

Additions and Renovations to
West Carteret High School

Carteret County Schools
NCDSP Unit 160 - School 344

4700 Country Club Road / Morehead City / North Carolina

Hite associates
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Set One of Two: CIVIL - ARCHITECTURAL - FOOD SERVICE - STRUCTURAL

ABBREVIATIONS

AFF	ABOVE FINISH FLOOR	INV	INVERT
L	ANGLE	JT	JOINT
AB	ANCHOR BOLT	LAV	LAVATORY
Ø	AT	MAS	MASONRY
B/B	BACK TO BACK (CURB)	MAX	MAXIMUM
BRG	BEARING	MB	MARKER BOARD
DB	BOARD	MT	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
CWU	CONCRETE MASONRY UNIT	OPP	OPPOSITE
CS	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	RENF	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	EQUAL	SCHED	SCHEDULED
ETR	EXISTING TO REMAIN	SH	SHELF
EXIST	EXISTING	SHG	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	URNAL
FSR	FLEXIBLE SHEET ROOFING	VB	VAPOR BARRIER
GC	GYPSUM WALLBOARD	VERT	VERTICAL
GC	GENERAL CONTRACTOR	VCT	VINYL COMPOSITION TILE
HM	HOLLOW METAL	WC	WATER CLOSET
HDR	HORIZONTAL	WWF	WELDED WIRE FABRIC
INSUL	INSULATION	W7	WITH

DRAWING INDEX

Set One of Two:
CIVIL - ARCHITECTURAL - FOOD SERVICE - STRUCTURAL

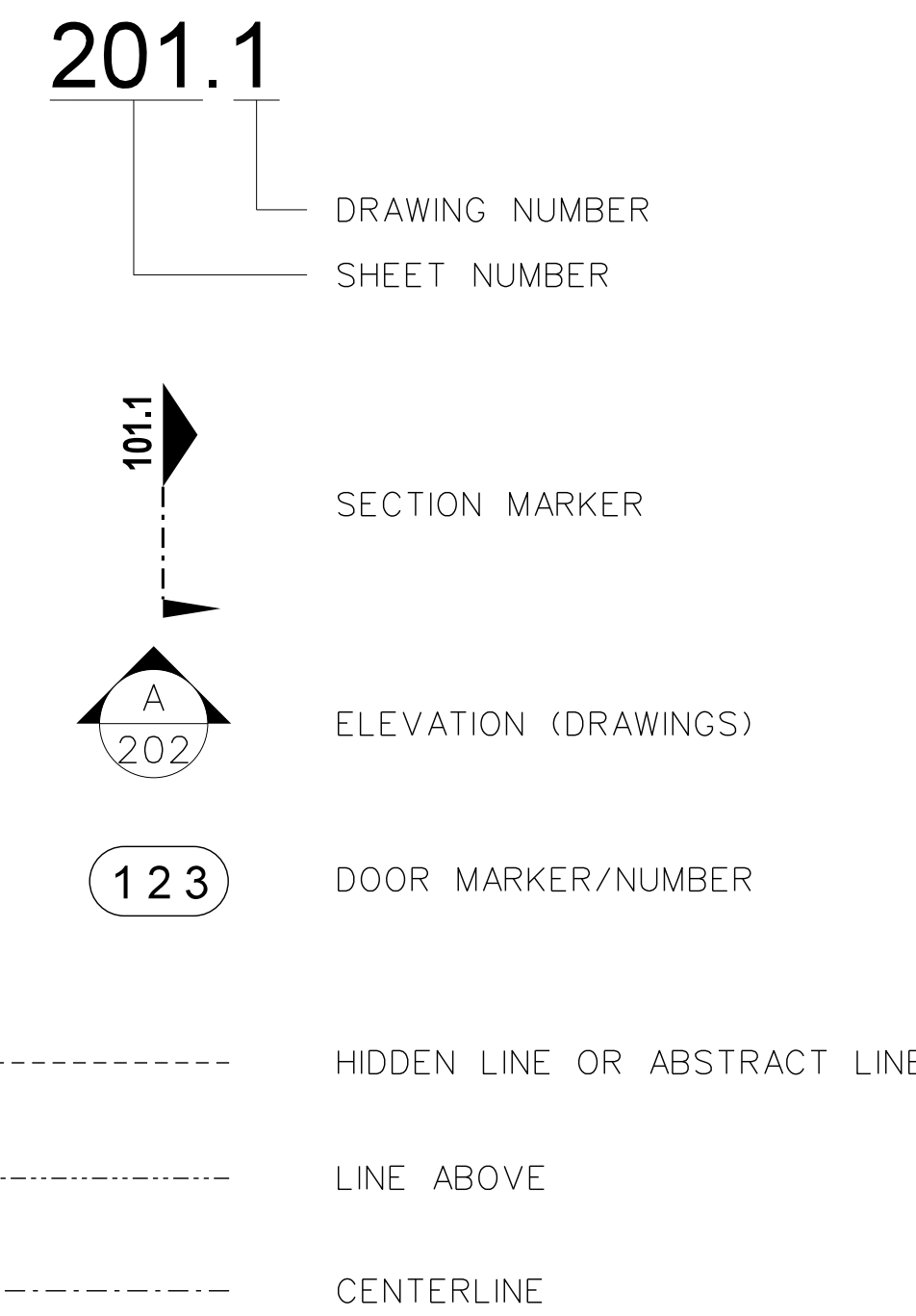
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A-804	INTERIOR ELEVATIONS		
A-805	ENLARGED TOILET PLANS & ELEVATIONS		
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Set Two of Two:
PLUMBING - HVAC - ELECTRICAL - TECHNOLOGY

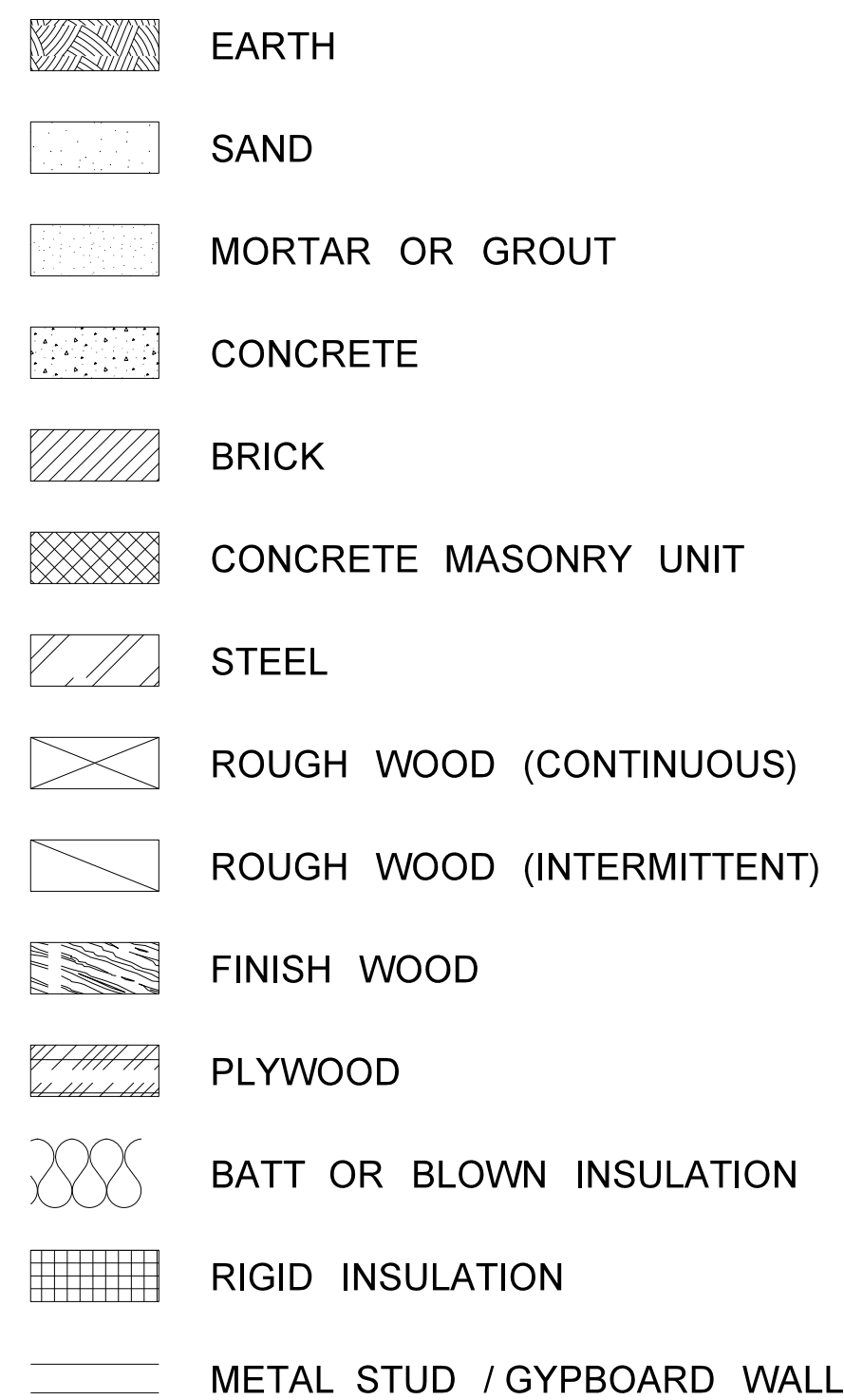
FP001	RATED WATER PENETRATION DETAILS	M001	MECHANICAL NOTES & DETAILS
FS001	NEW SCIENCE CLASSROOM FIRE SUPPRESSION PLAN	M002	FAN COIL EQUIPMENT SCHEDULE
FS002	NEW SCIENCE & GYM PLATFORM FIRE SUPPRESSION PLANS	M003	HOT WATER PIPING FLOW DIAGRAM
FS811	NEW GYM FIRE SUPPRESSION PLAN	M004	CHILLED WATER FLOW DIAGRAM
P001	PLUMBING DETAILS & SCHEDULES	M005	MECHANICAL DETAILS
P101	100 WING - CAFETERIA WASTE PIPING	M006	MECHANICAL DETAILS
P102	100 WING - CAFETERIA WATER PIPING	M007	EQUIPMENT SCHEDULES
P111	100 WING - VOCATIONAL WASTE PIPING	M010	100 WING - CAFETERIA DEMO PLAN
P112	100 WING - VOCATIONAL WATER PIPING	M011	100 WING - VOCATIONAL DEMO PLAN
P201	200 WING - LOCKER ROOM WASTE PIPING	M020	200 WING - LOCKER ROOM DEMO PLAN
P202	200 WING - LOCKER ROOM WATER PIPING	M030	300 WING - FIRST & SECOND FLOOR DEMO PLAN
P203	200 WING - LOCKER ROOM RISER DIAGRAM	M031	300 WING - MEDIA CENTER DEMO PLAN
P301	300 WING - LAB RENOVATION PLUMBING PLAN	M040	400 WING - FIRST & SECOND FLOOR DEMO PLAN
P401	400 WING - FOOD LAB WASTE PIPING	M080	800 WING - FIRST AND SECOND FLOOR DEMO PLAN
P402	400 WING - FOOD LAB WATER PIPING	M101	100 WING - CAFETERIA MECHANICAL PLAN
P501	500 WING - NEW SCIENCE CLASSROOM WASTE PIPING	M102	100 WING - CAFETERIA GAS PIPING PLAN
P502	500 WING - NEW SCIENCE CLASSROOM WATER PIPING	M103	100 WING - KITCHEN HOOD INFORMATION
P503	500 WING - NEW SCIENCE & GYM PLATFORM PLUMBING PLANS	M104	100 WING - KITCHEN HOOD INFORMATION
P504	500 WING - NEW SCIENCE CLASSROOM RISER DIAGRAM	M105	100 WING - KITCHEN HOOD INFORMATION
P811	800 WING - NEW GYM WASTE PIPING	M106	100 WING - KITCHEN HOOD INFORMATION
P812	800 WING - NEW GYM WATER PIPING	M107	100 WING - KITCHEN HOOD INFORMATION
M001	MECHANICAL NOTES & DETAILS	M111	100 WING - VOCATIONAL MECHANICAL PLAN
M002	FAN COIL EQUIPMENT SCHEDULE	M112	100 WING - VOCATIONAL GAS PIPING PLAN
M003	HOT WATER PIPING FLOW DIAGRAM	M201	200 WING - LOCKER ROOM MECHANICAL PLAN
M004	CHILLED WATER FLOW DIAGRAM	M202	200 WING - LOCKER ROOM GAS PIPING PLAN
M005	MECHANICAL DETAILS	M301	300 WING - FIRST & SECOND FLOOR MECHANICAL PLAN
M006	MECHANICAL DETAILS	M302	300 WING - ROOF TOP UNIT GAS PIPING PLAN
M007	EQUIPMENT SCHEDULES	M311	300 WING - MEDIA CENTER MECHANICAL PLAN
M010	100 WING - CAFETERIA DEMO PLAN	M312	300 WING - MEDIA ROOF GAS PIPING PLAN
M011	100 WING - VOCATIONAL DEMO PLAN	M401	400 WING - FIRST & SECOND FLOOR MECHANICAL PLAN
M020	200 WING - LOCKER ROOM DEMO PLAN	M402	400 WING - ROOF TOP & FOOD LAB GAS PIPING
M030	300 WING - FIRST & SECOND FLOOR DEMO PLAN	M403	400 WING - FOOD LAB HOOD INFORMATION
M031	300 WING - MEDIA CENTER DEMO PLAN	M404	400 WING - FOOD LAB HOOD INFORMATION
M040	400 WING - FIRST & SECOND FLOOR DEMO PLAN	M405	400 WING - FOOD LAB HOOD INFORMATION
M080	800 WING - FIRST AND SECOND FLOOR DEMO PLAN	M406	400 WING - FOOD LAB HOOD INFORMATION
M101	100 WING - CAFETERIA MECHANICAL PLAN	M501	500 WING - NEW SCIENCE CLASSROOM MECHANICAL PLAN
M102	100 WING - CAFETERIA GAS PIPING PLAN	M502	500 WING - NEW SCIENCE CLASSROOM GAS PIPING PLAN
M103	100 WING - KITCHEN HOOD INFORMATION	M801	800 WING - FIRST & SECOND FLOOR MECHANICAL PLAN
M104	100 WING - KITCHEN HOOD INFORMATION	M802	800 WING - ROOF GAS PIPING PLAN
M105	100 WING - KITCHEN HOOD INFORMATION	M811	800 WING - NEW GYM MECHANICAL PLAN
M106	100 WING - KITCHEN HOOD INFORMATION	E001	ELECTRICAL DETAILS & NOTES
M107	100 WING - KITCHEN HOOD INFORMATION	E002	ELECTRICAL DETAILS & NOTES
M111	100 WING - VOCATIONAL MECHANICAL PLAN	E003	OVERALL CAMPUS FIRST FLOOR POWER PLAN
M112	100 WING - VOCATIONAL GAS PIPING PLAN	E004	CAMPUS 2ND FLOOR POWER PLAN
M201	200 WING - LOCKER ROOM MECHANICAL PLAN	E005	ELECTRICAL RISER DIAGRAMS
M202	200 WING - LOCKER ROOM GAS PIPING PLAN	E006	PANEL SCHEDULES
M301	300 WING - FIRST & SECOND FLOOR MECHANICAL PLAN	E007	PANEL SCHEDULES
M302	300 WING - ROOF TOP UNIT GAS PIPING PLAN	E008	PANEL SCHEDULES
M311	300 WING - MEDIA CENTER MECHANICAL PLAN	E009	PANEL SCHEDULES
M312	300 WING - MEDIA ROOF GAS PIPING PLAN	E010	PANEL SCHEDULES
M401	400 WING - FIRST & SECOND FLOOR MECHANICAL PLAN	E101	100 WING - CAFETERIA POWER PLAN
M402	400 WING - ROOF TOP & FOOD LAB GAS PIPING	E102	100 WING - CAFETERIA LIGHTING PLAN
M403	400 WING - FOOD LAB HOOD INFORMATION	E111	100 WING - VOCATIONAL POWER PLAN
M404	400 WING - FOOD LAB HOOD INFORMATION	E112	100 WING - VOCATIONAL LIGHTING PLAN
M405	400 WING - FOOD LAB HOOD INFORMATION	E201	200 WING - LOCKER ROOM POWER PLAN
M406	400 WING - FOOD LAB HOOD INFORMATION	E202	200 WING - LOCKER ROOM LIGHTING PLAN
M501	500 WING - NEW SCIENCE CLASSROOM MECHANICAL PLAN	E311	300 WING - POWER & LIGHTING PLANS
M502	500 WING - NEW SCIENCE CLASSROOM GAS PIPING PLAN	E401	400 WING - FOOD LAB POWER PLAN
M801	800 WING - FIRST & SECOND FLOOR MECHANICAL PLAN	E402	400 WING - FOOD LAB LIGHTING PLAN
M802	800 WING - ROOF GAS PIPING PLAN	E501	500 WING - NEW SCIENCE CLASSROOM POWER PLAN
M811	800 WING - NEW GYM MECHANICAL PLAN	E502	500 WING - NEW SCIENCE CLASSROOM LIGHTING PLAN
E001	ELECTRICAL DETAILS & NOTES	E503	500 WING - NEW SCIENCE PLATFORM ELECTRICAL PLANS
E002	ELECTRICAL DETAILS & NOTES	E811	800 WING - NEW GYM POWER PLAN
E003	OVERALL CAMPUS FIRST FLOOR POWER PLAN	E812	800 WING - NEW GYM LIGHTING PLAN
E004	CAMPUS 2ND FLOOR POWER PLAN	E813	800 WING - NEW GYM PLATFORM ELECTRICAL PLANS
E005	ELECTRICAL RISER DIAGRAMS	FA001	FIRE ALARM RISER AND DETAILS
E006	PANEL SCHEDULES	FA101	100 WING - CAFETERIA FIRE ALARM PLAN
E007	PANEL SCHEDULES	FA111	100 WING - VOCATIONAL FIRE ALARM PLAN
E008	PANEL SCHEDULES	FA201	200 WING - LOCKER ROOM FIRE ALARM PLAN
E009	PANEL SCHEDULES	FA301	300 WING - FIRST & SECOND FLOOR FIRE ALARM PLAN
E010	PANEL SCHEDULES	FA311	300 WING - MEDIA CENTER FIRE ALARM PLAN
E101	100 WING - CAFETERIA POWER PLAN	FA401	400 WING - FIRST & SECOND FLOOR FIRE ALARM PLAN
E102	100 WING - CAFETERIA LIGHTING PLAN	FA501	500 WING - NEW SCIENCE CLASSROOM FIRE ALARM PLAN
E111	100 WING - VOCATIONAL POWER PLAN	FA502	500 WING - NEW SCIENCE & GYM PLATFORM FIRE ALARM PLANS
E112	100 WING - VOCATIONAL LIGHTING PLAN	FA801	800 WING - FIRST & SECOND FLOOR FIRE ALARM PLAN
E201	200 WING - LOCKER ROOM POWER PLAN	FA811	800 WING - NEW GYM FIRE ALARM PLAN
E202	200 WING - LOCKER ROOM LIGHTING PLAN	IT001	TECHNOLOGY DETAILS
E311	300 WING - POWER & LIGHTING PLANS	IT101	100 WING - CAFETERIA TECHNOLOGY PLAN
E401	400 WING - FOOD LAB POWER PLAN	IT111	100 WING - VOCATIONAL TECHNOLOGY PLAN
E402	400 WING - FOOD LAB LIGHTING PLAN	IT201	200 WING - LOCKER ROOM TECHNOLOGY PLAN
E501	500 WING - NEW SCIENCE CLASSROOM POWER PLAN	IT401	400 WING - FIRST & SECOND FLOOR TECHNOLOGY PLAN
E502	500 WING - NEW SCIENCE CLASSROOM LIGHTING PLAN	IT501	500 WING - NEW SCIENCE CLASSROOM TECHNOLOGY PLAN
E503	500 WING - NEW SCIENCE PLATFORM ELECTRICAL PLANS	IT502	500 WING - NEW SCIENCE & GYM PLATFORM TECHNOLOGY PLANS
E811	800 WING - NEW GYM POWER PLAN	IT811	800 WING - NEW GYM TECHNOLOGY PLAN
E812	800 WING - NEW GYM LIGHTING PLAN		
E813	800 WING - NEW GYM PLATFORM ELECTRICAL PLANS		
FA001	FIRE ALARM RISER AND DETAILS		
FA101	100 WING - CAFETERIA FIRE ALARM PLAN		
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FA201	200 WING - LOCKER ROOM FIRE ALARM PLAN		
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FA501	500 WING - NEW SCIENCE CLASSROOM FIRE ALARM PLAN		
FA502	500 WING - NEW SCIENCE & GYM PLATFORM FIRE ALARM PLANS		
FA801	800 WING - FIRST & SECOND FLOOR FIRE ALARM PLAN		
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IT401	400 WING - FIRST & SECOND FLOOR TECHNOLOGY PLAN		
IT501	500 WING - NEW SCIENCE CLASSROOM TECHNOLOGY PLAN		
IT502	500 WING - NEW SCIENCE & GYM PLATFORM TECHNOLOGY PLANS		
IT811	800 WING - NEW GYM TECHNOLOGY PLAN		

DRAWING SYMBOLS

DRAWING IDENTIFICATION MARKERS



MATERIAL SYMBOLS



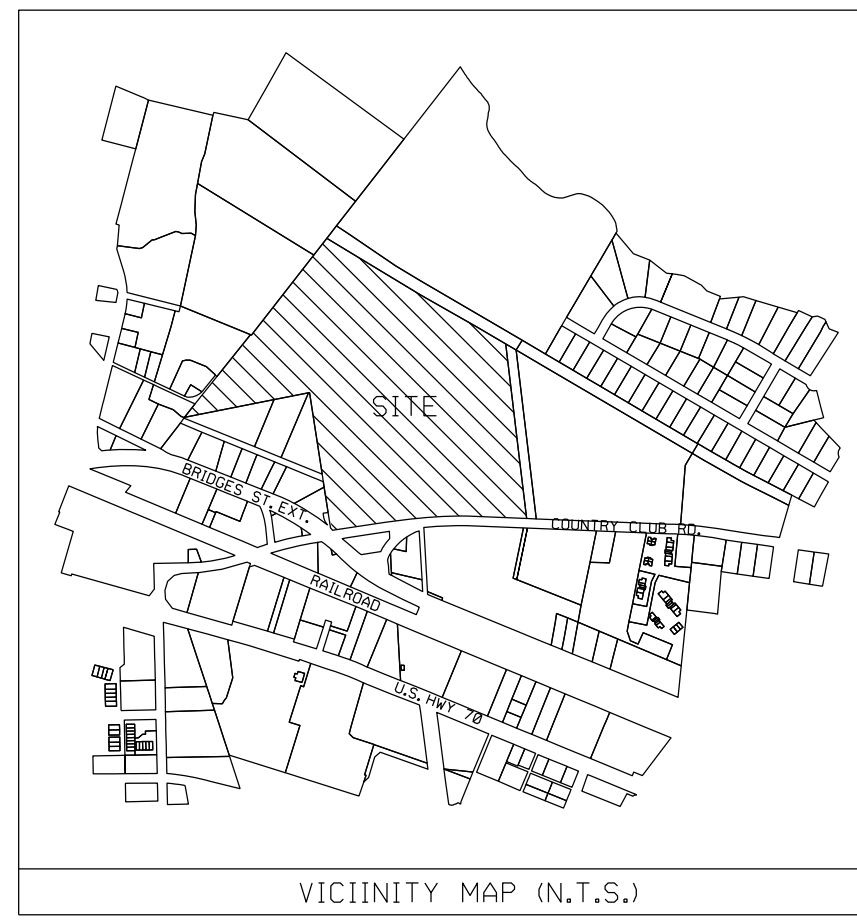
Revision	
No.	Date

Hite associates
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2800 Meridian Drive / Greenville, NC 27834 / Tel: (252) 757-0333



New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No.	22112
Date:	18 August 2022
Drawing no.	T-1



SHEET INDEX

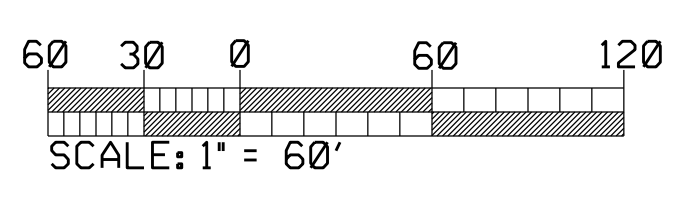
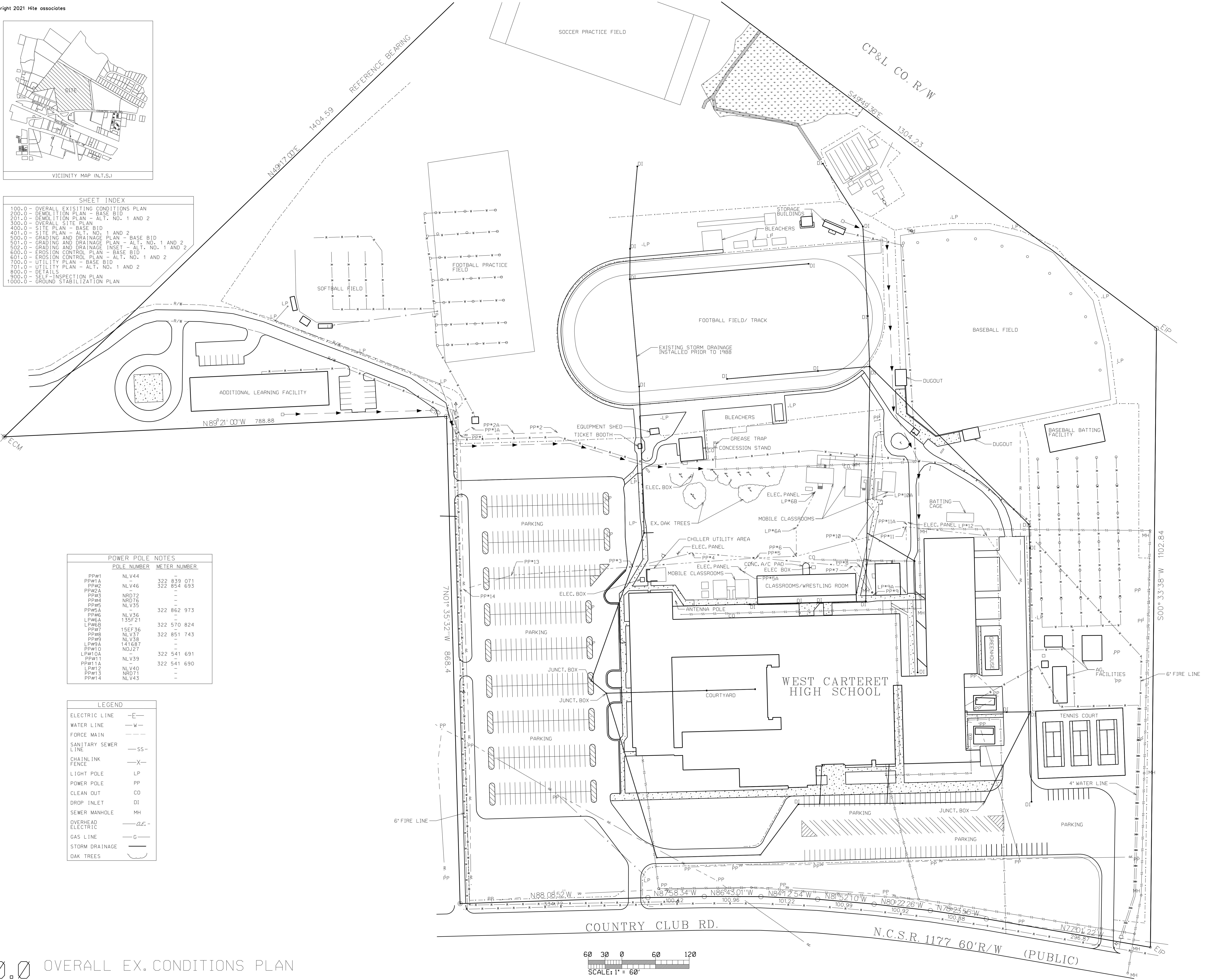
- 100.0 - OVERALL EXISTING CONDITIONS PLAN
- 200.0 - DEMOLITION PLAN - BASE BID
- 201.0 - DEMOLITION PLAN - ALT. NO. 1 AND 2
- 300.0 - OVERALL SITE PLAN
- 400.0 - SITE PLAN - BASE BID
- 401.0 - SITE PLAN - ALT. NO. 1 AND 2
- 500.0 - GRADING AND DRAINAGE PLAN - BASE BID
- 501.0 - GRADING AND DRAINAGE PLAN - ALT. NO. 1 AND 2
- 502.0 - GRADING AND DRAINAGE INSET - ALT. NO. 1 AND 2
- 600.0 - EROSION CONTROL PLAN - BASE BID
- 601.0 - EROSION CONTROL PLAN - ALT. NO. 1 AND 2
- 700.0 - UTILITY PLAN - BASE BID
- 701.0 - UTILITY PLAN - ALT. NO. 1 AND 2
- 800.0 - DETAILS
- 900.0 - SELF-INSPECTION PLAN
- 1000.0 - GROUND STABILIZATION PLAN

POWER POLE NOTES

POLE NUMBER	METER NUMBER
PP#1	NLV44
PP#1A	322 839 071
PP#2	NLV46
PP#2A	322 854 693
PP#3	NRD72
PP#4	NRD76
PP#5	NLV35
PP#5A	322 862 973
PP#6	NLV36
LP#6A	135F21
LP#6B	322 570 824
PP#7	15EF36
PP#8	NLV37
PP#9	NLV38
LP#9A	141687
PP#10	NOJ27
LP#10A	322 541 691
PP#11	NLV39
PP#11A	322 541 690
LP#12	NLV40
PP#13	NRD71
PP#14	NLV43

LEGEND

- ELECTRIC LINE —E—
- WATER LINE —W—
- FORCE MAIN —F—
- SANITARY SEWER LINE —SS—
- CHAINLINK FENCE —X—
- LIGHT POLE LP
- POWER POLE PP
- CLEAN OUT CO
- DROP INLET DI
- SEWER MANHOLE MH
- OVERHEAD ELECTRIC —O.E.—
- GAS LINE —G—
- STORM DRAINAGE —SD—
- DAK TREES (Symbol)

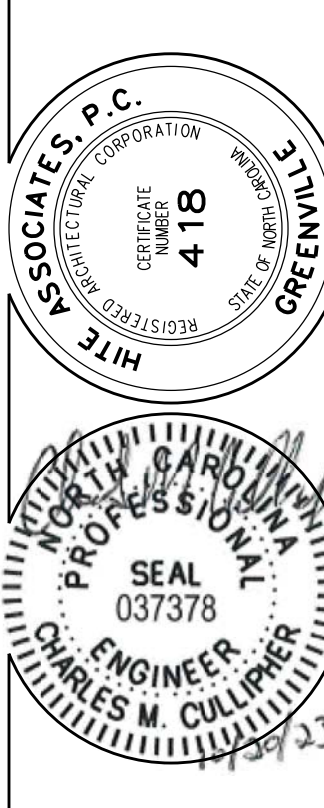


100.0 OVERALL EX. CONDITIONS PLAN

Revision

No.	Date	Description
1	4/18/23	Project Phasing Revisions
2	4/24/23	Fire Road Revisions
3	10/9/23	Add Alt Revisions
4	10/26/23	Revisions per Hite and Associates

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

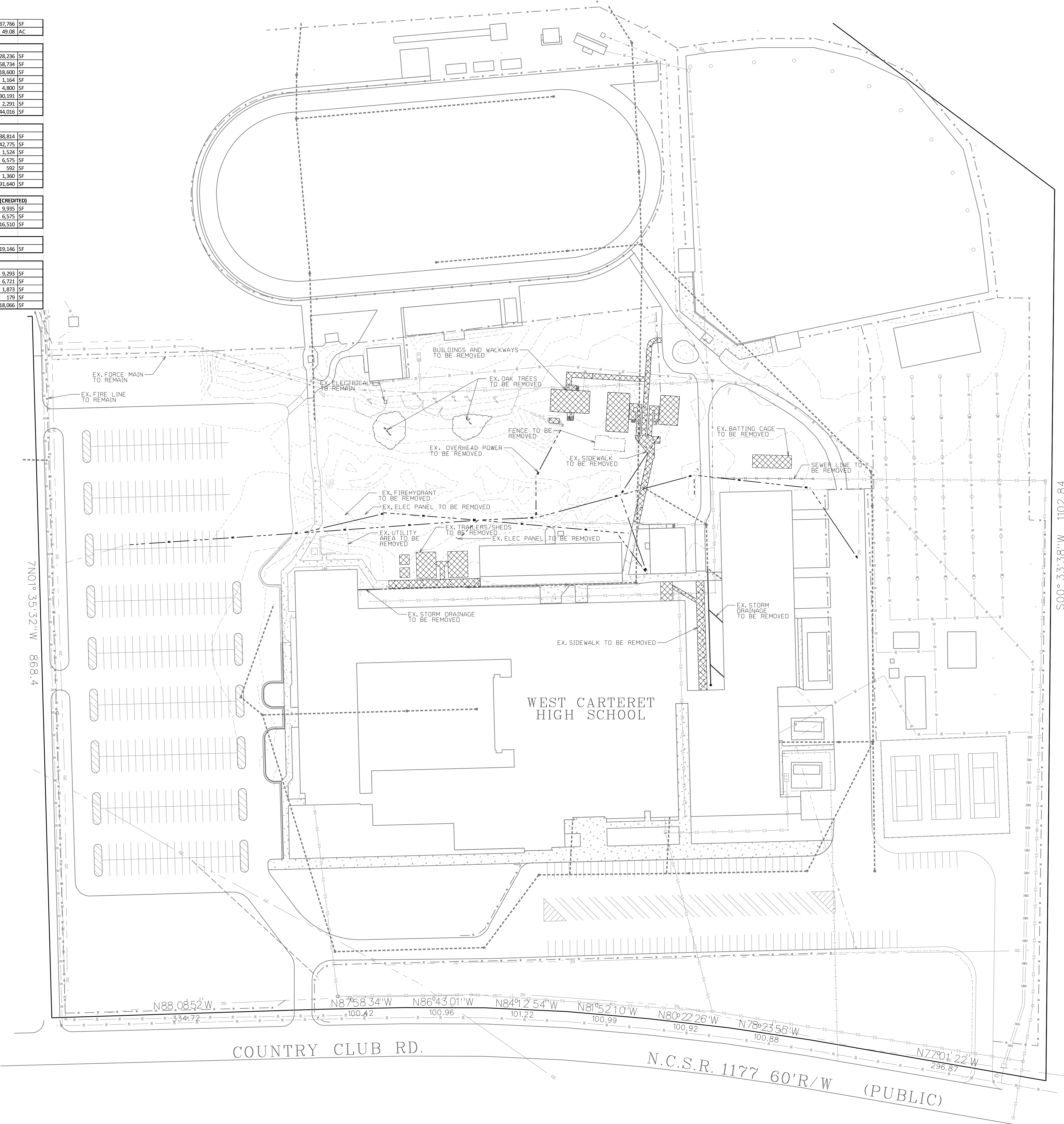


New Additions to
WEST CARTERET HIGH SCHOOL
 4700 Country Club Road, Morehead City, NC 28557
 Carteret County Schools / North Carolina

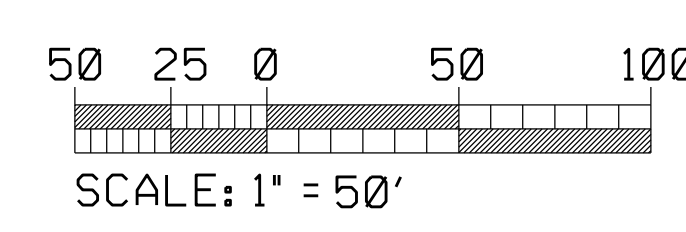
Project No.
 9 June 2022
Drawing No.
 100

TOTAL SITE AREA	2,137,766 SF
	49.08 AC
BUA PRIOR TO 1988	
PAVEMENT/ SIDEWALKS	228,236 SF
BUILDINGS	158,734 SF
TENNIS COURTS	18,600 SF
DUGOUTS	1,164 SF
BLEACHERS	4,800 SF
TRACK	30,191 SF
CONCRETE PADS	2,291 SF
TOTAL	444,016 SF
BUA BUILT AFTER 1988	
PAVEMENT/SIDEWALKS	138,814 SF
BUILDINGS	42,775 SF
WALKWAYS	1,524 SF
BLEACHERS	6,575 SF
DUGOUTS	592 SF
TRACK	1,360 SF
TOTAL	191,640 SF
BUA BUILT BEFORE 1993 THAT HAS SINCE BEEN REMOVED (CREDITED)	
1993 SIDEWALKS/PAVEMENT	9,935 SF
1993 BUILDINGS NOT PRESENT	6,575 SF
TOTAL	16,510 SF
CURRENT EXISTING BUA	
TOTAL	619,146 SF
PHASE I - EXISTING BUA TO BE REMOVED	
PAVEMENT	9,293 SF
SIDEWALK	6,721 SF
BUILDINGS	1,873 SF
WALKWAYS	179 SF
TOTAL	18,066 SF

LEGEND	
ELECTRIC LINE	—E—
WATER LINE	—W—
FORCE MAIN	—FM—
SANITARY SEWER LINE	—SS—
CHAIN LINK FENCE	—X—
LIGHT POLE	LP
POWER POLE	PP
CLEAN OUT	CO
DROP INLET	DI
SEWER MANHOLE	MH
OVERHEAD ELECTRIC	—O.E.—
GAS LINE	—G—
STORM DRAINAGE	—SD—
AREAS TO BE REMOVED	XXXXXX



DEMOLITION NOTES
 ITEMS SHOWN IN BOLD OR CROSS HATCH SHALL BE REMOVED OR RELOCATED PER THIS PLAN.
 CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES BEFORE FURTHER DEMOLITION/CONSTRUCTION.



No.	Date	Revision
1	4/18/23	Project Phasing Revisions
2	4/24/23	Fire Road Revisions
3	10/9/23	Add All Revisions
4	10/26/23	Revisions per Hite and Associates

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

HITE ASSOCIATES, P.C.
 PROFESSIONAL CORPORATION
 LICENSE NO. 418
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF NORTH CAROLINA
CHARLES M. GULLER, P.E.
 SEAL 037378

New Additions to WEST CARTERET HIGH SCHOOL
 4700 Country Club Road, Morehead City, NC 28557
 Carteret County Schools / North Carolina

Project No. _____
 Date: **9 June 2022**
 Drawing no. **200**

BEFORE YOU DIG:
 NC ONE CALL
 (TOLL FREE)

 (OR 1-800-632-4949)
 IT'S THE LAW!

BUA PRIOR TO 1988	
PAVEMENT/ SIDEWALKS	228,236 SF
BUILDINGS	158,734 SF
TENNIS COURTS	18,600 SF
DUGOUTS	1,164 SF
BLEACHERS	4,800 SF
TRACK	30,191 SF
CONCRETE PADS	2,291 SF
TOTAL	444,016 SF

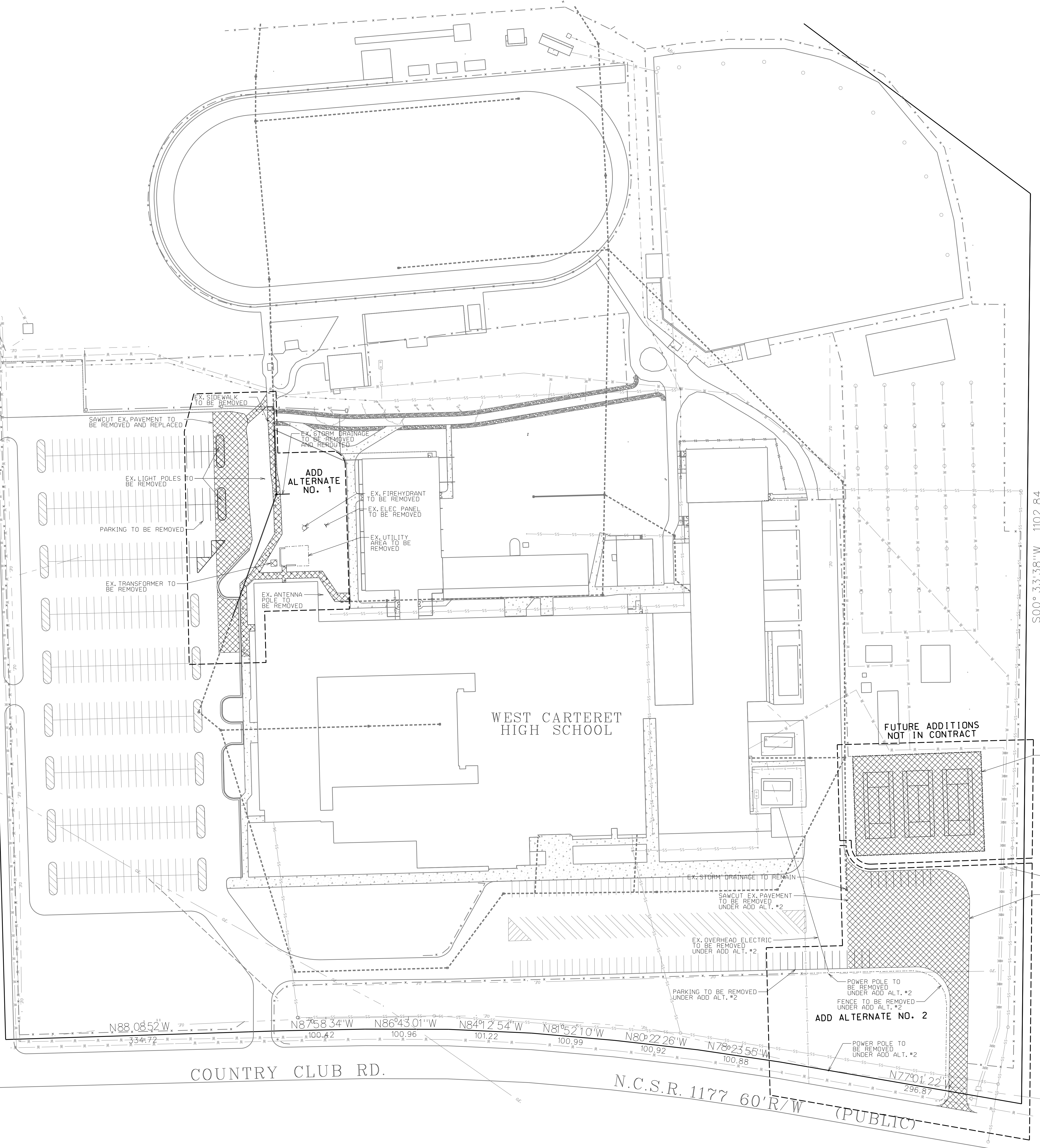
BUA BUILT AFTER 1988	
PAVEMENT/SIDEWALKS	138,814 SF
BUILDINGS	42,775 SF
WALKWAYS	1,524 SF
BLEACHERS	6,575 SF
DUGOUTS	592 SF
TRACK	1,360 SF
TOTAL	191,640 SF

BUA BUILT BEFORE 1993 THAT HAS SINCE BEEN REMOVED (CREDITED)	
1993 SIDEWALKS/PAVEMENT	9,935 SF
1993 BUILDINGS NOT PRESENT	6,575 SF
TOTAL	16,510 SF

CURRENT EXISTING BUA	
TOTAL	619,146 SF

PHASE I - EXISTING BUA TO BE REMOVED	
PAVEMENT	9,293 SF
SIDEWALK	6,721 SF
BUILDINGS	1,873 SF
WALKWAYS	179 SF
TOTAL	18,066 SF

PHASE II - EXISTING BUA TO BE REMOVED	
PAVEMENT	21,041 SF
TENNIS COURTS	18,600 SF
TOTAL	39,641 SF



LEGEND

ELECTRIC LINE	—E—
WATER LINE	—W—
FORCE MAIN	—F—
SANITARY SEWER LINE	—SS—
CHAIN LINK FENCE	—X—
LIGHT POLE	LP
POWER POLE	PP
CLEAN OUT	CO
DROP INLET	DI
SEWER MANHOLE	MH
OVERHEAD ELECTRIC	—O.E.—
GAS LINE	—G—
STORM DRAINAGE	—SD—
AREAS TO BE REMOVED	▨

EX. TENNIS COURTS TO BE REMOVED AND REPLACED AT FUTURE DATE (NOT IN CONTRACT)

EX. PAVEMENT TO BE REMOVED UNDER ADD. ALT. #2

ADD ALTERNATE NOTES
 ALL SITE WORK AND DEMOLITION/REMOVAL SHOWN UNDER ADD ALTERNATE NO.'S 1 AND 2 ARE TO BE COMPLETED AT A FUTURE DATE.
 ALL SITE WORK AND DEMOLITION/REMOVAL SHOWN UNDER "FUTURE ADDITIONS" TO BE COMPLETED UNDER SEPARATE CONTRACT.

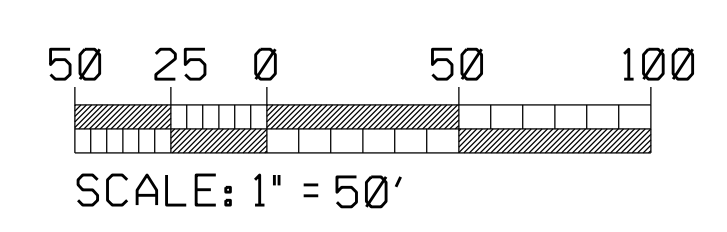
DEMOLITION NOTES
 ITEMS SHOWN IN BOLD OR CROSS HATCH SHALL BE REMOVED OR RELOCATED PER THIS PLAN.
 CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES BEFORE FURTHER DEMOLITION/CONSTRUCTION.

S00° 33' 38" W 1102.84

7N01° 35' 32" W 868.4

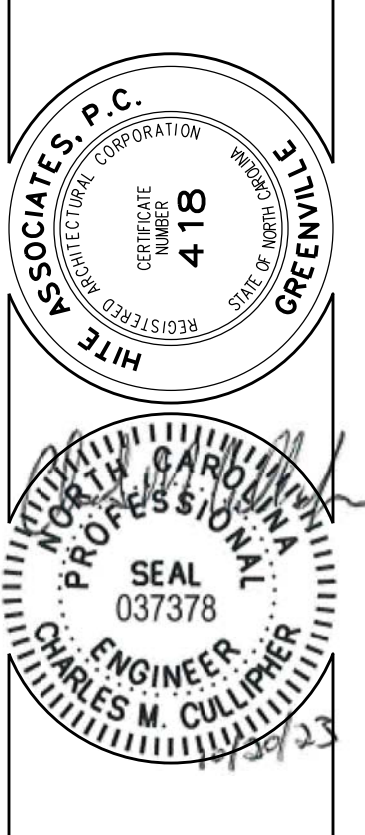
COUNTRY CLUB RD.

N.C.S.R. 1177 60'R7W (PUBLIC)



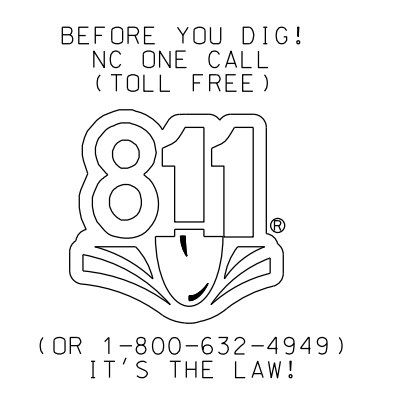
No.	Date	Revision
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3	10/9/23	Add Alt Revisions
4	10/26/23	Revisions per Hite and Associates

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



New Additions to
WEST CARTERET HIGH SCHOOL
 4700 Country Club Road, Morehead City, NC 28557
 Carteret County Schools / North Carolina

Project No.	
Date:	9 June 2022
Drawing No.	C 201





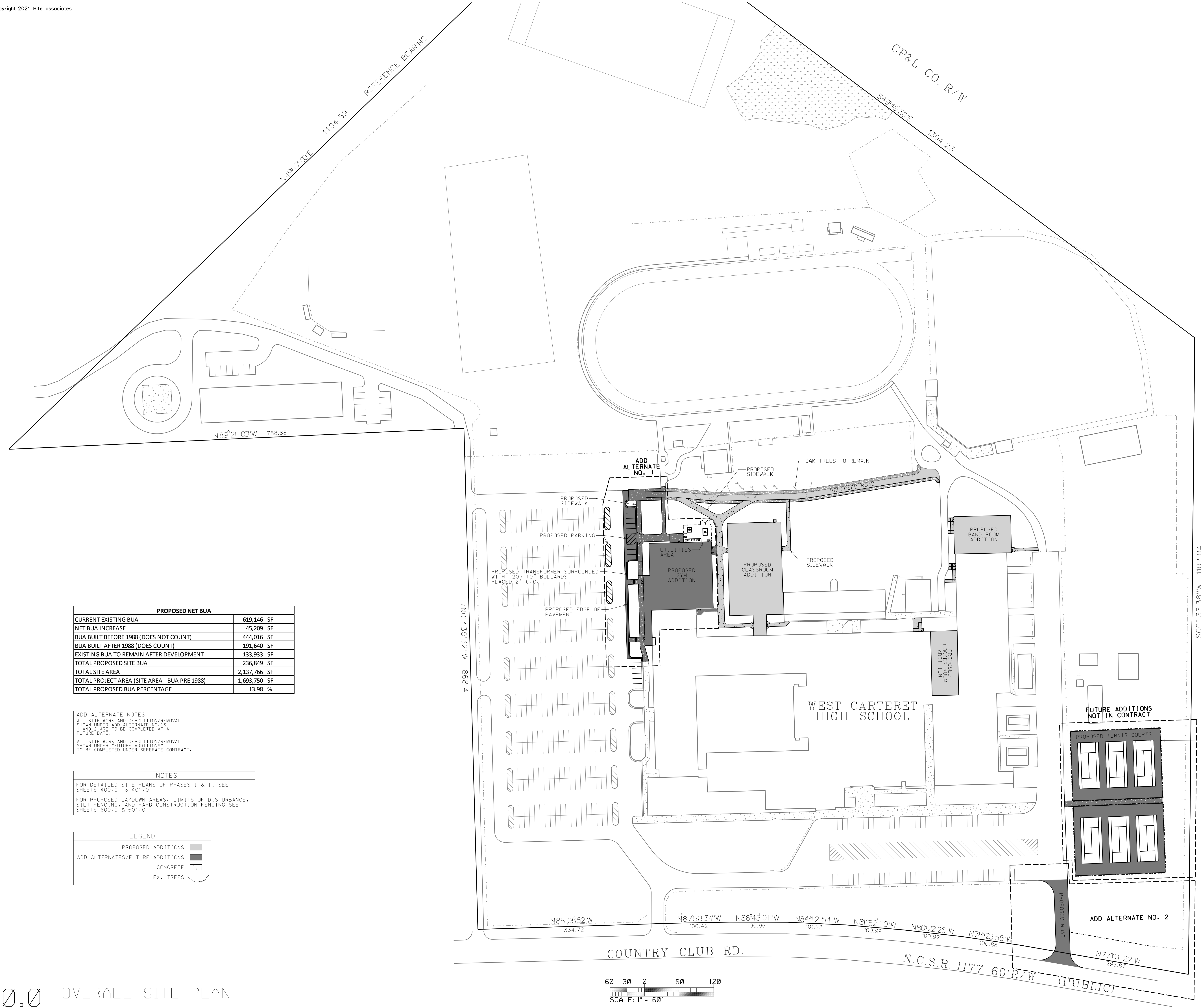
No.	Date	Revision
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New Additions to
WEST CARTERET HIGH SCHOOL
 4700 Country Club Road, Morehead City, NC 28557
 Carteret County Schools / North Carolina

Project No.	
Date:	9 June 2022
Drawing No.	300

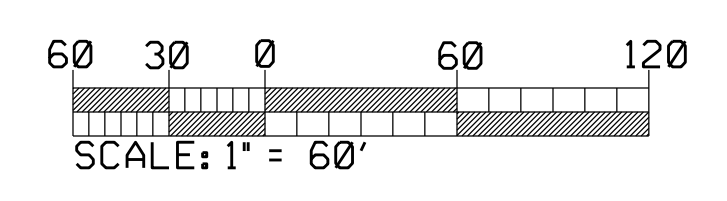


PROPOSED NET BUA	
CURRENT EXISTING BUA	619,146 SF
NET BUA INCREASE	45,209 SF
BUA BUILT BEFORE 1988 (DOES NOT COUNT)	444,016 SF
BUA BUILT AFTER 1988 (DOES COUNT)	191,640 SF
EXISTING BUA TO REMAIN AFTER DEVELOPMENT	133,933 SF
TOTAL PROPOSED SITE BUA	236,849 SF
TOTAL SITE AREA	2,137,766 SF
TOTAL PROJECT AREA (SITE AREA - BUA PRE 1988)	1,693,750 SF
TOTAL PROPOSED BUA PERCENTAGE	13.98 %

ADD ALTERNATE NOTES
 ALL SITE WORK AND DEMOLITION/REMOVAL SHOWN UNDER ADD ALTERNATE NO.'S 1 AND 2 ARE TO BE COMPLETED AT A FUTURE DATE.
 ALL SITE WORK AND DEMOLITION/REMOVAL SHOWN UNDER "FUTURE ADDITIONS" TO BE COMPLETED UNDER SEPERATE CONTRACT.

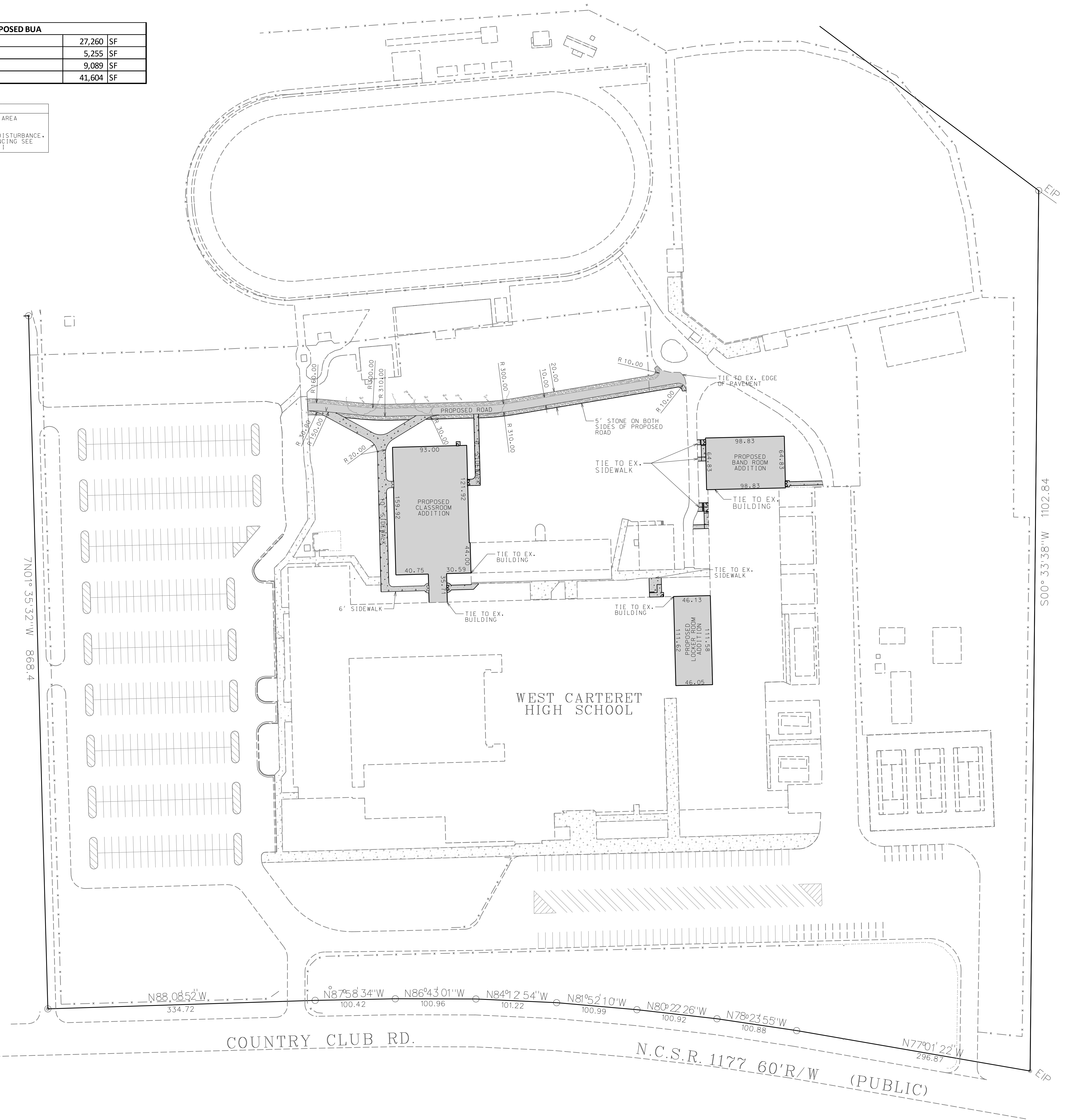
NOTES
 FOR DETAILED SITE PLANS OF PHASES I & II SEE SHEETS 400.0 & 401.0
 FOR PROPOSED LAYDOWN AREAS, LIMITS OF DISTURBANCE, SILT FENCING, AND HARD CONSTRUCTION FENCING SEE SHEETS 600.0 & 601.0

LEGEND	
PROPOSED ADDITIONS	
ADD ALTERNATES/FUTURE ADDITIONS	
CONCRETE	
EX. TREES	



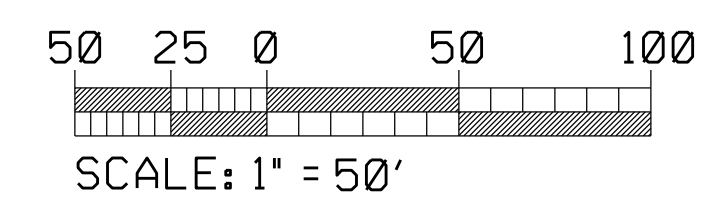
PHASE I - PROPOSED BUA		
BUILDINGS	27,260	SF
SIDEWALKS	5,255	SF
PAVEMENT	9,089	SF
TOTAL	41,604	SF

NOTES
 FOR OVERALL (PHASES I & II) IMPERVIOUS AREA CALCULATIONS SEE SHEET 300.0
 FOR PROPOSED LAYDOWN AREAS, LIMITS OF DISTURBANCE, SILT FENCING, AND HARD CONSTRUCTION FENCING SEE SHEET 600.0 - EROSION CONTROL PLAN PH. I



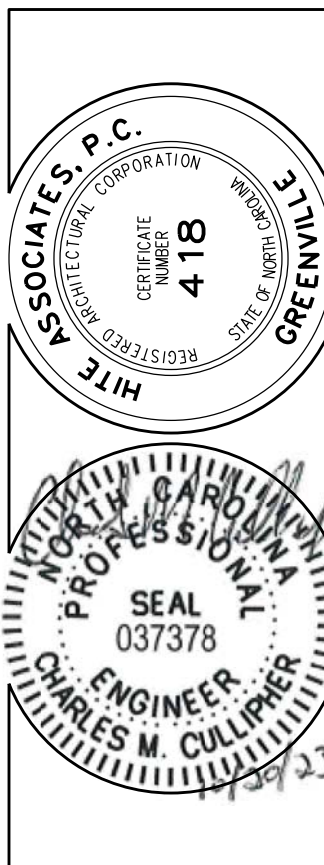
LEGEND

PROPOSED ADDITIONS	
CONCRETE	
EX. TREES	



No.	Date	Revision
1	4/18/23	Project Phasing Revisions
2	4/24/23	Fire Road Revisions
3	10/9/23	Add All Revisions
4	10/26/23	Revisions per Hite and Associates

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



New Additions to
WEST CARTERET HIGH SCHOOL
 4700 Country Club Road, Morehead City, NC 28557
 Carteret County Schools / North Carolina

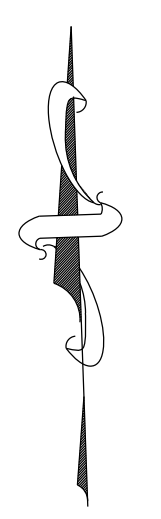
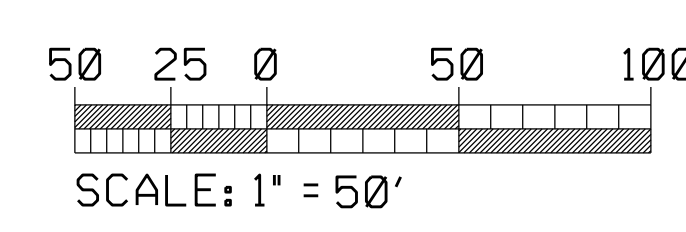
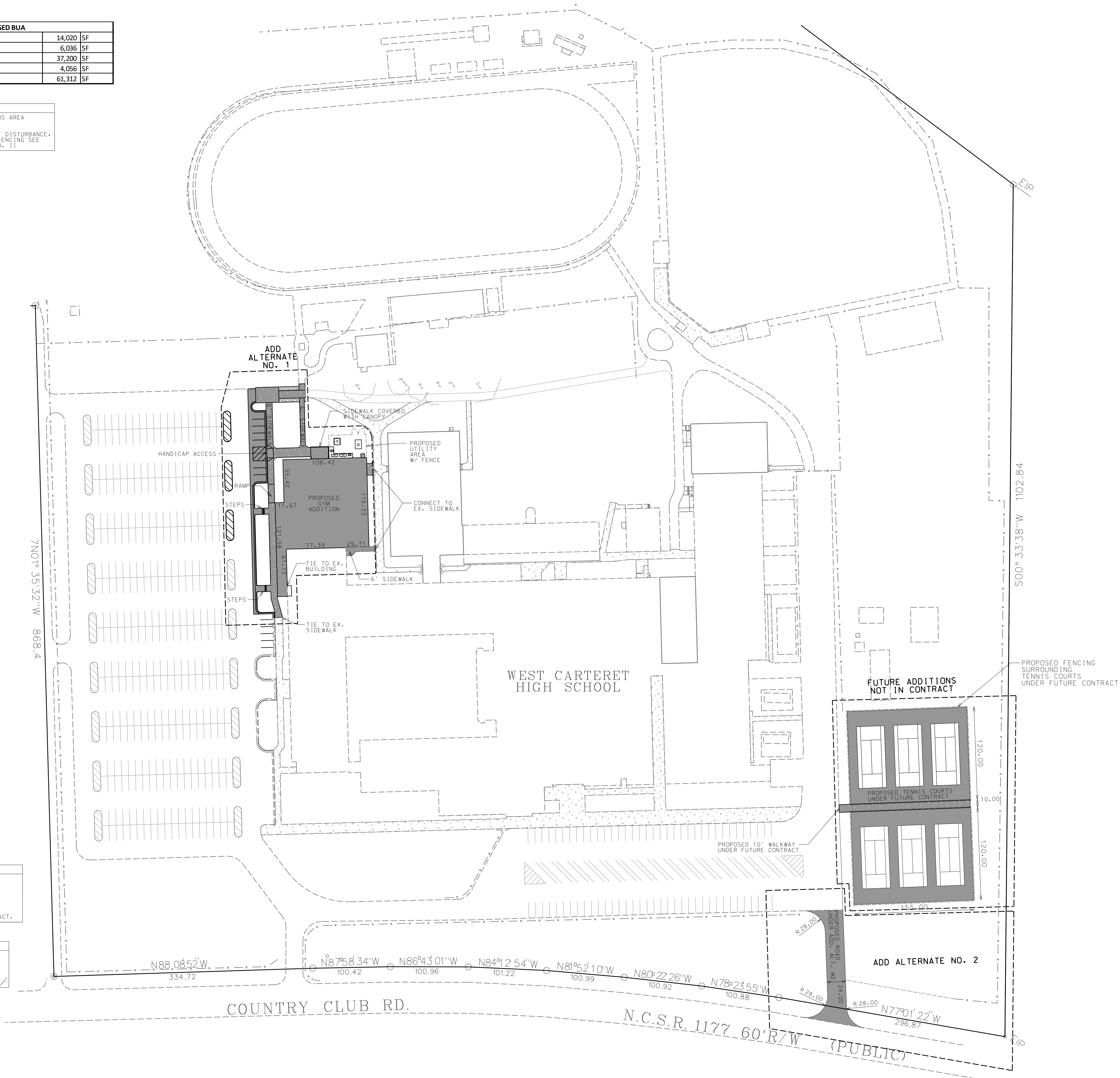
Project No.	
Date:	9 June 2022
Drawing No.	400

PHASE II - PROPOSED BUA		
BUILDINGS	14,020	SF
SIDEWALKS	6,036	SF
TENNIS COURTS	37,200	SF
PAVEMENT	4,056	SF
TOTAL	61,312	SF

NOTES
 FOR OVERALL (PHASES I & II) IMPERVIOUS AREA CALCULATIONS SEE SHEET 300.0
 FOR PROPOSED LAYDOWN AREAS, LIMITS OF DISTURBANCE, SILT FENCING, AND HARD CONSTRUCTION FENCING SEE SHEET 601.0 - EROSION CONTROL PLAN PH. II

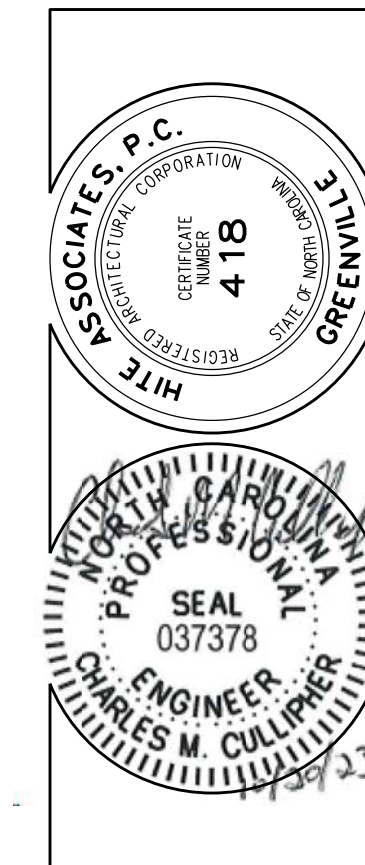
ADD ALTERNATE NOTES
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 ALL SITE WORK AND DEMOLITION/REMOVAL SHOWN UNDER "FUTURE ADDITIONS" TO BE COMPLETED UNDER SEPERATE CONTRACT.

LEGEND	
ADD ALTERNATES/FUTURE ADDITIONS	■
CONCRETE	▨
EX. TREES	○



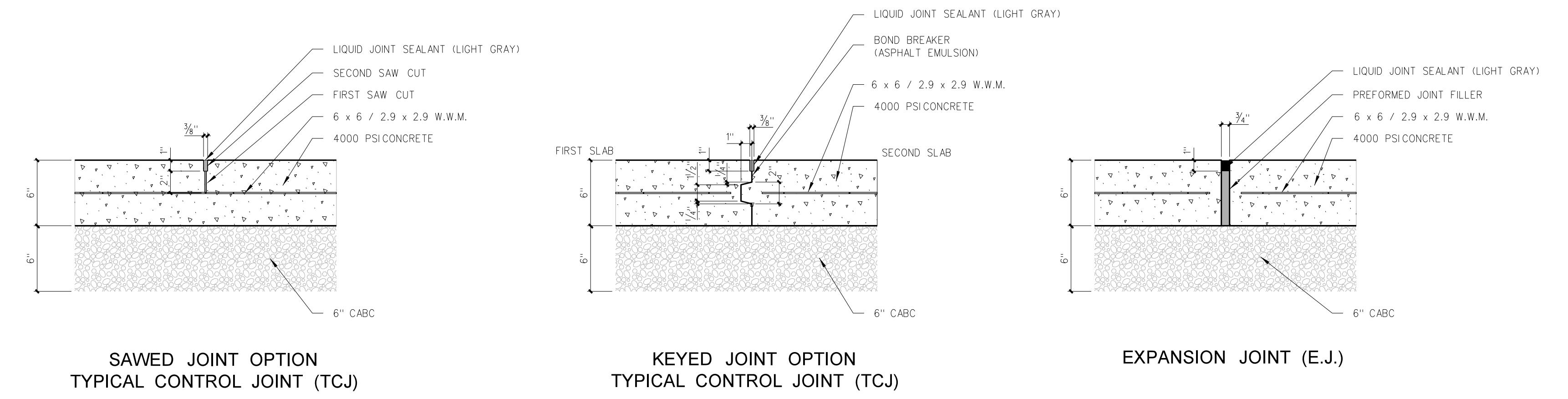
No.	Date	Revision
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3	10/9/23	Add Alt Revisions
4	10/26/23	Revisions per Hite and Associates

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

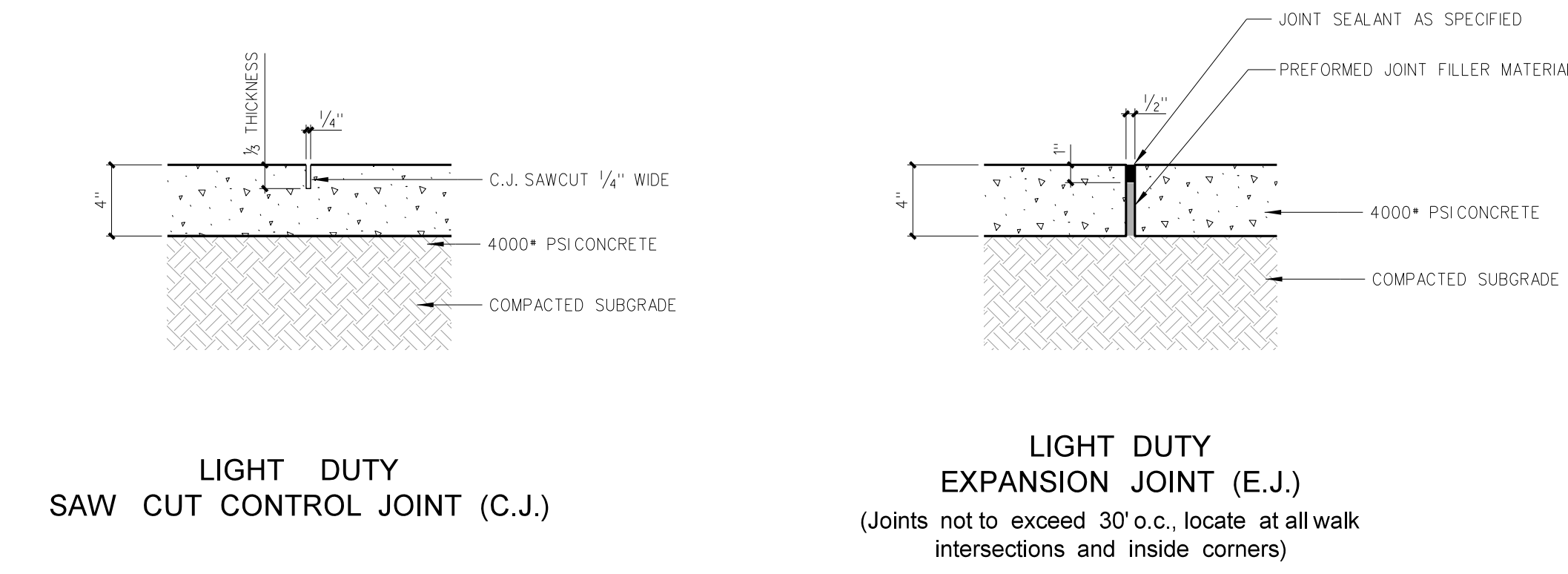


New Additions to
WEST CARTERET HIGH SCHOOL
 4700 Country Club Road, Morehead City, NC 28557
 Carteret County Schools / North Carolina

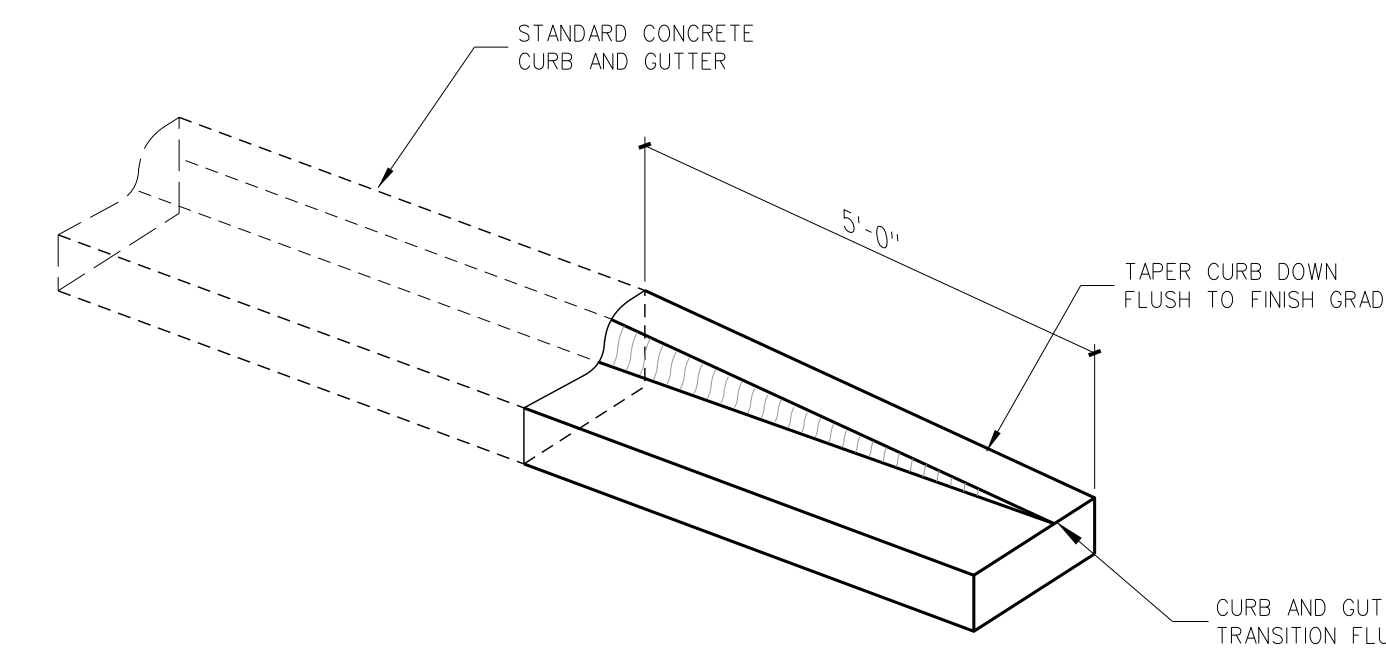
Project No.	
Date:	9 June 2022
Drawing No.	401



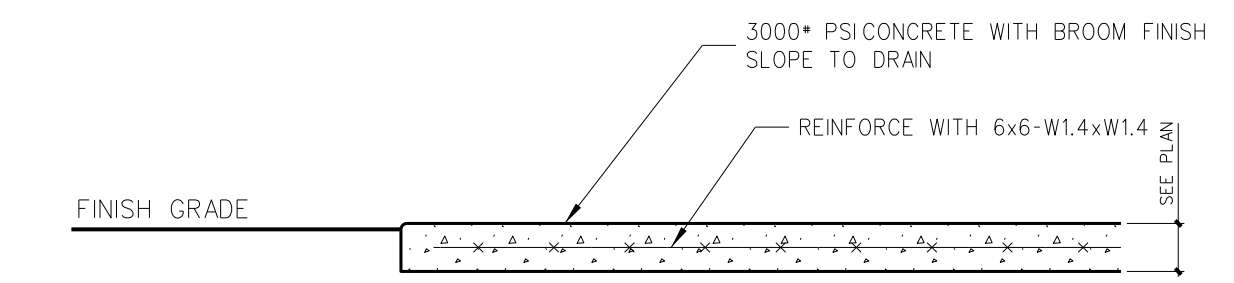
402.9 CONCRETE CONTROL JOINTS @ 6" SLABS
SCALE: NONE



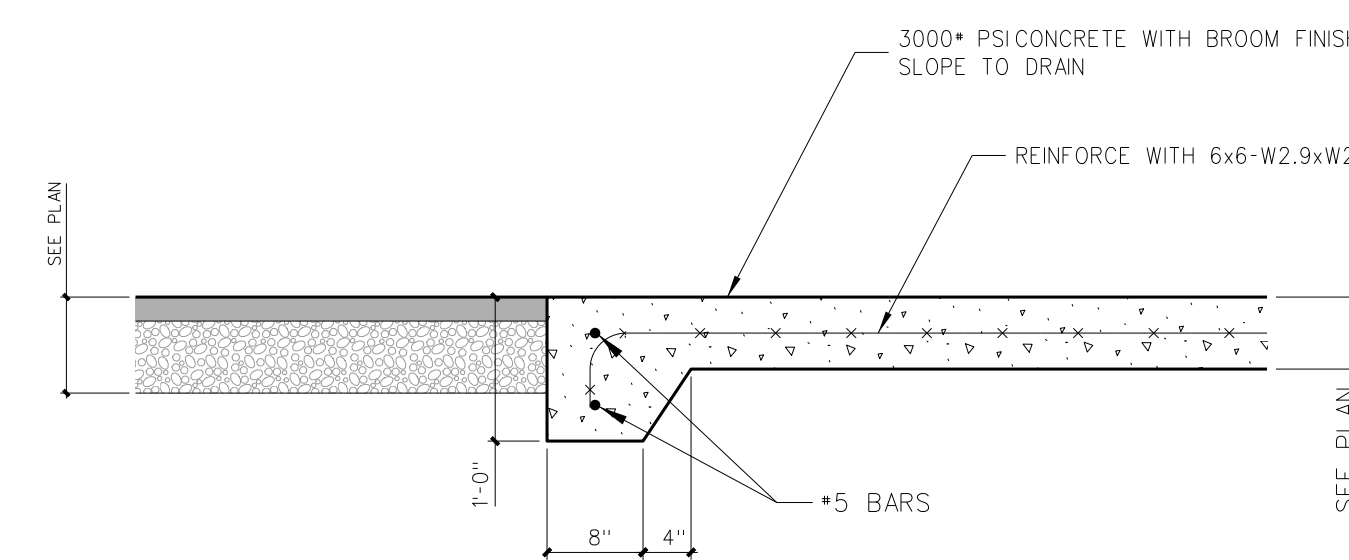
402.8 CONCRETE JOINT DETAILS
SCALE: NONE



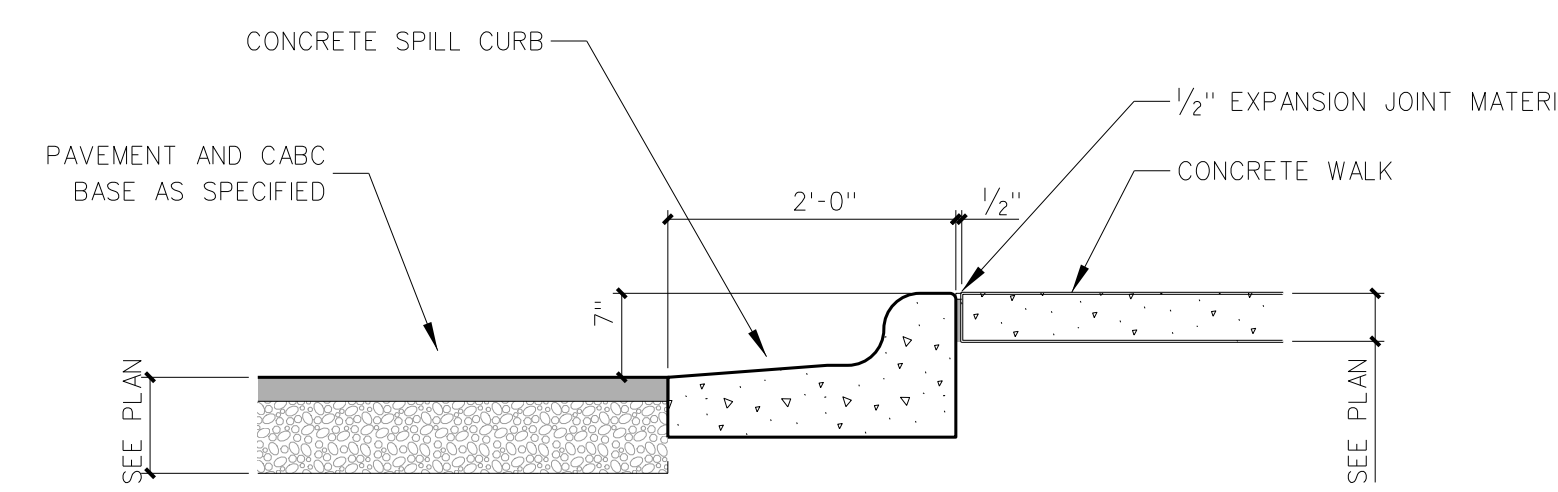
402.7 CONCRETE CURB END TAPER
SCALE: 3/4" = 1'-0"



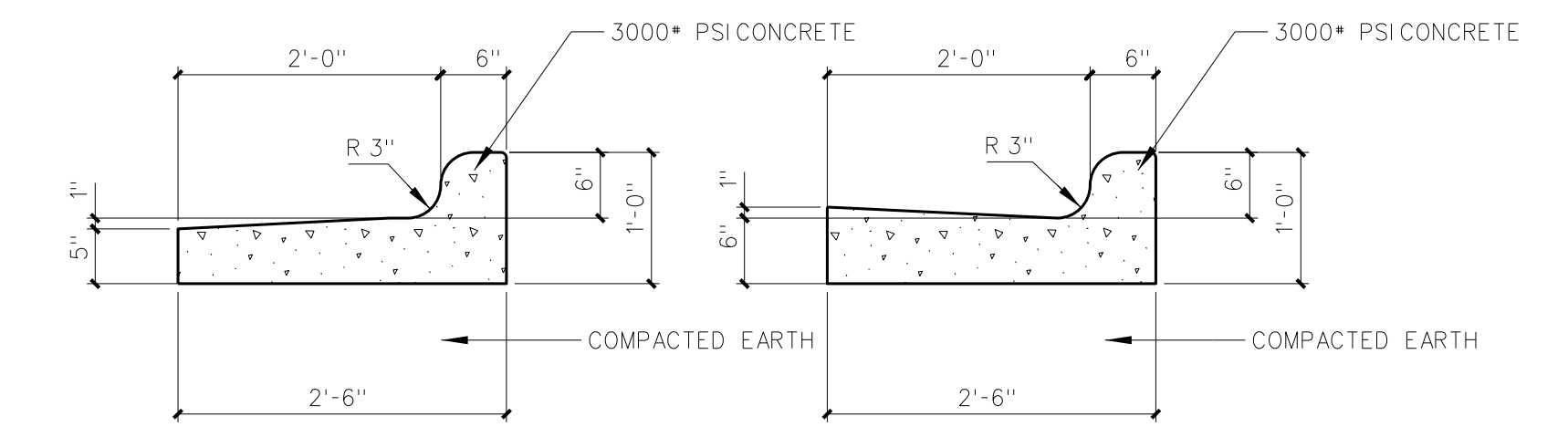
402.6 LIGHT-DUTY CONCRETE SLAB
SCALE: 3/4" = 1'-0"



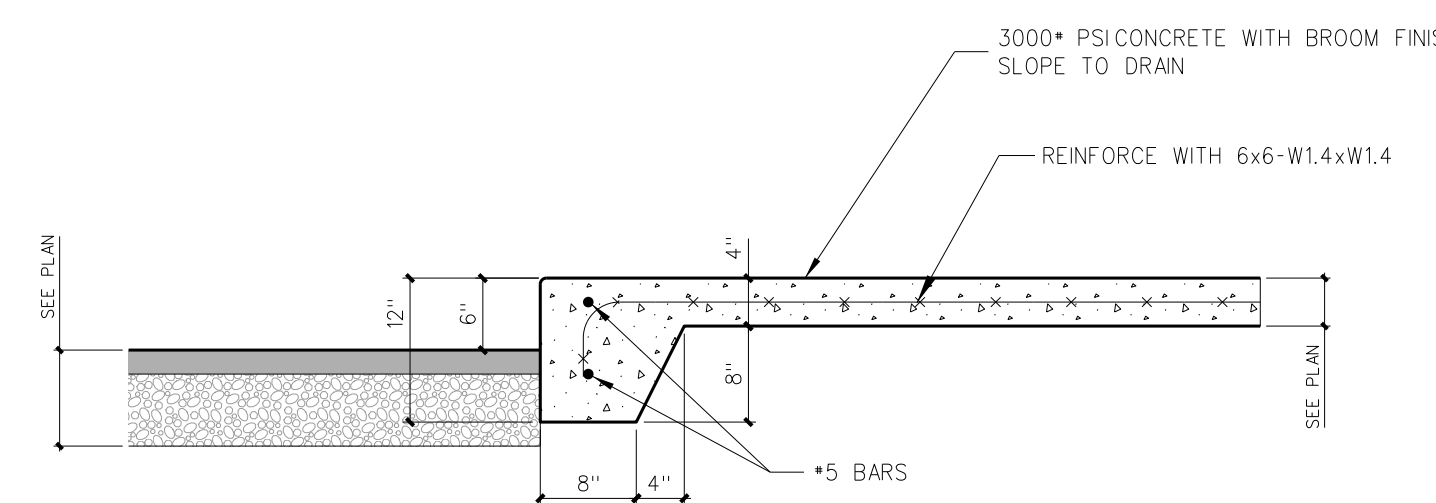
402.5 HEAVY-DUTY CONCRETE SLAB
SCALE: 3/4" = 1'-0"



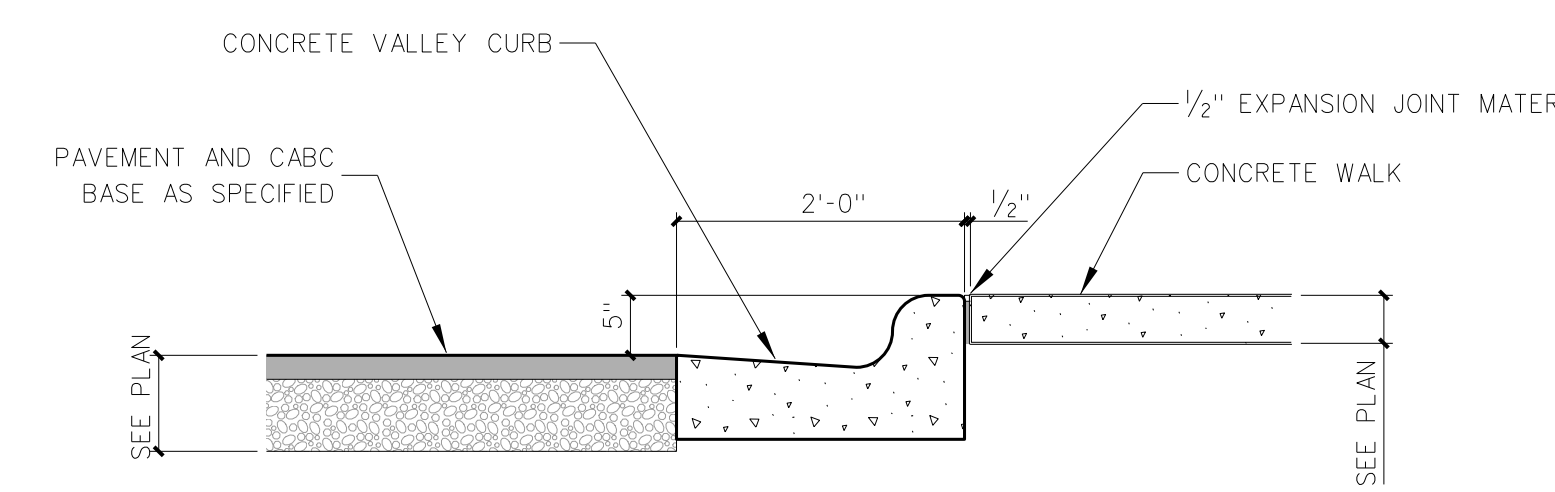
402.4 CONCRETE SPILL CURB @ WALK
SCALE: 3/4" = 1'-0"



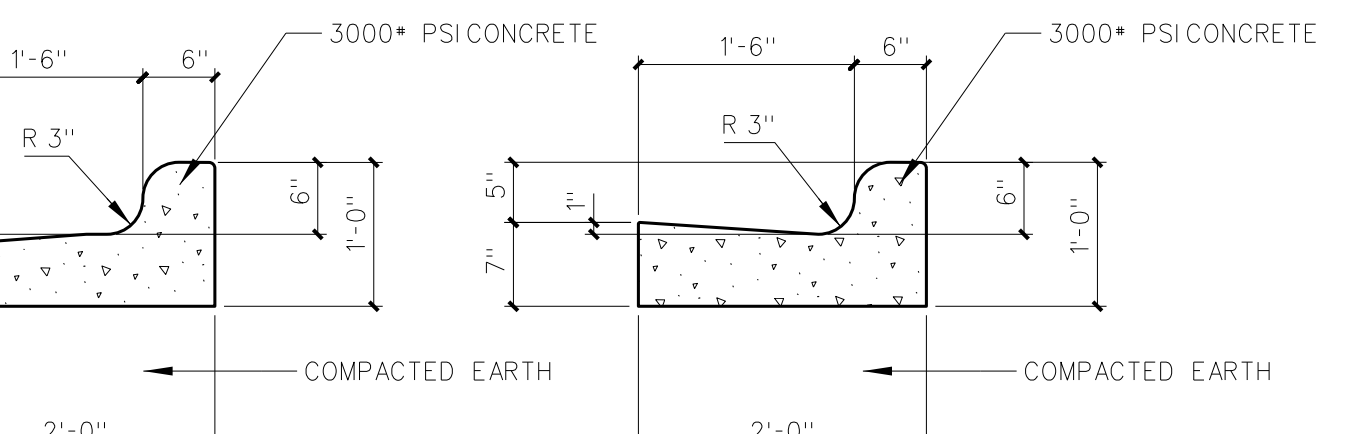
402.1 24"/30" CONCRETE CURB DETAILS
SCALE: 3/4" = 1'-0"



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



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



No.	Date	Revision

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

MITE ASSOCIATES, P.C.
REGISTERED PROFESSIONAL ARCHITECT
NUMBER 418
GREENVILLE, NC

JAMES GRAY HITE
REGISTERED ARCHITECT
NUMBER 5117
GREENVILLE, NC

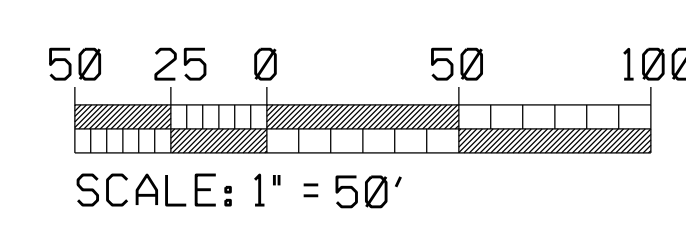
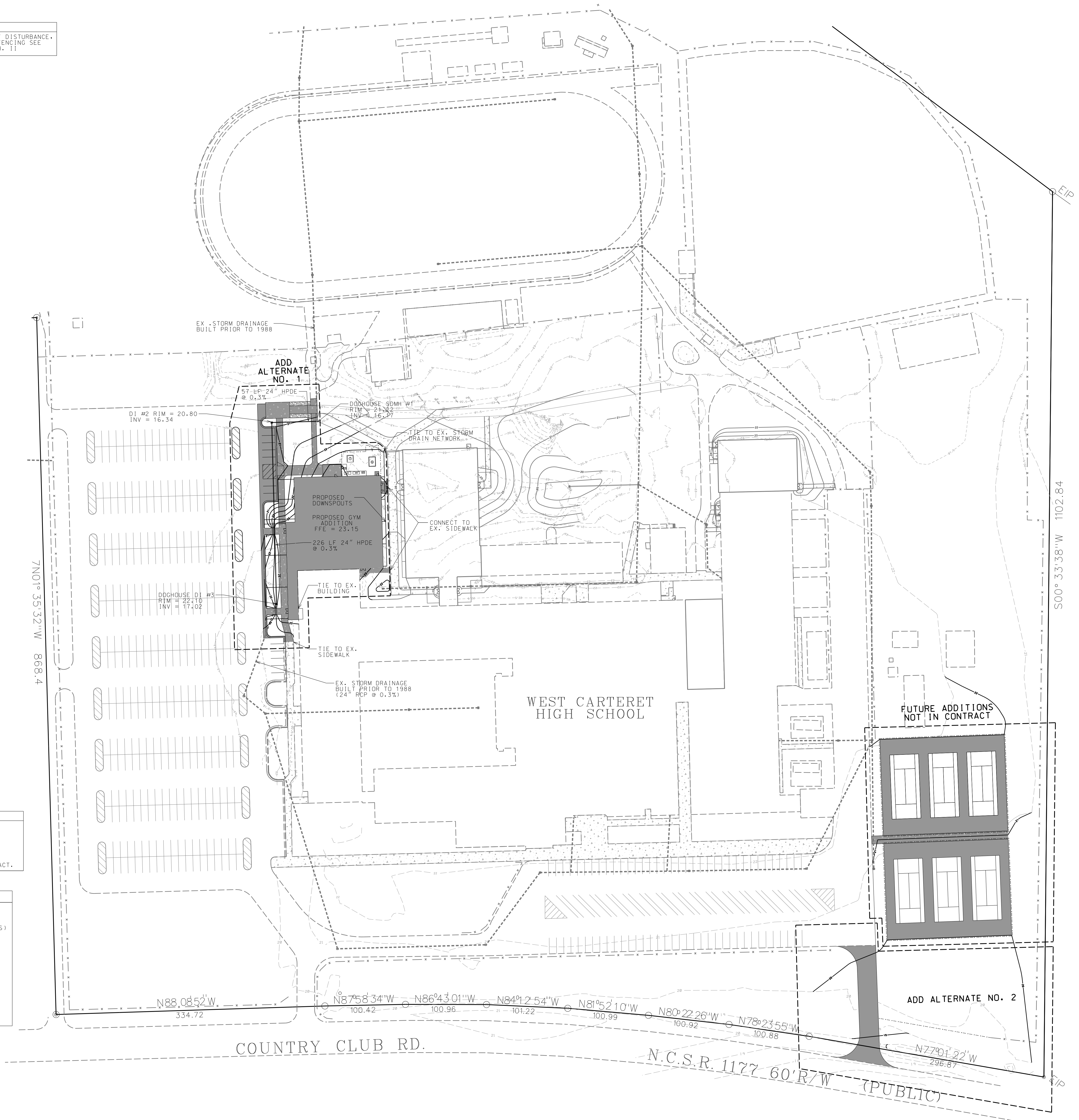
New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112
Date: 18 August 2022
Drawing no. **C 402**

NOTES
 FOR PROPOSED LAYDOWN AREAS, LIMITS OF DISTURBANCE, SILT FENCING, AND HARD CONSTRUCTION FENCING SEE SHEET 601.0 - EROSION CONTROL PLAN PH. 11

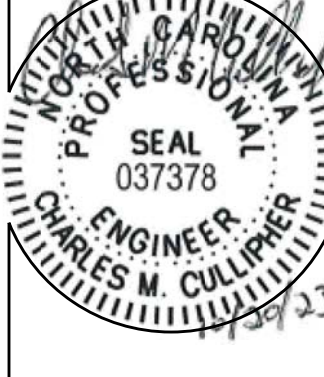
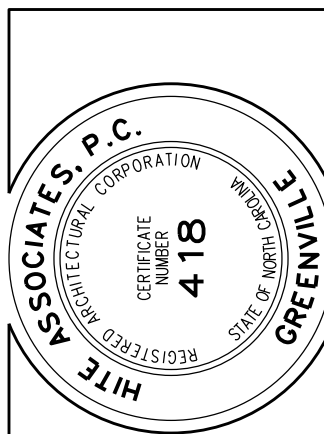
ADD ALTERNATE NOTES
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 ALL SITE WORK AND DEMOLITION/REMOVAL SHOWN UNDER "FUTURE ADDITIONS" TO BE COMPLETED UNDER SEPARATE CONTRACT.

LEGEND	
--18.5--	EX. CONTOURS
--19.5--	PROPOSED CONTOURS
—	8" HDPE (COLLECT ROOF DRAINS)
→	FLOW DIRECTION
HP	HIGH POINT
TW	TOP OF WALL ELEVATION
BW	BOTTOM OF WALL ELEVATION
—	PROPOSED STORM DRAINAGE
CB	CATCH BASIN
DI	DROP INLET
SDMH	STORM DRAIN MANHOLE
—W	WATER LINE
TW	TOP OF WALL
BW	BOTTOM OF WALL
SPOT	SPOT ELEVATION



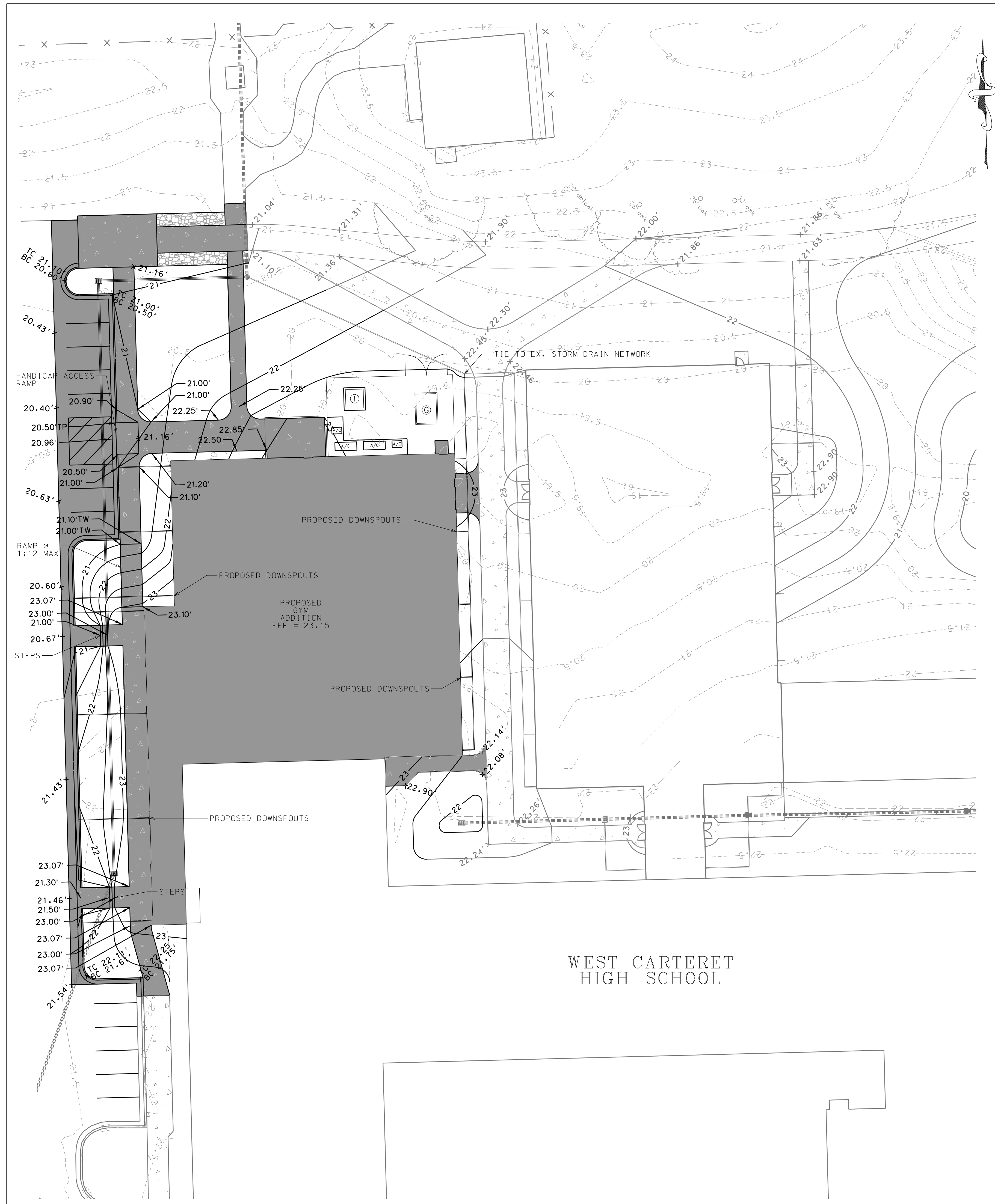
No.	Date	Revision
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Hite associates
 ARCHITECTURE / PLANNING / TECHNOLOGY
 2600 Meridian Drive / Greenville, NC 27834 / tel: (252) 757-0333



New Additions to
WEST CARTERET HIGH SCHOOL
 4700 Country Club Road, Morehead City, NC 28557
 Carteret County Schools / North Carolina

Project No.	
Date:	9 June 2022
Drawing No.	501

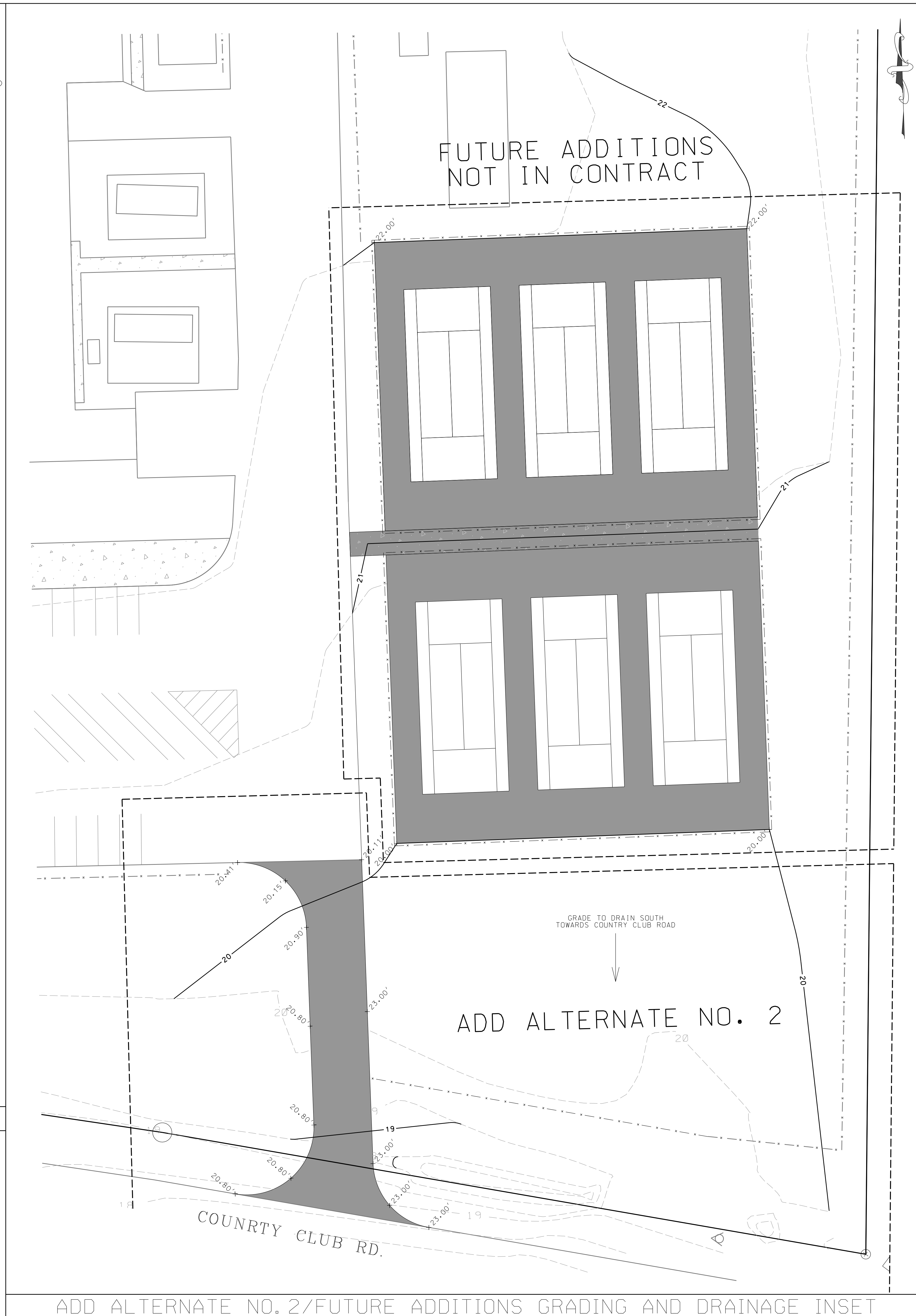


ADD ALTERNATE NO. 1 GRADING AND DRAINAGE INSET

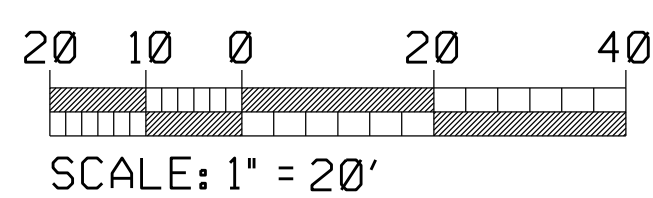
LEGEND	
-18.5 -	EX. CONTOURS
-19.5 -	PROPOSED CONTOURS
-	8" HDPE (COLLECT ROOF DRAINS)
->	FLOW DIRECTION
HP	HIGH POINT
TW	TOP OF WALL ELEVATION
BW	BOTTOM OF WALL ELEVATION
-	PROPOSED STORM DRAINAGE
CB	CATCH BASIN
DI	DROP INLET
SMWH	STORM DRAIN MANHOLE
-W-	WATER LINE
TW	TOP OF WALL
BW	BOTTOM OF WALL
29.20	SPOT ELEVATION

NOTES
 FOR PROPOSED LAYDOWN AREAS, LIMITS OF DISTURBANCE, SILT FENCING, AND HARD CONSTRUCTION FENCING SEE SHEET 601.0 - EROSION CONTROL PLAN PH. II

ADD ALTERNATE NOTES
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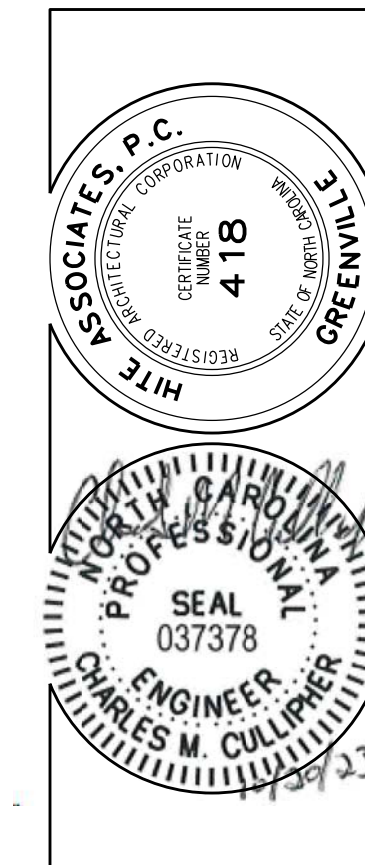


ADD ALTERNATE NO. 2/FUTURE ADDITIONS GRADING AND DRAINAGE INSET



No.	Date	Revision
1	4/18/23	Project Phasing Revisions
2	4/24/23	Fire Road Revisions
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4	10/26/23	Revisions per Hite and Associates

Hite associates
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New Additions to
WEST CARTERET HIGH SCHOOL
 4700 Country Club Road, Morehead City, NC 28557
 Carteret County Schools / North Carolina

Project No.	
Date:	9 June 2022
Drawing No.	502

EROSION CONTROL NOTES

MAINTENANCE PLAN

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND EFFECTIVE OPERATION FOLLOWING EVERY RUNOFF PRODUCING RAINFALL EVENT OR AT LEAST ONCE A WEEK. REPAIRS REQUIRED SHALL BE COMPLETED IMMEDIATELY TO THE DIMENSION AND FUNCTIONS INDICATED ON THE PLAN.
2. SEDIMENT SHALL BE REMOVED FROM BEHIND THE SEDIMENT FENCING WHEN IT BECOMES 0.5 FEET DEEP AT THE FENCE. THE FENCE SHALL BE REPLACED OR REPAIRED AS NECESSARY TO MAINTAIN BARRIER.
3. ALL SEEDED AREAS SHALL BE FERTILIZED, RESEEDED AND MULCHED AS NECESSARY ACCORDING TO THE CONTRACT DOCUMENTS TO ESTABLISH AND MAINTAIN A DENSE VEGETATIVE COVER.
4. ANY AREAS STEEPER THAN 3:1 SLOPE SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY. ALL OTHER DISTURBED AREAS SHALL PROVIDE TEMPORARY OR PERMANENT STABILIZATION WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.

NOTES

1. PERSON RESPONSIBLE FOR LAND DISTURBING ACTIVITY:
CARTERET COUNTY SCHOOLS
107 SAFARIY DRIVE
BEAUFORT, NC 28516
252-728-6115
2. BORROW ACTIVITY TO BE OBTAINED FROM A PERMITTED MINE.
3. ANY MATERIAL REMOVED FROM THE SITE MUST BE HAULED TO A PERMITTED SITE.

CONSTRUCTION SEQUENCE

1. CONTRACTOR SHALL INSTALL CONSTRUCTION ENTRANCE, CONSTRUCTION FENCING AND SILT FENCE. UTILITIES ARE TO REMAIN IN SERVICE.
2. COORDINATE CONSTRUCTION FENCE WITH CARTERET COUNTY SCHOOLS FOR PEDESTRIAN SAFETY
3. CONTRACTOR SHALL CONTACT NCDENR WILMINGTON REGIONAL OFFICE AT: 910-796-7215 AND THE CULLIPHER GROUP, P.A. AT: (252) 773-0090 FOR A PRECONSTRUCTION MEETING.
4. BEGIN CLEARING AND GRUBBING.
5. BRING SITE UP TO GRADE AND INSTALL STORM DRAINAGE AND UTILITIES AS SHOWN ON APPROVED PLANS. INSTALL INLET PROTECTION ON STORM DRAINAGE PER DETAIL.
6. BEGIN CONSTRUCTION OF BUILDING.
7. STABILIZE SITE ONCE IT IS AT FINAL GRADE AND CALL FOR INSPECTION.

LAND DISTURBANCE = 4.49 AC

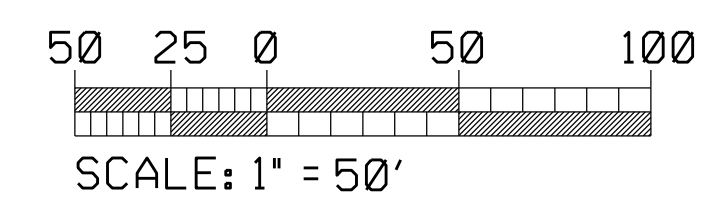
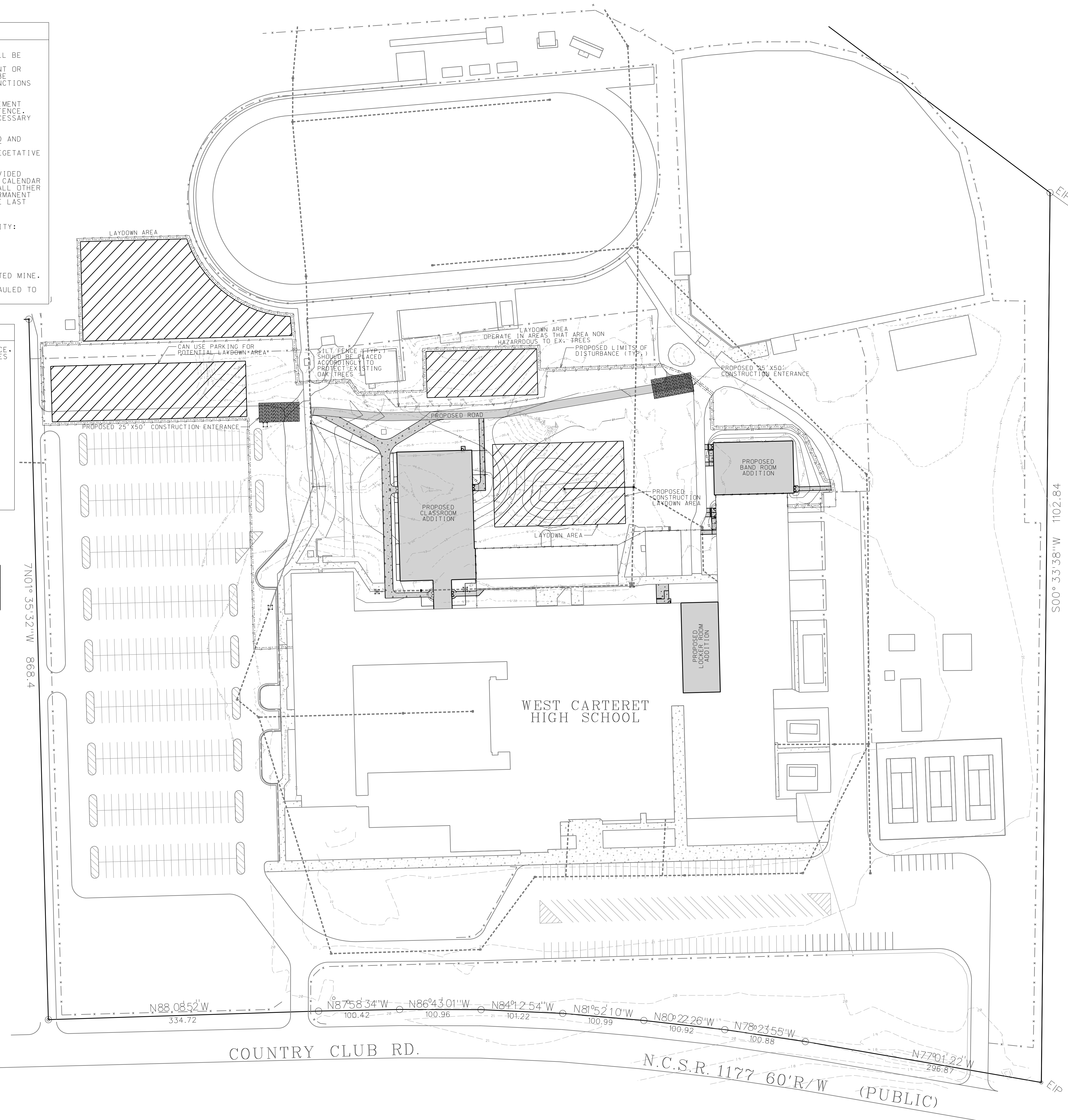
PROJECT DRAINS TO NEWPORT RIVER
CLASS C WATERS

ALL DENUDE AREAS SHALL BE STABILIZED WITHIN
14 DAYS OF BEING BROUGHT TO ROUGH FINAL GRADE

THERE ARE NO SURFACE WATERS, REGULATORY
FLOOD ZONES, PROTECTED VEGETATED SETBACKS,
OR PROTECTED RIPARIAN BUFFERS ON SITE
THERE ARE NO WETLAND IMPACTS
PROPOSED WITH THIS PLAN

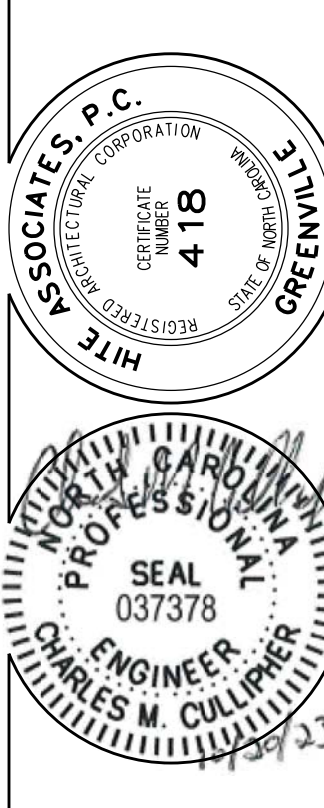
LEGEND

- INLET PROTECTION
- SILT FENCE — SF —
- CONSTRUCTION ENTRANCE
- LIMITS OF DISTURBANCE — LD —
- FENCE — X —



No.	Date	Revision
1	4/18/23	Project Phasing Revisions
2	4/24/23	Fire Road Revisions
3	10/9/23	Add All Revisions
4	10/26/23	Revisions per Hite and Associates

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



New Additions to
WEST CARTERET HIGH SCHOOL
4700 Country Club Road, Morehead City, NC 28557
Carteret County Schools / North Carolina

Project No.	
Date:	9 June 2022
Drawing no.	600

EROSION CONTROL NOTES

MAINTENANCE PLAN

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND EFFECTIVE OPERATION FOLLOWING EVERY RUNOFF PRODUCING RAINFALL EVENT OR AT LEAST ONCE A WEEK. REPAIRS REQUIRED SHALL BE COMPLETED IMMEDIATELY TO THE DIMENSION AND FUNCTIONS INDICATED ON THE PLAN.
2. SEDIMENT SHALL BE REMOVED FROM BEHIND THE SEDIMENT FENCING WHEN IT BECOMES 0.5 FEET DEEP AT THE FENCE. THE FENCE SHALL BE REPLACED OR REPAIRED AS NECESSARY TO MAINTAIN BARRIER.
3. ALL SEEDED AREAS SHALL BE FERTILIZED, RESEEDED AND MULCHED AS NECESSARY ACCORDING TO THE CONTRACT DOCUMENTS TO ESTABLISH AND MAINTAIN A DENSE VEGETATIVE COVER.
4. ANY AREAS STEEPER THAN 3:1 SLOPE SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY. ALL OTHER DISTURBED AREAS SHALL PROVIDE TEMPORARY OR PERMANENT STABILIZATION WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.

NOTES

1. PERSON RESPONSIBLE FOR LAND DISTURBING ACTIVITY:
CARTERET COUNTY SCHOOLS
107 SAFARIY DRIVE
BEAUFORT, NC 28516
252-728-6115
2. BORROW ACTIVITY TO BE OBTAINED FROM A PERMITTED MINE.
3. ANY MATERIAL REMOVED FROM THE SITE MUST BE HAULED TO A PERMITTED SITE.

CONSTRUCTION SEQUENCE

1. CONTRACTOR SHALL INSTALL CONSTRUCTION ENTRANCE, CONSTRUCTION FENCING AND SILT FENCE. UTILITIES ARE TO REMAIN IN SERVICE.
2. COORDINATE CONSTRUCTION FENCE WITH CARTERET COUNTY SCHOOLS FOR PEDESTRIAN SAFETY
3. CONTRACTOR SHALL CONTACT NCDENR WILMINGTON REGIONAL OFFICE AT: 910-796-7215 AND THE CULLIPHER GROUP P.A. AT: (252) 773-0090 FOR A PRECONSTRUCTION MEETING.
4. BEGIN CLEARING AND GRUBBING.
5. BRING SITE UP TO GRADE AND INSTALL STORM DRAINAGE AND UTILITIES AS SHOWN ON APPROVED PLANS. INSTALL INLET PROTECTION ON STORM DRAINAGE PER DETAIL.
6. BEGIN CONSTRUCTION OF BUILDING.
7. STABILIZE SITE ONCE IT IS AT FINAL GRADE AND CALL FOR INSPECTION.

LAND DISTURBANCE = 5.13 AC

PROJECT DRAINS TO NEWPORT RIVER
CLASS C WATERS

ALL DENUDED AREAS SHALL BE STABILIZED WITHIN
14 DAYS OF BEING BROUGHT TO ROUGH FINAL GRADE

THERE ARE NO SURFACE WATERS, REGULATORY
FLOOD ZONES, PROTECTED VEGETATED SETBACKS,
OR PROTECTED RIPARIAN BUFFERS ON SITE
THERE ARE NO WETLAND IMPACTS
PROPOSED WITH THIS PLAN

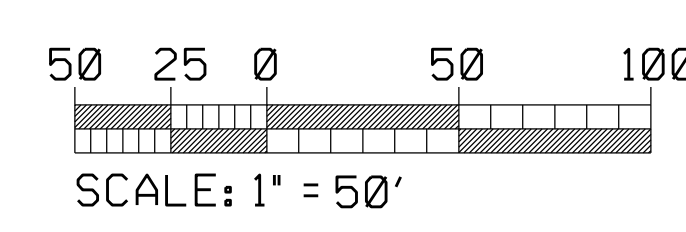
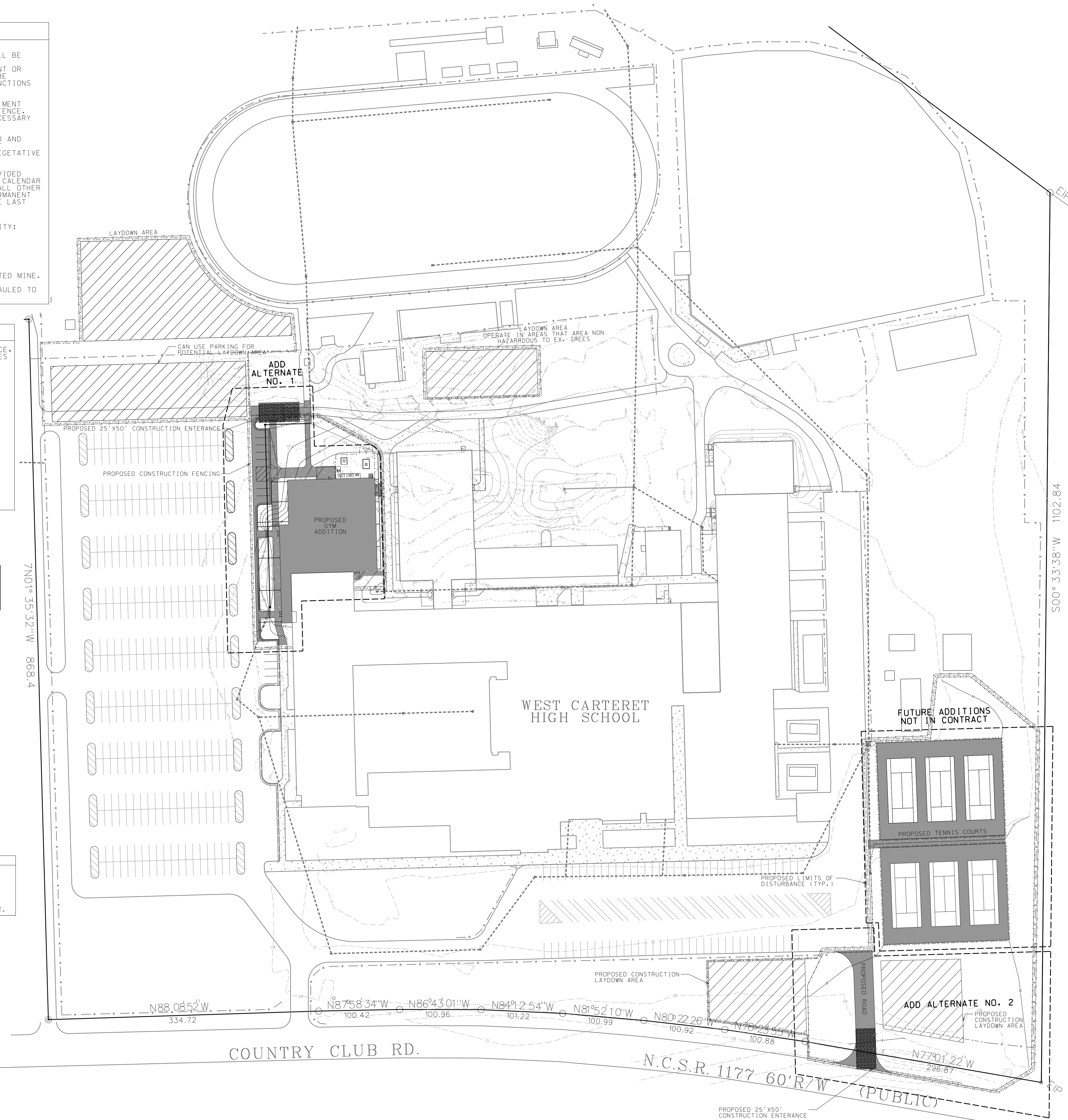
ADD ALTERNATE NOTES

ALL SITE WORK AND DEMOLITION/REMOVAL
SHOWN UNDER ADD ALTERNATE NO. 1
AND 2 ARE TO BE COMPLETED AT A
FUTURE DATE.

ALL SITE WORK AND DEMOLITION/REMOVAL
SHOWN UNDER "FUTURE ADDITIONS"
TO BE COMPLETED UNDER SEPERATE CONTRACT.

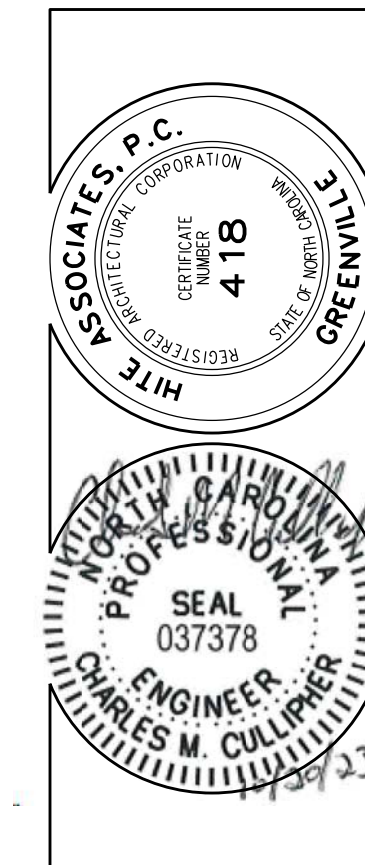
LEGEND

- INLET PROTECTION
- SILT FENCE
- CONSTRUCTION ENTRANCE
- LIMITS OF DISTURBANCE
- FENCE



No.	Date	Revision
1	4/18/23	Project Phasing Revisions
2	4/24/23	Fire Road Revisions
3	10/9/23	Add Alt Revisions
4	10/26/23	Revisions per Hite and Associates

Hite associates
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2608 Meridian Drive / Greenville, NC 27834 / tel: (252) 757-0333



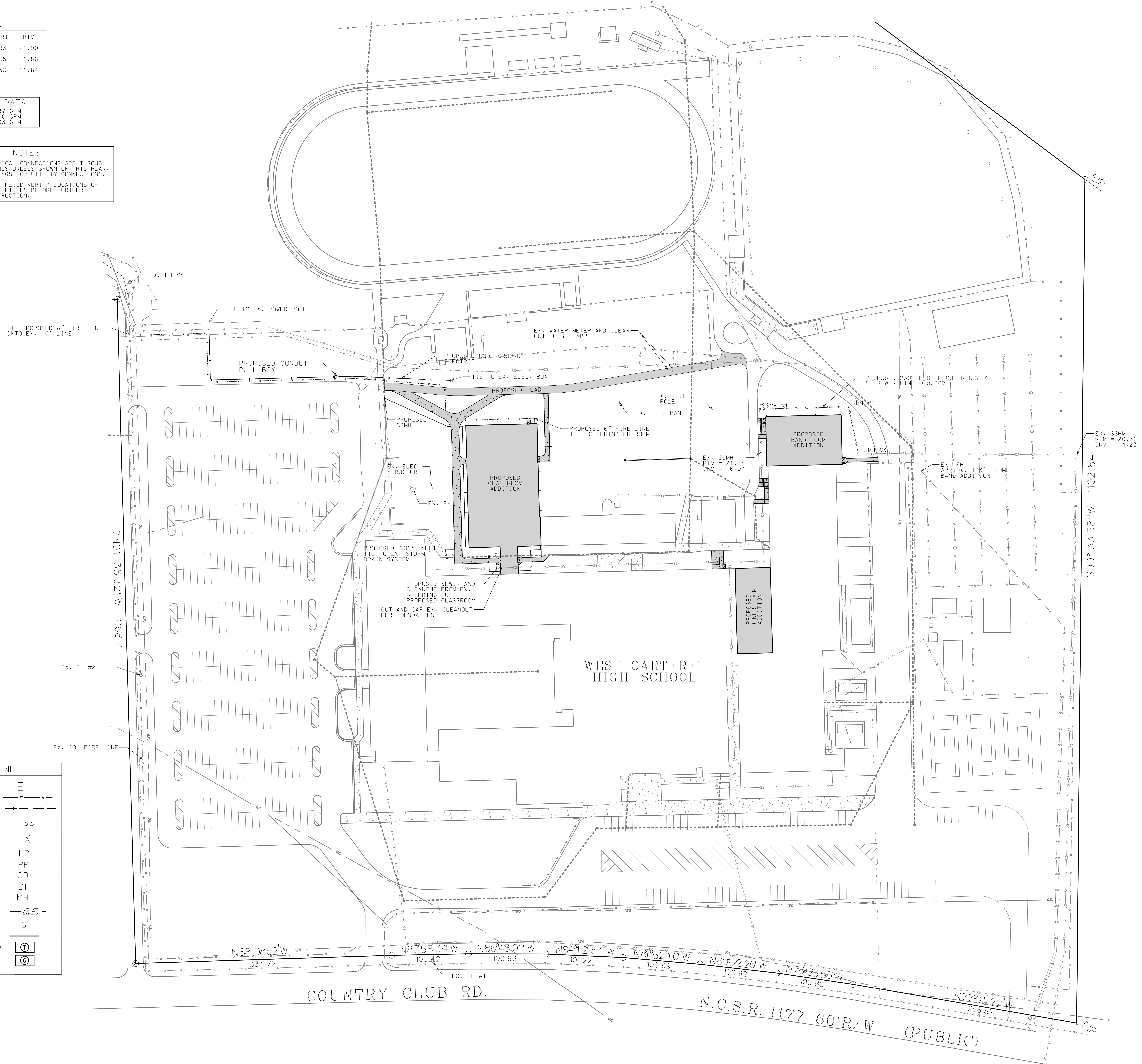
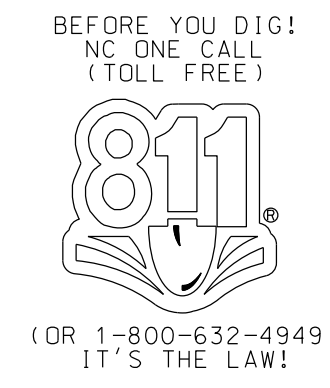
New Additions to
WEST CARTERET HIGH SCHOOL
4700 Country Club Road, Morehead City, NC 28557
Carteret County Schools / North Carolina

Project No.	
Date:	9 June 2022
Drawing no.	601

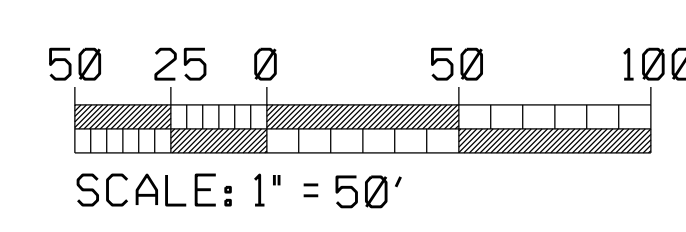
SEWER NOTES		
MNAHOLE #	INVERT	RIM
SSMH #1	15.93	21.90
SSMH #2	15.65	21.86
SSMH #3	15.50	21.84

FIRE FLOW DATA	
FH #1 FLOW	= 1087 GPM
FH #2 FLOW	= 1210 GPM
FH #3 FLOW	= 1233 GPM

NOTES
 WATER AND ELECTRICAL CONNECTIONS ARE THROUGH EXISTING BUILDINGS UNLESS SHOWN ON THIS PLAN. SEE M.E.P. DRAWINGS FOR UTILITY CONNECTIONS.
 CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES BEFORE FURTHER DEMOLITION/CONSTRUCTION.

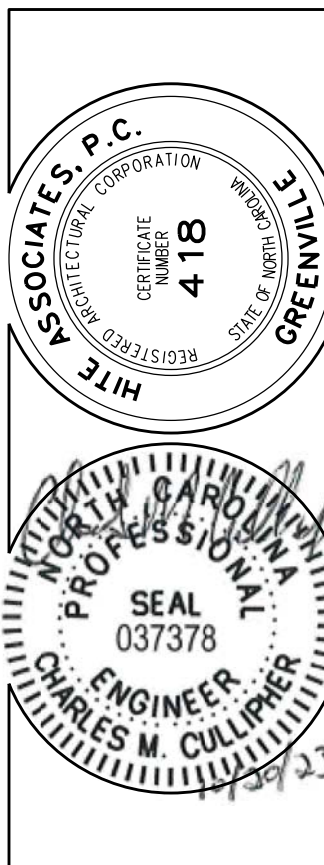


LEGEND	
ELECTRIC LINE	—E—
WATER LINE	—W—W—
FORCE MAIN	—F—F—
SANITARY SEWER LINE	—SS—
CHAINLINK FENCE	—X—
LIGHT POLE	LP
POWER POLE	PP
CLEAN OUT	CO
DROP INLET	DI
SEWER MANHOLE	MH
OVERHEAD ELECTRIC	—O.E.—
GAS LINE	—G—
STORM DRAINAGE	—SD—
TRANSFORMER PAD	Ⓣ
GENERATOR PAD	ⓐ



No.	Date	Revision
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2	4/24/23	Fire Road Revisions
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Hite associates
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 2600 Meridian Drive / Greenville, NC 27834 / tel: (252) 757-0333

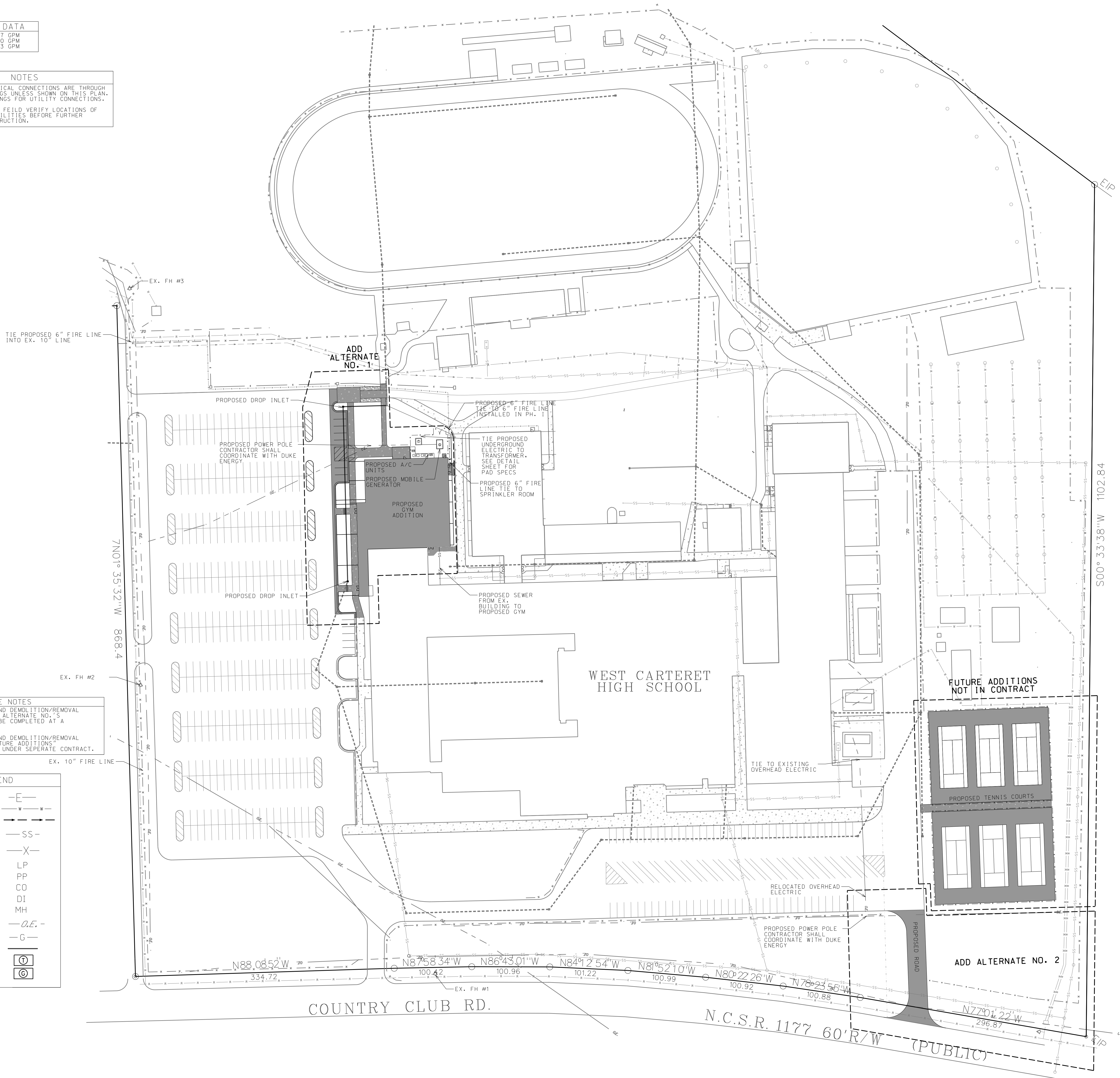


New Additions to
WEST CARTERET HIGH SCHOOL
 4700 Country Club Road, Morehead City, NC 28557
 Carteret County Schools / North Carolina

Project No.	
Date:	9 June 2022
Drawing No.	700.0

FIRE FLOW DATA	
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FH #2 FLOW	= 1210 GPM
FH #3 FLOW	= 1233 GPM

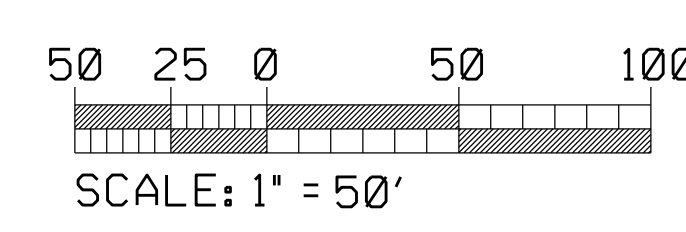
NOTES
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 CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES BEFORE FURTHER DEMOLITION/CONSTRUCTION.



ADD ALTERNATE NOTES
 ALL SITE WORK AND DEMOLITION/REMOVAL SHOWN UNDER ADD ALTERNATE NO. 1 AND 2 ARE TO BE COMPLETED AT A FUTURE DATE.
 ALL SITE WORK AND DEMOLITION/REMOVAL SHOWN UNDER "FUTURE ADDITIONS" TO BE COMPLETED UNDER SEPARATE CONTRACT.

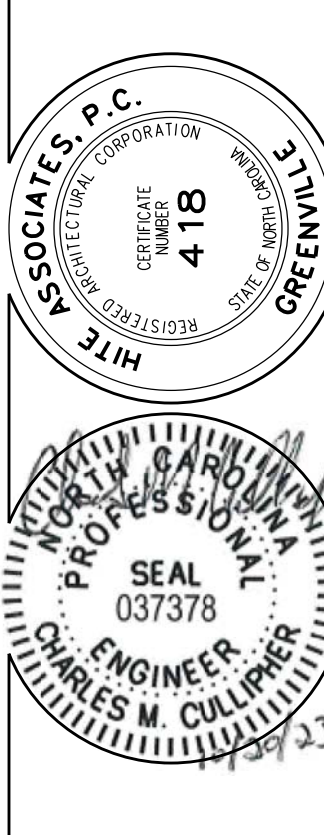
LEGEND

ELECTRIC LINE	—E—
WATER LINE	—W—W—
FORCE MAIN	—FM—
SANITARY SEWER LINE	—SS—
CHAINLINK FENCE	—X—
LIGHT POLE	LP
POWER POLE	PP
CLEAN OUT	CO
DROP INLET	DI
SEWER MANHOLE	MH
OVERHEAD ELECTRIC	—O.E.—
GAS LINE	—G—
STORM DRAINAGE	—SD—
TRANSFORMER PAD	Ⓣ
GENERATOR PAD	ⓐ



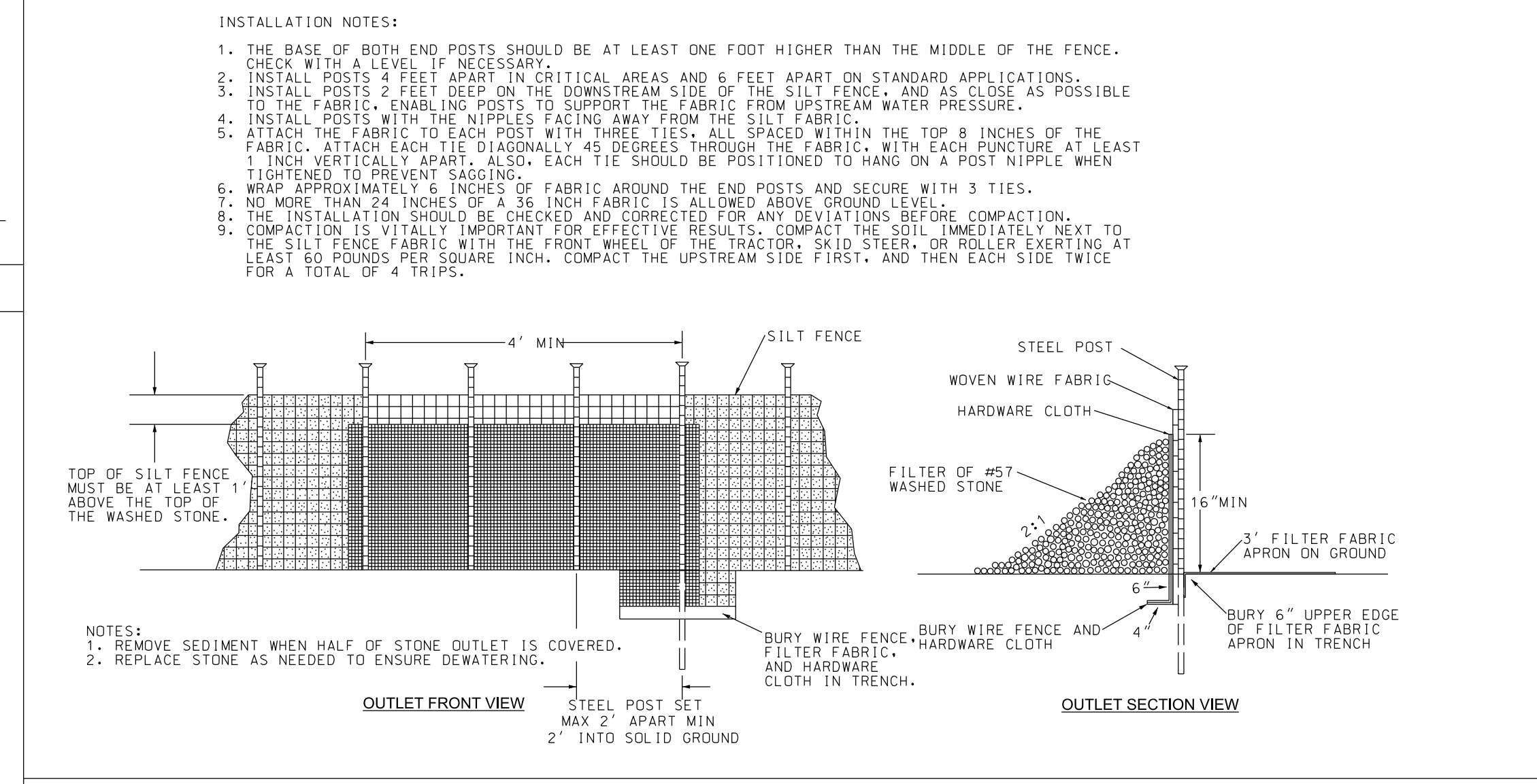
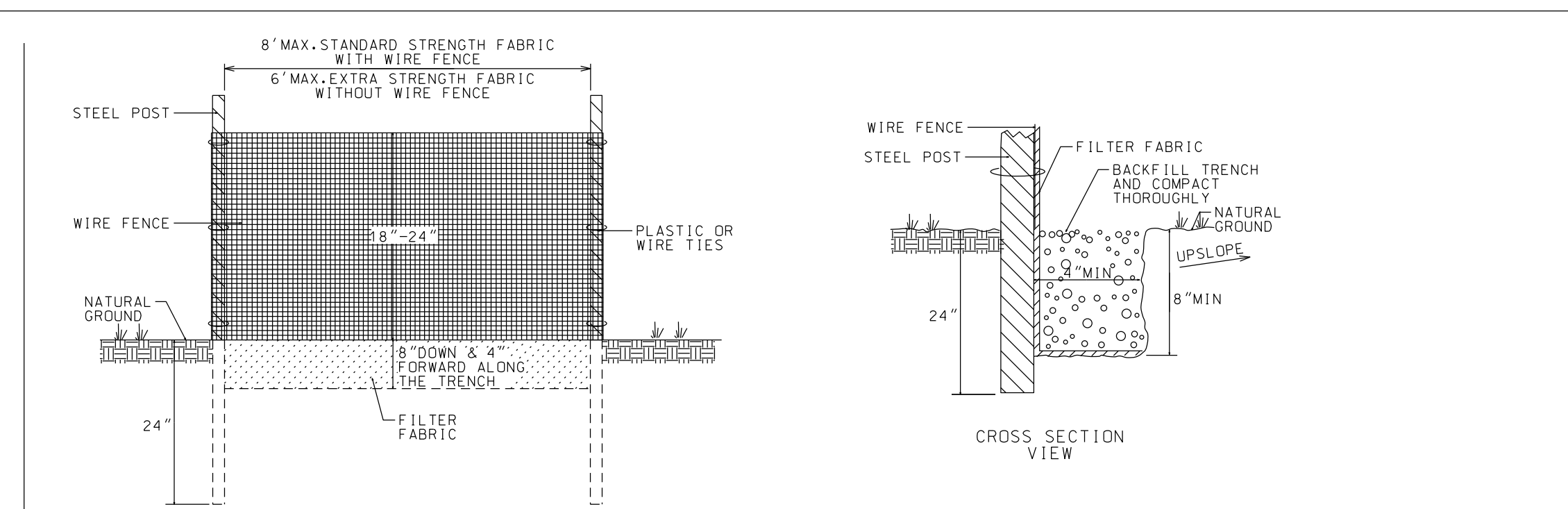
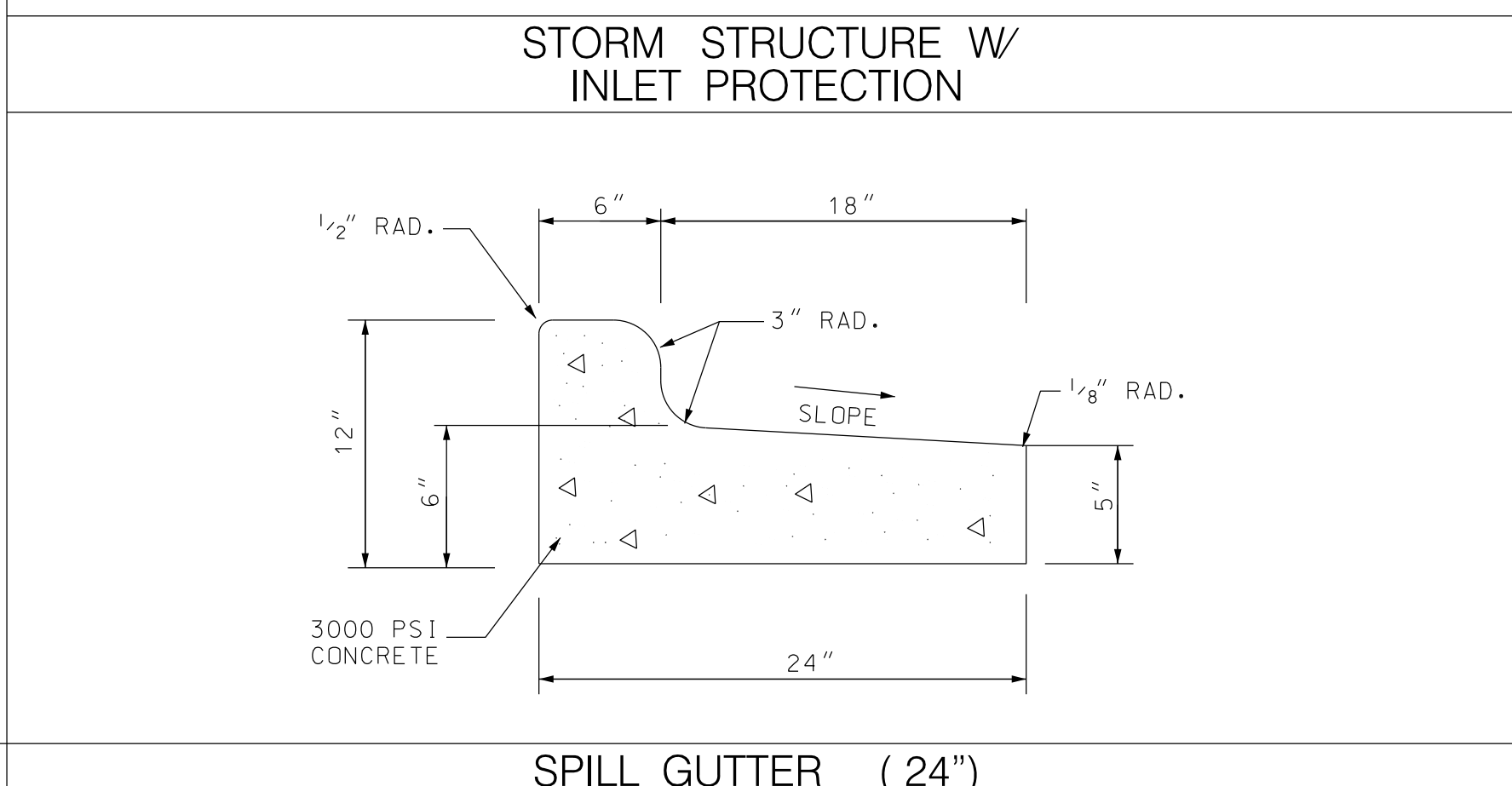
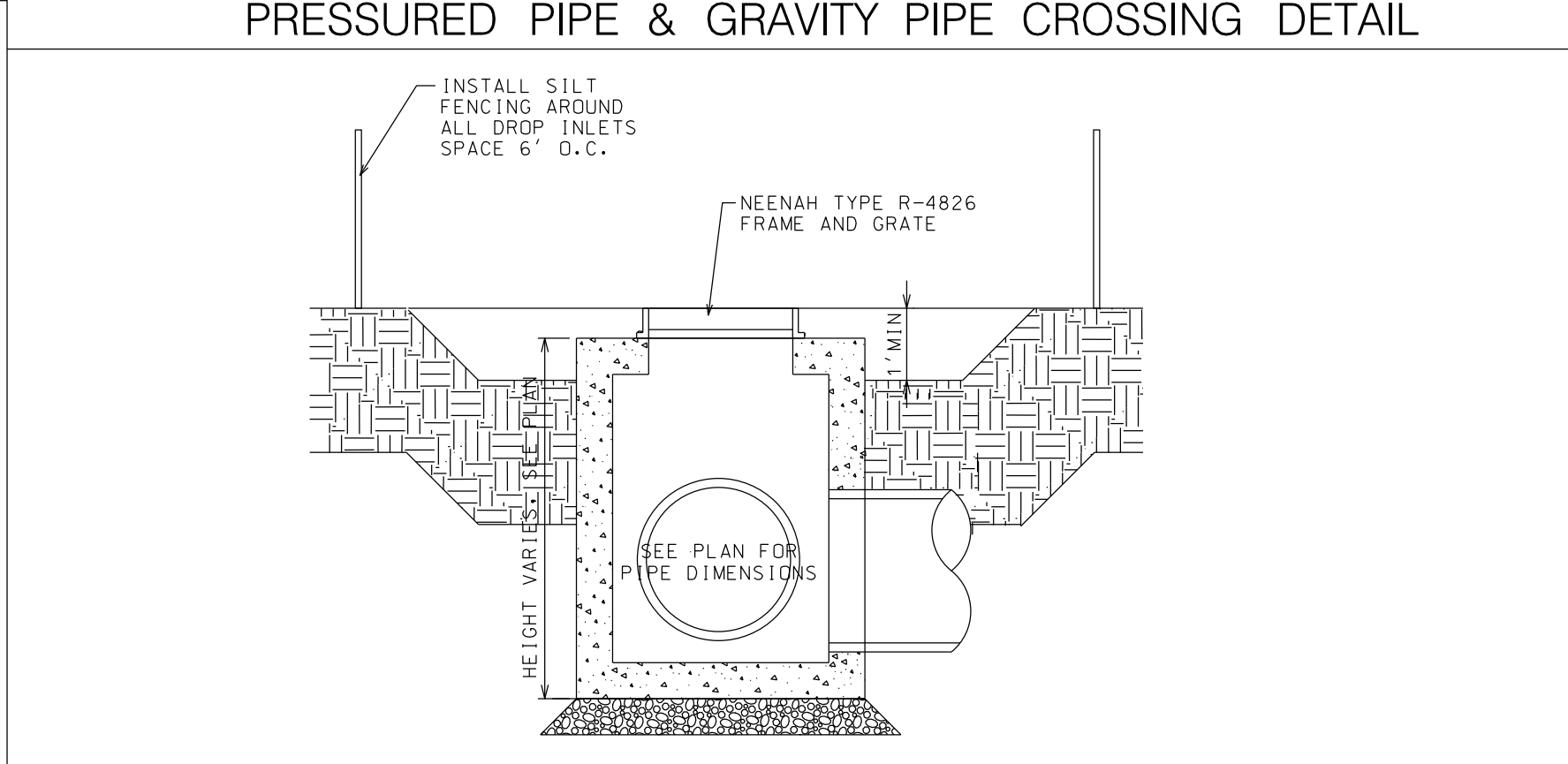
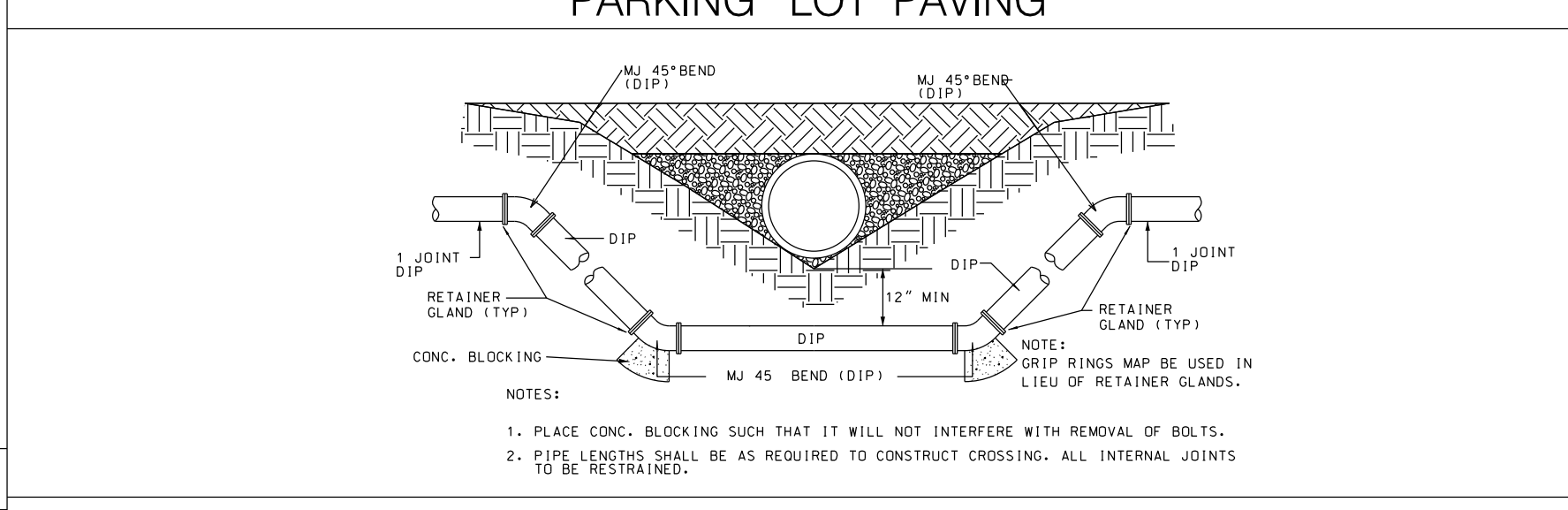
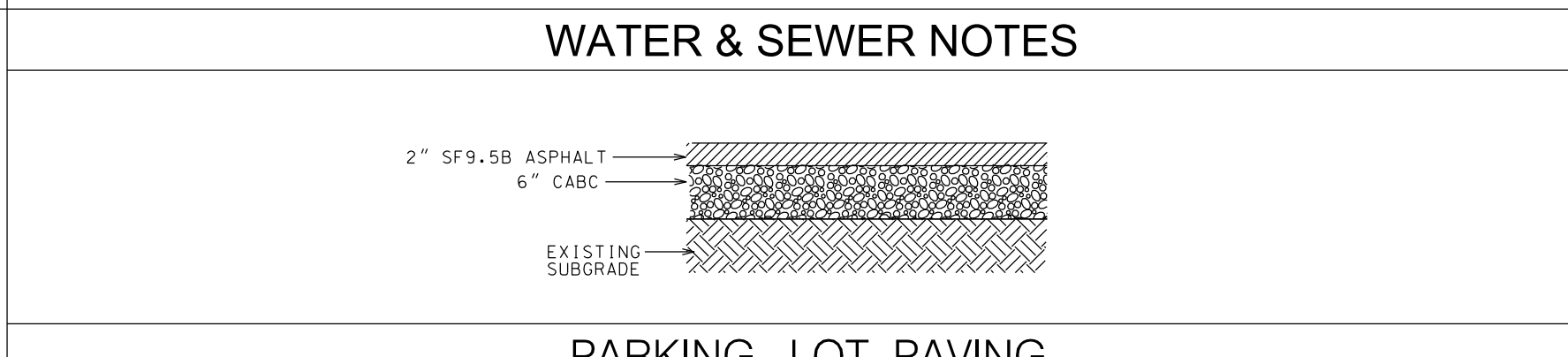
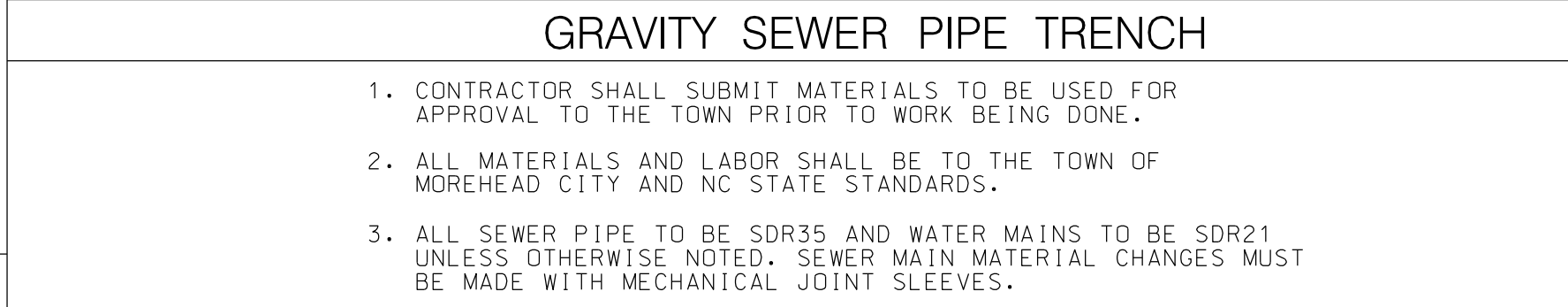
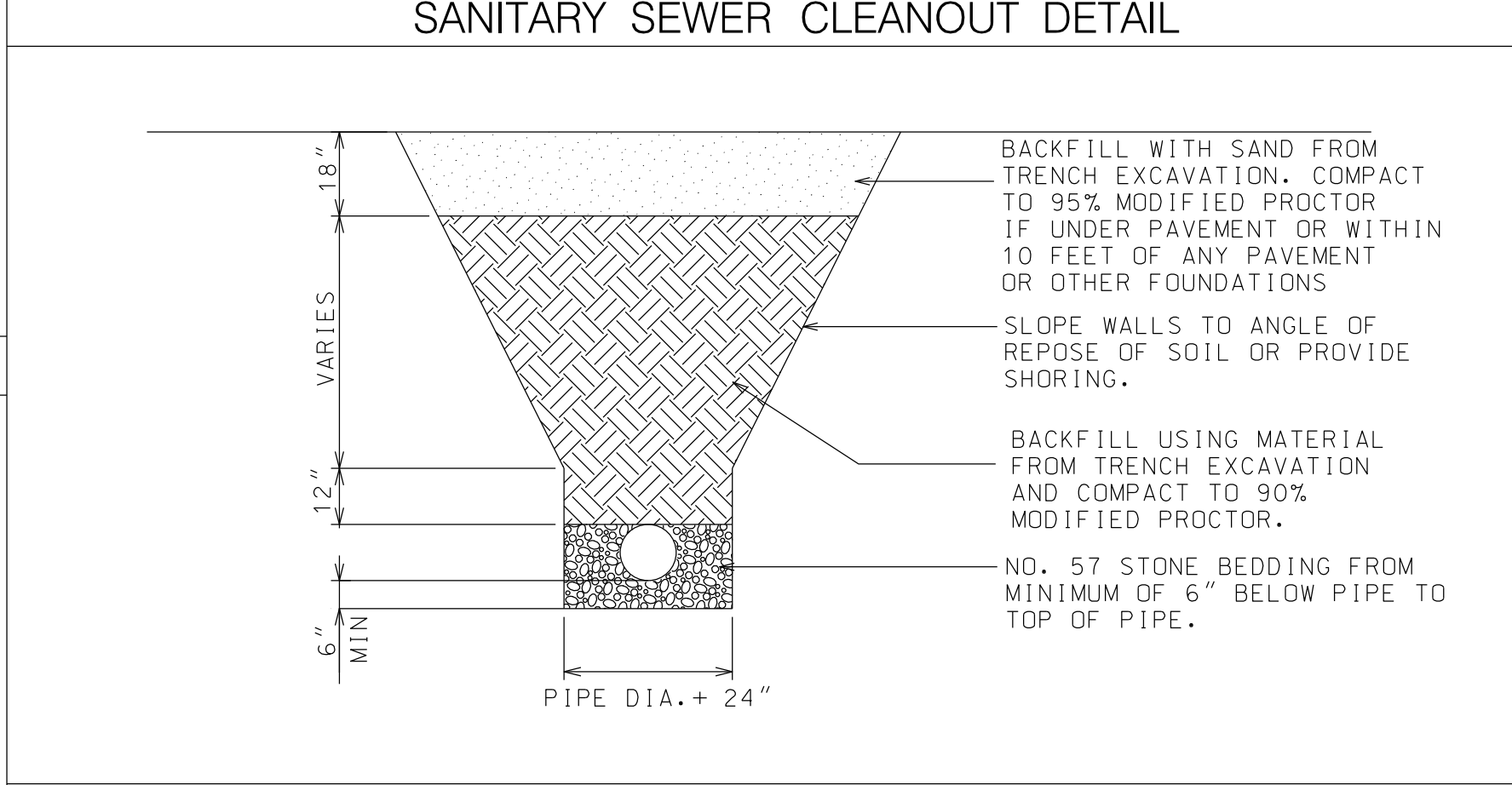
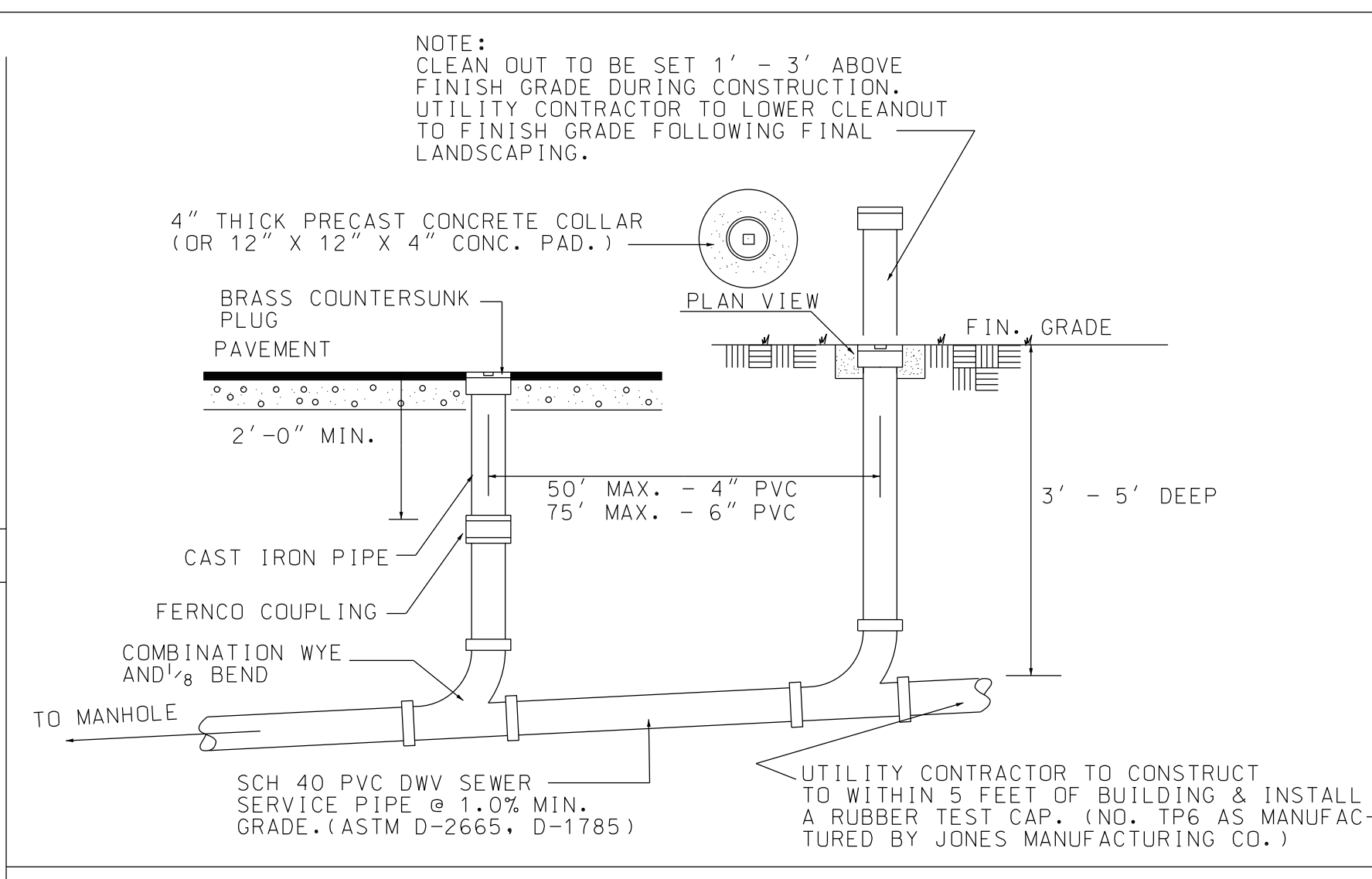
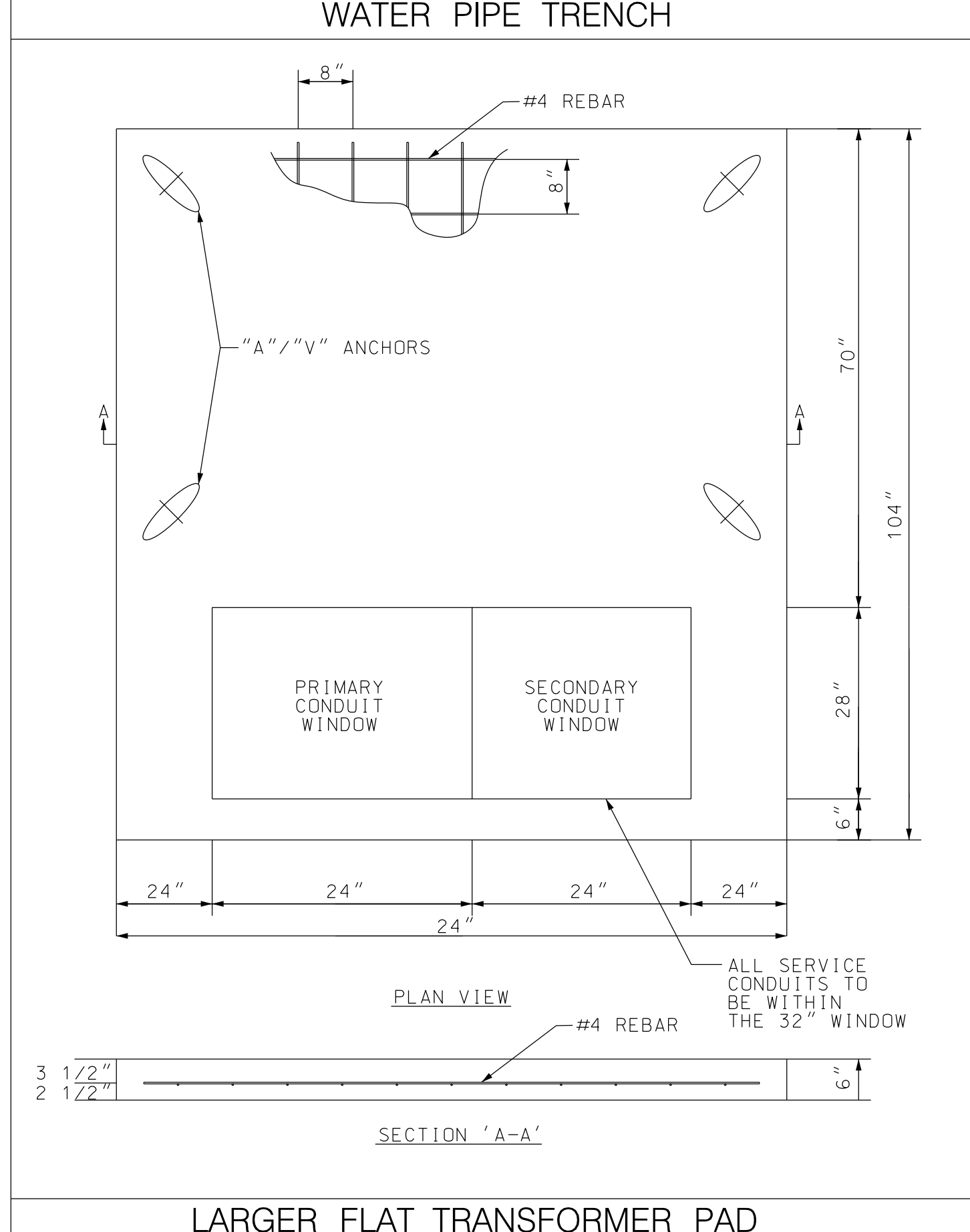
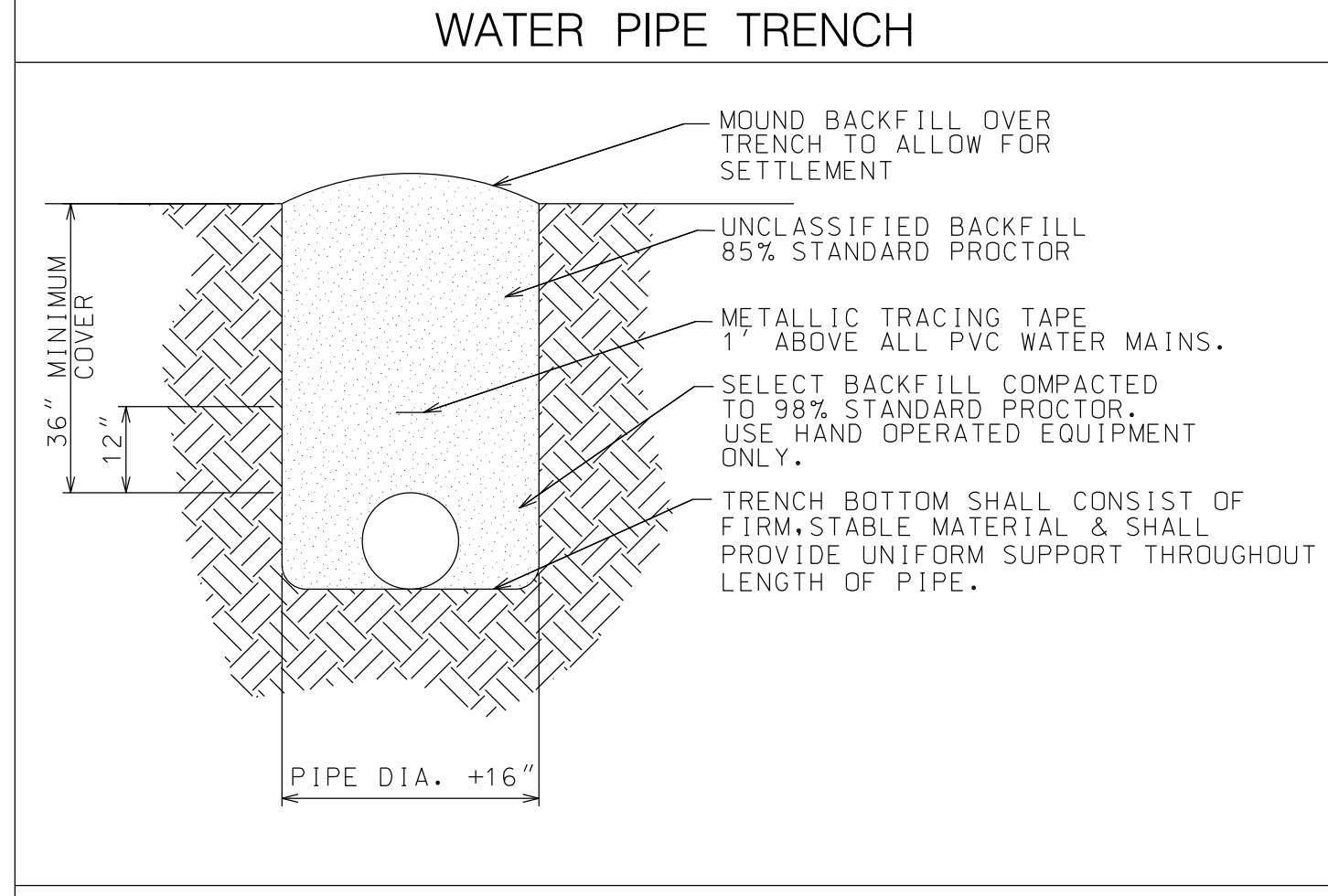
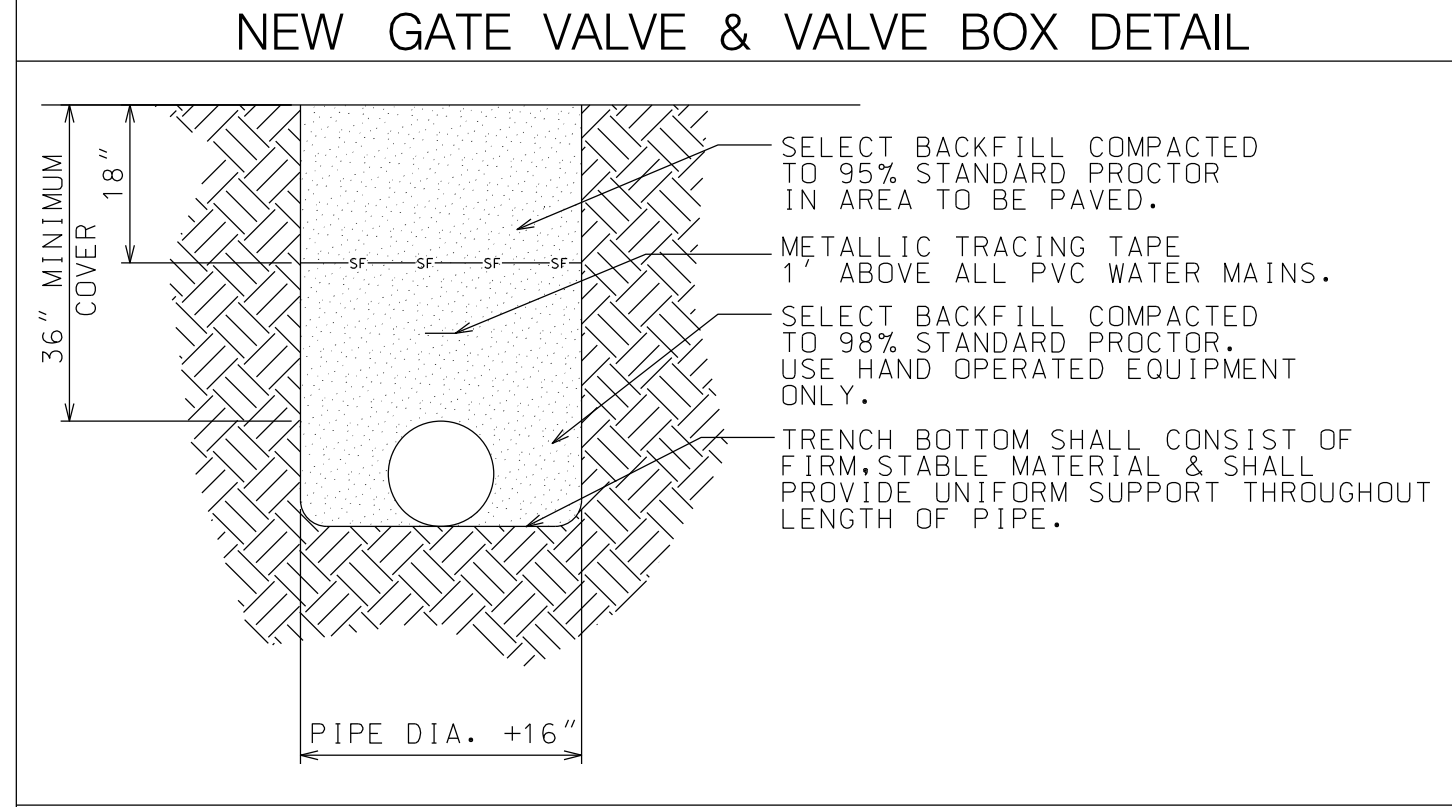
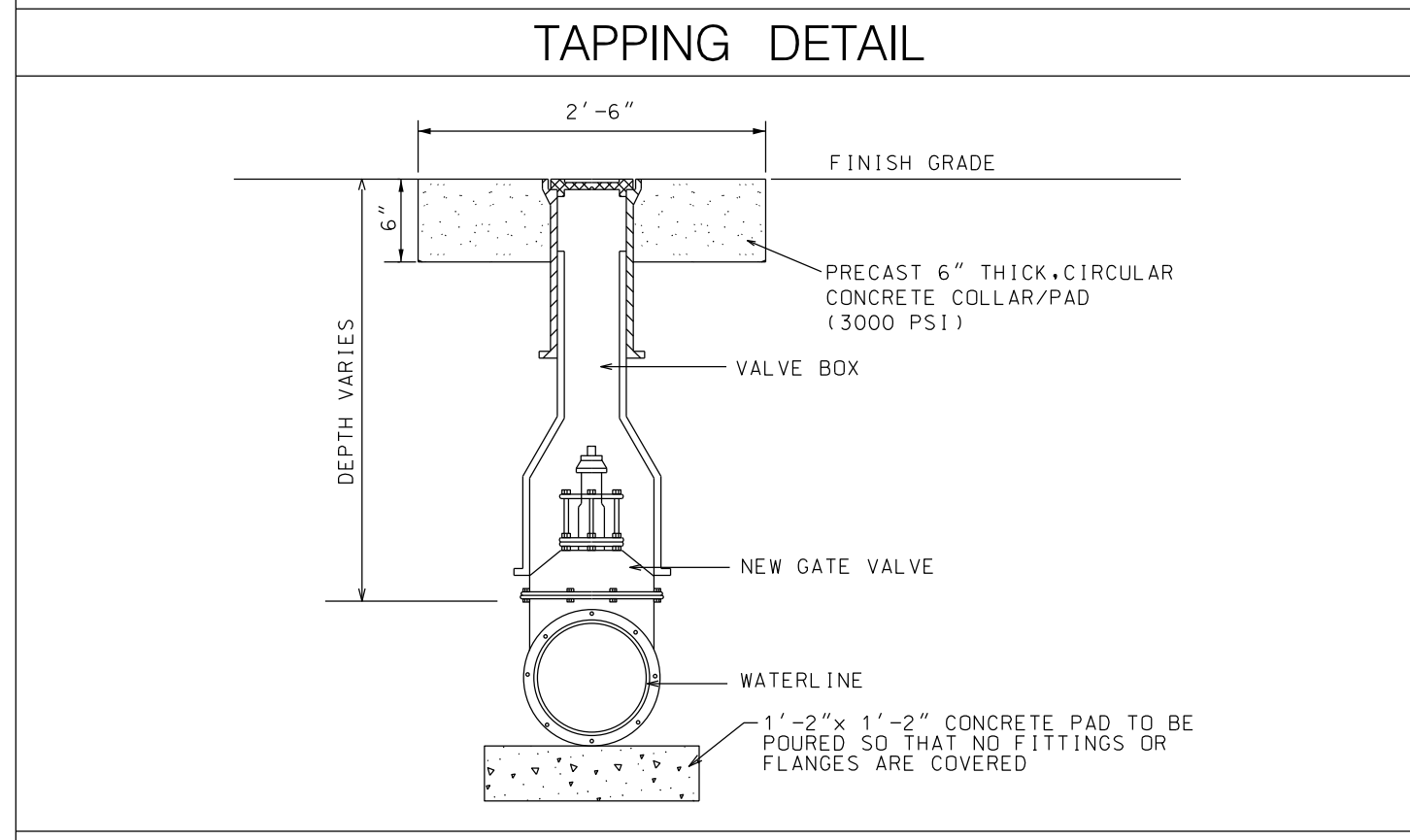
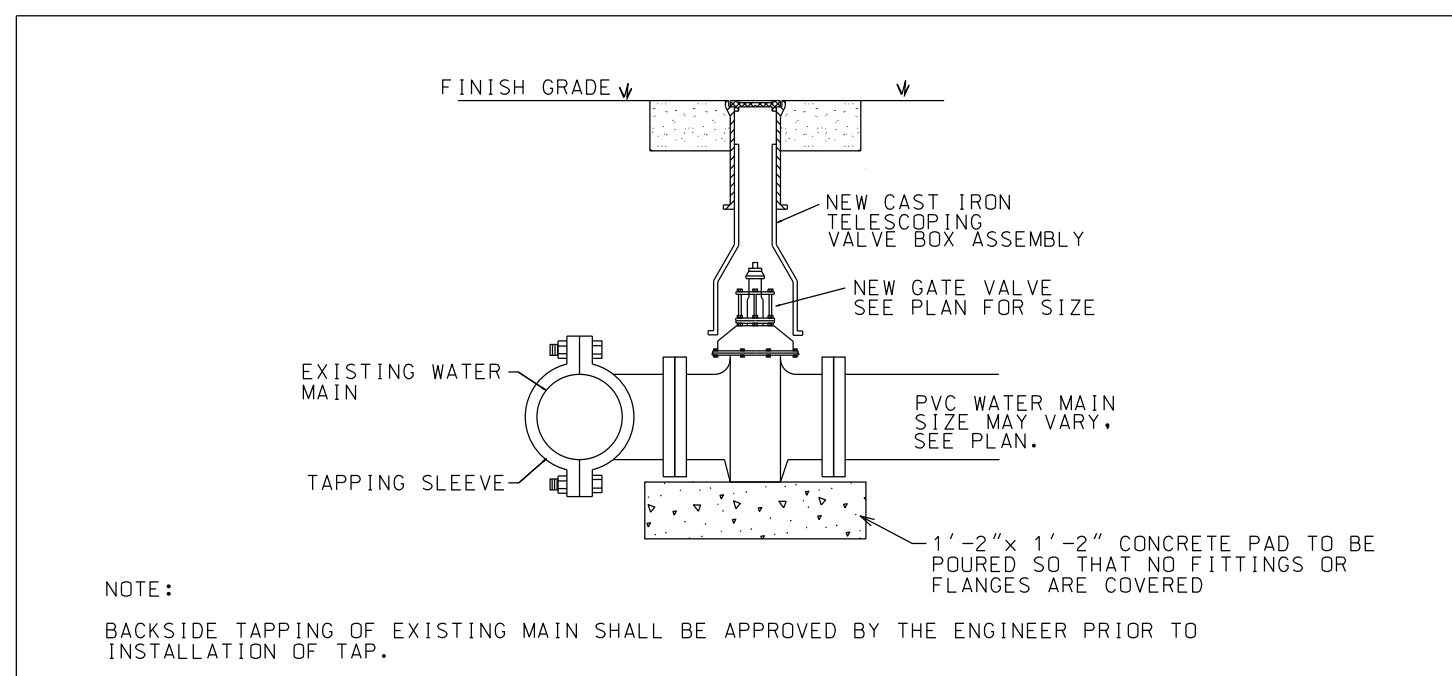
No.	Date	Revision
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New Additions to WEST CARTERET HIGH SCHOOL
 4700 Country Club Road, Morehead City, NC 28557
 Carteret County Schools / North Carolina

Project No.	
Date:	9 June 2022
Drawing no.	C 701



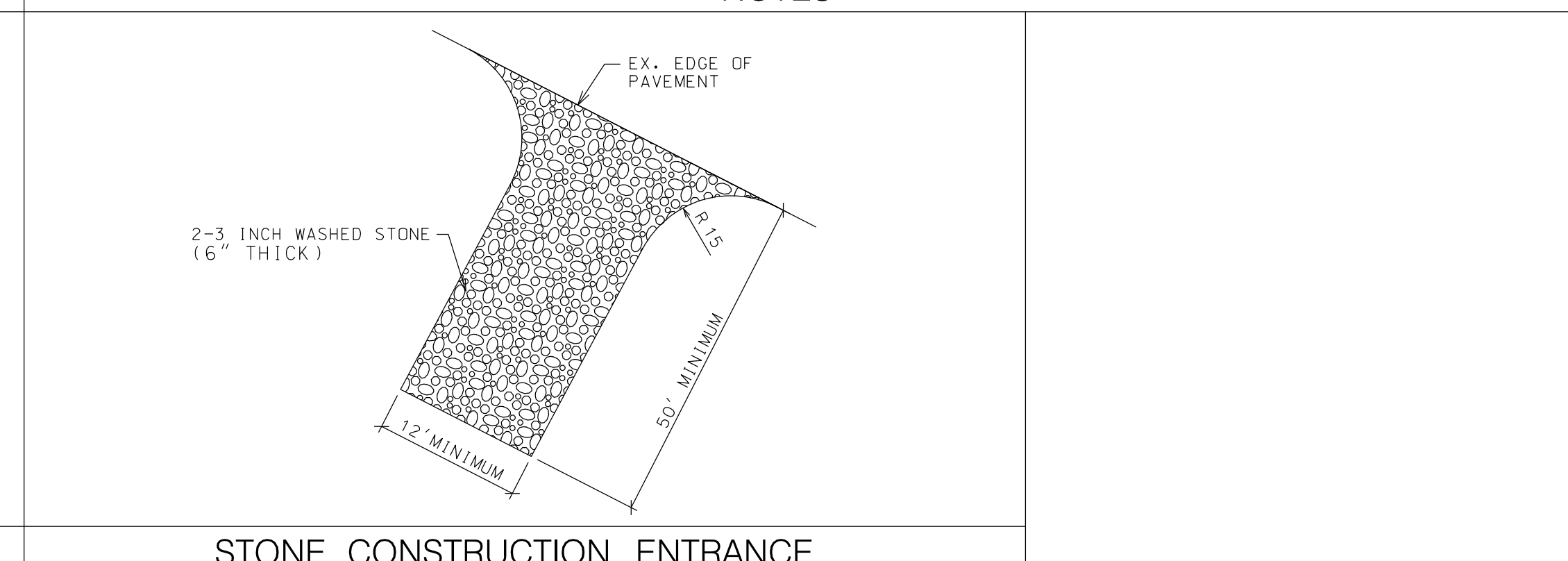
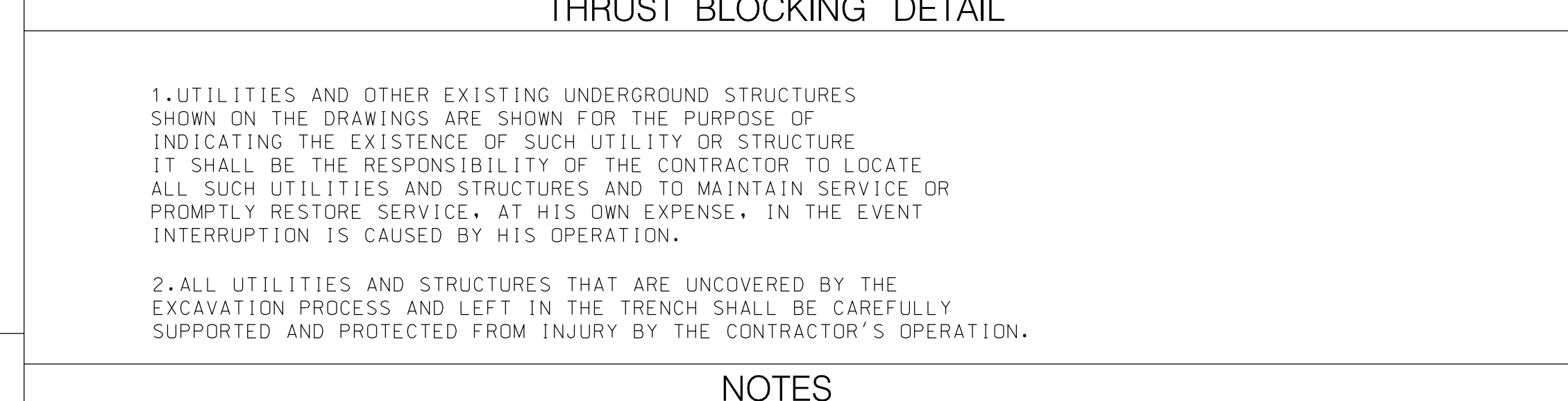
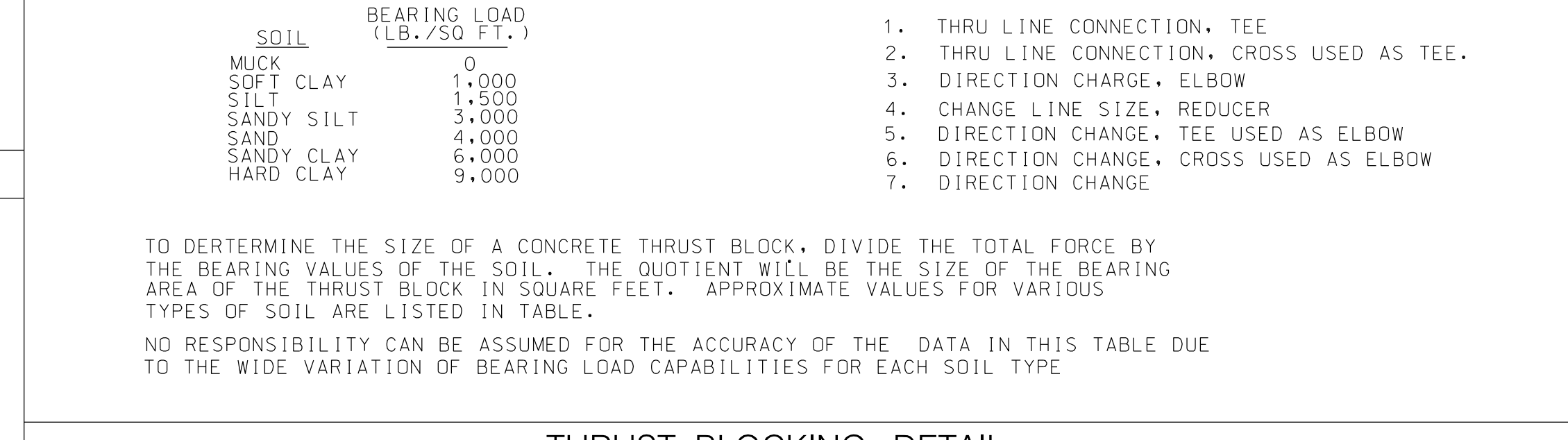
RESULTANT THRUST AT FITTING AT 150 P.S.I. WATER PRESSURE

NORMAL PIPE DIA.	TOTAL POUNDS				
	DEAD END	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
4"	2,700	3,800	2,100	1,100	530
6"	5,600	8,000	4,300	2,200	1,100
8"	9,700	13,600	7,400	3,600	1,900
10"	14,500	20,500	11,100	5,700	2,800
12"	20,500	29,000	15,700	8,000	4,000
14"	27,600	39,000	21,100	11,000	5,400
16"	35,700	50,400	27,300	14,000	7,000
18"	44,800	63,400	34,400	17,500	8,800
20"	55,000	77,800	42,100	21,500	10,800
24"	78,500	111,000	60,000	31,600	15,400
30"	120,800	170,600	98,300	47,100	23,600
36"	172,800	274,400	132,300	67,500	33,900
42"	233,300	330,000	178,600	91,000	45,700
48"	304,000	430,000	232,700	118,600	59,800
54"	384,100	543,200	294,000	149,000	75,300

SOIL BEARING LOAD (LB./SQ. FT.)

