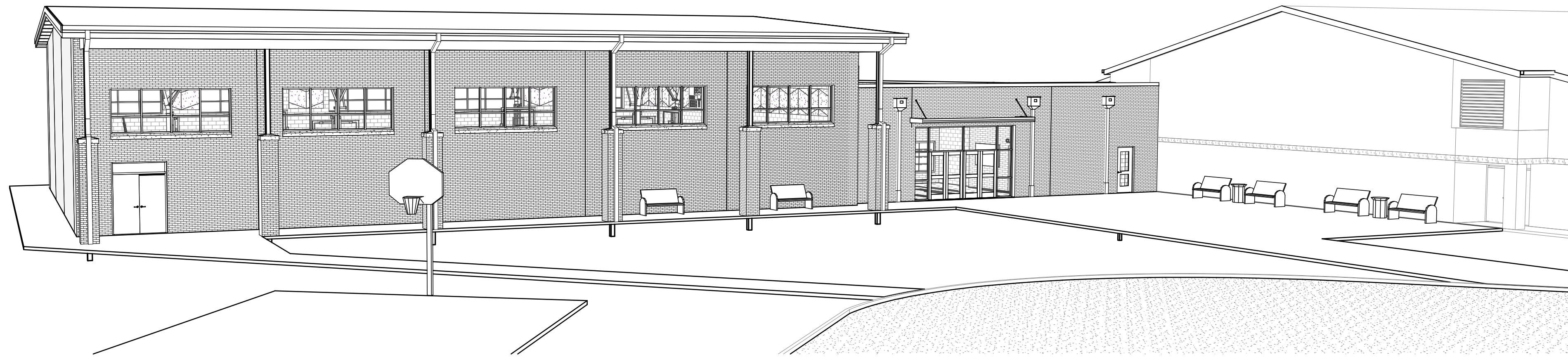


Harnett County Schools

LILLINGTON-SHAWTOWN ELEMENTARY GYMNASIUM ADDITION

855 Old US Highway 421, Lillington NC 27546

RENDERING

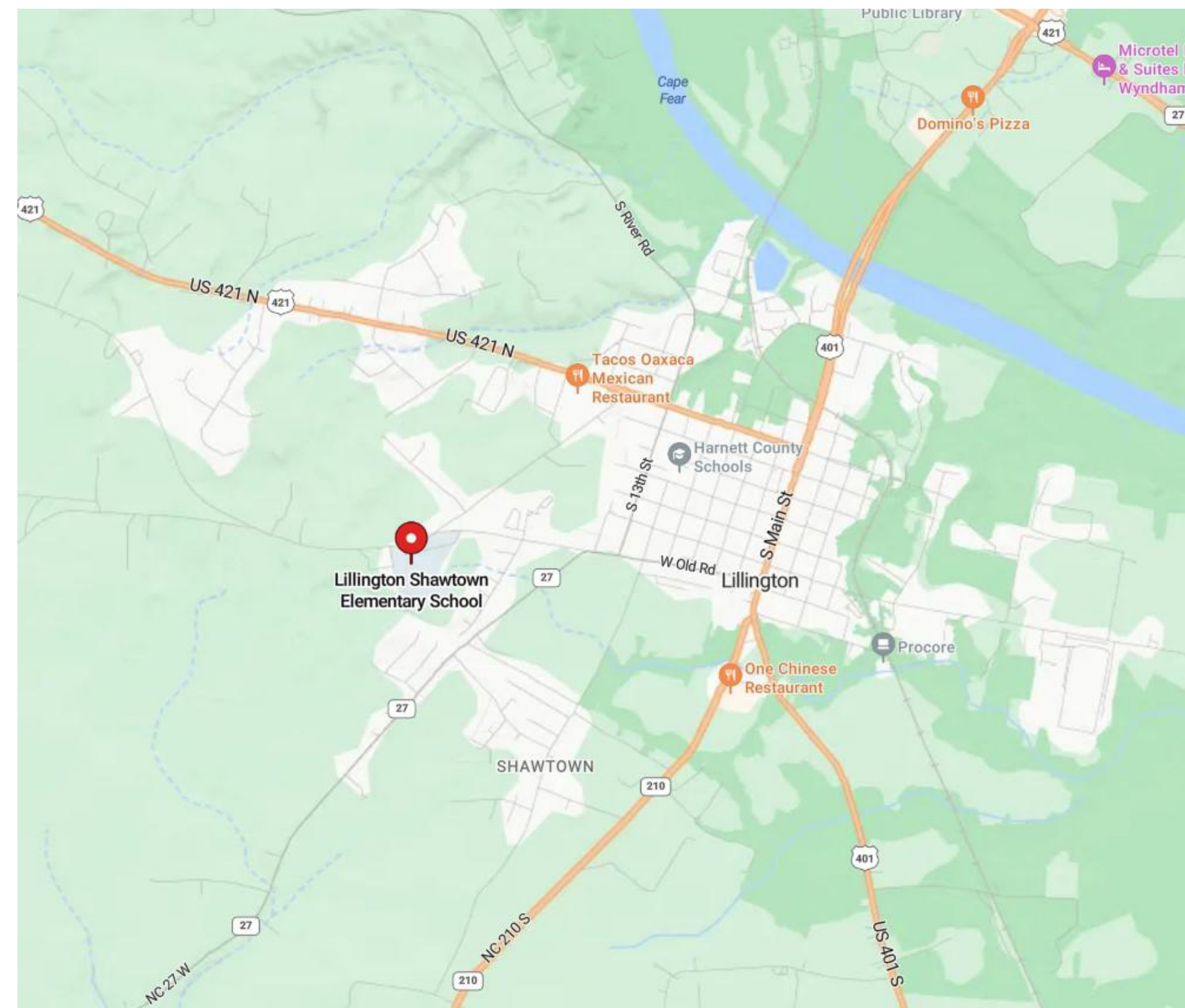


SHEET INDEX

* SHEETS PREFIXED WITH "*" (ASTERISK) REQUIRE COLOR REPRODUCTION FOR PROPER INFORMATION DISPLAY.

SHEET	TITLE
GENERAL	
G000	COVER SHEET
G001	GENERAL NOTES, ABBREVIATIONS & LEGENDS
G002	BUILDING CODE SUMMARY
G111	LIFE SAFETY / OCCUPANCY TABULATION PLANS
CIVIL	
C0.0	COVER SHEET
C0.1	KEY PLAN
C1.0	EXISTING CONDITIONS AND DEMOLITION PLAN
C2.0	PHASE I EROSION CONTROL PLAN
C2.1	PHASE II EROSION CONTROL PLAN
C2.2	PHASE III EROSION CONTROL PLAN
C3.0	SITE PLAN
C3.1	UTILITY PLAN
C3.2	GRADING PLAN
C4.1	STORMWATER MANAGEMENT PLAN
C4.2	UTILITY PROFILE
C5.0	NOTES AND DETAILS
C5.1	NOTES AND DETAILS
C5.2	NOTES AND DETAILS
C5.3	NOTES AND DETAILS
C5.4	NOTES AND DETAILS
STRUCTURAL	
S-001	GENERAL NOTES
S-010	SPECIAL INSPECTIONS
S-030	ROOF LOADING DIAGRAM
S-040	ROOF ATTACHMENT DIAGRAM
S-100	FOUNDATION PLAN
S-101	SLAB PLAN
S-102	ROOF FRAMING PLAN
S-200	FOUNDATION SECTIONS
S-300	TYPICAL CMU WALLS
S-301	ROOF FRAMING DETAILS
S-302	ROOF FRAMING DETAILS
ARCHITECTURAL	
A100	FLOOR PLANS
*A121	IRP
A131	ROOF PLAN
A201	EXTERIOR ELEVATIONS
A301	BUILDING SECTIONS
A311	EXTERIOR WALL SECTIONS
A401	BATHROOM PLAN & INT ELEVATIONS
*A402	GYM & LOBBY INTERIOR ELEVATIONS
A501	DETAILS-INTERIOR & MISC
A502	DETAILS-EXTERIOR
A503	DETAILS-EXTERIOR
A504	DETAILS-SS METAL ROOF
A601	DOOR SCHEDULE / SF ELEVATIONS
*A701	FINISH PLAN - SCHEDULE
*A801	3D VIEWS
FIRE ALARM	
FA-001	FIRE ALARM LEGEND AND NOTES
FA-101	ADDITION FIRE ALARM PLAN
FA-601	FIRE ALARM DETAILS
PLUMBING	
P-001	PLUMBING LEGEND, INDEX AND NOTES
P-002	PLUMBING SCHEDULES
P-101	PLUMBING DRAINAGE PLAN
P-102	ROOF PLUMBING DRAINAGE PLAN
P-201	PLUMBING SUPPLY PLAN
P-202	ROOF PLUMBING SUPPLY PLAN
P-301	PLUMBING GAS PIPING PLAN
P-501	PLUMBING DETAILS
P-502	WASTE & VENT RISER DIAGRAM
P-503	DOMESTIC RISER DIAGRAM
P-504	NATURAL GAS RISER DIAGRAM
MECHANICAL	
M-001	MECHANICAL LEGEND AND NOTES
M-002	MECHANICAL SCHEDULES
M-101	MECHANICAL PLAN
M-102	ROOF MECHANICAL PLAN
M-501	MECHANICAL DETAILS
M-601	MECHANICAL CONTROL DIAGRAMS
ELECTRICAL	
E-001	ELECTRICAL LEGEND AND NOTES
E-002	ELECTRICAL SPECIFICATIONS
E-010	OVERALL ELECTRICAL PLAN
E-101	ADDITION LIGHTING PLAN
E-201	ADDITION POWER PLAN
E-301	ROOF EQUIPMENT CONNECTION PLANS
E-401	SPECIAL SYSTEMS PLAN
E-601	ELECTRICAL DETAILS
E-602	ELECTRICAL DETAILS
E-603	ELECTRICAL DETAILS
E-701	ELECTRICAL DIAGRAMS & PANEL SCHEDULES
E-801	LIGHTING FIXTURE SCHEDULE
Grand total: 78	

