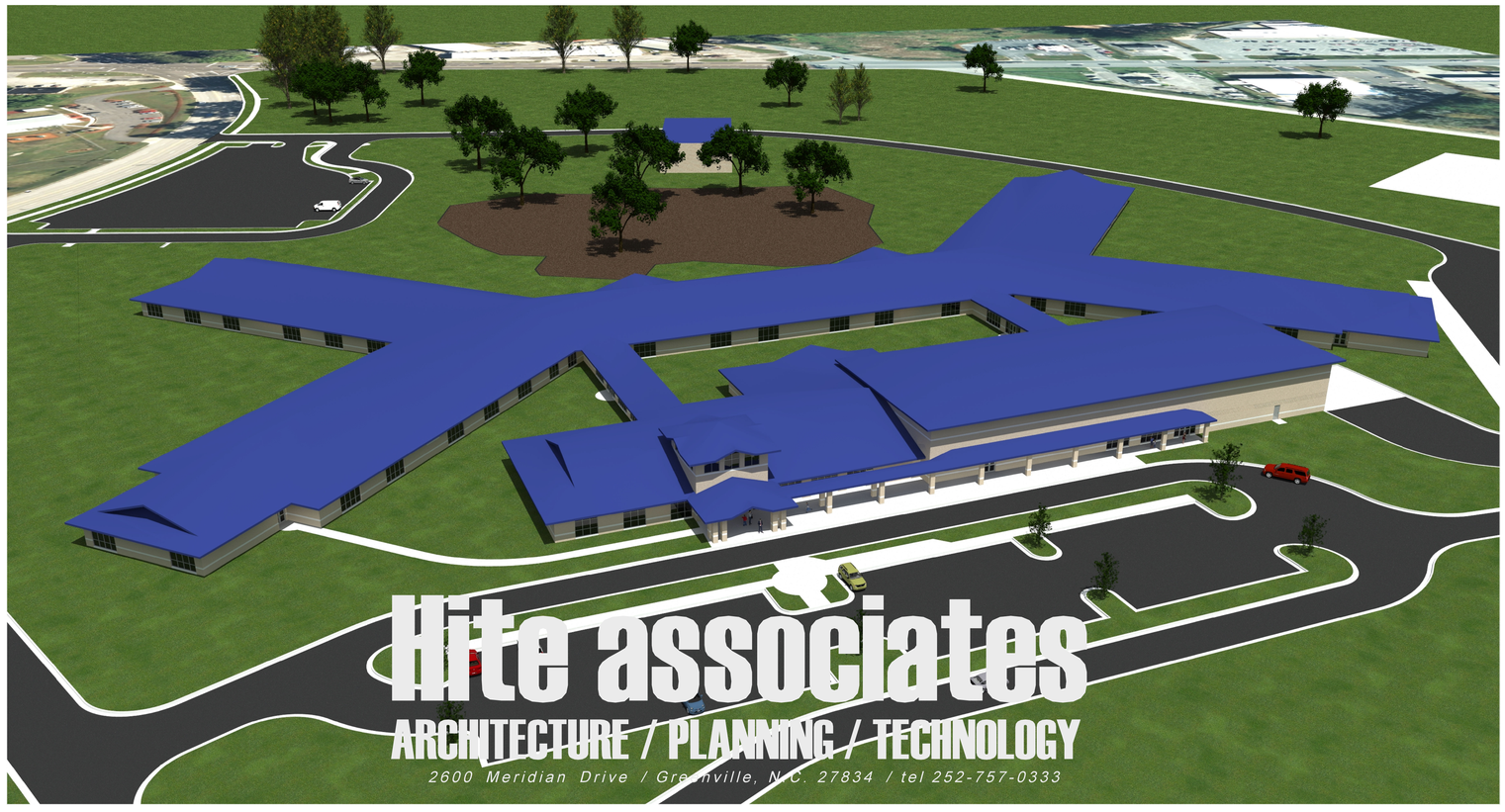
Beaufort PK-3 School

BEAUFORT COUNTY PUBLIC SCHOOLS

947 Hudnell St
Beaufort County / North Carolina



1 OF 3

STRUCTURAL CONSULTANT:

QUEEN ENGINEERING & DESIGN, P.A.
5530 Munford Road Raleigh, North Carolina 27612 tel (919) 420-0480

CIVIL CONSULTANT:

RIVERS AND ASSOCIATES, INC.
107 East 2nd Street Greenville, North Carolina 27858 tel (252) 752-4135

MEPT ENGINEERING CONSULTANT:

ENGINEERING SOURCE, P.A
102 Regency Boulevard Greenville, North Carolina 27834 tel (252) 439-0338

Set One of Three: CIVIL - ARCHITECTURAL

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ABBREVIATIONS

AFF	ABOVE FINISH FLOOR	INV	INVERT
L	ANGLE	JT	JOINT
AB	ANCHOR BOLT	LAV	LAVATORY
@	AT	MAS	MASONRY
B/B	BACK TO BACK (CURB)	MAX	MAXIMUM
BRG	BEARING	MB	MARKER BOARD
BD	BOARD	MET	METAL
BC	BRICK COURSE	MC	MECHANICAL CONTRACTOR
BLDG	BUILDING	MT	METAL THRESHOLD
CI	CAST IRON	MIN	MINIMUM
CPT	CARPET	MISC	MISCELLANEOUS
CB	CATCH BASIN	NOM	NOMINAL
CLG	CEILING	N	NORTH
CT	CEILING TILE	NIC	NOT IN CONTRACT
CB	CHALKBOARD	NTS	NOT TO SCALE
CJ	CONSTRUCTION JOINT	OC	ON CENTER
CONC	CONCRETE	OPG	OPENING
CMU	CONCRETE MASONRY UNIT	OPP	OPPOSITE
CG	CORNER GUARD	PC	PLUMBING CONTRACTOR
CMP	CORRUGATED METAL PIPE	PLAS	PLASTER
CONT.	CONTINUOUS	PL	PLATE
C & R	CURTAIN & ROD	PT	PRESSURE TREATED
C & T	CURTAIN & TRACK	R	RADIUS
DIA	DIAMETER	REF	REFERENCE
DIM	DIMENSION	RENIF	REINFORCED
DS	DOWNSPOUT	RCP	REINFORCE CONCRETE PIPE
DWR	DRAWER	REQ'D	REQUIRED
EA	EACH	RFS	RUBBER FASTENING STRIP
EC	ELECTRICAL CONTRACTOR	RI	RIGID INSULATION
EIFS	EXTERIOR INSULATION & FIN SYSTEM	R/W	RIGHT OF WAY
ELECT	ELECTRICAL	RD	ROOF DRAIN
EWC	ELECTRIC WATER COOLER	RDL	ROOF DRAIN LEADER
ELEV	ELEVATION	RGH	ROUGH
EQ	EQAUL	SCHED	SCHEDULED
ETR	EXISTING TO REMAIN	SH	SHELF
EXIST	EXISTING	SHTG	SHEATHING
EXP	EXPOSED, EXPANSION	SIM	SIMILAR
EJ	EXPANSION JOINT	SPEC	SPECIFIED
F/F	FACE TO FACE (CURB)	SPECS	SPECIFICATIONS
FIN	FINISH	STD	STANDARD
FE	FIRE EXTINGUISHER	SUSP	SUSPENDED
FEC	FIRE EXTINGUISHER CABINET	TB	TACKBOARD
FHC	FIRE HOSE CABINET	TYP	TYPICAL
FTG	FOOTING	TJC	TYPICAL CONTROL JOINT
FD	FLOOR DRAIN	UON	UNLESS OTHERWISE NOTED
FL	FLOOR	UR	URINAL
FSR	FLEXIBLE SHEET ROOFING	VB	VAPOR BARRIER
GB	GYPSUM WALLBOARD	VERT	VERTICAL
GC	GENERAL CONTRACTOR	VCT	VINYL COMPOSITION TILE
HM	HOLLOW METAL	WC	WATER CLOSET
HOR	HORIZONTAL	WWF	WELDED WIRE FABRIC
INSUL	INSULATION	W/	WITH

DRAWING SYMBOLS

DRAWING IDENTIFICATION MARKERS

201.1

DRAWING NUMBER

SHEET NUMBER

101.1 SECTION MARKER

A / 202 ELEVATION (DRAWINGS)

123 DOOR MARKER/NUMBER

HIDDEN LINE OR ABSTRACT LINE

LINE ABOVE

CENTERLINE

MATERIAL SYMBOLS

- EARTH
- SAND
- MORTAR OR GROUT
- CONCRETE
- BRICK
- CONCRETE MASONRY UNIT
- STEEL
- ROUGH WOOD (CONTINUOUS)
- ROUGH WOOD (INTERMITTENT)
- FINISH WOOD
- PLYWOOD
- BATT OR BLOWN INSULATION
- RIGID INSULATION
- METAL STUD / GYPBOARD WALL

DRAWING INDEX

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BCS-200	BUILDING CODE SUMMARY - 200 BUILDING
BCS-300	BUILDING CODE SUMMARY - 300 BUILDING
BCS-400	BUILDING CODE SUMMARY - 400 BUILDING
BCS-600	BUILDING CODE SUMARY - EXISTING GYM
LS-001	LIFE SAFETY PLAN
FRA-001	FIRE RATED ASSEMBLIES
C-001	SITE PLAN
-------	EXISTING SURVEY SHEET 1 OF 2
-------	EXISTING SURVEY SHEET 2 OF 2
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No. Date Revision

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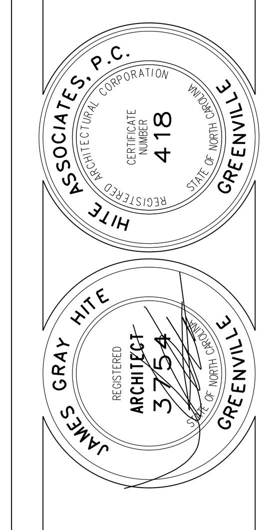

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344

Date: 1 July 2024

Drawing no. T 1

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Building Code Summary
100 Unit

Name of Project: Beaufort County PK-3
Address: 947 Hudnell Street, Washington, NC 27889
Proposed Use: Education
Owner or Authorized Agent: James G. Hite Phone No. (252) 757-0333 e-mail jgh@hiteassoc.com
Owned by: [X] City/County [ ] Private [ ] State
Code Enforcement Jurisdiction: [X] City [ ] County [ ] State

LEAD DESIGN PROFESSIONAL: James G. Hite, AIA

Designer	Firm	Name	License *	Telephone *	e-mail
Architectural	Hite Associates	James G. Hite, AIA	NC 3754	(252) 757-0333	jgh@hiteassoc.com
Civil	Rivers & Associates	Stephen J. Janowski, P.E.	NC 12324	(252) 714-3002	sjanowski@riversandassociates.com
Electrical	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Fire Alarm	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Plumbing	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Mechanical	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Sprinkler-Standpipe	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Structural	Queen Engineering	Bruce Queen, P.E.	NC 018991	(919) 420-0480	bruce@qedpa.net
Retaining Walls>5' High	NA				
Other	NA				

2018 EDITION OF NC CODE FOR: [X] New Construction [ ] Addition [ ] Upfit

EXISTING: [ ] Prescriptive [ ] Alteration Level I [ ] Historic Property
[ ] Repair [ ] Alteration Level II [ ] Change of Use
[ ] Chapter 14 [ ] Alteration Level III

CONSTRUCTED ____ ORIGINAL USE ____
RENOVATED ____ CURRENT USE ____ PROPOSED USE ____
OCCUPANCY CATEGORY (TABLE 1604.5): CURRENT NA PROPOSED III

BUILDING DATA

Construction Type: [ ] I-A [ ] II-A [ ] III-A [ ] IV [ ] V-A
[ ] I-B [X] II-B [ ] III-B [ ] V-B
Mixed Construction: [X] No [ ] Yes Types ____
Sprinklers:
Ground Floor [ ] No [X] Yes [ ] Partial [X] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Equipment Platform [ ] No [X] Yes [ ] Partial [ ] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Standpipes: [X] No [ ] Yes Class [ ] I [ ] II [ ] III [ ] Wet [ ] Dry
Fire District: [X] No [ ] Yes Flood Hazard Area: [X] No [ ] Yes
Building Height: Feet: 30' Number of Stories: 1
Mezzanine: [X] No [ ] Yes
Special Inspections Required: [ ] No [X] Yes

Gross Building Area:

Floor	Existing (SQ FT)	New (SQ FT)	Sub-Total
Equipment Platform		3,939	3,939
Third Floor			
Second Floor			
First Floor		34,560	34,560
Total			34,560 (Does not include Equipment Platform)

ALLOWABLE AREA

Primary Occupancy:
Assembly [ ] A-1 [ ] A-2 [X] A-3 [ ] A-4 [ ] A-5
[ ] Business
[ ] Educational
Factory [ ] F-1 Moderate [ ] F-2 Low
Hazardous [ ] H-1 Detonate [ ] H-2 Deflagrate [ ] H-3 Combust [ ] H-4 Health [ ] H-5 HPM
Institutional [ ] I-1 [ ] I-2 [ ] I-3 [ ] I-4
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
Parking Garage [ ] Open [ ] Enclosed [ ] Repair
[ ] Utility and Miscellaneous

Accessory Occupancy Classification(s): B, E, S-1, S-2
Science Classrooms
This Separation is not exempt as a Non-Separated Use (see exceptions)
Special Uses (Chapter 4 - List code Sections): NA
Special Provisions (Chapter 5 - List code Sections): NA

Mixed Occupancy: [ ] No [X] Yes Separation: Hr: Exception:

[X] Non-Separated Use (508.3)
The required type of construction of the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

[ ] Separated Use (508.4) - See below for area calculations
For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

Actual Area of Occupancy A / Allowable Area of Occupancy A + Actual Area of Occupancy B / Allowable Area of Occupancy B ≤ 1

0 / 0 + 0 / 0 = 0 ≤ 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA 4	(C) AREA FOR OPEN SPACE INCREASE 1,5	(D) ALLOWABLE AREA OR UNLIMITED 2,3
1	Assembly	34,467	38,000	2,394	40,394

1 Frontage increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = 498'-5" (F)
b. Total Building Perimeter = 991'-10" (P)
c. Ratio (F/P) = 0.502 (F/P)
d. W= Minimum width of public way = 30 (W)
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 parking garages must comply with 406.5.4. The maximum area of air traffic control towers must comply with 412.3.1.
5 Frontage increase is based on the unsprinkled area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	Feet 75	30	
Building Height in Stories (Table 504.4)	Stories 3	1	

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ * REDUCTION)	DETAIL NO. AND SHEET NO.	DESIGN NO. FOR RATED ASSEMBLY	DESIGN NO. FOR RATED PENETRATION	DESIGN NO. FOR RATED JOIST
Structural frame, including columns, girders, trusses		0	NA	NA	NA	NA	NA
Bearing walls							
Exterior							
North	NA	NA	NA	NA	NA	NA	NA
East	NA	NA	NA	NA	NA	NA	NA
West	NA	NA	NA	NA	NA	NA	NA
South	NA	NA	NA	NA	NA	NA	NA
Interior	NA	NA	NA	NA	NA	NA	NA
Nonbearing walls and partitions Exterior							
North	> 30	0	NA	NA	NA	NA	NA
East	> 20	0	NA	NA	NA	NA	NA
West	> 20	0	NA	NA	NA	NA	NA
South	> 30	0	NA	NA	NA	NA	NA
Interior	NA	0	NA	NA	NA	NA	NA
Floor construction including support beams and joist		0	NA	NA	NA	NA	NA
Above Corridor		0	NA	NA	NA	NA	NA
Columns Supporting Floors							
Roof construction including support beams and joist		0	NA	NA	NA	NA	NA
Roof Ceiling Assembly		NA	NA	NA	NA	NA	NA
Columns Supporting Roof		NA	NA	NA	NA	NA	NA
Shafts - Exit		NA	NA	NA	NA	NA	NA
Shafts - Other		NA	NA	NA	NA	NA	NA
Corridor Separation		0	NA	NA	NA	NA	NA
Occupancy Separation		NA	NA	NA	NA	NA	NA
Party/Fire Wall Separation		NA	NA	NA	NA	NA	NA
Fire Barrier Separation		NA	NA	NA	NA	NA	NA
Smoke Partition		NA	NA	NA	NA	NA	NA
Tenant Separation		NA	NA	NA	NA	NA	NA
Incidental Use Separation		NA	NA	NA	NA	NA	NA

* Indicate section number permitting reduction
706.4 Exception (a)

PERCENTAGE OF WALL AREA CALCULATIONS

FIRE SEPARATION DISTANCE FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA	ACTUAL SHOWN ON PLANS
15-20	Unprotected, Sprinkled	No Limit*	NA
>30	Unprotected, Sprinkled	No Limit	NA

* 705.8 Exception 2

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: [ ] No [X] Yes
Exit Signs: [ ] No [X] Yes
Fire Alarm: [ ] No [X] Yes
Smoke Detection Systems: [ ] No [X] Yes
Carbon Monoxide Detection: [ ] No [X] Yes

Life Safety Plan Sheet *: LS-001
[X] Fire and/or smoke rated wall locations (Chapter 7)
[ ] Assumed and real property line locations
[ ] Exterior wall opening area with respect to distance to assumed property lines (705.8)
[X] Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.2)
[X] Occupant loads for each area
[X] Exit access travel distances (1017)
[ ] Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
[ ] Dead end lengths (1020.4)
[X] Clear exit widths for each exit door
[X] Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
[X] 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
[X] Location of doors with panic hardware (1010.1.10)
[ ] Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
[ ] Location of doors with electromagnetic egress locks (1010.1.9.9)
[X] Location of doors equipped with hold-open devices
[ ] Location of emergency escape windows (1030)
[X] The square footage of each fire area (202)
[ ] The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
[ ] Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107)

LOT OR PARKING AREA	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

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL NO. OF PARKING SPACES REQUIRED	TOTAL NO. OF PARKING SPACES PROVIDED	NO. OF ACCESSIBLE SPACES REQUIRED / PROVIDED: REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	TOTAL NO. ACCESSIBLE PROVIDED
Main		272	3		3	6
TOTAL		272	3		3	6

PLUMBING FIXTURE REQUIREMENTS

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	SHOWERS/ TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
Student	NEW	2	6	3	3	3		2	2
	EXISTING								
	REQ'D	2	6	3	3	3		2	1
Staff	NEW	1.5*	1.5*	0	1.5*	1.5*		1	1
	EXISTING								
	REQ'D	1.5*	1.5*	0	1.5*	1.5*		1	1
	NEW								
	EXISTING								
	REQ'D								

* Unisex toilet

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, SBCCI, ICC, etc., describe below)
NC Department of Insurance

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.

Climate Zone:
[X] 3 [ ] 4 [ ] 5

Method of Compliance:
[X] Prescriptive (Energy Code)
[ ] Performance (Energy Code)
[ ] Prescriptive (ASHRAE 90.1)
[ ] Performance (ASHRAE 90.1)

THERMAL ENVELOPE
Roof/ceiling Assembly (each assembly)
Description of assembly: METAL DECK / RIGID INSULATION
U-Value of total assembly: 0.033
R-Value of insulation: 30
Skylights in each assembly: NONE
U-Value of skylight: N/A
total square footage of skylights in each assembly: N/A

Exterior Walls (each assembly)
Description of assembly: BRICK / AIR SPACE / SPRAYED INSULATION / 8" CMU
U-Value of total assembly: 0.0598
R-Value of insulation: 13 c.i.
Openings (windows or doors with glazing): Openings (windows)
U-Value of total assembly: 0.32
solar heat gain coefficient
projection factor
Door R-Values: N/A

Walls below grade -
Description of assembly - Block, foam filled cells, 2" c.i.
U-Value of total assembly - 0.0667
R-Value of insulation - 13 c.i.

Floor over unconditioned space (each assembly) - NOT USED
Description of assembly - 8" Block, foam filled cells, 2" c.i.
U-Value of total assembly - 0.11
R-Value of insulation - 7.5R

Floor slab on grade
Description of assembly = 4" thick concrete slab
U-Value of total assembly = 0.21
R-Value of insulation - N/A
Horizontal/vertical requirement
slab heated - NO

Revision | Date | No.

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. REGISTERED ARCHITECTURAL CORPORATION CERTIFICATE NUMBER 418 STATE OF NORTH CAROLINA GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. BCS 100

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Building Code Summary
200 Unit

Name of Project: Beaufort County PK-3
Address: 947 Hudnell Street, Washington, NC 27889
Proposed Use: Education
Owner or Authorized Agent: James G. Hite Phone No. (252) 757-0333 e-mail jgh@hiteassoc.com
Owned by: [X] City/County [ ] Private [ ] State
Code Enforcement Jurisdiction: [X] City [ ] County [ ] State

LEAD DESIGN PROFESSIONAL: James G. Hite, AIA

Designer	Firm	Name	License *	Telephone *	e-mail
Architectural	Hite Associates	James G. Hite, AIA	NC 3754	(252) 757-0333	jgh@hiteassoc.com
Civil	Rivers & Associates	Stephen J. Janowski, P.E.	NC 12324	(252) 714-3002	sjanowski@riversandassociates.com
Electrical	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Fire Alarm	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Plumbing	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Mechanical	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Sprinkler-Standpipe	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Structural	Queen Engineering	Bruce Queen, P.E.	NC 018991	(919) 420-0480	bruce@qedpa.net
Retaining Walls>5' High	NA				
Other	NA				

2018 EDITION OF NC CODE FOR: [X] New Construction [ ] Addition [ ] Upfit

EXISTING: [ ] Prescriptive [ ] Alteration Level I [ ] Historic Property
[ ] Repair [ ] Alteration Level II [ ] Change of Use
[ ] Chapter 14 [ ] Alteration Level III

CONSTRUCTED ______ ORIGINAL USE ______
RENOVATED ______ CURRENT USE ______ PROPOSED USE ______
OCCUPANCY CATEGORY (TABLE 1604.5): CURRENT NA PROPOSED III

BUILDING DATA

Construction Type: [ ] I-A [ ] II-A [ ] III-A [ ] IV [ ] V-A
[ ] I-B [X] II-B [ ] III-B [ ] V-B
Mixed Construction: [X] No [ ] Yes Types ______
Sprinklers:
Ground Floor [ ] No [X] Yes [ ] Partial [X] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Equipment Platform [ ] No [X] Yes [ ] Partial [ ] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Standpipes: [X] No [ ] Yes Class [ ] I [ ] II [ ] III [ ] Wet [ ] Dry
Fire District: [X] No [ ] Yes Flood Hazard Area: [X] No [ ] Yes
Building Height: Feet: 30' Number of Stories: 1
Mezzanine: [X] No [ ] Yes
Special Inspections Required: [ ] No [X] Yes

Gross Building Area:

Floor	Existing (SQ FT)	New (SQ FT)	Sub-Total
Equipment Platform		5,702	5,702
Third Floor			
Second Floor			
First Floor		41,288	41,288
Total			41,288 (Does not include Equipment Platform)

ALLOWABLE AREA

Primary Occupancy:
Assembly [ ] A-1 [ ] A-2 [ ] A-3 [ ] A-4 [ ] A-5
[ ] Business
[X] Educational
Factory [ ] F-1 Moderate [ ] F-2 Low
Hazardous [ ] H-1 Detonate [ ] H-2 Deflagrate [ ] H-3 Combust [ ] H-4 Health [ ] H-5 HPM
Institutional [ ] I-1 [ ] I-2 [ ] I-3 [ ] I-4
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
Parking Garage [ ] Open [ ] Enclosed [ ] Repair
[ ] Utility and Miscellaneous

Accessory Occupancy Classification(s): S-1, S-2
Science Classrooms
This Separation is not exempt as a Non-Separated Use (see exceptions)
Special Uses (Chapter 4 - List code Sections): NA
Special Provisions (Chapter 5 - List code Sections): NA

Mixed Occupancy: [ ] No [X] Yes Separation: Hr: Exception:

[X] Non-Separated Use (508.3)
The required type of construction of the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

[ ] Separated Use (508.4) - See below for area calculations
For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

Actual Area of Occupancy A / Allowable Area of Occupancy A + Actual Area of Occupancy B / Allowable Area of Occupancy B ≤ 1

0 / 0 + 0 / 0 = 0 ≤ 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA 4	(C) AREA FOR OPEN SPACE INCREASE 1,5	(D) ALLOWABLE AREA OR UNLIMITED 2,3
1	Education	41,166	58,000	0	58,000

1 Frontage increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = 0 (F)
b. Total Building Perimeter = 0 (P)
c. Ratio (F/P) = 0 (F/P)
d. W= Minimum width of public way = 0 (W)
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 parking garages must comply with 406.5.4. The maximum area of air traffic control towers must comply with 412.3.1.
5 Frontage increase is based on the unsprinkled area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	Feet 75	30	
Building Height in Stories (Table 504.4)	Stories 3	1	

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ * REDUCTION)	DETAIL NO. AND SHEET NO.	DESIGN NO. FOR RATED ASSEMBLY	DESIGN NO. FOR RATED PENETRATION	DESIGN NO. FOR RATED JOIST
Structural frame, including columns, girders, trusses		0	NA	NA	NA	NA	NA
Bearing walls							
Exterior							
North	NA	NA	NA	NA	NA	NA	NA
East	NA	NA	NA	NA	NA	NA	NA
West	NA	NA	NA	NA	NA	NA	NA
South	NA	NA	NA	NA	NA	NA	NA
Interior	NA	NA	NA	NA	NA	NA	NA
Nonbearing walls and partitions Exterior							
North	> 30	0	NA	NA	NA	NA	NA
East	> 20	0	NA	NA	NA	NA	NA
West	> 20	0	NA	NA	NA	NA	NA
South	> 30	0	NA	NA	NA	NA	NA
Interior	NA	0	NA	NA	NA	NA	NA
Floor construction including support beams and joist		0	NA	NA	NA	NA	NA
Above Corridor		0	NA	NA	NA	NA	NA
Columns Supporting Floors							
Roof construction including support beams and joist		0	NA	NA	NA	NA	NA
Roof Ceiling Assembly		NA	NA	NA	NA	NA	NA
Columns Supporting Roof		NA	NA	NA	NA	NA	NA
Shafts - Exit		NA	NA	NA	NA	NA	NA
Shafts - Other		NA	NA	NA	NA	NA	NA
Corridor Separation		0	NA	NA	NA	NA	NA
Occupancy Separation		NA	NA	NA	NA	NA	NA
Party/Fire Wall Separation		3	2*	904.2	U905	NA	NA
Fire Barrier Separation		NA	NA	NA	NA	NA	NA
Smoke Partition		NA	NA	NA	NA	NA	NA
Tenant Separation		NA	NA	NA	NA	NA	NA
Incidental Use Separation		NA	NA	NA	NA	NA	NA

* Indicate section number permitting reduction
706.4 Exception (a)

PERCENTAGE OF WALL AREA CALCULATIONS

FIRE SEPARATION DISTANCE FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA	ACTUAL SHOWN ON PLANS
15-20	Unprotected, Sprinkled	No Limit*	NA
>30	Unprotected, Sprinkled	No Limit	NA

* 705.8 Exception 2

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: [ ] No [X] Yes
Exit Signs: [ ] No [X] Yes
Fire Alarm: [ ] No [X] Yes
Smoke Detection Systems: [ ] No [X] Yes
Carbon Monoxide Detection: [ ] No [X] Yes

Life Safety Plan Sheet *: LS-001
[X] Fire and/or smoke rated wall locations (Chapter 7)
[ ] Assumed and real property line locations
[ ] Exterior wall opening area with respect to distance to assumed property lines (705.8)
[X] Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.2)
[X] Occupant loads for each area
[X] Exit access travel distances (1017)
[ ] Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
[ ] Dead end lengths (1020.4)
[X] Clear exit widths for each exit door
[X] Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
[X] 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
[X] Location of doors with panic hardware (1010.1.10)
[ ] Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
[ ] Location of doors with electromagnetic egress locks (1010.1.9.9)
[X] Location of doors equipped with hold-open devices
[ ] Location of emergency escape windows (1030)
[X] The square footage of each fire area (202)
[ ] The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
[ ] Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107)

LOT OR PARKING AREA	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

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL NO. OF PARKING SPACES REQUIRED	TOTAL NO. OF PARKING SPACES PROVIDED	NO. OF ACCESSIBLE SPACES REQUIRED / PROVIDED: REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	TOTAL NO. ACCESSIBLE PROVIDED
Main		272	3		5	8
TOTAL		272	3		5	8

PLUMBING FIXTURE REQUIREMENTS

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	SHOWERS/ TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
Student	NEW	Each	classroom	has	individual	toilet.		*	*
	EXISTING								
	REQ'D	12	12	0	6	6		4	4
Staff	NEW	2	2	0	2	2		0	0
	EXISTING								
	REQ'D	1	2	0	1	1		0	0
	NEW								
	EXISTING								
	REQ'D								

*Each classroom sink has a bubbler fountain.

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, SBCCI, ICC, etc., describe below)
NC Department of Insurance

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.

Climate Zone:
[X] 3 [ ] 4 [ ] 5

Method of Compliance:
[X] Prescriptive (Energy Code)
[ ] Performance (Energy Code)
[ ] Prescriptive (ASHRAE 90.1)
[ ] Performance (ASHRAE 90.1)

THERMAL ENVELOPE

Roof/ceiling Assembly (each assembly)
- Description of assembly: METAL DECK / RIGID INSULATION
- U-Value of total assembly: 0.033
- R-Value of insulation: 30
- Skylights in each assembly: NONE
  - U-Value of skylight: N/A
  - total square footage of skylights in each assembly: N/A

Exterior Walls (each assembly)
- Description of assembly: BRICK / AIR SPACE / SPRAYED INSULATION / 8" CMU
- U-Value of total assembly: 0.0598
- R-Value of insulation: 13 c.i.
- Openings (windows or doors with glazing): Openings (windows)
  - U-Value of total assembly: 0.32
  - solar heat gain coefficient
  - projection factor
  - Door R-Values: N/A

Walls below grade -
- Description of assembly - Block, foam filled cells, 2" c.i.
- U-Value of total assembly - 0.0667
- R-Value of insulation - 13 c.i.

Floor over unconditioned space (each assembly) - NOT USED
- Description of assembly - 8" Block, foam filled cells, 2" c.i.
- U-Value of total assembly - 0.11
- R-Value of insulation - 7.5R

Floor slab on grade
- Description of assembly = 4" thick concrete slab
- U-Value of total assembly = 0.21
- R-Value of insulation - N/A
- Horizontal/vertical requirement
- slab heated - NO

No. | Date | Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. GREENVILLE — REGISTERED ARCHITECTURAL CORPORATION, STATE OF NORTH CAROLINA, CERTIFICATE NUMBER 418

JAMES GRAY HITE, GREENVILLE — REGISTERED ARCHITECT 3754, STATE OF NORTH CAROLINA

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. BCS 200

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Building Code Summary
300 Unit

Name of Project: Beaufort County PK-3
Address: 947 Hudnell Street, Washington, NC 27889
Proposed Use: Education
Owner or Authorized Agent: James G. Hite   Phone No. (252) 757-0333   e-mail jgh@hiteassoc.com
Owned by: [X] City/County [ ] Private [ ] State
Code Enforcement Jurisdiction: [X] City [ ] County [ ] State

LEAD DESIGN PROFESSIONAL: James G. Hite, AIA

Designer	Firm	Name	License *	Telephone *	e-mail
Architectural	Hite Associates	James G. Hite, AIA	NC 3754	(252) 757-0333	jgh@hiteassoc.com
Civil	Rivers & Associates	Stephen J. Janowski, P.E.	NC 12324	(252) 714-3002	sjanowski@riversandassociates.com
Electrical	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Fire Alarm	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Plumbing	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Mechanical	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Sprinkler-Standpipe	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Structural	Queen Engineering	Bruce Queen, P.E.	NC 018991	(919) 420-0480	bruce@qedpa.net
Retaining Walls>5' High	NA				
Other	NA				

2018 EDITION OF NC CODE FOR: [X] New Construction [ ] Addition [ ] Upfit

EXISTING: [ ] Prescriptive [ ] Alteration Level I [ ] Historic Property
[ ] Repair [ ] Alteration Level II [ ] Change of Use
[ ] Chapter 14 [ ] Alteration Level III

CONSTRUCTED ____ ORIGINAL USE ____
RENOVATED ____ CURRENT USE ____ PROPOSED USE ____
OCCUPANCY CATEGORY (TABLE 1604.5): CURRENT NA PROPOSED III

BUILDING DATA

Construction Type: [ ] I-A [ ] II-A [ ] III-A [ ] IV [ ] V-A
[ ] I-B [X] II-B [ ] III-B [ ] V-B
Mixed Construction: [X] No [ ] Yes Types ____
Sprinklers:
Ground Floor [ ] No [X] Yes [ ] Partial [X] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Equipment Platform [ ] No [X] Yes [ ] Partial [ ] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Standpipes: [X] No [ ] Yes Class [ ] I [ ] II [ ] III [ ] Wet [ ] Dry
Fire District: [X] No [ ] Yes Flood Hazard Area: [X] No [ ] Yes
Building Height: Feet: 30' Number of Stories: 1
Mezzanine: [X] No [ ] Yes
Special Inspections Required: [ ] No [X] Yes

Gross Building Area:

Floor	Existing (SQ FT)	New (SQ FT)	Sub-Total
Equipment Platform		2,289	2,289
Third Floor			
Second Floor			
First Floor		17,920	17,920
Total			17,920 (Does not include Equipment Platform)

ALLOWABLE AREA

Primary Occupancy:
Assembly [ ] A-1 [ ] A-2 [ ] A-3 [ ] A-4 [ ] A-5
[ ] Business
[X] Educational
Factory [ ] F-1 Moderate [ ] F-2 Low
Hazardous [ ] H-1 Detonate [ ] H-2 Deflagrate [ ] H-3 Combust [ ] H-4 Health [ ] H-5 HPM
Institutional [ ] I-1 [ ] I-2 [ ] I-3 [ ] I-4
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
Parking Garage [ ] Open [ ] Enclosed [ ] Repair
[ ] Utility and Miscellaneous

Accessory Occupancy Classification(s): S-1, S-2
Science Classrooms
This Separation is not exempt as a Non-Separated Use (see exceptions)
Special Uses (Chapter 4 - List code Sections): NA
Special Provisions (Chapter 5 - List code Sections): NA

Mixed Occupancy: [ ] No [X] Yes Separation: Hr: Exception:

[X] Non-Separated Use (508.3)
The required type of construction of the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

[ ] Separated Use (508.4) - See below for area calculations
For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

$$\frac{0}{0} + \frac{0}{0} = 0 \leq 1.00$$

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA 4	(C) AREA FOR OPEN SPACE INCREASE 1,5	(D) ALLOWABLE AREA OR UNLIMITED 2,3
1	Education	17,920	58,000	0	58,000

1 Frontage increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = 0 (F)
b. Total Building Perimeter = 0 (P)
c. Ratio (F/P) = 0 (F/P)
d. W= Minimum width of public way = 0 (W)
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 parking garages must comply with 406.5.4. The maximum area of air traffic control towers must comply with 412.3.1.
5 Frontage increase is based on the unsprinkled area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	Feet 75	30	
Building Height in Stories (Table 504.4)	Stories 3	1	

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ * REDUCTION)	DETAIL NO. AND SHEET NO.	DESIGN NO. FOR RATED ASSEMBLY	DESIGN NO. FOR RATED PENETRATION	DESIGN NO. FOR RATED JOIST
Structural frame, including columns, girders, trusses		0	NA	NA	NA	NA	NA
Bearing walls							
Exterior							
North	NA	NA	NA	NA	NA	NA	NA
East	NA	NA	NA	NA	NA	NA	NA
West	NA	NA	NA	NA	NA	NA	NA
South	NA	NA	NA	NA	NA	NA	NA
Interior	NA	NA	NA	NA	NA	NA	NA
Nonbearing walls and partitions Exterior							
North	> 30	0	NA	NA	NA	NA	NA
East	> 20	0	NA	NA	NA	NA	NA
West	> 20	0	NA	NA	NA	NA	NA
South	> 30	0	NA	NA	NA	NA	NA
Interior	NA	0	NA	NA	NA	NA	NA
Floor construction including support beams and joist		0	NA	NA	NA	NA	NA
Above Corridor		0	NA	NA	NA	NA	NA
Columns Supporting Floors							
Roof construction including support beams and joist		0	NA	NA	NA	NA	NA
Roof Ceiling Assembly		NA	NA	NA	NA	NA	NA
Columns Supporting Roof		NA	NA	NA	NA	NA	NA
Shafts - Exit		NA	NA	NA	NA	NA	NA
Shafts - Other		NA	NA	NA	NA	NA	NA
Corridor Separation		0	NA	NA	NA	NA	NA
Occupancy Separation		NA	NA	NA	NA	NA	NA
Party/Fire Wall Separation		3	2*	904.2	U905	NA	NA
Fire Barrier Separation		NA	NA	NA	NA	NA	NA
Smoke Partition		NA	NA	NA	NA	NA	NA
Tenant Separation		NA	NA	NA	NA	NA	NA
Incidental Use Separation		NA	NA	NA	NA	NA	NA

* Indicate section number permitting reduction
706.4 Exception (a)

PERCENTAGE OF WALL AREA CALCULATIONS

FIRE SEPARATION DISTANCE FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA	ACTUAL SHOWN ON PLANS
0	Unprotected, Sprinkled	Not Permitted	NA
>30	Unprotected, Sprinkled	No Limit	NA

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: [ ] No [X] Yes
Exit Signs: [ ] No [X] Yes
Fire Alarm: [ ] No [X] Yes
Smoke Detection Systems: [ ] No [X] Yes
Carbon Monoxide Detection: [ ] No [X] Yes

Life Safety Plan Sheet *: LS-001
[X] Fire and/or smoke rated wall locations (Chapter 7)
[ ] Assumed and real property line locations
[ ] Exterior wall opening area with respect to distance to assumed property lines (705.8)
[X] Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.2)
[X] Occupant loads for each area
[X] Exit access travel distances (1017)
[ ] Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
[ ] Dead end lengths (1020.4)
[X] Clear exit widths for each exit door
[X] Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
[X] 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
[X] Location of doors with panic hardware (1010.1.10)
[ ] Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
[ ] Location of doors with electromagnetic egress locks (1010.1.9.9)
[X] Location of doors equipped with hold-open devices
[ ] Location of emergency escape windows (1030)
[X] The square footage of each fire area (202)
[ ] The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
[ ] Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107)

LOT OR PARKING AREA	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

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL NO. OF PARKING SPACES: REQUIRED	TOTAL NO. OF PARKING SPACES: PROVIDED	NO. OF ACCESSIBLE SPACES REQUIRED / PROVIDED: REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	TOTAL NO. ACCESSIBLE PROVIDED
Main		272	3		5	8
TOTAL		272	3		5	8

PLUMBING FIXTURE REQUIREMENTS

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	SHOWERS/ TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
Student	NEW	Each	classroom	has	individual	toilet.		*	*
	EXISTING								
	REQ'D	11	11	0	6	6		3	3
Staff	NEW	2	2	0	2	2		0	0
	EXISTING								
	REQ'D	1	1	0	1	1		0	0
	NEW								
	EXISTING								
	REQ'D								

*Each classroom sink includes bubbler fountain

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, SBCCI, ICC, etc., describe below)
NC Department of Insurance

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.

Climate Zone:
[X] 3 [ ] 4 [ ] 5
Method of Compliance:
[X] Prescriptive (Energy Code)
[ ] Performance (Energy Code)
[ ] Prescriptive (ASHRAE 90.1)
[ ] Performance (ASHRAE 90.1)

THERMAL ENVELOPE
Roof/ceiling Assembly (each assembly)
Description of assembly: METAL DECK / RIGID INSULATION
U-Value of total assembly: 0.033
R-Value of insulation: 30
Skylights in each assembly: NONE
U-Value of skylight: N/A
total square footage of skylights in each assembly: N/A
Exterior Walls (each assembly)
Description of assembly: BRICK / AIR SPACE / SPRAYED INSULATION / 8" CMU
U-Value of total assembly: 0.0598
R-Value of insulation: 13 c.i.
Openings (windows or doors with glazing): Openings (windows)
U-Value of total assembly: 0.32
solar heat gain coefficient
projection factor
Door R-Values: N/A
Walls below grade -
Description of assembly - Block, foam filled cells, 2" c.i.
U-Value of total assembly - 0.0667
R-Value of insulation - 13 c.i.
Floor over unconditioned space (each assembly) - NOT USED
Description of assembly - 8" Block, foam filled cells, 2" c.i.
U-Value of total assembly - 0.11
R-Value of insulation - 7.5R
Floor slab on grade
Description of assembly = 4" thick concrete slab
U-Value of total assembly = 0.21
R-Value of insulation - N/A
Horizontal/vertical requirement
slab heated - NO

Revision | Date | No.

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. ARCHITECTURAL CORPORATION CERTIFICATE NUMBER 418 REGISTERED STATE OF NORTH CAROLINA GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. BCS 300

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Building Code Summary
400 Unit

Name of Project: Beaufort County PK-3
Address: 947 Hudnell Street, Washington, NC 27889
Proposed Use: Education
Owner or Authorized Agent: James G. Hite Phone No. (252) 757-0333 e-mail jgh@hiteassoc.com
Owned by: [X] City/County [ ] Private [ ] State
Code Enforcement Jurisdiction: [X] City [ ] County [ ] State

LEAD DESIGN PROFESSIONAL: James G. Hite, AIA

Designer	Firm	Name	License *	Telephone *	e-mail
Architectural	Hite Associates	James G. Hite, AIA	NC 3754	(252) 757-0333	jgh@hiteassoc.com
Civil	Rivers & Associates	Stephen J. Janowski, P.E.	NC 12324	(252) 714-3002	sjanowski@riversandassociates.com
Electrical	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Fire Alarm	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Plumbing	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Mechanical	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Sprinkler-Standpipe	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Structural	Queen Engineering	Bruce Queen, P.E.	NC 018991	(919) 420-0480	bruce@qedpa.net
Retaining Walls>5' High	NA				
Other	NA				

2018 EDITION OF NC CODE FOR: [X] New Construction [ ] Addition [ ] Upfit

EXISTING: [ ] Prescriptive [ ] Repair [ ] Chapter 14 [ ] Alteration Level I [ ] Alteration Level II [ ] Alteration Level III [ ] Historic Property [ ] Change of Use

CONSTRUCTED ____ ORIGINAL USE ____

RENOVATED ____ CURRENT USE ____ PROPOSED USE ____

OCCUPANCY CATEGORY (TABLE 1604.5): CURRENT NA PROPOSED III

BUILDING DATA

Construction Type: [ ] I-A [ ] II-A [ ] III-A [ ] IV [ ] V-A [ ] I-B [X] II-B [ ] III-B [ ] V-B
Mixed Construction: [X] No [ ] Yes Types ____

Sprinklers:
Ground Floor [ ] No [X] Yes [ ] Partial [X] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Equipment Platform [ ] No [X] Yes [ ] Partial [ ] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Standpipes: [X] No [ ] Yes Class [ ] I [ ] II [ ] III [ ] Wet [ ] Dry
Fire District: [X] No [ ] Yes Flood Hazard Area: [X] No [ ] Yes
Building Height: Feet: 30' Number of Stories: 1
Mezzanine: [X] No [ ] Yes
Special Inspections Required: [ ] No [X] Yes

Gross Building Area:

Floor	Existing (SQ FT)	New (SQ FT)	Sub-Total
Equipment Platform		5,447	5,447
Third Floor			
Second Floor			
First Floor		38,726	38,726
Total			38,726 (Does not include Equipment Platform)

ALLOWABLE AREA

Primary Occupancy:
Assembly [ ] A-1 [ ] A-2 [ ] A-3 [ ] A-4 [ ] A-5 [ ] Business [X] Educational
Factory [ ] F-1 Moderate [ ] F-2 Low
Hazardous [ ] H-1 Detonate [ ] H-2 Deflagrate [ ] H-3 Combust [ ] H-4 Health [ ] H-5 HPM
Institutional [ ] I-1 [ ] I-2 [ ] I-3 [ ] I-4 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
Parking Garage [ ] Open [ ] Enclosed [ ] Repair [ ] Utility and Miscellaneous

Accessory Occupancy Classification(s): S-1, S-2
Science Classrooms ____
This Separation is not exempt as a Non-Separated Use (see exceptions)
Special Uses (Chapter 4 - List code Sections): NA
Special Provisions (Chapter 5 - List code Sections): NA

Mixed Occupancy: [ ] No [X] Yes Separation: Hr: Exception:

[X] Non-Separated Use (508.3)
The required type of construction of the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

[ ] Separated Use (508.4) - See below for area calculations
For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

$$\frac{0}{0} + \frac{0}{0} + 0 \leq 1.00$$

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA a	(C) AREA FOR OPEN SPACE INCREASE 1.5	(D) ALLOWABLE AREA OR UNLIMITED 2.3
1	Education	38,585	58,000	0	58,000

1 Frontage increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = 0 (F)
b. Total Building Perimeter = 0 (P)
c. Ratio (F/P) = 0 (F/P)
d. W= Minimum width of public way = 0 (W)
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 parking garages must comply with 406.5.4. The maximum area of air traffic control towers must comply with 412.3.1.
5 Frontage increase is based on the unsprinkled area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	Feet 75	30	
Building Height in Stories (Table 504.4)	Stories 3	1	

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQD.	RATING PROVIDED (W/ REDUCTION) *	DETAIL NO. AND SHEET NO.	DESIGN NO. FOR RATED ASSEMBLY	DESIGN NO. FOR RATED PENETRATION	DESIGN NO. FOR RATED JOIST
Structural frame, including columns, girders, trusses		0	NA	NA	NA	NA	NA
Bearing walls							
Exterior							
North	NA	NA	NA	NA	NA	NA	NA
East	NA	NA	NA	NA	NA	NA	NA
West	NA	NA	NA	NA	NA	NA	NA
South	NA	NA	NA	NA	NA	NA	NA
Interior	NA	NA	NA	NA	NA	NA	NA
Nonbearing walls and partitions Exterior							
North	> 30	0	NA	NA	NA	NA	NA
East	> 20	0	NA	NA	NA	NA	NA
West	> 20	0	NA	NA	NA	NA	NA
South	> 30	0	NA	NA	NA	NA	NA
Interior	NA	0	NA	NA	NA	NA	NA
Floor construction including support beams and joist		0	NA	NA	NA	NA	NA
Above Corridor		0	NA	NA	NA	NA	NA
Columns Supporting Floors							
Roof construction including support beams and joist		0	NA	NA	NA	NA	NA
Roof Ceiling Assembly		NA	NA	NA	NA	NA	NA
Columns Supporting Roof		NA	NA	NA	NA	NA	NA
Shafts - Exit		NA	NA	NA	NA	NA	NA
Shafts - Other		NA	NA	NA	NA	NA	NA
Corridor Separation		0	NA	NA	NA	NA	NA
Occupancy Separation		NA	NA	NA	NA	NA	NA
Party/Fire Wall Separation		3	2•	904.2	U905	NA	NA
Fire Barrier Separation		NA	NA	NA	NA	NA	NA
Smoke Partition		NA	NA	NA	NA	NA	NA
Tenant Separation		NA	NA	NA	NA	NA	NA
Incidental Use Separation		NA	NA	NA	NA	NA	NA

* Indicate section number permitting reduction
706.4 Exception (a)

PERCENTAGE OF WALL AREA CALCULATIONS

FIRE SEPARATION DISTANCE FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA	ACTUAL SHOWN ON PLANS
15-20	Unprotected, Sprinkled	No Limit•	NA
>30	Unprotected, Sprinkled	No Limit	NA

• 705.8 Exception 2

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: [ ] No [X] Yes
Exit Signs: [ ] No [X] Yes
Fire Alarm: [ ] No [X] Yes
Smoke Detection Systems: [ ] No [X] Yes
Carbon Monoxide Detection: [ ] No [X] Yes

Life Safety Plan Sheet *: LS-001

[X] Fire and/or smoke rated wall locations (Chapter 7)
[ ] Assumed and real property line locations
[ ] Exterior wall opening area with respect to distance to assumed property lines (705.8)
[X] Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.2)
[X] Occupant loads for each area
[X] Exit access travel distances (1017)
[ ] Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
[ ] Dead end lengths (1020.4)
[X] Clear exit widths for each exit door
[X] Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
[X] 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
[X] Location of doors with panic hardware (1010.1.10)
[ ] Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
[ ] Location of doors with electromagnetic egress locks (1010.1.9.9)
[X] Location of doors equipped with hold-open devices
[ ] Location of emergency escape windows (1030)
[X] The square footage of each fire area (202)
[ ] The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
[ ] Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107)

LOT OR PARKING AREA	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

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL NO. OF PARKING SPACES		NO. OF ACCESSIBLE SPACES REQUIRED / PROVIDED			TOTAL NO. ACCESSIBLE PROVIDED
	REQUIRED	PROVIDED	REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	
Main		272	3		5	8
TOTAL		272	3		5	8

PLUMBING FIXTURE REQUIREMENTS

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	SHOWERS/ TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
Student	NEW	10	18	8	8	8		4	4
	EXISTING								
	REQ'D	8	16	8	1	1		1	1
Staff	NEW	3	3	0	3	3		0	0
	EXISTING								
	REQ'D	1	2	0	1	1		0	0
	NEW								
	EXISTING								
	REQ'D								

• Unisex toilet

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, SBCCI, ICC, etc., describe below)
NC Department of Insurance

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.

Climate Zone:
[X] 3 [ ] 4 [ ] 5

Method of Compliance:
[X] Prescriptive (Energy Code)
[ ] Performance (Energy Code)
[ ] Prescriptive (ASHRAE 90.1)
[ ] Performance (ASHRAE 90.1)

THERMAL ENVELOPE

Roof/ceiling Assembly (each assembly)
Description of assembly: METAL DECK / RIGID INSULATION
U-Value of total assembly: 0.033
R-Value of insulation: 30
Skylights in each assembly: NONE
U-Value of skylight: N/A
total square footage of skylights in each assembly: N/A

Exterior Walls (each assembly)
Description of assembly: BRICK / AIR SPACE / SPRAYED INSULATION / 8" CMU
U-Value of total assembly: 0.0598
R-Value of insulation: 13 c.i.
Openings (windows or doors with glazing): Openings (windows)
U-Value of total assembly: 0.32
solar heat gain coefficient
projection factor
Door R-Values: N/A

Walls below grade -
Description of assembly - Block, foam filled cells, 2" c.i.
U-Value of total assembly - 0.0667
R-Value of insulation - 13 c.i.

Floor over unconditioned space (each assembly) - NOT USED
Description of assembly - 8" Block, foam filled cells, 2" c.i.
U-Value of total assembly - 0.11
R-Value of insulation - 7.5R

Floor slab on grade
Description of assembly - 4" thick concrete slab
U-Value of total assembly - 0.21
R-Value of insulation - N/A
Horizontal/vertical requirement
slab heated - NO

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. REGISTERED CORPORATION GREENVILLE, N.C. CERTIFICATE NUMBER C-418

JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. BCS 400

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Building Code Summary
600 Unit - Existing Gym Building

Name of Project: Beaufort County PK-3
Address: 947 Hudnell Street, Washington, NC 27889
Proposed Use: Education
Owner or Authorized Agent: James G. Hite Phone No. (252) 757-0333 e-mail jgh@hiteassoc.com
Owned by: [X] City/County [ ] Private [ ] State
Code Enforcement Jurisdiction: [X] City [ ] County [ ] State

LEAD DESIGN PROFESSIONAL: James G. Hite, AIA

Designer	Firm	Name	License *	Telephone *	e-mail
Architectural	Hite Associates	James G. Hite, AIA	NC 3754	(252) 757-0333	jgh@hiteassoc.com
Civil	Rivers & Associates	Stephen J. Janowski, P.E.	NC 12324	(252) 714-3002	sjanowski@riversandassociates.com
Electrical	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Fire Alarm	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Plumbing	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Mechanical	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Sprinkler-Standpipe	Engineering Source	Wilson Pou, P.E.	NC 021993	(252) 439-0338	Wilson@engrsource.com
Structural	Queen Engineering	Bruce Queen, P.E.	NC 018991	(919) 420-0480	bruce@qedpa.net
Retaining Walls>5' High	NA				
Other	NA				

2018 EDITION OF NC CODE FOR: [ ] New Construction [ ] Addition [X] Upfit

EXISTING: [ ] Prescriptive [ ] Alteration Level I [ ] Historic Property
[ ] Repair [X] Alteration Level II [ ] Change of Use
[ ] Chapter 14 [ ] Alteration Level III

CONSTRUCTED 2015 ORIGINAL USE Assembly
RENOVATED 2024 CURRENT USE Assembly PROPOSED USE Assembly
OCCUPANCY CATEGORY (TABLE 1604.5): CURRENT NA PROPOSED III

BUILDING DATA

Construction Type: [ ] I-A [ ] II-A [ ] III-A [ ] IV [ ] V-A
[ ] I-B [X] II-B [ ] III-B [ ] V-B
Mixed Construction: [X] No [ ] Yes Types
Sprinklers:
Ground Floor [ ] No [X] Yes [ ] Partial [X] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Equipment Platform [ ] No [X] Yes [ ] Partial [ ] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Standpipes: [X] No [ ] Yes Class [ ] I [ ] II [ ] III [ ] Wet [ ] Dry
Fire District: [X] No [ ] Yes Flood Hazard Area: [X] No [ ] Yes
Building Height: Feet: 35' Number of Stories: 1
Mezzanine: [X] No [ ] Yes
Special Inspections Required: [ ] No [X] Yes

Gross Building Area:

Floor	Existing (SQ FT)	New (SQ FT)	Sub-Total
Equipment Platform			
Third Floor			
Second Floor			
First Floor	7,905		
Total	7,905		

ALLOWABLE AREA

Primary Occupancy:
Assembly [ ] A-1 [ ] A-2 [X] A-3 [ ] A-4 [ ] A-5
[ ] Business
[ ] Educational
Factory [ ] F-1 Moderate [ ] F-2 Low
Hazardous [ ] H-1 Detonate [ ] H-2 Deflagrate [ ] H-3 Combust [ ] H-4 Health [ ] H-5 HPM
Institutional [ ] I-1 [ ] I-2 [ ] I-3 [ ] I-4
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
Parking Garage [ ] Open [ ] Enclosed [ ] Repair
[ ] Utility and Miscellaneous

Accessory Occupancy Classification(s): S-1, S-2
Science Classrooms
This Separation is not exempt as a Non-Separated Use (see exceptions)
Special Uses (Chapter 4 - List code Sections): NA
Special Provisions (Chapter 5 - List code Sections): NA

Mixed Occupancy: [ ] No [X] Yes Separation: Hr: Exception:

[X] Non-Separated Use (508.3)
The required type of construction of the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

[ ] Separated Use (508.4) - See below for area calculations
For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$

$\frac{0}{0} + \frac{0}{0} = 0 \leq 1.00$

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 AREA 4	(C) AREA FOR OPEN SPACE INCREASE 1,5	(D) ALLOWABLE AREA OR UNLIMITED 2,3
1	Education	7,905	38,000	0	38,000

1 Frontage increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = 0 (F)
b. Total Building Perimeter = 0 (P)
c. Ratio (F/P) = 0 (F/P)
d. W= Minimum width of public way = 0 (W)
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 parking garages must comply with 406.5.4. The maximum area of air traffic control towers must comply with 412.3.1.
5 Frontage increase is based on the unsprinkled area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	Feet 75	30	
Building Height in Stories (Table 504.4)	Stories 3	1	

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ * REDUCTION)	DETAIL NO. AND SHEET NO.	DESIGN NO. FOR RATED ASSEMBLY	DESIGN NO. FOR RATED PENETRATION	DESIGN NO. FOR RATED JOIST
Structural frame, including columns, girders, trusses		0	NA	NA	NA	NA	NA
Bearing walls							
Exterior							
North	NA	NA	NA	NA	NA	NA	NA
East	NA	NA	NA	NA	NA	NA	NA
West	NA	NA	NA	NA	NA	NA	NA
South	NA	NA	NA	NA	NA	NA	NA
Interior	NA	NA	NA	NA	NA	NA	NA
Nonbearing walls and partitions Exterior							
North	> 30	0	NA	NA	NA	NA	NA
East	> 20	0	NA	NA	NA	NA	NA
West	> 20	0	NA	NA	NA	NA	NA
South	> 30	0	NA	NA	NA	NA	NA
Interior	NA	0	NA	NA	NA	NA	NA
Floor construction including support beams and joist		0	NA	NA	NA	NA	NA
Above Corridor		0	NA	NA	NA	NA	NA
Columns Supporting Floors							
Roof construction including support beams and joist		0	NA	NA	NA	NA	NA
Roof Ceiling Assembly		NA	NA	NA	NA	NA	NA
Columns Supporting Roof		NA	NA	NA	NA	NA	NA
Shafts - Exit		NA	NA	NA	NA	NA	NA
Shafts - Other		NA	NA	NA	NA	NA	NA
Corridor Separation		0	NA	NA	NA	NA	NA
Occupancy Separation		NA	NA	NA	NA	NA	NA
Party/Fire Wall Separation		NA	NA	NA	NA	NA	NA
Fire Barrier Separation		NA	NA	NA	NA	NA	NA
Smoke Partition		NA	NA	NA	NA	NA	NA
Tenant Separation		NA	NA	NA	NA	NA	NA
Incidental Use Separation		NA	NA	NA	NA	NA	NA

* Indicate section number permitting reduction
706.4 Exception (a)

PERCENTAGE OF WALL AREA CALCULATIONS

FIRE SEPARATION DISTANCE FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA	ACTUAL SHOWN ON PLANS
>30	Unprotected, Sprinkled	No Limit	NA

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: [ ] No [X] Yes
Exit Signs: [ ] No [X] Yes
Fire Alarm: [ ] No [X] Yes
Smoke Detection Systems: [ ] No [X] Yes
Carbon Monoxide Detection: [ ] No [X] Yes

Life Safety Plan Sheet #: LS-001
[X] Fire and/or smoke rated wall locations (Chapter 7)
[ ] Assumed and real property line locations
[ ] Exterior wall opening area with respect to distance to assumed property lines (705.8)
[X] Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.2)
[X] Occupant loads for each area
[X] Exit access travel distances (1017)
[ ] Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
[ ] Dead end lengths (1020.4)
[X] Clear exit widths for each exit door
[X] Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
[X] 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
[X] Location of doors with panic hardware (1010.1.10)
[ ] Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
[ ] Location of doors with electromagnetic egress locks (1010.1.9.9)
[X] Location of doors equipped with hold-open devices
[ ] Location of emergency escape windows (1030)
[X] The square footage of each fire area (202)
[ ] The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
[ ] Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107)

LOT OR PARKING AREA	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

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL NO. OF PARKING SPACES REQUIRED	TOTAL NO. OF PARKING SPACES PROVIDED	NO. OF ACCESSIBLE SPACES REQUIRED / PROVIDED: REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	TOTAL NO. ACCESSIBLE PROVIDED
Main		258	9		4	13
TOTAL		258	9		4	13

PLUMBING FIXTURE REQUIREMENTS

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	SHOWERS/ TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
Student	NEW	NA	NA	NA	NA	NA		NA	NA
	EXISTING	2	4	2	2	2		1	1
	REQ'D	2	2	2	2	2		1	1
Staff	NEW	NA	NA	NA	NA	NA		NA	NA
	EXISTING	0.5*	0.5*	0	0.5*	0.5*		0	0
	REQ'D	0.5	0.5	0	0.5	0.5		0	0
	NEW								
	EXISTING								
	REQ'D								

* Unisex toilet

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, SBCCI, ICC, etc., describe below)
NC Department of Insurance

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.

Climate Zone: [X] 3 [ ] 4 [ ] 5

Method of Compliance:
[X] Prescriptive (Energy Code)
[ ] Performance (Energy Code)
[ ] Prescriptive (ASHRAE 90.1)
[ ] Performance (ASHRAE 90.1)

THERMAL ENVELOPE
Roof/ceiling Assembly (each assembly)
Description of assembly: METAL DECK / RIGID INSULATION
U-Value of total assembly: 0.033
R-Value of insulation: 30
Skylights in each assembly: NONE
U-Value of skylight: N/A
total square footage of skylights in each assembly: N/A

Exterior Walls (each assembly)
Description of assembly: BRICK / AIR SPACE / SPRAYED INSULATION / 8" CMU
U-Value of total assembly: 0.0598
R-Value of insulation: 13 c.i.
Openings (windows or doors with glazing): Openings (windows)
U-Value of total assembly: 0.32
solar heat gain coefficient
projection factor
Door R-Values: N/A

Walls below grade -
Description of assembly - Block, foam filled cells, 2" c.i.
U-Value of total assembly - 0.0667
R-Value of insulation - 13 c.i.

Floor over unconditioned space (each assembly) - NOT USED
Description of assembly - 8" Block, foam filled cells, 2" c.i.
U-Value of total assembly - 0.11
R-Value of insulation - 7.5R

Floor slab on grade
Description of assembly = 4" thick concrete slab
U-Value of total assembly = 0.21
R-Value of insulation - N/A
Horizontal/vertical requirement
slab heated - NO

No.	Date	Revision

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HITE ASSOCIATES, P.C. GREENVILLE — REGISTERED ARCHITECTURAL CORPORATION — CERTIFICATE NUMBER 418
JAMES GRAY HITE GREENVILLE — REGISTERED ARCHITECT 3754

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. BCS 600

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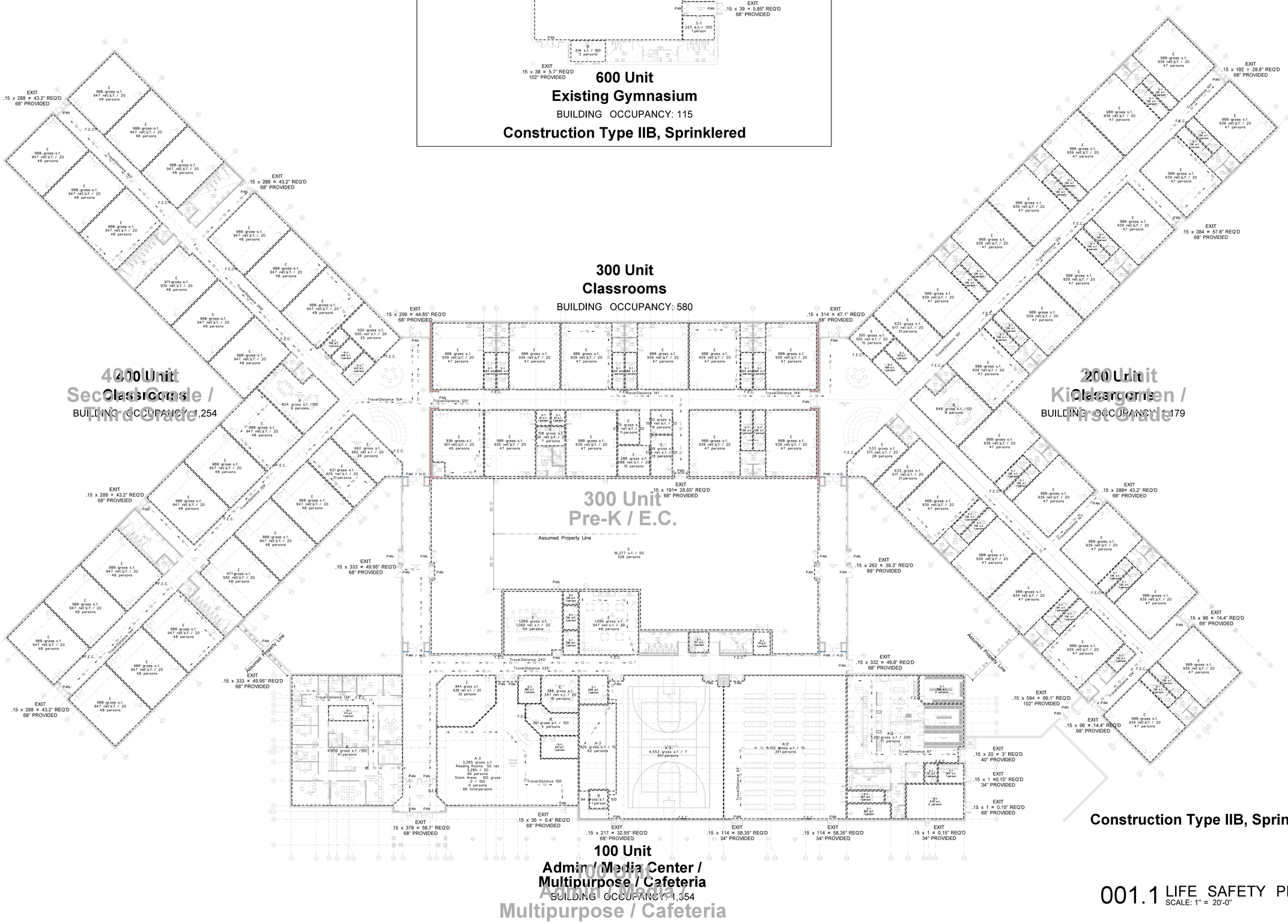

001.1 LIFE SAFETY PLAN
SCALE: 1" = 20'-0"

No.	Date	Revision

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JAMES GRAY HITE
REGISTERED ARCHITECT
3754
GREENVILLE, N.C.

HITE ASSOCIATES, P.C.
CERTIFICATE NUMBER C-418
GREENVILLE, N.C.

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
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Project No. 22344
Date: 1 July 2024
Drawing no. LS 001

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U.L. Design No. U905

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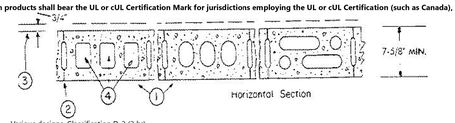
Design No. **U905**

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 L L C — "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.**

Last Updated on 2023-04-14

No.	Date	Revision

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JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. FRA 001

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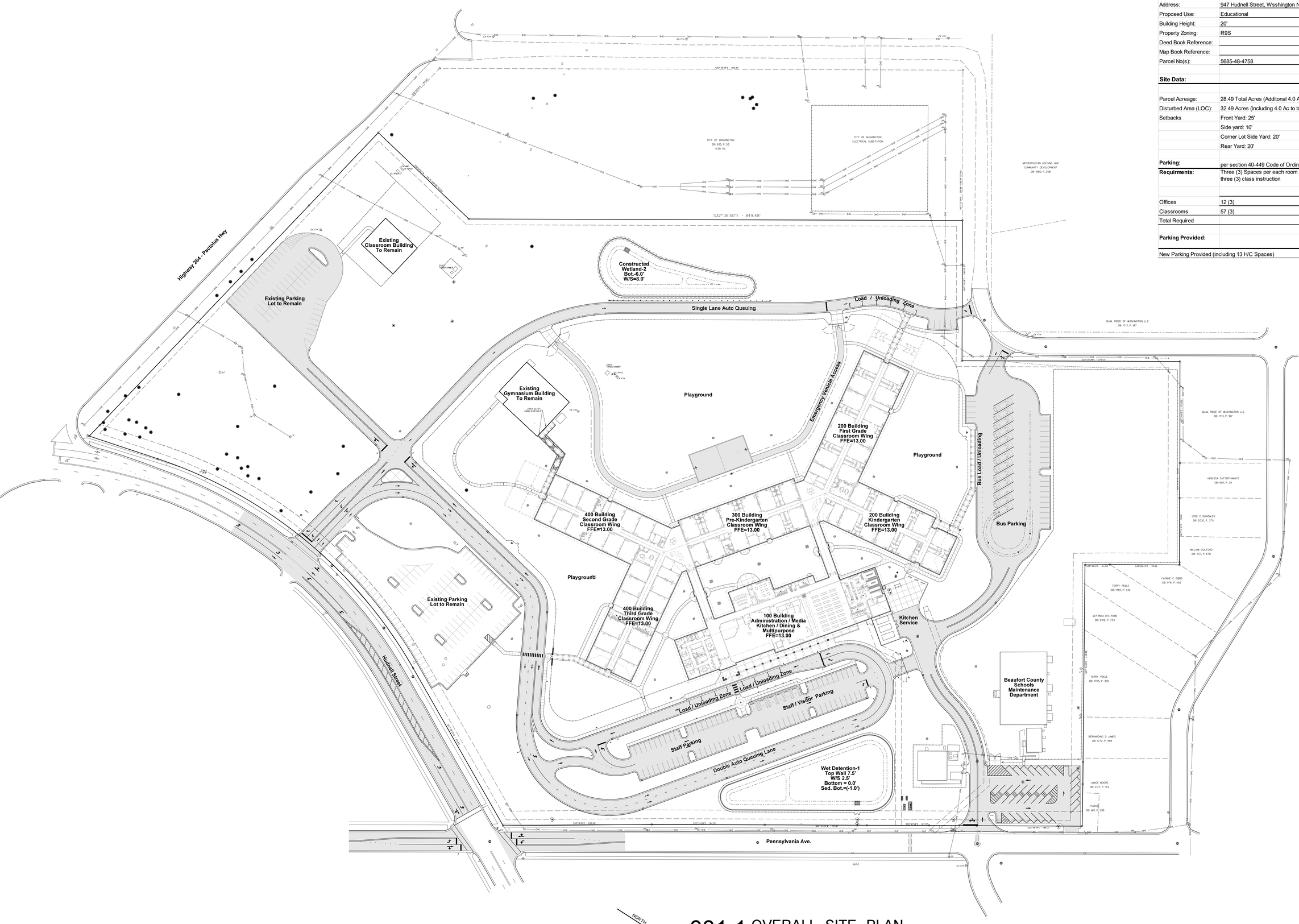

001.1 OVERALL SITE PLAN

SCALE: 1" = 60'-0"

60 0 60 120 180 FEET

GRAPHIC SCALE

Property Information:

Property Owner:	Washington City School ADM Unit - 321 Small Rd.
Name of Project:	New Beaufort PK-3 School
Address:	947 Hudnell Street, Wsshington NC
Proposed Use:	Educational
Building Height:	20'
Property Zoning:	R9S
Deed Book Reference:	
Map Book Reference:	
Parcel No(s):	5685-48-4758

Site Data:

Parcel Acreage:	28.49 Total Acres (Additonal 4.0 Acres to be acquired from the city)
Disturbed Area (LOC):	32.49 Acres (including 4.0 Ac to be acquired)
Setbacks	Front Yard: 25'
	Side yard: 10'
	Corner Lot Side Yard: 20'
	Rear Yard: 20'

Parking:	per section 40-449 Code of Ordinances	
Requirments:	Three (3) Spaces per each room used for offices plus three (3) class instruction	**Required Spaces**
Offices	12 (3)	36
Classrooms	57 (3)	171
Total Required		**207**

Parking Provided:	**Total Spaces**
New Parking Provided (including 13 H/C Spaces)	**276**

No.	Date	Revision

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CIVIL ENGINEERING CONSULTANT:
BRIAN P. RUFF, P.E.
Rivers & Associates, Inc.
License No. F-0334
107 East 2nd Street, Greenville, NC
(252)-714-3002

HITE ASSOCIATES, P.C. REGISTERED ARCHITECTURAL CORPORATION CERTIFICATE NUMBER 418 STATE OF NORTH CAROLINA GREENVILLE

NORTH CAROLINA PROFESSIONAL SEAL 22508 ENGINEER BRIAN P. RUFF

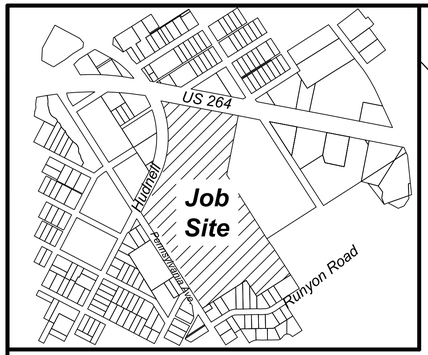
Beaufort PK-3 School

BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344

Date: 1 July 2024

Drawing no. C 001



Vicinity Map

Special Notes

A. This plat is subject to any facts that maybe disclosed by a full and accurate title search, as well as any right of ways easements, zoning regulations and restrictive covenants of record not shown hereon.
B. Area computed by the Method of Coordinate Geometry.
C. All distances are horizontal ground unless otherwise noted.
D. Wetlands were not defined or mapped during this survey.
E. Underground utilities may exist that are not shown heron. No guarantee can be made that all underground utilities present are shown. The location of underground utilities shown on this map are approximate, based on information provided by others or by field locations, as observed at the time of survey. Utility locations as shown heron are intended for planning only. Actual location, size, or depth of line should be verified with the individual utility company before construction.
F. Elevations are based on NAVD88 datum (VRS NETWORK).

NC GRID
NAD 83/2011
"VRS"

STORM DRAINAGE CURB INLET TABLE:

SDCI1
Rim Elevation : 28.139'

SDCI2
Rim Elevation : 27.980'

SDCI3
Rim Elevation : 20.432'

SDCI4
Rim Elevation : 17.917'

SDCI5
Rim Elevation : 27.352'
INV (W Con Pipe) = 21.62'

SDCI6
Rim Elevation :24.657'
INV (E Con Pipe) = 18.58'
INV (S Con Pipe) = 17.92'

SDCI7
Rim Elevation : 20.881'
INV (E Con Pipe) = 18.43'
INV (S Con Pipe) = 17.88'

SDCI8
Rim Elevation : 21.503'
INV (W Con Pipe) = 18.48'

SDCI9
Rim Elevation : 11.912'
INV (N Con Pipe) = 4.76'
INV (NE Con Pipe) = 5.14'
INV (SE Con Pipe) = 4.83'

SDCI10
Rim Elevation : 11.759'
INV (NW Con Pipe) = 4.75'
INV (NE Con Pipe) = 4.73'
INV (SE Con Pipe) = placeholder'

SDCI11
Rim Elevation : 8.645'
INV (NW Con Pipe) = 5.431'
INV (SE Con Pipe) = 5.467'

SDCI12
Rim Elevation : 4.529'
INV (E Con Pipe) = 3.079'
INV (W Con Pipe) = 2.888'

SDCI13
Rim Elevation : 4.517'
INV (E Con Pipe) = 3.098'

SDCI14
Rim Elevation : 4.786'
INV (W Con Pipe) = 2.167'

SDCI15
Rim Elevation : 5.3'
INV (E Con Pipe) = 1.74'
INV (W Con Pipe) = 1.47'
INV (S Con Pipe) = 1.53'

SDCI16
Rim Elevation : 5.683'
INV (W Con Pipe) = 2.43'
INV (SE Con Pipe) = 2.97'

SDCI17
Rim Elevation : 6.076'
INV (N Con Pipe) = 3.123'

SDCI18
Rim Elevation : 11.374'
INV (E Con Pipe) = 8.27'

SDCI19
Rim Elevation : 10.971'
INV (W Con Pipe) = 8.03'
INV (S Con Pipe) = 7.96'

SANITARY SEWER TABLE

SSMH 1
RIM 18.910'
INV (W Terracotta Pipe) = 11.57'
INV (E Terracotta Pipe) = 11.51'
INV (S Terracotta Pipe) = 10.49'

SSMH 2
RIM 13.879'
INV 8" (N Terracotta Pipe) = 8.37'
INV 8" (S Terracotta Pipe) = 8.31'
INV 2" (E PVC Pipe) = 11.14'

SSMH 3
RIM 11.293'
INV 8" (N Terracotta Pipe) = 5.28'
INV 8" (S Terracotta Pipe) = 1.77'
INV 8" (N Terracotta Pipe) = 1.86'

SSMH 4
RIM 8.468'
INV 8"(NE Terracotta Pipe) = 0.18'
INV 8"(NW Terracotta Pipe) = -3.58'
INV 8" (NE Terracotta Pipe) = -3.36'
INV 8" (SW Terracotta Pipe) = -3.61'
INV 10"(SE Terracotta Pipe) = -3.33'

SSMH 5
RIM 5.299'
INV 10" (NW Terracotta Pipe) = -4.84'
INV 8"(SW Terracotta Pipe) = -1.51'
INV 10"(SE Terracotta Pipe) = -4.88'

SSMH 6
RIM 6.183'
INV 10"(NW Terracotta Pipe) = -6.14'
INV 8"(NE Terracotta Pipe) = -0.32'
INV 12"(SE Terracotta Pipe) = -6.22'
INV 10"(SW Terracotta Pipe) = -8.02'

SSMH 7
RIM 5.79'
INV 10"(NE Terracotta Pipe) = -8.46'
INV 10" (S Terracotta Pipe) = -8.45'

SSMH 8
RIM 19.17'
INV 8" (SE Terracotta Pipe) = 12.61'

SSMH 9
RIM 6.01'
INV 12" (NW Terracotta Pipe) = -5.01'

STORM DRAINAGE MANHOLE TABLE:

SDMH 1
RIM 12.421'
INV (E Con Pipe) = 5.88'
INV (S Con Pipe) = 5.99'

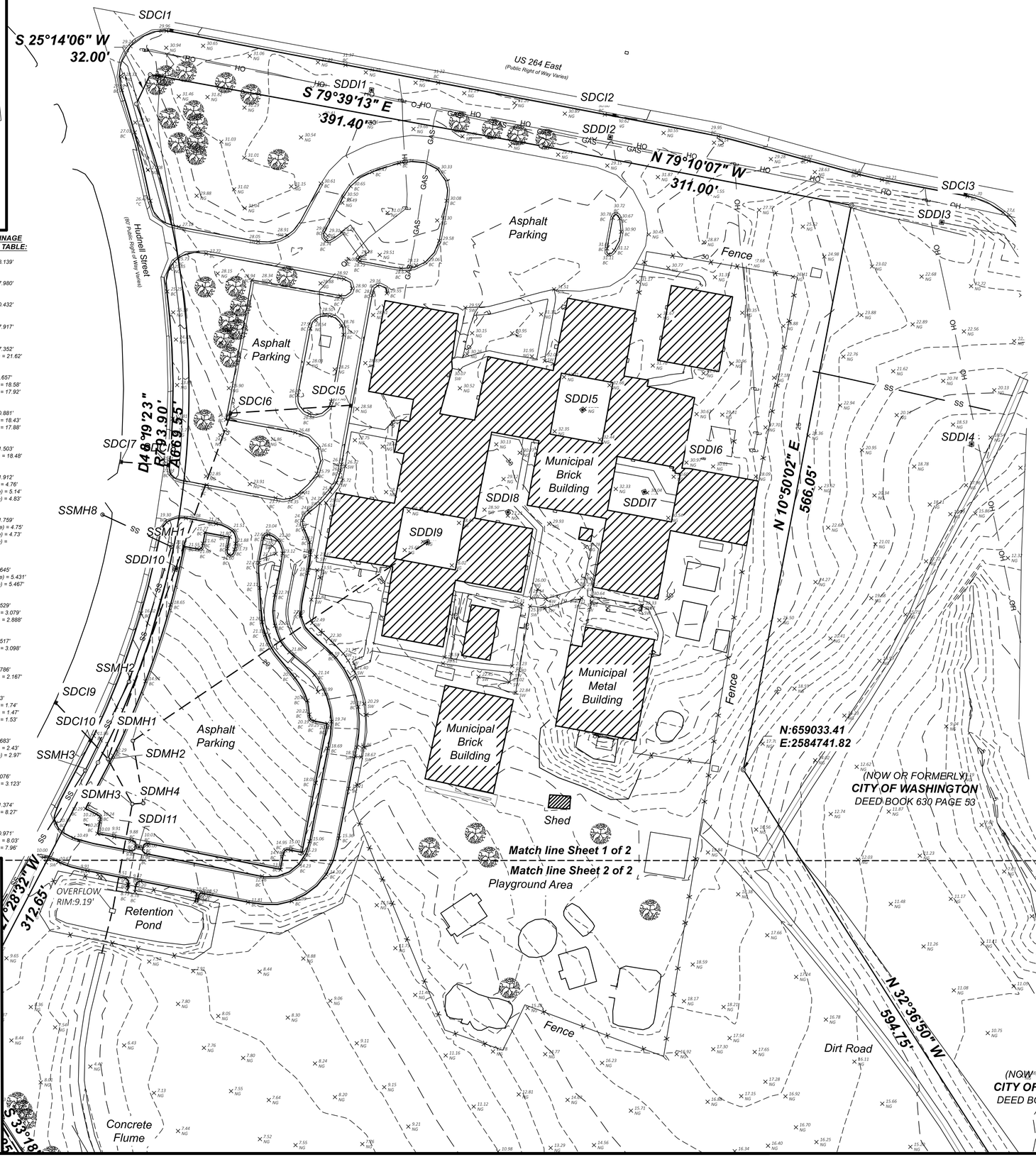
SDMH 2
RIM 12.11'
INV (NW Con Pipe) = 3.96'
INV (SE Con Pipe) = 4.42'

SDMH 3
RIM 10.975'
INV (NW Con Pipe) = 4.14'
INV (E Con Pipe) = 4.15'
INV (S Con Pipe) = 4.18'

SDMH 4
RIM 10.942'
INV (N Con Pipe) = 4.34'
INV (W Con Pipe) = 4.36'

SDMH 5
RIM 5.768'
INV (NW Corr Metal Pipe) = 1.46'
INV (NE Con Pipe) = 2.31'
INV (SW Con Pipe) = 1.56'

0 50 100



LEGEND

- PROPERTY BOUNDARY
- ADJACENT PROPERTY LINE
- RIGHT-OF-WAY
- BUILDING
- CURB AND GUTTER
- PAVEMENT EDGE
- GRAVEL
- WALL
- 71 CONTOUR MAJOR
- 70 CONTOUR MINOR
- SS SANITARY SEWER PIPE
- SANITARY SEWER MANHOLE
- W WATER PIPE
- FIRE HYDRANT
- STORM PIPE
- STORM STRUCTURES
- OH OVERHEAD UTILITY
- UE UNDERGROUND UTILITY
- FO FIBEROPTIC
- OVERHEAD POWER POLE
- LIGHTPOLE
- POWER POLE GUY WIRE
- SIGN
- FENCE
- NO POINT SET
- EXISTING IRON PIPE FOUND
- NEW IRON PIN WITH CAP
- BENCHMARK
- TREE

I, Stuart H. Sorrell, certify that this project was completed under my direct and responsible charge from an actual survey made under my supervision; that this ground survey was performed at the 95 percent confidence level to meet Federal Geographic Data Committee Standards; That this survey was performed to meet the requirements for a topographic survey to the accuracy of 0.15', and that the original data was obtained on April 29, 2024; that the survey was completed on October 8, 2024; that contours shown as may not meet the stated standard; and all coordinates are based on 'NAD 83' (2011) and all elevations are based on NAVD 88.

Surveyor's Certificate & Parcel Status

I, Stuart H. Sorrell, a Professional Land Surveyor in the State of North Carolina, certify that this plat was drawn under my supervision from an actual survey performed under my supervision. That the boundaries surveyed are defined in Deed Book 629 Page 063. That the boundaries not surveyed are clearly indicated. That the ratio of precision as calculated is 1: _10,000 +__. That the following information was used to perform the GPS survey.

GPS receiver used: Spectra SP 80
Class of survey : C
Positional accuracy : 0.03
Type of GPS field procedure : Virtual Receiving Station
Dates of survey : April 29, 2024
Datum/Epoch : NAD 83 / 2011 adjustment
Published / Fixed control used : "VRS"
Geoid Model : GEOID 18
Combined Grid Factor : 0.99990154
Units : US FOOT

NORTH CAROLINA PROFESSIONAL SEAL L-5562 LAND SURVEYOR STUART H. SORRELL

That this plat was prepared in accordance with GS 47-30 as amended. That this plat meets the requirements of GS 47-30 section F-11, as an existing parcel of land that does not create a new street or change and existing street.

Witness my original signature and seal this 8 day of October , 2024

Stuart H. Sorrell, Professional Land Surveyor L-5562

Sheet 1 of 2

A Boundary and Topo Survey for:

BOARD OF EDUCATION

City of Washington
Scale 1" = 100'

Beaufort County
Surveyed April 29, 2024

Sorrell Land Surveying, Inc.
Hugh A. Sorrell, L-2849 Stuart H. Sorrell, L-5562
107 Union Drive, Suite 101 Washington, NC
www.sorrellandsurveying.com
Company License: C-3508
Office (252) 948-2464
Mobile (252) 944-9798

N W E S

"Serving the land surveying needs of Eastern NC"

Match line Sheet 1 of 2

Match line Sheet 2 of 2

Playground Area

INV (W Con Pipe) = 8.03'
INV (S Con Pipe) = 7.95'

OVERFLOW
RIM:9.19'

Retention Pond

S 27°28'32" W
312.65'

SDCI11
SSMH4

Fence

Dirt Road

N 32°36'50" W
594.75'

(NOW OR FORMERLY)
CITY OF WASHINGTON
DEED BOOK 630 PAGE 53

Concrete Flume

Concrete Slabs

S 33°18'15" E
255.60'

Pennsylvania Ave
(60' Public Right of Way Varies)

S 32°34'58" E
194.50'

SSMH5

Concrete Flume

S 32°35'39" E
375.05'

(NOW OR FORMERLY)
Quail Ridge of Washington LLC
DEED BOOK 1713 PAGE 187

NC GRID
NAD 83/2011
"VRS"

S 32°31'20" E
175.60'

24" CMP
INV:2.60'

SDCI12
SDCI13

Municipal Metal Building

S 32°41'58" E
107.35'

40" CMP
INV:0.82'

SDDI13
SDDI12

Municipal Metal Building

N 33°30'21" W
42.80'

N 57°14'47" E
110.60'

S 57°44'37" W
60.10'

S 57°14'38" W
175.00'

SDCI19
SDCI18

S 32°20'25" E
81.80'

SSMH6

S 57°46'11" W
339.40'

N 32°28'43" W
119.90'

SDDI14

Asphalt Parking

SDDI15

S 32°34'17" E
181.25'

SSMH7

SDDI16

N 57°46'11" E
38.10'

N 57°14'47" E
4.30'

36"RCP
INV:1.84

SDCI14

S 58°18'46" W
72.15'

SDCI15

2.08 NG
4.58 NG
1.74 NG
4.29 NG

0 50 100

Adjoiners

1. (NOW OR FORMERLY) **Cemetery** DEED BOOK AD1 PAGE 598
2. (NOW OR FORMERLY) **Janice Moore** DEED BOOK 2127 PAGE 142
3. (NOW OR FORMERLY) **Bernardino D. Jones** DEED BOOK 1072 PAGE 489
4. (NOW OR FORMERLY) **Terry L. Peele** DEED BOOK 1765 PAGE 332
5. (NOW OR FORMERLY) **Qeyanna D. K. Rome** DEED BOOK 2102 PAGE 733
6. (NOW OR FORMERLY) **Terry L. Peele** DEED BOOK 1765 PAGE 332
7. (NOW OR FORMERLY) **Yvonne C. Gibbs** DEED BOOK 976 PAGE 492
8. (NOW OR FORMERLY) **William Guilford** DEED BOOK 727 PAGE 678
9. (NOW OR FORMERLY) **Jose C. Gonzalez** DEED BOOK 2030 PAGE 375
10. (NOW OR FORMERLY) **Vanessa Satterthwaite** DEED BOOK 995 PAGE 39
11. (NOW OR FORMERLY) **Quail Ridge of Washington LLC** DEED BOOK 1713 PAGE 187

Sheet 2 of 2

A Boundary and Topo Survey for:

BOARD OF EDUCATION

Beaufort County
Scale 1" = 100'

Beaufort Township
Surveyed April 29, 2024

10/08/2024

NORTH CAROLINA PROFESSIONAL SEAL L-2562 LAND SURVEYOR STUART H. SORRELL

Sorrell Land Surveying, Inc.
Hugh A. Sorrell, L-2849 *Stuart H. Sorrell, L-5562*
107 Union Drive, Suite 101 Washington, NC
www.sorrelllandsurveying.com
Company License: C-3508

N W E S

"Serving the land surveying needs of Eastern NC"

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GENERAL DEMOLITION NOTES

1. EXISTING TOPOGRAPHIC SURVEY PROVIDED BY SORRELL LAND SURVEYING, INC.
   107 UNION DRIVE, SUITE 203, WASHINGTON, NC 27889
   OFFICE: 252-948-2464 / CELL: 252-495-1518
2. ALL SITE WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND OR REGULATORY AGENCIES, CODES, AND REGULATIONS FOR NEW CONSTRUCTION AND DEMOLITION.
3. REMOVE ANY CONCRETE, ASPHALT, OR OTHER DEBRIS AS SPECIFIED, WHICH IS EXPOSED THROUGH DEMOLITION AND CONSTRUCTION OPERATIONS OF ANY PRIME CONTRACTOR.
4. GENERAL CONTRACTOR SHALL REPLACE AND OR REPAIR ANY DAMAGED OR CRACKED SECTIONS OF CONCRETE CURB, WALK OR ASPHALT PAVING THAT IS TO REMAIN AS REQUIRED. SAWCUT OFF BROKEN OR CRACKED SECTIONS TO PROVIDE A STRAIGHT UNIFORM EDGE. PROVIDE A SMOOTH TRANSITION TO EXISTING FINISHES.
5. GENERAL CONTRACTOR SHALL RETAIN A PRIVATE UTILITY LOCATOR SERVICE TO LOCATE AND IDENTIFY ALL UNDERGROUND UTILITIES.
6. G.C. SHALL REROUTE ALL UNDERGROUND STORM DRAINAGE, SANITARY SEWER SERVICES, WATER SERVICES, IRRIGATION LINES, GAS LINES, ELECTRICAL LINES ETC. (WHETHER OR WHETHER NOT SHOWN) THAT HAVE BEEN IDENTIFIED BY THE PRIVATE LOCATOR SERVICE OR EXPOSED DURING DEMOLITION AND CONSTRUCTION OPERATIONS AS REQUIRED.
7. ANY EXISTING TREES, LANDSCAPED AREAS AND BUFFERYARDS THAT ARE TO REMAIN SHALL BE PROTECTED AS REQUIRED FROM ALL DEMOLITION AND CONSTRUCTION ACTIVITIES PER THE CITY OF HENDERSON PLANNING AND DEVELOPMENT REGULATIONS.
8. SEWER MANHOLES, CATCH BASINS, VALVE BOXES, CLEAN OUTS, GRATES & COVERS THAT ARE TO REMAIN IN USE SHALL BE PROTECTED AND ADJUSTED AS REQUIRED TO MEET FINAL GRADES. CONTRACTOR SHALL IDENTIFY AND LOCATE EACH AND ADJUST AS REQUIRED TO NEW FINISH ELEVATIONS. PROVIDE HEAVY DUTY TRAFFIC RATED COVERS IN ALL TRAFFIC ASPHALT AREAS.

North Carolina 811 www.nc811.org

EACH PRIME CONTRACTOR PERFORMING EXCAVATIONS OR UNDER-GROUND WORK SHALL BE RESPONSIBLE FOR THE LOCATION OF ANY AND ALL UTILITIES BY CONTACTING THE APPROPRIATE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION IN ORDER THAT EXISTING UTILITIES IN THE AREA MAY BE FLAGGED AND STAKED. ALSO CONTACT PITT COUNTY FOR ANY PRIVATE UTILITIES THAT COULD BE IN THE AREA. CONTRACTOR SHALL USE CARE AND PRECAUTION WORKING IN AREAS KNOWN OR SUSPECTED TO CONTAIN UNDERGROUND UTILITIES INCLUDING HAND DIGGING.

NOTE:
FOR DEMOLITION AND RELOCATION OF ALL OHE, AG/UG POWER DISTRIBUTION TRANSFORMERS, POWER/ LIGHT POLES, DATA, TELECOMM, ETC. SEE ELECTRICAL DEMOLITION PLANS

Hodges Ave.

Highway 264 - Pactolus Hwy

Maple Street

Pennsylvania Ave.

Huskill Street

Harvey St.

CITY OF WASHINGTON
DB: 630, P. 53
9.58 Ac.

CITY OF WASHINGTON
ELECTRICAL SUBSTATION

METROPOLITAN HOUSING AND COMMUNITY DEVELOPMENT
DB: 1580, P. 258

QUAIL RIDGE OF WASHINGTON LLC
DB: 1713, P. 187

QUAIL

WILLIAM GULFOF
DB: 727, P. 678

YVONNE C. GIBBS
DB: 976, P. 492

TERRY PEELE
DB: 1765, P. 332

CEYANIA D.K. ROME
DB: 2102, P. 733

BERNARDINO D. JAMES
DB: 1072, P. 489

JANICE MOORE
DB: 2127, P. 142

PARCEL
DB: 401, P. 598

Existing Classroom Building To Remain

Existing Classroom Building To Remain

Existing Gymnasium

Beaufort County Schools Maintenance Department

Beaufort County Schools

EXISTING C.L. FENCE TO REMAIN DURING PHASE I DEMOLITION

REMOVE EXISTING CHAIN LINK FENCE AS REQUIRED TO THIS POINT

REMOVE EXISTING HARD COURT COMPLETE

REMOVE EXISTING CHAIN LINK FENCE AS REQUIRED

INSTALL TEMPORARY CHAIN LINK CONSTRUCTION FENCING AS REQUIRED

REMOVE EXISTING LARGE HARDWOOD TREES COMPLETE

REMOVE EXISTING PLAYGROUND EQUIPMENT AS REQUIRED. USE ALL CARE AS NECESSARY, DO NOT DAMAGE. TURN OVER ALL EQUIPMENT TO OWNER

REMOVE EXISTING LARGE HARDWOOD TREE COMPLETE

RECONSTRUCT EXISTING STORM WATER DETENTION FACILITY, REFERENCE C-101

REMOVE EXISTING PINE TREES COMPLETE

REMOVE EXISTING CONCRETE FLUME, COMPLETE, COORDINATE REMOVAL WITH C-101

SAWCUT AND REMOVE EXISTING ROW COORDINATE LOCATION AS REQUIRED SHEETS C-201

SAWCUT AND REMOVE EXISTING ROW COORDINATE LOCATION AS REQUIRED SHEET C-101 BACKFILL AS SPECIFIED AND TEMPORARY TOP DRESS WITH CABC FLUSH WITH EXISTING ASPHALT

S32° 36'50"E - 849.48'

N32° 30'30"E - 900.54

S32° 39'59"E - 379.03'

N57° 23'29"E - 258.68' (DEED TOTAL)

N32° 30'29"W - 44.56'

S32° 28'43"E - 78.90'

N32° 48'16"W - 384.21'

S32° 41'48"E - 107.43'

100.1 SITE DEMOLITION PLAN - PHASE I
SCALE: 1" = 50'-0"

50 0 50 100 150 FEET
GRAPHIC SCALE

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. — ARCHITECTURAL CORPORATION — CERTIFICATE NUMBER C-418 — GREENVILLE, N.C.

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT — SEAL 23308 — CHRISTOPHER D. DAVIS

CIVIL ENGINEERING CONSULTANT:
Rivers & Associates, Inc.
License No. F-0334
107 East 2nd Street, Greenville, NC
(252)-714-3002

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. C 100

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EROSION CONTROL LEGEND

- LIMITS OF CONSTRUCTION / DISTURBANCE
- TEMPORARY DIVERSION SWALE (DIRECTION OF FLOW)
- TEMPORARY ROCK CHECK DAM
- TEMPORARY ROCK CHECK OUTLET
- TEMPORARY STORM INLET SEDIMENT TRAP
- TEMPORARY SEDIMENT FENCE
- SEDIMENT BAFFLES
- EXCELSIOR NETTING DITCH LINER
- STONE RIP RAP
  TEMPORARY CONVEYANCE STRUCTURE
  RIP-RAP, CLASS B STONE

LEGEND IS FOR REFERENCE ONLY; SYMBOLS / ABBREVIATIONS SHOWN DO NOT NECESSARILY APPLY TO THIS PROJECT.

811 Know what's **below.** **Call** before you dig.

EACH PRIME CONTRACTOR PERFORMING EXCAVATIONS OR UNDERGROUND WORK SHALL BE RESPONSIBLE FOR THE LOCATION OF ANY EXISTING UTILITIES BY THEMSELVES OR THEIR SUBCONTRACTORS BY TELEPHONING OR ELECTRONICALLY NOT LESS THAN 48 NOR MORE THAN 10 WORKING HOURS PRIOR TO COMMENCING CONSTRUCTION IN ORDER THAT EXISTING UTILITIES IN THE AREA MAY BE FLAGGED AND STAKED.ALSO CONTACT THE SCHOOL MAINTENANCE DEPARTMENT TO LOCATE ANY PRIVATE UTILS TIES IN THE AREA.CONTRACTOR SHALL USE ALL CARE NECESSARY WHEN WORKING IN AREAS KNOWN OR SUSPECTED TO CONTAIN UNDERGROUND UTILITIES,INCLUDING HAND DIGGING.

North Carolina One-Call Center — NORTH CAROLINA 811

GENERAL NOTES

1. EROSION AND SEDIMENT CONTROL (E&SC) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE AND LAND DISTURBING ACTIVITIES OCCUR
2. WHEN THE PROJECT IS COMPLETE, THE PERMITTEE 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/NCG01 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.
3. THE CONTRACTOR SHALL CONDUCT SELF-INSPECTIONS OF THE EROSION AND SEDIMENTATION CONTROL MEASURES AND COMPETE THE INSPECTION AND MONITORING RECORDS FOR ACTIVITIES UNDER STORMWATER GENERAL PERMIT NCG010000 AND SELF-INSPECTION RECORDS FOR LAND DISTURBING ACTIVITIES FROM PER G.S. 113A-54.1 TWELVE MONTHS OF COMPLETE INSPECTION FORMS SHALL BE KEPT ON- SITE AND AVAILABLE FOR INSPECTION AT ALL TIMES.
4. 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. 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. A RAIN GAUGE SHALL BE INSTALLED AT THE PROJECT SITE FOR MONITORING
5. EROSION AND SEDIMENT CONTROL (E&SC) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE AND LAND DISTURBING ACTIVITIES OCCUR.*
6. PERIMETER MEASURES MUST BE LEFT IN PLACE UNTIL ALL UPLAND AREAS ARE PERMANENTLY STABILIZED. AFTER SITE IS 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 TO PERMANENT BMPS UNTIL ALL UPLAND AREAS ARE PERMANENTLY STABILIZED.
7. DISCHARGE INTO THE SKIMMER BASINS SHOULD ENTER BEFORE THE BAFFLE FARTHEST FROM THE SKIMMER (INLET ZONE.) THE PERCENT OF SURFACE AREA FOR EACH SECTION OF THE BAFFLE IS AS FOLLOWS: INLET ZONE 25%, FIRST CELL 25%, SECOND CELL 25%, OUTLET ZONE 25%.
8. ALL SLOPES ARE TO BE 3:1 OR FLATTER AND SHALL BE SEEDED WITHIN 14 CALENDAR DAYS OF THE COMPLETION OF ANY PHASE OF GRADING IN ACCORDANCE WITH REF: NCG010000 NPDES GENERAL PERMIT.

101.1 INITIAL EROSION & SEDIMENTATION CONTROL PLAN - PHASE I

SCALE: 1" = 50'-0"

50 0 50 100 150 FEET

GRAPHIC SCALE

CIVIL ENGINEERING CONSULTANT:
Rivers & Associates, P.C.
License No. F-0334
107 East 2nd Street, Greenville, NC
(252)-714-3002

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. — CERTIFICATE OF AUTHORIZATION — NUMBER C-418 — GREENVILLE, NC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22305 — WILLIAM P. RIVERS

Beaufort PK-3 School

BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344

Date: 1 July 2024

Drawing no. C 101

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Hodges Ave.

Highway 264 - Pactolus Hwy

Maple Street

Pennsylvania Ave.

Hunnah Street

15th Street

S32° 36'50"E - 849.48'

S32° 39'39"E - 379.02'

S32° 48'19"E - 384.91'

CITY OF WASHINGTON
DB: 630, P. 53
9.58 Ac.

CITY OF WASHINGTON
ELECTRICAL SUBSTATION

METROPOLITAN HOUSING AND COMMUNITY DEVELOPMENT
DB: 1580, P. 258

QUAL RIDGE OF WASHINGTON LLC
DB: 1713, P. 187

WILLIAM QUILT OF
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DB: 2102, P. 733

BERNARDINO D. JAMES
DB: 1072, P. 489

JANICE MOORE
DB: 2127, P. 142

PARCEL
DB: 401, P. 598

Existing Classroom Building To Remain

Existing Gymnasium

Beaufort County Schools Maintenance Department

Beaufort County Schools

NOTE:
ONCE TSB#6 IS INSTALLED AND IN PLACE, INSTALL PERMANENT POND CONCRETE WALL STRUCTURE, CONTROL OUTLET STRUCTURE AND CONSERUCTED WETLAND

TSB #6
Top=11.0'
Bottom=8.0'

TEMPORARY BERM EL. =11.0'

TEMPORARY SILT FENCE

TEMPORARY SKIMMER OUTLET
CHECK OUTLET - 8.0'

8.0 TC

SEDIMENT BASIN BAFFLES
SEE DETAIL (TYP)

2C

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE - 100'L X 40'W
SEE DETAIL

CONCRETE WASHOUT PIT
SEE DETAIL

PROPOSED JOB CONSTRUCTION TRAILER LOCATION

GENERAL CONTRACTOR SHALL COORDINATE LIMITED STAGING AREA AND CONTRACTOR PARKING HERE. G.C. SHALL INSTALL 5'-0" H TEMPORARY CHAIN LINK CONSTRUCTION FENCING AS REQUIRED COMPLETE WITH LOCKABLE GATES. REPAIR ALL DAMAGED AREAS AS REQUIRED AT END OF PROJECT TO CONDITIONS EQUAL TO ORIGINAL.