MUCK	0
SOFT CLAY	1,000
SILT	2,000
SANDY SILT	3,000
SAND	4,000
SANDY CLAY	6,000
HARD CLAY	9,000

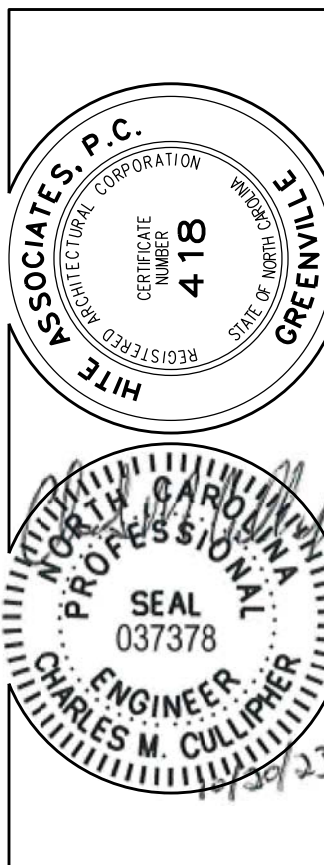
TYPES OF THRUST BLOCKING



Revision

No.	Date	Description
1	4/18/23	Project Phasing Revisions
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New Additions to
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4700 Country Club Road, Morehead City, NC 28557
Carteret County Schools / North Carolina

Project No.
Date: 9 June 2022
Drawing No.

800

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
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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

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

EQUIPMENT AND VEHICLE MAINTENANCE

- Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
- Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- 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

- Never bury or burn waste. Place litter and debris in approved waste containers.
- Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- 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.
- Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- Anchor all lightweight items in waste containers during times of high winds.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

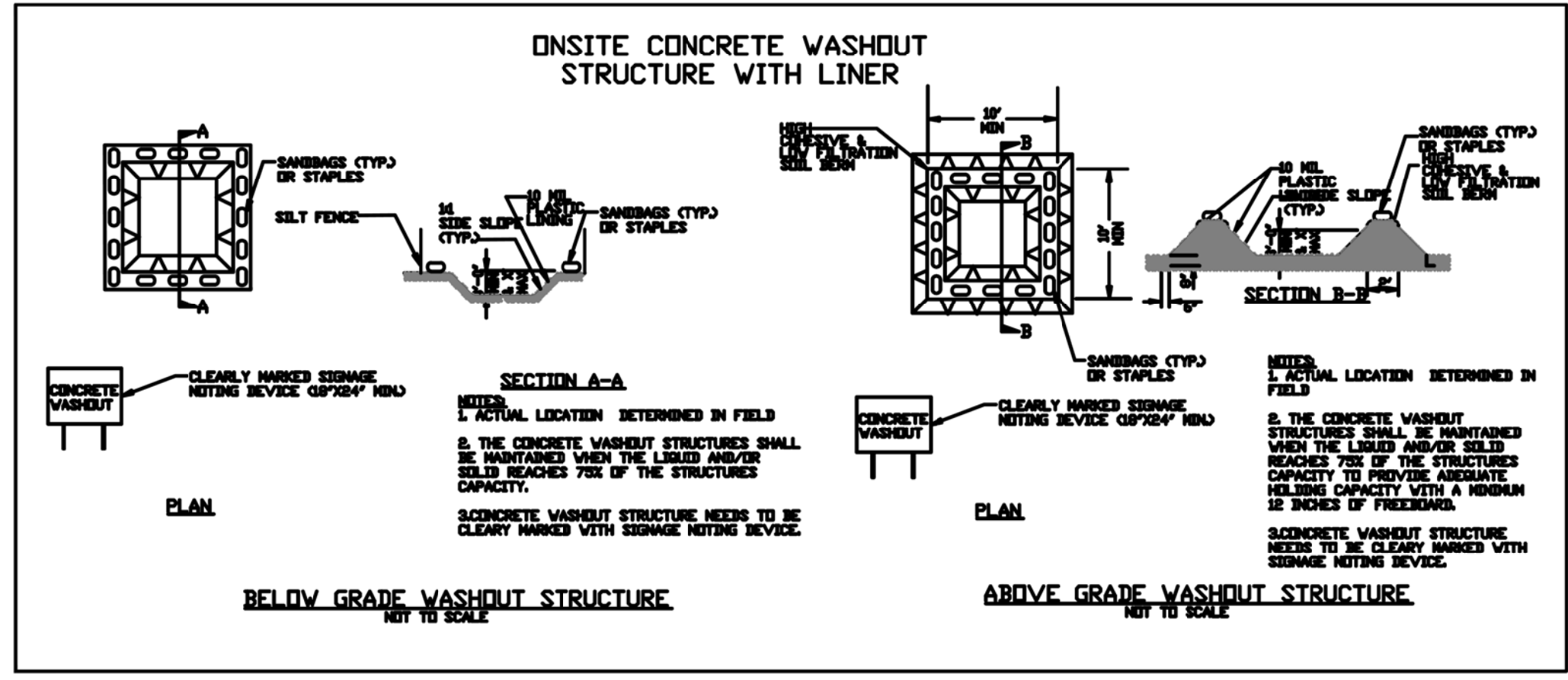
- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled,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

PORTABLE TOILETS

- 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.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- 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

- 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.
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Provide stable stone access point when feasible.
- 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

- Do not discharge concrete or cement slurry from the site.
- Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- 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.
- 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.
- Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

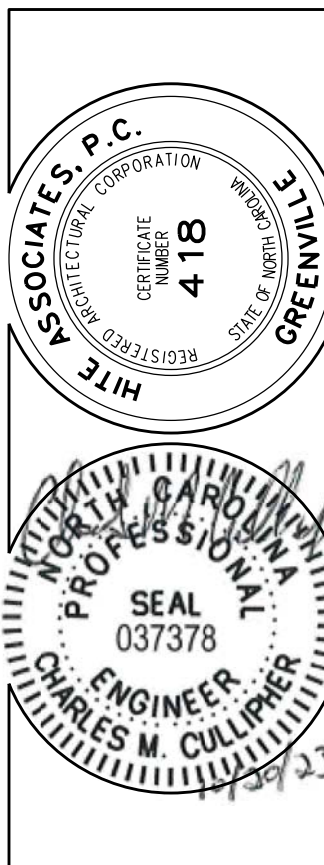
- Create designated hazardous waste collection areas on-site.
- Place hazardous waste containers under cover or in secondary containment.
- Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

No.	Date	Revision
1	4/18/23	Project Phasing Revisions
2	9/29/23	Fire Road Revisions
3	10/9/23	Add All Revisions
4	10/26/23	Revisions per Hite and Associates

Hite associates
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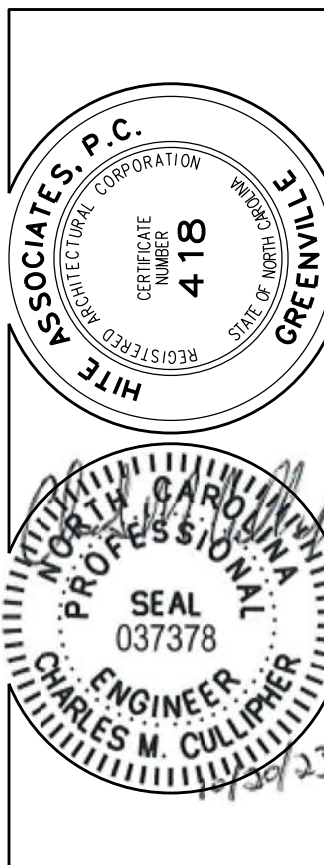


New Additions to
WEST CARTERET HIGH SCHOOL
4700 Country Club Road, Morehead City, NC 28557
Carteret County Schools / North Carolina

Project No.	
Date:	9 June 2022
Drawing no.	900

No.	Date	Revision
1	4/18/23	Project Phasing Revisions
2	4/24/23	Fire Road Revisions
3	10/9/23	Add All Revisions
4	10/26/23	Revisions per Hite and Associates

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



New Additions to
WEST CARTERET HIGH SCHOOL
 4700 Country Club Road, Morehead City, NC 28557
 Carteret County Schools / North Carolina

Project No.	
Date:	9 June 2022
Drawing no.	1000.0

**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 unattended 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 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 documented in the manner described:

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
 In addition to the E&SC Plan documents above, the following items shall be kept on the site and available for agency 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 30 days. 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.

(c) All data used to complete the Notice of Intent and older inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

**PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING**

SECTION C: REPORTING
1. Occurrences that must be reported
 Permittees shall report the following occurrences:

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

(b) Oil spills if:

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

(a) 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.

(b) Anticipated bypasses and unanticipated bypasses.

(c) 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 Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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)]	<ul style="list-style-type: none"> 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)]	<ul style="list-style-type: none"> 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)]	<ul style="list-style-type: none"> 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

GENERAL NOTES:

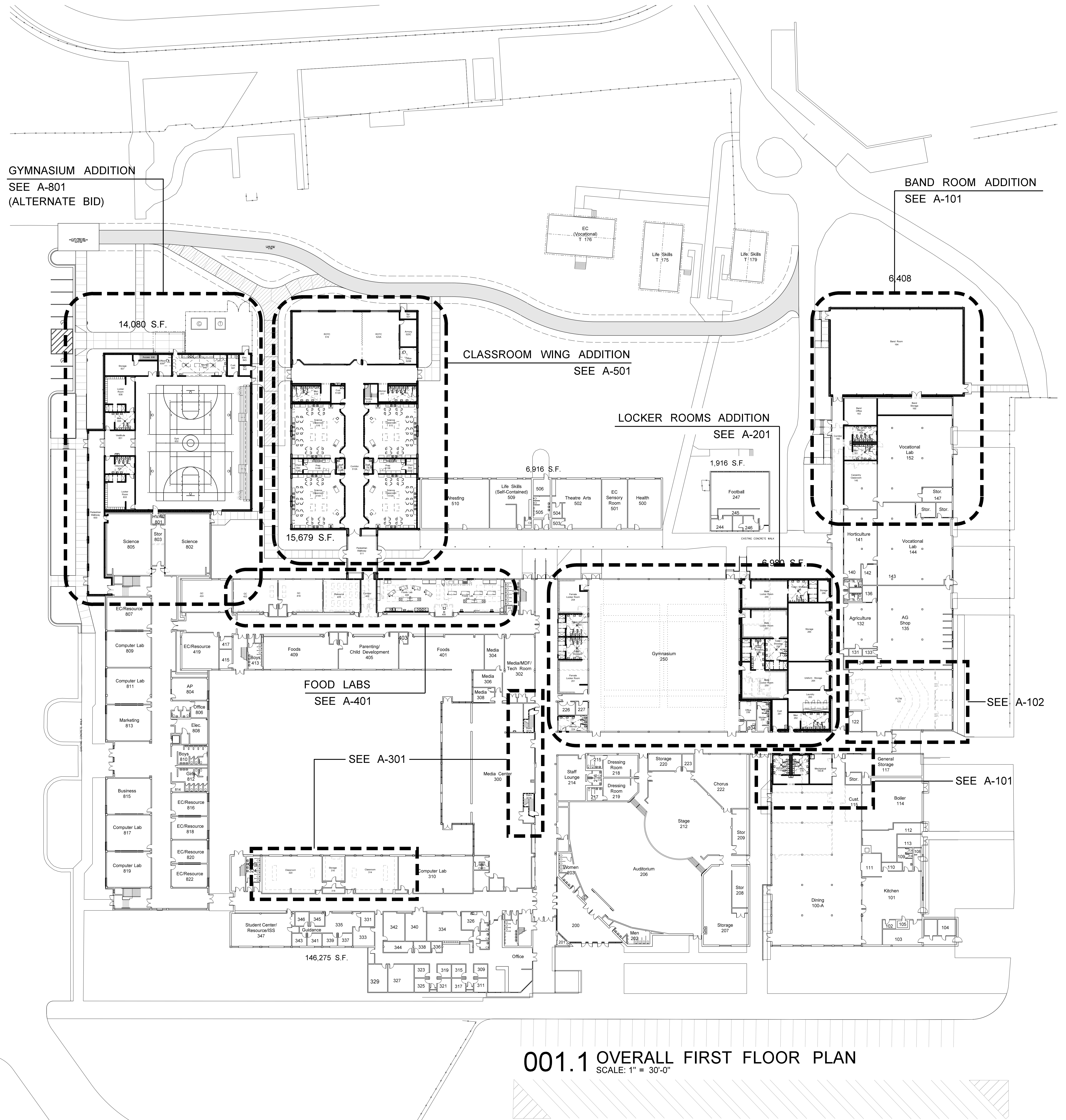
- (1) CMU WALLS WHERE INDICATED SHALL BE RUN SOLID TO BOTTOM OF DECK, GROUTED SOLID TO DECK. ALL OTHER CMU WALLS UNLESS OTHERWISE NOTED, SHALL BE RUN TO FULL BLOCK COURSE ABOVE CEILING. UNBRACED SECTIONS OF LESS-THAN-FULL-HEIGHT WALLS SHALL BE BRACED TO ROOF. SEE STRUCTURAL DRAWINGS.
- (2) CMU WALL INTERSECTIONS 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 WALLS; BOTH SIDES IN OPENINGS WITH WIDTH EXCEEDING 5'-0"; SEE DETAIL.
- (4) PROVIDE WALL EXPANSION JOINTS AT POINTS AND INTERSECTIONS WHERE INDICATED, 1/2" WIDE, FILLED WITH EXPANSION JOINT MATERIAL AND CAULK, WITH BACKER ROD EACH EXPOSED SIDE.
- (5) ALL 90° OUTSIDE CMU CORNERS SHALL BE BULLNOSE EDGE.
- (6) ALL 45° CMU WALL BENDS SHALL BE CONSTRUCTED WITH SPECIAL PRECAST UNITS.
- (7) INTERIOR CMU JOINTS SHALL BE TOOLED CONCAVE, CONTINUOUS THROUGH JOINT INTERSECTIONS.
- (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 3/8" DIAMETER. PAINTER SHALL CAULK SIMILAR DEFECTS LARGER THAN 1/4" 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) STEEL DOOR AND WINDOW FRAMES SHALL BE PAINTED SAME COLOR AS ADJACENT WALLS.
- (11) PROVIDE EXTERIOR CONCRETE WALKS AND CONCRETED AREAS WITH EXPANSION AND SCORED JOINTS IN PRE-APPROVED LOCATIONS. EXPANSION JOINTS SHALL BE 1/2" WIDE WITH EDGES TOOLED TO 1/4" RAD, AND FILLED WITH SPECIFIED 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 RADIUS 1/4", AND SHALL BE PLACED AT INTERVALS NOT TO EXCEED 5 FEET.
- (12) 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.



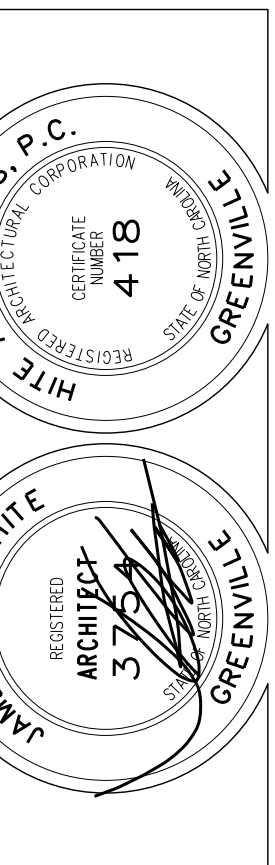
001.2 OVERALL SECOND FLOOR PLAN
SCALE: 1" = 30'-0"



001.1 OVERALL FIRST FLOOR PLAN
SCALE: 1" = 30'-0"

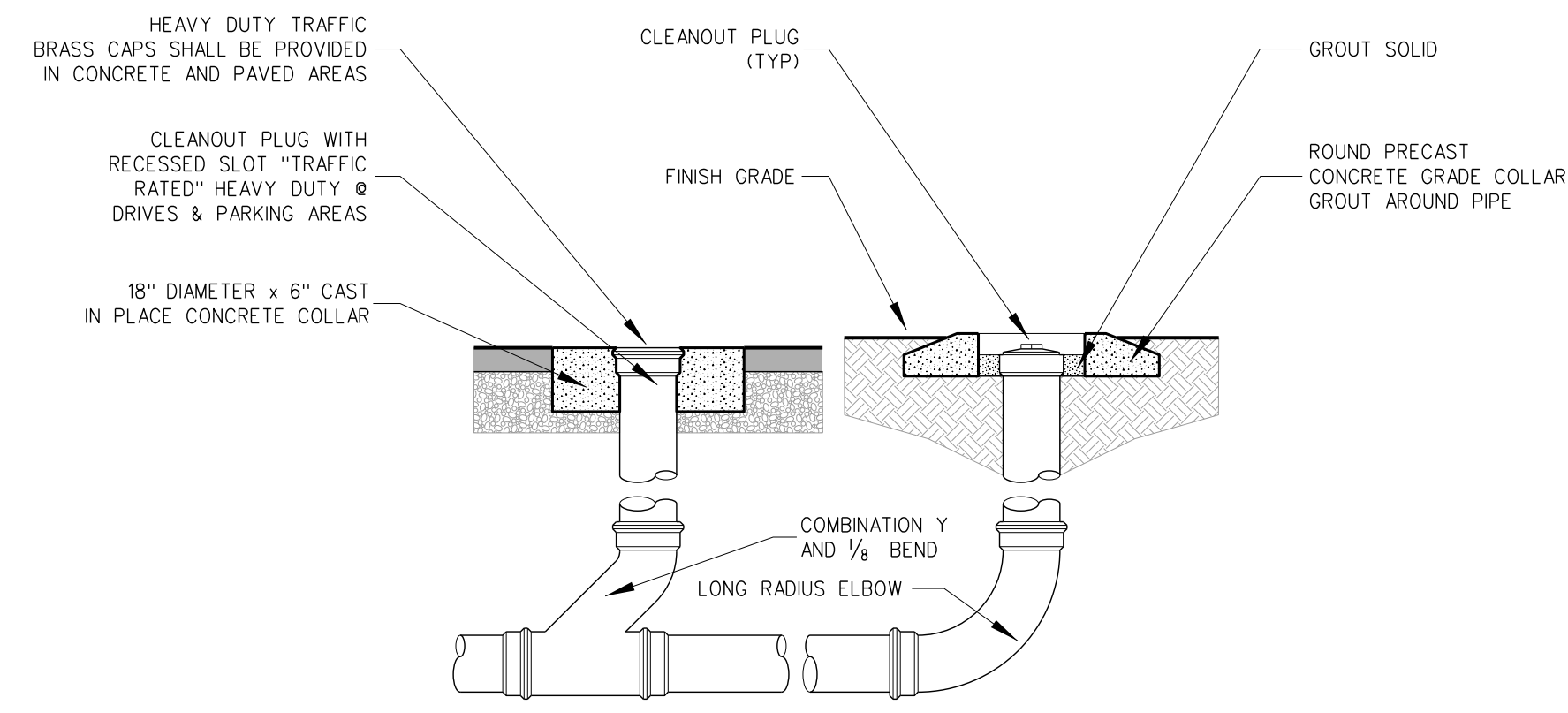
No.	Date	Revision

Hite associates
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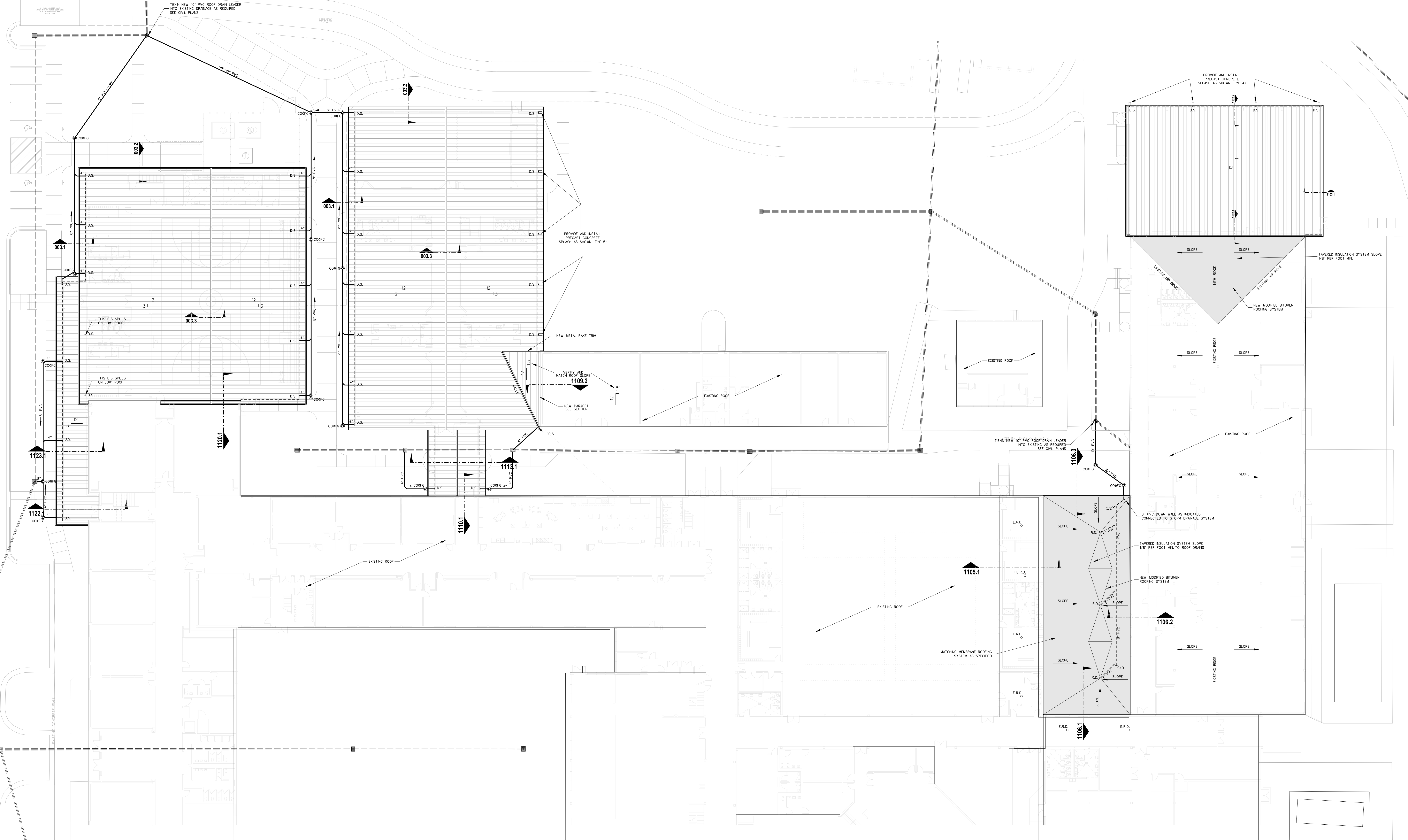
New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No.	22112
Date:	18 August 2022
Drawing no.	A 001



- 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 UNDER ALL METAL ROOFING AS SPECIFIED
 - 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 PLUMBING AND CIVIL DWGS.
 - 7) COORDINATE CONDENSATE PIPING CONNECTIONS TO STORM DRAINAGE; REFER TO HVAC DRAWINGS.
 - 8) GENERAL CONTRACTOR 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)

002.2 CLEAN OUT DETAIL
SCALE: NTS



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

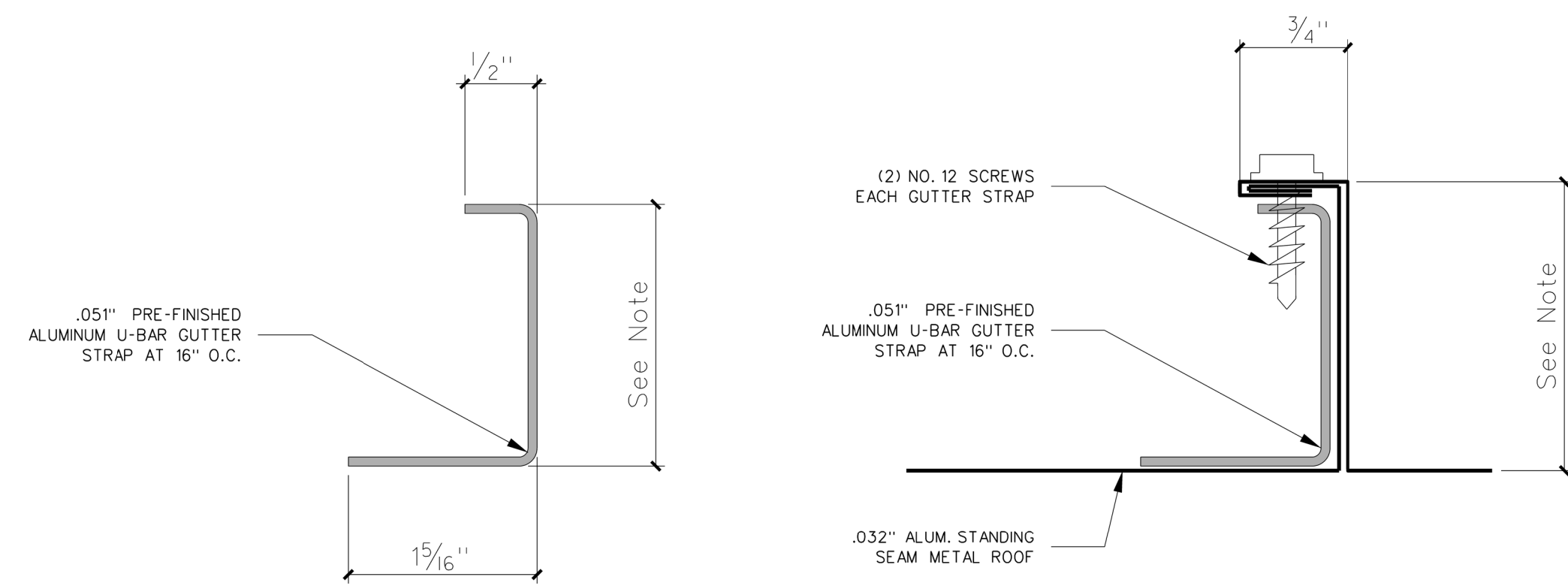
No.	Date	Revision

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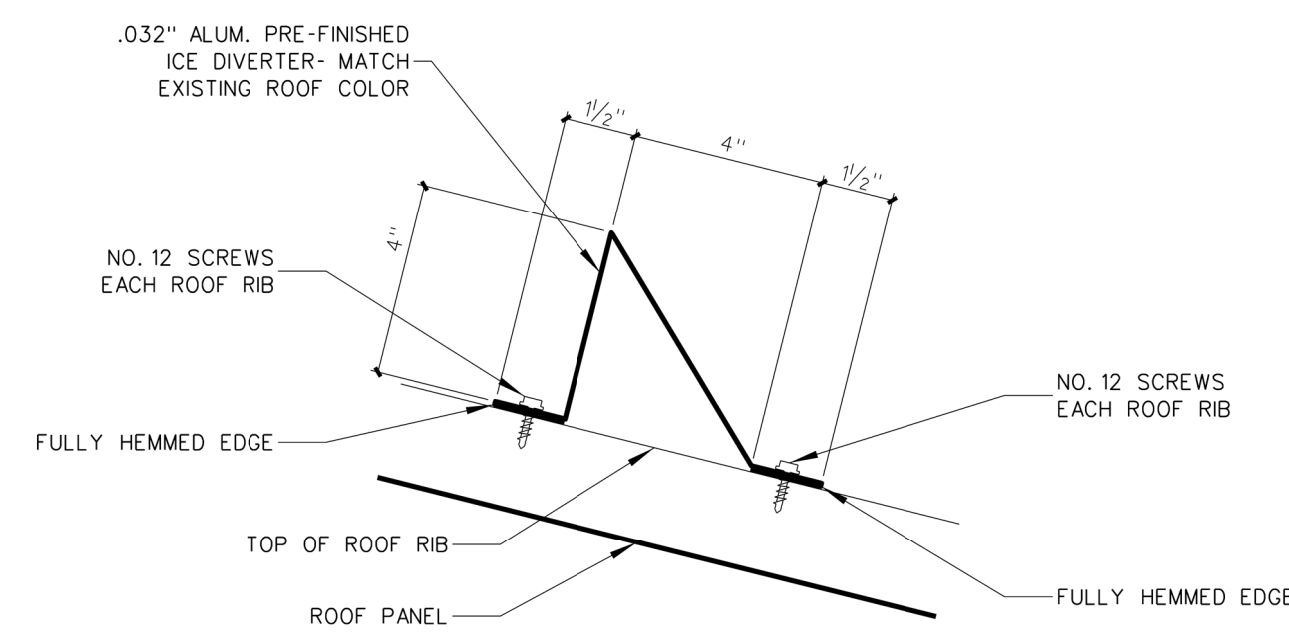
New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No: 22112
Date: 18 August 2022
Drawing no: **A 002**

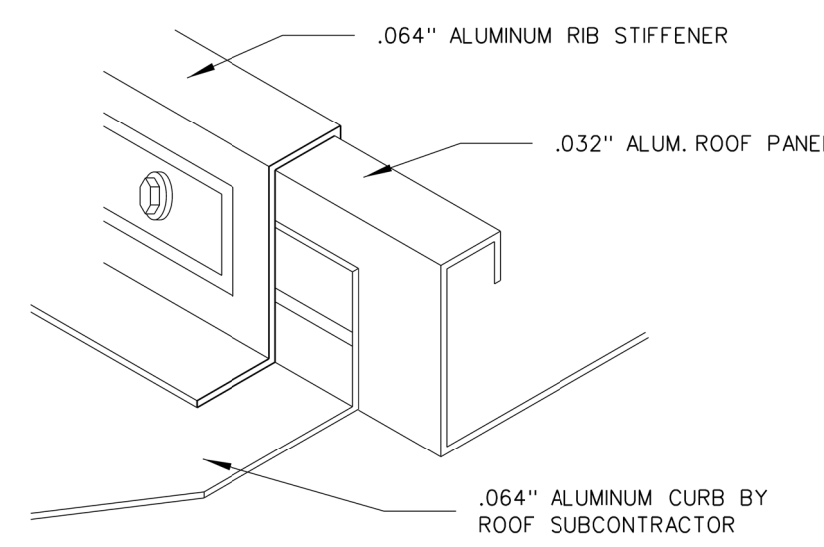


Note: Dimension based on roofing manufacturer provided.

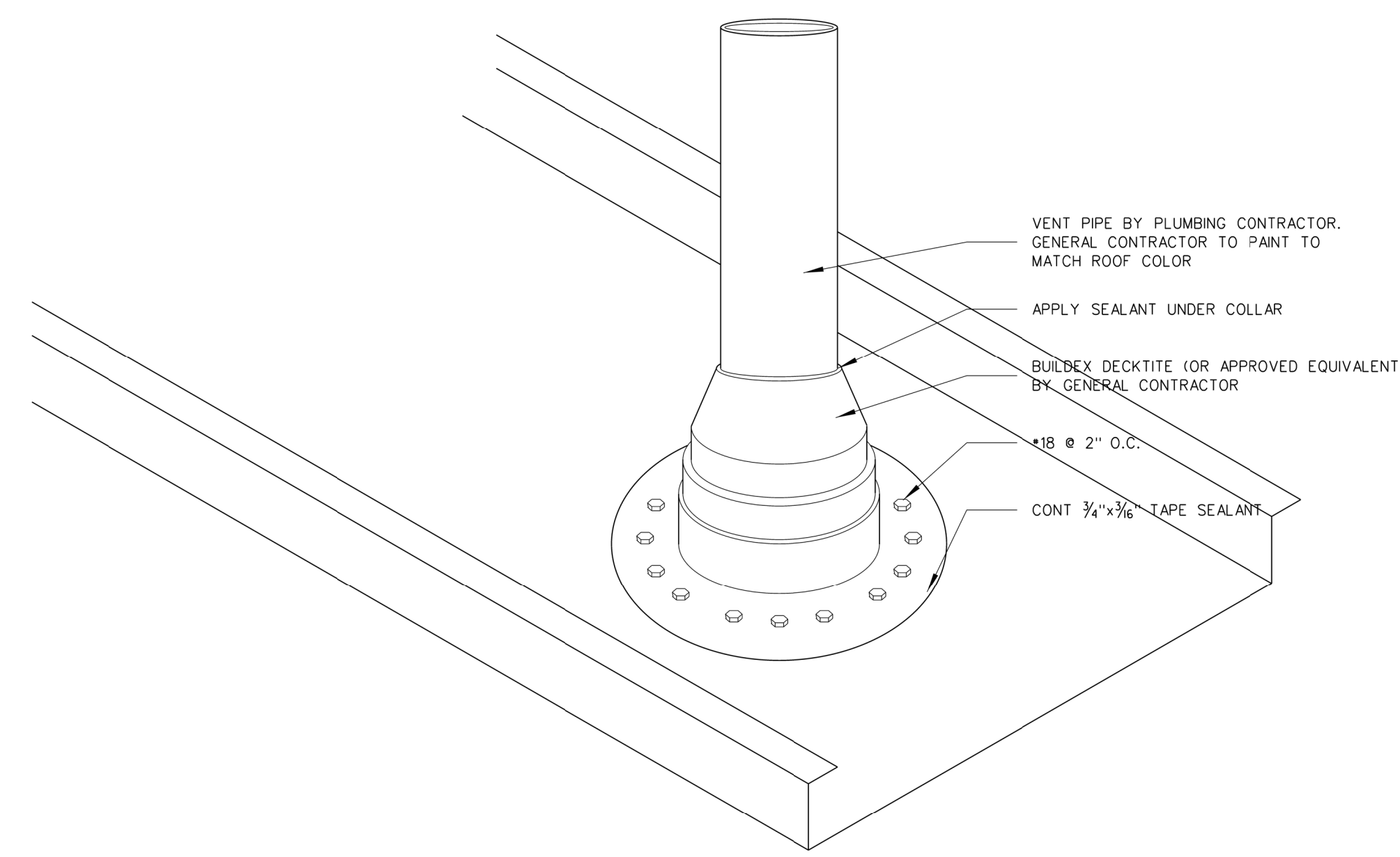
003.12 ROOF GUTTER STRAP DETAIL
SCALE: FULL



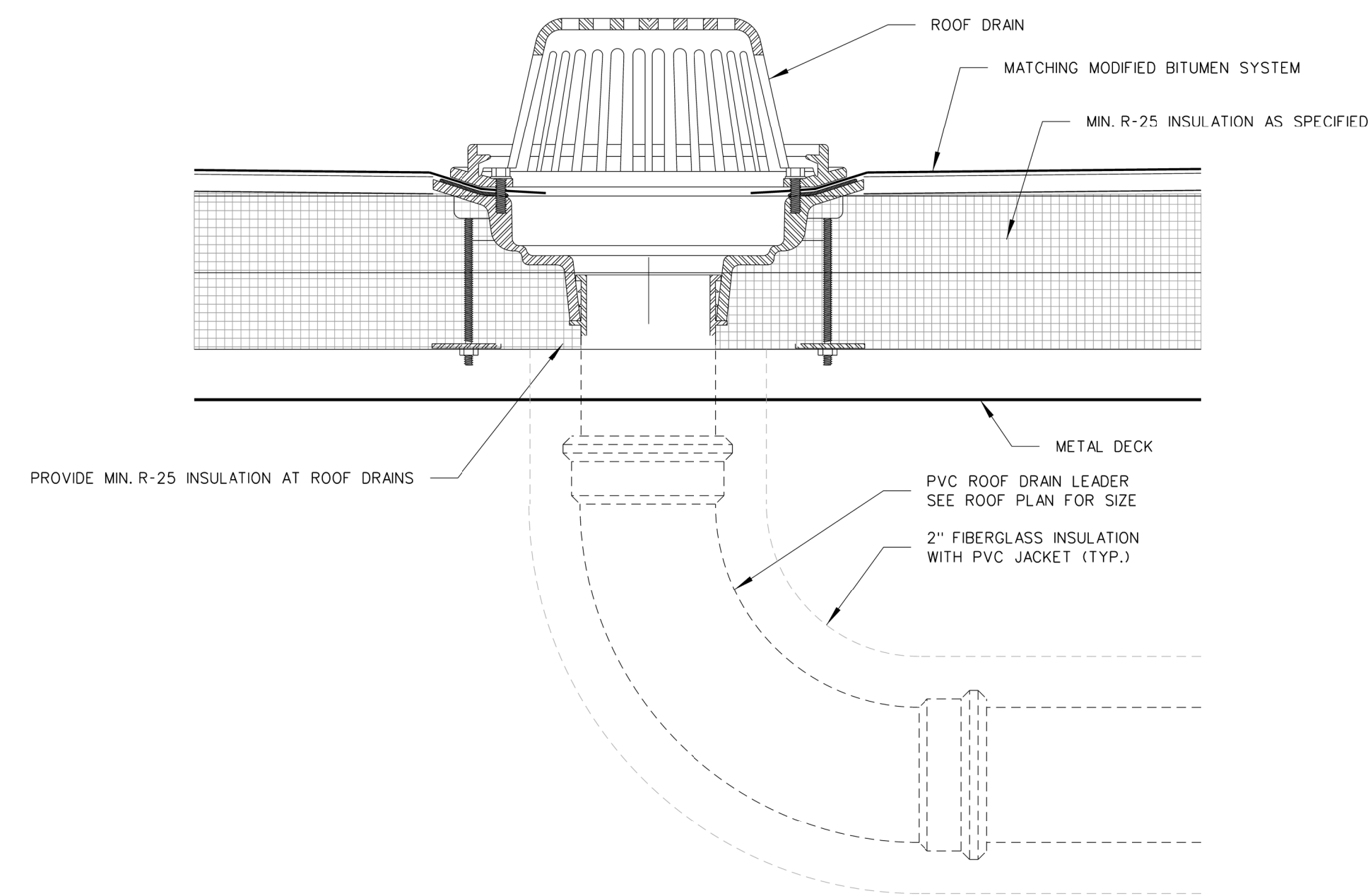
003.11 SNOW AND ICE GUARD DETAIL
SCALE: 3" = 1'-0"



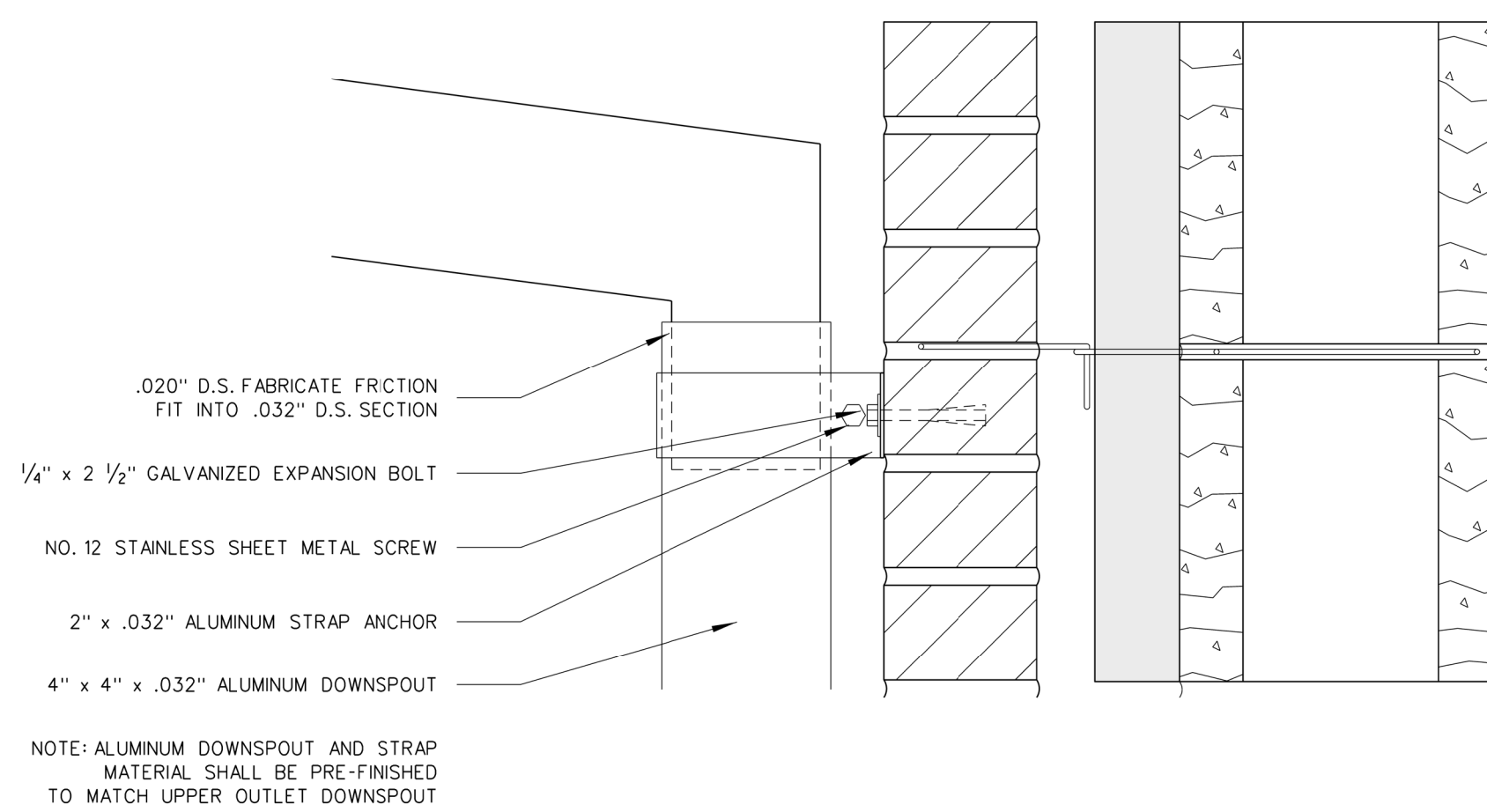
003.10 CURB FLASHING DETAIL
SCALE: NONE



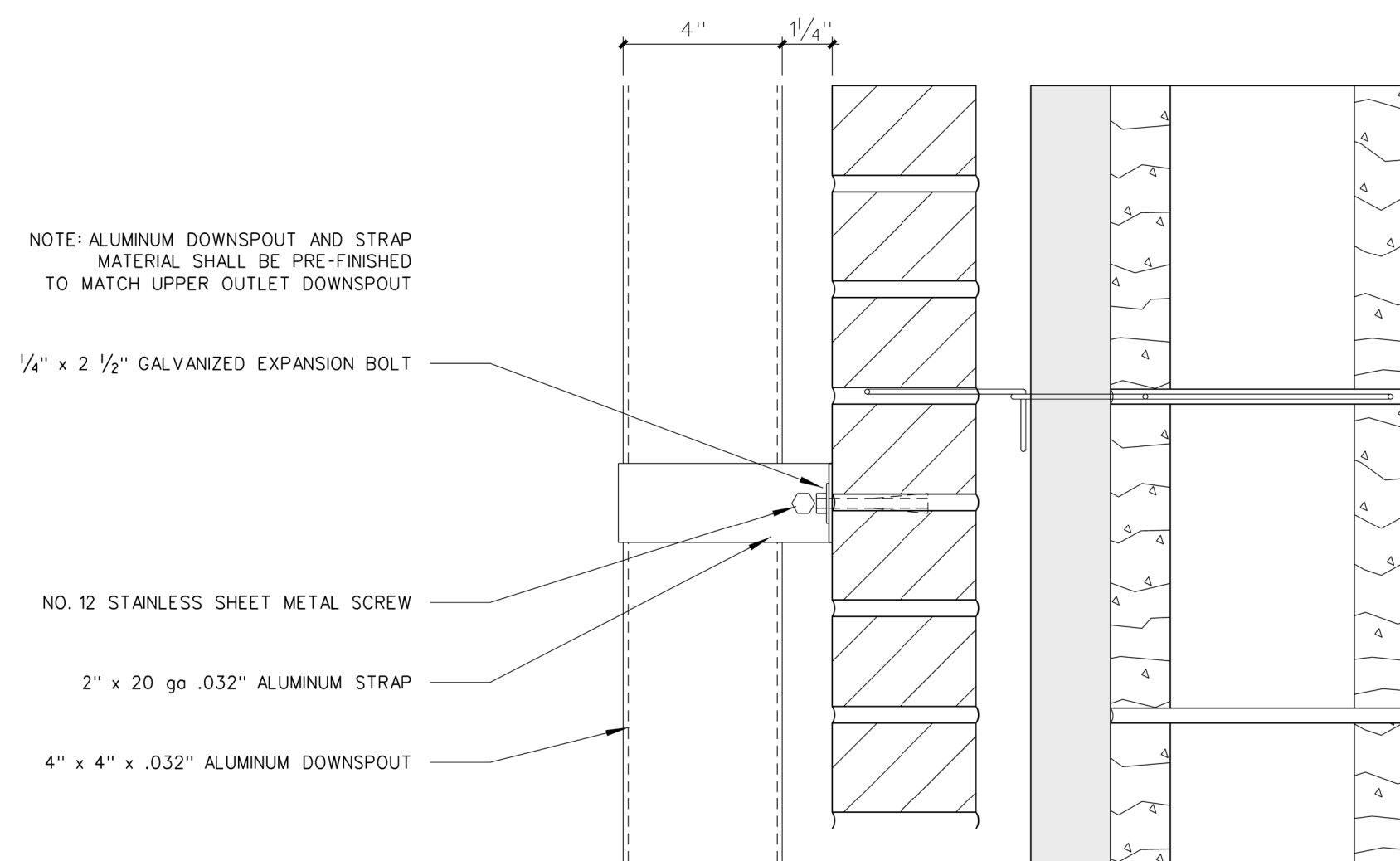
003.9 PIPE FLASHING DETAIL
SCALE: 3" = 1'-0"



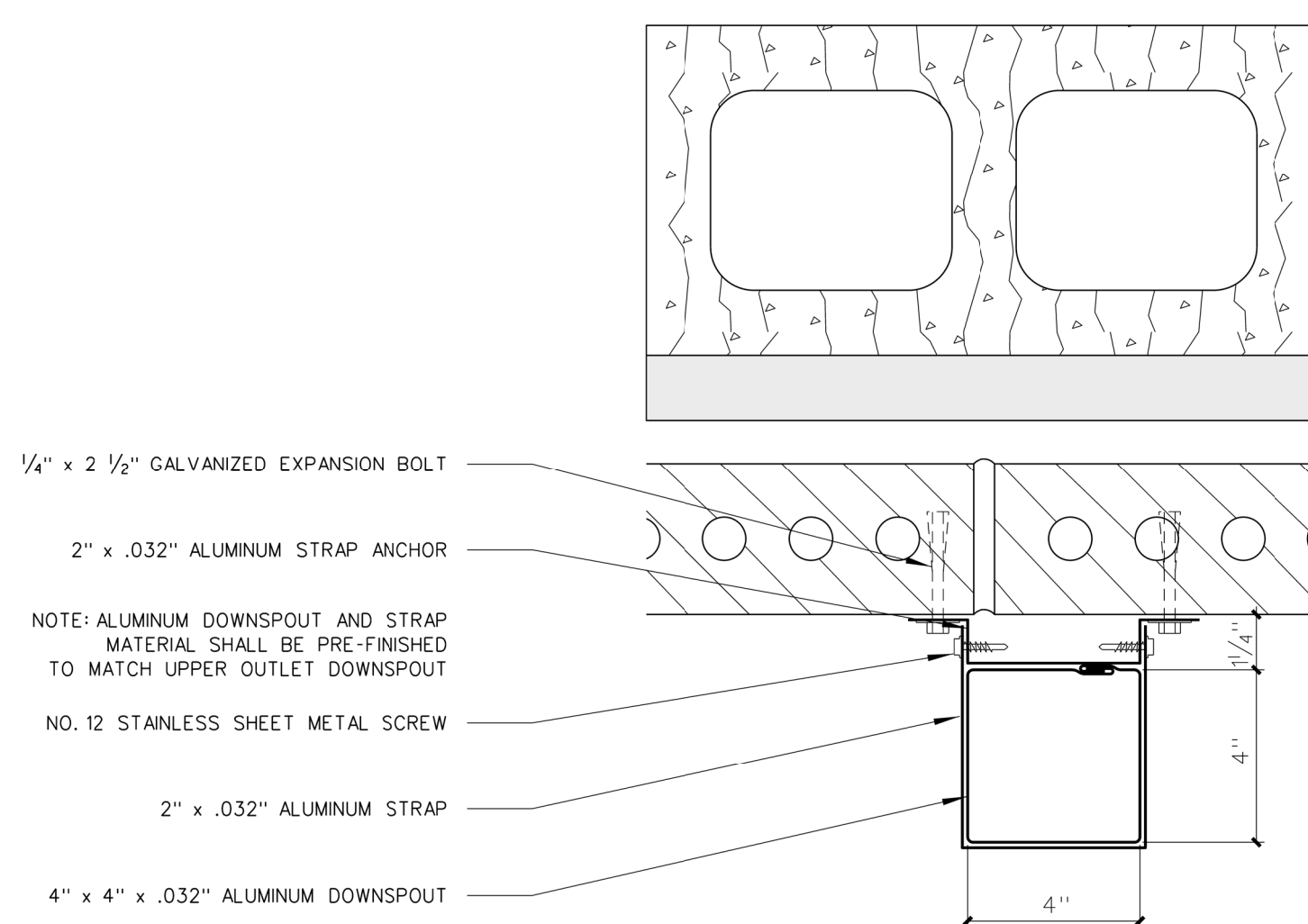
003.8 ROOF DRAIN DETAIL
SCALE: 3" = 1'-0"



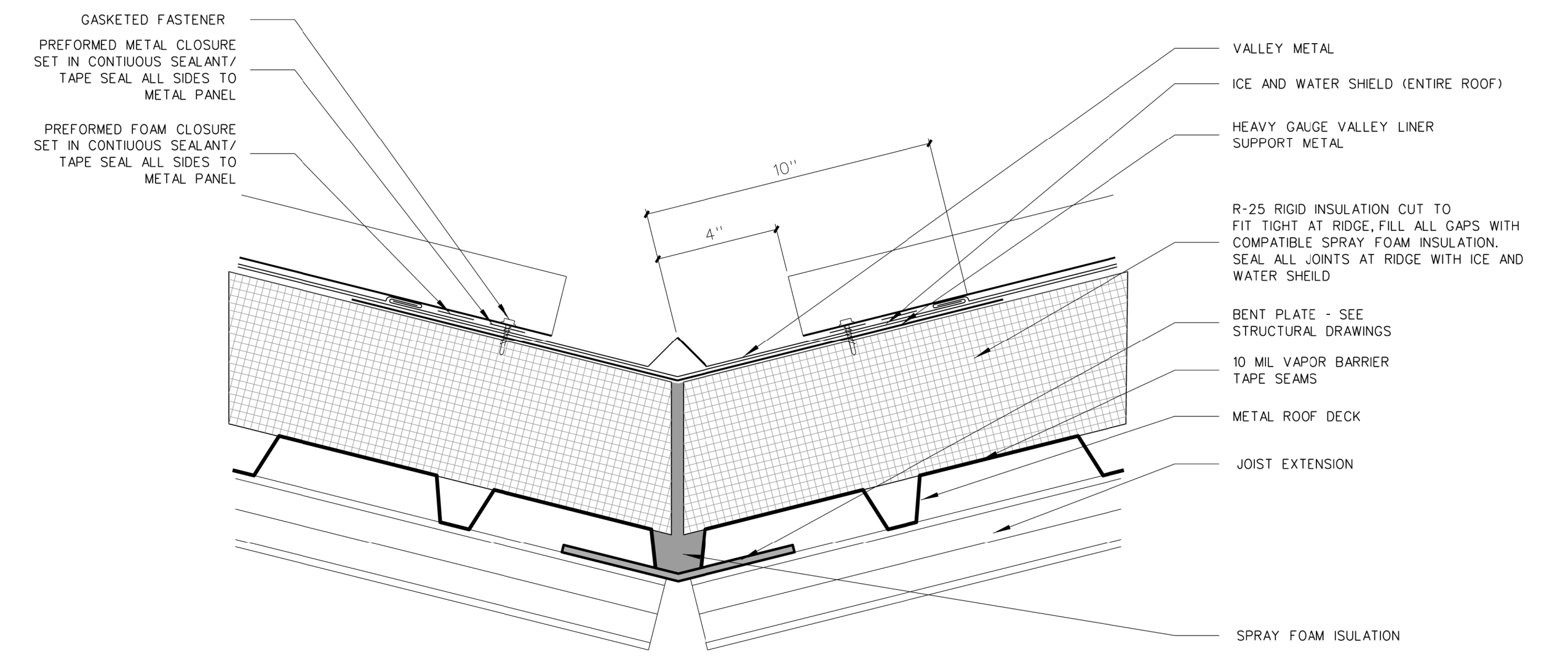
003.7 DETAIL - DOWNSPOUT @ BRICK
SCALE: 3" = 1'-0"



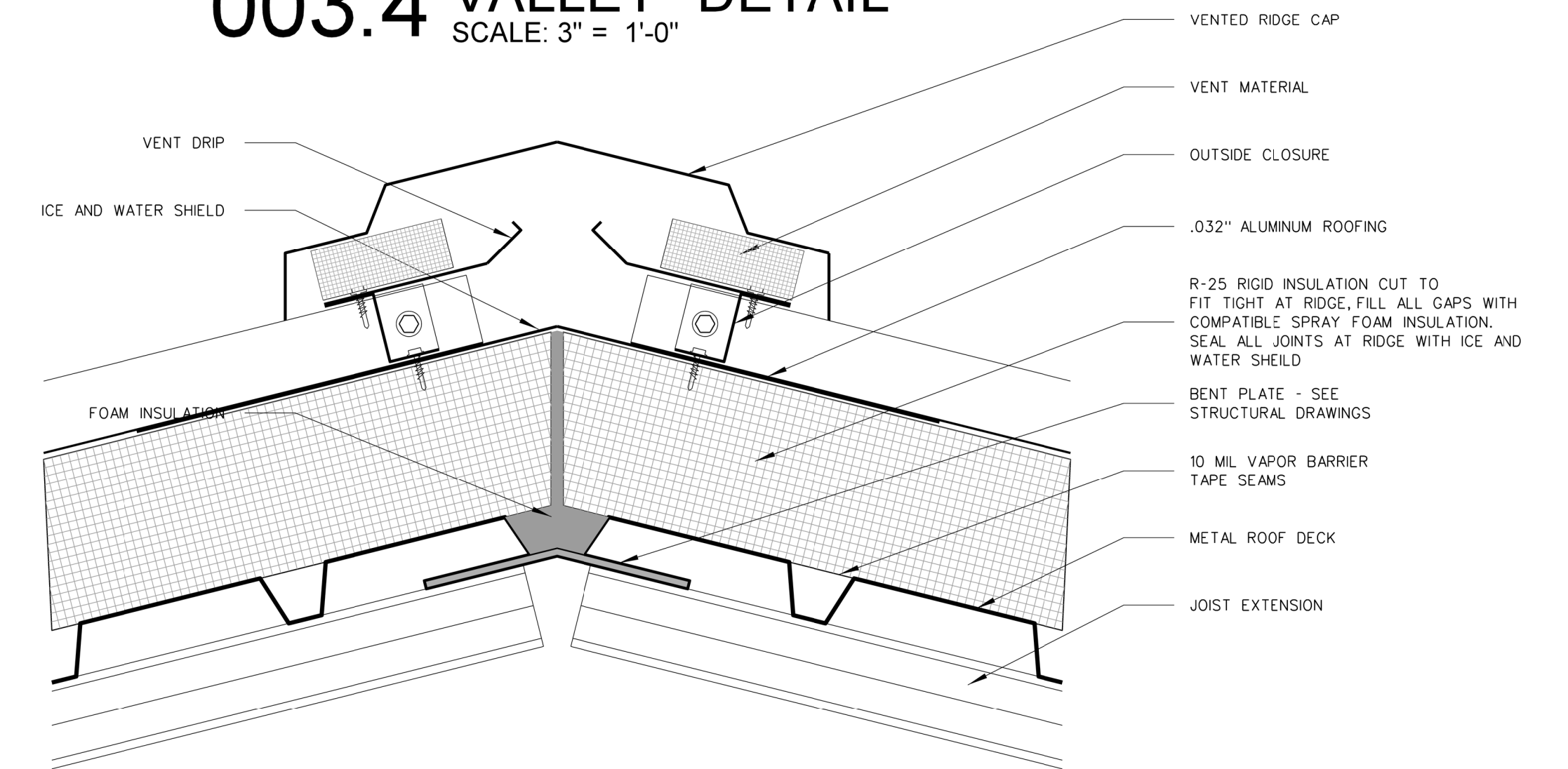
003.6 DETAIL - DOWNSPOUT @ BRICK
SCALE: 3" = 1'-0"



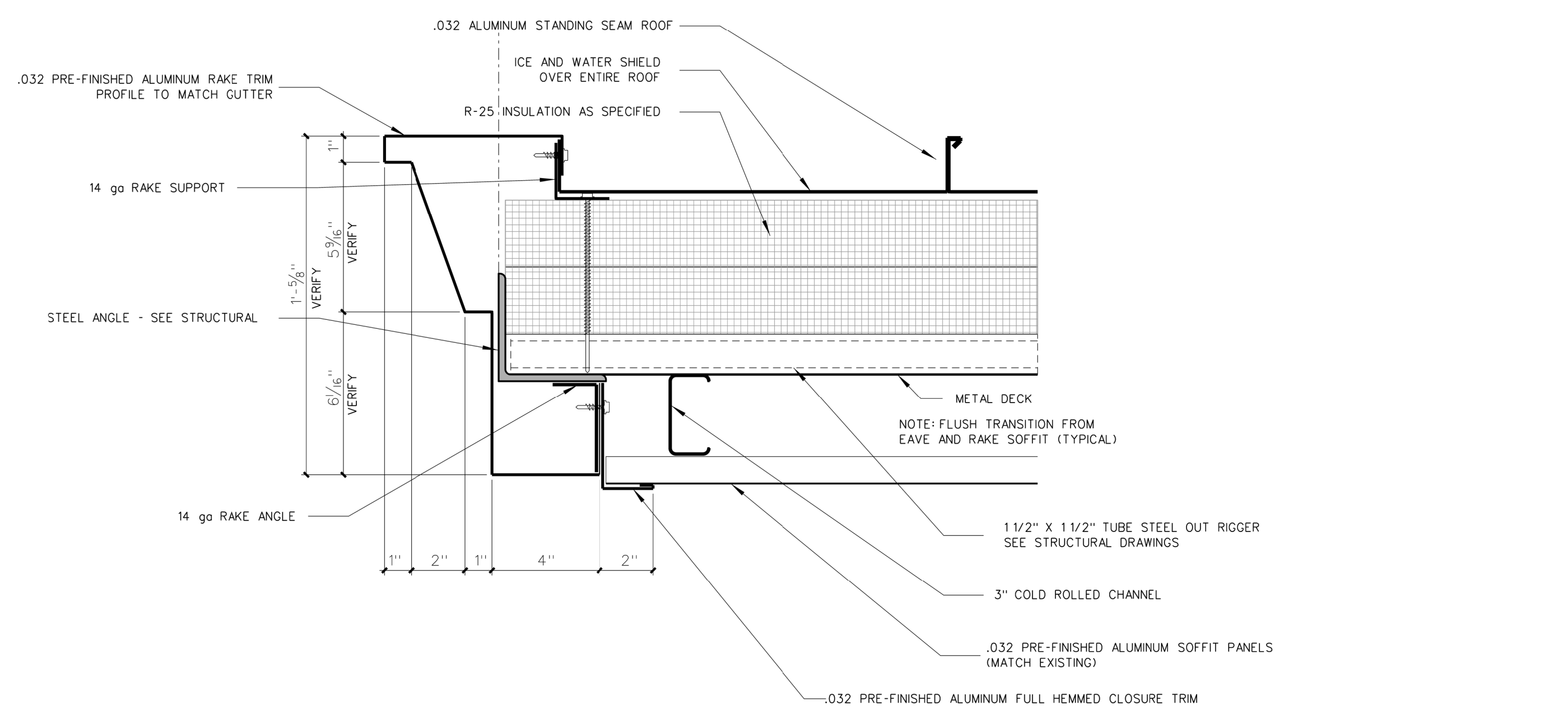
003.5 PLAN DETAIL - DOWNSPOUT @ BRICK
SCALE: 3" = 1'-0"



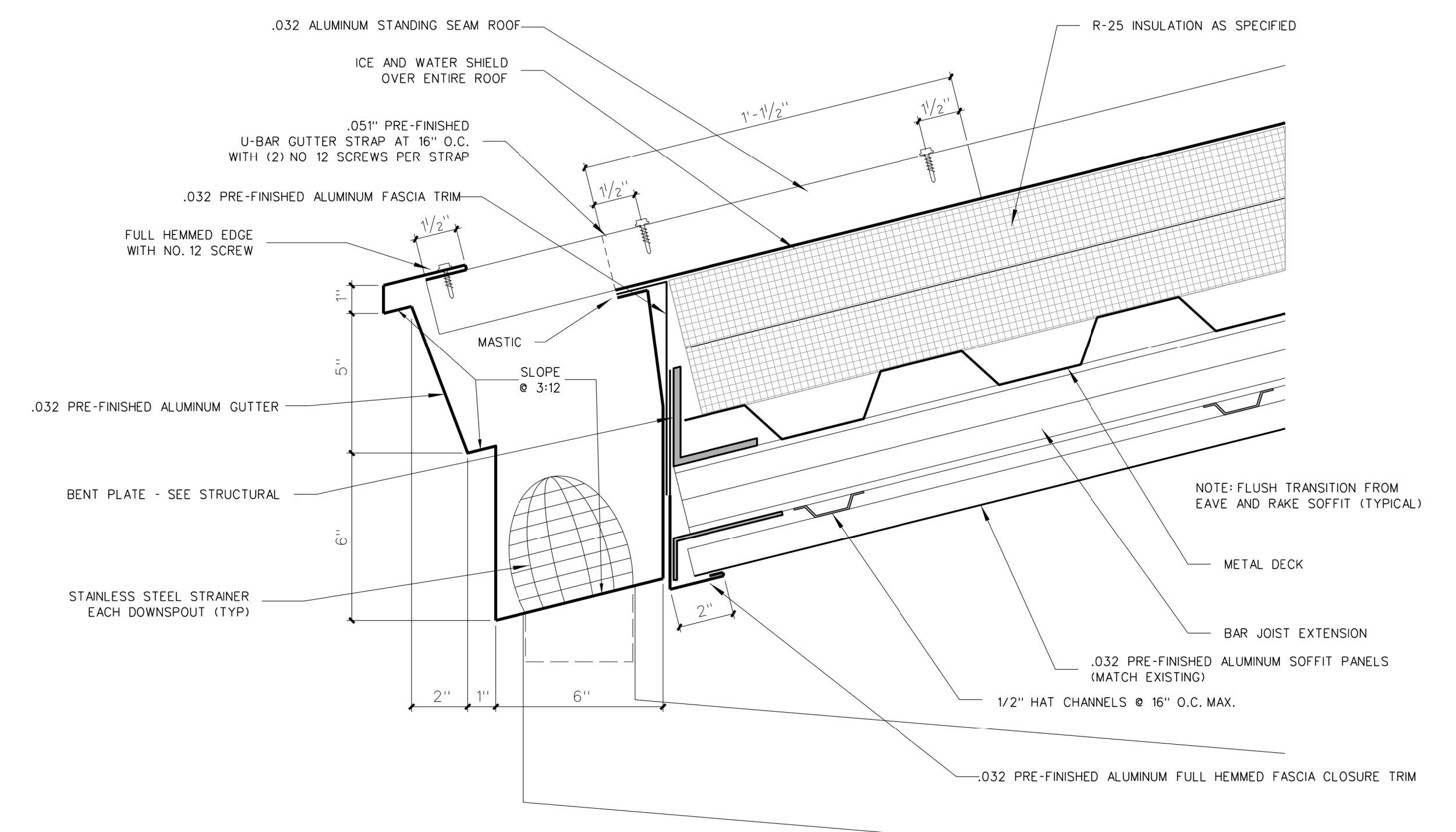
003.4 VALLEY DETAIL
SCALE: 3" = 1'-0"



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



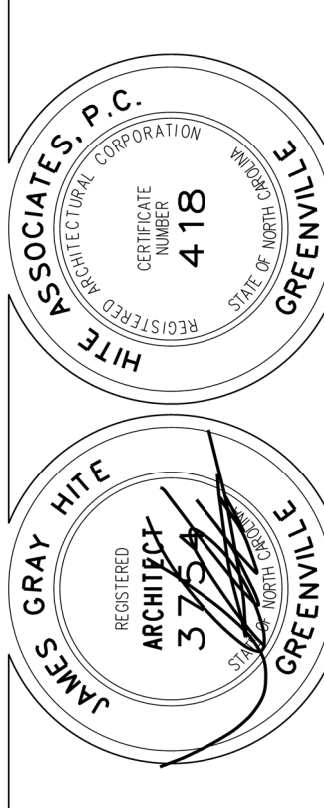
003.2 RAKE DETAIL
SCALE: 3" = 1'-0"



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

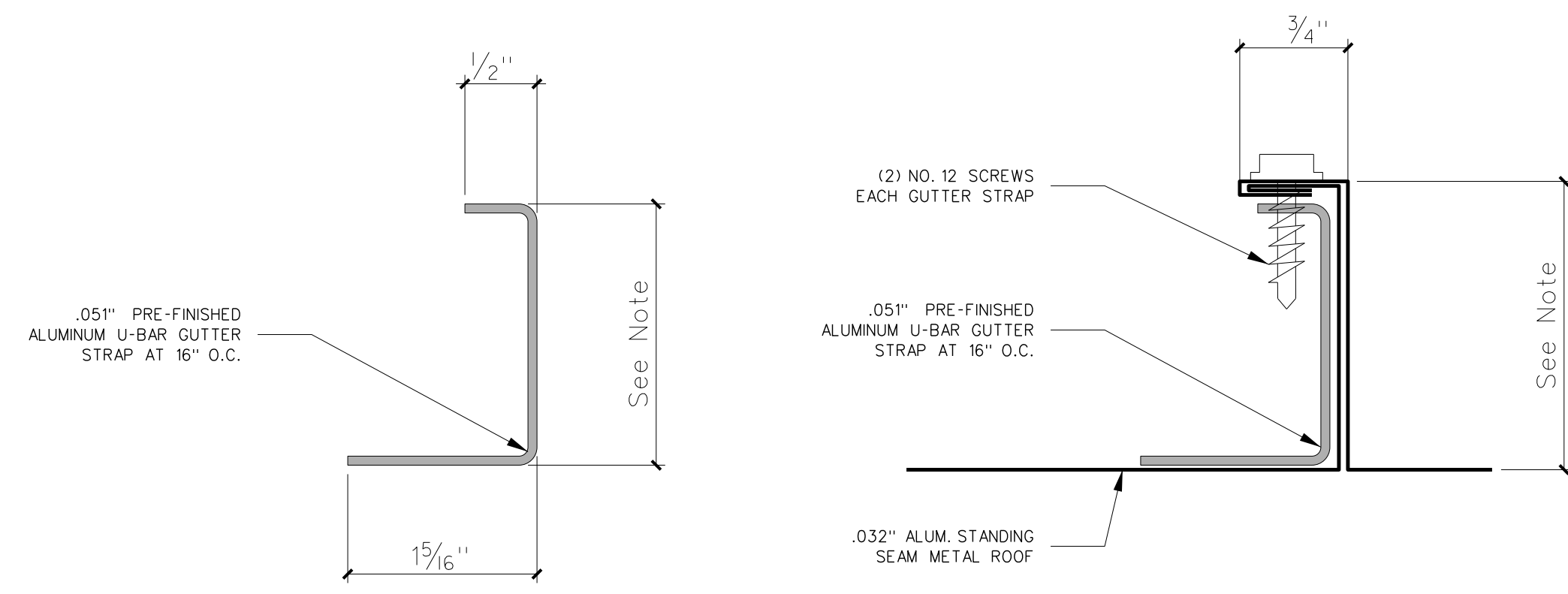
Revision	Date	No.

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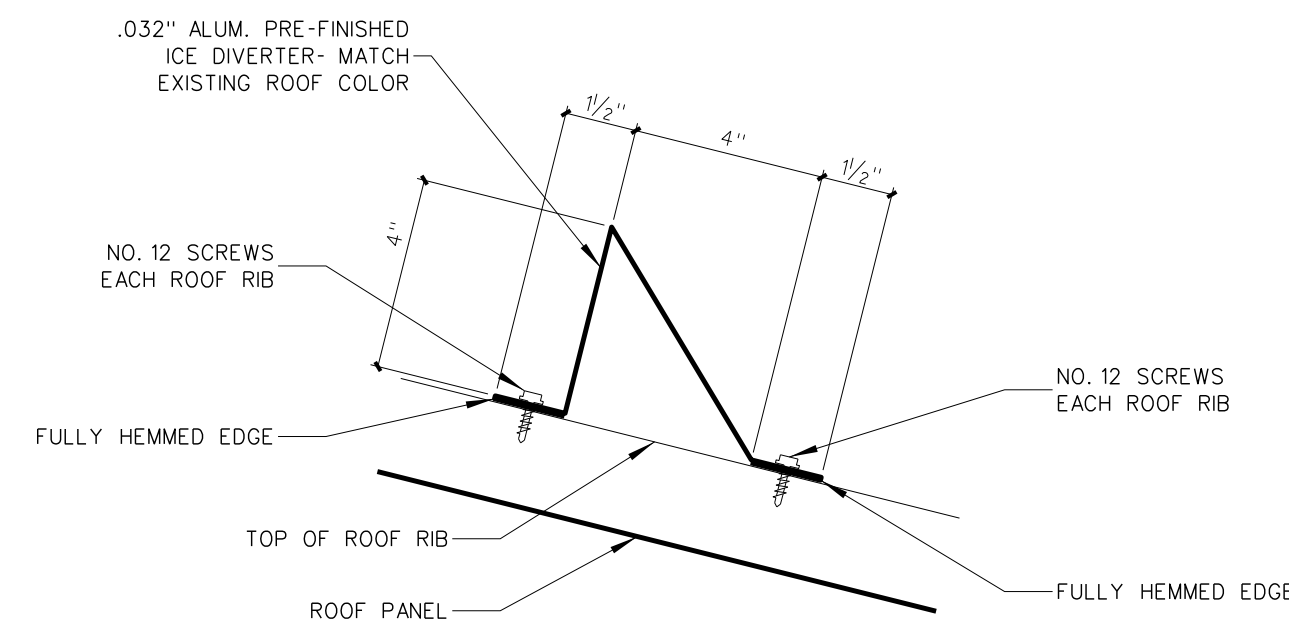
New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112
Date: 18 August 2022
Drawing No. **A 003**

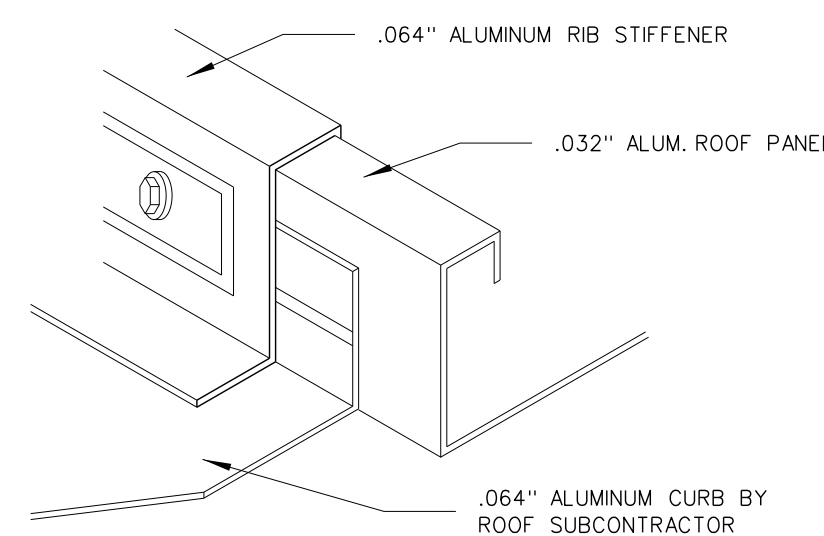


Note: Dimension based on roofing manufacturer provided.

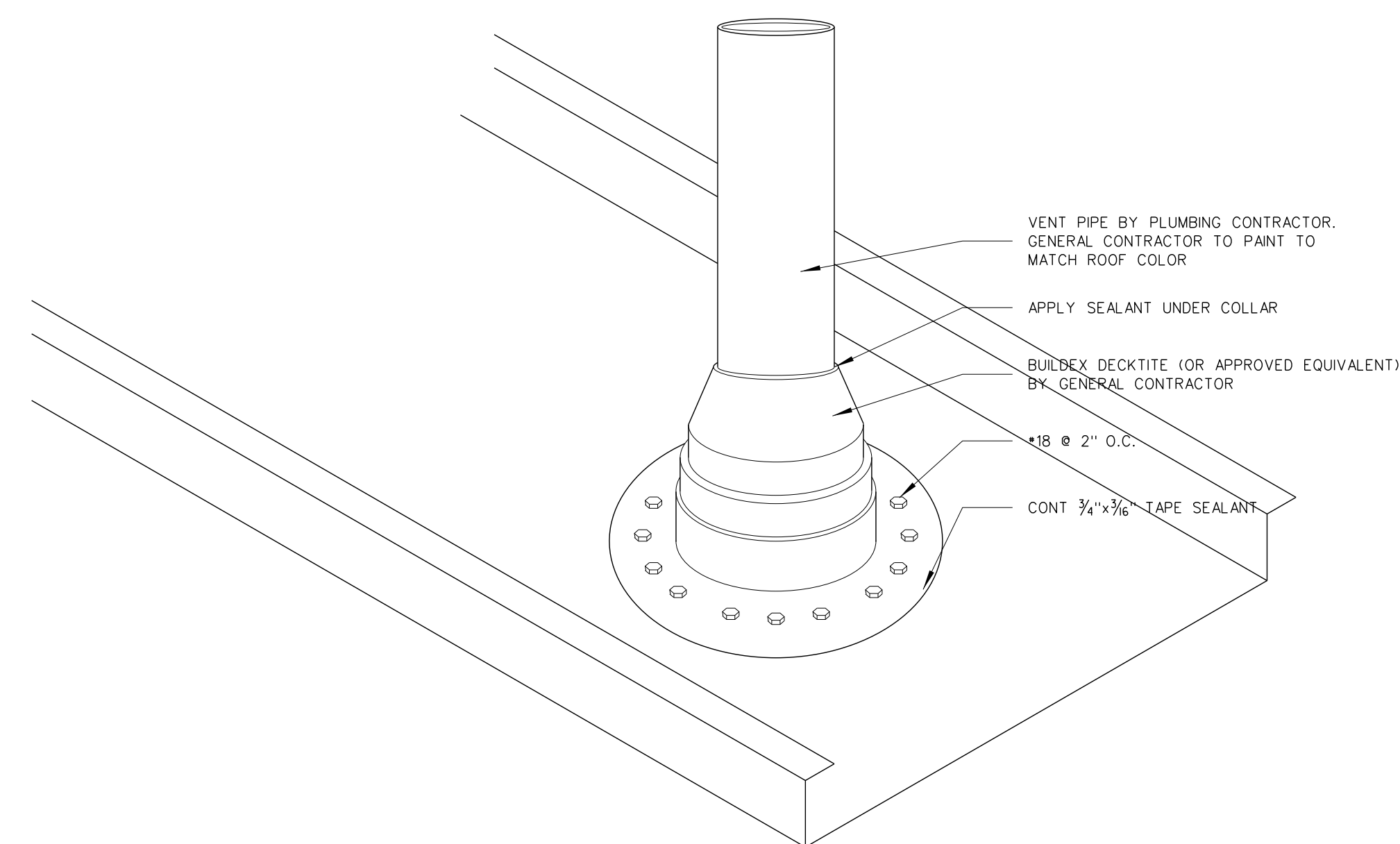
003.11 ROOF GUTTER STRAP DETAIL
SCALE: FULL



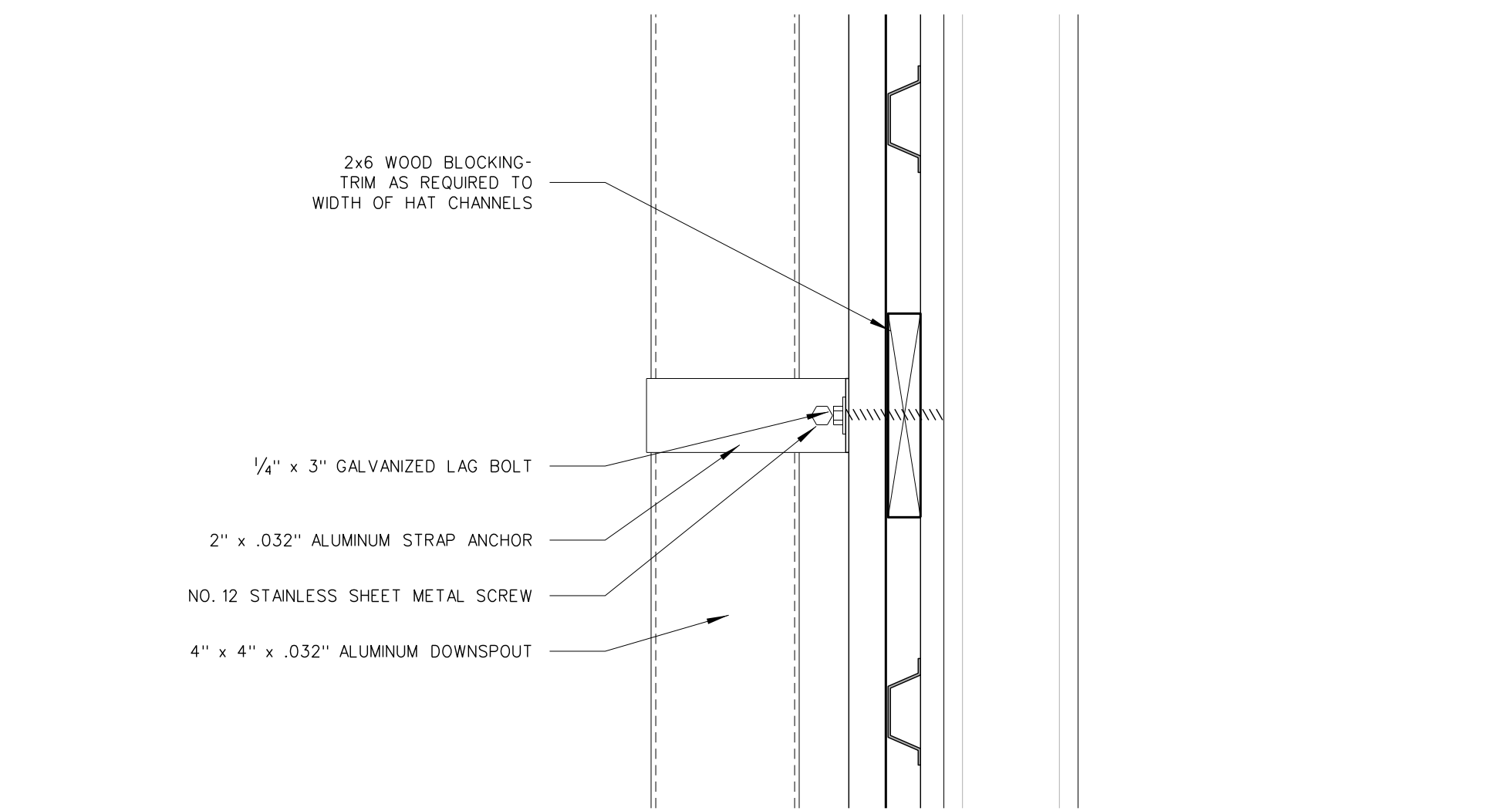
003.10 SNOW AND ICE GUARD DETAIL
SCALE: 3" = 1'-0"



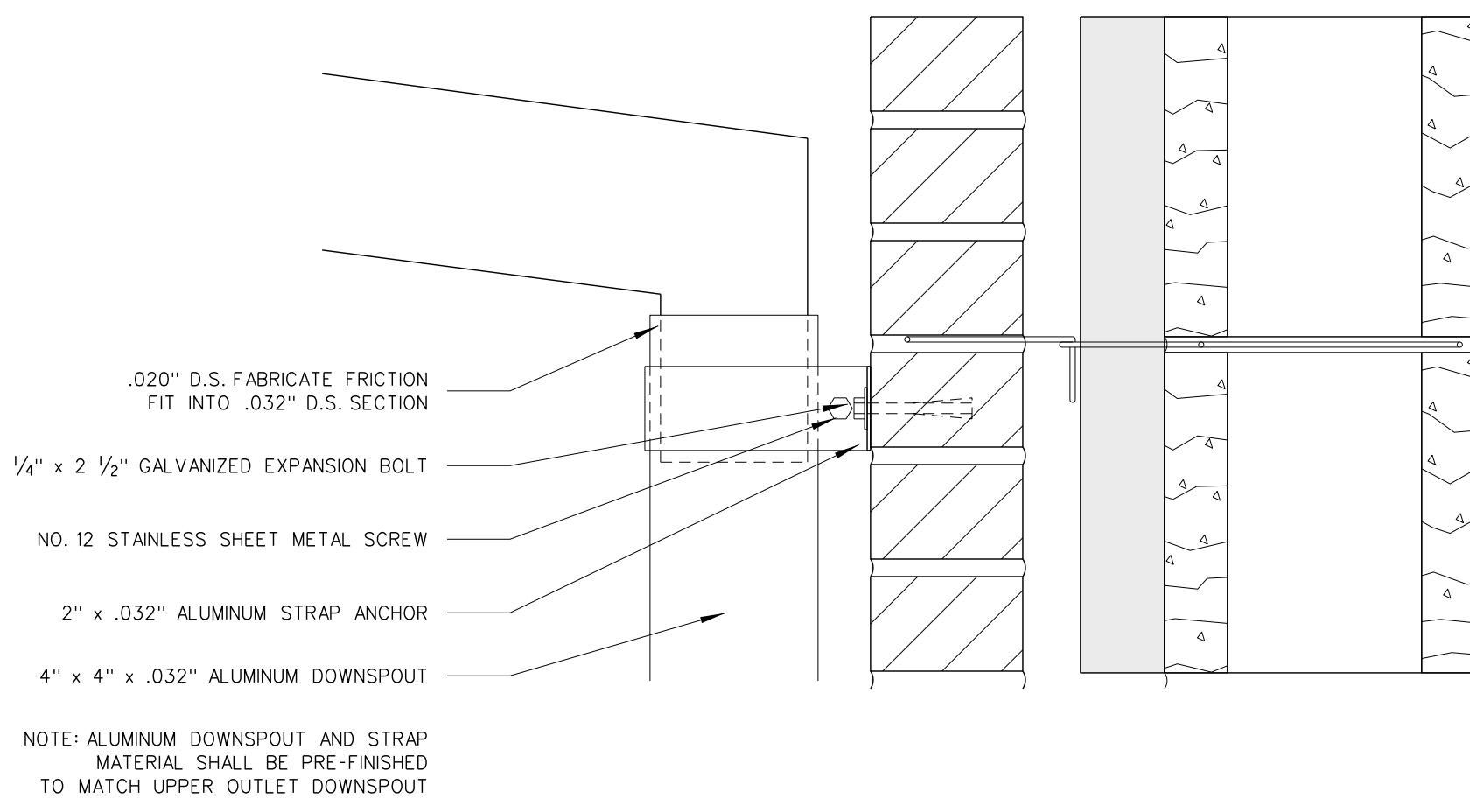
003.9 CURB FLASHING DETAIL
SCALE: NONE



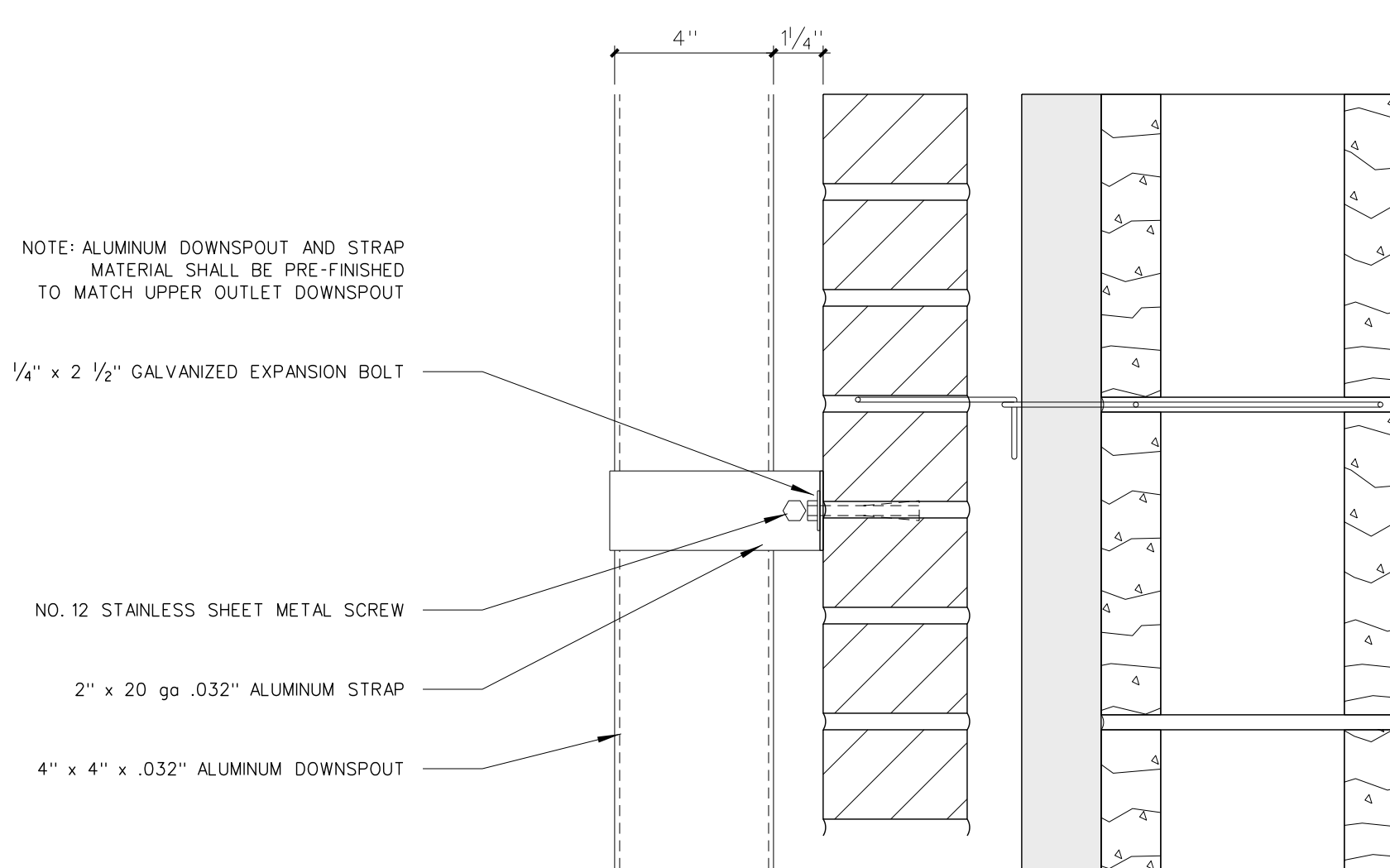
003.8 PIPE FLASHING DETAIL
SCALE: 3" = 1'-0"



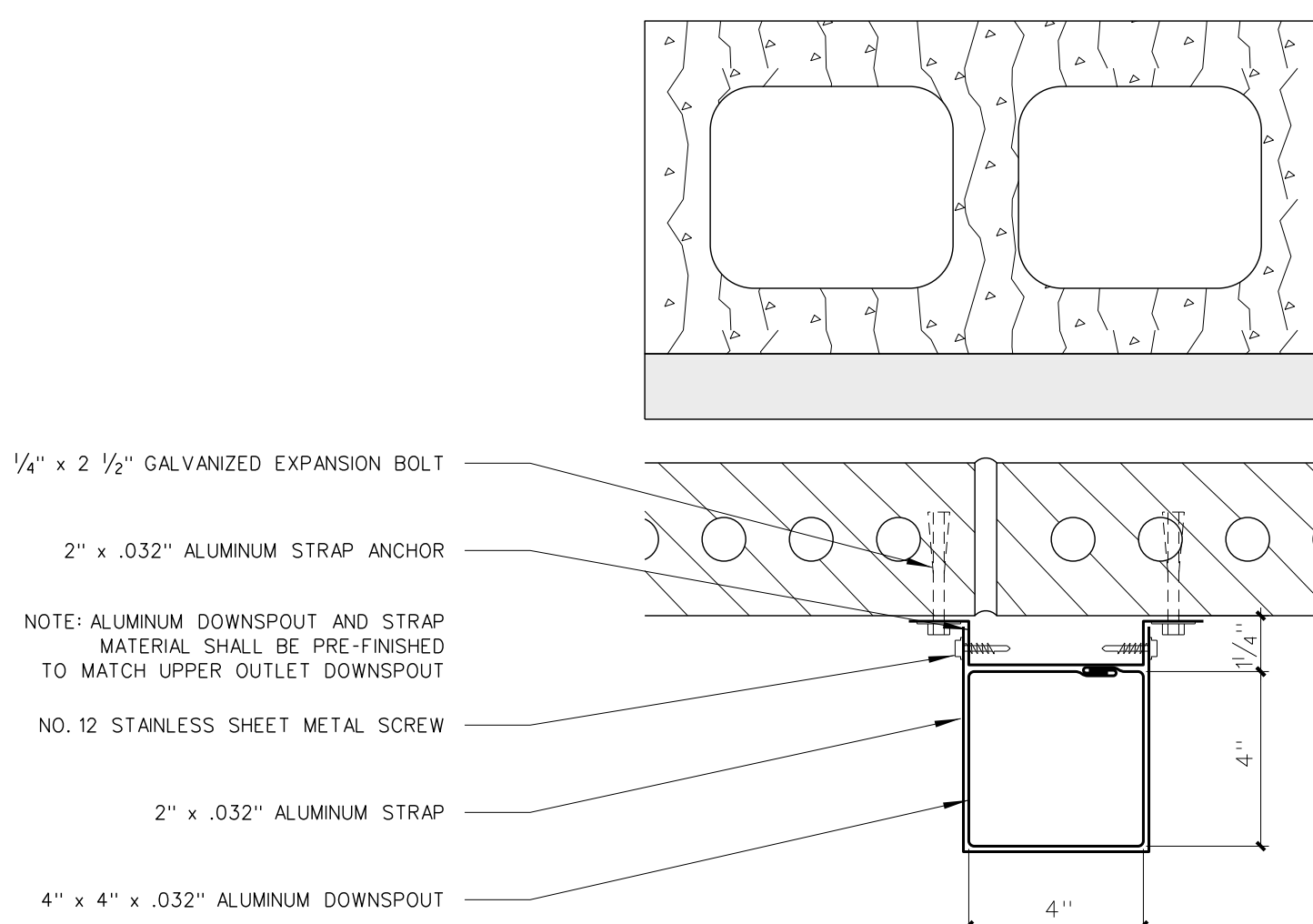
003.7 DETAIL - DOWNSPOUT @ MTL. PANEL
SCALE: 3" = 1'-0"



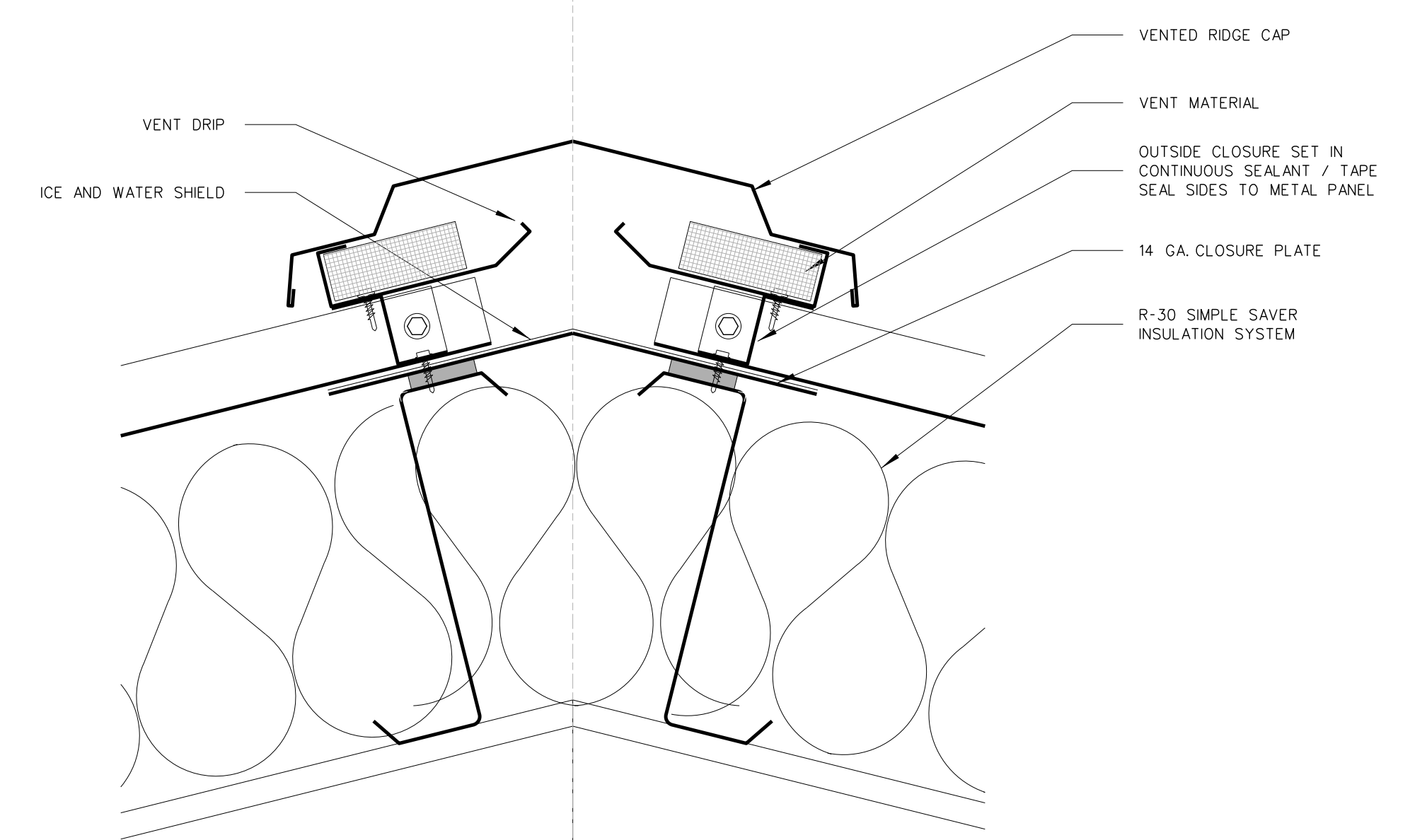
003.6 DETAIL - DOWNSPOUT @ BRICK
SCALE: 3" = 1'-0"



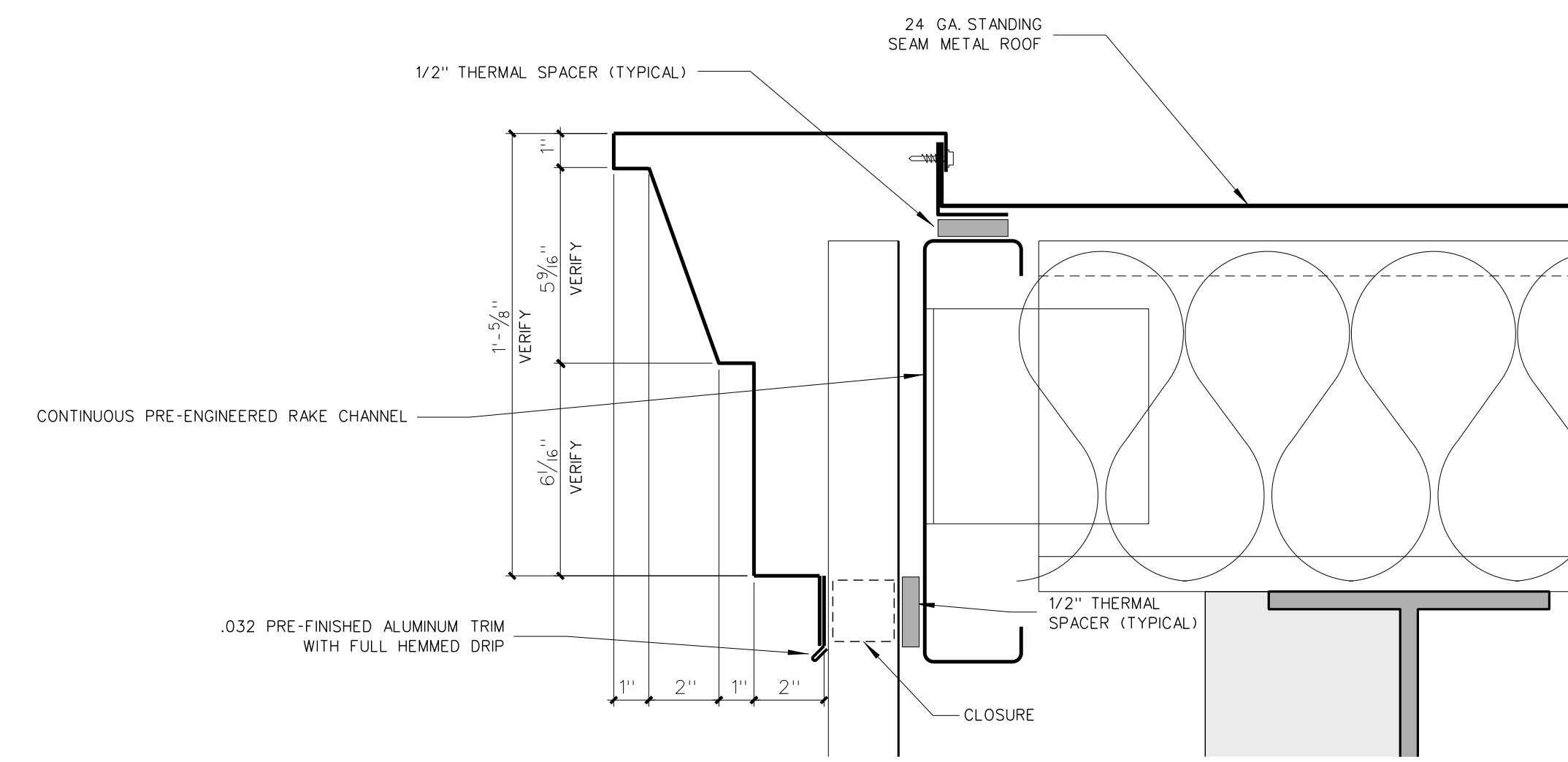
003.5 DETAIL - DOWNSPOUT @ BRICK
SCALE: 3" = 1'-0"



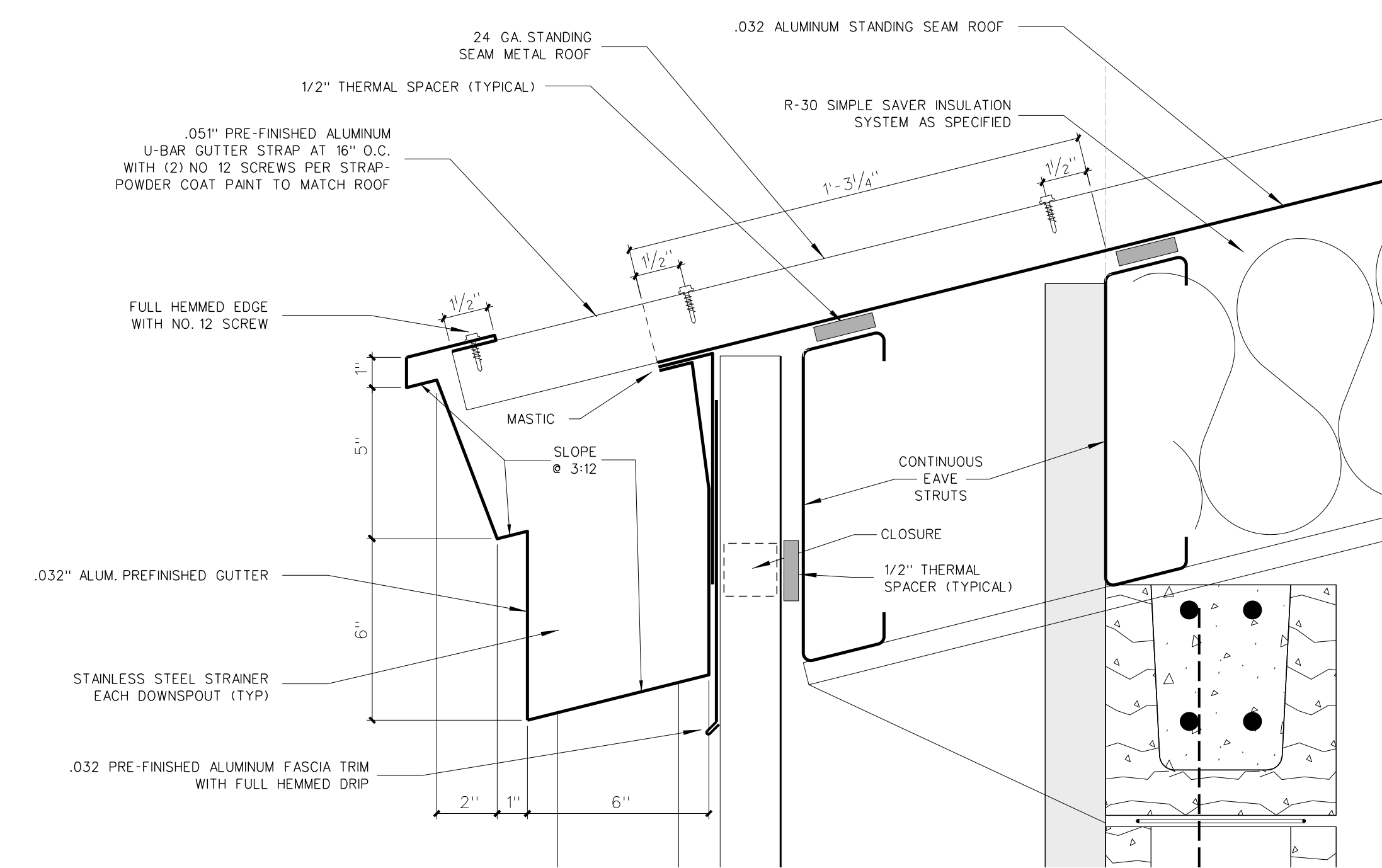
003.4 PLAN DETAIL - DOWNSPOUT @ BRICK
SCALE: 3" = 1'-0"



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



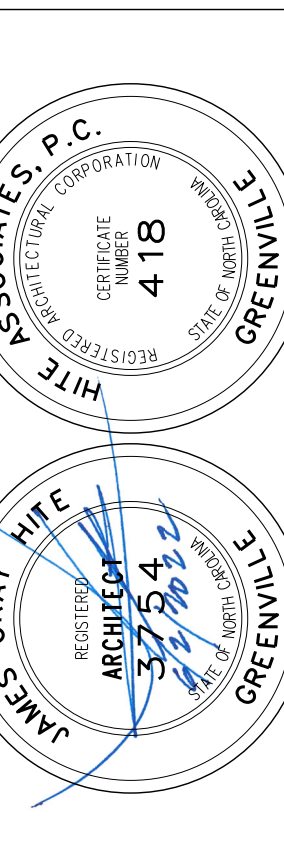
003.2 RAKE DETAIL
SCALE: 3" = 1'-0"



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

No.	Date	Revision

Hite associates
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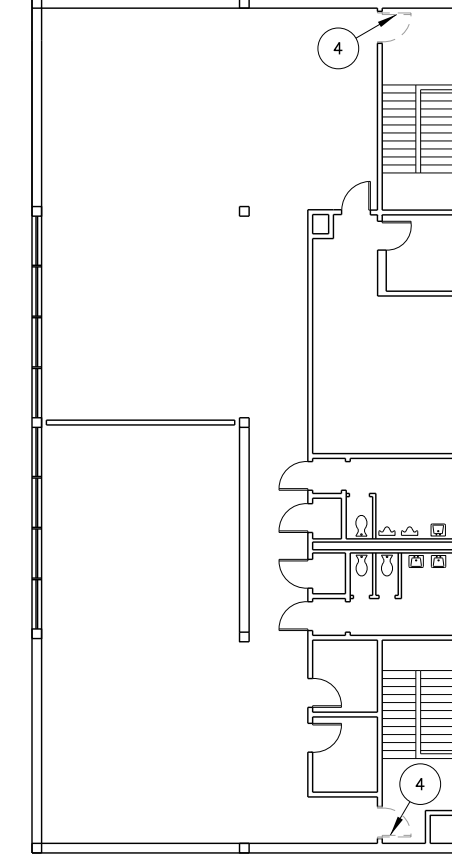


New Additions to
Croatan High School
3665 Hwy. 24, Newport, NC 28570
Carteret County Schools / North Carolina

Project No.	22109
Date:	28 March 2022
Drawing no.	A 003P

GENERAL DEMOLITION NOTES:

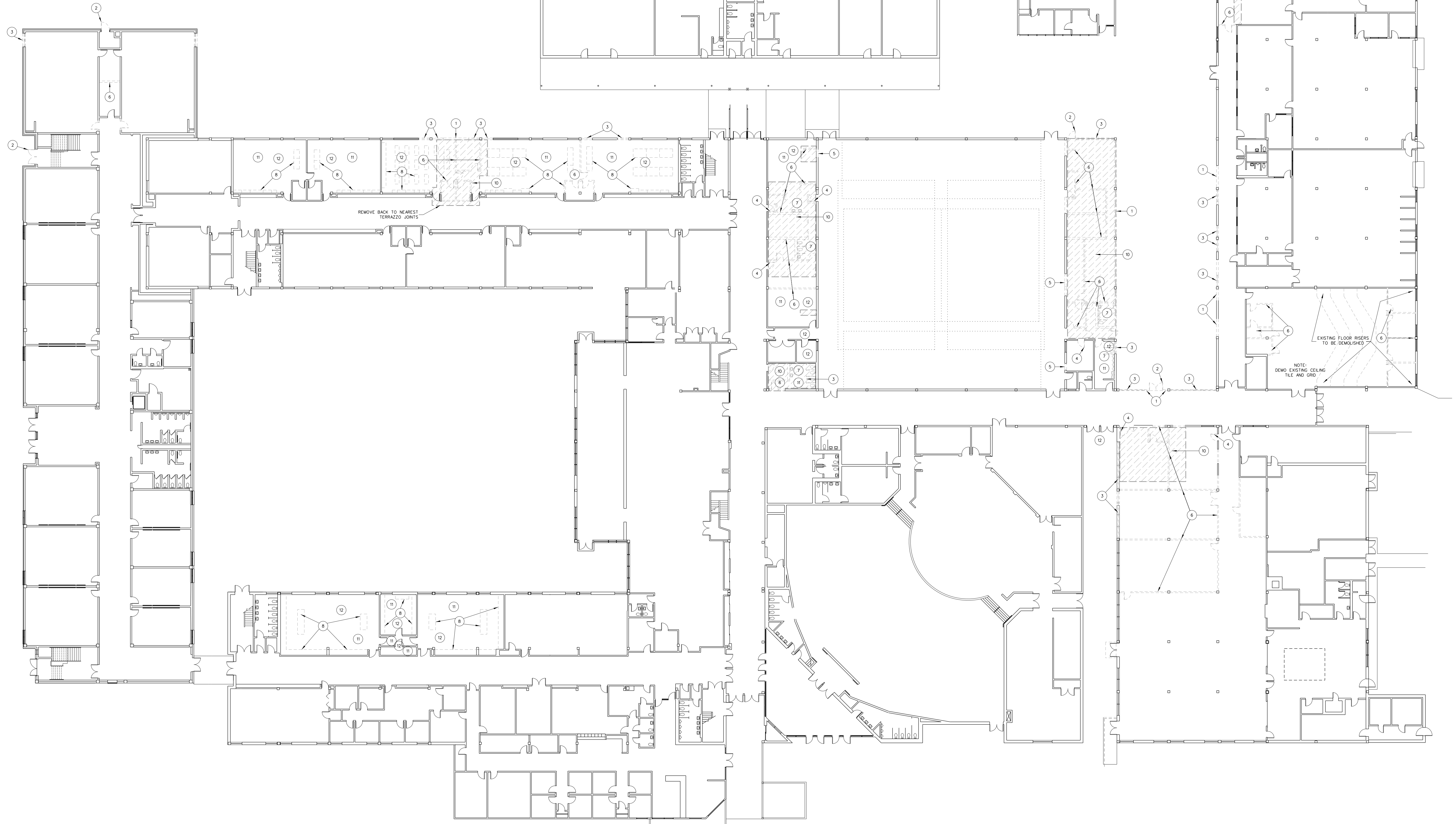
- GC TO CONSTRUCT TEMPORARY INSULATED SOLID DUSTPROOF PARTITIONS WHERE REQUIRED TO SEPARATE DEMO AREAS FOR NOISE CONTROL AND DUST/DEBRIS CONTAINMENT. PARTITIONS SHALL BE PROVIDED WITH DUSTPROOF DOORS AND SECURITY LOCKS IF REQUIRED TO MAINTAIN SAFETY, EGRESS AND SECURITY.
- SEE ENLARGED DEMOLITION PLANS, ROOF DEMOLITION AND EXTERIOR ELEVATIONS, PME DRAWINGS, ETC FOR ADDITIONAL DEMOLITION SCOPE OF WORK REQUIREMENTS.
- SEE SPECIFICATIONS SECTION 0270 FOR MORE INFORMATION ON SELECTIVE DEMOLITION AND CONSTRUCTION ACTIVITIES.
- GENERAL CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND/OR REGULATORY AGENCIES, CODES, AND REGULATIONS FOR NEW CONSTRUCTION AND DEMOLITION.
- 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 SYSTEMS ARE IN PLACE.
- CARE SHALL BE TAKEN DURING CONSTRUCTION NOT TO DAMAGE ANY EXISTING STRUCTURAL MEMBERS OR THEIR SUPPORTS. THE ARCHITECT AND OWNER REPRESENTATIVE WILL BE NOTIFIED IMMEDIATELY IF ANY DAMAGE SHOULD OCCUR.
- GC IS RESPONSIBLE FOR NOTIFYING OWNER REPRESENTATIVE OF ANY BUILDING UTILITY DISTURBANCES AND PROVIDE ADEQUATE INTERIM UTILITIES.
- REMOVE ALL EXISTING CASEWORK, FIXTURES, MARKERBOARDS, ETC. FROM ROOMS TO BE RENOVATED.
- CONTRACTOR SHALL TURN OVER ALL SALVAGEABLE ITEMS TO OWNER AS DIRECTED.
- CONTRACTOR SHALL COMPLETE ANY AND ALL DEMOLITION AND PATCHING AND REPAIRS REQUIRED FOR A COMPLETE JOB. WHETHER INDICATED SPECIFICALLY BY KEY NOTES OR NOT SOME DEMOLITION MAY BE REQUIRED FOR NEW CONSTRUCTION NOT SHOWN ON THIS SHEET.
- DEMOLISH ANY EXISTING UNUSED PLUMBING VENTS. PATCH AND REPAIR ROOF AS REQUIRED. COORDINATE WITH PLUMBING CONTRACTOR.
- IDENTIFICATION AND REMOVAL OF ASBESTOS CONTAINING MATERIAL TO BE COMPLETED BY OWNER PRIOR TO ANY DEMOLITION OR CONSTRUCTION BY GENERAL CONTRACTOR.
- EXISTING EXHAUST FANS TO BE ABANDONED ARE TO BE REMOVED. RESULTING ROOF PENETRATIONS ARE TO BE PATCHED AND REPAIRED TO MATCH EXISTING AS REQUIRED. SEE MECHANICAL DRAWINGS. FIELD VERIFY EXISTING ROOF CONSTRUCTION PRIOR TO BID.



100.2 2ND FLOOR DEMOLITION PLAN
SCALE: 1" = 20'-0"

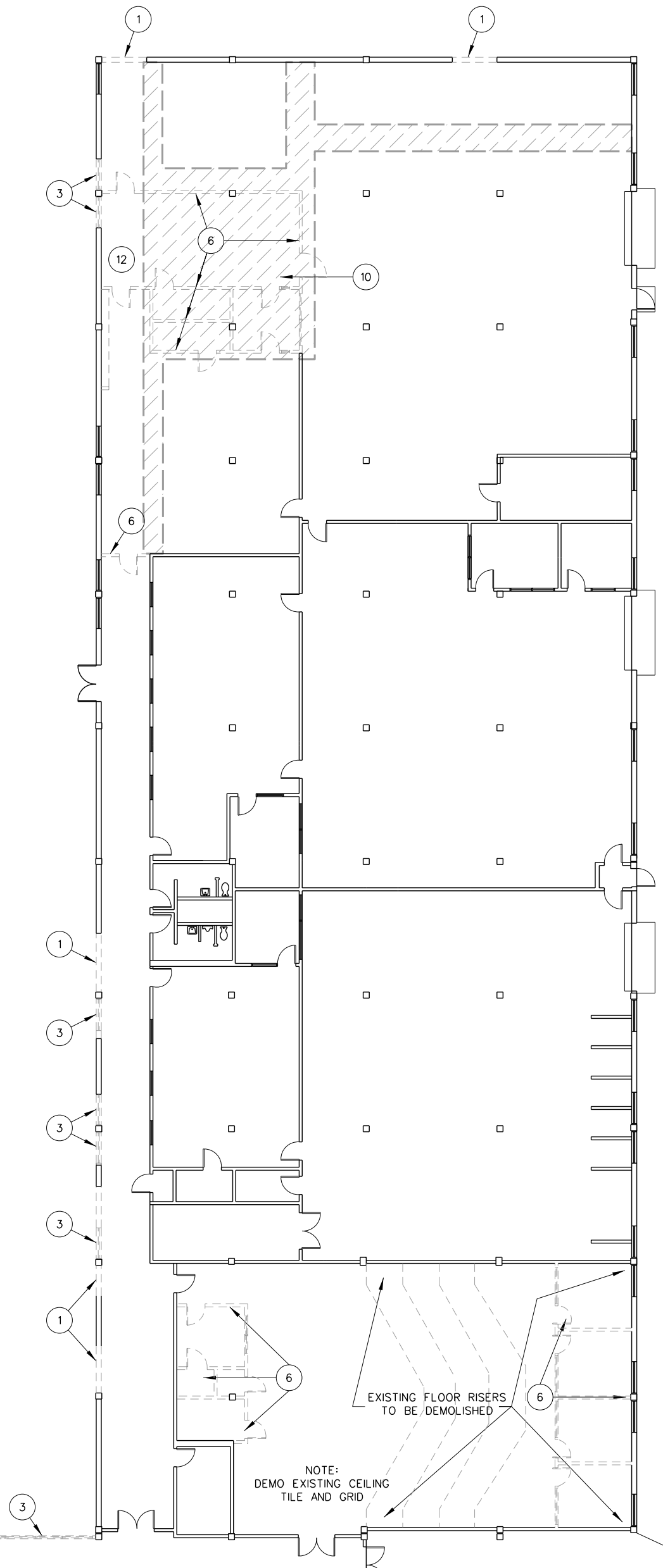
DRAWING LEGEND

- 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.



KEY NOTES FOR DEMOLITION PLAN

- REMOVE EXISTING EXTERIOR WALL SECTION. PREPARE OPENING TO RECEIVE NEW CONSTRUCTION AND FINISHES AS INDICATED.
- REMOVE EXISTING EXTERIOR DOOR AND FRAME COMPLETE. PREPARE OPENING FOR NEW DOOR AND FRAME OR INFILL AS INDICATED ON FLOOR PLAN. OPENING INFILL TO MATCH ADJACENT WALL SURFACES (BOTH SIDES).
- REMOVE EXISTING WINDOW, GLAZING AND FRAMING COMPLETE. INFILL OPENING WITH NEW CONSTRUCTION AS SHOWN ON FLOOR PLAN.
- REMOVE EXISTING INTERIOR DOOR AND FRAME COMPLETE AS INDICATED ON DEMOLITION PLAN. PREPARE OPENING FOR NEW CONSTRUCTION.
- PROVIDE NEW OPENING IN EXISTING CMU WALL AS INDICATED ON DEMOLITION PLAN. SEE FLOOR PLANS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING INTERIOR WALLS COMPLETE (INCLUDING DOORS, WINDOWS AND THRESHOLDS). PREPARE ADJACENT SURFACES FOR NEW CONSTRUCTION AND FINISHES AS SCHEDULED.
- REMOVE EXISTING PLUMBING FIXTURES AND TOILET PARTITIONS. SEE PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION.
- REMOVE EXISTING SCIENCE CASEWORK, TABLES AND EQUIPMENT. REFINISH AND PATCH SURFACES TO REMAIN TO MATCH EXISTING.
- NOT USED.
- HATCHED AREA INDICATES CONCRETE FLOOR REMOVAL. EXISTING COLUMNS TO REMAIN.
- REMOVE EXISTING ASBESTOS TILE FLOORING AND BASE. PREPARE AREA TO RECEIVE NEW CONSTRUCTION AS SCHEDULED.
- REMOVE AND REPLACE EXISTING CONCRETE SLAB ON GRADE BY G.C. INSTALL NEW SEWER PIPE AS REQUIRED. PROVIDE AND INSTALL MATCHING FINISHES AS REQUIRED BY G.C. SEE PLUMBING DRAWINGS FOR LOCATION AND EXTENT OF CUT AND PATCHING AS REQUIRED.



100.1 1ST FLOOR DEMOLITION PLAN
SCALE: 1" = 20'-0"

No.	Date	Revision

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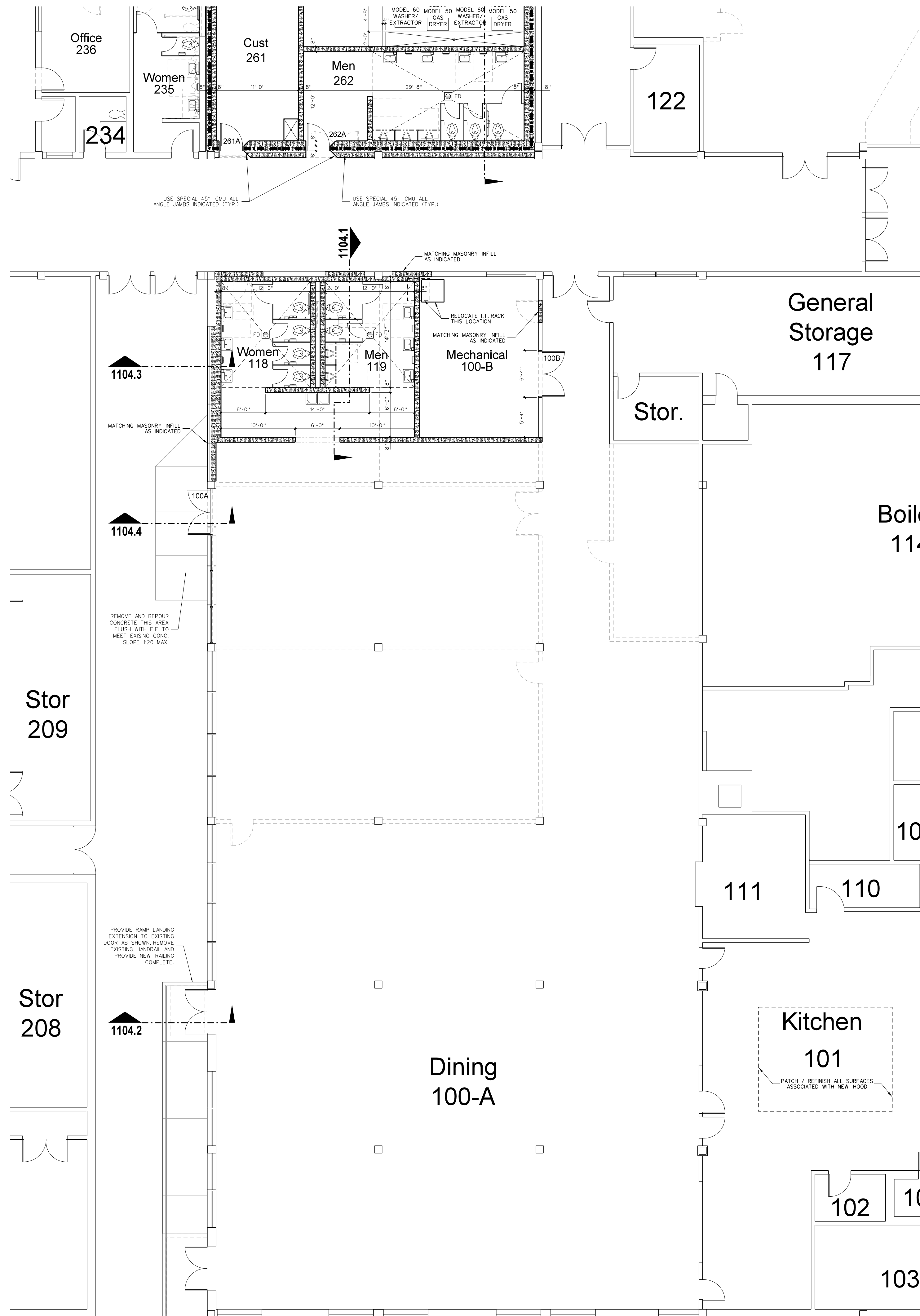
New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No: 22112
Date: 18 August 2022
Drawing No: **A 100**

ROOM FINISH SCHEDULE

MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
100-A	DINING	VCT	4" RUBBER	PAINTED CMU	EXPOSED STRUCTURE	10'-0"	PAINT DISTURBED WALL AREAS ONLY
100-B	MECHANICAL	VCT	4" RUBBER	PAINTED CMU	EXPOSED STRUCTURE	10'-0"	
118	WOMEN	CER TILE	CER TILE	PAINTED / CER TILE	PNT M.R. GYPBOARD	10'-0"	
119	MEN	CER TILE	CER TILE	PAINTED / CER TILE	PNT M.R. GYPBOARD	10'-0"	
123	PLTW	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE		
145	CARPENTRY CLASSRM.	NONE	NONE	PAINTED CMU	EXPOSED STRUCTURE	VARIES	PAINT NEW WALL AREAS ONLY
152	VOCATIONAL LAB	NONE	NONE	PAINTED CMU	EXPOSED STRUCTURE	VARIES	PAINT NEW WALL AREAS ONLY
160	CORRIDOR	TERRAZZO	4" RUBBER	PAINTED CMU	EXPOSED STRUCTURE	VARIES	PAINT NEW WALL AREAS ONLY
161	MEN	CER TILE	CER TILE	PAINTED / CER TILE	PNT M.R. GYPBOARD	10'-0"	
162	WOMEN	CER TILE	CER TILE	PAINTED / CER TILE	PNT M.R. GYPBOARD	10'-0"	
163	BAND OFFICE	CARPET TILES	4" RUBBER	PAINTED CMU	EXPOSED STRUCTURE	VARIES	
164	BAND ROOM	CARPET TILES	4" RUBBER	PAINTED CMU	PAINTED STRUCTURE	VARIES	
165	BAND STORAGE	CARPET TILES	4" RUBBER	PAINTED CMU	EXPOSED STRUCTURE	VARIES	PAINT NEW WALL AREAS ONLY

NOTES
 1 OVERHEAD PLATFORM AND ACCESS AREAS: PAINT STEEL STAIRS AND RAILS AS SPECIFIED AND PROVIDE (2) COATS GLOSS POLYURETHANE FLOOR SEALER AS SPECIFIED FOLLOWING FINAL
 2 GYPOBOARD CEILINGS AND BULKHEADS: PAINT FLAT WHITE LATEX, NO TEXTURE, USE STRAIGHT CORNER BEADS, NO BULLNOSE EXCEPT WHERE INDICATED

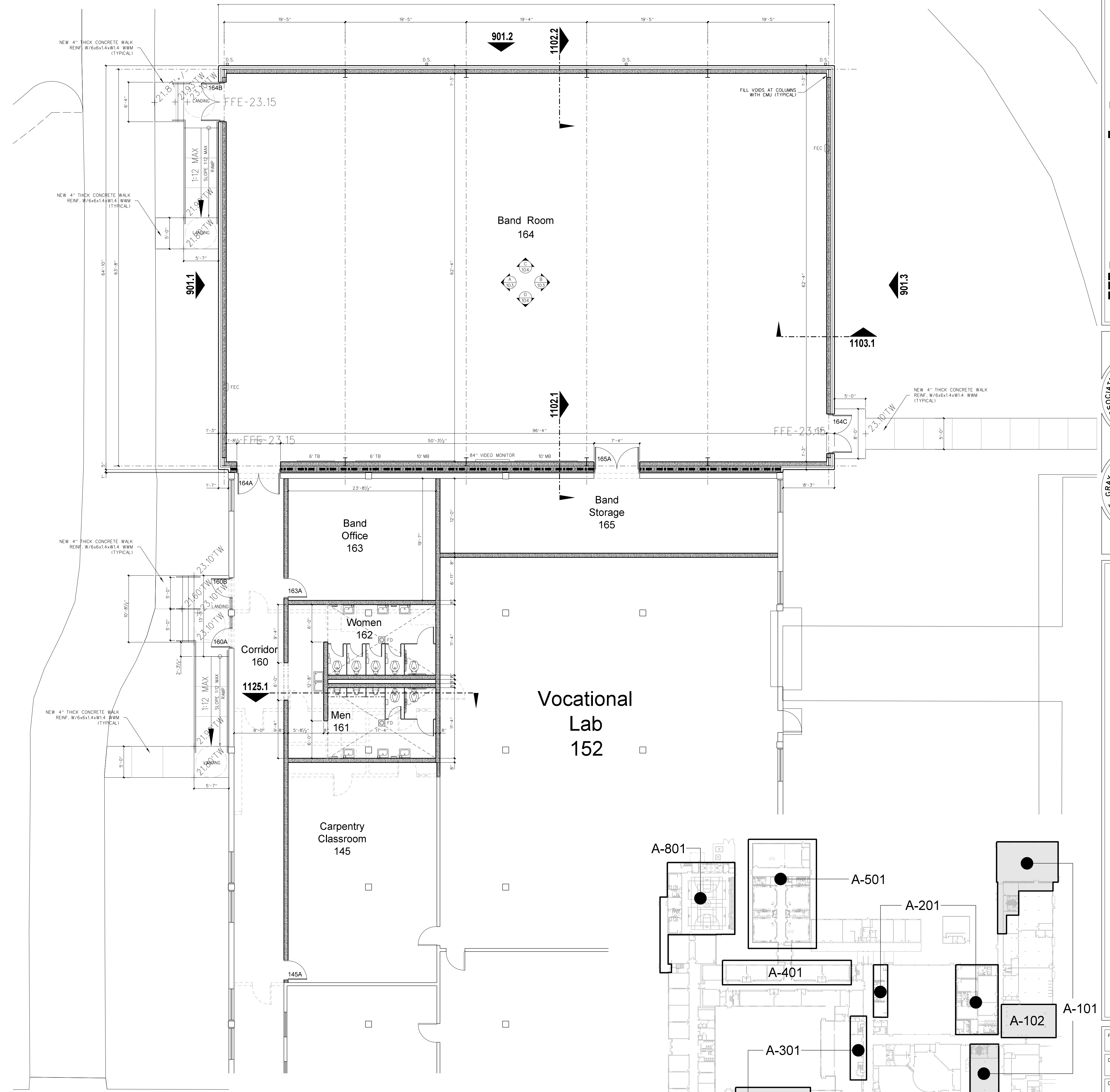
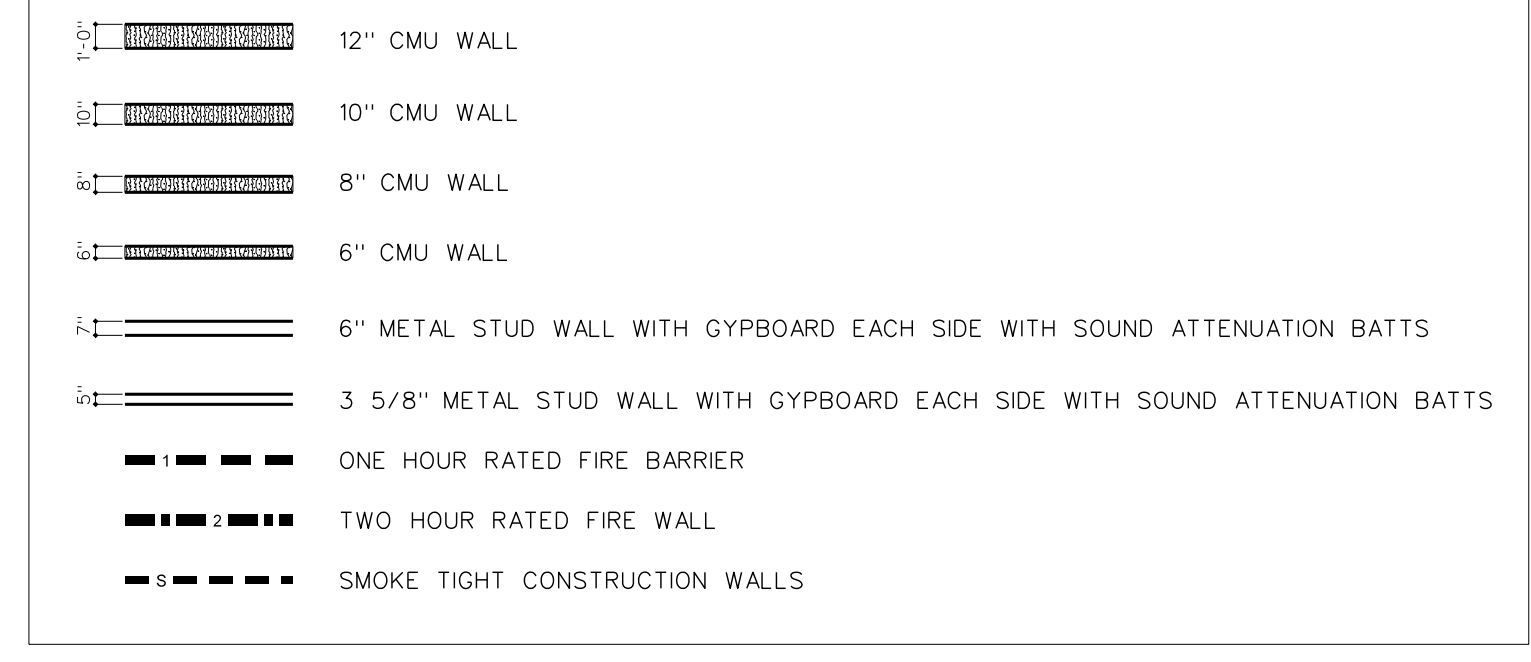


101.2 PARTIAL 100 UNIT FLOOR PLAN
 SCALE: 1/8" = 1'-0"

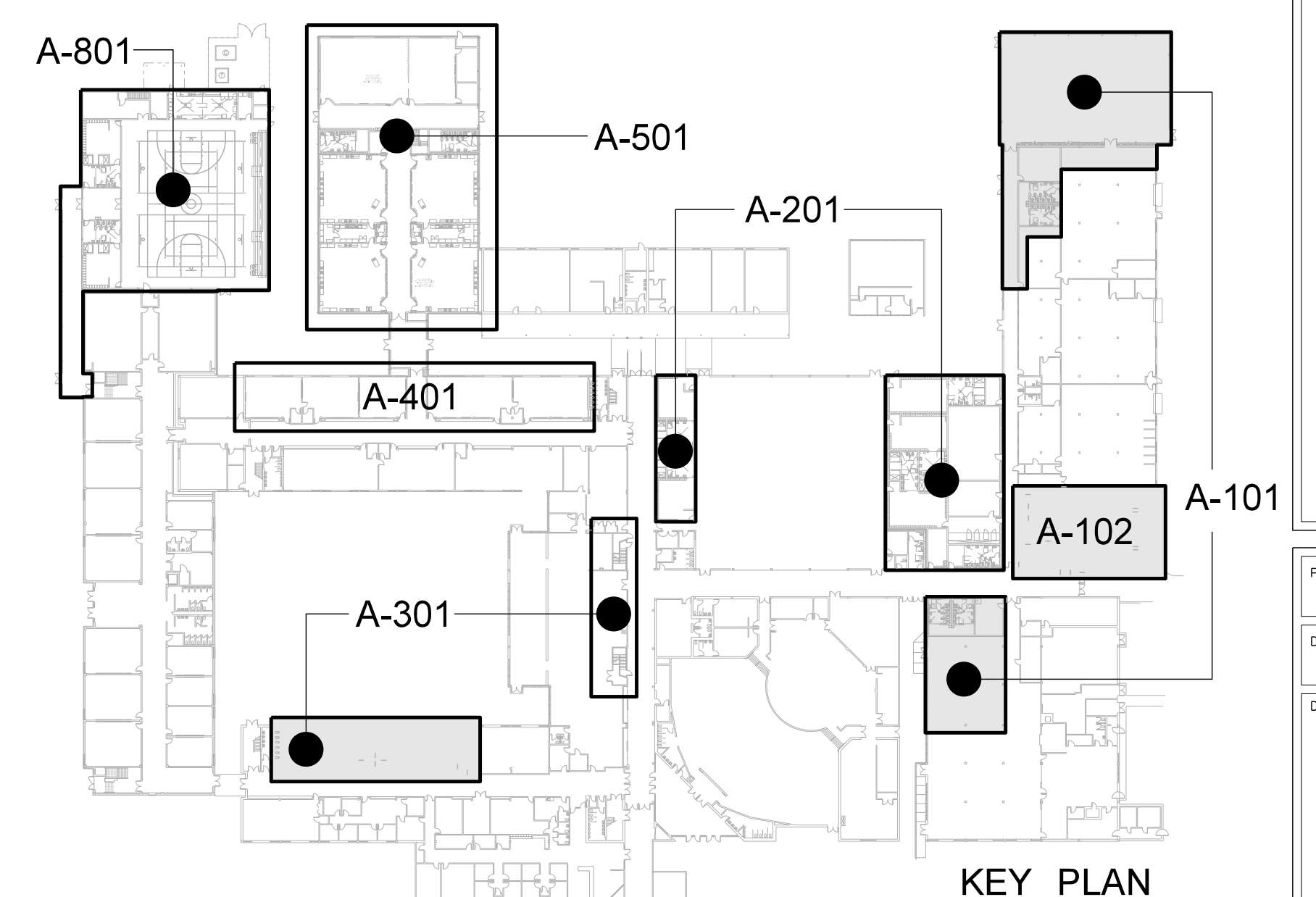
ABBREVIATIONS

- CB CHALKBOARD
- MB MARKERBOARD
- SMTBD SMARTBOARD
- VDM VISUAL DISPLAY MONITOR
- MVDM MOBILE VISUAL DISPLAY MONITOR
- TB TACK BOARD
- BK BOOKCASE
- CU CUBBIES
- IWB INTERACTIVE WHITE BOARD
- FSTV FLAT SCREEN T.V.
- MT METAL THRESHOLD W/ 1/2" MAX. LIP
- RT RUBBER TRANSITION W/ 1/2" MAX. LIP
- FEC FIRE EXTINGUISHER CABINET
- C.J. CONTROL JOINT
- E.J. EXPANSION JOINT
- TD TRAVEL DISTANCE
- SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS

WALL LEGEND



101.1 PARTIAL 100 UNIT FLOOR PLAN
 SCALE: 1/8" = 1'-0"



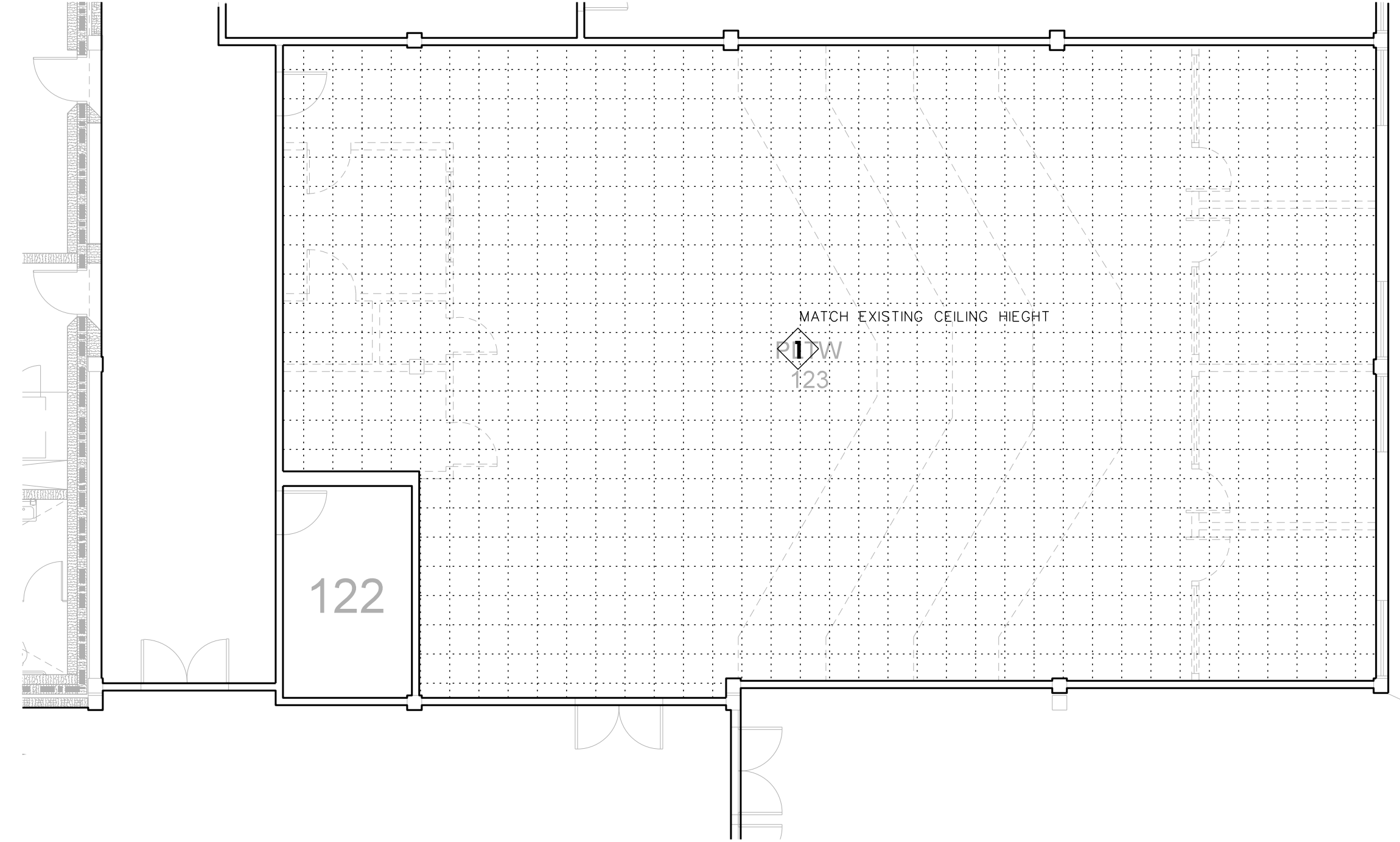
CEILING FINISH SCHEDULE	
TYPE 1	24"x24"x 5/8" ARMSTRONG YUKON HUMIGRARD PLUS NO. 8770 SQUARE EDGE / PRELUDE XL GRID.
TYPE 2	PAINT EXPOSED STRUCTURE, MECH. AND ELECT. WORK
TYPE 3	24"x24"x 5/8" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL. PRELUDE PLUS GRID.
TYPE 4	5/8" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM
TYPE 5	5/8" GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM.
TYPE 6	ACOUSTICAL SPRAY MATERIAL - SEE ROOM FINISH SCHEDULE FOR COLOR.
TYPE 7	R-30 SIMPLE SAVER INSULATION SYSTEM AS SPECIFIED

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

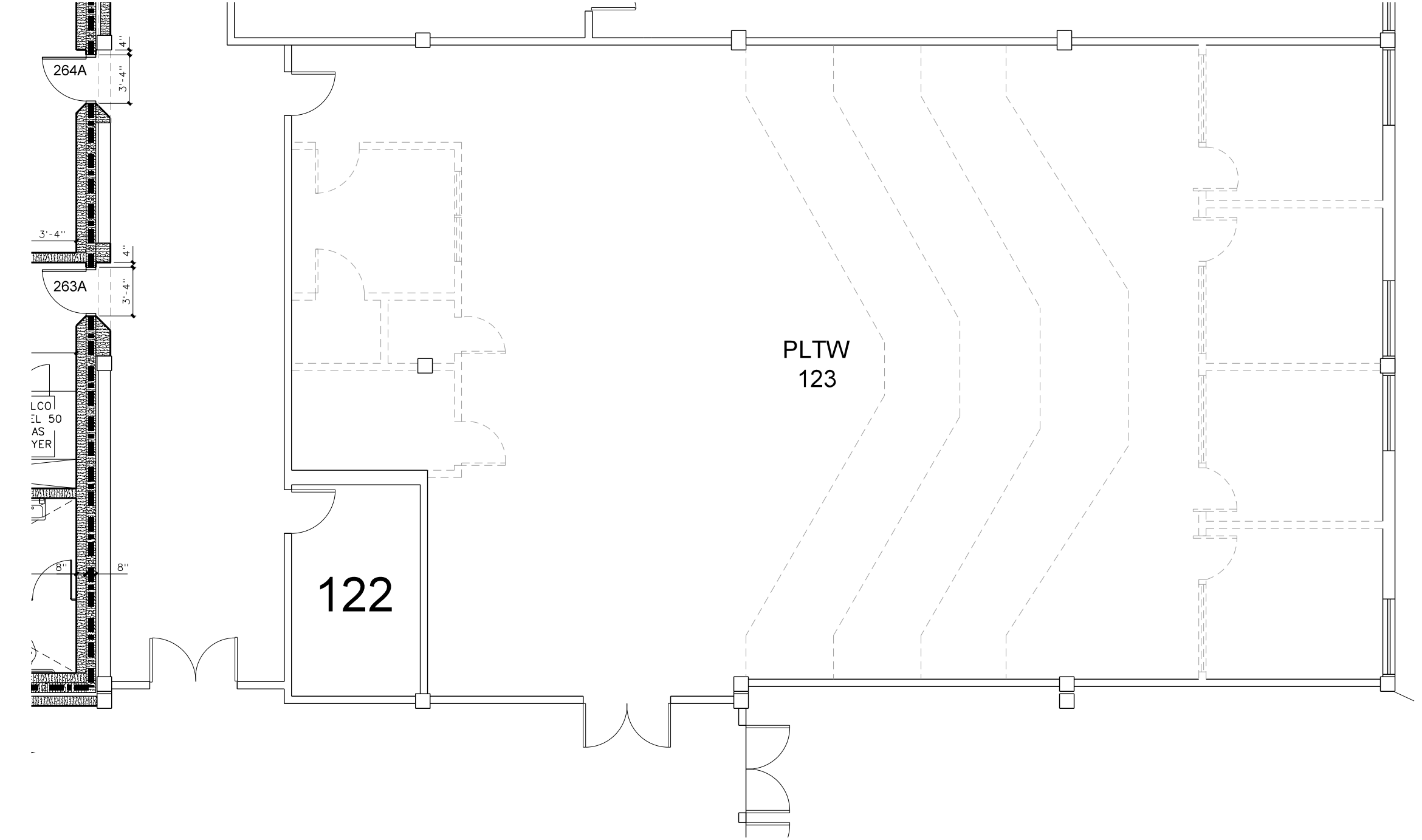
LEGEND - REFLECTED CEILING PLAN	
	CEILING TYPE - SEE CEILING FINISH SCHEDULE
	CEILING HEIGHT ABOVE FINISH FLOOR
	SLOPED CEILING
	LS XX'-X" CEILING HEIGHT ABOVE FINISH FLOOR - LOW SIDE
	HS XX'-X" CEILING HEIGHT ABOVE FINISH FLOOR - HIGH SIDE
	2 x 2 ACOUSTICAL TILE AND GRID
	GYPBOARD CEILING
	MR MOISTURE RESISTANT GYPBOARD CEILING
	EXPSTR EXPOSED STRUCTURE
	METAL SOFFIT
	EFS 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
	SPEAKER
	SUPPLY AIR GRILLE
	RETURN AIR GRILLE
	EXHAUST FAN
	SMOKE SENSOR
	SECURITY CAMERA

ABBREVIATIONS	
CB	CHALKBOARD
MB	MARKERBOARD
SMTBD	SMARTBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
BK	BOOKCASE
CU	CUBBIES
IABW	INTERACTIVE WHITE BOARD
FSTV	FLAT SCREEN T.V.
MT	METAL THRESHOLD W/ 1/2" MAX. LIP
RT	RUBBER TRANSITION W/ 1/2" MAX. LIP
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
E.J.	EXPANSION JOINT
TD	TRAVEL DISTANCE
SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS	

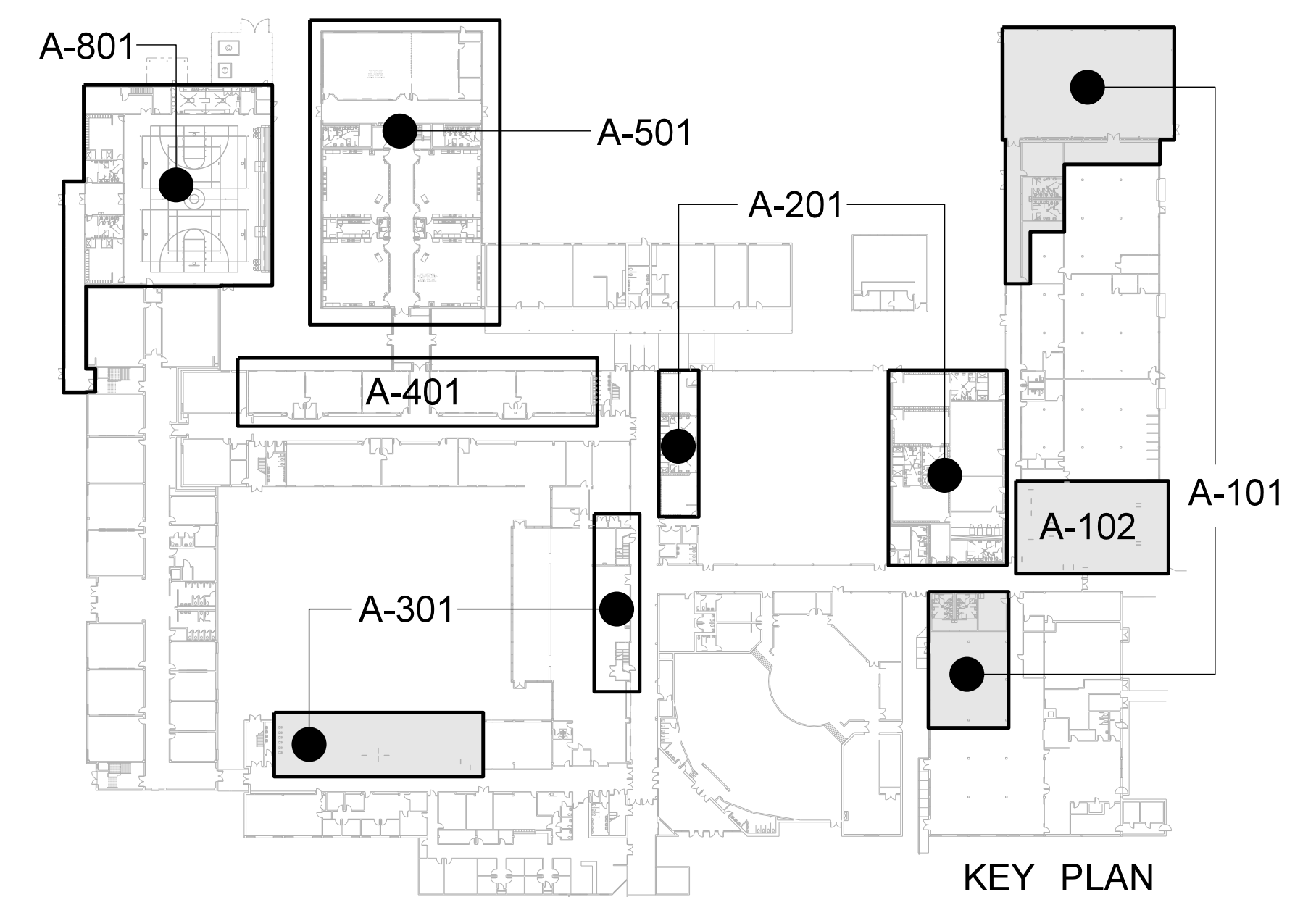
WALL LEGEND	
	12" CMU WALL
	10" CMU WALL
	8" CMU WALL
	6" CMU WALL
	6" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
	3 5/8" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
	ONE HOUR RATED FIRE BARRIER
	TWO HOUR RATED FIRE WALL
	SMOKE TIGHT CONSTRUCTION WALLS



102.2 PARTIAL 100 UNIT REFLECTED CEILING PLAN
 SCALE: 1/8" = 1'-0"



102.1 PARTIAL 100 UNIT FLOOR PLAN
 SCALE: 1/8" = 1'-0"



KEY PLAN

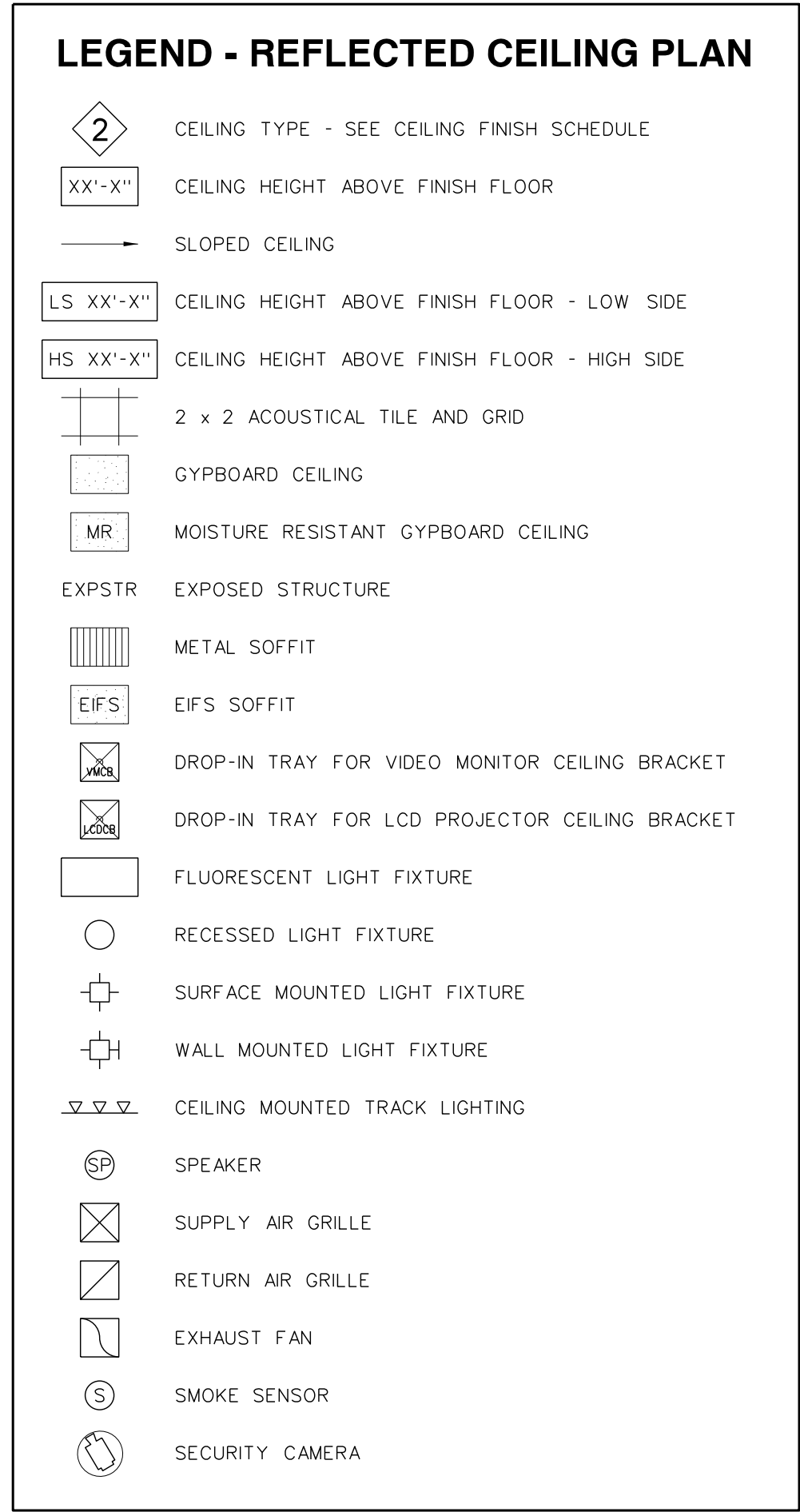
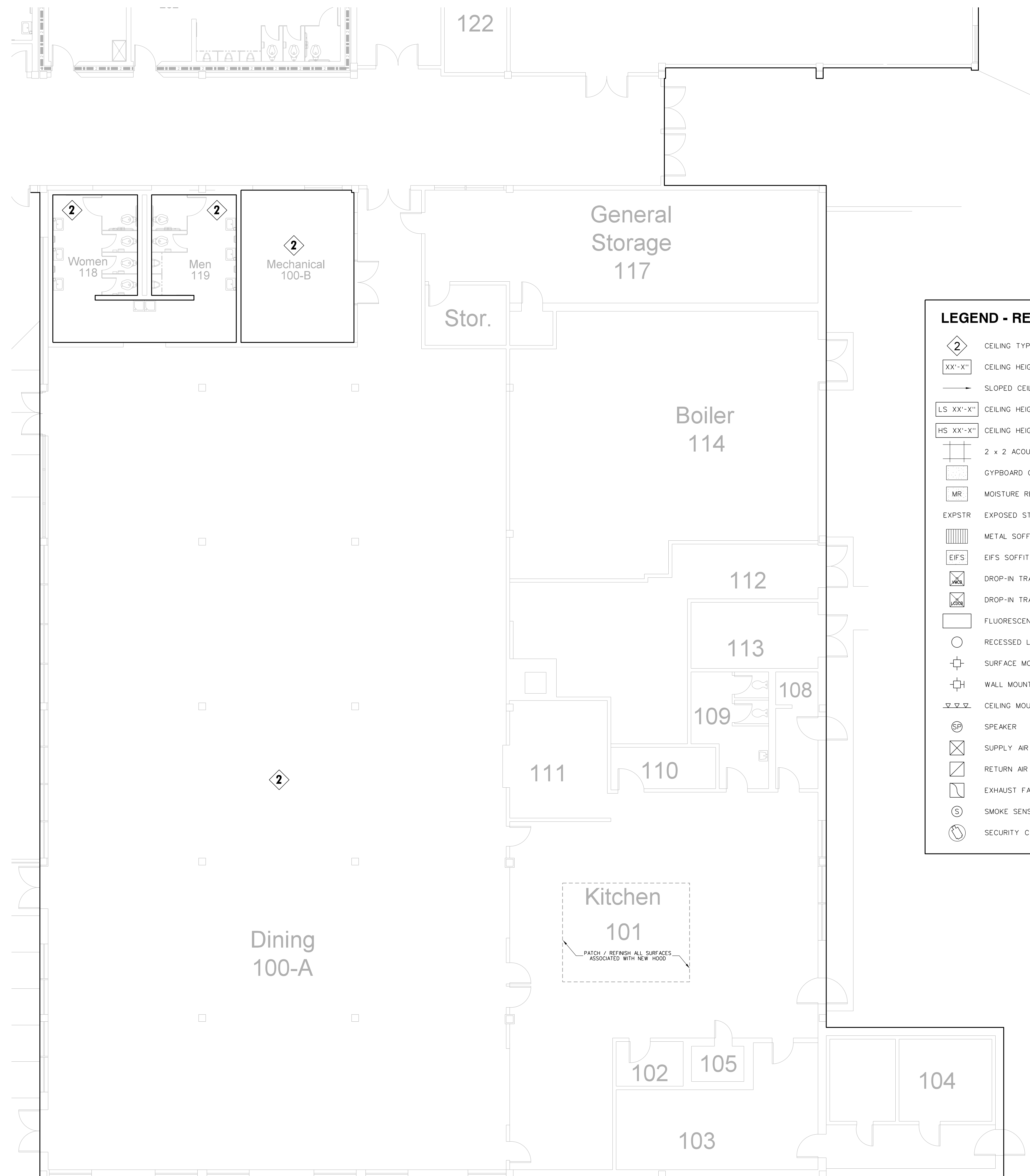
Revision	No.	Date

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

REGISTERED ARCHITECT
 JAMES GRAY HITE
 STATE OF NORTH CAROLINA
 NUMBER 418
 REGISTERED PROFESSIONAL ENGINEER
 JAMES GRAY HITE
 STATE OF NORTH CAROLINA
 NUMBER 5174

New Gymnasium Additions to
West Carteret High School
 4700 Country Club Road, Morehead City, NC 28577
 Carteret County Schools / North Carolina

Project No. 22112
 Date: 18 August 2022
 Drawing no. **A 102**



CEILING FINISH SCHEDULE

TYPE 1
24"x24"x 5/8" ARMSTRONG YUKON HUMIGRARD PLUS NO. 8770 SQUARE EDGE / PRELUDE XL GRID.