VICINITY MAP



...Becoming the
Leading Designer of
High Performance Facilities
in the Nation with a
Specialty in Alternative
Delivery Methods

333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.6350
F: 919.573.6355
www.sfla.biz

sfl+a

ARCHITECTS

CONSULTANTS

CIVIL ENGINEER:
TIMMONS GROUP
5410 TRINITY ROAD, SUITE 102
RALEIGH, NC 27607
PHONE: 919-866-4938

STRUCTURAL ENGINEER:
BENNETT & PLESS
5430 WADE PARK BLVD, SUITE 400
RALEIGH, NC 27607
PHONE: 919-832-5587

**PLUMBING / MECHANICAL /
ELECTRICAL / FIRE
PROTECTION ENGINEER:**
OPTIMA ENGINEERING
150 FAYETTEVILLE STREET, SUITE 520
RALEIGH, NC 27601
PHONE: 919-926-2200

SET NUMBER:
07-26-24

CONSTRUCTION DOCUMENTS

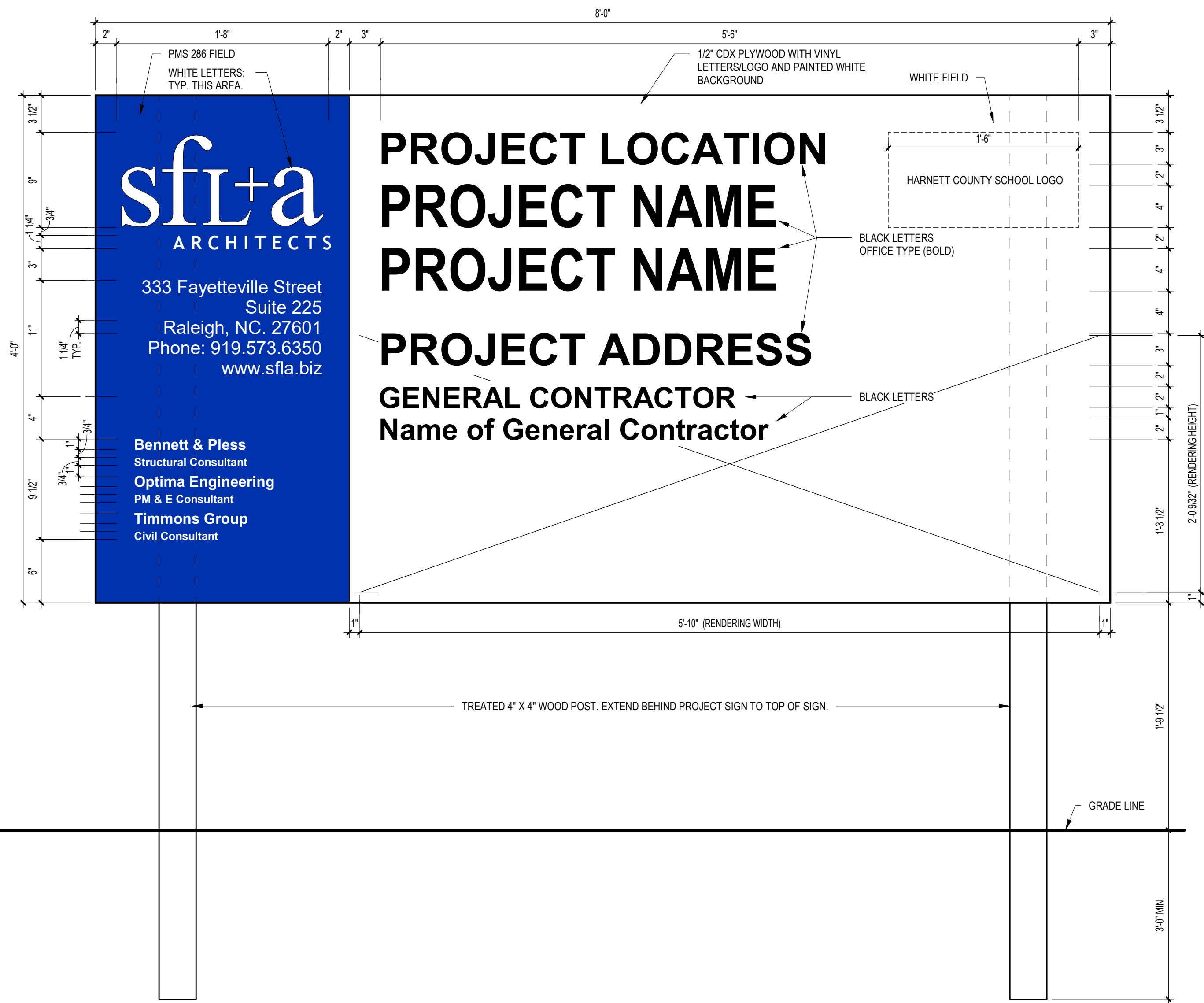
Harnett County Schools
**LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION**
855 Old US Highway 421, Lillington NC 27546