TEMPORARY STOCKPILE AREA
7' HIGH MAX WITH 3:1
MAXIMUM 30ft. SLOPES

FINISH FLOOR = 15.0'

FINISH FLOOR = 15.0'

D=5A GRATE=14.00' INV=9.52'
D=6A GRATE=14.00' INV=9.52'
D=7A GRATE=14.00' INV=9.26'
D=8A GRATE=14.00' INV=9.52'
D=8A GRATE=14.00' INV=9.67'
D=10A GRATE=14.00' INV=9.85'
D=11A GRATE=13.50' INV=10.00
D=12A GRATE=14.00' INV=9.52'
D=13A GRATE=14.00' INV=9.00'
D=14A GRATE=13.50' INV=8.57'

50 LF - 15" RCP @ 0.3%
60 LF - 15" RCP @ 0.3%
90 LF - 15" RCP @ 0.3%
40 LF - 15" RCP @ 0.3%
68 LF - 15" RCP @ 0.3%
90 LF - 15" RCP @ 0.3%
90 LF - 15" RCP @ 0.3%
90 LF - 15" RCP @ 0.3%

HARDWARE CLOTH AND GRAVEL INLET PROTECTION (TYPICAL AROUND ALL NEW CATCH BASINS AND DROP INLETS)

MODIFY/RECONSTRUCT EXISTING CONTROL STRUCTURE AS REQUIRED

INV=6.26'

2A

2B

TEMPORARY SKIMMER BASIN #5 - PHASE 2
IN SHAPE OF PERMANENT WET POND
TOP=5.0'
BOTTOM=1.0'
EL. 3.0' = 17,450 SF
EL. 2.0' = 12,300 SF
EL. 1.0' = 11,000 SF
STORAGE REQUIRED 12.30 AC. DA=1800 CF/YEAR X 12.3 AC.=22,200 CF
STORAGE VOL.=B EL. 3.0'= PROVD=26,525 CF

Phase II
TSB #5
Top=9.0'
Bottom=3.0'

SEDIMENT BASIN BAFFLES
SEE DETAIL (TYP)

CONTROL OUTLET STRUCTURE

SDMH-2
RIM=9.00'
INV=3.20'

525 LF - 36" RCP @ 0.2%

SDMH-2
RIM=4.50'
INV=2.15'

165 LF - 36" RCP @ 0.2%

SDMH-1
RIM=6.00'
INV=1.8'

8 LF - 5" RCP @ 1.0%
NEW SDMH
RIM=3.2'
INV=2.93'+/-

TEMPORARY SILT FENCE

102.1 INITIAL SITE GRADING AND E&SC PLAN - PHASE II
SCALE: 1" = 50'-0"

50 0 50 100 150 FEET
GRAPHIC SCALE

EROSION CONTROL LEGEND

- LIMITS OF CONSTRUCTION / DISTURBANCE
- TEMPORARY DIVERSION SWALE (DIRECTION OF FLOW)
- TEMPORARY ROCK CHECK DAM
- TEMPORARY ROCK CHECK OUTLET
- TEMPORARY STORM INLET SEDIMENT TRAP
- TEMPORARY SEDIMENT FENCE
- SEDIMENT BAFFLES
- EXCELSIOR NETTING DITCH LINER
- STONE RIP RAP
- TEMPORARY CONVEYANCE STRUCTURE RIP-RAP, CLASS B STONE

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EACH PRIME CONTRACTOR PERFORMING EXCAVATIONS OR UNDERGROUND WORK SHALL BE RESPONSIBLE FOR THE LOCATION OF ANY EXISTING UTILITIES IN THE AREA OF THEIR WORK AND THE NC-811 CENTER IN THE AREA OF THE WORK SHALL BE NOTIFIED PRIOR TO COMMENCING CONSTRUCTION IN ORDER THAT EXISTING UTILITIES IN THE AREA MAY BE FLAGGED AND STAKED. ALSO CONTACT THE SCHOOL MAINTENANCE DEPARTMENT TO LOCATE ANY PRIVATE UTILITIES IN THE AREA. CONTRACTOR SHALL USE ALL CARE NECESSARY WHEN WORKING IN AREAS KNOWN OR SUSPECTED TO CONTAIN UNDERGROUND UTILITIES INCLUDING HAND DIGGING.

North Carolina One-Call Center

NORTH CAROLINA 811

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4. 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. 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. A RAIN GAUGE SHALL BE INSTALLED AT THE PROJECT SITE FOR MONITORING
5. EROSION AND SEDIMENT CONTROL (E&SC) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE AND LAND DISTURBING ACTIVITIES OCCUR."
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No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. CORPORATION NUMBER C-1418 GREENVILLE, N.C.

CIVIL ENGINEERING CONSULTANT:
Stephen A. Adams, P.E.
Senior Associate
License No. F-0334
107 East 2nd Street, Greenville, NC
(252)-714-3002

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 12324 STEPHEN ADAMS

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. C 102

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GENERAL DEMOLITION NOTES

1. EXISTING TOPOGRAPHIC SURVEY PROVIDED BY SORRELL LAND SURVEYING, INC.
   107 UNION DRIVE, SUITE 203, WASHINGTON, NC 27889
   OFFICE: 252-948-2464 / CELL: 252-495-1518
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3. REMOVE ANY CONCRETE, ASPHALT, OR OTHER DEBRIS AS SPECIFIED, WHICH IS EXPOSED THROUGH DEMOLITION AND CONSTRUCTION OPERATIONS OF ANY PRIME CONTRACTOR.
4. GENERAL CONTRACTOR SHALL REPLACE AND OR REPAIR ANY DAMAGED OR CRACKED SECTIONS OF CONCRETE CURB, WALK OR ASPHALT PAVING THAT IS TO REMAIN AS REQUIRED. SAWCUT OFF BROKEN OR CRACKED SECTIONS TO PROVIDE A STRAIGHT UNIFORM EDGE. PROVIDE A SMOOTH TRANSITION TO EXISTING FINISHES.
5. GENERAL CONTRACTOR SHALL RETAIN A PRIVATE UTILITY LOCATOR SERVICE TO LOCATE AND IDENTIFY ALL UNDERGROUND UTILITIES.
6. G.C. SHALL REROUTE ALL UNDERGROUND STORM DRAINAGE, SANITARY SEWER SERVICES, WATER SERVICES, IRRIGATION LINES, GAS LINES, ELECTRICAL LINES ETC. (WHETHER OR WHETHER NOT SHOWN) THAT HAVE BEEN IDENTIFIED BY THE PRIVATE LOCATOR SERVICE OR EXPOSED DURING DEMOLITION AND CONSTRUCTION OPERATIONS AS REQUIRED.
7. ANY EXISTING TREES, LANDSCAPED AREAS AND BUFFERYARDS THAT ARE TO REMAIN SHALL BE PROTECTED AS REQUIRED FROM ALL DEMOLITION AND CONSTRUCTION ACTIVITIES PER THE CITY OF HENDERSON PLANNING AND DEVELOPMENT REGULATIONS.
8. SEWER MANHOLES, CATCH BASINS, VALVE BOXES, CLEAN OUTS, GRATES & COVERS THAT ARE TO REMAIN IN USE SHALL BE PROTECTED AND ADJUSTED AS REQUIRED TO MEET FINAL GRADES. CONTRACTOR SHALL IDENTIFY AND LOCATE EACH AND ADJUST AS REQUIRED TO NEW FINISH ELEVATIONS. PROVIDE HEAVY DUTY TRAFFIC RATED COVERS IN ALL TRAFFIC ASPHALT AREAS.

North Carolina 811 www.nc811.org

EACH PRIME CONTRACTOR PERFORMING EXCAVATIONS OR UNDERGROUND WORK SHALL BE RESPONSIBLE FOR THE LOCATION OF ANY AND ALL UTILITIES BY CONTACTING THE APPROPRIATE NORTH CAROLINA ONE CALL CENTER AT 1-800-632-4949 AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION IN ORDER THAT EXISTING UTILITIES IN THE AREA MAY BE FLAGGED AND STAKED. ALSO CONTACT PITT COUNTY FOR ANY PRIVATE UTILITIES THAT COULD BE IN THE AREA. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE INCURRED IN AREAS KNOWN OR SUSPECTED TO CONTAIN UNDERGROUND UTILITIES INCLUDING HAND DIGGING.

NOTE:
FOR DEMOLITION AND RELOCATION OF ALL OHE, AG/UG POWER DISTRIBUTION TRANSFORMERS, POWER/ LIGHT POLES, DATA, TELECOMM, ETC. SEE ELECTRICAL DEMOLITION PLANS

Hodges Ave.

S32° 35' 36"E - 900.54'

CITY OF WASHINGTON
DB: 630, P. 53
9.58 Ac.

CITY OF WASHINGTON
ELECTRICAL SUBSTATION

METROPOLITAN HOUSING AND COMMUNITY DEVELOPMENT
DB: 1580, P. 258

S32° 36'50"E - 849.48'

N32° 23'23"E - 258.68' (MEASURED TOTAL)

QUAL RIDGE OF WASHINGTON LLC
DB: 1713, P. 187

Maple Street

S32° 35' 39"E - 376.03'

Highway 264 - Pactolus Hwy

Hudnell Street

Pennsylvania Ave.

Havens St.

Existing Classroom Building To Remain

Existing Gymnasium

Beaufort County Schools PK-3 FFE=15.00'

Beaufort County Schools Maintenance Department

Beaufort County Schools

EXISTING CL FENCE

REMOVE EXISTING CHAIN LINK FENCE TO THIS POINT ALIGN WITH CORNER EXISTING CLASSROOM BUILDING TO REMAIN

REMOVE EXISTING CHAIN LINK FENCE AS REQUIRED

REMOVE EXISTING CONCRETE WALK COMPLETE AS SHOWN

EXISTING ASPHALT PARKING LOT TO REMAIN SEE C-101C-201

SAWCUT AND REMOVE EXISTING ASPHALT

REMOVE EXISTING CONCRETE CURB & GUTTER COMPLETE AS SHOWN

REMOVE EXISTING STORM PIPE & INLETS COMPLETE

REMOVE EXISTING LARGE TREES-COMPLETE (TYP-4)

SAWCUT & TIE-IN TO EXISTING STORM PIPE, COORDINATE EXACT LOCATION AS REQUIRED WITH C-201

SAWCUT & TIE-IN TO EXISTING STORM PIPE, COORDINATE EXACT LOCATION AS REQUIRED WITH C-201

REMOVE EXISTING CONCRETE WALK AND CANOPY COMPLETE AS SHOWN

REMOVE EXISTING CHAIN LINK FENCE AS REQUIRED

SAWCUT & REMOVE EXISTING ASPHALT & BASE FOR NEW LANDSCAPE ISLAND, SEE C-202 (TYP-5)

SAWCUT AND REMOVE EXISTING CONCRETE CURB & GUTTER COMPLETE AS SHOWN

SAWCUT AND REMOVE EXISTING CONCRETE CURB & GUTTER AND FLUME COMPLETE AS SHOWN

REMOVE EXISTING CONCRETE FLUME COMPLETE

INSTALL TEMPORARY CHAIN LINK CONSTRUCTION FENCING AS REQUIRED

REMOVE EXISTING ASPHALT AND BASE COMPLETE

EXISTING POWER POLE, OHE TELECOMMUNICATIONS, & OTHER UTILITIES SHOWN AS A DIRECT CONFLICT WITH NEW CONSTRUCTION SHALL BE LOCATED AS REQUIRED. SEE SHEET C-101

REMOVE EXISTING CHAIN LINK FENCE AS REQUIRED

EXISTING STORM INLET TO REMAIN PROTECT AS REQUIRED

REMOVE EXISTING ASPHALT AND BASE COMPLETE RE PAVE AND RESTRIPE EXISTING LOT AS REQUIRED, SEE C-101/C-201

EXISTING STORM PIPE TO REMAIN

QUAL

WILLIAM CULIFOR
DB: 727, P. 678

YVONNE C. GIBBS
DB: 976, P. 492

TERRY PEELE
DB: 1765, P. 332

GEYANNA D.K. ROME
DB: 2102, P. 733

BERNARDINO D. JAMES
DB: 1072, P. 489

JANICE MOORE
DB: 2127, P. 142

PARCEL
DB: ADJ, PT 598

200.1 SITE DEMOLITION PLAN - PHASE II

SCALE: 1" = 50'-0"

50 0 50 100 150 FEET
GRAPHIC SCALE

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C.
ARCHITECTURAL CORPORATION
CORPORATE NUMBER C-1418
REGISTERED
GREENVILLE, N.C.

CIVIL ENGINEERING CONSULTANT:
Rivers & Associates, P.C.
License No. P-0334
107 East 2nd Street, Greenville, NC
(252)-714-3002

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22306 JOHN P. RIVERS

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No.: 22344
Date: 1 July 2024
Drawing no.: C 200

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S32° 36'50"E - 849.48'

Existing Gymnasium

Existing Classroom Building to Remain

Constructed Wetland-2 Bot.-6.0' W/S=8.0'

Forebay Bot.=7.0'

REINFORCED CONCRETE RETAINING WALL

5'-0" H. CHAIN LINK FENCE

STANDARD GUARDRAIL SYSTEM PER DOT STD. W-BEAM GUARDRAIL WITH WOOD POSTS

GATED EMERGENCY ACCESS 6" THICK CONCRETE DRIVE APRON REINF. W/ 6x6x2.9/2.9 WWM

6'-0" ORNAMENTAL STEEL SECURITY FENCE AS SPECIFIED

6'-0" STEEL SECURITY FENCE AS SPECIFIED

CONTROL GATE WITH KNOX FIRE DEPT. LOCK SEE DETAIL C-307

4"x6'-0" H. GATE W/ LOCKABLE HASP. PROVIDE PANIC HARDWARE

4" SOLID WHITE LINES (TYP)

CONCRETE WALK FLUSH WITH PAVEMENT, TAPER CURB DOWN AS REQUIRED BOTH SIDES. INSTALL DETECTABLE WARNING TILES FULL WIDTH

48"W CONCRETE VALLEY GUTTER

2'W SOLID WHITE STOP BAR - TYP

QUAIL RIDGE OF WASHINGTON LLC DB: 1713, P. 187

Maple Street

S32° 35'39"E - 375.03'

NEW 6'H H.D. GALV. CHAIN LINK FENCE

EXIST. TRANSFORMER

EX. PIV'S

EX. F/H

EXIST. ELECT. PANELS/DEVICES

EX. FDC

2" 59.5C - 10'-0" WIDE OVER 20'-0" WIDE X 6" THICK ABC

2" 59.5C OVER 6" ABC

BASKETBALL GOAL AS SPECIFIED (TYP.2)

5'W. CONCRETE WALK SLOPED 1:20 MAX. ENTIRE LENGTH SEE GRADING PLAN

42" HARDWOOD TREE

200 Building First Grade Classroom Wing FFE=15.00

400 Building Second Grade Classroom Wing FFE=15.00

300 Building Pre-Kindergarten Classroom Wing FFE=15.00

200 Building Kindergarten Classroom Wing FFE=15.00

400 Building Third Grade Classroom Wing FFE=15.00

100 Building Administration / Media Kitchen / Dining & Multipurpose FFE=15.00

NOTE: THESE DROP INLET FRAMES & GRATE ADA COMPLIANT - US FOUNDRY USF 4139 FRAME & 6002 GRATE OR APPROVED EQUAL

4" THICK CONCRETE WALK, TYP. U.O.N.

Dumpsters Service

Mech.

GAS METER

3" 59.5C OVER 8" ABC

3" 59.5C OVER 6" ABC

Buses

4" WHITE MINI-SKIP

Beaufort County Schools Maintenance Department

Existing Bioretention Facility (Modified) Top Bank -10.00' Bot. - 7.00'

Wet Detention-1 Top Wall 7.5' W/S 2.5' Bottom = 0.0' Sed. Bot.=(-1.0')

Forebay Bot.=1.0'

SEGMENTAL MASONRY BLOCK RETAINING WALL AS SPECIFIED

5'-0" H. BLACK VINYL COATED CHAIN LINK FENCE

EXISTING C.L. FENCE

EXISTING CONC. RAMP

EXISTING COMMUNICATIONS TOWER

Beaufort County Schools

NEW PR 6'W/6'H CHAIN LINK GATES W/ LOCKABLE HASP

6" THICK CONCRETE DRIVE APRON REINF. W/ 6x6x2.9/2.9 WWM WITH 12" PERIMETER TURNED DOWN EDGE

PRECAST CONCRETE WHEEL STOP (TYP)

SOLID WHITE DIAGONALS TYP.

4" THICK CONCRETE WALK FLUSH W/ PAVEMENT

34 SPACES

EXISTING PAVED DRIVE TO REMAIN

JANICE MOORE DB:1888, PG:1756 PROVIDE LOT AS SHOWN

PARCEL DB: AD1, P. 598

TIE-IN NEW C.L. FENCE TO EXISTING CORNER

QUAIL RIDGE OF WASHINGTON LLC DB: 1713, P. 187

VENESSA SATTERTHWAITE DB: 995, P. 39

JOSE C. GONZALES DB: 2030, P. 375

WILLIAM GUILFORD DB: 727, P. 678

YVONNE C. GIBBS DB: 976, P. 492

TERRY PEELE DB: 1765, P. 332

QEYANNA D.K. ROME DB: 2102, P. 733

BERNARDINO D. JAMES DB: 1072, P. 489

Runyon Road

Pennsylvania Ave.

Havens St.

EXISTING CONCRETE WALK

EXISTING PAVED PARKING LOT TO REMAIN

RESTRIPE THIS SPACE AS SHOWN 4" WIDE SOLID WHITE DIAGONALS

CONCRETE WALK FLUSH WITH PAVEMENT, INSTALL DETECTABLE WARNING TILES FULL WIDTH

2'W X 6'L SOL WHITE CROSSWALK BARS

4" SOLID DOUBLE YELLOW

4" WHITE LONG-SKIP

4" SOLID WHITE

4" WHITE MINI-SKIP

4" SOLID YELLOW DIAGONALS

6'-0" ORNAMENTAL STEEL SECURITY FENCE AS SPECIFIED

4'x6'H. GATE W/ LOCKABLE HASP. PROVIDE PANIC HARDWARE

10' ELECTRICAL EASEMENT

10' GAS UTILITY EASEMENT

GATED EMERGENCY ACCESS CONTROL GATE WITH KNOX FIRE DEPT. LOCK SEE DETAIL C-309

6" H.D. GALV. CHAIN LINK FENCE

NEW CHAIN LINK FENCE TIE-IN TO EXISTING AS REQUIRED

REDUNDANT (2)1-3" RPZ'S

8"RPDA

NEW CONCRETE DRIVE APRON

PR 4'W/6'H GATE W/ LOCKABLE HASP

2'W SOLID WHITE STOP BAR - TYP

48"W CONCRETE VALLEY GUTTER

CONCRETE WALK FLUSH WITH PAVEMENT, INSTALL DETECTABLE WARNING TILES FULL WIDTH

S31° 18'15"E - 255.59'

S32° 34'58"E - 194.52'

N32° 37'20"W - 175.61'

S32° 41'58"E - 107.37'

S32° 48'19"E - 184.31'

S33° 30'21"E - 44.58'

S32° 28'43"E - 119.90'

N37° 14'47"E - 175.00'

N37° 14'47"E - 150.42'

N37° 14'47"E - 448.90'

NORTH

201.1 SITE GEOMETRY PLAN (SOUTH)

SCALE: 1" = 40'-0"

40 0 40 80 120 FEET

GRAPHIC SCALE

No.	Date	Revision

Hite associates

ARCHITECTURE / PLANNING / TECHNOLOGY

2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. CORPORATION NORTH CAROLINA GREENVILLE

LICENSE NUMBER C-1218

SEAL 4118

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT

SEAL 23305

CHRISTOPHER M. PROCTOR

CIVIL ENGINEERING CONSULTANT:
Rivers & Associates, P.C.
License No. F-0334
107 East 2nd Street, Greenville, NC
(252)-714-3002

Beaufort PK-3 School

BEAUFORT COUNTY SCHOOLS

Washington / North Carolina / 27889

Project No. 22344

Date 1 July 2024

Drawing no. C 201

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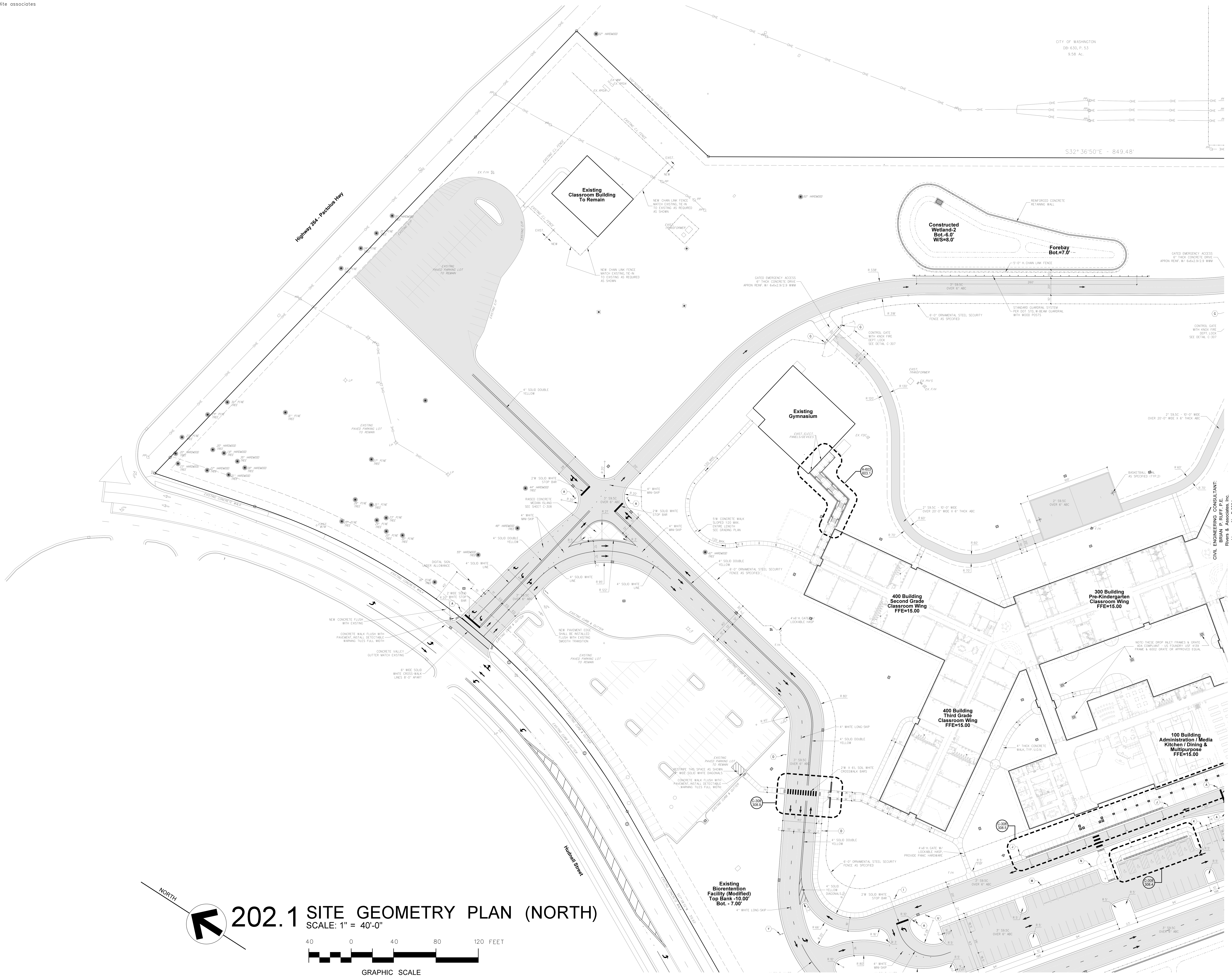

202.1 SITE GEOMETRY PLAN (NORTH)

SCALE: 1" = 40'-0"

40 0 40 80 120 FEET

GRAPHIC SCALE

NORTH

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. GREENVILLE — REGISTERED ARCHITECTURAL CORPORATION, STATE OF NORTH CAROLINA, CERTIFICATE NUMBER 418

NORTH CAROLINA PROFESSIONAL SEAL 22508 ENGINEER BRIAN P. RUFF

CIVIL ENGINEERING CONSULTANT:
BRIAN P. RUFF, P.E.
Rivers & Associates, Inc.
License No. F-0334
107 East 2nd Street, Greenville, NC
(252)-714-3002

Beaufort PK-3 School

BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344

Date: 1 July 2024

Drawing no. C 202

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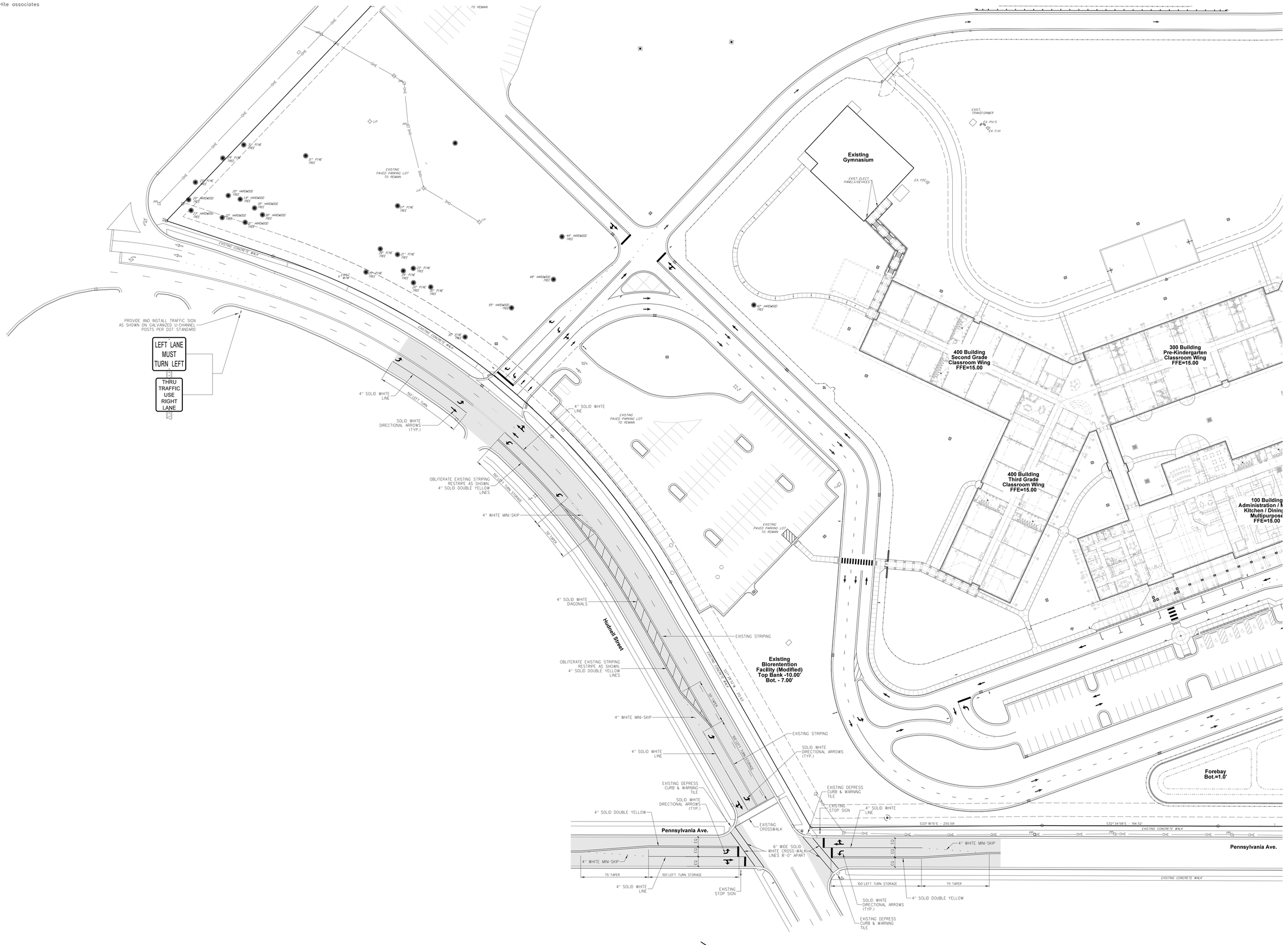

NORTH

203.1 SITE GEOMETRY PLAN (WEST)

SCALE: 1" = 40'-0"

40 0 40 80 120 FEET

GRAPHIC SCALE

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. GREENVILLE
REGISTERED ARCHITECTURAL CORPORATION
CERTIFICATE NUMBER 418
STATE OF NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 22508 ENGINEER BRIAN P. RUFF

CIVIL ENGINEERING CONSULTANT:
BRIAN P. RUFF, P.E.
Rivers & Associates, Inc.
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107 East 2nd Street, Greenville, NC
(252)-714-3002

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. C 203

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204.1 SITE GRADING & DRAINAGE PLAN (SOUTH)

SCALE: 1" = 40'-0"

NORTH

40 0 40 80 120 FEET

GRAPHIC SCALE

Constructed Wetland-2 Bot.=6.0' W/S=8.0'

Forebay Bot.=7.0'

Existing Gymnasium

400 Building Second Grade Classroom Wing FFE=15.00

400 Building Third Grade Classroom Wing FFE=16.00

300 Building Pre-Kindergarten Classroom Wing FFE=15.00

200 Building First Grade Classroom Wing FFE=15.00

200 Building Kindergarten Classroom Wing FFE=15.00

100 Building Administration / Media Kitchen / Dining & Multipurpose FFE=15.00

Beaufort County Schools Maintenance Department

Beaufort County Schools

Existing Bioretention Facility (Modified) Top Bank =10.00' Bot. = 7.00'

Wet Detention-1 Top Wall 7.5' W/S 2.5' Bottom = 0.0' Sed. Bot.=(-1.0')

Forebay Bot.=1.0'

Maple Street

Pennsylvania Ave.

Havens St.

QUAIL RIDGE OF WASHINGTON LLC DB: 1713, P. 187

VENESSA SATTERTHWAITE DB: 995, P. 39

JOSE C. CONZALES DB: 2030, P. 375

WILLIAM GUILFORD DB: 727, P. 678

YVONNE C. GIBBS DB: 976, P. 492

TERRY PEELE DB: 1765, P. 332

DEYANNA D.K. ROME DB: 2102, P. 733

BERNARDINO D. JAMES DB: 1072, P. 489

JANICE MOORE DB: 2127, P. 142

PARCEL ID: 401, PG 598

LEGEND

EIP - EXISTING IRON PIPE	UG - UNDERGROUND
IPS - IRON PIPE SET	OH - OVERHEAD
NPS - NO POINT SET	EIP - EXISTING IRON PIPE
ECM - EXISTING CONCRETE MONUMENT	F/F - FINISH FLOOR
R/W - RIGHT OF WAY	P/S - POINT OF SERVICE
B/M - BENCH MARK	WM - WATER METER
R/RS - RAILROAD SPIKE	F/H - FIRE HYDRANT
B/B - BACK OF CURB TO BACK OF CURB	FES - FLARED END SECTION
S/D - SIGHT DISTANCE	H/W - HEAD WALL
MBL - MINIMUM BUILDING LINE	B/O - BLOW OFF
R - RADIUS	GV - GATE VALVE
C/L - CENTERLINE	BV - BALL VALVE
P/L - PROPERTY LINE	EL. - ELEVATION
H/C - HANDICAP	P/P - POWER POLE
TC - TOP OF CURB/CONCRETE	T/P - TELEPHONE/ PED.
TP - TOP OF PAVEMENT	L/P - LIGHT POLE
TW - TOP OF WALK	CB - CATCH BASIN
TCW - TOP OF CONCRETE WALK	DI - DROP INLET
TCP - TOP OF CONCRETE PAD	STDI - SLAB TOP DROP INLET
TG - TOP OF GRADE	DIP - DUCTILE IRON PIPE
FG - FINISH GRADE	YI - YARD INLET
E/P - EDGE OF PAVEMENT	INV - INVERT
C&G - CURB & GUTTER	C/O - CLEAN OUT
EP/EP - EDGE PVMT TO EDGE PVMT	MH - MANHOLE
CMP - CORRUGATED METAL PIPE	SS - SANITARY SEWER
RCP - REINFORCED CONCRETE PIPE	SD - STORM DRAIN
GC - GENERAL CONTRACTOR	JB - JUNCTION BOX
PC - PLUMBING CONTRACTOR	SC - SITE CONTRACTOR
MC - MECHANICAL CONTRACTOR	EC - ELECTRICAL CONTRACTOR

- W — W — WATER LINE - PROPOSED/EXISTING
- FL — FL — FIRE LINE - PROPOSED/EXISTING
- 1" - 3" WATER LINE PROPOSED
- SS — SS — SANITARY SEWER - EXISTING
- SANITARY SEWER - PROPOSED
- FM — FM — FORCE MAIN - PROPOSED/EXISTING
- OHE — OHE — OVERHEAD POWER - NEW/EXISTING
- G — G — U.G. GAS LINE - NEW/EXISTING
- UE — UE — U.G. ELECTRICAL LINE - NEW/EXISTING
- C/T — C/T — U.G. COMMUNICATIONS / TELEP/TPHONE
- TELECOM — U.G. COMMUNICATIONS / TELEP/TPHONE
- PROPOSED STORM DRAINAGE
- PROPOSED HP DRAINAGE PIPE
- EXISTING STORM DRAINAGE
- +190.00 PROPOSED SPOT ELEVATION
- +190.00 EXISTING SPOT ELEVATION
- 24 EXISTING CONTOUR
- 24 PROPOSED CONTOUR
- FENCE LINE
- UTILITY TIE-IN CONNECTION POINT
- DIRECTION OF SWALE / FLOW

NOTE: SEE GRADING & DRAINAGE LEGEND ON C-201 FOR OTHER SYMBOLS AND ABBREVIATIONS

EROSION CONTROL LEGEND

- LIMITS OF CONSTRUCTION / DISTURBANCE
- TEMPORARY DIVERSION SWALE (DIRECTION OF FLOW)
- TEMPORARY ROCK CHECK DAM
- TEMPORARY ROCK CHECK OUTLET
- TEMPORARY STORM INLET SEDIMENT TRAP
- TEMPORARY SEDIMENT FENCE
- SEDIMENT BAFFLES
- EXCELSION NETTING DITCH LINER
- STONE RIP RAP TEMPORARY CONVENIENCE STRUCTURE RIP-RAP, CLASS B STONE

LEGEND IS FOR REFERENCE ONLY, SYMBOLS / ABBREVIATIONS SHOWN DO NOT NECESSARILY APPLY TO THIS PROJECT.

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. CORPORATE NUMBER C-1118 GREENVILLE, N.C.

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 2536 PROFESSIONAL

CIVIL ENGINEERING CONSULTANT: Rivers & Associates, P.C. License No. P-0334 107 East 2nd Street, Greenville, NC (252)-714-3002

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. C 204

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LEGEND

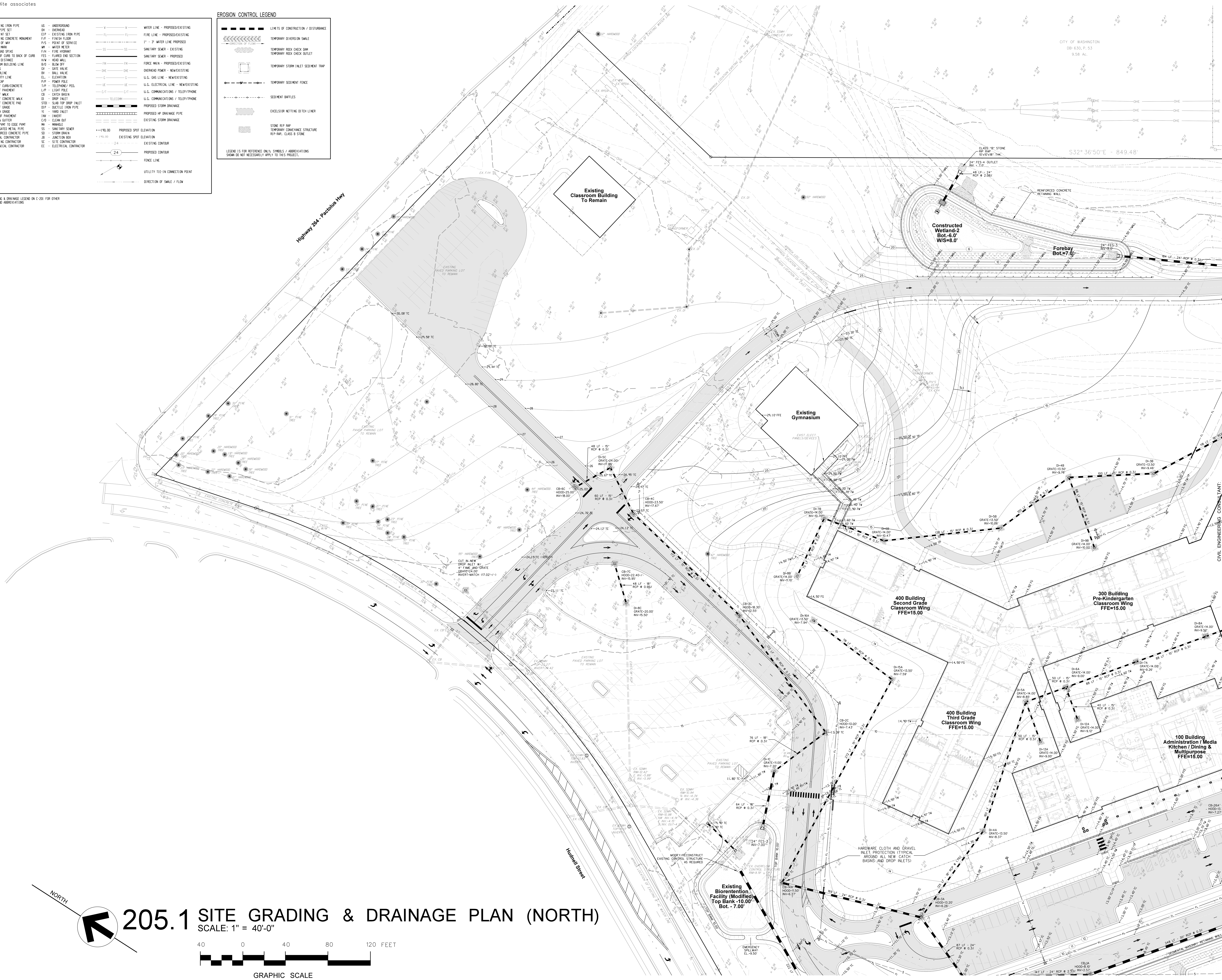
EIP - EXISTING IRON PIPE	UG - UNDERGROUND	WATER LINE - PROPOSED/EXISTING	
IPS - IRON PIPE SET	OH - OVERHEAD	FIRE LINE - PROPOSED/EXISTING	
NPS - NO POINT SET	EIP - EXISTING IRON PIPE	1" - 3" WATER LINE PROPOSED	
ECM - EXISTING CONCRETE MONUMENT	F/F - FINISH FLOOR	SANITARY SEWER - EXISTING	
R/W - RIGHT OF WAY	P/S - POINT OF SERVICE	SANITARY SEWER - PROPOSED	
B/M - BENCH MARK	WM - WATER METER	FORCE MAIN - PROPOSED/EXISTING	
R/RS - RAILROAD SPIKE	F/H - FIRE HYDRANT	OVERHEAD POWER - NEW/EXISTING	
B/B - BACK OF CURB TO BACK OF CURB	FES - FLARED END SECTION	U.G. GAS LINE - NEW/EXISTING	
S/D - SIGHT DISTANCE	H/W - HEAD WALL	U.G. ELECTRICAL LINE - NEW/EXISTING	
MBL - MINIMUM BUILDING LINE	B/O - BLOW OFF	U.G. COMMUNICATIONS / TELEP/TPHONE	
R. - RADIUS	GV - GATE VALVE	U.G. COMMUNICATIONS / TELEP/TPHONE	
C/L - CENTERLINE	BV - BALL VALVE	PROPOSED STORM DRAINAGE	
P/L - PROPERTY LINE	EL. - ELEVATION	PROPOSED HP DRAINAGE PIPE	
H/C - HANDICAP	P/P - POWER POLE	EXISTING STORM DRAINAGE	
TC - TOP OF CURB/CONCRETE	T/P - TELEPHONE/ PED.	+190.00 PROPOSED SPOT ELEVATION	
TP - TOP OF PAVEMENT	L/P - LIGHT POLE	+ 190.00 EXISTING SPOT ELEVATION	
TW - TOP OF WALK	CB - CATCH BASIN	24 EXISTING CONTOUR	
TCW - TOP OF CONCRETE WALK	DI - DROP INLET	24 PROPOSED CONTOUR	
TCP - TOP OF CONCRETE PAD	STDI - SLAB TOP DROP INLET	FENCE LINE	
TG - TOP OF GRADE	DIP - DUCTILE IRON PIPE	UTILITY TIE-IN CONNECTION POINT	
FG - FINISH GRADE	YI - YARD INLET	DIRECTION OF SWALE / FLOW	
E/P - EDGE OF PAVEMENT	INV - INVERT		
C&G - CURB & GUTTER	C/O - CLEAN OUT		
EP/EP - EDGE PVMT TO EDGE PVMT	MH - MANHOLE		
CMP - CORRUGATED METAL PIPE	SS - SANITARY SEWER		
RCP - REINFORCED CONCRETE PIPE	SD - STORM DRAIN		
GC - GENERAL CONTRACTOR	JB - JUNCTION BOX		
PC - PLUMBING CONTRACTOR	SC - SITE CONTRACTOR		
MC - MECHANICAL CONTRACTOR	EC - ELECTRICAL CONTRACTOR		

NOTE: SEE GRADING & DRAINAGE LEGEND ON C-201 FOR OTHER SYMBOLS AND ABBREVIATIONS

EROSION CONTROL LEGEND

- LIMITS OF CONSTRUCTION / DISTURBANCE
- TEMPORARY DIVERSION SWALE (DIRECTION OF FLOW)
- TEMPORARY ROCK CHECK DAM / TEMPORARY ROCK CHECK OUTLET
- TEMPORARY STORM INLET SEDIMENT TRAP
- TEMPORARY SEDIMENT FENCE
- SEDIMENT BAFFLES
- EXCELSIOR NETTING DITCH LINER
- STONE RIP RAP / TEMPORARY CONVEYANCE STRUCTURE / RIP-RAP, CLASS B STONE

LEGEND IS FOR REFERENCE ONLY; SYMBOLS / ABBREVIATIONS SHOWN DO NOT NECESSARILY APPLY TO THIS PROJECT.



205.1 SITE GRADING & DRAINAGE PLAN (NORTH)

SCALE: 1" = 40'-0"

40 0 40 80 120 FEET

GRAPHIC SCALE

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

No.	Date	Revision

HITE ASSOCIATES, P.C. — REGISTERED ARCHITECTURAL CORPORATION — CERTIFICATE NUMBER 418 — STATE OF NORTH CAROLINA — GREENVILLE

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22508 BRIAN P. RUFF

CIVIL ENGINEERING CONSULTANT:
BRIAN P. RUFF, P.E.
Rivers & Associates, Inc.
License No. F-0334
107 East 2nd Street, Greenville, NC
(252)-714-3002

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344

Date: 1 July 2024

Drawing no. C 205

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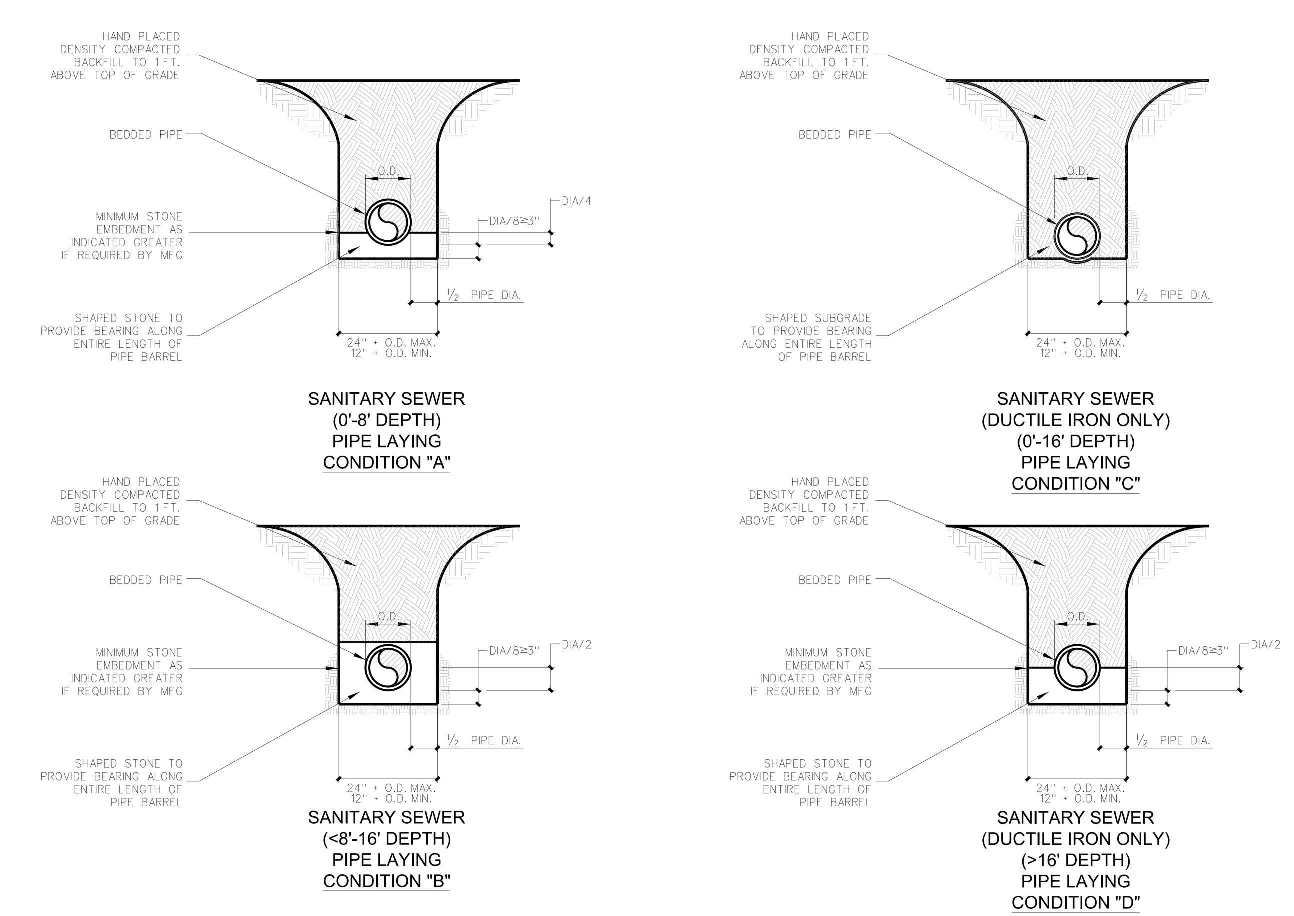


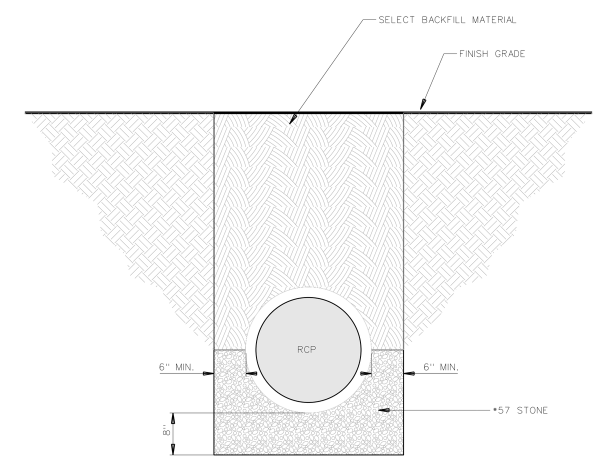
SEWER PIPE LAYING CONDITIONS

NOT TO SCALE

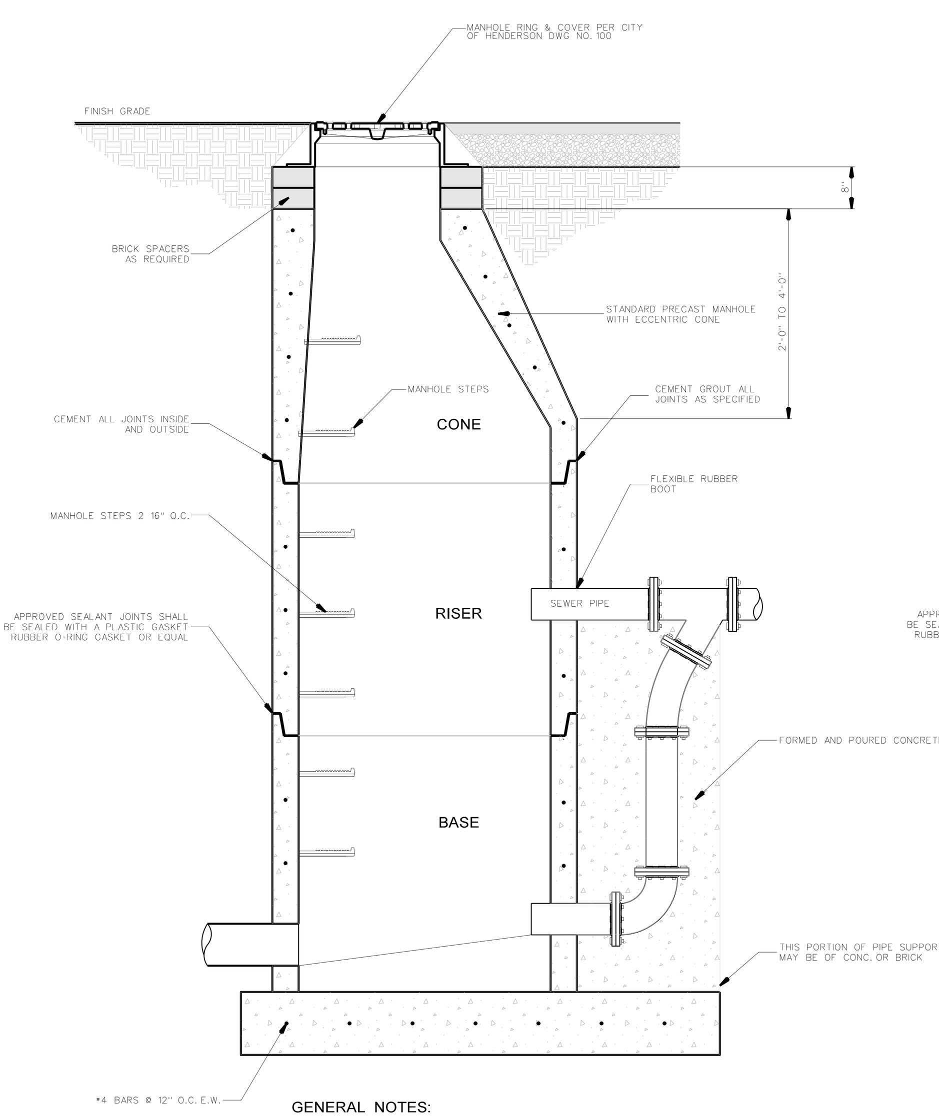
D.I. SEWER PIPE LAYING CONDITIONS

NOT TO SCALE

301.8 PIPE LAYING CONDITIONS
SCALE: NONE



301.7 STORM PIPE LAYING CONDITIONS
SCALE: NONE



GENERAL NOTES:

CONCRETE SHALL BE 4000 PSI MINIMUM

REINFORCING STEEL ASTM A-615 GRADE 60

STRUCTURES SHALL MEET NCDOT APPROVAL TO 10' IN DEPTH

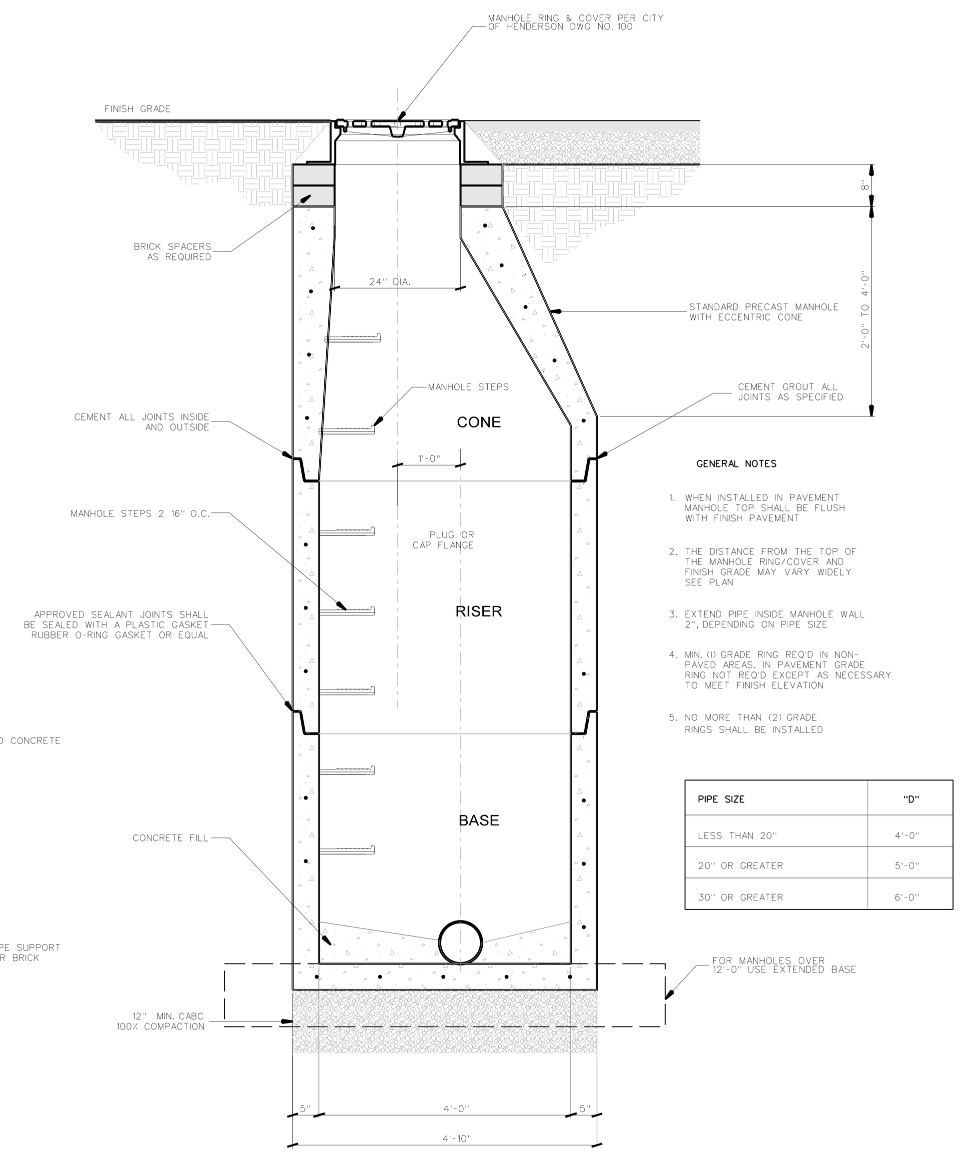
ALL SOLID BOXES SHALL MEET H-20 LOADING TO A DEPTH OF 15'-0".

PRECAST BOXES SHALL MEET ALL NCDOT STANDARDS

ANY MODIFICATION TO ANY PRECAST BOX MAY NULLIFY H-20 LOADING ABILITY.

ALL JOINTS TO BE SEALED WITH BUTYL RUBBER JOINT SEALANT CONFORMING TO THE REQUIREMENTS OF ASTM C990, OR MORTAR AS PER NCDOT REQUIREMENTS.

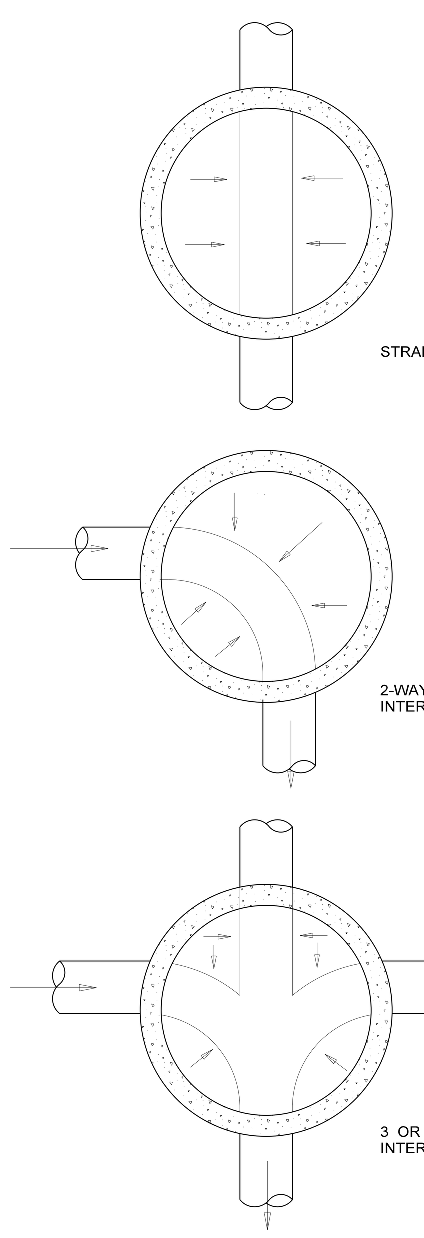
SHALL BE REQUIRED ON BOXES OVER 3'-6" IN DEPTH. STEPS SHALL BE COPOLYMER POLYPROPYLENE PLASTIC AND SHALL MEET THE REQUIREMENTS OD ASTM C478



GENERAL NOTES

1. WHEN INSTALLED IN PAVEMENT MANHOLE TOP SHALL BE FLUSH WITH FINISH PAVEMENT
2. THE DISTANCE FROM THE TOP OF THE MANHOLE RING/COVER AND FINISH GRADE MAY VARY WIDELY SEE PLAN
3. EXTEND PIPE INSIDE MANHOLE WALL 2", DEPENDING ON PIPE SIZE
4. MIN. (1) GRADE RING REQ'D IN NON-PAVED AREAS. IN PAVEMENT GRADE RING NOT REQ'D EXCEPT AS NECESSARY TO MEET FINISH ELEVATION
5. NO MORE THAN (2) GRADE RINGS SHALL BE INSTALLED

PIPE SIZE	"D"
LESS THAN 20"	4'-0"
20" OR GREATER	5'-0"
30" OR GREATER	6'-0"



MANHOLE INVERTS

NOTES:

ALL UNITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH AND REINFORCED EQUAL TO OR EXCEED AASHO SPECS. M199-731 (ASTM C478) "PRECAST REINFORCED CONCRETE M.H. SECTIONS"

CONCRETE SHALL BE 4000 PSI MIN.

MANHOLE STEPS TO BE M.A. INDUSTRIES MODEL PS-1 STEEL REINF. PLASTIC OR EQUAL

ALL UNITS SHALL BE POURED MONOLITHICALLY AND STEAM CURED.

PIPE OPENINGS SIZE AND LOCATION SHALL SUIT SPECIFIC MANHOLE USE

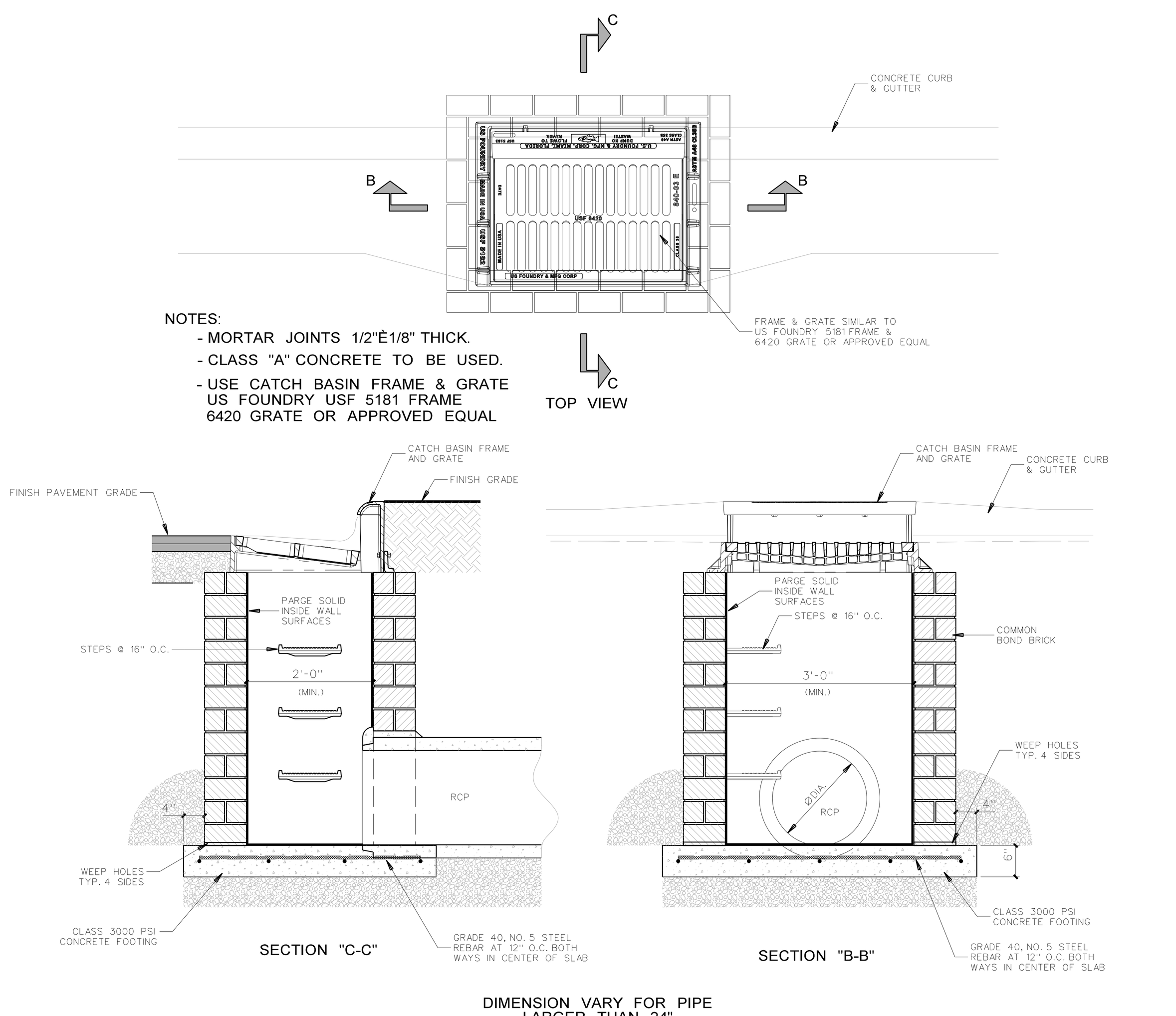
MH FRAME SHALL BE GROUTED TO BASE OF MH FOR A TIGHT WATERPROOF SEAL. IN THE EVENT RAISING IS NEEDED, SOLID MASONRY BRICK SHALL BE USED

NOTE

INVERTS TO BE SHAPED ACCURATELY TO A SMOOTH SEMI-CIRCLE FINISH CONFORMING TO THE INSIDE CONTOUR OF THE ADJACENT SEWER SECTIONS. ALL ENTERING BRANCHES AND CHANGES IN DIRECTIONS SHALL BE FORMED BY CIRCULAR CURVE IN THE INVERT OF AS LARGE A RADIUS AS THE SIZE OF MANHOLE WILL PERMIT. CHANGES OF SIZE AND GRADE OF CHANNELS SHALL BE MADE GRADUALLY AND EVENLY. THE INVERT CHANNELS SHALL BE FORMED DIRECTLY IN THE CONCRETE OF THE MANHOLE BASE, OR SHALL BE BUILT UP WITH BRICK AND MORTAR. THE FLOOR OF THE MANHOLE OUTSIDE THE CHANNELS SHALL BE SMOOTH AND SHALL SLOPE TOWARD THE CHANNELS NOT LESS THAN 1" PER FOOT NOR MORE THAN 2" PER FOOT.

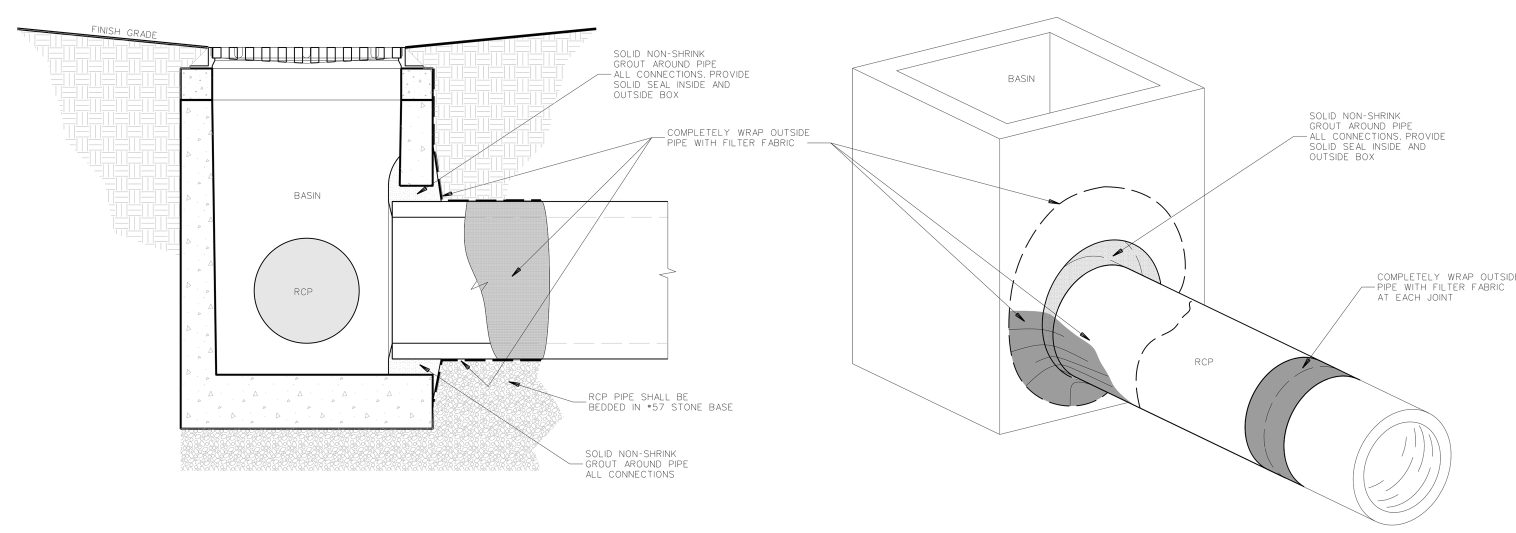
301.6 TYPICAL PRE-CAST MANHOLE
SCALE: 1/2" = 1'-0"

NOTES:
- MORTAR JOINTS 1/2"È1/8" THICK.
- CLASS "A" CONCRETE TO BE USED.
- USE CATCH BASIN FRAME & GRATE US FOUNDRY USF 5181 FRAME 6420 GRATE OR APPROVED EQUAL



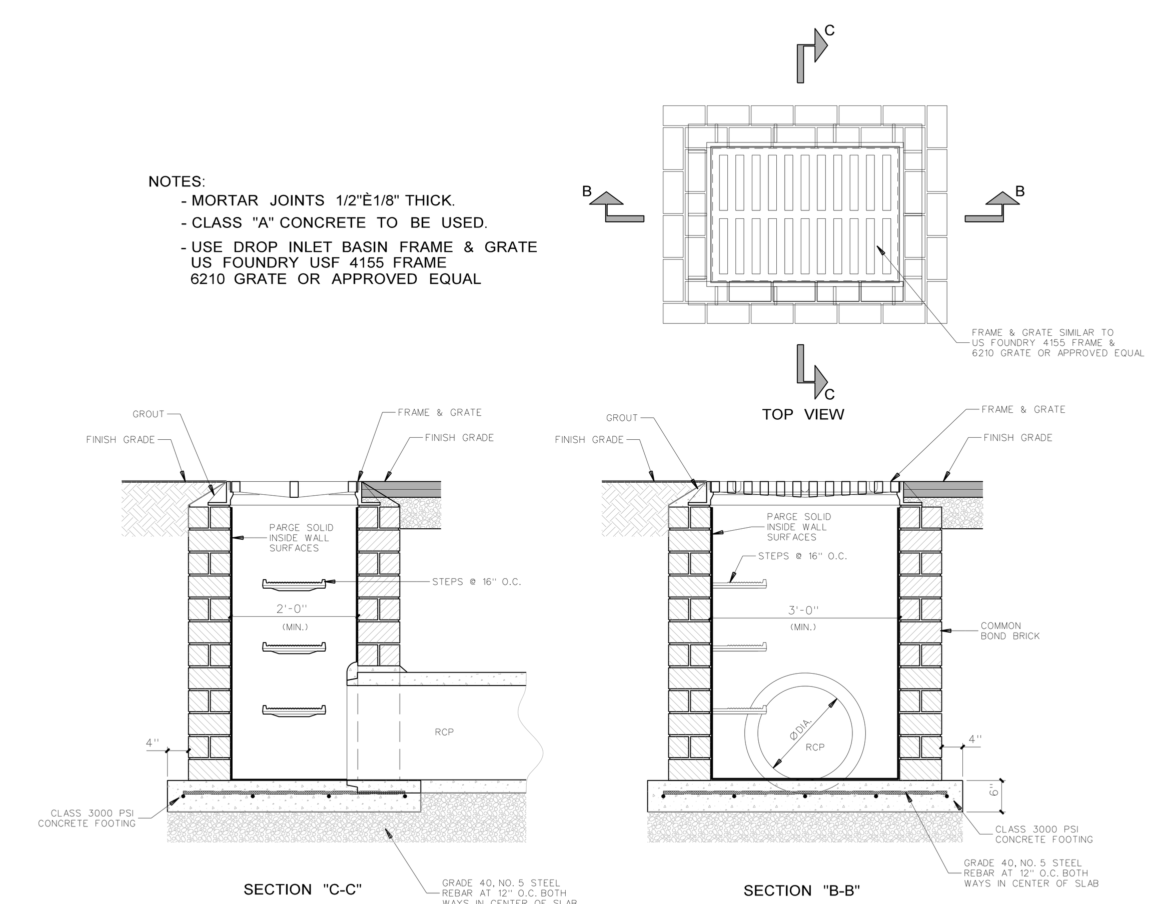
DIMENSION VARY FOR PIPE LARGER THAN 24"

301.5 MASONRY CATCH BASIN DETAIL
SCALE: 1/2" = 1'-0"



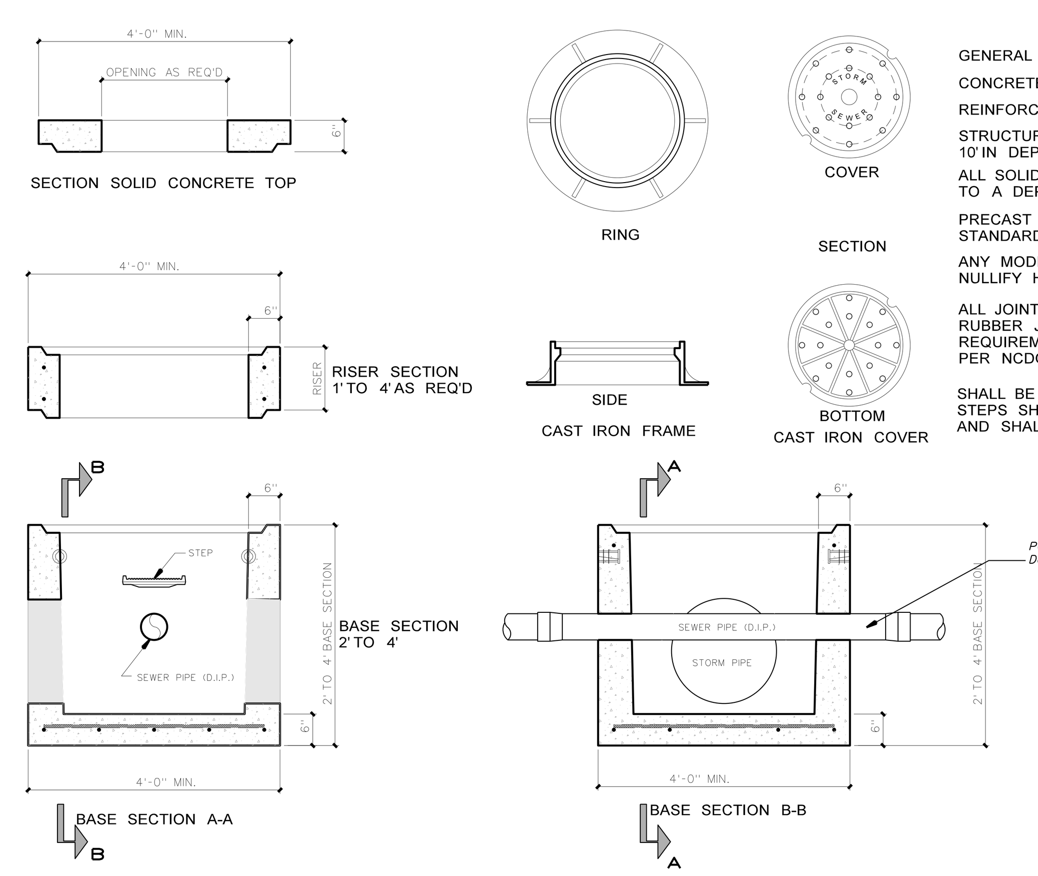
301.4 RCP CONNECTION @ BASIN
SCALE: NONE

NOTES:
- MORTAR JOINTS 1/2"È1/8" THICK.
- CLASS "A" CONCRETE TO BE USED.
- USE DROP INLET BASIN FRAME & GRATE US FOUNDRY USF 4155 FRAME 6210 GRATE OR APPROVED EQUAL



DIMENSION VARY FOR PIPE LARGER THAN 24"

301.3 MASONRY DROP INLET DETAIL
SCALE: 1/2" = 1'-0"



GENERAL NOTES:

CONCRETE SHALL BE 4000 PSI MINIMUM

REINFORCING STEEL ASTM A-615 GRADE 60

STRUCTURES SHALL MEET NCDOT APPROVAL TO 10' IN DEPTH

ALL SOLID BOXES SHALL MEET H-20 LOADING TO A DEPTH OF 15'-0".

PRECAST BOXES SHALL MEET ALL NCDOT STANDARDS

ANY MODIFICATION TO ANY PRECAST BOX MAY NULLIFY H-20 LOADING ABILITY.

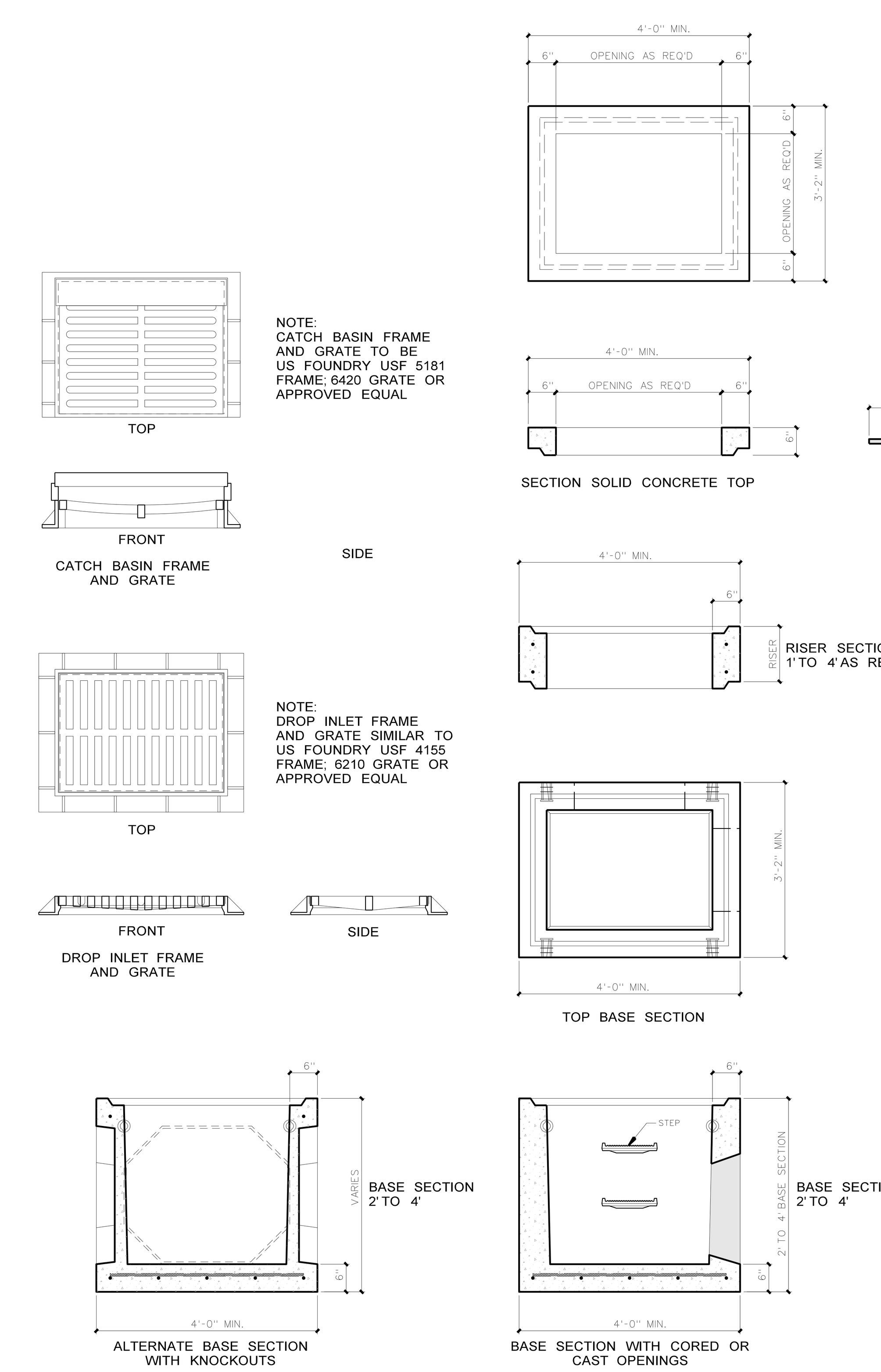
ALL JOINTS TO BE SEALED WITH BUTYL RUBBER JOINT SEALANT CONFORMING TO THE REQUIREMENTS OF ASTM C990, OR MORTAR AS PER NCDOT REQUIREMENTS.

SHALL BE REQUIRED ON BOXES OVER 3'-6" IN DEPTH. STEPS SHALL BE COPOLYMER POLYPROPYLENE PLASTIC AND SHALL MEET THE REQUIREMENTS OD ASTM C478

301.2 CONFLICT/JUNCTION BOX DETAIL
SCALE: 1/2" = 1'-0"

NOTE:

CONFLICT BOX SHALL ONLY BE UTILIZED WHERE SEWER DEPTHS ARE SHALLOW AND CONFLICT WITH STORM DRAINAGE CANNOT BE AVOIDED WITHOUT PUMPING. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM THE LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO CONSTRUCTION OF BOX.



NOTE:
CATCH BASIN FRAME AND GRATE TO BE US FOUNDRY USF 5181 FRAME; 6420 GRATE OR APPROVED EQUAL

NOTE:
DROP INLET FRAME AND GRATE SIMILAR TO US FOUNDRY USF 4155 FRAME; 6210 GRATE OR APPROVED EQUAL

GENERAL NOTES:

CONCRETE SHALL BE 4000 PSI MINIMUM

REINFORCING STEEL ASTM A-615 GRADE 60

STRUCTURES SHALL MEET NCDOT APPROVAL TO 10' IN DEPTH

ALL SOLID BOXES SHALL MEET H-20 LOADING TO A DEPTH OF 15'-0".

PRECAST BOXES SHALL MEET ALL NCDOT STANDARDS

ANY MODIFICATION TO ANY PRECAST BOX MAY NULLIFY H-20 LOADING ABILITY.

ALL JOINTS TO BE SEALED WITH BUTYL RUBBER JOINT SEALANT CONFORMING TO THE REQUIREMENTS OF ASTM C990, OR MORTAR AS PER NCDOT REQUIREMENTS.

SHALL BE REQUIRED ON BOXES OVER 3'-6" IN DEPTH. STEPS SHALL BE COPOLYMER POLYPROPYLENE PLASTIC AND SHALL MEET THE REQUIREMENTS OD ASTM C478

301.1 PRECAST STORM DRAINAGE STRUCTURE DETAIL
SCALE: 1/2" = 1'-0"

NOTE: DIMENSIONS VARY FOR PIPE LARGER THAN 24"

No.	Date	Revision

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Project No. 22344

Date: 1 July 2024

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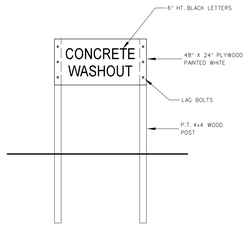
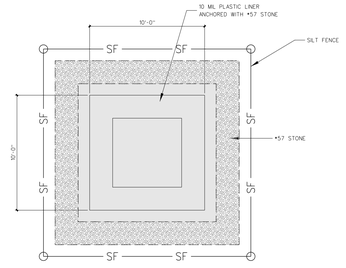
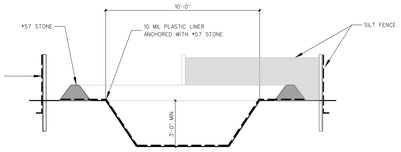


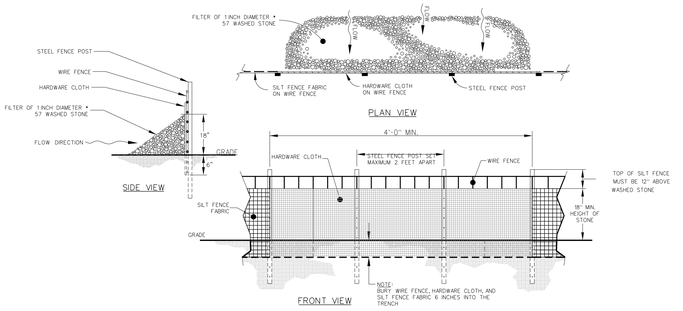




NOTES:

1. ACTUAL LAYOUT TO BE DETERMINED IN FIELD.
2. THE "CONCREE WASHOUT" SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. PIT CAPACITY IS MINIMUM OF 6 CF PER 10 CY OF CONCRETE
4. CONTRACTOR TO COORDINATE WITH USAGE CONTRACTING OFFICER FOR PROPER DISPOSAL OF CONCRETE.

302.7 CONCRETE WASH OUT PIT
SCALE: None



CONSTRUCTION SPECIFICATIONS:

1. INSTALL SILT FENCE PER STD. SILT FENCE DETAIL
2. LOCATE REINFORCED OUTLET AT LOW POINTS OF SILT FENCE BARRIER.
3. PLACE RIP RAP WITH CARE. DO NOT TEAR SILT FENCE FABRIC.

MAINTENANCE:

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.

302.6 TEMP. SILT FENCE OUTLET
SCALE: None

RIPRAP OUTLET PROTECTION

CONSTRUCTION SPECIFICATIONS

1. ENSURE THAT THE SUBGRADE FOR THE FILTER AND RIPRAP FOLLOWS THE REQUIRED LINES AND GRADES SHOWN IN THE PLAN. COMPACT ANY FILL REQUIRED IN THE SUBGRADE TO THE DENSITY OF THE SURROUNDING UNDISTURBED MATERIAL. LOW AREAS IN THE SUBGRADE ON UNDISTURBED SOIL MAY ALSO BE FILLED BY INCREASING THE RIPRAP THICKNESS.

2. THE RIPRAP AND GRAVEL FILTER MUST CONFORM TO THE SPECIFIED GRADING LIMITS SHOWN ON THE PLANS.

3. FILTER CLOTH, WHEN USED, MUST MEET DESIGN REQUIREMENTS AND BE PROPERLY PROTECTED FROM PUNCHING OR TEARING DURING INSTALLATION. REPAIR ANY DAMAGE BY REMOVING THE RIPRAP AND PLACING ANOTHER PIECE OF FILTER CLOTH OVER THE DAMAGED AREA. ALL CONNECTING JOINTS SHOULD OVERLAP SO THE TOP LAYER IS ABOVE THE DOWNSTREAM LAYER A MINIMUM OF 1 FOOT. IF THE DAMAGE IS EXTENSIVE, REPLACE THE ENTIRE FILTER CLOTH.

4. RIPRAP MAY BE PLACED BY EQUIPMENT, BUT TAKE CARE TO AVOID DAMAGING THE FILTER.

5. THE MINIMUM THICKNESS OF THE RIPRAP SHOULD BE 1.5 TIMES THE MAXIMUM STONE DIAMETER.

6. RIPRAP MAY BE FIELD STONE OR ROUGH QUARRY STONE. IT SHOULD BE HARD, ANGULAR, HIGHLY WEATHER-RESISTANT AND WELL GRADED.

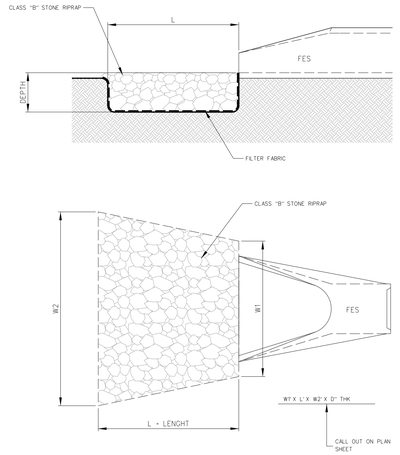
7. CONSTRUCT THE APRON ON ZERO GRADE WITH NO OVERFILL AT THE END. MAKE THE TOP OF THE RIPRAP AT THE DOWNSTREAM END LEVEL WITH THE RECEIVING AREA OR SLIGHTLY BELOW IT.

8. ENSURE THAT THE APRON IS PROPERLY ALIGNED WITH THE RECEIVING STREAM AND PREFERABLY STRAIGHT THROUGHOUT ITS LENGTH. IF A CURVE IS NEEDED TO FIT SITE CONDITIONS, PLACE IT IN THE UPPER SECTION OF THE APRON.

9. IMMEDIATELY AFTER CONSTRUCTION, STABILIZE ALL DISTURBED AREAS WITH VEGETATION

MAINTENANCE

INSPECT RIPRAP OUTLET STRUCTURES WEEKLY AND AFTER SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENTS TO SEE IF ANY EROSION AROUND OR BELOW THE RIPRAP HAS TAKEN PLACE, OR IF STONES HAVE BEEN DISLODGED. IMMEDIATELY MAKE ALL NEEDED REPAIRS TO PREVENT FURTHER DAMAGE.



NOTES:

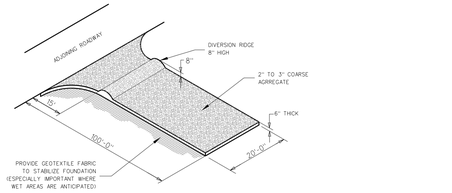
L = THE LENGTH OF THE RIPRAP APRON.

W1 = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6"

IN WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK, WHICHEVER IS LESS.

A FILTER BLANKET OR FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

302.5 RIPRAP OUTLET PROTECTION
SCALE: None



DESIGN CRITERIA

AGGREGATE SIZE USE 2-3 INCH WASHED STONE.

DIMENSIONS OF GRAVEL PAD
THICKNESS: 6 INCHES MINIMUM
WIDTH: 12-FEET MINIMUM OR FULL WIDTH AT ALL POINTS OF THE VEHICULAR

ENTRANCE AND EXIT AREA, WHICHEVER IS GREATER
LENGTH: 50-FEET MINIMUM

LOCATION LOCATE CONSTRUCTION ENTRANCES AND EXITS TO LIMIT SEDIMENT FROM LEAVING THE SITE AND TO PROVIDE FOR MAXIMUM UTILITY BY ALL CONSTRUCTION VEHICLES (FIGURE 6.06A). AVOID STEEP GRADES, AND ENTRANCES AT CURVES IN PUBLIC ROADS.

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 OTHER SUITABLE OUTLET.
4. USE GEOTEXTILE FABRICS BECAUSE THEY IMPROVE STABILITY OF THE FOUNDATION IN LOCATIONS SUBJECT TO SEEPAGE OR HIGH WATER TABLE.

MAINTENANCE:

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

302.4 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
SCALE: None

SEDIMENT FENCE

CONSTRUCTION SPECIFICATIONS

1. USE A SYNTHETIC FILTER FABRIC OF AT LEAST 95% BY WITH OF POLYOLEFINS OR POLYESTER, WHICH IS CERTIFIED BY THE MFG OR SUPPLIER AS CONFORMING TO THE REQUIREMENTS IN ASTM D6461, WHICH IS SHOWN IN PART IN TABLE 6.62B.

   SYNTHETIC FILTER FABRIC SHOULD CONTAIN ULTRAVIOLENT RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMP. RANGE OF 0 TO 120° F.

2. ENSURE THAT THE POSTS FOR SEDIMENT FENCES ARE 1.25 LB/LF MIN. STEEL WITH A MINIMUM LENGTH OF 5 FT. MAKE SURE THAT THE STEEL POSTS HAVE PROJECTIONS TO FACILITATE FASTENING THE FABRIC.
3. FOR REINFORCEMENT OF STANDARD STRENGTH FILTER FABRIC, USE WIRE FENCE WITH A MINIMUM 14 GA. AND A MAXIMUM MESH SPACING OF 6 INCHES.

CONSTRUCTION:

1. CONSTRUCT THE SEDIMENT BARRIER OF STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRICS.
2. ENSURE THAT THE HEIGHT OF THE SEDIMENT FENCE DOES NOT EXCEED 24 INCHES ABOVE THE GROUND SURFACE. (HIGHER FENCES MAY IMPACT VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.
3. CONSTRUCT THE FILER FABRIC FROM A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS. WHEN JOINTS ARE NECESSARY, SECURELY FASTEN THE FILTER CLOTH ONLY AT A SUPPORT POST WITH 4 FEET MINIMUM OVERLAY TO THE NEXT POST.
4. SUPPORT STANDARD FILTER FABRIC BY WIRE MESH FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS. EXTEND THE WIRE MESH SUPPORT TO THE BOTTOM OF THE TRENCH. FASTEN THE WIRE REINFORCEMENT, THEN FABRIC ON THE UPSLOPE SIDE OF THE FENCE POST. WIRE OF PLASTIC ZIP TIES SHOULD HAVE A MIN. 50 LB. TENSILE STRENGTH.
5. WHEN WIRE MESH SUPPORT FENCE IS USED, SPACE POSTS A MAX. OF 8 FEET APART. SUPPORT POSTS SHOULD BE DRIVEN SECURELY INTO THE GROUND A MIN. OF 2 INCHES.
6. EXTRA STRENGTH FILTER FABRIC WITH 6 FT. POST SPACING DOES NOT REQUIRE WIRE MESH SUPPORT FENCE. SECURELY FASTEN THE FILTER FABRIC DIRECTLY TO POSTS. WIRE OF PLASTIC ZIP TIES SHOULD HAVE A MIN. 50 LP. TENSILE STRENGTH.
7. EXCAVATE A TRENCH APPROX. 4" WIDE A 8" DEEP ALONG THE PROPOSED LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
8. PLACE 12" OF FILTER FABRIC ALONG THE BOTTOM AND SIDE OF THE TRENCH.
9. BACKFILL THE TRENCH WITH SOIL PLACED OVER THE FILTER FABRIC AND COMPACT. THROUGH COMPACTION OF THE BACKFILL IS CRITICAL TO THE SILT FENCE PERFORMANCE.
10. DO NOT ATTACH FILTER FABRIC TO EXISTING TREES.

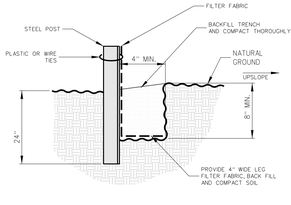
MAINTENANCE

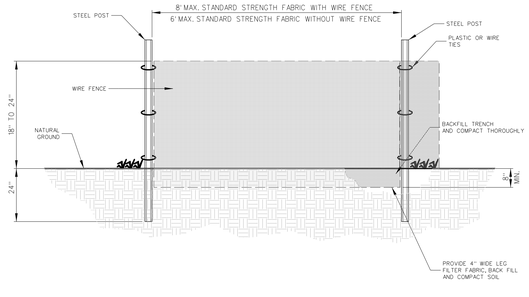
INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.

SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.

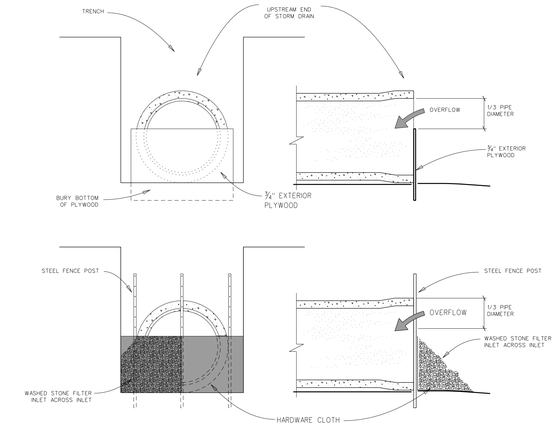
REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.

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.



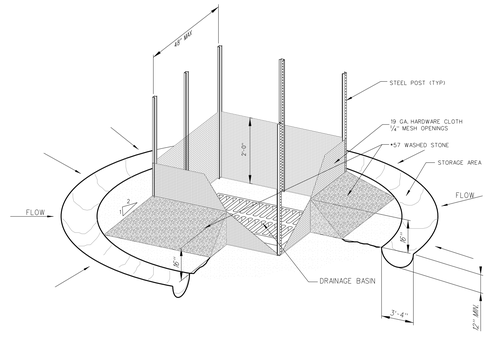


302.3 TEMPORARY SILT FENCE
SCALE: None



PLYWOOD INLET PROTECTION AND STONE FILTER PROTECTION

302.2 END-OF-DAY INLET PROTECTION
SCALE: None



HARDWARE CLOTH AND GRAVEL INLET PROTECTION

CONSTRUCTION SPECIFICATIONS

1. UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET.
2. DRIVE 5-FOOT STEEL POSTS 2 FEET INTO THE GROUND SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND THE PERIMETER OF THE INLET, A MAXIMUM OF 4 FEET APART.
3. SURROUND THE POSTS WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP, MIDDLE, AND BOTTOM; PLACING A 2-FOOT FLAP OF THE WIRE MESH UNDER THE GRAVEL FOR ANCHORING.
4. PLACE CLEAN GRAVEL (NCDOT#5 OR #57 STONE) ON A 2:1 SLOPE WITH A HEIGHT OF 16 INCHES AROUND THE WIRE AND SMOOTH TO AN EVEN GRADE.
5. ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ACCUMULATED SEDIMENT, AND ESTABLISH FINAL GRADING ELEVATIONS.
6. COMPACT THE AREA PROPERLY AND STABILIZE IT WITH GROUNDCOVER.

MAINTENANCE

1. INSPECT INLETS AT LEST WEEKLY AND AFTER EACH SIGNIFICANT (½ INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW. FOR SUBSEQUENT RAINS, TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.

302.1 HARDWARE CLOTH & GRAVEL INLET PROTECTION
SCALE: None

No.	Date	Revision

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BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date 1 July 2024
Drawing no. C 302

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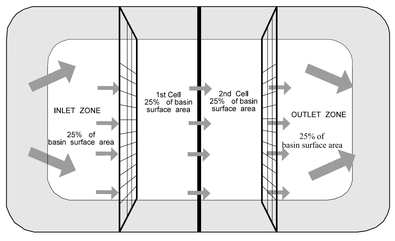
TEMPORARY BAFFLE

CONSTRUCTION SPECIFICATION

1. GRADE THE BASIN SO THAT THE BOTTOM IS LEVEL (FRONT TO BACK & SIDE TO SIDE).
2. INSTALL POSTS OR SAWHORSES THE WIDTH OF THE SEDIMENT TRAP.
3. STEEL POSTS SHOULD BE DRIVEN TO A DEPTH OF 24", SPACED A MAXIMUM OF 4' APART & INSTALLED ON THE SIDES OF THE BASIN AS WELL THE TOP OF THE FABRIC SHOULD BE 6" HIGHER THAN THE INVERT OF THE SPILLWAY. TOPS OF BAFFLES SHOULD BE 2" LOWER THAN THE TOP OF THE BERMS.
4. INSTALL AT LEAST (3) ROWS OF BAFFLES BETWEEN THE INLET & OUTLET DISCHARGE POINT. BASINS 20'IN LENGTH MAY USE (2) BAFFLES.
5. WHEN USING POSTS, ADD SUPPORT WIRE OR ROPE ACROSS THE TOP OF THE MEASURE TO PREVENT SAGGING.
6. WRAP POROUS MATERIAL (JUTE BACKED OR COIR) OVER SAWHORSES OR THE TOP WIRE. HAMMER REBAR INTO THE SAWHORSE LEGS FOR ANCHORING THE FABRIC. SHOULD HAVE 5% TO 10% OPENINGS IN THE WEAVE. ATTACH FABRIC TO A ROPE AND A SUPPORT STRUCTURE WITH ZIP TIES, WIRE OR STAPLES.
7. THE BOTTOM & SIDES OF THE FABRIC SHOULD BE ANCHORED IN A TRENCH OR PINNED WITH 8" EROSION CONTROL MATTING STAPLES.
8. DO NOT SPLICE FABRIC, BUT USE A CONTINUOUS PIECE ACROSS THE BASIN.

MAINTENANCE

1. INSPECT BAFFLES AT LEAST ONCE A WEEK & AFTER EACH RAINFALL MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
2. BE SURE TO MAINTAIN ACCESS TO BAFFLES.SHOULD THE FABRIC OF THE BAFFLE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
3. REMOVE SEDIMENT DEPOSITS WHEN IT REACHES HALF-FULL TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN & TO EDUCE PRESSURE ON THE BAFFLES. TAKE CARE TO AVOID DAMAGING THE BAFFLES DURING CLEAN OUT. SEDIMENT DEPTH SHOULD NEVER EXCEED HALF THE DESIGN STORAGE DEPTH.
4. AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED, REMOVE ALL BAFFLE MATERIALS & UNSTABLE SEDIMENT DEPOSITS. BRING THE AREA TO GRADE & STABILIZE IT.



PLAN VIEW

CONSTRUCTION SPECIFICATIONS:

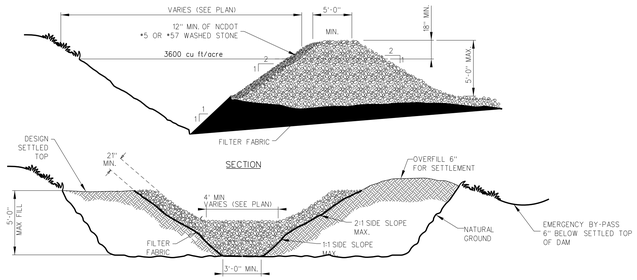
1. CLEAR, GRUB, AND STRIP THE AREA UNDER THE EMBANKMENT OF ALL VEGETATION AND ROOT MAT. REMOVE ALL SURFACE SOIL CONTAINING HIGH AMOUNTS OF ORGANIC MATTER, AND STOCKPILE OR DISPOSE OF IT PROPERLY. HAUL ALL OBJECTIONABLE MATERIAL TO THE DESIGNATED DISPOSAL AREA.
2. ENSURE THAT FILL MATERIAL FOR THE EMBANKMENT IS FREE OF ROOTS, WOODY VEGETATION, ORGANIC MATTER, AND OTHER OBJECTIONABLE MATERIAL. PLACE THE FILL IN LIFTS NOT TO EXCEED 9 INCHES, AND MACHINE COMPACT IT. OVER FILL THE EMBANKMENT 6 INCHES TO ALLOW FOR SETTLEMENT.
3. CONSTRUCT THE OUTLET SECTION IN THE EMBANKMENT. PROTECT THE CONNECTION BETWEEN THE RIPRAP AND THE SOIL FROM PIPING BY USING FILTER FABRIC OR A KEYWAY CUTOFF TRENCH BETWEEN THE RIPRAP STRUCTURE AND SOIL.