TYPE 2
PAINT EXPOSED STRUCTURE, MECH. AND ELECT. WORK

TYPE 3
24"x24"x 5/8" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL PRELUDE PLUS GRID.

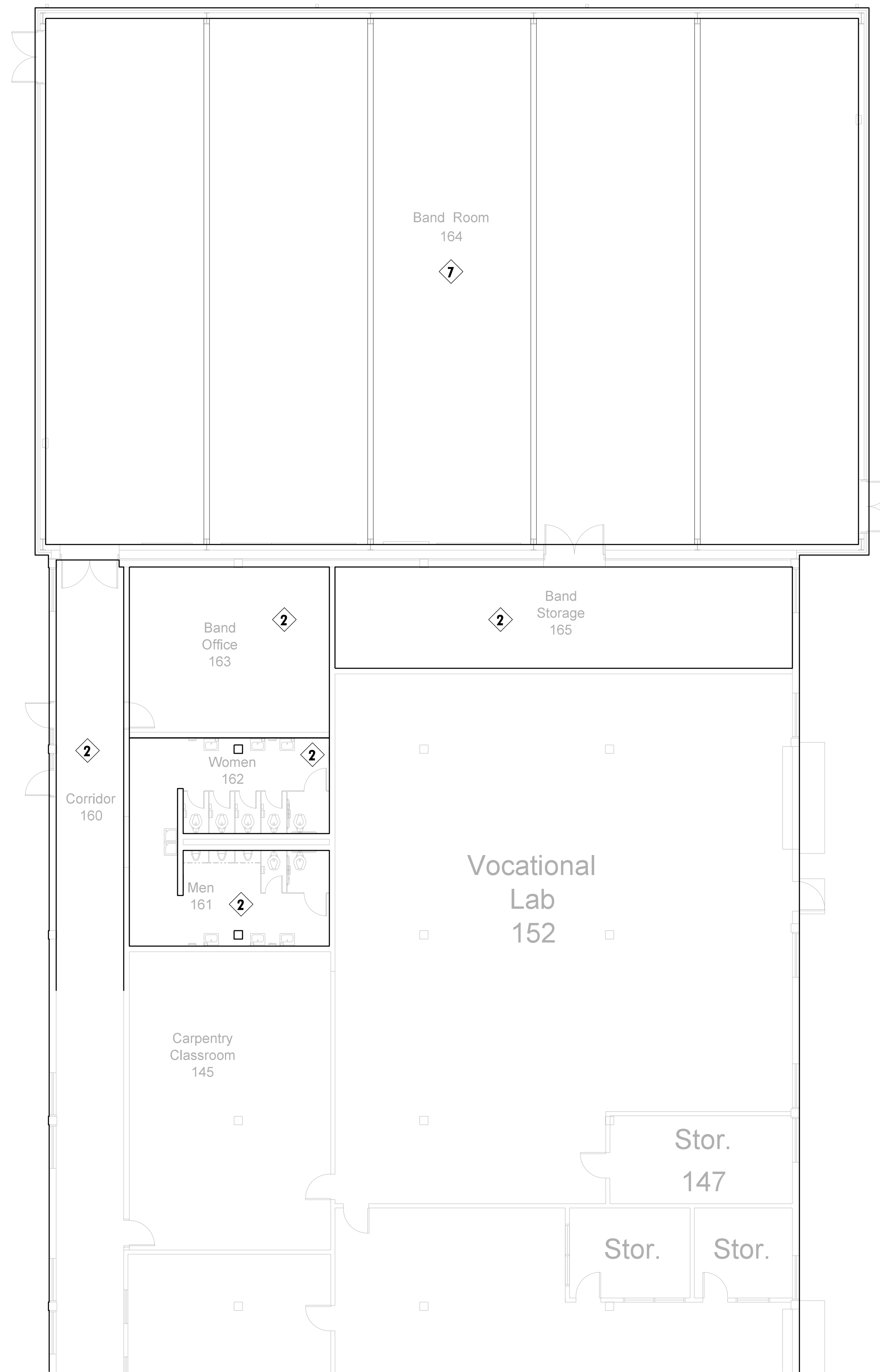
TYPE 4
5/8" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM

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

TYPE 6
ACOUSTICAL SPRAY MATERIAL - SEE ROOM FINISH SCHEDULE FOR COLOR.

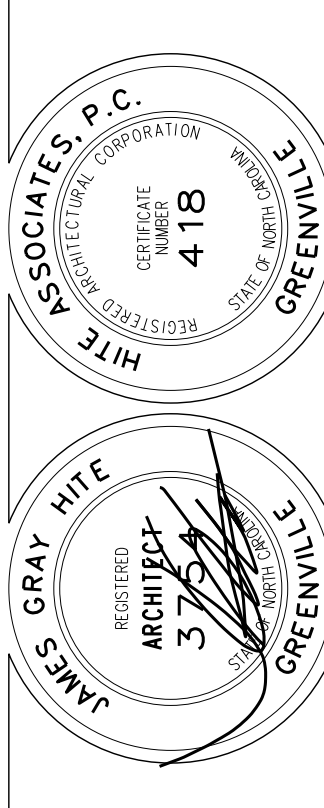
TYPE 7
R-30 SIMPLE SAVER INSULATION SYSTEM AS SPECIFIED

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



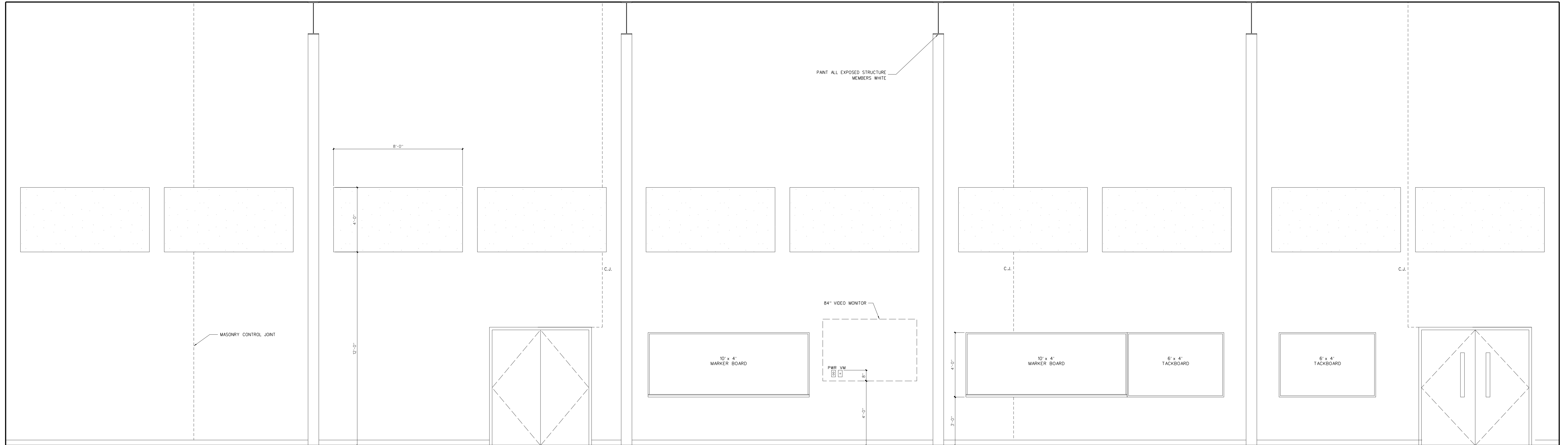
No.	Date	Revision

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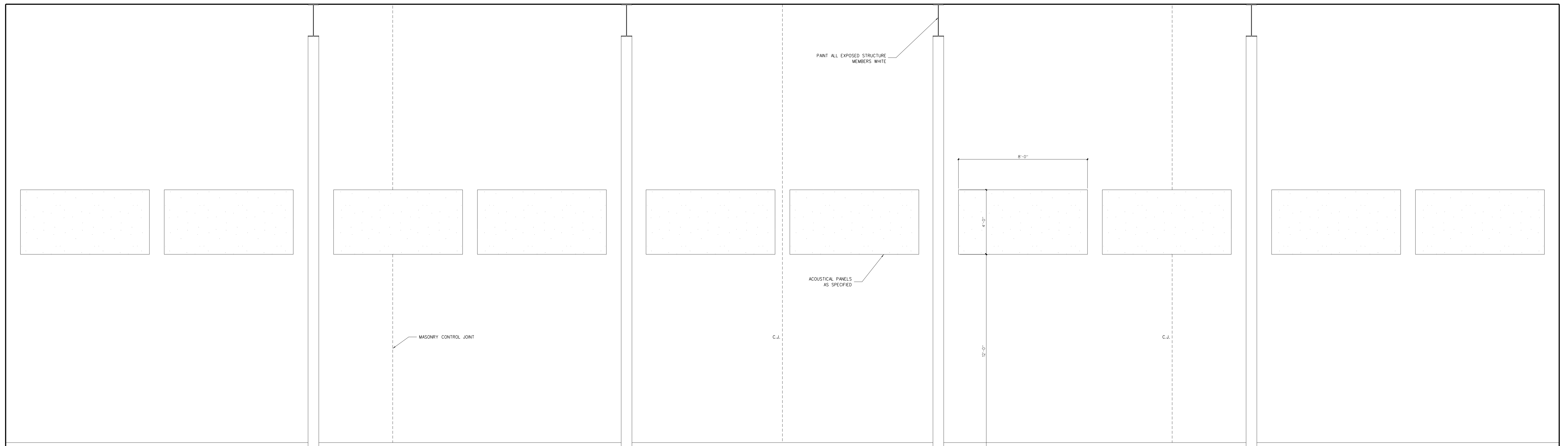


New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No.	22112
Date:	18 August 2022
Drawing no.	A 103



D BAND ROOM 164

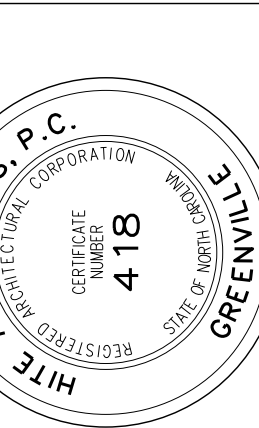


C BAND ROOM 164

105.1 INTERIOR ELEVATIONS: BAND ROOM
SCALE: 3/8" = 1'-0"

No.	Date	Revision

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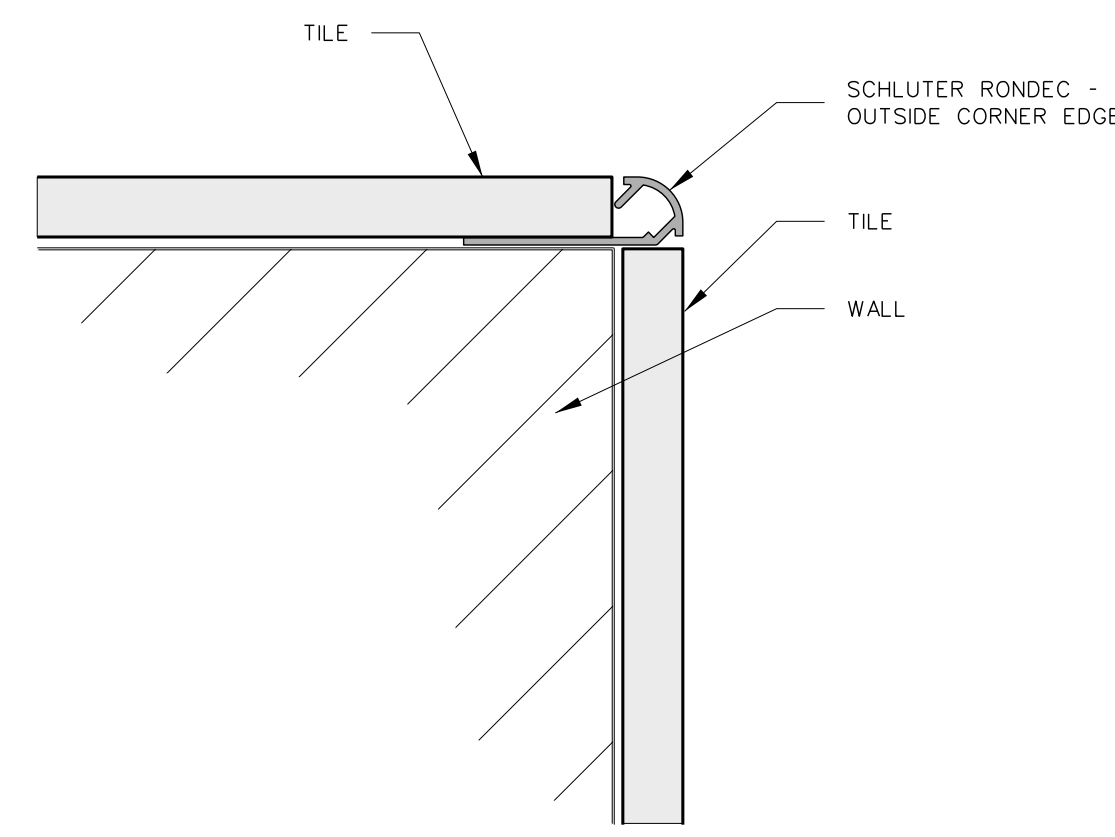
New Gymnasium Additions to
West Carteret High School
 4700 Country Club Road, Morehead City, NC 28577
 Carteret County Schools / North Carolina

Project No. 22112

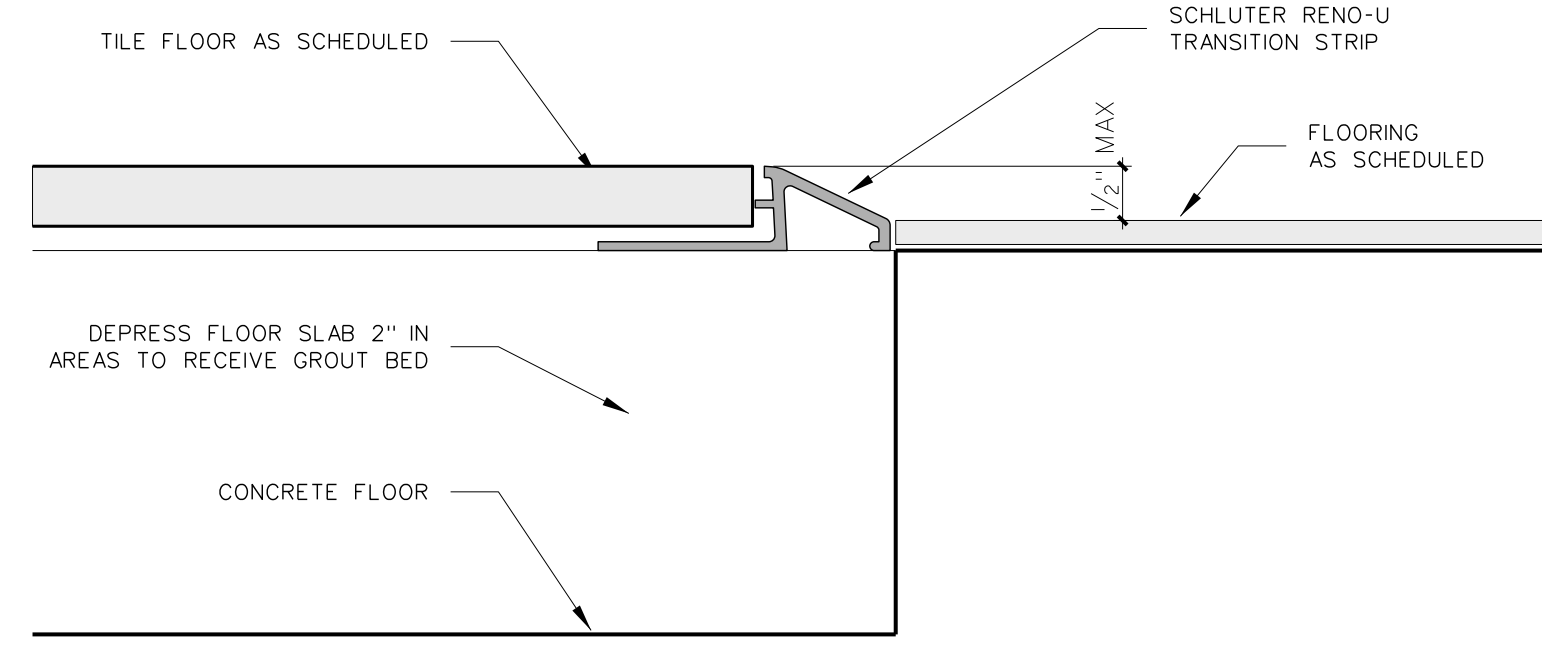
Date: 18 August 2022

Drawing no.

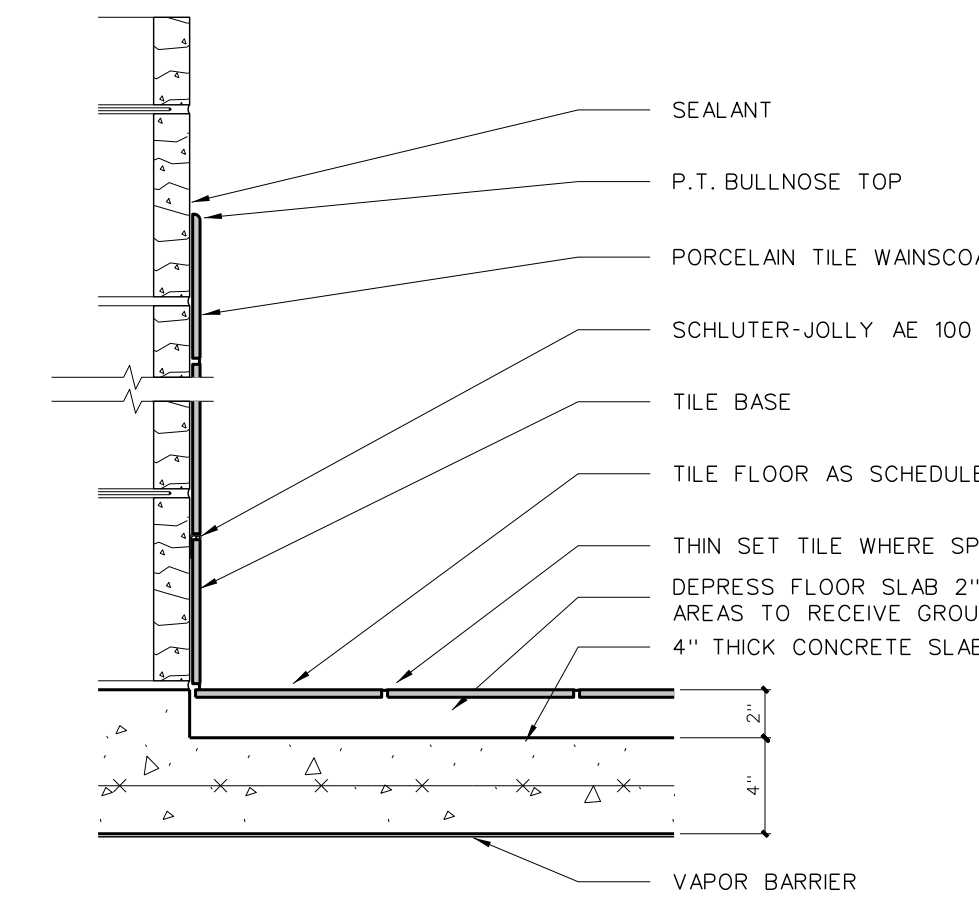
A
105



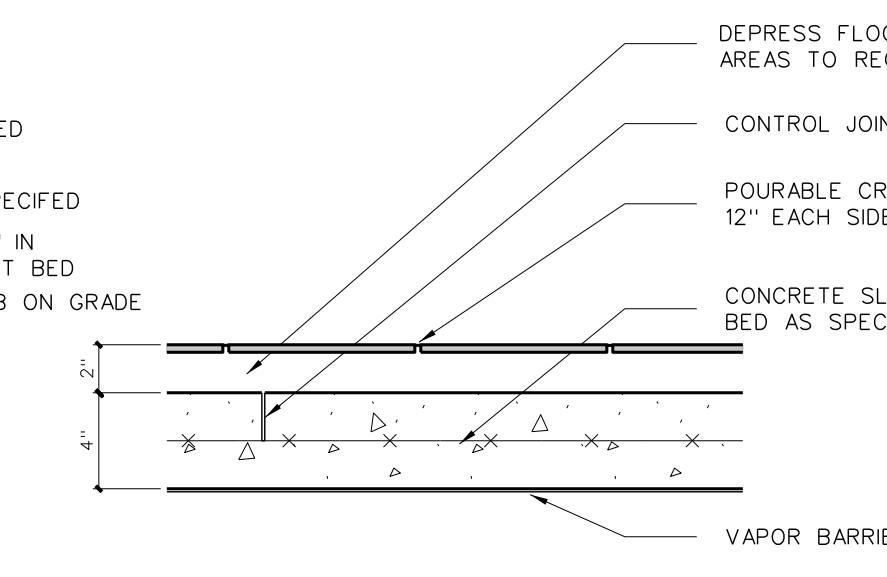
106.5 TYPICAL OUTSIDE CORNER
SCALE: FULL SIZE



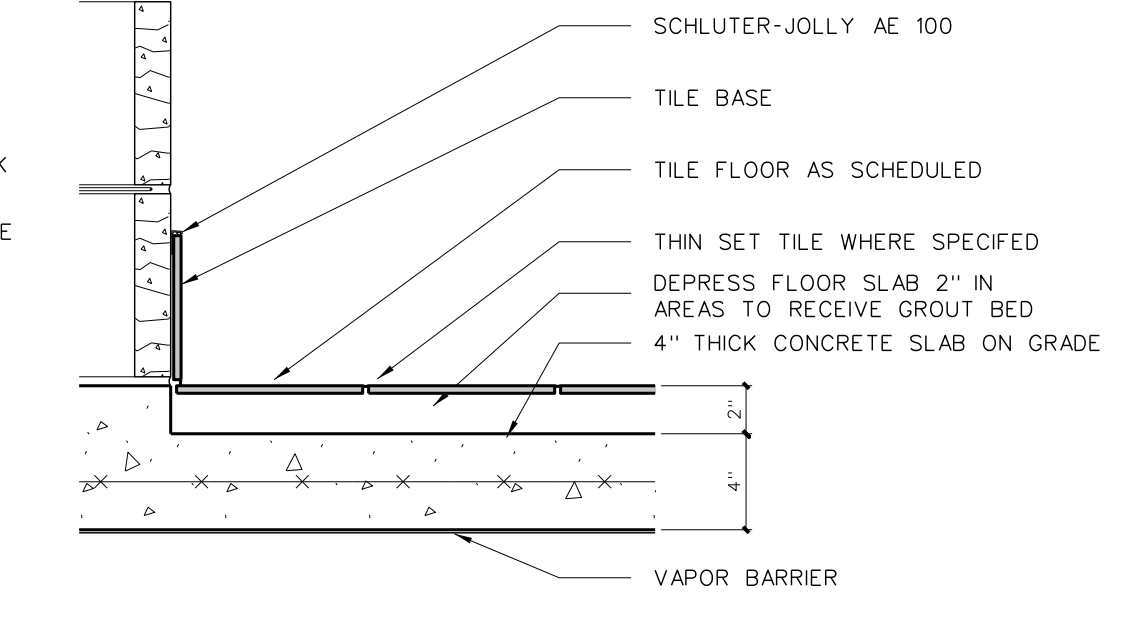
106.4 TYPICAL METAL TRANSITION STRIP
SCALE: FULL SIZE



BASE / WAINSCOT DETAIL
@ GROUT BED



DETAIL @ CONTROL JOINT



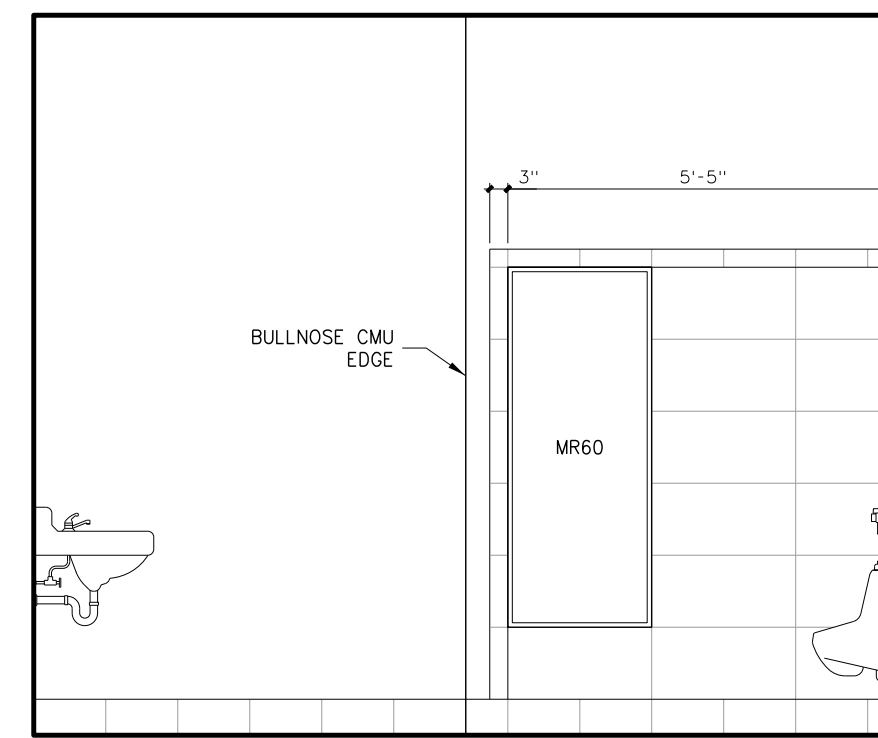
BASE DETAIL
@ GROUT BED

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

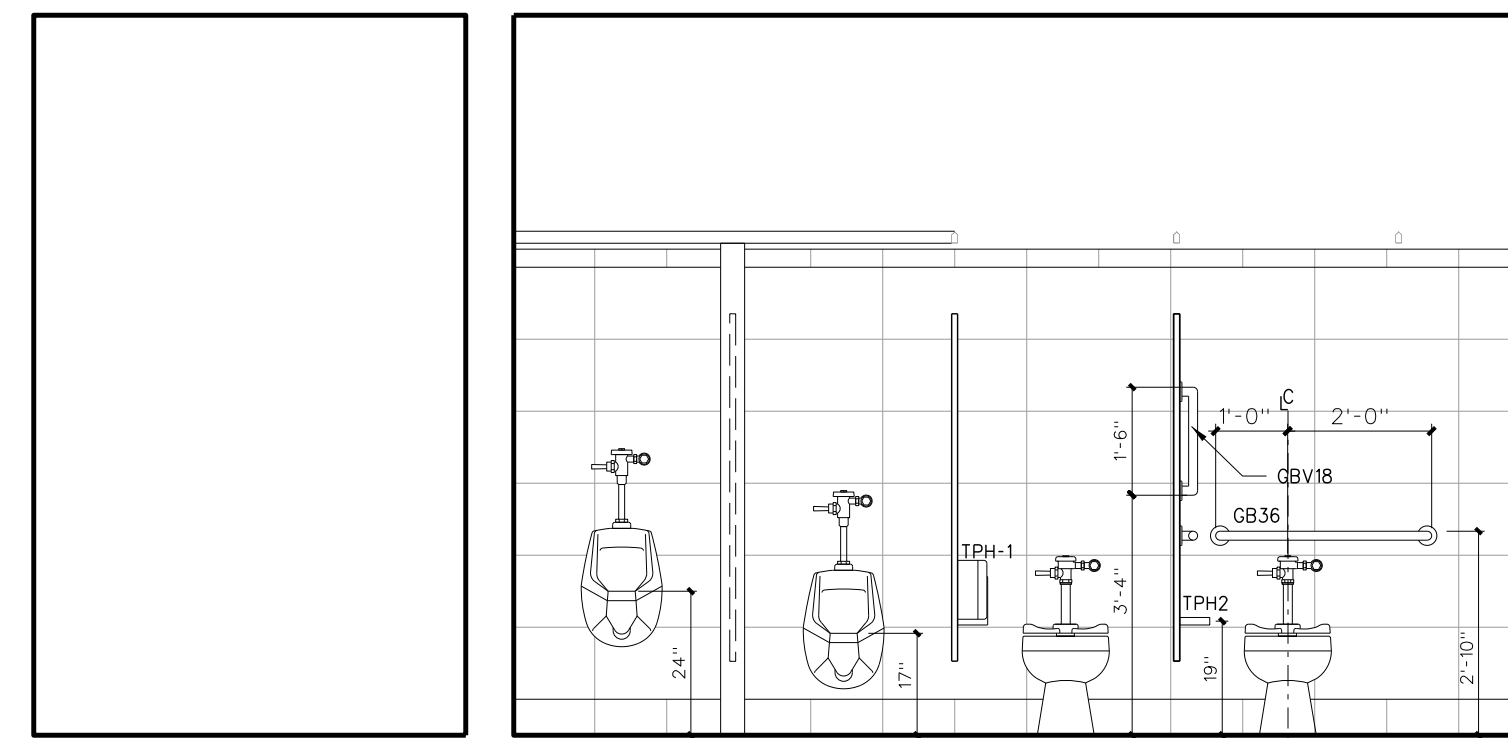
Toilet Accessory Schedule

Mark	Model	Description	Number Required	Remarks
SD	BY OWNER	LOTION SOAP DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SNDU	BY OWNER	SANITARY NAPKIN DISPENSER	FEMALE TOILETS	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH1	BY OWNER	TOILET PAPER DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH2	BOBRICK B-2740	TOILET PAPER DISPENSER	AS PER PLAN	
MR36	BOBRICK 185-1836	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
MR60	BOBRICK 185-2460	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
GB18	BOBRICK 6806-18	18" GRAB BAR (MOUNT VERTICALLY)	AS PER PLAN	
GB24	BOBRICK 6806-24	24" GRAB BAR	AS PER PLAN	
GB30	BOBRICK 6806-30	30" GRAB BAR	AS PER PLAN	
GB36	BOBRICK 6806-36	36" GRAB BAR	AS PER PLAN	
GB42	BOBRICK 6806-42	42" GRAB BAR	AS PER PLAN	
PTD	BY OWNER	PAPER TOWEL DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SSWS		STAINLESS STEEL WALL SHIELD	AS PER PLAN	1/2 GA. TYPE 304 STAINLESS STEEL
FSS-1	BOBRICK 5191	FOLDING SHOWER SEAT	AS PER PLAN	H/C TRANSFER TYPE SHOWER
SSCR	BOBRICK 6047	SHOWER CURTAIN ROD	ONE EACH SHOWER	PROVIDE VINYL CURTAIN BOBRICK 204-2/204-3 W/ HOOKS
SDH	BOBRICK-973	SOAP DISH	ONE EACH SHOWER	SEE ELEVATION
DRH	BOBRICK 7672	DOUBLE ROBE HOOK	ONE EACH SHOWER	
MPR	BOBRICK 239x34	MDP RACK	ONE EACH CUSTODIAN ROOM	PLACE OVER MDP SINK

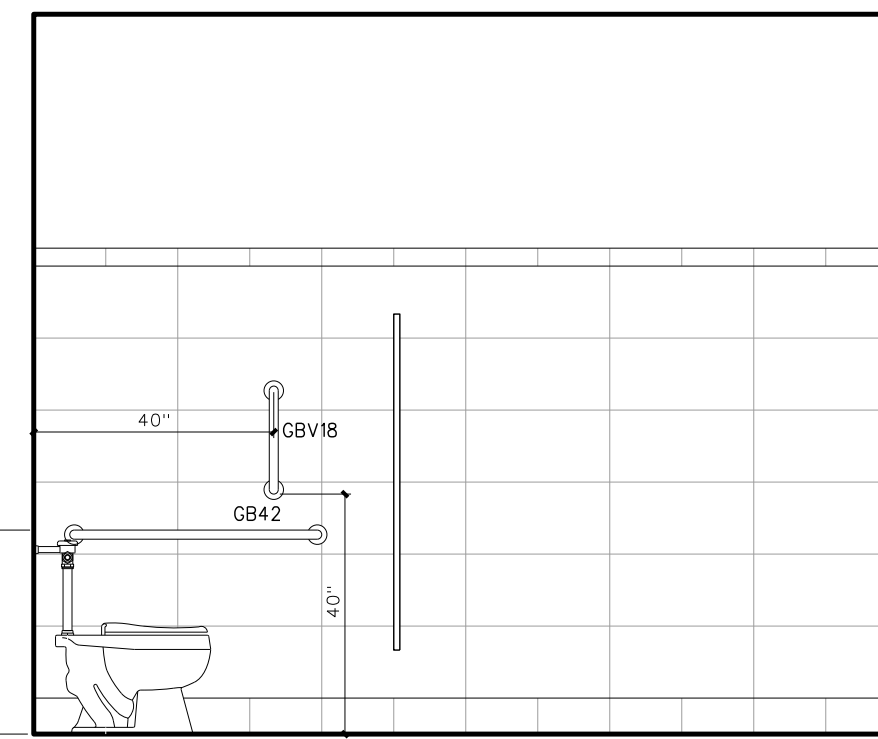
ALL MODEL NUMBERS REFERENCE BOBRICK ACCESSORY
PROVIDE BLOCKING AS REQUIRED FOR TOILET ACCESSORIES AND DOOR STOPS



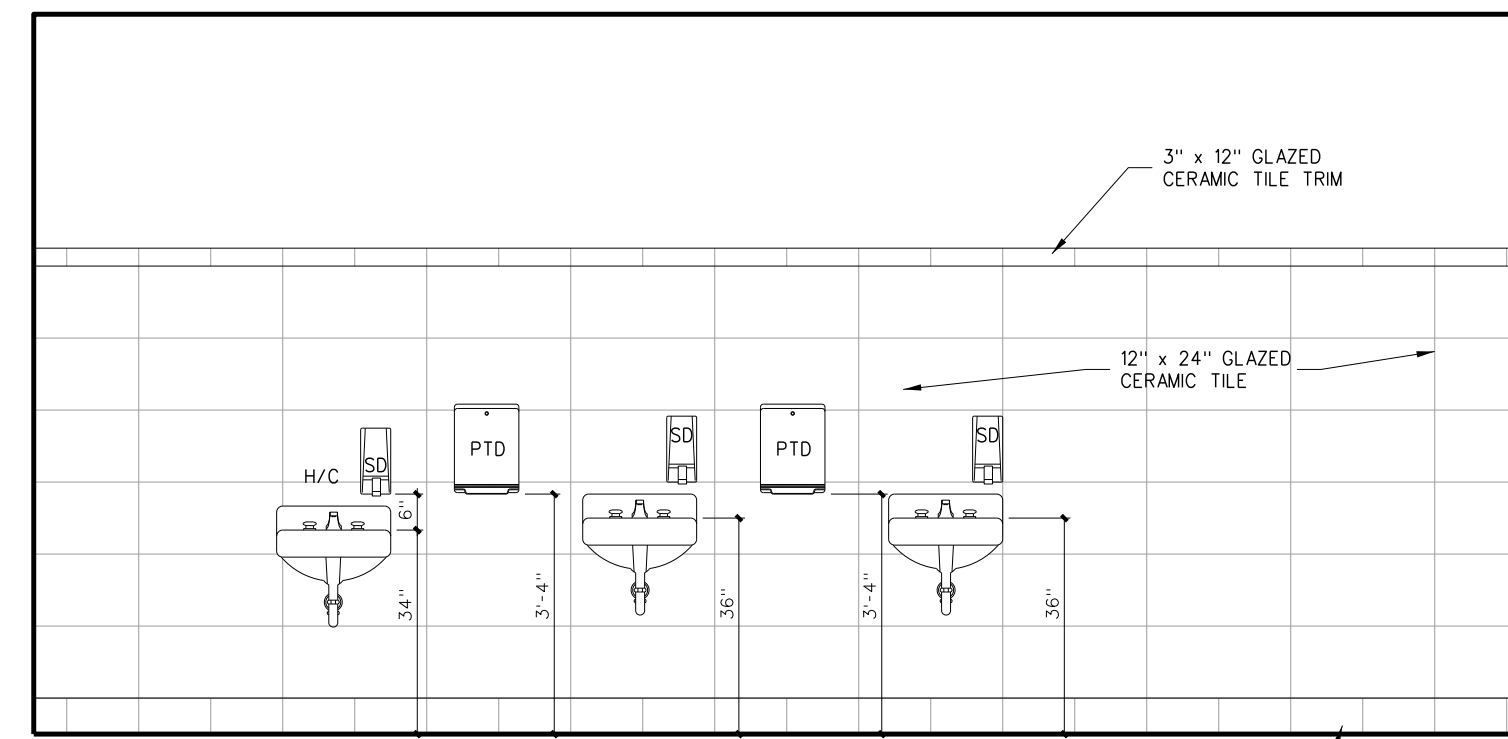
D MEN 000



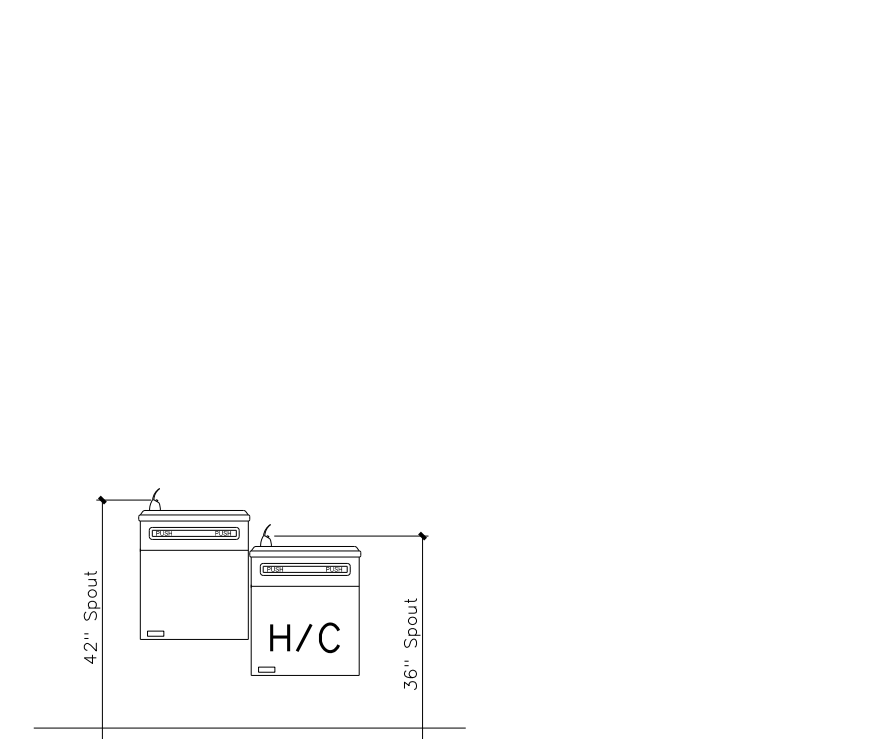
C MEN 119



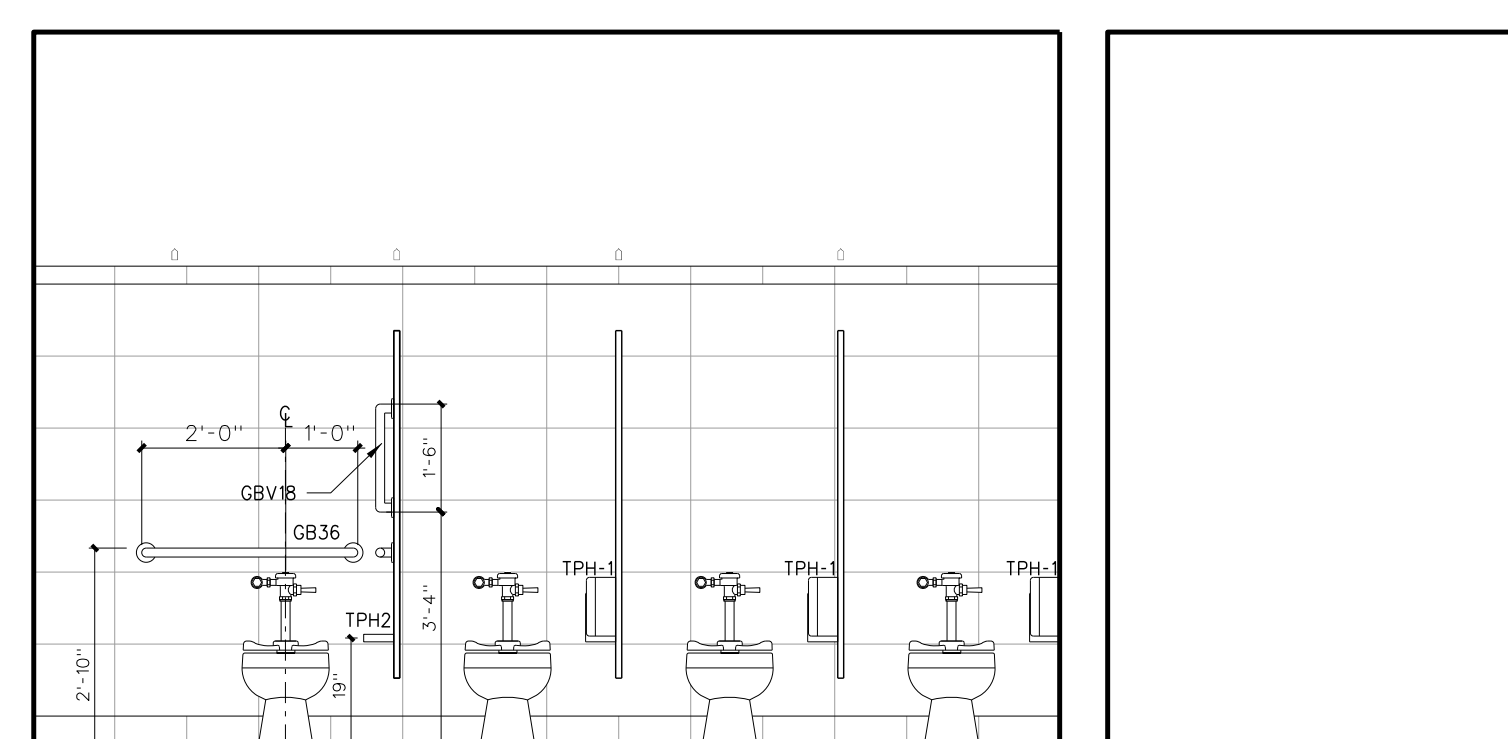
B MEN 119



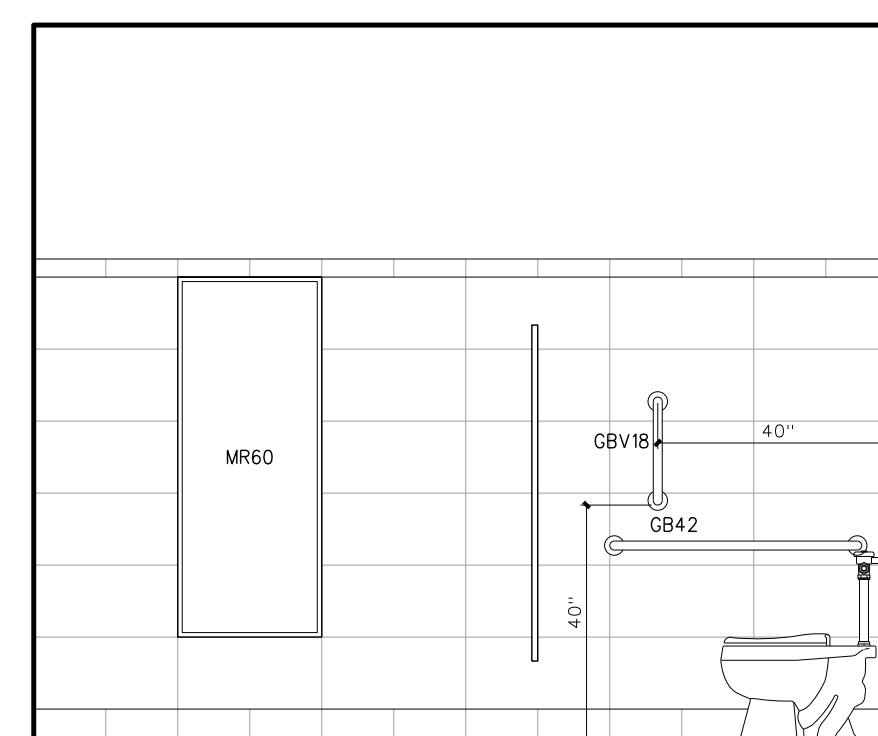
A MEN 119



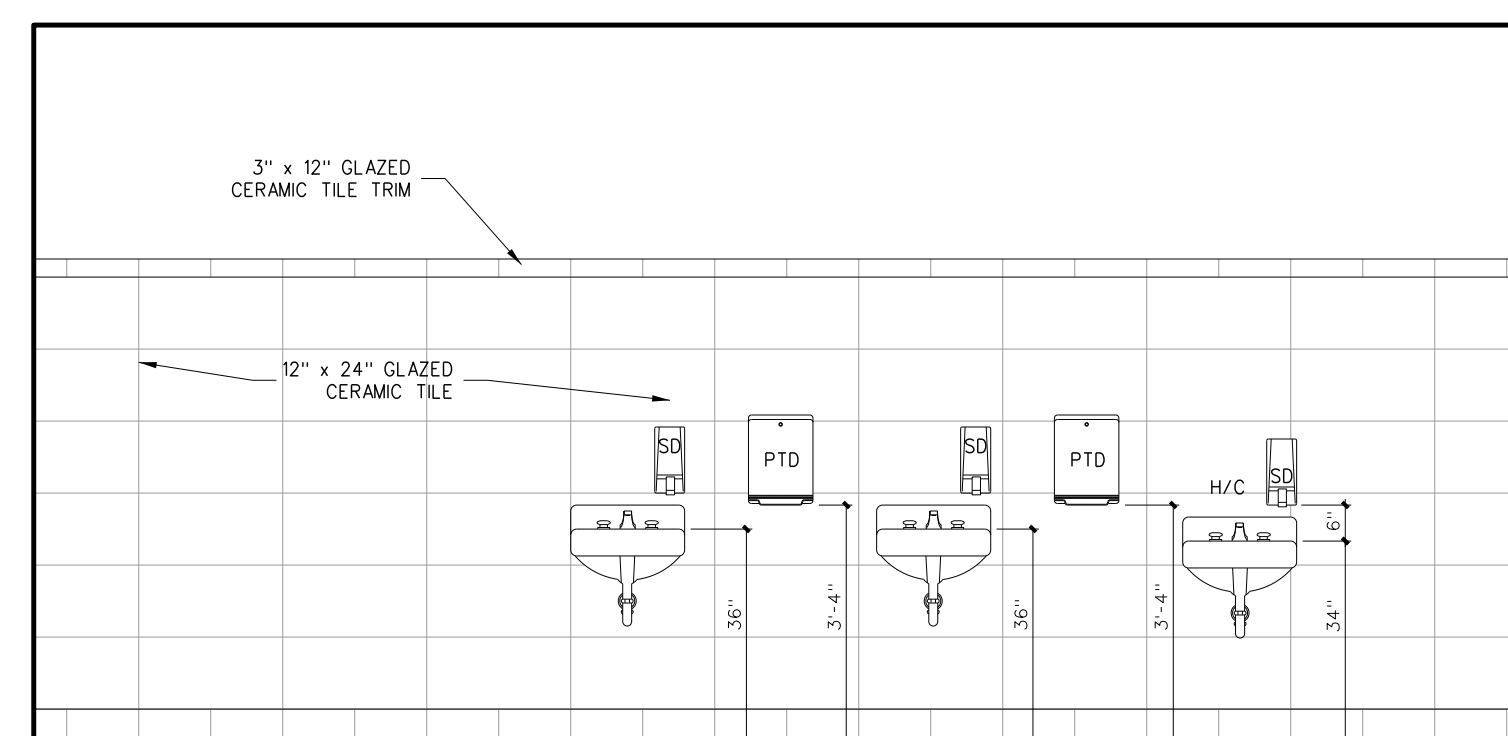
A DINING 100



C WOMEN 118

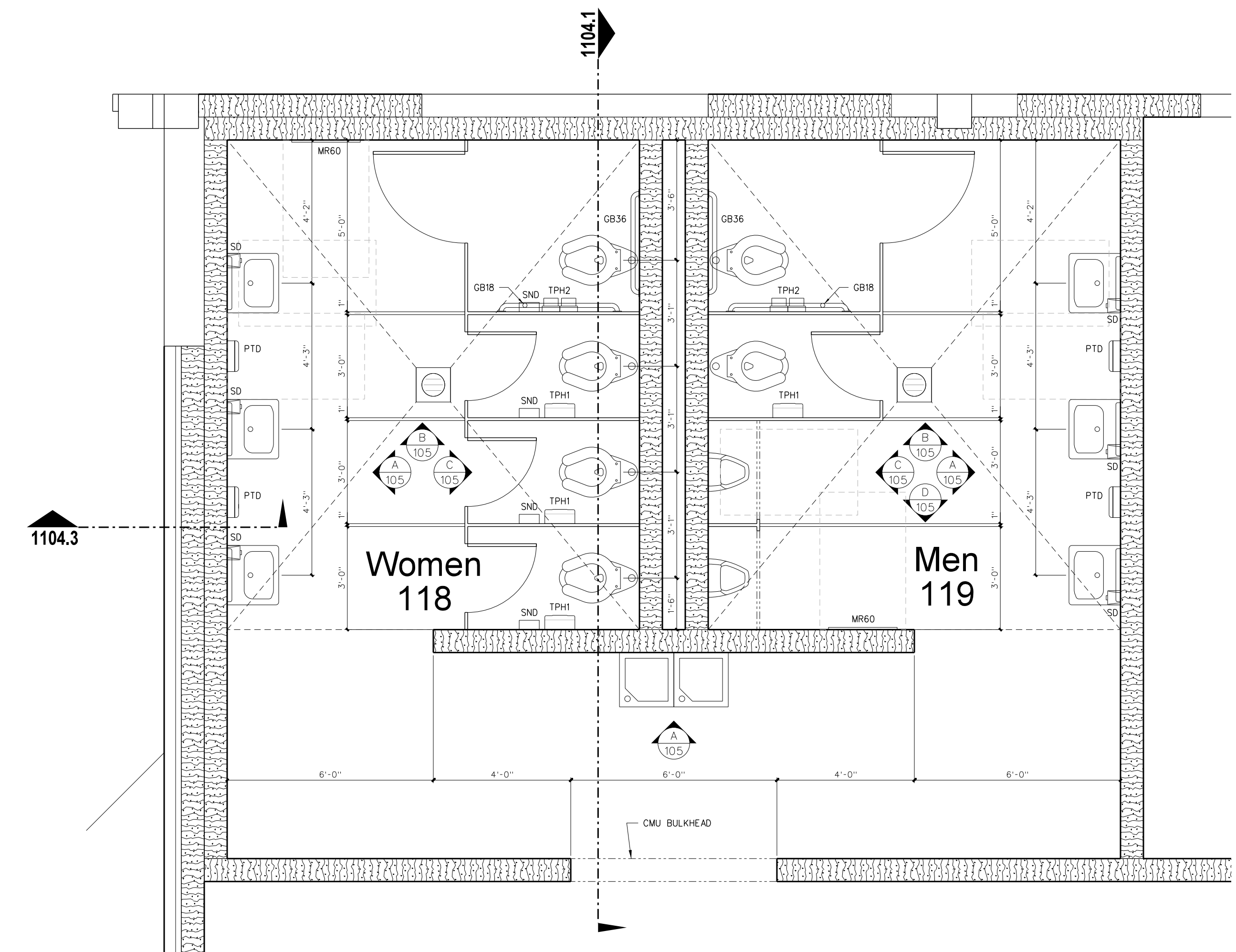


B WOMEN 118



A WOMEN 118

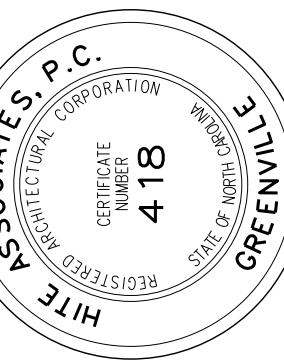
106.2 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



106.1 ENLARGED TOILETS PLAN
SCALE: 3/8" = 1'-0"

No.	Date	Revision

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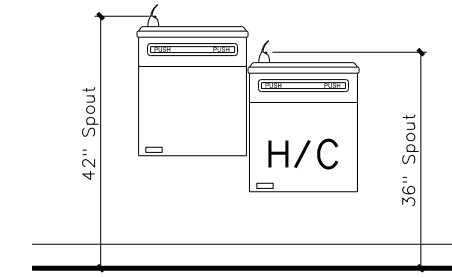
New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112

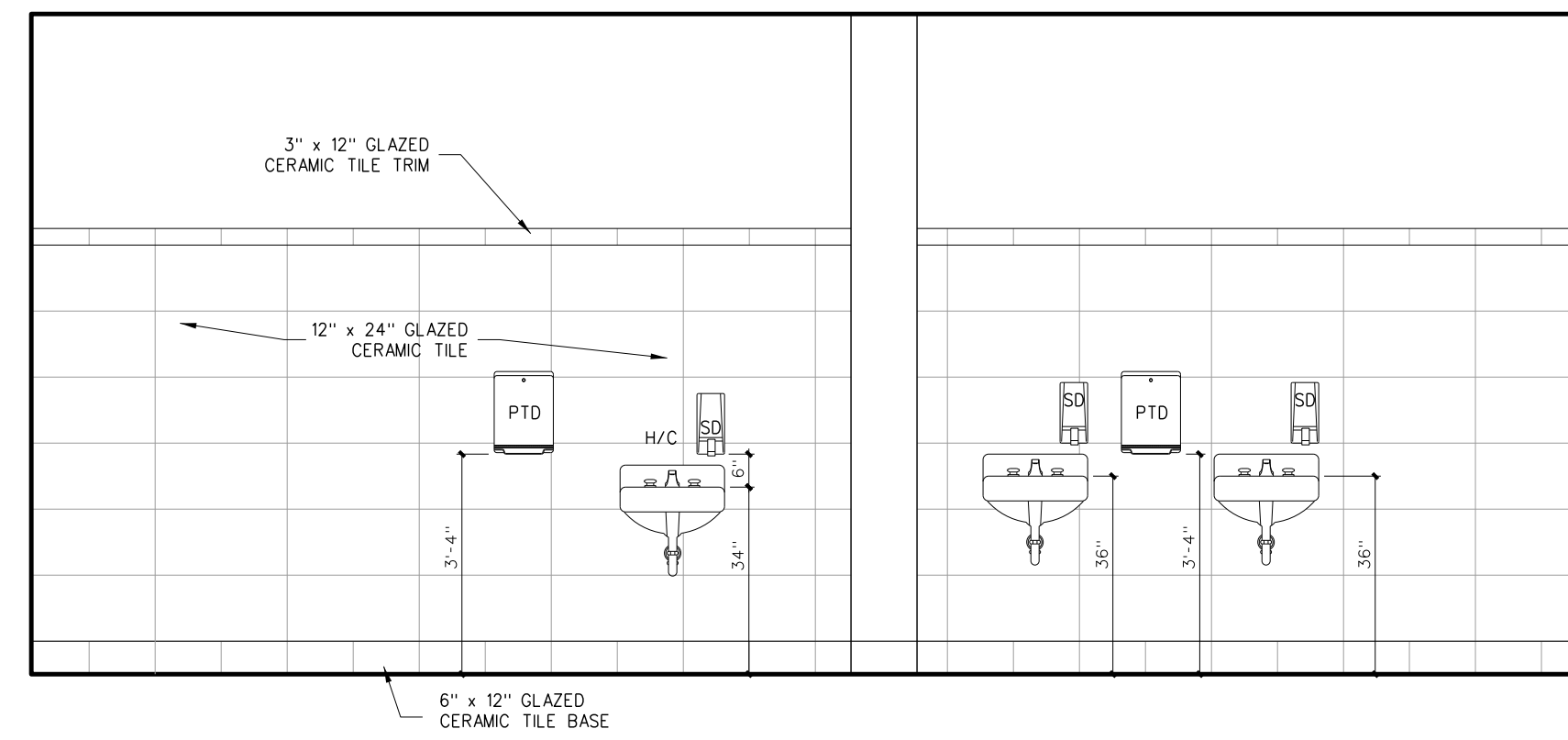
Date: 18 August 2022

Drawing no.

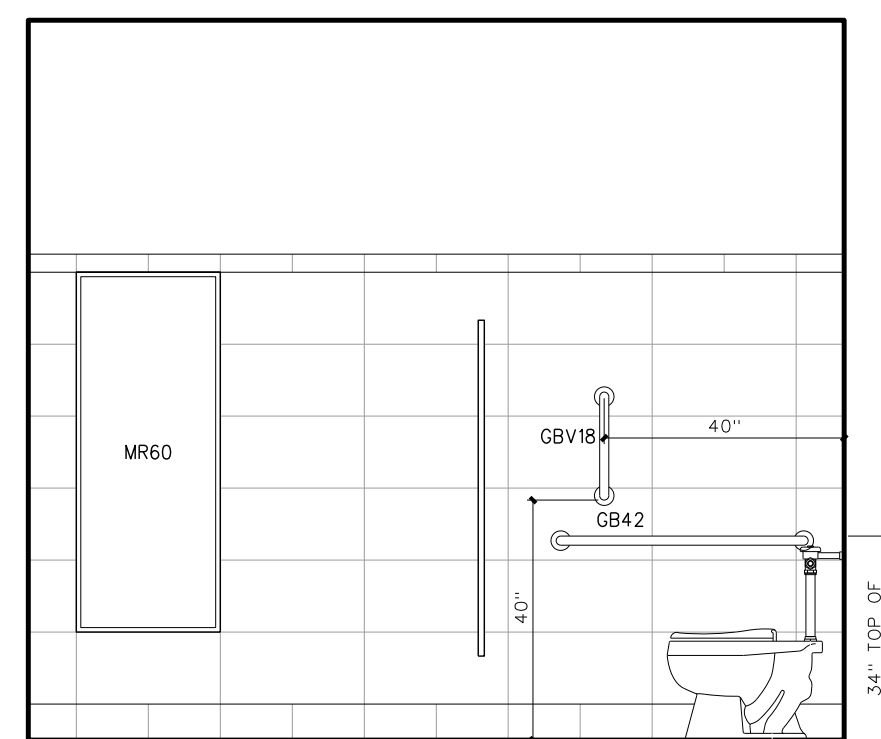
A
106



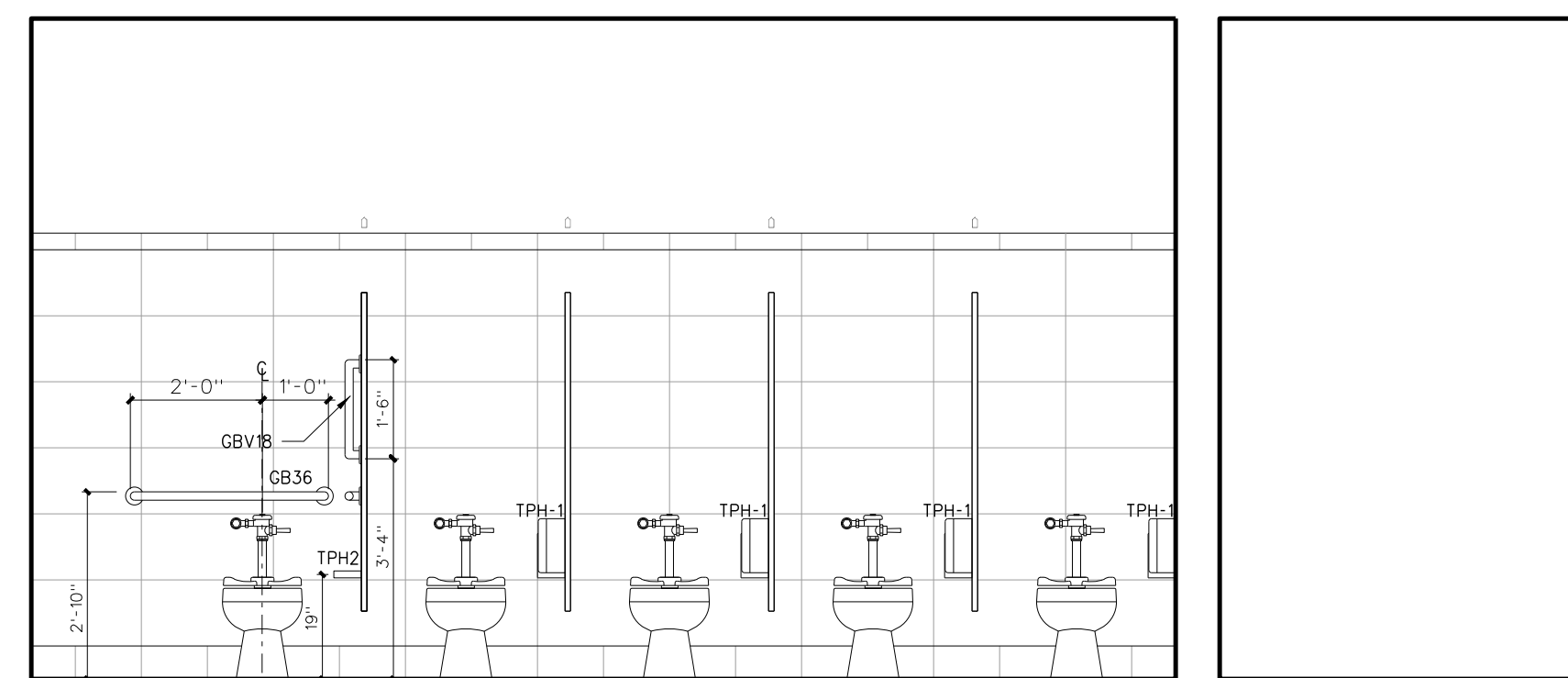
A CORRIDOR 160



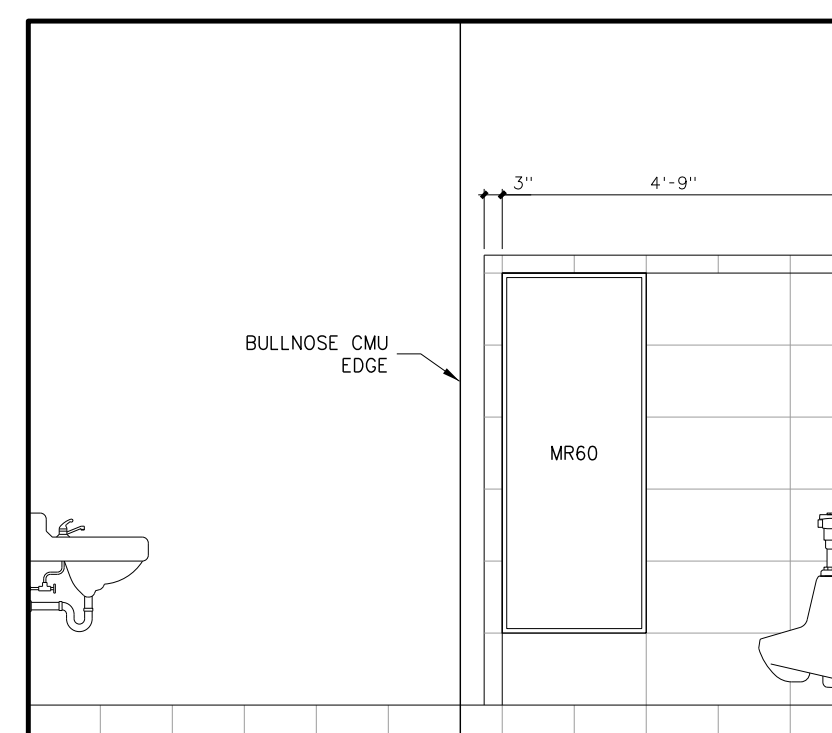
C WOMEN 162



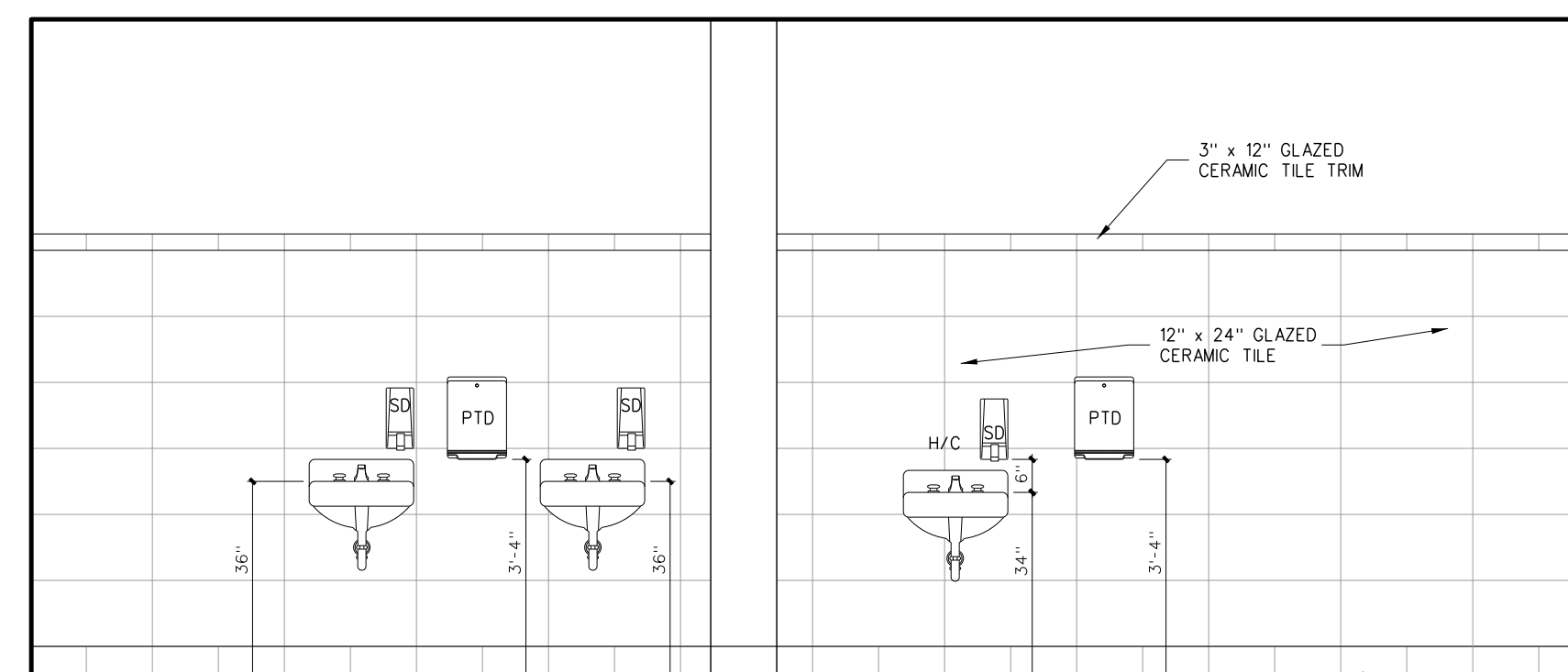
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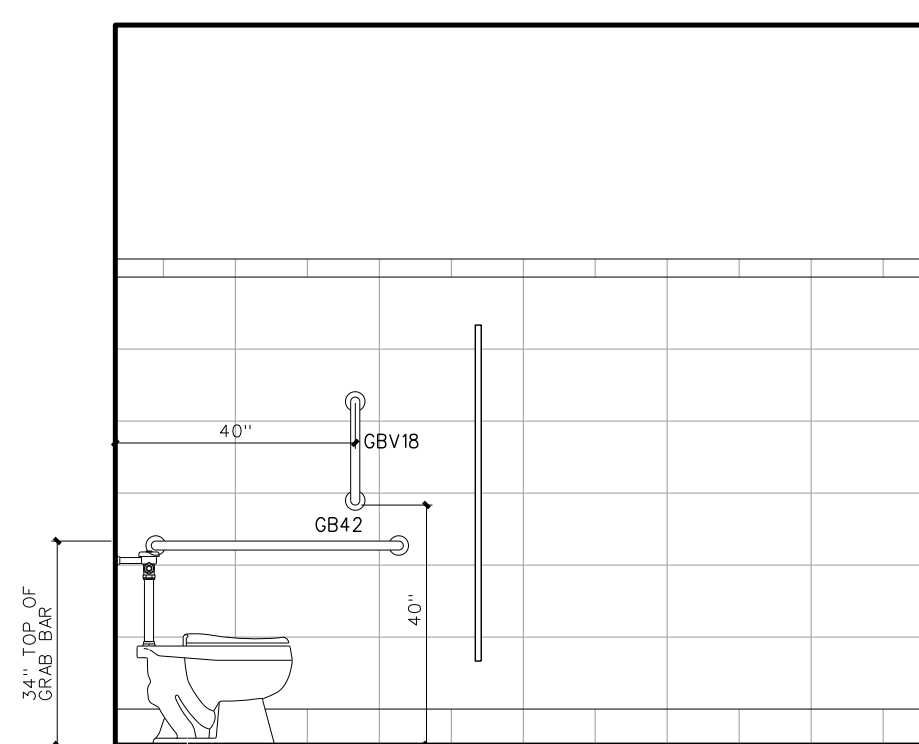
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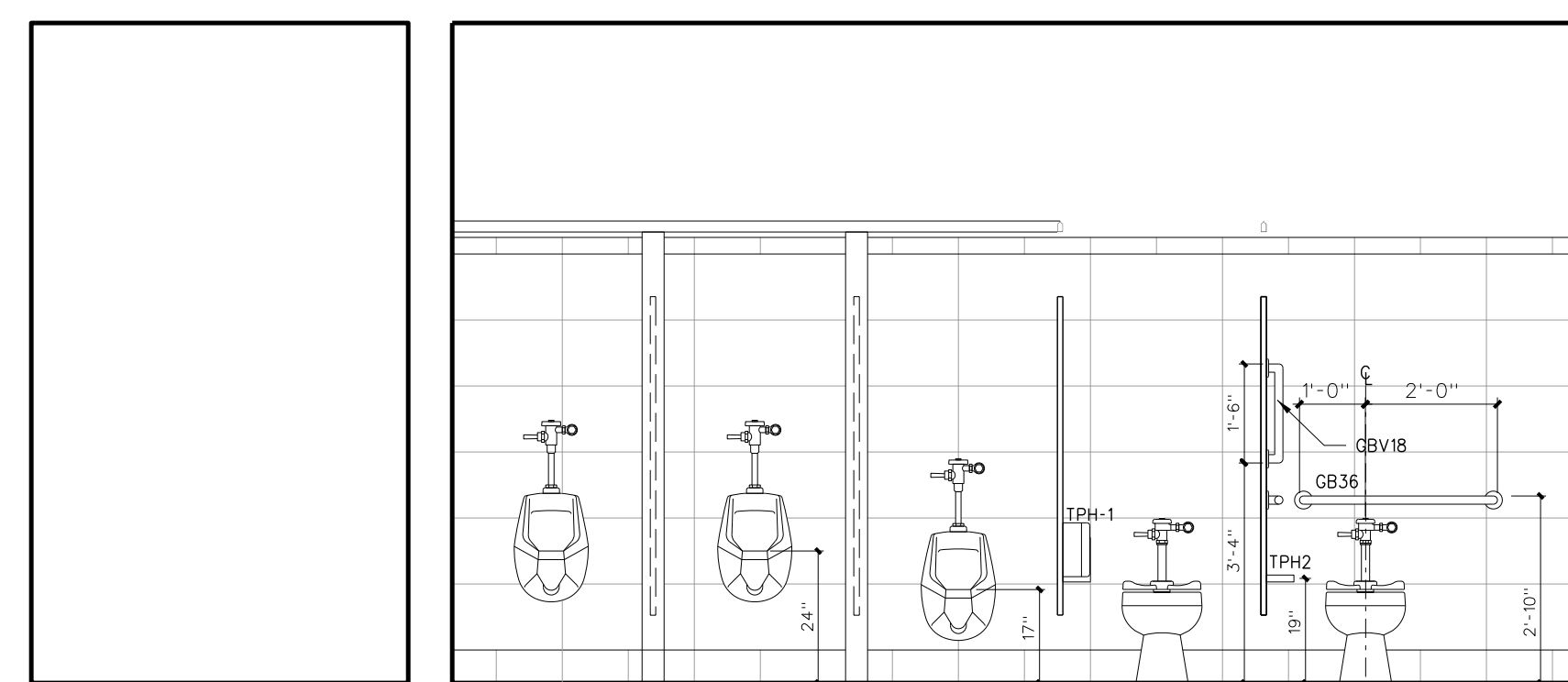
D MEN 161



C MEN 161



B MEN 161

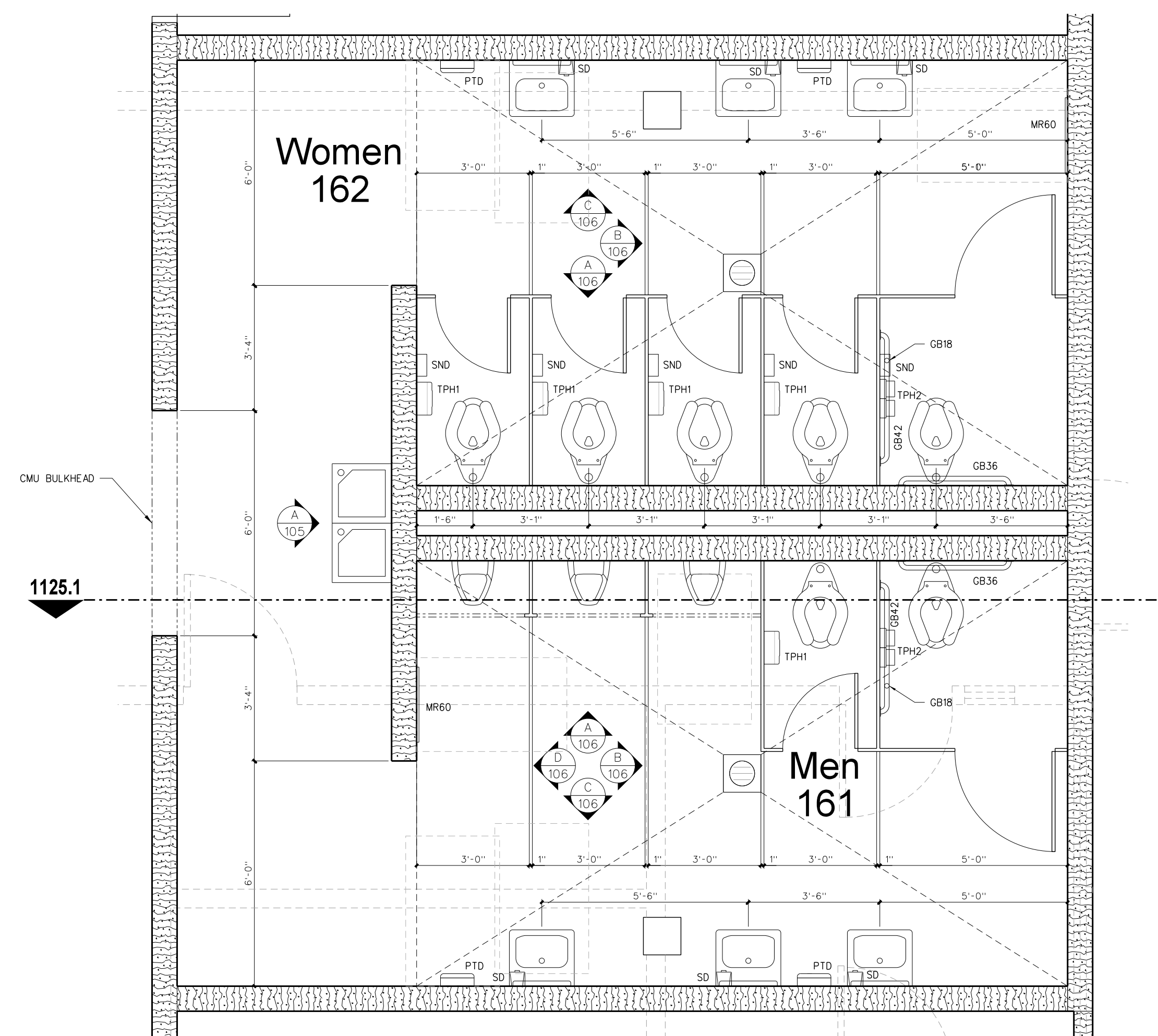


A MEN 161

Toilet Accessory Schedule

Mark	Model	Description	Number Required	Remarks
SD	BY OWNER	LOTION SOAP DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SNDU	BY OWNER	SANITARY NAPKIN DISPENSER	FEMALE TOILETS	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH1	BY OWNER	TOILET PAPER DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH2	BOBRICK B-2740	TOILET PAPER DISPENSER	AS PER PLAN	
MR36	BOBRICK 85-1836	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
MR60	BOBRICK 85-2460	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
GB18	BOBRICK 6806-18	18" GRAB BAR (MOUNT VERTICALLY)	AS PER PLAN	
GB24	BOBRICK 6806-24	24" GRAB BAR	AS PER PLAN	
GB30	BOBRICK 6806-30	30" GRAB BAR	AS PER PLAN	
GB36	BOBRICK 6806-36	36" GRAB BAR	AS PER PLAN	
GB42	BOBRICK 6806-42	42" GRAB BAR	AS PER PLAN	
PTD	BY OWNER	PAPER TOWEL DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SSWS		STAINLESS STEEL WALL SHIELD	AS PER PLAN	16 GA TYPE 304 STAINLESS STEEL
FSS-1	BOBRICK 5191	FOLDING SHOWER SEAT	AS PER PLAN	H/C TRANSFER TYPE SHOWER
SSCR	BOBRICK 6047	SHOWER CURTAIN ROD	ONE EACH SHOWER	PROVIDE VINYL CURTAIN BOBRICK 204-2/204-3 W/ HOOKS
SDH	BOBRICK-973	SOAP DISH	ONE EACH SHOWER	SEE ELEVATION
DRH	BOBRICK 7672	DOUBLE ROBE HOOK	ONE EACH SHOWER	
MFR	BOBRICK 239x34	MOP RACK	ONE EACH CUSTODIAN ROOM	PLACE OVER MOP SINK

ALL MODEL NUMBERS REFERENCE BOBRICK ACCESSORY
PROVIDE BLOCKING AS REQUIRED FOR TOILET ACCESSORIES AND DOOR STOPS



107.1 ENLARGED TOILETS PLAN
SCALE: 3/8" = 1'-0"

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

No.	Date	Revision

Hite associates
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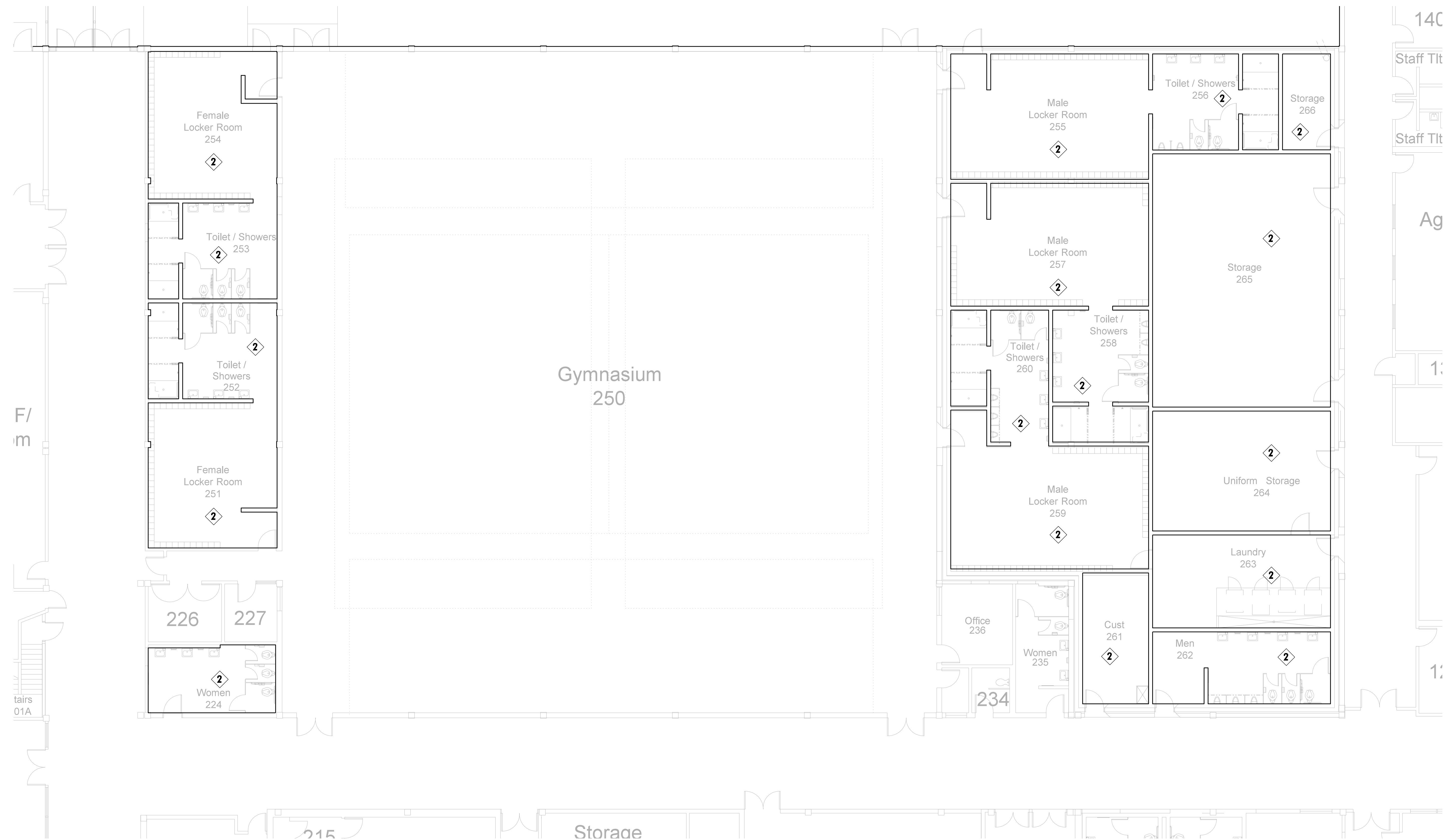


New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No.	22112
Date:	18 August 2022
Drawing no.	A 107

CEILING FINISH SCHEDULE	
TYPE 1	24"x24"x 5/8" ARMSTRONG YUKON HUMGRARD PLUS NO. 8770 SQUARE EDGE / PRELUDE XL GRID.
TYPE 2	PAINT EXPOSED STRUCTURE, MECH. AND ELECT. WORK
TYPE 3	24"x24"x 5/8" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL PRELUDE PLUS GRID.
TYPE 4	5/8" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM
TYPE 5	5/8" GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM.
TYPE 6	ACOUSTICAL SPRAY MATERIAL - SEE ROOM FINISH SCHEDULE FOR COLOR.
TYPE 7	R-30 SIMPLE SAVER INSULATION SYSTEM AS SPECIFIED
NOTE: (1) PROVIDE TYPE 1 CEILING UNLESS OTHERWISE NOTED. (2) PROVIDE 24" x 24" CEILING ACCESS DOOR IN EACH SPACE WITH DRYWALL CEILING.	

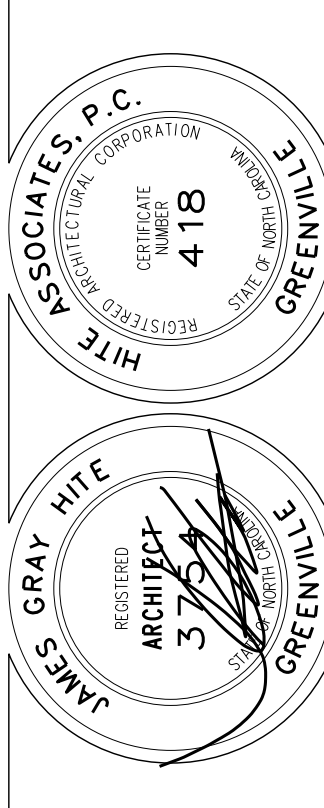
LEGEND - REFLECTED CEILING PLAN	
	CEILING TYPE - SEE CEILING FINISH SCHEDULE
	CEILING HEIGHT ABOVE FINISH FLOOR
	SLOPED CEILING
	CEILING HEIGHT ABOVE FINISH FLOOR - LOW SIDE
	CEILING HEIGHT ABOVE FINISH FLOOR - HIGH SIDE
	2 x 2 ACOUSTICAL TILE AND GRID
	GYPSUM BOARD CEILING
	MOISTURE RESISTANT GYPSUM BOARD CEILING
	EXPOSED STRUCTURE
	METAL SOFFIT
	EFS 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
	SPEAKER
	SUPPLY AIR GRILLE
	RETURN AIR GRILLE
	EXHAUST FAN
	SMOKE SENSOR
	SECURITY CAMERA



202.1 200 UNIT REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

No.	Date	Revision

Hite associates
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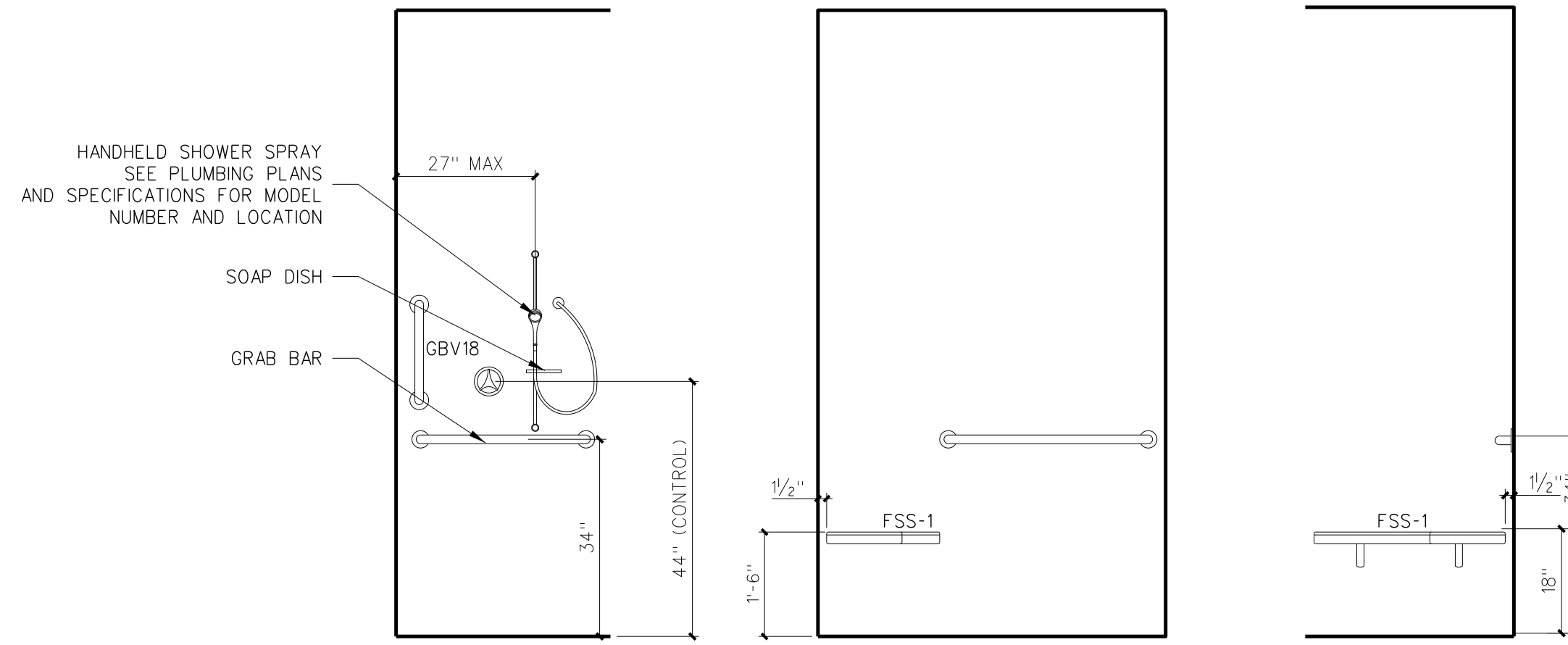
New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No.	22112
Date:	18 August 2022
Drawing No.	A 202

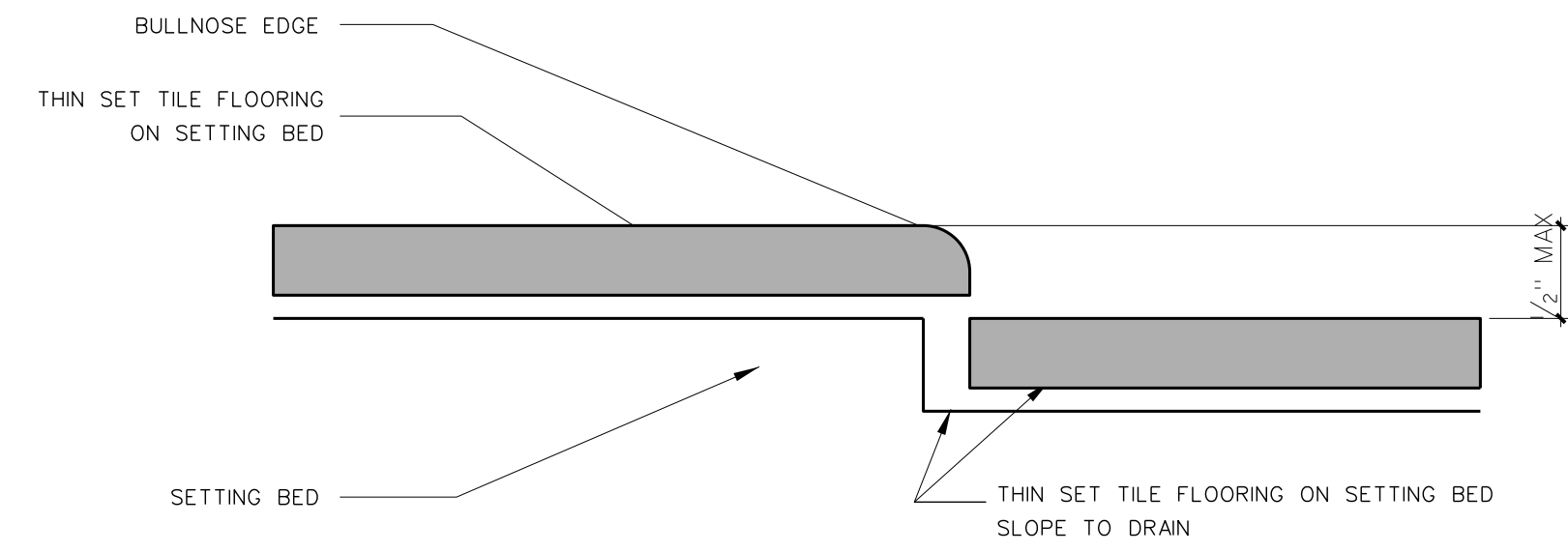
Toilet Accessory Schedule

Mark	Model	Description	Number Required	Remarks
SD	BY OWNER	LOTION SOAP DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SNDU	BY OWNER	SANITARY NAPKIN DISPENSER	FEMALE TOILETS	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH1	BY OWNER	TOILET PAPER DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH2	BOBRICK B-2740	TOILET PAPER DISPENSER	AS PER PLAN	
MR36	BOBRICK 165-1836	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
MR60	BOBRICK 165-2460	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
GB18	BOBRICK 6806-18	18" GRAB BAR (MOUNT VERTICALLY)	AS PER PLAN	
GB24	BOBRICK 6806-24	24" GRAB BAR	AS PER PLAN	
GB30	BOBRICK 6806-30	30" GRAB BAR	AS PER PLAN	
GB36	BOBRICK 6806-36	36" GRAB BAR	AS PER PLAN	
GB42	BOBRICK 6806-42	42" GRAB BAR	AS PER PLAN	
PTD	BY OWNER	PAPER TOWEL DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SSWS	BY OWNER	STAINLESS STEEL WALL SHIELD	AS PER PLAN	16 GA TYPE 304 STAINLESS STEEL
FSS-1	BOBRICK 5191	FOLDING SHOWER SEAT	AS PER PLAN	H/C TRANSFER TYPE SHOWER
SSCR	BOBRICK 6047	SHOWER CURTAIN ROD	ONE EACH SHOWER	PROVIDE VINYL CURTAIN BOBRICK 204-2/204-3 W/ HOOKS
SDH	BOBRICK-973	SOAP DISH	ONE EACH SHOWER	SEE ELEVATION
DRH	BOBRICK 7672	DOUBLE ROBE HOOK	ONE EACH SHOWER	
MPR	BOBRICK 239x34	MOP RACK	ONE EACH CUSTODIAN ROOM	PLACE OVER MOP SINK

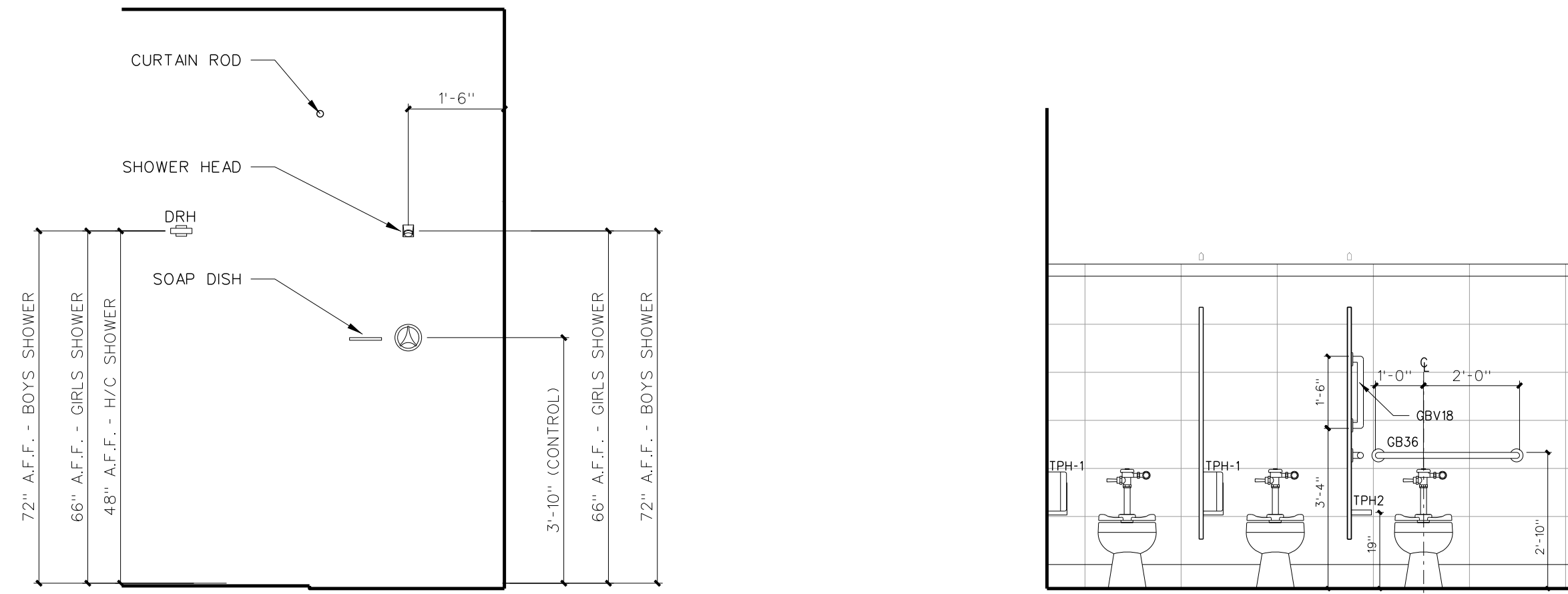
ALL MODEL NUMBERS REFERENCE BOBRICK ACCESSORY
PROVIDE BLOCKING AS REQUIRED FOR TOILET ACCESSORIES AND DOOR STOPS



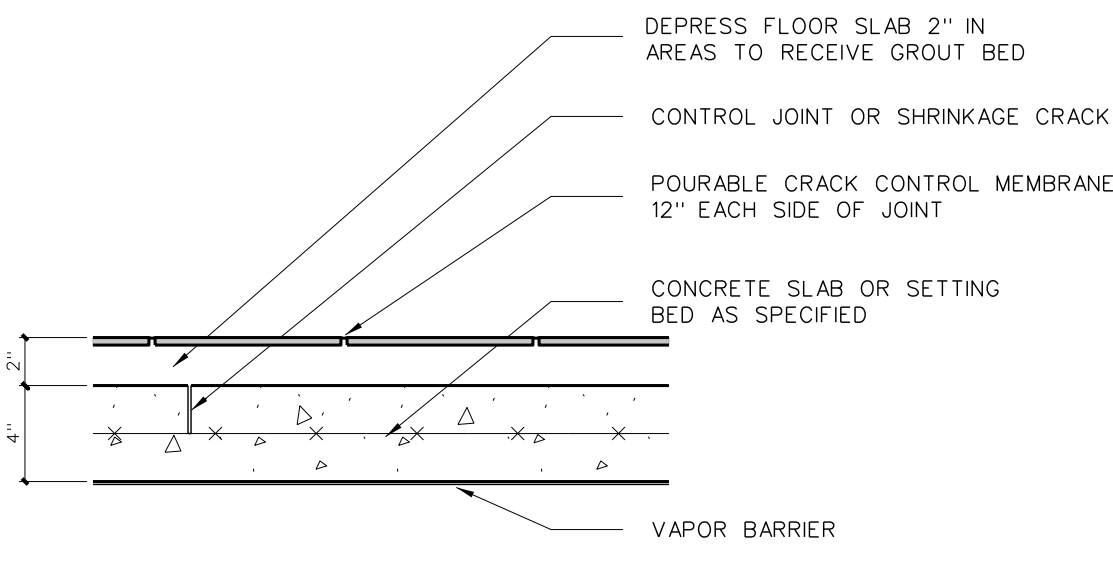
203.5 H/C Shower Elevation
SCALE: 1/2" = 1'-0"



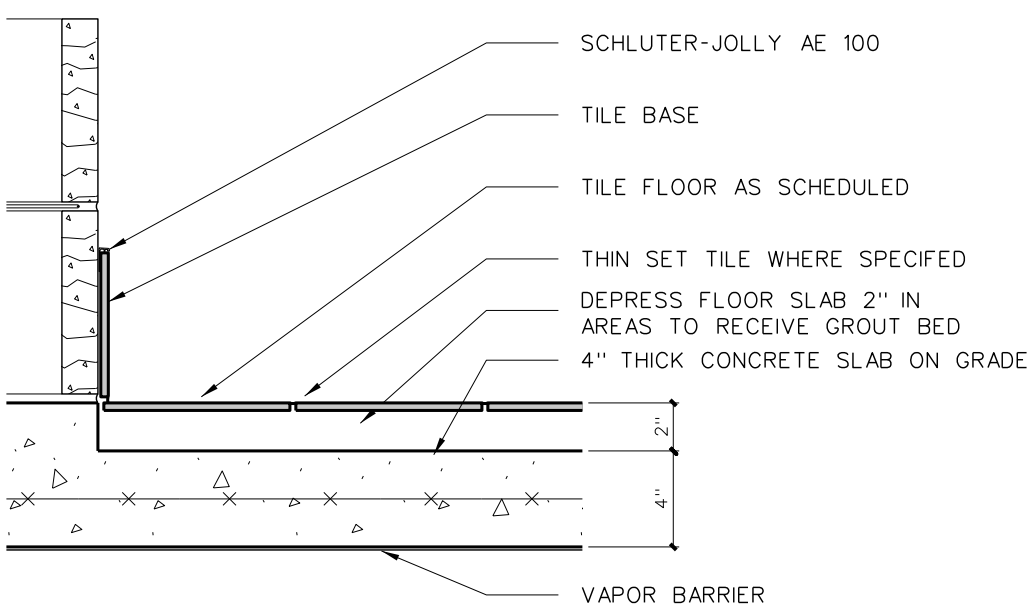
203.6 SHOWER TRANSITION DETAIL
SCALE: FULL



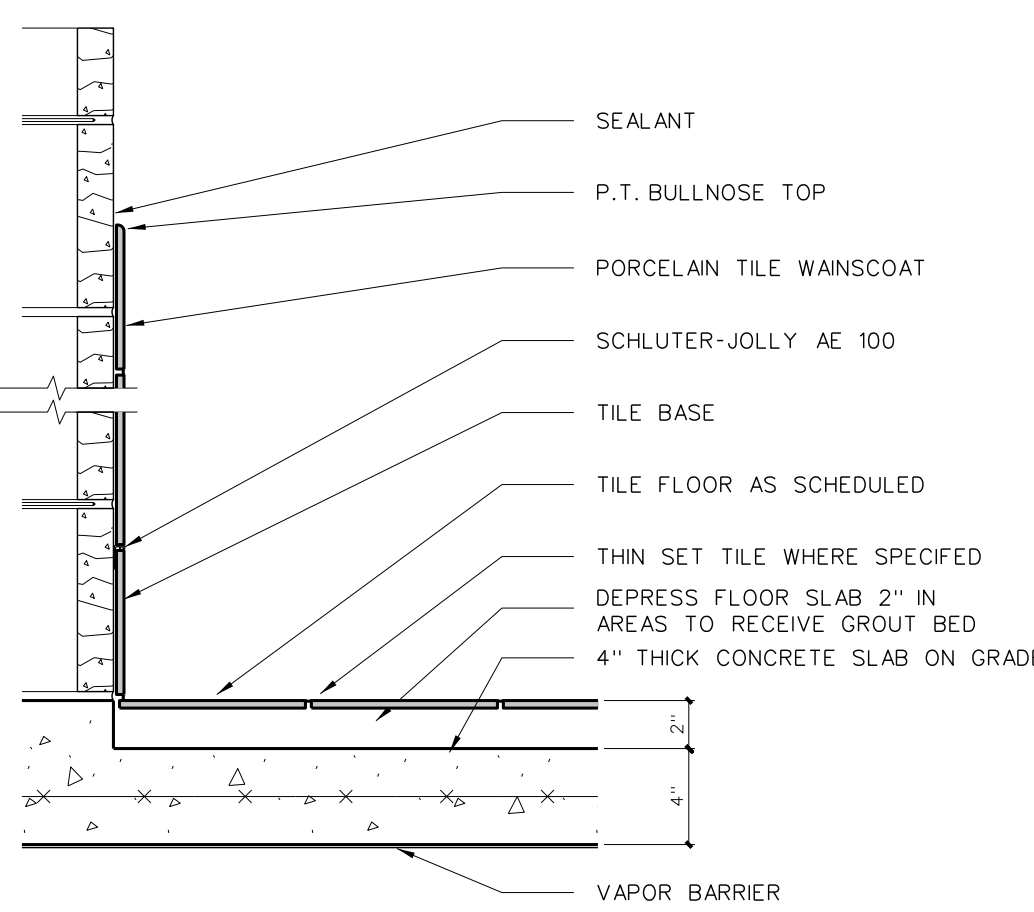
203.4 Standard Shower Elevation
SCALE: 1/2" = 1'-0"



DETAIL @ CONTROL JOINT

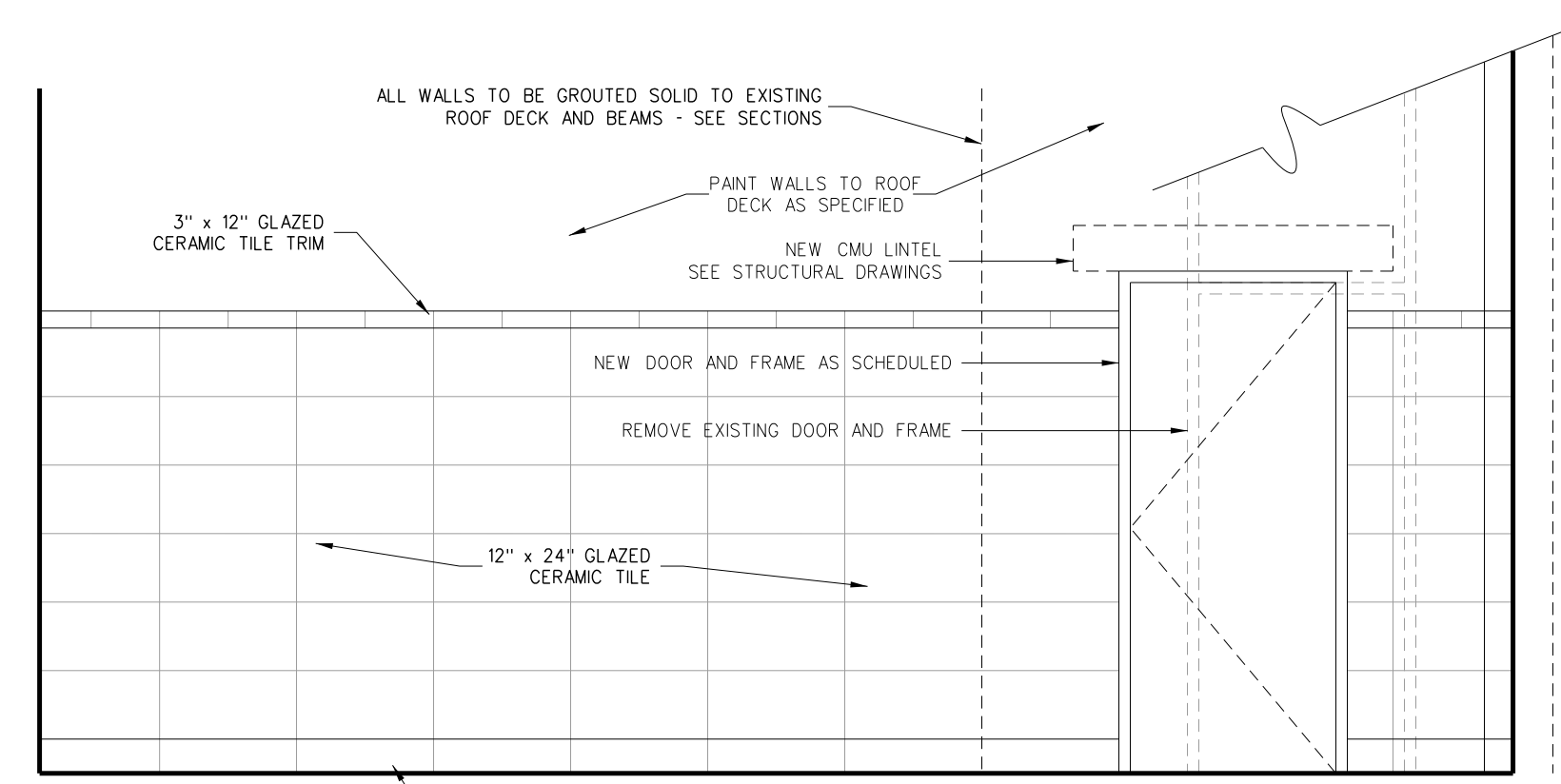


BASE DETAIL @ GROUT BED

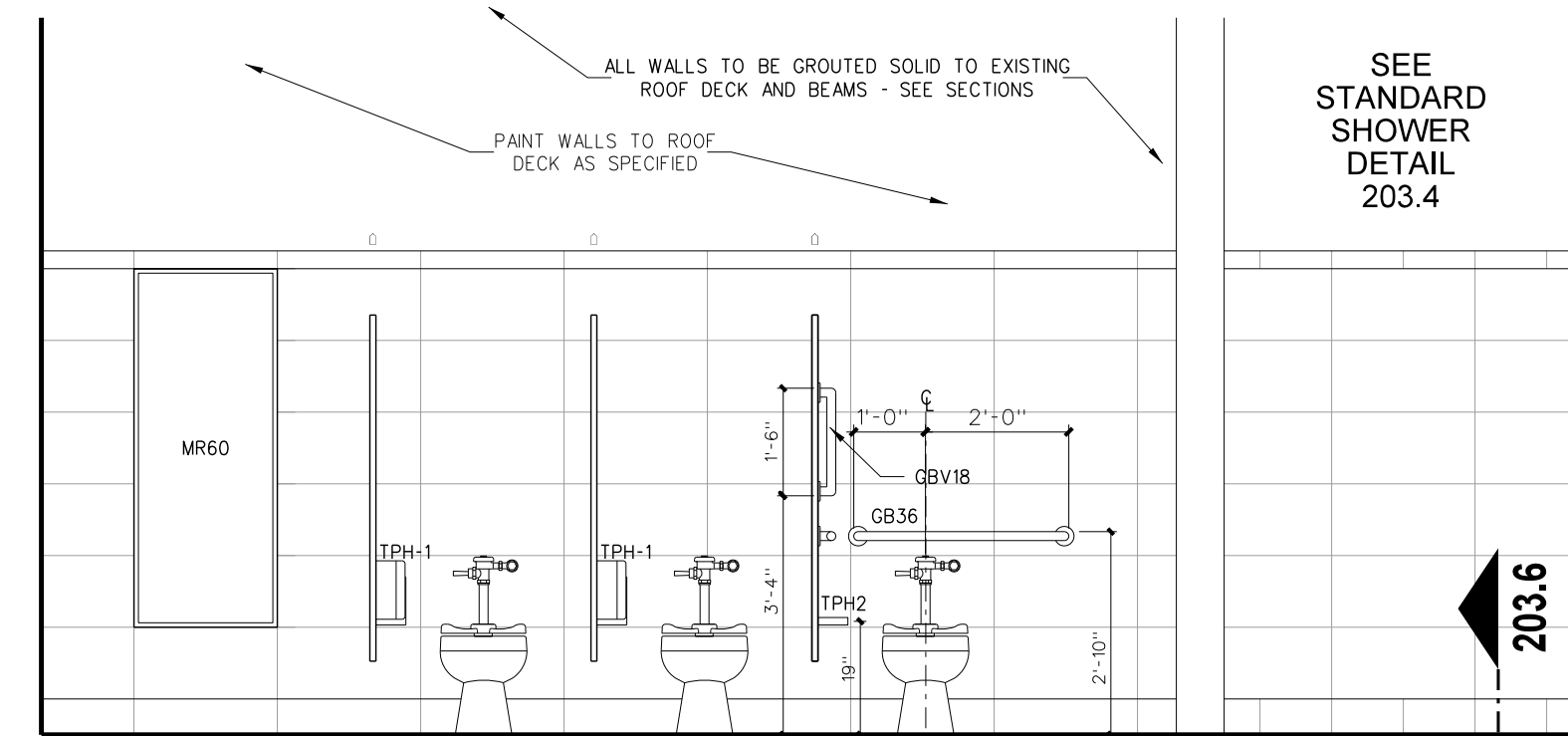


BASE / WAINSCOT DETAIL @ GROUT BED

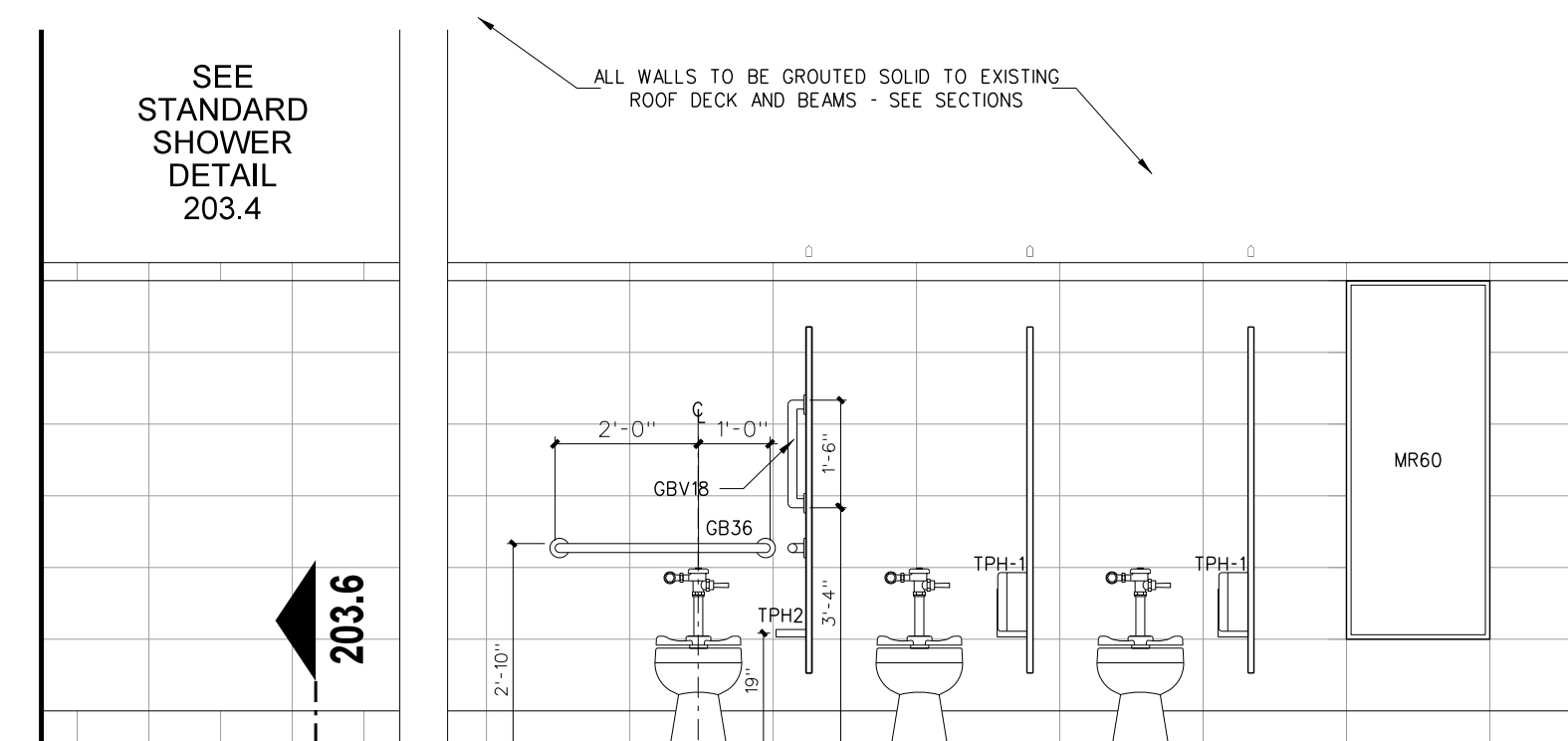
203.7 TILE DETAILS
SCALE: 1 1/2" = 1'-0"



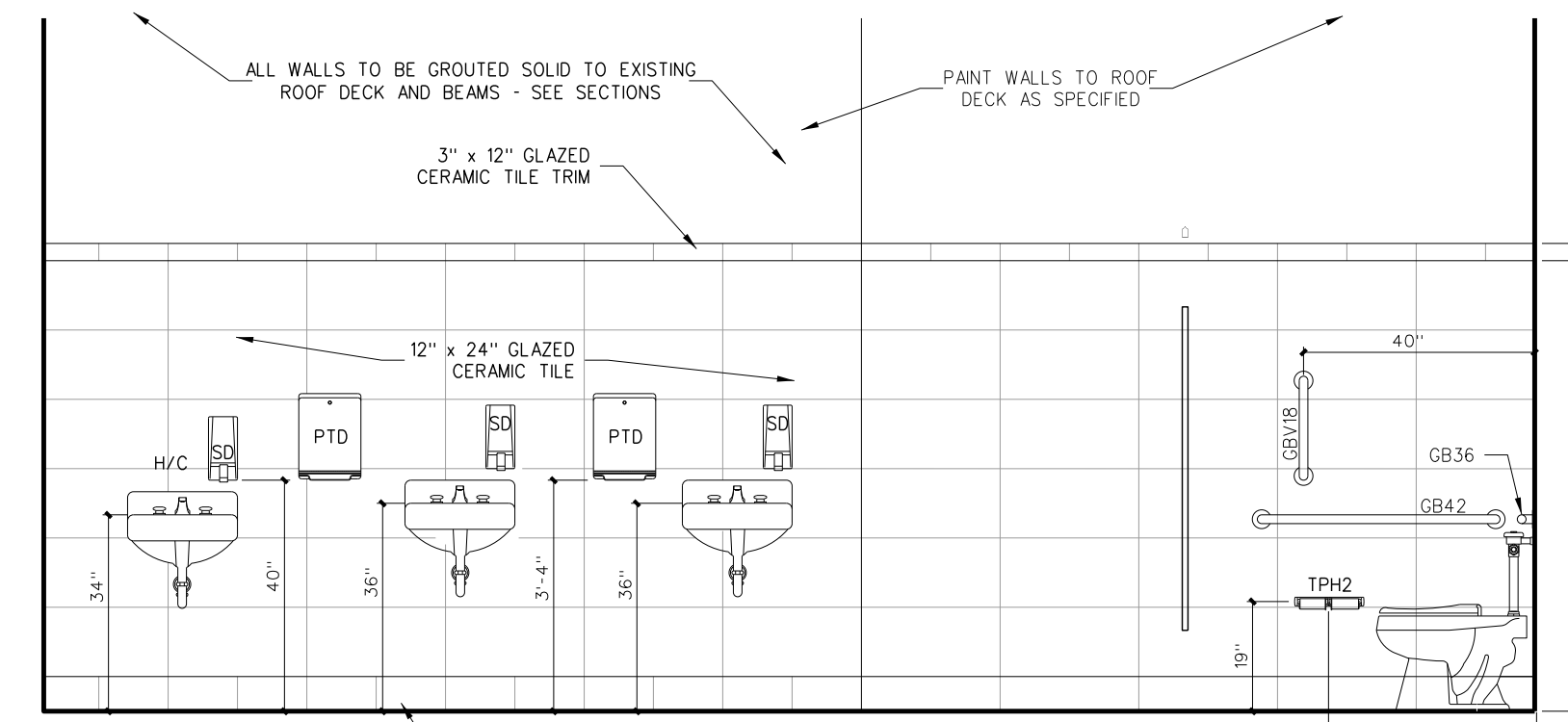
A WOMEN 224



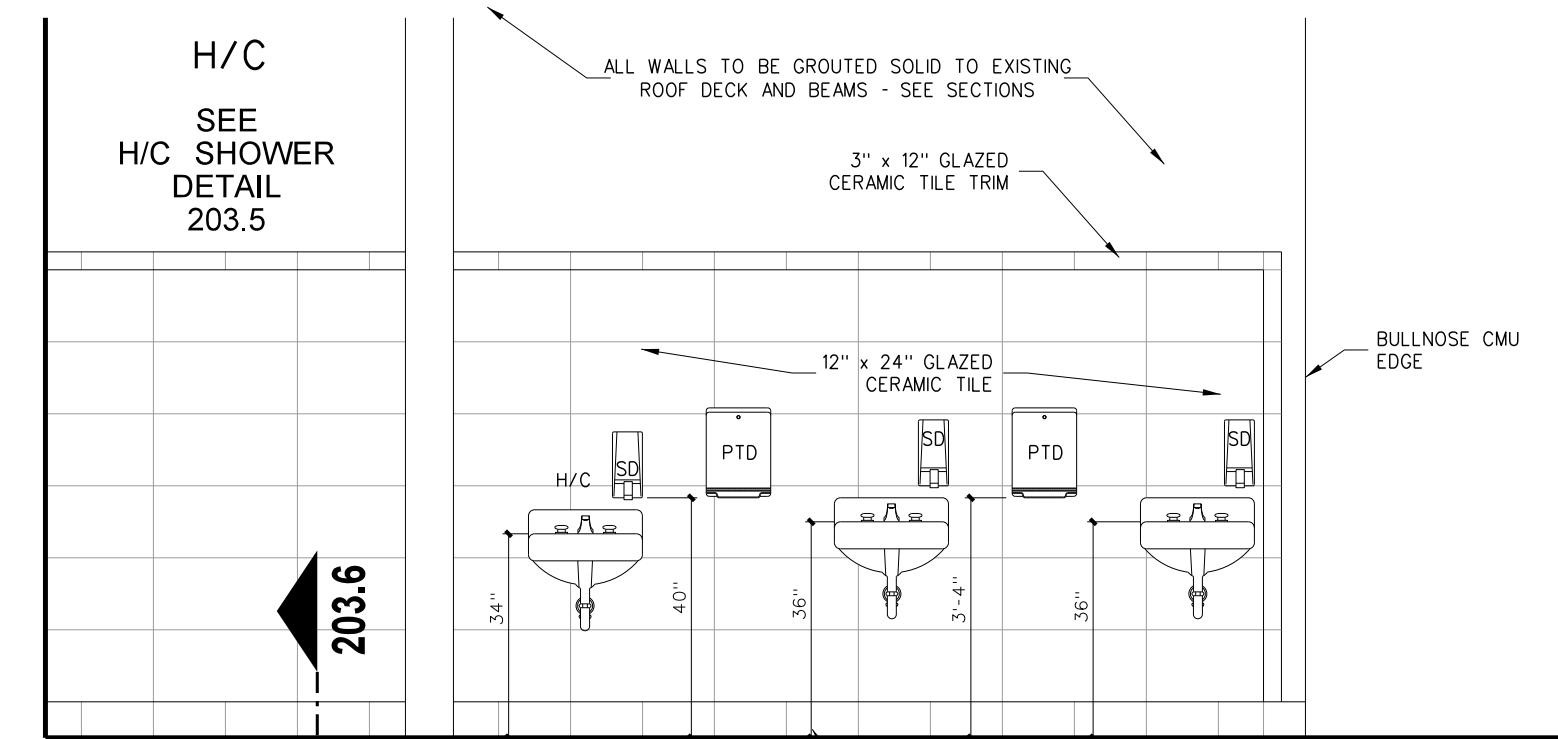
B TOILET / SHOWERS 253



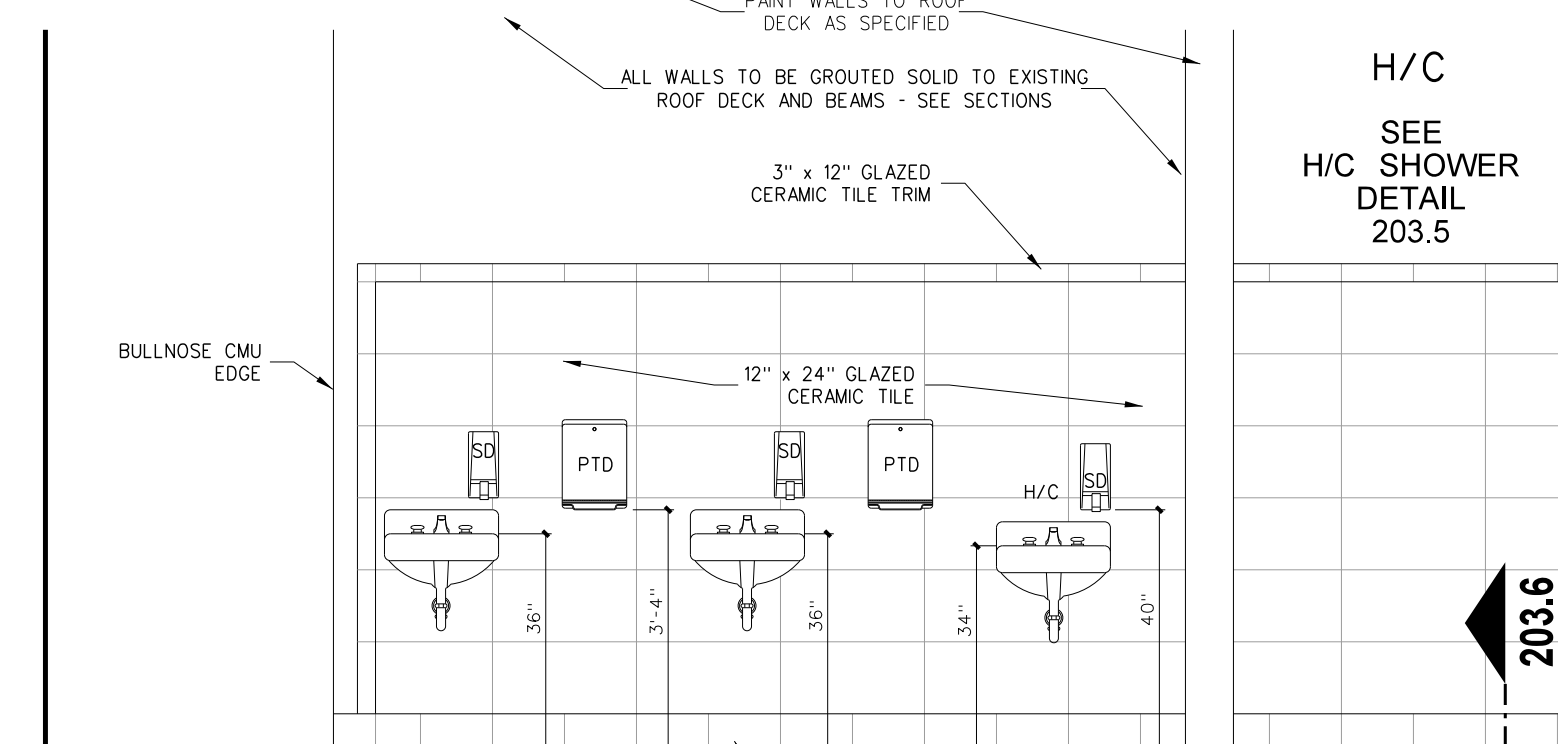
B TOILET / SHOWERS 252



A WOMEN 224

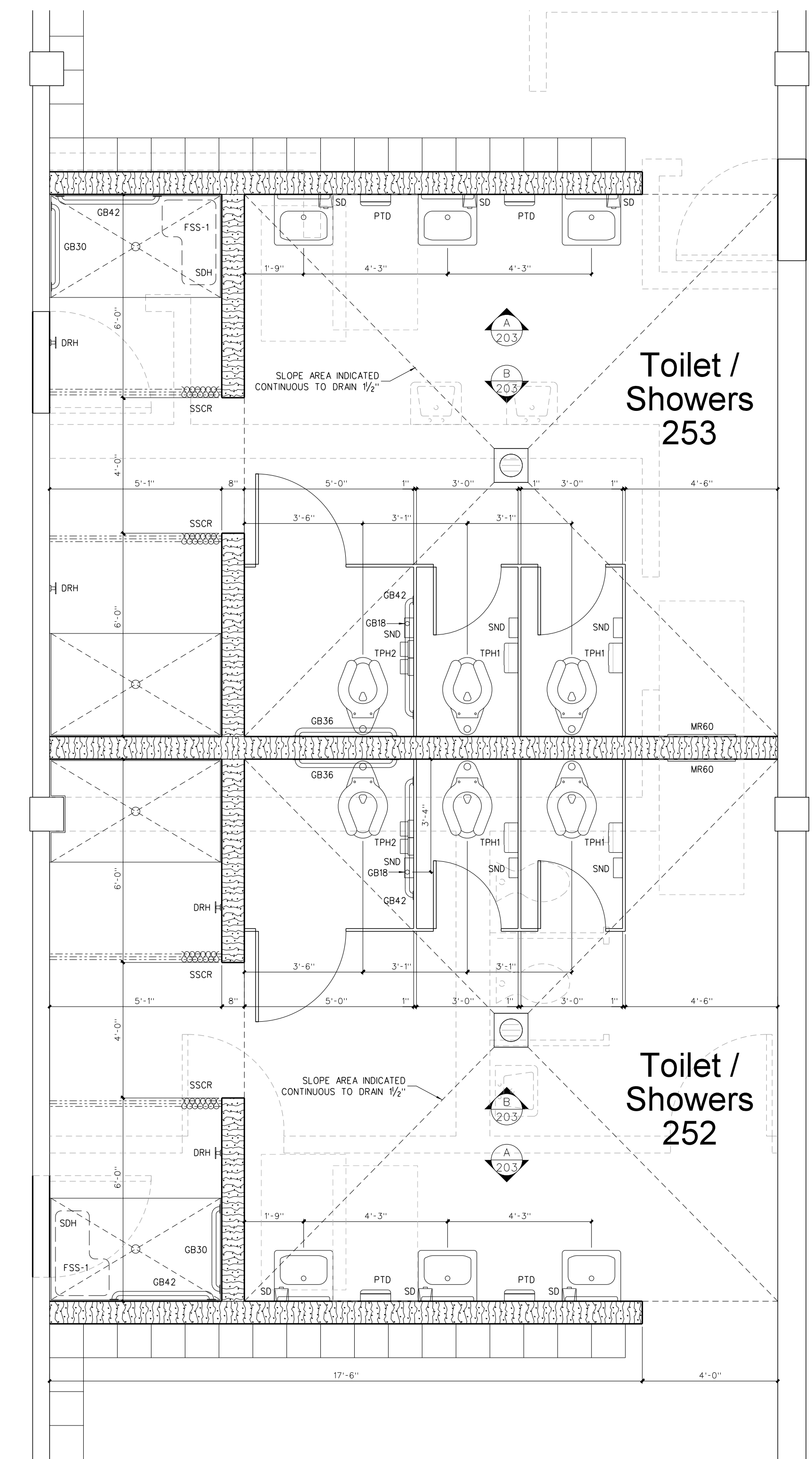


A TOILET / SHOWERS 253

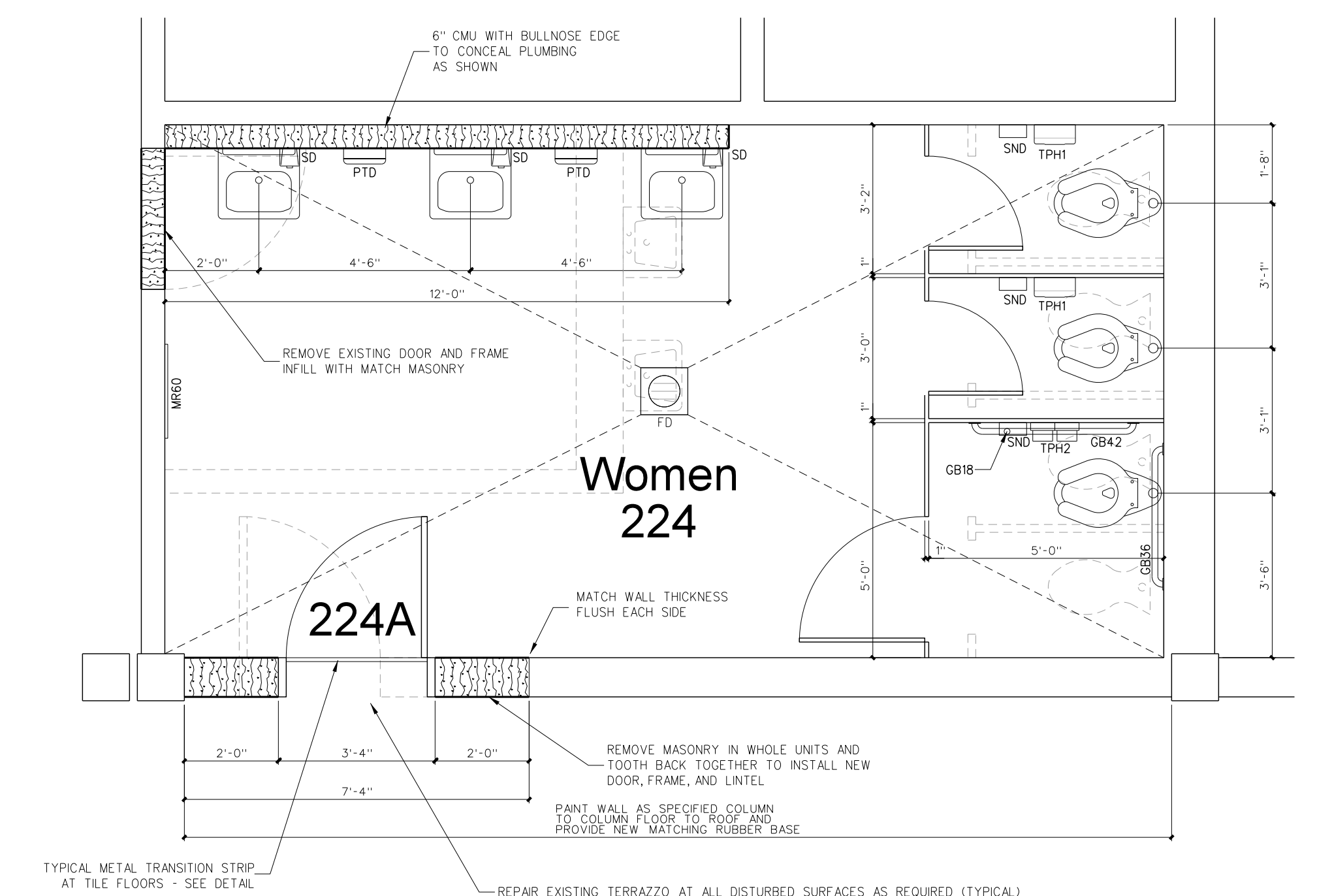


A TOILET / SHOWERS 252

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



203.2 ENLARGED TOILETS PLAN
SCALE: 3/8" = 1'-0"



203.1 ENLARGED TOILETS PLAN
SCALE: 3/8" = 1'-0"

No.	Date	Revision

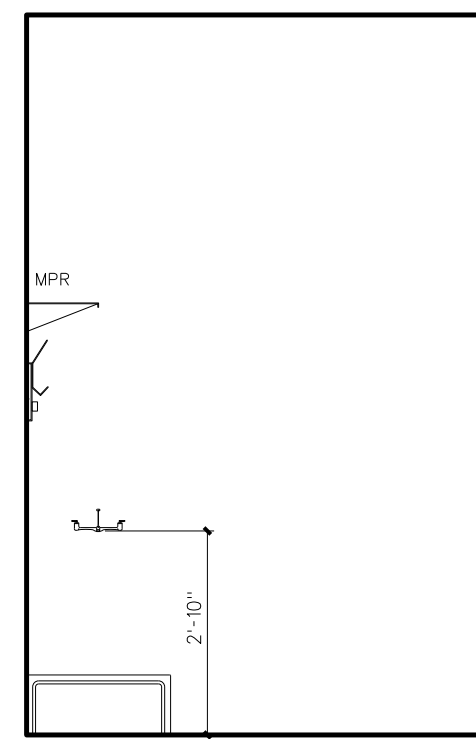
Hite associates
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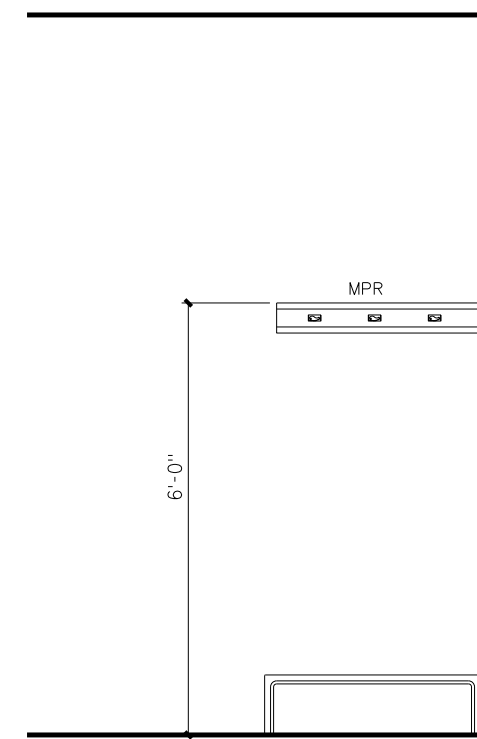
New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112
Date: 18 August 2022
Drawing No. A

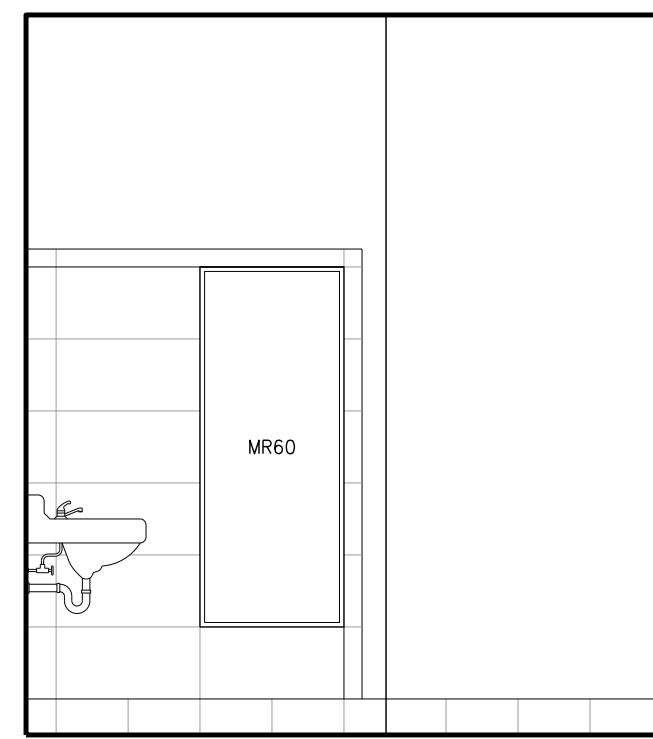
A 203



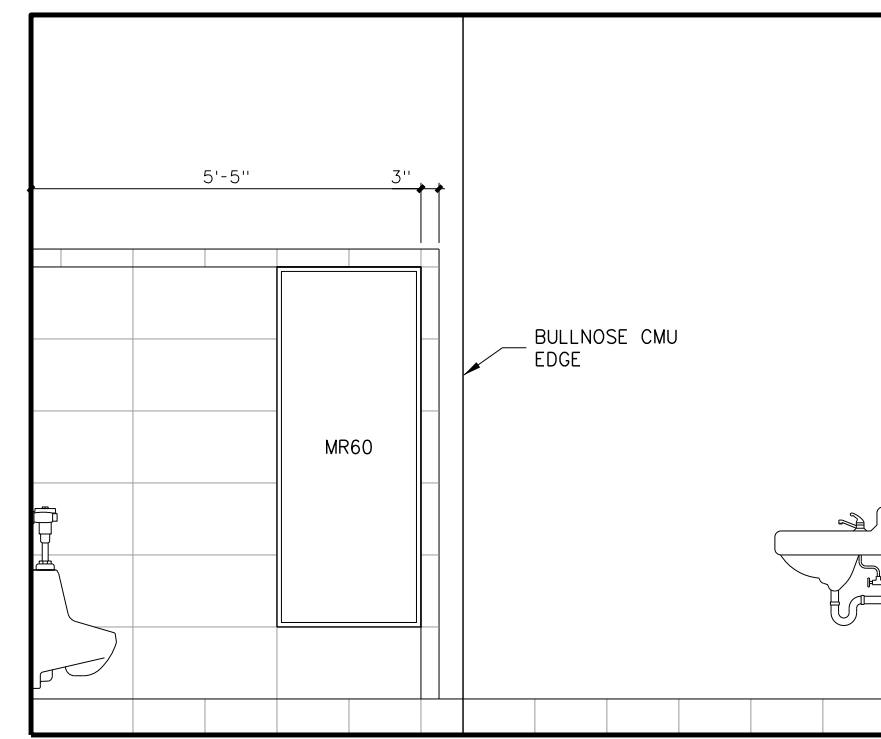
B CUSTODIAN 261



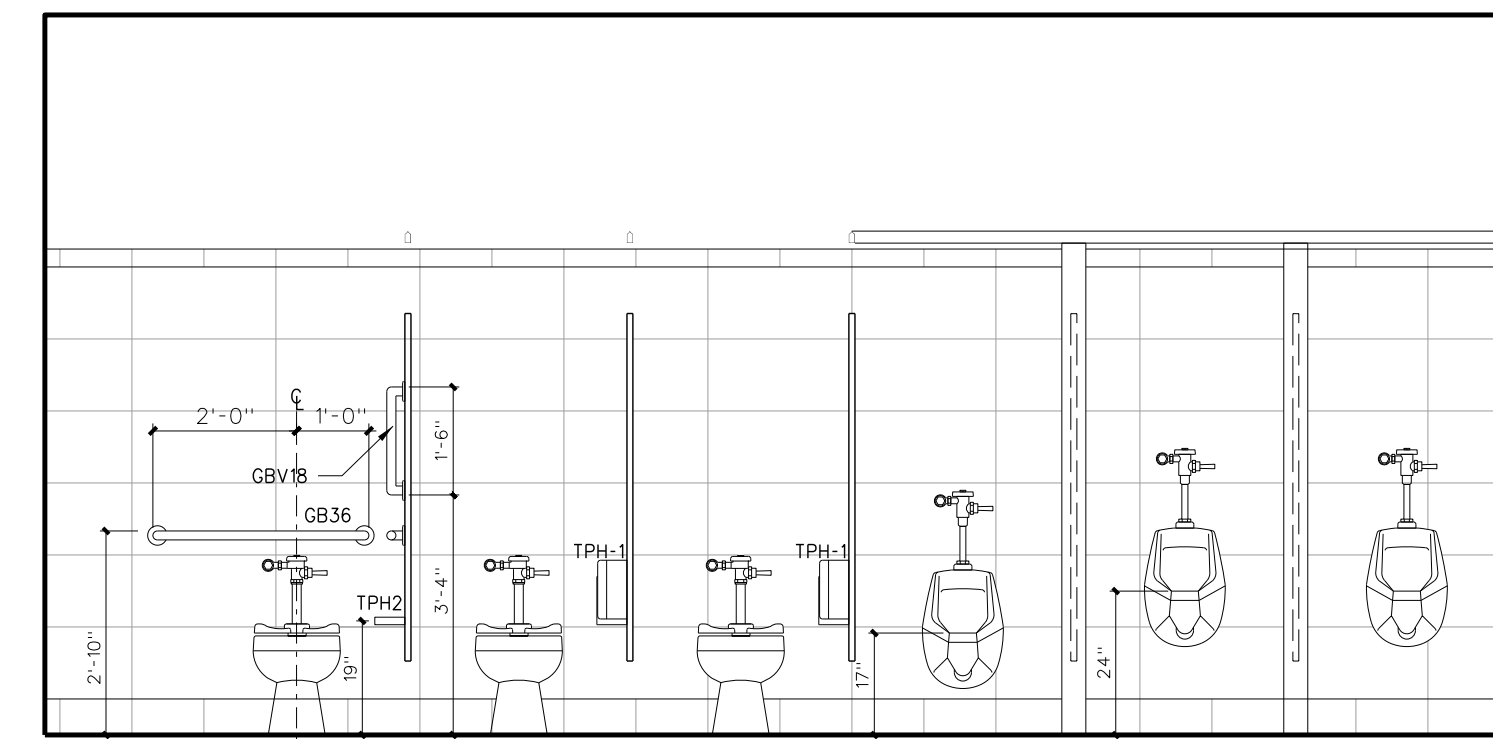
A CUSTODIAN 261



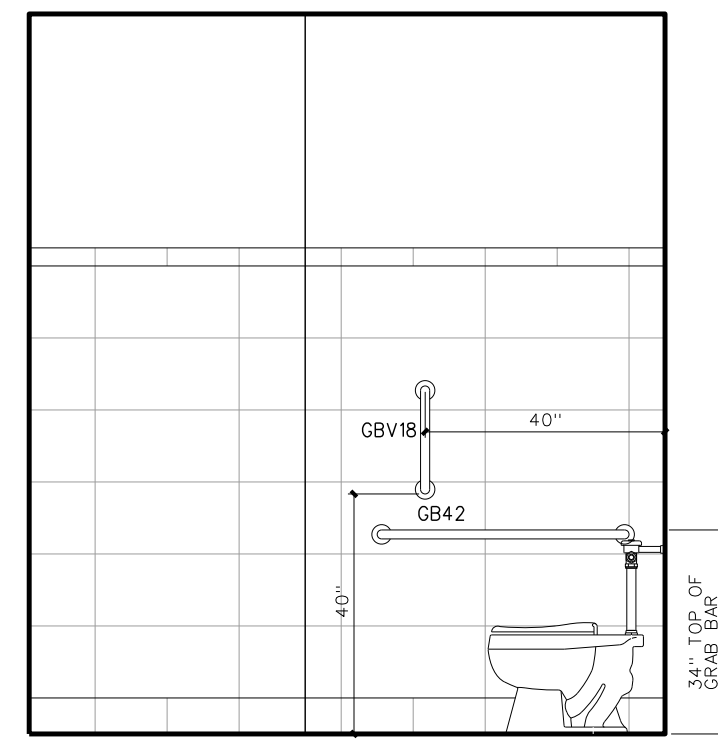
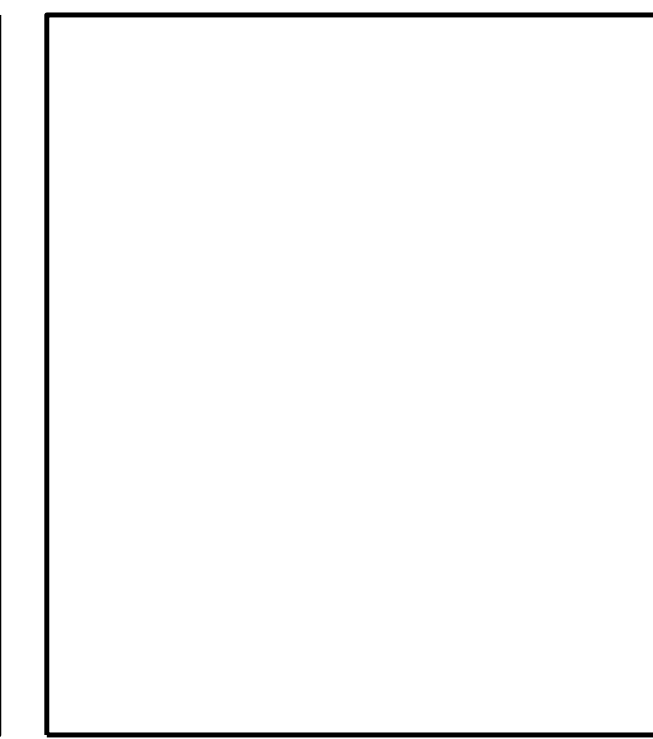
C WOMEN 235



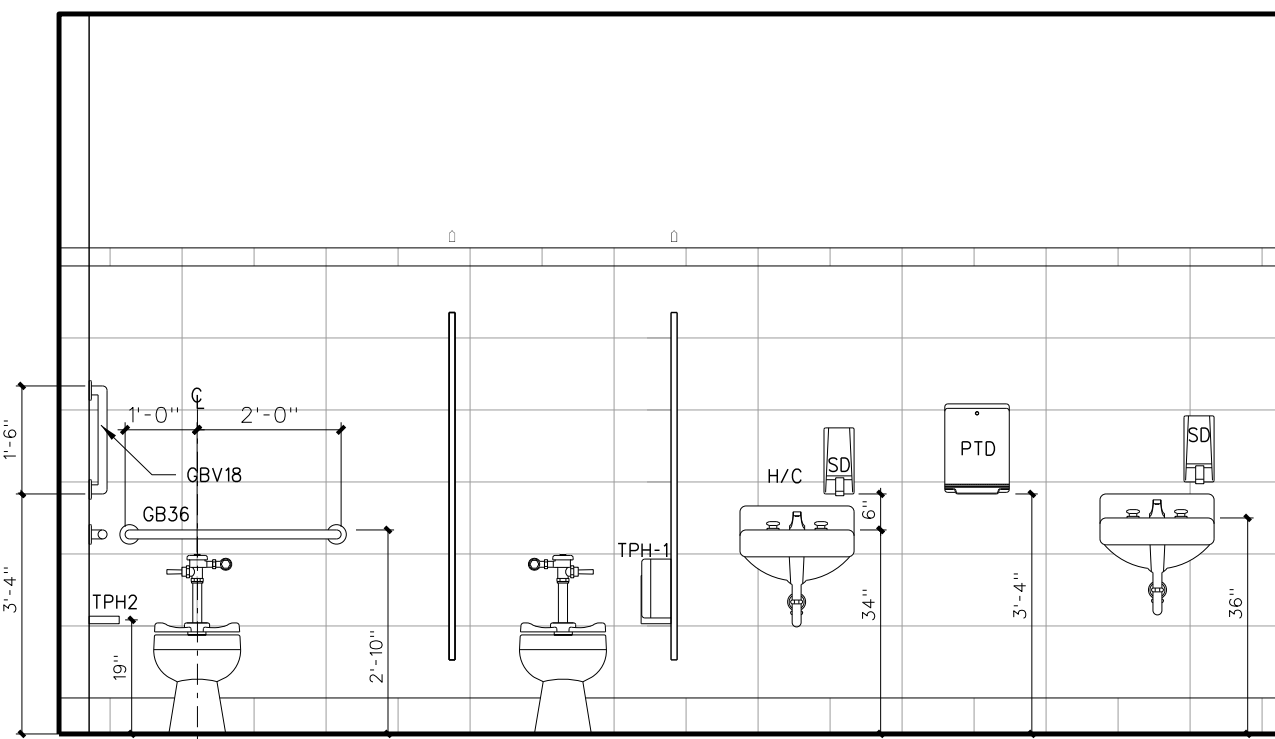
D MEN 262



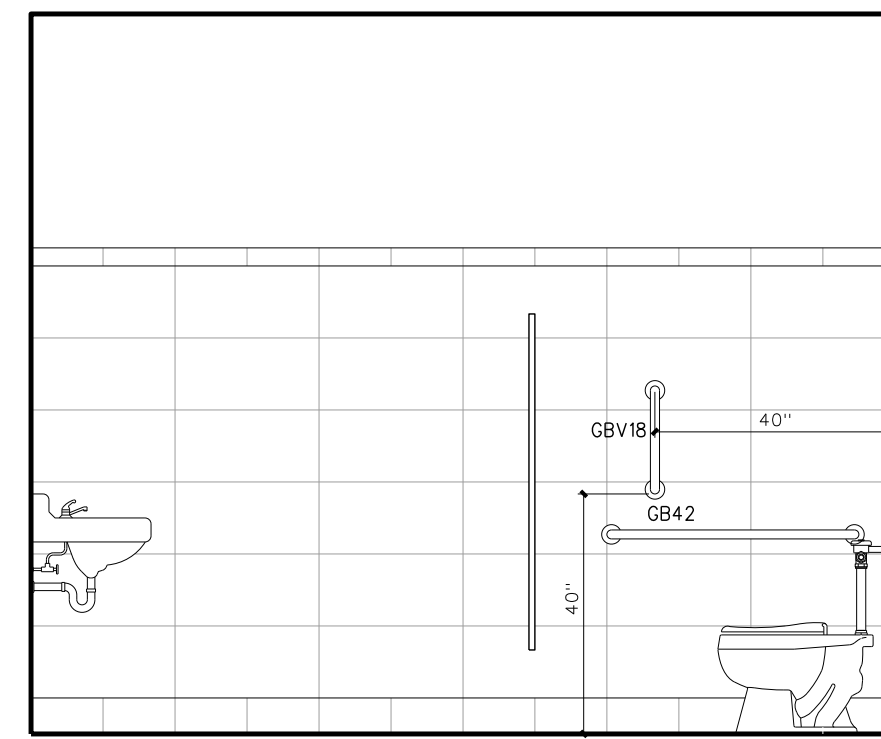
C MEN 262



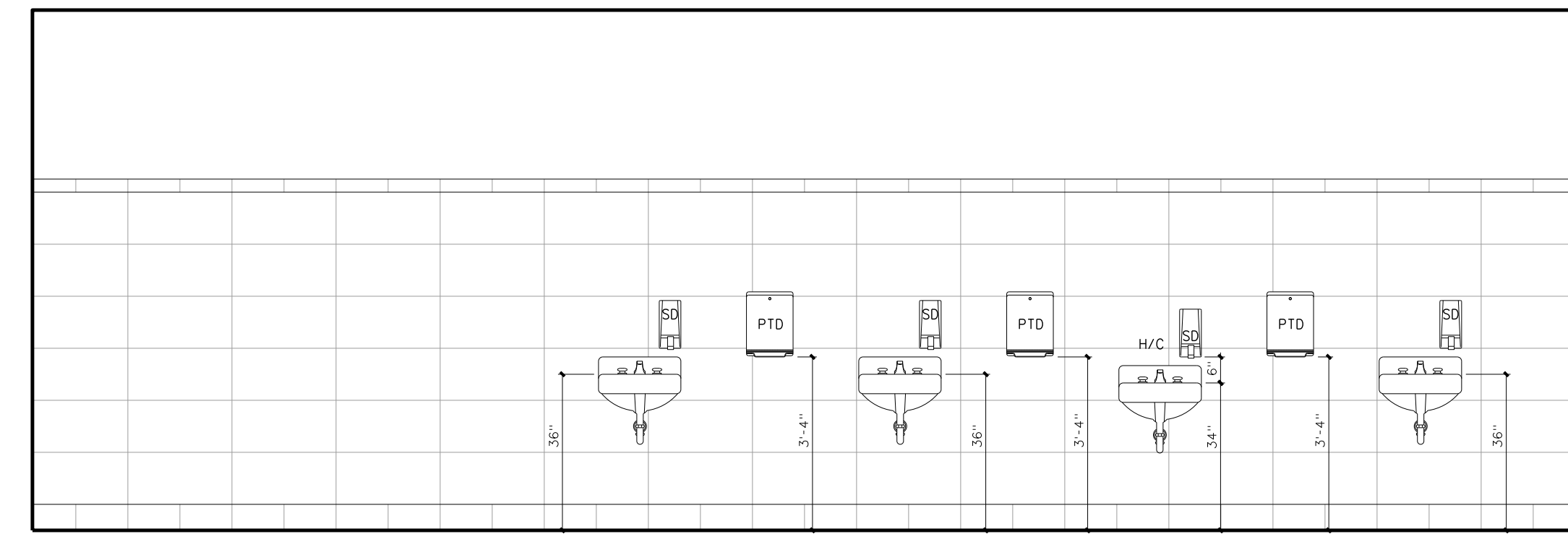
B WOMEN 235



A WOMEN 235



B MEN 262



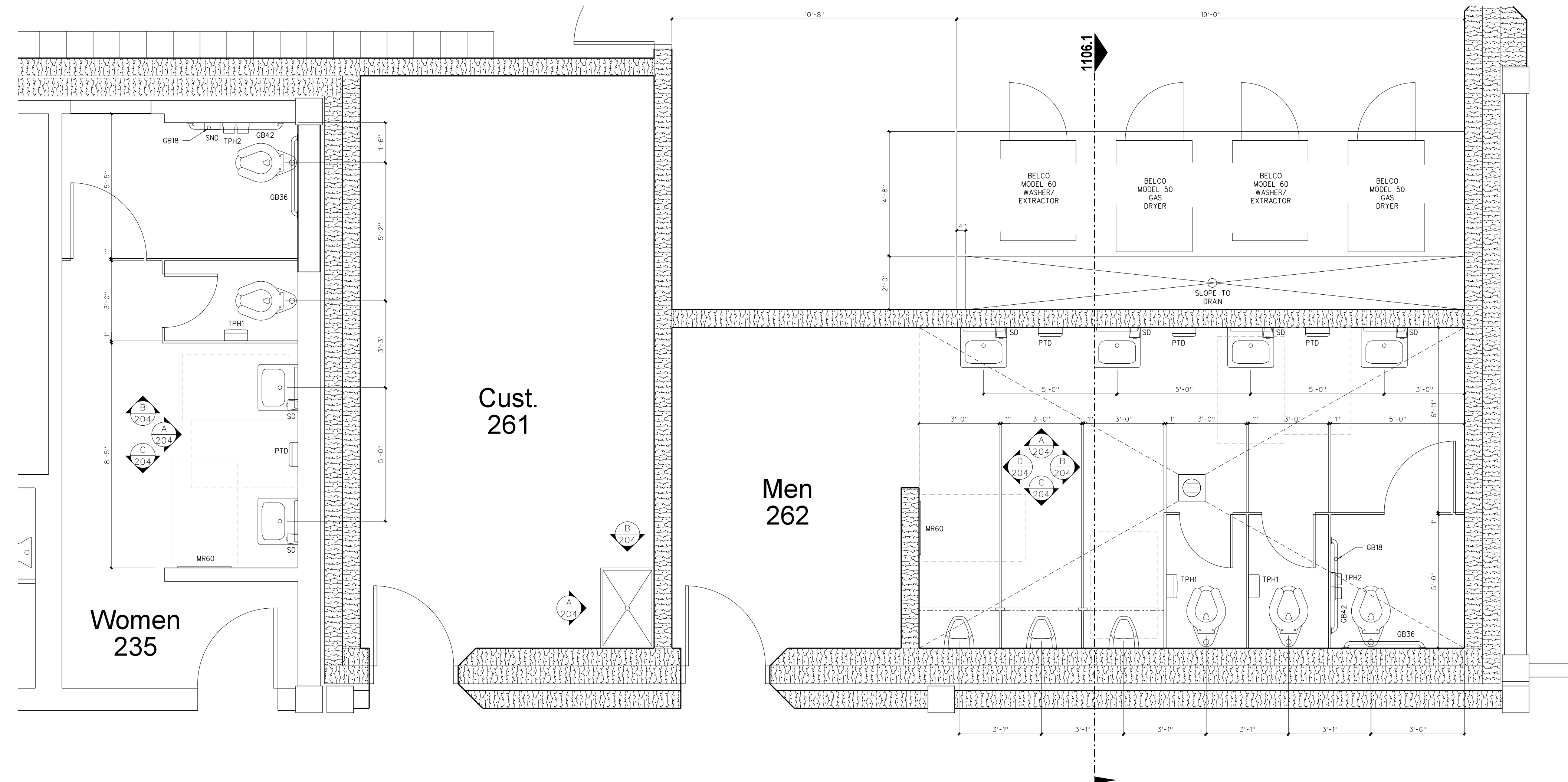
A MEN 262

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

Toilet Accessory Schedule

Mark	Model	Description	Number Required	Remarks
SD	BY OWNER	LOTION SOAP DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SNDU	BY OWNER	SANITARY NAPKIN DISPENSER	FEMALE TOILETS	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH1	BY OWNER	TOILET PAPER DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH2	BOBRICK B-2740	TOILET PAPER DISPENSER	AS PER PLAN	
MR36	BOBRICK 165-1836	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
MR60	BOBRICK 165-2460	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
GB18	BOBRICK 6806-18	18" GRAB BAR (MOUNT VERTICALLY)	AS PER PLAN	
GB24	BOBRICK 6806-24	24" GRAB BAR	AS PER PLAN	
GB30	BOBRICK 6806-30	30" GRAB BAR	AS PER PLAN	
GB36	BOBRICK 6806-36	36" GRAB BAR	AS PER PLAN	
GB42	BOBRICK 6806-42	42" GRAB BAR	AS PER PLAN	
PTD	BY OWNER	PAPER TOWEL DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SSWS		STAINLESS STEEL WALL SHIELD	AS PER PLAN	16 GA. TYPE 304 STAINLESS STEEL
FSS-1	BOBRICK 5191	FOLDING SHOWER SEAT	AS PER PLAN	H/C TRANSFER TYPE SHOWER
SSCR	BOBRICK 6047	SHOWER CURTAIN ROD	ONE EACH SHOWER	PROVIDE VINYL CURTAIN BOBRICK 204-2/204-3 W/ HOOKS
SDH	BOBRICK 973	SOAP DISH	ONE EACH SHOWER	SEE ELEVATION
DRH	BOBRICK 7672	DOUBLE ROBE HOOK	ONE EACH SHOWER	
MPR	BOBRICK 239-34	MOP RACK	ONE EACH CUSTODIAN ROOM	PLACE OVER MOP SINK

ALL MODEL NUMBERS REFERENCE BOBRICK ACCESSORY
PROVIDE BLOCKING AS REQUIRED FOR TOILET ACCESSORIES AND DOOR STOPS



204.1 ENLARGED TOILETS PLAN
SCALE: 3/8" = 1'-0"

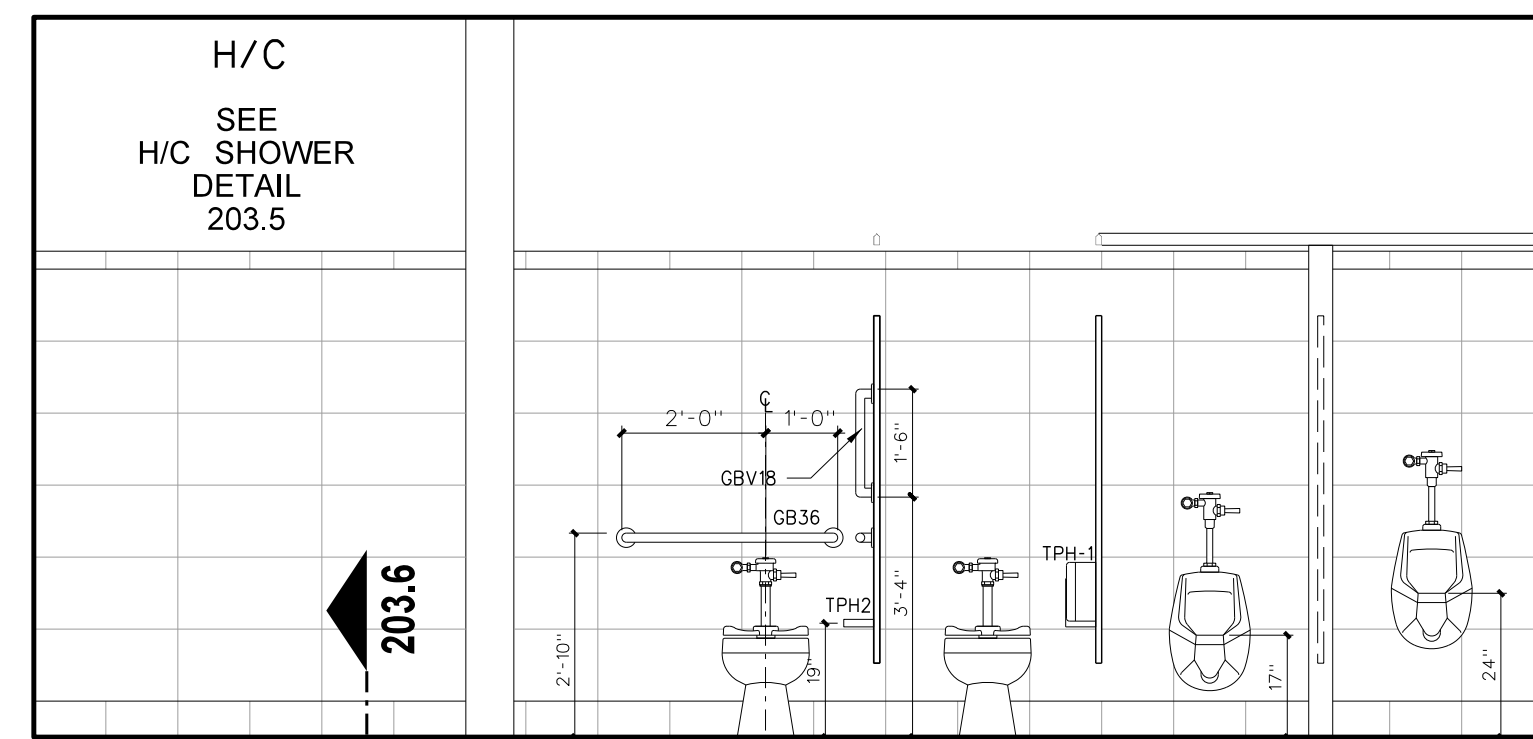
No.	Date	Revision

Hite associates
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New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

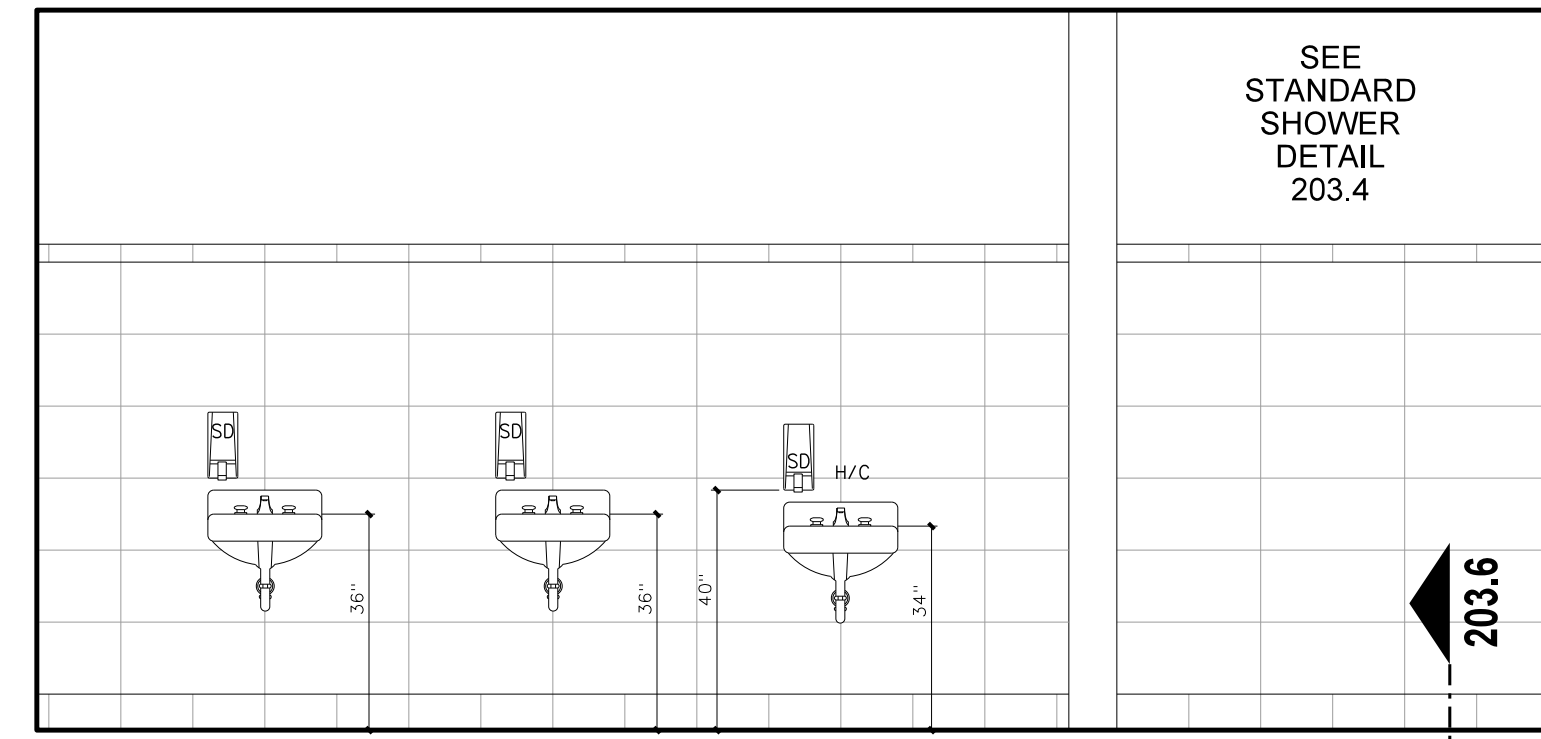
Project No. 22112
Date: 18 August 2022
Drawing no. **A 204**



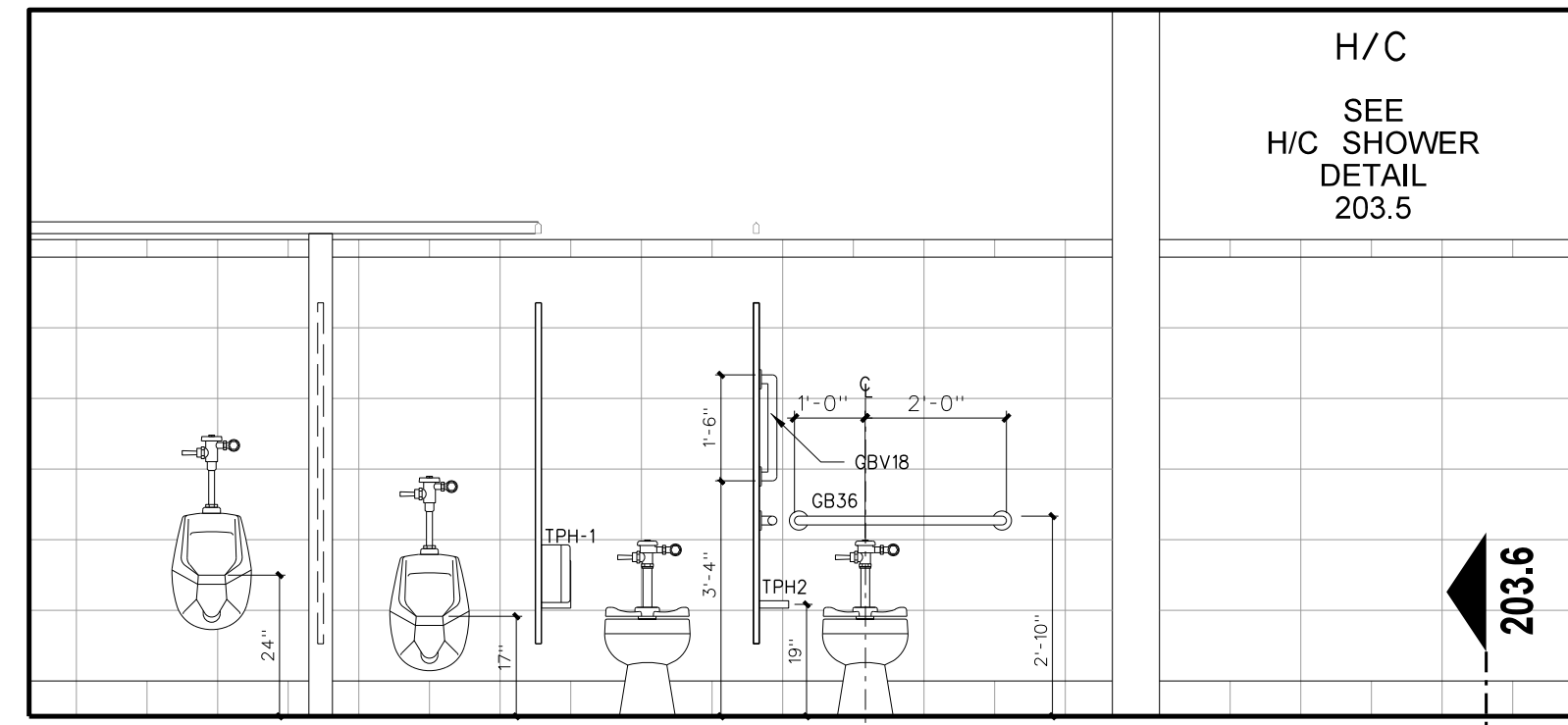
C TOILET / SHOWERS 256



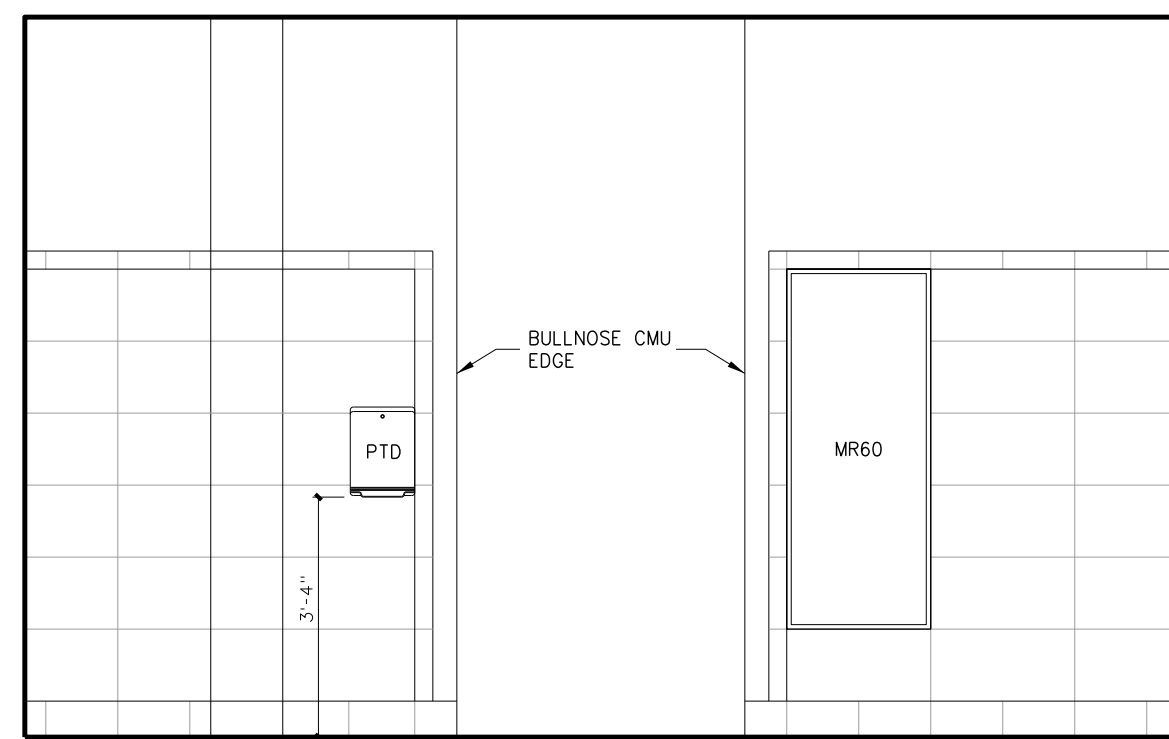
B TOILET / SHOWERS 256



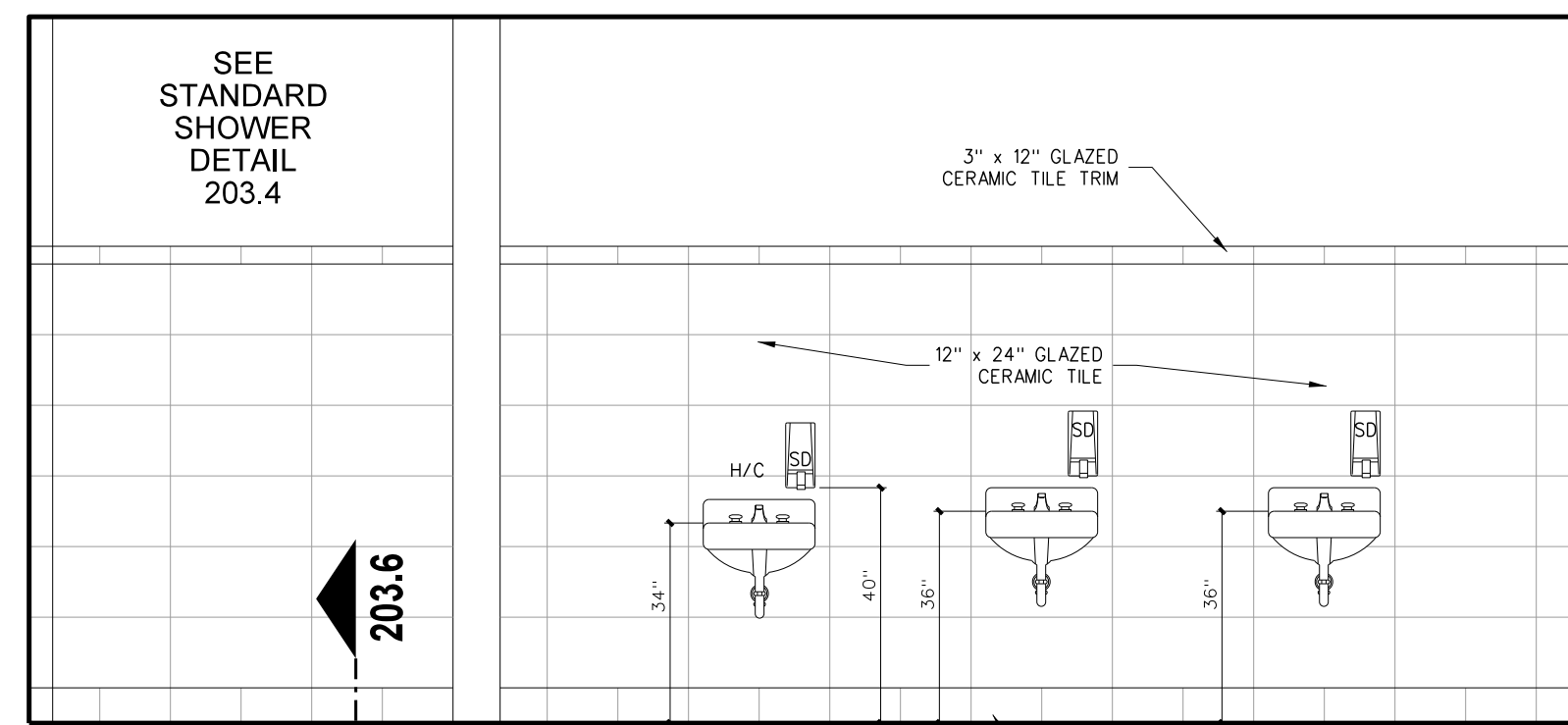
A TOILET / SHOWERS 256



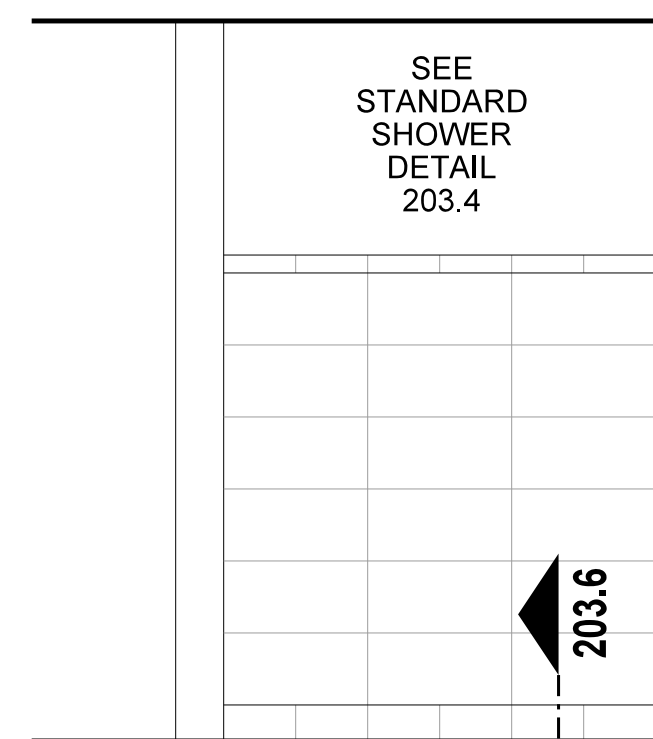
C TOILET / SHOWERS 258



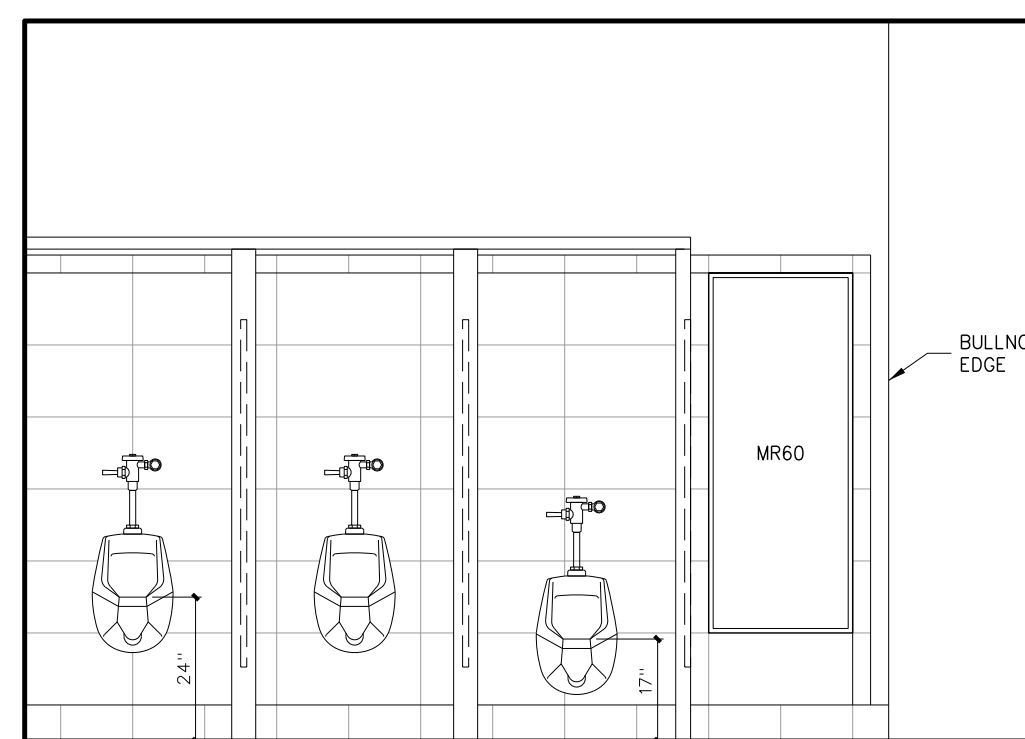
B TOILET / SHOWERS 258



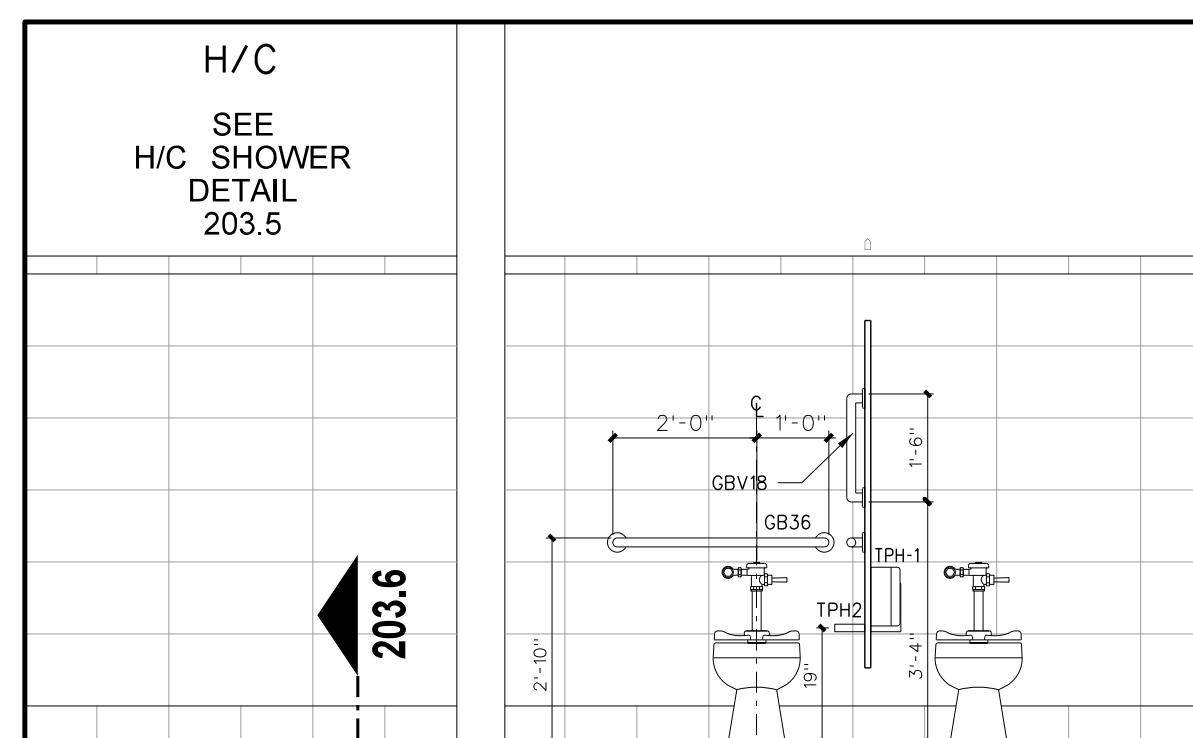
A TOILET / SHOWERS 258



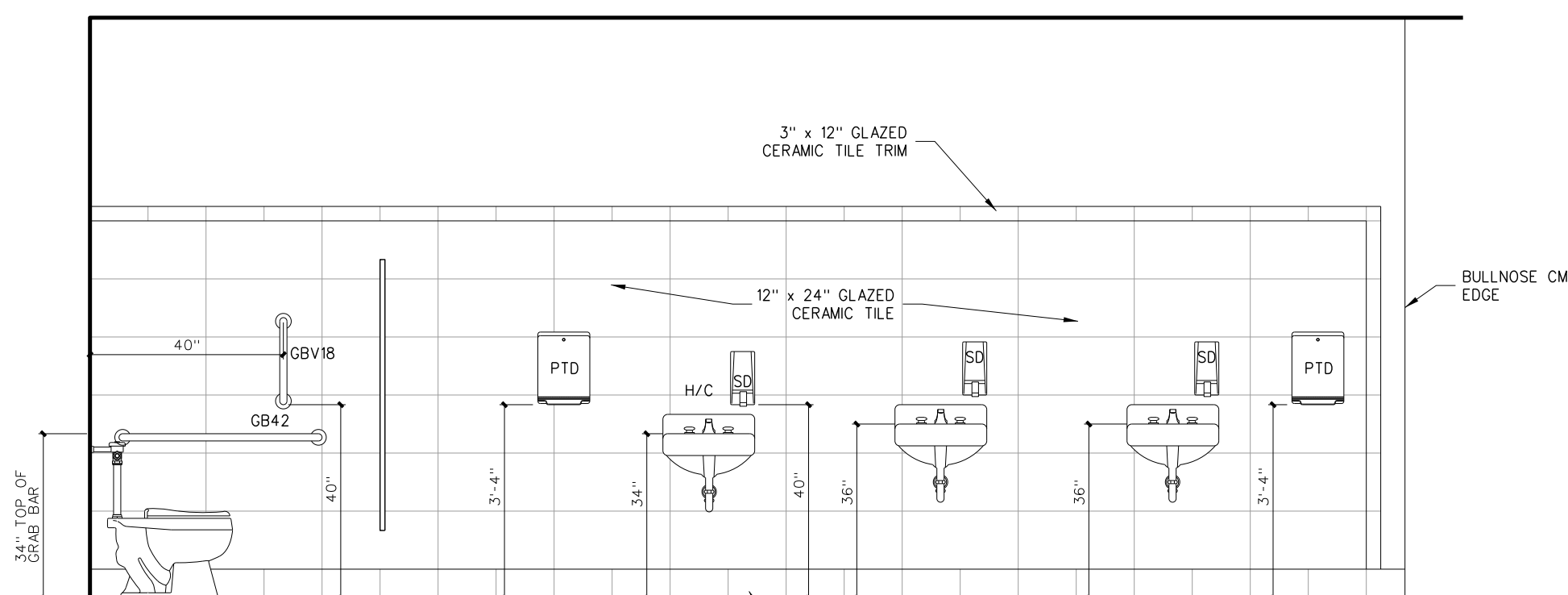
D TOILET / SHOWERS 260



C TOILET / SHOWERS 260



B TOILET / SHOWERS 260

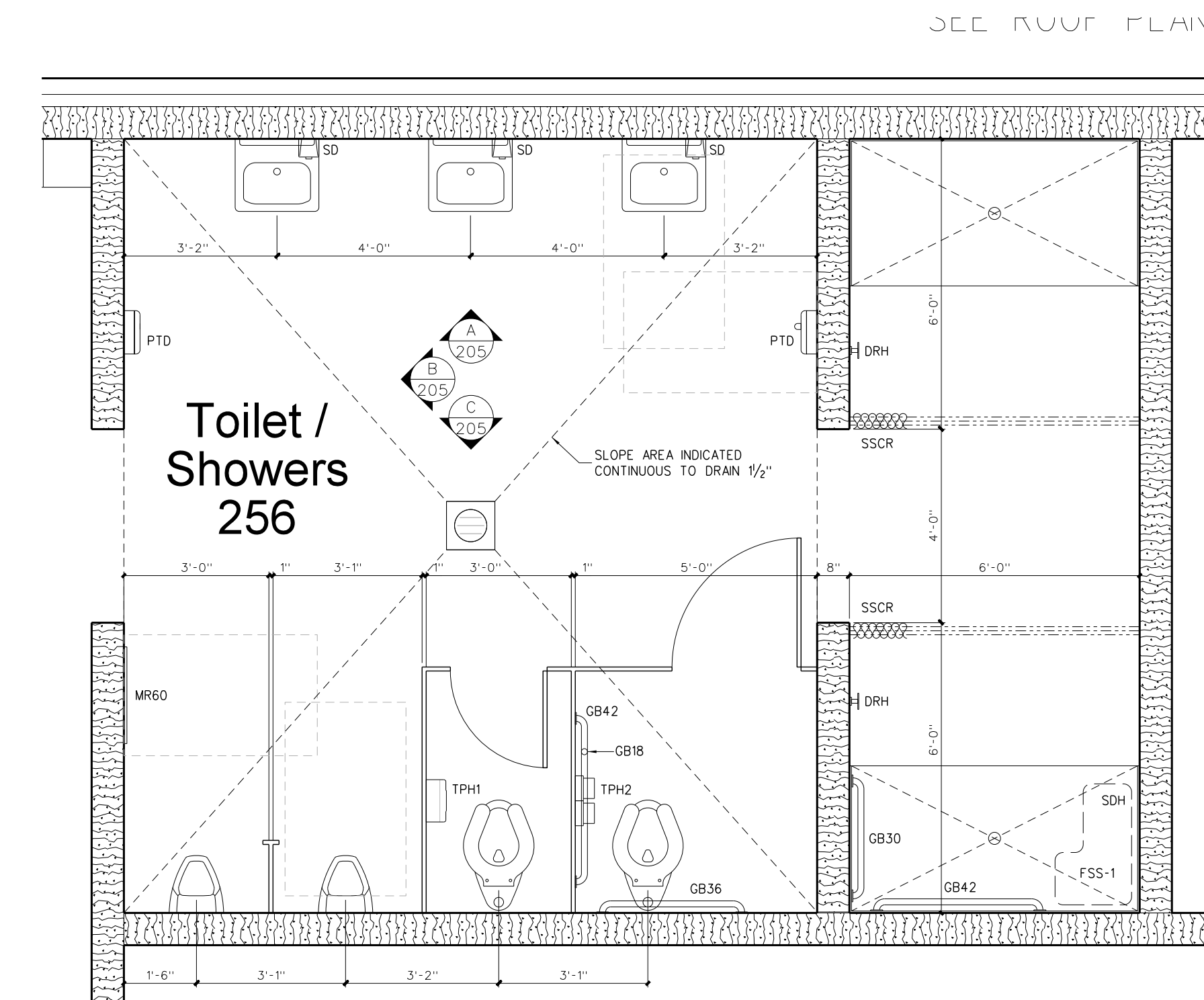


A TOILET / SHOWERS 260

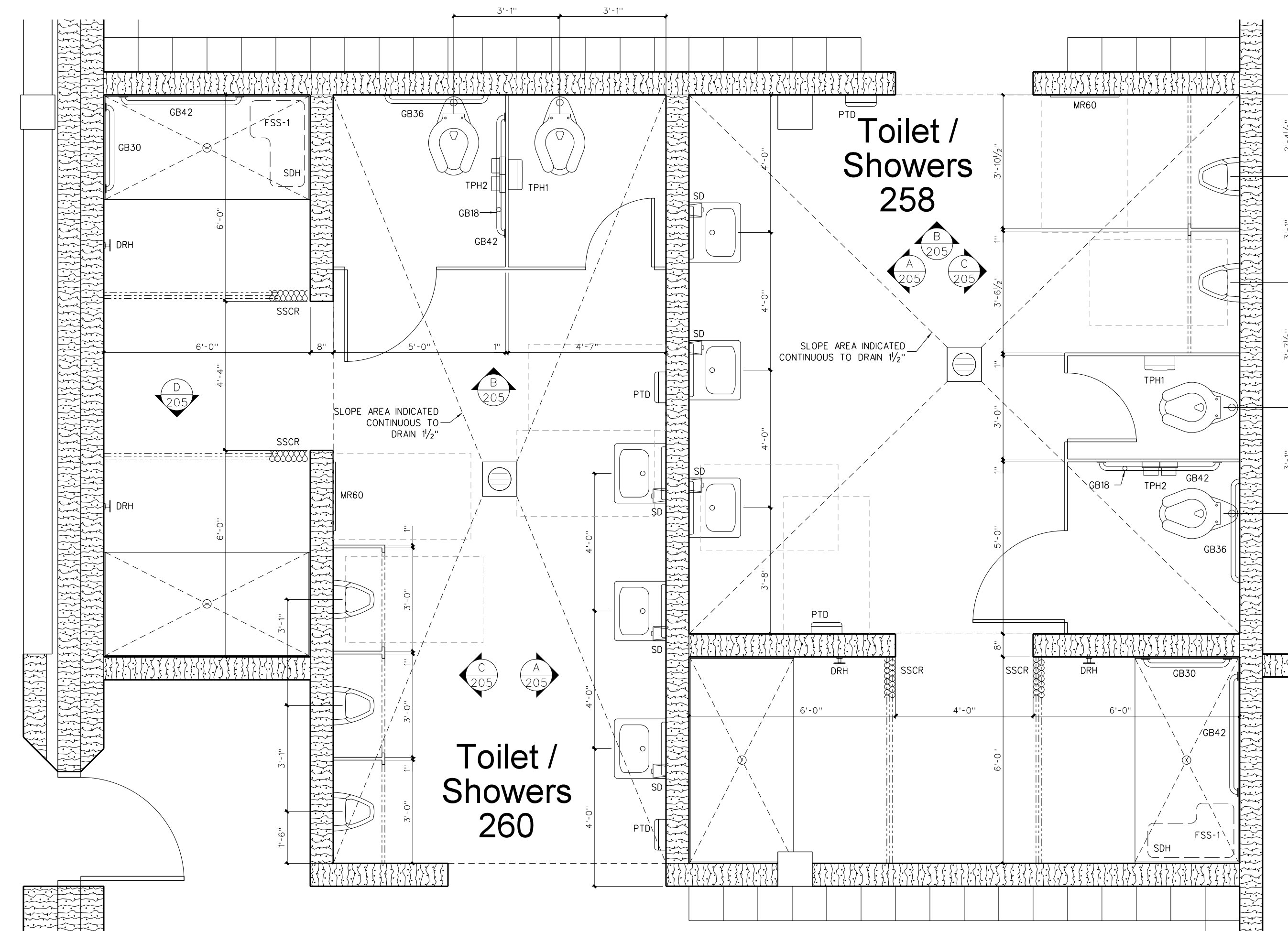
Toilet Accessory Schedule

Mark	Model	Description	Number Required	Remarks
SD	BY OWNER	LOTION SOAP DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SNDU	BY OWNER	SANITARY NAPKIN DISPENSER	FEMALE TOILETS	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
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GB30	BOBRICK 6806-30	30" GRAB BAR	AS PER PLAN	
GB36	BOBRICK 6806-36	36" GRAB BAR	AS PER PLAN	
GB42	BOBRICK 6806-42	42" GRAB BAR	AS PER PLAN	
PTD	BY OWNER	PAPER TOWEL DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SSWS	BY OWNER	STAINLESS STEEL WALL SHIELD	AS PER PLAN	16 GA TYPE 304 STAINLESS STEEL
FSS-1	BOBRICK 5191	FOLDING SHOWER SEAT	AS PER PLAN	H/C TRANSFER TYPE SHOWER
SSCR	BOBRICK 6047	SHOWER CURTAIN ROD	ONE EACH SHOWER	PROVIDE VINYL CURTAIN BOBRICK 204-2/204-3 W/ HOOKS
SDH	BOBRICK-973	SOAP DISH	ONE EACH SHOWER	SEE ELEVATION
DRH	BOBRICK 7672	DOUBLE ROBE HOOK	ONE EACH SHOWER	
MPR	BOBRICK 239x34	MOP RACK	ONE EACH CUSTODIAN ROOM	PLACE OVER MOP SINK

ALL MODEL NUMBERS REFERENCE BOBRICK ACCESSORY
PROVIDE BLOCKING AS REQUIRED FOR TOILET ACCESSORIES AND DOOR STOPS



Toilet / Showers 256



Toilet / Showers 260

205.2 INTERIOR ELEVATIONS

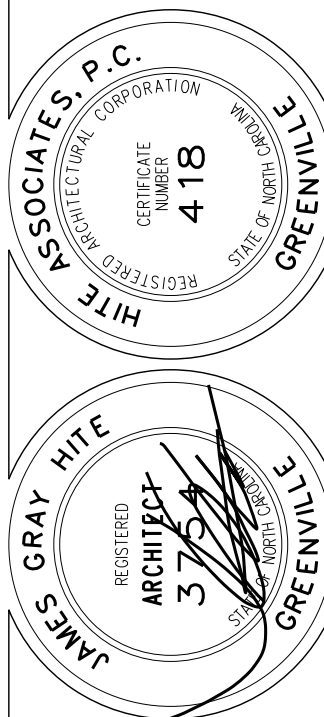
SCALE: 3/8" = 1'-0"

205.1 ENLARGED TOILET PLANS

SCALE: 3/8" = 1'-0"

Revision	No.	Date

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



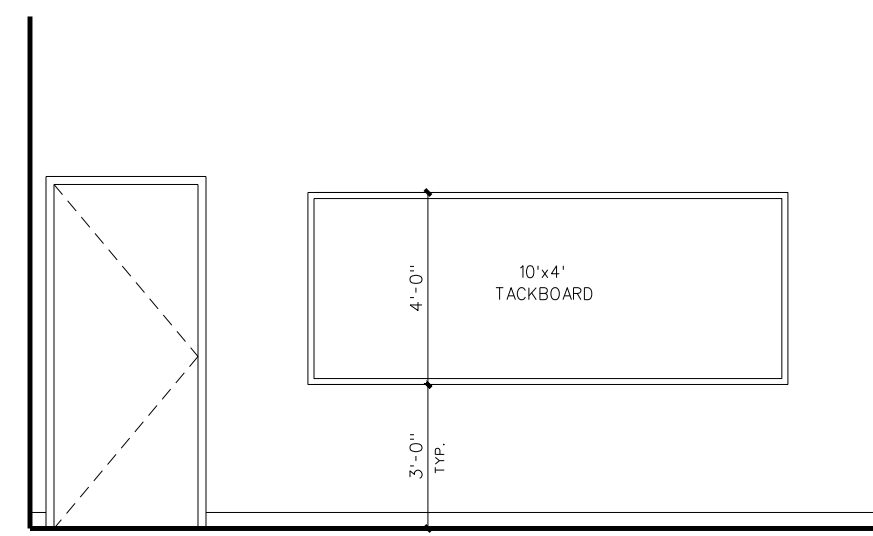
New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112

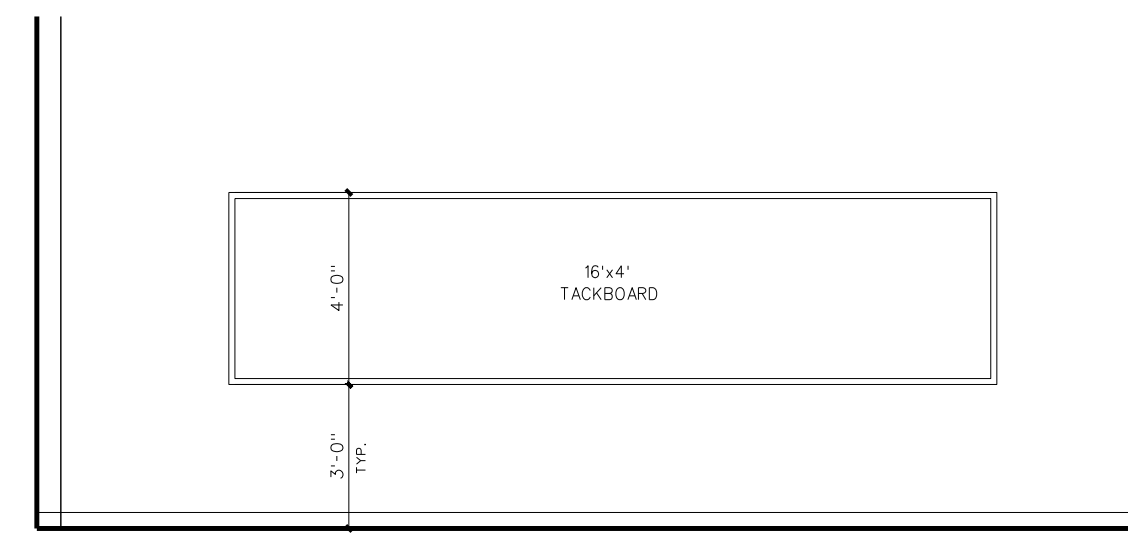
Date: 18 August 2022

Drawing no.