©2024 Sfl+a Architects, PA
All Rights Reserved

PROJECT NUMBER:
02110.300

PROJECT NUMBER:
02110.300

PROJECT SIGN



ABBREVIATIONS

AC	AIR CONDITIONING	EST	ESTIMATE	MAX	MAXIMUM	SC	SOLID CORE
AB	ANCHOR BOLT	EW	ELECTRIC WATER COOLER	MB	MARKER BOARD	SCH	SCHEDULE
AD	AREA DRAIN	EX	EXISTING	MC	MECHANICAL CONTRACTOR	SD	STORM DRAIN
ADJ	ADJUSTABLE	EXP	EXPANSION	MECH	MECHANICAL	SEC	SECTION
AFF	ABOVE FINISHED FLOOR	EXT	EXTERIOR	MED	MEDIUM	SF	STOREFRONT
ALT	ALTERNATE	FA	FIRE ALARM	MFR	MANUFACTURE (R)	SM	SIMILAR
ALUM	ALUMINUM	FB	FACE BRICK	MIN	MINIMUM	SND	SANITARY NAPKIN DISPOSAL
AMP	AMPERES	FD	FLOOR DRAIN	MIR	MIRROR	SNV	SANITARY NAPKIN VENDOR
APPROX	APPROXIMATE	FIS	FIRE EXTINGUISHER	MISC	MISCELLANEOUS	SP	SOUNDPROOF
ARCH	ARCHITECT (URAL)	FON	FOUNDATION	MH	MANHOLE	SQR	SPEAKER
AUTO	AUTOMATIC	FE	FIRE EXTINGUISHER	MEMB	MEMBRANE	SQ	SQUARE
BB	BULLETIN BOARD	FC	FIRE EXTINGUISHER CABINET	MO	MOISTURE RESISTANT	SS	STAINLESS STEEL
BBRG	BEAM BEARING	FFE	FINISH FLOOR ELEVATION	MR	MOISTURE RESISTANT	STC	SOUND TRANSMISSION CLASS
BD	BOARD	FHC	FIRE HOSE CABINET	MUL	MULLION	STD	STANDARD
BFF	BELOW FINISHED FLOOR	FIN	FINISH (ED)	MTL	METAL	STR	STRUCTURAL
BIT	BITUMINOUS	FLR	FLOOR (ING)	N	NORTH	SUS	SUSPENDED
BLDG	BUILDING	FLUOR	FLUORESCENT	NA	NOT APPLICABLE	SYM	SYMMETRICAL
BLK	BLOCK (ING)	FLEX	FLEXIBLE	NC	NOT IN CONTRACT	SYS	SYSTEM
BM	BENCH MARK	FOB	FACE OF BRICK	NOM	NOMINAL	T	TREAD
BOD	BOTTOM OF DECK	FOGB	FACE OF GYPSUM BOARD	NRC	NOISE REDUCTION COEFFICIENT	T&G	TONGUE AND GROOVE
BTM	BOTTOM	FR	FRAME (D)	NTS	NOT TO SCALE	TB	TACK BOARD
BPL	BEARING PLATE	FRMS	FRAMING	OA	OVERALL	TEL	TELEPHONE
BRG	BEARING	FRT	FIRE-RETARDANT	OC	ON CENTER	TO	TEMPERED GLASS
BSMT	BASEMENT	FT	FOOT / FEET	OD	OUTSIDE DIAMETER	THR	THRESHOLD
BTW	BETWEEN	FTG	FOOTING	OH	OVERHEAD	TP	TOILET PARTITION
BUR	BUILT-UP ROOFING	FUR	FURRED (ING)	OPG	OPENING	TOP	TOP OF BEAM
CB	CATCH BASIN	GA	GAGE, GAUGE	OPP	OPPOSITE	TOP	TOP OF FOOTING
CAB	CABINET	GALV	GALVANIZED	OPPH	OPPOSITE HAND	TOM	TOP OF MASONRY
CEM	CEMENT	GB	GRAB BAR	OS	OVERFLOW SCUPPER	TOS	TOP OF STEEL
CER	CERAMIC	GBL	GLASS BLOCK	PAR	PARALLEL	TOW	TOP OF WALL
CF	CUBIC FOOT	GC	GENERAL CONTRACT (OR)	PBD	PARTICLE BOARD	TS	TACK STRIP
CI	CAST IRON	GCMU	GLAZED CONC. MASONRY UNIT	PC	PLUMBING CONTRACTOR	TTD	TOILET TISSUE DISPENSER
CIP	CAST-IN-PLACE	GFC	GROUND FAULT	PCF	POUNDS PER CUBIC FOOT	TYP	TYPICAL
CJ	CONTROL JOINT	GFR	GLASS FIBER RE. CONC.	PCT	PORCELAIN CERAMIC TILE	UL	UNDERWRITER'S LABORATORY
CL	CENTERLINE	GL	GLASS, GLAZING	PERF	PERFORATED	UNO	UNLESS NOTED OTHERWISE
CLG	CLOSET	GP	GALVANIZED PIPE	PERM	PERMETER	UR	UTILITY SHELF
CLOS	CLOSET	GYP	GYPSUM	PG	PLATE GLASS	US	UNIT
CLR	CLEAR (ANCE)	GWB	GYPSUM WALL BOARD	PLAM	PLASTIC LAMINATE	V	VOLT
CMP	COMPOSITE METAL PANEL	HB	HOSE BIBB	PLAS	PLASTER	VCT	VINYL COMPOSITION TILE
CMT	CERAMIC MOSAIC (TILE)	HCC	HOLLOW CORE	PLF	POUNDS PER LINEAL FOOT	VERT	VERTICAL
CMU	CONCRETE MASONRY UNIT	HD	HEAVY DUTY	PT	PRESSURE TREATED	VEN	VENEER
COL	COLUMN	HDR	HEADER	PRV	POWER ROOF VENT	VFN	VENEER
CONC	CONCRETE	HDR	HEADER	PSF	POUNDS PER SQUARE FOOT	VIF	VERIFY IN FIELD
CONSTR	CONSTRUCTION	HM	HOLLOW METAL	PSI	POUNDS PER SQUARE INCH	VR	VAPOR RETARDER
CONTR	CONTRACT (OR)	HOR	HORIZONTAL	PTD	PAPER TOWEL DISPENSER	VTR	VENT THROUGH ROOF
CORR	CORRIDOR	HJ	HORIZONTAL JOINT REINFORCEMENT	PTN	PARTITION	VWC	VINYL WALL COVERING
CPT	CARPET (ED)	HT	HEIGHT	PVC	POLYVINYL CHLORIDE	W	WEST
CSMT	CASEMENT	HTG	HEATING	PWD	PLYWOOD	WB	WOOD BASE
CT	CERAMIC TILE	HWD	HARDWOOD	QT	QUARRY TILE	WC	WATER CLOSING
CTR	CENTER	HWH	HOT WATER HEATER	R	RISER	WD	WOOD
CY	CUBIC YARD	HVAC	HEATING / VENTILATING / A/C	RA	RETURN AIR	WG	WIRE GLASS
DEMO	DEMOLISH, DEMOLITION	ID	INSIDE DIAMETER	RAD	RADIUS	WI	WROUGHT IRON
DET	DETAIL	IN	INCH	RB	RUBBER BASE	WM	WIRE MESH
DF	DRINKING FOUNTAIN	INCL	INCLUDE (D), (ING)	RT	RUBBER TILE	W/O	WITHOUT
DH	DOUBLE HUNG	INT	INTERIOR	RCP	REINFORCED CONCRETE PIPE	WP	WATERPROOFING
DIAM	DIAMETER	INT	INTERIOR	RD	ROOF DRAIN	WT	WEIGHT
DIM	DIMENSION	INB	INTERACTIVE WHITE BOARD	REIN	REINFORCE (D), (ING)	WWF	WELDED WIRE FABRIC
DISP	DISPENSER	JAN	JANITOR	REFR	REFRIGERATOR		
DIV	DIVISION	JC	JANITOR'S CLOSET	REG	REGISTER		
DL	DEAD LOAD	JT	JOINT	REQ	REQUIRED		
DM	DECORATIVE MASONRY	JST	JOIST	RET	RETURN		
DPR	DAMPER	KD	KNOCK DOWN	REV	REVISION (S), REVISED		
DR	DOOR	KIT	KITCHEN	RH	RIGHT HAND		
DS	DOWNSPOUT	KPL	KICK PLATE	RM	ROOM		
DT	DRAIN TILE	L	LENGTH	RO	ROUGH OPENING		
DWG	DRAWING	LAB	LABORATORY	S	SOUTH		
E	EAST	LAD	LADDER	SAP	SUSPENDED ACOUSTICAL PANELS		
EA	EACH	LAV	LAVATORY	SB	SPLASH BLOCK		
EQ	ELECTRICAL CONTRACTOR	LB	LAG BOLT				
EJ	EXPANSION JOINT	LBS	POUND (S)				
ELEC	ELECTRIC	LT	LIGHT				
ELEV	ELEVATION	LW	LIGHTWEIGHT				
EMER	EMERGENCY	LWC	LIGHTWEIGHT CONCRETE				
ENCL	ENCLOSE (URE)	LVL	LAMINATED VENEER LUMBER				
ENG	ENGINEER (ING)	MAS	MASONRY				
EOD	EMERGENCY OVERFLOW DRAIN	MAT	MATERIAL (S)				
EP	ELECTRIC PANEL						
EQ	EQUAL						
EQP	EQUIPMENT						

GENERAL NOTES

1. WALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF METAL STUD, FACE OF STEEL OR CENTERLINE & STEEL COLUMN, UNLESS OTHERWISE NOTED. DETERMINE LOCATION OF WALLS NOT DIMENSIONED BY THEIR RELATION TO ADJACENT DIMENSIONED WALLS AND COLUMNS.
2. ALL EXTERIOR SIDEWALKS SHALL SLOPE AWAY FROM THE BUILDING AT 1/4" PER FOOT.
3. MAINTAIN INTEGRITY OF ACOUSTIC WALLS AND CEILING AT ALL WALL PENETRATIONS AND EQUIPMENT RECESSES.
4. ALL CERAMIC TILE TO HAVE CONTROL JOINTS THAT ALIGN WITH CONTROL JOINTS IN CONCRETE SLAB.
5. THERE SHALL BE NO PENETRATIONS IN THROUGH-WALL FLASHING.
6. DOOR JAMB FROM INTERSECTING WALLS: STUD - 6" TYPICAL UNO, CMU - 4" TYPICAL UNO.
7. CONTRACTOR SHALL AVOID THE USE OF DISSIMILAR METALS IN CONTACT WITH ONE ANOTHER AS MUCH AS POSSIBLE AND SHALL PROVIDE FELTS, BOND BREAKERS, TAPE, OR OTHER APPLICABLE MATERIAL SEPARATION WHERE SUCH CONTACT IS UNAVOIDABLE.