   * PLACE THE FILTER FABRIC BETWEEN THE RIPRAP AND THE SOIL. EXTEND THE FABRIC ACROSS THE SPILLWAY FOUNDATION AND SIDES TO THE TOP OF THE DAM; OR

   * EXCAVATE A KEYWAY TRENCH ALONG THE CENTER LINE OF THE SPILLWAY FOUNDATION EXTENDING UP THE SIDES TO THE HEIGHT OF THE DAM. THE TRENCH SHOULD BE AT LEAST 2 FEET DEEP AND 2 FEET WIDE WITH 1:1 SIDE SLOPES.
4. CLEAR THE POND AREA BELOW THE ELEVATION OF THE CREST OF THE SPILLWAY TO FACILITATE SEDIMENT CLEANOUT.
5. ALL CUT AND FILL SLOPES SHOULD BE 2:1 OR FLATTER.
6. ENSURE THAT THE STONE (DRAINAGE) SECTION OF THE EMBANKMENT HAS A MINIMUM BOTTOM WIDTH OF 3 FEET AND MAXIMUM SIDE SLOPES OF 1:1 THAT EXTEND TO THE BOTTOM OF THE SPILLWAY SECTION.
7. CONSTRUCT THE MINIMUM FINISHED STONE SPILLWAY BOTTOM WIDTH, AS SHOWN ON THE PLANS, WITH 2:1 SIDE SLOPES EXTENDING TO THE TOP OF THE OVER FILLED EMBANKMENT. KEEP THE THICKNESS OF THE SIDES OF THE SPILLWAY OUTLET STRUCTURE AT A MINIMUM OF 21 INCHES. THE WEIR MUST BE LEVEL AND CONSTRUCTED TO GRADE TO ASSURE DESIGN CAPACITY.
8. MATERIAL USED IN THE STONE SECTION SHOULD BE A WELL-GRADED MIXTURE OF STONE WITH A D50 SIZE OF 9 INCHES (CLASS B EROSION CONTROL STONE IS RECOMMENDED) AND A MAXIMUM STONE SIZE OF 14 INCHES. THE STONE MAY BE MACHINE PLACED AND THE SMALLER STONES WORKED INTO THE VOIDS OF THE LARGER STONES. THE STONE SHOULD BE HARD, ANGULAR, AND HIGHLY WEATHER-RESISTANT.
9. DISCHARGE INLET WATER INTO THE BASIN IN A MANNER TO PREVENT EROSION. USE TEMPORARY SLOPE DRAINS OR DIVERSIONS WITH OUTLET PROTECTION TO DIVERT SEDIMENT-LADEN WATER TO THE UPPER END OF THE POOL AREA TO IMPROVE BASIN TRAP EFFICIENCY (REFERENCES: RUNOFF CONTROL MEASURES AND OUTLET PROTECTION).
10. ENSURE THAT THE STONE SPILLWAY OUTLET SECTION EXTENDS DOWNSTREAM PAST THE TOE OF THE EMBANKMENT UNTIL STABLE CONDITIONS ARE REACHED AND OUTLET VELOCITY IS ACCEPTABLE FOR THE RECEIVING STREAM. KEEP THE EDGES OF THE STONE OUTLET SECTION FLUSH WITH THE SURROUNDING GROUND, AND SHAPE THE CENTER TO CONFINE THE OUTFLOW STREAM (REFERENCES: OUTLET PROTECTION).
11. DIRECT EMERGENCY BYPASS TO NATURAL, STABLE AREAS. LOCATE BYPASS OUTLETS SO THAT FLOW WILL NOT DAMAGE THE EMBANKMENT.
12. STABILIZE THE EMBANKMENT AND ALL DISTURBED AREAS ABOVE THE SEDIMENT POOL AND DOWNSTREAM FROM THE TRAP IMMEDIATELY AFTER CONSTRUCTION (REFERENCES: SURFACE STABILIZATION).
13. SHOW THE DISTANCE FROM THE TOP OF THE SPILLWAY TO THE SEDIMENT CLEANOUT LEVEL (1/2 THE DESIGN DEPTH) ON THE PLANS AND MARK IT IN THE FIELD.
14. INSTALL POROUS BAFFLES AS SPECIFIED IN PRACTICE 6.65, POROUS BAFFLES.

MAINTENANCE:

1. INSPECT TEMPORARY SEDIMENT TRAPS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT, AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS REMOVED IN THE DESIGNATED DISPOSAL AREA, AND REPLACE THE PART OF THE GRAVEL FACING THAT IS IMPAIRED BY SEDIMENT.
2. CHECK THE STRUCTURE FOR DAMAGE FROM EROSION OR PIPING, PERIODICALLY. CHECK THE DEPTH OF THE SPILLWAY TO ENSURE IT IS A MINIMUM OF 1.5 FEET BELOW THE LOW POINT OF THE EMBANKMENT. IMMEDIATELY FILL ANY SETTLEMENT OF THE EMBANKMENT TO SLIGHTLY ABOVE DESIGN GRADE. ANY RIPRAP DISPLACED FROM THE SPILLWAY MUST BE REPLACED IMMEDIATELY.
3. AFTER ALL SEDIMENT-PRODUCING AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE THE STRUCTURE AND ALL UNSTABLE SEDIMENT. SMOOTH THE AREA TO BLEND WITH THE ADJOINING AREAS, AND STABILIZE PROPERLY (REFERENCES: SURFACE STABILIZATION).



PLAN VIEW

303.4 TEMPORARY SEDIMENT TRAP
SCALE: NONE

SKIMMER BASIN

CONSTRUCTION SPECIFICATIONS

1. CLEAR, GRUB AND STRIP THE AREA UNDER THE EMBANKMENT OF ALL VEGETATION AND ROOT MAT. REMOVE ALL SURFACE SOIL CONTAINING HIGH AMOUNTS OF ORGANIC MATTER AND STOCKPILE OR DISPOSE OF IT PROPERLY. HAUL ALL OBJECTIONABLE MATERIAL TO THE DESIGNATED DISPOSAL AREA. PLACE TEMPORARY SEDIMENT CONTROL MEASURES BELOW BASIN AS NEEDED.
2. ENSURE THAT FILL MATERIAL FOR THE EMBANKMENT IS FREE OF ROOTS, WOODY VEGETATION, ORGANIC MATTER, AND OTHER OBJECTIONABLE MATERIAL. PLACE THE FILL IN LIFTS NOT TO EXCEED 9 INCHES, AND MACHINE COMPACT IT. OVER FILL THE EMBANKMENT 6 INCHES TO ALLOW FOR SETTLEMENT.
3. SHAPE THE BASIN TO THE SPECIFIED DIMENSIONS. PREVENT THE SKIMMING DEVICE FROM SETTLING INTO THE MUD BY EXCAVATING A SHALLOW PIT UNDER THE SKIMMER OF PROVIDING A LOW SUPPORT UNDER THE SKIMMER OF STONE OR TIMBER.
4. PLACE THE BARREL (TYPICALLY 4-INCH SCHEDULE 40 PVC PIPE) ON A FIRM, SMOOTH FOUNDATION OF IMPERVIOUS SOIL. DO NOT USE PERVIOUS MATERIAL SUCH AS SAND, GRAVEL, OR CRUSHED STONE AS BACKFILL AROUND THE PIPE. PLACE THE FILL MATERIAL AROUND THE PIPE SPILLWAY IN 4-INCH LAYERS AND COMPACT IT UNDER AND AROUND THE PIPE TO AT LEAST THE SAME DENSITY AS THE ADJACENT EMBANKMENT. CARE MUST BE TAKEN NOT TO RAISE THE PIPE FROM THE FIRM CONTACT WITH ITS FOUNDATION WHEN COMPACTING UNDER THE PIPE HAUNCHES. PLACE A MINIMUM DEPTH OF 2 FEET OF COMPACTED BACKFILL OVER THE PIPE SPILLWAY BEFORE CROSSING IT WITH CONSTRUCTION EQUIPMENT. IN NO CASE SHOULD THE PIPE CONDUIT BE INSTALLED BY CUTTING A TRENCH THROUGH THE DAM AFTER THE EMBANKMENT IS COMPLETE.
5. ASSEMBLE THE SKIMMER FOLLOWING THE MANUFACTURERS INSTRUCTIONS, OR AS DESIGNED.
6. LAY THE ASSEMBLED SKIMMER ON THE BOTTOM OF THE BASIN WITH THE FLEXIBLE JOINT AT THE INLET OF THE BARREL PIPE. ATTACH THE FLEXIBLE JOINT TO THE BARREL PIPE AND POSITION THE SKIMMER OVER THE EXCAVATED PIT OR SUPPORT. BE SURE TO ATTACH A ROPE TO THE SKIMMER AND ANCHOR IT TO THE SIDE OF THE BASIN. THIS WILL BE USED TO PULL THE SKIMMER TO THE SIDE FOR MAINTENANCE.
7. EARTHEN SPILLWAYS INSTALL THE SPILLWAY IN UNDISTURBED SOIL TO THE GREATEST EXTENT POSSIBLE. THE ACHIEVEMENT OF PLANNED ELEVATIONS, GRADE, DESIGN WIDTH, AND ENTRANCE AND EXIT CHANNEL SLOPES ARE CRITICAL TO THE SUCCESSFUL OPERATION OF THE SPILLWAY. THE SPILLWAY SHOULD BE LINED WITH LAMINATED PLASTIC OR IMPERMEABLE GEOTEXTILE FABRIC. THE FABRIC MUST BE WIDE AND LONG ENOUGH TO COVER THE BOTTOM AND SIDES AND EXTEND ONTO THE TOP OF THE DAM FOR ANCHORING IN A TRENCH. THE EDGES MAY BE SECURED WITH 8-INCH STAPLES OR PINS. THE FABRIC MUST BE LONG ENOUGH TO EXTEND DOWN THE SLOPE AND EXIT ONTO STABLE GROUND. THE WIDTH OF THE FABRIC MUST BE ONE PIECE, NOT JOINED OR SPLICED; OTHERWISE WATER CAN GET UNDER THE FABRIC. IF THE LENGTH OF THE FABRIC IS INSUFFICIENT FOR THE ENTIRE LENGTH OF THE SPILLWAY, MULTIPLE SECTIONS, SPANNING THE COMPLETE WIDTH, MAY BE USED. THE UPPER SECTION(S) SHOULD OVERLAP THE LOWER SECTION(S) SO THAT WATER CANNOT FLOW UNDER THE FABRIC. SECURE THE UPPER EDGE AND SIDES OF THE FABRIC IN A TRENCH WITH STAPLES OR PINS.
8. INLETS DISCHARGE WATER INTO THE BASIN IN A MANNER TO PREVENT EROSION. USE TEMPORARY SLOPE DRAINS OR DIVERSIONS WITH OUTLET PROTECTION TO DIVERT SEDIMENT-LADEN WATER TO THE UPPER END OF THE POOL AREA TO IMPROVE BASIN TRAP EFFICIENCY
9. EROSION CONTROL CONSTRUCT THE STRUCTURE SO THAT THE DISTURBED AREA IS MINIMIZED. DIVERT SURFACE WATER AWAY FROM BARE AREAS. COMPLETE THE EMBANKMENT BEFORE THE AREA IS CLEARED. STABILIZE THE EMERGENCY SPILLWAY EMBANKMENT AND ALL OTHER DISTURBED AREAS ABOVE THE CREST OF THE PRINCIPAL SPILLWAY IMMEDIATELY AFTER CONSTRUCTION.
10. INSTALL POROUS BAFFLES.
11. AFTER ALL THE SEDIMENT-PRODUCING AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE THE STRUCTURE AND ALL THE UNSTABLE SEDIMENT. SMOOTH THE AREA TO BLEND WITH THE ADJOINING AREAS AND STABILIZE PROPERLY.

MAINTENANCE

INSPECT SKIMMER SEDIMENT BASINS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (ONE-HALF INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. REMOVE SEDIMENT AND RESTORE THE BASIN TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT ACCUMULATES TO ONE-HALF THE HEIGHT OF THE FIRST BAFFLE. PULL THE SKIMMER TO ONE SIDE SO THAT THE SEDIMENT UNDERNEATH IT CAN BE EXCAVATED. EXCAVATE THE SEDIMENT FROM THE ENTIRE BASIN, NOT JUST AROUND THE SKIMMER OF THE FIRST CELL. MAKE SURE VEGETATION GROWING IN THE BOTTOM OF THE BASIN DOES NOT HOLD DOWN THE SKIMMER.

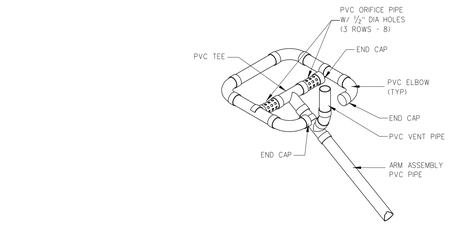
REPAIR THE BAFFLES IF THEY ARE DAMAGED. RE-ANCHOR THE BAFFLES IF WATER IS FLOWING UNDERNEATH OR AROUND THEM.

IF THE SKIMMER IS CLOGGED WITH TRASH AND THERE IS WATER IN THE BASIN, USUALLY JERKING ON THE ROPE WILL MAKE THE SKIMMER BOB UP AND DOWN AND DISLODGE THE DEBRIS AND RESTORE FLOW. IF THIS DOES NOT WORK, PULL THE SKIMMER OVER TO THE SIDE OF THE BASIN AND REMOVE THE DEBRIS. ALSO CHECK THE ORIFICE INSIDE THE SKIMMER TO SEE IF IT IS CLOGGED; IF SO REMOVE THE DEBRIS.

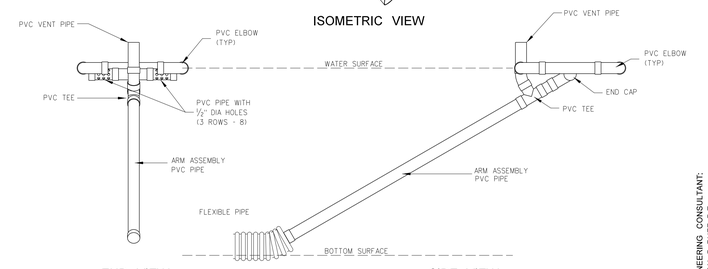
IF THE SKIMMER ARM OR BARREL PIPE IS CLOGGED, THE ORIFICE CAN BE REMOVED AND THE OBSTRUCTION CLEARED WITH A PLUMBER'S SNAKE OR BY FLUSHING WITH WATER. BE SURE AND REPLACE THE ORIFICE BEFORE REPOSITIONING THE SKIMMER.

CHECK THE FABRIC LINED SPILLWAY FOR DAMAGE AND MAKE ANY REQUIRED REPAIRS WITH FABRIC THAT SPANS THE FULL WIDTH OF THE SPILLWAY. CHECK THE EMBANKMENT, SPILLWAYS, AND OUTLET FOR EROSION DAMAGE, AND INSPECT THE EMBANKMENT FOR PIPING AND SETTLEMENT. MAKE ALL NECESSARY REPAIRS IMMEDIATELY. REMOVE ALL TRASH AND OTHER DEBRIS FROM THE SKIMMER AND POOL AREAS.

FREEZING WEATHER CAN RESULT IN ICE FORMING IN THE BASIN. SOME SPECIAL PRECAUTIONS SHOULD BE TAKEN IN THE WINTER TO PREVENT THE SKIMMER FROM PLUGGING WITH ICE.



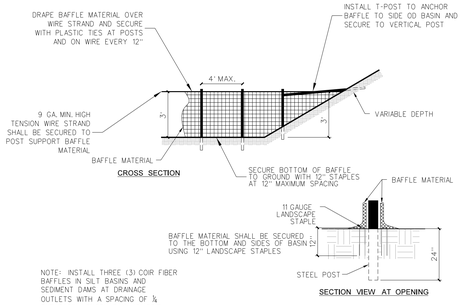
ISOMETRIC VIEW



END VIEW SIDE VIEW

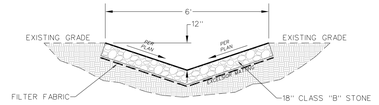
NOTE: ALL PIPE PVC SCHEDULE 40

303.3 SKIMMER DEWATERING DEVICE
SCALE: NONE

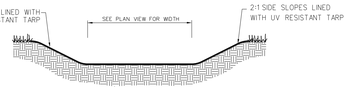


NOTE: INSTALL THREE (3) COIR FIBER BAFFLES IN SILT BASINS AND SEDIMENT DAMS AT DRAINAGE OUTLETS WITH A SPACING OF ¼ THE BASIN LENGTH. TWO (2) COIR FIBER BAFFLES CAN BE INSTALLED IN SILT BASINS AND DAMS LESS THAN 20 FT. IN LENGTH WITH A SPACING OF ⅓ THE BASIN LENGTH.

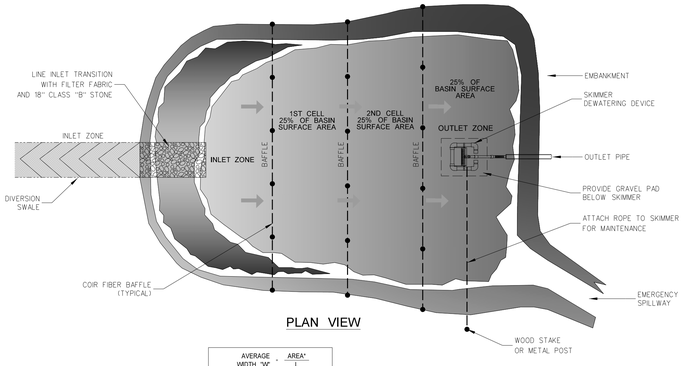
COIR FIBER BAFFLE



DIVERSION SWALE SECTION



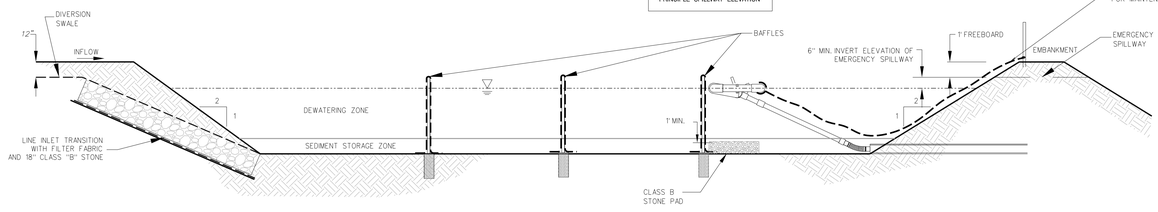
EMERGENCY SPILLWAY SECTION



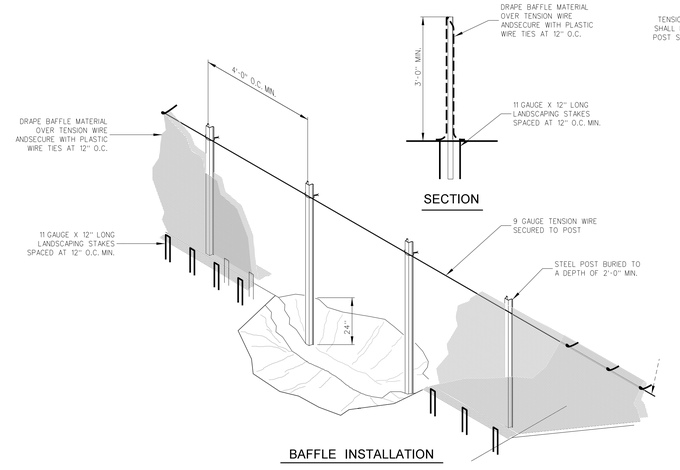
PLAN VIEW

AVERAGE WIDTH "W"	AREA* L

* AREA OF BASIN WATER SURFACE AT TOP OF PRINCIPLE SPILLWAY ELEVATION



303.1 SECTION @ TEMPORARY SEDIMENT BASIN
SCALE: NONE



SECTION

BAFFLE INSTALLATION

303.2 SEDIMENT BASIN BAFFLE INSTALLATION
SCALE: NONE

NOTES:

1. BAFFLE MATERIAL SHOULD BE SECURED AT THE BOTTOM AND SIDES USING STAPLES OR BY TRENCHING AS FOR SILT FENCE.
2. MOST OF THE SEDIMENT WILL ACCUMULATE IN THE 1ST BAY, WHICH SHOULD BE READILY ACCESSIBLE FOR MAINTENANCE.
3. PROVIDE 3 BAFFLES (USE TWO IF LESS THAN 20 FEET IN LENGTH). PROVIDE 5 BAFFLES FOR DRAINAGE AREAS GREATER THAN 10 ACRES.
4. BAFFLE SHALL BE 700 G/M2 COIR EROSION BLANKET.
5. TOPS OF BAFFLES SHOULD BE 2 INCHES LOWER THAN THE TOP OF THE BERMS
6. INSPECT BAFFLES FOR REPAIR ONCE A WEEK AND AFTER EACH RAINFALL

No.	Date	Revision

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 2306 — 4/18/2025

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. C 303

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TEMPORARY DIVERSION

CONSTRUCTION SPECIFICATIONS

1. REMOVE ALL TREES, BRUSH, STUMPS, AND OTHER OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA, AND DISPOSE OF PROPERLY.

2. EXCAVATE THE CHANNEL, AND SHAPE IT TO NEAT LINES AND DIMENSIONS SHOWN ON THE PLANS PLUS A 0.2-FOOT OVERCUT AROUND THE CHANNEL PERIMETER TO ALLOW FOR BULKING DURING SEEDBED PREPARATIONS AND SOD BUILDUP.

3. REMOVE AND PROPERLY DISPOSE OF ALL EXCESS SOIL SO THAT SURFACE WATER MAY ENTER THE CHANNEL FREELY.

4. THE PROCEDURE USED TO ESTABLISH GRASS IN THE CHANNEL WILL DEPEND UPON THE SEVERITY OF THE CONDITIONS AND SELECTION OF SPECIES. PROTECT THE CHANNEL WITH MULCH OR A TEMPORARY LINER SUFFICIENT TO WITHSTAND ANTICIPATED VELOCITIES DURING THE ESTABLISHMENT PERIOD.

MAINTENANCE

DURING THE ESTABLISHMENT PERIOD, CHECK GRASS-LINED CHANNELS AFTER EVERY RAINFALL. AFTER GRASS IS ESTABLISHED, PERIODICALLY CHECK THE CHANNEL; CHECK IT AFTER EVERY HEAVY RAINFALL EVENT. IMMEDIATELY MAKE REPAIRS. IT IS PARTICULARLY IMPORTANT TO CHECK THE CHANNEL OUTLET AND ALL ROAD CROSSINGS FOR BANK STABILITY AND EVIDENCE OF PIPE OR SCOUR HOLES. REMOVE ALL SIGNIFICANT SEDIMENT ACCUMULATIONS TO MAINTAIN THE DESIGNED CARRYING CAPACITY. KEEP THE GRASS IN A HEALTHY, VIGOROUS CONDITION AT ALL TIMES, SINCE IT IS THE PRIMARY EROSION PROTECTION FOR THE CHANNEL.

DIVERSION DIKE

CONSTRUCTION SPECIFICATIONS

1. REMOVE AND PROPERLY DISPOSE OF ALL TREES, BRUSH, STUMPS, AND OTHER OBJECTIONABLE MATERIAL. FILL AND COMPACT, TO NATURAL GROUND LEVEL OR ABOVE, ALL DITCHES AND GULLIES THAT WILL BE CROSSED BY MACHINERY.
2. DISK THE BASE OF THE DIKE BEFORE PLACING ?LL.
3. ENSURE THAT THE CONSTRUCTED CROSS SECTION MEETS ALL DESIGN REQUIREMENTS.
4. COMPACT THE DIKE BY TRACKING WITH CONSTRUCTION EQUIPMENT.
5. ENSURE THAT THE TOP OF THE DIKE IS NOT LOWER AT ANY POINT THAN THE DESIGN ELEVATION PLUS THE SPECI??ED SETTLEMENT AFTER IT HAS BEEN COMPACTED.
6. LEAVE SUF??CIENT AREA ALONG THE DIKE TO PERMIT MACHINE RE-GRADING AND CLEANOUT.
7. IMMEDIATELY SEED AND MULCH THE DIKE AFTER ITS CONSTRUCTION, AND STABILIZE THE ??OW PORTION IN ACCORDANCE WITH DESIGN REQUIREMENTS.

MAINTENANCE

1. INSPECT DIVERSION DIKES ONCE A WEEK AND AFTER EVERY RAINFALL. IMMEDIATELY REMOVE SEDIMENT FROM THE ??OW AREA AND REPAIR THE DIKE. CHECK OUTLETS, AND MAKE TIMELY REPAIRS AS NEEDED TO AVOID GULLY FORMATION. WHEN THE AREA ABOVE THE TEMPORARY DIVERSION DIKE IS PERMANENTLY STABILIZED, REMOVE THE DIKE, AND ??LL AND STABILIZE THE CHANNEL TO BLEND WITH THE NATURAL SURFACE.

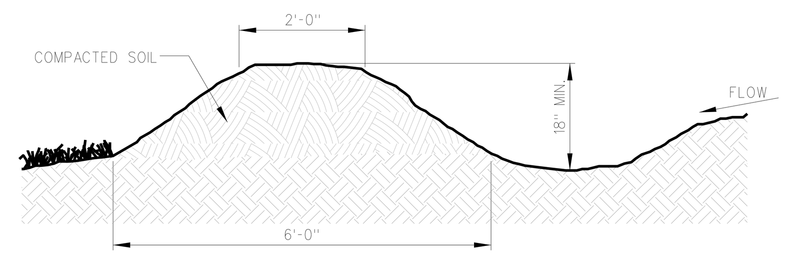
PERMANENT DIVERSIONS

CONSTRUCTION SPECIFICATIONS

1. REMOVE AND PROPERLY DISPOSE OF ALL TREES, BRUSH, STUMPS, OR OTHER OBJECTIONABLE MATERIAL. FILL AND COMPACT ALL DITCHES, SWALES, OR GULLIES THAT WILL BE CROSSED TO NATURAL GROUND LEVEL OR ABOVE.
2. JUST BEFORE PLACEMENT OF FILL, THE BASE OF THE RIDGE SHOULD BE DISKED BY MACHINERY
3. EXCAVATE, SHAPE, AND STABILIZE THE DIVERSION TO LINE, GRADE, AND CROSS SECTION, AS REQUIRED IN THE DESIGN PLAN.
4. COMPACT THE RIDGE TO PREVENT UNEQUAL SETTLEMENT, AND TO PROVIDE STABILITY AGAINST SEEPAGE.
5. VEGETATIVELY STABILIZE THE DIVERSION AFTER ITS INSTALLATION.

MAINTENANCE

1. INSPECT PERMANENT DIVERSIONS AFTER EVERY RAINFALL DURING THE CONSTRUCTION OPERATION. IMMEDIATELY REMOVE ANY OBSTRUCTIONS FROM THE ??OW AREA, AND REPAIR THE DIVERSION RIDGE. CHECK OUTLETS, AND MAKE TIMELY REPAIRS AS NEEDED. MAINTAIN THE VEGETATION IN A VIGOROUS, HEALTHY CONDITION AT ALL TIMES.



DRAINAGE AREA: 5 ACRES OR LESS.

CAPACITY: PEAK RUNOFF FROM 10-YEAR STORM.

VELOCITY: SEE TABLE 8.05A, PERMISSIBLE VELOCITIES FOR EROSION PROTECTION, APPENDIX 8.05.

RIDGE DESIGN* SIDE SLOPE: 2:1 OR FLATTER
3:1 OR FLATTER AT POINTS WHERE CROSS
TOP WIDTH: 2 FT MINIMUM
FREEBOARD: 0.3 FT MINIMUM
SETTLEMENT: 10% OF TOTAL FILL HEIGHT MINIMUM

CHANNEL DESIGN:
SHAPE: PARABOLIC, TRAPEZOIDAL, OR V-SHAPED
SIDE SLOPE: 2:1 OR FLATTER
3:1 OR FLATTER WHERE VEHICLES CROSS

CONSTRUCTION SPECIFICATION:

1. REMOVE AND PROPERLY DISPOSE OF ALL TREES, BRUSH, STUMPS, AND OTHER OBJECTIONABLE MATERIAL.
2. ENSURE THAT THE MINIMUM CONSTRUCTED CROSS SECTION MEETS ALL DESIGN REQUIREMENTS.
3. ENSURE THAT THE TOP OF THE DIKE IS NOT LOWER AT ANY POINT THAN THE DESIGN ELEVATION PLUS THE SPECIFIED SETTLEMENT.
4. PROVIDE SUFFICIENT ROOM AROUND DIVERSIONS TO PERMIT MACHINE REGRADING AND CLEANOUT.
5. VEGETATE THE RIDGE IMMEDIATELY AFTER CONSTRUCTION, UNLESS IT WILL REMAIN IN PLACE LESS THAN 30 WORKING DAYS.

MAINTENANCE:

INSPECT TEMPORARY DIVERSIONS ONCE A WEEK AND AFTER EVERY RAINFALL. IMMEDIATELY REMOVE SEDIMENT FROM THE FLOW AREA AND REPAIR THE DIVERSION RIDGE. CAREFULLY CHECK OUTLETS AND MAKE TIMELY REPAIRS AS NEEDED. WHEN THE AREA PROTECTED IS PERMANENTLY STABILIZED, REMOVE THE RIDGE AND THE CHANNEL TO BLEND WITH THE NATURAL GROUND LEVEL AND APPROPRIATELY STABILIZE IT.

304.4 TEMPORARY EARTHEN DIVERSION
SCALE: NONE

CONSTRUCTION SPECIFICATIONS:

1. CLEAR THE FOUNDATION AREA OF TREES, STUMPS, ROOTS, LOOSE ROCK, AND OTHER OBJECTIONABLE MATERIAL.
2. EXCAVATE THE CROSS SECTION TO THE LINES AND GRADES OF THE FOUNDATION OF THE LINER AS SHOWN ON THE PLANS. BRING OVER-EXCAVATED AREAS TO GRADE BY INCREASING THE THICKNESS OF THE LINER OR BY BACKFILLING WITH MOIST SOIL COMPACTED TO THE DENSITY OF THE SURROUNDING MATERIAL.
3. CONCRETE LININGS:

   * PLACE CONCRETE LININGS TO THE THICKNESS SHOWN ON THE PLANS AND FINISH THEM IN A WORKMANLIKE MANNER.

   * TAKE ADEQUATE PRECAUTIONS TO PROTECT FRESHLY PLACED CONCRETE FROM EXTREME TEMPERATURES TO ENSURE PROPER CURING.

   * ENSURE THAT SUBGRADE IS MOIST WHEN CONCRETE IS POURED.

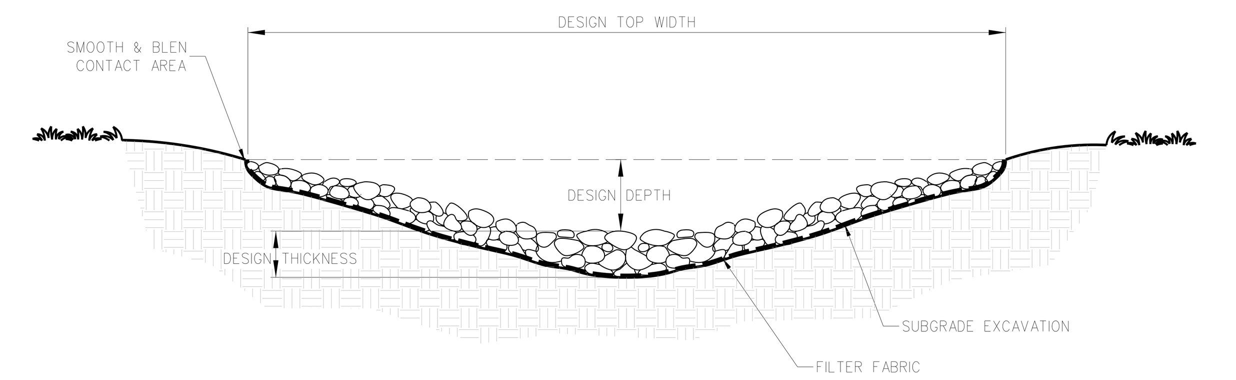
   * INSTALL FOUNDATION DRAINS OR WEEP HOLES WHERE NEEDED TO PROTECT AGAINST UPLIFT AND PIPING.

   * PROVIDE TRANSVERSE (CONTRACTION) JOINTS TO CONTROL CRACKING AT APPROXIMATELY 20-FEET INTERVALS. THESE JOINTS MAY BE FORMED BY USING A 1/2-INCH THICK REMOVABLE TEMPLATE OR BY SAWING TO A DEPTH OF AT LEAST 1 INCH.

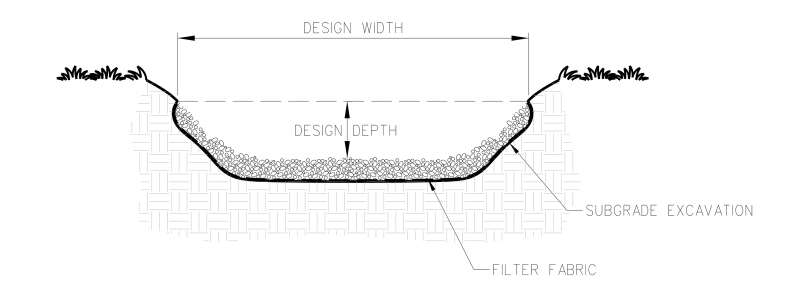
   * INSTALL EXPANSION JOINTS AT INTERVALS NOT TO EXCEED 100 FEET.
4. ROCK RIPRAP LININGS: (PRACTICE 6.15, RIPRAP - NCDEQ PRACTICE STANDARDS AND SPECIFICATIONS)
5. PLACE FILTERS, BEDDINGS, AND FOUNDATION DRAINS TO LINE AND GRADE IN THE MANNER SPECIFIED. PLACE FILTER AND BEDDING MATERIALS IMMEDIATELY AFTER SLOPE PREPARATION. FOR SYNTHETIC FILTER FABRICS, OVERLAP THE DOWNSTREAM EDGE BY AT LEAST 12 INCHES WITH THE UPSTREAM EDGE WHICH IS BURIED A MINIMUM 12 INCHES IN A TRENCH. SEE FIGURE 6.14A, PAGE 6.14.6. SPACE ANCHOR PINS EVERY 3 FEET ALONG THE OVERLAP. SPREAD GRANULAR MATERIALS IN A UNIFORM LAYER. WHEN MORE THAN ONE GRADATION IS REQUIRED, SPREAD THE LAYERS SO THERE IS MINIMAL MIXING. FILTER MATERIAL SHOULD CONSIST OF AT LEAST 3 INCHES OF MATERIAL ON ALL SIDES OF THE DRAIN PIPE. THE DRAIN PIPE CONDUIT SHOULD BE A MINIMUM OF 4 INCHES IN DIAMETER. ACCEPTABLE MATERIALS INCLUDE PERFORATED, CONTINUOUS, CLOSED-JOINT CONDUITS OF CLAY, CONCRETE, METAL, PLASTIC, OR OTHER SUITABLE MATERIAL (PRACTICE 6.81, SUBSURFACE DRAIN).
6. PERFORM ALL CHANNEL CONSTRUCTION TO KEEP EROSION AND WATER POLLUTION TO A MINIMUM. IMMEDIATELY UPON COMPLETION OF THE CHANNEL, VEGETATE ALL DISTURBED AREAS OR OTHERWISE PROTECT THEM AGAINST SOIL EROSION. WHERE CHANNEL CONSTRUCTION WILL TAKE LONGER THAN 30 DAYS, STABILIZE CHANNELS BY REACHES.

MAINTENANCE:

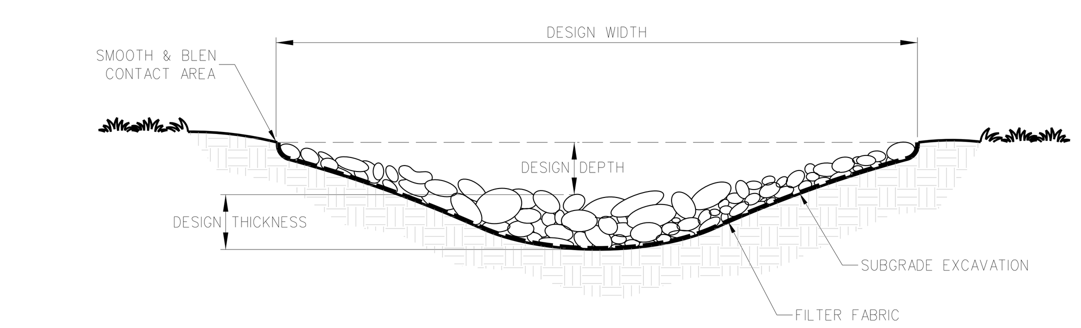
INSPECT CHANNELS AT REGULAR INTERVALS AS WELL AS AFTER MAJOR RAINS, AND MAKE REPAIRS PROMPTLY. GIVE SPECIAL ATTENTION TO THE OUTLET AND INLET SECTIONS AND OTHER POINTS WHERE CONCENTRATED FLOW ENTERS. CAREFULLY CHECK STABILITY AT ROAD CROSSINGS, AND LOOK FOR INDICATIONS OF PIPING, SCOUR HOLES, OR BANK FAILURES. MAKE REPAIRS IMMEDIATELY. MAINTAIN ALL VEGETATION ADJACENT TO THE CHANNEL IN A HEALTHY, VIGOROUS CONDITION TO PROTECT THE AREA FROM EROSION AND SCOUR DURING OUT-OF-BANK FLOW



V-SHAPED RIPRAP CHANNEL

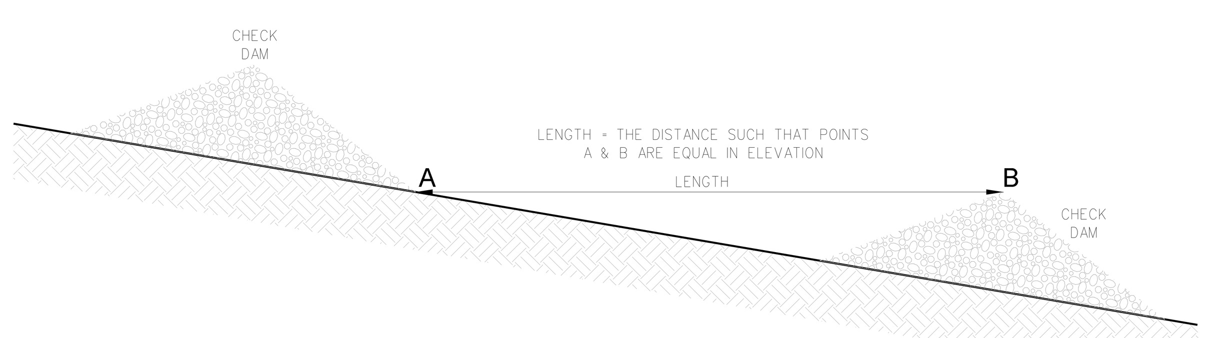


TRAPEZOIDAL RIPRAP CHANNEL

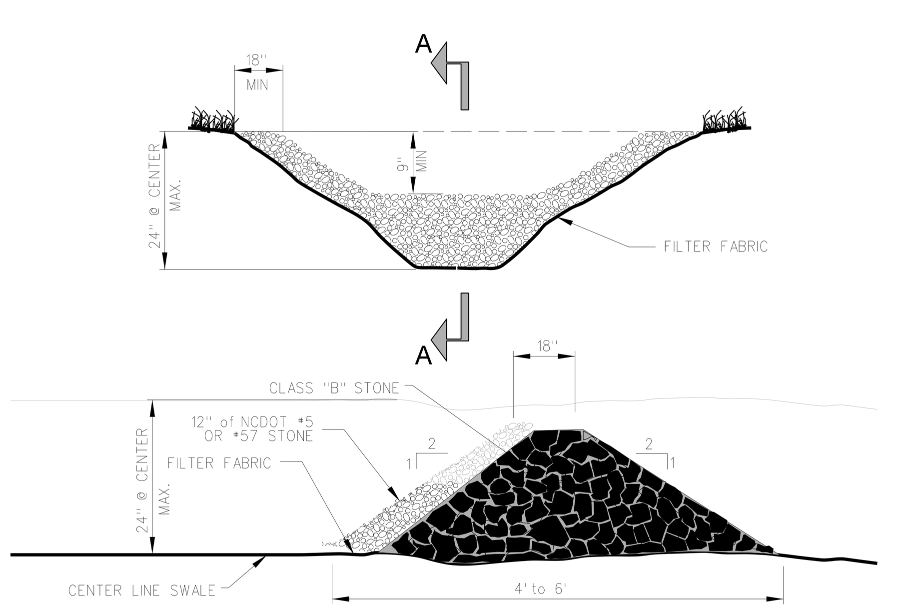


PARABOLIC-SHAPED RIPRAP CHANNEL

304.3 RIPRAP CHANNEL DETAIL
SCALE: NONE



ROCK CHECK DAM SPACING



Section A-A

ROCK CHECK DAM

CONSTRUCTION SPECIFICATIONS

1. PLACE STONE TO THE LINES AND DIMENSIONS SHOWN IN THE PLAN ON A FILTER FABRIC FOUNDATION.
2. KEEP THE CENTER STONE SECTION AT LEAST 9 INCHES BELOW NATURAL GROUND LEVEL WHERE THE DAM ABUTS THE CHANNEL BANKS.
3. EXTEND STONE AT LEAST 1.5 FEET BEYOND THE DITCH BANK TO KEEP WATER FROM CUTTING AROUND THE ENDS OF THE CHECK DAM.
4. SET SPACING BETWEEN DAMS TO ASSURE THAT THE ELEVATION AT THE TOP OF THE LOWER DAM IS THE SAME AS THE TOE ELEVATION OF THE UPPER DAM.
5. PROTECT THE CHANNEL AFTER THE LOWEST CHECK DAM FROM HEAVY FLOW THAT COULD CAUSE EROSION.
6. MAKE SURE THAT THE CHANNEL REACH ABOVE THE MOST UPSTREAM DAM IS STABLE.
7. ENSURE THAT OTHER AREAS OF THE CHANNEL, SUCH AS CULVERT ENTRANCES BELOW THE CHECK DAMS, ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

MAINTENANCE

INSPECT CHECK DAMS AND CHANNELS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY. CLEAN OUT SEDIMENT, STRAW, LIMBS, OR OTHER DEBRIS THAT COULD CLOG THE CHANNEL WHEN NEEDED.

ANTICIPATE SUBMERGENCE AND DEPOSITION ABOVE THE CHECK DAM AND EROSION FROM HIGH FLOWS AROUND THE EDGES OF THE DAM. CORRECT ALL DAMAGE IMMEDIATELY IF SIGNIFICANT EROSION OCCURS BETWEEN DAMS, ADDITIONAL MEASURES CAN BE TAKEN SUCH AS, INSTALLING A PROTECTIVE RIPRAP LINER IN THAT PORTION OF THE CHANNEL

REMOVE SEDIMENT ACCUMULATED BEHIND THE DAMS AS NEEDED TO PREVENT DAMAGE TO CHANNEL VEGETATION, ALLOW THE CHANNEL TO DRAIN THROUGH THE STONE CHECK DAM, AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVER THE DAM. ADD STONES TO DAMS AS NEEDED TO MAINTAIN DESIGN HEIGHT AND CROSS SECTION.

304.2 REOCK CHECK DAM DETAIL
SCALE: NONE

NET LINER (6.17Dd)

CONSTRUCTION

EVEN IF PROPERLY DESIGNED, IF NOT PROPERLY INSTALLED, RECP'S WILL PROBABLY NOT FUNCTION AS DESIRED. PROPER INSTALLATION IS IMPERATIVE. EVEN IF PROPERLY INSTALLED, IF NOT PROPERLY TIMED AND NOURISHED, VEGETATION WILL PROBABLY NOT GROW AS DESIRED. PROPER SEED/VEGETATION SELECTION IS ALSO IMPERATIVE.

GRADE THE SURFACE OF INSTALLATION AREAS SO THAT THE GROUND IS SMOOTH AND LOOSE. WHEN SEEDING PRIOR TO INSTALLATION, FOLLOW THE STEPS FOR SEED BED PREPARATION, SOIL AMENDMENTS, AND SEEDING IN SURFACE STABILIZATION, 6. L. ALL GULLIES, RILLS, AND ANY OTHER DISTURBED AREAS MUST BE FINE GRADED PRIOR TO INSTALLATION. SPREAD SEED BEFORE RECP INSTALLATION. (IMPORTANT: REMOVE ALL LARGE ROCKS, DIRT CLODS, STUMPS, ROOTS, GRASS CLUMPS, TRASH, AND OTHER OBSTRUCTIONS FROM THE SOIL SURFACE TO ALLOW FOR DIRECT CONTACT BETWEEN THE SOIL SURFACE AND THE RECP.)

TERMINAL ANCHOR TRENCHES ARE REQUIRED AT RECP ENDS AND INTERMITTENT TRENCHES MUST BE CONSTRUCTED ACROSS CHANNELS AT 25-FOOT INTERVALS. TERMINAL ANCHOR TRENCHES SHOULD BE A MINIMUM OF 12 INCHES IN DEPTH AND 6 INCHES IN WIDTH, WHILE INTERMITTENT TRENCHES NEED BE ONLY 6 INCHES DEEP AND 6 INCHES WIDE.

INSTALLATION FOR SLOPES- PLACE THE RECP 2-3 FEET OVER THE TOP OF THE SLOPE AND INTO AN EXCAVATED END TRENCH MEASURING APPROXIMATELY 12 INCHES DEEP BY 6 INCHES WIDE. PIN THE RECP AT 1-FOOT INTERVALS ALONG THE BOTTOM OF THE TRENCH, BACKFILL, AND COMPACT. UNROLL THE RECP DOWN (OR ALONG) THE SLOPE MAINTAINING DIRECT CONTACT BETWEEN THE SOIL AND THE RECP. OVERLAP ADJACENT ROLLS A MINIMUM OF 3 INCHES. PIN THE RECP TO THE GROUND USING STAPLES OR PINS IN A 3-FOOT CENTER-TO-CENTER PATTERN. LESS FREQUENT STAPLING/PINNING IS ACCEPTABLE ON MODERATE SLOPES.

INSTALLATION IN CHANNELS- EXCAVATE TERMINAL TRENCHES (12 INCHES DEEP AND 6 INCHES WIDE) ACROSS THE CHANNEL AT THE UPPER AND LOWER END OF THE LINED CHANNEL SECTIONS. AT 25-FOOT INTERVALS ALONG THE CHANNEL, ANCHOR THE RECP ACROSS THE CHANNEL EITHER IN 6-INCH BY 6-INCH TRENCHES OR BY INSTALLING TWO CLOSELY SPACED ROWS OF ANCHORS. EXCAVATE LONGITUDINAL TRENCHES 6 INCHES DEEP AND WIDE ALONG CHANNEL EDGES (ABOVE WATER LINE) IN WHICH TO BURY THE OUTSIDE RECP EDGES. PLACE THE FIRST RECP AT THE DOWNSTREAM END OF THE CHANNEL. PLACE THE END OF THE FIRST RECP IN THE TERMINAL TRENCH AND PIN IT AT 1-FOOT INTERVALS ALONG THE BOTTOM OF THE TRENCH.

NOTE: THE RECP SHOULD BE PLACED UPSIDE DOWN IN THE TRENCH WITH THE ROLL ON THE DOWNSTREAM SIDE OF THE BENCH.

ONCE PINNED AND BACKFILLED, THE RECP IS DEPLOYED BY WRAPPING OVER THE TOP OF THE TRENCH AND UNROLLING UPSTREAM. IF THE CHANNEL IS WIDER THAN THE PROVIDED ROLLS, PLACE THE ENDS OF ADJACENT ROLLS IN THE TERMINAL TRENCH, OVERLAPPING THE ADJACENT ROLLS A MINIMUM OF 3 INCHES. PIN AT 1-FOOT INTERVALS, BACKFILL, AND COMPACT. UNROLL THE RECP IN THE UPSTREAM DIRECTION UNTIL REACHING THE FIRST INTERMITTENT TRENCH. FOLD THE RECP BACK OVER ITSELF, POSITIONING THE ROLL ON THE DOWNSTREAM SIDE OF THE TRENCH, AND ALLOWING THE MAT TO CONFORM TO THE TRENCH.

THEN PIN THE RECP (TWO LAYERS) TO THE BOTTOM OF THE TRENCH, BACKFILL, AND COMPACT. CONTINUE UP THE CHANNEL (WRAPPING OVER THE TOP OF THE INTERMITTENT TRENCH) REPEATING THIS STEP AT OTHER INTERMITTENT TRENCHES, UNTIL REACHING THE UPPER TERMINAL TRENCH.

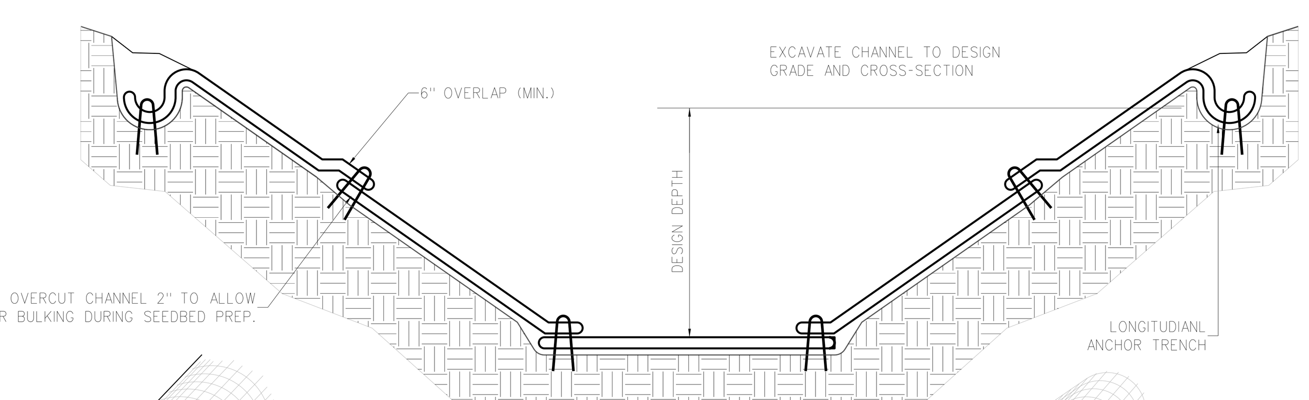
AT THE UPPER TERMINAL TRENCH, ALLOW THE RECP TO CONFORM TO THE TRENCH, SECURE WITH PINS OR STAPLES, BACKFILL, COMPACT AND THEN BRING THE MAT BACK OVER THE TOP OF THE TRENCH AND ONTO THE EXISTING MAT (2 TO 3 FEET OVERLAP IN THE DOWNSTREAM DIRECTION), AND PIN AT 1-FOOT INTERVALS ACROSS THE RECP. WHEN STARTING INSTALLATION OF A NEW ROLL, BEGIN IN A TRENCH OR SHINGLE-LAP ENDS OF ROLLS A MINIMUM OF 1 FOOT WITH UPSTREAM RECP ON TOP TO PREVENT UPLIFTING. PLACE THE OUTSIDE EDGES OF THE RECP(S) IN LONGITUDINAL TRENCHES, PIN, BACKFILL, AND COMPACT.

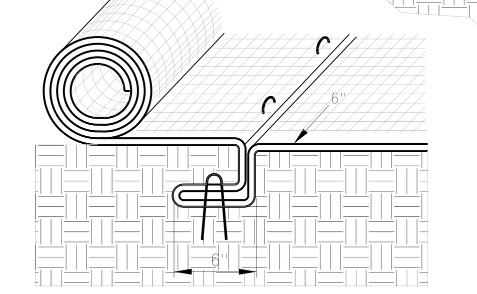
ANCHORING DEVICES-11 GAUGE, AT LEAST 6 INCHES LENGTH BY 1 INCH WIDTH STAPLES OR 12-INCH MINIMUM LENGTH WOODEN STAKES ARE RECOMMENDED FOR ANCHORING THE RECP TO THE GROUND.

DRIVE STAPLES OR PINS SO THAT THE TOP OF THE STAPLE OR PIN IS FLUSH WITH THE GROUND SURFACE. ANCHOR EACH RECP EVERY 3 FEET ALONG ITS CENTER. LONGITUDINAL OVERLAPS MUST BE SUFFICIENT TO ACCOMMODATE A ROW OF ANCHORS AND UNIFORM ALONG THE ENTIRE LENGTH OF OVERLAP AND ANCHORED EVERY 3 FEET ALONG THE OVERLAP LENGTH. ROLL ENDS MAY BE SPLICED BY OVERLAPPING 1 FOOT (IN THE DIRECTION OF WATER FLOW), WITH THE UPSTREAM/UPSLOPE MAT PLACED ON TOP OF THE DOWNSTREAM/ DOWNSLOPE RECP. THIS OVERLAP SHOULD BE ANCHORED AT 1 FOOT SPACING ACROSS THE RECP. WHEN INSTALLING MULTIPLE WIDTH MATS HEAT SEAMED IN THE FACTORY, ALL FACTORY SEAMS AND FIELD OVERLAPS SHOULD BE SIMILARLY ANCHORED.

MAINTENANCE

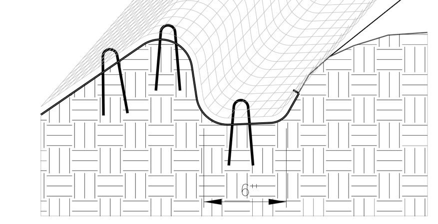
1. INSPECT ROLLED EROSION CONTROL PRODUCTS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAIN FALL EVENT REPAIR IMMEDIATELY.
2. GOOD CONTACT WITH THE GROUND MUST BE MAINTAINED, AND EROSION MUST NOT OCCUR BENEATH THE RECP.
3. ANY AREAS OF THE RECP THAT ARE DAMAGED OR NOT IN CLOSE CONTACT WITH THE GROUND SHALL BE REPAIRED AND STAPLED.
4. IF EROSION OCCURS DUE TO POORLY CONTROLLED DRAINAGE, THE PROBLEM SHALL BE FIXED, AND THE ERODED AREA PROTECTED.
5. MONITOR AND REPAIR THE RECP AS NECESSARY UNTIL GROUND COVER IS ESTABLISHED.



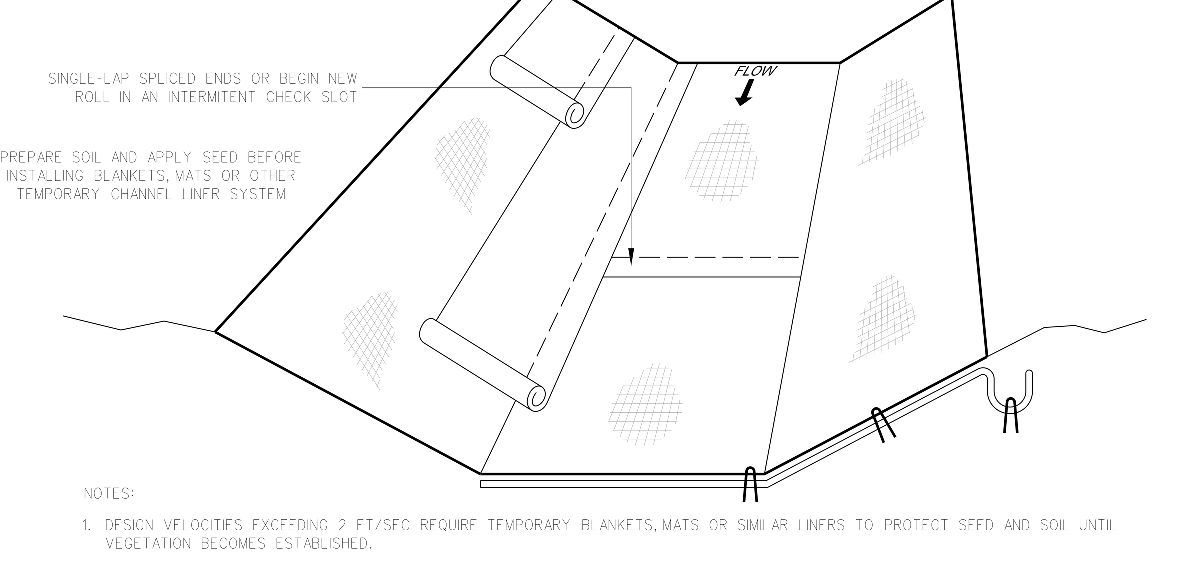


INTERMITTENT CHECK SLOT

TYPICAL INSTALLATION WITH EROSION CONTROL BLANKETS OR TURF REINFORCEMENT MATS



LONGITUDINAL ANCHOR TRENCH



NOTES:

1. DESIGN VELOCITIES EXCEEDING 2 FT/SEC REQUIRE TEMPORARY BLANKETS, MATS OR SIMILAR LINERS TO PROTECT SEED AND SOIL UNTIL VEGETATION BECOMES ESTABLISHED.
2. GRASS-LINED CHANNELS WITH DESIGN VELOCITIES EXCEEDING 6 FT/SEC SHOULD INCLUDE TURF REINFORCEMENT MATS

304.1 TEMPORARY NET LINER DETAIL
SCALE: NONE

No.	Date	Revision

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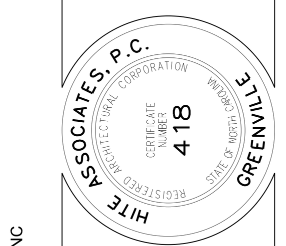

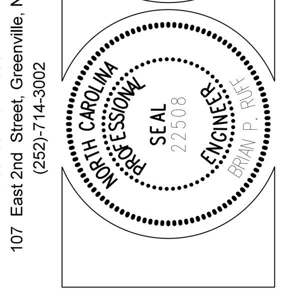

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. C 304

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STORMWATER WETLAND PLANTING SPECIFICATION

1. All herbaceous plants within the wetland proper (shallow water and shallow land zones) shall be installed between March 15 and July 31.
2. Unless otherwise designated, plants should be installed as large drifts (i.e., masses of a single species) within their respective planting areas.
3. Install a slow release fertilizer tablet next to each plant within the wetland proper. For herbaceous species use Ag Safe Aquatic-Tabs 20-10-5, 90 day continuous feeding, 5 grams, or equivalent. For trees and shrubs use Agrifrom 20-10-5 Plus Minors Planting Tablets, 2 year slow release or equivalent.
4. All plants shall be directly descended from individuals growing wild within 200 miles of the project site. If suitable stock cannot be obtained, plants of other genetic provenances may be utilized with the approval of the Owner or Owner's Representative.
5. Plant material should conform to American Standard Nursery Stock, published by the American Association of Nurserymen.
6. All plant material to be container grown plants of at least 4.5 cubic inches capacity.
7. Recommended plants for permanent shallow water (0" to 6" deep). 20% of total number of plants should be of each species and planted in a natural flowing arrangement.

a.Acorus calamus (Sweet Flag)
b.Cladium jamaicense (Sawgrass)
c.Peltandra virginica (Arrow Arum)
d.Sagittaria latifolia (Duck Potato)
e.Schoenoplectus tabernaemontani (Softstem Bulrush)

POND SURFACE AREA 17,572 S.F.

AQUATIC SHELF SURFACE AREA (S.F) 2,530 S.F.

TOTAL NUMBER OF PLANTS SPACED AT 24" O.C. = 533 PLANTS

ADD (1) ONE TREE FOR EVERY 30000 SQUARE FEET OF HIGH MARSH SURFACE AREA. FINAL TREE PLACEMENT SHOWN ON PLANS. CARPINUS CAROLINIANA (MUSCELEWOOD), BETULA NIGRA (RIVER BIRCH), NYSSQA BIFLORA (SWAMP BALCKGUM) ARE THE SUITABLE TREES TO USE.
Total trees =

CONSTRUCTED WETLAND CONSTRUCTION SCHEDULE:

1. Clear and grub wetland area.
2. Excavate constructed wetlands area to rough elevation stockpile soil in proposed berm area.
3. Install erosion control measures to stabilize pond area.
4. Install outlet structure.
5. When site has been stabilized with temporary seeding, cabc and curb and gutter, clean sediment out of wetlands basin and prepare basin for planting. call pitt county public utility department stormwater department.
6. Install wetlands vegetation per specifications wetlands.
7. Permanent seed banks and slopes of berm and area.

MAINTENANCE PLAN

FREQUENCY - INSPECTION ACTIVITIES

AFTER CONSTRUCTION
- INSPECT AFTER SEVERAL STORM EVENTS FOR BANK STABILITY, VEGETATION GROWTH, DRAINAGE SYSTEM FUNCTIONING, AND STRUCTURAL DAMAGE.

SEMI-ANNUAL INSPECTION
- INSPECT FOR INVASIVE VEGETATION, DIFFERENTIAL SETTLEMENT, CRACKING; EROSION, LEAKAGE, OR TREE GROWTH ON THE EMBANKMENT; THE CONDITION OF THE RIPRAP IN THE INLET, OUTLET, AND PILOT CHANNELS; SEDIMENT ACCUMULATION IN THE BASIN; CLOGGING OF OUTLET; AND THE VIGOR AND DENSITY OF THE VEGETATION ON THE BASIN SIDE SLOPES AND FLOOR. CORRECT OBSERVED PROBLEMS AS NECESSARY.
- INSPECT FOR DAMAGE TO THE EMBANKMENT AND INLET/OUTLET STRUCTURES. REPAIR AS NECESSARY.
-NOTE SIGNS OF HYDROCARBON BUILDUP SUCH AS FLOATING OIL ON WATER SURFACE.
-MONITOR FOR SEDIMENT ACCUMULATION IN THE FACILITY AND FOREBAY.
-EXAMINE INLET AND OUTLET DEVICES TO ENSURE THEY ARE FREE OF DEBRIS AND ARE OPERATIONAL.

FREQUENCY - MAINTENANCE ACTIVITIES
ONE-TIME

-REPLACE WETLAND VEGETATION TO MAINTAIN AT LEAST 50% OF SURFACE AREA COVERAGE IN WETLAND PLANTS AFTER THE SECOND GROWING SEASON.

AS NEEDED MAINTENANCE

-REPAIR UNDERCUT AREAS, EROSION TO BANKS, AND BOTTOM AS REQUIRED. WHERE PERMITTED BY THE DEPARTMENT OF FISH AND GAME OR OTHER AGENCY REGULATIONS, STOCK CONSTRUCTED WETLANDS REGULARLY WITH MOSQUITO FISH (GAMBUSIA SPP.) TO ENHANCE NATURAL MOSQUITO AND MIDGE CONTROL.

FREQUENT (3 TO 4 TIMES PER YEAR)
-CLEAN AND REMOVE DEBRIS FROM INLET AND OUTLET STRUCTURES.
-MOW SIDE SLOPES AND REMOVE GRASS CLIPPINGS. REMOVE LITTER AND DEBRIS FROM BANKS, BASIN BOTTOM, TRASH RACKS, OUTLET STRUCTURES, AND VALVES AS REQUIRED.

ANNUAL MAINTENANCE (IF NEEDED)
-SUPPLEMENT WETLAND PLANTS IF A SIGNIFICANT PORTION HAVE NOT ESTABLISHED (AT LEAST 50 % OF THE SURFACE AREA).
-REMOVE NUISANCE PLANT SPECIES.
-CLEAN FOREBAY TO AVOID ACCUMULATION IN MAIN WETLAND AREA TO MINIMIZE WHEN THE MAIN WETLAND AREA NEEDS TO BE CLEANED.
-HARVEST PLANT SPECIES IF VEGETATION BECOMES TOO THICK CAUSING FLOW BACKUP AND FLOODING. MORE FREQUENT PLANT HARVESTING MAY BE REQUIRED BY LOCAL VECTOR CONTROL AGENCIES.
-MONITOR SEDIMENT ACCUMULATIONS, AND REMOVE SEDIMENT WHEN THE ACCUMULATED SEDIMENT VOLUME EXCEEDS 10-20 % OF THE BASIN VOLUME, PLANTS ARE "CHOKED" WITH SEDIMENT, OR THE WETLAND BECOMES EUTROPHIC. IT IS SUGGESTED THAT THE MAIN AREA BE CLEANED ONE HALF AT A TIME WITH AT LEAST ONE GROWING SEASON IN BETWEEN CLEANINGS. THIS WILL HELP TO PRESERVE THE VEGETATION AND ENABLE THE WETLAND TO RECOVER MORE QUICKLY FROM THE CLEANING.
-FERTILIZE NEW VEGETATION ONE TIME ONLY. THE OWNER SHALL NOT FERTILIZE VEGETATION AFTER THE INITIAL OCCURRENCE.

SEEDING AND MULCHING SCHEDULE PER ACRE
THE KINDS OF SEED AND FERTILIZER, AND THE RATES OF APPLICATION OF SEED, FERTILIZER, AND LIMESTONE, SHALL BE AS STATED BELOW. DURING PERIODS OF OVERLAPPING DATES, THE KIND OF SEED TO BE USED SHALL BE DETERMINED BY THE ENGINEER.

LIME	2 Tons per Acre
10-10-20	1,000 LB per Acre
0-20-0	500 Lb per Acre
STRAW MULCH	2 TONS/AC (AFTER SEEDING)
ASPHALT TACK	200 GAL/TON OF MULCH

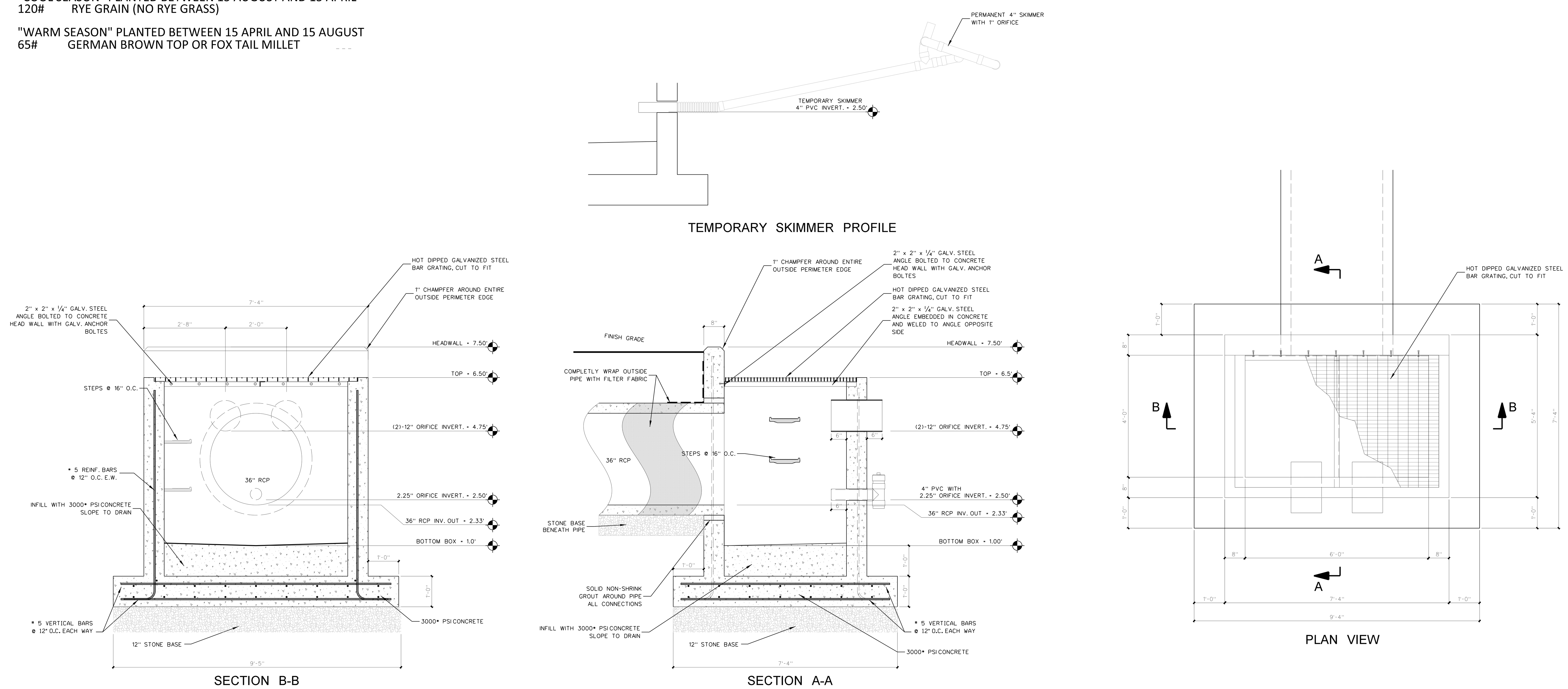
JANUARY 1-DECEMBER 31
50# Tall Fescue
5# Centipede
50# Pensacola Bahiagrass
500# Fertilizer
4000#Limestone

SLOPES 2:1 AND STEEPER AND WASTE AND BORROW LOCATIONS:
JANUARY 1-DECEMBER 31
75# Tall Fescue
50# Centipede
500# Fertilizer
4000#Limestone

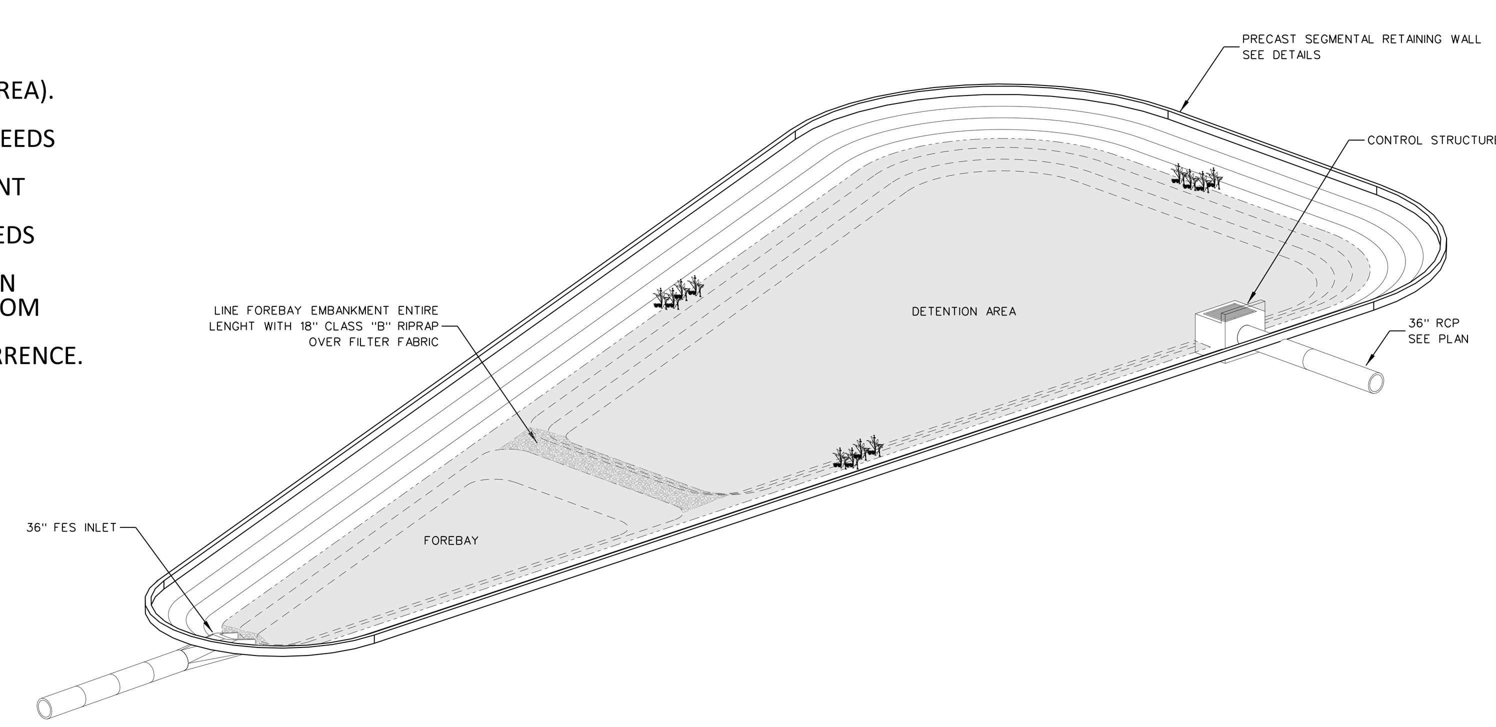
TEMPORARY SEEDING

"COOL SEASON" PLANTED BETWEEN 15 AUGUST AND 15 APRIL
120# RYE GRAIN (NO RYE GRASS)

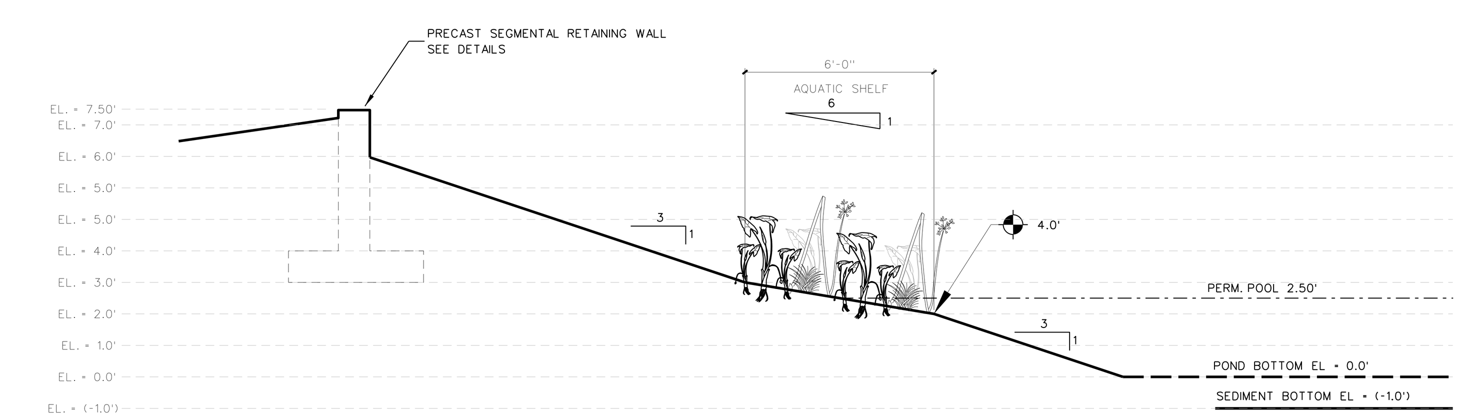
"WARM SEASON" PLANTED BETWEEN 15 APRIL AND 15 AUGUST
65# GERMAN BROWN TOP OR FOX TAIL MILLET



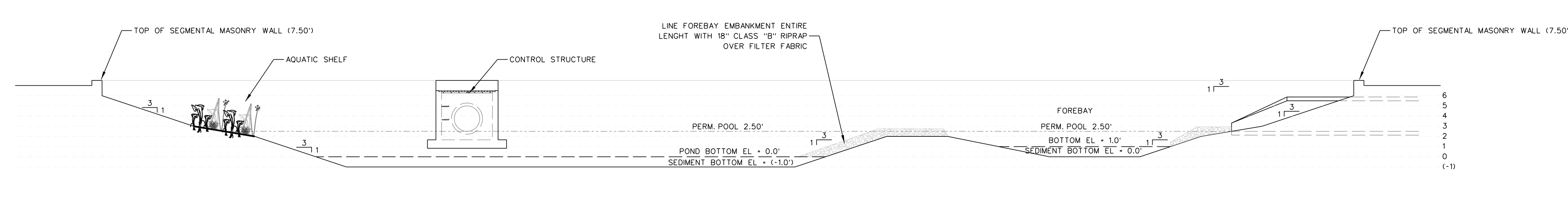
305.4 WET DETENTION CONTROL STRUCTURE
SCALE: 1/2" = 1'-0"



305.3 WET DETENTION - ISOMETRIC
SCALE: NONE



305.2 SECTION - AQUATIC SHELF
SCALE: NONE



305.1 SOUTH STORMWATER DETENTION - 1 SECTION
SCALE: NONE

No. | Date | Revision

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BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. C 305

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STORMWATER WETLAND PLANTING SPECIFICATION

1. All herbaceous plants within the wetland proper (shallow water and shallow land zones) shall be installed between March 15 and July 31.
2. Unless otherwise designated, plants should be installed as large drifts (i.e., masses of a single species) within their respective planting areas.
3. Install a slow release fertilizer tablet next to each plant within the wetland proper. For herbaceous species use Ag Safe Aquatic-Tabs 20-10-5, 90 day continuous feeding, 5 grams, or equivalent. For trees and shrubs use Agrifrom 20-10-5 Plus Minors Planting Tablets, 2 year slow release or equivalent.
4. All plants shall be directly descended from individuals growing wild within 200 miles of the project site. If suitable stock cannot be obtained, plants of other genetic provenances may be utilized with the approval of the Owner or Owner's Representative.
5. Plant material should conform to American Standard Nursery Stock, published by the American Association of Nurserymen.
6. All plant material to be container grown plants of at least 4.5 cubic inches capacity.
7. Recommended plants for permanent shallow water (0" to 6" deep). 20% of total number of plants should be of each species and planted in a natural flowing arrangement.

   a.Acorus calamus (Sweet Flag)
   b.Cladium jamaicense (Sawgrass)
   c.Peltandra virginica (Arrow Arum)
   d.Sagittaria latifolia (Duck Potato)
   e.Schoenoplectus tabernaemontani (Softstem Bulrush)

POND SURFACE AREA 6,262 S.F.

AQUATIC SHELF SURFACE AREA (S.F) 1,850 S.F.

TOTAL NUMBER OF PLANTS SPACED AT 24" O.C. = 460 PLANTS

ADD (1) ONE TREE FOR EVERY 30000 SQUARE FEET OF HIGH MARSH SURFACE AREA. FINAL TREE PLACEMENT SHOWN ON PLANS. CARPINUS CAROLINIANA (MUSCELEWOOD), BETULA NIGRA (RIVER BIRCH), NYSSQA BIFLORA (SWAMP BALCKGUM) ARE THE SUITABLE TREES TO USE.
Total trees =

CONSTRUCTED WETLAND CONSTRUCTION SCHEDULE:

1. Clear and grub wetland area.
2. Excavate constructed wetlands area to rough elevation stockpile soil in proposed berm area.
3. Install erosion control measures to stabilize pond area.
4. Install outlet structure.
5. When site has been stabilized with temporary seeding, cabc and curb and gutter, clean sediment out of wetlands basin and prepare basin for planting. call pitt county public utility department stormwater department.
6. Install wetlands vegetation per specifications wetlands.
7. Permanent seed banks and slopes of berm and area.

MAINTENANCE PLAN

FREQUENCY - INSPECTION ACTIVITIES.

AFTER CONSTRUCTION
- INSPECT AFTER SEVERAL STORM EVENTS FOR BANK STABILITY, VEGETATION GROWTH, DRAINAGE SYSTEM FUNCTIONING, AND STRUCTURAL DAMAGE.

SEMI-ANNUAL INSPECTION
- INSPECT FOR INVASIVE VEGETATION, DIFFERENTIAL SETTLEMENT, CRACKING; EROSION, LEAKAGE, OR TREE GROWTH ON THE EMBANKMENT; THE CONDITION OF THE RIPRAP IN THE INLET, OUTLET, AND PILOT CHANNELS; SEDIMENT ACCUMULATION IN THE BASIN; CLOGGING OF OUTLET; AND THE VIGOR AND DENSITY OF THE VEGETATION ON THE BASIN SIDE SLOPES AND FLOOR. CORRECT OBSERVED PROBLEMS AS NECESSARY.
- INSPECT FOR DAMAGE TO THE EMBANKMENT AND INLET/OUTLET STRUCTURES. REPAIR AS NECESSARY.
-NOTE SIGNS OF HYDROCARBON BUILDUP SUCH AS FLOATING OIL ON WATER SURFACE.
-MONITOR FOR SEDIMENT ACCUMULATION IN THE FACILITY AND FOREBAY.
-EXAMINE INLET AND OUTLET DEVICES TO ENSURE THEY ARE FREE OF DEBRIS AND ARE OPERATIONAL.

FREQUENCY - MAINTENANCE ACTIVITIES
ONE-TIME

-REPLACE WETLAND VEGETATION TO MAINTAIN AT LEAST 50% OF SURFACE AREA COVERAGE IN WETLAND PLANTS AFTER THE SECOND GROWING SEASON.

AS NEEDED MAINTENANCE

-REPAIR UNDERCUT AREAS, EROSION TO BANKS, AND BOTTOM AS REQUIRED. WHERE PERMITTED BY THE DEPARTMENT OF FISH AND GAME OR OTHER AGENCY REGULATIONS, STOCK CONSTRUCTED WETLANDS REGULARLY WITH MOSQUITO FISH (GAMBUSIA SPP.) TO ENHANCE NATURAL MOSQUITO AND MIDGE CONTROL.

FREQUENT (3 TO 4 TIMES PER YEAR)
-CLEAN AND REMOVE DEBRIS FROM INLET AND OUTLET STRUCTURES.
-MOW SIDE SLOPES AND REMOVE GRASS CLIPPINGS. REMOVE LITTER AND DEBRIS FROM BANKS, BASIN BOTTOM, TRASH RACKS, OUTLET STRUCTURES, AND VALVES AS REQUIRED.

ANNUAL MAINTENANCE (IF NEEDED)
-SUPPLEMENT WETLAND PLANTS IF A SIGNIFICANT PORTION HAVE NOT ESTABLISHED (AT LEAST 50 % OF THE SURFACE AREA).
-REMOVE NUISANCE PLANT SPECIES.
-CLEAN FOREBAY TO AVOID ACCUMULATION IN MAIN WETLAND AREA TO MINIMIZE WHEN THE MAIN WETLAND AREA NEEDS TO BE CLEANED.
-HARVEST PLANT SPECIES IF VEGETATION BECOMES TOO THICK CAUSING FLOW BACKUP AND FLOODING. MORE FREQUENT PLANT HARVESTING MAY BE REQUIRED BY LOCAL VECTOR CONTROL AGENCIES.
-MONITOR SEDIMENT ACCUMULATIONS, AND REMOVE SEDIMENT WHEN THE ACCUMULATED SEDIMENT VOLUME EXCEEDS 10-20 % OF THE BASIN VOLUME, PLANTS ARE "CHOKED" WITH SEDIMENT, OR THE WETLAND BECOMES EUTROPHIC. IT IS SUGGESTED THAT THE MAIN AREA BE CLEANED ONE HALF AT A TIME WITH AT LEAST ONE GROWING SEASON IN BETWEEN CLEANINGS. THIS WILL HELP TO PRESERVE THE VEGETATION AND ENABLE THE WETLAND TO RECOVER MORE QUICKLY FROM THE CLEANING.
-FERTILIZE NEW VEGETATION ONE TIME ONLY. THE OWNER SHALL NOT FERTILIZE VEGETATION AFTER THE INITIAL OCCURRENCE.

SEEDING AND MULCHING SCHEDULE PER ACRE
THE KINDS OF SEED AND FERTILIZER, AND THE RATES OF APPLICATION OF SEED, FERTILIZER, AND LIMESTONE, SHALL BE AS STATED BELOW. DURING PERIODS OF OVERLAPPING DATES, THE KIND OF SEED TO BE USED SHALL BE DETERMINED BY THE ENGINEER.

LIME	2 Tons per Acre
10-10-20	1,000 LB per Acre
0-20-0	500 Lb per Acre
STRAW MULCH	2 TONS/AC (AFTER SEEDING)
ASPHALT TACK	200 GAL/TON OF MULCH

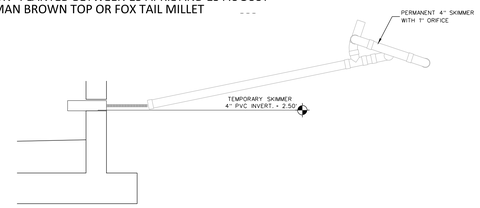
JANUARY 1-DECEMBER 31
50# Tall Fescue
5# Centipede
50# Pensacola Bahiagrass
500# Fertilizer
4000#Limestone

SLOPES 2:1 AND STEEPER AND WASTE AND BORROW LOCATIONS:
JANUARY 1-DECEMBER 31
75# Tall Fescue
50# Centipede
500# Fertilizer
4000#Limestone

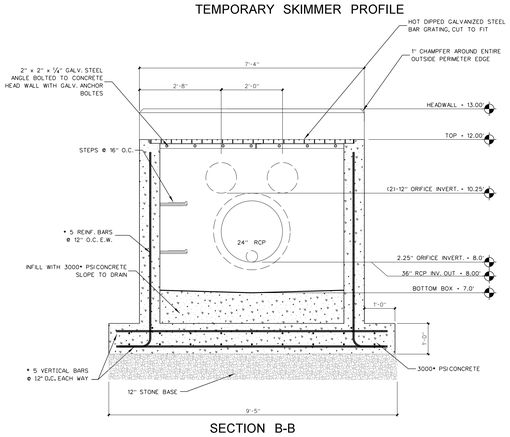
TEMPORARY SEEDING

"COOL SEASON" PLANTED BETWEEN 15 AUGUST AND 15 APRIL
120# RYE GRAIN (NO RYE GRASS)

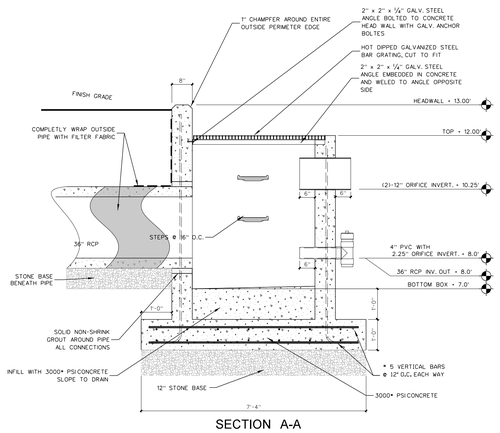
"WARM SEASON" PLANTED BETWEEN 15 APRIL AND 15 AUGUST
65# GERMAN BROWN TOP OR FOX TAIL MILLET



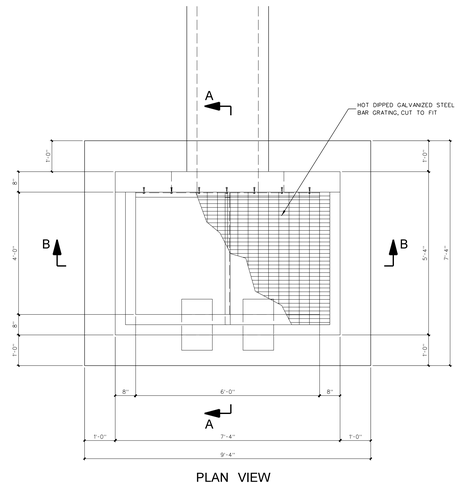
TEMPORARY SKIMMER PROFILE



SECTION B-B

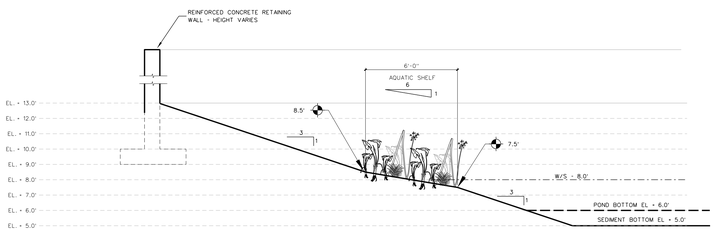


SECTION A-A

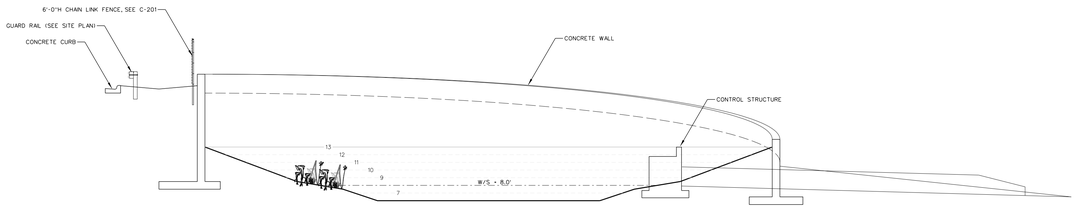


PLAN VIEW

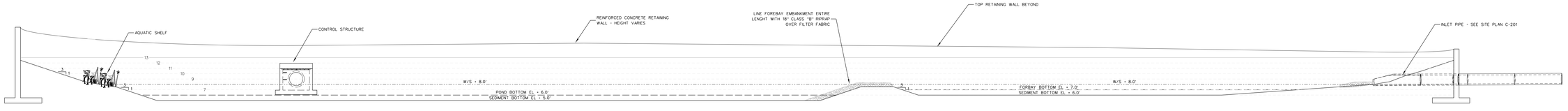
306.4 NORTH CONSTRUCTED WETLAND CONTROL STRUCTURE
SCALE: NONE



306.3 SECTION - AQUATIC SHELF
SCALE: NONE



306.2 NORTH CONSTRUCTED WETLAND -1 SECTION
SCALE: NONE



306.1 NORTH CONSTRUCTED WETLAND -1 SECTION
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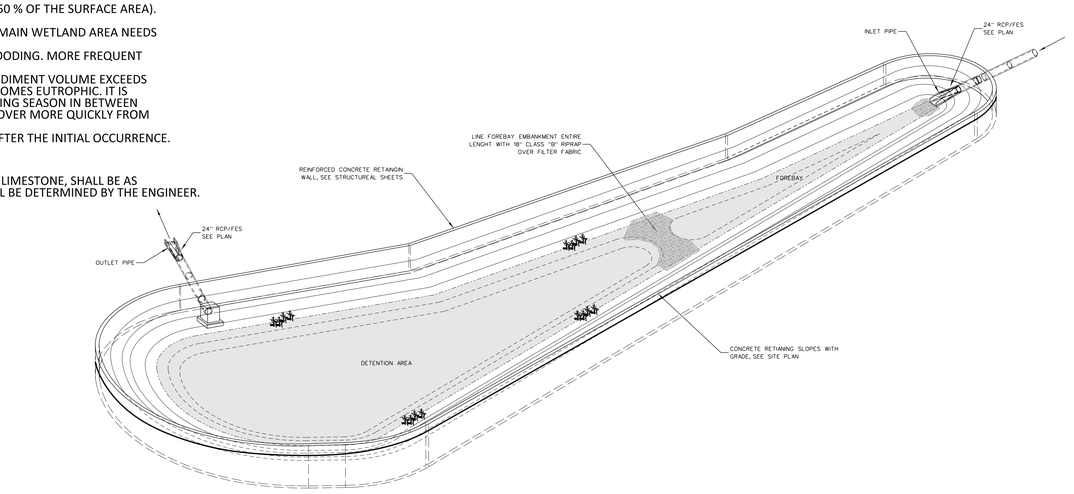

306.5 CONSTURCTED WETLAND - ISOMETRIC
SCALE: NONE

CIVIL ENGINEERING CONSULTANT:
Rivers & Associates, Inc.
License No. F-0334
107 East 2nd Street, Greenville, NC
(252)-714-3002

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

No.	Date	Revision

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. C 306

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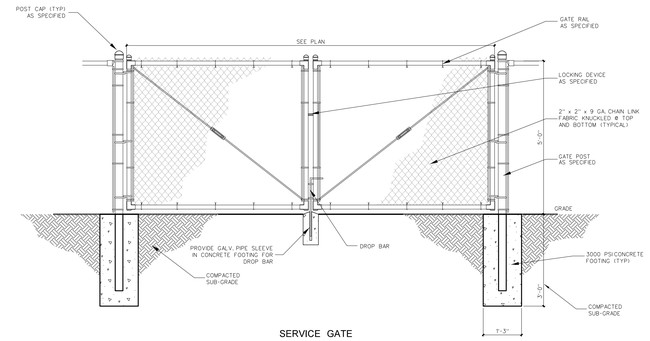
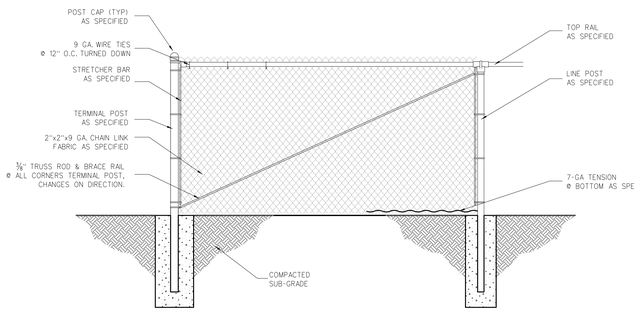
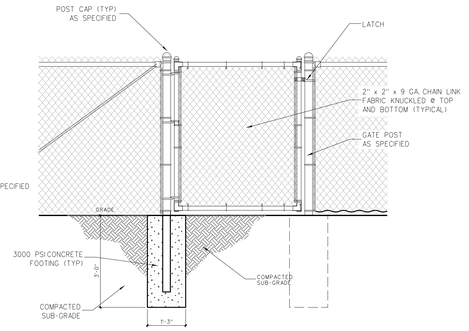


SERVICE GATE



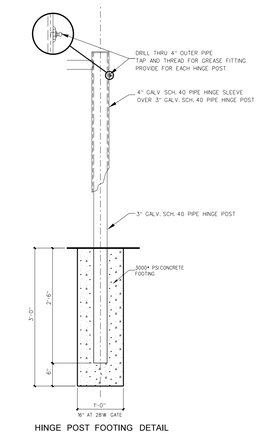
CHAIN LINK SECTION



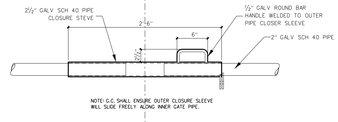
CHAIN LINK GATE

307.2 CHAINLINK FENCE DETAILS

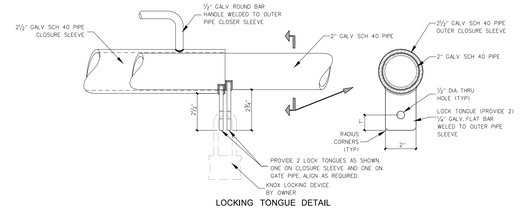
SCALE: ½" = 1'-0"



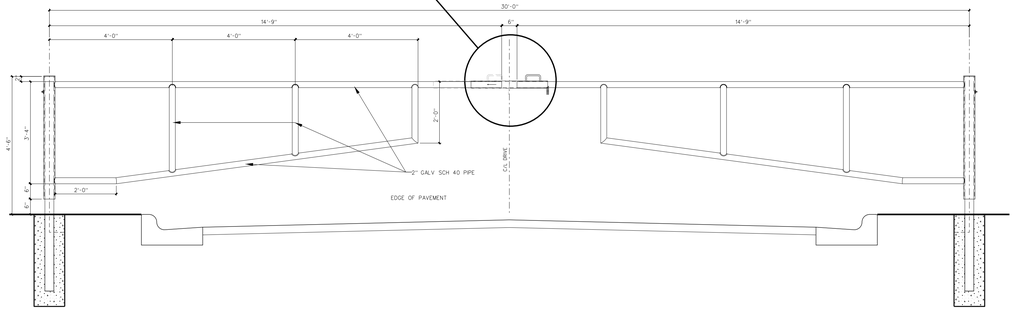
HINGE POST FOOTING DETAIL



CLOSURE SLEEVE DETAIL



LOCKING TONGUE DETAIL



307.1 CONTROL GATE DETAILS

SCALE: 1/2" = 1'-0"

No.	Date	Revision

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HITE ASSOCIATES, P.C. REGISTERED ARCHITECTURAL CORPORATION CERTIFICATE NUMBER 418 STATE OF NORTH CAROLINA GREENVILLE

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22308 BRIAN P. RUFF

CIVIL ENGINEERING CONSULTANT:
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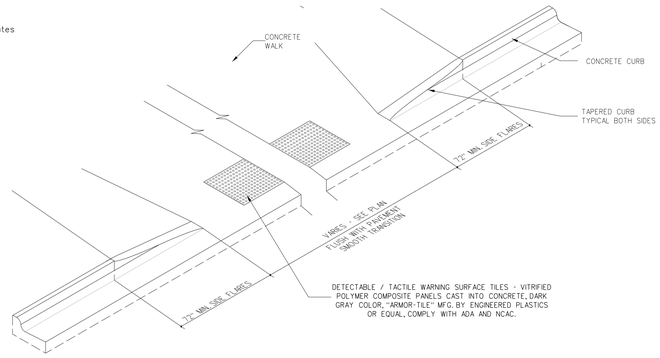
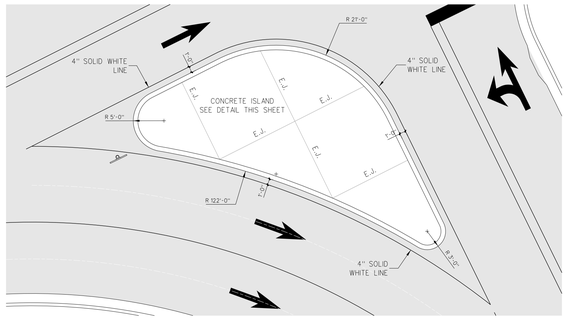
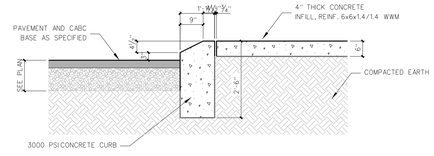


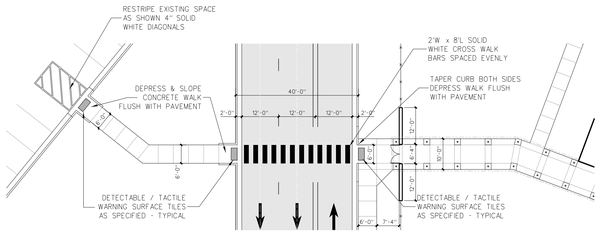
308.11 ACCESSIBLE CURB CUT @ DROP-OFF
SCALE: NONE



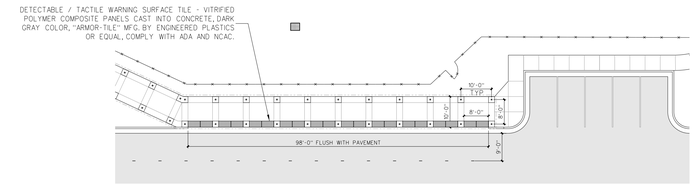
308.10 RAISED CONCRETE MEDIAN ISLAND
SCALE: 1" = 5'-0"



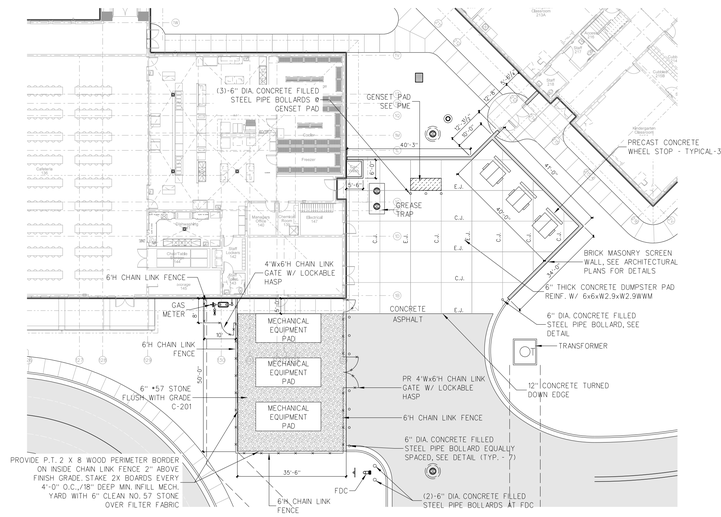
308.12 RAISED CONCRETE MEDIAN ISLAND
SCALE: 3/4" = 1'-0"



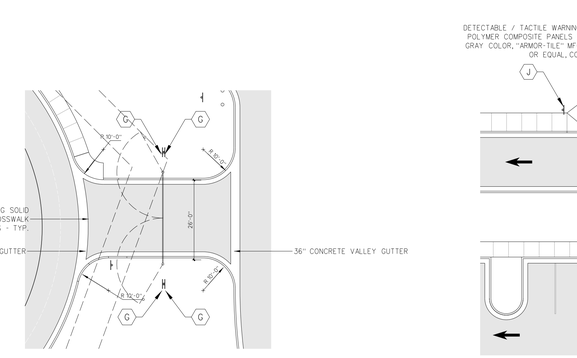
308.9 PEDESTRIAN CROSSING
SCALE: 1" = 10'-0"



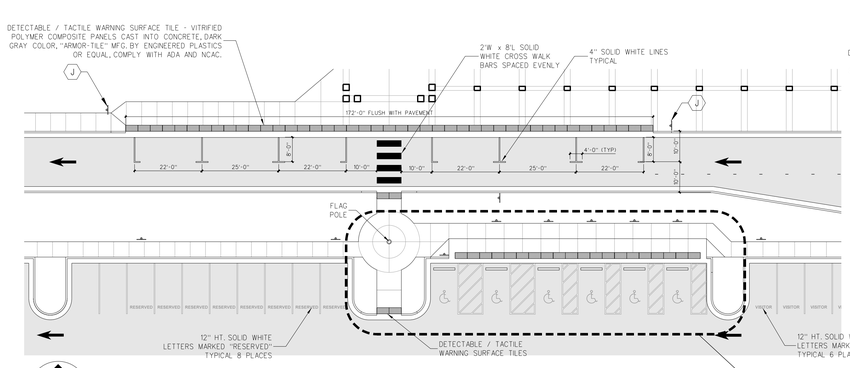
308.8 BUS LOAD / UNLOADING
SCALE: 1" = 10'-0"



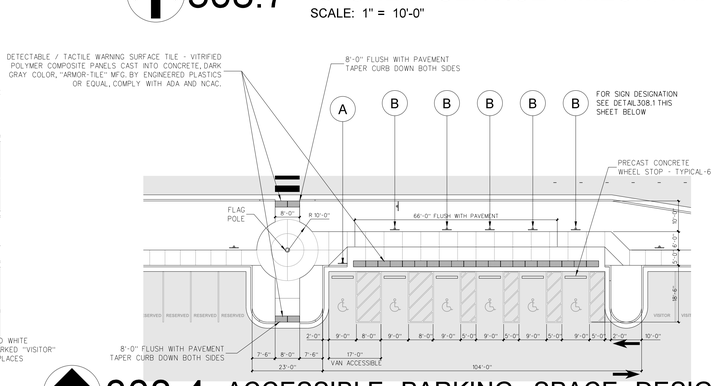
308.7 KITCHEN SERVICE / MECH. YARD
SCALE: 1" = 10'-0"



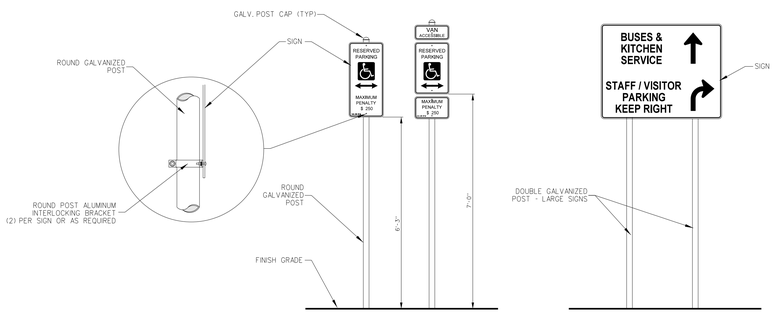
308.6 FIRE LANE ACCESS
SCALE: 1" = 10'-0"



308.5 FRONT UNLOADING / LOADING ZONE
SCALE: 1" = 10'-0"



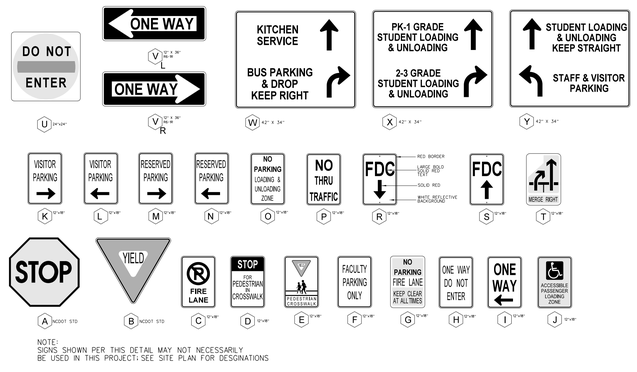
308.4 ACCESSIBLE PARKING SPACE DESIGNATION
SCALE: 1" = 10'-0"



SIGN ELEVATION

NOTES:
1. USE 2 3/8" DIA. GALVANIZED ROUND SIGN POSTS (TYP) MOUNT SIGN TO ELEVATIONS SHOWN, WITH POST CAP AT TOP.
2. PROVIDE ALL MOUNTING HARDWARE AS REQUIRED FOR COMPLETE INSTALLATION

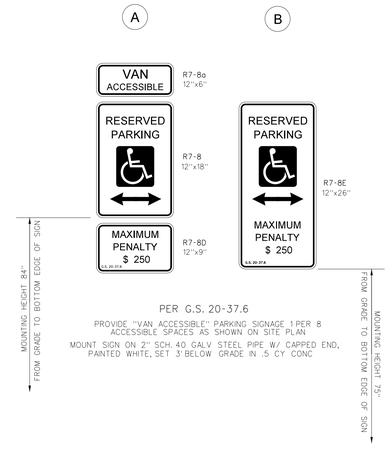
308.3 TYPICAL SIGN POSTS DETAIL
SCALE: NONE



NOTE:
SIGNS SHOWN PER THIS DETAIL MAY NOT NECESSARILY BE USED IN THIS PROJECT; SEE SITE PLAN FOR DESGNATIONS

308.2 TYPICAL REGULATORY SCHOOL SIGNAGE
SCALE: NONE

PARKING SPACE SIGNAGE AND PAVEMENT MARKINGS



PER G.S. 20-37.6
PROVIDE "VAN ACCESSIBLE" PARKING SIGNAGE 1 PER 8 ACCESSIBLE SPACES AS SHOWN ON SITE PLAN
MOUNT SIGN ON 2" SCH. 40 GALV STEEL PIPE W/ CAPPED END, PAINTED WHITE, SET 3' BELOW GRADE IN .5 CY CONC

308.1 TYPICAL HANDICAP PARKING SIGN
SCALE: NONE

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. — CORPORATE NUMBER 418 — GREENVILLE, NORTH CAROLINA

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT SEAL 22306 CHARLES P. HITE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
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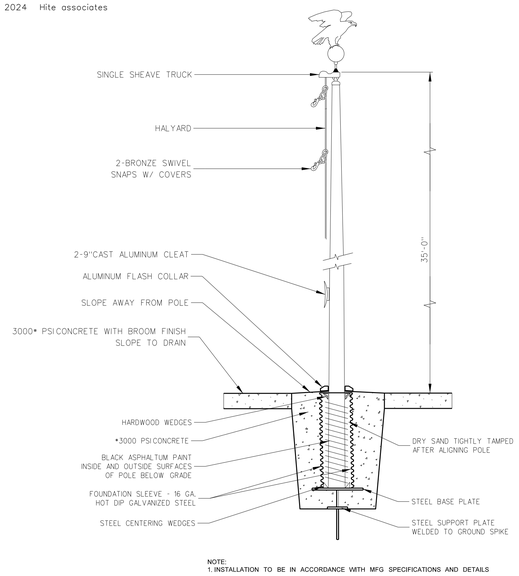
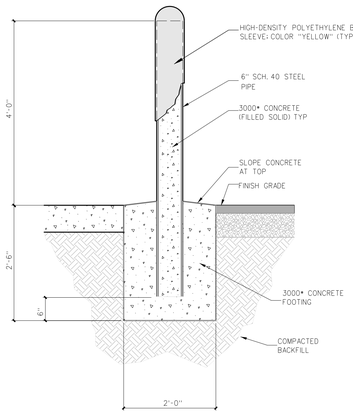
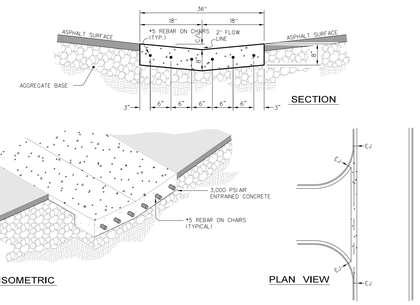


NOTE:
1. INSTALLATION TO BE IN ACCORDANCE WITH MFG SPECIFICATIONS AND DETAILS

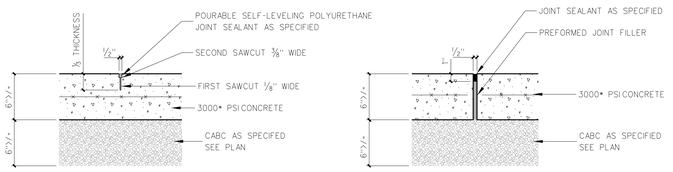
309.13 FLAG POLE DETAIL
SCALE: NONE



309.12 STEEL BOLLARD DETAIL
SCALE: 3/4" = 1'-0"

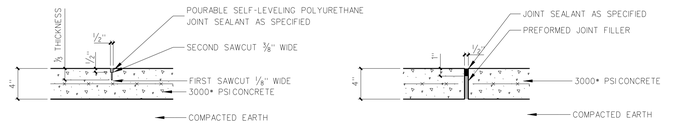


309.11 CONCRETE VALLEY GUTTER
SCALE: 3/4" = 1'-0"



SAW CUT CONTROL JOINT (C.J.)