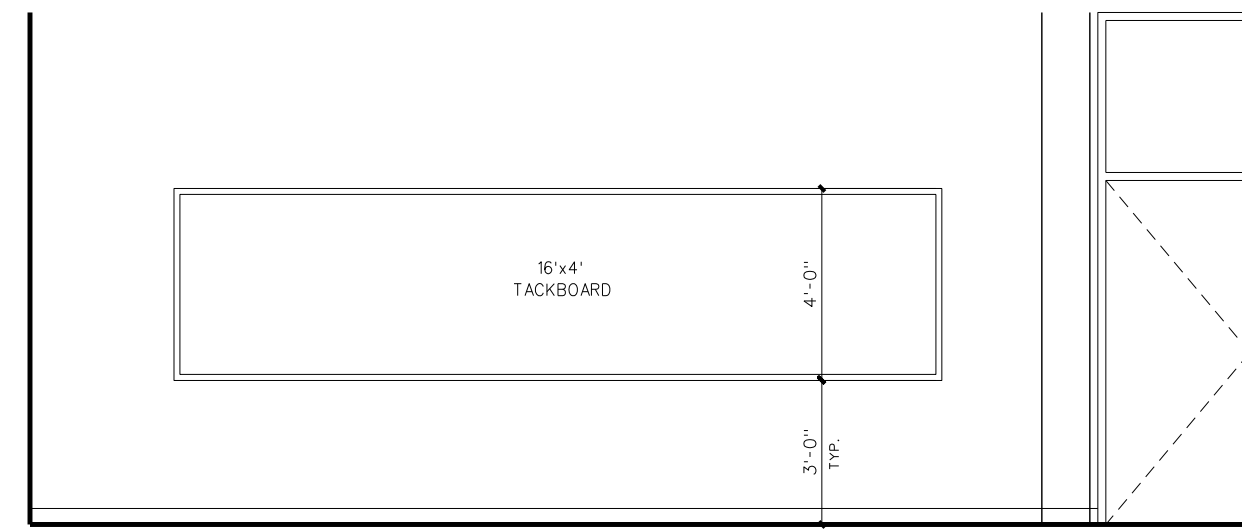
A
205



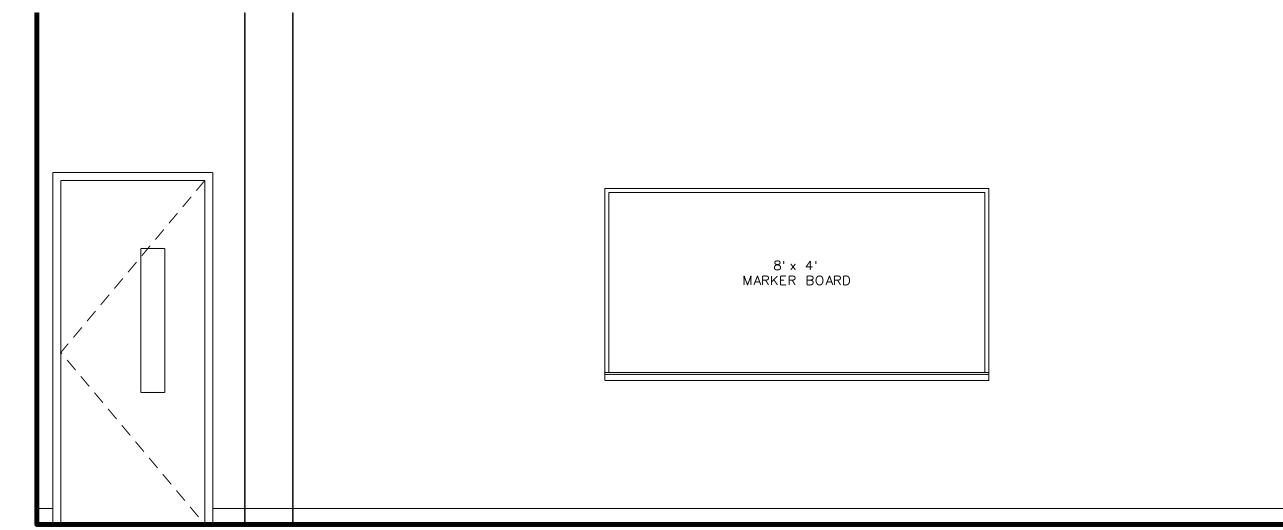
C CLASSROOM 418 AND (422 OPPOSITE HAND)



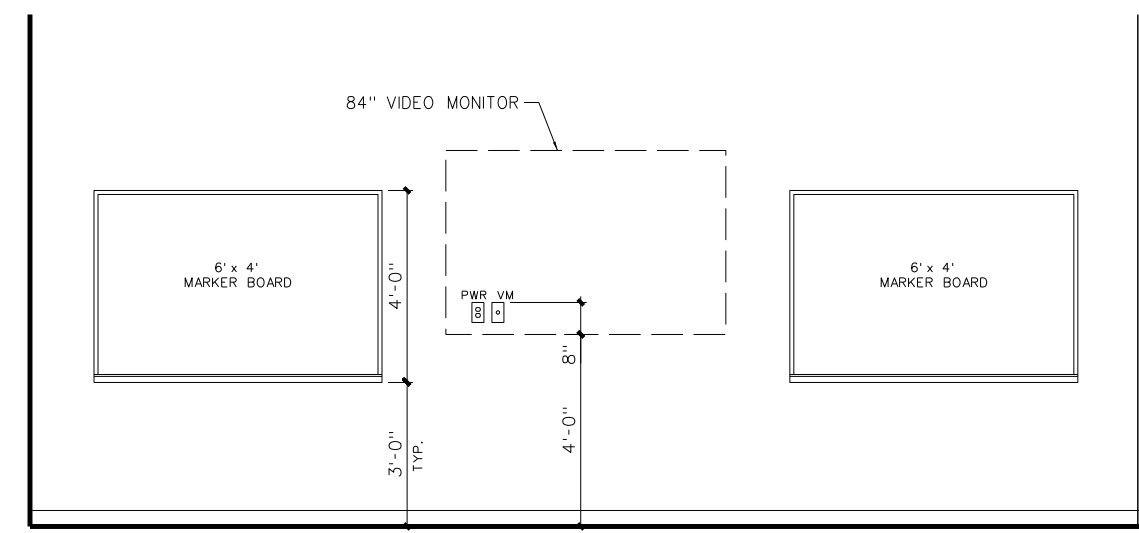
B RESOURCE 416



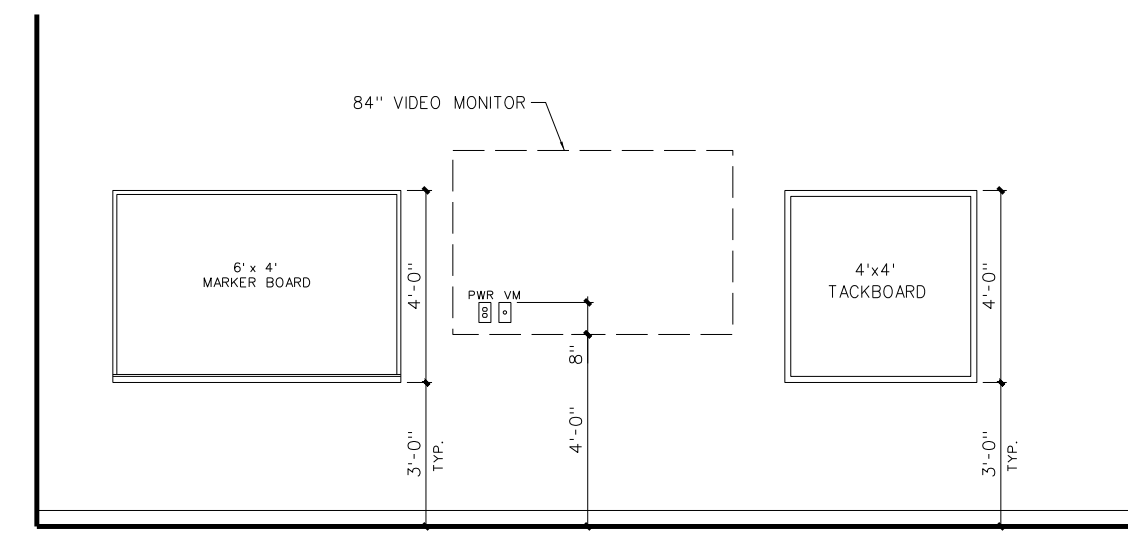
B CLASSROOM 418 AND (422 OPPOSITE HAND)



C RESOURCE 416



A CLASSROOM 418 AND (422 OPPOSITE HAND)



A RESOURCE 416

WALL LEGEND	
	12" CMU WALL
	10" CMU WALL
	8" CMU WALL
	6" CMU WALL
	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
	ONE HOUR RATED FIRE BARRIER
	TWO HOUR RATED FIRE WALL
	SMOKE TIGHT CONSTRUCTION WALLS

ABBREVIATIONS	
CB	CHALKBOARD
MB	MARKERBOARD
SMTBD	SMARTBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
BK	BOOKCASE
CU	CUBBIES
IHWB	INTERACTIVE WHITE BOARD
FSTV	FLAT SCREEN T.V.
MT	METAL THRESHOLD W/ 1/2" MAX. LIP
RT	RUBBER TRANSITION W/ 1/2" MAX. LIP
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
E.J.	EXPANSION JOINT
TD	TRAVEL DISTANCE
SEE SHEET T-1	FOR ADDITIONAL ABBREVIATIONS

401.2 INTERIOR ELEVATIONS

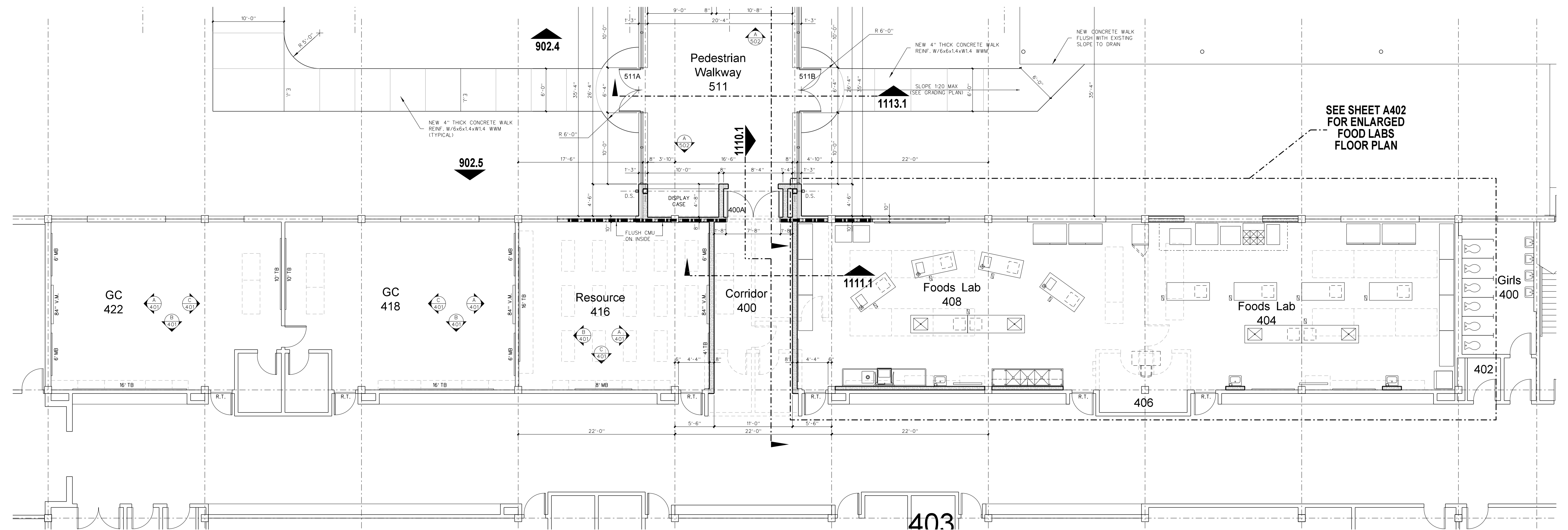
SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE

MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
400	CORRIDOR	TERRAZZO	4" RUBBER	PAINTED CMU	EXPOSED STRUCTURE	VARIES	
404	FOODS LAB	EPOXY	6" EPOXY	PAINTED CMU	EXPOSED STRUCTURE	VARIES	
408	FOODS LAB	EPOXY	6" EPOXY	PAINTED CMU	EXPOSED STRUCTURE	VARIES	
416	RESOURCE	VCT	4" RUBBER	PAINTED CMU	EXPOSED STRUCTURE	VARIES	
418	GENERAL CLASSROOM	VCT	4" RUBBER	PAINTED CMU	EXPOSED STRUCTURE	VARIES	
422	GENERAL CLASSROOM	VCT	4" RUBBER	PAINTED CMU	EXPOSED STRUCTURE	VARIES	

NOTES

- OVERHEAD PLATFORM AND ACCESS AREAS: PAINT STEEL STAIRS AND RAILS AS SPECIFIED AND PROVIDE (2) COATS GLOSS POLYURETHANE FLOOR SEALER AS SPECIFIED FOLLOWING FINAL
- GYPBOARD CEILINGS AND BULKHEADS: PAINT FLAT WHITE LATEX, NO TEXTURE, USE STRAIGHT CORNER BEADS, NO BULLNOSE EXCEPT WHERE INDICATED



401.1 PARTIAL 400 UNIT FLOOR PLAN

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

No.	Date	Revision

Hite associates
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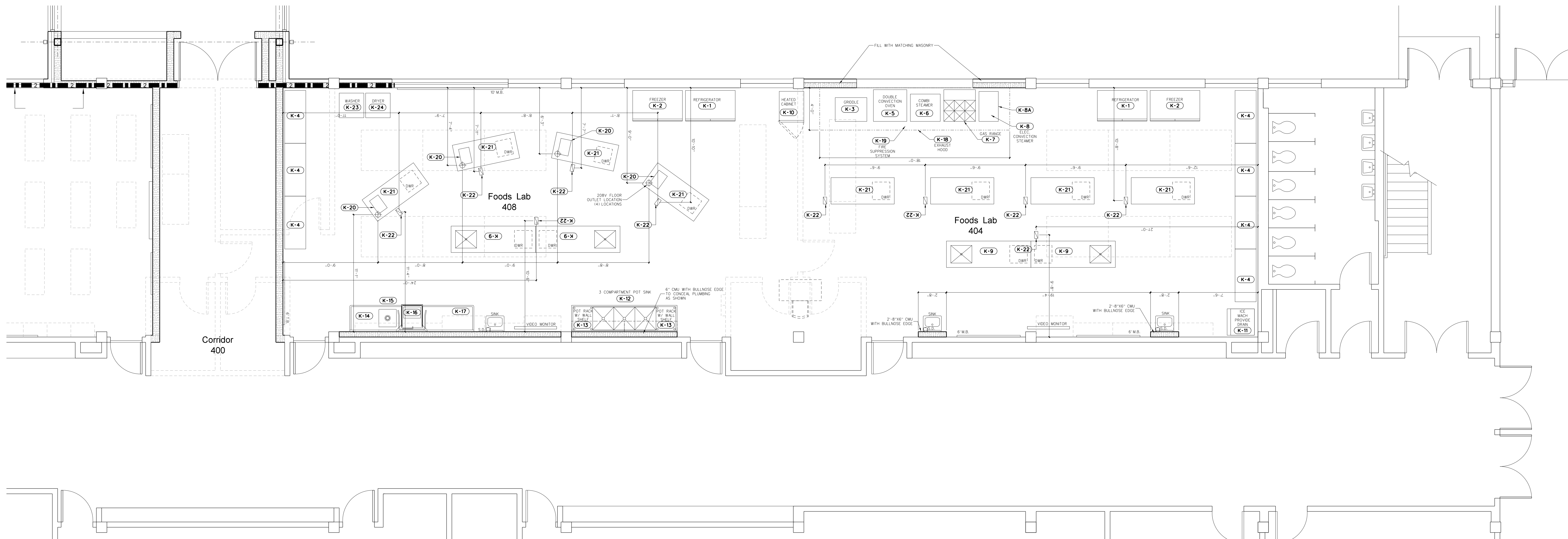
REGISTERED ARCHITECT
 NUMBER 418
 STATE OF NORTH CAROLINA
 JAMES GRAY HITE
 ARCHITECT
 NUMBER 5
 STATE OF NORTH CAROLINA

New Gymnasium Additions to
West Carteret High School
 4700 Country Club Road, Morehead City, NC 28577
 Carteret County Schools / North Carolina

Project No: 22112
 Date: 18 August 2022
 Drawing no: **A 401**

WEST CARTERET FOODS LAB EQUIPMENT SCHEDULE															
MARK	DESCRIPTION	MFR / MODEL	SIZE L X W X D	ELECTRICAL				PLUMBING				GAS		REMARKS	
				VOLTS	PHASE	KW/HP	AMPS	HW	CW	WASTE	INDIRECT	SIZE	BTUH/HR		
K-1	REFRIGERATOR	TRUE T-49-HC	54 X 30 X 78	115	1	1/2	5.4								
K-2	FREEZER	TRUE T-49F-HC	54 X 30 X 78	115	1	1	9.6								
K-3	GRIDDLE WITH STAND	VULCAN VCRG-36-M	36 X 27 X 16	115	1		5					1/2	75,000		
K-3a	GRIDDLE STAND	NEW AGE IND 13036GS	36 X 30 X 24												ALUMINUM 12 GA EPOXY COATED
K-4	SHELVING	METRO, SUPER ERECTA EZ 2460NK3-4	60 X 24 X 74												
K-5	GAS DOUBLE CONVECTION OVEN	BLODGETT ZEPHAIRE-100-G-ES	38 X 27 X 39	115	1		8					3/4	90,000		
K-6	GAS COMBI STEAMER	BLODGETT BCX-14G	42 X 40 X 69	115	1		12		3/4		2	3/4	115,000		
K-7	6 BURNER GAS RANGE	SOUTHBEND 4361D	36 X 30 X 37	115	1		5.9					3/4			NATURAL 7" WC
K-8	ELEC. CONVECTION STEAMER	CLEVELAND 21-CET-16	21X32X29	208	3	16 1/3	45.9		(2) 3/4		2				
K-8A	OPEN STAND	CLEVELAND UNISTAND 34	21.75X30X33												
K-9	SINK TABLE	ATOSA USA SSTW-3096	96 X 30 X 36						1/2	1/2					PROVIDE 20x20x5 S.S. DRAWER WITH FAUCETS AND GOOSENECK, FITTINGS
K-9a	DROP IN SINK	ADVANCE TABCO DI-1-35	14 X 10 X 5												
K-10	HEATED CABINET	WINSTON HOV5-14UV	28 X 34 X 73	120	1		19.1								
K-11	ICE MACHINE	HOSHIZAKI KM-520MAJ/B-3005F	22 X 33 X 74	115	1		10.6		3/8	3/4					
K-12	3 COMPARTMENT SINK	ADVANCE TABCO 94-43-72-24RL	120 X 30 X 36												WITH FAUCETS AND SWING SPOUTS, LEVER DRAINS
K-13	POT RACK AND SHELF	REGENCY	72 X 12												
K-14	DISHWASHER TABLE WITH PREWASH	ADVANCE TABCO	60 X 30 X 36												WITH 20 X 20 PREWASH SINK AND LEVER DRAIN
K-15	PREWASH FAUCET	T & S S-0133-A12-B													
K-16	AUTO DISHWASHER	JACKSON TEMPSTAR VER	32 X 31 X 82	208	1	1	4.1 / 10.5	3/4			1 1/2				VENTLESS WITH ENERGY RECOVERY
K-17	DISHWASHER TABLE	ADVANCE TABCO	60 X 30 X 36												
K-18	EXHAUST HOOD	BY MECHANICAL CONTRACTOR													
K-19	AUTO FIRE SUPPRESSION SYSTEM	BY MECHANICAL CONTRACTOR													
K-20	HOT PLATE COOKING UNIT	INDUCTION RANGE, COUNTERTOP	HATCO	208			3.10	15							
K-21	WORK TABLE	ATOSA USA SSTW-3072	72 X 30 X 36												PROVIDE 20x20x5 S.S. DRAWER
K-22	ELECTRIC REELS	BY ELECTRICAL CONTRACTOR													VERIFY EXACT MOUNTING LOCATION WITH ARCHITECT
K-23	WASHER		28x28	115	1				1/2	1/2	2				
K-24	DRYER		28x28	208											

NOTE: ALL EQUIPMENT BY OWNER EXCEPT K-18, K-19, AND K-22 BY G.C.
ALL ROUGH-INS AND EQUIPMENT UTILITY CONNECTIONS BY G.C.



402.1 ENLARGED FLOOR PLAN
SCALE: 1/4" = 1'-0"

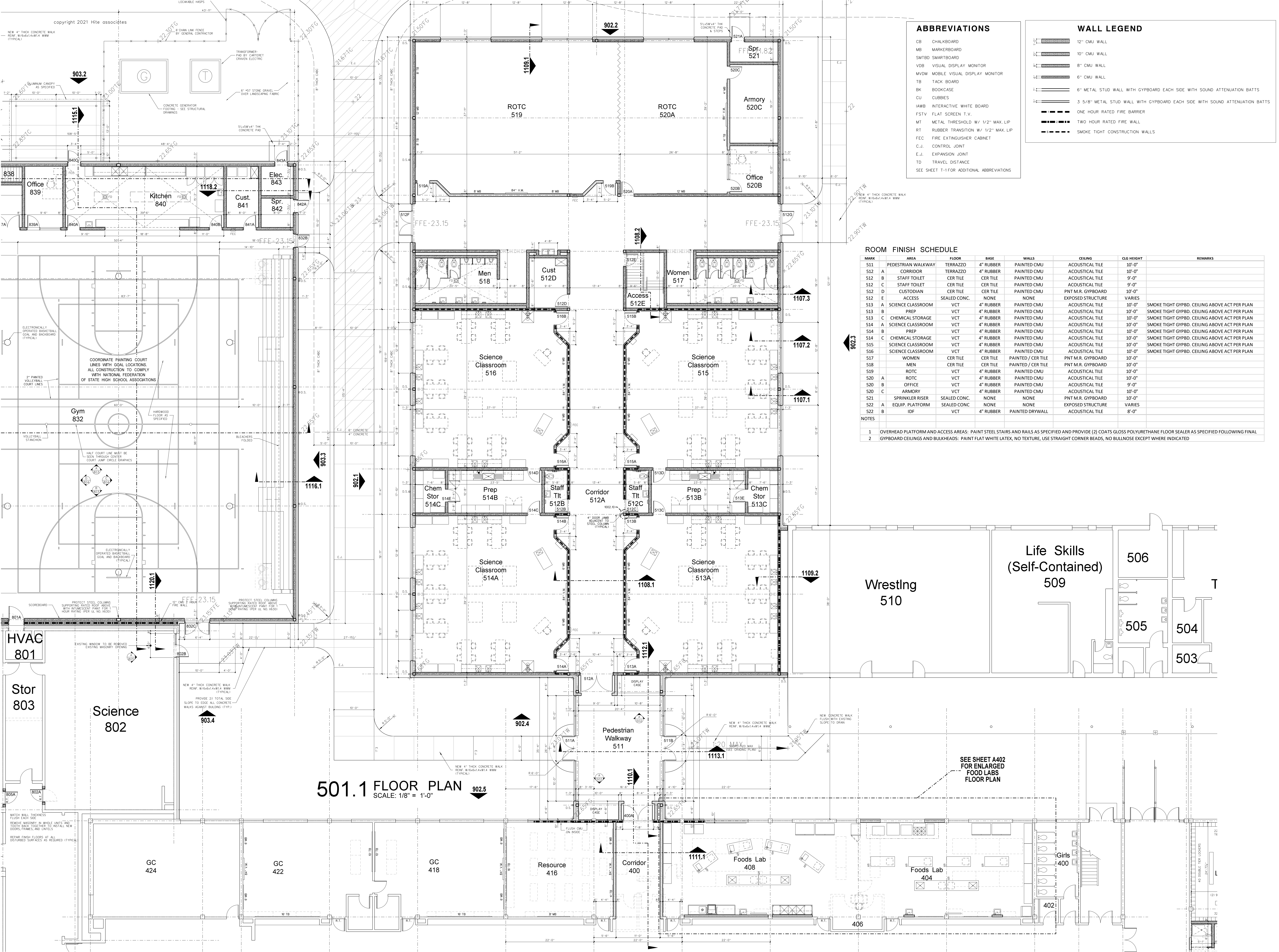
No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / Tel: (252) 757-0833

REGISTERED ARCHITECT
JAMES GRAY HITE
GREENVILLE
NUMBER 418
MITE ASSOCIATES, P.C.
GREENVILLE

New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Merhead City, NC 28577
Carteret County Schools / North Carolina

Project No: 22112
Date: 18 August 2022
Drawing No: **A 402**



ABBREVIATIONS

- CB CHALKBOARD
- MB MARKERBOARD
- SMTBD SMARTBOARD
- VDB VISUAL DISPLAY MONITOR
- MVDM MOBILE VISUAL DISPLAY MONITOR
- TB TACK BOARD
- BK BOOKCASE
- CU CUBBIES
- IABW INTERACTIVE WHITE BOARD
- FSTV FLAT SCREEN T.V.
- MT METAL THRESHOLD W/ 1/2" MAX. LIP
- RT RUBBER TRANSITION W/ 1/2" MAX. LIP
- FEC FIRE EXTINGUISHER CABINET
- C.J. CONTROL JOINT
- E.J. EXPANSION JOINT
- TD TRAVEL DISTANCE
- SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS

WALL LEGEND

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

ROOM FINISH SCHEDULE

MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
511	PEDESTRIAN WALKWAY	TERRAZZO	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
512 A	CORRIDOR	TERRAZZO	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
512 B	STAFF TOILET	CER TILE	CER TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
512 C	STAFF TOILET	CER TILE	CER TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
512 D	CUSTODIAN	CER TILE	CER TILE	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
512 E	ACCESS	SEALED CONC.	NONE	NONE	EXPOSED STRUCTURE	VARIES	
513 A	SCIENCE CLASSROOM	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	SMOKE TIGHT GYPBD. CEILING ABOVE ACT PER PLAN
513 B	PREP	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	SMOKE TIGHT GYPBD. CEILING ABOVE ACT PER PLAN
513 C	CHEMICAL STORAGE	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	SMOKE TIGHT GYPBD. CEILING ABOVE ACT PER PLAN
514 A	SCIENCE CLASSROOM	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	SMOKE TIGHT GYPBD. CEILING ABOVE ACT PER PLAN
514 B	PREP	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	SMOKE TIGHT GYPBD. CEILING ABOVE ACT PER PLAN
514 C	CHEMICAL STORAGE	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	SMOKE TIGHT GYPBD. CEILING ABOVE ACT PER PLAN
515	SCIENCE CLASSROOM	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	SMOKE TIGHT GYPBD. CEILING ABOVE ACT PER PLAN
516	SCIENCE CLASSROOM	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	SMOKE TIGHT GYPBD. CEILING ABOVE ACT PER PLAN
517	WOMEN	CER TILE	CER TILE	PAINTED / CER TILE	PNT M.R. GYPSOBOARD	10'-0"	
518	MEN	CER TILE	CER TILE	PAINTED / CER TILE	PNT M.R. GYPSOBOARD	10'-0"	
519	ROTC	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
520 A	ROTC	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
520 B	OFFICE	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
520 C	ARMORY	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
521	SPRINKLER RISER	SEALED CONC.	NONE	NONE	PNT M.R. GYPSOBOARD	10'-0"	
522 A	EQUIP. PLATFORM	SEALED CONC.	NONE	NONE	EXPOSED STRUCTURE	VARIES	
522 B	IDF	VCT	4" RUBBER	PAINTED DRYWALL	ACOUSTICAL TILE	8'-0"	

- OVERHEAD PLATFORM AND ACCESS AREAS: PAINT STEEL STAIRS AND RAILS AS SPECIFIED AND PROVIDE (2) COATS GLOSS POLYURETHANE FLOOR SEALER AS SPECIFIED FOLLOWING FINAL
- GYPSOBOARD CEILINGS AND BULKHEADS: PAINT FLAT WHITE LATEX, NO TEXTURE, USE STRAIGHT CORNER BEADS, NO BULLNOSE EXCEPT WHERE INDICATED

Revision

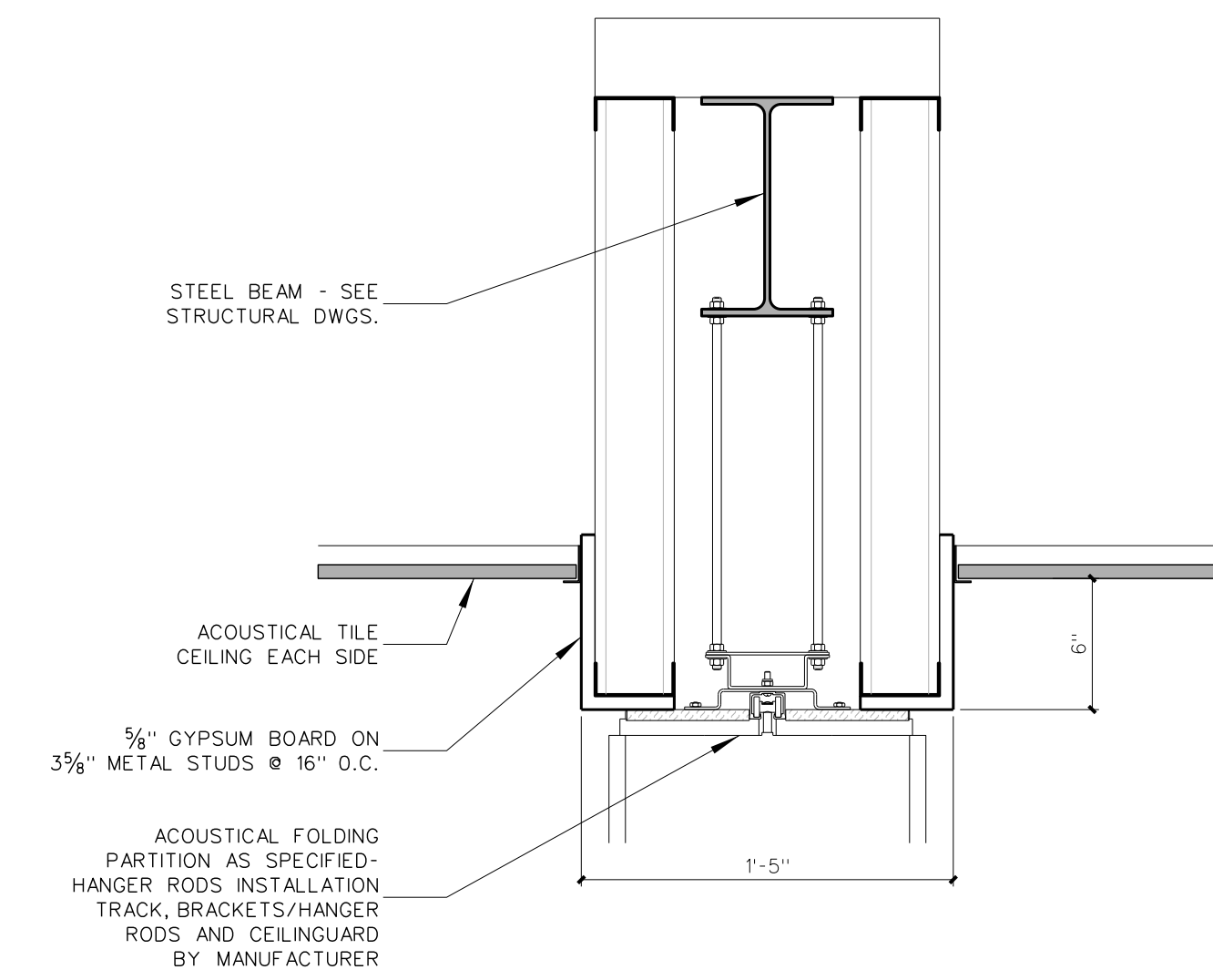
No.	Date

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



New Gymnasium Additions to
West Carteret High School
 4700 Country Club Road, Morehead City, NC 28577
 Carteret County Schools / North Carolina

Project No: 22112
 Date: 18 August 2022
 Drawing no: **A 501**



502.3 FOLDING PARTITION HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

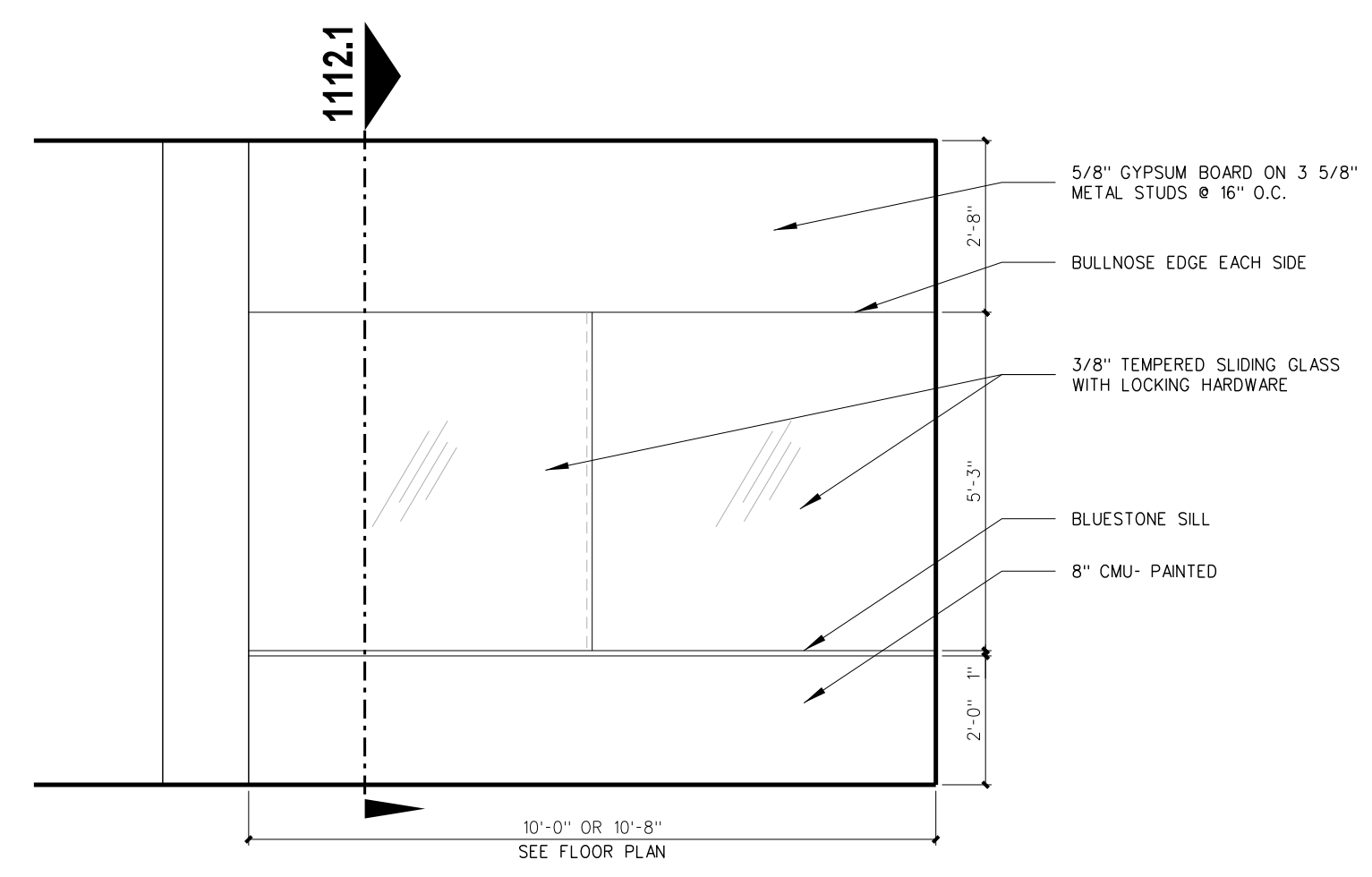
LEGEND - REFLECTED CEILING PLAN

	CEILING TYPE - SEE CEILING FINISH SCHEDULE
	CEILING HEIGHT ABOVE FINISH FLOOR
	SLOPED CEILING
	CEILING HEIGHT ABOVE FINISH FLOOR - LOW SIDE
	CEILING HEIGHT ABOVE FINISH FLOOR - HIGH SIDE
	2 x 2 ACOUSTICAL TILE AND GRID
	GYPBOARD CEILING
	MOISTURE RESISTANT GYPBOARD CEILING
	EXPOSED STRUCTURE
	METAL SOFFIT
	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
	SPEAKER
	SUPPLY AIR GRILLE
	RETURN AIR GRILLE
	EXHAUST FAN
	SMOKE SENSOR
	SECURITY CAMERA

CEILING FINISH SCHEDULE

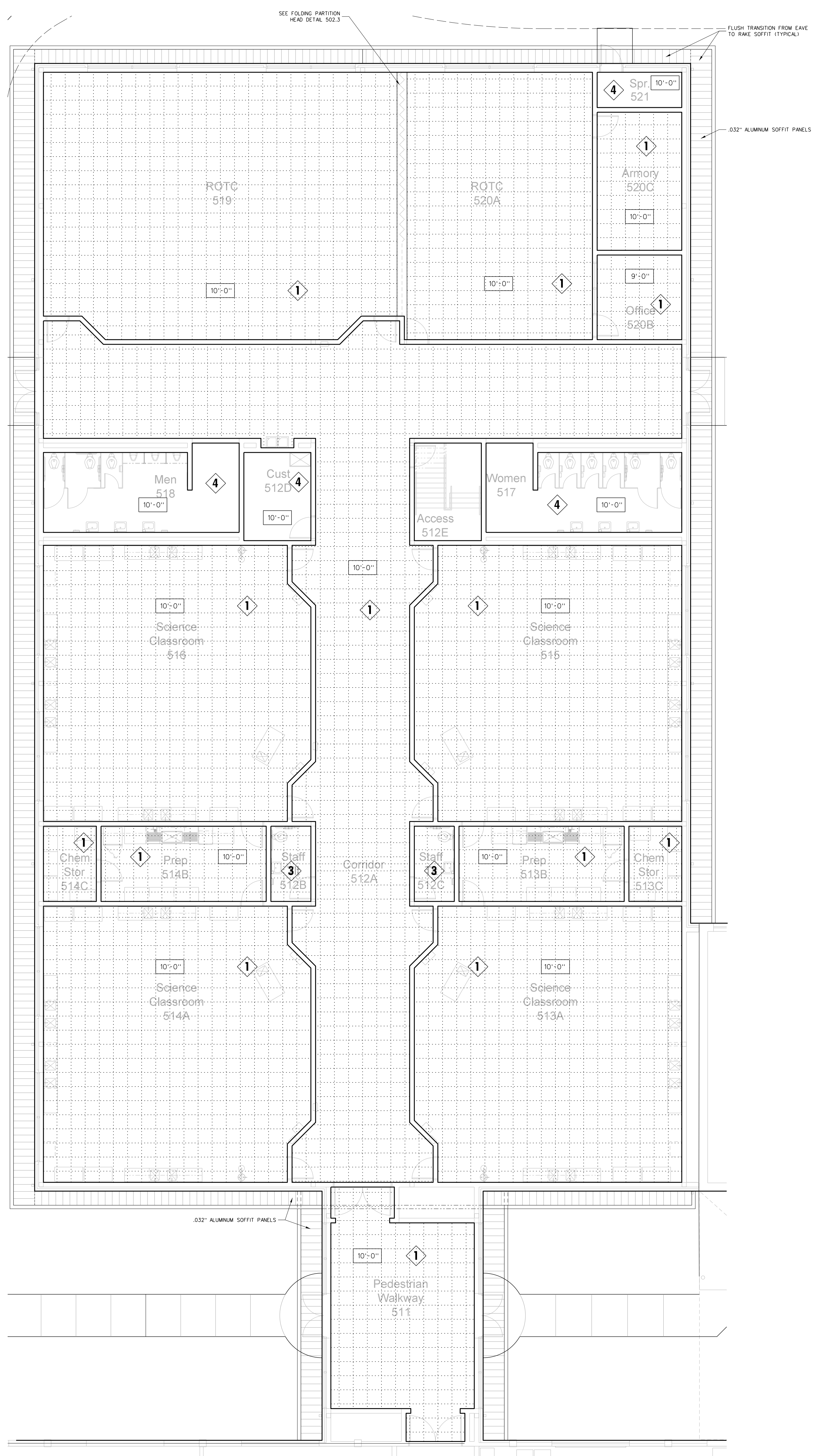
TYPE 1	24"x24" x 5/8" ARMSTRONG YUKON HUMIGRARD PLUS NO. 8770 SQUARE EDGE / PRELUDE XL GRID.
TYPE 2	PAINT EXPOSED STRUCTURE, MECH. AND ELECT. WORK
TYPE 3	24"x24" x 5/8" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL PRELUDE PLUS GRID.
TYPE 4	5/8" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM
TYPE 5	5/8" GYPSUM BOARD WITH HAT CHANNELS/"C" CHANNELS FRAMING SYSTEM.
TYPE 6	ACOUSTICAL SPRAY MATERIAL - SEE ROOM FINISH SCHEDULE FOR COLOR.
TYPE 7	R-30 SIMPLE SAVER INSULATION SYSTEM AS SPECIFIED

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



A PEDESTRIAN WALKWAY 511

502.2 DISPLAY CASE ELEVATION
SCALE: 3/8" = 1'-0"



502.1 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

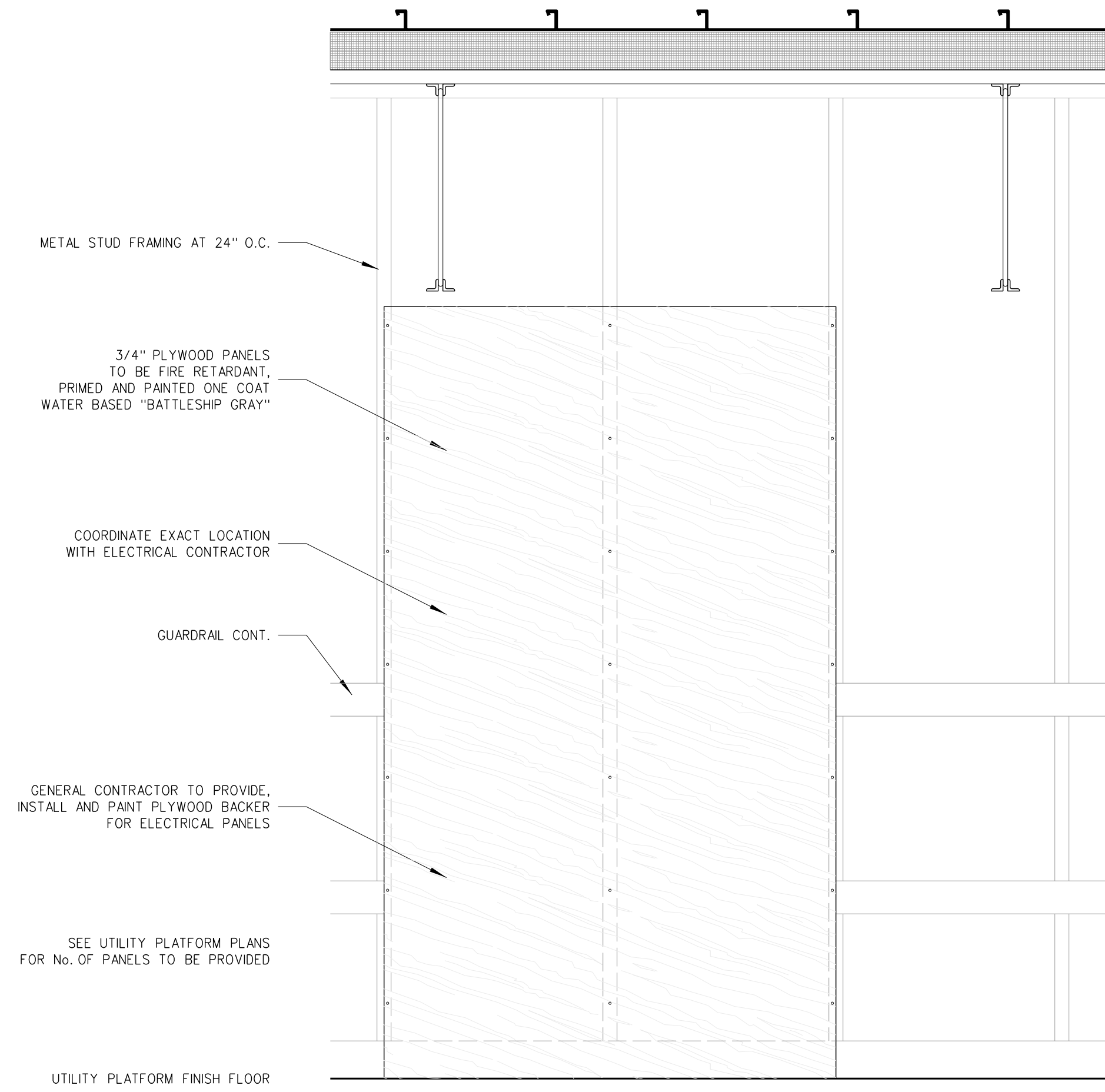
Project No. 22112
Date: 18 August 2022
Drawing No. **A 502**

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REGISTERED ARCHITECT
JAMES GRAY HITE
GREENVILLE, NC
NUMBER 418

REGISTERED ARCHITECT
JAMES GRAY HITE
GREENVILLE, NC
NUMBER 418

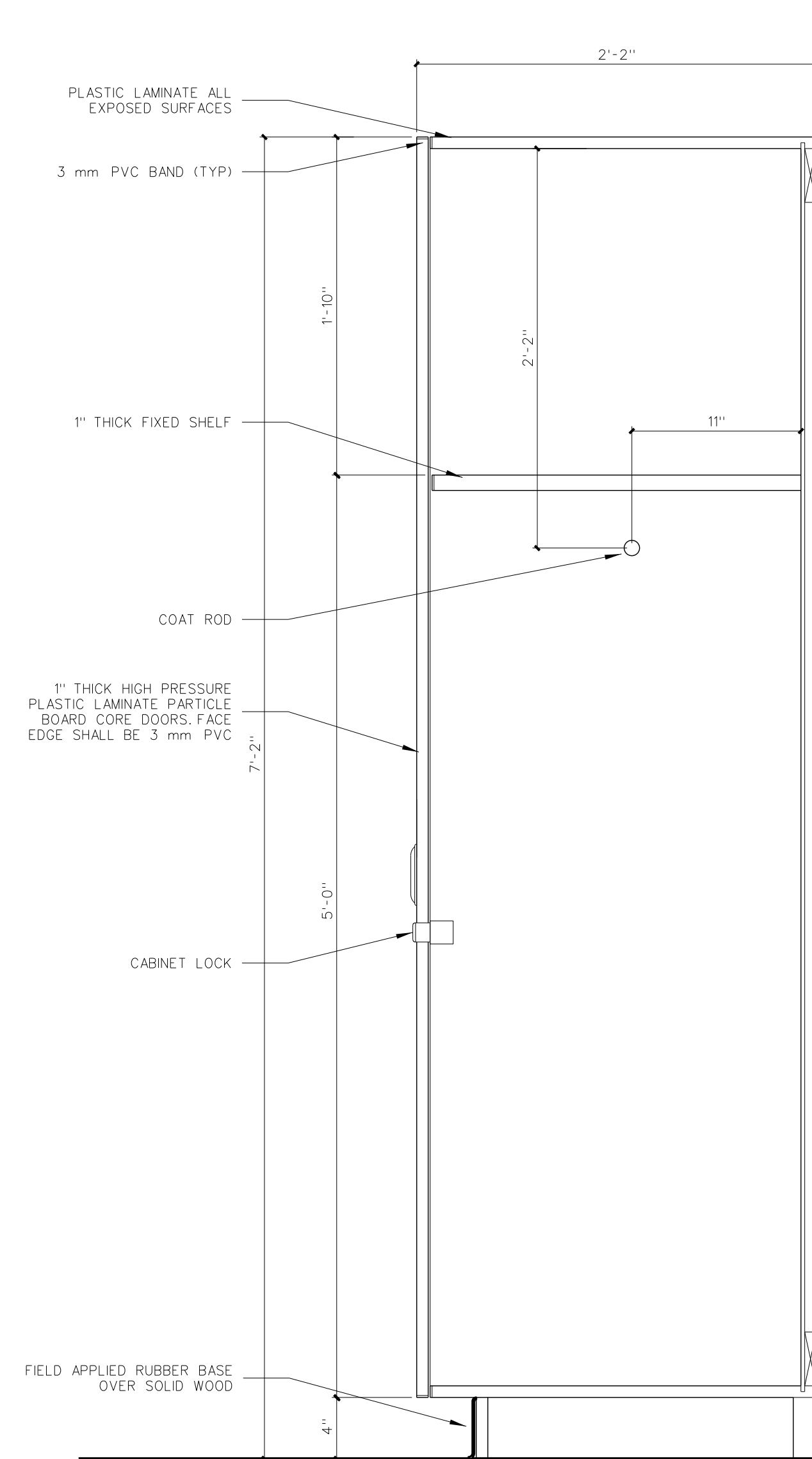
New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina



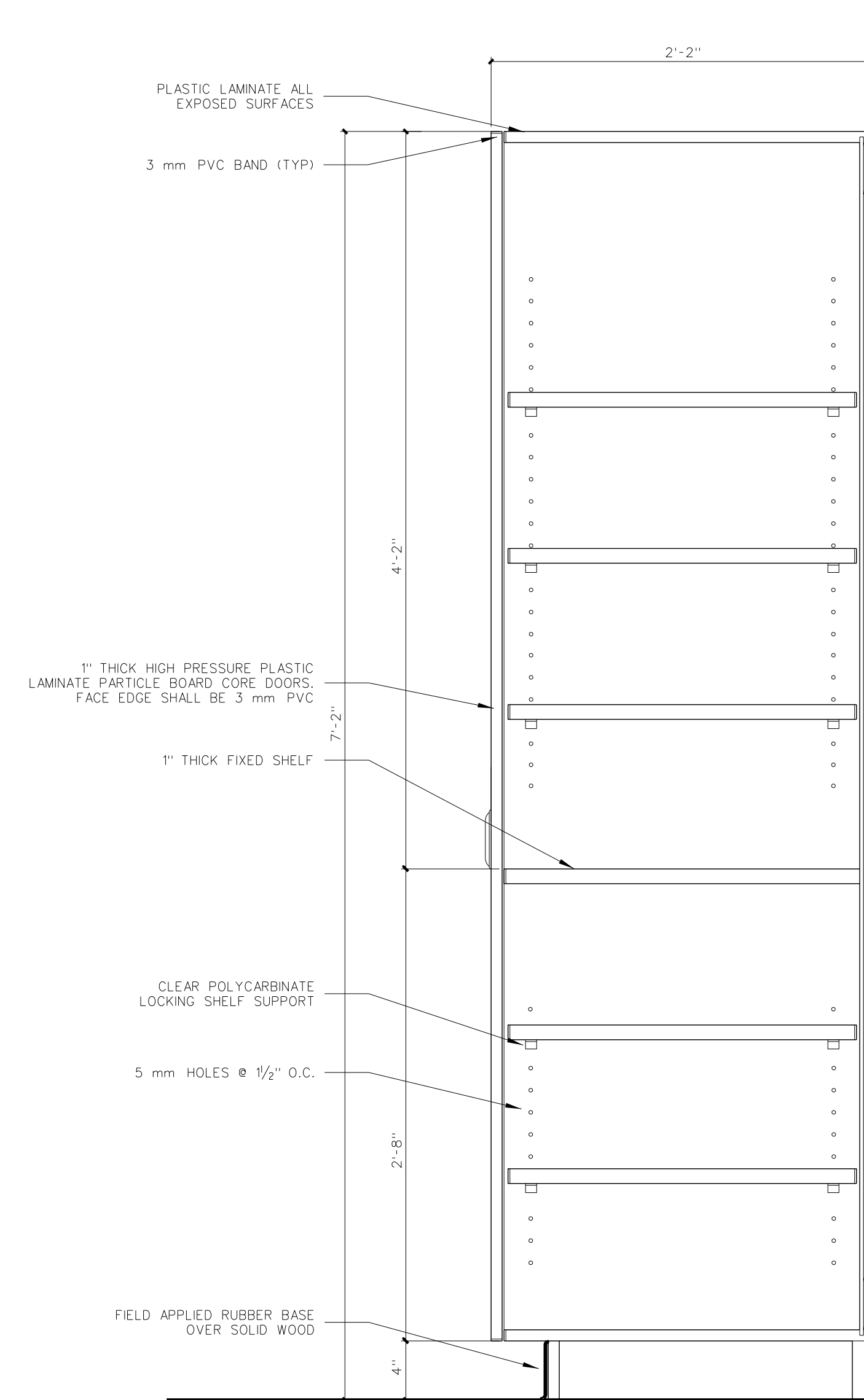
GENERAL NOTES FOR UTILITY PLATFORMS:

- (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 SOLD TO BOTTOM OF DECK. BRIDGED SOLD 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 1" HORIZONTAL REINFORCING AS SPECIFIED AT 16" ON CENTER.
- (4) PROVIDE WALL CONTROL AND EXPANSION JOINTS WHERE SHOWN AND DETAILED OR IN FIRE 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, 1/2" 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.

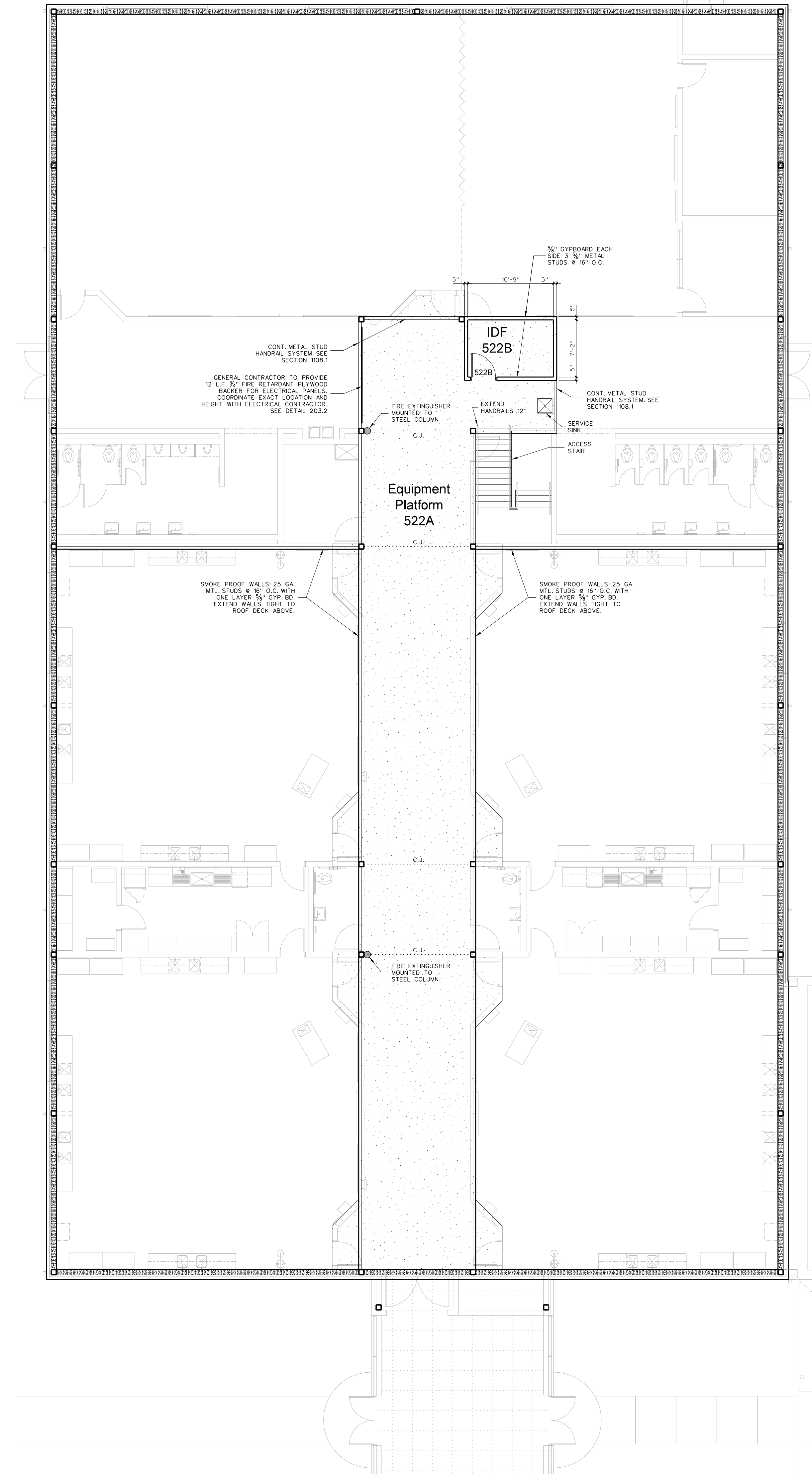
503.2 ELECTRICAL PANEL BACKER DETAIL
SCALE: 1" = 1'-0"



503.4 TEACHERS CABINET
SCALE: 1 1/2" = 1'-0"



503.3 TEACHERS CABINET
SCALE: 1 1/2" = 1'-0"



503.1 EQUIPMENT PLATFORM PLAN
SCALE: 1/8" = 1'-0"

No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2800 Meridian Drive / Greenville, NC 27834 / Tel: (252) 757-0333



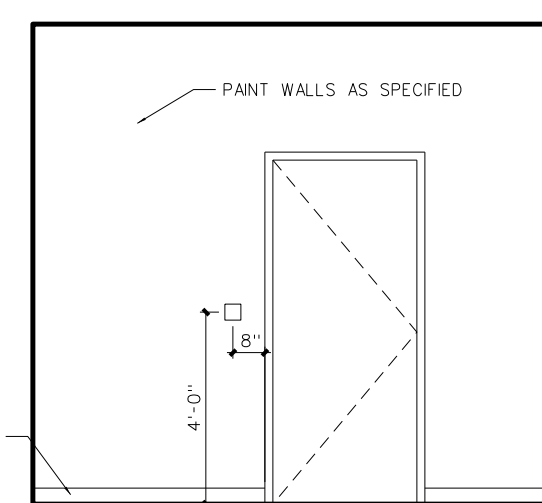
New Gymnasium Additions to
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4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112
Date: 18 August 2022
Drawing no. **A 503**

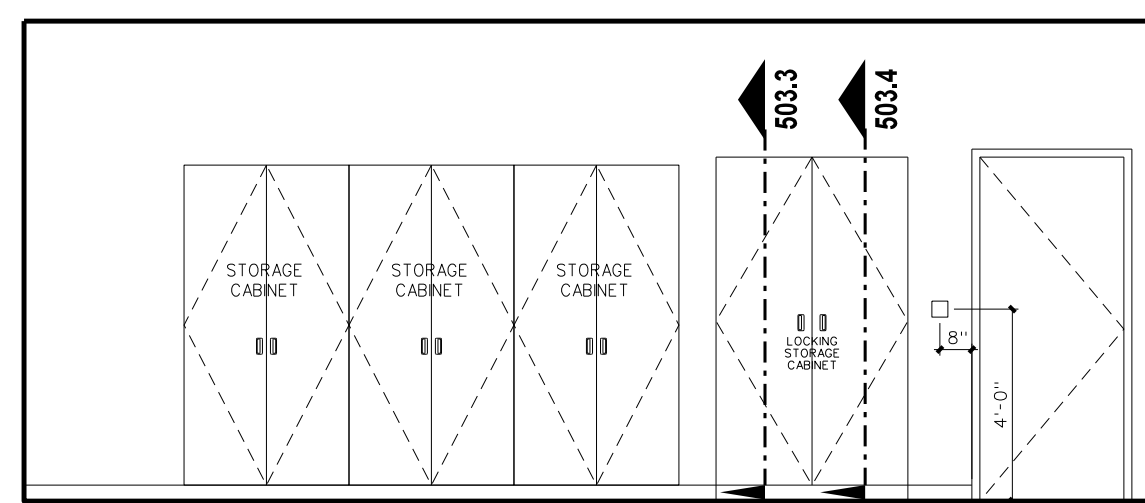
SCIENCE EQUIPMENT/FURNITURE SCHEDULE

MARK	MODEL	DESCRIPTION	REMARKS	
A1	CAMPBELL/HEA 6008A	INSTRUCTOR'S DESK	60"Wx30"Dx34"H	NOTE 12, 3, 4)
A2	CAMPBELL/HEA 6008A	INSTRUCTOR'S DESK	60"Wx30"Dx34"H	NOTE 12, 3, 4)
B	CAMPBELL/HEA 3607E	BASE CABINET	41.25"Wx22.5"Dx33"H	NOTE 12, 3, 4)
C	CAMPBELL/HEA 8760	ACID CLOSURE PANEL ASSEMBLY	47.25"Wx22.5"Dx33"H	NOTE 12, 3, 4)
D	CAMPBELL/HEA 3755F	SINK BASE CABINET	47.25"Wx22.5"Dx33"H	NOTE 12, 3, 4)
E	CAMPBELL/HEA 3624	BASE CABINET	24"Wx22.5"Dx33"H	
F	CAMPBELL/HEA 4792	WALL CASE GLASS DOORS	41.25"Wx12"Dx31.25"H WITH GLASS DOORS	
G	CAMPBELL/HEA 4298	WALL CASE OPEN FRONT	41.25"Wx12"Dx31.25"H OPEN SHELVES	
H	DURCOIN 425		18"x15"x5"D	WITH WATER FAUCET, OUTLET, AND TAPPECE
J	DURCOIN 025		18"x15"x5.75"D	WITH WATER FAUCET, OUTLET, AND TAPPECE
K	CAMPBELL/HEA 3687D	BASE CABINET	35.25"Wx22.5"Dx33"H	
L	CAMPBELL/HEA 4790	WALL CASE GLASS DOORS	35.25"Wx12"Dx31.25"H WITH GLASS DOORS	NOTE 12, 3, 4)
M	CAMPBELL/HEA 3755E	SINK BASE CABINET	41.25"Wx22.5"Dx33"H	
N	DURCOIN D65C		35.5"Wx9.5"x9.75"D	WITH WATER FAUCET, OUTLET, AND TAPPECE
O	CAMPBELL/HEA 6666	PHENOLIC FIBERBOARD	48"Wx12"Dx30"H	
P	CAMPBELL/HEA 4328	WALL CASE OPEN FRONT	24"Wx12"Dx31.25"H OPEN SHELVES	
Q	CAMPBELL/HEA 4274	WALL CASE OPEN FRONT	35.25"Wx9.5"x9.75"D OPEN SHELVES	
R	CAMPBELL/HEA 6781A	ACID STORAGE CASE	35"Wx22"Dx35.75"H	
S	CAMPBELL/HEA 6778	FLAMMABLE STORAGE CABINET	43"Wx19"Dx65"H	
T	CAMPBELL/HEA 5726	STORAGE CASE GLASS DOORS	41.25"Wx22.5"Dx84"H	
U	CAMPBELL/HEA 6784	GLASSES GOOGLE MONITOR	24.5"Wx9.5"Dx32"H	
V	CAMPBELL/HEA 9960	FIRE BLANKET	17"Wx12"Dx19.5"H	
W	CAMPBELL/HEA 1600	STORAGE CASE SOLID DOORS	41.25"Wx22.5"Dx84"H	
X	DIVERSIFIED WOODCRAFTS 470K		MOBILE MICROSCOPE CABINET 48"Wx24"Dx44"H	
Y	DIVERSIFIED WOODCRAFTS 475K		MOBILE TOTE TRAY CABINET 48"Wx24"Dx41.5"H	
Z	LABONCO FUME HOOD 2247300		FUME HOOD 47"Wx22.5"Dx53"H	COORDINATE W/ MECH/ELEC. WORK
ZZ	LABONCO BASE 890000		LABONCO COUNTERTOP 48.28x22.5x36"	COORDINATE W/ MECH/ELEC. WORK

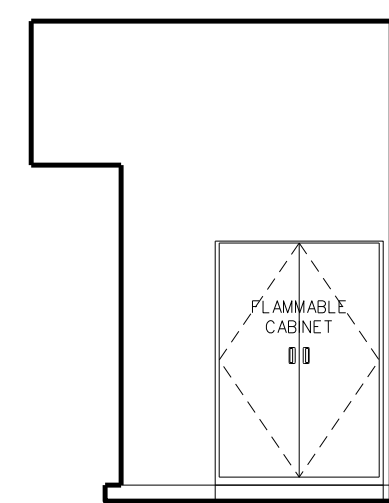
NOTES:
 (1) ALL TOPS TO BE 1/2" BLACK EPOXY RESIN TOP UNLESS OTHERWISE NOTED.
 (2) SINKS, SINK OUTLETS AND TAPPECES SUPPLIED AND INSTALLED BY SCIENCE EQUIPMENT SUBCONTRACTOR / CASEWORK SUPPLIER.
 (3) ALL TRAPS SUPPLIED, INSTALLED AND HOOKED UP BY PLUMBING CONTRACTOR.
 (4) TAPPECES TO BE ACID RESISTANT POLYPROPYLENE.



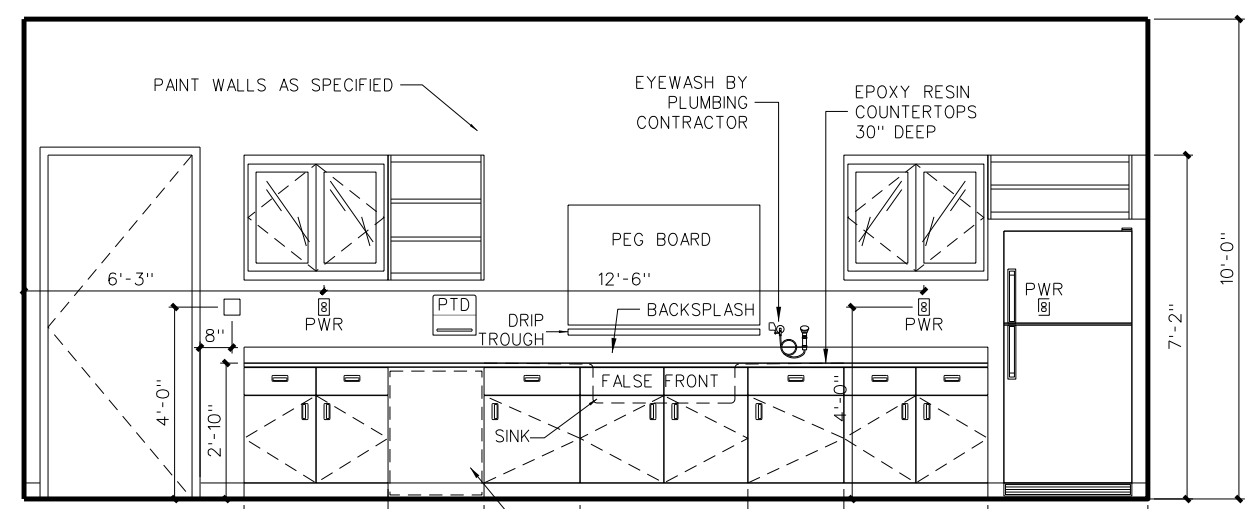
C PREP ROOM 513B



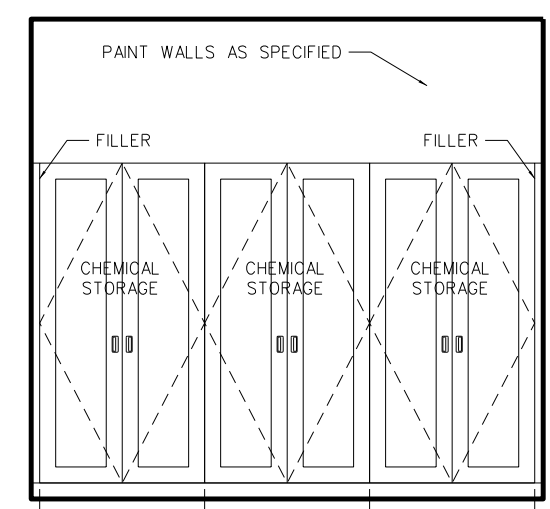
B PREP ROOM 513B



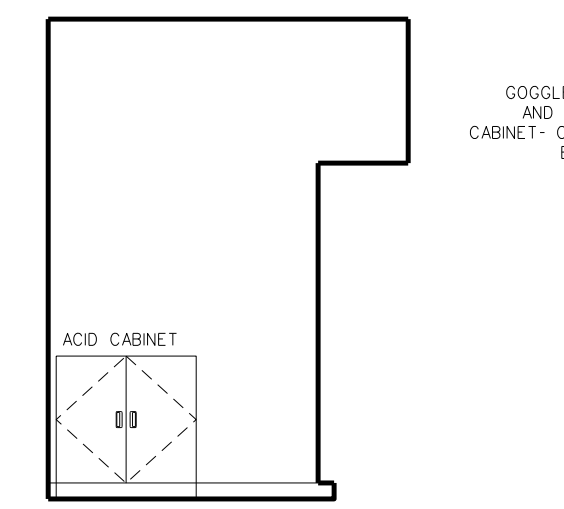
C CHEM. STOR. 513C



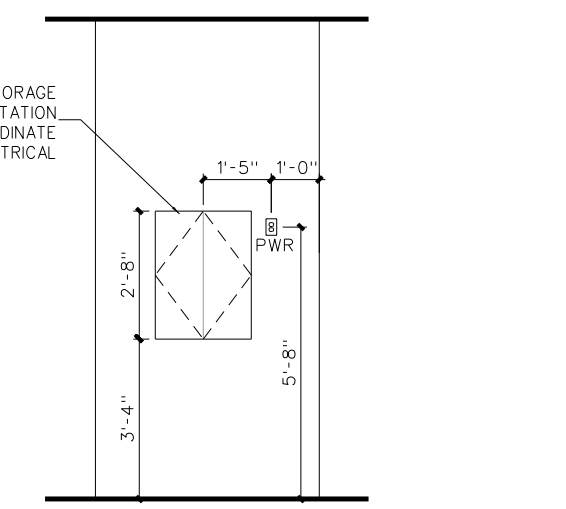
A PREP ROOM 513B



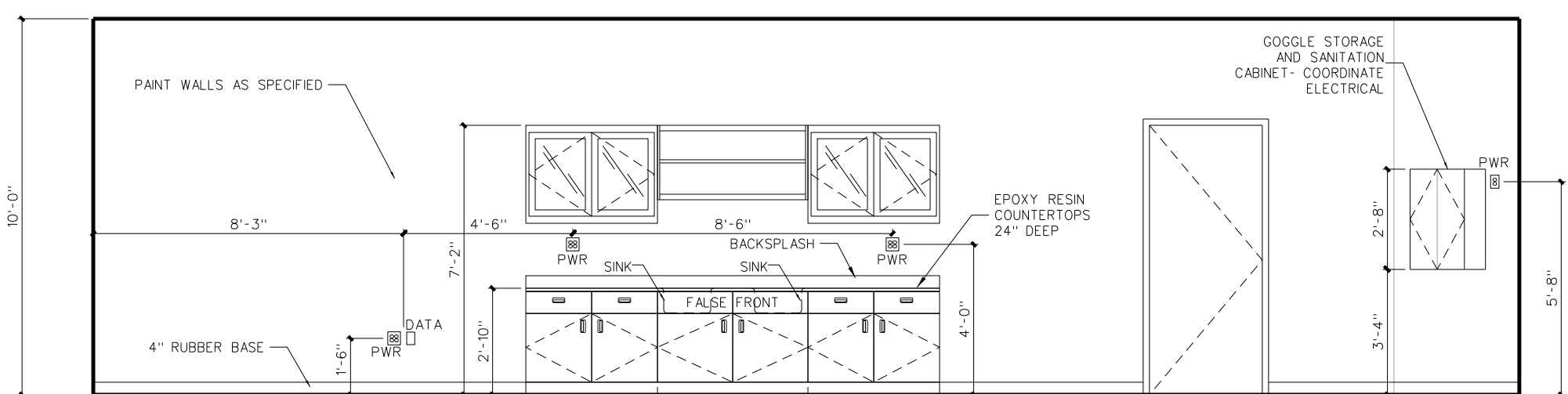
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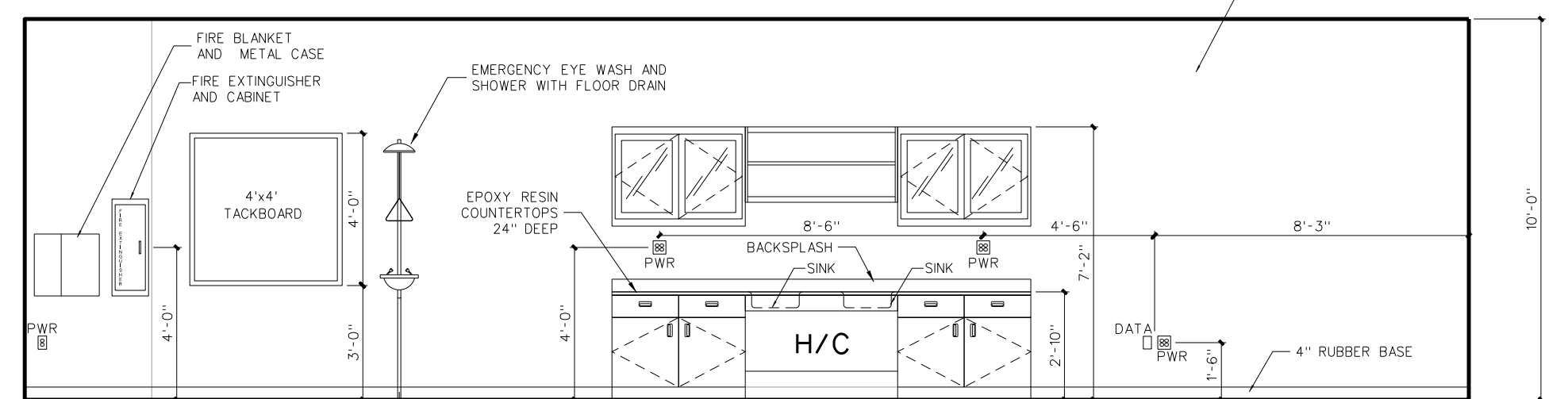
A CHEM. STOR. 513C



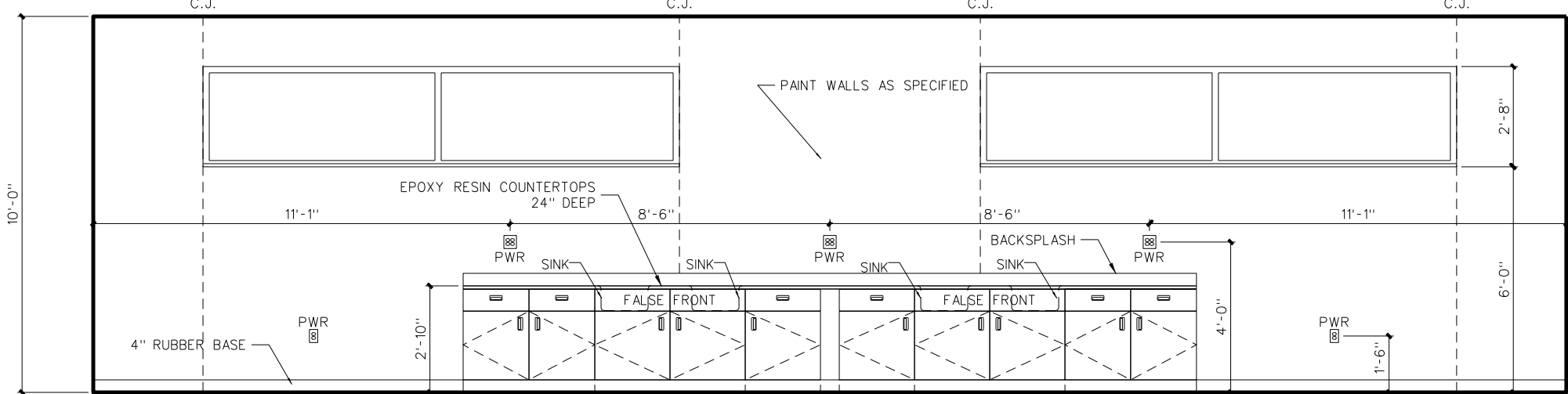
E SCIENCE CLASSRMS. 513A & 515



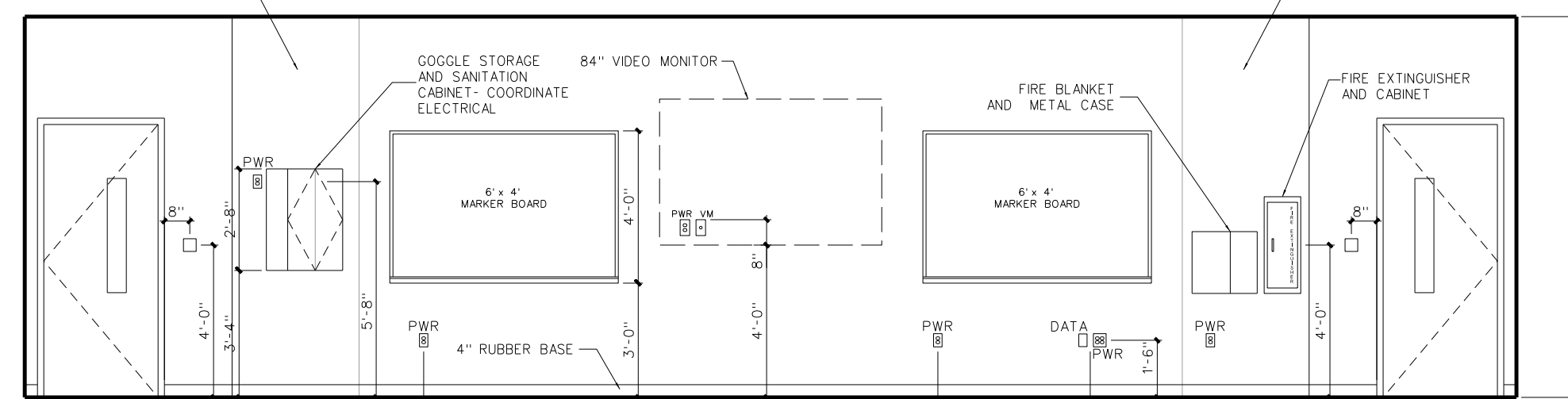
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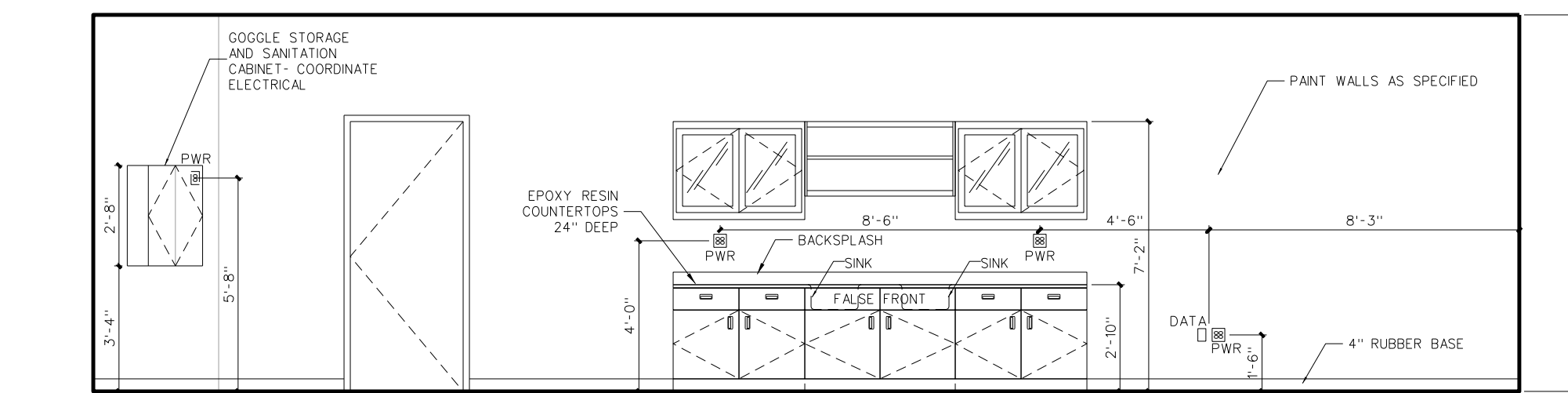
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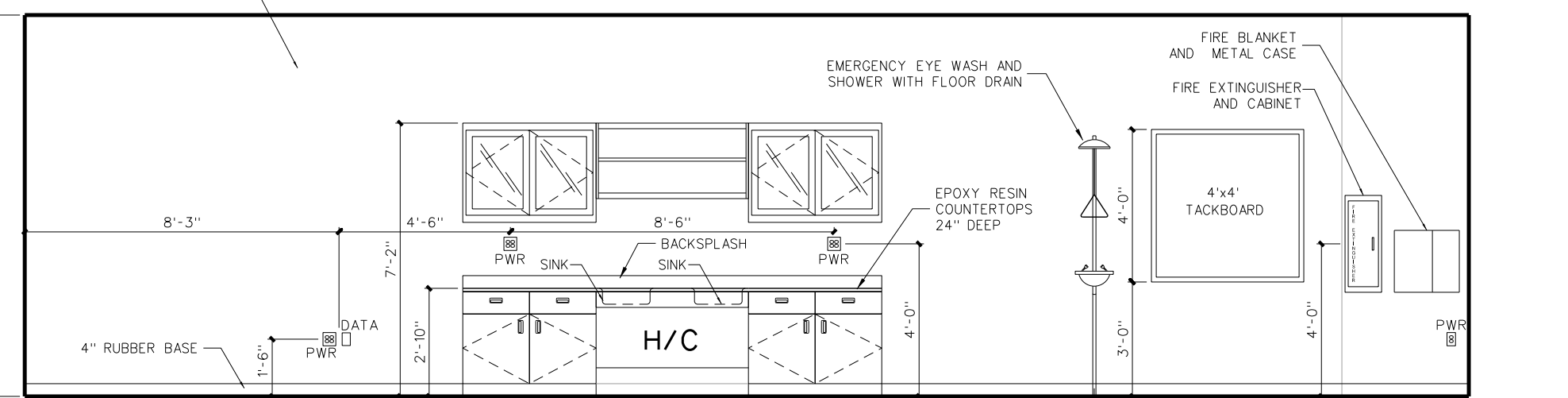
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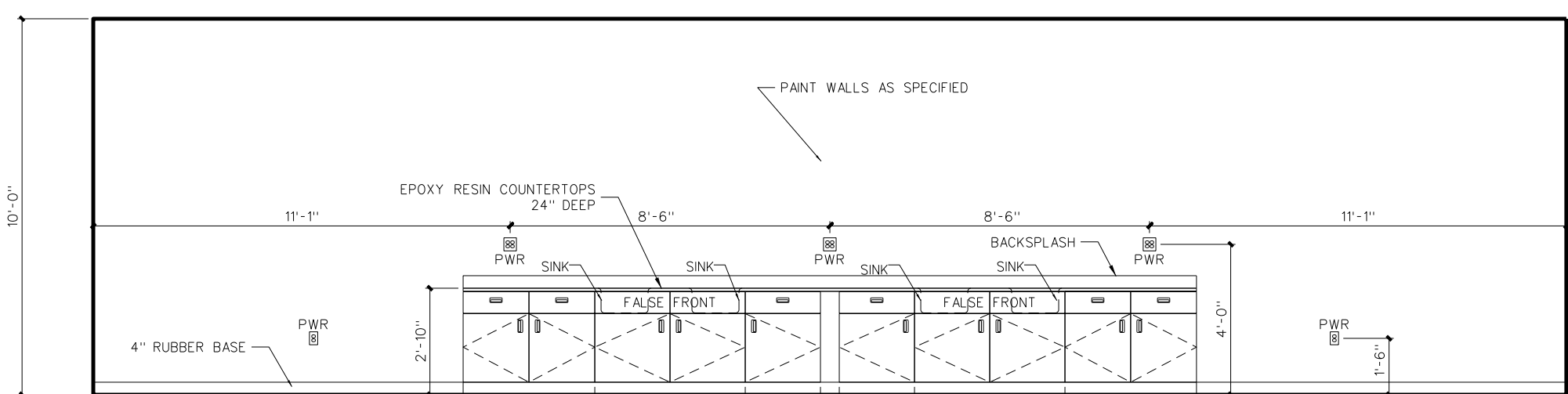
A SCIENCE CLASSROOM 515



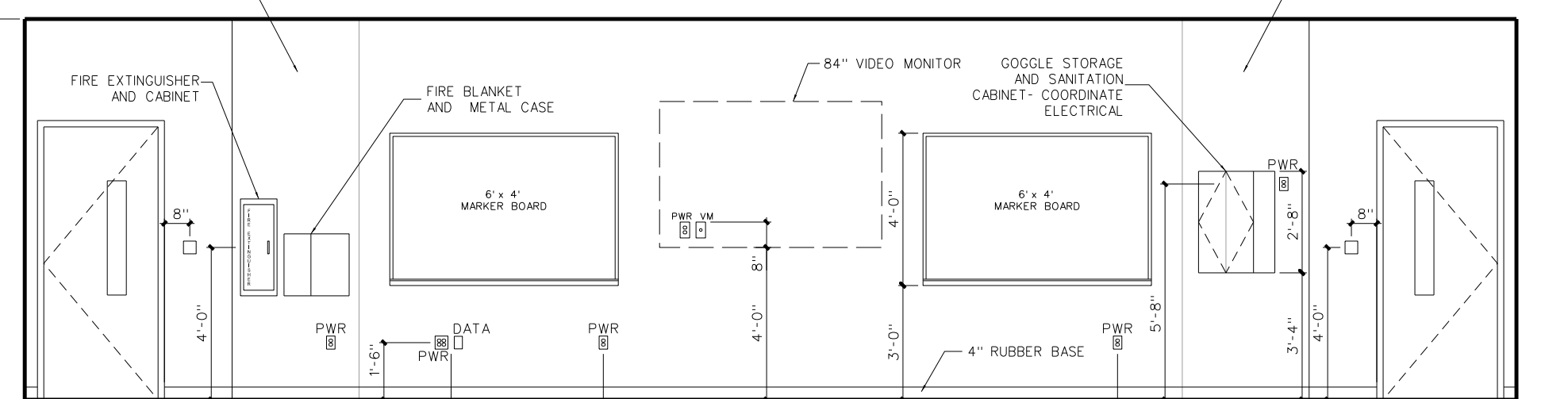
D SCIENCE CLASSROOM 513A



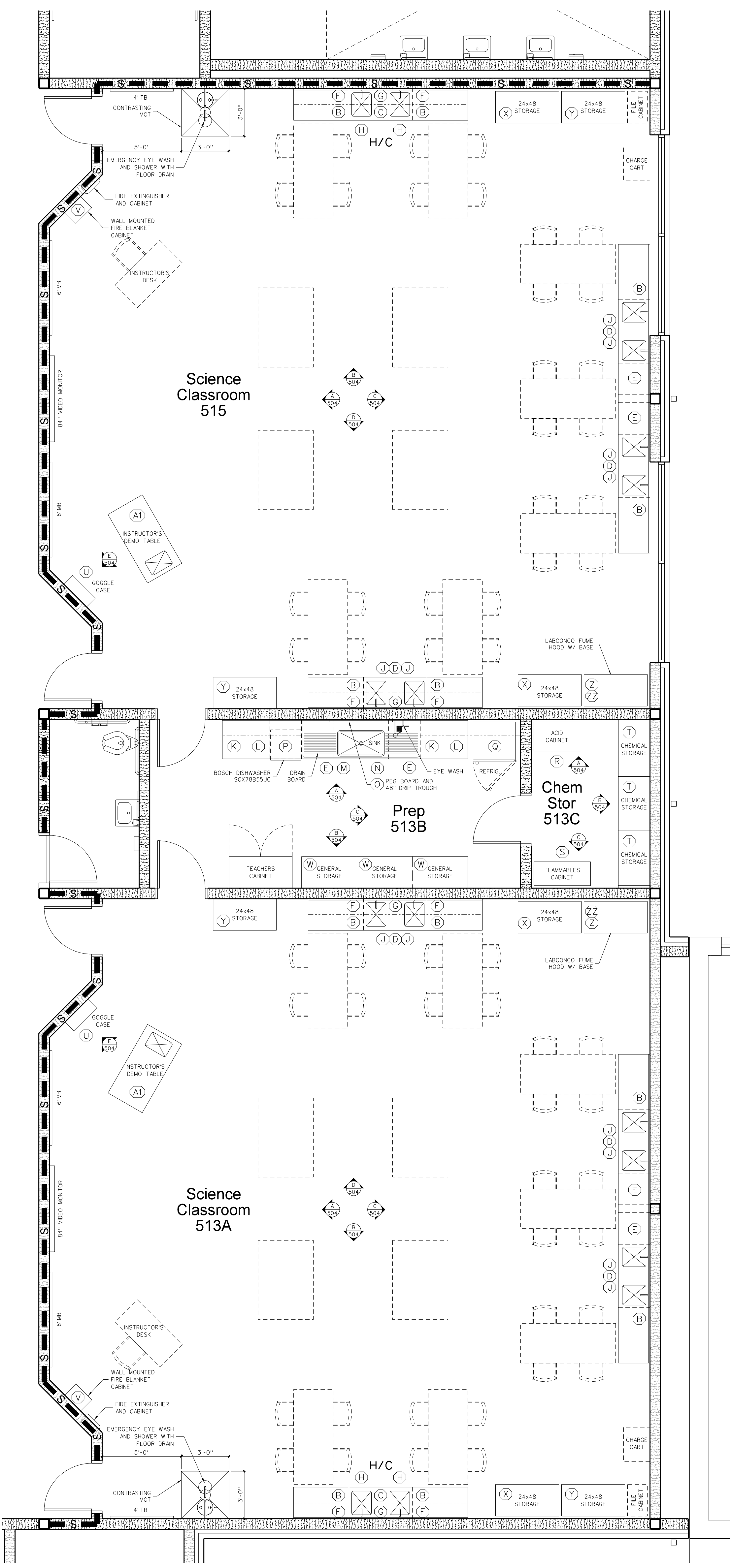
B SCIENCE CLASSROOM 513A



C SCIENCE CLASSROOM 513A



A SCIENCE CLASSROOM 513A



504.1 ENLARGED FLOOR PLAN: SCIENCE CLASSROOMS

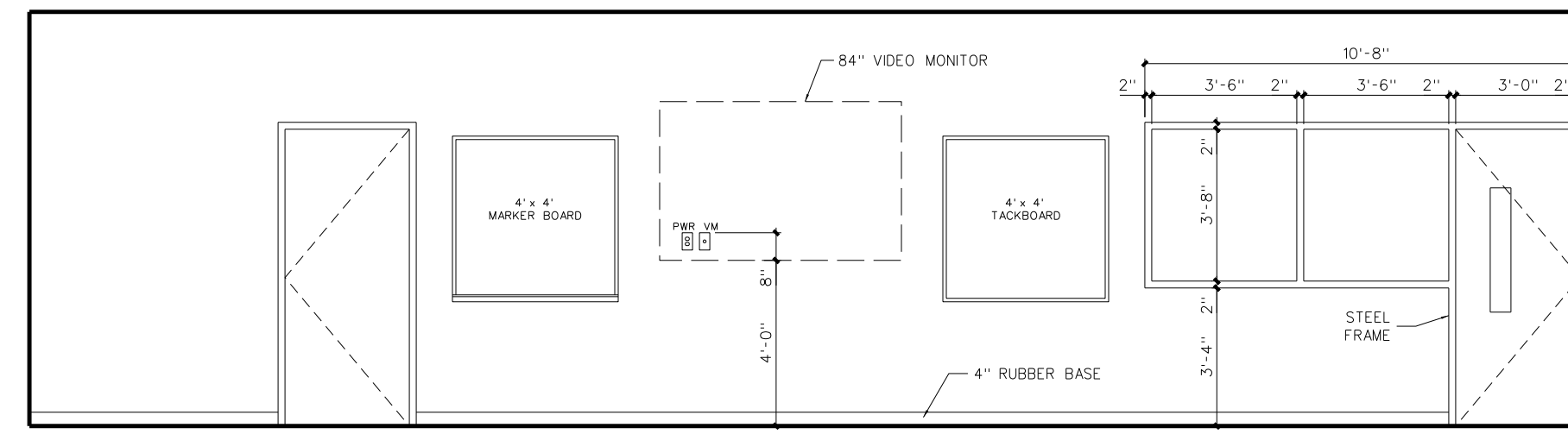
SCALE: 1/4" = 1'-0"

504.2 INTERIOR ELEVATIONS

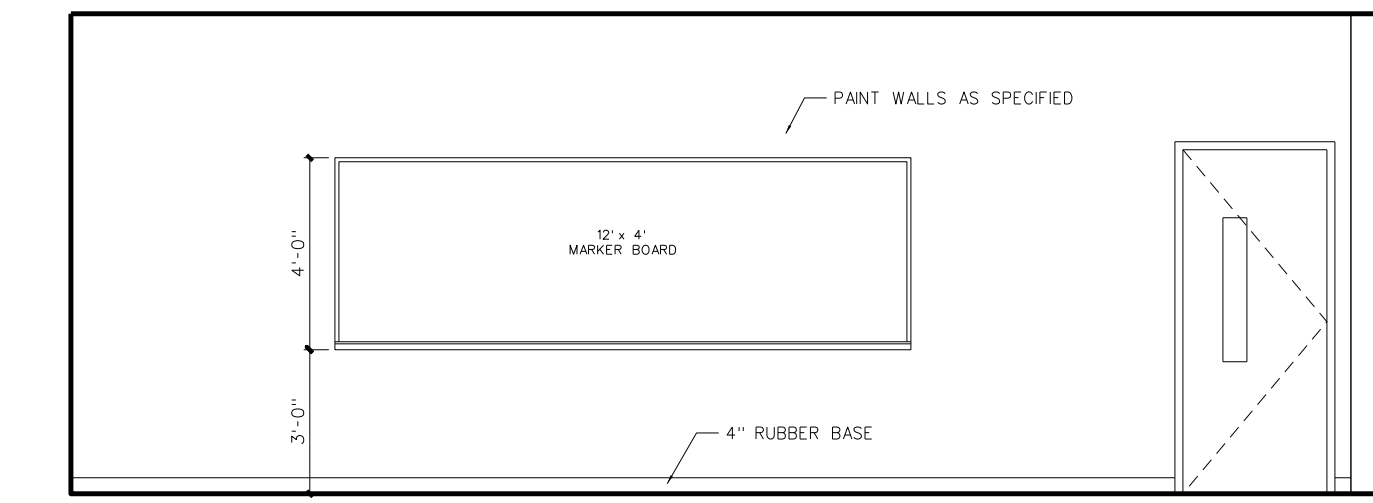
SCALE: 1/4" = 1'-0"

Hite associates
 ARCHITECTURE / PLANNING / TECHNOLOGY
 2600 Meridian Drive / Greenville, NC 27834 / Tel: (252) 757-0933

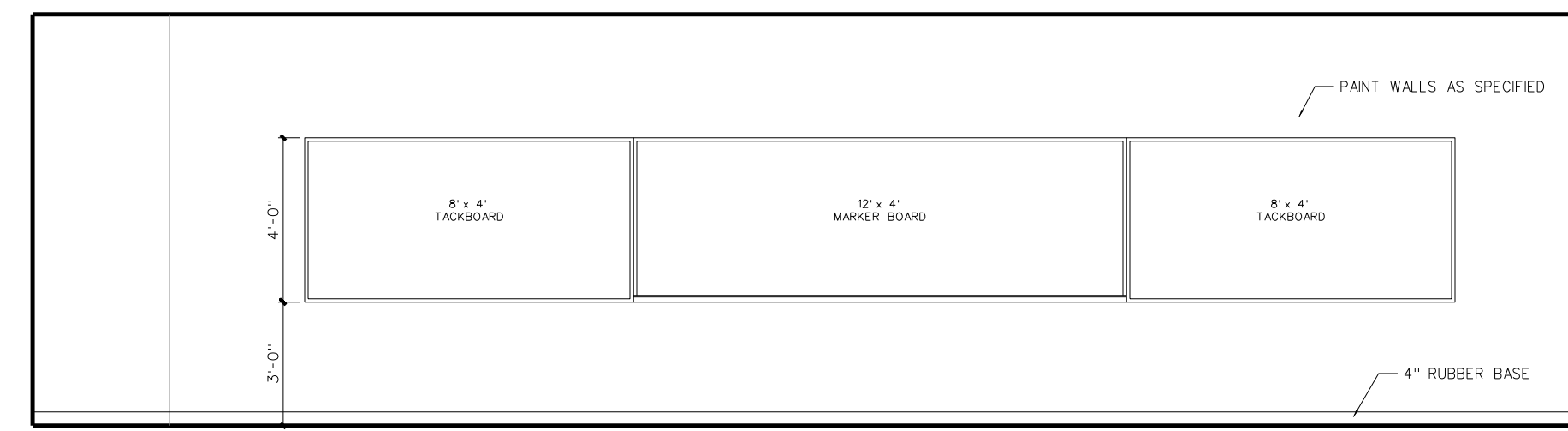
Project No. 22112
 Date: 18 August 2022
 Drawing No. A 504



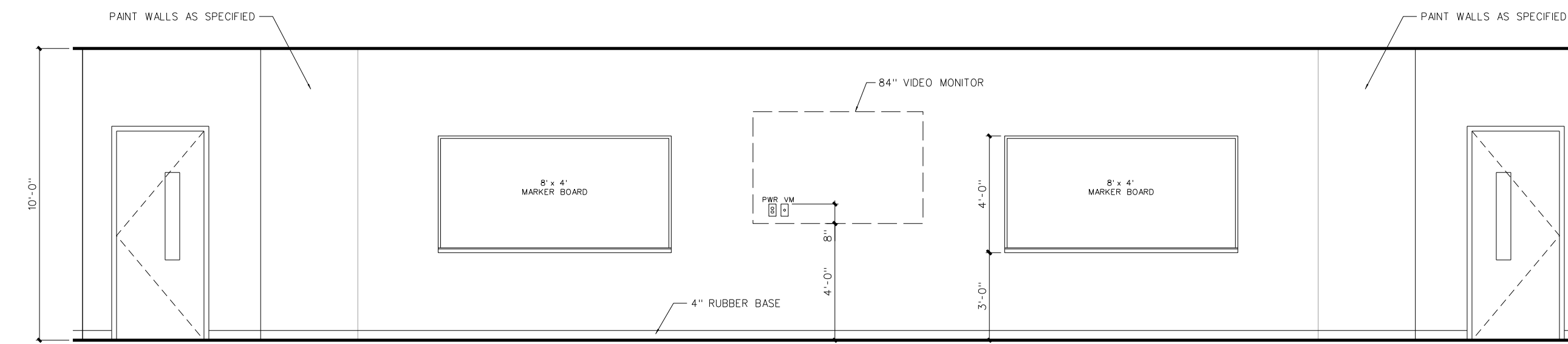
B ROTC 520A



A ROTC 520A



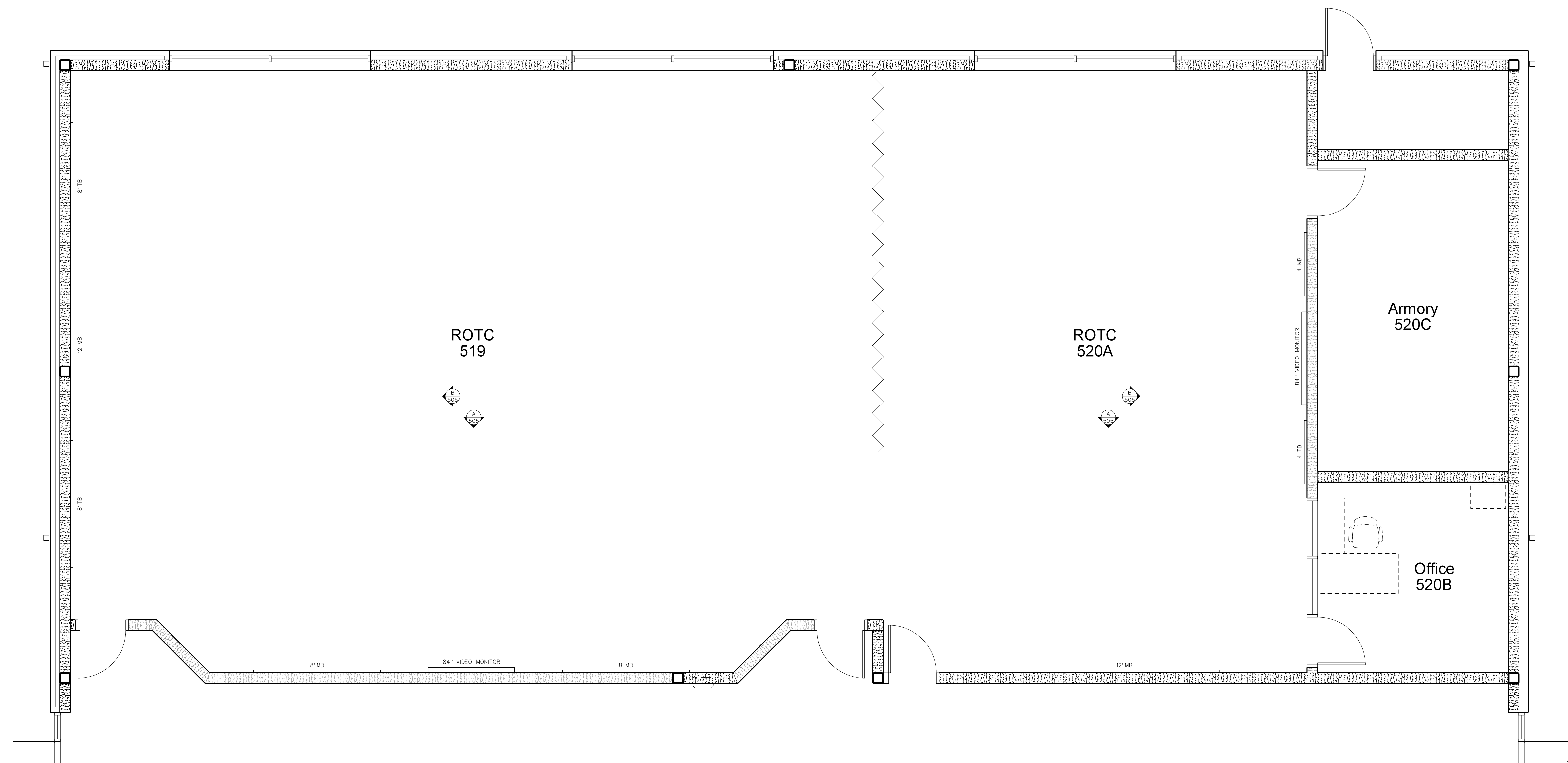
B ROTC 519



A ROTC 519

505.2 INTERIOR ELEVATIONS

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

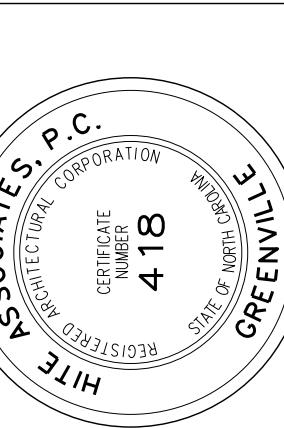


505.1 ENLARGED ROTC CLASSROOMS

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

No.	Date	Revision

Hite associates
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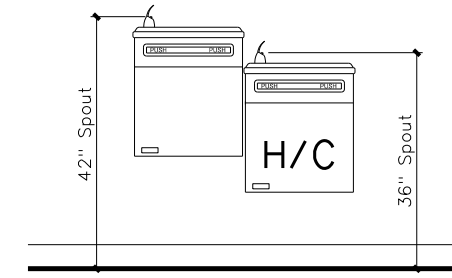
New Gymnasium Additions to
West Carteret High School
 4700 Country Club Road, Morehead City, NC 28577
 Carteret County Schools / North Carolina

Project No. 22112

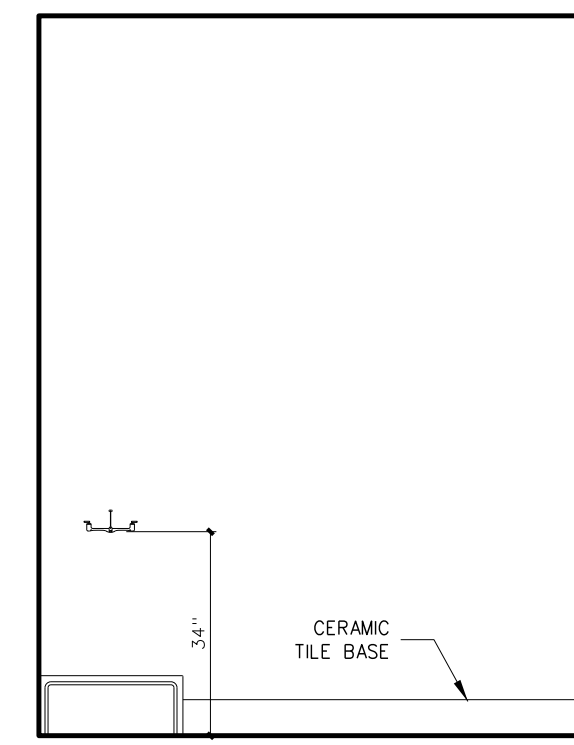
Date: 18 August 2022

Drawing no.

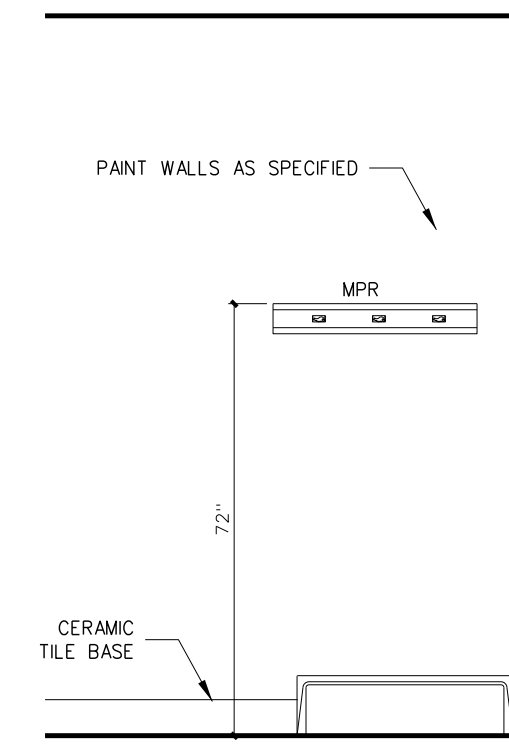
A
505



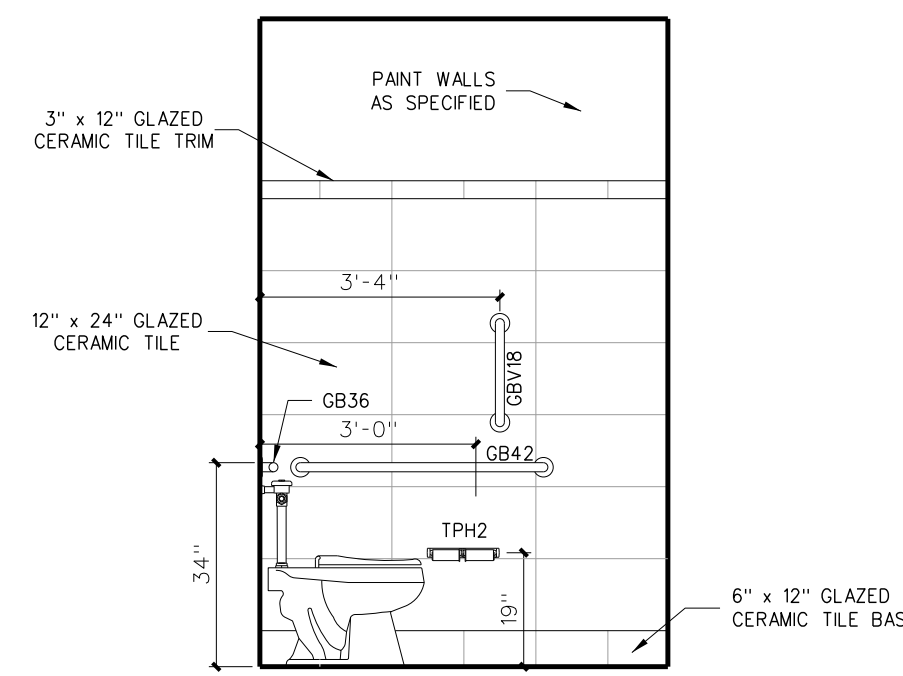
A CORRIDOR 512A



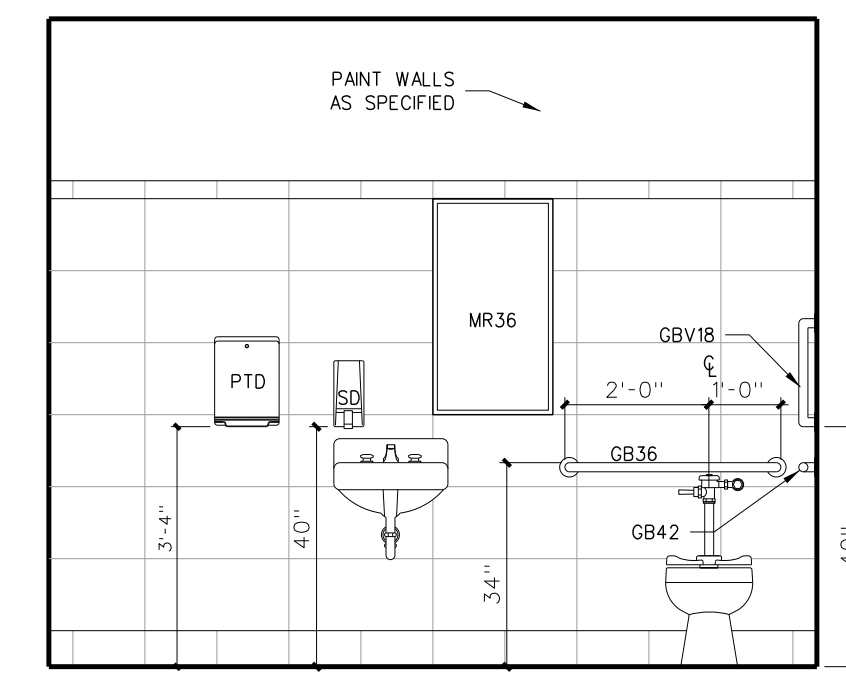
B CUSTODIAN 512E



A CUSTODIAN 512E



B STAFF 512B (512C O.H.)

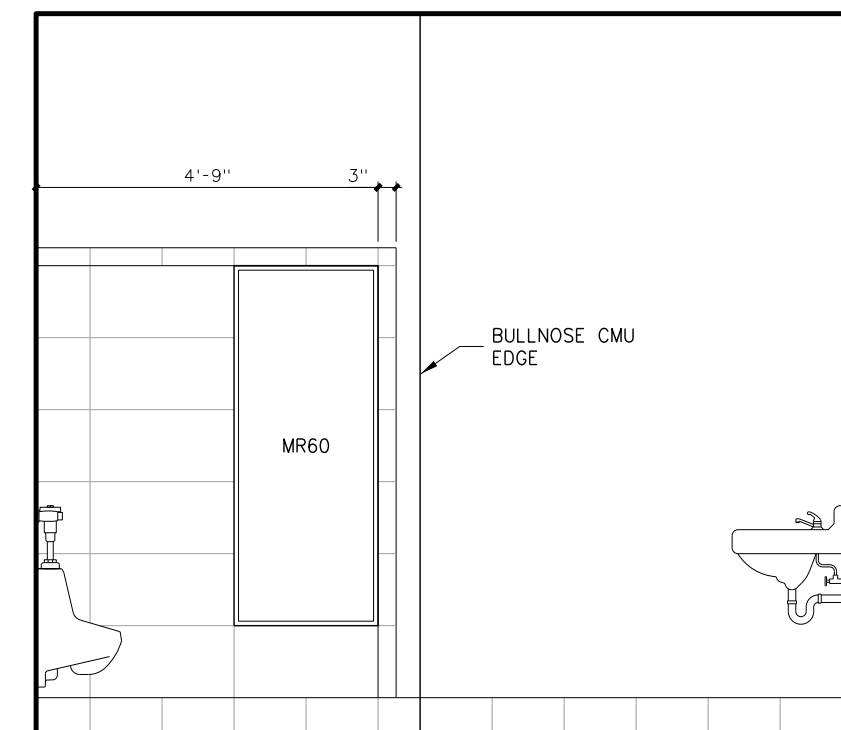


A STAFF 512B (512C O.H.)

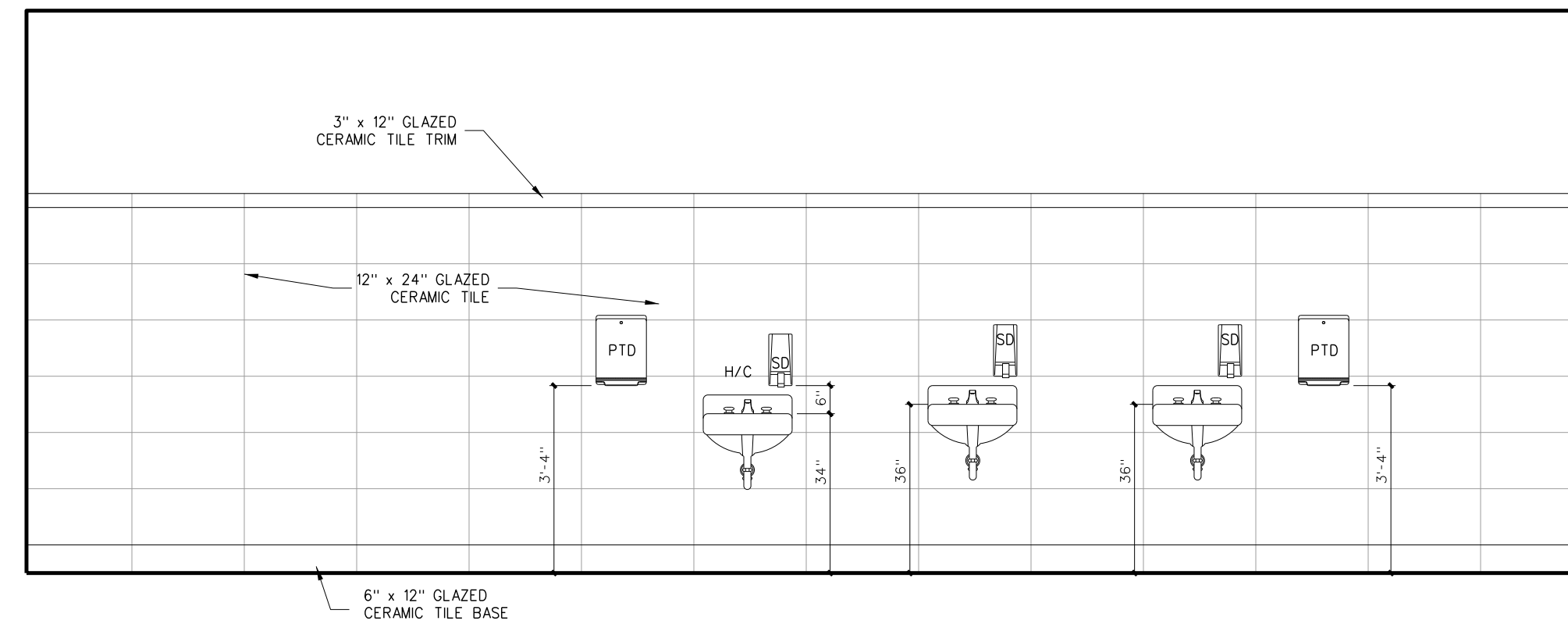
Toilet Accessory Schedule

Mark	Model	Description	Number Required	Remarks
SD	BY OWNER	LOTION SOAP DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SNDU	BY OWNER	SANITARY NAPKIN DISPENSER	FEMALE TOILETS	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH1	BY OWNER	TOILET PAPER DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH2	BOBRICK 9-2740	TOILET PAPER DISPENSER	AS PER PLAN	
MR36	BOBRICK 165-1836	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
MR60	BOBRICK 165-2460	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
GB18	BOBRICK 6806-18	18" GRAB BAR (MOUNT VERTICALLY)	AS PER PLAN	
GB24	BOBRICK 6806-24	24" GRAB BAR	AS PER PLAN	
GB30	BOBRICK 6806-30	30" GRAB BAR	AS PER PLAN	
GB36	BOBRICK 6806-36	36" GRAB BAR	AS PER PLAN	
GB42	BOBRICK 6806-42	42" GRAB BAR	AS PER PLAN	
PTD	BY OWNER	PAPER TOWEL DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SSWS		STAINLESS STEEL WALL SHIELD	AS PER PLAN	16 GA. TYPE 304 STAINLESS STEEL
FSS-1	BOBRICK 5191	FOLDING SHOWER SEAT	AS PER PLAN	H/C TRANSFER TYPE SHOWER
SSCR	BOBRICK 6047	SHOWER CURTAIN ROD	ONE EACH SHOWER	PROVIDE VINYL CURTAIN BOBRICK 204-2/204-3 W/ HOOKS
SDH	BOBRICK-973	SOAP DISH	ONE EACH SHOWER	SEE ELEVATION
DRH	BOBRICK 7672	DOUBLE ROBE HOOK	ONE EACH SHOWER	
MPR	BOBRICK 239x34	MOP RACK	ONE EACH CUSTODIAN ROOM	PLACE OVER MOP SINK

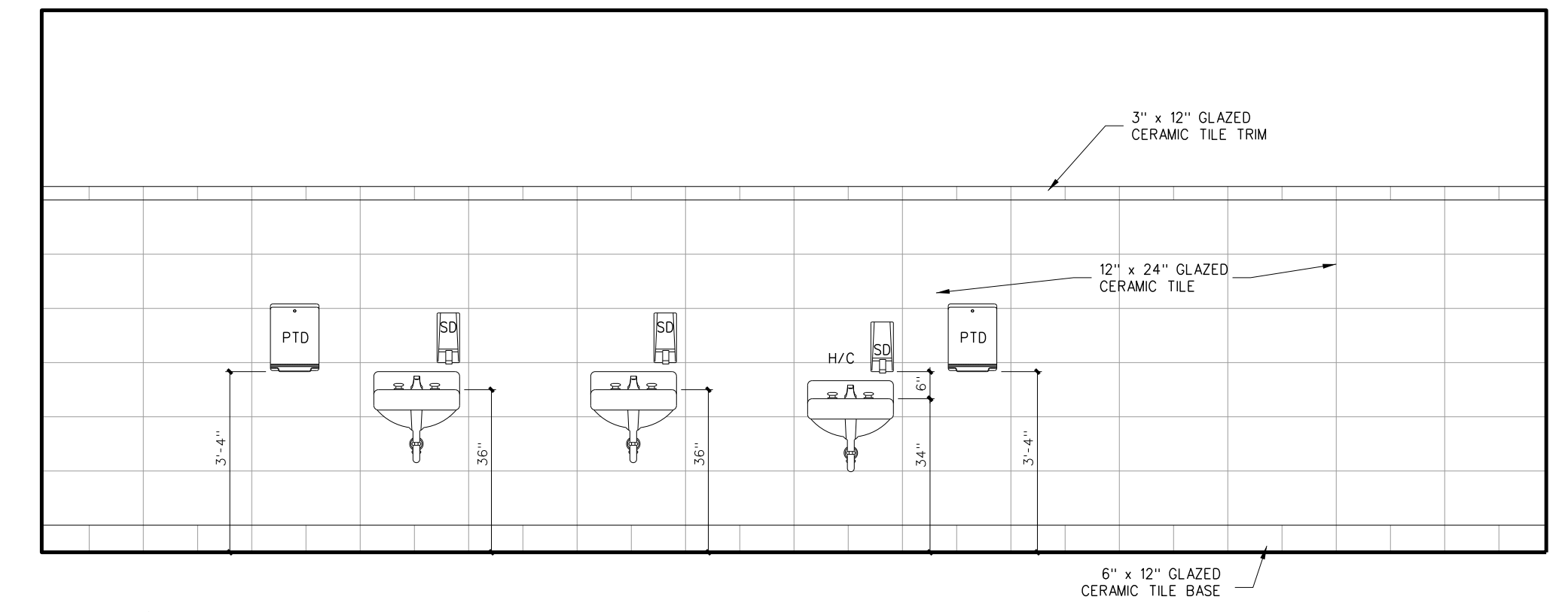
ALL MODEL NUMBERS REFERENCE BOBRICK ACCESSORY
PROVIDE BLOCKING AS REQUIRED FOR TOILET ACCESSORIES AND DOOR STOPS



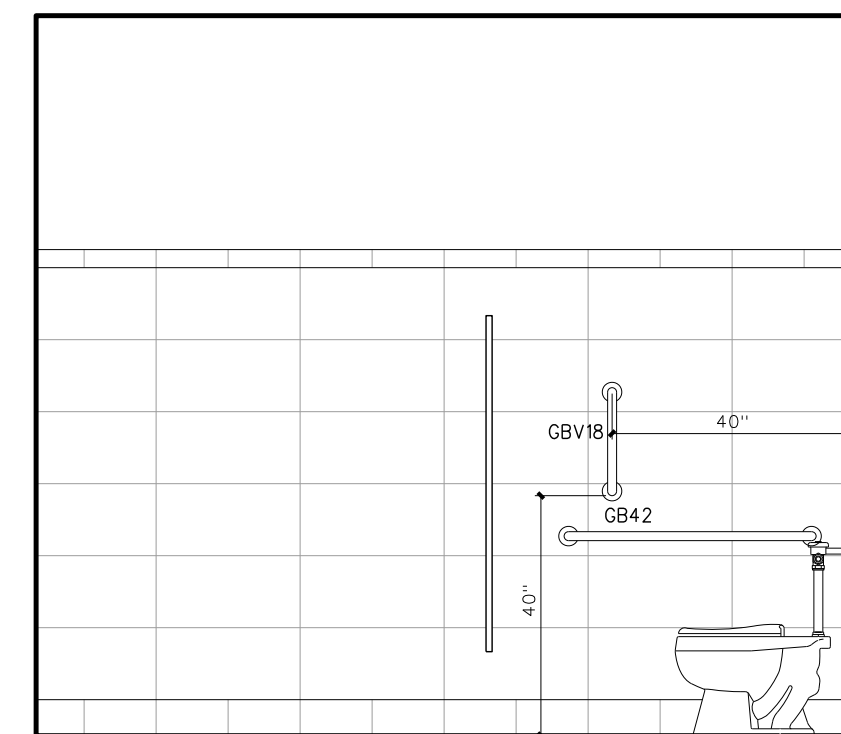
D MEN 518



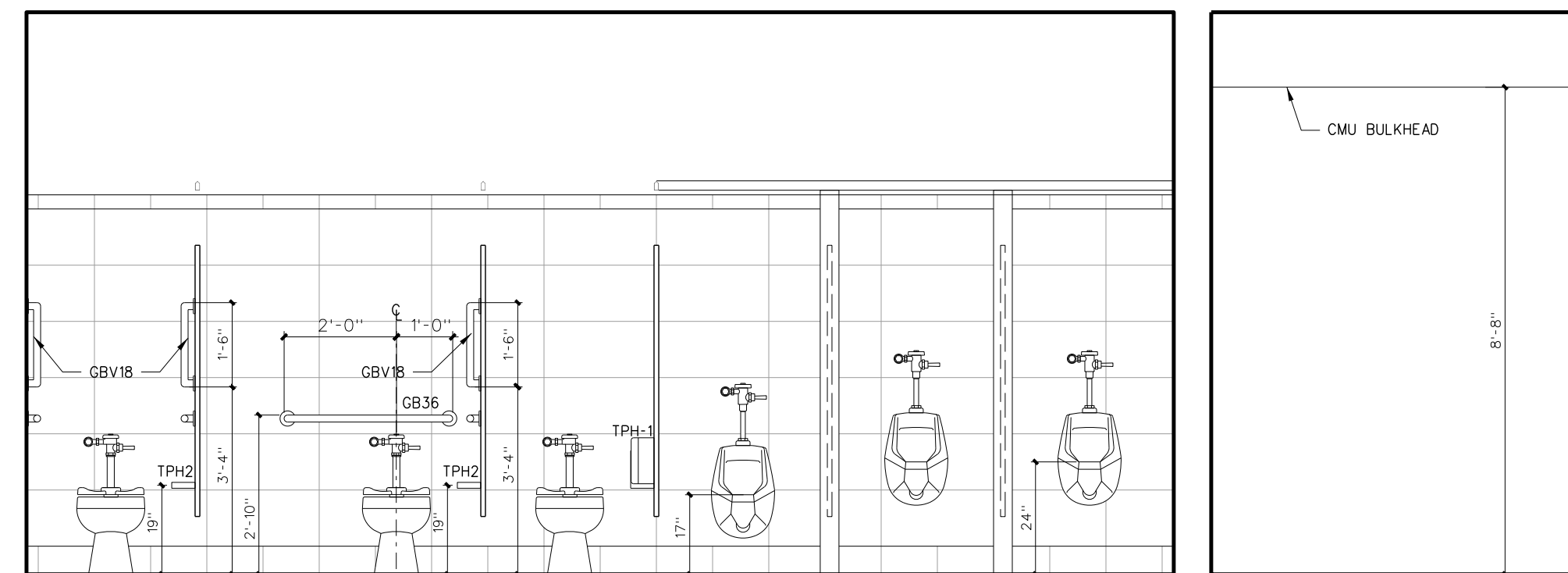
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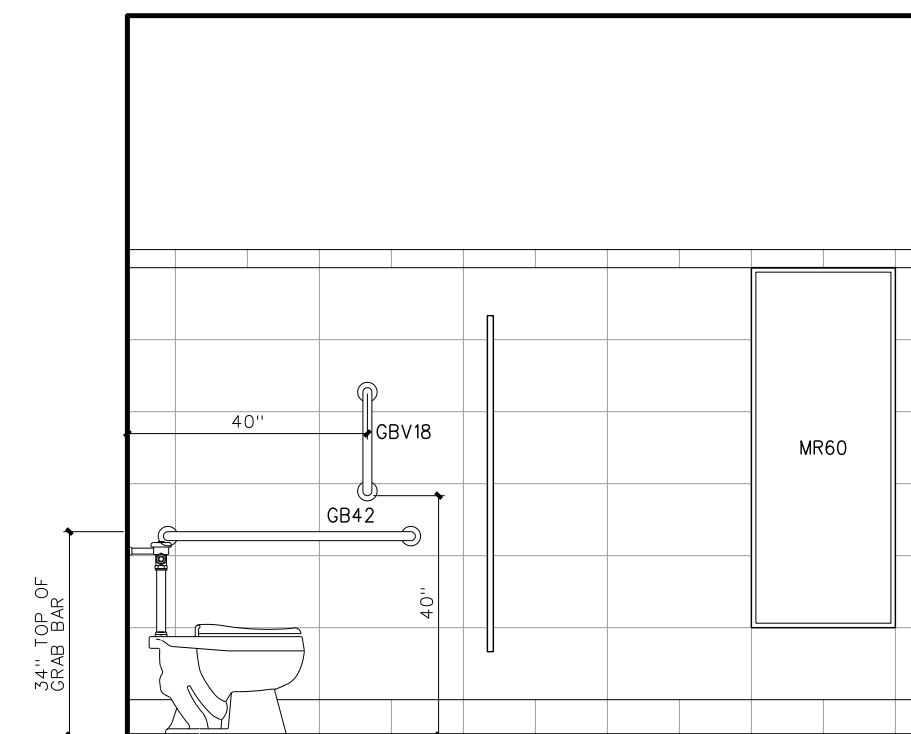
C WOMEN 517



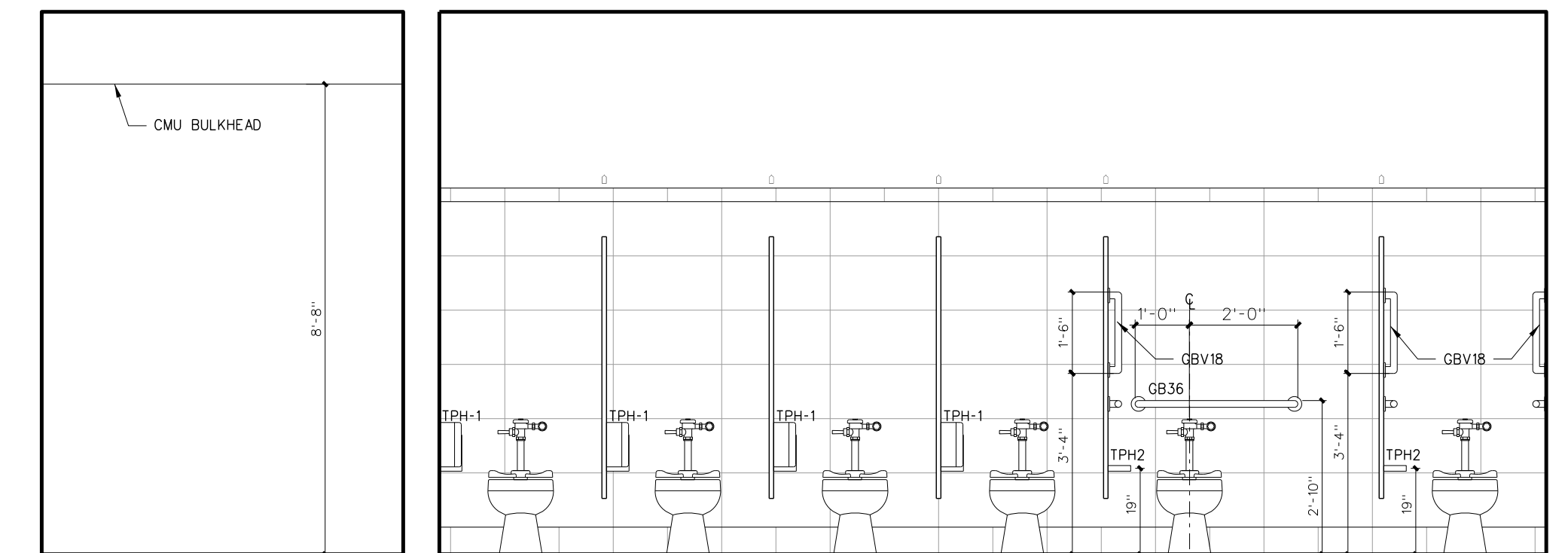
B MEN 518



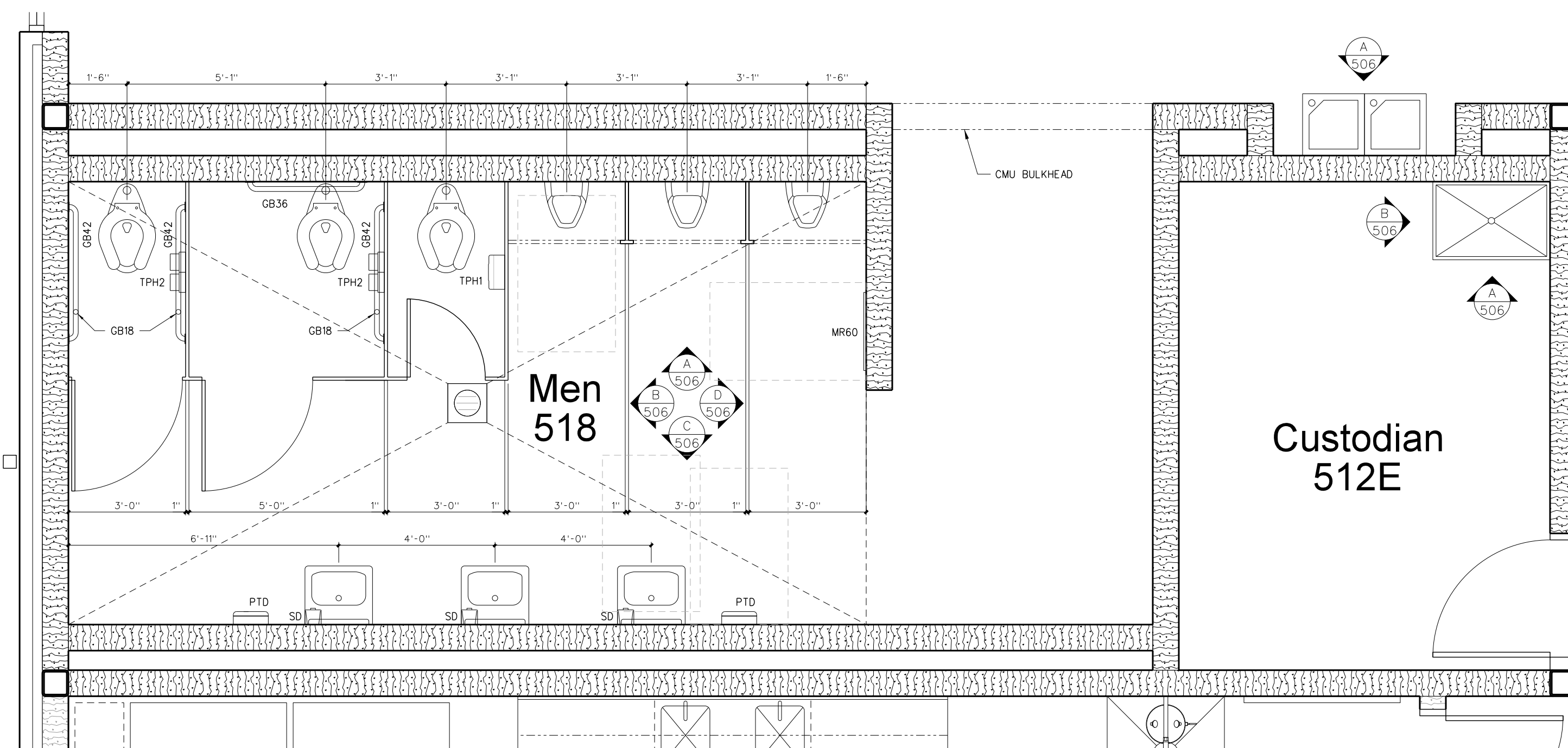
A MEN 518



B WOMEN 517

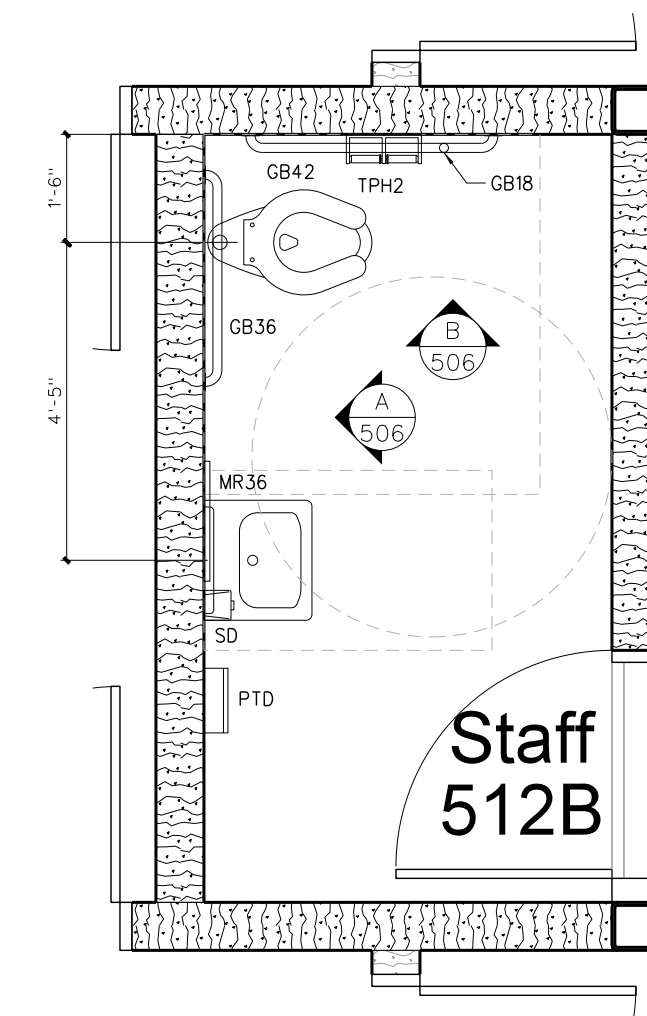


A WOMEN 517

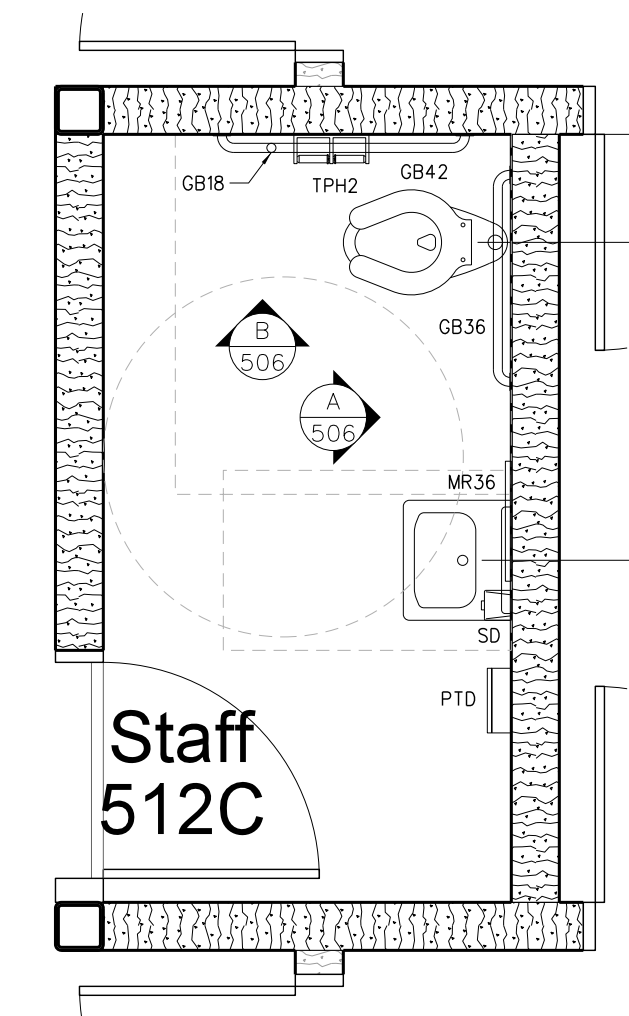


506.2 INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"



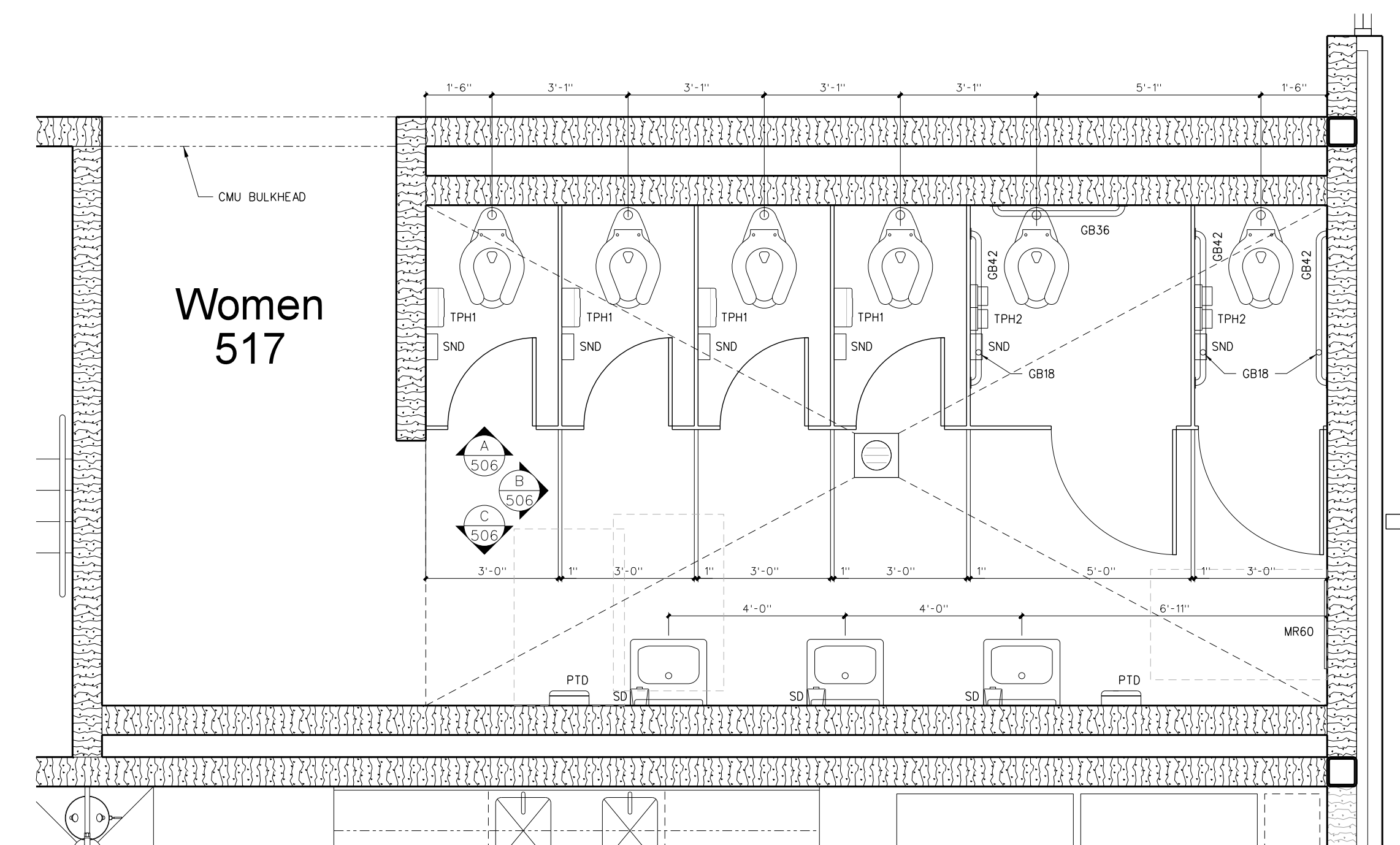
Staff 512B



Staff 512C

506.1 ENLARGED TOILET PLANS

SCALE: 3/8" = 1'-0"



No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2800 Meridian Drive / Greenville, NC 27834 / Tel (252) 757-0333



New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Merhead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112
Date: 18 August 2022
Drawing No. **A 506**

WALL LEGEND

	12" CMU WALL
	10" CMU WALL
	8" CMU WALL
	6" CMU WALL
	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
	ONE HOUR RATED FIRE BARRIER
	TWO HOUR RATED FIRE WALL
	SMOKE TIGHT CONSTRUCTION WALLS

ABBREVIATIONS

CB	CHALKBOARD
MB	MARKERBOARD
SMTBD	SMARTBOARD
VDB	VISUAL DISPLAY MONITOR
MVDM	MOBILE VISUAL DISPLAY MONITOR
TB	TACK BOARD
BK	BOOKCASE
CU	CUBBIES
IWB	INTERACTIVE WHITE BOARD
FSTV	FLAT SCREEN T.V.
MT	METAL THRESHOLD W/ 1/2" MAX. LIP
RT	RUBBER TRANSITION W/ 1/2" MAX. LIP
FEC	FIRE EXTINGUISHER CABINET
C.J.	CONTROL JOINT
E.J.	EXPANSION JOINT
TD	TRAVEL DISTANCE
SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS	

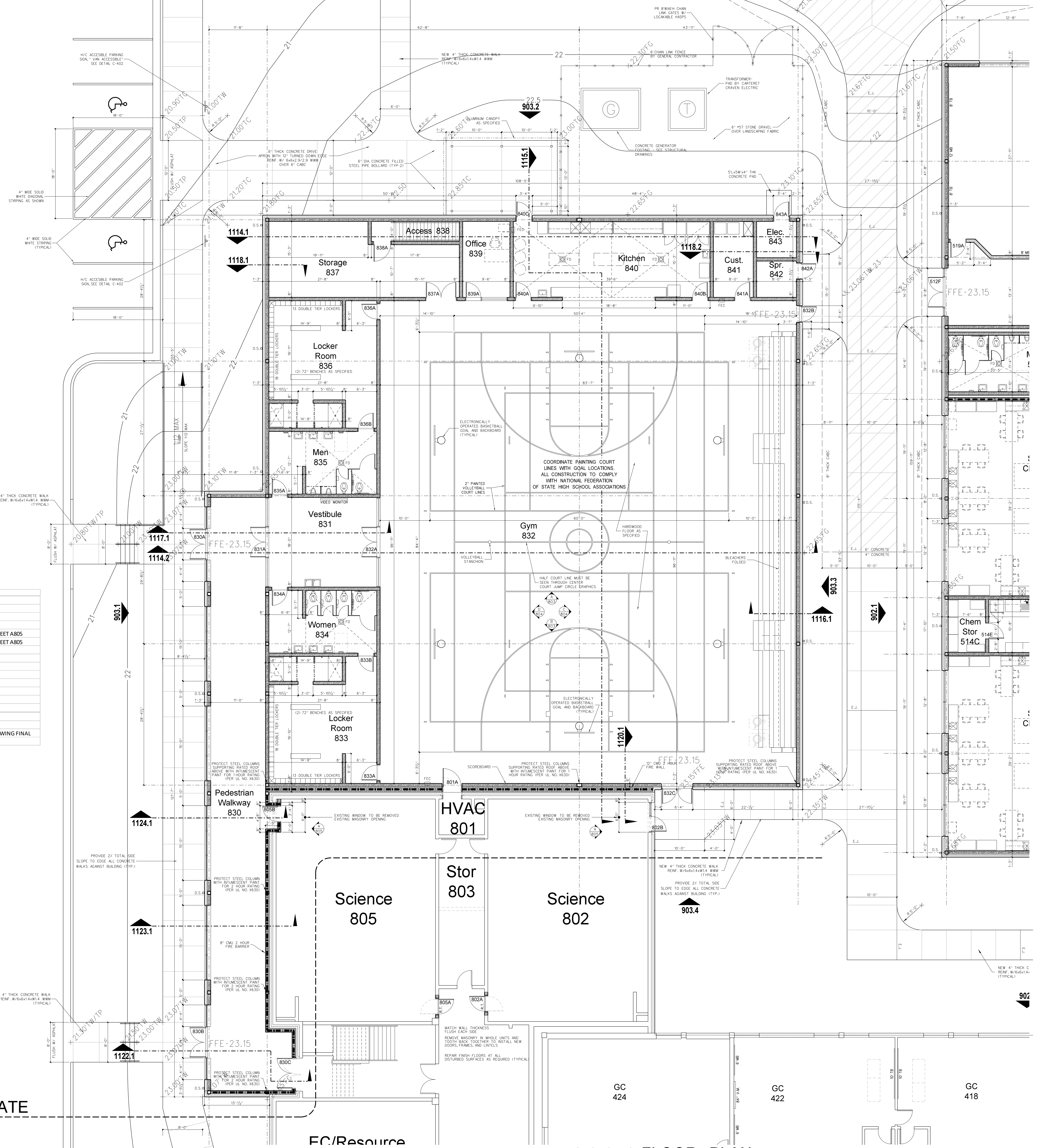
ROOM FINISH SCHEDULE

MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
830	PEDESTRIAN WALKWAY	TERRAZZO	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
831	VESTIBULE	TERRAZZO	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
832	GYM	RESIL. MAPLE	VENTED COVE	PAINTED CMU	PNT STRUCT / ACOUS SPRAY	VARIES	WHITE ACOUSTIC SPRAY ON ROOF DECK
833	LOCKER ROOM	CER TILE	CER TILE	PAINTED / CER TILE	PNT M.R. GYPBOARD	10'-0"	TILE WAINGSCOT AT SHOWERS
834	WOMEN	CER TILE	CER TILE	PAINTED / CER TILE	PNT M.R. GYPBOARD	10'-0"	TILE WAINGSCOT WHERE INDICATED ON SHEET A805
835	MEN	CER TILE	CER TILE	PAINTED / CER TILE	PNT M.R. GYPBOARD	10'-0"	TILE WAINGSCOT WHERE INDICATED ON SHEET A805
836	LOCKER ROOM	CER TILE	CER TILE	PAINTED / CER TILE	PNT M.R. GYPBOARD	10'-0"	TILE WAINGSCOT AT SHOWERS
837	STORAGE	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
838	ACCESS & EQUIP. PLAT.	SEALED CONC	NONE	NONE	EXPOSED STRUCTURE	VARIES	
839	OFFICE	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
840	KITCHEN	CER TILE	CER TILE	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
841	CUSTODIAN	CER TILE	CER TILE	PAINTED CMU	PNT M.R. GYPBOARD	10'-0"	
842	SPRINKLER RISER	SEALED CONC	NONE	NONE	PNT M.R. GYPBOARD	10'-0"	
843	ELECTRICAL	SEALED CONC	NONE	NONE	PNT M.R. GYPBOARD	10'-0"	

NOTES

- OVERHEAD PLATFORM AND ACCESS AREAS: PAINT STEEL STAIRS AND RAILS AS SPECIFIED AND PROVIDE (2) COATS GLOSS POLYURETHANE FLOOR SEALER AS SPECIFIED FOLLOWING FINAL
- GYPBOARD CEILINGS AND BULKHEADS: PAINT FLAT WHITE LATEX, NO TEXTURE, USE STRAIGHT CORNER BEADS, NO BULLNOSE EXCEPT WHERE INDICATED

GYM ALTERNATE



801.1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

Project No. 22112
Date: 18 August 2022
Drawing No. **A 801**

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2800 Meridian Drive / Greenville, NC 27834 / Tel(252) 757-0333

New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

WALL LEGEND

- 12" CMU WALL
- 10" CMU WALL
- 8" CMU WALL
- 6" CMU WALL
- 6" METAL STUD WALL WITH GYPBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
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ABBREVIATIONS

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- FSTV FLAT SCREEN T.V.
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- FEC FIRE EXTINGUISHER CABINET
- C.J. CONTROL JOINT
- E.J. EXPANSION JOINT
- TD TRAVEL DISTANCE
- SEE SHEET T-1 FOR ADDITIONAL ABBREVIATIONS

ROOM FINISH SCHEDULE

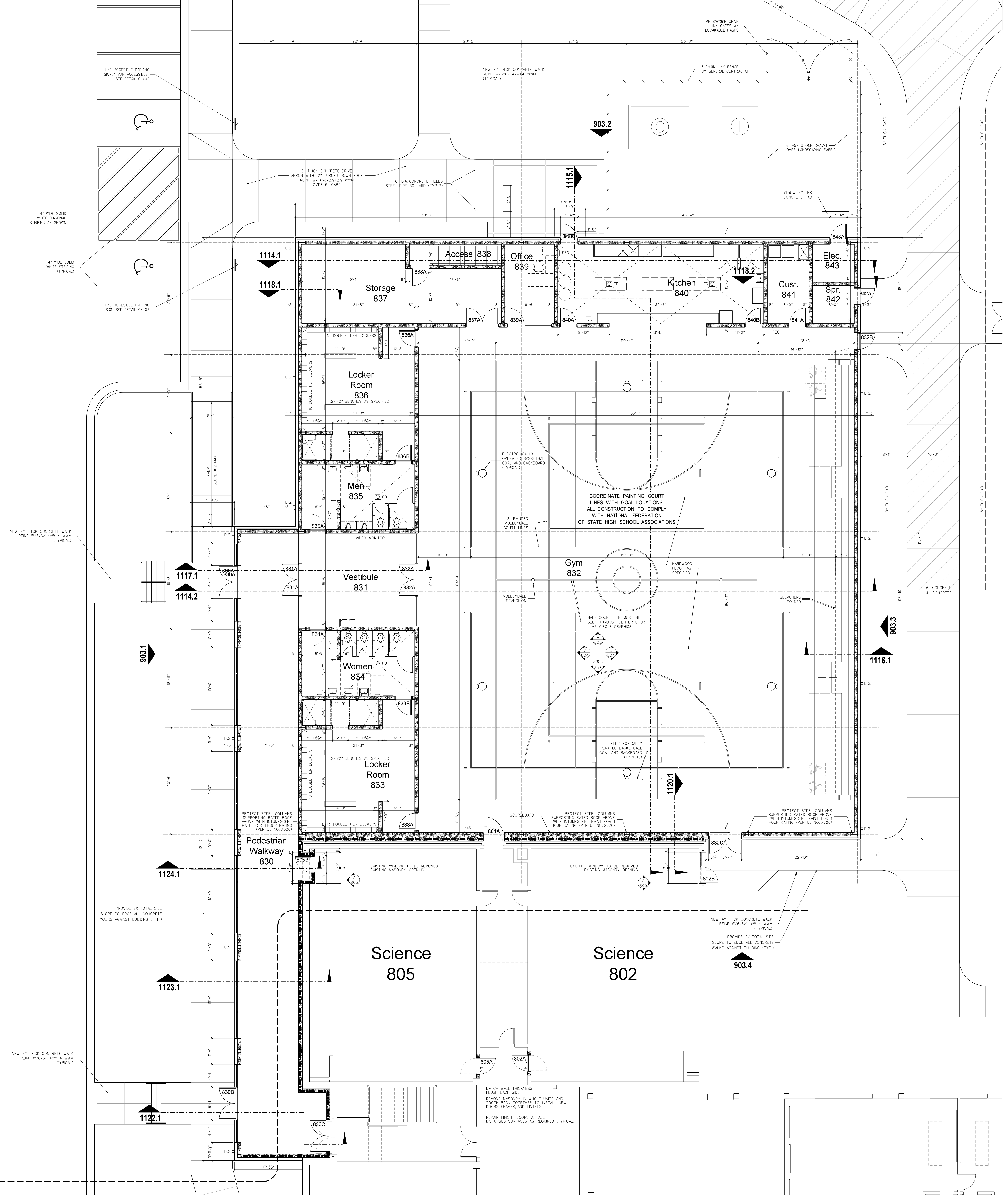
MARK	AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
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838	ACCESS & EQUIP. PLAT.	SEALED CONC	NONE	NONE	EXPOSED STRUCTURE	VARIES	
839	OFFICE	VCT	4" RUBBER	PAINTED CMU	ACOUSTICAL TILE	9'-0"	
840	KITCHEN	CER TILE	CER TILE	PAINTED CMU	ACOUSTICAL TILE	10'-0"	
841	CUSTODIAN	CER TILE	CER TILE	PAINTED CMU	PNT M.R. GYPBOARD	10'-0"	
842	SPRINKLER RISER	SEALED CONC	NONE	NONE	PNT M.R. GYPBOARD	10'-0"	
843	ELECTRICAL	SEALED CONC	NONE	NONE	PNT M.R. GYPBOARD	10'-0"	

NOTES

- OVERHEAD PLATFORM AND ACCESS AREAS: PAINT STEEL STAIRS AND RAILS AS SPECIFIED AND PROVIDE (2) COATS GLOSS POLYURETHANE FLOOR SEALER AS SPECIFIED FOLLOWING FINAL
- GYPBOARD CEILINGS AND BULKHEADS: PAINT FLAT WHITE LATEX, NO TEXTURE, USE STRAIGHT CORNER BEADS, NO BULLNOSE EXCEPT WHERE INDICATED

**FOR
PRE-ENGINEERED
ALTERNATE**

GYM ALTERNATE



801.1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

Revision

No.	Date

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2800 Meridian Drive / Greenville, NC 27834 / Tel: (252) 757-0333

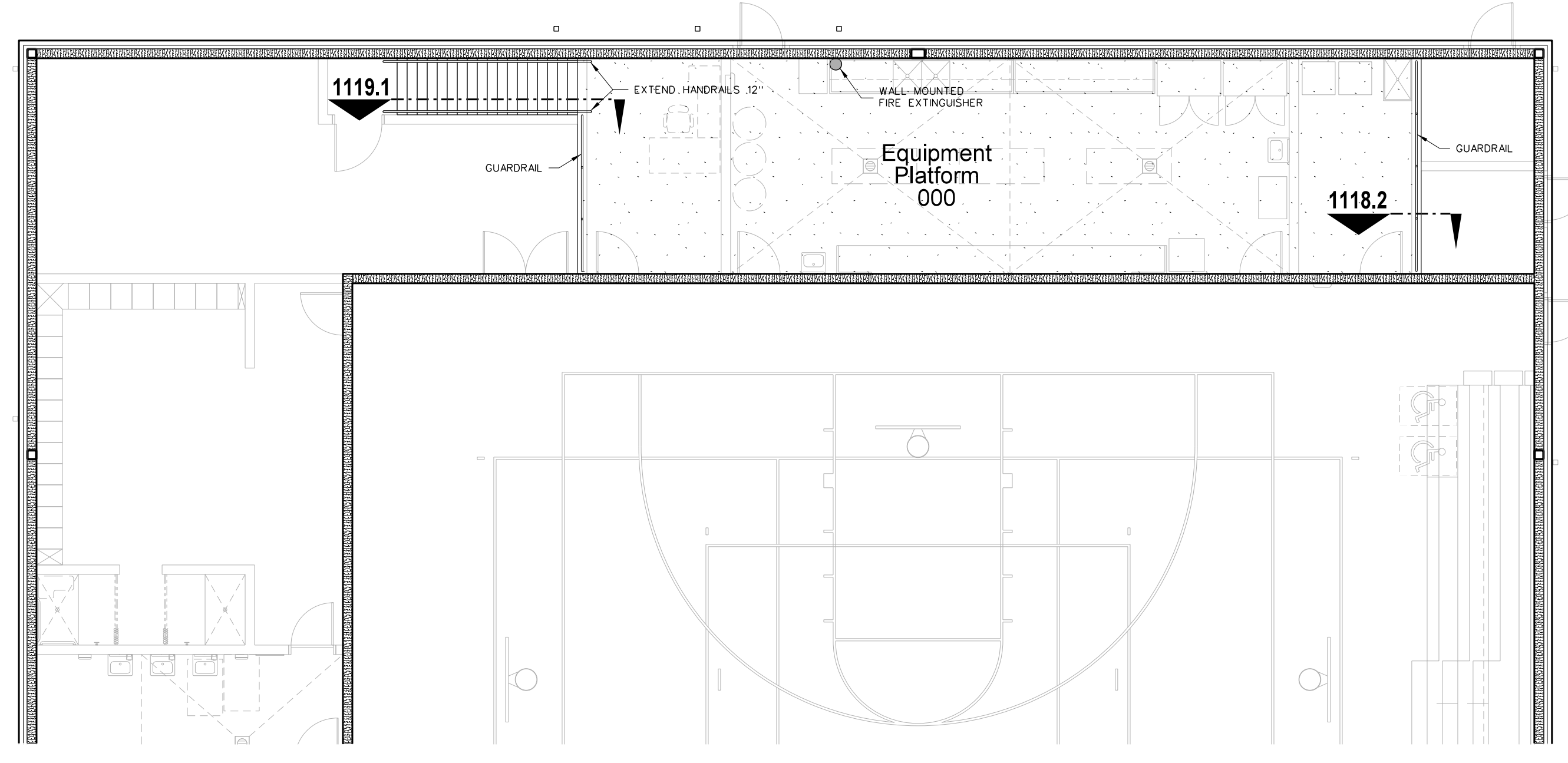
MITE ASSOCIATES, P.C.
REGISTERED PROFESSIONAL ARCHITECT
MEMBER NO. 418
STATE OF NORTH CAROLINA
JAMES GRAY HITE
REGISTERED ARCHITECT
MEMBER NO. 5117
STATE OF NORTH CAROLINA

New Gymnasium Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112
Date: 18 August 2022
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801-P

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 10' 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 PERFORMED 1" HORIZONTAL REINFORCING AS SPECIFIED AT 96" ON CENTER.
- 4) PROVIDE WALL CONTROL AND EXPANSION JOINTS WHERE SHOWN AND DETAILED OR IN PRE-APPROVED, ALTERNATING LOCATIONS 32" ON CENTER MAXIMUM PROVIDED 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. 1/2" WIDE FALCED WITH EXPANSION JOINT MATERIAL, AND SHALL WITH BACKER ROD.
- 6) ALL 45° CMU WALL BENDS SHALL BE CONSTRUCTED WITH SPECIAL PRECAST UNITS.
- 7) INTERIOR CMU JOINTS SHALL BE TOOLED CONCAVE.



