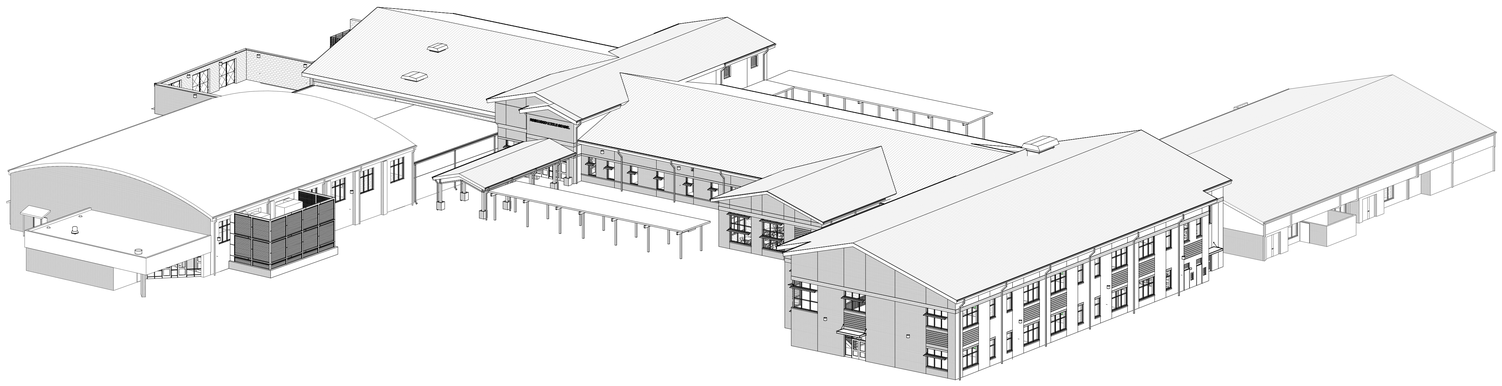
Rosewood Middle School Addition and Renovation

Wayne County Public Schools
541 North Carolina 581 S, Goldsboro, NC 27530



VOLUME 1

VICINITY MAP

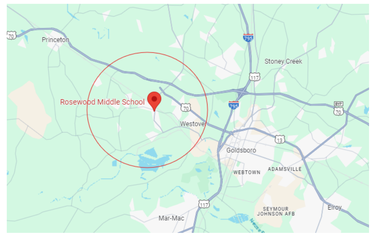


IMAGE REPRINTED FROM GOOGLE MAPS

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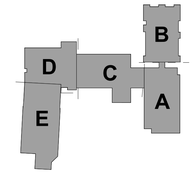
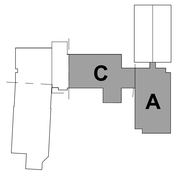


KEY PLAN-1ST FLOOR
NTS



KEY PLAN - 2ND FLOOR
NTS

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ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

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ROBERT C. STEVENSON — 6214 — 1-10-25 — NORTH CAROLINA — RALEIGH, N.C.

DKA JOB NUMBER
2401

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PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 6:10:57 AM

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
COVER SHEET

G000

APPENDIX B
2018 BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2 FAMILY DWELLINGS AND TOWNHOUSES)

NAME OF PROJECT: Rosewood Middle School Addition and Renovation
ADDRESS: 541 North Carolina 581 S, Goldsboro, NC **ZIP CODE:** 27530
OWNER/AUTHORIZED AGENT: Tim Harrell **PHONE #:** 919.705.6192
E-MAIL: TimmyHarrell@wcps.org
OWNED BY: ☒ CITY/COUNTY ☐ PRIVATE ☐ STATE
CODE ENFORCEMENT JURISDICTION: ☐ CITY ☒ COUNTY ☐ STATE
NAME OF JURISDICTION: Wayne County

CONTACT: ROBERT STEVENSON, ARCHITECT

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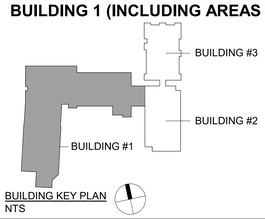
MECHANICAL	Dewberry	Scott W. Davis	039893	919-881-9939	sdavis@dewberry.com
SPRINKLER / STANDPIPE	Dewberry	Christopher Cook	039771	919-881-9939	ccook@dewberry.com
RETAINING WALLS >5' HIGH	-	-	-	-	-

BUILDING 1 (INCLUDING AREAS C,D & E)



BUILDING KEY PLAN
NTS

YEAR EDITION OF CODE:

2018 NC BUILDING CODE: ☒ NEW BUILDING ☐ ADDITION ☐ SHELL / CORE ☐ PHASED CONSTRUCTION - SHELL CORE ☐ 1ST TIME INTERIOR COMPLETIONS

2018 NC EXISTING BUILDING CODE: (CHECK ALL THAT APPLY) ☐ PRESCRIPTIVE ☐ REPAIR ☐ CHAPTER 14 ☐ ALTERATION LEVEL I ☒ ALTERATION LEVEL II ☐ ALTERATION LEVEL III ☐ HISTORIC PROPERTY ☐ CHANGE OF USE

CONSTRUCTED (DATE): 1950s Gymnasium **CURRENT OCCUPANCY(S) (CH. 3):** E
RENOVATED (DATE): 1980s Additions to Gymnasium **PROPOSED OCCUPANCY(S) (CH. 3):** E

RISK CATEGORY (table 1604.5) **Current:** ☐ I ☐ II ☐ III ☐ IV **Proposed:** ☐ I ☐ II ☒ III ☐ IV

BASIC BUILDING DATA:

CONSTRUCTION TYPE: (CHECK ALL THAT APPLY) ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A ☐ I-B ☒ II-B ☐ III-B ☐ V-B
SPRINKLERS: ☐ NO ☐ PARTIAL ☒ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D
STANDPIPES: ☒ NO ☐ CLASS - I ☐ CLASS - II ☐ CLASS - III ☐ WET ☐ DRY
PRIMARY FIRE DISTRICT: ☒ NO ☐ YES
FLOOD HAZARD AREA: ☒ NO ☐ YES
SPECIAL INSPECTIONS REQUIRED: ☐ NO ☒ YES SEE SHEET S00.03

GROSS BUILDING AREA (BASE BID):

FLOOR	ALTERATION (SQ FT)	NEW (SQ FT)	SUB-TOTAL
2ND FLOOR	0	3,442	3,442
1ST FLOOR	16,386	24,078	40,464
TOTAL BASE BID:	16,386	27,520	43,906

ALLOWABLE AREA

PRIMARY OCCUPANCY CLASSIFICATION(S):
ASSEMBLY: ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
BUSINESS: ☐
EDUCATIONAL: ☒
FACTORY: ☐ F-1 MODERATE ☐ F-2 LOW
HAZARDOUS: ☐ H-1 DETONATE ☐ H-2 DEFLAGRATION ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM
INSTITUTIONAL: ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-1 CONDITION ☐ 1 ☐ 2
I-2 CONDITION ☐ 1 ☐ 2
I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
MERCANTILE: ☐
RESIDENTIAL: ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
STORAGE: ☐ S-1 MODERATE ☐ S-2 LOW ☐ HIGH-PILED ☐ ENCLOSED ☐ OPEN ☐ PARKING GARAGE ☐ REPAIR GARAGE
UTILITY AND MISC: ☐

ACCESSORY OCCUPANCY CLASSIFICATION(S): -
INCIDENTAL USES (TABLE 509): -
THIS SEPARATION IS NOT EXEMPT AS A NON-SEPARATED USE (SEE EXCEPTIONS).
SPECIAL USES (CHAPTER 4 - LIST CODE SECTIONS): -
SPECIAL PROVISIONS (CHAPTER 5 - LIST CODE SECTIONS): -
MIXED OCCUPANCY: NO **SEPARATION:** - **EXCEPTION:** -

$$\frac{\text{ACTUAL AREA OF OCCUPANCY A}}{\text{ALLOWABLE AREA OF OCCUPANCY A}} + \frac{\text{ACTUAL AREA OF OCCUPANCY B}}{\text{ALLOWABLE AREA OF OCCUPANCY B}} \leq 1$$

$$\text{---} + \text{---} + \text{---} = \text{---} \leq 1$$

STORY NO.	DESCRIPTION AND USE	(A) BUILDING AREA PER STORY (ACTUAL)	(B) TABLE 506.2[1] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED[1]
1	EDUCATION / E	40,464	43,500	-	43,500
2	EDUCATION / E	3,442	43,500	-	43,500

[1] - Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. Minimum Width of Public Way = _____ (W)
e. Percentage of frontage increase If = 100[F/P – 0.25] x W/30 = _____ (%)
[2] - Unlimited area applicable under conditions of Section 507.
[3] - Maximum Building Area = total number of stories in the building x D (506.2)
[4] - The maximum area of open parking garages must comply with 406.5.4. The maximum area of traffic control towers must comply with Table 412.3.1.
[5] - Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
BUILDING HEIGHT IN FEET	75'-0"	26'-4"	-
BUILDING HEIGHT IN STORIES	3	2	-

[1] Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPAR DISTANCE (FEET)	RATING REQ.	RATING PROVIDED (w/ *Reduction)	DETAIL # AND SHEET	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
STRUCTURAL FRAME (INCLUDING COLUMNS, GIRDERS, TRUSSES)		0	0	-	-	-	-
BEARING WALLS							
EXTERIOR NORTH	>30'	0	0	-	-	-	-
EXTERIOR EAST	>30'	0	0	-	-	-	-
EXTERIOR WEST	>30'	0	0	-	-	-	-
EXTERIOR SOUTH	>30'	0	0	-	-	-	-
INTERIOR		0	0	-	-	-	-
NONBEARING WALLS AND PARTITIONS							
EXTERIOR NORTH	>30'	0	0	-	-	-	-
EXTERIOR EAST	>30'	0	0	-	-	-	-
EXTERIOR WEST	>30'	0	0	-	-	-	-
EXTERIOR SOUTH	>30'	0	0	-	-	-	-
INTERIOR WALLS AND PARTITIONS		0	0	-	-	-	-
FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0	0	-	-	-	-
FLOOR CEILING ASSEMBLY		0	0	-	-	-	-
COLUMNS SUPPORTING FLOORS		0	0	-	-	-	-
ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0	0	-	-	-	-
ROOF CEILING ASSEMBLY		0	0	-	-	-	-
COLUMNS SUPPORTING ROOF		0	0	-	-	-	-
SHAFT ENCLOSURES - EXIT		-	-	-	-	-	-
SHAFT ENCLOSURES - OTHER		-	-	-	-	-	-
CORRIDOR SEPARATION		0	0	-	-	-	-
OCCUPANCY / FIRE BARRIER SEPARATION		-	-	-	-	-	-
PARTY / FIRE WALL SEPARATION		3	2*	G008	U905	UL C-AJ-1149	WW-S-0034
SMOKE BARRIER SEPARATION		-	-	-	-	-	-
SMOKE PARTITION		-	-	-	-	-	-
TENANT / DWELLING UNIT / SLEEPING UNIT SEPARATION		-	-	-			
INCIDENTAL USE SEPARATION		2	2	G007, G008	U905, U419	W-L-1054	WW-S-0034 WW-S-0004

*Per NCSBC Table 706.4a

PERCENT OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
0 FEET AT FIRE WALL	OPENING WIDTH SHALL BE	<25% OF WALL LENGTH	6.33FT/45.75FT = 13.8%
>20 FEET	UP, S	UNLIMITED	-
-	-	-	-

LIFE SAFETY SYSTEM REQUIREMENTS

EMERGENCY LIGHTING: ☐ NO ☒ YES
EXIT SIGNS: ☐ NO ☒ YES
FIRE ALARM: ☐ NO ☒ YES
SMOKE DETECTION SYSTEMS: ☐ NO ☒ YES
CARBON MONOXIDE DETECTION: ☐ NO ☒ YES

LIFE SAFETY PLAN REQUIREMENTS

LIFE SAFETY PLAN SHEET: G004 - LIFE SAFETY PLANS

☒ FIRE AND / OR SMOKE RATED WALL LOCATIONS (CHAPTER 7)
☒ ASSUMED AND REAL PROPERTY LINE LOCATIONS (IF NOT ON THE SITE PLAN)
☒ EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE TO ASSUMED PROPERTY LINES (705.8)
☒ OCCUPANCY USE FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (TABLE 1004.1.2)
☒ OCCUPANT LOADS FOR EACH AREA
☒ EXIT ACCESS TRAVEL DISTANCES (1017)
☒ COMMON PATH OF TRAVEL DISTANCES (1016.2.1 & 1006.3.2(1))
☒ DEAD END LENGTHS (1020.4)
☐ CLEAR EXIT WIDTHS FOR EACH EXIT DOOR
☒ MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMMODATE BASED ON EGRESS WIDTH (1005.3)
☒ ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR
NA ☐ A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR / CEILING AND / OR ROOF STRUCTURE IS PROVIDED FOR PURPOSES OF OCCUPANCY SEPARATION
☒ LOCATION OF DOORS WITH PANIC HARDWARE (1010.1.10)
NA ☐ LOCATION OF DOORS WITH DELAYED EGRESS LOCKS AND THE AMOUNT OF DELAY (1010.1.9.7)
NA ☐ LOCATION OF DOORS WITH ELECTROMAGNETIC EGRESS LOCKS (1010.1.9.9)
☒ LOCATION OF DOORS EQUIPPED WITH HOLD-OPEN DEVICES
NA ☐ LOCATION OF EMERGENCY ESCAPE WINDOWS (1030)
☒ THE SQUARE FOOTAGE OF EACH FIRE AREA (202)
NA ☐ THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT FOR OCCUPANCY CLASSIFICATION I-2 (407.4)
☐ NOTE ANY CODE EXCEPTION OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE.

ACCESSIBLE DWELLING UNITS (SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
N/A	-	-	-	-	-	-	-

ACCESSIBLE PARKING (SECTION 1106)

LOT OR AREA PARKING	TOTAL # OF PARKING SPACES REQUIRED	TOTAL # OF PARKING SPACES PROVIDED	TOTAL # OF PARKING SPACES: REGULAR WITH 5' ACCESSIBLE ISLE	VAN SPACE WITH 132" ACCESSIBLE AISLE	VAN SPACE WITH 8' ACCESSIBLE AISLE	TOTAL ACCESSIBLE PROVIDED
VISITOR	-	19	1	-		1
STAFF	36	54	2	-	1	3
TOTAL	36	73	-	-		4

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

USE		WATER CLOSETS MALE	WATER CLOSETS FEMALE	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	SHOWERS / TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
SPACE	EXISTING			REFER TO SHEET G006 FOR PLUMBING CALCULATIONS					
	NEW								
	REQUIRED								

SPECIAL APPROVALS

SPECIAL APPROVAL REQUIRED: ☐ NO ☒ YES
☒ LOCAL JURISDICTION ☐ OSC ☒ DHHS
☒ DEPARTMENT OF INSURANCE ☒ DPI ☐ OTHER: N/A
DESCRIPTION:

ENERGY SUMMARY - NEW CONSTRUCTION

ENERGY REQUIREMENTS:
THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS ANNUAL ENERGY COST FOR THE PROPOSED DESIGN.

EXISTING BUILDING ENVELOPE COMPLIES WITH CODE: NA
EXEMPT BUILDING (PROVIDE CODE OR STATUTORY REFERENCE): NA
CLIMATE ZONE: ☒ 3A ☐ 4A ☐ 5A
METHOD OF COMPLIANCE: Energy Code: ☒ Prescriptive ☐ Performance
ASHRAE 90.1: ☐ Prescriptive ☐ Performance
(IF "OTHER", SPECIFY SOURCE HERE) -

THERMAL ENVELOPE (PRESCRIPTIVE METHOD ONLY)
ROOF / CEILING ASSEMBLY (EACH ASSEMBLY) Standing Seam Metal Roof with Air Gap and Underlayment, over 1/2" glass-mat sheathing, over 5" Polyiso Insulation, over Substrate board on Metal Deck, over Cold Formed Metal Trusses
DESCRIPTION OF ASSEMBLY:
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: R-25ci
SKYLIGHTS IN EACH ASSEMBLY: N/A
U-VALUE OF SKYLIGHT: N/A
TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY: N/A
EXTERIOR WALLS (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY: Brick Veneer, Air Space, Board Insulation, Air Barrier on 8" CMU.
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: R-7.6CI
OPENINGS (WINDOWS OR DOORS WITH GLAZING)
U-VALUE OF ASSEMBLY: 0.45 MAX
SOLAR HEAT GAIN COEFFICIENT: 0.25 MAX
PROJECTION FACTOR: Less than 0.25
DOOR R-VALUES: 0.77 MAX (Entrance); 0.45 MAX (Not Entrance)
WALLS BELOW GRADE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY: N/A
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: -
FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY: N/A
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: -
FLOORS SLAB ON GRADE
DESCRIPTION OF ASSEMBLY: 4" Concrete Slab on Vapor Retarder on Grade
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: R-10
HORIZONTAL / VERTICAL REQUIREMENT: To Top of Footing
SLAB HEATED: NO

STRUCTURAL DESIGN SUMMARY

DESIGN LOADS
IMPORTANCE FACTORS
SNOW (I_S): 1.1
SEISMIC (I_E): 1.25
LIVE LOADS
ROOF (PSF): 20 PSF
MEZZANINE (PSF): 150 PSF
FLOOR (PSF): 80 PSF
GROUND SNOW LOAD (PSF): 10 PSF
WIND LOAD
BASIC WIND SPEED (MPH) (ASCE-7): 129 MPH
EXPOSURE CATEGORY: C
SEISMIC DESIGN CATEGORY:
PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS
RISK CATEGORY (TABLE 1604.5): ☐ I ☐ II ☒ III ☐ IV
SPECTRAL RESPONSE ACCELERATION:
S_S: 15.2 %g
S_1: 7.4 %g
SITE CLASSIFICATION (ASCE 7): ☐ A ☐ B ☐ C ☒ D ☐ E ☐ F
DATA SOURCE: ☒ Field Test ☐ Presumptive ☐ Historical Data
BASIC STRUCTURAL SYSTEM: ☒ Bearing Wall ☐ Building Frame ☐ Moment Frame ☐ Dual w/ Special Moment Frame ☐ Dual w/ Intermediate R/C or Special Steel ☐ Inverted Pendulum
ANALYSIS PROCEDURE: ☐ Simplified ☒ Equivalent Lateral Force ☐ Dynamic
ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED? ☐ Yes ☒ No
LATERAL DESIGN CONTROL: ☒ Earthquake ☒ Wind
SOIL BEARING CAPACITIES (PSF): 2000
Field Test (psf) 2000
Presumptive Bearing Capacity (psf) -
Pile Size, Type and Capacity -

MECHANICAL DESIGN SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT REFER TO MECHANICAL DRAWING M00.01
THERMAL ZONE 3A
WINTER DRY BULB: --
SUMMER DRY BULB: --
INTERIOR DESIGN CONDITIONS
WINTER DRY BULB: --
SUMMER DRY BULB: --
RELATIVE HUMIDITY: --
BUILDING HEATING LOAD: --
BUILDING COOLING LOAD: --
MECHANICAL SPACING CONDITIONING SYSTEM
UNITARY
DESCRIPTION OF UNIT:
HEATING EFFICIENCY:
COOLING EFFICIENCY:
SIZE CATEGORY OF UNIT:
BOILER
SIZE CATEGORY. IF OVERSIZED, STATE REASON:
CHILLER
SIZE CATEGORY. IF OVERSIZED, STATE REASON:
LIST EQUIPMENT EFFICIENCIES:

ELECTRICAL DESIGN SUMMARY

REFER TO ELECTRICAL DRAWINGS
ELECTRICAL SYSTEMS AND EQUIPMENT
METHOD OF COMPLIANCE: Energy Code: ☐ Prescriptive ☐ Performance
ASHRAE 90.1: ☒ Prescriptive ☐ Performance
LIGHTING SCHEDULE
LAMP TYPE REQUIRED IN FIXTURE
NUMBER OF LAMPS IN THE FIXTURE
BALLAST TYPE USED IN THE FIXTURE
NUMBER OF BALLASTS IN THE FIXTURE
TOTAL WATTAGE PER FIXTURE
SEE LIGHT FIXTURE/LUMINAIRE SCHEDULE SHEET E06.01
TOTAL INTERIOR WATTAGE SPECIFIED VS. ALLOWED - 18027 vs. 31612
TOTAL EXTERIOR WATTAGE SPECIFIED VS. ALLOWED - 2415 vs. 3342
ADDITIONAL EFFICIENCY PACKAGE OPTIONS (WHEN USING THE 2018 NCECC; NOT REQUIRED FOR ASHRAE 90.1)
☐ C406.2 MORE EFFICIENT HVAC EQUIPMENT PERFORMANCE
☐ C406.3 REDUCED LIGHTING POWER DENSITY
☐ C406.4 ENHANCED DIGITAL LIGHTING CONTROLS
☐ C406.5 ON-SITE RENEWABLE ENERGY
☐ C406.6 DEDICATED OUTDOOR AIR SYSTEM
☐ C406.7 REDUCED ENERGY USE IN SERVICE WATER HEATING

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

REVISIONS

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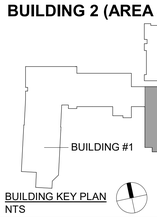
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:33:11 AM

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
CODE SUMMARY - BUILDING 1

G001

BUILDING 2 (AREA A)



BUILDING KEY PLAN
NTS

YEAR EDITION OF CODE:

2018 NC BUILDING CODE: ☒ NEW BUILDING ☐ ADDITION ☐ SHELL / CORE ☐ PHASED CONSTRUCTION - SHELL CORE ☐ 1ST TIME INTERIOR COMPLETIONS

2018 NC EXISTING BUILDING CODE: (CHECK ALL THAT APPLY) ☐ PRESCRIPTIVE ☐ REPAIR ☐ CHAPTER 14 ☐ ALTERATION LEVEL I ☐ ALTERATION LEVEL II ☐ ALTERATION LEVEL III ☐ HISTORIC PROPERTY ☐ CHANGE OF USE

CONSTRUCTED (DATE): N/A
RENOVATED (DATE): N/A
CURRENT OCCUPANCY(S) (CH. 3): -
PROPOSED OCCUPANCY(S) (CH. 3): E

RISK CATEGORY (table 1604.5) Current: ☐ I ☐ II ☐ III ☐ IV
Proposed: ☐ I ☐ II ☒ III ☐ IV

BASIC BUILDING DATA:

CONSTRUCTION TYPE: (CHECK ALL THAT APPLY) ☐ I-A ☐ I-B ☐ II-A ☒ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☐ V-B

SPRINKLERS: ☐ NO ☐ PARTIAL ☒ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D

STANDPIPES: ☒ NO ☐ CLASS - I ☐ CLASS - II ☐ CLASS - III ☐ WET ☐ DRY

PRIMARY FIRE DISTRICT: ☒ NO ☐ YES

FLOOD HAZARD AREA: ☒ NO ☐ YES

SPECIAL INSPECTIONS REQUIRED: ☐ NO ☒ YES SEE SHEET S00.03

GROSS BUILDING AREA (BASE BID):

FLOOR	ALTERATION (SQ FT)	NEW (SQ FT)	SUB-TOTAL
2ND FLOOR	0	13,252	13,252
1ST FLOOR	0	13,458	13,458
TOTAL BASE BID:			26,710

GROSS BUILDING AREA (BID ALTERNATE NO. 01):

FLOOR	ALTERATION (SQ FT)	NEW (SQ FT)	SUB-TOTAL
2ND FLOOR	0	17,656	17,656
1ST FLOOR	0	17,861	17,861
TOTAL BASE BID:			35,517

ALLOWABLE AREA

PRIMARY OCCUPANCY CLASSIFICATION(S):

ASSEMBLY: ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
BUSINESS: ☐
EDUCATIONAL: ☒
FACTORY: ☐ F-1 MODERATE ☐ F-2 LOW
HAZARDOUS: ☐ H-1 DETONATE ☐ H-2 DEFLAGRATION ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM
INSTITUTIONAL: ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-1 CONDITION ☐ 1 ☐ 2
I-2 CONDITION ☐ 1 ☐ 2
I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
MERCANTILE: ☐
RESIDENTIAL: ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
STORAGE: ☐ S-1 MODERATE ☐ S-2 LOW ☐ HIGH-PILED ☐ ENCLOSED ☐ OPEN ☐ PARKING GARAGE ☐ REPAIR GARAGE
UTILITY AND MISC: ☐

ACCESSORY OCCUPANCY CLASSIFICATION(S): -
INCIDENTAL USES (TABLE 509): -
THIS SEPARATION IS NOT EXEMPT AS A NON-SEPARATED USE (SEE EXCEPTIONS).
SPECIAL USES (CHAPTER 4 - LIST CODE SECTIONS): -
SPECIAL PROVISIONS (CHAPTER 5 - LIST CODE SECTIONS): -
MIXED OCCUPANCY: NO **SEPARATION:** - **EXCEPTION:** -

$$\frac{\text{ACTUAL AREA OF OCCUPANCY A}}{\text{ALLOWABLE AREA OF OCCUPANCY A}} + \frac{\text{ACTUAL AREA OF OCCUPANCY B}}{\text{ALLOWABLE AREA OF OCCUPANCY B}} \leq 1$$

_____ + _____ + _____ = _____ ≤ 1

STORY NO.	DESCRIPTION AND USE	(A) BUILDING AREA PER STORY (ACTUAL)	(B) TABLE 506.2[4] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED[2]
1	EDUCATION / E	17,861	43,500	-	43,500
2	EDUCATION / E	17,656	43,500	-	43,500

[1] - Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. Minimum Width of Public Way = _____ (W)
e. Percentage of frontage increase If = 100[F/P – 0.25] x W/30 = _____ (%)
[2] - Unlimited area applicable under conditions of Section 507.
[3] - Maximum Building Area = total number of stories in the building x D (506.2)
[4] - The maximum area of open parking garages must comply with 406.5.4. The maximum area of traffic control towers must comply with Table 412.3.1.
[5] - Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
BUILDING HEIGHT IN FEET	75'-0"	36'-3	-
BUILDING HEIGHT IN STORIES	3	2	-

[1] Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPAR DISTANCE (FEET)	RATING REQ.	RATING PROVIDED (w/ ___ *Reduction)	DETAIL # AND SHEET	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
STRUCTURAL FRAME (INCLUDING COLUMNS, GIRDERS, TRUSSES)		0	0	-	-	-	-
BEARING WALLS							
EXTERIOR NORTH	>30'	0	0	-	-	-	-
EXTERIOR EAST	>30'	0	0	-	-	-	-
EXTERIOR WEST	>30'	0	0	-	-	-	-
EXTERIOR SOUTH	>30'	0	0	-	-	-	-
INTERIOR		0	0	-	-	-	-
NONBEARING WALLS AND PARTITIONS							
EXTERIOR NORTH	>30'	0	0	-	-	-	-
EXTERIOR EAST	>30'	0	0	-	-	-	-
EXTERIOR WEST	>30'	0	0	-	-	-	-
EXTERIOR SOUTH	>30'	0	0	-	-	-	-
INTERIOR WALLS AND PARTITIONS		0	0	-	-	-	-
FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0	0	-	-	-	-
FLOOR CEILING ASSEMBLY		0	0	-	-	-	-
COLUMNS SUPPORTING FLOORS		0	0	-	-	-	-
ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0	0	-	-	-	-
ROOF CEILING ASSEMBLY		0	0	-	-	-	-
COLUMNS SUPPORTING ROOF		0	0	-	-	-	-
SHAFT ENCLOSURES - EXIT		1	1 and 0**	G008	U905	UL C-AJ-1149	WW-S-0034
SHAFT ENCLOSURES - OTHER		1	1	G008	U905	UL C-AJ-1149	WW-S-0034
CORRIDOR SEPARATION		0	0	-	-	-	-
OCCUPANCY / FIRE BARRIER SEPARATION		-	-	-	-	-	-
PARTY / FIRE WALL SEPARATION		3	2*	G008	U905	UL C-AJ-1149	WW-S-0034
SMOKE BARRIER SEPARATION		-	-	-	-	-	-
SMOKE PARTITION		-	-	-	-	-	-
TENANT / DWELLING UNIT / SLEEPING UNIT SEPARATION		-	-	-	-	-	-
INCIDENTAL USE SEPARATION		-	-	-	-	-	-

*Per NCSBC Table 706.4a
** Per NCSBC 1019.3.1.

PERCENT OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
0 FEET AT FIRE WALL	OPENING WIDTH SHALL BE	<25% OF WALL LENGTH	-
>20 FEET	UP, S	UNLIMITED	-
4 FEET	UP, S	15%	14.26% 1ST STORY 9% 2ND STORY

LIFE SAFETY SYSTEM REQUIREMENTS

EMERGENCY LIGHTING: ☐ NO ☒ YES
EXIT SIGNS: ☐ NO ☒ YES
FIRE ALARM: ☐ NO ☒ YES
SMOKE DETECTION SYSTEMS: ☐ NO ☒ YES
CARBON MONOXIDE DETECTION: ☐ NO ☒ YES

LIFE SAFETY PLAN REQUIREMENTS

LIFE SAFETY PLAN SHEET: G004, G005 - LIFE SAFETY PLANS

☒ FIRE AND / OR SMOKE RATED WALL LOCATIONS (CHAPTER 7)
☒ ASSUMED AND REAL PROPERTY LINE LOCATIONS (IF NOT ON THE SITE PLAN)
☒ EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE TO ASSUMED PROPERTY LINES (705.8)
☒ OCCUPANCY USE FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (TABLE 1004.1.2)
☒ OCCUPANT LOADS FOR EACH AREA
☒ EXIT ACCESS TRAVEL DISTANCES (1017)
☒ COMMON PATH OF TRAVEL DISTANCES (1016.2.1 & 1006.3.2(1))
☒ DEAD END LENGTHS (1020.4)
☐ CLEAR EXIT WIDTHS FOR EACH EXIT DOOR
☒ MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMMODATE BASED ON EGRESS WIDTH (1005.3)
☒ ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR
☒ A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR / CEILING AND / OR ROOF STRUCTURE IS PROVIDED FOR PURPOSES OF OCCUPANCY SEPARATION
☒ LOCATION OF DOORS WITH PANIC HARDWARE (1010.1.10)
NA ☐ LOCATION OF DOORS WITH DELAYED EGRESS LOCKS AND THE AMOUNT OF DELAY (1010.1.9.7)
NA ☐ LOCATION OF DOORS WITH ELECTROMAGNETIC EGRESS LOCKS (1010.1.9.9)
☒ LOCATION OF DOORS EQUIPPED WITH HOLD-OPEN DEVICES
NA ☐ LOCATION OF EMERGENCY ESCAPE WINDOWS (1030)
☒ THE SQUARE FOOTAGE OF EACH FIRE AREA (202)
NA ☐ THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT FOR OCCUPANCY CLASSIFICATION I-2 (407.4)
☐ NOTE ANY CODE EXCEPTION OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE.

SPECIAL APPROVALS

SPECIAL APPROVAL REQUIRED: ☐ NO ☒ YES
☒ LOCAL JURISDICTION ☐ OSC ☐ DHHS
☒ DEPARTMENT OF INSURANCE ☒ DPI ☐ OTHER: N/A

DESCRIPTION: _____

ENERGY SUMMARY

ENERGY REQUIREMENTS:
THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS ANNUAL ENERGY COST FOR THE PROPOSED DESIGN.

EXISTING BUILDING ENVELOPE COMPLIES WITH CODE: -
EXEMPT BUILDING (PROVIDE CODE OR STATUTORY REFERENCE): -
CLIMATE ZONE: ☒ 3A ☐ 4A ☐ 5A
METHOD OF COMPLIANCE: Energy Code: ☒ Prescriptive ☐ Performance
ASHRAE 90.1: ☐ Prescriptive ☐ Performance

(IF "OTHER", SPECIFY SOURCE HERE) -

THERMAL ENVELOPE (PRESCRIPTIVE METHOD ONLY)
ROOF / CEILING ASSEMBLY (EACH ASSEMBLY) Standing Seam Metal Roof with Air Gap and Underlayment, over 1/2" glass-mat sheathing, over 5" Polyiso Insulation, over Substrate Board on Metal Deck, over Cold Formed Metal Trusses
DESCRIPTION OF ASSEMBLY: -
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: R-25ci
SKYLIGHTS IN EACH ASSEMBLY: N/A
U-VALUE OF SKYLIGHT: N/A
TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY: N/A

EXTERIOR WALLS (EACH ASSEMBLY) Brick Veneer, Air Space, Board Insulation, Air Barrier on 1/2" Gypsum Sheathing on Metal Studs with Batt Insulation.
DESCRIPTION OF ASSEMBLY: -
U-VALUE OF TOTAL ASSEMBLY: R-13 + R-7.5CI
R-VALUE OF INSULATION:
OPENINGS (WINDOWS OR DOORS WITH GLAZING)
U-VALUE OF ASSEMBLY: 0.45 MAX
SOLAR HEAT GAIN COEFFICIENT: 0.25 MAX
PROJECTION FACTOR: Less than 0.25
DOOR R-VALUES: 0.77 MAX (Entrance); 0.45 MAX (Not Entrance)

WALLS BELOW GRADE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY: N/A
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: -

FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY: N/A
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: -

FLOORS SLAB ON GRADE
DESCRIPTION OF ASSEMBLY: 4" Concrete Slab on Vapor Retarder on Grade
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: NOT REQUIRED
HORIZONTAL / VERTICAL REQUIREMENT: -
SLAB HEATED: NO

STRUCTURAL DESIGN SUMMARY

DESIGN LOADS
IMPORTANCE FACTORS
SNOW (I_S): 1.1
SEISMIC (I_E): 1.25
LIVE LOADS
ROOF (PSF): 20 PSF
MEZZANINE (PSF): 150 PSF
FLOOR (PSF): 80 PSF
GROUND SNOW LOAD (PSF): 10 PSF
WIND LOAD
BASIC WIND SPEED (MPH) (ASCE-7): 129 MPH
EXPOSURE CATEGORY: C

SEISMIC DESIGN CATEGORY:
PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS
RISK CATEGORY (TABLE 1604.5): ☐ I ☐ II ☒ III ☐ IV
SPECTRAL RESPONSE ACCELERATION:
S_S 15.2 %g
S_1 7.4 %g
SITE CLASSIFICATION (ASCE 7): ☐ A ☐ B ☐ C ☒ D ☐ E ☐ F
DATA SOURCE: ☒ Field Test ☐ Presumptive ☐ Historical Data
BASIC STRUCTURAL SYSTEM: ☒ Bearing Wall ☐ Building Frame ☐ Moment Frame ☐ Dual w/ Special Moment Frame ☐ Dual w/ Intermediate R/C or Special Steel ☐ Inverted Pendulum
ANALYSIS PROCEDURE: ☐ Simplified ☒ Equivalent Lateral Force ☐ Dynamic
ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED? ☐ Yes ☒ No
LATERAL DESIGN CONTROL: ☒ Earthquake ☒ Wind
SOIL BEARING CAPACITIES (PSF): 2000
Field Test (psf) 2000
Presumptive Bearing Capacity (psf) -
Pile Size, Type and Capacity -

MECHANICAL DESIGN SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT REFER TO MECHANICAL DRAWING M00.01
THERMAL ZONE 3A
WINTER DRY BULB: --
SUMMER DRY BULB: --
INTERIOR DESIGN CONDITIONS
WINTER DRY BULB: --
SUMMER DRY BULB: --
RELATIVE HUMIDITY: --
BUILDING HEATING LOAD: --
BUILDING COOLING LOAD: --
MECHANICAL SPACING CONDITIONING SYSTEM
UNITARY
DESCRIPTION OF UNIT:
HEATING EFFICIENCY:
COOLING EFFICIENCY:
SIZE CATEGORY OF UNIT:
BOILER
SIZE CATEGORY. IF OVERSIZED, STATE REASON:
CHILLER
SIZE CATEGORY. IF OVERSIZED, STATE REASON:
LIST EQUIPMENT EFFICIENCIES:

ELECTRICAL DESIGN SUMMARY

REFER TO ELECTRICAL DRAWINGS

ELECTRICAL SYSTEMS AND EQUIPMENT
METHOD OF COMPLIANCE: Energy Code: ☐ Prescriptive ☐ Performance
ASHRAE 90.1: ☒ Prescriptive ☐ Performance

LIGHTING SCHEDULE
LAMP TYPE REQUIRED IN FIXTURE
NUMBER OF LAMPS IN THE FIXTURE
BALLAST TYPE USED IN THE FIXTURE
NUMBER OF BALLASTS IN THE FIXTURE
TOTAL WATTAGE PER FIXTURE
→ SEE LIGHT FIXTURE/LUMINAIRE SCHEDULE SHEET E06.01
TOTAL INTERIOR WATTAGE SPECIFIED VS. ALLOWED - 15102 vs. 19231
TOTAL EXTERIOR WATTAGE SPECIFIED VS. ALLOWED - 700 vs. 1061

ADDITIONAL EFFICIENCY PACKAGE OPTIONS (WHEN USING THE 2018 NCECC; NOT REQUIRED FOR ASHRAE 90.1)
☐ C406.2 MORE EFFICIENT HVAC EQUIPMENT PERFORMANCE
☒ C406.3 REDUCED LIGHTING POWER DENSITY
☐ C406.4 ENHANCED DIGITAL LIGHTING CONTROLS
☐ C406.5 ON-SITE RENEWABLE ENERGY
☐ C406.6 DEDICATED OUTDOOR AIR SYSTEM
☐ C406.7 REDUCED ENERGY USE IN SERVICE WATER HEATING

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

REVISIONS

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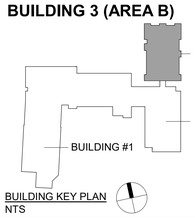
01/10/2025

SHEET TITLE
CODE SUMMARY - BUILDING 2

G002

BUILDING 3 (AREA B)



BUILDING KEY PLAN
NTS

YEAR EDITION OF CODE:

2018 NC BUILDING CODE: ☐ NEW BUILDING ☐ ADDITION ☐ SHELL / CORE ☐ PHASED CONSTRUCTION - SHELL CORE ☐ 1ST TIME INTERIOR COMPLETIONS

2018 NC EXISTING BUILDING CODE: (CHECK ALL THAT APPLY) ☐ PRESCRIPTIVE ☐ REPAIR ☐ CHAPTER 14 ☒ ALTERATION LEVEL I ☐ ALTERATION LEVEL II ☐ ALTERATION LEVEL III ☐ HISTORIC PROPERTY ☐ CHANGE OF USE

CONSTRUCTED (DATE): 2000 **CURRENT OCCUPANCY(S) (CH. 3):** E

RENOVATED (DATE): N/A **PROPOSED OCCUPANCY(S) (CH. 3):** E

RISK CATEGORY (table 1604.5) **Current:** ☐ I ☐ II ☒ III ☐ IV **Proposed:** ☐ I ☐ II ☒ III ☐ IV

BASIC BUILDING DATA:

CONSTRUCTION TYPE: (CHECK ALL THAT APPLY) ☐ I-A ☐ I-B ☐ II-A ☒ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☐ V-B

SPRINKLERS: ☒ NO ☐ PARTIAL ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D

STANDPIPES: ☒ NO ☐ CLASS - I ☐ CLASS - II ☐ CLASS - III ☐ WET ☐ DRY

PRIMARY FIRE DISTRICT: ☒ NO ☐ YES

FLOOD HAZARD AREA: ☒ NO ☐ YES

SPECIAL INSPECTIONS REQUIRED: ☒ NO ☐ YES

GROSS BUILDING AREA (BASE BID):

FLOOR	ALTERATION (SQ FT)	NEW (SQ FT)	SUB-TOTAL
2ND FLOOR	0	0	0
1ST FLOOR	10,633	0	10,633
TOTAL BASE BID:	10,633	0	10,633

ALLOWABLE AREA

PRIMARY OCCUPANCY CLASSIFICATION(S):

ASSEMBLY: ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5

BUSINESS: ☐

EDUCATIONAL: ☒

FACTORY: ☐ F-1 MODERATE ☐ F-2 LOW

HAZARDOUS: ☐ H-1 DETONATE ☐ H-2 DEFLAGRATION ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM

INSTITUTIONAL: ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4

I-1 CONDITION ☐ 1 ☐ 2

I-2 CONDITION ☐ 1 ☐ 2

I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

MERCANTILE: ☐

RESIDENTIAL: ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4

STORAGE: ☐ S-1 MODERATE ☐ S-2 LOW ☐ HIGH-PILED ☐ ENCLOSED ☐ OPEN ☐ PARKING GARAGE ☐ REPAIR GARAGE

UTILITY AND MISC: ☐

ACCESSORY OCCUPANCY CLASSIFICATION(S): -

INCIDENTAL USES (TABLE 509): -
THIS SEPARATION IS NOT EXEMPT AS A NON-SEPARATED USE (SEE EXCEPTIONS).

SPECIAL USES (CHAPTER 4 - LIST CODE SECTIONS): -

SPECIAL PROVISIONS (CHAPTER 5 - LIST CODE SECTIONS): -

MIXED OCCUPANCY: NO **SEPARATION:** - **EXCEPTION:** -

$$\frac{\text{ACTUAL AREA OF OCCUPANCY A}}{\text{ALLOWABLE AREA OF OCCUPANCY A}} + \frac{\text{ACTUAL AREA OF OCCUPANCY B}}{\text{ALLOWABLE AREA OF OCCUPANCY B}} \leq 1$$

$$\frac{\quad}{\quad} + \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} \leq 1$$

STORY NO.	DESCRIPTION AND USE	(A) BUILDING AREA PER STORY (ACTUAL)	(B) TABLE 506.2[4] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED[2]
1	EDUCATION / E	10,633	14,500	-	14,500

[1] - Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. Minimum Width of Public Way = _____ (W)
e. Percentage of frontage increase If = 100[F/P – 0.25] x W/30 = _____ (%)

[2] - Unlimited area applicable under conditions of Section 507.

[3] - Maximum Building Area = total number of stories in the building x D (506.2)

[4] - The maximum area of open parking garages must comply with 406.5.4. The maximum area of traffic control towers must comply with Table 412.3.1.

[5] - Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
BUILDING HEIGHT IN FEET	55'-0"	20'-6	-
BUILDING HEIGHT IN STORIES	2	1	-

[1] Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPAR DISTANCE (FEET)	RATING REQ.	RATING PROVIDED (w/ ___ *Reduction)	DETAIL # AND SHEET	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
STRUCTURAL FRAME (INCLUDING COLUMNS, GIRDERS, TRUSSES)		0	0	-	-	-	-
BEARING WALLS							
EXTERIOR NORTH	>30'	0	0	-	-	-	-
EXTERIOR EAST	>30'	0	0	-	-	-	-
EXTERIOR WEST	>30'	0	0	-	-	-	-
EXTERIOR SOUTH	>30'	0	0	-	-	-	-
INTERIOR		0	0	-	-	-	-
NONBEARING WALLS AND PARTITIONS							
EXTERIOR NORTH	>30'	0	0	-	-	-	-
EXTERIOR EAST	>30'	0	0	-	-	-	-
EXTERIOR WEST	>30'	0	0	-	-	-	-
EXTERIOR SOUTH	>30'	0	0	-	-	-	-
INTERIOR WALLS AND PARTITIONS		0	0	-	-	-	-
FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0	0	-	-	-	-
FLOOR CEILING ASSEMBLY		0	0	-	-	-	-
COLUMNS SUPPORTING FLOORS		0	0	-	-	-	-
ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)		0	0	-	-	-	-
ROOF CEILING ASSEMBLY		0	0	-	-	-	-
COLUMNS SUPPORTING ROOF		0	0	-	-	-	-
SHAFT ENCLOSURES - EXIT		N/A	N/A	-	-	-	-
SHAFT ENCLOSURES - OTHER		N/A	N/A	-	-	-	-
CORRIDOR SEPARATION		0	0	-	-	-	-
OCCUPANCY / FIRE BARRIER SEPARATION		-	-	-	-	-	-
PARTY / FIRE WALL SEPARATION		N/A	N/A	-	-	-	-
SMOKE BARRIER SEPARATION		-	-	-	-	-	-
SMOKE PARTITION		-	-	-	-	-	-
TENANT / DWELLING UNIT / SLEEPING UNIT SEPARATION		-	-	-			
INCIDENTAL USE SEPARATION		-	-	-	-	-	-

PERCENT OF WALL OPENING CALCULATIONS EXISTING TO REMAIN

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
>30 FEET	UP, NS	UNLIMITED	-
10 FEET	UP, NS	15%	3%
-	-	-	-

LIFE SAFETY SYSTEM REQUIREMENTS

EMERGENCY LIGHTING: ☐ NO ☒ YES

EXIT SIGNS: ☐ NO ☒ YES

FIRE ALARM: ☐ NO ☒ YES

SMOKE DETECTION SYSTEMS: ☐ NO ☒ YES

CARBON MONOXIDE DETECTION: ☒ NO ☐ YES

LIFE SAFETY PLAN REQUIREMENTS

LIFE SAFETY PLAN SHEET: G004 - LIFE SAFETY PLANS

☒ FIRE AND / OR SMOKE RATED WALL LOCATIONS (CHAPTER 7)
☒ ASSUMED AND REAL PROPERTY LINE LOCATIONS (IF NOT ON THE SITE PLAN)
☒ EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE TO ASSUMED PROPERTY LINES (705.8)
☒ OCCUPANCY USE FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (TABLE 1004.1.2)
☒ OCCUPANT LOADS FOR EACH AREA
☒ EXIT ACCESS TRAVEL DISTANCES (1017)
☒ COMMON PATH OF TRAVEL DISTANCES (1016.2.1 & 1006.3.2(1))
☒ DEAD END LENGTHS (1020.4)
☐ CLEAR EXIT WIDTHS FOR EACH EXIT DOOR
☒ MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMMODATE BASED ON EGRESS WIDTH (1005.3)
☒ ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR
NA ☐ A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR / CEILING AND / OR ROOF STRUCTURE IS PROVIDED FOR PURPOSES OF OCCUPANCY SEPARATION
☒ LOCATION OF DOORS WITH PANIC HARDWARE (1010.1.10)
NA ☐ LOCATION OF DOORS WITH DELAYED EGRESS LOCKS AND THE AMOUNT OF DELAY (1010.1.9.7)
NA ☐ LOCATION OF DOORS WITH ELECTROMAGNETIC EGRESS LOCKS (1010.1.9.9)
NA ☐ LOCATION OF DOORS EQUIPPED WITH HOLD-OPEN DEVICES
NA ☐ LOCATION OF EMERGENCY ESCAPE WINDOWS (1030)
☒ THE SQUARE FOOTAGE OF EACH FIRE AREA (202)
NA ☐ THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT FOR OCCUPANCY CLASSIFICATION I-2 (407.4)
☐ NOTE ANY CODE EXCEPTION OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE.

SPECIAL APPROVALS

SPECIAL APPROVAL REQUIRED: ☐ NO ☒ YES
☒ LOCAL JURISDICTION ☐ OSC ☐ DHHS
☒ DEPARTMENT OF INSURANCE ☒ DPI ☐ OTHER: N/A

DESCRIPTION:

ENERGY SUMMARY

ENERGY REQUIREMENTS:
THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS ANNUAL ENERGY COST FOR THE PROPOSED DESIGN.

EXISTING BUILDING ENVELOPE COMPLIES WITH CODE: NO

EXEMPT BUILDING (PROVIDE CODE OR STATUTORY REFERENCE): 2018 NC Energy Conseravtion Code Section 708

CLIMATE ZONE: ☒ 3A ☐ 4A ☐ 5A

METHOD OF COMPLIANCE: Energy Code: ☒ Prescriptive ☐ Performance
ASHRAE 90.1: ☐ Prescriptive ☐ Performance

(IF "OTHER", SPECIFY SOURCE HERE) -

THERMAL ENVELOPE (PRESCRIPTIVE METHOD ONLY) - EXISTING TO REMAIN

ROOF / CEILING ASSEMBLY (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY:
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: -
SKYLIGHTS IN EACH ASSEMBLY: -
U-VALUE OF SKYLIGHT: -
TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY: -

EXTERIOR WALLS (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY:
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: -
OPENINGS (WINDOWS OR DOORS WITH GLAZING)
U-VALUE OF ASSEMBLY: -
SOLAR HEAT GAIN COEFFICIENT: -
PROJECTION FACTOR: -
DOOR R-VALUES: -

WALLS BELOW GRADE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY: -
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: -

FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY: -
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: -

FLOORS SLAB ON GRADE
DESCRIPTION OF ASSEMBLY: -
U-VALUE OF TOTAL ASSEMBLY: -
R-VALUE OF INSULATION: -
HORIZONTAL / VERTICAL REQUIREMENT: -
SLAB HEATED: -

STRUCTURAL DESIGN SUMMARY EXISTING TO REMAIN

DESIGN LOADS

IMPORTANCE FACTORS
SNOW (I_S): -
SEISMIC (I_E): -

LIVE LOADS
ROOF (PSF): -
MEZZANINE (PSF): -
FLOOR (PSF): -

GROUND SNOW LOAD (PSF): -

WIND LOAD
BASIC WIND SPEED (MPH) (ASCE-7): -
EXPOSURE CATEGORY: -

SEISMIC DESIGN CATEGORY:
PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS

RISK CATEGORY (TABLE 1604.5): ☐ I ☐ II ☐ III ☐ IV

SPECTRAL RESPONSE ACCELERATION:
S_S - %g
S_1 - %g

SITE CLASSIFICATION (ASCE 7): ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F
DATA SOURCE: ☐ Field Test ☐ Presumptive ☐ Historical Data

BASIC STRUCTURAL SYSTEM: ☐ Bearing Wall ☐ Building Frame ☐ Moment Frame ☐ Dual w/ Special Moment Frame ☐ Dual w/ Intermediate R/C or Special Steel ☐ Inverted Pendulum

ANALYSIS PROCEDURE: ☐ Simplified ☐ Equivalent Lateral Force ☐ Dynamic

ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED? ☐ Yes ☐ No

LATERAL DESIGN CONTROL: ☐ Earthquake ☐ Wind

SOIL BEARING CAPACITIES (PSF): -
Field Test (psf) -
Presumptive Bearing Capacity (psf) -
Pile Size, Type and Capacity -

MECHANICAL DESIGN SUMMARY EXISTING TO REMAIN

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

THERMAL ZONE 3A
WINTER DRY BULB: --
SUMMER DRY BULB: --

INTERIOR DESIGN CONDITIONS
WINTER DRY BULB: --
SUMMER DRY BULB: --
RELATIVE HUMIDITY: --

BUILDING HEATING LOAD: --

BUILDING COOLING LOAD: --

MECHANICAL SPACING CONDITIONING SYSTEM
UNITARY
DESCRIPTION OF UNIT:
HEATING EFFICIENCY:
COOLING EFFICIENCY:
SIZE CATEGORY OF UNIT:
BOILER
SIZE CATEGORY. IF OVERSIZED, STATE REASON: -
CHILLER
SIZE CATEGORY. IF OVERSIZED, STATE REASON: -

LIST EQUIPMENT EFFICIENCIES: -

ELECTRICAL DESIGN SUMMARY

REFER TO ELECTRICAL DRAWINGS

ELECTRICAL SYSTEMS AND EQUIPMENT

METHOD OF COMPLIANCE: Energy Code: ☐ Prescriptive ☐ Performance
ASHRAE 90.1: ☒ Prescriptive ☐ Performance

LIGHTING SCHEDULE
LAMP TYPE REQUIRED IN FIXTURE
NUMBER OF LAMPS IN THE FIXTURE
BALLAST TYPE USED IN THE FIXTURE
NUMBER OF BALLASTS IN THE FIXTURE
TOTAL WATTAGE PER FIXTURE
SEE LIGHT FIXTURE/LUMINAIRE SCHEDULE SHEET E06.01
TOTAL INTERIOR WATTAGE SPECIFIED VS. ALLOWED - 4503 vs. 7656
TOTAL EXTERIOR WATTAGE SPECIFIED VS. ALLOWED - 64 vs. 400

ADDITIONAL EFFICIENCY PACKAGE OPTIONS (WHEN USING THE 2018 NCECC; NOT REQUIRED FOR ASHRAE 90.1)
☐ C406.2 MORE EFFICIENT HVAC EQUIPMENT PERFORMANCE
☒ C406.3 REDUCED LIGHTING POWER DENSITY
☐ C406.4 ENHANCED DIGITAL LIGHTING CONTROLS
☐ C406.5 ON-SITE RENEWABLE ENERGY
☐ C406.6 DEDICATED OUTDOOR AIR SYSTEM
☐ C406.7 REDUCED ENERGY USE IN SERVICE WATER HEATING

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

REVISIONS

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Drawn By: SCOTT KRABATH
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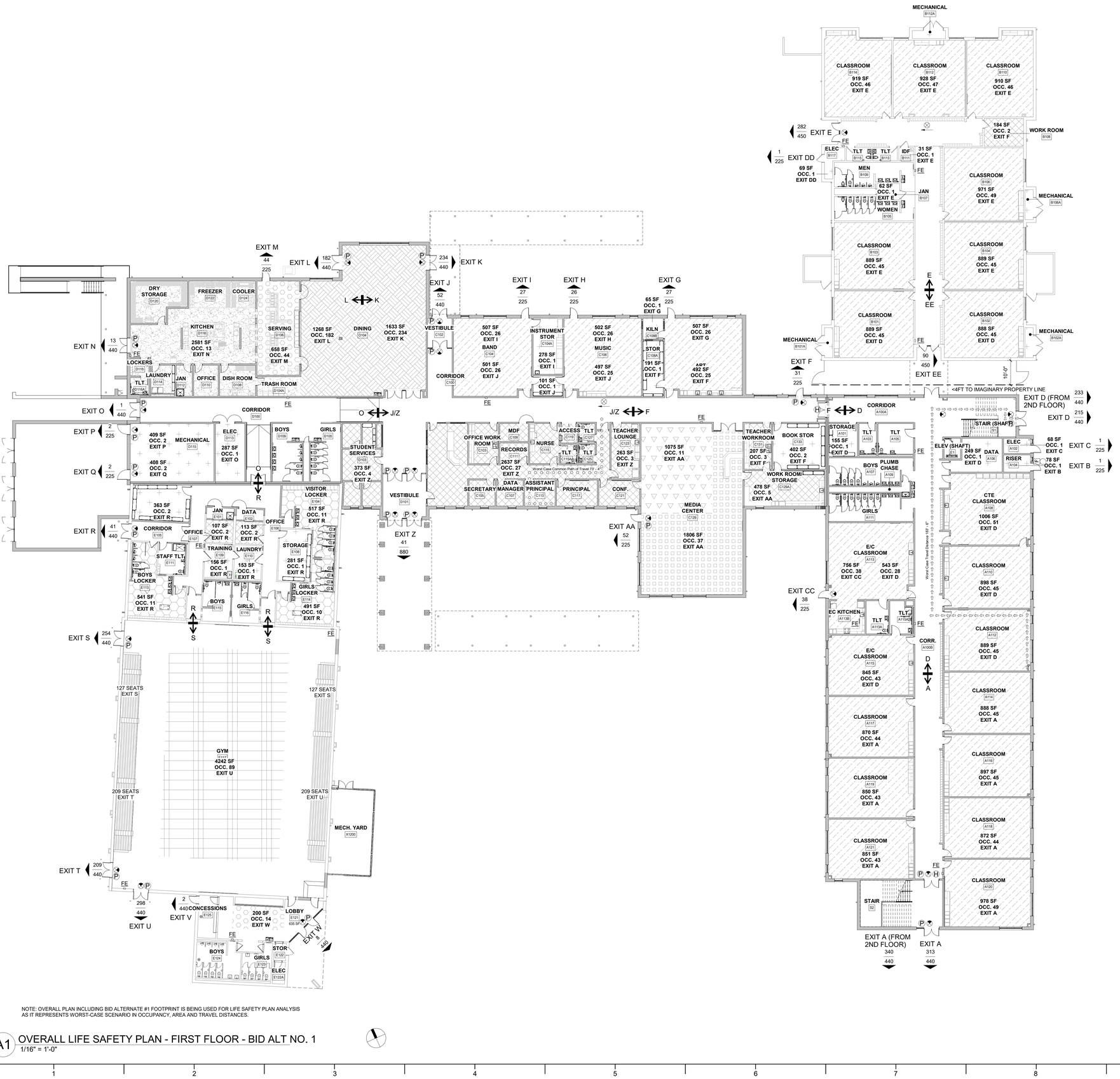
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
CODE SUMMARY - BUILDING 3

G003



A1 OVERALL LIFE SAFETY PLAN - FIRST FLOOR - BID ALT NO. 1
1/16" = 1'-0"

LIFE SAFETY PLAN GENERAL NOTES:

1. REFER TO SHEET G001 & G002 FOR CODE SUMMARY .
2. REFER TO DOOR SCHEDULE FOR REQUIRED DOOR RATINGS.
3. REFER TO INTERIOR PARTITION TYPES AND FLOOR PLAN FOR ADDITIONAL PARTITION REQUIREMENTS INCLUDE WALL HEIGHT, UL DESIGN AND FIRE RATING.
4. REFER TO SITE PLAN FOR BUILDING ADJACENCIES AND PROPERTY LINES.

LIFE SAFETY PLAN SYMBOL LEGEND

- EXIT X — DENOTES EXIT DIRECTION ARROW, TYP.
- 0 — INDICATES EXIT POPULATION
- 0 — INDICATES EXIT CAPACITY (POPULATION)
- DENOTES EXIT
- A ⇿ B — LOCATION WHERE TRAVEL DISTANCE TO 2 EXITS IS EQUIDISTANT
- WORST-CASE TRAVEL DISTANCE
- WORST-CASE COMMON PATH OF TRAVEL
- DEAD END CORRIDOR — DEAD END CORRIDOR
- F — INDICATES PULL STATION
- FE — INDICATES FIRE EXTINGUISHER
- H — INDICATES HOLD OPEN
- P — INDICATES PANIC HARDWARE
- ROOM NAME 101 — ROOM NAME, ROOM NUMBER
- 150 SF OCC. 20 EXIT A — AREA, OCCUPANT CAPACITY, EXIT
- EXIT LIGHT FIXTURE, EXIT DIRECTIONAL ARROW

LIFE SAFETY PLAN OCCUPANCY KEY

- ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM (300 SF/OCC. GROSS)
- ASSEMBLY - CONCENTRATED (CHAIRS ONLY - NOT FIXED) (7 SF/OCC. NET)
- ASSEMBLY - UNCONCENTRATED (TABLES & CHAIRS) (15 SF/OCC. NET)
- BUSINESS AREAS (100 SF/OCC. GROSS)
- EDUCATIONAL - CLASSROOM AREA (20 SF/OCC. NET)
- KITCHENS, COMMERCIAL (200 SF/OCC. GROSS)
- LIBRARY STACK AREA (100 SF/OCC. GROSS)
- LIBRARY READING ROOMS (50 SF/OCC. NET)
- LOCKER ROOMS (50 SF/OCC. GROSS)
- RECREATIONAL COURT (50 SF/OCC. GROSS)

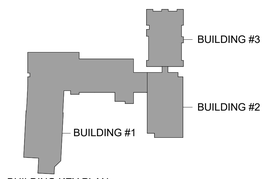
RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: " ___-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER



BUILDING KEY PLAN
NTS

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.daviskane.com

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, PA — 50304 — RALEIGH, N.C.

ROBERT C. STEVENSON — 6214 — 10-31-25 — RALEIGH, N.C.

DKA JOB NUMBER
2401

REVISIONS

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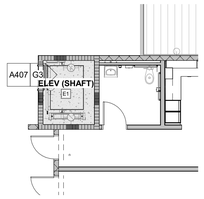
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:33:21 AM

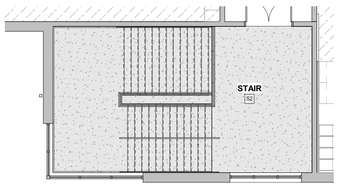
DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
LIFE SAFETY PLAN - FIRST FLOOR - BID ALT NO. 1

G004



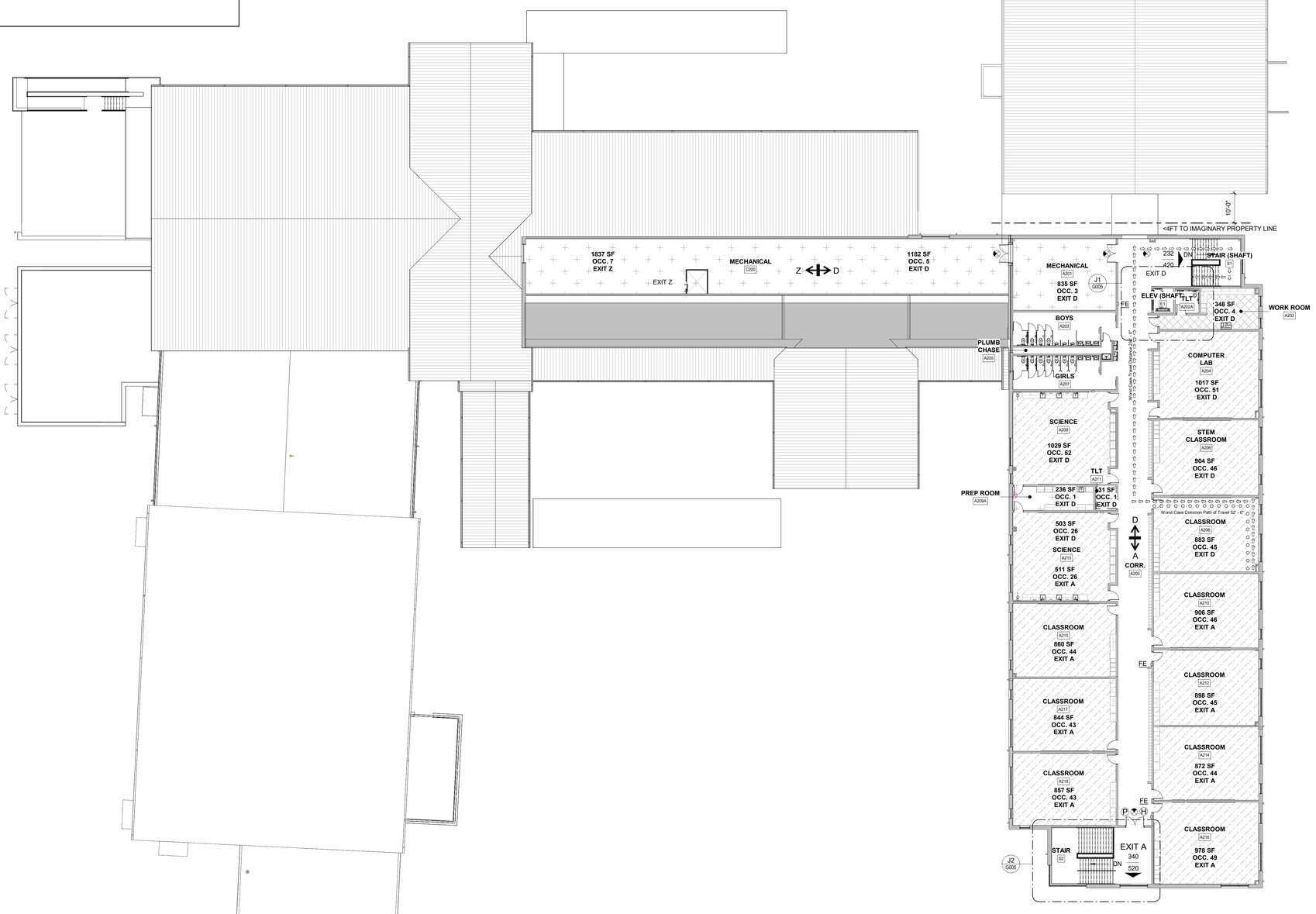
J1 LIFE SAFETY PLAN - E1
1/8" = 1'-0"



J2 LIFE SAFETY PLAN - S2
1/8" = 1'-0"

HORIZONTAL RATED ASSEMBLIES GENERAL NOTES:

1. 1-HR HORIZONTAL RATED ASSEMBLY (UL DETAIL I504) AT TOP OF SHAFT. AREA DENOTED BY HATCH.



NOTE: OVERALL PLAN INCLUDING BID ALTERNATE #1 FOOTPRINT IS BEING USED FOR LIFE SAFETY PLAN ANALYSIS AS IT REPRESENTS WORST-CASE SCENARIO IN OCCUPANCY, AREA AND TRAVEL DISTANCES.

A1 OVERALL LIFE SAFETY PLAN - SECOND FLOOR - BID ALT NO. 1
1/16" = 1'-0"

LIFE SAFETY PLAN GENERAL NOTES:

1. REFER TO SHEET G001 & G002 FOR CODE SUMMARY .
2. REFER TO DOOR SCHEDULE FOR REQUIRED DOOR RATINGS.
3. REFER TO INTERIOR PARTITION TYPES AND FLOOR PLAN FOR ADDITIONAL PARTITION REQUIREMENTS INCLUDE WALL HEIGHT, UL DESIGN AND FIRE RATING.
4. REFER TO SITE PLAN FOR BUILDING ADJACENCIES AND PROPERTY LINES.

LIFE SAFETY PLAN SYMBOL LEGEND

- EXIT X — DENOTES EXIT DIRECTION ARROW, TYP.
- 0 — INDICATES EXIT POPULATION
- 0 — INDICATES EXIT CAPACITY (POPULATION)
- DENOTES EXIT
- A ⟷ B — LOCATION WHERE TRAVEL DISTANCE TO 2 EXITS IS EQUIDISTANT
- WORST-CASE TRAVEL DISTANCE
- WORST-CASE COMMON PATH OF TRAVEL
- DEAD END CORRIDOR — DEAD END CORRIDOR
- F — INDICATES PULL STATION
- FE — INDICATES FIRE EXTINGUISHER
- H — INDICATES HOLD OPEN
- P — INDICATES PANIC HARDWARE
- ROOM NAME / 101 — ROOM NAME, ROOM NUMBER
- 150 SF / OCC. 20 / EXIT A — AREA, OCCUPANT CAPACITY, EXIT
- EXIT LIGHT FIXTURE, EXIT DIRECTIONAL ARROW

LIFE SAFETY PLAN OCCUPANCY KEY

- ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM (300 SF/OCC. GROSS)
- ASSEMBLY - CONCENTRATED (CHAIRS ONLY - NOT FIXED) (7 SF/OCC. NET)
- ASSEMBLY - UNCONCENTRATED (TABLES & CHAIRS) (15 SF/OCC. NET)
- BUSINESS AREAS (100 SF/OCC. GROSS)
- EDUCATIONAL - CLASSROOM AREA (20 SF/OCC. NET)
- KITCHENS, COMMERCIAL (200 SF/OCC. GROSS)
- LIBRARY STACK AREA (100 SF/OCC. GROSS)
- LIBRARY READING ROOMS (50 SF/OCC. NET)
- LOCKER ROOMS (50 SF/OCC. GROSS)
- RECREATIONAL COURT (50 SF/OCC. GROSS)

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

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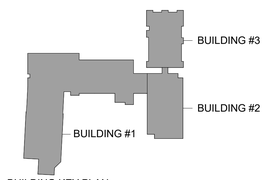

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ROBERT C. STEVENSON — LICENSED ARCHITECT — 6214 — 1-10-25 — NORTH CAROLINA — RALEIGH, N.C.

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Drawn By: SCOTT KRABATH
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DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
LIFE SAFETY PLAN - SECOND FLOOR - BID ALT NO. 1

G005

Building Area A Alt 1 - 1st Floor - Student Group Toile

Plumbing Fixture Requirements	Male				Female		Male		Female		Male & Female	
Occupancy	Waterclosets 1/25		Urinals 1/25		Waterclosets 1/25		Lavatories 1/60		Lavatories 1/60		Drinking Fountains 1/100	
	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
FIRST FLOOR	Room 1105A				Room 1105B		Rooms 1105A		Room 1105B			
12 classrooms x 29 x 0.5 = 174 boys 174 girls	7	4	0	3	7	7	3	3	3	3	4	4

Building Area A Alt 1 - 1st Floor - Staff Toile

Plumbing Fixture Requirements	Male						Female			
Occupancy	Waterclosets 1/30		Urinals 1/100		Lavatories 1/100		Waterclosets 1/25		Lavatories 1/100	
	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
FIRST FLOOR	Room 1102						Room 1103			
12 classrooms x 1.75 = 21 (20%) 4 males (80%) Females 17	1	1	0	0	1	1	1	1	1	1

Building Area A Alt 1 - 2nd Floor - Student Group Toile

Plumbing Fixture Requirements	Male				Female		Male		Female		Male & Female	
Occupancy	Waterclosets 1/25		Urinals 1/25		Waterclosets 1/25		Lavatories 1/60		Lavatories 1/60		Drinking Fountains 1/100	
	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
2nd FLOOR	Room 2104A				Room 2104B		Rooms 2104A		Rooms 2104B			
12 classrooms x 29 x 0.5 = 174 boys 174 girls	7	4	0	3	7	7	3	3	3	3	4	4

Building Area A Alt 1- 2nd Floor - Staff Toilets

Plumbing Fixture Requirements	Male						Female			
Occupancy	Waterclosets 1/30		Urinals 1/100		Lavatories 1/100		Waterclosets 1/25		Lavatories 1/100	
	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
2nd FLOOR	2103A						2108			
12 classrooms x 1.75 = 21 (20%) 4 males (80%) 17 Females	1	1	0	0	1	1	1	1	1	1

Building Area B - 1st Floor - Student Group Toilets

Plumbing Fixture Requirements	Male				Female		Male		Female		Male & Female	
Occupancy	Waterclosets 1/25		Urinals 1/25		Waterclosets 1/25		Lavatories 1/60		Lavatories 1/60		Drinking Fountains 1/100	
	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
FIRST FLOOR	Room 1005B				Room 1005A		Room 1005B		Room 1005A			
8 classrooms x 29 x 0.5 = 116 boys 116 girls	5	2	0	3	5	5	2	3	2	3	3	4

Building Area B - 1st Floor - Staff Toilets

Plumbing Fixture Requirements	Male						Female			
Occupancy	Waterclosets 1/30		Urinals 1/100		Lavatories 1/100		Waterclosets 1/25		Lavatories 1/100	
	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
FIRST FLOOR	Room 1011						Room 1009			
8 classrooms x 1.75 = 14 (20%) 3 males (80%) 11 Females)	1	1	0	0	1	1	1	1	1	1

Building Area C - 1st Floor Student Group Toilets

Plumbing Fixture Requirements	Male				Female		Male		Female		Male & Female	
Educational [E] Occupancy	Waterclosets 1/25		Urinals 1/25		Waterclosets 1/25		Lavatories 1/60		Lavatories 1/60		Drinking Fountains 1/100	
	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
FIRST FLOOR	Room 1227A				Room 1227B		Rooms 1227A		Rooms 1227B			
5 classrooms x 29=145 Total Occupants=145 (50%)73 males (50%) 73 females	3	2	0	3	3	5	2	4	2	4	2	4

Building Area C - Staff Toilets

Plumbing Fixture Requirements	Male						Female			
Occupancy	Waterclosets 1/30		Urinals 1/100		Lavatories 1/100		Waterclosets 1/25		Lavatories 1/100	
	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
FIRST FLOOR	Room 1214						Room 1213			
5 classrooms x 1.75 = 9 (20%) 2 males (80%) 7 Females	1	1	0	0	1	1	1	1	1	1

Building Area D - Student Group Toilets

Plumbing Fixture Requirements	Male				Female		Male		Female		Male & Female	
Assembly [A-2 & A-3] Occupancy for Gymnasiums & Cafeterias in K-12 Schools	Waterclosets 1/125		Urinals 1/125		Waterclosets 1/100		Lavatories 1/200		Lavatories 1/200		Drinking Fountains 1/500	
	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
FIRST FLOOR	Room 1227A				Room 1227B		Rooms 1227A		Rooms 1227B			
Dining = 2902 sf / 7 net = 415 Serving Line = 658 / 15 net = 44 Total Occupants = 459 (50%) 230 males (50%) 230 females	2	2	0	3	2	5	2	4	2	4	1	4

Building Area E - Group Toilets

Plumbing Fixture Requirements	Male				Female		Male		Female		Male & Female	
Assembly [A-3] Occupancy for Gymnasiums K-12 Schools	Waterclosets 1/125		Urinals 1/125		Waterclosets 1/65		Lavatories 1/200		Lavatories 1/200		Drinking Fountains 1/500	
	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
FIRST FLOOR	Room 1301A/1317A				Room 1301B/1317B		Room 1301A/1317A		Room 1301B/1317B			
Court = 4424 sf / 50 net = 89(not fixed) 672 (fixed) Total Occupants = 761 (50%) 381 males (50%) 381 females	4	5	0	5	6	6	2	3	2	3	2	2

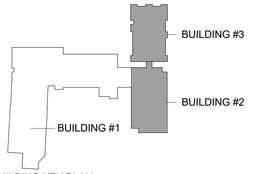
Plumbing Fixture Requirements	Male				Female		Male			Male & Female	
Educational [E] Occupancy/Lockers	Waterclosets 1/25		Urinals 1/25		Waterclosets 1/25		Lavatories 1/60	Drinking Fountains 1/100		Drinking Fountains 1/100	
	Required	Provided	Required	Provided	Required	Provided	Required	Provided		Required	Provided
FIRST FLOOR	Room 1305				Room 1316		Rooms 1305 & 1316				
1539/50 = 31 (50%) 16 males (50%) 16 females	2	2	0	3	2	2	1	3	1 N/A*		

NOTE TO CODE CONSULTANT/PLAN REVIEWER:

THIS PROJECT HAS A BASE BID SCENARIO WHERE AREA A (NEW 2-STORY CLASSROOM WING) AND AREA B (EXISTING 1-STORY CLASSROOM BUILDING) ARE SEPARATE STAND-ALONE BUILDINGS, WHEREAS AREA A IS SPRINKLERED AND AREA B IS UNSPRINKLERED AND THEREFORE ARE NOT BEING CONSIDERED AS PART OF ONE BUILDING AREA PER NCSBC SECTION 503.1.2 (BUILDINGS ON SAME LOT). IN THIS SCENARIO, WE HAVE PLACED AN IMAGINARY LOT LINE BETWEEN THE TWO BUILDINGS AND IDENTIFIED THE NORTH EXTERIOR WALL OF AREA A AS A 1-HOUR FIRE BARRIER. THIS SCENARIO OF AREAS A AND B AS SEPARATE BUILDINGS IS REPRESENTED ON THE BUILDING CODE SUMMARIES AND LIFE SAFETY PLAN SHEETS G001 THROUGH G005.

AS AN ALTERNATIVE, THE PROJECT HAS A BID ALTERNATE SCENARIO THAT BUILDS A CONNECTED INTERIOR CORRIDOR BETWEEN AREA A (NEW 2-STORY CLASSROOM WING) AND AREA B (EXISTING 1-STORY CLASSROOM BUILDING), PROVIDES SPRINKLERING IN AREAS A AND B, AND CONSIDERS AREAS A AND B AS ONE BUILDING FOR ALLOWABLE AREA. THE ALLOWABLE AREA CHART AND PARTIAL LIFE SAFETY PLAN ON THIS SHEET G006 ARE INTENDED TO IDENTIFY THE EGRESS PATHS FOR THE 1ST FLOOR (2ND FLOOR EGRESS REMAINS UNCHANGED) AND TO SHOW THE GROSS BUILDING AREA AS IN COMPLIANCE WITH THE ALLOWABLE AREA FOR SPRINKLERED, MULTI-STORY, TYPE IIB EDUCATION BUILDINGS.

BUILDING 2 + 3 (INCLUDING AREAS A & B)



BUILDING KEY PLAN
NTS

ALLOWABLE AREA

PRIMARY OCCUPANCY CLASSIFICATION(S):

ASSEMBLY: ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5

BUSINESS: ☐

EDUCATIONAL: ☒

FACTORY: ☐ F-1 MODERATE ☐ F-2 LOW

HAZARDOUS: ☐ H-1 DETONATE ☐ H-2 DEFLAGRATION ☐ H-3 COMBUST ☐ H-4 HEALTH ☐ H-5 HPM

INSTITUTIONAL: ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4

I-1 CONDITION ☐ 1 ☐ 2

I-2 CONDITION ☐ 1 ☐ 2

I-3 CONDITION ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

MERCANTILE: ☐

RESIDENTIAL: ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4

STORAGE: ☐ S-1 MODERATE ☐ S-2 LOW ☐ HIGH-PILED ☐ ENCLOSED ☐ OPEN ☐ PARKING GARAGE ☐ REPAIR GARAGE

UTILITY AND MISC: ☐

ACCESSORY OCCUPANCY CLASSIFICATION(S): -

INCIDENTAL USES (TABLE 509): -
THIS SEPARATION IS NOT EXEMPT AS A NON-SEPARATED USE (SEE EXCEPTIONS).

SPECIAL USES (CHAPTER 4 - LIST CODE SECTIONS): -

SPECIAL PROVISIONS (CHAPTER 5 - LIST CODE SECTIONS): -

MIXED OCCUPANCY: NO **SEPARATION:** - **EXCEPTION:** -

$\frac{\text{ACTUAL AREA OF OCCUPANCY A}}{\text{ALLOWABLE AREA OF OCCUPANCY A}} + \frac{\text{ACTUAL AREA OF OCCUPANCY B}}{\text{ALLOWABLE AREA OF OCCUPANCY B}} \leq 1$

____ + ____ + ____ = ____ ≤ 1

STORY NO.	DESCRIPTION AND USE	(A) BUILDING AREA PER STORY (ACTUAL)	(B) TABLE 506.2[2] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED[2]
1	EDUCATION / E	28,494	43,500	-	43,500
2	EDUCATION / E	17,656	43,500	-	43,500

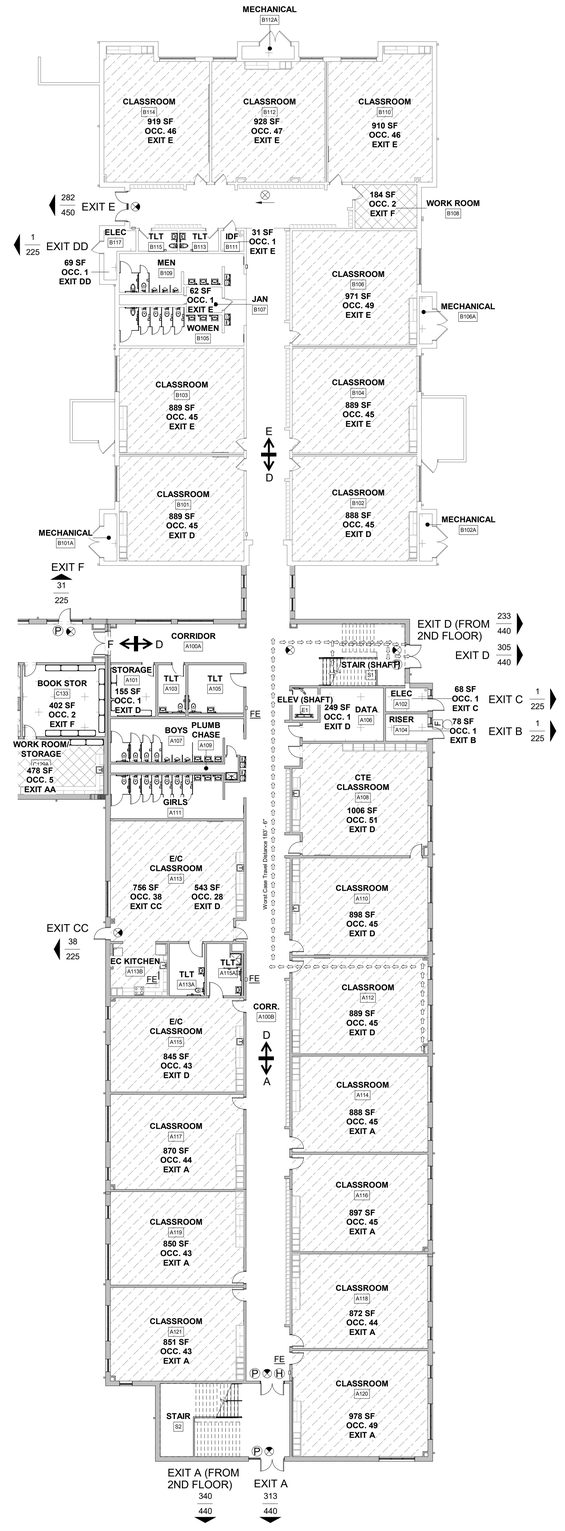
[1] - Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
b. Total Building Perimeter = _____ (P)
c. Ratio (F/P) = _____ (F/P)
d. Minimum Width of Public Way = _____ (W)
e. Percentage of frontage increase If = 100[F/P – 0.25] x W/30 = _____ (%)

[2] - Unlimited area applicable under conditions of Section 507.

[3] - Maximum Building Area = total number of stories in the building x D (506.2)

[4] - The maximum area of open parking garages must comply with 406.5.4. The maximum area of traffic control towers must comply with Table 412.3.1.

[5] - Frontage increase is based on the unsprinklered area value in Table 506.2.



A6 LIFE SAFETY PLAN - FIRST FLOOR PLAN - BID ALT NO. 2
1/16" = 1'-0"

LIFE SAFETY PLAN GENERAL NOTES:

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LIFE SAFETY PLAN SYMBOL LEGEND

EXIT X — 0 INDICATES EXIT POPULATION; 0 INDICATES EXIT CAPACITY (POPULATION); DENOTES EXIT DIRECTION ARROW, TYP.; DENOTES EXIT

A ⟷ B LOCATION WHERE TRAVEL DISTANCE TO 2 EXITS IS EQUIDISTANT

WORST-CASE TRAVEL DISTANCE

WORST-CASE COMMON PATH OF TRAVEL

DEAD END CORRIDOR — DEAD END CORRIDOR

F INDICATES PULL STATION

FE INDICATES FIRE EXTINGUISHER

H INDICATES HOLD OPEN

P INDICATES PANIC HARDWARE

ROOM NAME 101 — ROOM NAME; ROOM NUMBER

150 SF OCC. 20 EXIT A — AREA; OCCUPANT CAPACITY; EXIT

EXIT LIGHT FIXTURE; EXIT DIRECTIONAL ARROW

LIFE SAFETY PLAN OCCUPANCY KEY

ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM (300 SF/OCC. GROSS)

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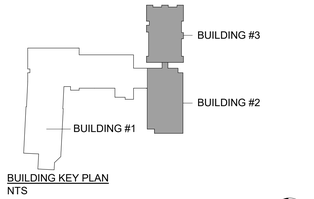

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SHEET TITLE

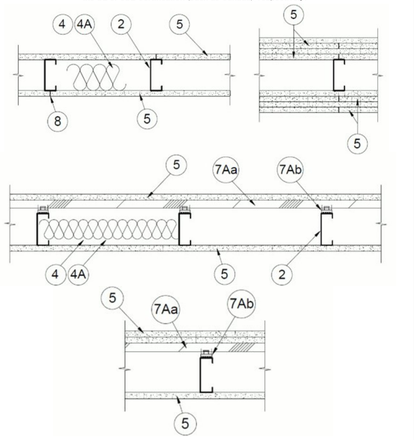
LIFE SAFETY PLAN - BID ALT NO. 2 & TOILET COUNTS

G006

Design No. U419
March 15, 2024

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5J)

***Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Floor and Ceiling Runners** — (Not Shown) — For use with Item 2 — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

1A. **Framing Members* — Floor and Ceiling Runner** — Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

CEMCO, LLC — Viper25™ Track
CRACO MFG INC — SmartTrack25™ Track
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track
IMPERIAL MANUFACTURING GROUP INC — Viper25™ Track

1B. **Framing Members* — Floor and Ceiling Runner** — Not Shown — In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

CEMCO, LLC — Viper20™ Track
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track
IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track

1C. **Framing Members* — Floor and Ceiling Runners** — (Not Shown) — In lieu of Item 1 — Channel shaped, attached to floor and ceiling with fasteners 24 in. OC. max.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20
CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20
QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20
SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20
STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D20/30EQD and Type SUPREME D20
TELLING INDUSTRIES LLC — Type SUPREME D24/30EQD and Type SUPREME D20
UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

1D. **Floor and Ceiling Runners** — (Not Shown) — For use with Item 2A — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1E. **Framing Members*** — Floor and Ceiling Runners — (Not Shown, As an alternate to Item 1) — For use with Items 2E, 5F or 5G or 5I only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK
DMFCWBS LLC — ProTRAK
MBA METAL FRAMING — ProTRAK
RAM SALES LLC — Ram ProTRAK
STEEL STRUCTURAL PRODUCTS LLC — Tri-S ProTRAK

1F. **Framing Members*** — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2F, proprietary channel shaped runners, minimum width to accommodate stud size, with 1- 1/8 in. long legs fabricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

SUPER STUD BUILDING PRODUCTS — The Edge

1G. Framing Members* — Floor and Ceiling Runner — For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners 24 in. OC max.

STUDCO BUILDING SYSTEMS — CROCSTUD Track

1H. Floor and Ceiling Runners — (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.018 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100
IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track VT100

1I. **Framing Members*** — Floor and Ceiling Runners — (Not Shown, As an alternate to Item 1) — For use with Items 2H, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

TELLING INDUSTRIES LLC — TRUE-TRACK™

1J. **Framing Members*** — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2I, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

1K. **Framing Members*** — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2J, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

1L. **Framing Members*** — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2N, proprietary channel shaped runners, 1-1/4 in. wide by min. 3-1/2 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

RESCUE METAL FRAMING, LLC — AlphaTRAK

1M. **Framing Members*** — Floor and Ceiling Runners — Not Shown — As an alternate to Item 1 — For use with Item 2O, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

RONDO BUILDING SERVICES PTY LTD — Rondo Wall Track

1N. **Framing Members*** — Floor and Ceiling Runners — Not Shown — As an alternate to Item 1 — For use with Item 2P, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

OEG BUILDING MATERIALS — OEG Track

1O. **Framing Members*** — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2Q, proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max.
CEMCO, LLC — Viper X Track

1P. **Framing Members*** — Floor and Ceiling Runner — (Not Shown — Alternate to Item 1) — For use with Item 2R, channel shaped runners pre-equipped with proprietary attachment clips. Min. 3-5/8 in. wide. Legs of top runners minimum 3-1/4 in. wide. Legs of bottom runners minimum 1-1/2 in. wide. Runners attached to floor and ceiling with fasteners 24 in. OC max.

HYPERFRAME INC - Hypertrack

1Q. **Framing Members*** — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2S , proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 20 EQ/22 mils. (min. 0.0221 in. thick) galvanized steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

JJC INTERNATIONAL DISTRIBUTORS — Non-structural Tracks 3-5/8" and 6".

1R. **Framing Members*** — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2T, proprietary channel shaped runners ,min width to accommodate stud size, fabricated from min. 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max

IRONLINE METALS LLC — Bantam Track.

2. **Steel Studs** — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

2A. **Steel Studs** — (As an alternate to Item 2, For use with Items 5B, 5E, 5H, 5J or Type ULIX) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2B. **Framing Members*** - Steel Studs — (As an alternate to Item 2, For use with Items 5C, 5I or Type ULIX) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.

CEMCO, LLC — Viper25™
CRACO MFG INC — SmartStud25™
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™
IMPERIAL MANUFACTURING GROUP INC — Viper25™

2C. **Framing Members*** — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

CEMCO, LLC — Viper20™
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™
IMPERIAL MANUFACTURING GROUP INC — Viper20™

2D. **Framing Members*** — Steel Studs — In lieu of Item 2 — Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20
CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20
QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20
SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20
STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D20/30EQD and Type SUPREME D20
TELLING INDUSTRIES LLC — Type SUPREME D24/30EQD and Type SUPREME D20
UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

2E. **Framing Members*** — Steel Studs — (Not Shown, As an alternate to Item 2) — For use with Items 5F or 5G or 5I or Type ULIX only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD
DMFCWBS LLC — ProSTUD
MBA METAL FRAMING — ProSTUD
RAM SALES LLC — Ram ProSTUD
STEEL STRUCTURAL PRODUCTS LLC — Tri-S ProSTUD

2F. **Framing Members*** — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights.

SUPER STUD BUILDING PRODUCTS — The Edge

2G. **Framing Members*** — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height.

STUDCO BUILDING SYSTEMS — CROCSTUD

2H. **Framing Members*** — Steel Studs — (Not Shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

TELLING INDUSTRIES LLC — TRUE-STUD™

2I. **Framing Members*** — Steel Studs —

2J. **Framing Members*** — Metal Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights

2K. **Framing Members*** — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

EB METAL INC — NITROSTUD

2L. **Framing Members*** — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

OLMAR SUPPLY INC — PRIMESTUD

2M. **Framing Members*** — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2N. **Framing Members*— Steel Studs** — As an alternate to Item 2 — proprietary channel shaped steel studs, min depth 3-1/2 in. and as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in length than assembly height.

RESCUE METAL FRAMING, LLC — AlphaSTUD

2O. **Framing Members*** — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.

RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud

2P. **Framing Members*** — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, min 25 MSG galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.

OEG BUILDING MATERIALS — OEG Stud

2Q. **Framing Members*** — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1O, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

CEMCO, LLC — Viper X

2R. **Framing Members*** — Steel Studs — (Not Shown — Alternate to Item 2, For use with Item 1P) — Channel shaped steel studs with attachment clips at top and bottom, min 3-5/8 in. depth, spaced a max of 24 in. OC. Studs clipped into floor and ceiling runners (Item 1P). Max 2-3/8 in. extension reveal from top of stud to inside of ceiling runner.

HYPERFRAME INC— Hyperstud

2S. **Framing Members*** — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1Q, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min. 20 EQ/22 mils. (min. 0.0221 in. thick) galvanized steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

JJC INTERNATIONAL DISTRIBUTORS — Non-structural Studs 3-5/8" and 6".

2T. **Framing Members*** — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1R, proprietary channel shaped steelstuds, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

IRONLINE METALS LLC — Bantam Stud.

3. **Wood Structural Panel Sheathing** — (Optional, For use with Item 5 Only) — (Not Shown) — 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in.

4. **Batts and Blankets*** — (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5.

See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

4A. **Batts and Blankets*** — (Optional – as an alternate to item 4) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.

See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

4B. **Fiber, Sprayed*** — (Optional – as an alternate for items 4 or 4A, for use with Type ULIX) Where insulation is required - Spray applied granulated mineral fiber material. The fiber is applied with adhesive at a minimum density of 4.0 pcf to completely fill the wall cavity in accordance with the application instructions supplied with the product. See Fiber, Sprayed (CCAZ).

AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

4C. **Foamed Plastic*** — (As an alternate for items 4, 4A or 4B, for use with Item 5K) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for 2 hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MSG steel thickness.

CARLISLE SPRAY FOAM INSULATION — Types SealTite ONE, SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OCX, SealTite Pro No Trim 21, SealTite Pro One Zero, Foamulate Closed Cell, Foamulate OCX, Foamulate 70, and Foamulate HFO.

4D. **Foamed Plastic*** — (As an alternate for items 4, 4A or 4B, for use with Item 5K) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for up to 2 hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MSG steel thickness.

BASF CORP - Enertite® NM, Enertite® G, FE178®, Spraytite® 178, Spraytite® 8126, Wallitite® 200, Wallitite® US, Wallitite® US-N, Wallitite HP+, FE137®, FE158®, Sprayfoam® 158, Sprayfoam® SP, Sprayfoam® 81205, Sprayfoam® Comfort XL, Wallitite® XL, Wallitite® MAX, Wallitite® LWP, Wallitite® Plus and Enertite® Max

5. **Gypsum Board*** — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) with Type ULIX need not be staggered. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layer, 1/2 in. thick	Optional
2	1-5/8	2 layer, 5/8 in. thick	Optional
2	3-1/2	1 layer, 3/4 in. thick	3 in.
3	1-5/8	3 layer, 1/2 in. thick	Optional
3	1-5/8	2 layer, 3/4 in. thick	Optional
3	1-5/8	3 layer, 5/8 in. thick	Optional
4	1-5/8	4 layer, 5/8 in. thick	Optional
4	1-5/8	4 layer, 1/2 in. thick	Optional
4	2-1/2	2 layer, 3/4 in. thick	2 in.

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE
THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Type C and 5/8 in. thick Type SCX
UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SGX, SHX, ULIX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE
USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE
USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, Steel Framing Members*, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.

5A. **Gypsum Board*** — (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.

CGC INC — Type SHX
UNITED STATES GYPSUM CO — Type FRX-G, SHX.
USG MEXICO S A DE C V — Type SHX.

5B. **Gypsum Board*** — (Not Shown) — As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) — Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12).

RAY-BAR ENGINEERING CORP — Type RB-LBG

5C. **Gypsum Board*** — (For Use With Item 2B) — Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.

CGC INC — Type SCX, ULIX.
THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX
UNITED STATES GYPSUM CO — Type SCX, SGX, ULIX.
USG BORAL DRYWALL SFZ LLC — Type SCX
USG MEXICO S A DE C V — Type SCX

5D. Gypsum Board* — (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only.

CGC INC — Type USGX
UNITED STATES GYPSUM CO — Type USGX
USG BORAL DRYWALL SFZ LLC — Type USGX
USG MEXICO S A DE C V — Type USGX

5E. Gypsum Board* — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

5F. **Gypsum Board*** — (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in.

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX
UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX, ULIX
USG BORAL DRYWALL SFZ LLC — 5/8 in. thick Type SCX, SGX

5G. **Gypsum Board*** — (As an alternate to Item 5) — For use with Items 1E and 2E only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2E	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
2	1-5/8	2 layer, 1/2 in. thick	Optional
2	1-5/8	2 layer, 5/8 in. thick	Optional
3	1-5/8	3 layer, 1/2 in. thick	Optional
3	1-5/8	3 layer, 5/8 in. thick	Optional
4	1-5/8	4 layer, 5/8 in. thick	Optional
4	1-5/8	4 layer, 1/2 in. thick	Optional

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR;, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX or 3/4 in. thick Types IP-X3 or ULTRACODE
THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Type C and 5/8 in. thick SCX
UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1,
AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR, ULIX; 3/4 in. thick Types IP-X3 or ULTRACODE
USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE
USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

5H. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A).

MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

5I. **Gypsum Board*** — (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5.

CGC INC — Type ULIX, ULX
UNITED STATES GYPSUM CO — Type ULIX, ULX
USG MEXICO S A DE C V — Type ULX

5J. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

5K. **Gypsum Board*** — (As an alternate to Item 5 when Foam Plastic insulation (Items 4C or 4D) is used) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 5 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels secured to studs with 1-1/4 in. long Type S steel screws spaced 8 in. OC at perimeter and in the field. For 2 layer assemblies outer layer will be attached to studs over inner layer with the 1-7/8 in. long steel screws spaced 8 in. OC.

6. **Fasteners** — (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). Single layer systems: 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. Single layer system with Type ULIX: 1 in. long, spaced 12 in. OC in the field and perimeter, when panels are applied horizontally or vertically.Two layer systems: First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 12 in. OC with screws offset 8 in. from first layer.Three-layer systems: First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. Four-layer systems: First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

7. **Furring Channels** — (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A.

7A. **Furring Members*** — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.

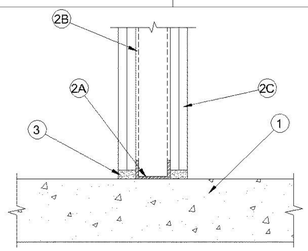
PAC INTERNATIONAL LLC — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

7B. **Framing Members*** — (Optional,

System No. BW-S-0001

January 26, 2015

ANSI/UL2079	
Assembly Ratings — 1 and 2 Hr (See Items 1 and 2)	F Ratings — 1 and 2 Hr (See Item 2)
Nominal Joint Width - 3/4 In.	FT Ratings — 1 and 2 Hr (See Item 2)
L Rating At Ambient — Less Than 1 CFM/Lin Ft	FH Ratings — 1 and 2 Hr (See Item 2)
L Rating At 400° F — Less Than 1 CFM/Lin Ft	FTH Ratings — 1 and 2 Hr (See Item 2)
	Nominal Joint Width - 3/4 In. Max
	L Rating At Ambient — Less Than 1 CFM/Lin Ft
	L Rating At 400° F — Less Than 1 CFM/Lin Ft



1. **Floor Assembly** — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m3) structural concrete. Floor may also be constructed of any 6 in. (152 mm) thick UL Classified hollow-core **Precast Concrete Units***.

See **Precast Concrete Units** category in the Fire Resistance Directory for names of manufactures.
CAN/ULC S115

2. **Wall Assembly** — The 1 or 2 h fire-rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400 or V400 Series Wall or Partition Design in the UL Fire Resistance Directory. In addition, the wall may incorporate a head-of-wall joint system constructed as specified in the HW Series Joint Systems in the UL Fire Resistance Directory. The wall shall include the following construction features:

A. **Steel Floor Runner** — Floor runners of wall assembly shall consist of min No. 25 gauge galv steel channels sized to accommodate steel studs (Item 2B). Floor runners to be provided with min 1-1/4 in. (32 mm) flanges. Runners secured with steel fasteners spaced 12 in. (305 mm) OC.

B. **Studs** — Steel studs to be min 2-1/2 in. (64 mm) wide. Studs cut 1/2 to 3/4 in. (13 to 19 mm) less in length than assembly height with bottom nesting in, resting on and fastened to floor runner with sheet metal screws. Stud spacing not to exceed 24 in. (610 mm) OC.

C. **Gypsum Board*** — Gypsum board installed to a min total thickness of 5/8 or 1-1/4 in. (16 or 32 mm) on each side of wall for a 1 or 2 hr rated wall, respectively. Wall to be constructed as specified in the individual U400 or V400 Series Design in the UL Fire Resistance Directory, except that a max 3/4 in. (19 mm) gap shall be maintained between the bottom of gypsum board and top of concrete floor.
The hourly fire rating of the joint system is equal to the hourly fire rating of the wall.

3. **Fill, Void or Cavity Material* Sealant — Max separation between top of floor and bottom of gypsum board is 3/4 in. (19 mm)**. For 1 and 2 hr rated wall assemblies, min 5/8 in. or 1-1/4 in. (16 or 1-1/4 mm) thickness of fill material, respectively, installed on each side of the wall between the bottom of the gypsum board and the top of the concrete floor, flush with each surface of the wall.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP601S Elastomeric Firestop Sealant, CP606 Flexible Firestop Sealant, CFS-S SIL GG, FS-ONE Sealant or FS-ONE MAX Intumescent Sealant

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

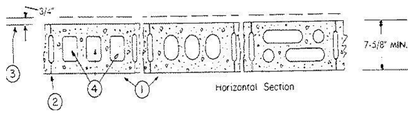
Design No. U905
April 14, 2023

Bearing Wall Rating — 2 HR.

Nonbearing Wall Rating — 2 HR

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Concrete Blocks*** — Various designs. Classification D-2 (2 hr).
See **Concrete Blocks** category for list of eligible manufacturers.

2. **Mortar** — Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

3. **Portland Cement Stucco or Gypsum Plaster** — Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).

4. **Loose Masonry Fill** — If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellant vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.

5. **Foamed Plastic*** — (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).

ATLAS ROOFING CORP — EnergyShield Pro Wall Insulation, EnergyShield Pro 2 Wall Insulation, EnergyShield CGF Pro, EnergyShield Ply Pro, EnergyShield® CGF, EnergyShield® PanelCast, EnergyShield® and "EnergyShield® XR

DUPONT DE NEMOURS, INC. — Types Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax XARMOR ci Exterior Insulation, Thermax IH Insulation, Thermax Plus Liner Panel, Thermax Heavy Duty Plus (HDP), TUFF-R™ ci Insulation, Thermax Butler Stylwall Insulation Board and Thermax Morton Heavy Duty Insulation Board

FIRESTONE BUILDING PRODUCTS CO LLC — "Enverge™ CI Foil Exterior Wall Insulation" and "Enverge™ CI Glass Exterior Wall Insulation"

HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — Types "Xci-Class A", "Xci Foil (Class A)", "Xci 286"

RMAX, A BUSINESS UNIT OF SIKA CORPORATION — Types "TSX-8500", "ECOMAXci FR", "TSX-8510", "ECOMAX xi FR White", "ECOMAXci", "ECOMAXci FR Air Barrier", "Thermasheath-XP", "Thermasheath", "Durasheath"

JOHNS MANVILLE — Type "AP Foil-Faced Foam Sheathing"

5A. **Building Units*** — As an alternate to Items 5, min. 1-in thick polyisocyanurate composite foamed plastic insulation boards, nom. 48 by 48 or 96 in.

ATLAS ROOFING CORP — EnergyShield® Ply

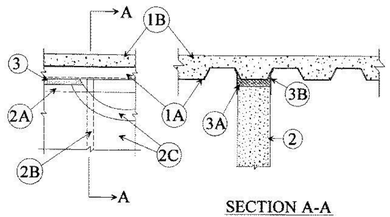
HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — "Xci NB", "Xci Ply"

RMAX, A BUSINESS UNIT OF SIKA CORPORATION — "Thermasheath-SI", "ECOBASEci", "ThermaBase-CI", "ECOMAXci FR Ply", "ECOMAXci Ply".

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

System No. HW-D-0030
January 23, 2018

ANSI/UL2079	CAN/ULC S115
Assembly Rating — 2 Hr	F Rating — 2 Hr
Nominal Joint Width - 1 In	FT Rating —2 Hr
Class II Movement Capabilities — 19% Compression or Extension	FH Rating — 2 Hr
L Rating At Ambient — Less Than 1 CFM/lin ft (See Item 3B)	FTH Rating — 2 Hr
L Rating At 400 F — Less Than 1 CFM/lin ft (See Item 3B)	Nominal Joint Width - 25 mm
	Class II Movement Capabilities —19% Compression or Extension
	L Rating At Ambient — Less Than 1.55 L/s/lin m (See Item 3B)
	L Rating At 204°C — Less Than 1.55 L/s/lin m (See Item 3B)



SECTION A-A

1. **Floor Assembly —** The fire-rated fluted steel deck/concrete floor assembly shall be constructed of the materials and in the manner described in the individual Floor-Ceiling Design in the UL Fire Resistance Directory and shall include the following construction features:

A. **Steel Floor And Form Units* —** Max 3 in. (76 mm) deep galv steel fluted floor deck .

A1. **Spray Applied Fire Resistive Material* —** (Optional, not shown) — Prior to the installation of the Forming Material and Fill, Void or Cavity Materials (Items 3A and 3B), the steel floor units may be sprayed with a min 5/16 in. (8 mm) to max 11/16 in (17 mm) thickness of fire resistive material.

GCP APPLIED TECHNOLOGIES INC — Type MK-6/HY.

B. **Concrete —** Min 2-1/2 in. (64 mm) thick reinforced concrete, as measured from the top plane of the floor units.

1A. **Roof Assembly —** (Not Shown)—As an alternate to the floor assembly, a fire rated fluted steel deck roof assembly may be used. The roof assembly shall be constructed of the materials and in the manner described in the individual P700 or P900 Series Roof-Ceiling Design in the UL Fire Resistance Directory. **The hourly rating of the roof assembly shall be equal to or greater than the hourly rating of the wall assembly.** The roof assembly shall include the following construction features:

A. **Steel Roof Deck —** Max 3 in. (76 mm) deep galv steel fluted roof deck.

B. **Roof Insulation —** (P 900 Series) - Min 2-1/4 in. (57 mm) thick poured insulating concrete, as measured from the top plane of the floor units.

C. **Roof Insulation — Mineral and Fiber Board* —** (P 700 Series) — Min 3/4 in. (19 mm) thick boards applied in one or more layers directly over steel or over gypsum board sheathing laid atop steel roof deck.

D. **Spray Applied Fire Resistive Material* —** (P700 Series, not shown)—Prior to the installation of the Deflective Channel, Forming Material and Fill, Void or Cavity Material (Items 3A, 3B, 3C), the steel floor units may be sprayed with a min 5/16 in. (8 mm) to max 11/16 in. (17 mm) thickness of fire resistive material.

GCP APPLIED TECHNOLOGIES INC — Type MK-6/HY

2. **Wall Assembly —** Min 6-1/8 in. (156 mm) thick steel-reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m^3) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***.

See **Concrete Blocks** (CAZT) category in Fire Resistance Directory for names of manufacturers.

3. **Joint System — Max separation between bottom of floor or roof and top of wall is 1 In. (25 mm). The joint system is designed to accommodate a max 19 percent compression or extension from its installed width.** The joint system consists of a forming material and a fill material, as follows:

A. **Forming Material* —** Min 6-1/2 in. (165 mm) thickness of min 4 pcf (64 kg/m^3) density mineral wool batt insulation cut a min of 20 percent wider than the gap between the top of the wall and bottom of the steel floor or roof deck . Mineral wool to be compressed and firmly packed into the gap between the top of the wall and bottom of the steel floor or roof deck.

INDUSTRIAL INSULATION GROUP L L C — MinWool-1200 Safing

ROCK WOOL MANUFACTURING CO — Delta Board or Delta-8

ROCKWOOL MALAYSIA SDN BHD — Type Safe

ROCKWOOL — Type Safe

THERMAFIBER INC — Type SAF

B. **Fill, Void or Cavity Material* —** Min 1/16 in. (1.6 mm) dry thickness (min 1/8 in. or 3.2 mm wet thickness) of fill material sprayed or brushed on each side of the wall between the top of the wall and the bottom of the steel floor or roof deck to completely cover mineral wool and overlap a min of 1/2 in. (13 mm) onto wall and steel floor or roof deck on both sides of wall. When the steel floor or roof deck is coated with spray applied material, the fill material shall overlap min 2 in. (51 mm) onto the spray applied material.

3M COMPANY — FireDam™ Spray 200

B1. **Fill, Void or Cavity Material* — Tape —** As an alternate to Item B, Tape cut to size and press applied along length of joint to completely cover mineral wool and lap min 1 in. (25 mm) onto the steel floor units, or min 2 in. (51 mm) onto the spray applied fire resistive material (Item 1A1) on the steel floor units, and min 1 in. (25 mm) onto concrete wall. Adjoining lengths of Tape shall overlap min 1/2 in. (13 mm). Tape shall be applied at both sides of wall.

3M COMPANY — 3M Fire and Water Barrier Tape

L Ratings apply only when FireDam™ Spray 200 is used.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

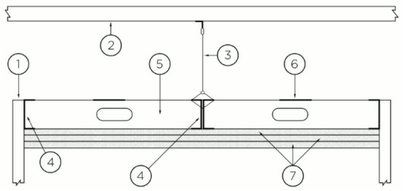
Design No. I504

June 13, 2024

Ceiling Membrane Rating - 1 Hr.
Load Restriction - Limited to the Dead Weight of the Assembly

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

1 Hour System



1. **Supporting Structure #1** — Fire-resistance rated. Suitable point of attachment of C-Channels (Item 4).

2. **Supporting Structure #2** — If necessary - Suitable point of attachment of hanger wire (Item 3).

3. **Hanger Wire** — If necessary - Min. 8 gauge steel wire, hung from holes punched in C-Channel (Item 4). Hanger wire spaced nominally 24 in. OC.

4. **C-Channels** — Used to support steel studs at both ends. Min. 3-5/8 in. deep with min. 1-1/4 in. legs and formed from min. No. 20 MSG galv. steel. Perimeter channels attached to a fire-resistance rated supporting structure (Item 1) with fasteners spaced not greater than 24 in. O.C. at both the top and bottom of the vertical leg. When used with Items 2 and 3, C-Channel secured back to back with 1/2 in. Type S screws spaced 24 in. OC along centerline of C-Channels. Where C-Channels form a butt joint, screws placed at both top and bottom of both sides of butt joint.

5. **Steel Studs** — Min. 3-5/8 in. wide with min. 1-5/8 in. legs containing folded back flanges and formed from min. No. 20 MSG galv. Steel. Studs to be cut 3/8 in. to 5/8 in. less than the clear span between the vertical legs of the perimeter channels. Studs spaced a max. 16 in. OC. At each end of the stud, the top and bottom legs shall be secured to the perimeter channel with one 3/8 in. long pan-head steel screw. Studs are used at each end of the horizontal barrier to terminate the assembly at the adjoining wall. These end studs shall be secured to the adjoining wall in the same manner as the perimeter channels (Item 4). Maximum unsupported length of studs not to exceed 8 ft. 1 in.

6. **Steel Strap** — Min 4 in. wide formed from min. No. 20 MSG galv. Steel. Secured perpendicular to the studs at the centerline of the span using one 3/8 in. long pan-head steel screw. Strips to overlap one full stud bay at splice locations. As an alternate to the steel strap, C-Channels (Item 4) may be substituted and installed in the same manner as the steel straps. If a continuous piece is not used, abut channels on each side of the centerline of the span and overlap one full stud bay.

6A. **Framing Members*** — As an alternate to items 3, 4, 5, and 6 - Main runners, cross tees, cross channels and wall angle as listed below:
a. Main Runners — Nom 10 or 12 ft long , 15/16 in. or 1-1/2 in. wide face, spaced 4 ft OC. Main runners suspended by min 12 SWG galv steel hanger wires spaced 24 in. OC, twist tied to supporting structure.
b. Cross Tees — Nom 4 ft long, 1-1/2 in. wide face, installed perpendicular to the main runners, spaced 16 in. OC. The cross tees or cross channels may be riveted or screw attached to the wall angle or channel to facilitate the ceiling installation.
c. Cross Channels — Nom 4 ft long, installed perpendicular to main runners, spaced 16 in. OC.
d. Wall Angle or Channel — — Painted or galv steel angle with 1 in. legs or channel with 1 in. legs, 1-9/16 in. deep attached to walls at perimeter of ceiling with fasteners 16 in. OC. To support steel framing member ends and for screw-attachment of the gypsum panel.
ARMSTRONG WORLD INDUSTRIES INC — Type DFR-8000.

7. **Gypsum Board*** — Three layers of nom. 5/8 in. thick gypsum board installed with long dimension perpendicular to the steel studs or Framing Members*. Base secured to studs and perimeter channels with 1 in. long Type S steel screws spaced max. 16 in. OC. Middle layer secured to the studs or Framing Members* and perimeter supports with 1-5/8 in. long Type S steel screws spaced max. 16 in. OC. Middle layer edge and end joints staggered a min. 16 in. from base layer joints. Face layer secured to the studs or Framing Members* and perimeter supports with 2-1/4 in. long Type S steel screws spaced max. 12 in. OC. Face layer edge and end joints staggered a min. 16 in. from middle layer joints.
NATIONAL GYPSUM CO — Type FSW, FSW-6, FSW-C, eXP-C

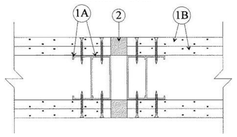
8. **Joint Tape and Compound** — Not Shown — (Optional, Not Required On Joints or Screw Heads) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, nom. 2 in. wide, embedded in first layer of compound over all joints.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

System No. WW-S-0004

May 09, 2013

Assembly Rating — 2 Hr.
Joint Width — 3/4 In.



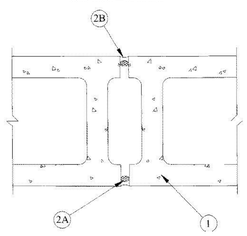
1. **Wall Assembly —** Nonbearing 2 hr fire rated gypsum wallboard/stud assembly constructed of the materials and in the manner described in the individual U400-Series Wall or Partition Design in the UL Fire Resistance Directory and shall include the following construction features:
A. **Studs —** Min 3-5/8 in. (92 mm) wide by 1-1/4 in. (32 mm) deep corrosion protected min 25 MSG steel channels. Steel stud spacing not to exceed 24 in. (610 mm) OC.
B. **Gypsum Board* —** Two layers 5/8 in. (16 mm) thick gypsum wallboard, as specified in the individual U400-Series Design.
2. **Joint System —** Max width of joint is 3/4 in. (19 mm). The joint system shall consist of the following:
Fill, Void or Cavity Material* — Min 1-1/4 in. (32 mm) thickness of fill material applied within the joint, flush with each surface of wall.
3M COMPANY — FB-1000 NS, FB-2000 or FB-2000+

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

System No. WW-S-0034

August 03, 2001

Assembly Rating — 2 Hr
L Rating At Ambient — 4 CFM/Lin Ft
L Rating At 400 F — 6 CFM/Lin Ft
Joint Width —1/2 in. Max



1. Wall Assembly — Min 7-1/2 in. thick UL Classified Concrete Blocks* or min 7-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) structural concrete.
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Joint System** — Max width of joint is 1/2 in. The joint system shall consist of the following:
A. **Forming Material** — Nom 3/4 in. diameter polyethylene backer rod compressed and installed into joint. Packing material to be recessed from each surface of wall as required to accommodate the required thickness of fill material.
B. **Fill, Void or Cavity Material*** — Min 1/4 in. thickness of fill material applied within the joint, flush with both surfaces of wall.
3M COMPANY — FD 150+

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.daviskane.com

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

REVISIONS

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PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:33:28 AM

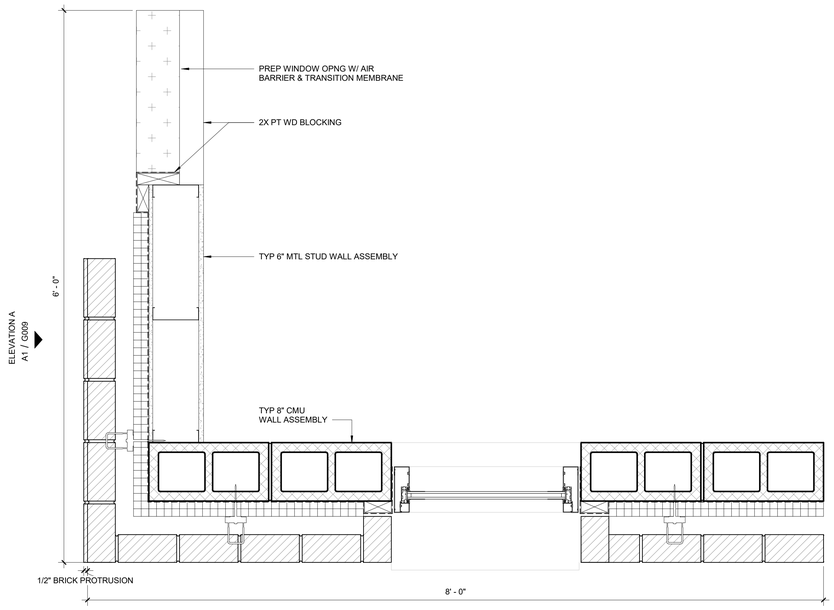
DATE ISSUED

BID DOCUMENTS
01/10/2025

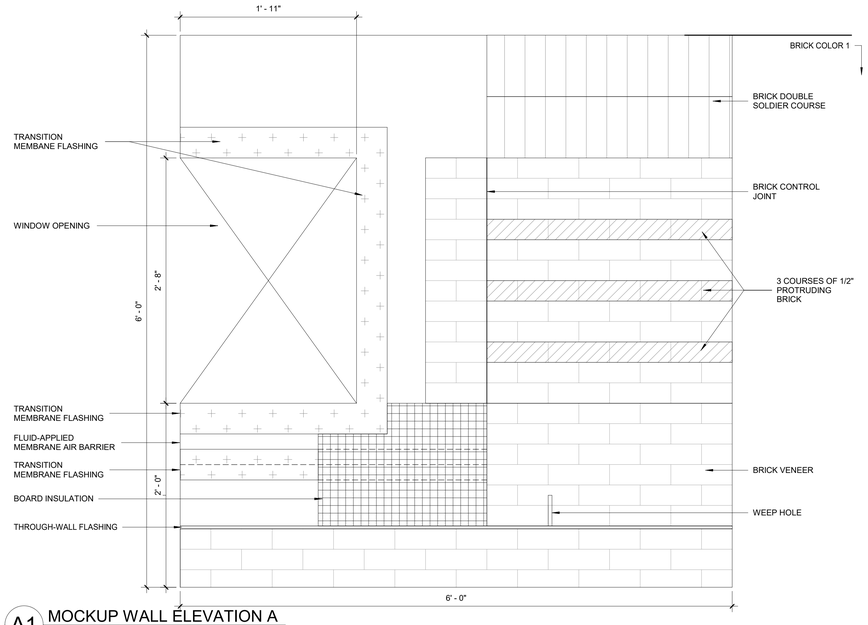
SHEET TITLE

RATED ASSEMBLIES

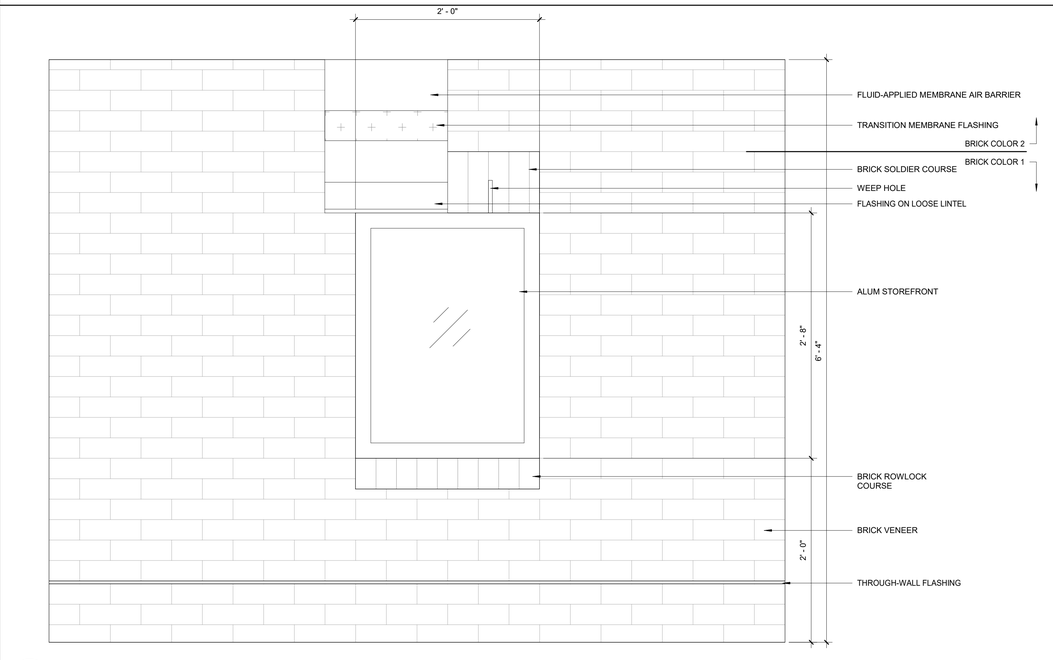
G008



E1 MOCKUP WALL PLAN
1 1/2" = 1'-0"



A1 MOCKUP WALL ELEVATION A
1 1/2" = 1'-0"



A5 MOCKUP WALL ELEVATION B
1 1/2" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. 50304 PROFESSIONAL ENGINEER NORTH CAROLINA RALEIGH, N.C.

ROBERT C. STEVENSON 6214 PROFESSIONAL ENGINEER NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
2401

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PA: ROBERT STEVENSON
PM: Checker
Drawn By: BECCA YMKER
Plot Date: 1/16/2025 5:33:28 AM

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
MOCKUP WALL DETAILS

G009

WAYNE COUNTY PUBLIC SCHOOLS
ROSEWOOD MIDDLE SCHOOL ADDITION

BID SET

JANUARY 10, 2025

DAVIS KANE ARCHITECTS, P.A.
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CLH DESIGN, P.A.
400 Regency Forest Drive
Suite 120
Cary, North Carolina 27518
Phone: (919)319-6716
Fax: (919)319-7516
LA: C-106, PE: C-1595

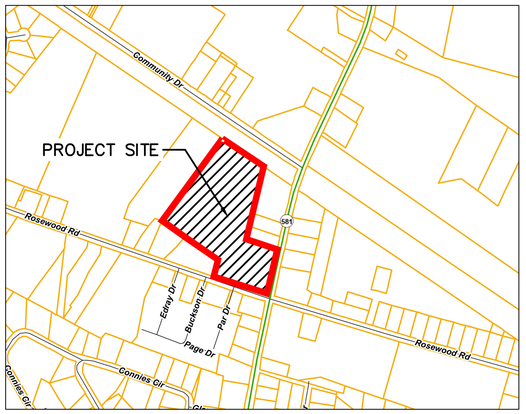
SITE DATA:

PROJECT:	ROSEWOOD MIDDLE SCHOOL ADDITION
OWNER:	WAYNE COUNTY PUBLIC SCHOOLS
OWNER CONTACT:	DR.TIM HARRELL 2001 E. ROYALL AVE GOLDSBORO, NC 27534 PHONE: 919-705-6192
LANDSCAPE ARCHITECT/CIVIL ENGINEER: DESIGNER CONTACT:	CLH DESIGN, PA RACHEL WATSON, PLA 400 REGENCY FOREST DR., SUITE 120 CARY, NC 27518 PHONE: 919-443-4073
ARCHITECT: DESIGNER CONTACT:	DAVIS KANE ARCHITECTS, PA BETH KING - AIA 503 OBERLIN ROAD, SUITE 300 RALEIGH, NC 27605 PHONE: 919-719-2811
PROJECT ADDRESS:	541 NORTH CAROLINA 581 S GOLDSBORO, NC 27530
PIN:	2870674264
ZONING:	RESIDENTIAL/ AGRICULTURAL- RA-20
EXISTING USE:	PUBLIC SCHOOL
PROPOSED USE:	PUBLIC SCHOOL
TRACT AREA:	12.87 ACRES
DISTURBED AREA:	6 ACRES
BUILDING GFA:	90,600sf- ALL BID ALTERNATES ACCEPTED
BUILDING HEIGHT PERMITTED:	35'
BUILDING SETBACKS:	FRONT 40', SIDE 20', REAR 25'
CONSTRUCTION TYPE:	II-B
PROPOSED SEWER FLOW:	10,800 GPD
PROPOSED FIRE FLOW:	1,563 GPM
PROPOSED IMPERVIOUS SURFACE AREA:	TOTAL PRE-DEVELOPMENT: 170, 113 SF (3.91 AC) TOTAL POST DEVELOPMENT: 188,861 SF (4.34 AC)
PARKING REQUIRED:	1 SPACE PER CLASSROOM 28 CLASSROOMS (BASE BID) = 28 SPACES REQUIRED 36 CLASSROOMS (ALTERNATE BID) = 36 SPACES REQUIRED
PARKING PROVIDED:	73 TOTAL SPACES
TOTAL H/C SPACES REQ'D:	BUS DROP OFF/ PICK UP: 19 SPACES TOTAL, 1 H/C SPACES REQUIRED PARENT DROP OFF/ PICK UP: 54 SPACES TOTAL, 3 H/C SPACES REQUIRED
TOTAL H/C SPACES PROVIDED:	BUS DROP OFF/ PICK UP: 1 SPACE PROVIDED PARENT DROP OFF/ PICK UP: 3 H/C SPACES PROVIDED

SHEET INDEX:

SITE- CIVIL	
C-0.00	COVER SHEET
C-0.01	OVERALL SITE PLAN
C-1.01	STAKING PLAN
C-1.02	PAVEMENT MARKING PLAN
C-2.01	EXISTING CONDITIONS & DEMOLITION PLAN
C-3.01	GRADING & DRAINAGE PLAN
C-4.01	EROSION CONTROL PLAN
C-5.01	UTILITY PLAN
C-6.01	LANDSCAPE PLAN SCHEDULE & NOTES
C-7.00	EROSION CONTROL & SCM DETAILS
C-7.01	EROSION CONTROL & SCM DETAILS
C-7.02	EROSION CONTROL & SCM DETAILS
C-7.03	EROSION CONTROL & SCM DETAILS
C-8.01	STAKING DETAILS
C-8.02	STAKING DETAILS
C-8.03	STAKING DETAILS
C-9.00	UTILITY & STORM DRAINAGE DETAILS
C-9.01	UTILITY & STORM DRAINAGE DETAILS

VICINITY MAP

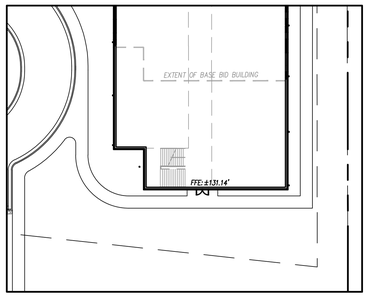


SCALE – 1 IN. = 500 FT.

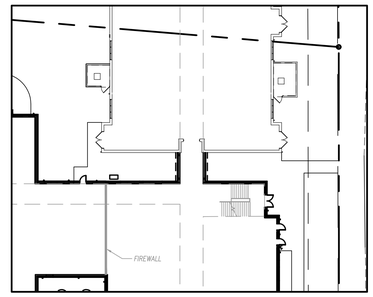
WAYNE COUNTY PUBLIC SCHOOLS
ROSEWOOD MIDDLE SCHOOL ADDITION
541 NORTH CAROLINA 581 S
GOLDSBORO, NC 27530

C-0.00

CLH PROJECT NO: 22-158



ADD ALTERNATE 1



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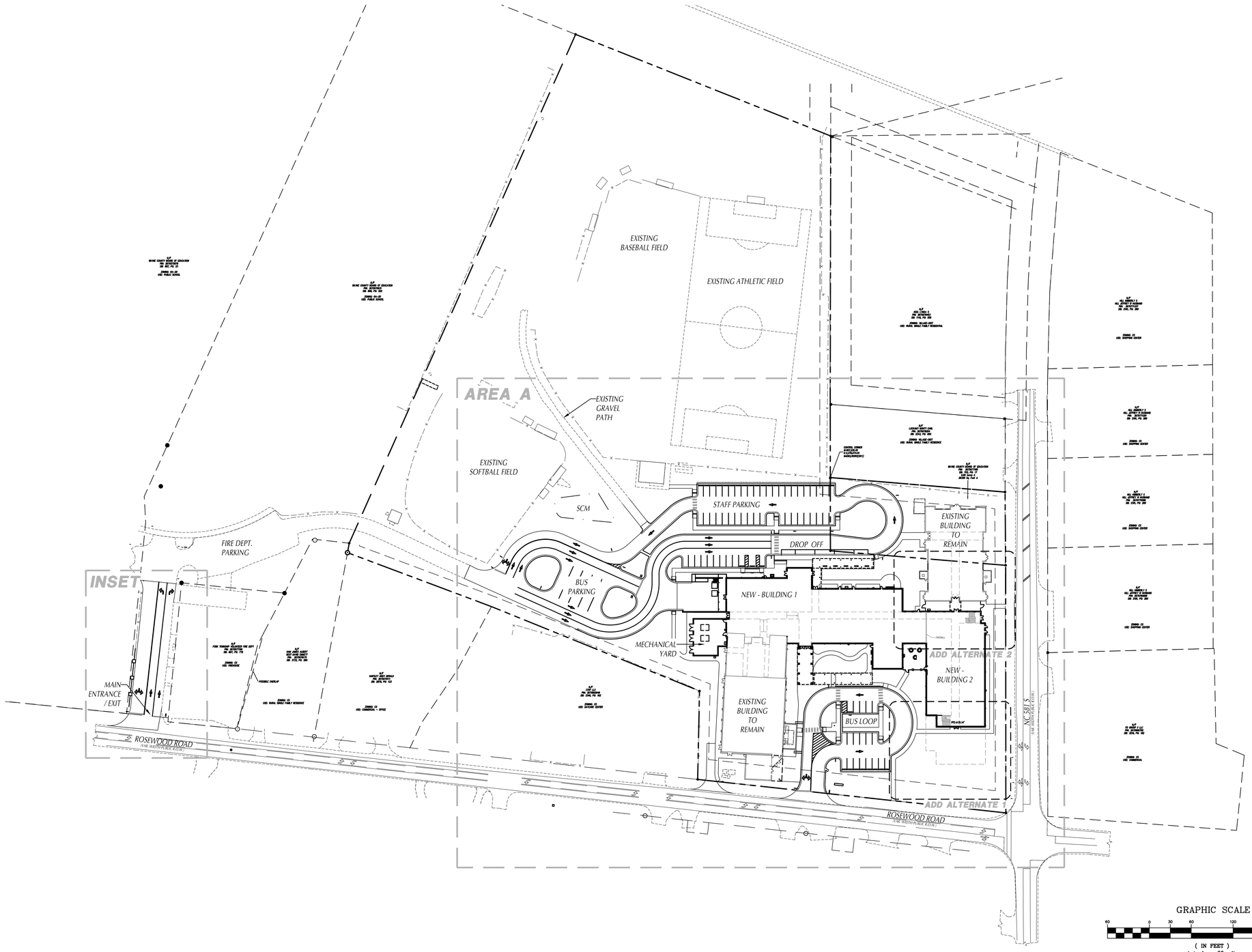

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)

1 inch = 60 ft.

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Phone: (919)319-0706
Fax: (919)319-7516
LA: C-108, PE: C-1595

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1906 RENEE C. PFEIFER

01/10/25

DKA JOB NUMBER
2401

REVISIONS

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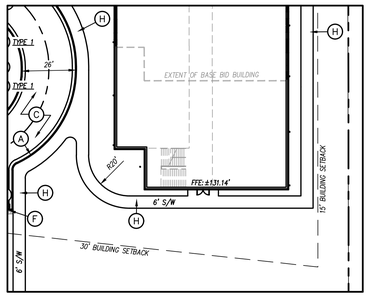
PA:	RENEE PFEIFER
PM:	RW
Drawn By:	PH
Plot Date:	01/08/2025

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
OVERALL SITE PLAN

C-0.01



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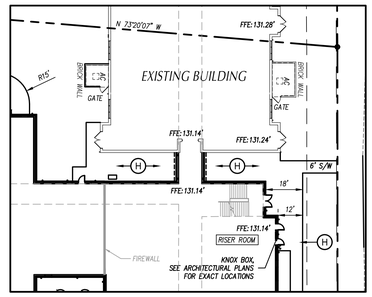

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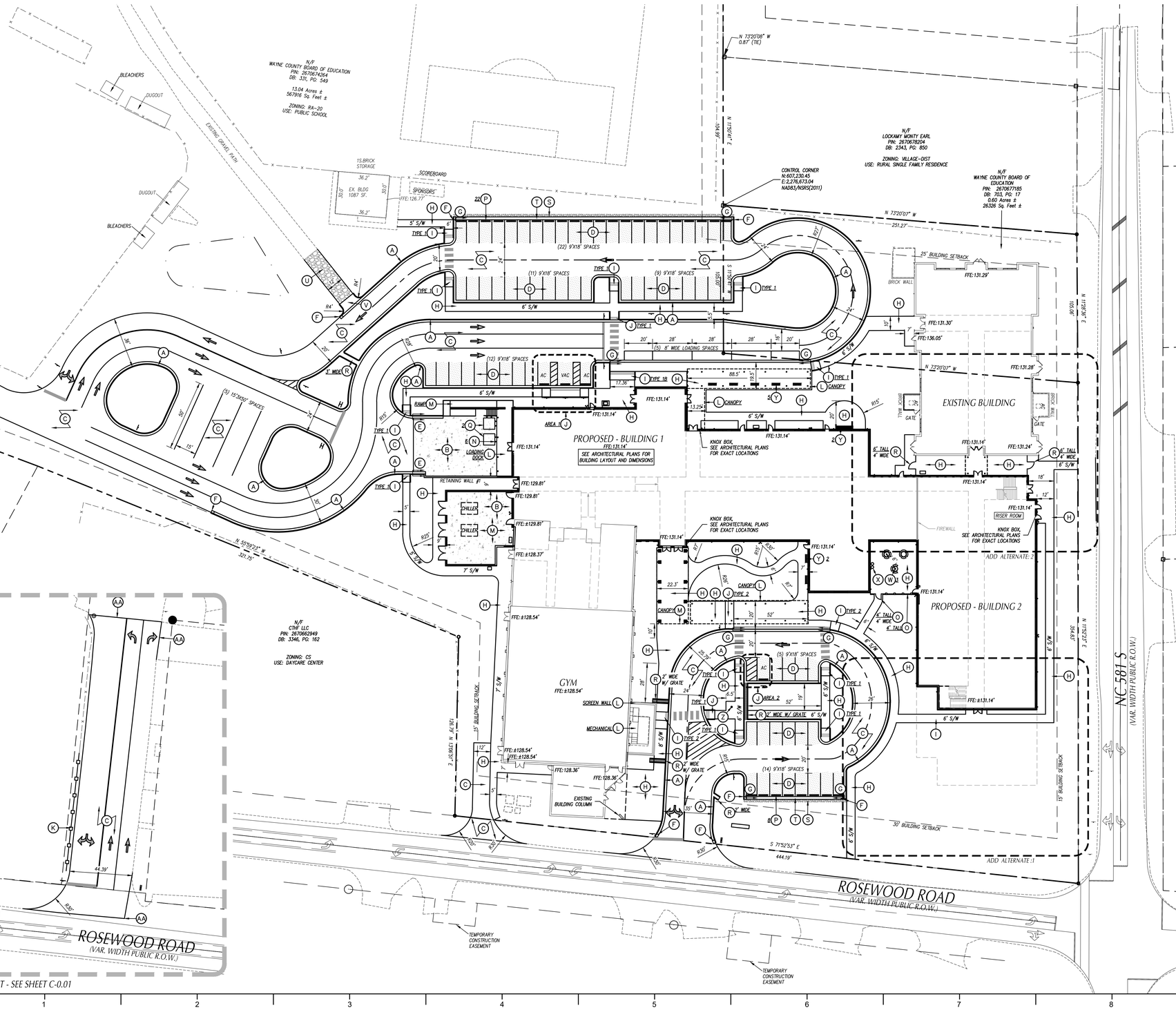
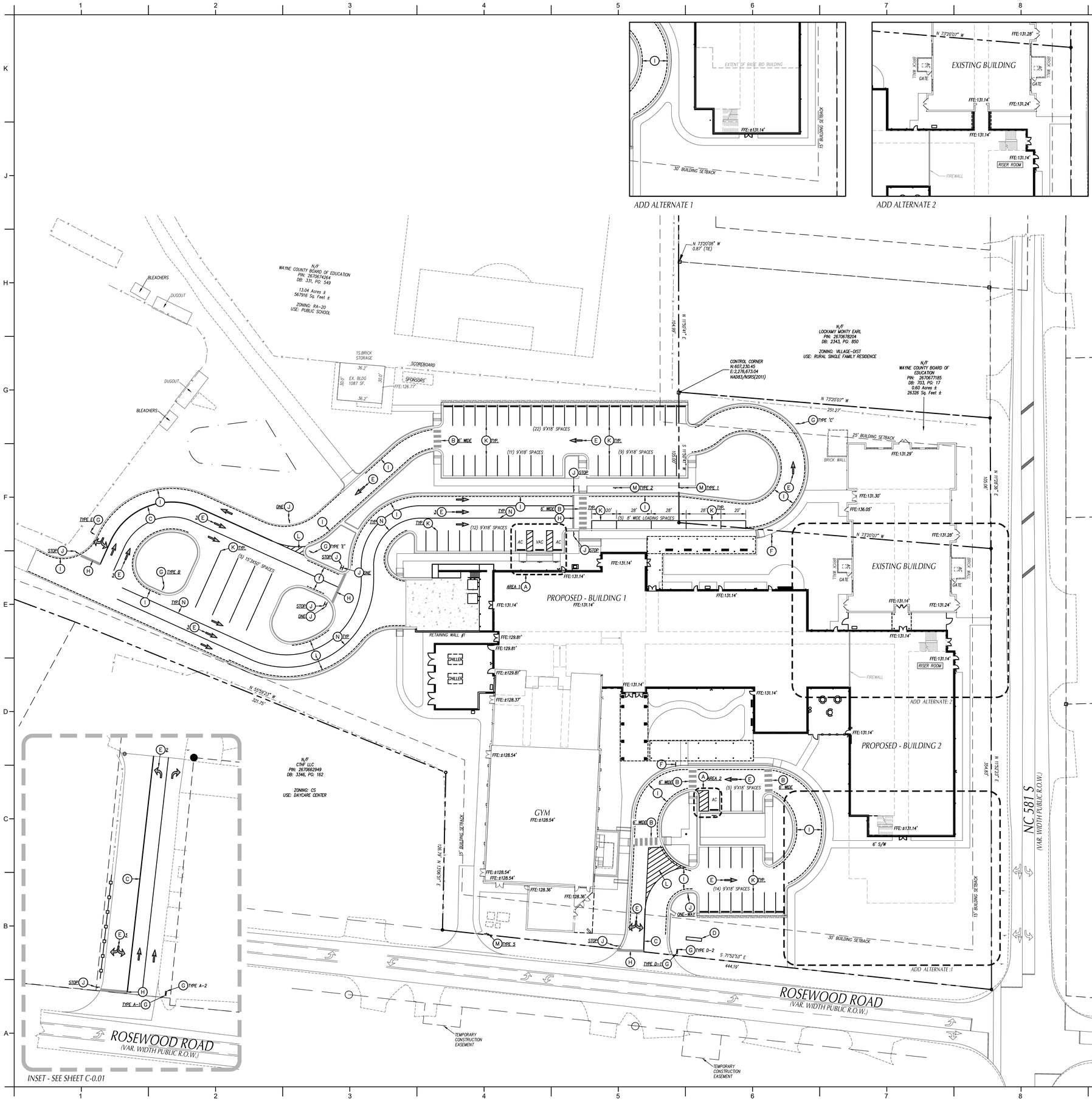

N/F
WAYNE COUNTY BOARD OF EDUCATION
PIN: 2670674264
DB: 331, PG: 549
13.04 Acres ±
567916 Sq. Feet ±
ZONING: RA-20
USE: PUBLIC SCHOOL
BLEACHERS
DUGOUT
EXISTING GRAVEL PATH
DUGOUT
BLEACHERS
15 BRICK STORAGE
36.2'
30.0'
EX. BLDG 1087 SF.
30.0'
36.2'
SCOREBOARD
SPONSORS
FFE:126.77'
N 73°20'08" W
0.87' (TIE)
N 17°52'47" E
159.93'
N/F
LOCKAMY MONTY EARL
PIN: 2670678204
DB: 2343, PG: 850
ZONING: VILLAGE-DIST
USE: RURAL SINGLE FAMILY RESIDENCE
CONTROL CORNER
N:607,230.45
E:2,276,673.04
NAD83/NSRS(2011)
N/F
WAYNE COUNTY BOARD OF EDUCATION
PIN: 2670677185
DB: 703, PG: 17
0.60 Acres ±
26326 Sq. Feet ±
N 73°20'07" W
251.27'
25' BUILDING SETBACK
BRICK WALL
FFE:131.29'
FFE:131.30'
FFE:136.05'
N 17°52'47" E
156.08'
N 73°20'07" W
FFE:131.28'
EXISTING BUILDING
GATE
FFE:131.14'
FFE:131.24'
6' S/W
18'
12'
FFE:131.14'
RISER ROOM
FIREWALL
KNOX BOX,
SEE ARCHITECTURAL PLANS
FOR EXACT LOCATIONS
ADD ALTERNATE 2
PROPOSED - BUILDING 2
FFE:131.14'
6' S/W
N 17°52'47" E
154.67'
NC 581 S
(VAR. WIDTH PUBLIC R.O.W.)
22
5' S/W
6'
TYPE 1
(22) 9'X18' SPACES
20'
24'
(11) 9'X18' SPACES
TYPE 1
(9) 9'X18' SPACES
TYPE 1
TYPE 1
6' S/W
TYPE 1
20'
28'
28'
28'
16'
20'
(5) 8' WIDE LOADING SPACES
6' S/W
(12) 9'X18' SPACES
AC
VAC
AC
17.38'
TYPE 1B
FFE:131.14'
88.5'
15'
TYPE 1
CANOPY
13.25'
CANOPY
5' S/W
6' S/W
FFE:131.14'
RAMP
LOADING DOCK
FFE:131.14'
AREA 1
PROPOSED - BUILDING 1
FFE:131.14'
SEE ARCHITECTURAL PLANS FOR BUILDING LAYOUT AND DIMENSIONS
KNOX BOX,
SEE ARCHITECTURAL PLANS
FOR EXACT LOCATIONS
TYPE 1
RETAINING WALL #1
FFE:129.81'
FFE:129.81'
CHILLER
CHILLER
FFE:±129.81'
5'
5' S/W
7' S/W
FFE:128.37'
KNOX BOX,
SEE ARCHITECTURAL PLANS
FOR EXACT LOCATIONS
FFE:131.14'
FFE:131.14'
CANOPY
TYPE 2
CANOPY
TYPE 2
FFE:±128.54'
GYM
FFE:±128.54'
SCREEN WALL
MECHANICAL
FFE:±128.54'
FFE:±128.54'
FFE:128.36'
FFE:128.36'
EXISTING BUILDING COLUMN
15' BUILDING SETBACK
3 JESSUP N. R/S (R)
7' S/W
8' S/W
2' WIDE W/ GRATE
2' WIDE W/ GRATE
2' WIDE W/ GRATE
2' WIDE
(5) 9'X18' SPACES
TYPE 1
TYPE 1
TYPE 1
TYPE 2
AREA 2
2' WIDE W/ GRATE
6' S/W
6' S/W
6' S/W
(14) 9'X18' SPACES
30' BUILDING SETBACK
S 71°52'53" E
444.19'
ADD ALTERNATE 1
ROSEWOOD ROAD
(VAR. WIDTH PUBLIC R.O.W.)
TEMPORARY CONSTRUCTION EASEMENT
TEMPORARY CONSTRUCTION EASEMENT
N 52°52'53" W
301.75'
N/F
CTHF LLC
PIN: 2670662949
DB: 3346, PG: 162
ZONING: CS
USE: DAYCARE CENTER
(3) 15'X45' SPACES
4' WIDE
36'
30'
15'
20'
24'
R15'
R4'
R30'
R20'
R25'
R30'
R30'
R30


ADD ALTERNATE 1
EXTENT OF BASE BID BUILDING
FFE:±131.14'
30' BUILDING SETBACK
15' BUILDING SETBACK
ADD ALTERNATE 2
N 73°20'07" W
FFE:131.28'
EXISTING BUILDING
BRICK WALL
GATE
FFE:131.14'
FFE:131.24'
RISER ROOM
FIREWALL
N/F
WAYNE COUNTY BOARD OF EDUCATION
PIN: 2670674264
DB: 331, PG: 549
13.04 Acres ±
567916 Sq Feet ±
ZONING: RA-20
USE: PUBLIC SCHOOL
BLEACHERS
DUGOUT
1S.BRICK STORAGE
36.2'
30.0'
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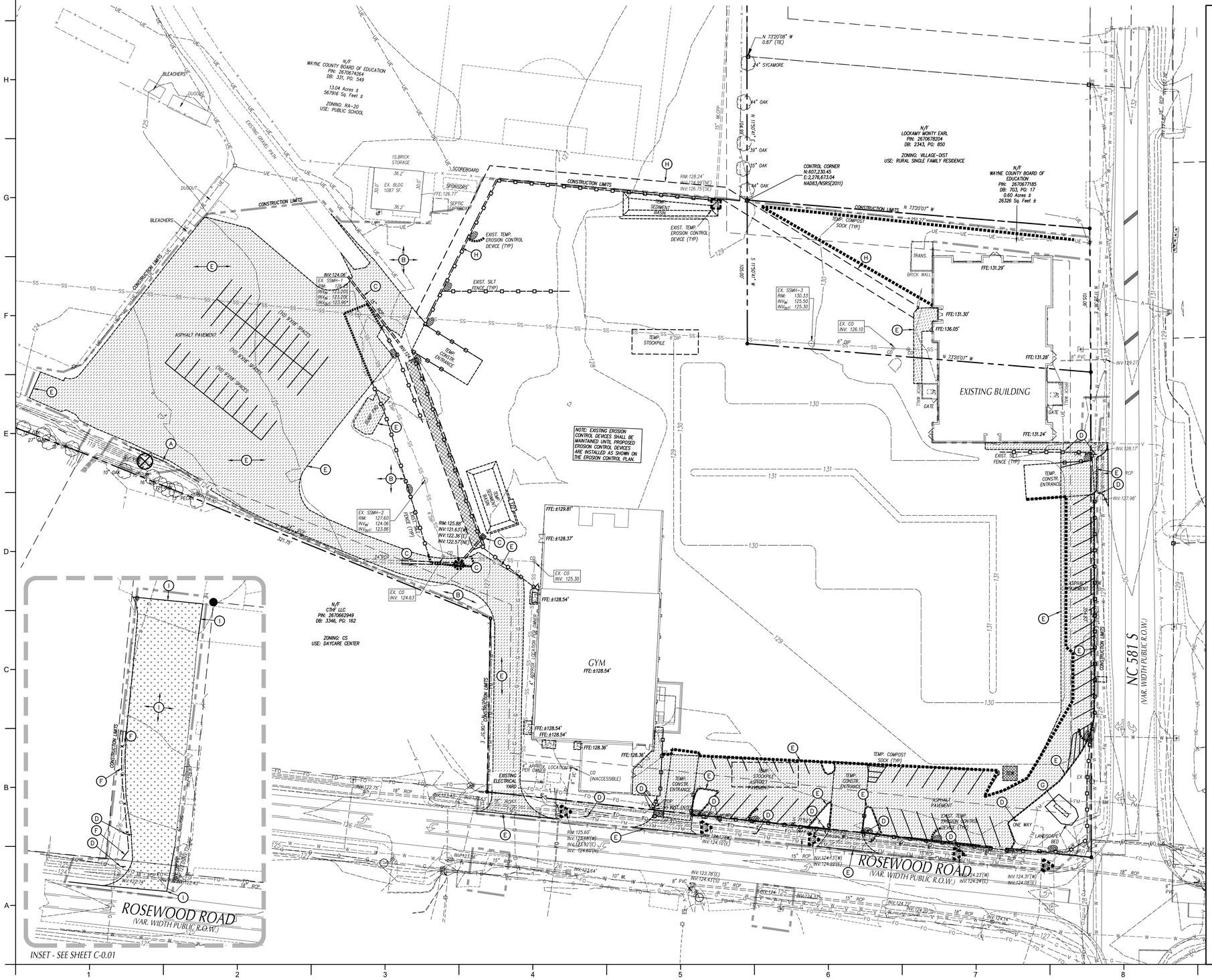
FFE:131.29'
FFE:131.30'
FFE:136.05'
(22) 9'X18' SPACES
(11) 9'X18' SPACES
(9) 9'X18' SPACES
(12) 9'X18' SPACES
(5) 8' WIDE LOADING SPACES
6' WIDE
TYP.
TYPE 'C'
TYPE 1
TYPE 2
STOP
ONE-WAY
AC
VAC
PROPOSED - BUILDING 1
FFE:131.14'
AREA 1
EXISTING BUILDING
FFE:131.24'
RISER ROOM
FIREWALL
ADD ALTERNATE 2
PROPOSED - BUILDING 2
FFE:131.14'
FFE:131.14'
FFE:131.14'



LEGEND

STRUCTURES/UTILITIES TO BE REMOVED		STRUCTURES/UTILITIES TO REMAIN	
OVERHEAD ELECTRICAL	------ E ------	OVERHEAD ELECTRICAL	------ E ------
UNDERGROUND ELECTRICAL	------ UE ------	UNDERGROUND ELECTRICAL	------ UE ------
FIRE PROTECTION	------ FP ------	FIRE PROTECTION	------ FP ------
GAS	------ G ------	GAS	------ G ------
SANITARY SEWER	------ SS ------	SANITARY SEWER	------ SS ------
TELEPHONE	------ T ------	TELEPHONE	------ T ------
UNDERGROUND TELEPHONE	------ UT ------	UNDERGROUND TELEPHONE	------ UT ------
FIBER OPTIC	------ FO ------	FIBER OPTIC	------ FO ------
WATER	------ W ------	WATER	------ W ------
FORCE MAIN	------ FM ------	FORCE MAIN	------ FM ------
STORM DRAIN	==========	STORM DRAIN	==========
INDIVIDUAL TREE TO BE REMOVED.		INDIVIDUAL TREE TO REMAIN.	
LIGHT POLE	LP	LIGHT POLE	LP
UTILITY POLE	PP	UTILITY POLE	PP
MANHOLE	MH	MANHOLE	MH
CLEAN OUT	CO	CLEAN OUT	CO
DROP INLET,CATCH BASIN	DI, CB	DROP INLET,CATCH BASIN	DI, CB
FIRE HYDRANT	FH	FIRE HYDRANT	FH
WATER VALVE	WV	WATER VALVE	WV
CONSTR./CLEARING LIMITS		PAVEMENT, S/W, C&G TO BE REMOVED.	
TREE PROTECTION FENCE		BUILDING/STRUCTURE TO BE REMOVED.	
		MILLING AND OVERLAY	

KEY NOTES

- (A) TEMPORARY TREE PROTECTION FENCE, SEE DETAIL SHEET C-7.00.
- (B) CLEAR AND GRUB, STRIP TOPSOIL WITHIN CONSTRUCTION LIMITS.
- (C) REMOVE STRUCTURE/UTILITY.
- (D) REMOVE SIGN AND POST. CONTRACTOR TO STORE SIGN AND POST DURING CONSTRUCTION AND RELOCATE AS INDICATED ON STAKING PLAN. RETURN REMAINING SIGNS TO OWNER.
- (E) PAVEMENT, SIDEWALK, OR CURB & GUTTER TO BE REMOVED. SAW CUT EDGES AS NECESSARY.
- (F) FENCE TO BE REMOVED. CONTRACTOR TO REINSTALL; MATCH SIZE STYLE, ETC. OF EXISTING FENCE.
- (G) EXISTING MONUMENT SIGN TO BE DEMOLISHED. SEE SHEET C-1.01 FOR NEW LOCATION AND ARCHITECTURE PLANS FOR ADDITIONAL INFORMATION.
- (H) EXISTING TEMPORARY WALKWAY TO BE REMOVED. COORDINATE TIMING WITH OWNER AND ARCHITECT.
- (I) EXTENT OF MILLING AND OVERLAY OF EXISTING PAVEMENT.

GENERAL NOTES

1. ALL EXISTING STRUCTURES AND UTILITIES SHALL BE REMOVED AS NEEDED TO ALLOW NEW CONSTRUCTION. IN GENERAL, FEATURES INDICATED IN BOLD ON THIS PLAN SHALL BE REMOVED.
2. ALL PAVEMENT OR CONCRETE TO BE REMOVED SHALL BE SAW CUT TO PROVIDE A STRAIGHT AND UNIFORM JOINT FOR NEW PAVEMENT, SIDEWALK, OR CURB AND GUTTER, ETC. ANY EXISTING PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. THAT MUST BE REMOVED TO ALLOW NEW CONSTRUCTION SHALL BE REMOVED AND REPAIRED PER THE SPECIFICATIONS AND DETAILS OR TO MATCH PRE-CONSTRUCTION CONDITIONS (WHETHER OR NOT SHOWN ON THE DRAWINGS TO BE REMOVED).
3. ALL UTILITIES OR STRUCTURES NOT INDICATED FOR REMOVAL OR MODIFICATION ARE TO REMAIN AND BE PROTECTED FROM DAMAGE.
4. ALL WASTE MATERIAL GENERATED FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
5. EXISTING SITE BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION WAS TAKEN FROM SURVEY BY STOKES SURVEYING & MAPPING, PLLC PERFORMED 03/28/2024. THESE PLANS DO NOT ASSUME ANY LIABILITY FOR ANY EXISTING INFORMATION BOTH SHOWN AND NOT SHOWN ON THE SURVEY AND ANY CHANGES TO THE EXISTING CONDITIONS THAT MAY HAVE OCCURRED AFTER THE SURVEY WAS ISSUED. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION.
6. INSTALL TREE PROTECTION FENCING PRIOR TO BEGINNING CLEARING OPERATIONS. CLEAR AND GRUB ALL AREAS AS SHOWN AND REQUIRED TO PERMIT INSTALLATION OF NEW CONSTRUCTION PER SPECIFICATIONS AND DRAWINGS. EXISTING TREES, SHRUBS OR OTHER LANDSCAPE MATERIAL WHICH WILL CONFLICT WITH NEW CONSTRUCTION SHALL BE REMOVED (WHETHER OR NOT SHOWN ON THE DRAWINGS). ALL CONTRACTORS SHALL VISIT THE SITE AND OBSERVE EXISTING CONDITIONS PRIOR TO BIDDING.
7. TO MINIMIZE DAMAGE TO EXISTING TREES NEAR THE INTERIOR EDGE OF CLEARING LIMITS, THE CONTRACTOR SHALL CUT 2-FT DEEP TRENCHES ALONG THE LIMITS OF DISTURBANCE, SO AS TO CUT, RATHER THAN TEAR ROOTS.
8. PRIOR TO DEMOLISHING EXISTING STRUCTURES, MAKE AN INSPECTION FOR ANY HAZARDOUS MATERIALS. CONTACT ARCHITECT IMMEDIATELY IF ANY HAZARDOUS MATERIALS ARE DISCOVERED. CAP AND REMOVE UTILITY SERVICES, FUEL TANKS AND SEPTIC SYSTEMS. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
9. VERIFY ALL ILLUSTRATED UNDERGROUND ELEMENTS/UTILITIES. EXERCISE REASONABLE EFFORTS TO PROTECT ANY UNKNOWN UNDERGROUND ELEMENTS/UTILITIES. NOTIFY THE ARCHITECT IMMEDIATELY IF UNKNOWN ELEMENTS/UTILITIES ARE DISCOVERED THAT WOULD NECESSITATE MODIFICATION TO THE PROPOSED DESIGN.
10. CONTACT UTILITY LOCATING SERVICE AT LEAST 48-HRS PRIOR TO EXCAVATION.
11. PROTECT ALL ADJACENT PROPERTIES, THE GENERAL PUBLIC AND ALL OF THE OWNER'S FACILITIES. SHOULD DAMAGES OCCUR, REPAIR IMMEDIATELY AS DIRECTED BY THE ARCHITECT. AREAS TO BE PROTECTED, REPAIRED AND CLEANED SHALL ALSO INCLUDE ANY STAGING AREAS, ACCESS ROUTES AND OTHER EXISTING IMPROVEMENTS WITHIN THE CONSTRUCTION LIMITS THAT ARE TO REMAIN.
12. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL WAYNE COUNTY AND/OR NCDOT STANDARDS AND SPECIFICATIONS.
13. ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, CLEANOUTS, ETC. SHALL BE ADJUSTED AS NEEDED TO MATCH FINISH GRADE.
14. DEMOLITION AND PATCHING OF PAVEMENT, SIDEWALK, CURB AND GUTTER AND OTHER EXISTING PAVED SURFACES IN ADDITION TO THAT INDICATED ON THIS PLAN SHALL BE PERFORMED AS REQUIRED TO CONSTRUCT AND INSTALL NEW UTILITIES.
15. THIS SITE IS NOT LOCATED WITHIN SPECIAL FLOOD HAZARD AREAS AS DETERMINED BY FEMA AND DEPICTED ON F.I.R.M. MAP 3720266000K, DATED 06/20/2018 AS BEING WITHIN ZONE "X-OTHER AREA".
16. NO WORK SHALL BE PERFORMED ON RIGHT-OF-WAYS OR ADJACENT PROPERTIES UNTIL THE OWNER NOTIFIES CONTRACTOR IN WRITING OF PROCUREMENT OF APPROPRIATE PERMITS, EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY.
17. CONTRACTOR TO COORDINATE ALL UTILITY SHUTDOWNS AND PAVEMENT REMOVAL WITH OWNER PRIOR TO DEMOLITION ACTIVITIES.

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA LANDSCAPE ARCHITECT 1866 RENEE C. PFEIFER

01/10/25

DKA JOB NUMBER
2401

REVISIONS

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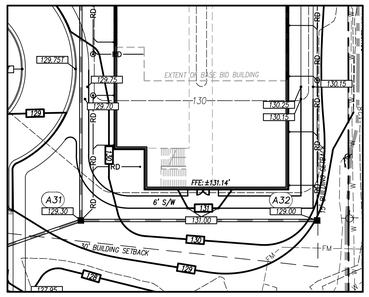
PA:	RENEE PFEIFER
PM:	RW
Drawn By:	PH
Plot Date:	01/08/2025

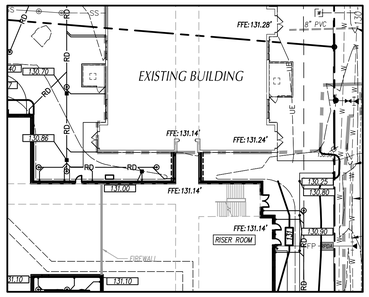
DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
EXISTING CONDITIONS & DEMO PLAN

C-2.01



ADD ALTERNATE 1



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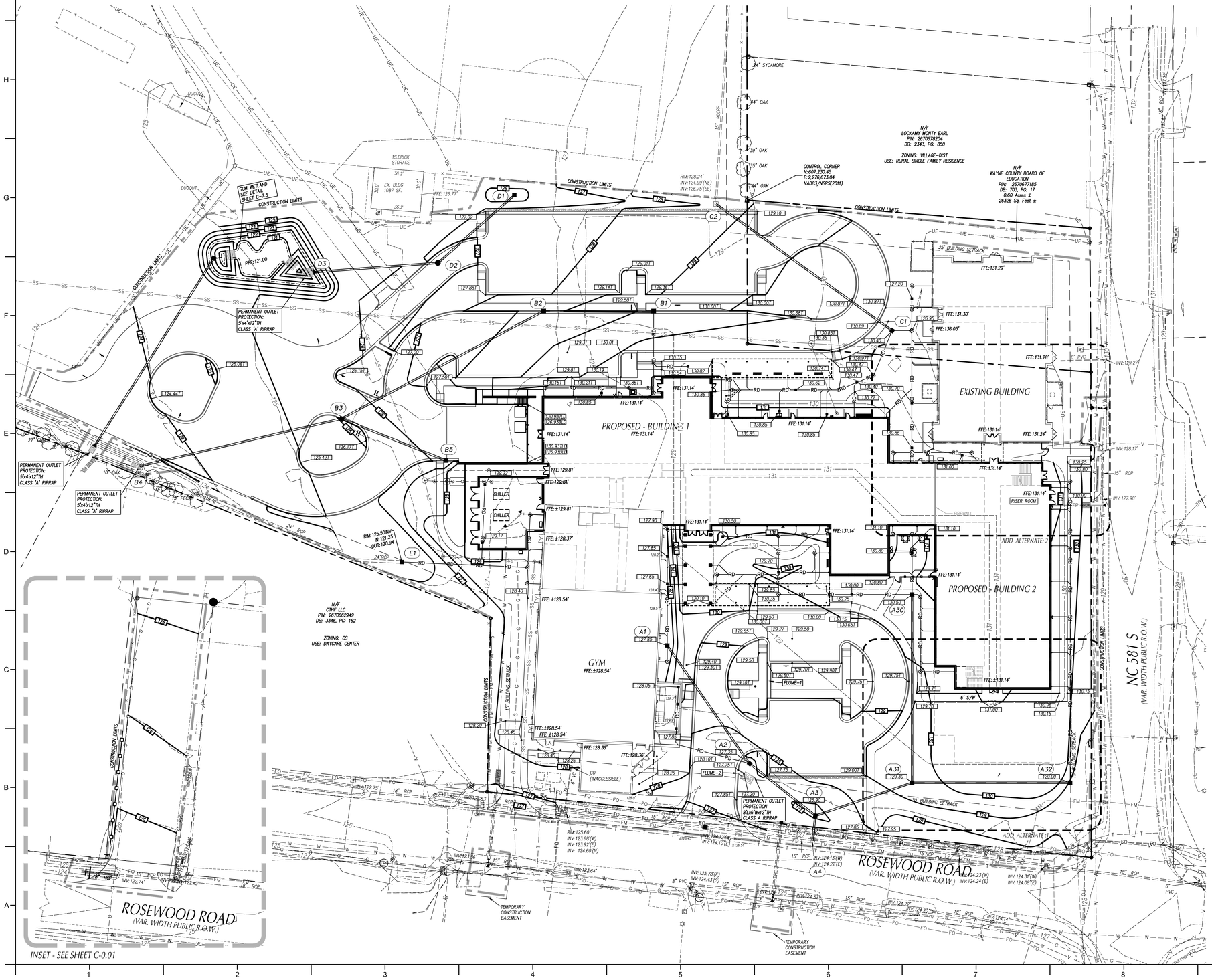
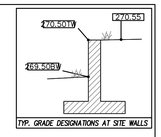


GRADING LEGEND

	EXISTING CONTOURS
	FINAL CONTOURS
270.4' +	EXISTING SURVEY SPOT ELEVATION
270.50TW	PROPOSED TOP OF CURB SPOT ELEVATION
270.50G	PROPOSED GROUND/PAVEMENT ELEVATION
	PROPOSED FINISHED GRADE AT TOP OF WALL ELEVATION
	PROPOSED FINISHED GRADE AT BOTTOM OF WALL ELEVATION
130.51TW	PROPOSED FINISHED GRADE AT TOP OF LOADING DOCK ELEVATION
129.90BW	PROPOSED FINISHED GRADE AT BOTTOM OF LOADING DOCK ELEVATION
Z9	STORM STRUCTURE NUMBER
	EXISTING STORM DRAIN PIPE
	PROPOSED STORM DRAIN PIPE
FD	PROPOSED FOUNDATION DRAIN DISCHARGE LINE. SEE ARCH. PLANS FOR DRAIN PIPE LOCATIONS ALONG BUILDING WALLS.
RD	PROPOSED ROOF DRAIN
	TREE PROTECTION FENCE



TYP. GRADE DESIGNATIONS AT SITE WALLS

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF GOLDSBORO AND NCDOT STANDARDS AND SPECIFICATIONS.
2. ALL SPOT ELEVATIONS INDICATED AT CURB AND GUTTER AND ARE DENOTED TO TOP OF CURB, UNLESS OTHERWISE SHOWN.
3. TOTAL DENUDED AREA = 6 AC.
4. CONTRACTOR SHALL ADJUST ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, CLEANOUTS, ETC. AS NEEDED TO MATCH FINISH GRADE.
5. ALL BACKFILL, COMPACTION, SOILS TESTING, ETC. SHALL BE PERFORMED BY THE OWNERS INDEPENDENT TESTING LABORATORY. (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)
6. ALL STORM DRAIN PIPES SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER STOPPAGE OF WORK EACH DAY. SEE DETAIL ON SHEET C-7.01.
7. EXISTING VEGETATION WITHIN TREE PROTECTION AREAS SHALL REMAIN UNDISTURBED, UNLESS NOTED OTHERWISE.
8. ANY AND ALL LANDSCAPING AND EXISTING TREES & SHRUBS TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR UTILIZING A LICENSED LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
9. THE GRADING CONTRACTOR SHALL COMPLY WITH ALL STATE CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF-SITE.
10. THE GRADING CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY STATE AUTHORITIES OR THE ARCHITECT.
11. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL CLEARING AND GRADING WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.
12. THE CROSS-SLOPE ON ALL SIDEWALKS SHALL BE A MAXIMUM OF 2.0%.
13. CONTRACTOR SHALL VERIFY ALL EXISTING ELEVATIONS WHERE NEW CONSTRUCTION JOIN OR CONNECT TO EXISTING PAVEMENT, CURB AND OTHER RIGID STRUCTURES. NOTIFY ARCHITECT IF DISCREPANCIES OCCUR.