EXPANSION JOINT (E.J.)
(Joints not to exceed 20' o.c., locate at all walk intersections and inside corners)



SAW CUT CONTROL JOINT (C.J.)
(Joints not to exceed 5' o.c.)

EXPANSION JOINT (E.J.)
(Joints not to exceed 20' o.c., locate at all walk intersections and inside corners)

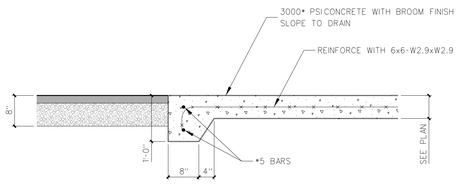
309.10 CONCRETE JOINT DETAILS
SCALE: NONE

NOTE:
PROVIDE SAWCUT JOINTS AT 10'-0" O.C., VERIFY LAYOUT WITH ARCHITECT.
SAWCUT JOINTS MIN. ¼ SLAB THICKNESS NO MORE THAN 24 HOURS AFTER PLACEMENT, SEE JOINT DETAILS.PROVIDE ½" EXPANSION JOINTS AS SPECIFIED, 30'-0" O.C. MAX., VERIFY LAYOUT WITH ARCHITECT

309.9 CONCRETE CURB/GUTTER @ DRIVE APRON
SCALE: 3/4" = 1'-0"

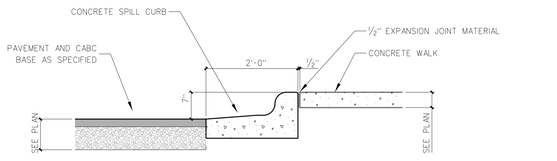
309.8 CONCRETE CURB END TAPER
SCALE: 3/4" = 1'-0"

309.7 RAISED CONCRETE MEDIAN ISLAND
SCALE: 3/4" = 1'-0"

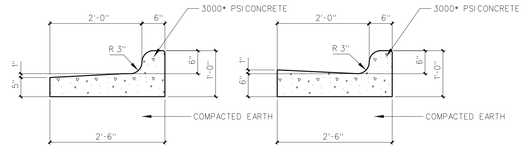


NOTE:
PROVIDE SAWCUT JOINTS AT 10'-0" O.C., VERIFY LAYOUT WITH ARCHITECT.
SAWCUT JOINTS MIN. ¼ SLAB THICKNESS NO MORE THAN 24 HOURS AFTER PLACEMENT, SEE JOINT DETAILS.PROVIDE ½" EXPANSION JOINTS AS SPECIFIED, 30'-0" O.C. MAX., VERIFY LAYOUT WITH ARCHITECT

309.6 HEAVY-DUTY CONCRETE SLAB
SCALE: 3/4" = 1'-0"

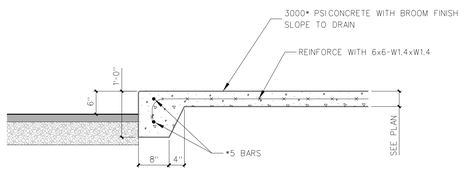


309.5 CONCRETE SPILL CURB @ WALK
SCALE: 3/4" = 1'-0"



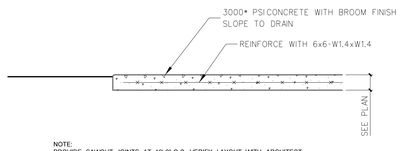
30" SPILL

30" GUTTER



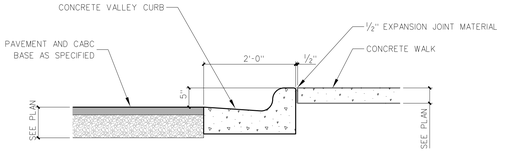
NOTE:
PROVIDE SAWCUT JOINTS AT 5'-0" O.C., VERIFY LAYOUT WITH ARCHITECT.
SAWCUT JOINTS MIN. ¼ SLAB THICKNESS NO MORE THAN 24 HOURS AFTER PLACEMENT, SEE JOINT DETAILS.PROVIDE ½" EXPANSION JOINTS AS SPECIFIED, 30'-0" O.C. MAX., VERIFY LAYOUT WITH ARCHITECT

309..4 LIGHT-DUTY MONOLITHIC CURB
SCALE: 3/4" = 1'-0"

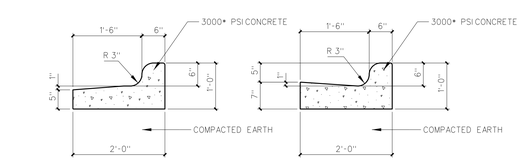


NOTE:
PROVIDE SAWCUT JOINTS AT 10'-0" O.C., VERIFY LAYOUT WITH ARCHITECT.
SAWCUT JOINTS MIN. ¼ SLAB THICKNESS NO MORE THAN 24 HOURS AFTER PLACEMENT, SEE JOINT DETAILS.PROVIDE ½" EXPANSION JOINTS AS SPECIFIED, 30'-0" O.C. MAX., VERIFY LAYOUT WITH ARCHITECT

309.3 LIGHT-DUTY CONCRETE SLAB
SCALE: 3/4" = 1'-0"



309.2 CONCRETE CURB/GUTTER @ WALK
SCALE: 3/4" = 1'-0"



24" SPILL

24" GUTTER

309.1 24"/30" CONCRETE CURB DETAILS
SCALE: 3/4" = 1'-0"

CIVIL ENGINEERING CONSULTANT:
Rivers & Associates, P.C.
License No. F-0334
107 East 2nd Street, Greenville, NC
(252)-714-3002

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

RIVERS & ASSOCIATES, P.C. CORPORATE NUMBER 418 GREENVILLE, NC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 27306 CHARLES P. RIVERS

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344

Date: 1 July 2024

Drawing no. C 309

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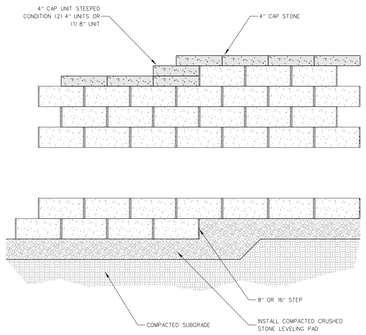
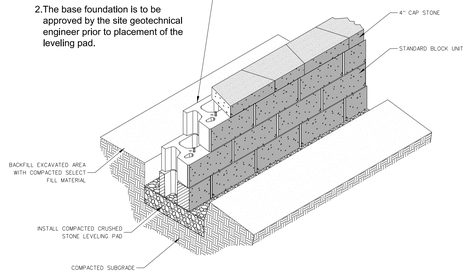


310.5 STANDARD UNIT / BASE LEVELING PAD STEPPED DETAIL
SCALE: ½" = 1'-0"

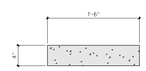
Base Leveling Pad Notes:
1. The leveling pad is to be constructed of crushed stone or 2,000 psi± unreinforced concrete
2. The base foundation is to be approved by the site geotechnical engineer prior to placement of the levelling pad.

Compac II Unit	
Width:	18"
*Depth:	12"
Height:	8"
*Weight:	90 lbs

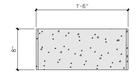
Cap Unit	
Width:	18"
*Depth:	10 1/2"
Height:	4"
*Weight:	50 lbs



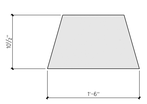
310.4 STANDARD UNIT / BASE PAD ISOMETRIC SECTION VIEW
SCALE: NONE



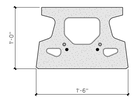
Cap Unit Elevation



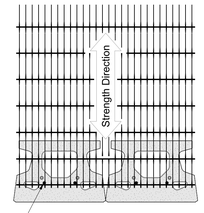
Block Unit Elevation



Cap Unit Plan



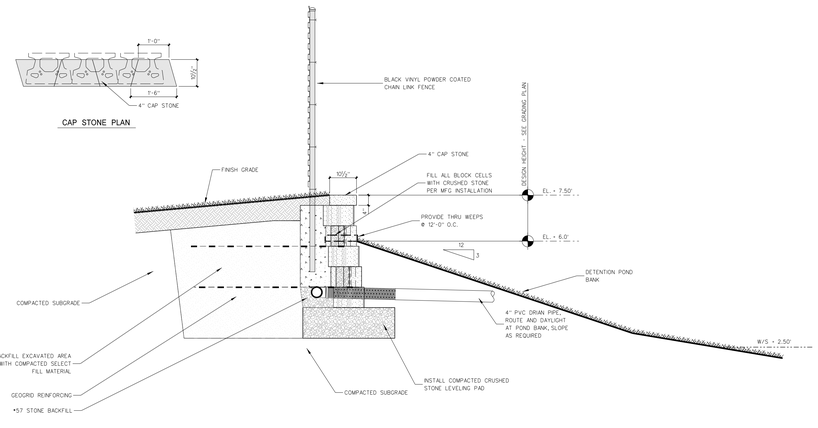
Block Unit Plan



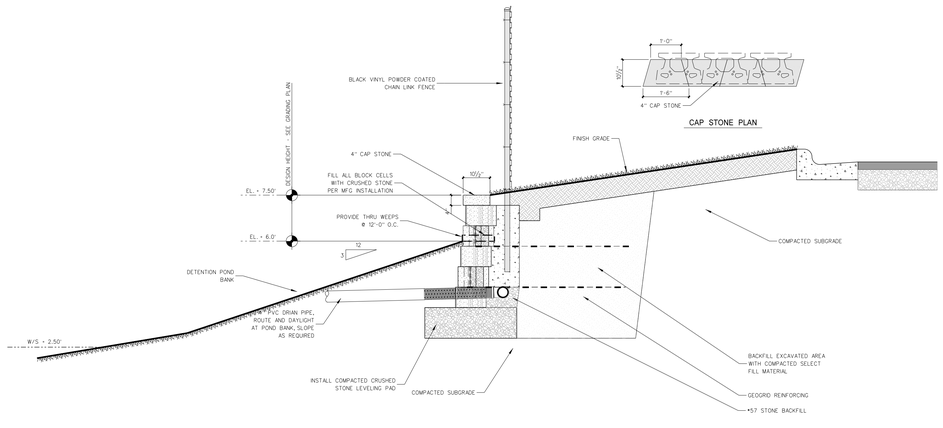
Geogrid is to be Placed on Level Backfill and Extended Over the Fiberglass Pins. Place Next Unit. Pull Grid Taught and Backfill. Stake as required.

Grid & Pin Connection

310.3 STANDARD UNIT SECTION/DETAIL
SCALE: 1" = 1'-0"



310.2 TYPICAL SEGMENTAL RETAINING WALL
SCALE: 1/2" = 1'-0"



TYPICAL SEGMENTAL RETAINING WALL

THIS DRAWING IS AN ARRANGEMENT DRAWING ONLY. CONTRACTOR SHALL SUBMIT SHOP DESIGN DRAWINGS PREPARED BY A REGISTERED PROFESSIONAL ENGINEER AND INCLUDE GEOGRID AND BACKFILL SPECIFICATIONS AND FOUNDATION SPECIFICATIONS.

No.	Date	Revision

Hite associates
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HITE ASSOCIATES, P.C. ARCHITECTURAL CORPORATION LICENSED NUMBER C-418 GREENVILLE, N.C.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 27305 CHRISTOPHER P. HITE

CIVIL ENGINEERING CONSULTANT:
Rivers & Associates, Inc.
License No. F-0334
107 East 2nd Street, Greenville, NC
(252)-714-3002

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
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Project No. 22344
Date: 1 July 2024
Drawing no. C 310

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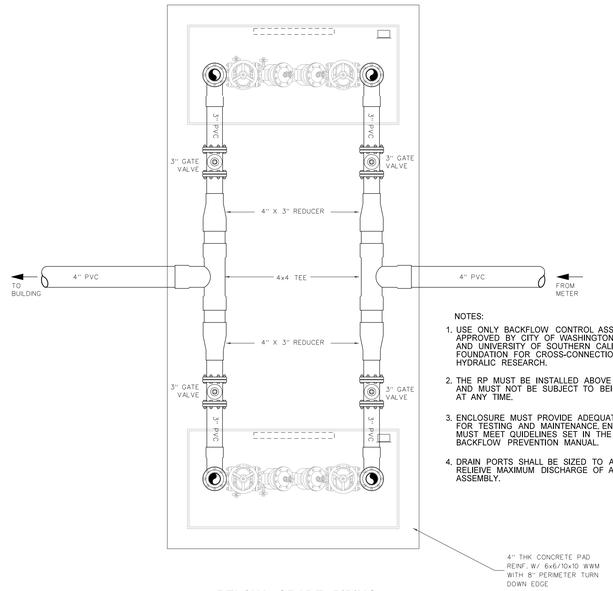
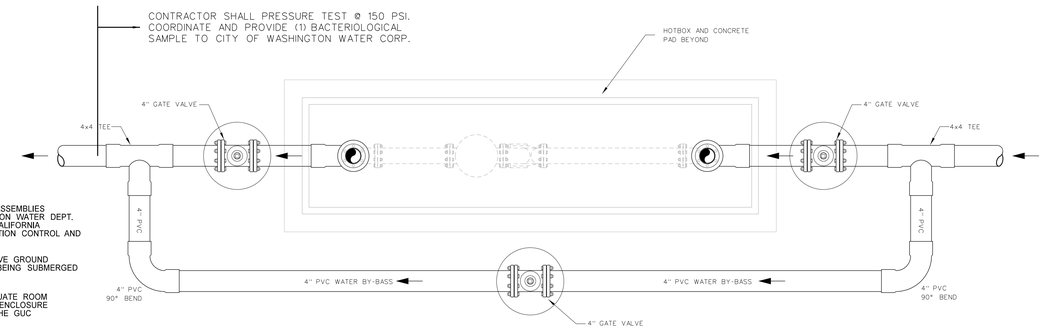


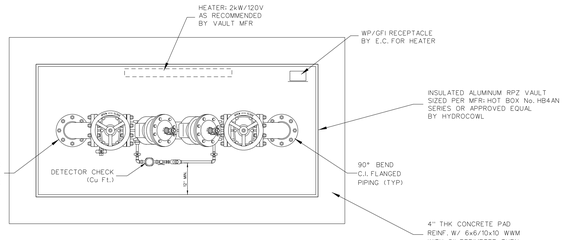
BELOW GRADE PIPING
B - B

NOTES:

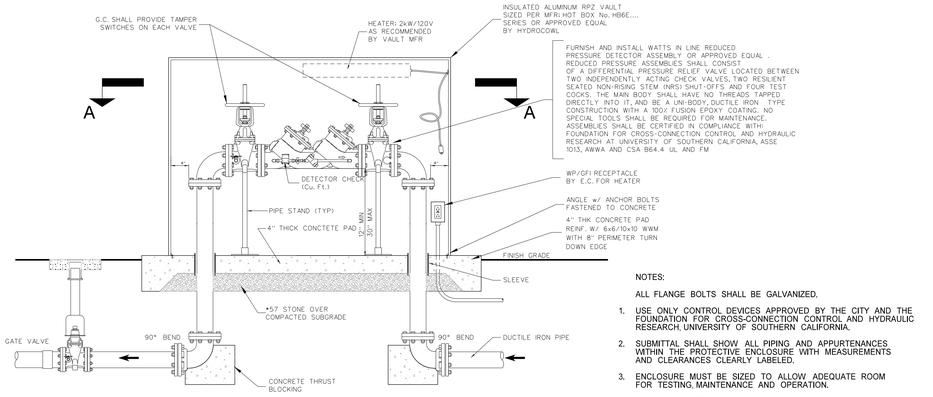
1. USE ONLY BACKFLOW CONTROL ASSEMBLIES APPROVED BY CITY OF WASHINGTON WATER DEPT. AND UNIVERSITY OF SOUTHERN CALIFORNIA FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH.
2. THE RP MUST BE INSTALLED ABOVE GROUND AND MUST NOT BE SUBJECT TO BEING SUBMERGED AT ANY TIME.
3. ENCLOSURE MUST PROVIDE ADEQUATE ROOM FOR TESTING AND MAINTENANCE. ENCLOSURE MUST MEET GUIDELINES SET IN THE GUC BACKFLOW PREVENTION MANUAL.
4. DRAIN PORTS SHALL BE SIZED TO ADEQUATELY RELIEIVE MAXIMUM DISCHARGE OF APPROPRIATE ASSEMBLY.



BELOW GRADE PIPING
B - B



ABOVE GRADE PIPING
A - A



ALL PIPING TO BE DUCTILE IRON

NOTE: Detector check Meter shall read in Cubic Feet

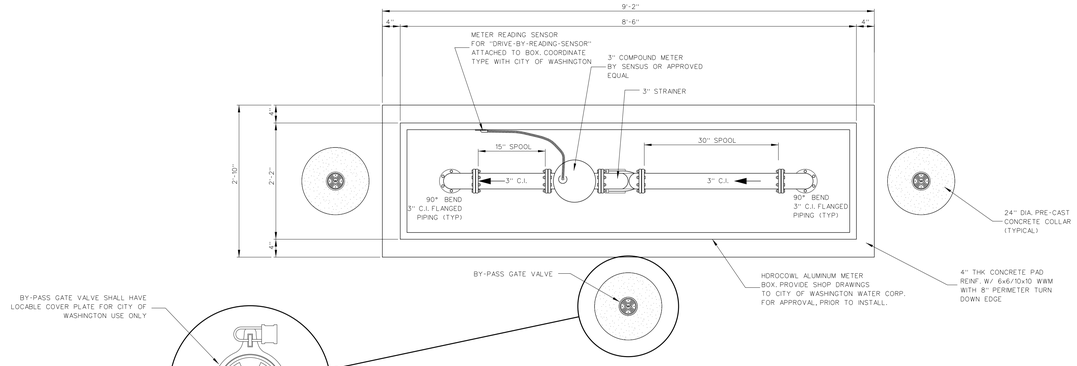
NOTES:

ALL FLANGE BOLTS SHALL BE GALVANIZED.

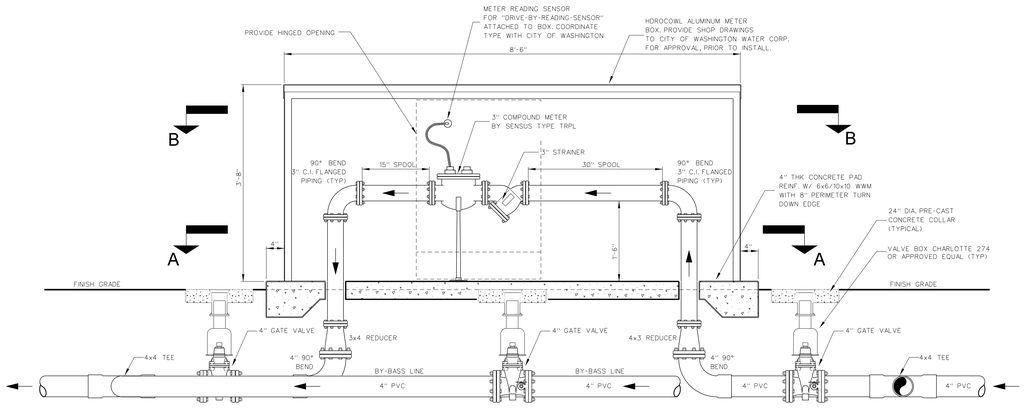
1. USE ONLY CONTROL DEVICES APPROVED BY THE CITY AND THE FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH, UNIVERSITY OF SOUTHERN CALIFORNIA.
2. SUBMITTAL SHALL SHOW ALL PIPING AND APPURTENANCES WITHIN THE PROTECTIVE ENCLOSURE WITH MEASUREMENTS AND CLEARANCES CLEARLY LABELED.
3. ENCLOSURE MUST BE SIZED TO ALLOW ADEQUATE ROOM FOR TESTING, MAINTENANCE AND OPERATION.
4. DRAIN OPENINGS SHALL BE SIZED TO ADEQUATELY RELIEVE MAXIMUM DISCHARGE OF APPROPRIATE DEVICE.
5. REDUCED PRESSURE PRINCIPLE ASSEMBLIES (RPZ) SHALL REQUIRE AN ABOVE GROUND INSTALLATION.
6. REFER TO THRUST BLOCKING DETAIL (M04A-WASH) FOR REACTION BLOCKING.
7. SEE DETAIL W46-WASH FOR PLAN VIEW.
8. ALL BACKFLOW ASSEMBLY'S SHALL BE MAINTAINED BY THE OWNER.
9. ENSURE ASSEMBLY WILL FIT WITHIN FIBERGLASS ENCLOSURE. CHECK DIMENSIONS BEFORE ORDERING.
10. SLOPE CONCRETE PAD TO DRAIN PORTS.
11. ASSEMBLY SHALL BE PLACED ON OWNERS PROPERTY BEHIND THE METER.

312.2 REDUCED PRESSURE DETECTOR ASSEMBLY

2½" TO 10" INSTALLATION
SCALE: NONE



ABOVE GRADE PIPING
A - A



ELEVATION

312.1 4" WATER METER IN U.G. VAULT

SCALE: NONE

No.	Date	Revision

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HITE ASSOCIATES, P.C. — CERTIFICATE NUMBER C-418 — GREENVILLE, NC

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22306 CHARLES P. HITE

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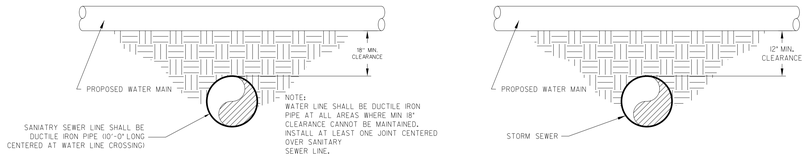
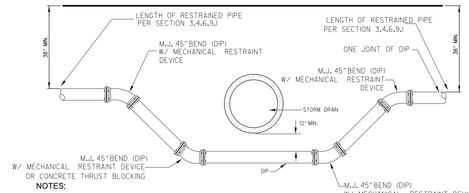


SANITARY SEWER PIPE BELOW WATER LINE

STORM PIPE BELOW WATER LINE

NOTE: WATER LINE SHALL BE DUCTILE IRON PIPE AT ALL AREAS WHERE MIN 12" CLEARANCE CANNOT BE MAINTAINED. INSTALL AT LEAST ONE JOINT CENTERED OVER STORM DRAIN.



NOTES:

PLACE CONC. BLOCKING SUCH THAT IT WILL NOT INTERFERE WITH REMOVAL OF BOLTS.

PIPE DIAMETER GREATER THAN 12" REFER TO PERQUIMANS COUNTY WATER DEPARTMENT

PIPE LENGTHS SHALL BE AS REQUIRED TO CONSTRUCT CROSSING.

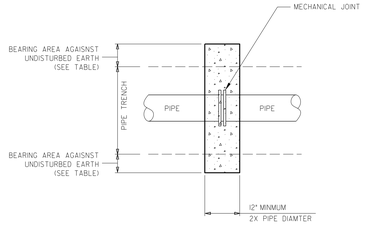
ALL JOINTS TO BE RESTRAINED IN ACCORDANCE WITH MANUAL.

WATER MAIN AND STORM DRAIN CROSSING

313.5 WATER MAIN STORM DRAIN CROSSING
SCALE: NTS

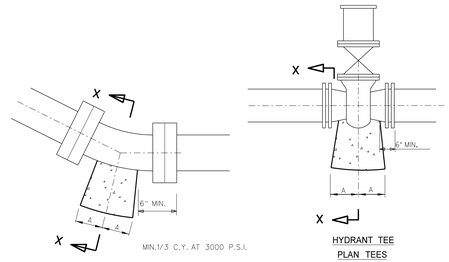
NOTES:

1. CONCRETE SHALL BE 3,000 PSI MIN.
2. CONCRETE FOR THRUST BLOCKING SHALL BE KEPT FAIRLY DRY, THUS MAKING THE CONCRETE WEDGE SHAPE MORE EASILY FORMED WITH THE WIDEST PART (BLOCKING AREA) AGAINST UNDISTURBED SOIL.
3. NO CONCRETE SHALL COVER ANY BOLTS OR GLANDS.
4. ALL PIPING AND ACCESSORIES TO BE WRAPPED WITH 10 MIL. POLYETHYLENE PRIOR TO POURING BLOCKING.
5. VOLUME OF THRUST BLOCKING SHALL BE AS SHOWN ON THE THRUST BLOCKING SCHEDULE.



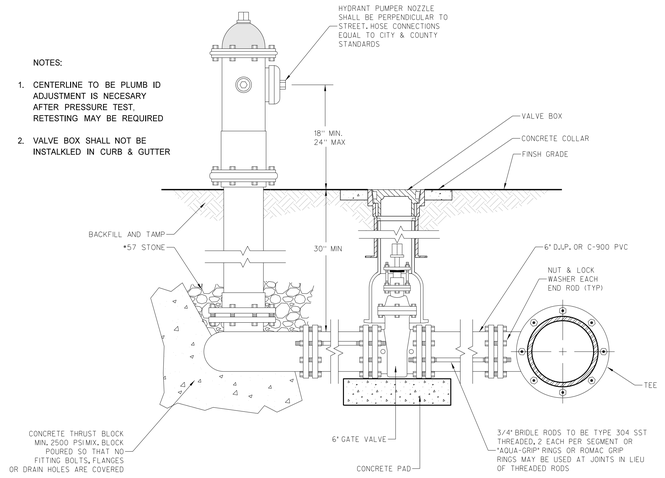
SOIL	BEARING LOAD (lb/sq.ft.)
MUCKY	0
SOFT CLAY	1,000
SILT	1,500
SANDY SILT	3,000
SAND	4,000
SANDY CLAY	6,000
HARD CLAY	9,000

MIN. BEARING AREAS ARE BASED UPON THE TABLE ABOVE. FOR SOILS HAVING BEARING CAPACITIES DIFFERENT THAN THAT SHOWN ADJUST AREA AS NECESSARY TO PROVIDE EQUIVALENT RESTRAINT. THURST RESTRAINT WITH ANOCHOR RING



PIPE SIZE	90° BEND		45° BEND		22 1/2° BEND		11 1/4° BEND		TEE		PLUG	
	A	B	A	B	A	B	A	B	A	B	C	D
4"	8"	12"	8"	8"	6"	6"	6"	6"	8"	9"	10"	16"
6"	10"	12"	8"	10"	8"	8"	8"	8"	10"	10"	12"	18"
8"	15"	13"	10"	10"	8"	8"	8"	8"	10"	12"	12"	24"
10"	16"	14"	10"	12"	6"	10"	6"	10"	11"	14"	14"	25"
12"	20"	16"	12"	14"	8"	12"	8"	12"	14"	16"	16"	30"
14"	22"	18"	14"	16"	10"	14"	10"	14"	16"	18"	18"	34"
16"	26"	20"	16"	18"	12"	16"	12"	16"	18"	20"	20"	36"

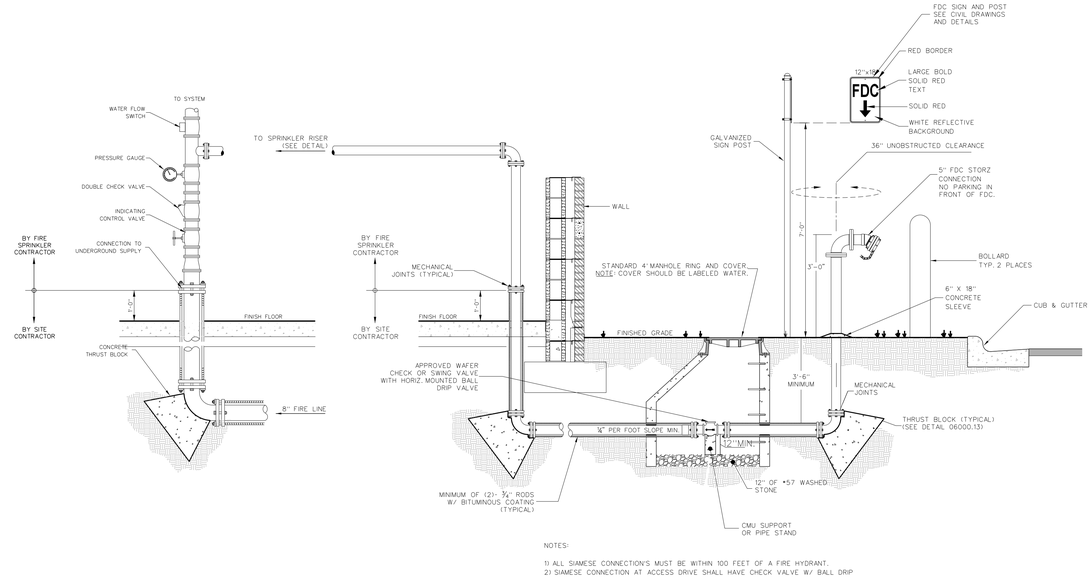
313.4 THRUST BLOCKING DETAIL
SCALE: NONE



NOTES:

1. CENTERLINE TO BE PLUMB ID ADJUSTMENT IS NECESARY AFTER PRESSURE TEST. RETESTING MAY BE REQUIRED
2. VALVE BOX SHALL NOT BE INSTALKLED IN CURB & GUTTER

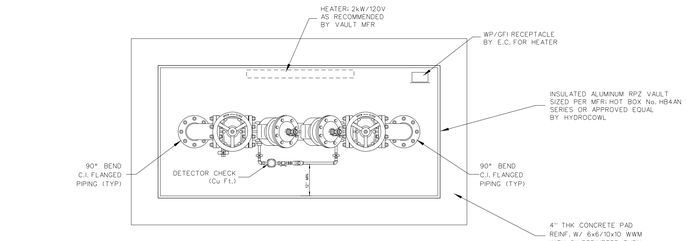
313.3 FIRE HYDRANT DETAIL
SCALE: NONE



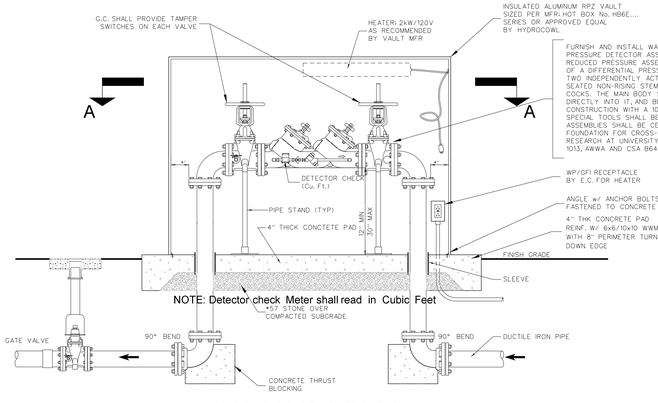
NOTES:

1) ALL SIAMESE CONNECTIONS MUST BE WITHIN 100 FEET OF A FIRE HYDRANT.
2) SIAMESE CONNECTION AT ACCESS DRIVE SHALL HAVE CHECK VALVE W/ BALL DRIP

313.2 FIRE DEPARTMENT CONNECTION REMOTE LOCATION
SCALE: NONE



ABOVE GRADE PIPING
A - A



ALL PIPING TO BE DUCTILE IRON

NOTES:

1. ALL FLANGE BOLTS SHALL BE GALVANIZED.
2. USE ONLY CONTROL DEVICES APPROVED BY THE CITY AND THE FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH, UNIVERSITY OF SOUTHERN CALIFORNIA. SUBMITTAL SHALL SHOW ALL PIPING AND APPURTENANCES WITHIN THE PROTECTIVE ENCLOSURE WITH MEASUREMENTS AND CLEARANCES CLEARLY LABELED.
3. ENCLOSURE MUST BE SIZED TO ALLOW ADEQUATE ROOM FOR TESTING, MAINTENANCE AND OPERATION.
4. DRAIN OPENINGS SHALL BE SIZED TO ADEQUATELY RELIEVE MAXIMUM DISCHARGE OF APPROPRIATE DEVICE.
5. REDUCED PRESSURE PRINCIPLE ASSEMBLIES (RPZ) SHALL REQUIRE AN ABOVE GROUND INSTALLATION.
6. REFER TO THRUST BLOCKING DETAIL (M04A-WASH) FOR REACTION BLOCKING.
7. SEE DETAIL W46-WASH FOR PLAN VIEW.
8. ALL BACKFLOW ASSEMBLY'S SHALL BE MAINTAINED BY THE OWNER.
9. ENSURE ASSEMBLY WILL FIT WITHIN FIBERGLASS ENCLOSURE. CHECK DIMENSIONS BEFORE ORDERING.
10. SLOPE CONCRETE PAD TO DRAIN PORTS.

313.1 FIRE LINE REDUCED PRESSURE DETECTOR ASSEMBLY
8" INSTALLATION
SCALE: NONE

No.	Date	Revision

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BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date 1 July 2024
Drawing no. C 313

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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

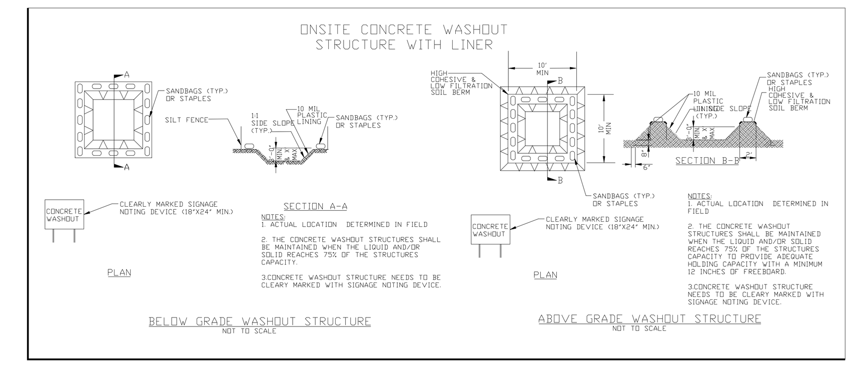
1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, 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.



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 order	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 (and 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 measure, 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 III, 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 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.

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.

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

No.	Date	Revision

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Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
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Project No. 22344

Date: 1 July 2024

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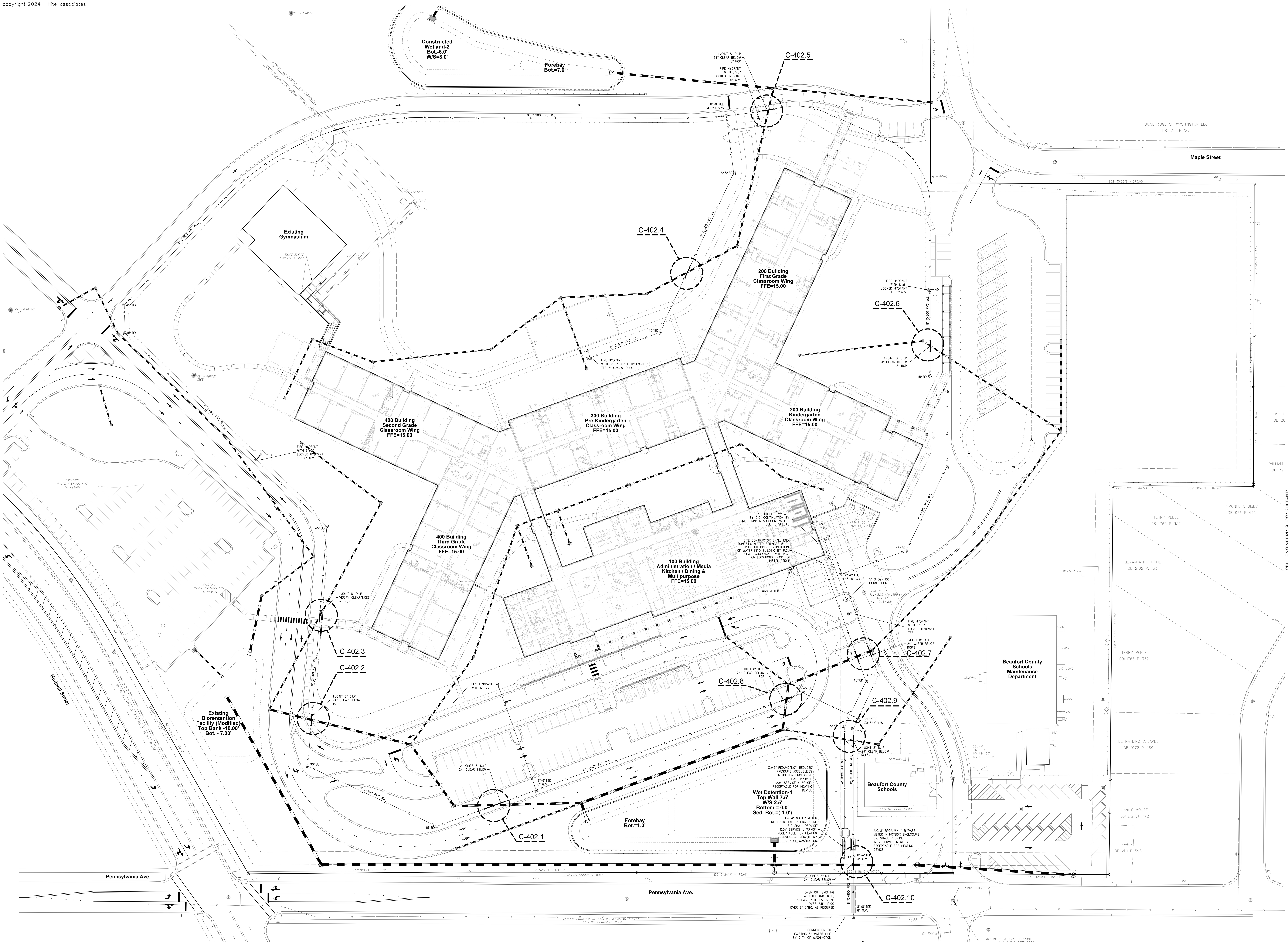

401.1 SITE UTILITY PLAN

SCALE: 1" = 40'-0"

No.	Date	Revision

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HITE ASSOCIATES, P.C. — REGISTERED ARCHITECTURAL CORPORATION — CERTIFICATE NUMBER 418 — STATE OF NORTH CAROLINA — GREENVILLE

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Project No. 22344

Date: 1 July 2024

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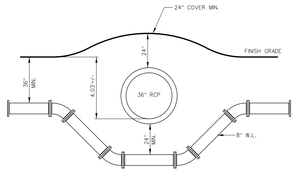

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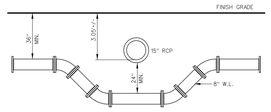

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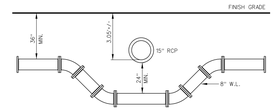

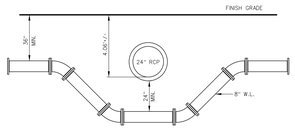

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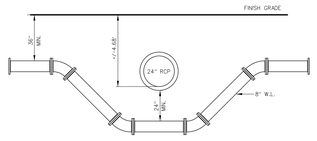

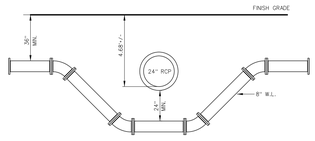

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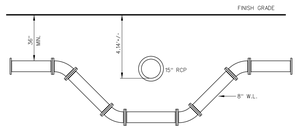

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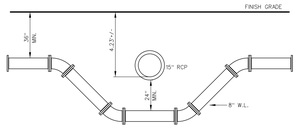

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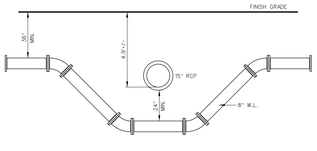

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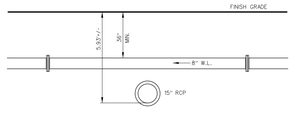

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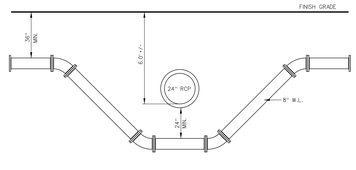

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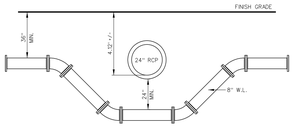

402.1

NOTE:
THIS PLAN IS DIAGRAMITC. CONTRACTOR SHALL VERIFY ALL INVERTS AND WATER LINE CROSSSINGS AS REQUIRED PRIOR TO INSTALLATION, SEE C-401

402 WATER LINE PIPE CROSSINGS
NOT TO SCALE

No.	Date	Revision

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Beaufort PK-3 School
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Project No.
22344

Date
1 July 2024

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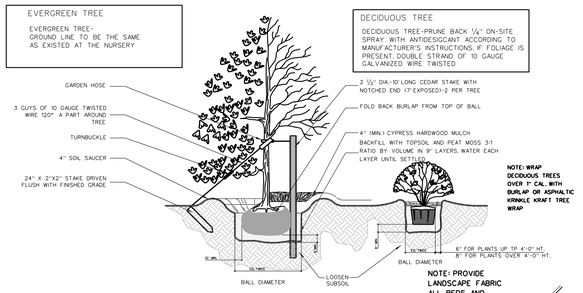
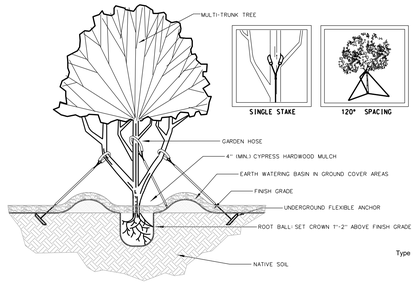
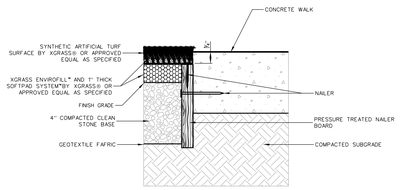


PLANTING DETAIL SINGLE TRUNK AND SHRUB

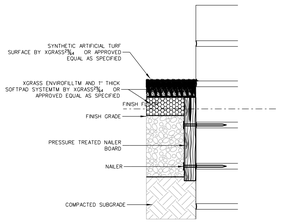


MULTI-TRUNK STAKING

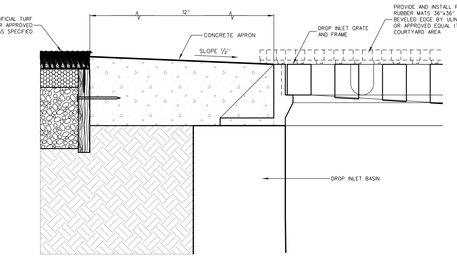
101.3 PLANTING DETAILS
N.T.S.



@ CONCRETE WALK



@ BUILDING PERIMETER



@ DROP INLET GRATE

101.2 SYNTHETIC ARTIFICIAL TURF DETAILS
N.T.S.

REQUIRED VEGETATION:

(1) LARGE TREE PER & 4 SHRUBS PER (15) PARKING SPACES: 286 SPACES/15 = 19 LT / 76 SHRUBS

10' VEGETATIVE STRIP: (1) LARGE TREE PER 50 LF SHALL LINE PARKING SPACES. = 15 LT

BUFFERYARD "D" - 20'-0" (820 LF = 27 LT - 45 ST - 144 SHRUBS)

STREET TREES

PENNSYLVANIA STREET	730 LF / 100 X 2 = 15 LARGE TREES
HUDNELL STREET	510 LF / 100 X 2 = 10 LARGE TREES
MAPLE STREET	510 LF / 100 X 2 = 10 LARGE TREES

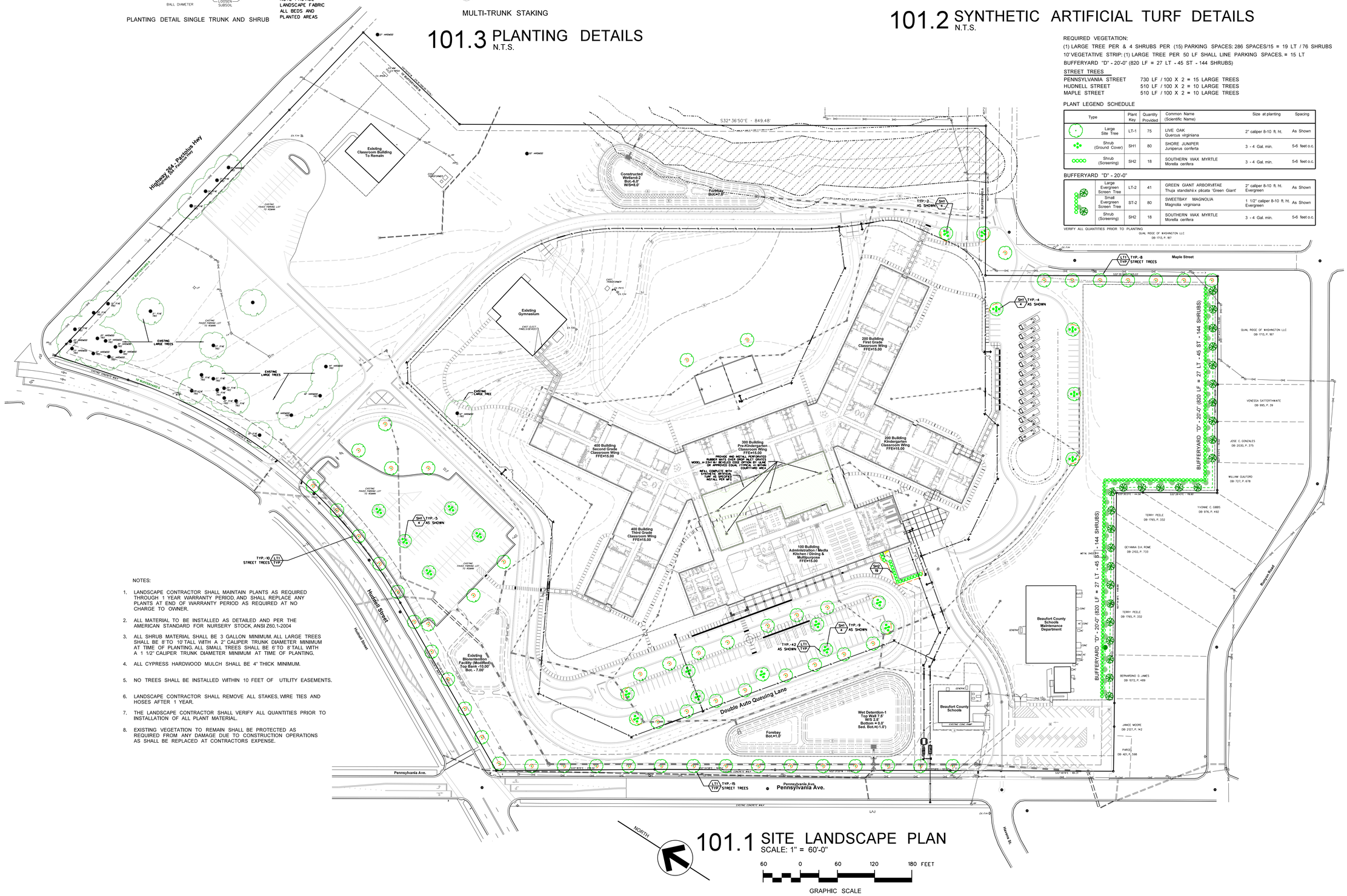
PLANT LEGEND SCHEDULE

Type	Plant Key	Quantity Provided	Common Name (Scientific Name)	Size at planting	Spacing
Large Site Tree	LT-1	75	LIVE OAK Quercus virginiana	2" caliper 8-10 ft. ht.	As Shown
Shrub (Ground Cover)	SH1	80	SHORE JUNIPER Juniperus conferta	3 - 4 Gal. min.	5-6 feet o.c.
Shrub (Screening)	SH2	18	SOUTHERN WAX MYRTLE Morella cerifera	3 - 4 Gal. min.	5-6 feet o.c.

BUFFERYARD "D" - 20'-0"

Type	Plant Key	Quantity Provided	Common Name (Scientific Name)	Size at planting	Spacing
Large Evergreen Screen Tree	LT-2	41	GREEN GIANT ARBORVITAE Thuja standishii x plicata 'Green Giant'	2" caliper 8-10 ft. ht. Evergreen	As Shown
Small Evergreen Screen Tree	ST-2	80	SWEETBAY MAGNOLIA Magnolia virginiana	1 1/2" caliper 8-10 ft. ht. Evergreen	As Shown
Shrub (Screening)	SH2	18	SOUTHERN WAX MYRTLE Morella cerifera	3 - 4 Gal. min.	5-6 feet o.c.

VERIFY ALL QUANTITIES PRIOR TO PLANTING



NOTES:

1. LANDSCAPE CONTRACTOR SHALL MAINTAIN PLANTS AS REQUIRED THROUGH 1 YEAR WARRANTY PERIOD, AND SHALL REPLACE ANY PLANTS AT END OF WARRANTY PERIOD AS REQUIRED AT NO CHARGE TO OWNER.
2. ALL MATERIAL TO BE INSTALLED AS DETAILED AND PER THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1-2004
3. ALL SHRUB MATERIAL SHALL BE 3 GALLON MINIMUM. ALL LARGE TREES SHALL BE 8' TO 10' TALL WITH A 2" CALIPER TRUNK DIAMETER MINIMUM AT TIME OF PLANTING. ALL SMALL TREES SHALL BE 6' TO 8' TALL WITH A 1 1/2" CALIPER TRUNK DIAMETER MINIMUM AT TIME OF PLANTING.
4. ALL CYPRESS HARDWOOD MULCH SHALL BE 4" THICK MINIMUM.
5. NO TREES SHALL BE INSTALLED WITHIN 10 FEET OF UTILITY EASEMENTS.
6. LANDSCAPE CONTRACTOR SHALL REMOVE ALL STAKES, WIRE TIES AND HOSES AFTER 1 YEAR.
7. THE LANDSCAPE CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO INSTALLATION OF ALL PLANT MATERIAL.
8. EXISTING VEGETATION TO REMAIN SHALL BE PROTECTED AS REQUIRED FROM ANY DAMAGE DUE TO CONSTRUCTION OPERATIONS AS SHALL BE REPLACED AT CONTRACTORS EXPENSE.

101.1 SITE LANDSCAPE PLAN
SCALE: 1" = 60'-0"

60 0 60 120 180 FEET

GRAPHIC SCALE

No.	Date	Revision

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ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

JAMES F. HITE ASSOCIATES, P.C. — REGISTERED ARCHITECTURAL CORPORATION — CERTIFICATE NUMBER C-418 — STATE OF NORTH CAROLINA — GREENVILLE

GRAY HITE — REGISTERED ARCHITECT 3754 — STATE OF NORTH CAROLINA — GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No.	22344
Date	1 July 2024
Drawing no.	L 101

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600 Unit Existing Gymnasium

GENERAL NOTES:

(1) CMU WALLS WHERE INDICATED SHALL BE RUN SOLID TO BOTTOM OF DECK, GROUTED SOLID TO DECK. ALL OTHER CMU WALLS, UNLESS OTHERWISE NOTED, SHALL BE RUN TO FULL BLOCK COURSE ABOVE CEILING. UNBRACED SECTIONS OF LESS-THAN-FULL-HEIGHT WALLS SHALL BE BRACED TO ROOF. SEE STRUCTURAL DRAWINGS.

(2) CMU WALL INTERSECTIONS SHALL BE BONDED WITH HOT DIPPED GALVANIZED HARDWARE CLOTH EACH COURSE, AND PREFORMED "T" HORIZONTAL REINFORCING AS SPECIFIED AT 16" ON CENTER.

(3) PROVIDE WALL CONTROL AND EXPANSION JOINTS WHERE SHOWN AND DETAILED OR IN PRE-APPROVED, ALTERNATING LOCATIONS 32'ON CENTER MAXIMUM. PROVIDE IN ONE SIDE OF EACH OPENING IN MASONRY WALLS1-BOTH SIDES IN OPENINGS WITH WIDTH EXCEEDING 5'-0". SEE DETAIL

(4) PROVIDE WALL EXPANSION JOINTS AT POINTS AND INTERSECTIONS WHERE INDICATED, ½" WIDE, FILLED WITH EXPANSION JOINT MATERIAL AND CAULK, WITH BACKER ROD EACH EXPOSED SIDE.

(5) ALL 90° OUTSIDE CMU CORNERS SHALL HAVE BULLNOSE EDGE UON.

(6) ALL 45° CMU WALL BENDS SHALL BE CONSTRUCTED WITH SPECIAL PRECAST UNITS.

(7) INTERIOR CMU JOINTS SHALL BE TOOLED CONCAVE.

(8) ALL CMU SURFACES TO RECEIVE PAINT OR PLASTER SHALL BE POINTED UP AND PATCHED WITH MORTAR TO ELIMINATE DEPRESSIONS, VOIDS OR OTHER IRREGULARITIES LARGER THAN ½" DIAMETER. PAINTER SHALL CAULK SIMILAR DEFECTS LARGER THAN ⅛" DIAMETER AFTER APPLICATION OF BLOCK FILLER. BLOCK FILLER SHALL BE APPLIED IN THICKNESS AND COATS REQUIRED TO ELIMINATE ALL VOIDS AND PINHOLES IN MASONRY SURFACES. FINISH PAINT SHALL BE SPRAY APPLIED, & ROLLED IN.

(9) LAY-IN ACOUSTICAL TILE CEILING SYSTEM SHALL BE 2' x 2' GRID, IN LAYING OUT CEILINGS, COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS, AND AVOID THE USE OF LESS-THAN-HALF SIZE UNITS.

(10) PROVIDE EXTERIOR CONCRETE WALKS AND CONCRETED AREAS WITH EXPANSION AND SCORED JOINTS IN PRE-APPROVED LOCATIONS. EXPANSION JOINTS SHALL BE ½" WIDE WITH EDGES TOOLED TO ¼" RAD. AND FILLED WITH HOT RUBBER ASPHALT SEALANT - PROVIDE AT ALL CORNERS, INTERSECTIONS, CHANGES IN SLOPE OR DIRECTION, AGAINST EXISTING OR NEW WALLS OR PAVEMENTS, AND AT INTERVALS NOT TO EXCEED 30'. SCORED JOINTS SHALL BE SCORED 1" DEEP MINIMUM AND RADIUSED ⅛", AND SHALL BE PLACED AT INTERVALS NOT TO EXCEED 5 FEET.

(11) GENERAL CONTRACTOR SHALL CONFIRM CASEWORK BUILT-INS AND ACCESSORIES LOCATIONS WITH OTHER PRIME CONTRACTORS TO COORDINATE INSTALLATION OF PLUMBING, MECHANICAL, AND ELECTRICAL FIXTURES.

QUALITY CONTROL:

(1) CONSTRUCT SAMPLE 4' x 4' WALL PANEL WITH INSULATION IN PLACE, SHOWING EXTERIOR BRICK AND INTERIOR BLOCK WORKMANSHIP. APPROVED PANEL WILL BE USED AS STANDARD OF QUALITY REQUIRED THROUGHOUT.

(2) COMPLETE CONSTRUCTION OF ONE EACH OF THE FOLLOWING IS REQUIRED FOR ARCHITECTS APPROVAL. APPROVED CONSTRUCTION IN EACH CASE WILL BE USED AS STANDARD OF QUALITY REQUIRED THROUGHOUT.

A. WINDOW SECTION, FITTED AND CAULKED.
B. ROOF OVERHANG WITH GUTTER.
C. ROOF COPING SECTIONS (2 WITH JOINT).
D. CLASSROOM: CARPET, RUBBER BASE, PAINTING/STAINING, CHALKBOARDS AND TACKBOARDS, CEILING.

(3) SEE SPECIFICATIONS FOR ALLOWABLE CONSTRUCTION TOLERANCES. THESE WILL BE CHECKED AND ENFORCED.

Student Capacity (per DPI)

GRADE	NO. CLASSROOMS	CAPACITY	TOTAL
PK	5	18	90
K	13	18	234
1	13	17	221
2	12	17	204
3	12	17	204
EC	2	10	20
			973

400 Unit Second Grade / Third Grade

200 Unit Kindergarten / First Grade

300 Unit Pre-K / E.C.

100 Unit Admin / Media / Multipurpose / Cafeteria

Art / Music

Media

Multipurpose

Cafeteria

Admin

NORTH

Gross Building Square Footages

100 Unit Administration:	34,560	square feet
200 Unit Classroom Wing:	41,288	square feet
300 Unit Classroom Wing:	17,920	square feet
400 Unit Classroom Wing:	38,726	square feet
500 Connectors:	3,198	square feet
Grand Total Base Plan New Construction:	135,692	square feet
600 Existing Gym:	7,905	square feet

001.1 OVERALL FLOOR PLAN
SCALE: 1" = 20'-0"

No.	Date	Revision

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HITE ASSOCIATES, P.A. — CERTIFICATE NUMBER C-418 — GREENVILLE

JAMES GRAY HITE — REGISTERED ARCHITECT 3754 — GREENVILLE

Beaufort PK-3 School
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Equipment Platform Square Footages

100 Unit Admin / Media / Multi / Cafeteria:	3,099	square feet
	393	square feet
200 Unit Classroom Wing:	5,702	square feet
300 Unit Classroom Wing:	2,282	square feet
400 Unit Classroom Wing:	5,521	square feet
Total:	16,997	square feet

400 Unit
Second Grade / Third Grade

200 Unit
Kindergarten / First Grade

300 Unit
Pre-K / E.C.

100 Unit
Admin / Media / Multipurpose / Cafeteria

NORTH

002.1 OVERALL PLATFORM PLAN
SCALE: 1" = 20'-0"

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JAMES GRAY HITE REGISTERED ARCHITECT 3754 GREENVILLE, N.C.

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NOTE: CLEANOUT TO BE OF SAME MATERIAL AS PIPE U.O.N.

003.2 TYPICAL ROOF DRAIN CLEAN-OUT DETAIL
SCALE: None

ROOF PLAN NOTES:

1) THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL VERTICAL ROOF DRAIN LEADERS AND HORIZONTAL DRAINAGE PIPING SYSTEMS TO STORM SEWER CATCH BASINS. PIPE AROUND STRUCTURE AS REQUIRED.

2) HORIZONTAL DRAINAGE PIPING BELOW GRADE SHALL BE SDR 35 PIPE. VERIFY ALL INVERT ELEVATIONS AND PIPE SLOPES PRIOR TO INSTALLATION.

3) PROVIDE CLEANOUTS AT ALL PIPING ELBOWS, AT 80' INTERVALS FOR HORIZONTAL DRAINAGE PIPES 4" TO 6" NOMINAL DIAMETER, AT 100' INTERVALS FOR HORIZONTAL DRAINAGE PIPES 8" AND ABOVE.

4) ICE AND WATER SHIELD TO BE INSTALLED OVER ENTIRE ROOF.

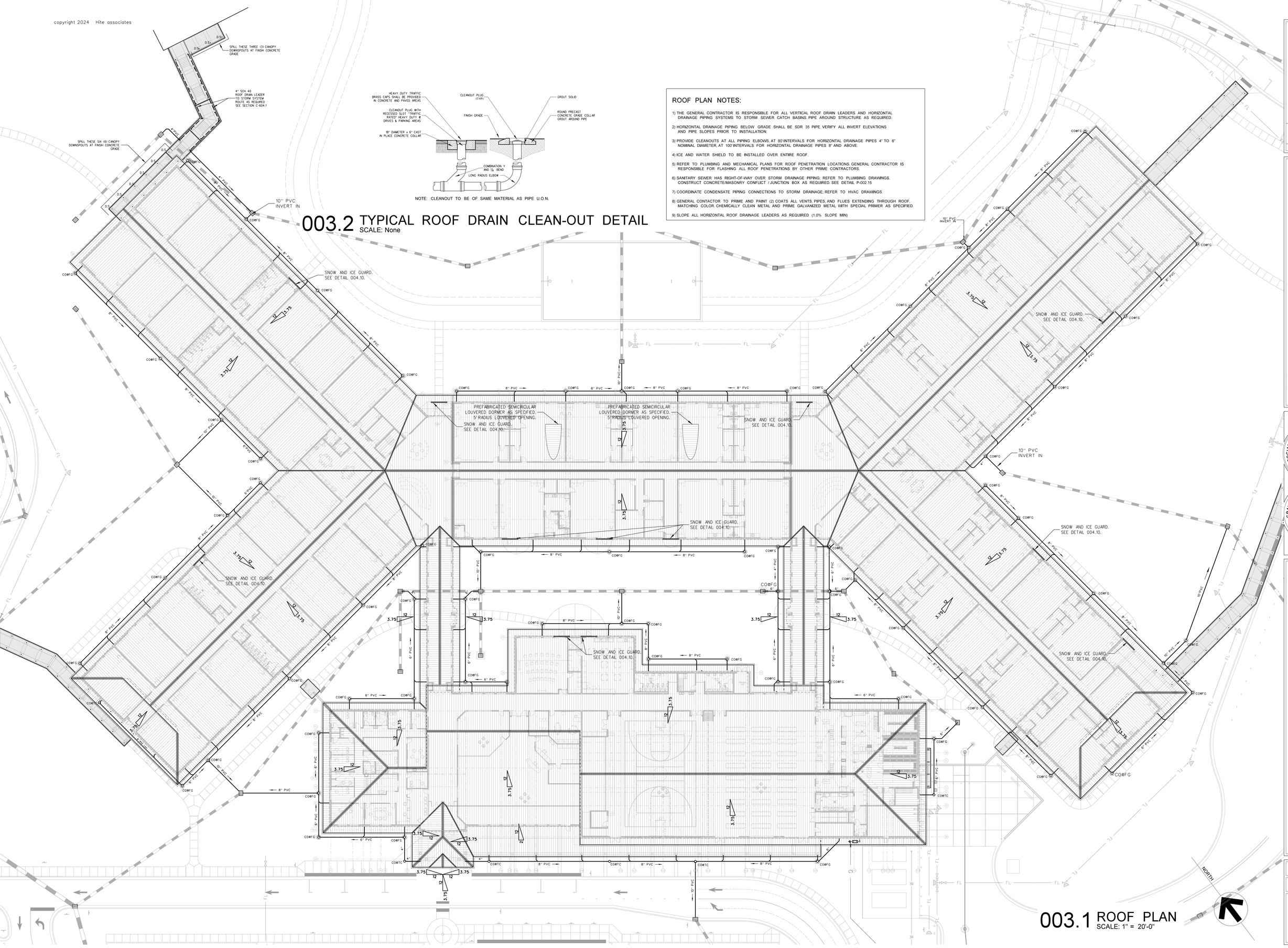
5) REFER TO PLUMBING AND MECHANICAL PLANS FOR ROOF PENETRATION LOCATIONS. GENERAL CONTRACTOR IS RESPONSIBLE FOR FLASHING ALL ROOF PENETRATIONS BY OTHER PRIME CONTRACTORS.

6) SANITARY SEWER HAS RIGHT-OF-WAY OVER STORM DRAINAGE PIPING; REFER TO PLUMBING DRAWINGS. CONSTRUCT CONCRETE/MASONRY CONFLICT / JUNCTION BOX AS REQUIRED. SEE DETAIL P-002.15

7) COORDINATE CONDENSATE PIPING CONNECTIONS TO STORM DRAINAGE; REFER TO HVAC DRAWINGS.

8) GENERAL CONTACTOR TO PRIME AND PAINT (2) COATS ALL VENTS, PIPES, AND FLUES EXTENDING THROUGH ROOF, MATCHING COLOR. CHEMICALLY CLEAN METAL AND PRIME GALVANIZED METAL WITH SPECIAL PRIMER AS SPECIFIED.

9) SLOPE ALL HORIZONTAL ROOF DRAINAGE LEADERS AS REQUIRED (1.0% SLOPE MIN)



003.1 ROOF PLAN
SCALE: 1" = 20'-0"

NORTH

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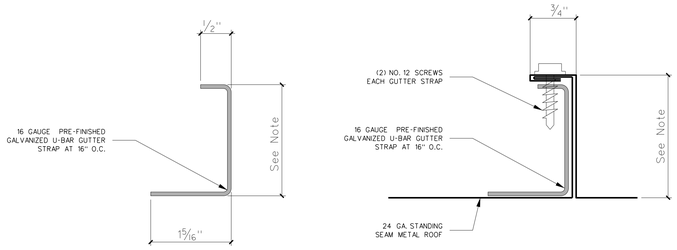
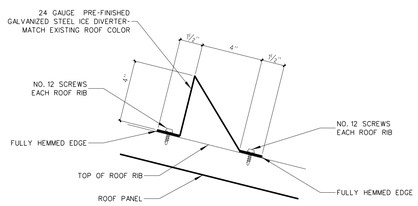
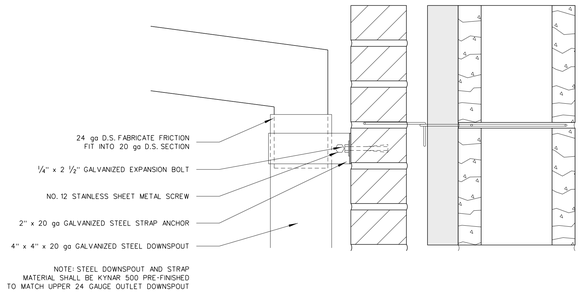


Note: Dimension based on roofing manufacturer provided.

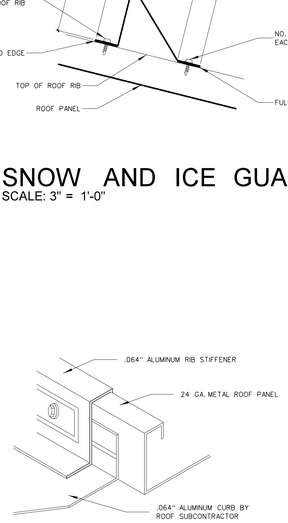
004.11 ROOF GUTTER STRAP DETAIL
SCALE: FULL



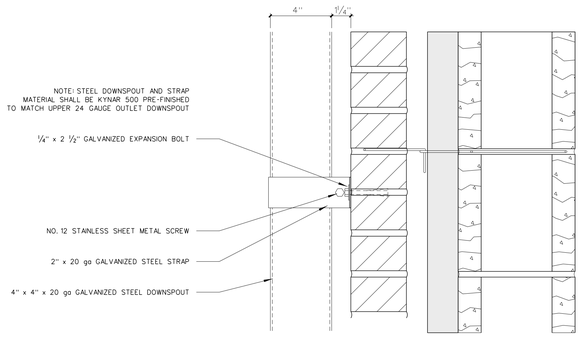
004.10 SNOW AND ICE GUARD DETAIL
SCALE: 3" = 1'-0"



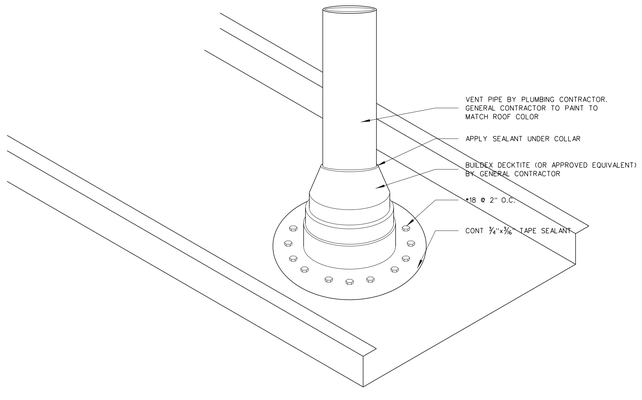
004.7 DETAIL - DOWNSPOUT @ BRICK
SCALE: 3" = 1'-0"



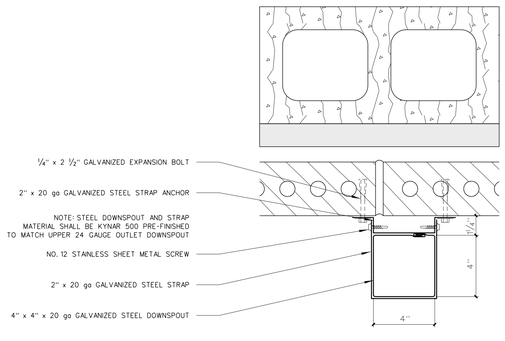
004.9 CURB FLASHING DETAIL
SCALE: NONE



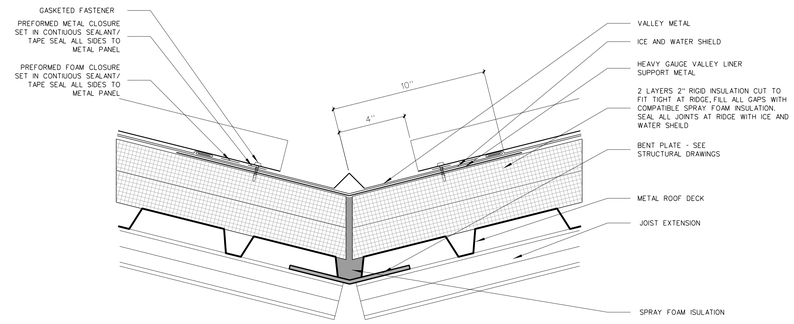
004.6 DETAIL - DOWNSPOUT @ BRICK
SCALE: 3" = 1'-0"



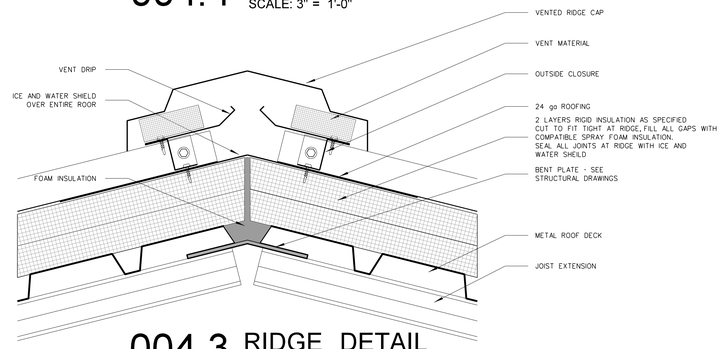
004.8 PIPE FLASHING DETAIL
SCALE: 3" = 1'-0"



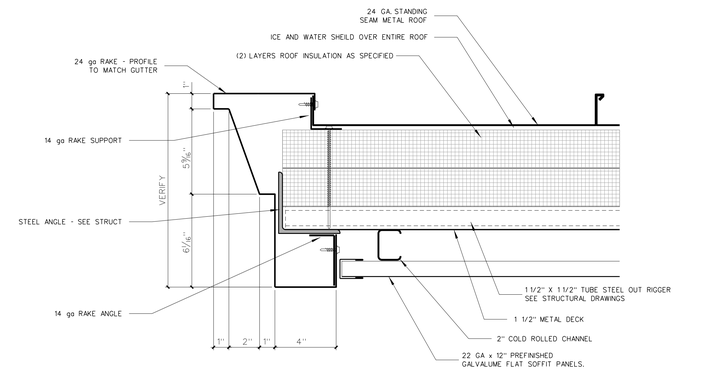
004.5 PLAN DETAIL - DOWNSPOUT @ BRICK
SCALE: 3" = 1'-0"



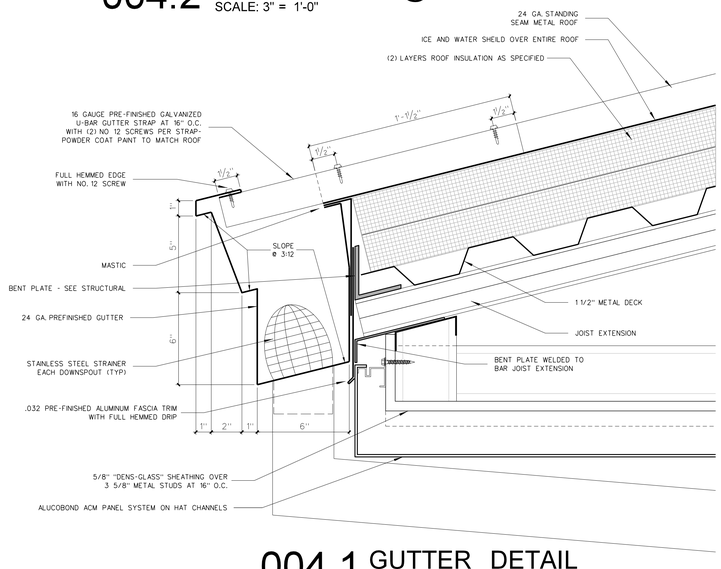
004.4 VALLEY DETAIL
SCALE: 3" = 1'-0"



004.3 RIDGE DETAIL
SCALE: 3" = 1'-0"



004.2 RAKE DETAIL @ DUTCH HIP GABLE
SCALE: 3" = 1'-0"



004.1 GUTTER DETAIL
SCALE: 3" = 1'-0"

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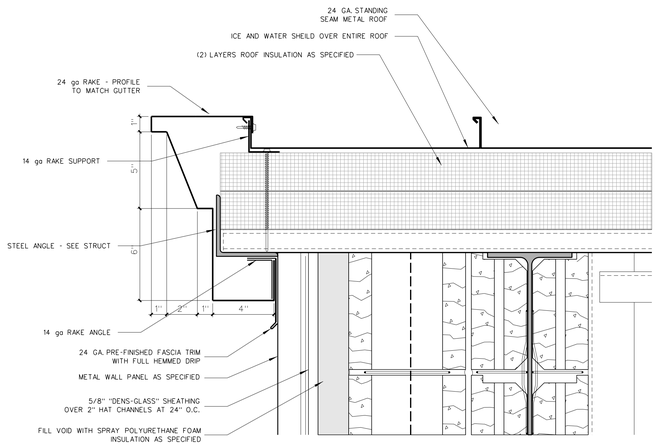
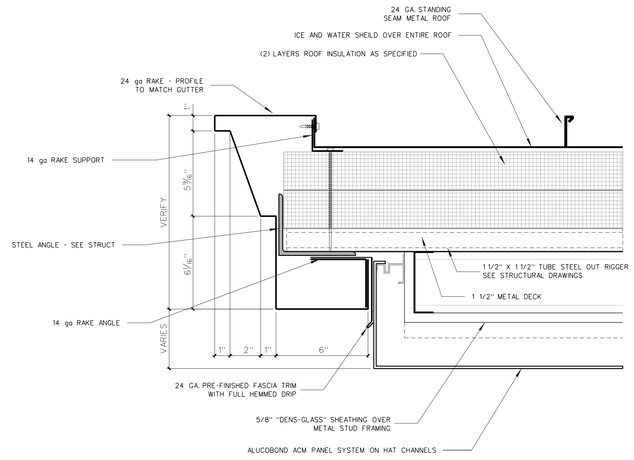
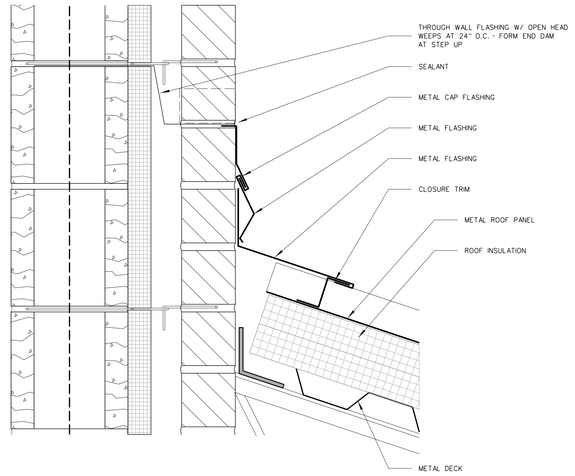


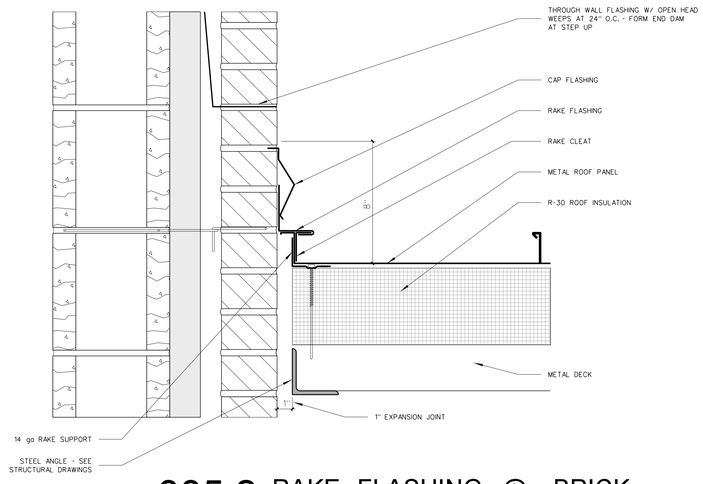
005.5 RAKE DETAIL @ METAL WALL PANEL
SCALE: 3" = 1'-0"



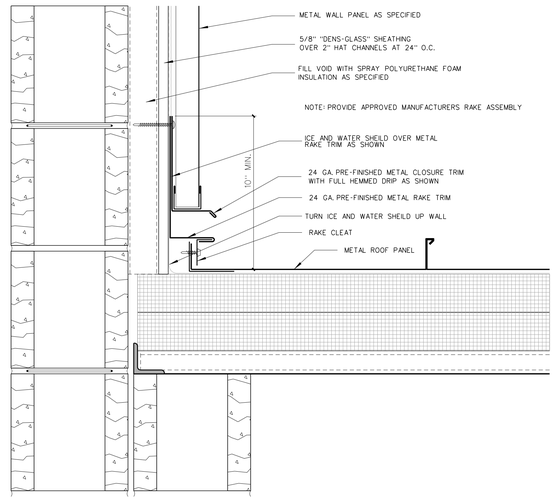
005.4 RAKE DETAIL @ ACM PANEL SOFFITS
SCALE: 3" = 1'-0"



005.3 FLASHING @ BRICK
SCALE: 3" = 1'-0"



005.2 RAKE FLASHING @ BRICK
SCALE: 3" = 1'-0"



005.1 RAKE FLASHING DETAIL
SCALE: 3" = 1'-0"

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No.	Date	Revision

HITE ASSOCIATES, P.C. ARCHITECTURAL CORPORATION GREENVILLE, N.C. REGISTERED CERTIFICATE NUMBER C-418

JAMES GRAY HITE REGISTERED ARCHITECT 3754 GREENVILLE, N.C.

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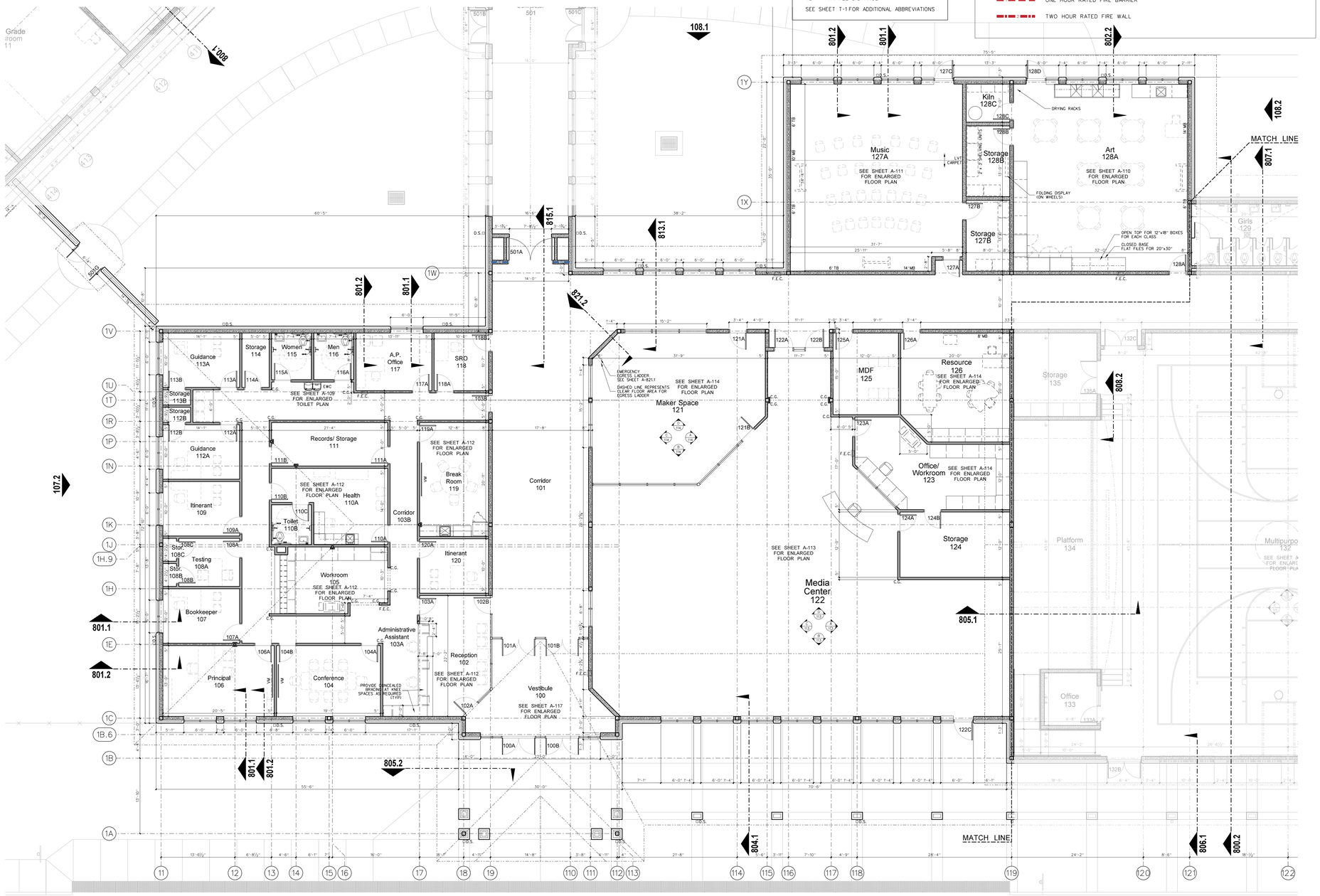
ABBREVIATIONS

CB	CHALKBOARD
MB	MARKERBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
MT	MARBLE THRESHOLD
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
E.J.	EXPANSION JOINT
TD	TRAVEL DISTANCE

SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS

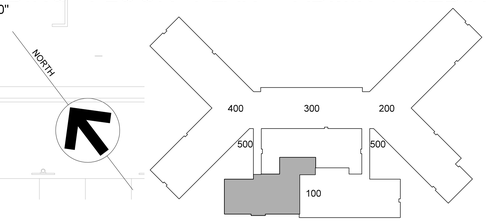
WALL LEGEND

- 8" CMU WALL
- 6 CMU WALL
- 8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 6" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 3 5/8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- SMOKE-RATED CONSTRUCTION
- ONE HOUR RATED FIRE BARRIER
- TWO HOUR RATED FIRE WALL



101.1 100 BUILDING FLOOR PLAN - ADMIN / MEDIA

SCALE: 1/8" = 1'-0"



KEY PLAN

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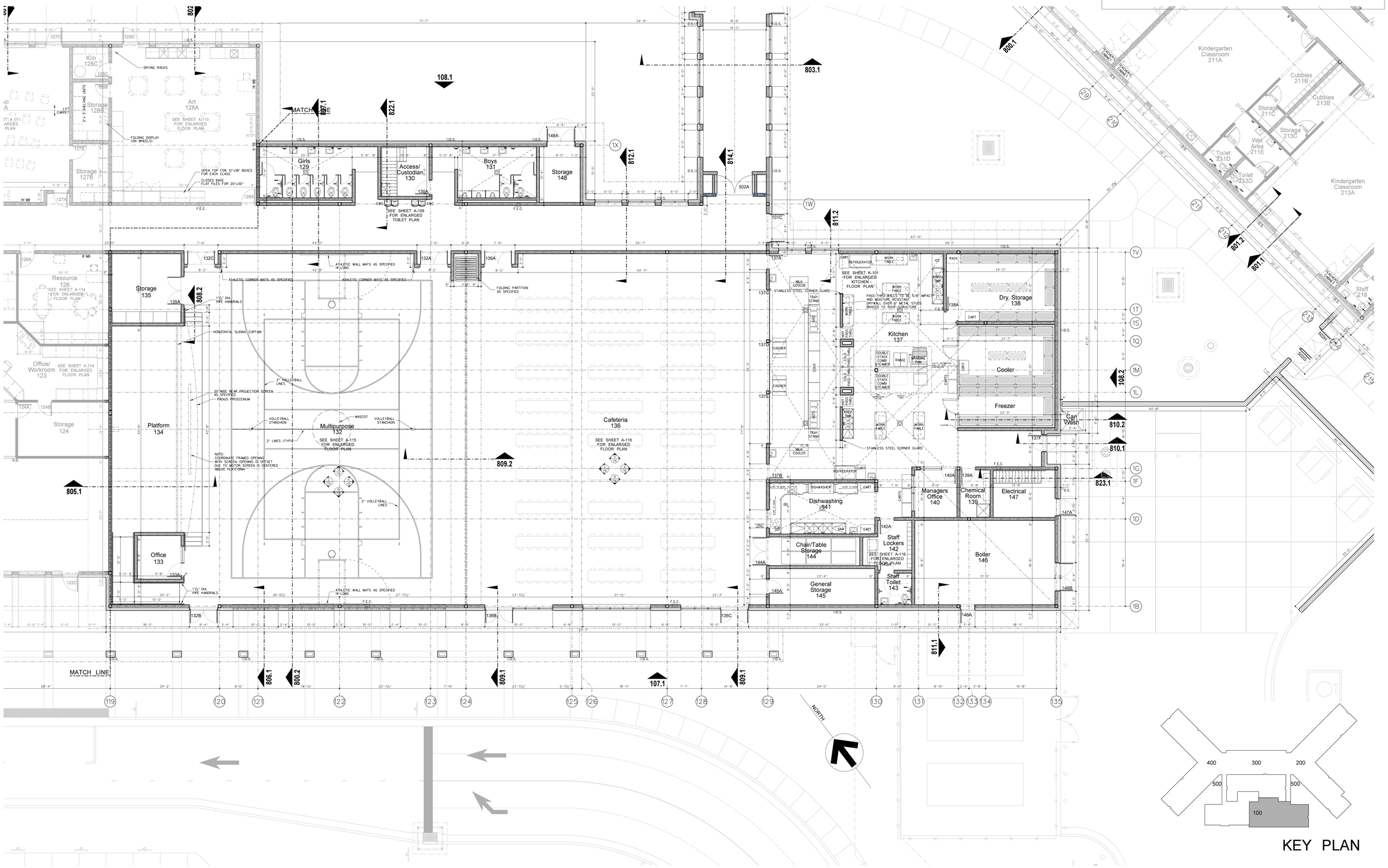
ABBREVIATIONS

CB	CHALKBOARD
MB	MARKERBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
MT	MARBLE THRESHOLD
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
E.J.	EXPANSION JOINT
TD	TRAVEL DISTANCE

SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS

WALL LEGEND

- 8" CMU WALL
- 6 CMU WALL
- 8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 6" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 3 5/8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- SMOKE-RATED CONSTRUCTION
- ONE HOUR RATED FIRE BARRIER
- TWO HOUR RATED FIRE WALL



KEY PLAN

102.1 100 BUILDING FLOOR PLAN - MULTIPURPOSE / CAFETERIA
SCALE: 1/8" = 1'-0"

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REGISTERED ARCHITECT
3754
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GENERAL NOTES FOR UTILITY PLATFORMS:

(1) GENERAL CONTRACTOR TO PROVIDE (2) COATS CLEAR GLOSS POLYURETHANE FLOOR SEALER FOLLOWING FINAL CLEAN AND APPROVAL OF ARCHITECT.

(2) CMU WALLS WHERE INDICATED SHALL BE RUN SOLID TO BOTTOM OF DECK, GROUTED SOLID TO DECK. ALL OTHER CMU WALLS, UNLESS OTHERWISE NOTED, SHALL BE RUN TO FULL BLOCK COURSE ABOVE CEILING. UNBRACED SECTIONS OF LESS-THAN-FULL-HEIGHT WALLS SHALL BE BRACED TO ROOF. SEE STRUCTURAL DRAWINGS.

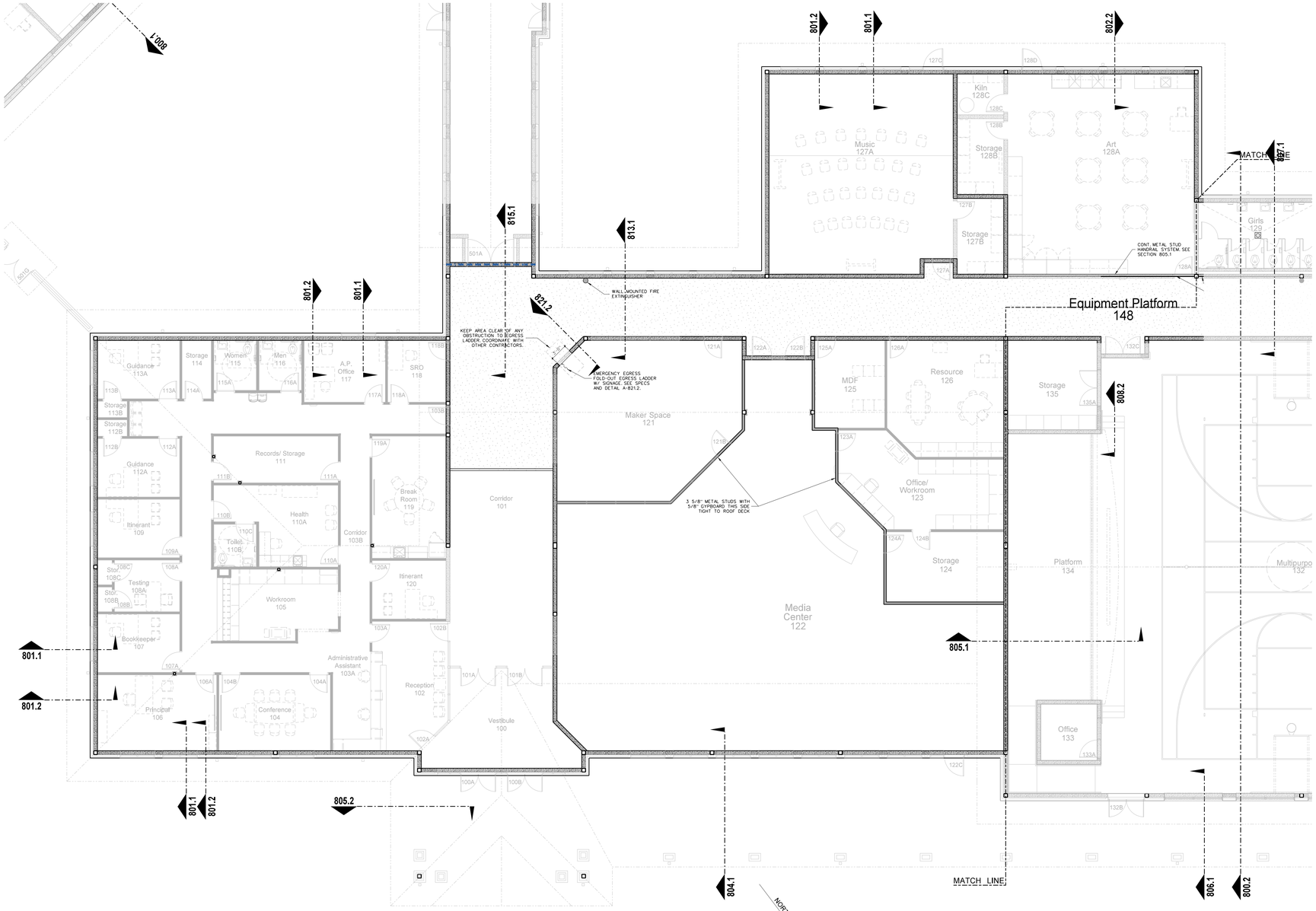
(3) CMU WALL INTERSECTIONS SHALL BE BONDED WITH HOT DIPPED GALVANIZED HARDWARE CLOTH EACH COURSE, AND PREFORMED "T" HORIZONTAL REINFORCING AS SPECIFIED AT 16" ON CENTER.