802.2 EQUIPMENT PLATFORM PLAN
SCALE: 1/8" = 1'-0"

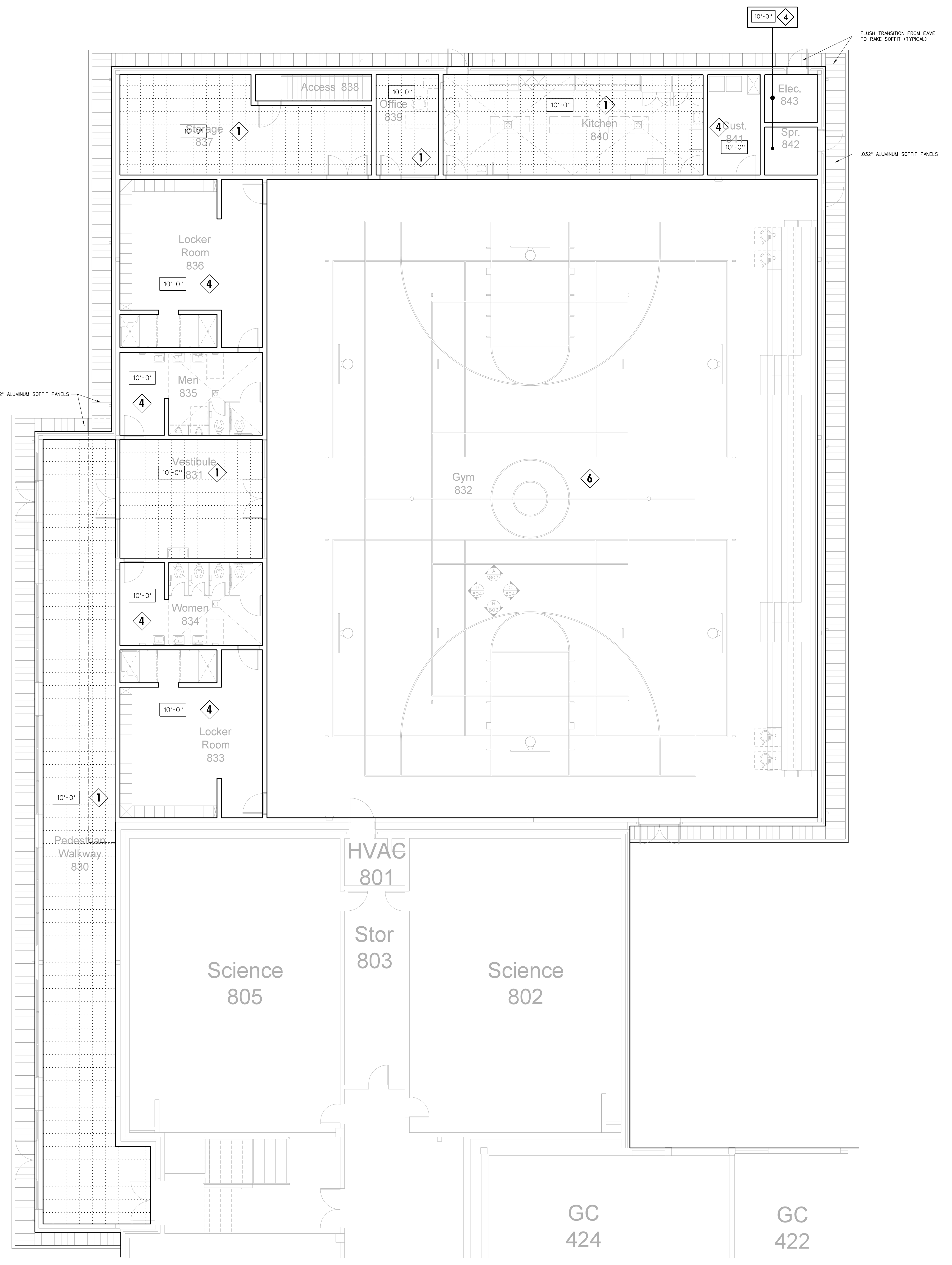
LEGEND - REFLECTED CEILING PLAN

	CEILING TYPE - SEE CEILING FINISH SCHEDULE
	CEILING HEIGHT ABOVE FINISH FLOOR
	SLOPED CEILING
	CEILING HEIGHT ABOVE FINISH FLOOR - LOW SIDE
	CEILING HEIGHT ABOVE FINISH FLOOR - HIGH SIDE
	2 x 2 ACOUSTICAL TILE AND GRID
	GYPBOARD CEILING
	MOISTURE RESISTANT GYPBOARD CEILING
	EXPOSED STRUCTURE
	METAL SOFFIT
	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
	SPEAKER
	SUPPLY AIR GRILLE
	RETURN AIR GRILLE
	EXHAUST FAN
	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 19/16".
TYPE 2	NOT USED.
TYPE 3	24"x24"x 5/8" VINYL FACED GYPSUM PANEL, WHITE STIPPLE FINISH, AL PRELUDE PLUS GRID.
TYPE 4	5/8" MOISTURE RESISTANT GYPSUM BOARD WITH HAT CHANNELS/1" CHANNELS FRAMING SYSTEM
TYPE 5	5/8" GYPSUM BOARD WITH HAT CHANNELS/1" CHANNELS FRAMING SYSTEM.
TYPE 6	ACOUSTICAL SPRAY MATERIAL - SEE ROOM FINISH SCHEDULE FOR COLOR.
TYPE 7	EXTERIOR INSULATION AND FINISH SYSTEM OVER 5/8" DENS-GLASS SHEATHING.

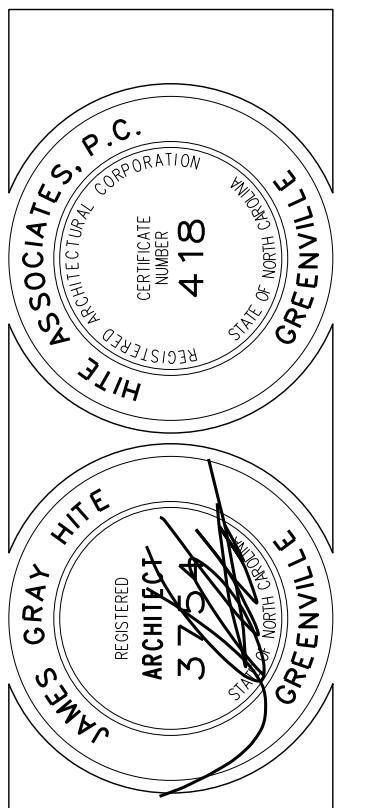
NOTE:
(1) PROVIDE TYPE 1 CEILING UNLESS OTHERWISE NOTED.
(2) PROVIDE 24" x 24" CEILING ACCESS DOOR IN EACH SPACE WITH DRYWALL CEILING.



802.1 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

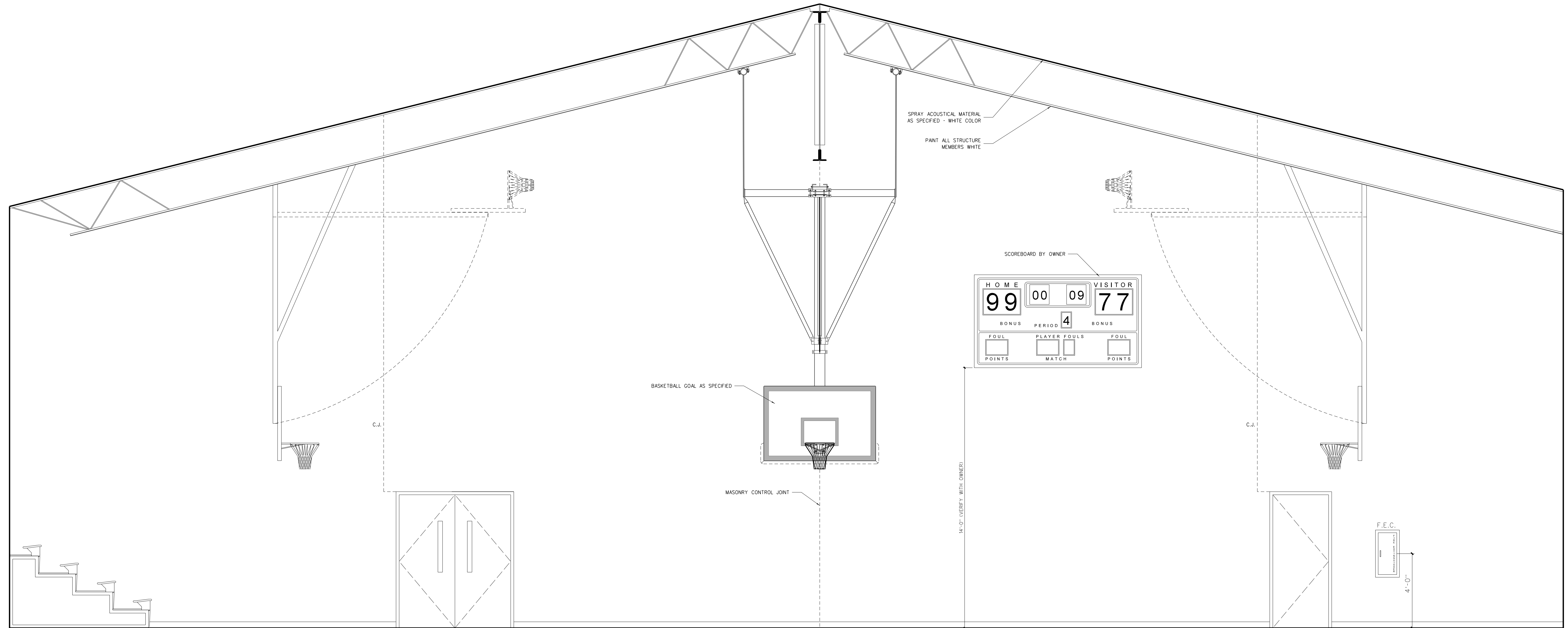
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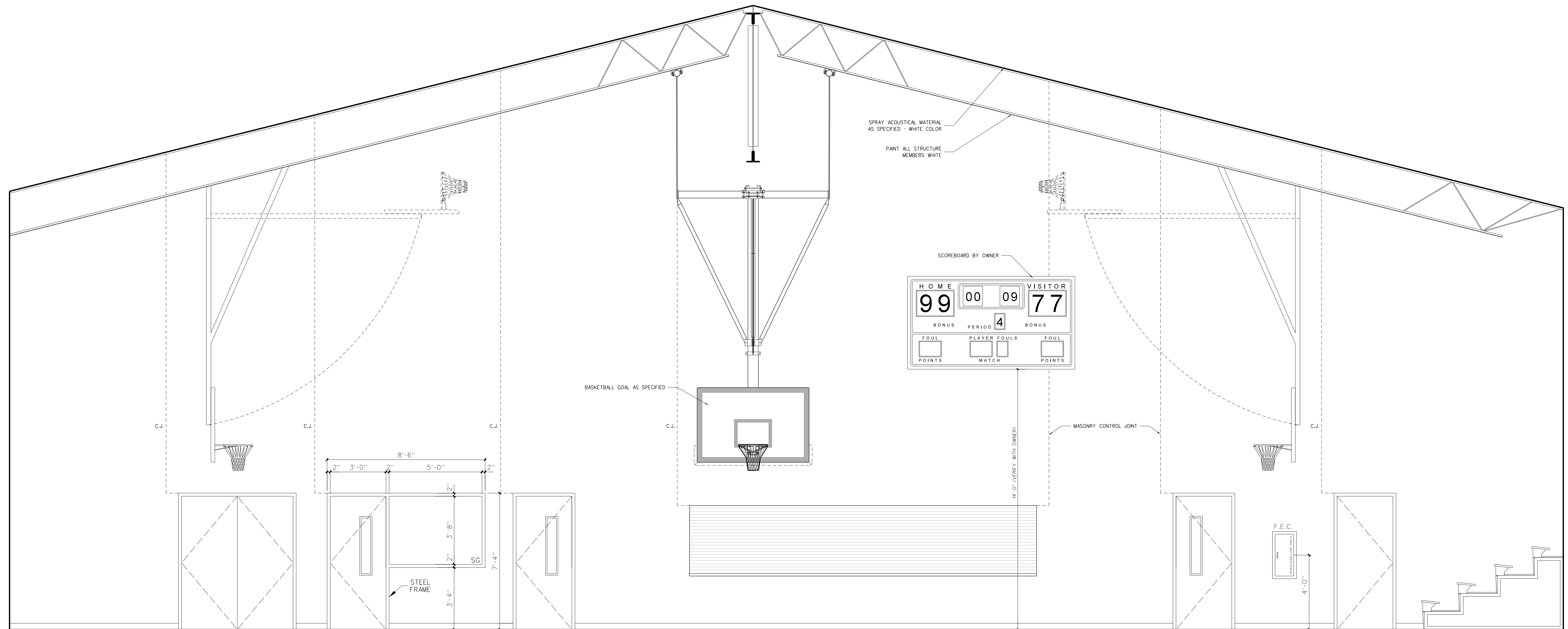


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B GYM 832



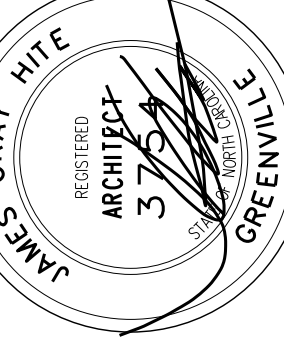
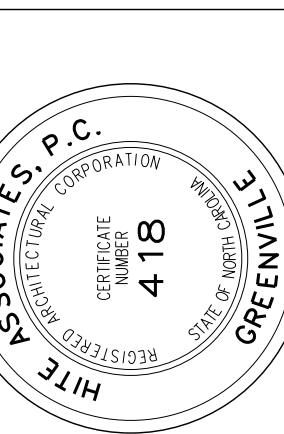
A GYM 832

803.1 INTERIOR ELEVATIONS: GYMNASIUM

SCALE: 3/8" = 1'-0"

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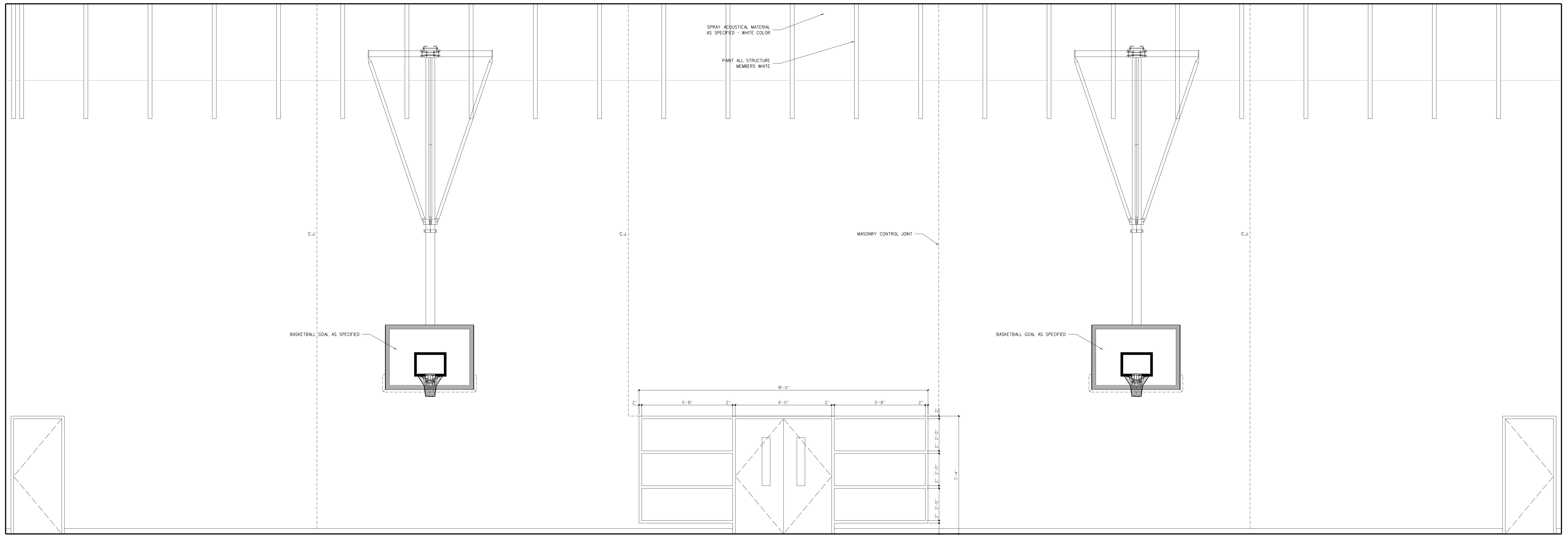
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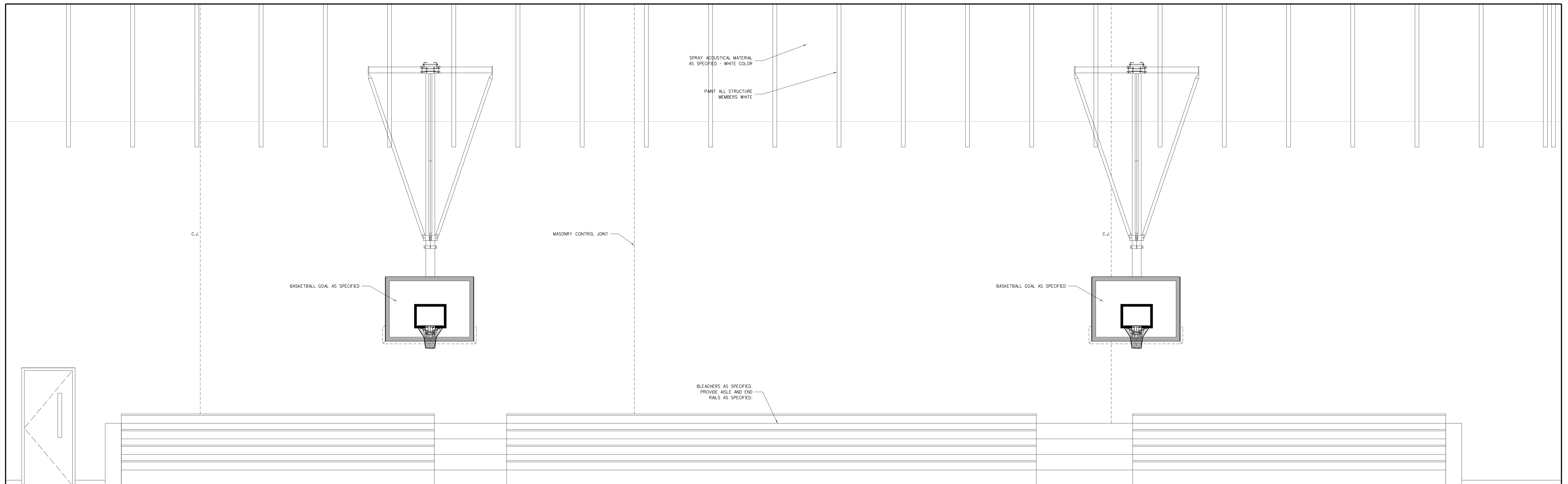
Date: 18 August 2022

Drawing no.

A
803



D GYM 832

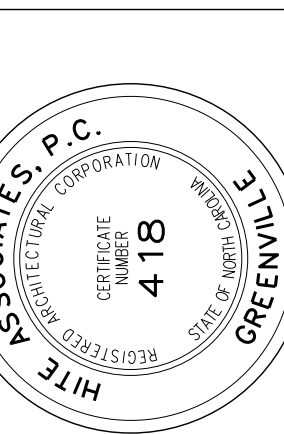


C GYM 832

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

No.	Date	Revision

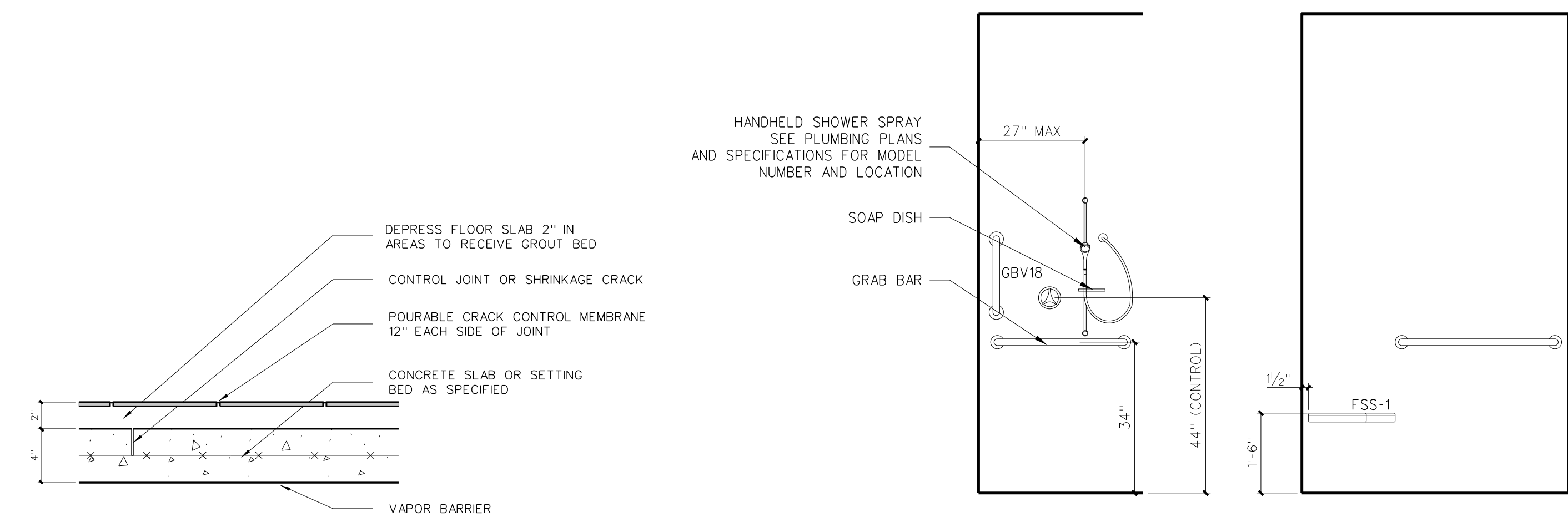
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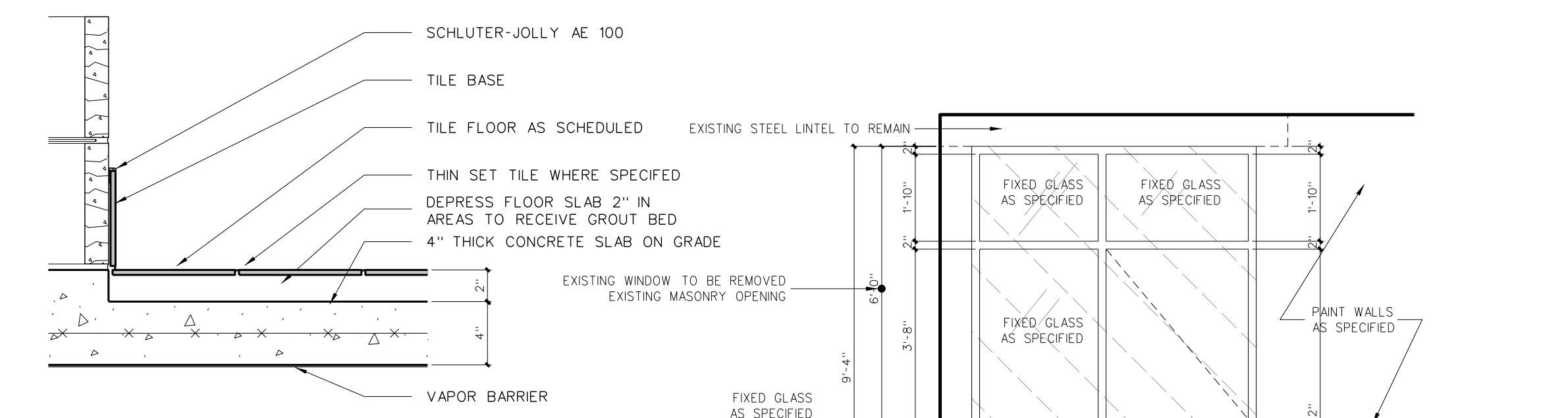
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Project No.	22112
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Drawing no.	A

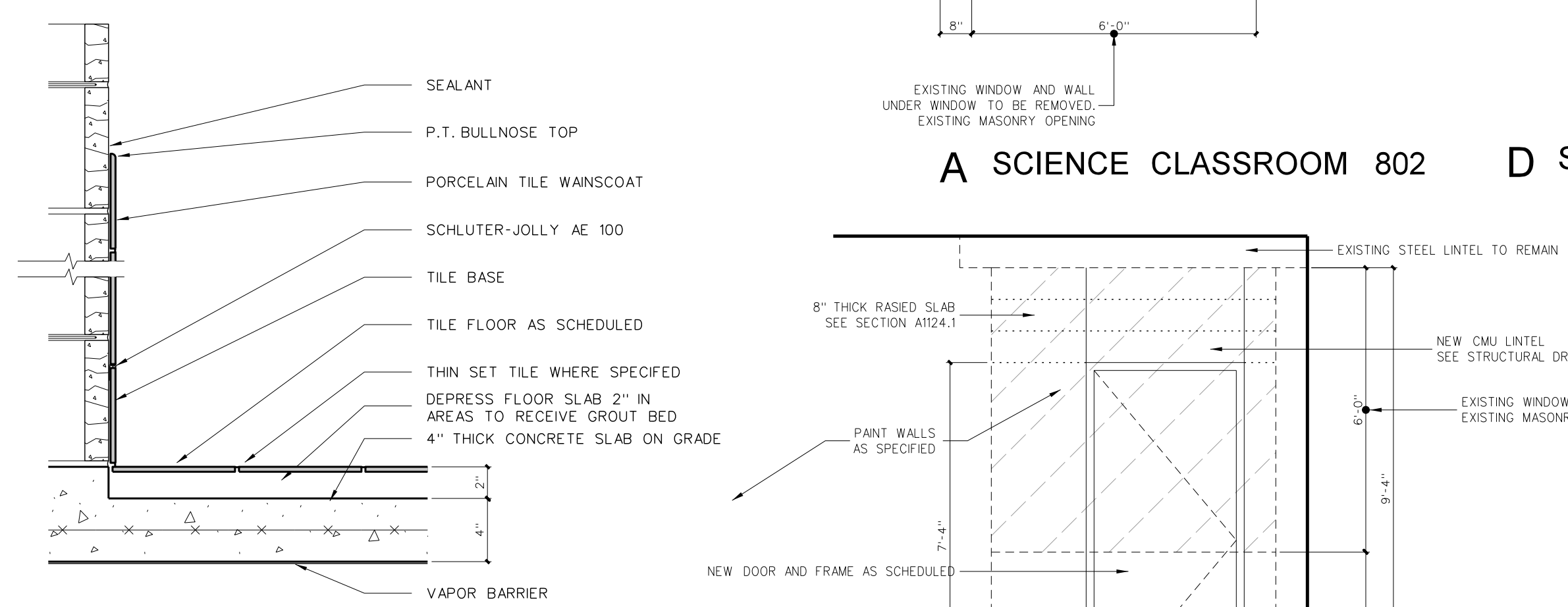
804



DETAIL @ CONTROL JOINT



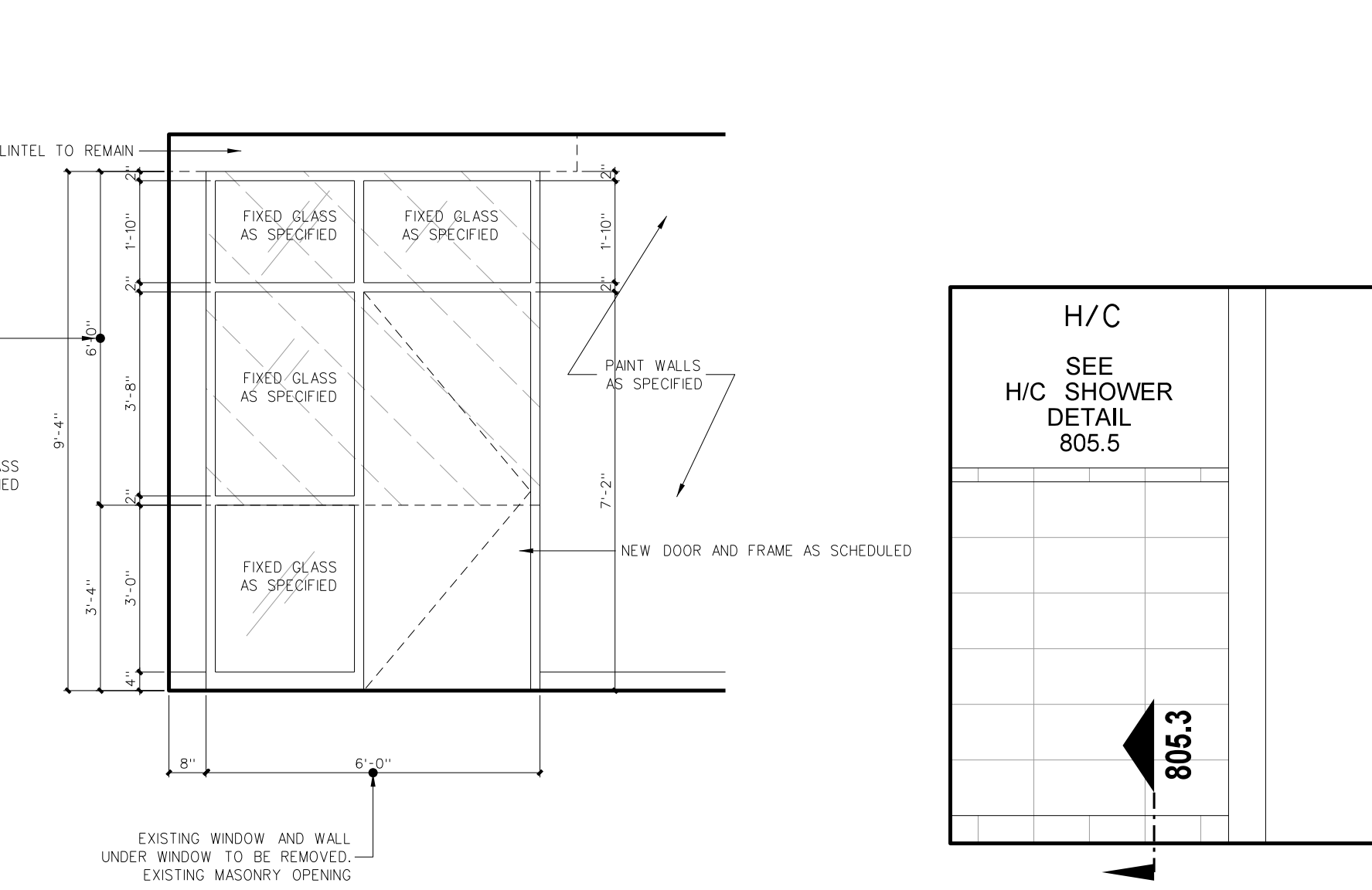
BASE DETAIL @ GROUT BED



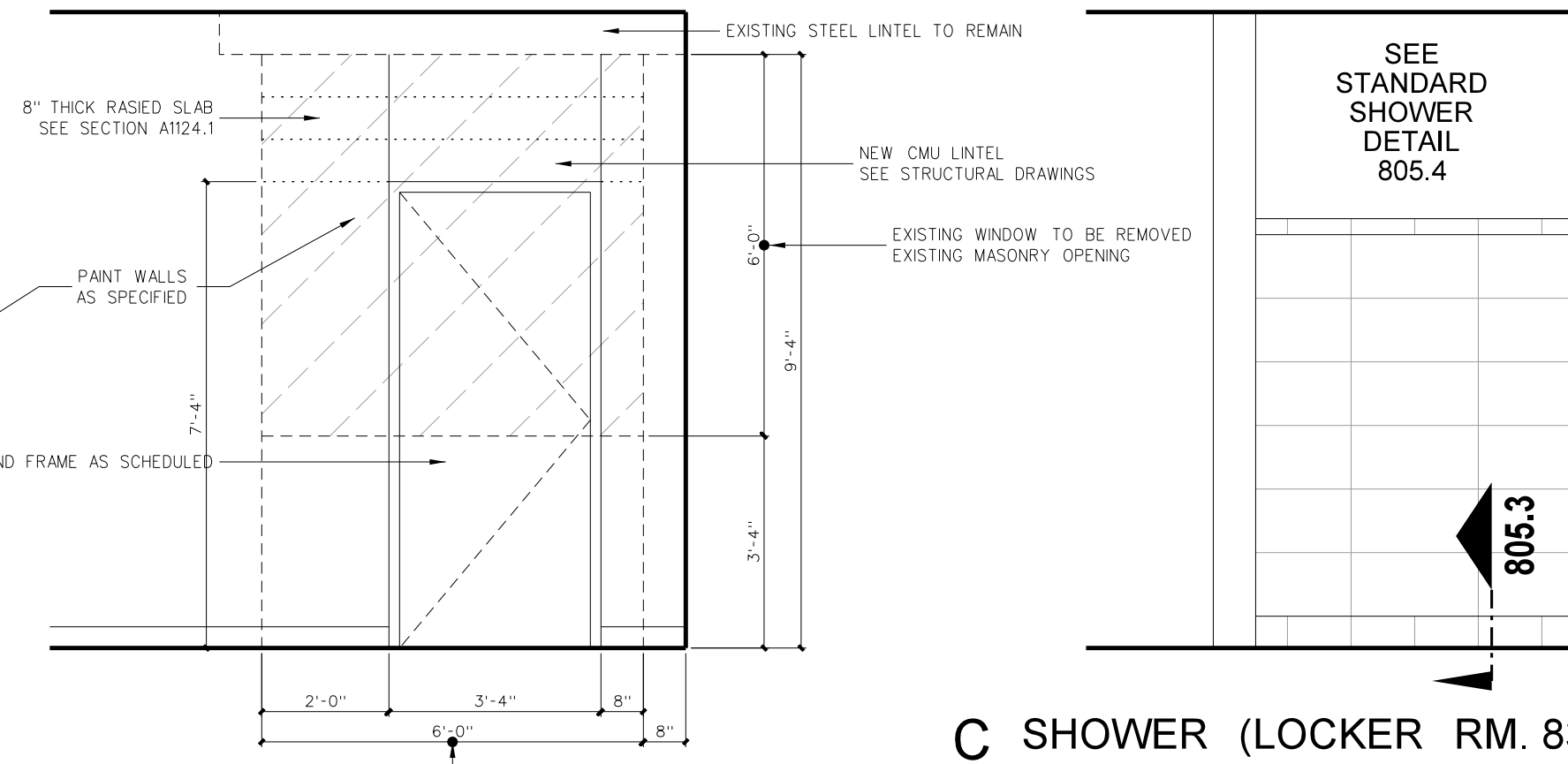
BASE / WAINSCOT DETAIL @ GROUT BED

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

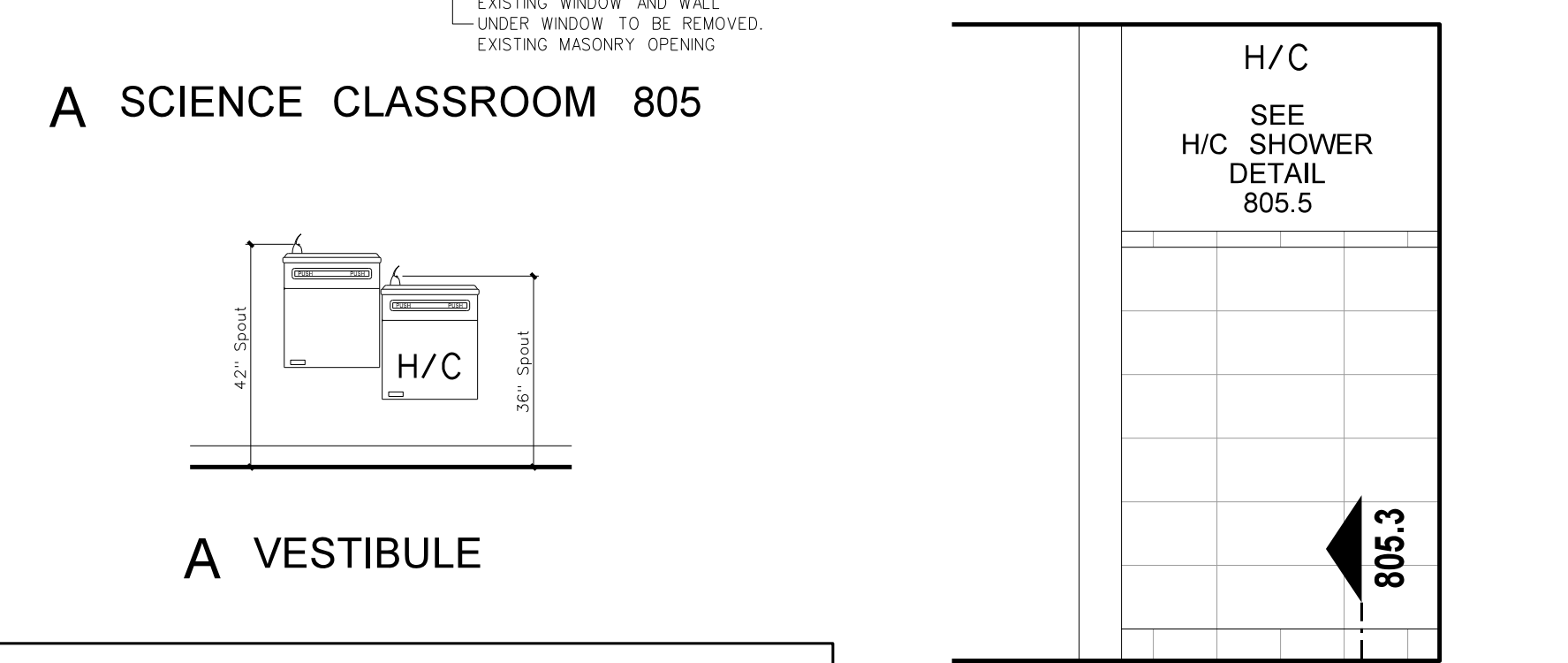
805.5 H/C Shower Elevation
SCALE: 1/2" = 1'-0"



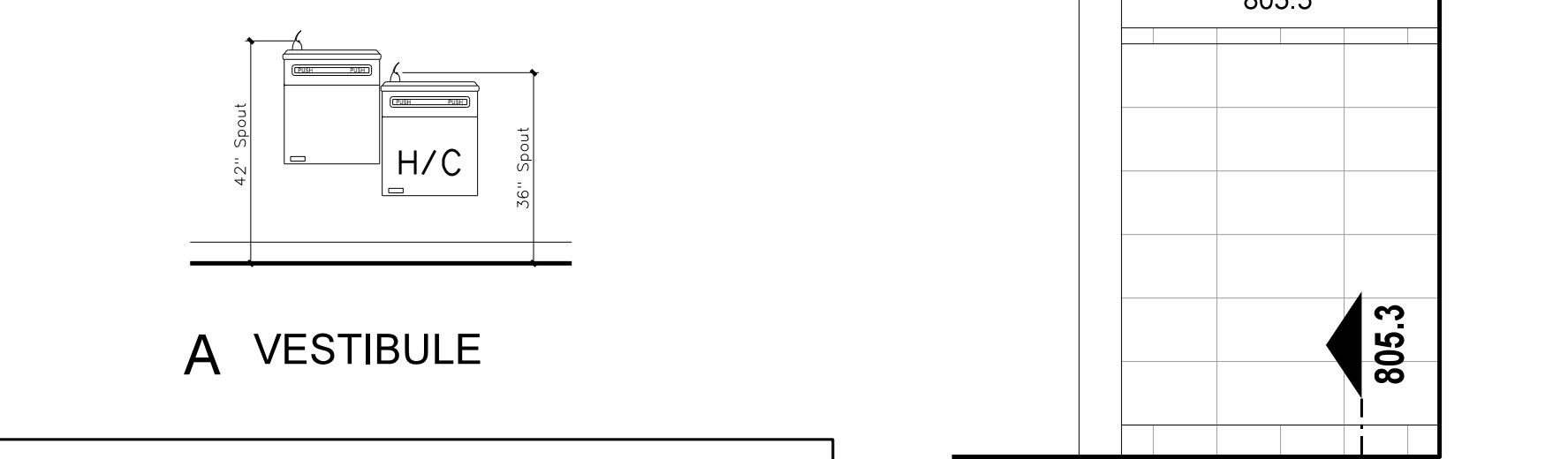
A SCIENCE CLASSROOM 802



D SHOWER (LOCKER RM. 836)

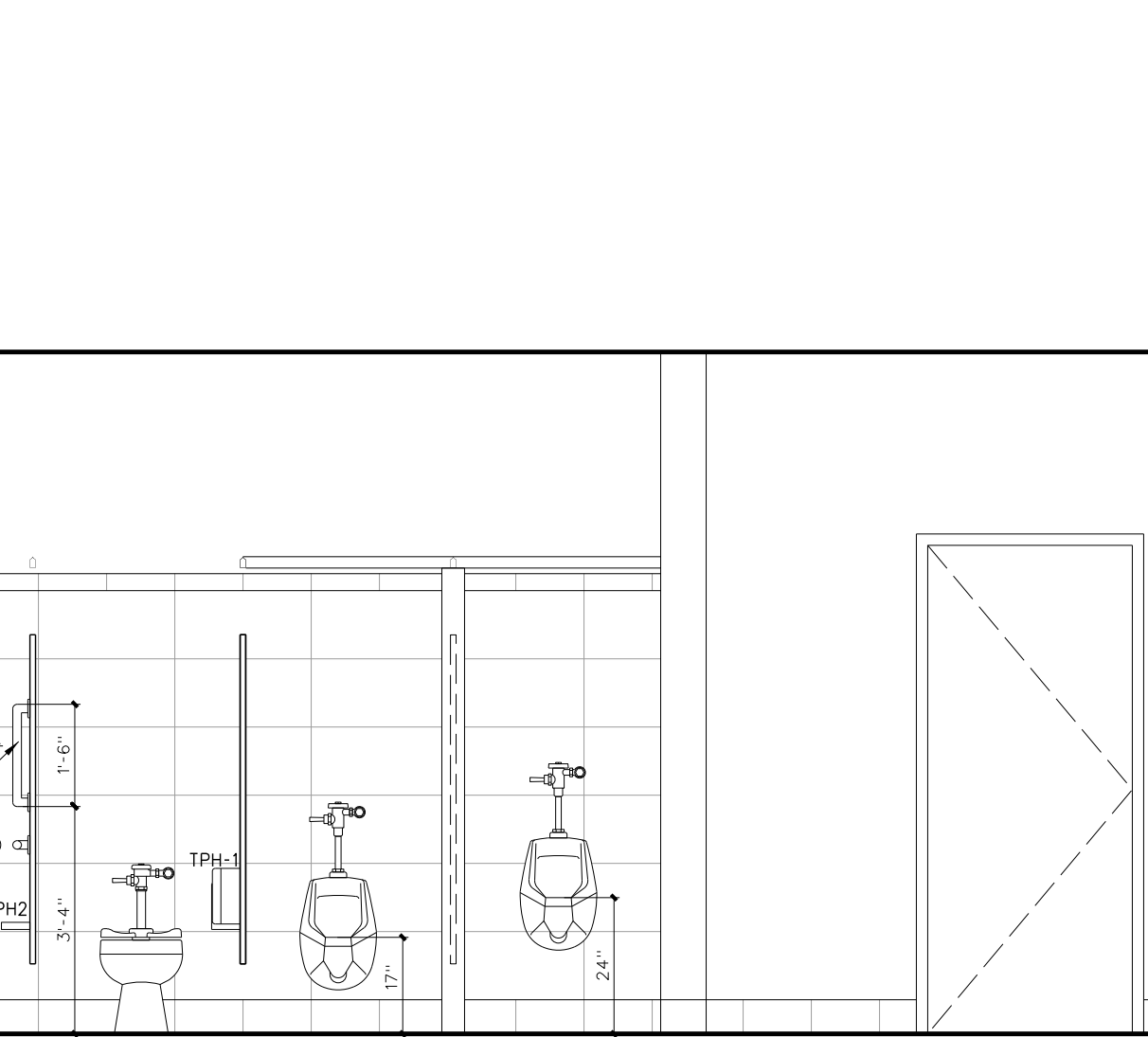


A SCIENCE CLASSROOM 805

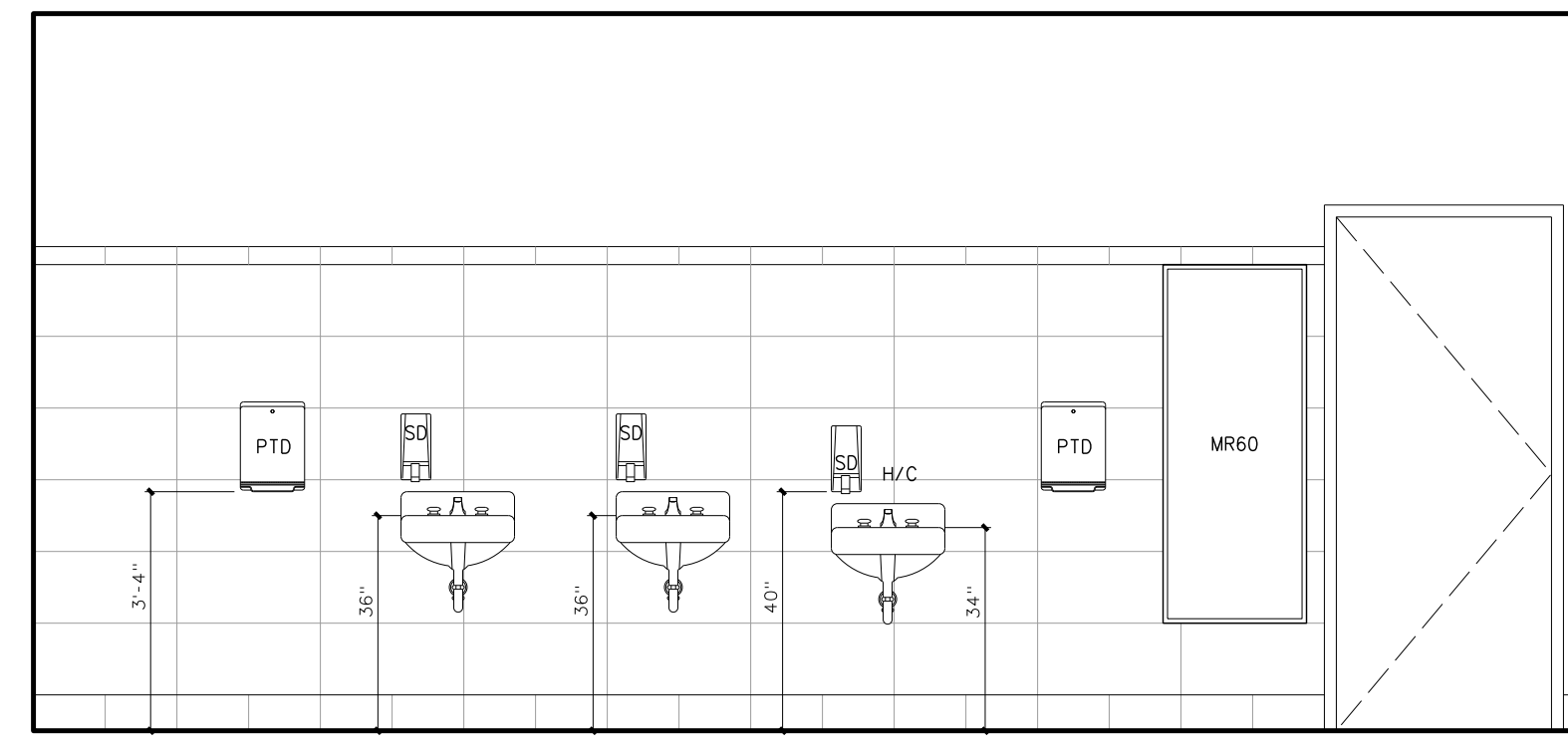


A VESTIBULE

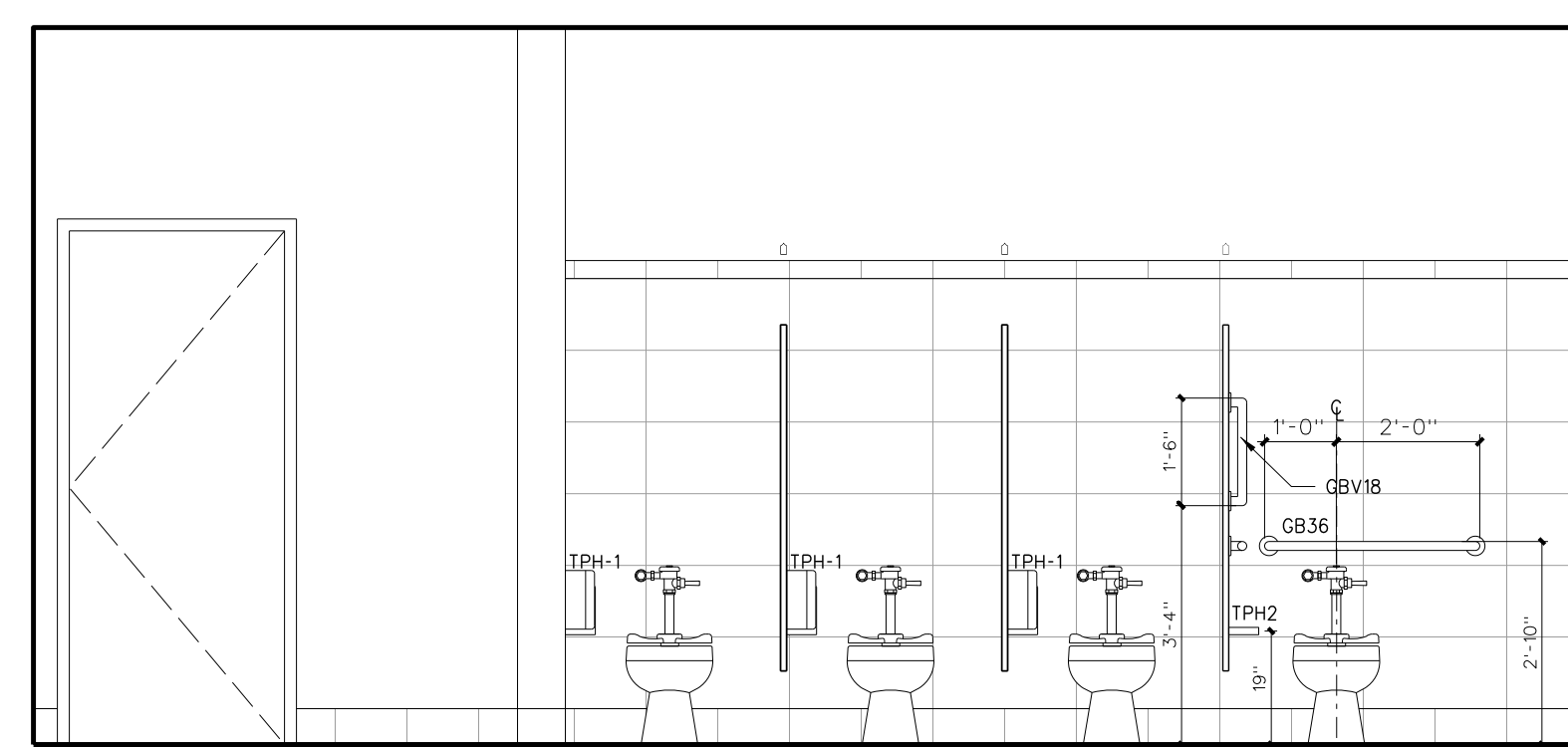
805.4 Standard Shower Elevation
SCALE: 1/2" = 1'-0"



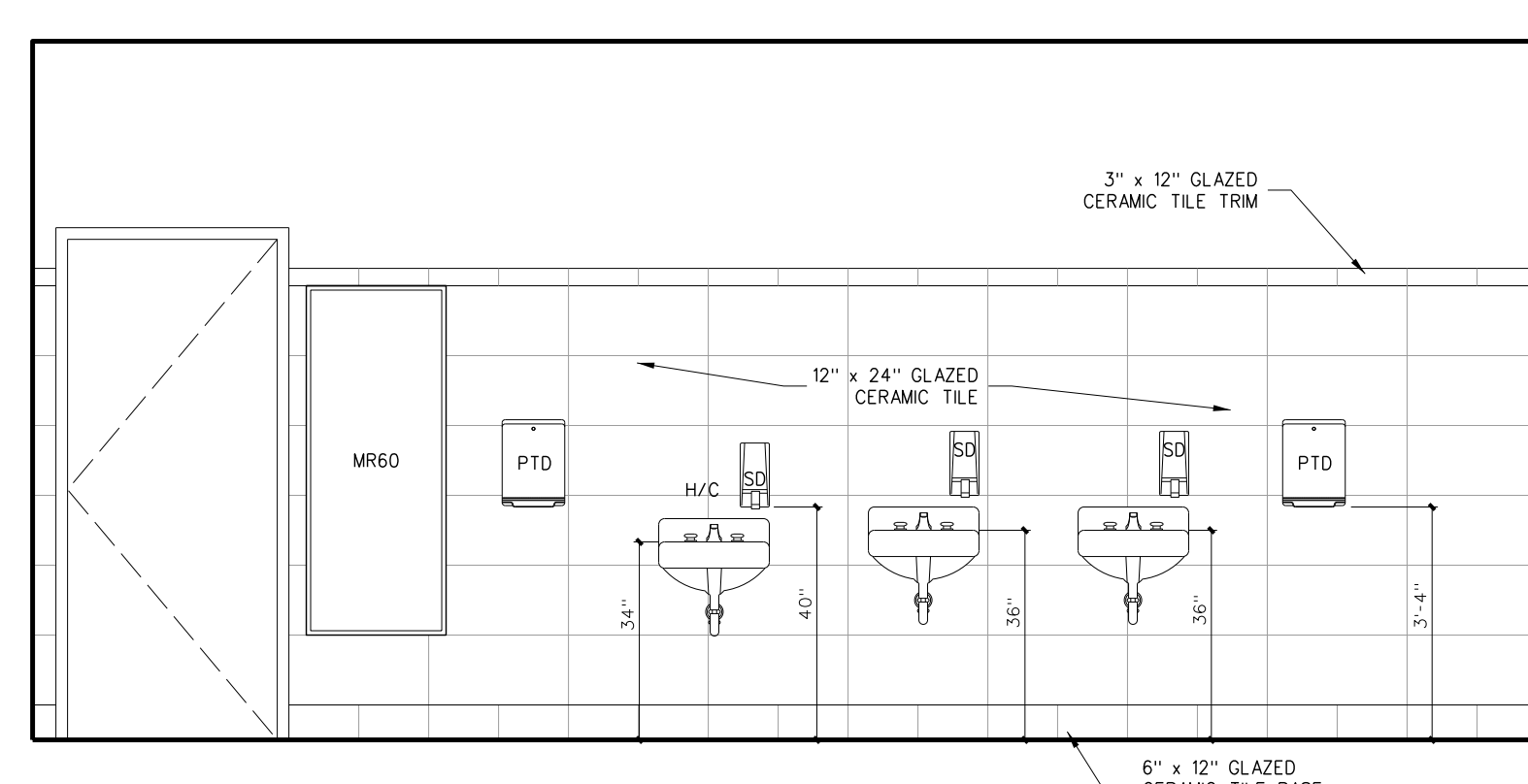
B MEN 835



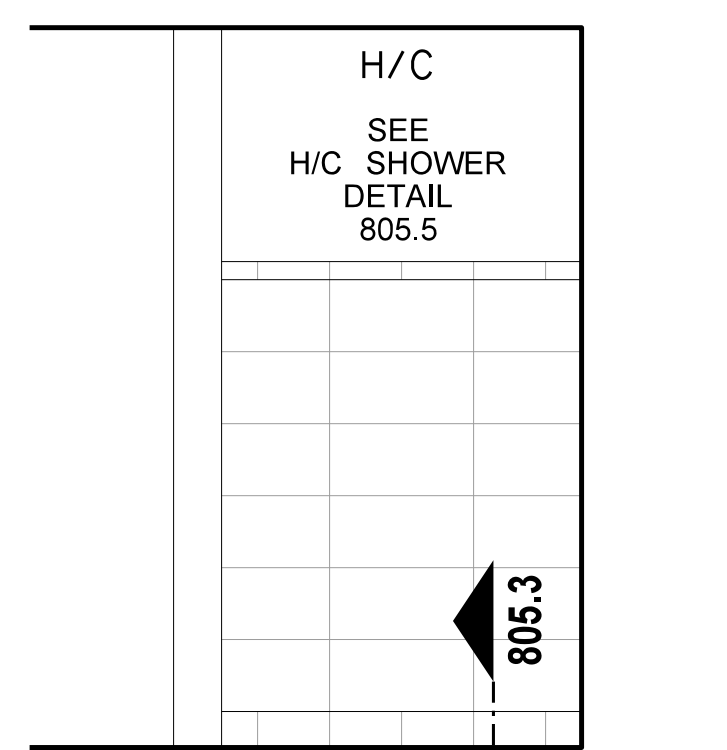
A MEN 835



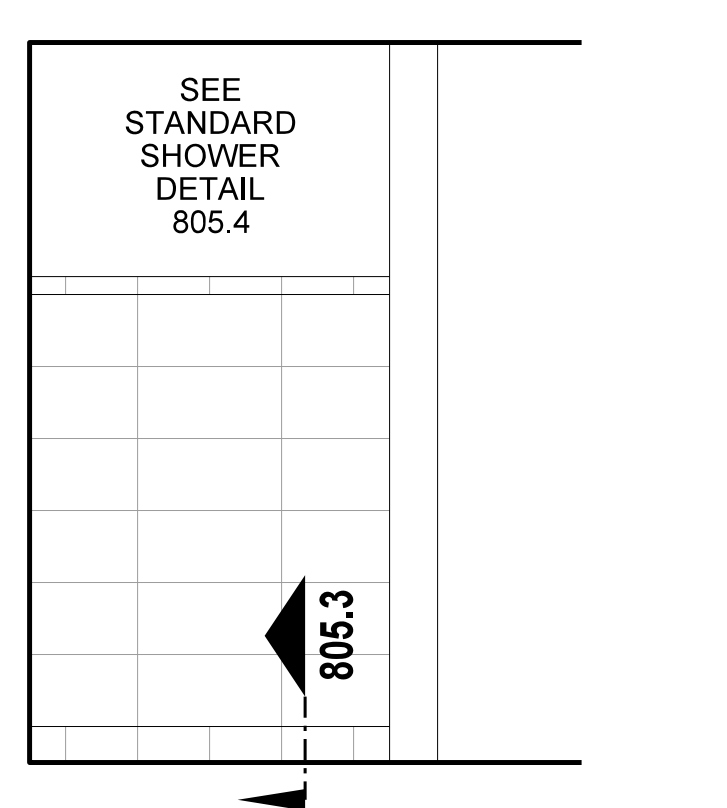
B WOMEN 834



A WOMEN 834

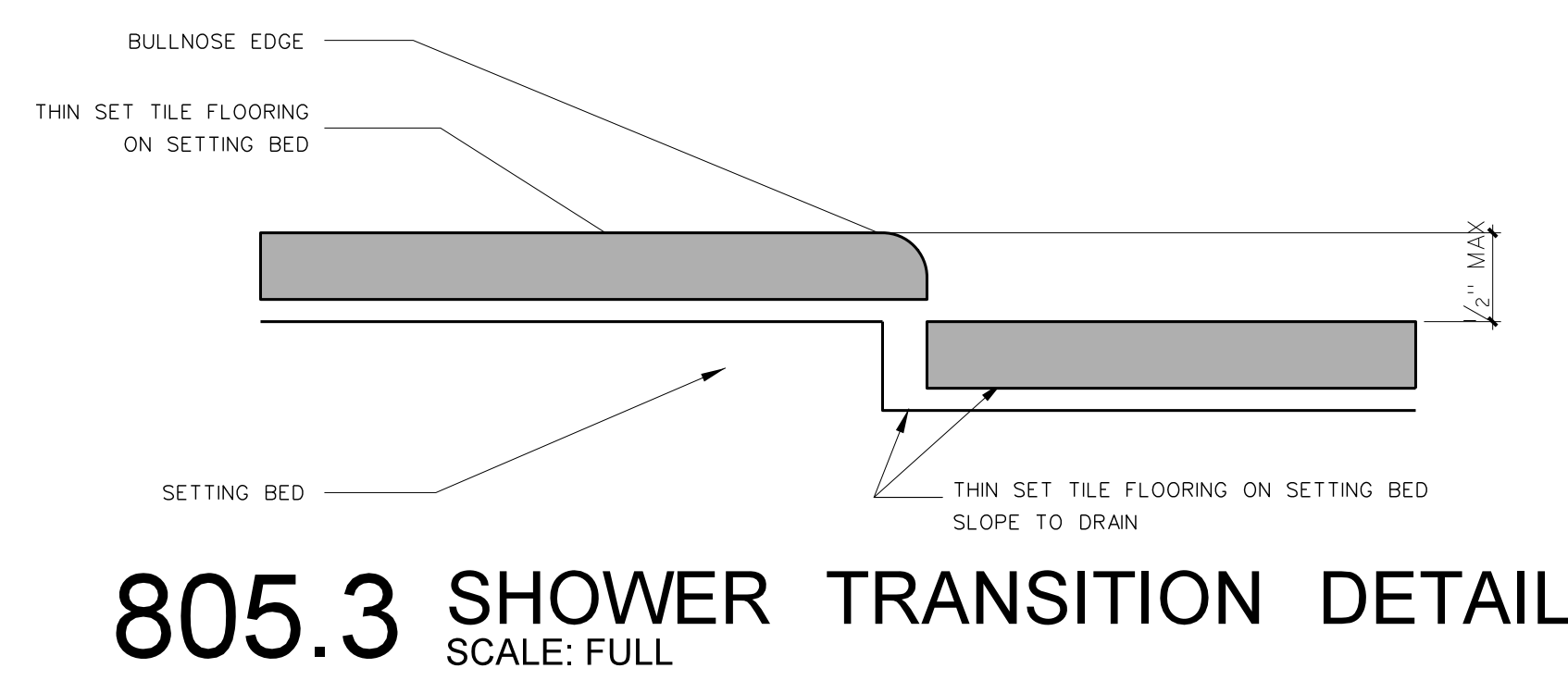


D SHOWER (LOCKER RM. 833)

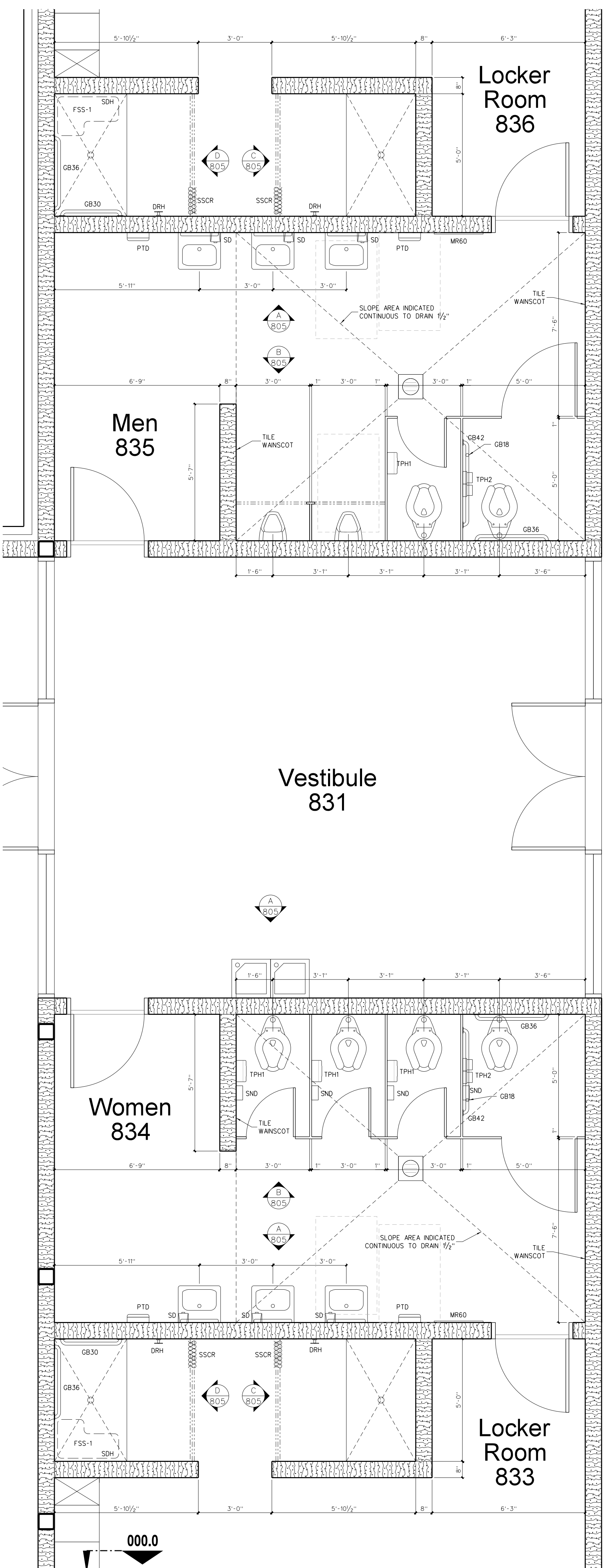


C SHOWER (LOCKER RM. 833)

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



805.3 SHOWER TRANSITION DETAIL
SCALE: FULL

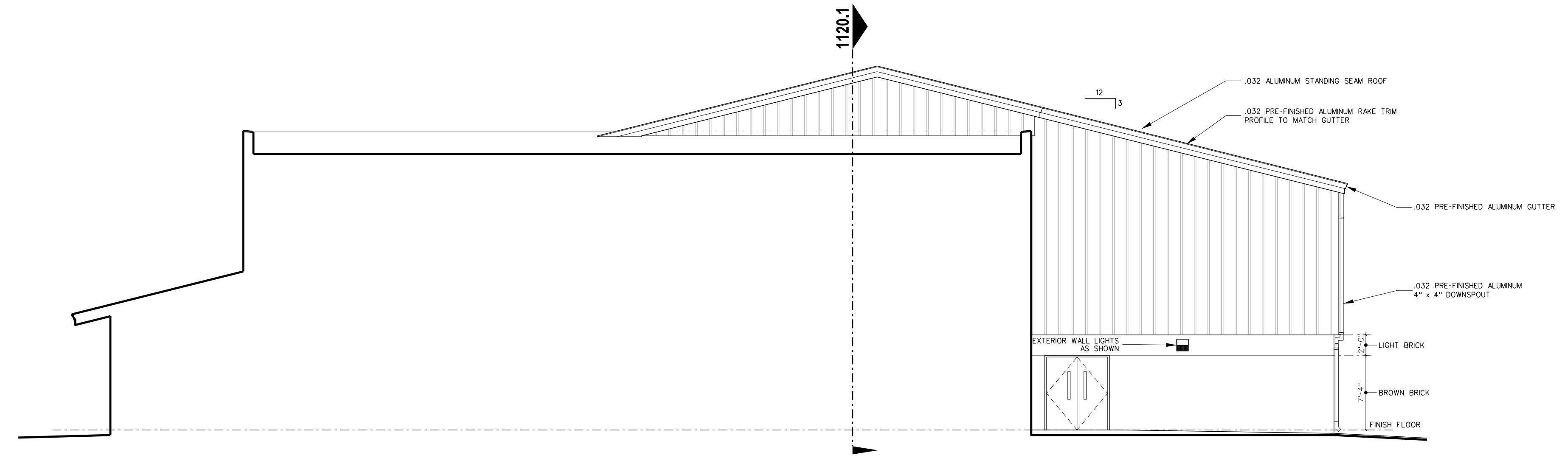


805.1 ENLARGED TOILETS PLAN
SCALE: 3/8" = 1'-0"

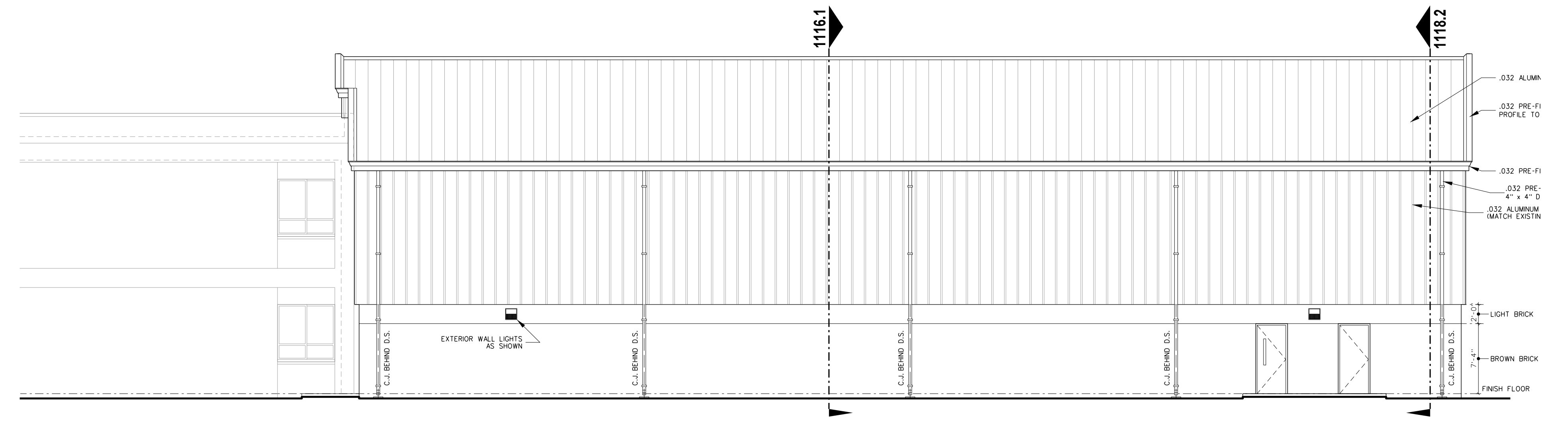
Mark	Model	Description	Number Required	Remarks
SD	BY OWNER	LOTION SOAP DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
SNDU	BY OWNER	SANITARY NAPKIN DISPENSER	FEMALE TOILETS	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH1	BY OWNER	TOILET PAPER DISPENSER	AS PER PLAN	BY OWNER - G.C. TO PROVIDE BLOCKING AND INSTALL
TPH2	BOBRICK B-2740	TOILET PAPER DISPENSER	AS PER PLAN	
MR36	BOBRICK 165-1836	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
MR60	BOBRICK 165-2460	LAMINATED GLASS MIRROR W/ S.S. CHANNEL MOLD	AS PER PLAN	
GB18	BOBRICK 6806-18	18\"/>		

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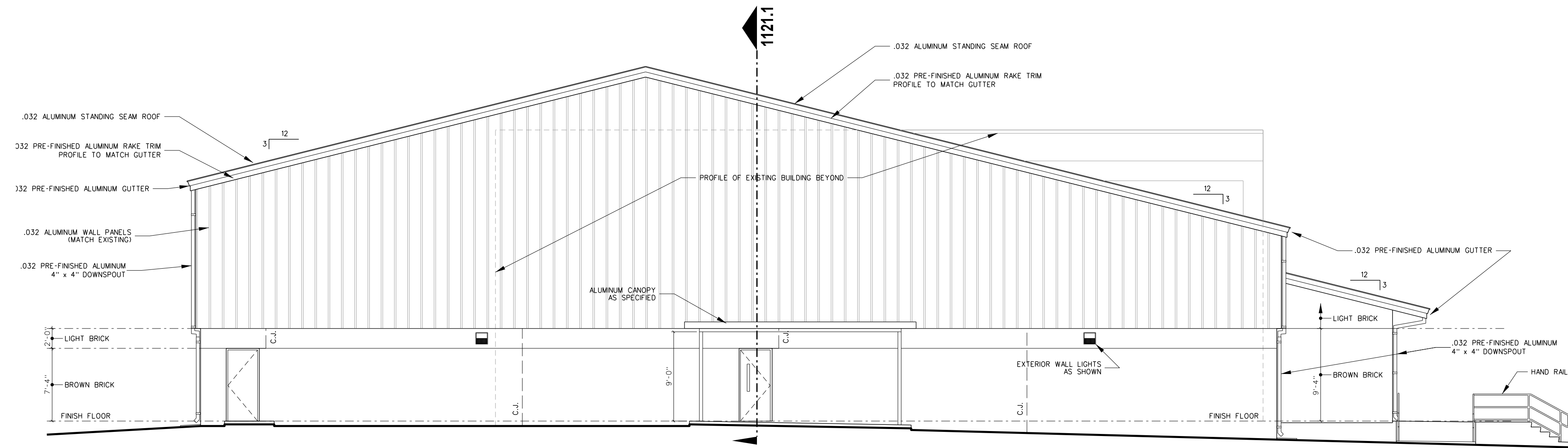
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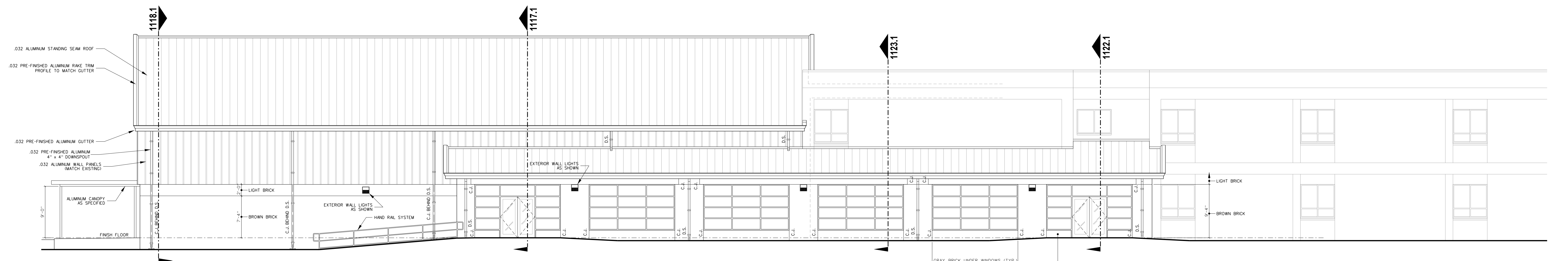
903.4 GYMNASIUM SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



903.3 GYMNASIUM EAST ELEVATION
SCALE: 1/8" = 1'-0"



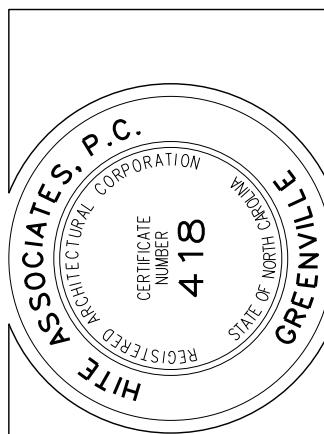
903.2 GYMNASIUM NORTH ELEVATION
SCALE: 1/8" = 1'-0"



903.1 GYMNASIUM WEST ELEVATION
SCALE: 1/8" = 1'-0"

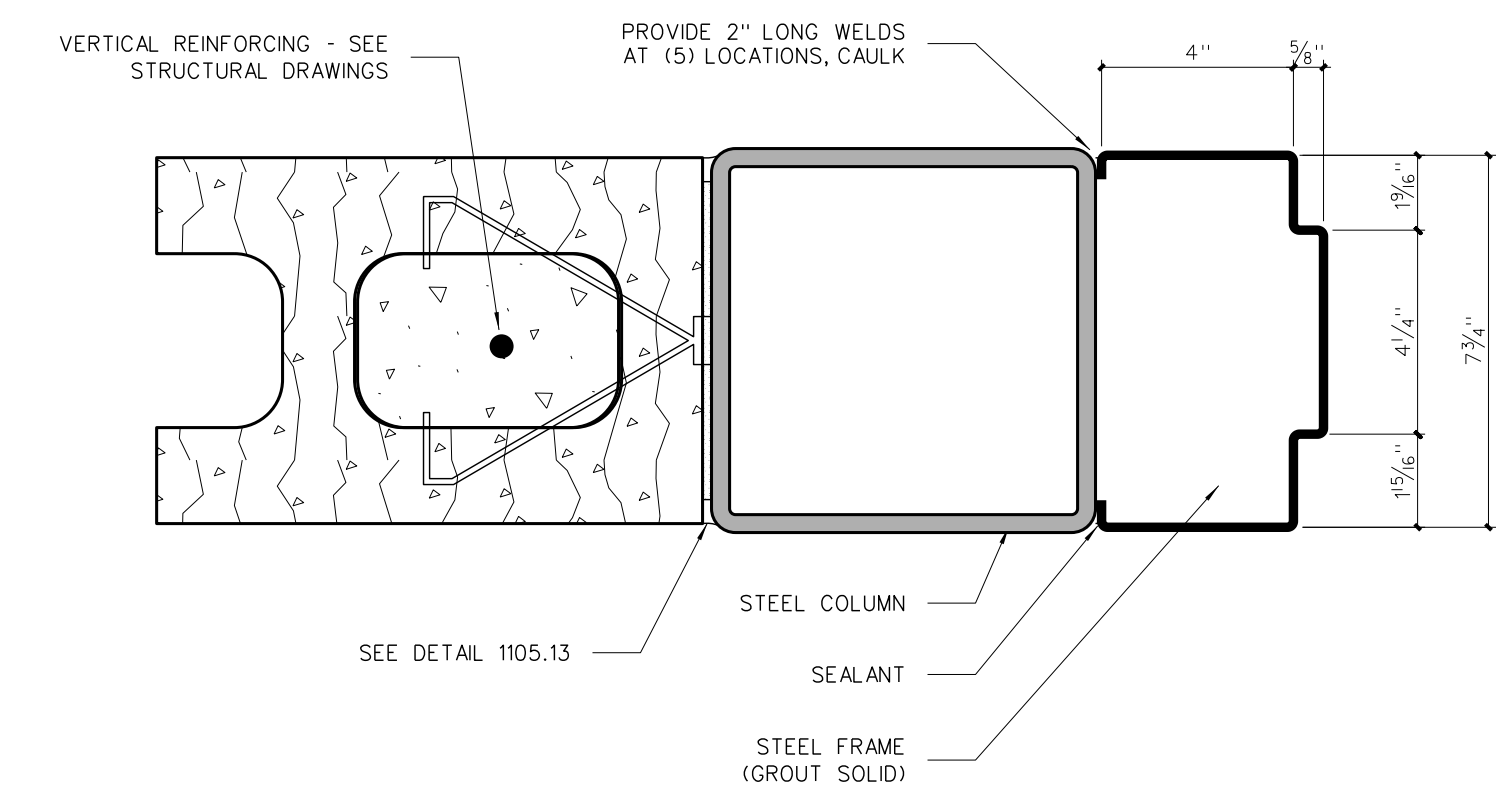
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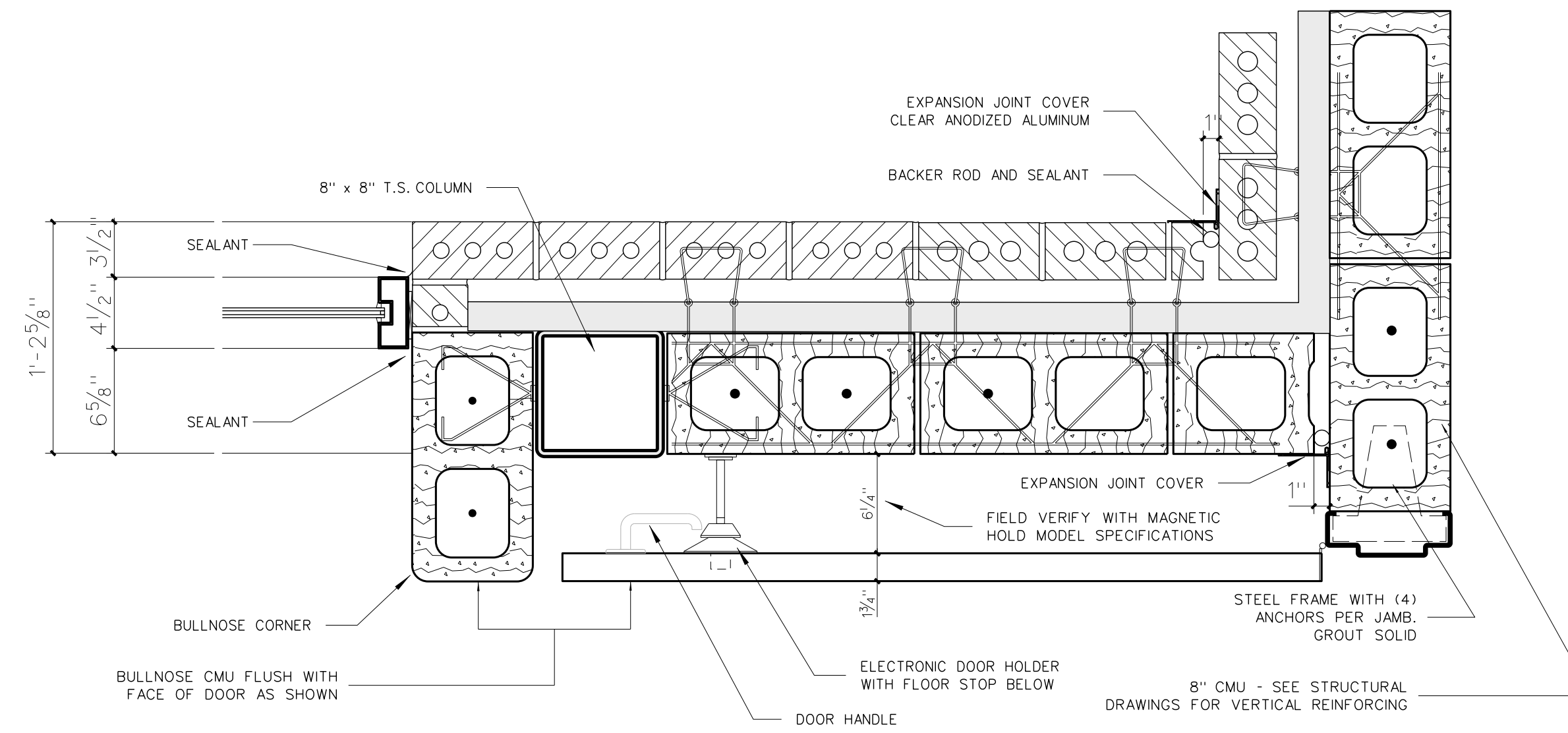


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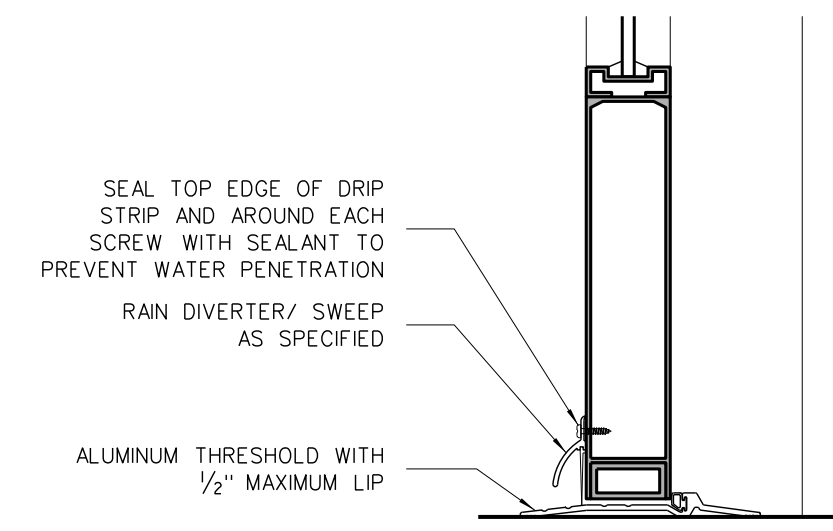
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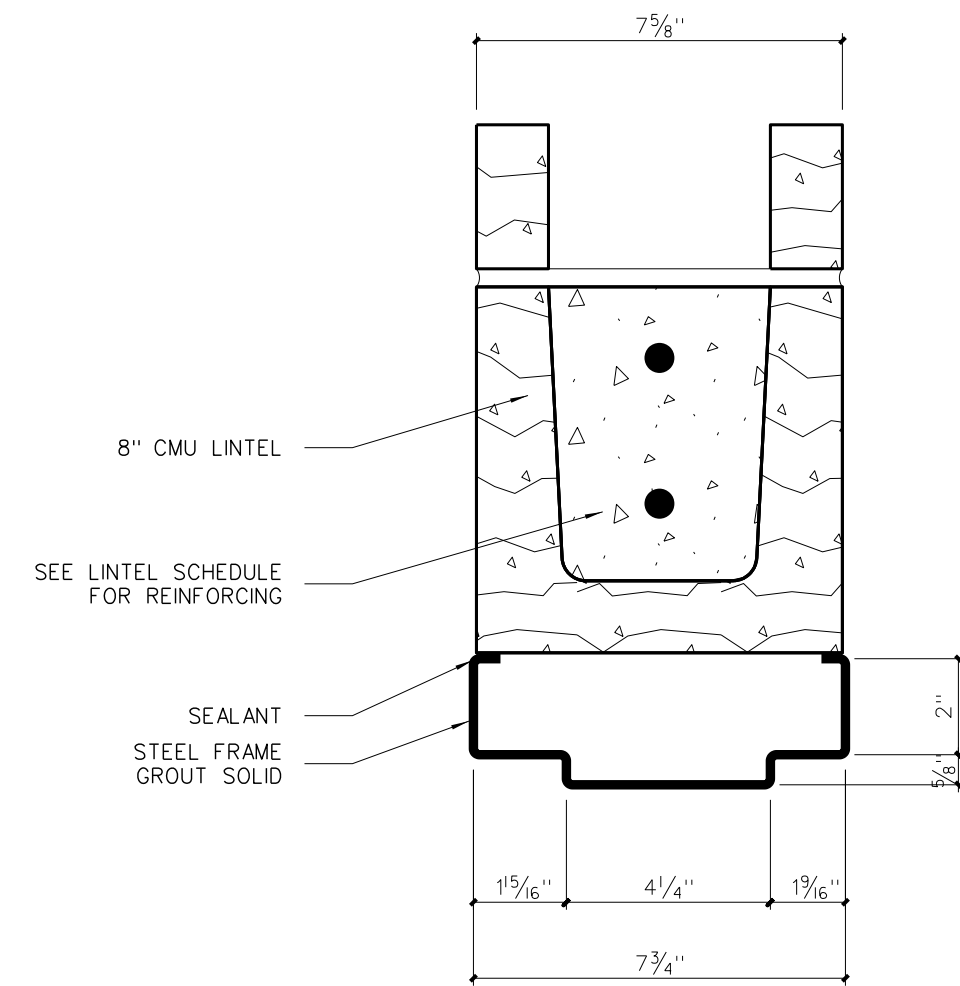
1002.8 JAMB-TYP. @ COLUMNS



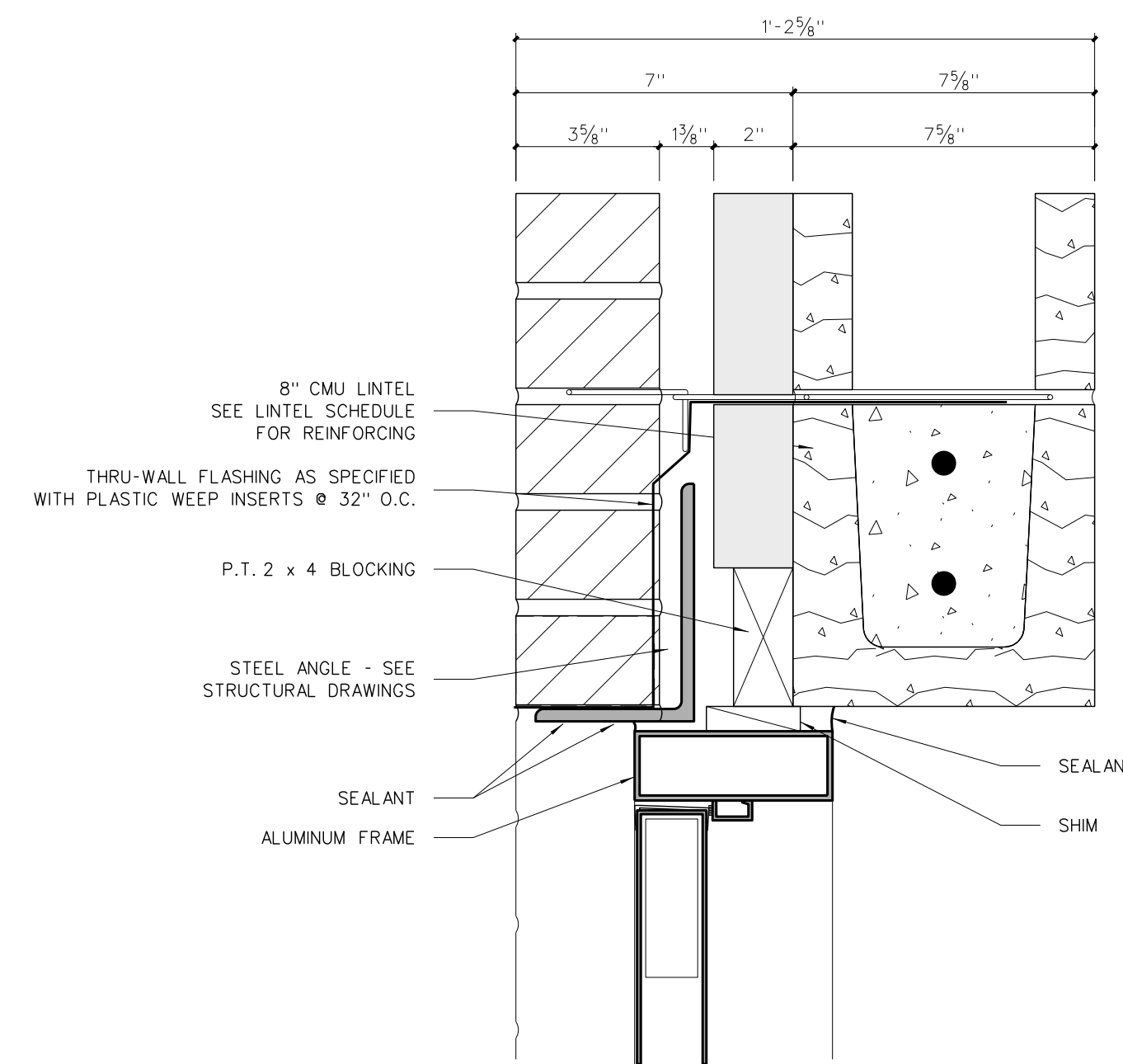
1002.9 RECESSED DOOR DETAIL
SCALE: 1 1/2" = 1'-0"



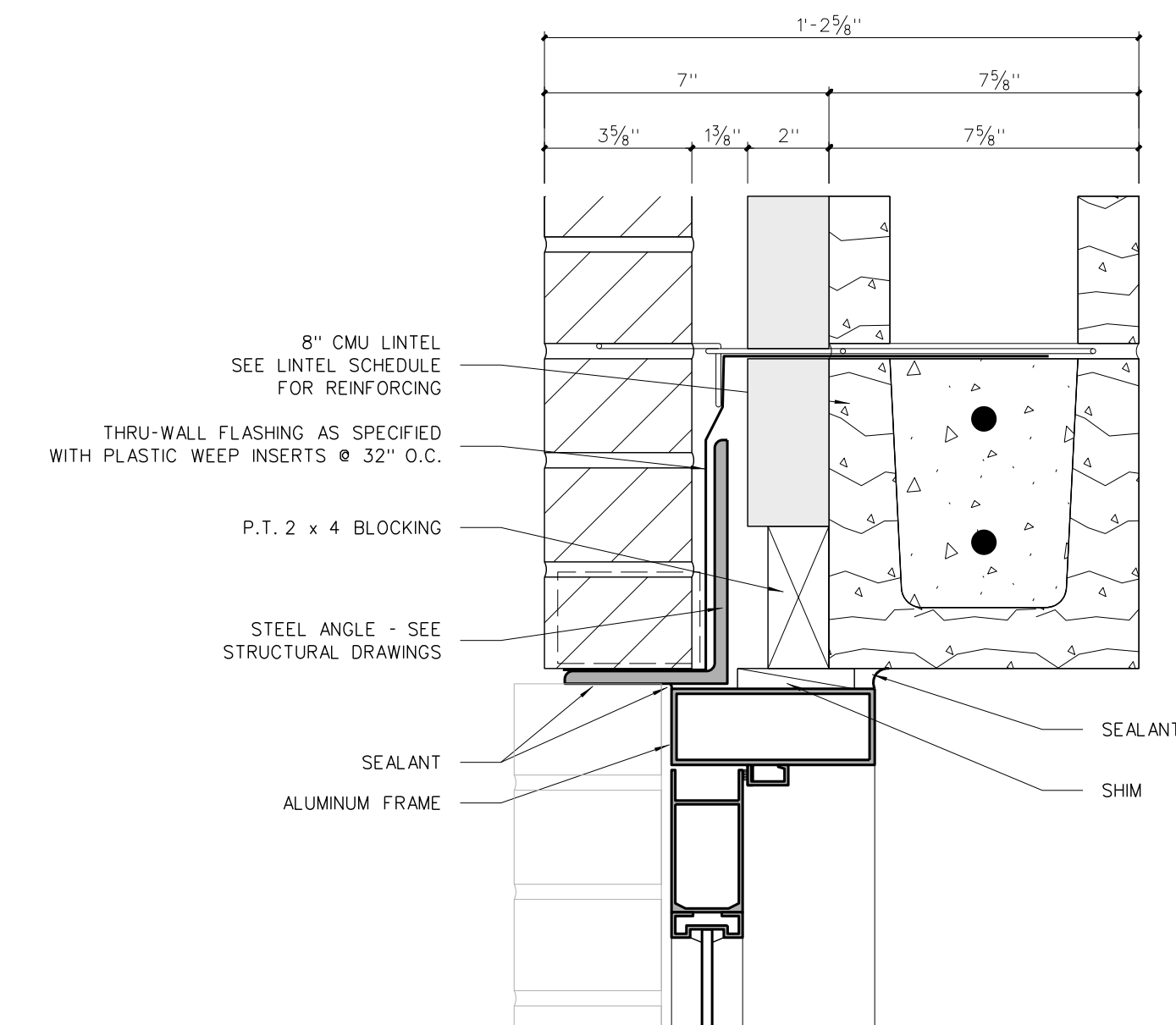
1002.7 DOOR THRESHOLD DETAIL



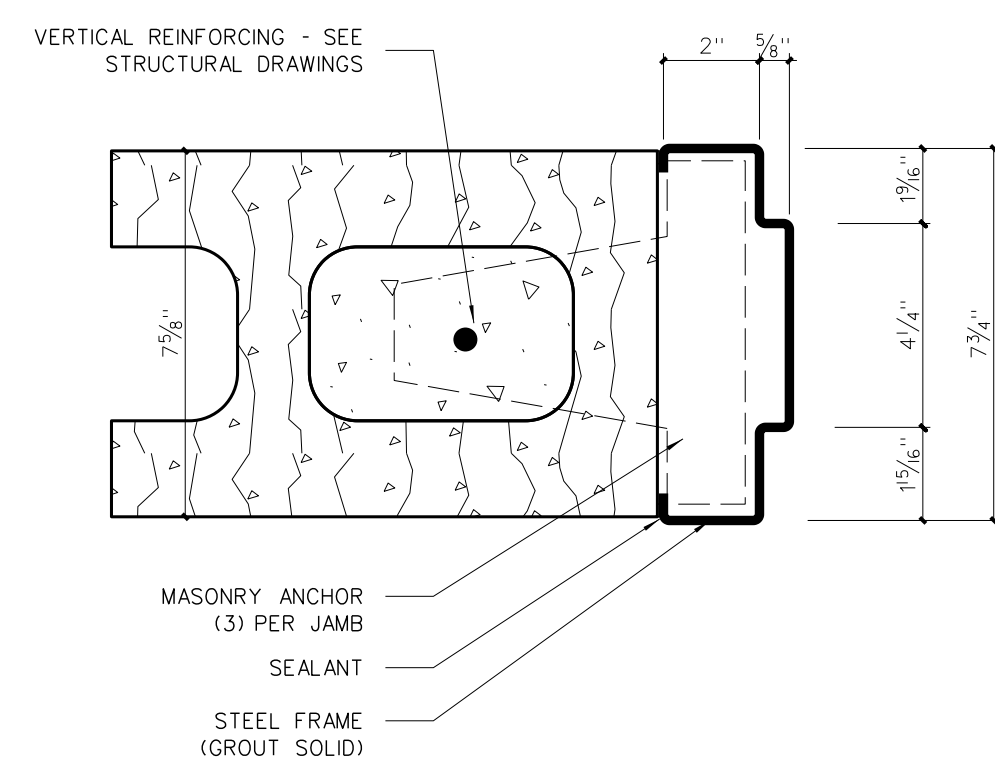
1002.6 HEAD



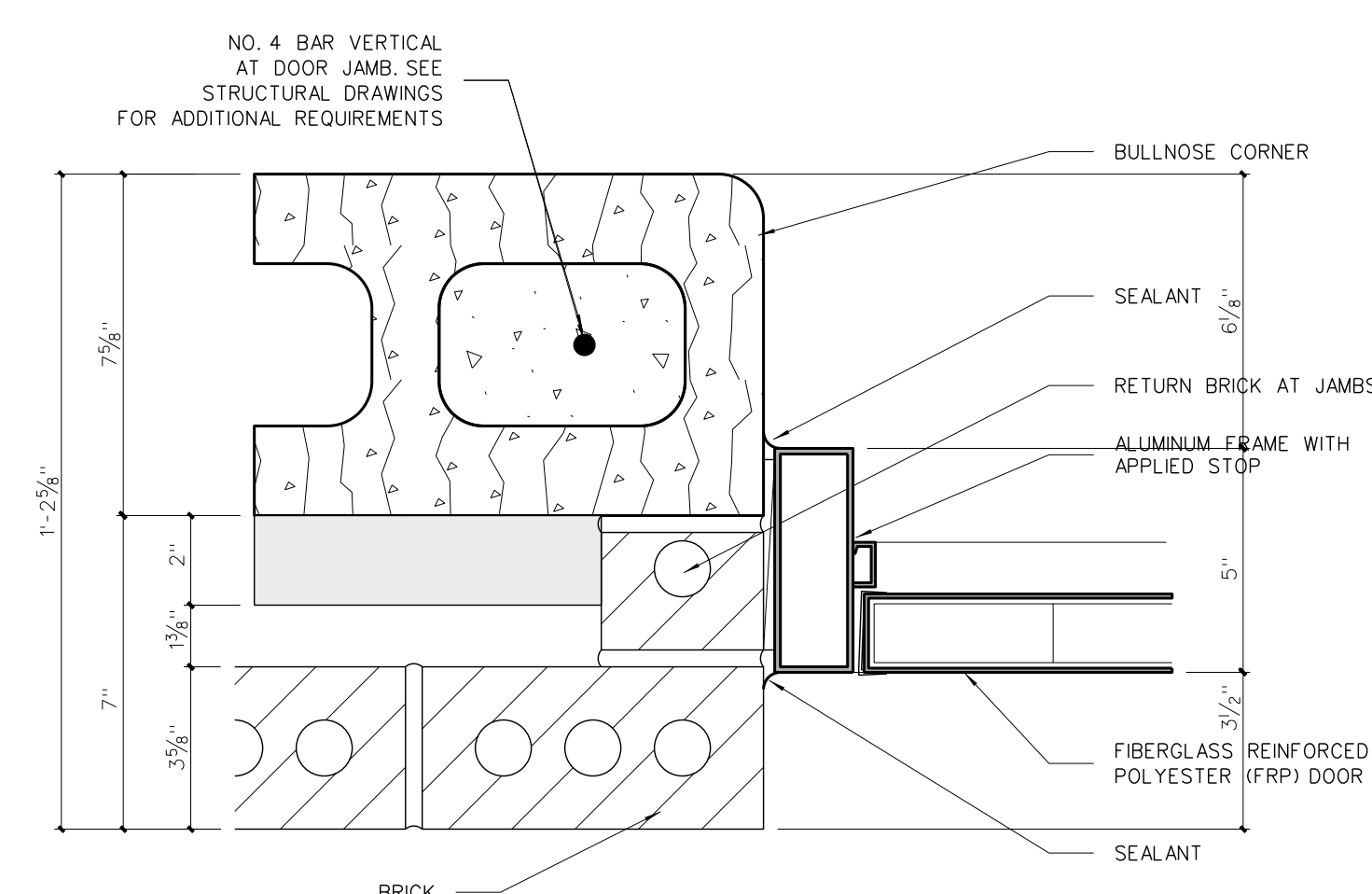
1002.4 HEAD



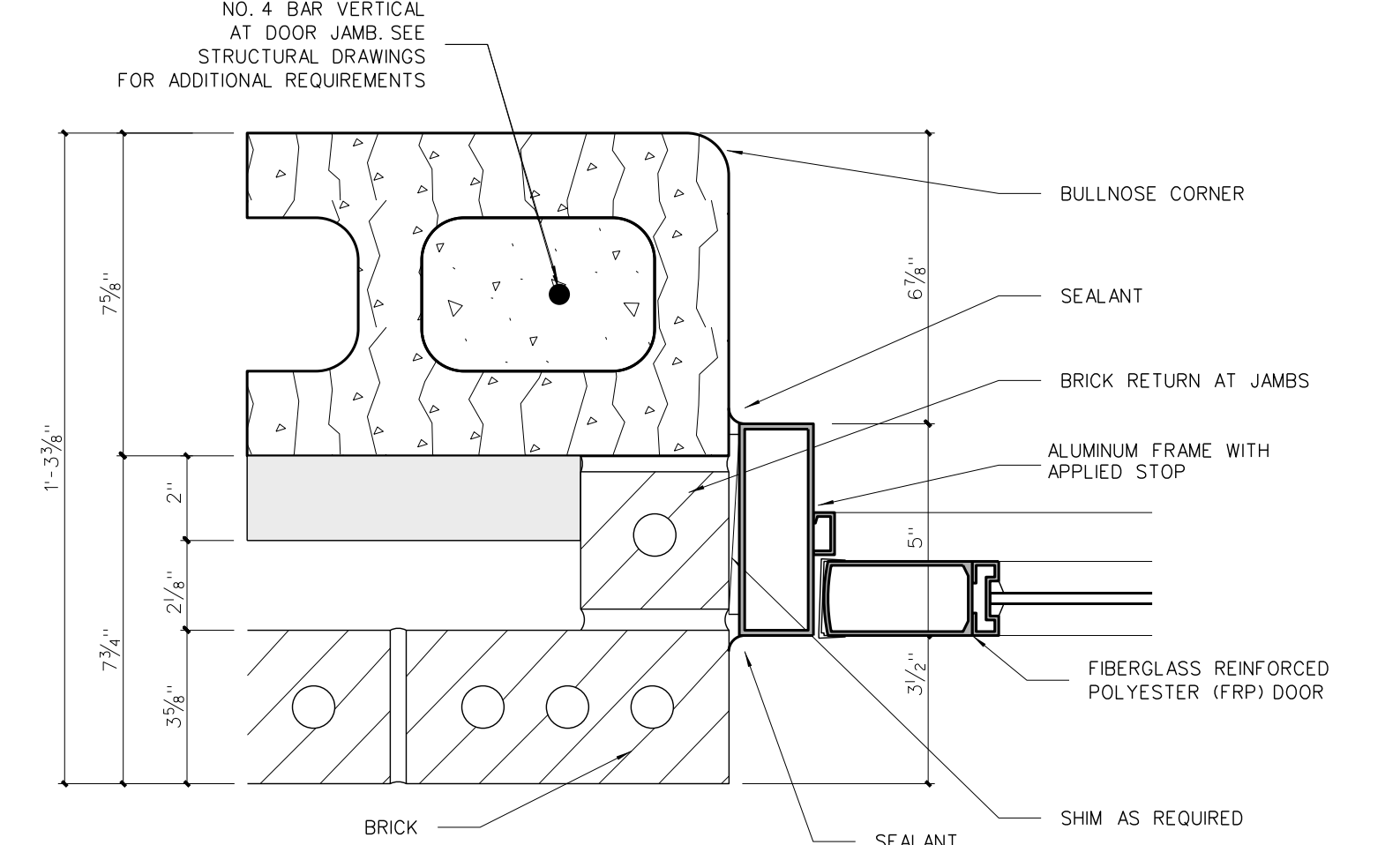
1002.2 HEAD



1002.5 JAMB



1002.3 JAMB

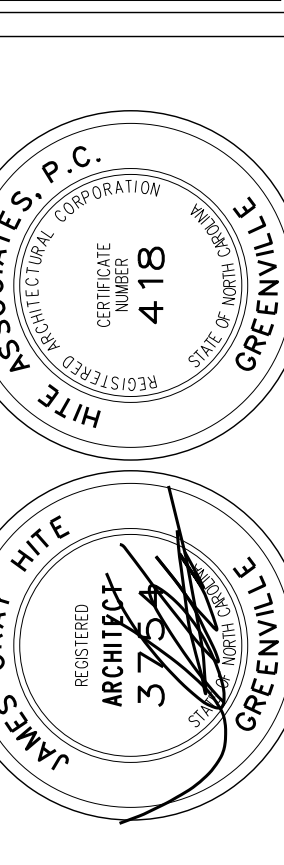


1002.1 JAMB

1002 DOOR FRAME DETAILS
SCALE: 3" = 1'-0"

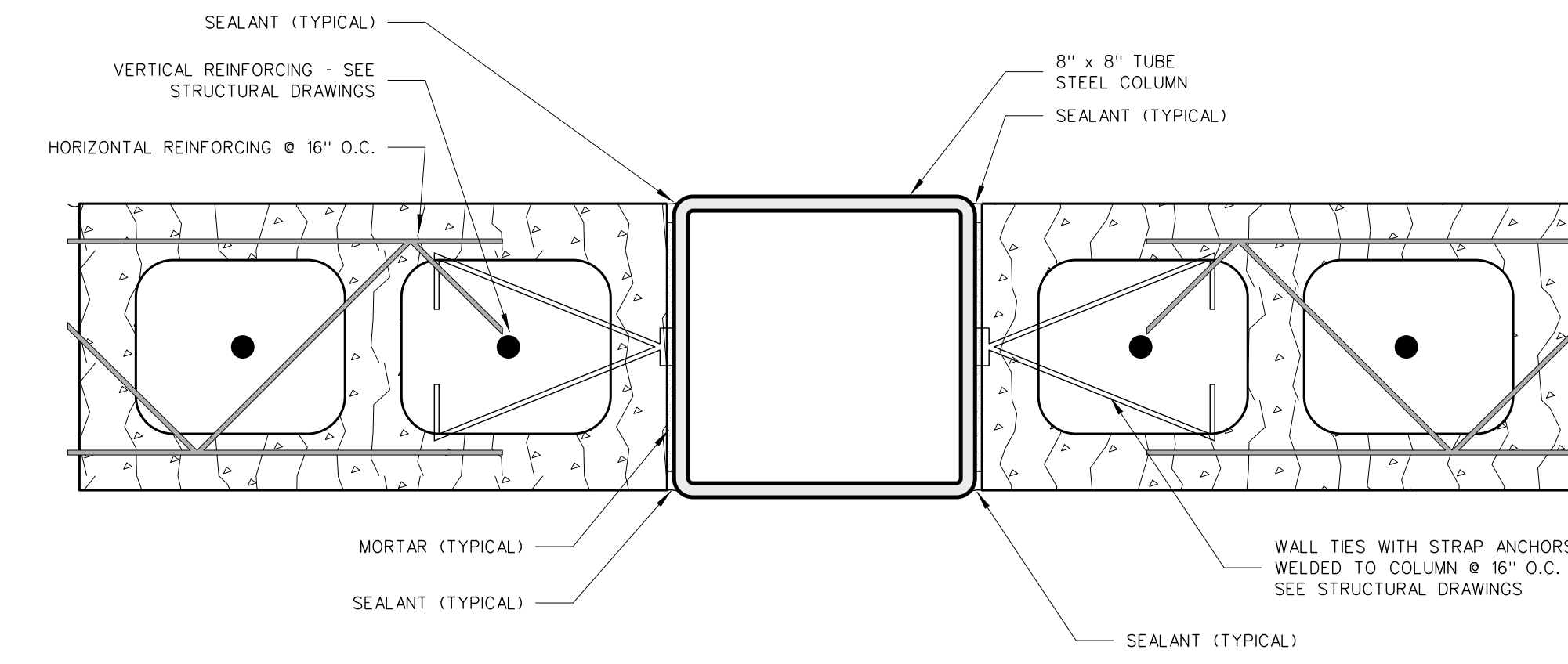
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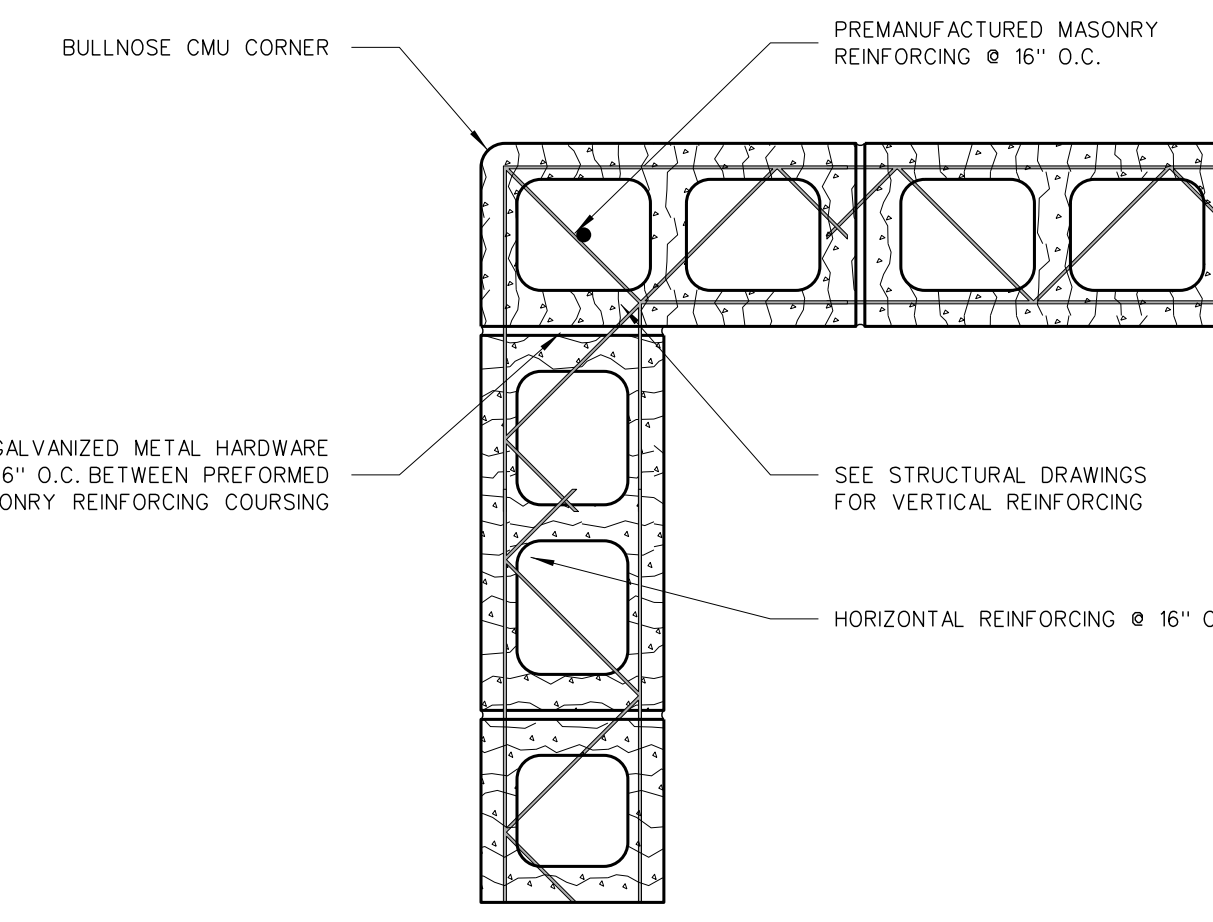


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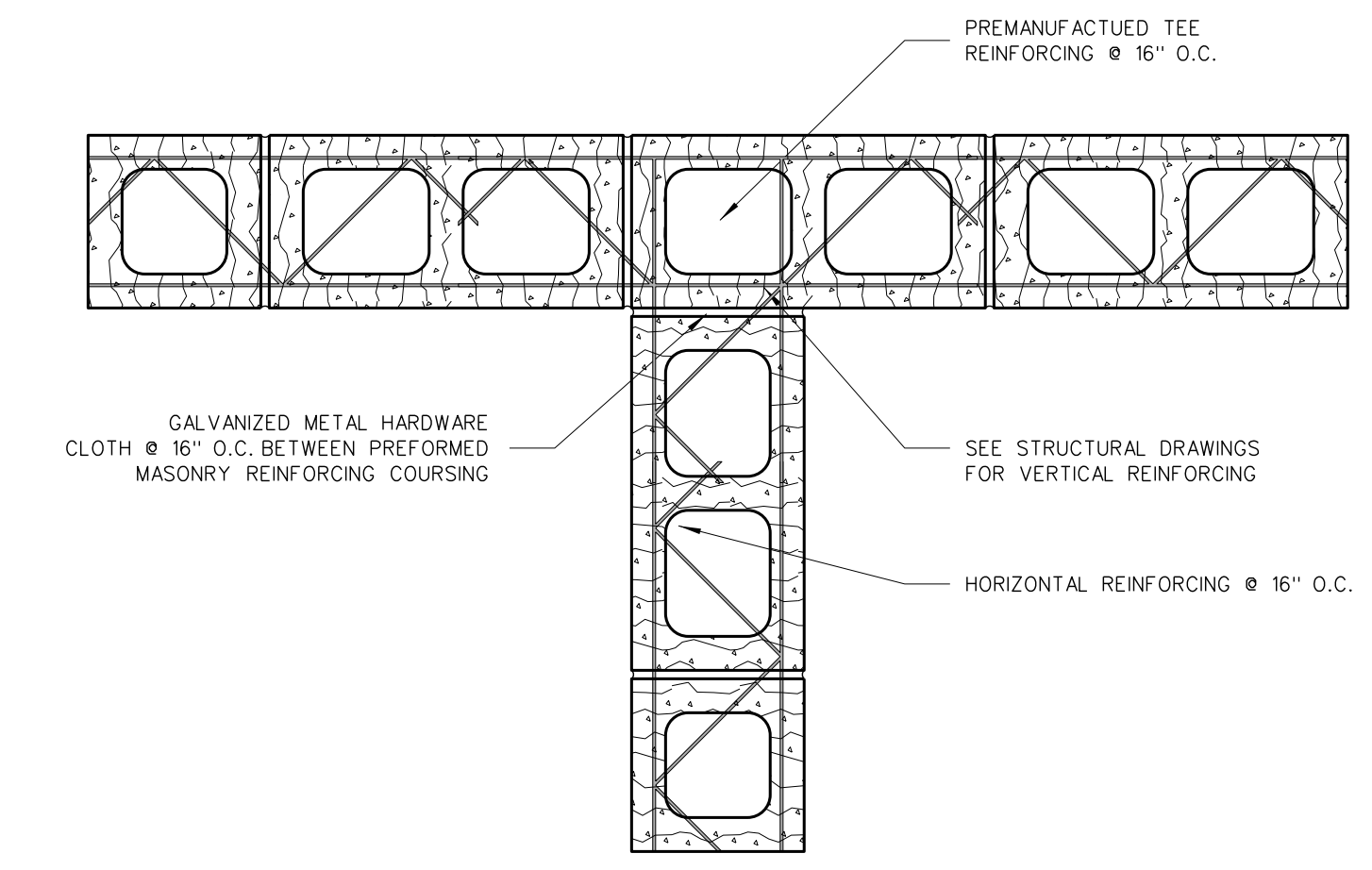
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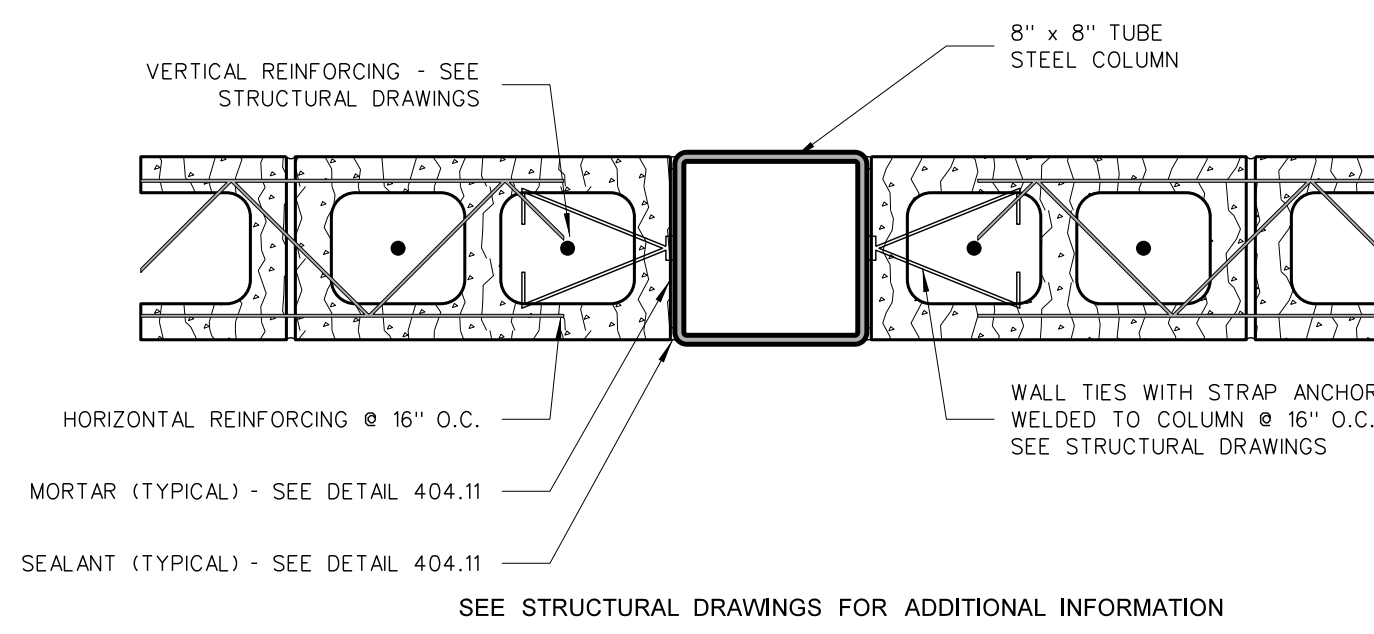
1004.11 TYPICAL COLUMN DETAIL
SCALE: 6" = 1'-0"



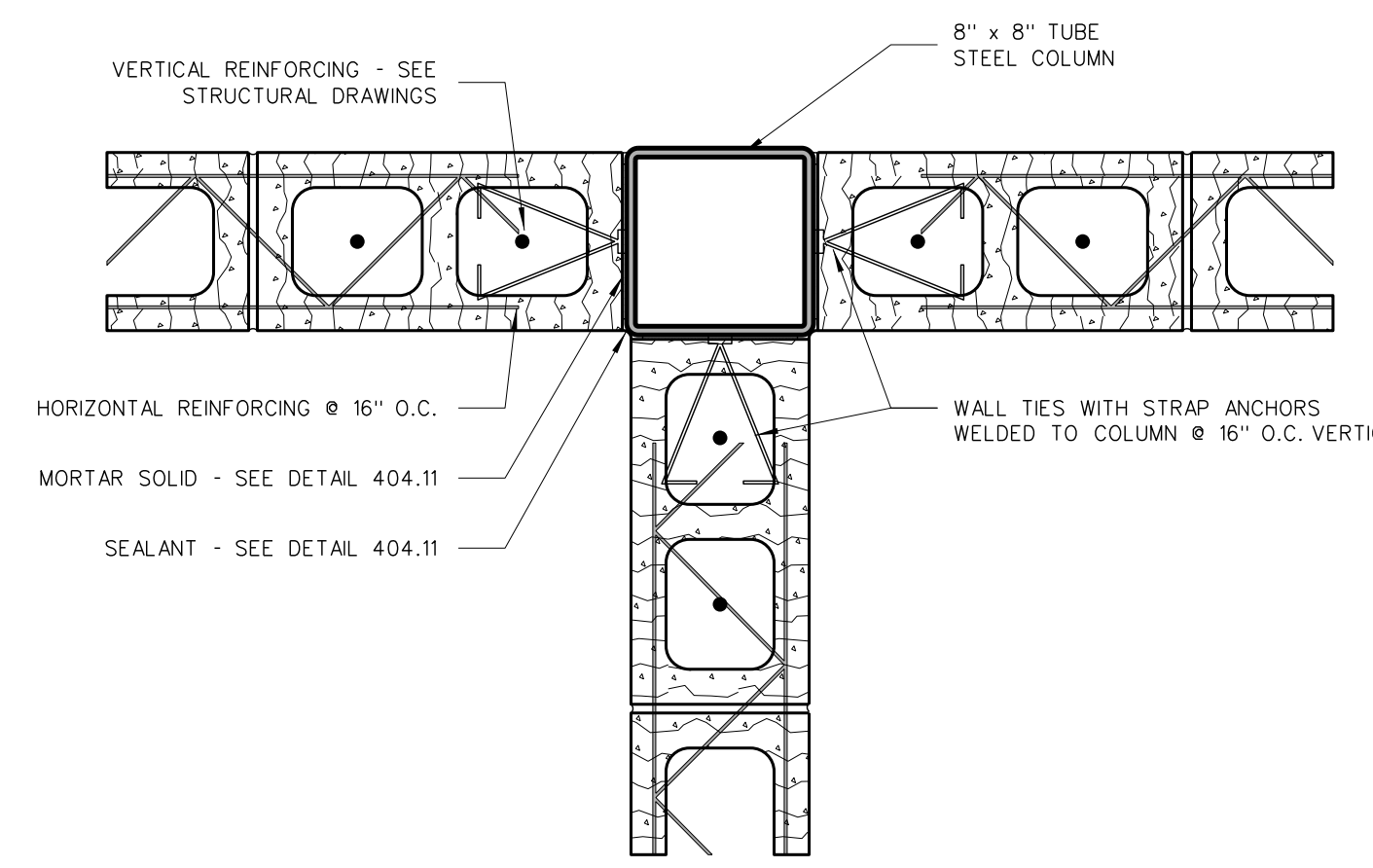
1004.10 CMU WALL INTERSECTION



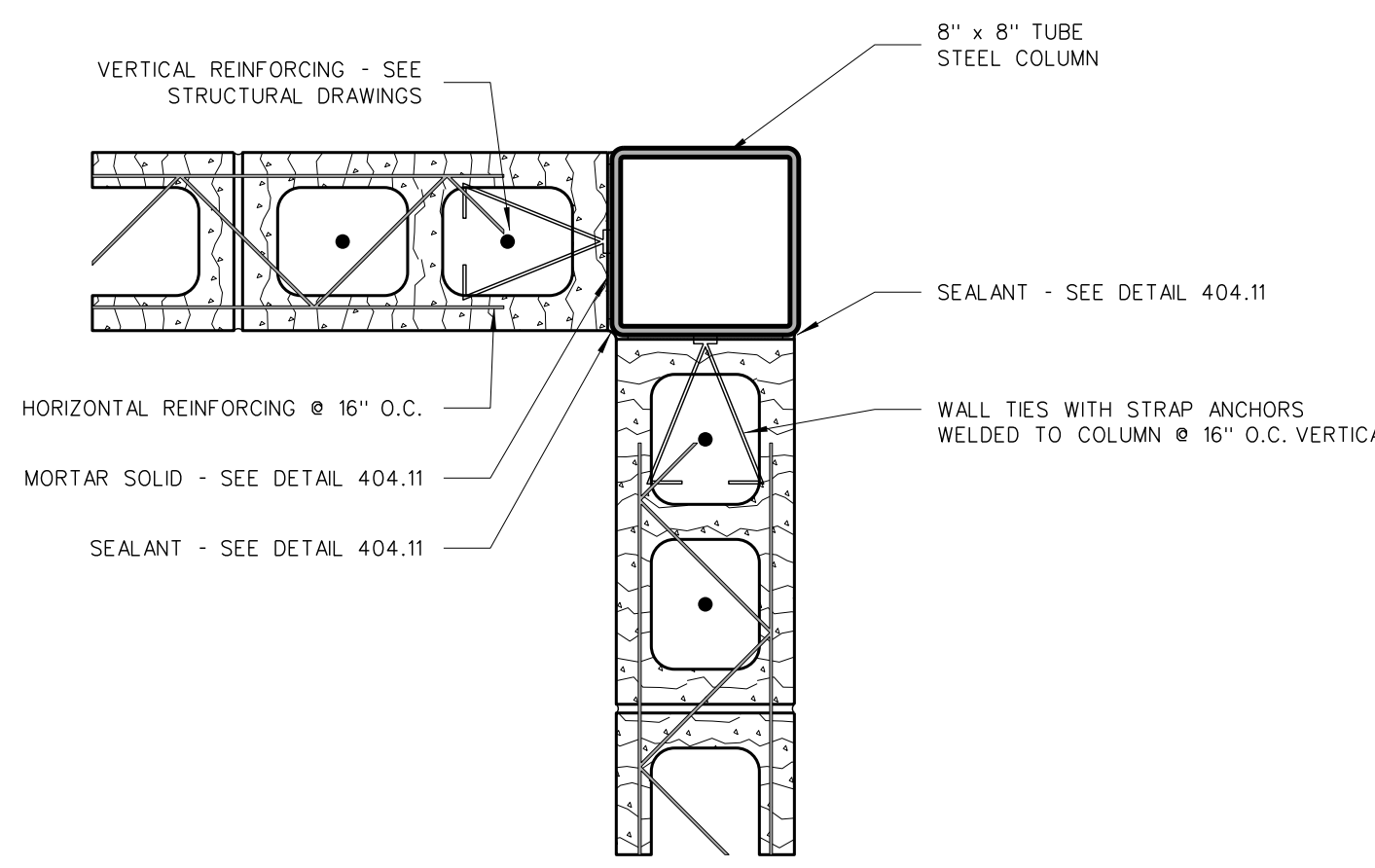
1004.9 CMU WALL INTERSECTION



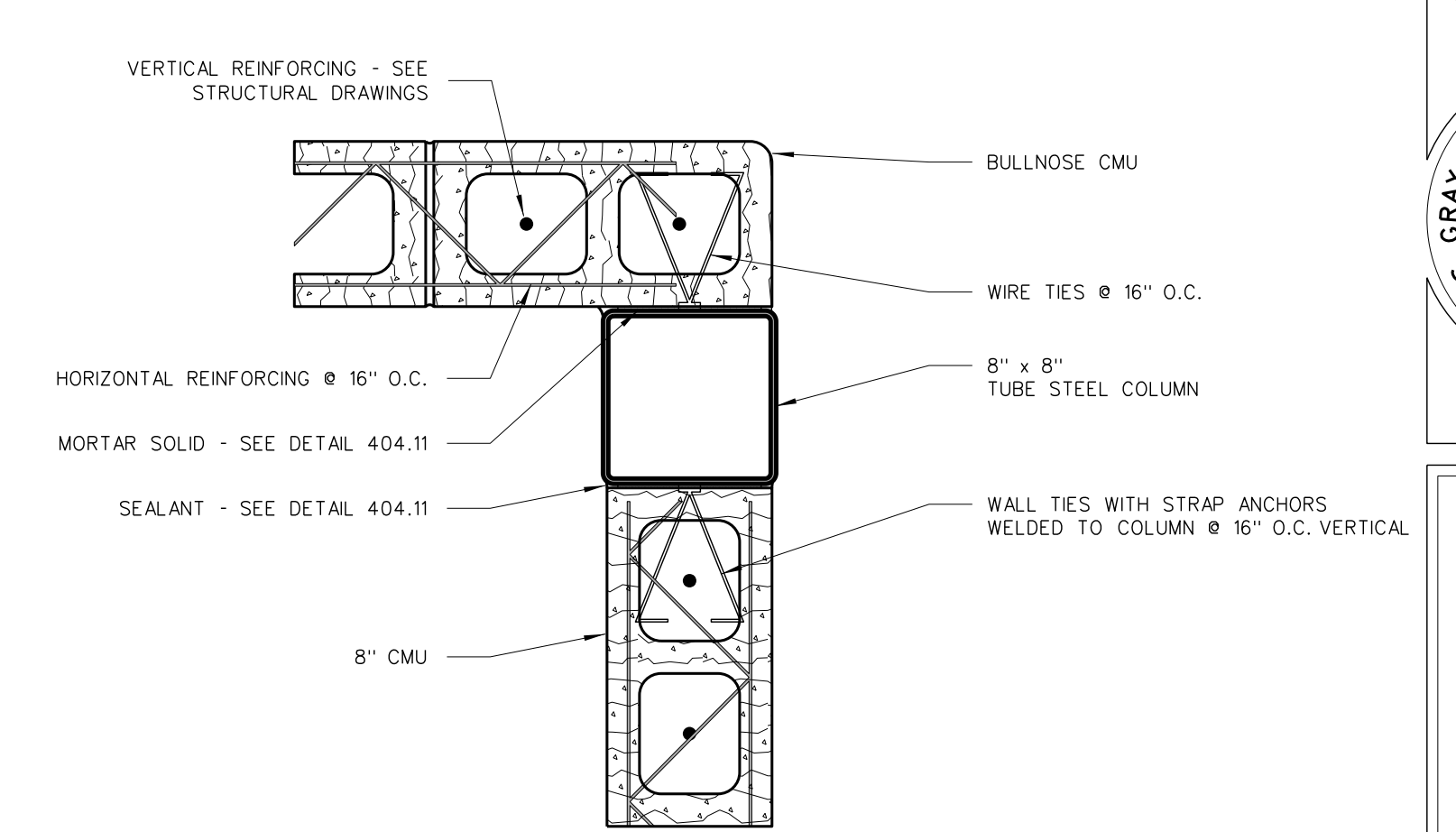
1004.8 COLUMN DETAIL



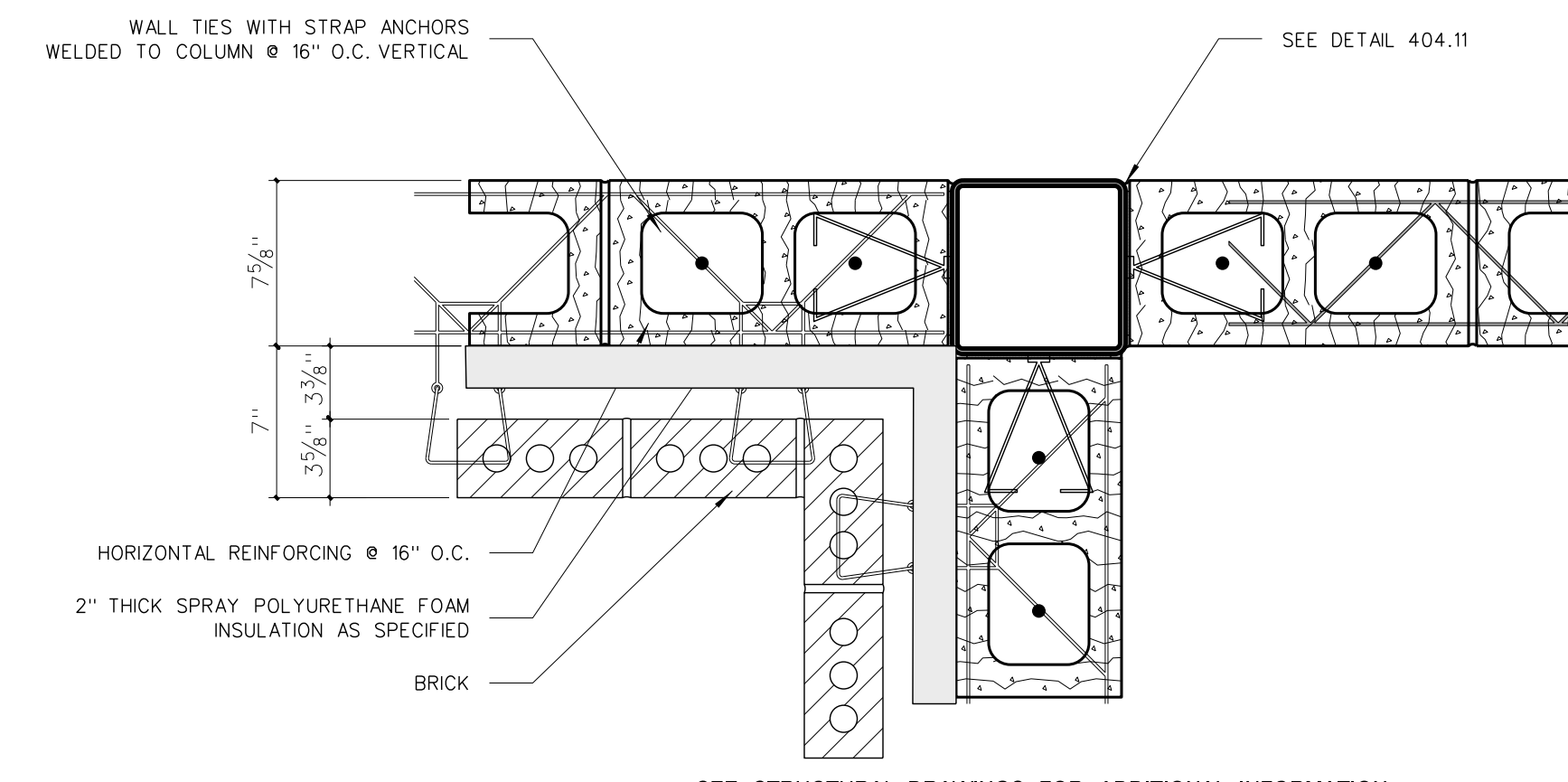
1004.7 COLUMN DETAIL



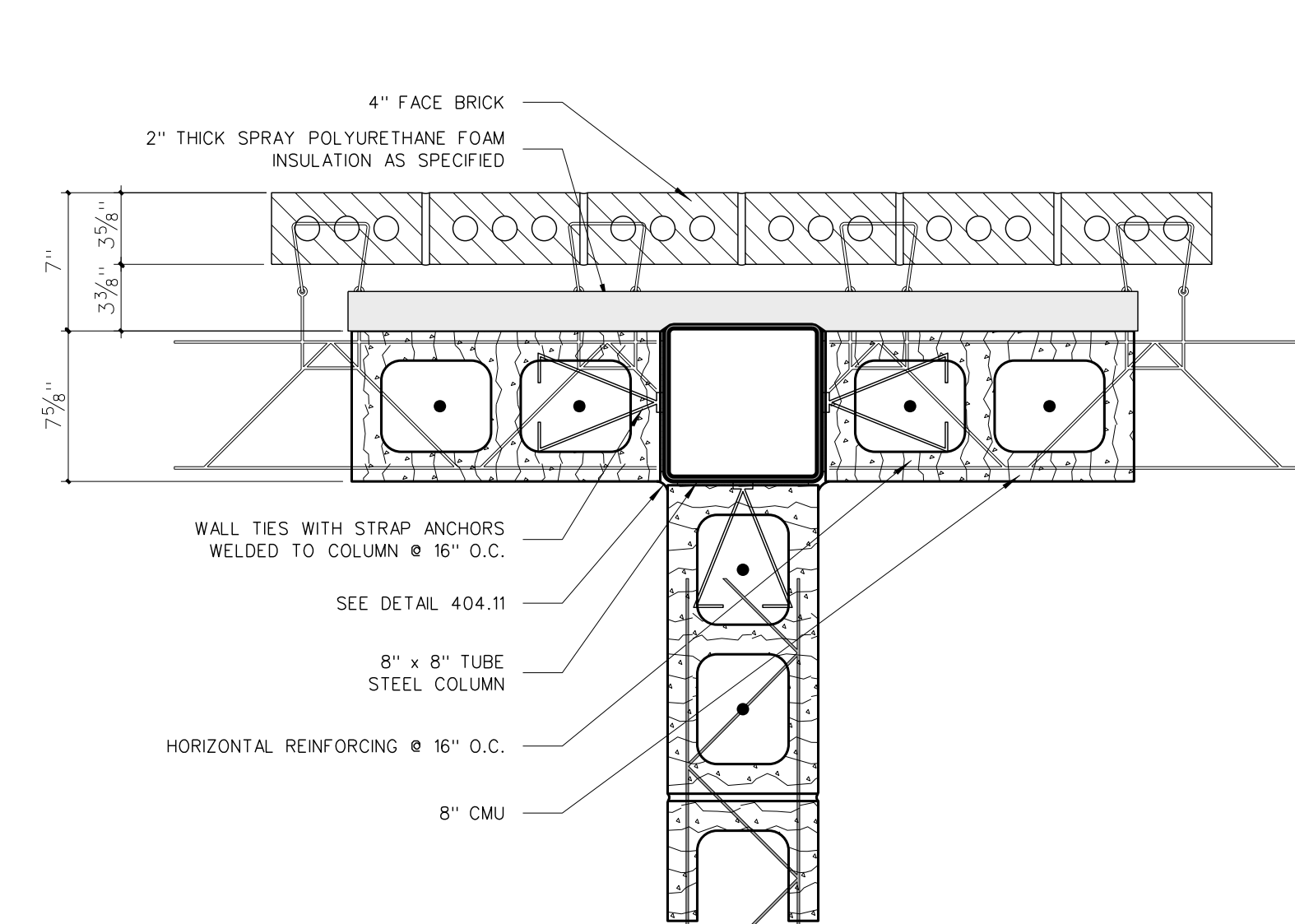
1004.6 COLUMN DETAIL



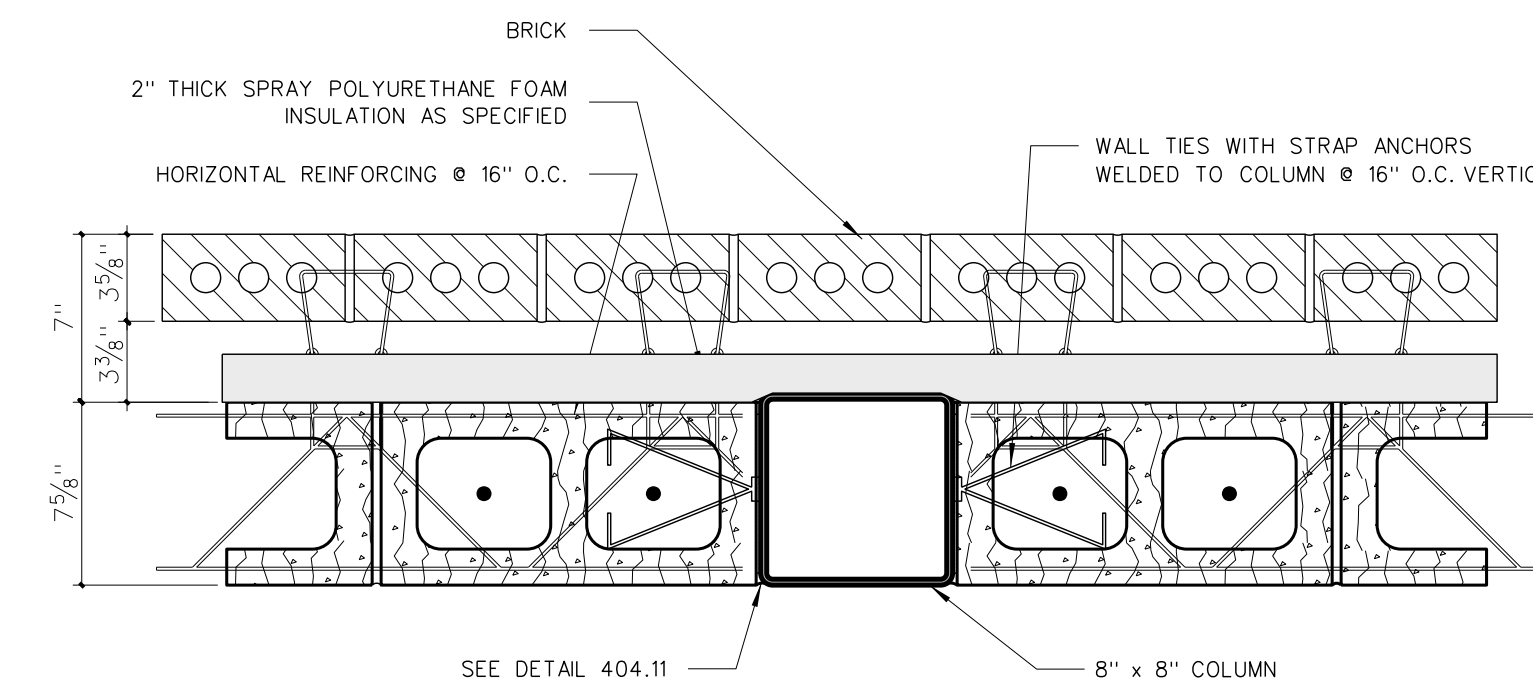
1004.5 COLUMN DETAIL



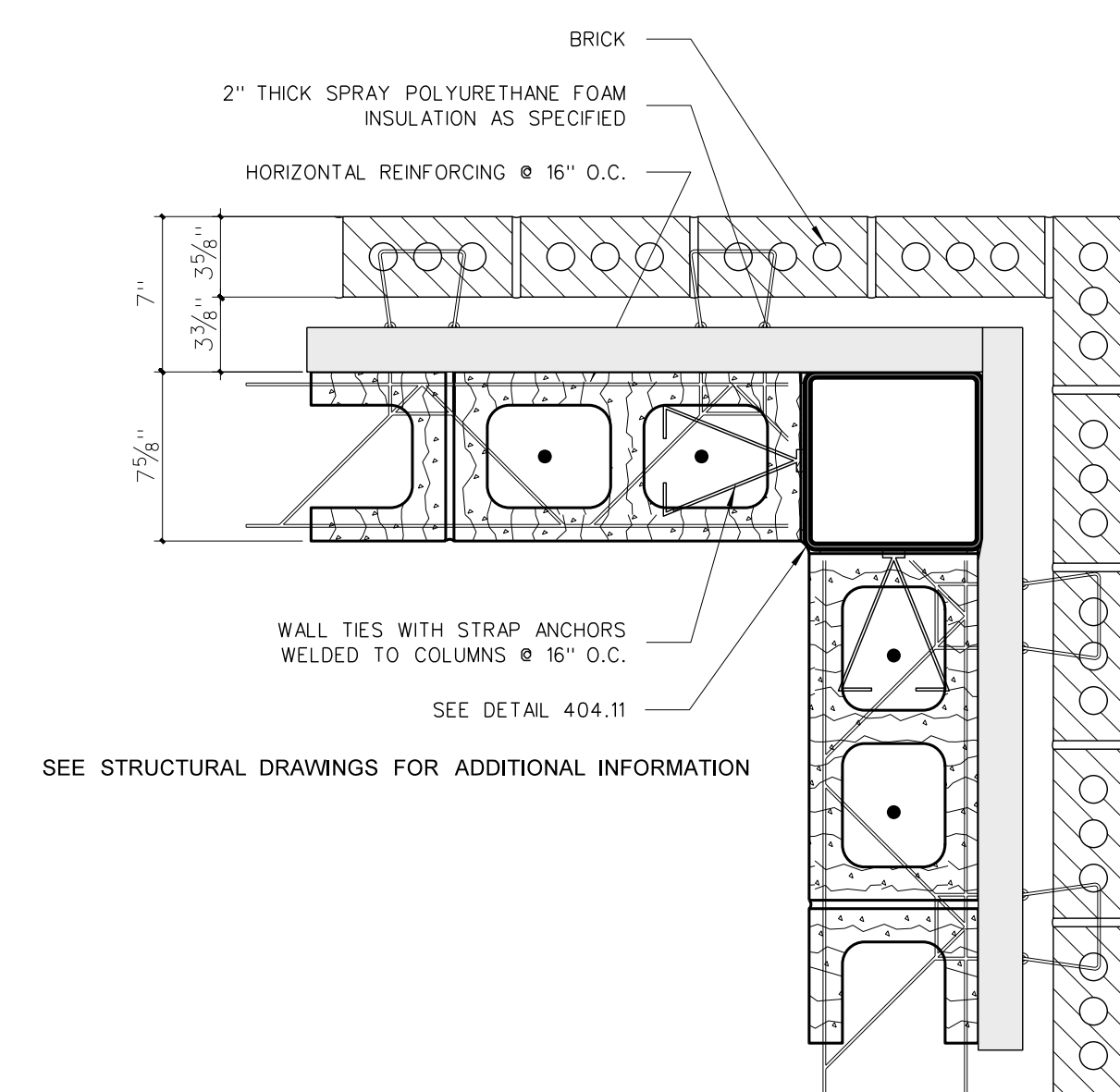
1004.4 COLUMN DETAIL



1004.3 COLUMN DETAIL



1004.2 COLUMN DETAIL

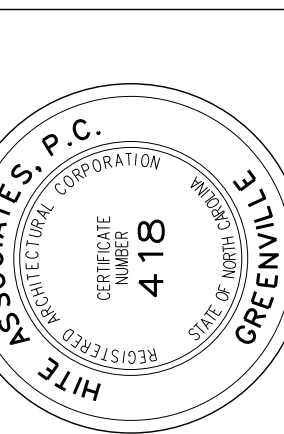


1004.1 COLUMN DETAIL

1004 COLUMN DETAILS
SCALE: 3" = 1'-0"

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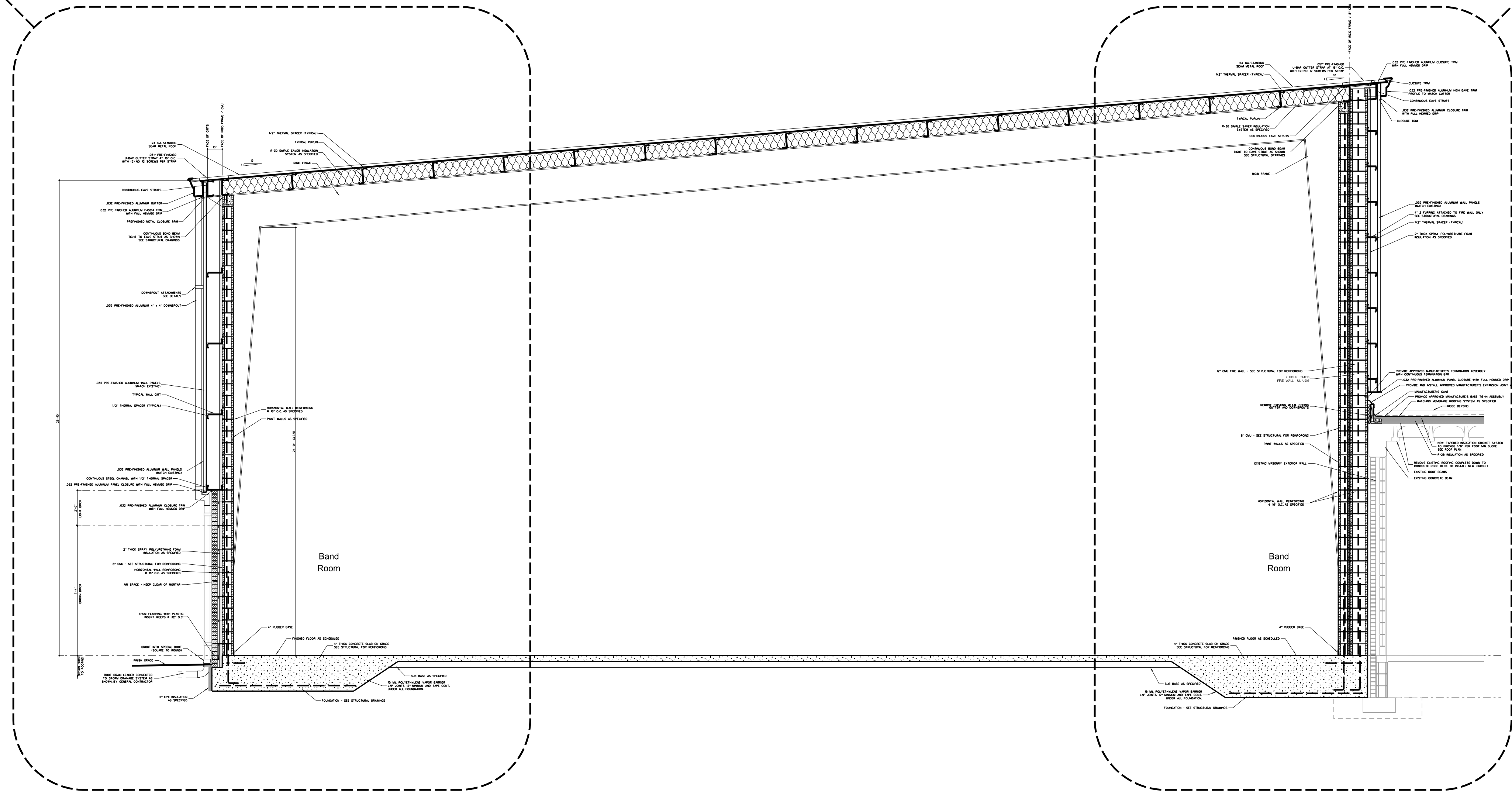


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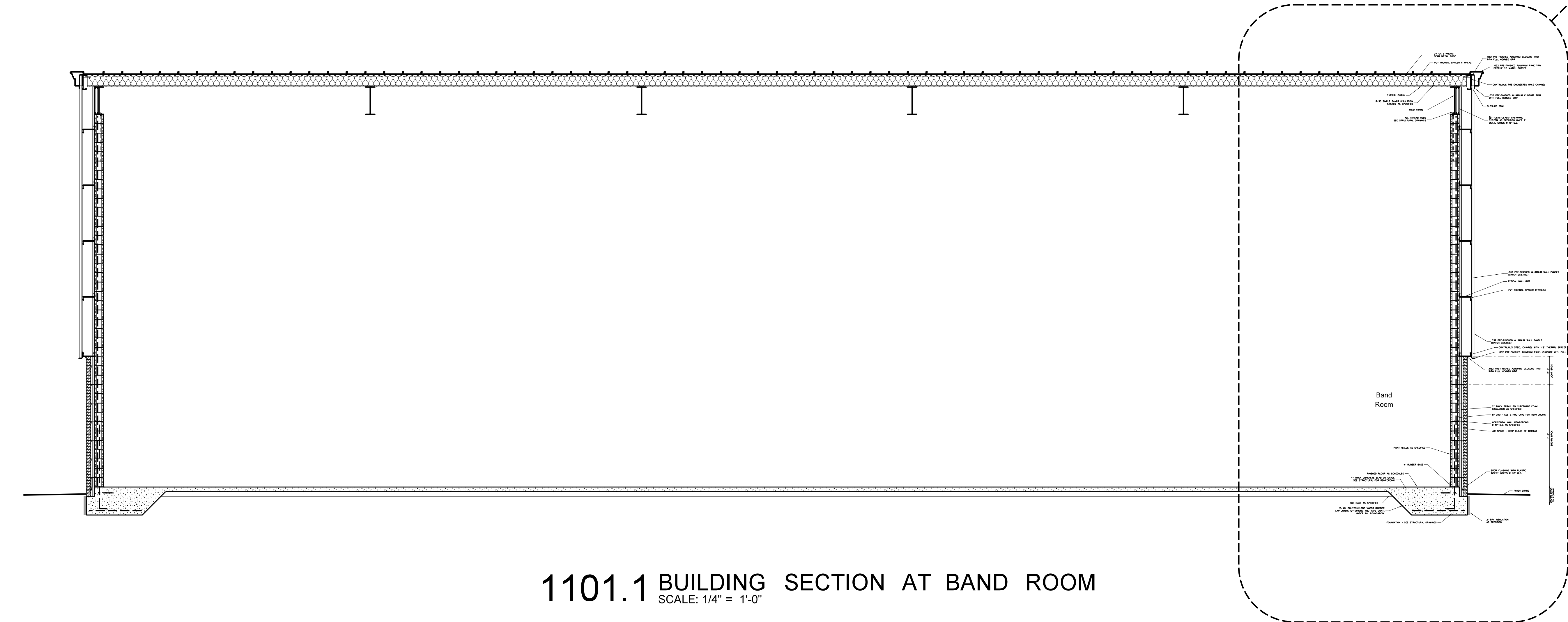
A-1102.2

A-1102.1



1101.2 BUILDING SECTION AT BAND ROOM
SCALE: 1/4" = 1'-0"

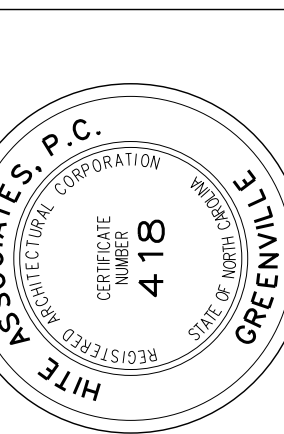
A-1103.1



1101.1 BUILDING SECTION AT BAND ROOM
SCALE: 1/4" = 1'-0"

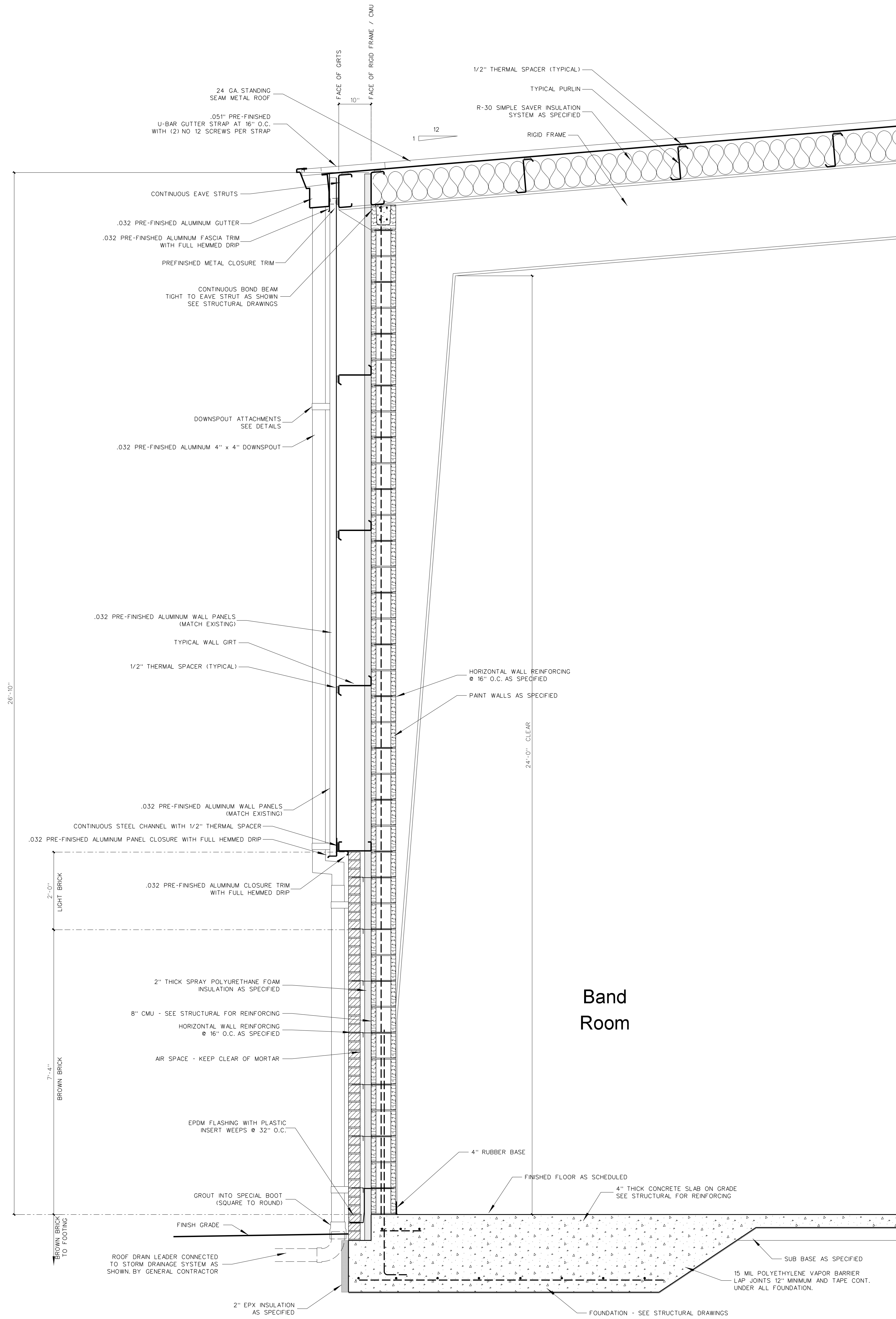
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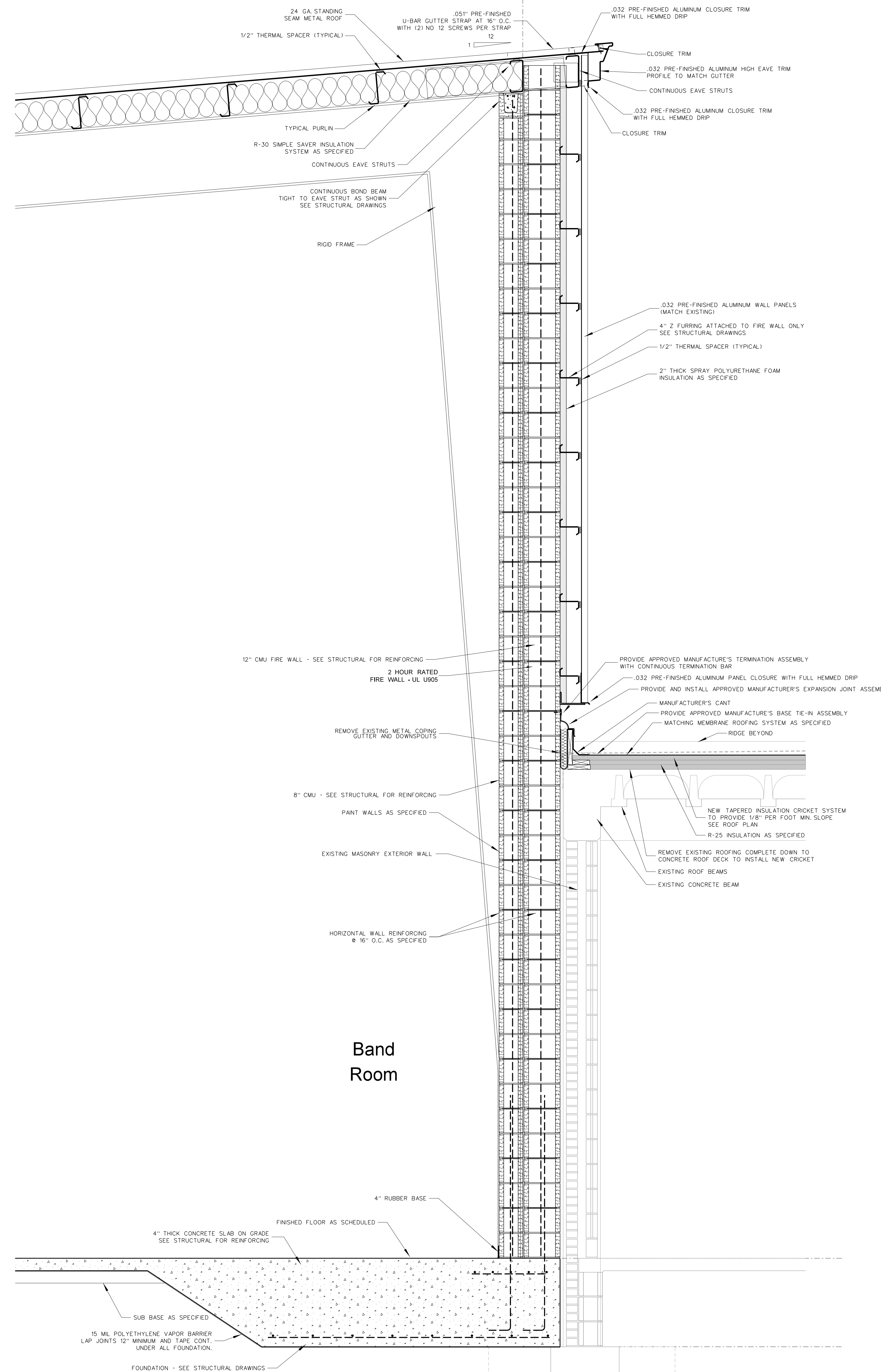


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1102.2 SECTION AT BAND LOW EAVE
SCALE: 3/4" = 1'-0"