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO. UP STRM	DN STRM	PIPE SLOPE	PIPE DIA. (IN)	PIPE LENGTH (LF)	PIPE MATRL	UPPER INV. (FT)	LOWER INV. (FT)	UPSTREAM STRUCTURE DATA TOP ELEV. (FT) (1)	DEPTH (FT)	TYPE	NOTES
A1	A2	0.52%	15	105	RCP	125.35	124.80	127.85	2.50	DI	
A2	A3	0.57%	15	61	RCP	124.75	124.40	127.35	2.60	DI	
A3	A4	0.59%	15	17	RCP	124.35	124.25	126.90	2.55	DI	
A30	A31	0.51%	15	138	RCP	125.65	124.95	130.50	4.85	DI	
A31	A3	0.53%	15	75	RCP	124.85	124.45	129.30	4.45	DI	
A32	A31	0.52%	15	116	RCP	125.55	124.95	129.00	3.45	DI	
B1	B2	0.51%	15	80.36	RCP	121.37	120.96	129.54	8.17	DI	
B2	B3	0.50%	15	187.4	RCP	120.86	120.02	128.80	7.94	DI	
B3	B4	0.61%	15	151.44	RCP	119.92	119.00	126.12	6.20	DI	
B5	B3	0.61%	15	82.21	RCP	120.52	120.02	125.50	4.98	DI	
C1	C2	0.54%	15	158.62	RCP	126.05	125.20	130.40	4.35	DI	
D1	D2	0.56%	15	74.76	RCP	122.00	121.58	125.50	3.50	DI	
D2	D3	0.52%	15	91.54	RCP	121.48	121.00	126.68	5.20	DI	

LEGEND	
CB	CATCH BASIN, SEE DETAIL SHEET C-9.00.
DI	DROP INLET, SEE DETAIL SHEET C-9.00.
FES	PRECAST FLARED END SECTION
PE	PLAIN END PIPE
(A2)	STRUCTURE I.D. NUMBER

NOTES
1. TOP ELEVATION IS TOP OF BACK OF CURB FOR CATCH BASINS, TOP OF RIM DROP INLETS, AND FINISH GRADE FOR CLEANOUTS.
2. ALL FES INLETS & OUTLETS SHALL BE RCP.
3. DUCTILE IRON PIPE(DIP) SHALL HAVE WATERTIGHT JOINTS.

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA SEAL 32625 ENGINEER STEVEN J. MILLER

Digitally signed by Steven J. Miller
Date: 2025.01.08 16:37:03-05'00'

DKA JOB NUMBER
2401

REVISIONS

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PA: RENEE PFEIFER
PM: RW
Drawn By: PH
Plot Date: 01/08/2025

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
GRADING & DRAINAGE PLAN

C-3.01

MAINTENANCE PLAN

1. DURING ALL PHASES OF CONSTRUCTION, GROUNDCOVER ON EXPOSED SLOPES SHALL BE PROVIDED ACCORDING TO GROUND STABILIZATION TABLE (SHEET C-7.0) FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
2. FINAL PERMANENT GROUNDCOVER FOR ALL DISTURBED AREAS SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO GROUND STABILIZATION TABLE (SHEET C-7.0) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
3. THE ABOVE REQUIREMENTS ARE THE MINIMUM NECESSARY TO MEET EROSION AND SEDIMENT CONTROL REGULATIONS. THE CONTRACT DOCUMENTS INCLUDE ADDITIONAL SEEDING AND STABILIZATION REQUIREMENTS AND SCHEDULES WHICH MAY EXCEED THOSE ABOVE.
4. SLOPE EROSION CONTROL MATTING SHALL BE INSTALLED FOR TEMPORARY STABILIZATION DURING THE ESTABLISHMENT OF VEGETATIVE COVER ON ALL STEEP SLOPES (6:1 OR STEEPER). REFER TO MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.
5. ALL OTHER SEEDED AREAS SHALL BE MULCHED WITH STRAW AND TACKED WITH ASPHALT.

SELF-INSPECTION RULES

SEE SHEET C-7.0 FOR SELF-INSPECTION REQUIREMENTS.

THE FINANCIALLY RESPONSIBLE PERSON AND/OR HIS AGENT WILL BE PERFORM SELF INSPECTIONS OF THE EROSION AND SEDIMENTATION CONTROL MEASURES USING NCDEMLR'S SELF INSPECTION REPORT (WORKSHEET) AND THIS WILL BE DOCUMENTED.

SLOPE & SURFACE STABILIZATION

GROUND STABILIZATION SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO GROUND STABILIZATION NOTES. SEE SHEET C-7.0.

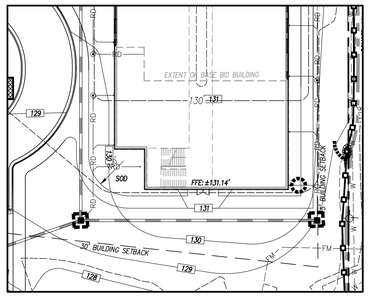
EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE (SECTION II.B(2) (b))

THE REQUIREMENTS ON SHEET C-7.0 ARE THE MINIMUM NECESSARY TO MEET EROSION AND SEDIMENT CONTROL REGULATIONS. THE CONTRACT DOCUMENTS INCLUDE ADDITIONAL SEEDING AND STABILIZATION REQUIREMENTS AND SCHEDULES WHICH MAY EXCEED MINIMUM REQUIREMENTS.

INSTALL TEMPORARY EXCELSIOR MATTING FOR STABILIZATION DURING THE ESTABLISHMENT OF VEGETATIVE COVER ON ALL STEEP SLOPES (6:1 OR STEEPER) AND AREAS OF CONCENTRATED FLOW (CHANNELS, DITCHES, SWALES, ETC.). UTILIZE TEMPORARY COCONUT MAT IN AREAS IDENTIFIED ON PLAN. REFER TO SPECIFICATION SECTION 312500 FOR MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.

TEMP. GRAVEL CONSTR. ENTRANCE SEE DETAIL SHEET 7.1
TEMP. INLET PROTECTION DEVICE SEE DETAIL SHEET 7.1
TEMP. SILT FENCE SEE DETAIL SHEET 7.1
TEMP. REINFORCED SILT FENCE OUTLET, SEE DETAIL SHEET 7.1
TEMP. CONCRETE WASHOUT AREA SEE DETAIL SHEET 7.1
TEMP. J-HOOK PROTECTION SEE DETAIL SHEET 7.1
TEMP. EXCAVATED INLET SEE DETAIL SHEET 7.1
TEMPORARY CHANNEL LINING SEE DETAIL SHEET 7.1

EXISTING CONTOUR
FINISHED CONTOUR
TEMP. CONTOUR (TEMP. GRADES DURING CONSTR.)
TEMP. ROCK PIPE INLET PROTECTION SEE DETAIL SHEET 7.0
TEMP. COMPOST SOCK SEE DETAIL SHEET 7.0
PROPOSED STORM SEWER PIPES
EXISTING STORM SEWER PIPES
CONSTRUCTION LIMITS UNLESS OTHERWISE NOTED.
TEMP. COMPOST SOCK INLET PROTECTION, SEE DETAIL SHEET 7.1
TEMP. COMPOST SOCK INLET PROTECTION DEVICE SEE DETAIL SHEET 7.1



ADD ALTERNATE 1

ADD ALTERNATE 2

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF GOLDSBORO, NCDEQ, AND NCDOT STANDARDS, SPECIFICATIONS AND DETAILS.
2. THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF SITE. ALL OFF-SITE SOIL BORROW AND WASTE SITES SHALL BE PROPERLY PERMITTED FOR SUCH ACTIVITIES. CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION OF SEDIMENT & EROSION CONTROL PERMIT FOR ANY OFF-SITE SITES TO OWNER PRIOR TO RELOCATING ANY STOCKPILE MATERIALS.
3. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY LOCAL AUTHORITIES OR ARCHITECT.
4. TOTAL DISTURBED AREA: ± AC.
5. ALL OPEN STORM PIPES SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER WORK STOPPAGE EACH DAY. SEE DETAIL SHEET C7.1.
6. ALL STORM DRAINAGE PIPES SHALL BE THOROUGHLY FLUSHED OF ALL SEDIMENT FOLLOWING SITE STABILIZATION. INTERIOR FLUSHING OF SYSTEM SHALL BE PERFORMED AS NEEDED TO MAINTAIN PROPER FUNCTIONING OF THE DRAINAGE SYSTEM. CLEANING SHALL BE PERFORMED IN A MANNER WHICH PREVENTS SEDIMENT FROM BEING FLUSHED THROUGH PIPES TO THE EXISTING DRAINAGE SYSTEM.
7. THE INDICATED STAGING AREA IS INTENDED FOR VEHICLES AND NON-ERODIBLE MATERIALS ONLY. NO SOIL, SAND OR OTHER ERODIBLE, FINES GRADED MATERIAL SHALL BE STORED OUTSIDE OF THE LIMITS OF THE SITE PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES.
8. SOIL AND OTHER MATERIALS SHALL ONLY BE TEMPORARILY STOCKPILED WITHIN THE CONSTRUCTION LIMITS PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES. STOCKPILES SHALL BE STABILIZED AS REQUIRED AS INDICATED IN THE SLOPE & SURFACE STABILIZATION NOTES ON THIS PLAN.
9. THE TREE PROTECTION FENCE SHALL BE MAINTAINED ON THE SITE UNTIL ALL SITE WORK IS COMPLETED AND THE FINAL SITE INSPECTION IS SCHEDULED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY (CO). THE FENCING SHALL BE REMOVED IMMEDIATELY PRIOR TO THE FINAL SITE INSPECTION FOR THE SITE.
10. TREE PROTECTION FENCING SHALL NOT BE MOVED AND THERE SHALL BE NO ENCROACHMENT INTO SUCH PROTECTED AREA(S) WITHOUT WRITTEN AUTHORIZATION OF THE COUNTY ZONING COMPLIANCE STAFF. ANY ACTIVITY (LANDSCAPING, TRENCHING, OR UTILITY INSTALLATION) SHOWN ON THE APPROVED PLANS IN A TREE PROTECTION AREA, SHALL ALSO NOT OCCUR WITHOUT WRITTEN AUTHORIZATION FROM THE COUNTY ZONING COMPLIANCE STAFF. ANY UNAUTHORIZED ENCROACHMENT OF DISTURBANCE WITHIN THE BOUNDARIES OF A TREE PROTECTION AREA SHALL AUTOMATICALLY RESULT IN FINES AND THE REPLACEMENT OF ANY DAMAGED VEGETATION IN ACCORDANCE WITH THE LAND DEVELOPMENT ORDINANCE.
11. ROADSIDE DITCHES AND CHANNELS SHALL BE STABILIZED DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
12. INSTALL TEMPORARY MATTING TO TOP OF ALL SIDE SLOPES ON CHANNELS, DIVERSION DITCHES AND TEMPORARY SEDIMENT BASINS. SEE DETAIL SHEET C702 (PERMANENT CHANNEL) AND C702 (TEMPORARY DIVERSION DITCH) FOR TYPE OF MATTING TO USE.
13. ANY DEWATERING OF SEDIMENT CONTAINMENT DEVICES FOR MAINTENANCE, REMOVAL OR CONVERSION PURPOSES IS TO BE DONE THROUGH A SILT BAG.
14. ANY DEWATERING OF STORM/UTILITY TRENCHES IS TO BE DONE THROUGH A SILT BAG.
15. GROUND COVER IS TO BE APPLIED PER CONDITIONS OF THE NPDES PERMIT OR AT THE END OF THE DAY IN CRITICAL AREAS.
16. CONTRACTOR SHALL USE TIRE WASH STATION TO PREVENT SEDIMENT FROM TRACKING ONTO THE ROAD IF CONSTRUCTION ENTRANCE IS FOUND INSUFFICIENT AT NO ADDITIONAL COST TO OWNER.
17. CONTRACTOR SHALL UTILIZE PAM FLOCCULANTS TO REDUCE RUN-OFF TURBIDITY. SEE SPECS.

CONSTRUCTION SEQUENCE

INITIAL EROSION CONTROL INSTALLATION

1. CONTINUE MAINTENANCE OF EXISTING EROSION CONTROL DEVICES UNTIL PROPOSED EROSION AND SEDIMENT CONTROL DEVICES ARE INSTALLED.
2. INSTALL TREE PROTECTION FENCING.
3. OBTAIN REVISED APPROVED PLAN AND APPROVAL PLACARD. A COPY OF THE APPROVED PLAN MUST BE ON FILE AT THE JOB SITE.
4. CONTACT NC DEQ LOS WASHINGTON OFFICE AT 252-946-6481 TO SCHEDULE PRE-CONSTRUCTION MEETING AT LEAST 72 HOURS PRIOR TO PROJECT ACTIVATION AND PROVIDE NOTIFICATION OF THE PROJECT START-UP DATE.
5. CONDUCT PRE-CONSTRUCTION CONFERENCE.
6. THE FOLLOWING MUST BE KEPT ON SITE UNTIL THE E&SC PLAN HAS BEEN CLOSED OUT BY LAND QUALITY: RAIN GAUGE, A COPY OF APPROVED E&SC PLAN WITH APPROVAL CERTIFICATE/LETTER, AND NPDES PERMIT WITH A MINIMUM OF MOST RECENT 30 DAYS OF SELF-INSPECTION RECORDS (SEE SELF-INSPECTION REQUIREMENTS BELOW). THESE ITEMS SHOULD BE LOCATED NEAR THE MAIN CONSTRUCTION ENTRANCE. FAILURE TO MAINTAIN THESE ON-SITE VIOLATES THE NPDES PERMIT.

** SELF-INSPECTION FOR EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PREFORMED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF EVERY RAIN EVENT OF GREATER THAN 1 INCH. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN MEASURES AS DESIGNED. ALL ESC MEASURES SHALL BE MAINTAINED AS SPECIFIED IN THE CONSTRUCTION DETAILS ON THIS PLAN **

7. INSTALL NEW CONSTRUCTION ENTRANCES, PERIMETER SILT FENCES, REINFORCED OUTLET PROTECTION, J-HOOK OUTLETS PROTECTION, TEMPORARY COMPOST SOCKS, AND TEMPORARY INLET PROTECTION DEVICES ON EXISTING INLETS.
8. INSTALL TSB-SCM BARREL, OUTLET STRUCTURE COMPONENTS. KEEP ALL ORIFICES BLOCKED UP TO THE REQUIRED SEDIMENT BASIN POOL ELEVATION. INSTALL TEMPORARY SKIMMERS ON DRAINS. KEEP DRAIN VALVES OPEN WHILE TEMPORARY SKIMMERS ARE OPERATIONAL. SEE WETLAND DETAIL SHEETS. INSTALL PERMANENT OUTLET PROTECTION. EXCAVATE BASINS AND INSTALL TEMPORARY SLOPE DRAIN AND TEMPORARY OUTLET PROTECTION. TEMPORARY SEDIMENT BASINS SHALL HAVE TEMPORARY SLOPED FLAT BOTTOMS THAT SLOPE TOWARDS THE OUTLET STRUCTURE. ALL BARE SOILS BETWEEN DOWNSTREAM TOE OF SEDIMENT BASINS, DIVERSIONS AND PERIMETER SILT FENCE SHALL BE SEEDED, MULCHED AND TACKED. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
9. ESTABLISH TEMPORARY CONSTRUCTION TRAILERS WITHIN STAGING AREA.
10. INSTALL TEMPORARY DIVERSIONS, TEMPORARY SLOPE DRAINS AND TEMPORARY OUTLET PROTECTION. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
11. INSTALL SILT FENCE FOR TEMPORARY STOCKPILE LOCATION. ALL BARE SOILS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
12. STOCKPILES, LAYDOWN OR WASTE AREAS, CONCRETE WASHOUTS, PORTABLE TOILETS AND FUELS STORAGE MUST BE LOCATED AT LEAST 50 FEET AWAY FROM ANY OPEN WATER CONVEYANCES, SUCH AS BASINS, DITCHES, STORM DRAIN INLETS, ETC. THE LOCATION OF THESE ACTIVITIES MAY BE FIELD ADJUSTED IF THE DISTANCE REQUIREMENTS ARE NOT MET.
13. CLEAR AND GRUB AREAS ONLY AS REQUIRED FOR INSTALLATION OF INITIAL SEDIMENT CONTROL MEASURES.
14. CALL FOR INSPECTION OF INSTALLED DEVICES.
15. DO NOT BEGIN ON ADJACENT PROPERTIES UNTIL OWNER HAS ACQUIRED EASEMENTS/RIGHT-OF-WAYS. INSTALL EROSION CONTROL DEVICES ALONG WATER AND SANITARY SEWER OUTFALLS ONCE EASEMENTS ARE ACQUIRED.

PER THE NPDES PERMIT, GROUND STABILIZATION WILL BE APPLIED WITHIN 14 CALENDAR DAYS FROM LAST LAND DISTURBING ACTIVITY. FOR STEEP SLOPES, THAT AREA MUST BE STABILIZED WITHIN 7 CALENDAR DAYS.

THE CONTRACTOR SHALL CONDUCT SELF-INSPECTIONS OF THE EROSION AND SEDIMENTATION CONTROL MEASURES AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHING 24 HOURS OF EVERY RAIN EVENT OF GREATER THAN ONE INCH. ANY NEEDED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN MEASURES AS DESIGNED. ALL EROSION AND SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AS SPECIFIED IN THE CONSTRUCTION DETAILS ON THIS PLAN. A RAIN GAUGE SHALL BE INSTALLED AT THE PROJECT SITE FOR MONITORING. CONTRACTOR SHALL COMPETE THE FOLLOWING COMBINED SELF-INSPECTION FORM FOUND ON THE DEMLR WEBSITE HTTPS://DEQ.NC.GOV/ABOUTDIVISIONS/ENERGY-MINERAL-LAND-RESOURCES/EROSION-SEDIMENT-CONTROL/FORMS. TWELVE MONTHS OF COMPLETE INSPECTION FORMS SHALL BE KEPT ON-SITE AND AVAILABLE FOR INSPECTION AT ALL TIMES. IT IS RECOMMENDED A COPY BE KEPT IN A PERMITS BOX.

SELF-INSPECTIONS FOR EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE PERFORMED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF EVERY RAIN EVENT OF GREATER THAN 1-INCH. ALL ESC MEASURES SHALL BE MAINTAINED AS SPECIFIED IN THE CONSTRUCTION DETAILS ON THEIS PLAN. A RAIN GAUGE SHALL BE INSTALLED AT THE PROJECT SITE FOR MONITORING. PLEASE USE MOST CURRENT INSPECTION FORMS FOUND ON THE NCDEQ WEBSITE.

21. CLEAR AND GRUB AREAS ONLY AS REQUIRED FOR INSTALLATION OF INITIAL SEDIMENT CONTROL MEASURES.
22. INSTALL TEMPORARY EXCAVATED INLET PROTECTION #1 & #2. SLOPED SURFACES OF THE TEMPORARY BASIN SHALL BE SEEDED AND MATTED UPON INSTALLATION. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
23. CALL FOR INSPECTION OF INSTALLED DEVICES.
24. ESTABLISH STAGING AREAS, CONCRETE WASHOUTS, AND STOCKPILE AREA IN LOCATIONS SHOWN ON PLAN.

CONSTRUCTION EROSION CONTROL & MAINTENANCE

25. ONCE ALL PERIMETER SEDIMENT CONTROL DEVICES ARE INSTALLED, CLEAR AND GRUB ADDITIONAL AREAS WITHIN CONSTRUCTION LIMITS. STRIP TOPSOIL, STOCKPILE TOPSOIL WITHIN TEMPORARY STOCKPILE LIMITS. MAINTAIN ALL SILT FENCE AROUND TEMPORARY STOCKPILES. SEED AND MULCH ALL DISTURBED AREAS. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
26. BEGIN ROUGH GRADING OPERATIONS. SEED, MULCH AND TACK ANY DISTURBED AREAS THAT EXCEED CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
27. AT THE END OF EACH DAY, INSTALL AND ADJUST DIVERSION DITCHES AT THE EDGE OF THE FILL SLOPES TO CONTINUE TO DIRECT RUN-OFF TO TEMPORARY BASINS.
28. INSTALL STORM DRAINAGE SYSTEM AS GRADING OPERATIONS PROGRESS. INSTALL INLET AND OUTLET PROTECTION DEVICES AT NEW STRUCTURES AS THEY ARE CONSTRUCTED. INSTALL FAM TURBIDITY LOGS. PROTECT ALL OPEN STORM DRAIN LINES UNDER CONSTRUCTION WITH STONE FILTER AFTER STOPPAGE OF WORK EACH DAY. STORM DRAINAGE SYSTEM SHALL BE INSTALLED IN DRY CONDITIONS. INSTALL TEMPORARY EXCAVATED INLET PROTECTION. SEED AND MULCH ALL DISTURBED AREAS. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
29. ALL DEWATERING OF UTILITY TRENCHES SHALL BE PUMPED THROUGH TEMPORARY SILT BAGS. SILT BAG SHALL BE CONTINUALLY MONITORED DURING OPERATION.
30. RESPREAD TOPSOIL, INSTALL SLOPE PROTECTION BLANKETS AND VEGETATE STEEP SLOPES AS THE ARE ESTABLISHED. STABILIZE ROADSIDE DITCHES AND CHANNELS DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED. INSTALL TEMPORARY CHANNEL COMPOST SOCKS. SEED AND MULCH ALL DISTURBED AREAS. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
31. VEGETATE (OR OTHERWISE STABILIZE WITH PAVEMENT, BUILDING PAD ETC.) IMMEDIATELY TO ALL DISTURBED AREAS AS SHOWN IN SLOPE AND STABILIZATION NOTES. MAINTAIN THROUGHOUT THE DURATION OF THE PROJECT. SEED STABILIZATION NOTES AND NPDES TIME TABLE.
32. INSTALL SILT BAG INLET PROTECTION ONCE CURB & GUTTER IS INSTALLED. PROVIDE TEMPORARY SAND BAGS, STONE OR COLD PATCH TO DIRECT RUN-OFF INTO INLETS. SILT BAGS SHALL BE MONITORED DURING OPERATION.
33. MAINTAIN ALL EROSION & SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION.
34. PERMANENT GROUNDCOVER SHALL BE ESTABLISHED IN 90 CALENDAR DAYS. HOWEVER, NPDES GROUNDCOVER REQUIREMENTS TAKE PRECEDENCE.

REMOVAL OF EROSION CONTROL DEVICES

1. CALL FOR INSPECTION OF STABILIZED SITE.
2. PERIMETER MEASURE MUST BE LEFT IN PLACE UNTIL ALL UPLAND AREAS ARE PERMANENTLY STABILIZED. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND PROVIDE PERMANENT SEEDING WHERE TEMPORARY MEASURES HAVE BEEN REMOVED AND GROUND COVER IS NOT ADEQUATE. SEDIMENT BASINS MAY NOT BE REMOVED OR CONVERTED INTO PERMANENT SCMs UNTIL ALL UPLAND AREAS ARE PERMANENTLY STABILIZED.
3. IF SITE IS APPROVED, PUMP SEDIMENT LADEN WATER THROUGH SILT BAGS AND REMOVE TEMPORARY SEDIMENT SKIMMER BASINS. SILT BAGS SHALL BE CONTINUALLY MONITORED DURING OPERATION. INSTALL REMAINING PORTIONS OF PERMANENT CHANNELS AND SEED AND MULCH SLOPE. ALL DISTURBED AREAS REMAINING ON SITE. COMPLETE INSTALLATION OF REMAINING PORTIONS OF GREENWAY TRAIL, CULVERTS, PERMANENT OUTLET PROTECTION AND CHANNELS. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
4. CONVERT TEMPORARY SEDIMENT BASINS INTO PERMANENT STORMWATER WETLAND. PUMP/DEWATER BASIN THROUGH SILT BAG. CLOSE DRAIN VALVE, REMOVE TEMPORARY SKIMMERS, BAFFLES AND OTHER TEMPORARY COMPONENTS. EXCAVATE SEDIMENT AND GRADE TO FINISH WETLAND CONTOURS. SEE STORMWATER WETLAND DETAILS FOR ADDITIONAL CONSTRUCTION SEQUENCING. INSTALL WETLAND PLANTINGS. SEED AND MULCH ALL DISTURBED AREAS. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
5. REMOVE TEMPORARY CONSTRUCTION ENTRANCES, CONTRACTOR STAGING AREA AND ANY REMAINING TEMPORARY MATERIAL STOCKPILES. SEED AND MULCH ALL DISTURBED AREAS. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
6. CALL FOR INSPECTION OF STABILIZED SITE. IF APPROVED, REMOVE ALL REMAINING TEMPORARY EROSION CONTROL MEASURES. SEED AND MULCH ANY REMAINING DISTURBED AREAS. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
6. PERFORM AS-BUILT TOPOGRAPHIC SURVEYS OF SCMs AND SITE UTILITIES AS REQUIRED FOR CERTIFICATE OF OCCUPANCY CERTIFICATIONS.
7. WHEN THE PROJECT IS COMPLETE, THE PERMITEE SHALL CONTACT DEMLR TO CLOSE OUT THE E&SC PLAN. AFTER DEMLR INFORMS THE PERMITTEE OF THE PROJECT CLOSE OUT, VIA INSPECTION REPORT, THE PERMITTEE SHALL VISIT DEQ.NC.GOV/NCDOT TO SUBMIT AN ELECTRONIC NOTICE OF TERMINATION (E-NOT). A $100 ANNUAL GENERAL PERMIT FEE WILL BE CHARGED UNTIL THE E-NOT HAS BEEN FILLED OUT.

TEMPORARY SEDIMENT BASIN SCM
DRAINAGE AREA: 1.08 AC
DISTURBED AREA: 1.08 AC
REQUIRED VOLUME: 1944 CF
REQUIRED SURFACE AREA: 2239 SF
BASIN DIMENSIONS: USE SCM MEASUREMENTS
BOTTOM ELEVATION: 120.0'
TOP RISER ELEV: 122.0'
SKIMMER DIAMETER: 1.5"
SKIMMER ORIFICE: 0.75"
DEWATERING TIME: 4.4 DAYS

TEMPORARY EXCAVATED INLET-1
AREA: 0.22 AC.
VOLUME: 396 CF
BOTTOM DIMS: 15'x13'
BOTTOM ELEV: 123.5'
SIDESLOPE: 2:1

TEMPORARY EXCAVATED INLET-2
AREA: 0.85 AC.
VOLUME: 1710 CF
BOTTOM DIMS: 39'x19'
BOTTOM ELEV: 124.9'
SIDESLOPE: 2:1

N/F
CTHF LLC
PIN: 2670662949
DB: 3346, PG: 162

ZONING: CS
USE: DAYCARE CENTER

N/F
LOCKAMY MONTY EARL
PIN: 2670678204
DB: 2343, PG: 850

ZONING: VILLAGE-DIST
USE: RURAL SINGLE FAMILY RESIDENCE

N/F
WAYNE COUNTY BOARD OF EDUCATION
PIN: 2670677185
DB: 703, PG: 17
0.60 Acres ±
26326 Sq Feet ±

CONTROL CORNER
N:607,230.45
E:2,276,673.04
NAD83/MSRS(2011)

PROPOSED - BUILDING 1
PROPOSED - BUILDING 2
GYM
EXISTING BUILDING
ADD ALTERNATE 2
ADD ALTERNATE 1
CONSTRUCTION LIMITS
TEMPORARY STAGING AREA
TEMPORARY CONSTRUCTION EASEMENT
INSTALL CHANNEL #2 UPON REMOVAL OF TEMPORARY EXCAVATED INLET
CHILLER
RISER ROOM
FIREWALL
30' BUILDING SETBACK
25' BUILDING SETBACK
15' BUILDING SETBACK
6' S/W
CO (INACCESSIBLE)
DUMPSTER
1S.BRICK STORAGE
EX. BLDG 1087 SF.
DUMPSTER PAD
DUMPSTER ENCLOSURE
CONCRETE WASHOUT AREA
TEMPORARY CHANNEL LINING
TEMPORARY DIVERSION DITCH
TEMPORARY SLOPE DRAIN
TEMPORARY OUTLET PROTECTION
TEMPORARY SEDIMENT BASIN
TEMPORARY SILT FENCE
TEMPORARY SILT FENCE OUTLET
TEMPORARY INLET PROTECTION
TEMPORARY COMPOST SOCK
TEMPORARY COMPOST SOCK INLET PROTECTION
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
TEMPORARY CONCRETE WASHOUT AREA
TEMPORARY J-HOOK PROTECTION
TEMPORARY EXCAVATED INLET
TEMPORARY CHANNEL LINING
ROSEWOOD ROAD (VAR. WIDTH PUBLIC R.O.W.)
NC 581 S (VAR. WIDTH PUBLIC R.O.W.)
INSET - SEE SHEET C-0.01

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA PROFESSIONAL SEAL 22625 ENGINEER STEVEN J. MILLER

Digitally signed by Steven J. Miller
Date: 2025.01.08 16:37:08-05'00'

DKA JOB NUMBER
2401

REVISIONS

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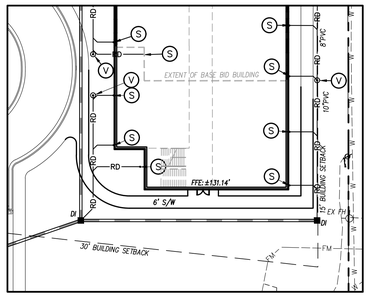
PM: RW
Drawn By: PH
Plot Date: 01/08/2025

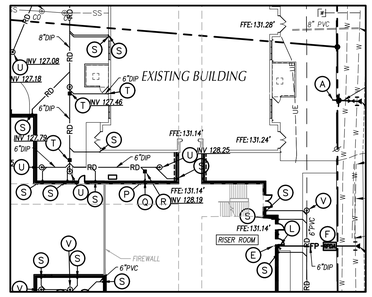
DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
EROSION CONTROL PLAN

C-4.01



ADD ALTERNATE 1



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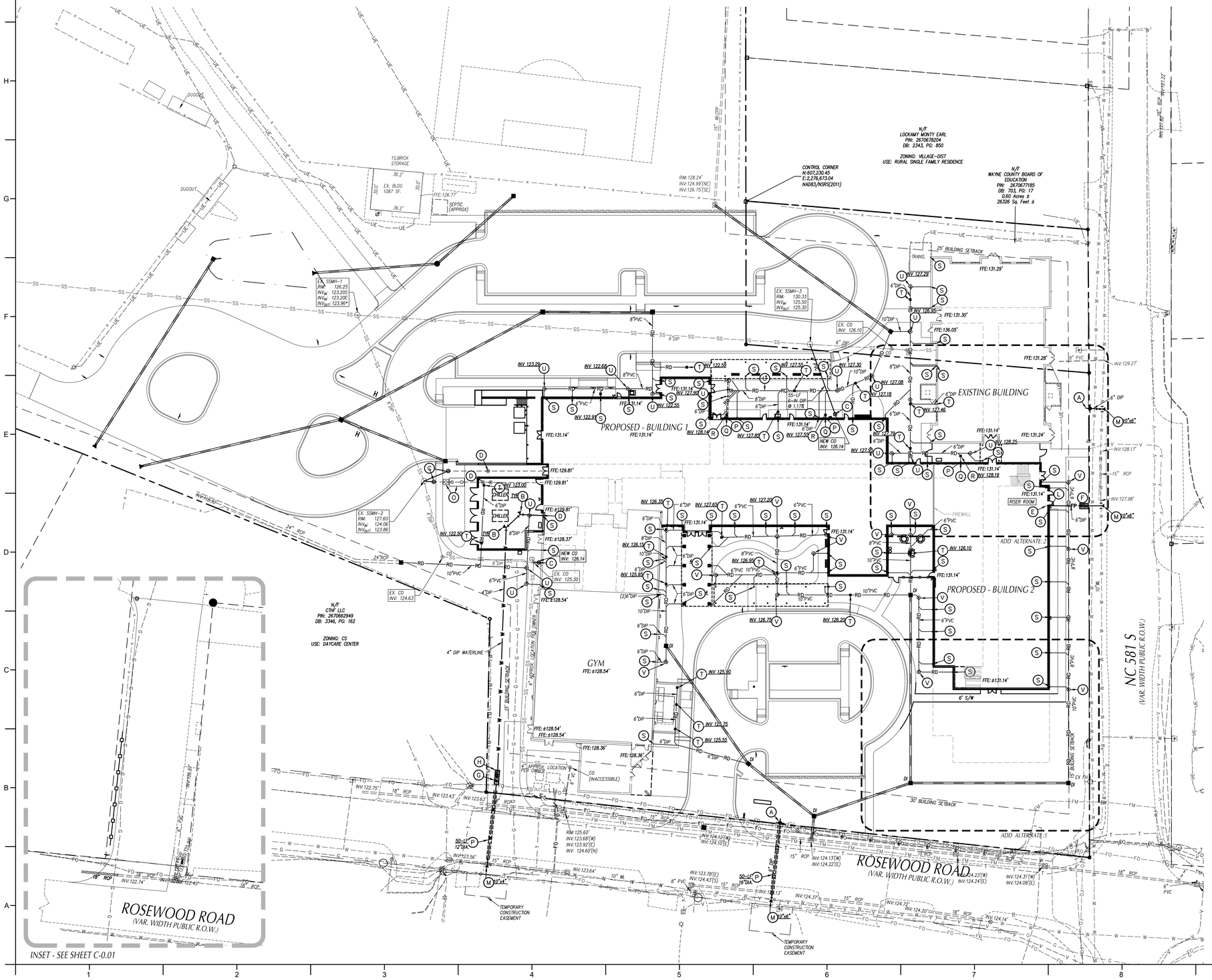

INSET - SEE SHEET C-0.01

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

UTILITY LEGEND

	EXISTING	PROPOSED
CHILLED WATER	------CW------	CW
ELECTRICAL (OVERHEAD)	------ E ------	E
ELECTRICAL (UNDERGROUND)	------UE------	UE
FOUNDATION DRAIN	------FD------	FD
GAS	------ G ------	G
SANITARY SEWER	------SS------	SS
TELEPHONE (OVERHEAD)	------ T ------	T
TELEPHONE (UNDERGROUND)	------UT------	UT
WATER	------ W ------	W
ROOF DRAIN	------RD------	RD
FIRE PROTECTION	------FP------	FP
STORM DRAIN	==========	==========
TREE PROTECTION FENCING, SEE EROSION CONTROL PLANS		
LIGHT POLE	LP	
UTILITY POLE	PP	
MANHOLE	MH	
CLEAN OUT	CO	
DROP INLET, CATCH BASIN, INLET DRAIN	DI, CB, ID	
FIRE HYDRANT	FH	
WATER VALVE	WV	
POST INDICATOR VALVE (PIV)		
FIRE DEPARTMENT CONNECTION (FDC)		
THRUST BLOCKING		
SANITARY SEWER STRUCTURE IDENTIFICATION		1

GENERAL NOTES-UTILITY

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF GOLDSBORO AND NCDOT STANDARDS, SPECIFICATIONS AND DETAILS.
2. INSTALL WATERMAINS WITH A COVER OF NO LESS THAN 3-FT.
3. INSTALL SEWER MAINS WITH A COVER OF NO LESS THAN 3-FT TO FINISH GRADE IN NON-TRAFFIC AREAS, 4-FT TO FINISH GRADE IN TRAFFIC AREAS..
4. INSTALL ALL UTILITIES TO PROVIDE REQUIRED CLEARANCES AS INDICATED IN THE SPECIFICATIONS.
5. WATERLINES AND SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL CLEARANCE OF 10-FT.
6. SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM VERTICAL CLEARANCE OF 24-IN TO STORM DRAINAGE PIPES.
7. COORDINATE AND SCHEDULE INSTALLATION OF ALL UTILITIES WITH OTHER PRIME CONTRACTORS, UTILITY COMPANIES AND OTHER TRADES INCLUDING BUT NOT LIMITED TO: NATURAL GAS, ELECTRICITY, TELEPHONE AND CATV.
8. VERIFY EXISTING CONDITIONS AND CONNECTIONS TO EXISTING UTILITIES PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT IF ANY DISCREPANCIES ARE DISCOVERED.
9. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES DURING CONSTRUCTION AND SHALL MAKE REPAIRS AT NO EXPENSE TO THE OWNER.
10. ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE NCSBC AND OSHA REQUIREMENTS.
11. THE CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY OF ALL UTILITY AND STORM DRAINAGE IMPROVEMENTS FOLLOWING CONSTRUCTION, SEE SPECS FOR ALL AS-BUILT REQUIREMENTS.
12. CONTRACTOR SHALL PHASE DEMOLITION AND NEW CONSTRUCTION TO ENSURE UNINTERRUPTED ACCESS AND UTILITY SERVICE TO ADJACENT FACILITIES. COORDINATE SHORT-TERM, OFF-HOUR, TEMPORARY SHUT- DOWNS WITH THE OWNER.
13. SEE GENERAL NOTES ON EXISTING CONDITIONS AND DEMOLITION PLAN FOR REQUIREMENTS FOR REMOVAL AND PATCHING OF PAVEMENT FOR UTILITY INSTALLATION.
14. ALL ROOF DRAINS SHALL BE 6" PVC (SCH 40) @ 1.04% MIN. SLOPE UNLESS INDICATED OTHERWISE. USE DUCTILE IRON WHEN COVER IS LESS THAN 24-IN.
15. ALL SANITARY SEWER SERVICES SHALL BE 4" PVC (SCH 40) @1.04% MIN. SLOPE UNLESS INDICATED OTHERWISE. USE DUCTILE IRON WHEN COVER IS LESS THAN 24-IN.
16. ALL CONDENSATE LINES SHALL BE CONNECTED TO STORM DRAINAGE SYSTEM.
17. NO WORK SHALL BE PERFORMED ON RIGHT-OF-WAYS OR ADJACENT PROPERTIES UNTIL THE OWNER NOTIFIES CONTRACTOR IN WRITING OF PROCUREMENT OF APPROPRIATE PERMITS, EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY.

KEY NOTES

- (A) FIRE HYDRANT ASSEMBLY, SEE DETAIL SHEET C-9.01.
- (B) THRUST BLOCKING, TYP, SEE DETAIL SHEET C-9.01.
- (C) SANITARY SEWER CLEANOUT, SEE DETAIL SHEET C-9.0.
- (D) EXTEND UTILITY TO WITHIN 5'-0" OF BUILDING WALL OR AS INDICATED ON PLUMBING PLANS. REFER TO PLUMBING PLANS FOR LOCATION AND INVERTS.
- (E) EXTEND WATER MAIN TO 12-IN ABOVE FINISH FLOOR FOR FIRE PROTECTION/PLUMBING CONNECTION, SEE DETAIL SHEET C07.07. REFER TO TO FIRE PROTECTION/PLUMBING PLANS FOR EXACT LOCATION.
- (F) 6-IN WATTS MODEL 957RPDA REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA) WITHIN HEATED ENCLOSURE, SEE DETAIL SHEET C-9.01. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (G)
- (H) 4-IN WATTS MODEL LF909-LF REDUCED PRESSURE ASSEMBLY (RPA) WITHIN HEATED ENCLOSURE, SEE DETAIL SHEET C-9.01. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (J) GATE VALVE AND VALVE BOX, SEE DETAIL SHEET C-9.01.
- (K) POST INDICATOR VALVE W/ TAMPER SWITCH, SEE DETAIL SHEET C-9.01 AND SPECS. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (L) FIRE DEPARTMENT CONNECTION, SEE FIRE PROTECTION PLAN.
- (M) TAPPING SLEEVE, VALVE AND BLOCKING ASSEMBLY SEE SPECIFICATIONS.
- (N) RESTRAIN FIRE HYDRANT THROUGH VALVE TO THRUST COLLAR.
- (O) 2,000-GALLON GREASE INTERCEPTOR WITH SAMPLING VAULT, SEE MEP PLANS.
- (P) HORIZONTAL INLINE BACKWATER VALVE, SEE MEP PLANS.
- (Q) 3-IN CONDENSATE LINE, SEE MEP PLANS.
- (R) CONDENSATE RELIEF BASIN, SEE DETAIL SHEET C-9.0.
- (S) CONNECT TO DOWNSPOUT BOOT. SEE ARCHITECTURAL PLAN FOR DETAIL.
- (T) IN-LINE DRAIN, SEE DETAIL SHEET C-9.0.
- (U) ROOF DRAIN CLEANOUT, SEE DETAIL SHEET C-9.0.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 22625 ENGINEER STEVEN J. MILLER

Digitally signed by Steven J. Miller
Date: 2025.01.08 16:37:12-05'00'

DKA JOB NUMBER
2401

REVISIONS

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Drawn By: PH
Plot Date: 01/08/2025

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
UTILITY PLAN

C-5.01

PERMANENT SEEDING SCHEDULE

DATE	TYPE	SEEDING RATE
APR 15 – JULY 15 **	HULLED SUNSTAR OR RIVIERA BERMUDA	150 LBS/ACRE *
JULY 15 – AUG 15 (WATERING AT CONTRACTOR'S EXPENSE)	SUNSTAR OR RIVIERA BERMUDA	150 LBS/ACRE *

TEMPORARY SEEDING SCHEDULE (JUNE 1ST TO FEBRUARY 28TH)

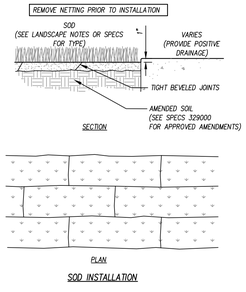
DATE	TYPE	SEEDING RATE
AUG 15 – APR 15	3-WAY TALL FESCUE BLEND AND CEREAL RYE (GRAIN)	10 LBS PER 1,000/SF 35 LBS/ACRE
APR 15 – AUG 15	3-WAY TALL FESCUE BLEND AND GERMAN MILLET *** OR SUDANGRASS (SMALL-STEMMED VAR.) ***	10 LBS PER 1,000/SF 25 LBS/ACRE

CONSULT CONSERVATION ENGINEER OR SOIL CONSERVATION SERVICE FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDED AREAS. THE ABOVE VEGETATION RATES ARE THOSE WHICH DO WELL UNDER LOCAL CONDITIONS; OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE.

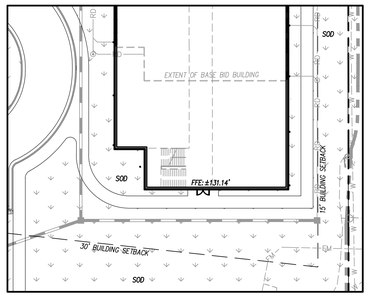
* OR AS REQUIRED TO ACHIEVE 95% COVERAGE AS DETERMINED ON A PER SQUARE YARD BASIS PRIOR TO SUBSTANTIAL COMPLETION.

** WHEN SEEDING MUST TAKE PLACE OUT-OF-SEASON FOR PERMANENT GRASS, APPROPRIATE TEMPORARY SEEDING SHALL BE DONE AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERMANENT SEEDING AS SPECIFIED IN SEASON AT NO ADDITIONAL COST TO OWNER.

*** TEMPORARY – RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW OVER 12" IN HEIGHT BEFORE MOWING, OTHERWISE FESCUE MAY BE SHADED OUT.



SOD INSTALLATION



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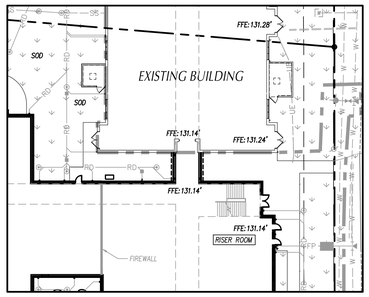


ADD ALTERNATE 2

CONSTRUCTED STORMWATER WETLAND PLANT SCHEDULE

TEMPORARY INUNDATION ZONE PLANT LIST			
	40	Asclepias incarnata / Swamp Milkweed	LARGE PLUGS (MIN. 6 CUBIC INCHES): SPACE 2' O.C.
	40	Carex stricta / Tussock Sedge	
	40	Cephalanthus occidentalis / Common button bush	
	40	Liatris spicata / Blazing Star	
	40	Lobelia cardinalis / Cardinal Flower	

SHALLOW WATER PLANT LIST			
	22	Acorus americanus / Sweetflag	LARGE PLUGS (MIN. 6 CUBIC INCHES): SPACE 2' O.C.
	22	Canna flaccida / Yellow canna	
	22	Iris virginica / Virgina iris	
	22	Pontederia cordata / Pickerelweed	
	22	Saururus cernuus / Lizard's tail	
DEEP POOL AND MICRO POOL PLANT LIST			
	7	Nymphaea odorata / Waterlily	LARGE PLUGS (MIN. 6 CUBIC INCHES): SPACE 2' O.C.

SHALLOW WATER ZONE SQUARE FOOTAGE: 715 SF
PLANTINGS REQUIRED: 50 HERBACEOUS PLANTS PER 200 SF. (437/200)X50 = 179 PLANTS
PLANTINGS PROVIDED: 179 PLANTS

TEMPORARY INUNDATION ZONE SQUARE FOOTAGE: 1,502 SF
PLANTINGS REQUIRED: 50 HERBACEOUS PLANTS PER 200 SF. (1,502/200)X50 = 376 HERBACEOUS PLANTS
PLANTINGS PROVIDED: 376 HERBACEOUS PLANTS

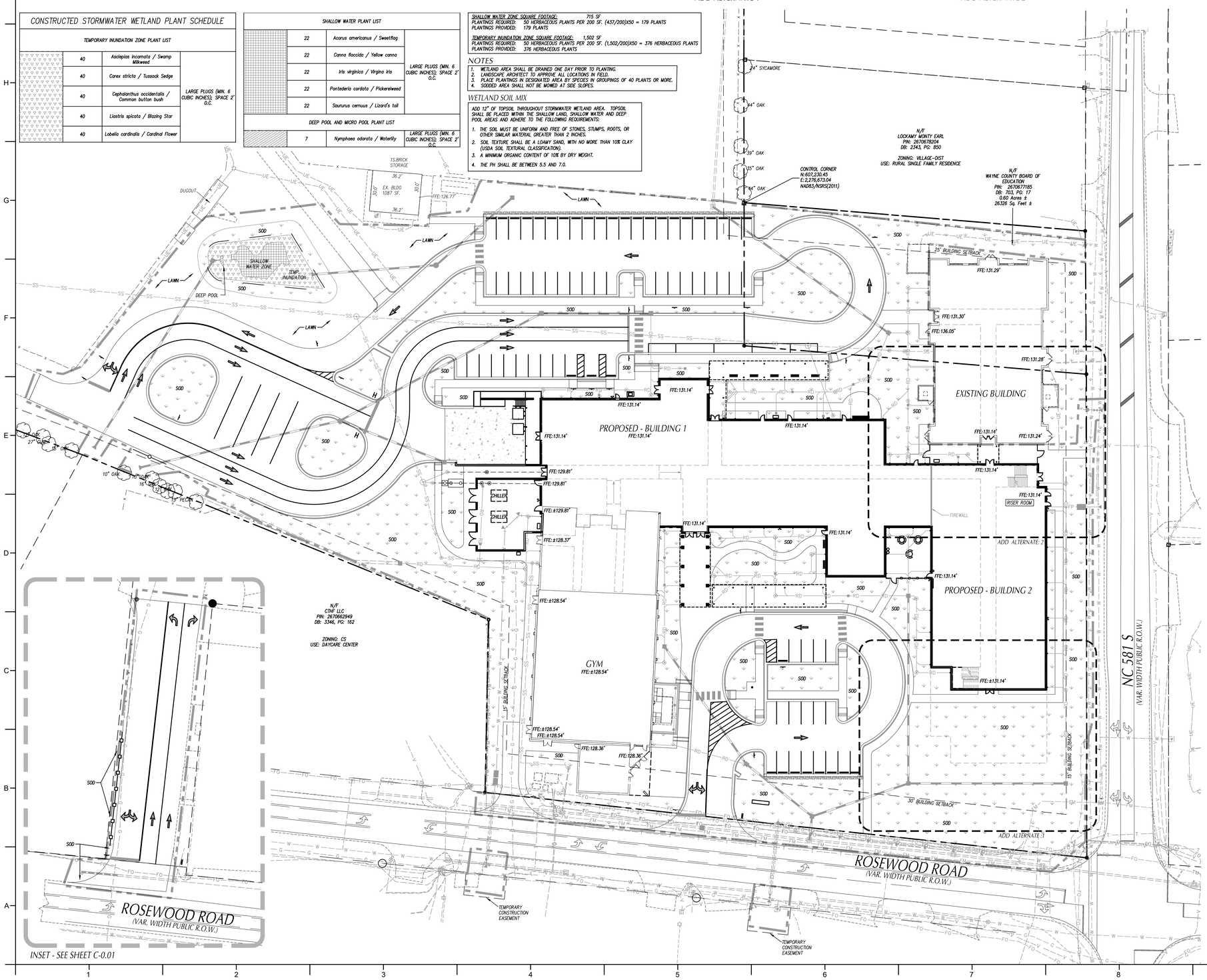
NOTES

1. WETLAND AREA SHALL BE DRAINED ONE DAY PRIOR TO PLANTING.
2. LANDSCAPE ARCHITECT TO APPROVE ALL LOCATIONS IN FIELD.
3. PLACE PLANTINGS IN DESIGNATED AREA BY SPECIES IN GROUPINGS OF 40 PLANTS OR MORE.
4. SODDED AREA SHALL NOT BE MOWED AT SIDE SLOPES.

WETLAND SOIL MIX

ADD 12" OF TOPSOIL THROUGHOUT STORMWATER WETLAND AREA. TOPSOIL SHALL BE PLACED WITHIN THE SHALLOW LAND, SHALLOW WATER AND DEEP POOL AREAS AND ADHERE TO THE FOLLOWING REQUIREMENTS:

1. THE SOIL MUST BE UNIFORM AND FREE OF STONES, STUMPS, ROOTS, OR OTHER SIMILAR MATERIAL GREATER THAN 2 INCHES.
2. SOIL TEXTURE SHALL BE A LOAMY SAND, WITH NO MORE THAN 10% CLAY (USDA SOIL TEXTURAL CLASSIFICATION).
3. A MINIMUM ORGANIC CONTENT OF 10% BY DRY WEIGHT.
4. THE PH SHALL BE BETWEEN 5.5 AND 7.0.



INSET - SEE SHEET C-0.01

LEGEND

SOD, SEE NOTE 16 THIS SHEET
SEED, SEE NOTE 16 THIS SHEET — LAWN
TREE PROTECTION FENCE, SEE SHEET C-7.00
LIMITS OF DISTURBANCE

GENERAL NOTES-LANDSCAPING

1. LOCATE ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PLANT MATERIAL. NOTIFY OWNER OF ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THOSE SHOWN ON THE PLAN.
2. VERIFICATION OF TOTAL QUANTITIES AS SHOWN ON THE PLANT LIST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE TOTAL QUANTITIES SHALL BE AS SHOWN ON THE PLAN.
3. ALL PLANT MATERIAL SHALL CONFORM WITH THE STANDARDS SET FORTH BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND THE WRITTEN SPECIFICATIONS.
4. ALL PLANT MATERIAL (SHRUBS/TREES) SHALL BE A MINIMUM DISTANCE OF 4-1/2 FEET FROM BACK OF CURB, EXCEPT ALONG ANY NEW WALLS ADJACENT TO PARKING WHERE CURB STOPS WILL BE USED.
5. ALL PLANT GROUPINGS SHALL BE MULCHED AS ONE BED, 3-IN **DEPTH** OF DYED BROWN DESIGNER (PALLETIZED) MULCH SHALL BE USED AROUND ALL PLANTINGS WITH THE EXCEPTION OF BUFFER PLANTINGS. BUFFER PLANTINGS MAY USE **3-IN DEPTH** TRIPLE SHREDDED HARDWOOD. CONFIRM WITH LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO INSTALLATION.
6. APPLY PRE-EMERGENT HERBICIDE TO ALL NEW PLANTING BEDS AT MANUFACTURER'S RECOMMENDED RATE PRIOR TO INSTALLATION OF MULCH.
7. ESTABLISH POSITIVE DRAINAGE IN ALL PLANTING BEDS AND AWAY FROM BUILDINGS.
8. DO NOT INSTALL PLANT MATERIAL IN IMPERVIOUS SOILS, (i.e. HOLES WHICH, WHEN FILLED WITH WATER, DO NOT COMPLETELY DRAIN WITHIN TWO HOURS). SEE SPECIFICATIONS FOR TOPSOIL REQUIREMENTS.
9. CONTACT THE LANDSCAPE ARCHITECT FOR INSPECTION 48 HOURS IN ADVANCE OF THE SCHEDULED SITE VISIT AND AT THE FOLLOWING INTERVALS:
   - 9.1. REVIEW OF GRADING PRIOR TO PLANT AND LAWN INSTALLATION.
   - 9.2. REVIEW OF PLANT MATERIAL PRIOR TO INSTALLATION.
   - 9.3. ONE SUBSTANTIAL COMPLETION MEETING FOR PLANT INSTALLATION.
   - 9.4. ONE FINAL INSPECTION FOR ALL SEEDING/PLANTING OPERATIONS.
10. THE TREE PROTECTION FENCE SHALL BE MAINTAINED ON THE SITE UNTIL ALL SITE WORK IS COMPLETED AND THE FINAL SITE INSPECTION PRIOR TO THE CERTIFICATE OF OCCUPANCY (CO) IS SCHEDULED. THE FENCING SHALL BE REMOVED PRIOR TO FINAL SITE INSPECTION FOR THE CO.
11. LANDSCAPE SUB-CONTRACTOR (UNDER GC CONTRACT) SHALL BE RESPONSIBLE FOR WATERING ALL PLANTS AND LAWN/SOD AREAS AT HIS COST FROM HIS OWN WATER SOURCE INCLUDING DURING PERIODS OF DROUGHT UNTIL THE PLANTS AND LAWN MEET FINAL COMPLETION. PLANT MATERIALS OR AREAS OF GRASS WHICH PERISH SHALL BE RE-ESTABLISHED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER. REFER TO SPECIFICATIONS FOR ADDITIONAL WATERING INFORMATION.
12. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL EQUIPMENT & SUBCONTRACTORS AWAY FROM SEEDED/SOD AREAS. IF DAMAGE OCCURS, THROUGH NO FAULT OF THE OWNER, AREAS SHALL BE RE-GRADED AND RE-SEEDED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL WATER AND MAINTAIN THOSE AREAS UNTIL THEY ARE AT 95% COVERAGE AT FINAL COMPLETION.
13. SUBSTITUTIONS OF PLANT MATERIAL SHALL ONLY BE ACCEPTED 60 DAYS PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS. SUBSTITUTION REQUESTS MUST BE IN WRITING AND WILL ONLY BE ACCEPTED FOR LACK OF AVAILABILITY REASONS WHICH CAN BE SUBSTANTIATED OR FOR SUPERIOR STOCK SUBSTITUTIONS.
14. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT TO REVIEW GRADING ONE WEEK PRIOR TO SEEDING, IF THE LANDSCAPE CONTRACTOR AND LANDSCAPE ARCHITECT FIND GRADING UNACCEPTABLE FOR FINAL SEEDING, LANDSCAPE CONTRACTOR SHALL BRING IT TO THE ATTENTION OF THE GENERAL CONTRACTOR. LANDSCAPE CONTRACTOR SHALL NOT PROCEED WITHOUT APPROVAL BY LANDSCAPE ARCHITECT.
15. IF CONFLICTS OCCUR BETWEEN WRITTEN SPECIFICATIONS AND THE DRAWINGS, THE WRITTEN SPECIFICATIONS SHALL PREVAIL.
16. GENERAL LAWN AREAS SHALL BE SEEDED WITH RIVIERA OR SUNSTAR BERMUDA SEED. SOD AREAS SHALL BE TIF-TUF BERMUDA. 95% COVERAGE (BASED ON A PER SQUARE YARD SAMPLE) SHALL BE ATTAINED PRIOR TO FINAL INSPECTION. SEE DETAIL SHEET FOR RATES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
17. SEE PLANTING PLAN FOR LIMITS.
18. ALL 3:1 SLOPES OR GREATER SHALL RECEIVE EROSION CONTROL MATTING. REFER TO PLANTING PLANS FOR STABILIZATION REQUIREMENTS.
19. ALL FOUNDATION SHRUBS TO BE PLANTED A MINIMUM OF 5-FT FROM BUILDING WALL. ALL SHADE TREES SHALL BE A MINIMUM DISTANCE OF 15-FT FROM BUILDING ROOF EDGE TO CENTER OF TREE. NOTIFY LANDSCAPE ARCHITECT FOR ANY DISCREPANCIES.
20. INSTALL PERMANENT SEEDING ALONG ALL ROADSIDE DITCHES AND CHANNELS WITHIN CONSTRUCTION LIMITS OF PROJECT. SEE EROSION CONTROL PLANS AND PERMANENT SEEDING SCHEDULE FOR ADDITIONAL INFORMATION.

REFER TO SHEET C-7.00 FOR SEEDING/SOD NOTES, RATES AND SCHEDULE

LIME AND FERTILIZATION SCHEDULE:

1. APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY A MINIMUM 3,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND A MINIMUM 500 LB/ACRE 10-10-10 FERTILIZER, AS NEEDED TO ESTABLISH 95% COVERAGE (AS DETERMINED ON A PER SQUARE YARD BASIS) PRIOR TO SUBSTANTIAL COMPLETION.
2. CONTRACTOR TO SUBMIT A COPY OF ALL SOIL REPORTS TO OWNER UPON RECEIPT.

SURFACE STABILIZATION REQUIREMENTS:

1. DURING ALL PHASES OF CONSTRUCTION, GROUNDCOVER ON EXPOSED SLOPES SHALL BE PROVIDED WITHIN 14 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
2. FINAL PERMANENT GROUNDCOVER FOR ALL DISTURBED AREAS SHALL BE PROVIDED ON ALL DISTURBED AREAS WITHIN 14 CALENDAR DAYS FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
3. USE EXCELSIOR MATTING OR OTHER APPROVED CHANNEL LINING MATERIAL TO COVER THE BOTTOM OF CHANNELS.
4. APPLY 4000 LB/ACRE(2 TONS LB/AC) GRAIN STRAW OVER SEEDED AREAS AND ANCHOR STRAW CRIMPING WITH HAND OR MECHANICAL CRIMPER 6" MAX. SPACING, ASPHALT TACKING OR OTHER APPROVED METHOD. ASPHALT TACKING SHALL BE 400 GAL/ACRE (9 GAL/1000 SF).
5. MULCH AND ANCHORING MATERIALS MUST NOT BE ALLOWED TO WASH DOWN SLOPES AND CLOG DRAINAGE DEVICES.
6. SEE NCDEQ GROUND STABILIZATION REQUIREMENTS FOR ADDITIONAL INFORMATION.

LAWN MAINTENANCE NOTES:

1. SEE SPEC SECTION 329000 FOR LAWN MAINTENANCE REQUIREMENTS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR LAWN MAINTENANCE UNTIL FINAL COMPLETION.
3. LAWN MUST BE AT 95% COVERAGE AT SUBSTANTIAL COMPLETION REVIEW TO BE ACCEPTED.
4. IF NOT AT 95%, SUBSTANTIAL COMPLETION WILL BE DELAYED UNTIL THE FOLLOWING GROWING SEASON.
5. DO NOT ALLOW NURSE CROP TO GROW OVER 12" IN HEIGHT BEFORE MOWING, OTHERWISE THE PERMANENT SEEDING MAY BE SHADED OUT.

SOD MAINTENANCE NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR SOD MAINTENANCE UNTIL FINAL COMPLETION.
2. PLEASE REFER TO SPEC 329000 FOR ALL SOD INSTALLATION REQUIREMENT, WARRANTEES AND MAINTENANCE TILL FINAL COMPLETION
3. CONTRACTOR MUST MEET 95% SOD ESTABLISHMENT FOR FINAL COMPLETION. REFER TO SPEC 329000 SECTION 1.9. & 1.12 FOR ALL APPLICABLE REQUIREMENTS.
4. SOD INSTALLED INSTALLED OUTSIDE GROWING SEASON WILL NEED TO MEET THE FOLLOWING SECTION 329000 SECTIONS 1.9 & 1.12
5. PLEASE REFER TO SPEC 329000 SECTION 1.10 FOR ALL WARRANTY REQUIREMENTS.
6. CONTRACTOR IS RESPONSIBLE FOR REGULAR MOWING AND FOR FURNISHING AND APPLYING ADEQUATE WATER TO THE INSTALLED SOD UNTIL PROJECT FINAL COMPLETION BUT NO LESS THAN 4-WEEKS FOLLOWING SOD INSTALLATION
7. WATERING SHALL BE MONITORED TO ENSURE PROPER RATES ARE APPLIED. OVER-WATERING SHALL BE AVOIDED.
8. DEAD OR DYING SOD SHALL BE REPLACED PRIOR TO OWNER'S ACCEPTANCE.

TURF, SOD AND SEEDBED PREPARATION:

1. CHISEL ALL CUT GRADED OR COMPACTED AREAS TO A MINIMUM DEPTH OF 6".
2. DISC ALL AREAS TO RECEIVE GRASS TO A MINIMUM OF 8 INCHES, MIX AND AMEND WITH 3 INCHES OF WELL SCREENED TOPSOIL. ON-SITE TOPSOIL MAY BE USED IN PLACE OF IMPORTED TOPSOIL, IF WELL-SCREENED AND DRY PRIOR TO APPLICATION IN ACCORDANCE WITH SPECIFICATION SECTION 329000.
3. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
4. APPLY AGRICULTURAL LIME, FERTILIZER, AND PHOSPHATE UNIFORMLY AS PER SPECIFICATIONS AND MIX WELL WITH SOIL.
5. CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED TO A 6 INCHES DEPTH.
6. SEED AT RATE SPECIFIED OR AS NEEDED TO ACHIEVE AND MAINTAIN A THICK HEALTHY GROUND COVERAGE.
7. MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH. BEGIN THOROUGH WATERING OF GRASSED AREAS IMMEDIATELY UPON INSTALLATION. DO NOT ALLOW GRASSED AREAS TO BECOME EXCESSIVELY DRY.
8. INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS AS NEEDED.
9. IF CONFLICTS OCCUR BETWEEN WRITTEN SPECIFICATIONS AND THE DRAWINGS, THE WRITTEN SPECIFICATIONS SHALL PREVAIL.

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1966 RENEE C. PFEIFER

01/10/25

DKA JOB NUMBER
2401

REVISIONS

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PA:	RENEE PFEIFER
PM:	RW
Drawn By:	PH
Plot Date:	01/08/2025

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
LANDSCAPE PLAN SCHEDULE & NOTES

C-6.01

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Required Ground Stabilization Timeframes		
Site Area Description	**Stabilize within this many calendar days after ceasing land disturbance**	**Timeframe variations**
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
• Temporary grass seed covered with straw or other mulches and tackifiers • Hydroseeding • Rolled erosion control products with or without temporary grass seed • Appropriately applied straw or other mulch • Plastic sheeting	• Permanent grass seed covered with straw or other mulches and tackifiers • Geotextile fabrics such as permanent soil reinforcement matting • Hydroseeding • Shrubs or other permanent plantings covered with mulch • Uniform and evenly distributed ground cover sufficient to restrain erosion • Structural methods such as concrete, asphalt or retaining walls • Rolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the *NC DWR List of Approved PAMS/Flocculants*.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. Apply flocculants at the concentrations specified in the *NC DWR List of Approved PAMS/Flocculants* and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated Stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

1. Maintain vehicles and equipment to prevent discharge of fluids.
2. Provide drip pans under any stored equipment.
3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, sized and placed appropriately for the needs of site.
5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

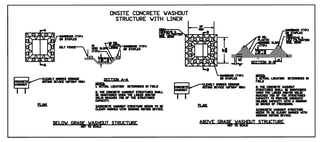
PORTABLE TOILETS

1. Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
3. Provide stable stone access point when feasible.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.

NORTH CAROLINA Environmental Quality



CONCRETE WASHOUTS

1. Do not discharge concrete or cement slurry from the site.
2. Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
3. Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
4. Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
5. Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
7. Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
9. Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
4. Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	**Frequency (during normal business hours)**	**Inspection records must include:**
(1) Rain gauge maintained in good working ordor	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those un-attended days (enc this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-monitoring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating properly, 5. Description of maintenance needs for the measures, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits, 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part II, Section C, Item (2)(a) of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	**Documentation Requirements**
(a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.	Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&SC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC measures.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site

In addition to the E&SC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This General Permit as well as the Certificate of Coverage, after it is received.

(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years

All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

(a) Visible sediment deposition in a stream or wetland.

(b) Oil spills if:
- They are 25 gallons or more,
- They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).

(c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.

(d) Anticipated bypasses and unanticipated bypasses.

(e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	**Reporting Timeframes [After Discovery] and Other Requirements**
(a) Visible sediment deposition in a stream or wetland	• ***Within 24 hours,*** an oral or electronic notification. • ***Within 7 calendar days,*** a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. • If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and release of hazardous substances per Item 1(b)-(c) above	• ***Within 24 hours,*** an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	• ***A report at least ten days before the date of the bypass, if possible.*** The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	• ***Within 24 hours,*** an oral or electronic notification. • ***Within 7 calendar days,*** a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment[40 CFR 122.41(l)(7)]	• ***Within 24 hours,*** an oral or electronic notification. • ***Within 7 calendar days,*** a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [40 CFR 122.41(l)(6).
	• Division staff may waive the requirement for a written report on a case-by-case basis.

PART II, SECTION G, ITEM (4)
DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

(a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items,
(b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit,
(c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems,
(d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above,
(e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
(f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

NORTH CAROLINA Environmental Quality

NCDEQ STANDARD DETAILS N.T.S.

1. *LOCATE ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF PLANT MATERIAL. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THOSE SHOWN ON THE PLAN.*
2. *VERIFICATION OF TOTAL QUANTITIES AS SHOWN ON THE PLANT LIST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND THE TOTAL QUANTITIES SHALL BE AS SHOWN ON THE PLAN.*
3. *CONTACT THE LANDSCAPE ARCHITECT FOR INSPECTION 48 HOURS IN ADVANCE OF THE SCHEDULED SITE VISIT AND AT THE FOLLOWING INTERVALS:*
   - *REVIEW OF GRADING PRIOR TO PLANT AND LAWN INSTALLATION*
   - *REVIEW OF PLANT MATERIAL PRIOR TO INSTALLATION.*
   - *ONE SUBSTANTIAL COMPLETION MEETING FOR PLANT INSTALLATION.*
   - *ONE FINAL INSPECTION FOR ALL SEEDING/PLANTING OPERATIONS.*
4. *ALL PLANT MATERIAL SHALL CONFORM WITH THE STANDARDS SET FORTH BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND THE WRITTEN SPECIFICATIONS.*
5. *ESTABLISH POSITIVE DRAINAGE IN ALL PLANTING BEDS AND AWAY FROM BUILDING.*
6. *APPLY PRE–EMERGENT HERBICIDE TO ALL NEW PLANTING BEDS AT MANUFACTURER'S RECOMMENDED RATE PRIOR TO INSTALLATION OF PLANT MATERIAL.*
7. *DO NOT INSTALL PLANT MATERIAL IN IMPERVIOUS SOILS (i.e. HOLES WHICH WHEN FILLED WITH WATER, DO NOT COMPLETELY DRAIN WITHIN TWO HOURS).*
8. *LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL PLANTS AND LAWN AREAS AT HIS COST FROM HIS OWN WATER SOURCE INCLUDING DURING PERIODS OF DROUGHT UNTIL FINAL COMPLETION. ANY WATERING OR MAINTENANCE REQUIRED AFTER FINAL COMPLETION SHALL BE AT OWNER'S COST.*
9. *GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL EQUIPMENT & SUBCONTRACTORS AWAY FROM SEEDED AREAS. IF DAMAGE OCCURS, THROUGH NO FAULT OF THE OWNER, AREAS SHALL BE REGRADED AND RESEEDED IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL WATER AND MAINTAIN THOSE AREAS UNTIL THEY ARE AT 95% COVERAGE AT SUBSTANTIAL COMPLETION.*
10. *SUBSTITUTIONS OF PLANT MATERIAL SHALL ONLY BE ACCEPTED 60 DAYS PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS. SUBSTITUTION REQUESTS MUST BE IN WRITING AND WILL ONLY BE ACCEPTED FOR LACK OF AVAILABILITY REASONS WHICH CAN BE SUBSTANTIATED OR FOR SUPERIOR STOCK SUBSTITUTIONS.*

SEEDING

11. *GENERAL LAWN AREAS SHALL BE SEEDED WITH SUNSTAR/RIVIERA BERMUDAGRASS OR APPROVED EQUAL.*
12. *LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT TO REVIEW GRADING ONE WEEK PRIOR TO SEEDING, IF THE LANDSCAPE CONTRACTOR AND LANDSCAPE ARCHITECT FIND GRADING UNACCEPTABLE FOR FINAL SEEDING, LANDSCAPE CONTRACTOR SHALL BRING IT TO THE ATTENTION OF THE GENERAL CONTRACTOR. LANDSCAPE CONTRACTOR SHALL NOT PROCEED WITHOUT APPROVAL BY LANDSCAPE ARCHITECT.*

LANDSCAPE NOTES

1. *CHISEL ALL CUT GRADED OR COMPACTED AREAS TO A MINIMUM DEPTH OF 8".*
2. *DISC ALL AREAS TO RECEIVE GRASS TO A MINIMUM OF 8 INCHES, MIX AND AMEND WITH 3 INCHES OF WELL SCREENED TOPSOIL. ON–SITE TOPSOIL MAY BE USED IN PLACE OF IMPORTED TOPSOIL, IF WELL–SCREENED AND DRY PRIOR TO APPLICATION IN ACCORDANCE WITH SPECIFICATION SECTION 329000.*
3. *REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.*
4. *APPLY AGRICULTURAL LIME, FERTILIZER, AND PHOSPHATE UNIFORMLY AS PER SPECIFICATIONS AND MIX WELL WITH SOIL.*
5. *CONTINUE TILLAGE UNTIL A WELL–PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED TO A 6 INCHES DEPTH.*
6. *SEED AT RATE SPECIFIED OR AS NEEDED TO ACHIEVE AND MAINTAIN A THICK HEALTHY GROUND COVERAGE.*
7. *MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH. BEGIN THOROUGH WATERING OF GRASSED AREAS IMMEDIATELY UPON INSTALLATION. DO NOT ALLOW GRASSED AREAS TO BECOME EXCESSIVELY DRY.*
8. *INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS AS NEEDED.*
9. *IF CONFLICTS OCCUR BETWEEN WRITTEN SPECIFICATIONS AND THE DRAWINGS, THE WRITTEN SPECIFICATIONS SHALL PREVAIL.*

SEEDBED PREPARATION

APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY A MINIMUM 3,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND A MINIMUM 500 LB/ACRE 10–10–10 FERTILIZER, AS NEEDED TO ESTABLISH 95% COVERAGE (AS DETERMINED ON A PER SQUARE YARD BASIS) PRIOR TO SUBSTANTIAL COMPLETION. CONTRACTOR TO SUBMIT A COPY OF ALL SOIL REPORTS TO OWNER UPON RECEIPT.

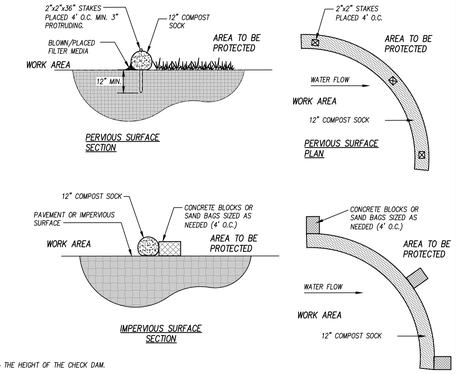
LIME & FERTILIZATION SCHEDULE

1. *DURING ALL PHASES OF CONSTRUCTION, GROUNDCOVER ON EXPOSED SLOPES SHALL BE PROVIDED WITHIN 14 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING.*
2. *FINAL PERMANENT GROUNDCOVER FOR ALL DISTURBED AREAS SHALL BE PROVIDED ON ALL DISTURBED AREAS WITHIN 14 CALENDAR DAYS FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.*
3. *USE EXCELSIOR MATTING OR OTHER APPROVED CHANNEL LINING MATERIAL TO COVER THE BOTTOM OF CHANNELS.*
4. *APPLY 4000 LB/ACRE(2 TONS LB/AC) GRAIN STRAW OVER SEEDED AREAS AND ANCHOR STRAW CRIMPING WITH HAND OR MECHANICAL CRIMPER 8" MAX. SPACING, ASPHALT TACKING OR OTHER APPROVED METHOD. ASPHALT TACKING SHALL BE 400 GAL/ACRE (9 GAL/1000 SF).*
5. *MULCH AND ANCHORING MATERIALS MUST NOT BE ALLOWED TO WASH DOWN SLOPES AND CLOG DRAINAGE DEVICES.*

SURFACE STABILIZATION REQUIREMENTS

NOTES:

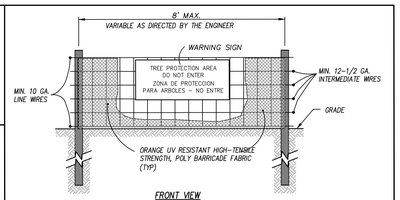
1. *MATERIALS TO BE FILTREXX OR APPROVED EQUAL.*
2. *ALL MATERIAL AND INSTALLATION TO MEET STATE AND LOCAL SPECIFICATIONS.*
3. *COMPOST SOCKS SHALL BE INSTALLED PARALLEL TO THE BASE OF THE SLOPE OR OTHER AFFECTED AREAS, PERPENDICULAR TO SHEET FLOW. COMPOST SOCKS ARE EFFECTIVE IN AREAS WHERE SEDIMENT ACCUMULATION OF LESS THAN SIX INCHES IS EXPECTED.*
4. *COMPOST SOCKS CAN BE APPLIED ON SLOPES UP TO A 2:1 GRADE WITH A MAXIMUM HEIGHT OF 10 FEET. COMPOST SOCK SHOULD NOT BE USED ALONE BELOW GRADED SLOPES GREATER THAN 10 FEET IN HEIGHT.*
5. *2"X2" OAK OR OTHER DURABLE HARDWOOD STAKES SHALL BE USED. STAKES SHALL BE PLACES AT A MAXIMUM INTERVAL OF 4 FEET, OR A MAXIMUM INTERVAL OF 8 FEET IF THE SOCK IS PLACED IN A 4 INCH TRENCH. STAKES SHALL BE DRIVEN TO A MINIMUM DEPTH OF 12 INCHES, WITH A MINIMUM OF 3 INCHES PROTRUDING ABOVE THE COMPOST SOCKS.*
6. *COMPOST SOCKS SHALL BE SLEEVED WHEN SECTIONS LONGER THAN 200–LF ARE REQUIRED. STAKES SHALL BE PLACED ON SLEEVED AREAS TO KEEP SECTIONS TOGETHER.*
7. *IN THE EVENT STAKING IS NOT POSSIBLE (I.E., WHEN SOCKS ARE USED ON PAVEMENT) HEAVY CONCRETE BLOCKS OR SAND BAGS SHALL BE USED BEHIND THE SOCK TO HOLD IT IN PLACE DURING RUNOFF EVENTS.*
8. *COMPOST SOCK SHOULD BE PLACED AT A 10 FOOT MINIMUM DISTANCE FROM THE TOE OF THE SLOPE TO ALLOW FOR A PROPER RUNOFF ACCUMULATION AND MAXIMUM SEDIMENT STORAGE. ON FLAT AREAS, COMPOST SOCK SHALL BE PLACED AT THE EDGE OF DISTURBED AREAS.*
9. *THE ENDS OF THE SOCKS SHOULD BE TURNED SLIGHTLY UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE END OF THE SOCKS.*



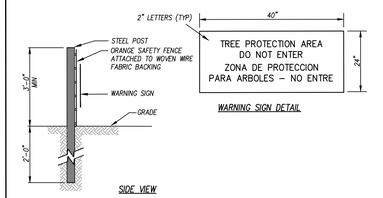
MAINTENANCE NOTES:

1. *INSPECT COMPOST SOCKS WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT (1/2 INCH OR GREATER).*
2. *SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED ½ THE HEIGHT OF THE CHECK DAM.*
3. *THE COMPOST SOCK MUST BE REPLACED IF CLOGGED OR TORN.*
4. *IF PONDING BECOMES EXCESSIVE, THE SOCK MAY NEED TO BE REPLACED WITH A LARGER DIAMETER OR A DIFFERENT MEASURE.*
5. *THE SOCK NEEDS TO BE REINSTALLED IF UNDERMINED OR DISLODGED.*
6. *THE COMPOST SOCK SHALL BE INSPECTED UNTIL LAND DISTURBANCE IS COMPLETE AND THE AREA ABOVE THE MEASURE HAS BEEN PERMANENTLY STABILIZED.*

TEMPORARY COMPOST SOCK PERIMETER FENCE N.T.S.



FRONT VIEW



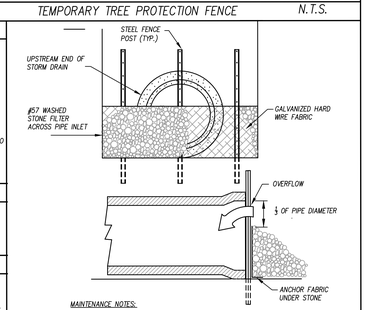
WARNING SIGN DETAIL

SIDE VIEW

NOTES:

1. *INSTALL TREE PROTECTION FENCING PRIOR TO PERFORMING ANY CLEARING OF THE SITE.*
2. *WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL.*
3. *LETTERS TO BE 3" HIGH MINIMUM, CLEARLY LEGIBLE AND SPACED AS DETAILED.*
4. *SIGNS SHALL BE PLACED AT 100' MAXIMUM INTERVALS. PLACE A SIGN AT EACH END OF LINEAR TREE PROTECTION AND 100' ON CENTER THEREAFTER.*
5. *FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA.*
6. *ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC.*
7. *MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT.*

TEMPORARY TREE PROTECTION FENCE N.T.S.



MAINTENANCE NOTES:

1. *ALL OPEN STORM DRAIN PIPES SHALL BE PROTECTED AFTER STOPPAGE OF WORK EACH DAY AS ILLUSTRATED.*
2. *ACCUMULATED SEDIMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF AND THE TRENCH BOTTOM REGRADED AND COMPACTED IN ACCORDANCE w/ SPECIFICATIONS PRIOR TO CONTINUANCE OF LAYING PIPE.*

PROTECTION OF STORM DRAIN UNDER CONSTRUCTION N.T.S.

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.daviskane.com

CLH DESIGN, P.A.
400 Regency Forest Drive
Suite 120
Cary, North Carolina 27518
Phone: (919)319-0716
Fax: (919)319-7516
LA: C-106, PE: C-1595

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

Digitally signed by Steven J. Miller
Date: 2025.01.08 16:37:15-05'00'

DKA JOB NUMBER
2401

REVISIONS

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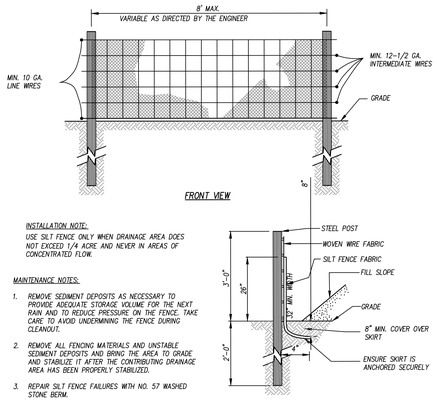
PA: RENEE PFEIFER
PM: RW
Drawn By: PH
Plot Date: 01/08/2025

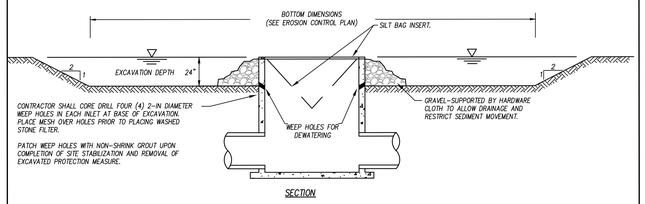
DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
EROSION CONTROL & SCM DETAILS

C-7.00



EXCAVATED INLET PROTECTION N.T.S.



CONSTRUCTION NOTES:

1. PROVIDE WEEP HOLES IN SIDE OF INLET AT BOTTOM OF EXCAVATION FOR DEWATERING.
2. WIRE MESH OR HARDWARE CLOTH SHALL BE PLACED OVER THE OUTSIDE VERTICAL FACE OF THE INLET, TO PREVENT STONE FROM BEING WASHED THROUGH THE WEEP HOLES.
3. #57 WASHED STONE SHALL BE PILED AGAINST THE WIRE.
4. MAINTAIN DEVICE AFTER EACH RAIN. REPLACE #57 WASHED STONE IF IT CLOGS WITH SEDIMENT.
5. CONTRACTOR TO PAINT CLEANOUT MARK ON STRUCTURE AT HALF CAPACITY ELEVATION. SILT IS TO BE REMOVED AND TRAP REPAIRED EACH TIME IT REACHES THIS MARK.
6. CLEAR THE AREA OF ALL DEBRIS THAT MIGHT HINDER EXCAVATION AND DISPOSAL OF SPOIL.
7. GRADE TEH APPROACH TO THE INLET UNIFORMLY.
8. WHEN CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, SEAL WEEP HOLES, FILL THE BASIN WITH COMPACTED, DRY, SUITABLE SOIL TO FINAL GRADES AND APPLY FINAL SURFACING.

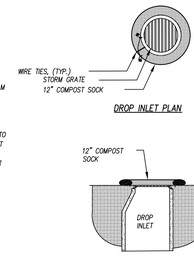
MAINTENANCE NOTES:

1. INSPECT, CLEAN, AND PROPERLY MAINTAIN THE EXCAVATED BASIN AFTER EVERY STORM UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED.
2. REMOVE SEDIMENT WHEN THE VOLUME OF THE BASIN HAS BEEN REDUCED BY ONE-HALF. DISPOSE OF REMOVED SEDIMENT PROPERLY AT AN OFFSITE LOCATION.
3. SPREAD ALL EXCAVATED MATERIAL EVENLY OVER THE SURROUNDING LAND AREA OR STOCKPILE AND STABILIZE IT APPROPRIATELY.
4. SHOULD MANUAL DEWATERING BECOME NECESSARY FOR MAINTENANCE OR FINAL REMOVAL, UTILIZE A MUD PUMP WITH FLOATING SUCTION INLET AND DISCHARGE FLOW ONLY THROUGH A PROPERLY INSTALLED SILT BAG. MONITOR PUMPING TO ENSURE FLOW CAPACITY OF SILT BAG IS NOT EXCEEDED.

TEMPORARY COMPOST SOCK INLET PROTECTION N.T.S.

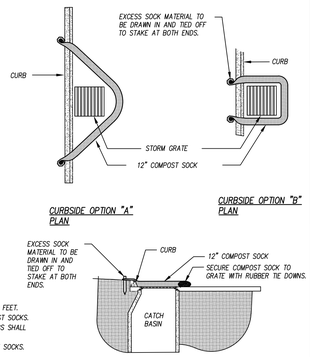
MAINTENANCE NOTES:

1. INSPECT COMPOST SOCKS WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT (1/2 INCH OR GREATER).
2. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED ½ THE HEIGHT OF THE CHECK DAM.
3. THE COMPOST SOCK MUST BE REPLACED IF CLOGGED OR TORN.
4. IF PONDING BECOMES EXCESSIVE, THE SOCK MAY NEED TO BE REPLACED WITH A LARGER DIAMETER OR A DIFFERENT MEASURE.
5. THE SOCK NEEDS TO BE REINSTALLED IF UNDERMINED OR DISLODGED.
6. THE COMPOST SOCK SHALL BE INSPECTED UNTIL LAND DISTURBANCE IS COMPLETE AND THE AREA ABOVE THE MEASURE HAS BEEN PERMANENTLY STABILIZED.



NOTES:

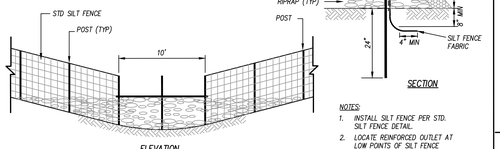
1. MATERIALS TO BE FILTREXX OR APPROVED EQUAL.
2. ALL MATERIAL AND INSTALLATION TO MEET STATE AND LOCAL SPECIFICATIONS.
3. 2"x2" OAK OR OTHER DURABLE HARDWOOD STAKES SHALL BE USED. STAKES SHALL BE PLACES AT A MAXIMUM INTERVAL OF 4 FEET. STAKES SHALL BE DRIVEN TO A MINIMUM DEPTH OF 12 INCHES, WITH A MINIMUM OF 3 INCHES PROTRUDING ABOVE THE COMPOST SOCKS.
4. IN THE EVENT STAKING IS NOT POSSIBLE (I.E., WHEN SOCKS ARE USED ON PAVEMENT) HEAVY CONCRETE BLOCKS OR SAND BAGS SHALL BE USED BEHIND THE SOCK TO HOLD IT IN PLACE DURING RUNOFF EVENTS.
5. THE ENDS OF THE SOCKS SHOULD BE TURNED SLIGHTLY UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE END OF THE SOCKS.



STANDARD TEMPORARY SILT FENCE N.T.S.

MAINTENANCE NOTES:

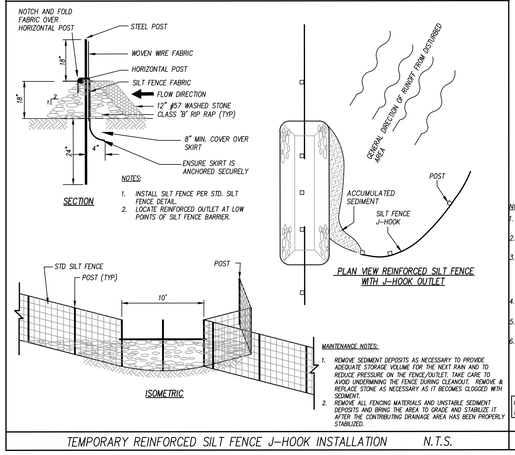
1. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE/OUTLET. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE & REPLACE STONE AS NECESSARY AS IT BECOMES CLOGGED WITH SEDIMENT.
2. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.



NOTES:

1. INSTALL SILT FENCE PER STD. SILT FENCE DETAIL.
2. LOCATE REINFORCED OUTLET AT LOW POINTS OF SILT FENCE BARRIER.

REINFORCED SILT FENCE OUTLET N.T.S.



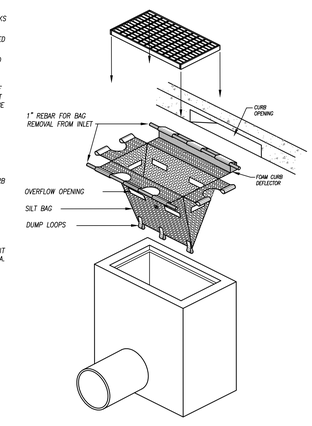
MAINTENANCE NOTES:

1. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE/OUTLET. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE & REPLACE STONE AS NECESSARY AS IT BECOMES CLOGGED WITH SEDIMENT.
2. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

TEMPORARY REINFORCED SILT FENCE J-HOOK INSTALLATION N.T.S.

NOTES:

1. CONTRACTOR TO INSPECT SILT BAG EVERY TWO WEEKS OR AFTER EVERY SUBSTANTIAL RAIN EVENT.
2. CONTRACTOR TO REMOVE AND DISPOSE OF COLLECTED SILT AT AN ACCEPTABLE OFF SITE LOCATION.
3. COLLECTED SEDIMENT TO BE REMOVED ROUTINELY TO ENSURE FUNCTIONALITY OF SILT BAG.
4. DEVICE SHALL BE MANUFACTURED FROM WOVEN POLYPROPYLENE GEOTEXTILE TO FIT THE OPENING OF A CATCH BASIN OR DROP INLET TO FILTER SEDIMENT FROM RUNOFF ENTERING THE INLET. DEVICE SHALL BE PROVIDED WITH AN INTEGRAL CURB DEFLECTOR IF INSTALLED AT A CATCH BASIN WITH A VERTICAL OPENING ADJACENT TO A HORIZONTAL GRATE.
5. THE DEVICE SHALL BE A HIGH FLOW "SILTSACK" AS MANUFACTURED BY ACF ENVIRONMENTAL, INC. OR APPROVED EQUAL.
6. INSTALL DEVICE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND INSTALL A CURB DEFLECTOR IF APPROPRIATE.
7. INSPECT DEVICE AFTER EACH RAIN EVENT AND AT INTERVALS NOT EXCEEDING TWO WEEKS DURING CONSTRUCTION. REMOVE, EMPTY, CLEAN, AND REPLACE THE DEVICE AS NEEDED DURING CONSTRUCTION. EMPTY COLLECTED SEDIMENT IN APPROVED, PROTECTED LOCATION. REMOVE AND DISPOSE OF DEVICE FOLLOWING FULL AND PERMANENT STABILIZATION OF THE CONTRIBUTING DRAINAGE AREA.



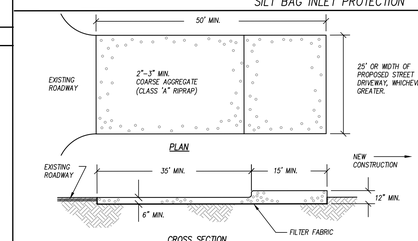
MAINTENANCE NOTES:

1. INSPECT THE BARRIER AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL AND MAKE REPAIRS AS NEEDED.

2. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS.

3. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.

SILT BAG INLET PROTECTION N.T.S.



NOTES:

1. ENTRANCE(S) SHALL BE LOCATED TO PROVIDE MAXIMUM UTILITY BY ALL CONSTRUCTION VEHICLES.
2. TURNING RADIUS SUFFICIENT TO ACCOMMODATE LARGE TRUCKS SHALL TO BE PROVIDED.
3. ENTRANCES MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOPDRESSING WITH STONE WILL BE NECESSARY. CONTRACTOR SHALL MAINTAIN AS NECESSARY.
4. ANY MATERIAL WHICH STILL MAKES IT ONTO THE ROAD MUST BE CLEANED UP IMMEDIATELY.
5. FREQUENT CHECKS OF THE ENTRANCE(S) AND TIMELY MAINTENANCE SHALL BE PROVIDED.
6. NOTES ARE APPLICABLE AT ALL POINTS OF INGRESS AND EGRESS UNTIL SITE IS STABILIZED.

MAINTENANCE NOTES:

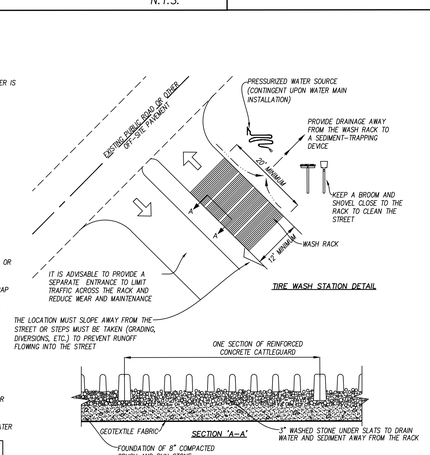
1. MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. MAY REQUIRE PERIODIC TOPDRESSING WITH 2-INCH STONE.
2. AFTER EACH RAINFALL, INSPECT ANY STRUCTURE USED TO TRAP SEDIMENT AND CLEAN IT OUT AS NECESSARY.
3. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED OR TRACKED ONTO PUBLIC ROADWAYS.

CONSTRUCTION SPECIFICATIONS:

1. CLEAR THE ENTRANCE AND EXIT AREA OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL AND PROPERLY GRADE IT.
2. PLACE THE GRAVEL TO THE SPECIFIC GRADE AND DIMENSIONS SHOWN ON THE PLANS, AND SMOOTH IT.
3. PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP OR SUITABLE OTHER OUTLET.
4. USE GEOTEXTILE FABRIC TO IMPROVE STABILITY OF THE FOUNDATION IN LOCATIONS SUBJECT TO SEEPAGE OR HIGH WATER TABLE.

CONTRACTOR SHALL USE TIRE WASH STATION TO PREVENT SEDIMENT FROM TRACKING ONTO THE ROAD IF CONSTRUCTION ENTRANCE IS FOUND INSUFFICIENT AT NO ADDITIONAL COST TO OWNER.

GRAVEL CONSTRUCTION ENTRANCE N.T.S.



CATCH BASIN AND YARD INLET PROTECTION N.T.S.

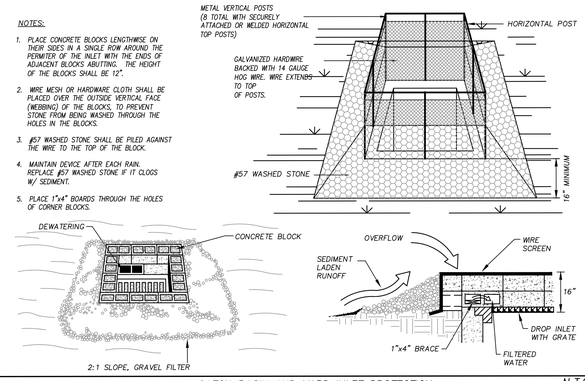
MAINTENANCE NOTES:

1. INSPECT THE BARRIER AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL AND MAKE REPAIRS AS NEEDED.
2. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS.
3. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.

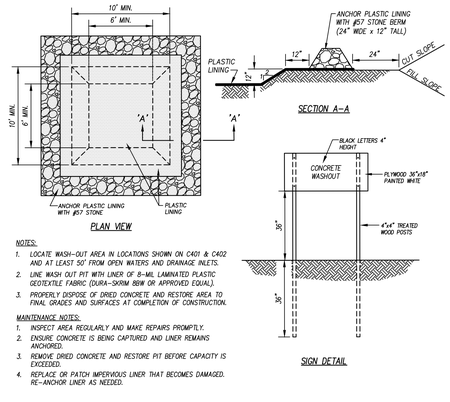
NOTES:

1. PLACE CONCRETE BLOCKS LENGTHWISE ON THEIR SIDES IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET WITH THE ENDS OF ADJACENT BLOCKS ABUTTING. THE HEIGHT OF THE BLOCKS SHALL BE 12".
2. WIRE MESH OR HARDWARE CLOTH SHALL BE PLACED OVER THE OUTSIDE VERTICAL FACE (WEBBING) OF THE BLOCKS, TO PREVENT STONE FROM BEING WASHED THROUGH THE HOLES IN THE BLOCKS.
3. #57 WASHED STONE SHALL BE PILED AGAINST THE WIRE TO THE TOP OF THE BLOCK.
4. MAINTAIN DEVICE AFTER EACH RAIN. REPLACE #57 WASHED STONE IF IT CLOGS W/ SEDIMENT.
5. PLACE 1"x4" BOARDS THROUGH THE HOLES OF CORNER BLOCKS.

NOTE:
TEMPORARY INLET PROTECTION MAY BE SUBSTITUTED WITH A PROPERLY SIZED FILTREXX COMPOST SOCK OR APPROVED EQUAL IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.



TEMPORARY COMPOST SOCK INLET PROTECTION N.T.S.



NOTES:

1. LOCATE WASH-OUT AREA IN LOCATIONS SHOWN ON C401 & C402 AND AT LEAST 50' FROM OPEN WATERS AND DRAINAGE INLETS.
2. LINE WASH OUT PIT WITH LINER OF 8-MIL LAMINATED PLASTIC GEOTEXTILE FABRIC (DURA-SKRIM 80W OR APPROVED EQUAL).
3. PROPERLY DISPOSE OF DRIED CONCRETE AND RESTORE AREA TO FINAL GRADES AND SURFACES AT COMPLETION OF CONSTRUCTION.

MAINTENANCE NOTES:

1. INSPECT AREA REGULARLY AND MAKE REPAIRS PROMPTLY.
2. ENSURE CONCRETE IS BEING CAPTURED AND LINER REMAINS ANCHORED.
3. REMOVE DRIED CONCRETE AND RESTORE PIT BEFORE CAPACITY IS EXCEEDED.
4. REPLACE OR PATCH IMPERVIOUS LINER THAT BECOMES DAMAGED. RE-ANCHOR LINER AS NEEDED.

CONCRETE WASHOUT AREA N.T.S.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA PROFESSIONAL SEAL 022625 ENGINEER STEVEN J. MILLER

Digitally signed by Steven J. Miller
Date: 2025.01.08 16:37:20-05'00'

DKA JOB NUMBER
2401

REVISIONS

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PA: RENEE PFEIFER
PM: RW
Drawn By: PH
Plot Date: 01/08/2025

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
EROSION CONTROL & SCM DETAILS

C-7.01

CONSTRUCTION NOTES:

1. SEE SPECIFICATIONS FOR TEMP. LINING, RIPRAP AND FILTER FABRIC REQUIREMENTS.
2. RIPRAP CHANNELS SHALL BE OVER-EXCAVATED RIPRAP TO BE PLACED FLUSH WITH PROPOSED CHANNEL GRADE.
3. PREPARE SOIL BEFORE INSTALLING MATS OR NETS, INCLUDING APPLICATION OF LIME, FERTILIZER AND SEED.
4. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE NET OR MAT IN A 6" DEEP TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
5. ROLL CENTER MAT OR NET IN DIRECTION OF WATER FLOW ON BOTTOM OF CHANNEL.
6. PLACE MAT OR NET END OVER END (SHINGLE STYLE) WITH A 6" OVERLAP. USE DOUBLE ROW OF STAGGERED STAPLES 4" APART TO SECURE.
7. FULL LENGTH EDGE OF MAT OR NET AT TOP SIDE SLOPES SHALL BE ANCHORED IN 6" DEEP TRENCH AFTER STAPLING.
8. MATS OR NETS SHALL BE OVERLAPPED 4" OVER THE CENTER BLANKET AND STAPLED.
9. THE TERMINAL END OF THE MAT OR NET MUST BE ANCHORED IN A 6" DEEP TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

MAINTENANCE NOTES:

1. GRASSED-LINED CHANNELS TO BE INSPECTED WEEKLY AND AFTER EVERY RAINFALL EVENT, DURING THE ESTABLISHMENT AND AFTER THE ESTABLISHMENT PERIOD.
2. REPAIRS ARE TO BE MADE IMMEDIATELY.
3. REMOVE SEDIMENT ACCUMULATIONS TO MAINTAIN DESIGNED CARRYING CAPACITY.
4. GRASS IS TO BE HEALTHY AND IN VIGOROUS CONDITIONS AT ALL TIMES.

CHANNEL LINER

CHANNEL SCHEDULE

CHANNEL	BOTTOM WIDTH (FT)	SIDE SLOPE (H:V)	CHANNEL GRADE	CHANNEL LENGTH	PERM. LINING	TEMP. LINING	MIN. TOP WIDTH OF LINING (FT)
1	2	3:1	1.50%	140 LF	GRASS	EXCELSIOR	8'
2	3	3:1	0.50%	50 LF	GRASS	EXCELSIOR	9'

EXCELSIOR MAT STAPLE PATTERN
NTS

GRASS-LINED CHANNEL
NTS

CHANNEL SECTIONS N.T.S.

MAINTENANCE NOTES:

1. INSPECT THE BARRIER AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL AND MAKE REPAIRS AS NEEDED.
2. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS.
3. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.

NOTES:

1. PLACE CONCRETE BLOCKS LENGTHWISE ON THEIR SIDES IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET WITH THE ENDS OF ADJACENT BLOCKS ABUTTING. THE HEIGHT OF THE BLOCKS SHALL BE 12".
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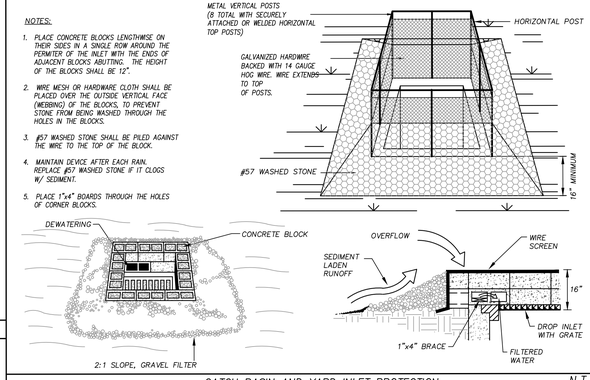
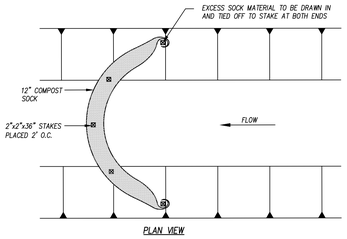
4. MAINTAIN DEVICE AFTER EACH RAIN. REPLACE #57 WASHED STONE IF IT CLOGS W/ SEDIMENT.
5. PLACE 1"x4" BOARDS THROUGH THE HOLES OF CORNER BLOCKS.

NOTE:
TEMPORARY INLET PROTECTION MAY BE SUBSTITUTED WITH A PROPERLY SIZED FILTREXX COMPOST SOCK OR APPROVED EQUAL IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.



CATCH BASIN AND YARD INLET PROTECTION N.T.S.



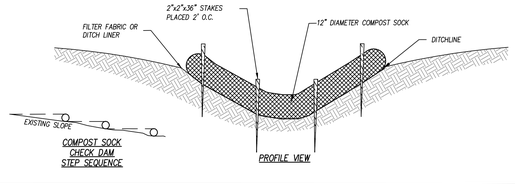
PLAN VIEW

MAINTENANCE NOTES:

1. INSPECT COMPOST SOCKS WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL EVENT (1/2 INCH OR GREATER).
2. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED ½ THE HEIGHT OF THE CHECK DAM.
3. THE COMPOST SOCK MUST BE REPLACED IF CLOGGED OR TORN.
4. IF PONDING BECOMES EXCESSIVE, THE SOCK MAY NEED TO BE REPLACED WITH A LARGER DIAMETER OR A DIFFERENT MEASURE.
5. THE SOCK NEEDS TO BE REINSTALLED IF UNDERMINED OR DISLODGED.
6. THE COMPOST SOCK SHALL BE INSPECTED UNTIL LAND DISTURBANCE IS COMPLETE AND THE AREA ABOVE THE MEASURE HAS BEEN PERMANENTLY STABILIZED.

NOTES:

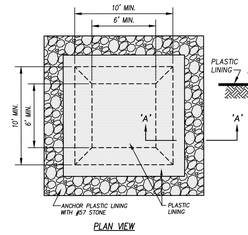
1. MATERIALS TO BE FILTREXX OR APPROVED EQUAL.
2. ALL MATERIAL AND INSTALLATION TO MEET STATE AND LOCAL SPECIFICATIONS.
3. COMPOST SOCK MAY BE USED AS CHECK DAMS IN DITCHES NOT EXCEEDING 3 FEET IN DEPTH.
4. PRIOR TO SOCK INSTALLATION, CLEAR ALL OBSTRUCTIONS INCLUDING ROCKS, CLODS, AND OTHER DEBRIS GREATER THAN ONE INCH THAT MAY INTERFERE WITH PROPER FUNCTION.
5. 2"X2" OAK OR OTHER DURABLE HARDWOOD STAKES SHALL BE USED. STAKES SHALL BE PLACED AT A MAXIMUM INTERVAL OF 2 FEET. STAKES SHALL BE DRIVEN TO A MINIMUM DEPTH OF 12 INCHES, WITH A MINIMUM OF 3 INCHES PROTRUDING ABOVE THE COMPOST SOCKS.
6. THE ENDS OF THE SOCKS SHOULD BE TURNED SLIGHTLY UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE END OF THE SOCKS.
7. CHECK DAM SHOULD BE USED IN AREAS THAT DRAIN 10 ACRES OR LESS.
8. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.



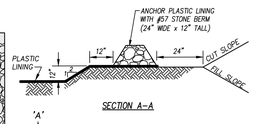
COMPOST SOCK CHECK DAM STEP SEQUENCE

PROFILE VIEW

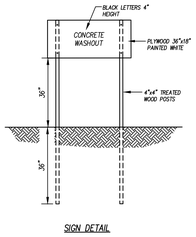
TEMPORARY COMPOST SOCK CHECK DAM N.T.S.



PLAN VIEW



SECTION A-A



SIGN DETAIL

NOTES:

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2. LINE WASH OUT PIT WITH LINER OF 8-MIL LAMINATED PLASTIC GEOTEXTILE FABRIC (DURA-SKRIM 8BW OR APPROVED EQUAL).
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MAINTENANCE NOTES:

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4. REPLACE OR PATCH IMPERVIOUS LINER THAT BECOMES DAMAGED. RE-ANCHOR LINER AS NEEDED.

CONCRETE WASHOUT AREA N.T.S.

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA PROFESSIONAL SEAL 032925 ENGINEER STEVEN J MILLER

Digitally signed by Steven J. Miller
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REVISIONS

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PA: RENEE PFEIFER
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Drawn By: PH
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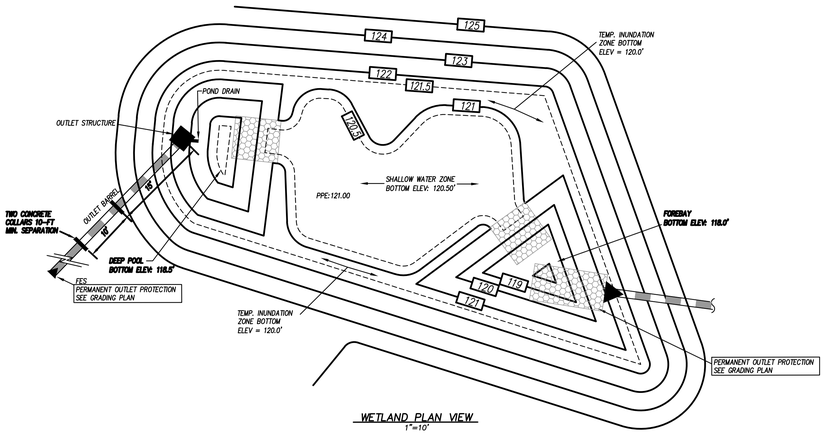
SHEET TITLE
EROSION CONTROL & SCM DETAILS

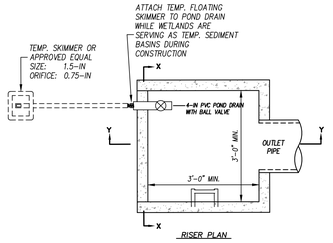
C-7.02



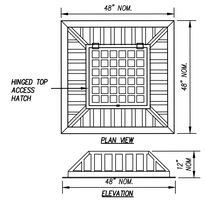
WETLAND PLAN VIEW
1"=10'

KEY NOTES

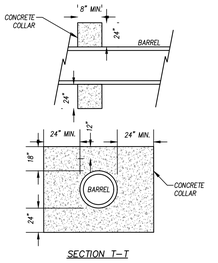
- (A) TOP OF EMBANKMENT ELEVATION: 124.00'
- (B) EMERGENCY SPILLWAY CREST ELEVATION: N/A
- (C) RISER CREST ELEVATION:122.5'
- (D) NOTCH ELEVATION: 122.00'
- (E) NOTCH WIDTH: 6"
- (F) PERMANENT POOL ELEVATION: 121.00'
- (G) DEWATERING ORIFICE PVC CAP FITTING WITH DRILLED HOLE HOLE DIA.: 0.625"
- (H) OUTLET PIPE INVERT ELEVATION: 119.83'
- (I) OUTLET PIPE DIAMETER: 15"



RISER PLAN

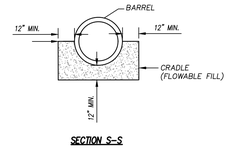


TRASH RACK DETAIL
SCALE: N.T.S.



SECTION T-T

CONCRETE COLLAR
SCALE: 1"=5'



SECTION S-S

PIPE CRADLE DETAIL
SCALE: N.T.S.

WETLAND POST-CONSTRUCTION MAINTENANCE SCHEDULE

DESCRIPTION	METHOD	FREQUENCY	SEASON	DESCRIPTION	METHOD	FREQUENCY	SEASON
EMBANKMENT				PLANTS			
INSPECT AND REPAIR EROSION / ANIMAL NESTINGS	VISUAL	ANNUALLY	ALL	REPLACE ANY DEAD OR DISEASED VEGETATION CONSIDERED BEYOND TREATMENT	SEE PLANTING SPECIFICATIONS	TWICE PER YEAR	MAR 15 - APR 30 OCT 1 - NOV 30
OUTLET STRUCTURE							
DEBRIS / OBSTRUCTIONS	BY HAND	WHENEVER NEEDED	ALL	TREAT ALL DISEASED PLANTS NOT TO BE REMOVED	MECHANICAL OR BY HAND	WHENEVER NEEDED	ALL
FOREBAY / DEEP POOL				WATER PLANT MATERIAL AND END OF EACH DAY FOR 14 CONSECUTIVE DAYS AFTER PLANTING	BY HAND	IMMEDIATELY AFTER COMPLETION OF PROJECT	N/A
SEDIMENT / DEBRIS	BY HAND	ONCE PER 6 MONTHS OR WHEN 1/2 FULL OF SEDIMENT	ALL				
CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE UNTIL FINAL ACCEPTANCE AT WHICH TIME OWNER WILL ASSUME MAINTENANCE RESPONSIBILITY. LANDSCAPE WARRANTIES SHALL APPLY TO STORMWATER WETLAND PLANTINGS.				REPLACE SUPPORT STAKES	BY HAND	ONCE PER YEAR	SPRING
				REPLACE DEFICIENT STAKES OR WIRES	BY HAND	WHENEVER NEEDED	ALL

INFILTRATION/LEAKAGE TESTING

1. FOLLOWING INSTALLATION OF THE CLAY LINER PERFORM WETLAND INFILTRATION/LEAKAGE TESTING.
2. ENSURE THE TEMP. SKIMMER IS STILL CONNECTED TO THE POND DRAIN. CLOSE THE POND DRAIN VALVE AND ALLOW WETLAND/POND TO FILL WITH WATER TO THE PERMANENT POOL ELEVATION.
3. ALLOW THE WATER LEVEL DRAIN AND EQUALIZE THROUGH NORMAL DRAINAGE OR BY BRIEFLY OPENING THE POND DRAIN VALVE TO BRING THE WATER LEVEL IN THE WETLAND/POND TO A LEVEL 1-3-INCH BELOW THE PERMANENT POOL ELEVATION. RE-CLOSE THE POND DRAIN VALVE.
4. THE FOLLOWING STEPS SHALL BE PERFORMED DURING A PERIOD OF NO PRECIPITATION.
5. CHECK THE INTERIOR OF THE OUTLET STRUCTURE FOR VISIBLE LEAKAGE AND REPAIR IF LEAKAGE IS PRESENT.
6. ATTACH A VERTICAL YARDSTICK TO THE SIDE OF THE RISER EXTENDING BELOW AND ABOVE THE WATER LEVEL FOR WATER LEVEL MONITORING.
7. RECORD THE WATER LEVEL READING ON THE YARDSTICK WITH DATE AND TIME STAMPED PHOTO.
8. RECORD THE WATER LEVEL READING AGAIN AT 24-HR AND 48-HR AFTER THE ORIGINAL READING.
9. PROVIDE THE PHOTO RECORDS TO THE ENGINEER FOR ANALYSIS.
10. AWAIT APPROVAL BEFORE PROCEEDING WITH FURTHER WETLAND CONSTRUCTION.

AS-BUILT SURVEY REQUIREMENTS

1. CONTRACTOR SHALL PROVIDE AS-BUILT TOPOGRAPHIC SURVEY PERFORMED BY A PROFESSIONAL LAND SURVEYOR CERTIFYING CONSTRUCTED WETLAND AREA DIMENSIONS AND ELEVATIONS OF THE FOLLOWING:
   - 1.1. OUTLET STRUCTURE TOPS AND INVERTS, ORIFICE DIAMETERS, BARREL PIPE SIZES AND INVERTS AND STRUCTURE DIMENSIONS.
   - 1.2. EMERGENCY SPILLWAY ELEVATION AND DIMENSIONS.
   - 1.3. TOPOGRAPHY THAT EXTENDS 20 FEET OUTSIDE LIMITS OF POND WATER SURFACE AND EMBANKMENT.

WETLAND CONVERSION SEQUENCE

1. CONSTRUCTED WETLAND AREAS SHALL BE UTILIZED AS A TEMPORARY SEDIMENT BASINS DURING CONSTRUCTION.
2. REFER TO EROSION CONTROL PLAN FOR TEMPORARY SEDIMENT BASIN DETAILS.
3. COVERT SEDIMENT BASIN TO WETLAND AT COMPLETION OF SITE CONSTRUCTION AS SPECIFIED BELOW.
4. FOLLOWING COMPLETION OF CONSTRUCTION AND STABILIZATION OF WETLAND'S DRAINAGE BASIN, PERFORM THE FOLLOWING:
   - 4.1. SCHEDULE THE FOLLOWING WORK TO COINCIDE WITH AN EXTENDED FORECAST OF NO PRECIPITATION SUCH THAT ALL WORK CAN BE COMPLETED DURING A PERIOD OF DRY WEATHER.
   - 4.2. REMOVE ALL ACCUMULATED SEDIMENT.
   - 4.3. IF ADDITIONAL DE-WATERING IS NEEDED BELOW DRAIN/SKIMMER ELEVATION, UTILIZE A MUD PUMP WITH FLOATING SUCTION INLET AND DISCHARGE REMAINING WATER THROUGH A SILT BAG LOCATED OUTSIDE OF THE BASIN (SEE EROSION CONTROL PLAN). MONITOR PUMPING TO ENSURE FLOW DOES NOT EXCEED THE CAPACITY OF FILTER BAG.
   - 4.4. GRADE WETLAND INTERIOR TO FINAL SUBGRADE ELEVATIONS.
   - 4.5. INSTALL AND COMPACT CLAY LINER AND PERFORM WATER INFILTRATION/LEAKAGE TESTING.
   - 4.6. INSTALL ARMORED SECTIONS OF FOREBAY WEIRS.
   - 4.7. INSTALL AND FINE GRADE TOPSOIL TO FINISH GRADES.
   - 4.8. CORE-DRILL AND INSTALL PVC PRIMARY SPILLWAY PIPE. DO NOT GLUE JOINTS OF PIPE. CUT THREE SIDES OF STRUCTURE WALL TO NEW WEIR HEIGHT.
   - 4.9. CLOSE DRAIN VALVE AND ALLOW WETLAND TO FILL WITH RUNOFF TO PRIMARY SPILLWAY ELEVATION. SURVEY EDGES OF NORMAL WATER LEVEL POOL AND COMPARE TO LIMITS SHOWN ON PLAN. ADJUST FINISH GRADES AS NECESSARY TO MATCH PLAN.
   - 4.10. ONCE FINISH GRADES ARE CORRECT AND CONFIRMED, DRAIN WETLAND AND PERFORM DETAILED TOPOGRAPHIC SURVEY.
   - 4.11. FOLLOWING APPROVAL OF SURVEY, INSTALL PLANT MATERIAL AND SOD ON PERIMETER SLOPES.
   - 4.12. INSTALL TEMP PLASTIC FENCING AROUND INTERIOR OF WETLAND TO PROTECT NEWLY INSTALLED PLANTS FROM GEESE.
   - 4.13. REMOVE TEMP. SKIMMER AND CLOSE DRAIN VALVE. ALLOW WETLAND TO FILL WITH RUNOFF.
5. MAINTAIN WETLANDS FOR THE PROJECTS 12-MO WARRANTY PERIOD.

CLAY LINER

1. CONTRACT SHALL FURNISH AND INSTALL A 6-8-IN THICK LAYER OF COMPACTED CLAY BENEATH THE WETLAND TOPSOIL.
2. SUBGRADE OF WETLAND MUST BE OVER-EXCAVATED TO ACCOMMODATE CLAY LAYER.
3. COMPACTED CLAY SHALL BE TESTED IN PLACE AND SHALL HAVE A PERMEABILITY NO GREATER THAN 0.01 IN/HR.
4. WETLAND CLAY LINER SHALL EXTEND UP TO SEASON HIGH WATER TABLE (SHWT) ELEVATION AS INDICATED ON WETLAND DETAIL SHEETS, UNLESS THE SHWT IS HIGHER THAN FINISH GRADE, THEN THE CLAY LINER WILL EXTEND TO FINISH GRADE ELEVATION.

WETLAND SOIL MIX

ADD 12-18" OF TOPSOIL THROUGHOUT STORMWATER WETLAND AREA. TOPSOIL SHALL BE PLACED WITHIN THE SHALLOW LAND, SHALLOW WATER AND DEEP POOL AREAS AND ADHERE TO THE FOLLOWING REQUIREMENTS:

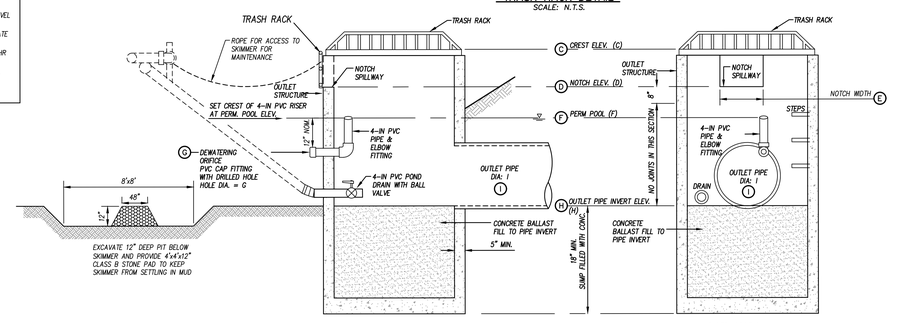
1. THE SOIL MUST BE UNIFORM AND FREE OF STONES, STUMPS, ROOTS, OR OTHER SIMILAR MATERIAL GREATER THAN 2 INCHES.
2. SOIL TEXTURE SHALL BE A LOAMY SAND, WITH NO MORE THAN 10% CLAY (USDA SOIL TEXTURAL CLASSIFICATION).
3. A MINIMUM ORGANIC CONTENT OF 10% BY DRY WEIGHT.
4. THE pH SHALL BE BETWEEN 5.5 AND 7.0.

WETLAND PLANTING NOTES

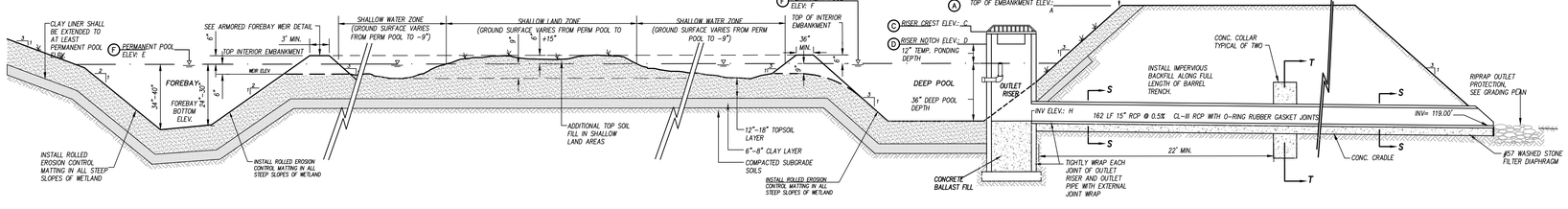
1. WETLAND AREA SHALL BE DRAINED ONE DAY PRIOR TO PLANTING.
2. LANDSCAPE ARCHITECT TO APPROVE ALL LOCATIONS IN FIELD.
3. PLANTINGS TO BE GROUPED BY SPECIES IN QUANTITIES OF 40 OR MORE PER GROUPING.
4. SKETCH PLAN OF PLANT LOCATIONS TO BE PROVIDED TO LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
5. CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF STORMWATER WETLAND IMMEDIATELY AFTER EACH AREA IS PLANTED. MAINTENANCE SHALL CONTINUE UNTIL COMPLETION OF THE 12 MONTH WARRANTY PERIOD. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

OUTLET RISER NOTES

1. OUTLET RISER SHALL BE PRECAST, REINFORCED CONCRETE BOX WITH SOLID WALLS, ASTM C-478, (NOT WAFFLE). ALTERNATIVE BRICK OR CAST-IN-PLACE ALLOWED WITH APPROVAL OF SHOP DRAWINGS.
2. ALL JOINTS TO BE ASTM C-1107, NON-SHRK, HYDRAULIC-CEMENT GROUT AND WRAPPED WITH JOINT WRAP.
3. NO PRE-CAST SECTION JOINTS SHALL BE LOCATED BETWEEN THE OUTLET PIPE INVERT ELEVATION AND THE TOP OF THE BOX.
4. PIPE PENETRATIONS SHALL BE CORE DRILLED AND PROVIDED WITH WATER-TIGHT FLEXIBLE PIPE CONNECTORS (ASTM C-923).
5. STEPS SHALL BE INSTALLED AT 16" O.C.
6. BASE SLAB SHALL BE 6-IN MIN. THICK. EXPOSED EXTERIOR SURFACES OF RISER SHALL BE PARGE-COATED AND SANDED FOR A SMOOTH AND CONSISTENT FINISH.
7. RISER SHALL BE PROVIDED WITH EXTENDED DEPTH SUMP FILLED WITH 48-IN MIN. DEPTH OF BALLAST CONCRETE TO INVERT OF OUTLET PIPE.
8. TRASH RACK SHALL BE OR ALUMINUM BEEHIVE STYLE WITH HINGED TOP HATCH AS MANUFACTURED BY TRASHRACKS.COM OR APPROVED EQUAL.
9. ANCHORS SHALL BE STAINLESS STEEL.
10. RODS SHALL BE #4 BARS MINIMUM SPACED WITH 4"-6" OPENINGS.



TYPICAL OUTLET RISER DETAIL
SCALE: N.T.S.



WETLAND TYPICAL SECTION
SCALE: N.T.S.

SCM WETLAND N.T.S.

DAVIS KANE ARCHITECTS, PA
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Cary, North Carolina 27518
Phone: (919)319-7715
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LA: C-108, PE: C-1595

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 32625 ENGINEERING STEVEN J. MILLER

Digitally signed by Steven J. Miller
Date: 2025.01.08 16:37:27-05'00'

DKA JOB NUMBER
2401

REVISIONS

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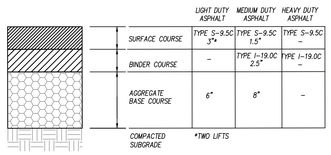
PA: RENEE PFEIFER
PM: RW
Drawn By: PH
Plot Date: 01/08/2025

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
EROSION CONTROL & SCM DETAILS

C-7.03

PAVEMENT SECTIONS — N.T.S.



	LIGHT DUTY ASPHALT	MEDIUM DUTY ASPHALT	HEAVY DUTY ASPHALT
SURFACE COURSE	TYPE S-9.5C 3"*	TYPE S-9.5C 1.5"	TYPE S-9.5C –
BINDER COURSE	–	TYPE I-19.0C 2.5"	TYPE I-19.0C –
AGGREGATE BASE COURSE	6"	8"	–
COMPACTED SUBGRADE	*TWO LIFTS		

SEE SPECIFICATIONS FOR PROOFROLLING, COMPACTION & TESTING REQUIREMENTS.

DETAIL IS FOR ON-SITE PAVING OPERATIONS ONLY.

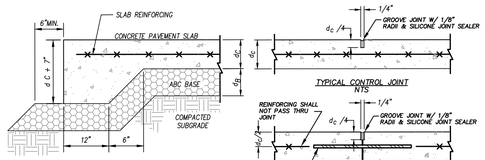
THE CONTRACTOR MAY CHOOSE TO INSTALL INTERMEDIATE COURSES OF PAVEMENT TO STABILIZE THE SITE DURING CONSTRUCTION AT NO ADDITIONAL COST.

THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ADEQUATE THICKNESS REQUIRED FOR INTERMEDIATE PAVING. INCREASES IN THE DESIGN PAVEMENT SECTION TO FACILITATE INTERMEDIATE PAVING SHALL BE PROVIDED AT NO ADDITIONAL COST.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGES TO SUBGRADE, INSTALLED BASE COURSE AND/OR INTERMEDIATE PAVING PRIOR TO PLACING SUBSEQUENT PAVEMENT LIFTS AT NO ADDITIONAL COST.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING PAVEMENT DURING ALL PHASES OF WORK. THE FINAL SURFACE OF PAVEMENT SHALL BE FREE OF ALL DEFECTS OR DAMAGE.

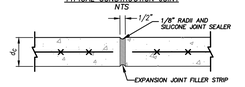
HEAVY DUTY CONCRETE PAVEMENT — N.T.S.



TYPICAL THICKENED EDGE
NTS

TYPICAL CONTROL JOINT
NTS

TYPICAL CONSTRUCTION JOINT
NTS



TYPICAL EXPANSION JOINT
NTS

HEAVY DUTY CONCRETE PAVEMENT DIMENSIONS	
CONC SLAB THICKNESS, d_C =	7"
ABC THICKNESS, d_B =	4"
REINFORCEMENT =	6x6–W2.9xW2.9

NOTES:

ALL CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI (ASTM C39).

CONTRACTION JOINTS SHALL BE SPACED AT 15 FT O.C.E.W. MAX. OR AS INDICATED ON THE PLAN.

EXPANSION JOINTS SHALL BE SPACED AT 50 FT O.C.E.W. MAX. OR AS INDICATED ON THE PLAN AND WHERE CONCRETE PAVEMENT ABUTS ANY RIGID OBJECT.

ACCESSIBLE CURB RAMPS — N.T.S.

RAMPS DEVELOPED IN ACCORDANCE WITH AMERICANS WITH DISABILITIES ACT (ADA)

THE WALKING SURFACE SHALL BE SLIP RESISTANT. THE COLOR FOR THE DETECTABLE WARNING AREA SHALL BE YELLOW FOR CONTRAST.

NO SLOPE ON THE SIDEWALK ACCESS RAMP SHALL EXCEED 1" /FT (12:1) IN RELATIONSHIP TO THE GRADE OF THE STREET. SEE GRADING FOR ADDITIONAL INFORMATION.

NO RAMPS OR SIDEWALK SHALL BE LESS THAN 48" WIDE. REFER TO STAKING SHEETS FOR ALL SIDEWALK AND RAMP WIDTHS.

ALL CONCRETE SHALL BE 4,000 PSI @ 28 DAYS.

CURB RAMPS SHALL BE PARALLEL TO THE DIRECTION OF TRAVEL.

EXPANSION JOINTS SHALL BE INSTALLED FULL DEPTH WHEN EVER IT ABUTS EXISTING OR CURB AND GUTTER

CROSS SLOPE NOT TO EXCEED 2% ON ANY PORTION OF RAMP OR TRANSITION TO STREET.

NO RAMP SHALL EXCEED 8.33% (12:1) SLOPE.

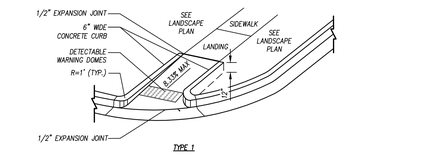
CROSS SLOPE SHALL BE MAX 2%

ALL RAMPS SHALL HAVE A 4' MIN. LANDING WITH A MAX SLOPE OF 2% WERE PEDESTRIANS PERFORM TURNING. ENSURE TO PITCH TOWARDS GUTTER.

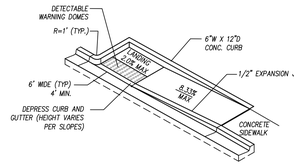
DETECTABLE DOMES SHALL BE INSTALL AT FULL WIDTH OF RAMP.

SEE CONCRETE SIDEWALK DETAIL FOR ADDITIONAL INFORMATION.

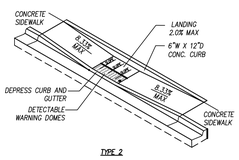
DOMES SUBMITTAL SHALL BE SUBMITTED TO DESIGN TEAM PRIOR TO INSTALLATION. COLOR SHALL BE YELLOW UNLESS OTHERWISE NOTED.



TYPE 1

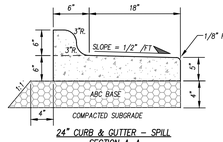


TYPE 1B

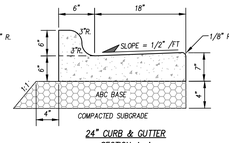


TYPE 2

CURB AND GUTTER — N.T.S.



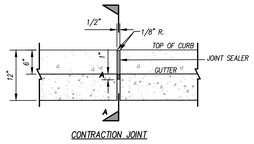
24" CURB & GUTTER – SPILL SECTION A–A



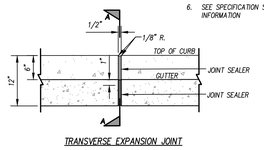
24" CURB & GUTTER SECTION A–A

CURB AND GUTTER NOTES:

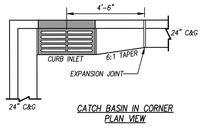
1. ALL CONCRETE SHALL BE 4,000 P.S.I @ 28 DAYS
2. CONTRACTION JOINTS SHALL BE SPACED AT 10' INTERVALS, SPACING MAY BE INCREASED TO 15' IF MACHINE IS USED.
3. CONTRACTION JOINTS SHALL BE INSTALLED BY THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS. WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A MINIMUM DEPTH OF 1–1/2" SHALL BE OBTAINED.
4. EXPANSION JOINTS SHALL BE SPACED AT 90' MAX. INTERVALS, AND ADJACENT TO ALL RIGID OBJECTS.
5. ALL JOINTS SHALL BE FILLED WITH JOINT FILLER AND SEALER.
6. SEE SPECIFICATION SECTION 32 13 13 FOR ADDITIONAL INFORMATION



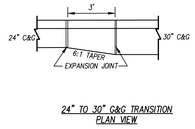
CONTRACTION JOINT



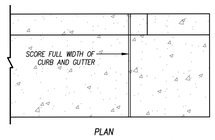
TRANSVERSE EXPANSION JOINT



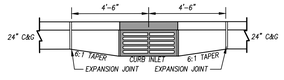
CATCH BASIN IN CORNER PLAN VIEW



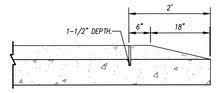
24" TO 30" C&G TRANSITION PLAN VIEW



PLAN

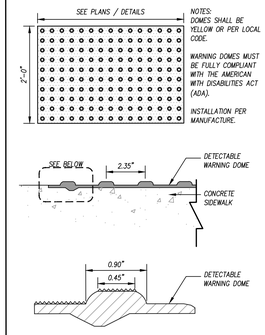


CATCH BASIN ALONG GUTTER PLAN VIEW



FRONT
STANDARD METHOD OF ENDING CURB AND GUTTER

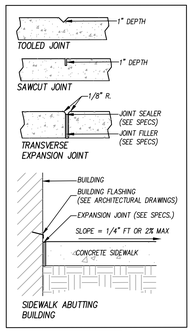
DETECTABLE WARNING DOMES — N.T.S.

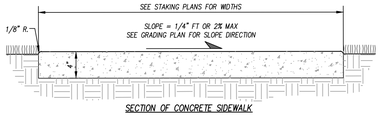


CONCRETE SIDEWALK — N.T.S.

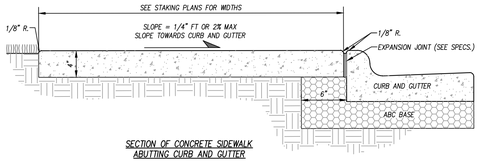
GENERAL NOTES:

1. PROVIDE GROOVE CONTROL JOINT 1.5–IN DEEP WITH 1/8–IN RADII IN EDGING AT 10' INTERVALS UNLESS INDICATED OTHERWISE.
2. PROVIDE 1/2–IN WIDE EXPANSION JOINT AT 50' INTERVALS AND WHERE EDGING ABUTS ANY RIGID PAVEMENT AND/OR STRUCTURE.
3. ALL CONCRETE SHALL BE 4,000 P.S.I.
4. SURFACE SHALL RECEIVE FINE BROOM FINISH.

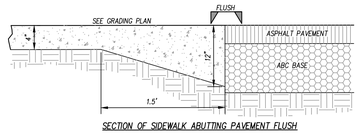




SECTION OF CONCRETE SIDEWALK



SECTION OF CONCRETE SIDEWALK ABUTTING CURB AND GUTTER



SECTION OF SIDEWALK ABUTTING PAVEMENT FLUSH

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.daviskane.com

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400 Regency Forest Drive
Suite 120
Cary, North Carolina 27518
Phone: (919)319-7715
Fax: (919)319-7516
LA: C-108, PE: C-1595

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1566 RENEE C. PFEIFER
01/10/25

DKA JOB NUMBER
2401

REVISIONS

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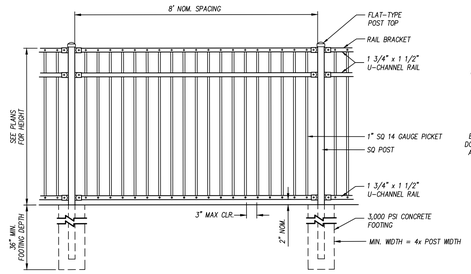
PA:	RENEE PFEIFER
PM:	RW
Drawn By:	PH
Plot Date:	01/08/2025

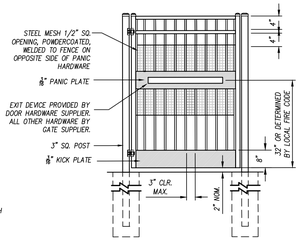
DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
STAKING DETAILS

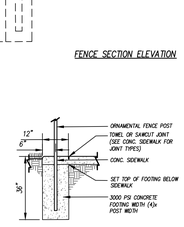
C-8.01



FENCE SECTION ELEVATION



SINGLE GATE (PANIC HARDWARE)



FENCE POST IN SIDEWALK

FENCE AND GATE NOTES:

1. SEE STAKING PLAN FOR GATE PANIC HARDWARE IF APPLICABLE. SEE SPEC SECTION 32319 FOR ADDITIONAL INFORMATION. ALL FENCING SHALL HAVE A SECURING LATCH FOR TAKE HERE STUDENT OCCUPY THE SPACE IN ADDITION TO THE PANIC HARDWARE.
2. REFER TO SPECIFICATION SECTION 32319 FOR ASSEMBLY AND MATERIALS OR PER MANUFACTURES RECOMMENDATIONS.
3. ALL BOLTS SHALL BE CUT FLUSH TO NUT AND PAINTED TO MATCH FENCE.
4. GATES WIDER THAN 5'-0" SHALL BE DOUBLE.
5. ALL FENCING MUST COMPLY WITH NC GENERAL STATUTE 110-91(6) AND CHILD CARE RULE .0605
6. FENCE PICKETS SPACING TO BE 3 5" MAXIMUM FACE TO FACE
7. BOTTOM RAIL SHALL BE NO GREATER THAN 2" FROM THE FINISHED GRADE.

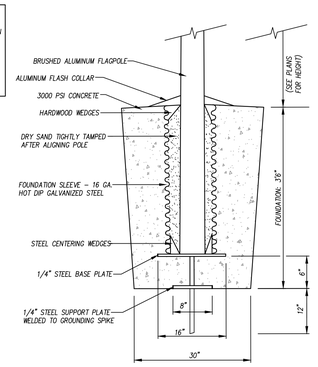
BLACK POWDER COATED ORNAMENTAL FENCE AND GATES N.T.S.

NOTES:

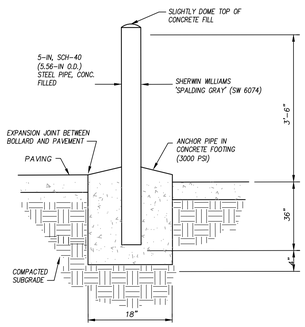
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

35' TALL USA FLAG POLE

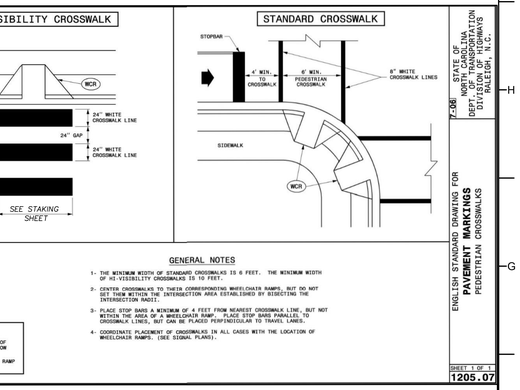
30' TALL STATE OF N.C.



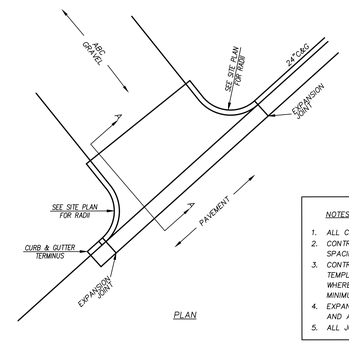
35-FT TALL FLAGPOLE N.T.S.



STEEL BOLLARD N.T.S.



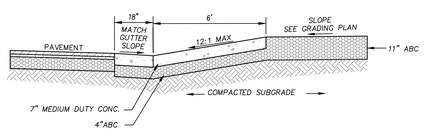
24" GRAVEL STRIP N.T.S.



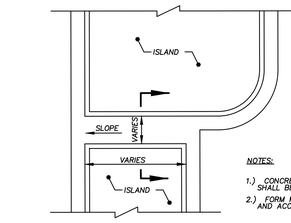
PLAN

NOTES:

1. ALL CONCRETE SHALL BE 4,000 P.S.I.
2. CONTRACTION JOINTS SHALL BE SPACED AT 10' INTERVALS, SPACING MAY BE INCREASED TO 15' IF MACHINE IS USED.
3. CONTRACTION JOINTS SHALL BE INSTALLED BY THE USE OF TEMPLATES OR FORMED BY OTHER APPROVED METHODS. WHERE SUCH JOINTS ARE NOT FORMED BY TEMPLATES, A MINIMUM DEPTH OF 1-1/2" SHALL BE OBTAINED.
4. EXPANSION JOINTS SHALL BE SPACED AT 90' MAX INTERVALS, AND ADJACENT TO ALL RIGID OBJECTS.
5. ALL JOINTS SHALL BE FILLED WITH JOINT FILLER AND SEALER.



DRIVEWAY APRON N.T.S.

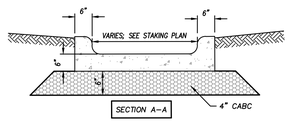


PLAN

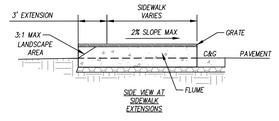
NOTES:

1.) CONCRETE FOR CURB AND GUTTER SHALL BE 4000 PSI @ 28 DAYS.

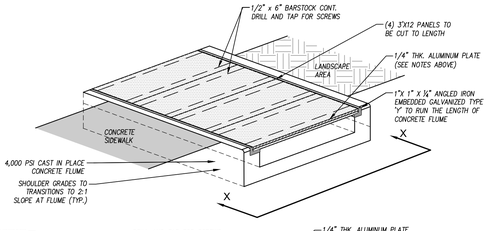
2.) FORM MUST BE SMOOTH, UNIFORM, AND ACCEPTABLE TO PROJECT DESIGNER.

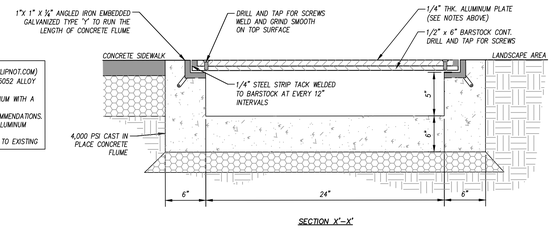


SECTION A-A



SIDE VIEW AT SIDEWALK EXTENSIONS





SECTION X'-X'

GENERAL NOTES:

1. ALUMINUM PLATE FROM SLIPNOT (SLIPNOT.COM) GRADE 2 GRIP PLATE 3'X12' WITH 5052 ALLOY OR APPROVED EQUAL.
2. ALUMINUM TOP TO BE 1/4" ALUMINUM WITH A SLIP RESISTANT FINISH.
3. INSTALL PER MANUFACTURES RECOMMENDATIONS.
4. PROVIDE 1.0% CROSS SLOPE FOR ALUMINUM GRATES.
5. ENSURE GRADES ARE TRANSITIONS TO EXISTING

GRATE OVER FLUME
NTS

CONCRETE ISLAND FLUME N.T.S.

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.daviskane.com

CLH DESIGN, P.A.
400 Regency Forest Drive
Suite 201
Cary, North Carolina 27518
Phone: (919)319-7715
Fax: (919)319-7516
LA: C-108, PE: C-1595

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

REVISIONS

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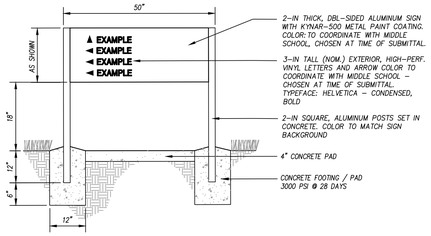
PA: RENEE PFEIFER
PM: RW
Drawn By: PH
Plot Date: 01/08/2025

DATE ISSUED
BID DOCUMENTS
01/10/2025

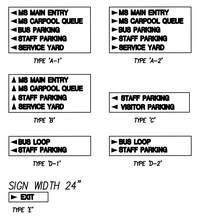
SHEET TITLE
STAKING DETAILS

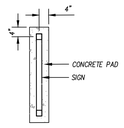
C-8.02



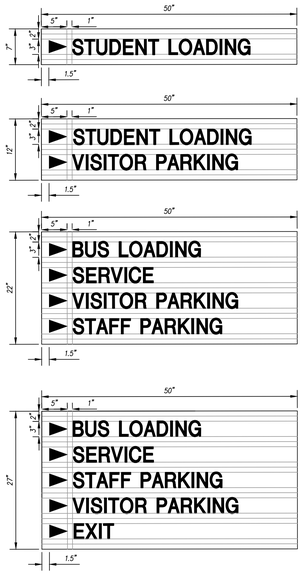
*SEAMLESS ASSEMBLY

LOCATION OF SIGNS SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.



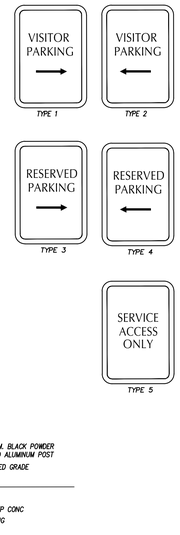


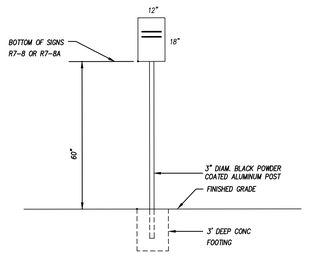
PLAN



SIGNAGE DIMENSIONS FOR ONE, TWO, THREE, AND FIVE-LINE SIGNS (TYPICAL)

SCHOOL DIRECTIONAL SIGNAGE N.T.S.

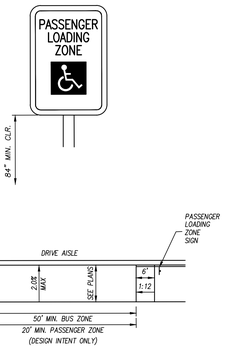




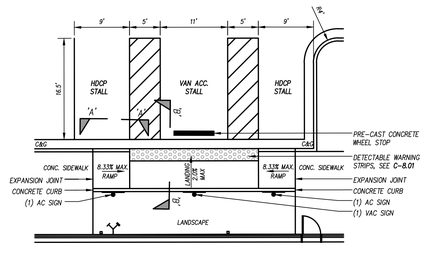
SPECIAL PARKING SIGNAGE N.T.S.

NOTES:

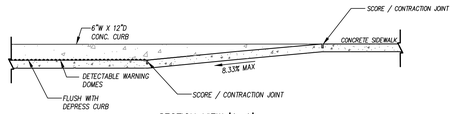
1. PASSENGER LOADING ZONE SHALL BE 50' LONG x 12' WIDE (MIN), LEVEL (2.0% MAX SLOPE) SIDEWALK FLUSH WITH ADJACENT PAVEMENT.
2. SLOPE SIDEWALK FROM LOADING ZONE AT 1:12 (MAX.).
3. PROVIDE ABOVE-GROUND SIGN PER VOL 1-C, SECT. 4.11.5 OF NCSBC.



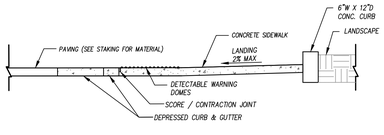
PASSENGER LOADING ZONE AND RAMPS N.T.S.



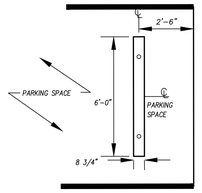
ACCESSIBLE AREA #1



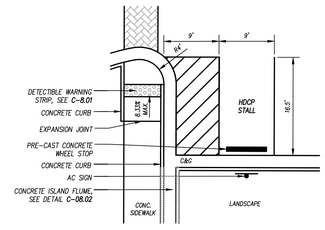
SECTION VIEW 'A-A'



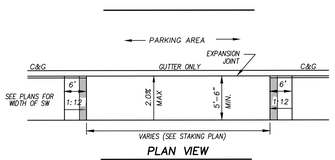
SECTION VIEW 'B-B'



90° PARKING SPACE PLAN VIEW

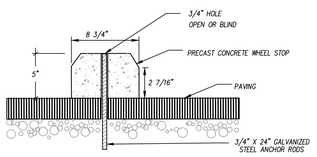


ACCESSIBLE AREA #2



PLAN VIEW

PRE-CAST CONCRETE WHEELSTOPS



SECTION VIEW

NOTES:

RAMPS DEVELOPED IN ACCORDANCE WITH AMERICANS WITH DISABILITIES ACT (ADA)

THE WALKING SURFACE SHALL BE SLIP RESISTANT. THE COLOR FOR THE DETECTABLE WARNING AREA SHALL BE YELLOW FOR CONTRAST.

NO SLOPE ON THE SIDEWALK ACCESS RAMP SHALL EXCEED 1" /FT (12:1) IN RELATIONSHIP TO THE GRADE OF THE STREET. SEE GRADING FOR ADDITIONAL INFORMATION.

NO RAMPS OR SIDEWALK SHALL BE LESS THAN 48" WIDE. REFER TO STAKING SHEETS FOR ALL SIDEWALK AND RAMP WIDTHS.

ALL CONCRETE SHALL BE 4,000 PSI @ 28 DAYS.

CURB RAMPS SHALL BE PARALLEL TO THE DIRECTION OF TRAVEL.

EXPANSION JOINTS SHALL BE INSTALLED FULL DEPTH WHEN EVER IT ABUTS EXISTING OR CURB AND GUTTER

CROSS SLOPE NOT TO EXCEED 2% ON ANY PORTION OF RAMP OR TRANSITION TO STREET.

ALL RAMPS SHALL HAVE A 4' MIN. LANDING WITH A MAX SLOPE OF 2% WERE PEDESTRIANS PERFORM TURNING. ENSURE TO PITCH TOWARDS GUTTER.

DETECTABLE DOMES SHALL BE INSTALL AT FULL WIDTH OF RAMP.

ALL DIMENSIONS ARE FROM FACE OF CURB

ACCESSIBLE STALL WIDTH AND LENGTH AS SHOWN. NO ACCESSIBLE STALL SHALL BE LESS THAT 8' WIDE.

ALL VAN ACCESSIBLE PARKING STALLS ARE AS SHOWN. NO ACCESSIBLE VAN STALL SHALL BE LESS THAT 8' WIDE WITH AISLE BEING NOT LESS THAN 8' WIDE.

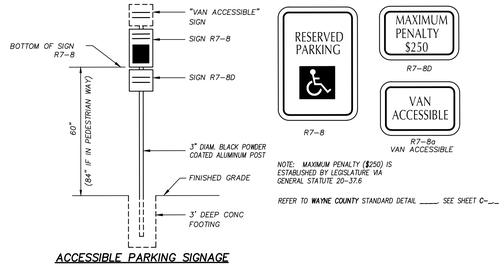
CONTRACTOR IS RESPONSIBLE FOR MARKING OUT ACCESSIBLE STALL TO ENSURE THEY MEET CODE. ANY DEFICIENCIES SHALL BE REPAIR AT THE CONTRACTORS EXPENSE.

NO RAMP SHALL EXCEED 8.33% (12:1) SLOPE.

CROSS SLOPE SHALL BE MAX 2%

PARKING STALL AND ACCESSIBLE AISLE SHALL BE WHITE ON ASPHALT SURFACES AND BLUE ON CRETE SURFACES

ALL SIGNS SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES SPECIFICATIONS AND REQUIREMENTS



NOTE: MAXIMUM PENALTY ($250) IS ESTABLISHED BY LEGISLATURE VIA GENERAL STATUTE 20-37.6

REFER TO **WAYNE COUNTY** STANDARD DETAIL ____, SEE SHEET C-__

ACCESSIBLE PARKING SIGNAGE

ACCESSIBLE PARKING N.T.S.

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
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400 Regency Forest Drive
Suite 201
Cary, North Carolina 27518
Phone: (919)319-7715
Fax: (919)319-7516
LA: C-108, PE: C-1595

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1566 RENEE C. PFEIFER
01/10/25

DKA JOB NUMBER
2401

REVISIONS

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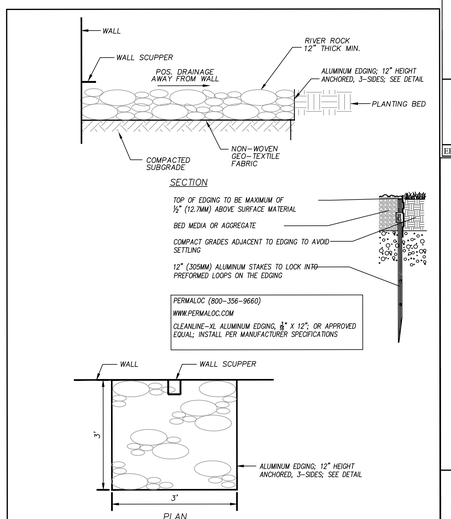
PA: RENEE PFEIFER
PM: RW
Drawn By: PH
Plot Date: 01/08/2025

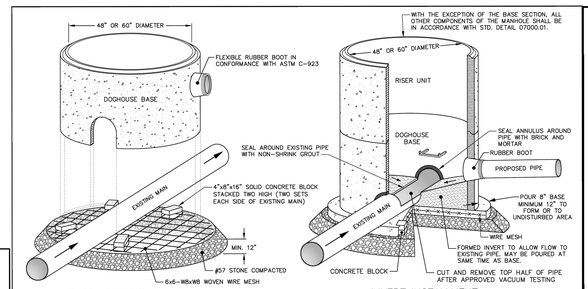
DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
STAKING DETAILS

C-8.03



SPLASH PAD N.T.S.

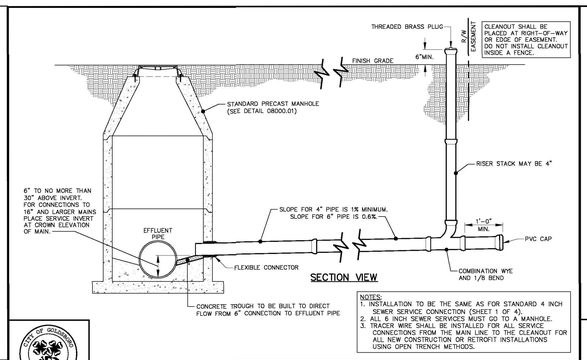


NOTES:
2. CAST-IN-PLACE CONCRETE SHALL BE 4000 PSI, PER ASTM C-94.
3. ALL PRECAST MANHOLE COMPONENTS SHALL MEET ASTM C-478.
4. BENCH SHALL SLOPE UPWARD FROM THE SPRINGLINE TO THE PROJECTED LEVEL OF THE PIPE CROWN OR 8 INCHES ABOVE THE SPRINGLINE, WHICHEVER IS LESS.

EFFECTIVE: 12/01/18

STANDARD PRECAST CONCRETE DOGHOUSE MANHOLE

DETAIL No. 08000.02 SHEET 1 OF 1

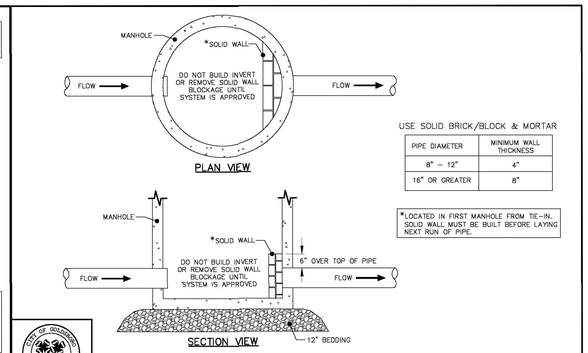


NOTES:
1. INSTALLATION TO BE THE SAME AS FOR STANDARD 4 INCH SEWER SERVICE CONNECTION (SHEET 1 OF 4).
2. ALL 6 INCH SEWER SERVICES MUST GO TO A MANHOLE.
3. TRACER WIRE SHALL BE INSTALLED FOR ALL SERVICE CONNECTIONS FROM THE MAIN LINE TO THE CLEANOUT FOR ALL NEW CONSTRUCTION OR RETROFIT INSTALLATIONS USING OPEN TRENCH METHODS.

EFFECTIVE: 12/01/18

STANDARD SANITARY SEWER SERVICE MANHOLE TAP

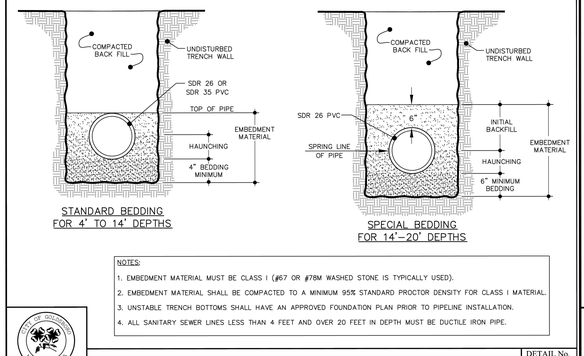
DETAIL No. 08000.08 SHEET 3 OF 4



EFFECTIVE: 12/01/18

SANITARY SEWER PROTECTION DURING CONSTRUCTION

DETAIL No. 08000.13 SHEET 1 OF 1

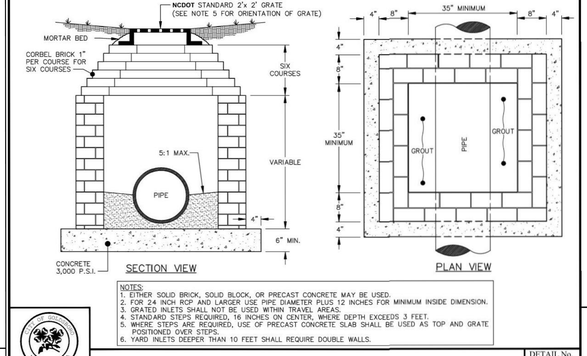


NOTES:
1. EMBEDMENT MATERIAL MUST BE CLASS I (#67 OR #78M WASHED STONE IS TYPICALLY USED).
2. EMBEDMENT MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% STANDARD PROCTOR DENSITY FOR CLASS I MATERIAL.
3. UNSTABLE TRENCH BOTTOMS SHALL HAVE AN APPROVED FOUNDATION PLAN PRIOR TO PIPELINE INSTALLATION.
4. ALL SANITARY SEWER LINES LESS THAN 4 FEET AND OVER 20 FEET IN DEPTH MUST BE DUCTILE IRON PIPE.

EFFECTIVE: 12/01/18

BEDDING FOR PVC SANITARY SEWER PIPE

DETAIL No. 08000.10 SHEET 1 OF 1

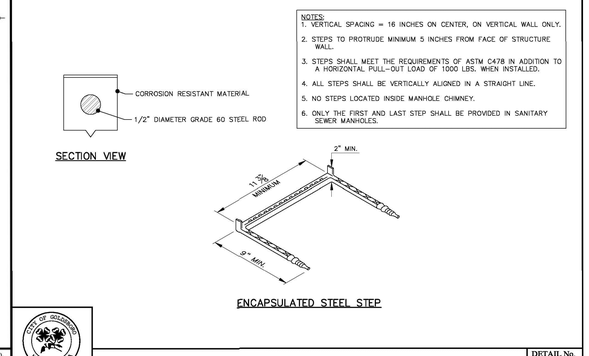


NOTES:
1. EITHER SOLID BRICK, SOLID BLOCK, OR PRECAST CONCRETE MAY BE USED.
2. FOR 24 INCH RCP AND LARGER USE PIPE DIAMETER PLUS 12 INCHES FOR MINIMUM INSIDE DIMENSION.
3. GRATED INLETS SHALL NOT BE USED WITHIN TRAVEL AREAS.
4. STANDARD STEPS REQUIRED, 16 INCHES ON CENTER, WHERE DEPTH EXCEEDS 3 FEET.
5. WHERE STEPS ARE REQUIRED, USE OF PRECAST CONCRETE SLAB SHALL BE USED AS TOP AND GRATE POSITIONED OVER STEPS.
6. YARD INLETS DEEPER THAN 10 FEET SHALL REQUIRE DOUBLE WALLS.

EFFECTIVE: 12/01/18

STANDARD YARD INLET WITH GRATE AND FRAME

DETAIL No. 05000.02 SHEET 1 OF 1

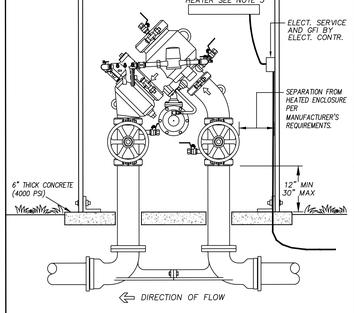


NOTES:
1. VERTICAL SPACING = 16 INCHES ON CENTER, ON VERTICAL WALL ONLY.
2. STEPS TO PROTRUDE MINIMUM 5 INCHES FROM FACE OF STRUCTURE WALL.
3. STEPS SHALL MEET THE REQUIREMENTS OF ASTM C478 IN ADDITION TO A HORIZONTAL PULL-OUT LOAD OF 1000 LBS. WHEN INSTALLED.
4. ALL STEPS SHALL BE VERTICALLY ALIGNED IN A STRAIGHT LINE.
5. NO STEPS LOCATED INSIDE MANHOLE CHIMNEY.
6. ONLY THE FIRST AND LAST STEP SHALL BE PROVIDED IN SANITARY SEWER MANHOLES.

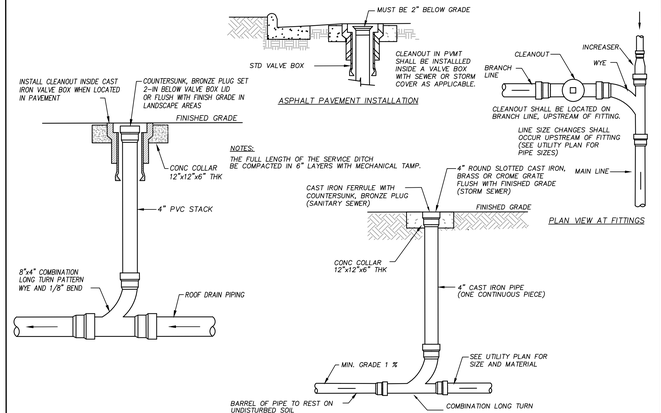
EFFECTIVE: 12/01/18

STANDARD MANHOLE STEPS

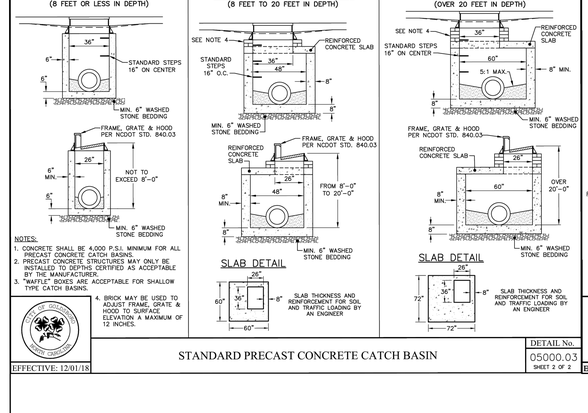
DETAIL No. 08000.01 SHEET 4 OF 4



REDUCED PRESSURE DETECTOR ASSEMBLY N.T.S.



ROOF DRAIN CLEANOUT N.T.S.