(4) PROVIDE WALL CONTROL AND EXPANSION JOINTS WHERE SHOWN AND DETAILED OR IN PRE-APPROVED, ALTERNATING LOCATIONS 32' ON CENTER MAXIMUM. PROVIDE IN ONE SIDE OF EACH OPENING IN MASONRY WALLS: BOTH SIDES IN OPENINGS WITH WIDTH EXCEEDING 5'-0". SEE DETAIL.

(5) PROVIDE WALL EXPANSION JOINTS AT POINTS AND INTERSECTIONS WHERE INDICATED, ½" WIDE, FILLED WITH EXPANSION JOINT MATERIAL AND CAULK, WITH BACKER ROD.

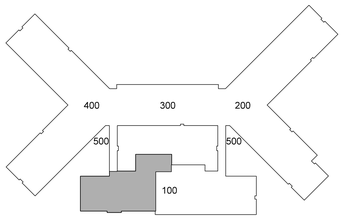
(6) ALL 45° CMU WALL BENDS SHALL BE CONSTRUCTED WITH SPECIAL PRECAST UNITS.

(7) INTERIOR CMU JOINTS SHALL BE TOOLED CONCAVE.



103.1 100 BUILDING PLATFORM PLAN

SCALE: 1/8" = 1'-0"



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GENERAL NOTES FOR UTILITY PLATFORMS:

(1) GENERAL CONTRACTOR TO PROVIDE (2) COATS CLEAR GLOSS POLYURETHANE FLOOR SEALER FOLLOWING FINAL CLEAN AND APPROVAL OF ARCHITECT.

(2) CMU WALLS WHERE INDICATED SHALL BE RUN SOLID TO BOTTOM OF DECK, GROUTED SOLID TO DECK. ALL OTHER CMU WALLS, UNLESS OTHERWISE NOTED, SHALL BE RUN TO FULL BLOCK COURSE ABOVE CEILING. UNBRACED SECTIONS OF LESS-THAN-FULL-HEIGHT WALLS SHALL BE BRACED TO ROOF. SEE STRUCTURAL DRAWINGS.

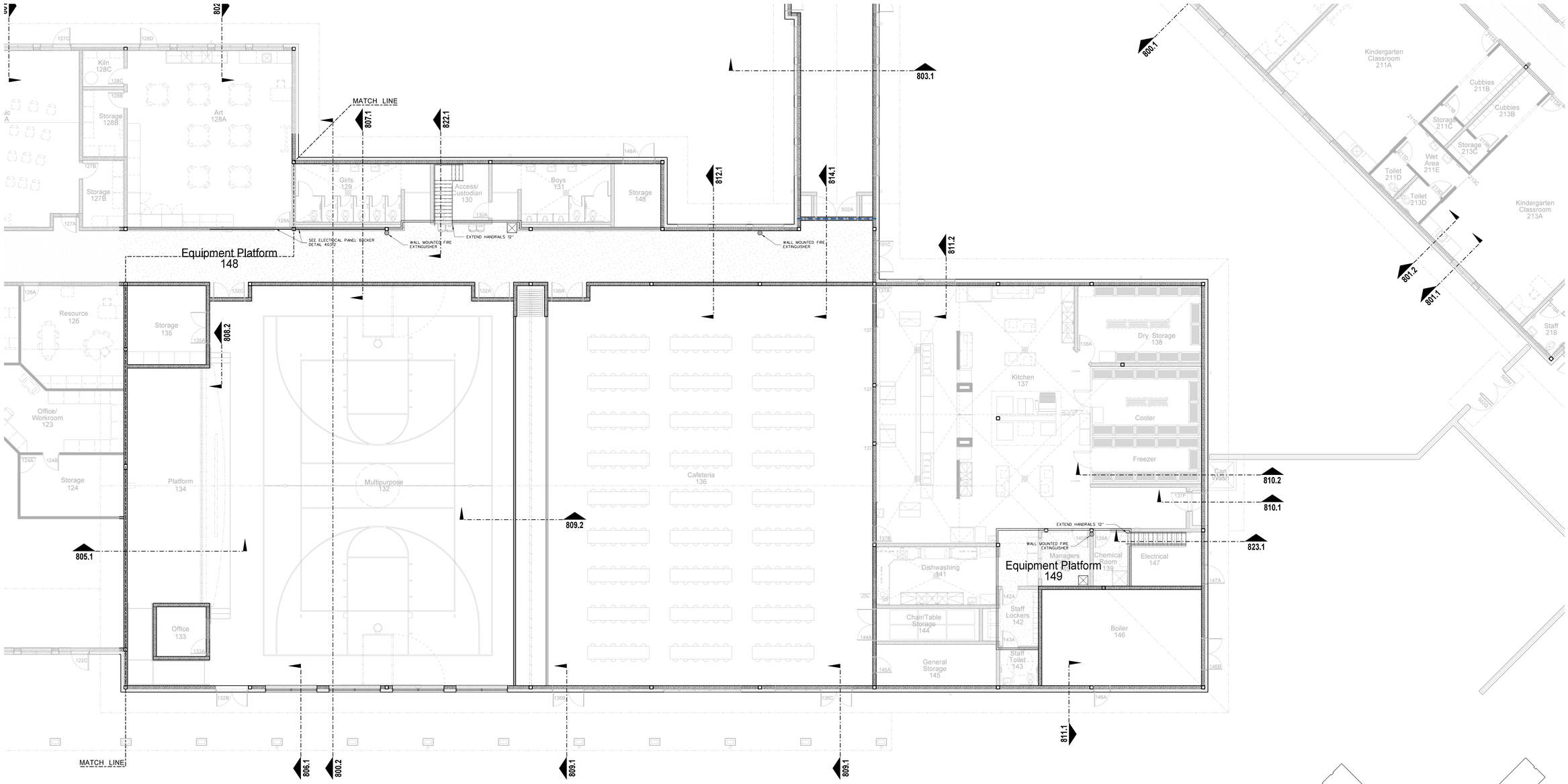
(3) CMU WALL INTERSECTIONS SHALL BE BONDED WITH HOT DIPPED GALVANIZED HARDWARE CLOTH EACH COURSE, AND PREFORMED "T" HORIZONTAL REINFORCING AS SPECIFIED AT 16" ON CENTER.

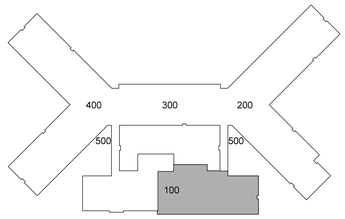
(4) PROVIDE WALL CONTROL AND EXPANSION JOINTS WHERE SHOWN AND DETAILED OR IN PRE-APPROVED, ALTERNATING LOCATIONS 32' ON CENTER MAXIMUM. PROVIDE IN ONE SIDE OF EACH OPENING IN MASONRY WALLS: BOTH SIDES IN OPENINGS WITH WIDTH EXCEEDING 3'-0". SEE DETAIL.

(5) PROVIDE WALL EXPANSION JOINTS AT POINTS AND INTERSECTIONS WHERE INDICATED, 7/8" WIDE, FILLED WITH EXPANSION JOINT MATERIAL AND CAULK, WITH BACKER ROD.

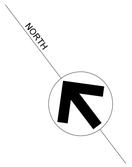
(6) ALL 45° CMU WALL BENDS SHALL BE CONSTRUCTED WITH SPECIAL PRECAST UNITS.

(7) INTERIOR CMU JOINTS SHALL BE TOOLED CONCAVE.





KEY PLAN



104.1 100 BUILDING PLATFORM PLAN
SCALE: 1/8" = 1'-0"

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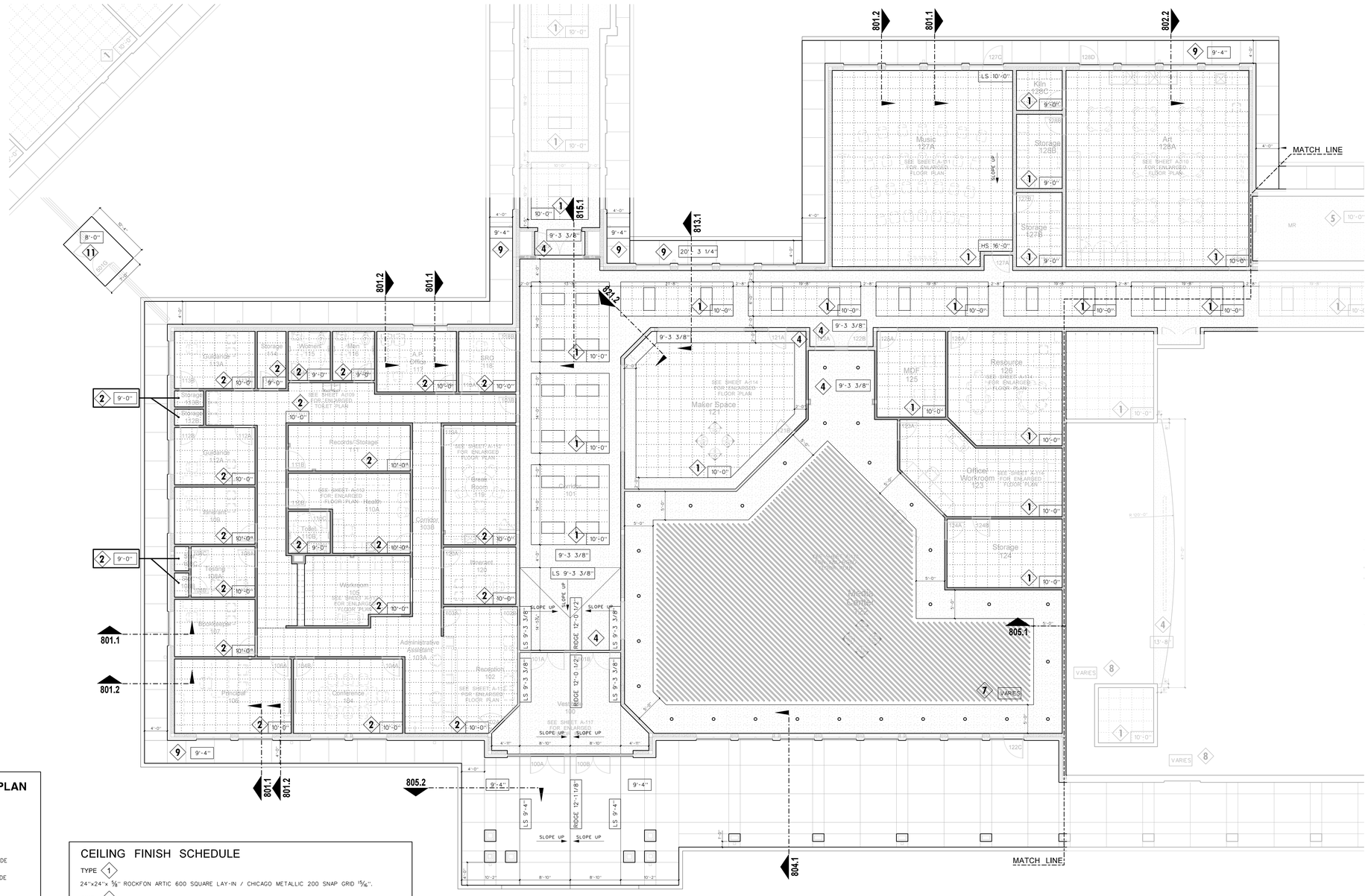
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MDF
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Records/Storage
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CEILING FINISH SCHEDULE

TYPE 1
24"x24"x 5/8" ROCKFON ARTIC 600 SQUARE LAY-IN / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 2
24"x24"x 5/8" ROCKFON ARTIC 600 SQUARE TEGULAR / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 3
24"x24"x 1/2" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL PRELUDE PLUS GRID.

TYPE 4
5/8" GYPSUM BOARD ON METAL STUD FRAMING AT 24" O.C.

TYPE 5
5/8" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM

TYPE 6
5/8" FIRECODE GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM.
SMOKE RESISTANT CONSTRUCTION.

TYPE 7
ARMSTRONG FELTWORKS EBBS AND FLOWS LOUVERED CEILING SYSTEM @ 8" O.C.
PAINT WALLS AND EXPOSED STRUCTURE ABOVE BLACK.

TYPE 8
EXPOSED STRUCTURE (ACOUSTICAL SPRAY MATERIAL AS NOTED)

TYPE 9
ALUCOBOND ACM PANEL SYSTEM ON HAT CHANNELS / FRAMING SYSTEM

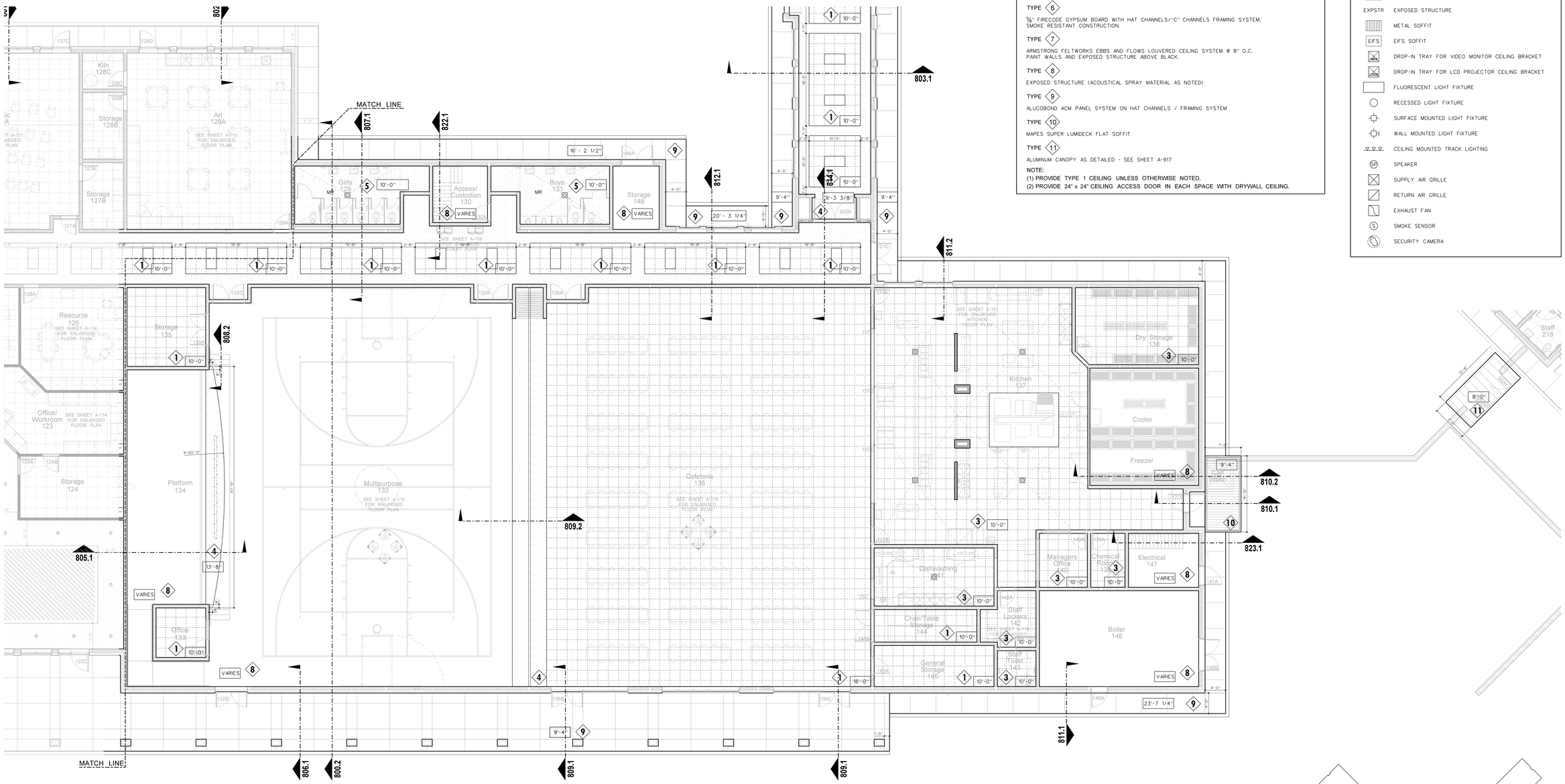
TYPE 10
MAPES SUPER LUMIDECK FLAT SOFFIT

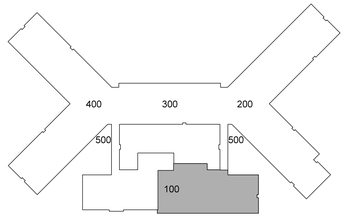
TYPE 11
ALUMINUM CANOPY AS DETAILED - SEE SHEET A-917

NOTE:
(1) PROVIDE TYPE 1 CEILING UNLESS OTHERWISE NOTED.
(2) PROVIDE 24" x 24" CEILING ACCESS DOOR IN EACH SPACE WITH DRYWALL CEILING.

LEGEND - REFLECTED CEILING PLAN

- 2 — CEILING TYPE - SEE CEILING FINISH SCHEDULE
- XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR
- SLOPED CEILING
- LS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - LOW SIDE
- HS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - HIGH SIDE
- 2 x 2 ACOUSTICAL TILE AND GRID
- GYPBOARD CEILING
- MR — MOISTURE RESISTANT GYPBOARD CEILING
- EXPSTR — EXPOSED STRUCTURE
- METAL SOFFIT
- EIFS — EIFS SOFFIT
- VMON — DROP-IN TRAY FOR VIDEO MONITOR CEILING BRACKET
- LCDN — DROP-IN TRAY FOR LCD PROJECTOR CEILING BRACKET
- FLUORESCENT LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CEILING MOUNTED TRACK LIGHTING
- SP — SPEAKER
- SUPPLY AIR GRILLE
- RETURN AIR GRILLE
- EXHAUST FAN
- S — SMOKE SENSOR
- SECURITY CAMERA





KEY PLAN

NORTH

106.1 100 BUILDING REFLECTED CEILING PLAN - MULTIPURPOSE / CAFETERIA

SCALE: 1/8" = 1'-0"

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

No.	Date	Revision

JAMES GRAY HITE REGISTERED ARCHITECT 3753 GREENVILLE

HITE ASSOCIATES, P.C. ARCHITECTURAL CORPORATION GREENVILLE CERTIFICATE NUMBER C-418 REGISTERED

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No: 22344
Date: 1 July 2024
Drawing no. A 106

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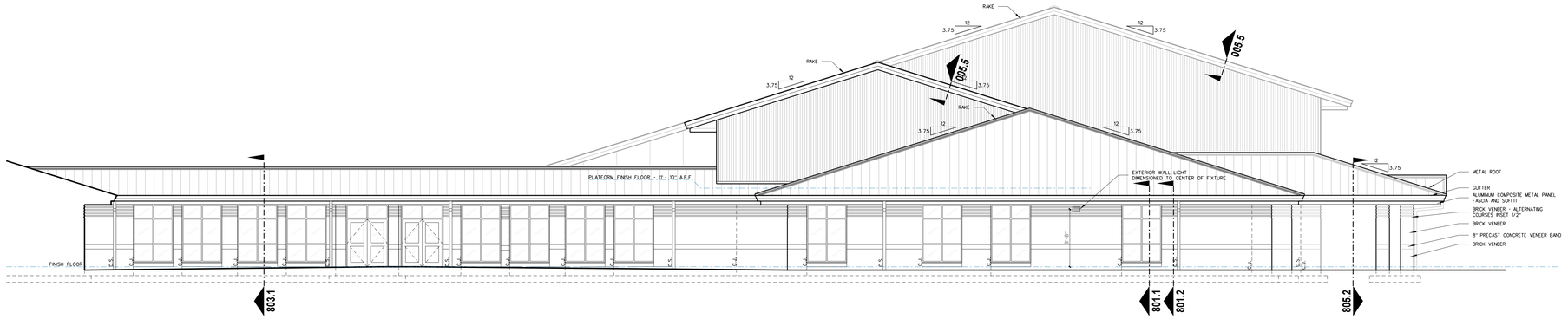
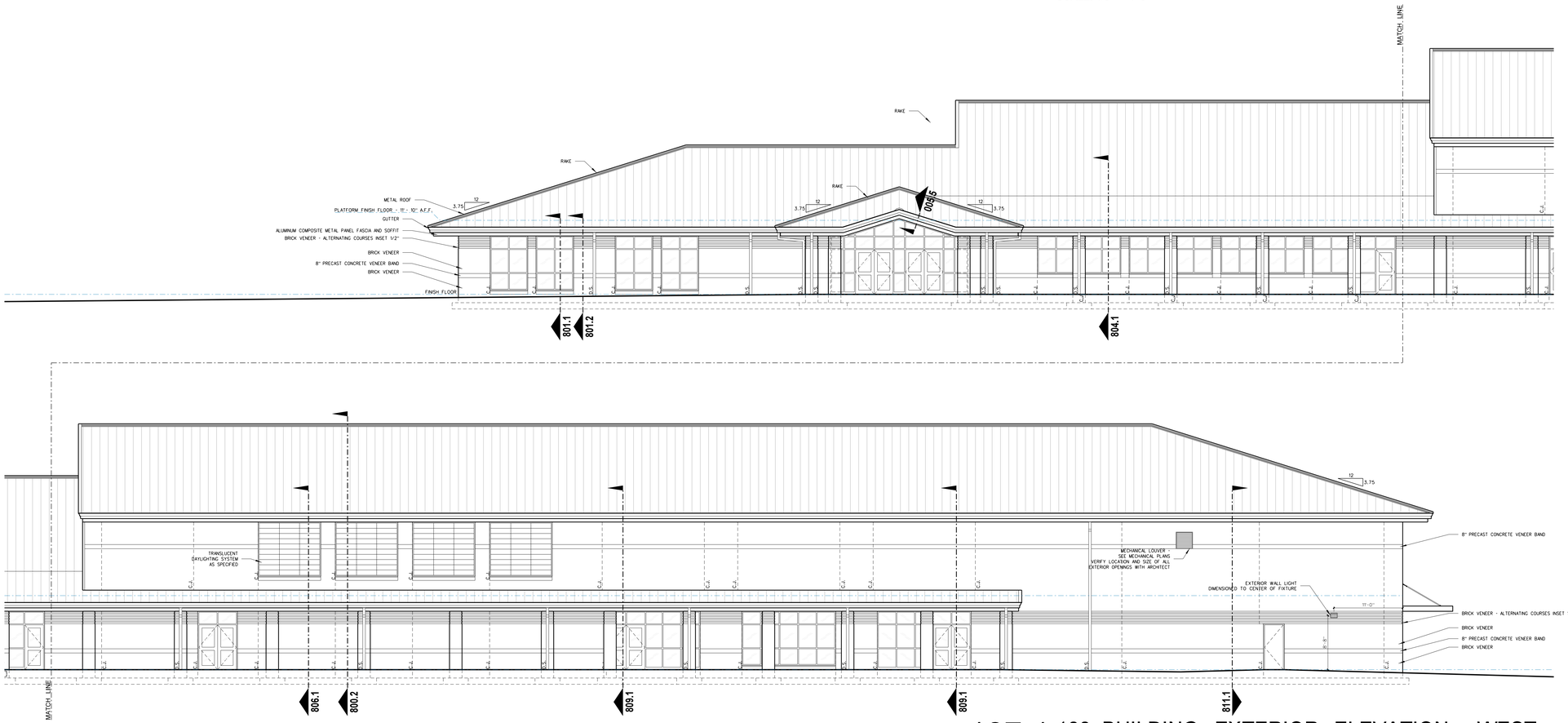
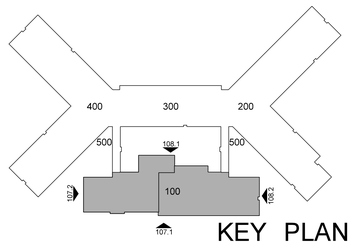


107.2 100 BUILDING EXTERIOR ELEVATION - NORTH
SCALE: 1/8" = 1'-0"



107.1 100 BUILDING EXTERIOR ELEVATION - WEST
SCALE: 1/8" = 1'-0"



KEY PLAN

No.	Date	Revision

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2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C.
ARCHITECTURAL CORPORATION
CERTIFICATE NUMBER 418
REGISTERED ARCHITECTURAL CORPORATION
STATE OF NORTH CAROLINA
GREENVILLE

JAMES GRAY HITE
REGISTERED ARCHITECT
3754
STATE OF NORTH CAROLINA
GREENVILLE

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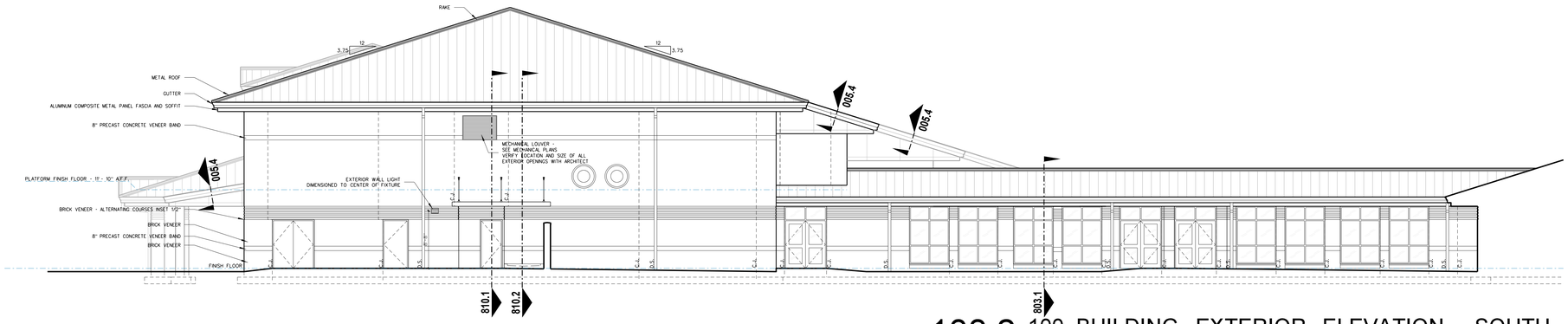
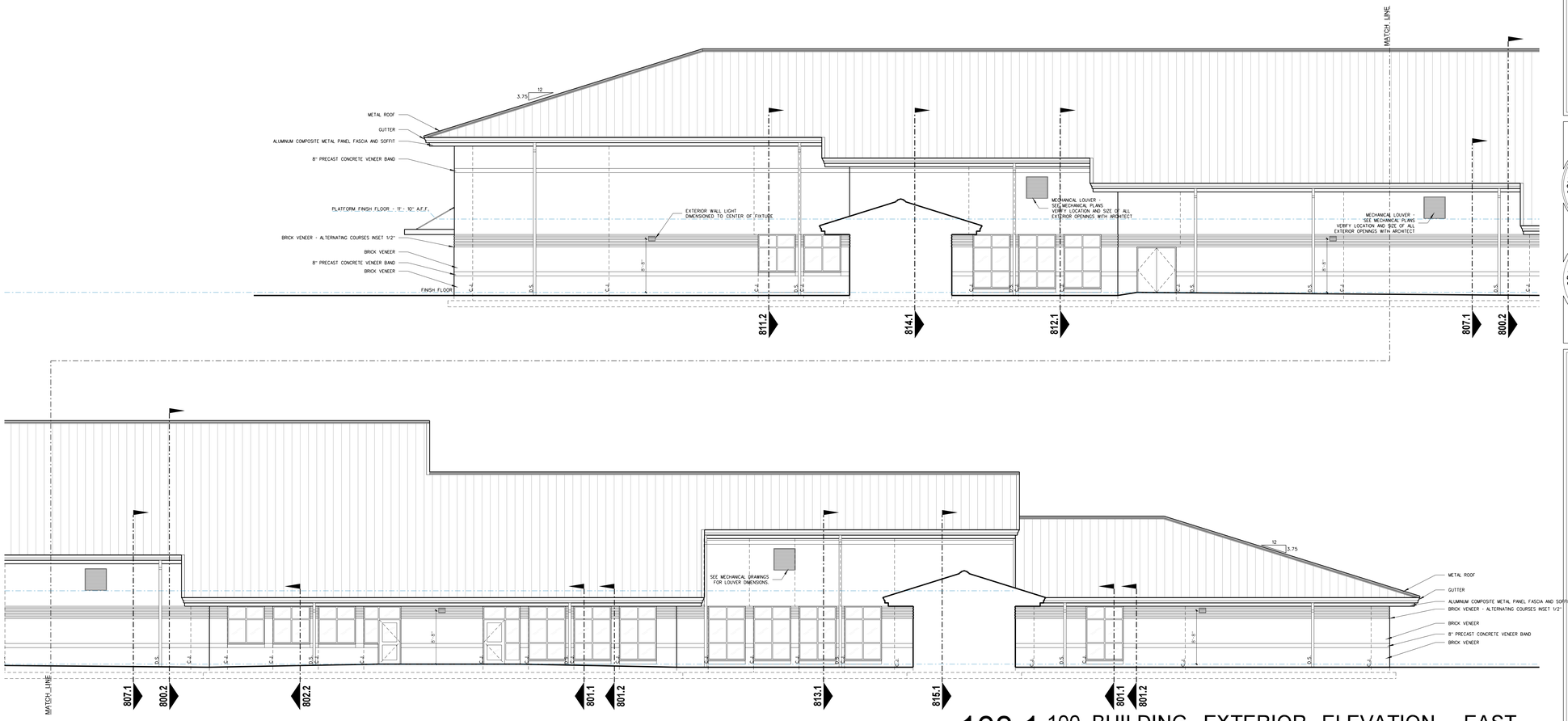


108.2 100 BUILDING EXTERIOR ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"



108.1 100 BUILDING EXTERIOR ELEVATION - EAST
SCALE: 1/8" = 1'-0"

KEY PLAN

No.	Date	Revision

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ARCHITECTURE / PLANNING / TECHNOLOGY
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HITE ASSOCIATES, P.C. ARCHITECTURAL CORPORATION CERTIFICATE NUMBER 418 REGISTERED PROFESSIONAL ENGINEER STATE OF NORTH CAROLINA GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

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TOILET ACCESSORY SCHEDULE

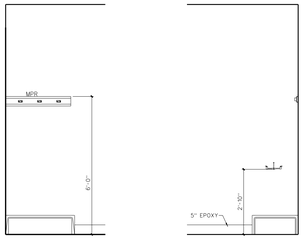
MARK	MODEL	DESCRIPTION	HEIGHT A.F.F.		NUMBER	REMARKS
			STAFF	STUDENT	REQUIRED	
SD	BY OWNER	SOAP DISPENSER	40"	36"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
PTD	BY OWNER	PAPER TOWEL DISPENSER	40"	36"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH1	BY OWNER	TOILET PAPER HOLDER	19"	19"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH2	BOBRICK B-2740	2-ROLL TOILET TISSUE DISPENSER	19" BOTTOM	19" BOTTOM	AS PER PLAN	BLACK TRANSLUCENT
SND	BOBRICK B-254	SANITARY NAPKIN DISPOSAL	19" BOTTOM	NA	AS PER PLAN	BY OWNER - GC TO INSTALL
MR36	BOBRICK 165-1836	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	AS PER PLAN	
MR60	BOBRICK 165-2460	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	AS PER PLAN	
MR-C	CUSTOM	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	SEE ELEV. AS PER PLAN	
GB18	BOBRICK 6806-18	18" GRAB BAR	34"	27"	AS PER PLAN	
GBV18	BOBRICK 6806-18	18" VERTICAL GRAB BAR	40"BOTTOM	30"BOTTOM	AS PER PLAN	
GB30	BOBRICK 6806-30	30" GRAB BAR	34"	27"	AS PER PLAN	
GB36	BOBRICK 6806-36	36" GRAB BAR	34"	27"	AS PER PLAN	
GB42	BOBRICK 6806-42	42" GRAB BAR	34"	27"	AS PER PLAN	
GB48	BOBRICK 6806-48	48" GRAB BAR	34"	27"	AS PER PLAN	ONE EACH H/C SHOWER
GB6861	BOBRICK 6861	TWO WALL GRAB BAR	34"	27"	AS PER PLAN	
FSS-1 (L/R)	BOBRICK 5181	FOLDING SHOWER SEAT	18"	18"	AS PER PLAN	
SSCR	BOBRICK 6047	SHOWER CURTAIN ROD	72"	72"	ONE EACH SHOWER	PROVIDE VINYL SHOWER CURTAIN BOBRICK 204-2/204-3 W/ HOOKS
SDH	BOBRICK 4390	RECESSED SOAP DISH	48"/34"HC	34"	AS PER PLAN	
DRH	BOBRICK 7672	DOUBLE ROBE HOOK	72"/48"HC	48"	ONE EACH SHOWER	
MPR	BOBRICK 239x34	MOP RACK	72"	NA	ONE EACH CUSTODIAN ROOM	PLACE OVER MOP SINK
SSWS		STAINLESS STEEL WALL SHIELD			AS PER PLAN	16 GA. TYPE 304 STAINLESS STEEL

PROVIDE SOLID 2x BLOCKING AS REQUIRED FOR TOILET ACCESSORIES AND DOOR STOPS * ACCESSORIES BY G.C. UNLESS OTHERWISE NOTED

FIXTURE MOUNTING HEIGHT

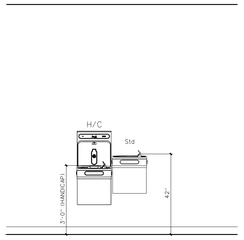
DESCRIPTION		HEIGHT A.F.F.		NUMBER	REMARKS
		STAFF	STUDENT	REQUIRED	
LAVATORY		34"	31"	AS PER PLAN	MOUNTING HT. TO RIM
URINAL		22"/17"HC	22"/17"HC	AS PER PLAN	MOUNTING HT. TO RIM
WATER CLOSET				AS PER PLAN	SEE PLUMBING DRAWINGS
ELECTRIC WATER COOLER		40"/36"HC	36"	AS PER PLAN	MOUNTING HT. TO SPOUT

NOTE: SEE CLASSROOM INTERIOR ELEVATIONS FOR CLASSROOM FIXTURE MOUNTING HEIGHTS

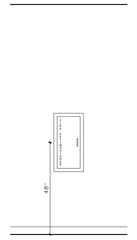


B CUSTODIAN TYP.

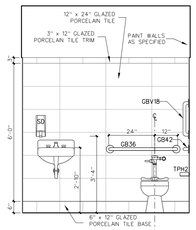
A CUSTODIAN TYP.



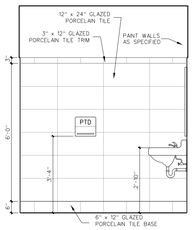
A WATER COOLER TYP.



A F.E.C. TYP.



C TOILET 115 & 116



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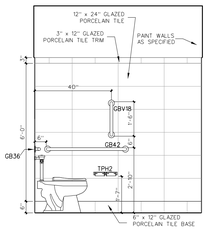
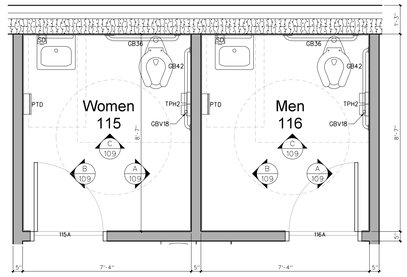
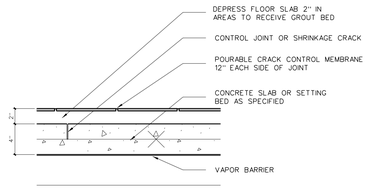
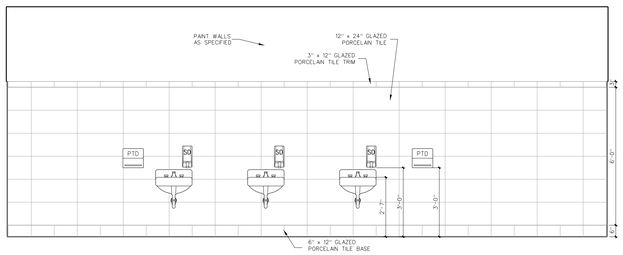


A TOILET 115 & 116

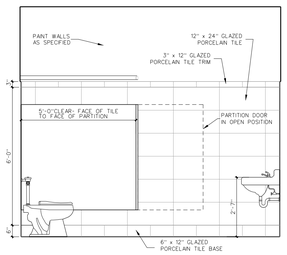




DETAIL @ CONTROL JOINT



D GIRLS 129



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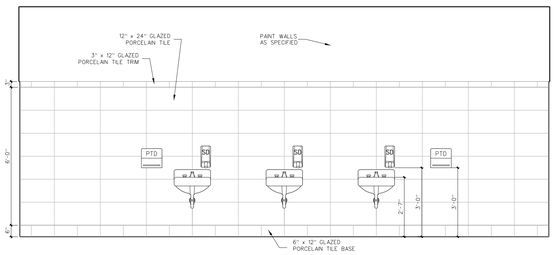
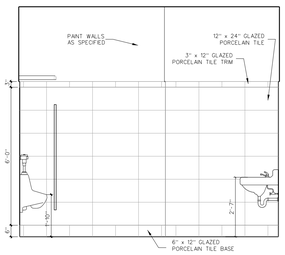
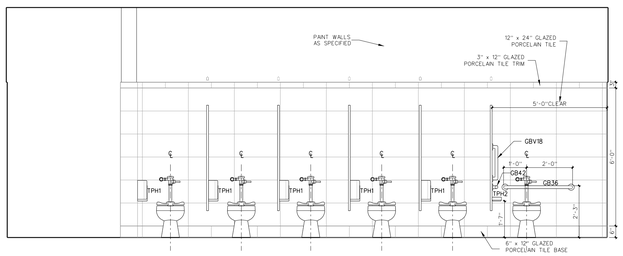


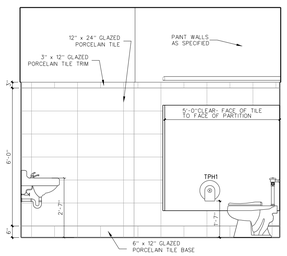
D BOYS 131



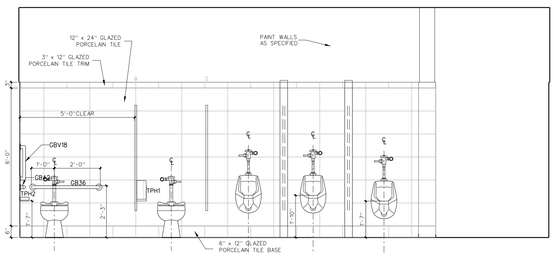
C BOYS 131



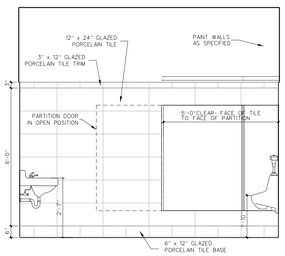
B GIRLS 129



A GIRLS 129

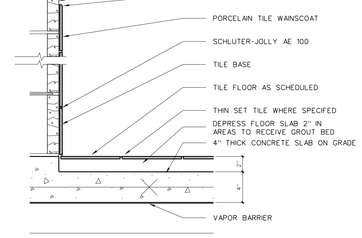


B BOYS 131



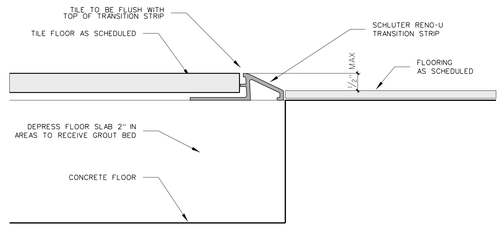
A BOYS 131

109.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"

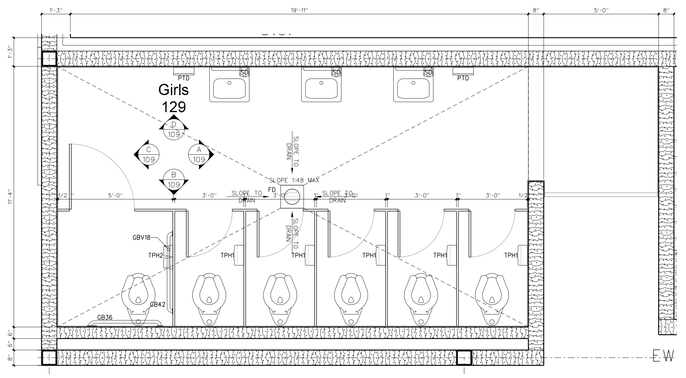


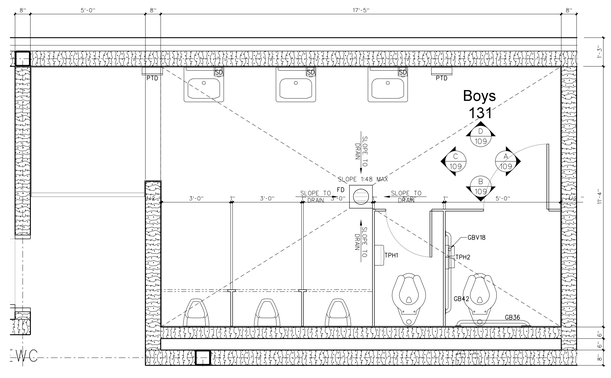
BASE / WAINSCOT DETAIL @ GROUT BED

109.4 TILE DETAILS
SCALE: 1 1/2" = 1'-0"



109.3 THRESHOLD DETAIL
SCALE: FULL





109.1 ENLARGED TOILET
SCALE: 3/8" = 1'-0"

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

No.	Date	Revision

HITE ASSOCIATES, P.C. CERTIFICATE OF AUTHORIZATION NUMBER C-0178 REGISTERED ARCHITECTURAL CORPORATION GREENVILLE, NC

JAMES GRAY HITE REGISTERED ARCHITECT 3753 GREENVILLE, NC

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 109

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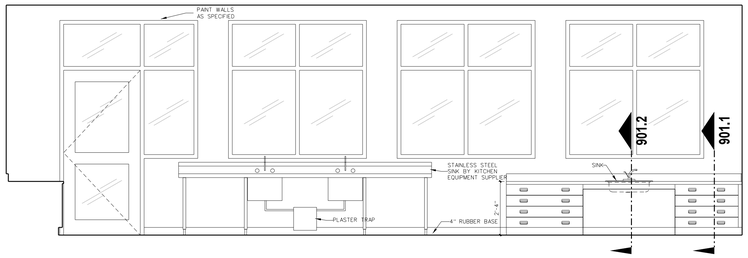
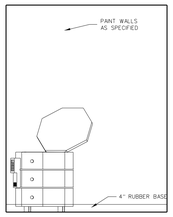
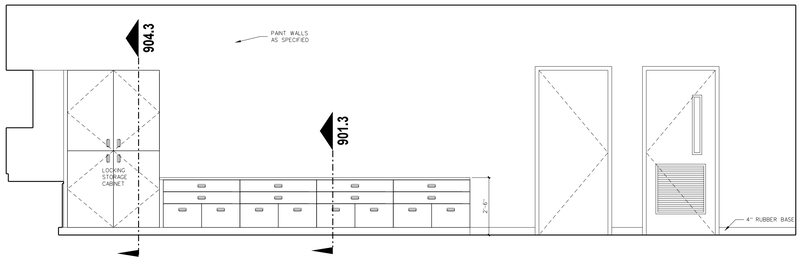


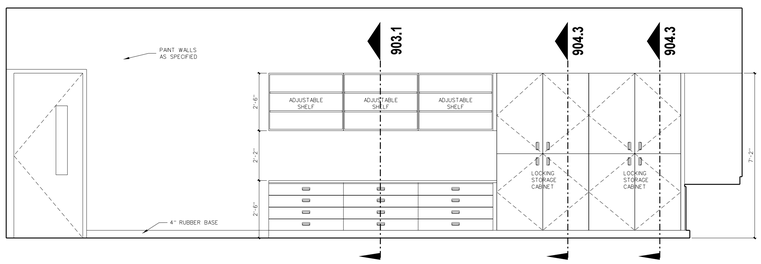
D ART 128A



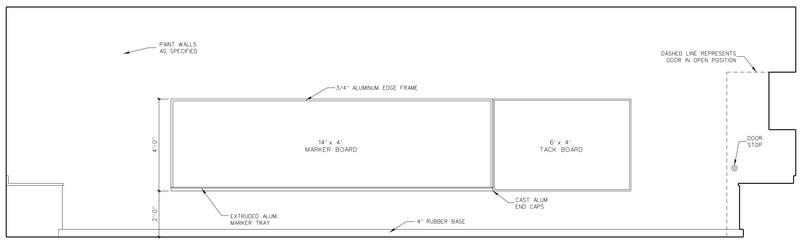
A KILN 128C



C ART 128A

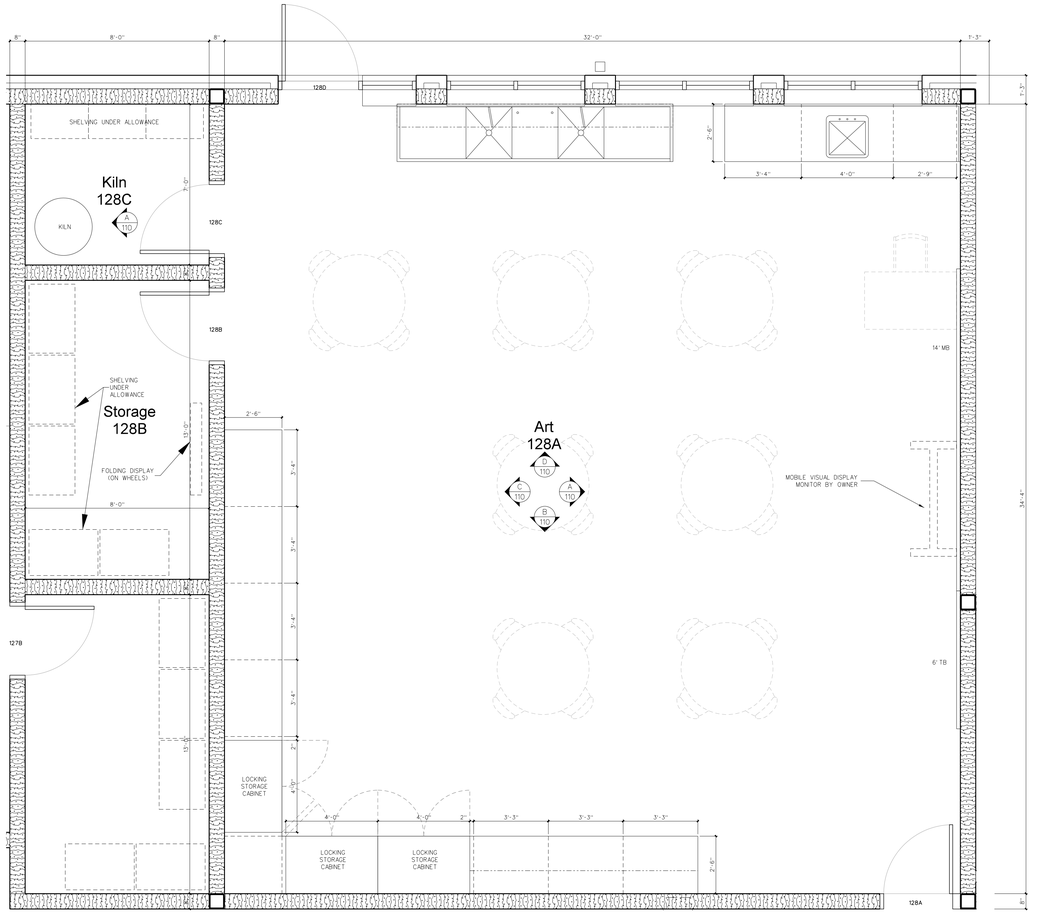


B ART 128A



A ART 128A

110.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



110.1 ENLARGED ART CLASSROOM
SCALE: 3/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. CORPORATION NUMBER C0702 ELECTRONIC SEAL CERTIFICATE NUMBER 4118 GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3753 GREENVILLE

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Date: 1 July 2024
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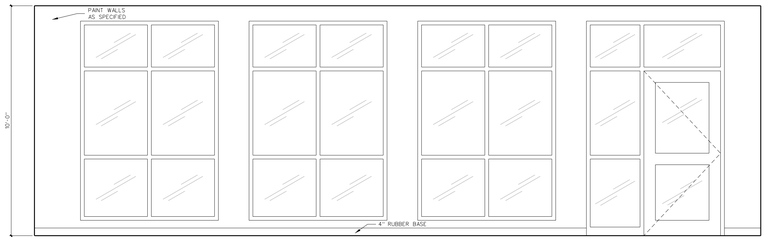
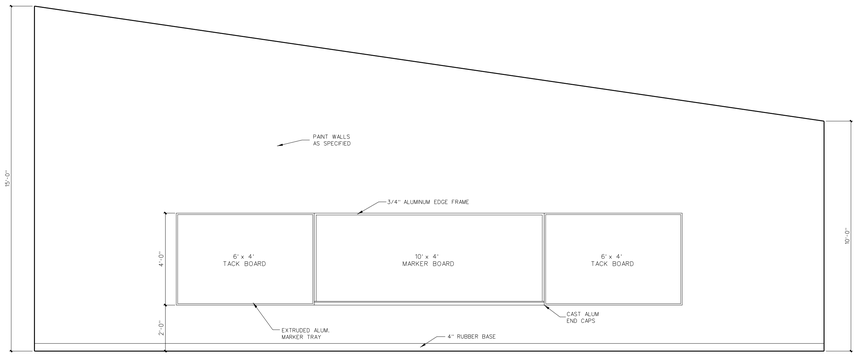
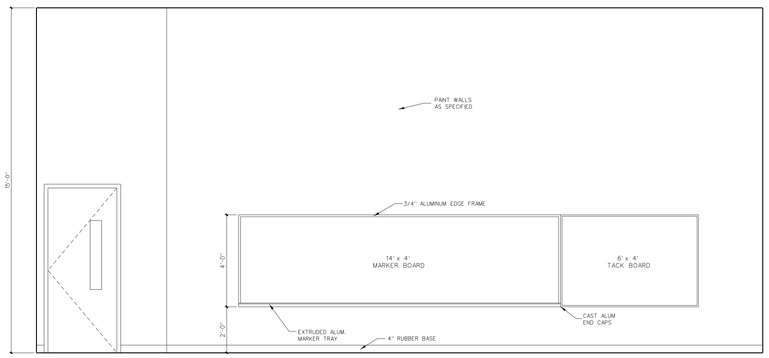


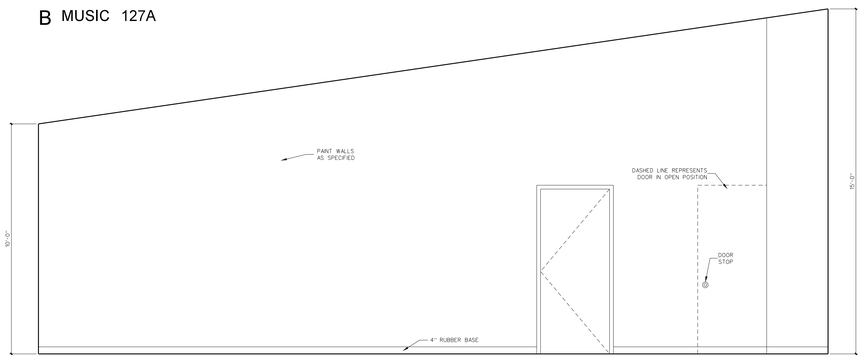
D MUSIC 127A



C MUSIC 127A

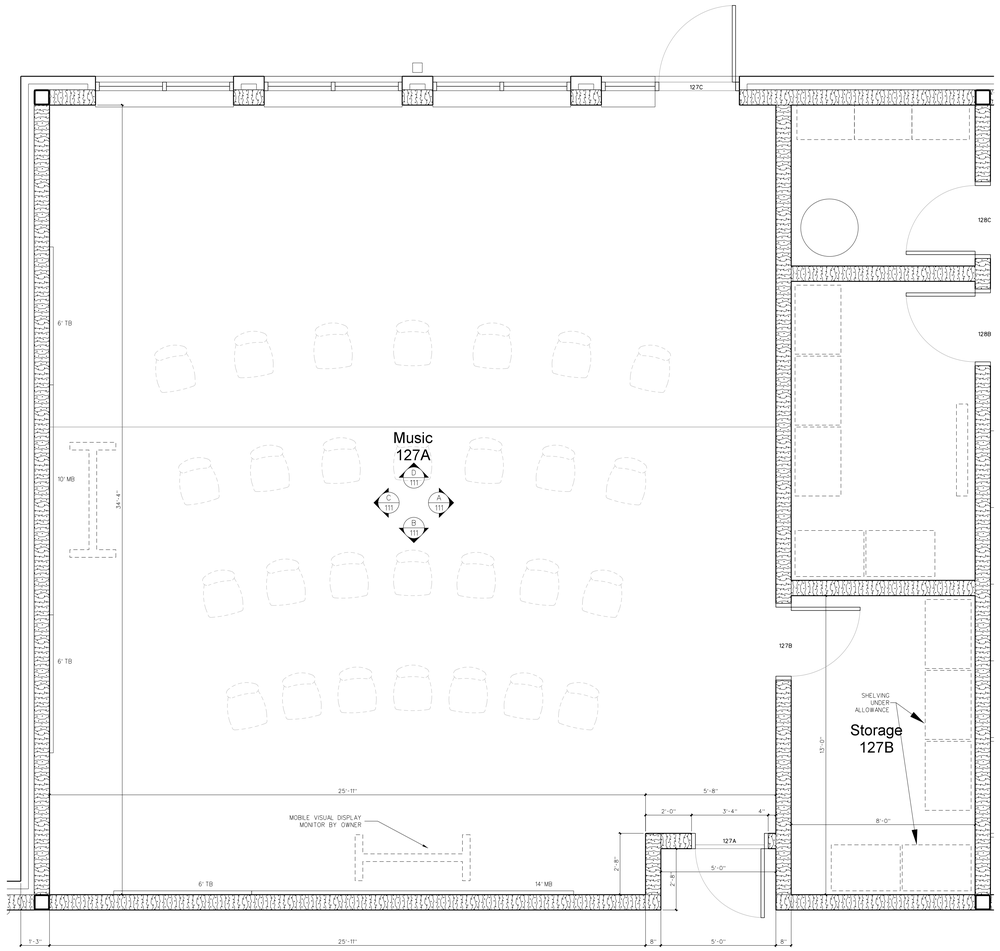


B MUSIC 127A



A MUSIC 127A

111.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



111.1 ENLARGED MUSIC CLASSROOM
SCALE: 3/8" = 1'-0"

No.	Date	Revision

Hite associates
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2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C.
ARCHITECTURAL CORPORATION
CERTIFICATE NUMBER C-418
REGISTERED
GREENVILLE, N.C.

JAMES GRAY HITE
REGISTERED
ARCHITECT
3754
GREENVILLE, N.C.

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
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Project No. 22344
Date: 1 July 2024
Drawing no. A 111

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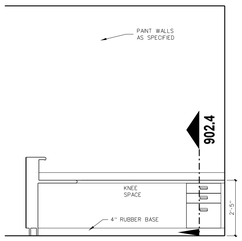
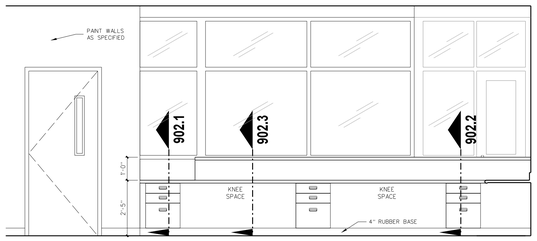
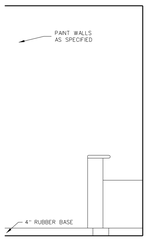


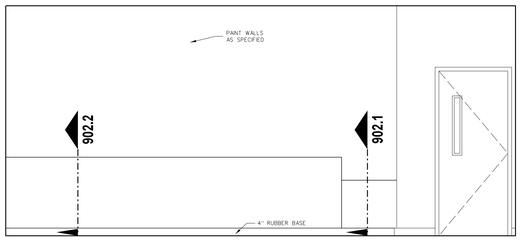
B ADM. ASSISTANT 103



A ADMINISTRATIVE ASSISTANT 103

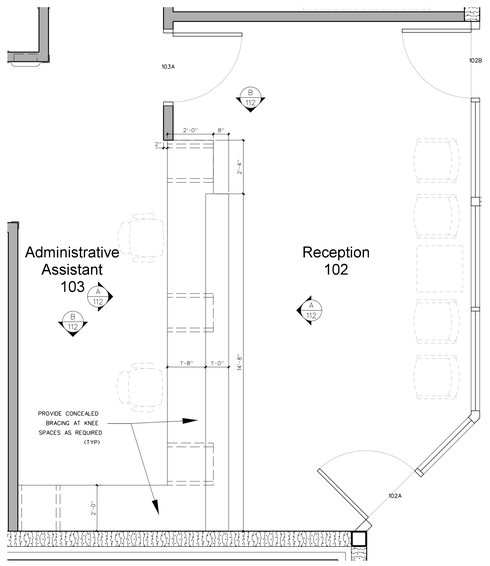


B RECEPTION 102

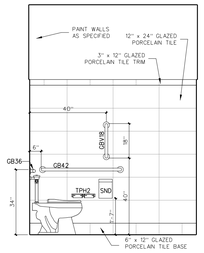


A RECEPTION 102

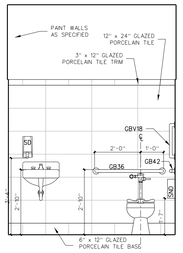
112.4 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



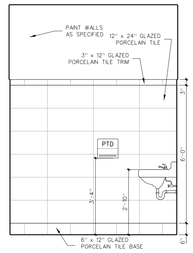
112.3 ENLARGED FLOOR PLAN
SCALE: 3/8" = 1'-0"



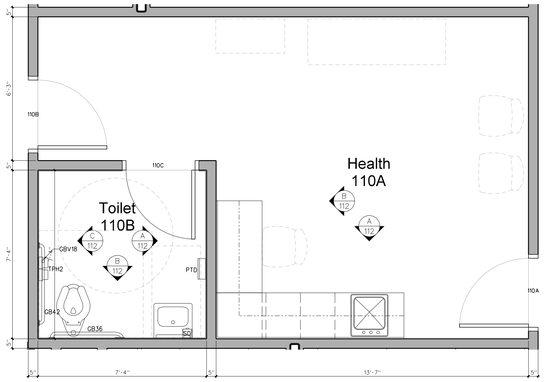
C TOILET 110B

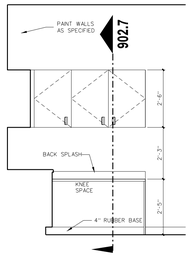


B TOILET 110B

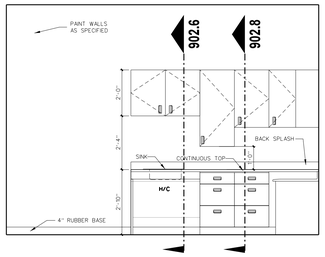


A TOILET 110B

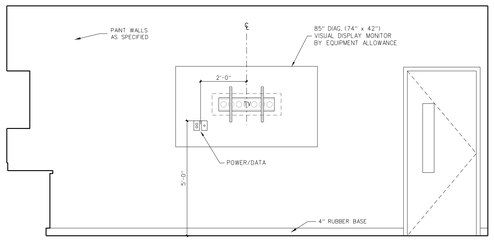




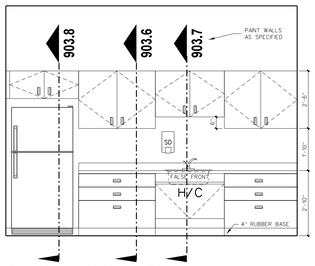
B HEALTH 110A



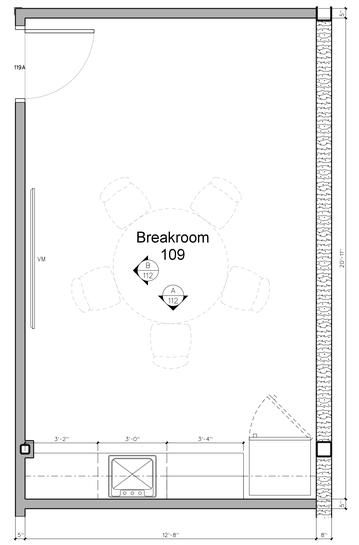
A HEALTH 110A

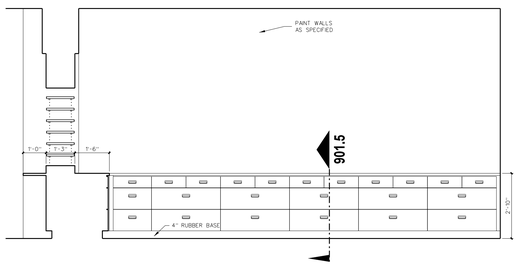


B BREAKROOM 109

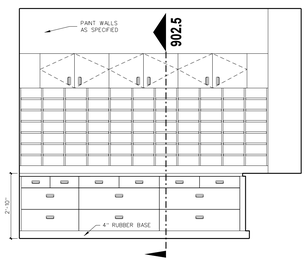


A BREAKROOM 109

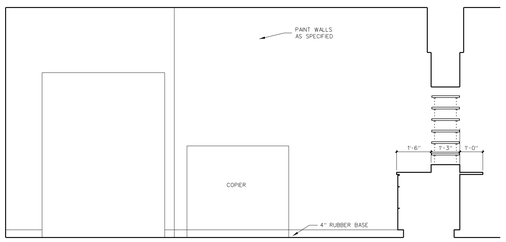




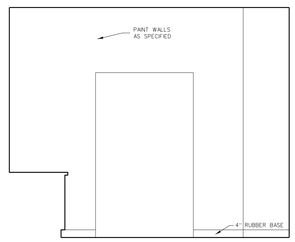
D WORKROOM 105



C WORKROOM 105

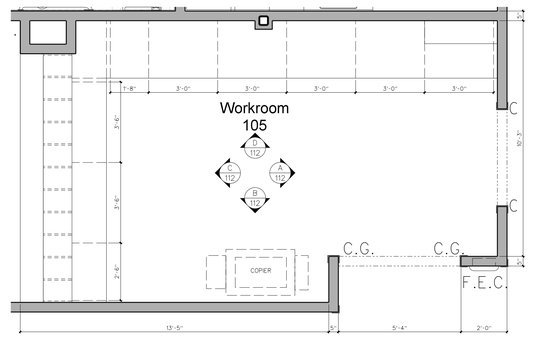


B WORKROOM 105



A WORKROOM 105

112.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



112.1 ENLARGED FLOORPLAN
SCALE: 3/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. CORPORATION NUMBER C-0418 GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3725 NORTH CAROLINA GREENVILLE

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BEAUFORT COUNTY SCHOOLS
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Project No. 22344
Date 1 July 2024
Drawing no. A 112

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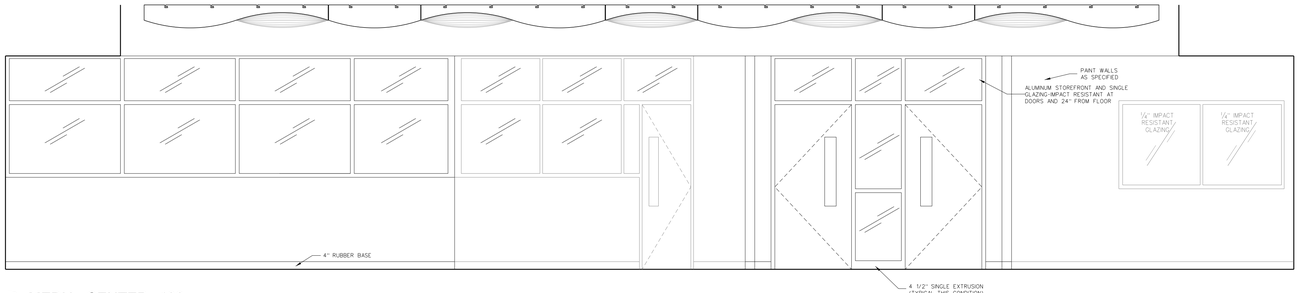
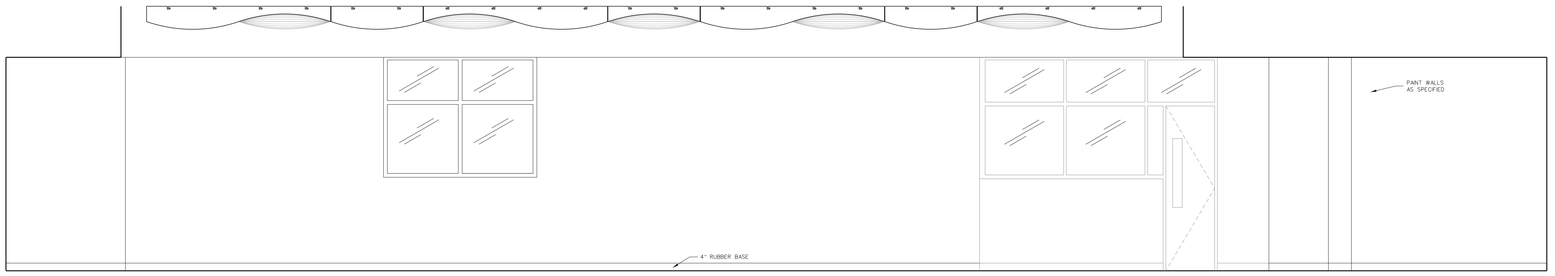
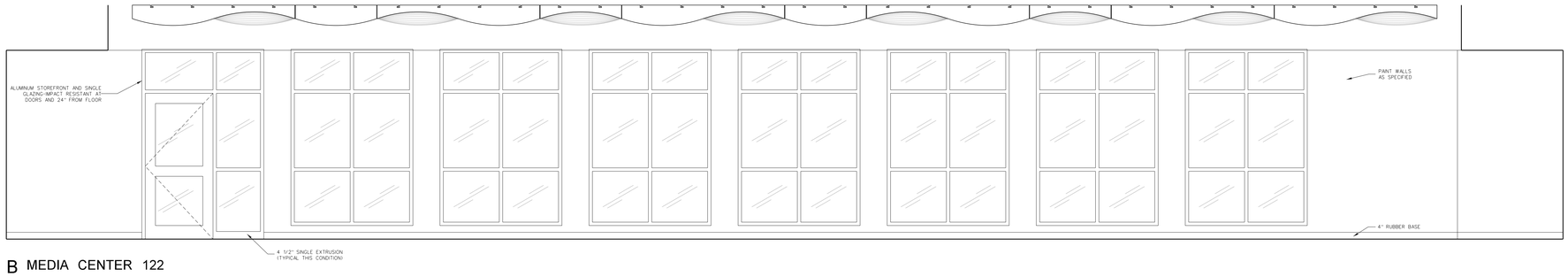


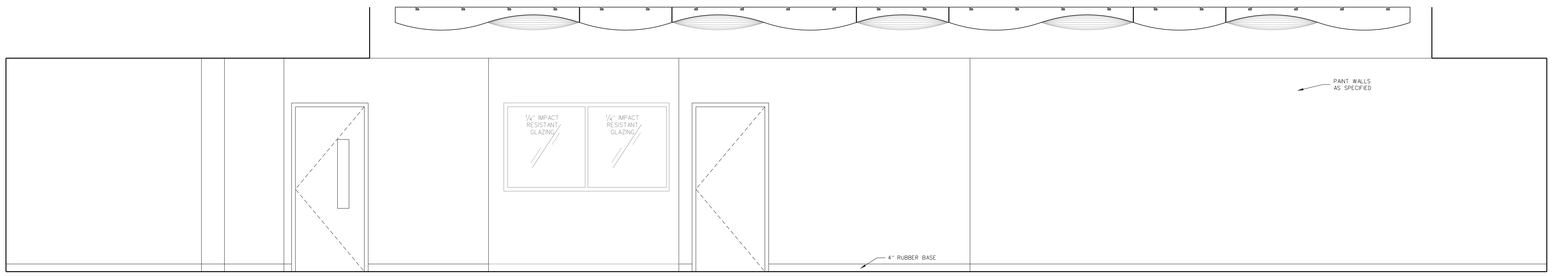
D MEDIA CENTER 122



C MEDIA CENTER 122



B MEDIA CENTER 122



A MEDIA CENTER 122

113.1 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
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HITE ASSOCIATES, P.C. — CERTIFICATE OF AUTHORIZATION NUMBER C-0418 — GREENVILLE

JAMES GRAY HITE — REGISTERED ARCHITECT 3754 — GREENVILLE

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Date: 1 July 2024
Drawing no. A 113

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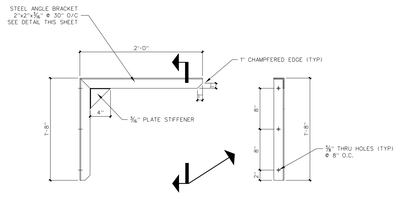
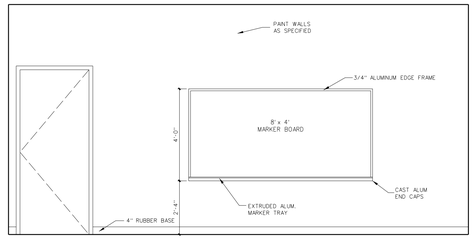
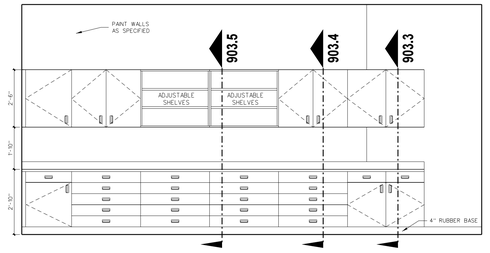


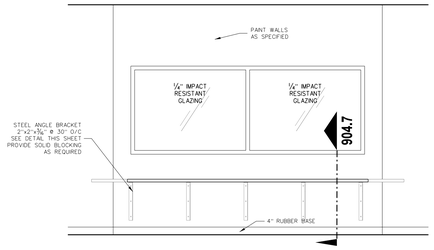
STEEL ANGLE SHELF BRACKET
SCALE: 1" = 1'-0"



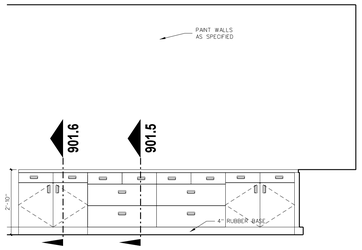
B RESOURCE 126



A RESOURCE 126



D OFFICE/ WORKROOM 123



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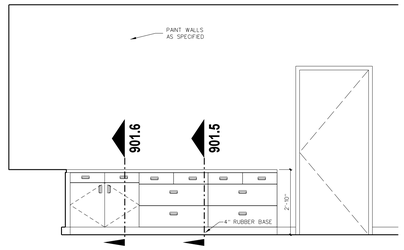

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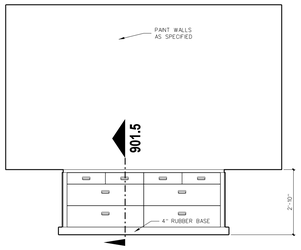
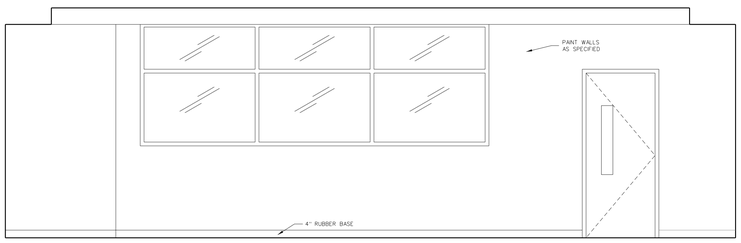
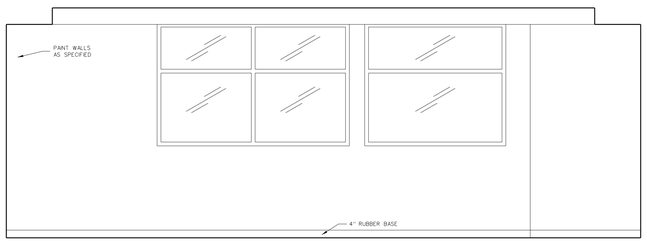


A OFFICE/ WORKROOM 123



D MAKER SPACE 121



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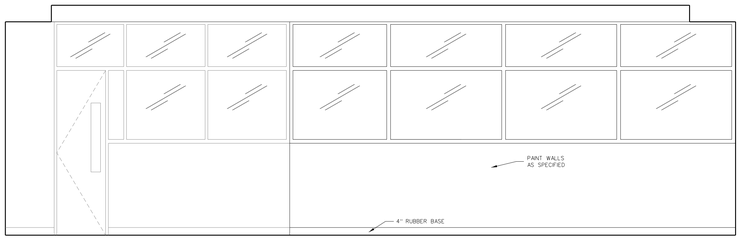
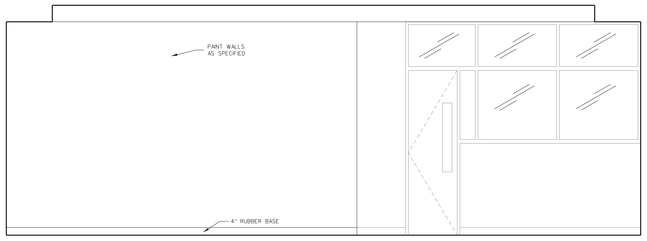


B MAKER SPACE 121



A MAKER SPACE 121

114.1 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. CORPORATION NORTH CAROLINA CERTIFICATE NUMBER C-418 REGISTERED GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3735 NORTH CAROLINA GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
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Project No. 22344
Date 1 July 2024
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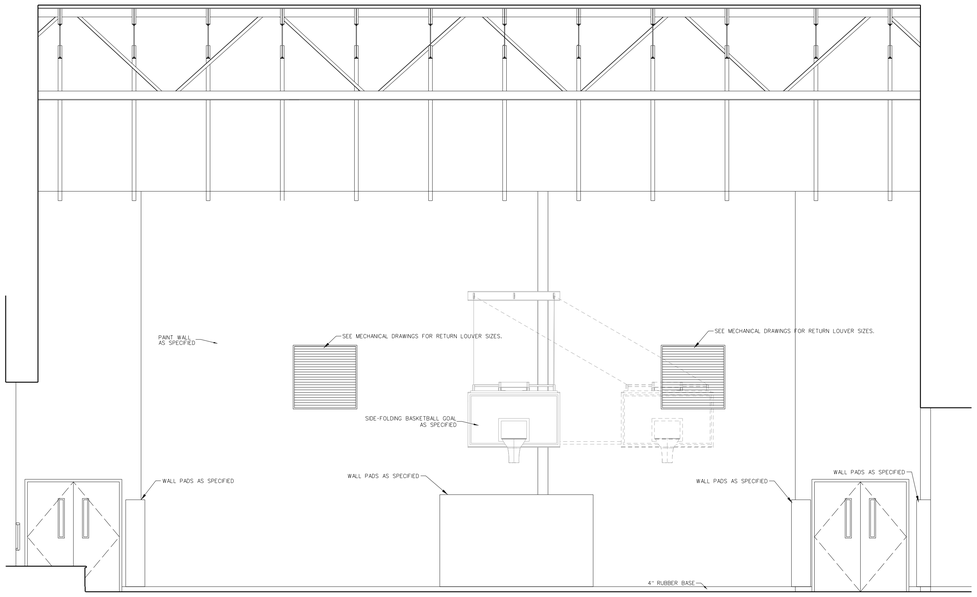
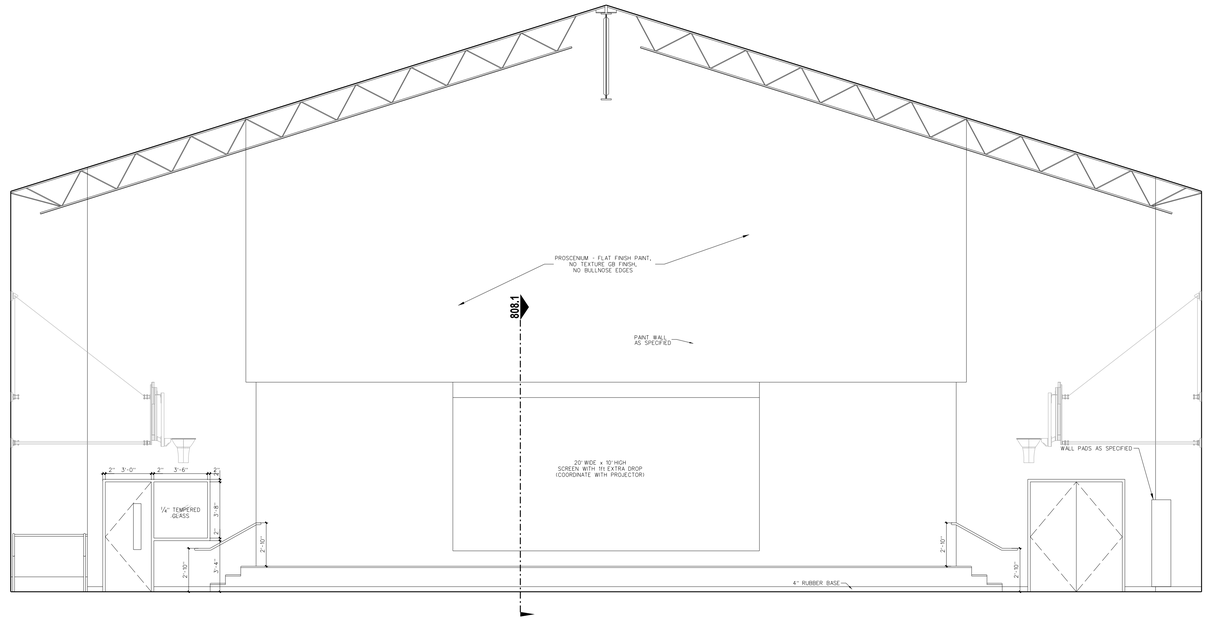
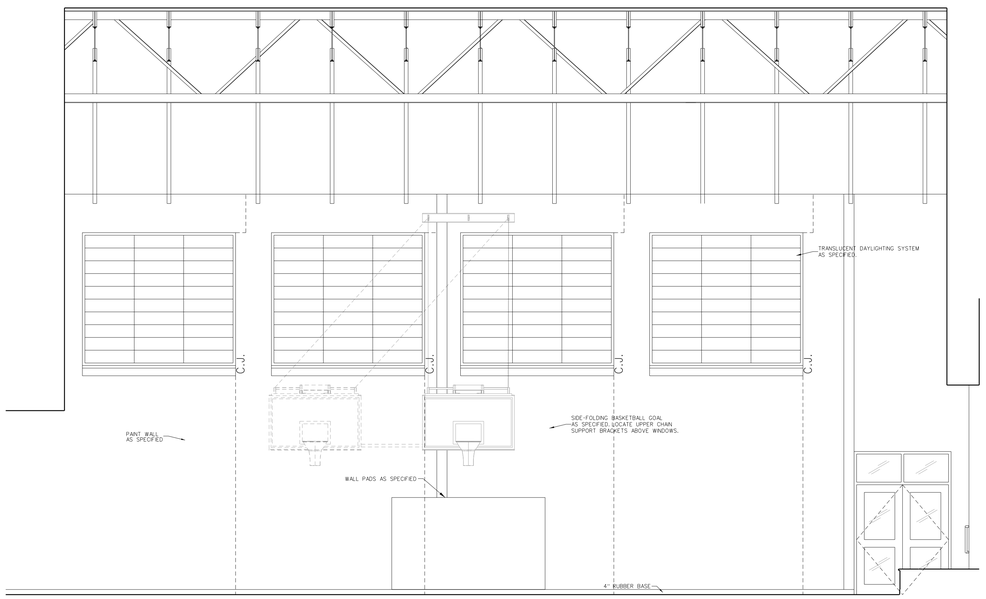


D MULTI PURPOSE 132



C MULTI PURPOSE 132



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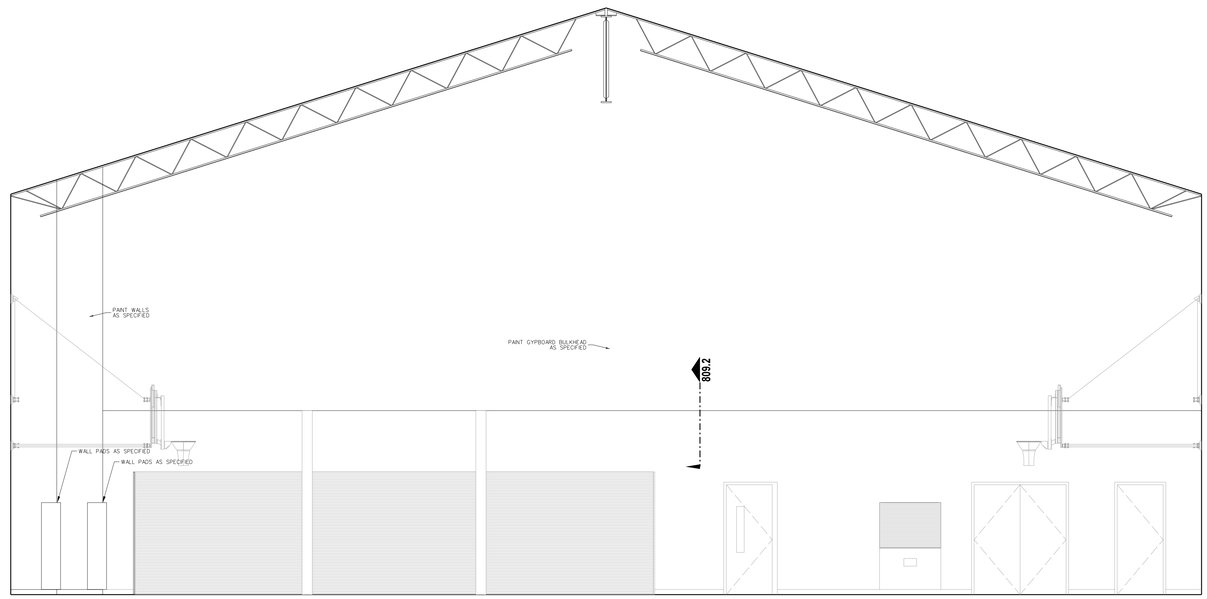

A MULTI PURPOSE 132

115.1 MULTIPURPOSE INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. ARCHITECTURE, PLANNING & INTERIOR DESIGN CORPORATION REGISTERED NUMBER C-418 GREENVILLE, NC

JAMES GRAY HITE REGISTERED ARCHITECT 3754 GREENVILLE, NC

Beaufort PK-3 School
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Date: 1 July 2024
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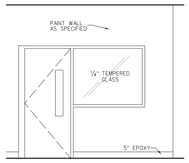
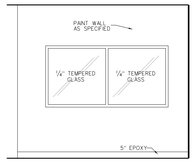
B CHEMICAL ROOM 139

A CHEMICAL ROOM 139

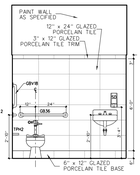


B KITCHEN 137

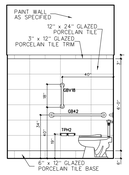


A KITCHEN 137

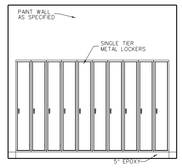
C STAFF TOILET 143



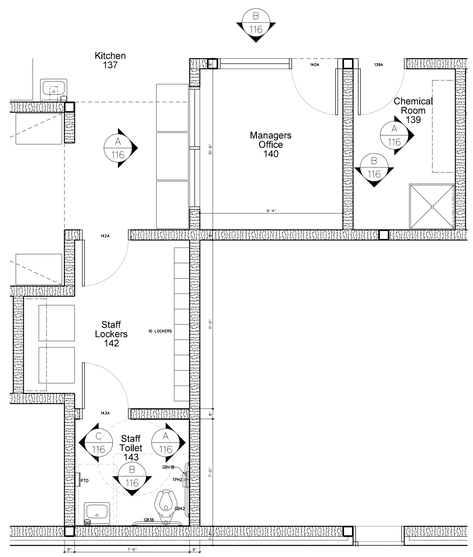
B STAFF TOILET 143

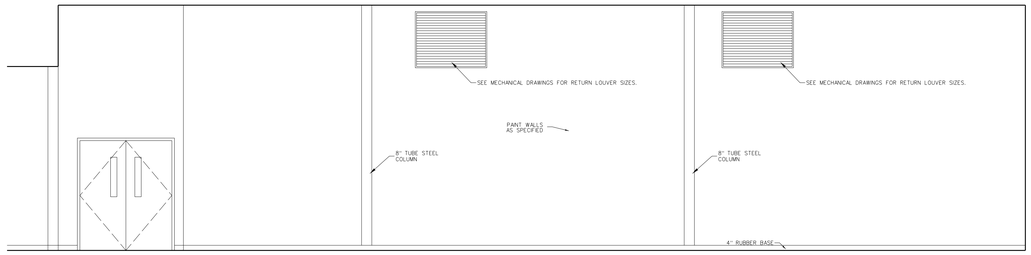


A STAFF TOILET 143



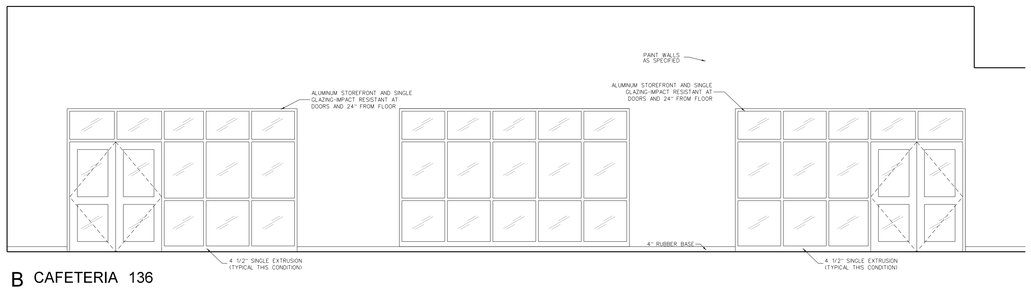
A STAFF LOCKER 142





D CAFETERIA 136

C CAFETERIA 136



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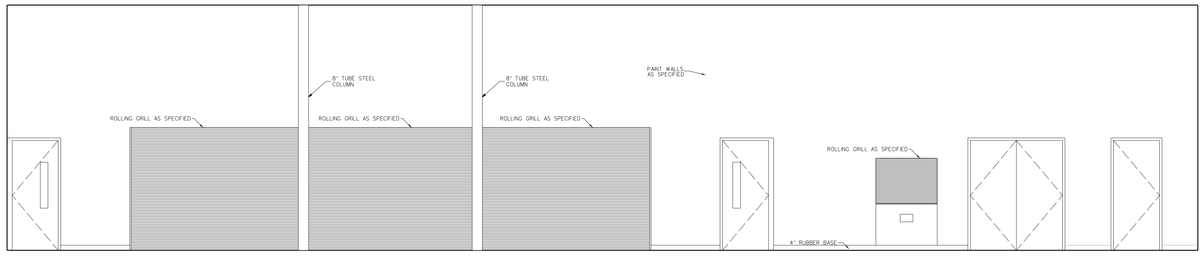

A CAFETERIA 136

116.1 CAFETERIA INTERIOR ELEVATIONS

SCALE: 1/4" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. CERTIFICATE OF AUTHORIZATION NUMBER C-418 GREENVILLE, NC

JAMES GRAY HITE REGISTERED ARCHITECT 3753 GREENVILLE, NC

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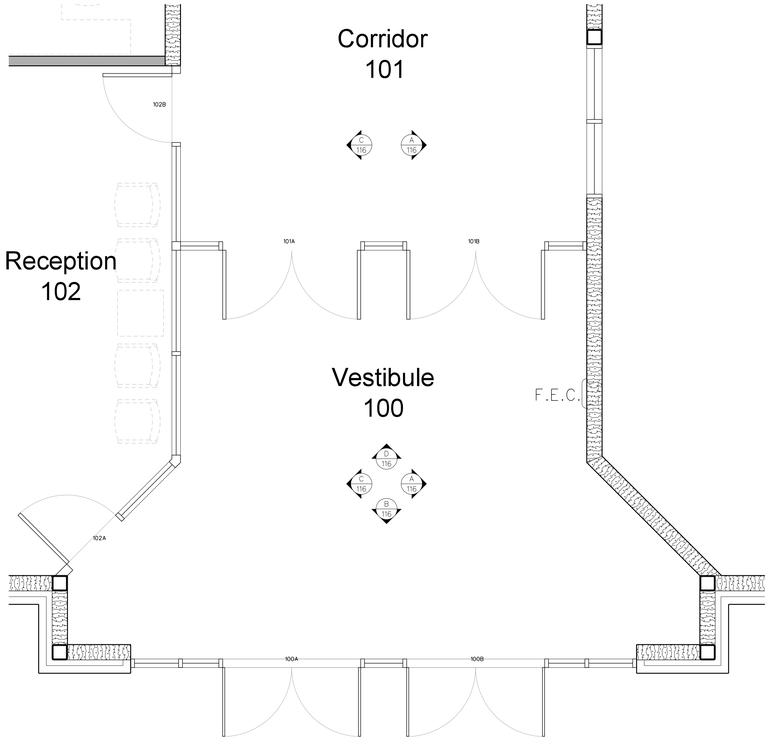
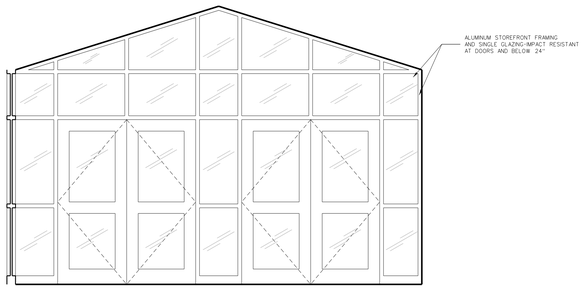
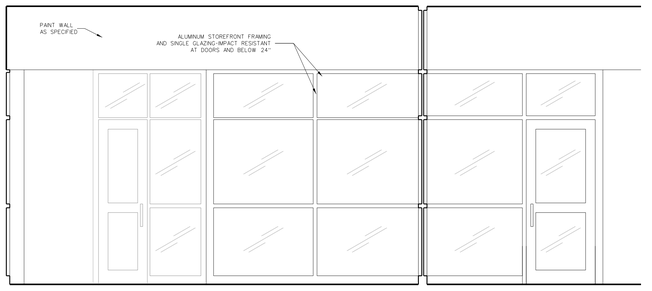


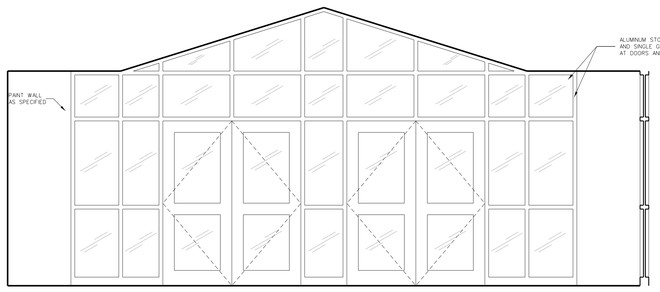
117.2 ENLARGED FLOOR PLAN
SCALE: 3/8" = 1'-0"



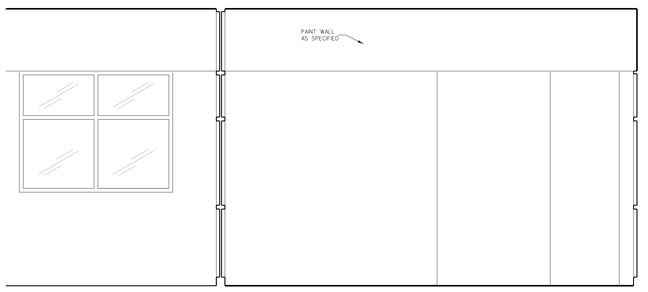
D Vestibule 100



C Vestibule 100



B Vestibule 100



A Vestibule 100

117.1 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. ARCHITECTURAL CORPORATION LICENSE NUMBER C-418 REGISTERED GREENVILLE, N.C.

JAMES GRAY HITE REGISTERED ARCHITECT 3753 NORTH CAROLINA GREENVILLE, N.C.

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
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Project No.
22344

Date
1 July 2024

Drawing no.
A
117

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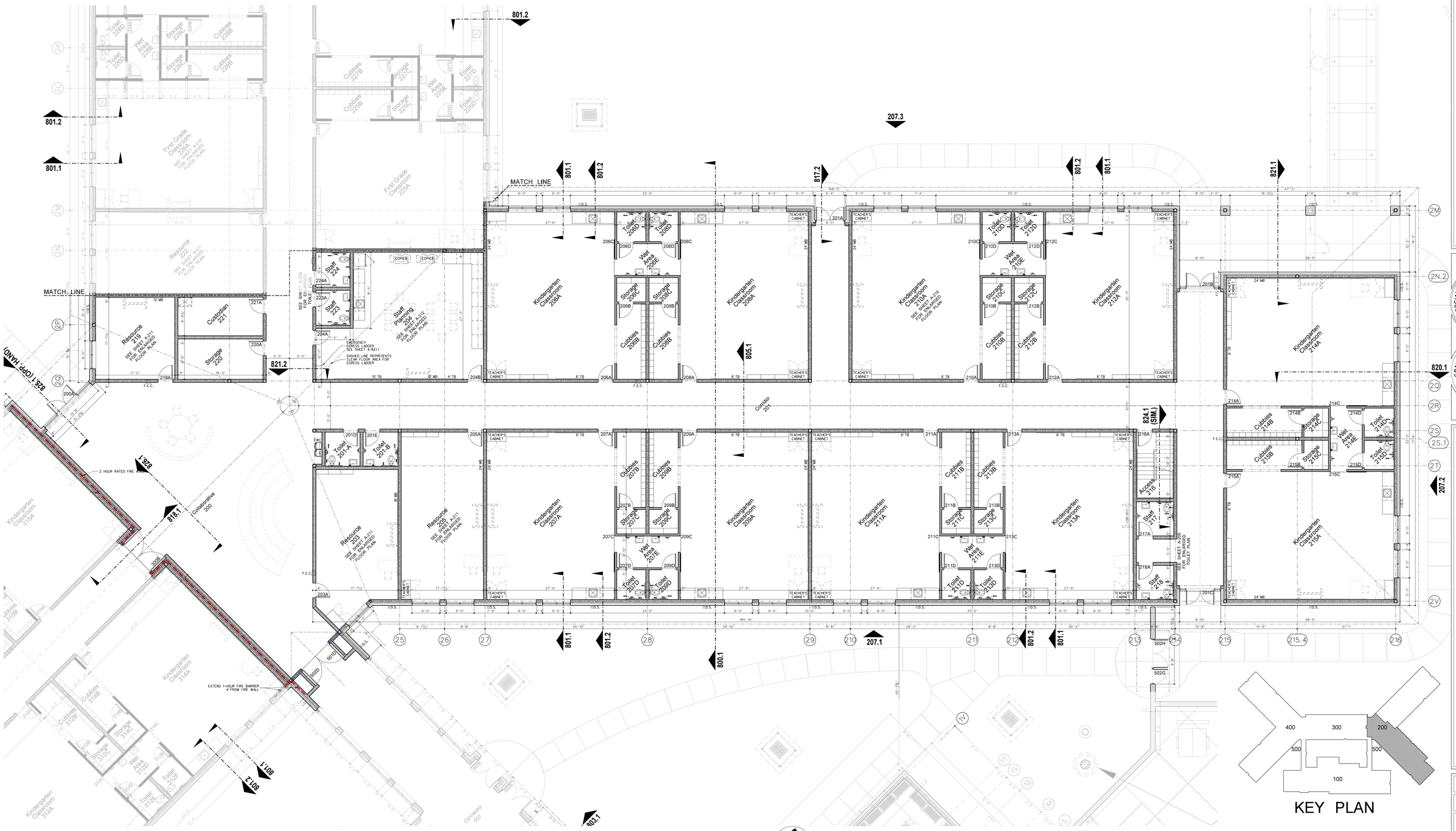
ABBREVIATIONS

CB	CHALKBOARD
MB	MARKERBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
MT	MARBLE THRESHOLD
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
E.J.	EXPANSION JOINT
TD	TRAVEL DISTANCE

SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS

WALL LEGEND

- 8" CMU WALL
- 6 CMU WALL
- 8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 6" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 3 5/8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- SMOKE-RATED CONSTRUCTION
- ONE HOUR RATED FIRE BARRIER
- TWO HOUR RATED FIRE WALL



KEY PLAN

201.1 200 BUILDING FLOOR PLAN - KINDERGARTEN / FIRST GRADE
SCALE: 1/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
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HITE ASSOCIATES, P.C. ARCHITECTURE, ENGINEERING, CORPORATION STATE LICENSE NUMBER 4118 GREENVILLE, NORTH CAROLINA

JAMES GRAY HITE REGISTERED ARCHITECT 3753 GREENVILLE

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Project No. 22344
Date: 1 July 2024
Drawing no. A 201

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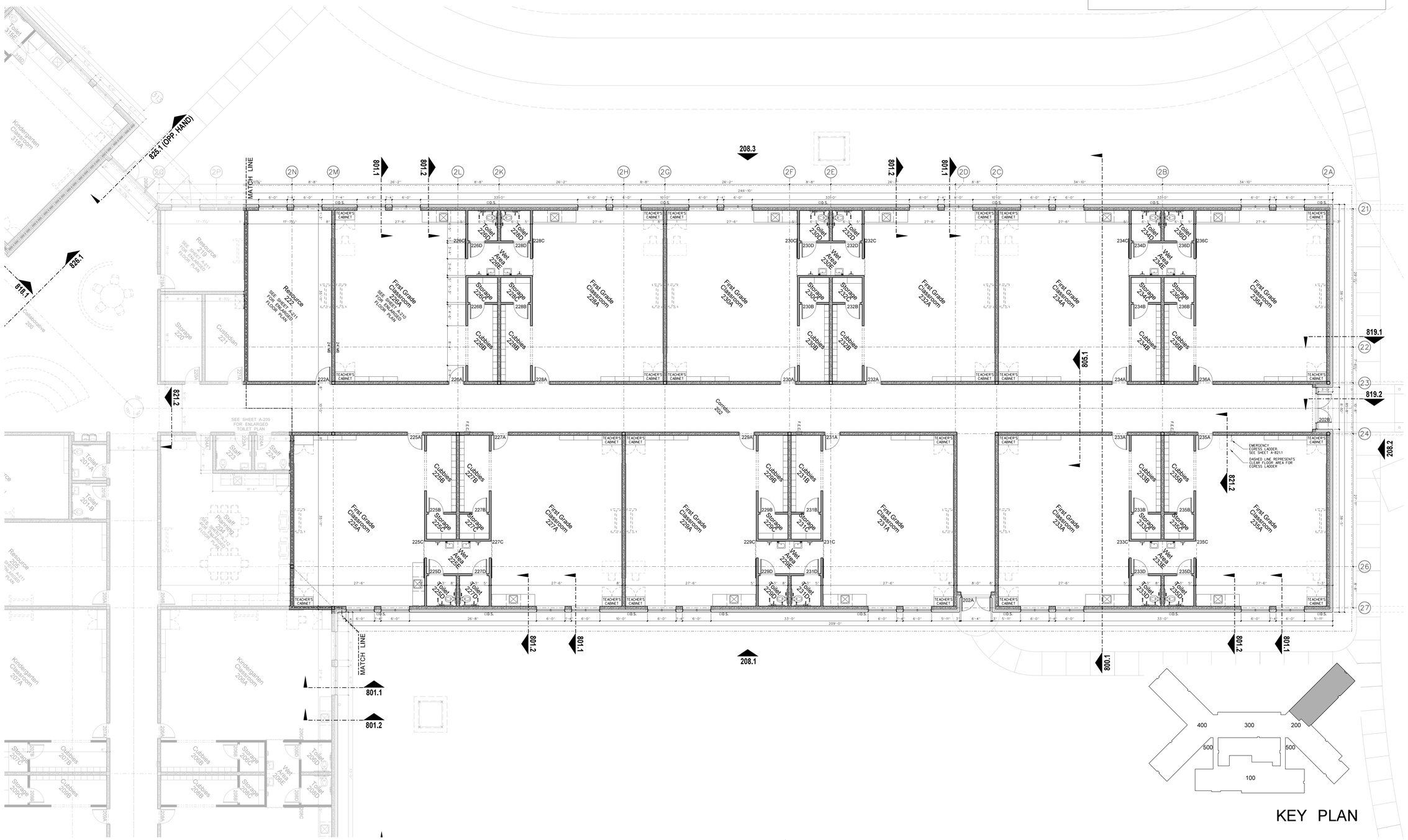
ABBREVIATIONS

CB	CHALKBOARD
MB	MARKERBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
MT	MARBLE THRESHOLD
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
E.J.	EXPANSION JOINT
TD	TRAVEL DISTANCE

SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS

WALL LEGEND

- 8" CMU WALL
- 6 CMU WALL
- 8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 6" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 3 5/8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- SMOKE-RATED CONSTRUCTION
- ONE HOUR RATED FIRE BARRIER
- TWO HOUR RATED FIRE WALL



KEY PLAN

NORTH

202.1 200 BUILDING FLOOR PLAN - KINDERGARTEN / FIRST GRADE

SCALE: 1/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. CORPORATION GREENVILLE, NORTH CAROLINA CERTIFICATE NUMBER C-418

JAMES GRAY HITE REGISTERED ARCHITECT 3753 GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 202

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GENERAL NOTES FOR UTILITY PLATFORMS:

(1) GENERAL CONTRACTOR TO PROVIDE (2) COATS CLEAR GLOSS POLYURETHANE FLOOR SEALER FOLLOWING FINAL CLEAN AND APPROVAL OF ARCHITECT.