...Becoming the
Leading Designer of
High Performance Facilities
in the Nation with a
Specialty in Alternative
Delivery Methods

333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.6350
F: 919.573.6355
www.sfla.biz

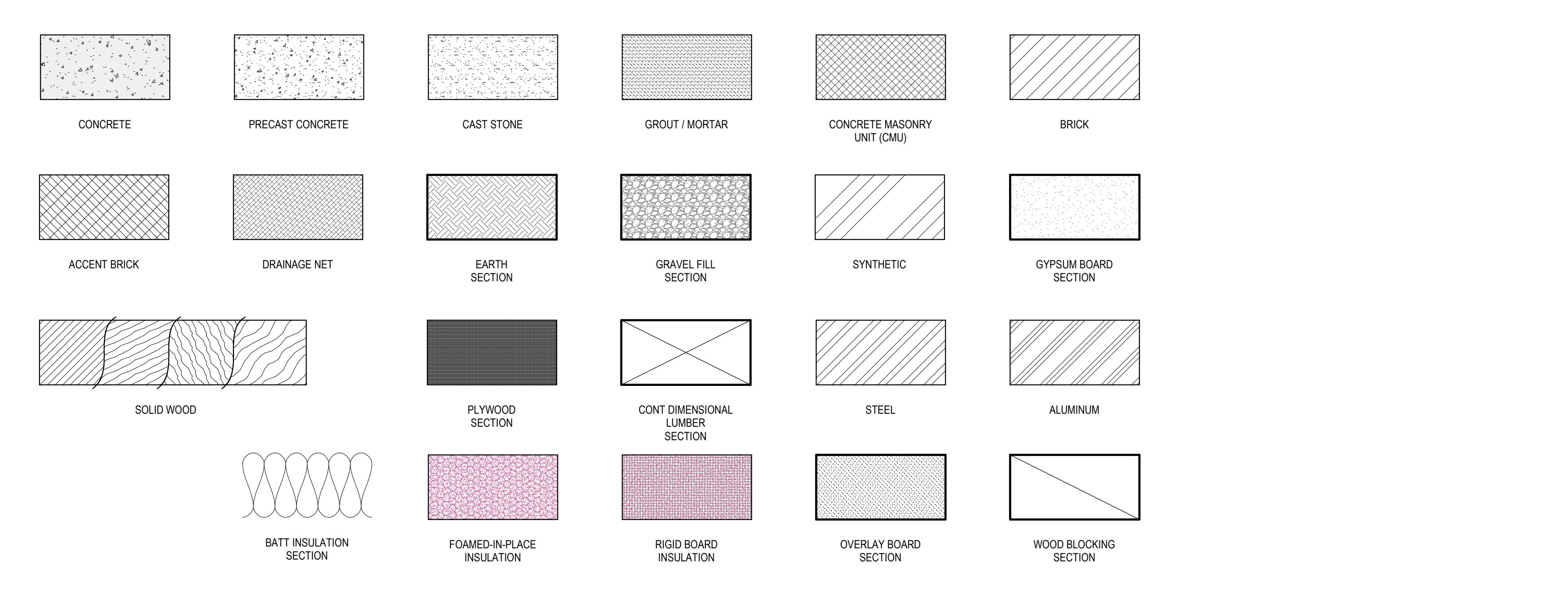
sfl+a
ARCHITECTS

CERT. NO. 9078
SOUTH CAROLINA
REGISTERED ARCHITECT

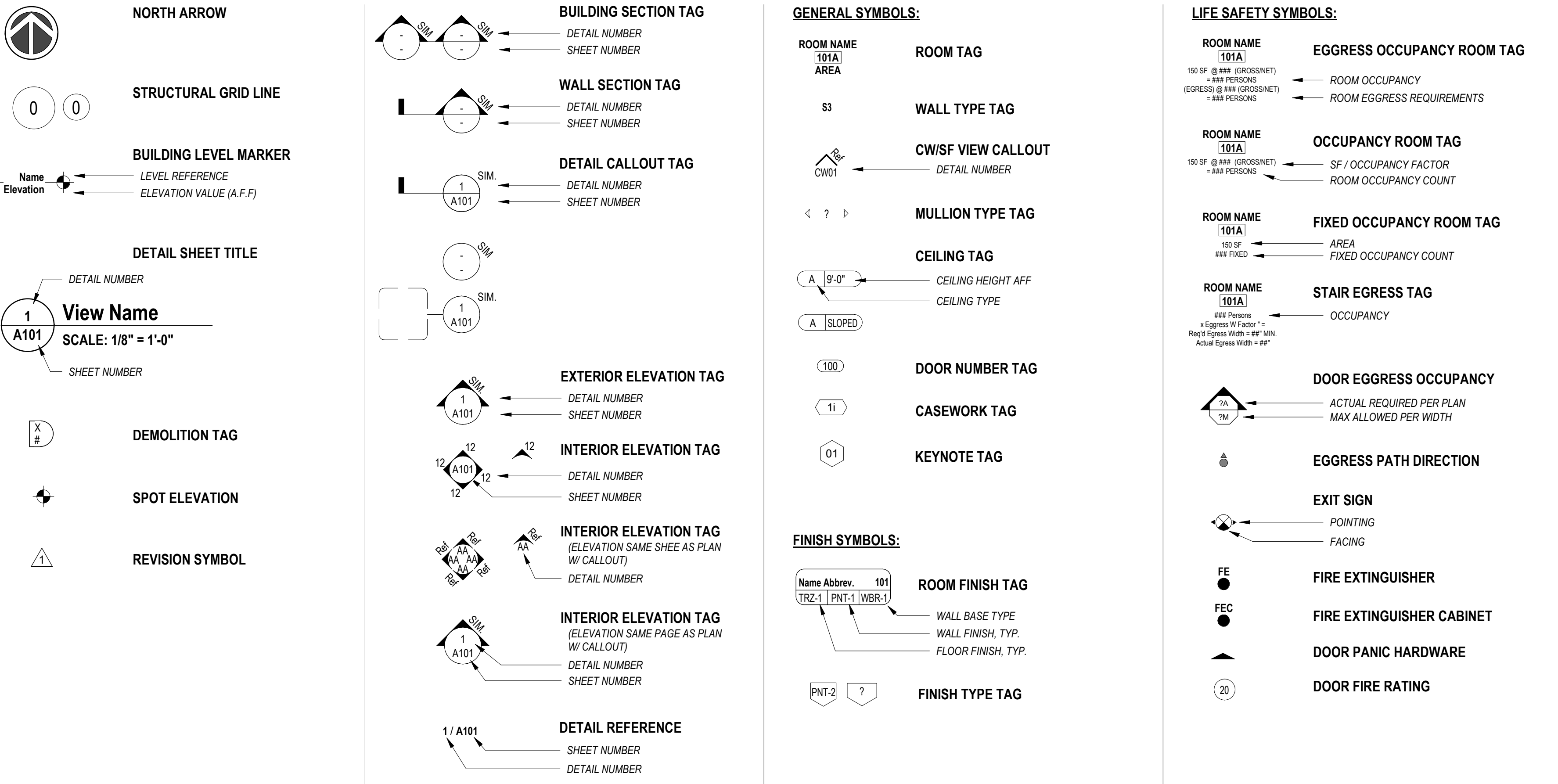
PROFESSIONAL SEAL
REGISTERED ARCHITECT
SOUTH CAROLINA
NO. 8476
R. W. PERRY
RALEIGH, N.C.