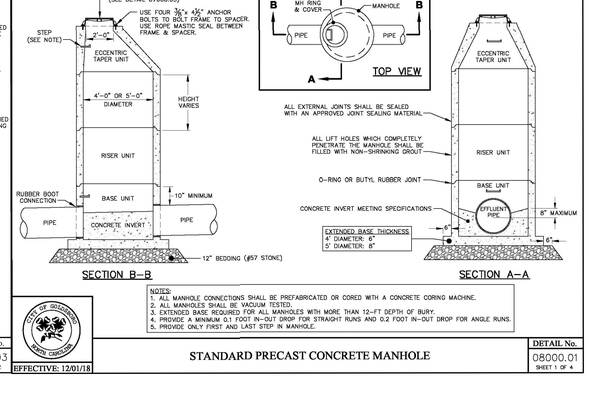


NOTES:
1. CONCRETE SHALL BE 4,000 P.S.I. MINIMUM FOR ALL PRECAST CONCRETE CATCH BASINS.
2. PRECAST CONCRETE STRUCTURES MAY ONLY BE INSTALLED TO DEPTHS CERTIFIED AS ACCEPTABLE BY THE MANUFACTURER.
3. "WAFFLE" BOXES ARE ACCEPTABLE FOR SHALLOW TYPE CATCH BASINS.
4. BRICK MAY BE USED TO ADJUST FRAME, GRATE & HOOD TO SURFACE ELEVATION. A MAXIMUM OF 12 INCHES.

EFFECTIVE: 12/01/18

STANDARD PRECAST CONCRETE CATCH BASIN

DETAIL No. 05000.03 SHEET 2 OF 2

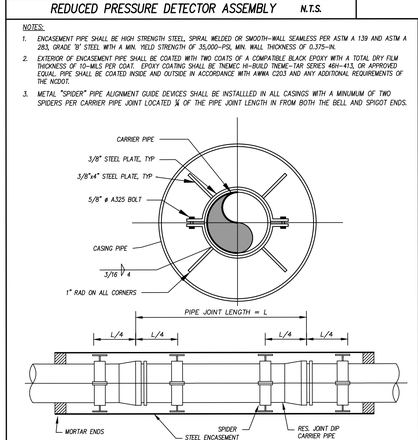


NOTES:
1. ALL MANHOLE CONNECTIONS SHALL BE PREFABRICATED OR CORED WITH A CONCRETE CORING MACHINE.
2. ALL MANHOLES SHALL BE VACUUM TESTED.
3. EXTENDED BASE REQUIRED FOR ALL MANHOLES WITH MORE THAN 12-FT DEPTH OF BURY.
4. PROVIDE A MINIMUM 0.1 FOOT IN-OUT DROP FOR STRAIGHT RUNS AND 0.2 FOOT IN-OUT DROP FOR ANGLE RUNS.
5. PROVIDE ONLY FIRST AND LAST STEP IN MANHOLE.

EFFECTIVE: 12/01/18

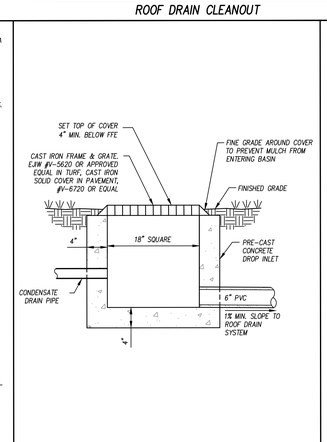
STANDARD PRECAST CONCRETE MANHOLE

DETAIL No. 08000.01 SHEET 1 OF 4

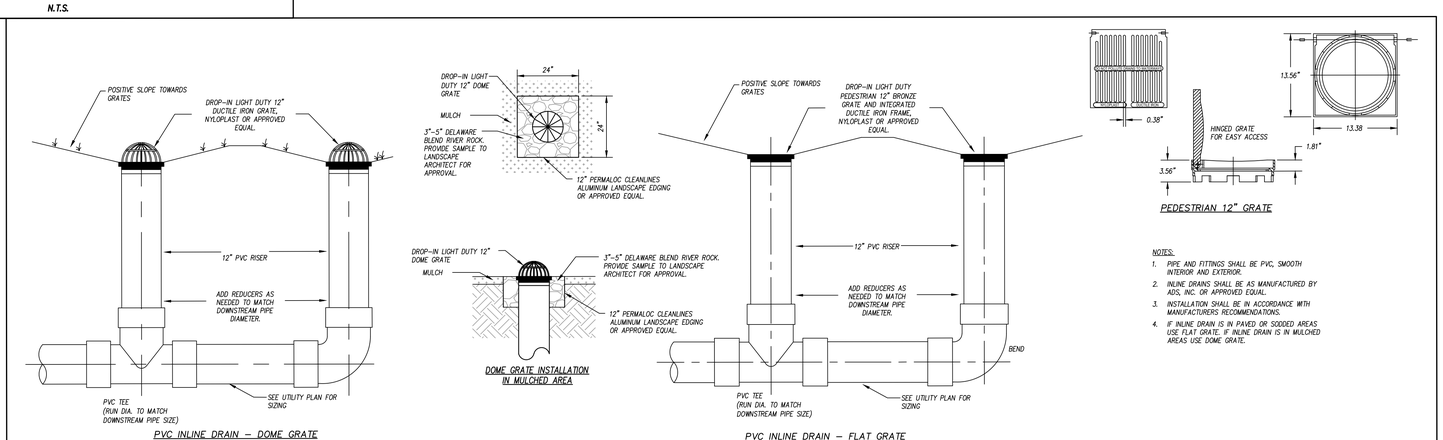


NOTES:
1. ENCASEMENT PIPE SHALL BE HIGH STRENGTH STEEL, SPIRAL WELDED OR SMOOTH-WALL SEAMLESS PER ASTM A 139 AND ASTM A 283, GRADE 'B' STEEL WITH A MIN. YIELD STRENGTH OF 35,000-PSI, MIN. WALL THICKNESS OF 0.375-IN.
2. EXTERIOR OF ENCASEMENT PIPE SHALL BE COATED WITH TWO COATS OF A COMPATIBLE BLACK EPOXY WITH A TOTAL DRY FILM THICKNESS OF 10-MILS PER COAT. EPOXY COATING SHALL BE TNEMEC HI-BUILD TNEME-TAR SERIES 46H-413, OR APPROVED EQUAL. PIPE SHALL BE COATED INSIDE AND OUTSIDE IN ACCORDANCE WITH AWWA C203 AND ANY ADDITIONAL REQUIREMENTS OF THE NCDOT.
3. METAL "SPIDER" PIPE ALIGNMENT GUIDE DEVICES SHALL BE INSTALLED IN ALL CASINGS WITH A MINIMUM OF TWO SPIDERS PER CARRIER PIPE JOINT LOCATED ¼ OF THE PIPE JOINT LENGTH IN FROM BOTH THE BELL AND SPIGOT ENDS.

BORE AND JACK ENCASEMENT N.T.S.



CONDENSATE RELIEF BASIN N.T.S.



NOTES:
1. PIPE AND FITTINGS SHALL BE PVC, SMOOTH INTERIOR AND EXTERIOR.
2. INLINE DRAINS SHALL BE AS MANUFACTURED BY ADS, INC. OR APPROVED EQUAL.
3. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
4. IF INLINE DRAIN IS IN PAVED OR SODDED AREAS USE FLAT GRATE. IF INLINE DRAIN IS IN MULCHED AREAS USE DOME GRATE.

PVC INLINE DRAIN N.T.S.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

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DKA JOB NUMBER
2401

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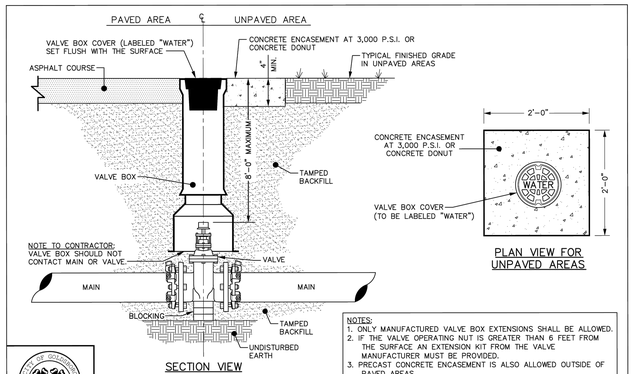
Drawn By: PH
Plot Date: 01/08/2025

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
UTILITY & STORM DRAINAGE DETAILS

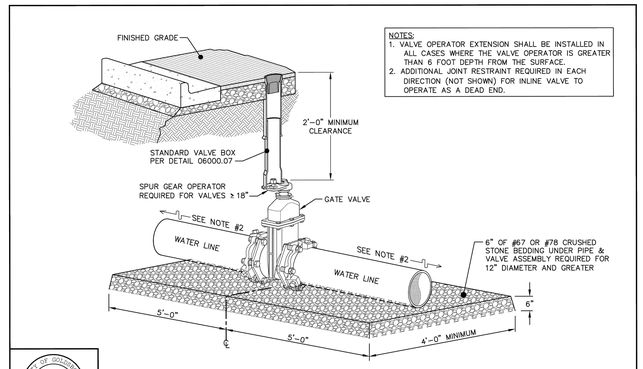
C-9.00



NOTES:
1. ONLY MANUFACTURED VALVE BOX EXTENSIONS SHALL BE ALLOWED.
2. IF THE VALVE OPERATING NUT IS GREATER THAN 6 FEET FROM THE SURFACE AN EXTENSION KIT FROM THE VALVE MANUFACTURER MUST BE PROVIDED.
3. PRECAST CONCRETE ENCASEMENT IS ALSO ALLOWED OUTSIDE OF PAVED AREAS.

EFFECTIVE: 12/01/18

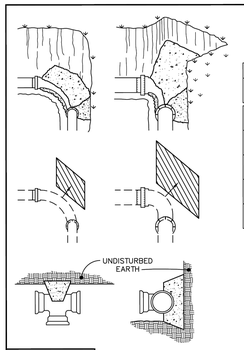
STANDARD WATER VALVE BOX INSTALLATION — DETAIL No. 06000.07 SHEET 1 OF 3



NOTES:
1. VALVE OPERATOR EXTENSION SHALL BE INSTALLED IN ALL CASES WHERE THE VALVE OPERATOR IS GREATER THAN 6 FOOT DEPTH FROM THE SURFACE.
2. ADDITIONAL JOINT RESTRAINT REQUIRED IN EACH DIRECTION (NOT SHOWN) FOR INLINE VALVE TO OPERATE AS A DEAD END.

EFFECTIVE: 12/01/18

RESILIENT WEDGE GATE VALVE ASSEMBLY FOR VERTICAL INSTALLATIONS — DETAIL No. 06000.09 SHEET 1 OF 2



MINIMUM CONCRETE BLOCKING (C.Y.) *

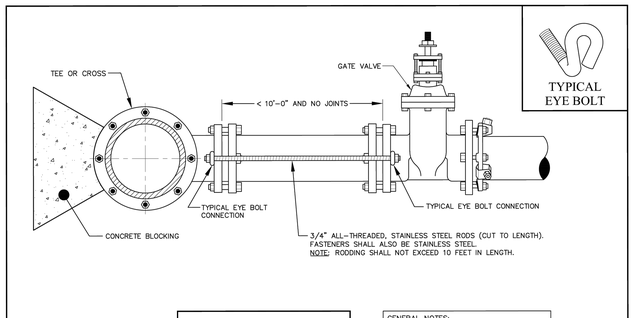
NOMINAL PIPE DIAMETER INCHES	TEES & DEAD ENDS	90° BEND	45° BEND	22½° BEND	11¼° BEND
4	⅓	⅓	⅓	⅓	⅓
6	⅓	⅓	⅓	⅓	⅓
8	⅓	½	⅓	⅓	⅓
10	⅔	¾	½	⅓	⅓
12	¾	1.0	⅔	⅓	⅓

NOTES:
1. FITTING SHALL BE WRAPPED WITH A MINIMUM 4 MIL PLASTIC.
2. NO CONCRETE SHALL COVER BOLTS OR GLANDS.
3. PIPE DIAMETERS BEYOND 12 INCHES SHALL UTILIZE A PROFESSIONAL ENGINEER'S SEALED DESIGN CONSISTING OF RESTRAINED JOINT PIPE OR BLOCKING.

* CONCRETE SHALL BE 3,000 P.S.I. MIX.

EFFECTIVE: 12/01/18

STANDARD THRUST BLOCKING — DETAIL No. 06000.12 SHEET 1 OF 1



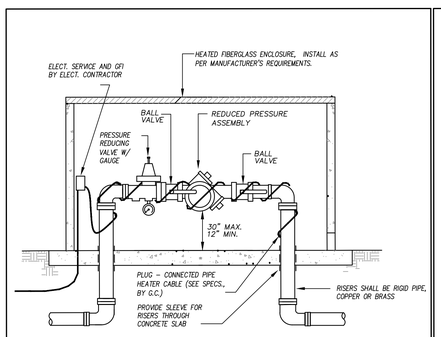
TYPICAL EYE BOLT

STAINLESS STEEL ROD REQUIREMENTS	
BRANCH SIZE	No. OF RODS
4"	2
6"	2
8"	4
12"	6
16"	8

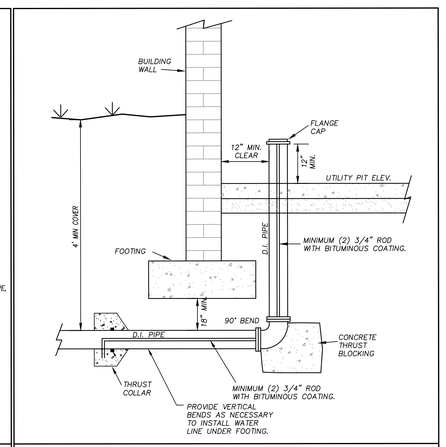
GENERAL NOTES:
1. SEE STANDARD THRUST BLOCK DETAIL.
2. CONCRETE SHALL NOT CONTACT BOLTS OR ENDS OF MECHANICAL FITTINGS.
3. RODS SHALL NOT BE COUPLED.

EFFECTIVE: 12/01/18

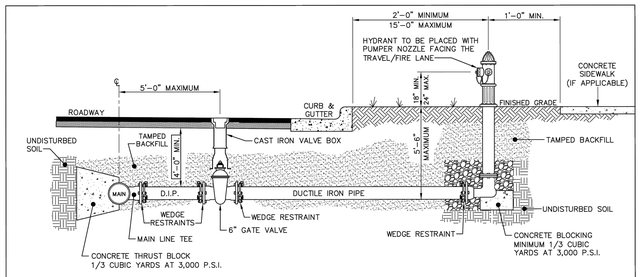
STANDARD VALVE RESTRAINT WITH RODDING AT A TEE OR CROSS UP TO 16" IN DIAMETER — DETAIL No. 06000.08 SHEET 1 OF 2



REDUCED PRESSURE DETECTOR ASSEMBLY N.T.S.



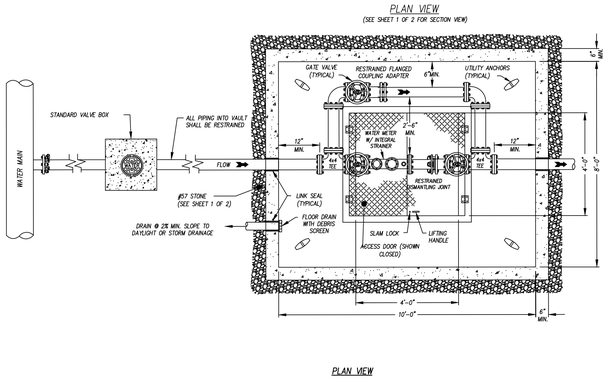
STANDARD FIRE SERVICE INSTALLATION AT BUILDING N.T.S.



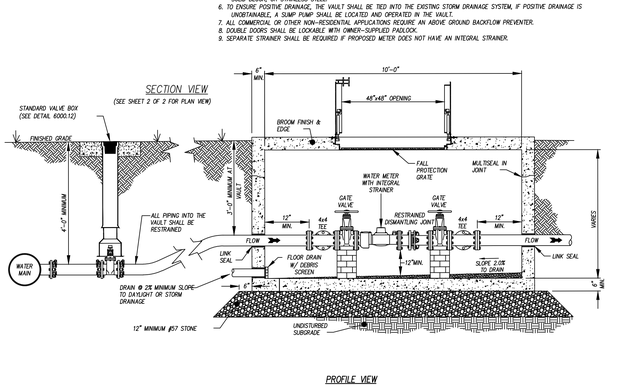
NOTES:
1. TOP OF BLOCKING TO BE 2 INCHES FROM HYDRANT WEEP HOLES.
2. IF HYDRANT IS LOCATED ON A DEPARTMENT OF TRANSPORTATION ROADWAY USE D.O.T. STANDARDS FOR LOCATION OF HYDRANT.
3. HYDRANT SHALL BE LOCATED FROM 2 TO 15 FEET FROM BACK OF CURB.
4. HYDRANT MAY BE LOCATED (AT LEAST 1 FOOT) BEHIND SIDEWALK WHEN IT CANNOT BE LOCATED INSIDE THE UTILITY STRIP.
5. HYDRANT SHALL BE INSTALLED AT LEAST 2 FEET BEYOND TOP SLOPE OF ANY DRAINAGE DITCHES. HYDRANT INSTALLATION WITHIN THE DITCH LINE OR SLOPE SHALL BE PROHIBITED.
6. STANDARD WEDGE ACTION RETAINER GLANDS MAY BE SUBSTITUTED WITH 3/4 INCH STAINLESS STEEL RODDING IN ORDER TO ACHIEVE CONTINUOUS RESTRAINT BETWEEN THE HYDRANT AND THE MAIN.

EFFECTIVE: 12/01/18

STANDARD HYDRANT INSTALLATION FOR ROADS WITH CURB AND GUTTER — DETAIL No. 06000.05 SHEET 1 OF 2



GENERAL NOTES:
1. METER AND BYPASS ASSEMBLY PIPING TO BE DUCTILE IRON FLANGED PIPE INSIDE THE VAULT.
2. METER FACE TO BE A MAXIMUM OF 3 FEET BELOW FINISHED GRADE.
3. ACCESS DOOR SHALL BE H-20 RATED ALUMINUM DOUBLE DOOR WITH A MINIMUM OPENING OF 48" x 48".
4. VALVES SHALL BE IRON BODY TYPE, RESILIENT WEDGE GATE VALVES WITH NON-RISING STEM, HANDWHEEL OPERATORS AND FLANGE CONNECTIONS.
5. ALL VALVES SHALL BE SUPPORTED AND THE BYPASS LINE SHALL HAVE A TOTAL OF TWO SUPPORTS. SUPPORTS SHALL BE EITHER SOLID BRICK, SOLID BLOCK, OR STAINLESS STEEL.
6. TO ENSURE POSITIVE DRAINAGE, THE VAULT SHALL BE TIED INTO THE EXISTING STORM DRAINAGE SYSTEM, IF POSITIVE DRAINAGE IS UNOBTAINABLE, A SUMP PUMP SHALL BE LOCATED AND OPERATED IN THE VAULT.
7. ALL COMMERCIAL OR OTHER NON-RESIDENTIAL APPLICATIONS REQUIRE AN ABOVE GROUND BACKFLOW PREVENTER.
8. DOUBLE DOORS SHALL BE LOCKABLE WITH OWNER-SUPPLIED PADLOCK.
9. SEPARATE STRAINER SHALL BE REQUIRED IF PROPOSED METER DOES NOT HAVE AN INTEGRAL STRAINER.

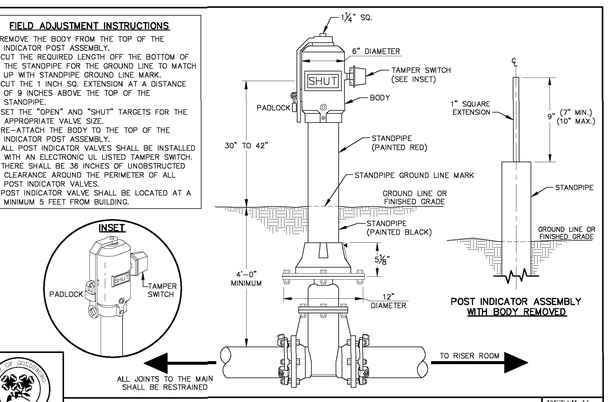


PROFILE VIEW

4" DOMESTIC WATER METER, BYPASS INSTALLATION AND VAULT N.T.S.

FIELD ADJUSTMENT INSTRUCTIONS

1. REMOVE THE BODY FROM THE TOP OF THE INDICATOR POST ASSEMBLY.
2. CUT THE REQUIRED LENGTH OFF THE BOTTOM OF THE STANDPIPE FOR THE GROUND LINE TO MATCH UP WITH STANDPIPE GROUND LINE MARK.
3. CUT THE 1 INCH SQ. EXTENSION AT A DISTANCE OF 9 INCHES ABOVE THE TOP OF THE STANDPIPE.
4. SET THE "OPEN" AND "SHUT" TARGETS FOR THE APPROPRIATE VALVE SIZE.
5. RE-ATTACH THE BODY TO THE TOP OF THE INDICATOR POST ASSEMBLY.
6. ALL POST INDICATOR VALVES SHALL BE INSTALLED WITH AN ELECTRONIC UL LISTED TAMPER SWITCH.
7. THERE SHALL BE 36 INCHES OF UNOBSTRUCTED CLEARANCE AROUND THE PERIMETER OF ALL POST INDICATOR VALVES.
8. POST INDICATOR VALVE SHALL BE LOCATED AT A MINIMUM 5 FEET FROM BUILDING.



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STANDARD POST INDICATOR VALVE — DETAIL No. 06000.15 SHEET 1 OF 2

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BID DOCUMENTS
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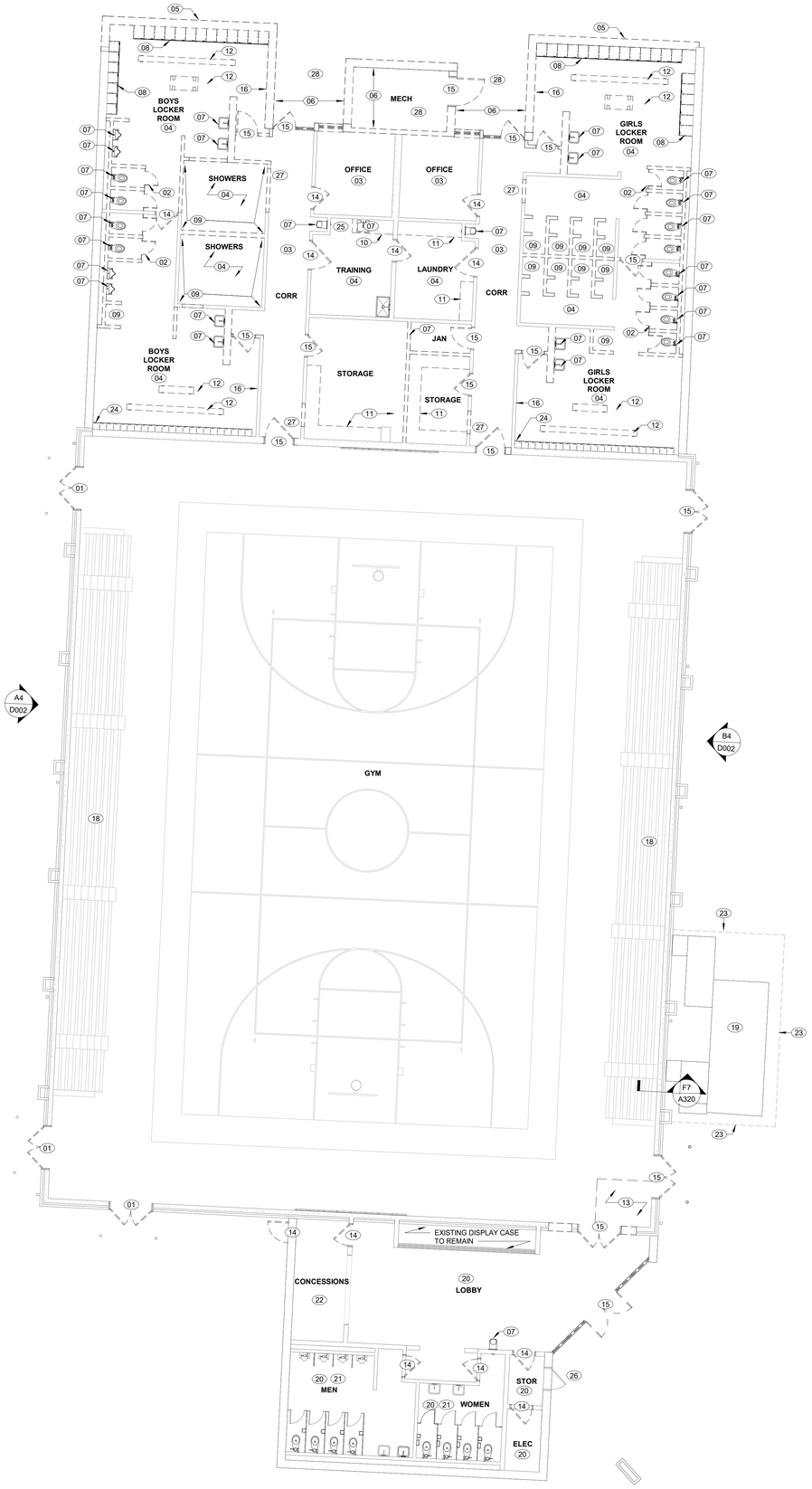
SHEET TITLE
UTILITY DETAILS

C-9.01



A1 FIRST FLOOR DEMOLITION PLAN - AREA E
1/8" = 1'-0"

DEMOLITION PLAN KEY NOTES:

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE THIS SHEET FOR SELECTIVE DEMOLITION GENERAL NOTES.

01	DEMOLISH HM DOOR AND DOOR HARDWARE. EXISTING HM FRAME TO REMAIN.
02	DEMOLISH TOILET PARTITIONS AND ALL TOILET ROOM ACCESSORIES IN THIS ROOM.
03	DEMOLISH VCT FLOORING IN THIS ROOM, INCLUDING RUBBER BASE AND ALL ADHESIVES.
04	DEMOLISH QUARRY TILE FLOORING AND BASE IN THIS ROOM, INCLUDING MUD BED, DOWN TO A CLEAN STRUCTURAL SLAB OR WALL SURFACE.
05	DEMOLISH EXTERIOR WALL, FOOTING, SLAB, AND ROOF DECK TO ALLOW FOR CONSTRUCTION OF NEW CMU SHEAR WALL. SHORE EXISTING ROOF.
06	DEMOLISH EXTERIOR WALL AND FOOTING. SHORE EXISTING ROOF.
07	DEMOLISH PLUMBING FIXTURE. SEE PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
08	DEMOLISH LOCKERS.
09	DEMOLISH SHOWER HEAD, CONTROLS AND SHOWER ACCESSORIES. SEE PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
10	DEMOLISH BASE AND WALL CABINETS, INCLUDING COUNTERTOP.
11	DEMOLISH WOOD SHELVING.
12	DEMOLISH BENCHES.
13	CAREFULLY REMOVE WOOD ATHLETIC FLOORING IN CORNER OF GYM DOWN TO A CLEAN STRUCTURAL SLAB. REFER TO RENOVATION PLAN TO PREPARE FOR NEW WORK.
14	DEMOLISH HM DOOR AND DOOR HARDWARE. EXISTING HM FRAME AND TRANSOM PANEL TO REMAIN.
14	DEMOLISH HM DOOR, HM FRAME, AND DOOR HARDWARE IN ITS ENTIRETY.
15	DEMOLISH HM DOOR, HM FRAME, AND DOOR HARDWARE IN ITS ENTIRETY.
16	DEMOLISH VISUAL DISPLAY BOARD, SUCH AS CHALKBOARD, TACKBOARD, MARKERBOARD.
17	EXISTING WOOD ATHLETIC FLOORING AND BASE TO REMAIN, UON. CONTRACTOR TO PROTECT DURING CONSTRUCTION.
18	EXISTING BLEACHERS TO REMAIN.
19	EXISTING MECHANICAL UNITS AND DUCTWORK TO REMAIN. CONTRACTOR TO PROTECT AND MAINTAIN DURING CONSTRUCTION.
20	EXISTING FLOORING AND WALL FINISHES TO REMAIN IN THIS ROOM.
21	EXISTING PLUMBING FIXTURES, TOILET PARTITIONS, AND TOILET ROOM ACCESSORIES TO REMAIN IN THIS ROOM.
22	EXISTING PLUMBING FIXTURES, CASEWORK, COUNTERTOPS, AND CONCESSIONS EQUIPMENT TO REMAIN IN THIS ROOM.
23	DEMOLISH CHAIN-LINK FENCE AND FOOTINGS.
24	EXISTING LOCKERS TO REMAIN. PROTECT DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
25	EXISTING ICE MAKER TO REMAIN. PROTECT DURING CONSTRUCTION.
26	BOLT SHUT FROM INTERIOR AND RE-PAINT EXISTING HM DOOR AND HM FRAME FROM EXTERIOR.
27	DEMOLISH WALL TO EXTENTS OF NEW OPENING AND BOND BEAM.
28	DEMOLISH SLAB ON GRADE (OR EXTERIOR SIDEWALK, SEE CIVIL) TO EXTENT OF NEW INTERIOR SLAB ON GRADE.
29	DEMOLISH CEILING GRID, CEILING TILES, CEILING-MOUTNED LIGHT FIXTURES, HANGERS, FASTENERS, ETC IN THIS ROOM. SEE ELECTRICAL DRAWINGS FOR REQUIREMENTS OF LIGHT FIXTURE DEMOLITION, AS WELL AS FIRE ALARM AND OTHER CEILING-MOUNTED DEVICES TO REMAIN. PROTECT HVAC DIFFUSERS AND GRILLES TO REMAIN.
30	DEMOLISH RUBBER BASE THROUGHOUT CORRIDOR.
31	EXISTING MARKERBOARDS, TACKBOARDS, TACK STRIPS TO REMAIN IN THIS ROOM.

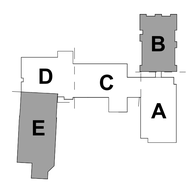
A5 FIRST FLOOR DEMOLITION PLAN - AREA B - BID ALT NO. 2
1/8" = 1'-0"

HAZARDOUS MATERIALS GENERAL NOTES:

1. CERTAIN EXISTING MATERIALS THROUGHOUT THE GYM BUILDING (AREA E) TESTED POSITIVE FOR HAZARDOUS CONTENT. REFER TO THE HAZARDOUS MATERIALS REPORTS IN THE PROJECT MANUAL FOR AVAILABLE INFORMATION.
2. IN THE EVENT THAT HAZARDOUS MATERIALS NOT NOTED IN THE HAZARDOUS MATERIALS REPORTS ARE ENCOUNTERED, THE CONTRACTOR IS TO STOP WORK IMMEDIATELY AND CONTACT THE OWNER'S REPRESENTATIVE.

SELECTIVE DEMOLITION GENERAL NOTES:

1. - - - - - - - DASHED LINES INDICATE WALL, STRUCTURE, OR OTHER BUILDING COMPONENTS TO BE DEMOLISHED IN ENTIRETY INCLUDING CONCEALED CONSTRUCTION UON. SEE KEY NOTES AND PLAN NOTES FOR MORE SPECIFIC INFORMATION FOR INDIVIDUAL AREAS. WALLS TO BE DEMOLISHED SHALL BE ASSUMED TO BE MASONRY.
2. SEE RENOVATION FLOOR PLANS FOR LAYOUT DIMENSIONS FOR NEW OPENINGS AND NEW WORK NOT SHOWN ON DEMOLITION PLANS.
3. PLUMBING, ELECTRICAL, MECHANICAL, SPECIAL SYSTEMS AND OTHER BUILDING SYSTEM COMPONENTS THAT ARE NOTED ON PLAN AS 'TO BE DEMOLISHED' ARE TO BE FULLY AND COMPLETELY DEMOLISHED AND REMOVED, UON. FOR BUILDING SYSTEM COMPONENTS THAT ARE TO BE DEMOLISHED, ALL EXPOSED AND RECESSED CONDUIT, PIPING, BOXES, PANELS, SWITCHGEAR, JUNCTIONS, FITTINGS, WIRES, PIPES, DUCTS, EQUIPMENT, ANCHORS, FASTENERS, ETC. SHALL BE DEMOLISHED. RECESSED SHALL MEAN COMPONENTS THAT ARE CONTAINED WITHIN A WALL, FLOOR OR CEILING SURFACE. PIPING THAT IS FULLY CONCEALED WITHIN MASONRY WALLS OR CONCRETE MAY REMAIN IF IT IS STABLE AND SECURELY SUPPORTED BY BUILDING STRUCTURE.
4. CONTRACTOR SHALL REFERENCE ALL DRAWINGS TO DETERMINE THE EXTENT OF CUTTING AND PATCHING. PATCHING, BACKFILL, REPAIRS, ETC. SHALL EQUAL OR EXCEED EXISTING CONDITIONS OR SURROUNDING WORK.
5. WHERE SELECTIVE DEMOLITION IS INDICATED, IT IS THE INTENT THAT THE SELECTIVE DEMOLITION WORK WILL RESULT IN A BUILDING AREA FREE OF DEVICES, EQUIPMENT, MATERIALS AND ANY OTHER MISCELLANEOUS COMPONENTS NOT REUSED IN THE NEW CONSTRUCTION, UON. THIS INCLUDES FASTENERS, ANCHORS, HARDWARE, PROTRUDING NAILS AND SCREWS, EMBEDDED ANCHORS, BLOCKING, SLEEVES, ETC. THE DEMOLITION SHALL INCLUDE ALL ITEMS TO A CLEAN SLAB, WALL OR CEILING. COORDINATE DEMOLITION EXTENTS WITH REQUIREMENTS FOR NEW WORK.
6. DEMOLISH EXISTING MASONRY AS FOLLOWS:
   A. DEMOLISH FULL HEIGHT TO UNDERSIDE OF STRUCTURE ABOVE IF NO HEIGHT GIVEN.
   B. DEMOLISH WALL FLUSH WITH TOP OF SLAB, UON.
   C. PROVIDE SHORING AT ALL NEW CUTS, OPENINGS OR DEMOLITION OF EXISTING CONSTRUCTION.
7. WHERE APPLIED FLOOR FINISHES ARE INDICATED TO BE DEMOLISHED, DEMOLISH EDGE STRIPS, NAIL STRIPS, THRESHOLDS, BASE, GLUE AND ADHESIVES, ETC. TO A CLEAN STRUCTURAL SLAB OR WALL.
8. WHERE WALL AND/OR FLOOR TILE IS INDICATED TO BE DEMOLISHED, DEMOLITION INCLUDES TILES, GROUT, BASE, LATH, MUD BED, ETC. DOWN TO A CLEAN STRUCTURAL SLAB OR WALL SURFACE.
9. CONTRACTOR TO CONFIRM THAT NEW OPENINGS, PENETRATIONS, DEMOLITION CUTS, ETC. IN EXISTING ROOF DECK ARE LOCATED BETWEEN EXISTING JOISTS, AND / OR BEAMS. REPORT ANY CONFLICTS TO ARCHITECT PRIOR TO PROCEEDING WITH DEMOLITION. ADJUST LOCATIONS OF DEMOLITION AS AGREED UPON BY ARCHITECT.
10. ALL EXISTING CONSTRUCTION AND ITEMS TO REMAIN ARE TO BE PROTECTED THROUGHOUT CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES INCURRED DURING CONSTRUCTION ACTIVITIES INCLUDING FROM STAINING, WETTING, PHYSICAL DAMAGE, MARRING ETC. CONTRACTOR TO REPAIR ANY SURFACES DAMAGED DUE TO DEMOLITION TO MATCH PREVIOUS OR ADJACENT CONDITION.
11. DEMOLISH FLOOR DRAINS TO BOTTOM OF STRUCTURAL SLAB UNLESS OTHERWISE NOTED TO REMAIN.
12. SCRAPE ALL LOOSE PAINT AND COATINGS FROM SURFACES DESIGNATED TO RECEIVE NEW PAINT OR FINISHES, RESULTING SURFACE MUST BE DRY, NON-FLAKING AND SECURELY ADHERED TO UNDERLYING SUBSTRATE.
13. CUT EXISTING SLAB ON GRADE, WALLS, FLOORS, ETC. FOR INSTALLATION OF NEW P, M, E, FP, ETC. SEE PATCHING NOTES ELSEWHERE. SEE COORDINATION DRAWING REQUIREMENTS FOR LOCATION OF OPENINGS IN EXISTING WALLS AND SLABS.
14. IN BUILDING AREA E, DEMOLISH ALL INTERIOR CEILINGS (UON) INCLUDING LAY-IN, SPLINE AND HARD CEILING SYSTEMS. DEMOLISH IN ENTIRETY, INCLUDING BRACKETS, HANGERS, WIRES, MOLDINGS ETC UON. PROTECT EXISTING BULKHEADS THAT ARE TO REMAIN. PROTECT EXISTING MECHANICAL, ELECTRICAL, FIRE ALARM DEVICES AND FIXTURES TO REMAIN. SEE MECHANICAL AND ELECTRICAL DEMOLITION AND RENOVATION PLANS FOR ADDITIONAL REQUIREMENTS.
15. REMOVE ALL INTERIOR SIGNAGE AND BRACKETS INCLUDING ROOM IDENTIFICATION SIGNAGE, DEPARTMENTAL SIGNAGE AND WAYFINDING SIGNAGE. DISPOSE OF AFTER GIVING OWNER FIRST RIGHT OF REFUSAL.
16. FURNITURE AND LOOSE EQUIPMENT TO BE REMOVED BY OWNER FROM THE BUILDING PRIOR TO THE COMMENCEMENT OF THE WORK. ANY REMAINING ITEMS ARE TO BE DEMOLISHED BY CONTRACTOR, UON. CONTRACTOR TO COORDINATE WITH OWNER.
17. EXISTING BUILDING STRUCTURE TO REMAIN, UON. PROTECT DURING DEMOLITION AND NEW WORK.
18. CONTRACTOR SHALL SURVEY ALL AREAS SCHEDULED FOR SLAB-ON-GRADE CUTTING WITH PACHOMETER TESTING, IDENTIFYING PIPING, CONDUIT OR ITEMS EMBEDDED AND IMMEDIATELY BELOW CONCRETE PRIOR TO PERFORMING SLAB DEMOLITION. CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PRESERVE EMBEDDED ITEMS WHICH ARE TO REMAIN IN SERVICE. CONTRACTOR TO CUT AND REMOVE SLAB SCHEDULED FOR DEMOLITION AND REPLACE PER THE CONTRACT DOCUMENTS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
19. CUTTING, BACKFILL, REPAIRS, ETC. SHALL EQUAL OR EXCEED EXISTING CONDITIONS OF SURROUNDING WORK. CM SHALL BE RESPONSIBLE FOR COORDINATION OF ALL RELATED WORK DELEGATED TO THEIR SUB-CONTRACTORS.
20. ROOM NAMES AND NUMBERS ARE SHOWN ON THE DEMOLITION PLAN FOR DEMOLITION REFERENCE ONLY. NEW ROOM NAMES AND NUMBERS ARE ASSIGNED ON THE RENOVATION PLAN.
21. SEE SPECIFICATION SECTION "SELECTIVE DEMOLITION" AND OTHER DRAWINGS IN THIS SET FOR ADDITIONAL REQUIREMENTS FOR ALL CONTRACTORS.



KEY PLAN-1ST FLOOR
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PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:33:33 AM

DATE ISSUED
BID DOCUMENTS
01/10/2025

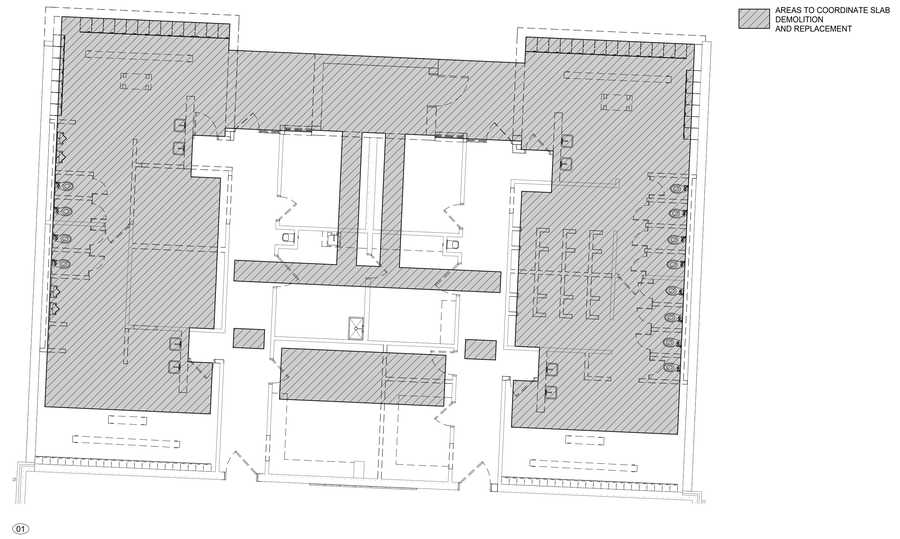
SHEET TITLE
DEMOLITION PLANS - AREA B & E

D001

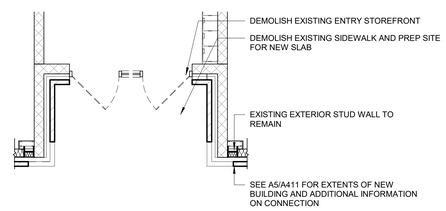
DEMOLITION ELEVATION KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE ELEVATIONS FOR KEYED ITEM LOCATIONS. SEE SHEET D001 FOR SELECTIVE DEMOLITION GENERAL NOTES.

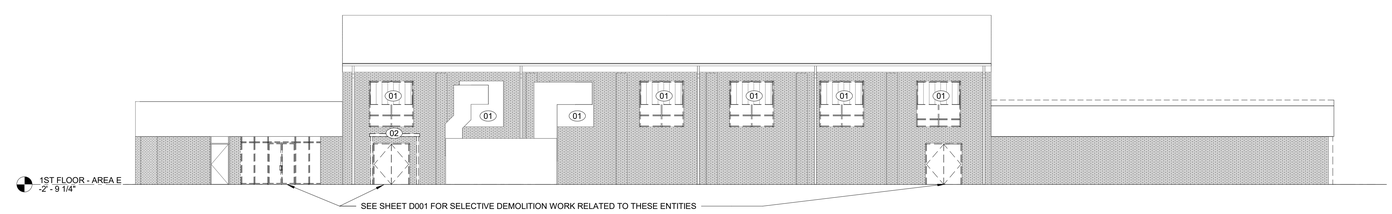
01	DEMOLISH EXISTING WINDOW, FRAME, GLAZING, AND METAL PANEL TO A CLEAN MASONRY OPENING.
02	DEMOLISH EXISTING METAL CANOPY INCLUDING COLUMNS AND FOUNDATIONS.



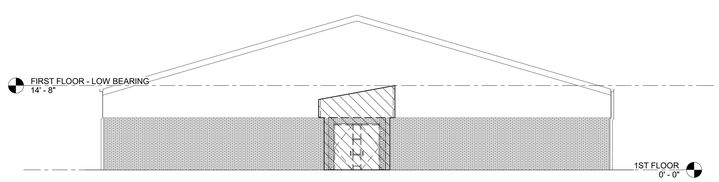
D4 SLAB DEMOLITION AND REPLACEMENT - AREA E
1/8" = 1'-0"



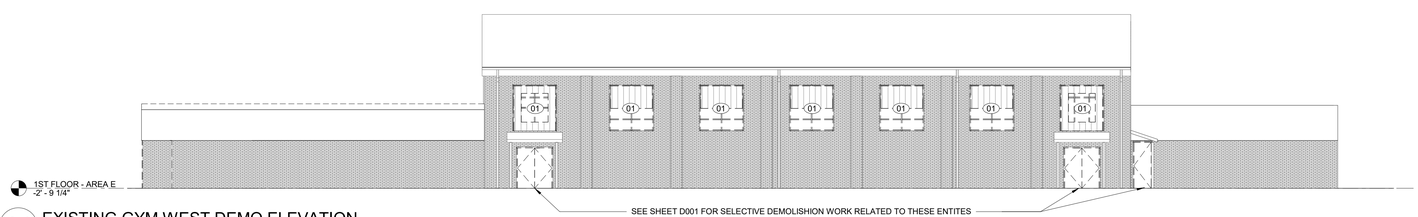
B1 AREA B - ENTRY DEMO ENLARGED PLAN - BID ALT NO. 2
1/4" = 1'-0"



B4 EXISTING GYM EAST DEMO ELEVATION
3/32" = 1'-0"



A1 EXISTING CLASSROOM WING DEMO ELEVATION - BID ALT NO. 2
3/32" = 1'-0"



A4 EXISTING GYM WEST DEMO ELEVATION
3/32" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

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DKA JOB NUMBER
2401

REVISIONS

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PA: ROBERT STEVENSON
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Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:33:38 AM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
DEMO DETAILS AND ELEVATIONS

D002

FLOOR PLAN GENERAL NOTES:

1. DO NOT SCALE DRAWINGS. REFER DIMENSION QUESTIONS TO ARCHITECT FOR INTERPRETATION.
2. SEE SHEET A001 FOR INTERIOR PARTITION LEGEND AND NOTES. SEE WALL SECTIONS FOR EXTERIOR WALLS, TYP.
3. ALL NEW HINGE-SIDE DOOR JAMBS IN GYPSUM WALLS TO BE 4" TO THE INSIDE OF ADJACENT PERPENDICULAR WALL, UNLESS DIMENSIONED OTHERWISE.
4. ALL NEW HINGE-SIDE JAMBS IN CMU WALLS TO BE 4" TO 8" AT A MASONRY HEAD JOINT TO INSIDE OF ADJACENT PERPENDICULAR WALL, UNLESS DIMENSIONED OTHERWISE.
5. ALL DOORS IN ALCOVES TO BE 18" MIN FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT PERPENDICULAR WALL, UNLESS DIMENSIONED OTHERWISE.
6. ALL DIMENSIONS TO FACE OF METAL STUD, FACE OF MASONRY, FACE OF CONCRETE, FACE OF EXISTING WALL, OR COLUMN CENTERLINE, UON.
7. NEW EXTERIOR CMU WALLS ARE TO HAVE CONTROL JOINTS DIRECTLY BEHIND BRICK CONTROL JOINTS SHOWN ON ELEVATIONS. PROVIDE CONTROL JOINTS IN NEW INTERIOR CMU WALLS EVERY 20' O.C. MAX, UON. MAINTAIN 2'-0" MINIMUM FROM JAMBS AT ALL OPENINGS.
8. PROVIDE CONTROL JOINTS IN GYPSUM BOARD WALL CONSTRUCTION AS INDICATED. VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
9. SEE KEY NOTES AND NOTES ON PLANS FOR SPECIFIC NOTES FOR EACH DRAWING AREA.
10. SEE PLUMBING, MECHANICAL, ELECTRICAL, FIRE PROTECTION, CIVIL, FOOD SERVICE, AND STRUCTURAL DRAWINGS FOR RELATED WORK AND ADDITIONAL REQUIREMENTS.
11. COORDINATE EQUIPMENT WORK WITH MANUFACTURERS AND SUPPLIERS TO ENSURE PROPER ROUGH-IN CLEARANCES FOR INSTALLATION, USE AND MAINTENANCE.
12. ALL OPENINGS IN MASONRY WALLS ARE TO RECEIVE LINTEL OR BOND BEAM. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
13. PROVIDE SEALANT AT JUNCTION OF DIFFERENT MATERIALS UNLESS OTHER MEANS OF SEALING AND CLOSURE IS SPECIFIED.
14. INSTALL METAL "F" TRIM IN GWB WALL AT VERTICAL EDGE WHERE GWB WALL MEETS CMU WALL.
15. PROVIDE THOROUGH FINAL CLEANING THROUGHOUT INTERIOR PRIOR TO OWNER OCCUPANCY. INTERIOR CLEANING TO INCLUDE FLOORS, BASE, WALLS, WALL-MOUNTED EQUIPMENT, FIXTURES, FURNISHINGS, DOORS, WINDOWS, FRAMES, SILLS, CEILINGS, CEILING-MOUNTED EQUIPMENT AND FIXTURES.
16. THE ANNULAR SPACE OF EACH PENETRATION OF EACH FLOOR ASSEMBLY IS TO BE FILLED WITH MATERIAL THAT IS TESTED FOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS.
17. VERIFY MOUNTING HEIGHTS OF ACCESSORIES, EQUIPMENT, DOOR HARDWARE, CASEWORK, ETC., AND PROVIDE SOLID BLOCKING BEHIND ITEMS REQUIRING ANCHORAGE. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, MOUNT ITEMS IN ACCORDANCE WITH RECOGNIZED INDUSTRY STANDARDS, COORDINATE LOCATIONS WITH MANUFACTURER OR SUPPLIER AND REFER MOUNTING HEIGHT QUESTIONS TO ARCHITECT FOR INTERPRETATION.

REFLECTED CEILING PLAN GENERAL NOTES:

1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2'x4' TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
3. MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
5. SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON I-SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
7. PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILING CONSTRUCTION AS INDICATED. WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 30'-0". VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
8. ALL GWB CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
9. CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UON
10. PAINT ALL EXPOSED GWB CEILINGS AND BULKHEADS.
11. SPRINKLER HEAD LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE FINAL AUTOMATIC SPRINKLER DESIGN AND DEVICE LOCATIONS WITH OTHER CEILING-MOUNTED EQUIPMENT AND DEVICES.

ABBREVIATIONS

@	AT
AB	ANCHOR BOLT
ACCESS	ACCESSORY
ACT	ACOUSTICAL) CEILING TILE
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECTUR(AL)
AV	AUDIO VISUAL
BD	BOARD
BEJ	BUILDING EXPANSION JOINT
BFF	BELOW FINISHED FLOOR
BID	BID
BLDG	BUILDING
BLKG	BLOCKING
BOD	BOTTOM OF DECK
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
CI	CAST IRON
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR
CLSM	CLASSROM
CM	CONSTRUCTION MANAGER
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CPT	CARPET
CR	CARD READER
CSK	COUNTER SUNK
CT	CERAMIC TILE
DEPT	DEPARTMENT
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DS	DOWN SPOUT
DWG	DRAWING
E.PNT	EPOXY PAINT
EA	EACH
EJ	EXPANSION JOINT
EJC	EXPANSION JOINT COVER
EL	ELEVATION
ELEC	ELECTRIC(AL)
ELEV	ELEVATOR
EQ	EQUAL

EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPOSED
EXT	EXTERIOR
FACT	FACTORY FINISH
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FF&E	FURNITURE, FIXTURES & EQUIPMENT
FFE	FINISHED FLOOR ELEVATION
FIN	FINISH
FLR	FLOOR
FLUOR	FLUORESCENT
FND	FOUNDATION
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FRP	GLASS FIBER REINFORCED PLASTIC PANELS
FRT	FIRE-RETARDANT-TREATED
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACT(OR)
GFRC	GLASS FIBER REINFORCED CONCRETE
GL	GLASS
GLZ	GLAZING
GWB	GYPSUM WALL BOARD
GYP BD	GYPSUM BOARD
HB	HOSE BIBB
HD	HEAVY DUTY
HDWR	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
ID	INSIDE DIAMETER
IF	INSIDE FACE
INSUL	INSULATION
INT	INTERIOR
KLP	KICKPLATE
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LIN	LINOLEUM
LVR	LOUVER
LVT	LUXURY VINYL TILE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MBL	MARBLE
MECH	MECHANICAL

MEMB	MEMBRANE
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENINIG
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OH	OVERHANG
OHD	OVER HEAD
OPCI	OWNER PROVIDED, CONTRACTOR INSTALLED
OPNG	OPENING(S)
OPOI	OWNER PROVIDED, OWNER INSTALLED
OPP	OPPOSITE
PHEN	PHENOLIC
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PNT	PAINT(ED)
PNT	PARTITION
PROP	PROPERTY
PSF	POUNDS / SQUARE FOOT
PSI	POUNDS / SQUARE INCH
PT	PRESERVATIVE-TREATED
PVC	POLYVINYL CHLORIDE
QT	QUARRY TILE
QTY	QUANTITY
R	RADIUS
RA	RETURN AIR
RB	RUBBER BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RDL	ROOF DRAIN LEADER
REBAR	STEEL REINFORCING BAR
REF	REFER(ENCE)
REINF	REINFORCE(D)(ING)(MENT)
REQD	REQUIRED
REV	REVISION(S) REVISED
RM	ROOM
SC	SOLID CORE
SECT	SECTION
SF	SQUARE FEET (FOOT)
SFRM	SPRAYED FIRE-RESISTIVE MATERIAL
SHT	SHEET
SIM	SIMILAR
SLSF	SOLID SURFACE
SPEC	SPECIFICATION(S)

SPKLR	SPRINKLER
SQ IN	SQUARE INCH(ES)
SS	STAINLESS STEEL
ST	SIGN TYPE
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRFR	STOREFRONT
STRUCT	STRUCTURE
SUSP	SUSPENDED
SYS	SYSTEM(S)
TEL	TELEPHONE
THRES	THRESHOLD
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TYP	TYPICAL
TZ	TERRAZZO
UON	UNLESS OTHERWISE NOTED
UTIL	UTILIT(IES)(Y)
VB	VINYL BASE
VCT	VINYL COMPOSITE TILE
VERT	VERTICAL(LY)
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WG	WIRED GLASS
WSCT	WAINSCOT
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH

GENERAL SYMBOL LEGEND

ENLARGED DRAWING REFERENCE
A1 / A-2.1 — DRAWING NUMBER / SHEET NUMBER

BUILDING / WALL SECTION CUT REFERENCE
A1 / A-2.1 — DRAWING NUMBER / SHEET NUMBER

EXTERIOR ELEVATION REFERENCE
A1 / A-2.1 — DRAWING NUMBER / SHEET NUMBER

INTERIOR ELEVATION REFERENCE
A1 / A-5.1 — DRAWING NUMBER / SHEET NUMBER

PARTITION TYPE
A1A — *REFER TO INTERIOR PARTITION LEGEND*

CONTROL JOINT
CJ — CONTROL JOINT

ELEVATION DATUM REFERENCE
X'-X" — ELEVATION / DATUM REFERENCE
0'-0" — RELATIVE FINISH FLOOR ELEVATION

WALLS
EXISTING WALL OR PARTITION
NEW WALL OR PARTITION

DOOR / DOOR NUMBER
1015A — DOOR NUMBER

KEY NOTE
01 — KEY NOTE

WINDOW TYPE
SF1 — WINDOW TYPE

ALIGN FACES OF DESIGNATED SURFACES
ALIGN

NORTH ARROW
INDICATES NORTH DIRECTION

REVISION REFERENCE
1 — REVISION NUMBER

ROOM TAG
ROOM NAME — ROOM NAME
101 — ROOM NUMBER

FURNITURE, FIXTURES, & EQUIPMENT KEY
10 — KEY NUMBER

DRAIN SYMBOLS
FD — FLOOR DRAIN LOCATION, SEE PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
FOUNDATION DRAIN

COLUMN GRID IDENTIFIER
1 — NEW COLUMN GRID
1 — EXISTING COLUMN GRID

REFLECTED CEILING PLAN SYMBOL LEGEND

CEILING TAG
10'-0" / MATL — CEILING HEIGHT ABOVE FINISH FLOOR BELOW / CEILING TYPE CODE

GYB BOARD CEILING

ACOUSTIC CEILING: 2'x2'

ACOUSTIC CEILING: 2'x4'

EXISTING GYP BOARD CEILING

EXISTING ACOUSTIC CEILING

DEMOLISHED ACOUSTIC CEILING TILE: 2'x2'

DEMOLISHED ACOUSTIC CEILING TILE: 2'x4'

MECHANICAL RETURN REGISTER

MECHANICAL AIR SUPPLY DIFFUSER

MECHANICAL EXHAUST REGISTER

RECESSED LIGHT FIXTURE

SMOKE DETECTOR
S

HEAT DETECTOR
H

EXIT LIGHT FIXTURE
EXIT DIRECTIONAL ARROW

SPEAKER STROBE
S / S

CEILING-MOUNTED OCCUPANCY SENSOR
OS

CEILING-MOUNTED SPEAKER
SP

CEILING-MOUNTED CARBON MONOXIDE DETECTOR
CO

CEILING-MOUNTED WIRELESS ACCESS POINT

SPRINKLER HEAD

SECURITY CAMERA
CAM

CEILING-MOUNTED ELECTRICAL OUTLET

CEILING-MOUNTED FIRE ALARM STROBE

CAN LIGHT FIXTURE

CONTROL JOINT
CJ

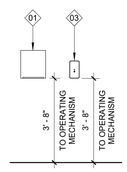
FURNITURE, FIXTURES AND EQUIPMENT GENERAL NOTES:

1. INSTALL BLOCKING AT ALL TOILET ROOM ACCESSORIES, MARKERBOARDS, TACKBOARDS, BULLETIN BOARD CABINETS, PROJECTION SCREEN AND OTHER FF&E ITEMS AS REQUIRED BY MANUFACTURER INSTALLATION REQUIREMENTS.

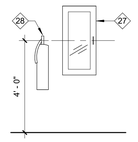
FURNITURE, FIXTURES, AND EQUIPMENT LEGEND

01	PAPER TOWEL DISPENSER, SURFACE MOUNTED - OPCI	32	FULL HEIGHT METAL LOCKERS
02	TOILET TISSUE DISPENSER - OPCI	33	VINYL WALL LOGO - NIC
03	SOAP DISPENSER, SURFACE MOUNTED - OPCI	34	SHORT-THROW PROJECTORS - NIC
04	SANITARY NAPKIN DISPOSAL	40	RANGE W/ FRONT CONTROLS
05	GRAB BAR - 18"	41	RANGE HOOD W/ REMOTE SWITCH
06	GRAB BAR - 36"	42	DISHWASHER
07	GRAB BAR - 42"	43	REFRIGERATOR WITH ICEMAKER
08	GRAB BAR - 16" X 31" TWO-WALL	44	UNDER-COUNTER REFRIGERATOR - LOCKABLE
09	GRAB BAR - 24"	45	KILN - OPCI
10	FRAMED MIRROR OVER LAVATORY	46	RESIDENTIAL WASHER
11	FULL HEIGHT FRAMED MIRROR	47	RESIDENTIAL DRYER
12	THERMALLY INSULATED TRAP COVER	48	MICROWAVE - NIC
13	FOLDING SHOWER SEAT	49	VENDING MACHINE - NIC
14	SHOWER ROD	50	COPIER - NIC
15	SHOWER CURTAIN	51	DINING FURNITURE - NIC
16	COAT HOOK	60	HOSPITAL BED 36" x 72" - NIC
17	30"X60" MOTORIZED PORTABLE CHANGING TABLE - NIC	61	FABRIC - WRAPPED PANELS
20	MARKERBOARD - 4' x 16' (36" AFF TO BOTTOM OF BOARD)	62	HEAVY DUTY MTL SHELVING - 48" x 12"
21	MARKERBOARD - 4' x 8' (36" AFF TO BOTTOM OF BOARD)	63	HEAVY DUTY MTL SHELVING - 48" x 18"
22	MARKERBOARD - 4' x 4' (36" AFF TO BOTTOM OF BOARD)	64	HEAVY DUTY MTL SHELVING - 54" x 18"
23	TACKBOARD - 4' x 4'	65	HEAVY DUTY MTL SHELVING - 36" x 12"
24	TACKSTRIP	66	HEAVY DUTY MTL SHELVING - 42" x 12"
25	GOGGLE SANITIZING CABINET- NIC (27" AFF TO BOTTOM)	67	LOCKER ROOM BENCH
26	MOP/BROOM HOLDER	70	ICE MAKER - OPCI
27	FIRE EXTINGUISHER & SEMI-RECESSED CABINET	71	FLAMMABLE STORAGE CABINET - NIC
28	FIRE EXTINGUISHER & SURFACE MOUNTED BRACKET	80	INSTRUMENT STORAGE CASEWORK - 27.5"W x 39.25"D
29	RECESSED KEY LOCK BOX	81	INSTRUMENT STORAGE CASEWORK - 14.5"W x 29.25"D
30	DOUBLE-TIER STUDENT LOCKERS	82	INSTRUMENT STORAGE CASEWORK - 48.5"W x 29.25"D
31	DOUBLE-TIER ATHLETIC LOCKERS	83	INSTRUMENT STORAGE CASEWORK - 10"W x 19.25"D

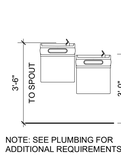
TYPICAL MOUNTING HEIGHTS AND DIMENSIONS



DISPENSER
NTS

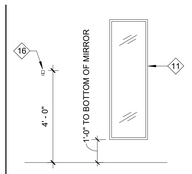


FIRE EXTINGUISHER AND CABINET
NTS



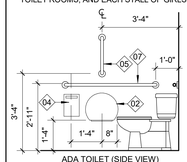
NOTE: SEE PLUMBING FOR ADDITIONAL REQUIREMENTS

DRINKING FOUNTAIN HEIGHTS
NTS

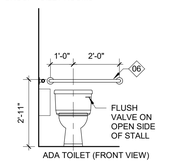


FULL HEIGHT MIRROR & WALL HOOK
NTS

NOTE: INSTALL SANITARY NAPKIN DISPOSALS AT UNISEX TOILET ROOMS, WOMEN'S STAFF TOILET ROOMS, AND EACH STALL OF GIRLS' GROUP TOILET ROOMS

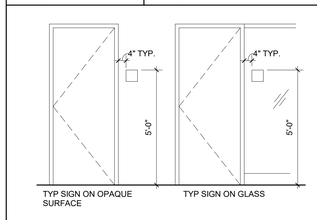


ADA TOILET (SIDE VIEW)



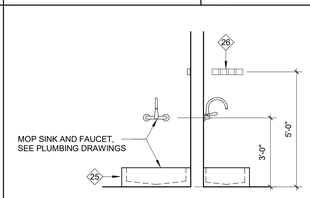
ADA TOILET (FRONT VIEW)

ADA TOILET
NTS



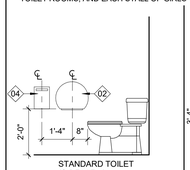
TYP SIGN ON OPAQUE SURFACE
TYP SIGN ON GLASS

SIGN HEIGHTS
NTS



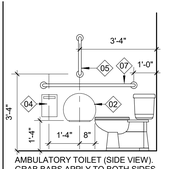
MOP SINK
NTS

NOTE: INSTALL SANITARY NAPKIN DISPOSALS AT UNISEX TOILET ROOMS, WOMEN'S STAFF TOILET ROOMS, AND EACH STALL OF GIRLS' GROUP TOILET ROOMS



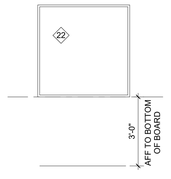
STANDARD TOILET (SIDE VIEW)

TYPICAL TOILET
NTS



AMBULATORY TOILET (SIDE VIEW). GRAB BARS APPLY TO BOTH SIDES

AMBULATORY TOILET
NTS



MARKERBOARD
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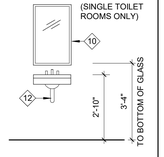
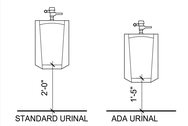


ADA LAVATORY
NTS



STANDARD URINAL — ADA URINAL

URINAL
NTS

DAVIS KANE ARCHITECTS, PA
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RALEIGH, NC 27605
919.833.3737
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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS P.A. — 50304 — RALEIGH, N.C.

ROBERT C. STEVENSON — 6214 — 1-10-25 — RALEIGH, N.C.

DKA JOB NUMBER
2401

REVISIONS

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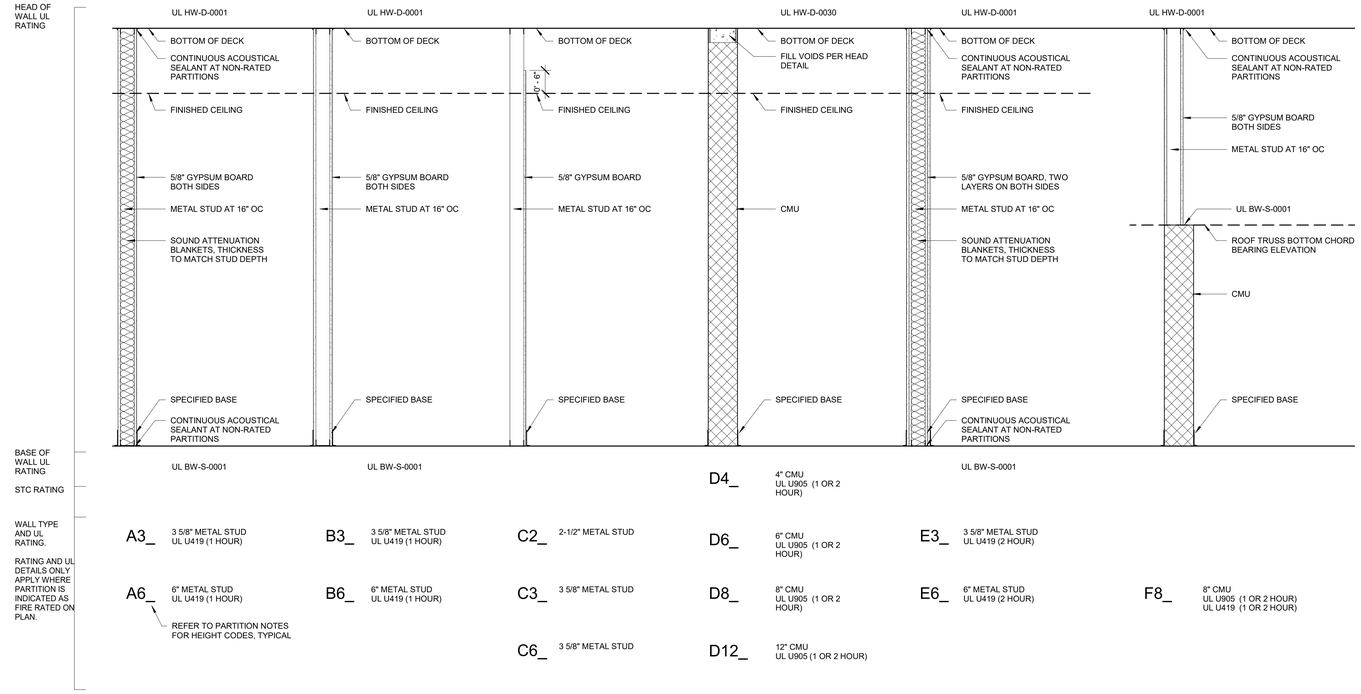
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:33:39 AM

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
GENERAL NOTES AND LEGENDS

A000

INTERIOR PARTITIONS LEGEND



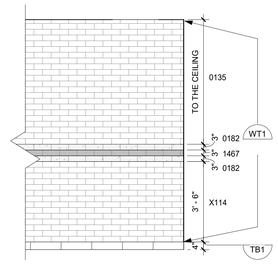
INTERIOR PARTITION NOTES:

1. ALL RATED ASSEMBLIES SHALL BE STENCILED IN RED WITH RATED WALL WARNING MESSAGE TO READ AS FOLLOWS: "__-HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS SHOWN ON PLANS. LETTERING TO BE 4" MIN HIGH, LOCATED 12" ABOVE CEILING, SPACED AT 6'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.
2. SEE SHEET **G006 - G007** FOR UL CERTIFIED RATED ASSEMBLIES AS REQUIRED BY INTERIOR PARTITION LEGEND. AT RATED ASSEMBLIES, PROTECT JOINTS WITH RATED ASSEMBLIES TO MAINTAIN FIRE RATINGS. SEE PLUMBING, MECHANICAL AND ELECTRICAL SHEETS FOR PROTECTION OF PENETRATIONS IN RATED ASSEMBLIES. SEAL PERIMETER OF ALL RATED ASSEMBLIES AT DECK, STRUCTURE, CEILING, FLOOR AND ADJACENT WALLS.
3. COORDINATE LAYOUT OF WALLS OF DIFFERENT TYPES SUCH THAT FINISHED GYPSUM BOARD SURFACES ALIGN IN SAME PLANE.
4. AT NON-RATED WALLS AND PARTITIONS, SEAL PENETRATIONS USING APPROVED NON-COMBUSTIBLE MATERIAL.
5. AT PARTITION WALLS WITH SOUND BATT INSULATION: PROVIDE CONTINUOUS ACOUSTIC SEALANT AROUND FULL PERIMETER OF PARTITION AT ADJACENT SURFACES AND AT PENETRATIONS. SEPARATE ELECTRICAL BOXES ON OPPOSITE SIDES OF STUD PARTITIONS BY AT LEAST ONE STUD. AT PARTITIONS WITH MULTIPLE LAYERS OF GYPSUM BOARD, STAGGER GYPSUM BOARD JOINTS BETWEEN LAYERS. PROVIDE PUTTY PADS AT ELECTRICAL BOXES.
6. TOP OF WALL BRACING IS NOT SHOWN THIS SHEET, BUT IS REQUIRED FOR MEETING PARTITION DEFLECTION CRITERIA AND/OR AS REQUIRED ON STRUCTURAL DRAWINGS. PARTITION BRACING SHALL BE ABOVE CEILING UNLESS APPROVED BY ARCHITECT IN WRITING.
7. ISOLATE NON-LOAD-BEARING STUD FRAMING FROM BUILDING STRUCTURE TO PREVENT TRANSFER OF VERTICAL LOADS WHILE PROVIDING LATERAL SUPPORT.
8. PROVIDE GYPSUM BOARD CONTROL JOINTS (TYPE PER DETAILS), LOCATED WHERE INDICATED ON DRAWINGS OR BASED ON SPACING PER SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. COORDINATE CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
9. REFER TO INTERIOR FINISHES PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL WALL FINISH, BASE, AND CEILING INFORMATION.
10. PROVIDE WATER RESISTANT GYPSUM BOARD WITHIN 4 FEET OF DRINKING FOUNTAINS / WATER COOLERS, UNLESS OTHERWISE NOTED.
11. PROVIDE SPECIFIED TILE BACKER BOARD IN LIEU OF GYPSUM BOARD AT ALL WALLS SCHEDULED TO RECEIVE TILE OR FRP PANELS.
12. CORRIDOR WALLS SHALL RECEIVE ABUSE RESISTANT GYPSUM BOARD TYPICAL, UON.
13. OUTSIDE CORNER OF CMU WALLS TO BE BULLNOSE FROM 8" AFF TO 8'-8" AFF TYPICAL, UON.
14. PROVIDE 2X WOOD BLOCKING, CONCEALED IN STUD WALLS, FOR WALL-MOUNTED FIXTURES, FURNISHINGS, GRAB BARS AND HANDRAILS, EQUIPMENT, CABINETS, ART, AND ACCESSORIES.
15. PARTITION HEIGHT CODES ARE PRESENTED BY THE LAST LETTER OF THE PARTITION TAG, DEFINED AS FOLLOWS :

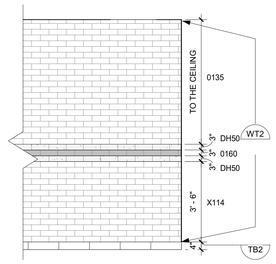
_A FULL HEIGHT PARTITION (TO UNDERSIDE OF DECK), FIRE RATED WHERE INDICATED ON PLAN.
_B PARTITION EXTENDS TO 6" ABOVE FINISHED CEILING.
_C PARTITION EXTENDS TO UNDERSIDE OF ROOF TRUSS BOTTOM CHORD, FIRE RATED WHERE INDICATED ON PLAN
_D PARTIAL HEIGHT PARTITION, REFER TO PARTITION DETAIL FOR HEIGHT AND HEAD DETAIL INFO.
_E METAL STUDS EXTEND FULL HEIGHT TO UNDERSIDE OF DECK ABOVE. GYPSUM BOARD ON ONE SIDE (WITHOUT CEILING) EXTENDS FULL HEIGHT; GYPSUM BOARD OR TILE BACKER ON OTHER SIDE (WITH CEILING) STOPS AT CEILING.
_F PARTITION EXTENDS TO 9'-4"AFF

MATERIAL LEGEND

FINISH CODE	FINISH TYPE	BOD	DESCRIPTION	COMMENTS
CEILING				
APC1	ACOUSTICAL PANEL CEILING	ARMSTRONG	SCHOOL ZONE FINE FISSURED 1703; SQUARE LAY-IN	24"X24"X5/8"; FIELD UON
APC2	ACOUSTICAL PANEL CEILING	ARMSTRONG	CLEAN ROOM VL UNPERFORATED 868, SQUARE LAY-IN	24"X24"X5/8"; KITCHEN
APC3	ACOUSTICAL PANEL CEILING	ARMSTRONG	CLEAN ROOMVL PERFORATED 869, SQUARE LAY-IN	24"X24"X5/8"; TOILET ROOMS
APC4	ACOUSTICAL PANEL CEILING	ARMSTRONG	CALLA HIGH NRC 2844; SQUARE LAY-IN	24"X24"X5/8"; FIELD UON
FLOORING				
CPT1	CARPET TILE	TARKETT 11615 EDGE EDIT 24X24	22404 COMMON GROUND	
CPT2	CARPET TILE	TARKETT 11615 EDGE EDIT 24X24	22407 LIGHTNING	
S.CONC	SEALED CONCRETE			
S.T.CONC	SEALED TINTED CONCRETE			
TZ1	TERRAZZO	MASTER TERRAZZO 1000	LIGHT GRAY MIX	
TZ2	TERRAZZO	MASTER TERRAZZO 8392	PURPLE MIX	
TZ3	TERRAZZO	MASTER TERRAZZO 1110	YELLOW MIX	
TZB	WALL BASE	MASTER TERRAZZO 1000		
MASONRY				
BRK1	BRICK	PALMETTO	MEDIUM RED FLASHED WIRECUT	
BRK2	BRICK	TAYLOR	WIRECUT PEARL GRAY	
MILLWORK				
BPR	PHENOLIC RESIN		BLACK	
PLAM1	PLASTIC LAMINATE	FORMICA ASHWOOD OAK NATURAL GRAIN TEXTURE	RECEPTION DESK AND CIRCULATION DESK	
PLAM2	PLASTIC LAMINATE	WILSONART PLATINUM D315-60 MATTE		
PLAM3	PLASTIC LAMINATE	WILSONART HANDSPUN DOVE 5034-38 FINE VELVET FINISH		
PLAM4	PLASTIC LAMINATE	WILSONART MAJESTY Y0731-60MATTE FINISH	PURPLE	
PLAM5	PLASTIC LAMINATE	WILSONART SUNNY SIDE UP 13089-60 MATTE FINISH	YELLOW	
SLSF1	SOLID SURFACE	WILSONART BLUESTONE 9074EA	RECEPTION DESK AND CIRCULATION DESK	COUNTERTOP
PAINT				
PNT1	PAINT	SHERWIN-WILLIAMS 7064	LIGHT GRAY	FIELD PAINT AND CEILING PAINT
PNT2	PAINT	SHERWIN-WILLIAMS 6818	PURPLE PAINT	
PNT3	PAINT	SHERWIN-WILLIAMS 9019	YELLOW PAINT	
PNT4	PAINT	SHERWIN-WILLIAMS 7670	LIGHT GRAY	INTERIOR DOOR FRAME AND STAIR STRINGERS/RAILS PAINT
PNT5	PAINT	SHERWIN-WILLIAMS 7664	LIGHT GRAY	EXTERIOR DOO FRAME PAINT
RESILIENT				
RB1	RUBBER BASE	FLEXCO 036 GRAY		FOR HARD FLOORING
RB2	RUBBER BASE	TARKETT BLACK		6" HIGH BLACK TO MATCH EXISTING
VCT1	VINYL COMPOSITION TILE	AHF CONTRACT ILIAD 12X12	50% CR007, 50% CR009	MIX OF LIGHT GRAY AND DARK GRAY
VCT2	VINYL COMPOSITION TILE	AHF CONTRACT ILIAD AND HIGHLIGHTS 12X12	25% CR007, 25% CR009, 25% HR024, 25%HR022	MIX OF GRAY AND PURPLE
VCT3	VINYL COMPOSITION TILE	AHF CONTRACT ILIAD AND HIGHLIGHTS 12X12	25% CR007, 25% CR009, 25% HR014, 25%HR015	MIX OF GRAY AND YELLOW
VCT4	VINYL COMPOSITION TILE	AHF CONTRACT ILIAD AND HIGHLIGHTS 12X12	20% CR007, 20% CR009, 15% HR022, 15% HR024, 15% HR014, 15% HR015	MIX OF GRAY, PURPLE, AND YELLOW
TILE				
QT	TILE	QUARRY TILE	ASHEN GRAY	
QTB	TILE	QUARRY TILE BASE	ASHEN GRAY	
T1	TILE	DALTILE KEYSTONES 2X2	SUEDE GRAY SPECKLE D 208 MATTE	
T2	TILE	DALTILE KEYSTONES 2X2	DESERT GRAY SPECKLE D 200 MATTE	
TB1	TILE	DALTILE KEYSTONES 4X12	SUEDE GRAY SPECKLE D208 MATTE	MOSAIC 2X2 BUILD UP BASE
TB2	TILE	DALTILE KEYSTONES 4X12	DESERT GRAY SPECKLE D200 MATTE	MOSAIC 2X2 BUILD UP BASE
WT1	TILE	DALTILE COLOR WHEEL CLASSIC 3X6	0135, 1467, 0182, X114	
WT2	TILE	DALTILE COLOR WHEEL CLASSIC 3X6	0135, 0160, DH50, X114	
WT3	TILE	DALTILE COLOR WHEEL CLASSIC 3X6	X114, 0160, 0135	
WT4	TILE	DALTILE COLOR WHEEL CLASSIC 3X6	X114, 1467, 0135	
WALLCOVERING				
VW1	WALLCOVERING	WOLF GORDON RGL 5414 FOG	VINYL	ACCENT WALL



TYP. WT1



TYP. WT 2

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541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. REGISTERED ARCHITECTURAL CORPORATION 50304 NORTH CAROLINA RALEIGH, N.C.

ROBERT C. STEVENSON REGISTERED ARCHITECT 6214 NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER

2401

REVISIONS

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PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:33:41 AM

DATE ISSUED

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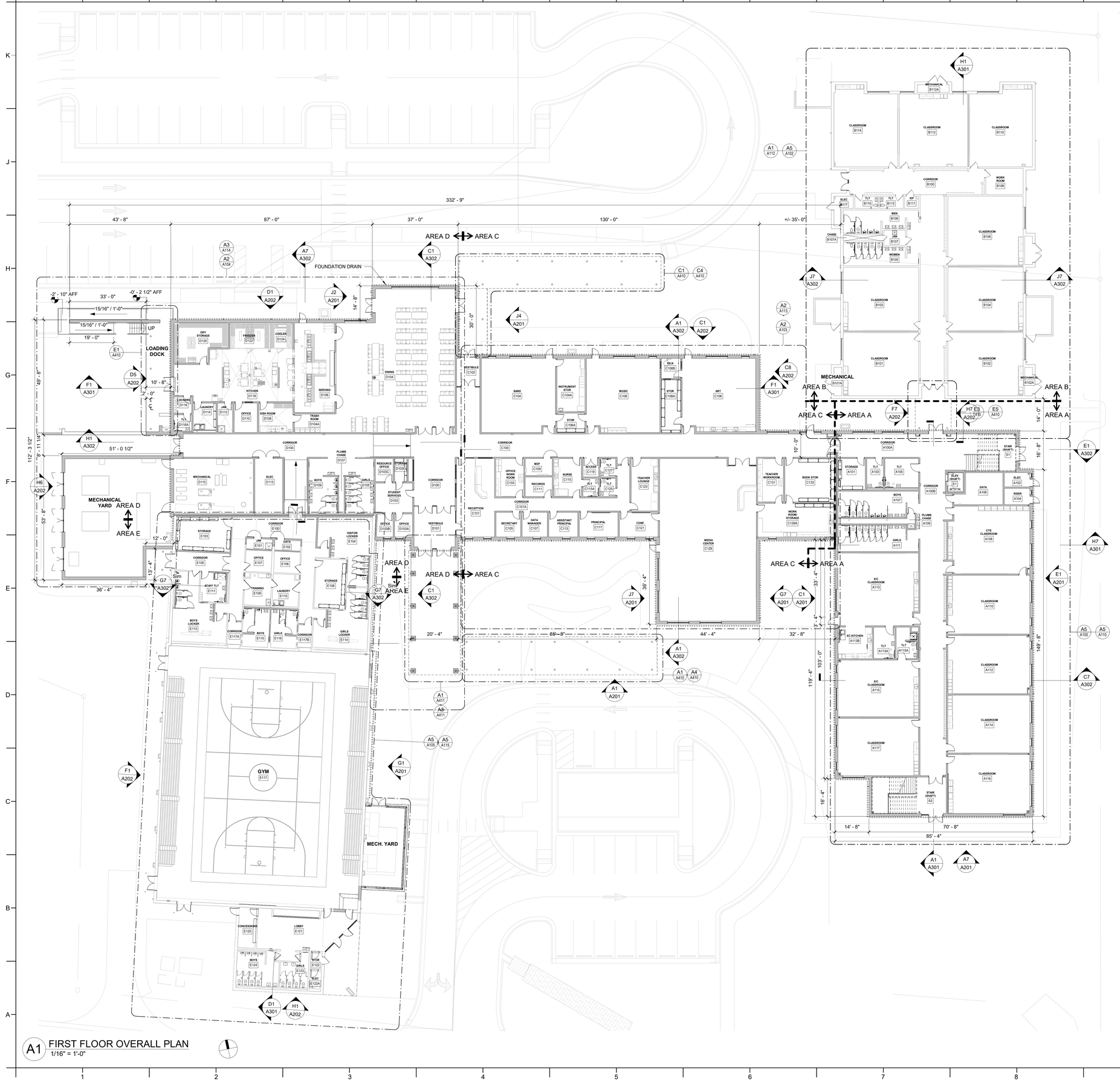
01/10/2025

SHEET TITLE

PARTITION WALL TYPES & MATERIAL LEGEND

A001


332' - 9"
43' - 8"
87' - 0"
37' - 0"
130' - 0"
+/- 35'- 0"
AREA D
AREA C
AREA B
AREA A
AREA E
FOUNDATION DRAIN
LOADING DOCK
UP
MECHANICAL YARD
GYM
E117
MECH. YARD
MECHANICAL
B107A
CLASSROOM
B114
CLASSROOM
B112
CLASSROOM
B110
CORRIDOR
B100
WORK ROOM
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ELEC
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TLT
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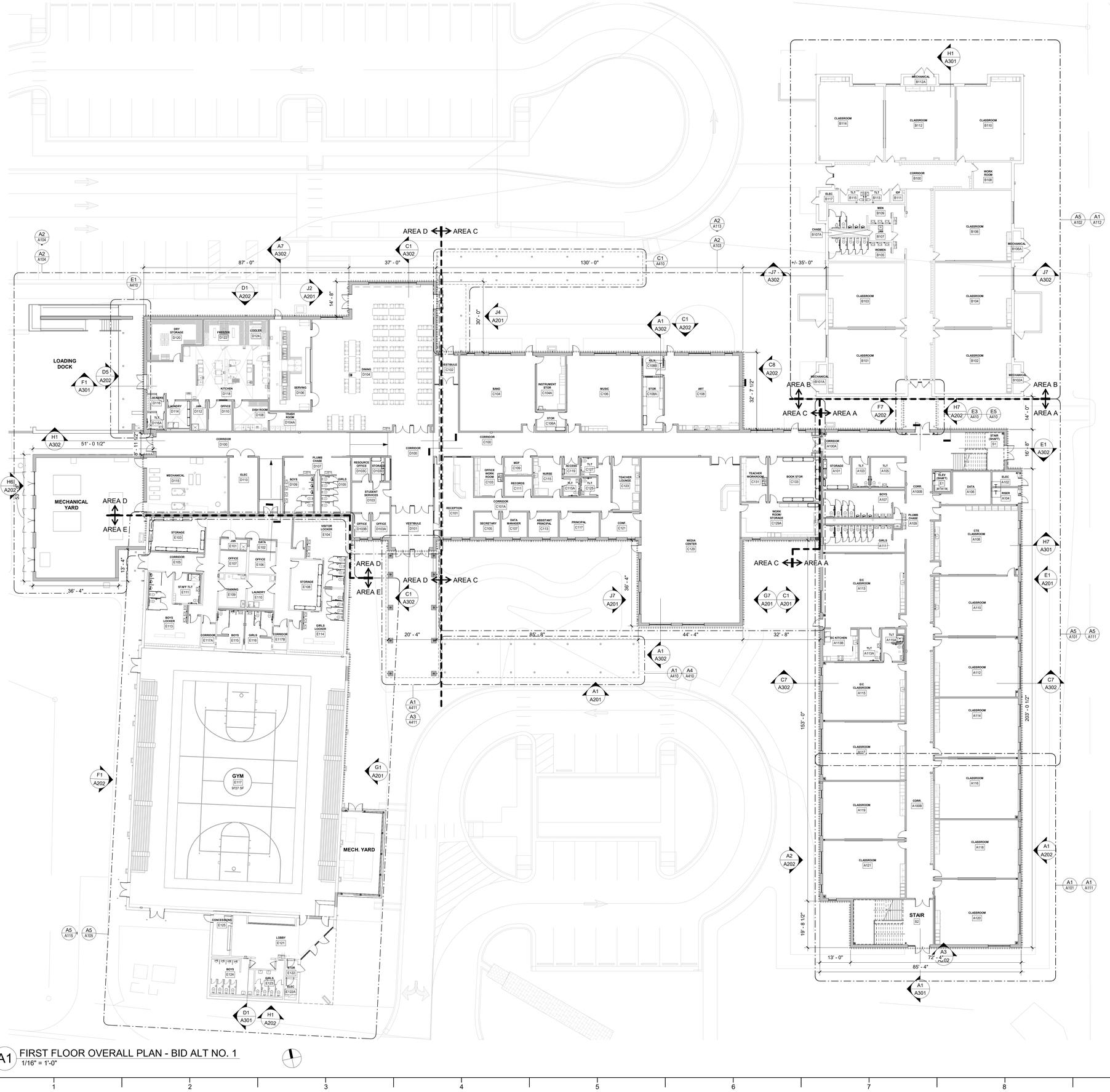

A1 FIRST FLOOR OVERALL PLAN - BID ALT NO. 1
1/16" = 1'-0"

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

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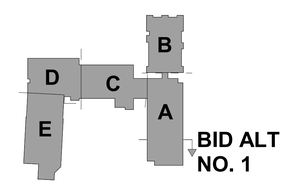
SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER



KEY PLAN - 1ST FLOOR ALT
NTS

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. — 50304 — NORTH CAROLINA — RALEIGH, N.C.

ROBERT C. STEVENSON — 6214 — 1-10-25 — NORTH CAROLINA — RALEIGH, N.C.

DKA JOB NUMBER
2401

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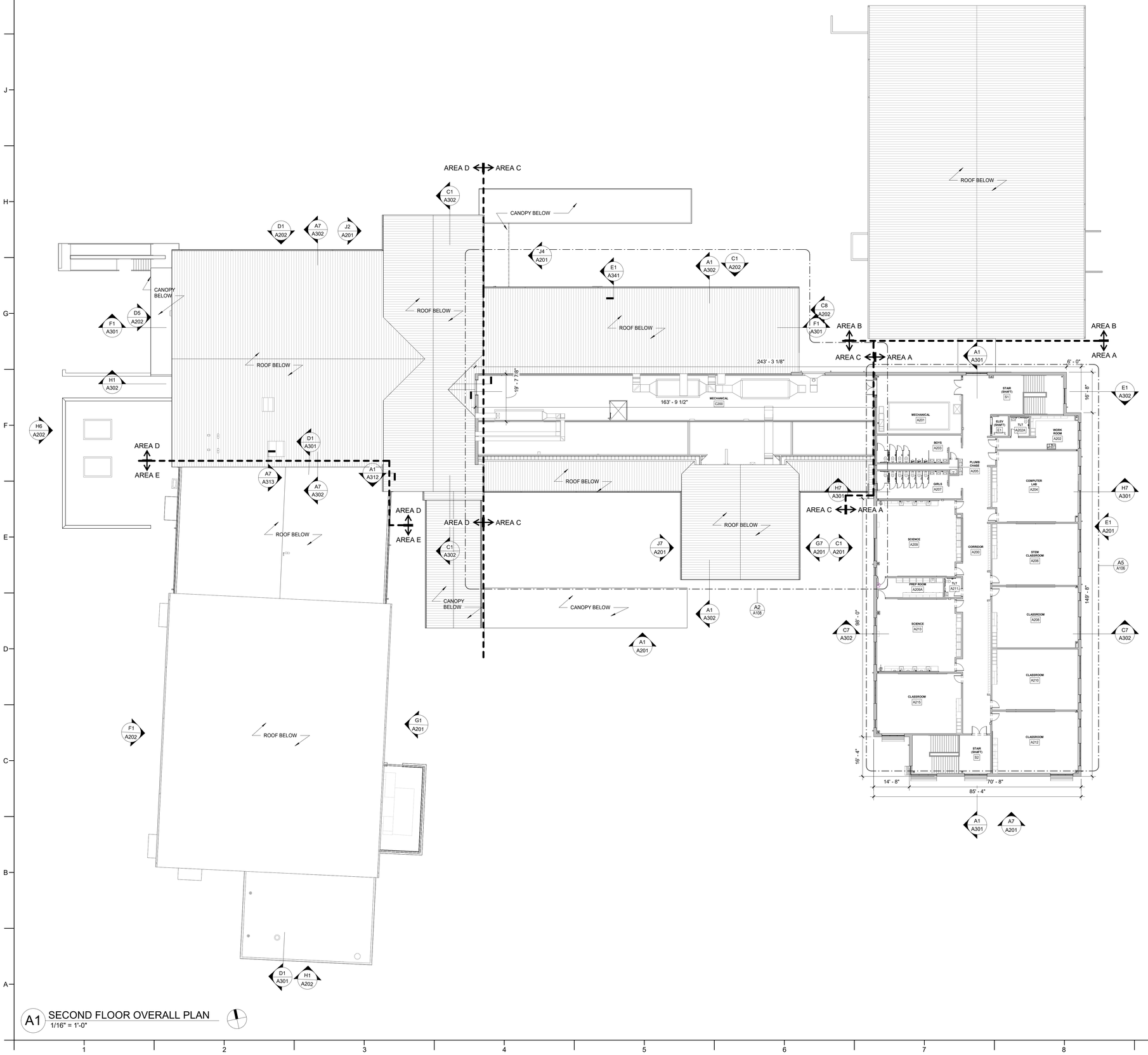
SHEET TITLE
FIRST FLOOR OVERALL PLAN - BID ALT NO. 1

A003



A1 SECOND FLOOR OVERALL PLAN
1/16" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

RATED ASSEMBLIES LEGEND

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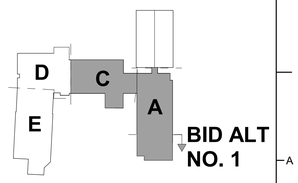
SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER



KEY PLAN - 2ND FLOOR

NTS

SEALS

DAVIS KANE ARCHITECTS, P.A. 50304 REGISTERED ARCHITECTURAL CORPORATION NORTH CAROLINA RALEIGH, N.C.

ROBERT C. STEVENSON 6214 REGISTERED ARCHITECT NORTH CAROLINA RALEIGH, N.C. 1-10-25

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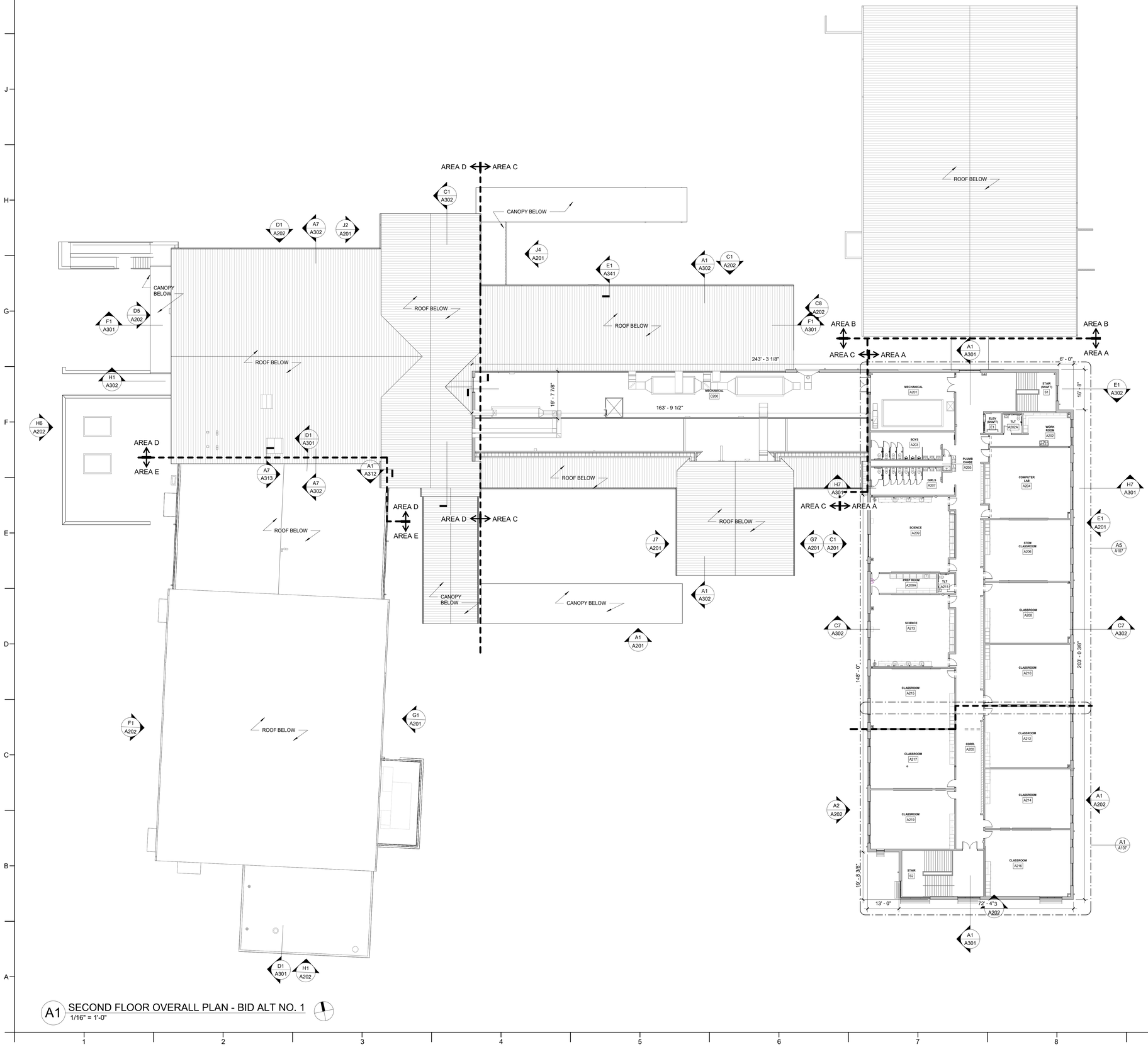
SHEET TITLE
SECOND FLOOR OVERALL PLAN

A004



A1 SECOND FLOOR OVERALL PLAN - BID ALT NO. 1
1/16" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

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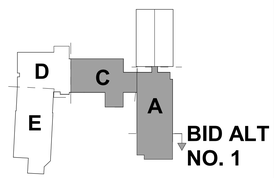
SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

- 1-HR RATED FIRE BARRIER
- 2-HR RATED FIRE WALL
- 2-HR RATED FIRE BARRIER



BID ALT NO. 1

KEY PLAN - 2ND FLOOR

NTS

SEALS

DKA JOB NUMBER
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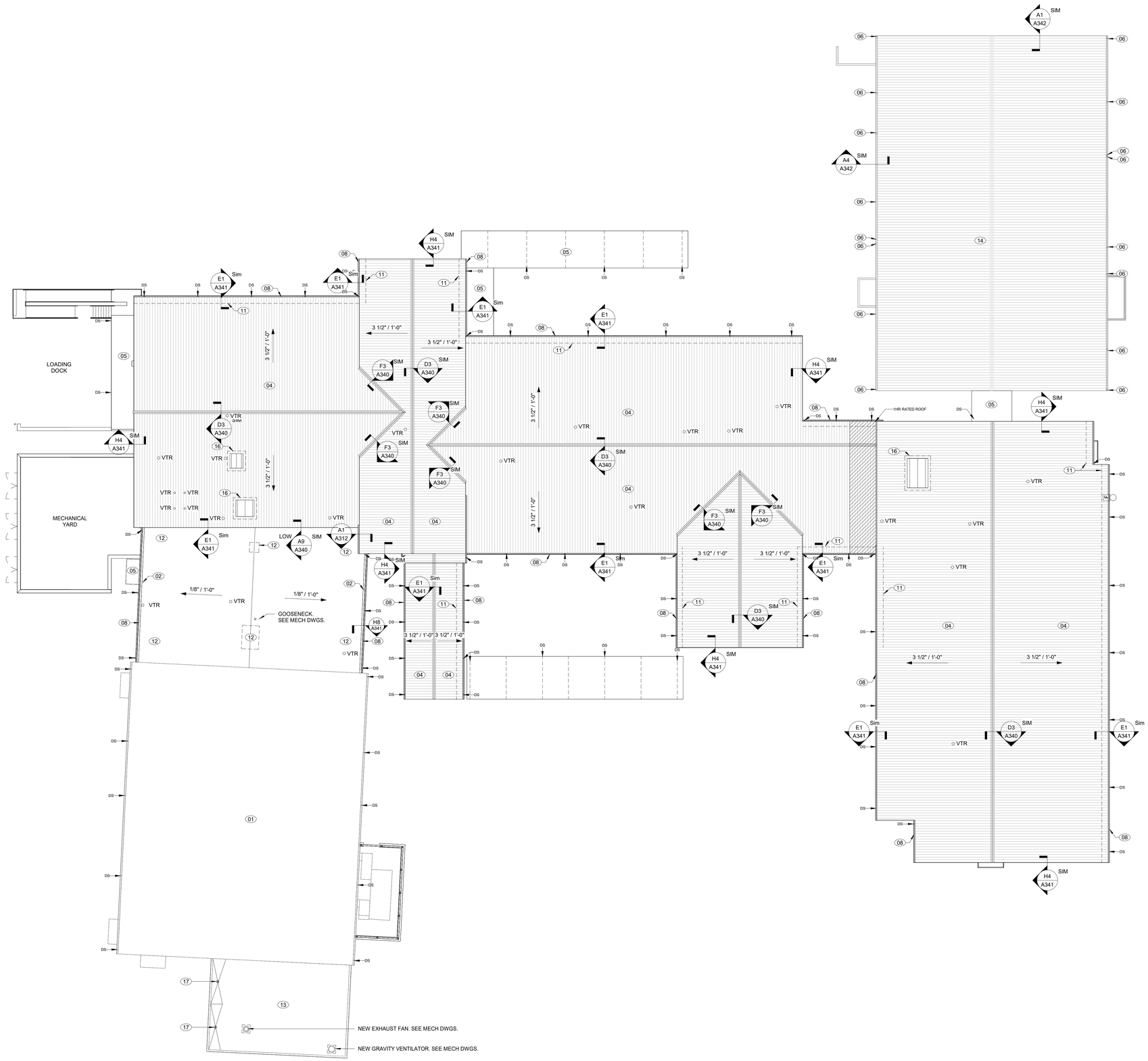
SHEET TITLE
SECOND FLOOR OVERALL PLAN - BID ALT NO. 1

A005



A1 OVERALL ROOF PLAN
1/16" = 1'-0"

ROOF PLAN GENERAL NOTES:

1. NEW ROOF SYSTEM INCLUDES ALL COMPONENTS AND ACCESSORIES REQUIRED TO PROVIDE A COMPLETE, WATERTIGHT AND WARRANTED SYSTEM. ITEMS INCLUDE BUT ARE NOT LIMITED TO INSULATION, ADHESIVE, PRIMER, FASTENERS, ANCHORS, METAL FLASHING, BLOCKING, GUTTERS, DOWNSPOUTS, CURBS, ETC.
2. COORDINATE INSTALLATION OF NEW ROOF SYSTEM ON EXISTING BUILDING TO MINIMIZE THE TIME WHEN ROOF DECK IS EXPOSED TO WEATHER AND BUILDING IS SUBJECT TO WATER INTRUSION. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT WATER INTRUSION INTO BUILDING DURING CONSTRUCTION INCLUDING TEMPORARY COVERS.
3. SLOPE INDICATED IN LEGEND IS A MINIMUM SLOPE MEASURED AT THE ROOF SURFACE.

ROOF PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS.

Number	Description
01	EXISTING ROOF TO REMAIN.
02	AREA OF EXISTING ROOF REWORK - SEE BUILDING SECTIONS FOR ADDITIONAL INFO
03	DEMOLISH EXISTING TPO SYSTEM TO DECK AND REPLACE WITH TPO ROOF SYSTEM.
04	NEW STANDING SEAM METAL ROOF
05	PREFABRICATED METAL CANOPY
06	EXISTING DOWNSPOUT. NEW COLOR RECOATING IN BASE BID.
07	DEMOLISH EXISTING DOWNSPOUT. REPLACE WITH NEW DOWNSPOUT FOR BID ALT NO. 3.
08	PRE-FINISHED METAL GUTTER
09	DOWNSPOUT
10	CANOPY MANUFACTURER TO COORDINATE CANOPY DESIGN WITH BUILDING DOWNSPOUTS.
11	SNOW GUARD SYSTEM
12	EXISTING ROOF DECK INFILL
13	EXISTING ROOF TO REMAIN WITH NEW PENETRATIONS
14	EXISTING ROOF TO REMAIN. NEW COLOR RECOATING IN BASE BID.
15	DEMOLISH ROOF DOWN TO ROOF DECK. NEW STANDING SEAM METAL ROOF SYSTEM FOR BID ALT NO. 3.
16	ROOF VENT
17	EXISTING ROOF DRAIN

KEY PLAN-1ST FLOOR
NTS

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. 50304 RALEIGH, N.C.

ROBERT C. STEVENSON 6214 1-10-25 RALEIGH, N.C.

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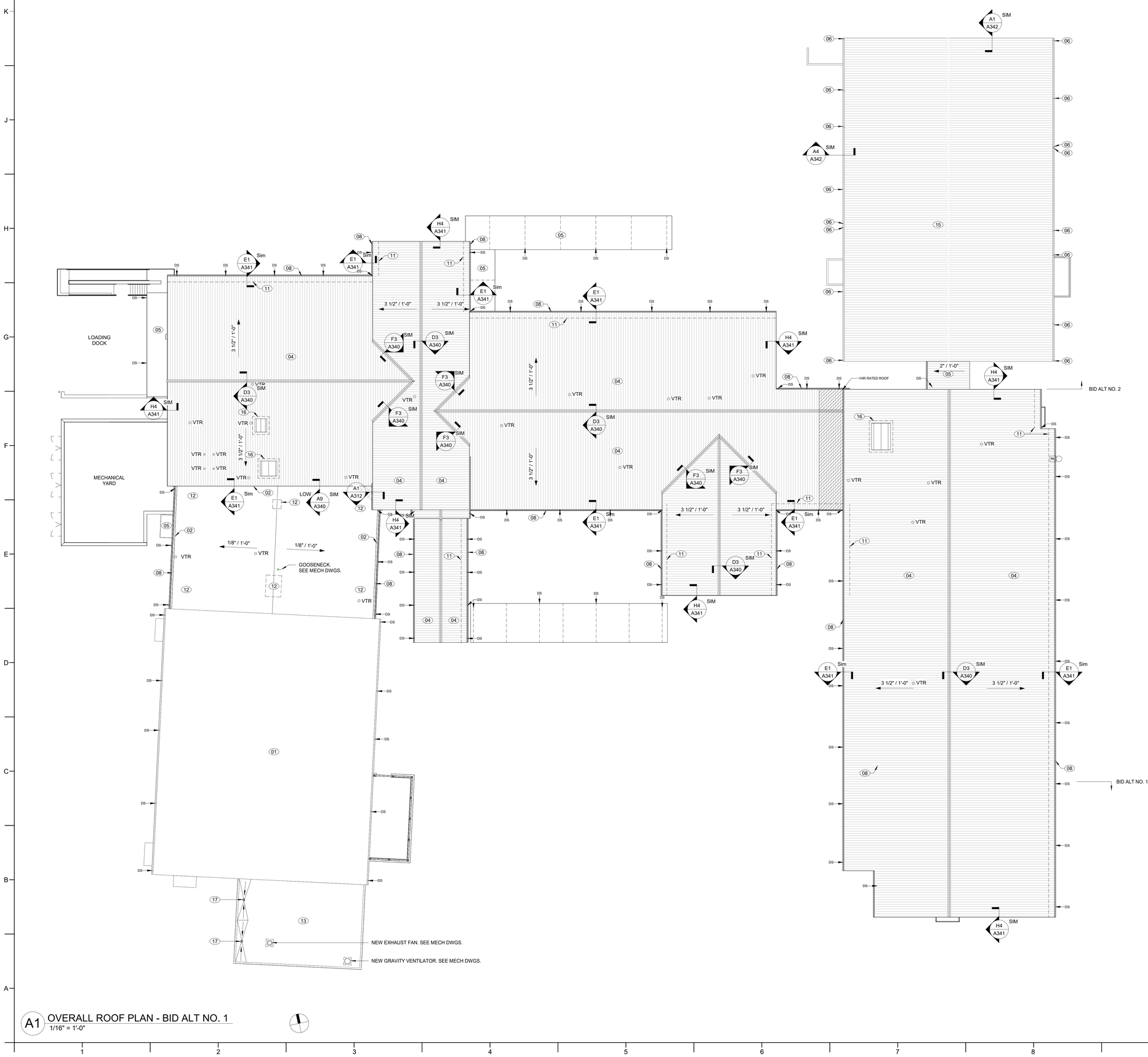
SHEET TITLE
OVERALL ROOF PLAN

A006



A1 OVERALL ROOF PLAN - BID ALT NO. 1
1/16" = 1'-0"

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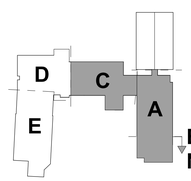
13	EXISTING ROOF TO REMAIN WITH NEW PENETRATIONS
14	EXISTING ROOF TO REMAIN. NEW COLOR RECOATING IN BASE BID.
15	DEMOLISH ROOF DOWN TO ROOF DECK. NEW STANDING SEAM METAL ROOF SYSTEM FOR BID ALT NO. 3.
16	ROOF VENT
17	EXISTING ROOF DRAIN

KEY PLAN - 2ND FLOOR
NTS



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PROJECT INFORMATION

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

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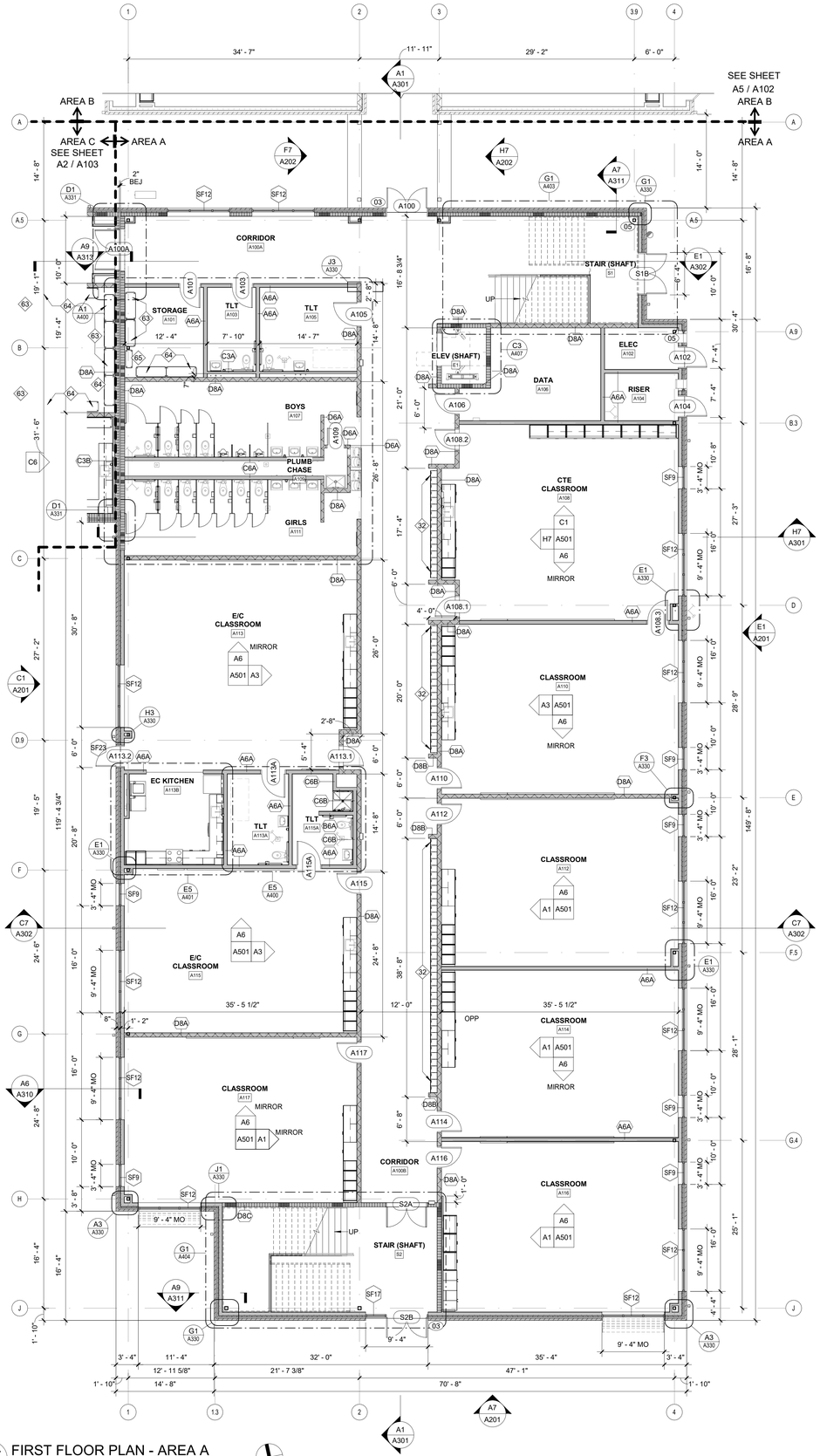
SHEET TITLE
OVERALL ROOF PLAN - BID ALT

A007



A5 FIRST FLOOR PLAN - AREA A
1/8" = 1'-0"

FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES.
SEE SHEET A000 FOR FF&E LEGEND.

01	LOCK BOX, FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 44" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL.
02	FLOOR DRAIN LOCATION. SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0"), 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
03	CARD READER, SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
04	ROOF ACCESS LADDER.
05	AESS COLUMN, SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
06	ILLUMINATED DISPLAY CASE
07	CENTER WALL ON COLUMN CENTERLINE
08	4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUN FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL.
09	4'x8' FRT PLYWOOD
10	BOLLARD FOR CARD READER

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

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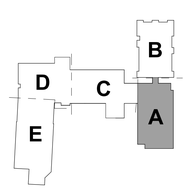
SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

1-HR RATED FIRE BARRIER
2-HR RATED FIRE WALL
2-HR RATED FIRE BARRIER



KEY PLAN-1ST FLOOR
NTS

DAVIS KANE
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503 OBERLIN ROAD | SUITE 300
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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, PA
50304
NORTH CAROLINA
RALEIGH, N.C.

ROBERT C. STEVENSON
6214
1-10-25
NORTH CAROLINA
RALEIGH, N.C.

DKA JOB NUMBER
2401

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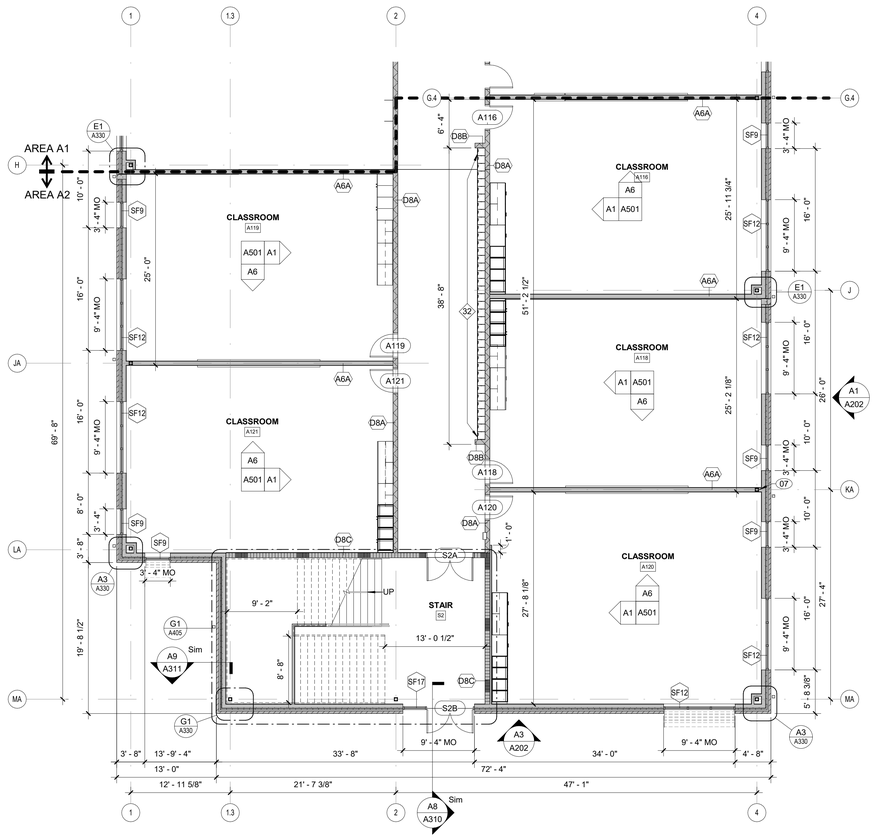
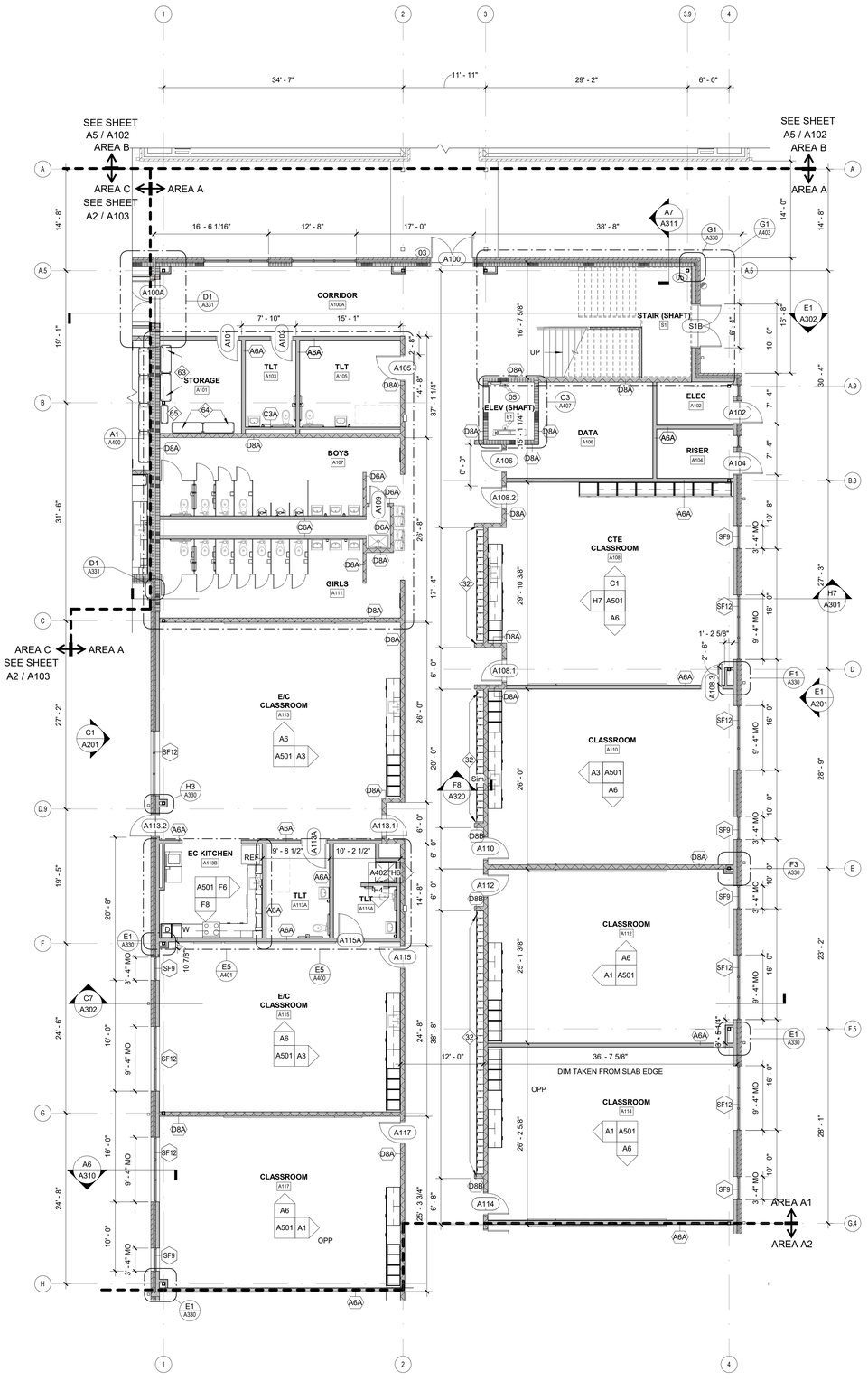
01/10/2025

SHEET TITLE
FIRST FLOOR PLAN - AREA A

A100



A1 FIRST FLOOR PLAN - AREA A2 - BID ALT NO. 1
1/8" = 1'-0"



A5 FIRST FLOOR PLAN - AREA A1 - BID ALT NO. 1
1/8" = 1'-0"

FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS.
SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES.
SEE SHEET A000 FOR FF&E LEGEND.

01	LOCK BOX, FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 44" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL.
02	FLOOR DRAIN LOCATION. SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0"), 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
03	CARD READER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
04	ROOF ACCESS LADDER.
05	AESS COLUMN. SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
06	ILLUMINATED DISPLAY CASE
07	CENTER WALL ON COLUMN CENTERLINE
08	4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL.
09	4'x8' FRT PLYWOOD
10	BOLLARD FOR CARD READER

RATED ASSEMBLIES LEGEND

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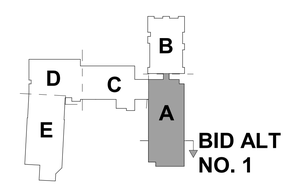
2-HR RATED FIRE WALL
2-HR RATED FIRE BARRIER



KEY PLAN - 1ST FLOOR ALT
NTS

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PROJECT INFORMATION

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

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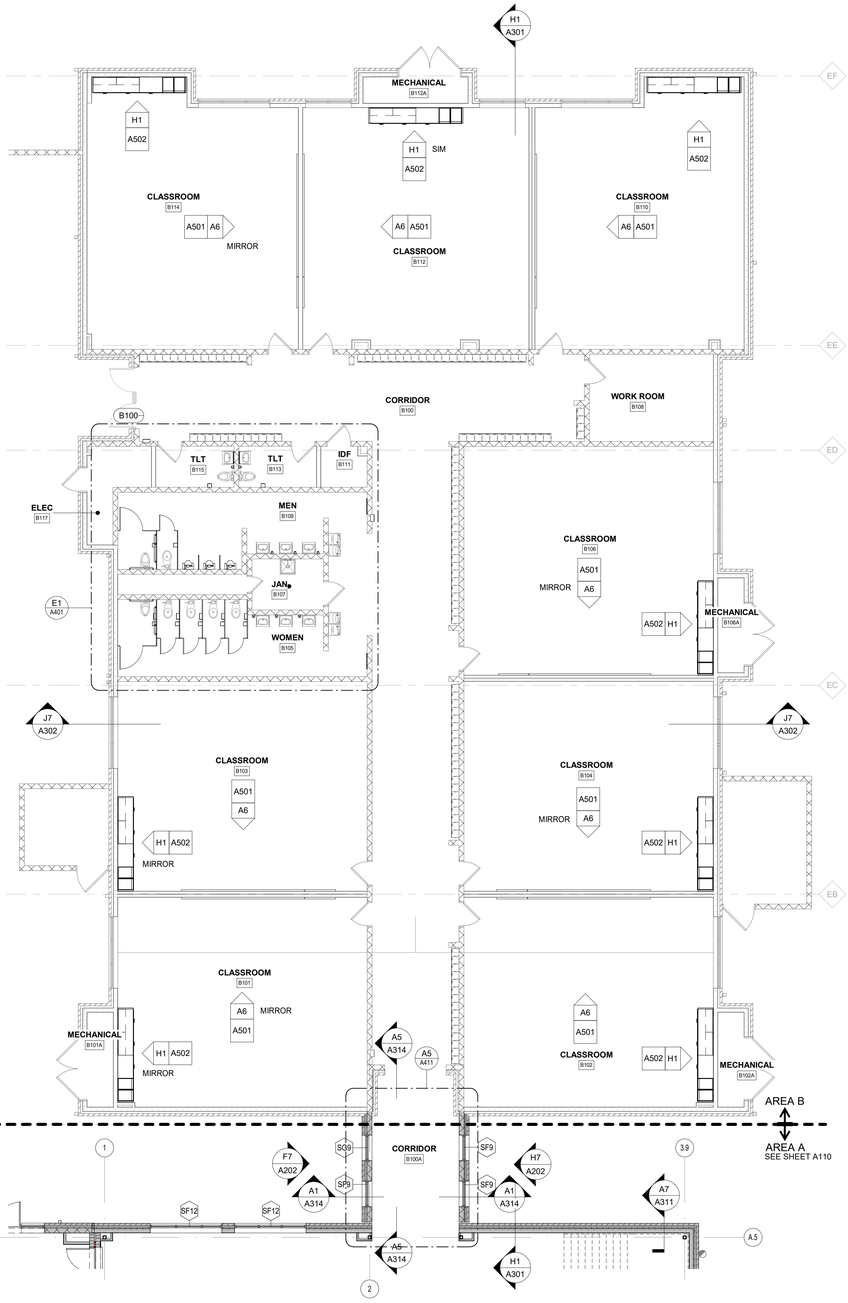
SHEET TITLE
FIRST FLOOR PLAN - AREA A - BID ALT NO. 1

A101



A5 FIRST FLOOR PLAN - ALT AREA B - BID ALT NO. 2
1/8" = 1'-0"

FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS.
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SEE SHEET A000 FOR FF&E LEGEND.

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06	ILLUMINATED DISPLAY CASE
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09	4'x8' FRT PLYWOOD
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RATED ASSEMBLIES LEGEND

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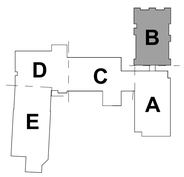
2-HR RATED FIRE WALL
2-HR RATED FIRE BARRIER



KEY PLAN-1ST FLOOR

NTS

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ROBERT C. STEVENSON 6214 REGISTERED ARCHITECT NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
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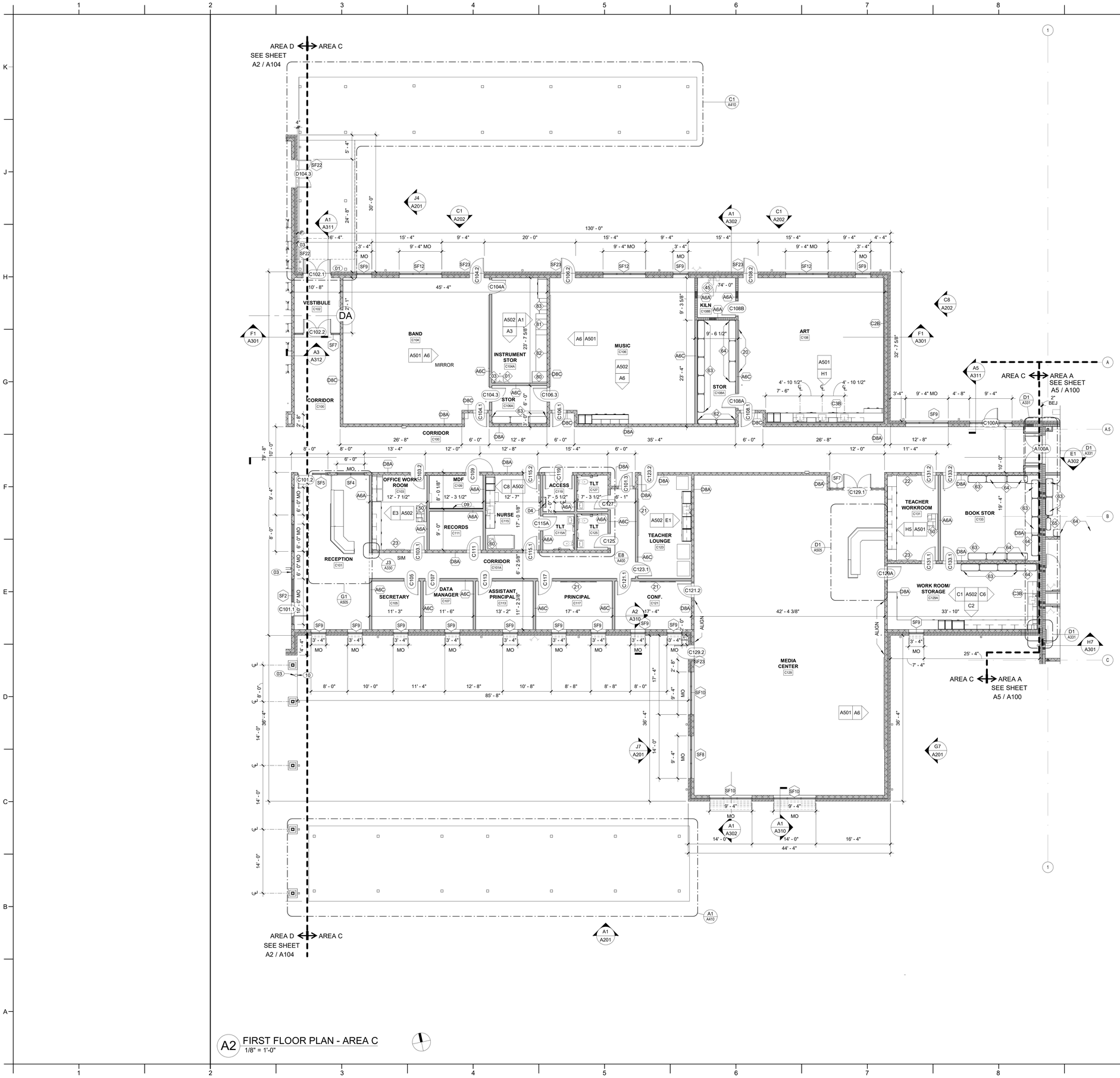
SHEET TITLE
FIRST FLOOR PLAN - AREA B - BID ALT NO. 2

A102



FLOOR PLAN KEY NOTES

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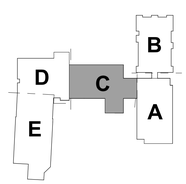

KEY PLAN-1ST FLOOR

NTS

A2 FIRST FLOOR PLAN - AREA C
1/8" = 1'-0"

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ROBERT C. STEVENSON 6214 RALEIGH, N.C.

DKA JOB NUMBER
2401

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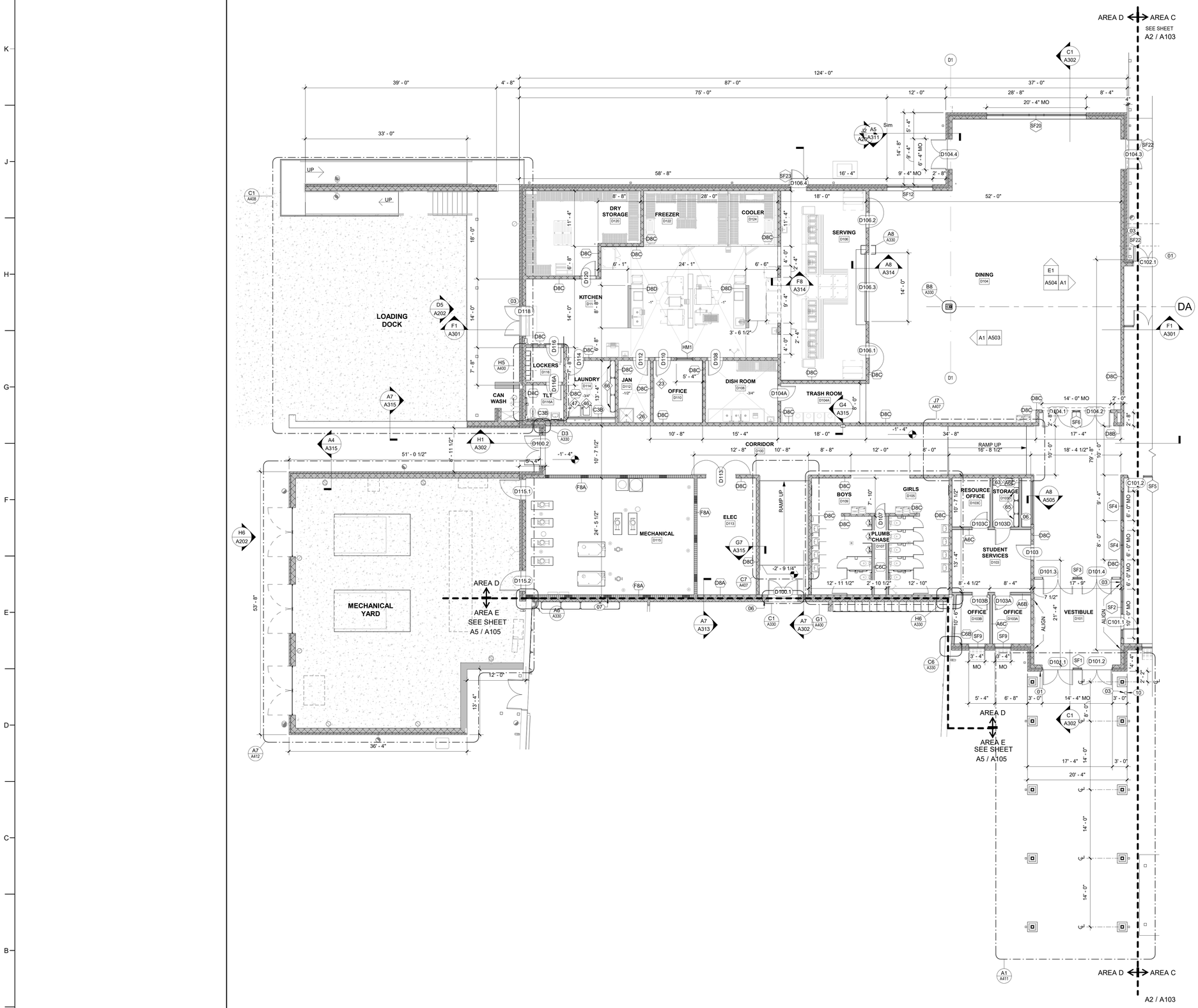
SHEET TITLE
FIRST FLOOR PLAN - AREA C

A103



A2 FIRST FLOOR PLAN - AREA D

1/8" = 1'-0"

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PROJECT INFORMATION

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FLOOR PLAN KEY NOTES

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09	4'x8' FRT PLYWOOD
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RATED ASSEMBLIES LEGEND

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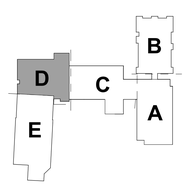

KEY PLAN-1ST FLOOR

NTS

SEALS

DKA JOB NUMBER

2401

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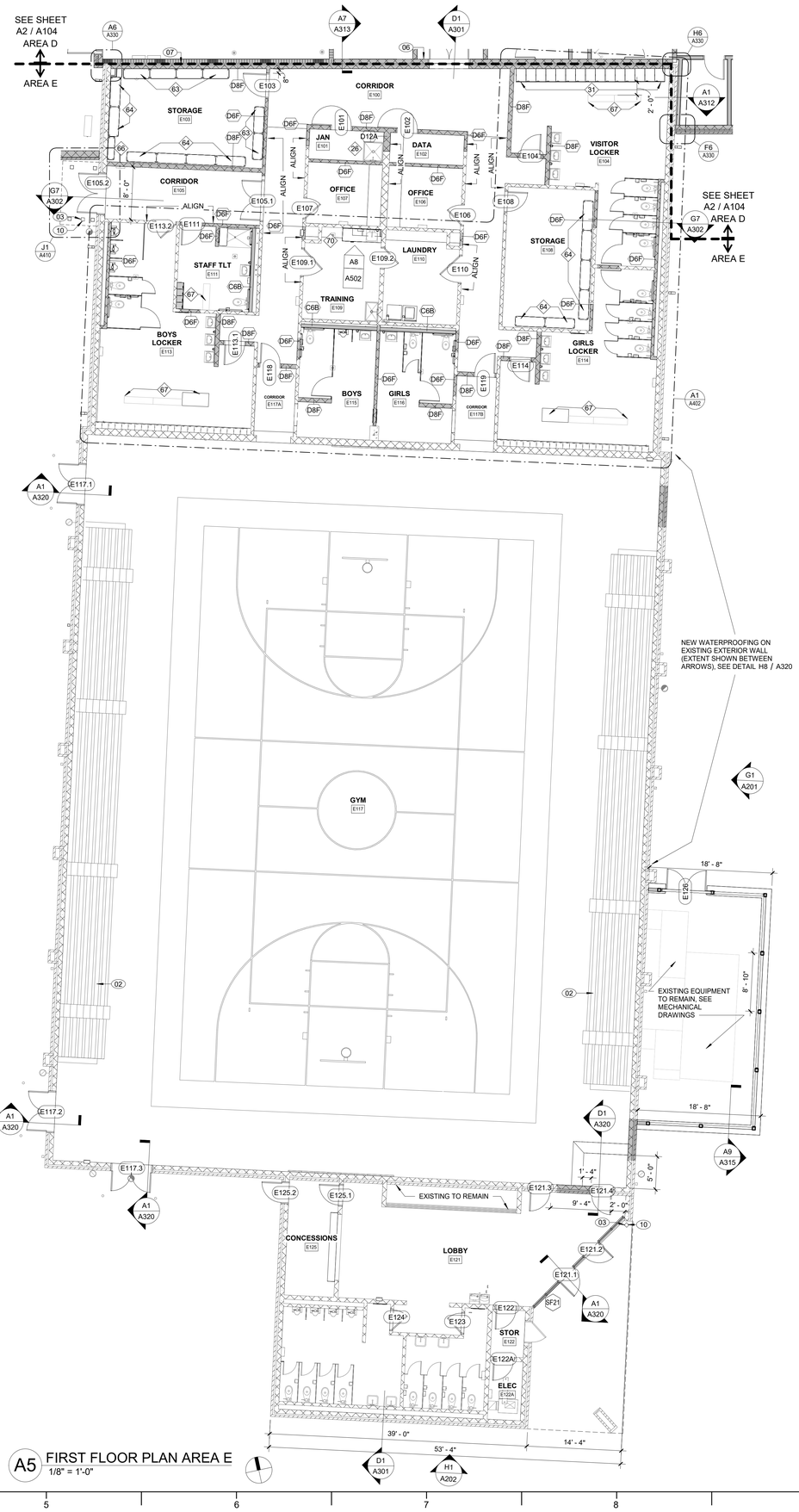
SHEET TITLE

FIRST FLOOR PLAN - AREA D

A104



A5 FIRST FLOOR PLAN AREA E
1/8" = 1'-0"

FLOOR PLAN KEY NOTES

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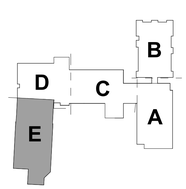

KEY PLAN-1ST FLOOR
NTS

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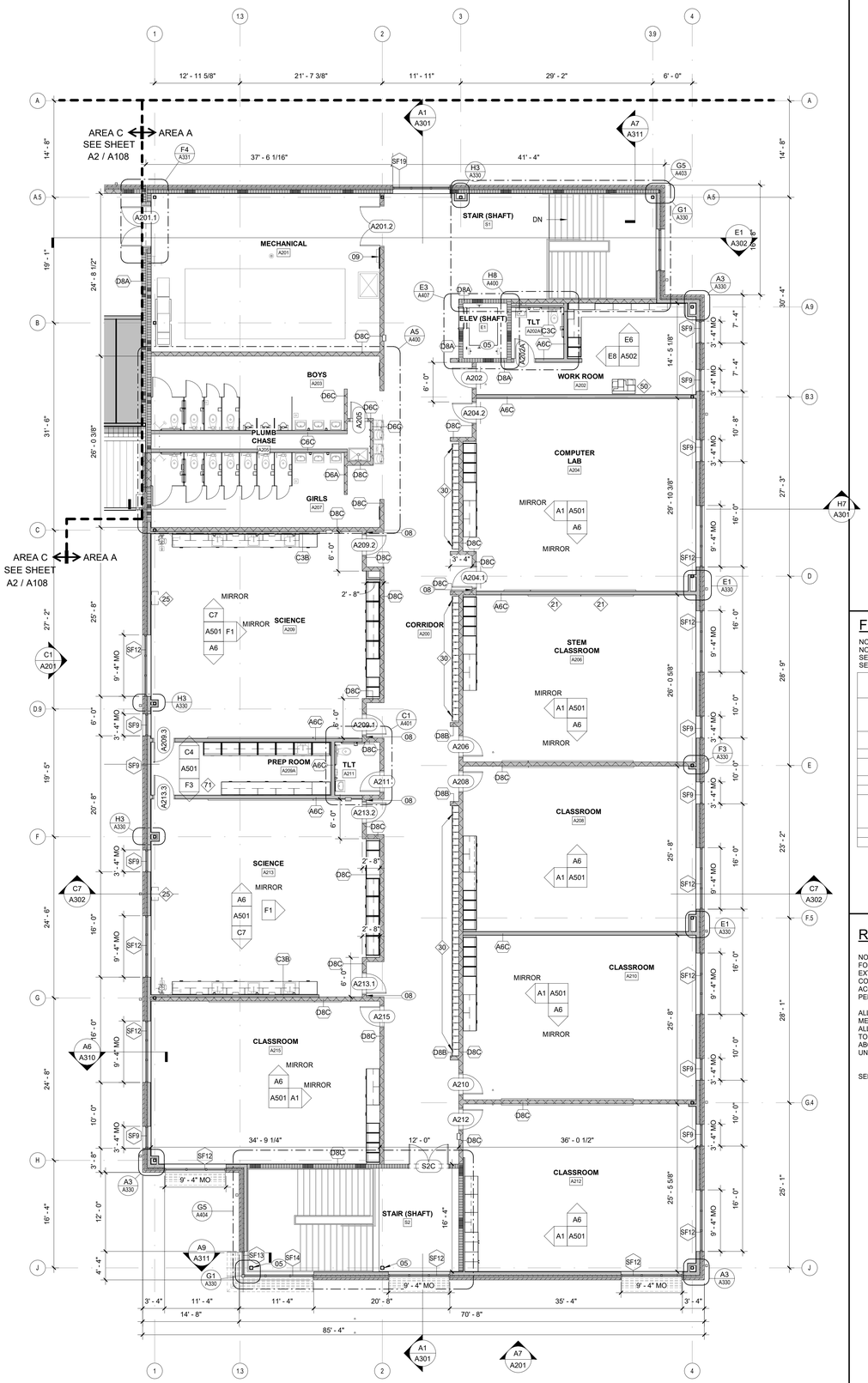
SHEET TITLE
FIRST FLOOR PLAN - AREA E

A105



A5 SECOND FLOOR PLAN - AREA A
1/8" = 1'-0"

FLOOR PLAN KEY NOTES

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05	AESS COLUMN, SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
06	ILLUMINATED DISPLAY CASE
07	CENTER WALL ON COLUMN CENTERLINE
08	4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT. TO ENSURE 18" MINIMUN FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL.
09	4'x8' FRT PLYWOOD
10	BOLLARD FOR CARD READER

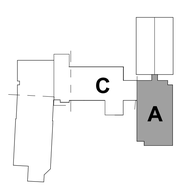
RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

ALL RATED ASSEMBLIES SHALL BE STENCILED WITH RATED WALL WARNING MESSAGE IN RED TO READ AS FOLLOWS: "____HOUR RATED FIRE BARRIER. SEAL ALL PENETRATIONS" WITH APPLICABLE HOUR RATING INSERTED. HOUR RATING TO BE AS NOTED ON PLANS. MESSAGE TO BE 4" MIN HIGH LETTERS, PLACED 12" ABOVE CEILING, SPACED AT 12'-0" OC ON BOTH SIDES OF WALLS AND ON UNDERSIDE OF HORIZONTAL RATED ASSEMBLIES.

SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

1-HR RATED FIRE BARRIER
2-HR RATED FIRE WALL
2-HR RATED FIRE BARRIER



KEY PLAN - 2ND FLOOR
NTS

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.daviskane.com

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

REVISIONS

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PM: BETH KING
Drawn By: LMY
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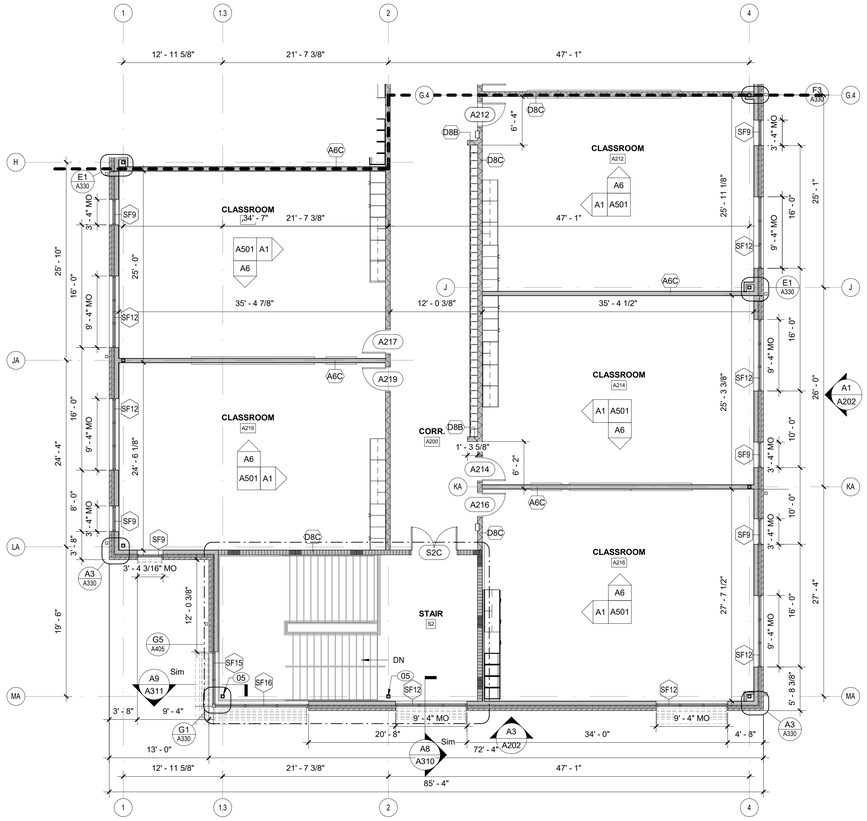
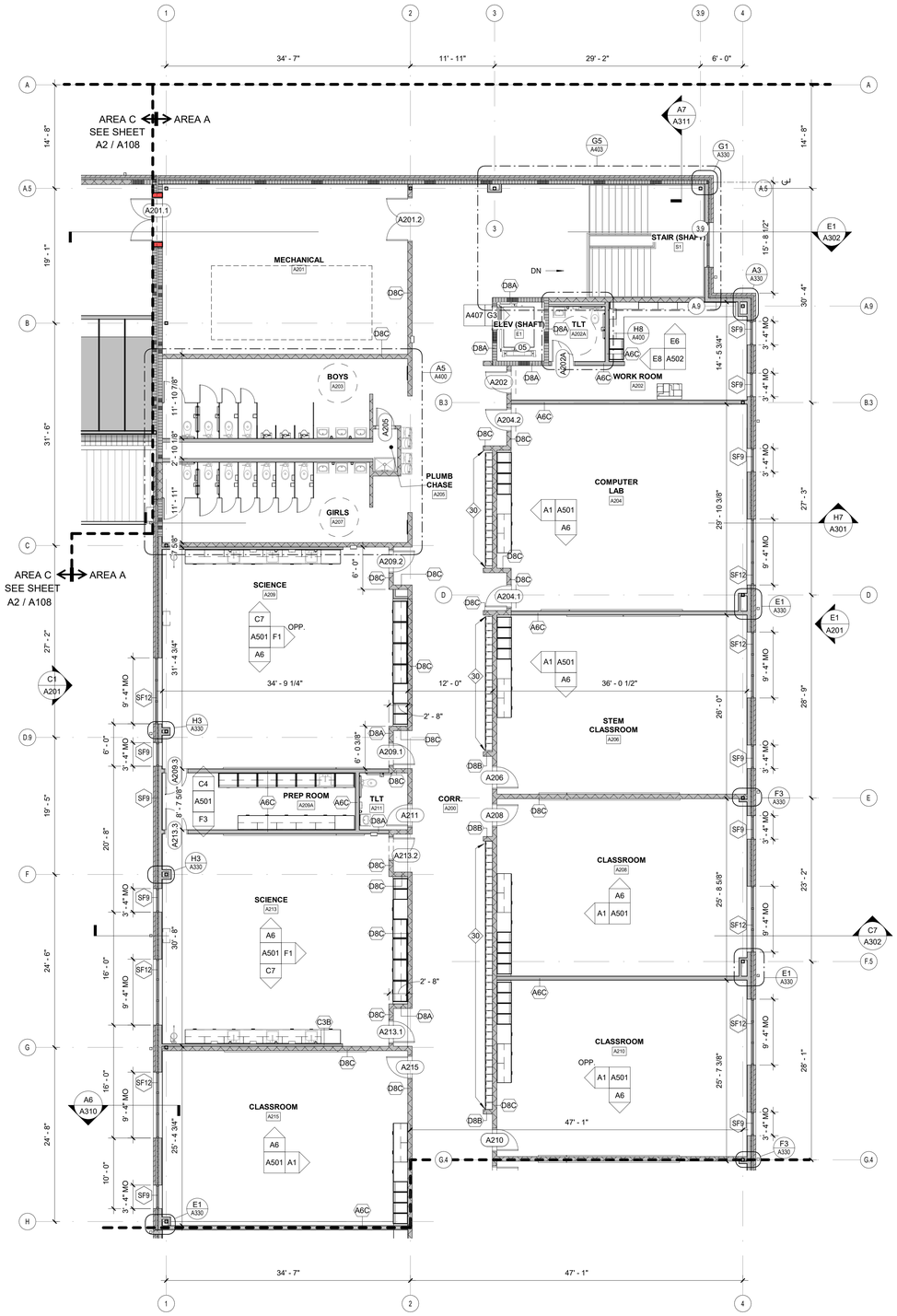
01/10/2025

SHEET TITLE
SECOND FLOOR PLAN - AREA A

A106



A1 SECOND FLOOR PLAN - AREA A2 - BID ALT NO. 1
1/8" = 1'-0"



A5 SECOND FLOOR PLAN - AREA A1 - BID ALT NO. 1
1/8" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS.
SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES.
SEE SHEET A000 FOR FF&E LEGEND.

01	LOCK BOX, FULLY RECESSED IN WALL. OPERATING PARTS SHALL BE 44" MAX AFF. COORDINATE EXACT LOCATION WITH FIRE MARSHAL.
02	FLOOR DRAIN LOCATION. SLOPE SLAB TO FLOOR DRAIN. DASHED LINE INDICATES EXTENTS OF SLOPED FLOOR (2'-0"), 1/4" PER FOOT SLOPE. SEE STRUCTURAL AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
03	CARD READER, SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
04	ROOF ACCESS LADDER.
05	AESS COLUMN, SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
06	ILLUMINATED DISPLAY CASE
07	CENTER WALL ON COLUMN CENTERLINE
08	4" FROM MASONRY OPENING TO INSIDE OF ADJACENT PERPENDICULAR WALL, EVEN WHERE NOT A MASONRY HEAD JOINT, TO ENSURE 18" MINIMUM FROM STRIKE SIDE OF DOOR TO INSIDE OF ADJACENT MASONRY WALL.
09	4'x8' FRT PLYWOOD
10	BOLLARD FOR CARD READER

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

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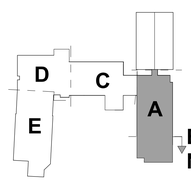
SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

1-HR RATED FIRE BARRIER
2-HR RATED FIRE WALL
2-HR RATED FIRE BARRIER



KEY PLAN - 2ND FLOOR
NTS

SEALS

DKA JOB NUMBER
2401

REVISIONS

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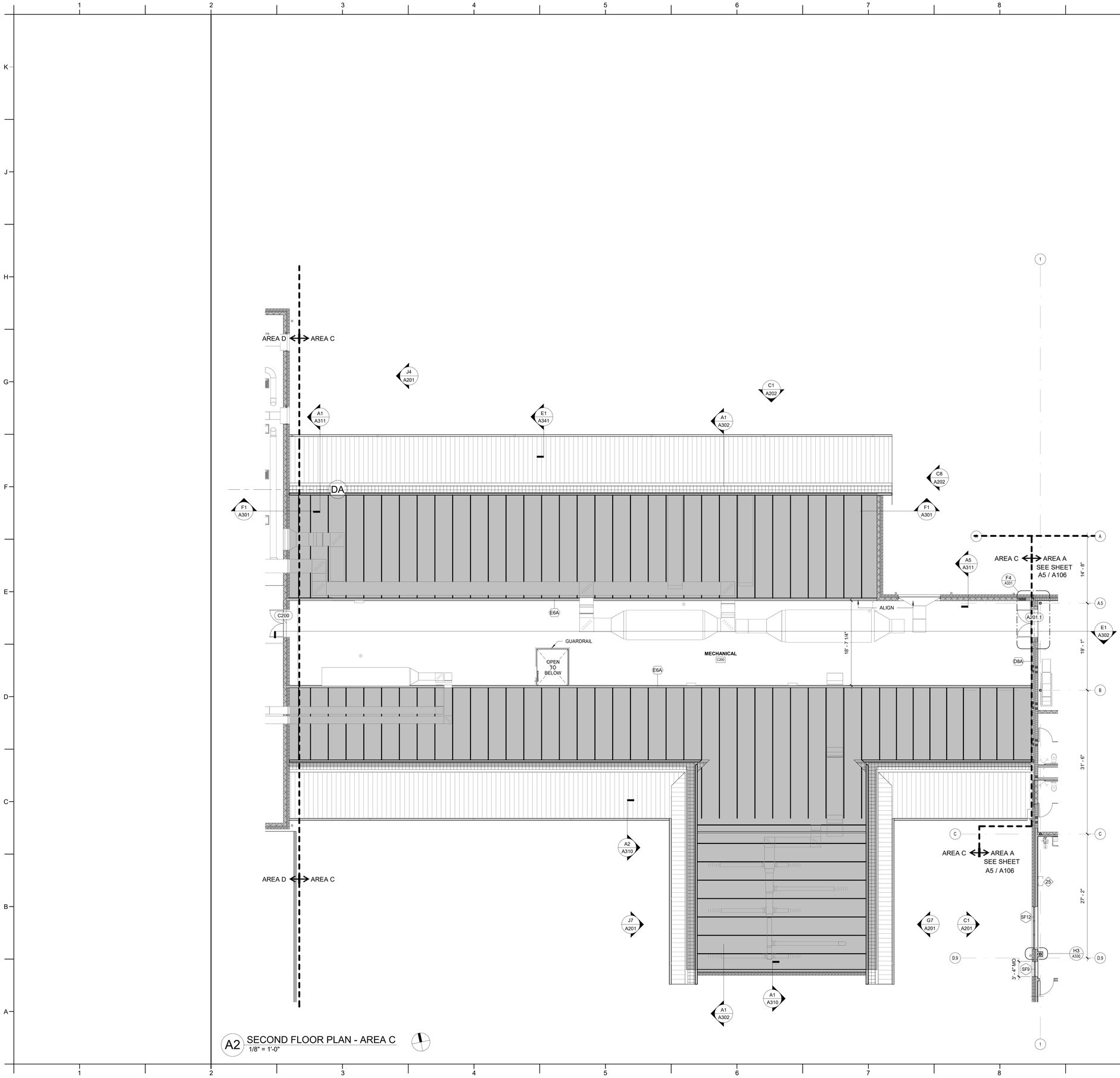
SHEET TITLE

SECOND FLOOR PLAN - AREA A - BID ALT NO. 1

A107



A2 SECOND FLOOR PLAN - AREA C
1/8" = 1'-0"

FLOOR PLAN KEY NOTES

NOTE: NOT ALL KEY NOTES BELOW ARE APPLICABLE TO THIS SHEET. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS.
SEE SHEET A000 FOR FLOOR PLAN GENERAL NOTES.
SEE SHEET A000 FOR FF&E LEGEND.

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03	CARD READER, SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
04	ROOF ACCESS LADDER.
05	AESS COLUMN, SEE STRUCTURAL FOR ADDITIONAL REQUIREMENTS.
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09	4'x8' FRT PLYWOOD
10	BOLLARD FOR CARD READER

RATED ASSEMBLIES LEGEND

NOTES: RATINGS ARE NOT SHOWN THROUGH DOORS FOR CLARITY. SEE A001 FOR PARTITION TYPES. SEE LIFE SAFETY PLANS ON G003 AND G004 FOR FULL EXTENT OF RATINGS, INCLUDING HORIZONTAL RATINGS. RATINGS ARE CONTINUOUS AROUND OPENINGS AND OPENINGS ARE TO BE PROTECTED IN ACCORDANCE WITH THE NC STATE BUILDING CODE. PROTECT ALL PENETRATIONS.

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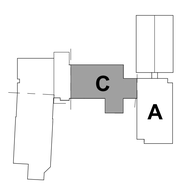
SEE G-SHEETS FOR RATED ASSEMBLIES AND ADDITIONAL INFORMATION.

1-HR RATED FIRE BARRIER
2-HR RATED FIRE WALL
2-HR RATED FIRE BARRIER



KEY PLAN - 2ND FLOOR
NTS

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WAYNE COUNTY PUBLIC SCHOOLS

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SEALS

DAVIS KANE ARCHITECTS, P.A. 50304 NORTH CAROLINA RALEIGH, N.C.

ROBERT C. STEVENSON 6214 1-10-25 NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
2401

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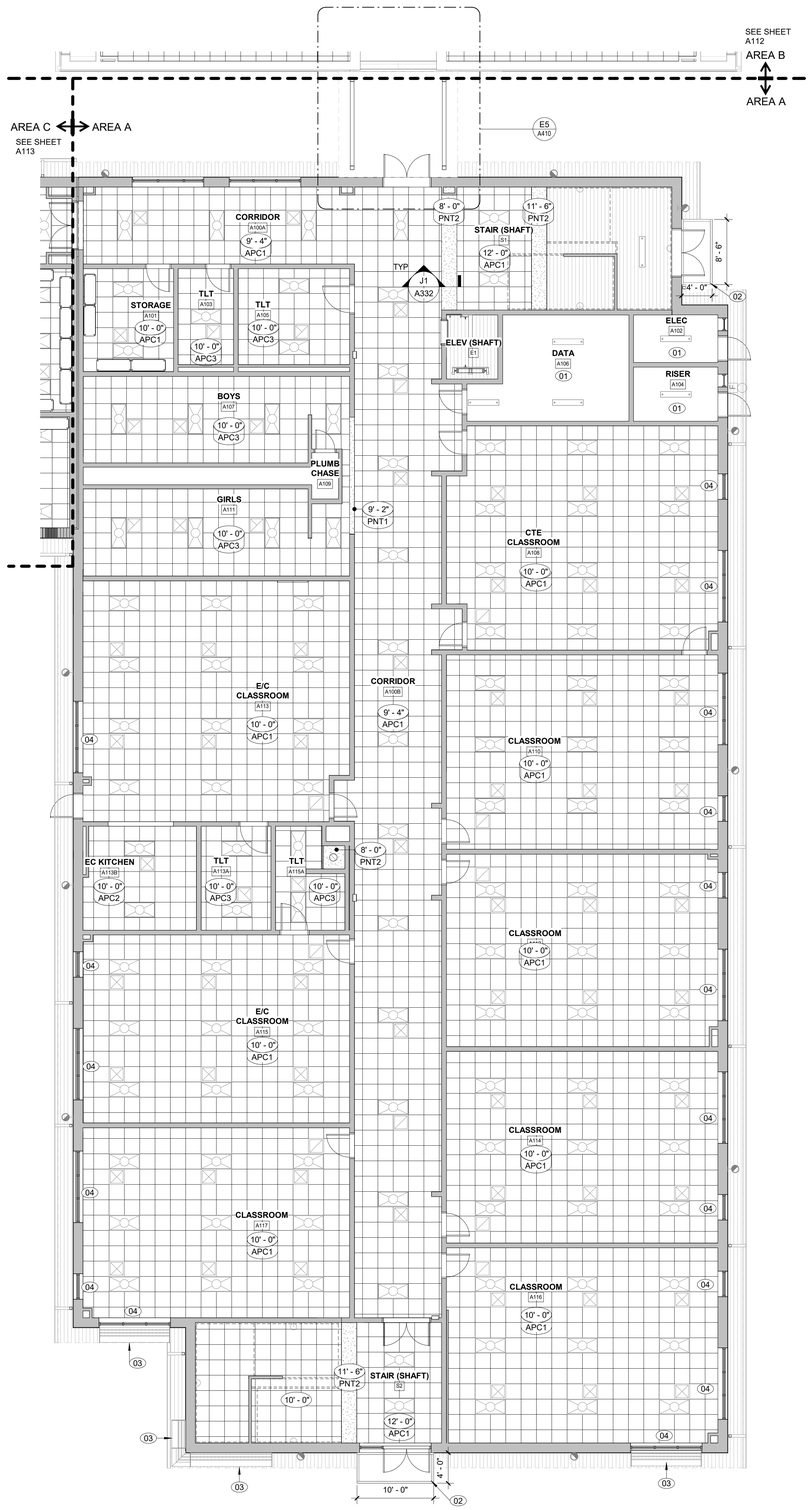
SHEET TITLE
SECOND FLOOR PLAN - AREA C

A108



A5 FIRST FLOOR RCP - AREA A
1/8" = 1'-0"

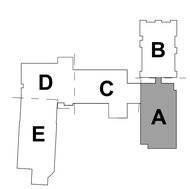
REFLECTED CEILING PLAN GENERAL NOTES:

1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2'x4' TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
3. MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
5. SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON I-SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
7. PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILING CONSTRUCTION AS INDICATED. WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 30'-0". VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
8. ALL GWB CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
9. CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UON
10. PAINT ALL EXPOSED GWB CEILINGS AND BULKHEADS.
11. SPRINKLER HEAD LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE FINAL AUTOMATIC SPRINKLER DESIGN AND DEVICE LOCATIONS WITH OTHER CEILING-MOUNTED EQUIPMENT AND DEVICES.

REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

Number	Description
01	WHERE NO CEILING IS SCHEDULED, PAINT ALL EXPOSED AND SEMI EXPOSED SURFACES, INCLUDING STRUCTURE, DECK, PIPING, DUCT, CONDUIT, BOXES, ETC. MASK AND PROTECT FROM PAINT THOSE ITEMS THAT WILL NOT PROPERLY FUNCTION WITH FIELD-APPLIED COATINGS, INCLUDING SPRINKLER HEADS, CONTROLS, LEVERS, VALVES, SENSORS, ETC.
02	PREFAB ALUMINUM DOOR CANOPY
03	ALUMINUM SUNSHADE
04	HORIZONTAL LOUVER BLINDS



KEY PLAN-1ST FLOOR
NTS

DAVIS KANE
ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.daviskane.com

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. 50304 NORTH CAROLINA RALEIGH, N.C.