(2) CMU WALLS WHERE INDICATED SHALL BE RUN SOLID TO BOTTOM OF DECK, GROUTED SOLID TO DECK. ALL OTHER CMU WALLS, UNLESS OTHERWISE NOTED, SHALL BE RUN TO FULL BLOCK COURSE ABOVE CEILING. UNBRACED SECTIONS OF LESS-THAN-FULL-HEIGHT WALLS SHALL BE BRACED TO ROOF. SEE STRUCTURAL DRAWINGS.

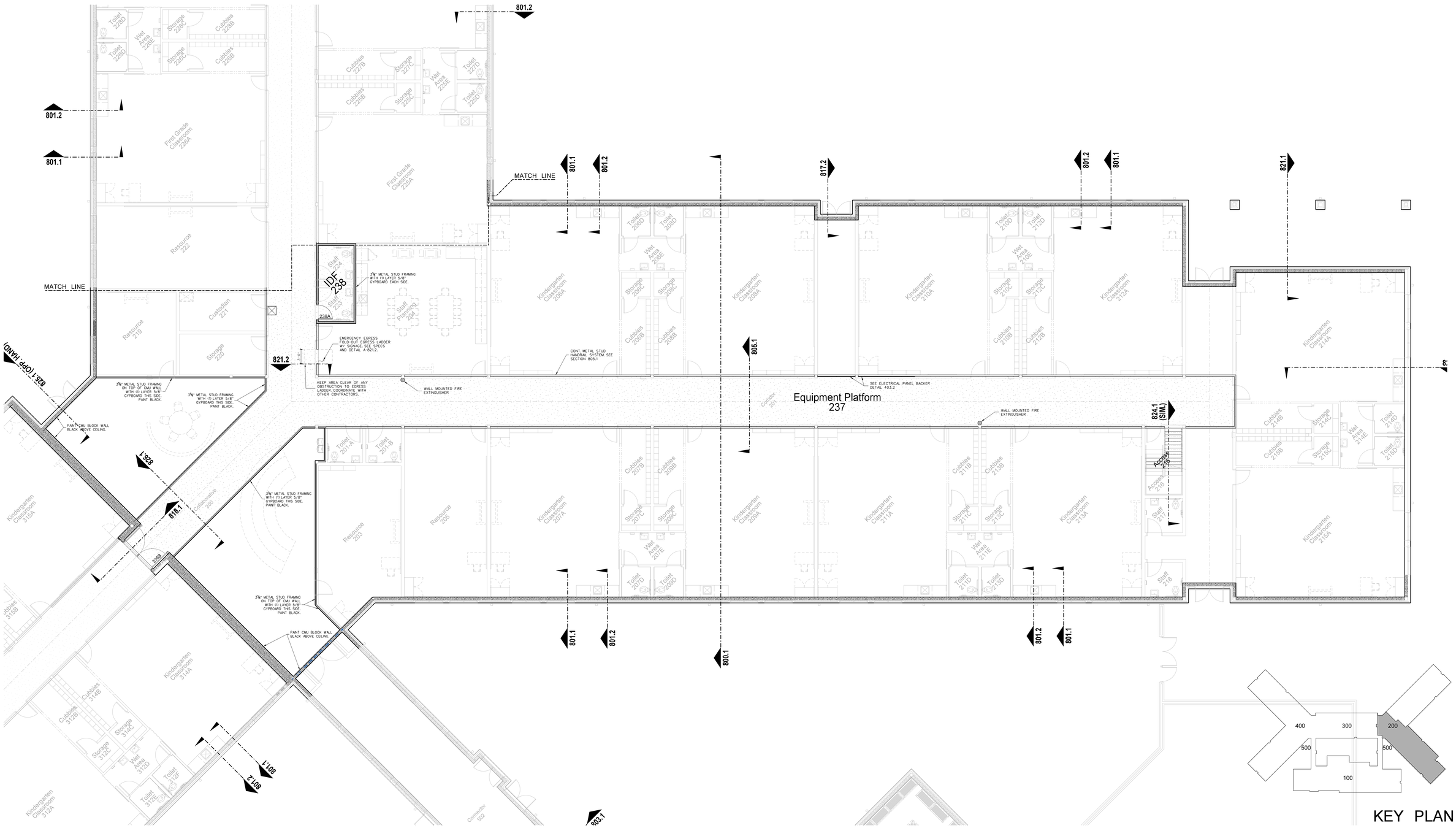
(3) CMU WALL INTERSECTIONS SHALL BE BONDED WITH HOT DIPPED GALVANIZED HARDWARE CLOTH EACH COURSE, AND PREFORMED "T" HORIZONTAL REINFORCING AS SPECIFIED AT 16" ON CENTER.

(4) PROVIDE WALL CONTROL AND EXPANSION JOINTS WHERE SHOWN AND DETAILED OR IN PRE-APPROVED, ALTERNATING LOCATIONS 32' ON CENTER MAXIMUM. PROVIDE IN ONE SIDE OF EACH OPENING IN MASONRY WALLS: BOTH SIDES IN OPENINGS WITH WIDTH EXCEEDING 5'-0". SEE DETAIL.

(5) PROVIDE WALL EXPANSION JOINTS AT POINTS AND INTERSECTIONS WHERE INDICATED, ½" WIDE, FILLED WITH EXPANSION JOINT MATERIAL AND CAULK, WITH BACKER ROD.

(6) ALL 45° CMU WALL BENDS SHALL BE CONSTRUCTED WITH SPECIAL PRECAST UNITS.

(7) INTERIOR CMU JOINTS SHALL BE TOOLED CONCAVE.



KEY PLAN

NORTH

203.1 200 BUILDING PLATFORM PLAN
SCALE: 1/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. REGISTERED ARCHITECTURAL CORPORATION CERTIFICATE NUMBER 4418 STATE OF NORTH CAROLINA GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 203

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GENERAL NOTES FOR UTILITY PLATFORMS:

(1) GENERAL CONTRACTOR TO PROVIDE (2) COATS CLEAR GLOSS POLYURETHANE FLOOR SEALER FOLLOWING FINAL CLEAN AND APPROVAL OF ARCHITECT.

(2) CMU WALLS WHERE INDICATED SHALL BE RUN SOLID TO BOTTOM OF DECK, GROUTED SOLID TO DECK. ALL OTHER CMU WALLS, UNLESS OTHERWISE NOTED, SHALL BE RUN TO FULL BLOCK COURSE ABOVE CEILING. UNBRACED SECTIONS OF LESS-THAN-FULL-HEIGHT WALLS SHALL BE BRACED TO ROOF. SEE STRUCTURAL DRAWINGS.

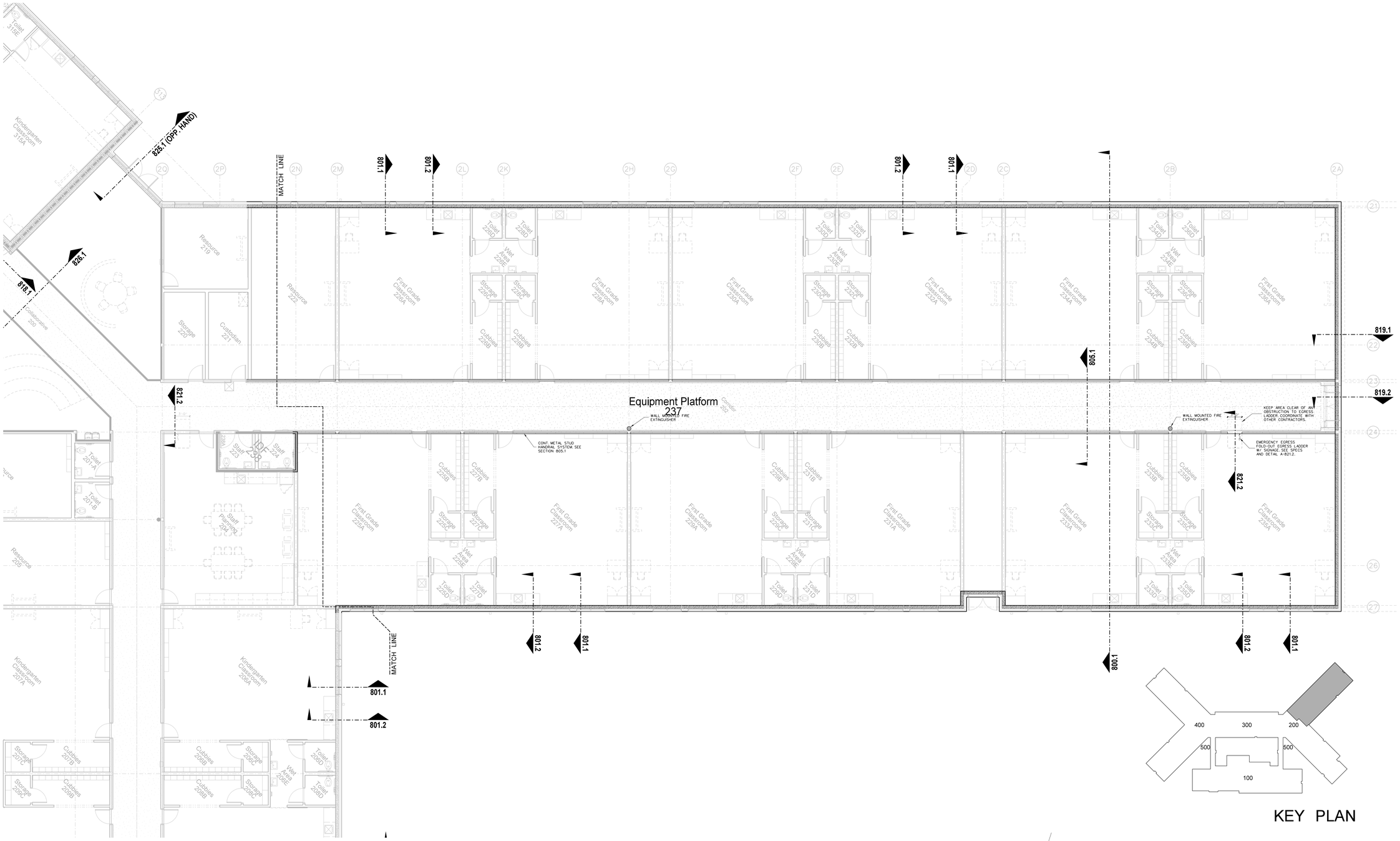
(3) CMU WALL INTERSECTIONS SHALL BE BONDED WITH HOT DIPPED GALVANIZED HARDWARE CLOTH EACH COURSE, AND PREFORMED "T" HORIZONTAL REINFORCING AS SPECIFIED AT 16" ON CENTER.

(4) PROVIDE WALL CONTROL AND EXPANSION JOINTS WHERE SHOWN AND DETAILED OR IN PRE-APPROVED, ALTERNATING LOCATIONS 32' ON CENTER MAXIMUM. PROVIDE IN ONE SIDE OF EACH OPENING IN MASONRY WALLS: BOTH SIDES IN OPENINGS WITH WIDTH EXCEEDING 5'-0". SEE DETAIL.

(5) PROVIDE WALL EXPANSION JOINTS AT POINTS AND INTERSECTIONS WHERE INDICATED, ½" WIDE, FILLED WITH EXPANSION JOINT MATERIAL AND CAULK, WITH BACKER ROD.

(6) ALL 45° CMU WALL BENDS SHALL BE CONSTRUCTED WITH SPECIAL PRECAST UNITS.

(7) INTERIOR CMU JOINTS SHALL BE TOOLED CONCAVE.



KEY PLAN

NORTH

204.1 200 BUILDING PLATFORM PLAN
SCALE: 1/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

JAMES GRAY HITE ASSOCIATES, P.A. — REGISTERED ARCHITECTURAL CORPORATION — CERTIFICATE NUMBER C-418 — GREENVILLE, NORTH CAROLINA

JAMES GRAY HITE — REGISTERED ARCHITECT 3754 — GREENVILLE, NORTH CAROLINA

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 204

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CEILING FINISH SCHEDULE

TYPE 1
24"x24"x 5/8" ROCKFON ARTIC 600 SQUARE LAY-IN / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 2
24"x24"x 5/8" ROCKFON ARTIC 600 SQUARE TEGULAR / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 3
24"x24"x 1/2" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL PRELUDE PLUS GRID.

TYPE 4
5/8" GYPSUM BOARD ON METAL STUD FRAMING AT 24" O.C.

TYPE 5
5/8" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM

TYPE 6
5/8" FIRECODE GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM.
SMOKE RESISTANT CONSTRUCTION.

TYPE 7
ARMSTRONG FELTWORKS EBBS AND FLOWS LOUVERED CEILING SYSTEM @ 8" O.C.
PAINT WALLS AND EXPOSED STRUCTURE ABOVE BLACK.

TYPE 8
EXPOSED STRUCTURE (ACOUSTICAL SPRAY MATERIAL AS NOTED)

TYPE 9
ALUCOBOND ACM PANEL SYSTEM ON HAT CHANNELS / FRAMING SYSTEM

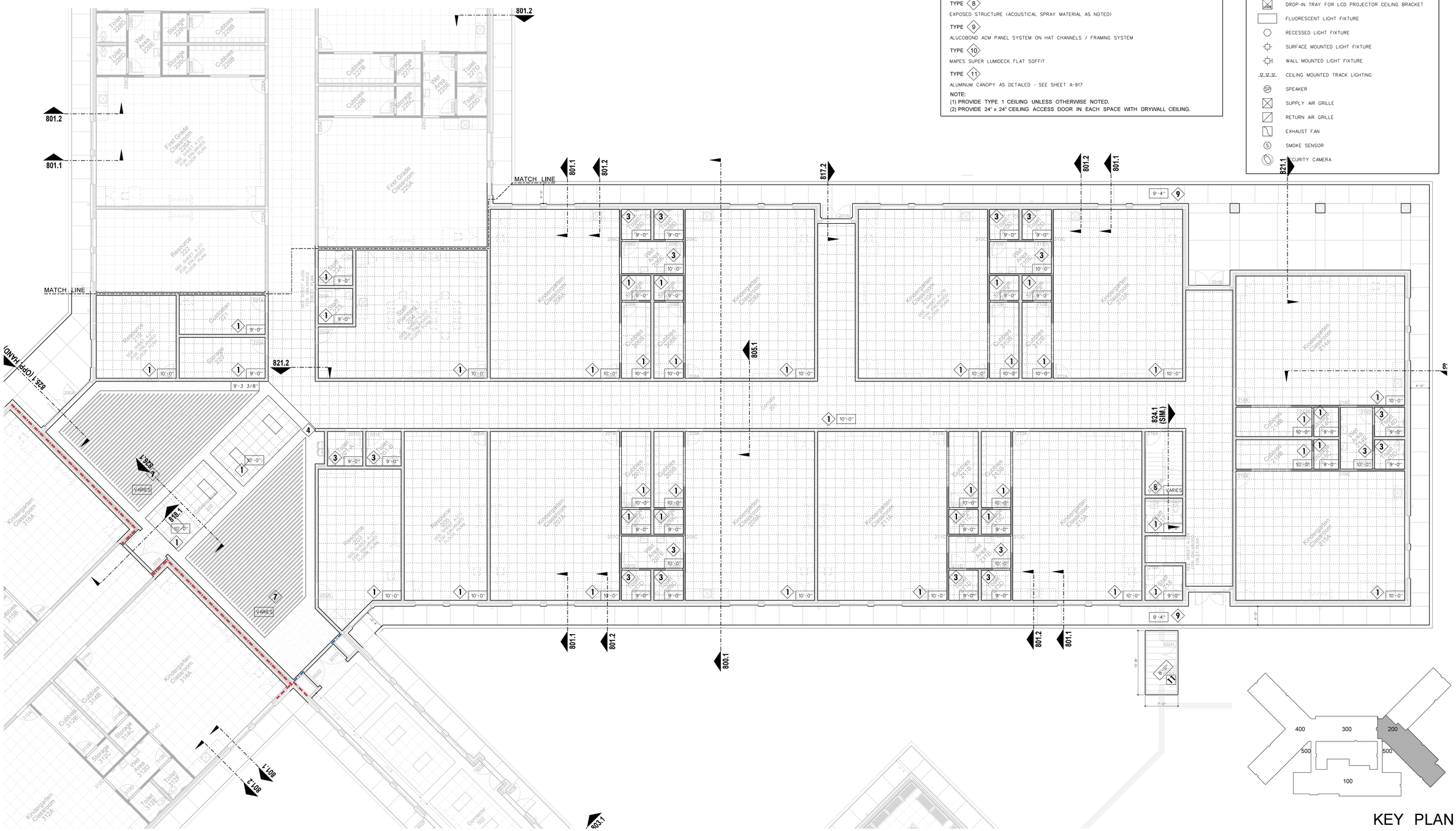
TYPE 10
MAPES SUPER LUMDECK FLAT SOFFIT

TYPE 11
ALUMINUM CANOPY AS DETAILED - SEE SHEET A-917

NOTE:
(1) PROVIDE TYPE 1 CEILING UNLESS OTHERWISE NOTED.
(2) PROVIDE 24" x 24" CEILING ACCESS DOOR IN EACH SPACE WITH DRYWALL CEILING.

LEGEND - REFLECTED CEILING PLAN

- 2 — CEILING TYPE - SEE CEILING FINISH SCHEDULE
- XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR
- SLOPED CEILING
- LS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - LOW SIDE
- HS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - HIGH SIDE
- 2 x 2 ACOUSTICAL TILE AND GRID
- GYPBOARD CEILING
- MR — MOISTURE RESISTANT GYPBOARD CEILING
- EXPSTR — EXPOSED STRUCTURE
- METAL SOFFIT
- EIFS — EIFS SOFFIT
- VIDEO — DROP-IN TRAY FOR VIDEO MONITOR CEILING BRACKET
- LCDP — DROP-IN TRAY FOR LCD PROJECTOR CEILING BRACKET
- FLUORESCENT LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CEILING MOUNTED TRACK LIGHTING
- SP — SPEAKER
- SUPPLY AIR GRILLE
- RETURN AIR GRILLE
- EXHAUST FAN
- S — SMOKE SENSOR
- SECURITY CAMERA



KEY PLAN

205.1 200 BUILDING REFLECTED CEILING PLAN - KINDERGARTEN / FIRST GRADE
SCALE: 1/8" = 1'-0"

No.	Date	Revision

Hite associates
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2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. ARCHITECTURAL CORPORATION
CERTIFICATE NUMBER 418
REGISTERED ARCHITECTURAL CORPORATION
GREENVILLE

JAMES GRAY HITE
REGISTERED ARCHITECT
MICHIGAN 37754
REGISTERED ARCHITECT
GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
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CEILING FINISH SCHEDULE

TYPE 1
24"x24"x ⅝" ROCKFON ARTIC 600 SQUARE LAY-IN / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 2
24"x24"x ⅝" ROCKFON ARTIC 600 SQUARE TEGULAR / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 3
24"x24"x ½" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL PRELUDE PLUS GRID.

TYPE 4
⅝" GYPSUM BOARD ON METAL STUD FRAMING AT 24" O.C.

TYPE 5
⅝" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM

TYPE 6
⅝" FIRECODE GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM.
SMOKE RESISTANT CONSTRUCTION.

TYPE 7
ARMSTRONG FELTWORKS EBBS AND FLOWS LOUVERED CEILING SYSTEM @ 8" O.C.
PAINT WALLS AND EXPOSED STRUCTURE ABOVE BLACK.

TYPE 8
EXPOSED STRUCTURE (ACOUSTICAL SPRAY MATERIAL AS NOTED)

TYPE 9
ALUCOBOND ACM PANEL SYSTEM ON HAT CHANNELS / FRAMING SYSTEM

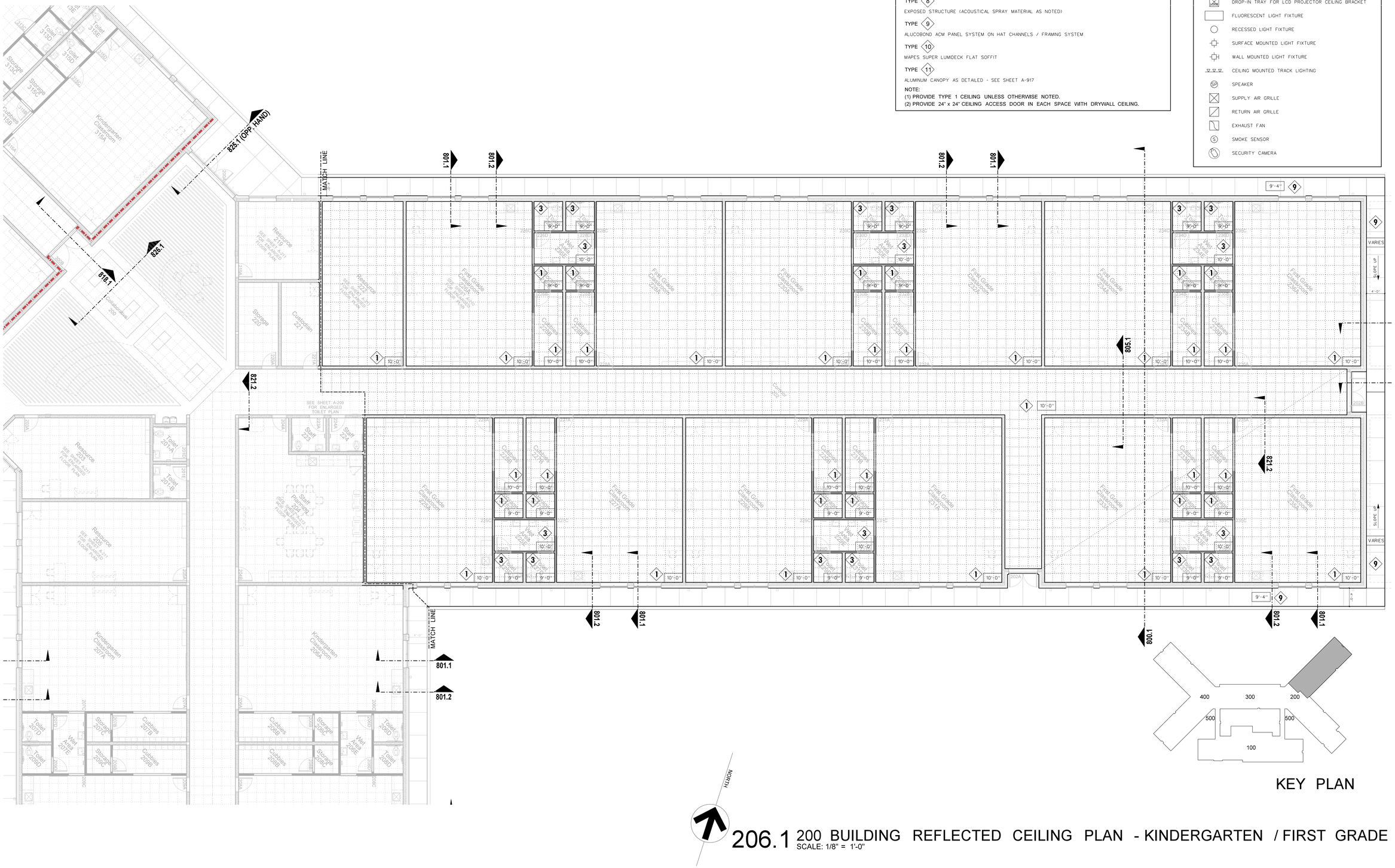
TYPE 10
MAPES SUPER LUMIDECK FLAT SOFFIT

TYPE 11
ALUMINUM CANOPY AS DETAILED - SEE SHEET A-917

NOTE:
(1) PROVIDE TYPE 1 CEILING UNLESS OTHERWISE NOTED.
(2) PROVIDE 24" x 24" CEILING ACCESS DOOR IN EACH SPACE WITH DRYWALL CEILING.

LEGEND - REFLECTED CEILING PLAN

- 2 — CEILING TYPE - SEE CEILING FINISH SCHEDULE
- XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR
- SLOPED CEILING
- LS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - LOW SIDE
- HS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - HIGH SIDE
- 2 x 2 ACOUSTICAL TILE AND GRID
- GYPBOARD CEILING
- MR — MOISTURE RESISTANT GYPBOARD CEILING
- EXPSTR — EXPOSED STRUCTURE
- METAL SOFFIT
- EIFS — EIFS SOFFIT
- VIDEO — DROP-IN TRAY FOR VIDEO MONITOR CEILING BRACKET
- LCDPJ — DROP-IN TRAY FOR LCD PROJECTOR CEILING BRACKET
- FLUORESCENT LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CEILING MOUNTED TRACK LIGHTING
- SP — SPEAKER
- SUPPLY AIR GRILLE
- RETURN AIR GRILLE
- EXHAUST FAN
- S — SMOKE SENSOR
- SECURITY CAMERA



KEY PLAN

NORTH

206.1 200 BUILDING REFLECTED CEILING PLAN - KINDERGARTEN / FIRST GRADE

SCALE: 1/8" = 1'-0"

No.	Date	Revision

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HITE ASSOCIATES, P.C. ARCHITECTURAL CORPORATION NORTH CAROLINA CERTIFICATE NUMBER C-418 GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3754 NORTH CAROLINA GREENVILLE

Beaufort PK-3 School
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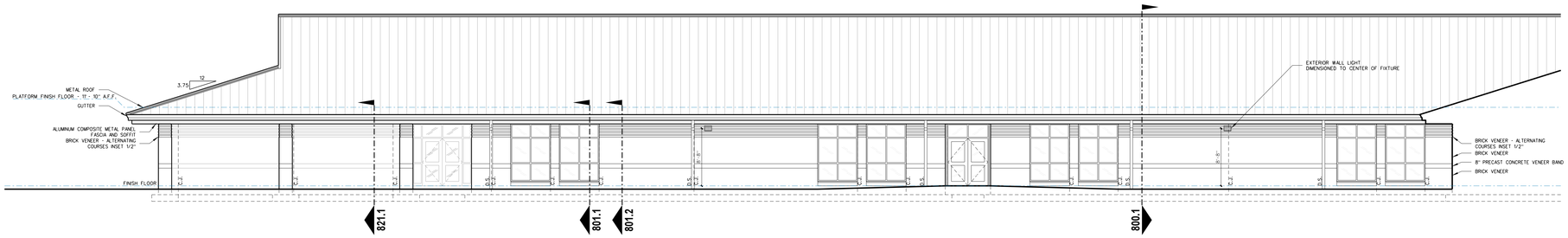
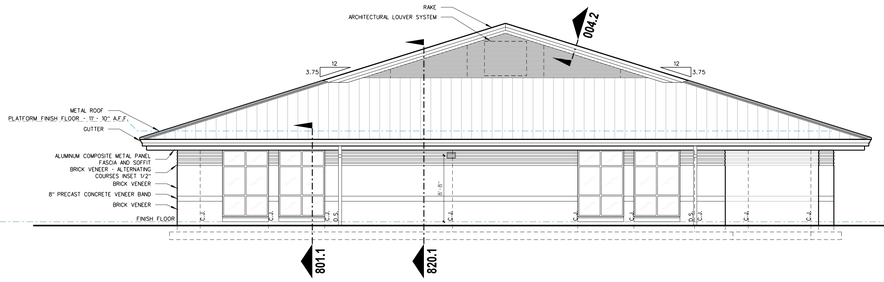
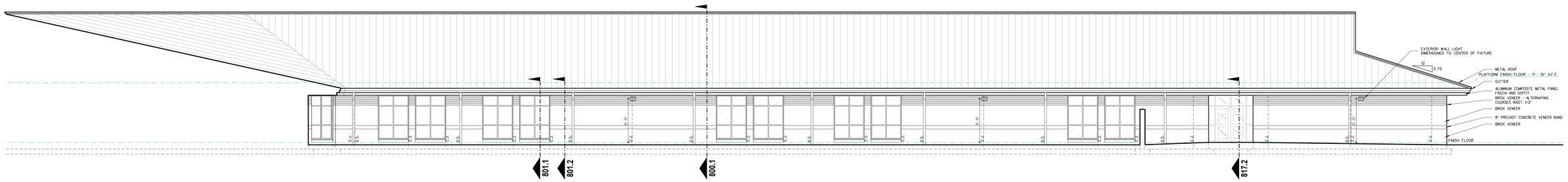


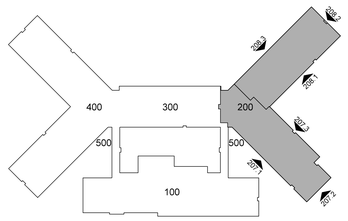
207.3 200 BUILDING EXTERIOR ELEVATION - SOUTHEAST
SCALE: 1/8" = 1'-0"



207.2 200 BUILDING EXTERIOR ELEVATION - SOUTHWEST ENDWALL
SCALE: 1/8" = 1'-0"



207.1 200 BUILDING EXTERIOR ELEVATION - NORTHWEST
SCALE: 1/8" = 1'-0"



KEY PLAN

No.	Date	Revision

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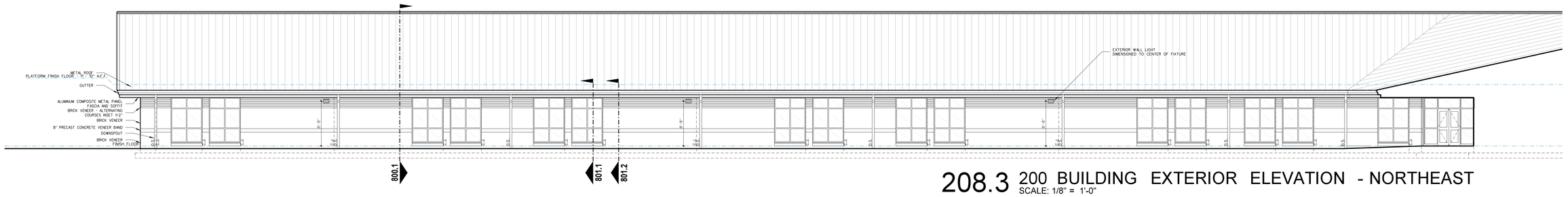
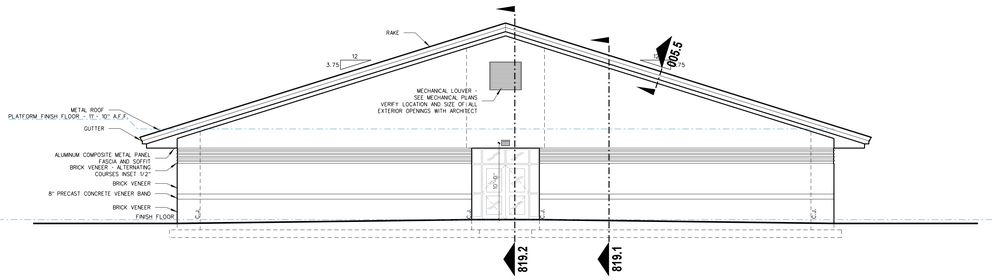
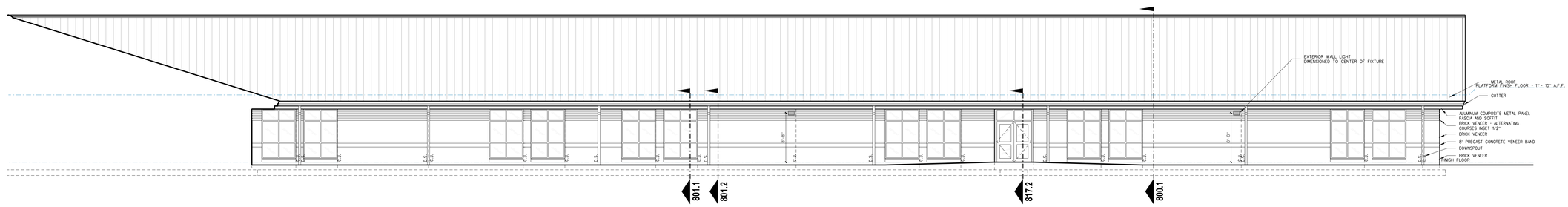


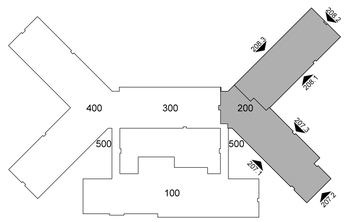
208.3 200 BUILDING EXTERIOR ELEVATION - NORTHEAST
SCALE: 1/8" = 1'-0"



208.2 200 BUILDING EXTERIOR ELEVATION - SOUTHEAST ENDWALL
SCALE: 1/8" = 1'-0"



208.1 200 BUILDING EXTERIOR ELEVATION - SOUTHWEST
SCALE: 1/8" = 1'-0"



KEY PLAN

No.	Date	Revision

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HITE ASSOCIATES, P.C. REGISTERED ARCHITECTURAL CORPORATION CERTIFICATE NUMBER 418 STATE OF NORTH CAROLINA GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

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Date: 1 July 2024
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TOILET ACCESSORY SCHEDULE

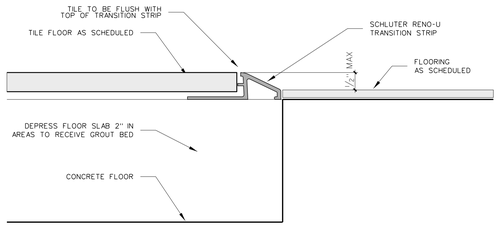
MARK	MODEL	DESCRIPTION	HEIGHT A.F.F. STAFF	HEIGHT A.F.F. STUDENT	NUMBER REQUIRED	REMARKS
SD	BY OWNER	SOAP DISPENSER	40"	36"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
PTD	BY OWNER	PAPER TOWEL DISPENSER	40"	36"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH1	BY OWNER	TOILET PAPER HOLDER	19"	19"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH2	BOBRICK B-2740	2-ROLL TOILET TISSUE DISPENSER	19" BOTTOM	19" BOTTOM	AS PER PLAN	BLACK TRANSLUCENT
SND	BOBRICK B-254	SANITARY NAPKIN DISPOSAL	19" BOTTOM	NA	AS PER PLAN	BY OWNER - GC TO INSTALL
MR36	BOBRICK 165-1836	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	AS PER PLAN	
MR60	BOBRICK 165-2460	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	AS PER PLAN	
MR-C	CUSTOM	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	SEE ELEV. AS PER PLAN	
GB18	BOBRICK 6806-18	18" GRAB BAR	34"	27"	AS PER PLAN	
GBV18	BOBRICK 6806-18	18" VERTICAL GRAB BAR	40"BOTTOM	30"BOTTOM	AS PER PLAN	
GB30	BOBRICK 6806-30	30" GRAB BAR	34"	27"	AS PER PLAN	
GB36	BOBRICK 6806-36	36" GRAB BAR	34"	27"	AS PER PLAN	
GB42	BOBRICK 6806-42	42" GRAB BAR	34"	27"	AS PER PLAN	
GB48	BOBRICK 6806-48	48" GRAB BAR	34"	27"	AS PER PLAN	ONE EACH H/C SHOWER
GB6861	BOBRICK 6861	TWO WALL GRAB BAR	34"	27"	AS PER PLAN	
FSS-1 (L/R)	BOBRICK 5181	FOLDING SHOWER SEAT	18"	18"	AS PER PLAN	
SSCR	BOBRICK 6047	SHOWER CURTAIN ROD	72"	72"	ONE EACH SHOWER	PROVIDE VINYL SHOWER CURTAIN BOBRICK 204-2/204-3 W/ HOOKS
SDH	BOBRICK 4390	RECESSED SOAP DISH	48"/34"HC	34"	AS PER PLAN	
DRH	BOBRICK 7672	DOUBLE ROBE HOOK	72"/48"HC	48"	ONE EACH SHOWER	
MPR	BOBRICK 239x34	MOP RACK	72"	NA	ONE EACH CUSTODIAN ROOM	PLACE OVER MOP SINK
SSWS		STAINLESS STEEL WALL SHIELD			AS PER PLAN	16 GA. TYPE 304 STAINLESS STEEL

PROVIDE SOLID 2x BLOCKING AS REQUIRED FOR TOILET ACCESSORIES AND DOOR STOPS * ACCESSORIES BY G.C. UNLESS OTHERWISE NOTED

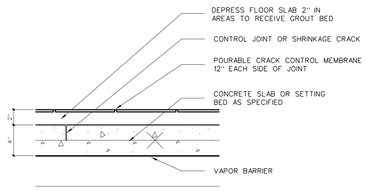
FIXTURE MOUNTING HEIGHT

DESCRIPTION		HEIGHT A.F.F. STAFF	HEIGHT A.F.F. STUDENT	NUMBER REQUIRED	REMARKS
LAVATORY		34"	31"	AS PER PLAN	MOUNTING HT. TO RIM
URINAL		22"/17"HC	22"/17"HC	AS PER PLAN	MOUNTING HT. TO RIM
WATER CLOSET				AS PER PLAN	SEE PLUMBING DRAWINGS
ELECTRIC WATER COOLER		40"/36"HC	36"	AS PER PLAN	MOUNTING HT. TO SPOUT

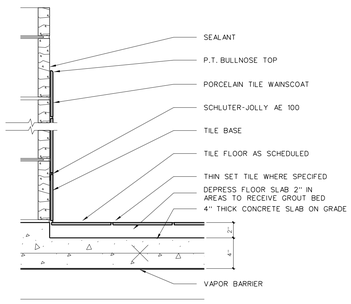
NOTE: SEE CLASSROOM INTERIOR ELEVATIONS FOR CLASSROOM FIXTURE MOUNTING HEIGHTS



209.4 THRESHOLD DETAIL
SCALE: FULL

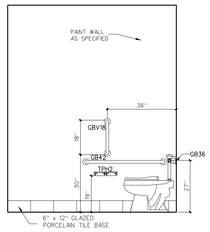


DETAIL @ CONTROL JOINT

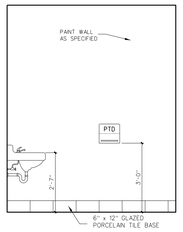


BASE / WAINSCOT DETAIL @ GROUT BED

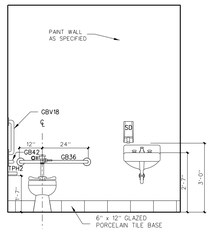
209.3 TILE DETAILS
SCALE: 1 1/2" = 1'-0"



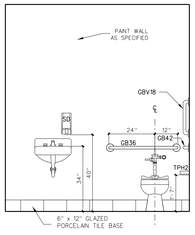
C TOILET 201-A & 201-B (MIRRORED)



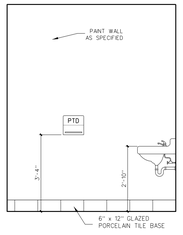
B TOILET 201-A & 201-B (MIRRORED)



A TOILET 201-A & 201-B (MIRRORED)



C STAFF 217 & 218 O.H. (MIRRORED)



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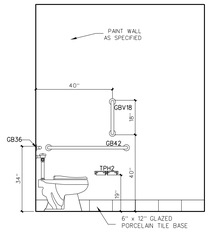

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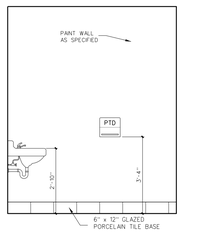
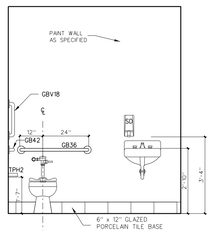
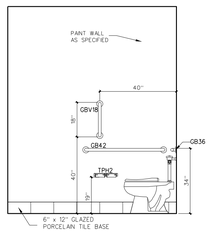


C STAFF 223 & 224 O.H.

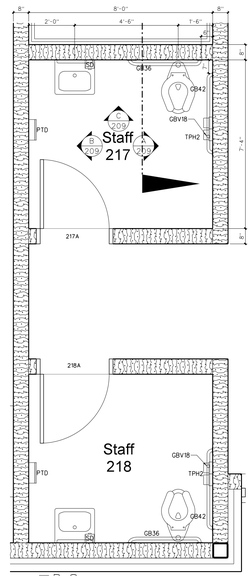


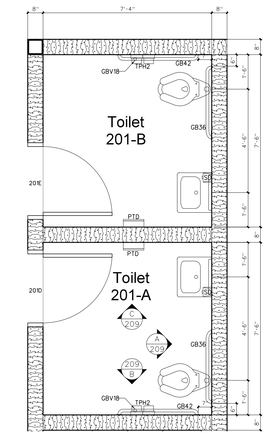
B STAFF 223 & 224 O.H.

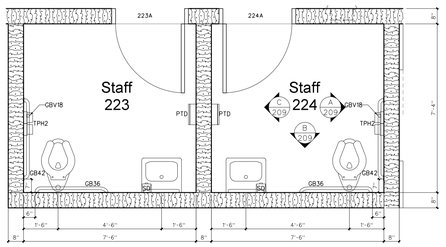


A STAFF 223 & 224 O.H.

209.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"







209.1 ENLARGED TOILET PLAN
SCALE: 3/8" = 1'-0"

No.	Date	Revision

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HITE ASSOCIATES, P.C. CERTIFICATE OF INCORPORATION NUMBER C-0418 GREENVILLE, N.C.

JAMES GRAY HITE REGISTERED ARCHITECT 3754 GREENVILLE, N.C.

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 209

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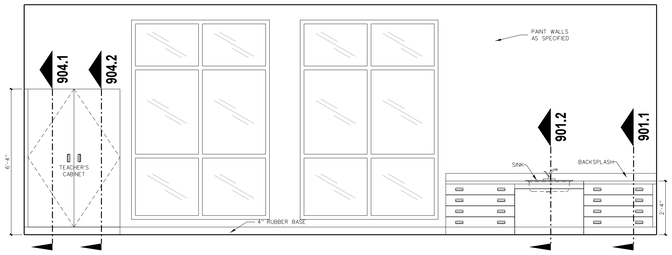
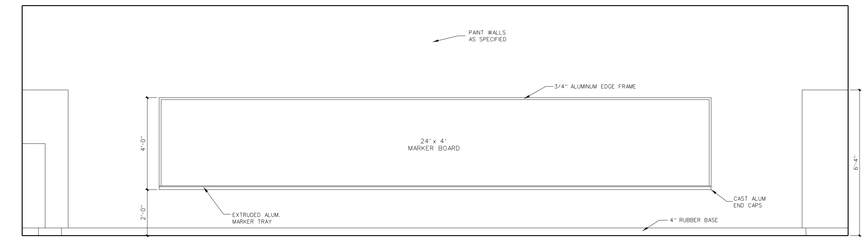
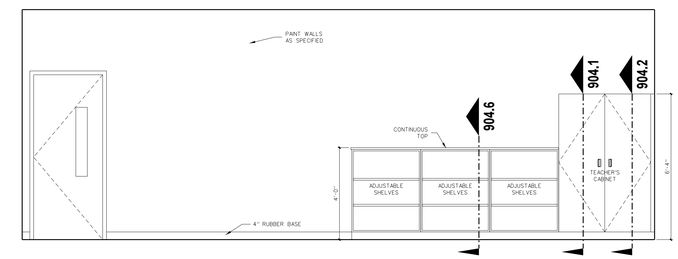


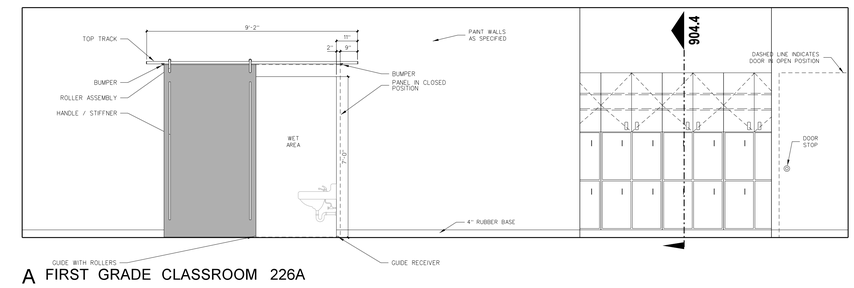
D FIRST GRADE CLASSROOM 226A



C FIRST GRADE CLASSROOM 226A

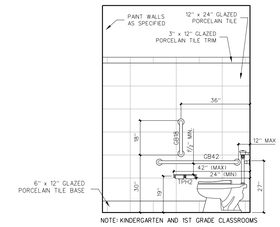


B FIRST GRADE CLASSROOM 226A



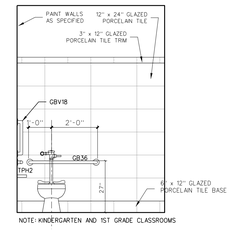
A FIRST GRADE CLASSROOM 226A

210.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



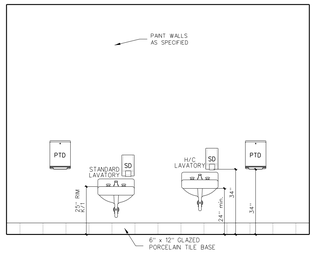
NOTE: KINDERGARTEN AND 1ST GRADE CLASSROOMS

B TYPICAL K-1ST (200 UNIT)

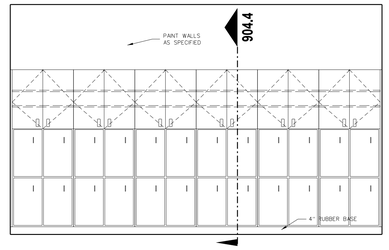


NOTE: KINDERGARTEN AND 1ST GRADE CLASSROOMS

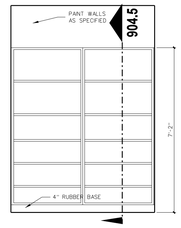
A TYPICAL K-1ST (200 UNIT)



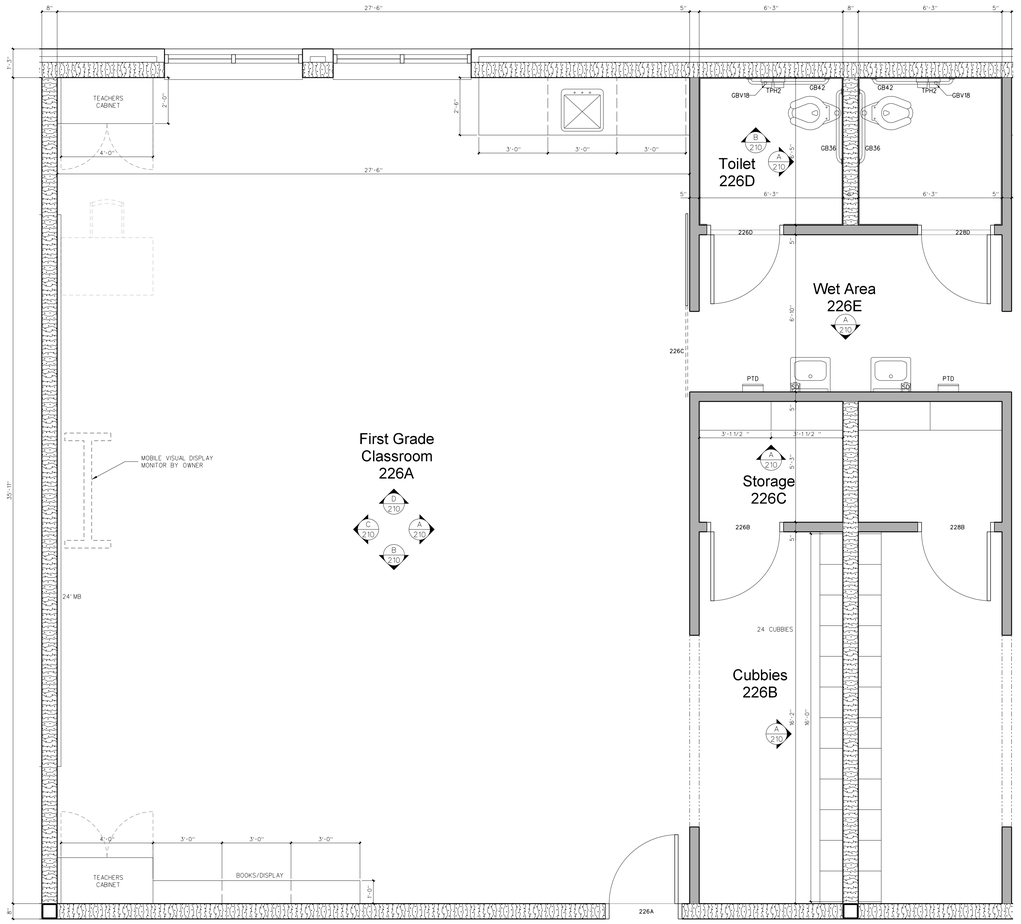
A WET AREA 226E



A CUBBIES 226B



A STORAGE 226C



210.1 ENLARGED FLOOR PLAN
SCALE: 3/8" = 1'-0"

No.	Date	Revision

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JAMES GRAY HITE REGISTERED ARCHITECT 3754 GREENVILLE, NC

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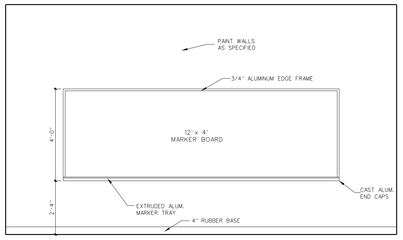
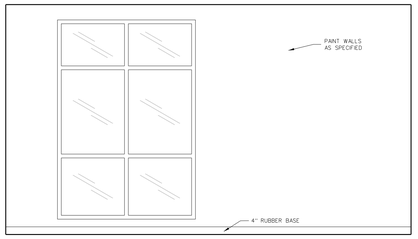


C RESOURCE 219



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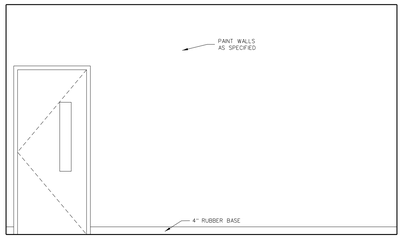

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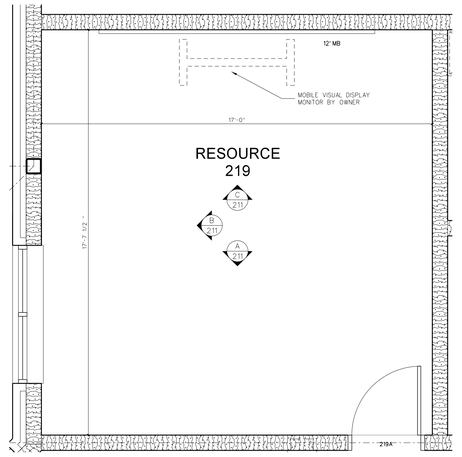

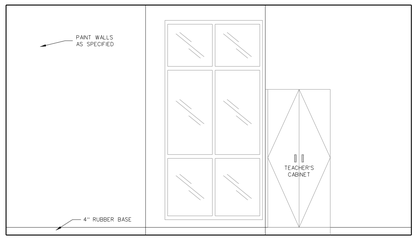

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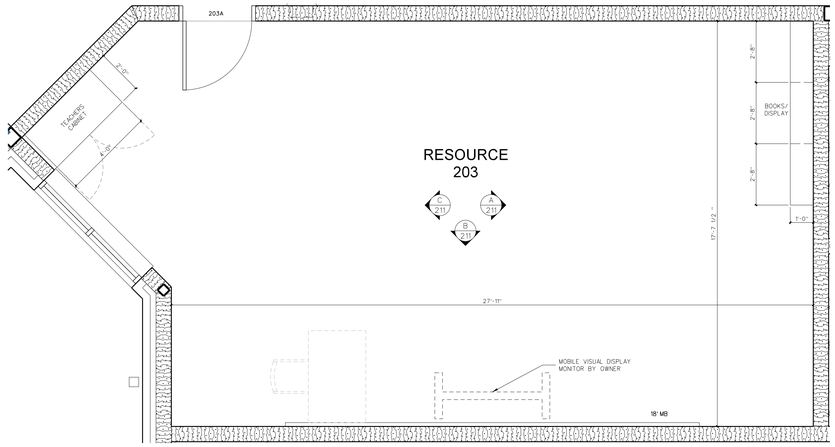

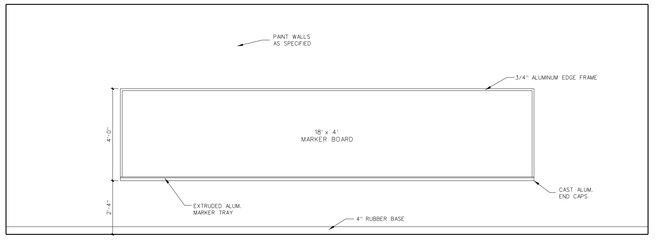

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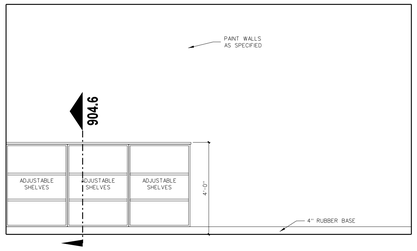

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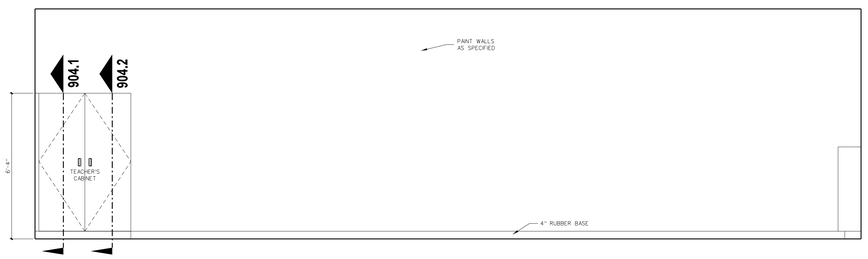
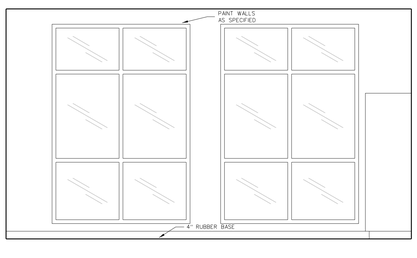


D RESOURCE 205 & 222



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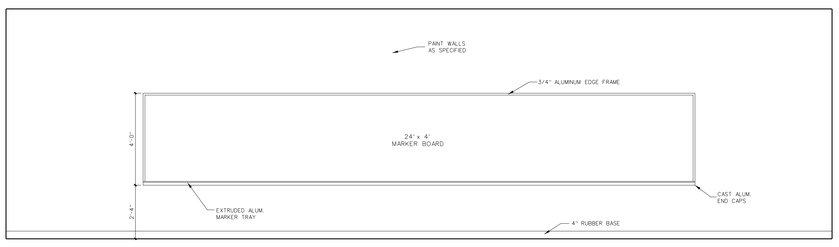

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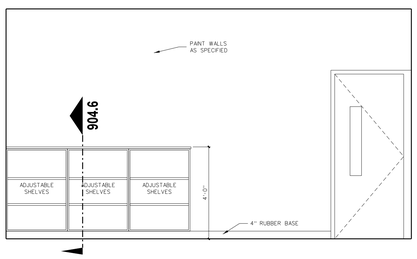

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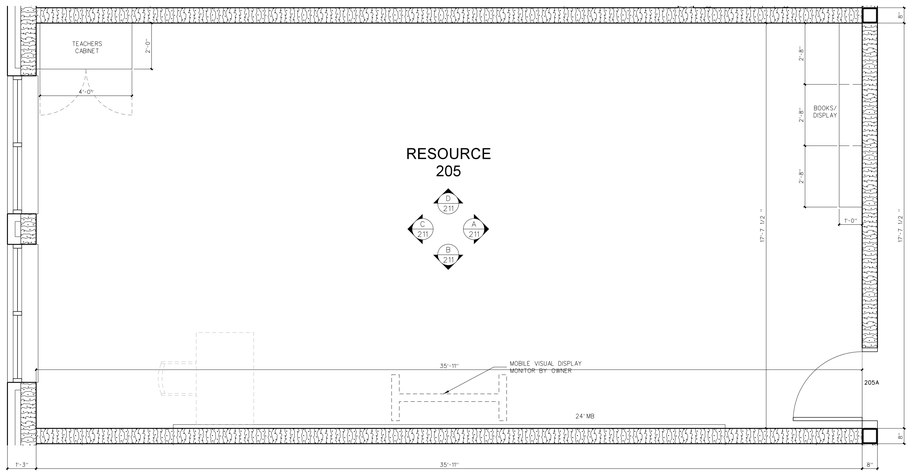

211.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"

211.1 ENLARGED FLOOR PLAN
SCALE: 3/8" = 1'-0"

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NUMBER 3734
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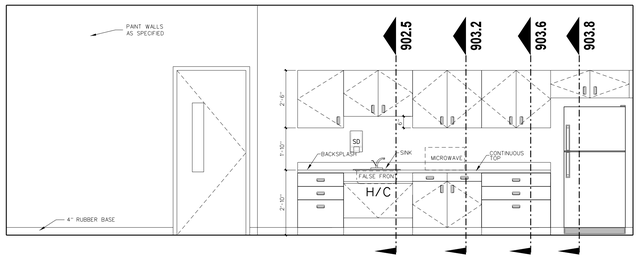
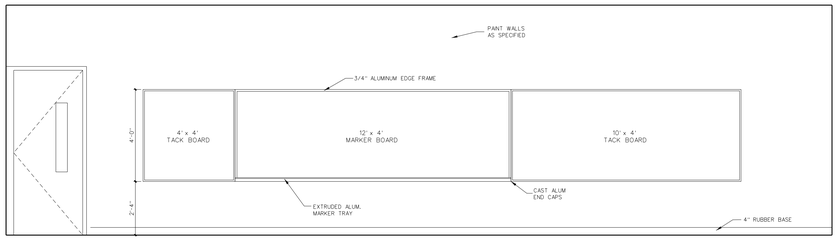


D STAFF PLANNING 204



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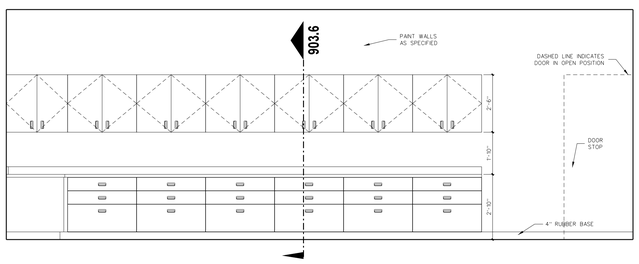

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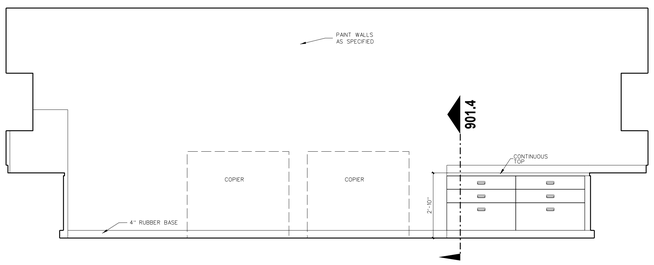
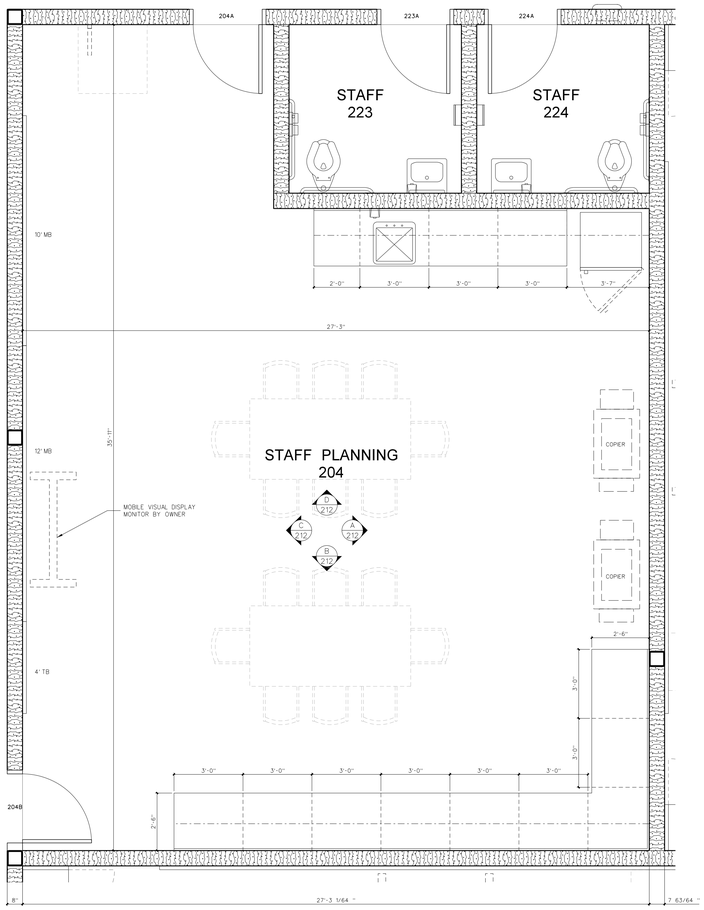


A STAFF PLANNING 204

212.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



212.1 ENLARGED FLOOR PLAN
SCALE: 3/8" = 1'-0"

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JAMES GRAY HITE REGISTERED ARCHITECT 3754 GREENVILLE

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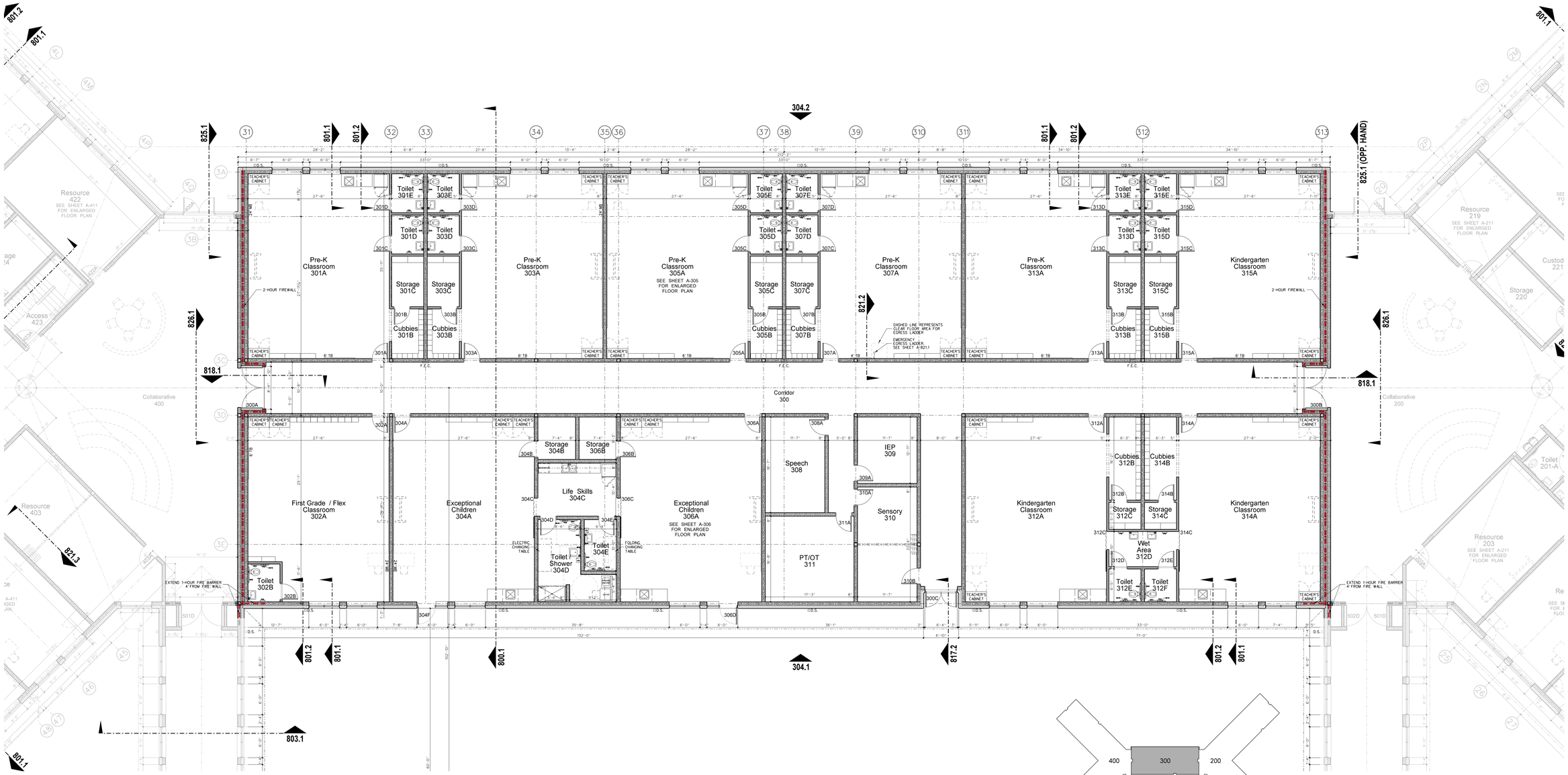
ABBREVIATIONS

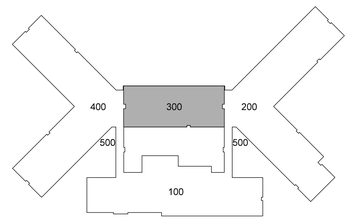
CB	CHALKBOARD
MB	MARKERBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
MT	MARBLE THRESHOLD
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
E.J.	EXPANSION JOINT
TD	TRAVEL DISTANCE

SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS

WALL LEGEND

- 8" CMU WALL
- 6 CMU WALL
- 8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 6" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 3 5/8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- SMOKE-RATED CONSTRUCTION
- ONE HOUR RATED FIRE BARRIER
- TWO HOUR RATED FIRE WALL





KEY PLAN

NORTH

301.1 300 BUILDING FLOOR PLAN - PRE-K / E.C.

SCALE: 1/8" = 1'-0"

No.	Date	Revision

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GENERAL NOTES FOR UTILITY PLATFORMS:

(1) GENERAL CONTRACTOR TO PROVIDE (2) COATS CLEAR GLOSS POLYURETHANE FLOOR SEALER FOLLOWING FINAL CLEAN AND APPROVAL OF ARCHITECT.

(2) CMU WALLS WHERE INDICATED SHALL BE RUN SOLID TO BOTTOM OF DECK, GROUTED SOLID TO DECK. ALL OTHER CMU WALLS, UNLESS OTHERWISE NOTED, SHALL BE RUN TO FULL BLOCK COURSE ABOVE CEILING. UNBRACED SECTIONS OF LESS-THAN-FULL-HEIGHT WALLS SHALL BE BRACED TO ROOF. SEE STRUCTURAL DRAWINGS.

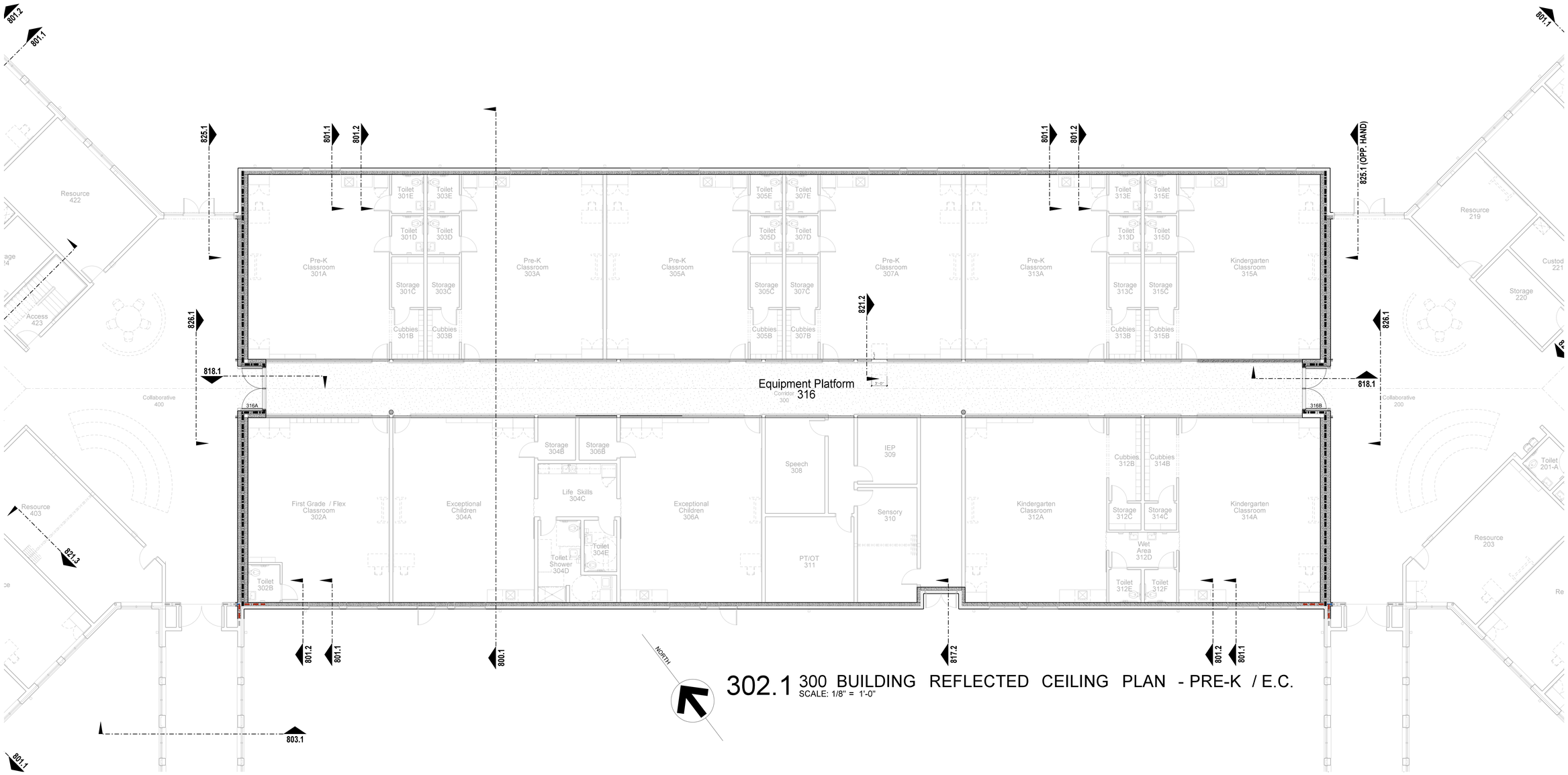
(3) CMU WALL INTERSECTIONS SHALL BE BONDED WITH HOT DIPPED GALVANIZED HARDWARE CLOTH EACH COURSE, AND PREFORMED "T" HORIZONTAL REINFORCING AS SPECIFIED AT 16" ON CENTER.

(4) PROVIDE WALL CONTROL AND EXPANSION JOINTS WHERE SHOWN AND DETAILED OR IN PRE-APPROVED, ALTERNATING LOCATIONS 32' ON CENTER MAXIMUM. PROVIDE IN ONE SIDE OF EACH OPENING IN MASONRY WALLS: BOTH SIDES IN OPENINGS WITH WIDTH EXCEEDING 5'-0". SEE DETAIL.

(5) PROVIDE WALL EXPANSION JOINTS AT POINTS AND INTERSECTIONS WHERE INDICATED; ½" WIDE, FILLED WITH EXPANSION JOINT MATERIAL AND CAULK, WITH BACKER ROD.

(6) ALL 45° CMU WALL BENDS SHALL BE CONSTRUCTED WITH SPECIAL PRECAST UNITS.

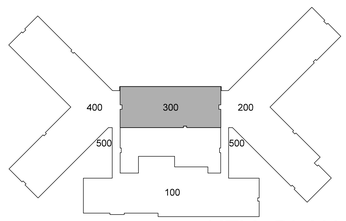
(7) INTERIOR CMU JOINTS SHALL BE TOOLED CONCAVE.



NORTH

302.1 300 BUILDING REFLECTED CEILING PLAN - PRE-K / E.C.

SCALE: 1/8" = 1'-0"



KEY PLAN

No.	Date	Revision

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CEILING FINISH SCHEDULE

TYPE 1
24"x24"x ⅝" ROCKFON ARTIC 600 SQUARE LAY-IN / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 2
24"x24"x ⅝" ROCKFON ARTIC 600 SQUARE TEGULAR / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 3
24"x24"x ½" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL PRELUDE PLUS GRID.

TYPE 4
⅝" GYPSUM BOARD ON METAL STUD FRAMING AT 24" O.C.

TYPE 5
⅝" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM

TYPE 6
⅝" FIRECODE GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM.
SMOKE RESISTANT CONSTRUCTION.

TYPE 7
ARMSTRONG FELTWORKS EBBS AND FLOWS LOUVERED CEILING SYSTEM @ 8" O.C.
PAINT WALLS AND EXPOSED STRUCTURE ABOVE BLACK.

TYPE 8
EXPOSED STRUCTURE (ACOUSTICAL SPRAY MATERIAL AS NOTED)

TYPE 9
ALUCOBOND ACM PANEL SYSTEM ON HAT CHANNELS / FRAMING SYSTEM

TYPE 10
MAPE'S SUPER LUMIDECK FLAT SOFFIT

TYPE 11
ALUMINUM CANOPY AS DETAILED - SEE SHEET A-917

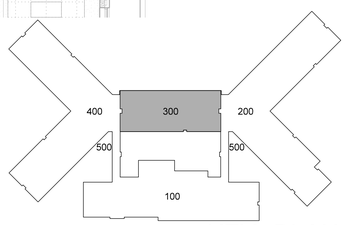
NOTE:
(1) PROVIDE TYPE 1 CEILING UNLESS OTHERWISE NOTED.
(2) PROVIDE 24" x 24" CEILING ACCESS DOOR IN EACH SPACE WITH DRYWALL CEILING.

LEGEND - REFLECTED CEILING PLAN

- 2 — CEILING TYPE - SEE CEILING FINISH SCHEDULE
- XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR
- SLOPED CEILING
- LS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - LOW SIDE
- HS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - HIGH SIDE
- 2 x 2 ACOUSTICAL TILE AND GRID
- GYPBOARD CEILING
- MR — MOISTURE RESISTANT GYPBOARD CEILING
- EXPSTR — EXPOSED STRUCTURE
- METAL SOFFIT
- EIFS — EIFS SOFFIT
- DROP-IN TRAY FOR VIDEO MONITOR CEILING BRACKET
- DROP-IN TRAY FOR LCD PROJECTOR CEILING BRACKET
- FLUORESCENT LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CEILING MOUNTED TRACK LIGHTING
- SP — SPEAKER
- SUPPLY AIR GRILLE
- RETURN AIR GRILLE
- EXHAUST FAN
- S — SMOKE SENSOR
- SECURITY CAMERA

303.1 300 BUILDING REFLECTED CEILING PLAN - PRE-K / E.C.
SCALE: 1/8" = 1'-0"

NORTH



KEY PLAN

No.	Date	Revision

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GREENVILLE, N.C.

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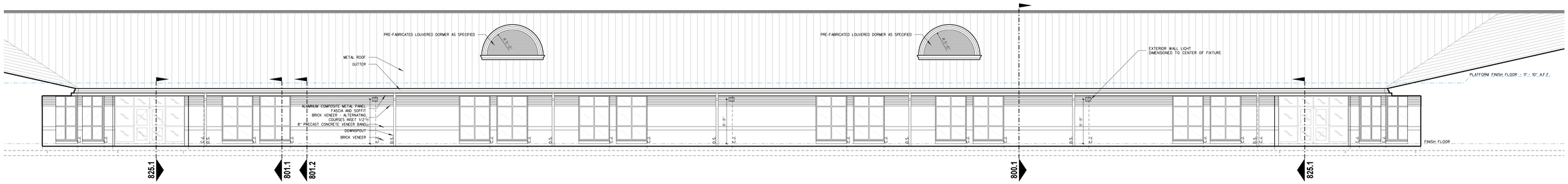
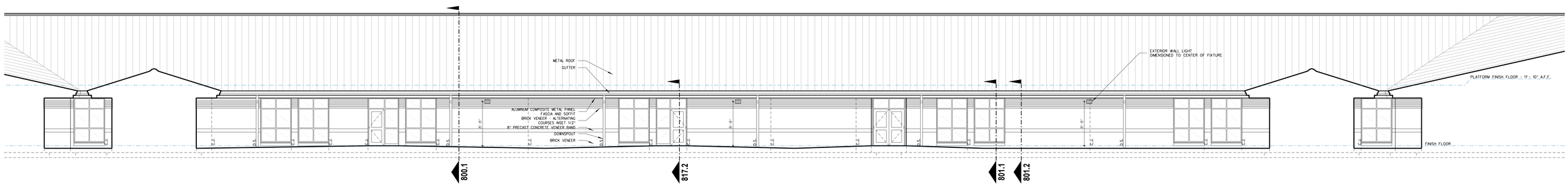
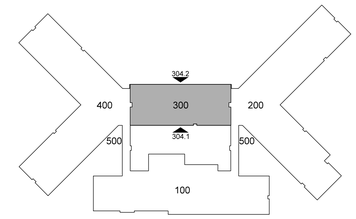


304.2 300 BUILDING EXTERIOR ELEVATION - EAST
SCALE: 1/8" = 1'-0"



304.1 300 BUILDING EXTERIOR ELEVATION - WEST
SCALE: 1/8" = 1'-0"



KEY PLAN

No.	Date	Revision

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JAMES GRAY HITE — REGISTERED ARCHITECT — 3754 — GREENVILLE, N.C.

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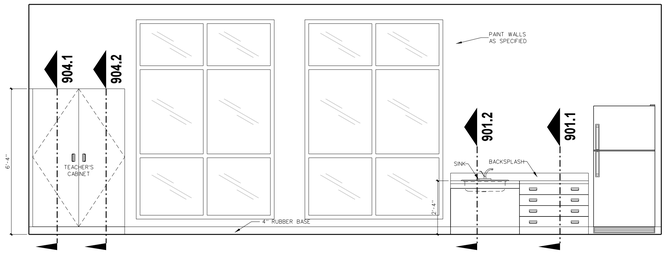
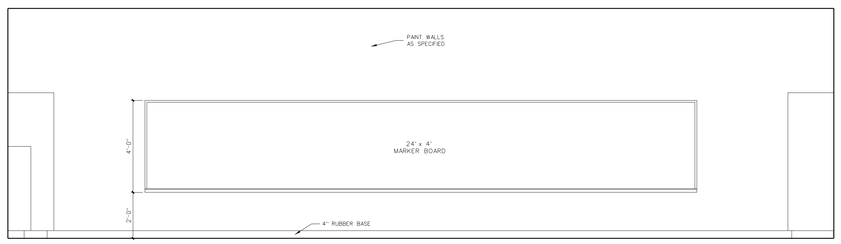
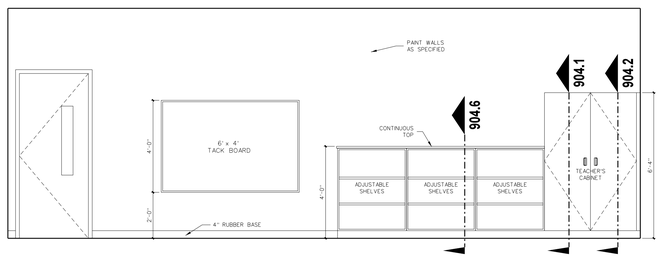


D PRE-K CLASSROOM 313A



C PRE-K CLASSROOM 313A



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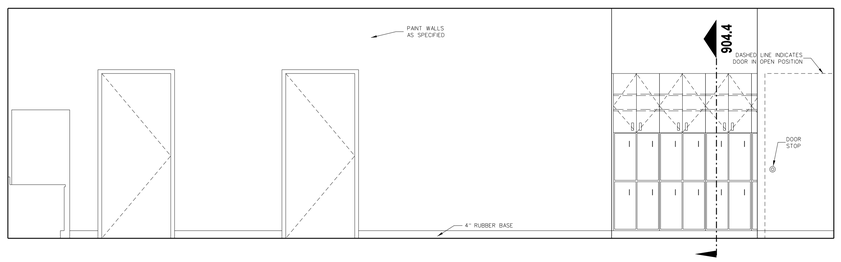
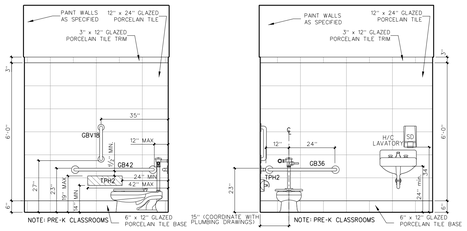


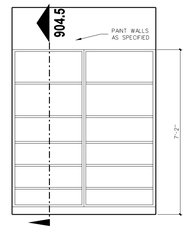
A PRE-K CLASSROOM 313A

305.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"

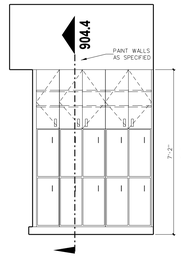


B TOILET 313D & 313E

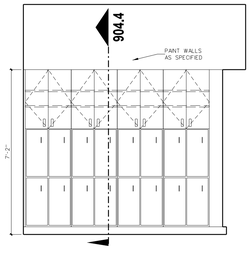
A TOILET 313D & 313E



A STORAGE 313C



B CUBBIES 313B



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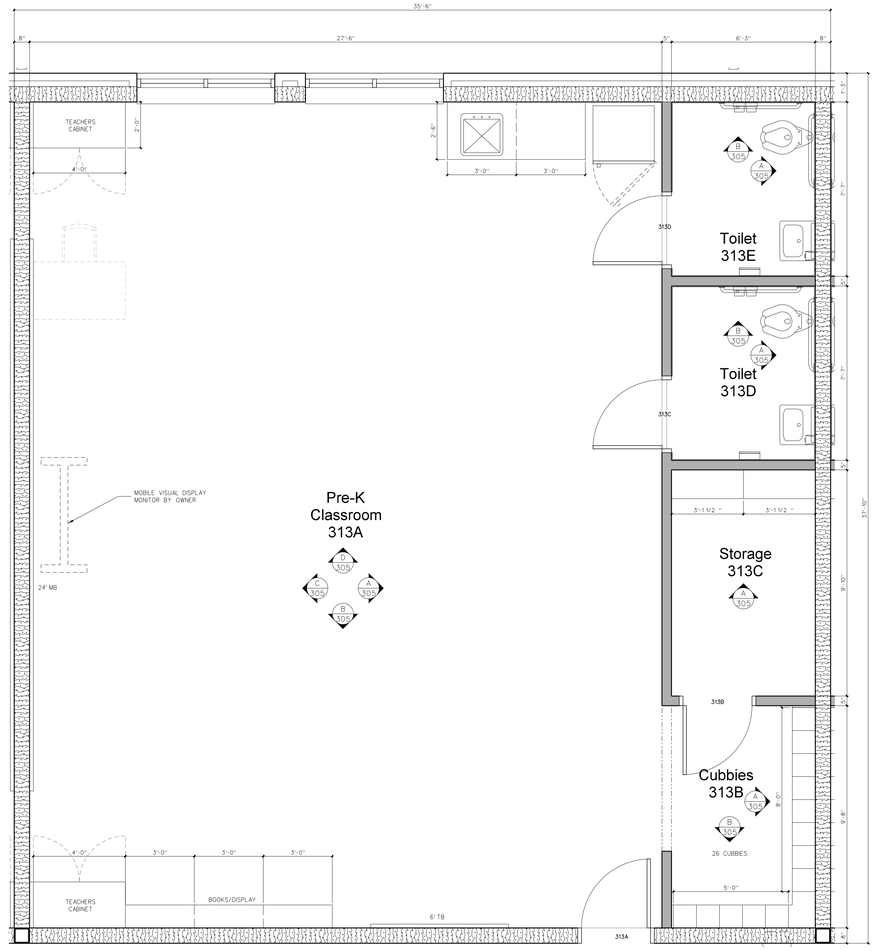

305.1 ENLARGED FLOOR PLAN
SCALE: 3/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. GREENVILLE
CERTIFICATE NUMBER 418
JAMES GRAY HITE GREENVILLE
REGISTERED ARCHITECT 3754

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 305

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TOILET ACCESSORY SCHEDULE

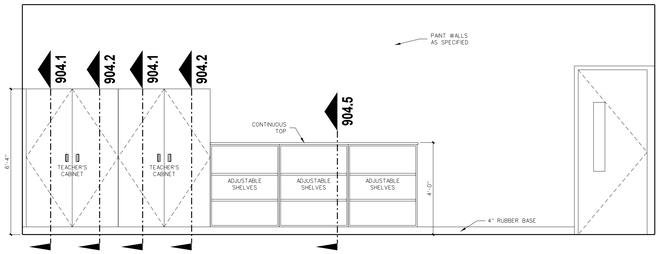
MARK	MODEL	DESCRIPTION	HEIGHT A.F.F. STAFF	HEIGHT A.F.F. STUDENT	NUMBER REQUIRED	REMARKS
SD	BY OWNER	SOAP DISPENSER	40"	36"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
PTD	BY OWNER	PAPER TOWEL DISPENSER	40"	36"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH1	BY OWNER	TOILET PAPER HOLDER	19"	19"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH2	BOBRICK B-2740	2-ROLL TOILET TISSUE DISPENSER	19" BOTTOM	19" BOTTOM	AS PER PLAN	BLACK TRANSLUCENT
SND	BOBRICK B-254	SANITARY NAPKIN DISPOSAL	19" BOTTOM	NA	AS PER PLAN	BY OWNER - GC TO INSTALL
MR36	BOBRICK 165-1836	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	AS PER PLAN	
MR60	BOBRICK 165-2460	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	AS PER PLAN	
MR-C	CUSTOM	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	SEE ELEV. AS PER PLAN	
GB18	BOBRICK 6806-18	18" GRAB BAR	34"	27"	AS PER PLAN	
GBV18	BOBRICK 6806-18	18" VERTICAL GRAB BAR	40"BOTTOM	30"BOTTOM	AS PER PLAN	
GB30	BOBRICK 6806-30	30" GRAB BAR	34"	27"	AS PER PLAN	
GB36	BOBRICK 6806-36	36" GRAB BAR	34"	27"	AS PER PLAN	
GB42	BOBRICK 6806-42	42" GRAB BAR	34"	27"	AS PER PLAN	
GB48	BOBRICK 6806-48	48" GRAB BAR	34"	27"	AS PER PLAN	ONE EACH H/C SHOWER
GB6861	BOBRICK 6861	TWO WALL GRAB BAR	34"	27"	AS PER PLAN	
FSS-1 (L/R)	BOBRICK 5181	FOLDING SHOWER SEAT	18"	18"	AS PER PLAN	
SSCR	BOBRICK 6047	SHOWER CURTAIN ROD	72"	72"	ONE EACH SHOWER	PROVIDE VINYL SHOWER CURTAIN BOBRICK 204-2/204-3 W/ HOOKS
SDH	BOBRICK 4.390	RECESSED SOAP DISH	48"/34"HC	34"	AS PER PLAN	
DRH	BOBRICK 7672	DOUBLE ROBE HOOK	72"/48"HC	48"	ONE EACH SHOWER	
MPR	BOBRICK 2.39x34	MOP RACK	72"	NA	ONE EACH CUSTODIAN ROOM	PLACE OVER MOP SINK
SSWS		STAINLESS STEEL WALL SHIELD			AS PER PLAN	16 GA. TYPE 304 STAINLESS STEEL

PROVIDE SOLID 2x BLOCKING AS REQUIRED FOR TOILET ACCESSORIES AND DOOR STOPS * ACCESSORIES BY G.C. UNLESS OTHERWISE NOTED

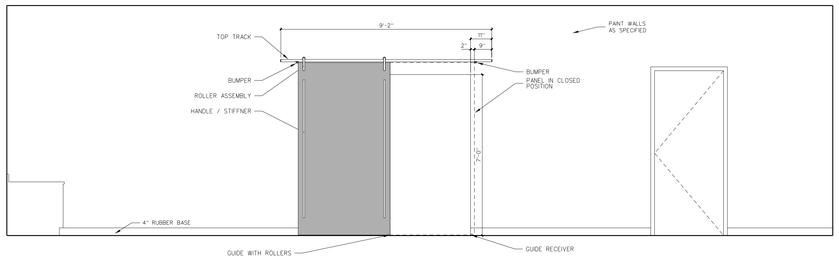
FIXTURE MOUNTING HEIGHT

DESCRIPTION		HEIGHT A.F.F. STAFF	HEIGHT A.F.F. STUDENT	NUMBER REQUIRED	REMARKS
LAVATORY		34"	31"	AS PER PLAN	MOUNTING HT. TO RIM
URINAL		22"/17"HC	22"/17"HC	AS PER PLAN	MOUNTING HT. TO RIM
WATER CLOSET				AS PER PLAN	SEE PLUMBING DRAWINGS
ELECTRIC WATER COOLER		40"/36"HC	36"	AS PER PLAN	MOUNTING HT. TO SPOUT

NOTE: SEE CLASSROOM INTERIOR ELEVATIONS FOR CLASSROOM FIXTURE MOUNTING HEIGHTS



D EXCEPTIONAL CLASSROOM 306A



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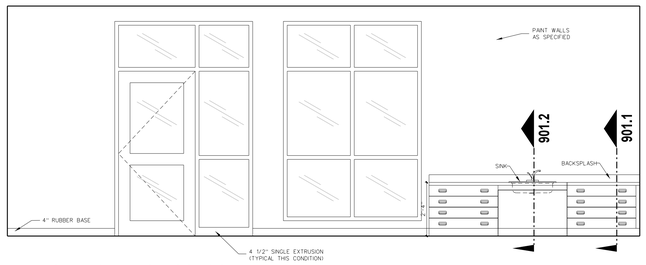

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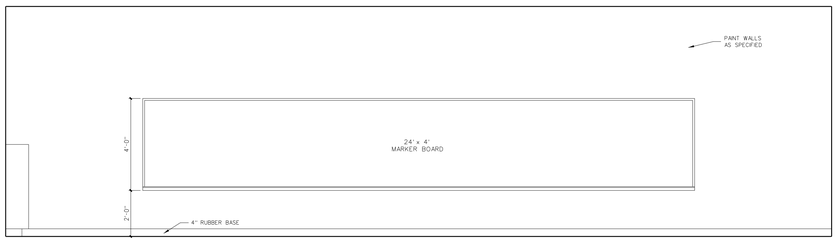
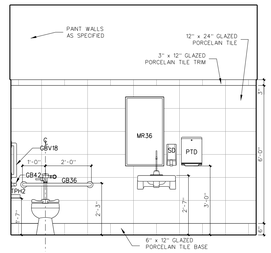


A EXCEPTIONAL CLASSROOM 306A

306.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



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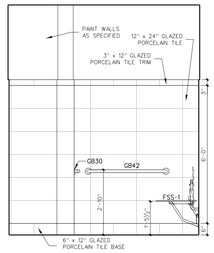

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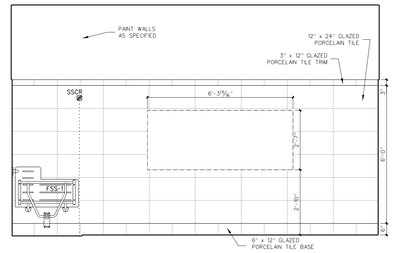

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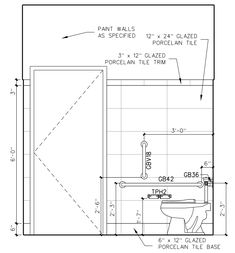
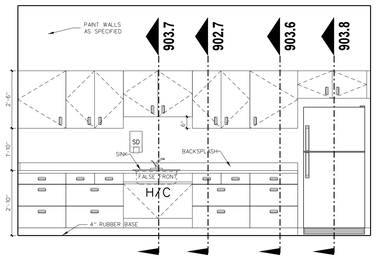
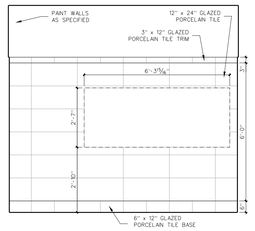


D TOILET 304D



A LIFE SKILLS 304C



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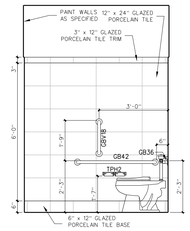

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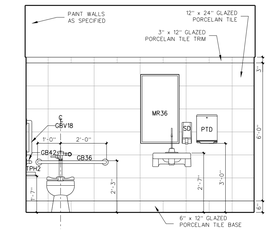

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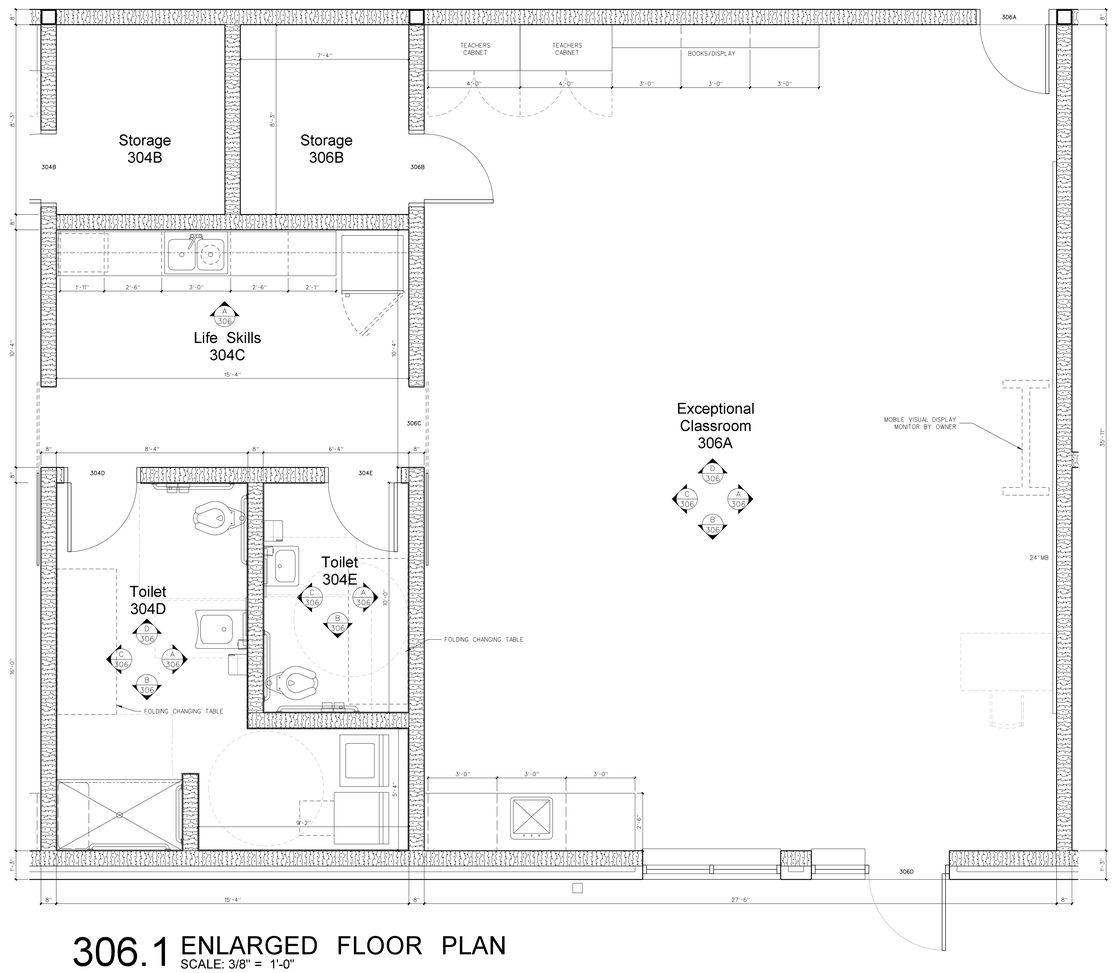

306.1 ENLARGED FLOOR PLAN
SCALE: 3/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. CORPORATION NUMBER C-0418 GREENVILLE, NC

JAMES GRAY HITE REGISTERED ARCHITECT 3754 GREENVILLE, NC

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date 1 July 2024
Drawing no. A 306

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ABBREVIATIONS

CB	CHALKBOARD
MB	MARKERBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
MT	MARBLE THRESHOLD
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
E.J.	EXPANSION JOINT
TD	TRAVEL DISTANCE

SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS

WALL LEGEND

- 8" CMU WALL
- 6 CMU WALL
- 8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 6" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 3 5/8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- SMOKE-RATED CONSTRUCTION
- ONE HOUR RATED FIRE BARRIER
- TWO HOUR RATED FIRE WALL

SEE SHEET A-603 FOR COVERED WALK PLAN

MATCH LINE

EXTEND 1-HOUR FIRE BARRIER 4' FROM FIRE WALL

KEY PLAN

401.1 400 BUILDING FLOOR PLAN - SECOND / THIRD GRADE
SCALE: 1/8" = 1'-0"

No.	Date	Revision

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HITE ASSOCIATES, P.C. CERTIFICATE OF INCORPORATION NUMBER C-0418 GREENVILLE, NC

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Project No. 22344
Date: 1 July 2024
Drawing no. A 401

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ABBREVIATIONS

CB	CHALKBOARD
MB	MARKERBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
MT	MARBLE THRESHOLD
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
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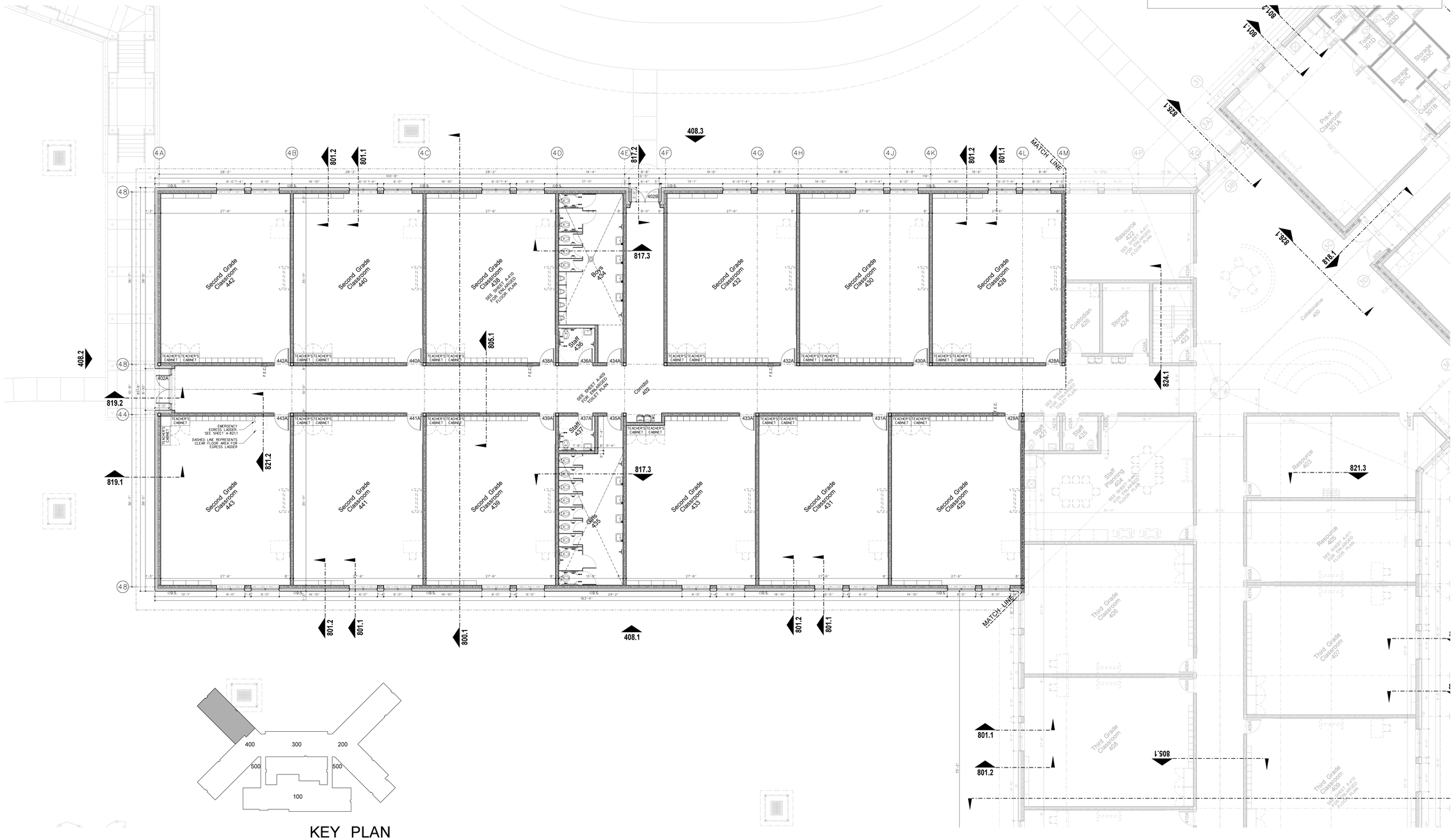

KEY PLAN

402.1 400 BUILDING FLOOR PLAN - SECOND / THIRD GRADE CLASSROOMS

SCALE: 1/8" = 1'-0"

NORTH

No.	Date	Revision

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HITE ASSOCIATES, P.C. ARCHITECTURAL CORPORATION CERTIFICATE NUMBER 418 GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3754 GREENVILLE

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Date: 1 July 2024
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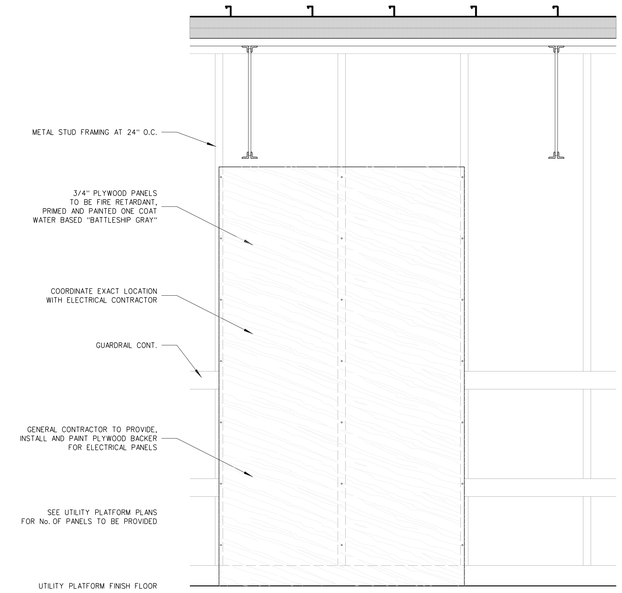


403.2 UTILITY PLATFORM ELECTRICAL PANEL BACKER
SCALE: 1" = 1'-0"

GENERAL NOTES FOR UTILITY PLATFORMS:

(1) GENERAL CONTRACTOR TO PROVIDE (2) COATS CLEAR GLOSS POLYURETHANE FLOOR SEALER FOLLOWING FINAL CLEAN AND APPROVAL OF ARCHITECT.