CONSTRUCTION DOCUMENTS

DETAIL HATCH LEGEND



KEY SYMBOLS LEGEND



Harnett County Schools

LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION

855 Old US Highway 421, Lillington NC 27546

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 07-26-24

PROJECT #: 02110.300

DRAWN BY: JK

CHECKED BY: Checker

© 2024 sfl+a Architects, PA
All Rights Reserved

GENERAL NOTES, ABBREVIATIONS & LEGENDS

7/28/2024 7:36:43 AM Autodesk Docs://02110.300_Lillington-Shawtown ES/02110.300_Lillington-Shawtown ES Addition_Arch_023.rvt

7/28/2024 7:36:49 AM Autodesk Docs://02110.300_Lillington-Shawtown ES/02110.300_Lillington-Shawtown ES Addition_Arch_023.rvt

E

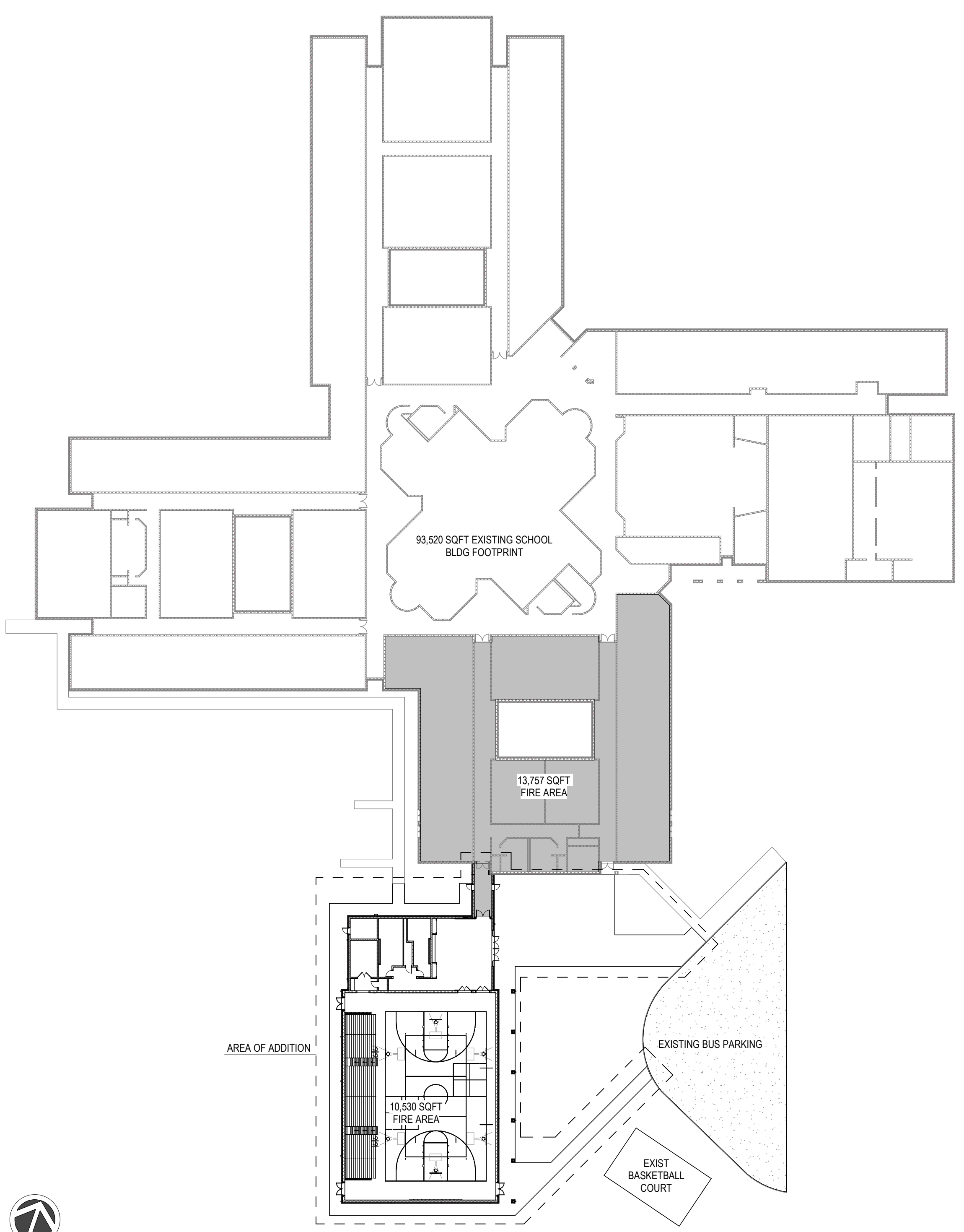
D

C

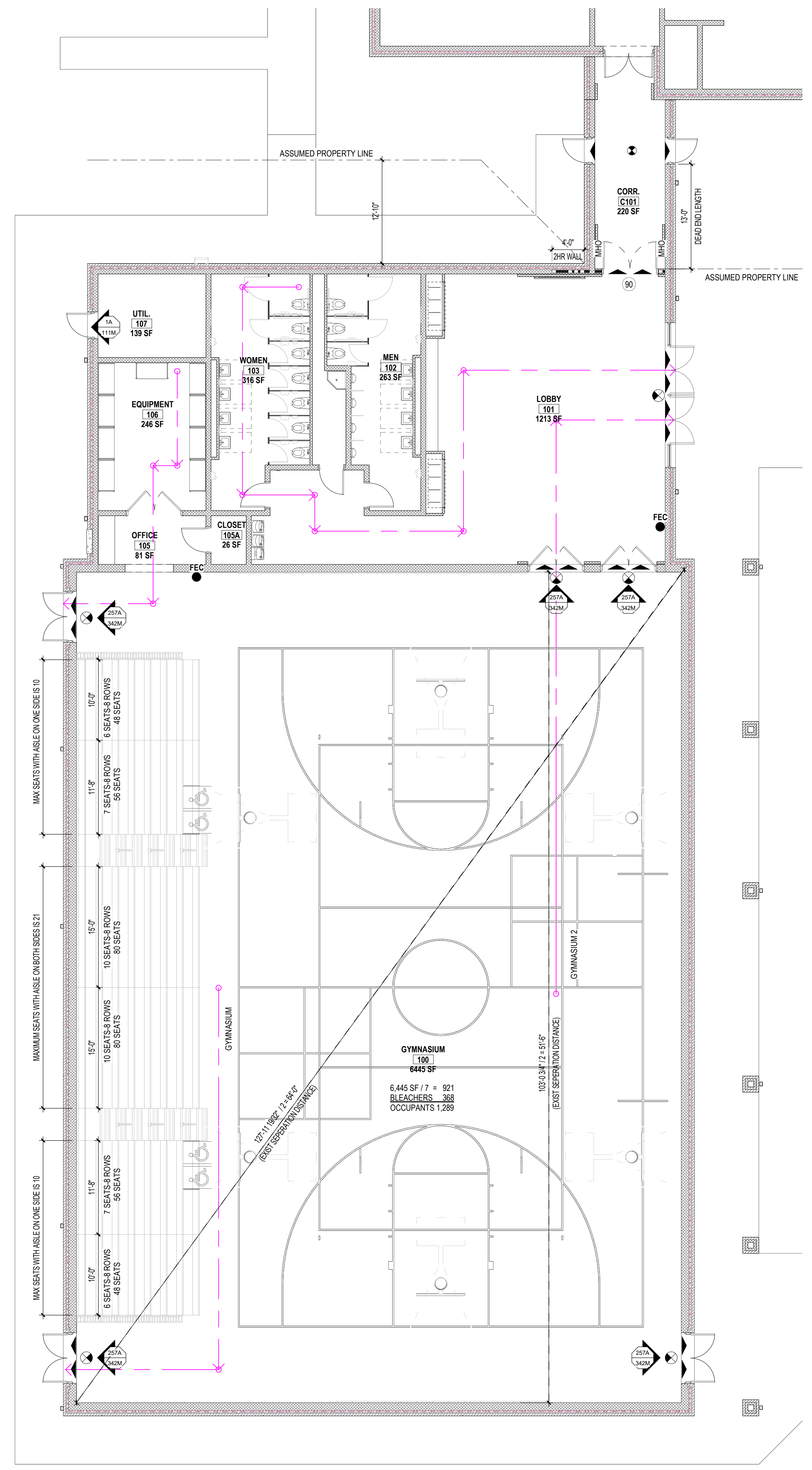
B

A

5
4
3
2
1



2 OVERALL BUILDING PLAN
 G111 SCALE: 1" = 40'-0"



1 LIFE SAFETY PLAN
 G111 SCALE: 1/8" = 1'-0"

LIFE SAFETY LEGEND

SYMBOL	DESCRIPTION
[Symbol]	1 HR FIRE RATED
[Symbol]	2 HR FIRE RATED
[Symbol]	DOOR FIRE RATING IN MINUTES
[Symbol]	EGRESS DOOR
[Symbol]	EGRESS DOOR WITH PANIC HARDWARE
[Symbol]	ACTUAL NUMBER OF OCCUPANTS EGRESSING THROUGH EXIT. MAXIMUM NUMBER OF OCCUPANTS ALLOWED THROUGH EXIT.
[Symbol]	FIRE EXTINGUISHER
[Symbol]	EXIT SIGN
[Symbol]	36" DOOR WIDTH NOMINAL = 33" CLEAR (167 OCCUPANTS PER DOOR AT 0.3" NON-SPRINKLERED)
[Symbol]	72" DOOR WIDTH NOMINAL = 68" CLEAR (342 OCCUPANTS PER DOOR AT 0.2" NON-SPRINKLERED)