1102.1 SECTION AT BAND / EXISTING WALL
SCALE: 3/4" = 1'-0"

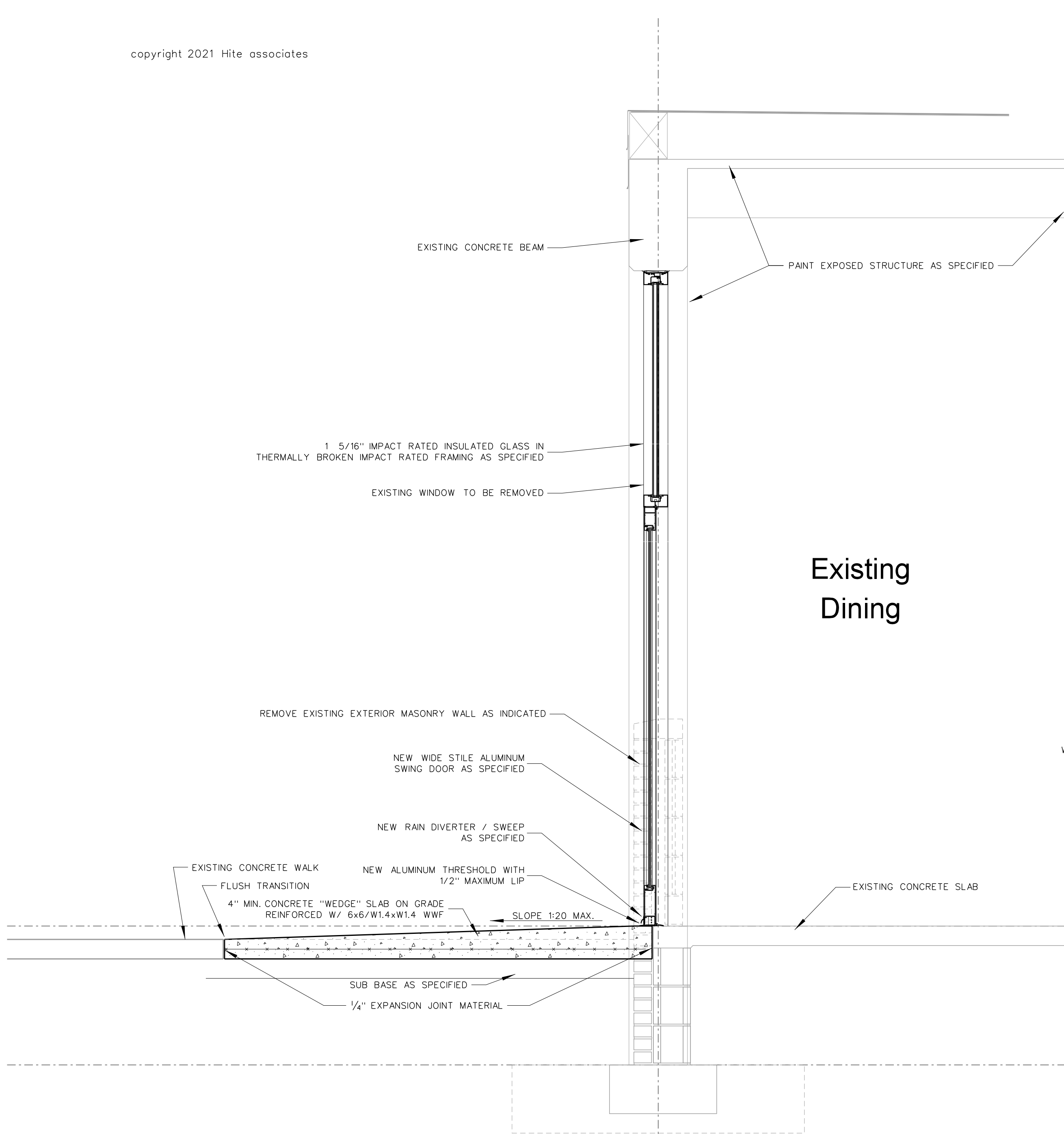
No.	Date	Revision

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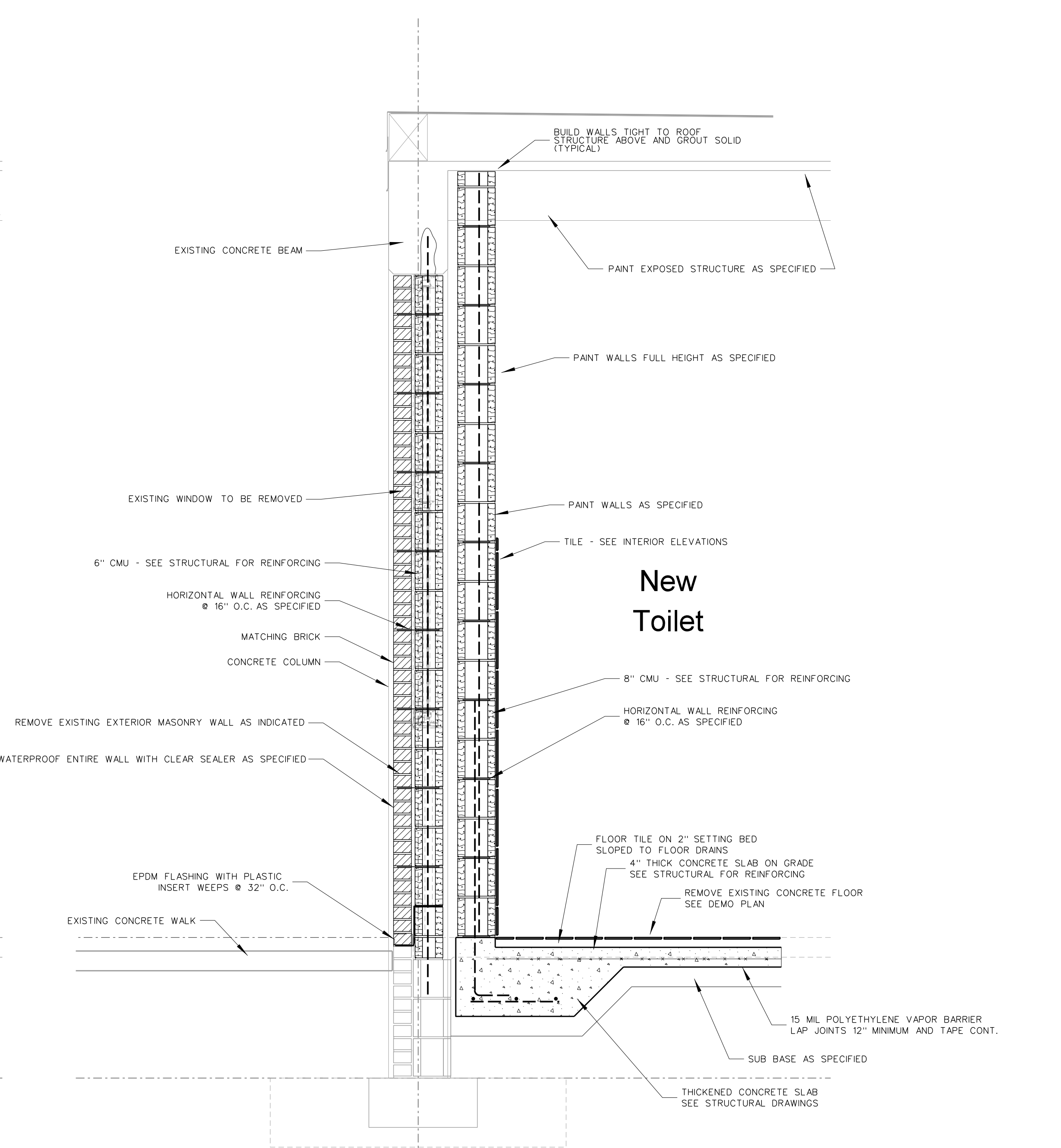


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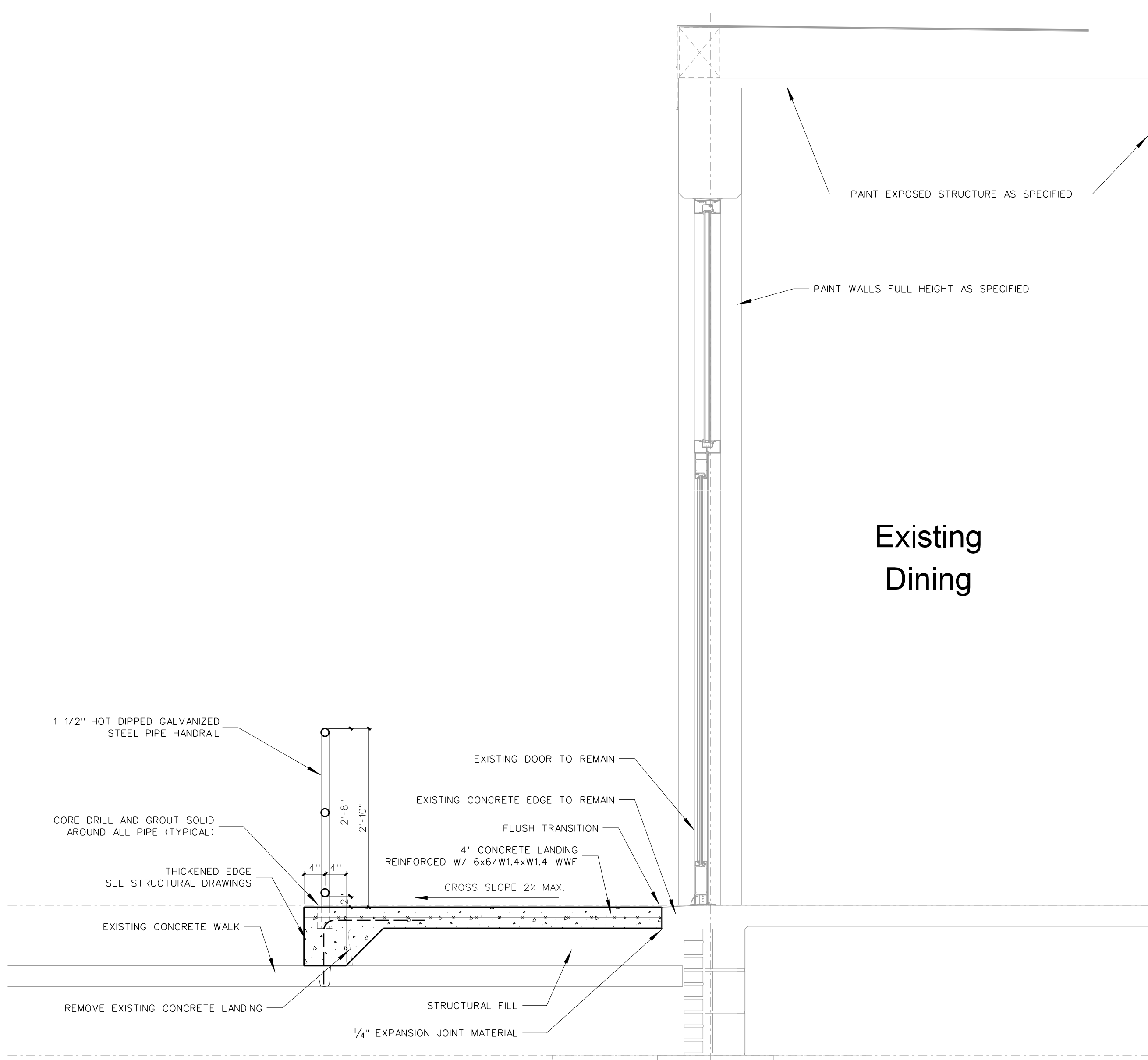
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Date: 18 August 2022
Drawing no. **A 1102**



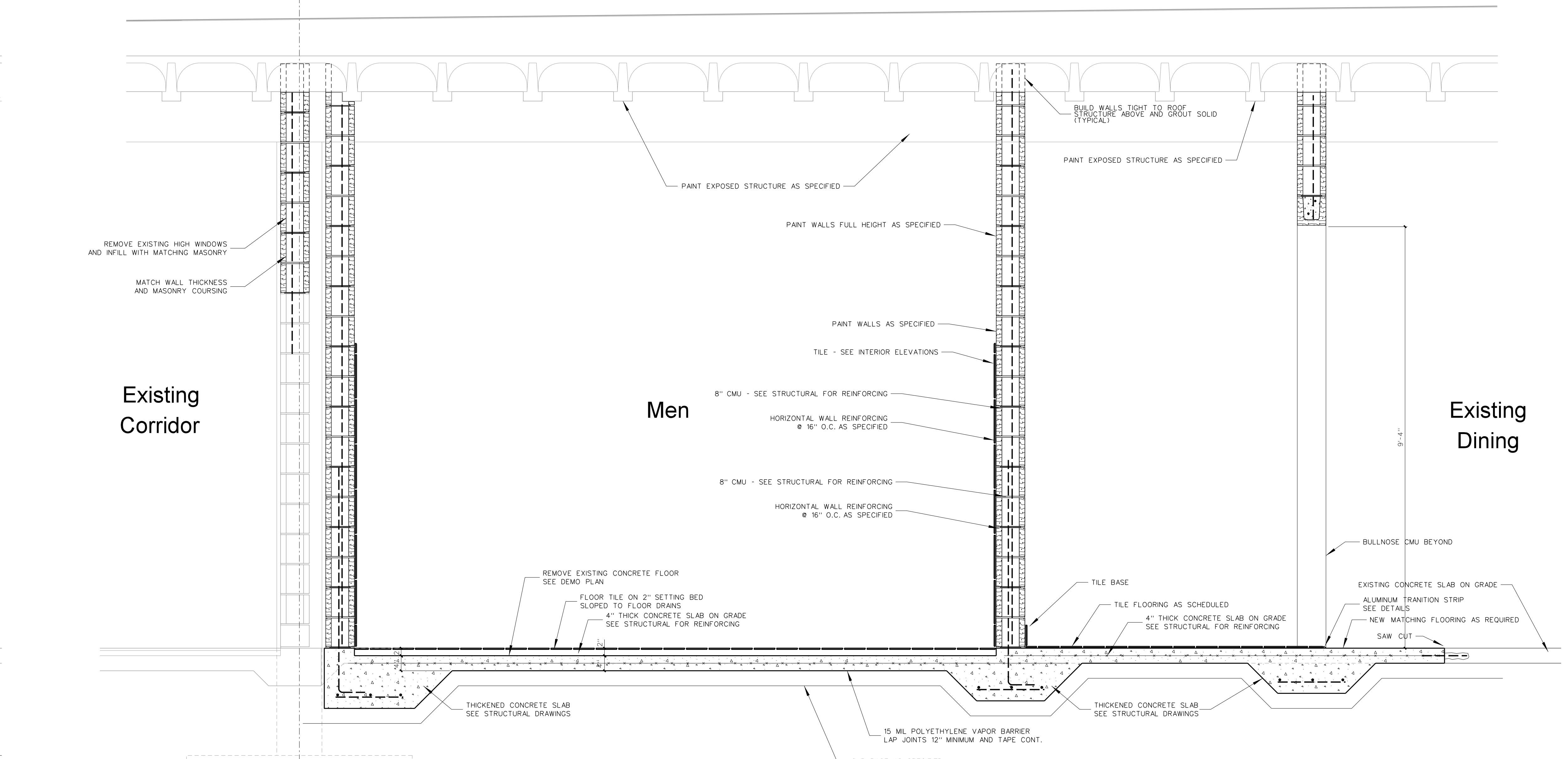
1104.4 SECTION AT NEW CAFETERIA ENTRY
SCALE: 3/4" = 1'-0"



1104.3 SECTION AT NEW CAFETERIA TOILET
SCALE: 3/4" = 1'-0"



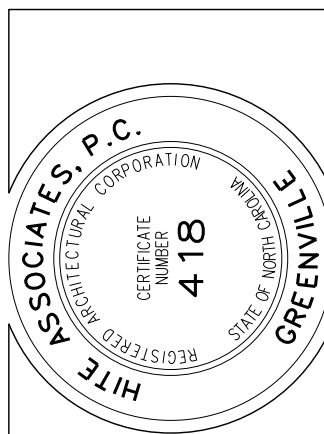
1104.2 SECTION AT NEW CAFETERIA RAMP
SCALE: 3/4" = 1'-0"



1104.1 SECTION AT NEW CAFETERIA TOILETS
SCALE: 3/4" = 1'-0"

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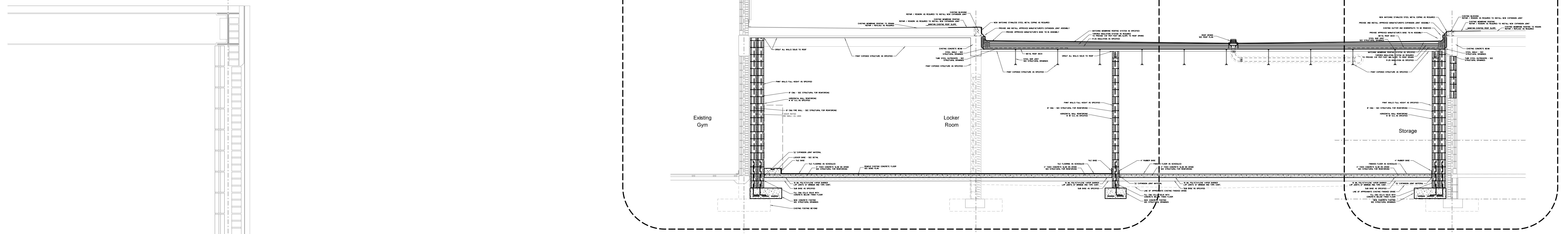


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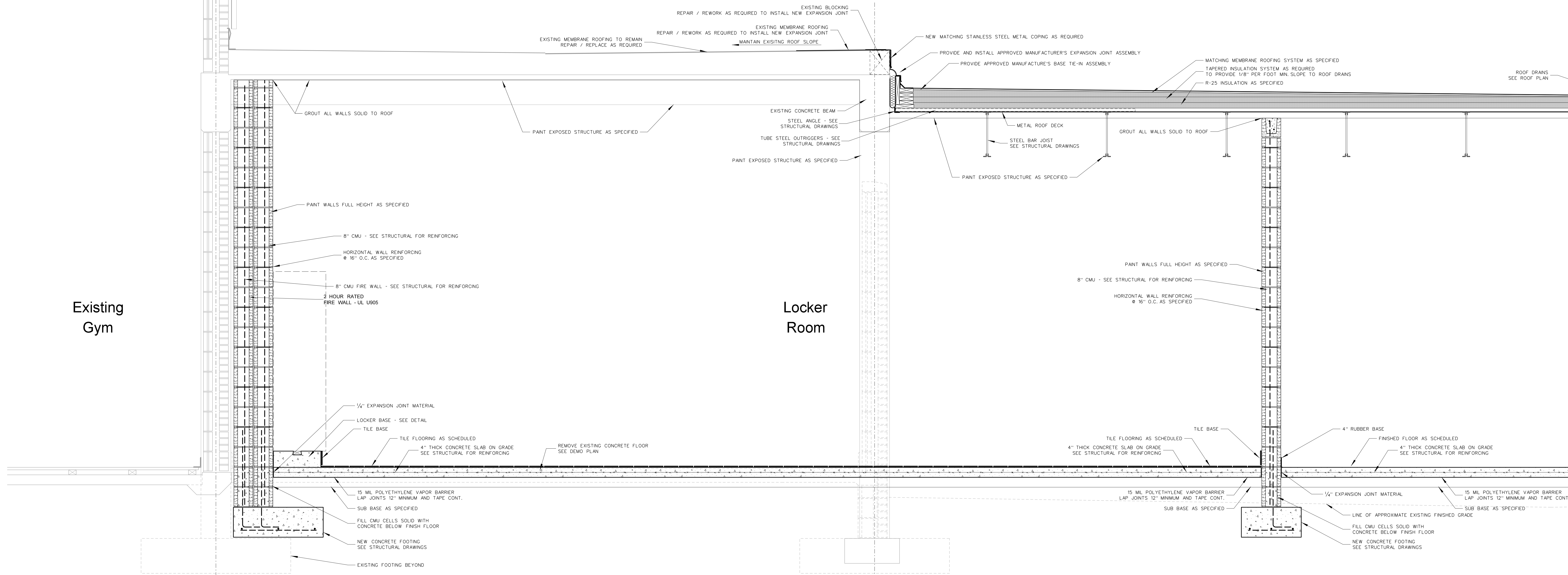
Project No. 22112
Date: 18 August 2022
Drawing No. **A 1104**

A-1105.1

A-1106.2



1105.2 CROSS SECTION AT RENOVATED LOCKER ROOMS
SCALE: 1/4" = 1'-0"



1105.1 SECTION AT RENOVATED LOCKER ROOMS
SCALE: 3/4" = 1'-0"

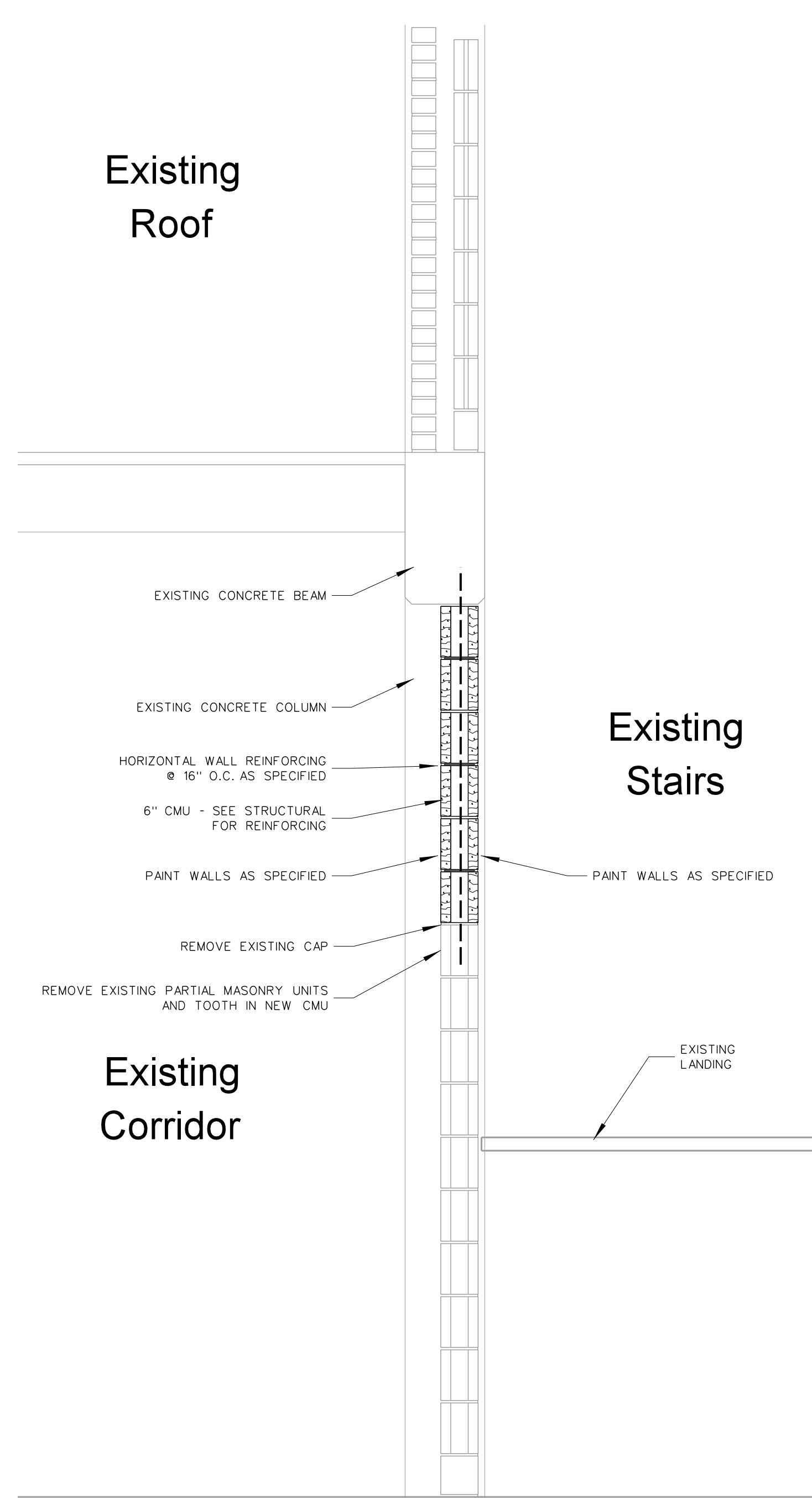
No.	Date	Revision

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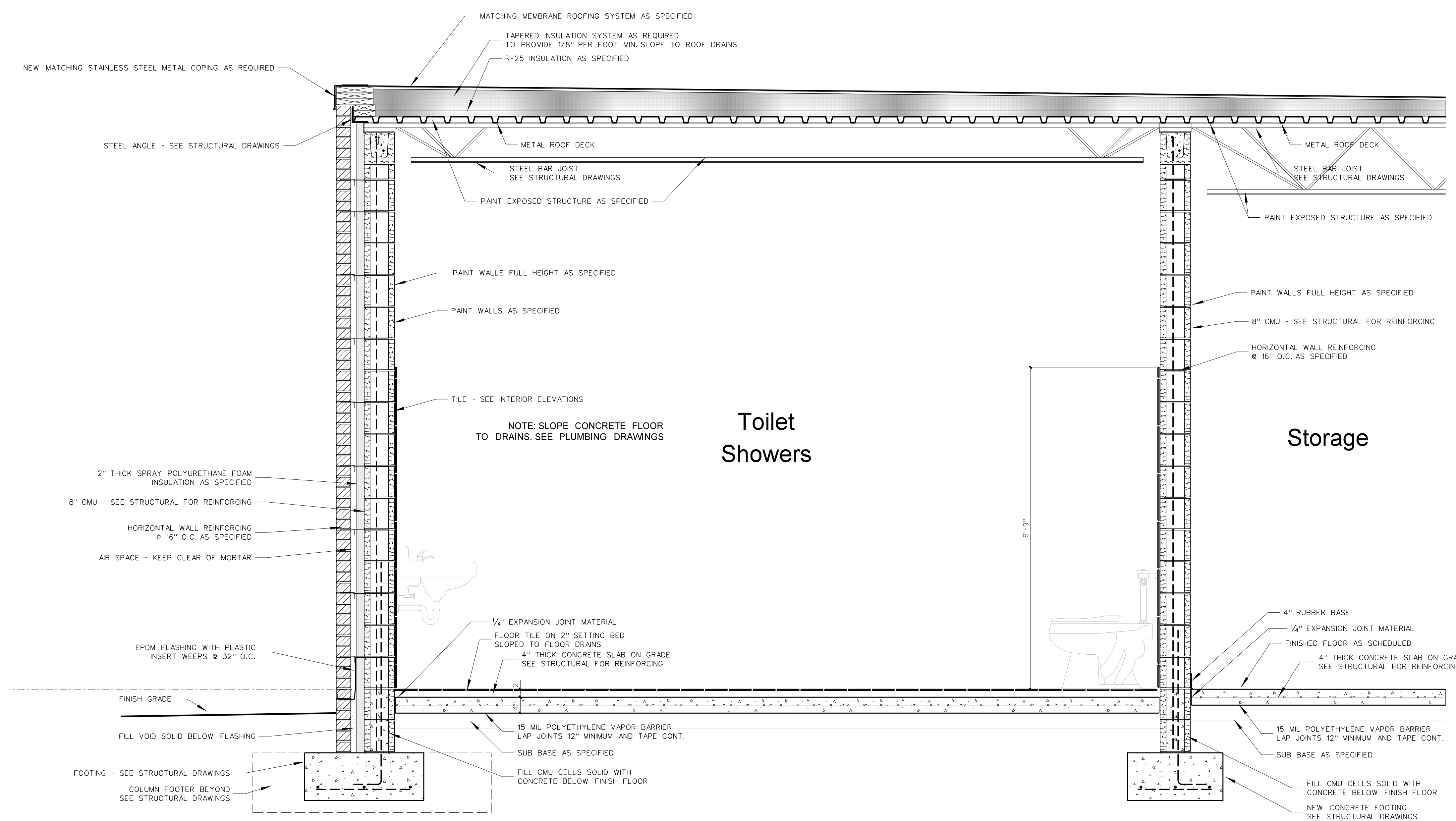


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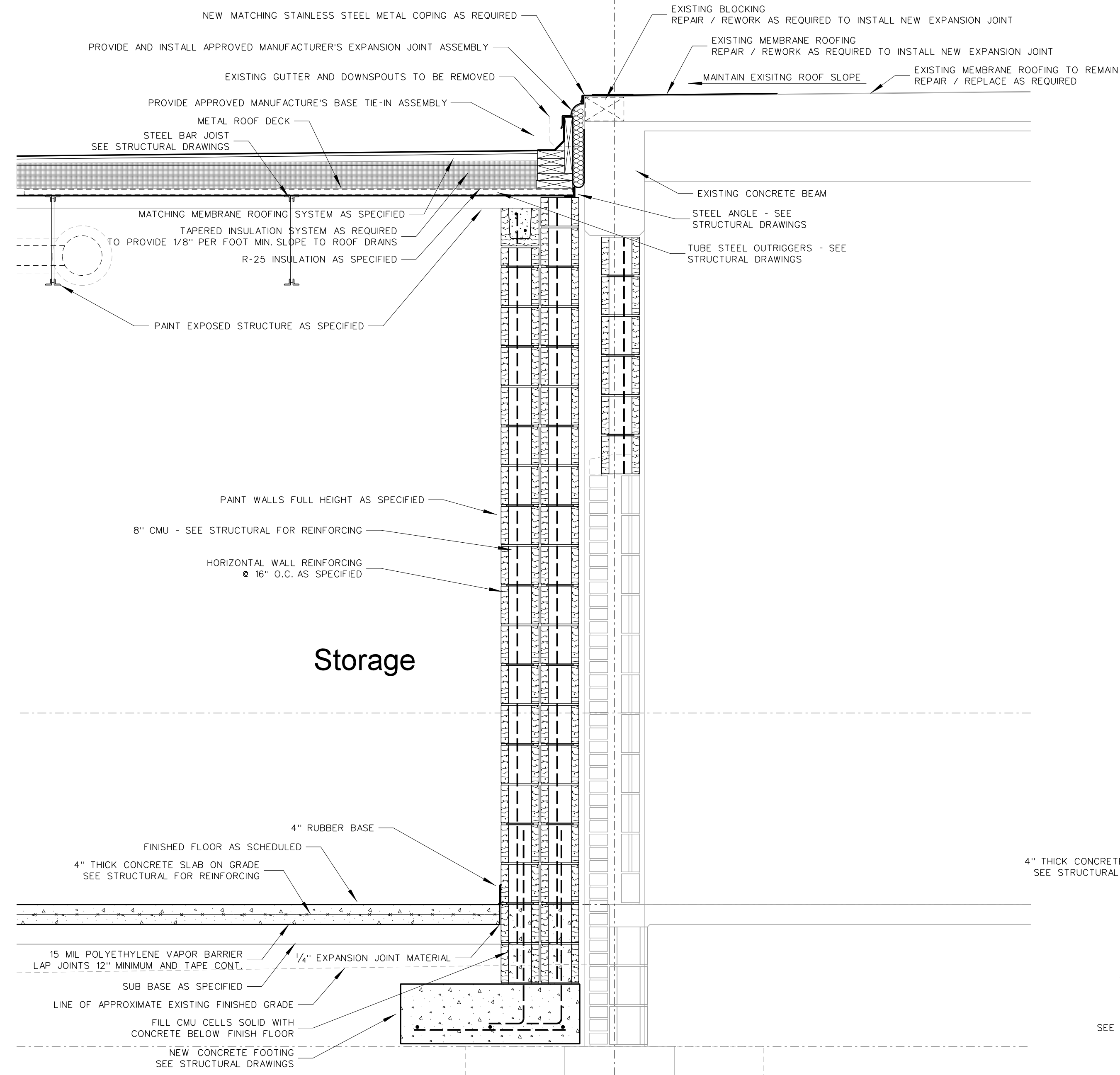
Project No. 22112
 Date: 18 August 2022
 Drawing No. **A 1105**



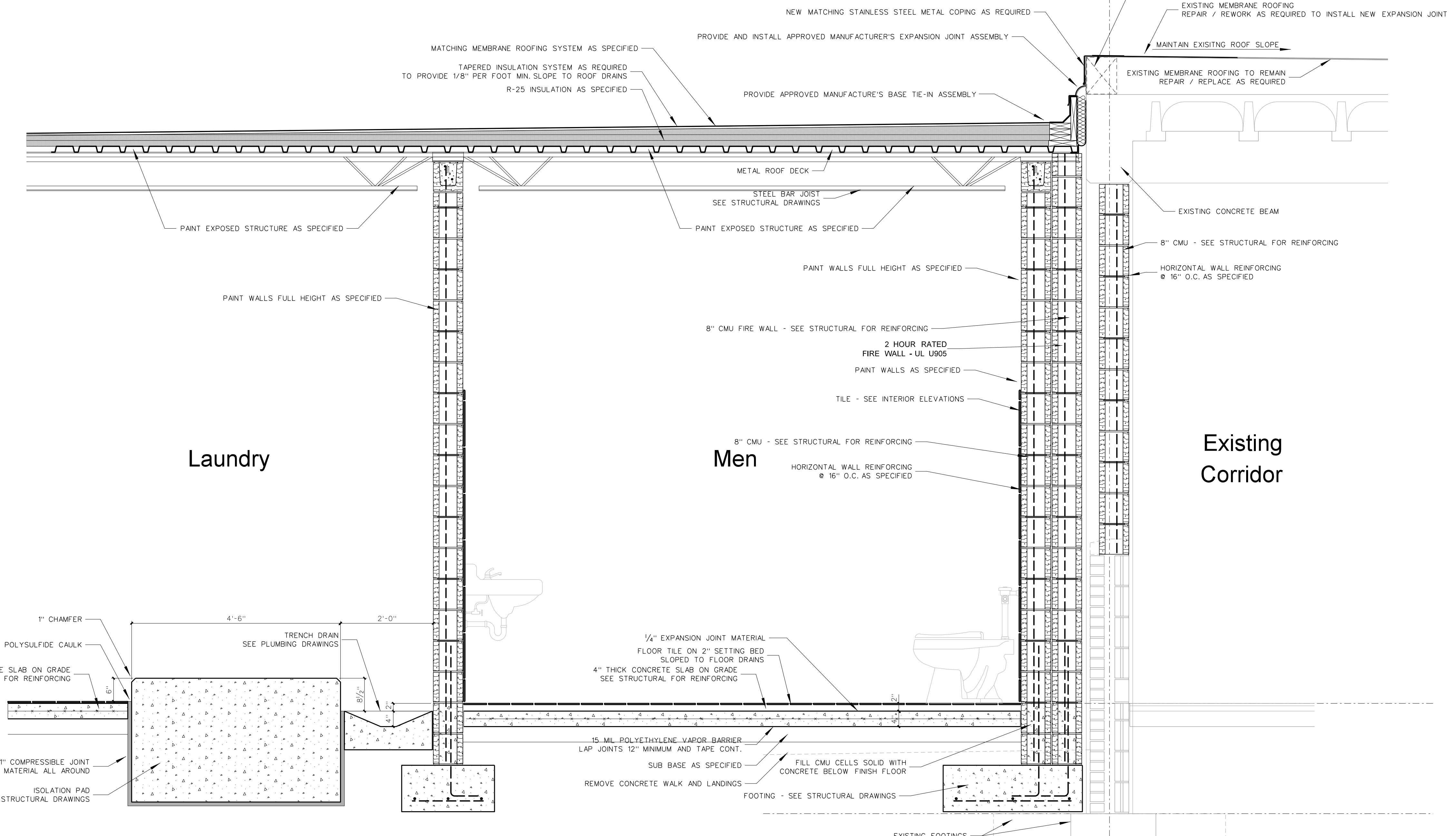
1106.4 SECTION AT RATED STAIR INFILL
SCALE: 3/4" = 1'-0"



1106.3 SECTION AT NEW LOCKER ROOM TOILETS
SCALE: 3/4" = 1'-0"

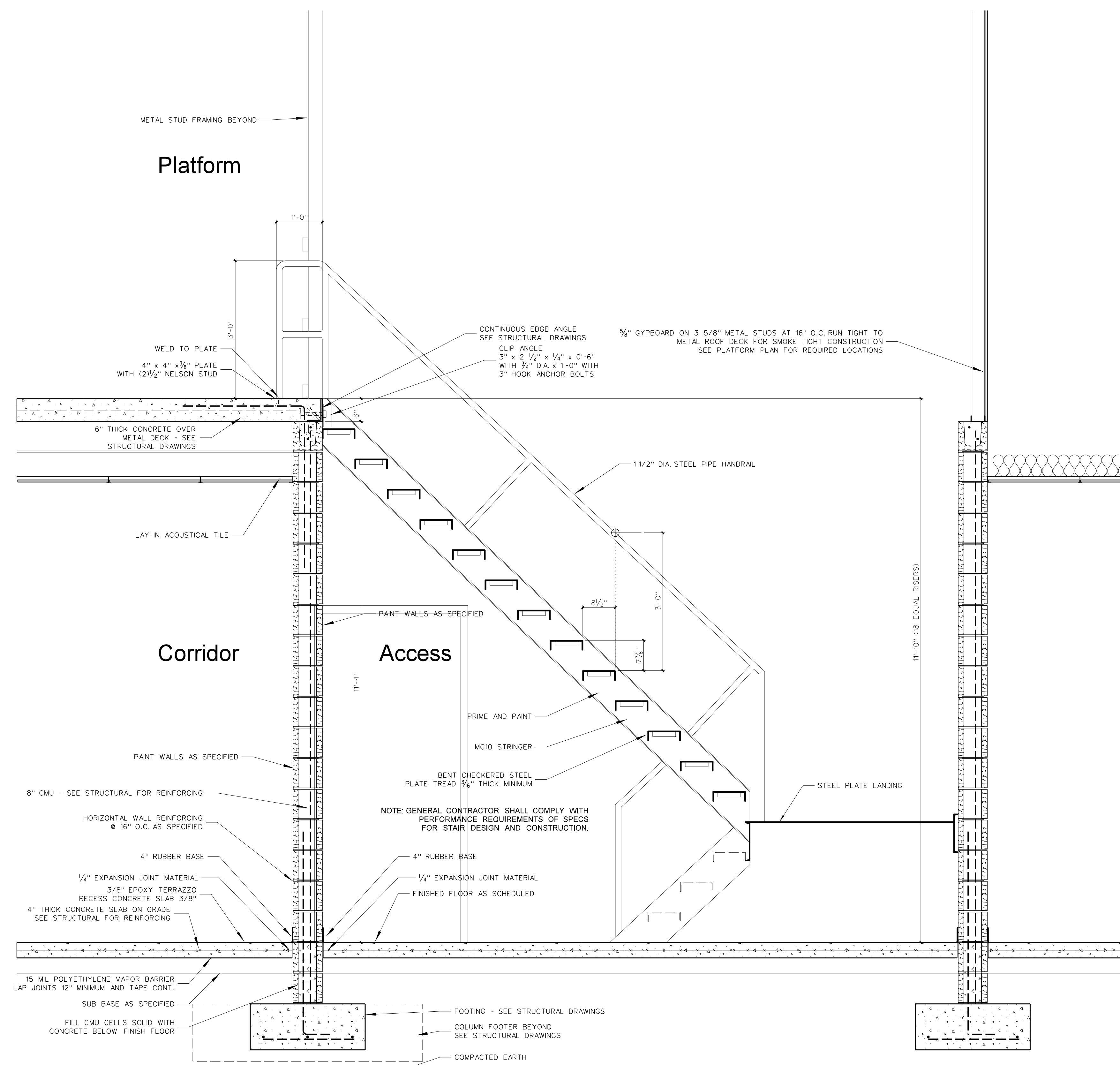


1106.2 SECTION AT NEW STORAGE / EXISTING EXTERIOR WALL
SCALE: 3/4" = 1'-0"

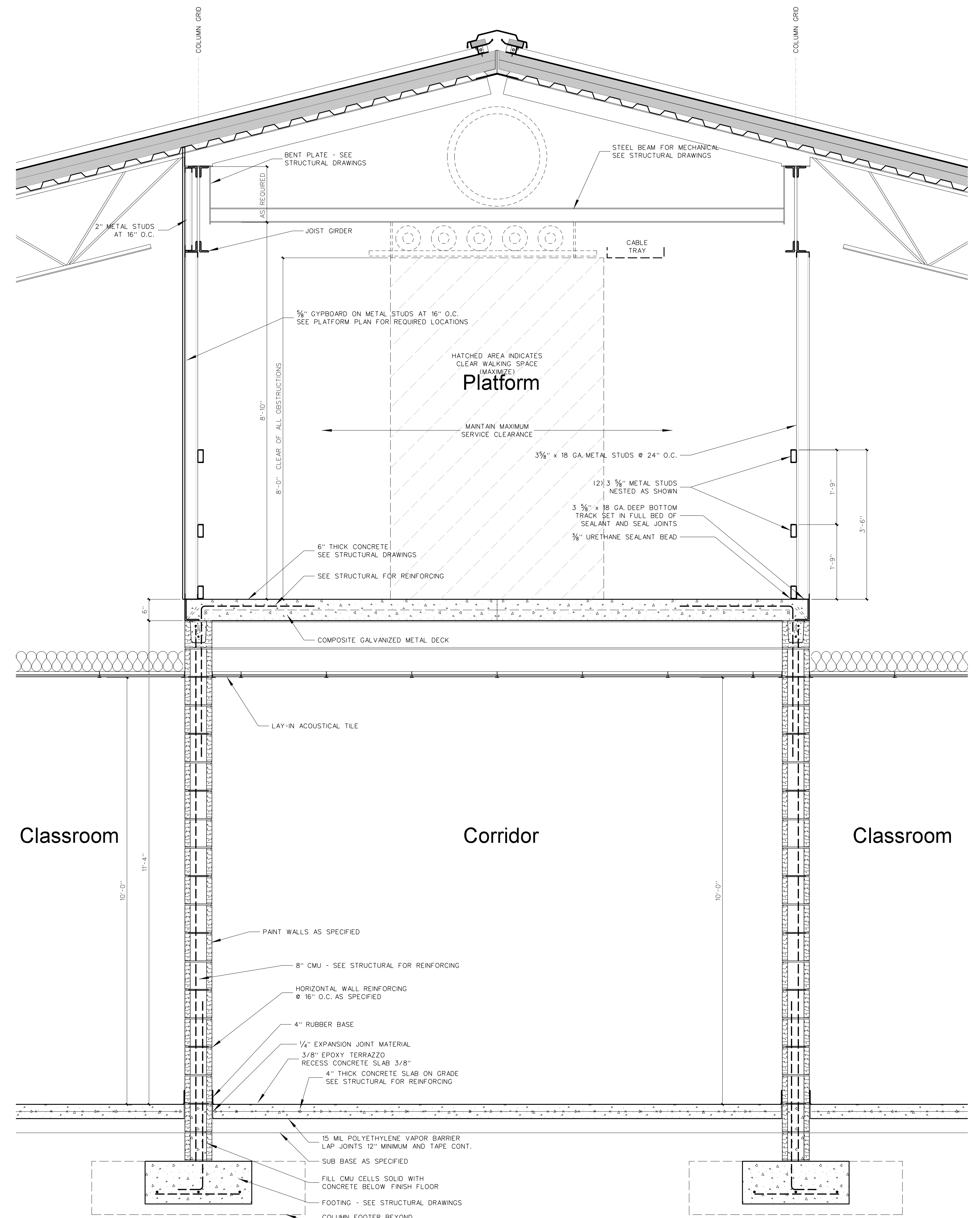


1106.1 SECTION AT NEW TOILETS / LAUNDRY
SCALE: 3/4" = 1'-0"

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1108.2 SECTION AT PLATFORM ACCESS
SCALE: 3/4" = 1'-0"



1108.1 SECTION AT CLASSROOM CORRIDOR
SCALE: 3/4" = 1'-0"

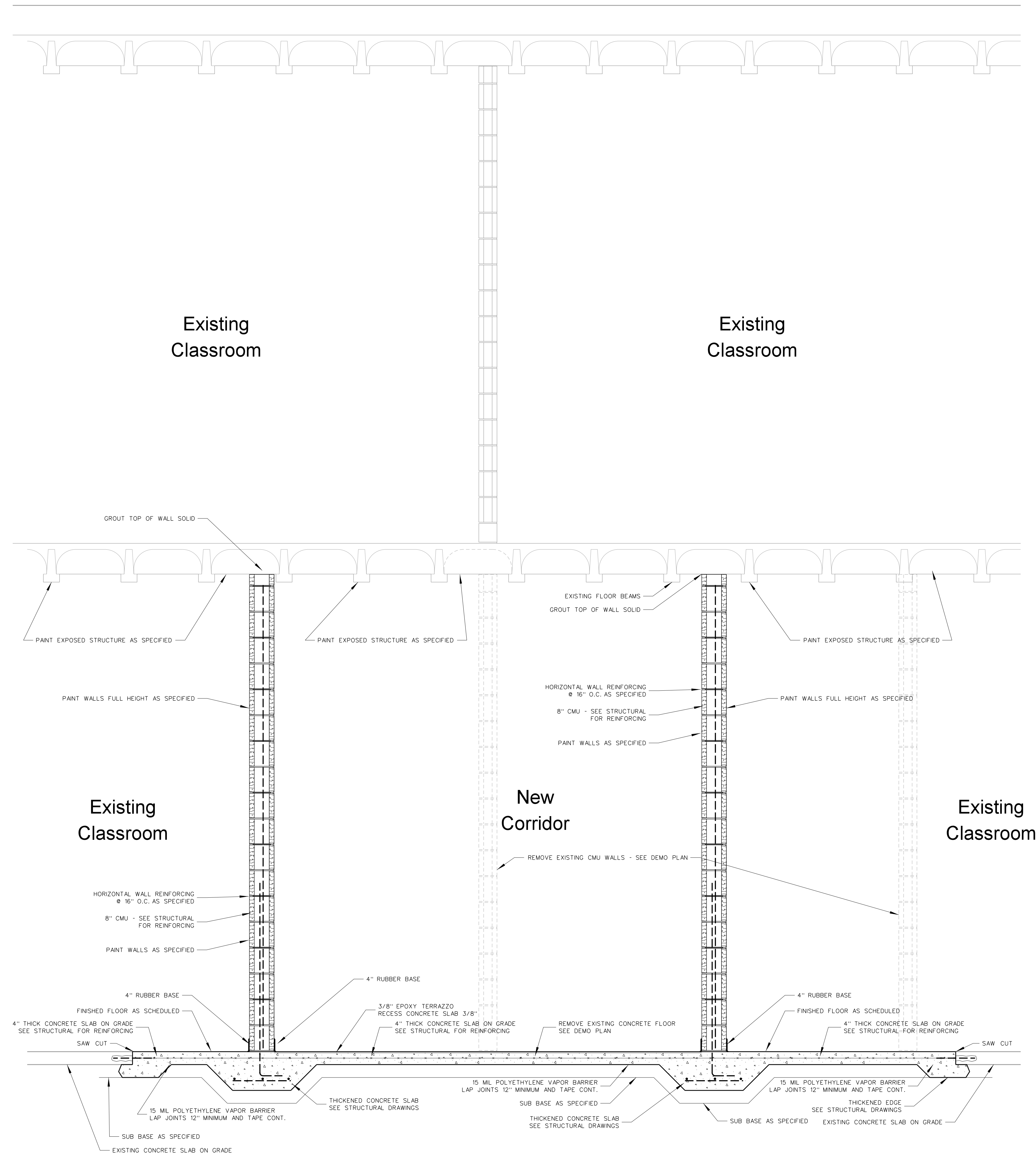
No.	Date	Revision

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1111.1 SECTION AT NEW CORRIDOR
 SCALE: 3/4" = 1'-0"

No.	Date	Revision

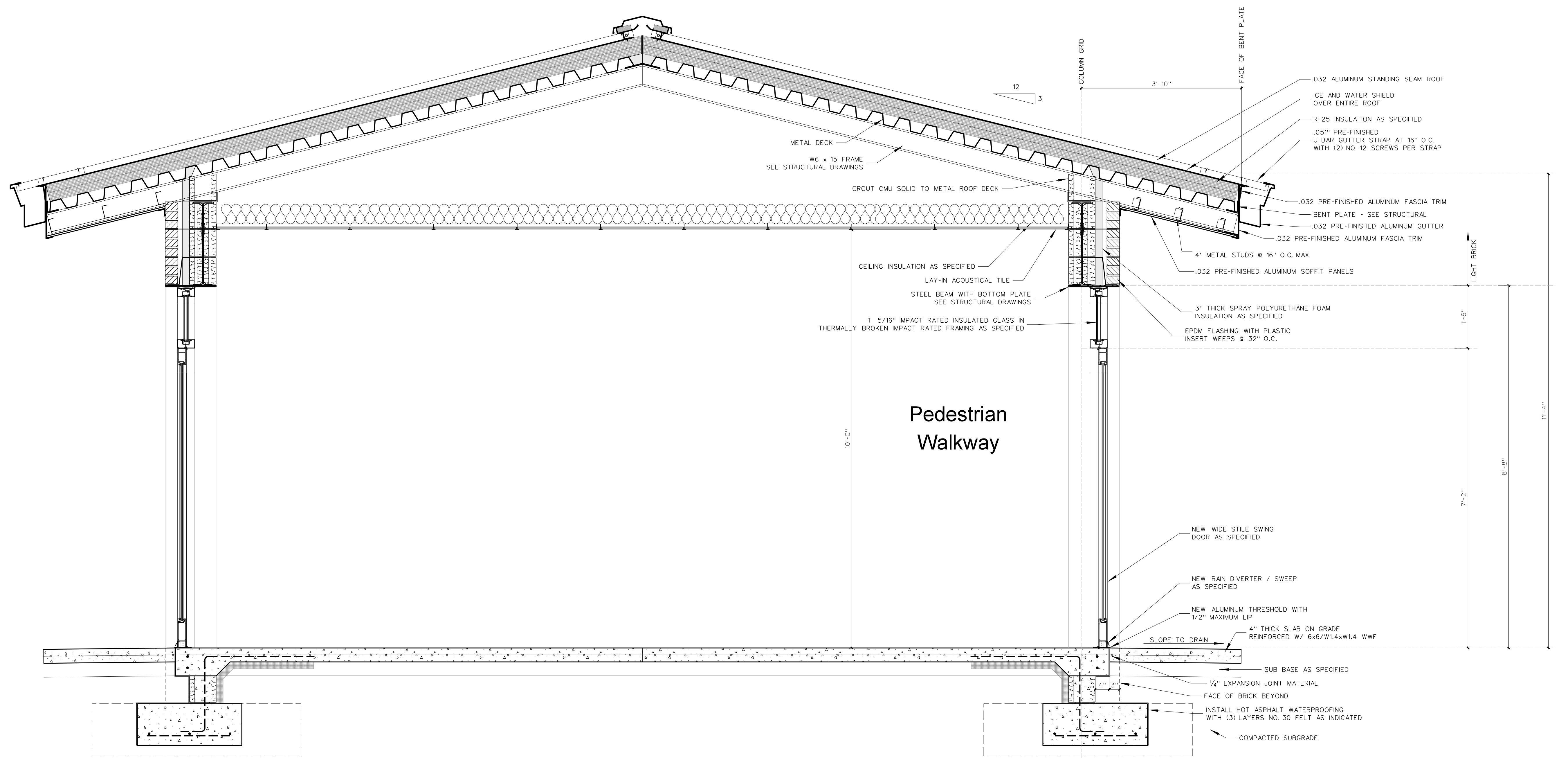
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 REGISTERED PROFESSIONAL ARCHITECT
 NUMBER 418
 STATE OF NORTH CAROLINA
 GREENVILLE

JAMES GRAY HITE
 REGISTERED ARCHITECT
 NUMBER 5113
 STATE OF NORTH CAROLINA
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1113.1 SECTION AT NEW PEDESTRIAN WALKWAY
SCALE: 3/4" = 1'-0"

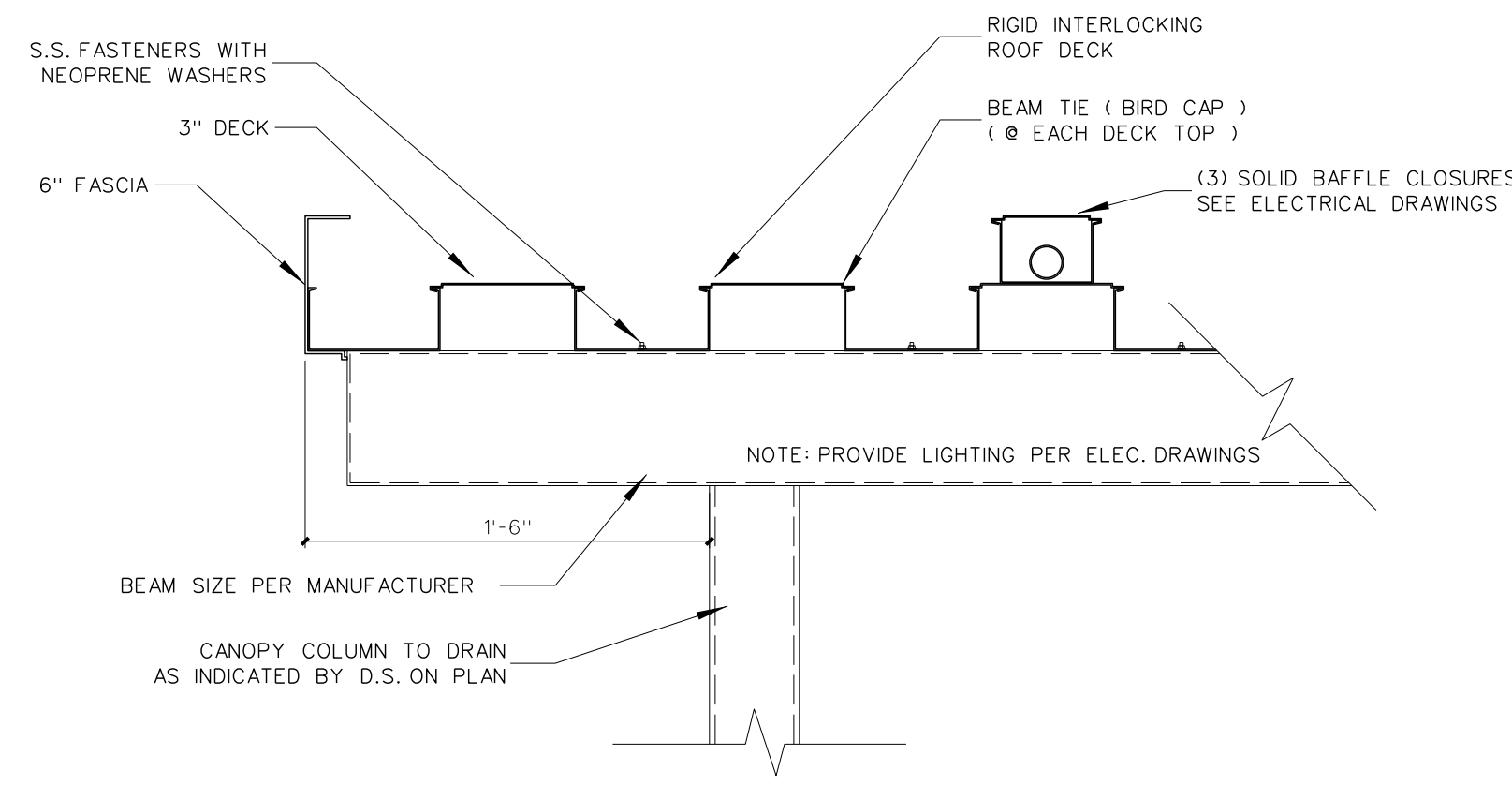
No.	Date	Revision

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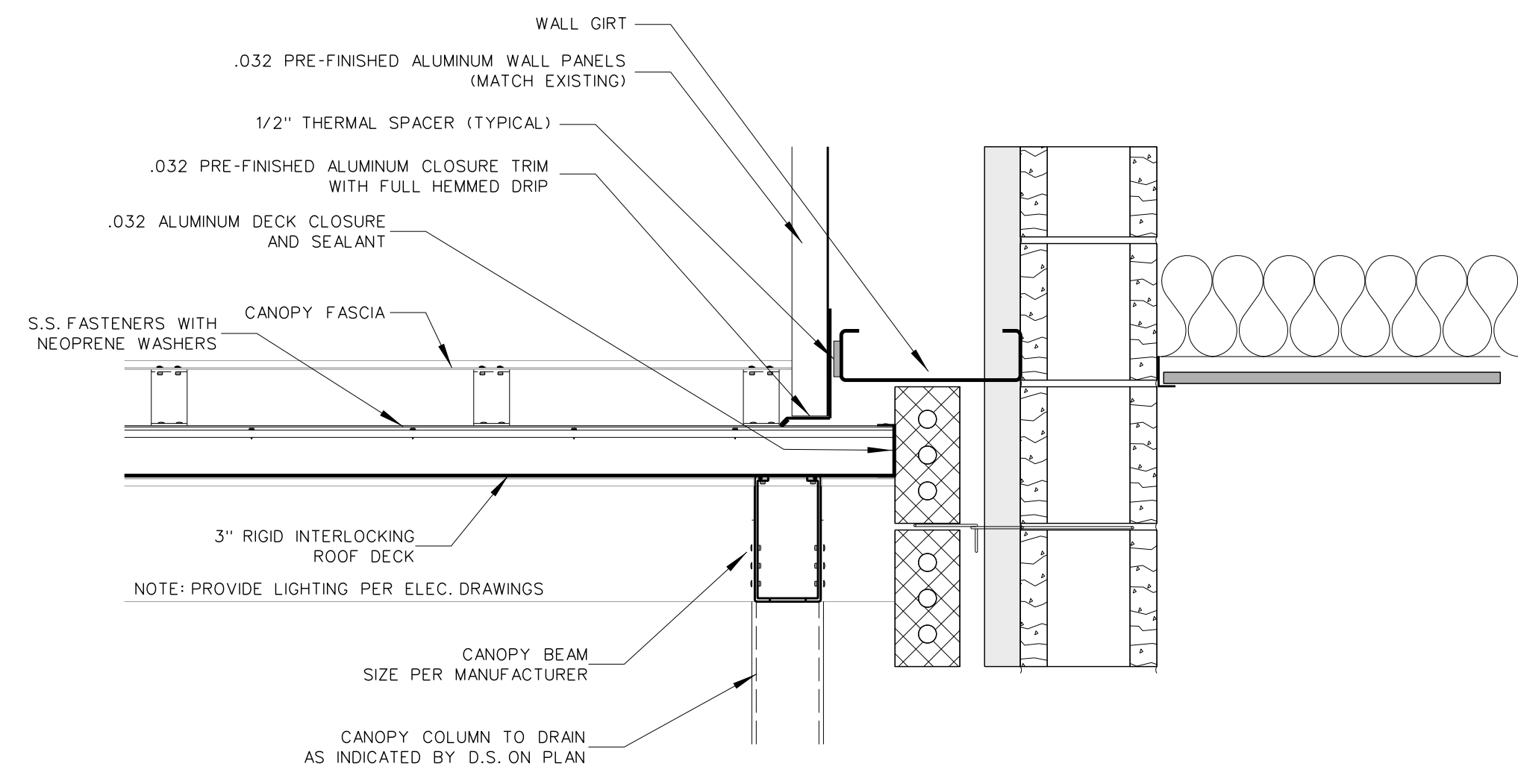
REGISTERED ARCHITECT
NUMBER 418
STATE OF NORTH CAROLINA
JAMES GRAY HITE
GREENVILLE

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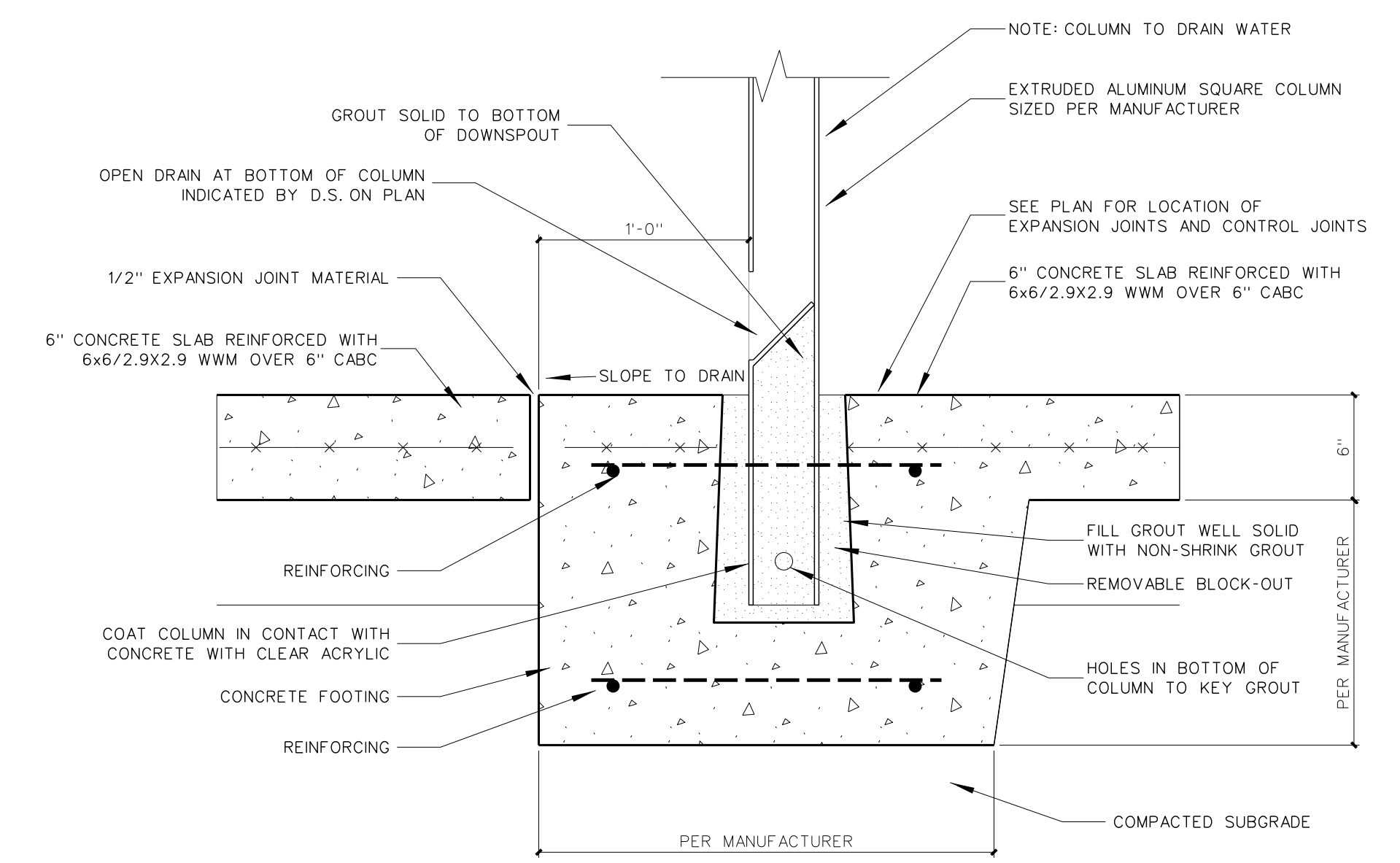
Project No. 22112
Date: 18 August 2022
Drawing no. **A 1113**



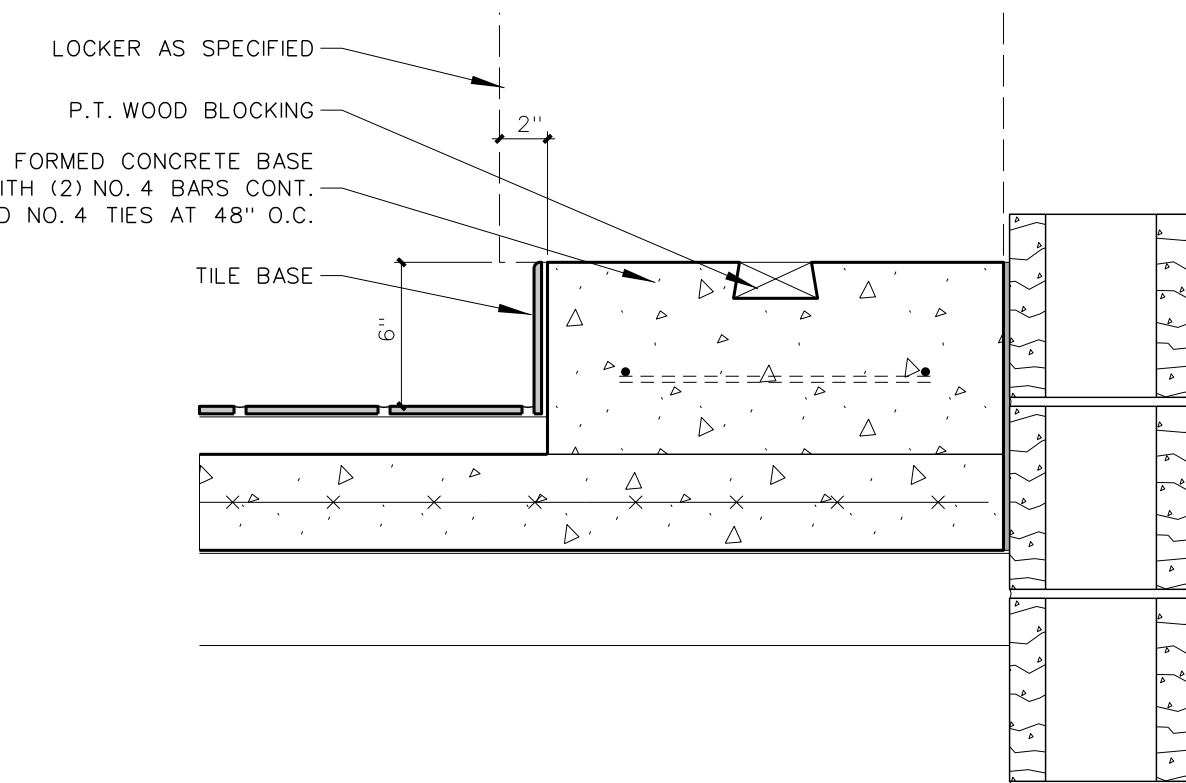
1115.4 ALUMINUM CANOPY DETAIL
SCALE: 1 1/2" = 1'-0"



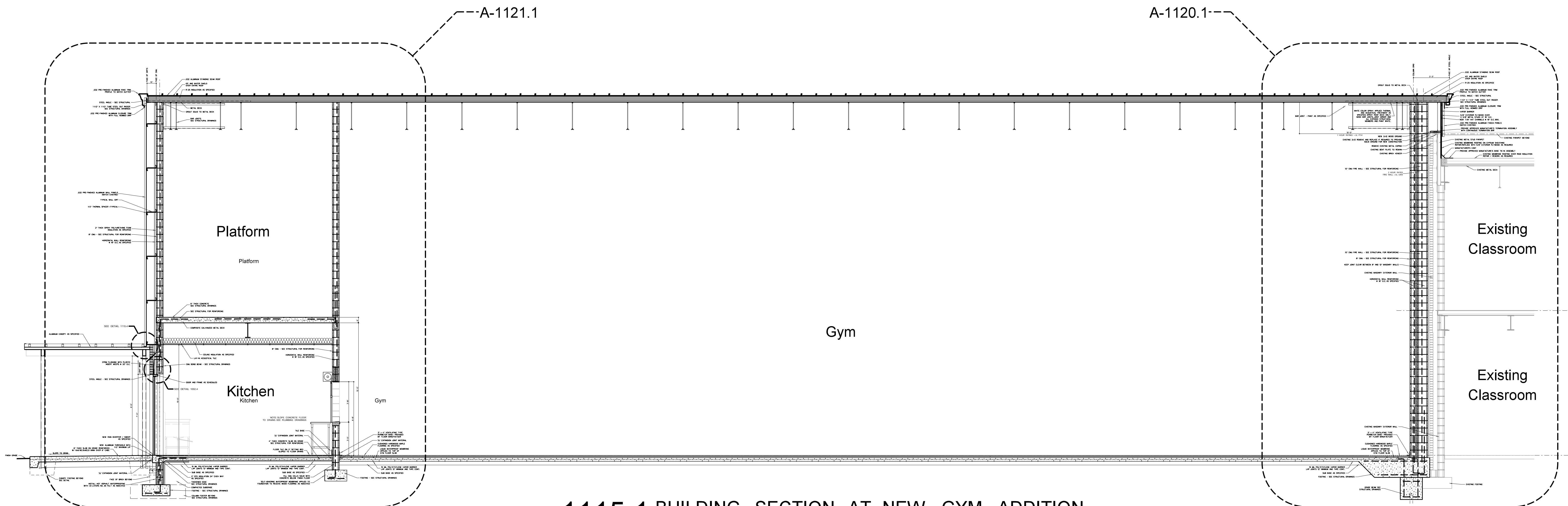
1115.4 ALUMINUM CANOPY FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



1115.3 ALUMINUM CANOPY FOOTING DETAIL
SCALE: 1 1/2" = 1'-0"



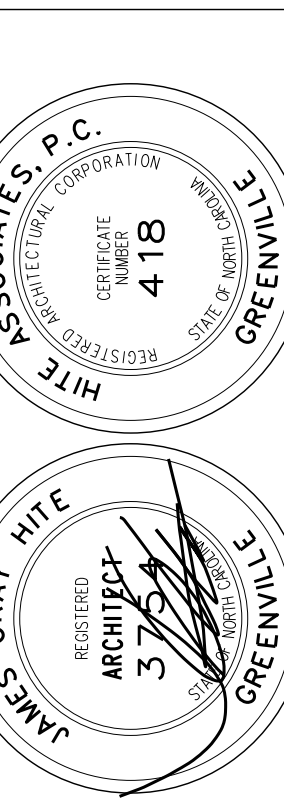
1115.2 LOCKER BASE DETAIL
SCALE: 1 1/2" = 1'-0"



1115.1 BUILDING SECTION AT NEW GYM ADDITION
SCALE: 1/4" = 1'-0"

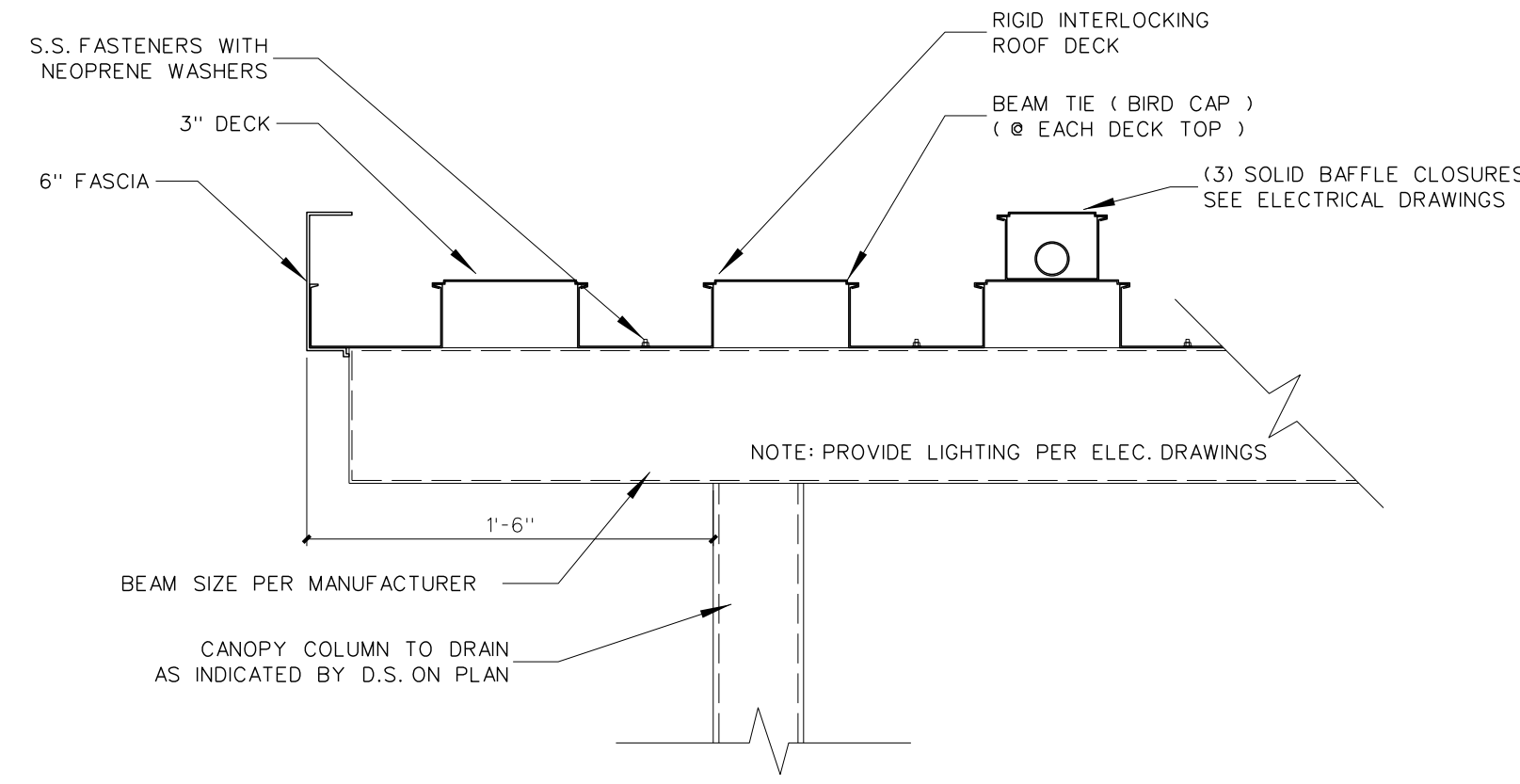
No.	Date	Revision

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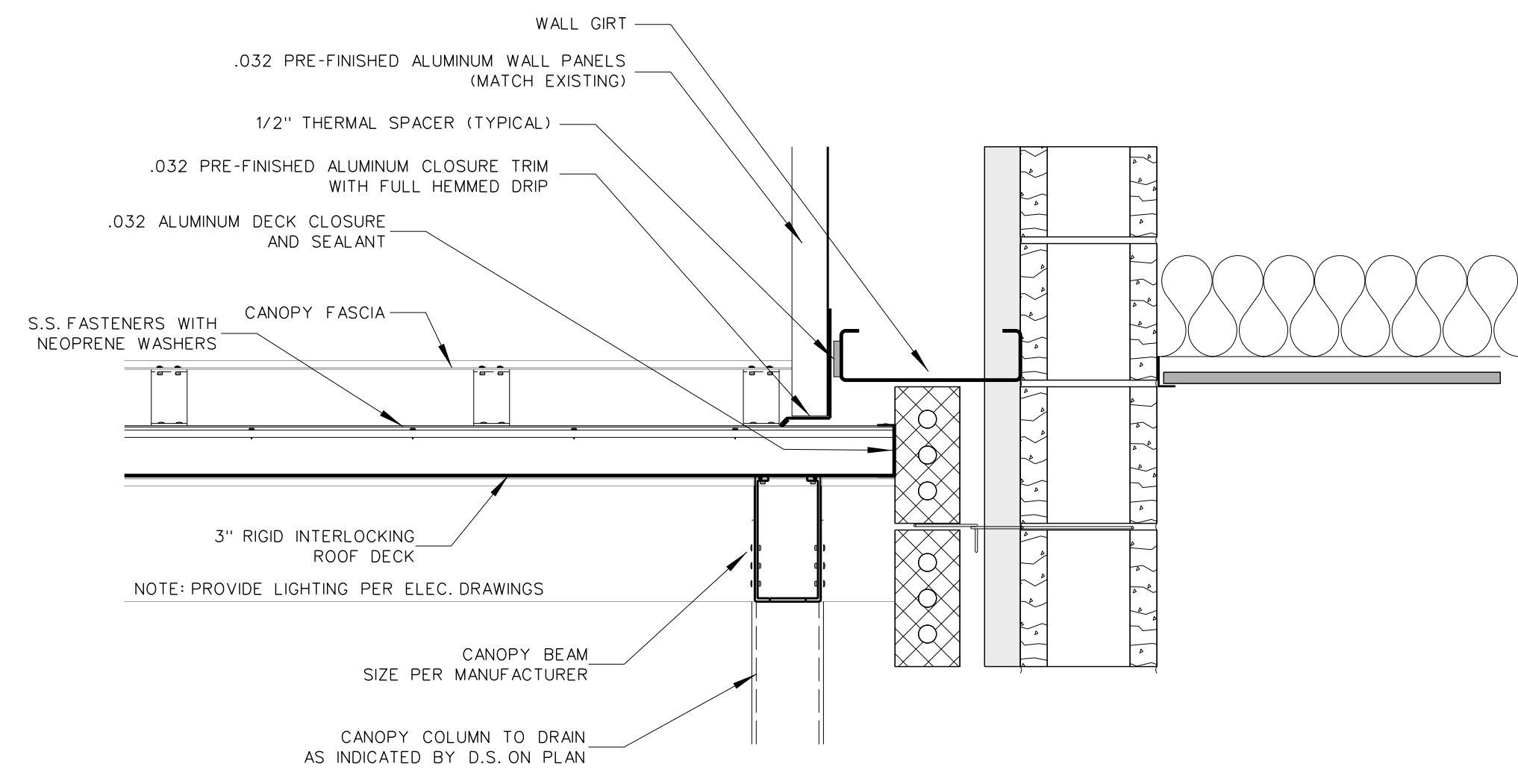


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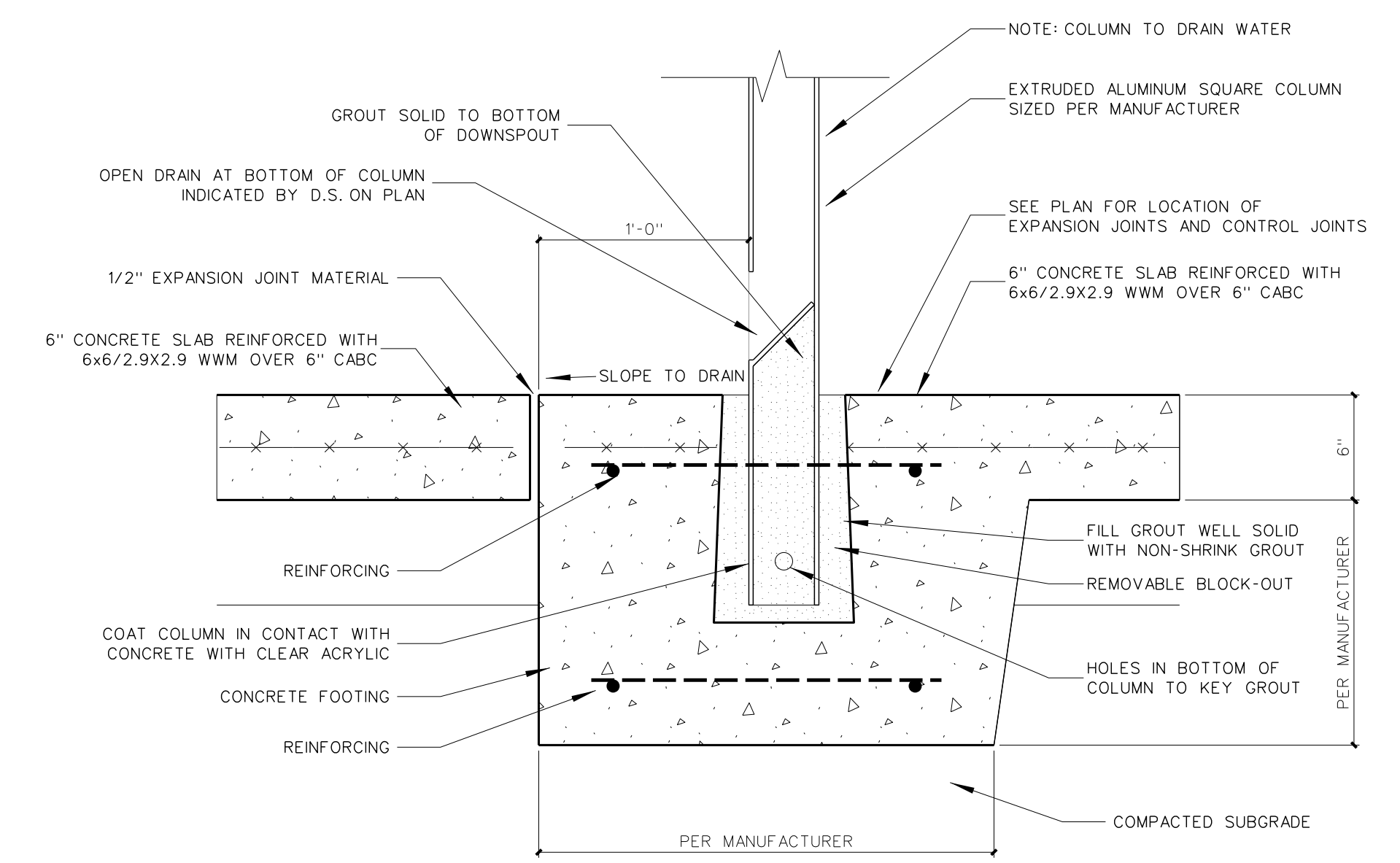
Project No. 22112
Date: 18 August 2022
Drawing No. **A 1115**



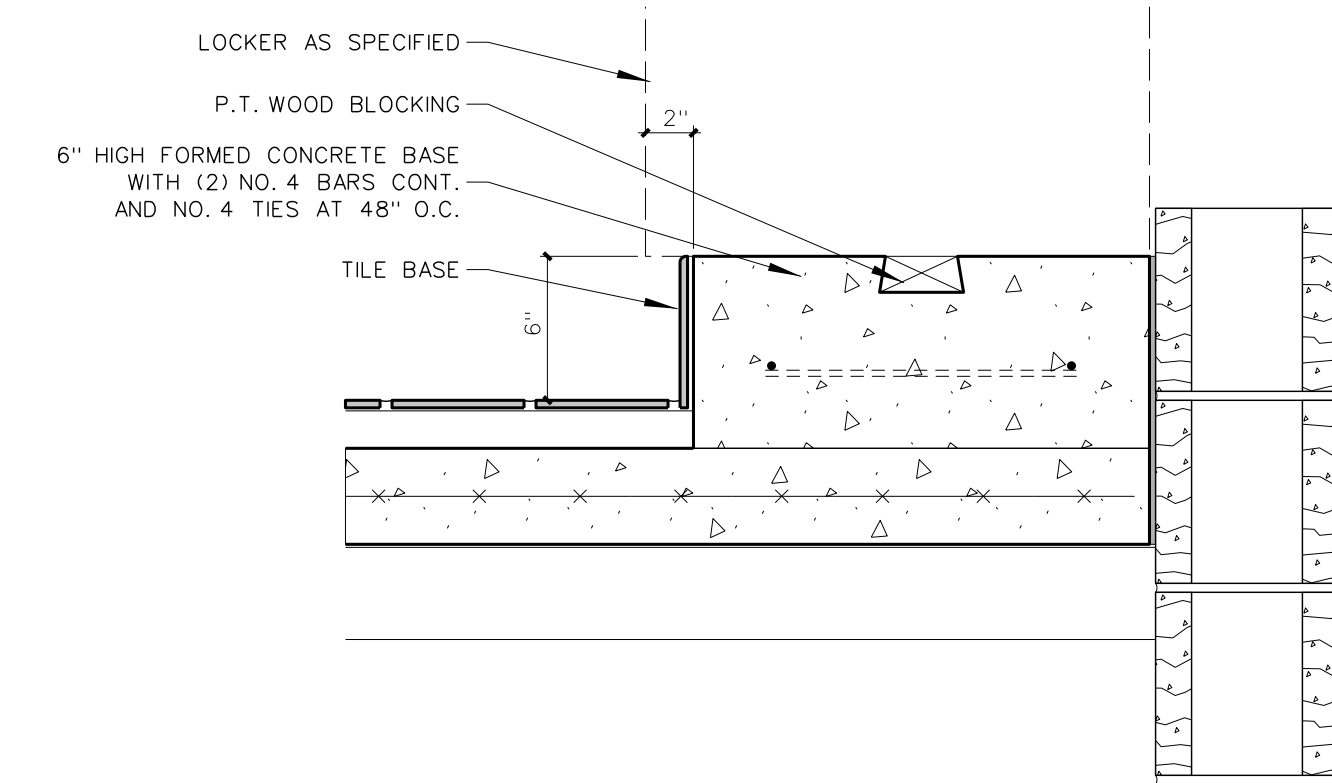
1115.4 ALUMINUM CANOPY DETAIL
SCALE: 1 1/2" = 1'-0"



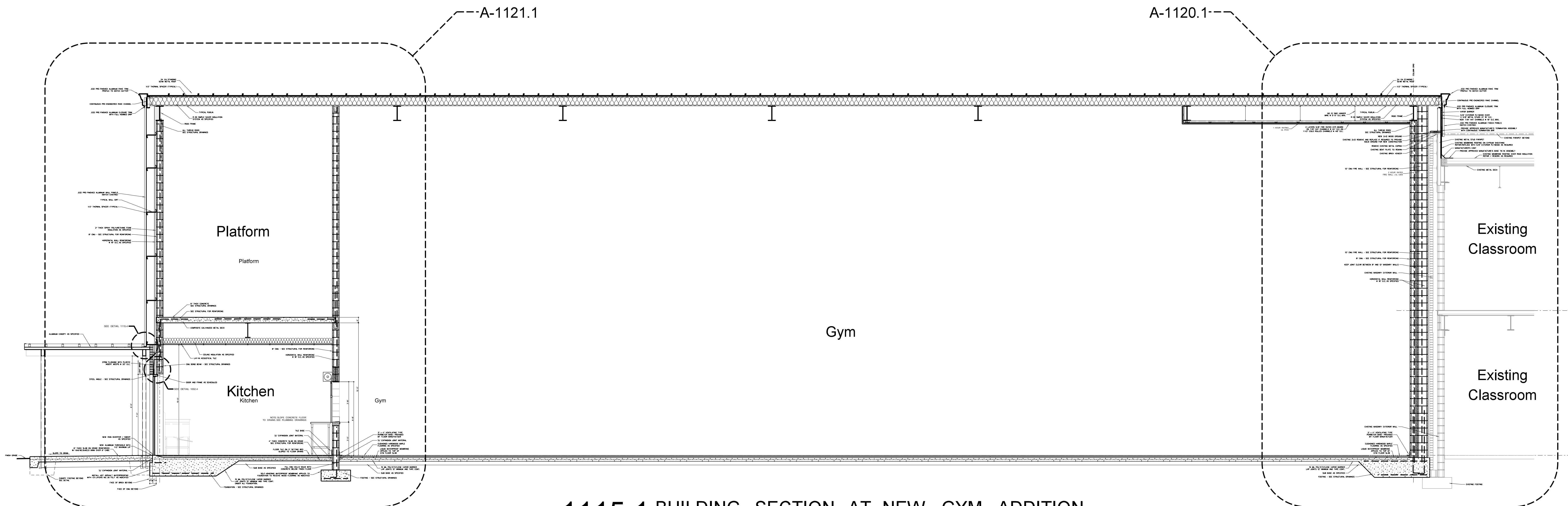
1115.4 ALUMINUM CANOPY FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



1115.3 ALUMINUM CANOPY FOOTING DETAIL
SCALE: 1 1/2" = 1'-0"



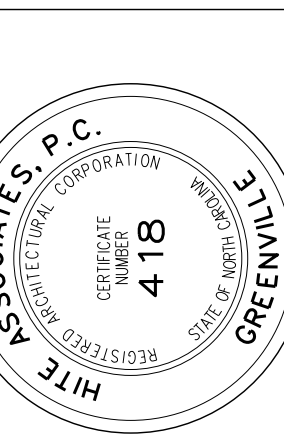
1115.2 LOCKER BASE DETAIL
SCALE: 1 1/2" = 1'-0"



1115.1 BUILDING SECTION AT NEW GYM ADDITION
SCALE: 1/4" = 1'-0"

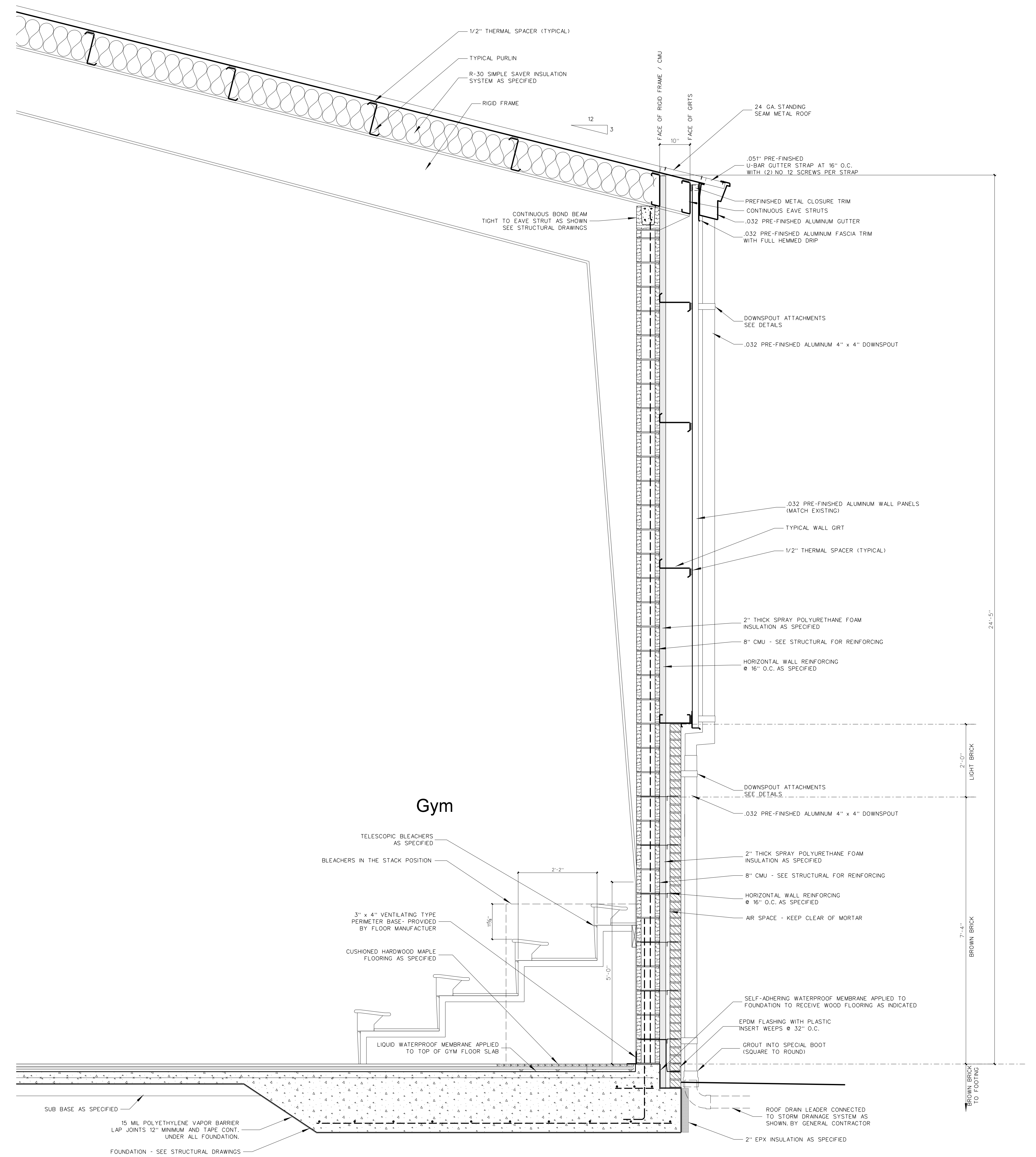
Revision	No.	Date

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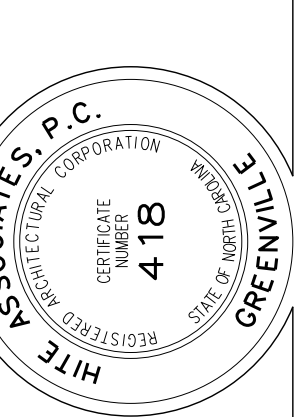
Project No. 22112
Date: 18 August 2022
Drawing No. **A 1115P**



1116.1 SECTION AT GYM EAVE (PRE-ENGINEERED ALTERNATE)
SCALE: 3/4" = 1'-0"

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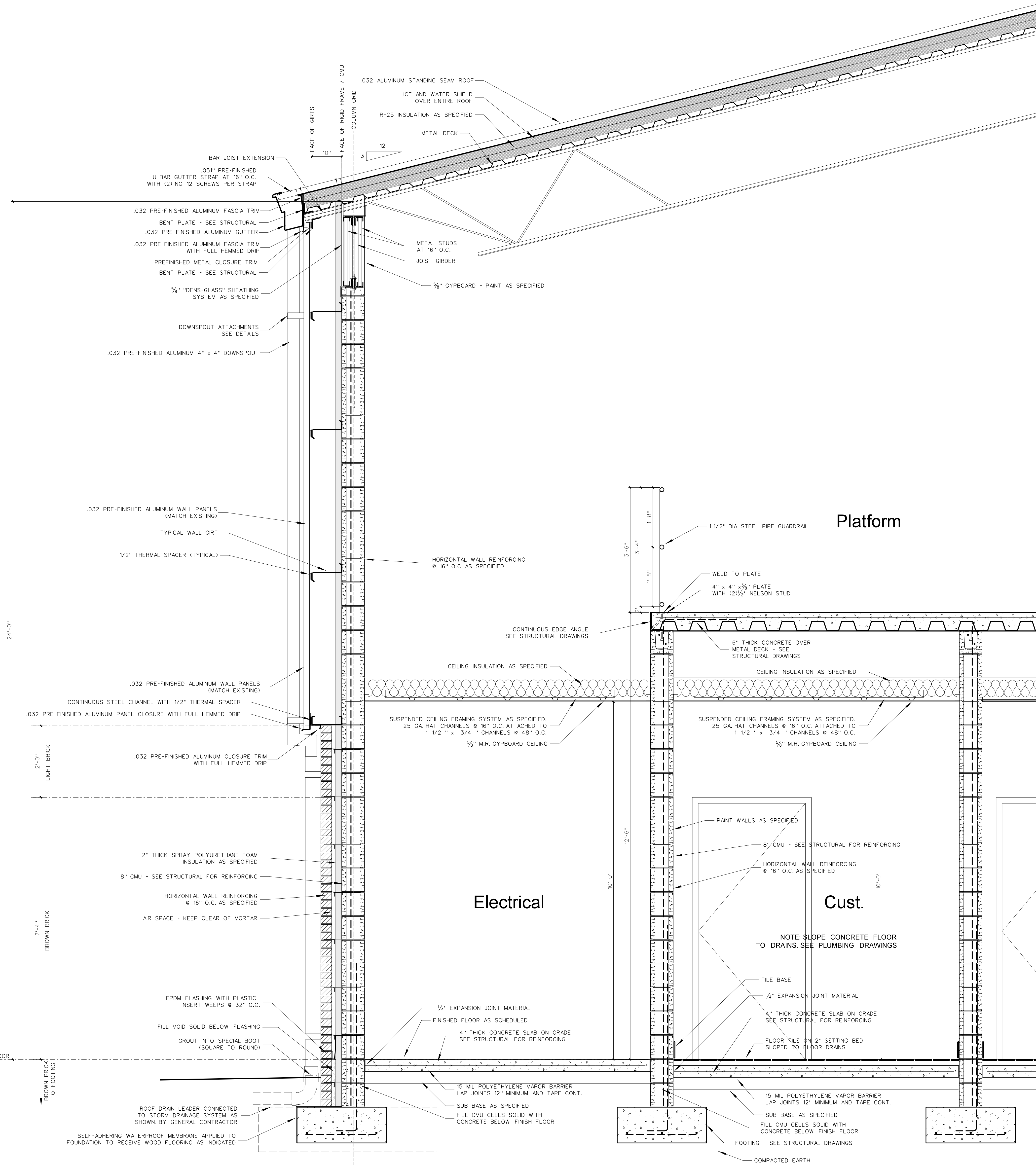
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Project No. 22112

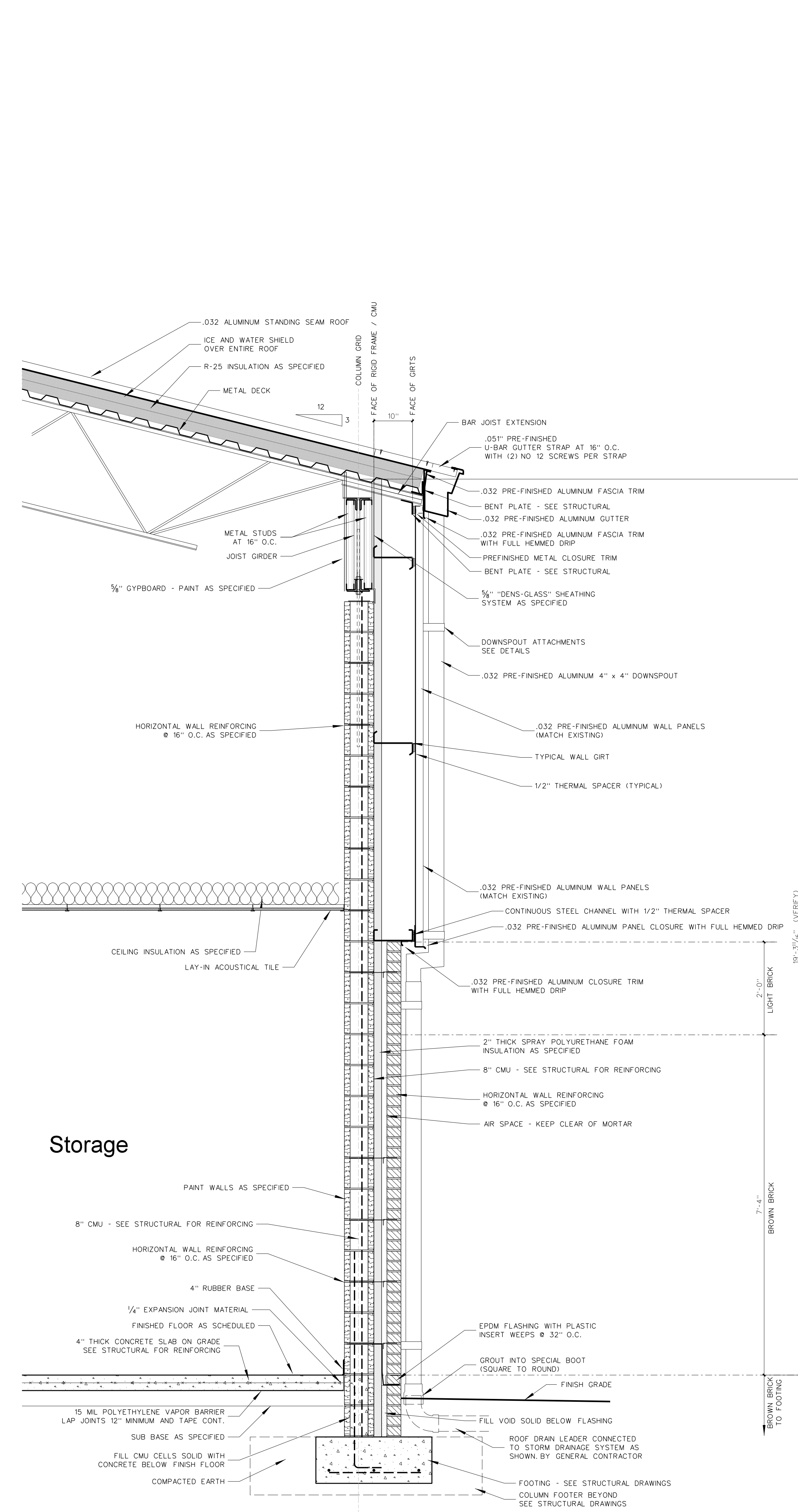
Date: 18 August 2022

Drawing no.

A
1116P



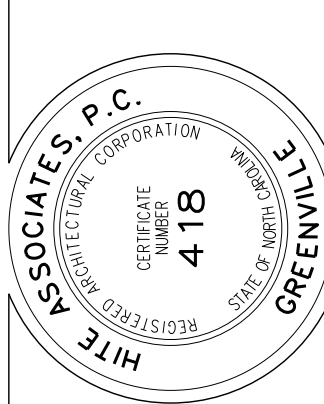
1118.2 SECTION AT GYM EAVE
SCALE: 3/4" = 1'-0"



1118.1 SECTION AT GYM EAVE
SCALE: 3/4" = 1'-0"

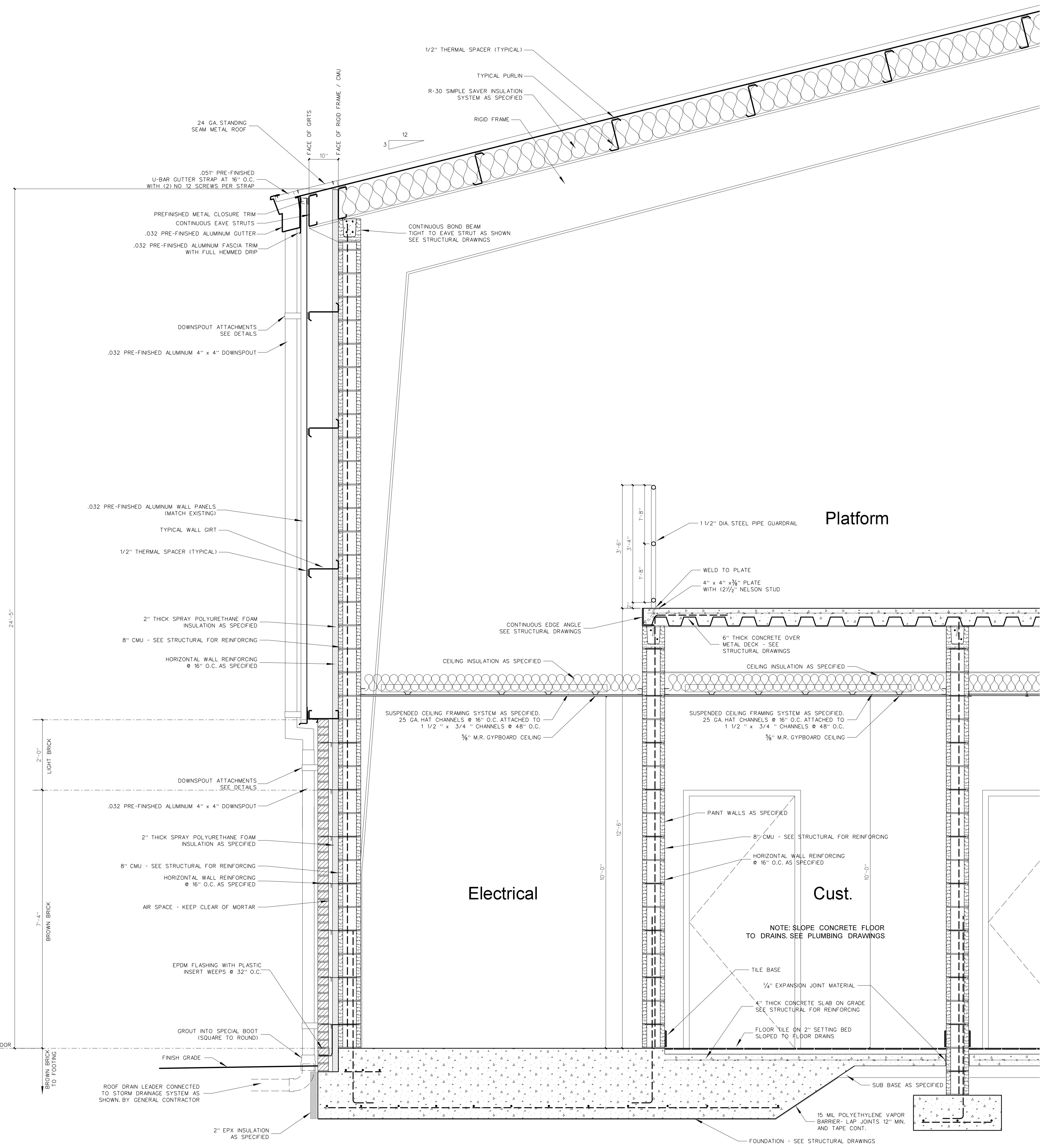
No.	Date	Revision

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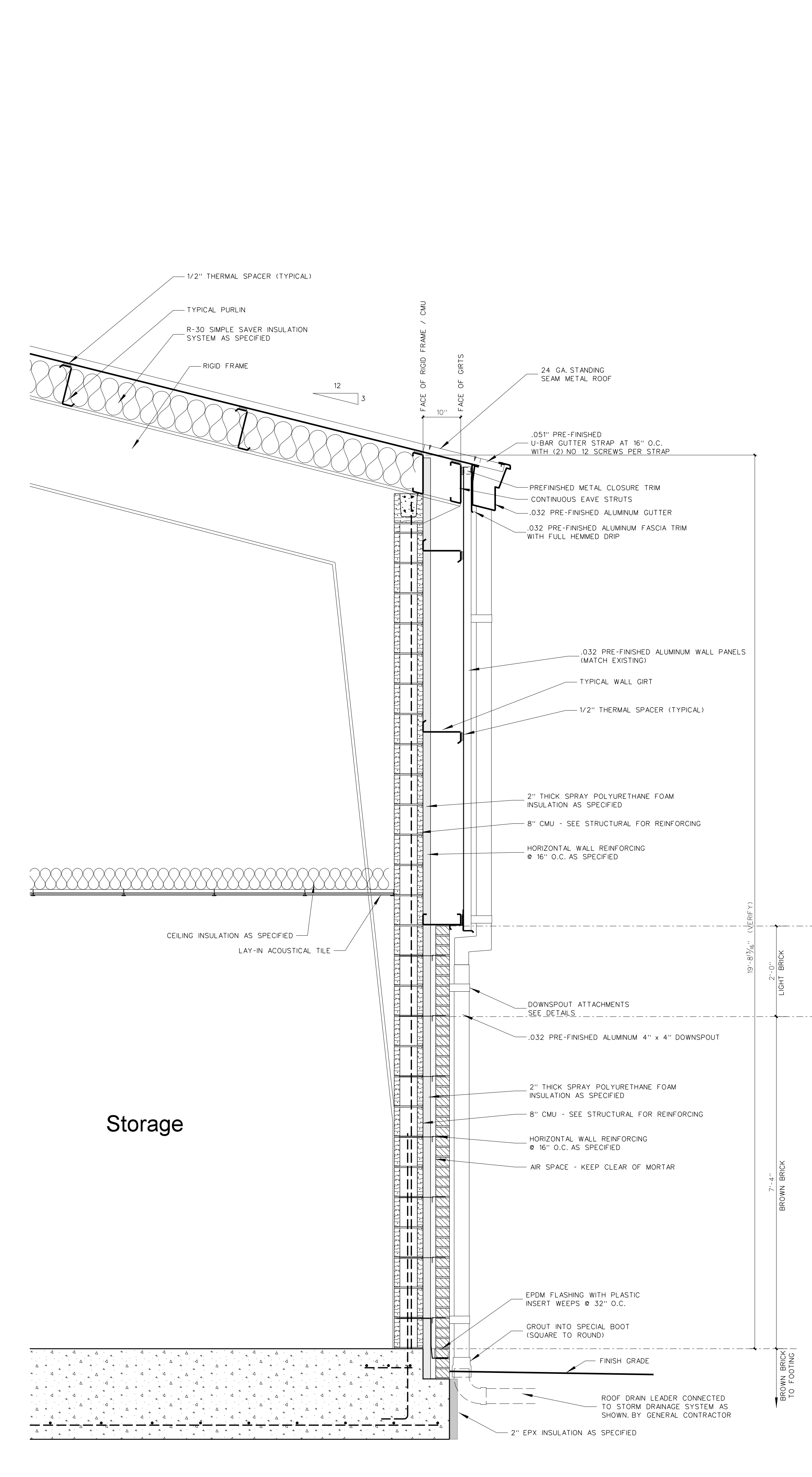


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Project No. 22112
Date: 18 August 2022
Drawing no. **A**
1118



1118.2 SECTION AT GYM EAVE (PRE-ENGINEERED ALTERNATE)
SCALE: 3/4" = 1'-0"



1118.1 SECTION AT GYM EAVE (PRE-ENGINEERED ALTERNATE)
SCALE: 3/4" = 1'-0"

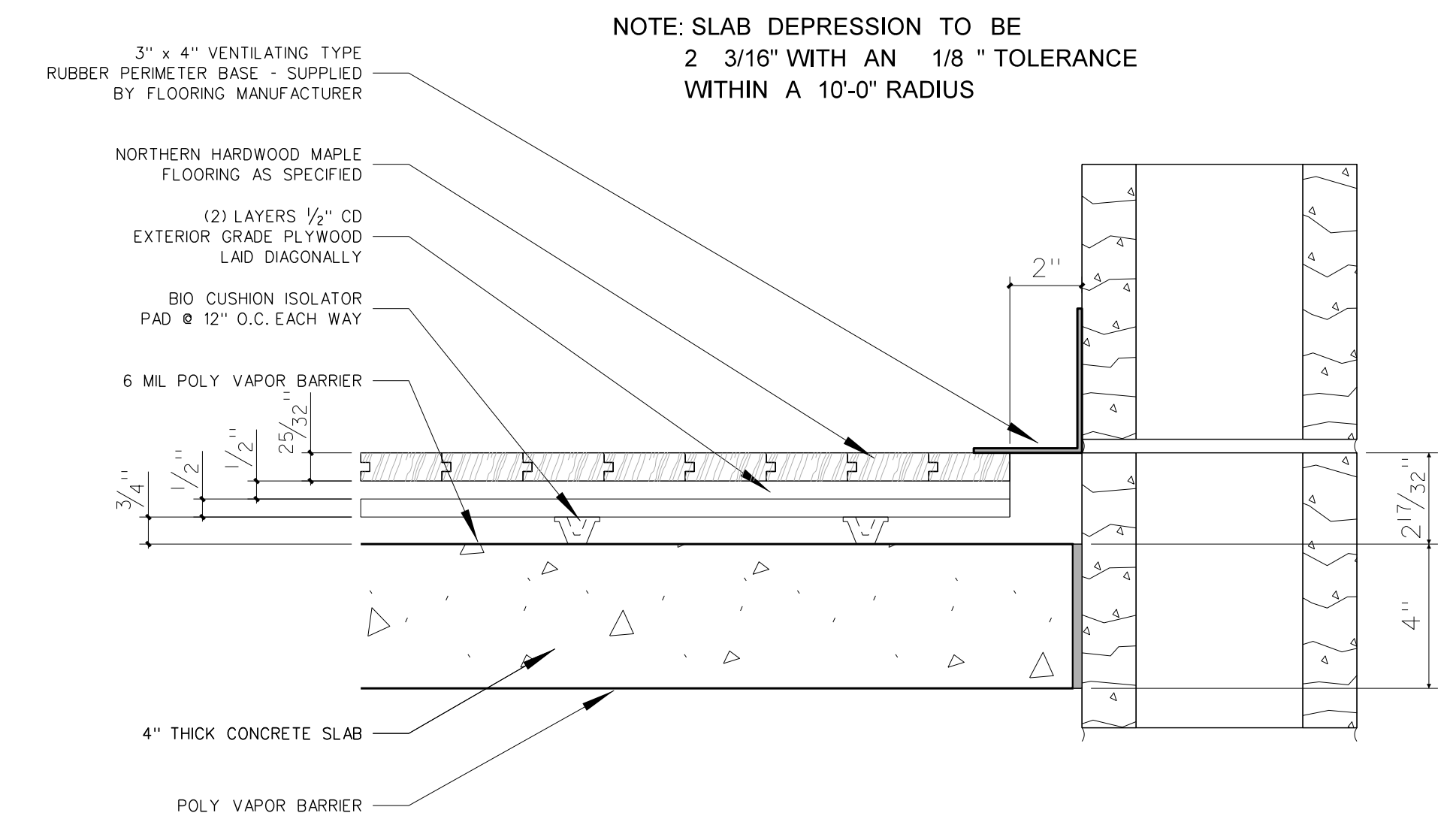
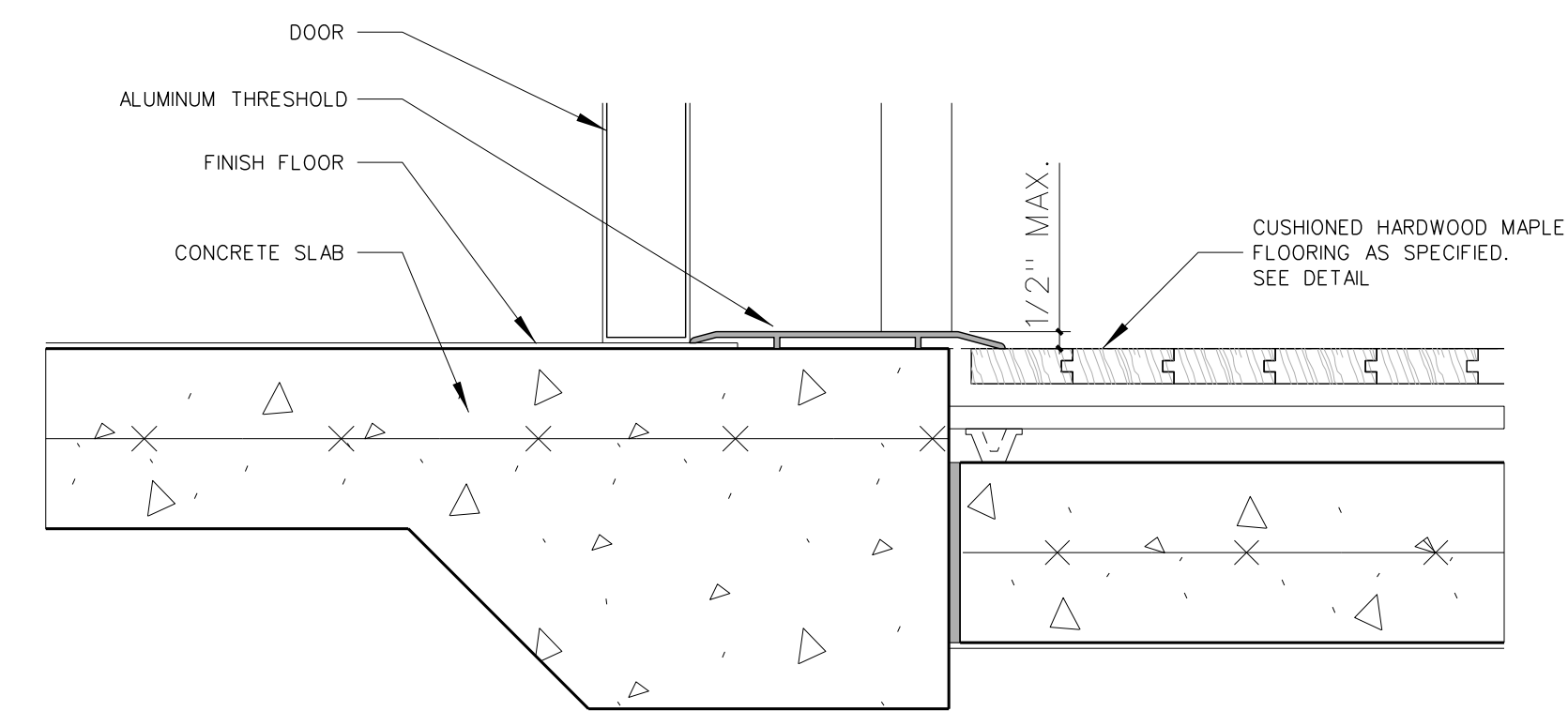
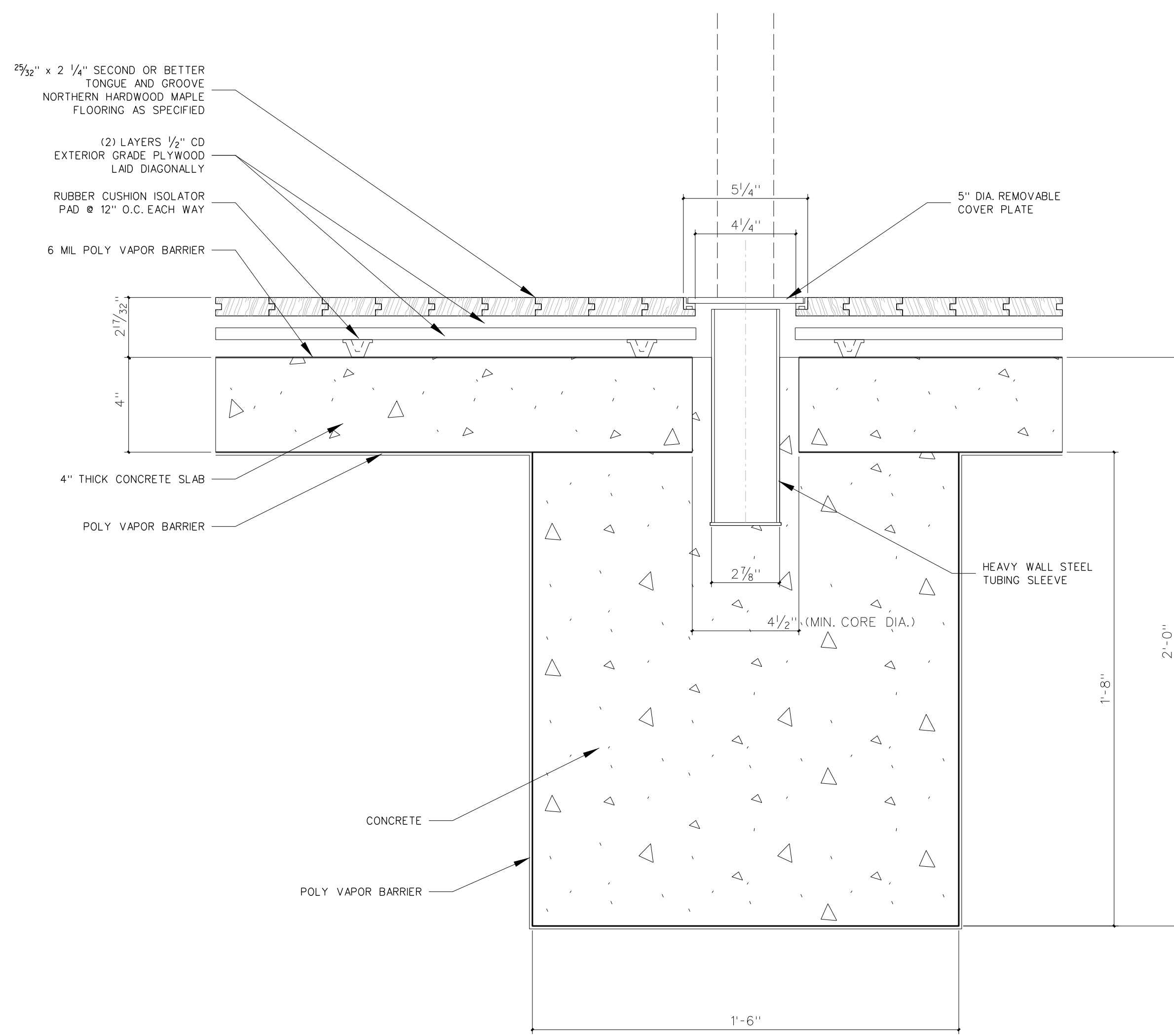
No.	Date	Revision

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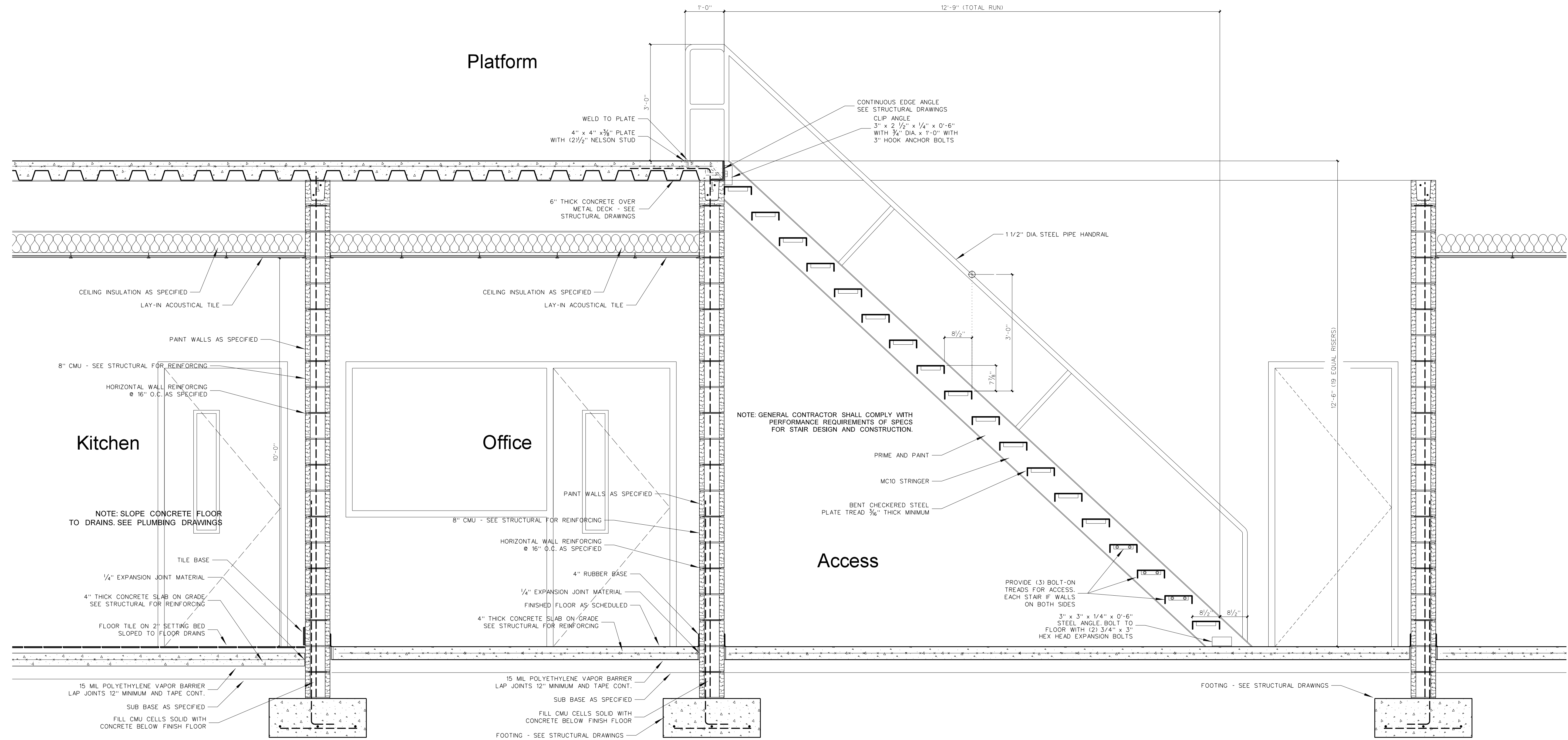
Project No.	22112
Date:	18 August 2022
Drawing no.	A 1118P



1119.3 GYMNASIUM DOOR THRESHOLD DETAIL
SCALE: 3" = 1'-0"

1119.2 GYMNASIUM FLOOR / BASE DETAIL
SCALE: 3" = 1'-0"

1119.4 VOLLEYBALL STANCHION DETAIL
SCALE: 3" = 1'-0"



1119.1 SECTION AT GYM STAIRS
SCALE: 3/4" = 1'-0"

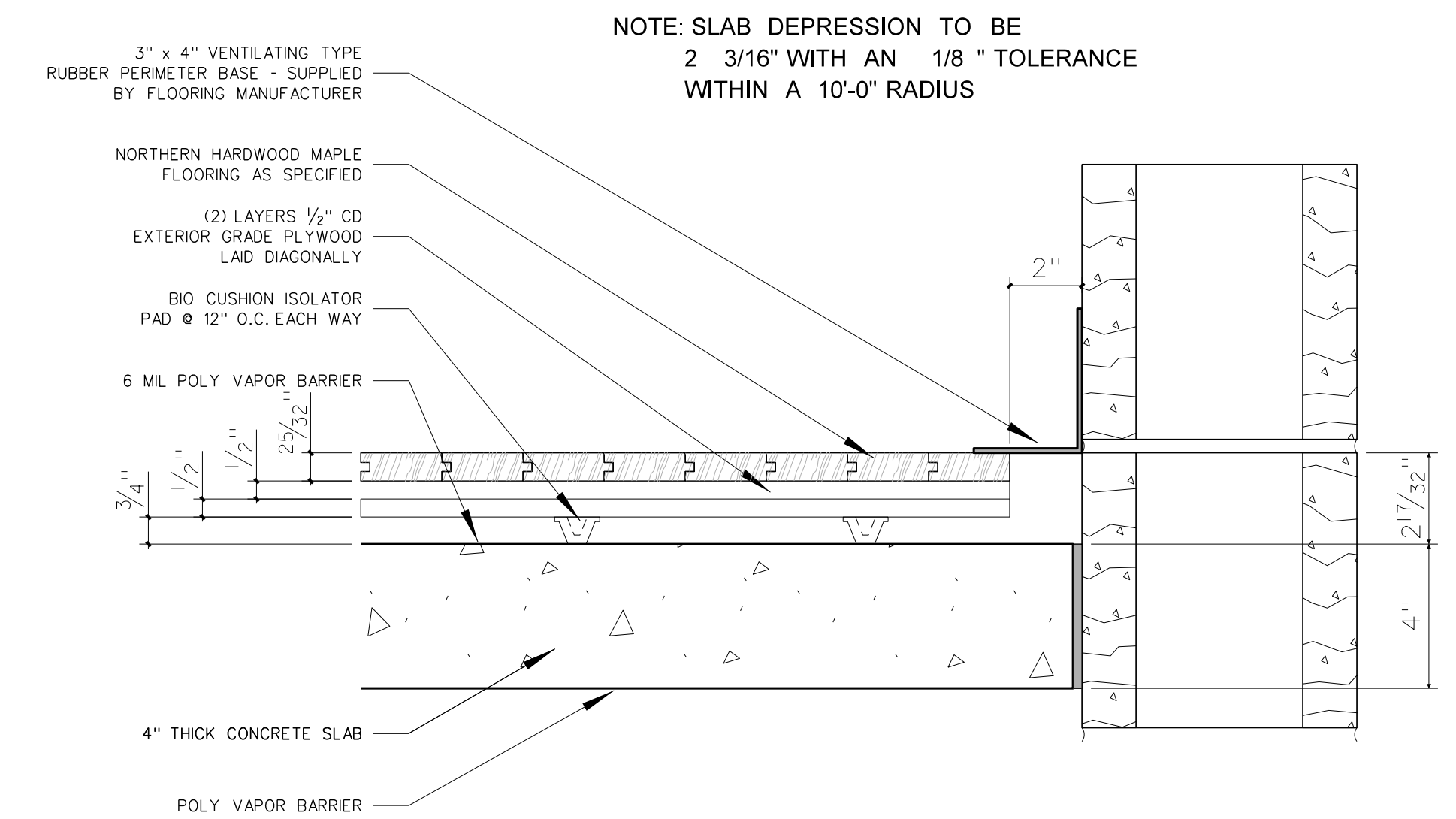
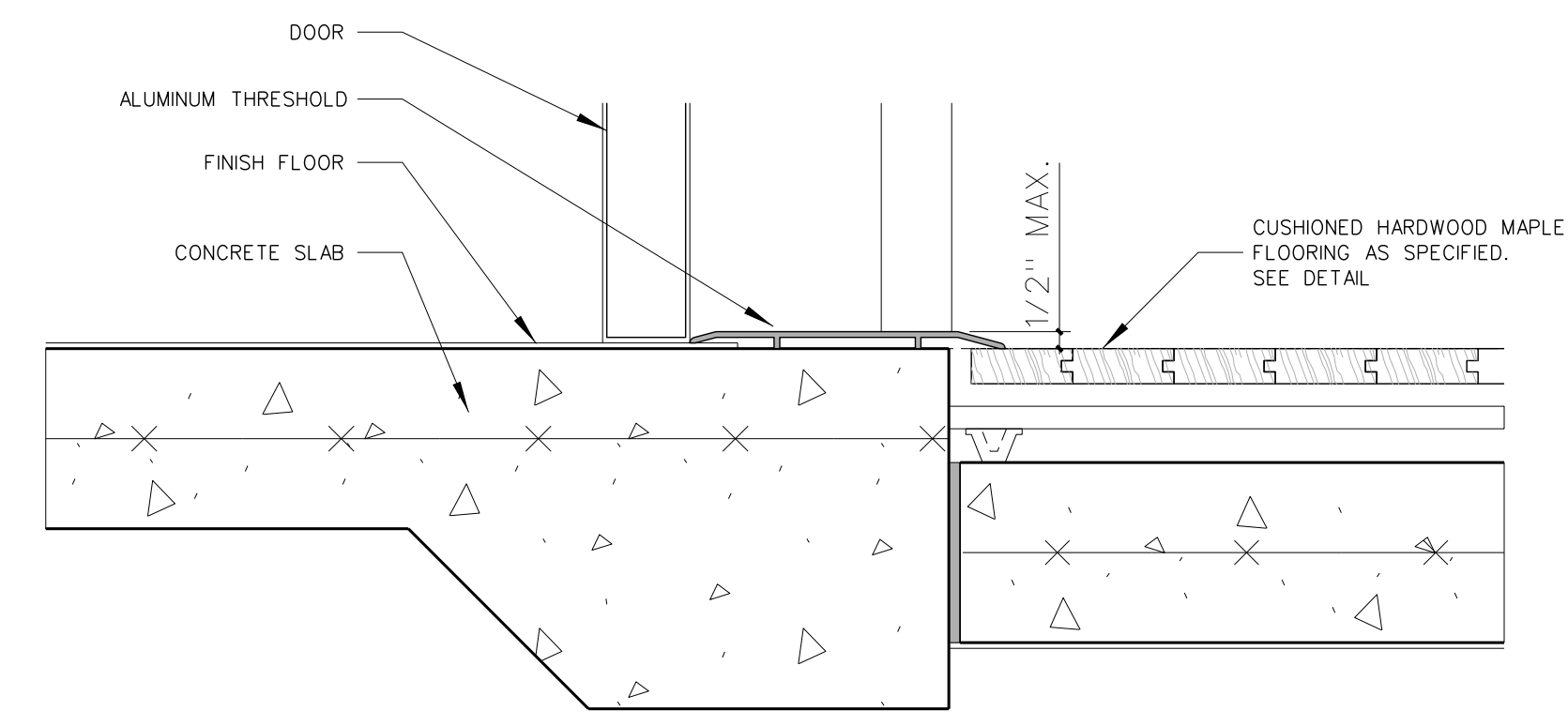
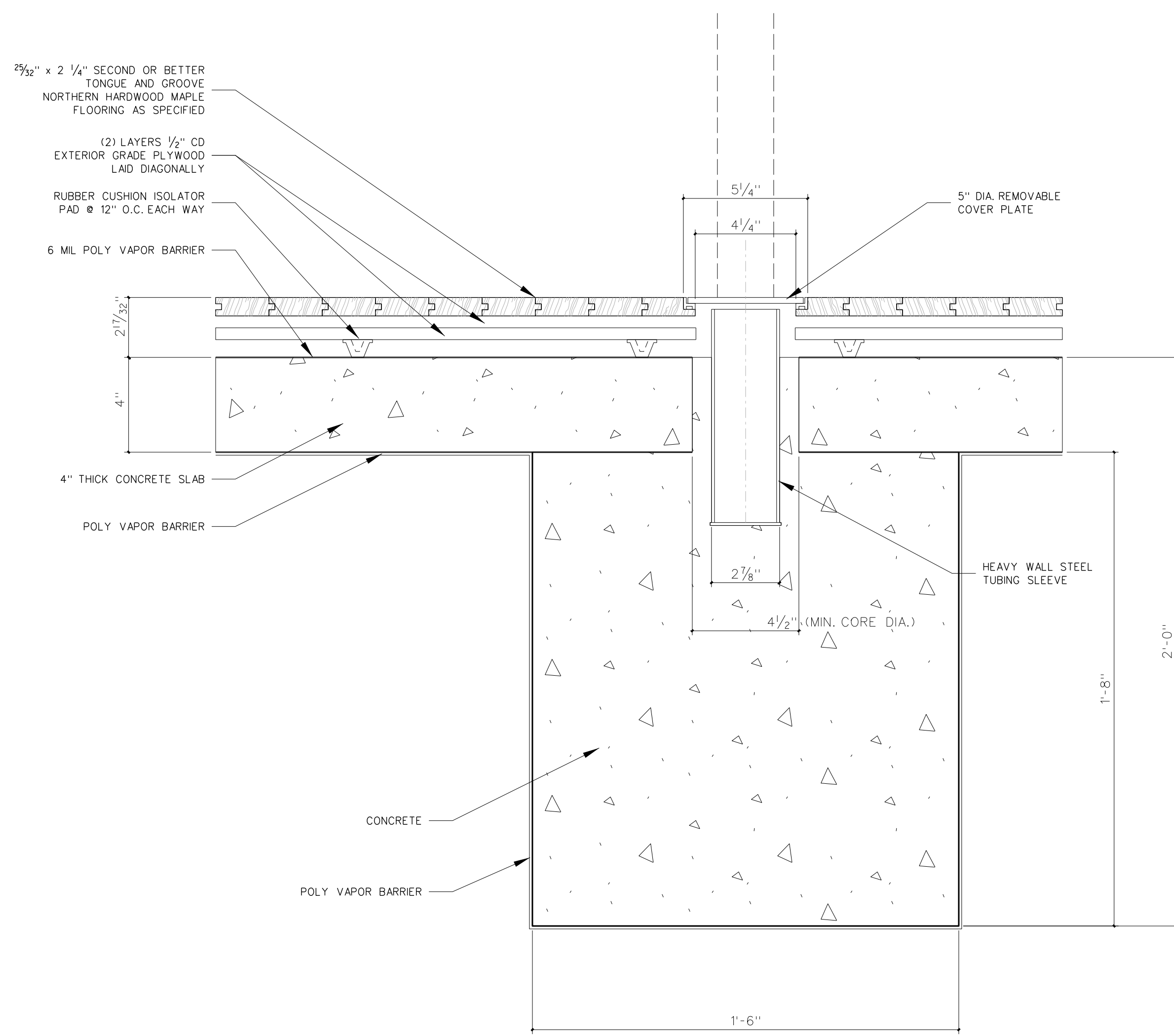
No.	Date	Revision

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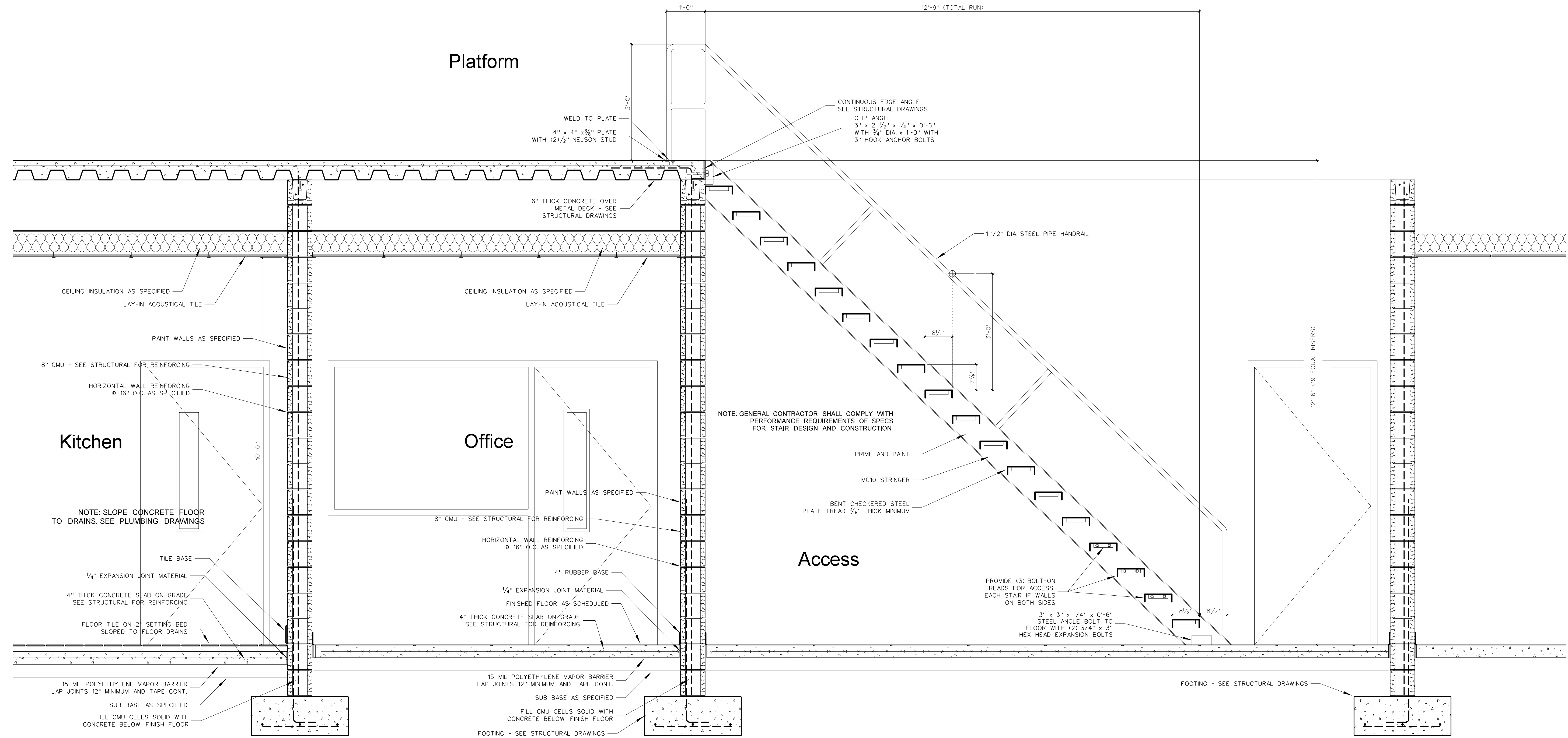
Project No. 22112
Date: 18 August 2022
Drawing No. **A 1119**



1119.3 GYMNASIUM DOOR THRESHOLD DETAIL
SCALE: 3" = 1'-0"

1119.2 GYMNASIUM FLOOR / BASE DETAIL
SCALE: 3" = 1'-0"

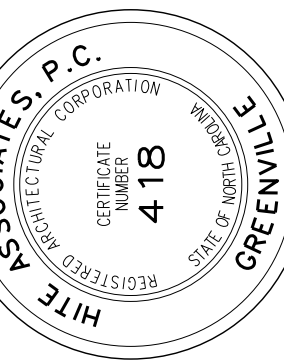
1119.4 VOLLEYBALL STANCHION DETAIL
SCALE: 3" = 1'-0"



1119.1 SECTION AT GYM STAIRS
SCALE: 3/4" = 1'-0"

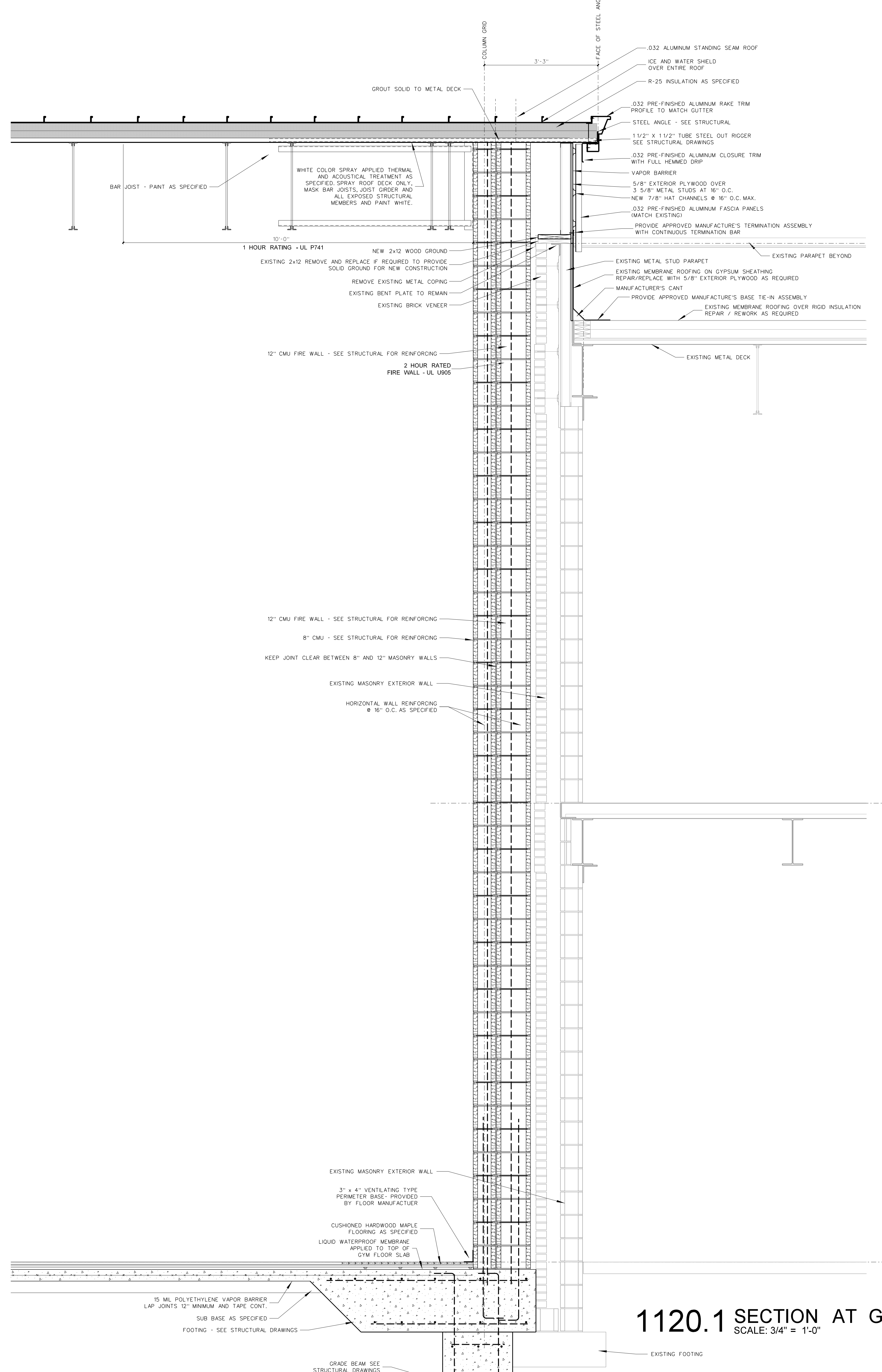
No.	Date	Revision

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Drawing No. **A**
1119P



1120.1 SECTION AT GYM
SCALE: 3/4" = 1'-0"

No.	Date	Revision

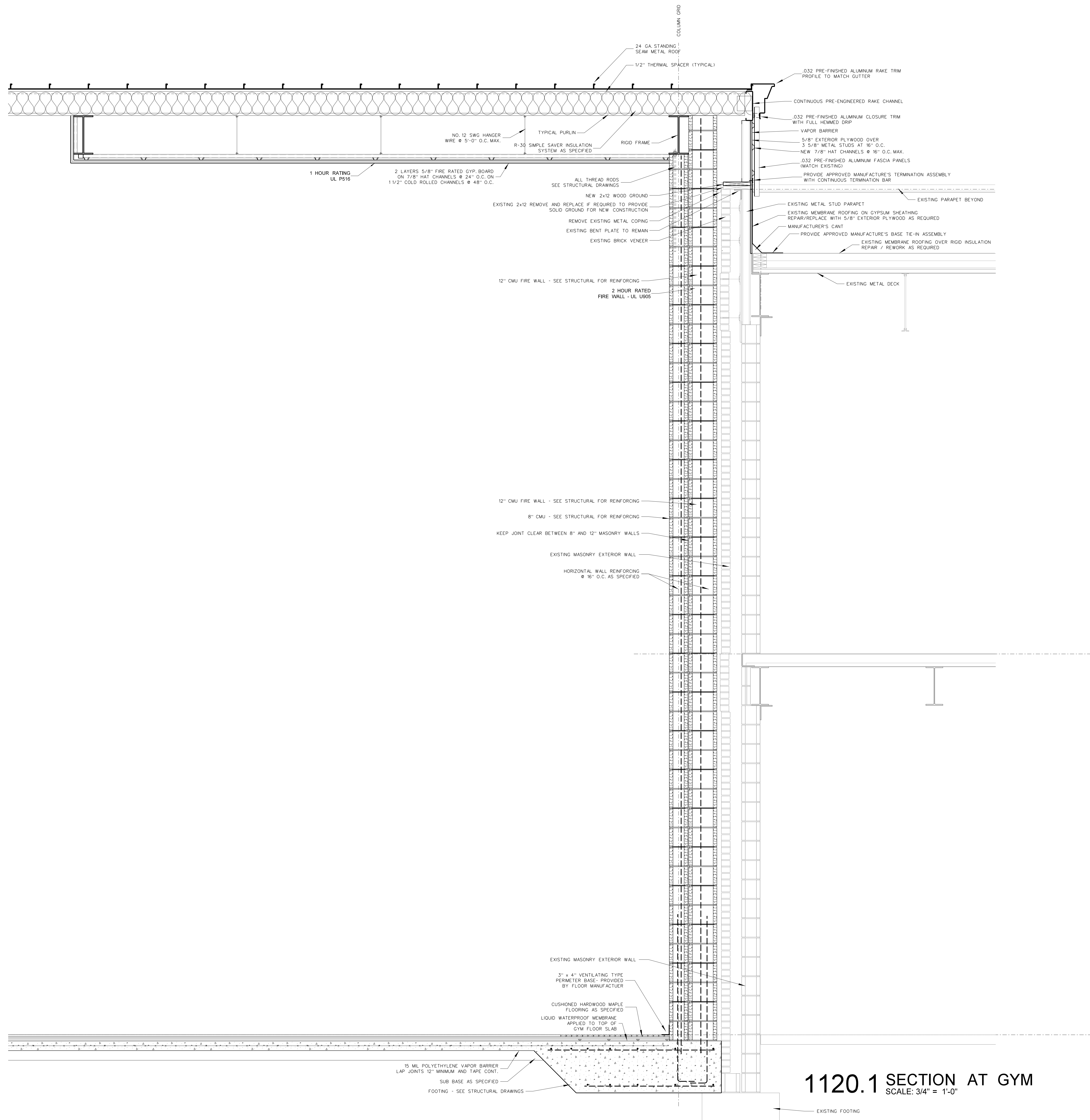
Hite associates
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2600 Meridian Drive / Greenville, NC 27834 / Tel (252) 757-0333

HITE ASSOCIATES, P.C.
REGISTERED PROFESSIONAL ARCHITECTS
NUMBER 418
GREENVILLE, NC

JAMES GRAY HITE
REGISTERED ARCHITECT
NUMBER 5
GREENVILLE, NC

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Date: 18 August 2022
Drawing no. **A**
1120



1120.1 SECTION AT GYM
SCALE: 3/4" = 1'-0"

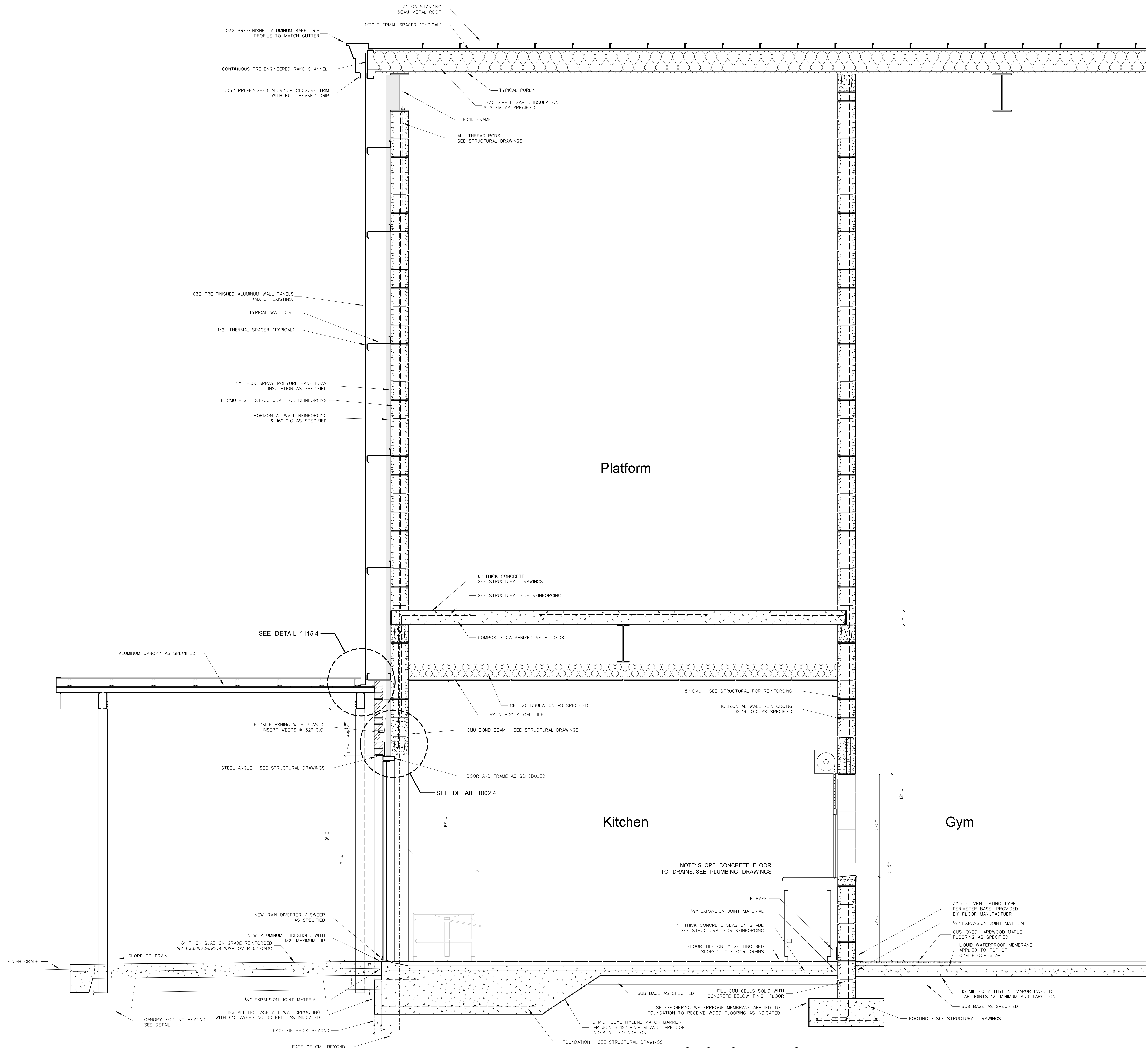
No.	Date	Revision

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

REGISTERED ARCHITECT
JAMES GRAY HITE
GREENVILLE
REGISTERED PROFESSIONAL ENGINEER
HITE ASSOCIATES, P.C.
MEMBER STATE BOARD OF ENGINEERS
NUMBER 418
GREENVILLE

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Date: 18 August 2022
Drawing no. **A**
1120P



1121.1 SECTION AT GYM ENDWALL
 SCALE: 3/4" = 1'-0"

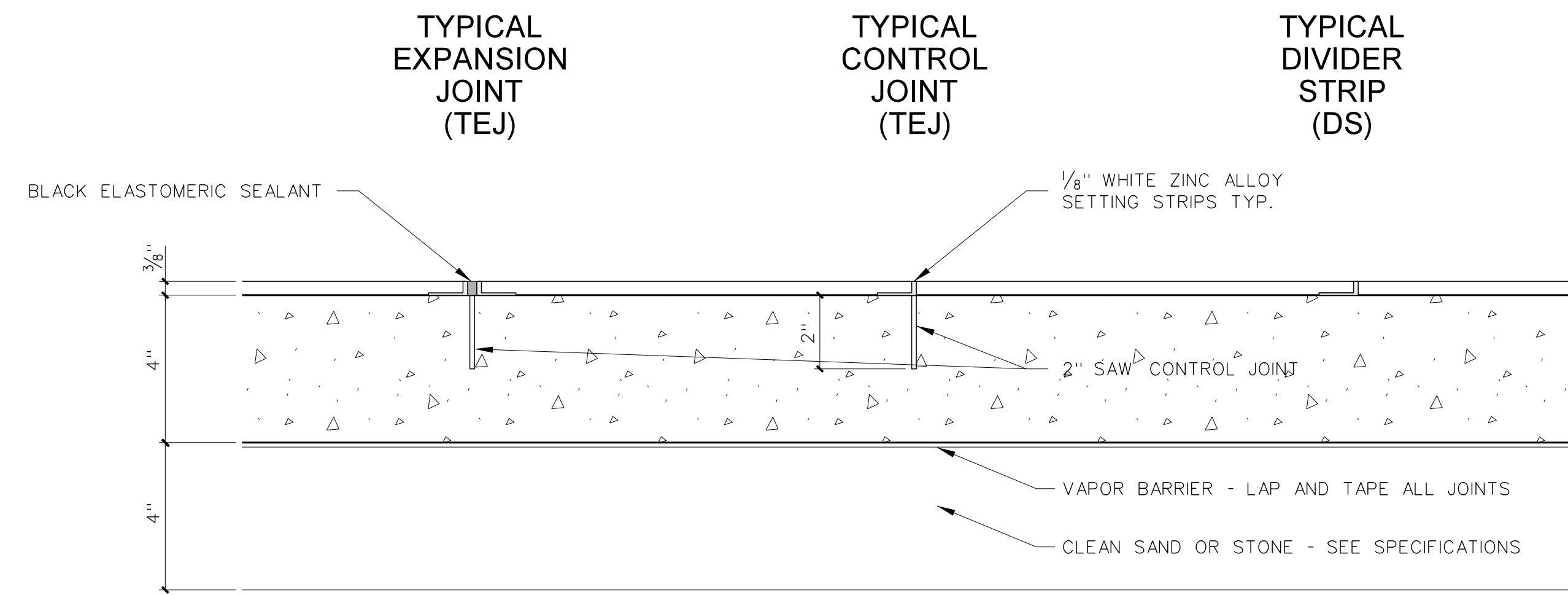
No.	Date	Revision

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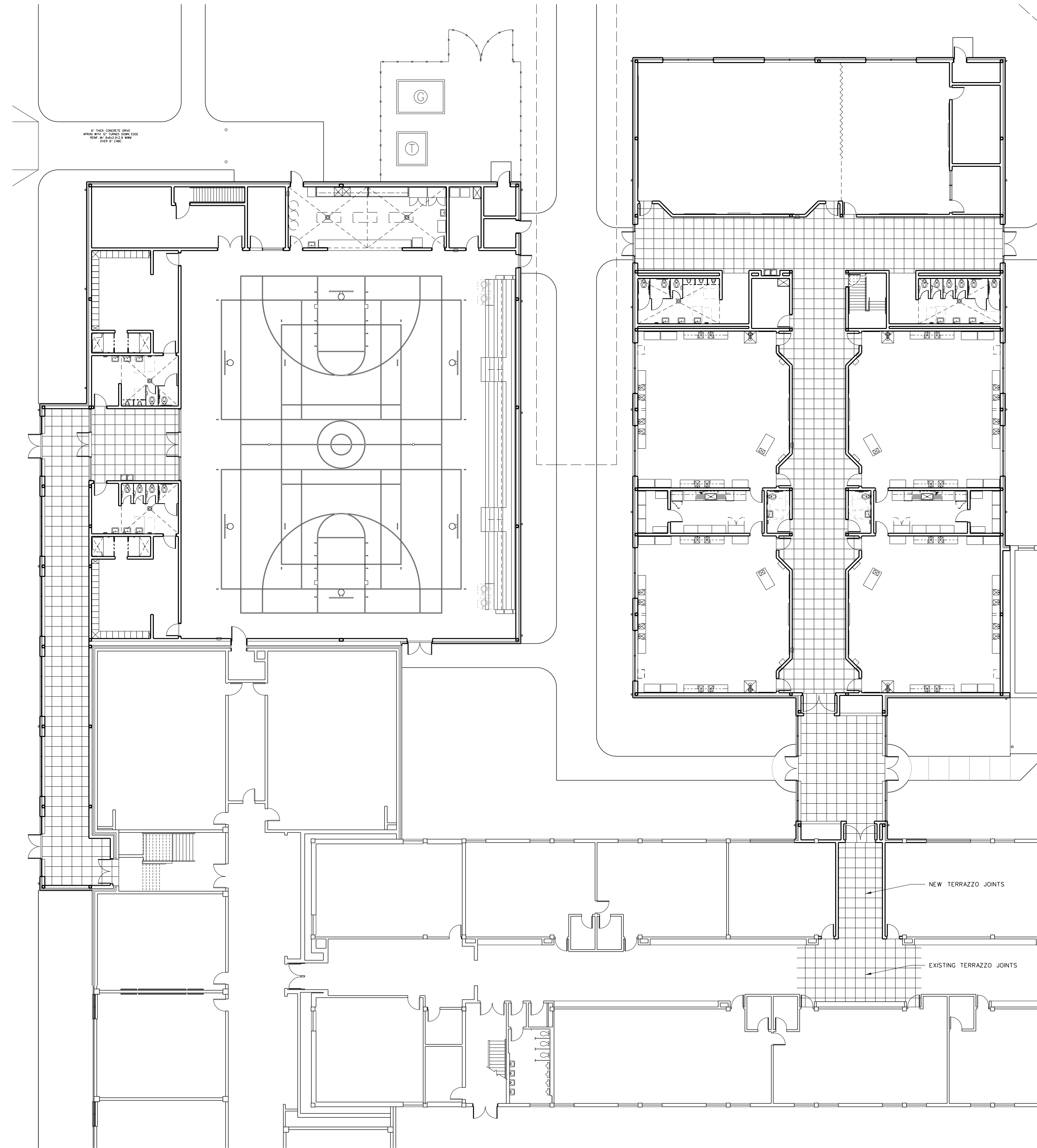
Project No. 22112
 Date: 18 August 2022
 Drawing No. **A 1121P**



Epoxy Terrazzo Joints

Notes for Terrazzo Flooring

- ① Use Typical Expansion Joints (TEJ) at columns lines, wall corners, and other conditions as recommended by NTMA (National Terrazzo and Mosaic Association)
- ② Provide saw cut joints in concrete under terrazzo joints, not to exceed 12' spacing between sawed joints.
- ③ Saw cut control joints shall be cut straight and at locations shown on plans. Saw cut joints shall be made within 24 hours after placing concrete.
- ④ Install terrazzo floor according to NTMA (National Terrazzo and Mosaic Association) standards.



1201.1 GYM & CLASSROOM ADDITIONS TERRAZZO JOINT LAYOUT

SCALE: 1/16" = 1'-0"

No.	Date	Revision

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

GRAY HITE
 REGISTERED ARCHITECT
 NUMBER 5
 GREENVILLE, NC

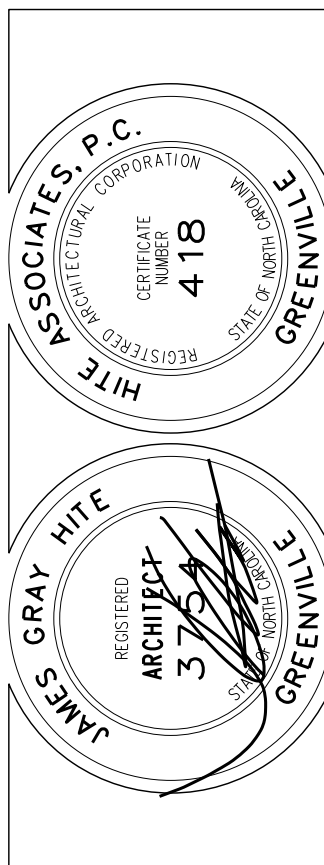
HITE ASSOCIATES, P.C.
 REGISTERED PROFESSIONAL CORPORATION
 NUMBER 418
 GREENVILLE, NC

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Project No. 22112
 Date: 18 August 2022
 Drawing no. **A**
1201

No.	Date	Revision

Hite associates
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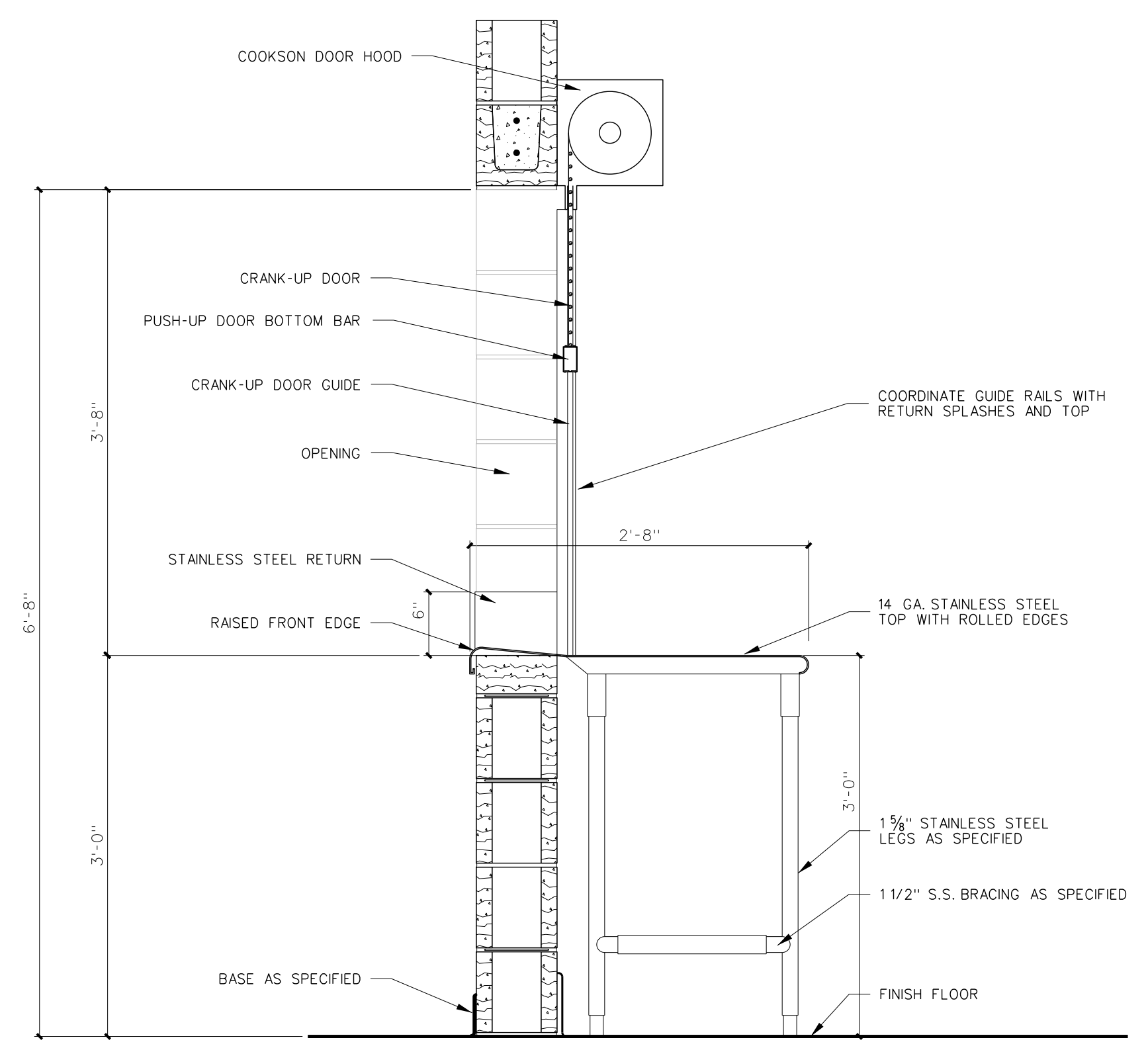
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Project No. 22112
 Date: 18 August 2022
 Drawing No. **K 101**

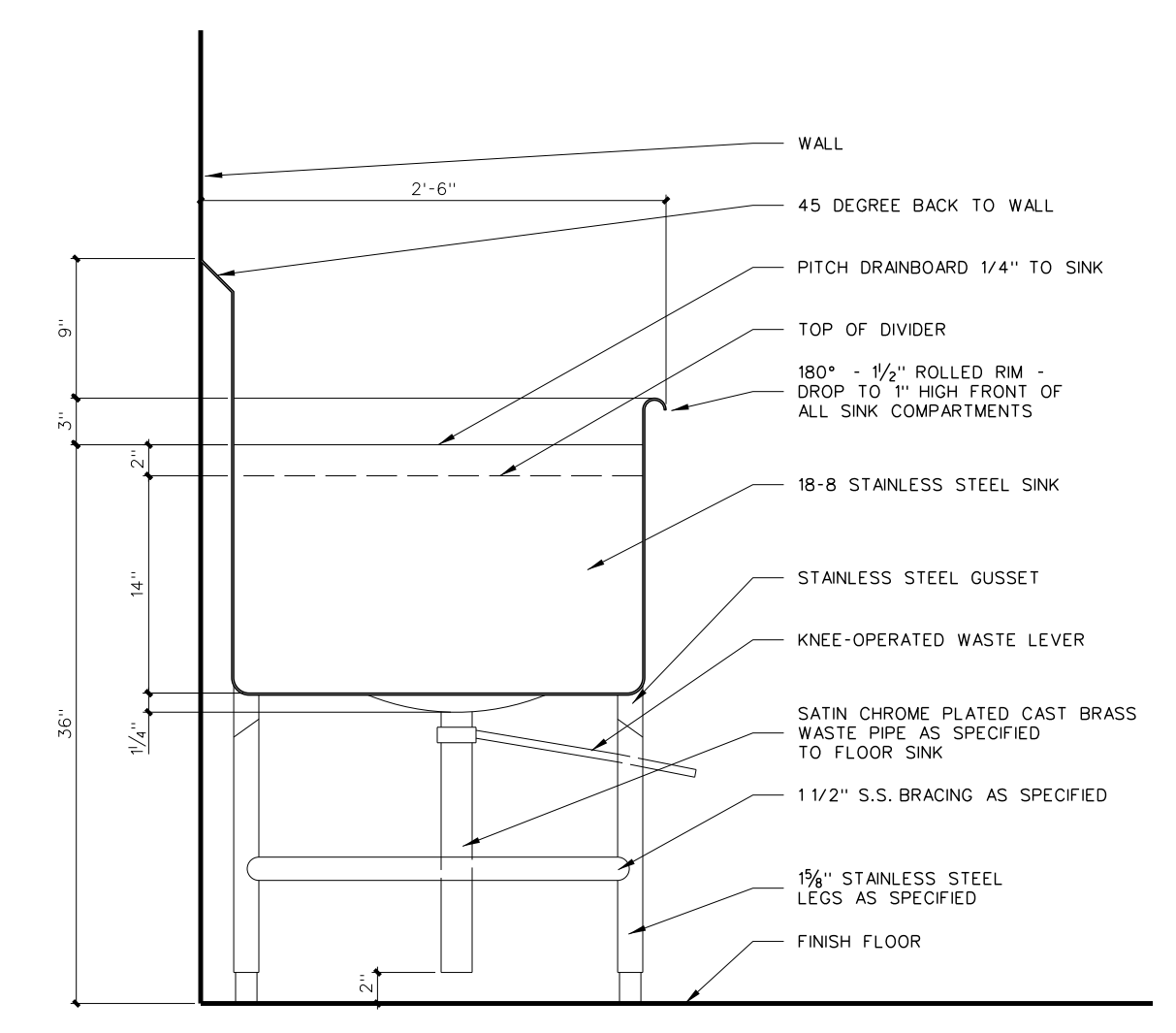
KITCHEN EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MFR / MODEL	SIZE	ELECTRICAL				PLUMBING			GAS		REMARKS	
				Volts	Phase	Kw/HP	Amps	HW	CW	Waste	Indirect Waste	Size		BTU/Hr
K-1	STAINLESS STEEL CART	LAKEIDE 943	21 x 33 x 34.5											
K-2	STAINLESS STEEL CART	LAKEIDE 947	24 x 36 x 34.5											
K-3	2 COMPARTMENT SINK	FABRICATED	156" x 30" x 36"											PER DETAIL 101.3
K-4	WORK TABLE	FABRICATED	120" x 30" x 36"											PER DETAIL 101.2
K-5	WALL SHELF (2 PIECES)	LOW TEMP WSF-82	120" x 156" x 18"											VERIFY MOUNTING HEIGHT
K-6	REFRIGERATOR	DELFIELD 6051XL-S	51 x 32 x 80	115	1	1/3	12							
K-7	ICE MACHINE / BIN STORAGE	HOSHIZAKKMD-85DMH/B-700SP BN	30 x 27	208	1		9.8		1/2"	YES				
K-8	COUNTER / TABLE	FABRICATED	23'-4" LONG											PER DETAIL 101.4
K-9	ALUMINUM SHUTTER	COOKSON ESC10	18'-8" L x 3'-8" H											

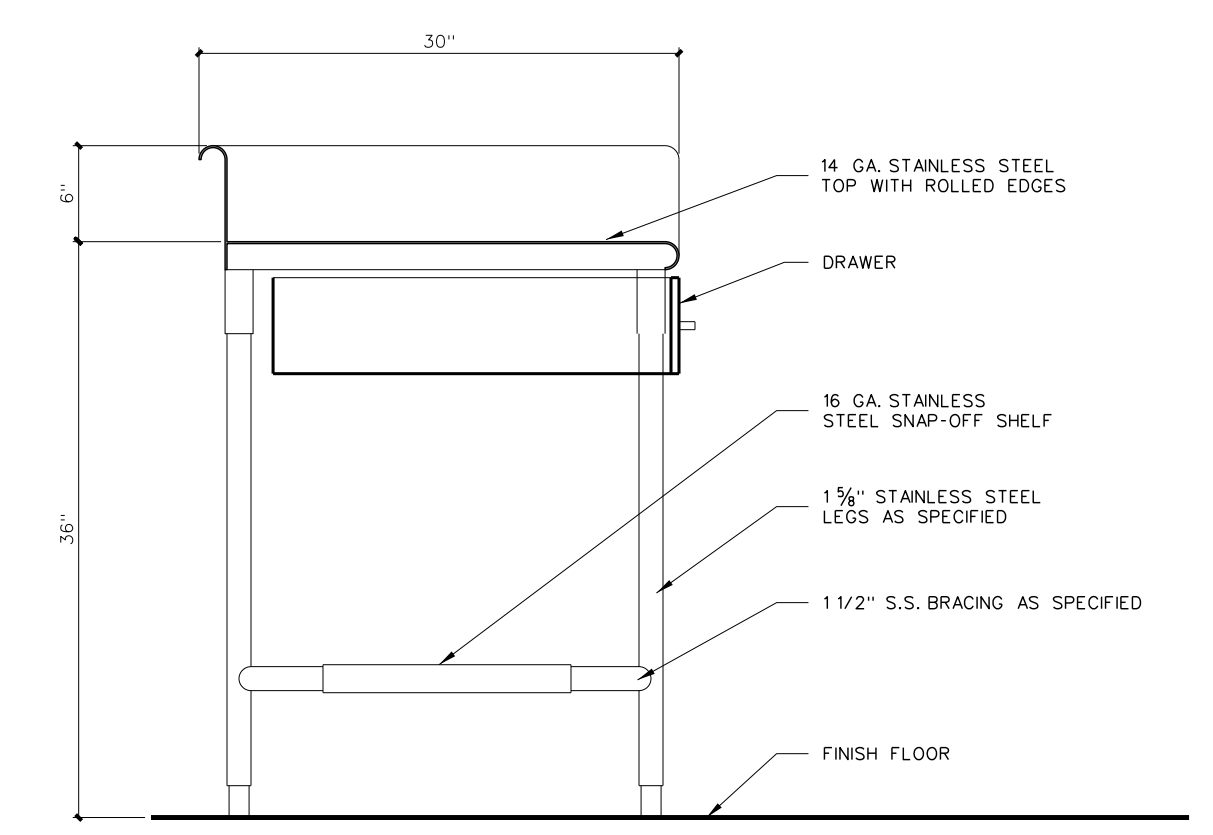
*NOTE: ITEMS K-1, K-2, K-5, K-6, & K-7 ARE ALTERNATE BID



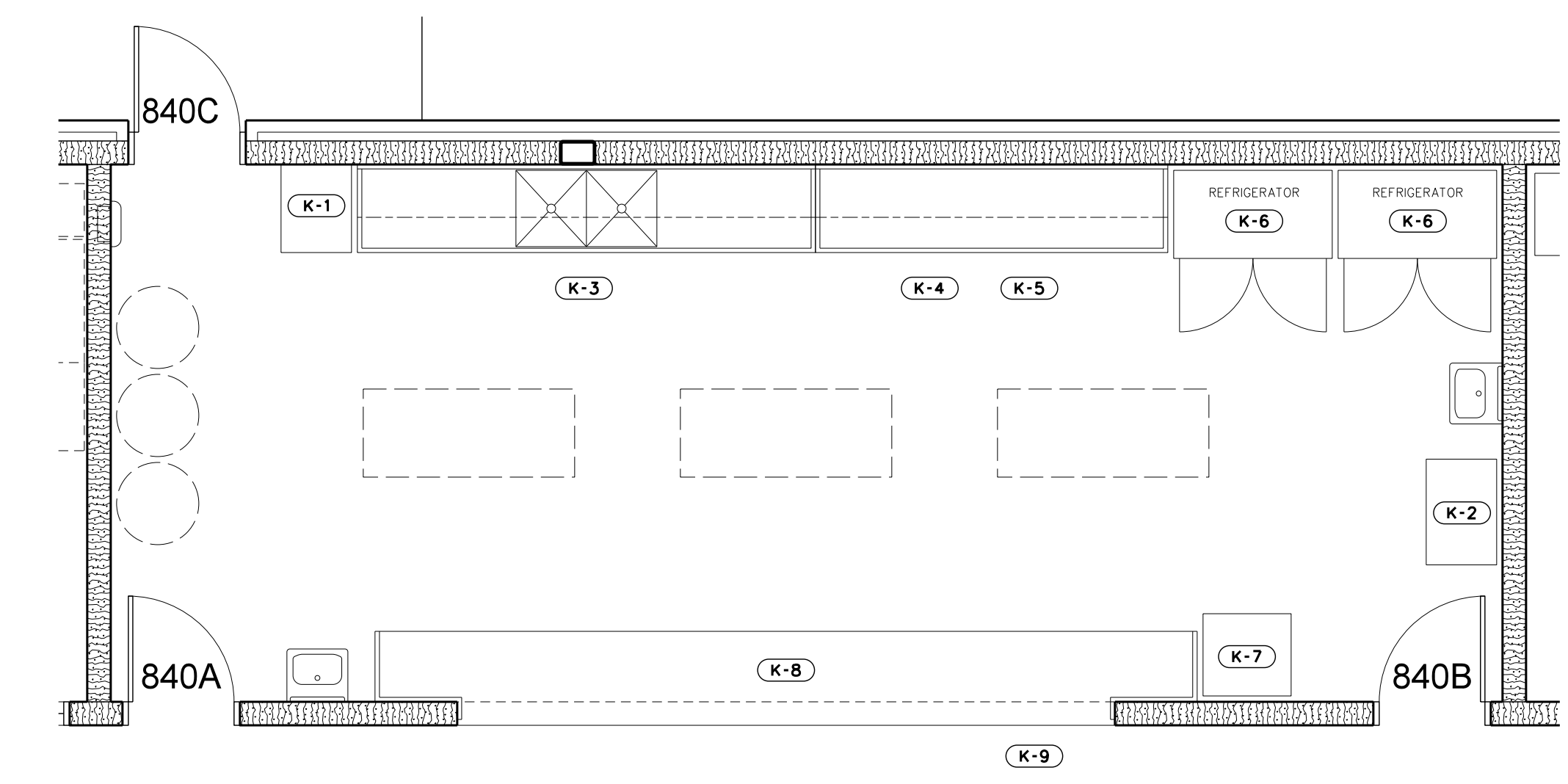
101.4 COUNTER / TABLE SECTION
 SCALE: 1" = 1'-0"



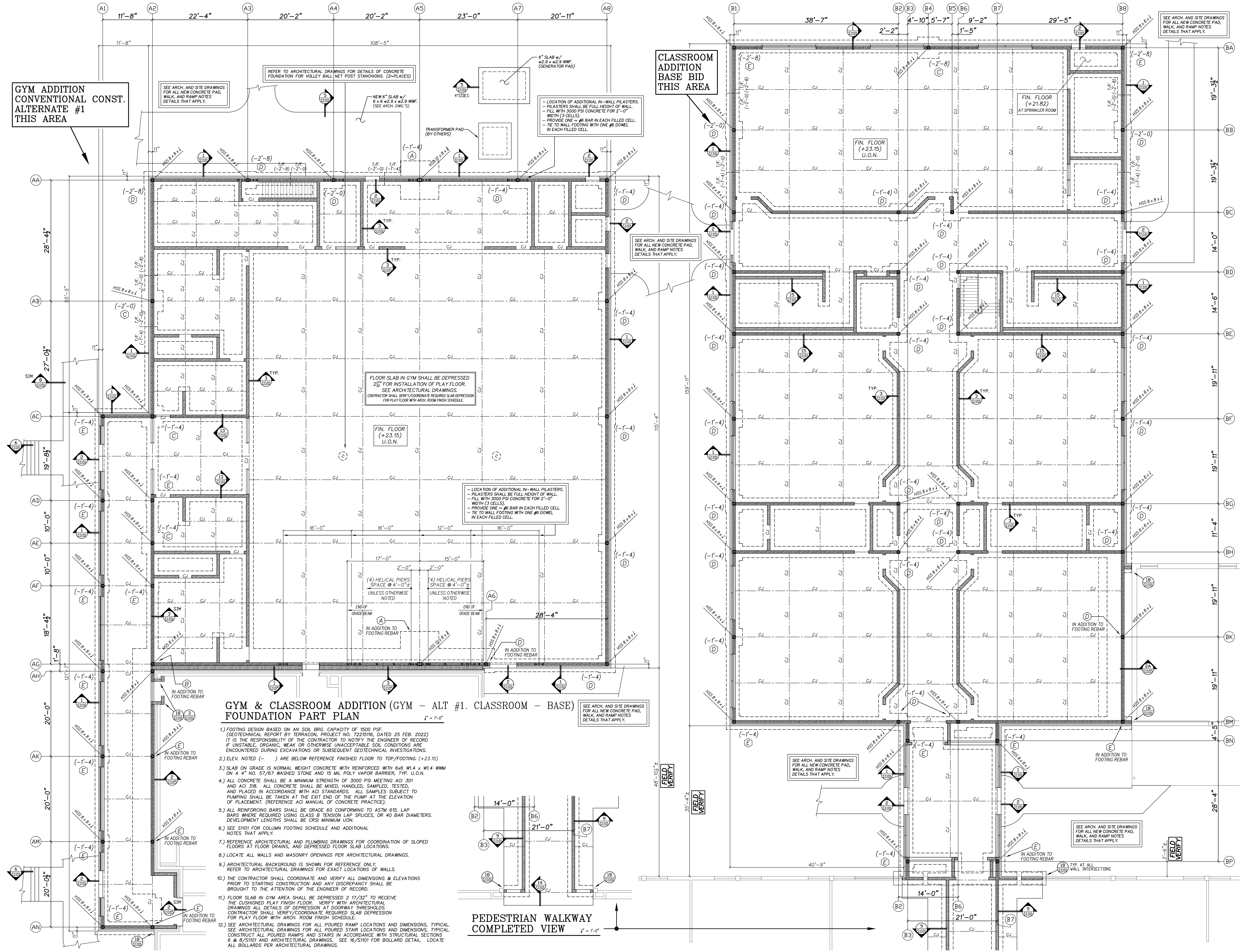
101.3 TYPICAL SINK SECTION
 SCALE: 1" = 1'-0"



101.2 S.S. SIDE TABLE w/ SPLASH
 SCALE: 1" = 1'-0"



101.1 ENLARGED KITCHEN PLAN
 SCALE: 1/4" = 1'-0"

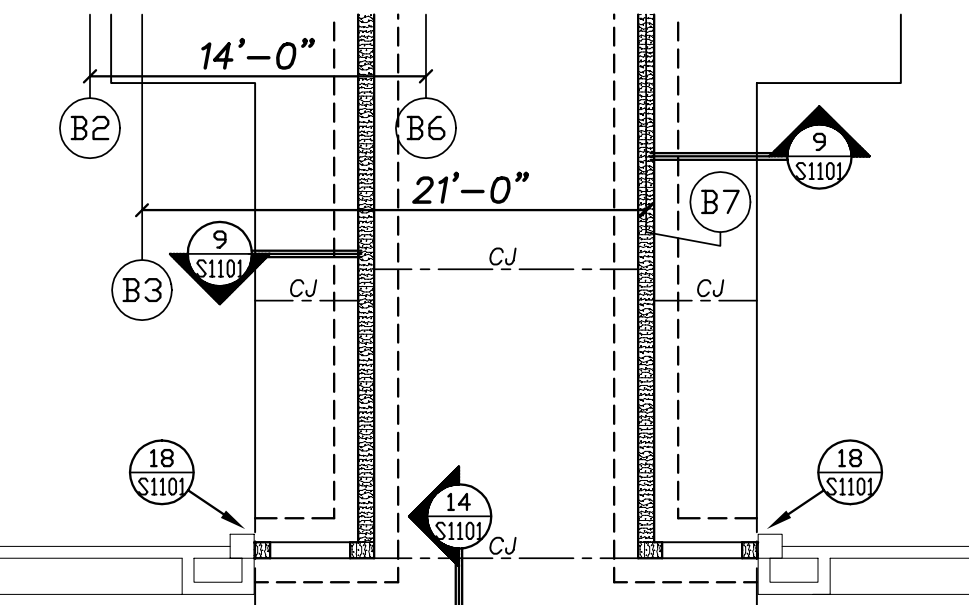


GYM ADDITION
CONVENTIONAL CONST.
ALTERNATE #1
THIS AREA

CLASSROOM
ADDITION
BASE BID
THIS AREA

**GYM & CLASSROOM ADDITION (GYM - ALT #1. CLASSROOM - BASE)
FOUNDATION PART PLAN**

- 1.) FOOTING DESIGN BASED ON A SOIL BRG. CAPACITY OF 1500 PSF. (GEOLOGICAL REPORT BY TERRACON, PROJECT NO. 2221516, DATED 25 FEB. 2022) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF RECORD IF UNSTABLE, ORGANIC, WEAK OR OTHERWISE UNACCEPTABLE SOIL CONDITIONS ARE ENCOUNTERED DURING EXCAVATIONS OR SUBSEQUENT GEOTECHNICAL INVESTIGATIONS.
- 2.) ELEV. NOTED (-) ARE BELOW REFERENCE FINISHED FLOOR TO TOP/FOOTING (+23.15)
- 3.) SLAB ON GRADE IS NORMAL WEIGHT CONCRETE WITH REINFORCED WITH 6x6 W1.4 x W1.4 WWM ON A 4" NO. 57/57 WASHED STONE AND 15 MIL POLY VAPOR BARRIER. TYP. U.O.N.
- 4.) ALL CONCRETE SHALL BE A MINIMUM STRENGTH OF 3000 PSI MEETING ACI 301 AND ACI 318. ALL CONCRETE SHALL BE MIXED, HANDLED, SAMPLED, TESTED, AND PLACED IN ACCORDANCE WITH ACI STANDARDS. ALL SAMPLES SUBJECT TO PUMPING SHALL BE TAKEN AT THE EXIT END OF THE PUMP AT THE ELEVATION OF PLACEMENT. (REFERENCE ACI MANUAL OF CONCRETE PRACTICE).
- 5.) ALL REINFORCING BARS SHALL BE GRADE 60 CONFORMING TO ASTM 615. LAP BARS WHERE REQUIRED USING CLASS B TENSION LAP SPLICES, OR 40 BAR DIAMETERS. DEVELOPMENT LENGTHS SHALL BE PER RECORD.
- 6.) SEE S101 FOR COLUMN FOOTING SCHEDULE AND ADDITIONAL NOTES THAT APPLY.
- 7.) REFERENCE ARCHITECTURAL AND PLUMBING DRAWINGS FOR COORDINATION OF SLOPED FLOORS AT FLOOR DRAINS, AND DEPRESSED FLOOR SLAB LOCATIONS.
- 8.) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS.
- 9.) ARCHITECTURAL BACKGROUND IS SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF WALLS.
- 10.) THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS & ELEVATIONS PRIOR TO STARTING CONSTRUCTION AND ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
- 11.) FLOOR SLAB IN GYM AREA SHALL BE DEPRESSED 2 1/2" TO RECEIVE THE CUSHIONED PLAY FINISH FLOOR. VERIFY WITH ARCHITECTURAL DRAWINGS ALL DETAILS OF DEPRESSION AT DOORWAY THRESHOLDS. CONTRACTOR SHALL VERIFY/COORDINATE REQUIRED SLAB DEPRESSION FOR PLAY FLOOR WITH ARCH. ROOM FINISH SCHEDULE.
- 12.) SEE ARCHITECTURAL DRAWINGS FOR ALL POURED RAMP LOCATIONS AND DIMENSIONS, TYPICAL. SEE ARCHITECTURAL DRAWINGS FOR ALL POURED STAIR LOCATIONS AND DIMENSIONS, TYPICAL. CONSTRUCT ALL POURED RAMPS AND STAIRS IN ACCORDANCE WITH STRUCTURAL SECTIONS 6 & 8/S101 AND ARCHITECTURAL DRAWINGS. SEE 16/S101 FOR BOLLARD DETAIL. LOCATE ALL BOLLARDS PER ARCHITECTURAL DRAWINGS.