(2) CMU WALLS WHERE INDICATED SHALL BE RUN SOLID TO BOTTOM OF DECK, GROUTED SOLID TO DECK. ALL OTHER CMU WALLS, UNLESS OTHERWISE NOTED, SHALL BE RUN TO FULL BLOCK COURSE ABOVE CEILING. UNBRACED SECTIONS OF LESS-THAN-FULL-HEIGHT WALLS SHALL BE BRACED TO ROOF. SEE STRUCTURAL DRAWINGS.

(3) CMU WALL INTERSECTIONS SHALL BE BONDED WITH HOT DIPPED GALVANIZED HARDWARE CLOTH EACH COURSE, AND PREFORMED "T" HORIZONTAL REINFORCING AS SPECIFIED AT 16" ON CENTER.

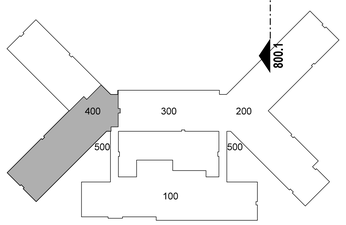
(4) PROVIDE WALL CONTROL AND EXPANSION JOINTS WHERE SHOWN AND DETAILED OR IN PRE-APPROVED, ALTERNATING LOCATIONS 32' ON CENTER MAXIMUM. PROVIDE IN ONE SIDE OF EACH OPENING IN MASONRY WALLS: BOTH SIDES IN OPENINGS WITH WIDTH EXCEEDING 5'-0". SEE DETAIL.

(5) PROVIDE WALL EXPANSION JOINTS AT POINTS AND INTERSECTIONS WHERE INDICATED, 7/8" WIDE, FILLED WITH EXPANSION JOINT MATERIAL AND CAULK, WITH BACKER ROD.

(6) ALL 45° CMU WALL BENDS SHALL BE CONSTRUCTED WITH SPECIAL PRECAST UNITS.

(7) INTERIOR CMU JOINTS SHALL BE TOOLED CONCAVE.

403.1 400 BUILDING REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN

No.	Date	Revision

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HITE ASSOCIATES, P.C. REGISTERED ARCHITECTURAL CORPORATION CERTIFICATE NUMBER 418 GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

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Date: 1 July 2024
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GENERAL NOTES FOR UTILITY PLATFORMS:

(1) GENERAL CONTRACTOR TO PROVIDE (2) COATS CLEAR GLOSS POLYURETHANE FLOOR SEALER FOLLOWING FINAL CLEAN AND APPROVAL OF ARCHITECT.

(2) CMU WALLS WHERE INDICATED SHALL BE RUN SOLID TO BOTTOM OF DECK, GROUTED SOLID TO DECK. ALL OTHER CMU WALLS, UNLESS OTHERWISE NOTED, SHALL BE RUN TO FULL BLOCK COURSE ABOVE CEILING. UNBRACED SECTIONS OF LESS-THAN-FULL-HEIGHT WALLS SHALL BE BRACED TO ROOF. SEE STRUCTURAL DRAWINGS.

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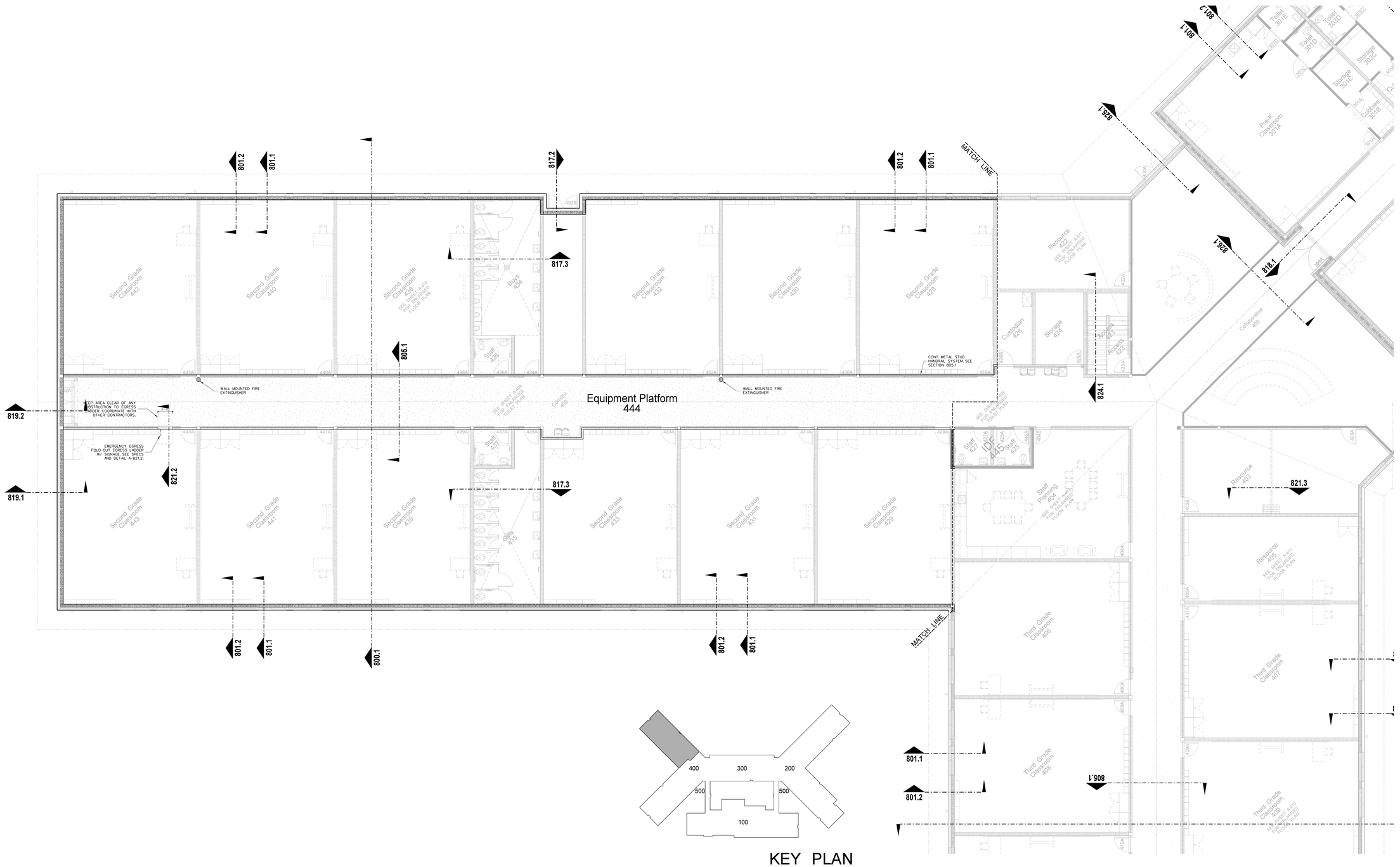

KEY PLAN

404.1 400 BUILDING REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

NORTH

No.	Date	Revision

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JAMES GRAY HITE
REGISTERED ARCHITECT
3754
STATE OF NORTH CAROLINA
GREENVILLE

HITE ASSOCIATES, P.C.
REGISTERED ARCHITECTURAL CORPORATION
CERTIFICATE NUMBER
418
STATE OF NORTH CAROLINA
GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 404

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CEILING FINISH SCHEDULE

TYPE 1
24"x24"x 5/8" ROCKFON ARTIC 600 SQUARE LAY-IN / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 2
24"x24"x 5/8" ROCKFON ARTIC 600 SQUARE TEGULAR / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 3
24"x24"x 1/2" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL PRELUDE PLUS GRID.

TYPE 4
5/8" GYPSUM BOARD ON METAL STUD FRAMING AT 24" O.C.

TYPE 5
5/8" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM

TYPE 6
5/8" FIRECODE GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM.
SMOKE RESISTANT CONSTRUCTION.

TYPE 7
ARMSTRONG FELTWORKS EBBS AND FLOWS LOUVERED CEILING SYSTEM @ 8" O.C.
PAINT WALLS AND EXPOSED STRUCTURE ABOVE BLACK.

TYPE 8
EXPOSED STRUCTURE (ACOUSTICAL SPRAY MATERIAL AS NOTED)

TYPE 9
ALUCOBOND ACM PANEL SYSTEM ON HAT CHANNELS / FRAMING SYSTEM

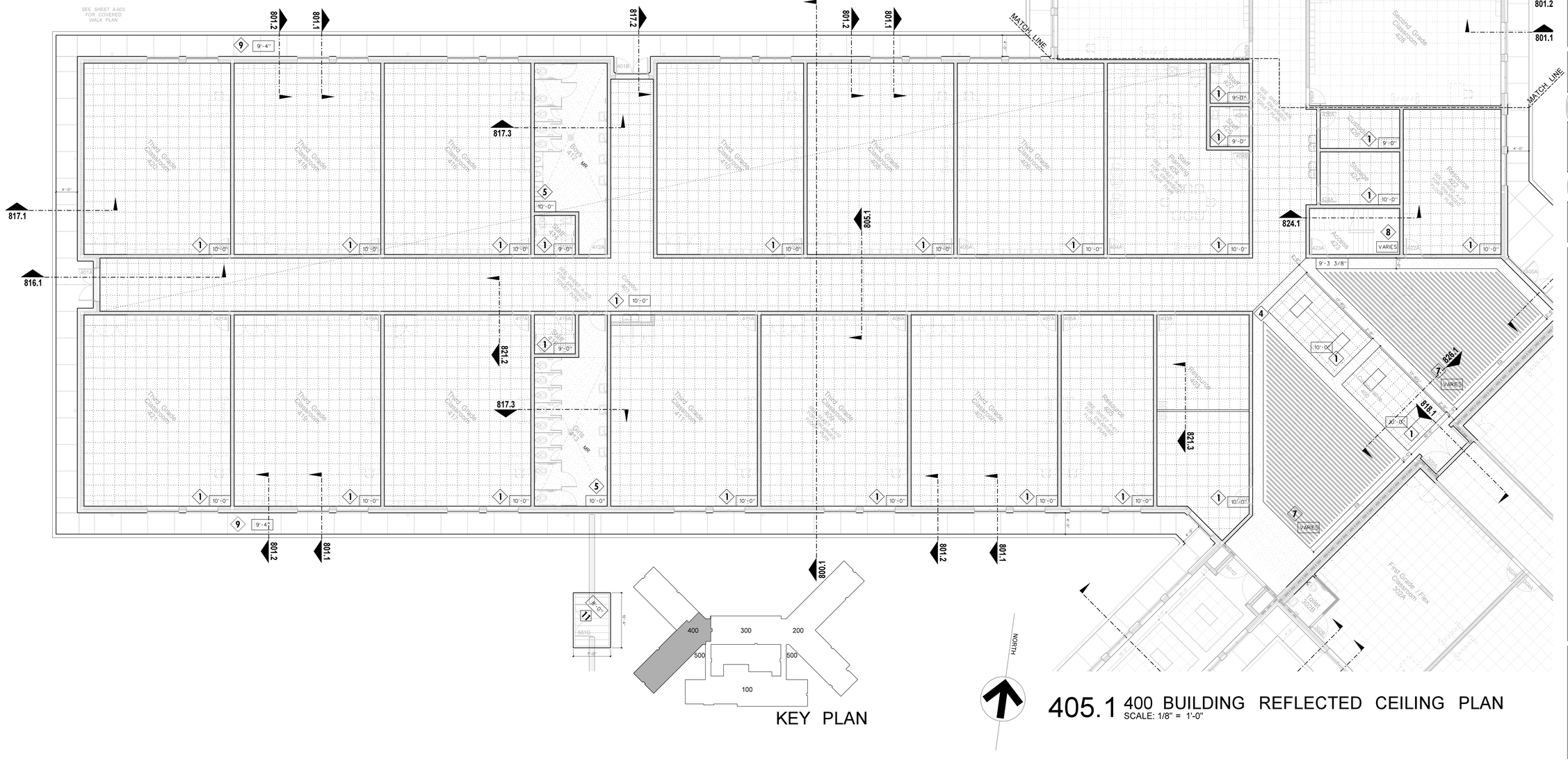
TYPE 10
MAPES SUPER LUMIDECK FLAT SOFFIT

TYPE 11
ALUMINUM CANOPY AS DETAILED - SEE SHEET A-917

NOTE:
(1) PROVIDE TYPE 1 CEILING UNLESS OTHERWISE NOTED.
(2) PROVIDE 24" x 24" CEILING ACCESS DOOR IN EACH SPACE WITH DRYWALL CEILING.

LEGEND - REFLECTED CEILING PLAN

- 2 — CEILING TYPE - SEE CEILING FINISH SCHEDULE
- XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR
- SLOPED CEILING
- LS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - LOW SIDE
- HS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - HIGH SIDE
- 2 x 2 ACOUSTICAL TILE AND GRID
- GYPBOARD CEILING
- MR — MOISTURE RESISTANT GYPBOARD CEILING
- EXPSTR — EXPOSED STRUCTURE
- METAL SOFFIT
- EIFS — EIFS SOFFIT
- VIDEO — DROP-IN TRAY FOR VIDEO MONITOR CEILING BRACKET
- LCDPJ — DROP-IN TRAY FOR LCD PROJECTOR CEILING BRACKET
- FLUORESCENT LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CEILING MOUNTED TRACK LIGHTING
- SP — SPEAKER
- SUPPLY AIR GRILLE
- RETURN AIR GRILLE
- EXHAUST FAN
- S — SMOKE SENSOR
- SECURITY CAMERA



405.1 400 BUILDING REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

No.	Date	Revision

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JAMES GRAY HITE — REGISTERED ARCHITECT 3754 — GREENVILLE

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LEGEND - REFLECTED CEILING PLAN

- 2 — CEILING TYPE - SEE CEILING FINISH SCHEDULE
- XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR
- SLOPED CEILING
- LS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - LOW SIDE
- HS XX'-X" — CEILING HEIGHT ABOVE FINISH FLOOR - HIGH SIDE
- 2 x 2 ACOUSTICAL TILE AND GRID
- GYPBOARD CEILING
- MR — MOISTURE RESISTANT GYPBOARD CEILING
- EXPSTR — EXPOSED STRUCTURE
- METAL SOFFIT
- EIFS — EIFS SOFFIT
- VIDEO — DROP-IN TRAY FOR VIDEO MONITOR CEILING BRACKET
- LCOS — DROP-IN TRAY FOR LCD PROJECTOR CEILING BRACKET
- FLUORESCENT LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- CEILING MOUNTED TRACK LIGHTING
- SP — SPEAKER
- SUPPLY AIR GRILLE
- RETURN AIR GRILLE
- EXHAUST FAN
- S — SMOKE SENSOR
- SECURITY CAMERA

CEILING FINISH SCHEDULE

TYPE 1
24"x24"x 5/8" ROCKFON ARTIC 600 SQUARE LAY-IN / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 2
24"x24"x 5/8" ROCKFON ARTIC 600 SQUARE TEGULAR / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 3
24"x24"x 1/2" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL PRELUDE PLUS GRID.

TYPE 4
5/8" GYPSUM BOARD ON METAL STUD FRAMING AT 24" O.C.

TYPE 5
5/8" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM

TYPE 6
5/8" FIRECODE GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM.
SMOKE RESISTANT CONSTRUCTION.

TYPE 7
ARMSTRONG FELTWORKS EBBS AND FLOWS LOUVERED CEILING SYSTEM @ 8" O.C.
PAINT WALLS AND EXPOSED STRUCTURE ABOVE BLACK.

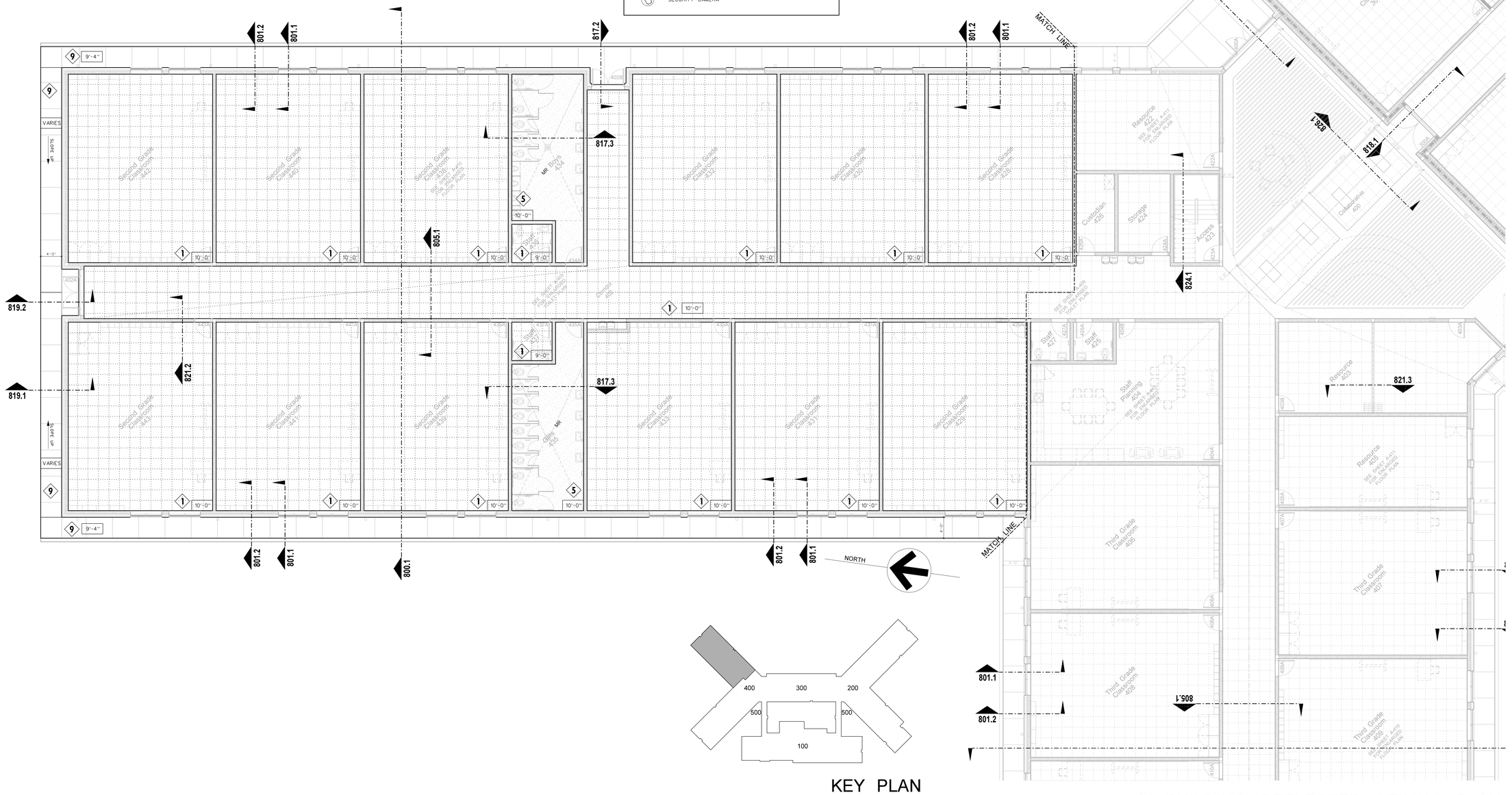
TYPE 8
EXPOSED STRUCTURE (ACOUSTICAL SPRAY MATERIAL AS NOTED)

TYPE 9
ALUCOBOND ACM PANEL SYSTEM ON HAT CHANNELS / FRAMING SYSTEM

TYPE 10
MAPES SUPER LUMIDECK FLAT SOFFIT

TYPE 11
ALUMINUM CANOPY AS DETAILED - SEE SHEET A-917

NOTE:
(1) PROVIDE TYPE 1 CEILING UNLESS OTHERWISE NOTED.
(2) PROVIDE 24" x 24" CEILING ACCESS DOOR IN EACH SPACE WITH DRYWALL CEILING.



KEY PLAN

406.1 400 BUILDING REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

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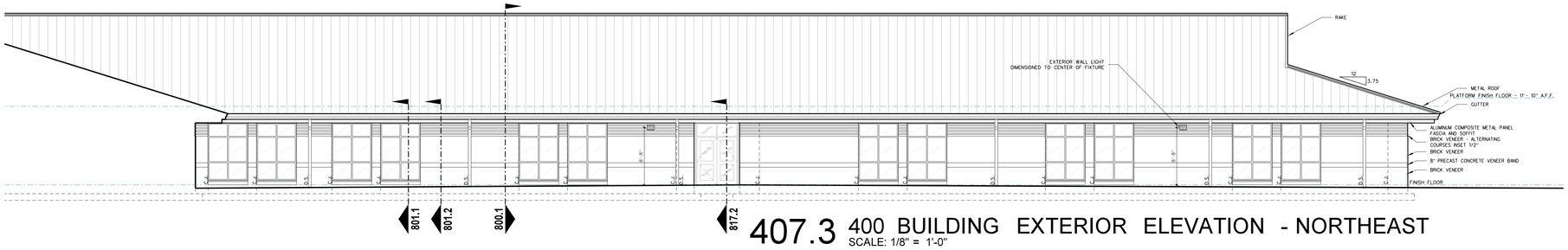
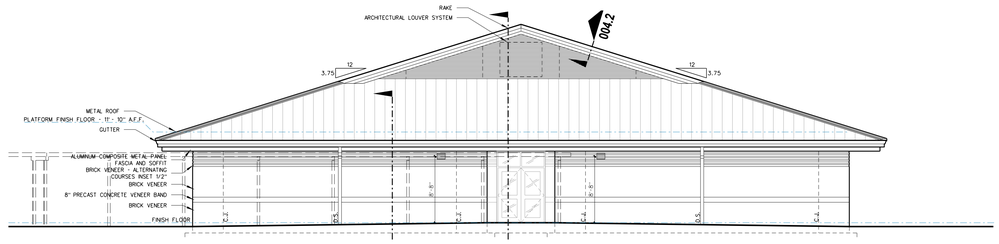
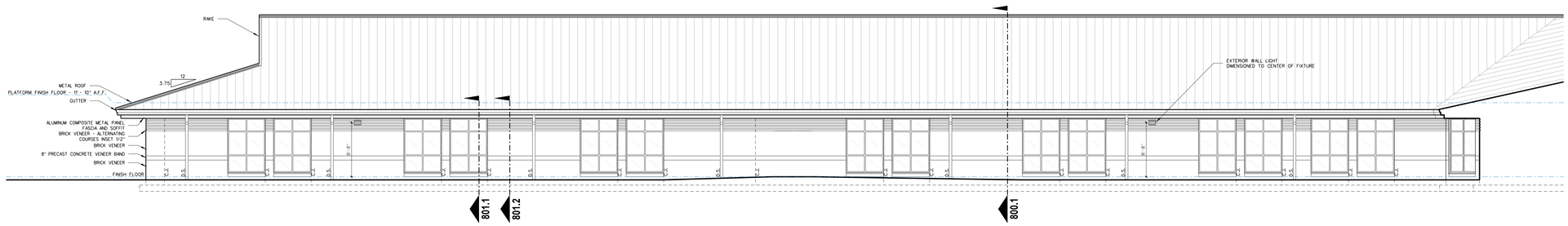


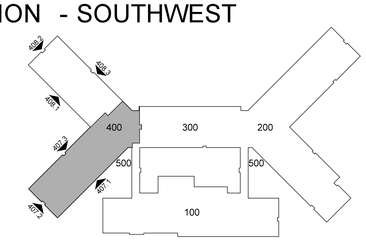
407.3 400 BUILDING EXTERIOR ELEVATION - NORTHEAST
SCALE: 1/8" = 1'-0"



407.2 400 BUILDING EXTERIOR ELEVATION - NORTHWEST ENDWALL
SCALE: 1/8" = 1'-0"



407.1 400 BUILDING EXTERIOR ELEVATION - SOUTHWEST
SCALE: 1/8" = 1'-0"



KEY PLAN

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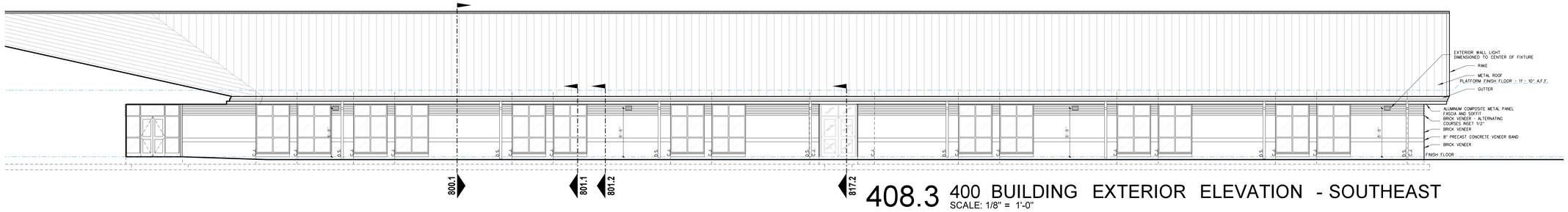
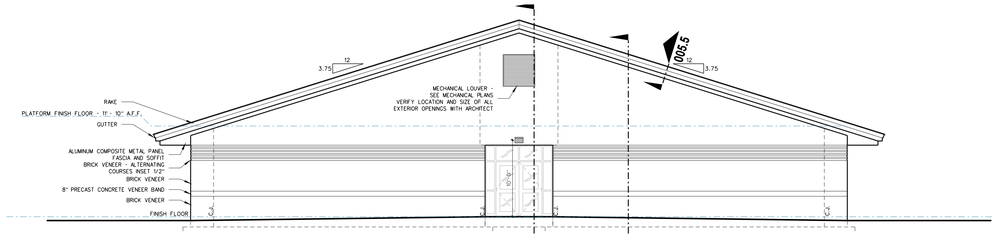
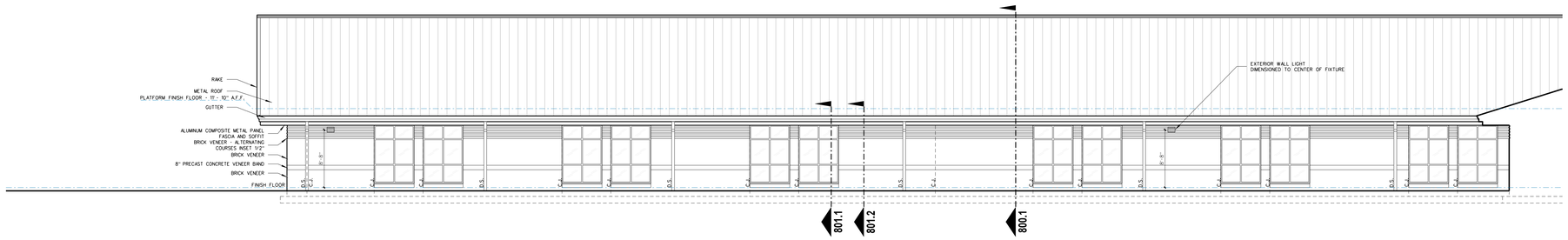


408.3 400 BUILDING EXTERIOR ELEVATION - SOUTHEAST
SCALE: 1/8" = 1'-0"



408.2 400 BUILDING EXTERIOR ELEVATION - NORTHEAST ENDWALL
SCALE: 1/8" = 1'-0"



408.1 400 BUILDING EXTERIOR ELEVATION - NORTHWEST
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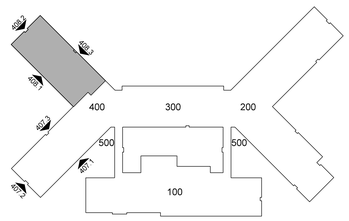

KEY PLAN

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TOILET ACCESSORY SCHEDULE

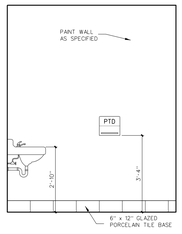
MARK	MODEL	DESCRIPTION	HEIGHT A.F.F. STAFF	HEIGHT A.F.F. STUDENT	NUMBER REQUIRED	REMARKS
SD	BY OWNER	SOAP DISPENSER	40"	36"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
PTD	BY OWNER	PAPER TOWEL DISPENSER	40"	36"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH1	BY OWNER	TOILET PAPER HOLDER	19"	19"	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH2	BOBRICK B-2740	2-ROLL TOILET TISSUE DISPENSER	19" BOTTOM	19" BOTTOM	AS PER PLAN	BLACK TRANSLUCENT
SND	BOBRICK B-254	SANITARY NAPKIN DISPOSAL	19" BOTTOM	NA	AS PER PLAN	BY OWNER - GC TO INSTALL
MR36	BOBRICK 165-1836	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	AS PER PLAN	
MR60	BOBRICK 165-2460	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	AS PER PLAN	
MR-C	CUSTOM	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	SEE ELEV.	SEE ELEV.	SEE ELEV. AS PER PLAN	
GB18	BOBRICK 6806-18	18" GRAB BAR	34"	27"	AS PER PLAN	
GBV18	BOBRICK 6806-18	18" VERTICAL GRAB BAR	40"BOTTOM	30"BOTTOM	AS PER PLAN	
GB30	BOBRICK 6806-30	30" GRAB BAR	34"	27"	AS PER PLAN	
GB36	BOBRICK 6806-36	36" GRAB BAR	34"	27"	AS PER PLAN	
GB42	BOBRICK 6806-42	42" GRAB BAR	34"	27"	AS PER PLAN	
GB48	BOBRICK 6806-48	48" GRAB BAR	34"	27"	AS PER PLAN	ONE EACH H/C SHOWER
GB6861	BOBRICK 6861	TWO WALL GRAB BAR	34"	27"	AS PER PLAN	
FSS-11(L/R)	BOBRICK 5181	FOLDING SHOWER SEAT	18"	18"	AS PER PLAN	
SSCR	BOBRICK 6047	SHOWER CURTAIN ROD	72"	72"	ONE EACH SHOWER	PROVIDE VINYL SHOWER CURTAIN BOBRICK 204-2/204-3 W/ HOOKS
SDH	BOBRICK 4.390	RECESSED SOAP DISH	48"/34"HC	34"	AS PER PLAN	
DRH	BOBRICK 7672	DOUBLE ROBE HOOK	72"/48"HC	48"	ONE EACH SHOWER	
MPR	BOBRICK 239x34	MOP RACK	72"	NA	ONE EACH CUSTODIAN ROOM	PLACE OVER MOP SINK
SSWS		STAINLESS STEEL WALL SHIELD			AS PER PLAN	16 GA. TYPE 304 STAINLESS STEEL

PROVIDE SOLID 2x BLOCKING AS REQUIRED FOR TOILET ACCESSORIES AND DOOR STOPS * ACCESSORIES BY G.C. UNLESS OTHERWISE NOTED

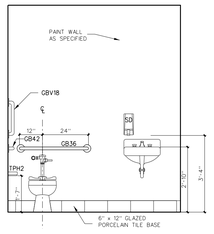
FIXTURE MOUNTING HEIGHT

DESCRIPTION		HEIGHT A.F.F. STAFF	HEIGHT A.F.F. STUDENT	NUMBER REQUIRED	REMARKS
LAVATORY		34"	31"	AS PER PLAN	MOUNTING HT. TO RIM
URINAL		22"/17"HC	22"/17"HC	AS PER PLAN	MOUNTING HT. TO RIM
WATER CLOSET				AS PER PLAN	SEE PLUMBING DRAWINGS
ELECTRIC WATER COOLER		40"/36"HC	36"	AS PER PLAN	MOUNTING HT. TO SPOUT

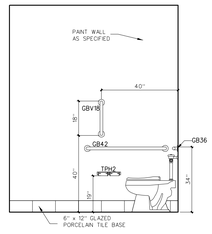
NOTE: SEE CLASSROOM INTERIOR ELEVATIONS FOR CLASSROOM FIXTURE MOUNTING HEIGHTS



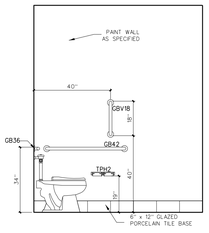
C STAFF 425 & 427 O.H.



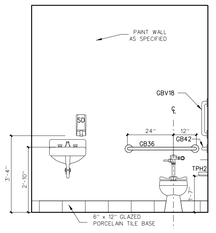
B STAFF 425 & 427 O.H.



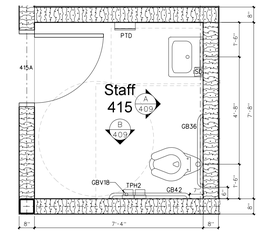
A STAFF 425 & 427 O.H.



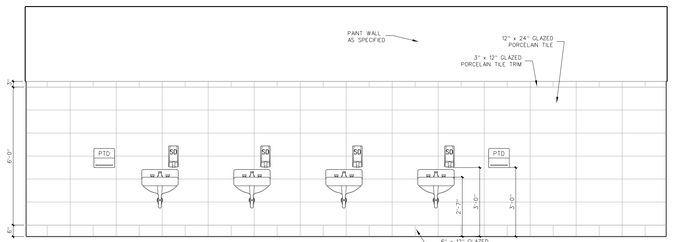
B STAFF 415 & 437
414 & 436 (MIRRORED)



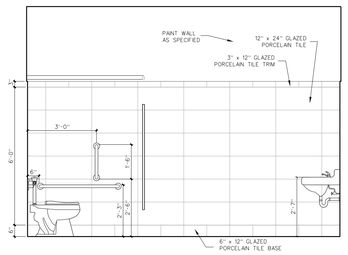
A STAFF 415 & 437
414 & 436 (MIRRORED)



409.3 ENLARGED TOILET PLAN
SCALE: 3/8" = 1'-0"



D BOYS 412 & 434



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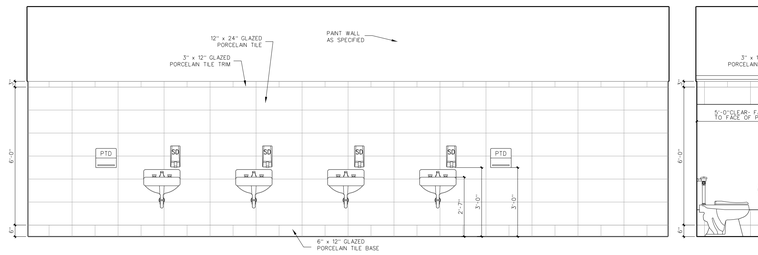
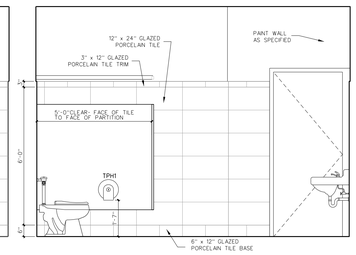


D GIRLS 413 & 435



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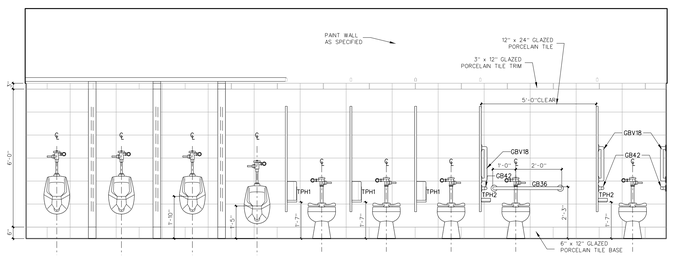
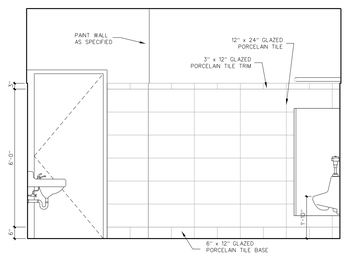
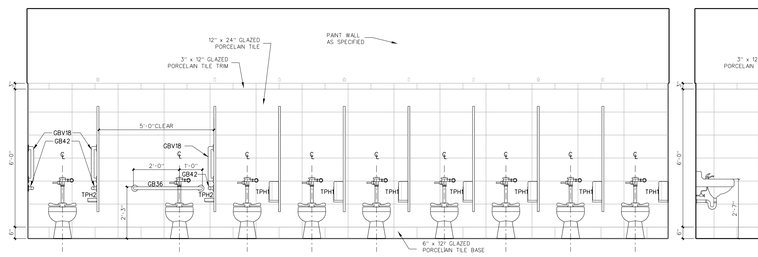


B BOYS 412 & 434



A BOYS 412 & 434



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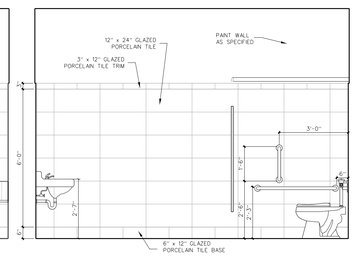
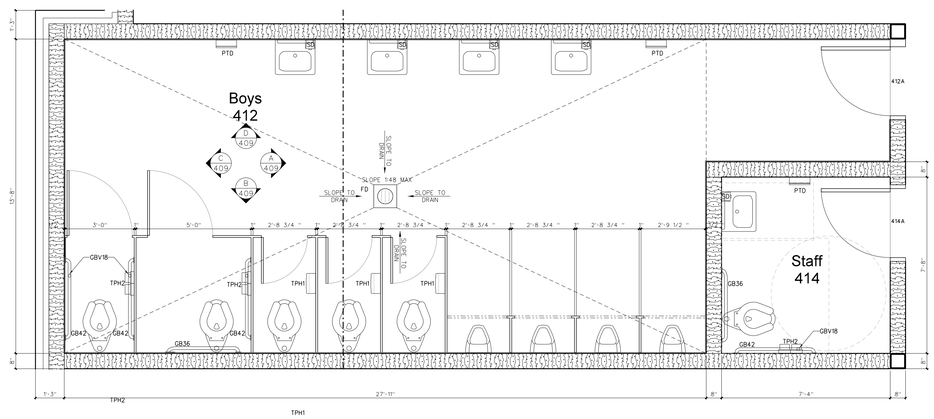
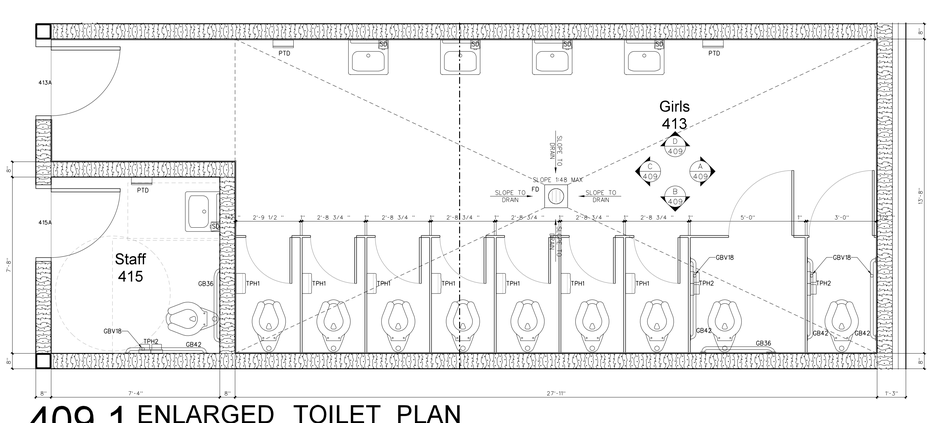


A GIRLS 413 & 435

409.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"





409.1 ENLARGED TOILET PLAN
SCALE: 3/8" = 1'-0"

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No.	Date	Revision

HITE ASSOCIATES, P.C. CORPORATION NORTH CAROLINA CERTIFICATE NUMBER C-0418 REGISTERED GREENVILLE

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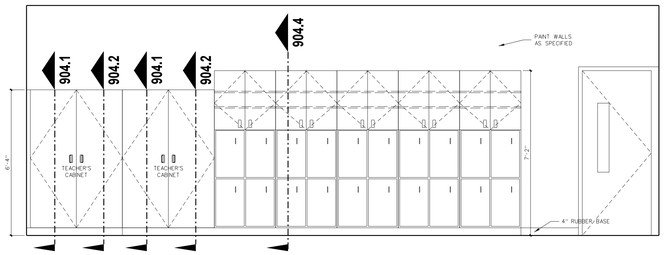
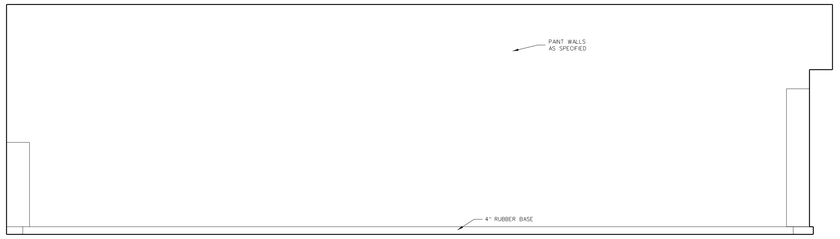
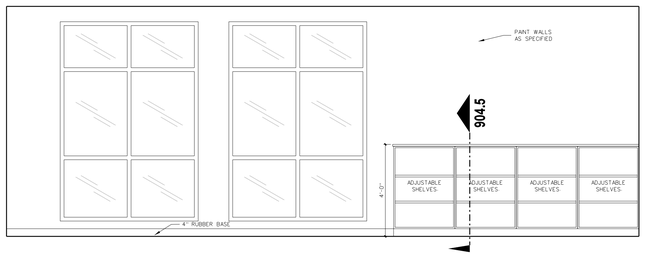


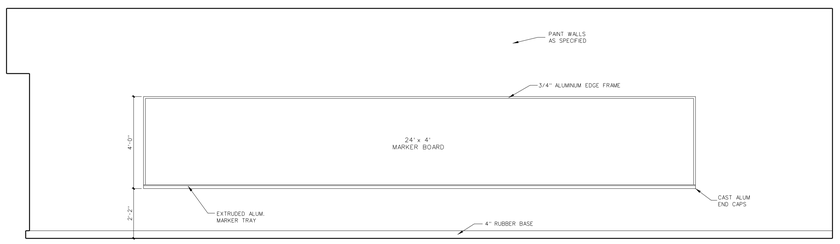
D THIRD GRADE CLASSROOM 409



C THIRD GRADE CLASSROOM 409

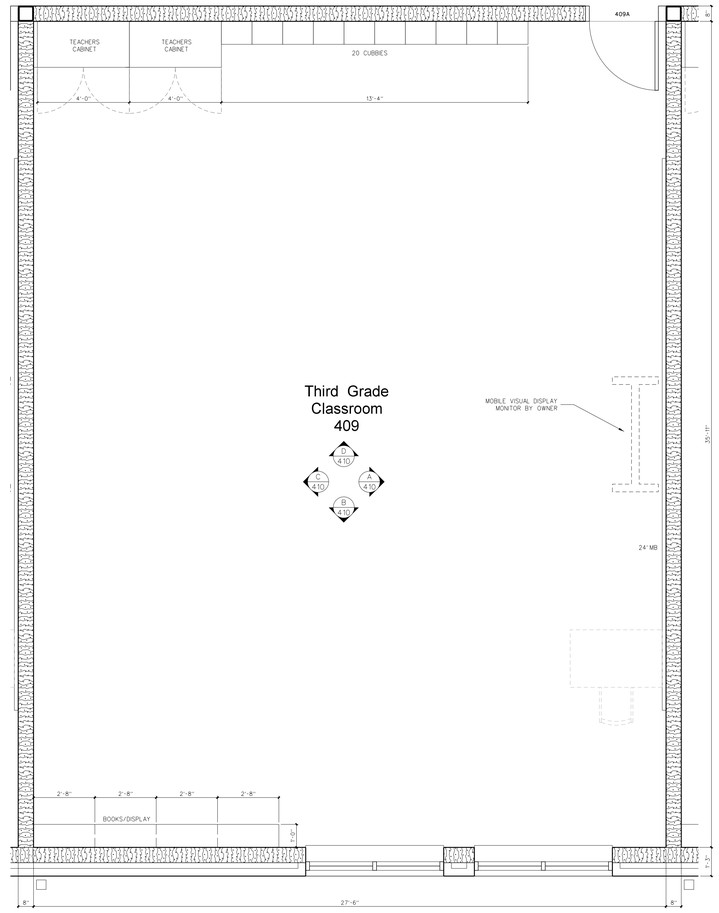


B THIRD GRADE CLASSROOM 409



A THIRD GRADE CLASSROOM 409

410.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



410.1 SECOND & THIRD GRADE CLASSROOMS
SCALE: 3/8" = 1'-0"

No.	Date	Revision

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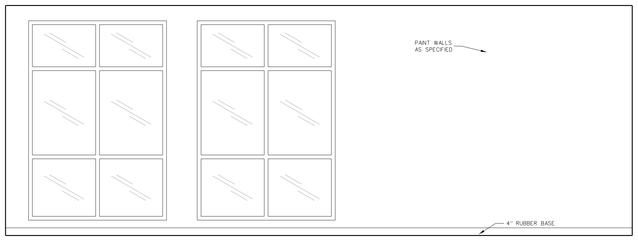

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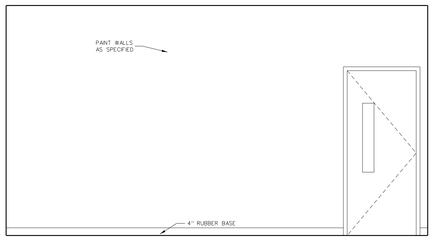

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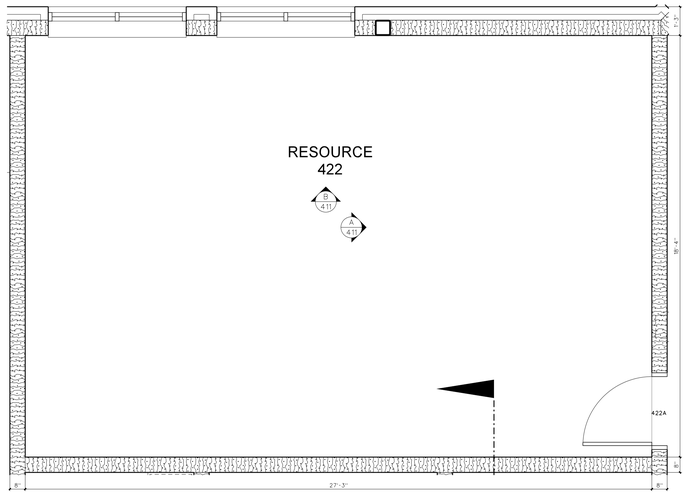

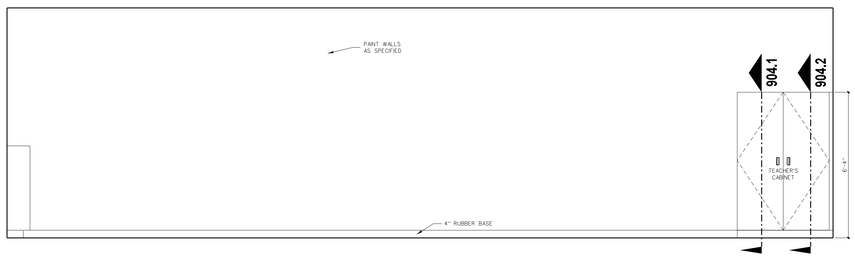

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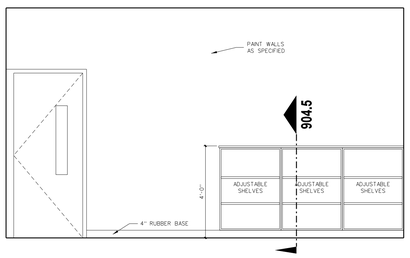

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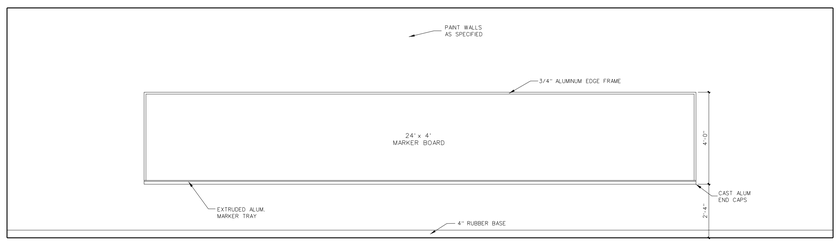

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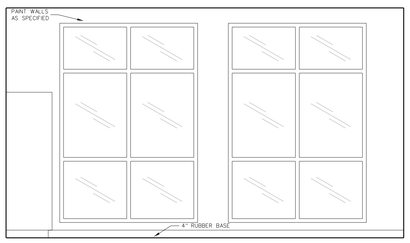

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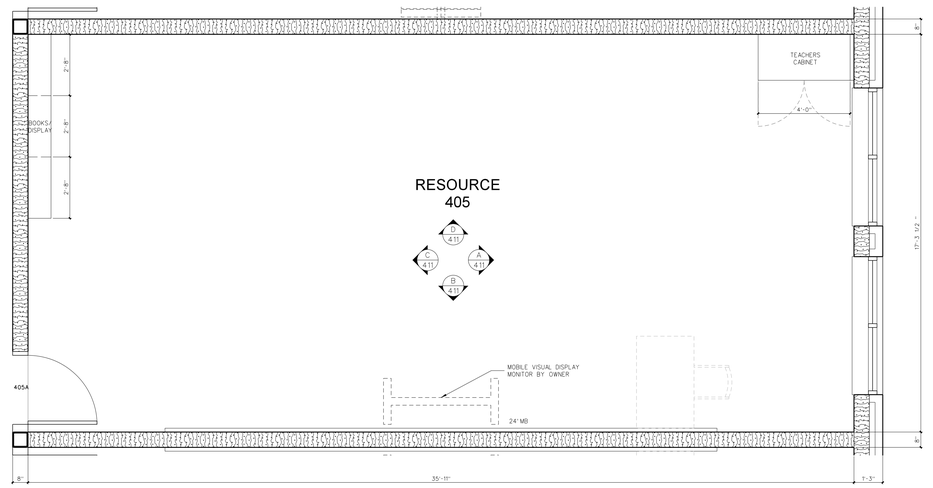

411.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"

411.1 ENLARGED FLOOR PLANS
SCALE: 3/8" = 1'-0"

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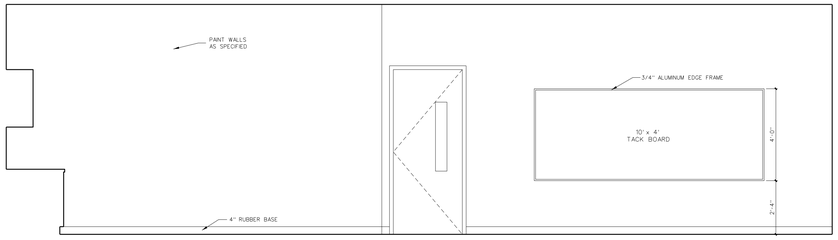
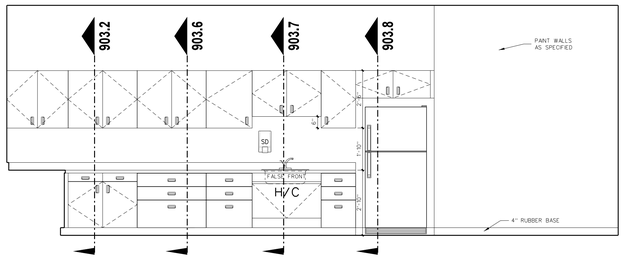


D STAFF PLANNING 404



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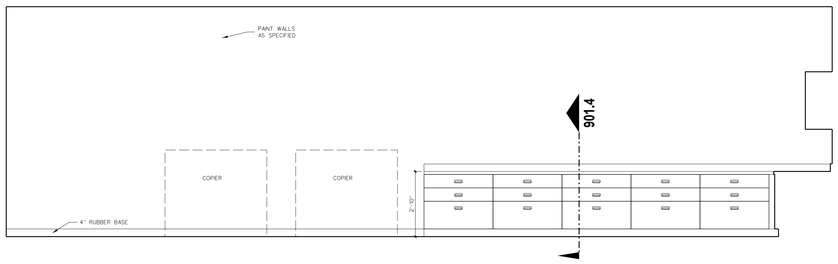

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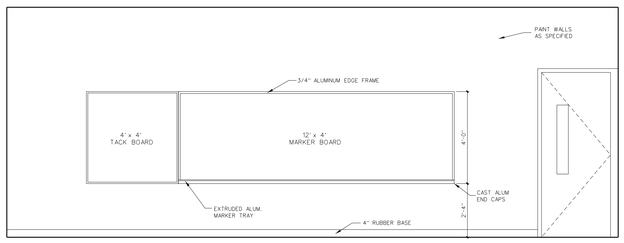
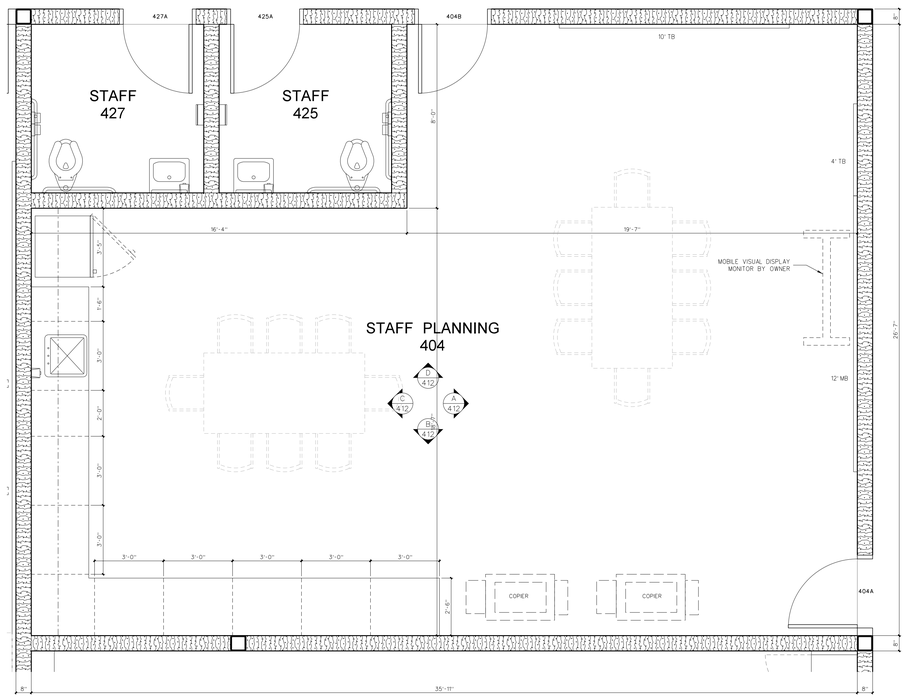


A STAFF PLANNING 404

412.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



412.1 ENLARGED FLOOR PLANS
SCALE: 3/8" = 1'-0"

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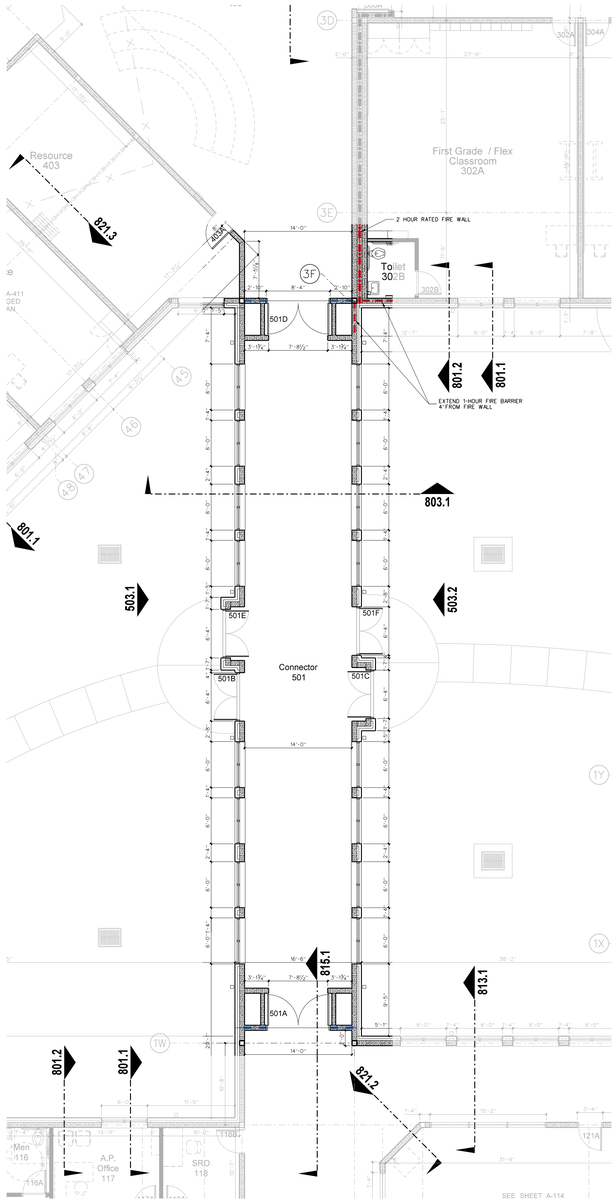
ABBREVIATIONS

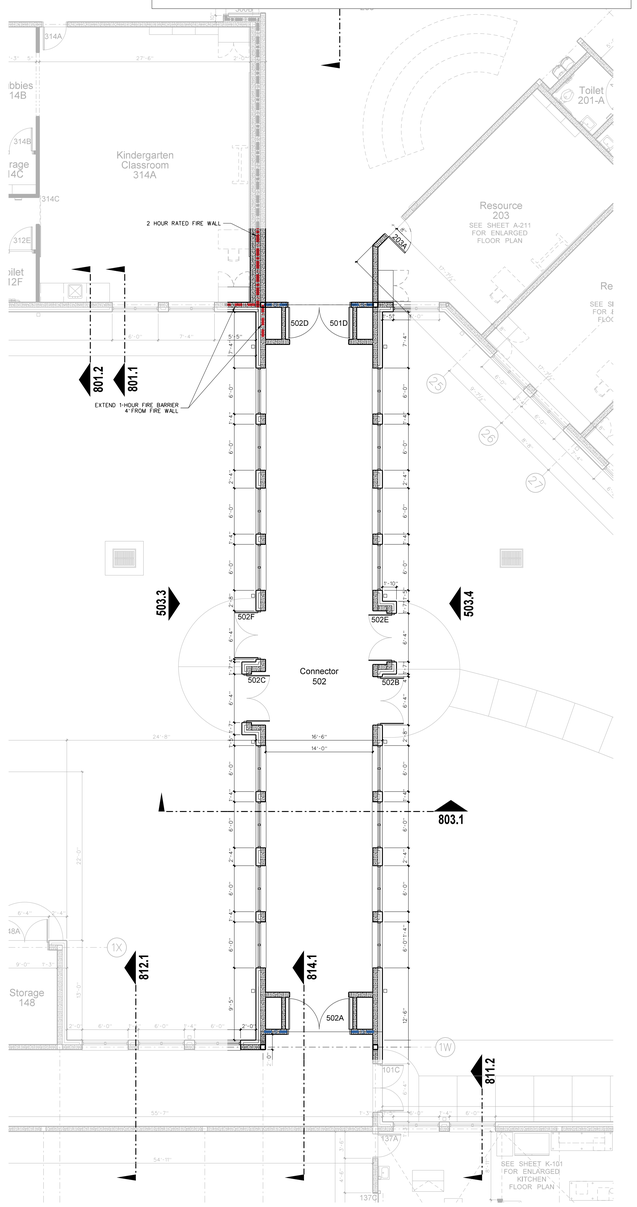
CB	CHALKBOARD
MB	MARKERBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
MT	MARBLE THRESHOLD
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
E.J.	EXPANSION JOINT
TD	TRAVEL DISTANCE

SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS

WALL LEGEND

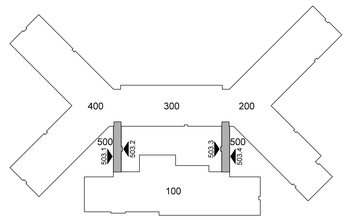
- 8" CMU WALL
- 6 CMU WALL
- 8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 6" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 3 5/8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- SMOKE-RATED CONSTRUCTION
- ONE HOUR RATED FIRE BARRIER
- TWO HOUR RATED FIRE WALL





501.1 CONNECTOR FLOOR PLANS

SCALE: 1/8" = 1'-0"



KEY PLAN

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LEGEND - REFLECTED CEILING PLAN

2	CEILING TYPE - SEE CEILING FINISH SCHEDULE
XX'-X"	CEILING HEIGHT ABOVE FINISH FLOOR
	SLOPED CEILING
LS XX'-X"	CEILING HEIGHT ABOVE FINISH FLOOR - LOW SIDE
HS XX'-X"	CEILING HEIGHT ABOVE FINISH FLOOR - HIGH SIDE
	2 x 2 ACOUSTICAL TILE AND GRID
	GYPBOARD CEILING
MR	MOISTURE RESISTANT GYPBOARD CEILING
EXPSTR	EXPOSED STRUCTURE
	METAL SOFFIT
EIFS	EIFS SOFFIT
	DROP-IN TRAY FOR VIDEO MONITOR CEILING BRACKET
	DROP-IN TRAY FOR LCD PROJECTOR CEILING BRACKET
	FLUORESCENT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	CEILING MOUNTED TRACK LIGHTING
SP	SPEAKER
	SUPPLY AIR GRILLE
	RETURN AIR GRILLE
	EXHAUST FAN
S	SMOKE SENSOR
	SECURITY CAMERA

CEILING FINISH SCHEDULE

TYPE 1
24"x24"x 5/8" ROCKFON ARTIC 600 SQUARE LAY-IN / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 2
24"x24"x 5/8" ROCKFON ARTIC 600 SQUARE TEGULAR / CHICAGO METALLIC 200 SNAP GRID 15/16".

TYPE 3
24"x24"x 1/2" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL PRELUDE PLUS GRID.

TYPE 4
5/8" GYPSUM BOARD ON METAL STUD FRAMING AT 24" O.C.

TYPE 5
5/8" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM

TYPE 6
5/8" FIRECODE GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM.
SMOKE RESISTANT CONSTRUCTION.

TYPE 7
ARMSTRONG FELTWORKS EBBS AND FLOWS LOUVERED CEILING SYSTEM @ 8" O.C.
PAINT WALLS AND EXPOSED STRUCTURE ABOVE BLACK.

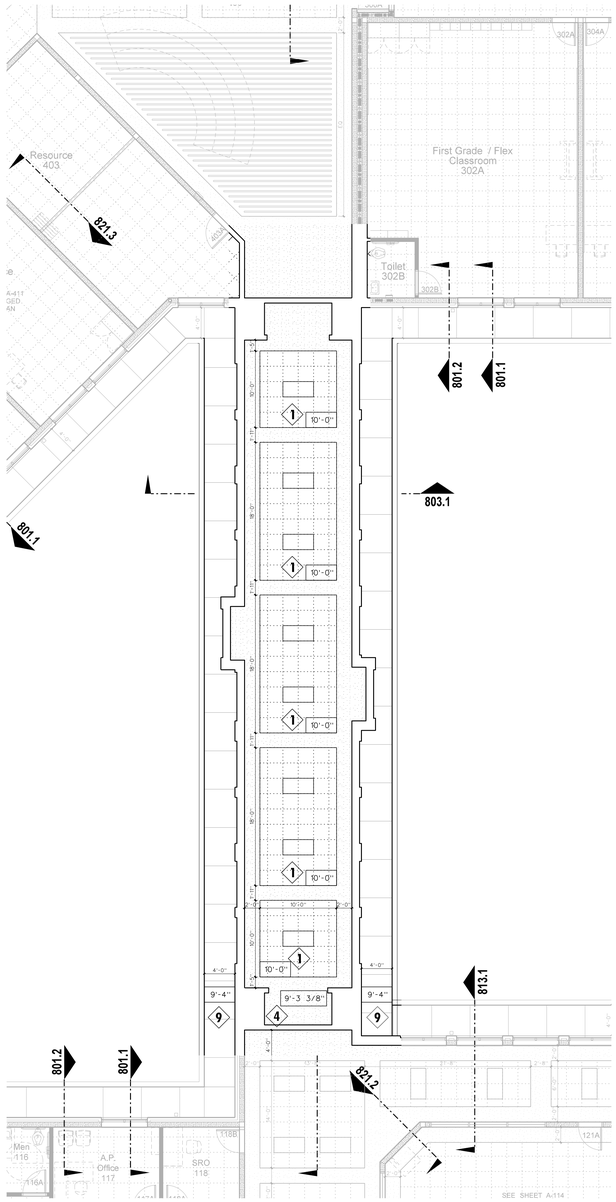
TYPE 8
EXPOSED STRUCTURE (ACOUSTICAL SPRAY MATERIAL AS NOTED)

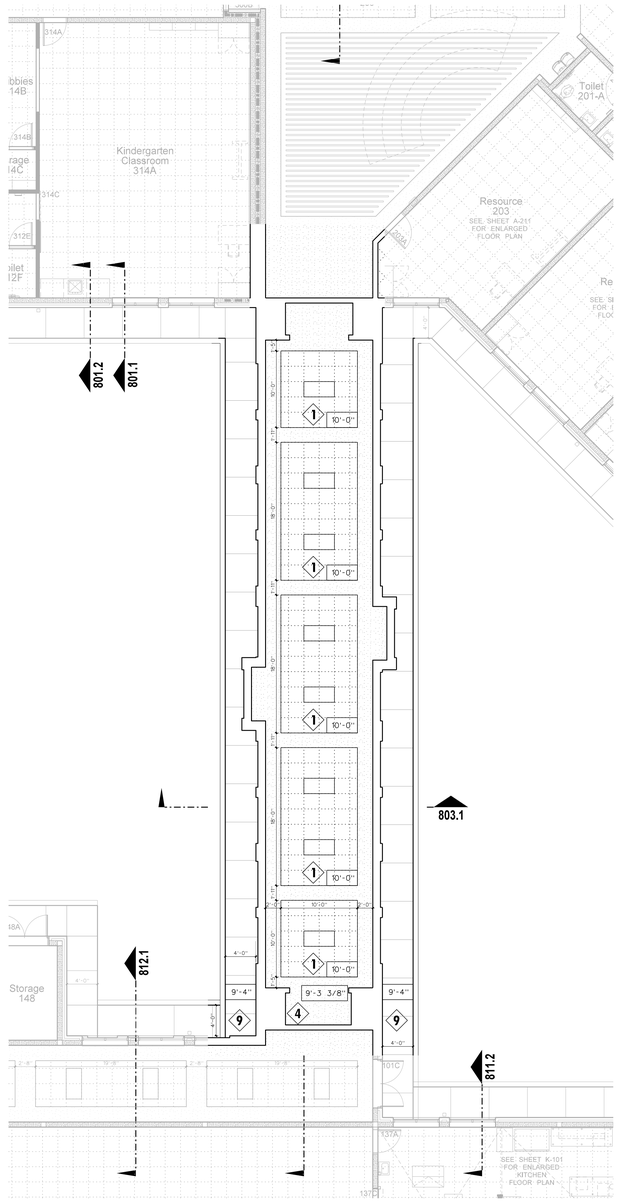
TYPE 9
ALUCOBOND ACM PANEL SYSTEM ON HAT CHANNELS / FRAMING SYSTEM

TYPE 10
MAPES SUPER LUMIDECK FLAT SOFFIT

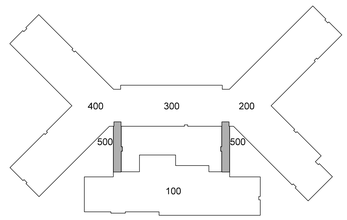
TYPE 11
ALUMINUM CANOPY AS DETAILED - SEE SHEET A-917

NOTE:
(1) PROVIDE TYPE 1 CEILING UNLESS OTHERWISE NOTED.
(2) PROVIDE 24" x 24" CEILING ACCESS DOOR IN EACH SPACE WITH DRYWALL CEILING.





502.1 CONNECTOR REFLECTED CEILING PLAN PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN

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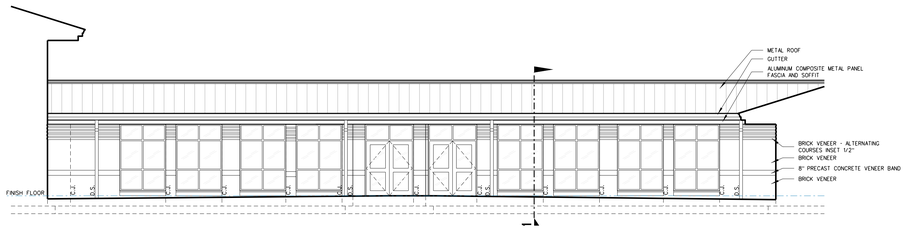
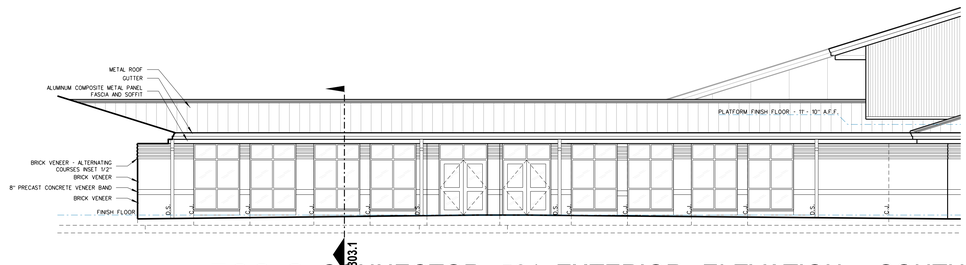
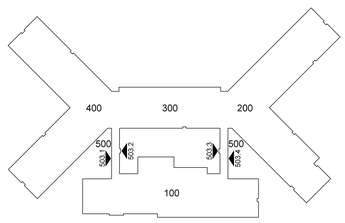


503.4 CONNECTOR 502 EXTERIOR ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"

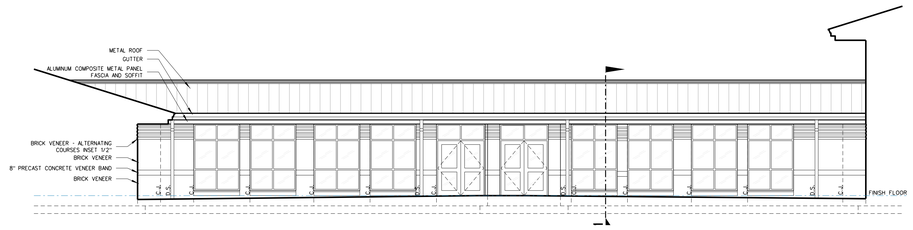
503.3 CONNECTOR 502 EXTERIOR ELEVATION - NORTH
SCALE: 1/8" = 1'-0"



503.2 CONNECTOR 501 EXTERIOR ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"



KEY PLAN



503.1 CONNECTOR 501 EXTERIOR ELEVATION - NORTH
SCALE: 1/8" = 1'-0"

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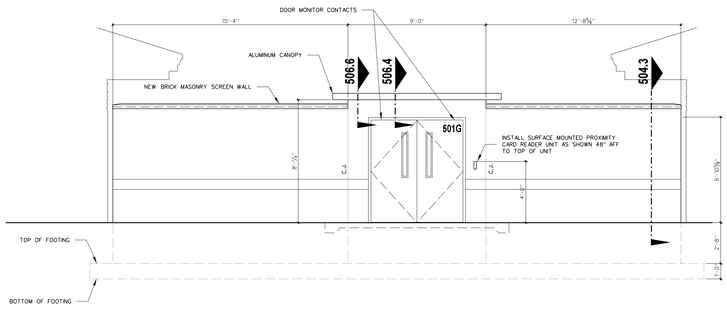
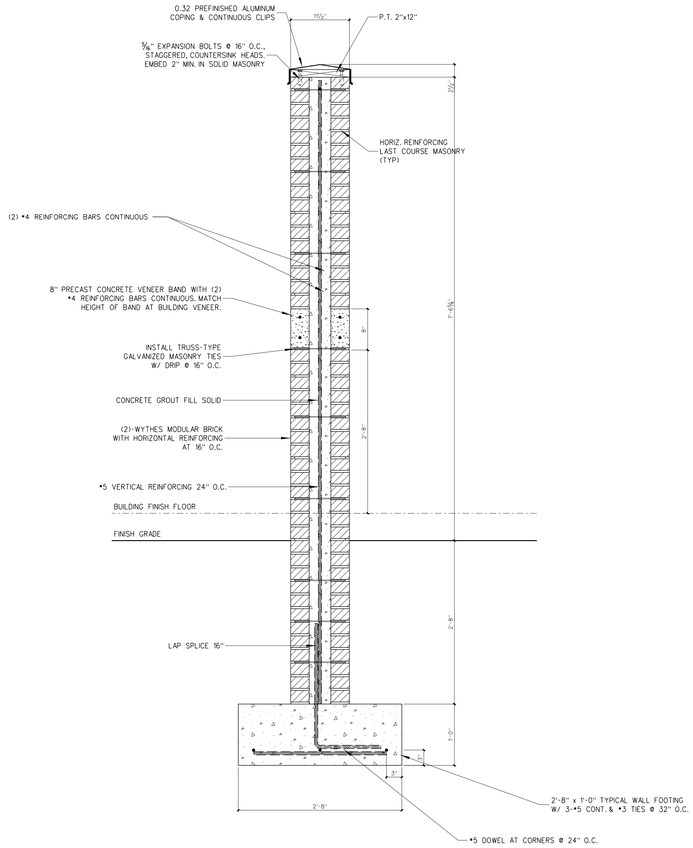
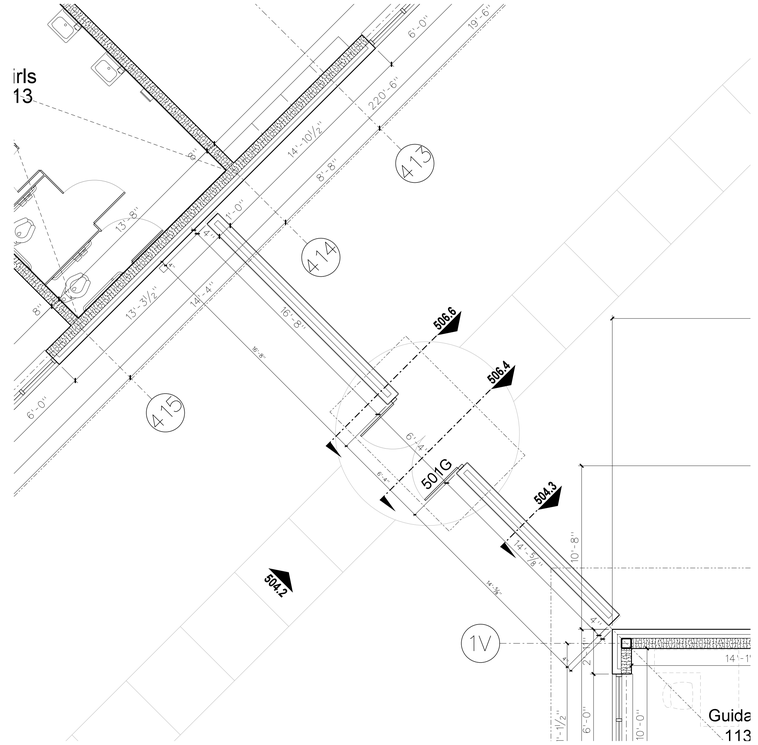


504.2 SECURITY SCREEN WALL - WEST ELEVATION
SCALE: 1/4" = 1'-0"



504.3 8' BRICK MASONRY SCREEN WALL
SCALE: 1" = 1'-0"



504.1 ENLARGED FLOOR PLAN - SCREEN WALL 501
SCALE: 1/4" = 1'-0"

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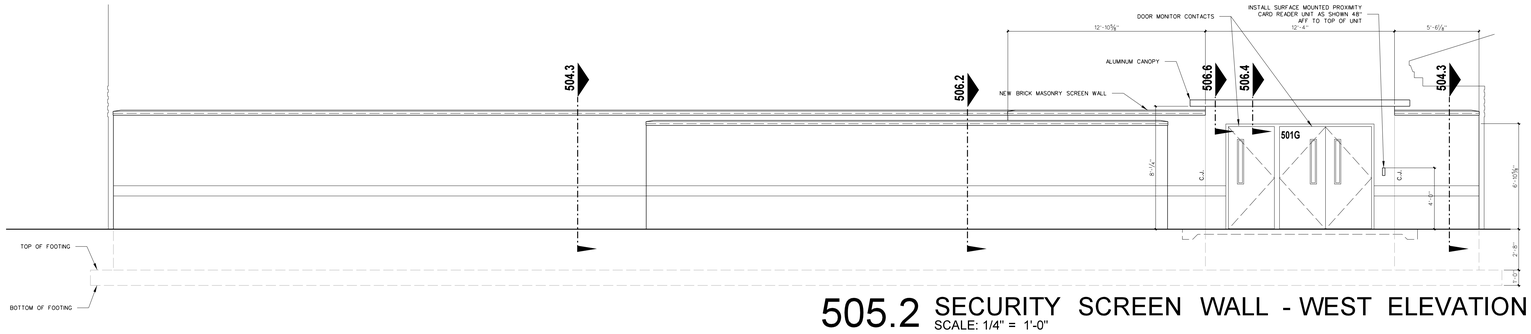
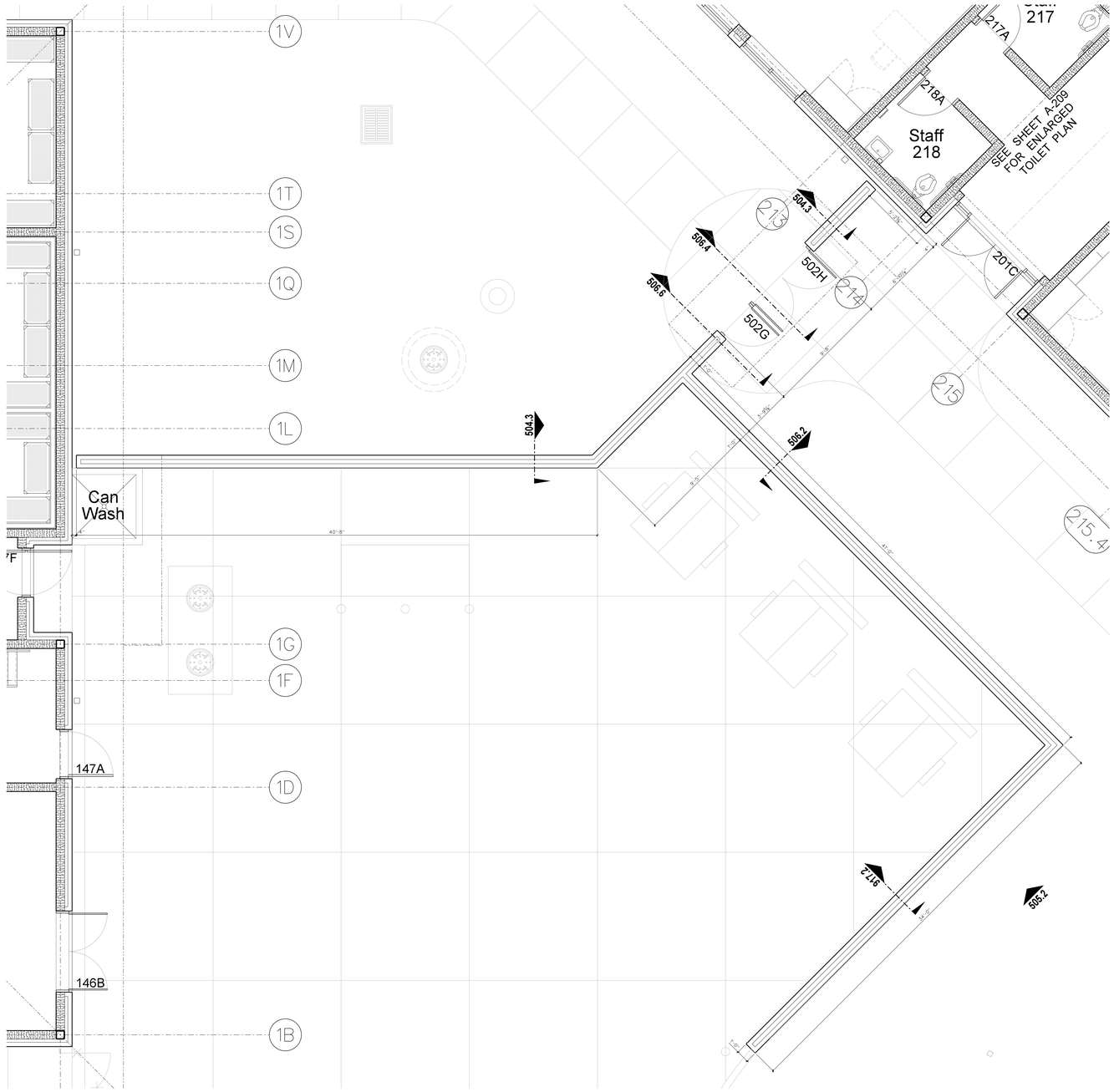


505.2 SECURITY SCREEN WALL - WEST ELEVATION
SCALE: 1/4" = 1'-0"



505.1 ENLARGED FLOOR PLAN - SCREEN WALL 501
SCALE: 1/4" = 1'-0"

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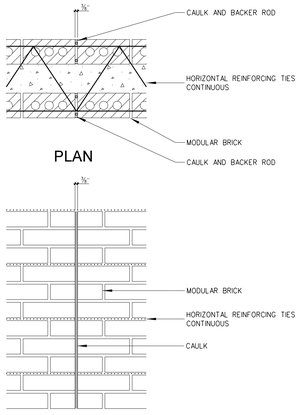
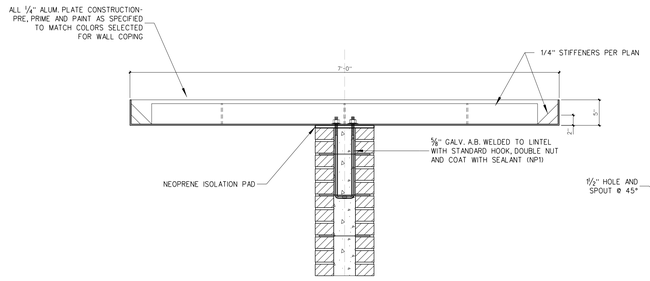
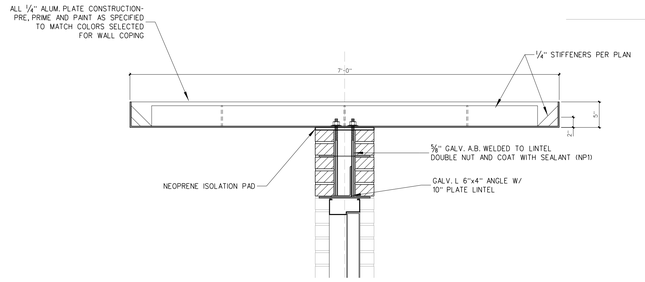


TYPICAL CONSTRUCTION JOINT

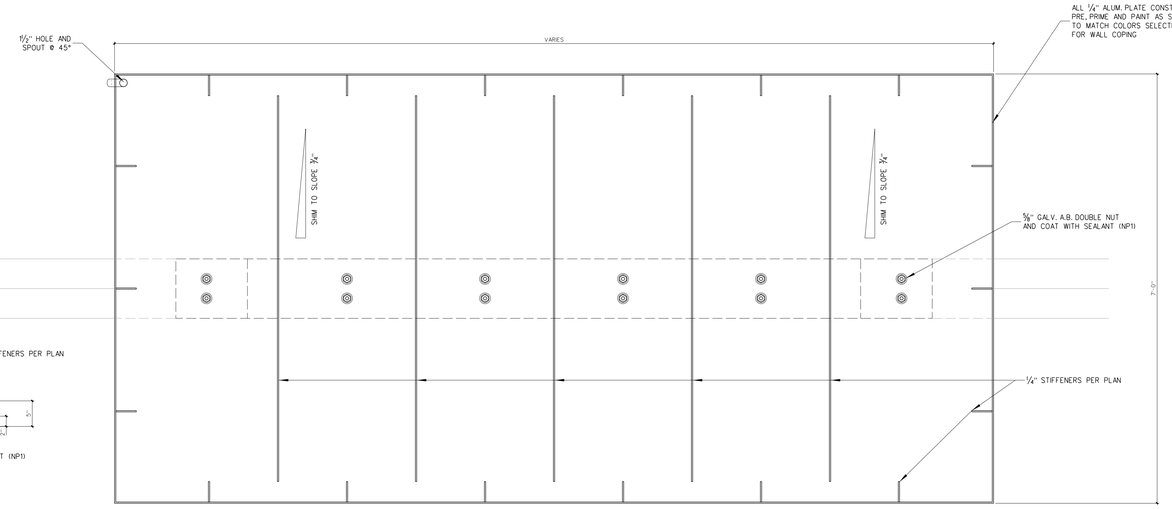
506.5 MASONRY JOINT DETAIL
SCALE: 3/4" = 1'-0"



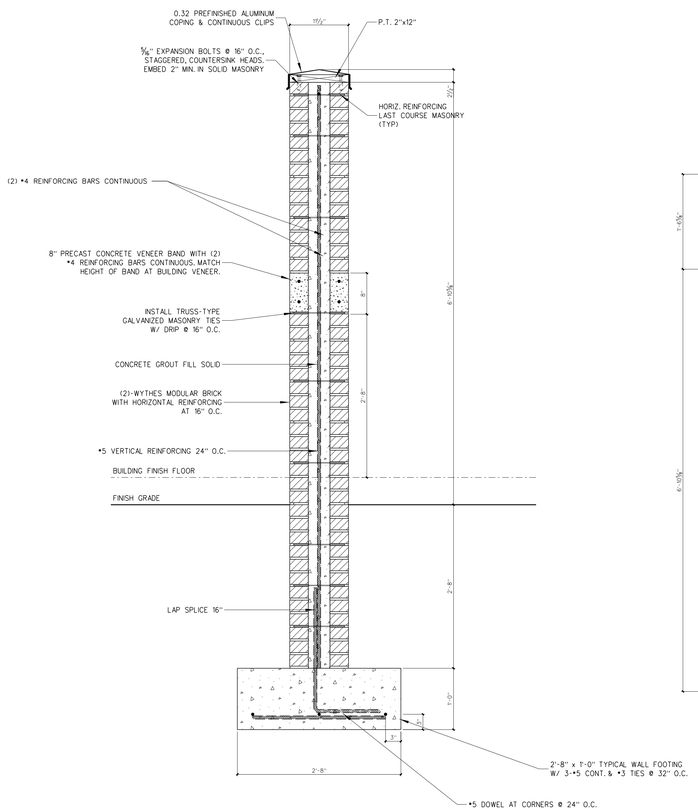
506.6 SCREEN WALL SECTION
SCALE: 1" = 1'-0"



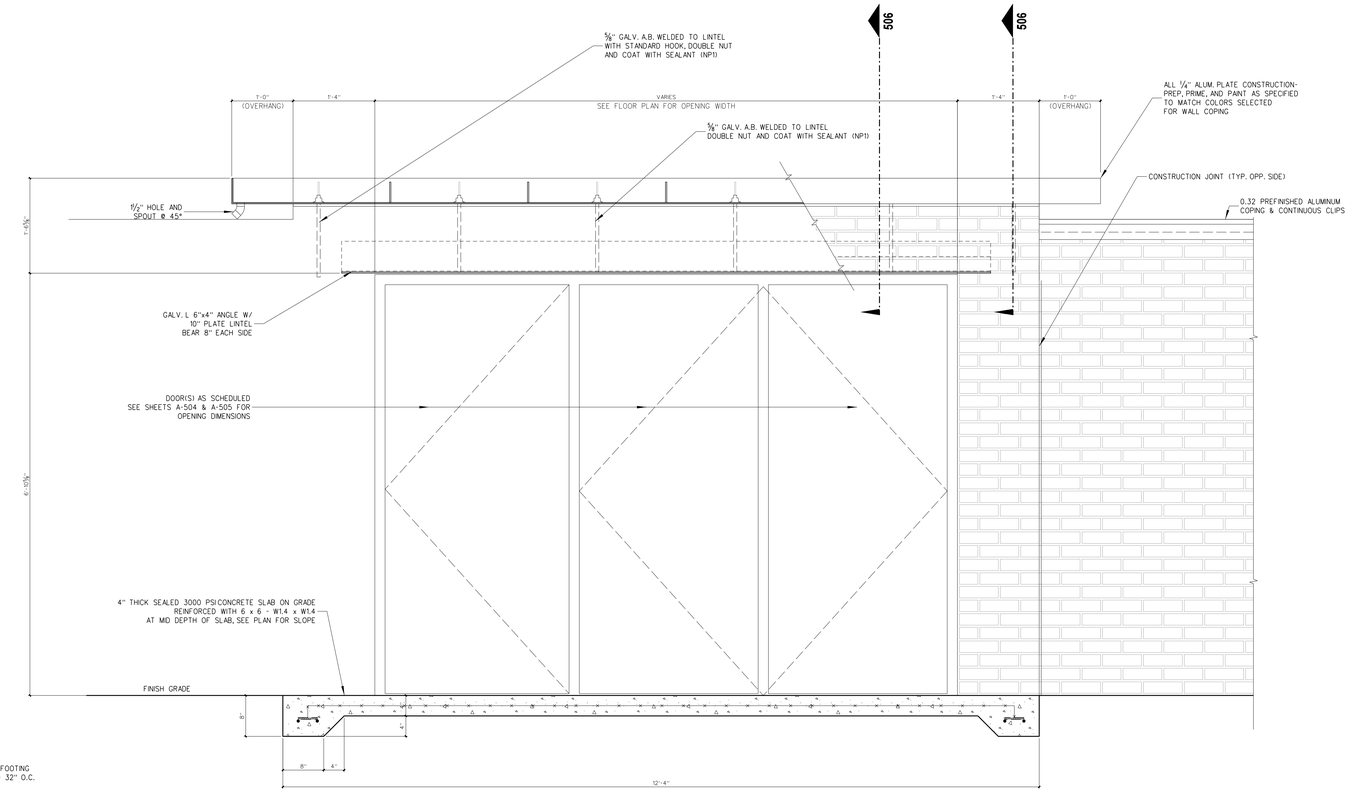
506.4 SCREEN WALL SECTION AT DOOR
SCALE: 1" = 1'-0"



506.3 PLAN VIEW METAL ROOF DETAIL AT DOOR
SCALE: 1" = 1'-0"



506.2 7' BRICK MASONRY SCREEN WALL
SCALE: 1" = 1'-0"



506.1 ELEVATION METAL ROOF DETAIL AT DOOR
SCALE: 1" = 1'-0"

No.	Date	Revision
1	9/13/24	REVISED PER ADDENDUM #1

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DRAWING LEGEND

EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE REMOVED

NOTE: ALL EXISTING DOORS, CASEWORK, AND OTHER SALVAGEABLE ITEMS TO BE REMOVED SHALL BE REMOVED WITH CARE AND TURNED OVER TO THE OWNER.

ABBREVIATIONS

CB	CHALKBOARD
MB	MARKERBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
MT	MARBLE THRESHOLD
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
E.J.	EXPANSION JOINT
TD	TRAVEL DISTANCE

SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS

WALL LEGEND

- 8" CMU WALL
- 6 CMU WALL
- 8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 6" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 3 5/8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- SMOKE-RATED CONSTRUCTION
- ONE HOUR RATED FIRE BARRIER
- TWO HOUR RATED FIRE WALL

GENERAL DEMOLITION NOTES

(1) GENERAL CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND OR REGULATORY AGENCIES, CODES, AND REGULATIONS FOR NEW CONSTRUCTION AND DEMOLITION.

(2) CONSTRUCTION TO OCCUR WITH A MINIMUM OF OPERATIONAL DISTURBANCE.

(3) COORDINATE WITH OWNER'S REPRESENTATIVE THE PHASING OF ALL CONSTRUCTION WORK.

(4) PROVIDE TEMPORARY PARTITIONS AND BARRIERS TO PROTECT THE PUBLIC FROM ANY POTENTIAL CONSTRUCTION HAZARDS AT ALL TIMES.

(5) PRIOR TO REMOVAL OR CUTTING OF OPENINGS THROUGH STRUCTURAL WALLS OR SLABS, CONTRACTOR SHALL PROVIDE ADEQUATE SHORING FOR THE ROOF AND ANY OTHER STRUCTURAL LOADS. SUPPORTS WILL NOT BE REMOVED UNTIL NEW STRUCTURAL SYSTEM ARE IN PLACE.

(6) CARE SHALL BE TAKEN DURING CONSTRUCTION NOT TO DAMAGE ANY EXISTING STRUCTURAL MEMBERS OR THEIR SUPPORTS. THE ARCHITECT AND SCHOOL REPRESENTATIVE WILL BE NOTIFIED IMMEDIATELY IF ANY DAMAGE SHOULD OCCUR.

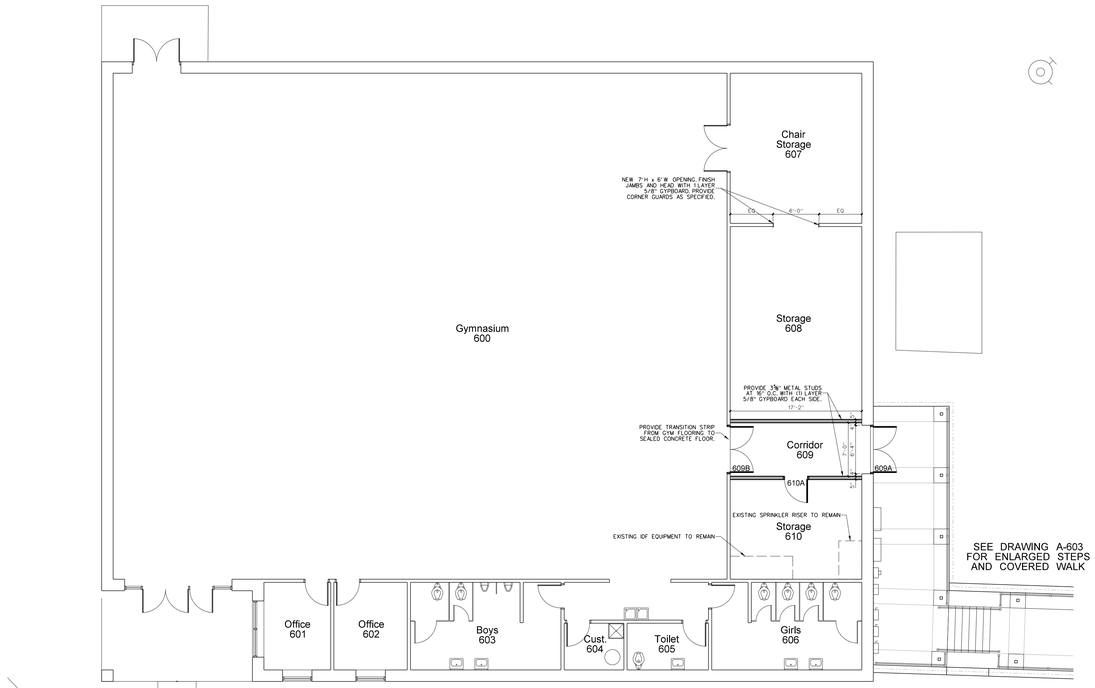
(7) EXISTING UTILITIES ARE TO BE MAINTAINED DURING CONSTRUCTION. EACH PRIME CONTRACTOR IS RESPONSIBLE FOR NOTIFYING SCHOOL REPRESENTATIVE OF ANY DISTURBANCES, AND PROVIDE ADEQUATE INTERIM UTILITIES.

(8) CONSTRUCTION STORAGE TRAILER AND STAGING LOCATIONS SHALL BE LOCATED AS DIRECTED BY THE SCHOOL REPRESENTATIVE.

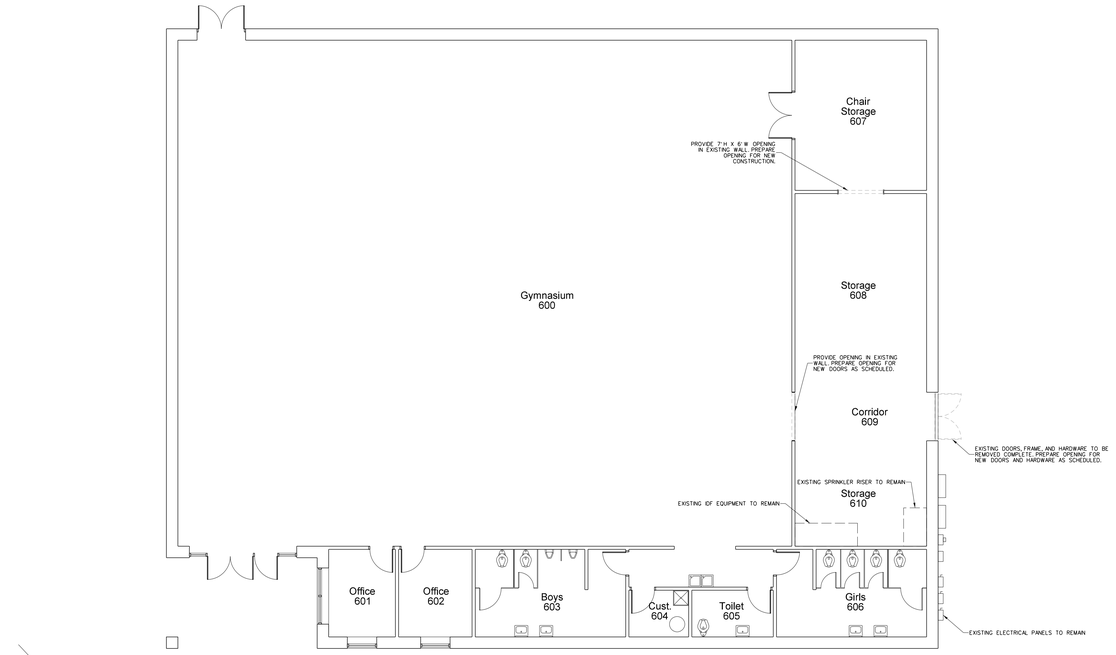
(9) GENERAL CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR WASTE DISPOSAL CONTAINERS TO BE LOCATED AS DIRECTED BY THE SCHOOL'S REPRESENTATIVE.