LIFE SAFETY GENERAL NOTES:

1. SEE SHEET G002 FOR UL DESIGNS

ROOM NAME	TRAVEL DISTANCE
EQUIPMENT	43' - 0"
GYMNASIUM	66' - 4"
GYMNASIUM 2	85' - 10"
WOMEN	111' - 0"

...Becoming the
 Leading Designer of
 High Performance Facilities
 in the Nation with a
 Specialty in Alternative
 Delivery Methods

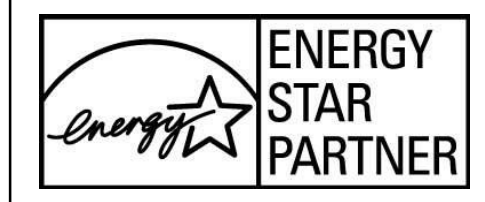
333 Fayetteville St, Ste 225
 Raleigh, NC 27601
 P: 919.573.4390
 F: 919.573.4395
 www.sfa.biz

sfa
 ARCHITECTS

CERT. NO. 58076
 ARCHITECTS
 NORTH CAROLINA
 RALEIGH, N.C.

CONSTRUCTION DOCUMENTS

Harnett County Schools
LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION
 855 Old US Highway 421, Lillington NC 27546



No.	Date	Description

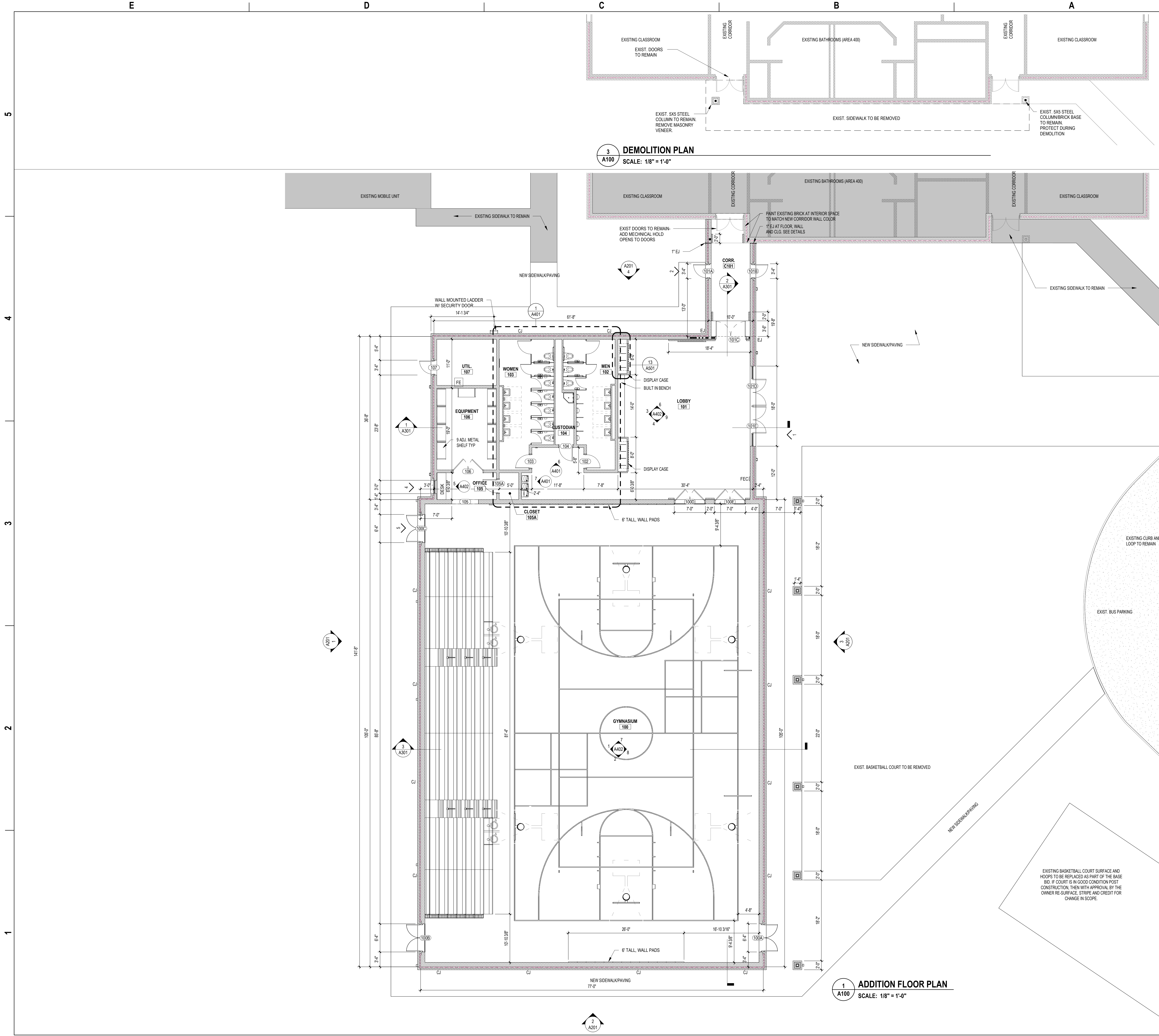
ISSUE DATE: 07-26-24
 PROJECT #: 02110.300
 DRAWN BY: JR
 CHECKED BY: Checker
 © 2024 SFA+a Architects, PA
 All Rights Reserved

LIFE SAFETY /
 OCCUPANCY
 TABULATION PLANS

G111

ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However, architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.

7/28/2024 7:36:57 AM Autodesk Docs://02110.300 Lillington-Shawtown ES/02110.300 Lillington-Shawtown ES Addition_Arch_023.rvt



3 DEMOLITION PLAN
A100 SCALE: 1/8" = 1'-0"

1 ADDITION FLOOR PLAN
A100 SCALE: 1/8" = 1'-0"

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
■■■■■■	2 HOUR RATED WALL
CJ	BRICK CONTROL JOINT - SEE DETAIL A5 SHEETS
FD	FLOOR DRAIN - SEE PLUMBING DRAWINGS
◇ SF3	STOREFRONT TAG
◇	WINDOW TAG - SEE SHEET A601 AND FLOOR PLANS
○ 100	DOOR TAG - SEE SHEET A601 AND FLOOR PLANS

GENERAL NOTES:

- SEE SHEET 0002 FOR UL DESIGNS
- ALL CURTAINWALL (CW) AND STOREFRONT (SF) DIMENSIONED TO FACE OF MULLION, UNO.
- ALL EXTERIOR MASONRY DIMENSIONED TO EXTERIOR FACE OF CMU BLOCK
- ALL METAL STUD WALLS DIMENSIONED TO FACE OF STUD, UNO.
- ALL DOORS IN MASONRY DIMENSIONED TO MASONRY OPENING.
- ALL DOORS IN METAL STUD WALLS DIMENSIONED TO CENTERLINE.
- PROVIDE BULLNOSE UNITS AS FOLLOWS:
 - WALL OUTSIDE CORNERS
 - EXCEPTION: PROVIDE ANGLE CORNER UNITS FOR FIRST EXPOSED COURSE AT OUTSIDE CORNERS SCHEDULED TO RECEIVE WALL BASE FINISH. GRIND EXPOSED UPPER PORTION OF ANGLE CORNER UNIT TO CREATE A SMOOTH TRANSITION TO MATCH THE BULLNOSE UNITS ABOVE. SEE ENLARGED, STANDARD DETAIL IN THIS SET ON A5 SHEETS.
 - WALL CAP UNLESS OTHER CAP MATERIAL FINISH IS NOTED.
 - WINDOW SILLS, UNLESS OTHER SILL MATERIAL FINISH IS NOTED.
 - END WALLS
 - PILASTERS

...Becoming the
Leading Designer of
High Performance Facilities
in the Nation with a
Specialty in Alternative
Delivery Methods

333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.4350
F: 919.573.4355
www.sfla.biz

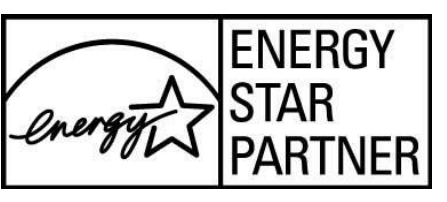
sfl+a
ARCHITECTS

CERT. NO. 90876
SOUTH CAROLINA
REGISTERED ARCHITECT

REGISTERED ARCHITECT
STATE OF NORTH CAROLINA
NO. 7156
DAVID W. FERRELL
RALEIGH, N.C.