**PEDESTRIAN WALKWAY
COMPLETED VIEW**

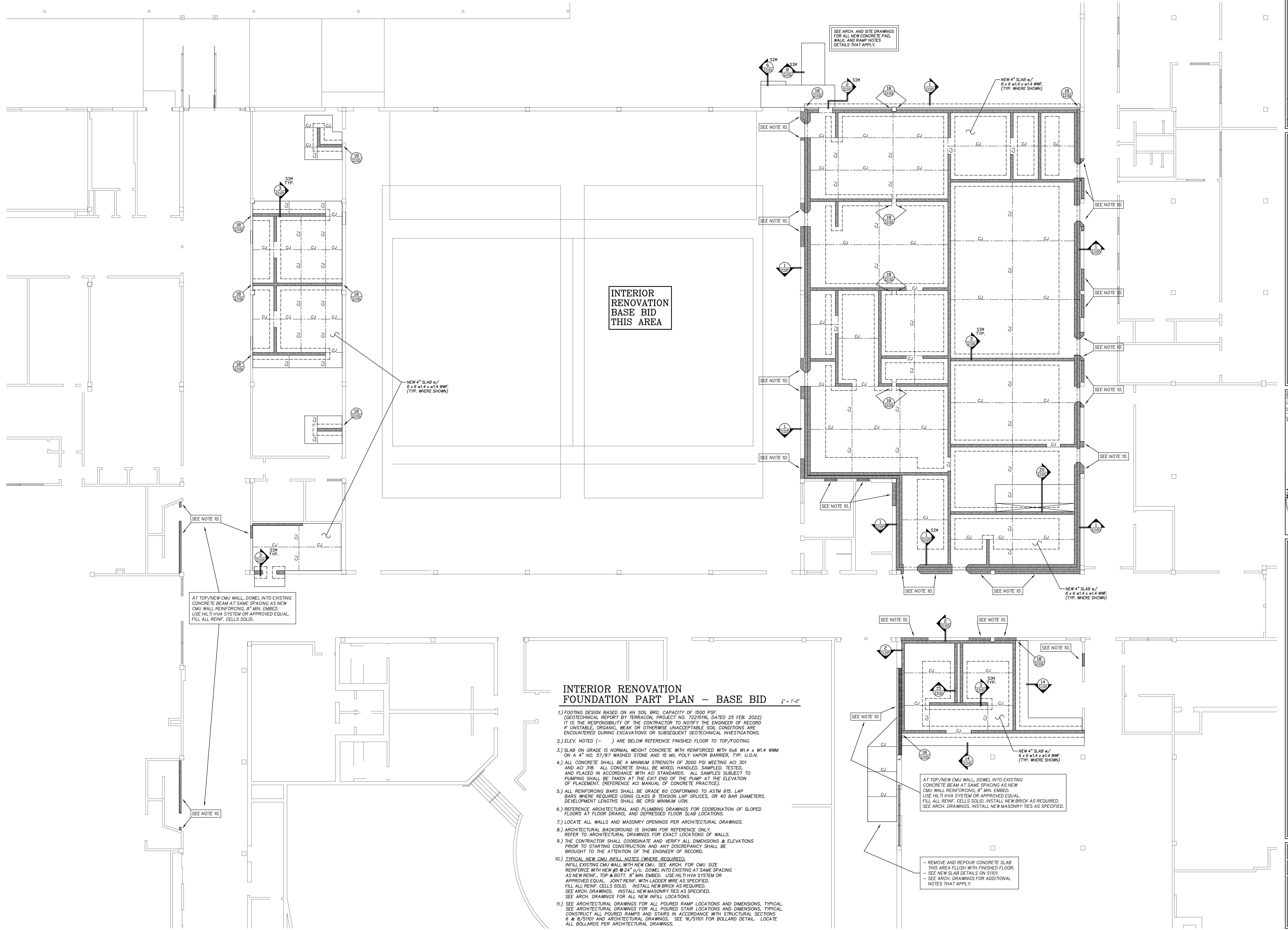
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North Carolina
Professional Engineer
Priscilla Queen
1891
ENGINEER
BRUCE QUEEN
23 OCT 2023

New Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112
Date: 23 OCT 2023
Drawing No. S 101



**INTERIOR RENOVATION
FOUNDATION PART PLAN - BASE BID** $1" = 1'-0"$

- 1.) FOOTING DESIGN BASED ON AN SOIL BRG. CAPACITY OF 1500 PSF. (GEOTECHNICAL REPORT BY TERRACON, PROJECT NO. 2225116, DATED 25 FEB. 2022) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF RECORD IF UNSTABLE, ORGANIC WEAK OR OTHERWISE UNACCEPTABLE SOIL CONDITIONS ARE ENCOUNTERED DURING EXCAVATIONS OR SUBSEQUENT GEOTECHNICAL INVESTIGATIONS.
- 2.) ELEV. NOTED (-) ARE BELOW REFERENCE FINISHED FLOOR TO TOP/FOOTING.
- 3.) SLAB ON GRADE IS NORMAL WEIGHT CONCRETE WITH REINFORCED WITH 6x6 W1.4 x W1.4 W/M ON A 4" NO. 57/67 WASHED STONE AND 15 MIL POLY VAPOR BARRIER, TYP. U.O.N.
- 4.) ALL CONCRETE SHALL BE A MINIMUM STRENGTH OF 3000 PSI MEETING ACI 301 AND ACI 318. ALL CONCRETE SHALL BE MIXED, HANDLED, SAMPLED, TESTED, AND PLACED IN ACCORDANCE WITH ACI STANDARDS. ALL SAMPLES SUBJECT TO PUMPING SHALL BE TAKEN AT THE EXIT END OF THE PUMP AT THE ELEVATION OF PLACEMENT. (REFERENCE ACI MANUAL OF CONCRETE PRACTICE).
- 5.) ALL REINFORCING BARS SHALL BE GRADE 60 CONFORMING TO ASTM 615. LAP BARS WHERE REQUIRED USING CLASS B TENSION LAP SPLICES, OR 40 BAR DIAMETERS. DEVELOPMENT LENGTHS SHALL BE ORS MINIMUM UO.N.
- 6.) REFERENCE ARCHITECTURAL AND PLUMBING DRAWINGS FOR COORDINATION OF SLOPED FLOORS AT FLOOR DRAINS, AND DEPRESSED FLOOR SLAB LOCATIONS.
- 7.) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS.
- 8.) ARCHITECTURAL BACKGROUND IS SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF WALLS.
- 9.) THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS & ELEVATIONS PRIOR TO STARTING CONSTRUCTION AND ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
- 10.) TYPICAL NEW CMU INFILL NOTES (WHERE REQUIRED):
INFILL EXISTING CMU WALL WITH NEW CMU. SEE ARCH. FOR CMU SIZE REINFORCE WITH NEW #5 @ 24" o/c. DOWEL INTO EXISTING AT SAME SPACING AS NEW REINF., TOP & BOTT. 8" MIN. EMBED. USE HILTI HVA SYSTEM OR APPROVED EQUAL. JOINT REINF. WITH LADDER WIRE AS SPECIFIED. FILL ALL REINF. CELLS SOLID. INSTALL NEW BRICK AS REQUIRED. SEE ARCH. DRAWINGS. INSTALL NEW MASONRY TIES AS SPECIFIED. SEE ARCH. DRAWINGS FOR ALL NEW INFILL LOCATIONS.
- 11.) SEE ARCHITECTURAL DRAWINGS FOR ALL POURED RAMP LOCATIONS AND DIMENSIONS, TYPICAL. SEE ARCHITECTURAL DRAWINGS FOR ALL POURED STAIR LOCATIONS AND DIMENSIONS, TYPICAL. CONSTRUCT ALL POURED RAMPS AND STAIRS IN ACCORDANCE WITH STRUCTURAL SECTIONS 6 & 8/S101 AND ARCHITECTURAL DRAWINGS. SEE 16/S101 FOR BOLLARD DETAIL. LOCATE ALL BOLLARDS PER ARCHITECTURAL DRAWINGS.

No.	Date	Revision

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STATE OF NORTH CAROLINA
1989
23 OCT 2023

New Additions to
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Carteret County Schools / North Carolina

Project No. **22112**
Date: 23 OCT 2023
Drawing No. **S 102**

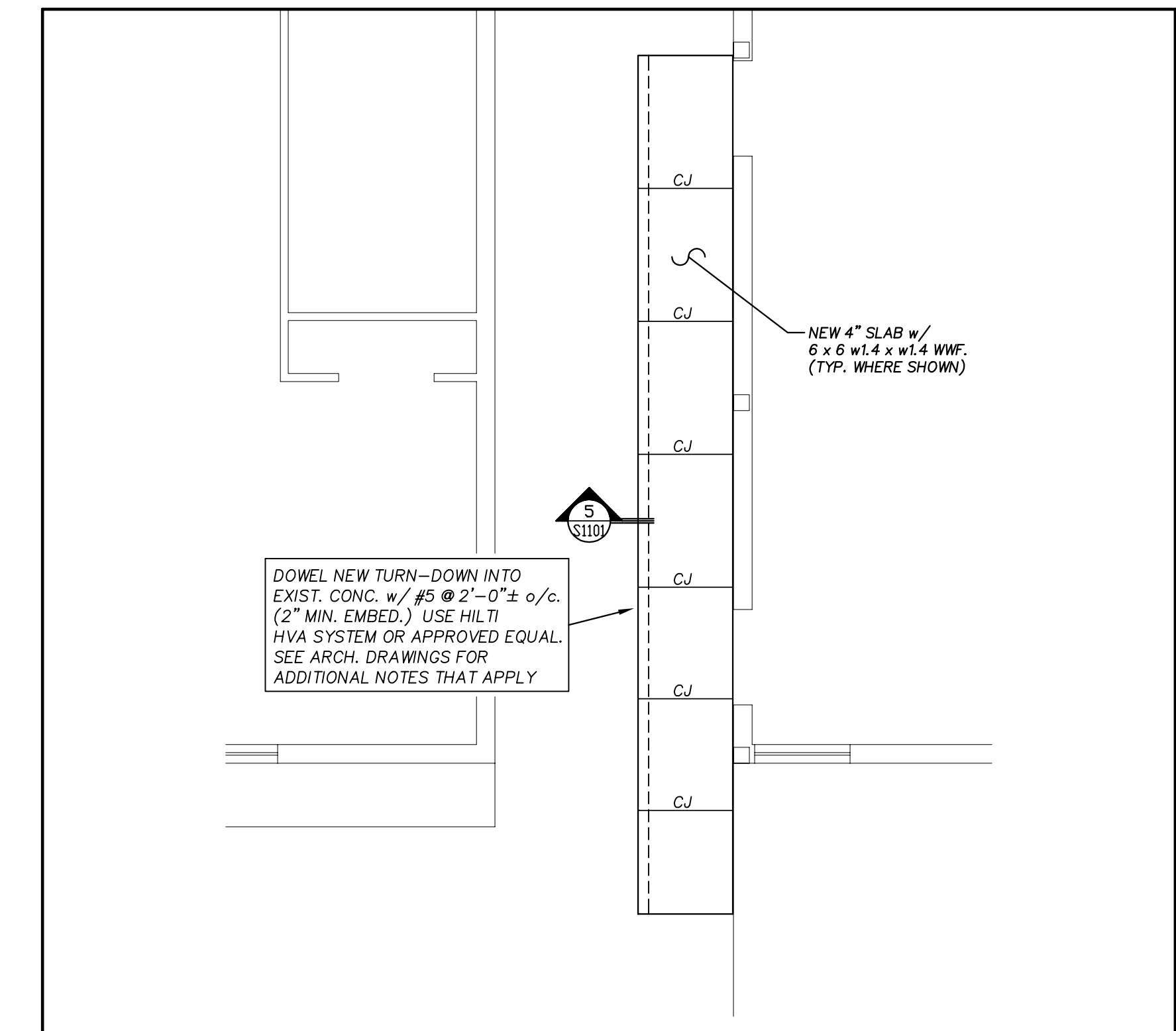
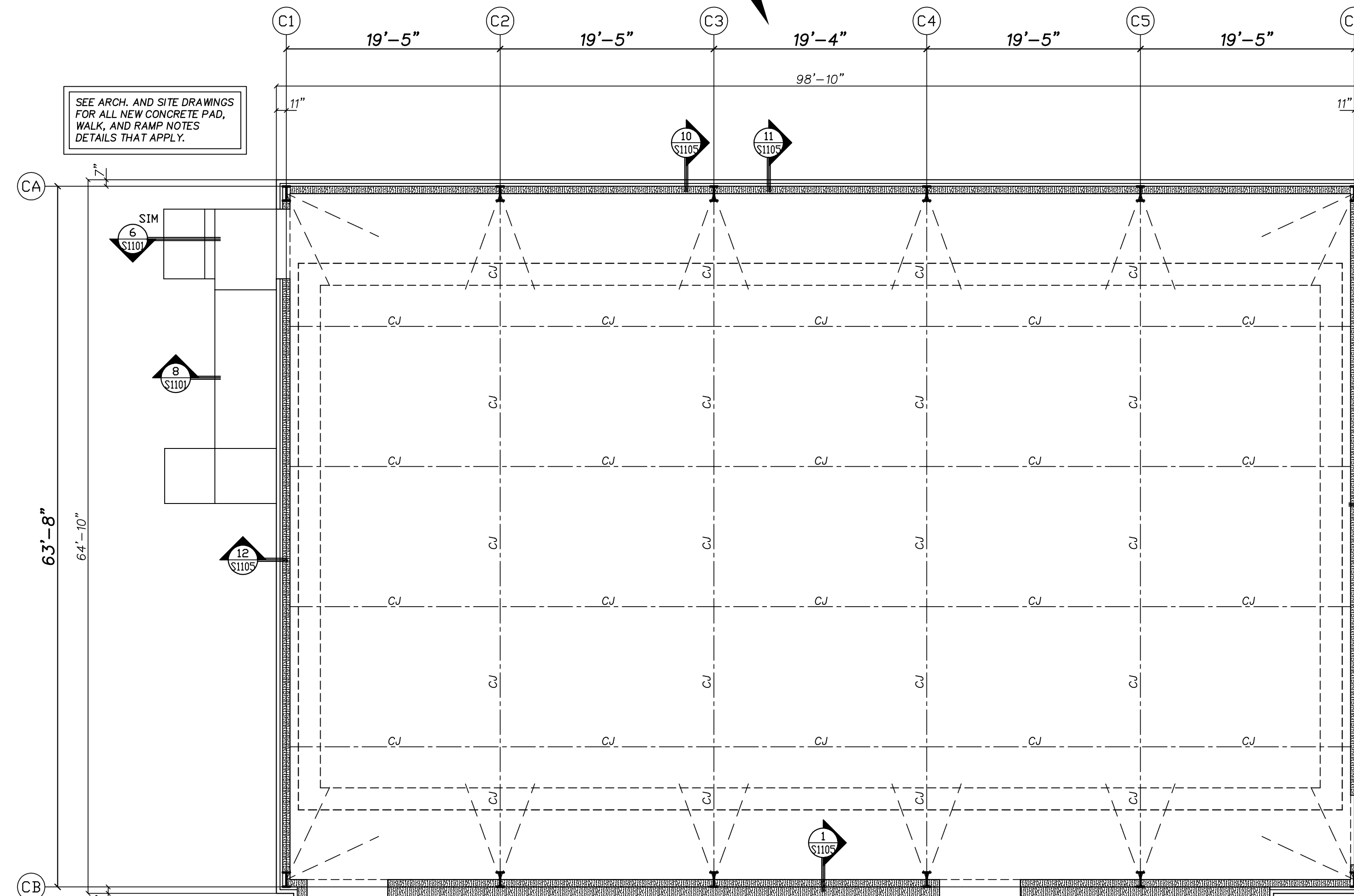
PRE-ENGINEERED METAL BUILDING SYSTEM GENERAL NOTES

1. ALL MAIN METAL BUILDING STRUCTURAL FRAM AND SYSTEM ELEMENTS SHALL BE DESIGNED AND FURNISHED AS A PART OF THE PRE-ENGINEERED BUILDING PACKAGE.
2. ALL STRUCTURAL DESIGN, FABRICATION, AND ERECTION WORK SHALL CONFORM TO ALL PERTINENT REQUIREMENTS OF THE LATEST EDITION OF THE FOLLOWING CODES AND PRACTICES:
 - A. AMERICAN INSTITUTE OF STEEL CONSTRUCTION - "SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS - ALLOWABLE STRESS DESIGN" AND THE "CODE OF STANDARD PRACTICE".
 - B. AMERICAN IRON AND STEEL INSTITUTE - "SPECIFICATION FOR THE DESIGN OF COLD FORMED STRUCTURAL MEMBERS".
 - C. METAL BUILDING MANUFACTURER'S ASSOCIATION - "LOW RISE BUILDING SYSTEMS MANUAL".
 - D. NORTH CAROLINA BUILDING CODE, LATEST RECOGNIZED EDITION.
 - E. ASCE 7 - MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES - LATEST RECOGNIZED EDITION.
3. ALL LIGHT GAGE MEMBERS SHALL BE FURNISHED AS DESIGNED IN ACCORDANCE WITH "SPECIFICATION FOR THE DESIGN OF COLD FORMED STRUCTURAL MEMBERS" OF THE AMERICAN IRON AND STEEL INSTITUTE.
4. UNLESS OTHERWISE NOTED ALL STEEL PLATE AND SHEET UTILIZED IN THE FABRICATIONS OF THE MAIN FRAMES OTHER THAN LIGHT GAGE MEMBERS SHALL CONFORM TO ASTM A570, A606, & A607 WITH MINIMUM YIELD STRENGTH OF 42 AND 50 KSI AS REQUIRED BY THE DESIGN OF THE PART.
5. ALL SHEET STEEL FOR LIGHT GAGE MEMBERS SHALL CONFORM TO ASTM A570 GRADE 55 WITH MINIMUM YIELD OF 57 KSI UNLESS OTHERWISE NOTED.
6. CONNECTION BOLTS SHALL BE FURNISHED AS PART OF THE PRE-ENGINEERED BUILDING PACKAGE AS DESIGNED BY THE BUILDING SUPPLIER. THE REQUIRED TIGHTENING PROCEDURES WHETHER FULLY PRE-TENSIONED OR SAID TIGHT FOR ALL ASTM A325 BOLTS SHALL BE NOTED ON THE PRE-ENGINEERED BUILDING DRAWINGS.
7. PLACE A HARDENED FLAT WASHER OVER ALL EXPOSED SLOTTED HOLES IN ALL CONNECTIONS.
8. REFER TO CONTRACT DRAWINGS FOR BUILDING EAVE HEIGHTS MEASURED FROM THE MAIN FINISH FLOOR TO THE TOP OF THE ROOF PURLINS.
9. HORIZONTAL BUILDING DRIFT SHALL BE LIMITED TO H/400.
10. THE PRE-ENGINEERED BUILDING COMPONENTS SHALL BE SHOP PRIMED WITH RUST INHIBITIVE RED OXIDE PRIMER.
11. THE PRE-ENGINEERED BUILDING SUPPLIER SHALL HAVE BEEN IN THE BUSINESS OF SUPPLYING METAL BUILDING COMPONENTS OF THE TYPE SPECIFIED ON THIS PROJECT FOR A MINIMUM OF FIVE YEARS IN THE GEOGRAPHICAL AREA.
12. SUPPLY ANCHOR BOLT INFORMATION FOR THE PRE-ENGINEERED METAL BUILDING TO THE CONTRACTOR FOR SUPPLY BY A STRUCTURAL STEEL FABRICATOR EMPLOYED BY THE CONTRACTOR.
13. PROVIDE ALL NECESSARY VERTICAL WALL BRACING FOR BUILDING STABILITY. VERTICAL BRACING SHALL BE PORTAL FRAME TYPE AT LOCATIONS APPROVED BY THE ARCHITECT.
14. PROVIDE ALL NECESSARY HORIZONTAL ROOF BRACING FOR BUILDING STABILITY. HORIZONTAL BRACING SHALL BE ROD "X" BRACING AT LOCATIONS NOT INTERFERING WITH ROOF OPENINGS.
15. PROVIDE ALL NECESSARY HORIZONTAL WIND BEAMS, EAVE STRUTS AND OTHER COMPRESSION STRUT BRACING FOR BUILDING STABILITY.
16. ALL HORIZONTAL WIND BEAMS AT SIDEWALLS SHALL BE HSS 8 x 8 x 8 (MINIMUM) MEMBERS. REFER TO ARCHITECTURAL DRAWINGS.
17. REFER TO ARCHITECTURAL DRAWINGS FOR ALL FIXED OR RETRACTABLE BASKETBALL GOAL BACKBOARDS THAT ARE TO BE SUSPENDED FROM THE BUILDING STRUCTURE. PRE-ENGINEERED BUILDING SUPPLIER SHALL PROVIDE ALL NECESSARY AUXILIARY STRUCTURAL FRAMING FOR SUPPORT OF THE BACKBOARDS. ALL SUCH FRAMING SHALL BE APPROVED BY THE ARCHITECT, IF REQUIRED.
18. ROOF PANELS SHALL BE 24 GAGE MINIMUM THICKNESS STANDING SEAM PANELS WITH FINISH AS SPECIFIED BY ARCHITECT.
19. SUBMIT COMPLETE SHOP DRAWINGS AND DESIGN CALCULATIONS BEARING THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER DULY REGISTERED IN THE STATE OF NORTH CAROLINA.
20. SHOP DRAWING PACKAGE SHALL INCLUDE A CONSOLIDATED LISTING OF ALL WIND CASE BUILDING REACTION FORCES AT EACH COLUMN BASE. THE ENGINEER OF RECORD WILL REVIEW THE FOUNDATION DESIGN AND PROVIDE ANY REVISIONS REQUIRED TO SUPPORT THE REACTIONS PROVIDED. ANY FOUNDATION REVISIONS REQUIRED SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

MBMA SUBMITTAL LIST

- 1.) SOIL COMPACTION TESTS AND FIELD REPORTS
- 2.) CONCRETE MIX DESIGNS AND ADMIXTURES
- 3.) METAL BUILDING REACTIONS AND SHOP DRAWINGS
- 4.) CONCRETE CYLINDER BREAK REPORTS
- 5.) CONCRETE SLUMP TESTS
- 6.) CONCRETE FINISHING PRODUCTS AND METHODS
- 7.) ASTM GRAVEL / STONE CERTIFICATIONS
- 8.) STEEL REINFORCEMENT SHOP DRAWINGS

**BAND ROOM ADDITION
METAL BUILDING CONST.
BASE BID
THIS AREA**

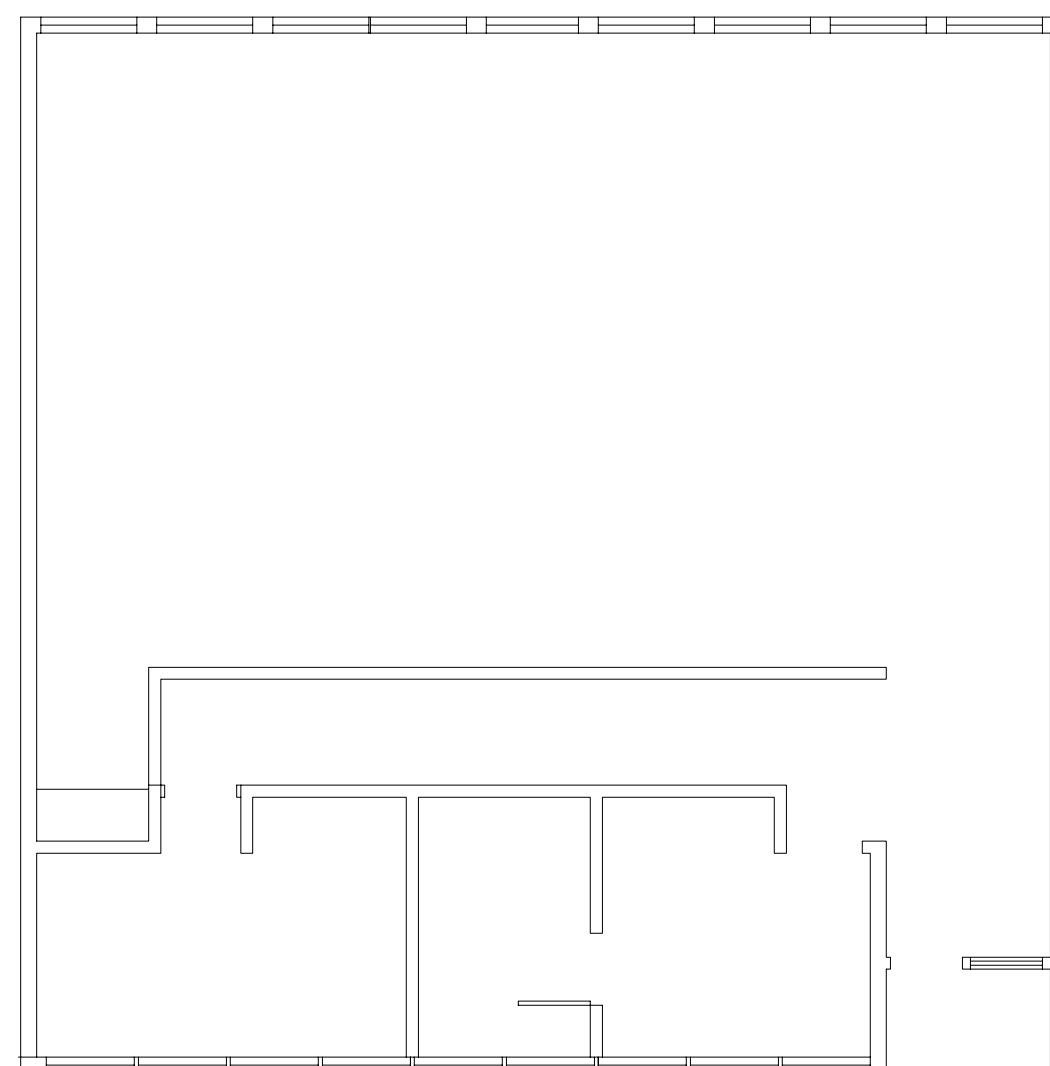


**NEW CAFETERIA RAMP
FOUNDATION PART PLAN - BASE BID** 1" = 1'-0"

- 1.) FOOTING DESIGN BASED ON AN SOIL BRG. CAPACITY OF 1500 PSF. (GEOTECHNICAL REPORT BY TERRACON, PROJECT NO. 7221516, DATED 25 FEB. 2022) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF RECORD IF UNSTABLE, ORGANIC, WEAK OR OTHERWISE UNACCEPTABLE SOIL CONDITIONS ARE ENCOUNTERED DURING EXCAVATIONS OR SUBSEQUENT GEOTECHNICAL INVESTIGATIONS.
- 2.) ELEV. NOTED (-) ARE BELOW REFERENCE FINISHED FLOOR TO TOP/FOOTING.
- 3.) SLAB ON GRADE IS NORMAL WEIGHT CONCRETE WITH REINFORCED WITH 6x6 W1.4 x W1.4 W/M ON A 4" NO. 57/67 WASHED STONE AND 15 MIL POLY VAPOR BARRIER, TYP. U.O.N.
- 4.) ALL CONCRETE SHALL BE A MINIMUM STRENGTH OF 3000 PSI MEETING ACI 301 AND ACI 318. ALL CONCRETE SHALL BE MIXED, HANDLED, SAMPLED, TESTED, AND PLACED IN ACCORDANCE WITH ACI STANDARDS. ALL SAMPLES SUBJECT TO PUMPING SHALL BE TAKEN AT THE EXIT END OF THE PUMP AT THE ELEVATION OF PLACEMENT. (REFERENCE ACI MANUAL OF CONCRETE PRACTICE).
- 5.) ALL REINFORCING BARS SHALL BE GRADE 60 CONFORMING TO ASTM 615. LAP BARS WHERE REQUIRED USING CLASS B TENSION LAP SPLICES, OR 40 BAR DIAMETERS. DEVELOPMENT LENGTHS SHALL BE CRSI MINIMUM UON.
- 6.) SEE S1101 FOR ADDITIONAL NOTES THAT APPLY.
- 7.) REFERENCE ARCHITECTURAL AND PLUMBING DRAWINGS FOR COORDINATION OF SLOPED FLOORS AT FLOOR DRAINS, AND DEPRESSED FLOOR SLAB LOCATIONS.
- 8.) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS.
- 9.) ARCHITECTURAL BACKGROUND IS SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF WALLS.
- 10.) THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS & ELEVATIONS PRIOR TO STARTING CONSTRUCTION AND ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
- 11.) SEE ARCHITECTURAL DRAWINGS FOR ALL POURED RAMP LOCATIONS AND DIMENSIONS, TYPICAL. CONSTRUCT ALL POURED RAMPS AND STAIRS IN ACCORDANCE WITH STRUCTURAL SECTIONS 6 & 8/S1101 AND ARCHITECTURAL DRAWINGS. SEE 16/S1101 FOR BOLLARD DETAIL. LOCATE ALL BOLLARDS PER ARCHITECTURAL DRAWINGS.

**BAND ROOM ADDITION
METAL BUILDING
FOUNDATION PART PLAN - BASE BID** 1" = 1'-0"

- 1.) FOOTING DESIGN BASED ON AN SOIL BRG. CAPACITY OF 1500 PSF. (GEOTECHNICAL REPORT BY TERRACON, PROJECT NO. 7221516, DATED 25 FEB. 2022) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF RECORD IF UNSTABLE, ORGANIC, WEAK OR OTHERWISE UNACCEPTABLE SOIL CONDITIONS ARE ENCOUNTERED DURING EXCAVATIONS OR SUBSEQUENT GEOTECHNICAL INVESTIGATIONS.
- 2.) ELEV. NOTED (-) ARE BELOW REFERENCE FINISHED FLOOR TO TOP/FOOTING.
- 3.) SLAB ON GRADE IS NORMAL WEIGHT CONCRETE WITH REINFORCED WITH 6x6 W1.4 x W1.4 W/M ON A 4" NO. 57/67 WASHED STONE AND 15 MIL POLY VAPOR BARRIER, TYP. U.O.N.
- 4.) ALL CONCRETE SHALL BE A MINIMUM STRENGTH OF 3000 PSI MEETING ACI 301 AND ACI 318. ALL CONCRETE SHALL BE MIXED, HANDLED, SAMPLED, TESTED, AND PLACED IN ACCORDANCE WITH ACI STANDARDS. ALL SAMPLES SUBJECT TO PUMPING SHALL BE TAKEN AT THE EXIT END OF THE PUMP AT THE ELEVATION OF PLACEMENT. (REFERENCE ACI MANUAL OF CONCRETE PRACTICE).
- 5.) ALL REINFORCING BARS SHALL BE GRADE 60 CONFORMING TO ASTM 615. LAP BARS WHERE REQUIRED USING CLASS B TENSION LAP SPLICES, OR 40 BAR DIAMETERS. DEVELOPMENT LENGTHS SHALL BE CRSI MINIMUM UON.
- 6.) SEE S1101 FOR ADDITIONAL NOTES THAT APPLY.
- 7.) REFERENCE ARCHITECTURAL AND PLUMBING DRAWINGS FOR COORDINATION OF SLOPED FLOORS AT FLOOR DRAINS, AND DEPRESSED FLOOR SLAB LOCATIONS.
- 8.) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS.
- 9.) ARCHITECTURAL BACKGROUND IS SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF WALLS.
- 10.) THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS & ELEVATIONS PRIOR TO STARTING CONSTRUCTION AND ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
- 11.) METAL BUILDING MANUFACTURER SHOP DRAWINGS AND REACTIONS SHALL BE SUBMITTED TO STRUCTURAL ENGINEER OF RECORD FOR REVIEW. ANY NECESSARY ADJUSTMENTS TO THE FOUNDATION SYSTEM SHALL BE MADE BY THE STRUCTURAL ENGINEER AT THAT TIME. NO CONSTRUCTION SHALL COMMENCE PRIOR TO THIS REVIEW BY THE STRUCTURAL ENGINEER OF RECORD.
- 12.) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPORT METAL BUILDING COLUMN REACTIONS, BASE PLATE SIZES, AND ANCHOR BOLT PATTERNS TO THE ENGINEER OF RECORD PRIOR TO THE PLACEMENT OF ANY CONCRETE.
- 13.) SEE ARCHITECTURAL DRAWINGS FOR ALL POURED RAMP LOCATIONS AND DIMENSIONS, TYPICAL. CONSTRUCT ALL POURED RAMPS AND STAIRS IN ACCORDANCE WITH STRUCTURAL SECTIONS 6 & 8/S1101 AND ARCHITECTURAL DRAWINGS. SEE 16/S1101 FOR BOLLARD DETAIL. LOCATE ALL BOLLARDS PER ARCHITECTURAL DRAWINGS.



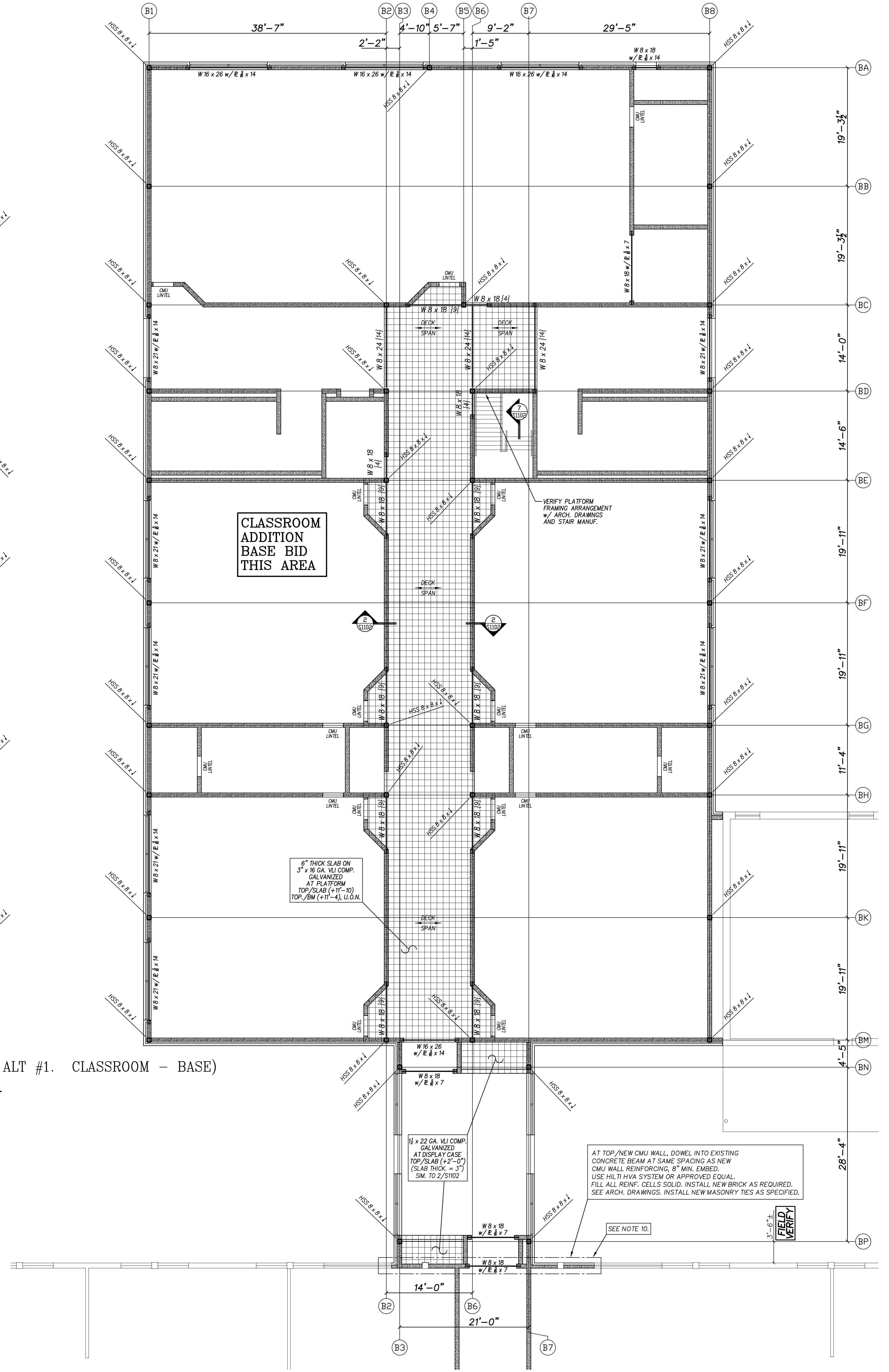
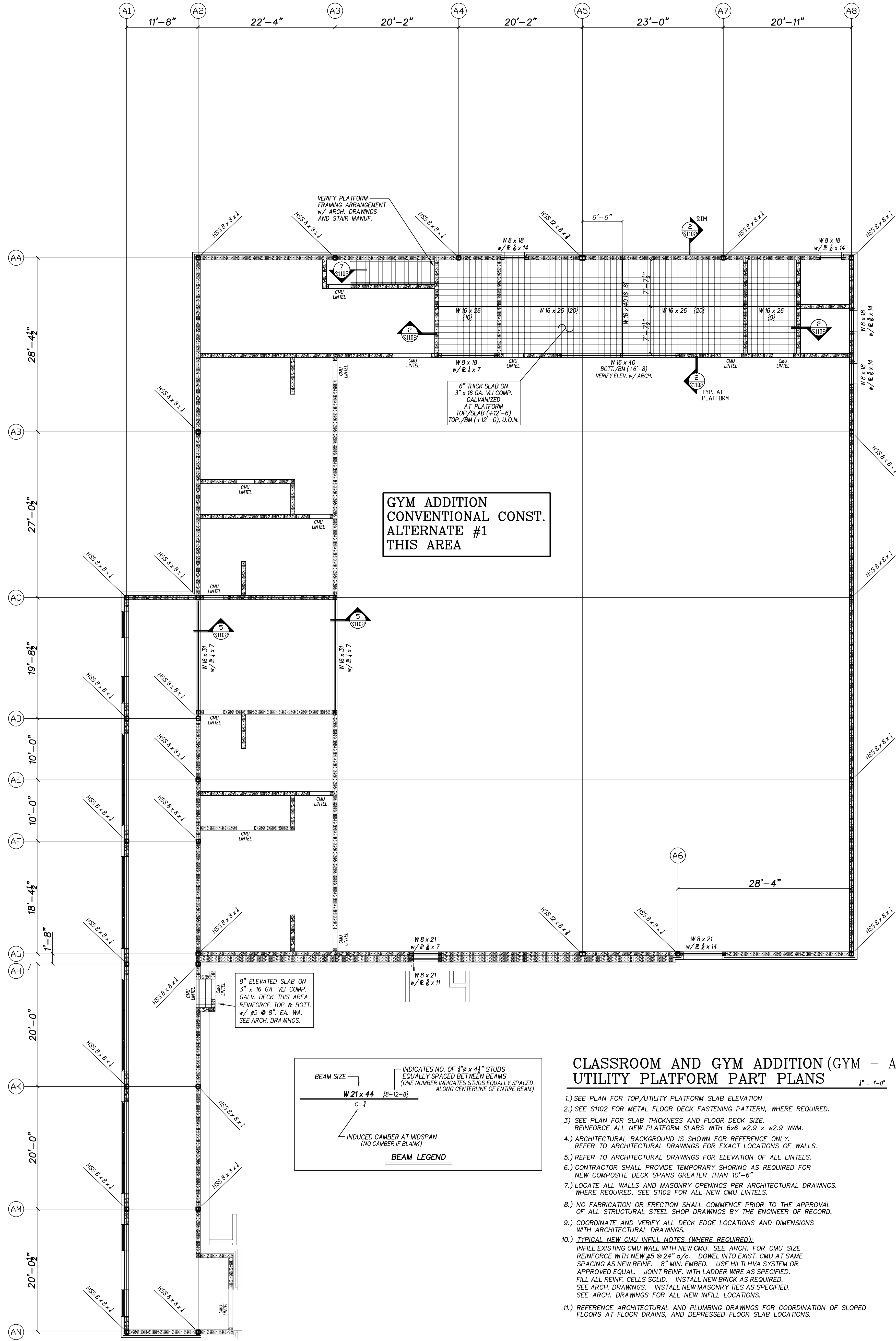
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N.C. LIC. C-1020
ENGINEER
BRUCE L. LOUEN
18991
23 OCT 2023

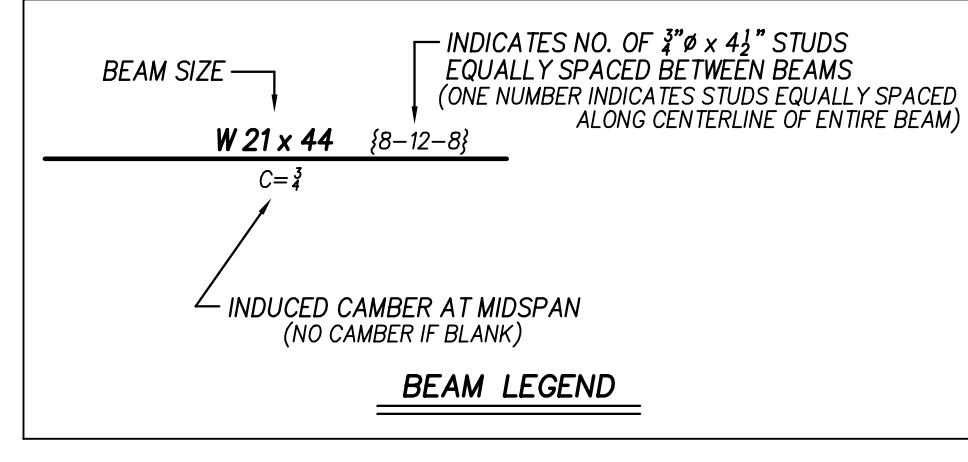
New Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112
Date: 23 OCT 2023
Drawing no. S 103



**CLASSROOM AND GYM ADDITION (GYM - ALT #1. CLASSROOM - BASE)
UTILITY PLATFORM PART PLANS**

- 1.) SEE PLAN FOR TOP/UTILITY PLATFORM SLAB ELEVATION
- 2.) SEE S102 FOR METAL FLOOR DECK FASTENING PATTERN, WHERE REQUIRED.
- 3.) SEE PLAN FOR SLAB THICKNESS AND FLOOR DECK SIZE. REINFORCE ALL NEW PLATFORM SLABS WITH 6x6 w2.9 x w2.9 WWM.
- 4.) ARCHITECTURAL BACKGROUND IS SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF WALLS.
- 5.) REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATION OF ALL LINTELS.
- 6.) CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AS REQUIRED FOR NEW COMPOSITE DECK SPANS GREATER THAN 10'-6".
- 7.) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS, WHERE REQUIRED, SEE S102 FOR ALL NEW OMI LINTELS.
- 8.) NO FABRICATION OR ERECTION SHALL COMMENCE PRIOR TO THE APPROVAL OF ALL STRUCTURAL STEEL SHOP DRAWINGS BY THE ENGINEER OF RECORD.
- 9.) COORDINATE AND VERIFY ALL DECK EDGE LOCATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- 10.) TYPICAL NEW OMI INFILL NOTES (WHERE REQUIRED):
INFILL EXISTING OMI WALL WITH NEW OMI. SEE ARCH. FOR OMI SIZE REINFORCE WITH NEW #5 @ 24" O.C. DOWEL INTO EXIST. OMI AT SAME SPACING AS NEW REINF. 8" MIN. EMBED. USE HILTI HVA SYSTEM OR APPROVED EQUAL. JOINT REINF. WITH LADDER WIRE AS SPECIFIED. FILL ALL REINF. CELLS SOLID. INSTALL NEW BRICK AS REQUIRED. SEE ARCH. DRAWINGS. INSTALL NEW MASONRY TIES AS SPECIFIED. SEE ARCH. DRAWINGS FOR ALL NEW INFILL LOCATIONS.
- 11.) REFERENCE ARCHITECTURAL AND PLUMBING DRAWINGS FOR COORDINATION OF SLOPED FLOORS AT FLOOR DRAINS, AND DEPRESSED FLOOR SLAB LOCATIONS.



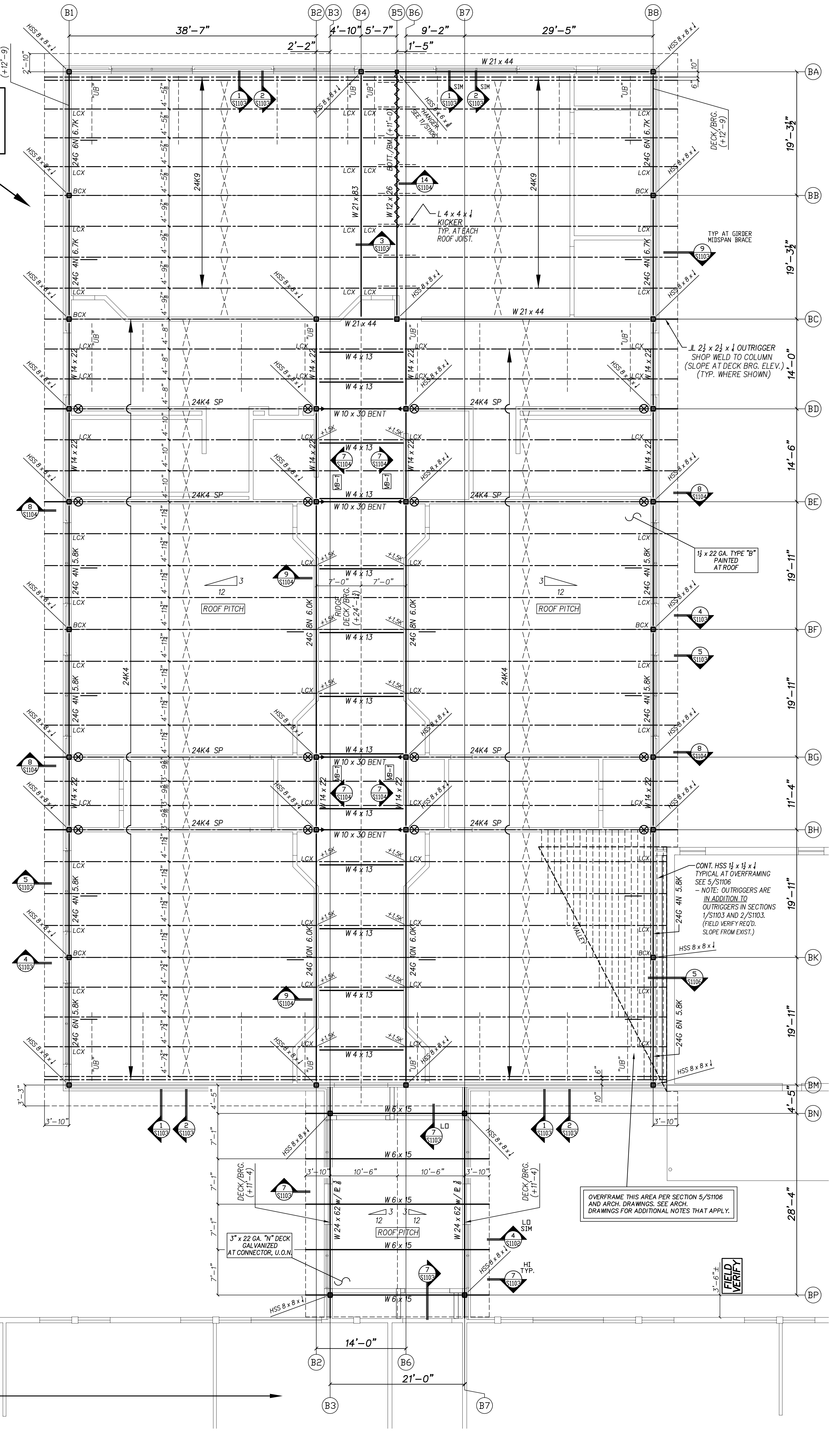
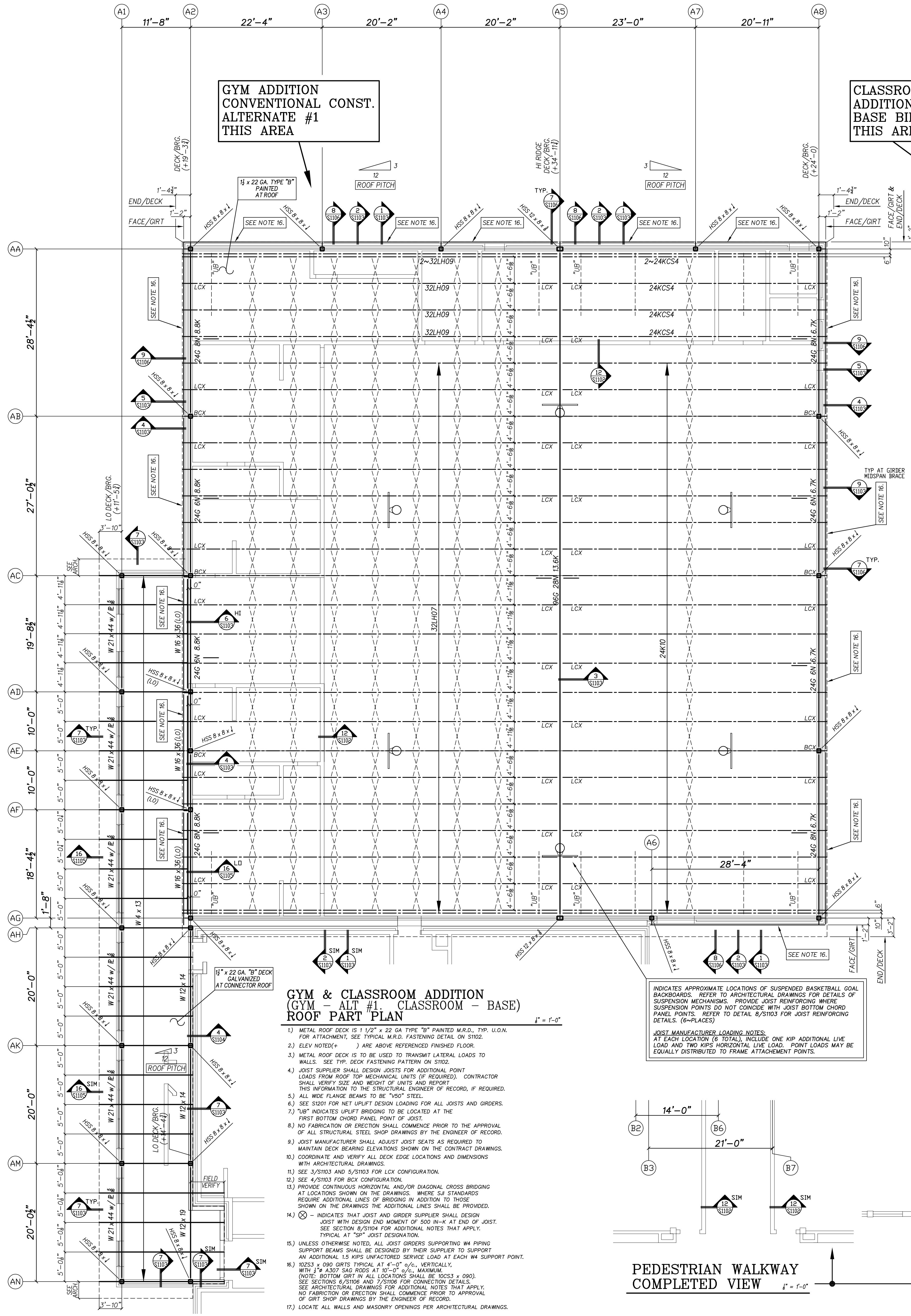
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STATE OF NORTH CAROLINA
18991
23 OCT 2023

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4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112
Date: 23 OCT 2023
Drawing No. S 104



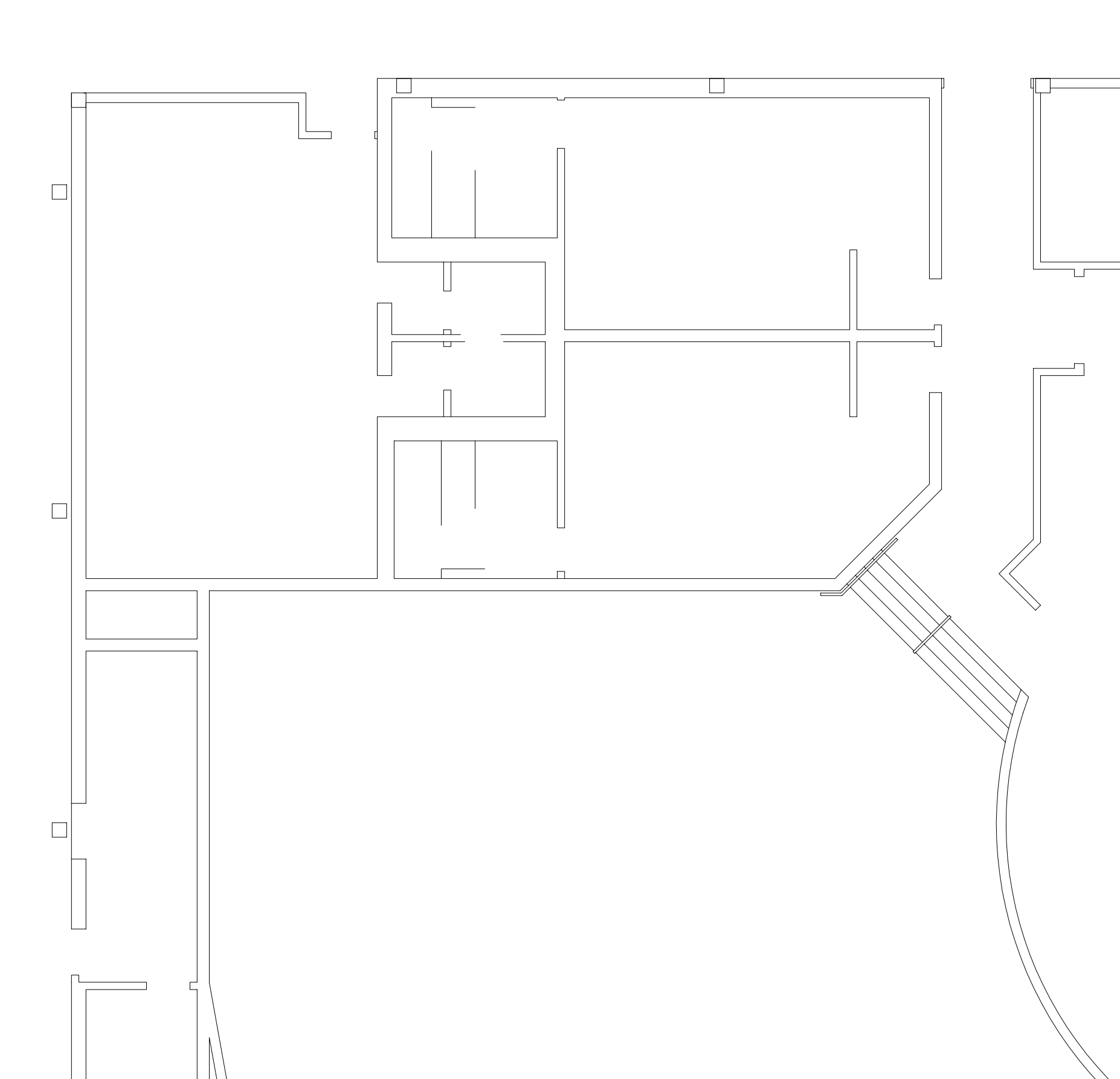
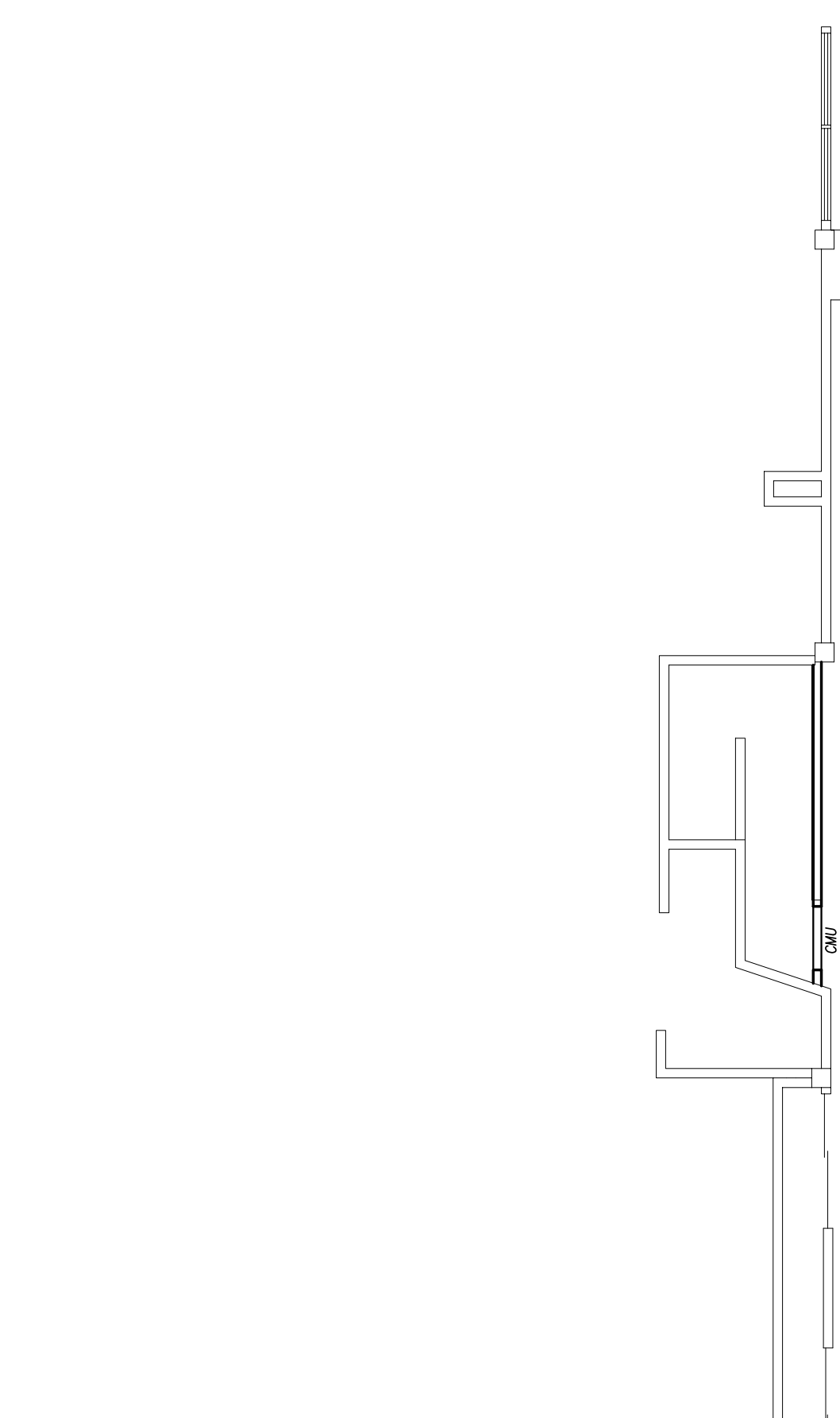
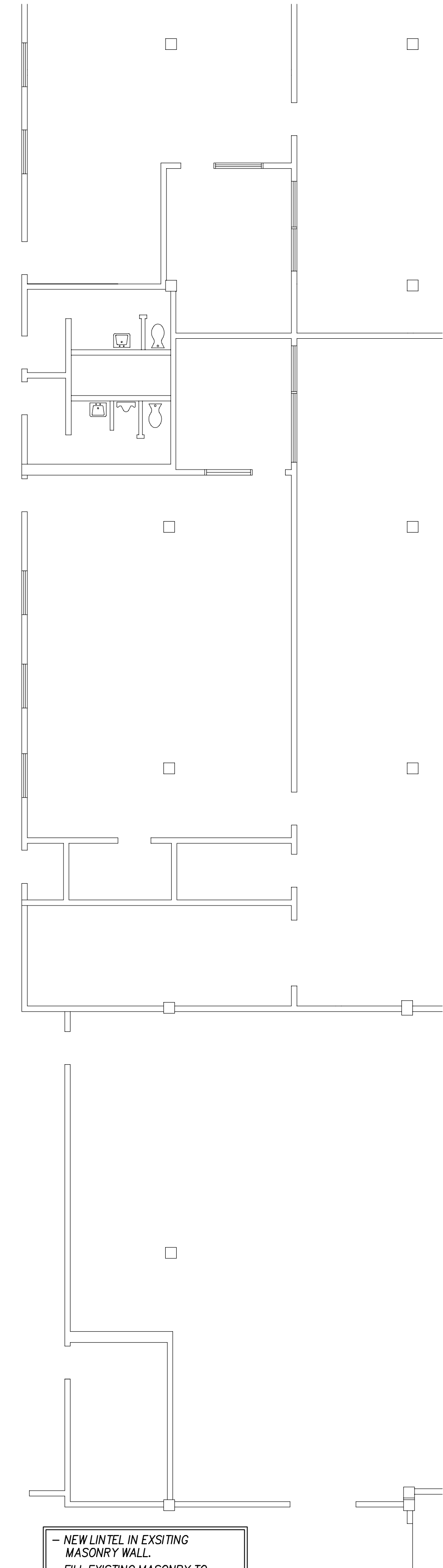
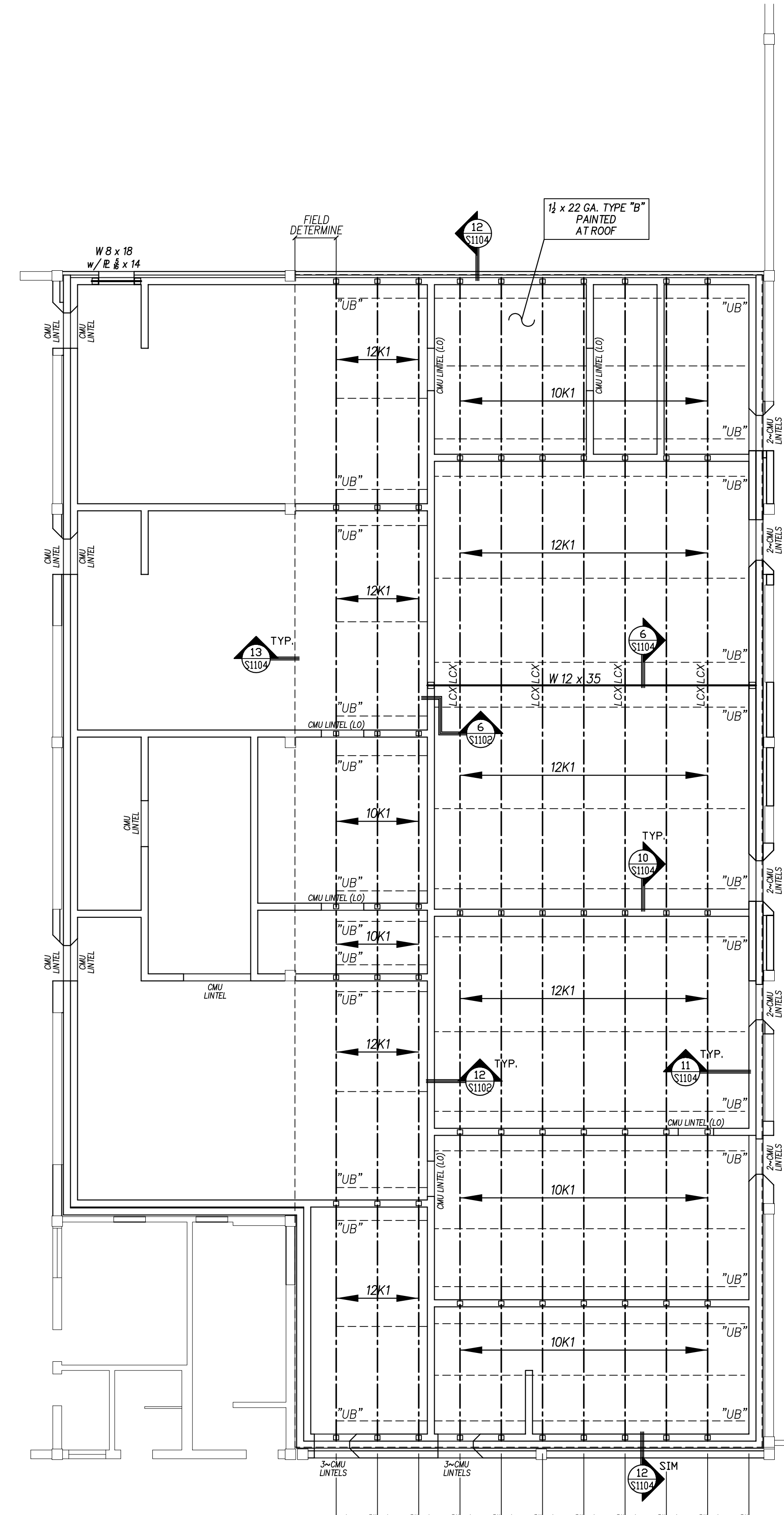
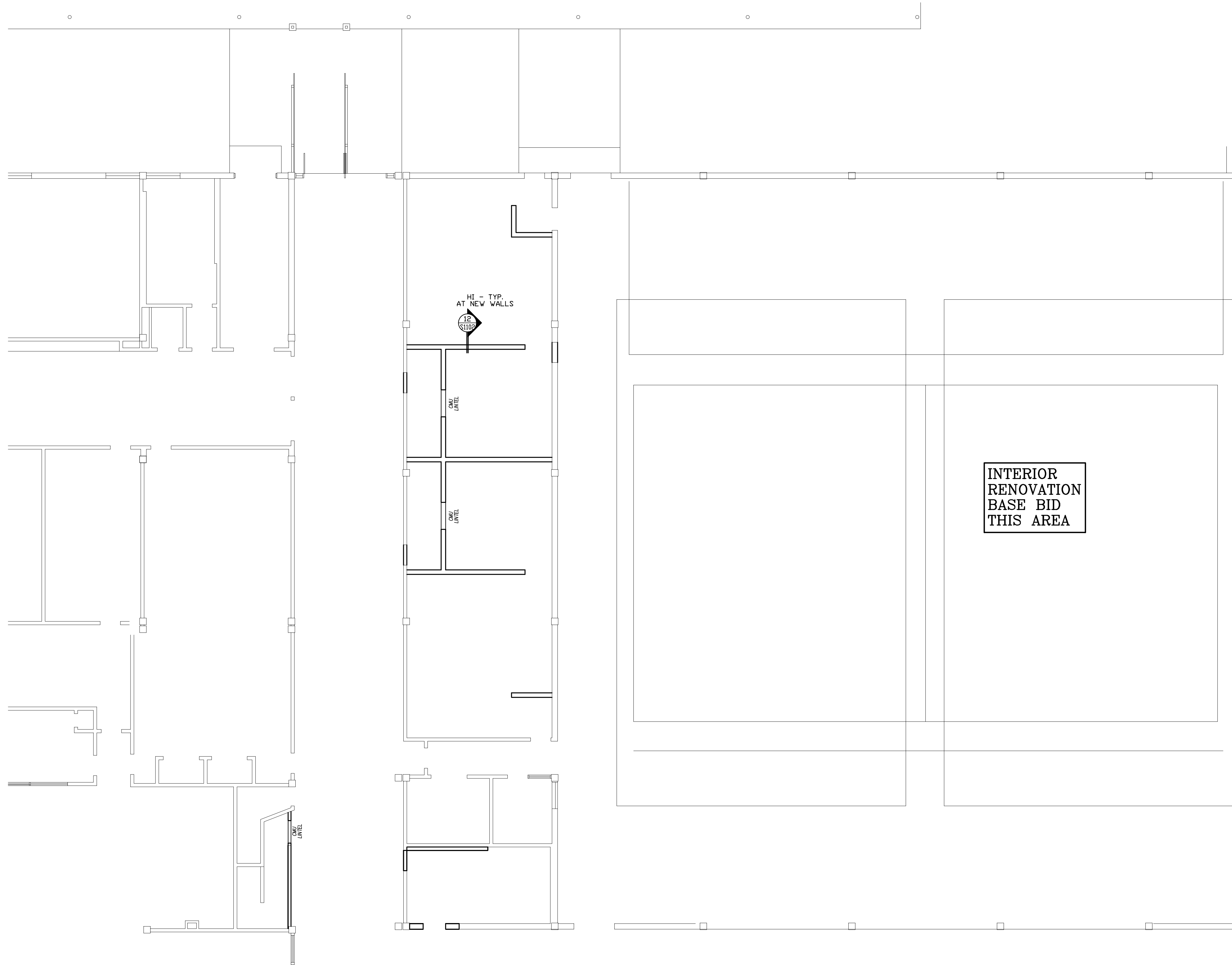
Project No.	22112
Date	23 OCT 2023
Drawing no.	S 105

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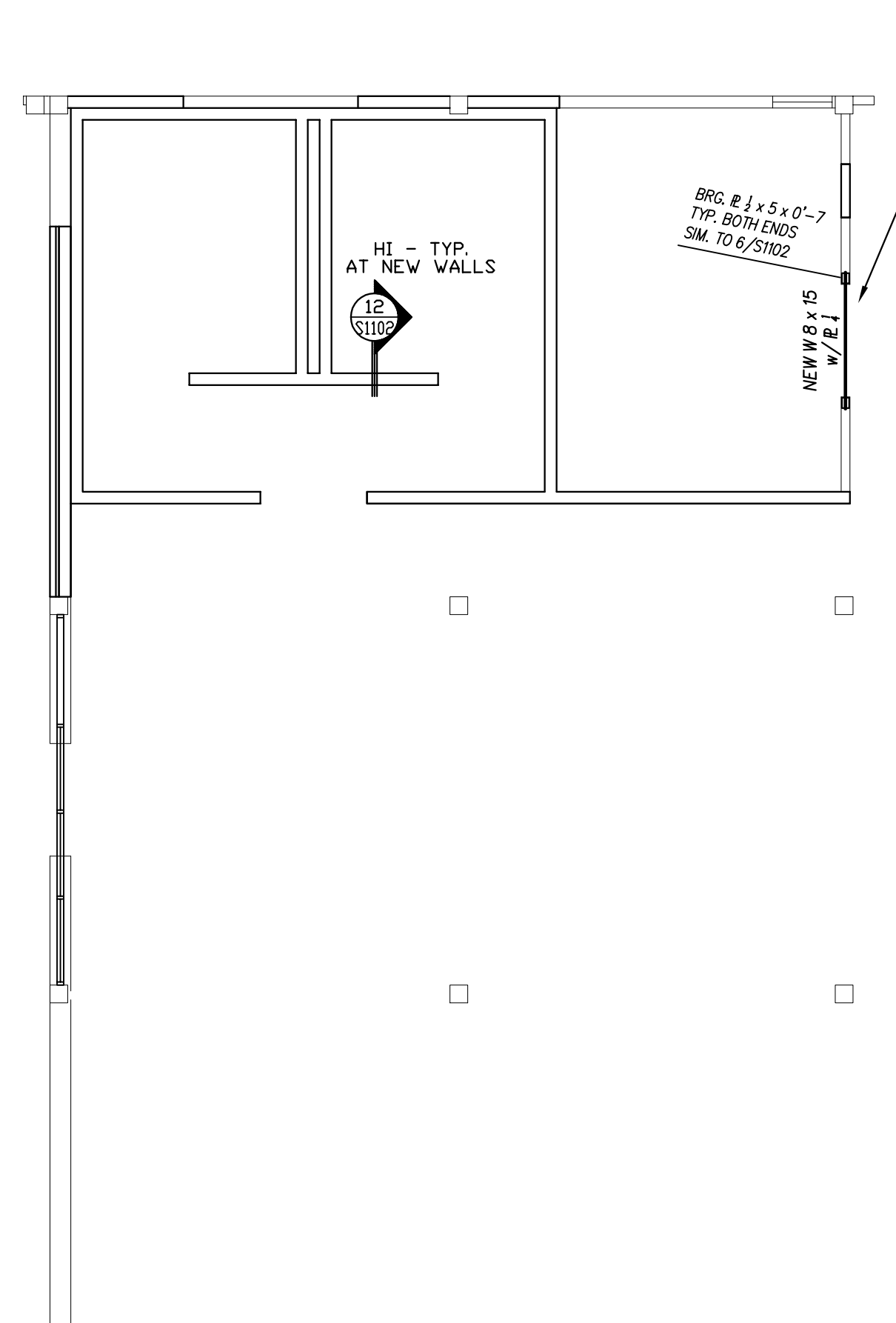
Princess Anne
NORTH CAROLINA PROFESSIONAL ENGINEERS & ARCHITECTS
18991
ENGINEER
BRUCE W. QUINN
23 OCT 2023

New Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
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**INTERIOR RENOVATION
ROOF PART PLAN - BASE BID** 1" = 1'-0"

- 1.) METAL ROOF DECK IS 1 1/2" x 22 GA. TYPE "B" PAINTED M.R.D., TYP. U.O.N. FOR ATTACHMENT. SEE TYPICAL M.R.D. FASTENING DETAIL ON S102.
- 2.) ELEV NOTED(+) ARE ABOVE REFERENCED FINISHED FLOOR.
- 3.) METAL ROOF DECK IS TO BE USED TO TRANSMIT LATERAL LOADS TO WALLS. SEE TYP. DECK FASTENING PATTERN ON S102.
- 4.) JOIST SUPPLIER SHALL DESIGN JOISTS FOR ADDITIONAL POINT LOADS FROM ROOF TOP MECHANICAL UNITS (IF REQUIRED). CONTRACTOR SHALL VERIFY SIZE AND WEIGHT OF UNITS AND REPORT THIS INFORMATION TO THE STRUCTURAL ENGINEER OF RECORD, IF REQUIRED.
- 5.) ALL WIDE FLANGE BEAMS TO BE "A50" STEEL.
- 6.) SEE S1201 FOR NET UPLIFT DESIGN LOADING FOR ALL JOISTS AND GIRDERS.
- 7.) "UB" INDICATES UPLIFT BRIDGING TO BE LOCATED AT THE FIRST BOTTOM CHORD PANEL POINT OF JOIST.
- 8.) NO FABRICATION OR ERECTION SHALL COMMENCE PRIOR TO THE APPROVAL OF ALL STRUCTURAL STEEL SHOP DRAWINGS BY THE ENGINEER OF RECORD.
- 9.) JOIST MANUFACTURER SHALL ADJUST JOIST SEATS AS REQUIRED TO MAINTAIN DECK BEARING ELEVATIONS SHOWN ON THE CONTRACT DRAWINGS.
- 10.) COORDINATE AND VERIFY ALL DECK EDGE LOCATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- 12.) SEE 3/S103 AND 5/S103 FOR LCX CONFIGURATION.
- 13.) SEE 4/S103 FOR BCK CONFIGURATION.
- 14.) PROVIDE CONTINUOUS HORIZONTAL AND/OR DIAGONAL CROSS BRIDGING AT LOCATIONS SHOWN ON THE DRAWINGS. WHERE SA STANDARDS REQUIRE ADDITIONAL LINES OF BRIDGING IN ADDITION TO THOSE SHOWN ON THE DRAWINGS THE ADDITIONAL LINES SHALL BE PROVIDED.
- 15.) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS.



- NEW LINTEL IN EXISTING MASONRY WALL.
- FILL EXISTING MASONRY TO BEARING PER 6/S102
- SEE ARCH. FOR ADDITIONAL NOTES THAT APPLY.
- LINTEL & WIDTH SHALL BE 1"± LESS THAN WALL WIDTH. FIELD VERIFY AS REQUIRED.

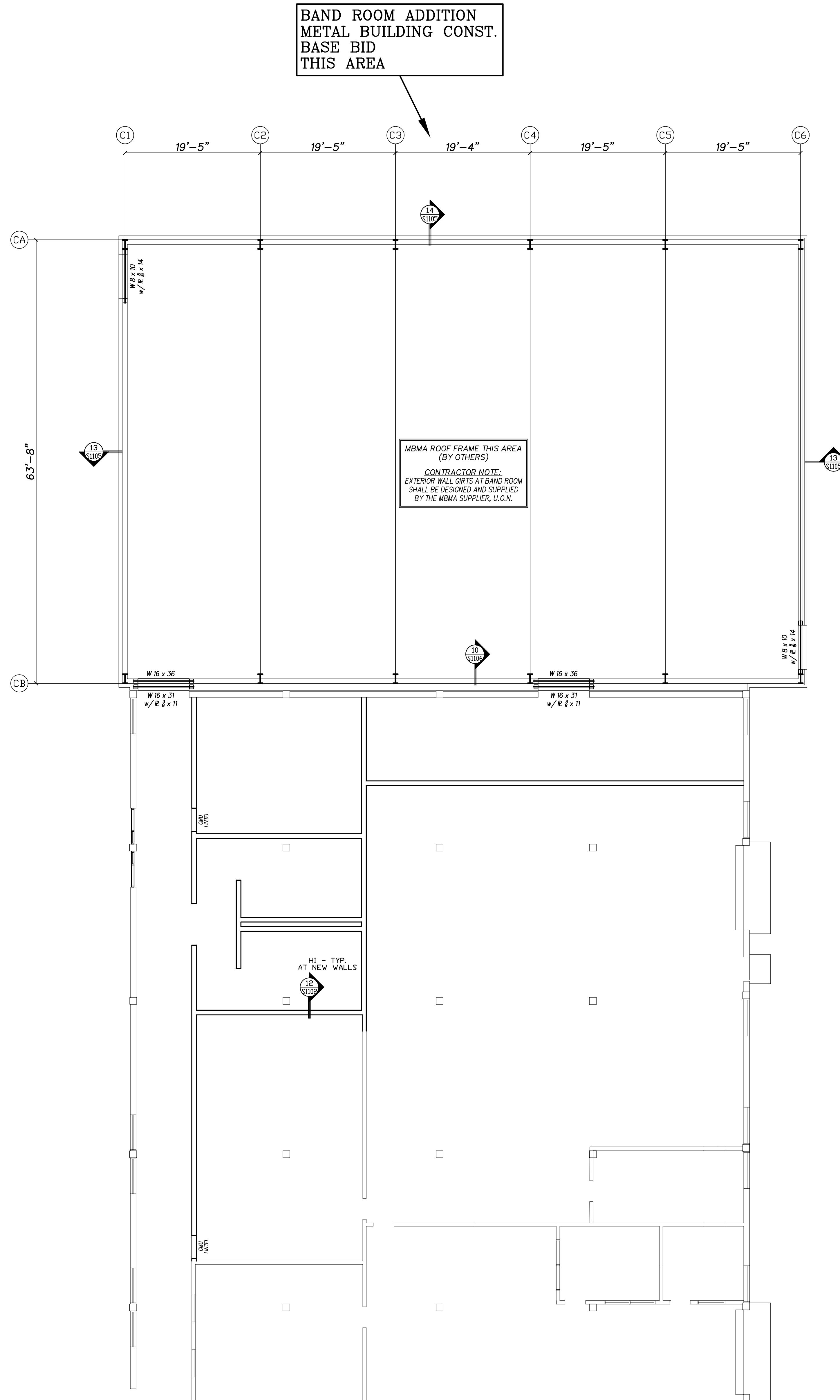
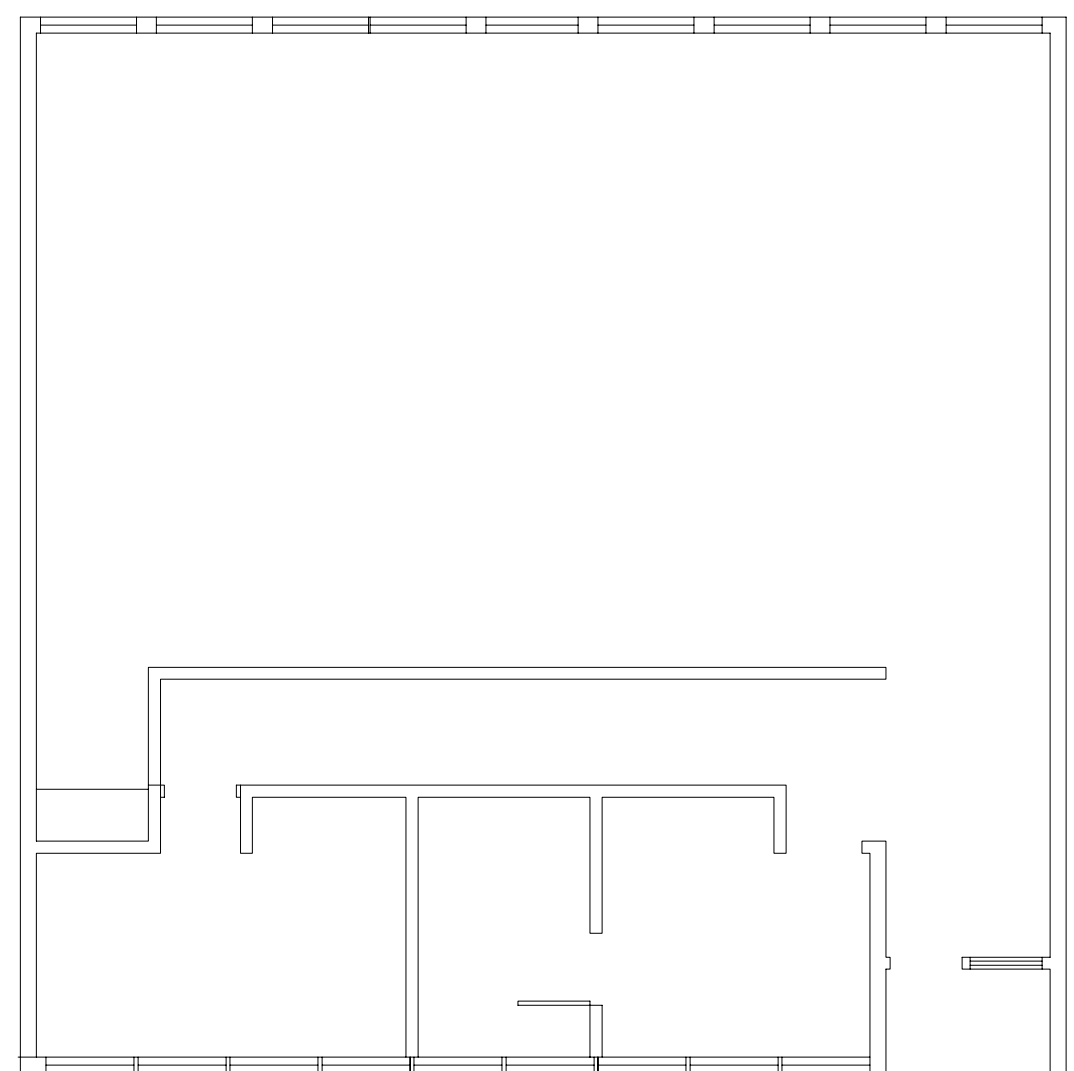
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REGISTERED PROFESSIONAL ENGINEER
SINCE 1988
BRUCE QUINN
23 OCT 2023

New Additions to
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4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

Project No. 22112
Date: 23 OCT 2023
Drawing No. S 106



BAND ROOM ADDITION
METAL BUILDING CONST.
BASE BID
THIS AREA

MBMA ROOF FRAME THIS AREA
(BY OTHERS)
CONTRACTOR NOTE:
EXTERIOR WALL GIRTS AT BAND ROOM
SHALL BE DESIGNED AND SUPPLIED
BY THE MBMA SUPPLIER, U.O.N.

HI - TYP.
AT NEW WALLS

**BAND ROOM ADDITION
METAL BUILDING
ROOF PART PLAN - BASE BID** 1/8" = 1'-0"

- 1.) ARCHITECTURAL BACKGROUND IS SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF WALLS.
- 2.) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS. WHERE REQUIRED, SEE S102 FOR ALL NEW CMU LINTELS.
- 3.) NO FABRICATION OR ERECTION SHALL COMMENCE PRIOR TO THE APPROVAL OF ALL STRUCTURAL STEEL SHOP DRAWINGS BY THE ENGINEER OF RECORD.
- 4.) COORDINATE AND VERIFY ALL DECK EDGE LOCATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- 5.) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS.

No.	Date	Revision

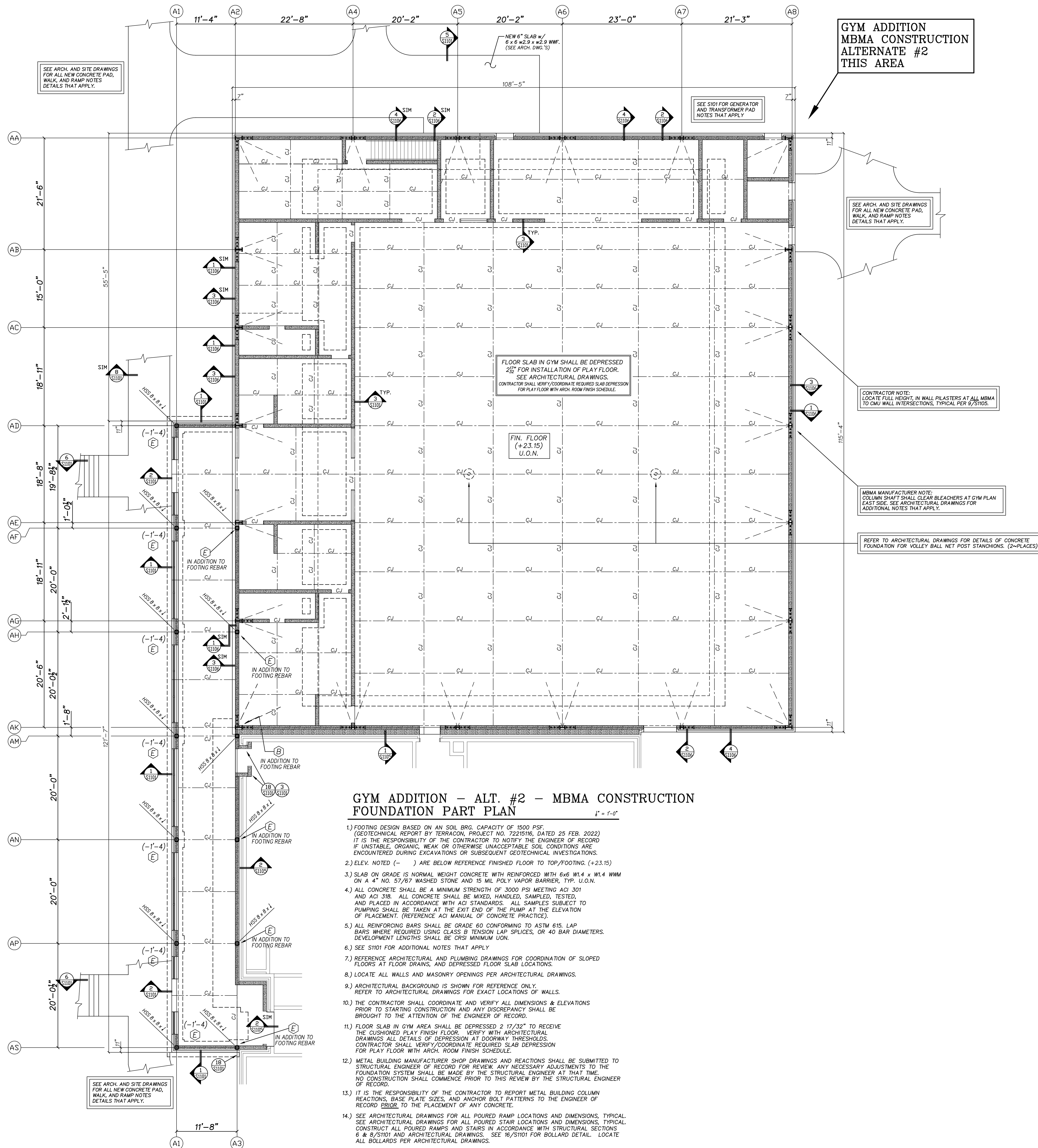
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Bruce L. Owen
ENGINEER
18991
23 OCT 2023

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Date: 23 OCT 2023
Drawing no. **S**
107



GYM ADDITION - ALT. #2 - MBMA CONSTRUCTION
FOUNDATION PART PLAN
1" = 1'-0"

- 1.) FOOTING DESIGN BASED ON AN SOIL BRG. CAPACITY OF 1500 PSF. (GEO TECHNICAL REPORT BY TERRACON, PROJECT NO. 2225116, DATED 25 FEB. 2022) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF RECORD IF UNSTABLE, ORGANIC, WEAK OR OTHERWISE UNACCEPTABLE SOIL CONDITIONS ARE ENCOUNTERED DURING EXCAVATIONS OR SUBSEQUENT GEO TECHNICAL INVESTIGATIONS.
- 2.) ELEV. NOTED (-) ARE BELOW REFERENCE FINISHED FLOOR TO TOP/FOOTING. (+23.15)
- 3.) SLAB ON GRADE IS NORMAL WEIGHT CONCRETE WITH REINFORCED WITH 6x6 W1.4 x W1.4 W/M ON A 4" NO. 5/8" WASHED STONE AND 15 MIL. POLY VAPOR BARRIER, TYP. U.O.N.
- 4.) ALL CONCRETE SHALL BE A MINIMUM STRENGTH OF 3000 PSI MEETING ACI 301 AND ACI 318. ALL CONCRETE SHALL BE MIXED, HANDLED, SAMPLED, TESTED, AND PLACED IN ACCORDANCE WITH ACI STANDARDS. ALL SAMPLES SUBJECT TO PUMPING SHALL BE TAKEN AT THE EXIT END OF THE PUMP AT THE ELEVATION OF PLACEMENT. (REFERENCE ACI MANUAL OF CONCRETE PRACTICE).
- 5.) ALL REINFORCING BARS SHALL BE GRADE 60 CONFORMING TO ASTM 615. LAP BARS WHERE REQUIRED USING CLASS B TENSION LAP SPLICES, OR 40 BAR DIAMETERS. DEVELOPMENT LENGTHS SHALL BE CRS MINIMUM UGN.
- 6.) SEE S101 FOR ADDITIONAL NOTES THAT APPLY.
- 7.) REFERENCE ARCHITECTURAL AND PLUMBING DRAWINGS FOR COORDINATION OF SLOPED FLOORS AT FLOOR DRAINS, AND DEPRESSED FLOOR SLAB LOCATIONS.
- 8.) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS.
- 9.) ARCHITECTURAL BACKGROUND IS SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF WALLS.
- 10.) THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS & ELEVATIONS PRIOR TO STARTING CONSTRUCTION AND ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
- 11.) FLOOR SLAB IN GYM AREA SHALL BE DEPRESSED 2 17/32" TO RECEIVE THE CUSHIONED PLAY FINISH FLOOR. VERIFY WITH ARCHITECTURAL DRAWINGS ALL DETAILS OF DEPRESSION AT DOORWAY THRESHOLDS. CONTRACTOR SHALL VERIFY/COORDINATE REQUIRED SLAB DEPRESSION FOR PLAY FLOOR WITH ARCH. ROOM FINISH SCHEDULE.
- 12.) METAL BUILDING MANUFACTURER SHOP DRAWINGS AND REACTIONS SHALL BE SUBMITTED TO STRUCTURAL ENGINEER OF RECORD FOR REVIEW. ANY NECESSARY ADJUSTMENTS TO THE FOUNDATION SYSTEM SHALL BE MADE BY THE STRUCTURAL ENGINEER AT THAT TIME. NO CONSTRUCTION SHALL COMMENCE PRIOR TO THIS REVIEW BY THE STRUCTURAL ENGINEER OF RECORD.
- 13.) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPORT METAL BUILDING COLUMN REACTIONS, BASE PLATE SIZES, AND ANCHOR BOLT PATTERNS TO THE ENGINEER OF RECORD PRIOR TO THE PLACEMENT OF ANY CONCRETE.
- 14.) SEE ARCHITECTURAL DRAWINGS FOR ALL POURED RAMP LOCATIONS AND DIMENSIONS, TYPICAL. SEE ARCHITECTURAL DRAWINGS FOR ALL POURED STAIR LOCATIONS AND DIMENSIONS, TYPICAL. CONSTRUCT ALL POURED RAMPS AND STAIRS IN ACCORDANCE WITH STRUCTURAL SECTIONS 6 & 8/S101 AND ARCHITECTURAL DRAWINGS. SEE 16/S101 FOR BOLLARD DETAIL. LOCATE ALL BOLLARDS PER ARCHITECTURAL DRAWINGS.

PRE-ENGINEERED METAL BUILDING SYSTEM GENERAL NOTES

1. ALL MAIN METAL BUILDING STRUCTURAL FRAME AND SYSTEM ELEMENTS SHALL BE DESIGNED AND FURNISHED AS A PART OF THE PRE-ENGINEERED BUILDING PACKAGE.
2. ALL STRUCTURAL DESIGN, FABRICATION, AND ERECTION WORK SHALL CONFORM TO ALL PERTINENT REQUIREMENTS OF THE LATEST EDITION OF THE FOLLOWING CODES AND PRACTICES.
 - A. AMERICAN INSTITUTE OF STEEL CONSTRUCTION - "SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS - ALLOWABLE STRESS DESIGN AND THE CODE OF STANDARD PRACTICE".
 - B. AMERICAN IRON AND STEEL INSTITUTE - "SPECIFICATION FOR THE DESIGN OF COLD FORMED STRUCTURAL MEMBERS".
 - C. METAL BUILDING MANUFACTURER'S ASSOCIATION - "LOW RISE BUILDING SYSTEMS MANUAL".
 - D. NORTH CAROLINA BUILDING CODE, LATEST RECOGNIZED EDITION.
 - E. ASCE 7 - MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES - LATEST RECOGNIZED EDITION.
3. ALL LIGHT GAGE MEMBERS SHALL BE FURNISHED AS DESIGNED IN ACCORDANCE WITH "SPECIFICATION FOR THE DESIGN OF COLD FORMED STRUCTURAL MEMBERS" OF THE AMERICAN IRON AND STEEL INSTITUTE.
4. UNLESS OTHERWISE NOTED ALL STEEL PLATE AND SHEET UTILIZED IN THE FABRICATIONS OF THE MAIN FRAMES OTHER THAN LIGHT GAGE MEMBERS SHALL CONFORM TO ASTM A570, A806 & A807 WITH MINIMUM YIELD STRENGTH OF 42 AND 50 KSI AS REQUIRED BY THE DESIGN OF THE PART.
5. ALL SHEET STEEL FOR LIGHT GAGE MEMBERS SHALL CONFORM TO ASTM A570 GRADE 55 WITH MINIMUM YIELD OF 57 KSI UNLESS OTHERWISE NOTED.
6. CONNECTION BOLTS SHALL BE FURNISHED AS PART OF THE PRE-ENGINEERED BUILDING PACKAGE AS DESIGNED BY THE BUILDING SUPPLIER. THE REQUIRED TIGHTENING MOMENTS WHETHER FULLY PRE-TENSIONED OR SNUG TIGHT FOR ALL ASTM A325 BOLTS SHALL BE NOTED ON THE PRE-ENGINEERED BUILDING DRAWINGS.
7. PLACE A HARDENED FLAT WASHER OVER ALL EXPOSED SLOTTED HOLES IN ALL CONNECTIONS.
8. REFER TO CONTRACT DRAWINGS FOR BUILDING EAVE HEIGHTS MEASURED FROM THE MAIN FINISH FLOOR TO THE TOP OF THE ROOF PURLINS.
9. HORIZONTAL BUILDING DRIFT SHALL BE LIMITED TO H/400.
10. THE PRE-ENGINEERED BUILDING COMPONENTS SHALL BE SHOP PRIMED WITH RUST INHIBITIVE RED OXIDE PRIMER.
11. THE PRE-ENGINEERED BUILDING SUPPLIER SHALL HAVE BEEN IN THE BUSINESS OF SUPPLYING METAL BUILDING COMPONENTS OF THE TYPE SPECIFIED ON THIS PROJECT FOR A MINIMUM OF FIVE YEARS IN THE GEOGRAPHICAL AREA.
12. SUPPLY ANCHOR BOLT INFORMATION FOR THE PRE-ENGINEERED METAL BUILDING TO THE CONTRACTOR FOR SUPPLY BY A STRUCTURAL STEEL FABRICATOR EMPLOYED BY THE CONTRACTOR.
13. PROVIDE ALL NECESSARY VERTICAL WALL BRACING FOR BUILDING STABILITY. VERTICAL BRACING SHALL BE PORTAL FRAME TYPE AT LOCATIONS APPROVED BY THE ARCHITECT.
14. PROVIDE ALL NECESSARY HORIZONTAL ROOF BRACING FOR BUILDING STABILITY. HORIZONTAL BRACING SHALL BE ROOF X BRACING AT LOCATIONS NOT INTERFERING WITH ROOF OPENINGS.
15. PROVIDE ALL NECESSARY HORIZONTAL WIND BEAMS, EAVE STRUTS AND OTHER COMPRESSION STRUT BRACING FOR BUILDING STABILITY.
16. ALL HORIZONTAL WIND BEAMS AT SIDEWALLS SHALL BE HSS 8 x 8 x 1/2 (MINIMUM) MEMBERS. REFER TO ARCHITECTURAL DRAWINGS.
17. REFER TO ARCHITECTURAL DRAWINGS FOR ALL FIXED OR RETRACTABLE BASKETBALL GOAL BACKBOARDS THAT ARE TO BE SUSPENDED FROM THE BUILDING STRUCTURE. PRE-ENGINEERED BUILDING SUPPLIER SHALL PROVIDE ALL NECESSARY AUXILIARY STRUCTURAL FRAMING FOR SUPPORT OF THE BACKBOARDS. ALL SUCH FRAMING SHALL BE APPROVED BY THE ARCHITECT, IF REQUIRED.
18. ROOF PANELS SHALL BE 24 GAGE MINIMUM THICKNESS STANDING SEAM PANELS WITH FINISH AS SPECIFIED BY ARCHITECT.
19. SUBMIT COMPLETE SHOP DRAWINGS AND DESIGN CALCULATIONS BEARING THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER DULY REGISTERED IN THE STATE OF NORTH CAROLINA.
20. SHOP DRAWING PACKAGE SHALL INCLUDE A CONSOLIDATED LISTING OF ALL WORST CASE BUILDING REACTION FORCES AT EACH COLUMN BASE. THE ENGINEER OF RECORD WILL REVIEW THE FOUNDATION DESIGN AND PROVIDE ANY REVISIONS REQUIRED TO SUPPORT THE REACTIONS PROVIDED. ANY FOUNDATION REVISIONS REQUIRED SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

MBMA SUBMITTAL LIST

- 1.) SOIL COMPACTION TESTS AND FIELD REPORTS
- 2.) CONCRETE MIX DESIGNS AND ADMIXTURES
- 3.) METAL BUILDING REACTIONS AND SHOP DRAWINGS
- 4.) CONCRETE CYLINDER BREAK REPORTS
- 5.) CONCRETE SLUMP TESTS
- 6.) CONCRETE FINISHING PRODUCTS AND METHODS
- 7.) ASTM GRAVEL / STONE CERTIFICATIONS
- 8.) STEEL REINFORCEMENT SHOP DRAWINGS

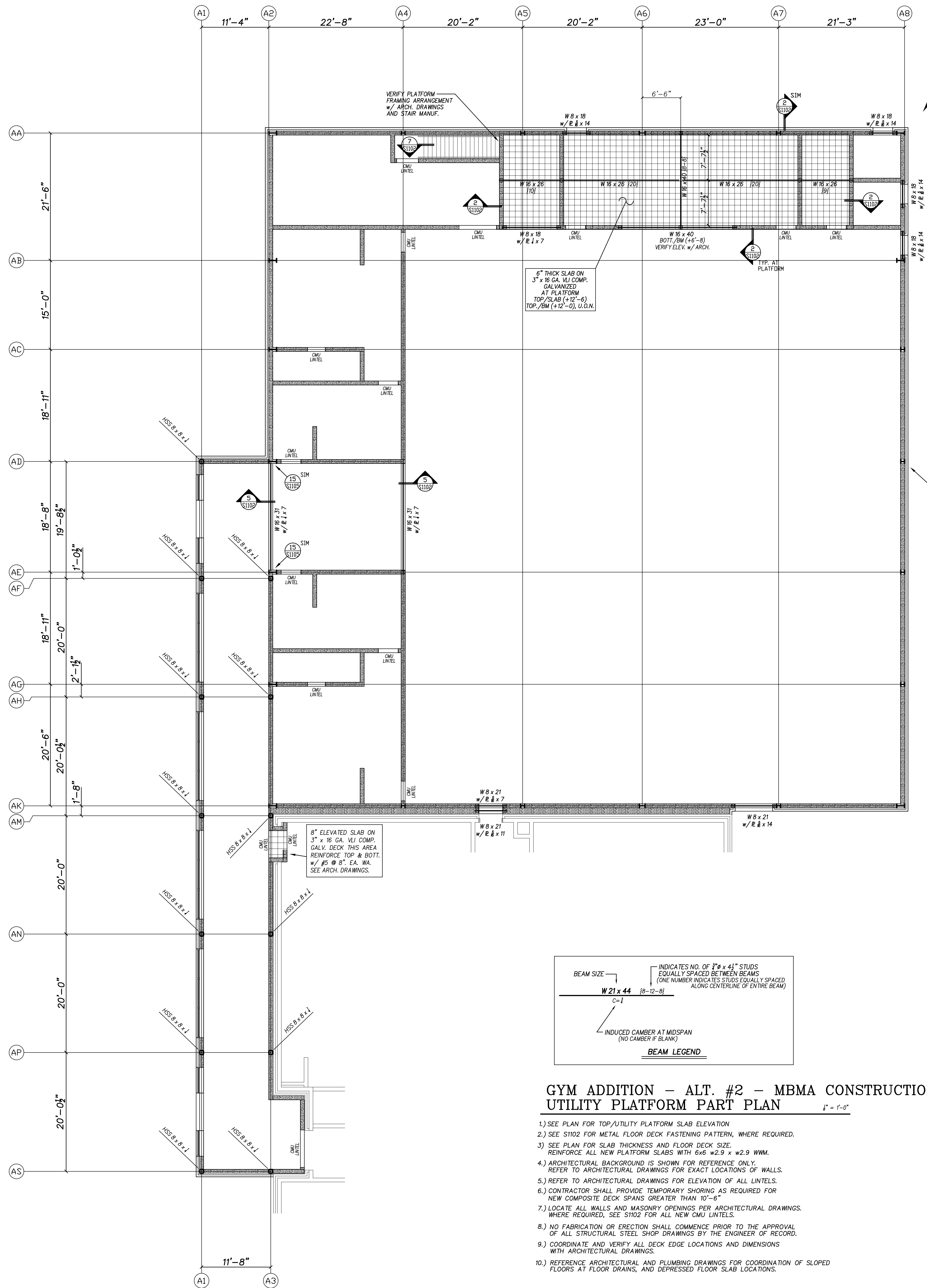
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 QUEEN ENGINEERING & DESIGN
 4100 W. WOODBRIDGE BLVD. #112
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 ENGINEER
 BRUCE QUEEN
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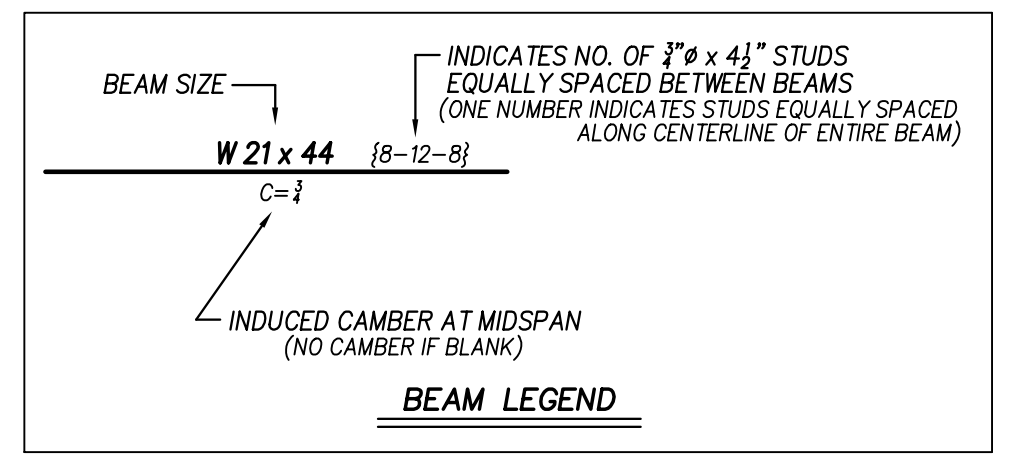
New Additions to
West Carteret High School
 4700 Country Club Road, Morehead City, NC 28577
 Carteret County Schools / North Carolina

Project No. 22112
 Date: 23 OCT 2023
 Drawing No. S 108



GYM ADDITION
MBMA CONSTRUCTION
ALTERNATE #2
THIS AREA

MBMA MANUFACTURER NOTE:
COLUMN SHAFT SHALL CLEAR BLEACHERS AT GYM PLAN
EAST SIDE. SEE ARCHITECTURAL DRAWINGS FOR
ADDITIONAL NOTES THAT APPLY.



**GYM ADDITION - ALT. #2 - MBMA CONSTRUCTION
UTILITY PLATFORM PART PLAN** 1" = 1'-0"

- 1.) SEE PLAN FOR TOP/UTILITY PLATFORM SLAB ELEVATION.
- 2.) SEE S102 FOR METAL FLOOR DECK FASTENING PATTERN, WHERE REQUIRED.
- 3.) SEE PLAN FOR SLAB THICKNESS AND FLOOR DECK SIZE.
REINFORCE ALL NEW PLATFORM SLABS WITH 6# @ w2.9 x w2.9 W/M.
- 4.) ARCHITECTURAL BACKGROUND IS SHOWN FOR REFERENCE ONLY.
REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF WALLS.
- 5.) REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATION OF ALL LINTELS.
- 6.) CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AS REQUIRED FOR
NEW COMPOSITE DECK SPANS GREATER THAN 10'-0".
- 7.) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS.
WHERE REQUIRED, SEE S102 FOR ALL NEW CMU LINTELS.
- 8.) NO FABRICATION OR ERECTION SHALL COMMENCE PRIOR TO THE APPROVAL
OF ALL STRUCTURAL STEEL SHOP DRAWINGS BY THE ENGINEER OF RECORD.
- 9.) COORDINATE AND VERIFY ALL DECK EDGE LOCATIONS AND DIMENSIONS
WITH ARCHITECTURAL DRAWINGS.
- 10.) REFERENCE ARCHITECTURAL AND PLUMBING DRAWINGS FOR COORDINATION OF SLOPED
FLOORS AT FLOOR DRAINS, AND DEPRESSED FLOOR SLAB LOCATIONS.

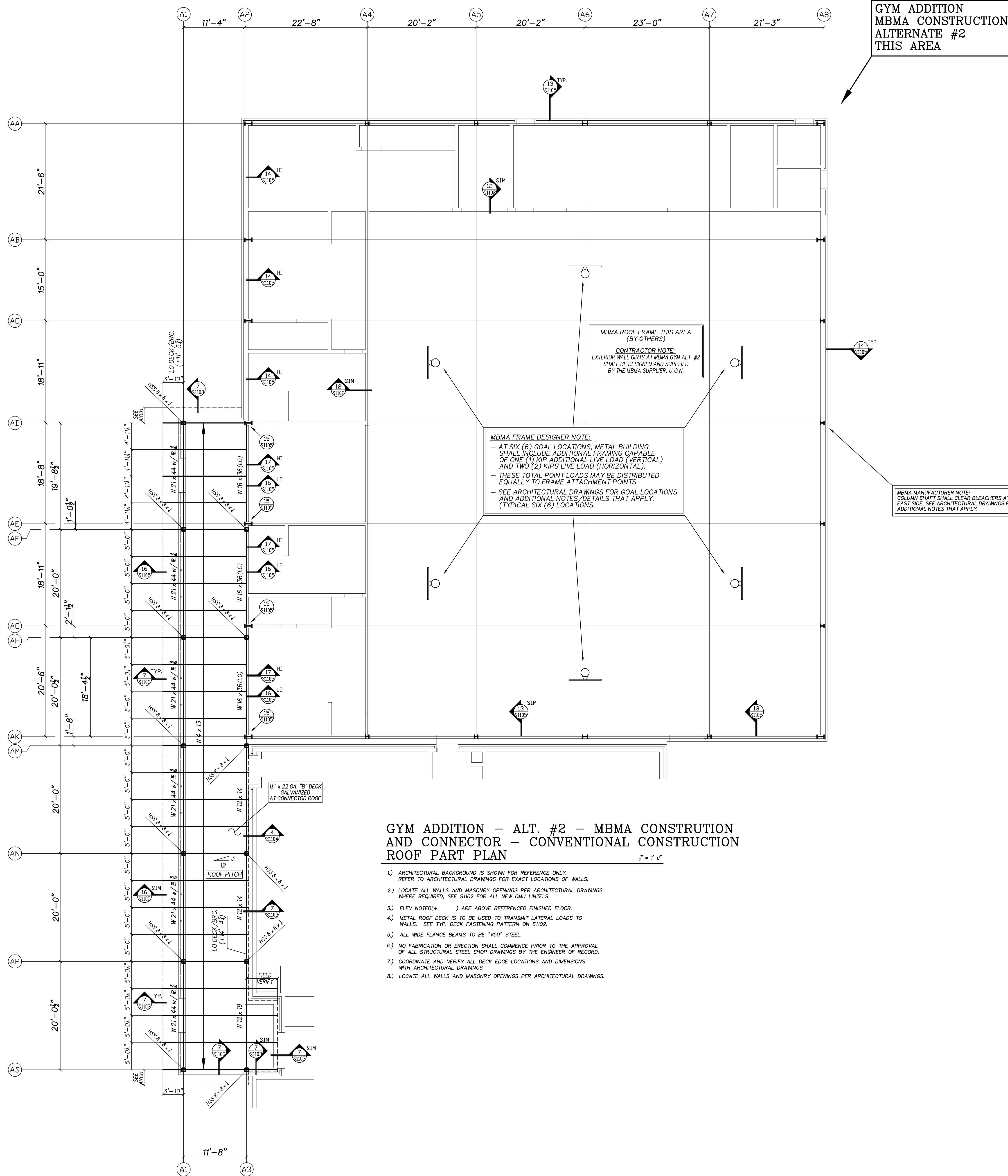
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Drawing No. S 109



GYM ADDITION
MBMA CONSTRUCTION
ALTERNATE #2
THIS AREA

MBMA ROOF FRAME THIS AREA
(BY OTHERS)
CONTRACTOR NOTE:
EXTERIOR WALL GRIS AT MBMA GYM ALT. #2
SHALL BE DESIGNED AND SUPPLIED
BY THE MBMA SUPPLIER, U.O.N.

MBMA FRAME DESIGNER NOTE:
- AT SIX (6) GOAL LOCATIONS, METAL BUILDING
SHALL INCLUDE ADDITIONAL FRAMING CAPABLE
OF ONE (1) KIP ADDITIONAL LIVE LOAD (VERTICAL)
AND TWO (2) KIPS LIVE LOAD (HORIZONTAL).
- THESE TOTAL POINT LOADS MAY BE DISTRIBUTED
EQUALLY TO FRAME ATTACHMENT POINTS.
- SEE ARCHITECTURAL DRAWINGS FOR GOAL LOCATIONS
AND ADDITIONAL NOTES/DETAILS THAT APPLY.
(TYPICAL SIX (6) LOCATIONS.

MBMA MANUFACTURER NOTE:
COLUMN SHAFT SHALL CLEAR BLEACHERS AT GYM PLAN
EAST SIDE. SEE ARCHITECTURAL DRAWINGS FOR
ADDITIONAL NOTES THAT APPLY.

**GYM ADDITION - ALT. #2 - MBMA CONSTRUCTION
AND CONNECTOR - CONVENTIONAL CONSTRUCTION
ROOF PART PLAN**

1" = 1'-0"

- 1) ARCHITECTURAL BACKGROUND IS SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF WALLS.
- 2) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS. WHERE REQUIRED, SEE S1022 FOR ALL NEW CMU UNITS.
- 3) ELEV NOTED(+) ARE ABOVE REFERENCED FINISHED FLOOR.
- 4) METAL ROOF DECK IS TO BE USED TO TRANSMIT LATERAL LOADS TO WALLS. SEE TYP. DECK FASTENING PATTERN ON S102.
- 5) ALL WIDE FLANGE BEAMS TO BE "VISO" STEEL.
- 6) NO FABRICATION OR ERECTION SHALL COMMENCE PRIOR TO THE APPROVAL OF ALL STRUCTURAL STEEL SHOP DRAWINGS BY THE ENGINEER OF RECORD.
- 7) COORDINATE AND VERIFY ALL DECK EDGE LOCATIONS AND DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- 8) LOCATE ALL WALLS AND MASONRY OPENINGS PER ARCHITECTURAL DRAWINGS.

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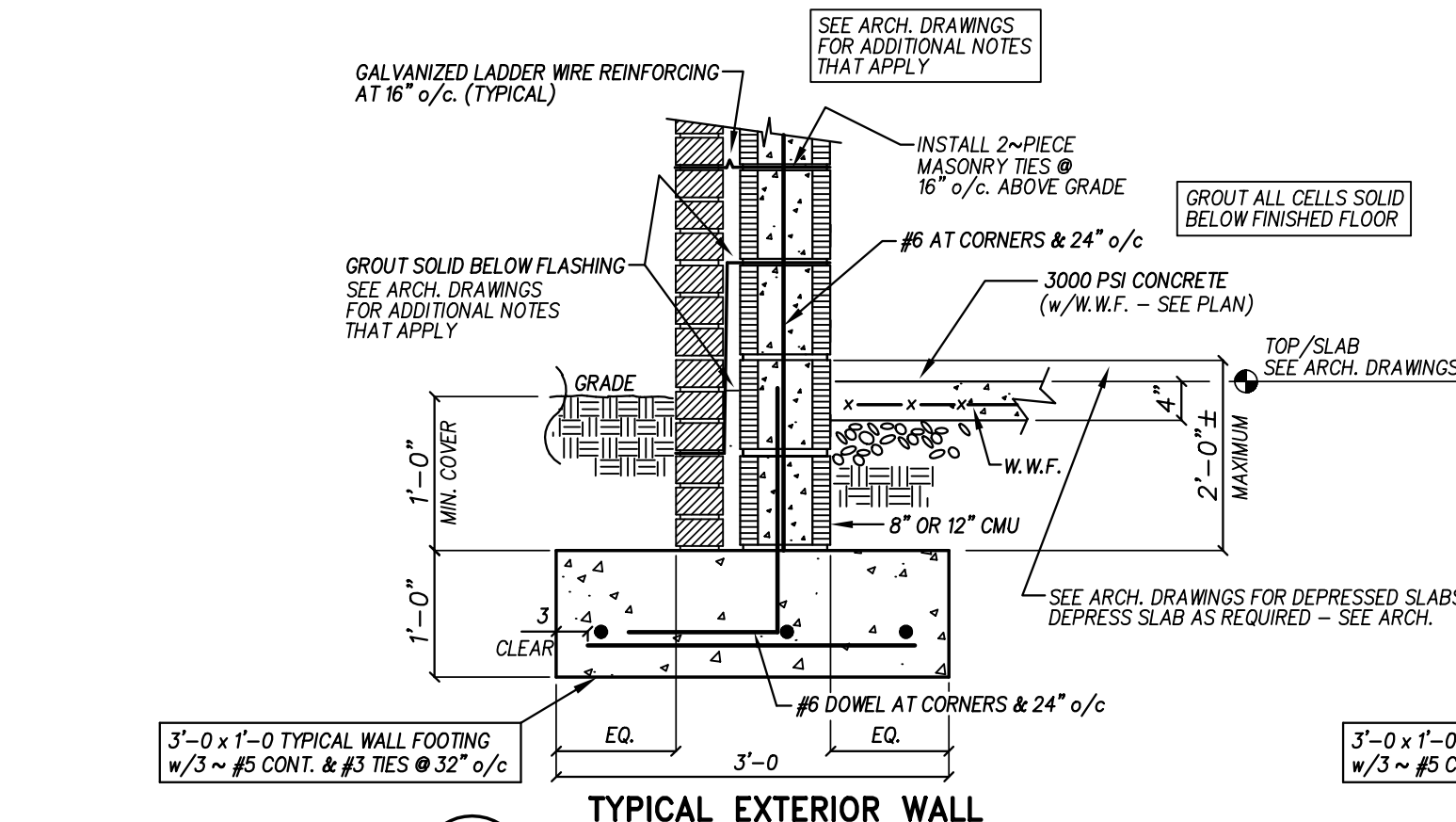
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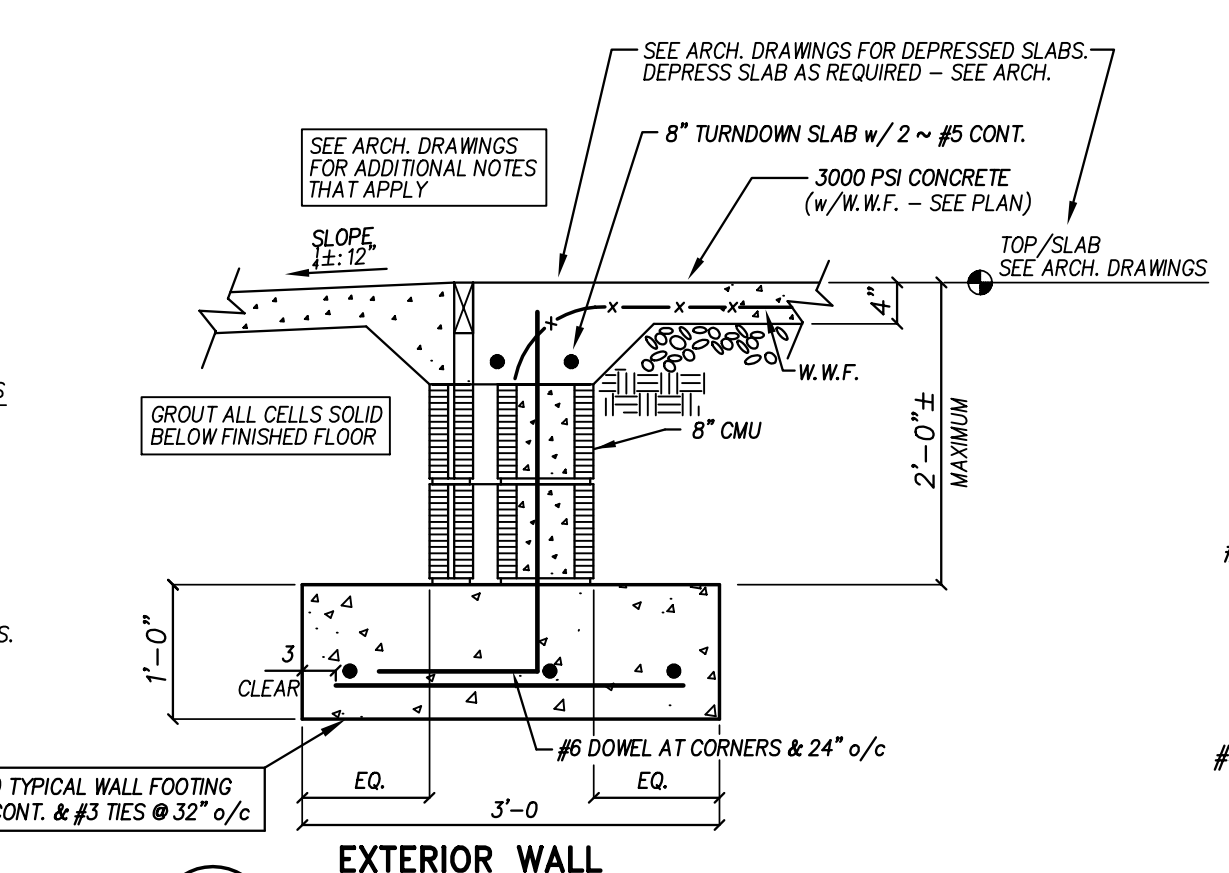
Priscilla Owen
ENGINEER
BRUCE L. OWEN
23 OCT 2023

New Additions to
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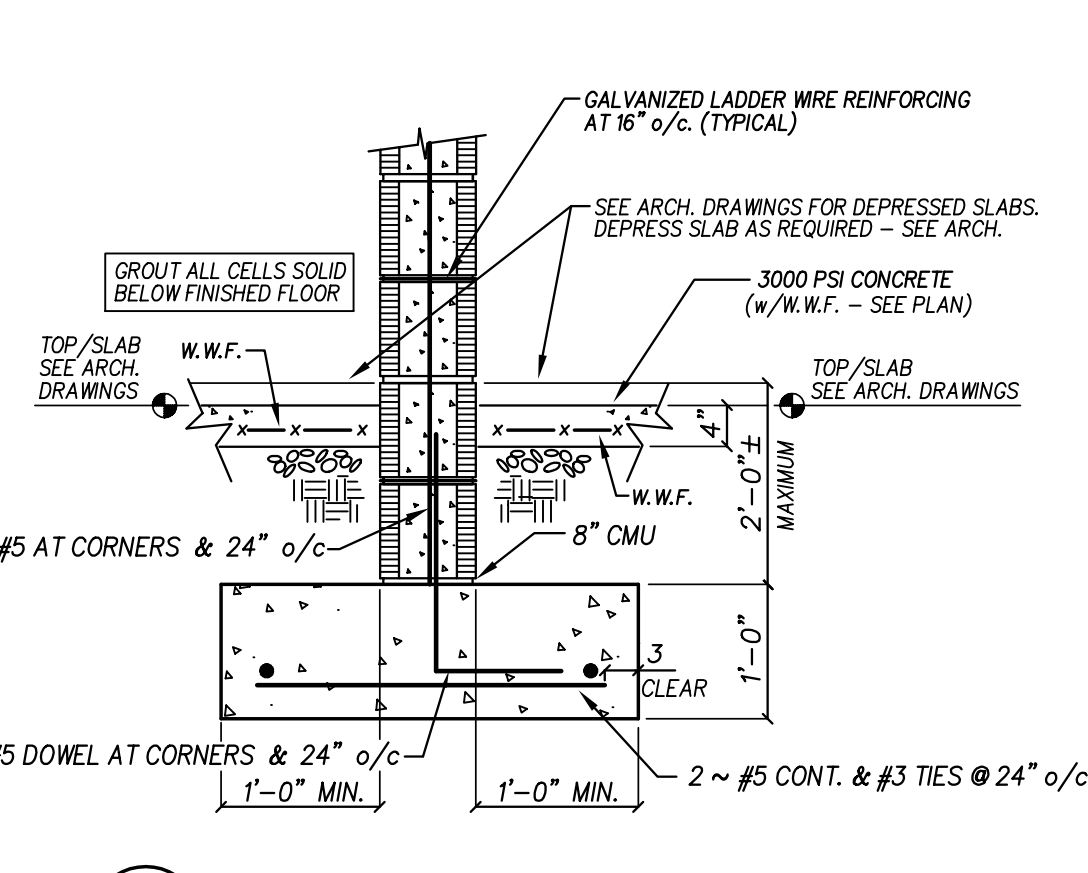
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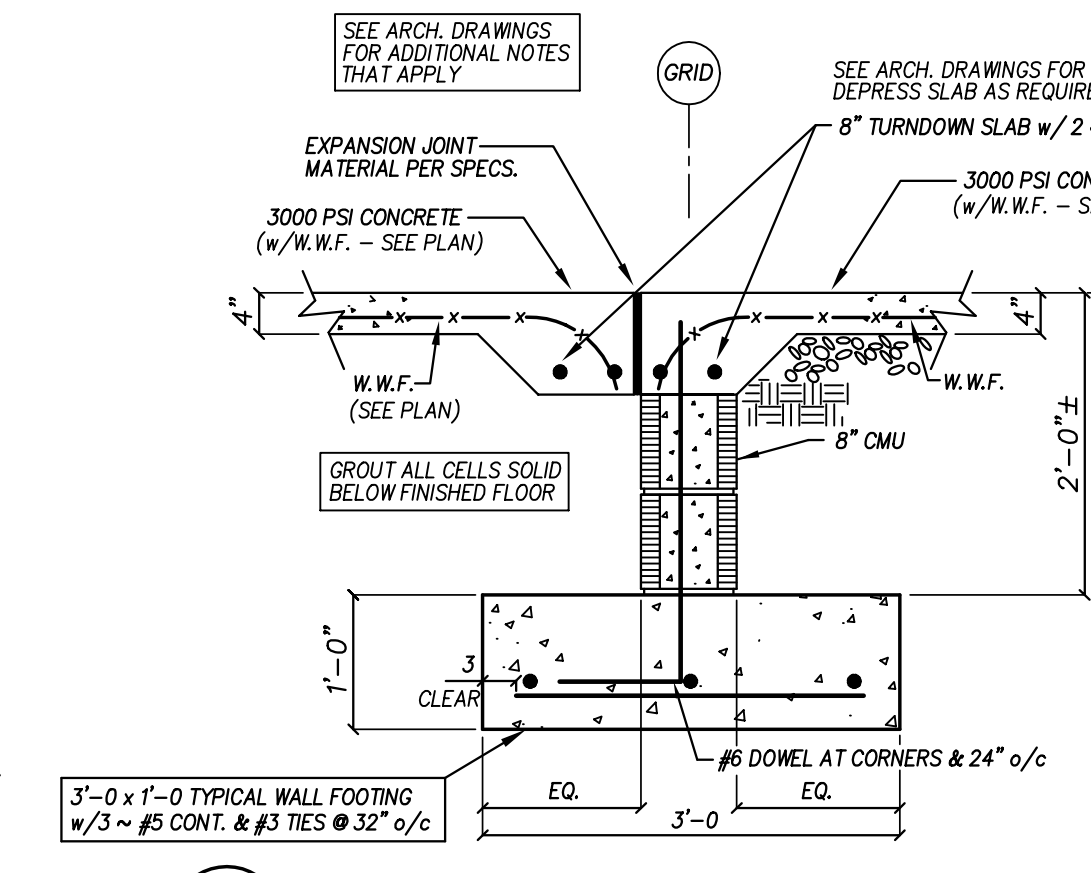
1 TYPICAL EXTERIOR WALL FOUNDATION SECTION
 NO SCALE
 1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.
 2) ALL CMU CELLS BELOW FINISHED FLOOR SHALL BE FILLED WITH CONCRETE.



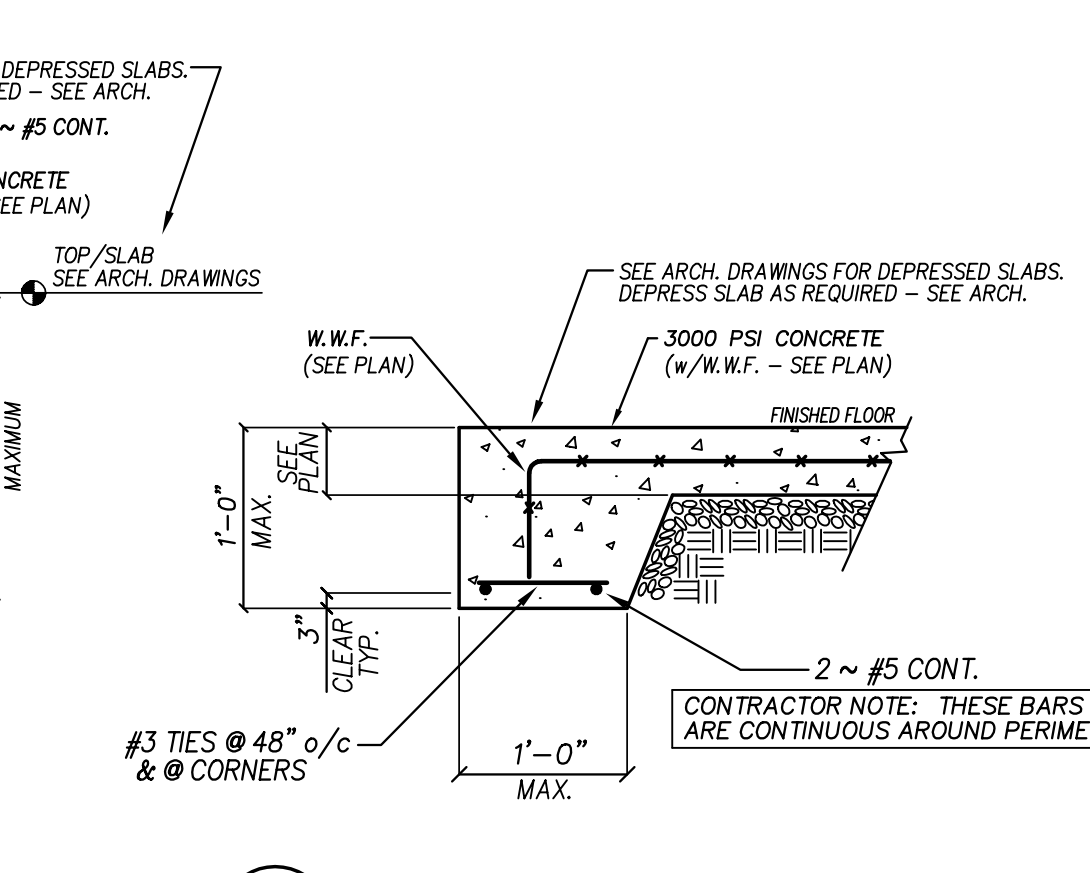
2 EXTERIOR WALL ENTRANCE SECTION
 NO SCALE
 1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.
 2) ALL CMU CELLS BELOW FINISHED FLOOR SHALL BE FILLED WITH CONCRETE.



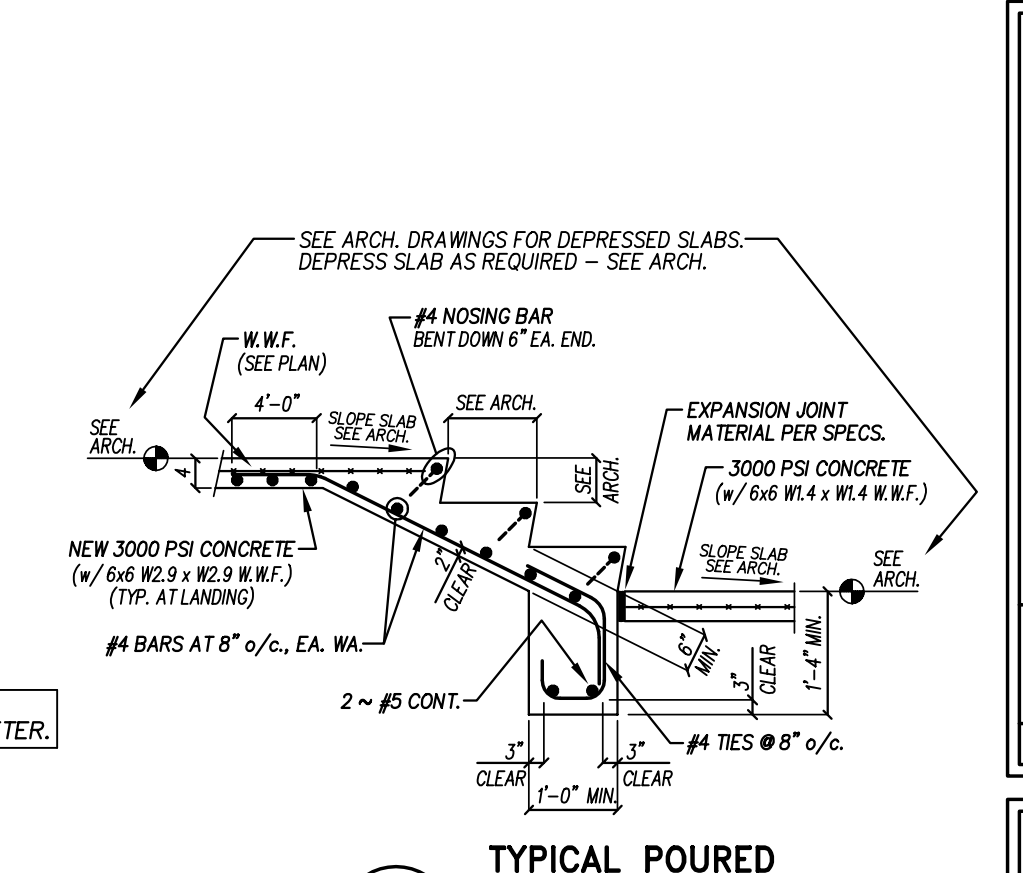
3 TYPICAL INTERIOR CMU WALL FOOTING
 NO SCALE
 1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.
 2) ALL CMU CELLS BELOW FINISHED FLOOR SHALL BE FILLED WITH CONCRETE.



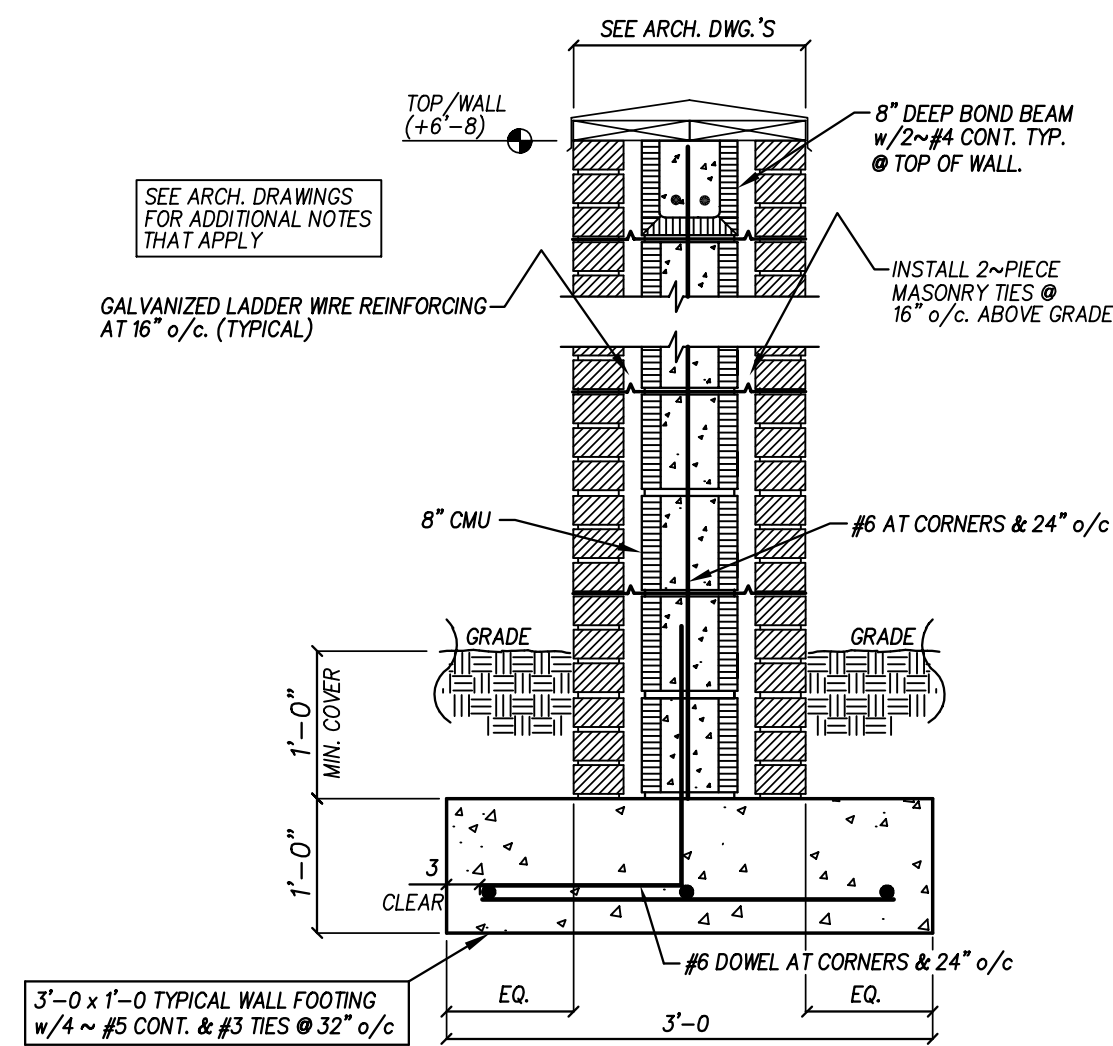
4 CONNECTOR / CORRIDOR SECTION
 NO SCALE
 1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.
 2) ALL CMU CELLS BELOW FINISHED FLOOR SHALL BE FILLED WITH CONCRETE.



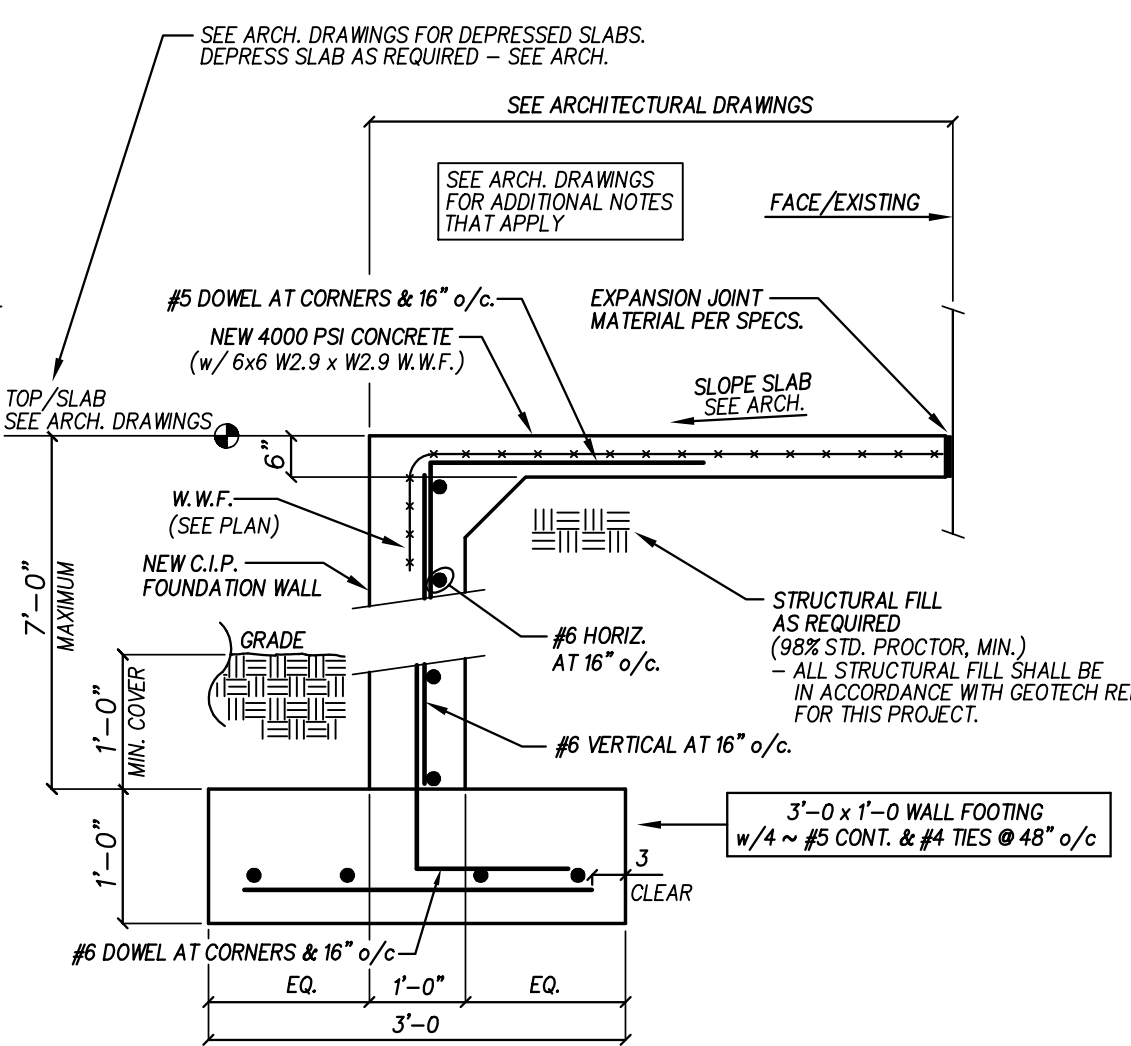
5 TYPICAL TURNED DOWN SLAB DETAIL
 NO SCALE
 SEE ARCHITECTURAL DRAWINGS FOR WALL LOCATION AND DIMENSIONS OF ALL TURN DOWN SLAB EDGES.



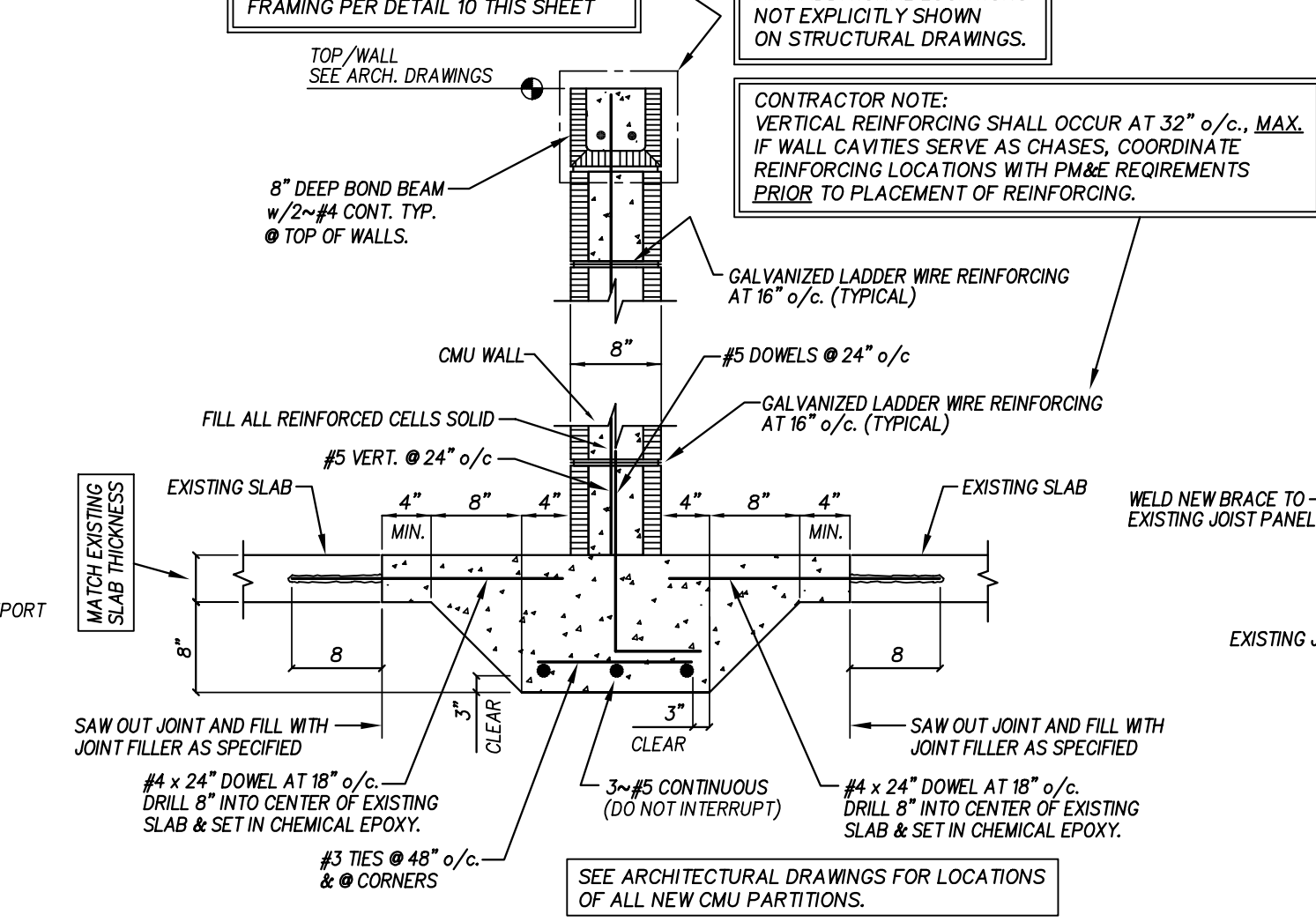
6 TYPICAL POURED STAIR DETAIL
 NO SCALE
 SEE ARCHITECTURAL DRAWINGS FOR WALL LOCATION AND DIMENSIONS OF ALL TURN DOWN SLAB EDGES.



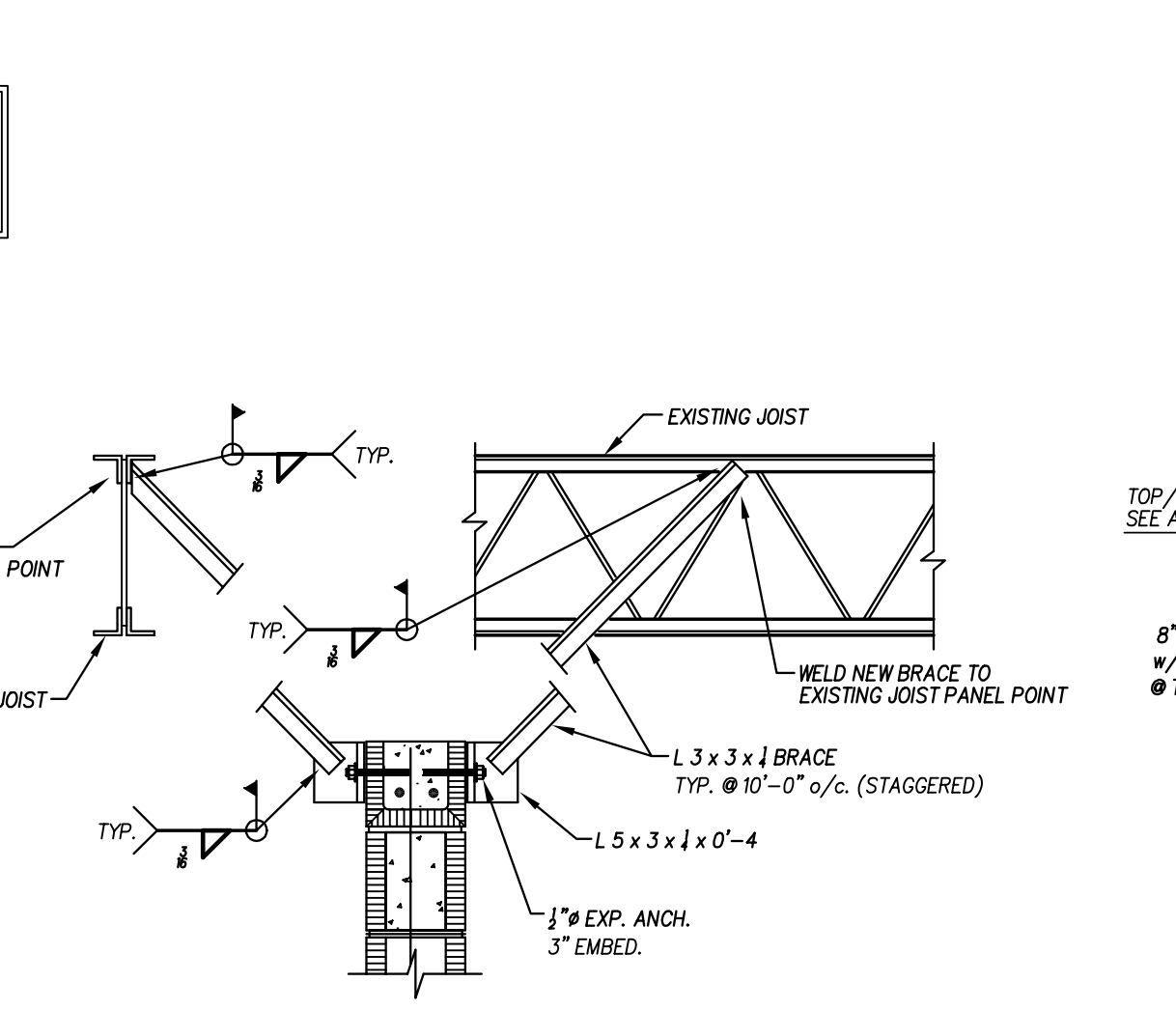
7 SECTION THROUGH SCREEN WALL
 NO SCALE
 1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.
 2) ALL CMU CELLS BELOW FINISHED GRADE SHALL BE FILLED WITH CONCRETE.



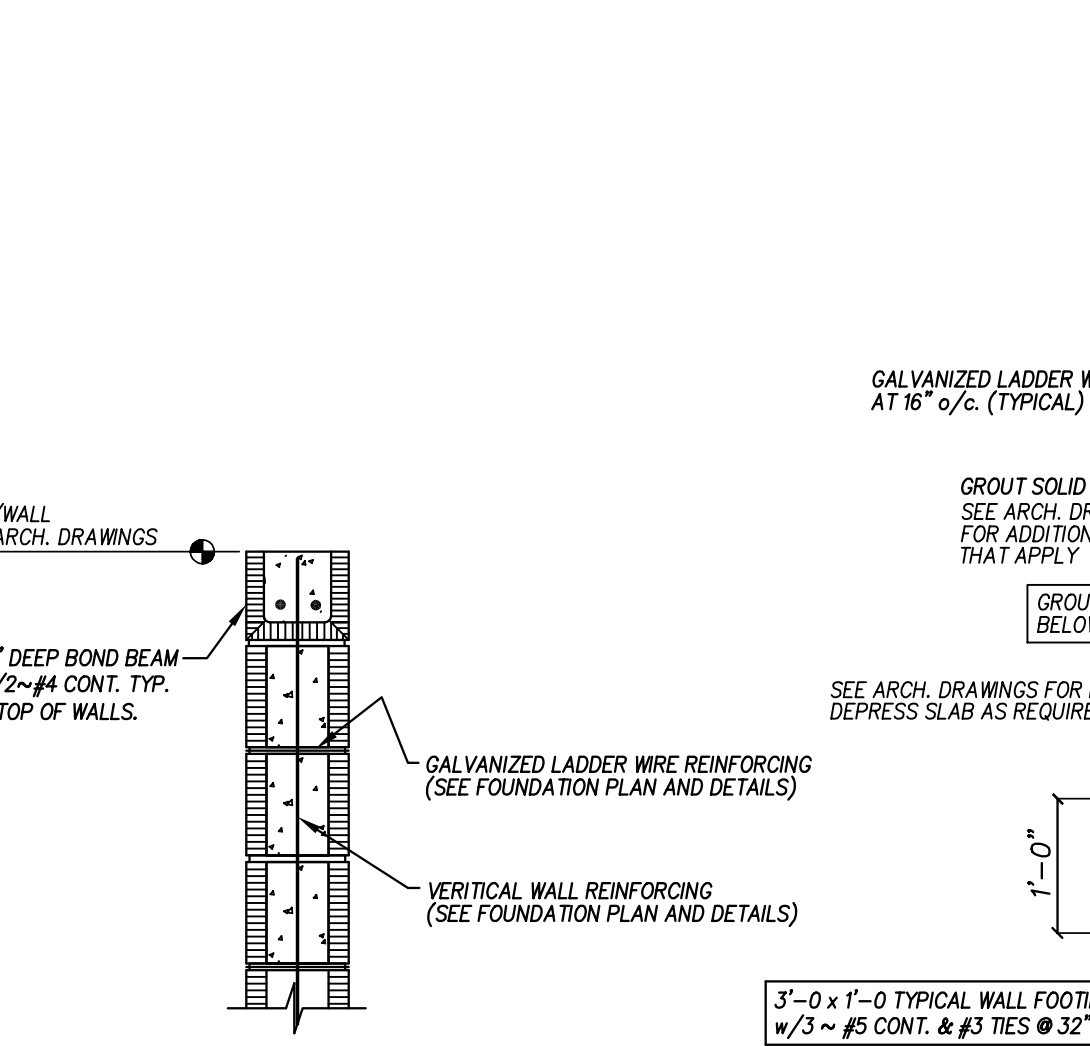
8 CONCRETE RAMP & PLATFORM SECTION
 NO SCALE
 1) SEE ARCH. DRAWINGS FOR ALL RAMP & PLATFORM LOCATIONS.



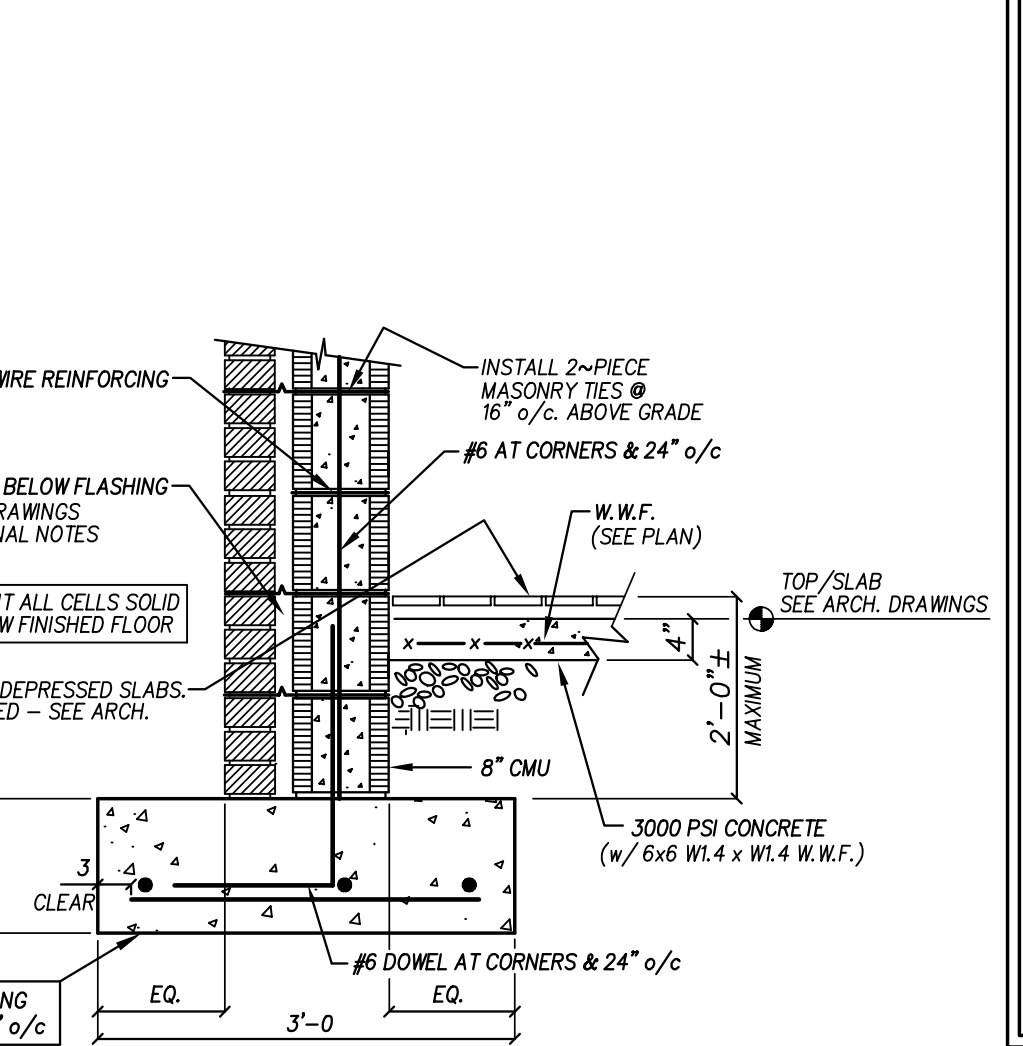
9 TYPICAL THICKENED SLAB FOR NEW CMU PARTITION DETAIL
 NO SCALE
 1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.



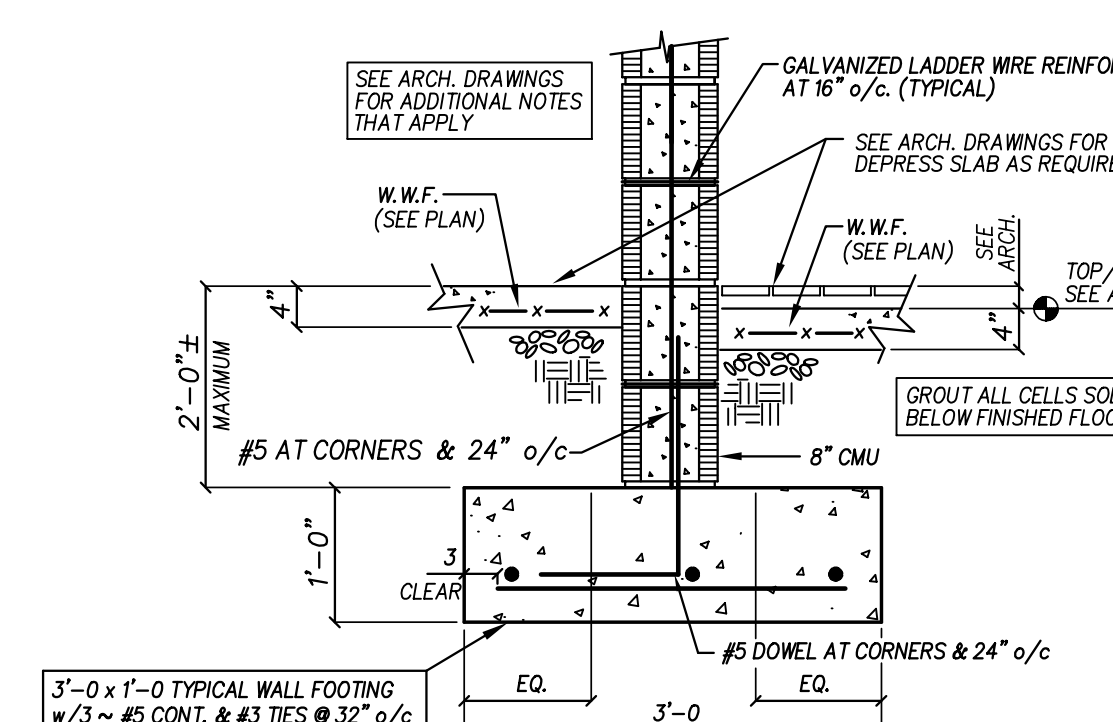
10 TOP-OF-WALL TIE FOR NEW CMU CLASSROOM PARTITION WALLS
 NO SCALE
 CONTRACTOR NOTE: THIS DETAIL IS NEEDED ONLY WHERE CORNER-TO-CORNER LENGTH OF WALLS IS GREATER THAN 20'-0\"/>



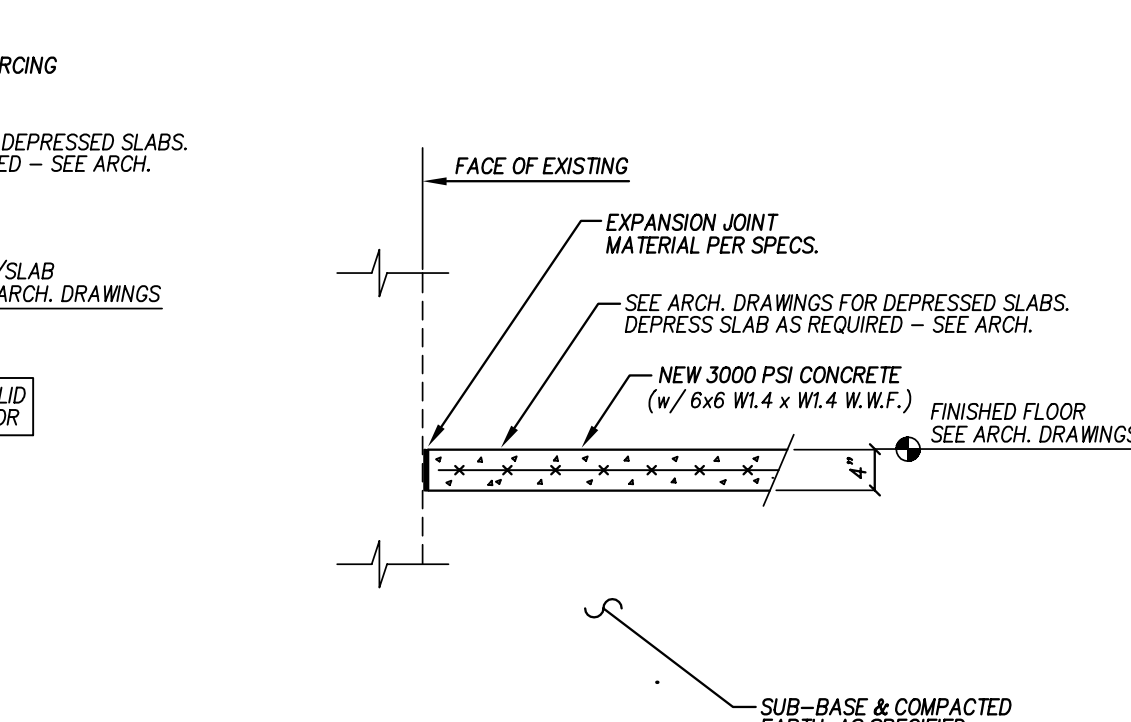
11 TYPICAL BOND BEAM AT TOP OF ALL NEW CMU WALLS
 NO SCALE



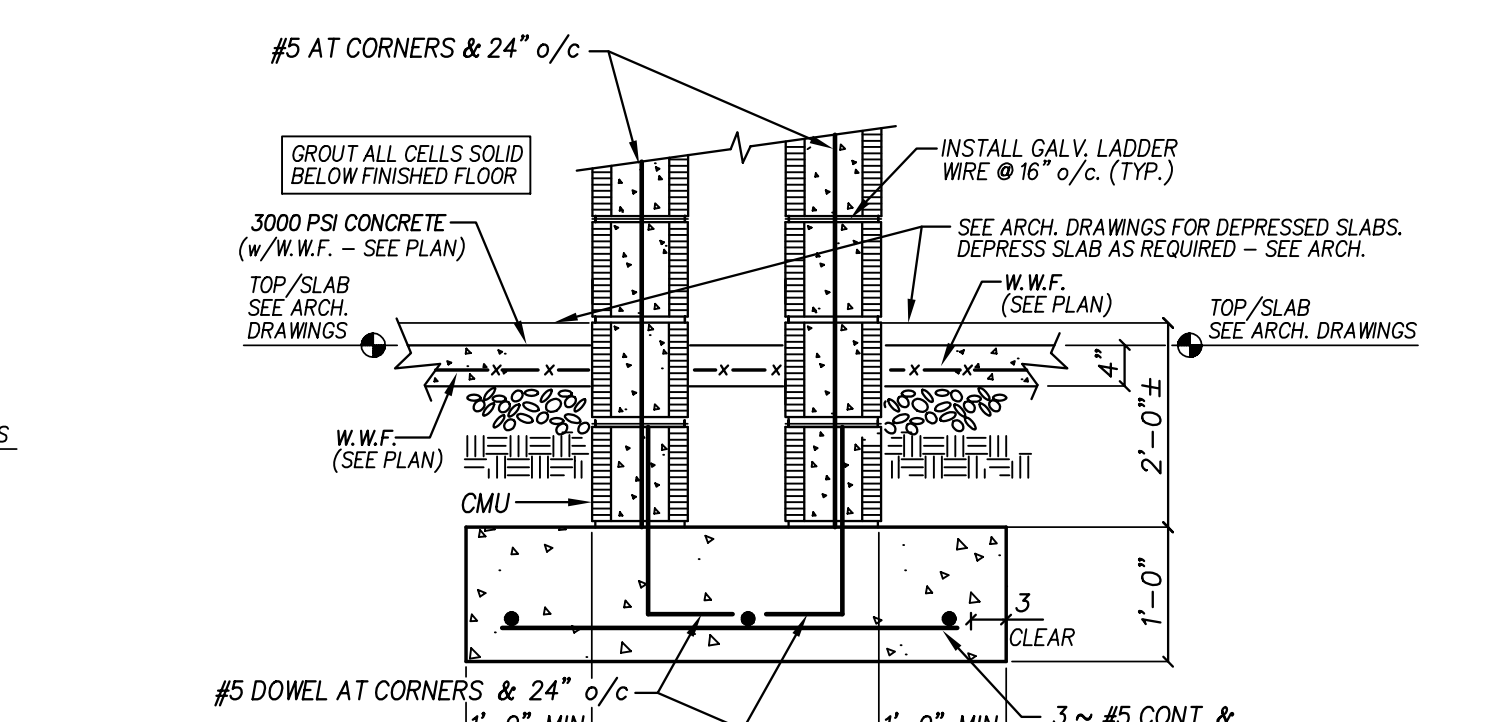
12 EXTERIOR FOUNDATION SECTION AT ALL CORNERS
 NO SCALE
 1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.
 2) ALL CMU CELLS BELOW FINISHED FLOOR SHALL BE FILLED WITH CONCRETE.



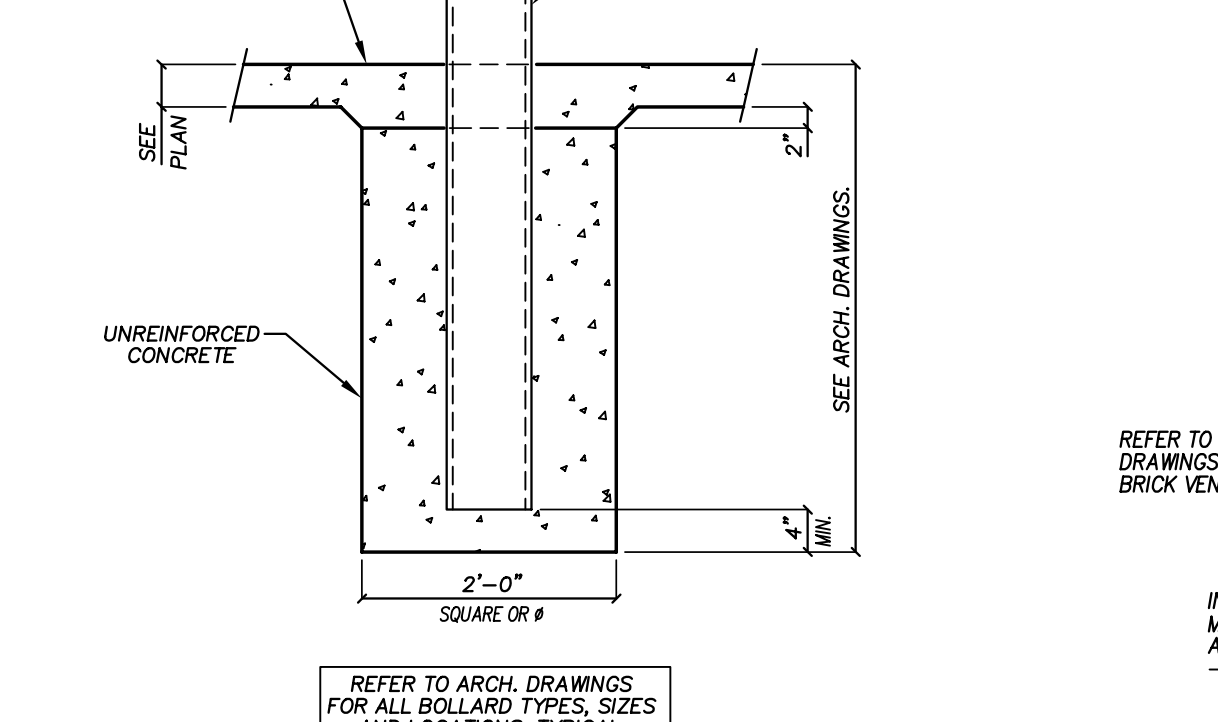
13 INTERIOR CMU AT TILE
 NO SCALE
 1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.
 2) ALL CMU CELLS BELOW FINISHED FLOOR SHALL BE FILLED WITH CONCRETE.