ROBERT C. STEVENSON 6214 1-10-25 NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
2401

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Drawn By: VK
Plot Date: 1/16/2025 5:34:33 AM

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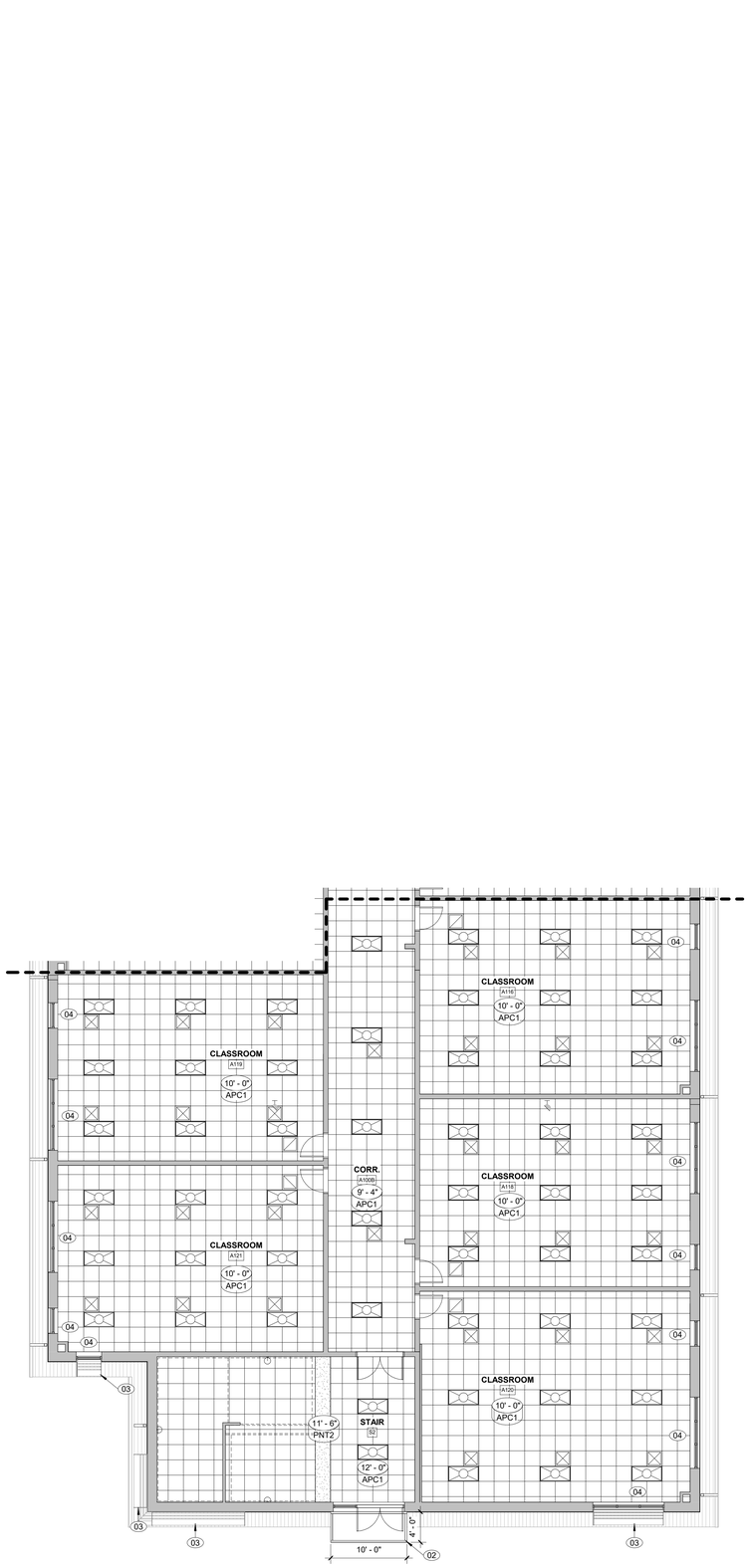
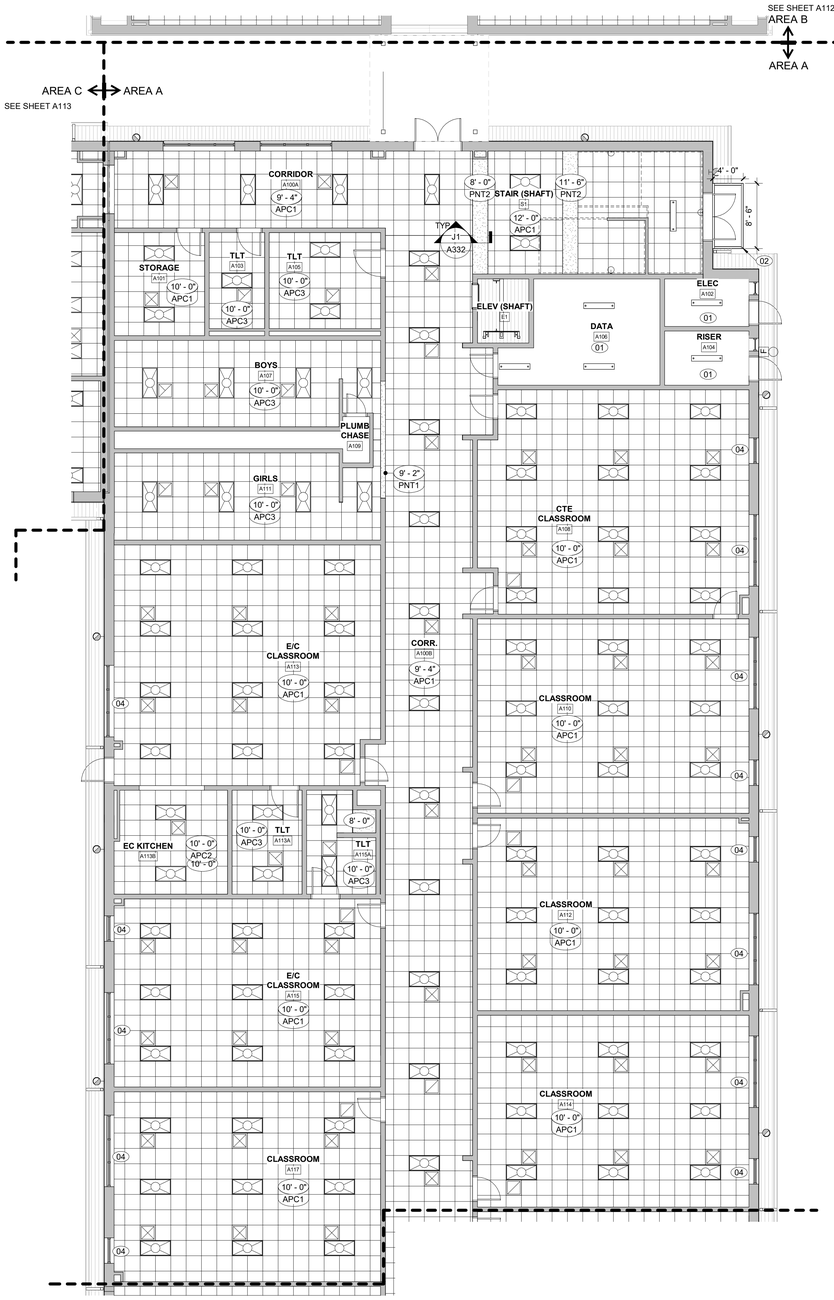
01/10/2025

SHEET TITLE
FIRST FLOOR RCP - AREA A

A110



A1 FIRST FLOOR ALT RCP - AREA A2 - BID ALT NO. 1
1/8" = 1'-0"



A5 FIRST FLOOR ALT RCP - AREA A1 - BID ALT NO. 1
1/8" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES:

1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2'x4' TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
3. MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
5. SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON I-SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
7. PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILING CONSTRUCTION AS INDICATED. WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 30'-0". VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
8. ALL GWB CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
9. CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UON
10. PAINT ALL EXPOSED GWB CEILINGS AND BULKHEADS.
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REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

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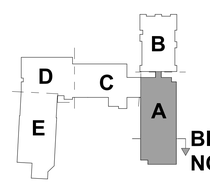
02	PREFAB ALUMINUM DOOR CANOPY
03	ALUMINUM SUNSHADE
04	HORIZONTAL LOUVER BLINDS



BID ALT NO. 1

KEY PLAN - 1ST FLOOR ALT
NTS

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PM: BETH KING
Drawn By: VK
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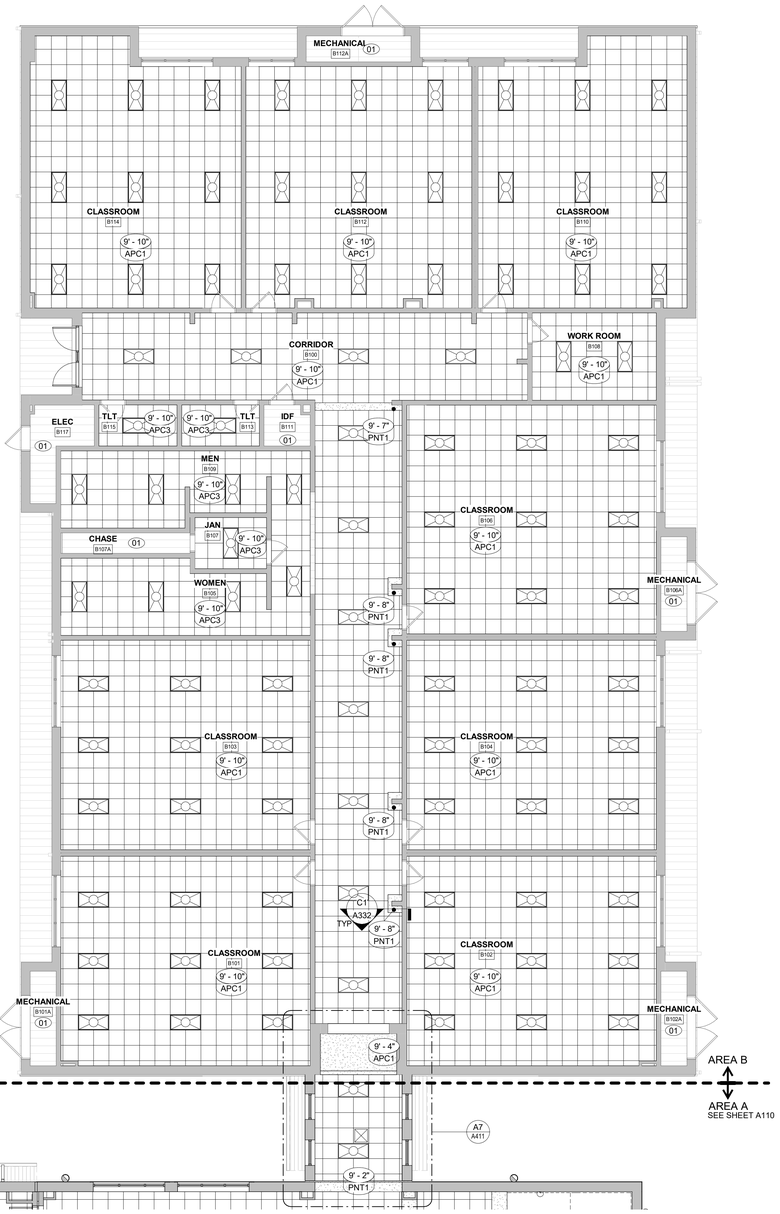
DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

FIRST FLOOR RCP - AREA A - BID ALT NO. 1

A111



A1 FIRST FLOOR RCP - AREA B - BID ALT NO. 2
1/8" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES:

1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2'x4' TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
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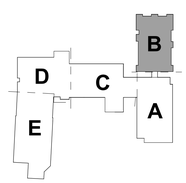

KEY PLAN-1ST FLOOR
NTS

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.daviskane.com

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. 50304 RALEIGH, N.C.

ROBERT C. STEVENSON 6214 10-25 NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
2401

REVISIONS

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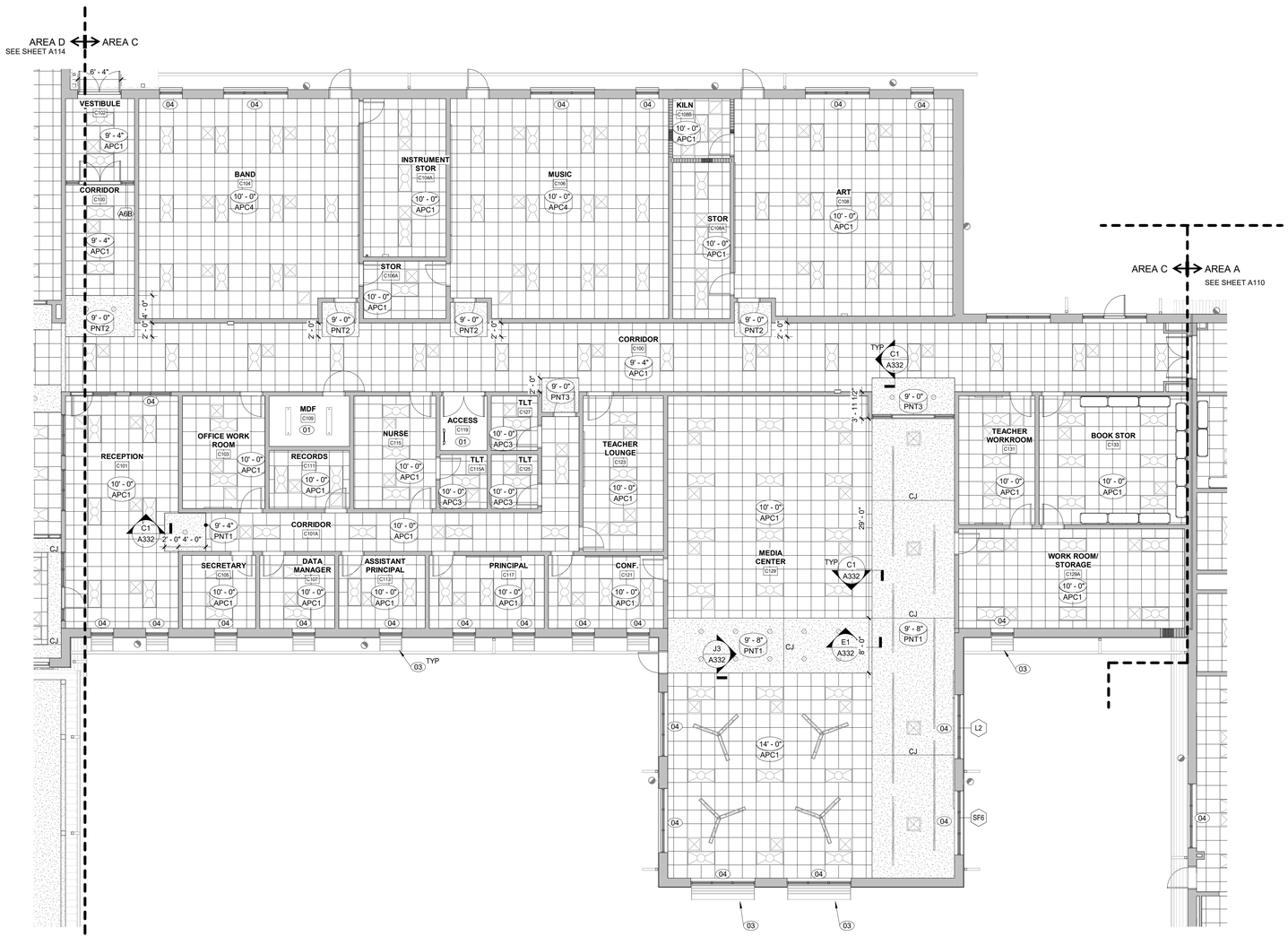
PM: BETH KING
Drawn By: VK
Plot Date: 1/16/2025 5:34:39 AM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE
FIRST FLOOR RCP - AREA B - BID ALT NO. 2

A112



A2 FIRST FLOOR RCP - AREA C
1/8" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES:

1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2'x4' TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
3. MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
5. SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON I-SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
7. PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILING CONSTRUCTION AS INDICATED. WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 30'-0". VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
8. ALL GWB CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
9. CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UON
10. PAINT ALL EXPOSED GWB CEILINGS AND BULKHEADS.
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REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

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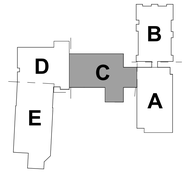
02	PREFAB ALUMINUM DOOR CANOPY
03	ALUMINUM SUNSHADE
04	HORIZONTAL LOUVER BLINDS



KEY PLAN-1ST FLOOR
NTS

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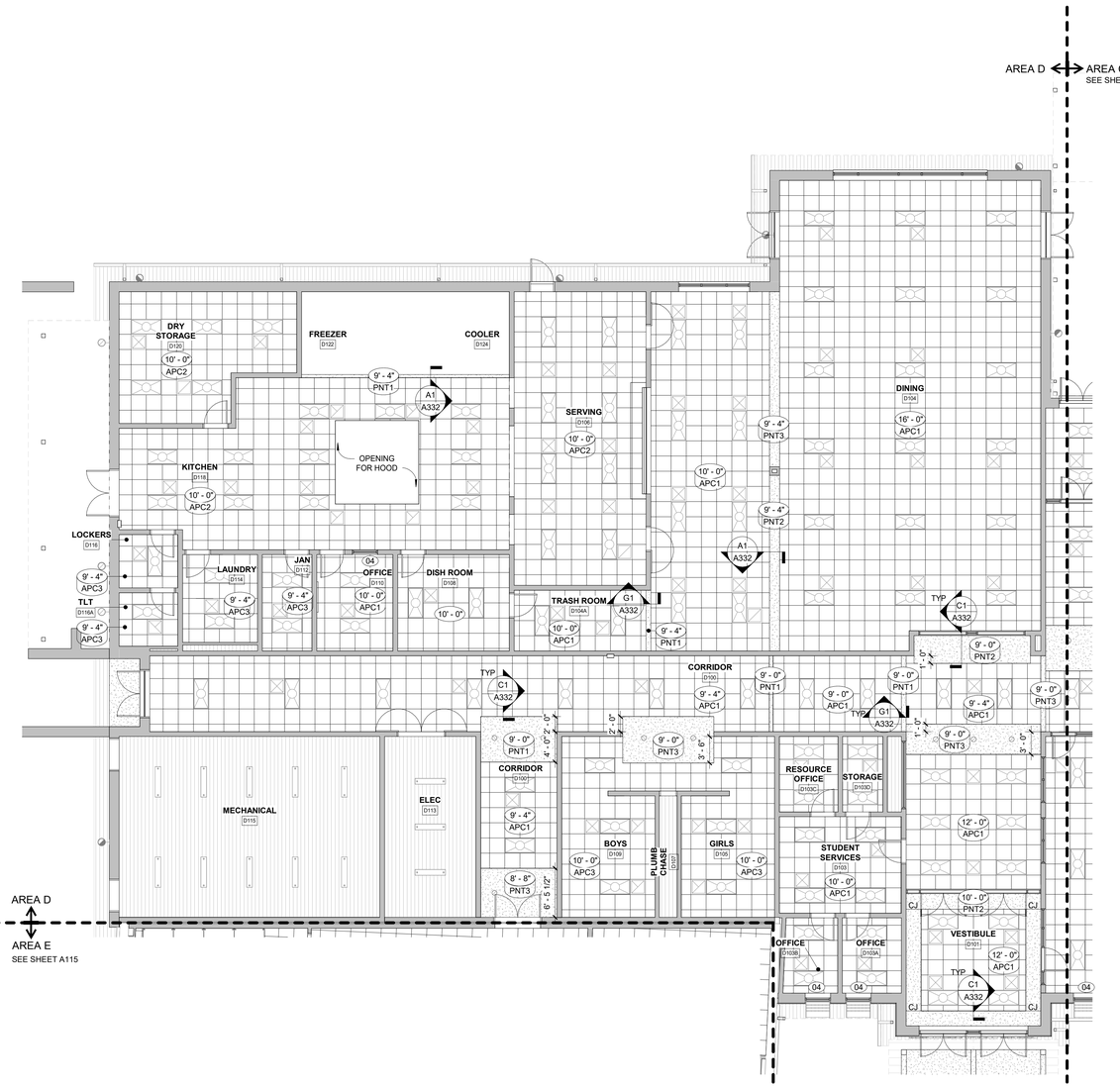
SHEET TITLE
FIRST FLOOR RCP - AREA C

A113



A3 FIRST FLOOR RCP - AREA D
1/8" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES:

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REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

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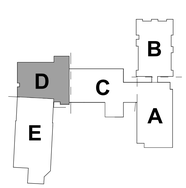

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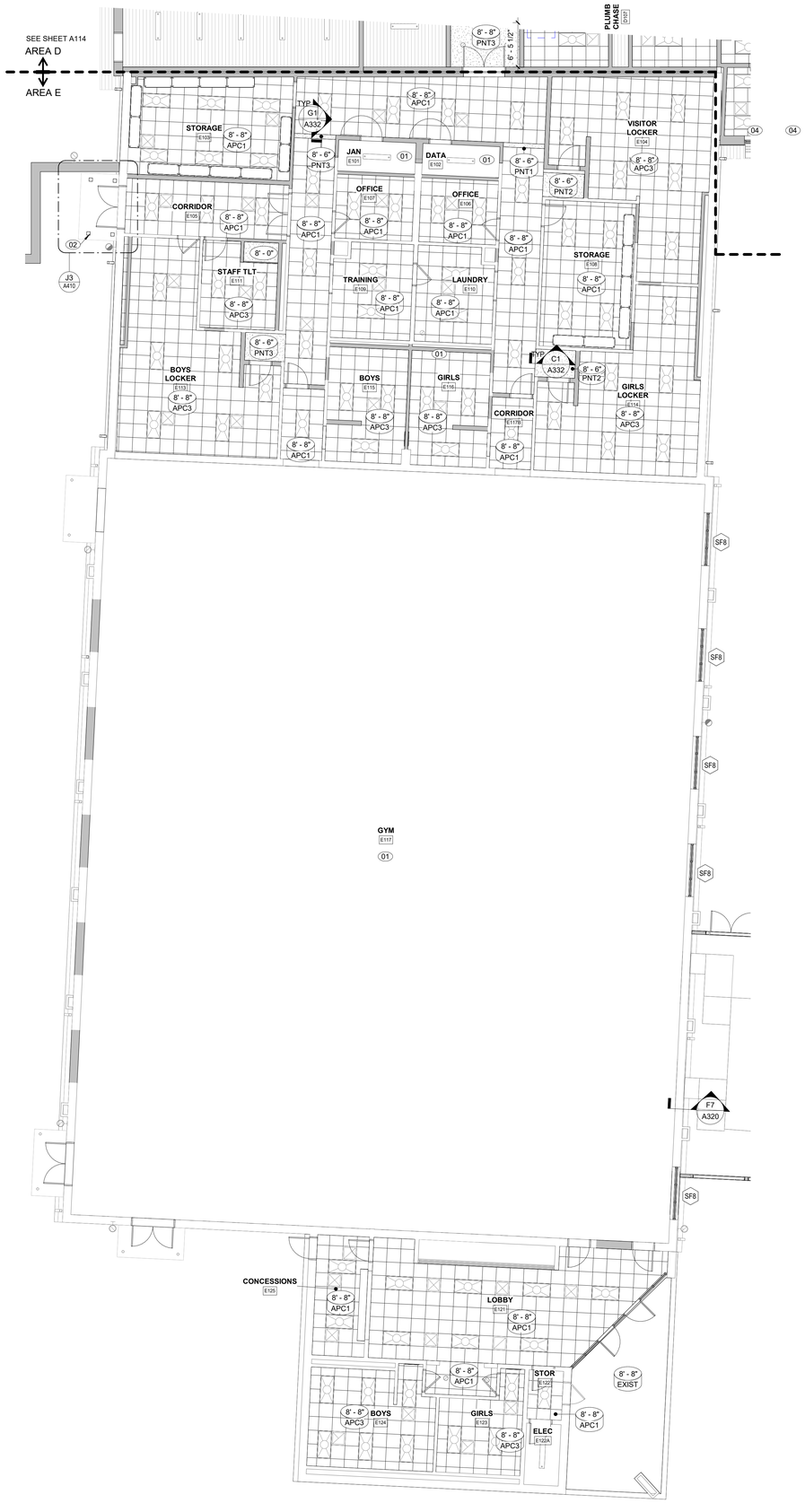
SHEET TITLE
FIRST FLOOR RCP - AREA D

A114



A5 FIRST FLOOR RCP - AREA E
1/8" = 1'-0"

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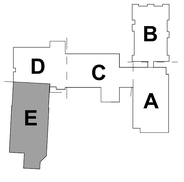

KEY PLAN-1ST FLOOR
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ROBERT C. STEVENSON REGISTERED ARCHITECT 6214 SOUTH CAROLINA RALEIGH, N.C.

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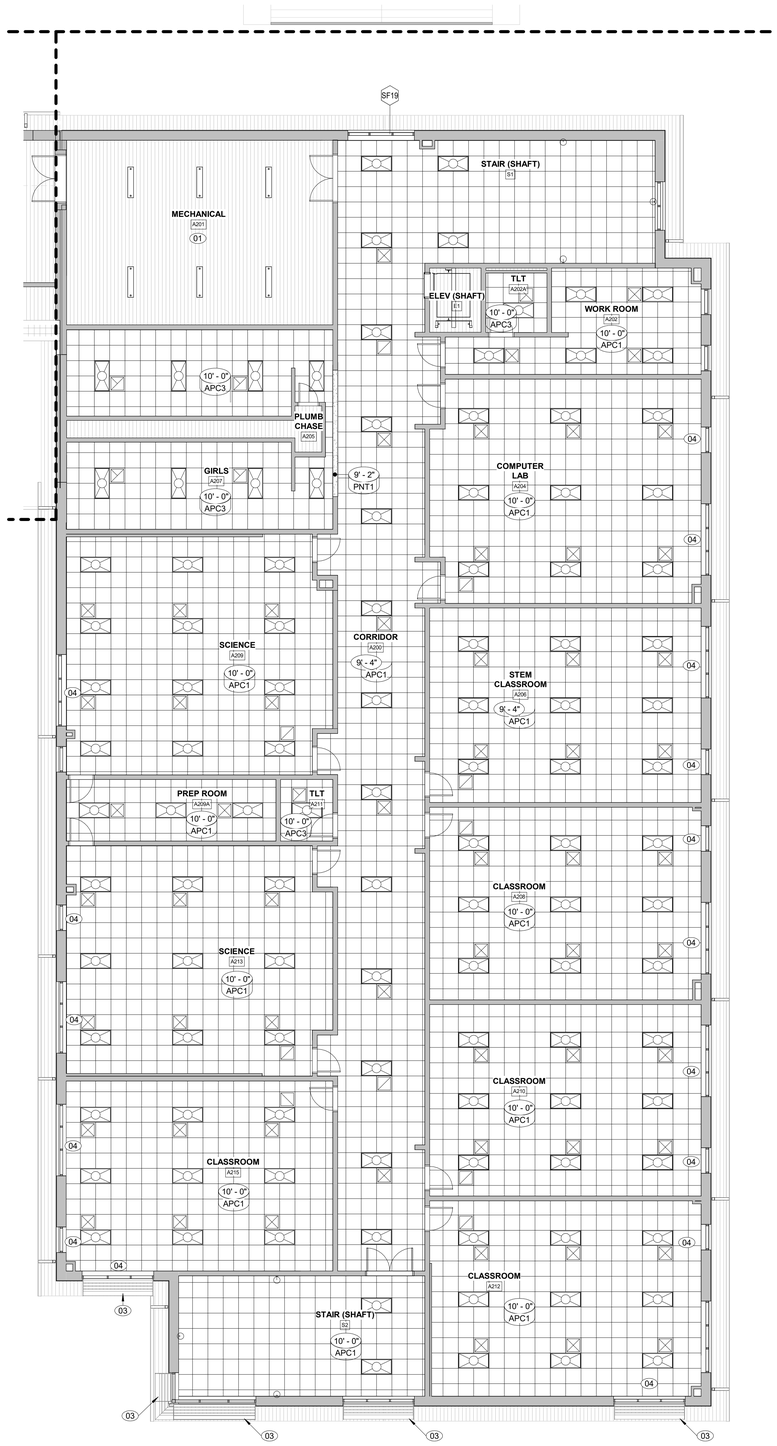
SHEET TITLE
FIRST FLOOR RCP - AREA E

A115



A4 SECOND FLOOR RCP - AREA A
1/8" = 1'-0"

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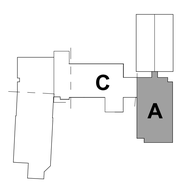

KEY PLAN - 2ND FLOOR
NTS

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DKA JOB NUMBER
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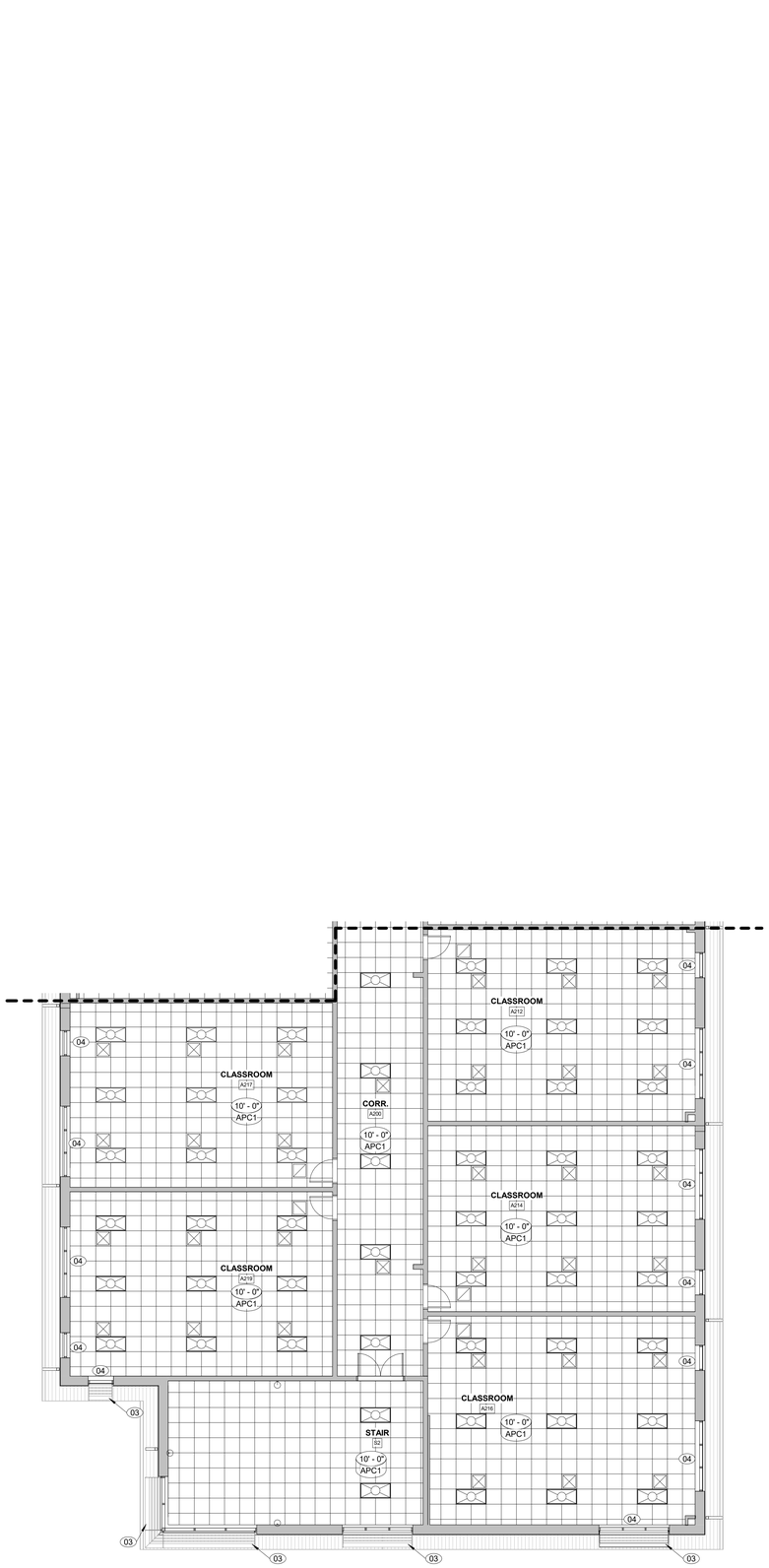
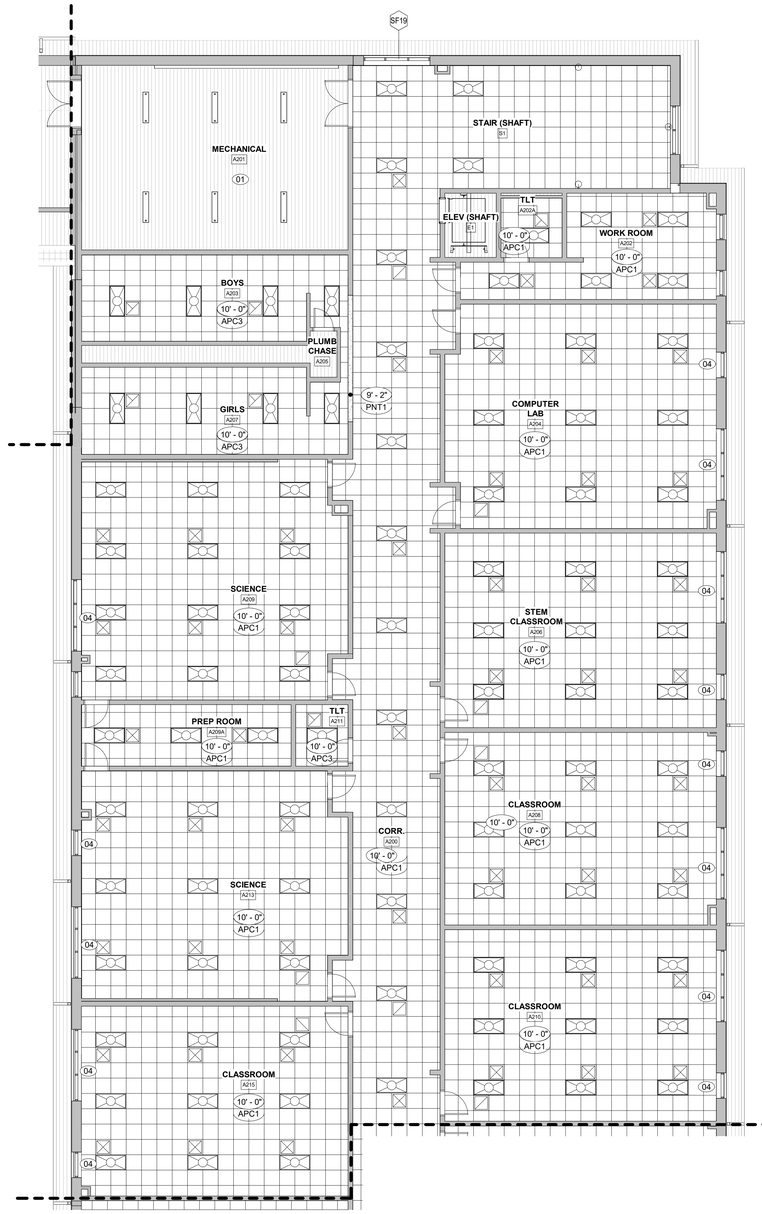
SHEET TITLE
SECOND FLOOR RCP - AREA A

A116



A1 SECOND FLOOR RCP - AREA A2 - BID ALT NO. 1
1/8" = 1'-0"



A5 SECOND FLOOR RCP - AREA A1 - BID ALT NO. 1
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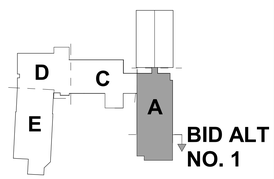

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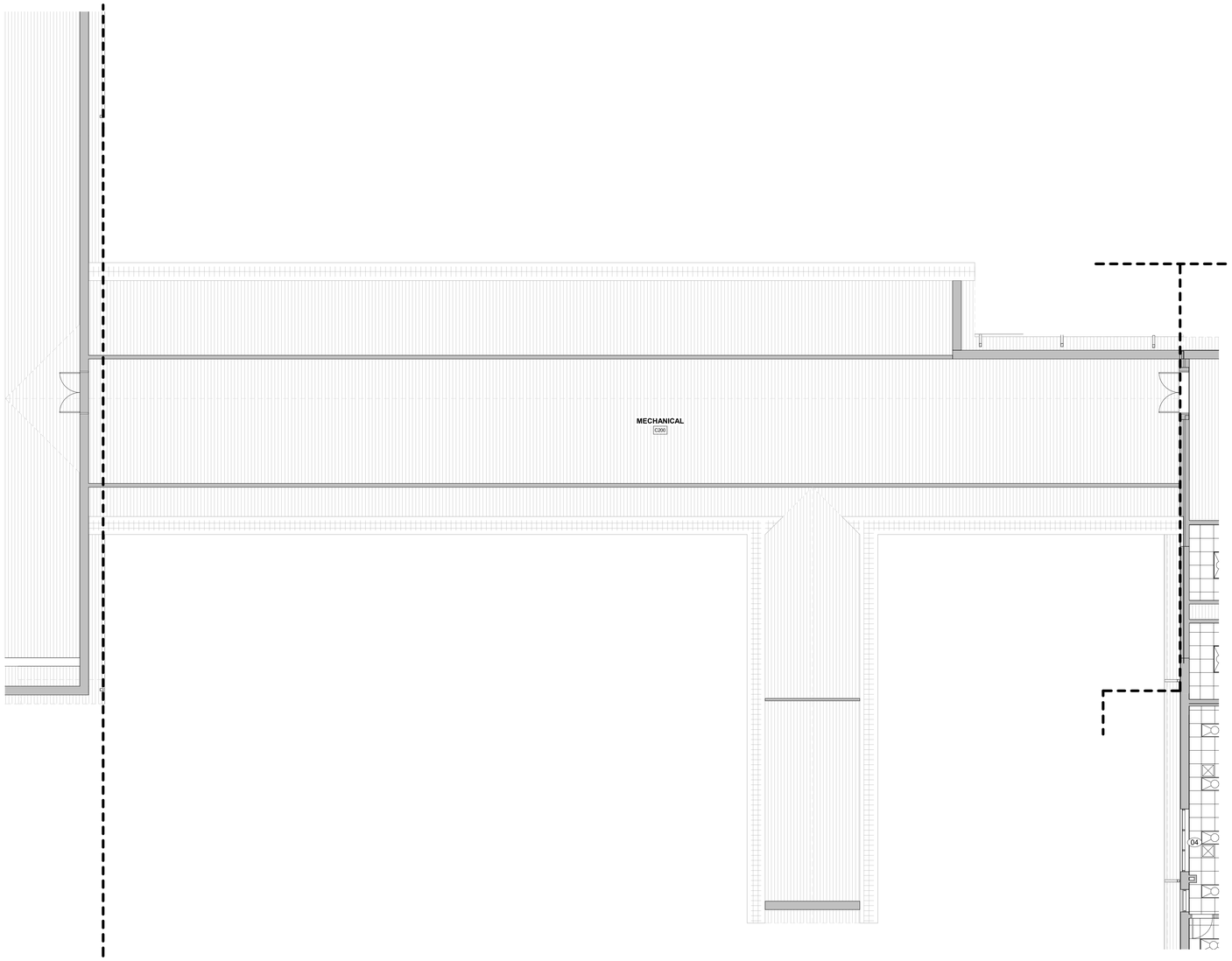
SHEET TITLE
SECOND FLOOR RCP - AREA A - BID ALT NO. 1

A117



A3 SECOND FLOOR RCP - AREA C
1/8" = 1'-0"

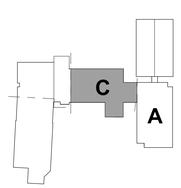
REFLECTED CEILING PLAN GENERAL NOTES:

1. CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN, UNLESS DIMENSIONED OTHERWISE.
2. DOUBLE CEILING TRACK AT THE EDGE OF ANY LAY-IN AREAS IS NOT ACCEPTABLE. PROVIDE A 2'x4' TILE CUT TO FIT THE LARGER OPENING WHERE A STRIP OF TILE LESS THAN 2 1/2" IN EITHER DIRECTION WOULD HAVE TO BE USED, TYP.
3. MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND AV COMPONENTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. SEE PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND PLUMBING WORK ABOVE CEILING, IN ORDER TO PROVIDE FINISHED CEILINGS AT HEIGHTS REQUIRED ON CEILING PLAN.
5. SEE INTERIOR FINISHES SCHEDULE AND INTERIOR FINISHES PLANS ON I-SHEETS FOR ADDITIONAL CEILING INFORMATION AND REQUIREMENTS.
6. SEE SECTIONS AND INTERIOR ELEVATIONS FOR BULKHEAD DIMENSIONS NOT NOTED ON REFLECTED CEILING PLANS AND DETAILS.
7. PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILING CONSTRUCTION AS INDICATED. WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 30'-0". VERIFY FINAL CONTROL JOINT LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK WHETHER OR NOT INDICATED ON THE DRAWINGS.
8. ALL GWB CONTROL JOINTS ARE TO RUN HORIZONTALLY AS SHOWN ON REFLECTED CEILING PLANS AND VERTICALLY UP THE FACE OF THE BULKHEAD.
9. CENTER PENETRATIONS IN ACOUSTICAL CEILING SYSTEMS WITHIN INDIVIDUAL CEILING PANELS, SUCH AS SPRINKLER HEADS, DIFFUSERS, LIGHT FIXTURES, ETC. UON
10. PAINT ALL EXPOSED GWB CEILINGS AND BULKHEADS.
11. SPRINKLER HEAD LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE FINAL AUTOMATIC SPRINKLER DESIGN AND DEVICE LOCATIONS WITH OTHER CEILING-MOUNTED EQUIPMENT AND DEVICES.

REFLECTED CEILING PLAN KEY NOTES

NOTE: KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS. SEE PLANS FOR KEYED ITEM LOCATIONS. SEE SHEET A00.05 FOR REFLECTED CEILING PLAN GENERAL NOTES, REFLECTED CEILING PLAN LEGEND AND FF&E LEGEND.

Number	Description
01	WHERE NO CEILING IS SCHEDULED, PAINT ALL EXPOSED AND SEMI EXPOSED SURFACES, INCLUDING STRUCTURE, DECK, PIPING, DUCT, CONDUIT, BOXES, ETC. MASK AND PROTECT FROM PAINT THOSE ITEMS THAT WILL NOT PROPERLY FUNCTION WITH FIELD-APPLIED COATINGS, INCLUDING SPRINKLER HEADS, CONTROLS, LEVERS, VALVES, SENSORS, ETC.
02	PREFAB ALUMINUM DOOR CANOPY
03	ALUMINUM SUNSHADE
04	HORIZONTAL LOUVER BLINDS



KEY PLAN - 2ND FLOOR
NTS

DAVIS KANE ARCHITECTS, PA
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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. — REGISTERED ARCHITECTURAL CORPORATION — 50304 — NORTH CAROLINA — RALEIGH, N.C.

ROBERT C. STEVENSON — REGISTERED ARCHITECT — 6214 — NORTH CAROLINA — RALEIGH, N.C. — 1-10-25

DKA JOB NUMBER
2401

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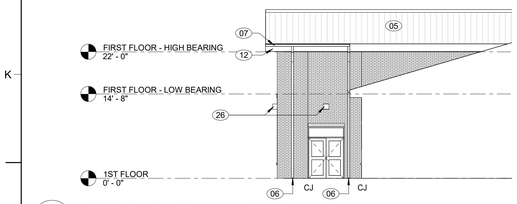
PM: BETH KING
Drawn By: VK
Plot Date: 1/16/2025 5:34:58 AM

DATE ISSUED

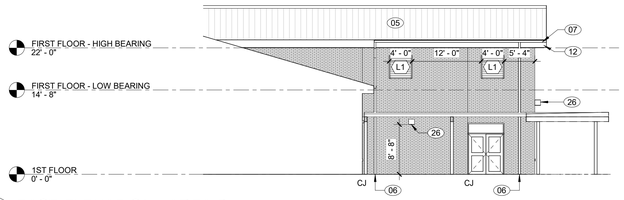
BID DOCUMENTS
01/10/2025

SHEET TITLE
SECOND FLOOR RCP - AREA C

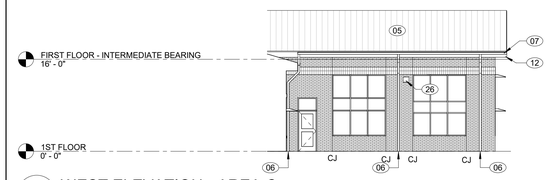
A118



J2 WEST ELEVATION - AREA D
3/32" = 1'-0"



J4 EAST ELEVATION - AREA D
3/32" = 1'-0"



J7 WEST ELEVATION - AREA C
3/32" = 1'-0"

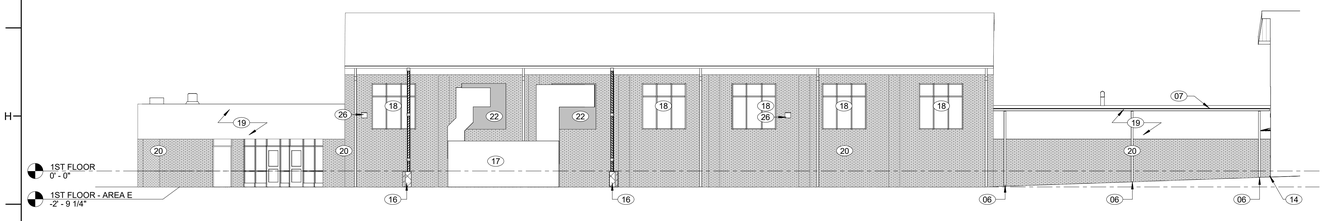
EXTERIOR ELEVATION GENERAL NOTES:

1. FOR SYMBOLS LEGEND, SEE A000.
2. PROVIDE CONTROL JOINTS (CJ) IN MASONRY CONSTRUCTION AS INDICATED.
3. PROVIDE CONTROL JOINTS (CJ) AT ALL INSIDE CORNERS.
4. VERIFY FINAL CONTROL JOINT (CJ) LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.
5. AIR BARRIER AND ASSOCIATED FLASHING SHALL BE CONTINUOUS AND UNBROKEN AT ALL SURFACES OF WALL MEMBRANE TO BE FLASHED TO ALL OTHER COMPONENTS AND ASSEMBLIES TO PROVIDE AIR-TIGHT CONDITION.

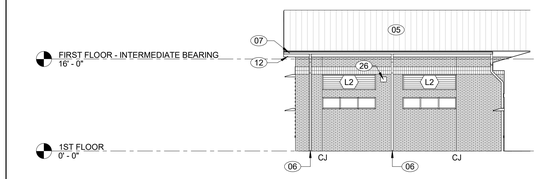
EXTERIOR ELEVATIONS KEY NOTES

NOTE: SEE ELEVATIONS FOR KEYED ITEM LOCATIONS. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS.

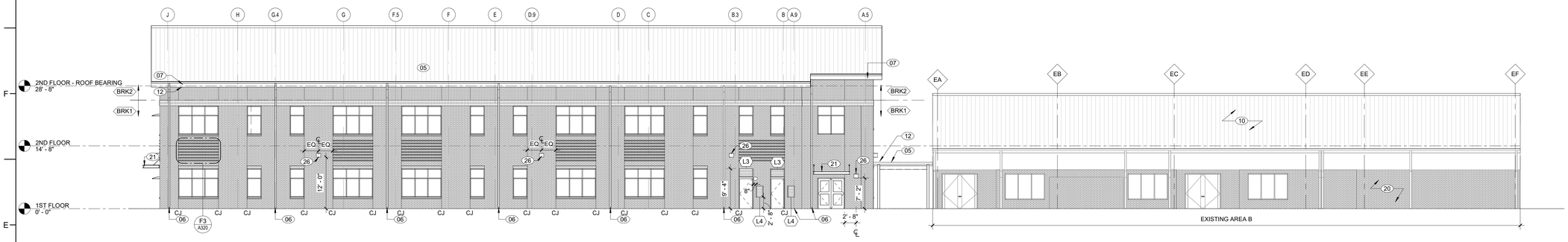
01	BRICK VENEER, COLOR 1.
02	BRICK VENEER, COLOR 2.
03	BRICK VENEER, DOUBLE SOLDIER COURSE, GRAY.
04	ACM METAL PANEL.
05	STANDING SEAM METAL ROOF.
06	DOWNSPOUT.
07	GUTTER.
08	METAL COPING.
09	14" ALUMINUM DIMENSIONAL LETTERING SIGNAGE.
10	EXISTING STANDING SEAM METAL ROOF.
11	DECORATIVE METAL SCREEN WALL.
11	GUTTER.
12	METAL FASCIA - COLOR TO MATCH STANDING SEAM ROOF.
13	PREFABRICATED METAL CANOPY WITH INTERNAL DRAINAGE COLUMN SYSTEM.
14	EXTERIOR EXPANSION JOINT COMPRESSION SEAL.
15	SCUPPER OVERFLOW (TO MATCH BRICK COLOR).
16	LOUVER SCREEN WALL ON BRICK ON CMU BASE.
17	EXISTING MECHANICAL UNIT AND EXTERIOR DUCT WORK TO REMAIN.
18	NEW ALUMINUM STOREFRONT - FINAL DIMENSIONS TO BE FIELD VERIFIED WITH EXISTING OPENING.
19	EXISTING EIFS TO BE CLEANED.
20	EXISTING BRICK TO REMAIN. CONTRACTOR TO CLEAN PRIOR TO FINAL COMPLETION AND REPAIR ANY DAMAGE DURING CONSTRUCTION.
21	NEW PREFABRICATED ALUMINUM CANOPY.
22	NEW ALUMINUM STOREFRONT FRAME WITH SPANDREL PANELS.
23	WALK-IN FREEZER CONDENSING UNIT.
24	BRICK INFILL. TOOTHED IN TO MATCH EXISTING. REFER TO STRUCTURAL
25	DOCK BUMPERS
26	EXTERIOR LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
27	GRAVITY ROOF VENTILATOR , REF TO MECHANICAL.



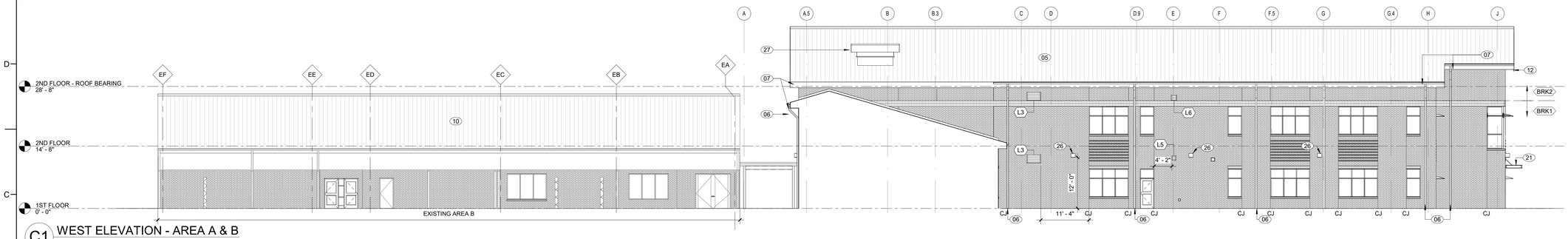
G1 EAST ELEVATION - AREA E
3/32" = 1'-0"



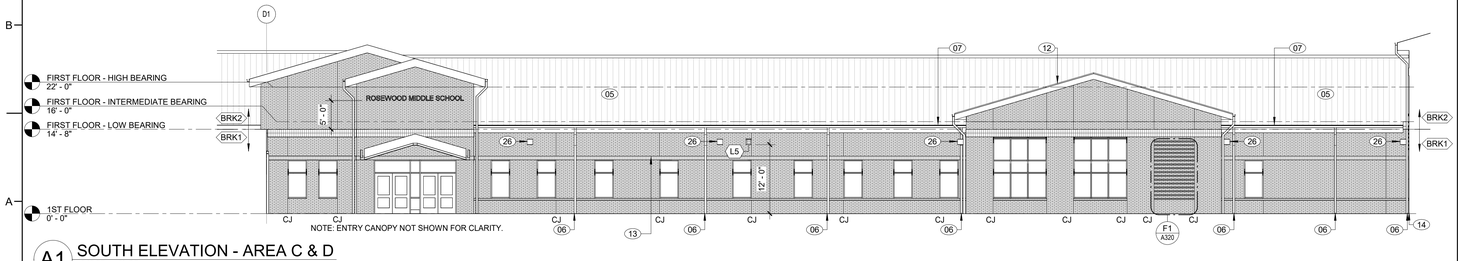
G7 EAST ELEVATION - AREA C
3/32" = 1'-0"



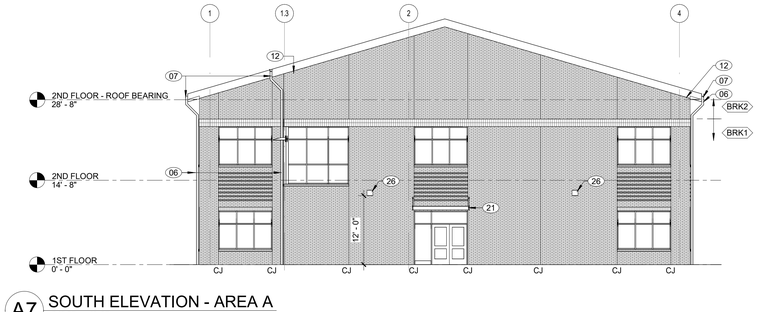
E1 EAST ELEVATION - AREA A & B
3/32" = 1'-0"



C1 WEST ELEVATION - AREA A & B
3/32" = 1'-0"



A1 SOUTH ELEVATION - AREA C & D
3/32" = 1'-0"



A7 SOUTH ELEVATION - AREA A
3/32" = 1'-0"

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SEALS

DAVIS KANE ARCHITECTS, P.A. 50304 NORTH CAROLINA RALEIGH, N.C.

ROBERT C. STEVENSON 6214 1-10-25 NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
2401

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BID DOCUMENTS
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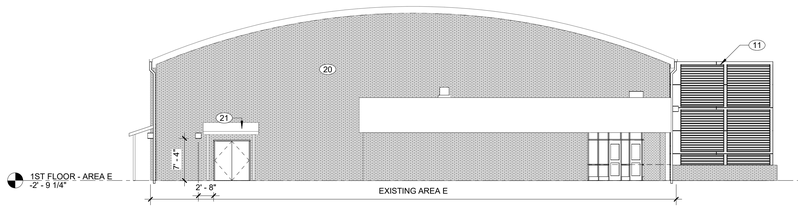
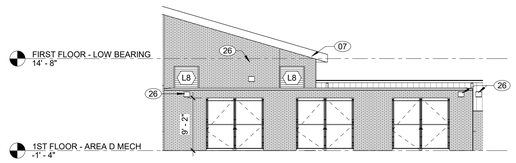
SHEET TITLE

BUILDING ELEVATIONS

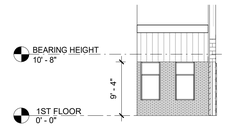
A201



H1 SOUTH ELEVATION - AREA E
3/32" = 1'-0"



H6 MECHANICAL COURT
3/32" = 1'-0"



H7 ALT 2 EAST ELEVATION - CORRIDOR B100A
3/32" = 1'-0"

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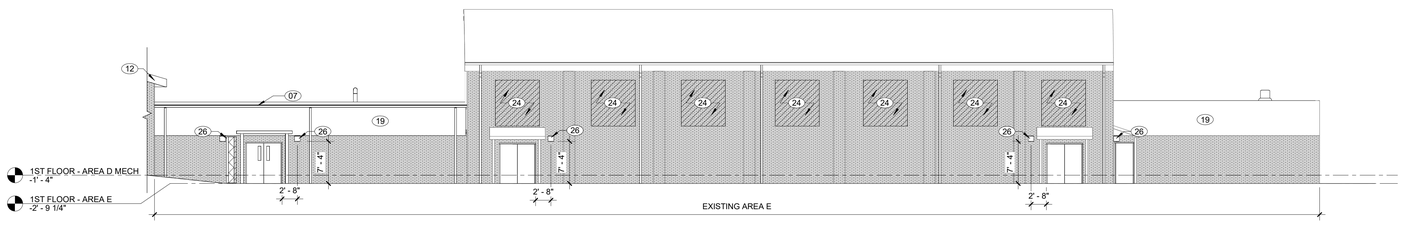
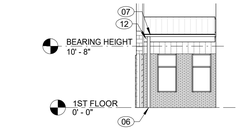
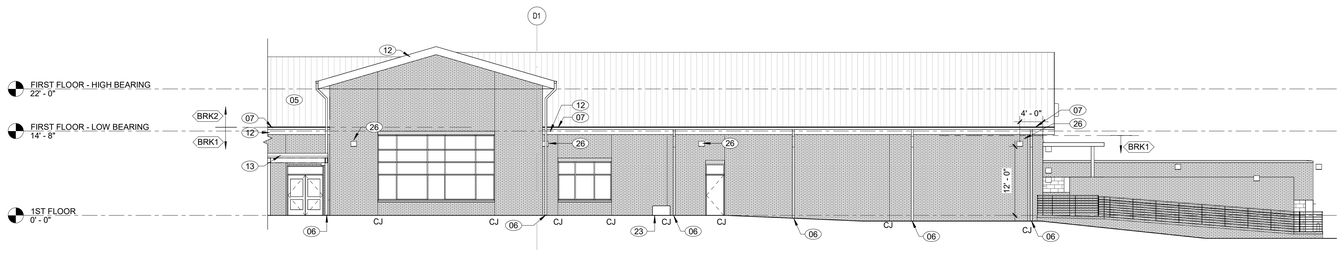
27	GRAVITY ROOF VENTILATOR , REF TO MECHANICAL.



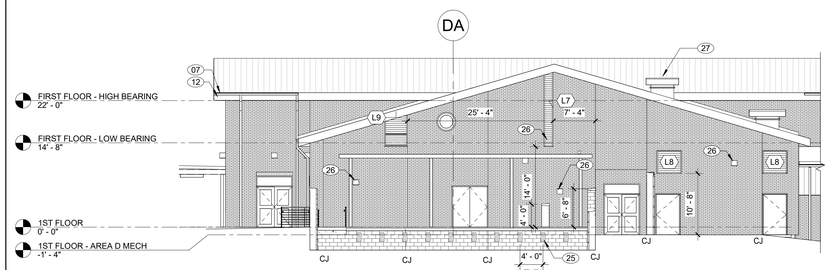
F1 WEST ELEVATION - AREA D & E
3/32" = 1'-0"



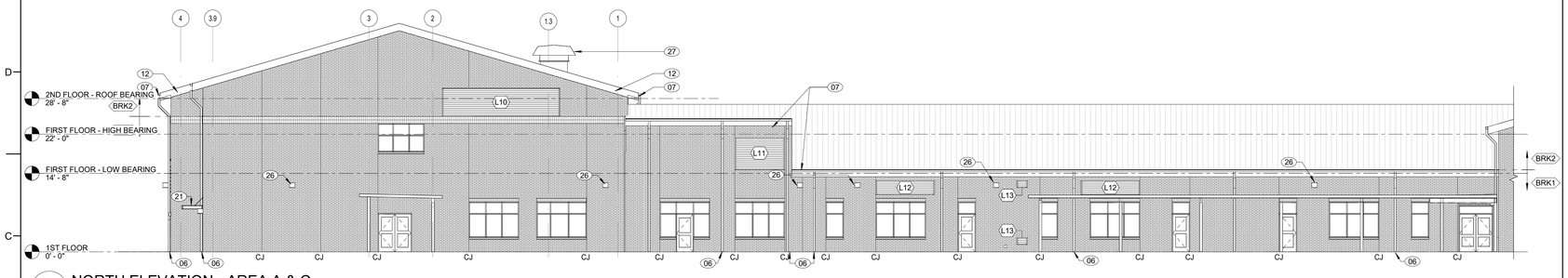
F7 ALT 2 WEST ELEVATION - CORRIDOR B100A
3/32" = 1'-0"



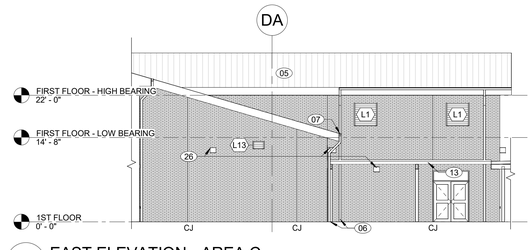
D1 NORTH ELEVATION - D & E
3/32" = 1'-0"



D5 WEST ELEVATION - AREA D
3/32" = 1'-0"

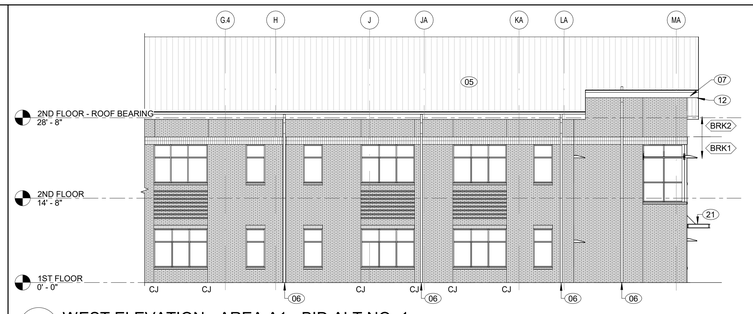


C1 NORTH ELEVATION - AREA A & C
3/32" = 1'-0"

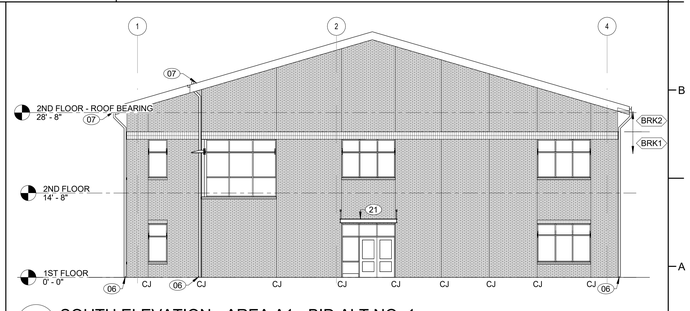


C8 EAST ELEVATION - AREA C
3/32" = 1'-0"

A1 EAST ELEVATION - AREA A - BID ALT NO. 1
3/32" = 1'-0"



A2 WEST ELEVATION - AREA A1 - BID ALT NO. 1
3/32" = 1'-0"



A3 SOUTH ELEVATION - AREA A1 - BID ALT NO. 1
3/32" = 1'-0"

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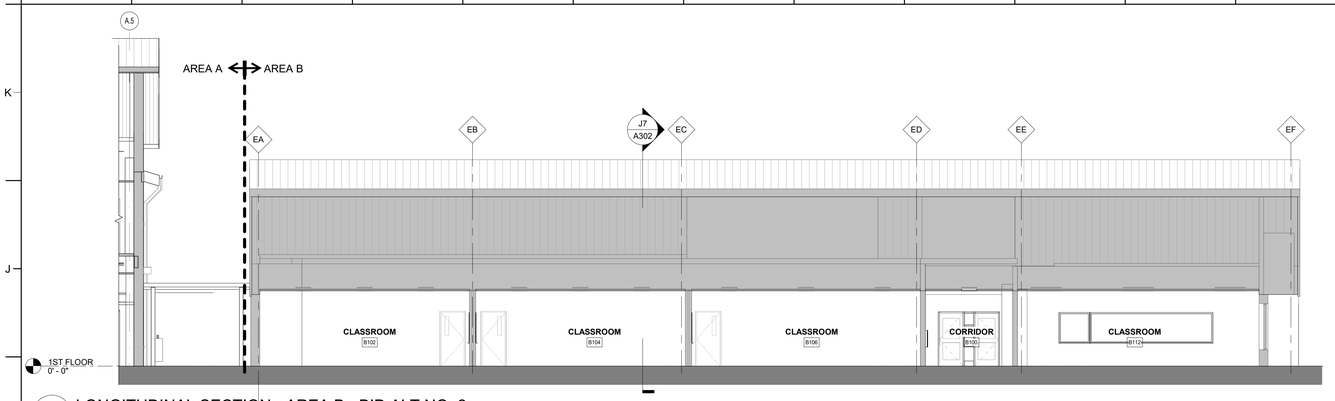
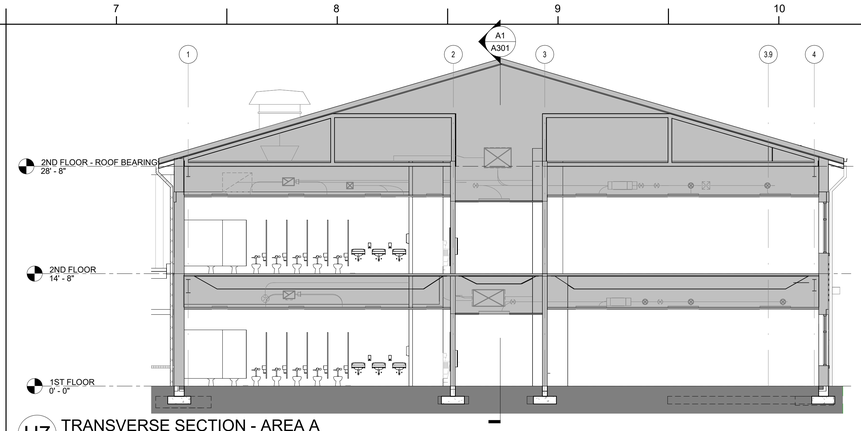
SHEET TITLE

BUILDING ELEVATIONS

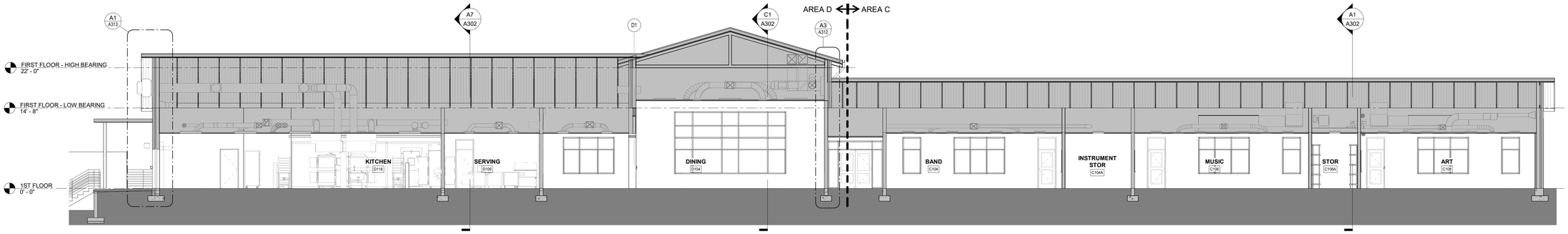
A202



H1 LONGITUDINAL SECTION - AREA B - BID ALT NO. 2
1/8" = 1'-0"

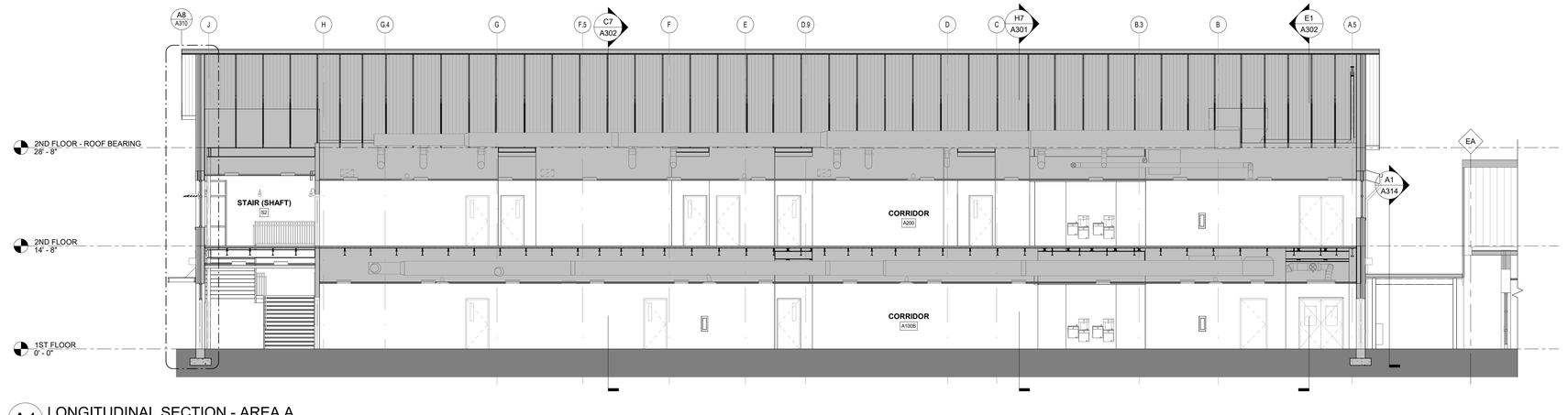


H7 TRANSVERSE SECTION - AREA A
1/8" = 1'-0"



F1 TRANSVERSE SECTION - AREA C & D
1/8" = 1'-0"

D1 LONGITUDINAL SECTION - AREA E
1/8" = 1'-0"



A1 LONGITUDINAL SECTION - AREA A
1/8" = 1'-0"

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DKA JOB NUMBER
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Drawn By: SCOTT KRABATH
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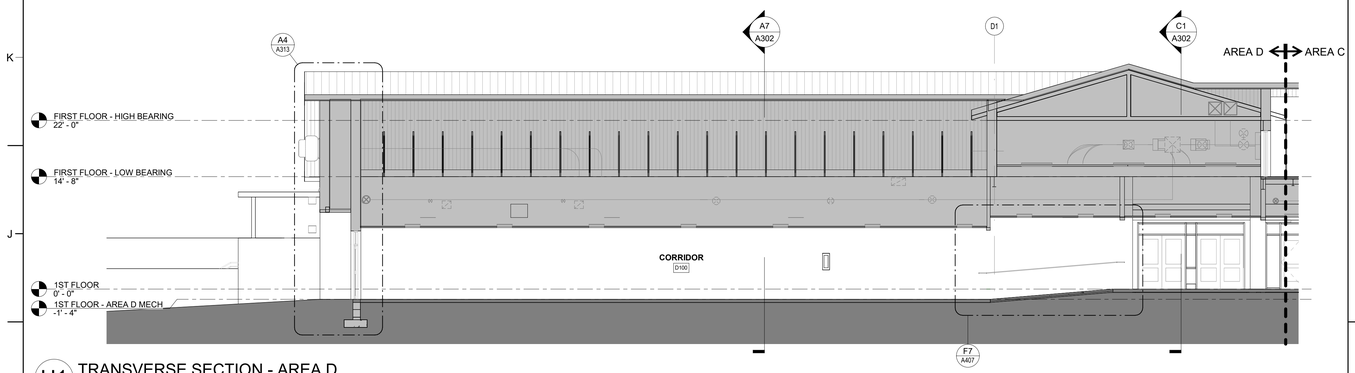
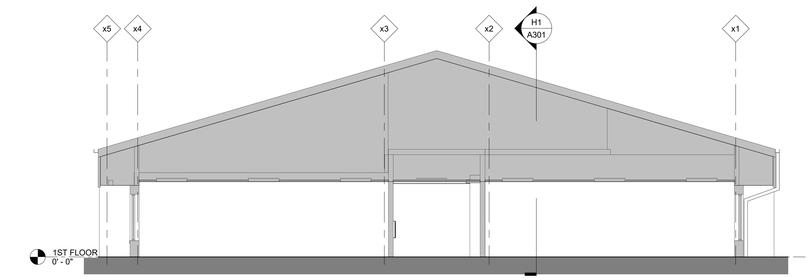
SHEET TITLE
BUILDING SECTIONS

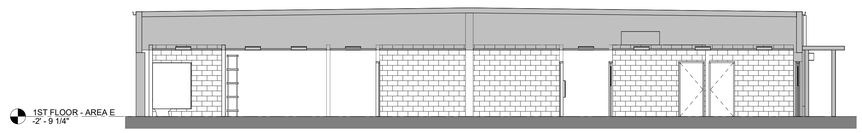
A301



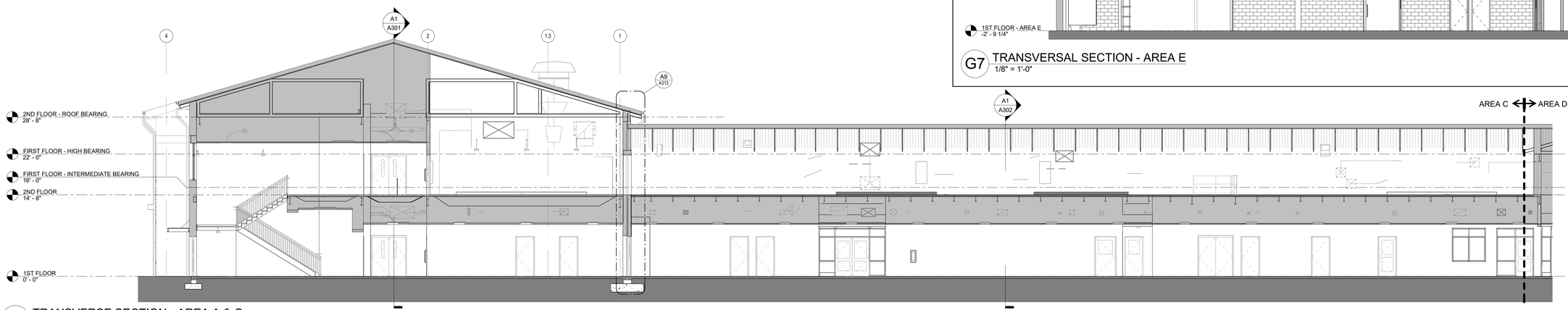
H1 TRANSVERSE SECTION - AREA D
1/8" = 1'-0"



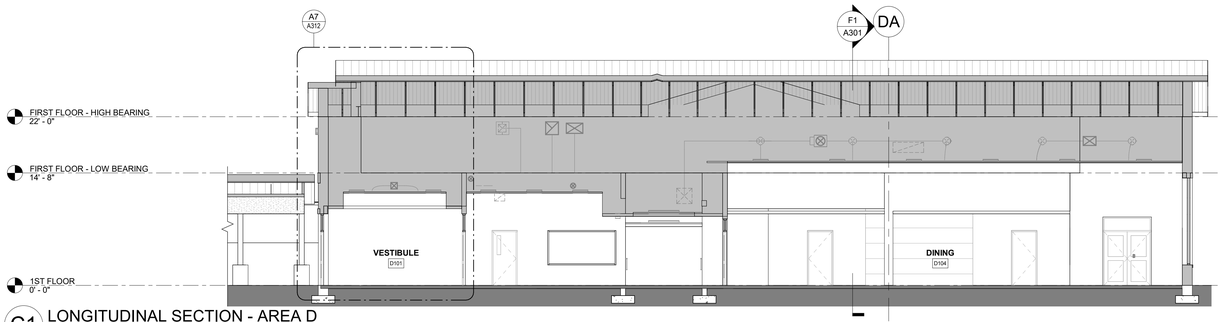
J7 TRANSVERSE SECTION - AREA B
1/8" = 1'-0"



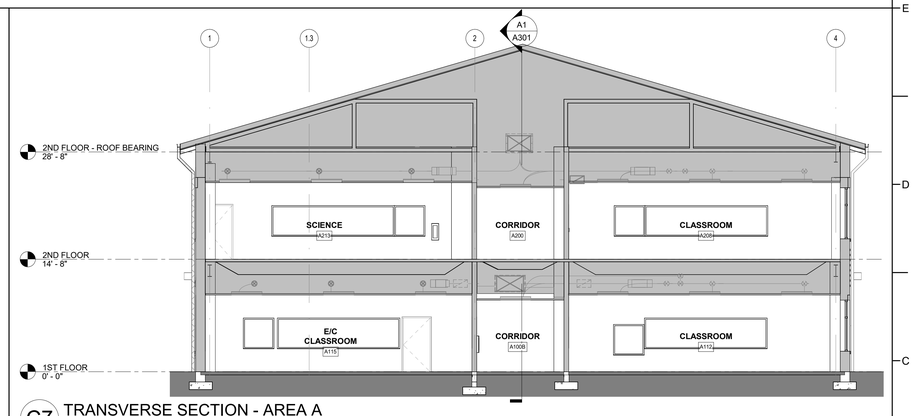
G7 TRANSVERSAL SECTION - AREA E
1/8" = 1'-0"



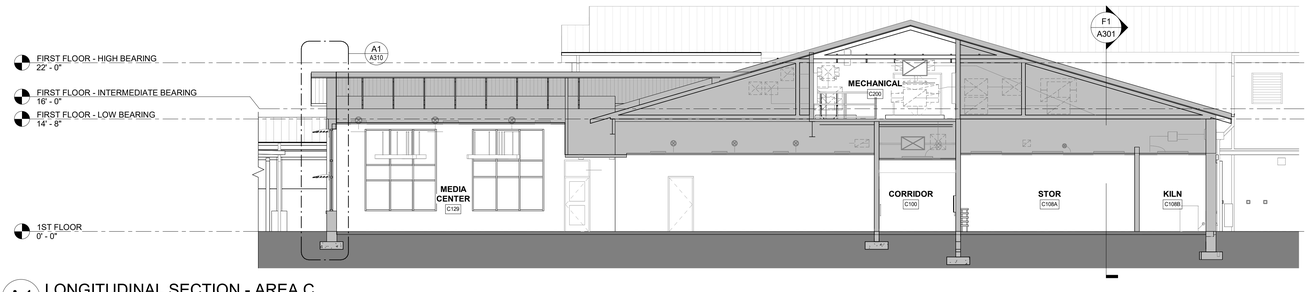
E1 TRANSVERSE SECTION - AREA A & C
1/8" = 1'-0"



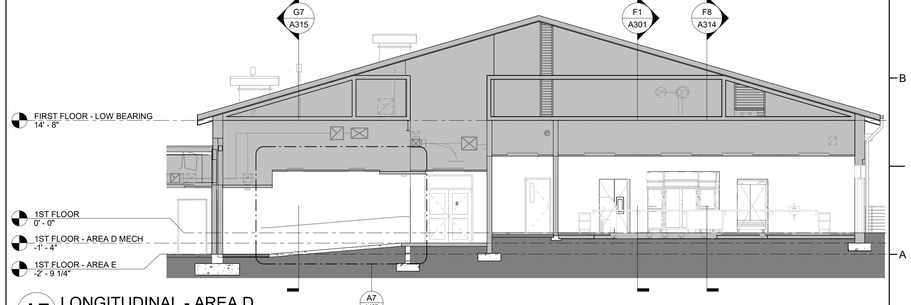
C1 LONGITUDINAL SECTION - AREA D
1/8" = 1'-0"



C7 TRANSVERSE SECTION - AREA A
1/8" = 1'-0"



A1 LONGITUDINAL SECTION - AREA C
1/8" = 1'-0"



A7 LONGITUDINAL - AREA D
1/8" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. — PROFESSIONAL ARCHITECTURAL CORPORATION — 50304 — NORTH CAROLINA — RALEIGH, N.C.

ROBERT C. STEVENSON — REGISTERED LANDSCAPE ARCHITECT — 6214 — NORTH CAROLINA — RALEIGH, N.C.

DKA JOB NUMBER
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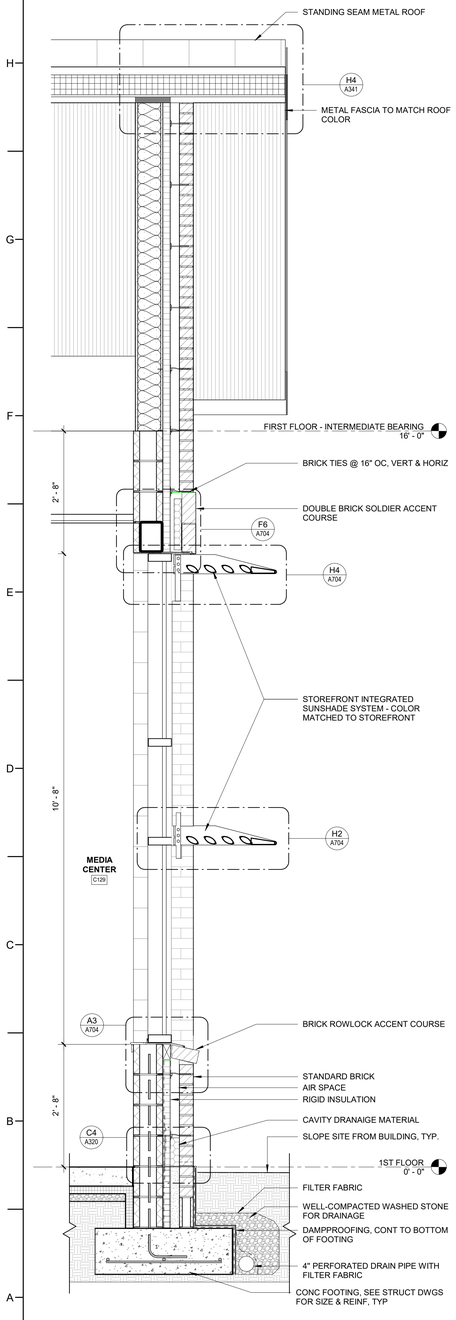
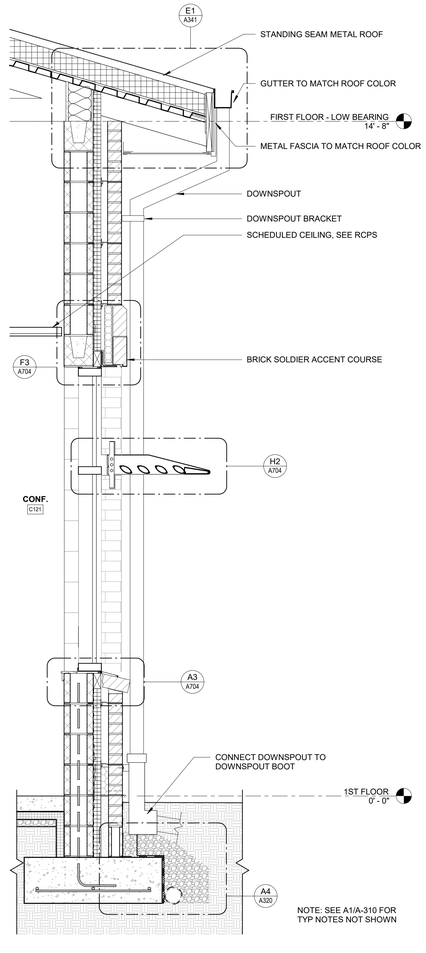
SHEET TITLE
BUILDING SECTIONS

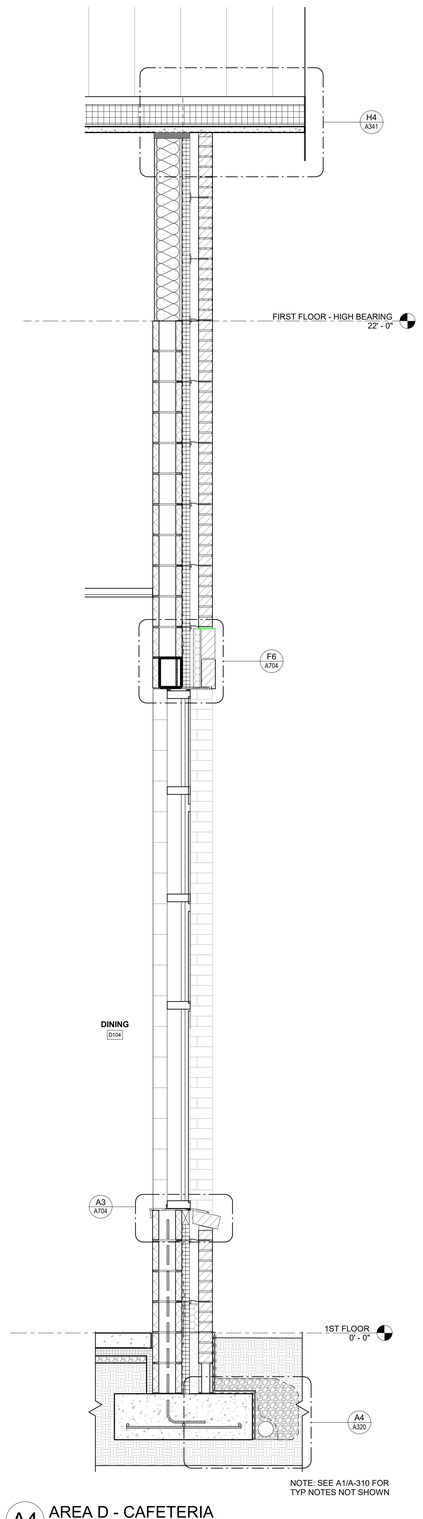
A302



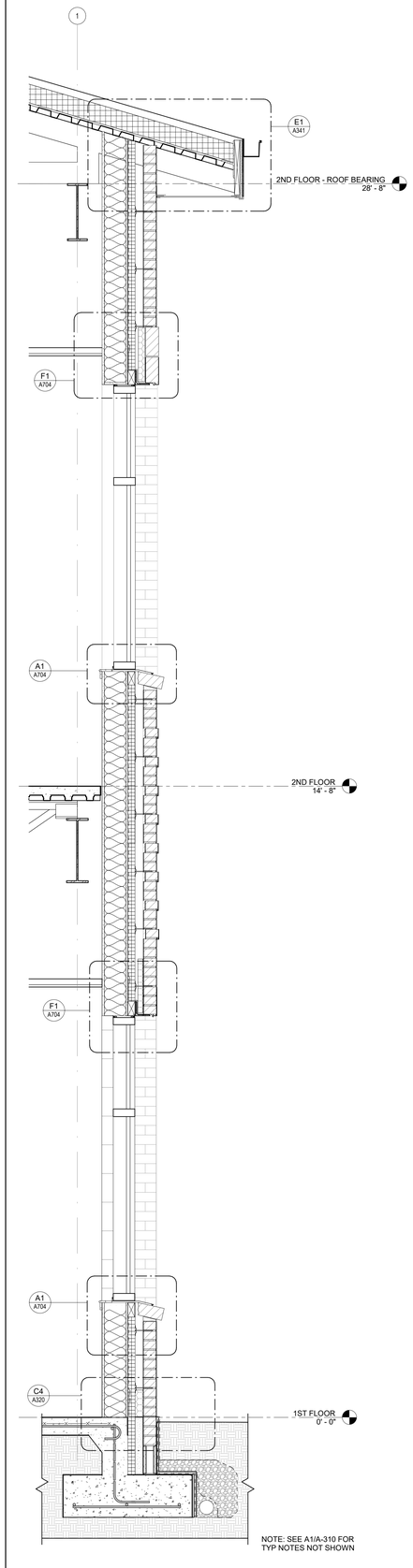
A1 AREA C - MEDIA
3/4" = 1'-0"



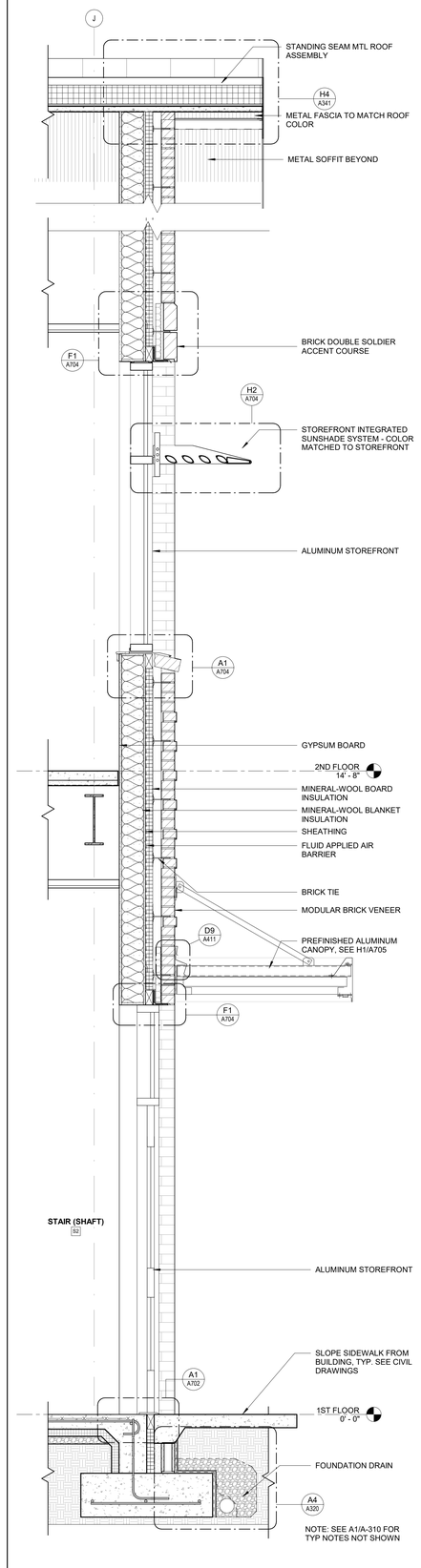
A2 AREA C - ADMIN AREA WINDOW
3/4" = 1'-0"



A4 AREA D - CAFETERIA
3/4" = 1'-0"



A6 AREA A - CLASSROOM WALL SECTION
3/4" = 1'-0"



A8 AREA A - STAIR (S2) SOUTH WALL SECTION
3/4" = 1'-0"

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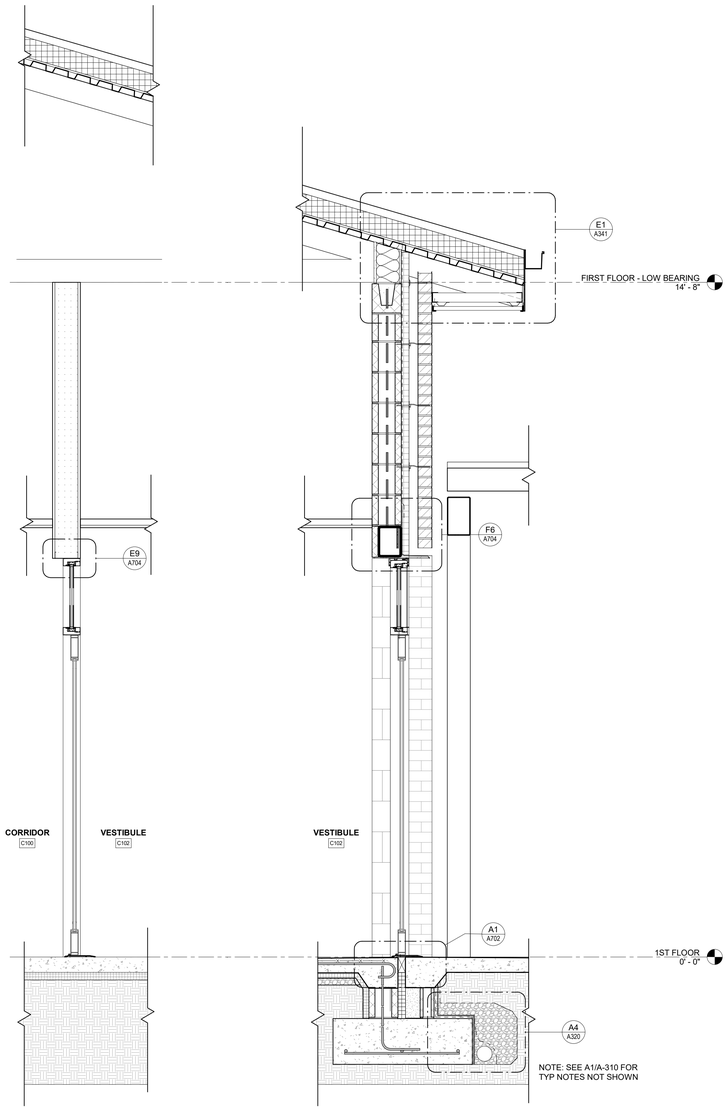
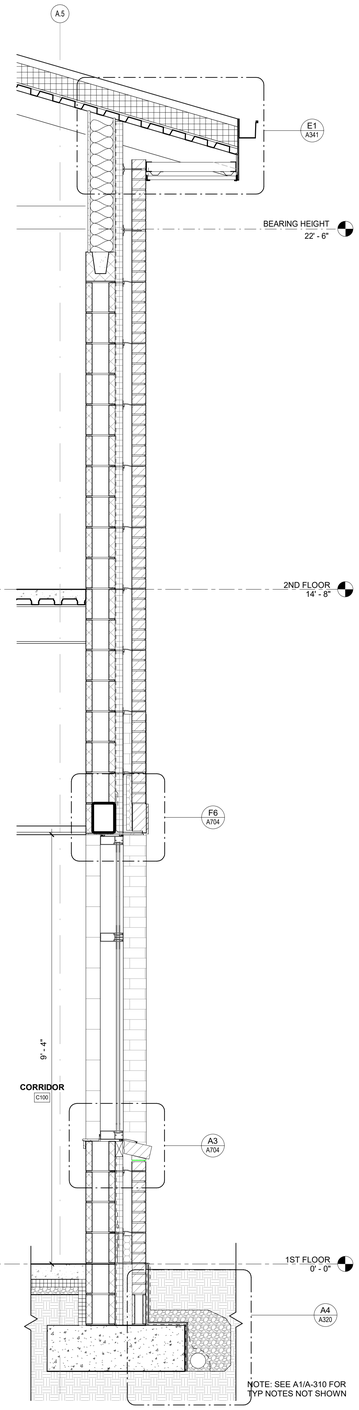
SHEET TITLE
WALL SECTIONS

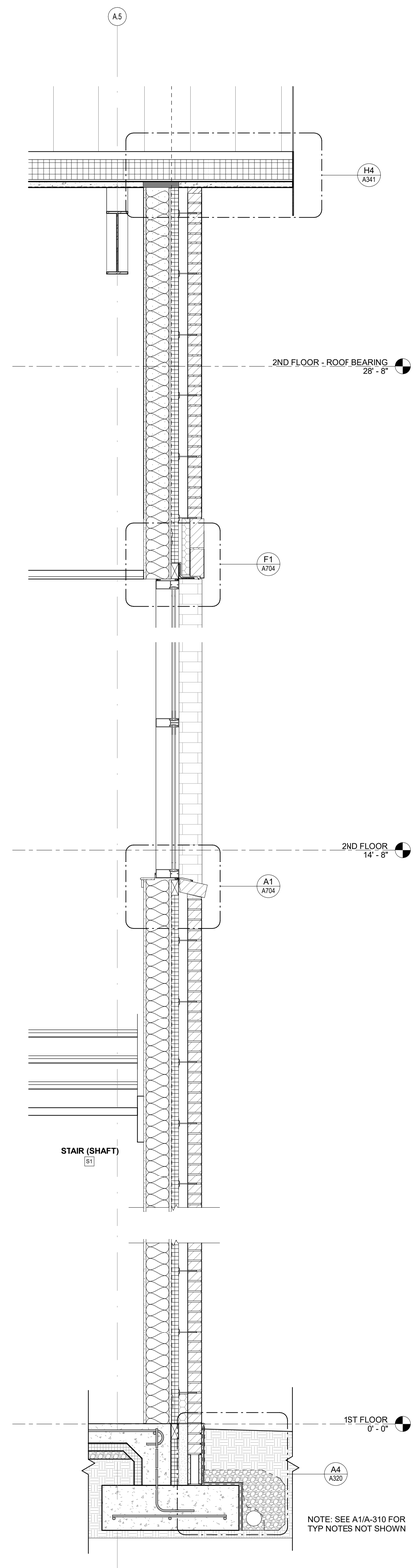
A310



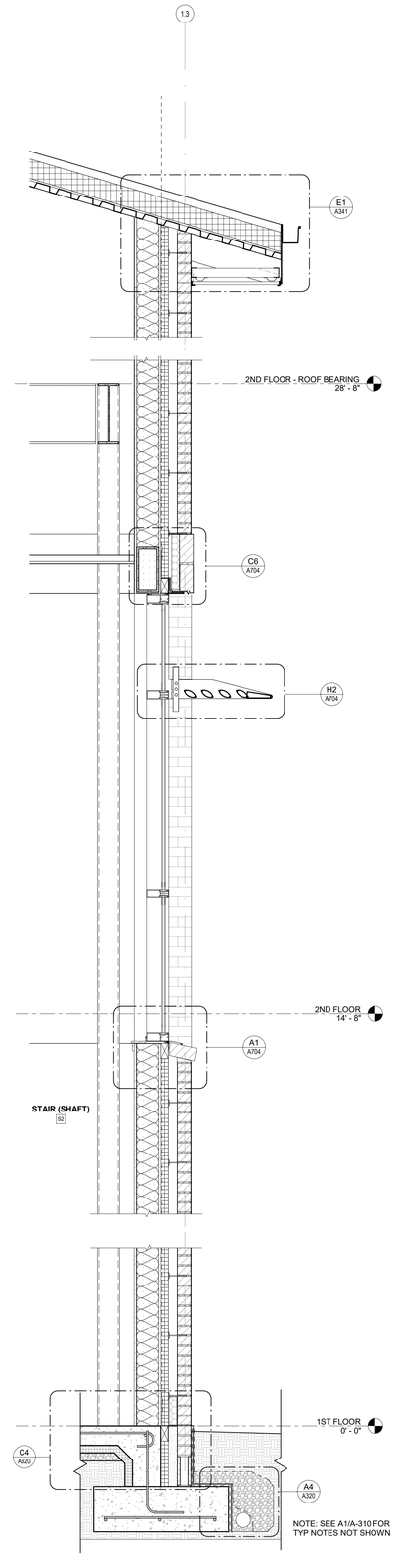
A1 AREA C - CARPOOL ENTRY
3/4" = 1'-0"



A5 AREA C - WALL SECTION
3/4" = 1'-0"



A7 AREA A - STAIR (S1) NORTH WALL SECTION
3/4" = 1'-0"



A9 AREA A - STAIR (S2) WEST WALL SECTION
3/4" = 1'-0"

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ROBERT C. STEVENSON 6214 REGISTERED ARCHITECT NORTH CAROLINA RALEIGH, N.C. 10-25

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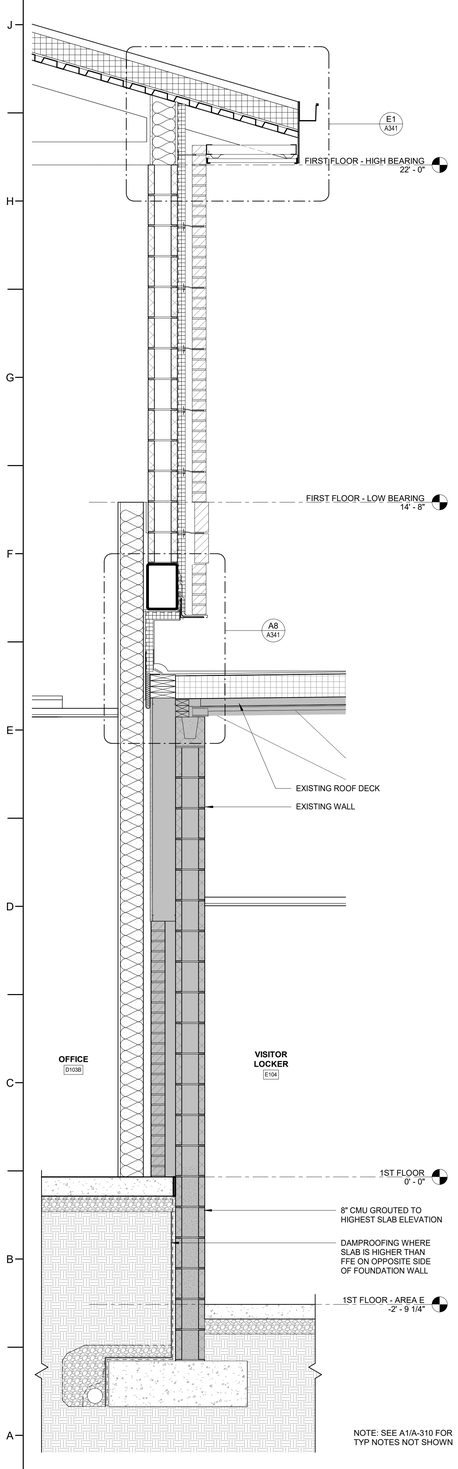
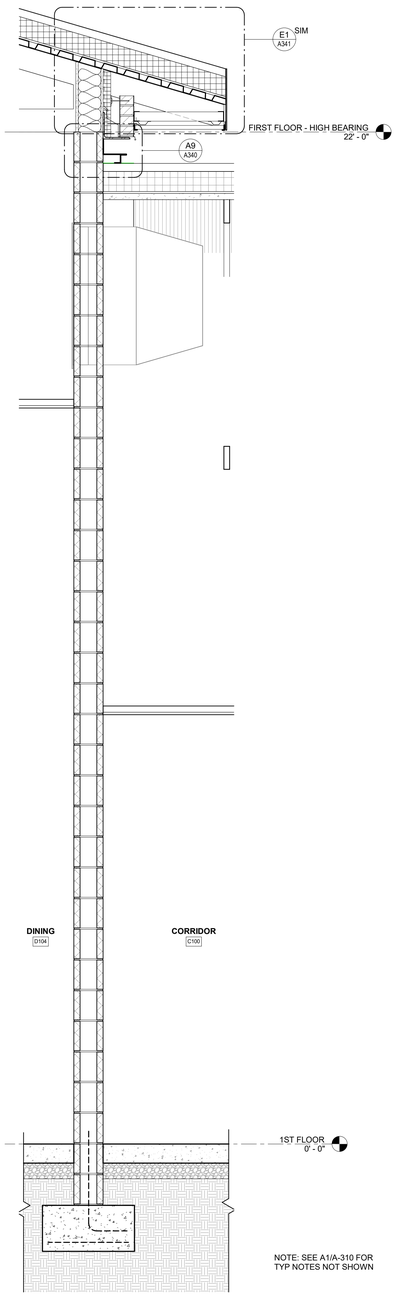
SHEET TITLE
WALL SECTIONS

A311



A1 AREA D - BUILDING JOINT A
3/4" = 1'-0"



A3 AREA D - BUILDING JOINT B
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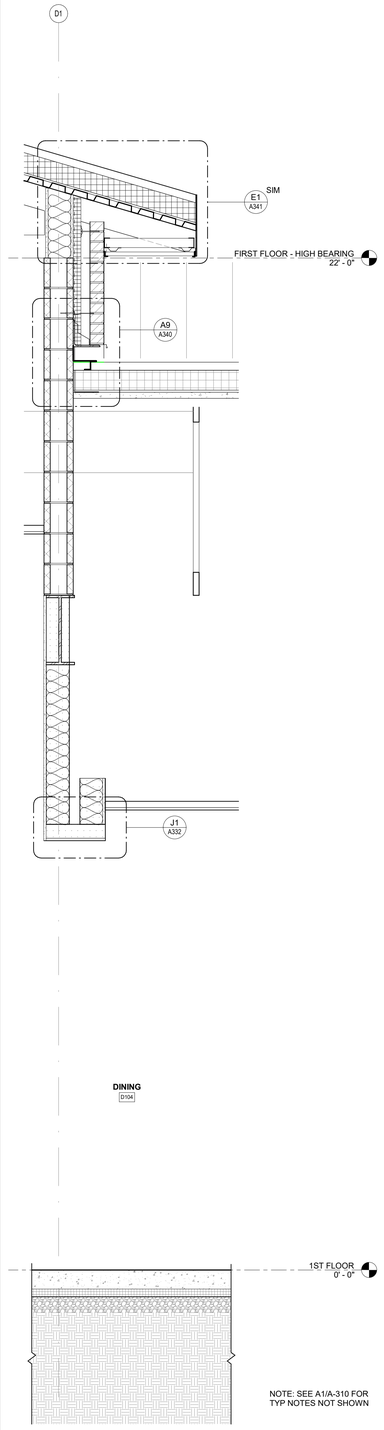
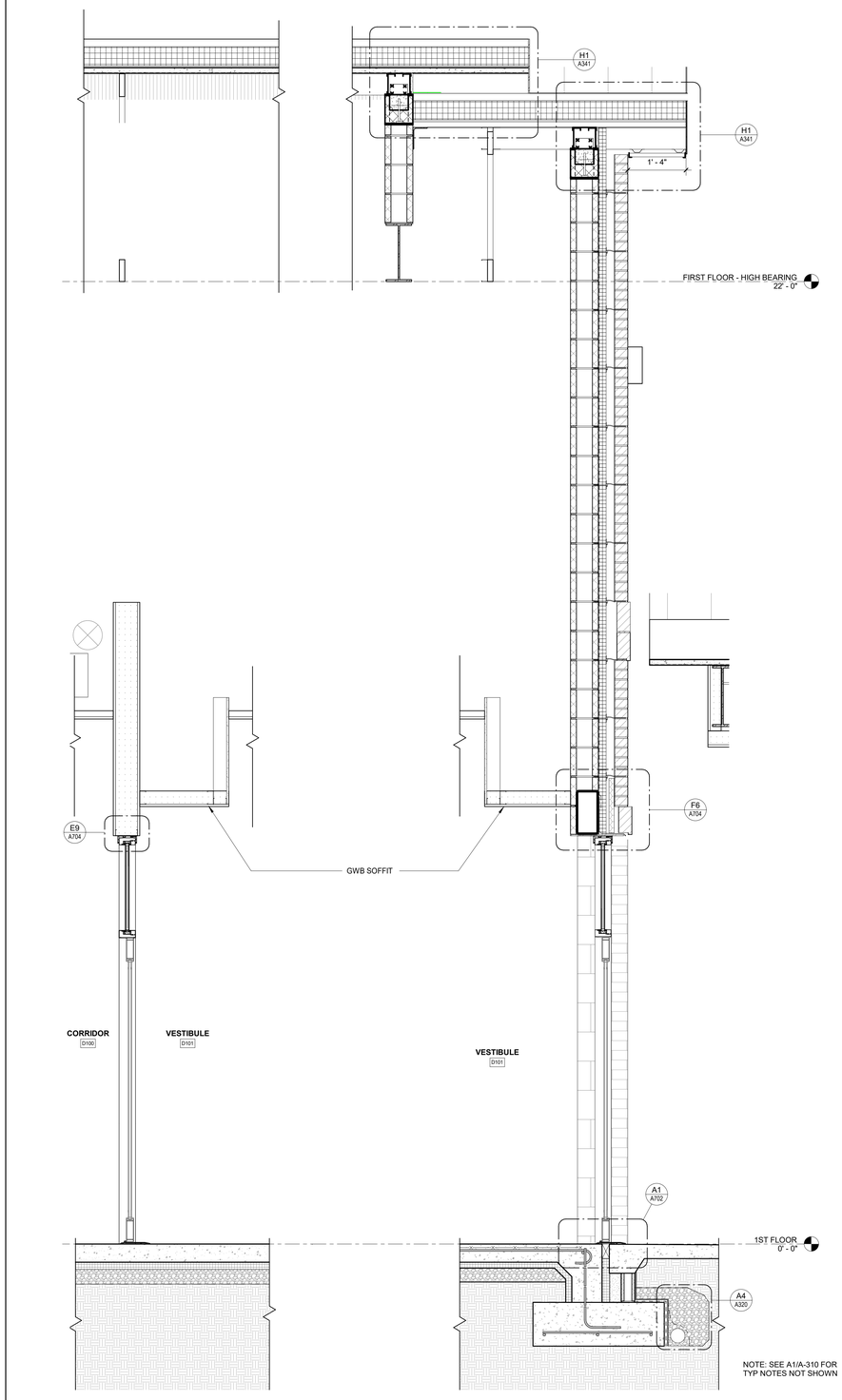


A5 AREA D - DINING A
3/4" = 1'-0"



A7 AREA D - ENTRY VESTIBULE CANOPY
3/4" = 1'-0"

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PROJECT INFORMATION

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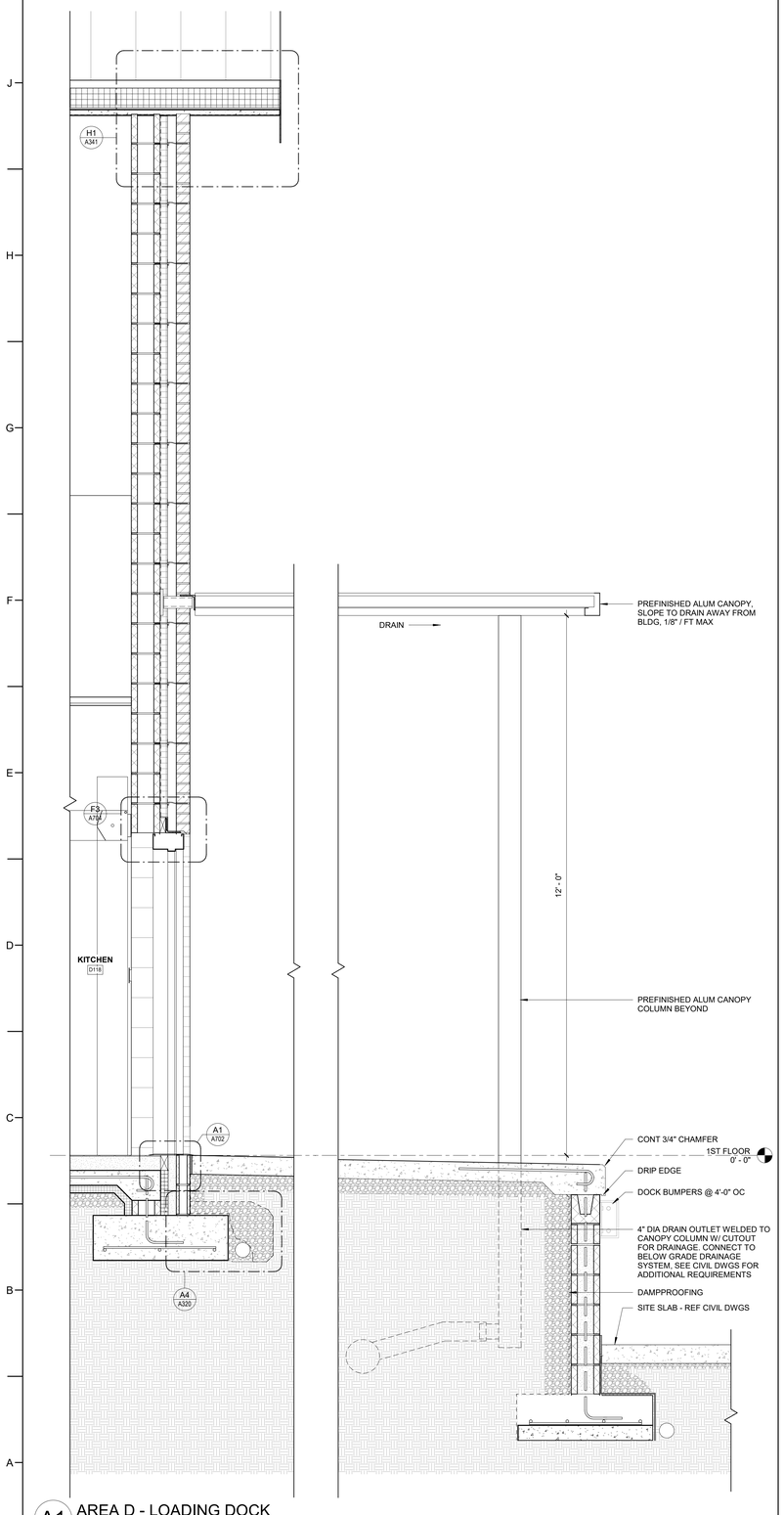
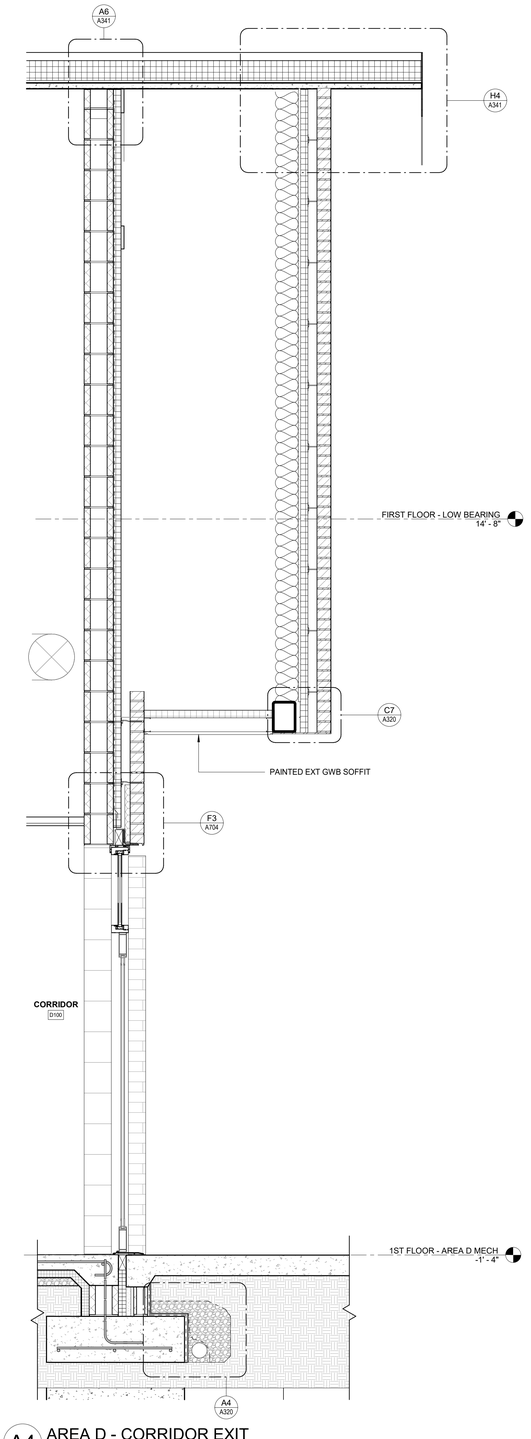
SHEET TITLE
WALL SECTIONS

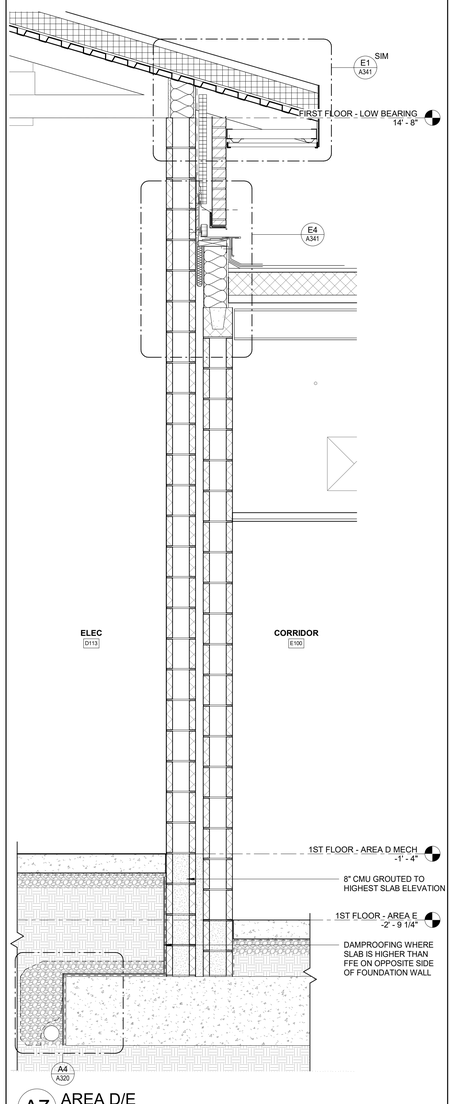
A312



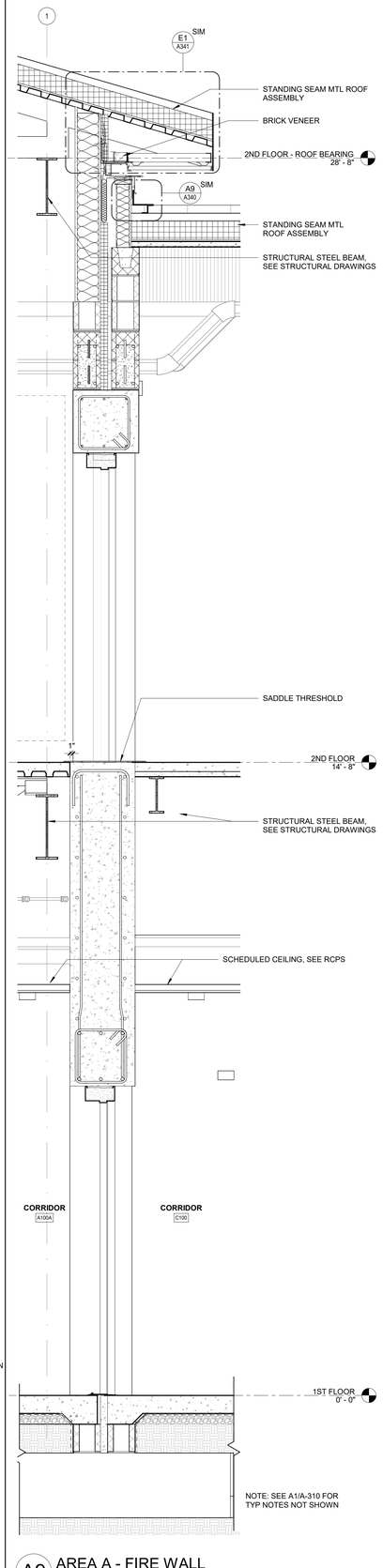
A1 AREA D - LOADING DOCK
3/4" = 1'-0"



A4 AREA D - CORRIDOR EXIT
3/4" = 1'-0"



A7 AREA D/E
3/4" = 1'-0"



A9 AREA A - FIRE WALL
3/4" = 1'-0"

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SEALS

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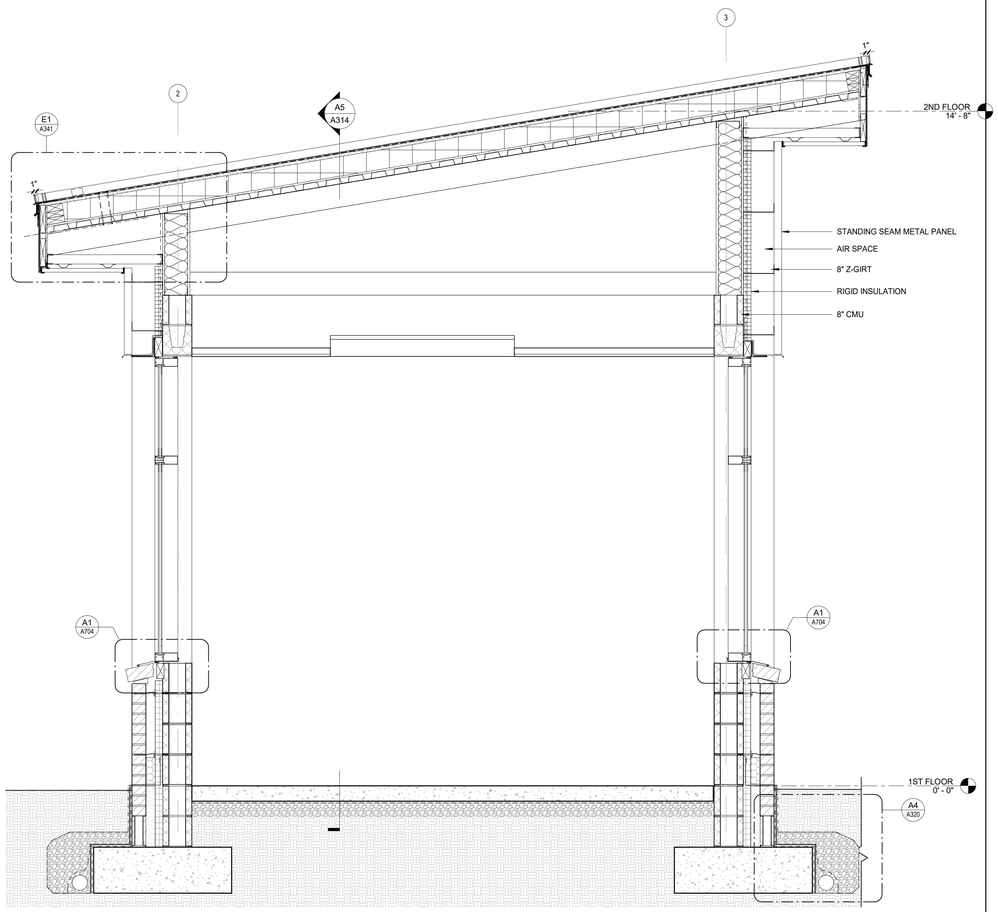
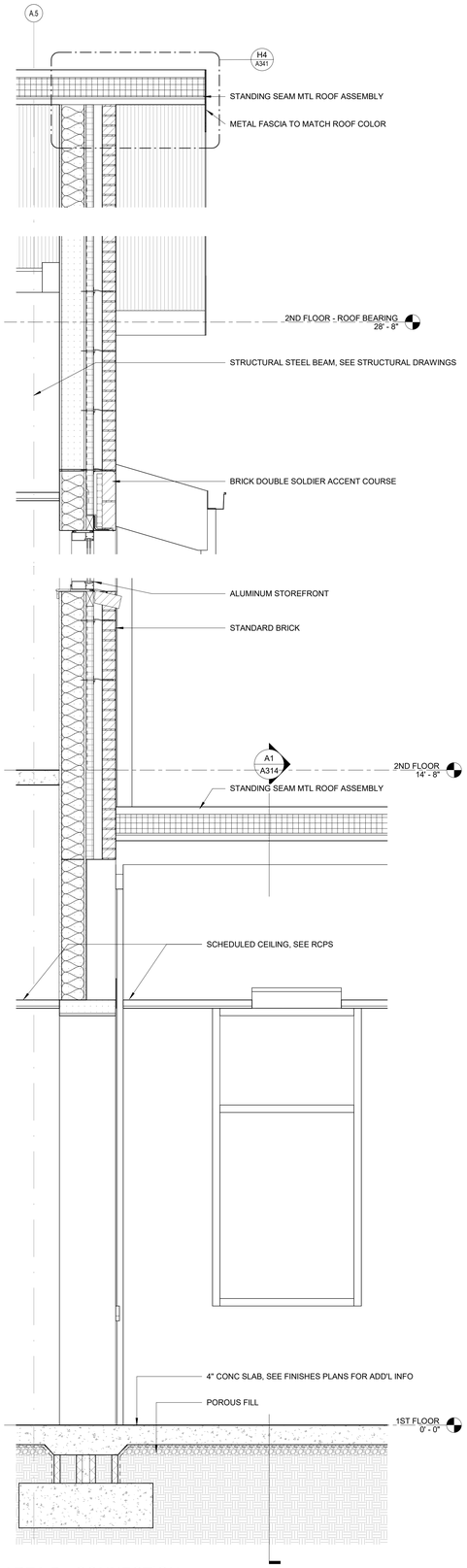
SHEET TITLE
WALL SECTIONS

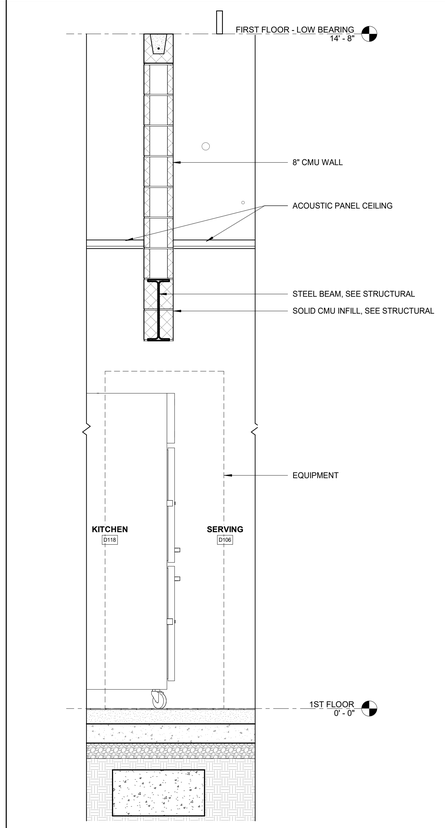
A313



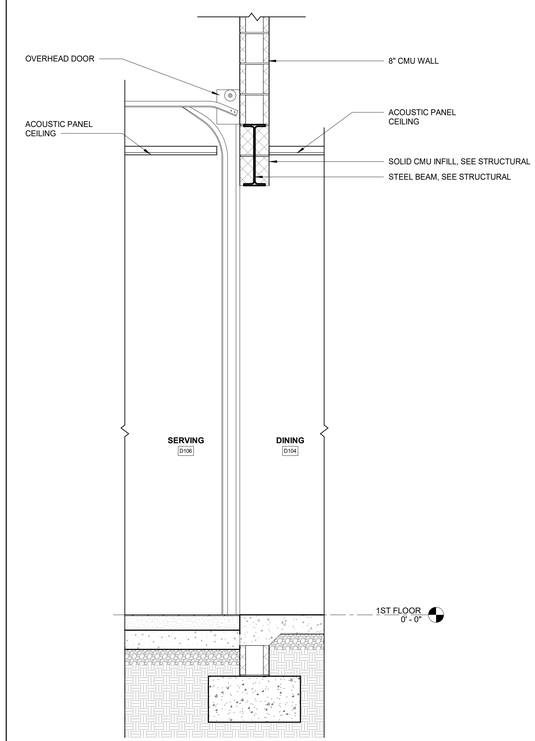
A1 ALT - AREA A - CONNECTOR LOW - ALT 2
3/4" = 1'-0"



A5 ALT - AREA B - CONNECTION
3/4" = 1'-0"



F8 AREA D - PASS-THROUGH EQUIPMENT
3/4" = 1'-0"



A8 AREA D - OVERHEAD COILING GRILLE
3/4" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

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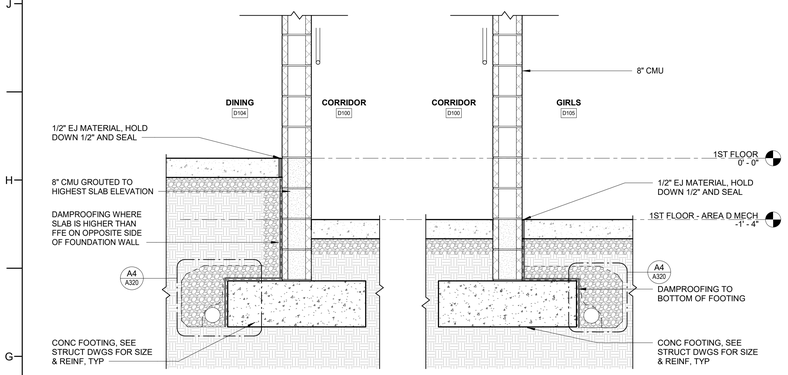
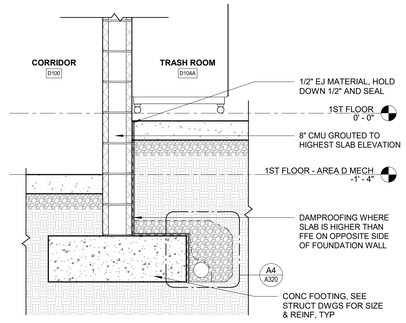
SHEET TITLE
WALL SECTIONS

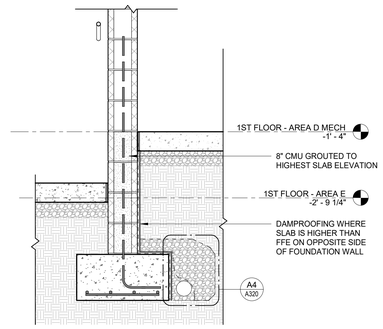
A314



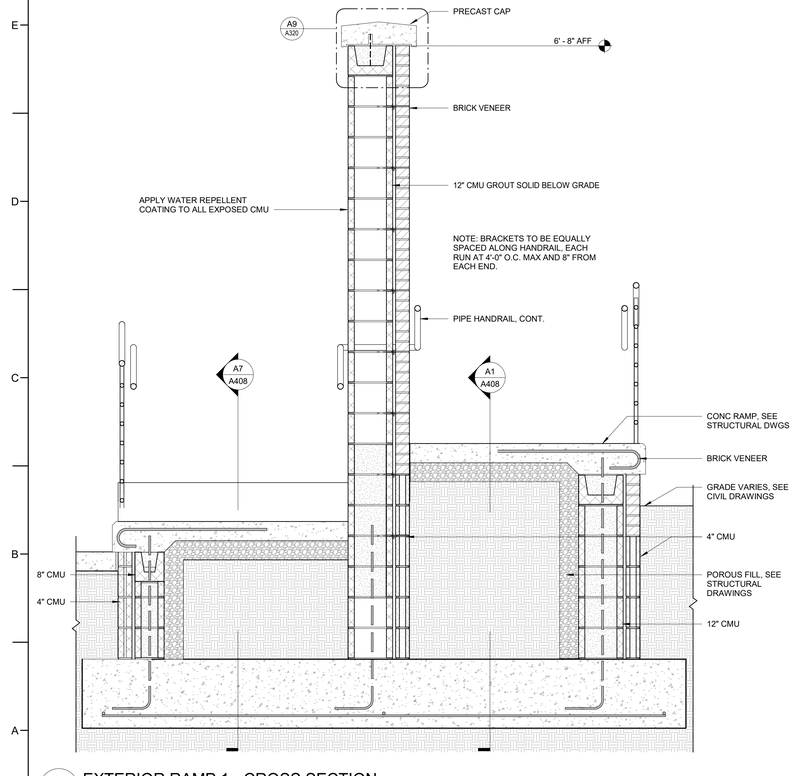
G1 AREA D - CORRIDOR RAMP
3/4" = 1'-0"



G4 AREA D - CORRIDOR
3/4" = 1'-0"



G7 AREA D LOW RAMP
3/4" = 1'-0"



A1 EXTERIOR RAMP 1 - CROSS SECTION
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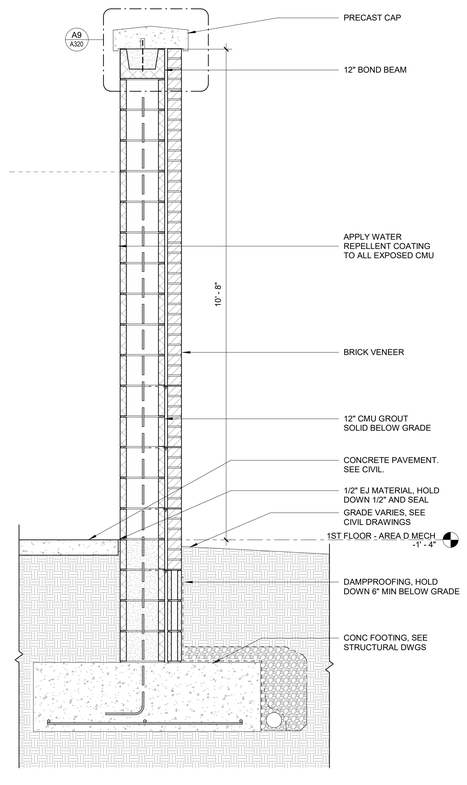
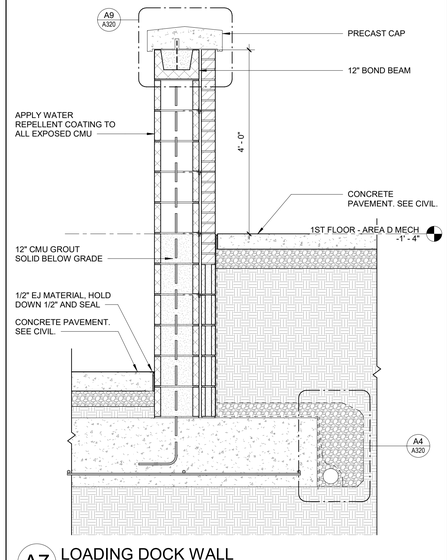
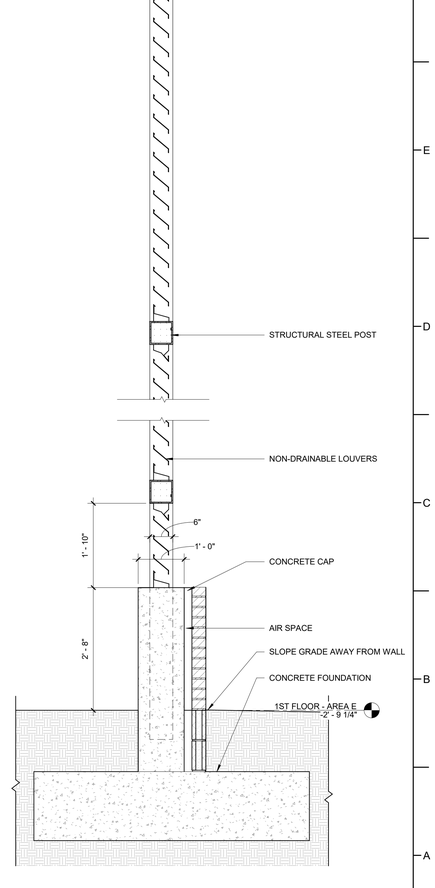


A4 SCREEN WALL
3/4" = 1'-0"



A7 LOADING DOCK WALL
3/4" = 1'-0"



A9 AREA E - MECHANICAL UNIT SCREEN WALL
3/4" = 1'-0"

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SEALS

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ROBERT C. STEVENSON 6214 REGISTERED ARCHITECT 1-10-25 NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
2401

REVISIONS

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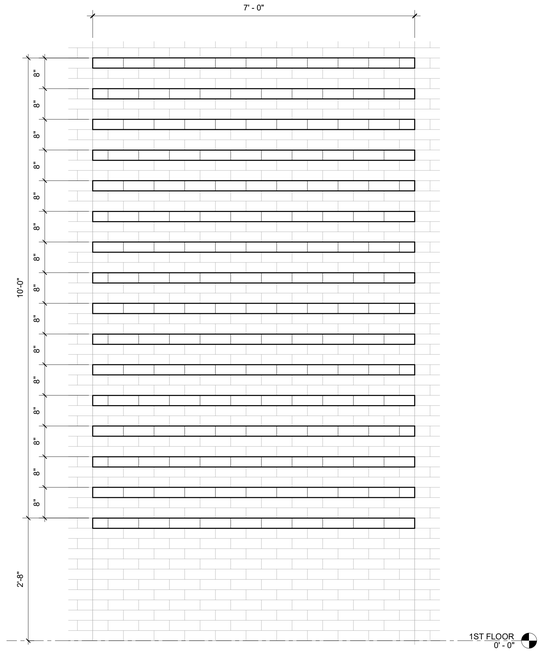
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:36:08 AM

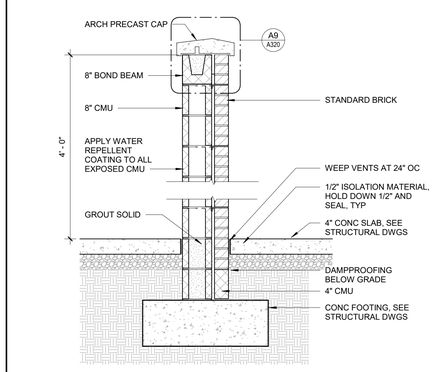
DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
WALL SECTIONS

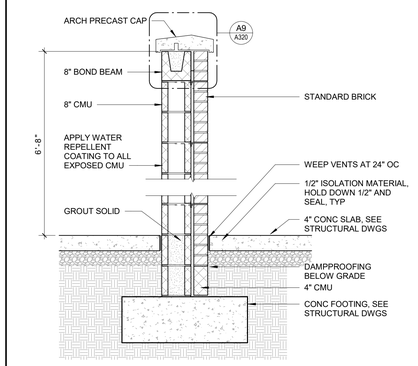
A315



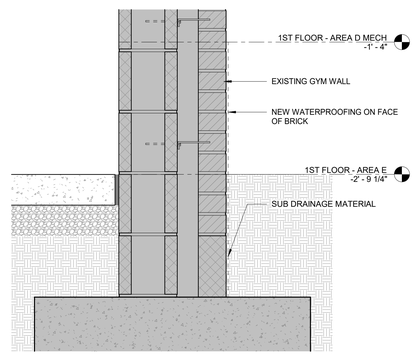
F1 DETAIL ELEVATION - BRICK B
3/4" = 1'-0"



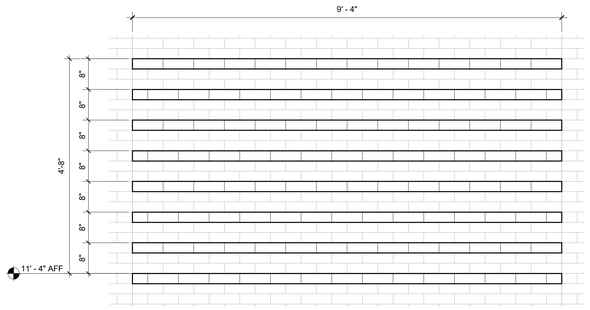
H4 CAN WASH LOW WALL
3/4" = 1'-0"



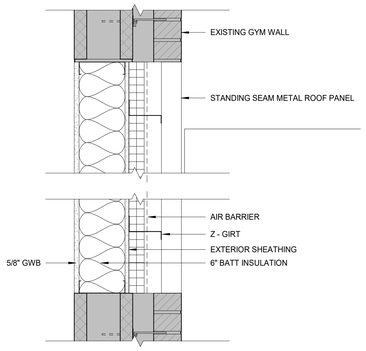
H7 CAN WASH HIGH WALL
3/4" = 1'-0"



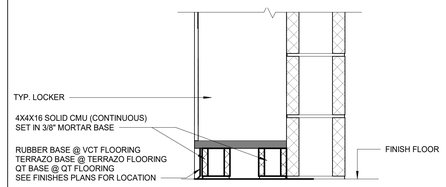
H8 WATERPROOFING AT EAST GYM WALL
1 1/2" = 1'-0"



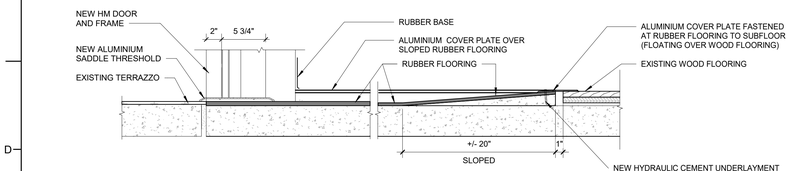
F3 DETAIL ELEVATION - BRICK A
3/4" = 1'-0"



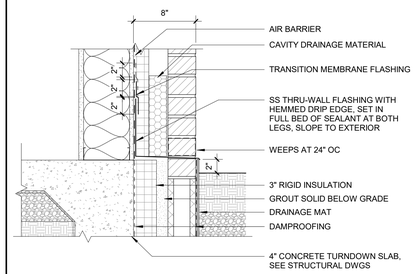
F7 SECTION AT GYM WINDOW INFILL AROUND DUCT
1 1/2" = 1'-0"



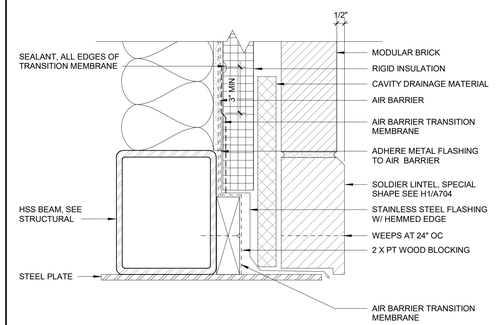
F8 TYPICAL LOCKER SECTION DETAIL
1 1/2" = 1'-0"



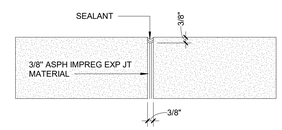
D1 SECTION AT DOOR TO WOOD FLOORING TRANSITION
1 1/2" = 1'-0"



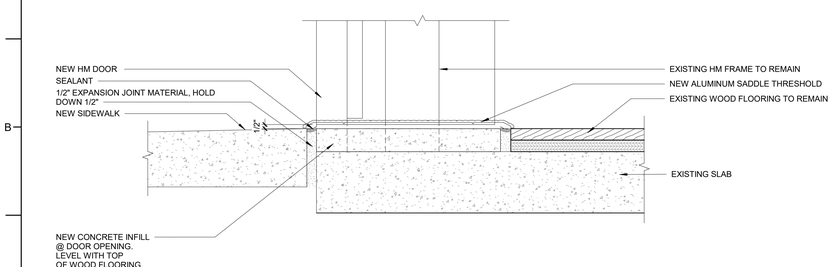
C4 TYPICAL LUG SLAB EDGE
1 1/2" = 1'-0"



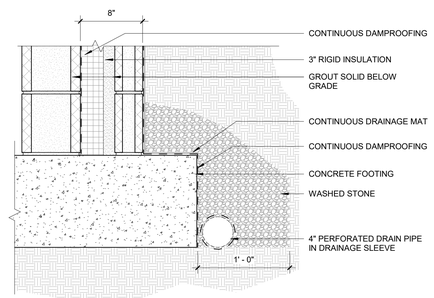
C7 CORRIDOR EXIT CORNER DETAIL AT HSS
3" = 1'-0"



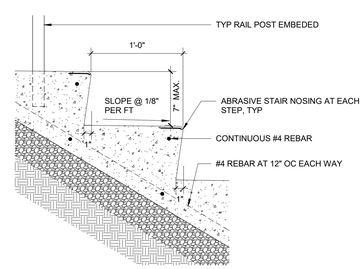
C9 TYP CONCRETE EXPANSION JOINT
3" = 1'-0"



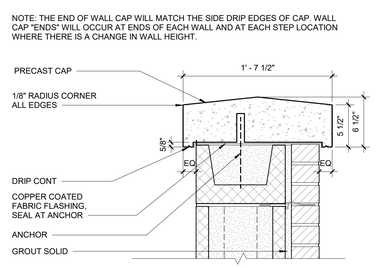
A1 NEW CONCRETE TOPPING AT DOOR OPENING
3" = 1'-0"



A4 TYPICAL FOUNDATION DRAIN
1 1/2" = 1'-0"



A7 TYPICAL EXTERIOR STAIR DETAIL
1 1/2" = 1'-0"



A9 SITE WALL PRECAST CAP
1 1/2" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. 50304 NORTH CAROLINA RALEIGH, N.C.

ROBERT C. STEVENSON REGISTERED PROFESSIONAL ENGINEER 6214 NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
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REVISIONS

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Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:36:09 AM

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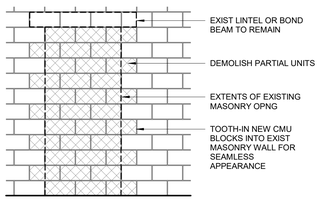
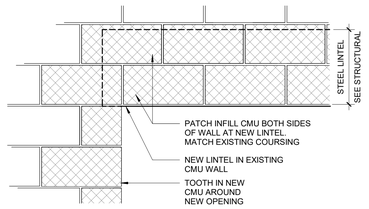
01/10/2025

SHEET TITLE
SECTION DETAILS

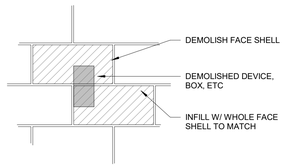
A320



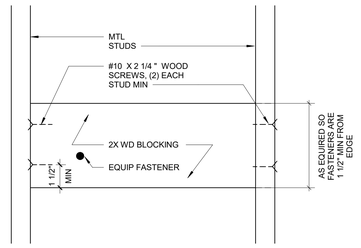
H1 MASONRY INFILL ELEVATION AT EXISTING OPENING, TYP
3/8" = 1'-0"



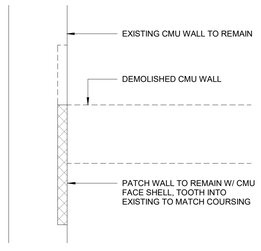
H3 NEW STEEL LINTEL IN EXISTING NON-LOAD BEARING MASONRY
1" = 1'-0"



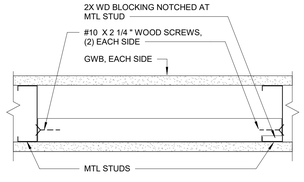
F1 MASONRY PATCH/INFILL ELEVATION DETAIL,TYP
1" = 1'-0"



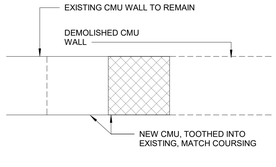
F3 WOOD BLOCKING IN GWB WALL, TYP, ELEV
3" = 1'-0"



C1 MASONRY REPAIR PLAN DETAIL AT DEMOLISHED WALL, TYP
1 1/2" = 1'-0"



C3 WOOD BLOCKING IN GWB WALL, TYP, PLAN
3" = 1'-0"



A1 MASONRY REPAIR PLAN DETAIL AT NEW CUT IN EXISTING WALL
1 1/2" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

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ROBERT C. STEVENSON REGISTERED ARCHITECT 6214 1-10-25 NORTH CAROLINA RALEIGH, N.C.