CONSTRUCTION DOCUMENTS

Harnett County Schools
**LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION**
855 Old US Highway 421, Lillington NC 27546



No.	Date	Description

ISSUE DATE: 07-26-24
PROJECT #: 02110.300
DRAWN BY: JK
CHECKED BY: -
© 2024 Sfl+a Architects, PA
All Rights Reserved

FLOOR PLANS

A100

ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However, architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.

E

D

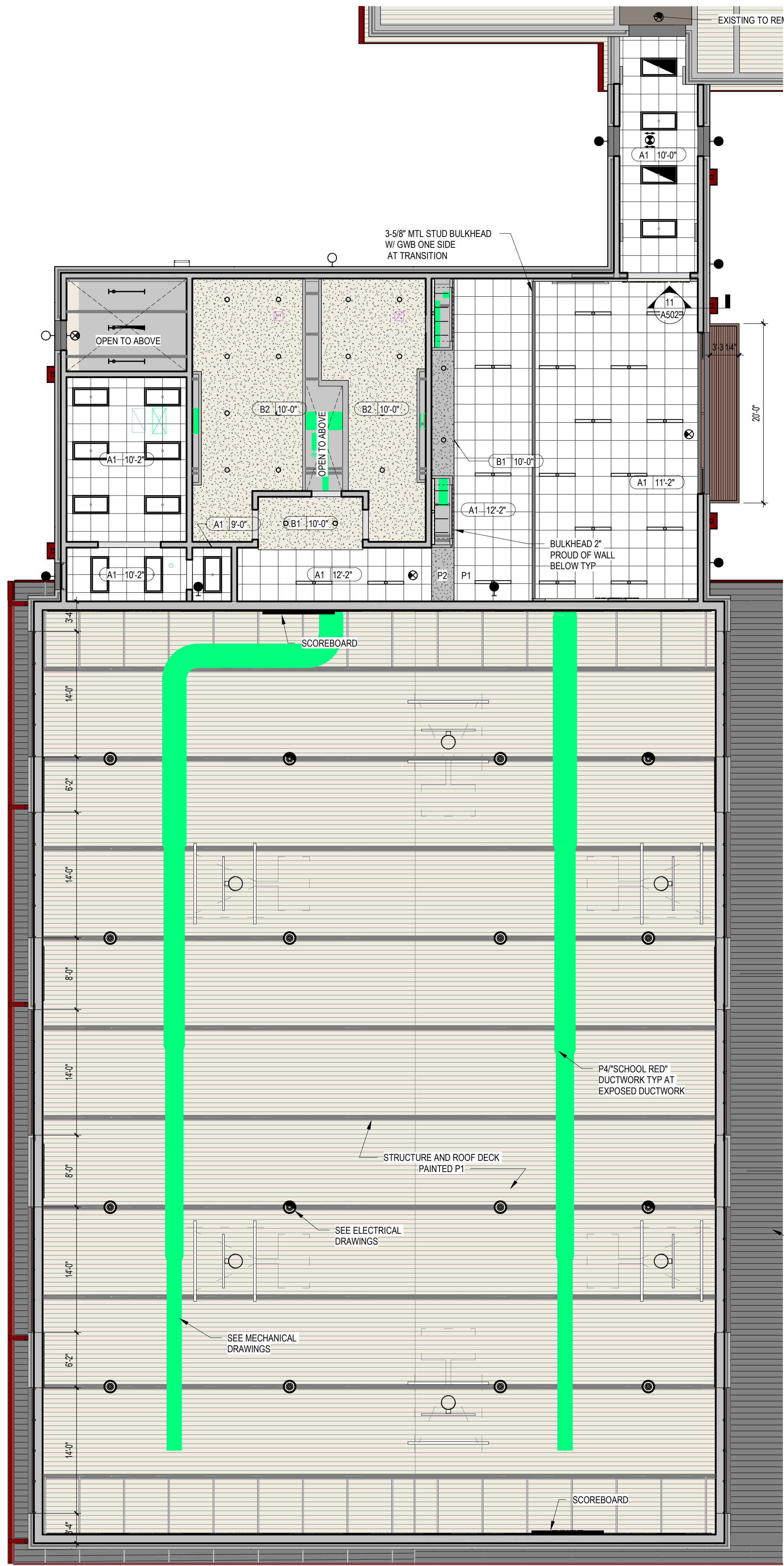
C

B

A

<p>B 0'-0" DRYWALL CEILING ON STUDS</p> <p>TYPE MARK: B1 = 5/8" GYPSUM CEILING PANEL ON METAL STUD. B2 = 5/8" GYPSUM CEILING PANEL (MOLD RESISTANT) W/ WATERPROOF EPOXY BASE COATING ON METAL STUD.</p> <p>COLD-FORMED METAL FRAMING, 16 IN. OC. UNO</p> <p>MOLD/MOISTURE RESISTANT GYPSUM BOARD, 5/8 IN. UNO</p> <p>WATERPROOF EPOXY BASE COATING, FINISH PAINT PER FINISH SCHEDULE</p> <p>UL DESIGN #: N/A</p>	<p>A 0'-0" ACOUSTICAL CEILING TILE</p> <p>TYPE MARK: A1 = 24"x24" STANDARD MATERIAL</p> <p>ACOUSTICAL TILE CEILINGS ACOUSTICAL CEILING SUSPENSION ASSEMBLIES</p> <p>UL DESIGN #: N/A</p>
--	---

2 STANDARD ASSEMBLIES (CEILING)
A121 SCALE: 1 1/2" = 1'-0"



1 FIRST FLOOR REFLECTED CEILING PLAN
A121 SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS TYPE "A": TYPICAL PANELS (CENTER GRID IN ROOM/SPACE)
	GYPSUM WALL BOARD CEILING TYPE "B": TYPICAL CEILING SYSTEM, PAINTED (METAL STUD FRAMING OR SUSPENDED DRYWALL SYSTEM)
	TYPE "C": FLUSH METAL CEILING SYSTEM, PRE-FINISHED
	LED EXIT SIGN
	DOWNLIGHT - SEE ELECTRICAL
	2X4 LAY-IN LED
	2X4 LAY-IN EMERGENCY LED
	LED STRIP LIGHT
	RECESSED LINEAR LED
	WALL MOUNTED EXTERIOR LIGHT
	EMERGENCY WALL MOUNTED EXTERIOR LIGHT
	DIFFUSER - SEE MECHANICAL DWG
	RETURN - SEE MECHANICAL DWG
	DIFFUSER GRILLE - SEE MECHANICAL DWG
	EHAUST - SEE MECHANICAL DWG

RCP GENERAL NOTES:

- REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE TYPES AND ADDITIONAL INFORMATION.
- COORDINATE LOCATION OF ACCESS PANELS WITH PLUMBING CONTRACTOR.
- ANY EXISTING FIXTURES AND CEILING EQUIPMENT TO REMAIN IS INDICATED BY GRAY LINEWORK. SEE ELECTRICAL AND MECHANICAL FOR CLARIFICATION OF EXISTING AND NEW.
- ALL EXPOSED STRUCTURE, PIPING, DUCT WORK, ELECTRICAL DEVICES, ETC IN AREAS INDICATED AS EXPOSED STRUCTURE TO BE PAINTED COLOR MATCHED TO ADJACENT SURFACE EXCEPT MECHANICAL ROOMS.
- INTERIOR LOUVERS TO BE PAINTED TO MATCH THE WALL, SURFACE OR BULKHEAD COLOR THAT THE LOUVER IS INSTALLED IN.
- EAVE AND CANOPY SOFFITS TO BE 7" FLUSH METAL PANEL SYSTEM.
- CONTROL JOINTS ARE NOTED IN GYPSUM CEILINGS AS 'CJ'
- PER OSHA ALL TOILET ROOMS MUST HAVE A SCRUBBABLE AND CLEANABLE FLOOR, WALL AND CEILING.
- ALL LAY IN CEILING GRID TO BE WHITE UNO.