(10) SEE PME DRAWINGS FOR ADDITIONAL SCOPE OF WORK REQUIREMENTS.

(11) SEE SPECIFICATIONS SECTION 02070 FOR MORE INFORMATION ON SELECTIVE DEMOLITION AND CONSTRUCTION ACTIVITIES



601.2 600 BUILDING FLOOR PLAN - EXISTING GYMNASIUM
SCALE: 1/8" = 1'-0"



601.1 600 BUILDING DEMO PLAN - EXISTING GYMNASIUM
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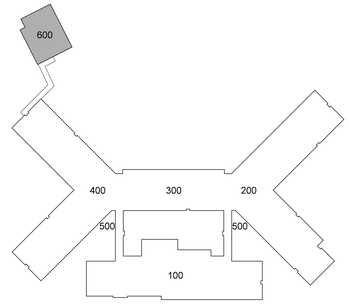

KEY PLAN

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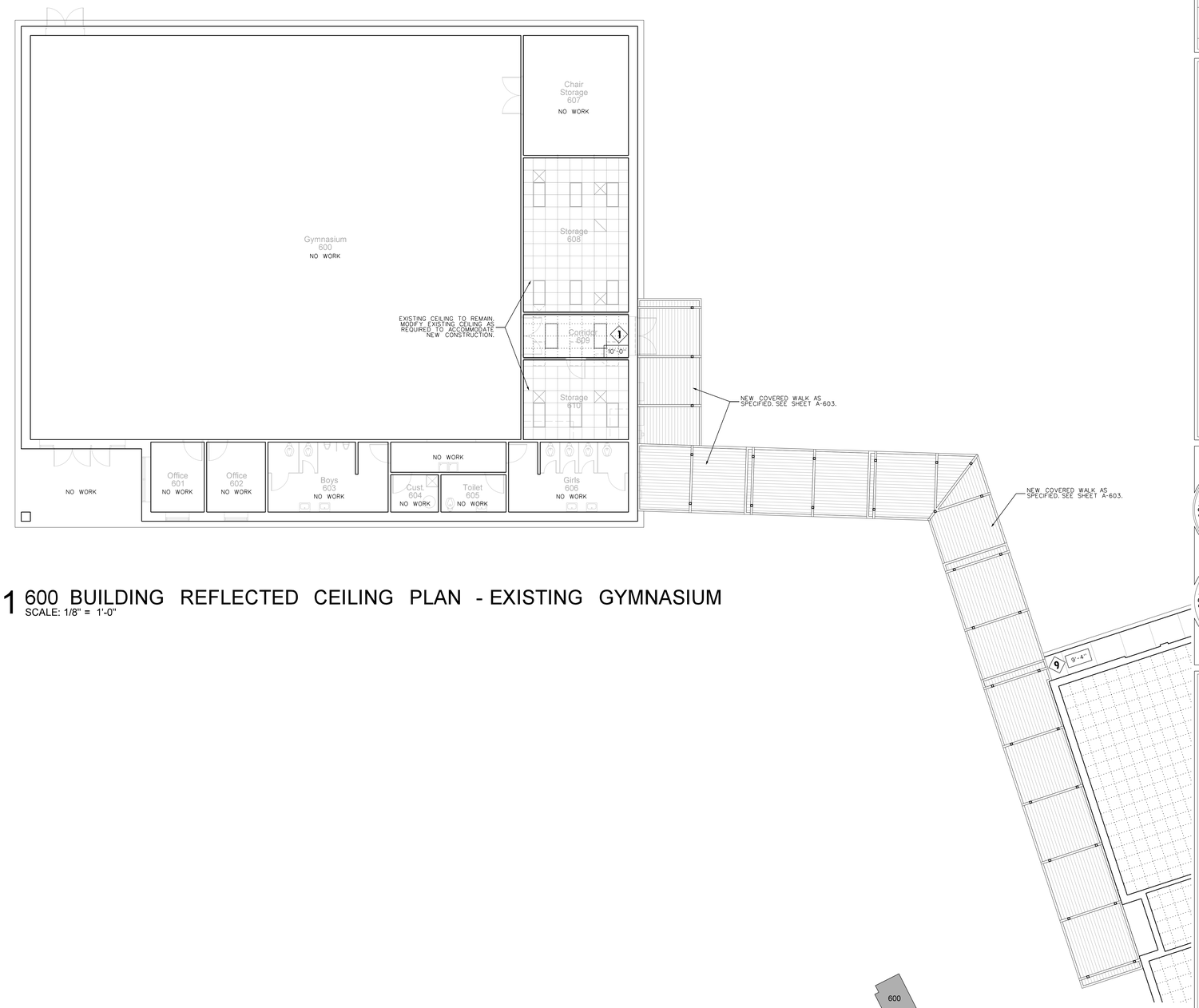
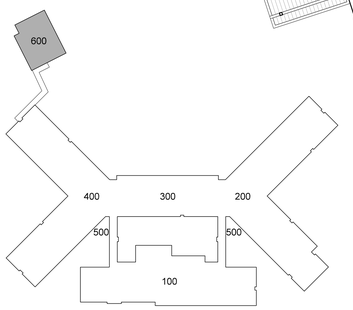


602.1 600 BUILDING REFLECTED CEILING PLAN - EXISTING GYMNASIUM
SCALE: 1/8" = 1'-0"



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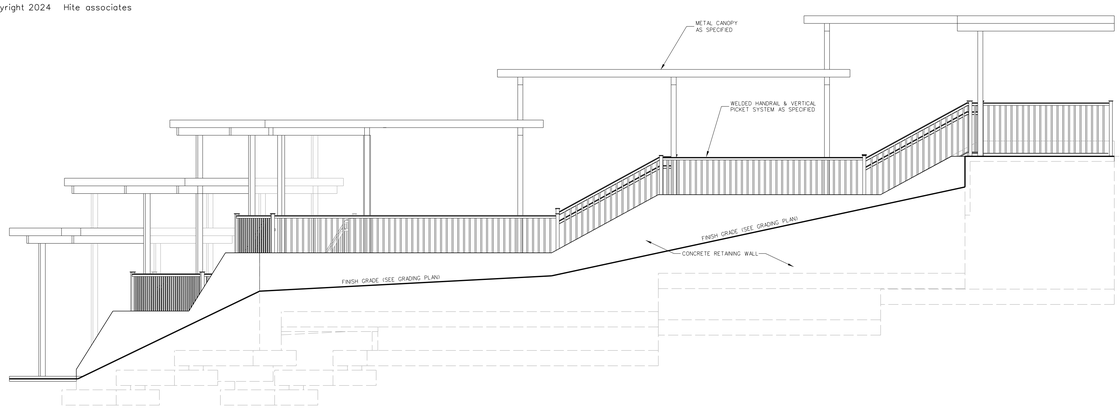
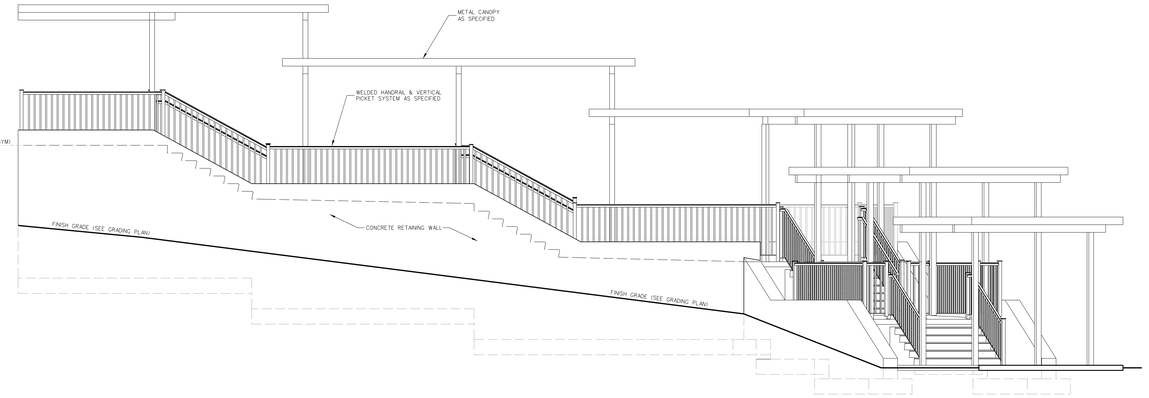
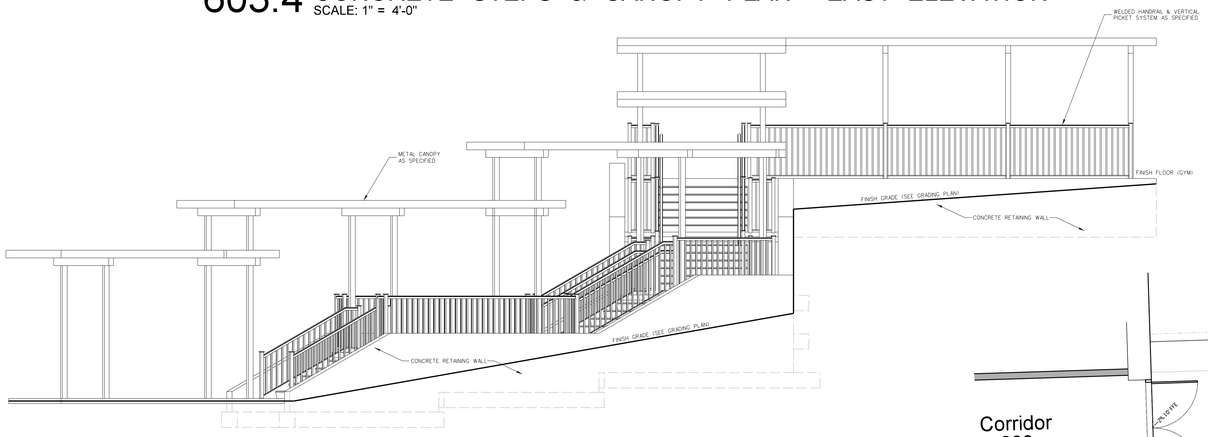


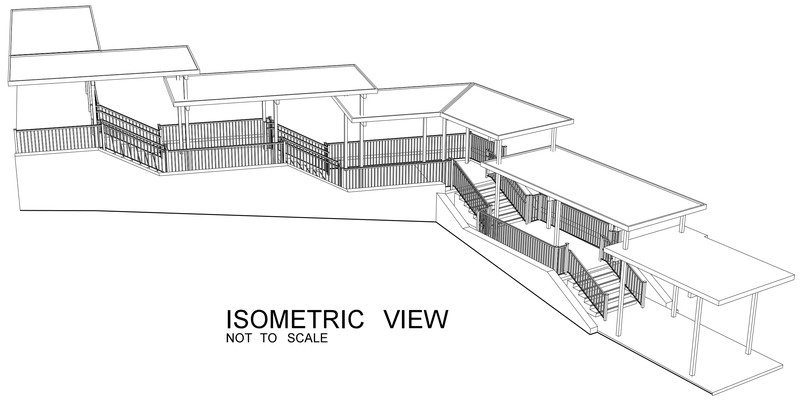
603.4 CONCRETE STEPS & CANOPY PLAN - EAST ELEVATION
SCALE: 1" = 4'-0"



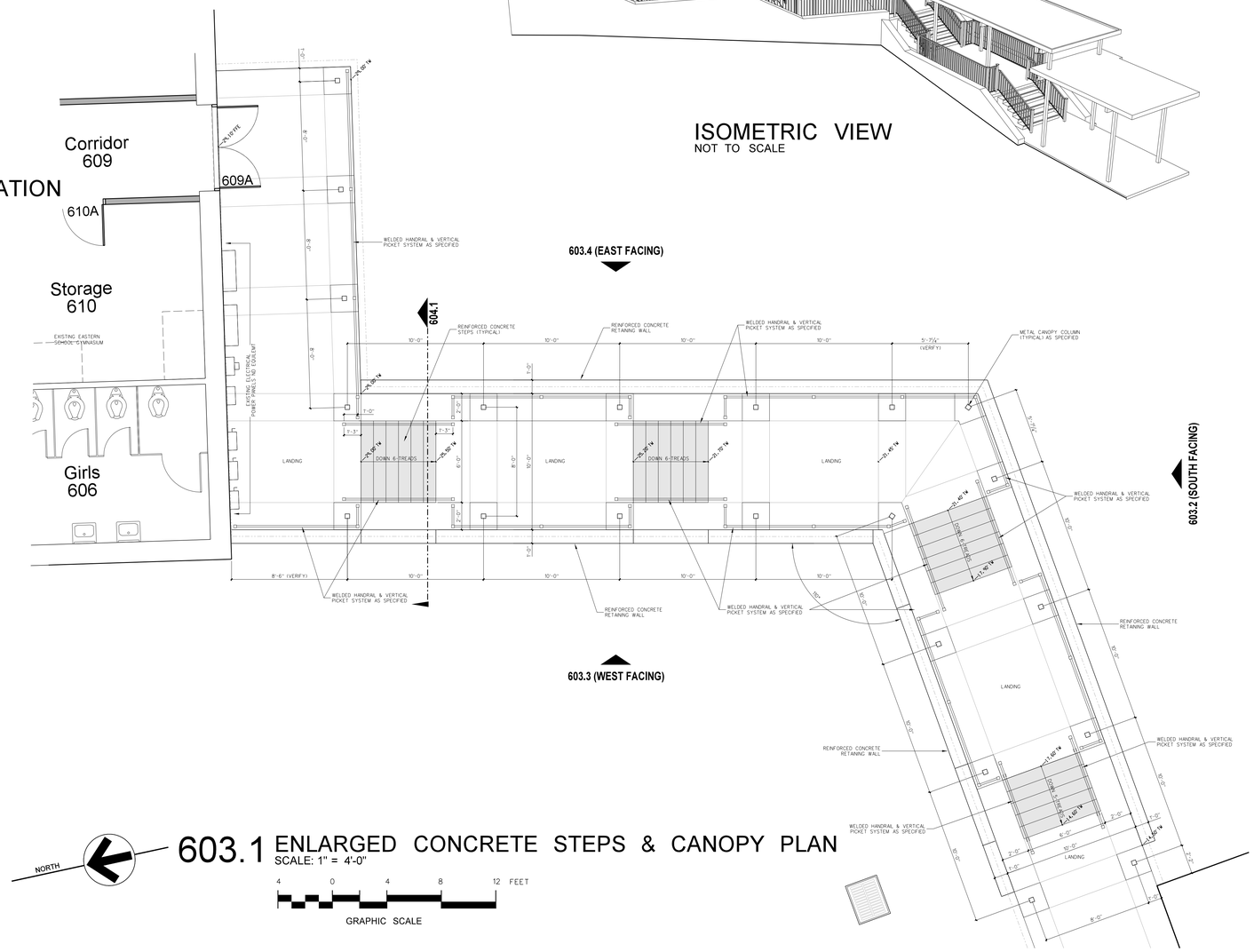
603.3 CONCRETE STEPS & CANOPY PLAN - WEST ELEVATION
SCALE: 1" = 4'-0"



603.2 CONCRETE STEPS & CANOPY PLAN - SOUTH ELEVATION
SCALE: 1" = 4'-0"



ISOMETRIC VIEW
NOT TO SCALE



NORTH

603.1 ENLARGED CONCRETE STEPS & CANOPY PLAN
SCALE: 1" = 4'-0"

4 0 4 8 12 FEET
GRAPHIC SCALE

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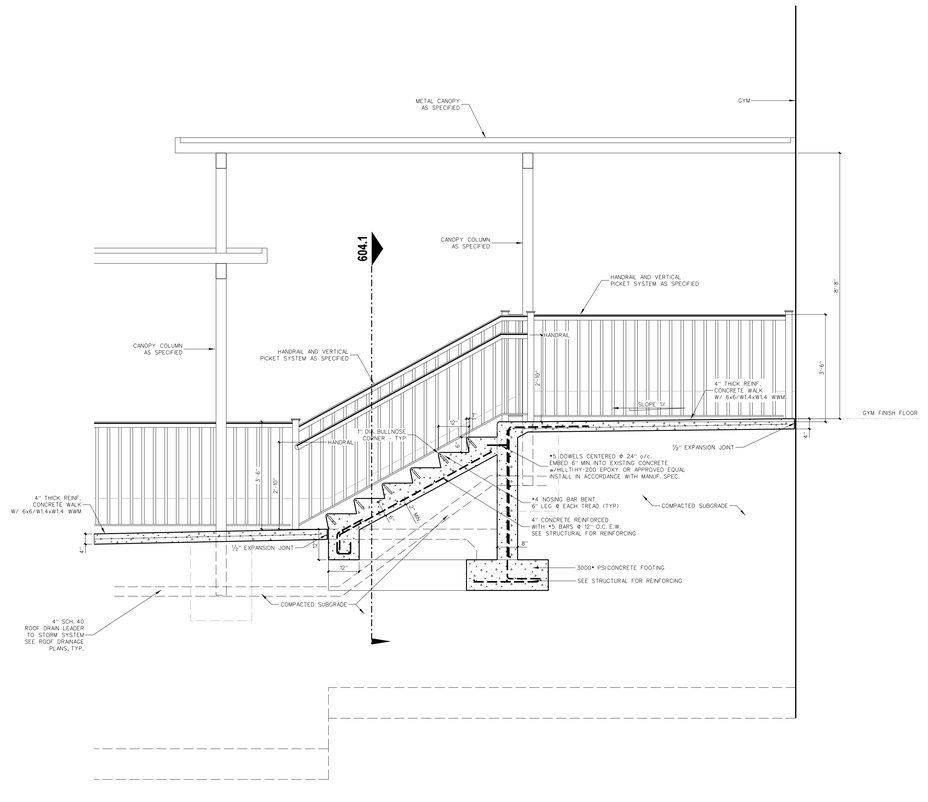
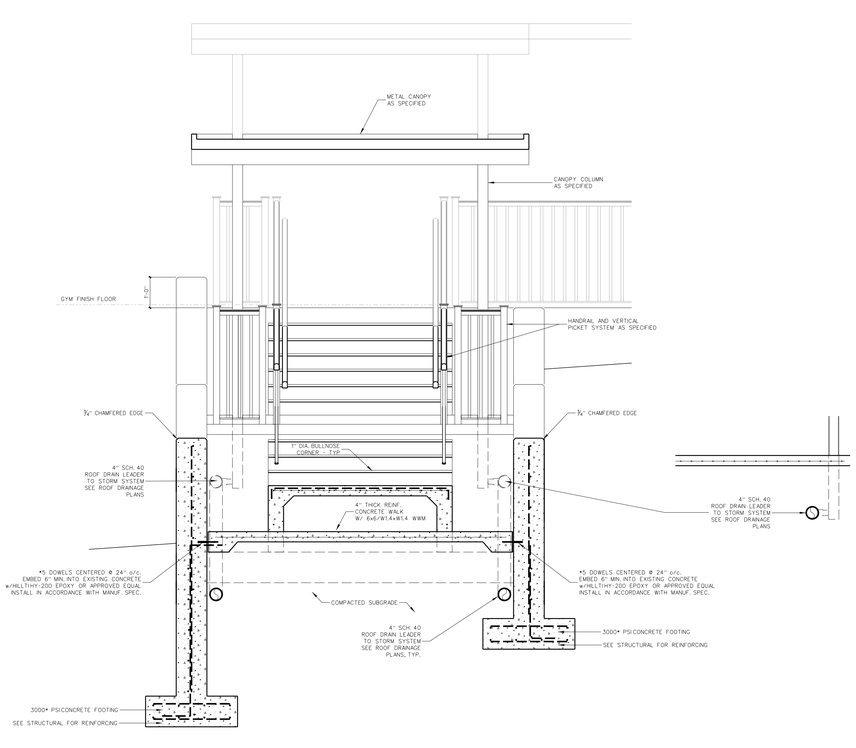


604.2 SECTION @ CONCRETE STEPS & CANOPY
SCALE: 1/2" = 1'-0"



604.1 SECTION @ CONCRETE STEPS & CANOPY
SCALE: 1/2" = 1'-0"

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1 July 2024

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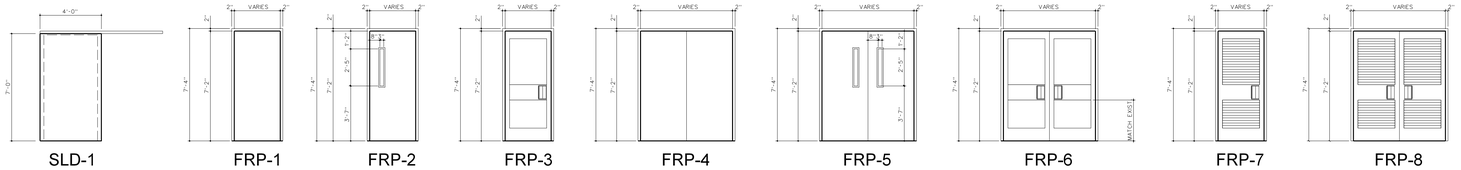
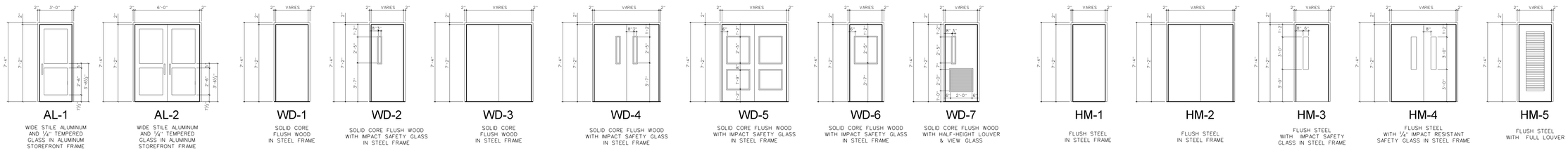
DOOR SCHEDULE - 100 BUILDING

MARK			SIZE (inches) THCK	WD	HT	LOCATION	TYPE	DESCRIPTION	FRAME MATL	FRAME WIDTH	FIRE RATING	COMMENTS
100	A	PAIR	1.75	36	86	VESTIBULE TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
100	B	PAIR	1.75	36	86	VESTIBULE TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
101	A	PAIR	1.75	36	86	VESTIBULE TO CORRIDOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
101	B	PAIR	1.75	36	86	VESTIBULE TO CORRIDOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
101	C	PAIR	1.75	36	86	CORRIDOR TO COURTYARD	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
102	A		1.75	36	86	VESTIBULE TO RECEPTION	AL-1	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		PROVIDE 4" JAMB AT COLUMN SIDE
102	B		1.75	36	86	RECEPTION TO CORRIDOR	AL-1	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
103	A		1.75	36	86	RECEPTION TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
103	B		1.75	36	86	HALL TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		PROVIDE 4" JAMB AT COLUMN SIDE
104	A		1.75	36	86	CONFERENCE TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
104	B		1.75	36	86	CONFERENCE TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
106	A		1.75	36	86	PRINCIPAL TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
107	A		1.75	36	86	BOOKKEPPER TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
108	A		1.75	36	86	TESTING TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
108	B		1.75	36	86	STORAGE TO TESTING	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		
108	C		1.75	36	86	STORAGE TO HALL	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		
109	A		1.75	36	86	ITINERANT TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
110	A		1.75	36	86	HEALTH TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
110	B		1.75	36	86	HEALTH TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
110	C		1.75	36	86	TOILET TO HEALTH	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		
111	A		1.75	36	86	RECORDS TO HALL	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		
111	B		1.75	36	86	RECORDS TO HALL	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		
112	A		1.75	36	86	GUIDANCE TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
112	B		1.75	36	86	GUIDANCE TO STORAGE	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		
113	A		1.75	36	86	GUIDANCE TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
113	B		1.75	36	86	GUIDANCE TO STORAGE	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		
114	A		1.75	36	86	STORAGE TO HALL	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		
115	A		1.75	36	86	WOMEN TOILET TO HALL	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		STOREROOM FUNCTION
116	A		1.75	36	86	MEN TOILET TO HALL	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		STOREROOM FUNCTION
117	A		1.75	36	86	OFFICE TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
118	A		1.75	36	86	S.R.O TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
118	B		1.75	36	86	S.R.O TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		PROVIDE 4" JAMB AT COLUMN SIDE
119	A		1.75	36	86	BREAK ROOM TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
120	A		1.75	36	86	ITINERANT TO HALL	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
121	A		1.75	36	86	MAKERSPACE TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		
121	B		1.75	36	86	MAKERSPACE TO MEDIA CENTER	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
122	A		1.75	40	86	MEDIA CENTER TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		
122	B		1.75	40	86	MEDIA CENTER TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		
122	C		1.75	40	86	MEDIA CENTER TO EXTERIOR	AL-1	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
123	A		1.75	36	86	MEDIA CENTER TO OFFICE	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL		
124	A		1.75	36	86	MEDIA CENTER TO STORAGE	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		
124	B		1.75	36	86	OFFICE TO STORAGE	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL		
125	A		1.75	36	86	MDF TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL		
126	A		1.75	36	86	RESOURCE TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		
127	A		1.75	36	86	MUSIC TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		
127	B		1.75	36	86	MUSIC TO STORAGE	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL		
127	C		1.75	40	86	MUSIC TO COURTYARD	AL-1	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
128	A		1.75	36	86	ART TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		PROVIDE 4" JAMB AT COLUMN SIDE
128	B		1.75	36	86	ART TO STORAGE	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL		
128	C		1.75	36	86	ART TO KILN	WD-7	WOOD / LOUVER	STEEL	7-3/4" STEEL		
128	D		1.75	40	86	ART TO COURTYARD	AL-1	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
130	A		1.75	36	86	CUSTODIAN TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL		
132	A	PAIR	1.75	36	86	MULTIPURPOSE TO CORRIDOR	WD-4	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		
132	B	PAIR	1.75	36	86	MULTIPURPOSE TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
132	C	PAIR	1.75	36	86	MULTIPURPOSE TO CORRIDOR	WD-4	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		
133	A		1.75	36	86	MULTIPURPOSE TO OFFICE	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		
135	A	PAIR	1.75	36	86	MULTIPURPOSE TO STORAGE	WD-3	FLUSH WOOD	STEEL	7-3/4" STEEL		
136	A	PAIR	1.75	36	86	CAFETERIA TO CORRIDOR	WD-4	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		
136	B	PAIR	1.75	36	86	CAFETERIA TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
136	C	PAIR	1.75	36	86	CAFETERIA TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME		
137	A		1.75	36	86	KITCHEN TO CAFETERIA	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		PROVIDE 4" JAMB AT COLUMN SIDE
137	B		1.75	36	86	KITCHEN TO CAFETERIA	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		PROVIDE 4" JAMB AT COLUMN SIDE
137	C					KITCHEN TO CAFETERIA	RU-1	ROLL-UP DOOR	STEEL	FINISHED CMU R.O		AS SHOWN AND SPECIFIED
137	D					KITCHEN TO CAFETERIA	RU-1	ROLL-UP DOOR	STEEL	FINISHED CMU R.O		AS SHOWN AND SPECIFIED
137	E					KITCHEN TO CAFETERIA	RU-1	ROLL-UP DOOR	STEEL	FINISHED CMU R.O		AS SHOWN AND SPECIFIED
137	F		1.75	42	86	KITCHEN TO EXTERIOR	FRP-1	SOLID FIBERGLASS	ALUMINUM	6" ALUM		
138	A		1.75	36	86	DRY STORAGE TO KITCHEN	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL		
139	A		1.75	36	86	CHEMICAL ROOM TO KITCHEN	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL		PROVIDE 4" JAMB AT COLUMN SIDE
140	A		1.75	36	86	OFFICE TO KITCHEN	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL		PROVIDE 4" JAMB AT COLUMN SIDE
142	A		1.75	36	86	LOCKER TO KITCHEN	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL		
143	A		1.75	36	86	STAFF TOILET TO LOCKER	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL		STOREROOM FUNCTION
144	A	PAIR	1.75	36	86	STORAGE TO CAFETERIA	WD-3	FLUSH WOOD	STEEL	7-3/4" STEEL		
145	A		1.75	36	86	STORAGE TO CAFETERIA	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL		
146	A		1.75	36	86	EXTERIOR TO BOILER	FRP-1	SOLID FIBERGLASS	ALUMINUM	6" ALUM		
146	B	PAIR	1.75	36	86	EXTERIOR TO BOILER	FRP-4	FIBERGLASS / LOUVER	ALUMINUM	6" ALUM		
147	A		1.75	42	86	EXTERIOR TO ELECTRICAL	FRP-7	FIBERGLASS / LOUVER	ALUMINUM	6" ALUM		
148	A	PAIR	1.75	36	86	STORAGE TO EXTERIOR	FRP-4	SOLID FIBERGLASS	ALUMINUM	4-1/2" ALUM. FRAME		

1	ALL DOORS TO RECEIVE HINGES AS SPECIFIED
2	ALL DOORS TO RECEIVE WALL OR OVERHEAD STOPS TO SUIT CONDITION OF USE. DOORS WITH MAGNETIC HOLD OPENS TO RECEIVE FLOOR STOPS.
3	PROVIDE CLOSERS WITH BACKSTOPS EXTERIOR DOORS AND TO SUIT CONDITION OF USE, ALL CLOSERS TO BE THROUGH-BOLTED
4	ALL STEEL FRAMES TO BE PROVIDED WITH SILENCERS
5	EXTERIOR AND IDF ROOM DOORS TO BE PROVIDED WITH WEATHERSTRIPPING AND THRESHOLDS
6	EXIT DEVICES TO BE PROVIDED WITH CYLINDERS, LOCKS, AND CD CYLINDER DOGGING
7	AT PAIRS OF DOORS, PULL SIDE, PROVIDE PULL OR LEVER BOTH SIDES ONLY UNLESS OTHERWISE NOTED
8	ALUMINUM DOORS - SEE SPECIFICATIONS FOR HARDWARE NOT INDICATED ABOVE
9	PROVIDE CYLINDERS FOR KEYED MULLIONS SUPPLIED BY ALUMINUM DOOR SUPPLIER
10	PROVIDE SOLID WOOD BLOCKING FOR DOOR STOPS AND HOLD OPEN DEVICES
11	EXIT DEVICES AT EXTERIOR DOORS TO BE NL WITH PULL, UNLESS OTHERWISE INDICATED
12	EXIT DEVICES AT INTERIOR DOORS TO BE CLASSROOM FUNCTION WITH LEVER
13	PROVIDE 4" WIDE STEEL JAMBS FOR DOORS ABUTTING STEEL COLUMNS AND SPECIAL CONDITIONS AS NOTED





701.1 DOOR ELEVATIONS
SCALE: 1/4" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
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HITE ASSOCIATES, P.C. — REGISTERED ARCHITECTURAL CORPORATION — CERTIFICATE NUMBER C-4118 — GREENVILLE, N.C.

JAMES GRAY HITE — REGISTERED ARCHITECT — 3754 — GREENVILLE, N.C.

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 701

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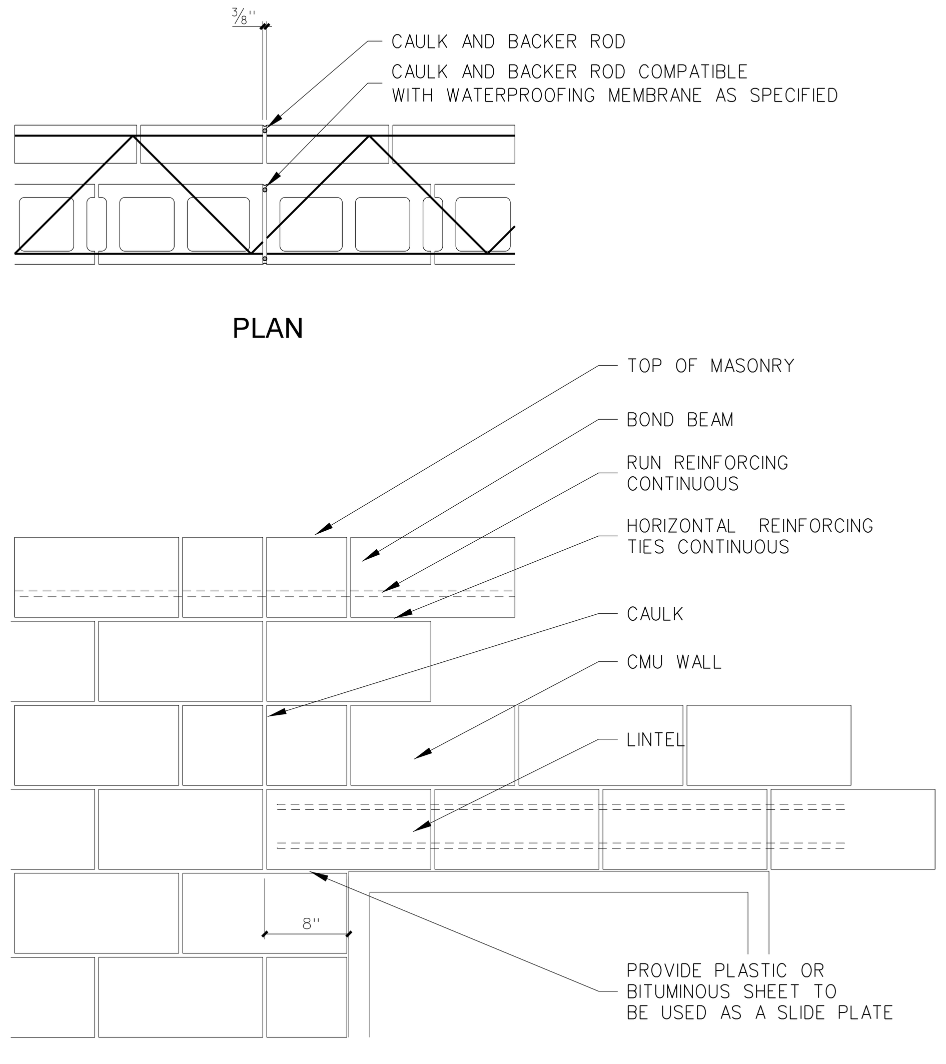
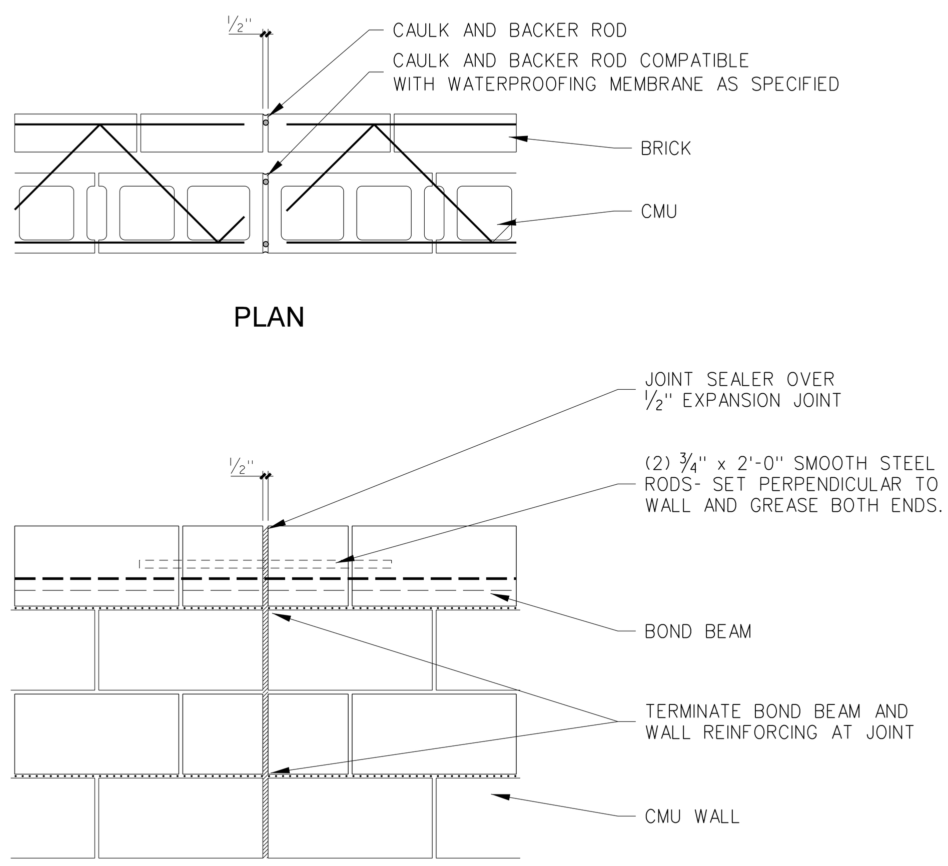
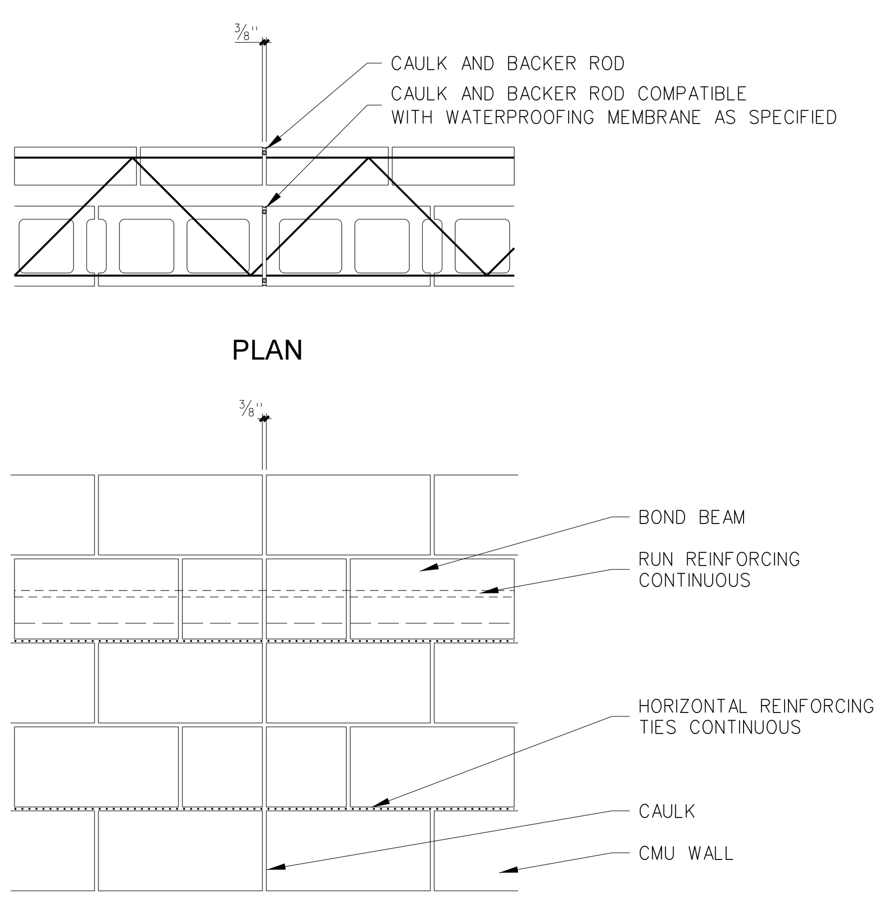


NOTE:
CONTROL JOINT ONE SIDE ALL MASONRY OPENINGS, BOTH SIDES IF OPENING EXCEEDS 5'-0" AND 30'-0" O.C. UNLESS OTHERWISE NOTED.

TYPICAL MASONRY OPENING CONTROL JOINT



TYPICAL EXPANSION JOINT



TYPICAL CONSTRUCTION JOINT

702.1 MASONRY CONSTRUCTION JOINT DETAILS
SCALE: 1" = 1'-0"

DOOR SCHEDULE - 200 BUILDING

MARK			SIZE (inches) THCK	WD	HT	LOCATION	TYPE	DESCRIPTION	FRAME MATL	FRAME WIDTH	FIRE RATING
200	A	PAIR	1.75	36	86	COLLABORATIVE TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	2" ALUM. FRA	
201	A	PAIR	1.75	36	86	CORRIDOR TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	2" ALUM. FRA	
201	B	PAIR	1.75	36	86	CORRIDOR TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	2" ALUM. FRA	
201	C	PAIR	1.75	36	86	CORRIDOR TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	2" ALUM. FRA	
201	D		1.75	36	86	TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL	
201	E		1.75	36	86	TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL	
202	A	PAIR	1.75	36	86	CORRIDOR TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	2" ALUM. FRA	
202	B	PAIR	1.75	36	86	CORRIDOR TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	2" ALUM. FRA	
203	A		1.75	36	86	RESOURCE TO COLLABORATIVE	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
204	A		1.75	36	86	STAFF PLANNING TO CORRIDO	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
204	B		1.75	36	86	STAFF PLANNING TO CORRIDO	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
205	A		1.75	36	86	RESOURCE TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
206	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
206	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
206	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
206	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
207	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
207	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
207	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
207	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
208	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
208	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
208	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
208	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
209	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
209	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
209	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
209	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
210	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
210	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
210	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
210	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
211	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
211	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
211	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
211	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
212	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
212	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
212	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
212	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
213	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
213	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
213	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
213	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
214	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
214	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
214	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
214	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
215	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
215	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
215	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
215	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
216	A		1.75	36	86	ACCESS TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL	
217	A		1.75	36	86	STAFF TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL	
218	A		1.75	36	86	STAFF TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL	
219	A		1.75	36	86	RESOURCE TO COLLABORATIVE	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
220	A		1.75	36	86	STORAGE TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL	
221	A		1.75	36	86	CUSTODIAN TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL	
222	A		1.75	36	86	RESOURCE TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
223	A		1.75	36	86	STAFF TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL	
224	A		1.75	36	86	STAFF TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL	
225	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
225	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
225	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
225	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
226	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
226	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
226	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
226	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
227	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
227	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
227	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
227	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
228	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
228	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
228	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
228	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
229	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
229	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
229	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
229	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
230	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
230	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
230	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
230	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
231	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
231	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
231	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
231	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
232	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
232	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
232	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
232	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
233	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
233	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
233	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
233	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
234	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
234	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
234	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
234	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
235	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
235	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
235	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
235	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
236	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL	
236	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
236	C		1	48	90	CLASSROOM TO WET AREA	SLD-1	FLUSH SLIDING	ALUMINUM	N/A	
236	D		1.75	36	86	TOILET TO WET AREA	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL	
238	A		1.75	36	86	PLATFORM TO IDF	HM-1	FLUSH STEEL	STEEL	5-3/4" STEEL	

MARK	AUTO DOOR OPENER	ELECTRONIC ACCESS CONTROL LOCKSET	ELECTRONIC ACCESS CONTROL EXIT DEVICE	DOOR POSITION INDICATOR	EXIT DEVICE	CLOSER	CLOSER WITH BACKSTOP	AUTO CLOSING HINGES (SET)	KICK PLATES (SET OF TWO)	WALL STOP	FLOOR STOP	OVERHEAD STOP	HOOK STOP	PUSH-PULL (LATCH IF RATED)	DEADBOLT WITH THUMBTURN	FLUSH BOLTS (PAIR)	ASTRAGAL AND COORDINATOR	PASSAGE SET	PRIVACY LOCKSET WITH INDICATOR	ENTRY OR OFFICE LOCKSET	CLASSROOM LOCKSET	STOREROOM LOCKSET	SMOKE SEAL (SET)	SOUND SEAL (SET)	MAGNETIC HOLD-OPEN	KEYED MULLION	SURF MTD VRD LESS BOTTOM ROD	PROVIDE RAINGUARD SWEEP ON DOOR BOTTOM	COMMENTS
200 A			1	2	1		2																			1		2	
201 A			1	2	1		2																			1		2	
201 B			1	2	1		2																			1		2	
201 C			1	2	1		2																			1		2	
201 D										1									1										
201 E										1									1										
202 A			1	2	1		2																			1		2	
202 B			1	2	1		2																			1		2	
203 A												1									1								
204 A										1										1									
204 B										1										1									PROVIDE 4" JAMB AT COLUMN SIDE
205 A										1											1								PROVIDE 4" JAMB AT COLUMN SIDE
206 A										1											1								
206 B										1										1									
206 C																													AS SPECIFIED
206 D										1									1										
207 A										1											1								
207 B										1										1									
207 C																													AS SPECIFIED
207 D										1									1										
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215 C																													AS SPECIFIED
215 D										1									1										
216 A										1												1							
217 A										1									1										STOREROOM FUNCTION
218 A										1									1										STOREROOM FUNCTION
219 A										1											1								
220 A										1										1									
221 A									1	1										1									
222 A										1											1								PROVIDE 4" JAMB AT COLUMN SIDE
223 A										1									1										STOREROOM FUNCTION
224 A										1									1										STOREROOM FUNCTION
225 A										1											1								
225 B										1										1									
225 C																													AS SPECIFIED
225 D										1									1										
226 A										1											1								
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226 C																													AS SPECIFIED
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227 A										1											1								
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236 A										1											1								
236 B										1										1									
236 C																													AS SPECIFIED
236 D										1									1										
238 A										1										1									

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. ARCHITECTURAL CORPORATION CERTIFICATE NUMBER 418 REGISTERED STATE OF NORTH CAROLINA GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

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Date: 1 July 2024
Drawing no. A 702

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DOOR SCHEDULE - 300 BUILDING

MARK			SIZE (inches) THCK	WD	HT	LOCATION	TYPE	DESCRIPTION	FRAME MATL	FRAME WIDTH	FIRE RATING	AUTO DOOR OPENER	ELECTRONIC ACCESS CONTROL LOCKSET	ELECTRONIC ACCESS CONTROL EXIT DEVICE	DOOR POSITION INDICATOR	EXIT DEVICE	CLOSER	CLOSER WITH BACKSTOP	AUTO CLOSING HINGES (SET)	KICK PLATES (SET OF TWO)	WALL STOP	FLOOR STOP	OVERHEAD STOP	HOOK STOP	PUSH-PULL (LATCH IF RATED)	DEADBOLT WITH THUMBTURN	FLUSH BOLTS (PAIR)	ASTRAGAL AND COORDINATOR	PASSAGE SET	PRIVACY LOCKSET WITH INDICATOR	ENTRY OR OFFICE LOCKSET	CLASSROOM LOCKSET	STOREROOM LOCKSET	SMOKE SEAL (SET)	SOUND SEAL (SET)	MAGNETIC HOLD-OPEN	KEYED MULLION	SURF MTD VRD LESS BOTTOM ROD	PROVIDE RAINGUARD SWEEP ON DOOR BOTTOM	COMMENTS
300	A	PAIR	1.75	36	86	CORRIDOR TO COLLABORATIVE	HM-4	STEEL / VIEW GLASS	STEEL	7-3/4" STEEL	90 MINUTE			1	2	1	2					2						2						1		2		2		
300	B	PAIR	1.75	36	86	CORRIDOR TO COLLABORATIVE	HM-4	STEEL / VIEW GLASS	STEEL	7-3/4" STEEL	90 MINUTE			1	2	1	2					2						2						1		2		2		
300	C	PAIR	1.75	36	86	CORRIDOR TO COURTYARD	AL-2	ALUMINUM / GLASS	ALUMINUM	2" ALUM. FRA				1	2	1		2																			1		2	
301	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
301	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL													1								1									
301	C		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
301	D		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
302	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
302	B		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
303	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								
303	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL													1								1									
303	C		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
303	D		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
304	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
304	B		1.75	36	86	STORAGE TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1										1									
304	C		1	48	90	CLASSROOM TO LIFE SKILLS	SLD-1	FLUSH SLIDING	ALUMINUM	N/A																														AS SPECIFIED
304	D		1.75	36	86	LIFE SKILLS TO TOILET	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1									1										
304	E		1.75	36	86	LIFE SKILLS TO TOILET	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1									1										
304	F		1.75	42	86	CLASSROOM TO COURTYARD	AL-1	ALUMINUM / GLASS	ALUMINUM	2" ALUM. FRA					1	1		1																					1	
305	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								
305	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL													1								1									
305	C		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
305	D		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
306	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
306	B		1.75	36	86	STORAGE TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1										1									
306	C		1	48	90	CLASSROOM TO LIFE SKILLS	SLD-1	FLUSH SLIDING	ALUMINUM	N/A																														AS SPECIFIED
306	D		1.75	42	86	CLASSROOM TO COURTYARD	AL-1	ALUMINUM / GLASS	ALUMINUM	2" ALUM. FRA					1	1		1																					1	
307	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								
307	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL													1								1									
307	C		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
307	D		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
308	A		1.75	36	86	SPEECH TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1									1										
309	A		1.75	36	86	IEP TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1									1										
310	A		1.75	36	86	SENSORY TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1									1										
310	B		1.75	36	86	SENSORY TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1									1										
311	A		1.75	36	86	PT/OT TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1									1										
312	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								
312	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL													1								1									
312	C		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
312	D		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
312	E		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
313	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								
313	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL													1								1									
313	C		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
313	D		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
314	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								
314	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL													1								1									
314	C		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
315	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								
315	B		1.75	36	86	STORAGE TO CUBBIES	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL													1								1									
315	C		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
315	D		1.75	36	86	TOILET TO CLASSROOM	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1									1										
316	A		1.75	36	86	PLATFORM TO PLATFORM	HM-2	FLUSH STEEL	STEEL	7-3/4" STEEL	90 MINUTE					2	2				2													1				1		
316	B		1.75	36	86	PLATFORM TO PLATFORM	HM-2	FLUSH STEEL	STEEL	7-3/4" STEEL	90 MINUTE					2	2				2													1				1		

NOTES AND GENERAL AND SPECIAL HARDWARE REQUIRED	
1	ALL DOORS TO RECEIVE HINGES AS SPECIFIED
2	ALL DOORS TO RECEIVE WALL OR OVERHEAD STOPS TO SUIT CONDITION OF USE. DOORS WITH MAGNETIC HOLD OPENS TO RECEIVE FLOOR STOPS.
3	PROVIDE CLOSERS WITH BACKSTOPS EXTERIOR DOORS AND TO SUIT CONDITION OF USE, ALL CLOSERS TO BE THROUGH-BOLTED
4	ALL STEEL FRAMES TO BE PROVIDED WITH SILENCERS
5	EXTERIOR AND IDF ROOM DOORS TO BE PROVIDED WITH WEATHERSTRIPPING AND THRESHOLDS
6	EXIT DEVICES TO BE PROVIDED WITH CYLINDERS, LOCKS, AND CD CYLINDER DOGGING
7	AT PAIRS OF DOORS, PULL SIDE, PROVIDE PULL OR LEVER BOTH SIDES ONLY UNLESS OTHERWISE NOTED
8	ALUMINUM DOORS - SEE SPECIFICATIONS FOR HARDWARE NOT INDICATED ABOVE
9	PROVIDE CYLINDERS FOR KEYED MULLIONS SUPPLIED BY ALUMINUM DOOR SUPPLIER
10	PROVIDE SOLID WOOD BLOCKING FOR DOOR STOPS AND HOLD OPEN DEVICES
11	EXIT DEVICES AT EXTERIOR DOORS TO BE NL WITH PULL, UNLESS OTHERWISE INDICATED
12	EXIT DEVICES AT INTERIOR DOORS TO BE CLASSROOM FUNCTION WITH LEVER
13	PROVIDE 4" WIDE STEEL JAMBS FOR DOORS ABUTTING STEEL COLUMNS AND SPECIAL CONDITIONS AS NOTED

No.	Date	Revision

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HITE ASSOCIATES, P.C. REGISTERED ARCHITECTURAL CORPORATION STATE OF NORTH CAROLINA CERTIFICATE NUMBER 418 GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 703

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DOOR SCHEDULE - 400 BUILDING

MARK			SIZE (inches)			LOCATION	TYPE	DESCRIPTION	FRAME MATL	FRAME WIDTH	FIRE RATING	AUTO DOOR OPENER	ELECTRONIC ACCESS CONTROL LOCKSET	ELECTRONIC ACCESS CONTROL EXIT DEVICE	DOOR POSITION INDICATOR	EXIT DEVICE	CLOSER	CLOSER WITH BACKSTOP	AUTO CLOSING HINGES (SET)	KICK PLATES (SET OF TWO)	WALL STOP	FLOOR STOP	OVERHEAD STOP	HOOK STOP	PUSH-PULL (LATCH IF RATED)	DEADBOLT WITH THUMBTURN	FLUSH BOLTS (PAIR)	ASTRAGAL AND COORDINATOR	PASSAGE SET	PRIVACY LOCKSET WITH INDICATOR	ENTRY OR OFFICE LOCKSET	CLASSROOM LOCKSET	STOREROOM LOCKSET	SMOKE SEAL (SET)	SOUND SEAL (SET)	MAGNETIC HOLD-OPEN	KEYED MULLION	SURF MTD VRD LESS BOTTOM ROD	PROVIDE RAINGUARD SWEEP ON DOOR BOTTOM	COMMENTS
			THCK	WD	HT																																			
400	A	PAIR	1.75	36	86	COLLABORATIVE TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME				1	2	1		2																				1		2	
401	A	PAIR	1.75	36	86	CORRIDOR TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME				1	2	1		2																				1		2	
401	B	PAIR	1.75	36	86	CORRIDOR TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME				1	2	1		2																				1		2	
402	A	PAIR	1.75	36	86	CORRIDOR TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME				1	2	1		2																				1		2	
402	B	PAIR	1.75	36	86	CORRIDOR TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME				1	2	1		2																				1		2	
403	A		1.75	36	86	RESOURCE TO COLLABORATIVE	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL													1									1								
403	B		1.75	36	86	RESOURCE TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
404	A		1.75	36	86	STAFF PLANNING TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1										1									PROVIDE 4" JAMB AT COLUMN SIDE
404	B		1.75	36	86	STAFF PLANNING TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1										1									PROVIDE 4" JAMB AT COLUMN SIDE
405	A		1.75	36	86	RESOURCE TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
406	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
407	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
408	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
409	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
410	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
411	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
412	A		1.75	36	86	BOYS TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL									1		1				1															PROVIDE 4" JAMB AT COLUMN SIDE
413	A		1.75	36	86	GIRLS TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL									1		1				1															PROVIDE 4" JAMB AT COLUMN SIDE
414	A		1.75	36	86	STAFF TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1									1										STOREROOM FUNCTION
415	A		1.75	36	86	STAFF TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1									1										STOREROOM FUNCTION
416	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
417	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
418	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
419	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
420	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
421	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
422	A		1.75	36	86	RESOURCE TO COLLABORATIVE	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								
423	A		1.75	36	86	ACCESS TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1												1							
424	A		1.75	36	86	STORAGE TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1										1									
425	A		1.75	36	86	STAFF TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1									1										STOREROOM FUNCTION
426	A		1.75	36	86	CUSTODIAN TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL										1	1										1									PROVIDE 4" JAMB AT COLUMN SIDE
427	A		1.75	36	86	STAFF TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1									1										STOREROOM FUNCTION
428	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
429	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
430	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
431	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
432	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
433	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
434	A		1.75	36	86	BOYS TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL									1		1				1															PROVIDE 4" JAMB AT COLUMN SIDE
435	A		1.75	36	86	GIRLS TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL									1		1				1															PROVIDE 4" JAMB AT COLUMN SIDE
436	A		1.75	36	86	STAFF TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1									1										STOREROOM FUNCTION
437	A		1.75	36	86	STAFF TOILET TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	7-3/4" STEEL											1									1										STOREROOM FUNCTION
438	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
439	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
440	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
441	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
442	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
443	A		1.75	36	86	CLASSROOM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	7-3/4" STEEL											1											1								PROVIDE 4" JAMB AT COLUMN SIDE
445	A		1.75	36	86	PLATFORM TO IDF	HM-1	FLUSH STEEL	STEEL	5-3/4" STEEL											1										1									

DOOR SCHEDULE - 500 BUILDING

MARK			SIZE (inches)			LOCATION	TYPE	DESCRIPTION	FRAME MATL	FRAME WIDTH	FIRE RATING	AUTO DOOR OPENER	ELECTRONIC ACCESS CONTROL LOCKSET	ELECTRONIC ACCESS CONTROL EXIT DEVICE	DOOR POSITION INDICATOR	EXIT DEVICE	CLOSER	CLOSER WITH BACKSTOP	AUTO CLOSING HINGES (SET)	KICK PLATES (SET OF TWO)	WALL STOP	FLOOR STOP	OVERHEAD STOP	HOOK STOP	PUSH-PULL (LATCH IF RATED)	DEADBOLT WITH THUMBTURN	FLUSH BOLTS (PAIR)	ASTRAGAL AND COORDINATOR	PASSAGE SET	PRIVACY LOCKSET WITH INDICATOR	ENTRY OR OFFICE LOCKSET	CLASSROOM LOCKSET	STOREROOM LOCKSET	SMOKE SEAL (SET)	SOUND SEAL (SET)	MAGNETIC HOLD-OPEN	KEYED MULLION	SURF MTD VRD LESS BOTTOM ROD	PROVIDE RAINGUARD SWEEP ON DOOR BOTTOM	COMMENTS
			THCK	WD	HT																																			
501	A	PAIR	1.75	48	86	CONNECTOR TO CORRIDOR	HM-4	STEEL / VIEW GLASS	STEEL	7-3/4" STEEL	SMOKE			1	2	1	2					2						2							1		2		2		
501	B	PAIR	1.75	36	86	CONNECTOR TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME					2	2		2																				1		2	
501	C	PAIR	1.75	36	86	COURTYARD TO CONNECTOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME						2		2																				1		2	
501	D	PAIR	1.75	48	86	CONNECTOR TO COLLABORATIVE	HM-4	STEEL / VIEW GLASS	STEEL	7-3/4" STEEL	SMOKE			1	2	1	2					2						2							1		2		2		
501	E	PAIR	1.75	36	86	EXTERIOR TO CONNECTOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME					2	2		2																				1		2	
501	F	PAIR	1.75	36	86	CONNECTOR TO COURTYARD	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME						2		2																				1		2	
501	G	PAIR	1.75	36	86	COURTYARD TO EXTERIOR	FRP-5	FIBERGLASS / GLASS	ALUMINUM	6" ALUM				1	2	1		2																				1			
502	A	PAIR	1.75	48	86	CONNECTOR TO CORRIDOR	HM-4	STEEL / VIEW GLASS	STEEL	7-3/4" STEEL	SMOKE			1	2	1	2					2						2							1		2		2		
502	B	PAIR	1.75	36	86	CONNECTOR TO EXTERIOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME					2	2		2																				1		2	
502	C	PAIR	1.75	36	86	COURTYARD TO CONNECTOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME						2		2																				1		2	
502	D	PAIR	1.75	48	86	CONNECTOR TO COLLABORATIVE	HM-4	STEEL / VIEW GLASS	STEEL	7-3/4" STEEL	SMOKE			1	2	1	2					2						2							1		2		2		
502	E	PAIR	1.75	36	86	EXTERIOR TO CONNECTOR	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME					2	2		2																				1		2	
502	F	PAIR	1.75	36	86	CONNECTOR TO COURTYARD	AL-2	ALUMINUM / GLASS	ALUMINUM	4-1/2" ALUM. FRAME						2		2																				1		2	
502	G		1.75	36	86	COURTYARD TO EXTERIOR	FRP-2	FIBERGLASS / GLASS	ALUMINUM	6" ALUM				1	1			1																							
502	H	PAIR	1.75	36	86	COURTYARD TO EXTERIOR	FRP-5	FIBERGLASS / GLASS	ALUMINUM	6" ALUM				1	2	1		2																				1			

DOOR SCHEDULE - 600 BUILDING

MARK			SIZE (inches)			LOCATION	TYPE	DESCRIPTION	FRAME MATL	FRAME WIDTH	FIRE RATING	AUTO DOOR OPENER	ELECTRONIC ACCESS CONTROL LOCKSET	ELECTRONIC ACCESS CONTROL EXIT DEVICE	DOOR POSITION INDICATOR	EXIT DEVICE	CLOSER	CLOSER WITH BACKSTOP	AUTO CLOSING HINGES (SET)	KICK PLATES (SET OF TWO)	WALL STOP	FLOOR STOP	OVERHEAD STOP	HOOK STOP	PUSH-PULL (LATCH IF RATED)	DEADBOLT WITH THUMBTURN	FLUSH BOLTS (PAIR)	ASTRAGAL AND COORDINATOR	PASSAGE SET	PRIVACY LOCKSET WITH INDICATOR	ENTRY OR OFFICE LOCKSET	CLASSROOM LOCKSET	STOREROOM LOCKSET	SMOKE SEAL (SET)	SOUND SEAL (SET)	MAGNETIC HOLD-OPEN	KEYED MULLION	SURF MTD VRD LESS BOTTOM ROD	PROVIDE RAINGUARD SWEEP ON DOOR BOTTOM	COMMENTS
			THCK	WD	HT																																			
609	A	PAIR	1.75	36	84	CORRIDOR TO EXTERIOR	FRP-6	FIBERGLASS / GLASS	ALUMINUM	6" ALUM. FRAME				1	2	1		2																				1		2	FIELD VERIFY EXISTING OPENING DIMENSIONS PRIOR TO ORDERING.
609	B	PAIR	1.75	36	84	GYM TO CORRIDOR	WD-2	WOOD / VIEW GLASS	STEEL	5-3/4" STEEL						2	2				2																	1			
610	A		1.75	36	84	STORAGE TO CORRIDOR	WD-1	FLUSH WOOD	STEEL	5-3/4" STEEL											1										1									

NOTES AND GENERAL AND SPECIAL HARDWARE REQUIRED	
1	ALL DOORS TO RECEIVE HINGES AS SPECIFIED
2	ALL DOORS TO RECEIVE WALL OR OVERHEAD STOPS TO SUIT CONDITION OF USE. DOORS WITH MAGNETIC HOLD OPENS TO RECEIVE FLOOR STOPS.
3	PROVIDE CLOSERS WITH BACKSTOPS EXTERIOR DOORS AND TO SUIT CONDITION OF USE, ALL CLOSERS TO BE THROUGH-BOLTED
4	ALL STEEL FRAMES TO BE PROVIDED WITH SILENCERS
5	EXTERIOR AND IDF ROOM DOORS TO BE PROVIDED WITH WEATHERSTRIPPING AND THRESHOLDS
6	EXIT DEVICES TO BE PROVIDED WITH CYLINDERS, LOCKS, AND CD CYLINDER DOGGING
7	AT PAIRS OF DOORS, PULL SIDE, PROVIDE PULL OR LEVER BOTH SIDES ONLY UNLESS OTHERWISE NOTED
8	ALUMINUM DOORS - SEE SPECIFICATIONS FOR HARDWARE NOT INDICATED ABOVE
9	PROVIDE CYLINDERS FOR KEYED MULLIONS SUPPLIED BY ALUMINUM DOOR SUPPLIER
10	PROVIDE SOLID WOOD BLOCKING FOR DOOR STOPS AND HOLD OPEN DEVICES
11	EXIT DEVICES AT EXTERIOR DOORS TO BE NL WITH PULL, UNLESS OTHERWISE INDICATED
12	EXIT DEVICES AT INTERIOR DOORS TO BE CLASSROOM FUNCTION WITH LEVER
13	PROVIDE 4" WIDE STEEL JAMBS FOR DOORS ABUTTING STEEL COLUMNS AND SPECIAL CONDITIONS AS NOTED

No.	Date	Revision

Hite associates
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2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. REGISTERED ARCHITECTURAL CORPORATION CERTIFICATE NUMBER 418 STATE OF NORTH CAROLINA GREENVILLE

JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 704

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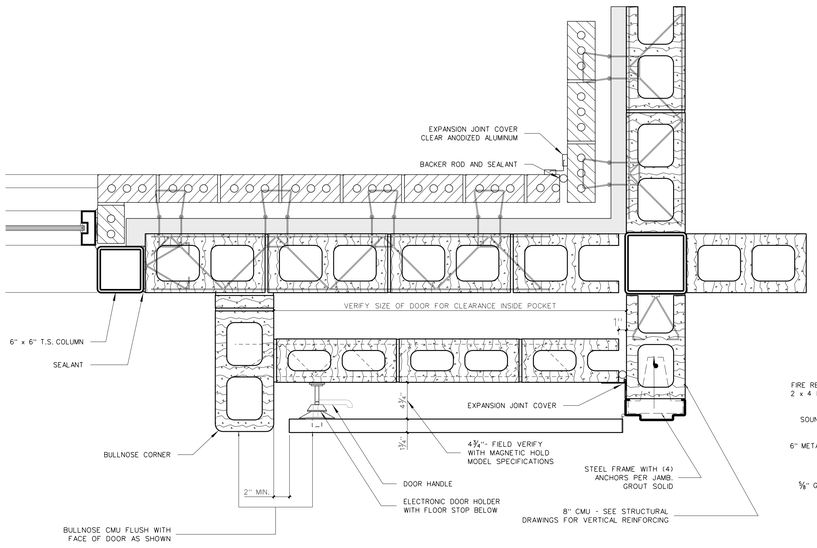
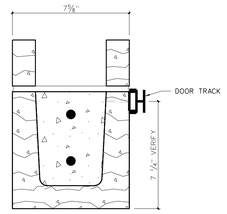


705.16 RECESSED DOOR DETAIL
SCALE: 1 1/2" = 1'-0"



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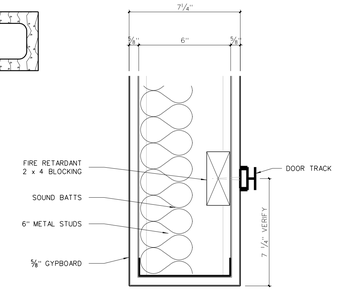
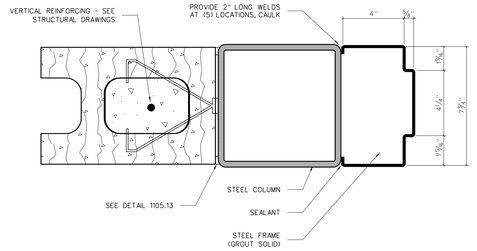
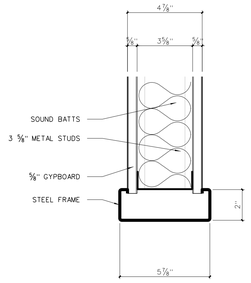


705.15 HEAD



705.14 JAMB- TYP. @ COLUMNS



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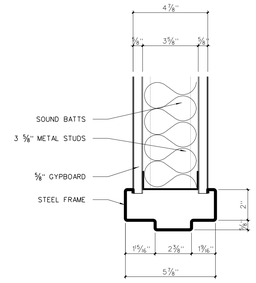
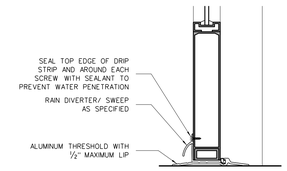
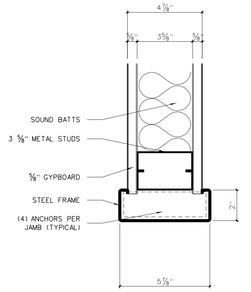


705.10 HEAD



705.13 DOOR THRESHOLD DETAIL



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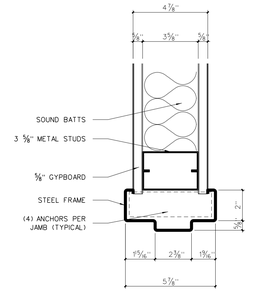

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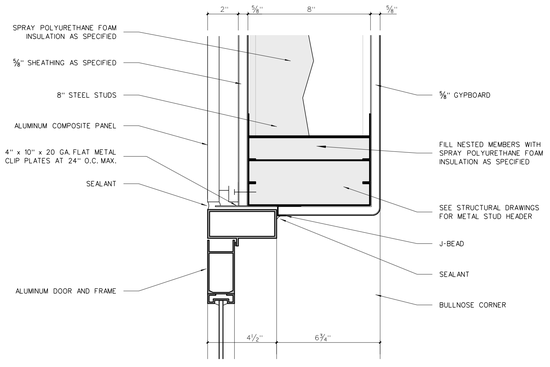

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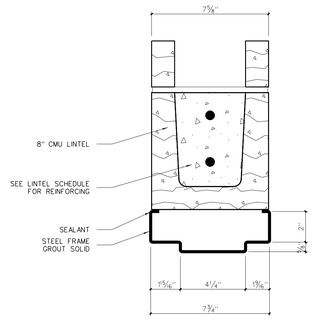
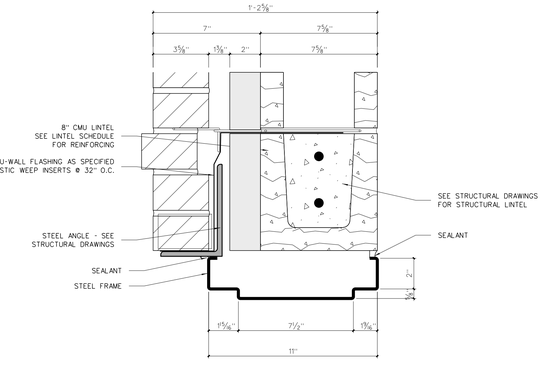


705.6 HEAD



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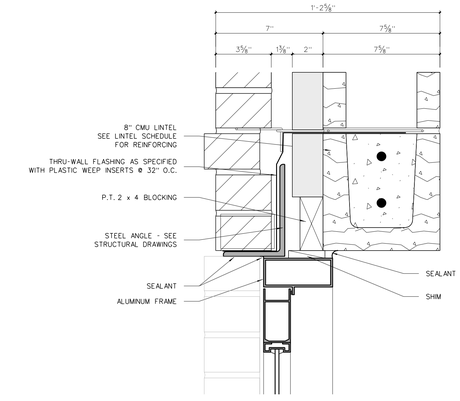

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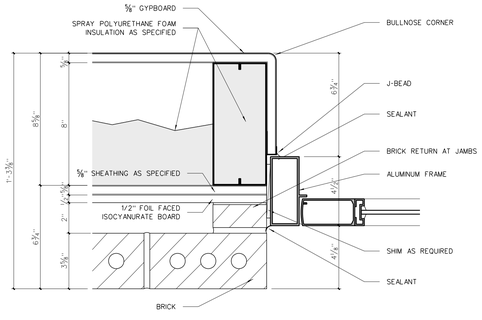

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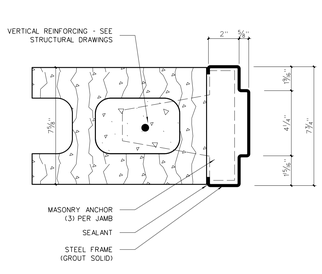

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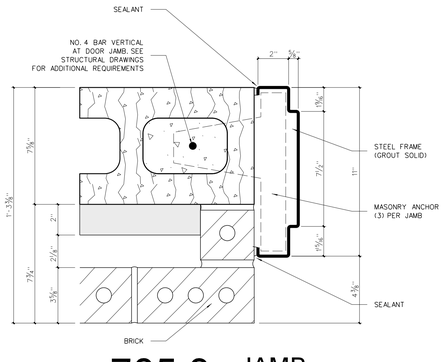

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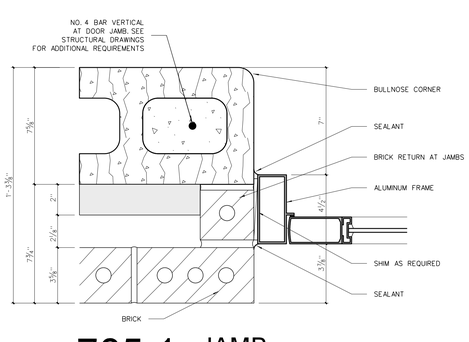

705.1 JAMB

705 DOOR FRAME DETAILS
SCALE: 3" = 1'-0"

No.	Date	Revision

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HITE ASSOCIATES, P.C. — CERTIFICATE OF AUTHORIZATION NUMBER 418 — GREENVILLE, NORTH CAROLINA

JAMES GRAY HITE — REGISTERED ARCHITECT 3754 — GREENVILLE, NORTH CAROLINA

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 705

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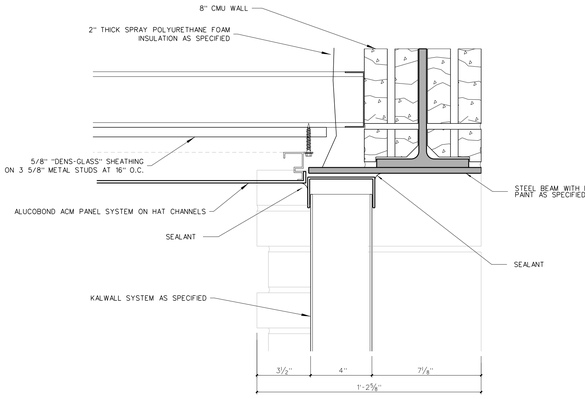

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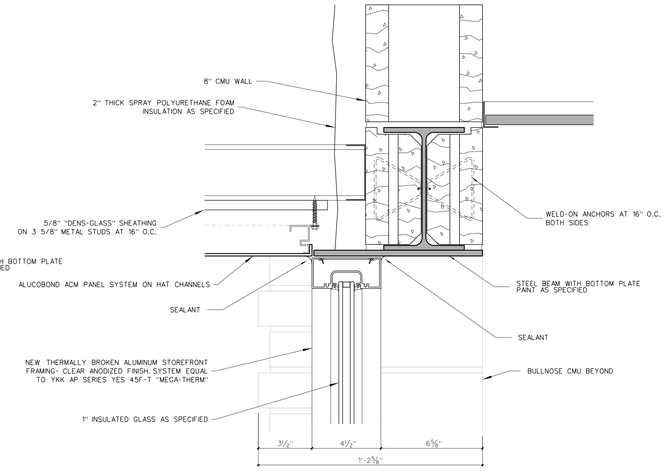

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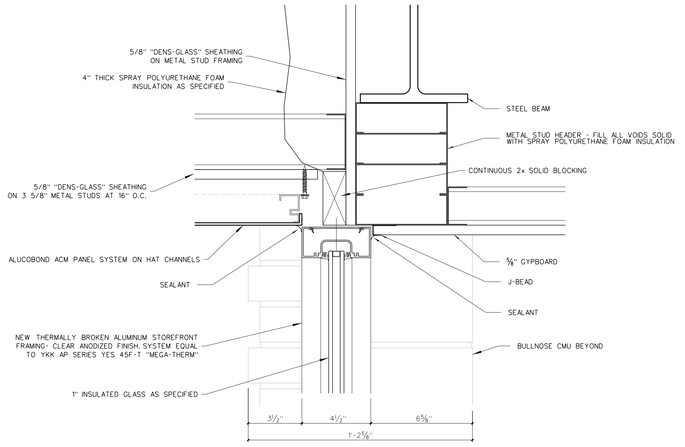
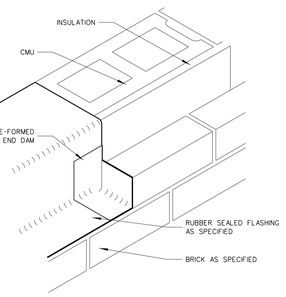
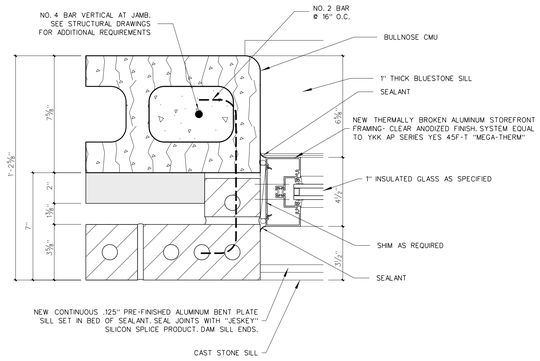


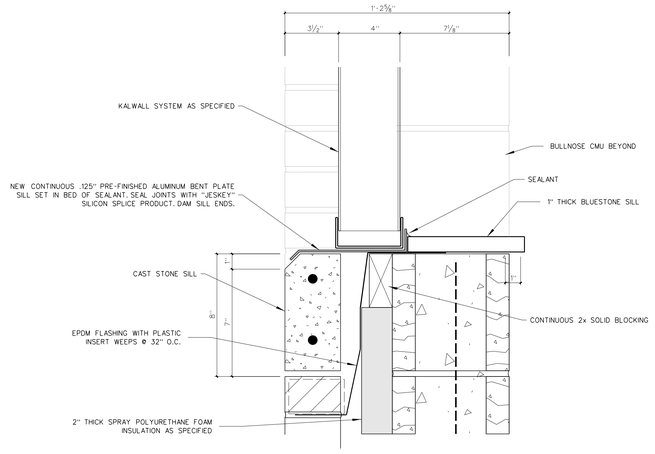
706.3 HEAD



706.4 WINDOW FLASHING DETAIL
SCALE: NONE

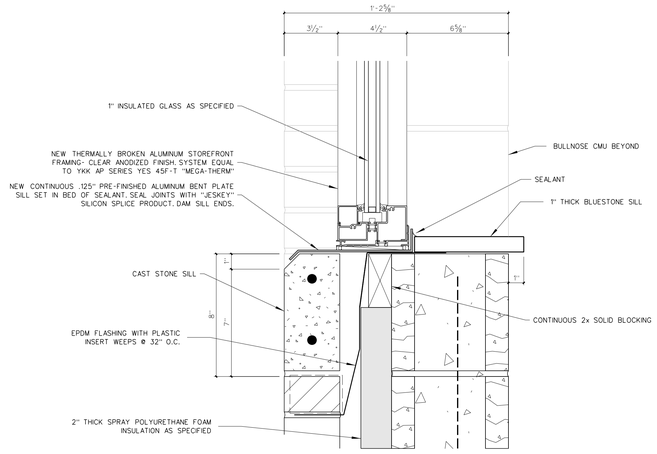


706.2 JAMB



706.6 SILL

706 WINDOW DETAILS
SCALE: 3" = 1'-0"



706.1 SILL

No.	Date	Revision

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HITE ASSOCIATES, P.C. — CORPORATION — CERTIFICATE NUMBER C-418 — REGISTERED — GREENVILLE

JAMES GRAY HITE — REGISTERED ARCHITECT 3754 — STATE OF NORTH CAROLINA — GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 706

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FINISH SCHEDULE - 100 BUILDING

MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
100	VESTIBULE	TERRAZZO	4" RUBBER	PAINTED CMU	PAINTED 5/8" GYPBD	VARIES	DEPRESS SLAB 3/8" FOR TERRAZZO
101	CORRIDOR	TERRAZZO	4" RUBBER	PAINTED CMU	ACT / PNT DRYWALL	VARIES	DEPRESS SLAB 3/8" FOR TERRAZZO
102	RECEPTION	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
103 A	ADMINISTRATIVE ASSISTANT	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
103 B	CORRIDOR	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
104	CONFERENCE	CARPET TILE	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
105	WORKROOM	LVP	CERAMIC TILE	PAINTED DRYWALL	ACOUSTICAL TILE	10'-0"	
106	PRINCIPAL	CARPET TILE	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
107	BOOKKEEPER	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
108 A	TESTING	LVP	4" RUBBER	PAINTED DRYWALL	ACOUSTICAL TILE	10'-0"	
108 B	STORAGE	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	9'-0"	
108 C	STORAGE	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	9'-0"	
109	ITINERANT	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
110 A	HEALTH	LVP	4" RUBBER	PAINTED DRYWALL	ACOUSTICAL TILE	10'-0"	
110 B	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
111	RECORDS/STORAGE	LVP	4" RUBBER	PAINTED DRYWALL	ACOUSTICAL TILE	10'-0"	
112 A	GUIDANCE	CARPET TILE	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
112 B	STORAGE	CARPET TILE	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	9'-0"	
113 A	GUIDANCE	CARPET TILE	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
113 B	STORAGE	CARPET TILE	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	9'-0"	
114	STORAGE	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	9'-0"	
115	WOMEN	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
116	MEN	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
117	A.P. OFFICE	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
118	SRO	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
119	BREAKROOM	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
120	ITINERANT	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACOUSTICAL TILE	10'-0"	
121	MAKER SPACE	LVP	4" RUBBER	PAINT CMU / DRYWALL	ACT / PNT DRYWALL	VARIES	
122	MEDIA CENTER	CARPET TILE	4" RUBBER	PAINT CMU / DRYWALL	PNT GYPBD / FELT BAFFLE SYSTEM	VARIES	FELT BAFFLE SYSTEM AS SPECIFIED. SEE NOTE 3.
123	OFFICE/WORKROOM	LVP	4" RUBBER	PAINTED DRYWALL	ACOUSTICAL TILE	10'-0"	
124	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
125	MDF	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
126	RESOURCE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
127 A	MUSIC	CARPET TILE / LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	VARIES	
127 B	STORAGE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
128 A	ART	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
128 B	STORAGE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
128 C	KILN	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
129	GIRLS	CERAMIC TILE	CERAMIC TILE	CER TILE/PAINTED CMU	PAINTED 5/8" GYPBD	10'-0"	DEPRESS SLAB 2"
130	ACCESS/CUSTODIAN	EPOXY	5" EPOXY	PAINTED CMU	ACOUSTICAL TILE	VARIES	
131	BOYS	CERAMIC TILE	CERAMIC TILE	CER TILE/PAINTED CMU	PAINTED 5/8" GYPBD	10'-0"	DEPRESS SLAB 2"
132	MULTIPURPOSE	SPORTS FLOORING	4" RUBBER	PAINTED CMU	ACOUST SPRAY / PAINT	VARIES	
133	OFFICE	LVP	4" RUBBER	PAINTED DRYWALL	ACOUSTICAL TILE	10'-0"	
134	PLATFORM	LVP	4" RUBBER	PAINTED CMU	ACOUST SPRAY / PNT STRUCTURE	VARIES	
135	STORAGE	LVP	4" RUBBER	PAINTED DRYWALL	ACOUSTICAL TILE	10'-0"	
136	CAFETERIA	LVP	4" RUBBER	PAINTED CMU	ACT / PNT DRYWALL	16'-0"	
137	KITCHEN	EPOXY	5" EPOXY	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
138	DRY STORAGE	EPOXY	5" EPOXY	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
139	CHEMICAL ROOM	EPOXY	5" EPOXY	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
140	MANAGERS OFFICE	EPOXY	5" EPOXY	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
141	DISHWASHING	EPOXY	5" EPOXY	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
142	STAFF LOCKERS	EPOXY	5" EPOXY	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
143	STAFF TOILET	EPOXY	5" EPOXY	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
144	CHAIR/TABLE STORAGE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
145	GENERAL STORAGE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
146	BOILER	SEALED CONC.	NONE	EXPOSED CMU	EXPOSED STRUCTURE	VARIES	
147	ELECTRICAL	SEALED CONC.	NONE	EXPOSED CMU	EXPOSED STRUCTURE	VARIES	
148	STORAGE	LVP	4" RUBBER	PAINTED DRYWALL	EXPOSED STRUCTURE	VARIES	

FINISH SCHEDULE - 200 BUILDING

MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
200	COLLABORATIVE	TERRAZZO	4" RUBBER	PAINTED CMU	PNT GYPBD/ACT/FELT BAFFLE SYS	VARIES	FELT BAFFLE SYSTEM AS SPECIFIED. SEE NOTE 3. DEPRESS SLAB 3/8".
201	CORRIDOR	TERRAZZO	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 3/8" FOR TERRAZZO
201 A	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
201 B	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
202	CORRIDOR	TERRAZZO	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 3/8" FOR TERRAZZO
203	RESOURCE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
204	STAFF PLANNING	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
205	RESOURCE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
206 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
206 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
206 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
206 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
206 E	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
207 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
207 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
207 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
207 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
207 E	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
208 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
208 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
208 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
208 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
209 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
209 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
209 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
209 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
210 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
210 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
210 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
210 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
210 E	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
211 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
211 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
211 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
211 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
211 E	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
212 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
212 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
212 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
212 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"

FINISH SCHEDULE - 200 BUILDING (CONTINUED)

MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
213 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
213 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
213 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
213 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
214 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
214 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
214 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
214 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
214 E	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
215 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
215 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
215 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
215 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
216	ACCESS	SEALED CONC.	4" RUBBER	PAINTED CMU	EXPOSED STRUCTURE	VARIES	
217	STAFF TOILET	CERAMIC TILE	CERAMIC TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
218	STAFF TOILET	CERAMIC TILE	CERAMIC TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
219	RESOURCE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
220	STORAGE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
221	CUSTODIAN	EPOXY	5" EPOXY	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
222	RESOURCE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
223	STAFF TOILET	CERAMIC TILE	CERAMIC TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
224	STAFF TOILET	CERAMIC TILE	CERAMIC TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
225 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
225 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
225 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
225 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
225 E	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
226 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
226 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
226 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
226 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
226 E	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
227 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
227 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
227 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
227 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
228 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
228 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
228 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
228 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
229 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
229 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
229 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
229 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
229 E	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
230 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
230 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
230 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
230 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
230 E	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
231 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
231 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
231 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
231 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
232 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
232 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
232 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
232 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
233 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
233 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
233 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
233 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
233 E	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
234 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
234 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
234 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
234 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
234 E	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
235 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
235 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
235 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
235 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
236 A	FIRST GRADE CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
236 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
236 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
236 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"

NOTES	
1	OVERHEAD PLATFORM AND ACCESS AREAS: PAINT STEEL STAIRS AND RAILS AS SPECIFIED AND PROVIDE (2) COATS GRAY TINT GLOSS POLYURETHANE FLOOR SEALER AS SPECIFIED FOLLOWING FINAL CLEAN AND APPROVAL OF ARCHITECT
2	GYPBOARD CEILINGS AND BULKHEADS: PAINT FLAT WHITE LATEX, NO TEXTURE, USE STRAIGHT CORNER BEADS, NO BULLNOSE.
3	PAINT GYPBOARD BULKHEADS AND STRUCTURE ABOVE FELT BAFFLE SYSTEMS BLACK

No. | Date | Revision

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JAMES GRAY HITE REGISTERED ARCHITECT 3754 STATE OF NORTH CAROLINA GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 707

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FINISH SCHEDULE - 300 BUILDING

MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
300	CORRIDOR	TERRAZZO	4" RUBBER	PAINTED CMU	ACT / PNT DRYWALL	10'-0"	DEPRESS SLAB 3/8" FOR TERRAZZO
301 A	PRE-K CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
301 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
301 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
301 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
301 E	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
302 A	FIRST GRADE/FLEX CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
302 B	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
303 A	PRE-K CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
303 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
303 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
303 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
303 E	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
304 A	EXCEPTIONAL CHILDREN	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
304 B	STORAGE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
304 C	LIFE SKILLS	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
304 D	TOILET / SHOWER	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT CMU	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
304 E	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT CMU	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
305 A	PRE-K CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
305 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
305 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
305 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
305 E	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
306 A	EXCEPTIONAL CHILDREN	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
306 B	STORAGE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
307 A	PRE-K CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
307 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
307 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
307 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
307 E	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
308	SPEECH	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
309	IEP	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
310	SENSORY	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
311	PT/OT	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
312 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
312 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
312 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
312 D	WET AREA	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 2"
312 E	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
312 F	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE / PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
313 A	PRE-K CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
313 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
313 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
313 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
313 E	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
314 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
314 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
314 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
315 A	KINDERGARTEN CLASSROOM	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
315 B	CUBBIES	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	10'-0"	
315 C	STORAGE	LVP	4" RUBBER	PNT CMU / PNT DRYWALL	ACOUSTICAL TILE	9'-0"	
315 D	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
315 E	TOILET	CERAMIC TILE	CERAMIC TILE	CER TILE/PNT CMU/PNT M.R. GYP	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"

FINISH SCHEDULE - 400 BUILDING

MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
400	COLLABORATIVE	TERRAZZO	4" RUBBER	PAINTED CMU	PNT GYPBD/ACT/FELT BAFFLE SYS	VARIES	FELT BAFFLE SYSTEM AS SPECIFIED. SEE NOTE 3. DEPRESS SLAB 3/8".
401	CORRIDOR	TERRAZZO	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 3/8" FOR TERRAZZO
402	CORRIDOR	TERRAZZO	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	DEPRESS SLAB 3/8" FOR TERRAZZO
403	RESOURCE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
404	STAFF PLANNING	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
405	RESOURCE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
406	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
407	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
408	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
409	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
410	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
411	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
412	BOYS	CERAMIC TILE	CERAMIC TILE	CER TILE/PAINTED CMU	PAINTED 5/8" GYPBD	10'-0"	DEPRESS SLAB 2"
413	GIRLS	CERAMIC TILE	CERAMIC TILE	CER TILE/PAINTED CMU	PAINTED 5/8" GYPBD	10'-0"	DEPRESS SLAB 2"
414	STAFF TOILET	CERAMIC TILE	CERAMIC TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
415	STAFF TOILET	CERAMIC TILE	CERAMIC TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
416	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
417	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
418	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
419	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
420	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
421	THIRD GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
422	RESOURCE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
423	ACCESS	SEALED CONC.	4" RUBBER	PAINTED CMU	EXPOSED STRUCTURE	VARIES	
424	STORAGE	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
425	STAFF TOILET	CERAMIC TILE	CERAMIC TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
426	CUSTODIAN	EPOXY	5" EPOXY	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
427	STAFF TOILET	CERAMIC TILE	CERAMIC TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
428	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
429	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
430	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
431	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
432	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
433	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
434	BOYS	CERAMIC TILE	CERAMIC TILE	CER TILE/PAINTED CMU	PAINTED 5/8" GYPBD	10'-0"	DEPRESS SLAB 2"
435	GIRLS	CERAMIC TILE	CERAMIC TILE	CER TILE/PAINTED CMU	PAINTED 5/8" GYPBD	10'-0"	DEPRESS SLAB 2"
436	STAFF TOILET	CERAMIC TILE	CERAMIC TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
437	STAFF TOILET	CERAMIC TILE	CERAMIC TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	DEPRESS SLAB 2"
438	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
439	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
440	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
441	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
442	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
443	SECOND GRADE CLASSROOM	LVP	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	

FINISH SCHEDULE - 500 CONNECTORS

MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
501	CONNECTOR	TERRAZZO	4" RUBBER	PAINTED CMU	ACT / PNT DRYWALL	VARIES	DEPRESS SLAB 3/8" FOR TERRAZZO
502	CONNECTOR	TERRAZZO	4" RUBBER	PAINTED CMU	ACT / PNT DRYWALL	VARIES	DEPRESS SLAB 3/8" FOR TERRAZZO

FINISH SCHEDULE - 600 EXISTING GYM

MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
600	GYMNASIUM	ETR	ETR	ETR	ETR	ETR	
601	OFFICE	ETR	ETR	ETR	ETR	ETR	
602	OFFICE	ETR	ETR	ETR	ETR	ETR	
603	BOYS	ETR	ETR	ETR	ETR	ETR	
604	CUSTODIAN	ETR	ETR	ETR	ETR	ETR	
605	TOILET	ETR	ETR	ETR	ETR	ETR	
606	GIRLS	ETR	ETR	ETR	ETR	ETR	
607	CHAIR STORAGE	ETR	4" RUBBER	PAINTED GYPBOARD	ACOUSTICAL TILE	MATCH EXIST.	
608	STORAGE	ETR	4" RUBBER	PAINTED GYPBOARD	ACOUSTICAL TILE	MATCH EXIST.	
609	CORRIDOR	SEALED CONC.	4" RUBBER	PAINTED GYPBOARD	ACOUSTICAL TILE	MATCH EXIST.	
610	STORAGE	ETR	4" RUBBER	PAINTED GYPBOARD	ACOUSTICAL TILE	MATCH EXIST.	

NOTES
1 OVERHEAD PLATFORM AND ACCESS AREAS: PAINT STEEL STAIRS AND RAILS AS SPECIFIED AND PROVIDE (2) COATS GRAY TINT GLOSS POLYURETHANE FLOOR SEALER AS SPECIFIED FOLLOWING FINAL CLEAN AND APPROVAL OF ARCHITECT
2 GYPBOARD CEILINGS AND BULKHEADS: PAINT FLAT WHITE LATEX, NO TEXTURE, USE STRAIGHT CORNER BEADS, NO BULLNOSE.
3 PAINT GYPBOARD BULKHEADS AND STRUCTURE ABOVE FELT BAFFLE SYSTEMS BLACK

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

HITE ASSOCIATES, P.C. REGISTERED ARCHITECTURAL CORPORATION CERTIFICATE NUMBER C-418 GREENVILLE, N.C.

JAMES GRAY HITE REGISTERED ARCHITECT 3753 GREENVILLE, N.C.

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 708

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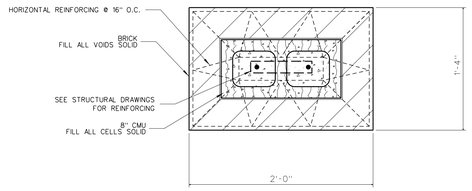
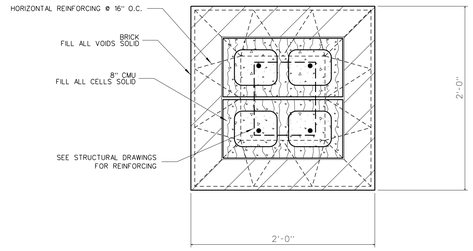


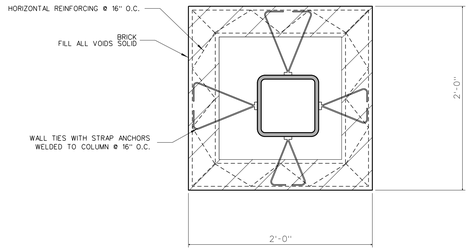
NOTE: SEE STRUCTURAL DRAWINGS FOR OTHER REQUIREMENTS

706.15 BRICK COLUMN DETAIL



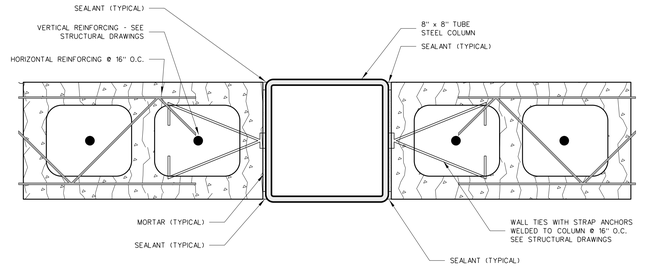
NOTE: SEE STRUCTURAL DRAWINGS FOR OTHER REQUIREMENTS

706.14 BRICK COLUMN DETAIL



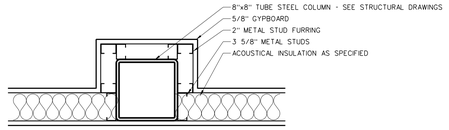
NOTE: SEE STRUCTURAL DRAWINGS FOR OTHER REQUIREMENTS

706.13 BRICK COLUMN DETAIL

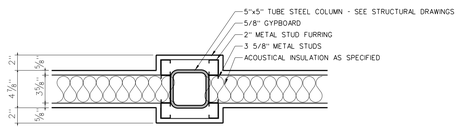


Note: Provide Fire-Rated sealant at rated partitions.

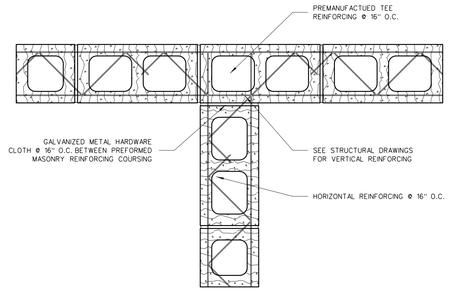
706.12 TYPICAL CMU / COLUMN DETAIL
SCALE: 3" = 1'-0"



709.11 COLUMN DETAIL

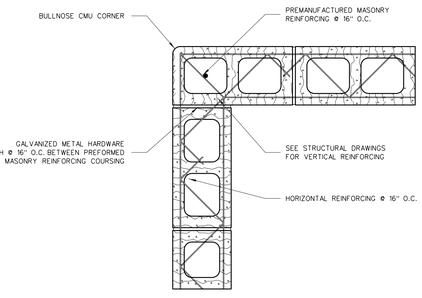


709.10 COLUMN DETAIL



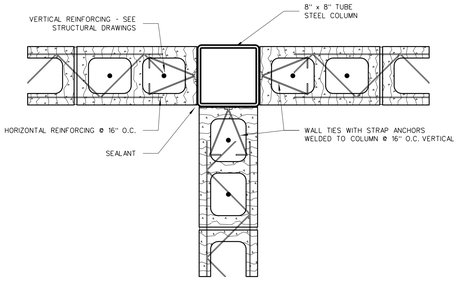
SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

709.9 COLUMN DETAIL



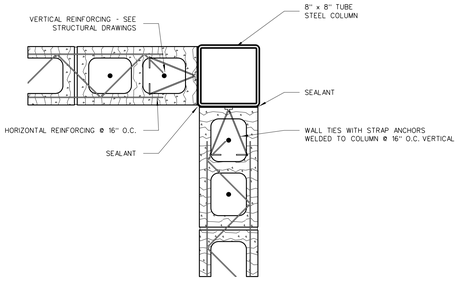
SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

709.8 CMU WALL INTERSECTION



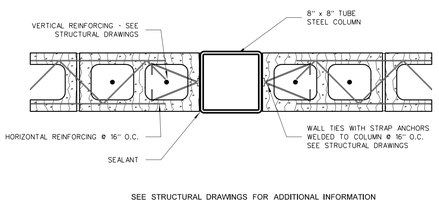
SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

709.7 COLUMN DETAIL



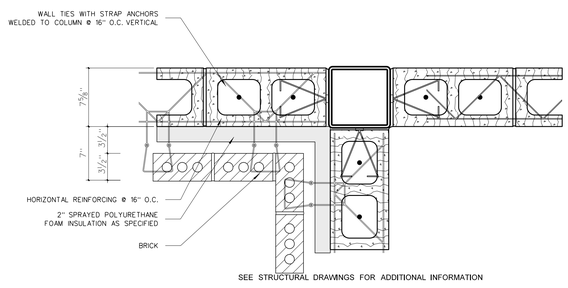
SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

709.6 COLUMN DETAIL



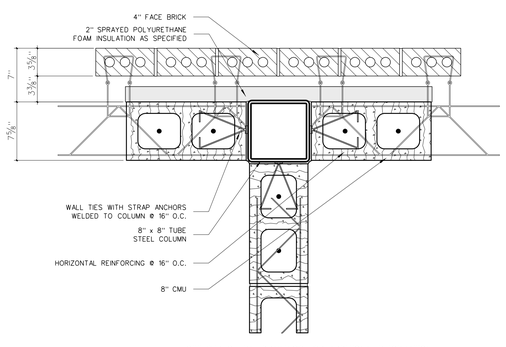
SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

709.5 COLUMN DETAIL



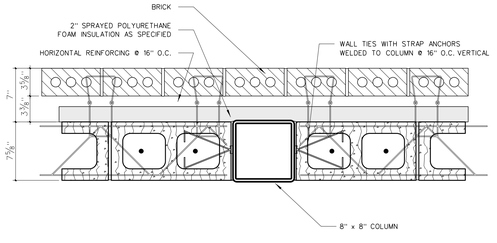
SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

709.4 COLUMN DETAIL



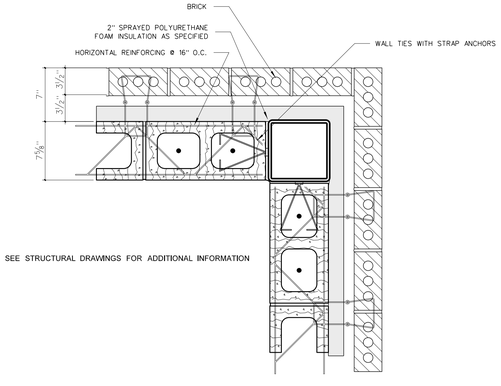
SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

709.3 COLUMN DETAIL



SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

709.2 COLUMN DETAIL



SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION

709.1 COLUMN DETAIL

709 COLUMN DETAILS
SCALE: 1 1/2" = 1'-0"

Hite associates
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No.	Date	Revision

HITE ASSOCIATES, P.C. — CERTIFICATE OF INCORPORATION NUMBER C-0918 — 4/18/1978 — GREENVILLE

JAMES GRAY HITE — REGISTERED ARCHITECT 3754 — NORTH CAROLINA — GREENVILLE

Beaufort PK-3 School
BEAUFORT COUNTY SCHOOLS
Washington / North Carolina / 27889

Project No. 22344
Date: 1 July 2024
Drawing no. A 709