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Plot Date: 1/16/2025 5:36:12 AM

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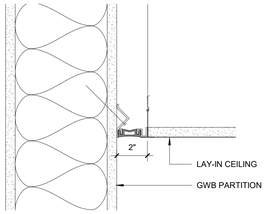
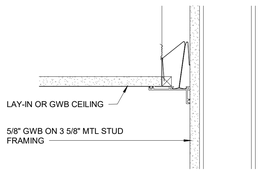
01/10/2025

SHEET TITLE
SECTION DETAILS

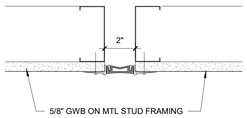
A323



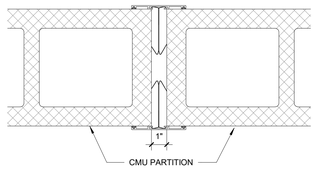
J1 EJC 'D' - INT CEILING TO WALL (OR CORNER)
3" = 1'-0"



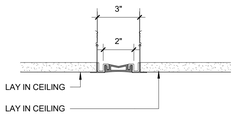
J3 EJC - INT CEILING TO WALL (GWB TO GWB)
3" = 1'-0"



G1 EJC 'B' - INT WALL (OR CEILING)
3" = 1'-0"



G3 EJC - INT WALL (CMU to CMU)
3" = 1'-0"



F1 EJC - 'A' INT CEILING
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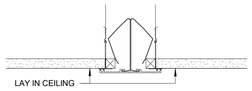

F3 EJC - INT CEILING (GWB to GWB) clip
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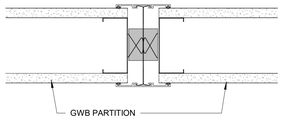
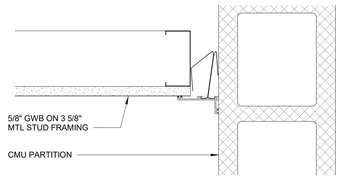


D1 EJC - INT WALL (GWB to GWB) clip
3" = 1'-0"



D3 EJC - INT WALL CORNER (GWB to CMU)
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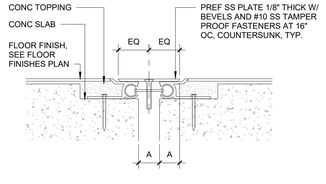
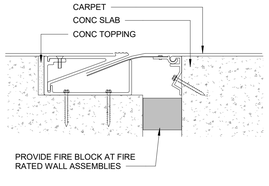
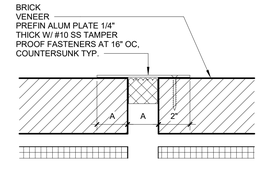


B1 EJC 'C' - INT FLOOR TO FLOOR
3" = 1'-0"



B3 EJC - INT FLOOR TO FLOOR
3" = 1'-0"



A1 EXPANSION JOINT COVER 'H'
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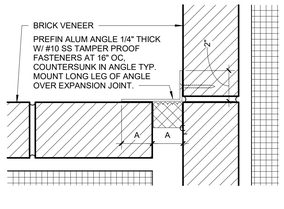

A3 EXPANSION JOINT COVER 'G'
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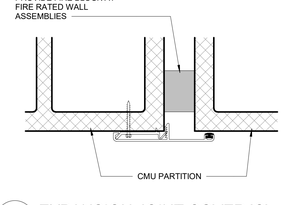

A5 EXPANSION JOINT COVER 'C'
3" = 1'-0"

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PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:36:15 AM

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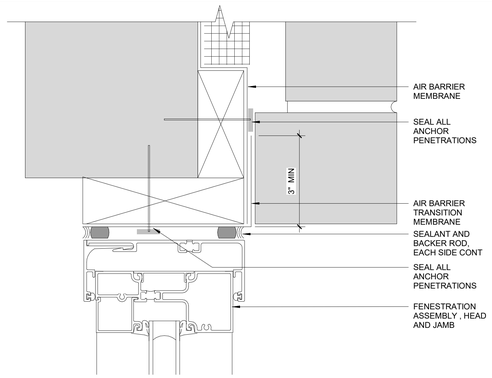
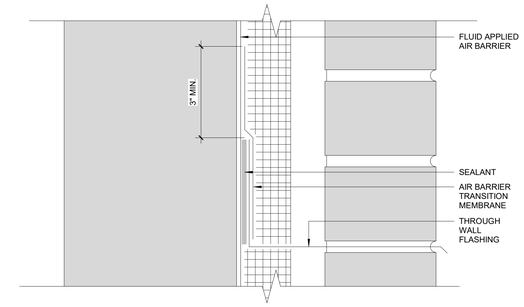
BID DOCUMENTS
01/10/2025

SHEET TITLE
EXPANSION JOINT DETAILS

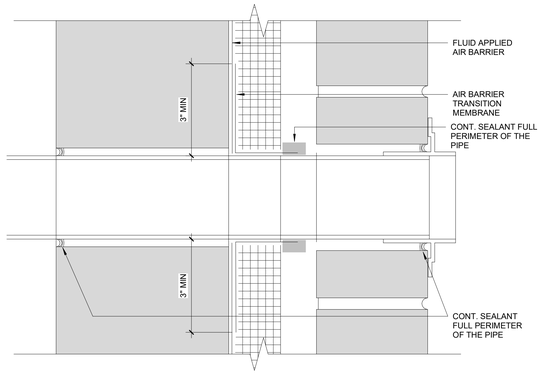
A324



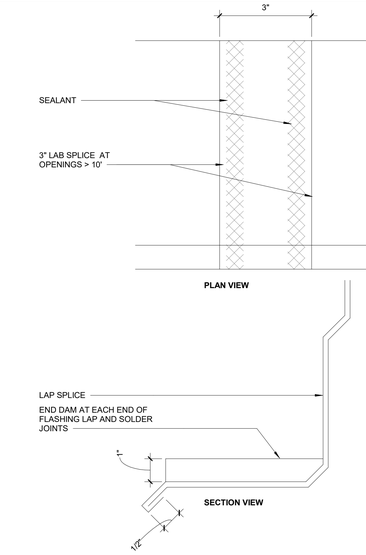
F1 AIR BARRIER AT WINDOW HEAD & JAMB
6" = 1'-0"



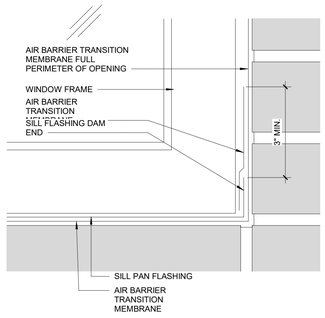
H3 AIR BARRIER AT THROUGH WALL FLASHING
6" = 1'-0"



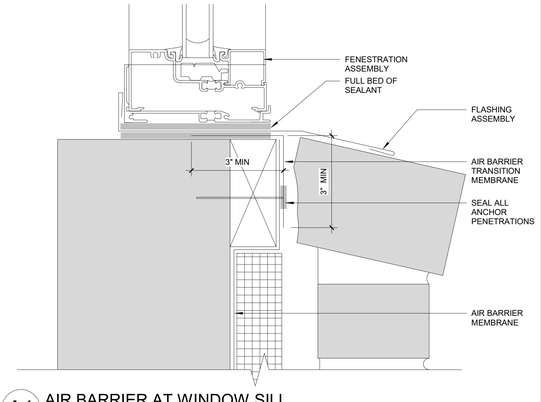
F3 AIR BARRIER AT EXTERIOR WALL PENETRATION
6" = 1'-0"



G6 LAP SPLICE AT FLASHING
6" = 1'-0"



C1 AIR BARRIER AT WINDOW ELEVATION
6" = 1'-0"



A1 AIR BARRIER AT WINDOW SILL
6" = 1'-0"

DAVIS KANE ARCHITECTS, PA
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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

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ROBERT C. STEVENSON REGISTERED ARCHITECT 6214 NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
2401

REVISIONS

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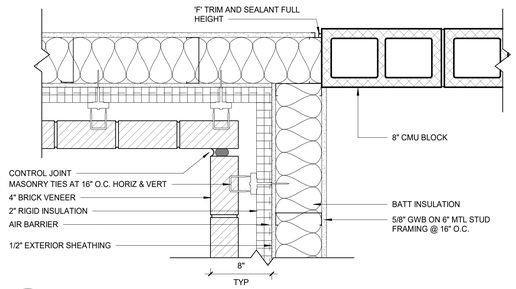
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:36:16 AM

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
AIR BARRIER DETAILS

A325



J1 PLAN DETAIL - AREA A @ CLASSROOM A117 & STAIR S2
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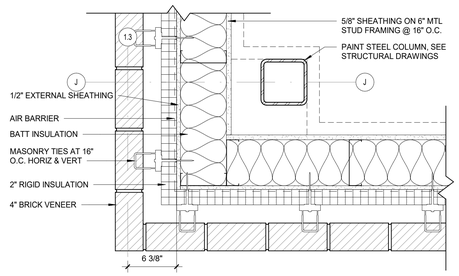

G1 PLAN DETAIL - AREA A @ STAIR S2
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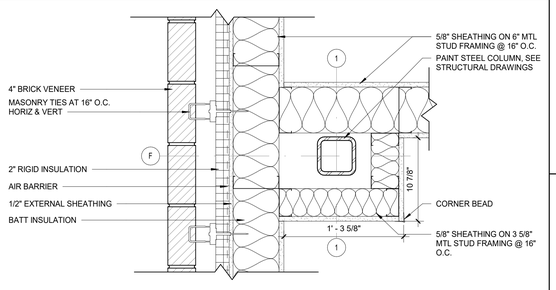
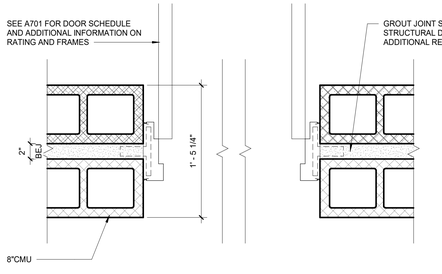
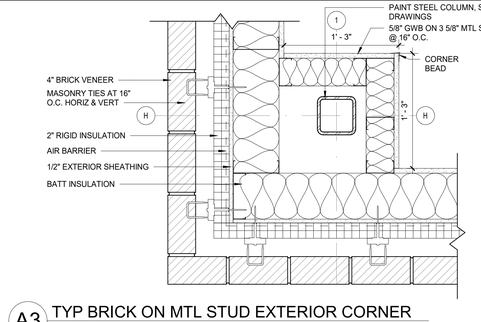


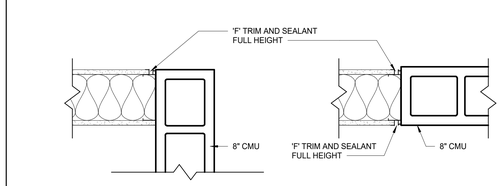
E1 PLAN DETAIL - AREA A @ CLASSROOM A115
1 1/2" = 1'-0"



C1 PLAN DETAIL - AREA D - DOOR AT BUILDING JOINT
1 1/2" = 1'-0"



A3 TYP BRICK ON MTL STUD EXTERIOR CORNER
1 1/2" = 1'-0"



J3 TYP CMU TO GWB CONNECTION
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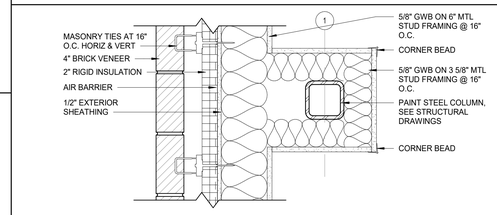

H3 PLAN DETAIL - AREA A @ A113
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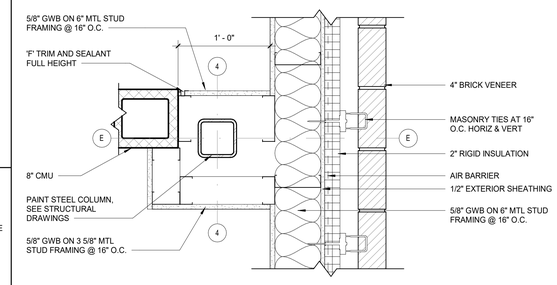

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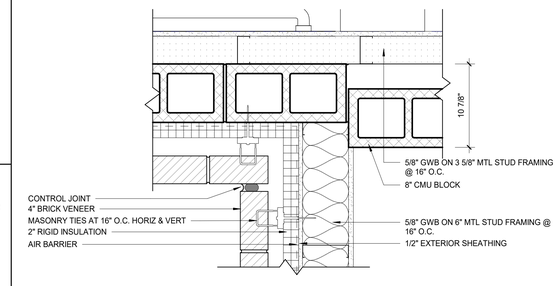

D3 PLAN DETAIL - AREA D @ TLT D116A
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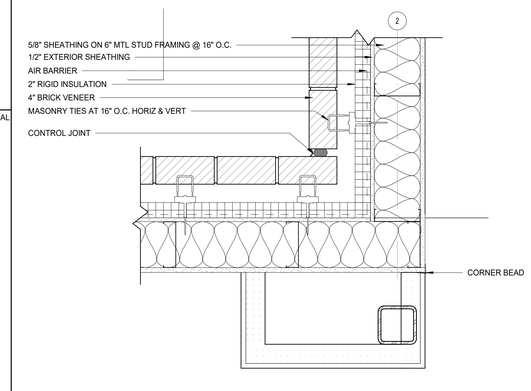

A1 TYP BRICK ON MTL STUD INTERIOR CORNER
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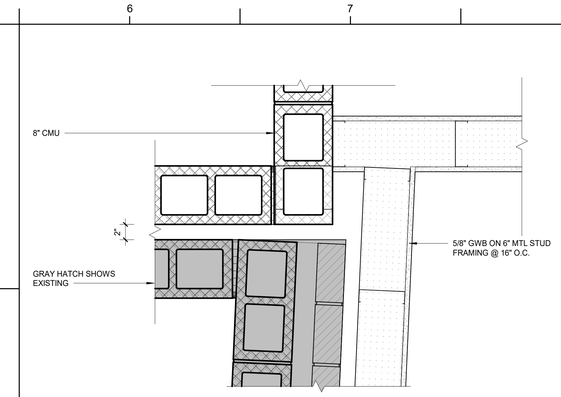

H6 PLAN DETAIL - AREA E @ VISITOR LOCKER E104
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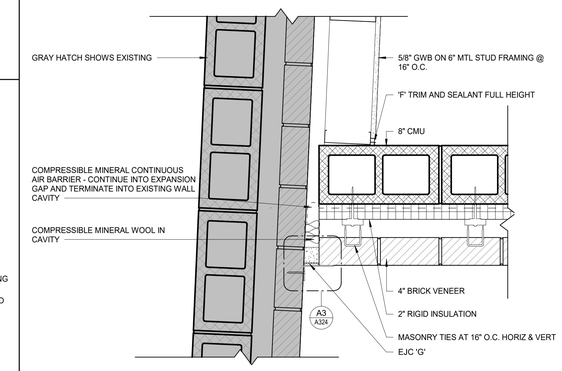
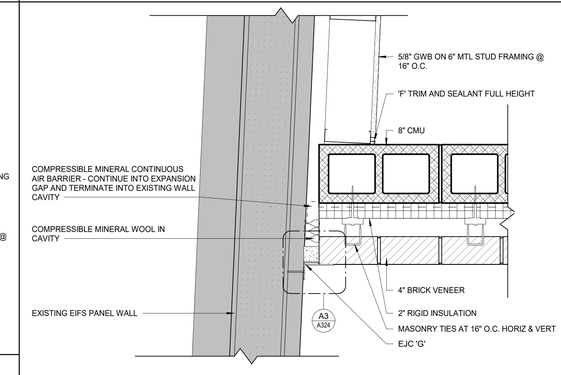


F6 PLAN DETAIL - AREA D - BUILDING JOINT
1 1/2" = 1'-0"



C6 PLAN DETAIL - AREA D - BUILDING JOINT @ EIFS WALL
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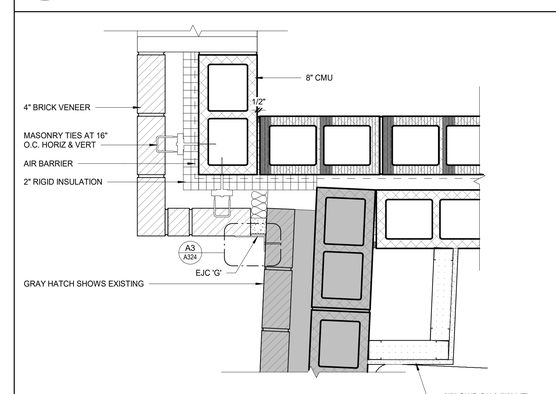
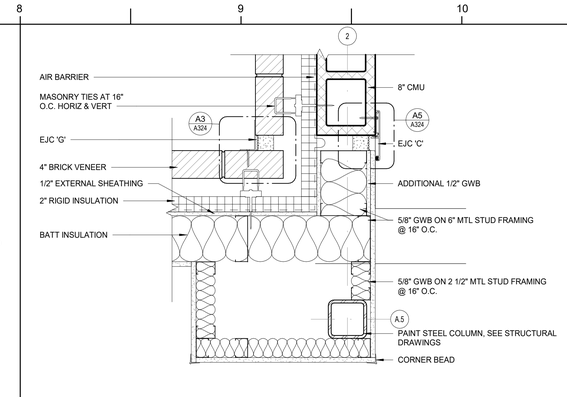
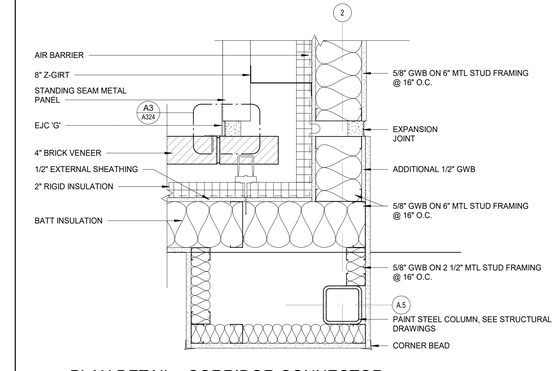


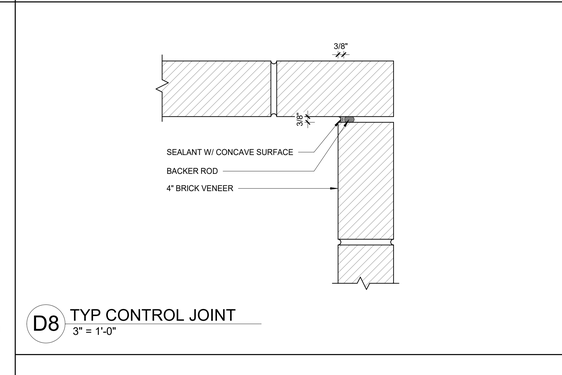
A6 PLAN DETAIL - AREA E @ STORAGE E103
1 1/2" = 1'-0"



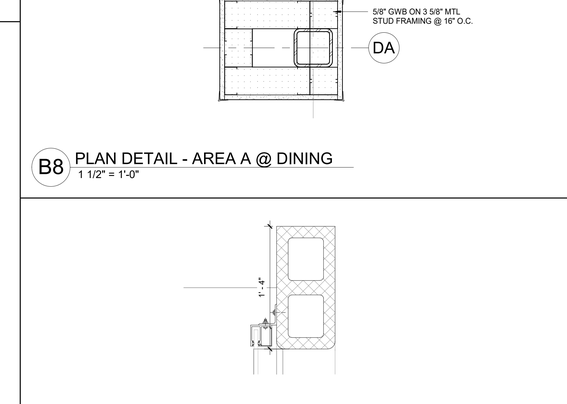
H8 PLAN DETAIL - CORRIDOR CONNECTOR - BID ALT NO. 2 - BOTTOM
1 1/2" = 1'-0"



F8 PLAN DETAIL - CORRIDOR CONNECTOR - BID ALT NO. 2 - ABOVE CEILING
1 1/2" = 1'-0"



D8 TYP CONTROL JOINT
3" = 1'-0"



B8 PLAN DETAIL - AREA A @ DINING
1 1/2" = 1'-0"

A8 TYP COILING GRILLE JAMB DETAIL
1 1/2" = 1'-0"

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DKA JOB NUMBER
2401

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Plot Date: 1/16/2025 5:36:27 AM

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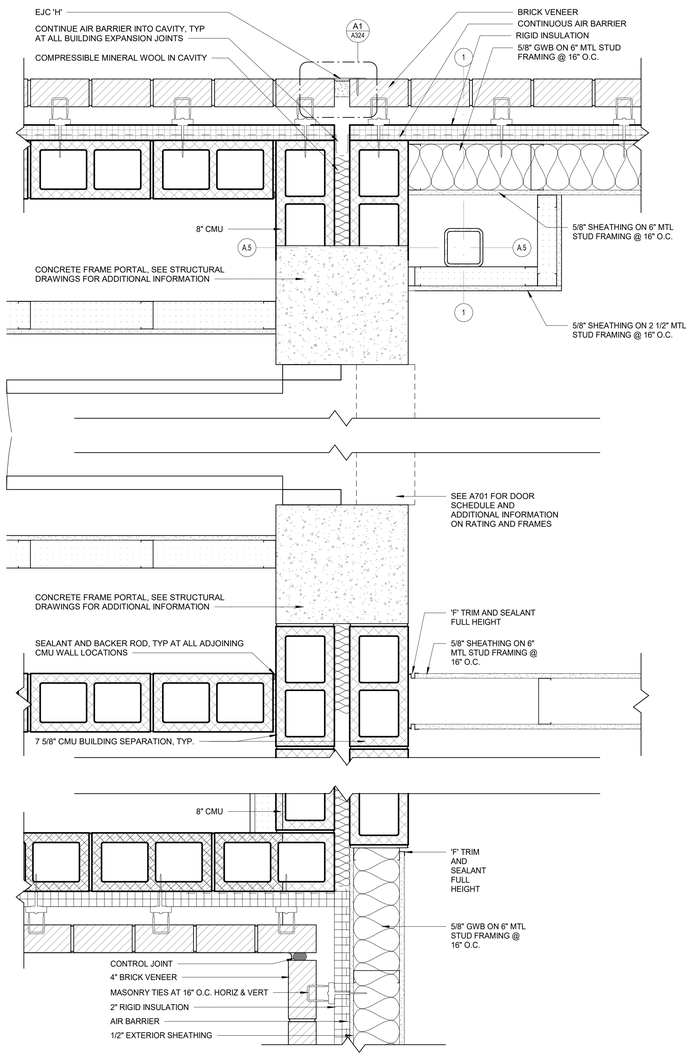
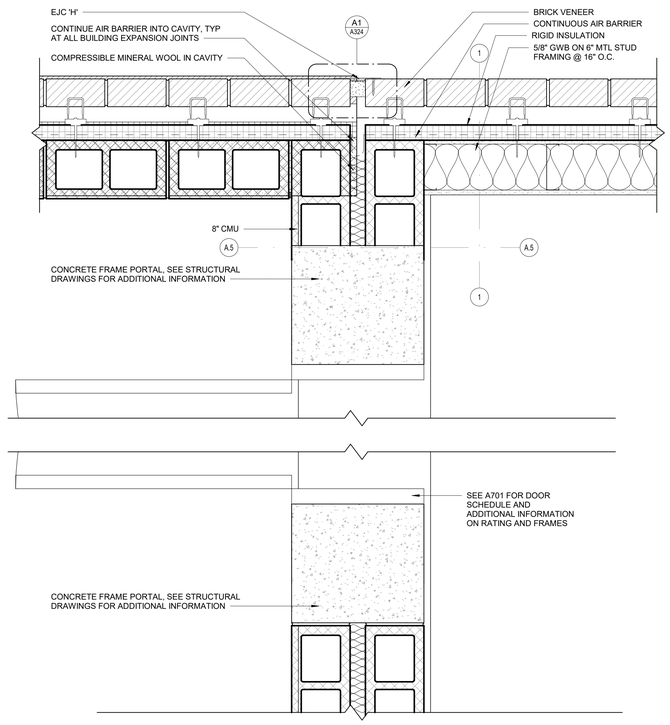
SHEET TITLE
PLAN DETAILS

A330



D1 FIRE WALL AND BUILDING EXPANSION JOINT - AREA A & C @ FIRST FLOOR
1 1/2" = 1'-0"



F4 FIRE WALL AND BUILDING EXPANSION JOINT - AREA A & C @ SECOND FLOOR
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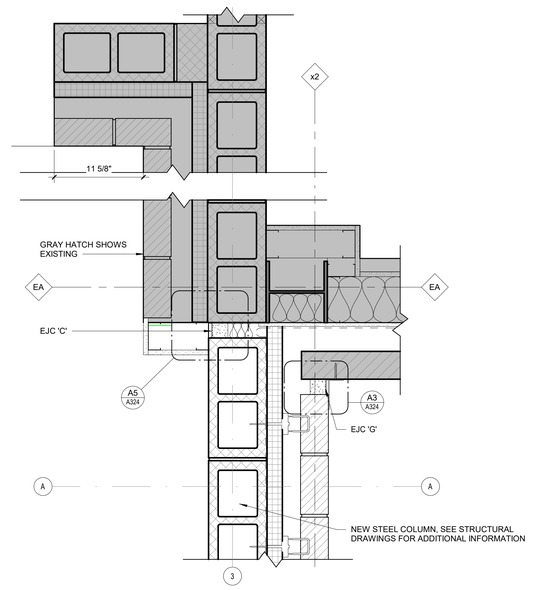
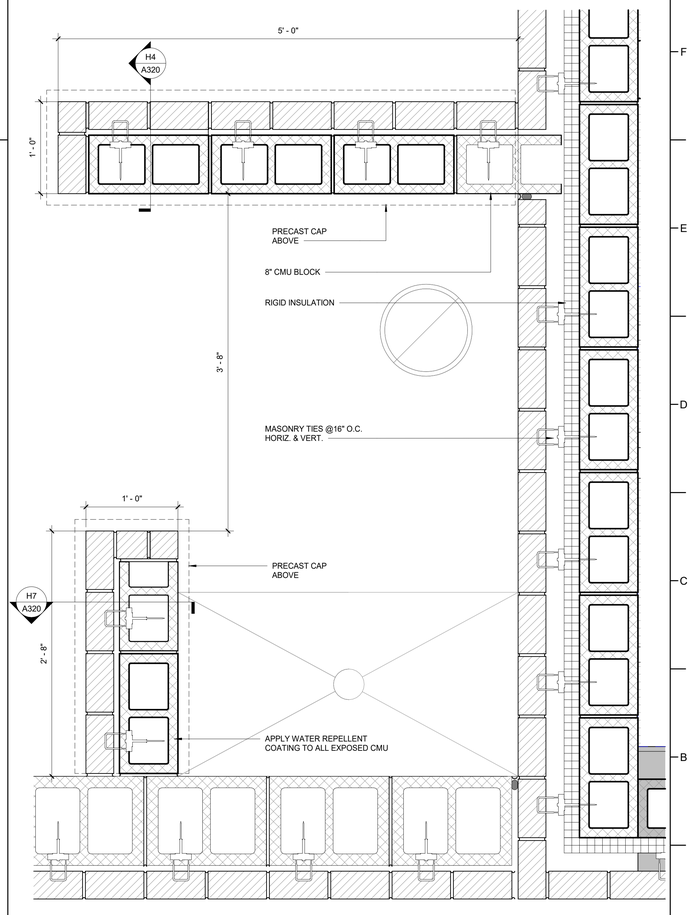


G8 PLAN DETAIL - AREA A/B BUILDING CONNECTION - BID ALT NO. 2
1 1/2" = 1'-0"



A8 CAN PLAN DETAIL @ AREA D
1 1/2" = 1'-0"

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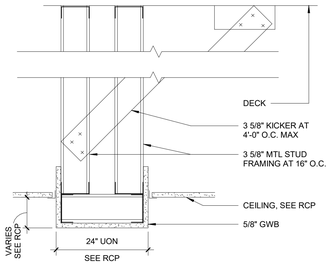
01/10/2025

SHEET TITLE
PLAN DETAILS

A331



J1 TYPICAL GWB BULKHEAD, DOUBLE STUD DETAIL
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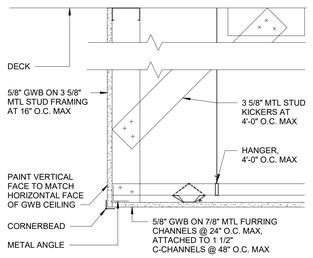

J3 TYPICAL GWB CEILING TO EXPOSED CEILING
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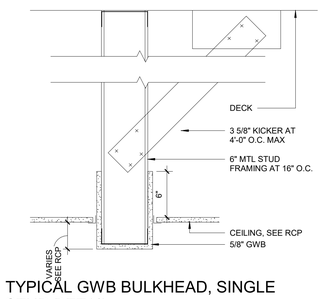

G1 TYPICAL GWB BULKHEAD, SINGLE STUD DETAIL
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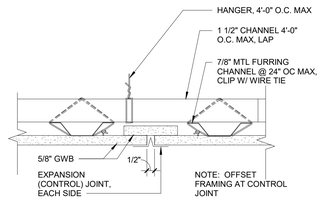

G3 TYPICAL GWB SUSPENDED CEILING CONTROL JOINT DETAIL
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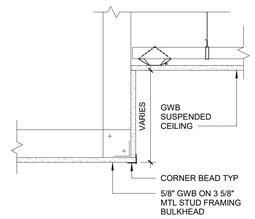

E1 TYPICAL GWB BULKHEAD DETAIL AT CEILING HEIGHT CHANGE
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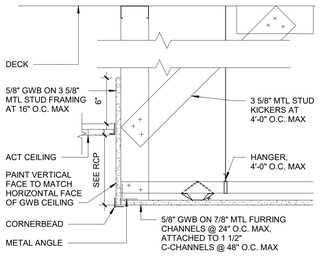

C1 TYPICAL GWB BULKHEAD TO ACT DETAIL
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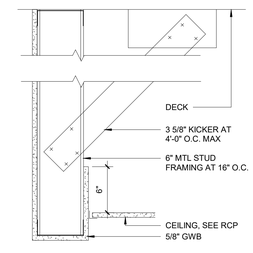

A1 TYPICAL GWB BULKHEAD TO EXPOSED CEILING
1 1/2" = 1'-0"

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Drawn By: VK
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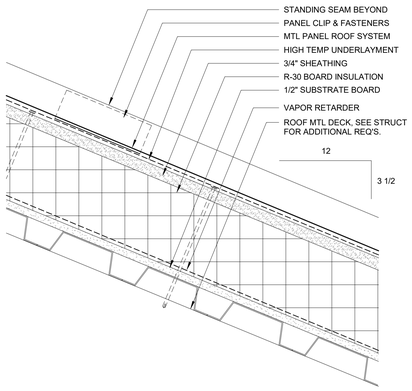
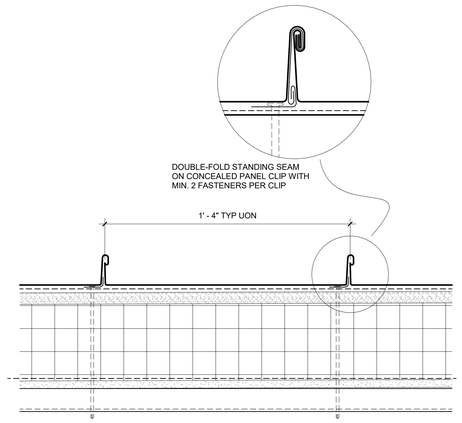
DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
CEILING DETAILS

A332



H1 TYP ROOF ASSEMBLY SECTION AT STEEP SLOPE
3" = 1'-0"



H3 TYP ROOF ASSEMBLY CROSS SECTION AT STEEP SLOPE
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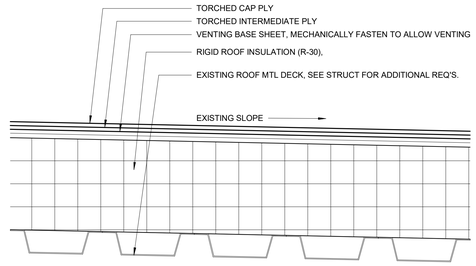
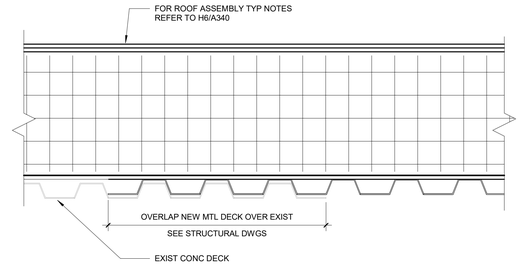
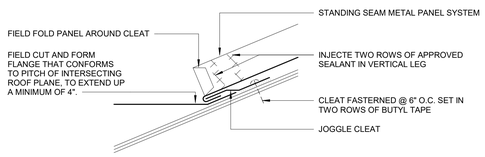


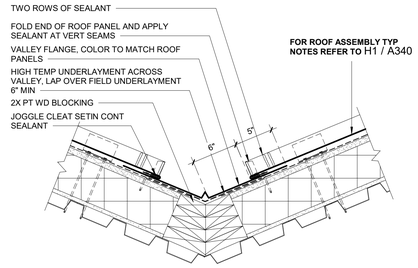
H6 TYP ROOF ASSEMBLY AT LOW-SLOPE
3" = 1'-0"



H8 TYP ROOF PATCH DETAIL
3" = 1'-0"



F1 PANEL DETAIL AT RIDGE - INTERSECTION
6" = 1'-0"



F3 TYP ROOF VALLEY DETAIL
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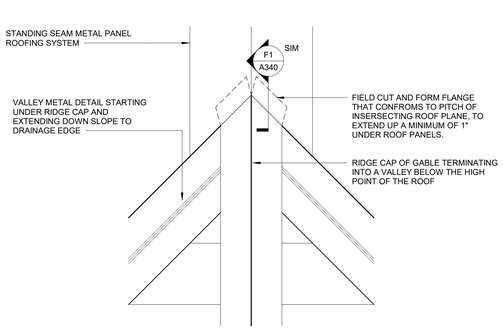

D1 PANEL DETAIL AT RIDGE - VALLEY INTERSECTION
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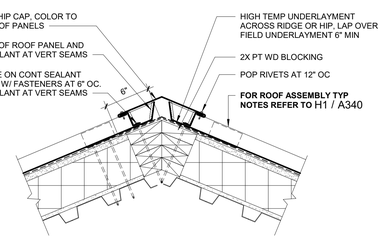

D3 TYP ROOF RIDGE/HIP DETAIL
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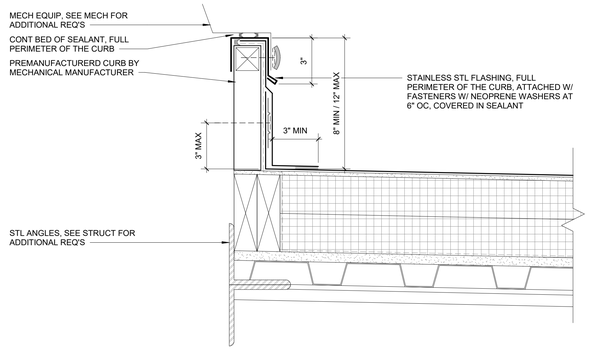
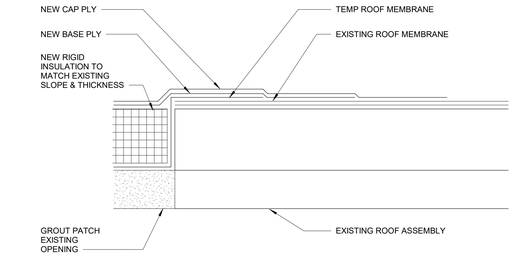
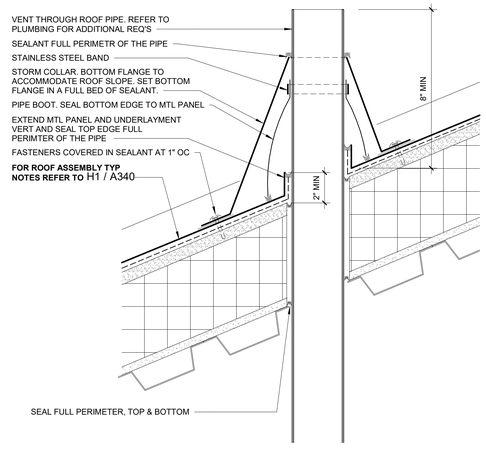


D6 ROOF CURB AT MECH EQUIP DETAIL
3" = 1'-0"



A1 TYP ROOF PATCH
3" = 1'-0"



A3 TYP ROOF PENETRATION
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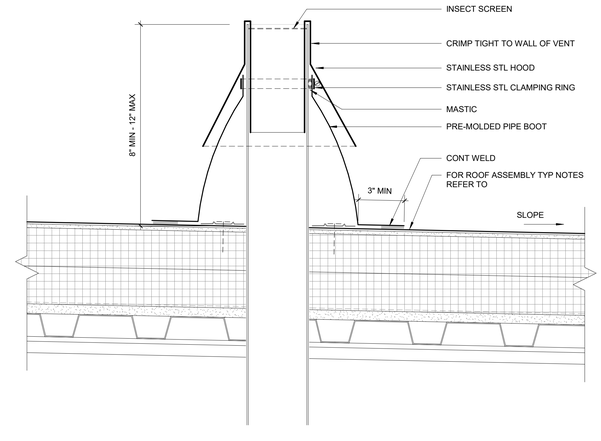
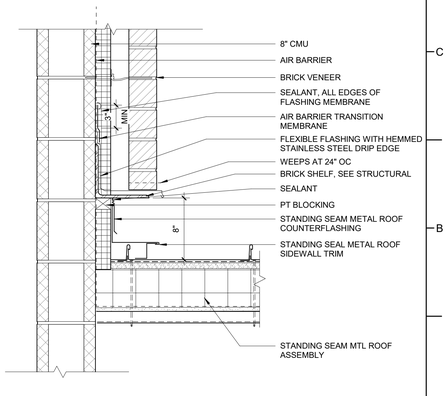


A6 VENT THROUGH ROOF (VTR) DETAIL
3" = 1'-0"



A9 STANDING SEAM METAL ROOF SIDEWALL FLASHING
1 1/2" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. — 50304 — NORTH CAROLINA — RALEIGH, N.C.

ROBERT C. STEVENSON — REGISTERED ARCHITECT — 6214 — 1-10-25 — NORTH CAROLINA — RALEIGH, N.C.

DKA JOB NUMBER
2401

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PM: BETH KING
Drawn By: SCOTT KRABATH
Plot Date: 1/16/2025 5:36:34 AM

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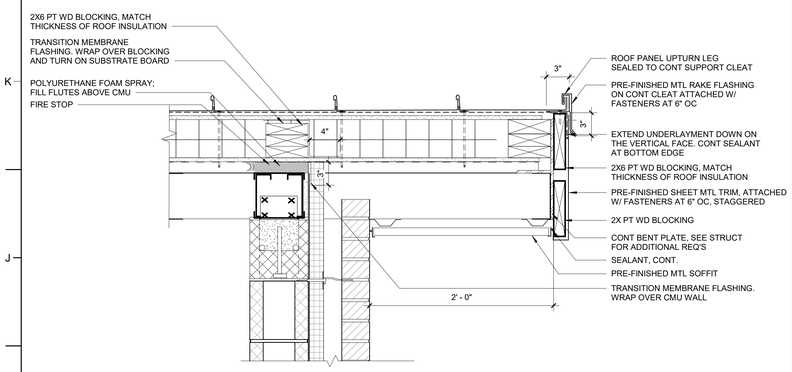
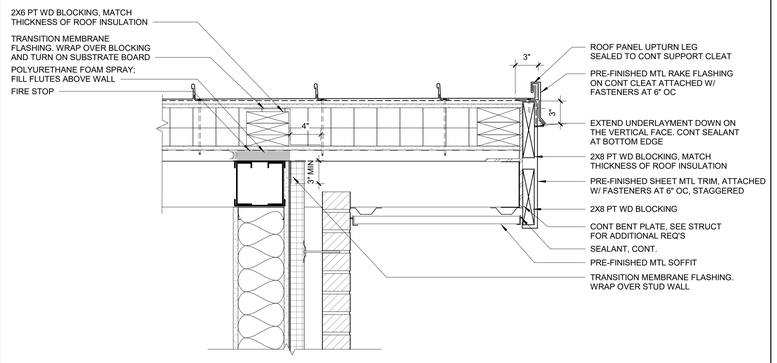
01/10/2025

SHEET TITLE
ROOF DETAILS

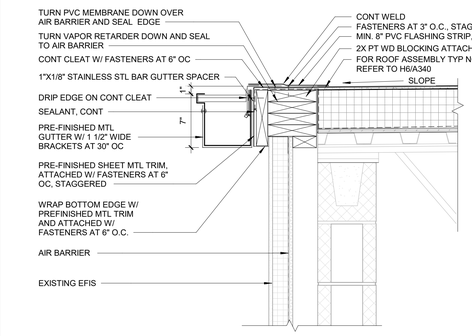
A340



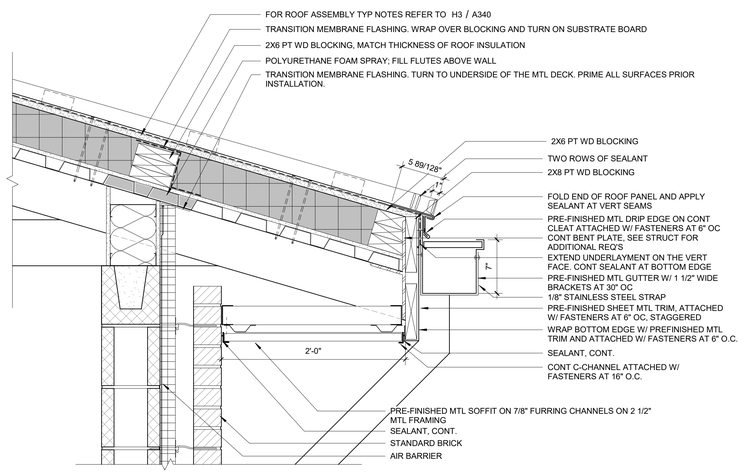
H1 ROOF OVERHANG DETAIL AT CMU
1 1/2" = 1'-0"



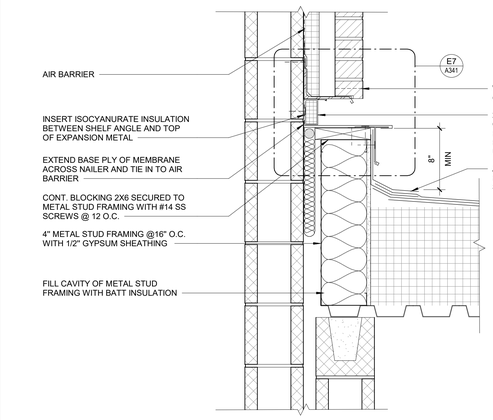
H4 ROOF OVERHANG DETAIL AT METAL STUD
1 1/2" = 1'-0"



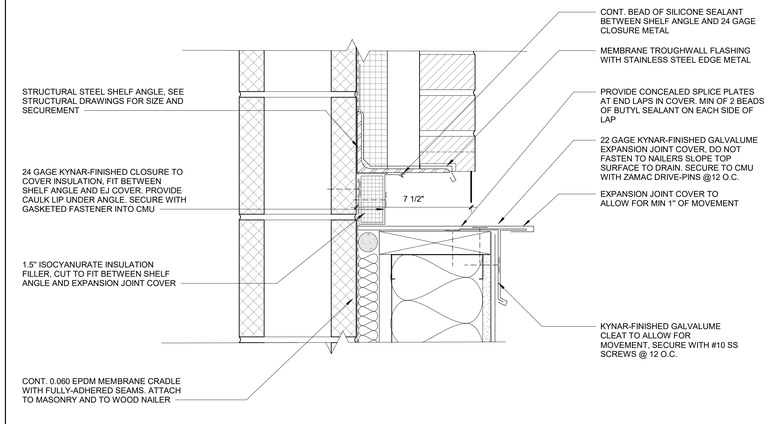
H8 ROOF EDGE DETAIL
1 1/2" = 1'-0"



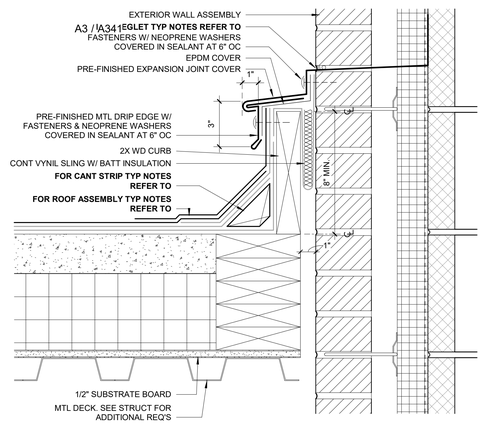
E1 TYP ROOF EAVE
1 1/2" = 1'-0"



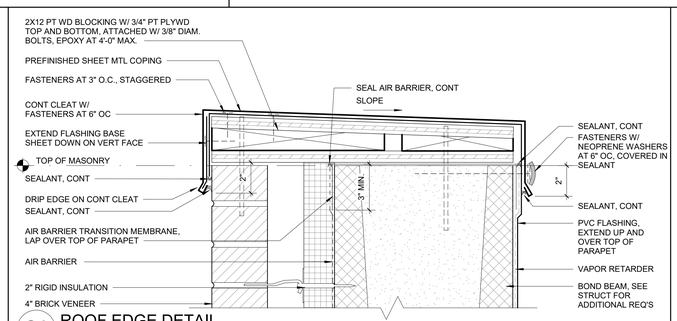
E4 EXPANSION JOINT FLASHING DETAIL
1 1/2" = 1'-0"



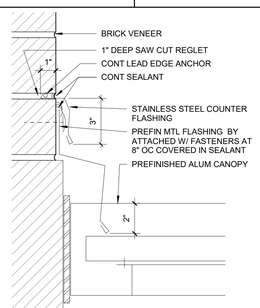
E7 ENLARGED DETAIL AT EXPANSION FLASHING
3" = 1'-0"



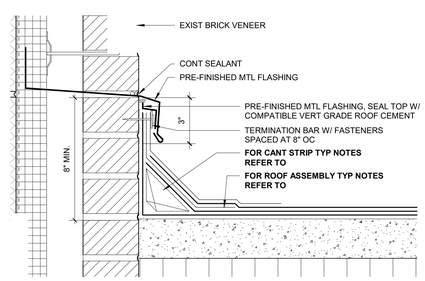
A1 ROOF EXPANSION JOINT DETAIL
3" = 1'-0"



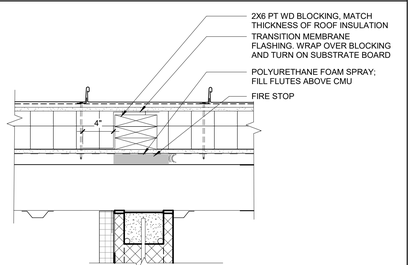
C3 ROOF EDGE DETAIL
3" = 1'-0"



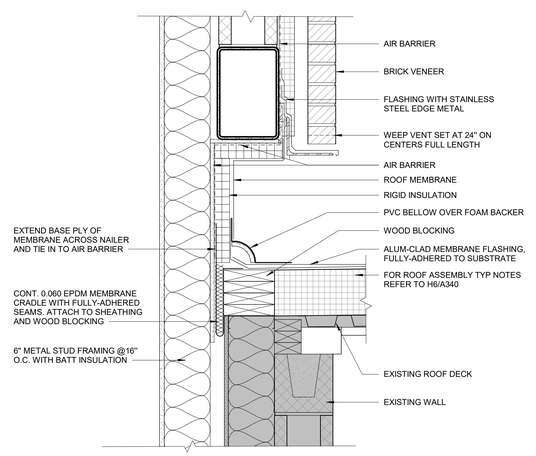
C6 AWNING FLASHING DETAIL
3" = 1'-0"



A3 ROOF CURB AT WALL DETAIL
3" = 1'-0"



A6 ROOF DETAIL AT CMU
1 1/2" = 1'-0"



A8 EXPANSION JOINT FLASHING DETAIL AT EIFS WALL
1 1/2" = 1'-0"

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541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

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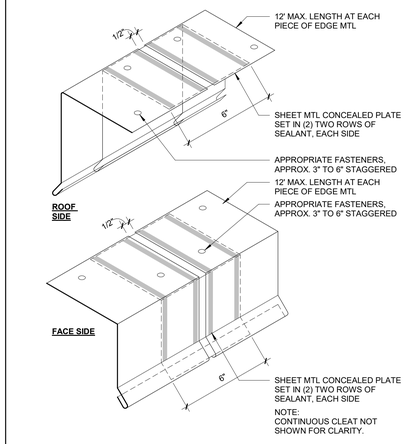
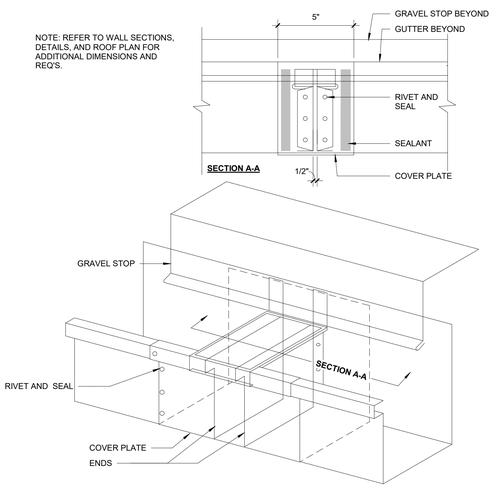
SHEET TITLE
ROOF DETAILS

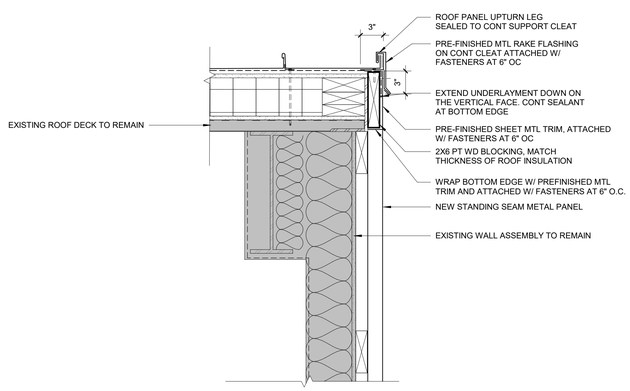
A341



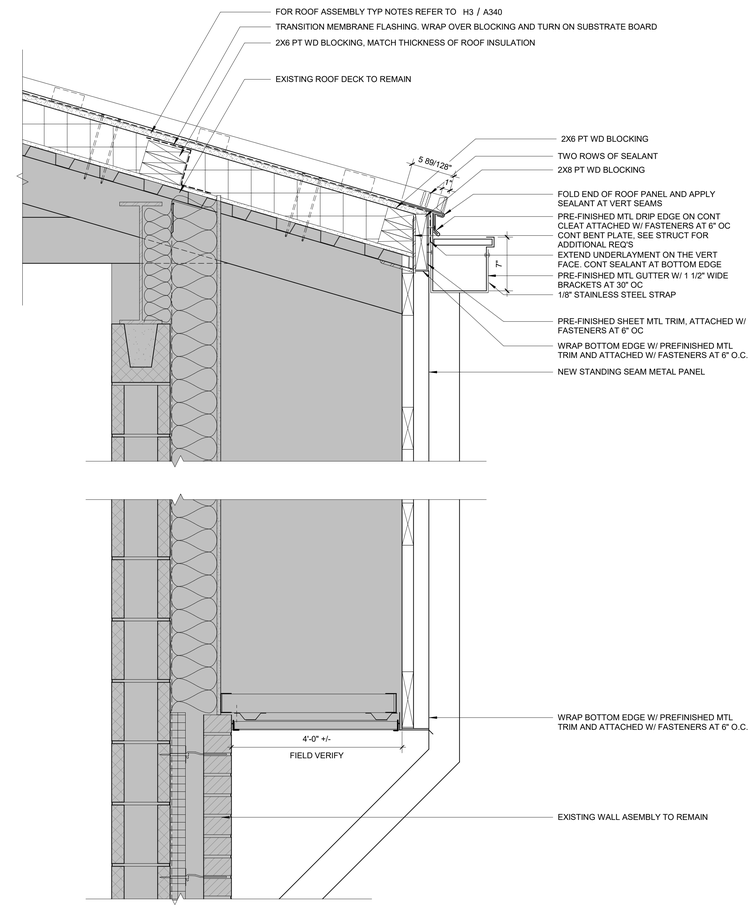
4 TYP ROOF DETAIL - EDGE MTL W/ COVER PLATE
3" = 1'-0"



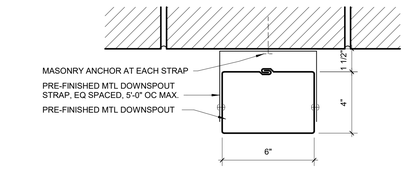
1 TYP ROOF DETAIL - GUTTER EXPANSION JOINT
3" = 1'-0"



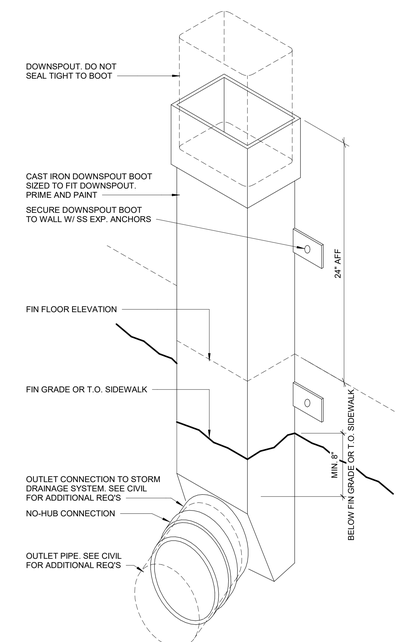
A1 AREA B - ROOF END/RAKE DETAIL
1 1/2" = 1'-0"



A4 AREA B - ROOF EAVE DETAIL
1 1/2" = 1'-0"



2 TYP DOWNSPOUT DETAIL
3" = 1'-0"



3 TYP DOWNSPOUT BOOT DETAIL
3" = 1'-0"

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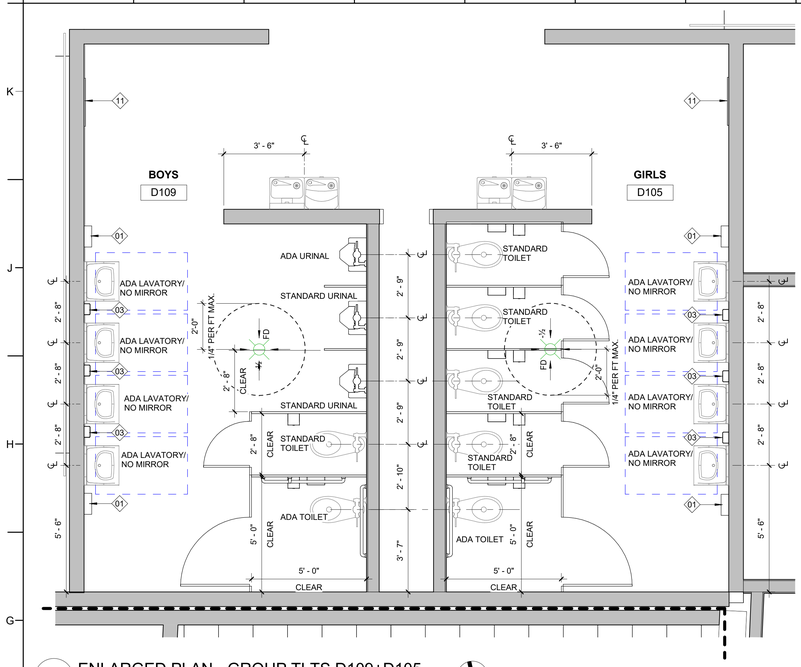
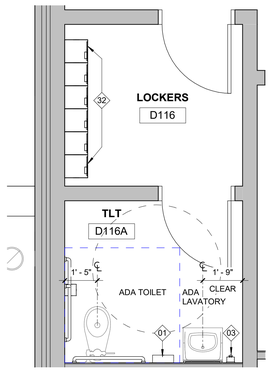
SHEET TITLE
ROOF DETAILS

A342



G1 ENLARGED PLAN - GROUP TLTS D109+D105
3/8" = 1'-0"



H5 ENLARGED PLAN - TLT D116A
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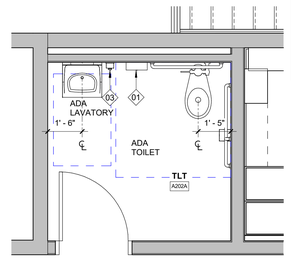
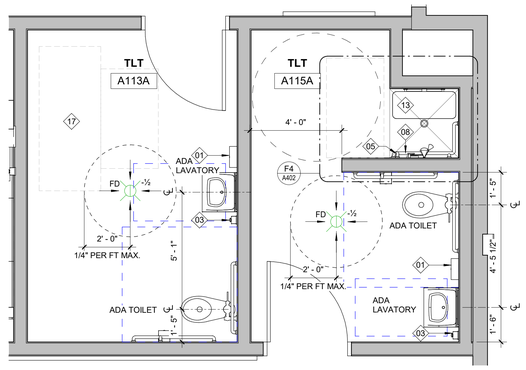


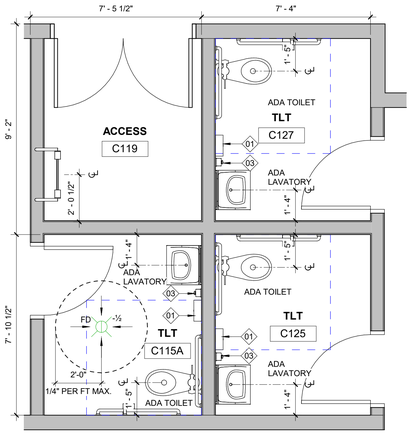
H8 ENLARGED PLAN - TLT A202A
3/8" = 1'-0"

ENLARGED PLAN & INTERIOR ELEVATION GENERAL NOTES:

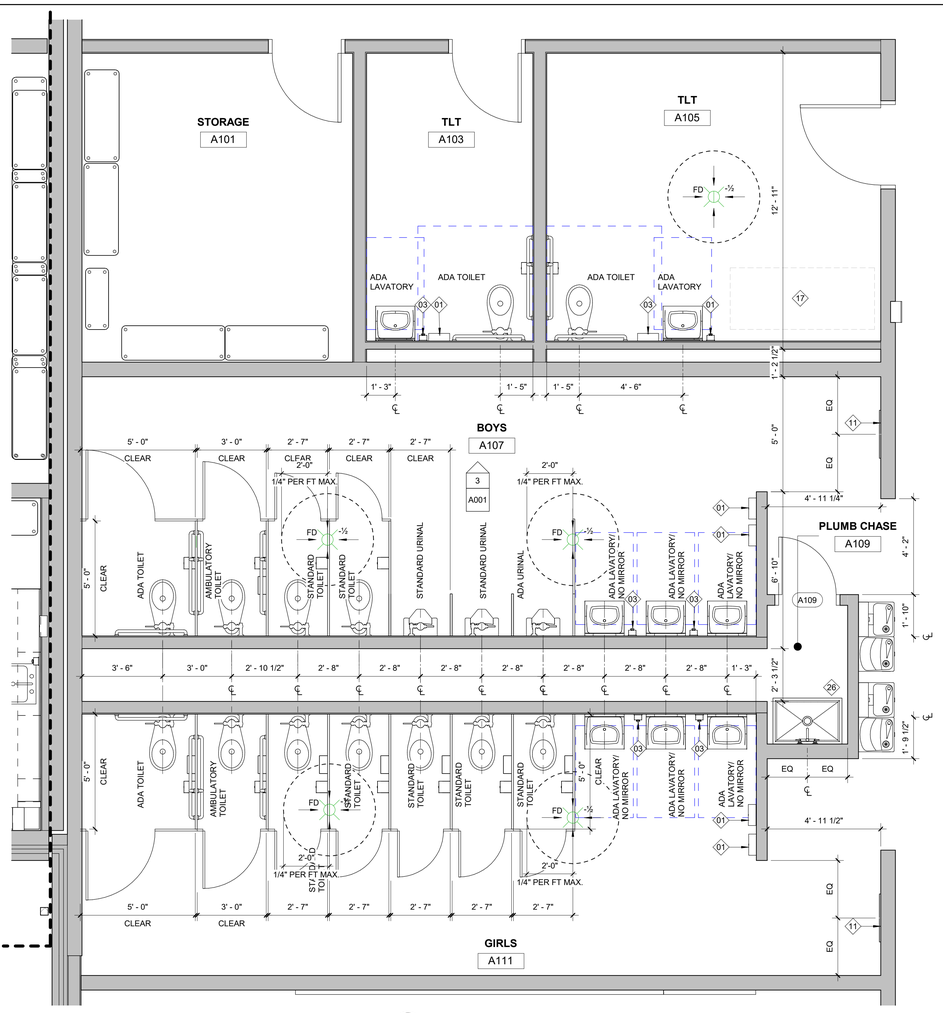
1. SEE SHEET A000 FOR TOILET ACCESSORIES, TYPICAL MOUNTING HEIGHTS AND ADDITIONAL REQ.
2. FOR FF&E LEGEND SEE A000.
3. CLEAR DIMENSIONS ARE FROM FINISH FACE OF THE WALL TO FINISH FACE OF THE WALL OR PARTITION.
4. PROVIDE 2X SOLID WOOD BLOCKING CONCEALED IN METAL STUD WALL CONSTRUCTION FOR WALL-MOUNTED FIXTURES, FURNISHINGS, EQUIPMENT AND ACCESSORIES.



E5 ENLARGED PLAN - EC CLASSROOM TOILETS
3/8" = 1'-0"



E8 ENLARGED PLAN - STAFF AND NURSE TOILETS
3/8" = 1'-0"



A1 ENLARGED PLAN - GROUP TLTS A107+A111
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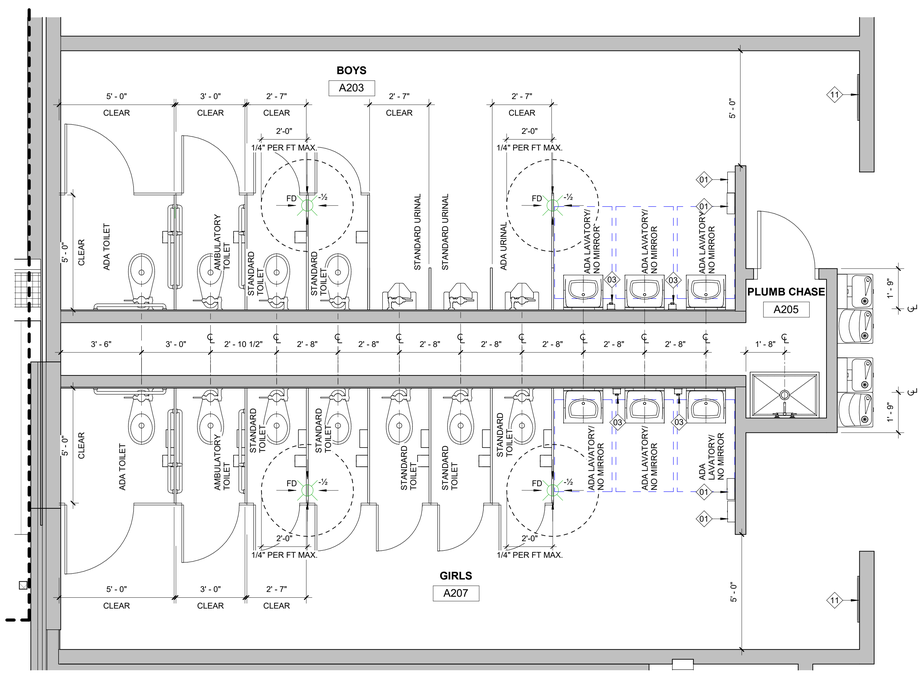

A5 ENLARGED PLAN - GROUP TLTS A203+A207
3/8" = 1'-0"

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SEALS

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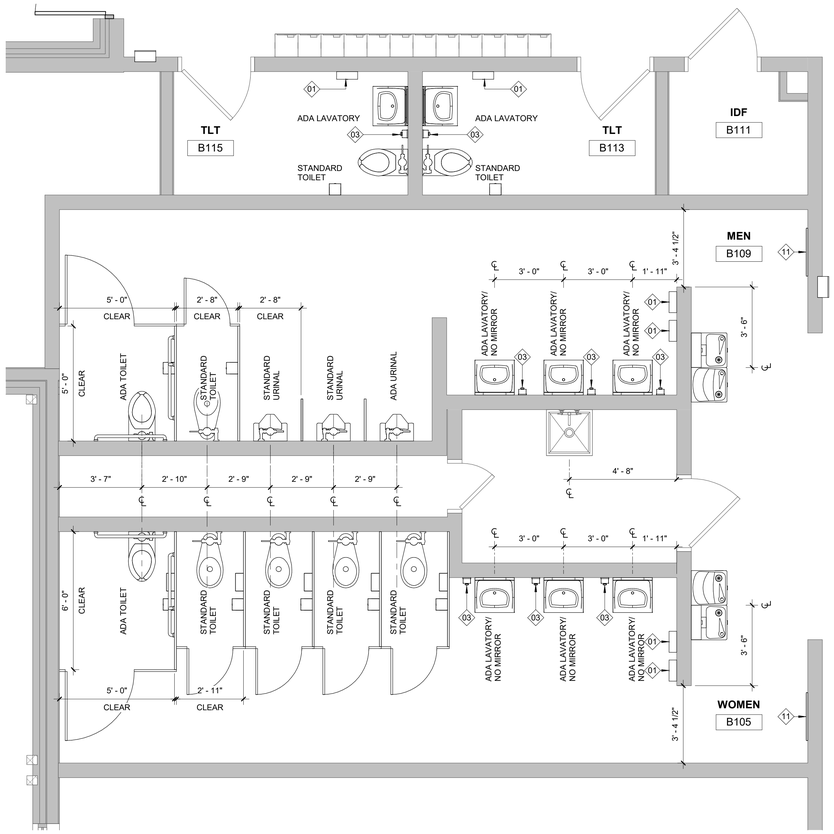
SHEET TITLE
ENLARGED PLANS - TOILETS

A400



E1 ENLARGED PLAN - GROUP TLTS B115, B113, B109+B105
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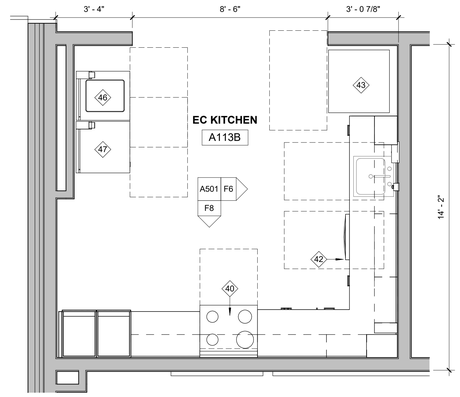

E5 ENLARGED PLAN - EC KITCHEN A113B
3/8" = 1'-0"

ENLARGED PLAN & INTERIOR ELEVATION GENERAL NOTES:

1. SEE SHEET A000 FOR TOILET ACCESSORIES, TYPICAL MOUNTING HEIGHTS AND ADDITIONAL REQ.
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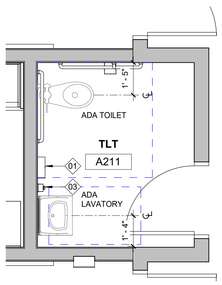
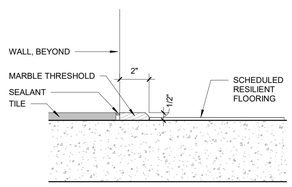
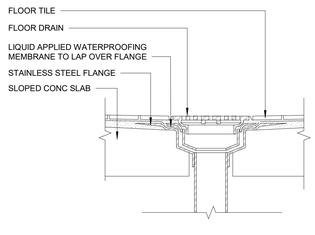


C1 ENLARGED PLAN - TLT A211
3/8" = 1'-0"



C2 SECTION DETAIL - FLOOR TILE TO RESILIENT
3" = 1'-0"



C4 SECTION DETAIL - FLOOR DRAIN IN TILE
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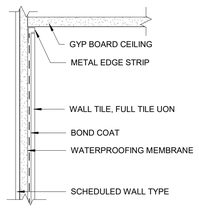

C6 SECTION DETAIL - TOP OF WALL TILE
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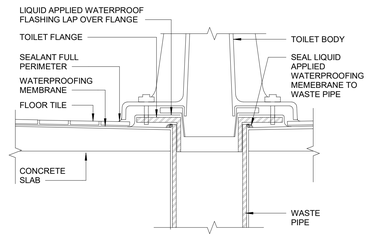

C7 SECTION DETAIL - TOILET ON TILE
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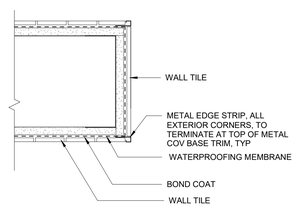

C9 PLAN DETAIL - TILE WALL END CAP
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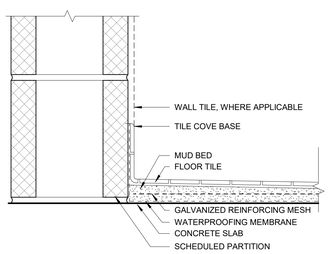

A1 SECTION DETAIL - MUDBED TILE
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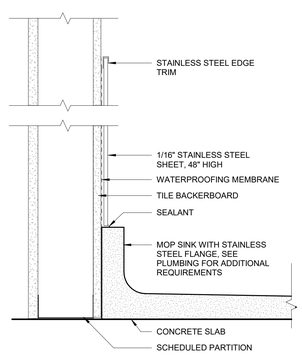
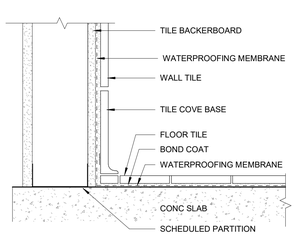
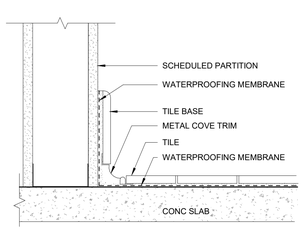


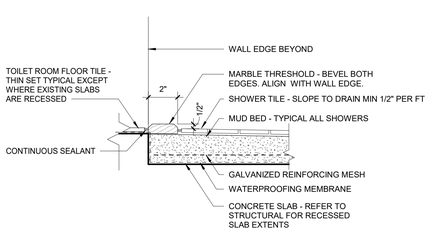
A3 SECTION DETAIL - MOP SINK
3" = 1'-0"



A4 SECTION DETAIL - WALL TILE BASE
3" = 1'-0"



A6 SECTION DETAIL - TILE BASE
3" = 1'-0"



A8 SECTION DETAIL - SHOWER
3" = 1'-0"

SEALS

DKA JOB NUMBER
2401

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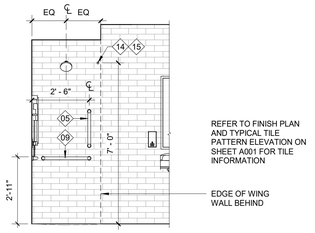
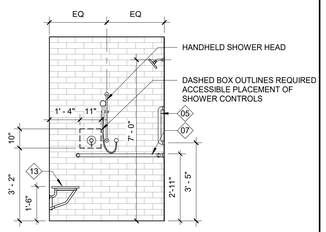
SHEET TITLE

ENLARGED PLANS - TOILETS

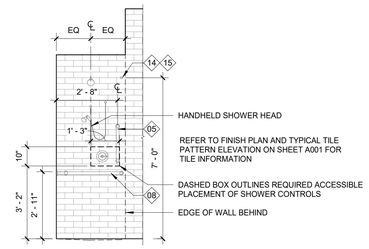
A401



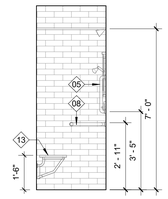
H1 INTERIOR ELEVATION - ROLL-IN SHOWER SIDE
3/8" = 1'-0"



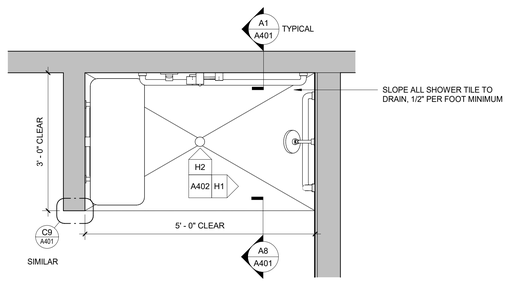
H2 INTERIOR ELEVATION - ROLL-IN SHOWER BACK
3/8" = 1'-0"



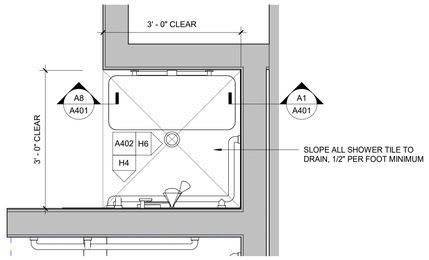
H4 INTERIOR ELEVATION - TRANSFER SHOWER SIDE
3/8" = 1'-0"



H6 INTERIOR ELEVATION - TRANSFER SHOWER BACK
3/8" = 1'-0"



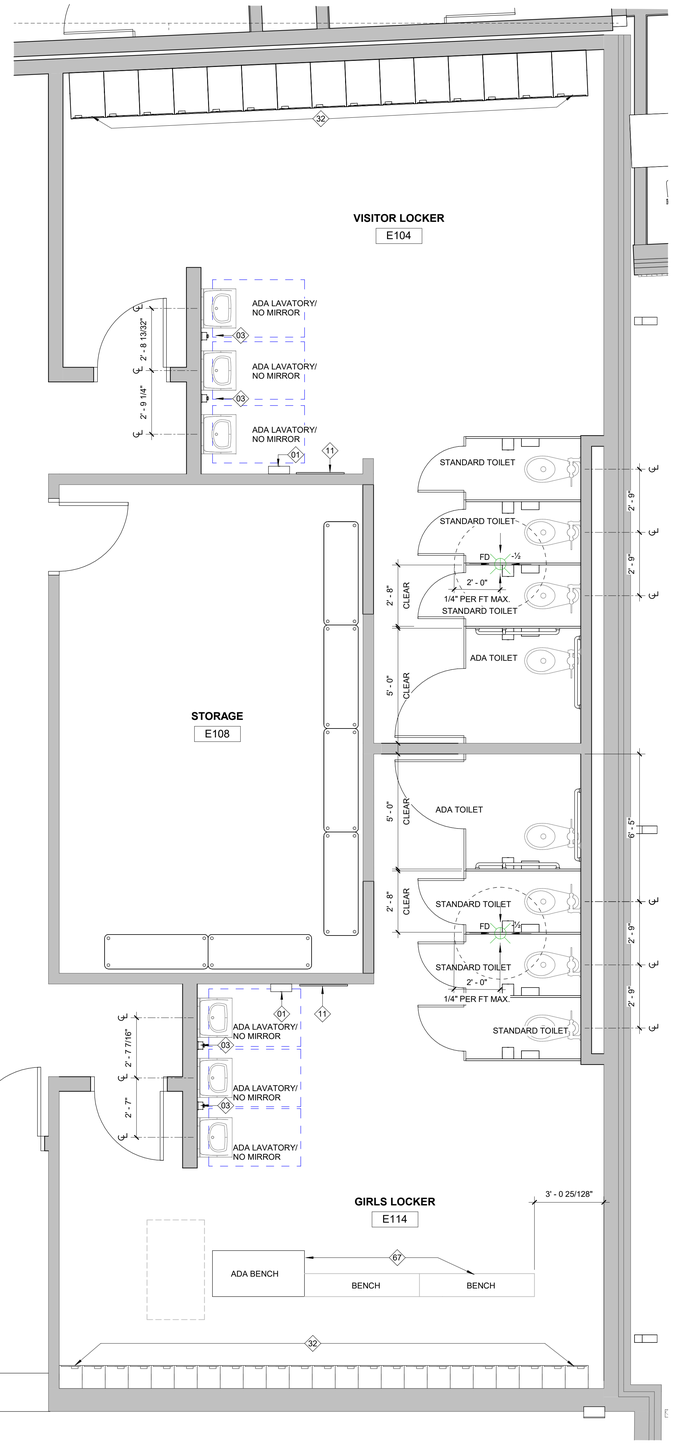
F1 ENLARGED PLAN - ROLL-IN SHOWER
3/4" = 1'-0"



F4 ENLARGED PLAN - TRANSFER SHOWER
3/4" = 1'-0"

ENLARGED PLAN & INTERIOR ELEVATION GENERAL NOTES:

1. SEE SHEET A000 FOR TOILET ACCESSORIES, TYPICAL MOUNTING HEIGHTS AND ADDITIONAL REQ.
2. FOR FF&E LEGEND SEE A000.
3. CLEAR DIMENSIONS ARE FROM FINISH FACE OF THE WALL TO FINISH FACE OF THE WALL OR PARTITION.
4. PROVIDE 2X SOLID WOOD BLOCKING CONCEALED IN METAL STUD WALL CONSTRUCTION FOR WALL-MOUNTED FIXTURES, FURNISHINGS, EQUIPMENT AND ACCESSORIES.



A1 ENLARGED PLAN - LOCKER ROOMS
3/8" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. 50304 NORTH CAROLINA RALEIGH, N.C.

ROBERT C. STEVENSON 6214 NORTH CAROLINA REGISTERED ARCHITECT RALEIGH, N.C.

DKA JOB NUMBER
2401

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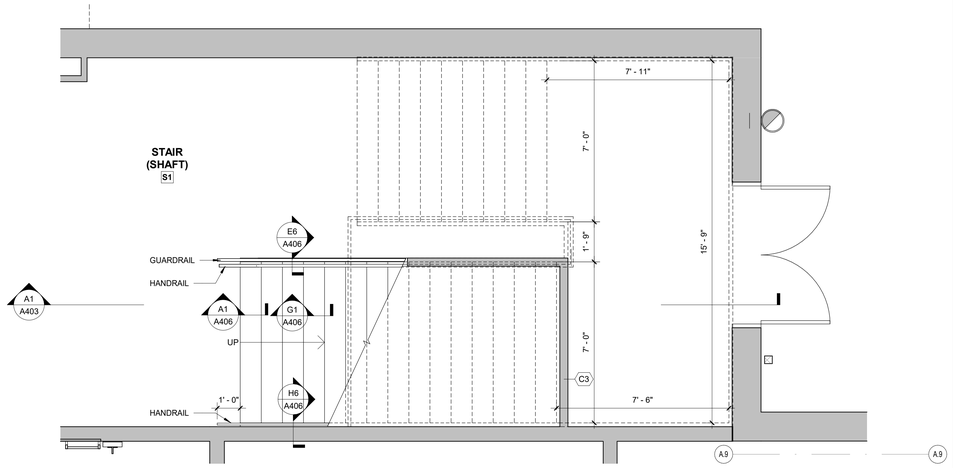
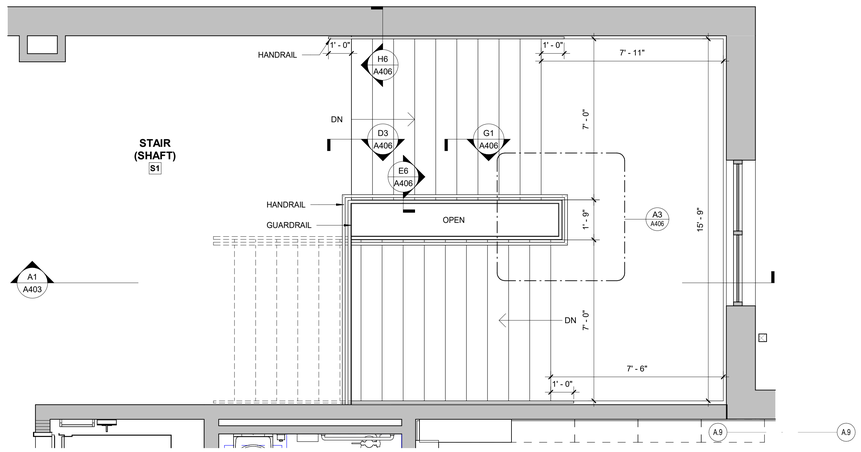
SHEET TITLE
ENLARGED PLANS - GYM BUILDING

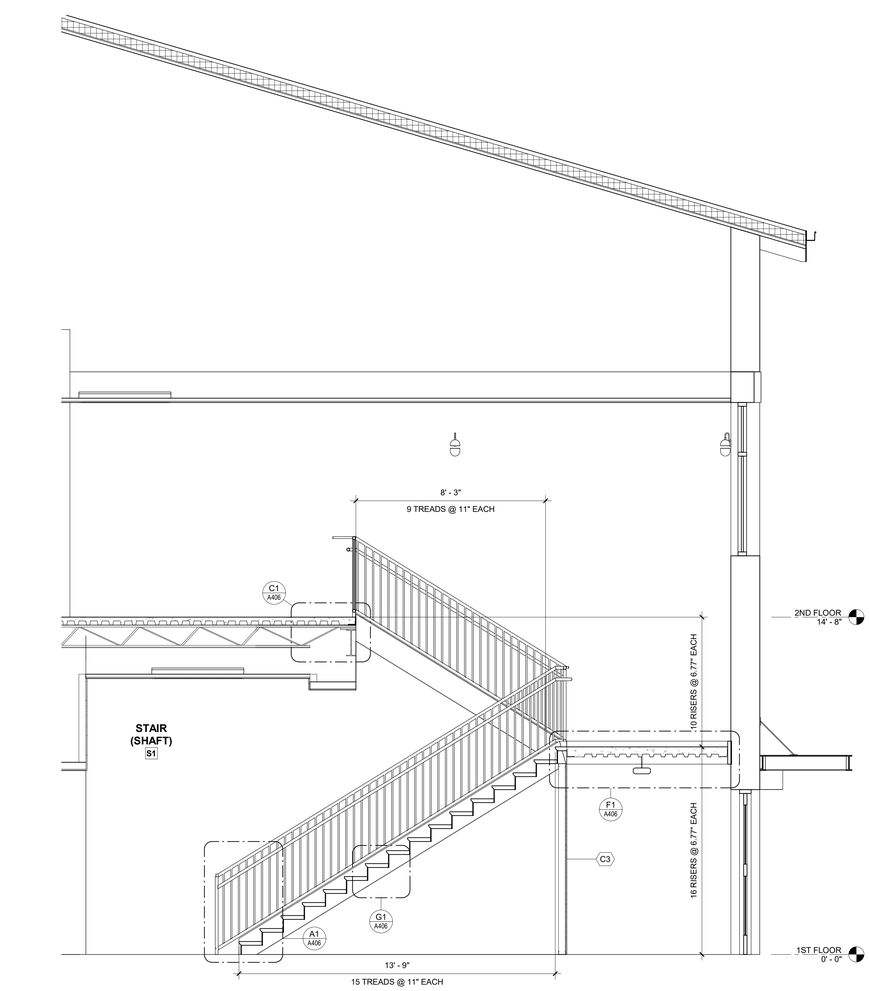
A402



G1 ENLARGED PLAN - FIRST FLOOR - STAIR S1
3/8" = 1'-0"



G5 ENLARGED PLAN - SECOND FLOOR - STAIR S1
3/8" = 1'-0"



A1 STAIR S1 SECTION
3/8" = 1'-0"

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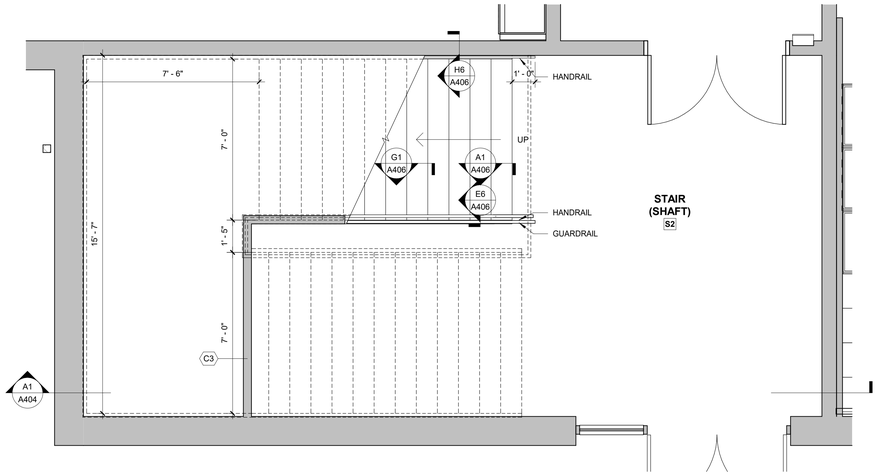
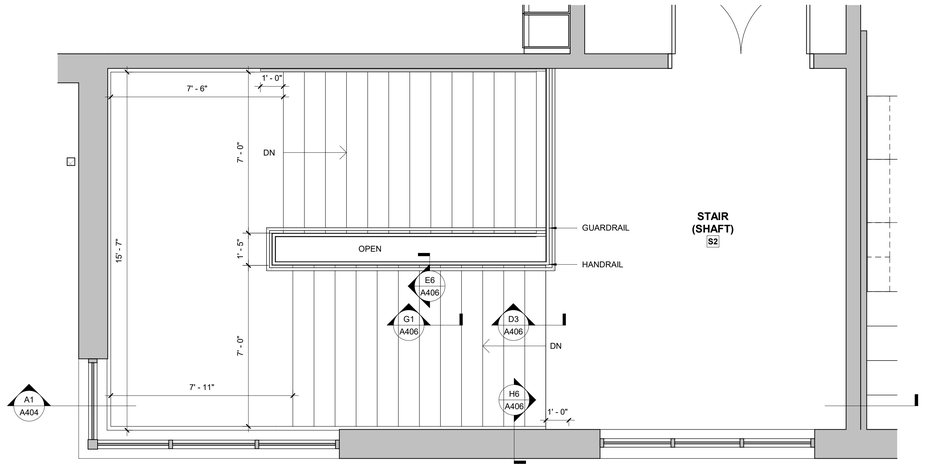
SHEET TITLE
ENLARGED PLANS - STAIRS

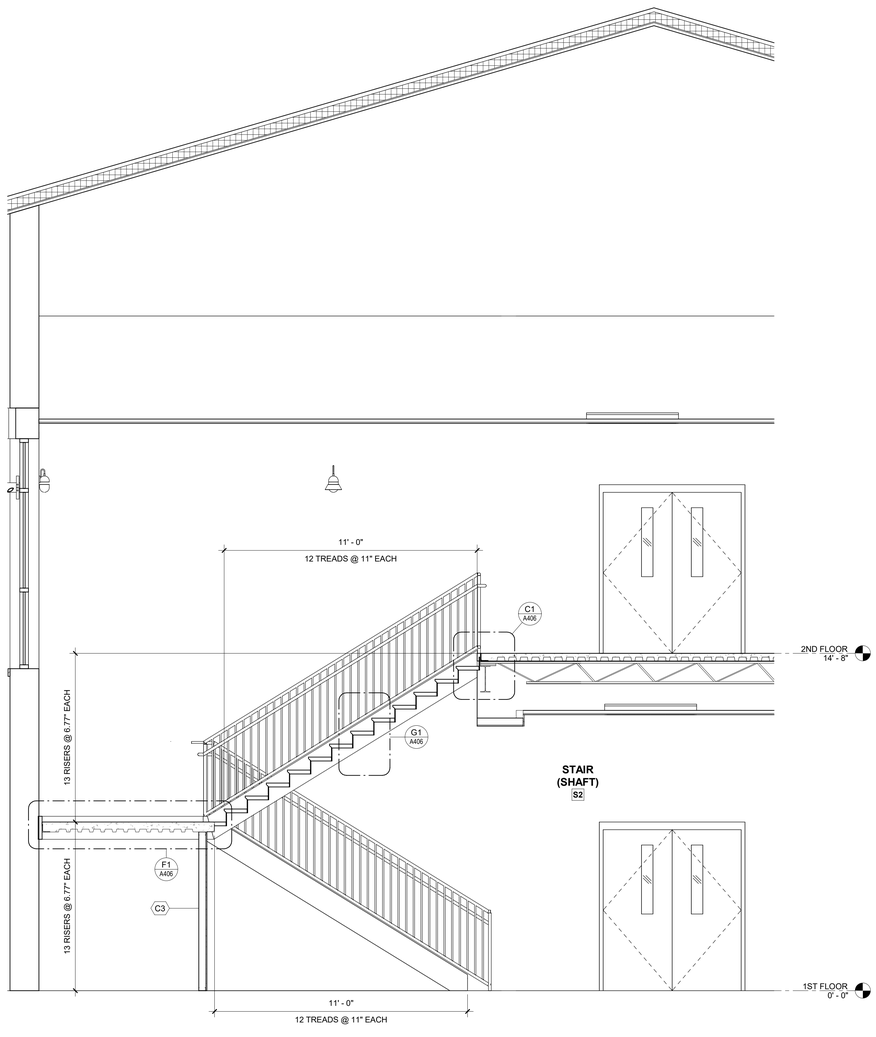
A403



G1 ENLARGED PLAN - FIRST FLOOR - STAIR S2
3/8" = 1'-0"



G5 ENLARGED PLAN - SECOND FLOOR - STAIR S2
3/8" = 1'-0"



A1 STAIR S2 SECTION
3/8" = 1'-0"

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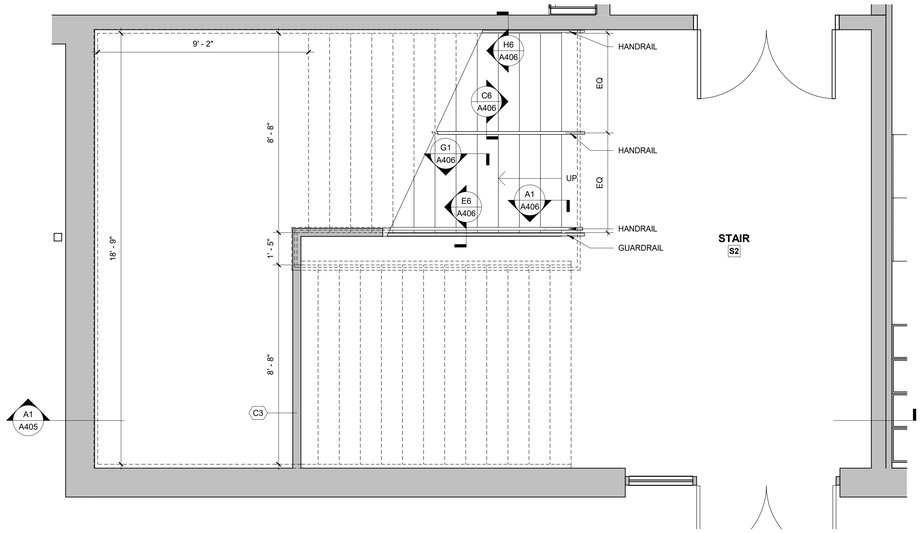
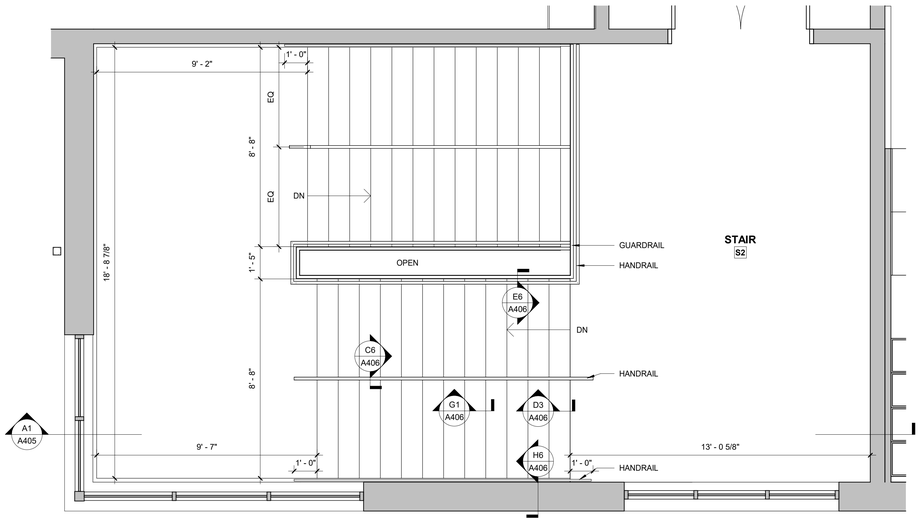
SHEET TITLE
ENLARGED PLANS - STAIRS

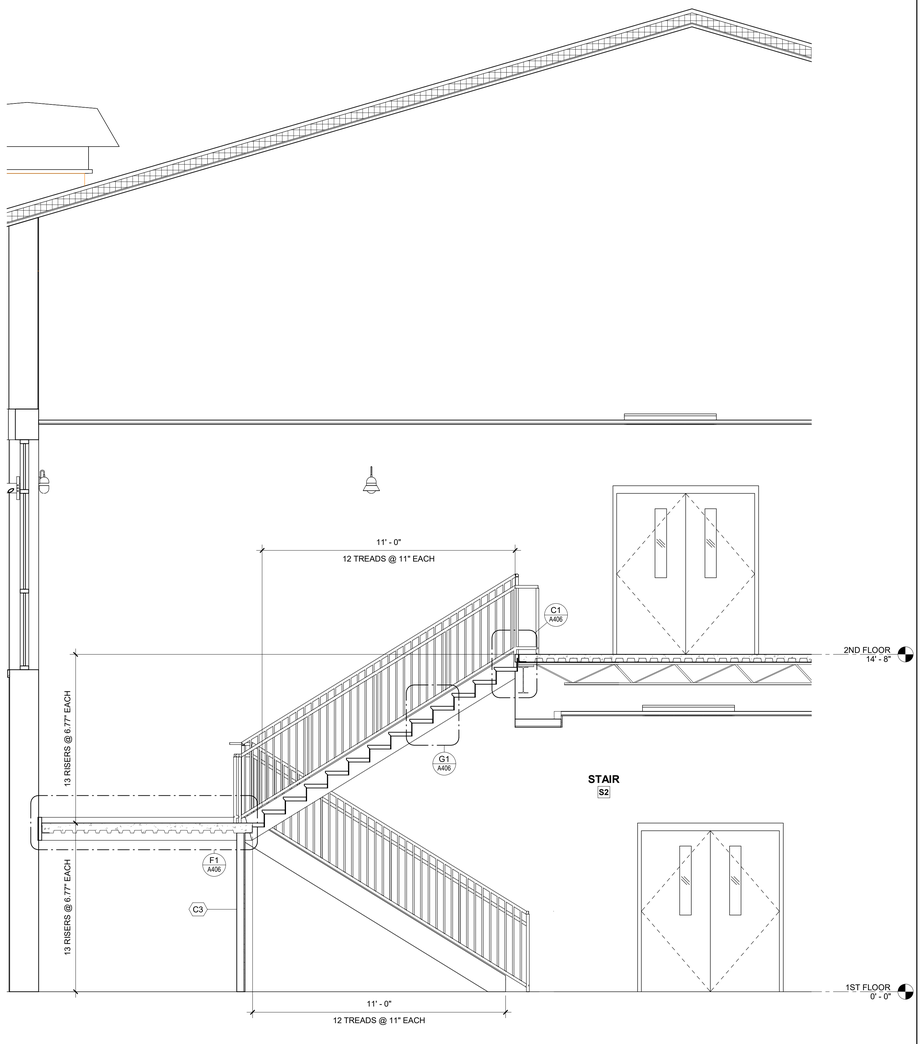
A404



G1 ENLARGED PLAN - FIRST FLOOR ALT - STAIR S2
3/8" = 1'-0"



G5 ENLARGED PLAN - SECOND FLOOR ALT - STAIR S2
3/8" = 1'-0"



A1 STAIR S2 ALT SECTION
3/8" = 1'-0"

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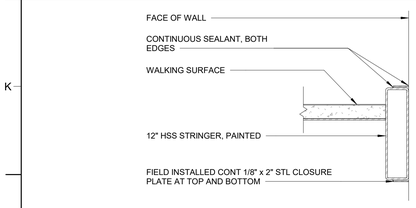
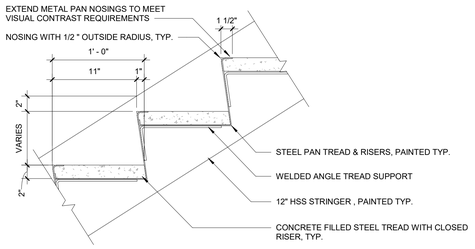
SHEET TITLE
ENLARGED PLANS - STAIRS

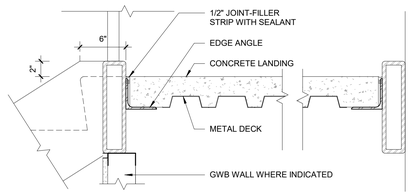
A405



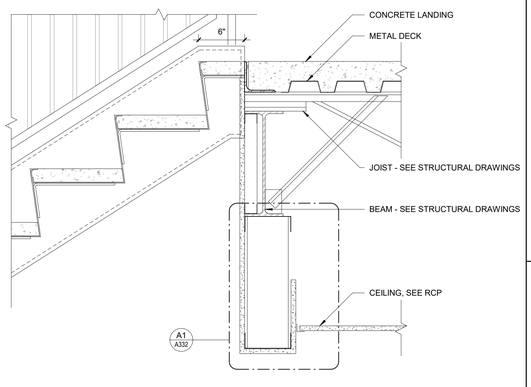
J1 TYP STRINGER SECTION
1 1/2" = 1'-0"



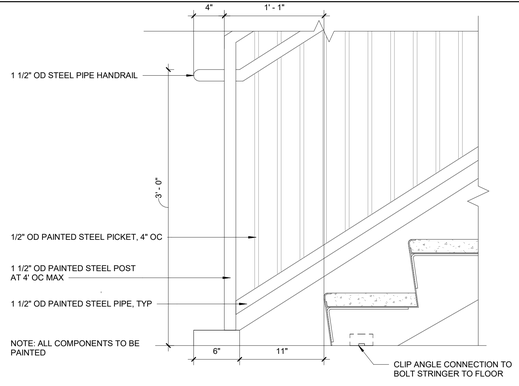
G1 TYP STAIR @ TREAD
1 1/2" = 1'-0"



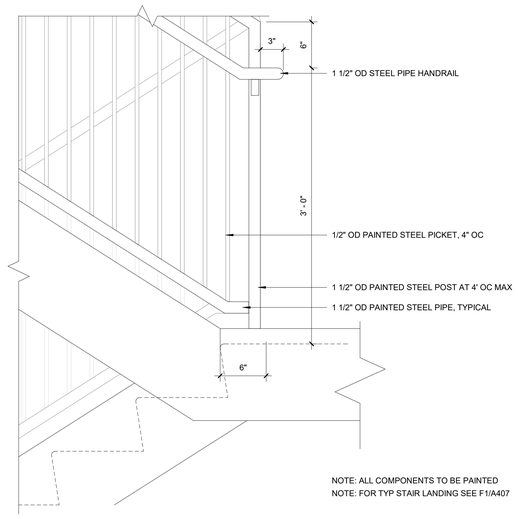
F1 TYP STAIR @ INTERMEDIATE LANDING
1 1/2" = 1'-0"



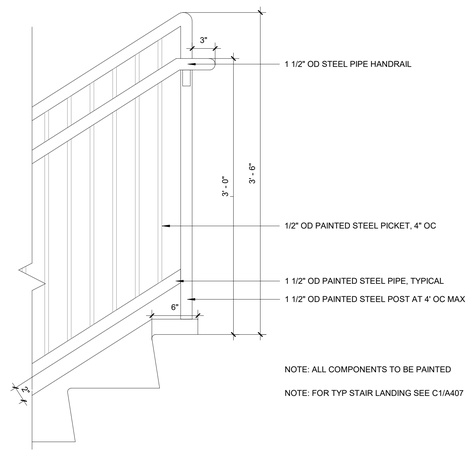
C1 TYP STAIR @ TOP LANDING SECTION
1 1/2" = 1'-0"



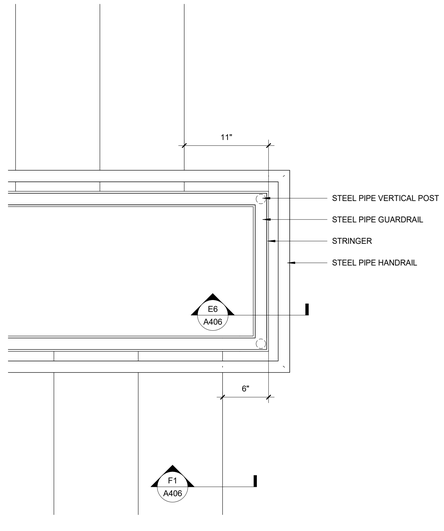
A1 TYP STAIR @ BOTTOM LANDING
1 1/2" = 1'-0"



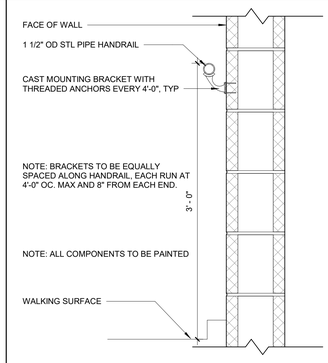
G3 TYP STAIR GUARDRAIL - ELEVATION @ INTERMEDIATE LANDING
1 1/2" = 1'-0"



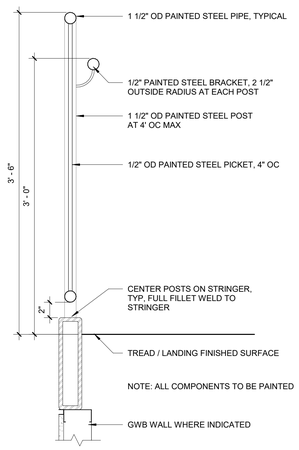
D3 TYP STAIR GUARDRAIL - ELEVATION @ TOP LANDING
1 1/2" = 1'-0"



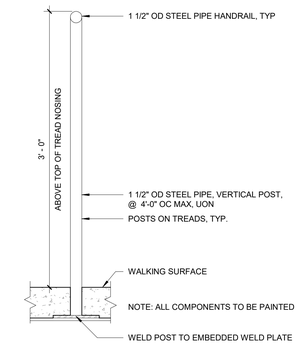
A3 TYP STAIRCASE DETAIL @ INTERMEDIATE LANDING
1 1/2" = 1'-0"



H6 TYP WALL MTD HANDRAIL
1 1/2" = 1'-0"



E6 TYP STAIR - MTL MESH GUARDRAIL SECTION
1 1/2" = 1'-0"



C6 TYP INTERIOR STAIR PIPE CENTER HANDRAIL SECTION
1 1/2" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

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SEALS

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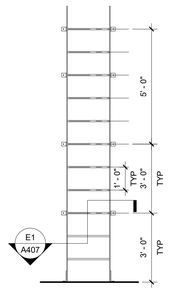
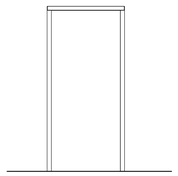
SHEET TITLE
ENLARGED PLANS - STAIR DETAILS

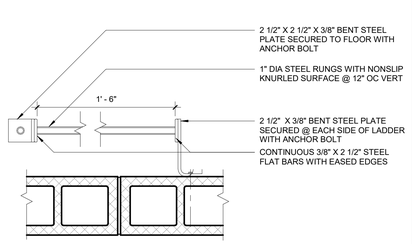
A406



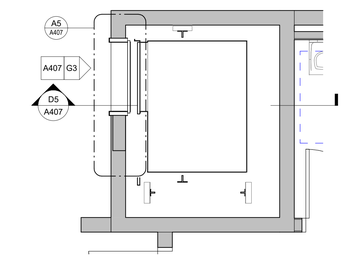
G1 ELEVATOR LADDER
3/8" = 1'-0"



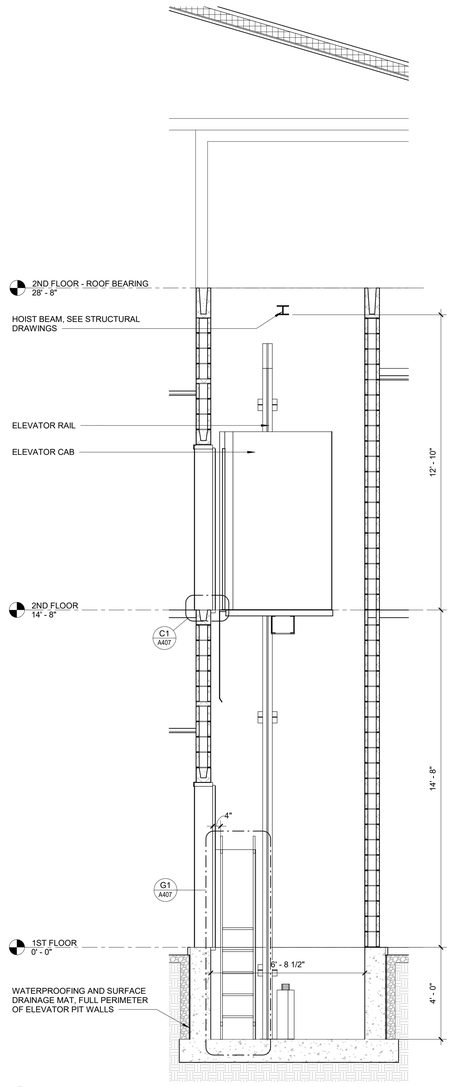
G3 ELEVATOR ELEVATION
3/8" = 1'-0"



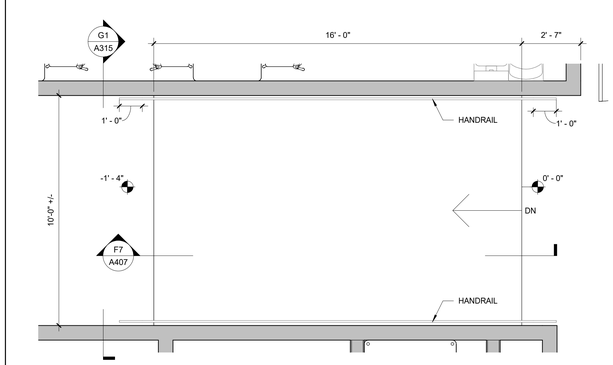
E1 TYP LADDER DETAIL AT ELEVATOR SHAFT
1 1/2" = 1'-0"



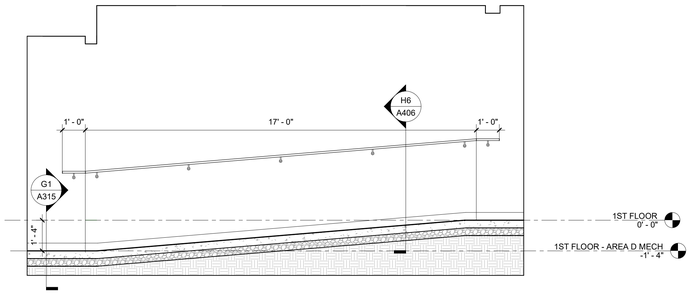
E3 2ND FLOOR - ELEVATOR PLAN
3/8" = 1'-0"



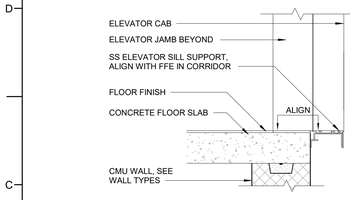
D5 ELEVATOR SECTION
3/8" = 1'-0"



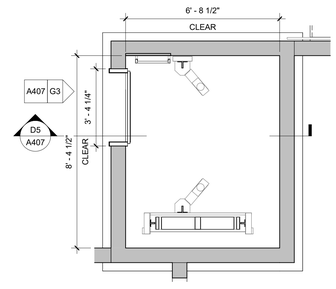
J7 ENLARGED PLAN - RAMP 1200-A
3/8" = 1'-0"



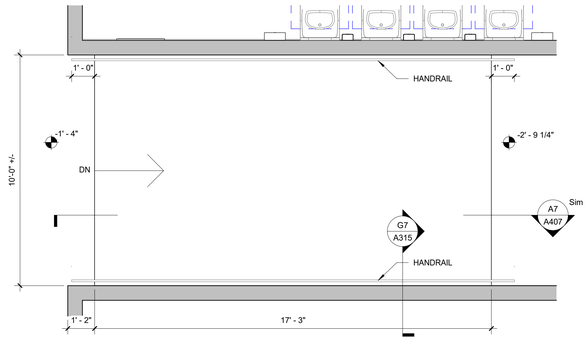
F7 RAMP 1200-A SECTION
3/8" = 1'-0"



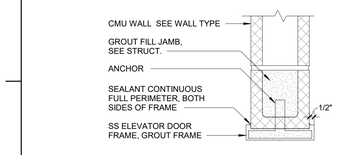
C1 TYP ELEVATOR DOOR SILL DETAIL AT CMU
1 1/2" = 1'-0"



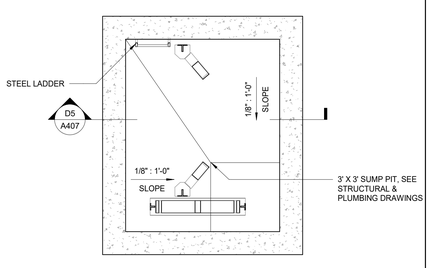
C3 1ST FLOOR - ELEVATOR PLAN
3/8" = 1'-0"



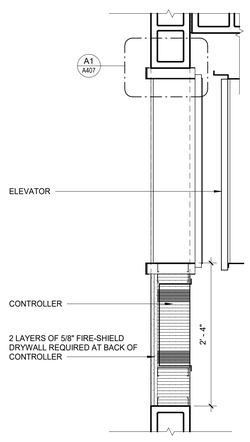
C7 ENLARGED PLAN - RAMP 1200-B
3/8" = 1'-0"



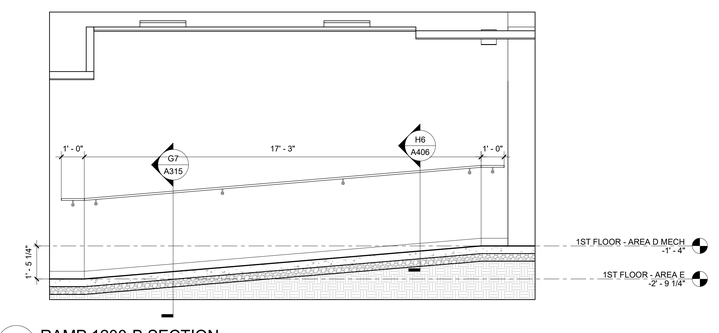
A1 TYP ELEVATOR DOOR JAMB DETAIL AT CMU
1 1/2" = 1'-0"



A3 PIT PLAN - ELEVATOR
3/8" = 1'-0"



A5 2ND FLOOR PLAN - ELEVATOR ENTRANCE REQUIREMENT
1" = 1'-0"



A7 RAMP 1200-B SECTION
3/8" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. REGISTERED ARCHITECTURAL CORPORATION 50304 NORTH CAROLINA RALEIGH, N.C.

ROBERT C. STEVENSON REGISTERED ARCHITECT 6214 1-10-25 NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
2401

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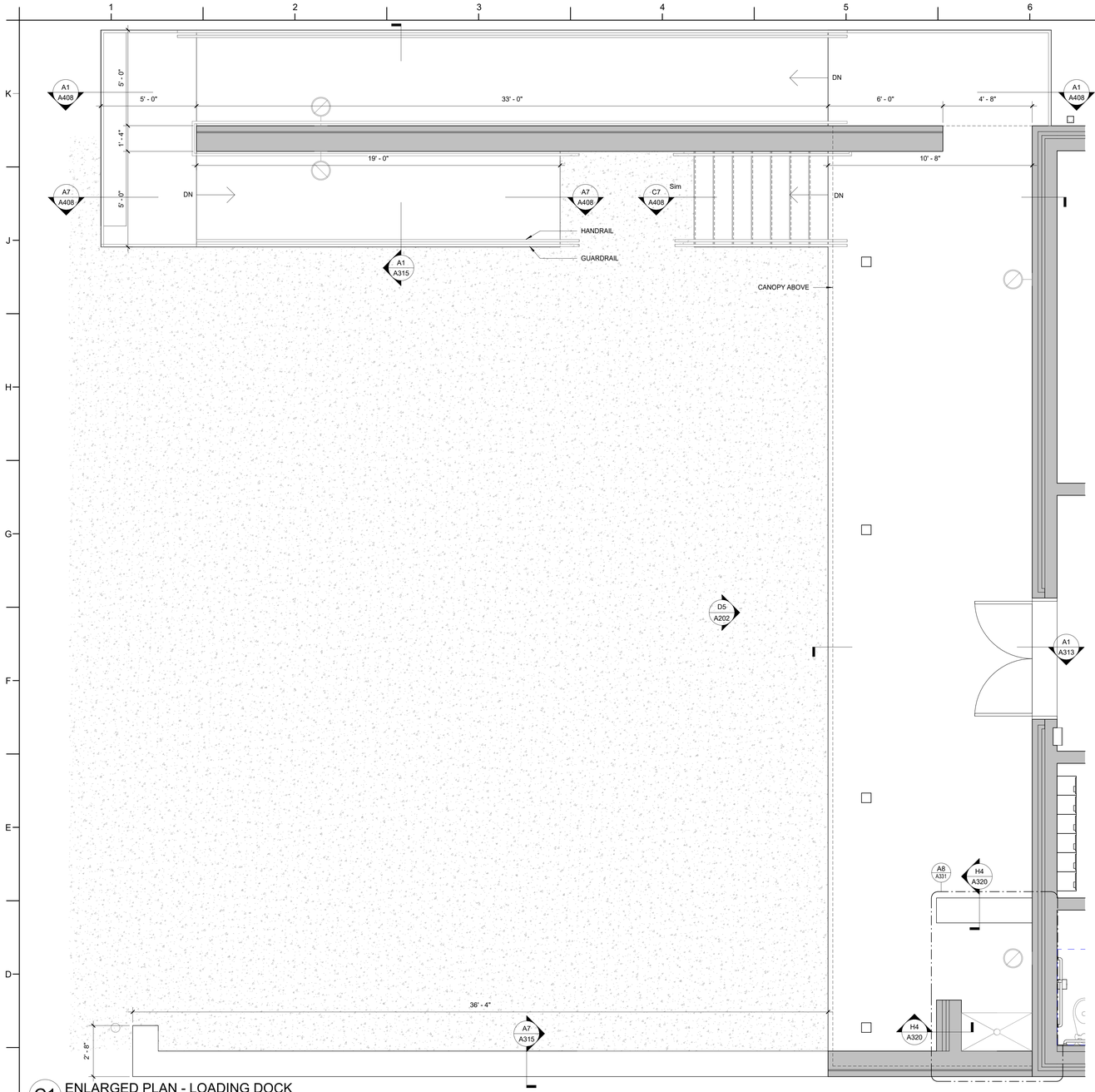
Drawn By: VK
Plot Date: 1/16/2025 5:37:17 AM

DATE ISSUED

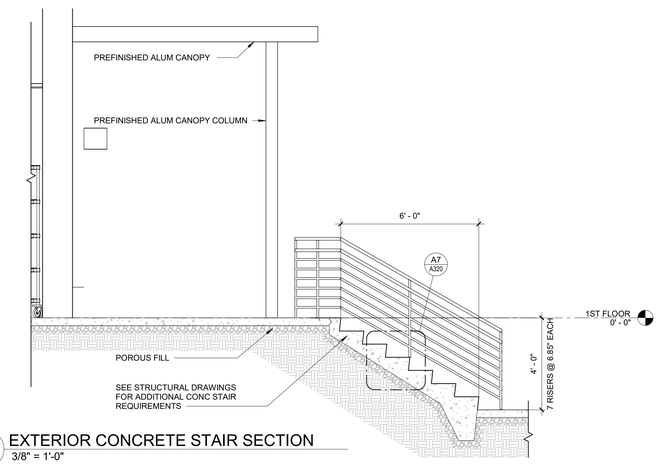
BID DOCUMENTS
01/10/2025

SHEET TITLE
ENLARGED PLANS - ELEV AND RAMPS

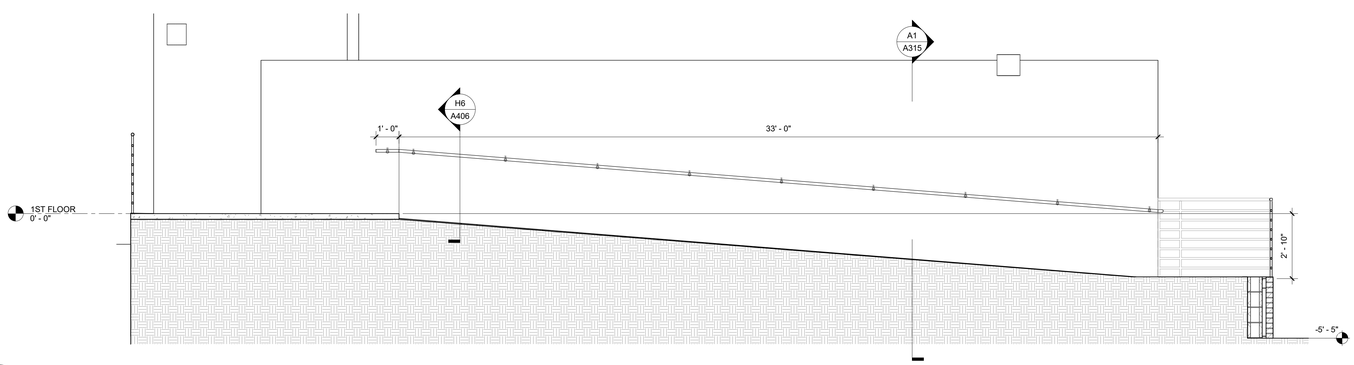
A407



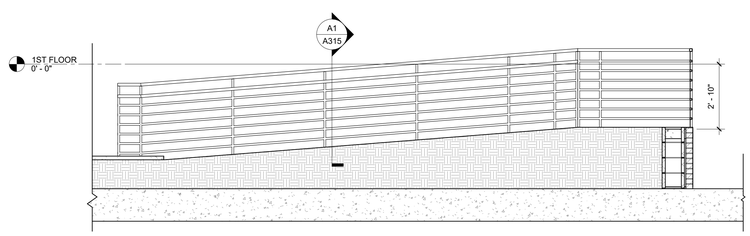
C1 ENLARGED PLAN - LOADING DOCK
3/8" = 1'-0"



C7 EXTERIOR CONCRETE STAIR SECTION
3/8" = 1'-0"



A1 EXTERIOR RAMP - SECTION
3/8" = 1'-0"



A7 EXTERIOR RAMP 1 - SECTION B
3/8" = 1'-0"

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DKA JOB NUMBER
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BID DOCUMENTS
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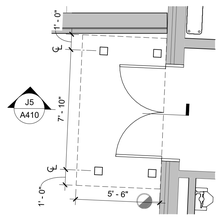
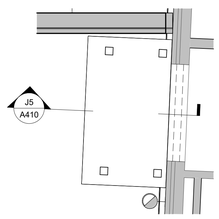
SHEET TITLE
ENLARGED PLANS - LOADING DOCK

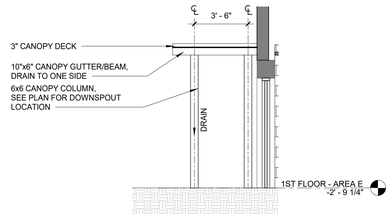
A408



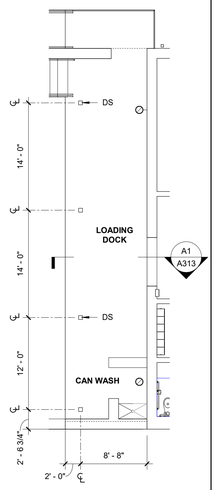
J1 ENLARGED PLAN - DOOR E105.2 CANOPY
1/4" = 1'-0"



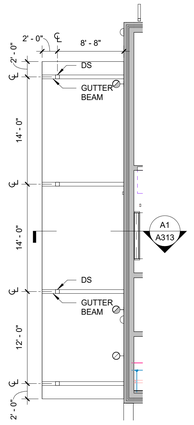
J3 RCP - DOOR E105.2 CANOPY
1/4" = 1'-0"



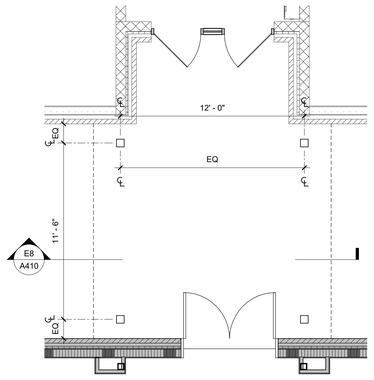
J5 DOOR E105.2 CANOPY - CROSS SECTION
1/4" = 1'-0"



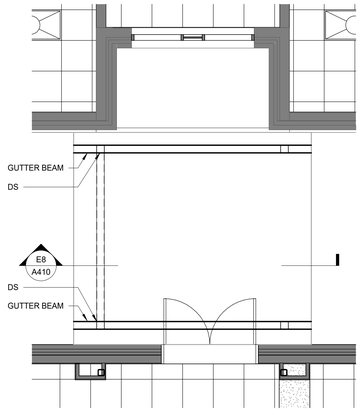
E1 ENLARGED PLAN - LOADING DOCK CANOPY
1/8" = 1'-0"



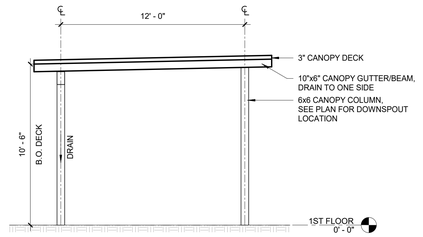
E2 RCP - AREA C - CANOPY
1/8" = 1'-0"



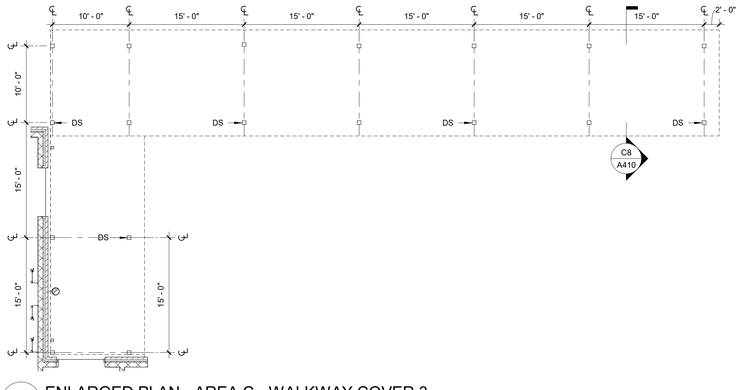
E3 CONNECTION CANOPY AT AREA A & B - BASE BID
1/4" = 1'-0"



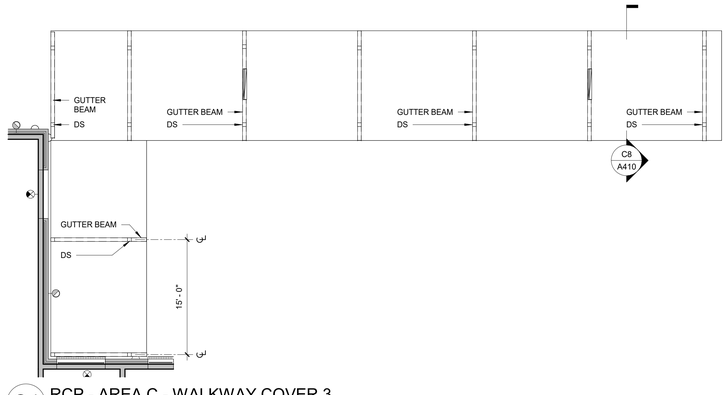
E5 RCP - CONNECTION CANOPY AT AREA A & B - BASE BID
1/4" = 1'-0"



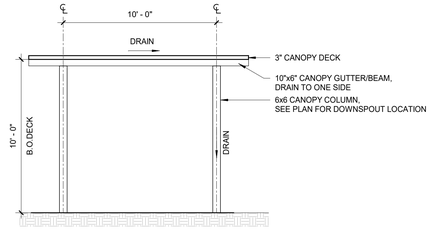
E8 CONNECTION CANOPY AT AREA A & B - BASE BID - CROSS SECTION
1/4" = 1'-0"



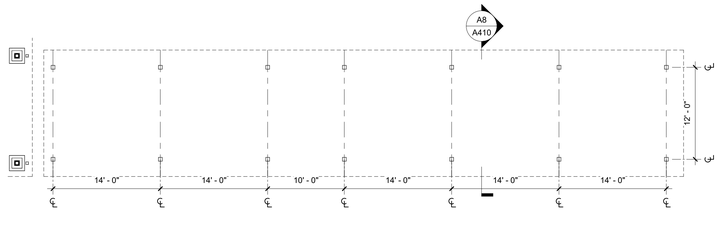
C1 ENLARGED PLAN - AREA C - WALKWAY COVER 3
1/8" = 1'-0"



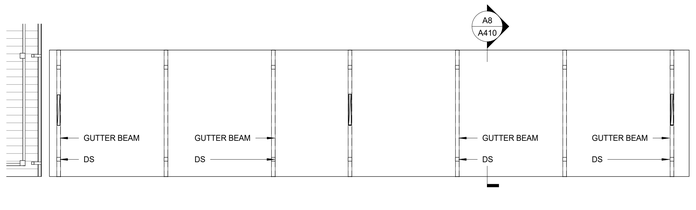
C4 RCP - AREA C - WALKWAY COVER 3
1/8" = 1'-0"



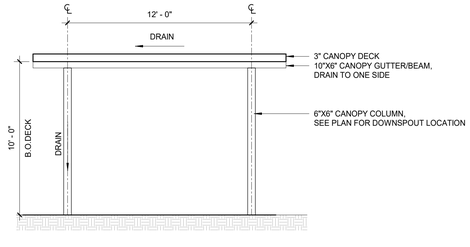
C8 WALKWAY COVER 3 - CROSS SECTION
1/4" = 1'-0"



A1 ENLARGED PLAN - AREA C - WALKWAY COVER 2
1/8" = 1'-0"



A4 RCP - AREA C - WALKWAY COVER 2
1/8" = 1'-0"



A8 WALKWAY COVER 2 - CROSS SECTION
1/4" = 1'-0"

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WAYNE COUNTY PUBLIC SCHOOLS

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SEALS

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ROBERT C. STEVENSON REGISTERED SEAL 6214 1-10-25 NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
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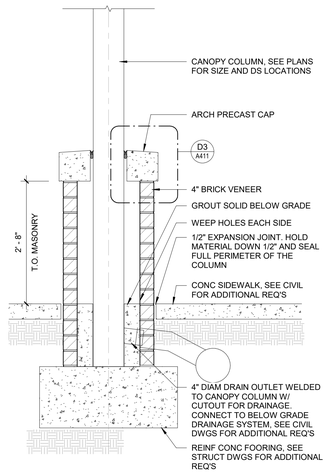
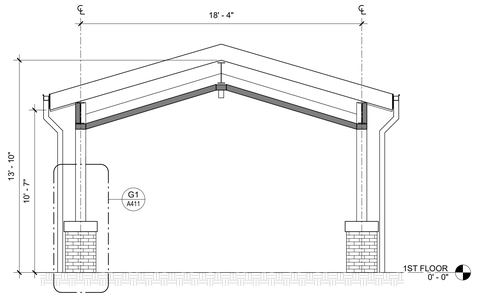
SHEET TITLE
ENLARGED PLANS - CANOPY

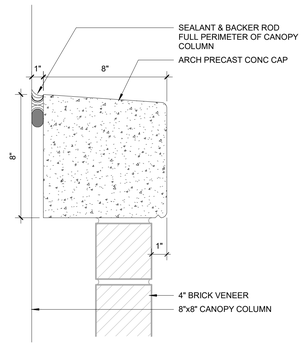
A410



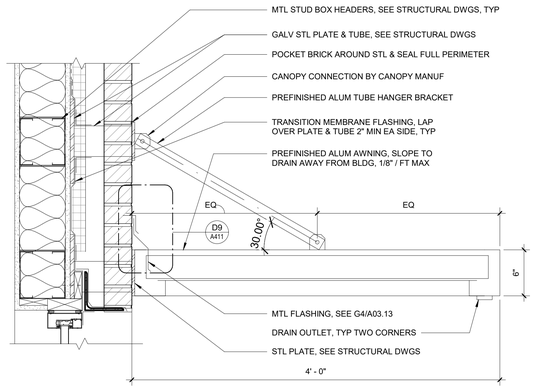
G1 CANOPY COLUMN DETAIL
3/4" = 1'-0"



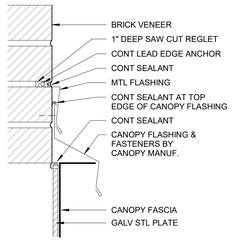
D1 WALKWAY COVER 1 - CROSS SECTION
1/4" = 1'-0"



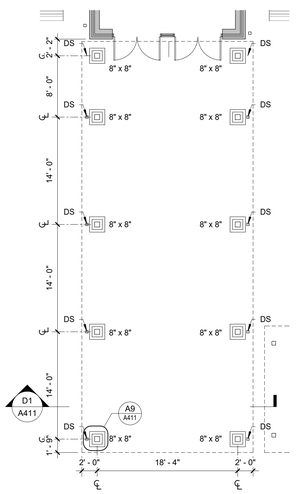
D3 ARCH PRECAST CAP AT 8"X8" CANOPY COLUMN
3" = 1'-0"



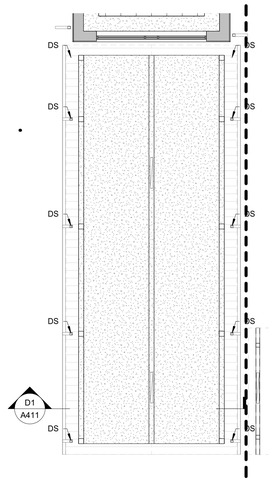
D5 CANOPY DETAIL
1 1/2" = 1'-0"



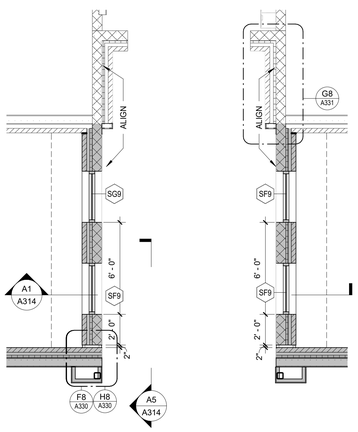
D9 CANOPY FLASHING
3" = 1'-0"



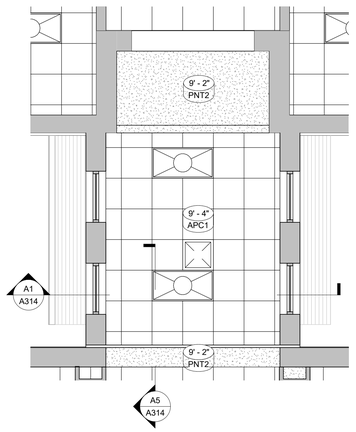
A1 ENLARGED PLAN - AREA C - WALKWAY COVER 1
1/8" = 1'-0"



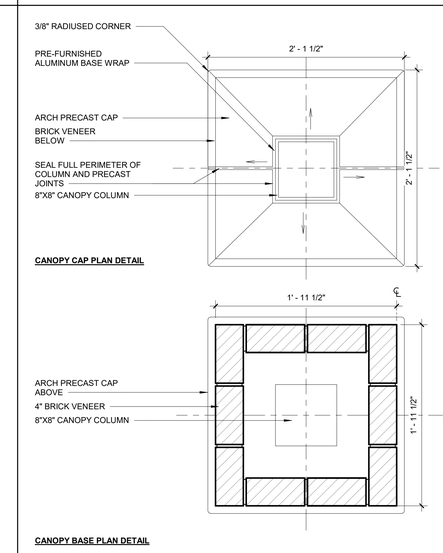
A3 RCP - AREA C - WALKWAY COVER 1
1/8" = 1'-0"



A5 ENLARGED PLAN - CORRIDOR CONNECTOR - BID ALT NO. 2
1/4" = 1'-0"



A7 RCP - CORRIDOR CONNECTOR - BID ALT NO. 2
1/4" = 1'-0"



A9 8"X8" CANOPY COLUMN
1 1/2" = 1'-0"

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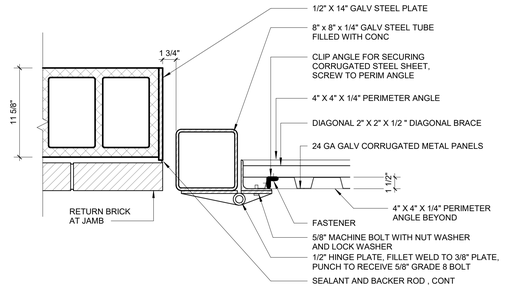
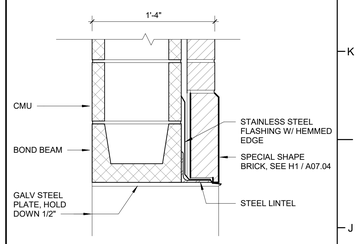
SHEET TITLE
ENLARGED PLANS - CANOPY

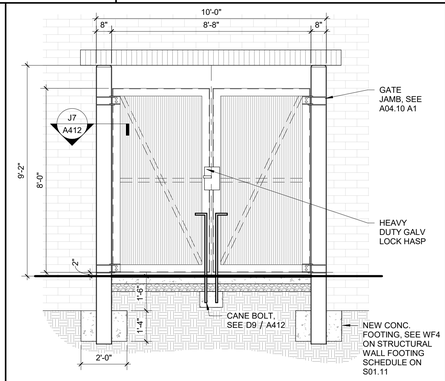
A411



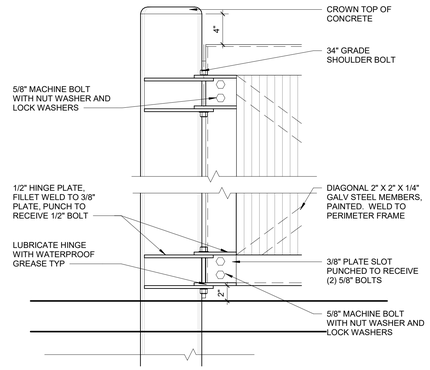
J7 GATE AT ENCLOSURE DOOR JAMB SECTION DETAIL
1 1/2" = 1'-0"



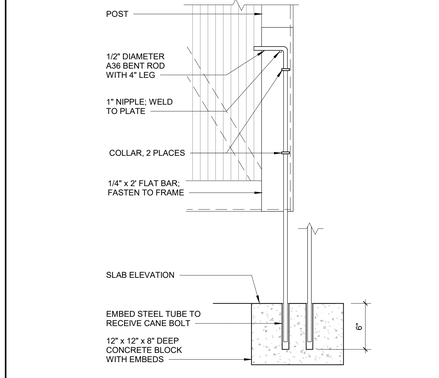
J9 GATE AT ENCLOSURE HEAD DETAIL
1 1/2" = 1'-0"



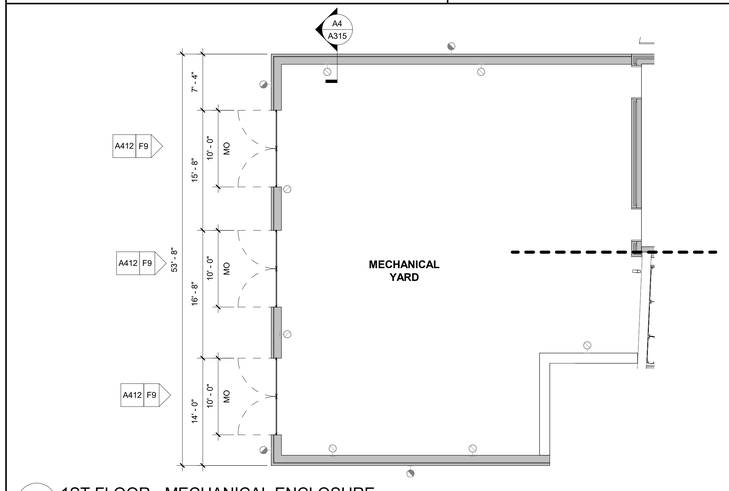
F9 GATE AT ENCLOSURE ELEVATION
3/8" = 1'-0"



D7 GATE AT ENCLOSURE JAMB ELEVATION DETAIL
1 1/2" = 1'-0"



D9 GATE AT ENCLOSURE CANE BOLT DETAIL
1 1/2" = 1'-0"



A7 1ST FLOOR - MECHANICAL ENCLOSURE
1/8" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. 50304 NORTH CAROLINA REGISTERED ARCHITECTURAL CORPORATION RALEIGH, N.C.

ROBERT C. STEVENSON 6214 NORTH CAROLINA REGISTERED ARCHITECT RALEIGH, N.C.

DKA JOB NUMBER
2401

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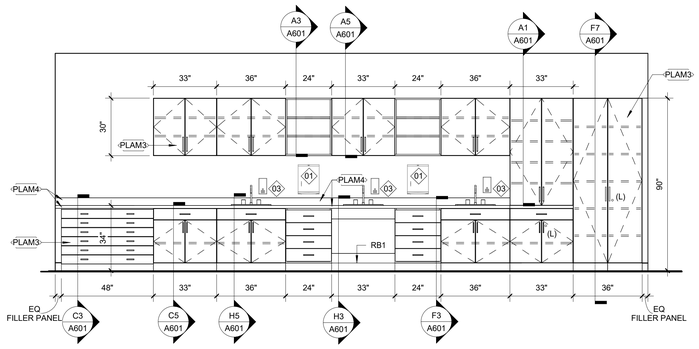
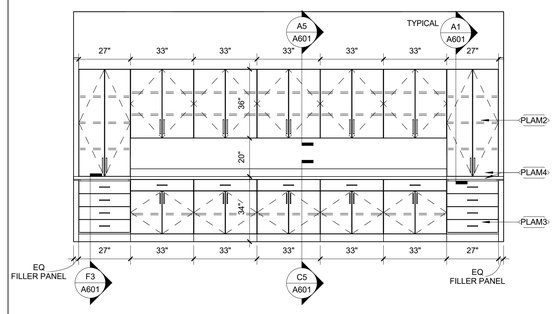
SHEET TITLE
ENLARGED PLANS - MECHANICAL YARD

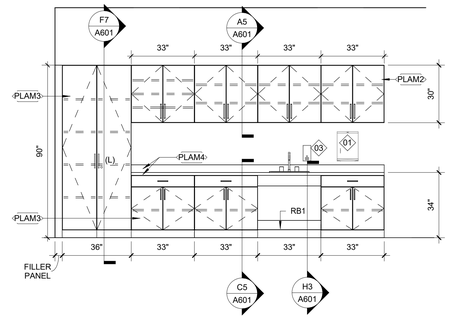
A412



H1 INTERIOR ELEVATION - ART C108
3/8" = 1'-0"



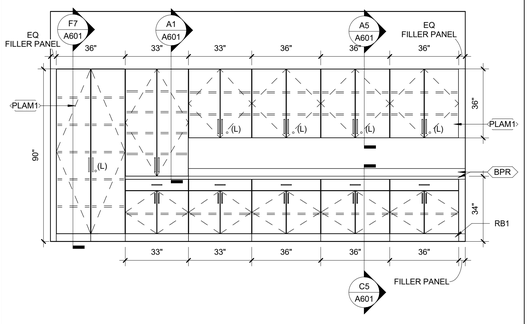
H5 INTERIOR ELEVATION - TEACHER WORK ROOM C131
3/8" = 1'-0"



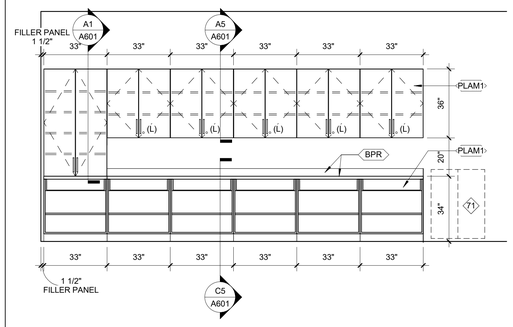
H7 INTERIOR ELEVATION - CTE CLASSROOM
3/8" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES:

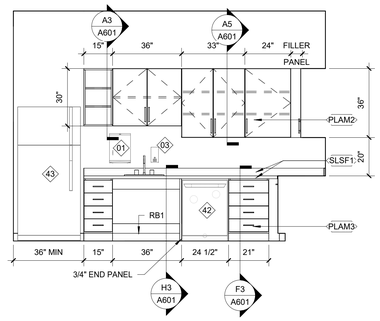
1. REFER TO SHEET A000 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION.
2. REFER TO SHEET A000 FOR FURNITURE, FIXTURES, AND EQUIPMENT LEGEND.
3. REFER TO SHEET A001 FOR THE MATERIAL LEGEND.
4. (L) = LOCKABLE CASEWORK
5. WHERE PLAM4 AND PLAM5 ARE BOTH INDICATED AT COUNTERTOPS FOR TYPICAL ELEVATIONS, PLAM4 APPLIES TO SECOND FLOOR AND PLAM5 APPLIES TO FIRST FLOOR



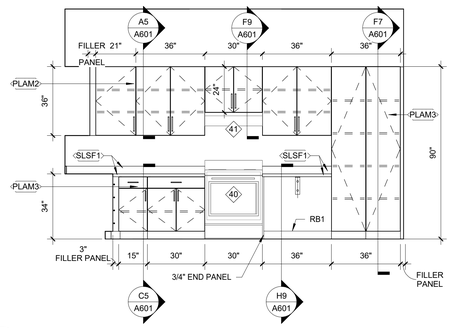
F1 INTERIOR ELEVATION - SCIENCE CLASSROOMS A209, A213
3/8" = 1'-0"



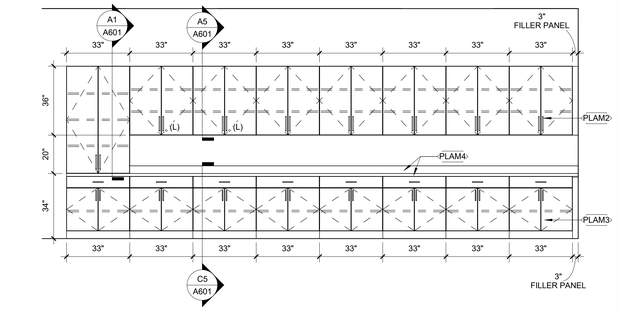
F3 INTERIOR ELEVATION - SCIENCE PREP A209A
3/8" = 1'-0"



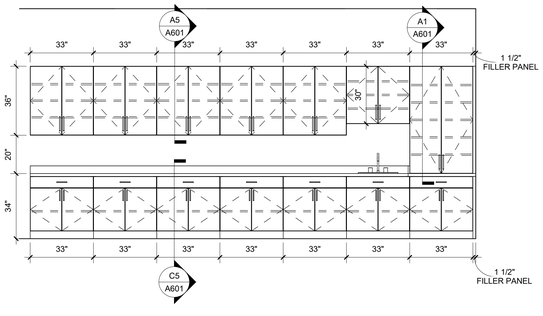
F6 INTERIOR ELEVATION - EC KITCHEN A133B EAST
3/8" = 1'-0"



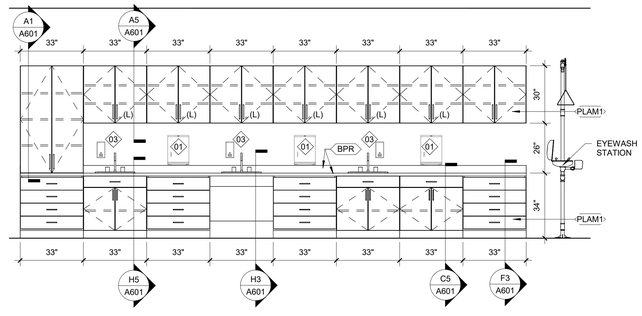
F8 INTERIOR ELEVATION - EC KITCHEN A113B SOUTH
3/8" = 1'-0"



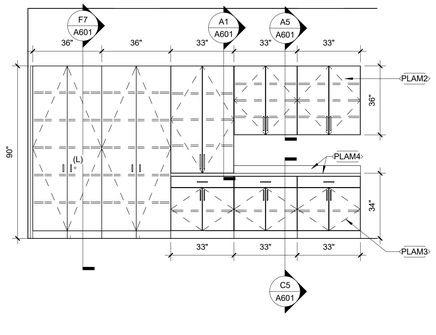
C1 INTERIOR ELEVATION - STORAGE A108
3/8" = 1'-0"



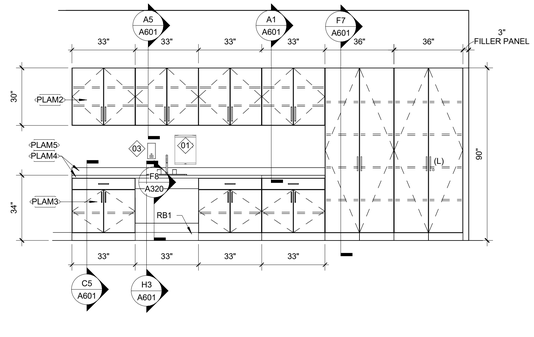
C4 INTERIOR ELEVATION - SCIENCE PREP A209A
3/8" = 1'-0"



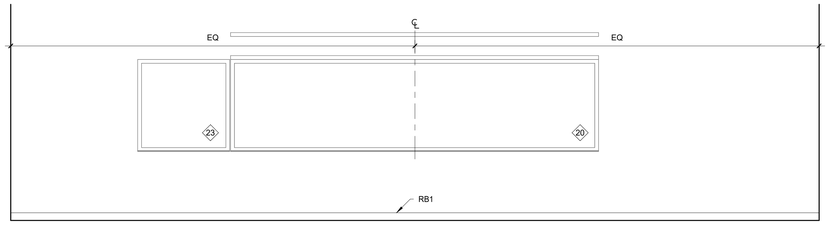
C7 INTERIOR ELEVATION - SCIENCE A203, A213
3/8" = 1'-0"



A1 INTERIOR ELEVATION - TYPICAL CLASSROOM
3/8" = 1'-0"



A3 INTERIOR ELEVATION - TYPICAL CLASSROOM WITH SINK
3/8" = 1'-0"



A6 INTERIOR ELEVATION - TYPICAL TEACHING WALL
3/8" = 1'-0"

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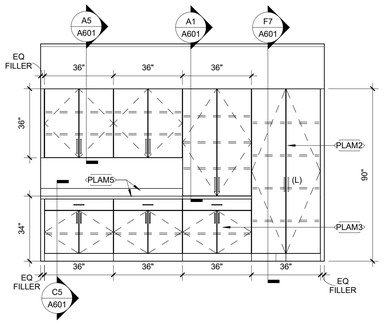
SHEET TITLE
INTERIOR ELEVATIONS

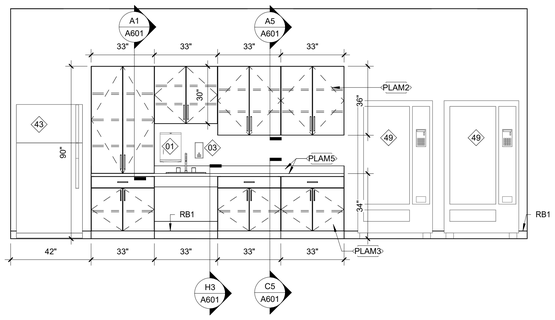
A501



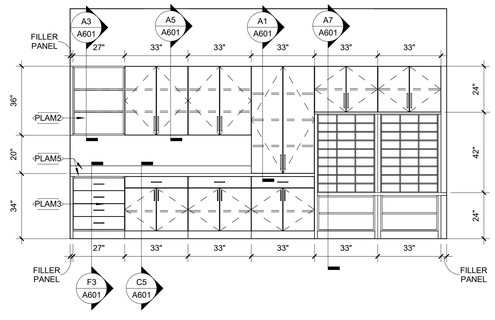
H1 INTERIOR ELEVATION - AREA B CLASSROOM
3/8" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES:

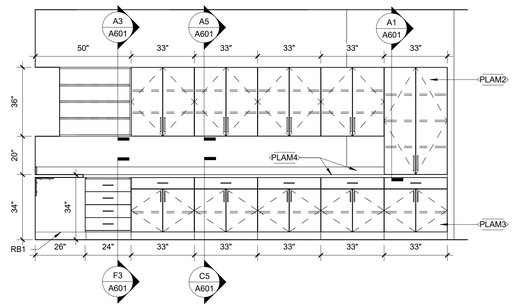
1. REFER TO SHEET A000 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION.
2. REFER TO SHEET A000 FOR FURNITURE, FIXTURES, AND EQUIPMENT LEGEND.
3. REFER TO SHEET A001 FOR THE MATERIAL LEGEND.
4. (L) = LOCKABLE CASEWORK
5. WHERE PLAM4 AND PLAM5 ARE BOTH INDICATED AT COUNTERTOPS FOR TYPICAL ELEVATIONS, PLAM4 APPLIES TO SECOND FLOOR AND PLAM5 APPLIES TO FIRST FLOOR



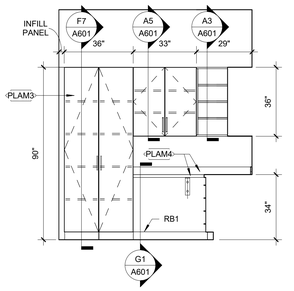
E1 INTERIOR ELEVATION - TEACHER LOUNGE C123
3/8" = 1'-0"



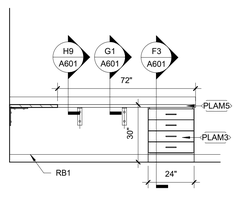
E3 INTERIOR ELEVATION - OFFICE WORK ROOM C103
3/8" = 1'-0"



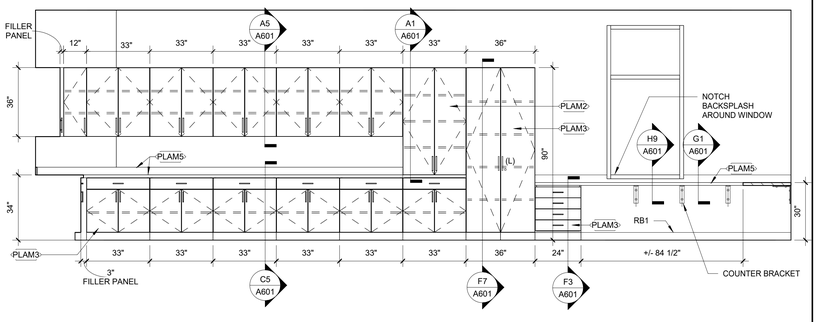
E6 INTERIOR ELEVATION - WORK ROOM A202
3/8" = 1'-0"



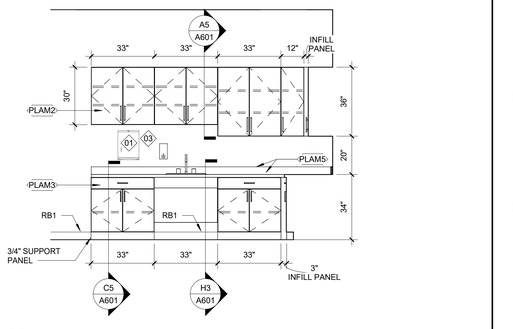
E8 INTERIOR ELEVATION - WORK ROOM A202
3/8" = 1'-0"



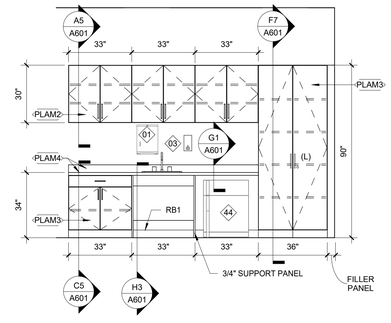
C1 INTERIOR ELEVATION -C129A WEST
3/8" = 1'-0"



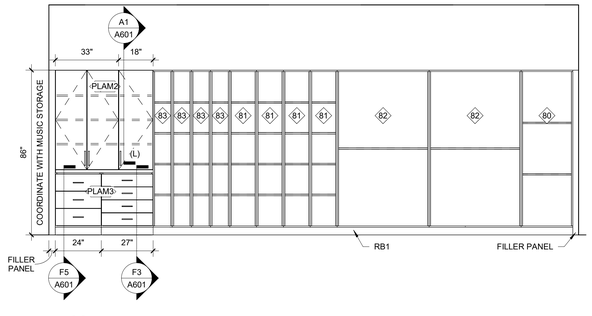
C2 INTERIOR ELEVATION - WORK ROOM/STORAGE C129 A NORTH
3/8" = 1'-0"



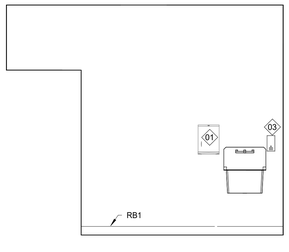
C6 INTERIOR ELEVATION - WORK ROOM/STORAGE C129A
3/8" = 1'-0"



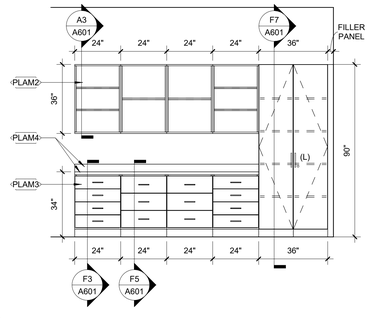
C8 INTERIOR ELEVATION - NURSE C115
3/8" = 1'-0"



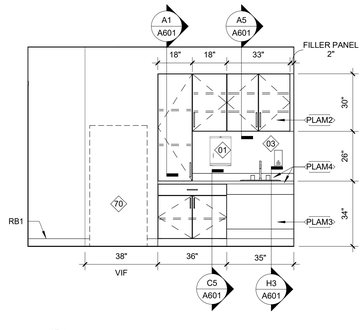
A1 INTERIOR ELEVATION - INSTRUMENT STORAGE C104A
3/8" = 1'-0"



A3 INTERIOR ELEVATION - INSTRUMENT STORAGE
3/8" = 1'-0"



A6 INTERIOR ELEVATION - MUSIC C106
3/8" = 1'-0"



A8 INTERIOR ELEVATION - TRAINING E109
3/8" = 1'-0"

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DKA JOB NUMBER
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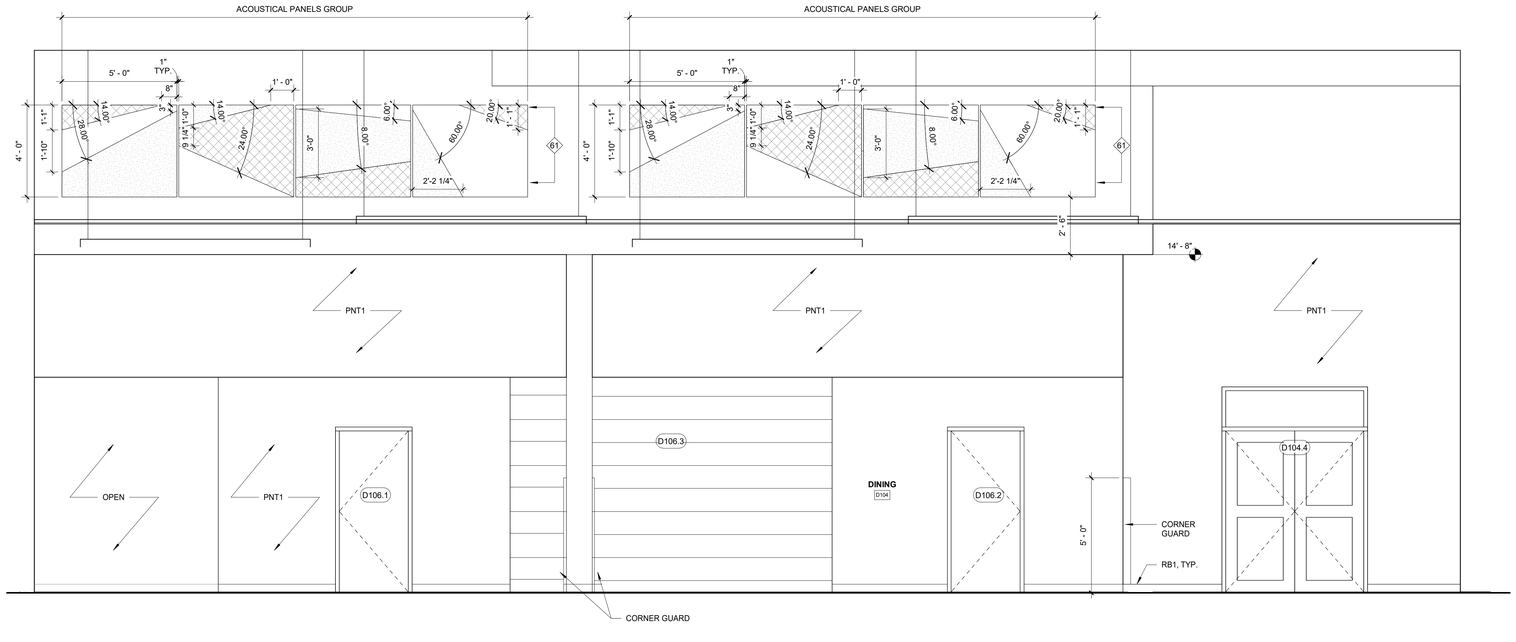
SHEET TITLE
INTERIOR ELEVATIONS

A502

INTERIOR ELEVATION GENERAL NOTES:

1. REFER TO SHEET A000 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION.
2. REFER TO SHEET A000 FOR FURNITURE, FIXTURES, AND EQUIPMENT LEGEND.
3. REFER TO SHEET A001 FOR THE MATERIAL LEGEND.
4. (L) = LOCKABLE CASEWORK
5. WHERE PLAM4 AND PLAM5 ARE BOTH INDICATED AT COUNTERTOPS FOR TYPICAL ELEVATIONS, PLAM4 APPLIES TO SECOND FLOOR AND PLAM5 APPLIES TO FIRST FLOOR



A1 INTERIOR ELEVATION - DINING D104 WEST
3/8" = 1'-0"

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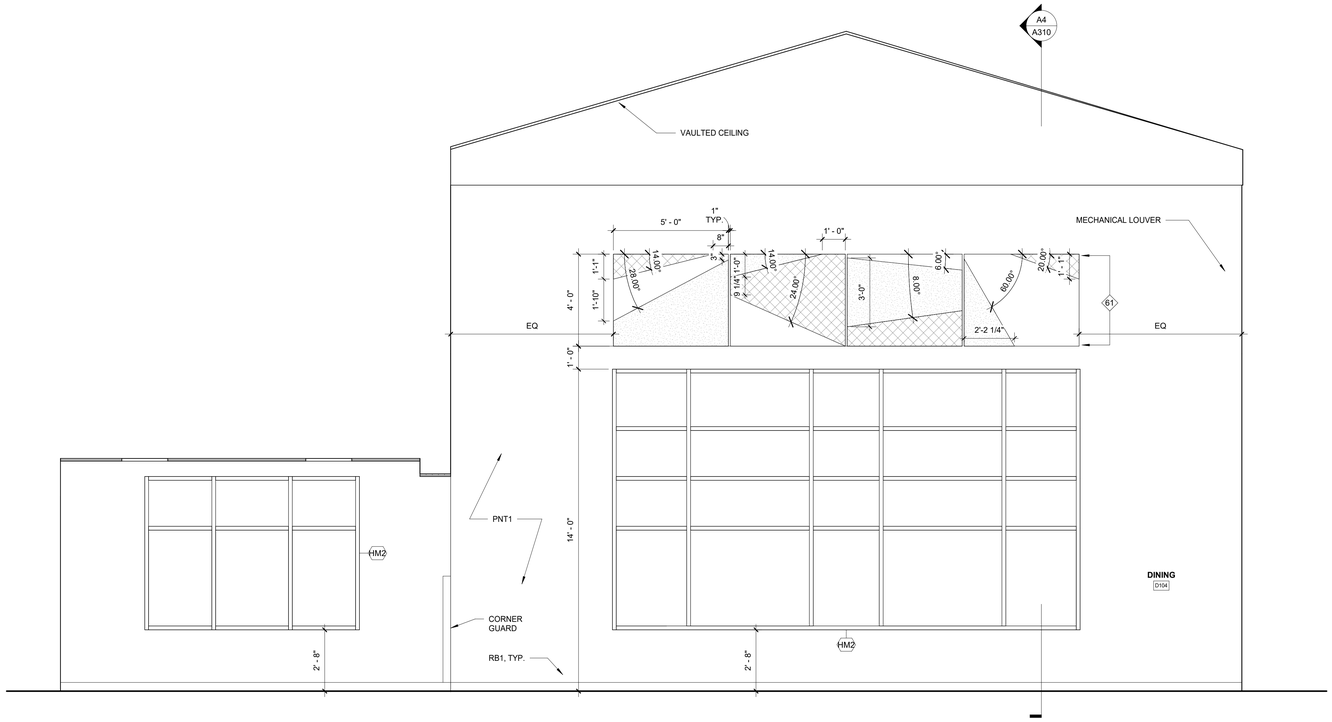
SHEET TITLE
INTERIOR ELEVATIONS - DINING

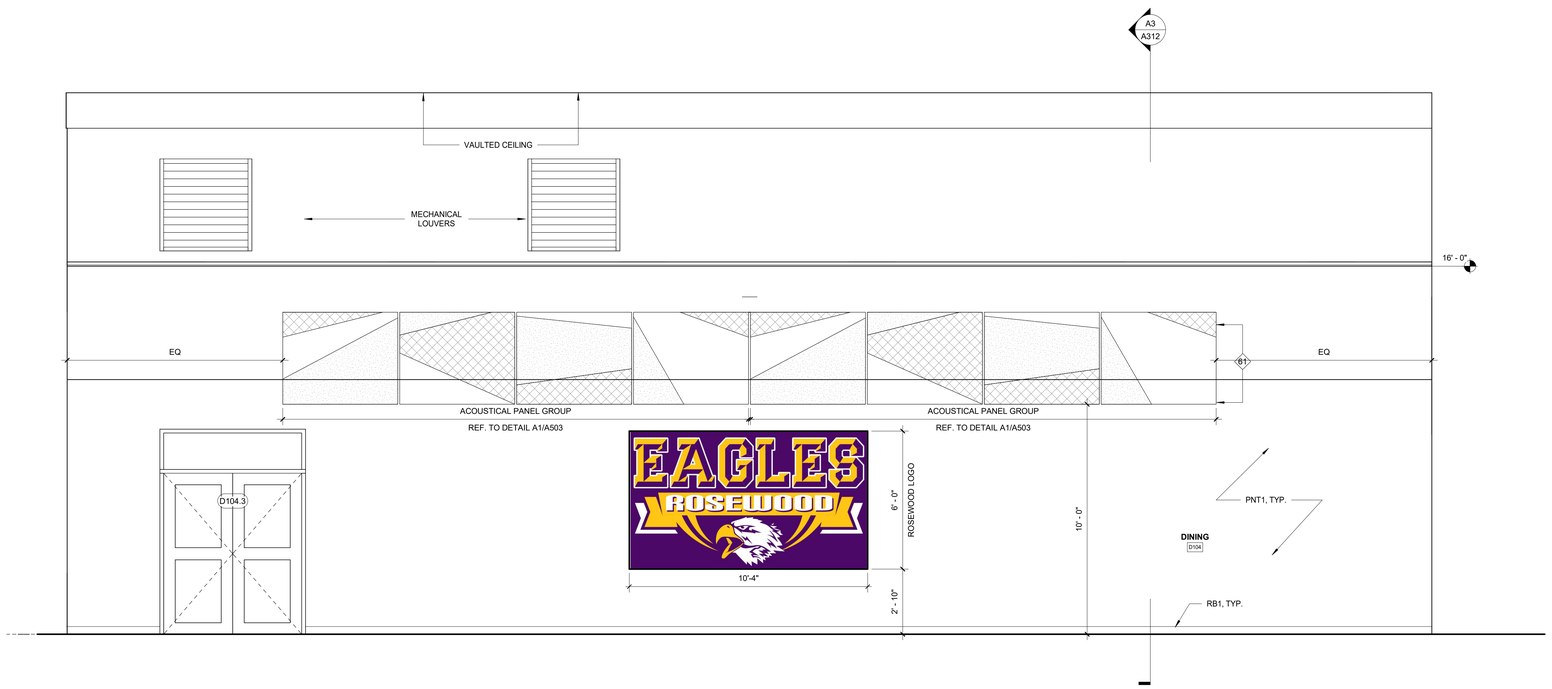
A503

INTERIOR ELEVATION GENERAL NOTES:

1. REFER TO SHEET A000 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION.
2. REFER TO SHEET A000 FOR FURNITURE, FIXTURES, AND EQUIPMENT LEGEND.
3. REFER TO SHEET A001 FOR THE MATERIAL LEGEND.
4. (L) = LOCKABLE CASEWORK
5. WHERE PLAM4 AND PLAM5 ARE BOTH INDICATED AT COUNTERTOPS FOR TYPICAL ELEVATIONS, PLAM4 APPLIES TO SECOND FLOOR AND PLAM5 APPLIES TO FIRST FLOOR



E1 INTERIOR ELEVATION - DINING D104 NORTH
3/8" = 1'-0"



A1 INT.EL. - DINING D104 EAST
3/8" = 1'-0"

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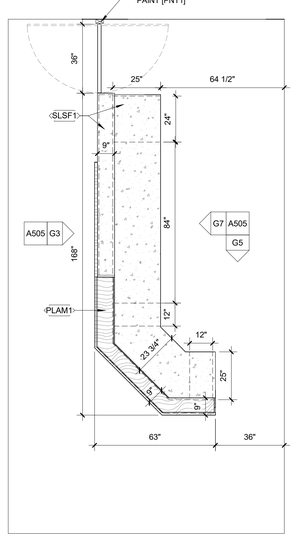
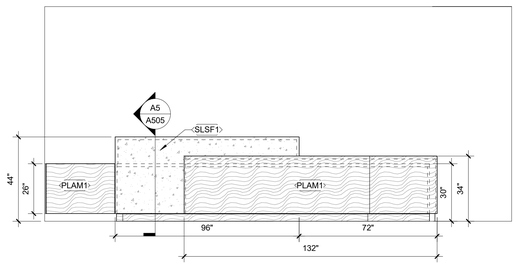
SHEET TITLE
INTERIOR ELEVATIONS - DINING

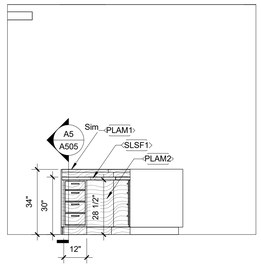
A504



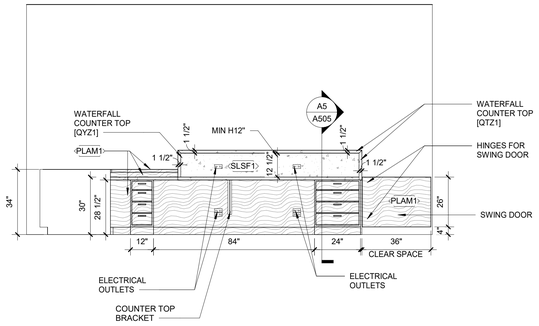
G1 ENLARGED PLAN - RECEPTION DESK
3/8" = 1'-0"



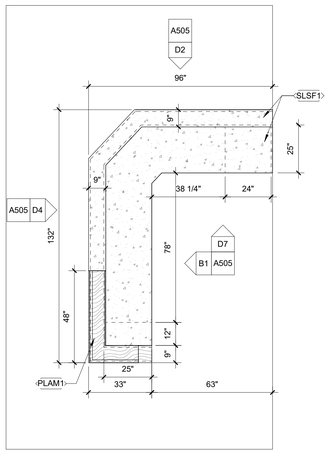
G3 INT. EL. - RECEPTION DESK FRONT EAST
3/8" = 1'-0"



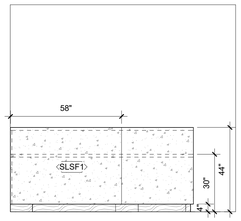
G5 INT. EL. - RECEPTION DESK SOUTH
3/8" = 1'-0"



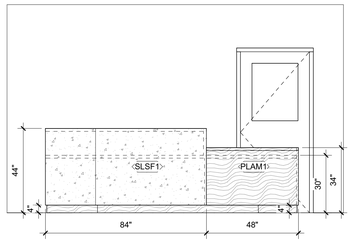
G7 INT. EL. - RECEPTION DESK WEST
3/8" = 1'-0"



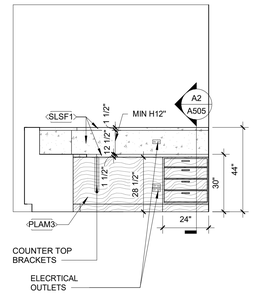
D1 ENLARGED PLAN - CIRCULATION DESK
3/8" = 1'-0"



D2 INT. EL. - CIRCULATION DESK FRONT SOUTH
3/8" = 1'-0"

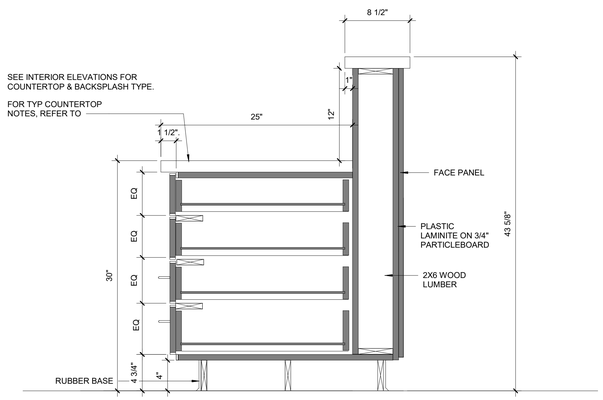


D4 INT. EL. - CIRCULATION DESK FRONT EAST
3/8" = 1'-0"

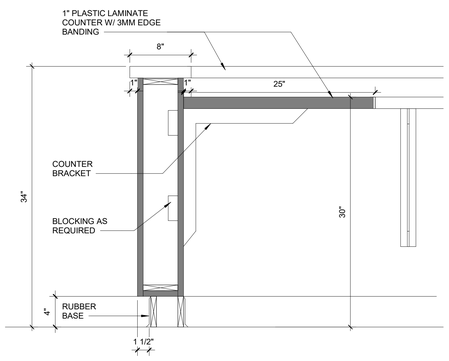


D7 INT. EL. - CIRCULATION DESK NORTH
3/8" = 1'-0"

B1 INT. EL. - CIRCULATION DESK WEST
3/8" = 1'-0"



A2 RECEPTION - HIGH COUNTER DRAWERS
1 1/2" = 1'-0"



A5 RECEPTION - LOW COUNTER
1 1/2" = 1'-0"

A8 DISPLAY CASE - AREA D
1 1/2" = 1'-0"

INTERIOR ELEVATION GENERAL NOTES:

1. REFER TO SHEET A000 FOR MOUNTING HEIGHTS AND GENERAL INFORMATION.
2. REFER TO SHEET A000 FOR FURNITURE, FIXTURES, AND EQUIPMENT LEGEND.
3. REFER TO SHEET A001 FOR THE MATERIAL LEGEND.
4. (L) = LOCKABLE CASEWORK
5. WHERE PLAM4 AND PLAM5 ARE BOTH INDICATED AT COUNTERTOPS FOR TYPICAL ELEVATIONS, PLAM4 APPLIES TO SECOND FLOOR AND PLAM5 APPLIES TO FIRST FLOOR.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

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DKA JOB NUMBER
2401

REVISIONS

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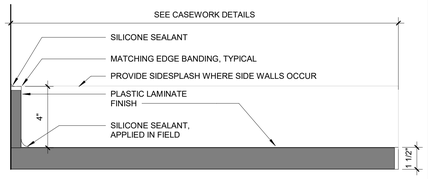
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: NK
Plot Date: 1/16/2025 5:37:55 AM

DATE ISSUED

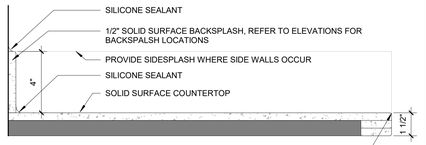
BID DOCUMENTS
01/10/2025

SHEET TITLE
CASEWORK PLANS AND ELEVATIONS

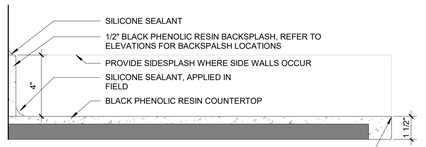
A505



PLASTIC LAMINATE COUNTERTOP & BACKSPLASH

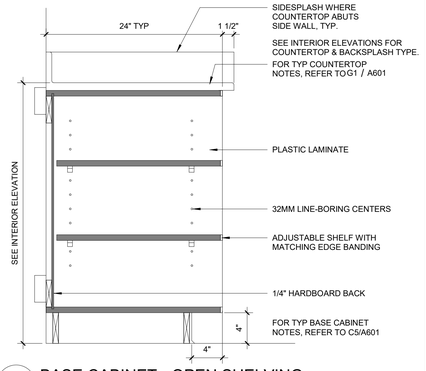


SOLID SURFACE COUNTERTOP & BACKSPLASH

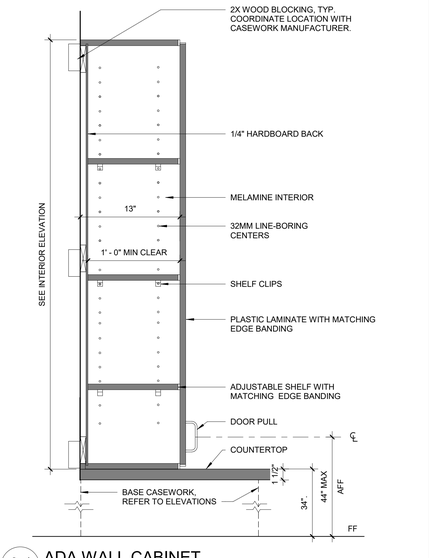


BLACK PHENOLIC RESIN COUNTERTOP & BACKSPLASH

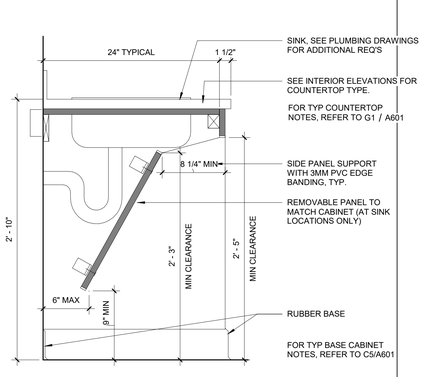
G1 COUNTERTOP - PLASTIC LAMINATE
3" = 1'-0"



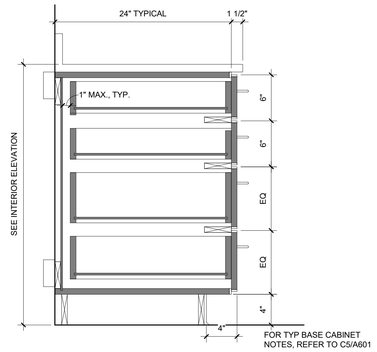
D1 BASE CABINET - OPEN SHELVING
1 1/2" = 1'-0"



A1 ADA WALL CABINET
1 1/2" = 1'-0"

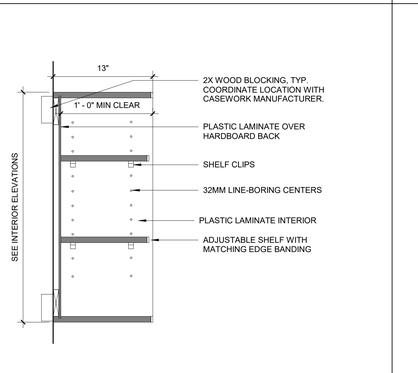


H3 BASE CABINET - SINK W KNEE APRON
1 1/2" = 1'-0"

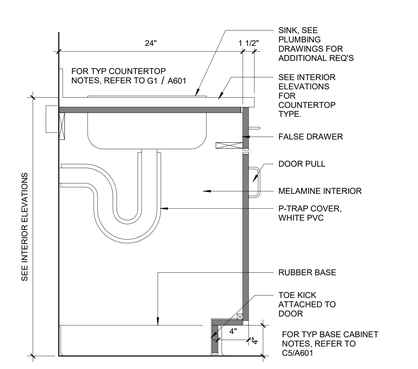


F3 BASE CABINET - 4 DRAWER, TYP.
1 1/2" = 1'-0"

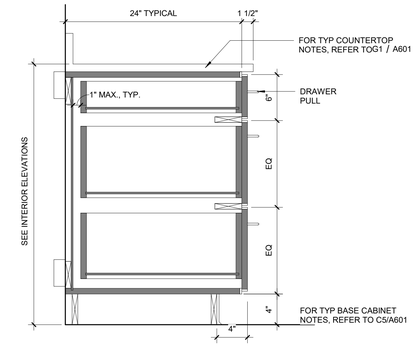
C3 BASE CABINET - 6 DRAWER FLAT FILE
1 1/2" = 1'-0"



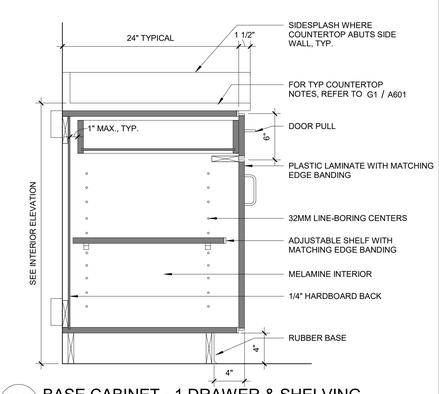
A3 WALL CABINET - OPEN SHELVING
1 1/2" = 1'-0"



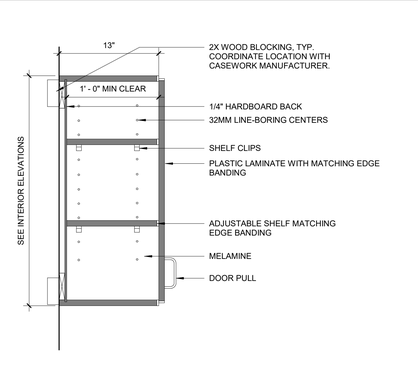
H5 SINK BASE CABINET WITH DOORS
1 1/2" = 1'-0"



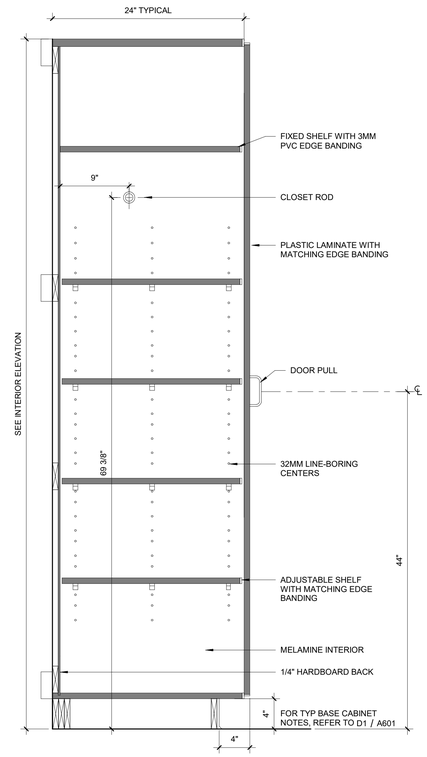
F5 BASE CABINET - 3 DRAWER, TYP.
1 1/2" = 1'-0"



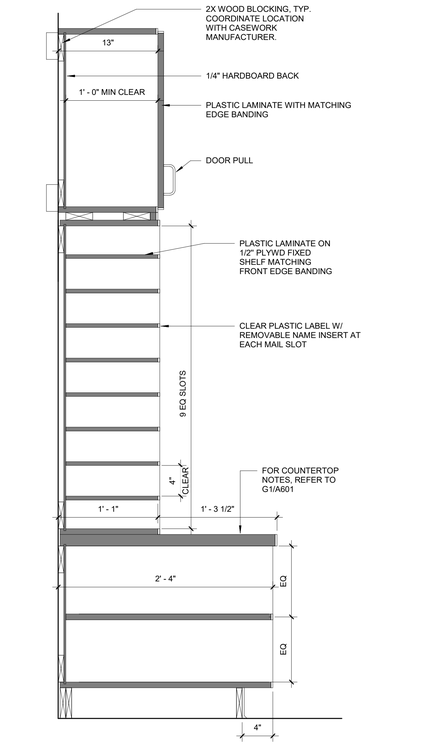
C5 BASE CABINET - 1 DRAWER & SHELVING
1 1/2" = 1'-0"



A5 TYPICAL WALL CABINET
1 1/2" = 1'-0"



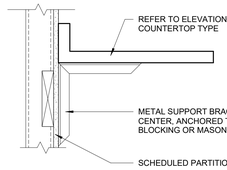
F7 TALL CABINET
1 1/2" = 1'-0"



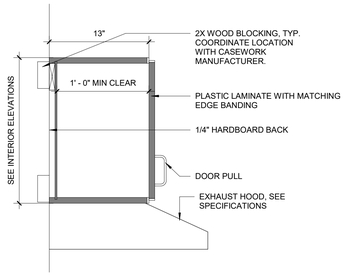
A7 WALL CABINET WITH MAIL SLOTS
1 1/2" = 1'-0"

CASEWORK GENERAL NOTES:

1. SHELVES WIDER THAN 30" TO BE 1" THICK. SHELVES 30" WIDE OR NARROWER TO BE 3/4" THICK, UON.
2. NUMBER OF SHELVES, DOORS AND DRAWERS TO BE AS INDICATED ON INTERIOR ELEVATIONS.
3. LOCKABLE CABINETS INDICATED WITH "(L)" ON INTERIOR ELEVATIONS.
4. LAMINATE OR PVC FINISH ON ALL EXPOSED SURFACES AND EDGES, AS NOTED.
5. SEE INTERIOR ELEVATIONS FOR DIMENSIONS NOT NOTED.
6. OPEN CABINETS TO HAVE THE SAME FINISH ON THE INTERIOR OF THE CABINET AS THE EXTERIOR, UON.
7. ALL VOIDS CREATED BY VERTICAL FILLER PANELS AT TOP OF WALL AND TALL CABINETS AND BOTTOM OF WALL CABINETS ARE TO BE INFILLED WITH FILLER PANELS LAMINATED TO MATCH ADJACENT SURFACES.
8. REFER TO MATERIALS LEGEND ON SHEET A001 FOR FINISH COLORS DESIGNATED IN BRACKETS.