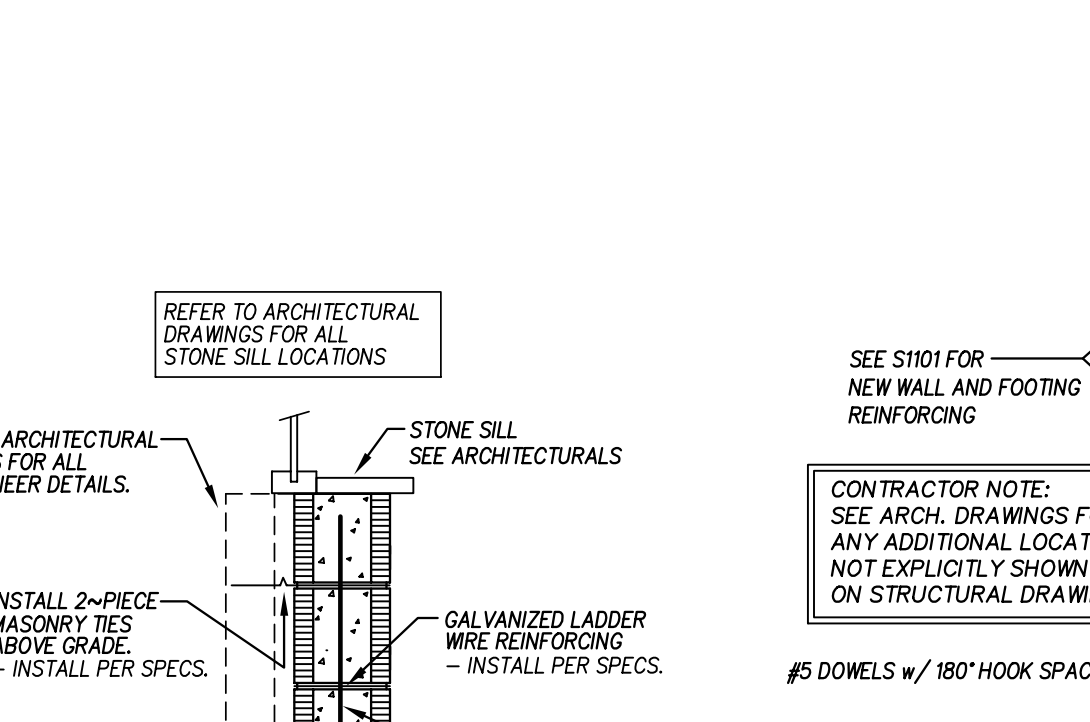
14 NEW SLAB AND EXPANSION JOINT
 NO SCALE



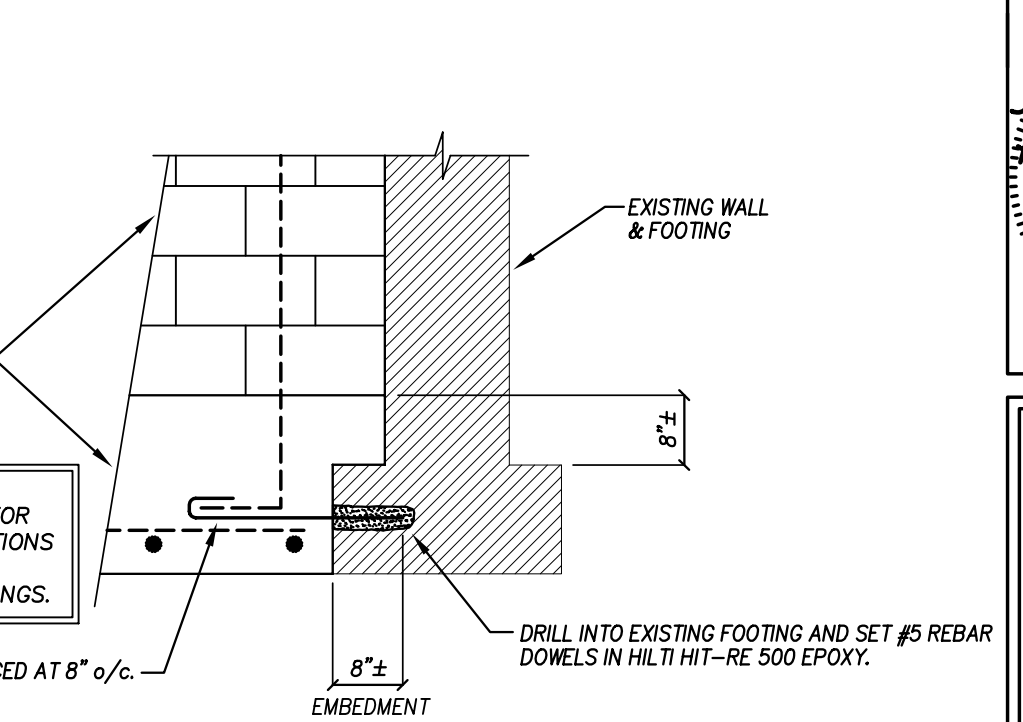
15 DOUBLE WALL SECTION
 NO SCALE
 1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.



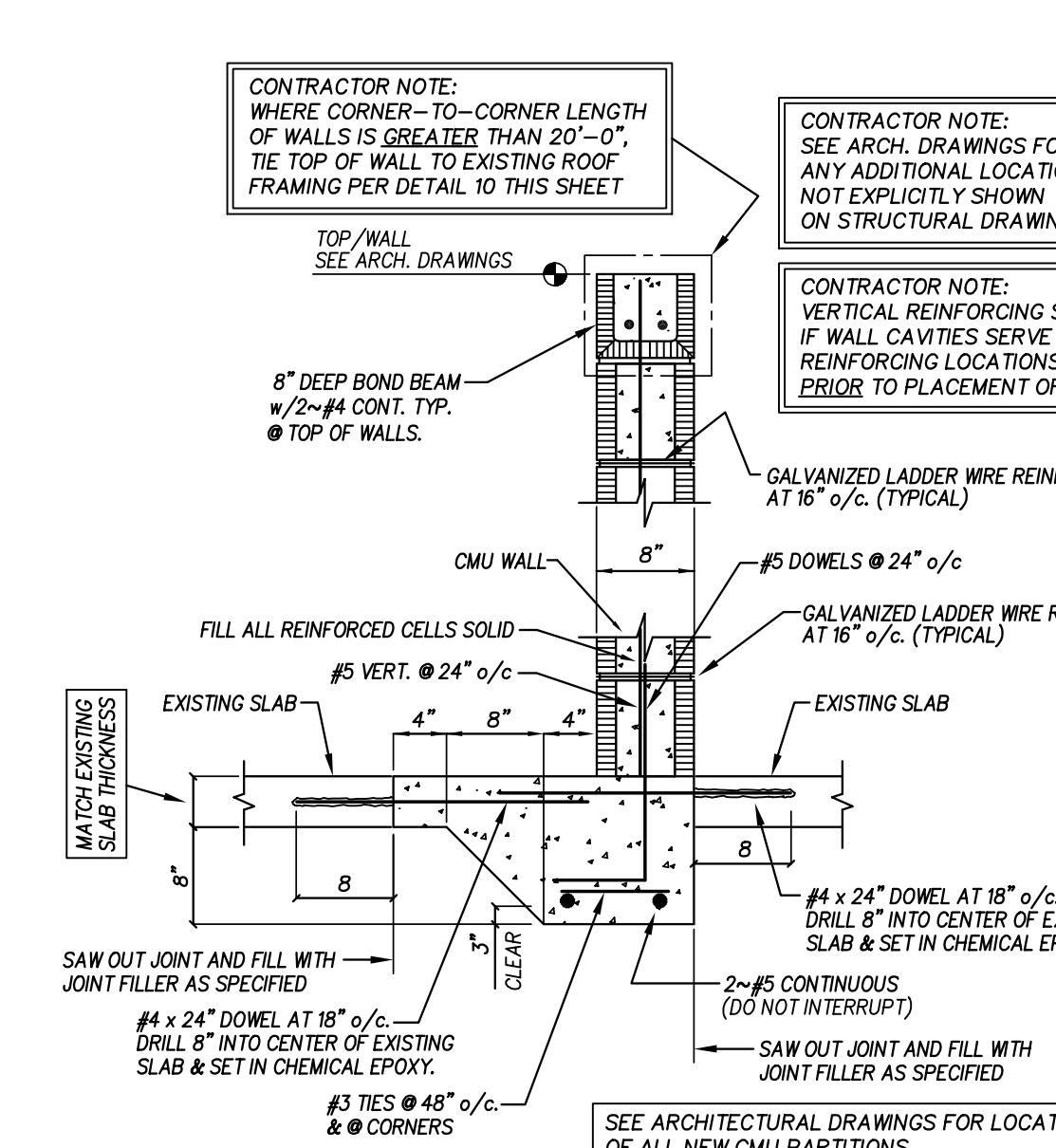
16 TYPICAL BOLLARD FOOTING DETAIL
 NO SCALE
 REFER TO ARCH. DRAWINGS FOR ALL BOLLARD TYPES, SIZES AND LOCATIONS, TYPICAL.



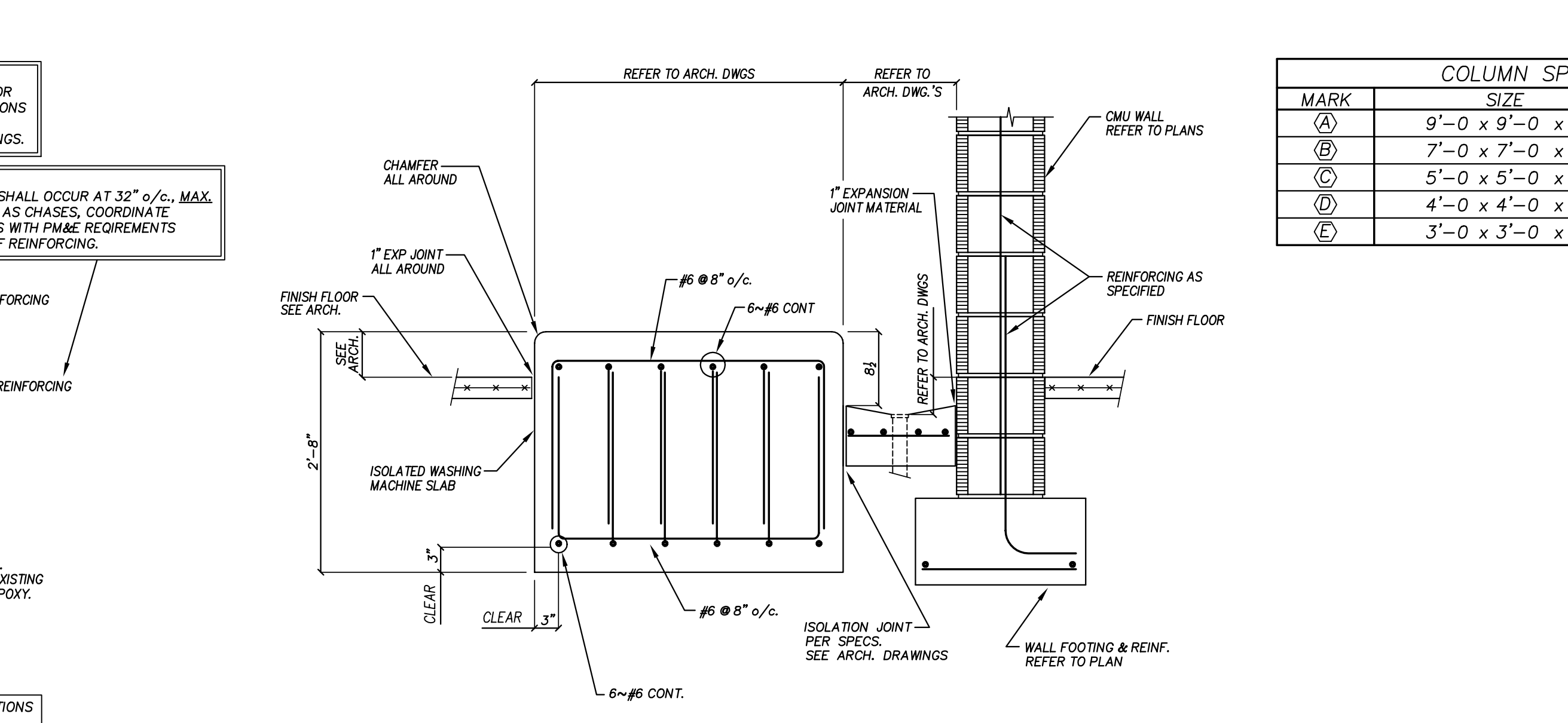
17 STONE SILL DETAIL AT CMU
 NO SCALE
 1) SEE ARCH. DWG'S FOR ALL LOCATIONS THAT APPLY.
 2) SEE ARCH. DWG'S FOR ADDITIONAL NOTES THAT APPLY.



18 EXISTING FOOTING TO NEW FOOTING
 NO SCALE
 - SEE SECTIONS ON S101 & S102 FOR ADDITIONAL INFORMATION NOT SHOWN

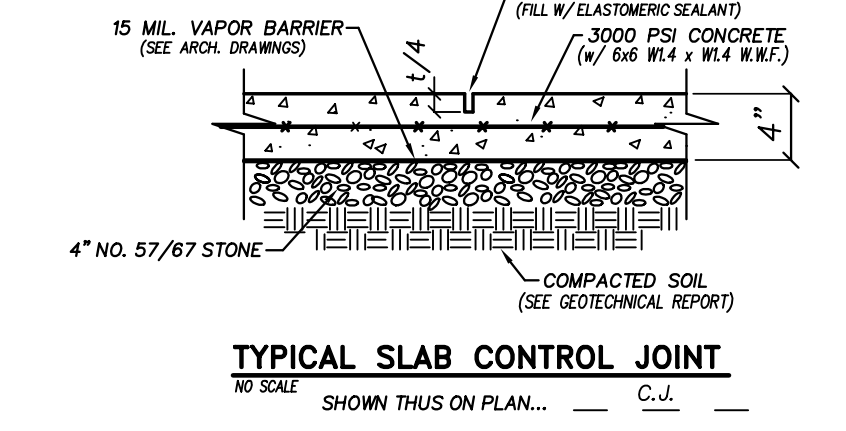


19 TYPICAL THICKENED SLAB FOR NEW CMU PARTITION DETAIL - ONE SIDE
 NO SCALE
 1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.

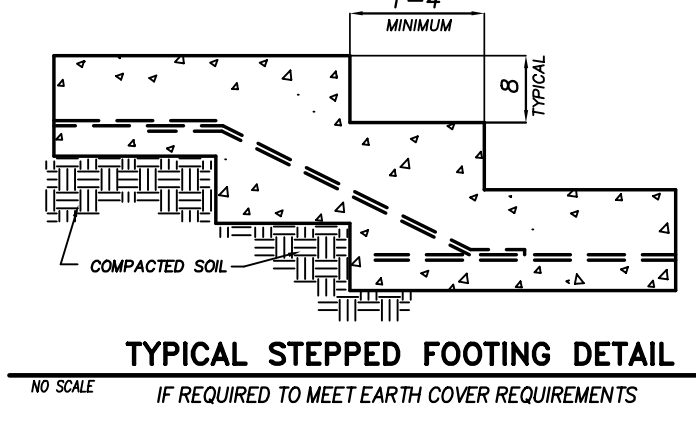


20 TYPICAL SECTION AT LAUNDRY WASHER FOUNDATION AT DRAIN
 NO SCALE

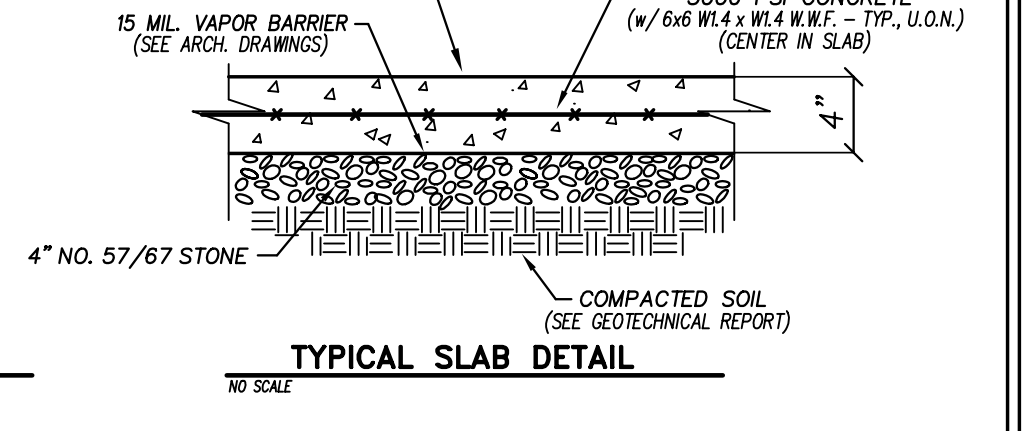
COLUMN SPREAD FOOTING SCHEDULE			
MARK	SIZE	REINFORCING & NOTES	1500 PSF
(A)	9'-0" x 9'-0" x 16"	11 ~ #5 EA. WA. (BOTTOM ONLY)	
(B)	7'-0" x 7'-0" x 14"	7 ~ #5 EA. WA. (BOTTOM ONLY)	
(C)	5'-0" x 5'-0" x 12"	5 ~ #5 EA. WA. (BOTTOM ONLY)	
(D)	4'-0" x 4'-0" x 12"	5 ~ #5 EA. WA. (BOTTOM ONLY)	
(E)	3'-0" x 3'-0" x 12"	4 ~ #5 EA. WA. (BOTTOM ONLY)	



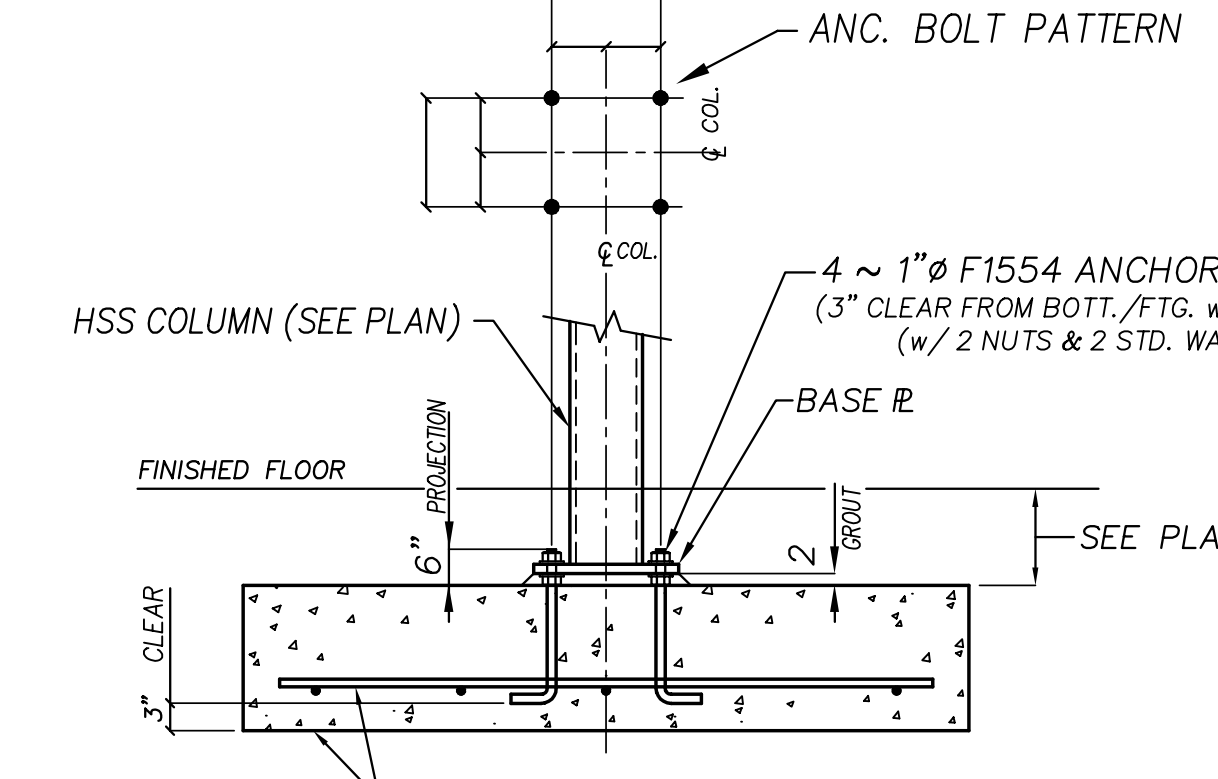
17 STONE SILL DETAIL AT CMU
 NO SCALE
 1) SEE ARCH. DWG'S FOR ALL LOCATIONS THAT APPLY.
 2) SEE ARCH. DWG'S FOR ADDITIONAL NOTES THAT APPLY.



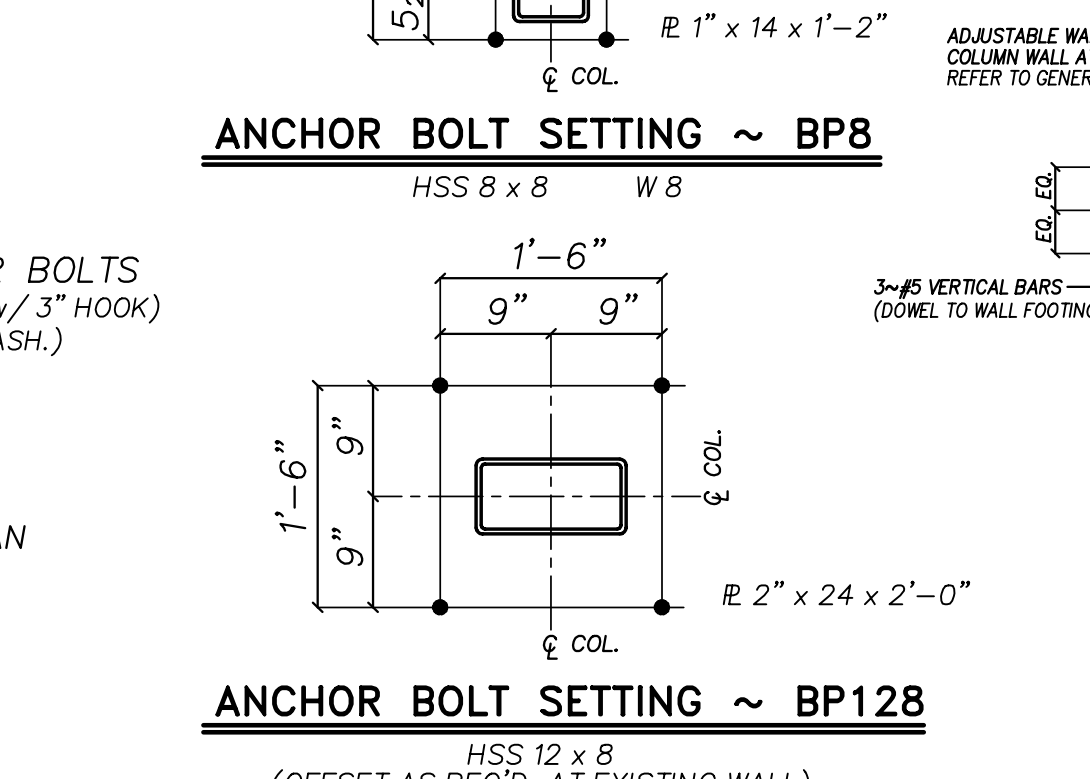
18 EXISTING FOOTING TO NEW FOOTING
 NO SCALE
 - SEE SECTIONS ON S101 & S102 FOR ADDITIONAL INFORMATION NOT SHOWN



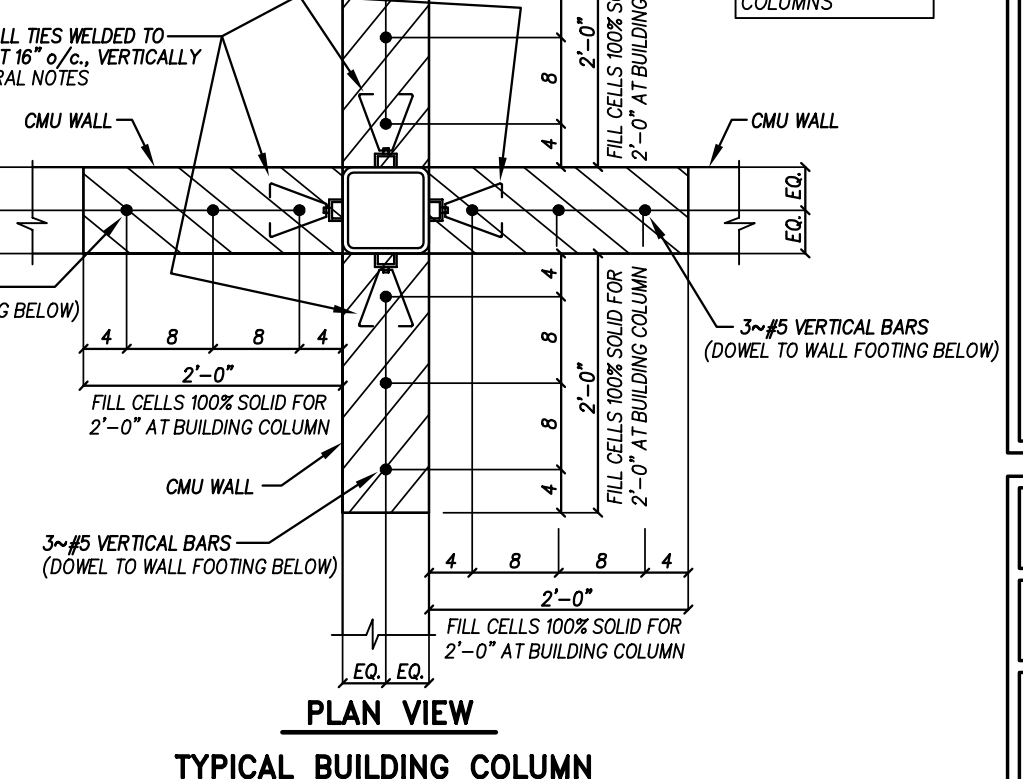
19 TYPICAL THICKENED SLAB FOR NEW CMU PARTITION DETAIL - ONE SIDE
 NO SCALE
 1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.



20 TYPICAL SECTION AT LAUNDRY WASHER FOUNDATION AT DRAIN
 NO SCALE



21 TYPICAL HSS COLUMN FOOTING DETAIL
 NO SCALE
 & TYPICAL ANCHOR BOLT PATTERN AS NOTED



22 TYPICAL BUILDING COLUMN TO CMU WALL INTERFACE
 NO SCALE
 1) THIS DETAIL SHALL APPLY AT ALL LOCATIONS WHERE A BUILDING COLUMN DIRECTLY ABUTS A CMU WALL.
 2) WALL REINFORCING IS IN ADDITION TO WALL REINFORCING SHOWN ON PLANS AND OTHER DETAILS THAT APPLY.

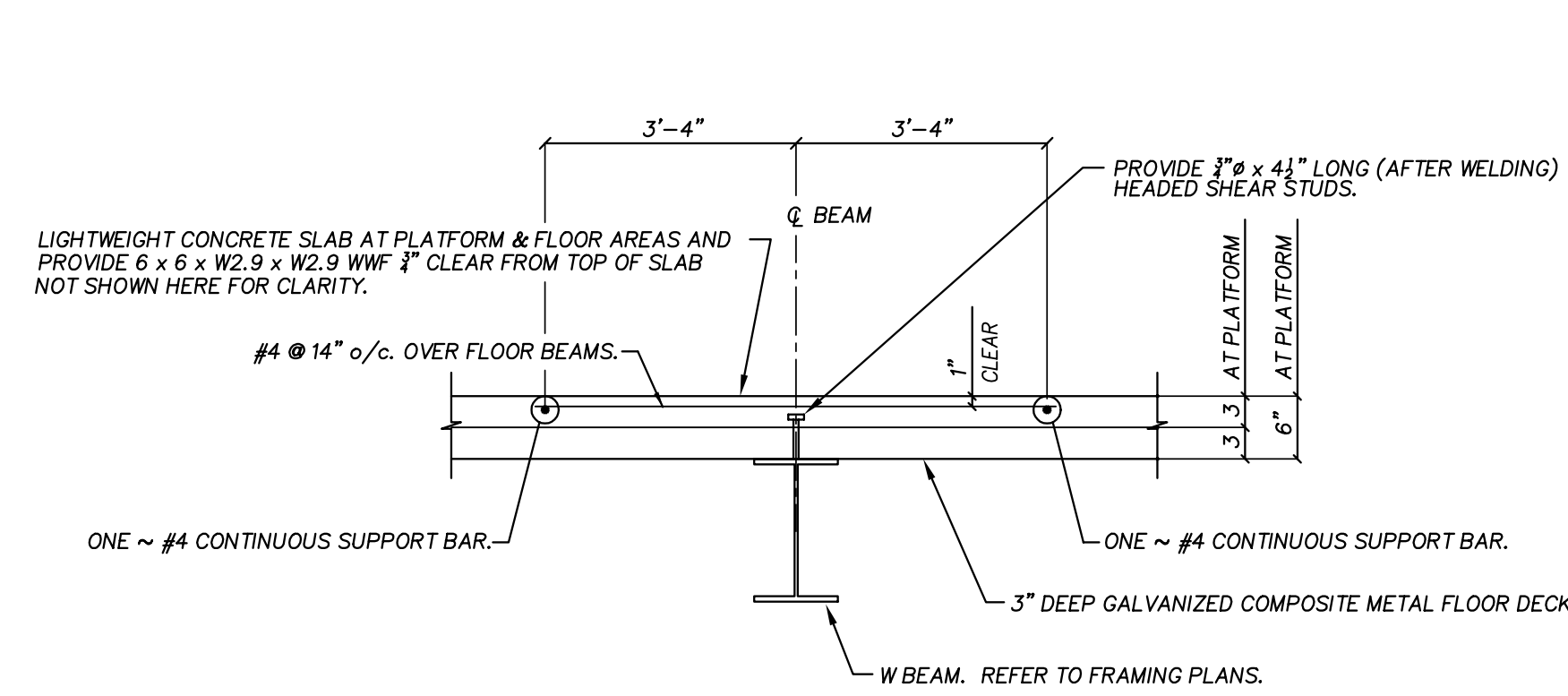
Revision	Date

Hite associates
 ARCHITECTURE / ENGINEERING / TECHNOLOGY
 2600 Meridian Drive / Greenville, NC 27838 / tel (252) 757-0333

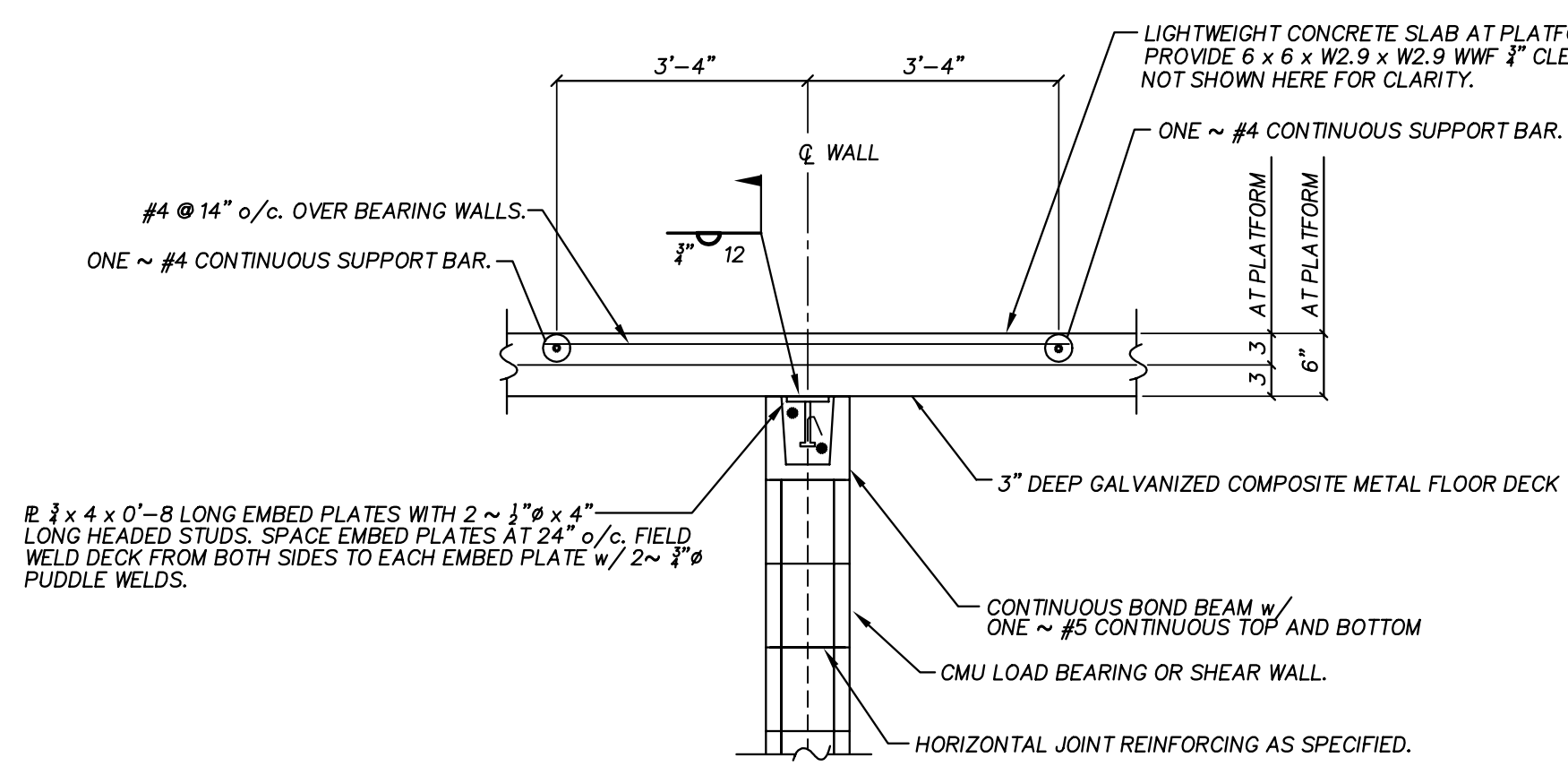
QED
 QUEEN ENGINEERING & DESIGN
 1000 W. MAIN ST. SUITE 200
 RALEIGH, NC 27601
 919.883.8888
 NORTH CAROLINA PROFESSIONAL ENGINEER
 LICENSE NO. 18991
Priscilla Queen
 ENGINEER
 BRUCE L. QUEEN
 23 OCT 2023

New Additions to
West Carteret High School
 4700 Country Club Road, Morehead City, NC 28577
 Carteret County Schools / North Carolina

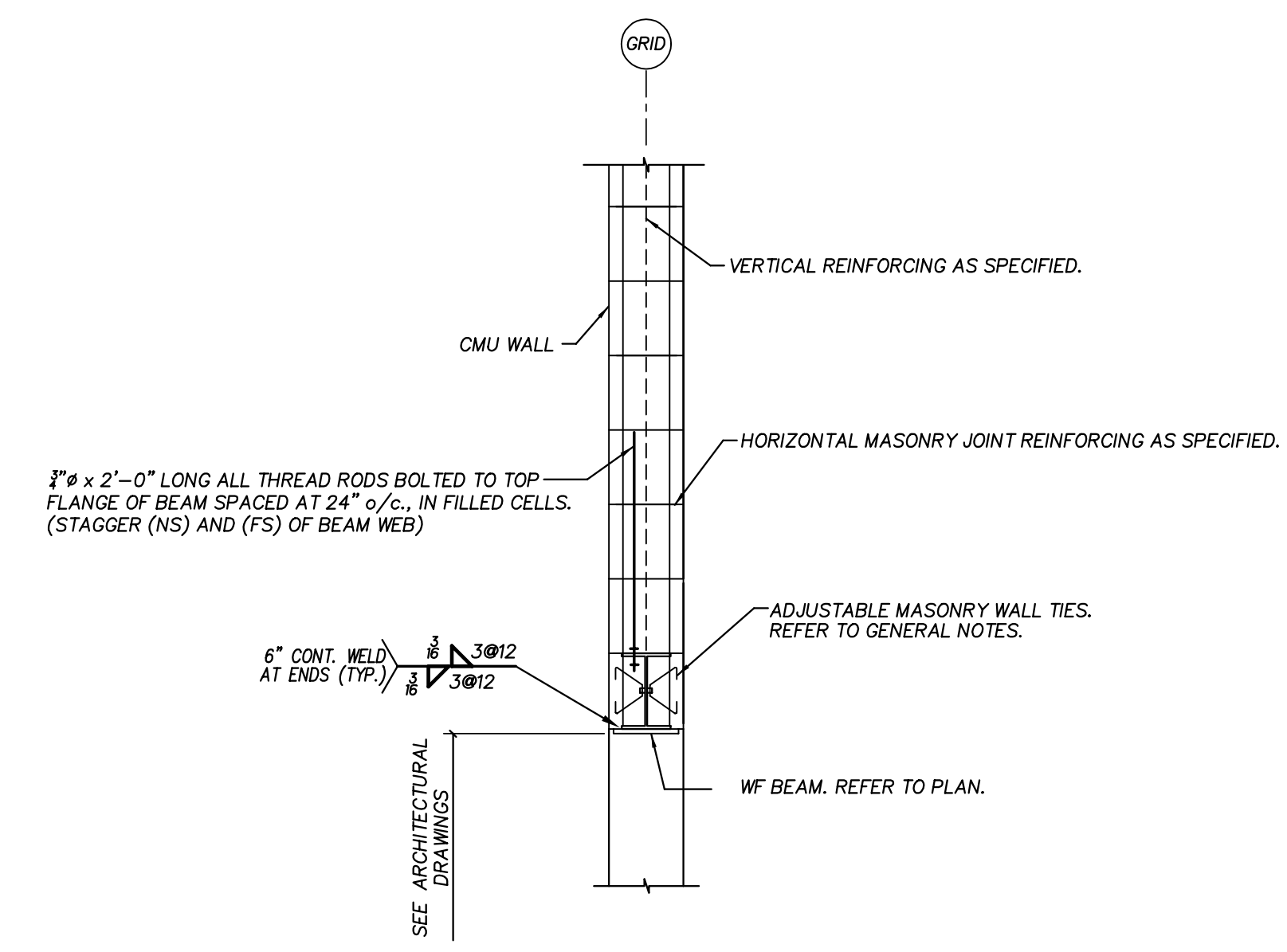
Project No. **22112**
 Date: **23 Oct 2023**
 Drawing no. **S 1101**



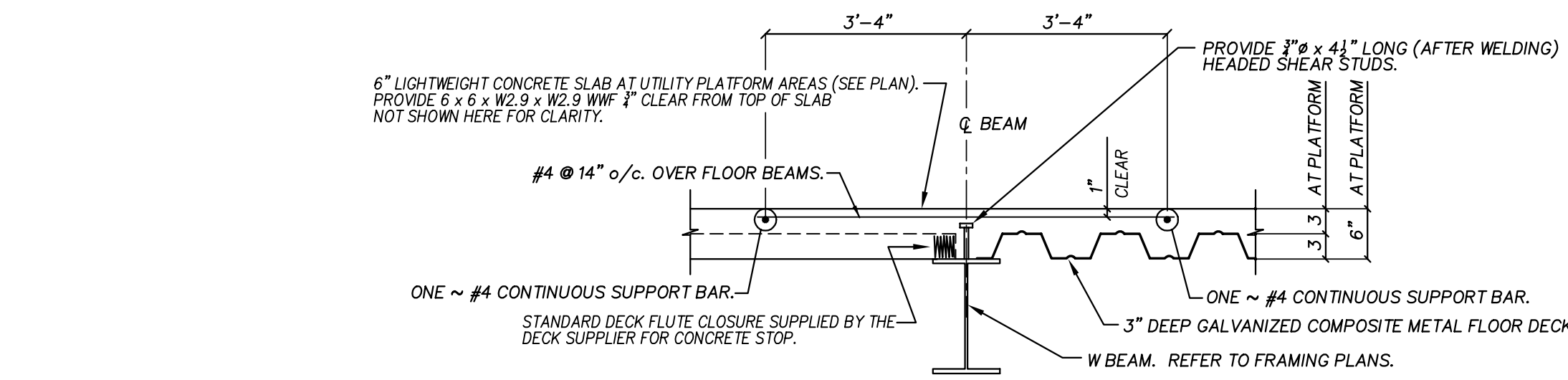
1 TYPICAL PLATFORM SUPPORT BEAM
NO SCALE



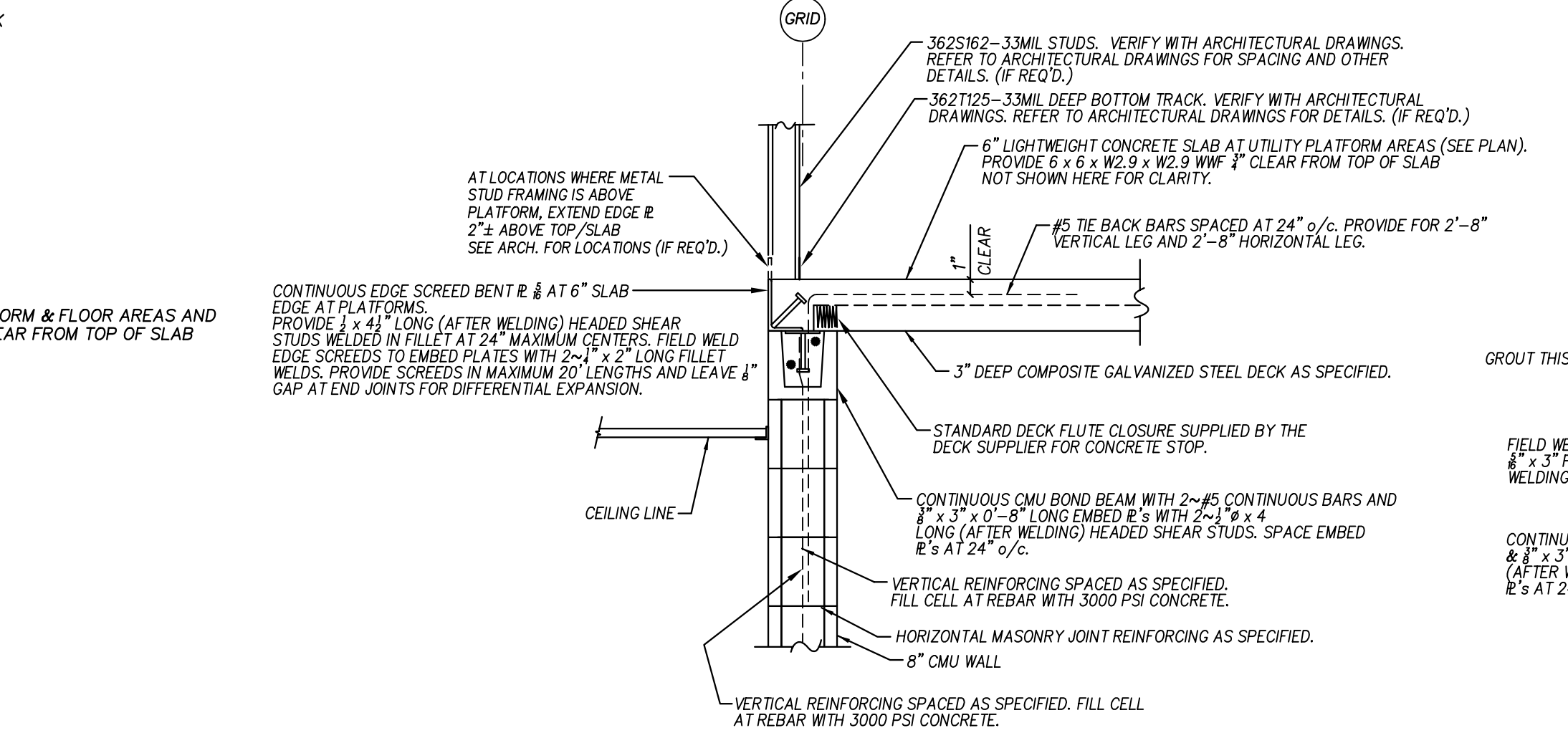
3 TYPICAL CMU LOAD BEARING WALL DETAIL AT ELEVATED SLAB
NO SCALE



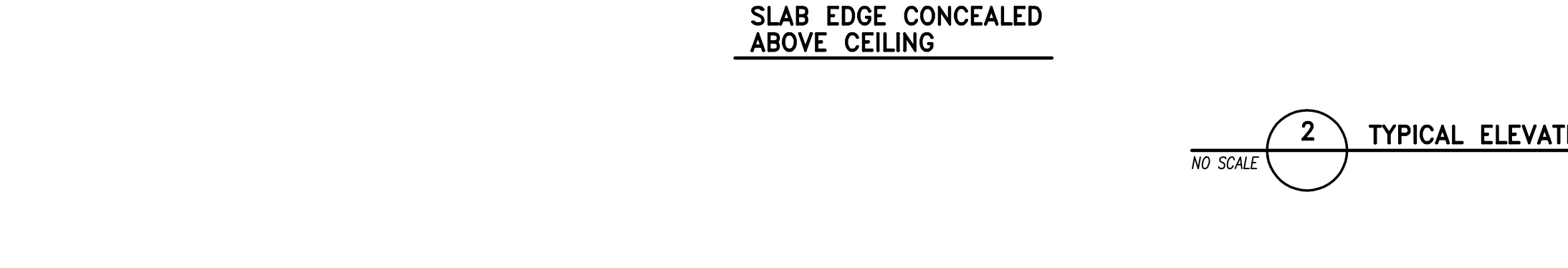
5 TYPICAL WF BEAM AT CMU WALL
NO SCALE



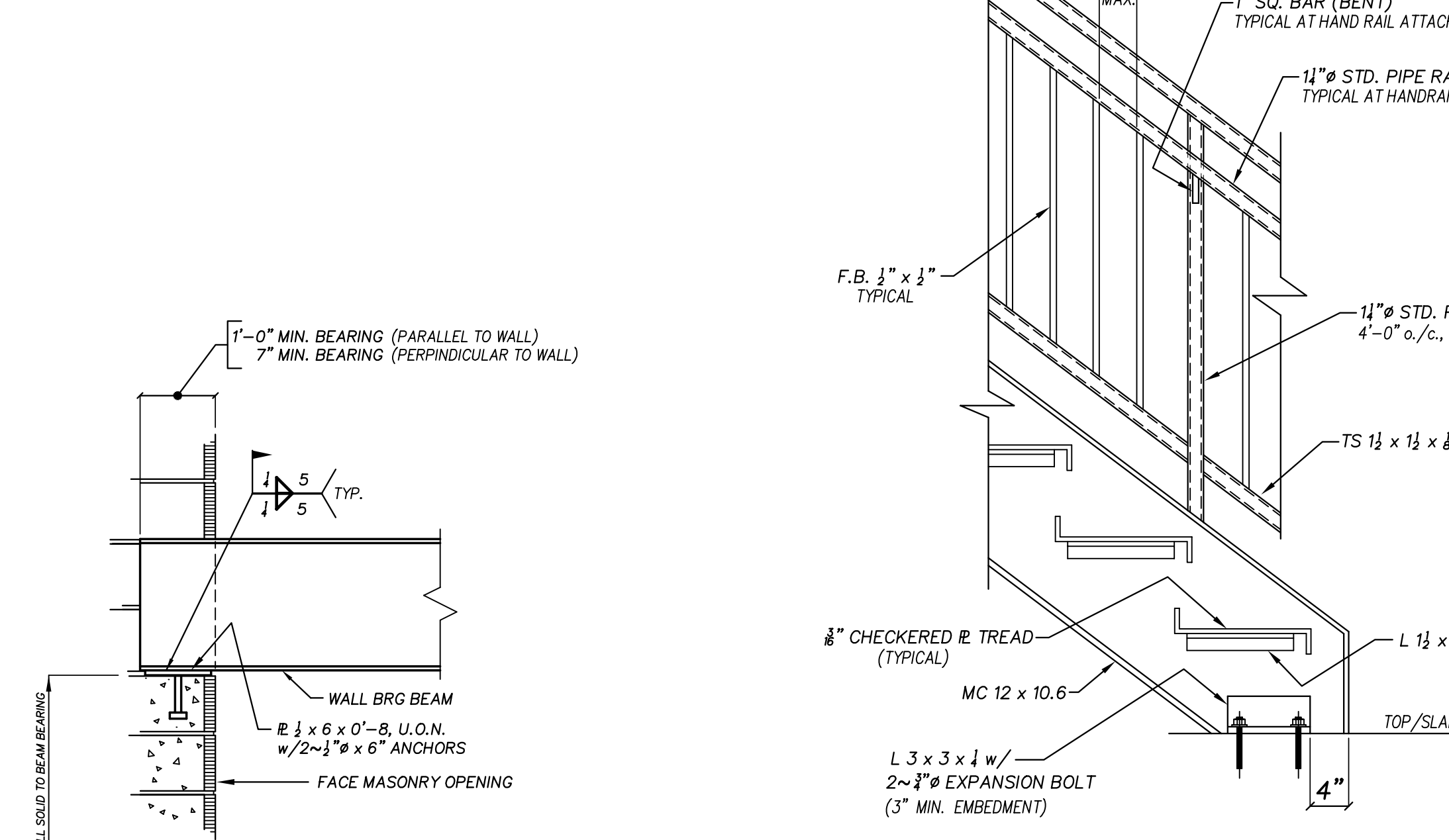
2 TYPICAL ELEVATED SLAB EDGE DETAILS
NO SCALE



4 TYPICAL WF LINTEL BEAM AT CMU AND BRICK
NO SCALE



6 TYPICAL BEAM BEARING DETAIL
NO SCALE



7 TYPICAL STAIR CONSTRUCTION
NO SCALE

- 8 NOT USED
- 9 NOT USED
- 10 NOT USED
- 11 NOT USED

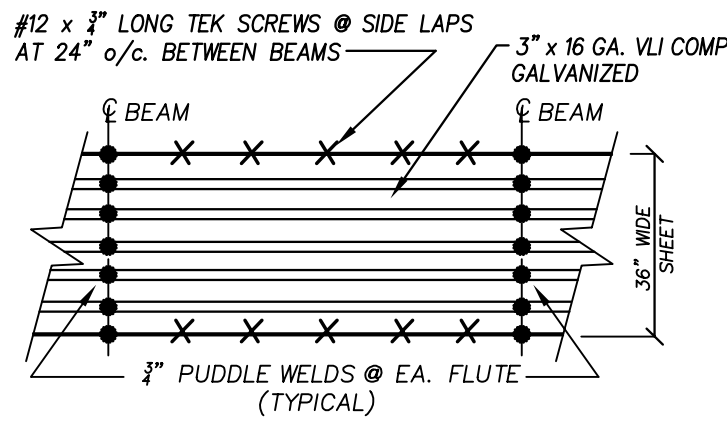
NOTE: ALL METAL STUDS AND METAL SYSTEM TO BE MANUFACTURED BY DIETRICH INDUSTRIES OR APPROVED EQUAL

CONNECTION SCHEDULE #10 TEK SCREWS (U.N.O.) (IF REQUIRED)

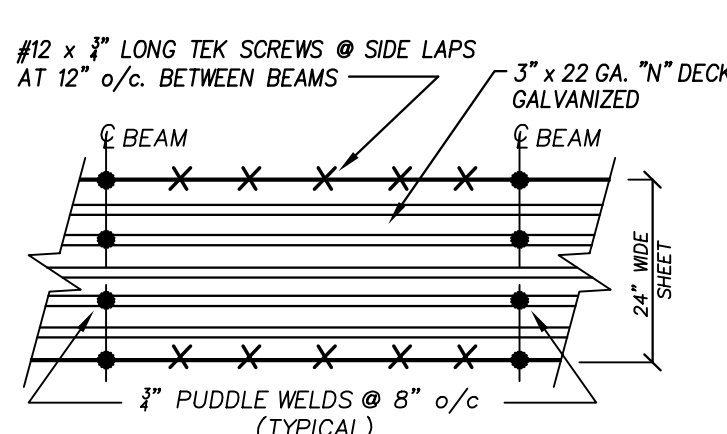
CONNECTION TYPE	COMMENTS
BOTTOM TRACK TO FLOOR	2~ POWDER DRIVEN FASTENERS @ 24\"/>
STUD TO BOTTOM TRACK	ONE SCREW IN EA. FLANGE, U.O.N.
STUD TO TOP TRACK	ONE SCREW IN EA. FLANGE, U.O.N.
TOP TRACK TO BEAM/GIRDER/JOIST	2~ POWDER DRIVEN FASTENERS @ 24\"/>
PLYWOOD TO STUDS	SCREW @ 6\"/>
TOP PL TO TRACK	#10 TEK AT 12\"/>
FC TO STUD	4~#10 TEK
FC TO SLAB	3\"/>
JOIST TO TOP TRACK (BEARING)	(2) SCREWS IN FLANGE
PLYWOOD FLOORING TO JOIST	SCREW @ 12\"/>
BRIDGING TO JOISTS	16 GA. CLIP ANGLE w/ 4 SCREWS
BLOCKING TO JOISTS	16 GA. CLIP ANGLE w/ 4 SCREWS
TREAD TO VERTICAL STUD	(4) #10 TEK SCREWS IN WEB
WOOD SHEATHING	8d, 12\"/>
HEADER TO HEADER	#10 TEK AT 12\"/>
HEADER TO CRIPPLE	SA 18 GA. w/ 4~#8 TEK PER LEG
CRIPPLE TO LOWER TRACK	2~#8 TEK EA. FL.
HEADER TO BEARING STUD	SA 18 GA. w/ 4~#8 TEK PER LEG
BEARING STUD TO CRC BRACE	BRIDGE CLIP
BEARING STUD TO BRIDGE CLIP	4~#10 TEK
BRIDGE CLIP TO CRC	4~#10 TEK
STUD TO WALL	2 SCREWS IN EA. WEB @ 16\"/>
JOIST TO JOIST INTERFACE	ONE SCREW IN EA. FLANGE
PLYWOOD FLOORING TO JOIST	SCREW @ 12\"/>
BRIDGING TO JOISTS	16 GA. CLIP ANGLE w/ 4 SCREWS
BLOCKING TO JOISTS	16 GA. CLIP ANGLE w/ 4 SCREWS
DOUBLE OR SINGLE 2x PLATE TO MASONRY	1\"/>

LOOSE LINTEL SCHEDULE (TYPICAL, U.O.N.)

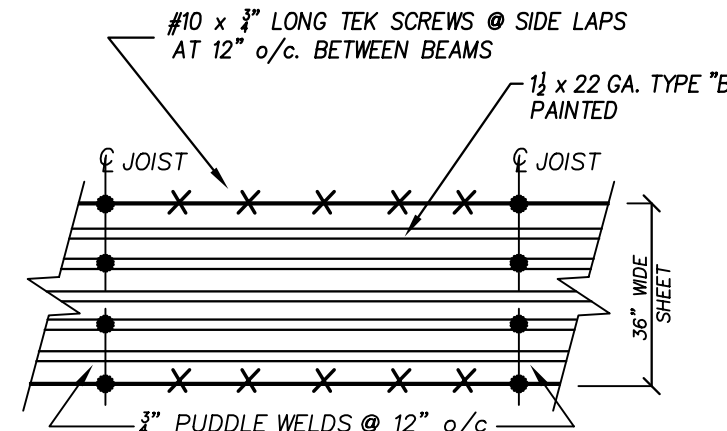
MARK	SIZE	M.O.	BEARING	REMARKS
L1	L 3 1/2 x 3 1/2 x 1/8	1'-8 to 5'-0	8" @ EA. END	
L2	L 5 x 3 1/2 x 1/8	5'-0 to 7'-0	8" @ EA. END	
L3	L 6 x 3 1/2 x 1/8	7'-0 to 8'-0	8" @ EA. END	
L4	W 8 x 10	w/E	8" @ EA. END	BEAR SIM TO 6/S1102
L5	W 8 x 18	w/E	10'-0 to 12'-0	12" @ EA. END BEAR SIM TO 6/S1102
L6	W 16 x 26	w/E	12'-0 to 20'-0	12" @ EA. END BEAR SIM TO 6/S1102
L7	W 16 x 31	w/E	20'-0 >	12" @ EA. END BEAR SIM TO 6/S1102



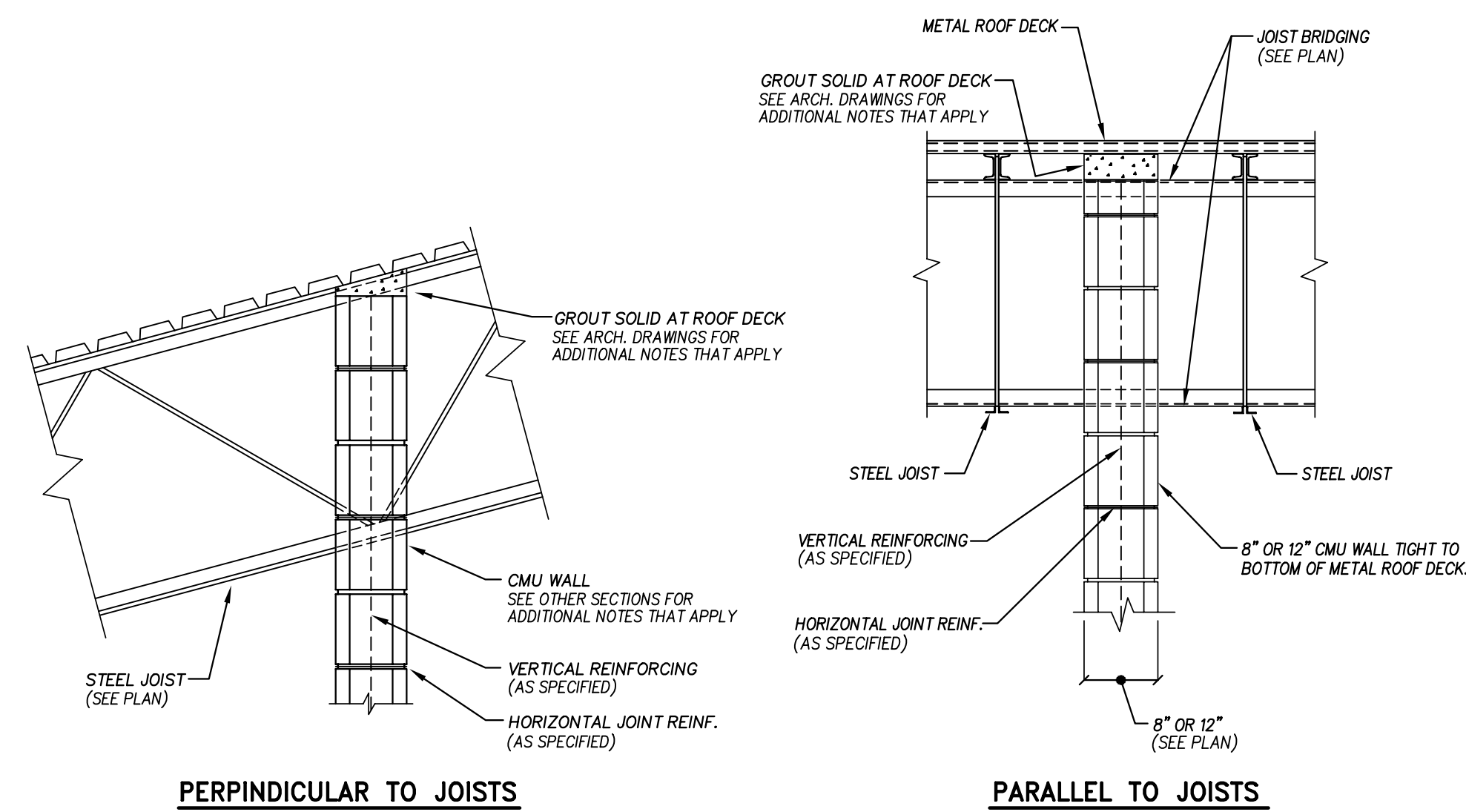
8 DECK FASTENING DETAIL TYPE "A" VLI COMPOSITE FLOOR DECK
NO SCALE



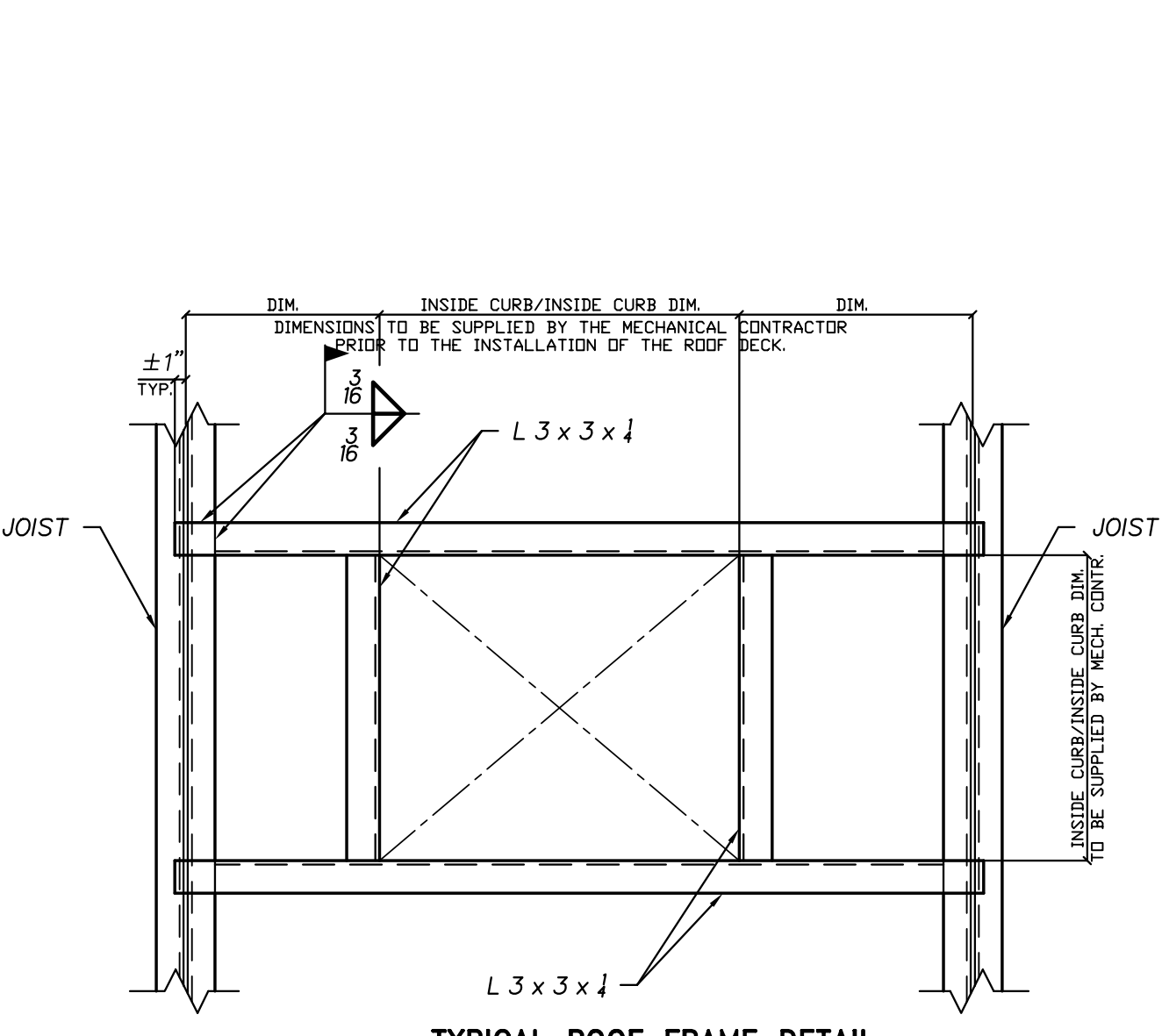
9 DECK FASTENING DETAIL TYPE "N" ROOF DECK
NO SCALE



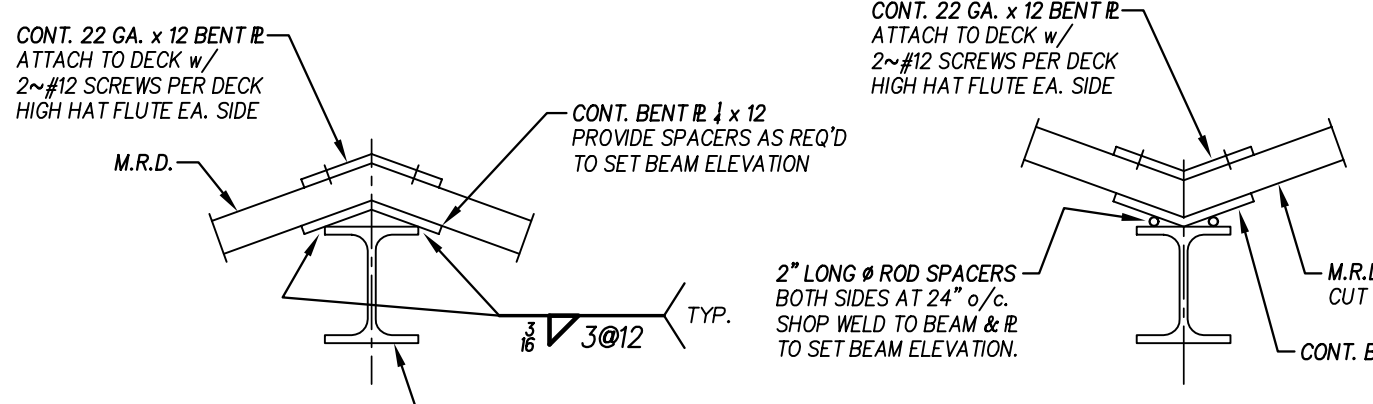
10 DECK FASTENING DETAIL TYPE "B" ROOF DECK
NO SCALE



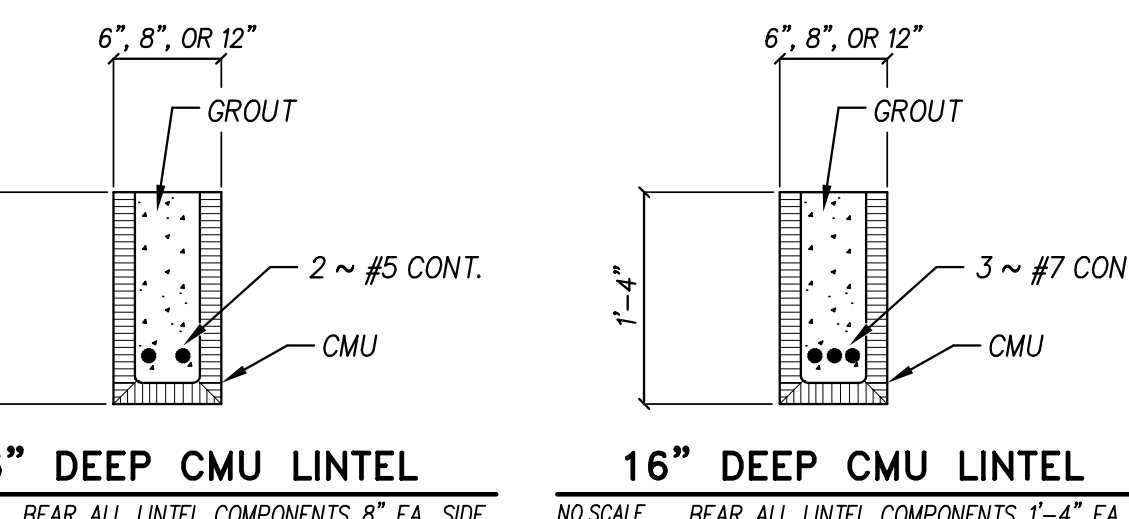
12 TYPICAL INTERIOR CMU WALL SEALED TO METAL ROOF DECK
NO SCALE



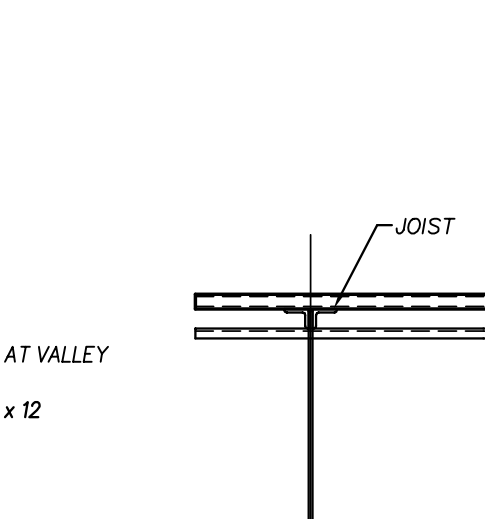
13 TYPICAL ROOF FRAME DETAIL (IF REQUIRED)
NO SCALE



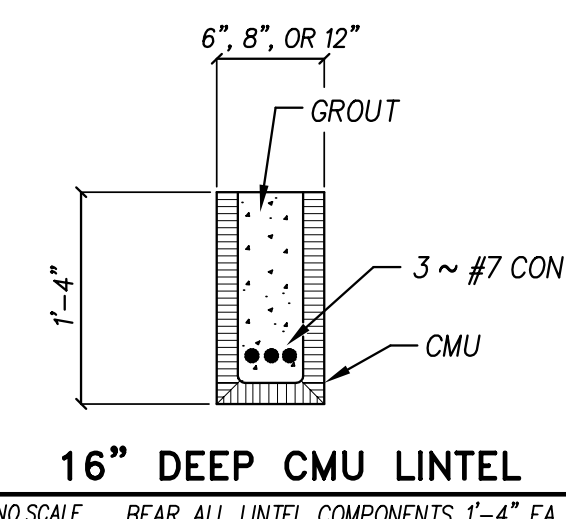
11 TYPICAL HIP AND VALLEY BEAM DETAIL
NO SCALE



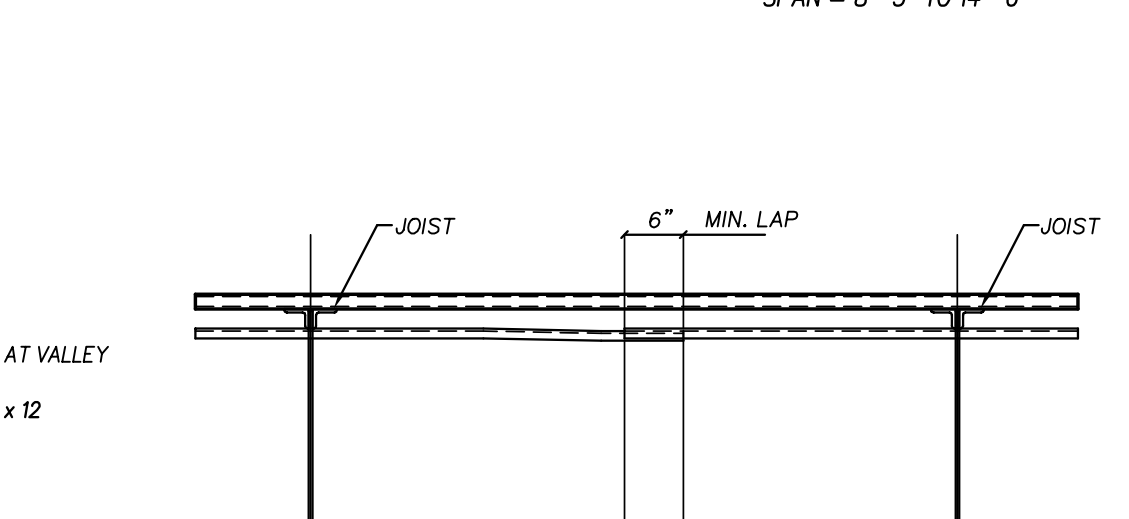
14 8" DEEP CMU LINTEL
NO SCALE



15 16" DEEP CMU LINTEL
NO SCALE



16 16" DEEP CMU LINTEL
NO SCALE



17 TYPICAL HORIZ. BRIDGING SPLICE DETAIL
NO SCALE

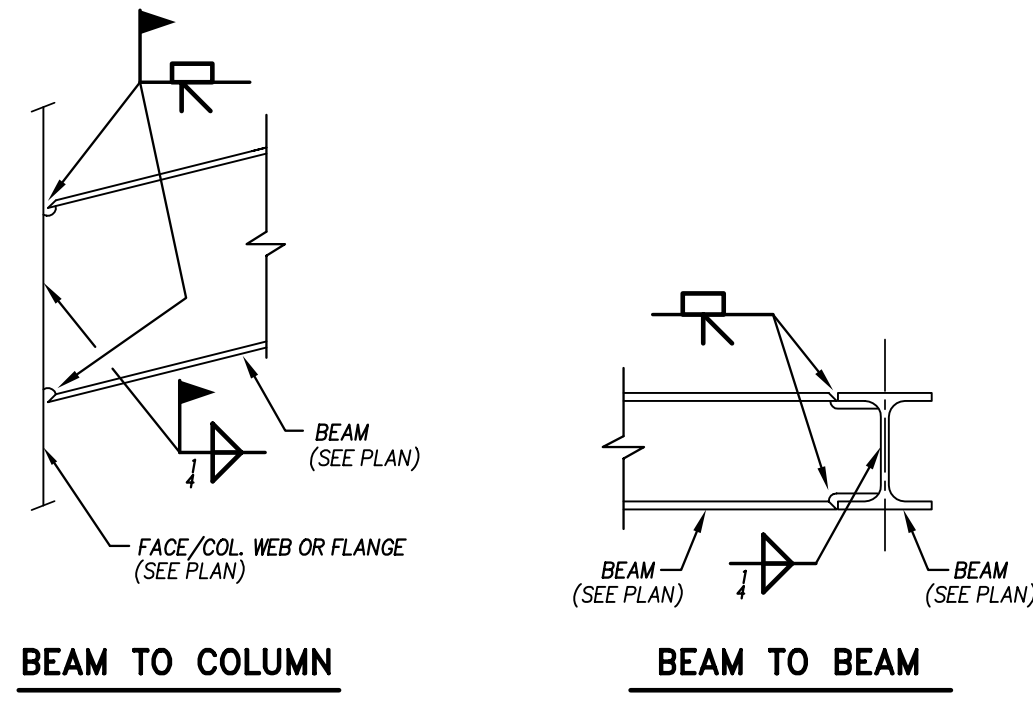
Revision	Date

Hite associates
ARCHITECTURE / ENGINEERING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27838 / tel (252) 757-0333

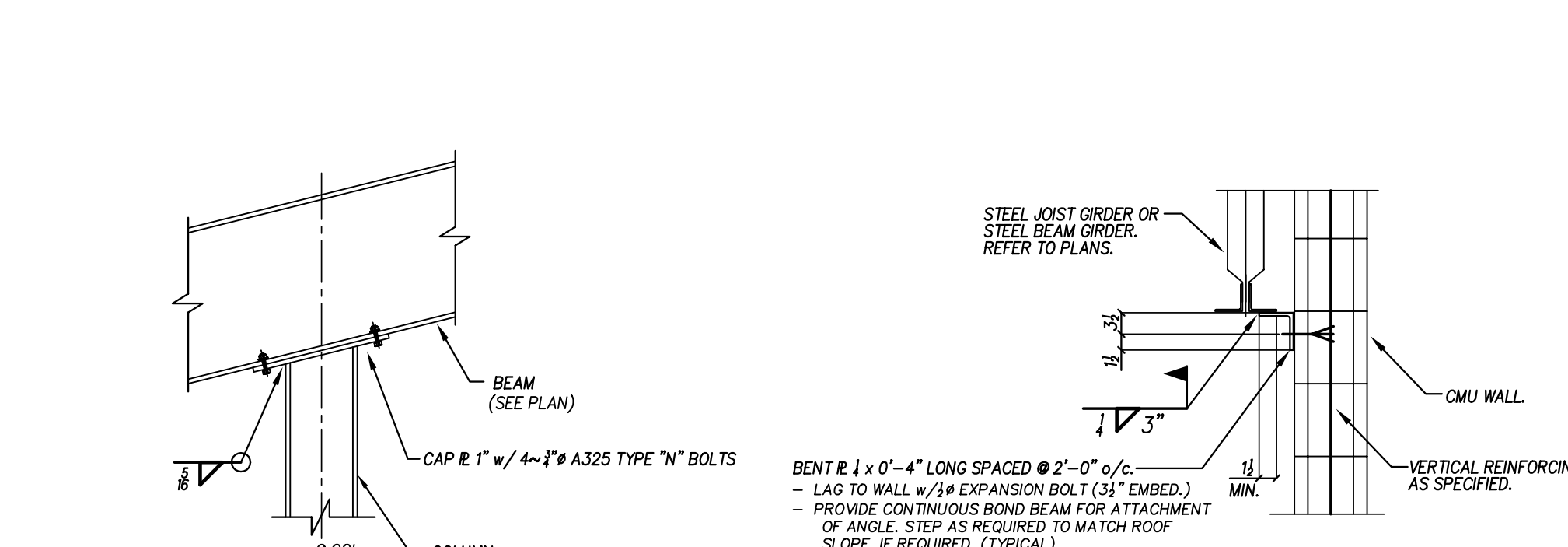
QUEEN ENGINEERING & DESIGN
REGISTERED PROFESSIONAL ENGINEERS
23 OCT 2023

New Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

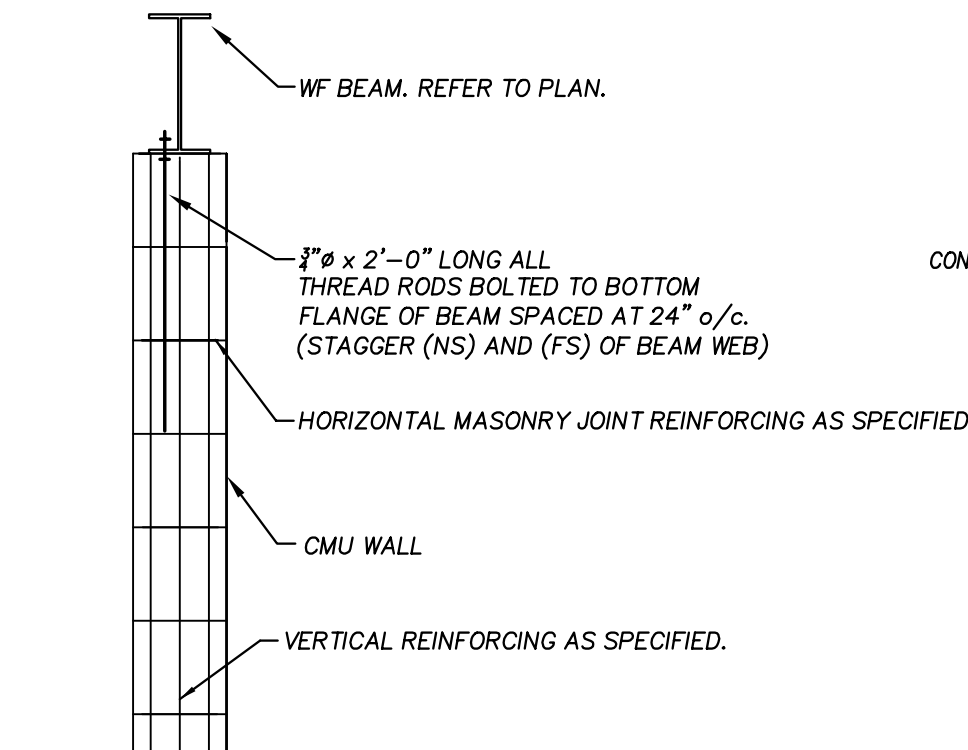
Project No. 22112
Date: 23 OCT 2023
Drawing no. S 1102



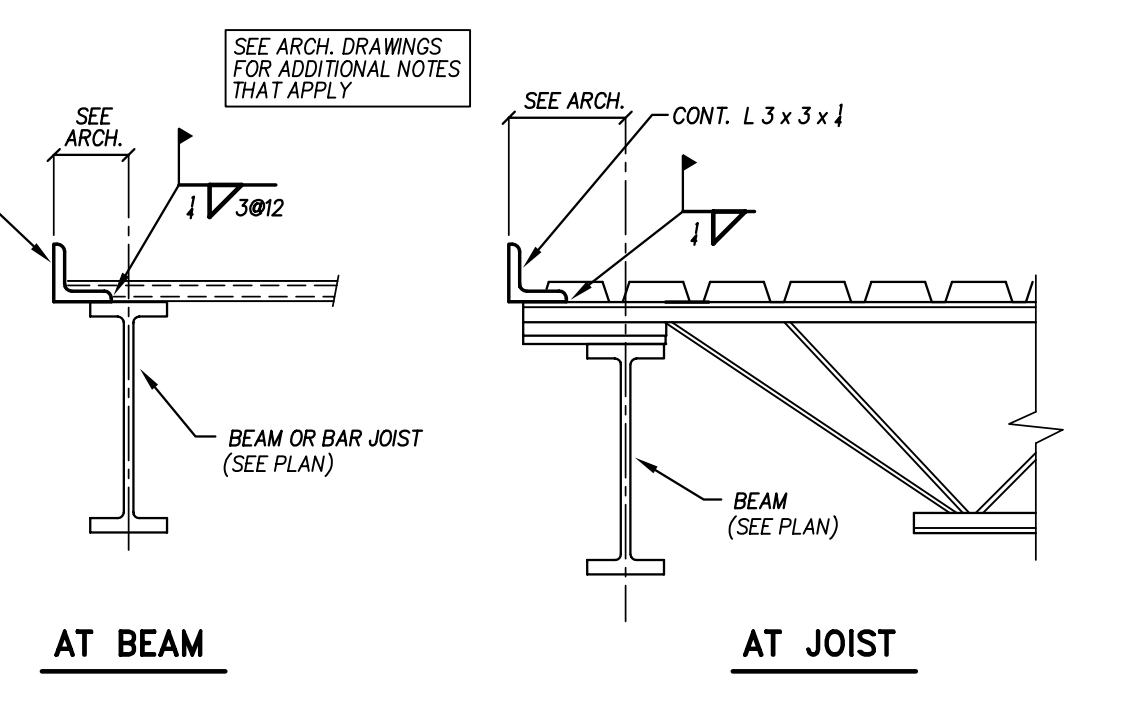
1 TYPICAL MOMENT CONNECTION DETAILS
NO SCALE



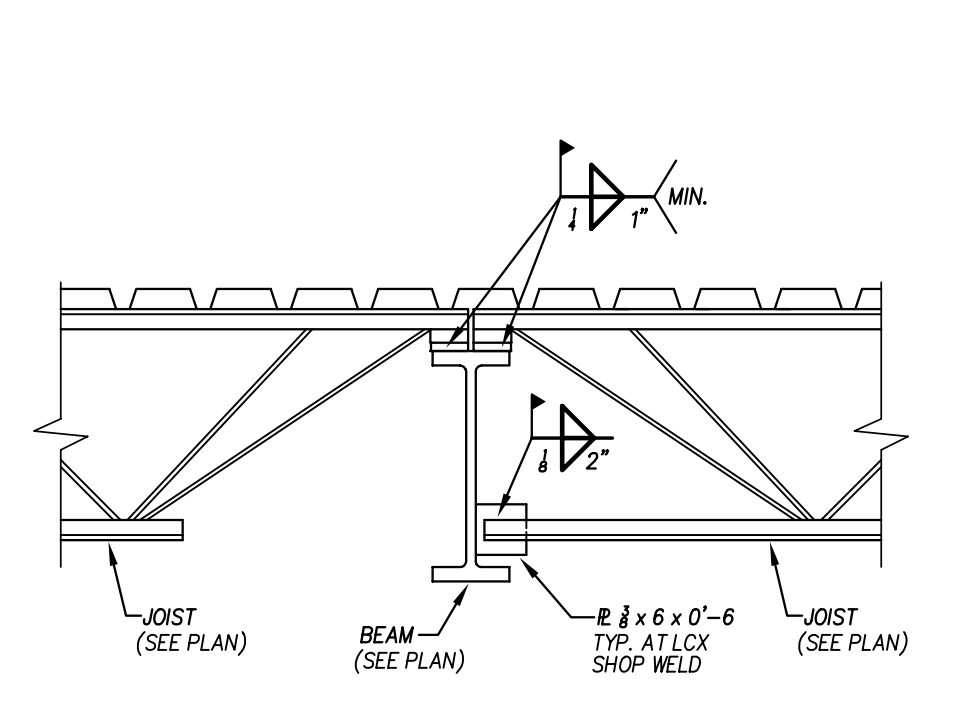
3 CMU WALL TIE DETAIL
NO SCALE



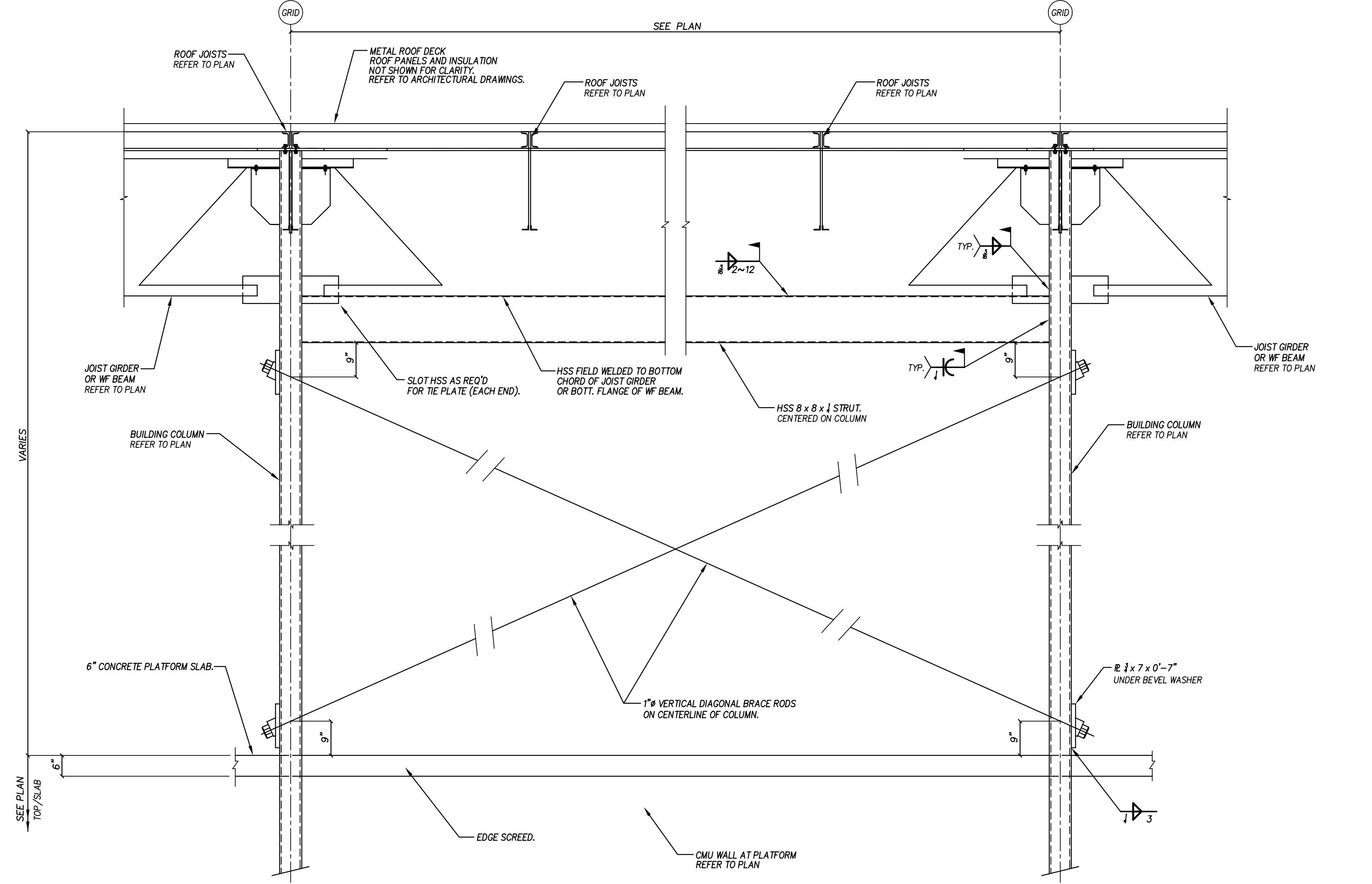
4 BEAM TO CMU WALL CONNECTION
NO SCALE



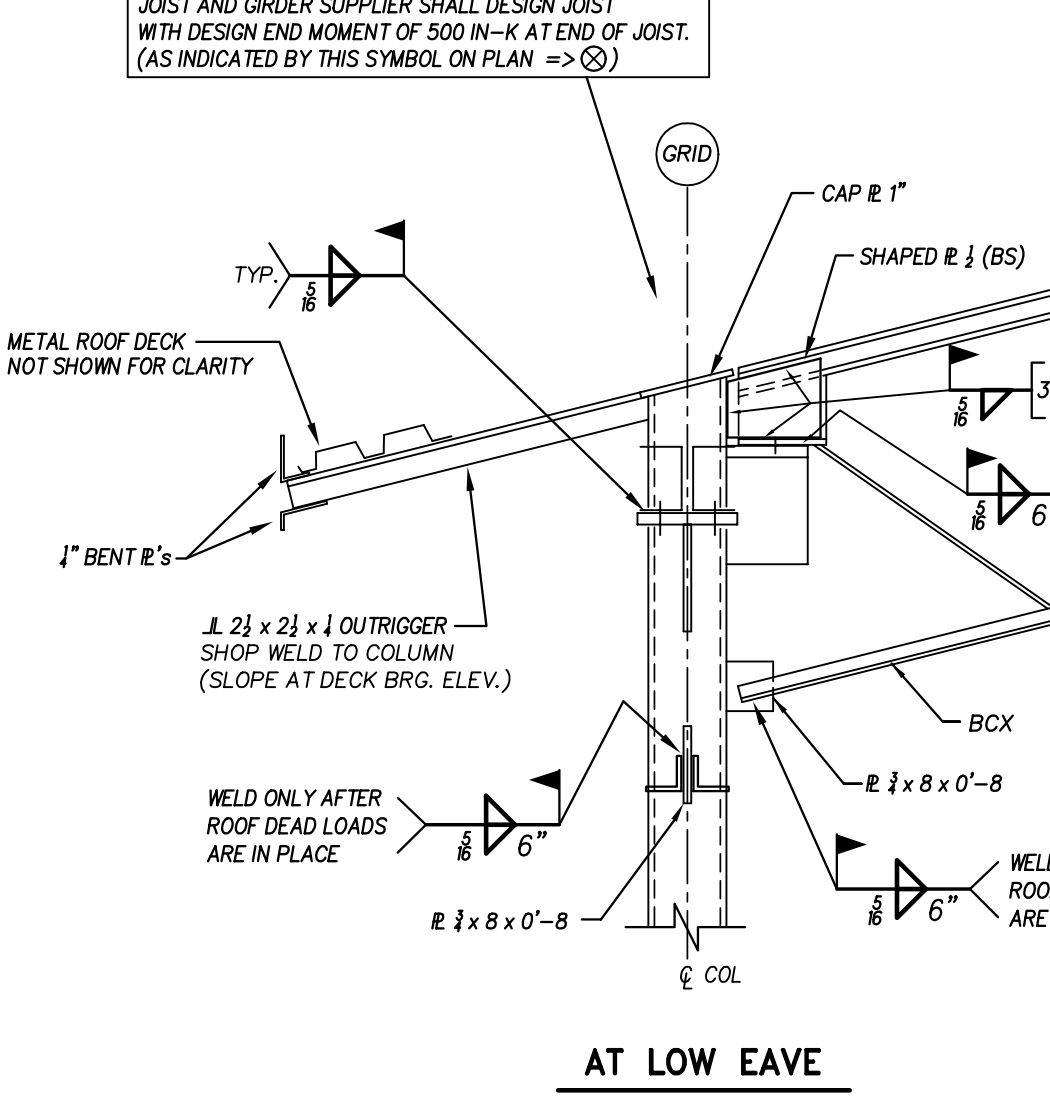
5 EDGE ANGLE AT ROOF
NO SCALE



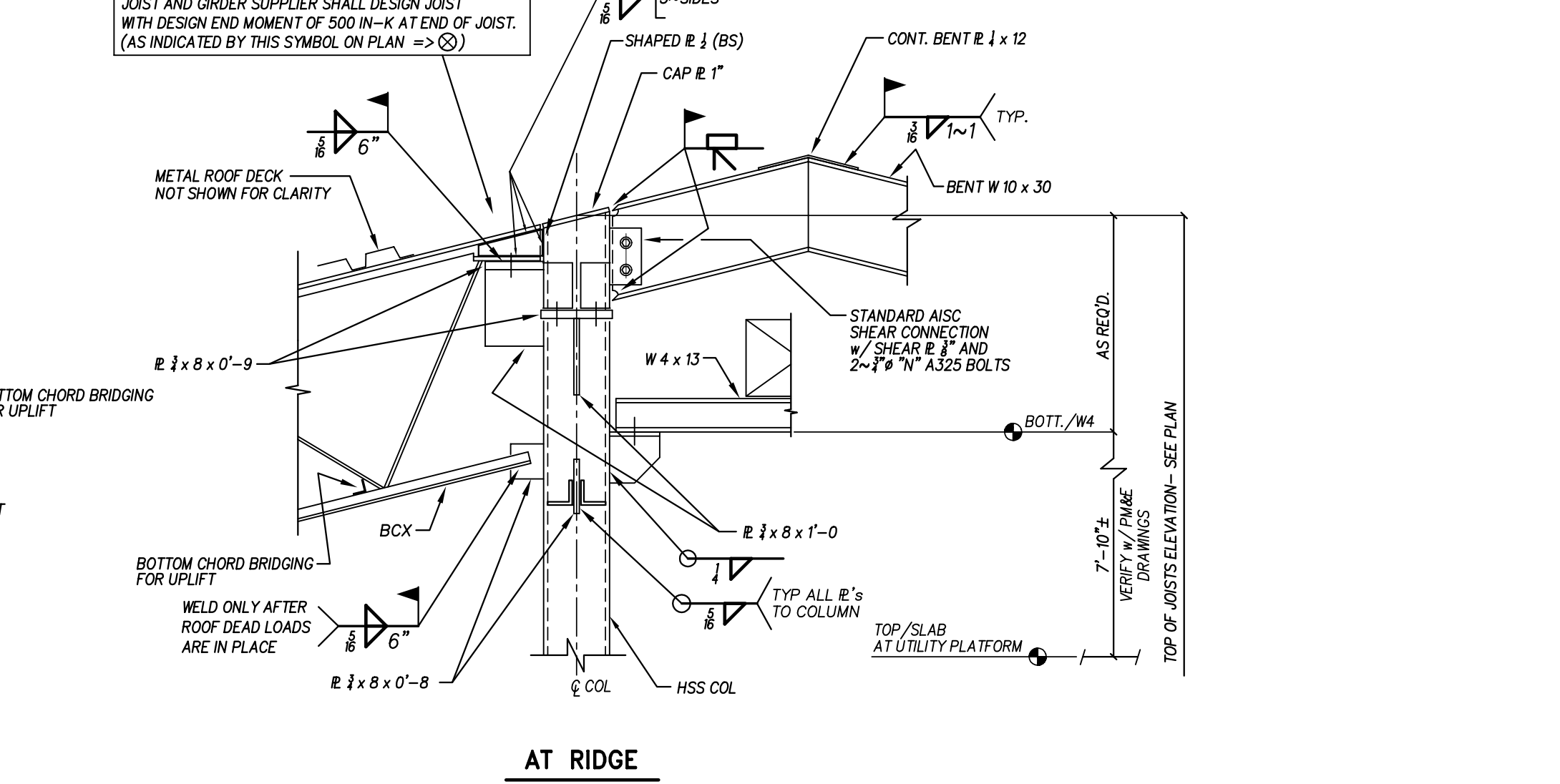
6 TYPICAL JOIST WELD
NO SCALE



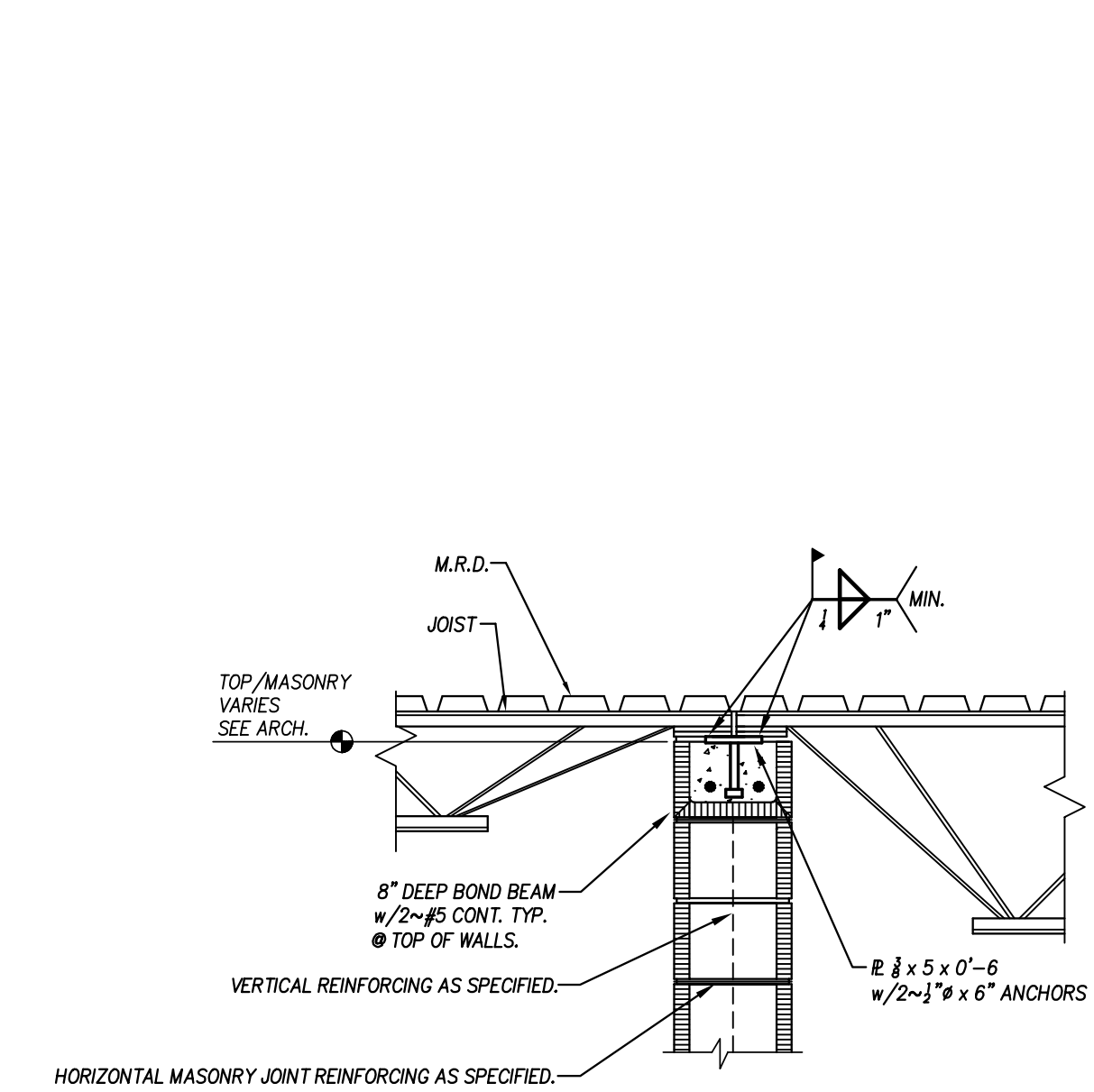
7 TYPICAL ROD VERTICAL BRACE VB-1 DETAIL ABOVE PLATFORM
NO SCALE



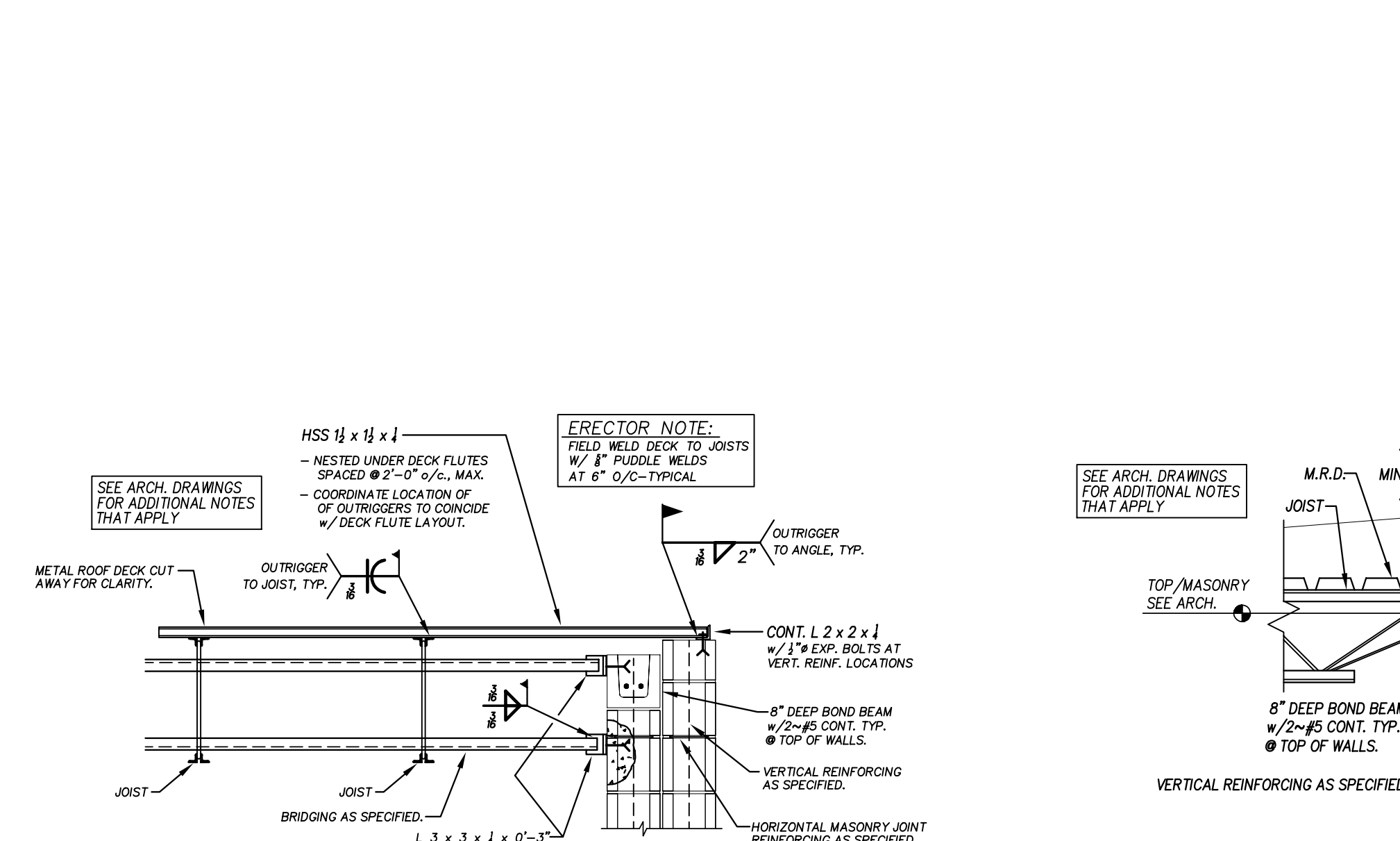
8 CLASSROOM RIDGE DETAIL AT BENT
NO SCALE



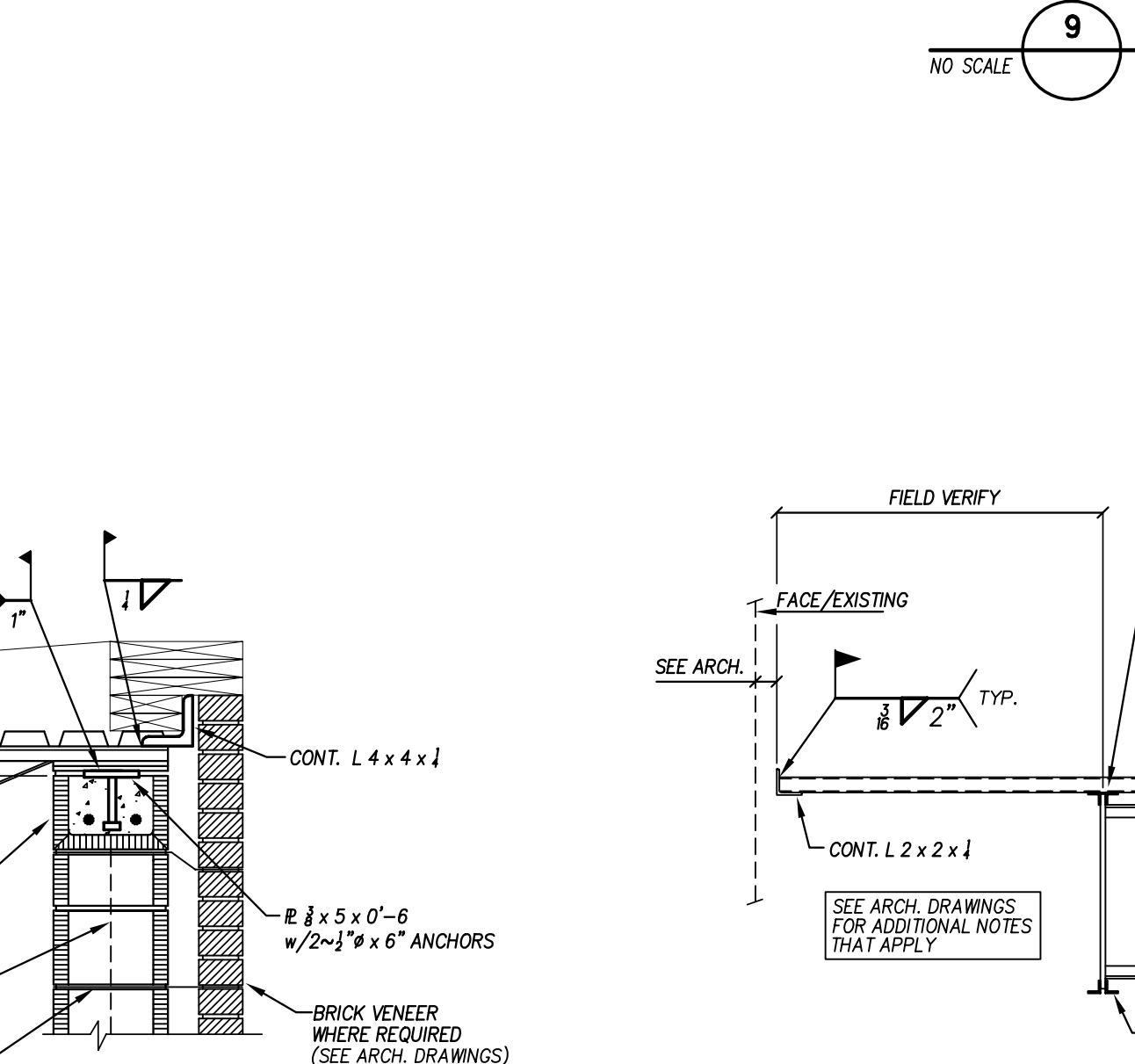
9 TYPICAL DETAIL AT RIDGE OVER PLATFORM
NO SCALE



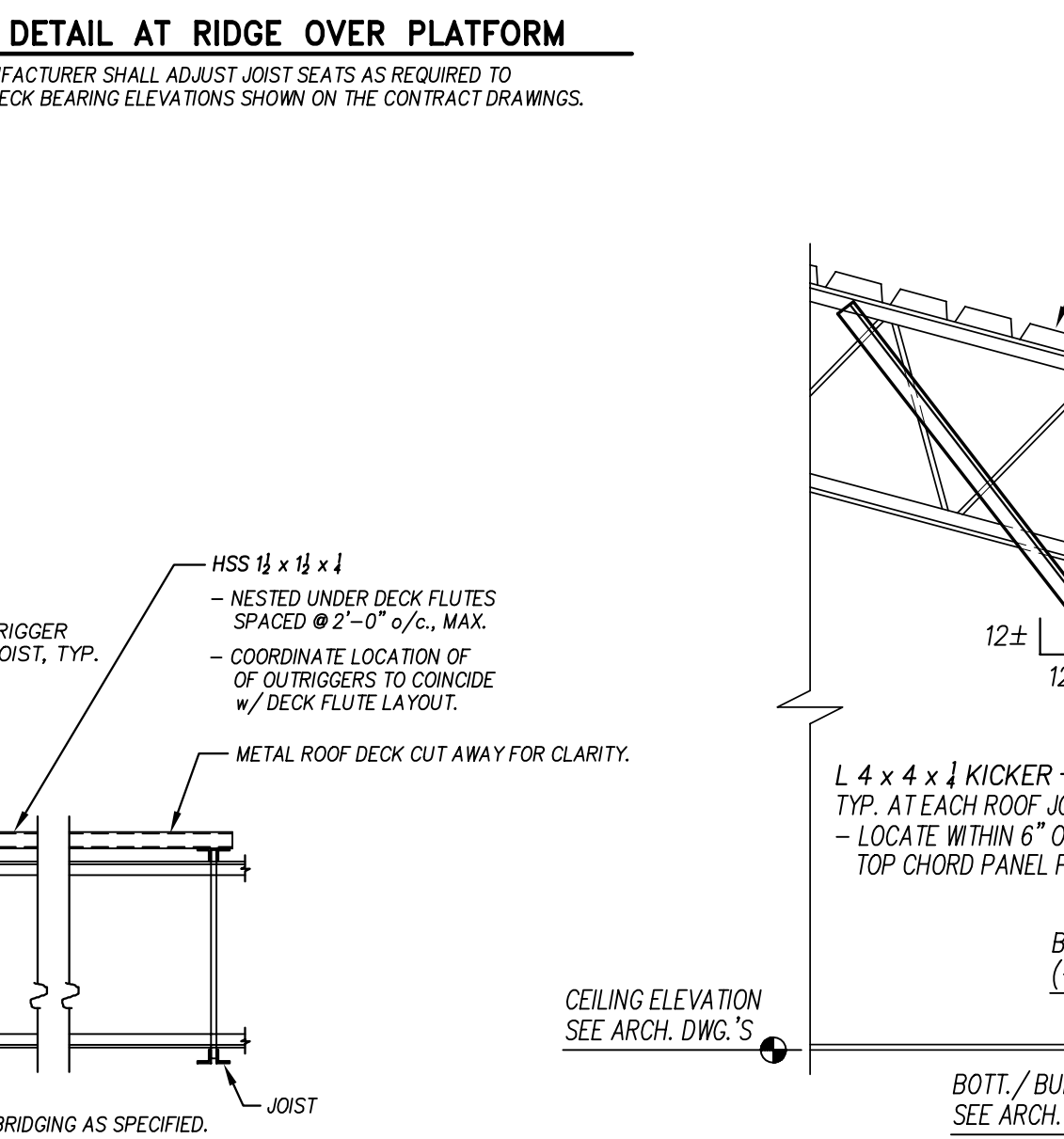
10 TYPICAL JOIST BEARING ON CMU WALL
NO SCALE



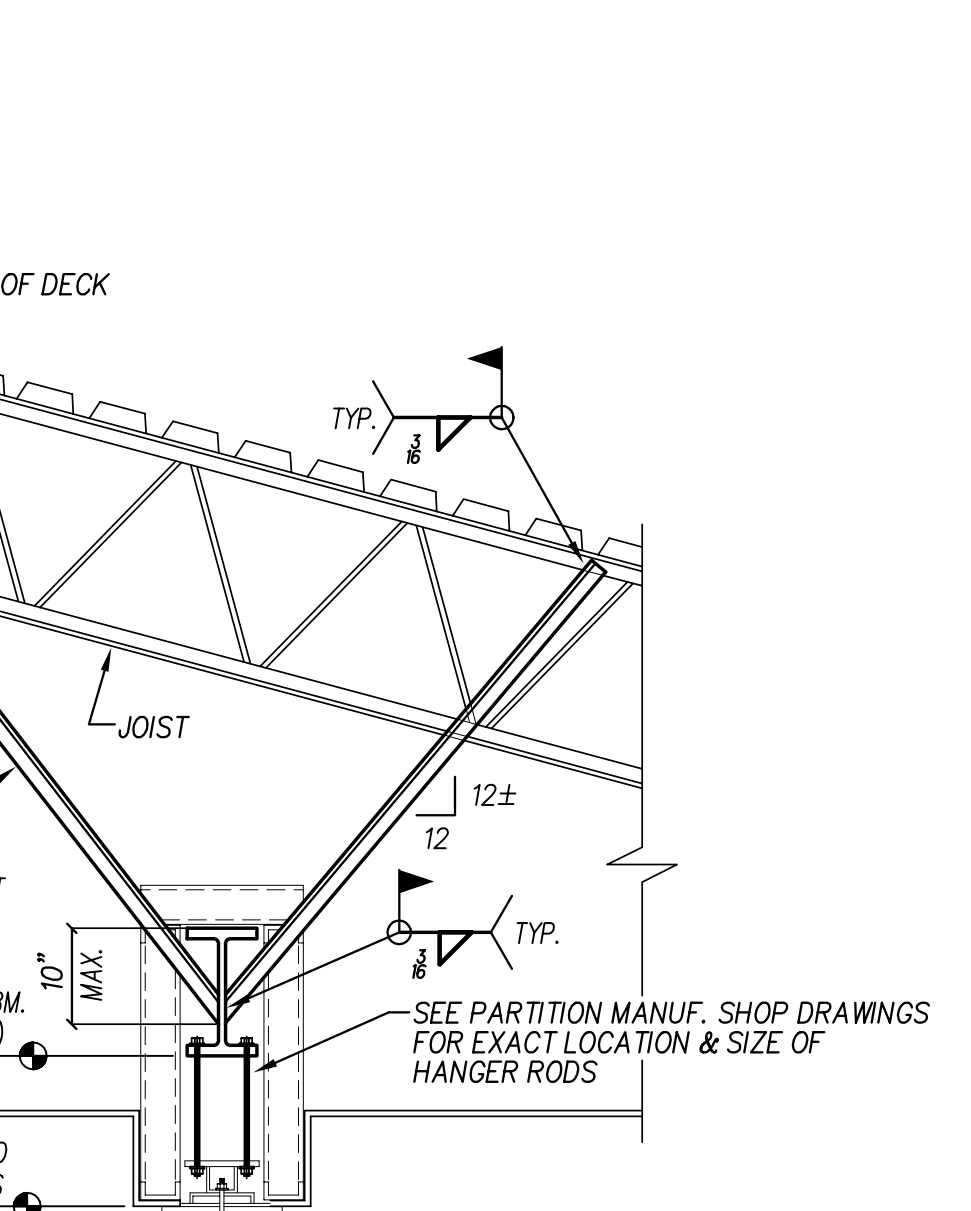
11 DETAIL AT SIDE WALL
NO SCALE



12 JOIST BEARING ON CMU WALL
NO SCALE



13 ROOF EDGE TRANSITION AT EXISTING
NO SCALE



14 SECTION AT FOLDING PARTITION
NO SCALE

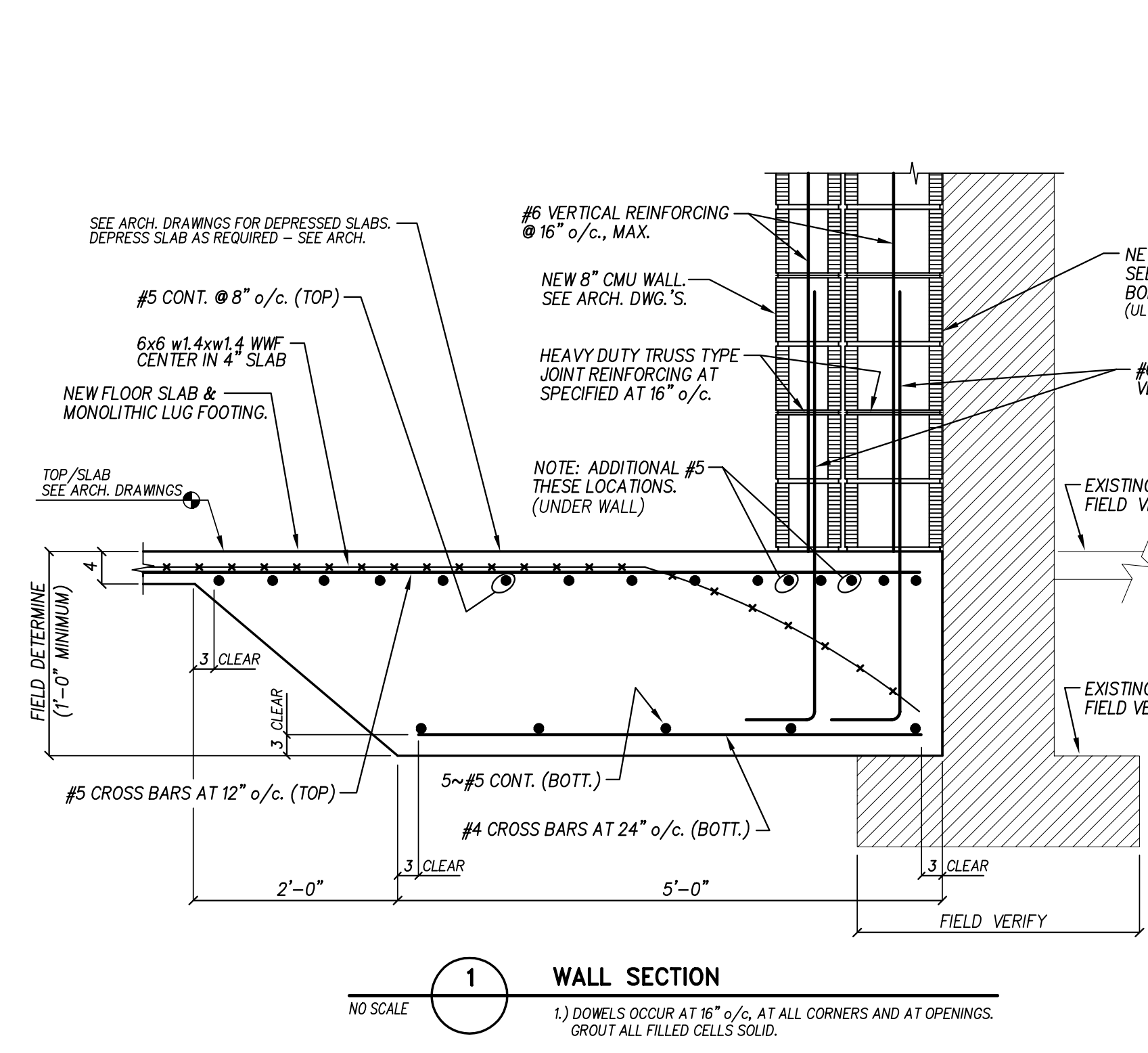
No.	Date	Revision

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2600 Meridian Drive / Greenville, NC 27938 / tel (252) 757-0333

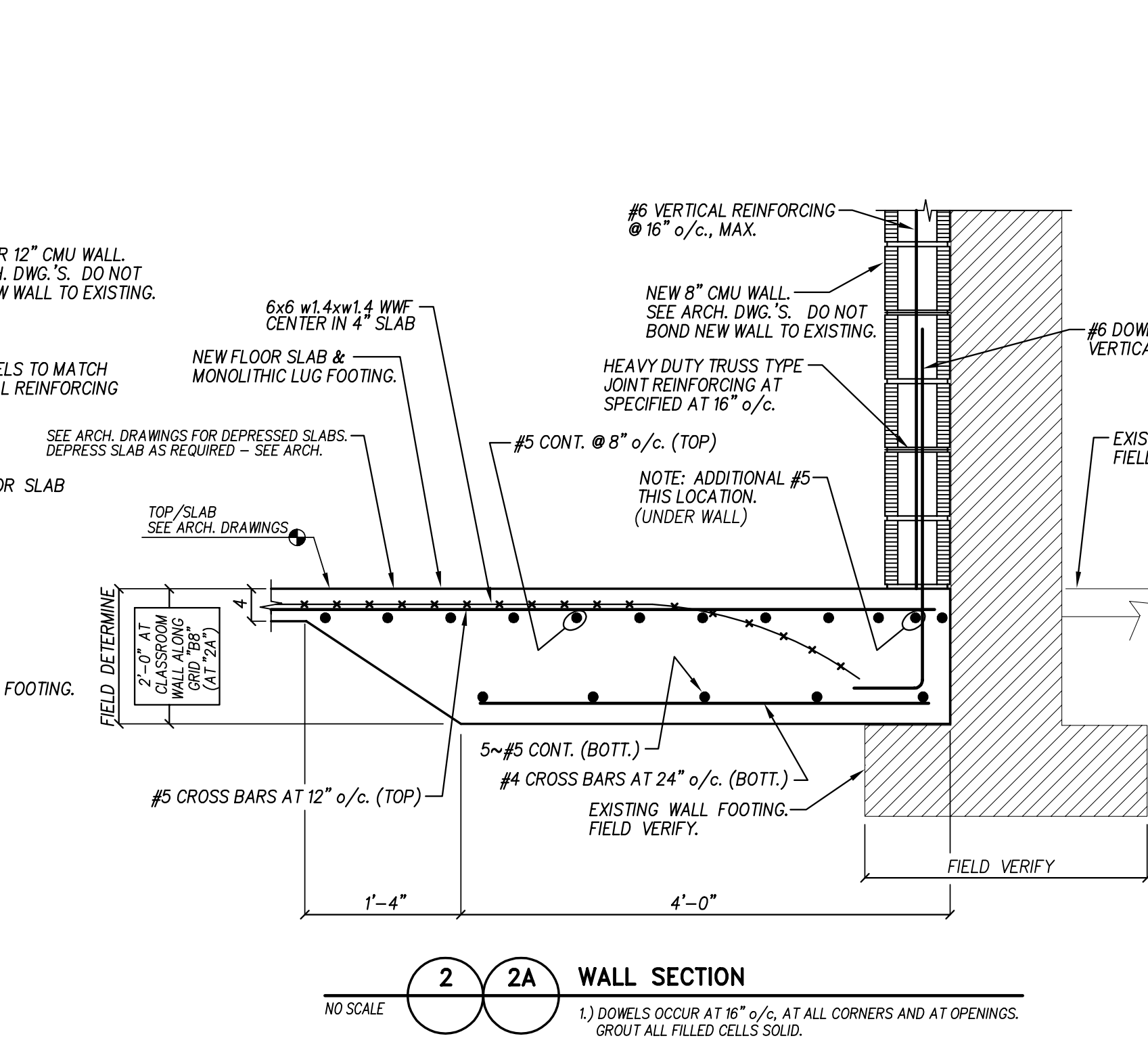
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QUEEN ENGINEERING & DESIGN
REGISTERED PROFESSIONAL ENGINEER
STATE OF NORTH CAROLINA
23 OCT 2023

New Additions to
West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

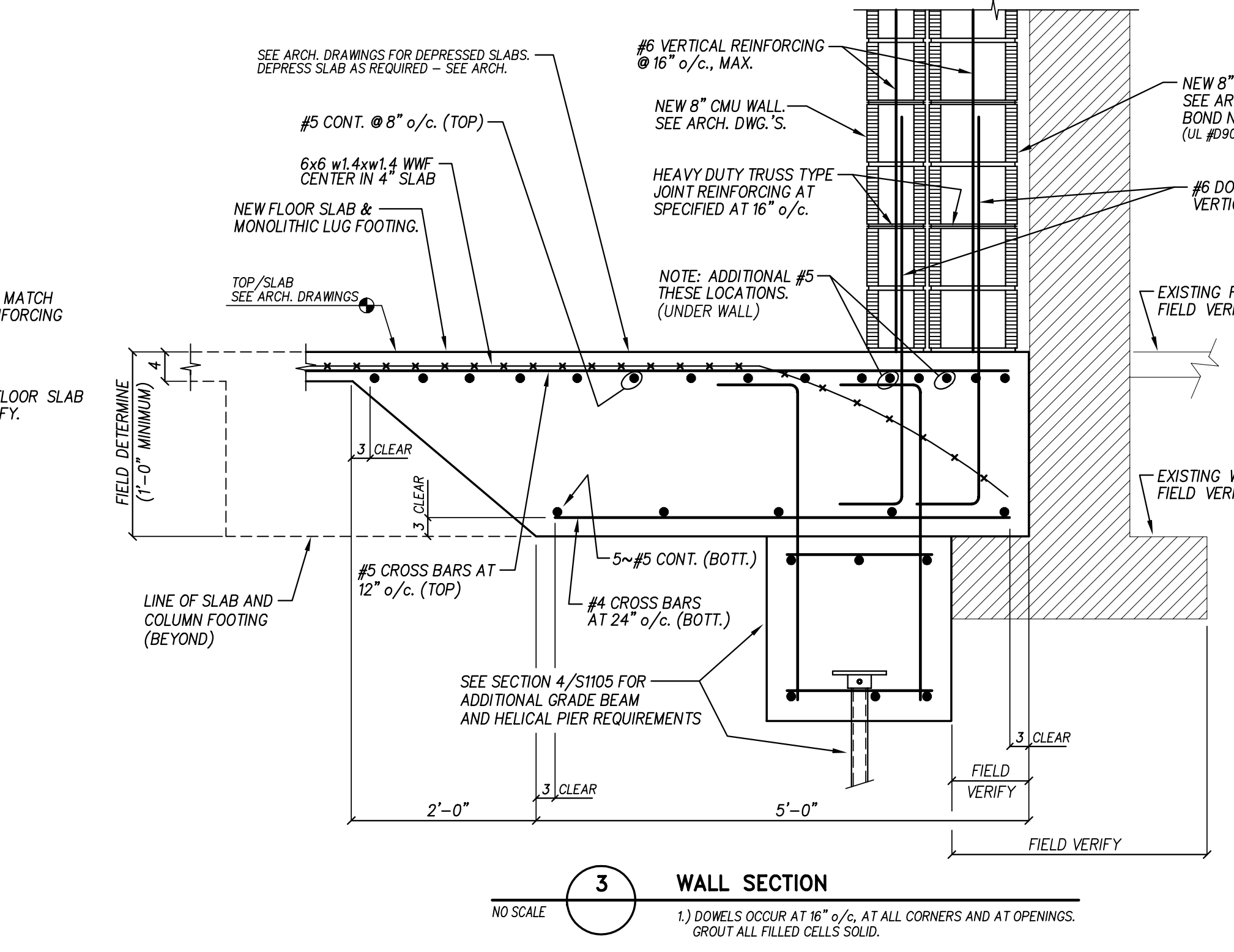
Project No. 22112
Date: 23 OCT 2023
Drawing No. **S 1104**



1 WALL SECTION
NO SCALE
1) DOWELS OCCUR AT 16" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.



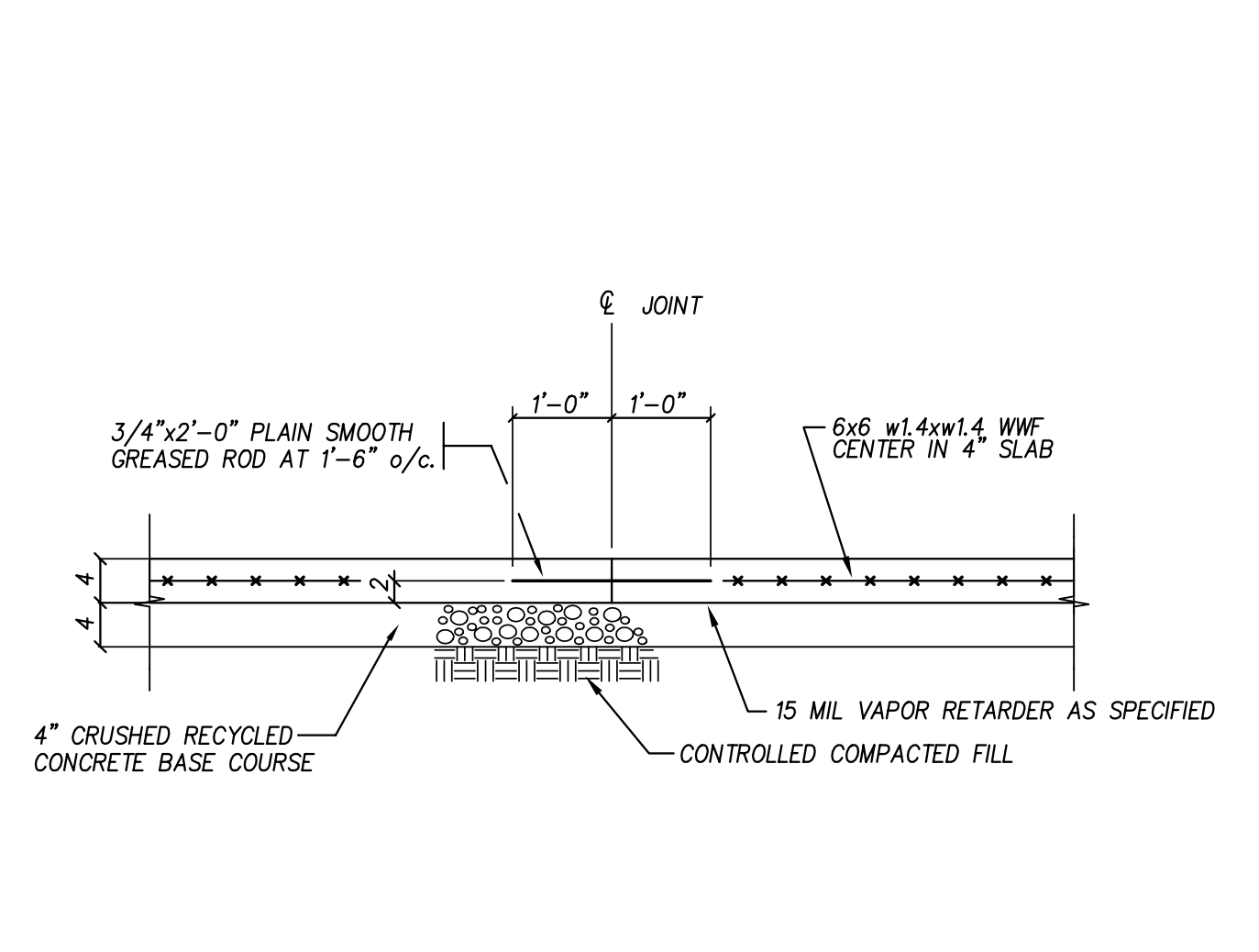
2 WALL SECTION
NO SCALE
1) DOWELS OCCUR AT 16" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.



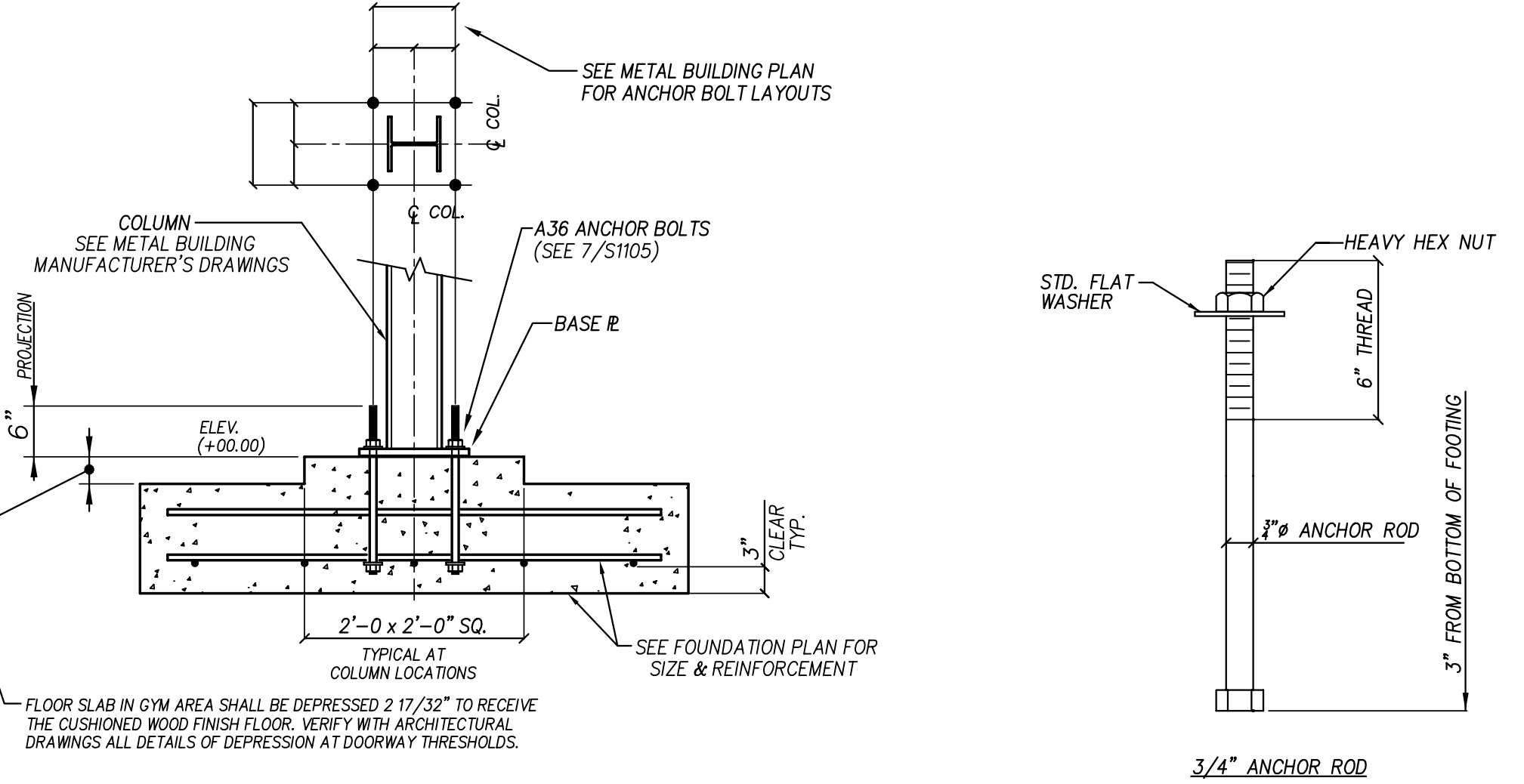
3 WALL SECTION
NO SCALE
1) DOWELS OCCUR AT 16" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.

HELICAL SCREW PILE SPECIFICATION

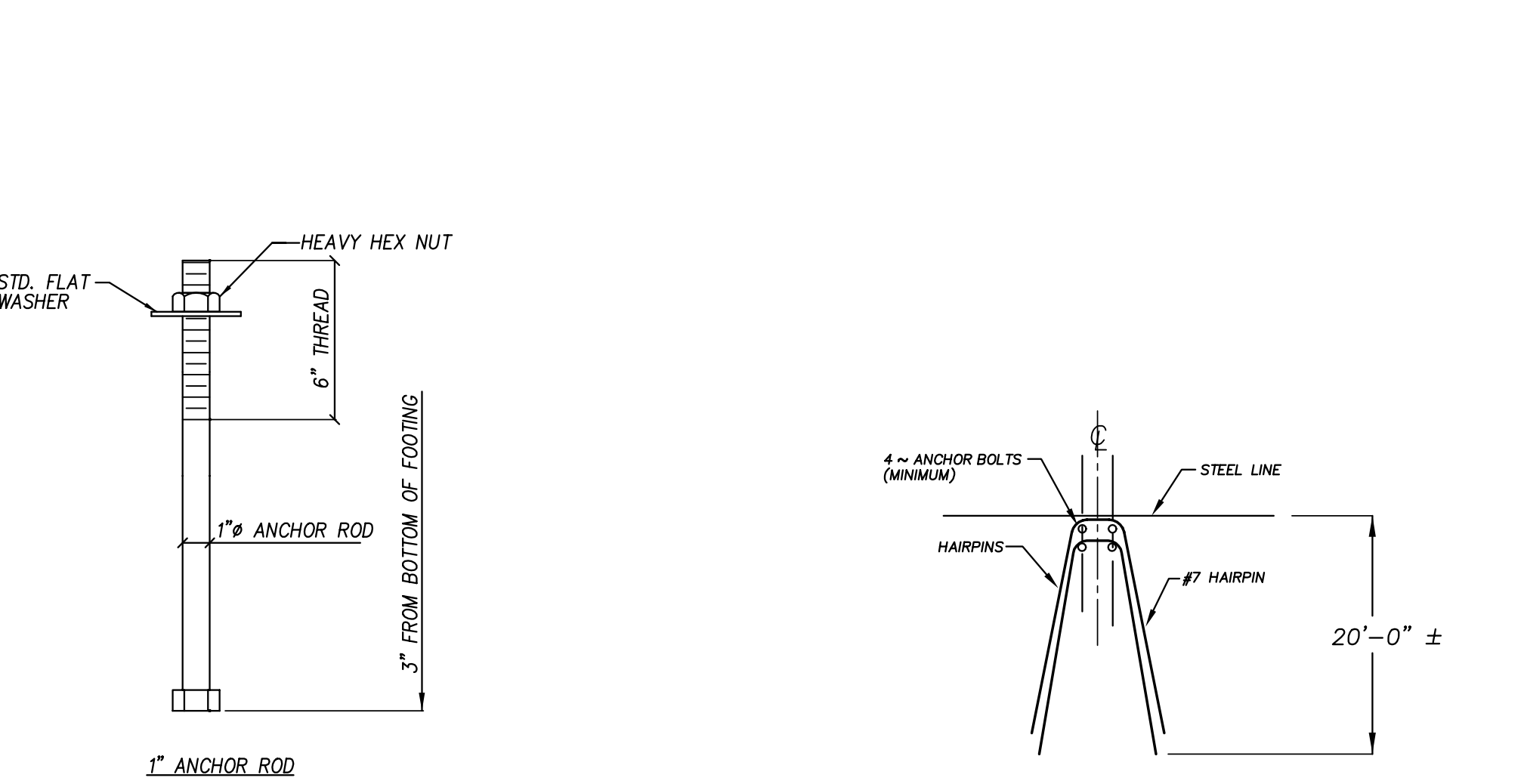
- Helical piles shall be manufactured by a nationally recognized company acceptable to the Engineer of Record.
- Piles shall be installed by an authorized installation contractor who has satisfied the certification requirements relating to the technical aspects of the product and the prescribed installation techniques. Proof of current certification must be provided to the Engineer of Record.
- All work as described herein shall be performed in accordance with all applicable safety codes in effect at the time of installation.
- The helical lead sections and extension sections shall be solid steel, round cornered square shaft or round steel pipe shaft or composite steel and grout shaft configured with one or more helical bearing plates welded to the shaft.
- All piles must be corrosion protected by hot dip galvanization.
- Installation units shall consist of a rotary type torque motor with forward and reverse capabilities. These powered units shall be capable of developing the required installation torque.
- Installation units shall be capable of positioning the helical pier at the proper installation angle. This angle may vary between vertical and five degrees.
- Installation torque shall be monitored throughout the installation process.
- Helical piles shall be installed to the minimum torque value required to provide the load capabilities shown on the plans.
- The appropriate steel new construction load transfer device shall be used. This device shall be positively attached to the rebar cage prior to concrete pour.
- Appropriate helical pier selection will consider design load plus safety factor, soil parameters, and the installation torque vs. capacity equation as per the manufacturer's recommendations.
- Required torque and bearing calculations shall be submitted to the Engineer of Record for approval. No installation shall commence prior to this approval.
- All loads listed are ASD unfactored loads and do not include the required helical pier safety factor. All calculations submitted shall explicitly show the safety factor achieved.
- See project soil report for additional required design information.



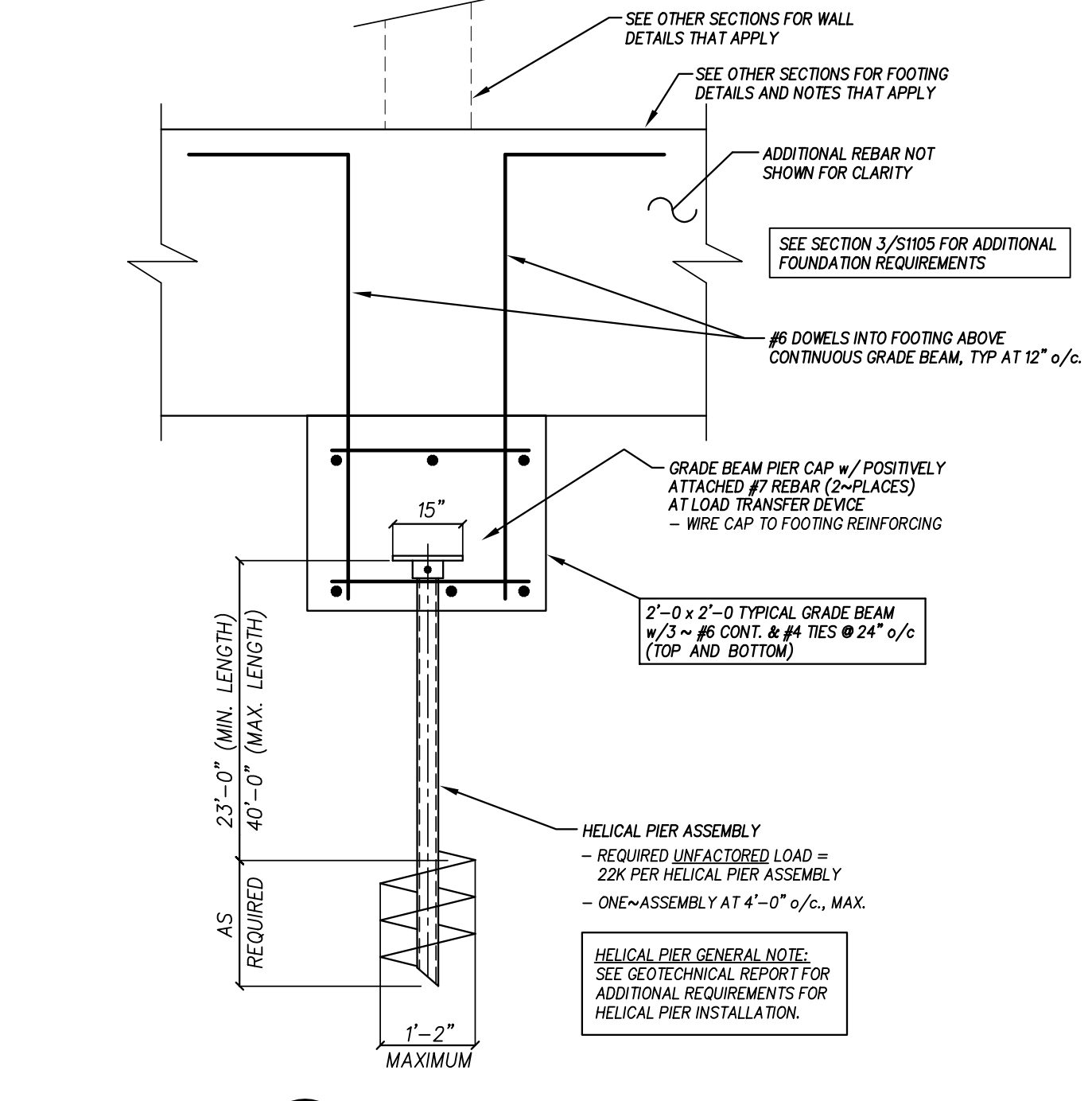
5 TYPICAL SLAB CONSTRUCTION JOINT DETAIL AT 4" SLAB ON GRADE (IF REQUIRED)
NO SCALE



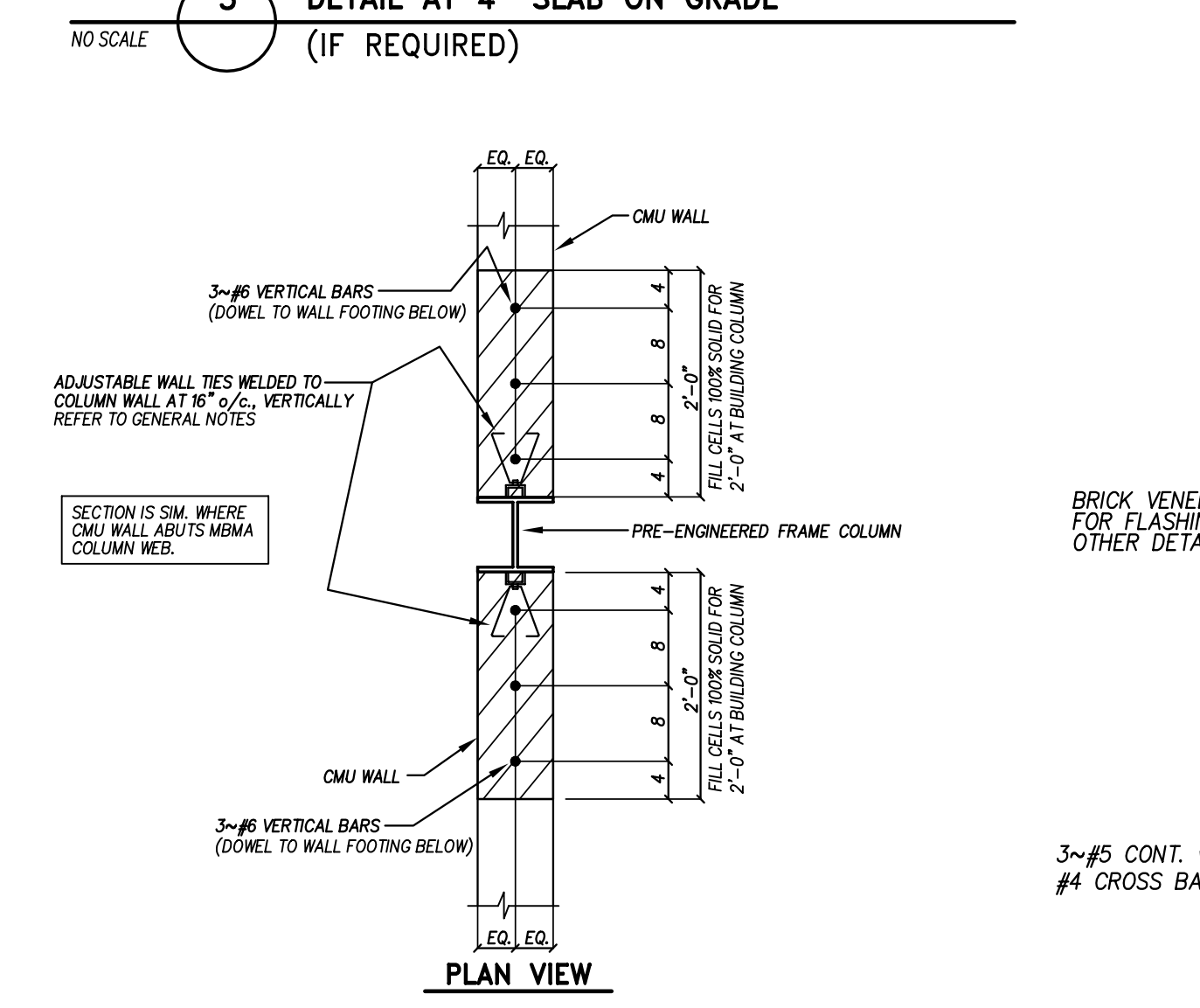
6 MBMA COLUMN FOOTING DETAIL
NO SCALE



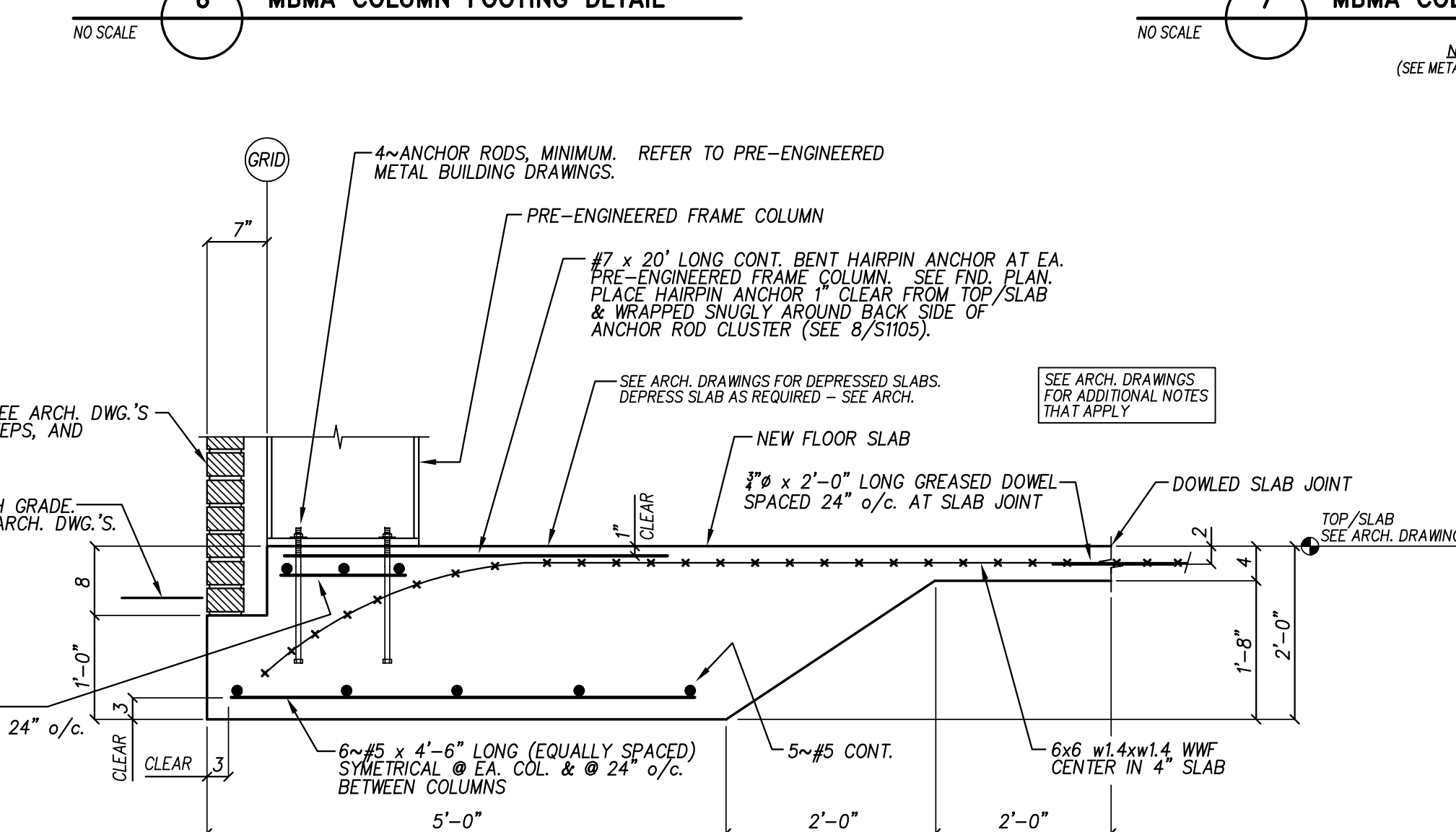
7 MBMA COLUMN ANCHOR ROD DETAILS
NO SCALE
ASTM A36 MATERIAL. NOTE: DIAMETER VARIES (SEE METAL BUILDING MANUFACTURER'S DRAWINGS)



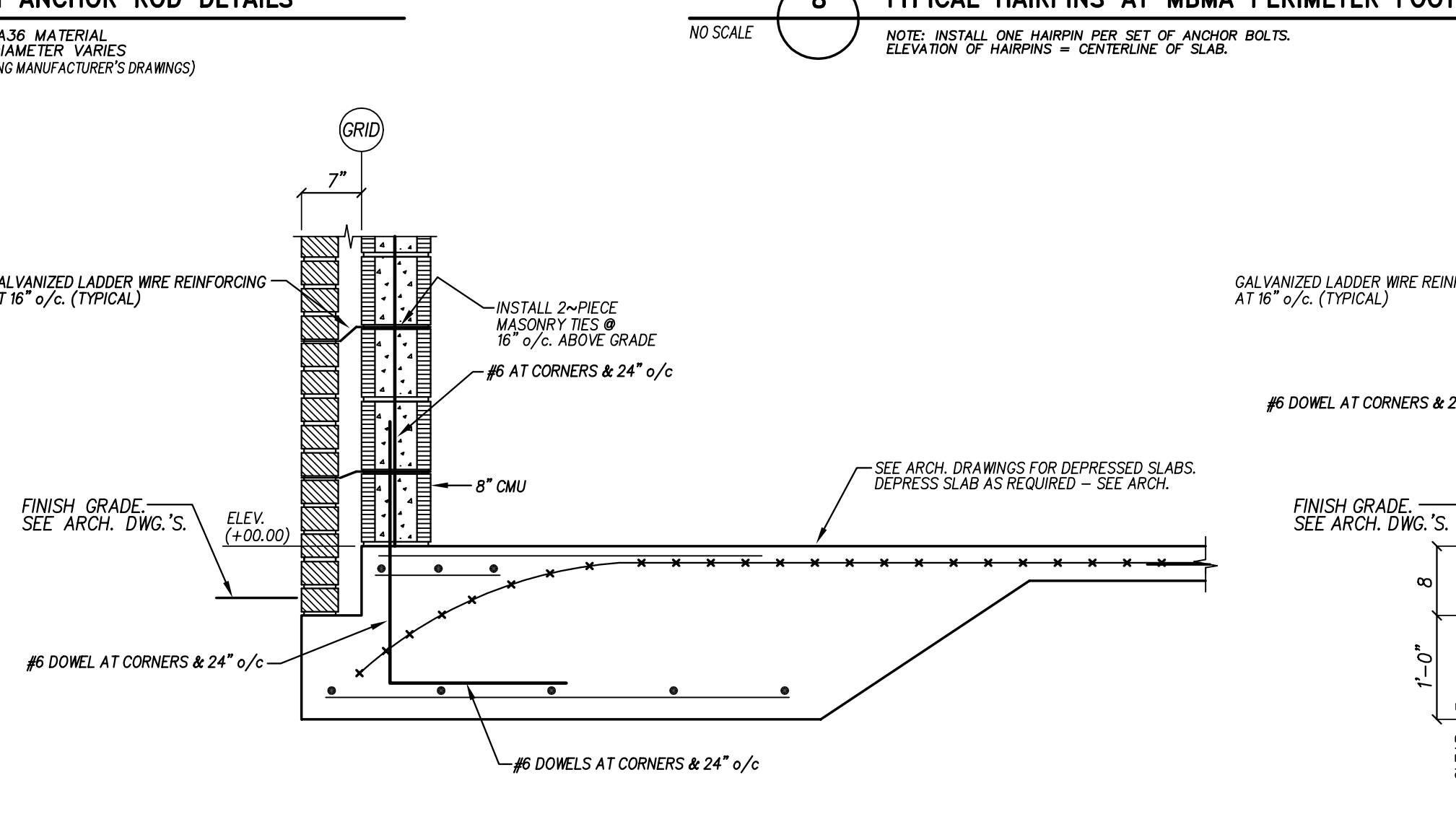
4 HELICAL PIER PILE CAP DETAIL
NO SCALE
- REQUIRED UNFACTORED LOAD = 22K PER HELICAL PIER ASSEMBLY



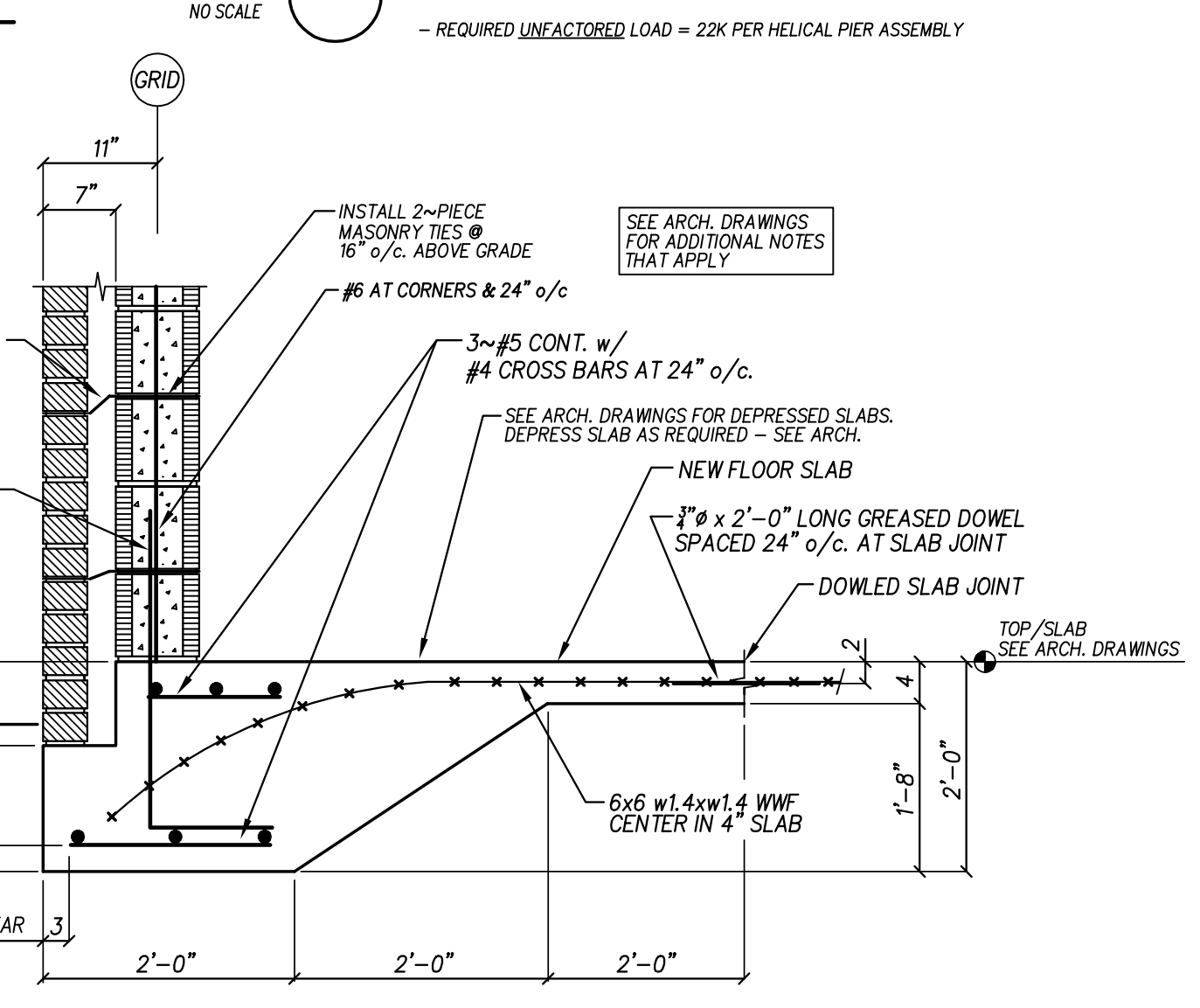
9 TYPICAL MBMA BUILDING COLUMN TO CMU WALL INTERFACE
NO SCALE
1) THIS DETAIL SHALL APPLY AT ALL LOCATIONS WHERE A BUILDING COLUMN DIRECTLY ABUTS A CMU WALL.
2) WALL REINFORCING IS IN ADDITION TO WALL REINFORCING SHOWN ON PLANS AND OTHER DETAILS THAT APPLY.



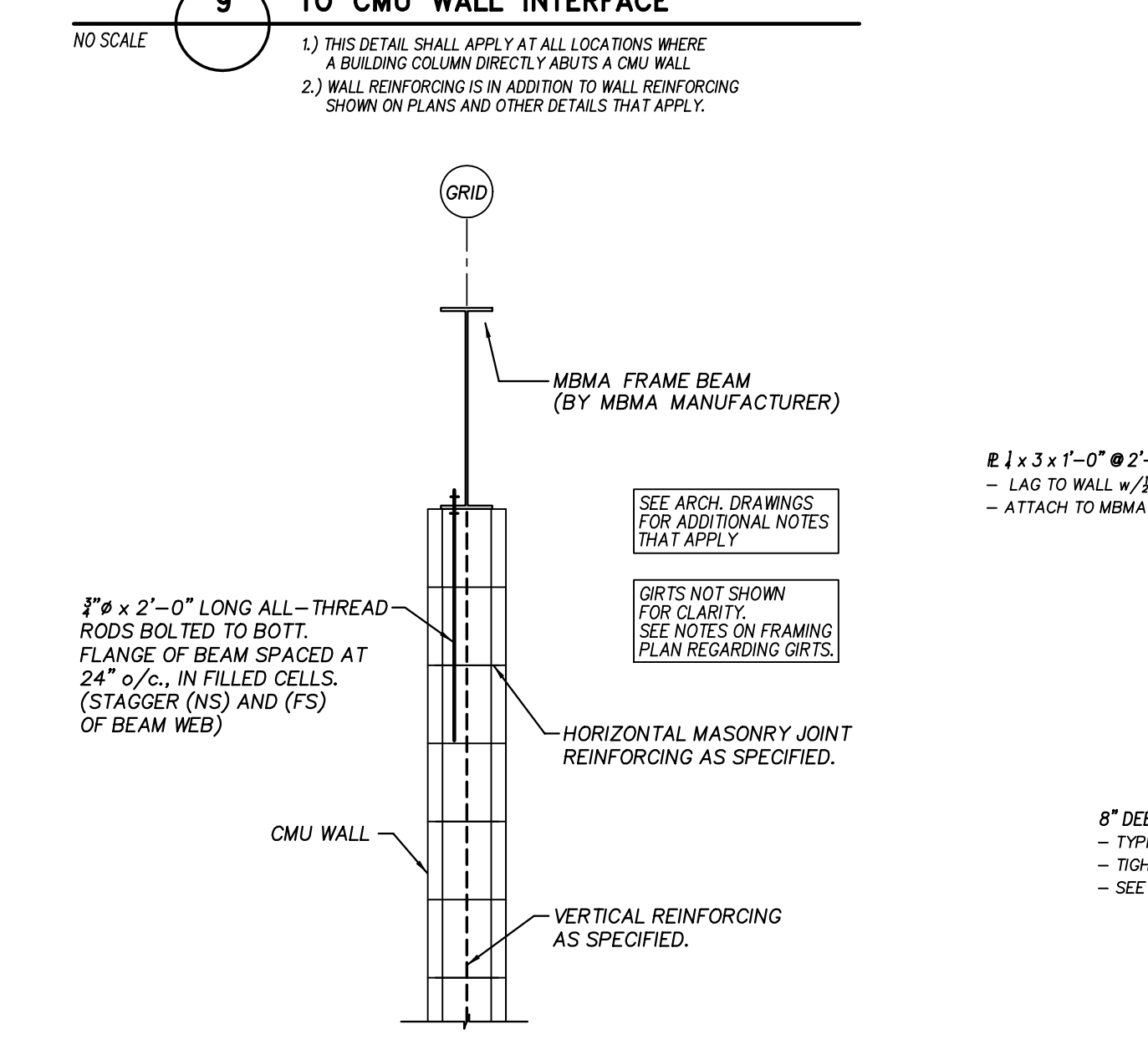
10 MBMA SIDEWALL FOUNDATION DETAIL
NO SCALE



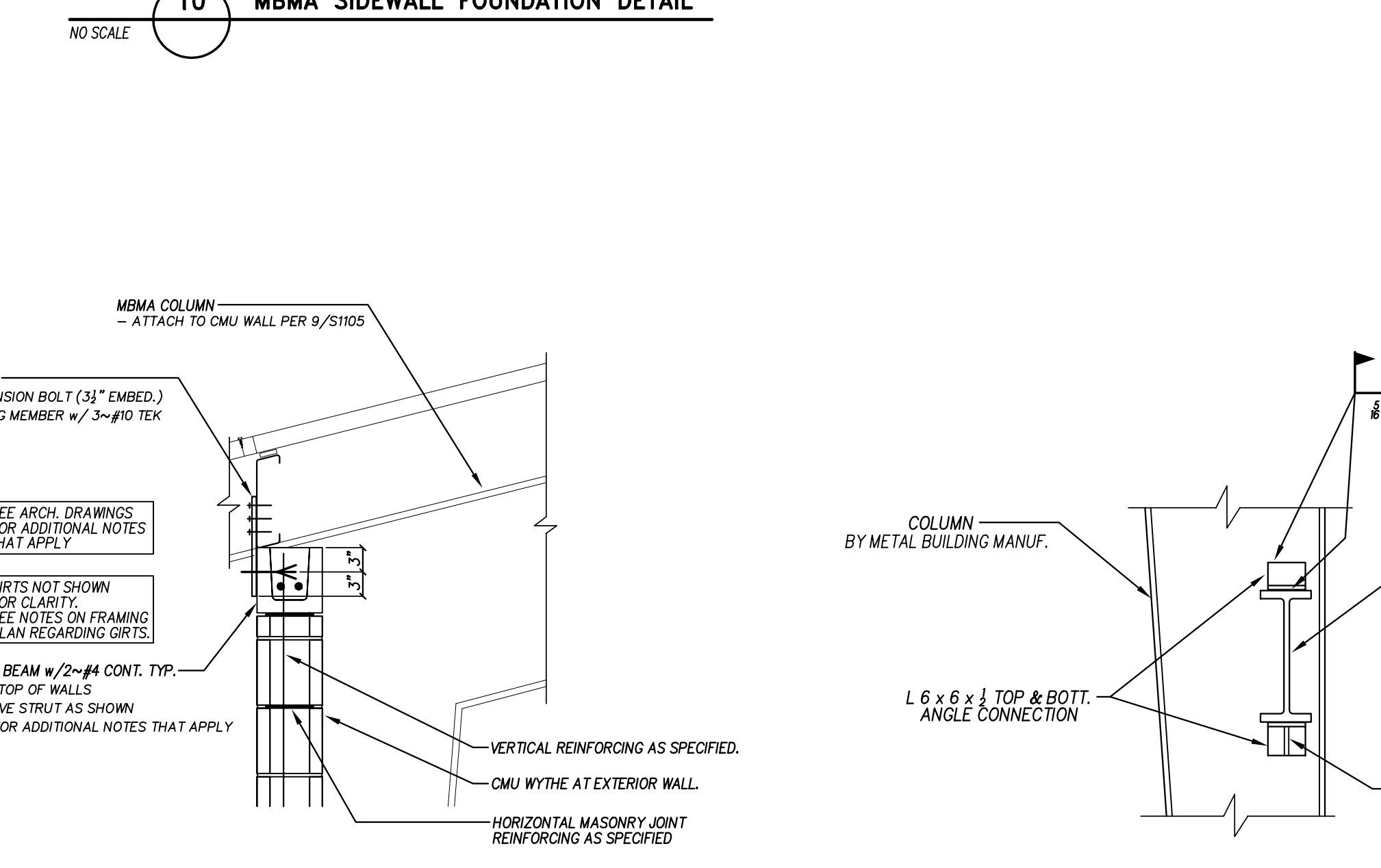
11 SIDEWALL AT CMU
NO SCALE
1) SEE SECTION 10/S1105 FOR ADDITIONAL NOTES THAT APPLY



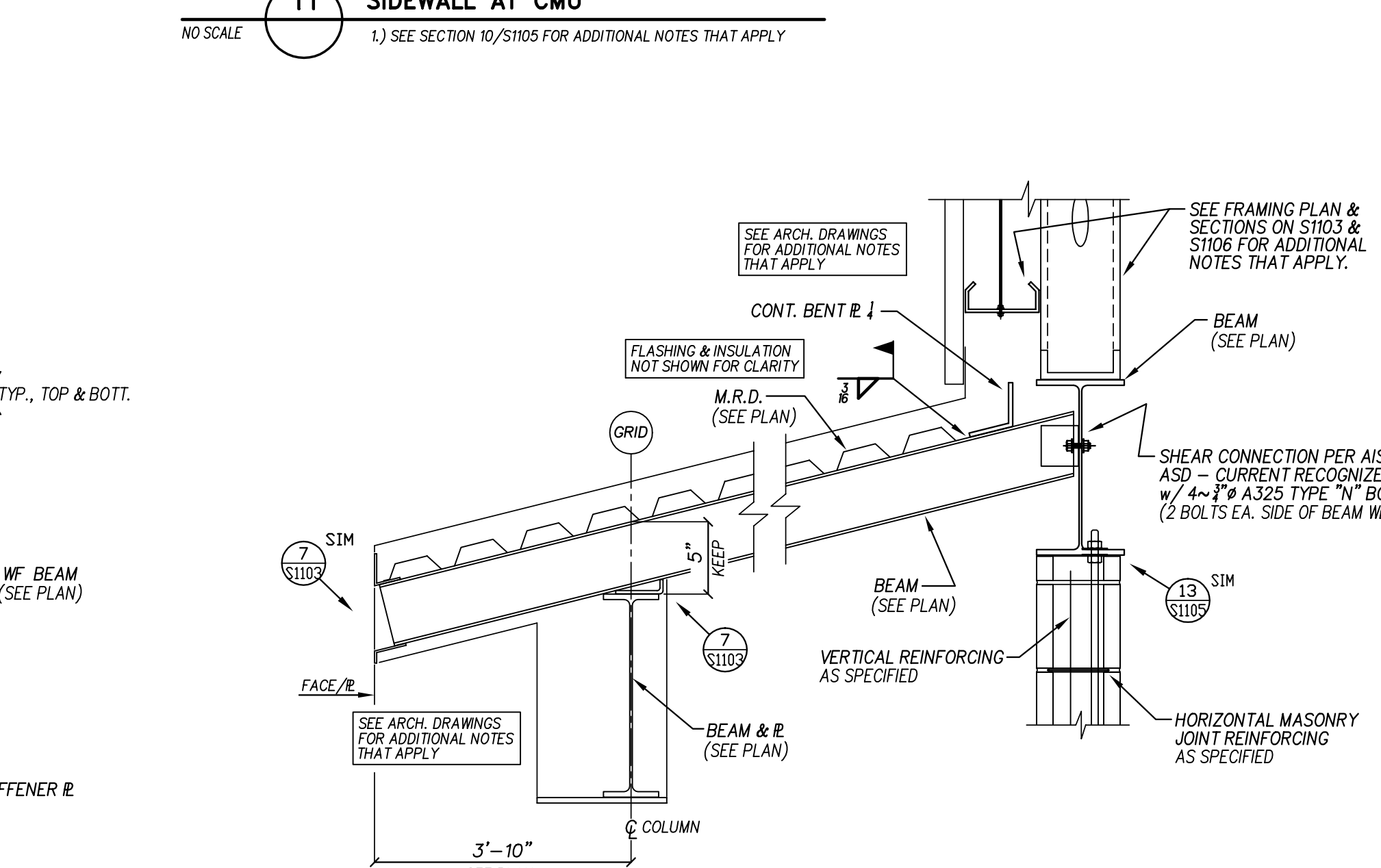
12 MBMA ENDWALL FOUNDATION DETAIL
NO SCALE
1) DOWELS OCCUR AT 24" o/c, AT ALL CORNERS AND AT OPENINGS. GROUT ALL FILLED CELLS SOLID.



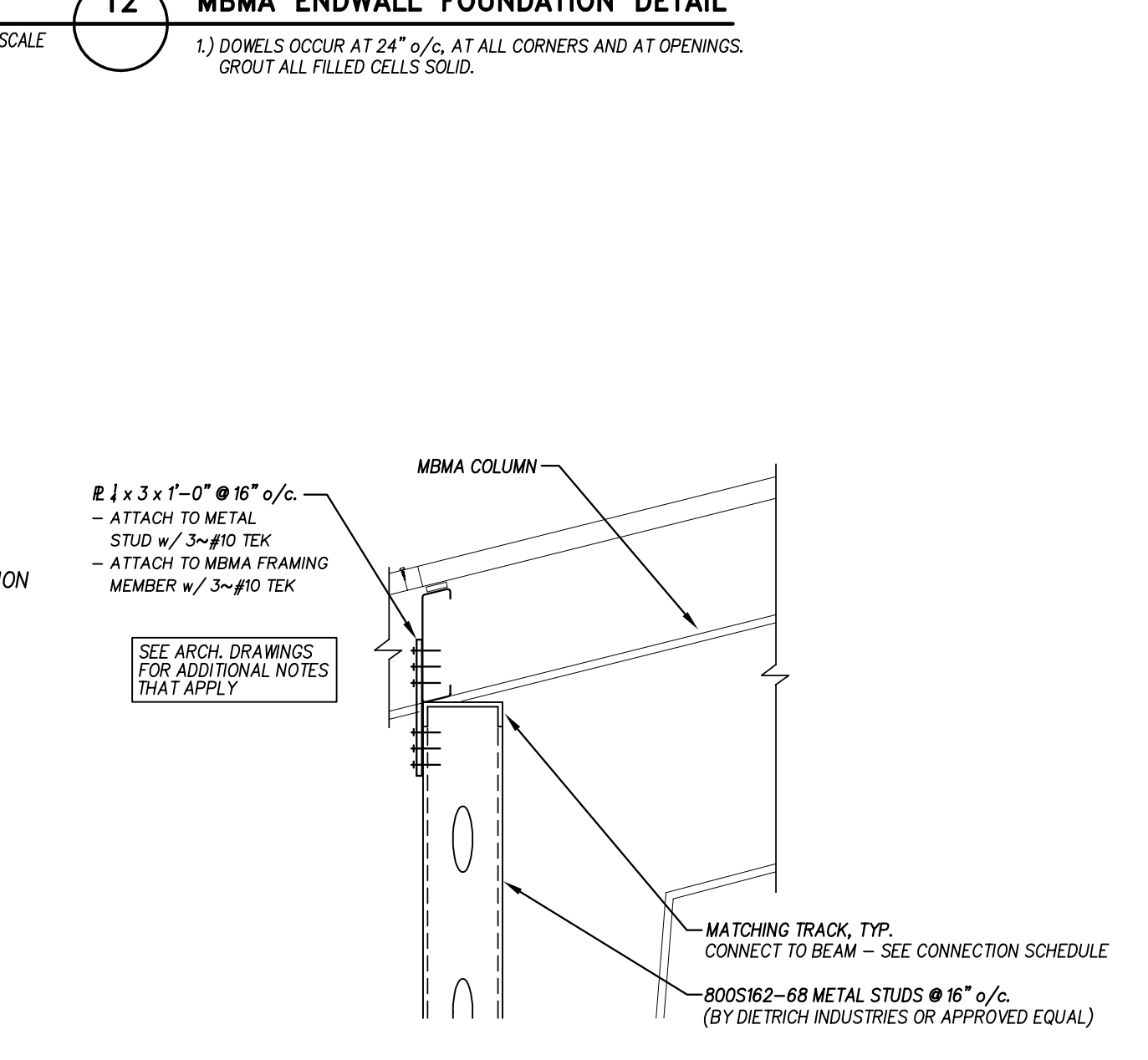
13 CMU WALL CONNECTION TO GABLE ENDWALL MBMA FRAME
NO SCALE



14 TYPICAL CMU WALL CONNECTION TO SIDEWALL MBMA FRAME
NO SCALE



15 CONVENTIONAL CONSTRUCTION BEAM TO MBMA FRAME COLUMN CONNECTION
NO SCALE



17 METAL STUD WALL CONNECTION TO SIDEWALL MBMA FRAME
NO SCALE

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Project No. 22112
Date: 23 OCT 2023
Drawing No. S 1105

West Carteret High School
4700 Country Club Road, Morehead City, NC 28577
Carteret County Schools / North Carolina

23 OCT 2023