H9 COUNTERTOP SUPPORT BRACKET DETAIL
1 1/2" = 1'-0"



F9 WALL CABINET - ABOVE HOOD
1 1/2" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. — REGISTERED ARCHITECTURAL CORPORATION — 50304 — NORTH CAROLINA — RALEIGH, N.C.

ROBERT C. STEVENSON — REGISTERED — 6214 — 10 - 20 — NORTH CAROLINA — RALEIGH, N.C.

DKA JOB NUMBER
2401

REVISIONS

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PM: BETH KING
Drawn By: NK
Plot Date: 1/16/2025 5:38:00 AM

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
CASEWORK DETAILS

A601

DOOR SCHEDULE

DOOR NUMBER	DOOR TYPE		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FIRE RATING	HARDWARE	SIGN TYPE	COMMENTS
A100	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	II	ALUM	FACT		E2	B	CARD READER; BASE BID OR BID ALT 01
A100A	C	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT	90 MIN	I24	H	
A101	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I11	A	
A102	A		3' - 0"	7' - 0"	0' - 1 3/4"	FRP	FACT	III	ALUM	FACT		E7	E	LOUVER GLAZED INTO TRANSOM
A103	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I9	D	
A104	A		3' - 0"	7' - 0"	0' - 1 3/4"	FRP	FACT	III	ALUM	FACT		E8	E, N	LOUVER GLAZED INTO TRANSOM
A105	A		3' - 6"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I9	D	
A106	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I7	A	
A108.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A108.2	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A108.3	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I15		
A109	A		2' - 6"	7' - 0"	0' - 1 3/4"	HM	STAIN	II	HM	PNT		I11	A	
A110	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A112	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A113.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A113.2	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E6	A, B	*SEE STOREFRONT ELEVATIONS
A113A	A		3' - 6"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I8	D	
A114	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A115	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A115A	A		3' - 6"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I8	D	
A116	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A117	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A201.1	A	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT	90 MIN	I31		
A201.2	A	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I17	E	
A202	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I7	A	
A202A	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I9	D	
A204.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	II	HM	PNT		I15	A	
A204.2	C		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	II	HM	PNT		I15	A	
A205	A		2' - 6"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I11	A	
A206	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A208	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A209.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A209.2	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A209.3	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I13	A	
A210	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A211	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I9	D	
A212	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A213.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A213.2	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A213.3	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I13	A	
A215	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
B100	EXISTING		3' - 0"	6' - 11"	0' - 1 3/4"	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING		E10		EXISTING TO REMAIN
C100A	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E6	B	*SEE STOREFRONT ELEVATIONS
C101.1	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		I4	A	*SEE STOREFRONT ELEVATIONS
C101.2	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		I4	A	CARD READER, *SEE STOREFRONT ELEVATIONS
C101.3	B		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I20	A	
C102.1	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E1	B	CARD READER, *SEE STOREFRONT ELEVATIONS
C102.2	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		I1		CARD READER, *SEE STOREFRONT ELEVATIONS
C102.3			3' - 0"	6' - 11"	0' - 1 3/4"		-		-					EXISTING TO REMAIN
C103.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I13	A	
C103.2	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I7	A	
C104.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I16	A	KERFED FRAME
C104.2	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E6	A, B	*SEE STOREFRONT ELEVATIONS
C104.3	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I13	A	
C104A	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I13	A	
C105	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I6	F	
C106.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I16	A	KERFED FRAME
C106.2	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E6	A, B	*SEE STOREFRONT ELEVATIONS
C106.3	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I13	A	
C107	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I6	F	
C108.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
C108.2	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E5	A, B	CARD READER, *SEE STOREFRONT ELEVATIONS
C108A	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I12	A	
C108B	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	FACT	I	HM	PNT	45 MIN	I23	A	KERFED FRAME
C109	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I11	E	DOOR TO SWING 180 DEGREES
C111	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I13	A	
C113	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I6	F	
C115.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I6	E	
C115.2	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I6	E	
C115A	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I9	D	
C117	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I6	F	
C119	A	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I18	A	KERFED FRAME
C121.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I6	A	
C121.2	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I6	A	
C123.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I7	A	
C123.2	C		3' - 6"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I7	A	
C125	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I9	D	
C127	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I9	D	
C129.1	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		I21	E	*SEE STOREFRONT ELEVATIONS
C129.2	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E6	A, B	*SEE STOREFRONT ELEVATIONS
C129A	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I13	A	
C131.1	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I13	A	
C131.2	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I7	A	
C133.1	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I13	A	
C133.2	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I7	A	
C200	A		3' - 0"	5' - 10"	0' - 1 3/4"	WOOD	PAINT	II	HM	PNT				
D100.1	C	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I22		
D100.2	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E2	B	CARD READER, *SEE STOREFRONT ELEVATIONS
D101.1	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E3	B	*SEE STOREFRONT ELEVATIONS
D101.2	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E1		CARD READER, *SEE STOREFRONT ELEVATIONS
D101.3	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		I2		*SEE STOREFRONT ELEVATIONS
D101.4	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		I1		CARD READER, *SEE STOREFRONT ELEVATIONS
D103	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I5		
D103A	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I6	A	
D103B	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I6	A	
D103C	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I6	A	
D103D	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	I	HM	PNT		I12	A	
D104.1	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		I19	A	*SEE STOREFRONT ELEVATIONS
D104.2	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		I19	A	*SEE STOREFRONT ELEVATIONS
D104.3	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E3	B	*SEE STOREFRONT ELEVATIONS
D104.4	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E2	B	*SEE STOREFRONT ELEVATIONS
D104A	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I13	A	
D106.1	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I25	A	DOOR TO SWING 180 DEGREES, PROVIDE HOLD-OPEN
D106.2	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I25	A	DOOR TO SWING 180 DEGREES, PROVIDE HOLD-OPEN
D106.3	B		14' - 0"	10' - 8"	0' - 1 3/4"	-	-		-	-				COILING GRILLE
D106.4	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E6	B	CARD READER, *SEE STOREFRONT ELEVATIONS
D107	A		2' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I11	A	
D108	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I13	A	
D110	E		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I6	F	
D112	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I7	E	
D113	A	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I14	E	DOORS TO SWING 180 DEGREES
D114	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I7	A	
D115.1	A		4' - 0"	7' - 0"	0' - 1 3/4"	FRP	FACT	II	ALUM	FACT		E8	E	
D115.2	A		4' - 0"	7' - 0"	0' - 1 3/4"	FRP	FACT	II	ALUM	FACT		E8	E	
D116	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I7	A	
D116A	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I9	D	
D118	A	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	FRP	FACT	II	ALUM	FACT		E9	B	CARD READER, PEEP HOLE
D120	A		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I13	A	
E101	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I11	A	DOOR TO SWING 180 DEGREES
E102	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I11	A	DOOR TO SWING 180 DEGREES
E103	A		3' - 6"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I14	A	
E104	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I10	D	
E105.1	E	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I3		
E105.2	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	II	ALUM	FACT		E2	B	CARD READER
E106	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		I6	A	
E107	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		I6	A	
E108	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I11	A	
E109.1	A		4' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		I28	A	
E109.2	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		I27		
E110	A		4' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		I28	A	
E111	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I9	D	
E113.1	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I10	D	
E113.2	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I10	D	
E114	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I10	D	
E117.1	C		3' - 0"	6' - 10"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		E4	B	EXISTING TO REMAIN
E117.2	C		3' - 0"	6' - 10"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		E4	B	EXISTING TO REMAIN
E117.3	C		3' - 0"	6' - 10"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		E4	B	EXISTING TO REMAIN

DOOR SCHEDULE

DOOR NUMBER	DOOR TYPE		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FIRE RATING	HARDWARE	SIGN TYPE	COMMENTS
E118	C		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I26		
E119	C		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I26		
E121.1	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E6		*SEE STOREFRONT ELEVATIONS
E121.2	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E5	B	CARD READER, *SEE STOREFRONT ELEVATIONS
E121.3	C		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I2		
E121.4	C		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT		I1		CARD READER
E122	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		I11	A	
E122A	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		I11	E	
E123	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		I29	D	
E124	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		I29	D	
E125.1	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		I13	A	
E125.2	A		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	EXISTING	EXISTING	PNT		E8	B	
E126	A	(2)	3' - 0"	5' - 10"	0' - 1 3/4"	HM	PAINT	I	HM	PNT		E11		
S1B	D		3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	I	ALUM	FACT		E3	B	CARD READER, KERFED FRAME
S2A	D		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT	60 MIN	I30		
S2B	D	(2)	3' - 0"	7' - 0"	0' - 1 3/4"	ALUM	FACT	*	ALUM	FACT		E2	B	CARD READER, *SEE STOREFRONT ELEVATIONS
S2C	C		3' - 0"	7' - 0"	0' - 1 3/4"	HM	PNT	II	HM	PNT	60 MIN	I30		KERFED FRAME

DOOR SCHEDULE - BID ALTERNATE NO.1

DOOR NUMBER	DOOR TYPE		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FIRE RATING	HARDWARE	SIGN TYPE	COMMENTS
A118	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A119	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A120	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A121	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A214	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A216	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A217	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	
A219	C		3' - 0"	7' - 0"	0' - 1 3/4"	WOOD	STAIN	II	HM	PNT		I15	A	

DOOR & FRAME GENERAL NOTES:

1. ALL FACE FRAME WIDTHS TO BE 2" UON.
2. PAINT ALL HM FRAMES. PAINT ALL HM DOORS.
3. ADJUST MASONRY TO PROVIDE A 3/8" JOINT AT EACH JAMB OF A DOOR FRAME OPENING.
4. SEE DOOR FRAME DETAILS ON SHEET A702 FOR HOLLOW METAL FRAME DEPTHS.

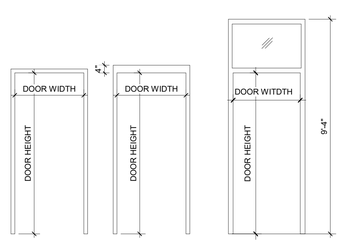
DOOR & FRAME SYMBOL LEGEND:

- INDICATES GLAZING
- (T) INDICATES TEMPERED GLAZING
- (S) INDICATES SPANDREL GLAZING

INTERIOR SIGNAGE NOTES:

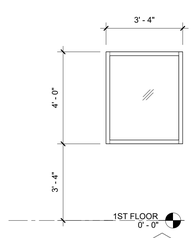
1. REFERENCE DOOR SCHEDULE FOR SIGNAGE LOCATIONS.
2. TEXT SHOWN ON SIGNS IS SAMPLE TEXT ONLY.
3. SEE SHEET A000 FOR MOUNTING HEIGHTS.
4. SEE INTERIOR FINISHES PLANS FOR SIGNAGE LOCATIONS NOT NOTED IN DOOR SCHEDULE. ON FINISHES PLANS, "ST" DENOTES SIGN TYPE. FOR EXAMPLE, "ST-K" DENOTES SIGN TYPE K.

DOOR AND WINDOW FRAME TYPES:

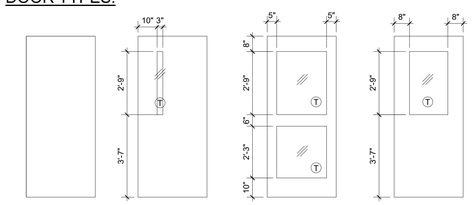


I II III

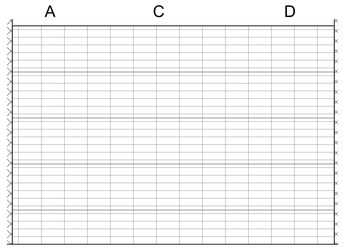
LOUVER GLAZED INTO TRANSOM WHERE INDICATED ON DOOR SCHEDULE.



DOOR TYPES:

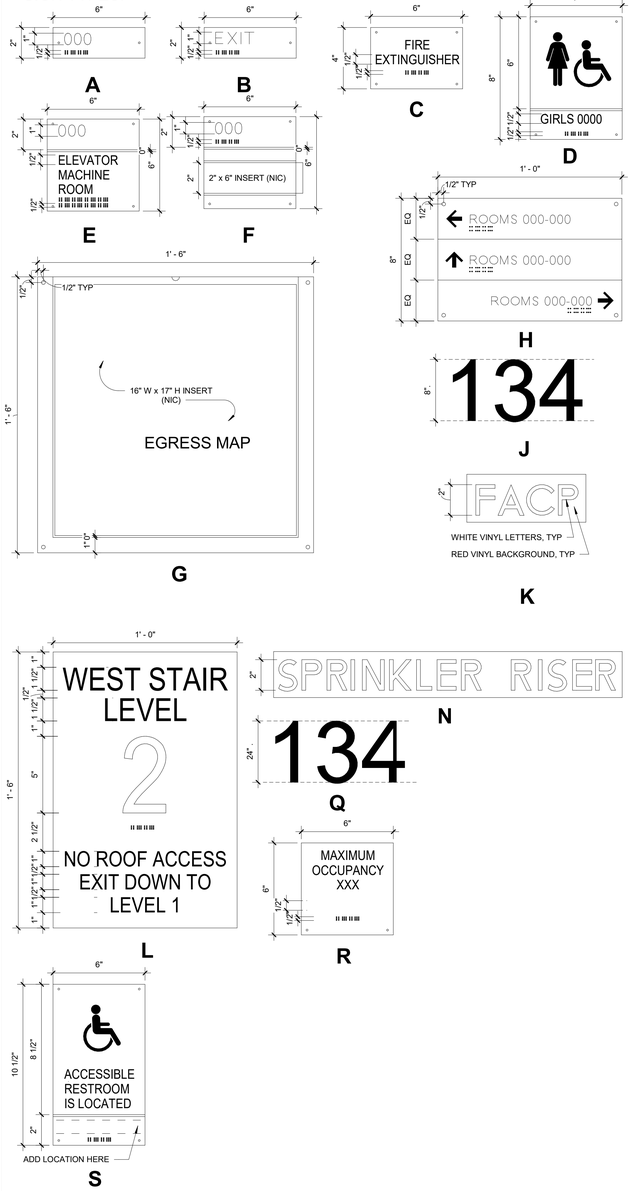


A C D E



B

SIGN TYPES:



A B C D E F G H J K L N Q R S

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, PA — PROFESSIONAL CORPORATION — 50304 — RALEIGH, N.C. — NORTH CAROLINA

ROBERT C. STEVENSON — 6214 — 1-10-25 — NORTH CAROLINA — RALEIGH, N.C.

DKA JOB NUMBER
2401

REVISIONS

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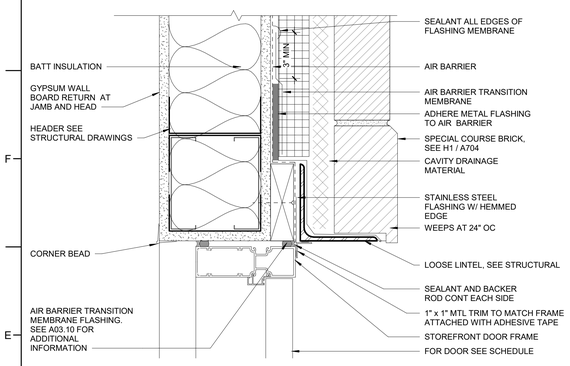
PA: ROBERT STEVENSON
PM: BETH KING
Drawn By: LMY
Plot Date: 1/16/2025 5:38:05 AM

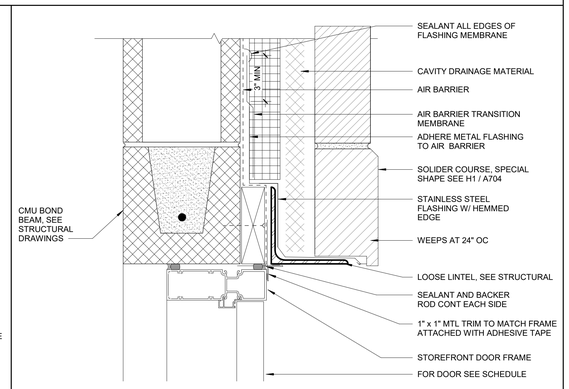
DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
DOOR SCHEDULE AND NOTES

A701



E1 SF EXTERIOR DOOR HEAD - TYP
3" = 1'-0"



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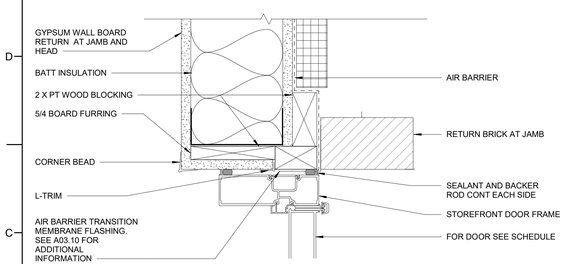

C1 SF EXTERIOR DOOR JAMB - TYP
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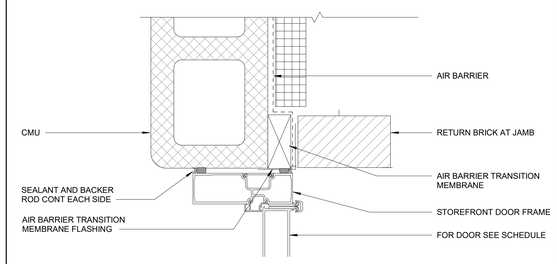
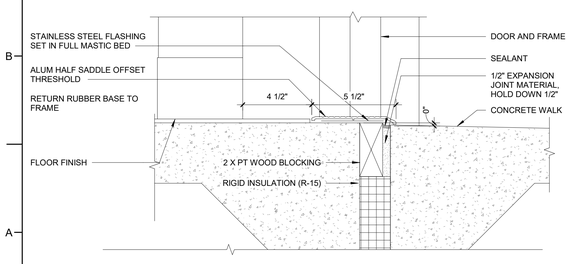
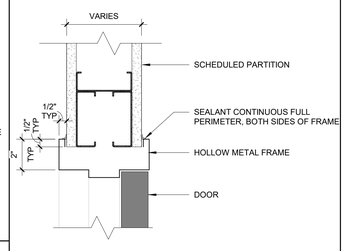


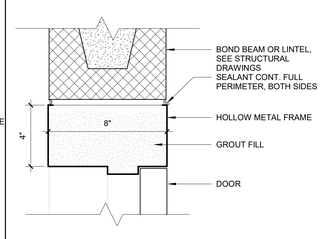
C3 SF EXTERIOR DOOR JAMB CMU - TYP
3" = 1'-0"



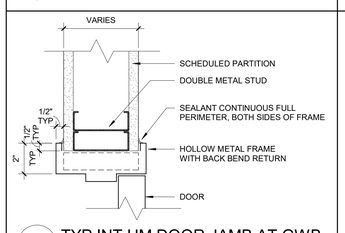
A1 EXTERIOR THRESHOLD
3" = 1'-0"



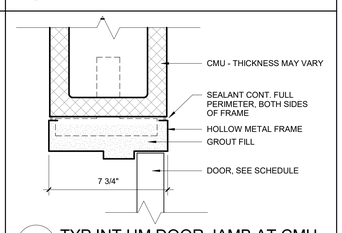
B6 TYP INT HM DOOR HEAD AT GWB
3" = 1'-0"



B7 TYP INT HM DOOR HEAD AT CMU
3" = 1'-0"



A6 TYP INT HM DOOR JAMB AT GWB
3" = 1'-0"



A7 TYP INT HM DOOR JAMB AT CMU
3" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

REVISIONS

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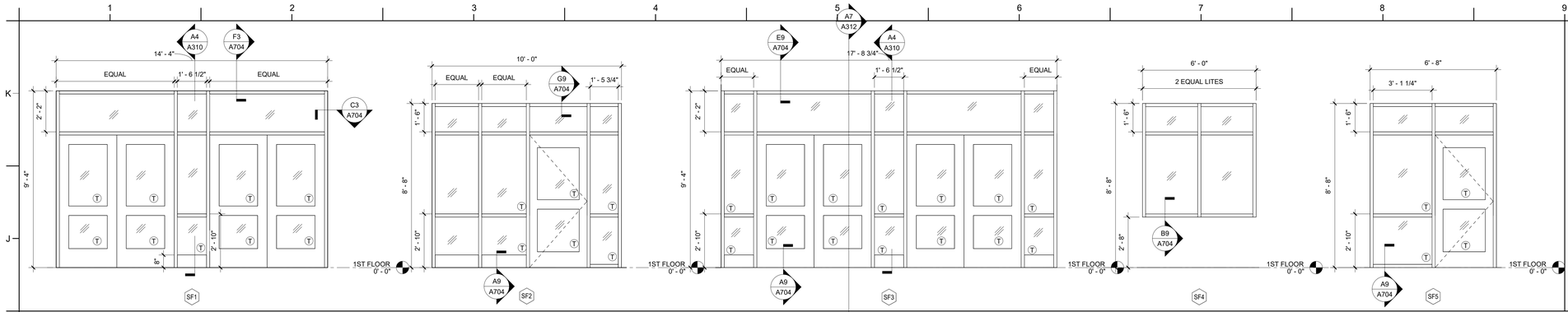
BID DOCUMENTS
01/10/2025

SHEET TITLE
DOOR DETAILS

A702

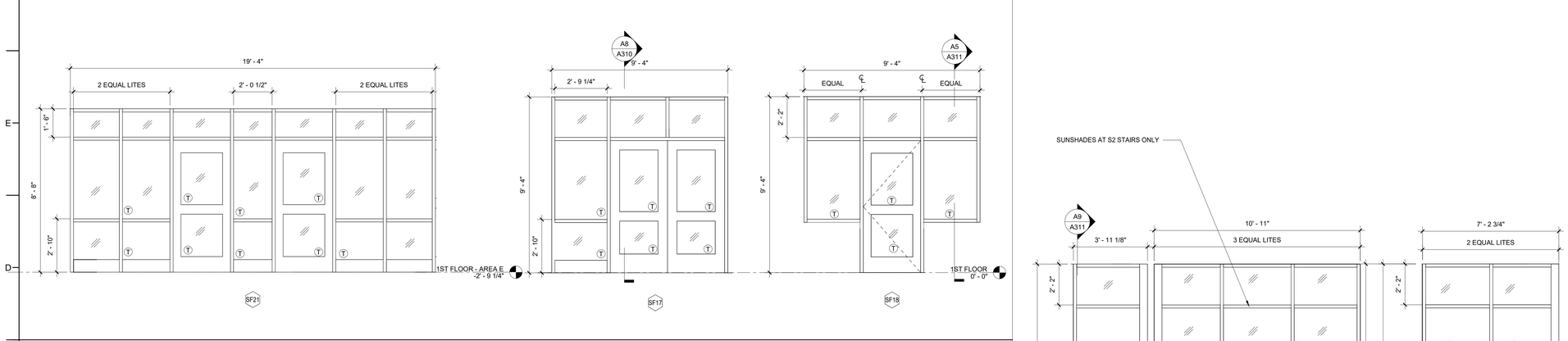


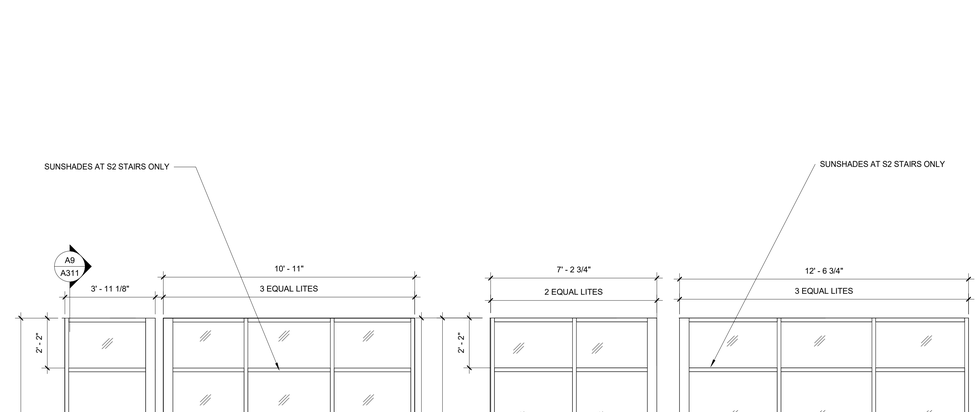
STOREFRONT SYMBOL LEGEND

- INDICATES GLAZING
- (T) INDICATES TEMPERED GLAZING
- (S) INDICATES SPANDREL GLAZING
- (F) INDICATES COLORED FILM, SURFACE APPLIED ON GLAZING
- (D) INDICATES DIFFUSED GLAZING

STOREFRONT GENERAL NOTES:

1. ALL FACE FRAME WIDTH TO BE 2", UON
2. SEE SHEET A201 FOR LOCATIONS OF ALUMINUM SUNSAHDES INTEGRAL TO STOREFRONT





*ALTERNATE SF ELEVATIONS. SEE PLAN FOR LOCATIONS

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. 50304 NORTH CAROLINA RALEIGH, N.C.

ROBERT C. STEVENSON 6214 NORTH CAROLINA RALEIGH, N.C.

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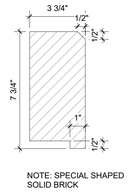
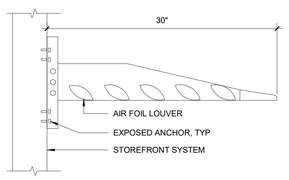
SHEET TITLE
STOREFRONT ELEVATIONS

A703

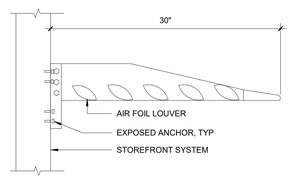


NOTE: SPECIAL SHAPED SOLID BRICK

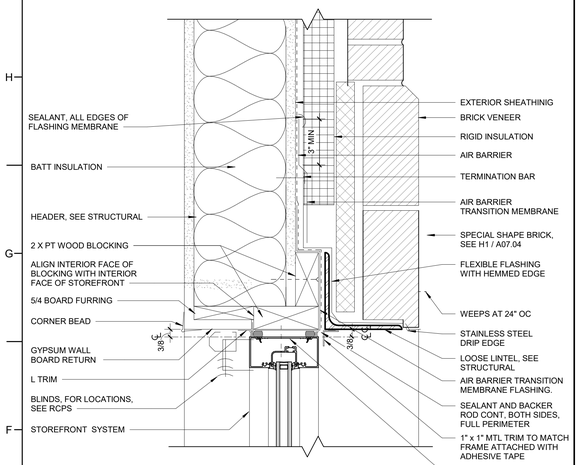
H1 SPECIAL SHAPE BRICK
3" = 1'-0"



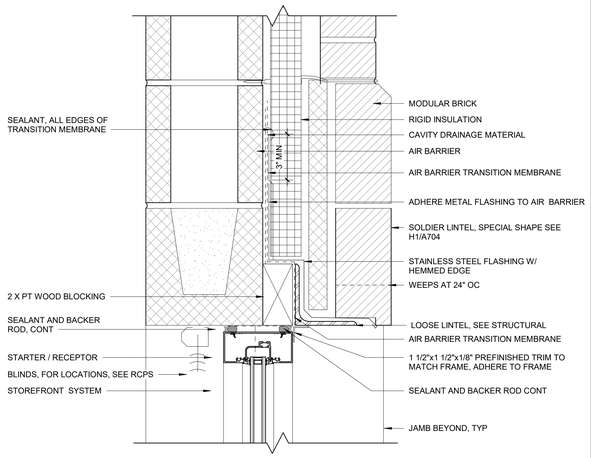
H2 SUNSHADE SECTION BELOW HEAD
1 1/2" = 1'-0"



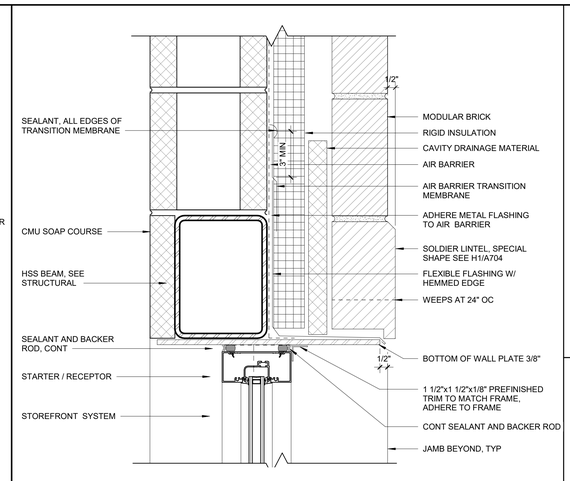
H4 SUNSHADE SECTION - AT HEAD
1 1/2" = 1'-0"



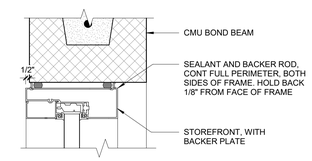
F1 STOREFRONT HEAD AT MTL STUD WALL - TYP
3" = 1'-0"



F3 STOREFRONT HEAD AT CMU - TYP
3" = 1'-0"

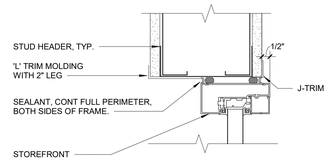


F6 STOREFRONT HEAD AT HSS BEAM
3" = 1'-0"



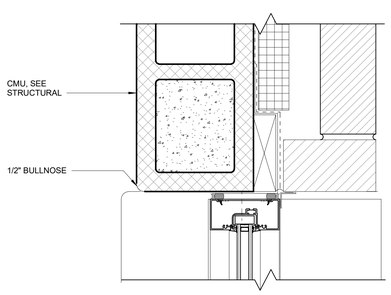
NOTE: JAMB SIMILAR

G9 TYP INT STOREFRONT HEAD AT CMU
3" = 1'-0"

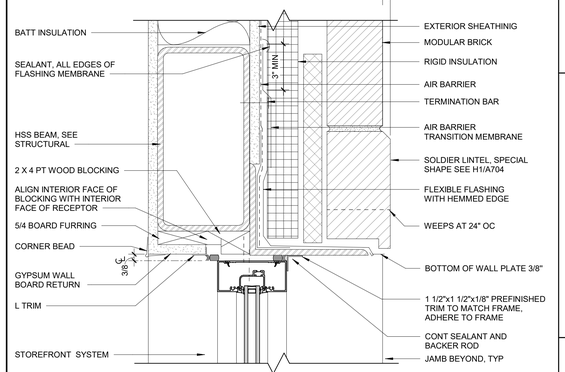


E9 TYP INT STOREFRONT HEAD GWB
3" = 1'-0"

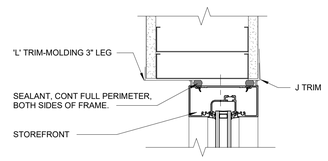
C1 STOREFRONT JAMB AT MTL STUD WALL - TYP
3" = 1'-0"



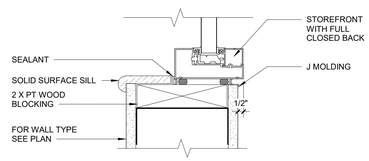
C3 STOREFRONT JAMB AT CMU - TYP
3" = 1'-0"



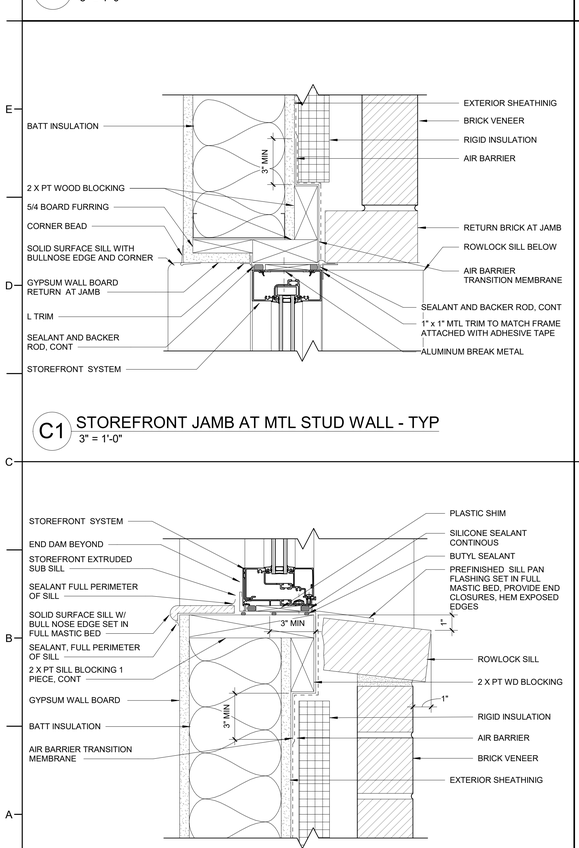
C6 STOREFRONT HEAD AT HSS BEAM - TYP 2
3" = 1'-0"



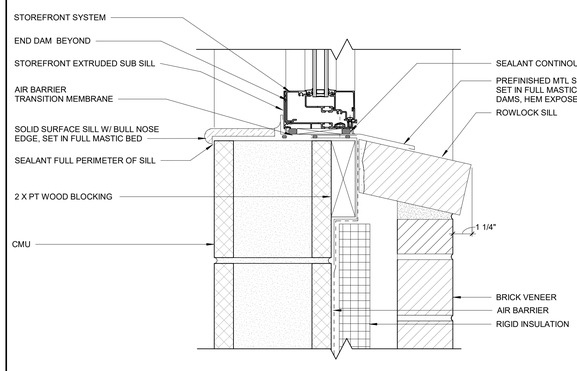
D9 TYP INT STOREFRONT JAMB AT GWB
3" = 1'-0"



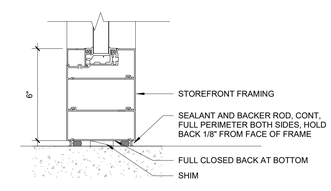
B9 TYP INT STOREFRONT SILL AT WALL
3" = 1'-0"



A1 STOREFRONT SILL AT MTL STUD WALL - TYP
3" = 1'-0"



A3 STOREFRONT SILL AT CMU - TYP
3" = 1'-0"



A9 TYP INT STOREFRONT SILL AT FLOOR
3" = 1'-0"

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, PA — 50304 — NORTH CAROLINA — RALEIGH, N.C.

ROBERT C. STEVENSON — 6214 — NORTH CAROLINA — RALEIGH, N.C.

DKA JOB NUMBER
2401

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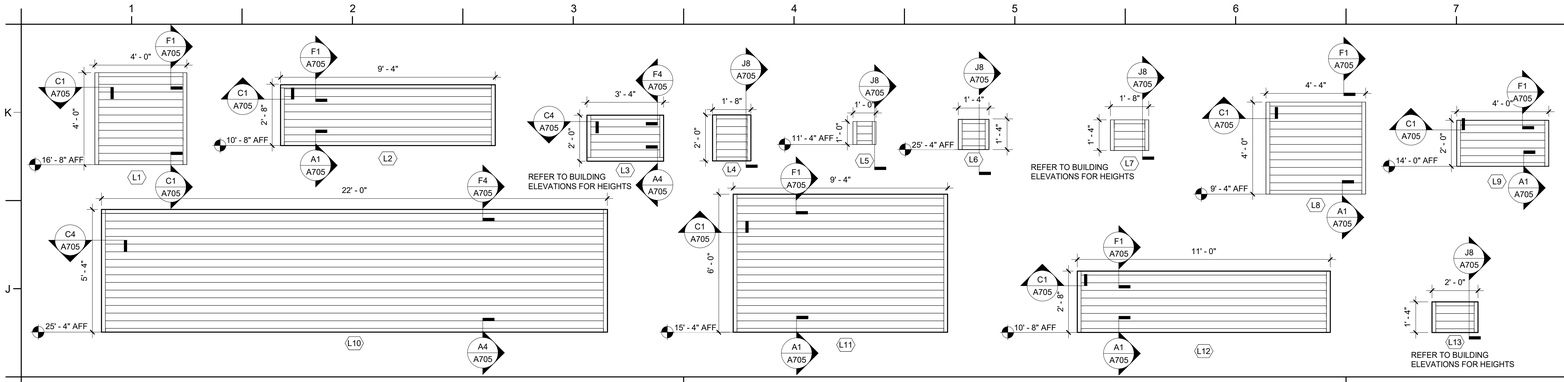
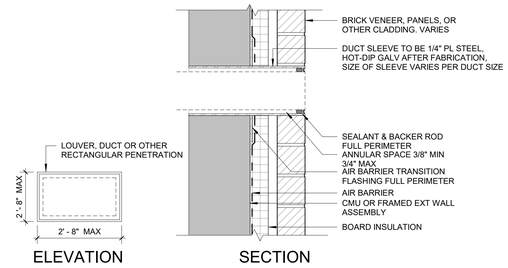
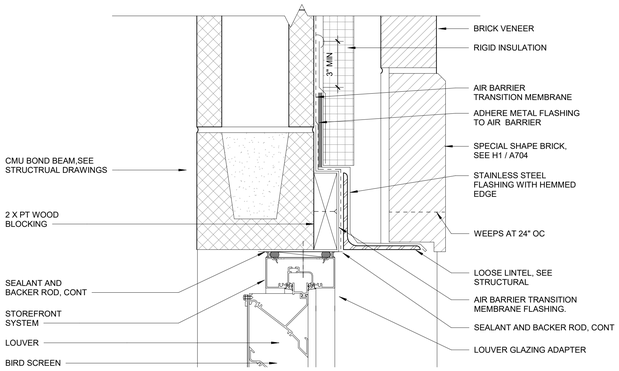
SHEET TITLE
STOREFRONT DETAILS

A704

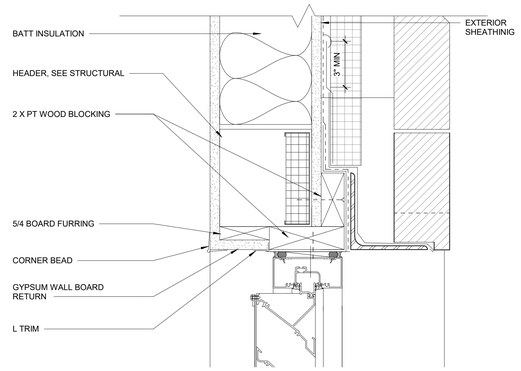




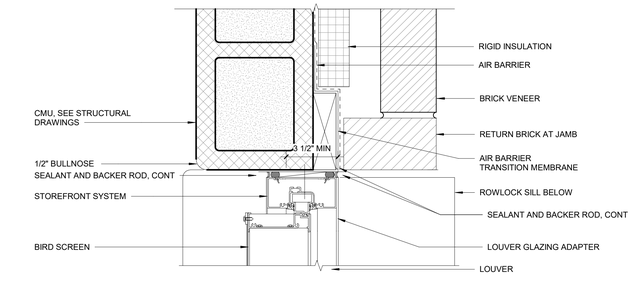
J8 TYP EXT. WALL PENETRATION - SLEEVED, RECTILINEAR
1 1/2" = 1'-0"



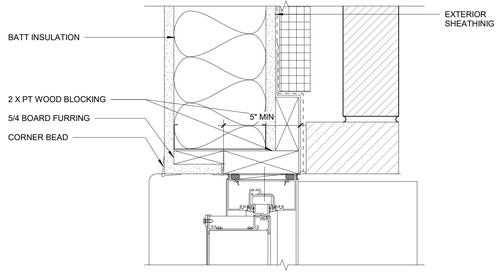
F1 TYP EXT LOUVER HEAD AT CMU
3" = 1'-0"



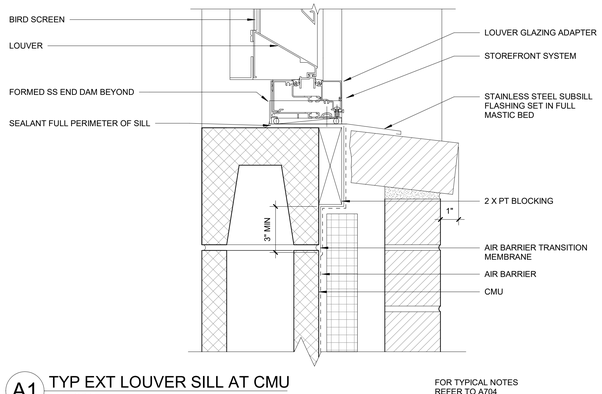
F4 TYP EXT LOUVER HEAD AT MTL STUD WALL
3" = 1'-0"



C1 TYP EXT LOUVER JAMB AT CMU
3" = 1'-0"

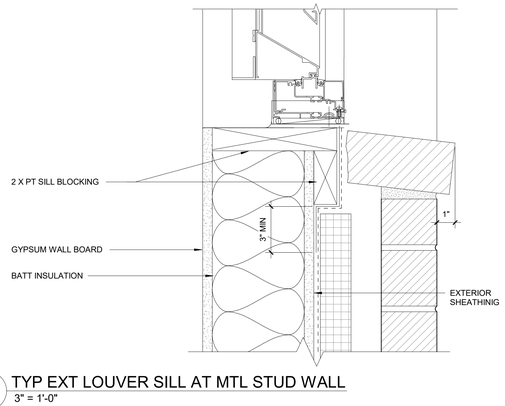


C4 TYP EXT LOUVER JAMB AT METAL STUD WALL
3" = 1'-0"



A1 TYP EXT LOUVER SILL AT CMU
3" = 1'-0"

FOR TYPICAL NOTES
REFER TO A704



A4 TYP EXT LOUVER SILL AT MTL STUD WALL
3" = 1'-0"

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PROJECT INFORMATION

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SEALS

DAVIS KANE ARCHITECTS, P.A. REGISTERED ARCHITECTURAL CORPORATION 50304 NORTH CAROLINA RALEIGH, N.C.

ROBERT C. STEVENSON REGISTERED ARCHITECT 6214 1-10-25 NORTH CAROLINA RALEIGH, N.C.

DKA JOB NUMBER
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SHEET TITLE
LOUVER SCHEDULE AND DETAILS

A705

INTERIOR FINISHES ROOM SCHEDULE

NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL		CEILING		NOTES
				MATERIAL	FINISH	MATERIAL	FINISH	
A100A	CORRIDOR	TERRAZZO	TERRAZZO	CMU/GWB	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
A100B	CORRIDOR	TERRAZZO	TERRAZZO	CMU	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
A101	STORAGE	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A102	ELEC	SEALED CONC	RB	CMU/GWB	PAINT	EXPOSED	PAINT	
A103	TLT	TILE	TB	GWB	PAINT	APC	FACTORY	
A104	RISER	SEALED CONC	RB	GWB	PAINT	EXPOSED	PAINT	
A105	TLT	TILE	TB	CMU/GWB	TILE	APC	FACTORY	
A106	DATA	SEALED CONC	RB	CMU/GWB	PAINT	EXPOSED	PAINT	
A107	BOYS	TILE	TB	CMU/GWB	PAINT	APC	FACTORY	
A108	CTE CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A109	PLUMB CHASE	SEALED CONC	-	CMU/GWB	-	EXPOSED	PAINT	
A110	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A111	GIRLS	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
A112	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A113	E/C CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A113A	TLT	TILE	TB	GWB	PAINT/TILE	APC	FACTORY	
A113B	EC KITCHEN	VCT	RB	GWB	PAINT	APC	FACTORY	
A114	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A115	E/C CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A115A	TLT	TILE	TB	GWB	PAINT/TILE	APC/GWB	FACTORY/PAINT	
A116	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A117	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A200	CORRIDOR	TERRAZZO	TERRAZZO	CMU/GWB	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
A201	MECHANICAL	SEALED CONC	RB	CMU/GWB	-	EXPOSED	PAINT	
A202	WORK ROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A202A	TLT	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
A203	BOYS	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
A204	COMPUTER LAB	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A205	PLUMB CHASE	SEALED CONC	-	CMU/GWB	-	EXPOSED	PAINT	
A206	STEM CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A207	GIRLS	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
A208	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A209	SCIENCE	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A209A	PREP ROOM	VCT	RB	GWB	PAINT	APC	FACTORY	
A210	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A211	TLT	TILE	RB	CMU/GWB	PAINT	APC	FACTORY	
A212	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A213	SCIENCE	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
A215	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
B100	CORRIDOR	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B101	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B101A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B102	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B102A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B103	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTIN	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B104	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTIN	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B105	WOMEN	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B106	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B106A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B107	JAN	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B107A	CHASE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B108	WORK ROOM	EXISTING	EXISTING	EXISTING	EXIST	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B109	MEN	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B110	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B111	IDF	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B112	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B112A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
B113	TLT	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B114	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B115	TLT	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 02
B117	ELEC	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
C100	CORRIDOR	TERRAZZO	TERRAZZO	CMU/GWB	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
C101	RECEPTION	TERRAZZO	TERRAZZO	CMU/GWB	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
C101A	CORRIDOR	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C102	VESTIBULE	TERRAZZO	TERRAZZO	CMU	PAINT	APC	FACTORY	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
C103	OFFICE WORK ROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C104	BAND	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C104A	INSTRUMENT STOR	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C105	SECRETARY	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C106	MUSIC	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C106A	STOR	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C107	DATA MANAGER	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C108	ART	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C108A	STOR	SEALED CONC	RB	CMU/GWB	PAINT	APC	FACTORY	
C108B	KILN	SEALED CONC	RB	CMU/GWB	PAINT	APC	FACTORY	
C109	MDF	SEALED CONC	RB	CMU/GWB	PAINT	EXPOSED	PAINT	
C111	RECORDS	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C113	ASSISTANT PRINCIPAL	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C115	NURSE	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C115A	TLT	TILE	TB	CMU/GWB	PAINT	APC	FACTORY	
C117	PRINCIPAL	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C119	ACCESS	SEALED CONC	RB	CMU/GWB	PAINT	EXPOSED	-	
C121	CONF.	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
C123	TEACHER LOUNGE	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C125	TLT	TILE	TB	CMU/GWB	PAINT	APC	FACTORY	
C127	TLT	TILE	TB	CMU/GWB	PAINT	APC	FACTORY	
C129	MEDIA CENTER	CPT	RB	CMU	PAINT	APC/GWB	FACTORY/PAINT	
C129A	WORK ROOM/ STORAGE	VCT	RB	CMU	PAINT	APC	FACTORY	
C131	TEACHER WORKROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C133	BOOK STOR	VCT	RB	CMU/GWB	PAINT	APC	FACTORY	
C200	MECHANICAL	SEALED CONC	RB	CMU/GWB	PAINT	EXPOSED	-	
D100	CORRIDOR	TERRAZZO	TERRAZZO	CMU	PAINT	APC/GWB	FACTORY/PAINT	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
D101	VESTIBULE	TERRAZZO	TERRAZZO	CMU	PAINT	APC/GWB	FACTORY/PAINT	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
D103	STUDENT SERVICES	CPT	RB	CMU	PAIN	APC	FACTORY	
D103A	OFFICE	CPT	RB	CMU	PAINT	APC	FACTORY	
D103B	OFFICE	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
D103C	RESOURCE OFFICE	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
D103D	STORAGE	CPT	RB	CMU/GWB	PAINT	APC	FACTORY	
D104	DINING	TERRAZZO	RB	CMU	PAINT	APC	FACTORY	
D104A	TRASH ROOM	TERRAZZO	TB	CMU	PAINT	APC	FACTORY	
D105	GIRLS	TILE	TB	CMU	PAINT	APC	FACTORY	
D106	SERVING	QT	TB	CMU	PAINT	APC/GWB	FACTORY/PAINT	
D107	PLUMB CHASE	SEALED CONC	-	CMU/GWB	-	EXPOSED	-	
D108	DISH ROOM	QT	QT	CMU	PAINT	APC	FACTORY	
D109	BOYS	TILE	TB	CMU	PAINT/TILE	APC	FACTORY	
D110	OFFICE	QT	QT	CMU	PAINT	APC	FACTORY	
D112	JAN	QT	QT	CMU	PAINT	APC	FACTORY	
D113	ELEC	SEALED CONC	RB	CMU	PAINT	EXPOSED	-	
D114	LAUNDRY	QT	QT	CMU	PAINT	APC	FACTORY	
D115	MECHANICAL	SEALED CONC	RB	CMU	PAINT	EXPOSED	-	
D116	LOCKERS	QT	QT	CMU	PAINT	APC	FACTORY	
D116A	TLT	QT	QT	CMU	PAINT	APC	FACTORY	
D118	KITCHEN	QT	QT	CMU	PAINT	APC	FACTORY	
D120	DRY STORAGE	QT	QT	CMU	PAINT	APC	FACTORY	
D122	FREEZER	SEALED CONC	-	CMU	-	EXPOSED	-	
D124	COOLER	SEALED CONC	-	CMU	-	EXPOSED	-	
E100	CORRIDOR	VCT	RB	CMU	PAINT	APC	FACTORY	
E101	JAN	SEALED CONC	RB	CMU	PAINT	APC	FACTORY	
E102	DATA	SEALED CONC	RB	CMU	PAINT	EXPOSED	PAINT	
E103	STORAGE	VCT	RB	CMU	PAINT	APC	FACTORY	
E104	VISITOR LOCKER	QT	QT	CMU	PAINT	APC	FACTORY	
E105	CORRIDOR	VCT	RB	CMU	PAINT	APC	FACTORY	
E106	OFFICE	VCT	RB	CMU	PAINT	APC	FACTORY	
E107	OFFICE	VCT	RB	CMU	PAINT	APC	FACTORY	
E108	STORAGE	VCT	RB	CMU	PAINT	APC	FACTORY	
E109	TRAINING	QT	QT	CMU	PAINT	APC	FACTORY	
E110	LAUNDRY	QT	QT	CMU	PAINT	APC	FACTORY	
E111	STAFF TLT	QT/TILE	QT/TILE	CMU/GWB	PAINT	APC/GWB	FACTORY/PAINT	
E113	BOYS LOCKER	QT	QT	CMU	PAINT	APC	FACTORY	
E114	GIRLS LOCKER	QT	QT	CMU	PAINT	APC	FACTORY	
E115	BOYS	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
E116	GIRLS	TILE	TB	CMU/GWB	PAINT/TILE	APC	FACTORY	
E117	GYM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PAINT AT NEW CMU
E117A	CORRIDOR	VCT	RB	CMU	PAIN	APC	FACTORY	
E117B	CORRIDOR	VCT	RB	CMU	PAINT	APC	FACTORY	
E121	LOBBY	EXISTING	EXISTING	CMU	EXISTING	APC	FACTORY	
E122	STOR	EXISTING	EXISTING	CMU	EXISTING	APC	FACTORY	
E122A	ELEC	EXISTING	EXISTING	CMU	EXISTING	EXPOSED	-	
E123	GIRLS	EXISTING	EXISTING	CMU	EXISTING	APC	FACTORY	
E124	BOYS	EXISTING	EXISTING	CMU	EXISTING	APC	FACTORY	
E125	CONCESSIONS	EXISTING	EXISTING	CMU	EXISTING	APC	FACTORY	
E1	ELEV (SHAFT)	-	-	CMU	-	EXPOSED	-	SEE SPECS FOR CAB FINISHES
S1	STAIR (SHAFT)	TERRAZZO	TERRAZZO	CMU	PAINT	APC/GWB	FACTORY/PAINT	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
S2	STAIR (SHAFT)	TERRAZZO	TERRAZZO	CMU	PAINT	APC/GWB	FACTORY/PAINT	SEE ALTERNATE ROOM SCHEDULE FOR BID ALT 04
S1	STAIR TREADS AND INTERMEDIATE LANDING: ST CONC			RISERS, STRINGERS, GUARDRAILS, HANDRAILS: PAINT				
S2	STAIR TREADS AND INTERMEDIATE LANDING: ST CONC			RISERS, STRINGERS, GUARDRAILS, HANDRAILS: PAINT				

INTERIOR FINISHES ROOM SCHEDULE ALT 01

NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL		CEILING	
				MATERIAL	FINISH	MATERIAL	FINISH
A118	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A119	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A120	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A121	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A214	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A216	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A217	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A219	CLASSROOM	VCT	RB	CMU/GWB	PAINT	APC	FACTORY

INTERIOR FINISHES ROOM SCHEDULE ALT 02

NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL		CEILING	
				MATERIAL	FINISH	MATERIAL	FINISH
B100	CORRIDOR	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B100A	CORRIDOR	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
B101	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B101A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B102	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B102A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B103	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B104	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTIN	APC	FACTORY
B105	WOMEN	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B106	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B106A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B107	JAN	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B107A	CHASE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B108	WORK ROOM	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B109	MEN	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B110	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B111	IDF	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B112	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B112A	MECHANICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B113	TLT	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B114	CLASSROOM	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B115	TLT	EXISTING	EXISTING	EXISTING	EXISTING	APC	FACTORY
B117	ELEC	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING

INTERIOR FINISHES ROOM SCHEDULE ALT 04

NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL		CEILING	
				MATERIAL	FINISH	MATERIAL	FINISH
A100A	CORRIDOR	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
A100B	CORRIDOR	VCT	RB	CMU	PAINT	APC	FACTORY
A200	CORRIDOR	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
C100	CORRIDOR	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
C101	RECEPTION	VCT	RB	CMU/GWB	PAINT	APC	FACTORY
C102	VESTIBULE	VCT	RB	CMU	PAINT	APC	FACTORY
D100	CORRIDOR	VCT	RB	CMU	PAINT	APC/GWB	FACTORY/PAINT
D101	VESTIBULE	VCT	RB	CMU	PAINT	APC/GWB	FACTORY/PAINT
S1	STAIR (SHAFT)	VCT	RB	CMU	PAINT	APC/GWB	FACTORY/PAINT
S2	STAIR (SHAFT)	VCT	RB	CMU	PAINT	APC/GWB	FACTORY/PAINT

INTERIOR FINISHES ROOM SCHEDULE NOTES:

1. QUARRY TILE (QT) COVE BASE TO BE CONTINUOUS AROUND ROOM PERIMETER, INCLUDING ALONG FACE OF WALK-IN FREEZER AND COOLER EQUIPMENT; CONTINOUS QT BASE ONLY TO BE INTERRUPTED AT DOOR OPENINGS AND PASS-THROUGH EQUIPMENT OPENING.

2. FREEZER AND COOLER ROOM FINISHES ON THIS SCHEDULE REFER TO THE BUILDING FINISHES PRIOR TO THE FREEZER AND COOLER INSTALLATION. FOR WALK-IN FREEZER AND COOLER EQUIPMENT FINISHES, INCLUDING FLOOR, WALLS AND CEILING, REFER TO SHEET SS0.05.

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. — 50304 — RALEIGH, N.C.

ROBERT C. STEVENSON — 6214 — 1-10-25 — RALEIGH, N.C.

DKA JOB NUMBER

2401

REVISIONS

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Drawn By: NK
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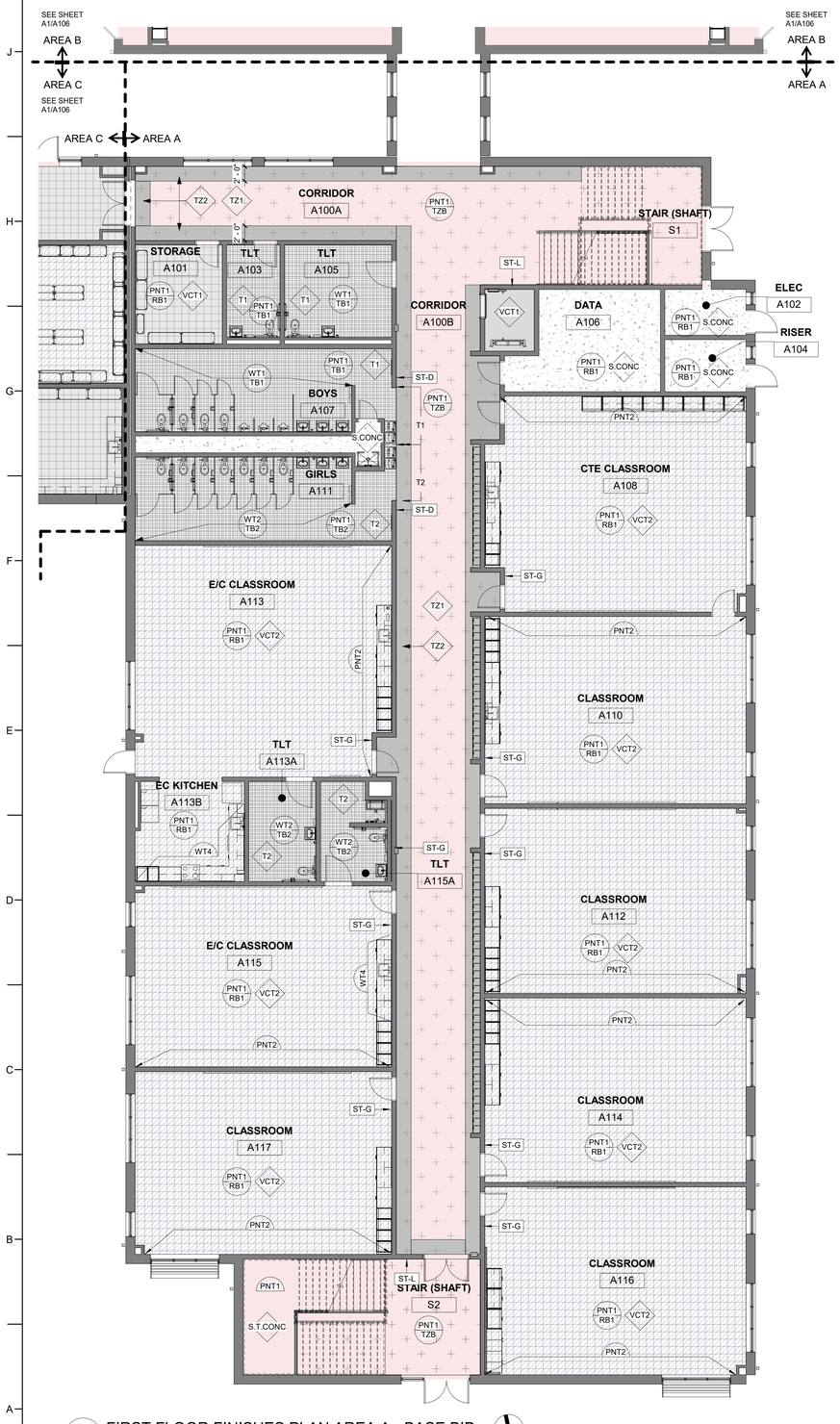
DATE ISSUED

BID DOCUMENTS
01/10/2025

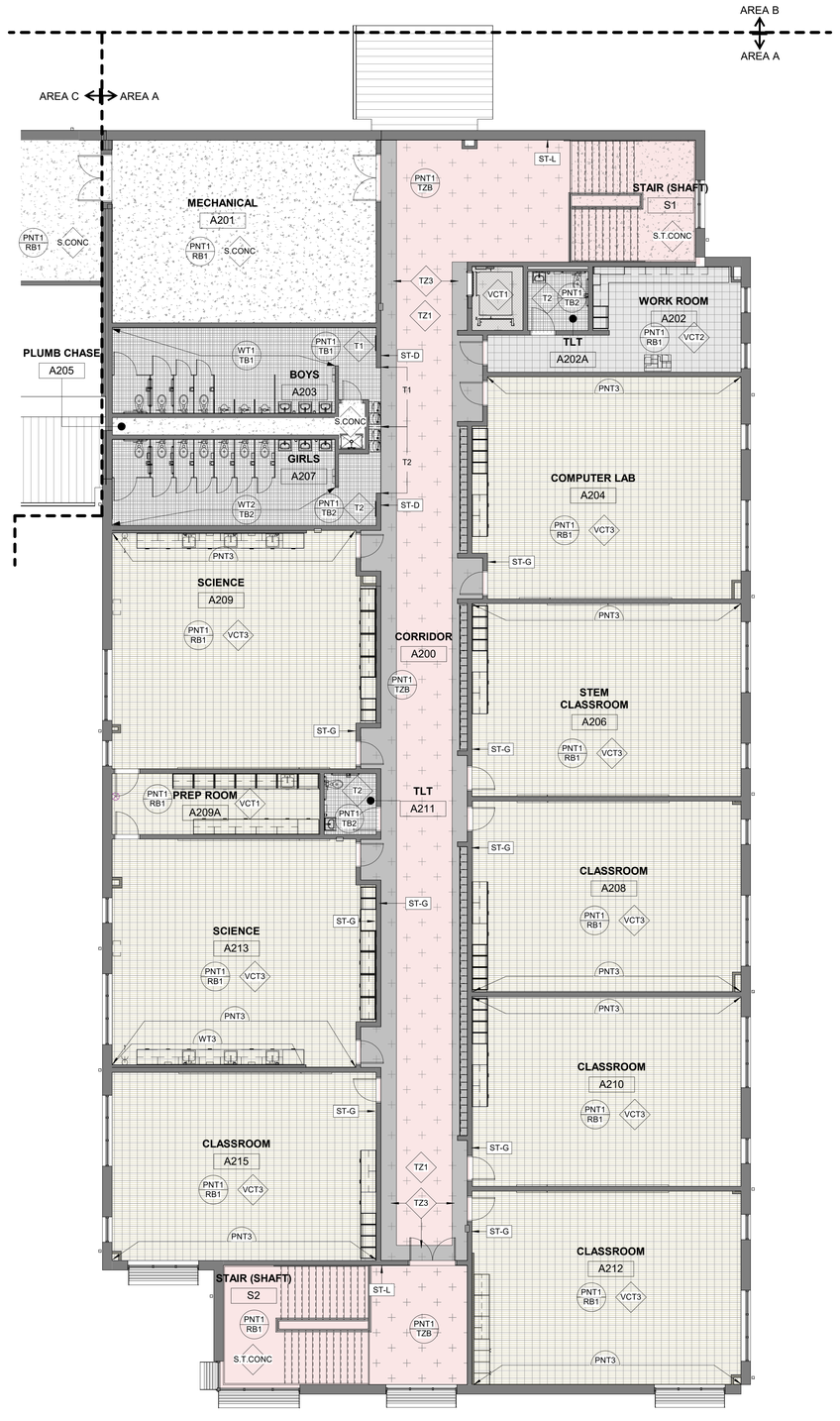
SHEET TITLE

ROOM FINISHES SCHEDULE

I001



A1 FIRST FLOOR FINISHES PLAN AREA A - BASE BID
1/8" = 1'-0"



A5 SECOND FLOOR PLAN FINISHES PLAN AREA A - BASE BID
1/8" = 1'-0"

FINISHES GENERAL NOTES:

1. SEE FLOOR PLANS FOR WALL TYPES.
2. SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
3. PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
4. FOR MATERIALS LEGEND SEE SHEET A001
5. FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
6. PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
7. FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- TERRAZZO
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE

VCT FINISH KEY:

- VCT 1
- VCT 2
- VCT 3
- VCT4

TERRAZZO FINISH KEY:

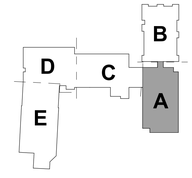
- TZ 1
- TZ 2
- TZ 3

FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
- PNT1 / RB1 — WALL UON / BASE UON
- ST-H — SIGN TYPE

KEY PLAN-1ST FLOOR

NTS



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SEALS

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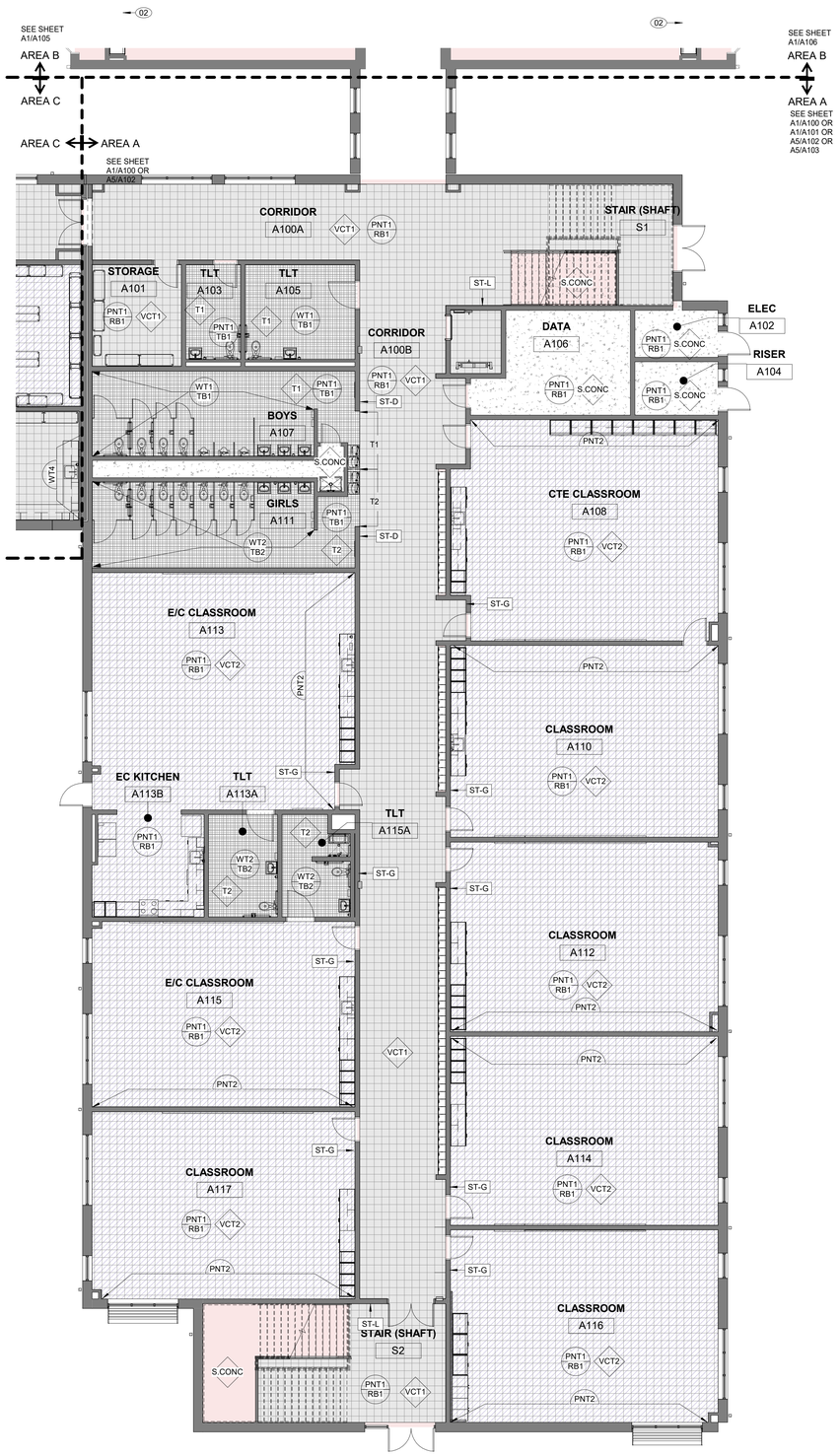
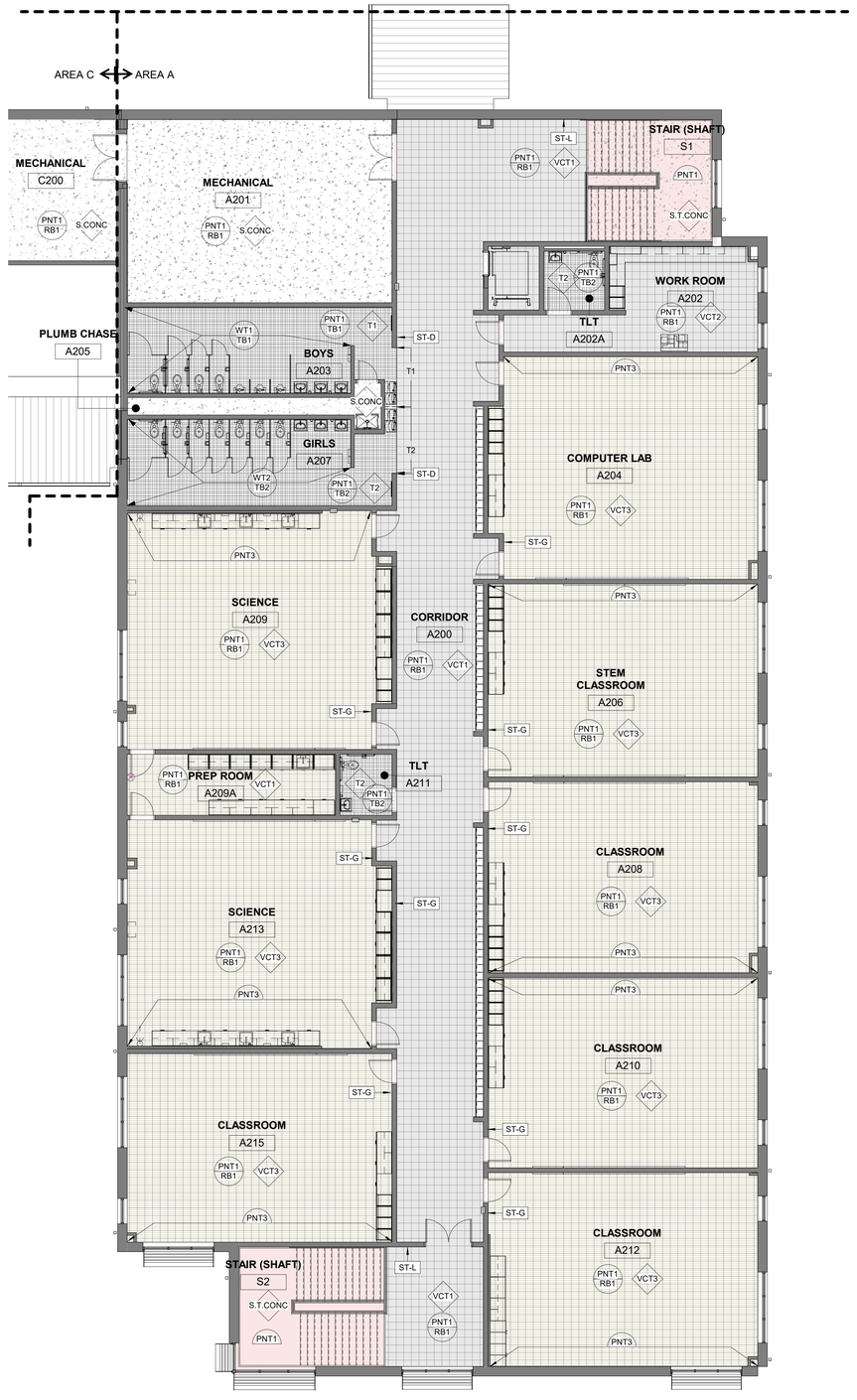
01/10/2025

SHEET TITLE
AREA A - 1ST & 2ND FLOOR FIN. PLANS - BASE BID

I100



A1 FIRST FLOOR FINISHES PLAN AREA A BID ALTERNATE NO. 4A
1/8" = 1'-0"



A5 SECOND FLOOR PLAN FINISHES PLAN AREA A BID ALTERNATE NO. 4A
1/8" = 1'-0"

FINISHES GENERAL NOTES:

1. SEE FLOOR PLANS FOR WALL TYPES.
2. SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
3. PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
4. FOR MATERIALS LEGEND SEE SHEET A001
5. FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
6. PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
7. FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- TERRAZZO
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE

VCT FINISH KEY:

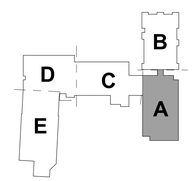
- VCT 1
- VCT 2
- VCT 3
- VCT4

FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
- PNT1 / RB1 — WALL UON / BASE UON
- ST-H — SIGN TYPE

KEY PLAN-1ST FLOOR

NTS



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ROBERT C. STEVENSON 6214 1-10-25 RALEIGH, N.C.

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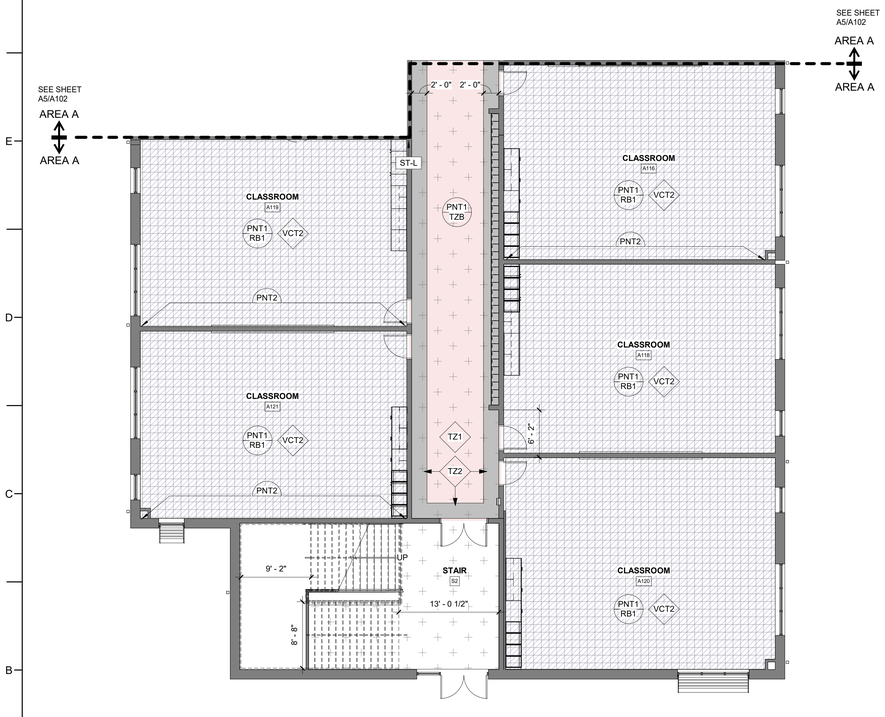
BID DOCUMENTS
01/10/2025

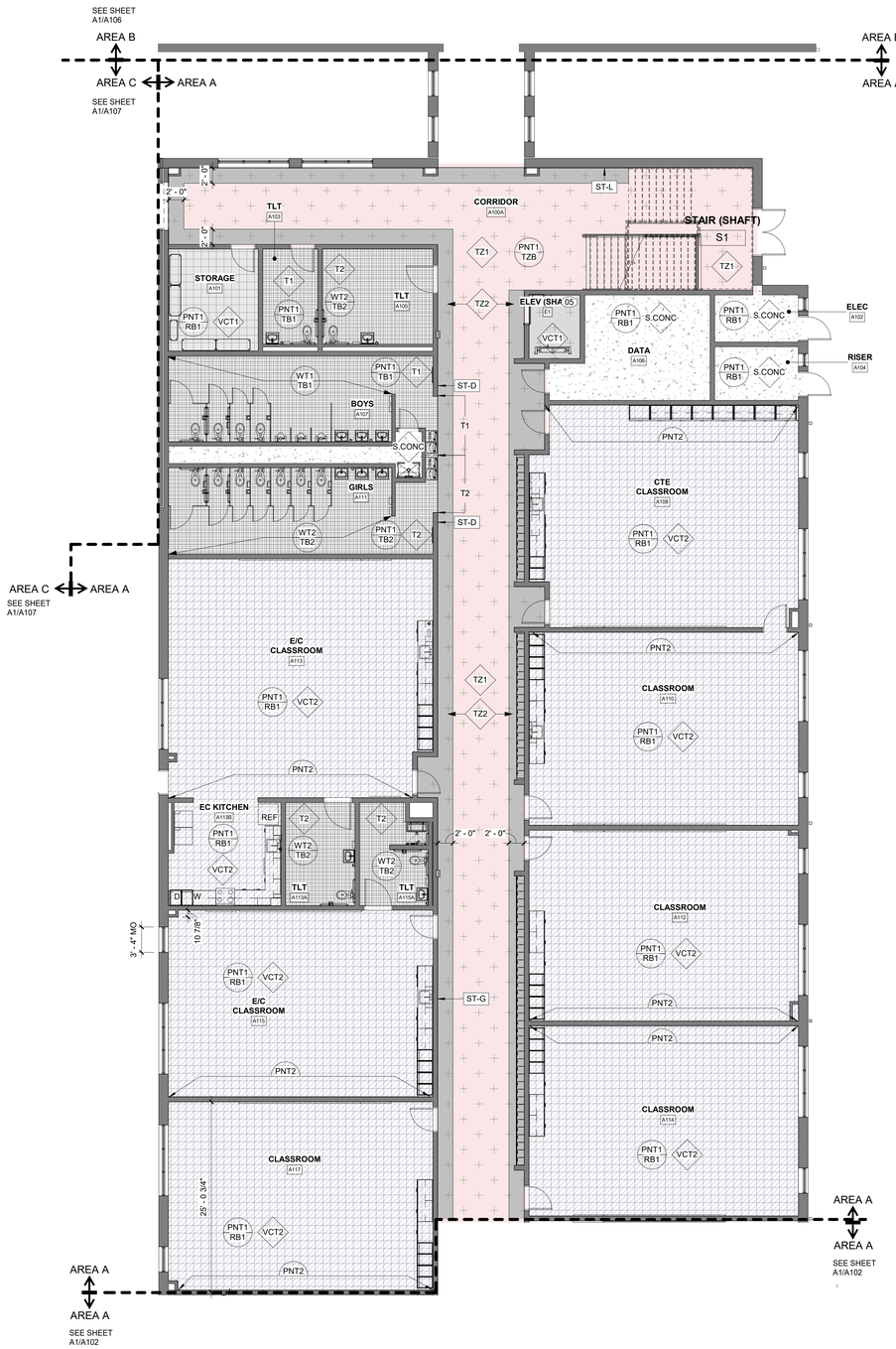
SHEET TITLE
AREA A - 1ST & 2ND FLOOR FIN. PLANS BID ALT. NO. 4A

I101



A1 FIRST FLOOR FINISHES PLAN - ALT NO.1 AREA A

1/8" = 1'-0"



A5 FIRST FLOOR FINISHES PLAN - ALT. NO.1 AREA A

1/8" = 1'-0"

FINISHES GENERAL NOTES:

1. SEE FLOOR PLANS FOR WALL TYPES.
2. SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
3. PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
4. FOR MATERIALS LEGEND SEE SHEET A001
5. FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
6. PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
7. FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- TERRAZZO
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE

VCT FINISH KEY:

- VCT 1
- VCT 2
- VCT 3
- VCT4

TERRAZZO FINISH KEY:

- TZ 1
- TZ 2
- TZ 3

FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
- PNT1 / RB1 — WALL UON / BASE UON
- ST-H — SIGN TYPE

KEY PLAN - 1ST FLOOR ALT

NTS

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919.833.3737
www.daviskane.com

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. — REGISTERED ARCHITECTURAL CORPORATION — 50304 — NORTH CAROLINA — RALEIGH, N.C.

ROBERT C. STEVENSON — REGISTERED ARCHITECT — 6214 — NORTH CAROLINA — RALEIGH, N.C.

DKA JOB NUMBER

2401

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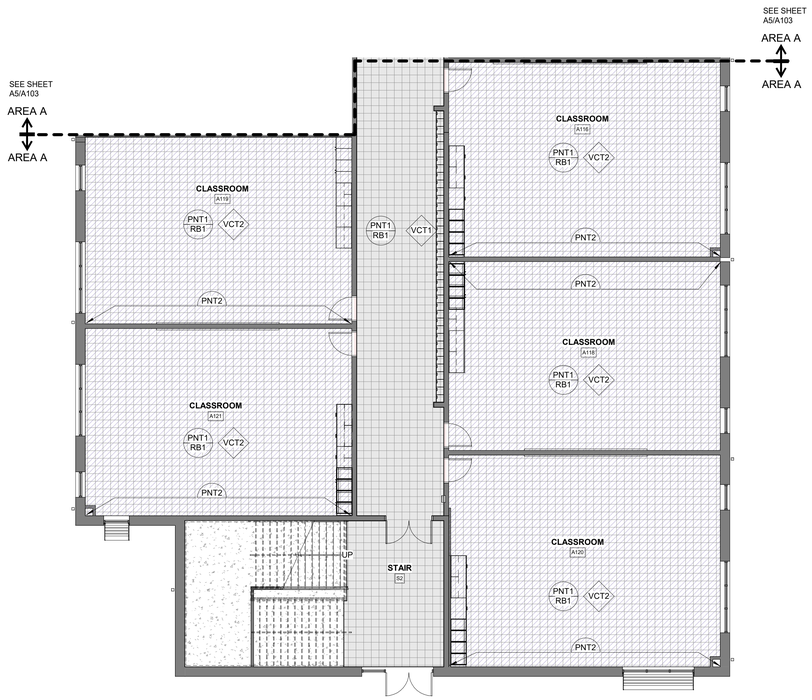
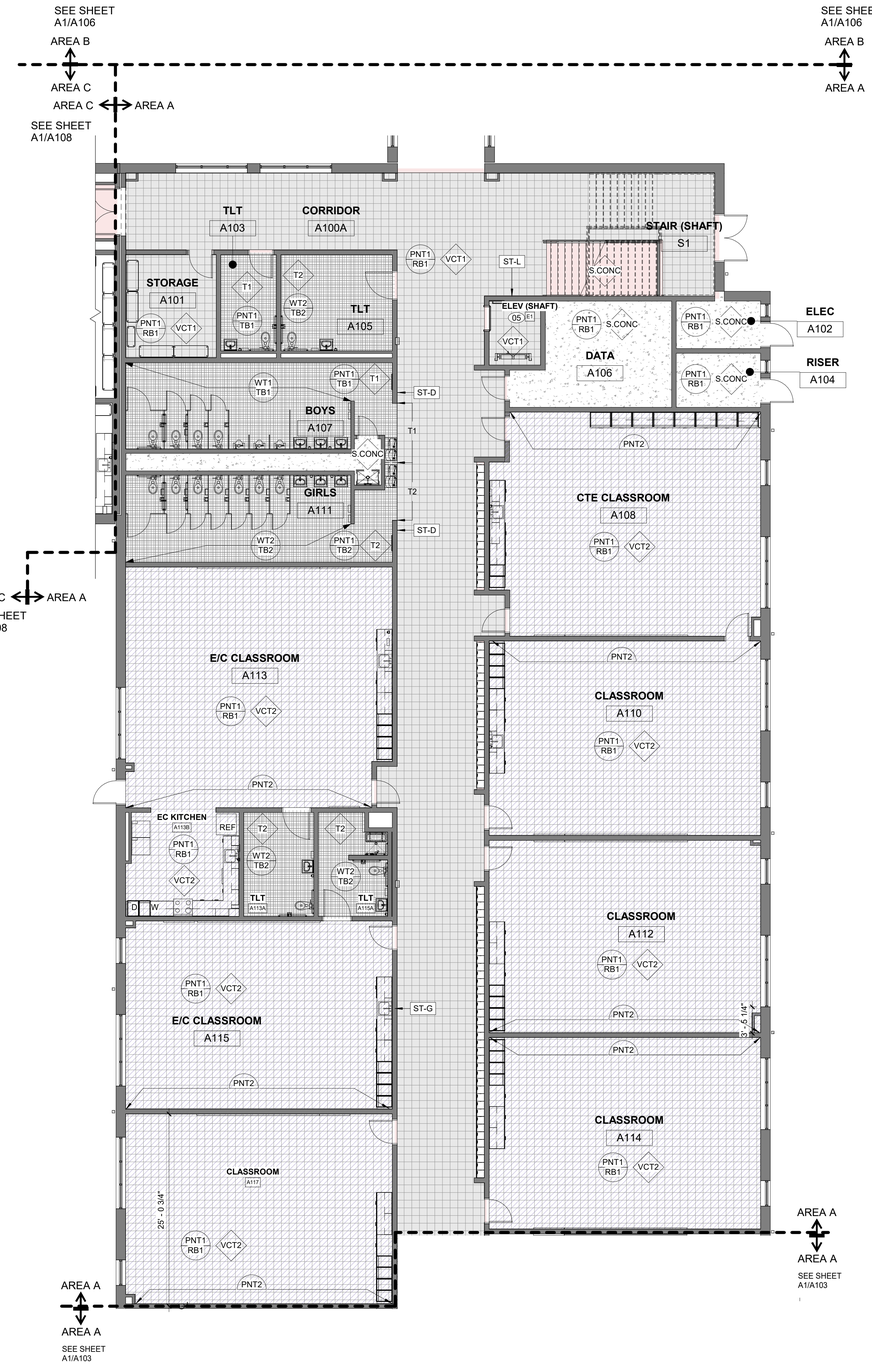
SHEET TITLE

AREA A 1ST FLOOR FIN. PLANS ALT NO. 1

I102



A1 FIRST FLOOR FINISHES PLAN - ALT NO.1 AREA A - BID ALTS NO. 4A+4B
1/8" = 1'-0"



A5 FIRST FLOOR FINISHES PLAN - ALT NO.1 AREA A - BID ALTS NO. 4A+4B
1/8" = 1'-0"

FINISHES GENERAL NOTES:

1. SEE FLOOR PLANS FOR WALL TYPES.
2. SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
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4. FOR MATERIALS LEGEND SEE SHEET A001
5. FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
6. PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
7. FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

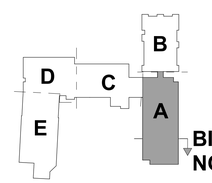
- QUARRY TILE
- MOSAIC TILE
- TERRAZZO
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE

VCT FINISH KEY:

- VCT 1
- VCT 2
- VCT 3
- VCT4

FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
- PNT1 / RB1 — WALL UON / BASE UON
- ST-H — SIGN TYPE



BID ALT NO. 1

KEY PLAN - 1ST FLOOR ALT
NTS

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PROJECT INFORMATION

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

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ROBERT C. STEVENSON — 6214 — 12-20-25 — NORTH CAROLINA — RALEIGH, N.C.

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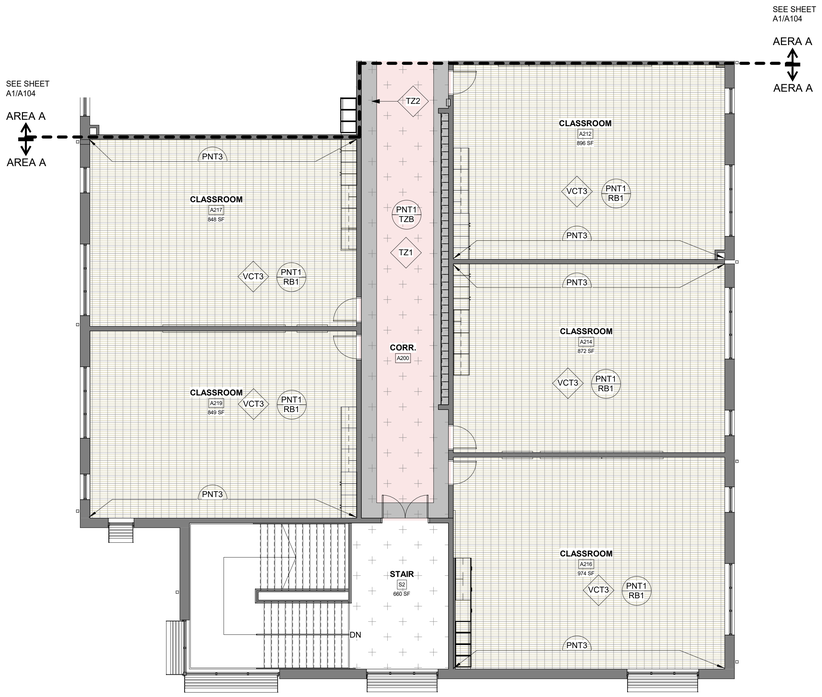
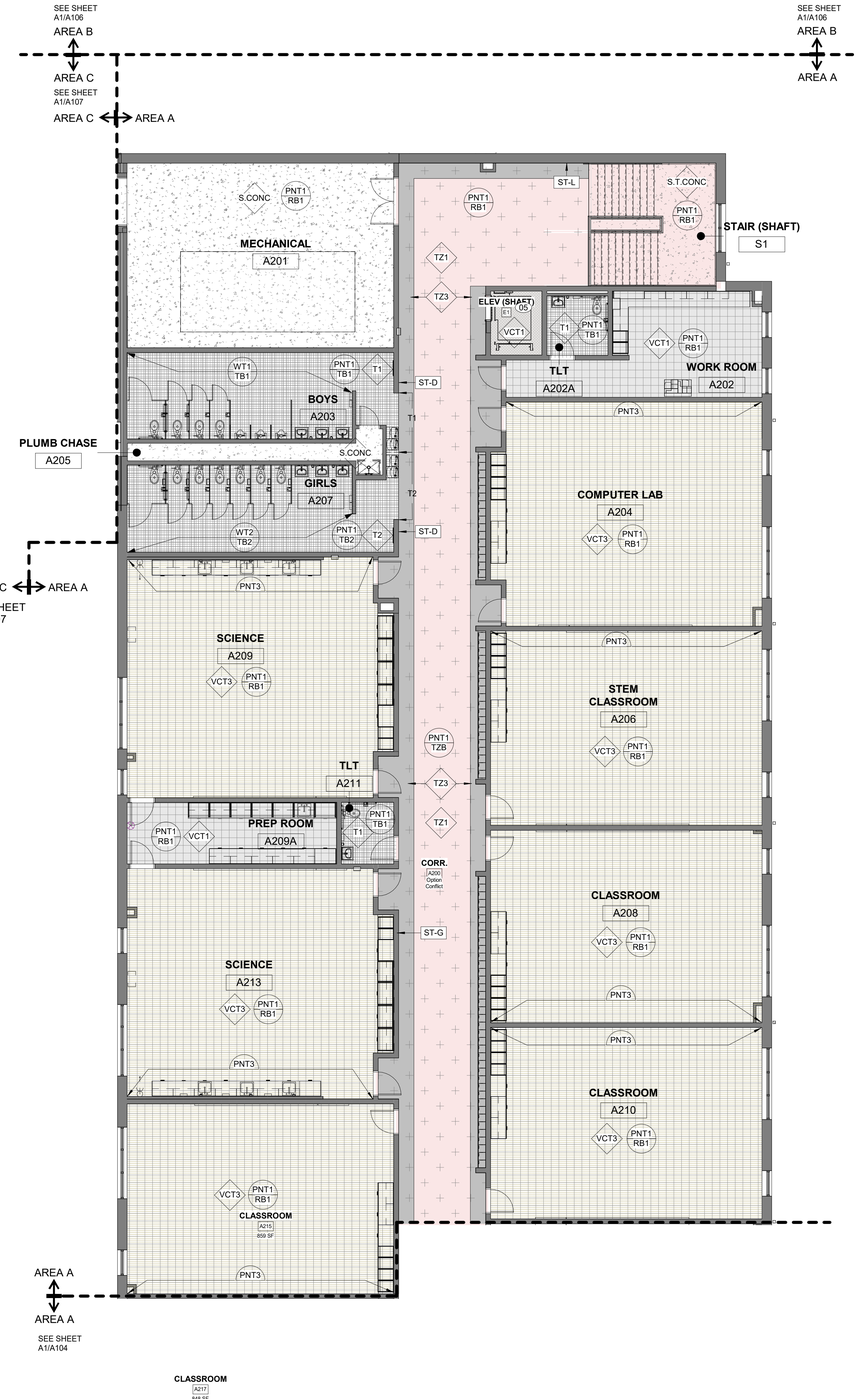
SHEET TITLE
AREA A -1ST FLOOR FIN. PLANS ALT. NO. 1 - BID ALTS 4A + 4B

I103



A1 SECOND FLOOR FINISHES PLAN - ALT NO.1 AREA A

1/8" = 1'-0"



A5 SECOND FLOOR FINISHES PLAN - ALT NO.1 AREA A

1/8" = 1'-0"

FINISHES GENERAL NOTES:

1. SEE FLOOR PLANS FOR WALL TYPES.
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7. FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- TERRAZZO
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE

VCT FINISH KEY:

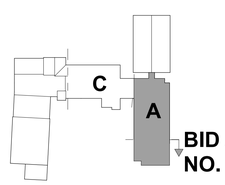
- VCT 1
- VCT 2
- VCT 3
- VCT4

TERRAZZO FINISH KEY:

- TZ 1
- TZ 2
- TZ 3

FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
- PNT1 / RB1 — WALL UON / BASE UON
- ST-H — SIGN TYPE



KEY PLAN - 2ND FLOOR

NTS

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

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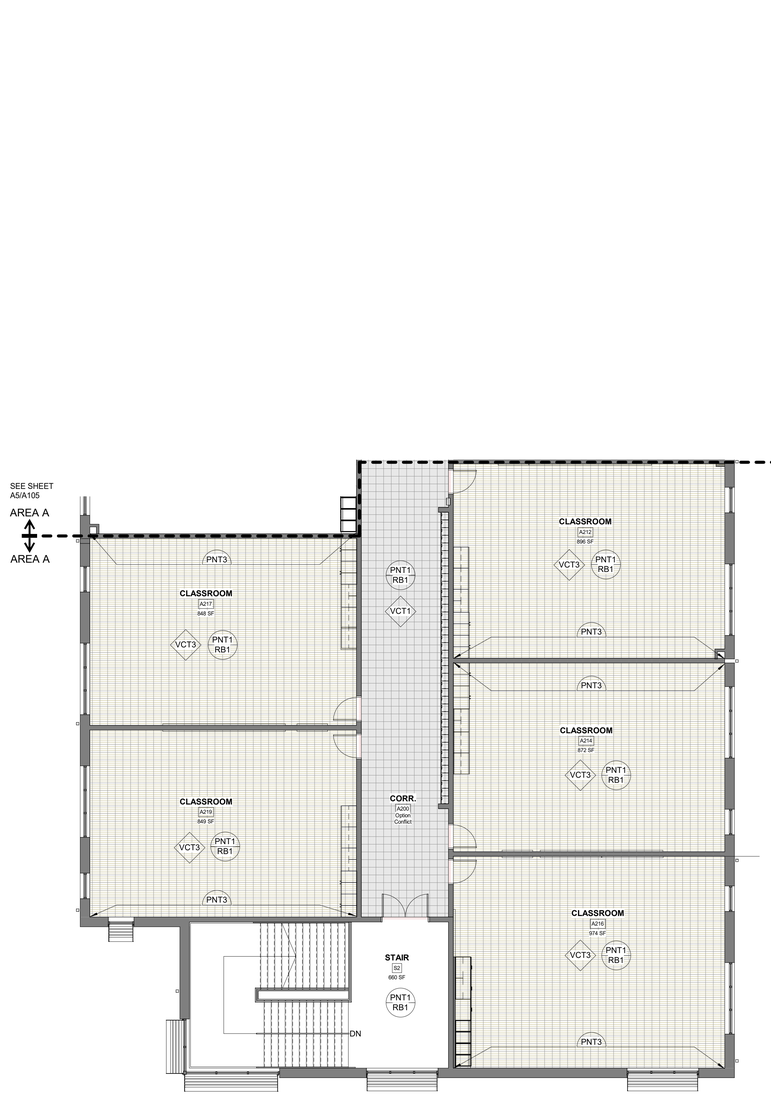
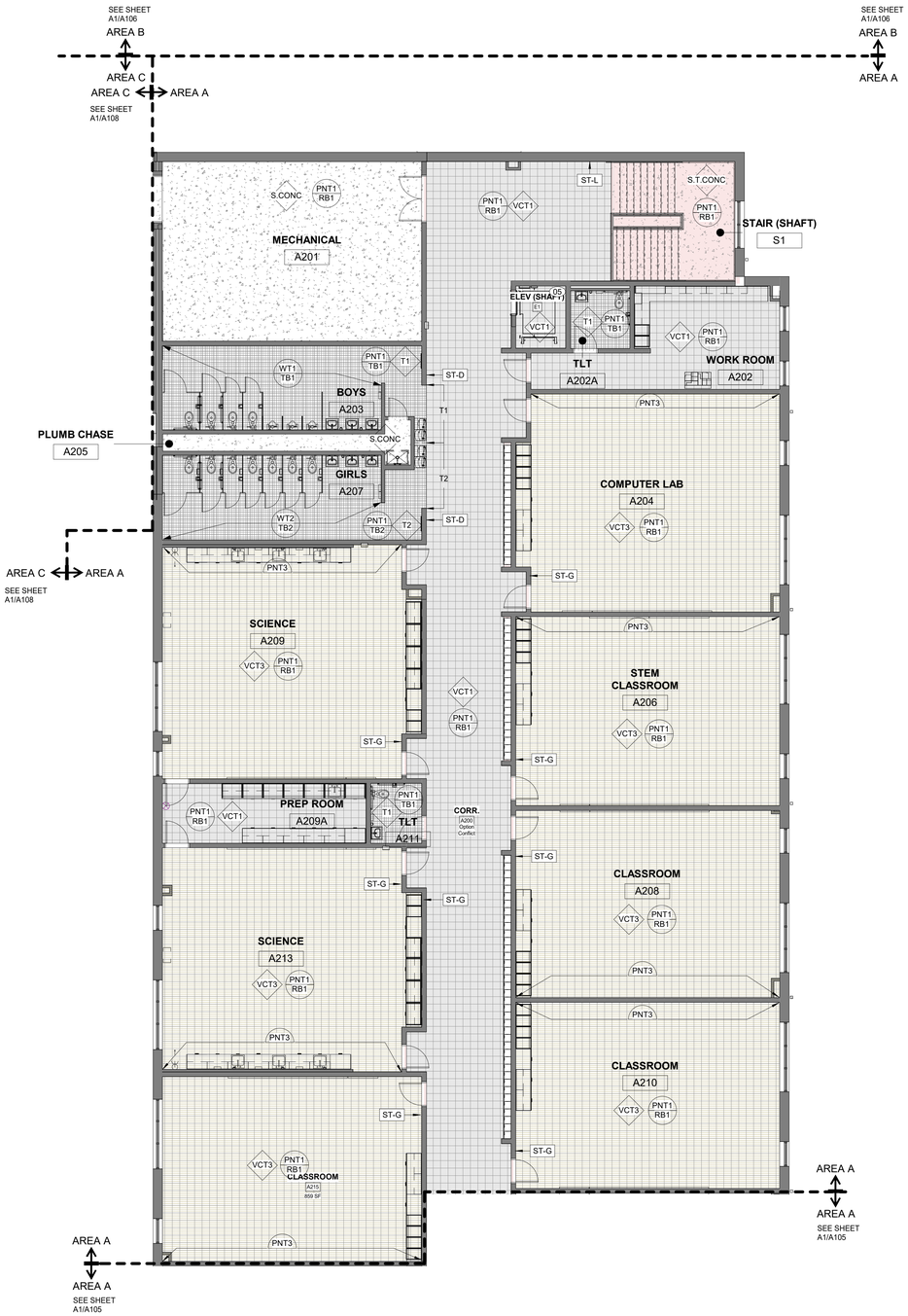
SHEET TITLE

AREA A 2ND FLOOR FIN. PLANS ALT NO. 1

I104



A1 SECOND FLOOR FINISHES PLAN - ALT NO.1 AREA A - BID ALTS NO. 4A+4B
1/8" = 1'-0"



A5 SECOND FLOOR FINISHES PLAN - ALT NO.1 AREA A - BID ALTS NO. 4A+4B
1/8" = 1'-0"

FINISHES GENERAL NOTES:

1. SEE FLOOR PLANS FOR WALL TYPES.
2. SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
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6. PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
7. FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- TERRAZZO
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE

VCT FINISH KEY:

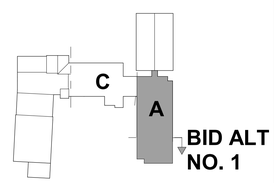
- VCT 1
- VCT 2
- VCT 3
- VCT4

FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
- PNT1 / RB1 — WALL UON / BASE UON
- ST-H — SIGN TYPE

KEY PLAN - 2ND FLOOR

NTS



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

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ROBERT C. STEVENSON — REGISTERED — 6214 — 10-20 — NORTH CAROLINA — RALEIGH, N.C.

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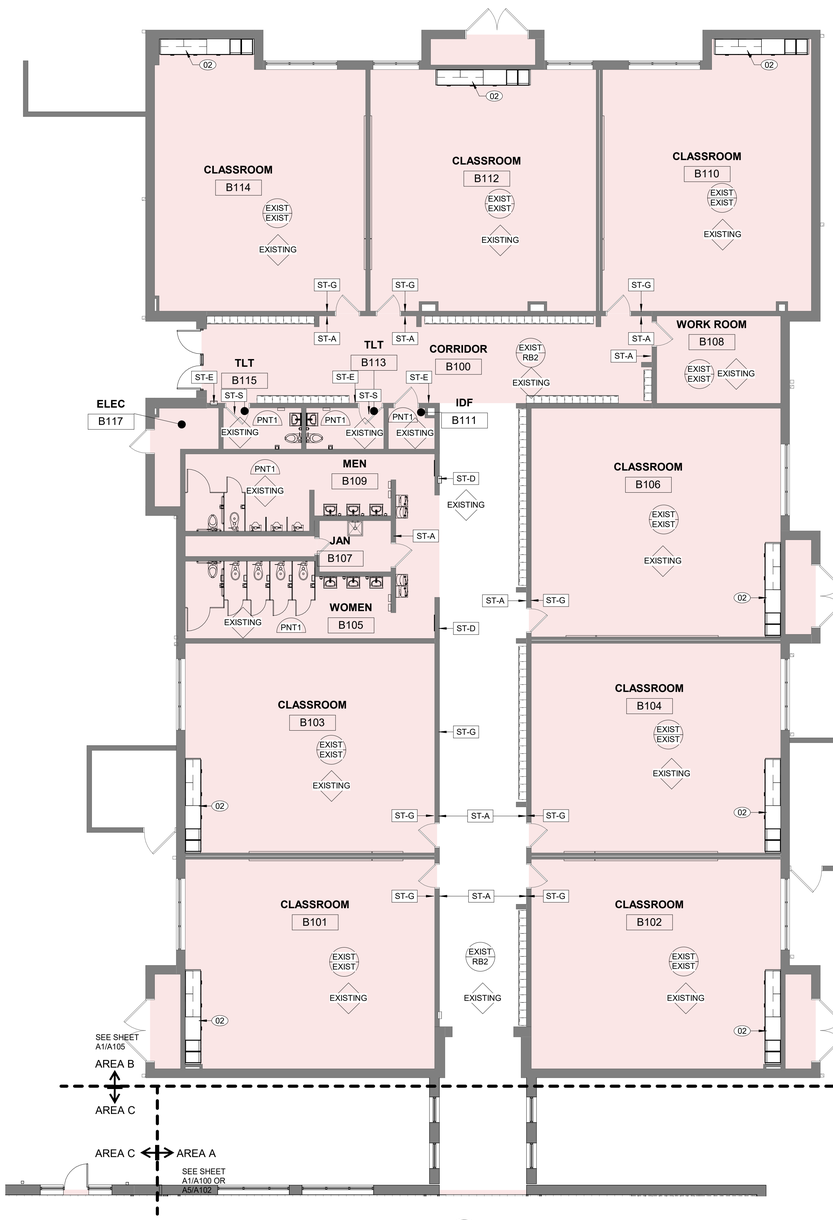
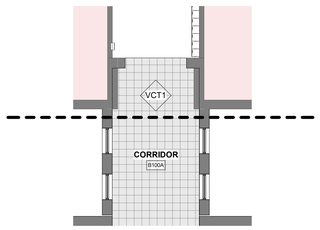
SHEET TITLE
AREA A-2ND FLOOR FIN. PLANS ALT NO. 1-BID ALTS 4A+4B

I105



A1 FIRST FLOOR FINISHES PLAN AREA B - BID ALT 02
1/8" = 1'-0"



C5 FIRST FLOOR FINISHES PLAN PLAN - BID ALTERNATE NO. 2
1/8" = 1'-0"

FINISHES GENERAL NOTES:

1. SEE FLOOR PLANS FOR WALL TYPES.
2. SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
3. PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
4. FOR MATERIALS LEGEND SEE SHEET A001
5. FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
6. PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
7. FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- TERRAZZO
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE

VCT FINISH KEY:

- VCT 1
- VCT 2
- VCT 3
- VCT4

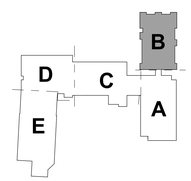
FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
- PNT1 / RB1 — WALL UON / BASE UON
- ST-H — SIGN TYPE

FINISHES KEY NOTES:

NOTE: NOT ALL OF THE KEY NOTES ARE APPLICABLE TO THIS PLAN. SEE PLAN FOR KEYED ITEM LOCATIONS. KEY NOTES SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THE DRAWINGS.

01 PROVIDE NEW 4" HIGH BLACK RESILIENT BASE AT NEW CASEWORK TO MATCH EXISTING ADJACENT RESILIENT BASE



KEY PLAN-1ST FLOOR
NTS

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

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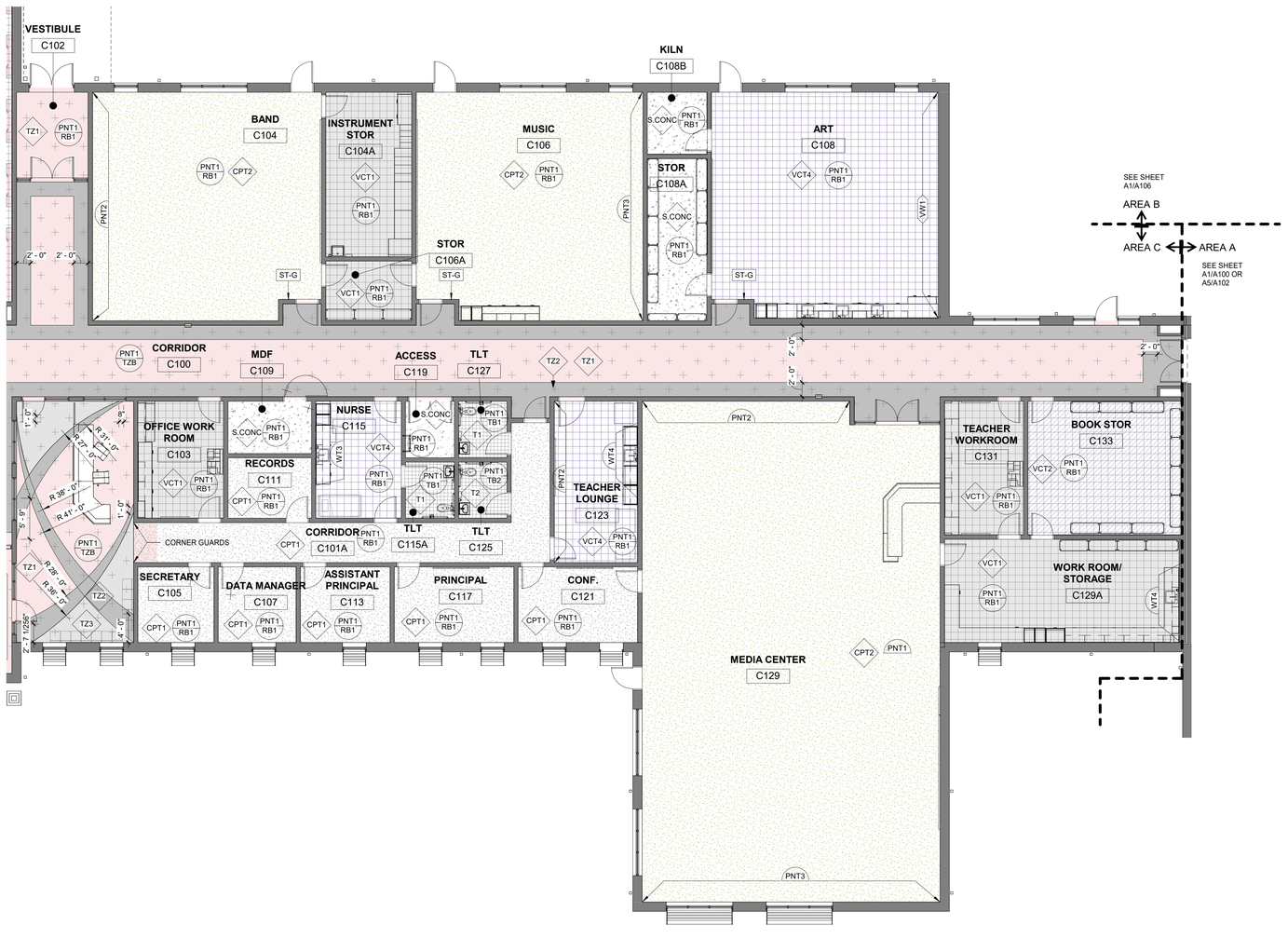
SHEET TITLE
AREA B - 1ST FLOOR FINISHES PLAN BID ALTERNATE NO 2

I106



A1 FIRST FLOOR FINISHES PLAN AREA C
1/8" = 1'-0"

FINISHES GENERAL NOTES:

1. SEE FLOOR PLANS FOR WALL TYPES.
2. SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
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6. PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
7. FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- TERRAZZO
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE

VCT FINISH KEY:

- VCT 1
- VCT 2
- VCT 3
- VCT4

TERRAZZO FINISH KEY:

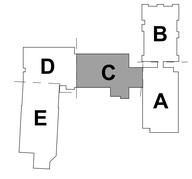
- TZ 1
- TZ 2
- TZ 3

FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
- PNT1 / RB1 — WALL UON / BASE UON
- ST-H — SIGN TYPE

KEY PLAN-1ST FLOOR

NTS



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ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

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DKA JOB NUMBER
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SHEET TITLE
AREA C - 1ST FLOOR FINISHES PLAN

I107

A1 FIRST FLOOR FINISHES PLAN AREA C BID ALTERNATE NO. 4A
1/8" = 1'-0"

FINISHES GENERAL NOTES:

1. SEE FLOOR PLANS FOR WALL TYPES.
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VCT FINISH KEY:

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FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
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- ST-H — SIGN TYPE

KEY PLAN-1ST FLOOR

NTS

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PROJECT INFORMATION

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ROBERT C. STEVENSON 6214 1-10-25 NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT RALEIGH, N.C.

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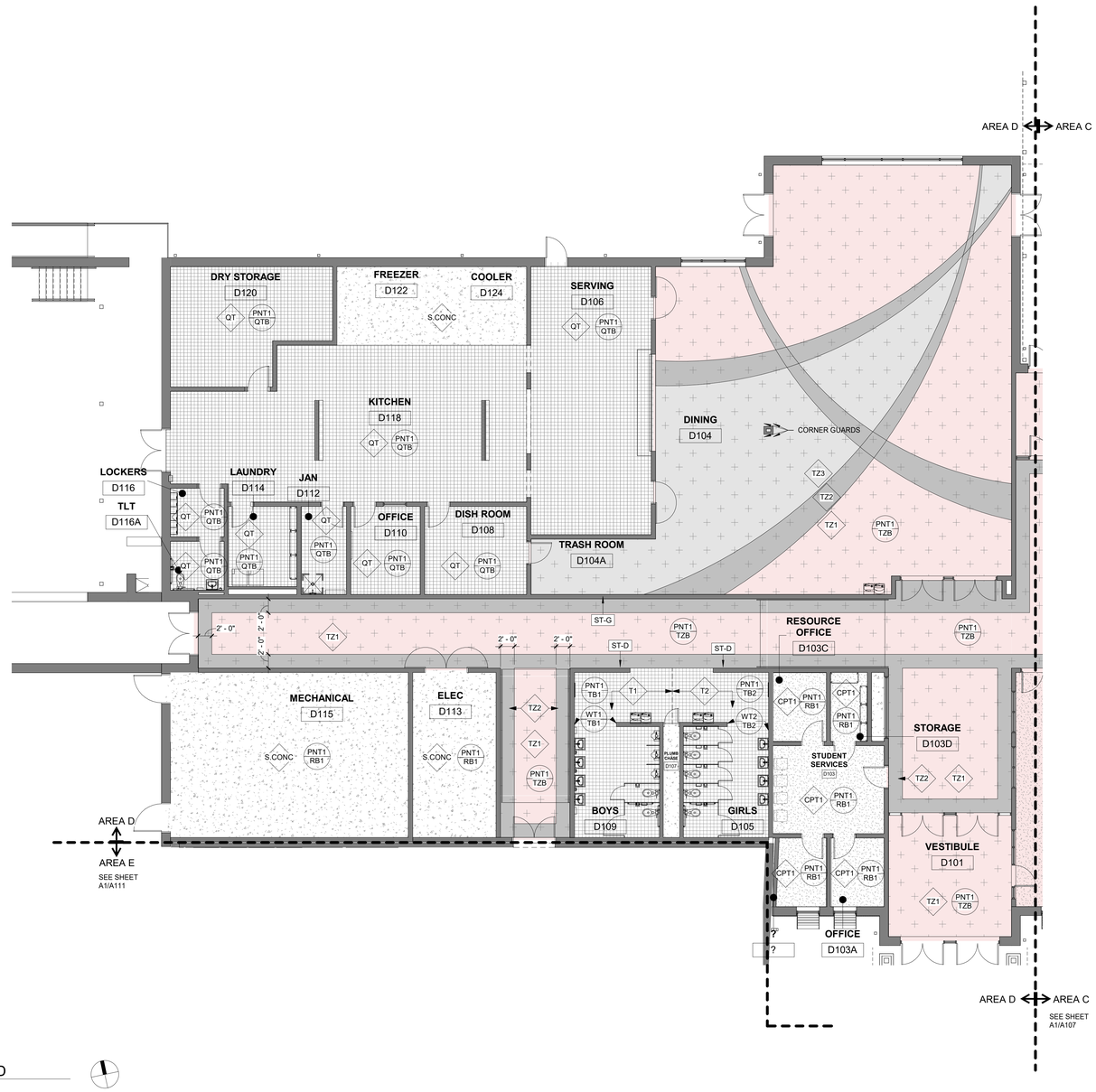
SHEET TITLE

AREA C - 1ST FLOOR FIN. PLAN - BIT ALT NO. 4A

I108



A1 FIRST FLOOR FINISHES PLAN AREA D
1/8" = 1'-0"

FINISHES GENERAL NOTES:

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- SEALED CONCRETE
- CARPET TILE

VCT FINISH KEY:

- VCT 1
- VCT 2
- VCT 3
- VCT4

TERRAZZO FINISH KEY:

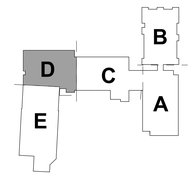
- TZ 1
- TZ 2
- TZ 3

FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
- PNT1 / RB1 — WALL UON / BASE UON
- ST-H — SIGN TYPE

KEY PLAN-1ST FLOOR

NTS



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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DAVIS KANE ARCHITECTS, P.A. — 50304 — RALEIGH, N.C.

ROBERT C. STEVENSON — 6214 — 10-25 — RALEIGH, N.C.

DKA JOB NUMBER
2401

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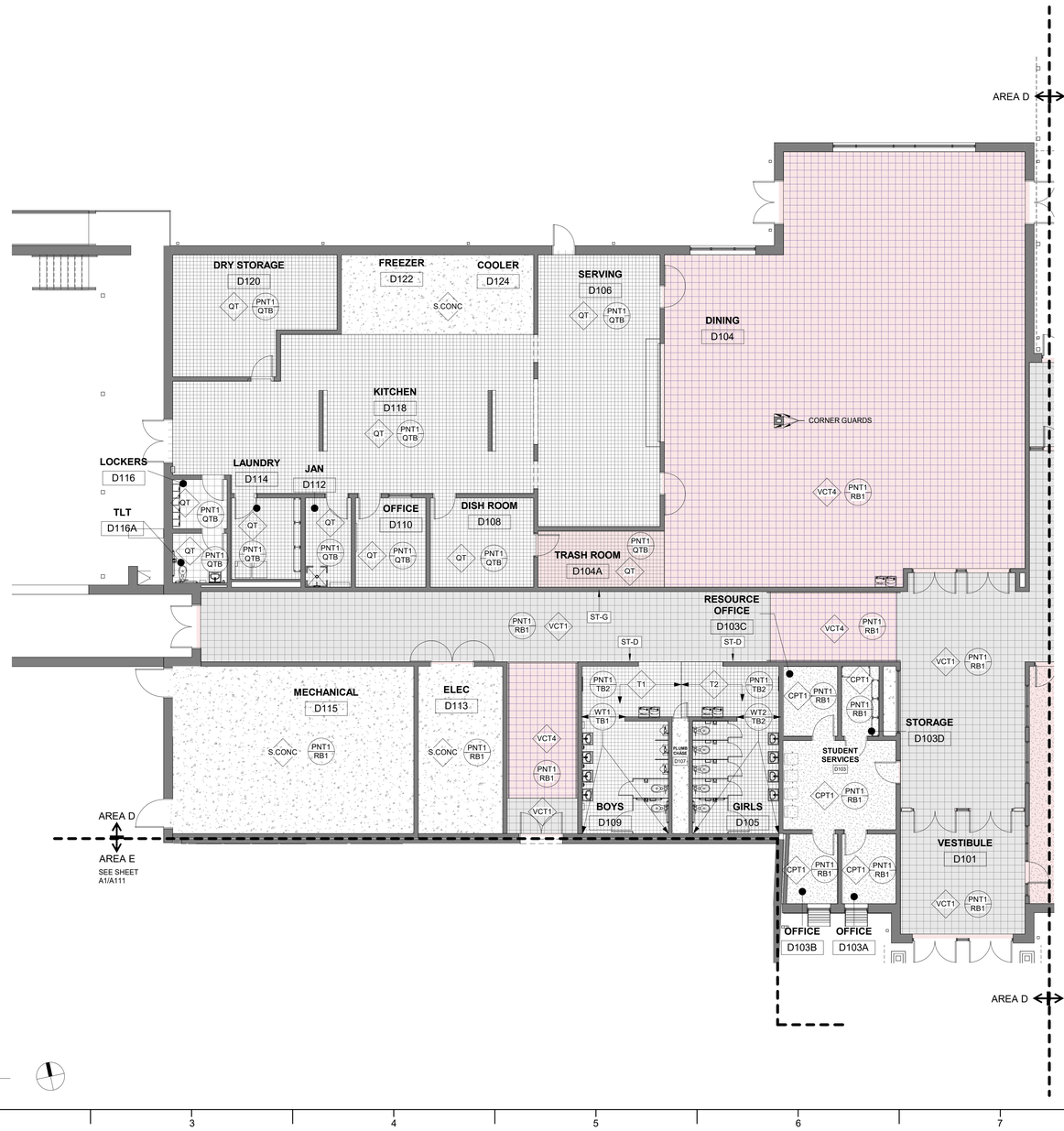
SHEET TITLE
AREA D - 1ST FLOOR FINISHES PLAN

I109



FINISHES GENERAL NOTES:

1. SEE FLOOR PLANS FOR WALL TYPES.
2. SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
3. PAINT COLORS PROVIDED IN MATERIALS LEGEND ARE FOR COLOR MATCH ONLY.
4. FOR MATERIALS LEGEND SEE SHEET A001
5. FOR CEILING FINISH AND COLORS REFER TO REFLECTED CEILING PLANS.
6. PAINT ALL STAIR STRINGERS, GUARDRAILS, HANDRAILS, BRACKETS AND EXPOSED UNDERSIDE OF STAIRS THROUGHOUT ALL STAIRS.
7. FOR SIGN TYPES SEE SHEET A701.

FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- TERRAZZO
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE

VCT FINISH KEY:

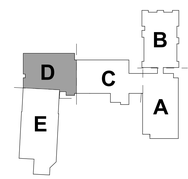
- VCT 1
- VCT 2
- VCT 3
- VCT4

FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
- PNT1 / RB1 — WALL UON / BASE UON
- ST-H — SIGN TYPE

KEY PLAN-1ST FLOOR

NTS



A1 FIRST FLOOR FINISHES PLAN AREA D - BID ALTERNATE NO. 4A

1/8" = 1'-0"

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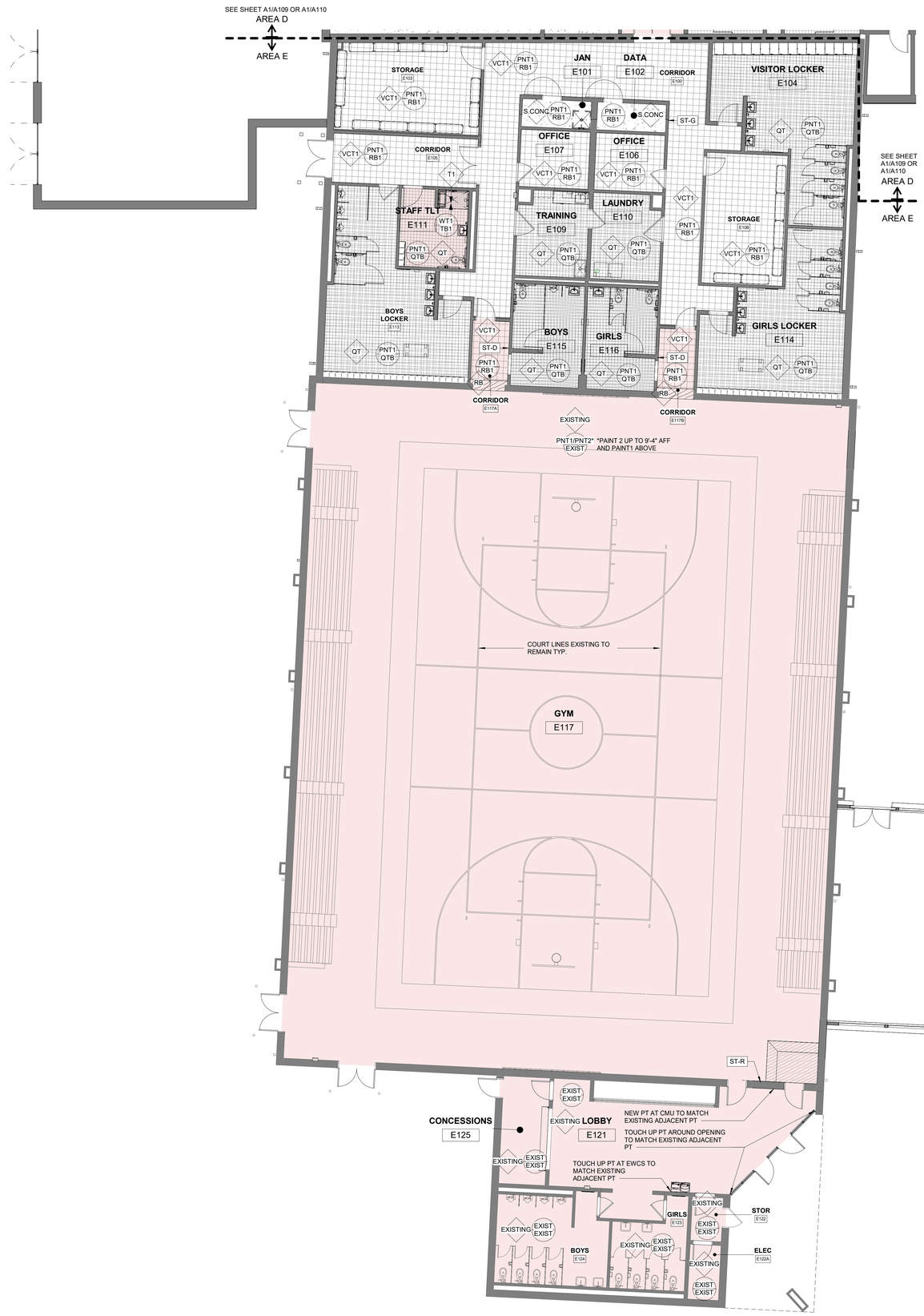
SHEET TITLE

AREA D - 1ST FLOOR FINISHES PLAN BID ALT NO. 4A

I110



A1 FIRST FLOOR FINISHES PLAN AREA E
1/8" = 1'-0"

FINISHES GENERAL NOTES:

1. SEE FLOOR PLANS FOR WALL TYPES.
2. SEE INTERIOR ELEVATIONS AND DETAILS FOR LOCATION OF CASEWORK AND WALL FINISH SELECTIONS NOT SHOWN ON PLAN.
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FINISHES PLAN KEY:

- QUARRY TILE
- MOSAIC TILE
- TERRAZZO
- RUBBER FLOORING
- SEALED CONCRETE
- CARPET TILE

VCT FINISH KEY:

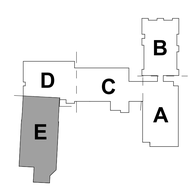
- VCT 1
- VCT 2
- VCT 3
- VCT4

FINISHES PLAN SYMBOL LEGEND

- CPT1 — FLOORING
- PNT1 / RB1 — WALL UON / BASE UON
- ST-H — SIGN TYPE

KEY PLAN-1ST FLOOR

NTS



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ROBERT C. STEVENSON REGISTERED ARCHITECT 6214 10-25 NORTH CAROLINA RALEIGH, N.C.

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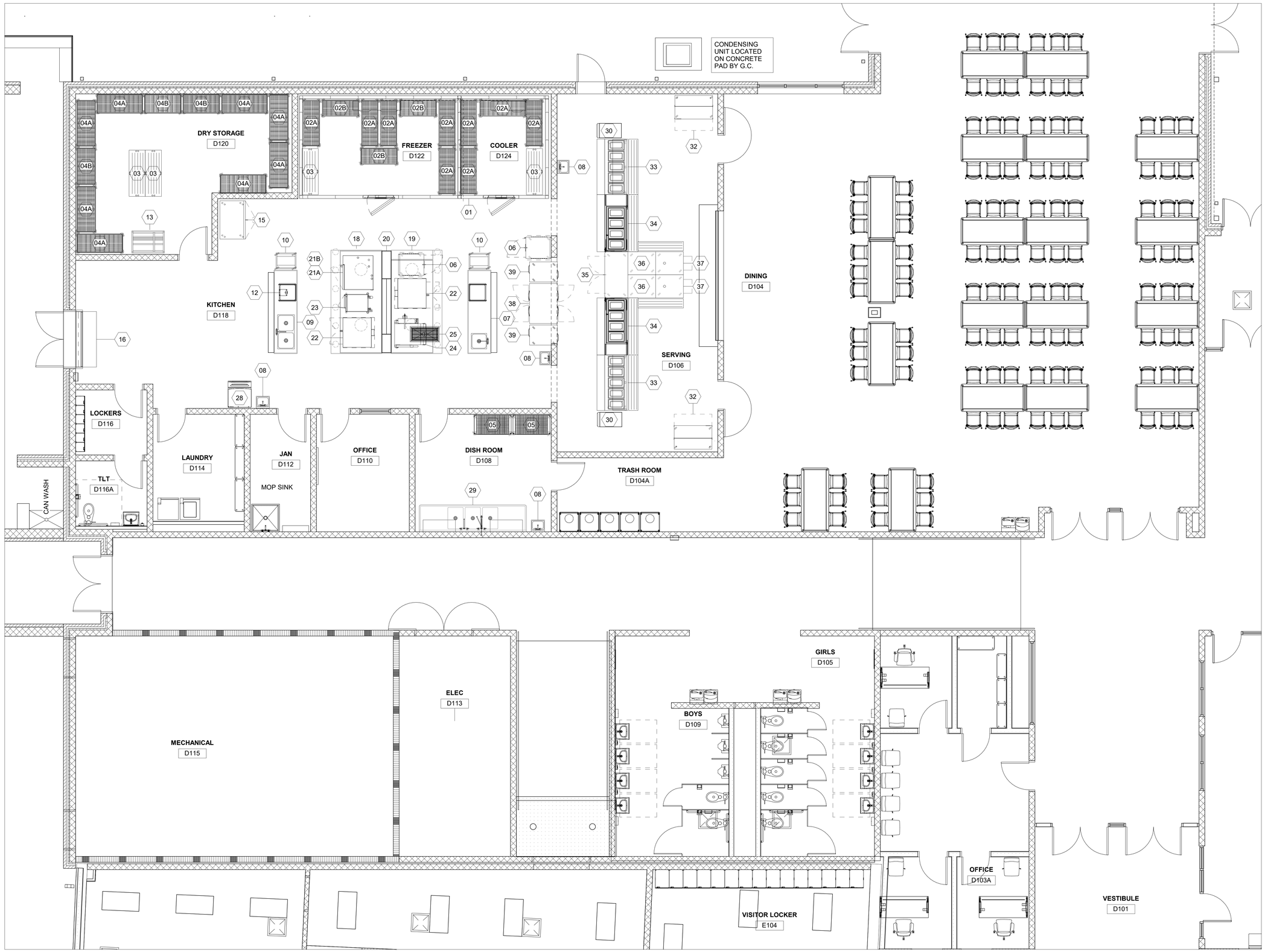
SHEET TITLE

AREA E - 1ST FLOOR FINISHES PLAN

I111



1 FS0.01 FOOD SERVICE EQUIPMENT PLAN
1/4" = 1'-0"

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SHEET TITLE
FOODSERVICE EQUIPMENT PLAN

FS0.01

FOODSERVICE EQUIPMENT SCHEDULE

QTY	ITEM	DESCRIPTION	MANUFACTURER	MODEL	ITEM	ELECTRICAL						PLUMBING							GAS			REMARKS
						ELECTRICAL A.F.F.	HP	AMPS	VOLTS	PHASE	NEMA	HW SIZE	HW/A.F.F.	CW SIZE	CW/A.F.F.	IW	DRAIN TYPE	DW	DW A.F.F.	GAS SIZE	GAS/A.F.F.	BTU/HR.	
1	01	COLD STORAGE ASSEMBLY	BALLY	CUSTOM	01	*											F.D.						*SEE REFRIGERATION CONNECTION SCHEDULE
9	02A	MOBILE SHELVING UNIT	METRO	Q466EG3	02A																		68" HIGH, 4-TIER, POLYMER, CASTERS
3	02B	MOBILE SHELVING UNIT	METRO	Q456EG3	02B																		68" HIGH, 4-TIER, POLYMER, CASTERS
4	03	DUNNAGE RACK	METRO	HP2230PDMB	03																		BOW-TIE
8	04A	MOBILE SHELVING UNIT	METRO	5Q567EG3	04A																		80" HIGH, 5-TIER, POLYMER, CASTERS
3	04B	MOBILE SHELVING UNIT	METRO	5Q557EG3	04B																		80" HIGH, 5-TIER, POLYMER, CASTERS
2	05	METROMAX 4, MOBILE DRYING RACK	METRO	MAX4-PR48VX3	05																		68" HIGH, 4-TIER, POLYMER, CASTERS
2	06	PROOFER CABINET	WINSTON	HOV3-14UV	06	50"/U.C.		19.1	120	1	5-20P												CASTERS, SOLID DUTCH DOORS
1	07	WORK TABLE WITH PREP SINK	ADVANCE TABCO	TVSS-309	07							1/2"	14"	1/2"	14"		F.S.						WELD-IN SINK, LEVER WASTE, FAUCET, 20"W X 20D" X 5" DRAWER, FLANGED FEET
4	08	HAND SINK	ADVANCE TABCO	7-PS-40	08							1/2"	14"	1/2"	14"			2"	0' - 10"				SIDE SPLASH WHERE REQUIRED
1	09	WORK TABLE WITH PREP SINK	ADVANCE TABCO	TVSS-309	09							1/2"	14"	1/2"	14"		F.S.						WELD-IN SINK, LEVER WASTE, FAUCET, 20"W X 20D" X 5" DRAWER, FLANGED FEET
2	10	BUN PAN/STEAMTABLE PAN RACK	CHANNEL MANUFACTURING	UTR-12	10																		CASTERS
1	11	NOT USED	-	-	11																		
1	12	ELECTRIC CAN OPENER	EDLUND	270	12	50"		1.5	120	1	C&P												
1	13	CAN RACK	CHANNEL	CSR-156	13																		
1	14	NOT USED	-	-	14																		
1	15	BOTTOM MOUNT REACH-IN REFRIGERATOR	EVEREST	EBSR2	15	50"	1/3	3.5	120	1	5-15P												CASTERS
1	16	AIR CURTAIN	MARS AIR	LPN272-1UA-OB	16	ABV.		2.6	120	1	DIRECT												MICROSWITCH @ DOOR
1	17	NOT USED	-	-	17																		
2	18	EXHAUST HOOD	BY MECH.	N.I.K.C.	18																		REFER TO MECH. DRAWINGS
1	19	FIRE SUPPRESSION SYSTEM	BY MECH.	N.I.K.C.	19																		REFER TO MECH. DRAWINGS
1	20	UTILITY DISTRIBUTION SYSTEM	BY MECH.	N.I.K.C.	20																		REFER TO MECH. DRAWINGS
1	21A	COMBI OVEN, ELECTRIC	CONVOTHERM	C4 ET 6.20EB-N	21A	U.C.		44.1	208	3	DIRECT			2@1/2"	U.C.	2"	F.S.						WATER FILTER, BACKFLOW PREVENTION DEVICE, STACKING KIT
1	21B	COMBI OVEN, ELECTRIC	CONVOTHERM	C4 ET 10.20EB-N	21B	U.C.		76.1	208	3	DIRECT			2@1/2"	U.C.	2"	F.S.						WATER FILTER, BACKFLOW PREVENTION DEVICE, STACKING KIT
2	22	CONVECTION OVEN, GAS	BLODGETT	ZEPH-100-G DBL	22	2@U.C.		2@6.0	2@120	2@1	(2) C&P									2@3/4"	2@U.C.	2@50,000	QUICK GAS DISCONNECT, CASTERS
1	23	CONVECTION STEAMER, GAS	CLEVELAND	(2) 22CGT66.1	23	2@U.C.		2@4.0	2@120	2@1	(2) C&P			2@3/4"	U.C.	1"	F.S.			2@1/2"	2@U.C.	2@32,000	QUICK GAS DISCONNECT, WATER FILTER, BACKFLOW PREVENTION DEVICE
1	24	TILT SKILLET, GAS	CLEVELAND RANGE	SGL30T1	24	U.C.		1.4	120	1	5-15P	1/2"	U.C.	1/2"	U.C.		F.T.			3/4"	U.C.	125,000	QUICK GAS DISCONNECT, POWER TILT, DOUBLE PANTRY FAUCET
1	25	FLOOR TROUGH	IMC TEDDY	ASFT-1836-SG	25													4"					
1	26	NOT USED	-	-	26																		
1	27	NOT USED	-	-	27																		
1	28	ICE MAKER, CUBE-STYLE	MANITOWOC ICE	IYT0450A-161	28	68"		11.9	120	1	DIRECT			3/8"	68"	1"	F.S.						WATER FILTER, BACKFLOW PREVENTION DEVICE, ICE BIN
1	29	3-COMPARTMENT SINK	ADVANCE TABCO	94-83-60-36RL	29							2@1/2"	14"	2@1/2"	14"	2"	F.S.						FAUCET, PRE-RINSE FAUCET, LEVER/ WASTE, DISHTABLE SORTING SHELF
2	30	STAINLESS UTILITY CART	EAGLE GROUP	UUC-322	30																		CASTERS
1	31	NOT USED	-	-	31																		
2	32	MILK COOLER	BEVERAGE-AIR	SM49HC-S	32	24"	1/3	2.2	120	1	5-15P												CASTERS
2	33	HEATED SERVING COUNTERS	DELFIELD	SH-5-NU	33	STUB		28.0	120/208	1	14-50P					1"	F.S.						TRAY SLIDE, WORKBOARD, SNEEZE GUARD W/LED LIGHTS, CASTERS
2	34	SERVING COUNTER, COLD FOOD	DELFIELD	SCSC-60-EFP	34	STUB	0.25	7.0	120	1	5-15P						F.S.						14" TOP EXTENTION, TRAY SLIDE, SNEEZE GUARD W/LED LIGHTS, CASTERS
1	35	SERVING COUNTER, UTILITY	DELFIELD	SC-60	35																		CASTERS
2	36	SERVING COUNTER, UTILITY	DELFIELD	SC-36-NU	36																		TRAY SLIDE, CASTERS
2	37	CASH REGISTER STAND	DELFIELD	SCS-36	37	STUB		15.0	120	1	C&P												TRAY SLIDE, CASTERS
1	38	REFRIGERATOR, PASS-THRU	CONTINENTAL REFRIGERATOR	D2RNSAPTHD	38	90"	0.33	6.9	120	1	5-15P												CASTERS
2	39	HEATED CABINET, PASS-THRU	CONTINENTAL REFRIGERATOR	DL1W-SA-PT-HD	39	90"		7.2	208	1	C&P												CASTERS

ELECTRICAL LOADS ARE BASED ON MANUFACTURER'S INFORMATION. MINIMUM CIRCUIT AMPACITY AND OVERCURRENT PROTECTION TO BE DETERMINED BY CODE REQUIREMENTS AND/OR MANUFACTURER'S DIRECTIONS.

***GAS NOTE:
KITCHEN EQUIPMENT WILL BE PROVIDED WITH GAS PRESSURE REGULATORS DESIGNED TO OPERATE WITH 14" W.C. INCOMING GAS PRESSURE OR LESS. PLUMBER TO PROVIDE INTERMEDIATE REGULATORS, AS REQUIRED TO REDUCE INCOMING BUILDING PRESSURE TO LEVEL SUITABLE FOR EQUIPMENT.

140° F. HOT WATER REQUIREMENTS		GPH
POT SINKS	3 @ 30	90
FILL FAUCET	1 @ 10	10
PRE-RINSE UNIT	1 @ 35	35
	TOTAL	135

110° F. HOT WATER REQUIREMENTS		GPH
PREP SINKS	3 @ 20	60
MOP SINKS	-	5
HAND SINKS	4 @ 5	20
	TOTAL	85

REFRIGERATION CONNECTION SCHEDULE

CONN	EQUIPMENT	LOAD	V/PH	REMARKS
01A	LIGHTS, COOLER	300 W	120/1	2 EXTRA LIGHTS
01B	EVAP. COIL, COOLER	2.0 AMP	120/1	-
01C	COND. UNIT, COOLER	7 MCA	208/3	-
01D	LIGHTS & DOOR HEAT	700 W	120/1	3 EXTRA LIGHTS
01E	HEAT TAPE, FREEZER	15.0 AMP	120/1	DRAINLINE HEAT TAPE
01F	EVAP. COIL, FREEZER	11.9 AMP	208/1	FEED DEFROST THRU TIMER @ COND. UNIT
01G	COND. UNIT, FREEZER	17 MCA	208/3	

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WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

FOODSERVICE ASSOCIATES, INC. — INCORPORATED — 1977 — North Carolina

DKA JOB NUMBER
2401

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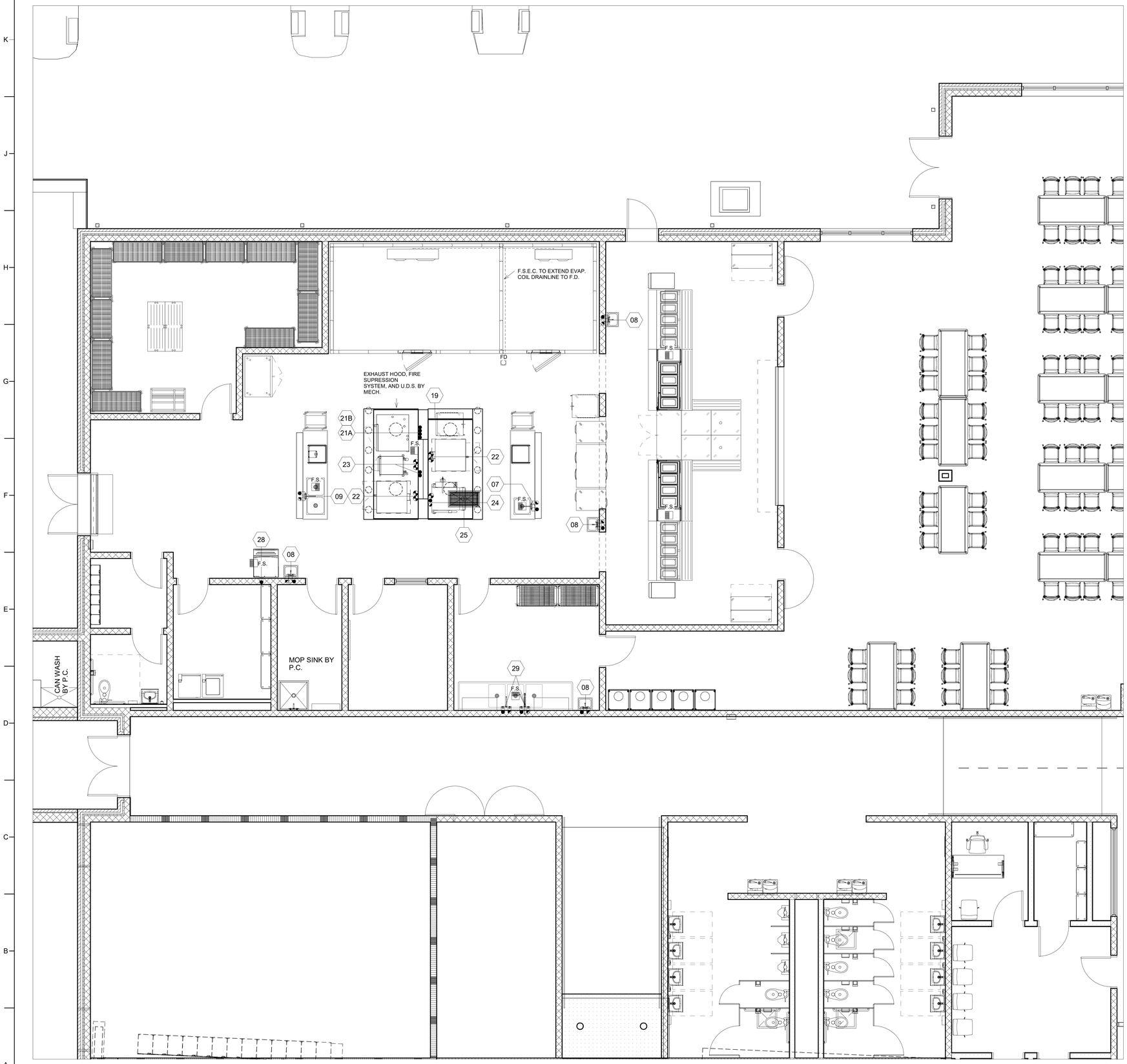
SHEET TITLE
FOOD SERVICE EQUIPMENT SCHEDULE

FS0.02



1 FS0.03 **FOOD SERVICE PLUMBING PLAN**
1/4" = 1'-0"

MECHANICAL SYMBOLS	
	HOT WATER (HW)
	COLD WATER (CW)
	WASTE (W)
FD	FLOOR DRAIN
	GAS
FS	FLOOR SINK - OPEN
FS	FLOOR SINK W/HALF GRATE
	EXHAUST DUCT CONNECTION
	SUPPLY DUCT CONNECTION

PLUMBING ROUGHING IN NOTES

THIS PLAN IS INTENDED TO SHOW UTILITY REQUIREMENTS AND APPROXIMATE ROUGHING-IN LOCATIONS ONLY. DO NOT USE FOR ACTUAL ROUGHING-IN. FOR FINAL ROUGH-IN LOCATIONS SEE DIMENSIONED PLANS PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR.

WHERE EXPOSED PIPES AND CONDUITS ARE NECESSARY, THEY SHOULD BE MOUNTED 1 TO 2 INCHES OFF THE WALL AND 6 INCHES OFF THE FLOOR TO ALLOW FOR CLEANING.

PLUMBING NOTES

PLUMBING TRIM SUCH AS FAUCETS AND SINK WASTES SHALL BE FURNISHED WITH EQUIPMENT BY FOOD SERVICE EQUIPMENT CONTRACTOR. PLUMBER TO PROVIDE SERVICE, STOP VALVES, P-TRAPS, ETC., AND MAKE FINAL CONNECTIONS.

COLD STORAGE ASSEMBLY: EVAP. COIL DRAINLINES SHALL BE PROVIDED AND INSTALLED BY FOOD SERVICE EQUIPMENT CONTRACTOR.

FIRE CONTROL SYSTEM BY MECH.

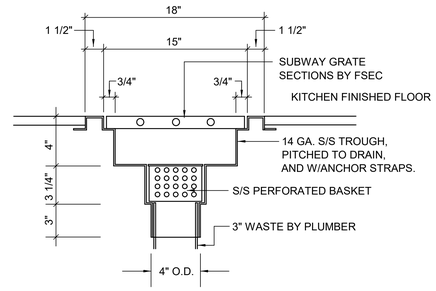
GAS COOKING EQUIPMENT SHALL BE AGA APPROVED, FURNISHED WITH PRESSURE REGULATOR REQUIRED BY FOOD SERVICE EQUIPMENT CONTRACTOR. PLUMBER TO PROVIDE GAS PIPING WITH INDIVIDUAL SHUT-OFF VALVES FOR EACH EQUIPMENT CONNECTION AND MAKE FINAL CONNECTIONS.

MECHANICAL NOTES

EXHAUST HOOD SHALL BE FURNISHED BY MECH. CONTRACTOR

FIRE CONTROL SYSTEM FURNISHED BY MECH. CONTRACTOR

S/S UTILITY CHASE FURNISHED BY MECH. CONTRACTOR



2 FS0.03 **FLOOR TROUGH DETAIL**
NO SCALE

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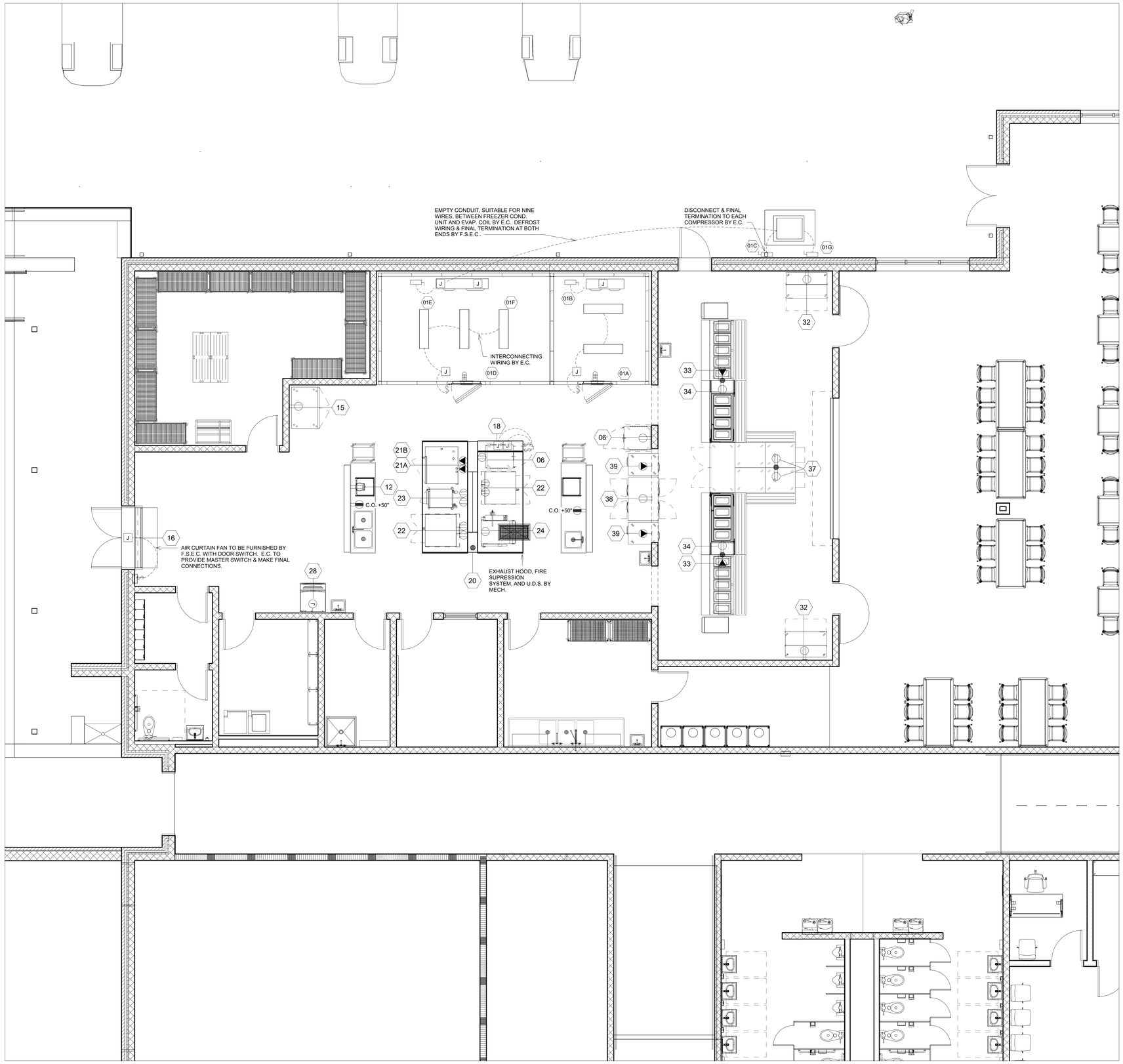
SHEET TITLE
FOOD SERVICE PLUMBING PLAN

FS0.03



1 FS0.04 FOOD SERVICE ELECTRICAL PLAN
1/4" = 1'-0"

ELECTRICAL SYMBOLS

J	J-BOX, FLUSH IN WALL
J	J-BOX FROM ABOVE
	WATERPROOF CONDUIT STUB
	DUPLEX OUTLET
	CONVENIENCE OUTLET, UNASSIGNED
F	FLOOR MOUNTED OUTLET BY E.C.
	SPECIAL OUTLET TO MATCH EQUIPMENT
U.C.	UTILITY CHASE MOUNTED OUTLET

ELECTRICAL ROUGHING IN NOTES

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WHERE EXPOSED PIPES AND CONDUITS ARE NECESSARY, THEY SHOULD BE MOUNTED 1 TO 2 INCHES OFF THE WALL AND 6 INCHES OFF THE FLOOR TO ALLOW FOR CLEANING.

ELECTRICAL NOTES

FIRE CONTROL SYSTEM FURNISHED BY MECH. CONTRACTOR

COLD STORAGE ROOMS SHALL BE FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR WITH PRE-WIRED LIGHT AND SWITCH AT DOOR PANEL. ELECTRICAL CONTRACTOR TO PROVIDE INTERCONNECTING WIRING TO EXTRA LIGHT FIXTURES AND MAKE FINAL CONNECTIONS.

REFRIGERATION SYSTEMS SHALL BE FURNISHED AND INSTALLED BY FOOD SERVICE EQUIPMENT CONTRACTOR, INCLUDING DEFROST WIRING BETWEEN COND. UNIT AND EVAP. COIL. FINAL POWER DROPS AND DISCONNECTS FOR COND. UNITS AND EVAP. COILS SHALL BE BY ELECTRICAL CONTRACTOR.

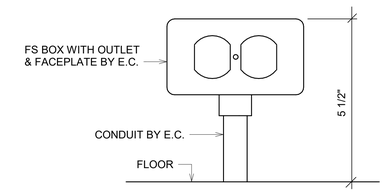
AIR CURTAIN FAN TO BE FURNISHED BY F.S.E.C. WITH DOOR SWITCH. E.C. TO PROVIDE MASTER SWITCH & MAKE FINAL CONNECTIONS.

MECHANICAL NOTES

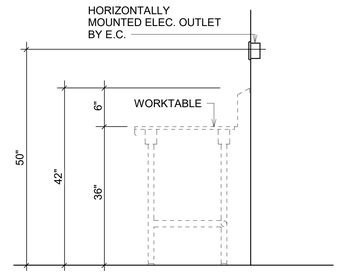
EXHAUST HOOD SHALL BE FURNISHED BY MECH. CONTRACTOR

FIRE CONTROL SYSTEM FURNISHED BY MECH. CONTRACTOR

S/S UTILITY CHASE FURNISHED BY MECH. CONTRACTOR



2 FS0.04 FLOOR-MOUNTED RECEPTACLE
NO SCALE



3 FS0.04 UNASSIGNED WALL OUTLET DETAIL
NO SCALE

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
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919.833.3737
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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

FOOD DESIGN ASSOCIATES, INC. — NORTH CAROLINA — SEAL — 1977

DKA JOB NUMBER
2401

REVISIONS

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Drawn By: Author
Plot Date: 1/7/2025 11:59:50 AM

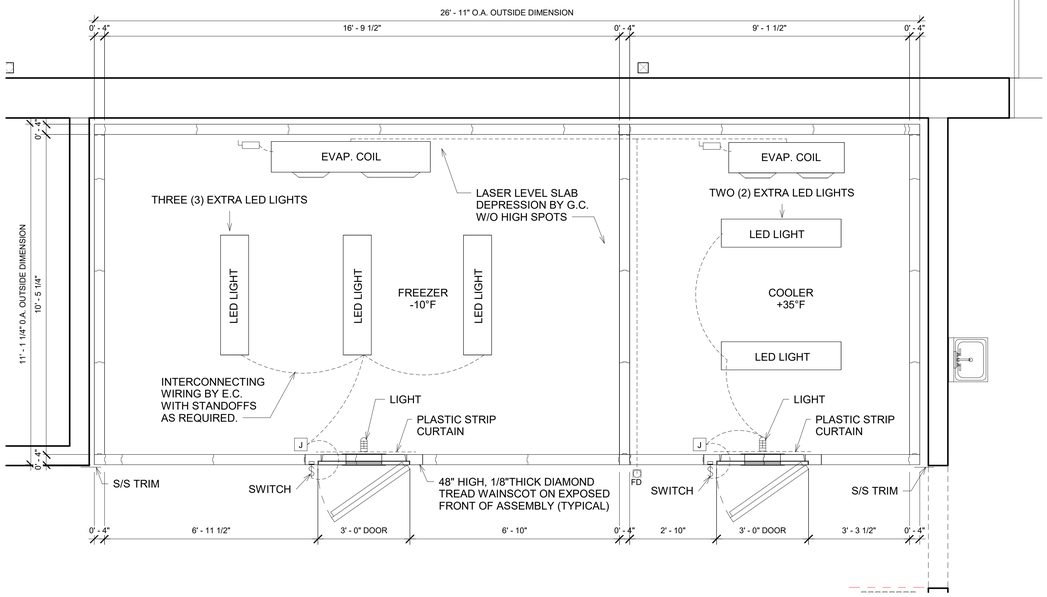
DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
FOOD SERVICE ELECTRICAL PLAN

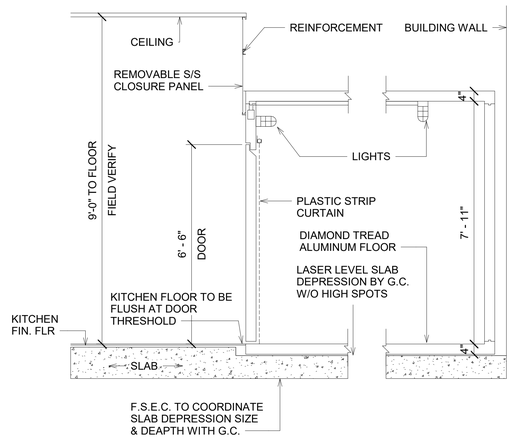
FS0.04

COLD STORAGE ASSEMBLY DATA						
COMPARTMENT	TEMP RANGE	DAILY BTU LOAD	LIGHTS WATTS	DOOR HEAT	VOLT	PHASE
COOLER	+35° F	5,401	300 W		120	1
FREEZER	-10° F	10,376	400 W	300 W	208	3

REFRIGERATION SYSTEMS									
AMBIENT TEMP.	RUN TIME	COND. UNIT MCA	COND. UNIT VOLT	COND. UNIT PHASE	SUCTION TEMP	EVAP. COIL AMP	EVAP. COIL VOLT	EVAP. COIL PHASE	EVAP. COIL DEFROST
100° F	16 HOURS	7	208	3	26.3 F	2.0	115	1	OFF-CYCLE
100° F	18 HOURS	17	208	3	-18.8° F	11.9	208	1	ELECTRIC



1 FS0.05 COLD STORAGE ASSEMBLY PLAN
1/2" = 1'-0" ITEM 01



2 FS0.05 COLD STORAGE ASSEMBLY SECTION
1/2" = 1'-0" ITEM 01

WALK-IN NOTES

EXTERIOR SURFACES
.040 PATTERNED ALUMINUM WITH 48" HIGH WAINSCOT ON EXPOSED SURFACES.

INTERIOR WALLS
.040 PATTERNED ALUMINUM WITH WHITE FINISH.

INTERIOR CEILING
.040 PATTERNED ALUMINUM WITH WHITE ENAMEL.

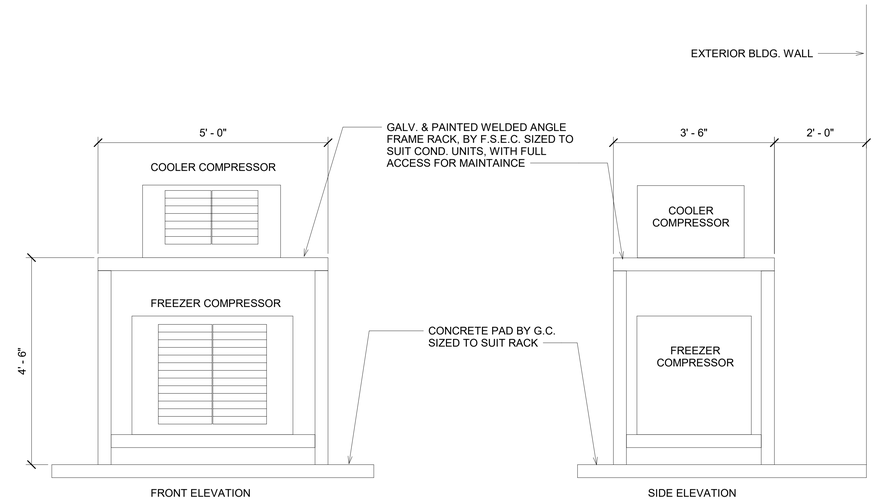
INTERIOR FLOOR
RECESSED INSULATED FLOOR BY F.S.E.C. WITH .100 DIAMOND TREAD ALUMINUM. 1200 LBS STRUCTURAL FLOOR.

DOORS
NOMINAL 36"x78" FINISHED TO MATCH EXTERIOR. CHROME PLATED HARDWARE; 1/8" DIAMOND TREAD KICK PLATE, 48" HIGH, BOTH SIDES.

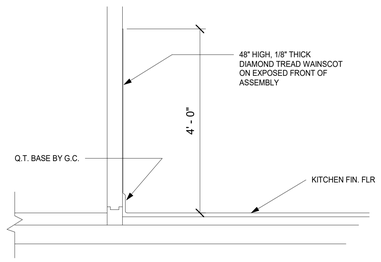
REFRIGERATION
AIR COOLED REMOTE CONDENSING UNITS WITH ALL WEATHER HOUSING, AND CONTROLS FOR OUTDOOR OPERATION.

MISCELLANEOUS
TRIM STRIPS, EVAPORATOR DRAIN LINES, DIAL THERMOMETERS, TOP CLOSURE PANELS, PLASTIC STRIP CURTAINS AND 1/8" DIAMOND TREAD WAINSCOT ACROSS FRONT OF ASSEMBLY.

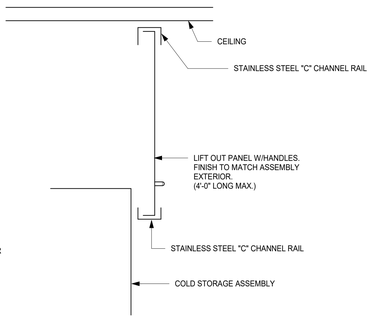
LIGHTS
MANUFACTURER TO FURNISH EXTRA LIGHT FIXTURES AS REQUIRED TO PROVIDE 50 FT. CANDLES 30" ABOVE FLOOR MINIMUM. F.S.E.C. TO INSTALL AND E.C. TO CONNECT.



3 FS0.05 CONDENSING UNIT DETAIL
NO SCALE

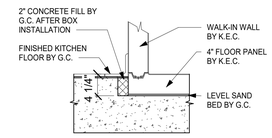


4 FS0.05 WAINSCOT DETAIL
NO SCALE



5 FS0.05 REMOVABLE S/S PANEL DETAIL
NO SCALE

NOTES:
- WALK-IN FLOOR PANELS MUST SIT ON A LEVEL SURFACE. G.C. TO PROVIDE LASER-LEVEL SURFACE WITHOUT HIGH SPOTS FOR WALK-IN FLOOR PANELS.
- MANUFACTURER MUST KNOW PRIOR TO FABRICATION: DEPTH OF PIT, THICKNESS OF SAND, TILE THICKNESS & GROUT THICKNESS TO SIZE DOOR HEIGHT CORRECTLY.



6 FS0.05 RECESSED WALK-IN FLOOR
NO SCALE

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PROJECT INFORMATION

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541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

FOOD DESIGN ASSOCIATES, INC. SEAL 1977 RALEIGH, NORTH CAROLINA

DKA JOB NUMBER
2401

REVISIONS

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PA:
PM: BK
Drawn By: Author
Plot Date: 1/7/2025 11:59:50 AM

DATE ISSUED
BID DOCUMENTS
01/10/2025

SHEET TITLE
FOOD SERVICE COLD STORAGE

FS0.05

GENERAL NOTES:

1. THE STRUCTURAL DRAWINGS MUST BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS, AND THE SPECIFICATIONS. THE CONTRACTOR MUST VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES, AND ADDITIONAL ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.

2. THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE PROVISIONS OF THE NORTH CAROLINA STATE BUILDING CODE, 2018 EDITION.

3. THE WORK OUTLINED IN THE SPECIFICATION SECTION 014100 IS SUBJECT TO SPECIAL INSPECTIONS AS DESCRIBED IN THE TECHNICAL SPECIFICATIONS.

4. THE STRUCTURE HAS BEEN DESIGNED TO RESIST CODE PRESCRIBED LOADING IN ITS FULLY COMPLETED STATE ONLY. PROVIDE ALL SHORING, BRACING AND OTHER SAFEGUARDS NECESSARY TO MAINTAIN ALL PARTS OF THE STRUCTURE IN PROPER ALIGNMENT AND IN A SAFE CONDITION DURING THE PROCESS OF CONSTRUCTION. REMOVE ALL TEMPORARY SUPPORTS, CONNECTIONS, SAFEGUARDS, AND CONSTRUCTION AIDS WITHOUT DAMAGING THE COMPLETED STRUCTURE WHERE THEY WILL BE VISIBLE IN THE FINAL CONSTRUCTION OR INTERFERE WITH OTHER BUILDING COMPONENTS - COMPLY WITH ALL EXPOSED STRUCTURE FINISH REQUIREMENTS.

5. PORTIONS OF THE STRUCTURE NOT ALTERED AND NOT AFFECTED BY THE ALTERATION HAVE NOT BEEN REVIEWED FOR COMPLIANCE WITH THE CODE REQUIREMENTS FOR A NEW STRUCTURE.

6. BEFORE PROCEEDING WITH WORK WITHIN THE EXISTING STRUCTURE, THE CONTRACTOR MUST BECOME FAMILIAR WITH THE EXISTING STRUCTURAL CONDITIONS. ANY SHORING OR BRACING SHOWN IS A PARTIAL AND SCHEMATIC REPRESENTATION OF THAT REQUIRED. THE CONTRACTOR MUST BE SOLELY RESPONSIBLE FOR THE DESIGN AND ERECTION OF ANY AND ALL SAFEGUARDS NECESSARY TO PROTECT THE EXISTING STRUCTURE. THE CONTRACTOR MUST PROVIDE SHORING, BRACING, AND OTHER SAFEGUARDS TO MAINTAIN ALL PARTS OF THE STRUCTURE IN A SAFE CONDITION AT ALL TIMES DURING THE PROCESS OF DEMOLITION AND CONSTRUCTION.

7. THE CONTRACTOR MUST FIELD VERIFY THE DIMENSIONS, ELEVATIONS, AND OTHER REQUIREMENTS NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTIONS OF THE STRUCTURE TO THE EXISTING. ANY DIMENSIONS SHOWN OF EXISTING STRUCTURES MUST BE CONSIDERED AS APPROXIMATE AND ADEQUATE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR MUST MAKE ALL MEASUREMENTS NECESSARY FOR THE FABRICATION AND ERECTION OF STRUCTURAL MEMBERS. DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

8. DISCREPANCIES WITHIN DRAWINGS, BETWEEN THE SPECIFICATIONS AND THE DRAWINGS, OR WITHIN THE SPECIFICATIONS, MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER DURING THE BIDDING PROCESS IN TIME TO PERMIT CLARIFICATION BY ADDENDUM. IF INCONSISTENCIES, DISCREPANCIES OR CONTRADICTIONS IN THE CONTRACT DOCUMENTS ARE DISCOVERED AFTER THE CLOSE OF BIDDING QUESTIONS, THE CONTRACTOR MUST BE DEEMED BY SUBMITTAL OF THEIR BID, TO HAVE BID THE MOST COSTLY AS TO LABOR, MATERIALS, DURATION, SEQUENCE AND METHOD OF CONSTRUCTION TO PROVIDE THE WORK.

9. THESE STRUCTURAL DRAWINGS ARE ISSUED ON THE DATE INDICATED FOR THE PURPOSE DESIGNATED. THESE DRAWINGS MUST NOT BE ISSUED OR RELEASED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN AUTHORIZATION OF THE STRUCTURAL ENGINEER OF RECORD.

10. DETAILS LABELED "TYPICAL DETAIL" WITHIN THE DOCUMENTS APPLY TO SITUATIONS ON THE PROJECT THAT MAY OCCUR THROUGHOUT THE PROJECT. SUCH DETAILS APPLY WHETHER OR NOT THE DETAIL IS SPECIFICALLY REFERENCED AT EACH INSTANCE. NOTIFY ENGINEER IF CLARIFICATIONS ARE REQUIRED REGARDING THE APPLICABILITY OF THE "TYPICAL DETAIL".

11. DESIGN CRITERIA:

CLASSIFICATION OF BUILDING
- RISK CATEGORY ... III

SUPERIMPOSED ROOF DEAD LOADS - UNIFORM:
- 1 1/2" ROOF DECK ... 2 PSF
- INSULATION AND ROOF MEMBRANE ... 5 PSF
- CEILING ... 2 PSF
- SPRINKLERS ... 3 PSF
- DUCTS, LIGHTS, MISC. MECHANICAL ... 3 PSF
- STANDING SEAM METAL ROOF ... 3 PSF

SUPERIMPOSED FLOOR DEAD LOADS - UNIFORM:
- FLOOR FINISH ... 3 PSF
- CEILING ... 2 PSF
- SPRINKLERS ... 3 PSF
- DUCTS, LIGHTS, MISC. MECHANICAL ... 3 PSF

LIVE LOADS - UNIFORM:
- SLAB ON GRADE ... 100 PSF
- ROOF ... 20 PSF
- CLASSROOMS ... 40 PSF
- PARTITION ALLOWANCE ... 15 PSF
- STORAGE ... 125 PSF
- MECHANICAL SPACE ... 150 PSF
- LOBBIES ... 100 PSF
- CORRIDORS (FIRST FLOOR) ... 100 PSF
- CORRIDORS (ABOVE FIRST FLOOR) ... 80 PSF
- STAIRWAYS ... 100 PSF

LIVE LOAD REDUCTION OF THE UNIFORMLY DISTRIBUTED FLOOR LIVE LOADS HAS BEEN UTILIZED.

LIVE LOADS - CONCENTRATED:
- FLOOR ... 1,000#
- ROOFS ... 300#

UNLESS OTHERWISE NOTED, CONCENTRATED LOADS ARE APPLIED UNIFORMLY OVER 2'-6" x 2'-6" AREA.

SNOW LOADS:
- GROUND SNOW LOAD (Pg) ... 10 PSF
- MINIMUM ROOF LOAD (Pf) ... 11 PSF
- IMPORTANCE FACTOR (Is) ... 1.1
- THERMAL FACTOR (Ct) ... 1.0
- EXPOSURE FACTOR (Ce) ... 1.0

WIND LOADS (AREA A):
- ULTIMATE WIND SPEED (Vult) ... 129 MPH
- ALLOWABLE STRESS DESIGN WIND SPEED (Vasd) ... 100 MPH
- EXPOSURE CATEGORY ... C
- INTERNAL PRESSURE COEFFICIENT ... ±0.18
- COMPONENT AND CLADDING PRESSURES:
  - WALLS, ZONE 5 (10 SF) ... 61 PSF
  - ROOF, ZONE 3 (10 SF) ... 108 PSF
  - PARAPET, END/CORNER (10 SF) ... NA
- ULTIMATE WIND BASE SHEARS (FOR MWFRS):
  - Vx ... 273 KIPS
  - Vy ... 86 KIPS

GENERAL NOTES CONT:

WIND LOADS (AREA C AND AREA D):
- ULTIMATE WIND SPEED (Vult) ... 129 MPH
- ALLOWABLE STRESS DESIGN WIND SPEED (Vasd) ... 100 MPH
- EXPOSURE CATEGORY ... C
- INTERNAL PRESSURE COEFFICIENT ... ±0.18
- COMPONENT AND CLADDING PRESSURES:
  - WALLS, ZONE 5 (10 SF) ... 59 PSF
  - ROOF, ZONE 3 (10 SF) ... 103 PSF
  - PARAPET, END/CORNER (10 SF) ... NA
- ULTIMATE WIND BASE SHEARS (FOR MWFRS):
  - Vx ... 100 KIPS
  - Vy ... 245 KIPS

SEISMIC LOADS:
- SITE CLASSIFICATION ... D
- SEISMIC DESIGN CATEGORY ... B
- IMPORTANCE FACTOR (IE) ... 1.25
- SPECTRAL RESPONSE ACCELERATIONS:
  - S_S ... 0.152 ... S_1 ... 0.074
  - S_{MS} ... 0.244 ... S_{M1} ... 0.177
  - S_{DS} ... 0.163 ... S_{D1} ... 0.118
- ANALYSIS PROCEDURE ... EQUIVALENT LATERAL FORCE
- LATERAL FORCE RESISTING SYSTEM ... INTERMEDIATE REINFORCED MASONRY SHEAR WALLS
- RESPONSE MODIFICATION COEFFICIENT (R) ... 3.5
- SEISMIC RESPONSE COEFFICIENT (Cs) ... 0.058
- ULTIMATE SEISMIC BASE SHEAR (V) (AREA A) ... 230 KIPS
- ULTIMATE SEISMIC BASE SHEAR (V) (AREA C AND AREA D) ... 137 KIPS

LATERAL DESIGN CONTROL
- CONTROLLING LATERAL LOADS AREA A (X- DIR) ... WIND
- CONTROLLING LATERAL LOADS AREA A (Y- DIR) ... SEISMIC
- CONTROLLING LATERAL LOADS AREA C&D (X- DIR) ... SEISMIC
- CONTROLLING LATERAL LOADS AREA C&D (Y- DIR) ... WIND

FOUNDATION NOTES:

1. FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON. DATED MAY 17, 2024.

2. FOUNDATIONS HAVE BEEN DESIGNED FOR A NET ALLOWABLE SOIL BEARING PRESSURE OF 2,000 PSF.

3. TOP OF FOOTING ELEVATIONS MUST BE A MINIMUM DEPTH OF -1'-0" BELOW LOWEST ADJACENT SOIL GRADE.

4. PRIOR TO PLACING FOUNDATION CONCRETE, ALL FOUNDATION EXCAVATIONS MUST BE INSPECTED BY THE OWNER'S GEOTECHNICAL SPECIAL INSPECTOR TO EXPLORE THE EXTENT OF LOOSE, SOFT, EXPANSIVE, OR OTHERWISE UNSATISFACTORY SOIL MATERIAL AND TO VERIFY DESIGN BEARING PRESSURE. DIRECTION FOR CORRECTIVE ACTION WILL BE PROVIDED BY THE OWNER'S GEOTECHNICAL SPECIAL INSPECTOR WHERE UNSATISFACTORY SOILS ARE PRESENT.

5. NO UNBALANCED BACKFILLING MUST BE DONE AGAINST MASONRY OR CONCRETE WALLS UNLESS WALLS ARE SECURELY BRACED AGAINST OVERTURNING, EITHER BY TEMPORARY CONSTRUCTION BRACING OR BY PERMANENT CONSTRUCTION.

6. CONTROL GROUNDWATER AND SURFACE RUNOFF THROUGHOUT THE CONSTRUCTION PROCESS. INUNDATION AND LONG TERM EXPOSURE OF BEARING SURFACES WHICH RESULT IN DETERIORATION OF BEARING MUST BE PREVENTED.

SITE PREPARATION AND CONTROLLED FILL NOTES:

1. OBTAIN AND BECOME THOROUGHLY FAMILIAR WITH THE CONDITIONS AND RECOMMENDATIONS DESCRIBED IN THE SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING REPORT. THIS REPORT IS NOT A PART OF THE CONTRACT DOCUMENTS, AND MAY NOT BE REPRESENTATIVE OF ALL SITE CONDITIONS WHICH MAY BE ENCOUNTERED.

2. REMOVE ALL VEGETATION, ROOT MAT, TOPSOIL, ASPHALT PAVING AND AGGREGATE BASE MATERIAL.

3. THE EXPOSED SUBGRADE MUST BE PROOFROLLED WITH A LARGE RUBBER-TIRED ROLLER OR LOADED DUMP TRUCK; PERFORM AT LEAST TWO PASSES IN EACH OF TWO PERPENDICULAR DIRECTIONS.

4. EXCAVATE SOFT SPOTS REVEALED BY PROOFROLLING AS DIRECTED.

5. FILL WITH SATISFACTORY STRUCTURAL FILL MATERIALS TO THE SPECIFIED ELEVATIONS.

CAST-IN-PLACE CONCRETE NOTES:

1. CONCRETE MUST BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301 AND 318.

2. CONCRETE MUST BE NORMAL WEIGHT AND MUST OBTAIN 28 DAY COMPRESSIVE STRENGTHS AS FOLLOWS:
   A. SLAB-ON-GRADE ... 3,500 PSI
   B. SUPPORTED FLOOR SLABS ... 4,000 PSI
   C. FOUNDATION, FOOTINGS ... 3,000 PSI
   D. CONCRETE NOT OTHERWISE NOTED ... 3,000 PSI

3. REINFORCING MATERIALS MUST BE AS FOLLOWS:
   A. REINFORCING BARS - ASTM A615, GRADE 60, DEFORMED.
   B. WELDED WIRE REINFORCEMENT - ASTM A1064, WELDED STEEL WIRE REINFORCEMENT; PROVIDE SHEET TYPE, ROLL TYPE IS NOT ACCEPTABLE.

4. ALL REINFORCING STEEL AND EMBEDDED ITEMS SUCH AS ANCHOR RODS AND WELD PLATES MUST BE ACCURATELY PLACED AND ADEQUATELY TIED AND SUPPORTED BEFORE CONCRETE IS PLACED TO PREVENT DISPLACEMENT BEYOND PERMITTED TOLERANCES.

5. CONCRETE COVER TO REINFORCING STEEL MUST EQUAL THE FOLLOWING, UNLESS OTHERWISE NOTED:
   A. SURFACES AGAINST EARTH ... 3"
   B. SURFACES NOT CAST AGAINST EARTH, BUT EXPOSED TO EARTH OR WEATHER IN THE FINAL CONDITION
      - #5 AND SMALLER ... 1 1/2"
      - #6 AND LARGER ... 2"
   C. BEAMS, GIRDERS, COLUMNS, AND WALLS ABOVE FINISHED FIRST FLOOR ... 1 1/2"
   D. ELEVATED SLABS ... 3/4"

6. LAP CONTINUOUS REINFORCING STEEL 57 X BAR DIAMETER, TYPICAL UNLESS OTHERWISE NOTED.

7. DO NOT EMBED CONDUIT AND PIPING IN OR PENETRATE THROUGH CAST-IN-PLACE CONCRETE ELEMENTS UNLESS OTHER NOTED.

CONCRETE MIX DESIGN NOTES:

1. MIX DESIGNS COMPRESSIVE STRENGTHS (f'c) BASED ON 28 DAY DESIGN STRENGTH, UNLESS OTHERWISE NOTED.

2. CONCRETE NOT OTHERWISE NOTED:
   A. MINIMUM COMPRESSIVE STRENGTH (f'c) = 4000 PSI

3. FOUNDATIONS (SPREAD FOOTINGS, MAT FOOTINGS):
   A. EXPOSURE CLASS = ACI 318 F0, S0, W0, C1
   B. MINIMUM COMPRESSIVE STRENGTH (f'c) = 3,000PSI
   C. MAXIMUM W/CM = 0.5
   D. BLENDED HYDRAULIC CEMENT = ASTM C595 TYPE 1L
   E. SLUMP = 5" MAX PLUS OR MINUS 1", OR 8" MAX, PLUS OR MINUS 1" FOR CONCRETE WITH A VERIFIED SLUMP OF 3" PLUS OR MINUS 1" BEFORE ADDING HIGH-RANGE WATER-REDUCING OR PLASTICIZING ADMIXURE
   F. AIR CONTENT = NO REQUIREMENTS
   G. AGGREGATE = NORMAL WEIGHT, ¾" NOMINAL
   H. LIMIT WATER-SOLUBLE, CHLORIDE-ION CONTENT IN HARDENED CONCRETE TO 0.30 PERCENT BY WEIGHT OF CEMENT

4. INTERIOR FLOOR SLAB-ON-GRADE:
   A. EXPOSURE CLASS = ACI 318 F0, S0, W0, C0
   B. MINIMUM COMPRESSIVE STRENGTH (f'c) = 3,500PSI
   C. MAXIMUM W/CM = 0.5
   D. BLENDED HYDRAULIC CEMENT = ASTM C595 TYPE 1L
   E. SLUMP = 5" MAX PLUS OR MINUS 1", OR 8" MAX, PLUS OR MINUS 1" FOR CONCRETE WITH A VERIFIED SLUMP OF 3" PLUS OR MINUS 1" BEFORE ADDING HIGH-RANGE WATER-REDUCING OR PLASTICIZING ADMIXURE
   F. AIR CONTENT = DO NOT ALLOW AIR CONTENT IN TROWEL FINISHED FLOORS TO EXCEED 3%
   G. AGGREGATE = NORMAL WEIGHT, ¾" NOMINAL
   H. LIMIT WATER-SOLUBLE, CHLORIDE-ION CONTENT IN HARDENED CONCRETE TO 1.00 PERCENT BY WEIGHT OF CEMENT

5. ELEVATED COMPOSITE CONCRETE SLABS:
   A. EXPOSURE CLASS = ACI 318 F0, S0, W0, C0
   B. MINIMUM COMPRESSIVE STRENGTH (f'c) = 4,000PSI
   C. MAXIMUM W/CM = 0.45
   D. BLENDED HYDRAULIC CEMENT = ASTM C595 TYPE 1L
   E. SLUMP = 8" MAX, PLUS OR MINUS 1" FOR CONCRETE WITH A VERIFIED SLUMP OF 3" PLUS OR MINUS 1" BEFORE ADDING HIGH-RANGE WATER-REDUCING OR PLASTICIZING ADMIXURE
   F. AIR CONTENT = DO NOT ALLOW AIR CONTENT IN TROWEL FINISHED FLOORS TO EXCEED 3%
   G. AGGREGATE = NORMAL WEIGHT, ¾" NOMINAL

CONCRETE MASONRY NOTES:

1. CONCRETE MASONRY MATERIALS AND CONSTRUCTION MUST CONFORM TO THE AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (TMS 402 / ACI 53- / ASCE 5) AND "SPECIFICATIONS FOR MASONRY STRCUTURES" (TMS 602 / ACI 530.1 / ASCE 6).

2. CONCRETE MASONRY UNITS MUST CONFORM TO ASTM C90 AND MUST BE MADE WITH LIGHTWEIGHT AGGREGATE.

3. COMPRESSIVE STRENGTH OF MASONRY MUST BE DETERMINED BY THE UNIT STRENGTH METHOD AS SET FORTH IN ACI 530.1. THE NET AREA COMPRESSIVE STRENGTH OF MASONRY, f'm, MUST BE 2,000 PSI AT 28 DAYS.

4. MORTAR MUST BE TYPE 'M' OR 'S' AND MUST COMPLY WITH ASTM C270, PROPORTIONS OR PROPERTIES SPECIFICATION.

5. GROUT MUST COMPLY WITH EITHER THE PROPORTIONS OR PROPERTIES SPECIFICATION OF ASTM C476 AND AS FOLLOWS:
   A. PROPORTIONS SPECIFICATION: THIS MIX CANNOT CONTAIN ADMIXTURES. WATER MUST BE ADDED IN THE FIELD IN ORDER TO ACHIEVE A SLUMP OF 8-11 INCHES WHEN PLACED IN THE CONCRETE MASONRY UNITS. MORTAR, PEA-GRAVEL CONCRETE, OR "CHAT" MIXES ARE NOT ACCEPTABLE SUBSTITUTES FOR THE SPECIFIED GROUT.
   B. PROPERTIES SPECIFICATION: THIS MIX MUST BE PROPORTIONED TO OBTAIN A DOCUMENTED 28 DAY COMPRESSIVE STRENGTH OF 2,000 PSI, WITH AN 8-11 INCH SLUMP WHEN PLACED IN THE CONCRETE MASONRY UNITS.

6. REINFORCING STEEL MUST COMPLY WITH ASTM A615, GRADE 60. SHOP FABRICATE REINFORCING BARS WHICH ARE SHOWN TO BE BENT OR HOOKED.

7. ALL BOND BEAMS, REINFORCED CELLS AND CELLS WITH EXPANSION BOLTS, EMBED PLATES OR OTHER ANCHORS AND ALL CELLS BELOW GRADE MUST BE GROUTED SOLID. GROUT PROCEDURE MUST COMPLY WITH ACI 530.1.

8. ALL CMU WALLS MUST BE REINFORCED CONTINUOUSLY FROM FOUNDATION TO TOP OF WALL. WHERE REINFORCING IS INTERRUPTED, OFFSET AND LAP ADDITIONAL BARS PER THE "TYPICAL OFFSET SPLICE AT MASONRY WALL DETAILS."

9. LAP ALL REINFORCING PER SCHEDULE BELOW, TYPICAL UNLESS OTHERWISE NOTED:

MASONRY LAP SCHEDULE

REINF SIZE	72 x BAR DIAMETER
#4	36"
#5	45"
#6	54"
#7	63"
#8	72"

10. ALL NON-BEARING MASONRY WALLS MUST BE REINFORCED WITH #4 VERTICAL BARS AT 40 INCHES ON CENTER, TYPICAL UNLESS OTHERWISE NOTED. ALL NON-BEARING MASONRY WALLS MUST BE BRACED PER "TYPICAL NON-BEARING MASONRY PARTITION DETAILS".

11. PROVIDE REINFORCING STEEL DOWELS OF THE SAME SIZE AND SPACING AS VERTICAL REINFORCING FROM THE SUPPORTING STRUCTURE. DOWELS MUST HAVE STANDARD ACI HOOKS.

12. PROVIDE STANDARD 9 GAGE LADDER TYPE HORIZONTAL JOINT REINFORCING IN CMU WALLS AT 16 INCHES ON CENTER AND IN TWO JOINTS IMMEDIATELY ABOVE AND BELOW ALL OPENINGS, EXTENDING A MINIMUM OF 2 FEET BEYOND THE JAMB ON EACH SIDE OF THE OPENING, EXCEPT AT CONTROL JOINTS.

13. PROVIDE VERTICAL CONTROL JOINTS AT 20 FEET ON-CENTER MAXIMUM, OR NOT MORE THAN 1.5 TIMES THE HEIGHT OF THE WALL AT CONTROL JOINTS. PROVIDE CONTINUOUS HORIZONTAL BOND BEAM REINFORCEMENT AS SHOWN IN THE SECTIONS AND DETAILS CONTINUOUS THROUGH CONTROL JOINTS.

14. DO NOT LOCATE CONTROL JOINTS WITHIN TWO FEET OF STEEL BEAM BEARING LOCATIONS.

15. PLACE GROUT WITH POUR HEIGHT NOT EXCEEDING 5 FEET. CONSOLIDATE EACH POUR BY MECHANICAL VIBRATION. RECONSOLIDATE AFTER INITIAL WATER LOSS AND SETTLEMENT OCCUR.

CONCRETE MASONRY NOTES CONT:

16. GROUT POUR HEIGHT MAY BE INCREASED WHERE THE FOLLOWING CONDITIONS ARE MET:
   A. LIMIT POUR HEIGHT BASED ON A MINIMUM WIDTH OF GROUT SPACE IN ACCORDANCE WITH TABLE 7 OF ACI 530.1 / ASCE 6 / TMS 602.
   B. PLACE GROUT IN LIFTS NOT EXCEEDING THE LIMITATIONS SPECIFIED IN ACE 530.1/ASCE 6/TMS 602.
   C. CONSOLIDATE EACH POUR BY MECHANICAL VIBRATION. RECONSOLIDATE AFTER INITIAL WATER LOSS AND SETTLEMENT HAS OCCURRED.
   D. FORM A GROUT KEY BETWEEN POURS ACCORDING TO ACI 530.1 / ASCE 6 / TMS 602.
   E. PROVIDE AN INSPECTION PORT (CLEANOUT) AT EACH CELL TO BE GROUTED AT THE BASE OF EACH POUR.
   F. SUBMIT SHOP DRAWINGS DETAILING THE PROPOSED GROUTING PROCEDURE ALONG WITH (3) REFERENCES OF PREVIOUS SUCCESSFUL PROJECTS.

17. MASONRY SHALL BE CONSTRUCTED IN RUNNING BOND PATTERN AND ALL CORNERS TO BE TIED BY MASONRY BOND UNLESS OTHERWISE NOTED.

18. SUBMITTALS FOR CONCRETE MASONRY MUST INCLUDE THE FOLLOWING:
   A. PRODUCT DATA/MATERIAL CERTIFICATES: SUBMIT DATA AND CERTIFICATES FOR MASONRY UNITS, CEMENTITOUS MATERIALS, MORTAR ADMIXTURES, PRE-BLENDED DRY MORTAR MIXES, REINFORCING BARS, JOINT REINFORCEMENT, ANCHORS, TIES, AND METAL ACCESSORIES.
   B. REINFORCEMENT SHOP DRAWINGS: SHOW ELEVATIONS OF REINFORCED WALLS. MUST COMPLY WITH ACI DETAILING MANUAL: DETAIL BENDING, LAP LENGTHS, AND PLACEMENT OF UNIT MASONRY REINFORCING BARS.
   C. MIX DESIGNS: SUBMIT MIX DESIGNS FOR EACH TYPE OF MORTAR AND GROUT AND INCLUDE DESCRIPTION OF TYPE AND PROPORTIONS OF INGREDIENTS. INCLUDE TEST REPORTS FOR GROUT MIXES ACCORDING TO ASTM C1019
   D. SHOP DRAWINGS MUST INDICATE THE DATE OF THE STRUCTURAL DRAWINGS THAT WERE USED IN PREPARATION.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL MUST BE IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 360.

2. STRUCTURAL STEEL FABRICATOR MUST PARTICIPATE IN THE AISC QUALITY CERTIFICATION PROGRAM AND BE A DESIGNATED AISC-CERTIFIED PLANT.

3. STRUCTURAL STEEL INSTALLER MUST PARTICIPATE IN THE AISC QUALITY CERTIFICATION PROGRAM AND BE A DESIGNATED AISC-CERTIFIED ERECTOR.

4. STRUCTURAL STEEL MUST COMPLY WITH THE FOLLOWING SPECIFICATIONS:
   A. STRUCTURAL STEEL SHAPES, PLATES AND BARS UNLESS OTHERWISE NOTED - ASTM A572, Fy = 50 KSI
   B. STRUCTURAL STEEL W-SHAPES - ASTM A992, Fy = 50 KSI
   C. HOLLOW STRUCTURAL SECTIONS (HSS):
      a. SQUARE & RECTANGULAR - ASTM A500, GRADE C, Fy = 50 KSI
      b. ROUND - ASTM A500, GRADE C, Fy = 46 KSI
   D. ANCHOR RODS - ASTM F1554, GRADE 36
   E. HIGH STRENGTH BOLTS - ASTM A325 (TYPICAL UON)
   F. FULLY PRETENSIONED BOLTS - ASTM F1852 (TWIST-OFF TYPE)
   G. WASHERS - ASTM F436
   H. NUTS - ASTM A563
   I. HEADED STUDS - ASTM A29, GRADE 1010 THROUGH 1020

5. UNLESS OTHERWISE NOTED, ALL REQUIRED DESIGN STRENGTHS AND REACTIONS INDICATED ARE BASED ON THE "LOADING COMBINATIONS USING STRENGTH DESIGN OR LOAD AND RESISTANCE FACTOR DESIGN" PER SECTION 1605.2 OF THE BUILDING CODE.

6. ALL STEEL CONNECTIONS AND MEMBER REINFORCEMENT MUST BE DESIGNED BY FABRICATOR'S QUALIFIED PROFESSIONAL ENGINEER FOR LOADS INDICATED ON THE DRAWINGS, PER OPTION 3B OF ANSI/AISC 303 AND COMPLETE THE FOLLOWING:
   A. SUBMIT STRUCTURAL CALCULATIONS SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NORTH CAROLINA RESPONSIBLE FOR THEIR PREPARATION.
   B. THE PROFESSIONAL ENGINEER RESPONSIBLE FOR CONNECTION DESIGN MUST REVIEW THE SHOP DRAWINGS PRIOR TO SUBMITTAL TO VERIFY THAT THE CONNECTIONS AS DETAILED ON THE SHOP DRAWINGS COMPLY WITH THE CONNECTION DESIGN REQUIREMENTS OF THE FINAL CALCULATIONS.
   C. A REVIEW LETTER, SIGNED AND SEALED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR CONNECTION DESIGN MUST BE PROVIDED WITH THE SHOP DRAWINGS AND CALCULATION SUBMITTAL STATING THAT THIS REVIEW AND VERIFICATION HAS BEEN COMPLETED.

7. HIGH STRENGTH BOLTS MAY BE TIGHTENED TO THE "SNUG TIGHT" CONDITION, UNLESS OTHERWISE NOTED.

8. BOLTED CONNECTIONS MAY USE NON-STANDARD HOLES.

9. PROVIDE ANGLE FRAMING AROUND OPENINGS LARGER THAN 6 INCHES IN ANY DIMENSION (INCLUDING ROOF DRAINS) TO SUPPORT STEEL DECK. REFERENCE PLANS AND TYPICAL DETAILS FOR SIZING REQUIREMENTS.

10. WELDING MUST BE IN ACCORDANCE WITH AWS D1.1, "STRUCTURAL WELDING CODE - STEEL." WELD ELECTRODES MUST BE E70XX LOW HYDROGEN. UNLESS OTHERWISE NOTED, PROVIDE CONTINUOUS FILLET WELDS WITH MINIMUM SIZE REQUIRED BY TABLE J2.4 AISC 360.

11. COORDINATE ALL MEMBER LOCATIONS, UNIT WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED.

12. SHOP PRIME STEEL SURFACES, EXCEPT THE FOLLOWING:
   A. SURFACES EMBEDDED IN CONCRETE OR MORTAR. EXTEND PRIMING OF PARTIALLY EMBEDDED MEMBERS TO A DEPTH OF 2 INCHES
   B. SURFACES TO BE WELDED.
   C. SURFACES TO RECEIVE SPRAYED FIRE-RESISTIVE MATERIALS.
   D. GALVANIZED SURFACES.
   E. SURFACES ENCLOSED IN INTERIOR CONSTRUCTION.

13. CLEAN ALL STEEL SURFACES TO BE PAINTED. REMOVE LOOSE RUST, MILL SCALE, SPATTER, SLAG, OR FLUX DEPOSITS. PREPARE SURFACES IN ACCORDANCE WITH SSPC-SP3 SPECIFICATION AND STANDARD.

STRUCTURAL STEEL NOTES CONT:

14. HOT-DIP GALVANIZE AFTER FABRICATION THE FOLLOWING:
   A. ANGLES AND PLATES SUPPORTING MASONRY IN EXTERIOR WALLS.
   B. LINTELS AND LINTEL ASSEMBLIES SUPPORTING MASONRY IN EXTERIOR WALLS.
   C. ALL STEEL EXPOSED TO WEATHER IN THE FINAL CONSTRUCTION.
   D. ITEMS IDENTIFIED AS GALVANIZED ON ARCHITECTURAL OR STRUCTURAL DRAWINGS.

15. STEEL MEMBERS MUST BE SPLICED ONLY WHERE INDICATED.

16. LOCATE CONSTRUCTION JOINTS FOR SLABS ON METAL DECK MIDWAY BETWEEN BEAMS WHERE THE JOINT IS PARALLEL TO THE BEAM SPAN. LOCATE JOINTS WITHIN THE MIDDLE THIRD SPAN WHERE THE JOINT IS PERPENDICULAR TO THE BEAM SPAN. ANY STOP IN CONCRETE WORK MUST BE MADE WITH VERTICAL BULKHEADS, UNLESS OTHERWISE SHOWN. REINFORCING TO BE CONTINUOUS THROUGH JOINTS.

STEEL JOIST NOTES:

1. STEEL JOISTS MUST BE IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE (SJI) STANDARD SPECIFICATIONS.

2. STEEL JOISTS DESOGNATED "SP" ON PLANS ARE SPECIAL JOISTS WHICH MUST BE DESIGNED FOR THE SPECIAL CRITERIA INDICATED.

3. JOIST BRIDGING MUST CONFORM TO SJI SPECIFICATIONS, INCLUDING BRIDGING REQUIRED FOR JOISTS SUBJECTED TO UPLIFT LOADS. PROVIDE CROSS-BRIDGING AT ENDS OF BRIDGING LINES AND CHANGES IN JOIST DEPTHS AND AT ROLLED STEEL SHAPES RUNNING PARALLEL TO JOISTS. BRIDGING SHOWN MUST BE PROVIDED, IN ADDITION TO THE REQUIRED STANDARD BRIDGING. ENDS OF ALL BRIDGING LINES MUST BE ANCHORED TO WALLS OR BEAMS.

4. ROOF JOISTS MUST BE DESIGNED FOR A NET UPLIFT LOAD (LRFD) OR (ULTIMATE) OF 30 PSF.

5. ALL JOISTS MUST BE DESIGNED FOR A CONCENTRATED LOAD OF 300 LBS. HUNG FROM THE JOIST TOP OR BOTTOM CHORD AT ANY POINT ALONG THE SPAN.

6. STEEL JOISTS SCHEDULED TO RECEIVE SPRAYED-ON FIREPROOFING MUST NOT BE PRIME PAINTED.

7. PERMANENT SUSPENDED LOADS MUST NOT BE SUPPORTED BY JOIST BRIDGING.

8. SUBMIT SPRINKLER SHOP DRAWINGS INCLUDING LOADS AND LOCATIONS PRIOR TO FABRICATION OF JOISTS.

9. COMPLY WITH OSHA SAFETY STANDARDS FOR THE ERECTION OF STEEL JOISTS.

10. THE CONTRACTOR MUST SUBMIT SHOP DRAWINGS AND CALCULATIONS PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NORTH CAROLINA FOR THE DESIGN OF SPECIAL JOISTS, OR JOISTS INDICATED TO COMPLY WITH SPECIFIC LOADING REQUIREMENTS.

STEEL DECK NOTES:

1. STEEL DECK MUST BE IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI), "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" AND THE STEEL DECK INSTITUTE (SDI), "DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS, AND ROOF DECKS."

2. STEEL DECK INSTALLATION MUST COMPLY WITH THE FOLLOWING:
   A. ROOF DECK: 1 1/2" x 20 GAGE TYPE 'B' GALVANIZED, UNLESS OTHERWISE NOTED, ATTACH DECK TO SUPPORTS WITH #12 SELF-TAPPING HEX HEAD SCREWS IN ALL RIBS WHERE END LAPS OCCUR AND AT 12 INCHES ON CENTER ALONG SUPPORTS WITH A 36/4 PATTERN. FASTEN SIDE LAPS WITH #10 SELF-TAPPING HEX HEAD SCREWS AT 1/4 POINTS BETWEEN SUPPORTS. FASTEN EDGEMOST DECK PANEL TO STEEL FRAMING WITH #10 SELF-TAPPING HEX HEAD SCREWS AT SAME SPACING AS SIDELAP FASTENERS.
   B. FORM DECK: 1 1/2" x 20 GAGE TYPE 'C' GALVANIZED. UNLESS OTHERWISE NOTED, ATTACH DECK TO SUPPORTS WITH 5/8 INCH DIAMETER PUDDLE WELDS AT 12 INCHES ON CENTER. FASTEN SIDELAPS WITH #10 SELF-TAPPING HEX HEAD SCREWS AT 1/3 POINTS BETWEEN SUPPORTS. FASTEN EDGEMOST DECK PANEL TO STEEL FRAMING WITH 5/8 INCH DIAMETER PUDDLE WELDS AT SAME SPACING AS SIDELAP FASTENERS.

3. STEEL DECK MUST BE INSTALLED PERPENDICULAR TO SUPPORTS AND MUST HAVE A MINIMUM OF THREE CONTINUOUS SPANS. ENDLAPS MUST ONLY OCCUR AT SUPPORTS.

4.

COLD-FORMED METAL FRAMING AND PREFABRICATED COLD-FORMED METAL TRUSS NOTES:

1. COLD-FORMED METAL FRAMING AND PREFABRICATED COLD-FORMED METAL TRUSSES MUST BE IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI) "NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS" AND "NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING - TRUSS DESIGN", WITH SUPPLEMENT 2, DATED 2012.

2. SUBMIT SHOP DRAWINGS AND CALCULATIONS SIGNED AND SEALED BY A NORTH CAROLINA LICENSED PROFESSIONAL ENGINEER RESPONSIBLE FOR THE DESIGN OF COLD-FORMED METAL FRAMING AND PREFABRICATED COLD FORMED METAL TRUSSES. SHOP DRAWINGS MUST INCLUDE DESIGN LOADINGS AND REACTIONS APPLIED TO THE SUPPORTING STRUCTURE. INCLUDE PLACING DRAWINGS FOR FRAMING MEMBERS SHOWING SIZE AND GAGE DESIGNATIONS, NUMBER, TYPE, LOCATION AND SPACING. INDICATE CONNECTIONS, SUPPLEMENTAL STRAPPING, BRACING, SPLICES, BRIDGING, ACCESSORIES AND DETAILS AND CONSTRUCTION SEQUENCE REQUIRED FOR PROPER AND SAFE INSTALLATION. INCLUDE ALL TRUSS SPLICE DETAILS AND TRUSS TO TRUSS CONNECTION DETAILS. SECONDARY BENDING STRESSES IN TRUSS TOP AND BOTTOM CHORDS DUE TO MEMBER LOADS MUST BE CONSIDERED IN THE DESIGN.

3. WELDING MUST BE IN ACCORDANCE WITH AWS D1.3, "STRUCTURAL WELDING CODE - SHEET STEEL". TOUCH UP ALL WELDS WITH SPECIFIED COATING SYSTEMS.

4. COLD-FORMED METAL FRAMING MEMBERS MUST CONFORM TO ASTM C955, AND BE FORMED OF CORROSION-RESISTANT STEEL CONFORMING TO ASTM A653 AND ASTM C955 WITH A MINIMUM YIELD STRENGTH OF 33 KSI FOR 43 MIL AND THINNER MEMBERS AND 50 KSI FOR ALL OTHER MEMBERS.

5. MEMBER SECTION PROPERTIES MUST CONFORM TO PART 'I' OF THE "COLD-FORMED STEEL DESIGN MANUAL."

6. COLD-FORMED METAL FRAMING MEMBERS, HEADERS AND CONNECTIONS SHOWN ON STRUCTURAL AND ARCHITECTURAL DRAWINGS ARE SCHEMATIC ONLY AND MUST BE DESIGNED TO MEET PERFORMANCE SPECIFICATION REQUIREMENTS.

7. PROVIDE BRIDGING LINES AT 4'-0" MAXIMUM ON CENTER IN ALL WALLS UNLESS OTHERWISE INDICATED. BRIDGING MUST BE FULLY INSTALLED AND ANCHORED AT ENDS BEFORE SUPERIMPOSING LOADS ONTO THE STUDS.

8. PROVIDE TRUSS HOLD DOWN ANCHORS CAPABLE OF RESISTING CALCULATED REACTIONS. PROVIDE ENGINEERING DATA AND CONNECTION DETAILS FOR HOLD-DOWN ANCHORS WITH SHOP DRAWING SUBMITTAL.

9. COLD-FORMED METAL FRAMING AND COLD-FORMED METAL TRUSS DESIGN LOADS MUST BE AS INDICATED IN THE "GENERAL NOTES" AND AS FOLLOWS:
   A. TOP CHORD DEAD LOAD: 10 PSF (PLUS ADDITIONAL 5 PSF AT OVERBUILT ROOF FRAMING AREAS)
   B. WIND LOAD: WHEN CALCULATING NET UPLIFT REACTIONS, USE MAXIMUM RESISTING DEAD LOAD = 7 PSF ON TOP CHORD AND 0 PSF ON BOTTOM CHORD.
   C. BOTTOM CHORD DEAD LOAD: 10 PSF

10. PROVIDE ALL TEMPORARY AND PERMANENT BRACING AS REQUIRED FOR SAFE ERECTION AND PERFORMANCE OF THE TRUSSES. THE GUIDELINES SET FORTH IN LGSEA TECHNICAL NOTE 551d, "DESIGN GUIDE FOR CONSTRUCTION BRACING OF COLD-FORMED STEEL TRUSSES" AND LGSEA TECHNICAL NOTE 551e, "DESIGN GUIDE FOR PERMANENT BRACING OF COLD-FORMED STEEL TRUSSES" MUST BE CONSIDERED AS MINIMUM REQUIREMENTS.

11. ALL CONNECTION HARDWARE FOR TRUSS-TO-TRUSS CONNECTIONS AND TRUSS TO SUPPORTING STRUCTURE CONNECTIONS MUST BE SUPPLIED BY THE TRUSS MANUFACTURER.

SPECIALTY STRUCTURAL ELEMENTS:

1. THE FOLLOWING BUILDING ELEMENTS REQUIRE DELEGATED DESIGN AND ENGINEERING BY A SPECIALTY STRUCTURAL ENGINEER:

   A. METAL STAIRS
   B. CURTAIN WALL AND GLAZING ASSEMBLIES INCLUDING CONNECTIONS TO THE STRUCTURE
   C. COLD-FORMED METAL FRAMING (CFMF)
   D. STRUCTURAL STEEL CONNECTIONS
   E. PRE-FABRICATED CANOPIES AND AWNINGS
   F. PRE-FABRICATED ROOF OR FLOOR TRUSSES

   REFERENCE SPECIFICATIONS FOR COMPLETE REQUIREMENTS

2. SUBMIT COMPLETE CALCULATIONS AND SHOP DRAWINGS, SIGNED AND SEALED BY THE PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NORTH CAROLINA RESPONSIBLE FOR THE DESIGN, INCLUDING DESIGN LOADINGS AND REACTIONS APPLIED TO THE SUPPORTING STRUCTURE. INCLUDE A SUMMARY OF THE CONTROLLING LOAD CASES FOR EACH LOCATION.

3. IN ADDITION TO THEIR OWN DEAD WEIGHT AND THE DEAD LOADS SHOWN OR INDICATED IN THE DRAWINGS, MEMBERS MUST BE DESIGNED TO SUPPORT THE LOADS INDICATED IN THE GENERAL NOTES.

4. CONNECTION DETAILS SHOWN ARE SCHEMATIC ONLY. ALL CONNECTIONS MUST BE DESIGNED AND DETAILED BY THE MANUFACTURER TO SUIT THE SPECIFIED LOADS. CONNECTIONS MUST ACCOUNT FOR THERMAL MOVEMENT, DEFLECTION AND CREEP. DETAIL ALL CONNECTIONS ON SHOP DRAWINGS.

5. THE CONTRACTOR MUST BE RESPONSIBLE FOR THE COORDINATION OF ALL SPECIALTY STRUCTURAL ELEMENTS AND COST ASSOCIATED WITH A CONTRACTOR INITIATED CHANGE IN BUILDING STRUCTURE, INCLUDING CONSTRUCTION COSTS AND RE-ENGINEERING COSTS.

POST-INSTALLED ANCHOR NOTES:

1. ALL POST INSTALLED ANCHORS INDICATED ON THE DRAWINGS ARE BY HILTI, INC, AND MUST BE CONSIDERED THE BASIS OF DESIGN PRODUCT. WHERE NOT EXPLICITLY INDICATED IN THE DRAWINGS, THE FOLLOWING ANCHORS/ADHESIVES MUST BE USED:
   A. ANCHORAGE TO CONCRETE
      1. ADHESIVE ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
         a. HILTI HIT-HY 200 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT (TE-CD OR TE-YD) AND VC 20/40 VACUUM SYSTEM (VC 20-U OR VC40U) WITH STEEL THREADED ROD PER ICC ESR-3187.
      2. SCREW ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
         a. HILTI KWIK HUS EZ SCREW ANCHORS PER ICC ESR-3027.
   B. REBAR DOWELING INTO CONCRETE
      1. ADHESIVE ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
         a. HILTI HIT-HY 200 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT (TE-CD OR TE-YD) AND VC 20/40 VACUUM SYSTEM (VC 20-U OR VC 40-U) WITH CONTINUOUSLY DEFORMED REBAR PER ICC ESR-3187.
   C. ANCHORAGE TO SOLID GROUTED MASONRY
      1. ADHESIVE ANCHORS USE:
         a. HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM (ICC PENDING).
         b. STEEL ANCHOR ELEMENT MUST BE HILTI HAS-E CONTINUOUSLY THREADED ROD.
      2. MECHANICAL ANCHORS USE:
         a. HILTI KWIK HUS EZ SCREW ANCHORS PER ICC ESR 3056.

2. ALTERNATE POST INSTALLED ANCHOR PRODUCTS MAY BE SUBMITTED TO THE ENGINEER FOR REVIEW AND POSSIBLE APPROVAL. ALL SUBSTITUTION REQUESTS MUST BE ACCOMPANIED BY AN ICC ESR SHOWING COMPLIANCE WITH THE RELEVANT BUILDING CODE FOR SEISMIC USES, LOAD RESISTANCE, INSTALLATION CATEGORY, AND COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERVICE TEMPERATURE AND INSTALLATION TEMPERATURE. ALTERNATE PRODUCTS MAY REQUIRE MODIFICATIONS TO ANCHOR DIAMETER, SPACING, AND EMBEDMENT.

3. INSTALL ANCHORS PER THE MANUFACTURER INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.

4. THE CONTRACTOR MUST ARRANGE FOR AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED. THE STRUCTURAL ENGINEER OF RECORD MUST RECEIVE DOCUMENTED CONFIRMATION THAT ALL OF THE CONTRACTOR'S PERSONNEL WHO INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF ANCHOR INSTALLATION.

5. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.

6. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS NOTED ON THE DRAWINGS THAT THE BARS CAN BE CUT, THE CONTRACTOR MUST LOCATE THE POSITION OF THE REINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS, BY FERROSCAN OR GPR.

7. ALL POST INSTALLED ANCHORS REQUIRE CONTINUOUS SPECIAL INSPECTIONS TO VERIFY INSTALLATION HAS BEEN PERFORMED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. REFERENCE THE STATEMENT AND SCHEDULE OF SPECIAL INSPECTIONS FOR ADDITIONAL INFORMATION.

SHOP DRAWINGS AND SUBMITTALS:

1. THESE DRAWINGS SHALL BE CHECKED AND COORDINATED WITH OTHER MATERIALS AND CONTRACTS BY THE GENERAL CONTRACTOR. SHOP DRAWINGS AND SUBMITTALS MUST BEAR THE CONTRACTOR'S REVIEW STAMP WITH CHECKER'S INITIALS BEFORE BEING SUBMITTED TO THE ARCHITECT FOR APPROVAL.

2. WHEN THE FABRICATOR HAS BEEN AUTHORIZED TO USE THE ARCHITECT'S AND / OR ENGINEER'S DRAWINGS AS ERECTION DRAWINGS, THE FABRICATOR MUST REMOVE ALL TITLE BLOCKS, PROFESSIONAL SEALS, AND ANY OTHER REFERENCE TO THE ARCHITECT AND / OR ENGINEER FROM THAT ERECTION DRAWING.

3. WHERE DIMENSIONS AND ELEVATIONS OF EXISTING CONSTRUCTION COULD AFFECT THE NEW CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE FIELD MEASUREMENTS REQUIRED FOR INCORPORATION IN THE SHOP DRAWING AND PRIOR TO FABRICATION.

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	KCJ	KEYED CONSTRUCTION JOINT
ARCH	ARCHITECT	Ld	REBAR TENSION DEVELOPMENT LENGTH
BD	BAR DIAMETER	Ldc	REBAR COMPRESSION DEVELOPMENT LENGTH
BF	BRACED FRAME	Ldh	HOOKED REBAR TENSION DEVELOPMENT LENGTH
BEJ	BUILDING EXPANSION JOINT	Ls	REBAR TENSION SPLICE LENGTH
BLDG	BUILDING	Lsc	REBAR COMPRESSION SPLICE LENGTH
BM	BEAM	L	LOW
BOD	BOTTOM OF DECK	LLH	LONG LEG HORIZONTAL
BOS	BOTTOM OF STEEL	LLV	LONG LEG VERTICAL
BOT, B	BOTTOM	LSH	LONG SIDE HORIZONTAL
BRG	BEARING	LSV	LONG SIDE VERTICAL
BTWN	BETWEEN	LTWT	LIGHTWEIGHT
C TO C	CENTER TO CENTER	LWC	LIGHTWEIGHT CONCRETE
CFMF	COLD-FORMED METAL FRAMING	MAS	MASONRY
CJ	CONTROL JOINT	MATL	MATERIAL
CL	CENTERLINE	MAX	MAXIMUM
CLR	CLEAR	MECH	MECHANICAL
CMU	CONCRETE MASONRY UNIT	MF	MOMENT FRAME
COL	COLUMN	MFR	MANUFACTURER
CONC	CONCRETE	MID	MIDDLE
CONN	CONNECTION	MIN	MINIMUM
CONSTR	CONSTRUCTION	MOD	MODIFY
CONT	CONTINUOUS	MOS	MIDDEPTH OF SLAB
COORD	COORDINATE	NOM	NOMINAL
CTR	CENTER	NS	NEAR SIDE
CTRD	CENTERED	NTS	NOT TO SCALE
DBA	DEFORMED BAR ANCHOR	OC	ON CENTER
DBL	DOUBLE	OPH	OPPOSITE HAND
DC	DIAPHRAGM CHORD	OPNG	OPENING
DCJ	DOWELED CONSTRUCTION JOINT	PAF	POWDER ACTUATED FASTENER
DIA, Ø	DIAMETER	PAR	PARALLEL
DIST	DISTANCE	PC	PIECE
DJ	DOUBLE JOIST	PEMB	PRE-ENGINEERED METAL BUILDING
DWGS	DRAWINGS	PEN	PENETRATE, PENETRATION
EA	EACH	PERP	PERPENDICULAR
EF	EACH FACE	PL	PLATE
EJ	EXPANSION JOINT	PT	POST-TENSIONED (CONC) PRESSURE TREATED (WOOD)
EL	ELEVATION	R	RADIUS
ELEV	ELEVATOR	REF	REFERENCE, REFER TO
EMBED	EMBEDMENT	REINF	REINFORCE, REINFORCED, REINFORCING
EOD	EDGE OF DECK	REQD	REQUIRED
EOS	EDGE OF SLAB	REQMTS	REQUIREMENTS
EQ	EQUAL	SCHED	SCHEDULE
EW	EACH WAY	SF	STEPPED FOOTING
EXIST	EXISTING	SGB	STEPPED GRADE BEAM
EXP	EXPANSION	SIM	SIMILAR
EXT	EXTERIOR	SJ	SAWED JOINT
FD	FLOOR DRAIN	SL	SLOPE
FDN	FOUNDATION	SOG	SLAB-ON-GRADE
FO	FACE OF	SPF	SIDEPLATE FRAME
FF EL	FINISHED FLOOR ELEVATION	STD	STANDARD
FIN	FINISH	STIFF	STIFFENER
FIN FLR	FINISHED FLOOR	TBE	TRUSS BEARING ELEVATION
FOB	FACE OF BUILDING	T&B	TOP & BOTTOM
FOC	FACE OF CONCRETE	T&G	TONGUE AND GROOVE
FOM	FACE OF MASONRY	THK	THICKNESS
FOS	FACE OF SLAB/ STUD	TOC	TOP OF CONCRETE
FRMG	FRAMING	TOF	TOP OF FOOTING
FTG	FOOTING	TOM	TOP OF MASONRY
FS	FAR SIDE	TOCP	TOP OF CONCRETE PEDESTAL
FV, ±	FIELD VERIFY	TOS	TOP OF STEEL
GALV	GALVANIZED	TS	THICKENED SLAB
GC	GENERAL CONTRACTOR	TS/STR	THICKENED SLAB AT STAIR
GEN	GENERAL	TYP	TYPICAL
GR BM	GRADE BEAM	UON	UNLESS OTHERWISE NOTED
H	HIGH	VERT	VERTICAL
HK	HOOK	W/	WITH
HORIZ	HORIZONTAL	WP	WORKING POINT
HSS	HOLLOW STRUCTURAL SECTION	WSP	WOOD STRUCTURAL PANEL(S)
HSA	HEADED STUD ANCHOR	WWR	WELDED WIRE REINFORCING
HT	HEIGHT		
HVY	HEAVY		
INT	INTERIOR		
JBE	JOIST BEARING ELEVATION		
JT	JOINT		
KCJ	KEYED CONSTRUCTION JOINT		

DRAWINGS LEGEND

GENERAL ANNOTATIONS

SECTIONS

X / SX = SECTION/DETAIL MARK
SECTION/DETAIL NUMBER/LETTER
SHEET NUMBER WHERE SECTION/DETAIL MARK IS DRAWN
X / SX SX = SECTION/DETAIL MARK
SECTION/DETAIL NUMBER/LETTER
SHEET NUMBER WHERE SECTION/DETAIL MARK IS DRAWN
SHEET NUMBER WHERE SECTION/DETAIL MARK IS CUT

COLUMNS

GRID = COLUMN GRID MARK
X = EXISTING COLUMN GRID MARK

GENERAL PLANS

X = PLAN KEY NOTE MARK
± = FIELD VERIFY
SL = DIRECTION OF SLOPE
= CHANGE IN ELEVATION
= CHANGE IN SLOPE

SHALLOW FOUNDATIONS

SF SF / PIPE = PIPE CROSSING FOOTING
= SLAB-ON-GRADE JOINT
WFX = WALL FOOTING MARK
CFX = COLUMN FOOTING MARK

FLOOR AND ROOF FRAMING

RTU-X XXXX# = MECHANICAL UNIT SUPPORTED ABOVE FRAMING (WEIGHT IN POUNDS) - COORD W/ MECH DWGS
RTU-X XXXX# = MECHANICAL UNIT SUPPORTED BELOW FRAMING (WEIGHT IN POUNDS) - COORD W/ MECH DWGS
= FLOOR / ROOF OPENING
= WARP LINE OF ROOF DECK
= HORIZONTAL BRIDGING
= CROSS BRIDGING

ELEVATIONS

FOUNDATIONS

(-X'-X") = TOP OF FOOTING ELEVATION MEASURED FROM REFERENCED FINISHED FLOOR ELEVATION = 0'-0"
(-X'-X") = TOP OF PILE CAP / GRADE BEAM ELEVATION MEASURED FROM REFERENCED FINISHED FLOOR ELEVATION = 0'-0"
<-X'-X"> = TOP OF EXISITNG FOOTING ELEVATION MEASURED FROM REFERENCED FINISHED FLOOR ELEVATION = 0'-0"
X'-X" = TOP OF SLAB ELEVATION MEASURED FROM REFERENCED FINISHED FLOOR ELEVATION = 0'-0"

FLOORS AND ROOF

BOD = +X'-X" = BOTTOM OF DECK ELEVATION MEASURED FROM REFERENCED FINISHED FLOOR ELEVATION = 0'-0"
TOS = +X'-X" = TOP OF STEEL ELEVATION MEASURED FROM REFERENCED FINISHED FLOOR ELEVATION = 0'-0"
BOS = +X'-X" = BOTTOM OF STEEL ELEVATION MEASURED FROM REFERENCED FINISHED FLOOR ELEVATION = 0'-0"
TOM = +X'-X" = TOP OF MASONRY ELEVATION MEASURED FROM REFERENCED FINISHED FLOOR ELEVATION = 0'-0"
TBE = +X'-X" = TRUSS BEARING ELEVATION MEASURED FROM REFERENCED FINISHED FLOOR ELEVATION = 0'-0"

STEEL

CONNECTIONS

= MOMENT CONNECTION
= AXIAL CONNECTION
= FULL DEPTH STIFFENER CONNECTION
= JOIST BOTTOM CHORD EXTENSION
= BEAM BOTTOM FLANGE BRACE
= BEAM SPLICE
KB = KNUCKLED BEAM

COMPOSITE BEAMS

BEAM SIZE
MOMENT REACTION (KIP-FT)
AXIAL REACTION (KIPS)
M=20k-ft V=60k A=15k
W16x26 (36) [2"]
NUMBER OF HEADED STUDS
CAMBER
SHEAR REACTION (KIPS) IF GREATER THAN LOADS GIVEN IN "MINIMUM BEAM REACTION SCHEDULE"
= COMPOSITE BEAM NOTATION

MISC ANNOTATIONS

SJ = JOIST SLIP CONNECTION
SG = JOIST GIRDER SLIP CONNECTION
SB = BEAM SLIP CONNECTION
= JOIST GIRDER MOMENT MARK

CONCRETE

WALLS

= BEARING WALL EXTENDING ABOVE FLOOR / ROOF
= BEARING WALL TERMINATING BELOW FLOOR / ROOF
= EXTERIOR WALL TERMINATING BELOW FLOOR / ROOF
= CONCRETE SHEARWALL
= CONCRETE FIREWALL
W1 = WALL TYPE MARK

MASONRY

WALLS

= BEARING WALL EXTENDING ABOVE FLOOR / ROOF
= BEARING WALL TERMINATING BELOW FLOOR / ROOF
= NON-BEARING WALL BEARING ON FLOOR BELOW
= EXTERIOR WALL TERMINATING BELOW FLOOR / ROOF
= CMU SHEARWALL
= CMU FIREWALL
W1 = WALL TYPE MARK

STEEL LINTELS

LINTEL SIZE
HSSXxXxXXX/XX (X)
BOS = +X'-XX"
BOS MEASURED FROM BOTTOM OF BEAM
LINTEL TYPE - REF TYPICAL DETAILS
= STEEL LINTEL NOTATION

COLF-FORMED METAL FRAMING

MISC ANNOTATIONS

T-X = TRUSS MARK

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PROJECT INFORMATION

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Structural Engineers
301 N. West Street, Suite 105
Raleigh, NC 27603
919.782.1833 - lynchmykins.com
LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL C-4360 LYNCH MYKINS CONSTRUCTION ENGINEERS

NORTH CAROLINA PROFESSIONAL SEAL 35705 ENGINEER DELANEY T. ORTIZ
01/10/2025

DKA JOB NUMBER
2401

REVISIONS

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PE: DTO
DE: LM
Drawn By: SSO
Plot Date: 1/8/2025 4:49:11 PM

DATE ISSUED

BID DOCUMENTS
01/10/2025

SHEET TITLE

GENERAL NOTES / ABBREVIATIONS / LEGEND

S00.02

STATEMENT OF SPECIAL INSPECTION SERVICES

PROJECT: ROSEWOODS MIDDLE SCHOOL ADDITION
LOCATION: 541 NORTH CAROLINA 581 S, GOLDSBORO, NC 27530
OWNER'S REPRESENTATIVE: WAYNE COUNTY SCHOOLS
OWNER'S ADDRESS:

THIS STATEMENT OF SPECIAL INSPECTIONS IS SUBMITTED AS A CONDITION FOR PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTION REQUIREMENTS OF THE 2018 NORTH CAROLINA STATE BUILDING CODE. IT INCLUDES A SCHEDULE OF SPECIAL INSPECTION SERVICES APPLICABLE TO THIS PROJECT, THE NAME OF THE SPECIAL INSPECTOR, THE IDENTITY OF OTHER APPROVED AGENCIES RETAINED FOR CONDUCTING SPECIAL INSPECTIONS, AND THE REQUIRED INSPECTOR QUALIFICATIONS. THIS STATEMENT OF SPECIAL INSPECTIONS WAS PREPARED BY THE FOLLOWING DESIGNERS OF RECORD:

STRUCTURAL Delaney T. Ortiz, PE, SE
(Type or print name) (Signature) (Date)

ARCHITECTURAL Robert C. Stevenson, AIA
(Type or print name) (Signature) (Date)

MECHANICAL Jeff Elliott, PE
(Type or print name) (Signature) (Date)

OTHER
(Type or print name) (Signature) (Date)

THE SPECIAL INSPECTOR MUST KEEP RECORDS OF ALL SPECIAL INSPECTIONS AND TESTS AND MUST FURNISH REPORTS TO THE STATE CONSTRUCTION OFFICE AND THE DESIGNERS OF RECORD. REPORTS MUST INDICATE IF THE WORK INSPECTED OR TESTED WAS OR WAS NOT COMPLETED IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS. DISCOVERED DISCREPANCIES MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF SUCH DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICAL AND THE DESIGNERS OF RECORD. THE SPECIAL INSPECTIONS PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITIES.

INTERIM REPORTS MUST BE SUBMITTED TO THE BUILDING OFFICAL, OWNER, AND THE DESIGNERS OF RECORD.

INTERIM REPORT FREQUENCY: MONTHLY

A FINAL REPORT OF SPECIAL INSPECTIONS DOCUMENTING COMPLETION OF ALL REQUIRED SPECIAL INSPECTIONS, TESTING, AND CORRECTION OF ANY DISCREPANCIES SHOULD BE SUBMITTED PRIOR TO ISSUANCE OF A CERTIFICATE OF USE AND OCCUPANCY.

JOB SITE SAFETY AND MEANS AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

OWNER'S AUTHORIZATION

(Signature) (Date)

ACCEPTED FOR THE BUILDING OFFICIAL BY:

(Signature) (Date)

SCHEDULE OF SPECIAL INSPECTION SERVICES [A]

THE FOLLOWING COMPRISES THE REQUIRED SCHEDULE OF SPECIAL INSPECTIONS FOR THIS PROJECT. THE CONSTRUCTION DIVISIONS WHICH REQUIRE SPECIAL INSPECTIONS FOR THIS PROJECT ARE AS FOLLOWS.

- [X] STRUCTURAL STEEL & HIGH STRENGTH BOLTING
- [X] WELDING OF STRUCTURAL STEEL
- [X] COLD-FORMED STEEL DECK
- [X] OPEN-WEB STEEL JOISTS & JOIST GIRDERS
- [X] COLD-FORMED STEEL FRAMING
- [X] CONCRETE CONSTRUCTION
- [X] MASONRY CONSTRUCTION [B]
- [ ] WOOD CONSTRUCTION
- [X] SOILS
- [ ] DRIVEN DEEP FOUNDATIONS
- [ ] CAST-IN-PLACE DEEP FOUNDATIONS
- [ ] HELICAL PILE FOUNDATIONS
- [ ] RAMMED AGGREGATE PIERS & STONE COLUMNS
- [ ] SPRAYED FIRE-RESISTANT MATERIAL
- [ ] MASTIC & INTUMESCENT FIRE-RESISTANT COATINGS
- [ ] EXTERIOR INSULATION & FINISH SYSTEM
- [X] FIRE-RESISTANT PENETRATIONS & JOINTS
- [ ] SMOKE CONTROL
- [ ] RETAINING WALL & SYSTEMS > 5 FEET
- [ ] SPECIAL INSPECTIONS FOR WIND RESISTANCE
- [ ] SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE

A. THE INSPECTION FREQUENCY INDICATED ON THE FOLLOWING INSPECTION TABLES ARE "C" CONTINUOUS, "P" PERIODIC, & "O" RANDOM ON A DAILY BASIS.
B. LEVEL A IS THE MINIMUM INSPECTION PROGRAM FOR EMPIRICALLY / PRESCRIPTIVELY DESIGNED MASONRY IN RISK CATEGORY I, II OR III STRUCTURES. LEVEL B IS THE MINIMUM INSPECTION PROGRAM FOR EMPIRICALLY / PRESCRIPTIVELY DESIGNED MASONRY IN RISK CATEGORY IV STRUCTURES AND ENGINEERED MASONRY IN RISK CATEGORY I, II OR III STRUCTURES. LEVEL C IS THE MINIMUM INSPECTION PROGRAM FOR ENGINEERED MASONRY IN RISK CATEGORY IV STRUCTURES. ENGINEERED MASONRY STRUCTURES ARE THOSE DESIGNED IN ACCORDANCE WITH PORTIONS OF THE TMS 402-13 / ACI 530-13/ASCE 5-13 OTHER THAN PART 4 OR APPENDIX A.

	INSPECTION AGENTS	FIRM NAME & POINT OF CONTACT	ADDRESS / PHONE / E-MAIL
1.	SPECIAL INSPECTOR (SI-1)		
2.	TESTING AGENCY (TA-1)		
3.	TESTING AGENCY (TA-2)		
4.	GEOTECHNICAL ENGINEER (GE-1)		
5.	OTHER (O-1)		

NOTE: THE INSPECTION AND TESTING AGENT(S) MUST BE ENGAGED BY THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL OF RECORD ACTING AS THE OWNER'S AGENT, AND NOT BY THE CONTRACTOR OR SUBCONTRACTOR WHOSE WORK IS TO BE INSPECTED OR TESTED. ANY CONFLICT OF INTEREST MUST BE DISCLOSED TO THE BUILDING OFFICAL, PRIOR TO COMMENCING WORK.

SEISMIC DESIGN CATEGORY: [ ] A [X] B [ ] C [ ] D

BASIC WIND SPEED (V_{ASD}): [X] 90-109 MPH [ ] 110-119 MPH [ ] >120 MPH

WIND EXPOSURE CATEGORY: [ ] B [X] C [ ] D

OPEN-WEB STEEL JOISTS AND JOISTS GIRDERS

	INSPECTION TASK	TASK REQD	FREQ	REFERENCE FOR CRITERIA: STANDARD	REFERENCE FOR CRITERIA: NCBC
1.	FABRICATOR CERTIFICATION / VERIFICATION OF QUALITY CONTROL PROCEDURES				
a.	VERIFY FABRICATOR QUALIFICATIONS	X	C		1704.2.5.1
b.	COLLECT CERTIFICATE OF COMPLIANCE FROM STEEL JOIST PRODUCER AT COMPLETION OF MANUFACTURE	X	C		1704.2, 2207.5
2.	OBSERVE BOLTED AND WELDED JOIST END CONNECTIONS	X	P	SJI-K 5.3, 5.6, SJI-LH/DLH 104.4, 104.7, SJI-JG 1004.4, 1004.6, SJI-CJ 104.4, 104.7	TBL 1705.2.3
3.	VERIFY SIZE, SPACING AND CONNECTION OF STANDARD HORIZONTAL AND DIAGONAL BRIDGING	X	P	SJI-K 5.4, SJI-LH/DLH 104.5, SJI-JG 1004.5, 1004.9, SJI-CJ 104.5	TBL 1705.2.3
4.	VERIFY SIZE, SPACING AND CONNECTION OF BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED BY PART 2207.1 OF THE NCBC	X	P		TBL 1705.2.3

STRUCTURAL STEEL AND HIGH-STRENGTH BOLTING

	INSPECTION TASK	TASK REQD	FREQ	REFERENCE FOR CRITERIA: AISC 360	REFERENCE FOR CRITERIA: NCBC
1.	FABRICATOR CERTIFICATION / VERIFICATION OF QUALITY CONTROL PROCEDURES				
a.	VERIFY FABRICATOR QUALIFICATIONS	X	C		1704.2.5.1
b.	REVIEW MATERIAL TEST REPORTS & CERTIFICATIONS	X	C	N5.2	
c.	COLLECT CERTIFICATES OF COMPLIANCE FROM THE STEEL FABRICATOR AT COMPLETION OF FABRICATION	X	C		1704.5
2.	INSPECTIONS PRIOR TO HIGH-STRENGTH BOLTING AT PRETENSIONED AND SLIP-CRITICAL JOINTS				
a.	COLLECT MANUFACTURER'S CERTIFICATIONS FOR FASTENER MATERIALS	X	C	TBL N5.6-1	
b.	FASTENERS ARE MARKED PER ASTM REQUIREMENTS	X	P	TBL N5.6-1	
c.	ENSURE CORRECT FASTENERS AND BOLTING PROCEDURES ARE SELECTED FOR JOINT DETAILS	X	P	TBL N5.6-1	
d.	VERIFY CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION WHEN SPECIFIED, COMPLY WITH THE CONSTRUCTION DOCUMENTS	X	P	TBL N5.6-1	
e.	OBSERVE AND DOCUMENT PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONAL FOR FASTENER ASSEMBLIES AND METHODS	X	P	TBL N5.6-1	
f.	VERIFY PROPER STORAGE PROVIDED FOR ALL FASTENER COMPONENTS	X	P	TBL N5.6-1	
3.	INSPECTIONS DURING HIGH-STRENGTH BOLTING AT PRETENSIONED AND SLIP-CRITICAL JOINTS				
a.	ENSURE CORRECT FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS, WHEN SPECIFIED, ARE POSITIONED AS REQUIRED	X	P	TBL N5.6-2	
b.	VERIFY JOINT BROUGHT TO SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING	X	P	TBL N5.6-2	
c.	VERIFY FASTENER COMPONENTS NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	X	P	TBL N5.6-2	
d.	ENSURE FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH RCSC, PROGRESSING FROM THE MOST RIGID POINT TOWARDS FREE EDGES	X	P	TBL N5.6-2	
4.	DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS AFTER HIGH-STRENGTH BOLTING IS COMPLETE	X	C	TBL N5.6-3	
5.	STRUCTURAL DETAILS				
a.	VERIFY DIAMETER, GRADE, TYPE AND LENGTH OF ANCHOR RODS AND OTHER EMBEDDED ITEMS SUPPORTING STRUCTURAL STEEL	X	P	N5.7	
b.	INSPECTION OF FABRICATED ASSEMBLIES & ERECTED STEEL FRAMING VERIFYING COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS	X	P	N5.7	
6.	COMPOSITE CONSTRUCTION				
a.	VERIFY PLACEMENT & INSTALLATION OF STEEL DECK	[ ]	P	TBL N6.1	
b.	OBSERVE PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	[ ]		TBL N6.1	
c.	DOCUMENT ACCEPTANCE OR REJECTION OF COMPOSITE CONSTRUCTION ELEMENTS	[ ]	P	TBL N6.1	

WELDING OF STRUCTURAL STEEL

	INSPECTION TASK	TASK REQD	FREQ	REFERENCE FOR CRITERIA: AISC 360	REFERENCE FOR CRITERIA: NCBC
1.	INSPECTIONS PRIOR TO WELDING			N5.4	
a.	COLLECT & REVIEW WELDING PROCEDURE SPECIFICATION (WPS) AND VERIFY MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES	X	C	TBL N5.4-1	
b.	CONFIRM WELD MATERIAL TYPE & GRADE	X	P	TBL N5.4-1	
c.	CONFIRM METHOD OF WELDER IDENTIFICATION	X	P	TBL N5.4-1	
d.	INSPECTION OF FIT-UP FOR GROOVE & FILLET WELDS INCLUDING ACCESS HOLE CONFIGURATION & FINISH	X	P	TBL N5.4-1	
2.	INSPECTIONS DURING WELDING			N5.4	
a.	VERIFY WELDER QUALIFICATIONS	X	P	TBL N5.4-2	
b.	VERIFY PROPER CONTROL AND HANDLING OF WELDING CONSUMABLES	X	P	TBL N5.4-2	
c.	MONITOR ENVIRONMENTAL CONDITIONS	X	P	TBL N5.4-2	
d.	MONITOR PROPER IMPLEMENTATION OF WPS	X	P	TBL N5.4-2	
e.	INSPECTION OF WELDING TECHNIQUES INCLUDING NO WELDING OVER CRACKED TACK WELDS	X	P	TBL N5.4-2	
3.	INSPECTIONS AFTER WELDING			N5.4, N5.5	
a.	VERIFY WELDS HAVE BEEN CLEANED	X	P	TBL N5.4.3	
b.	CONFIRM THE INSTALLED SIZE, LENGTH AND LOCATION OF WELDS MATCHES THE CONTRACT DOCUMENTS	X	C	TBL N5.4.3	
c.	VERIFY WELDS MEET VISUAL ACCEPTANCE CRITERIA	X	C	TBL N5.4.3	
d.	CONFIRM ARC STRIKES COMPLY WITH PART 5.28 OF AWS D1.1	X	C	TBL N5.4.3	
e.	VISUALLY OBSERVE WEB K-AREA FOR CRACKS WITHIN 3" OF WELDED DOUBLER PLATES, CONTINUITY PLATES AND STIFFENERS	X	C	TBL N5.4.3	
f.	BACKING AND WELD TABS REMOVED PER CONTRACT DOCUMENTS	X	C	TBL N5.4.3	
g.	OBSERVE AND INSPECT WELD REPAIR ACTIVITIES	X	C	TBL N5.4.3	
h.	FOR RISK CATEGORY III OR IV STRUCTURES, CONDUCT ULTRASONIC TESTING (UT) OF CJP GROOVE WELDS IN MATERIALS ≥ 5/16" AT BUTT, T- AND CORNER JOINTS SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING	X	C	N5.5B, N5.5E	
i.	FOR RISK CATEGORY II STRUCTURES, CONDUCT ULTRASONIC TESTING (UT) OF CJP GROOVE WELDS IN MATERIALS ≥ 5/16" AT BUTT, T- AND CORNER JOINTS SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING	[ ]	P	N5.5.B, N5.5F	
j.	CONDUCT MAGNETIC PARTICLE TESTING (MT) OR LIQUID PENETRANT TESTING (PT) AT THERMALLY CUT SURFACES OF ACCESS HOLES FOR ROLLED SECTION WITH TF > 2" AND BUILT-UP SHAPE WITH TW > 2"	[ ]	C	N5.5C	
k.	RADIOGRAPHIC OR ULTRASONIC INSPECTION AT JOINTS SUBJECT TO FATIGUE	[ ]	C	N5.5D, TBL A-3.1	
l.	DOCUMENT ACCEPTANCE / REJECTION OF WELDED JOINTS AND MEMBERS	X	C	TBL N5.4-3, N5.5G	

COLD-FORMED STEEL DECK

	INSPECTION TASK	TASK REQD	FREQ	REFERENCE FOR CRITERIA: SDI QA/QC	REFERENCE FOR CRITERIA: NCBC
1.	PRIOR TO DECK PLACEMENT, VERIFY DECK AND DECK ACCESSORIES COMPLY WITH THE CONSTRUCTION DOCUMENTS	X	C	TBL 1.1	
2.	INSPECTION TASKS AFTER DECK PLACEMENT				
a.	VERIFY THE INSTALLATION OF DECK & DECK ACCESSORIES COMPLIES WITH THE CONSTRUCTION DOCUMENTS	X	C	TBL 1.2	
b.	VERIFY THAT DECK MATERIALS' MILL CERTIFICATIONS COMPLY WITH THE CONSTRUCTION DOCUMENTS	X	C	TBL 1.2	
3.	INSPECTION TASKS PRIOR TO DECK WELDING				
a.	COLLECT WELDING PROCEDURE SPECIFICATION (WPS)	X	P	TBL 1.3	
b.	COLLECT MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES	X	P	TBL 1.3	
c.	VERIFY MATERIAL TYPE AND GRADE	X	P	TBL 1.3	
d.	CHECK WELDING EQUIPMENT	X	P	TBL 1.3	
4.	INSPECTION TASKS DURING DECK WELDING				
a.	VERIFY WELDER QUALIFICATIONS	X	P	TBL 1.4	
b.	VERIFY PROPER CONTROL AND HANDLING OF WELDING CONSUMABLES	X	P	TBL 1.4	
c.	MONITOR ENVIRONMENTAL CONDITIONS	X	P	TBL 1.4	
d.	MONITOR PROPER IMPLEMENTATION OF WPS	X	P	TBL 1.4	
5.	INSPECTION TASKS AFTER WELDING				
a.	VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP AND PERIMETER WELDS	X	C	TBL 1.5	
b.	VERIFY WELDS MEET VISUAL ACCEPTANCE CRITERIA	X	C	TBL 1.5	
c.	OBSERVE WELD REPAIR ACTIVITIES	X	C	TBL 1.5	
6.	INSPECTION TASKS PRIOR TO MECHANICAL FASTENING				
a.	VERIFY MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS	X	P	TBL 1.6	
b.	PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION	X	P	TBL 1.6	
c.	VERIFY PROPER STORAGE OF MECHANICAL FASTENERS	X	P	TBL 1.6	
7.	INSPECTION TASKS DURING MECHANICAL FASTENING				
a.	OBSERVE FASTENER SPACING AND POSITION	X	P	TBL 1.7	
b.	VERIFY FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS	X	P	TBL 1.7	
8.	INSPECTION TASKS AFTER MECHANICAL FASTENING				
a.	CHECK SPACING, TYPE AND INSTALLATION OF SUPPORT FASTENERS	X	C	TBL 1.8	
b.	CHECK SPACING, TYPE, AND INSTALLATION OF SIDELAP FASTENERS	X	C	TBL 1.8	
c.	CHECK SPACING, TYPE, AND INSTALLATION OF PERIMETER FASTENERS	X	C	TBL 1.8	
d.	VERIFY REPAIR ACTIVITIES	X	C	TBL 1.8	
9.	DOCUMENT ACCEPTANCE OR REJECTION OF DECK & DECK ACCESSORIES FOR ALL PHASES OF CONSTRUCTION	X	C	TBLS 1.1 THRU 1.8	

CONCRETE CONSTRUCTION

	INSPECTION TASK	TASK REQD	FREQ	REFERENCE FOR CRITERIA: STANDARD [A]	REFERENCE FOR CRITERIA: NCBC
1.	INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	X	P	ACI CH.20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2.	REINFORCING BAR WELDING:			AWS D1.4	
a.	VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706 AND COLLECT REPORTS	X	P	ACI 26.6.4	1704.5
b.	INSPECT SINGLE-PASS FILLET WELDS ≤ 5/16"	X	P	ACI 26.6.4	
c.	INSPECT ALL WELDS OTHER THAN SINGLE-PASS FILLET WELDS ≤ 5/16"	X	C	ACI 26.6.4	
3.	CONCRETE ANCHORS:				
a.	INSPECT ANCHORS CAST IN CONCRETE	X	P	ACI 17.8.2	
b.	INSPECT ADHESIVE ANCHORS INSTALLED IN HARDENED CONCRETE WITH HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS THAT RESIST SUSTAINED TENSION LOADS	X	C	ACI 17.8.2.4	
c.	INSPECT ADHESIVE ANCHORS INSTALLED IN HARDENED CONCRETE WITH ORIENTATIONS DIFFERENT FROM ITEM 3.B	X	P	ACI 17.8.2	
d.	INSPECT MECHANICAL ANCHORS INSTALLED IN HARDENED CONCRETE	X	P	ACI 17.8.2	
4.	COLLECT MIX DESIGNS AND VERIFY THE CORRECT MIX USED DURING INSTALLATION	X	P	ACI CH 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
5.	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	C	ASTM C172, ASTM C31, ACI 26.4, 26.12	1908.10
6.	INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	C	ACI 26.5	1908.6, 1908.7, 1908.8
7.	COLLECT REPORTS OF PRECONSTRUCTION TESTS FOR SHOTCRETE WHEN PRECONSTRUCTION TESTS ARE REQUIRED BY NCBC SECTION 1908.4	[ ]	C		1704.5, 1908.5
8.	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	X	P	ACI 26.5.3-26.5.5	1908.9
9.	INSPECTIONS FOR PRESTRESSED CONCRETE				
a.	OBSERVE APPLICATION OF PRESTRESSING FORCE	[ ]	C	ACI 26.10	
b.	INSPECT GROUTING OF BONDED PRESTRESSING TENDONS	[ ]	C	ACI 26.10	
10.	VERIFY CONCRETE STRENGTH PRIOR TO STRESSING OF PT TENDONS AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM PT & MILD BEAMS AND STRUCTURAL SLABS	[ ]	P	ACI 26.11.2	
11.	INSPECT ERECTION OF PRECAST MEMBERS	[ ]	P	ACI 26.8	
12.	INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	X	P	ACI 26.11.1.2(B)	
13.	COLLECT MILL TEST REPORTS FOR ASTM A615 REBAR USED BY SFRS SPECIAL MOMENT FRAMES, SPECIAL STRUCTURAL WALLS OR COUPLING BEAMS	[ ]	C	ACI 20.2.2.5	1704.5

A. REFERENCES TO "ACI" IN THIS TABLE ARE TO THE ACI 318-14.

FIRE-RESISTANT PENETRATIONS AND JOINTS [A]

	INSPECTION TASK	TASK REQD	FREQ	REFERENCE FOR CRITERIA: STANDARD	REFERENCE FOR CRITERIA: NCBC
1.	INSPECT THROUGH-PENETRATION FIRESTOP SYSTEMS AT FIRE WALLS, FIRE BARRIERS, SMOKE BARRIERS AND FIRE PARTITION WALLS IN ACCORDANCE WITH ASTM E2174	X	P		1705.17.1, 714.3.1.2
2.	INSPECT PENETRATION FIRESTOP SYSTEMS AT PENETRATIONS THROUGH MEMBRANES THAT ARE PART OF A HORIZONTAL ASSEMBLY IN ACCORDANCE WITH ASTM E2174	X	P		1705.17.1, 714.4.2
3.	INSPECT FIRE-RESISTANT JOINT SYSTEMS IN ACCORDANCE WITH ASTM 2393	X	P		1705.17.2, 715.3, 715.4

A. THE INSPECTION OF FIRE-RESISTANT PENETRATIONS AND JOINTS APPLIES ONLY TO HIGH-RISE BUILDINGS OR BUILDINGS ASSIGNED TO RISK CATEGORY III OR IV.

MASONRY - LEVEL B

	INSPECTION TASK	TASK REQD	FREQ	REFERENCE FOR CRITERIA: TMS 402A	REFERENCE FOR CRITERIA: TMS 602A
1.	TEST & VERIFY SLUMP FLOW & VISUAL STABILITY INDEX AS DELIVERED TO SITE FOR SELF-CONSOLIDATING GROUT	[ ]	C	TBL 3.1.2	ART. 1.5B.1.B.3
2.	TEST & VERIFY F'M & F'AAC PRIOR TO CONSTRUCTION	X	C	TBL 3.1.2	ART. 1.4B
3.	VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS	X	P	TBL 3.1.2	ART. 1.5
4.	AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
a.	PROPORTIONS OF SITE-PREPARED MORTAR	X	P		ART. 2.1, 2.6A
b.	CONSTRUCTION OF MORTAR JOINTS	X	P		ART. 3.3B
c.	GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES	[ ]	P		ART. 2.4B, 2.4H
d.	LOCATION OF REINFORCEMENT, CONNECTORS AND PRESTRESSING TENDONS AND ANCHORAGES	X	P		ART. 3.4, 3.6A
e.	PRESTRESSING TECHNIQUE	[ ]	P		ART. 3.6B
f.	TEST & VERIFY F'M & F'AAC PRIOR TO CONSTRUCTION	X	C/P[A]		ART. 2.1C
5.	PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING COMPLY:	X			
a.	GROUT SPACE IS CLEAN, AND CLEANOUTS PROVIDED WHEN REQUIRED	X	P		ART. 3.2D, 3.2F
b.	GRADE, TYPE & SIZE OF REINFORCEMENT & ANCHOR BOLTS, & PRESTRESSING TENDONS & ANCHORAGE	X	P	SEC 6.1	ART. 2.4, 3.4
c.	PLACEMENT OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGE	X	P	SEC 6.1, 6.2.1 ,6.2.6, 6.2.7	ART. 3.2E, 3.4, 3.6A
d.	PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	X	P		ART. 2.6B, 2.4G.1.B
e.	CONSTRUCTION AND SIZE OF MORTAR JOINTS	X	P		ART. 3.3B
6.	VERIFY DURING CONSTRUCTION:				
a.	SIZE AND LOCATION OF STRUCTURAL ELEMENTS	X	P		ART. 3.3F
b.	TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	X	P	SEC1.2.1(E), 6.1.4.3, 6.2.1	
c.	WELDING OF REINFORCEMENT	[ ]	C	SEC 8.1.6.7.2, 9.3.3.4(C), 11.3.3.4(B)	
d.	PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE < 40°F) OR HOT WEATHER (TEMPERATURE > 90°F)	X	P		ART. 1.8C, 1.8D
e.	APPLICATION & MEASUREMENT OF PRESTRESS FORCE	[ ]	C		ART. 3.6B
f.	VERIFY PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	X	C		ART. 3.5. 3.6C
g.	PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	[ ]	C/P[A]		ART. 3.3B.9, 3.3F.1.B
7.	OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND OR PRISMS	X	P		ART. 1.4.B.2.A.3, 1.4.B.2.B.3, 1.4.B.2.C.3, 1.4.B.3, 1.4.B.4

A. REFERENCES TO "TMS402" IN THIS TABLE ARE TO THE TMS402/ACI530/ASCE5-13. REFERENCES TO "TMS602" ARE TO TMS602/ACI530.1/ASCE6-13.
B. AAC MASONRY MUST BE CONTINUOUSLY INSPECTED FOR THE FIRST 5000-SQUARE FEET AND PERIODICALLY INSPECTED AFTERWARDS.

SOILS

	INSPECTION TASK	TASK REQD	FREQ	REFERENCE FOR CRITERIA: STANDARD	REFERENCE FOR CRITERIA: NCBC
1.	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	X	P		1705.6
2.	VERIFY EXCAVATIONS EXTEND TO PROPER DEPTH AND HAVE REACHED THE CORRECT SOIL MATERIAL	X	P		1705.6
3.	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	X	P		1705.6
4.	VERIFY THAT MATERIALS USED, DENSITIES, LIFT THICKNESS AND PROCEDURES USED DURING PLACEMENT AND COMPACTION OF COMPACTED FILL ARE IN ACCORDANCE WITH THE APPROVED SOILS REPORT AND THE CONSTRUCTION DOCUMENTS	X	C		1705.6
5.	PRIOR TO PLACEMENT OF COMPACTED FILL, VERIFY THAT THE SUBGRADE HAS BEEN PREPARED IN ACCORDANCE WITH THE APPROVED SOILS REPORT AND THE CONSTRUCTION DOCUMENTS	X	P		1705.6

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LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

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SEALS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL C-4360 DELANEY T. ORTIZ

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035705 DELANEY T. ORTIZ

01/10/2025

DKA JOB NUMBER
2401

REVISIONS

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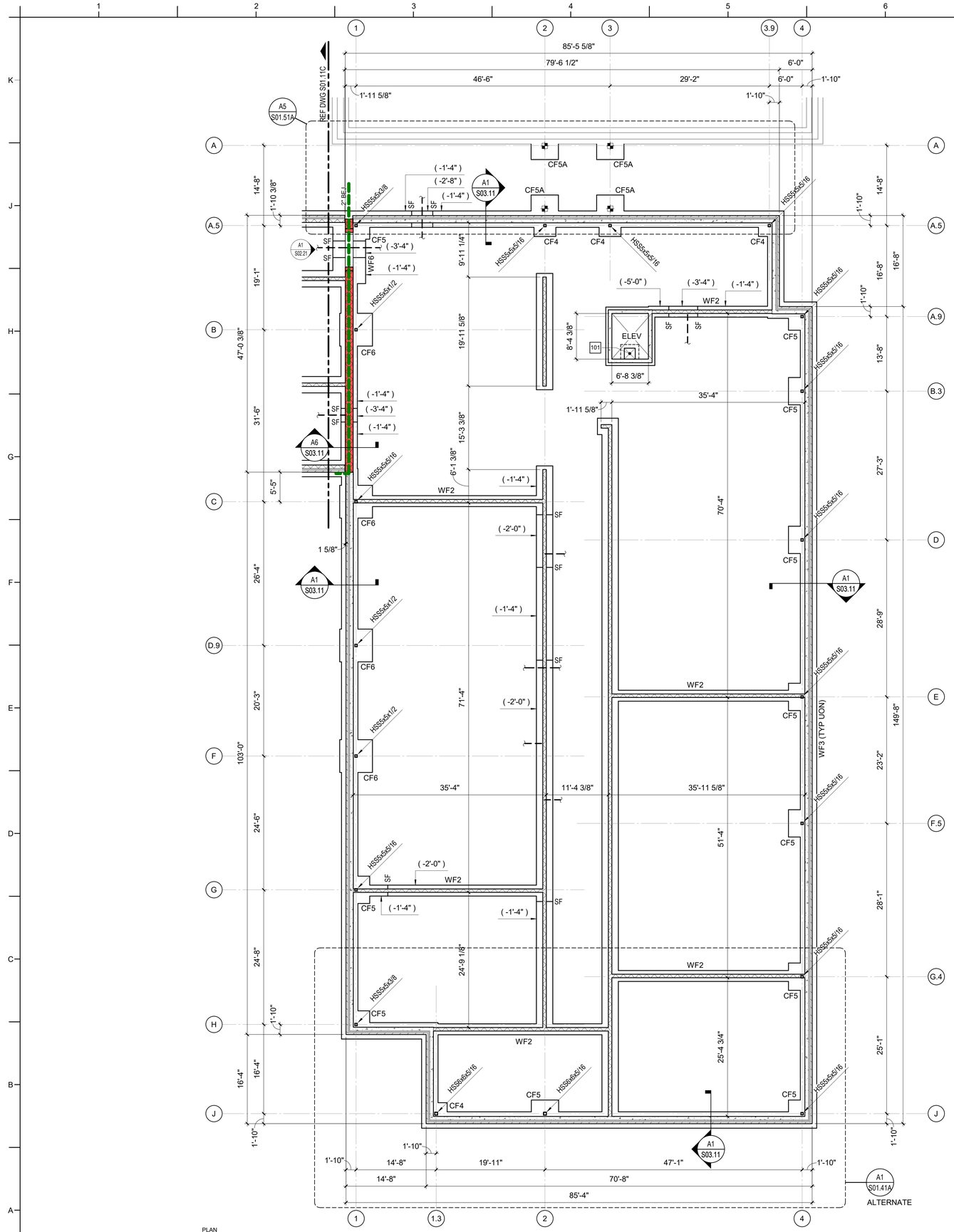
BID DOCUMENTS
01/10/2025

SHEET TITLE
SPECIAL INSPECTIONS NC 1

S00.03



PLAN NORTH

A2 FOUNDATION PLAN - AREA A

1/8" = 1'-0"

COLUMN FOOTING SCHEDULE

MARK	SIZE			REINFORCING	
	LENGTH	WIDTH	DEPTH	BOTTOM	TOP
CF4	4' - 0"	4' - 0"	1'-0"	(5) #5 EW	(5) #5 EW
CF5	5' - 0"	5' - 0"	1'-2"	(6) #5 EW	(6) #5 EW
CF5A	5' - 0"	5' - 0"	3'-0"	(7) #7 EW	(7) #7 EW
CF6	6' - 0"	6' - 0"	1'-6"	(7) #5 EW	(7) #5 EW

WALL FOOTING SCHEDULE

MARK	SIZE		REINFORCING	
	WIDTH	DEPTH	CONTINUOUS	TRANSVERSE
WF2	2' - 0"	1'-0"	(3) #5 BOT	#5 AT 24" OC BOT
WF3	3' - 0"	1'-0"	(4) #5 BOT	#5 AT 24" OC BOT
WF5	5' - 0"	1'-6"	(6) #6 BOT	#6 AT 12" OC BOT
WF6	6' - 0"	1'-6"	(7) #6 TOP & BOT	#6 AT 12" OC TOP & BOT

FOUNDATION PLAN NOTES

A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.

B. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131.14'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.

C. TOP OF ALL FOOTINGS MUST BE AT ELEVATION -1'-4" UNLESS OTHERWISE NOTED.

D. NOT ALL UTILITY LOCATIONS ARE SHOWN ON PLAN. THE CONTRACTOR MUST COORDINATE THE LOCATIONS, SIZES, AND INVERTS OF UTILITIES. AT LOCATIONS WHERE UTILITIES PASS BELOW THE TOP OF FOOTING ELEVATION, STEP THE TOP OF FOOTING DOWN ON EACH SIDE PER THE "TYPICAL STEPPED FOOTING DETAIL" AND SLEEVE THE UTILITY THROUGH THE FOUNDATION WALL. THE CONTRACTOR MAY, AT HIS/HER OPTION, SLEEVE THE UTILITY THROUGH THE FOUNDATION PER THE "TYPICAL PIPE SLEEVE AT WALL FOOTING DETAILS."

E. UNLESS OTHERWISE INDICATED, EXTEND WALL FOOTINGS A MINIMUM OF 6 INCHES BEYOND ENDS OF WALLS.

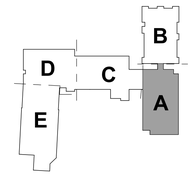
F. NOT ALL SITE WALLS ARE SHOWN ON PLAN. CONTRACTOR MUST COORDINATE CIVIL AND LANDSCAPE DRAWINGS FOR SITE WALL INFORMATION.

G. DIMENSIONS SHOWN ON FOUNDATION PLAN ARE TO COLUMN GRIDLINES AND OUTSIDE FACE OF WALL ASSEMBLY, UNLESS OTHERWISE NOTED.

H. DIMENSIONS TO ELEVATOR PIT FOR BIDDING PURPOSES ONLY. CONTRACTOR TO COORDINATE WITH EQUIPMENT PURCHASED.

KEY NOTES

101 2'-0 SQUARE SUMP PIT FOR ELEVATOR. REFERENCE TYPICAL DETAIL. COORDINATE LOCATION WITH PLUMBING DRAWINGS AND ELEVATOR MANUFACTURER.



KEY PLAN - 1ST FLOOR

NTS

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ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

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SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL 043601 C-4360 STRUCTURAL ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 035705 ENGINEER DELANEY T. ORTIZ

01/10/2025

DKA JOB NUMBER
2401

REVISIONS

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BID DOCUMENTS
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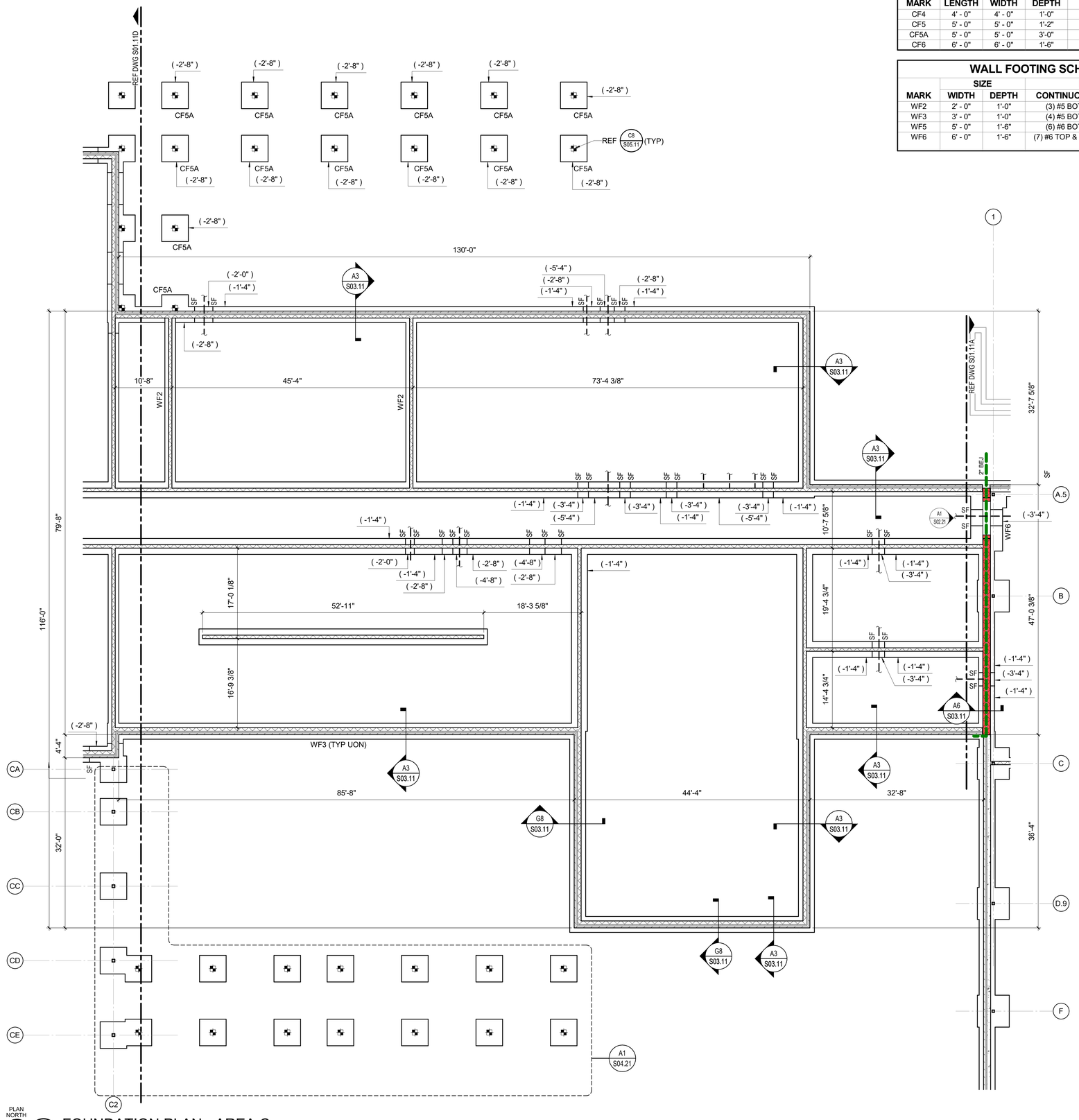
SHEET TITLE

FOUNDATION PLAN - AREA A

S01.11A



PLAN NORTH

A1 FOUNDATION PLAN - AREA C

1/8" = 1'-0"

COLUMN FOOTING SCHEDULE

MARK	SIZE LENGTH	SIZE WIDTH	SIZE DEPTH	REINFORCING BOTTOM	REINFORCING TOP
CF4	4' - 0"	4' - 0"	1'-0"	(5) #5 EW	(5) #5 EW
CF5	5' - 0"	5' - 0"	1'-2"	(6) #5 EW	(6) #5 EW
CF5A	5' - 0"	5' - 0"	3'-0"	(7) #7 EW	(7) #7 EW
CF6	6' - 0"	6' - 0"	1'-6"	(7) #5 EW	(7) #5 EW

WALL FOOTING SCHEDULE

MARK	SIZE WIDTH	SIZE DEPTH	REINFORCING CONTINUOUS	REINFORCING TRANSVERSE
WF2	2' - 0"	1'-0"	(3) #5 BOT	#5 AT 24" OC BOT
WF3	3' - 0"	1'-0"	(4) #5 BOT	#5 AT 24" OC BOT
WF5	5' - 0"	1'-6"	(6) #6 BOT	#6 AT 12" OC BOT
WF6	6' - 0"	1'-6"	(7) #6 TOP & BOT	#6 AT 12" OC TOP & BOT

FOUNDATION PLAN NOTES

A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.

B. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131.14'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.

C. TOP OF ALL FOOTINGS MUST BE AT ELEVATION -1'-4" UNLESS OTHERWISE NOTED.

D. NOT ALL UTILITY LOCATIONS ARE SHOWN ON PLAN. THE CONTRACTOR MUST COORDINATE THE LOCATIONS, SIZES, AND INVERTS OF UTILITIES. AT LOCATIONS WHERE UTILITIES PASS BELOW THE TOP OF FOOTING ELEVATION, STEP THE TOP OF FOOTING DOWN ON EACH SIDE PER THE "TYPICAL STEPPED FOOTING DETAIL" AND SLEEVE THE UTILITY THROUGH THE FOUNDATION WALL. THE CONTRACTOR MAY, AT HIS/HER OPTION, SLEEVE THE UTILITY THROUGH THE FOUNDATION PER THE "TYPICAL PIPE SLEEVE AT WALL FOOTING DETAILS."

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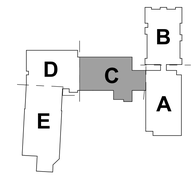
G. DIMENSIONS SHOWN ON FOUNDATION PLAN ARE TO COLUMN GRIDLINES AND OUTSIDE FACE OF WALL ASSEMBLY, UNLESS OTHERWISE NOTED.

H. DIMENSIONS TO ELEVATOR PIT FOR BIDDING PURPOSES ONLY. CONTRACTOR TO COORDINATE WITH EQUIPMENT PURCHASED.

KEY NOTES



KEY PLAN - 1ST FLOOR

NTS

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ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

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NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL C-4360 MATTHEW D. LYNCH STRUCTURAL ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 035705 ENGINEER DELANEY T. OSTER

01/10/2025

DKA JOB NUMBER

2401

REVISIONS

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01/10/2025

SHEET TITLE

FOUNDATION PLAN - AREA C

S01.11C

MAT FOOTING SCHEDULE

MARK	DEPTH	REINFORCING		REMARKS
		BOTTOM	TOP	
MF1	1'-6"	#6 AT 12" OC EW	#6 AT 12" OC EW	-
MF1	1'-6"	#6 AT 12" OC EW	#6 AT 12" OC EW	-

COLUMN FOOTING SCHEDULE

MARK	SIZE			REINFORCING	
	LENGTH	WIDTH	DEPTH	BOTTOM	TOP
CF4	4' - 0"	4' - 0"	1'-0"	(5) #5 EW	(5) #5 EW
CF5	5' - 0"	5' - 0"	1'-2"	(6) #5 EW	(6) #5 EW
CF5A	5' - 0"	5' - 0"	3'-0"	(7) #7 EW	(7) #7 EW
CF6	6' - 0"	6' - 0"	1'-6"	(7) #5 EW	(7) #5 EW

WALL FOOTING SCHEDULE

MARK	SIZE		REINFORCING	
	WIDTH	DEPTH	CONTINUOUS	TRANSVERSE
WF2	2' - 0"	1'-0"	(3) #5 BOT	#5 AT 24" OC BOT
WF3	3' - 0"	1'-0"	(4) #5 BOT	#5 AT 24" OC BOT
WF5	5' - 0"	1'-6"	(6) #6 BOT	#6 AT 12" OC BOT
WF6	6' - 0"	1'-6"	(7) #6 TOP & BOT	#6 AT 12" OC TOP & BOT

FOUNDATION PLAN NOTES

A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.

B. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131.14'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.

C. TOP OF ALL FOOTINGS MUST BE AT ELEVATION -1'-4" UNLESS OTHERWISE NOTED.

D. NOT ALL UTILITY LOCATIONS ARE SHOWN ON PLAN. THE CONTRACTOR MUST COORDINATE THE LOCATIONS, SIZES, AND INVERTS OF UTILITIES. AT LOCATIONS WHERE UTILITIES PASS BELOW THE TOP OF FOOTING ELEVATION, STEP THE TOP OF FOOTING DOWN ON EACH SIDE PER THE "TYPICAL STEPPED FOOTING DETAIL" AND SLEEVE THE UTILITY THROUGH THE FOUNDATION WALL. THE CONTRACTOR MAY, AT HIS/HER OPTION, SLEEVE THE UTILITY THROUGH THE FOUNDATION PER THE "TYPICAL PIPE SLEEVE AT WALL FOOTING DETAILS."

E. UNLESS OTHERWISE INDICATED, EXTEND WALL FOOTINGS A MINIMUM OF 6 INCHES BEYOND ENDS OF WALLS.

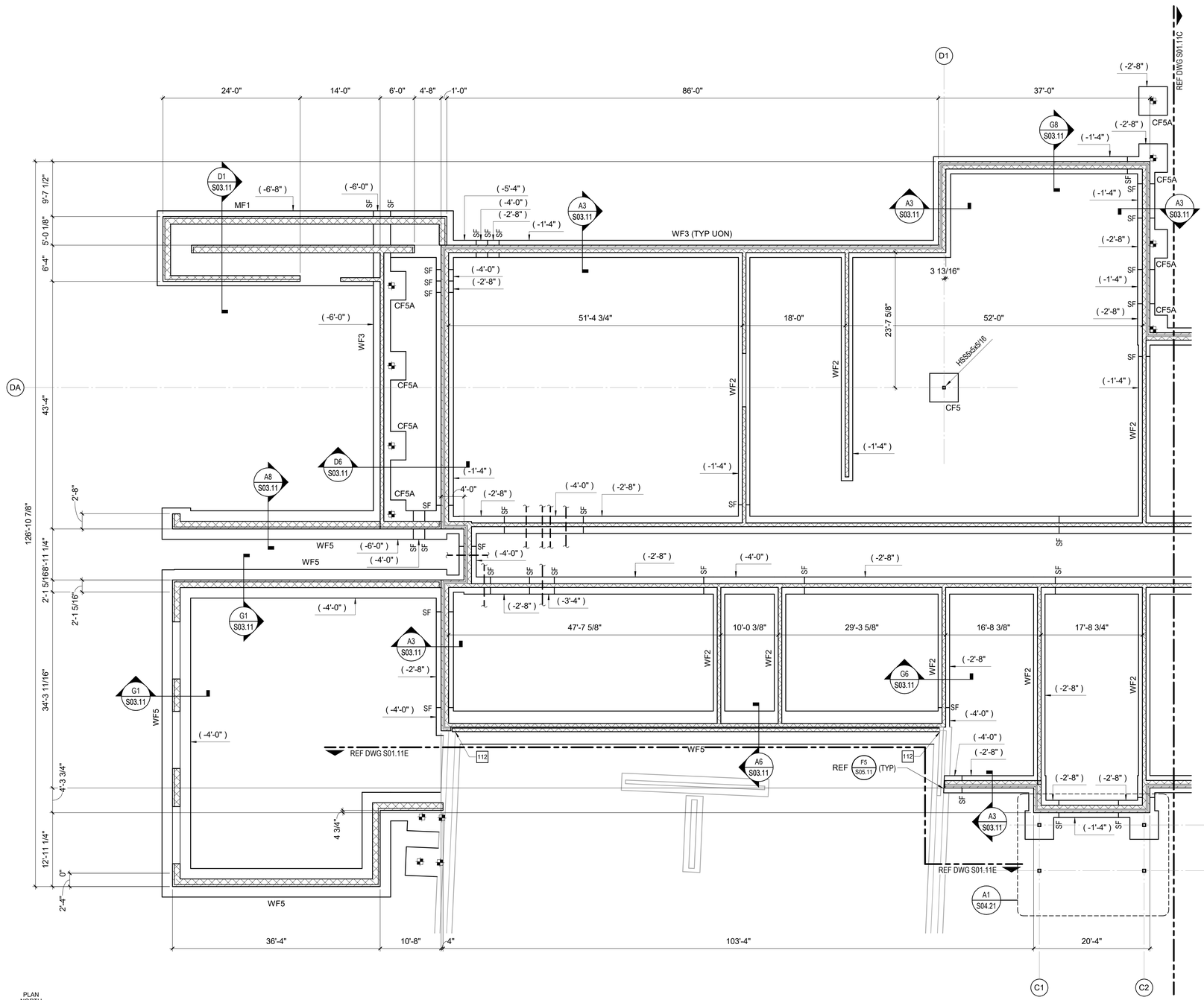
F. NOT ALL SITE WALLS ARE SHOWN ON PLAN. CONTRACTOR MUST COORDINATE CIVIL AND LANDSCAPE DRAWINGS FOR SITE WALL INFORMATION.

G. DIMENSIONS SHOWN ON FOUNDATION PLAN ARE TO COLUMN GRIDLINES AND OUTSIDE FACE OF WALL ASSEMBLY, UNLESS OTHERWISE NOTED.

H. DIMENSIONS TO ELEVATOR PIT FOR BIDDING PURPOSES ONLY. CONTRACTOR TO COORDINATE WITH EQUIPMENT PURCHASED.

KEY NOTES

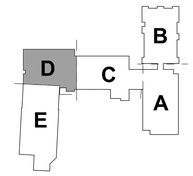
112 CUT COURSE NEW CMU WALL AT FOUNDATION LEVEL TO MATCH COURSING OF EXISTING CMU. TOOTH NEW WALL INTO CORNERS AND PROVIDE CONTINUOUS VERTICAL REINFORCING.



PLAN NORTH

A1 FOUNDATION PLAN - AREA D

1/8" = 1'-0"



KEY PLAN - 1ST FLOOR

NTS

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SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL C-4360 STRUCTURAL

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL 035705 ENGINEER DELANEY L ORTH

01/10/2025

DKA JOB NUMBER

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REVISIONS

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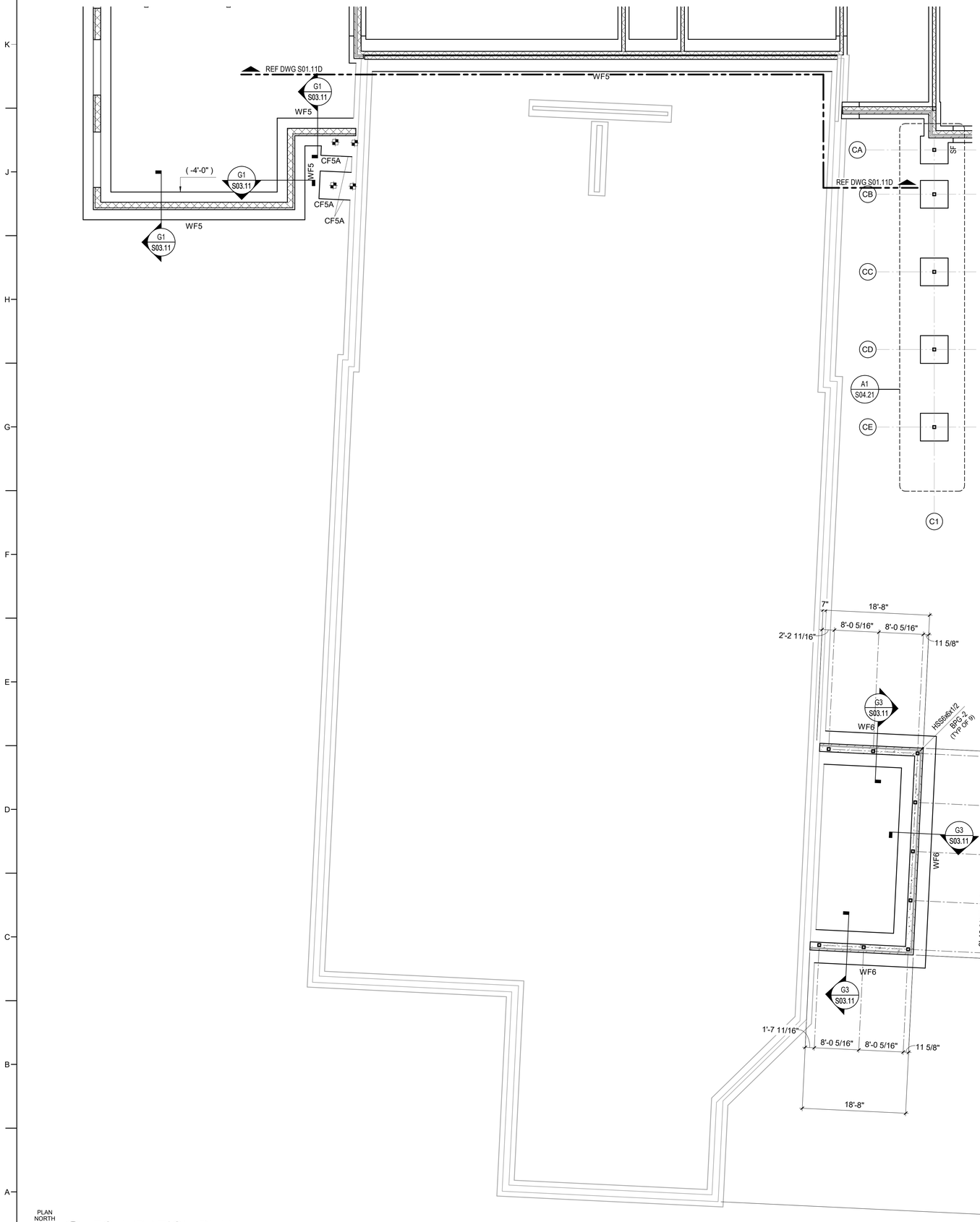
BID DOCUMENTS
01/10/2025

SHEET TITLE

FOUNDATION PLAN - AREA D

S01.11D



PLAN NORTH

A1 FOUNDATION PLAN

1/8" = 1'-0"

COLUMN FOOTING SCHEDULE

MARK	SIZE			REINFORCING	
	LENGTH	WIDTH	DEPTH	BOTTOM	TOP
CF4	4' - 0"	4' - 0"	1'-0"	(5) #5 EW	(5) #5 EW
CF5	5' - 0"	5' - 0"	1'-2"	(6) #5 EW	(6) #5 EW
CF5A	5' - 0"	5' - 0"	3'-0"	(7) #7 EW	(7) #7 EW
CF6	6' - 0"	6' - 0"	1'-6"	(7) #5 EW	(7) #5 EW

WALL FOOTING SCHEDULE

MARK	SIZE		REINFORCING	
	WIDTH	DEPTH	CONTINUOUS	TRANSVERSE
WF2	2' - 0"	1'-0"	(3) #5 BOT	#5 AT 24" OC BOT
WF3	3' - 0"	1'-0"	(4) #5 BOT	#5 AT 24" OC BOT
WF5	5' - 0"	1'-6"	(6) #6 BOT	#6 AT 12" OC BOT
WF6	6' - 0"	1'-6"	(7) #6 TOP & BOT	#6 AT 12" OC TOP & BOT

FOUNDATION PLAN NOTES

A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.

B. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131.14'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.

C. TOP OF ALL FOOTINGS MUST BE AT ELEVATION -1'-4" UNLESS OTHERWISE NOTED.

D. NOT ALL UTILITY LOCATIONS ARE SHOWN ON PLAN. THE CONTRACTOR MUST COORDINATE THE LOCATIONS, SIZES, AND INVERTS OF UTILITIES. AT LOCATIONS WHERE UTILITIES PASS BELOW THE TOP OF FOOTING ELEVATION, STEP THE TOP OF FOOTING DOWN ON EACH SIDE PER THE "TYPICAL STEPPED FOOTING DETAIL" AND SLEEVE THE UTILITY THROUGH THE FOUNDATION WALL. THE CONTRACTOR MAY, AT HIS/HER OPTION, SLEEVE THE UTILITY THROUGH THE FOUNDATION PER THE "TYPICAL PIPE SLEEVE AT WALL FOOTING DETAILS."

E. UNLESS OTHERWISE INDICATED, EXTEND WALL FOOTINGS A MINIMUM OF 6 INCHES BEYOND ENDS OF WALLS.

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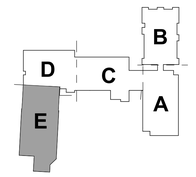
H. DIMENSIONS TO ELEVATOR PIT FOR BIDDING PURPOSES ONLY. CONTRACTOR TO COORDINATE WITH EQUIPMENT PURCHASED.

KEY NOTES



KEY PLAN - 1ST FLOOR

NTS

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.daviskane.com

PROJECT INFORMATION

lynchmykins CALCULATE. COLLABORATE. CREATE.
Structural Engineers
301 N. West Street, Suite 105
Raleigh, NC 27603
919.782.1833 - lynchmykins.com
LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL C-4360 MITCHELL STRUCTURAL ENGINEERS, P.A.

NORTH CAROLINA PROFESSIONAL SEAL 050705 ENGINEER DELANEY T. OATES

01/10/2025

DKA JOB NUMBER

2401

REVISIONS

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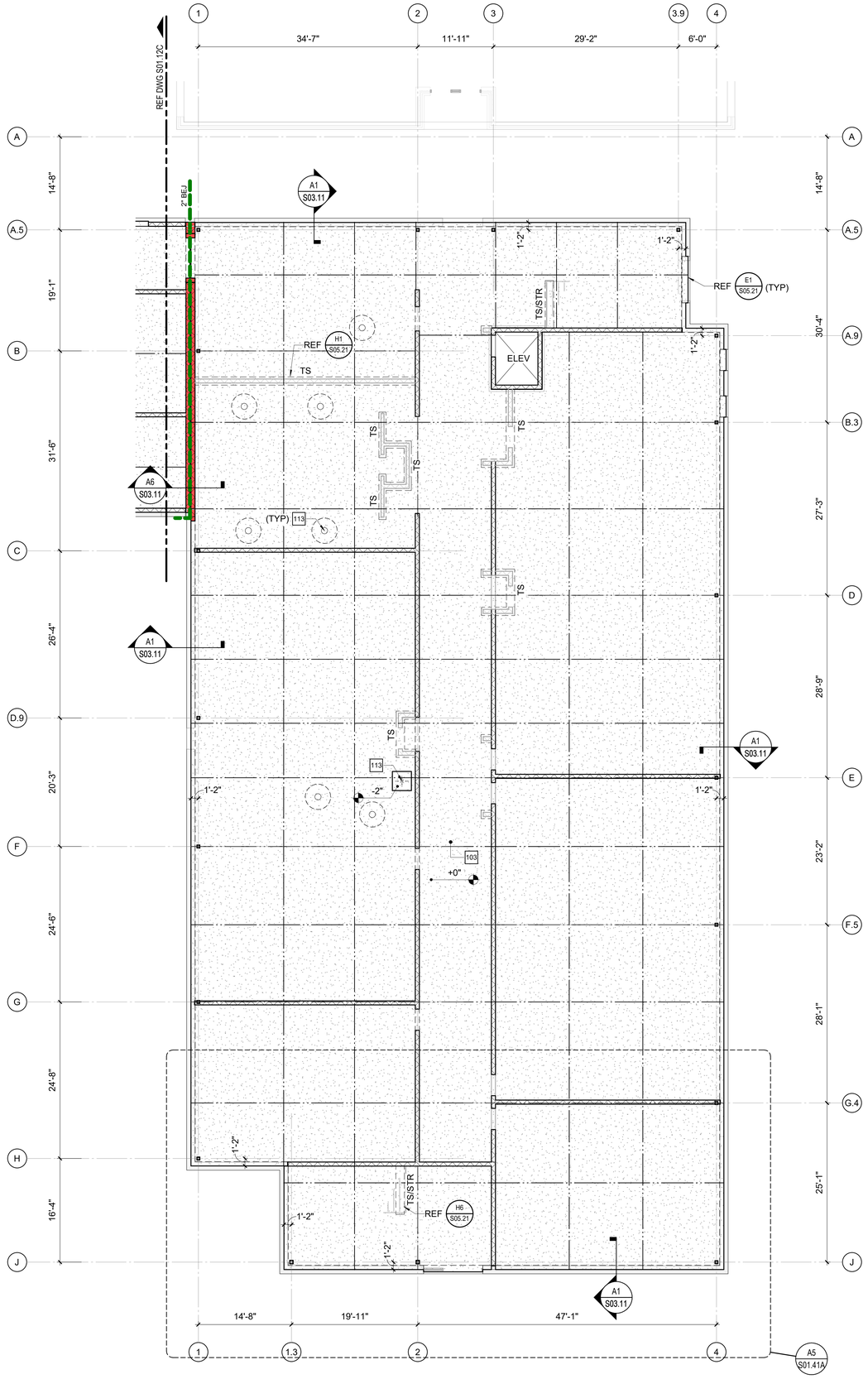
01/10/2025

SHEET TITLE

FOUNDATION PLAN - AREA E

S01.11E



PLAN NORTH

A2 1ST FLOOR SLAB PLAN - AREA A

1/8" = 1'-0"

SLAB PLAN NOTES

A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.

B. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131.14'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.

C. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LIMITS OF SLAB DEPRESSIONS AND OMITTED SLABS.

D. FLOOR SINKS AND DRAINS ARE NOT SHOWN ON PLAN. REFERENCE PME DRAWINGS FOR LOCATIONS.

E. REFERENCE CIVIL AND LANDSCAPE DRAWINGS FOR EXTERIOR CONCRETE SLABS AND PAVING.

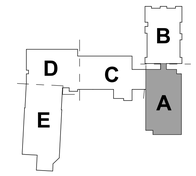
F. SLAB-ON-GRADE JOINTS MUST BE SAWED JOINTS OR KEYED CONSTRUCTION JOINTS, UNLESS OTHERWISE NOTED. CONTRACTOR MUST COORDINATE ALL SLAB JOINTS WITH JOINTS IN BONDED FLOOR FINISHES. REFERENCE ARCHITECTURAL DRAWINGS FOR FLOOR FINISH JOINT LOCATIONS.

G. PLACE (1) #4 x 3'-0" IN MIDDEPTH OF SLAB AT RE-ENTRANT CORNERS WHERE A SLAB JOINT DOES NOT OCCUR.

KEY NOTES

103 5" CONCRETE SLAB-ON-GRADE OVER VAPOR RETARDER AND 4" DEPTH OF POROUS FILL UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH 6x6-W2.1xW2.1 WELDED WIRE REINFORCING PLACED 1 1/2" CLEAR BELOW TOP OF SLAB. MAINTAIN REINFORCEMENT IN POSITION ON BOLSTERS, CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.

113 FLOOR DRAIN. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION. SLOPE SLAB 1/4" PER FOOT TOWARDS DRAIN FOR 2'-0" RADIUS AROUND CENTER OF DRAIN.



KEY PLAN - 1ST FLOOR

NTS

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PROJECT INFORMATION

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541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

01/10/2025

DKA JOB NUMBER

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BID DOCUMENTS
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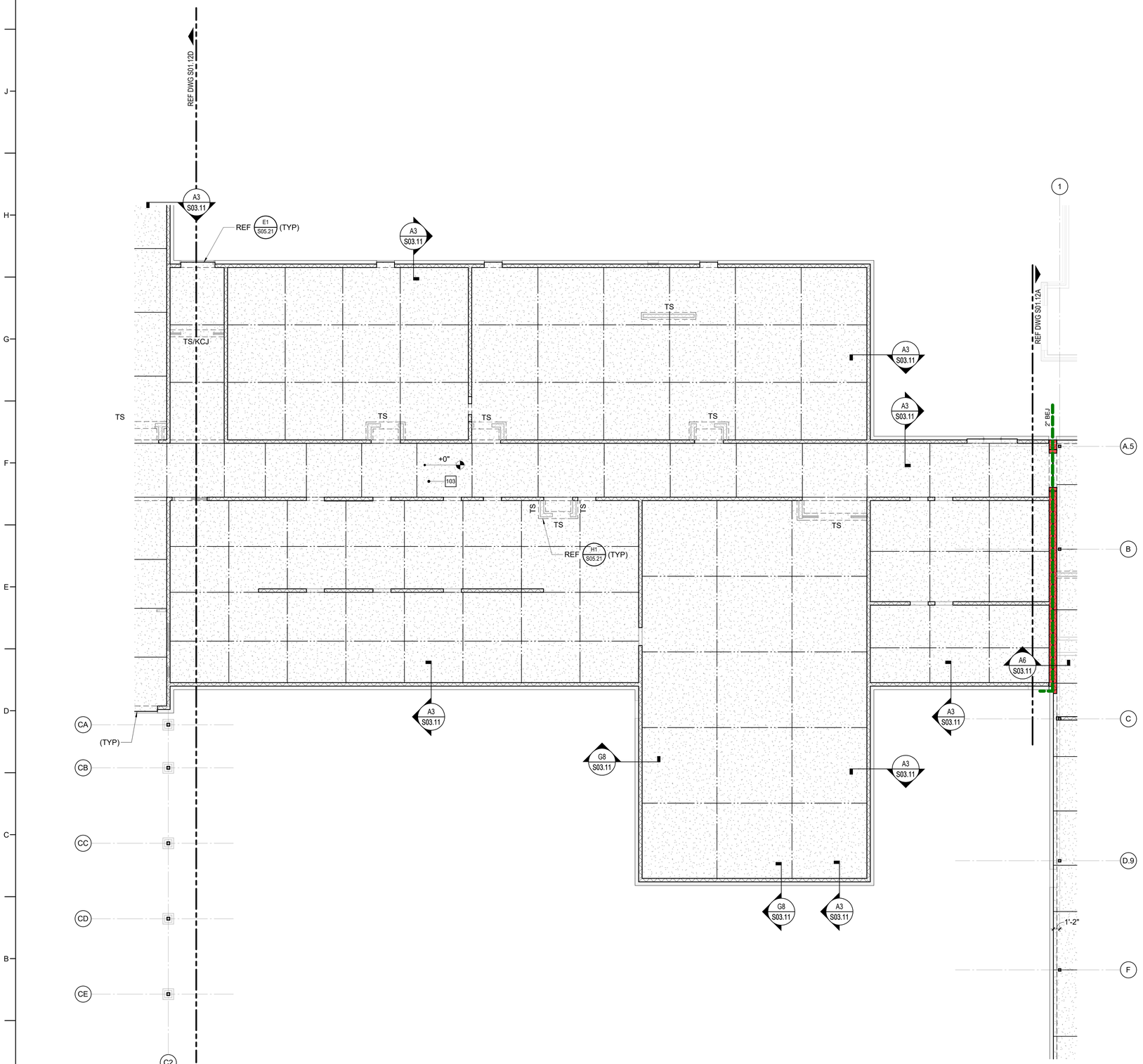
SHEET TITLE

1ST FLOOR SLAB PLAN - AREA A

S01.12A



PLAN NORTH

A1 1ST FLOOR SLAB PLAN - AREA C

1/8" = 1'-0"

SLAB PLAN NOTES

A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.

B. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131.14'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.

C. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LIMITS OF SLAB DEPRESSIONS AND OMITTED SLABS.

D. FLOOR SINKS AND DRAINS ARE NOT SHOWN ON PLAN. REFERENCE PME DRAWINGS FOR LOCATIONS.

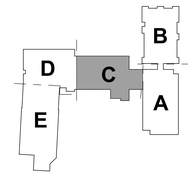
E. REFERENCE CIVIL AND LANDSCAPE DRAWINGS FOR EXTERIOR CONCRETE SLABS AND PAVING.

F. SLAB-ON-GRADE JOINTS MUST BE SAWED JOINTS OR KEYED CONSTRUCTION JOINTS, UNLESS OTHERWISE NOTED. CONTRACTOR MUST COORDINATE ALL SLAB JOINTS WITH JOINTS IN BONDED FLOOR FINISHES. REFERENCE ARCHITECTURAL DRAWINGS FOR FLOOR FINISH JOINT LOCATIONS.

G. PLACE (1) #4 x 3'-0" IN MIDDEPTH OF SLAB AT RE-ENTRANT CORNERS WHERE A SLAB JOINT DOES NOT OCCUR.

KEY NOTES

103 5" CONCRETE SLAB-ON-GRADE OVER VAPOR RETARDER AND 4" DEPTH OF POROUS FILL UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH 6x6-W2.1xW2.1 WELDED WIRE REINFORCING PLACED 1 1/2" CLEAR BELOW TOP OF SLAB. MAINTAIN REINFORCEMENT IN POSITION ON BOLSTERS, CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.



KEY PLAN - 1ST FLOOR

NTS

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SEALS

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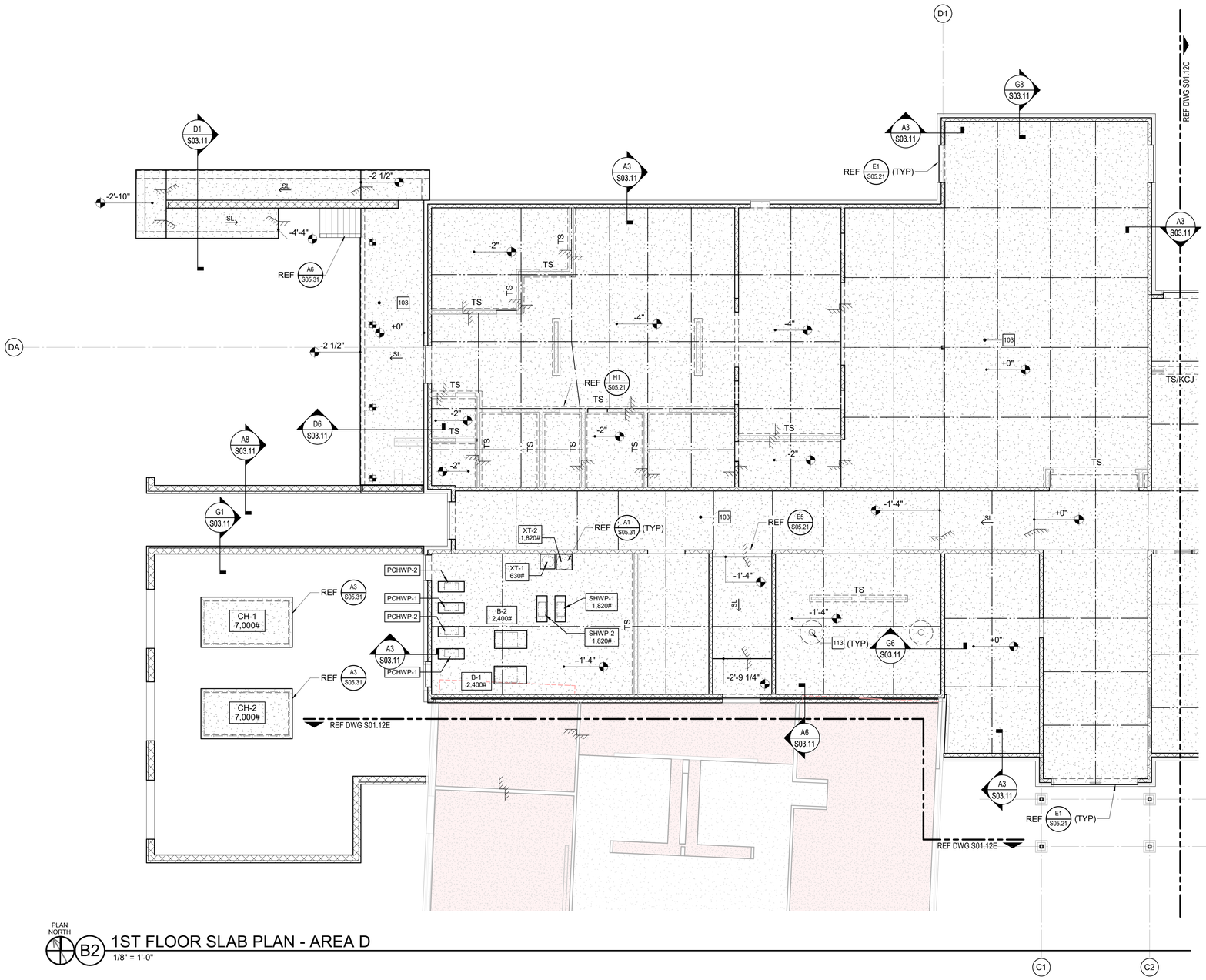
SHEET TITLE

1ST FLOOR SLAB PLAN - AREA C

S01.12C



PLAN NORTH

B2 1ST FLOOR SLAB PLAN - AREA D

1/8" = 1'-0"

SLAB PLAN NOTES

A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.

B. UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 131.14'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.

C. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LIMITS OF SLAB DEPRESSIONS AND OMITTED SLABS.

D. FLOOR SINKS AND DRAINS ARE NOT SHOWN ON PLAN. REFERENCE PME DRAWINGS FOR LOCATIONS.

E. REFERENCE CIVIL AND LANDSCAPE DRAWINGS FOR EXTERIOR CONCRETE SLABS AND PAVING.

F. SLAB-ON-GRADE JOINTS MUST BE SAWED JOINTS OR KEYED CONSTRUCTION JOINTS, UNLESS OTHERWISE NOTED. CONTRACTOR MUST COORDINATE ALL SLAB JOINTS WITH JOINTS IN BONDED FLOOR FINISHES. REFERENCE ARCHITECTURAL DRAWINGS FOR FLOOR FINISH JOINT LOCATIONS.

G. PLACE (1) #4 x 3'-0" IN MIDDEPTH OF SLAB AT RE-ENTRANT CORNERS WHERE A SLAB JOINT DOES NOT OCCUR.

KEY NOTES

103 5" CONCRETE SLAB-ON-GRADE OVER VAPOR RETARDER AND 4" DEPTH OF POROUS FILL UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH 6x6-W2.1xW2.1 WELDED WIRE REINFORCING PLACED 1 1/2" CLEAR BELOW TOP OF SLAB. MAINTAIN REINFORCEMENT IN POSITION ON BOLSTERS, CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.

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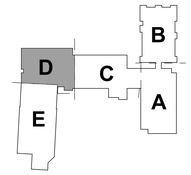

KEY PLAN - 1ST FLOOR

NTS

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PROJECT INFORMATION

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

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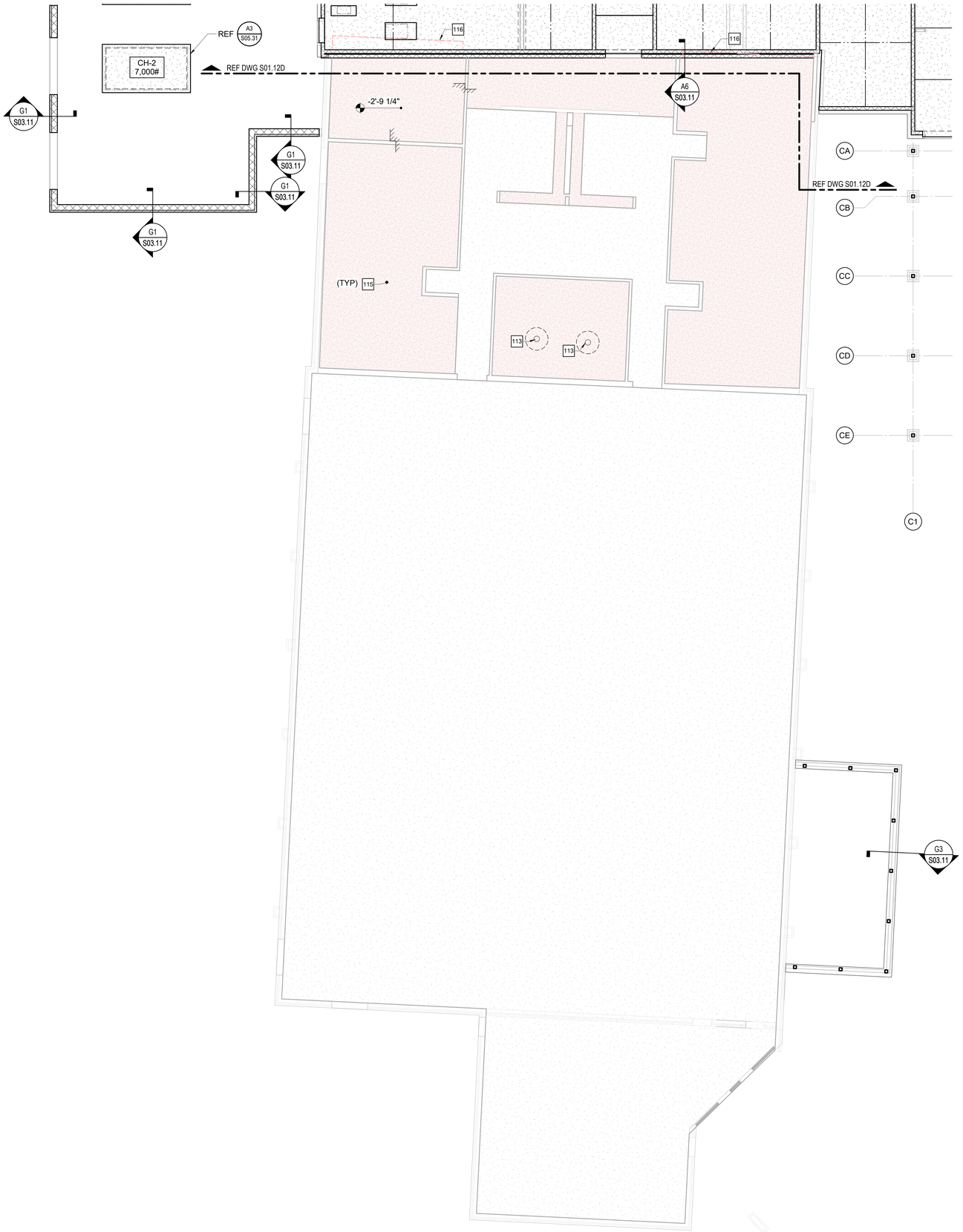
SHEET TITLE

1ST FLOOR SLAB PLAN - AREA D

S01.12D



SLAB PLAN NOTES

A. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.

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C. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LIMITS OF SLAB DEPRESSIONS AND OMITTED SLABS.

D. FLOOR SINKS AND DRAINS ARE NOT SHOWN ON PLAN. REFERENCE PME DRAWINGS FOR LOCATIONS.

E. REFERENCE CIVIL AND LANDSCAPE DRAWINGS FOR EXTERIOR CONCRETE SLABS AND PAVING.

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G. PLACE (1) #4 x 3'-0" IN MIDDEPTH OF SLAB AT RE-ENTRANT CORNERS WHERE A SLAB JOINT DOES NOT OCCUR.

KEY NOTES

113 FLOOR DRAIN. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION. SLOPE SLAB 1/4" PER FOOT TOWARDS DRAIN FOR 2'-0" RADIUS AROUND CENTER OF DRAIN.

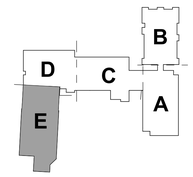
115 CONCRETE SLAB ON GRADE TO BE REMOVED AND REPLACED. REPLACE SLABS IN EACH AREA IN KIND, MATCHING ELEVATION OF ADJACENT SLAB UNLESS OTHERWISE NOTED. REFER TO TYPICAL SLAB REMOVAL AND REPLACEMENT DETAILS FOR REINFORCING REQUIREMENTS. REFER TO ARCHITECTURAL AND PME DRAWINGS FOR EXTENTS OF SLAB REMOVAL. DO NOT REMOVE SLABS WITHIN 1'-0" OF FACE OF EXISTING WALL TO REMAIN.

116 CONCRETE SLAB ON GRADE TO BE REMOVED. REFER TO ARCHITECTUAL DEMOLITION DRAWINGS FOR FULL DEMOLITION REQUIREMENTS.

PLAN NORTH

A1 1ST FLOOR SLAB PLAN - AREA E

1/8" = 1'-0"



KEY PLAN - 1ST FLOOR

NTS

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PROJECT INFORMATION

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WAYNE COUNTY PUBLIC SCHOOLS

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SEALS

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SHEET TITLE

1ST FLOOR SLAB PLAN - AREA E

S01.12E

PLAN NORTH

A2 2ND FLOOR FRAMING PLAN - AREA A

1/8" = 1'-0"

FRAMING PLAN NOTES

A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

B. TOP OF FINISHED FLOOR ELEVATION MUST BE AS NOTED ON SLAB PLANS.

C. FLOOR JOISTS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).

D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).

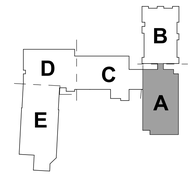
E. CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.

F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.

G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS MUST BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.

H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

KEY NOTES



KEY PLAN - 1ST FLOOR

NTS

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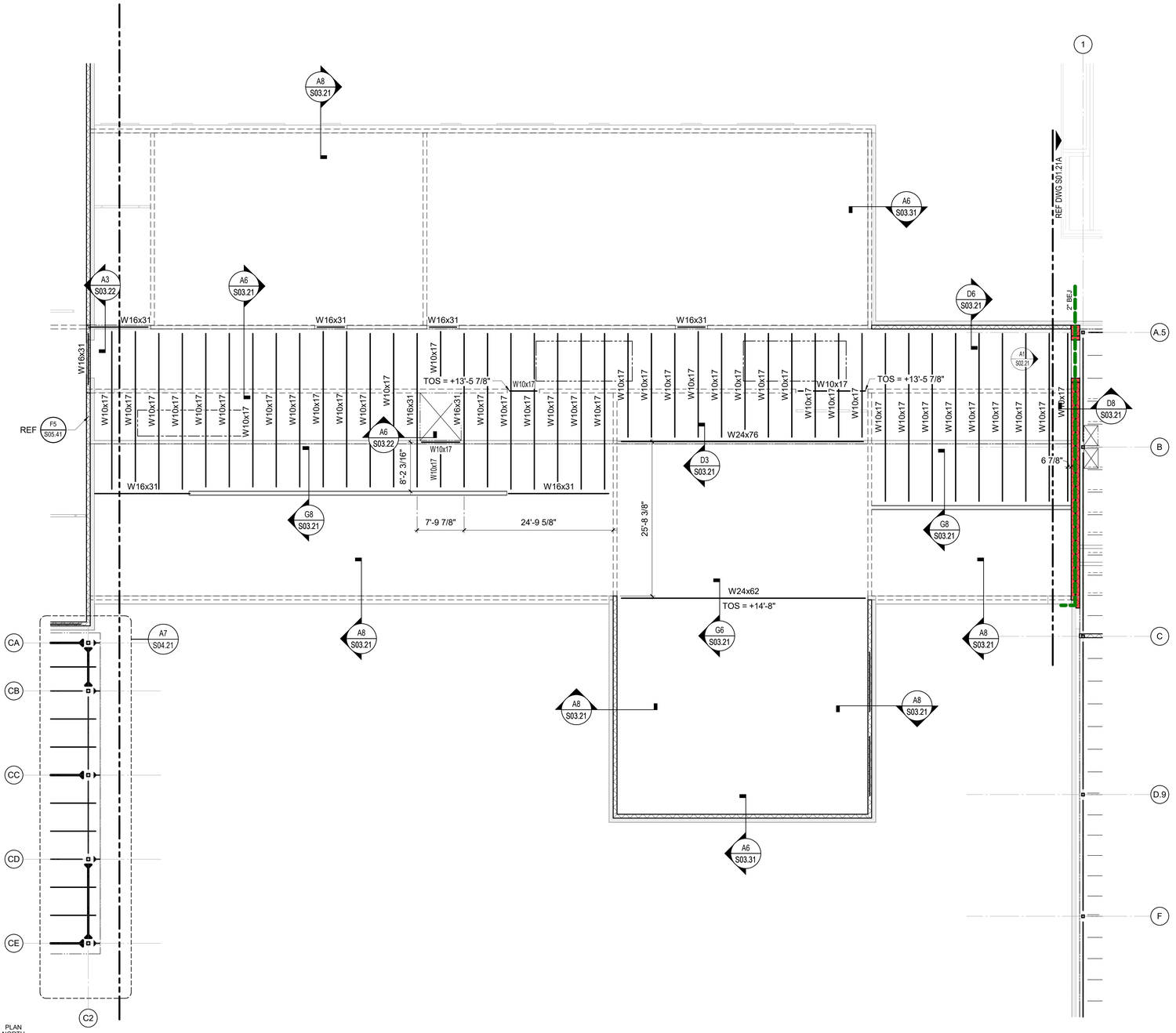
SHEET TITLE

2ND FLOOR FRAMING PLAN - AREA A

S01.21A



PLAN NORTH

A1 2ND FLOOR FRAMING PLAN - AREA C

1/8" = 1'-0"

FRAMING PLAN NOTES

A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

B. TOP OF FINISHED FLOOR ELEVATION MUST BE AS NOTED ON SLAB PLANS.

C. FLOOR JOISTS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).

D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).

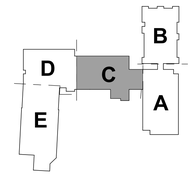
E. CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.

F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.

G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS MUST BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.

H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

KEY NOTES



KEY PLAN - 1ST FLOOR

NTS

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SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL C-4360 LYNCHMYKINS CONSULTING STRUCTURAL ENGINEERS

NORTH CAROLINA PROFESSIONAL SEAL 35705 ENGINEER DELIMEY T. ORTIZ

01/10/2025

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SHEET TITLE

2ND FLOOR FRAMING PLAN - AREA C

S01.21C

PLAN NORTH

A2 2ND FLOOR SLAB PLAN - AREA A

1/8" = 1'-0"

FRAMING PLAN NOTES

A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

B. TOP OF FINISHED FLOOR ELEVATION MUST BE AS NOTED ON SLAB PLANS.

C. FLOOR JOISTS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).

D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).

E. CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.

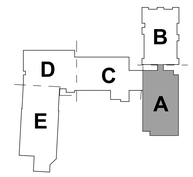
F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.

G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS MUST BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.

H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

KEY NOTES

202 2 1/2" CONCRETE SLAB ON 1 1/2" FORM DECK, (4" TOTAL) REINFORCED WITH 6x6-W4.0xW4.0 WELDED WIRE REINFORCING LOCATED 3/4" CLEAR FROM THE TOP OF FLUTES.



KEY PLAN - 1ST FLOOR

NTS

DAVIS KANE ARCHITECTS, PA
503 OBERLIN ROAD | SUITE 300
RALEIGH, NC 27605
919.833.3737
www.daviskane.com

PROJECT INFORMATION

lynchmykins CALCULATE. COLLABORATE. CREATE.
Structural Engineers
301 N. West Street, Suite 105
Raleigh, NC 27603
919.782.1833 - lynchmykins.com
LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER

2401

REVISIONS

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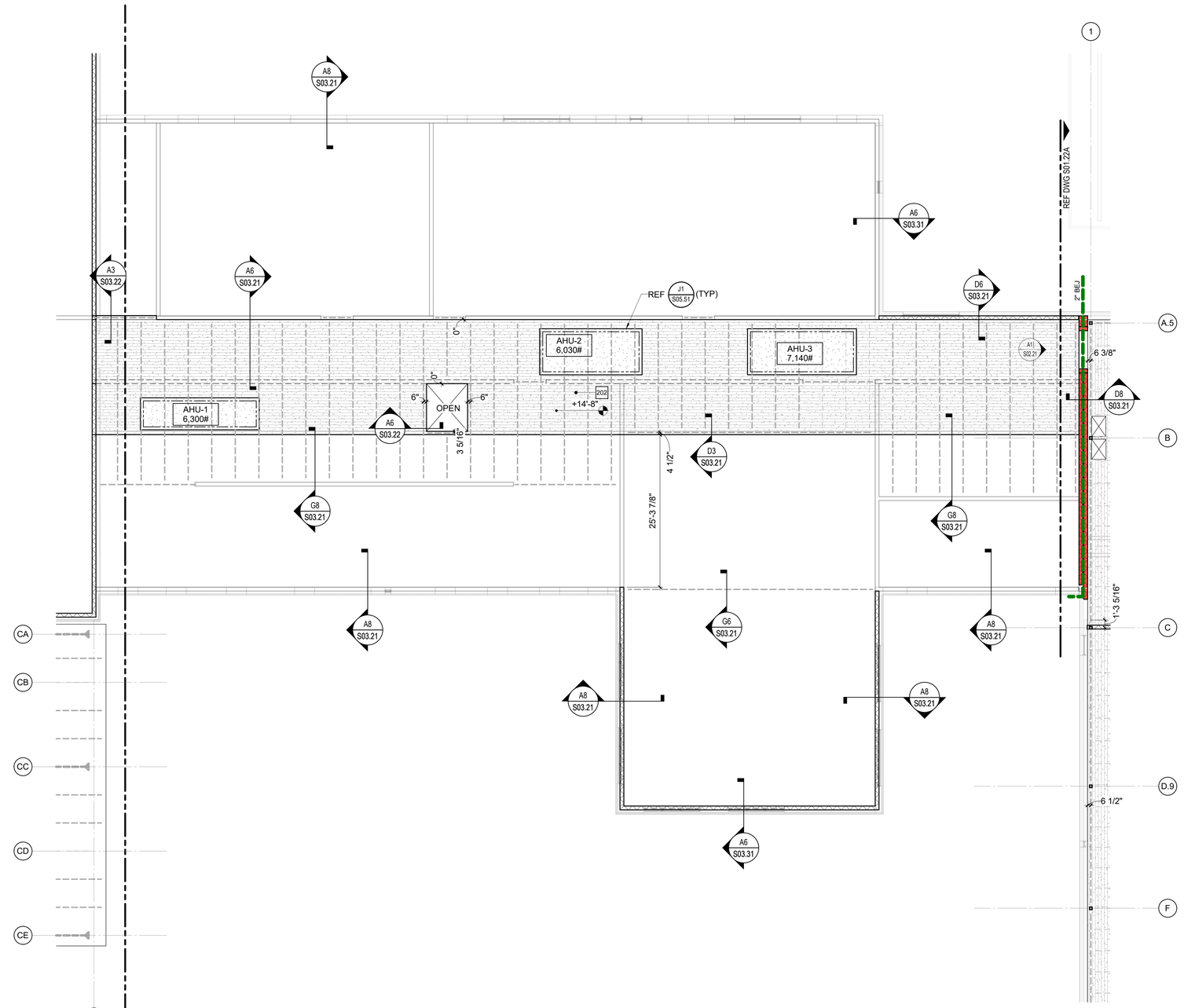
BID DOCUMENTS
01/10/2025

SHEET TITLE

2ND FLOOR SLAB PLAN - AREA A

S01.22A



PLAN NORTH

A1 2ND FLOOR SLAB PLAN - AREA C

1/8" = 1'-0"

FRAMING PLAN NOTES

A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

B. TOP OF FINISHED FLOOR ELEVATION MUST BE AS NOTED ON SLAB PLANS.

C. FLOOR JOISTS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).

D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).

E. CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.

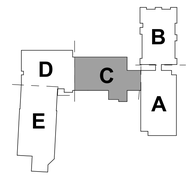
F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.

G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS MUST BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.

H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

KEY NOTES

202 2 1/2" CONCRETE SLAB ON 1 1/2" FORM DECK, (4" TOTAL) REINFORCED WITH 6x6-W4.0xW4.0 WELDED WIRE REINFORCING LOCATED 3/4" CLEAR FROM THE TOP OF FLUTES.



KEY PLAN - 1ST FLOOR

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SEALS

NORTH CAROLINA ENGINEERING CORPORATION C-4360 PROFESSIONAL ENGINEER

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035705 DELANEY T. ORTLIP

01/10/2025

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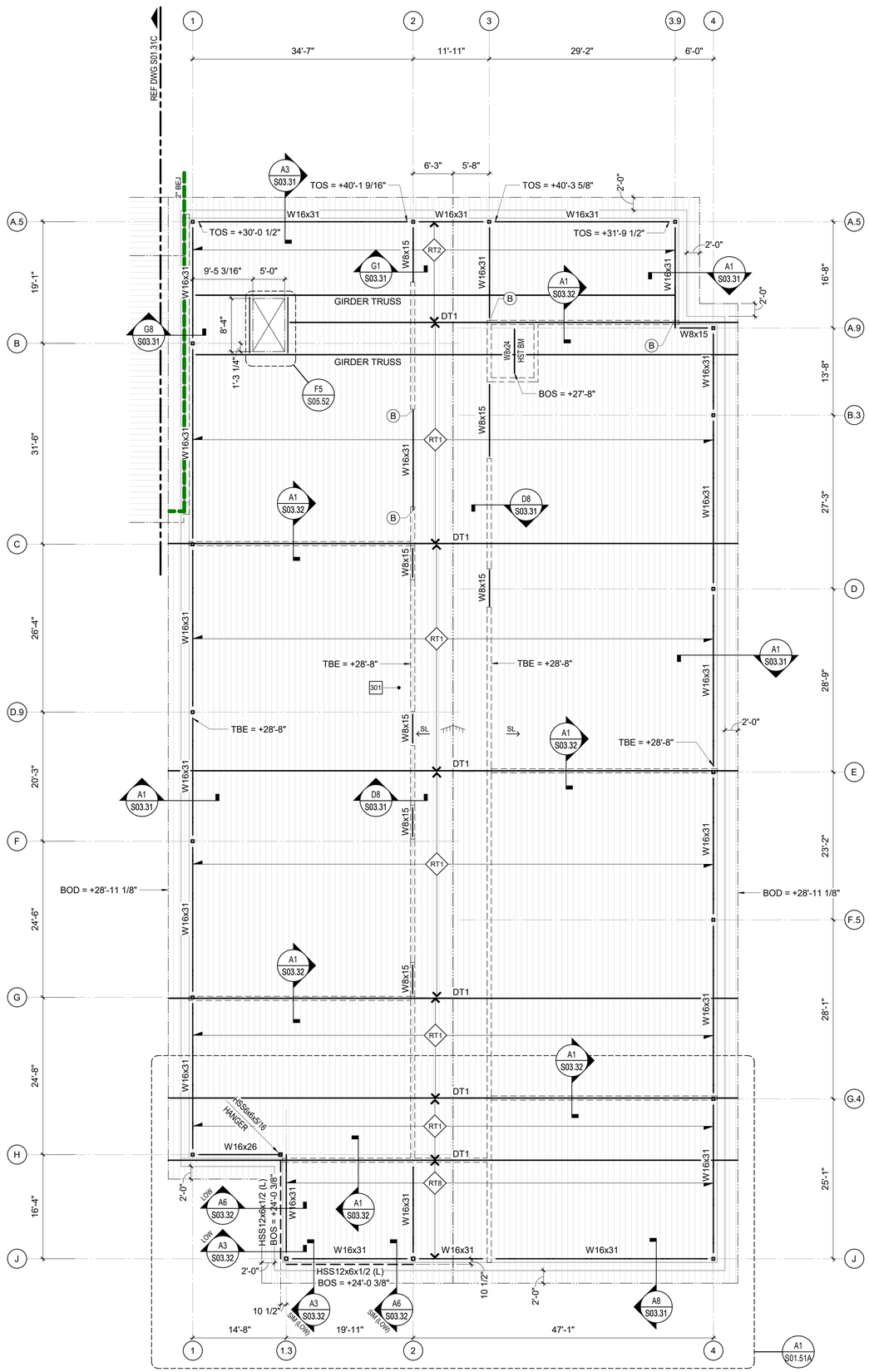
SHEET TITLE

2ND FLOOR SLAB PLAN - AREA C

S01.22C



PLAN NORTH

A2 HIGH ROOF FRAMING PLAN - AREA A

1/8" = 1'-0"

TRUSS / JOIST FRAMING SCHEDULE

MARK	DESCRIPTION	SPACING	REMARKS
RT1	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT2	PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK)	48" OC	-
RT3	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT4	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT5	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT6	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT7	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT8	PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK)	48" OC	-
RT9	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-

DRAG TRUSS FRAMING SCHEDULE

MARK	DESCRIPTION	WIND DEMAND (ULTIMATE)	SEISMIC DEMAND (ULTIMATE)
DT1	PREFAB COLD-FORMED DRAG TRUSS	800 LB/FT	700 LB/FT
DT2	PREFAB COLD-FORMED DRAG TRUSS	900 LB/FT	600 LB/FT
DT3	PREFAB COLD-FORMED DRAG TRUSS	1,300 LB/FT	500 LB/FT

NOTE: DEMAND LOADS SHOW INDICATE THE REQUIRED CAPACITY AT TRUSS BOTTOM CHORD ATTACHMENT TO CMU WALL.

FRAMING PLAN NOTES

A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

B. TOP OF FINISHED FLOOR ELEVATION MUST BE AS NOTED ON SLAB PLANS.

C. FLOOR JOISTS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).

D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).

E. CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.

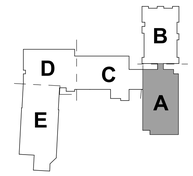
F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.

G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS MUST BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.

H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

KEY NOTES

301 1 1/2" ROOF DECK. REFERENCE STEEL DECK NOTES.



KEY PLAN - 1ST FLOOR

NTS

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ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL C-4360 LYNCH MYKINS STRUCTURAL ENGINEERS, PLLC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 35705 DELANEY T. ORTLIP

01/10/2025

DKA JOB NUMBER
2401

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BID DOCUMENTS
01/10/2025

SHEET TITLE

ROOF FRAMING PLAN - AREA A

S01.31A

DRAG TRUSS FRAMING SCHEDULE

MARK	DESCRIPTION	WIND DEMAND (ULTIMATE)	SEISMIC DEMAND (ULTIMATE)
DT1	PREFAB COLD-FORMED DRAG TRUSS	800 LB/FT	700 LB/FT
DT2	PREFAB COLD-FORMED DRAG TRUSS	900 LB/FT	600 LB/FT
DT3	PREFAB COLD-FORMED DRAG TRUSS	1,300 LB/FT	500 LB/FT

TRUSS / JOIST FRAMING SCHEDULE

MARK	DESCRIPTION	SPACING	REMARKS
RT1	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT2	PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK)	48" OC	-
RT3	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT4	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT5	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT6	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT7	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT8	PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK)	48" OC	-
RT9	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-

FRAMING PLAN NOTES

A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

B. TOP OF FINISHED FLOOR ELEVATION MUST BE AS NOTED ON SLAB PLANS.

C. FLOOR JOISTS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).

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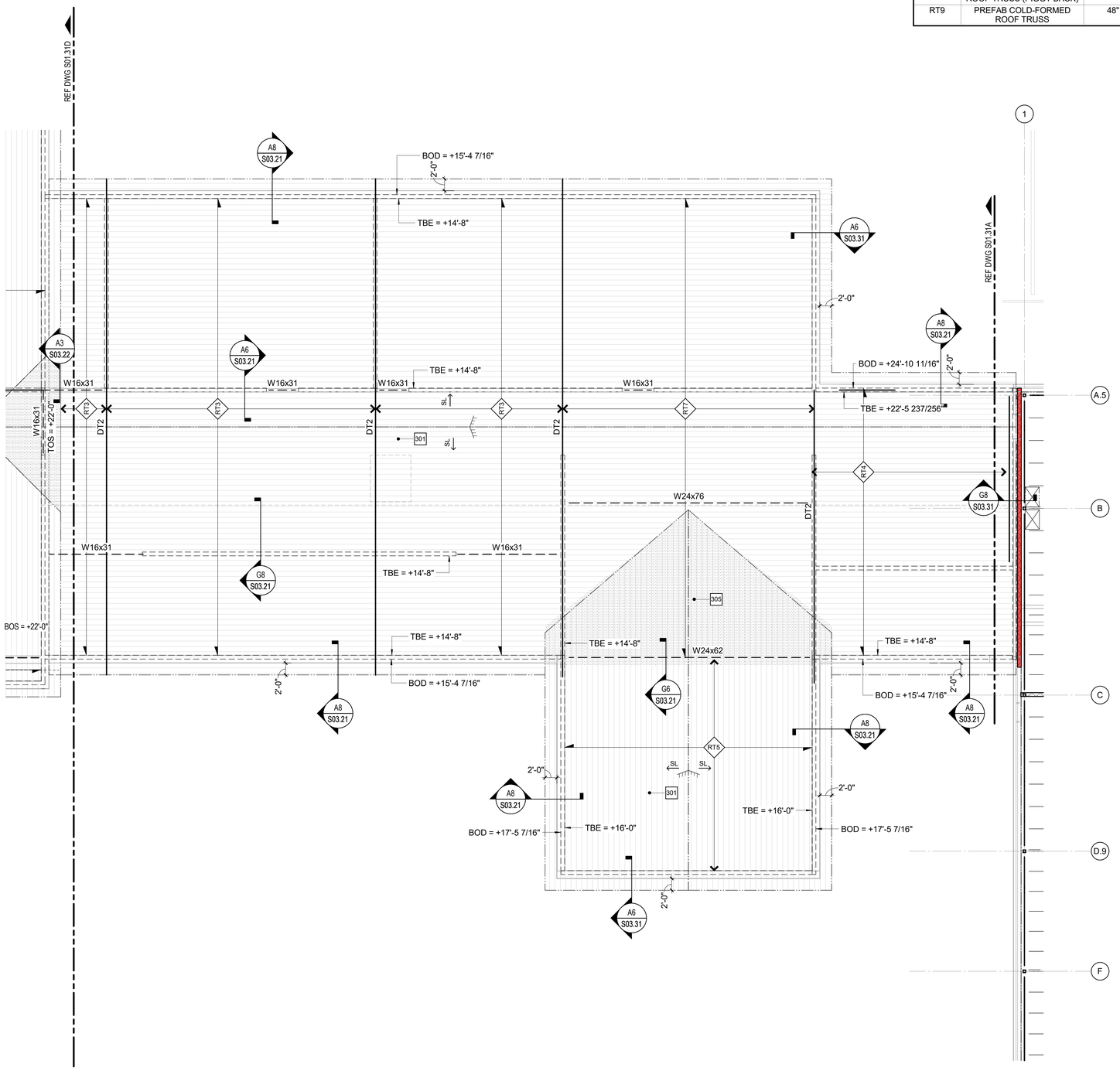


PLAN NORTH

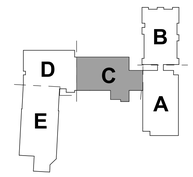
A1 ROOF FRAMING PLAN - AREA C

1/8" = 1'-0"

KEY NOTES

301 1 1/2" ROOF DECK. REFERENCE STEEL DECK NOTES.

305 COLD FORMED METAL FRAMED TRUSSES OVERBUILT ON MAIN ROOF TRUSSES.



KEY PLAN - 1ST FLOOR

NTS

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LM Project Number: LM23.307

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING CORPORATION C-4360 LYNCH MYKINS CONSTRUCTURAL ENGINEERS

NORTH CAROLINA PROFESSIONAL SEAL 035705 ENGINEER DELANEY T. ORTIZ

01/10/2025

DKA JOB NUMBER

2401

REVISIONS

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BID DOCUMENTS
01/10/2025

SHEET TITLE

ROOF FRAMING PLAN - AREA C

S01.31C

DRAG TRUSS FRAMING SCHEDULE

MARK	DESCRIPTION	WIND DEMAND (ULTIMATE)	SEISMIC DEMAND (ULTIMATE)
DT1	PREFAB COLD-FORMED DRAG TRUSS	800 LB/FT	700 LB/FT
DT2	PREFAB COLD-FORMED DRAG TRUSS	900 LB/FT	600 LB/FT
DT3	PREFAB COLD-FORMED DRAG TRUSS	1,300 LB/FT	500 LB/FT

TRUSS / JOIST FRAMING SCHEDULE

MARK	DESCRIPTION	SPACING	REMARKS
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RT2	PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK)	48" OC	-
RT3	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT4	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT5	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT6	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT7	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT8	PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK)	48" OC	-
RT9	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-

FRAMING PLAN NOTES

A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

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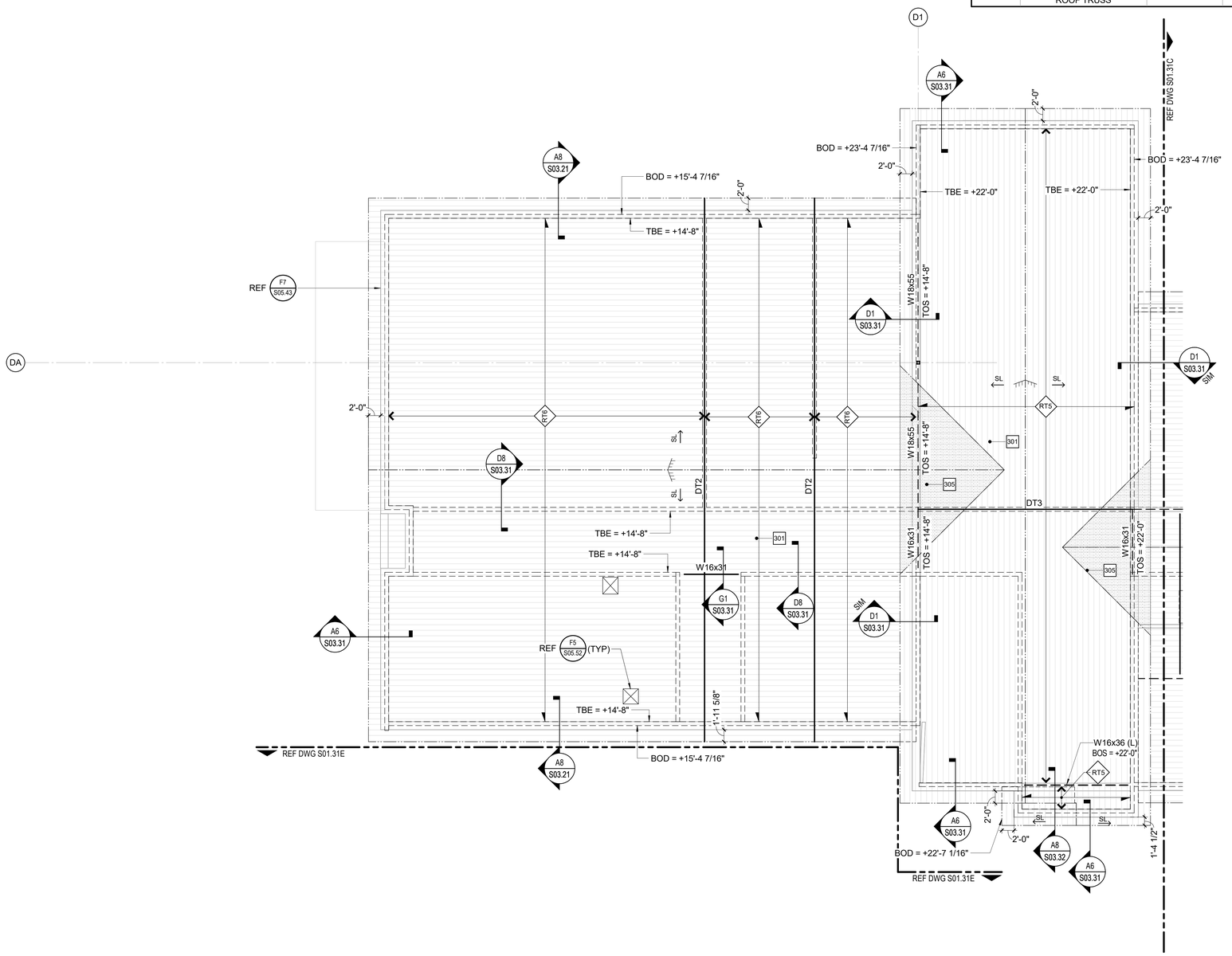


PLAN NORTH

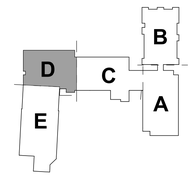
B1 ROOF FRAMING PLAN - AREA D

1/8" = 1'-0"

KEY NOTES

301 1 1/2" ROOF DECK. REFERENCE STEEL DECK NOTES.

305 COLD FORMED METAL FRAMED TRUSSES OVERBUILT ON MAIN ROOF TRUSSES.



KEY PLAN - 1ST FLOOR

NTS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 35705 DELANEY T. ORTIZ

01/10/2025

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BID DOCUMENTS
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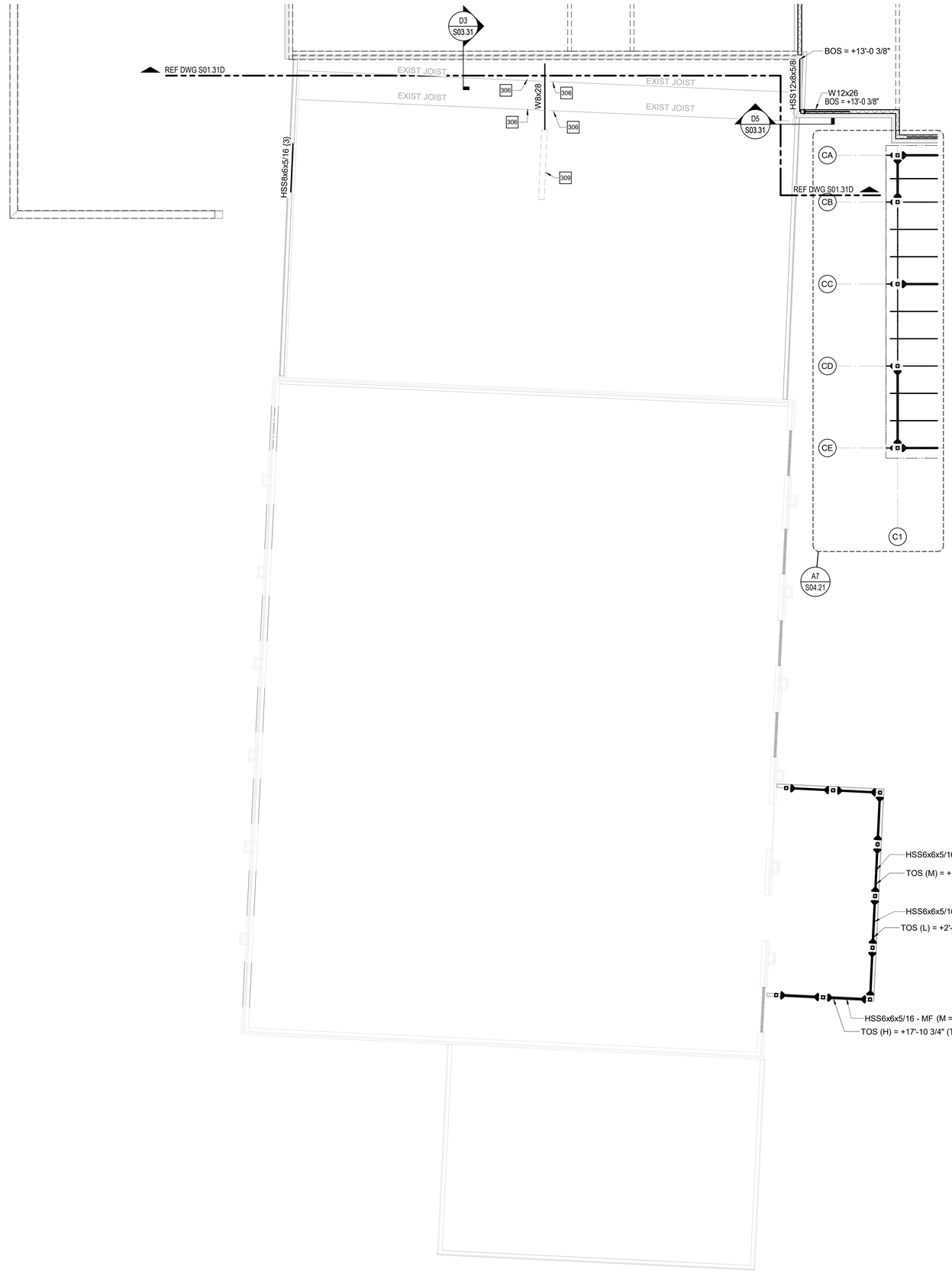
SHEET TITLE

ROOF FRAMING PLAN - AREA D

S01.31D



PLAN NORTH

A1 ROOF FRAMING PLAN - AREA E

1/8" = 1'-0"

FRAMING PLAN NOTES

A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

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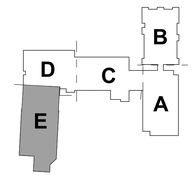
KEY NOTES

306 PROVIDE TEMPORARY SHORING UNDER EXISTING JOIST CAPABLE OF SUPPORTING 7,000 LBS AT THIS LOCATION. SHORE JOIST FROM THE BOTTOM CHORD AT THE CLOSEST PANEL POINT TO THE JOIST SEAT.

309 EXISTING CMU WALL.



KEY PLAN - 1ST FLOOR

NTS

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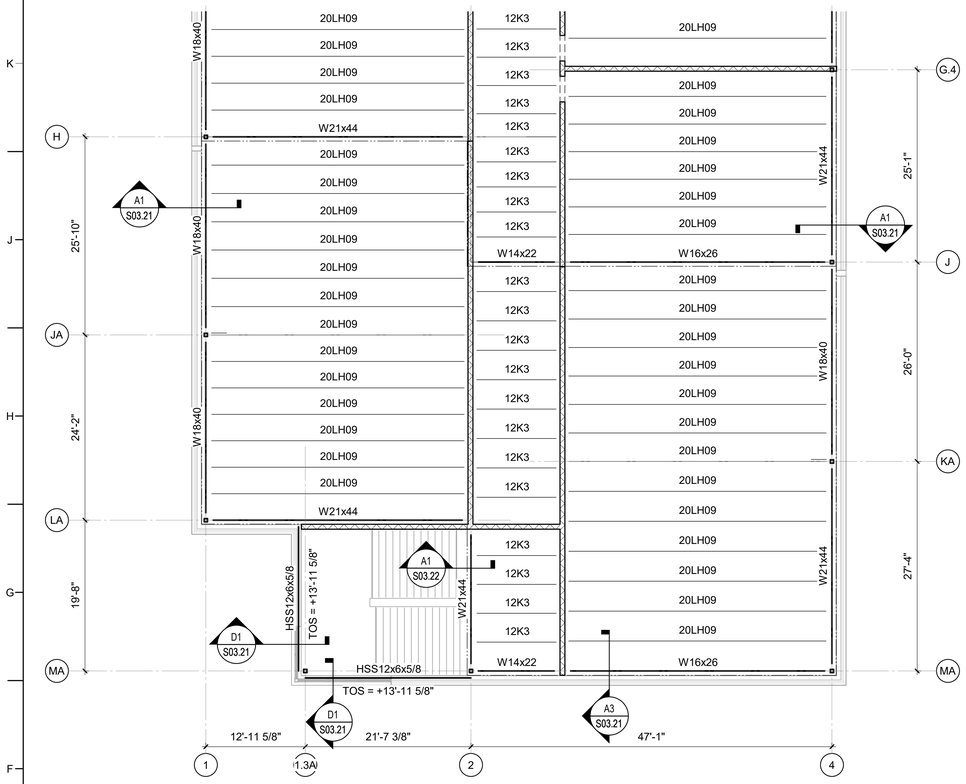
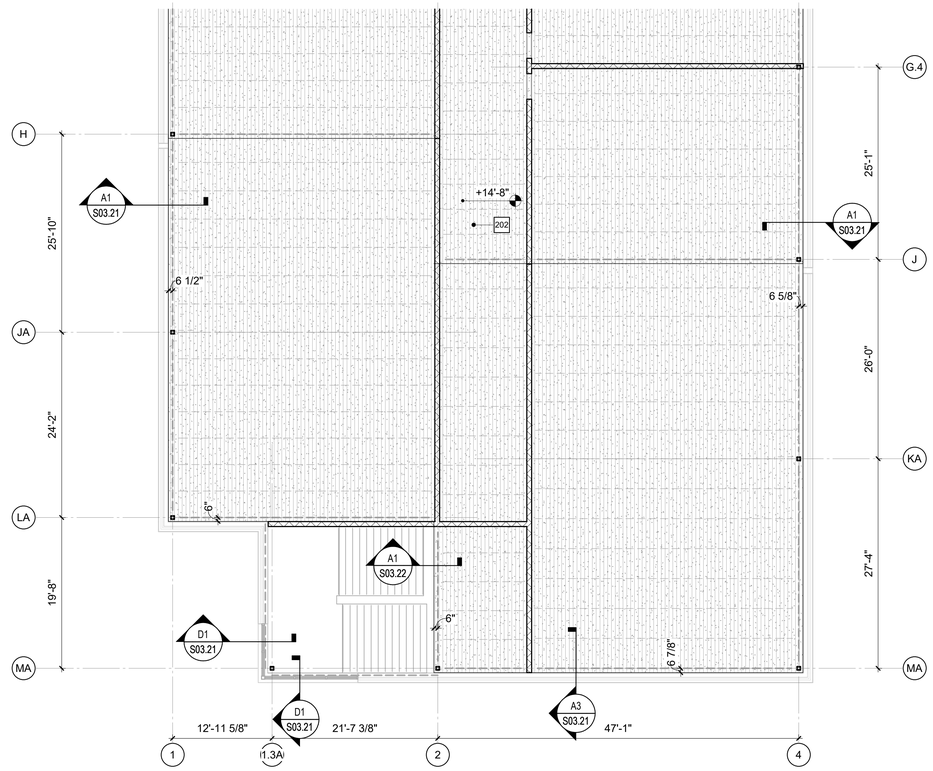
SHEET TITLE

ROOF FRAMING PLAN - AREA E

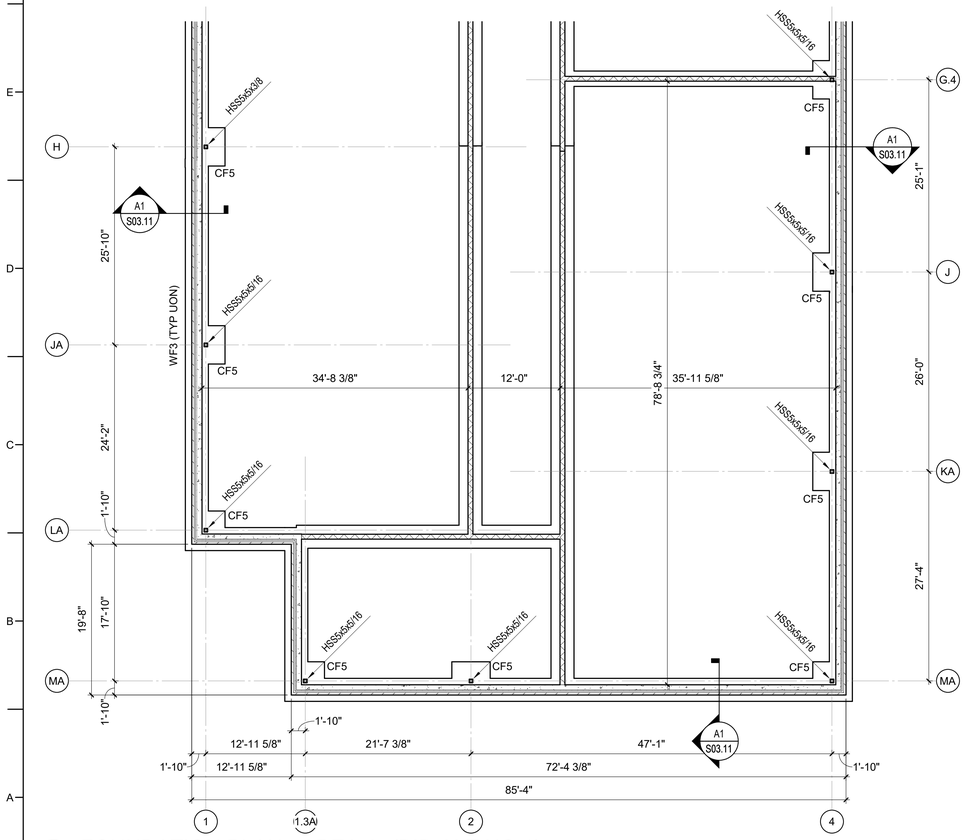
S01.31E



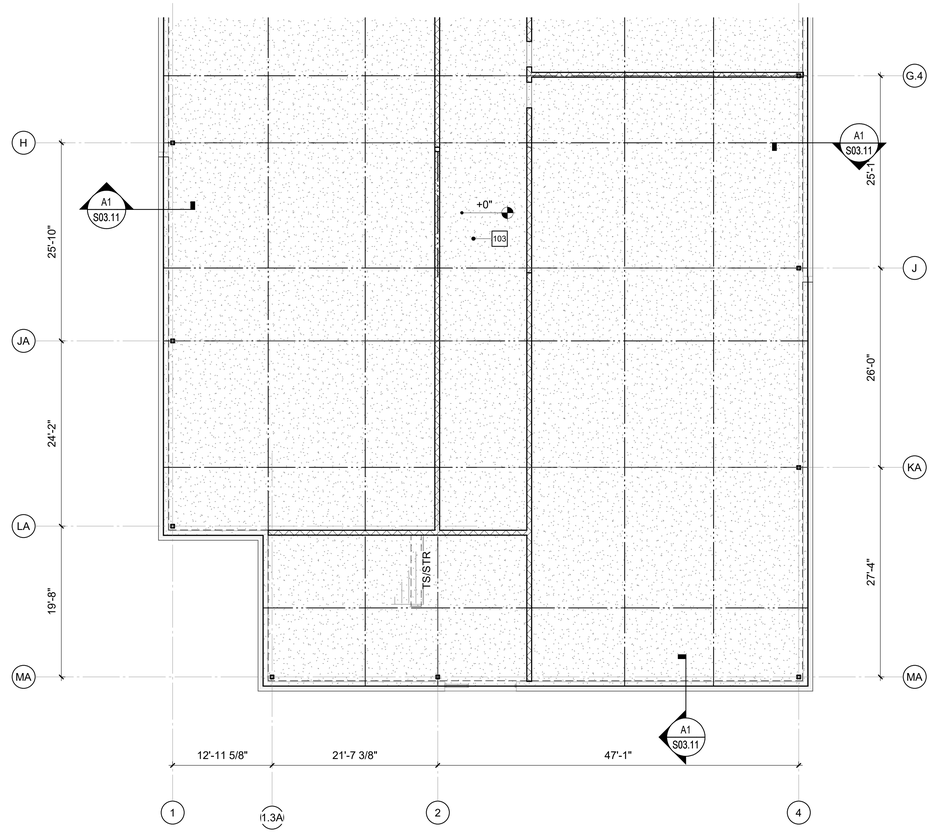
F1 SECOND FLOOR FRAMING PLAN - AREA A (BID ALT NO.1)
1/8" = 1'-0"



F5 SECOND FLOOR SLAB PLAN - AREA A (BID ALT NO.1)
1/8" = 1'-0"



A1 FOUNDATION PLAN - AREA A (BID ALT NO.1)
1/8" = 1'-0"



A5 FIRST FLOOR SLAB PLAN - AREA A (BID ALT NO.1)
1/8" = 1'-0"

KEY NOTES

103 5" CONCRETE SLAB-ON-GRADE OVER VAPOR RETARDER AND 4" DEPTH OF POROUS FILL UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH 6x6-W2.1xW2.1 WELDED WIRE REINFORCING PLACED 1 1/2" CLEAR BELOW TOP OF SLAB. MAINTAIN REINFORCEMENT IN POSITION ON BOLSTERS, CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.

202 2 1/2" CONCRETE SLAB ON 1 1/2" FORM DECK, (4" TOTAL) REINFORCED WITH 6x6-W4.0xW4.0 WELDED WIRE REINFORCING LOCATED 3/4" CLEAR FROM THE TOP OF FLUTES.

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PROJECT INFORMATION

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Structural Engineers
301 N. West Street, Suite 105
Raleigh, NC 27603
919.782.1833 - lynchmykins.com
LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL C-4360 STRUCTURAL ENGINEER DELANEY T. ORTIZ

NORTH CAROLINA PROFESSIONAL SEAL 35705 ENGINEER DELANEY T. ORTIZ
01/10/2025

DKA JOB NUMBER
2401

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SHEET TITLE
AREA A ALTERNATE PLANS

S01.41A

TRUSS / JOIST FRAMING SCHEDULE

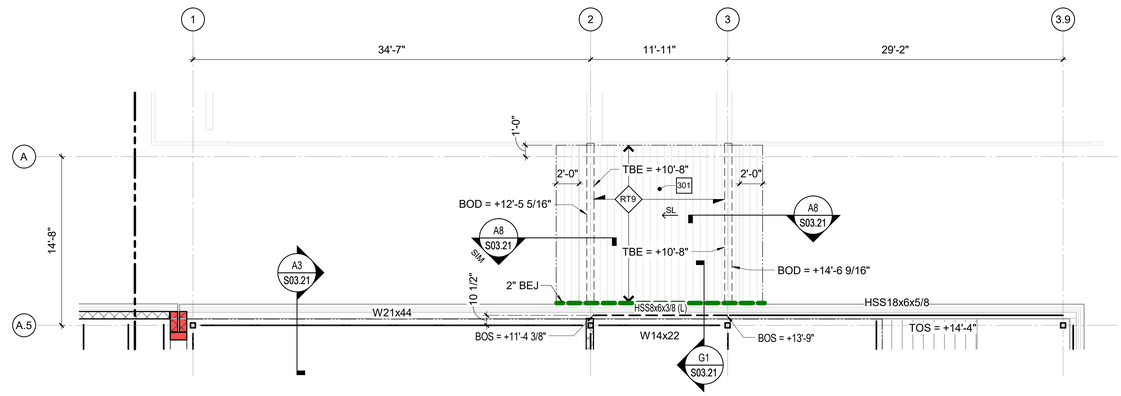
MARK	DESCRIPTION	SPACING	REMARKS
RT1	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT2	PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK)	48" OC	-
RT3	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT4	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT5	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT6	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT7	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-
RT8	PREFAB COLD-FORMED ROOF TRUSS (PIGGY BACK)	48" OC	-
RT9	PREFAB COLD-FORMED ROOF TRUSS	48" OC	-

KEY NOTES

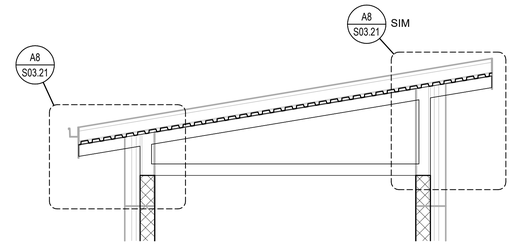
103 5" CONCRETE SLAB-ON-GRADE OVER VAPOR RETARDER AND 4" DEPTH OF POROUS FILL UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH 6x6-W2.1xW2.1 WELDED WIRE REINFORCING PLACED 1 1/2" CLEAR BELOW TOP OF SLAB. MAINTAIN REINFORCEMENT IN POSITION ON BOLSTERS, CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.

114 TOOTH NEW CMU WALL INTO EXISTING BUILDING CMU. REINFORCE CELL WITH #5 BAR DRILLED AND EPOXIED WITH HILTI-HIT HY200 EPOXY WITH 6" EMBED INTO EXISTING SLAB AND FOOTING.

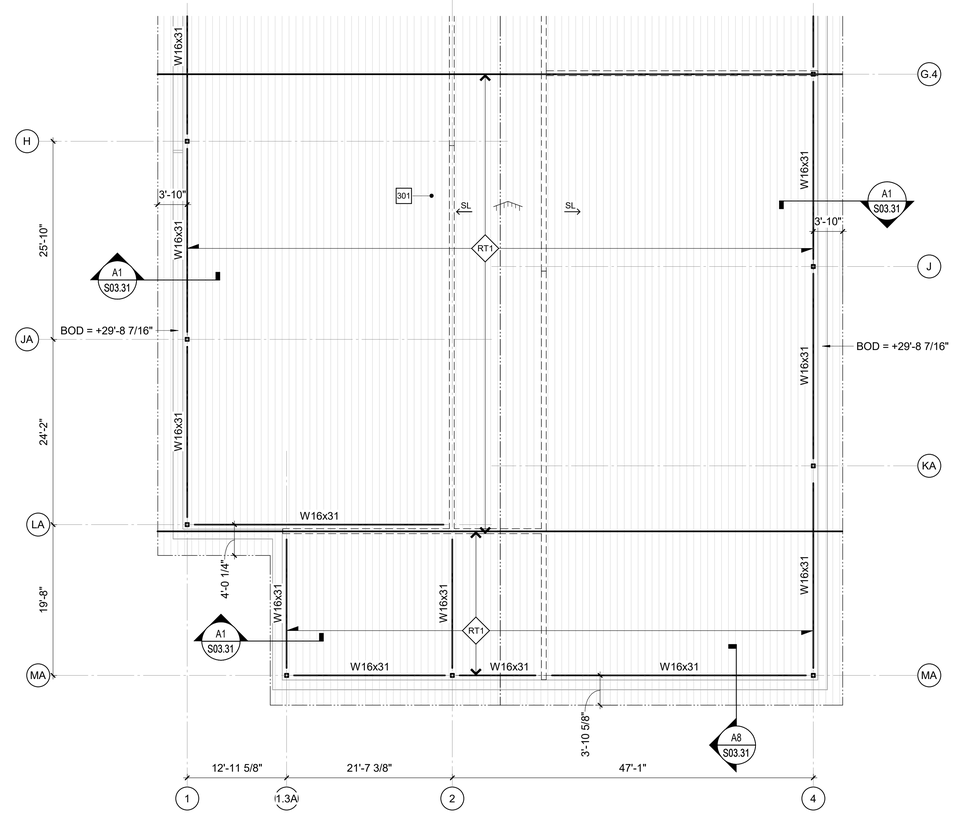
301 1 1/2" ROOF DECK. REFERENCE STEEL DECK NOTES.



F1 SECOND FLOOR FRAMING PLAN - AREA A (BID ALT NO.2)
3/16" = 1'-0"



F6 TRUSS ELEVATION 'RT9'
3/8" = 1'-0"



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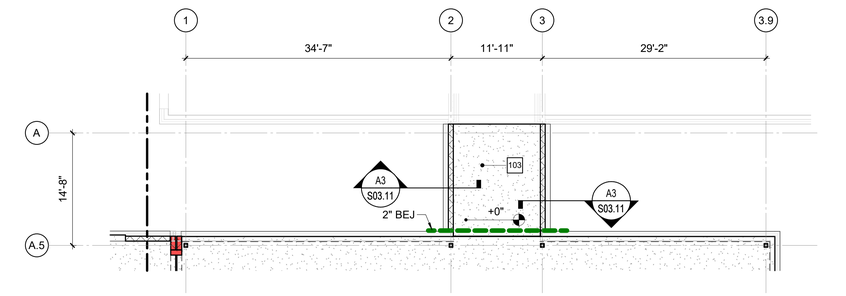
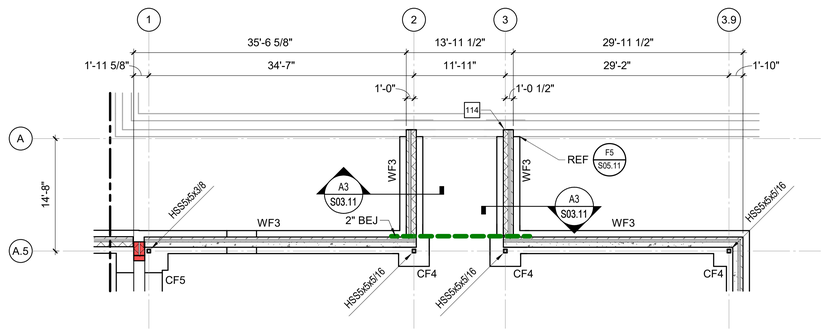


C5 FIRST FLOOR SLAB PLAN - AREA A (BID ALT NO.2)
1/8" = 1'-0"



A5 FOUNDATION PLAN - AREA A (BID ALT NO.2)
1/8" = 1'-0"

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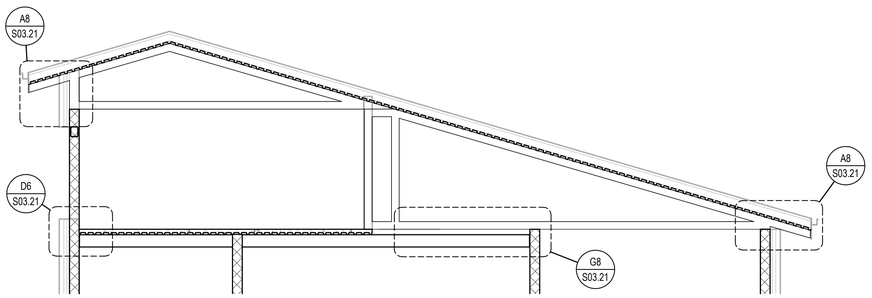
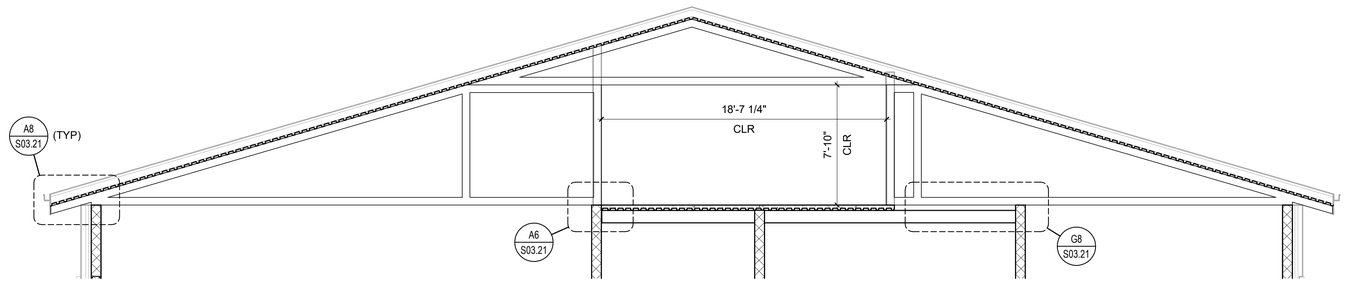
SHEET TITLE
AREA A ALTERNATE PLANS

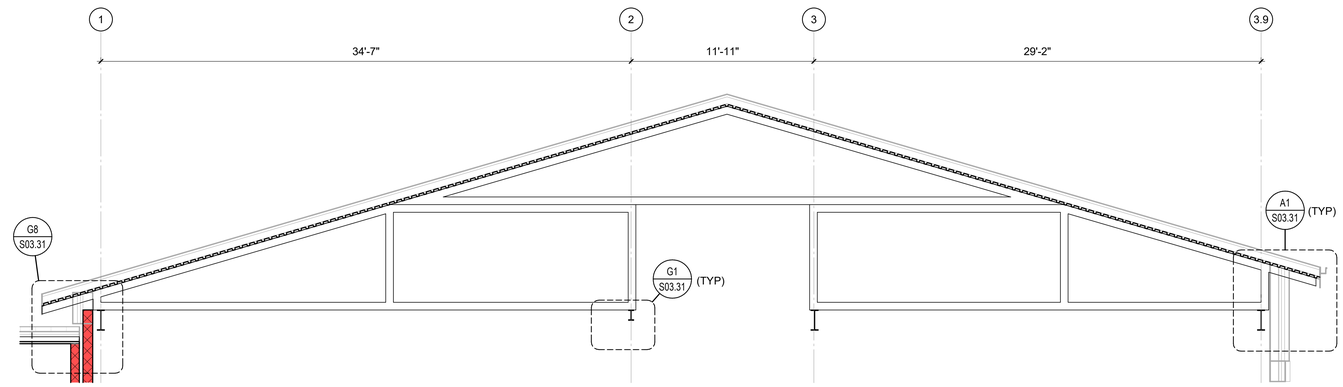
S01.51A



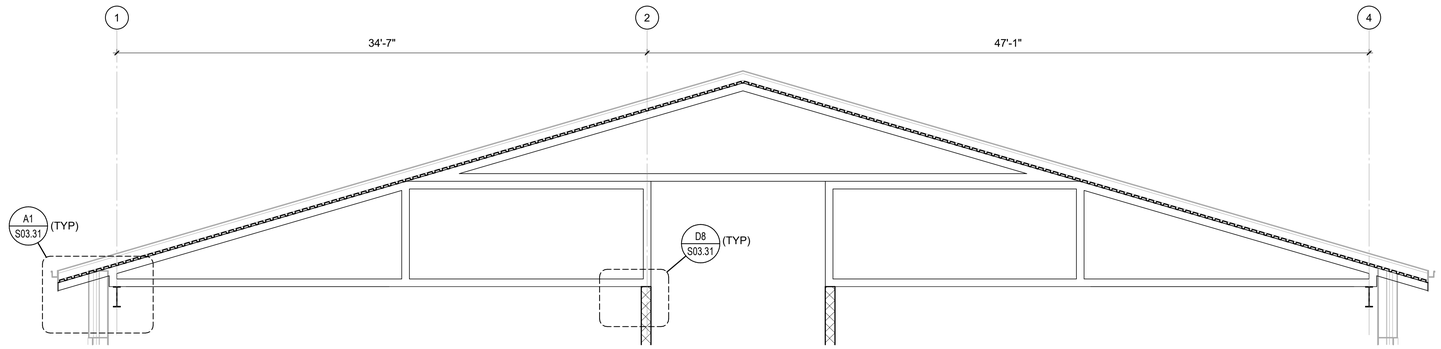
H1 TRUSS ELEVATION 'RT4'
1/4" = 1'-0"



F1 TRUSS ELEVATION 'RT3'
1/4" = 1'-0"



C1 TRUSS ELEVATION 'RT2'
1/4" = 1'-0"



A1 TRUSS ELEVATION 'RT1'
1/4" = 1'-0"

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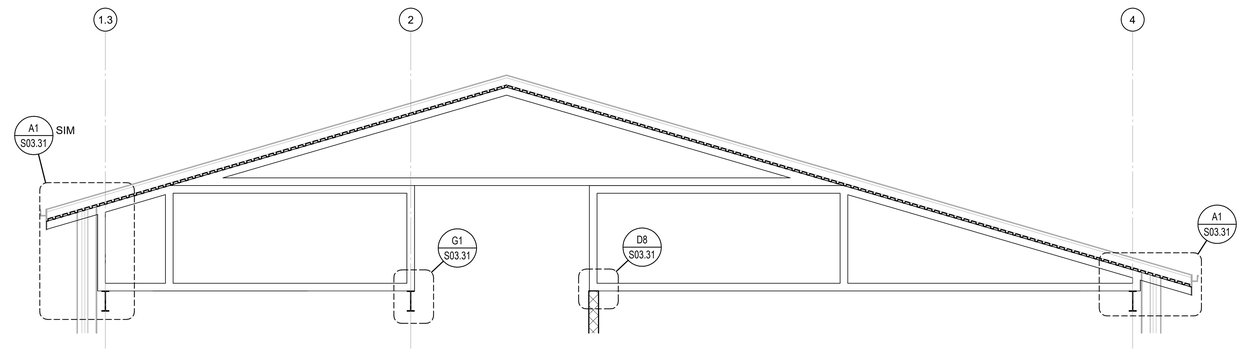
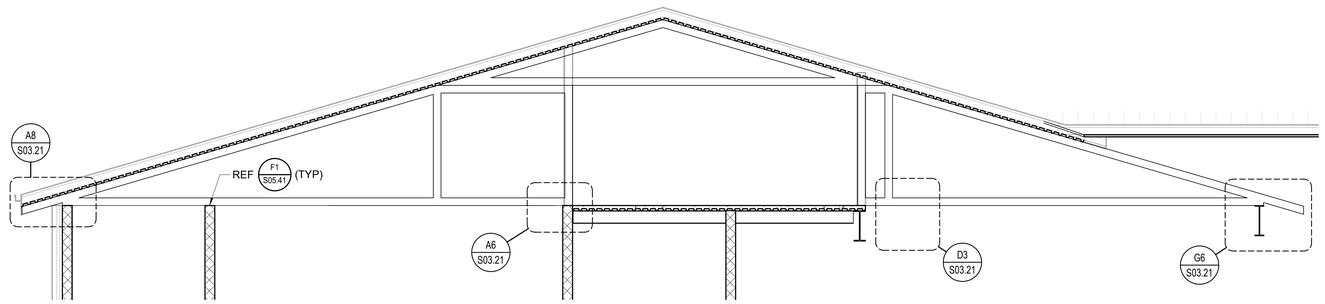
SHEET TITLE
TRUSS ELEVATIONS

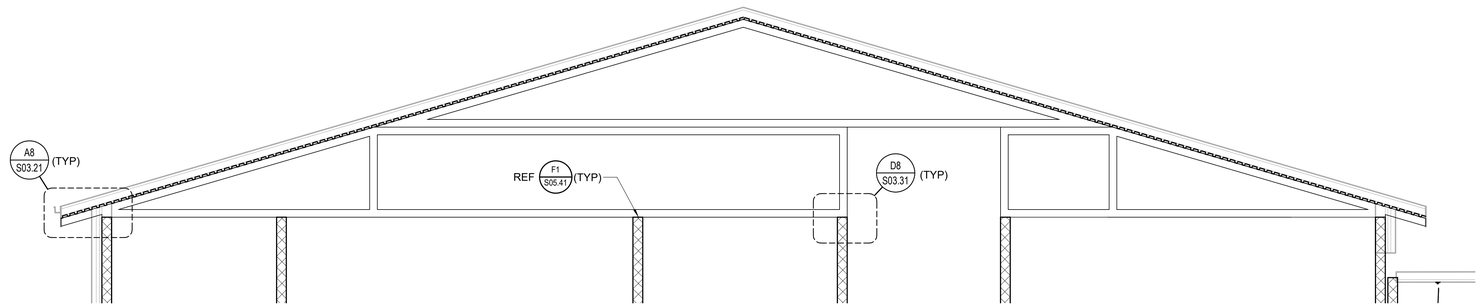
S02.11



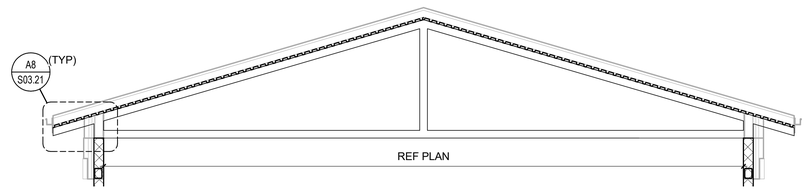
H1 TRUSS ELEVATION 'RT8'
1/4" = 1'-0"



E1 TRUSS ELEVATION 'RT7'
1/4" = 1'-0"



C1 TRUSS ELEVATION 'RT6'
1/4" = 1'-0"



A1 TRUSS ELEVATION 'RT5'
1/4" = 1'-0"

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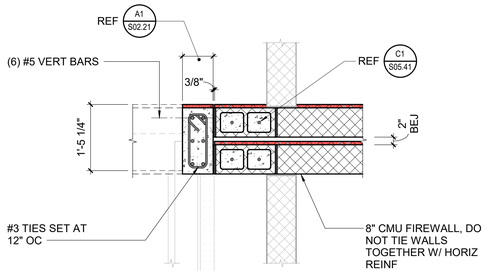
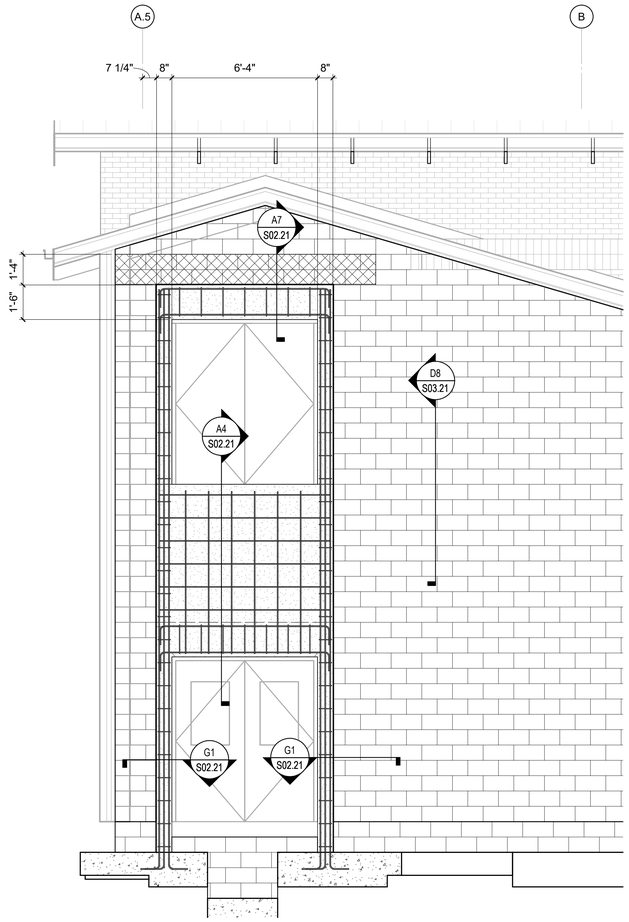
SHEET TITLE
TRUSS ELEVATIONS

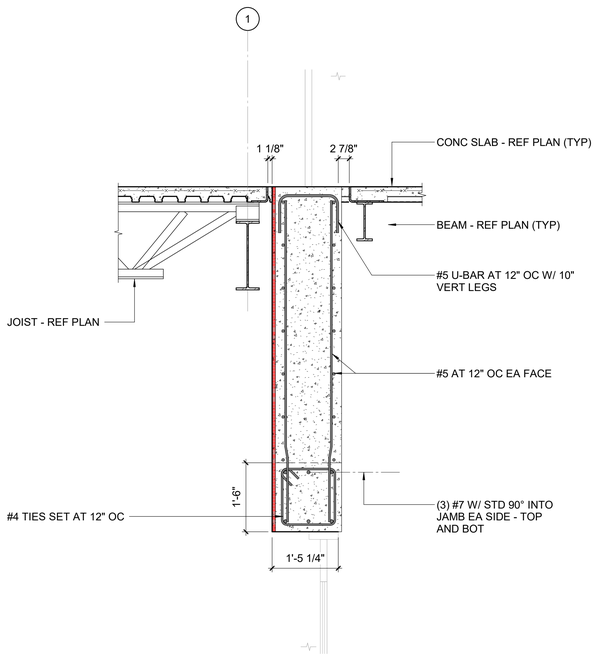
S02.12



G1 SECTION
3/4" = 1'-0"



A1 PORTAL FRAME ELEVATION - AREA A TO C
3/8" = 1'-0"



A4 SECTION
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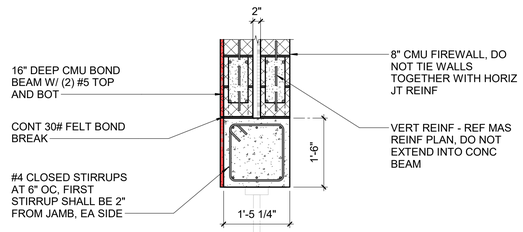

FOR DETAILS NOT NOTED REF A4 / S02.21

A7 SECTION
3/4" = 1'-0"

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

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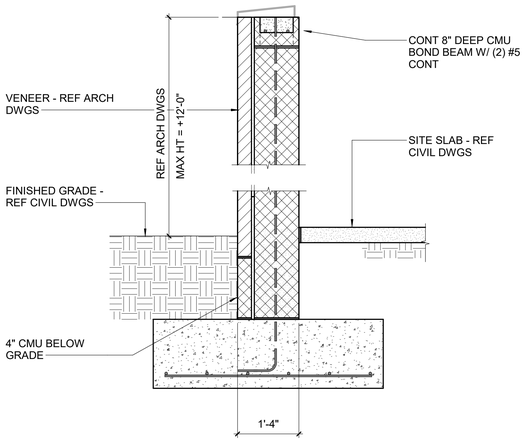
SHEET TITLE
PORTAL FRAME ELEVATIONS / DETAILS

S02.21



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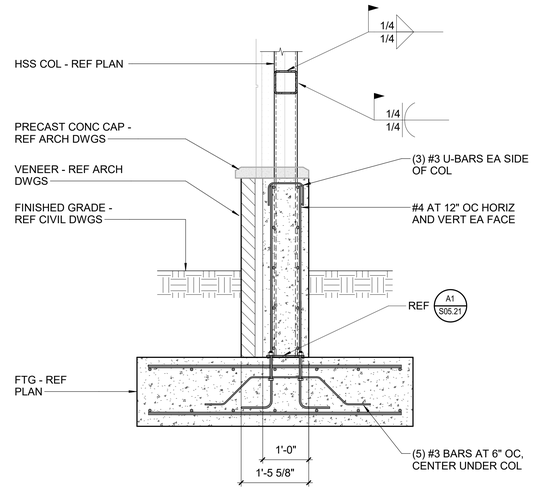
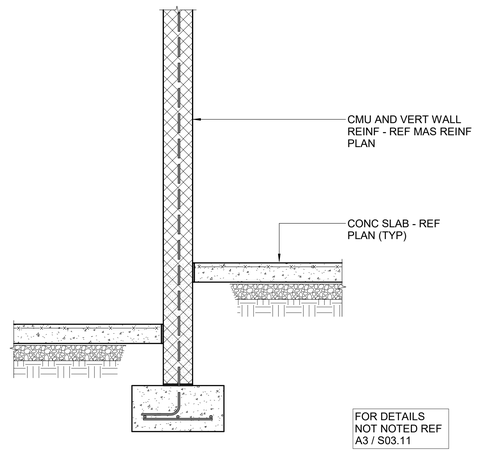
G1 SECTION
3/4" = 1'-0"



G3 SECTION
3/4" = 1'-0"



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G6 SECTION
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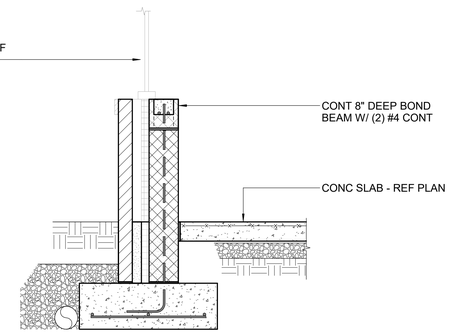


FOR DETAILS NOT NOTED REF A3 / S03.11

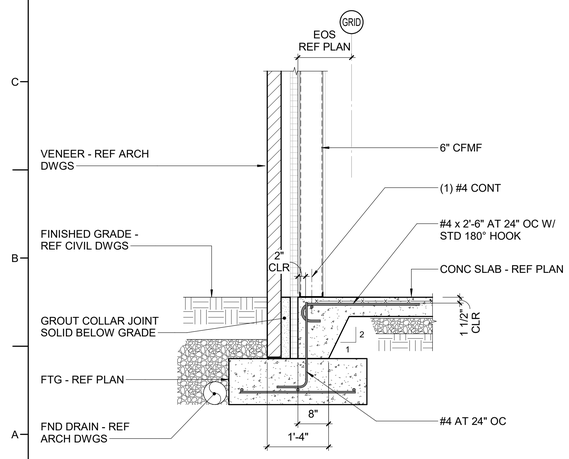
G8 SECTION
3/4" = 1'-0"

FOR DETAILS NOT NOTED REF A3 / S03.11

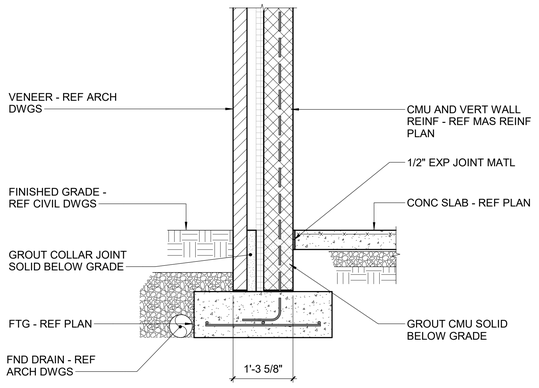
D1 SECTION
3/4" = 1'-0"

FOR DETAILS NOT NOTED REF D1 / S03.11

D6 SECTION
3/4" = 1'-0"



A1 SECTION
3/4" = 1'-0"



A3 SECTION
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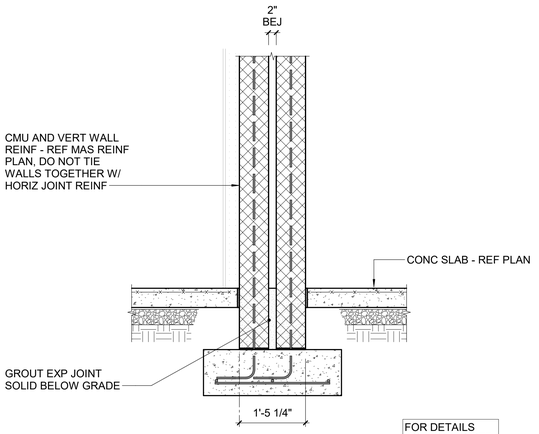

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A6 SECTION
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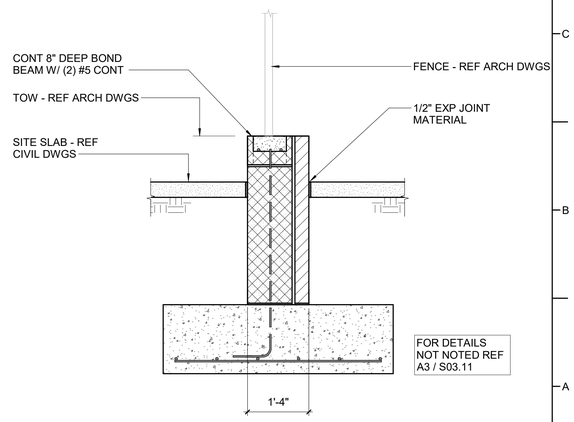

FOR DETAILS NOT NOTED REF A3 / S03.11

A8 SECTION
3/4" = 1'-0"

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SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING CORPORATION C-4360 NC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035705 DELANEY T. ORTIZ

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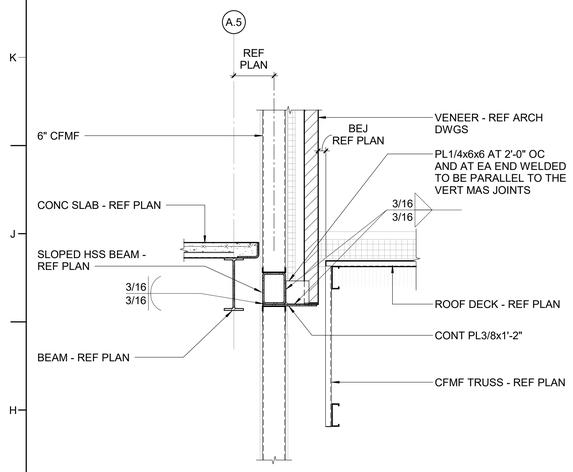
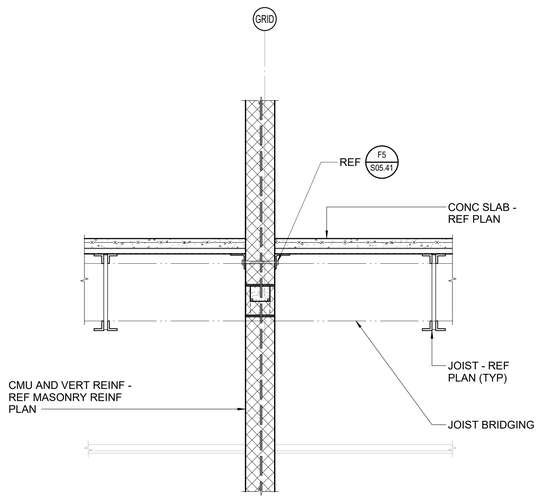
SHEET TITLE
FOUNDATION SECTIONS

S03.11



G1 SECTION
3/4" = 1'-0"



G3 SECTION
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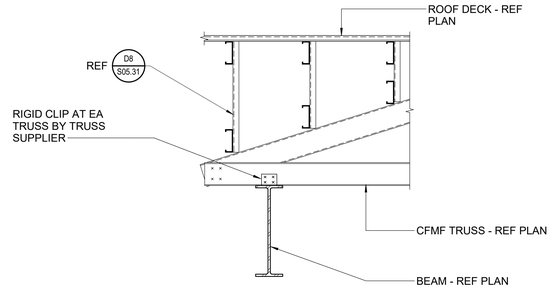
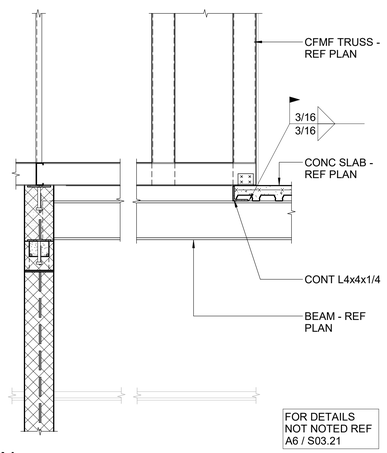


G6 SECTION
3/4" = 1'-0"



G8 SECTION
3/4" = 1'-0"

D1 SECTION
3/4" = 1'-0"

D3 SECTION
3/4" = 1'-0"

D6 SECTION
3/4" = 1'-0"

D8 SECTION
3/4" = 1'-0"

A1 SECTION
3/4" = 1'-0"

A3 SECTION
3/4" = 1'-0"

A6 SECTION
3/4" = 1'-0"

A8 SECTION
3/4" = 1'-0"

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ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL 049705 DELANEY T. ORTH ENGINEER

01/10/2025

DKA JOB NUMBER
2401

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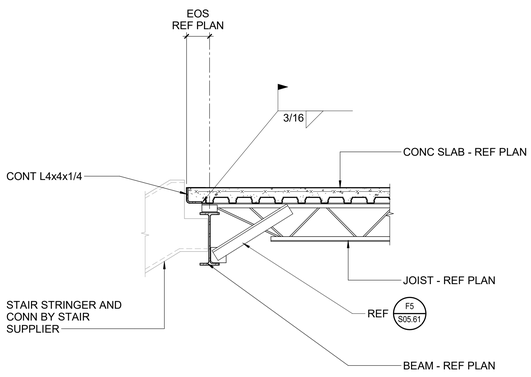
01/10/2025

SHEET TITLE
FRAMING SECTIONS

S03.21



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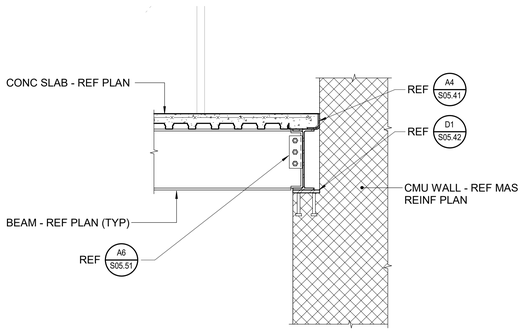

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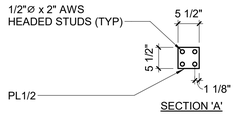

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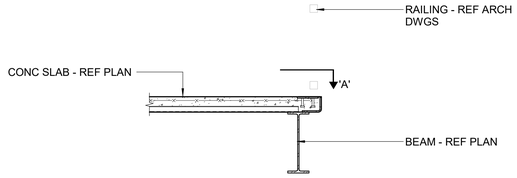

A6 SECTION
3/4" = 1'-0"

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PROJECT INFORMATION

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LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

01/10/2025

DKA JOB NUMBER
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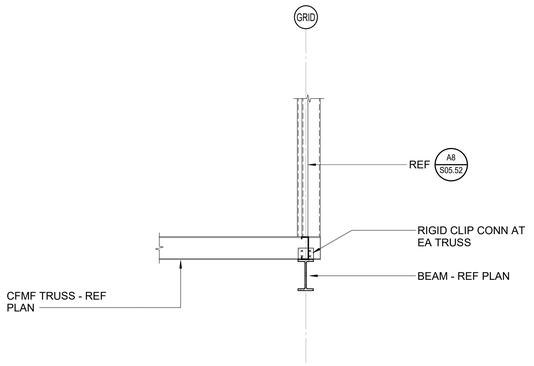
SHEET TITLE
FRAMING SECTIONS

S03.22



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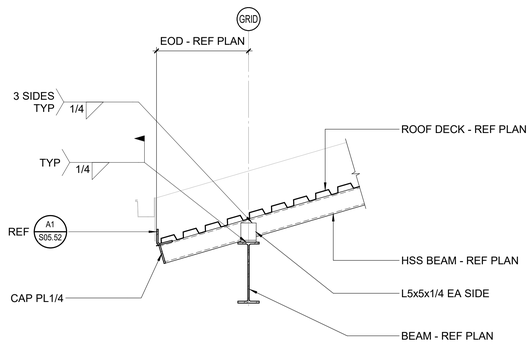

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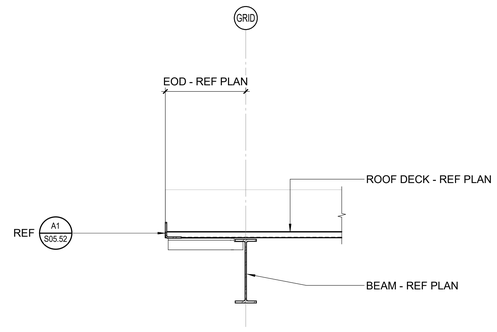

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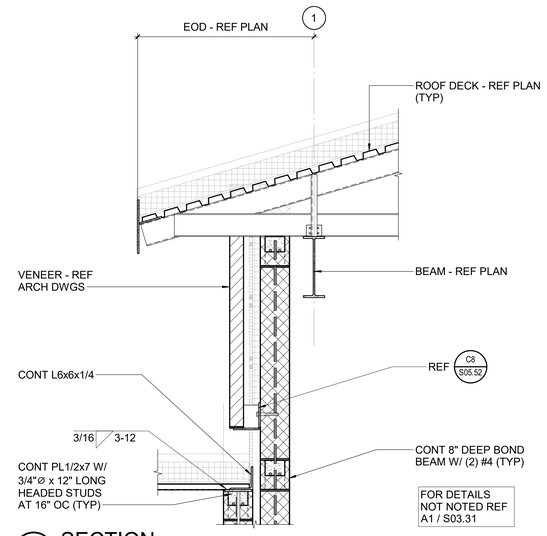

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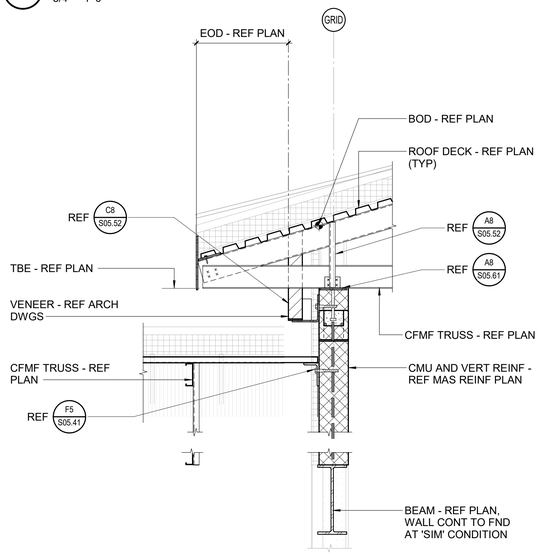
3/4" = 1'-0"



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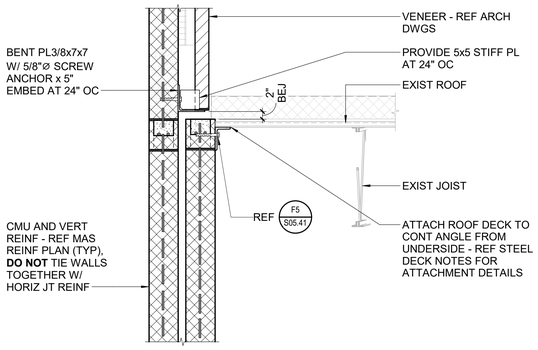
3/4" = 1'-0"



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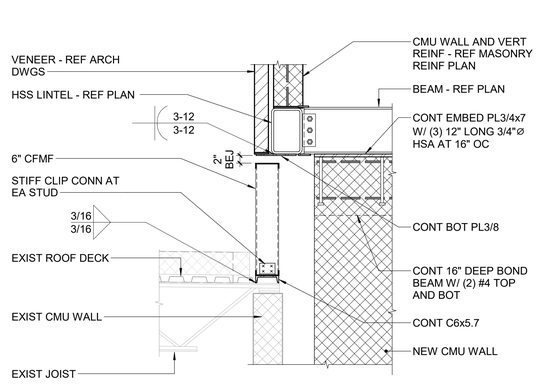
3/4" = 1'-0"



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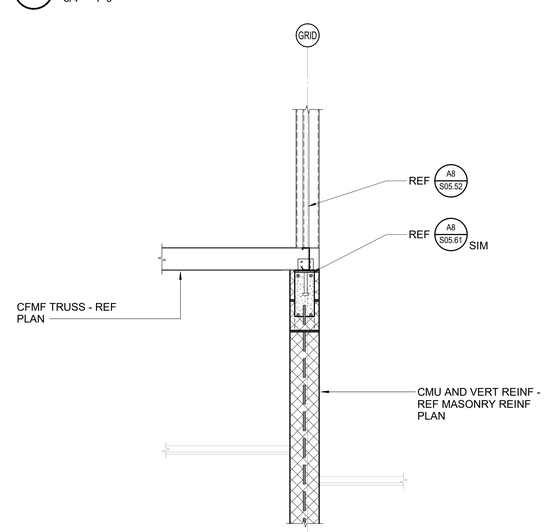

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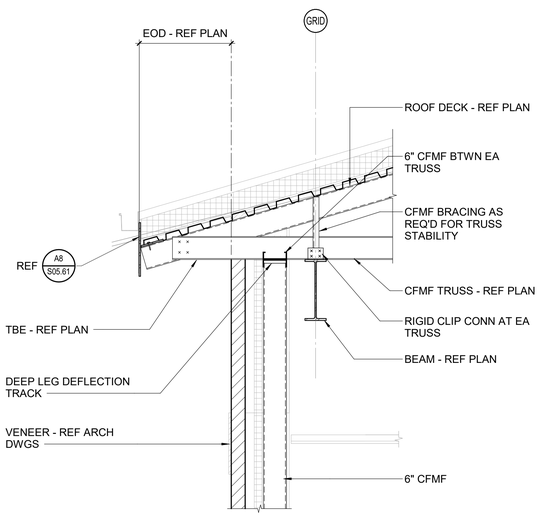
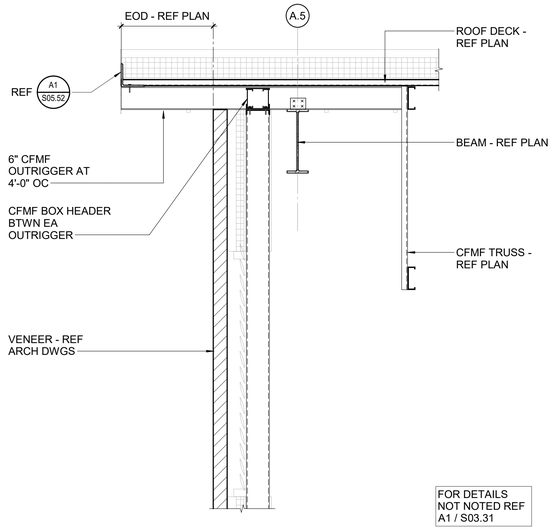
3/4" = 1'-0"



A1 SECTION
3/4" = 1'-0"



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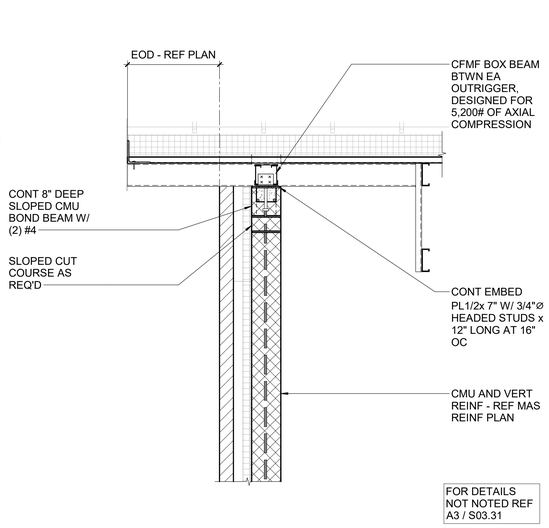

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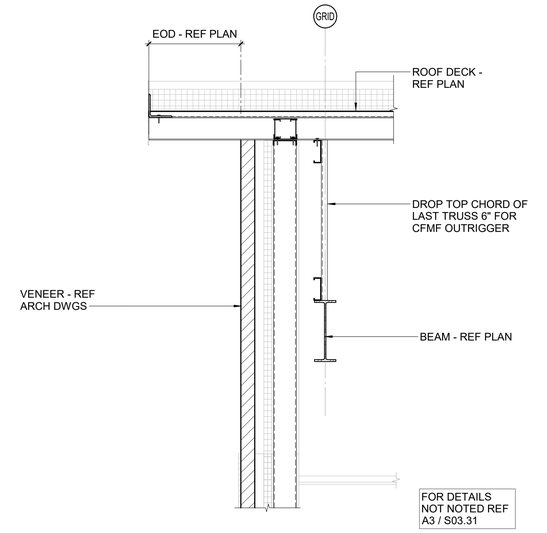

A8 SECTION
3/4" = 1'-0"

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA ENGINEERING CORPORATION C-4360

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 35705 DELMEY T. URIZ

01/10/2025

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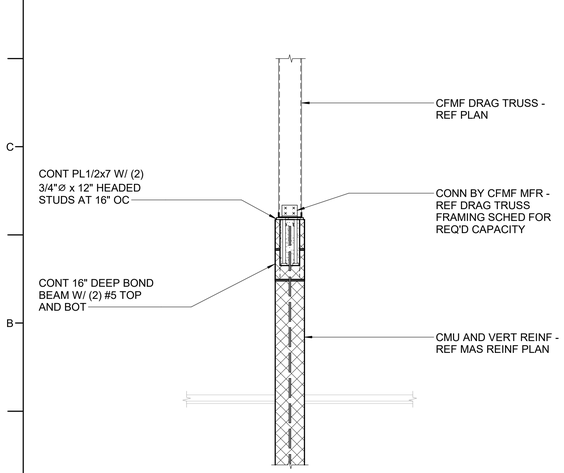
SHEET TITLE
FRAMING SECTIONS

S03.31



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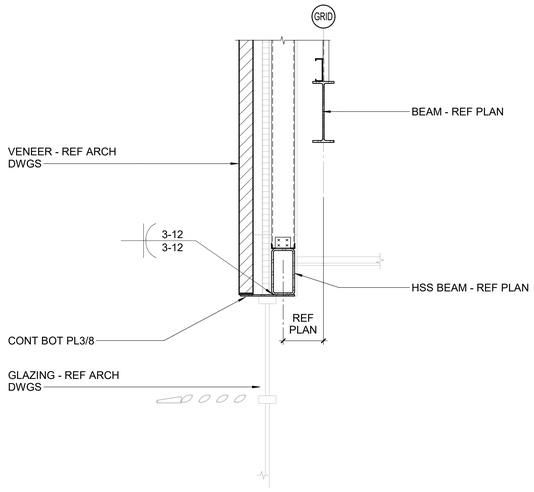

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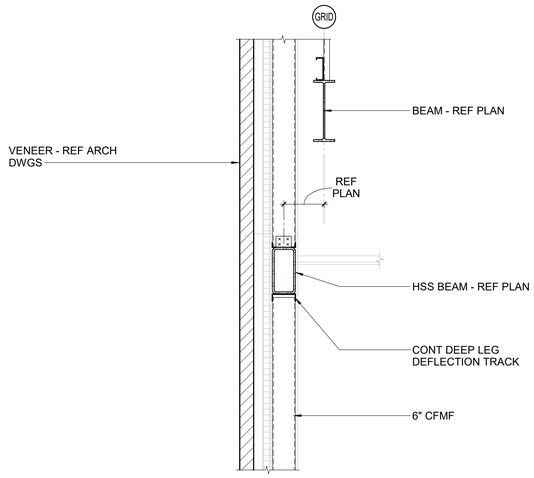

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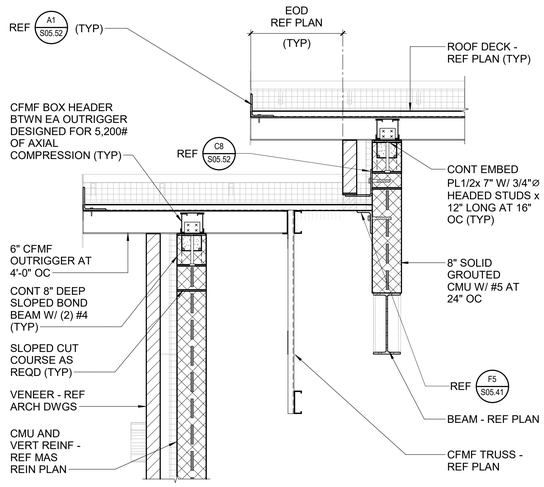

A8 SECTION
3/4" = 1'-0"

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LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
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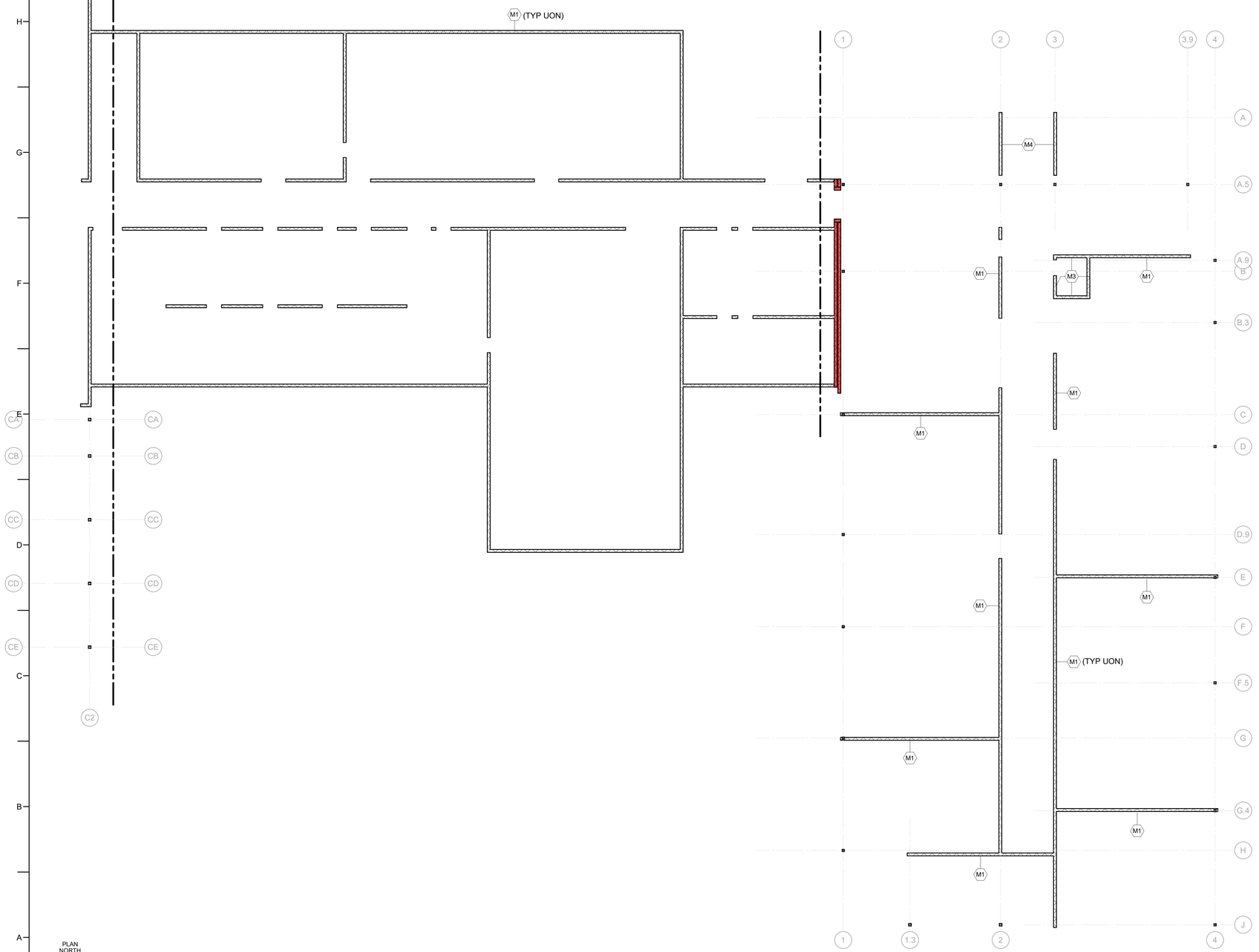
SHEET TITLE
FRAMING SECTIONS

S03.32



PLAN NORTH

A1 MASONRY REINFORCING PLAN - AREA A & C

1" = 10'-0"

MASONRY REINFORCEMENT PLAN NOTES

A. REFER TO DRAWING 'S00.01 AND S00.02' FOR STRUCTURAL NOTES, ABBREVIATIONS AND PLAN LEGEND.

B. REFER TO PLANS FOR DIMENSIONS.

C. IN ADDITION TO REINFORCING INDICATED, REFER TO DRAWINGS 'S05.41, S05.42, AND S05.43' AND 'S505' FOR TYPICAL MASONRY DETAILS.

D. REFER TO THE TYPICAL CONCRETE MASONRY REINFORCING DETAILS ON 'S05.41' AND CONCRETE MASONRY NOTES ON DRAWING 'S00.01' FOR PLACEMENT REQUIREMENTS FOR VERTICAL REINFORCING.

E. AT EACH LEVEL, CONTINUE WALL TYPE AND REINFORCING FROM LEVEL BELOW, UNLESS OTHERWISE NOTED.

F. REFER TO SECTIONS FOR HORIZONTAL REINFORCEMENT.

G. REINFORCE ALL EXTERIOR MASONRY WALLS ACCORDING TO THE MASONRY WALL VERTICAL REINFORCING SCHEDULE, THIS SHEET.

H. NON-BEARING INTERIOR MASONRY WALLS NOT SHOWN FOR CLARITY. REINFORCE ALL NON-BEARING INTERIOR WALLS NOT DESIGNATED WITH A WALL MARK WITH #4 AT 40" OC.

I. REFER TO TYPICAL FIREWALL PORTALS LINTEL DETAILS ON DRAWING 'S02.21' FOR SPECIAL REINFORCING REQUIRED AT FIRE WALLS.

J. GROUT ALL CMU CELLS BELOW GRADE SOLID.

K. CONTROL JOINTS FOR CONCRETE MASONRY WALLS ARE NOT INDICATED ON STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR JOINT LOCATIONS AND DETAILS. COORDINATE JOINT LOCATIONS WITH LINTEL BEARING LOCATIONS. DO NOT LOCATE JOINTS AT LINTEL OR BEAM BEARING LOCATIONS.

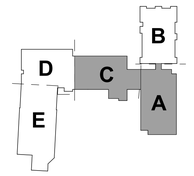
L. PROVIDE HORIZONTAL BOND BEAMS WITH CONTINUOUS REINFORCEMENT AS INDICATED. CONTINUE BOND BEAM AND REINFORCEMENT AT ROOF OR FLOOR BEARING ELEVATION THRU CONTROL JOINT. DISCONTINUE INTERMEDIATE BOND BEAM REINFORCING AT CONTROL JOINTS. OFFSET CONTROL JOINTS AT LINTEL BEARING AS INDICATED.

M. AT ALL WALL OPENINGS, PROVIDE REINFORCING IN WALL OVER OPENING TO MATCH REINFORCING IN ADJACENT WALLS.

N. REFER TO LINTEL FRAMING PLAN, S04.13 FOR STEEL REQUIREMENTS.

MASONRY WALL REINFORCING SCHEDULE

MARK	WALL TYPE	VERTICAL REINFORCING	HORIZONTAL REINFORCING
M1	8" CMU	#5 AT 24"OC	-
M2	12" CMU	#5 AT 16"OC	-
M3	8" CMU	#5 AT 16"OC, GROUT ENTIRE WALL SOLID	(2) #5 AT 24" OC IN 8" BOND BEAM
M4	8" CMU	#5 AT 16"OC	-



KEY PLAN - 1ST FLOOR

NTS

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WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA ENGINEERING CORPORATION C-4360 NORTH CAROLINA STRUCTURAL ENGINEERING

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035705 DELANEY T. ORTIZ

01/10/2025

DKA JOB NUMBER
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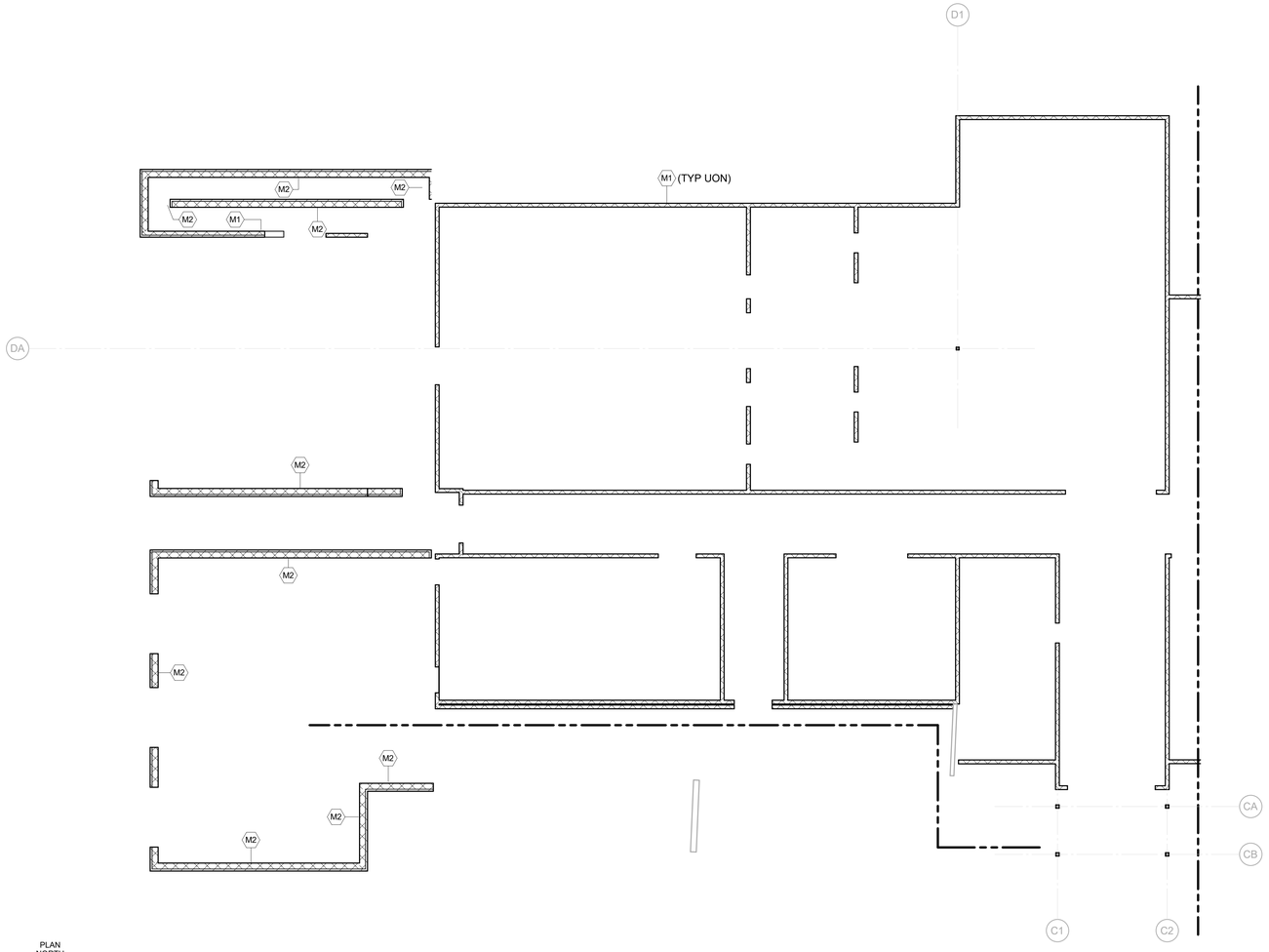
SHEET TITLE
MASONRY REINFORCING PLAN - AREA A & C

S04.11



PLAN NORTH

D1 MASONRY REINFORCING PLAN - AREA D & E
1" = 10'-0"

MASONRY REINFORCEMENT PLAN NOTES

A. REFER TO DRAWING 'S00.01 AND S00.02' FOR STRUCTURAL NOTES, ABBREVIATIONS AND PLAN LEGEND.

B. REFER TO PLANS FOR DIMENSIONS.

C. IN ADDITION TO REINFORCING INDICATED, REFER TO DRAWINGS 'S05.41, S05.42, AND S05.43' AND 'S505' FOR TYPICAL MASONRY DETAILS.

D. REFER TO THE TYPICAL CONCRETE MASONRY REINFORCING DETAILS ON 'S05.41' AND CONCRETE MASONRY NOTES ON DRAWING 'S00.01' FOR PLACEMENT REQUIREMENTS FOR VERTICAL REINFORCING.

E. AT EACH LEVEL, CONTINUE WALL TYPE AND REINFORCING FROM LEVEL BELOW, UNLESS OTHERWISE NOTED.

F. REFER TO SECTIONS FOR HORIZONTAL REINFORCEMENT.

G. REINFORCE ALL EXTERIOR MASONRY WALLS ACCORDING TO THE MASONRY WALL VERTICAL REINFORCING SCHEDULE, THIS SHEET.

H. NON-BEARING INTERIOR MASONRY WALLS NOT SHOWN FOR CLARITY. REINFORCE ALL NON-BEARING INTERIOR WALLS NOT DESIGNATED WITH A WALL MARK WITH #4 AT 40" OC.

I. REFER TO TYPICAL FIREWALL PORTALS LINTEL DETAILS ON DRAWING 'S02.21' FOR SPECIAL REINFORCING REQUIRED AT FIRE WALLS.

J. GROUT ALL CMU CELLS BELOW GRADE SOLID.

K. CONTROL JOINTS FOR CONCRETE MASONRY WALLS ARE NOT INDICATED ON STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR JOINT LOCATIONS AND DETAILS. COORDINATE JOINT LOCATIONS WITH LINTEL BEARING LOCATIONS. DO NOT LOCATE JOINTS AT LINTEL OR BEAM BEARING LOCATIONS.

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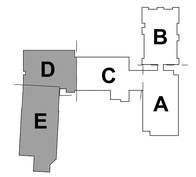
M. AT ALL WALL OPENINGS, PROVIDE REINFORCING IN WALL OVER OPENING TO MATCH REINFORCING IN ADJACENT WALLS.

N. REFER TO LINTEL FRAMING PLAN, S04.13 FOR STEEL REQUIREMENTS.

MASONRY WALL REINFORCING SCHEDULE

MARK	WALL TYPE	VERTICAL REINFORCING	HORIZONTAL REINFORCING
M1	8" CMU	#5 AT 24"OC	-
M2	12" CMU	#5 AT 16"OC	-
M3	8" CMU	#5 AT 16"OC, GROUT ENTIRE WALL SOLID	(2) #5 AT 24" OC IN 8" BOND BEAM
M4	8" CMU	#5 AT 16"OC	-



KEY PLAN - 1ST FLOOR
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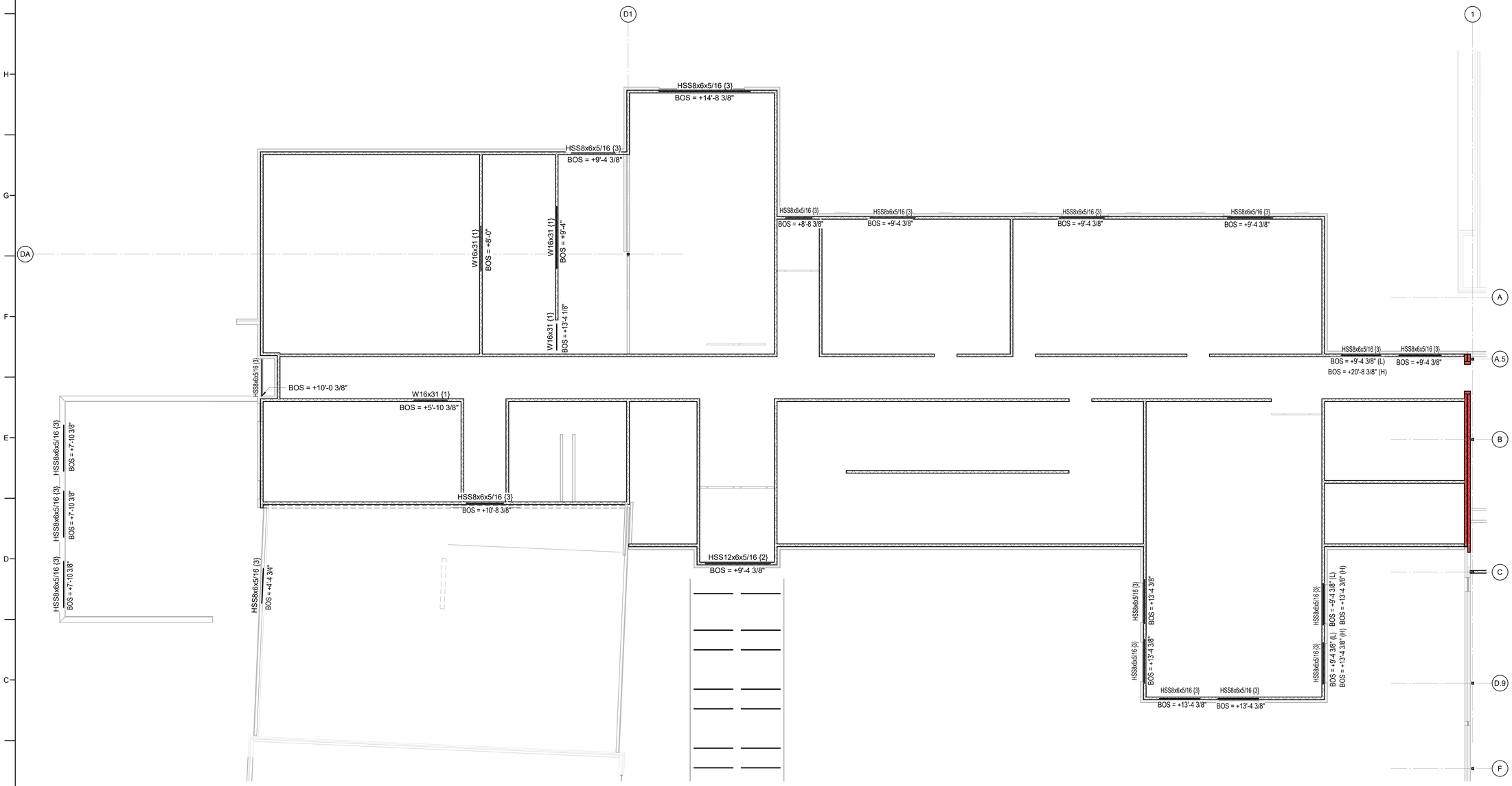
SHEET TITLE
MASONRY REINFORCING PLAN - AREA D & E

S04.12

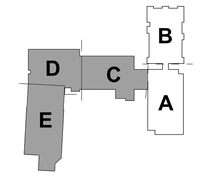
KEY NOTES



PLAN NORTH

B1 LINTEL FRAMING PLAN - AREA C, D & E

1" = 10'-0"



KEY PLAN - 1ST FLOOR

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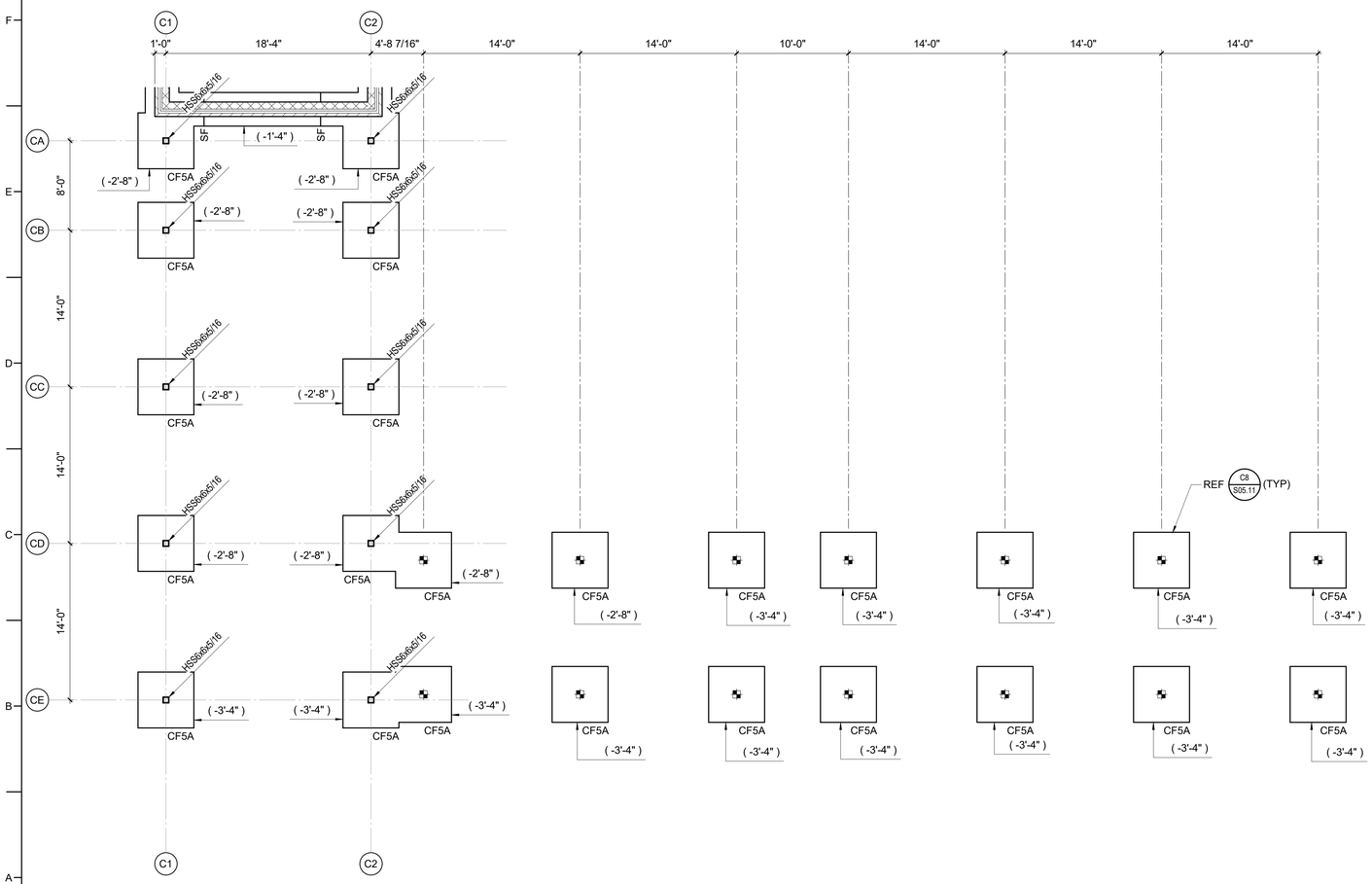
SHEET TITLE

LINTEL FRAMING PLAN - AREA C,D & E

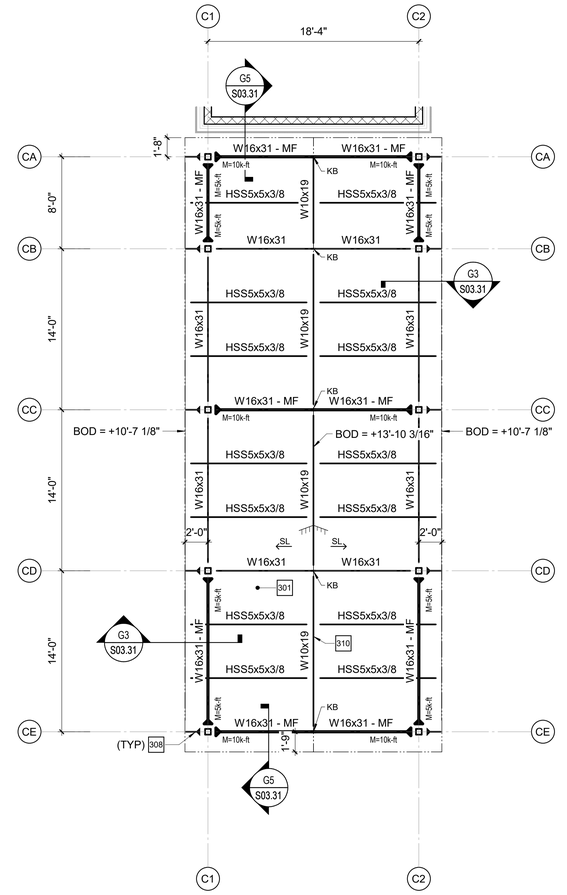
S04.13

KEY NOTES

301	1 1/2" ROOF DECK. REFERENCE STEEL DECK NOTES.
308	HSS5x5x5/16 OUTRIGGER.
310	MITER TUBES TO FORM RIDGE. ATTACH TO WIDE FLANGE BEAM WITH (2) L6x6x1/4.



A1 ENLARGED FOUNDATION PLAN
3/16" = 1'-0"



A7 ENLARGED FRAMING PLAN
3/16" = 1'-0"

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LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

REVISIONS

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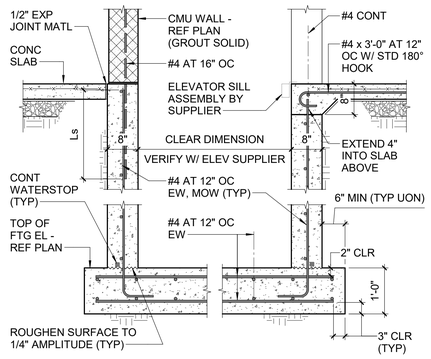
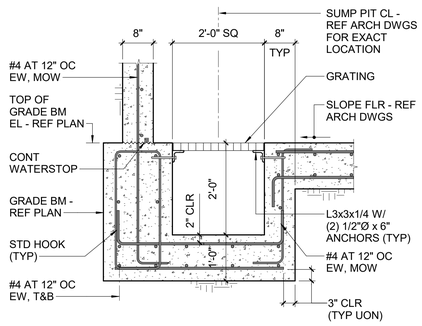
SHEET TITLE
ENLARGED PLANS

S04.21



H1 TYPICAL ELEVATOR PIT DETAIL
NTS



H3 ELEVATOR SUMP PIT DETAIL
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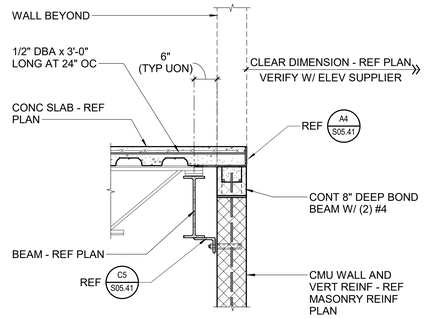
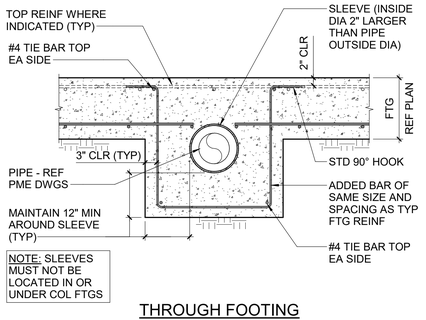
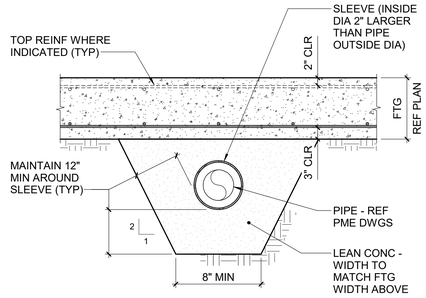


H6 TYPICAL ELEVATOR OPENING DETAILS AT ELEVATED FLOORS
NTS

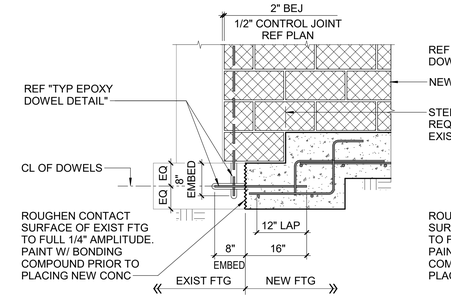


THROUGH FOOTING



BELOW FOOTING

F1 TYPICAL PIPE SLEEVE AT WALL FOOTING DETAILS
NTS



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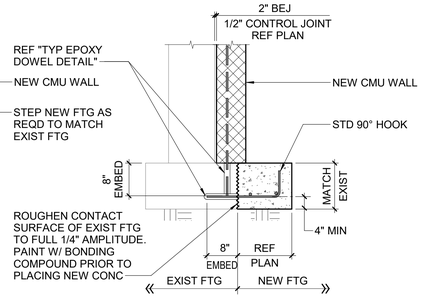
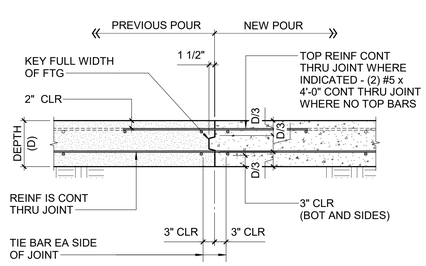
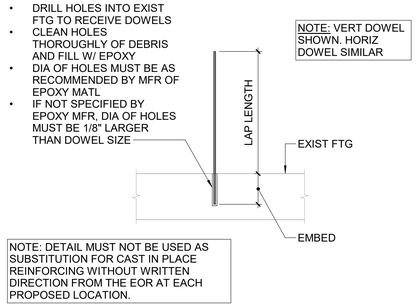


PARALLEL

F5 TYPICAL DETAIL AT INTERSECTION OF NEW AND EXISTING WALL FOOTINGS
NTS



C1 TYPICAL WALL FOOTING CONSTRUCTION JOINT DETAIL
NTS



C3 TYPICAL EPOXY DOWEL DETAIL
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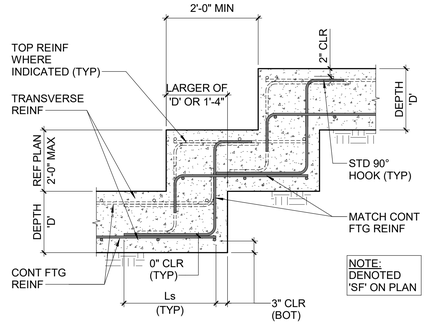

C6 TYPICAL STEPPED WALL FOOTING DETAIL
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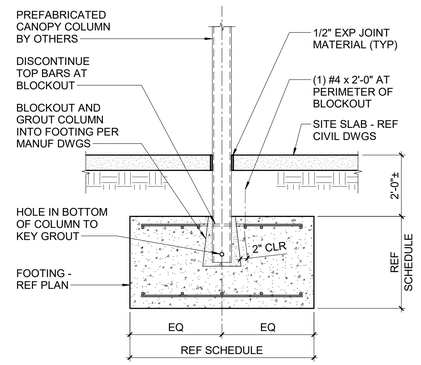
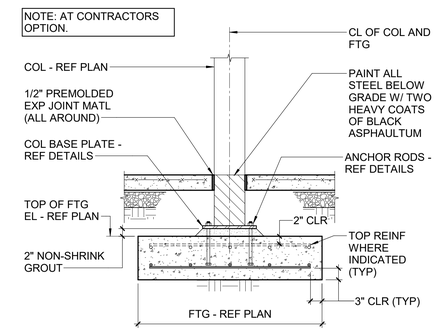


C8 TYPICAL PREFAB COLUMN FOOTING DETAIL
NTS



A1 TYPICAL COLUMN & FOOTING DETAIL
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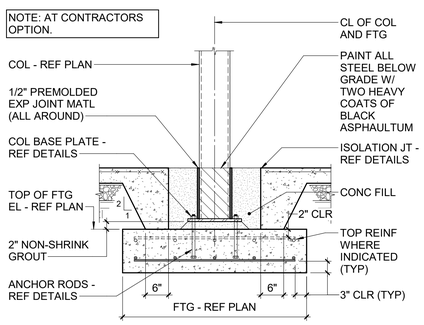

A3 TYPICAL COLUMN & FOOTING DETAIL
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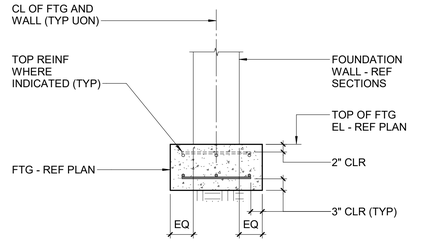

A6 TYPICAL WALL FOOTING DETAIL
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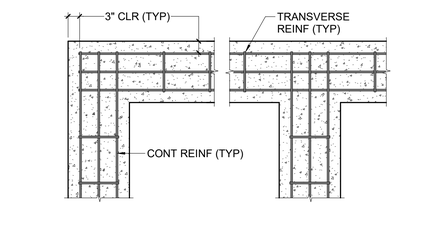

A8 TYPICAL WALL FOOTING CORNER & INTERSECTION DETAILS
NTS

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL C-4360 STRUCTURAL ENGINEER

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 35705 ENGINEER DELANEY T. CRITZ
01/10/2025

DKA JOB NUMBER
2401

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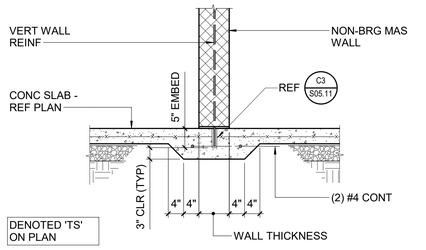
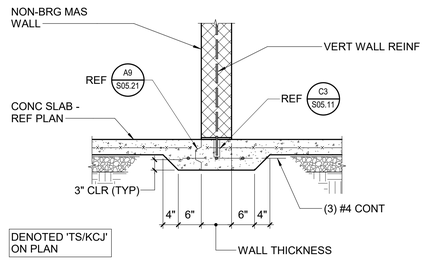
SHEET TITLE
TYPICAL DETAILS

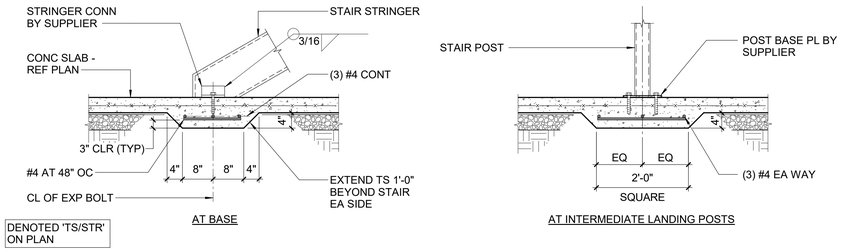
S05.11



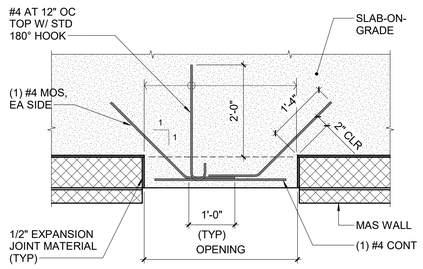
H1 TYPICAL THICKENED SLAB DETAIL
NTS



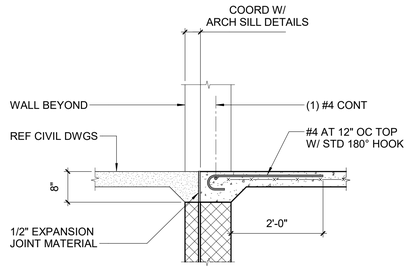
H3 TYPICAL THICKENED SLAB / KEYED CONSTRUCTION JOINT DETAIL
NTS



H6 TYPICAL THICKENED SLAB AT STAIR LANDING DETAIL
NTS



PLAN



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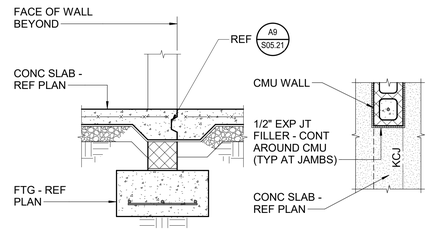
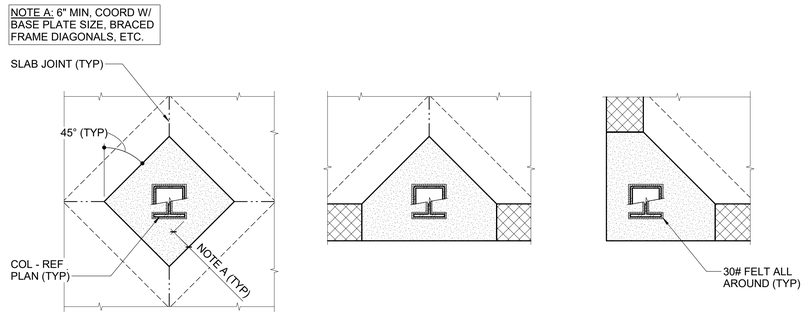


SECTION PLAN



INTERIOR EXTERIOR CORNER

E1 TYPICAL EXTERIOR DOORS / OPENINGS DETAIL
NTS

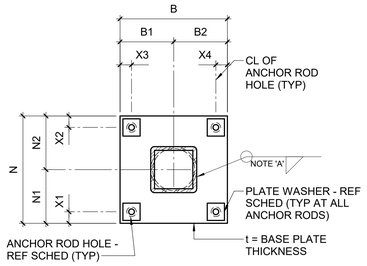
E5 TYPICAL DETAIL AT INTERIOR DOOR OPENINGS
NTS

E7 TYPICAL COLUMN ISOLATION JOINT DETAIL
NTS

COLUMN BASE PLATE SCHEDULE - GRAVITY COLUMNS

MARK	BASE PLATE DIMENSIONS B	N	t	B1	B2	N1	N2	X1	X2	X3	X4	ANCHOR RODS DIAMETER	QUANTITY	EMBED	REMARKS
BPG-1	12"	12"	3/4"	6"	6"	6"	6"	2"	2"	2"	2"	3/4"	4	9"	
BPG-2	12"	12"	1"	6"	6"	6"	6"	2"	2"	2"	2"	1"	4	12"	

NOTE: ALL BASE PLATES ARE BPG-1 UON ON PLAN.



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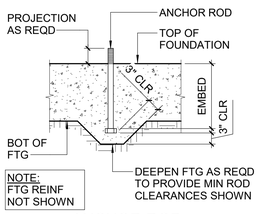


ANCHOR ROD
SHALLOW FOUNDATIONS

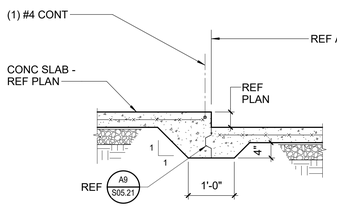
A1 GRAVITY COLUMN BASE PLATE AND ANCHOR ROD DETAILS
NTS

ANCHOR ROD HOLES AND WASHER SCHEDULE

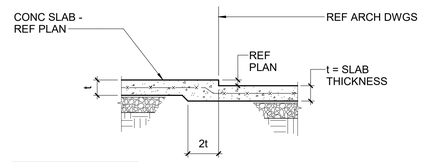
ANCHOR ROD	OVERSIZED HOLE WITH PLATE WASHER: BASE PLATE HOLE	WASHER SIZE	WASHER HOLE	WASHER THICKNESS	STANDARD HOLE: BASE PLATE HOLE	WASHER
3/4"Ø	1 5/16"Ø	2" SQ	13/16"Ø	1/4"	1 1/16"Ø	ASTM F844
7/8"Ø	1 9/16"Ø	2 1/2" SQ	15/16"Ø	5/16"	1 3/16"Ø	ASTM F844
1"Ø	1 13/16"Ø	3" SQ	1 1/16"Ø	3/8"	1 1/2"Ø	ASTM F844
1 1/4"Ø	2 1/16"Ø	3 1/2" SQ	1 5/16"Ø	1/2"	1 3/4"Ø	ASTM F844
1 1/2"Ø	2 5/16"Ø	4" SQ	1 9/16"Ø	1/2"	2"Ø	ASTM F844

NOTE:
A. PROVIDE MINIMUM SIZE WELD PER AISC TABLE J2.4.

B. GENERAL CONTRACTOR'S OPTION TO USE STANDARD OR OVERSIZED HOLES IN GRAVITY COLUMN BASE PLATES. NO WELDING REQUIRED AT PLATE WASHERS USED WITH OVERSIZED HOLES.

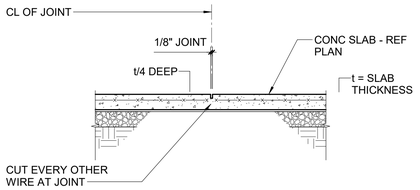


GREATER THAN 4"



4" OR LESS

C7 TYPICAL DEPRESSED SLAB DETAILS
NTS



A7 TYPICAL SAWED JOINT DETAIL
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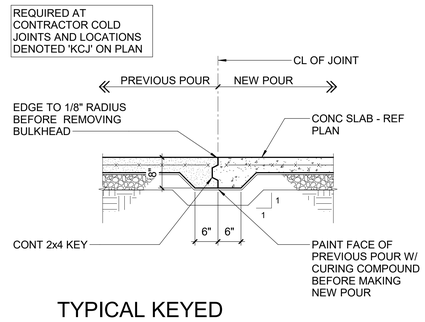

A9 TYPICAL KEYED CONSTRUCTION JOINT DETAIL
NTS

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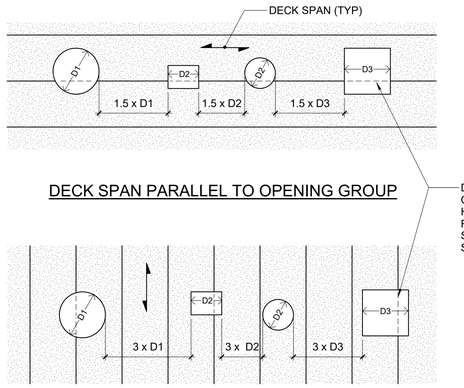
SHEET TITLE
TYPICAL DETAILS

S05.21

NOTES:

1. SEE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR LOCATIONS AND SIZE OF FLOOR PENETRATIONS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL FRAMING PLANS.
2. PENETRATIONS, LESS THAN OR EQUAL TO 6" IN ANY DIMENSION MUST BE PERMITTED IN THE ELEVATED SLAB ON METAL DECK WITHOUT REINFORCING, PROVIDED THE SPACING BETWEEN PENETRATIONS DOES NOT EXCEED THE FOLLOWING, AS DEPICTED BELOW:
   A. WHERE DECK SPAN IS PARALLEL TO THE GROUP OF PENETRATIONS: CLEAR SPACING MUST NOT BE LESS THAN 1.5 TIMES THE WIDTH / DIAMETER OF THE LARGER ADJACENT PENETRATION OR 4", WHICHEVER IS GREATER.
   B. WHERE DECK SPAN IS PERPENDICULAR TO THE GROUP OF PENETRATIONS: CLEAR SPACING MUST NOT BE LESS THAN 3 TIMES THE WIDTH OF THE LARGER ADJACENT PENETRATION, OR 8", WHICHEVER IS GREATER.
3. IF THE SPACING REQUIREMENTS BELOW CANNOT BE MET, THE CONTRACTOR MUST BE PERMITTED TO REINFORE THE SLAB PER THE TYPICAL FLOOR SLAB REINFORCING DETAIL AT OPENINGS LARGER THAN 6".
4. BLOCKOUTS OR DRILLED CORES ARE PERMITTED, HOWEVER, FLOOR DECK MUST REMAIN CONTINUOUS AND NOT BE CUT UNTIL CONCRETE HAS BEEN PLACED AND HAS REACHED 75% OF IT'S SPECIFIED DESIGN STRENGTH.



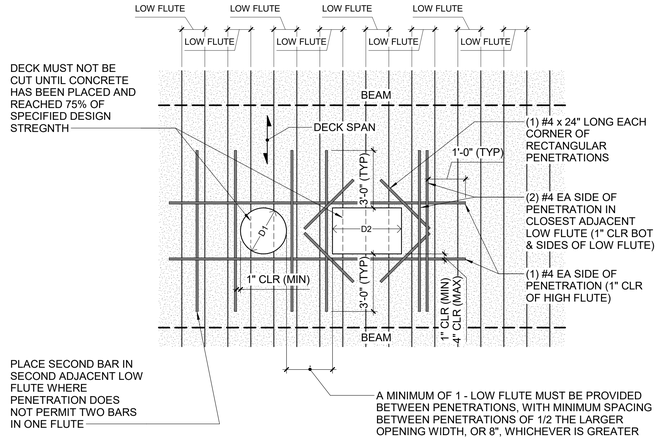
DECK SPAN PARALLEL TO OPENING GROUP

DECK SPAN PERPENDICULAR TO OPENING GROUP

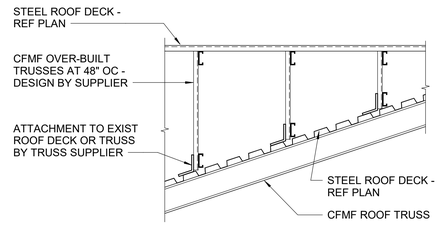
D3 TYPICAL SPACING REQUIREMENTS FOR FLOOR PENETRATIONS 6" WIDE OR LESS
NTS

NOTES:

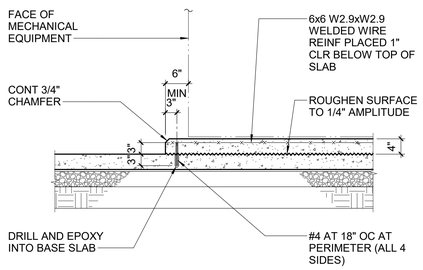
1. SEE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR LOCATIONS AND SIZE OF FLOOR PENETRATIONS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL FRAMING PLANS.
2. PENETRATIONS, GREATER THAN 6", BUT LESS THAN OR EQUAL TO 24" IN ANY DIRECTION ARE PERMITTED IN THE ELEVATED SLAB ON METAL DECK WITHOUT ADDITIONAL STRUCTURAL STEEL FRAMING, PROVIDED THE SLAB IS REINFORCED AS INDICATED BELOW.
3. A MINIMUM OF (1) LOW FLUTE MUST BE PROVIDED BETWEEN PENETRATIONS, WITH MINIMUM SPACING BETWEEN PENETRATIONS OF 1/2 THE LARGER OPENING WIDTH, OR 8", WHICHEVER IS GREATER.



D6 TYPICAL SPACING REQUIREMENTS FOR FLOOR PENETRATIONS 6" OR WIDER
NTS

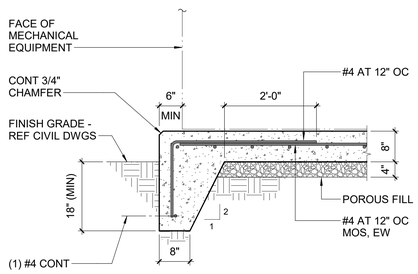


D8 TYPICAL COLD FORMED OVER-BUILT ROOF FRAMING DETAIL
NTS

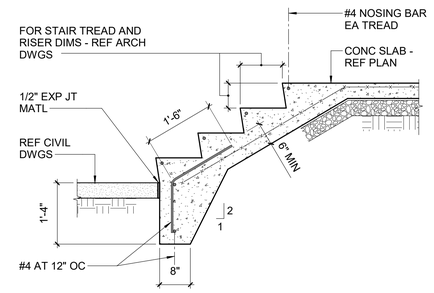


A1 TYPICAL HOUSEKEEPING PAD DETAIL
NTS

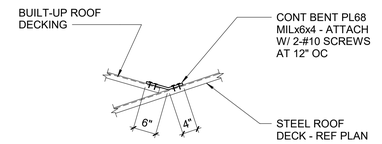
NOTES:
1. REF MECHANICAL/CIVIL DRAWINGS FOR DIMENSIONS AND LOCATION OF CONCRETE PAD.
2. COORDINATE ANY REQUIRED ANCHORAGE EMBEDS NEEDED FOR THE EQUIPMENT PLACED ON PAD.



A3 TYPICAL EXTERIOR EQUIPMENT PAD DETAIL
NTS



A6 TYPICAL CONCRETE STAIR-ON-GRADE REINFORCING DETAIL
NTS



A8 TYPICAL BUILT-UP ROOF VALLEY DETAIL
NTS

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PROJECT INFORMATION

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LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL C-4360 DELANEY T. ORTY STRUCTURAL ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 039705 ENGINEER DELANEY T. ORTY
01/10/2025

DKA JOB NUMBER
2401

REVISIONS
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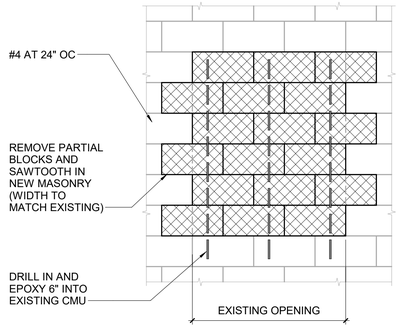
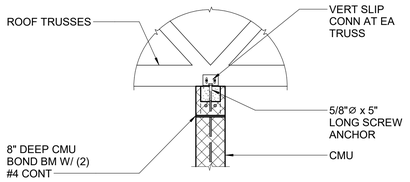
01/10/2025

SHEET TITLE
TYPICAL DETAILS

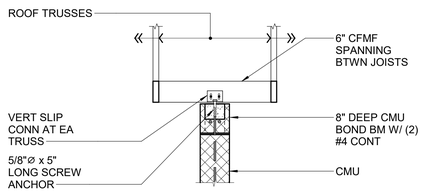
S05.31



H1 TYPICAL MASONRY INFILL DETAIL
NTS

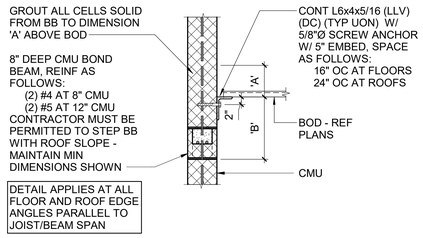


PERPENDICULAR TO TRUSSES

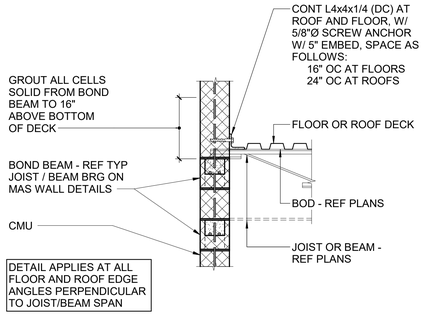


PARALLEL TO TRUSSES

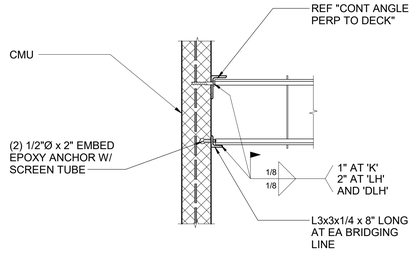
GROUT DIMENSION SCHEDULE		
DIM	FLOOR	ROOF
'A'	14" MIN	8" MIN
'B'	18" MIN	12" MIN



CONT ANGLE (PERP TO DECK)

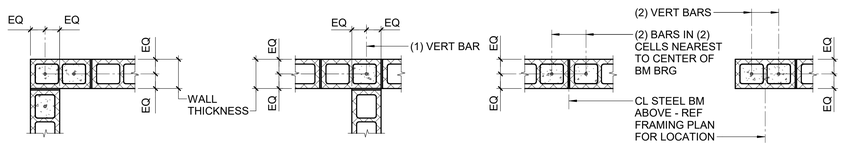


CONT ANGLE (PARALLEL TO DECK)

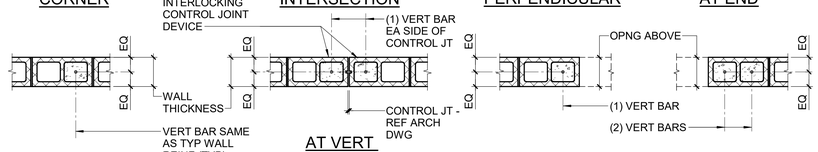


BRIDGING ANCHORAGE

F1 TYPICAL NON-BEARING MASONRY PARTITION BRACING DETAILS
NTS

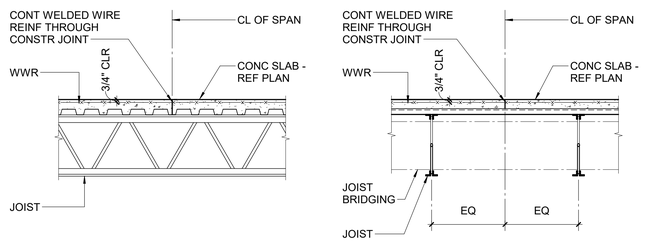


CORNER | INTERSECTION | BEAM BEARING PERPENDICULAR | BEAM BEARING AT END



TYPICAL | AT VERT CONTROL JOINT | OPENING < 48" | OPENING > 48"

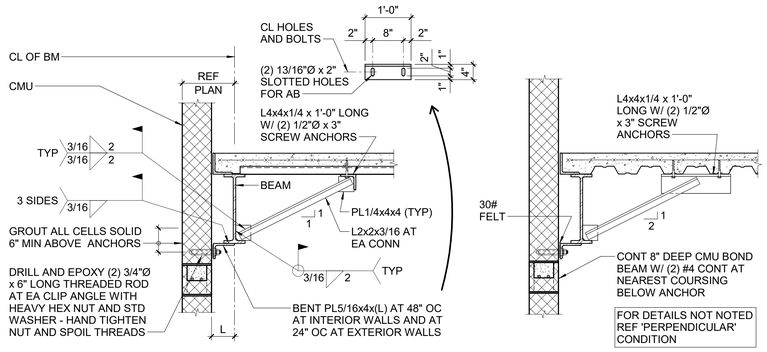
C1 TYPICAL CONCRETE MASONRY REINFORCING DETAILS
NTS



PERPENDICULAR | PARALLEL

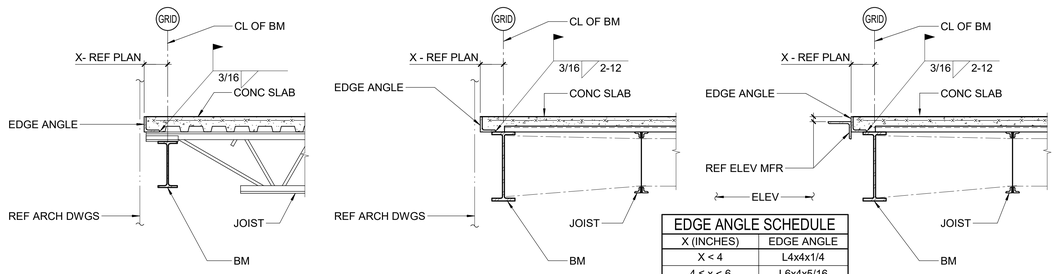
A1 TYPICAL ELEVATED SLAB CONSTRUCTION JOINT DETAILS
NTS

F5 TYPICAL MASONRY ANCHORAGE DETAILS
NTS



PERPENDICULAR | PARALLEL

C5 TYPICAL CMU WALL BRACE DETAILS
NTS



EDGE ANGLE SCHEDULE	
X (INCHES)	EDGE ANGLE
X < 4	L4x4x1/4
4 ≤ x < 6	L6x4x5/16
6 ≤ x ≤ 11 1/2	BENT PL3/8

NOTE: FOR EDGE ANGLES NOT OTHERWISE NOTED.

PERPENDICULAR | PARALLEL | AT ELEVATOR

A4 TYPICAL SLAB EDGE DETAILS
NTS

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PROJECT INFORMATION

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LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
WAYNE COUNTY PUBLIC SCHOOLS
541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

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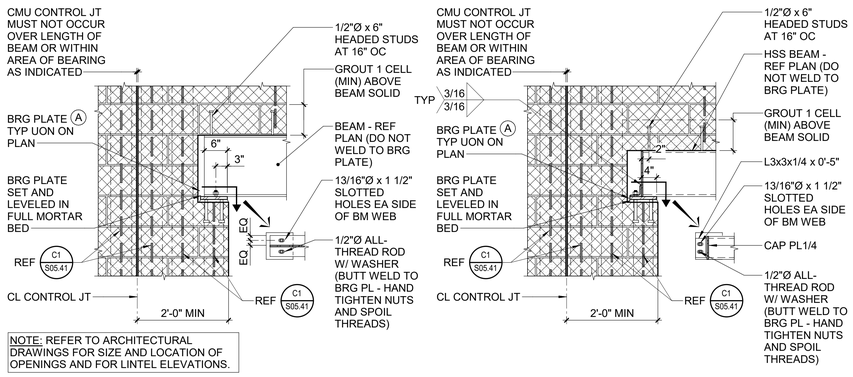
SHEET TITLE
TYPICAL DETAILS

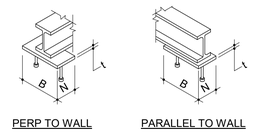
S05.41



NOTE: REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS AND FOR LINTEL ELEVATIONS.

PARALLEL TO WALL ELEVATION (TYPICAL WF)

PARALLEL TO WALL ELEVATION (TYPICAL HSS)



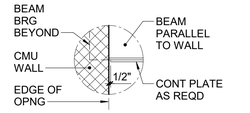
PERP TO WALL PARALLEL TO WALL

ISOMETRIC VIEW BEARING PLATES

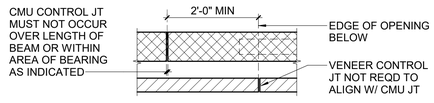
A B

STEEL BEAM BEARING PLATE SCHEDULE

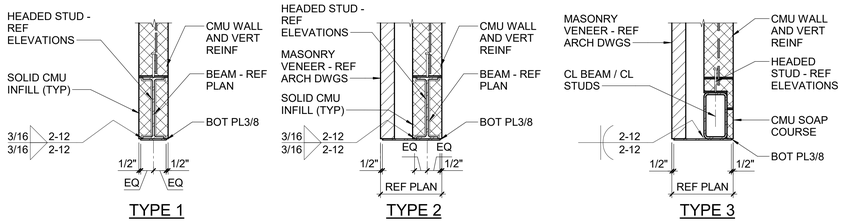
MARK	LENGTH (B)	WIDTH (N)	THICKNESS (t)	HEADED STUDS
A	7"	7"	3/4"	(2) 3/4"Ø x 6" LONG
B	10"	7"	3/4"	(2) 3/4"Ø x 9" LONG



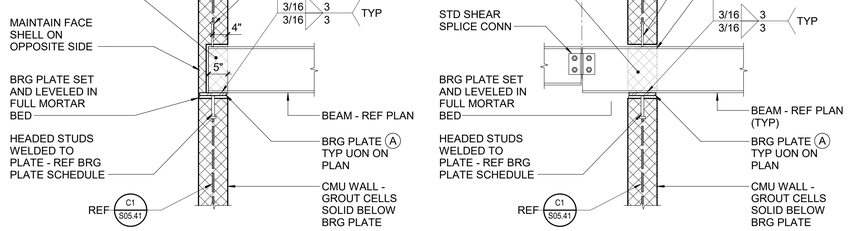
BOTTOM PLATE EXTENTS



CMU vs VENEER CONTROL JOINTS



TYPICAL BOTTOM PLATE DETAILS

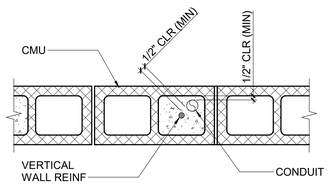


PERPENDICULAR TO WALL SECTION (TYPICAL)

PERPENDICULAR TO WALL SECTION (COMMON BEARING)

D1 TYPICAL STEEL BEAM BEARING ON MASONRY DETAILS
NTS

NOTES:
1. LOCATE CONDUIT IN UNREINFORCED CELLS TO EXTENT POSSIBLE.
2. DO NOT PLACE CONDUIT PASSING HORIZONTALLY THROUGH PLANE OF WALL WITHOUT WRITTEN APPROVAL.
3. CONDUIT SIZES GREATER THAN OR EQUAL TO 1 1/2" DIAMETER MUST BE PLACED IN UNREINFORCED CELLS.



PLAN

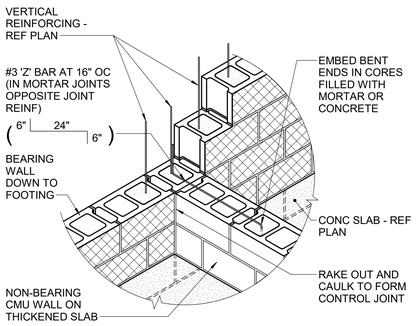
CONDUIT SIZE	AREA OF DISPLACEMENT (SINGLE CONDUIT)
1/2"Ø	0.196 in²
3/4"Ø	0.442 in²
1"Ø	0.785 in²
1 1/4"Ø	1.227 in²

TOTAL DISPLACEMENT CALC
1/2"Ø + 3/4"Ø CONDUIT IN SAME CELL =
0.196 in² + 0.442 in² = 0.638 in²

NOMINAL CMU SIZE	MAXIMUM AREA OF GROUT DISPLACEMENT*
4"	0.284 in²
6"	0.456 in²
8"	0.646 in²
10"	0.884 in²
12"	1.132 in²
14"	1.380 in²
16"	1.628 in²

NOTE *: PER ACI 530.1

A1 TYPICAL EMBEDDED CONDUIT IN MASONRY DETAIL
NTS



A5 TYPICAL DETAIL AT INTERSECTION OF BEARING AND NON-BEARING CMU WALLS
NTS

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PROJECT INFORMATION

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LM Project Number: LM23.307

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION
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SEALS

DKA JOB NUMBER
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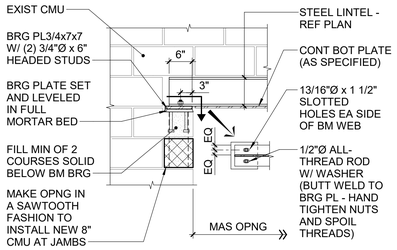
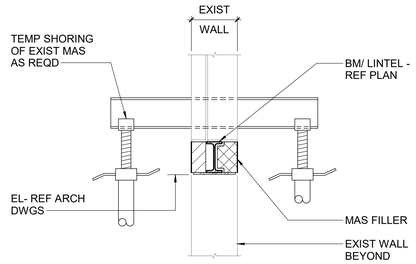
SHEET TITLE
TYPICAL DETAILS

S05.42

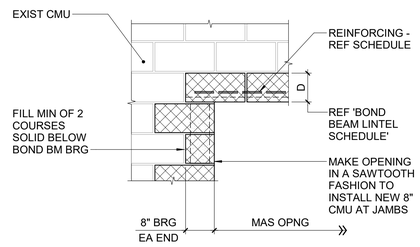


AT JAMB

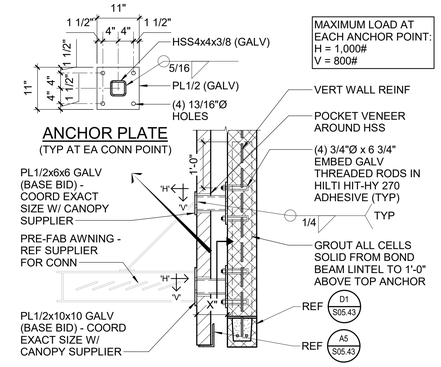


AT TEMPORARY SUPPORT

F1 TYPICAL NEW STEEL LINTEL ON EXISTING MASONRY DETAILS
NTS



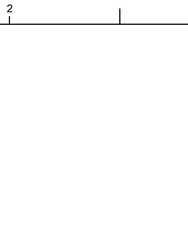
F5 TYPICAL NEW MASONRY LINTEL BEARING ON EXISTING MASONRY DETAIL
NTS



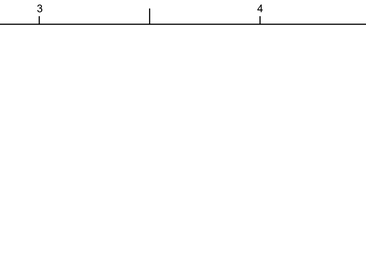
F7 TYPICAL PREFABRICATED AWNING ATTACHMENT DETAIL
NTS

BOND BEAM LINTEL SCHEDULE			
CLEAR SPAN	DEPTH 'D'	REINFORCING	
		6" CMU	8" CMU
0" TO 3'-4"	16"	(1) #4 BOT	(2) #4 BOT
3'-5" TO 5'-4"	16"	(1) #5 BOT	(2) #5 BOT
5'-5" TO 6'-8"	16"	(1) #5 BOT	(2) #5 BOT
6'-9" TO 8'-0"	16"	(1) #5 T&B	(2) #5 T&B

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS; FOR DUCT OPENINGS REFER TO MECHANICAL DRAWINGS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR WIDTH OF LINTEL.
3. SCHEDULE APPLIES ONLY TO LINTELS NOT OTHERWISE SHOWN ON THE DRAWINGS.



TYPICAL SECTION



TYPICAL JAMB

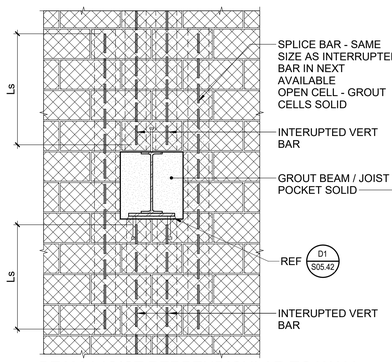
JAMB AT CONTROL JOINT

D1 BOND BEAM LINTEL DETAILS
NTS

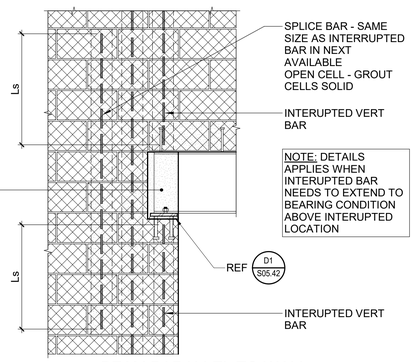
CORNER INTERSECTION CLOSED BOTTOM OPEN BOTTOM

D5 TYPICAL BOND BEAM REINFORCING DETAILS
NTS

D7 TYPICAL STEPPED BOND BEAM DETAIL
NTS



BEAM / JOIST PERPENDICULAR TO WALL

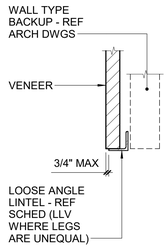


BEAM PARALLEL TO WALL

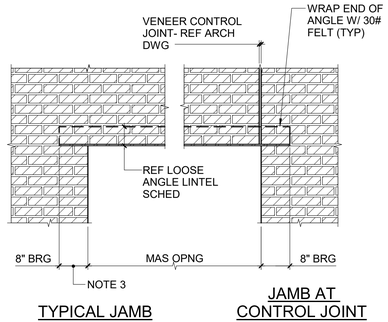
A1 TYPICAL OFFSET SPLICE AT MASONRY WALL DETAIL
NTS

LOOSE ANGLE LINTEL SCHEDULE	
CLEAR SPAN	SIZE
0 TO 5'-4"	L6x6x3/8
5'-5" TO 6'-8"	BENT PL8x6x3/8 (LLV)
6'-8" TO 10'-0"	L8x6x1/2 (LLV)

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF ALL OPENINGS.
2. LINTEL SCHEDULE APPLIES ONLY TO LINTEL ANGLES NOT OTHERWISE DETAILED.
3. WHERE JAMBS BETWEEN ADJACENT OPENINGS IS 16" OR LESS, PROVIDE CONT ANGLES.



TYPICAL SECTION



TYPICAL JAMB

JAMB AT CONTROL JOINT

A5 TYPICAL LOOSE ANGLE LINTELS IN BRICK WALLS
NTS

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SEALS

NORTH CAROLINA PROFESSIONAL ENGINEERING SEAL 049705 ENGINEER DELANEY T. ORTH
01/10/2025

NORTH CAROLINA LICENSED PROFESSIONAL ENGINEERING SEAL C-4360 ENGINEERING CORPORATION
01/10/2025

DKA JOB NUMBER
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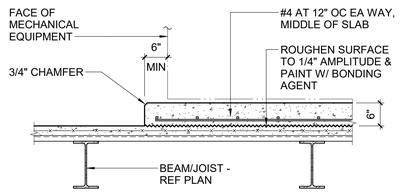
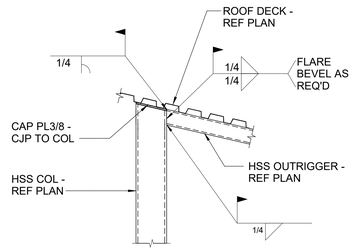
SHEET TITLE
TYPICAL DETAILS

S05.43



J1 TYPICAL HOUSEKEEPING PAD ON ELEVATED FLOOR DETAIL

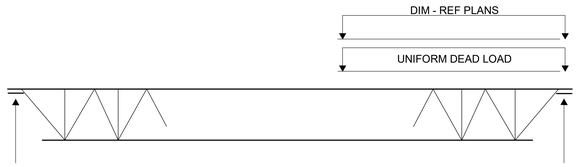
NTS



J3 TYPICAL HSS OUTRIGGER TO COLUMN MOMENT CONNECTION DETAIL

NTS

NOTES:
1. SPECIAL JOISTS MUST HAVE CAMBER PER SJI SPECIFICATIONS.
2. SPECIAL JOISTS MUST BE DESIGNED TO MEET LIVE/SNOW LOAD VERTICAL DEFLECTION OF 1/240 OF THE SPAN, TOTAL LOAD VERTICAL DEFLECTION OF 1/180 OF THE SPAN, AND MINIMUM MOMENT OF INERTIA INDICATED.

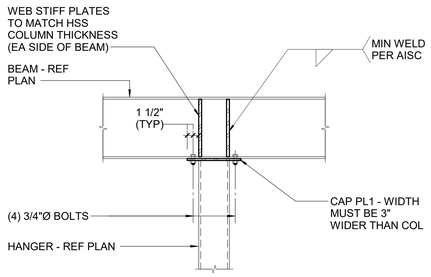


J6 SPECIAL JOIST LOADING DIAGRAM

NTS

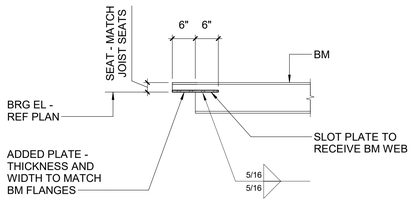
SPECIAL JOIST LOADING SCHEDULE

MARK	UNIFORM DEAD LOAD (PLF)	Ix (min) (IN^4)
20LHSP	840	N/A



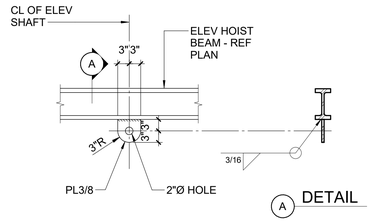
F1 TYPICAL STEEL HANGER DETAILS

NTS



F3 TYPICAL COPED BEAM SEAT DETAIL

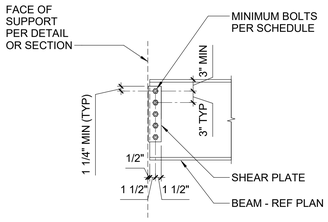
NTS



SAFE HOIST LOAD = 5,000 lbs.

F6 TYPICAL ELEVATOR HOIST BEAM DETAILS

NTS



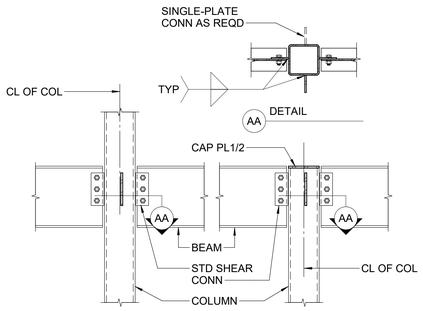
TYPICAL SHEAR PLATE

MINIMUM BEAM REACTION SCHEDULE		
BEAM SIZE	DESIGN REACTION (LRFD)	MIN # OF BOLTS
W8 & W10	20 KIPS	2
W12, W14, & W16	35 KIPS	3
W18	50 KIPS	4
W21	60 KIPS	5
W24 & W27	75 KIPS	6
W30 AND GREATER	75 KIPS	6

NOTES:
1. REFERENCE "STRUCTURAL STEEL NOTES" IN GENERAL NOTES FOR ADDITIONAL INFORMATION.
2. DESIGN CONNECTIONS FOR THE REACTIONS SHOWN ON PLAN. FOR REACTIONS NOT SHOWN ON PLAN, DESIGN CONNECTIONS FOR THE MINIMUM LOADS AND BOLTS INDICATED IN THE SCHEDULE ABOVE.

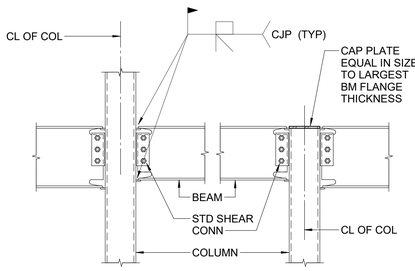
D1 TYPICAL SHEAR PLATE CONNECTION DETAIL

NTS



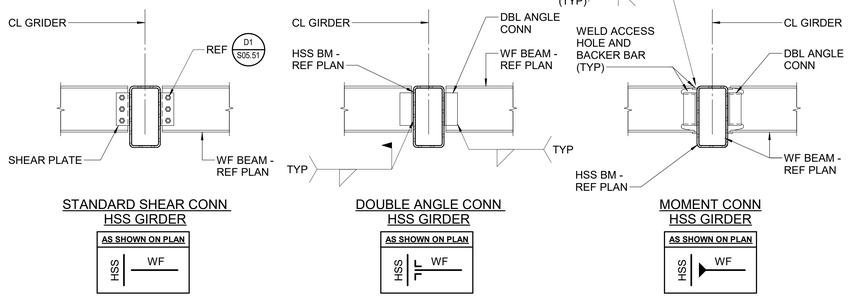
A1 TYPICAL WIDE FLANGE BEAM TO HSS SQUARE COLUMN CONNECTION DETAILS

NTS

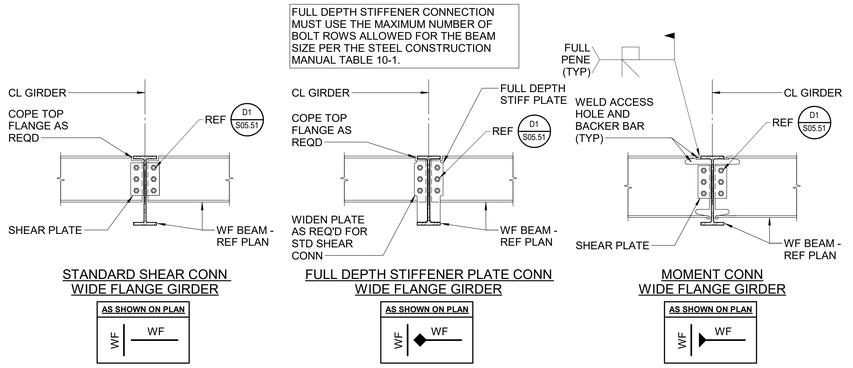


A4 TYPICAL WIDE FLANGE BEAM TO HSS COLUMN MOMENT CONNECTION DETAILS

NTS



FULL DEPTH STIFFENER CONNECTION MUST USE THE MAXIMUM NUMBER OF BOLT ROWS ALLOWED FOR THE BEAM SIZE PER THE STEEL CONSTRUCTION MANUAL TABLE 10-1.



A6 TYPICAL WIDE FLANGE BEAM TO GIRDER CONNECTION DETAILS

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PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

01/10/2025

DKA JOB NUMBER
2401

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BID DOCUMENTS
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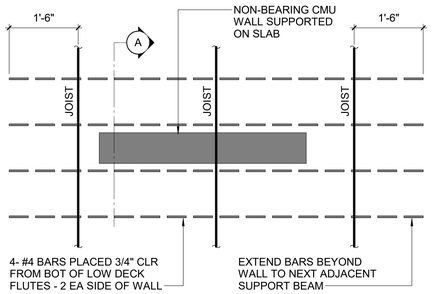
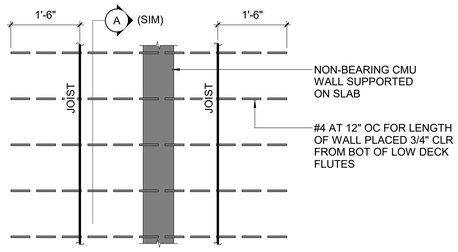
SHEET TITLE
TYPICAL DETAILS

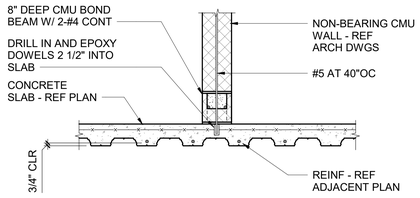
S05.51



PLAN : CMU WALL PERPENDICULAR TO BEAM SPAN



PLAN : CMU WALL PARALLEL TO BEAM SPAN



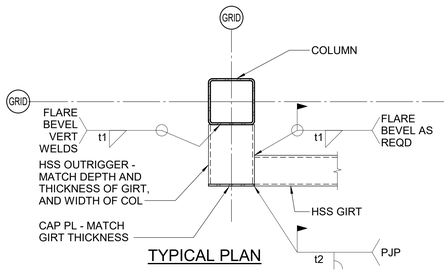
SECTION 'A'

H1 TYPICAL SLAB REINF AT NON-BEARING CMU WALLS ON SUSPENDED SLAB

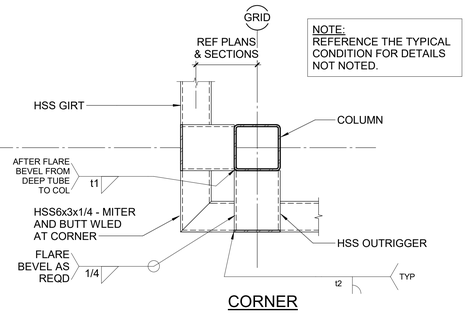
NTS

NOTE:
ALL ERECTION TABS SHALL BE REMOVED. ANY DEFECTS AS A RESULT OF REMOVAL SHALL BE REPAIRED. ALL BOLT HOLES SHALL BE PLUG WELDED AND GROUND SMOOTH.

WELD CHART
t1 = GIRT THICKNESS +1/16"
t2 = GIRT THICKNESS -1/8"



TYPICAL PLAN

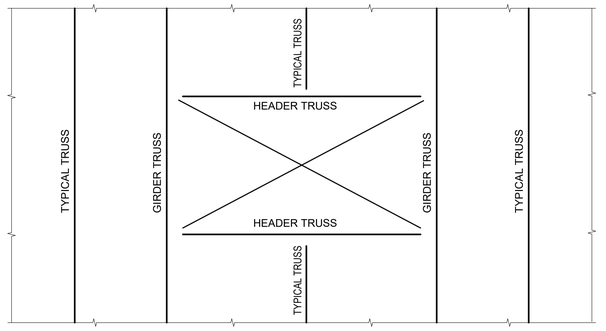


CORNER

NOTE:
REFERENCE THE TYPICAL CONDITION FOR DETAILS NOT NOTED.

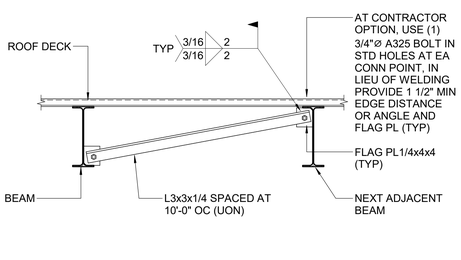
F1 TYPICAL ECCENTRIC HSS BEAM TO COLUMN CONNECTION DETAILS

NTS

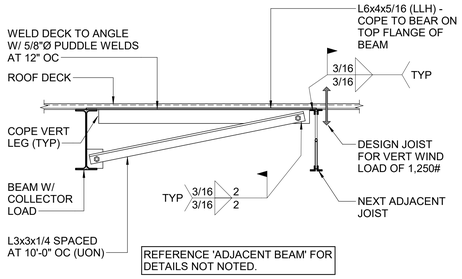


F5 TYPICAL TRUSS FRAMING AT ROOF OPENING DETAIL

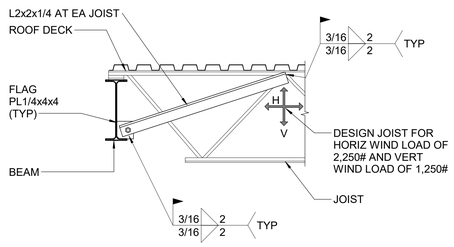
NTS



ADJACENT BEAM



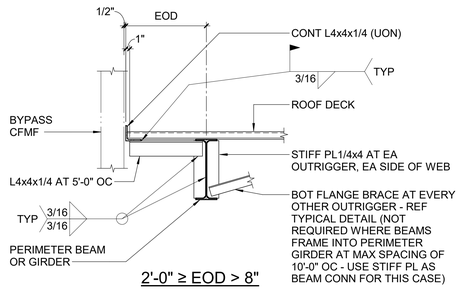
ADJACENT JOIST



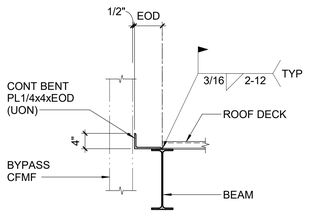
JOIST PERPENDICULAR TO BEAM

C1 TYPICAL BOTTOM FLANGE BEAM BRACE DETAILS

NTS

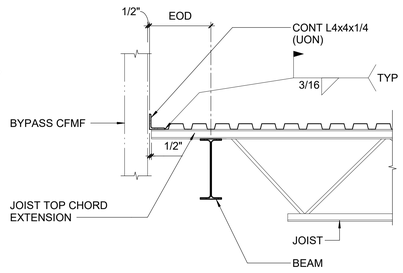


2'-0" ≥ EOD > 8"

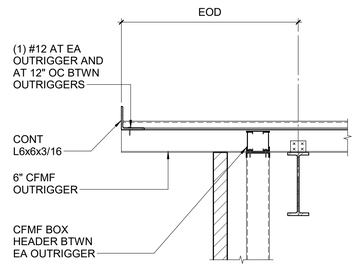


EOD ≤ 8"

DECK PERPENDICULAR TO EDGE



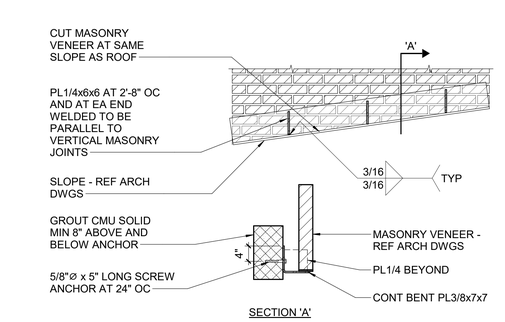
DECK PARALLEL TO EDGE



AT CFMF OUTRIGGER

A1 TYPICAL EDGE OF ROOF DECK DETAILS

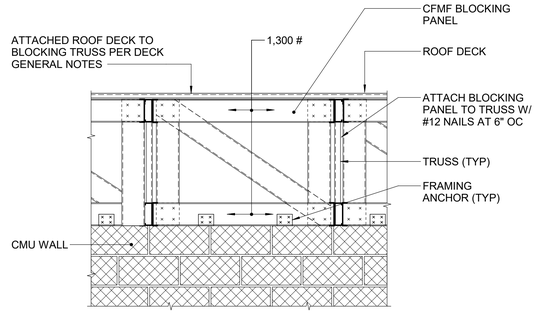
NTS



SECTION 'A'

C8 TYPICAL SLOPED BRICK SUPPORT DETAIL

NTS



A8 TYPICAL CFMF BLOCKING TRUSS DETAIL

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LM Project Number: LM23.307

PROJECT INFORMATION

ROSEWOOD MIDDLE SCHOOL ADDITION AND RENOVATION

WAYNE COUNTY PUBLIC SCHOOLS

541 North Carolina 581 S, Goldsboro, NC 27530

SEALS

DKA JOB NUMBER
2401

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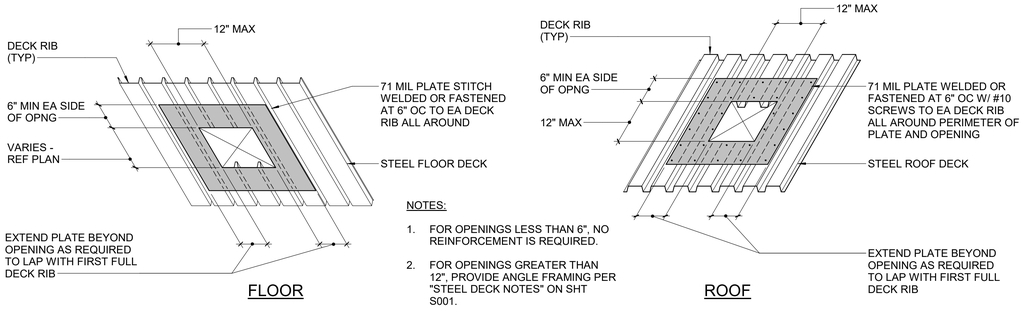
SHEET TITLE
TYPICAL DETAILS

S05.52



J1 TYPICAL STEEL DECK OPENING DETAILS
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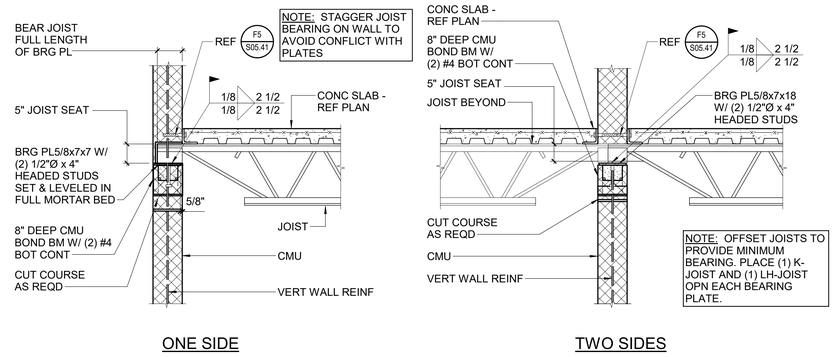

F1 TYPICAL JOIST BEARING ON MASONRY WALL DETAILS
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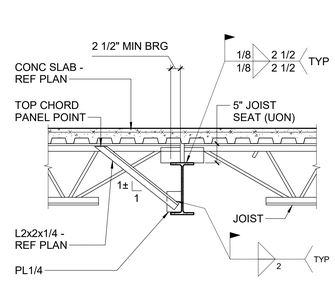

F5 TYPICAL JOIST TO BEAM CONNECTION DETAILS
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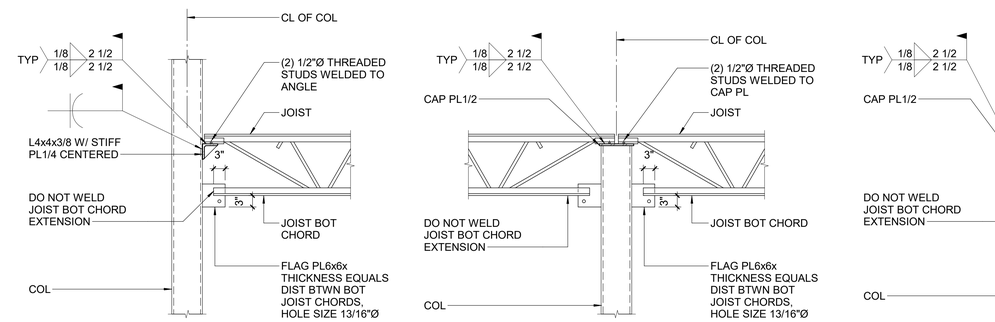

D1 TYPICAL JOIST ON COLUMN CENTERLINE DETAILS
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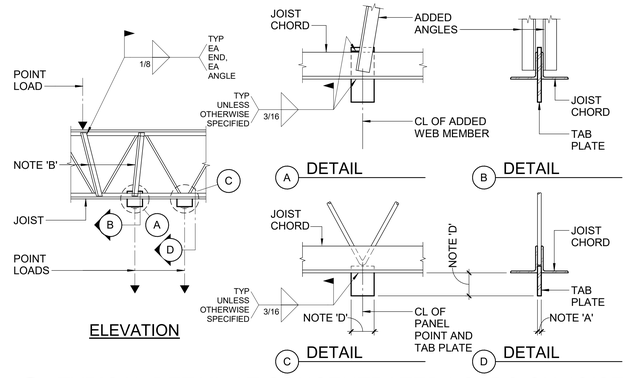


NOTES :

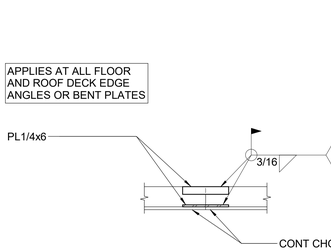
A. POSITION HANGER RODS ON JOIST CENTERLINES BETWEEN CHORD JOIST MEMBERS. DO NOT USE C-CLAMPS TO CHORD ANGLE LEGS.

B. WHERE CONCENTRATED LOADS EXCEEDING 300 LBS ARE APPLIED TO TOP CHORDS OR HUNG FROM BOTTOM CHORDS BETWEEN PANEL POINTS, ADD (2) L1x1x1/8 TO PANEL POINT AS SHOWN FOR K SERIES JOISTS.

C. DETAIL APPLIES TO NEW AND EXISTING JOISTS.

D. DIMENSION AS REQUIRED TO SUIT CONNECTED ITEM.

D7 TYPICAL DETAIL AT CONCENTRATED LOADS ON JOISTS
NTS



A1 TYPICAL ANGLE DIAPHRAGM CHORD SPLICE DETAIL
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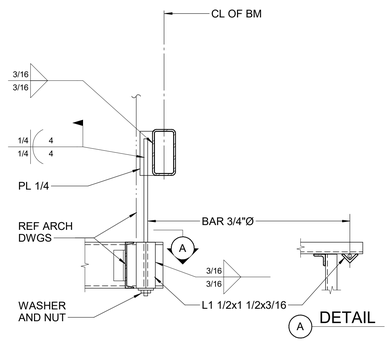
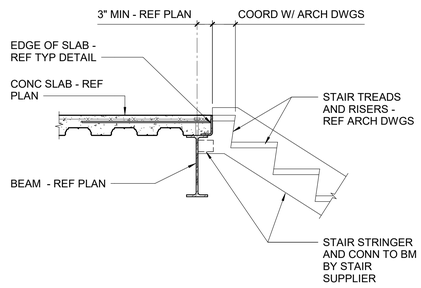


A3 TYPICAL STAIR HANGER DETAIL
NTS



A6 TYPICAL STAIR STRINGER ATTACHMENT DETAIL
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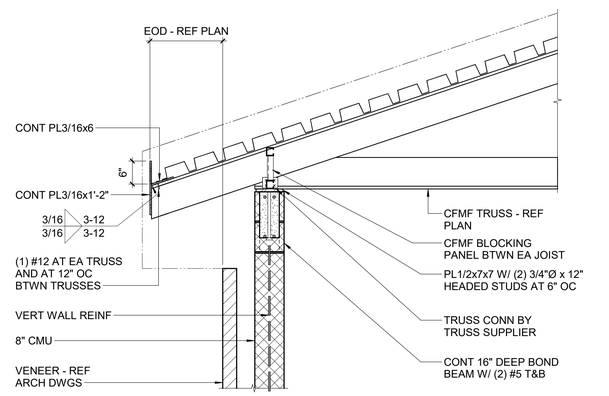

A8 TYPICAL TRUSS BEARING DETAIL
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SHEET TITLE
TYPICAL DETAILS

S05.61