PAINT NOTES

- PAINT P1 STANDARD WALL FIELD IN ALL LOCATIONS U.N.O.
 - EPOXY PAINT TYPICAL AT ALL RESTROOMS, JANITOR CLOSETS, AND KITCHEN / SERVING AREAS.
 - SEMIGLOSS PAINT TYPICAL AT ALL CONCRETE MASONRY WALLS AND HOLLOW METAL DOOR FRAMES, U.N.O.
 - EGGSHELL PAINT TYPICAL AT ALL GYPSUM BOARD WALLS U.N.O.
 - FLAT PAINT TYPICAL AT ALL CEILING & BULKHEAD CONDITIONS, U.N.O.
 - PAINT COLORS DESIGNATED AT COLUMN SURROUNDS TO BE APPLIED TO ALL SIDES OF COLUMN UP TO CEILING
 - PAINT COLORS DESIGNATED AT BULKHEADS TO BE APPLIED TO ENTIRE VERTICAL AND HORIZONTAL FACES, UNLESS NOTED OTHERWISE IN RCP AND ELEVATIONS.
- P1** WHITE SW6070-HERON PLUME
P2 GREY SW7674-PEPPER CORN
P3 GOLD SW6905-GOLD FINCH
P4 MAROON SW6300-BURGUNDY

...Becoming the
**Leading Designer of
High Performance Facilities
in the Nation with a
Specialty in Alternative
Delivery Methods**

333 Fayetteville St, Ste 325
Raleigh, NC 27601
P: 919.573.4350
F: 919.573.4355
www.sfl+a.com

sfl+a
ARCHITECTS

CERT. NO. 56878
REGISTERED ARCHITECT
STATE OF NORTH CAROLINA

CERT. NO. 17152
REGISTERED ARCHITECT
STATE OF NORTH CAROLINA

CONSTRUCTION DOCUMENTS

Harnett County Schools
**LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION**
855 Old US Highway 421, Lillington NC 27546



No.	Date	Description

ISSUE DATE: 07-26-24
PROJECT #: 02110.300
DRAWN BY: JK
CHECKED BY: Checker
© 2024 Sfl+a Architects, PA
All Rights Reserved

RCP

***A121**

E

D

C

B

A

5

4

3

2

1

ROOF PLAN LEGEND

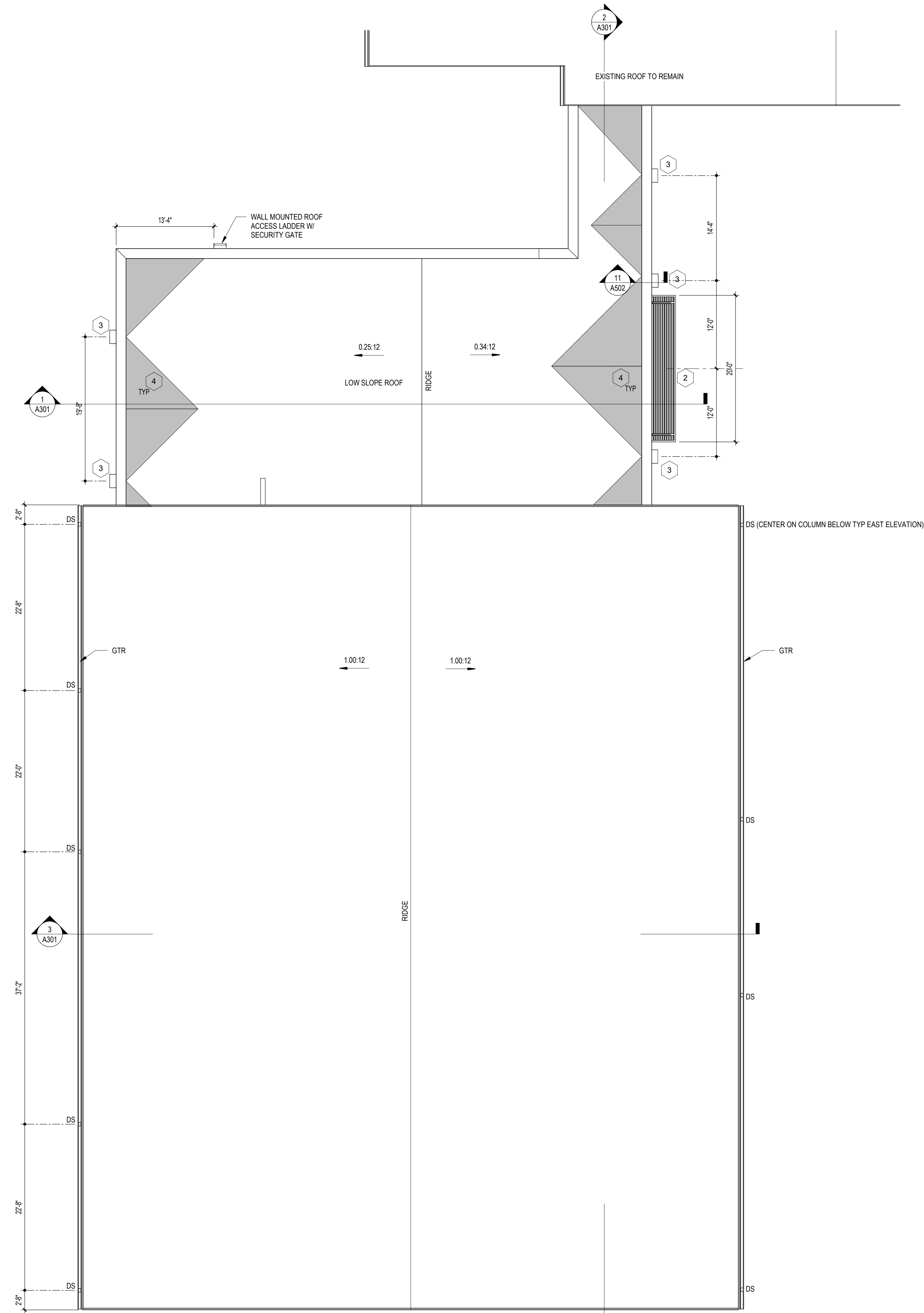
SYMBOL	DESCRIPTION
DS	4" x 6" DOWNSPOUT
GTR	CONTINUOUS 6" x 6" GUTTER
○VTR	VENT PIPE ROOF PENETRATION - SEE SHEET A504

GENERAL NOTES:

- SEE PLUMBING AND MECHANICAL DRAWINGS FOR ROOF MOUNTED EQUIPMENT AND ROOF PENETRATIONS
- SEE SHEET A5 SHEET SERIES FOR ROOF & CANOPY DETAILS

KEYNOTE LEGEND (ROOF PLAN)

- 1 NOT USED
- 2 MANUFACTURED ALUMINUM CANOPY - BELOW COORDINATE DRAIN LOCATION WITH RAMP BELOW
- 3 WALL SCUPPER AND COLLECTOR HEAD WITH DOWNSPOUT
- 4 TAPERED ROOF INSULATION CRICKETS FOR DRAINAGE - 1/2" 12' SLOPE



1 ROOF PLAN
A131 SCALE: 1/8" = 1'-0"

...Becoming the
Leading Designer of
High Performance Facilities
in the Nation with a
Specialty in Alternative
Delivery Methods

333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919-573-4350
F: 919-573-4355
www.sfl+a.biz

sfl+a
ARCHITECTS



CONSTRUCTION DOCUMENTS

Harnett County Schools
LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION
855 Old US Highway 421, Lillington NC 27546



No.	Date	Description

ISSUE DATE: 07-26-24
PROJECT #: 02110.300
DRAWN BY: JK
CHECKED BY: Checker
© 2024 Sfl+a Architects, PA
All Rights Reserved

ROOF PLAN

A131

E

D

C

B

A

ELEVATION LEGEND

SYM.	DESCRIPTION
	SPOT ELEVATION
CL	CENTERLINE
CJ	CONTROL JOINT
EJ	EXPANSION JOINT

REFER TO SHEET 6001 SYMBOLS LIBRARY FOR FULL SYMBOL DESCRIPTION

KEYNOTE LEGEND (EXT. ELEVS)

1. PRE-MANUFACTURED WALL-MOUNTED CANOPY SYSTEM. CENTER ABOVE DOOR UNO
2. 4" X 6" DOWNSPOUT WITH CAST IRON BOOT - TIE TO STORM DRAINS BELOW GRADE
3. PRE-CAST WINDOW/COLUMN SILL
4. CONT. PRE-FINISHED METAL COPING
5. METAL WALL LOUVER - SEE MECHANICAL
6. EXTERIOR WALL PACK LIGHT FIXTURE - SEE ELECTRICAL

...Becoming the
Leading Designer of
High Performance Facilities
in the Nation with a
Specialty in Alternative
Delivery Methods

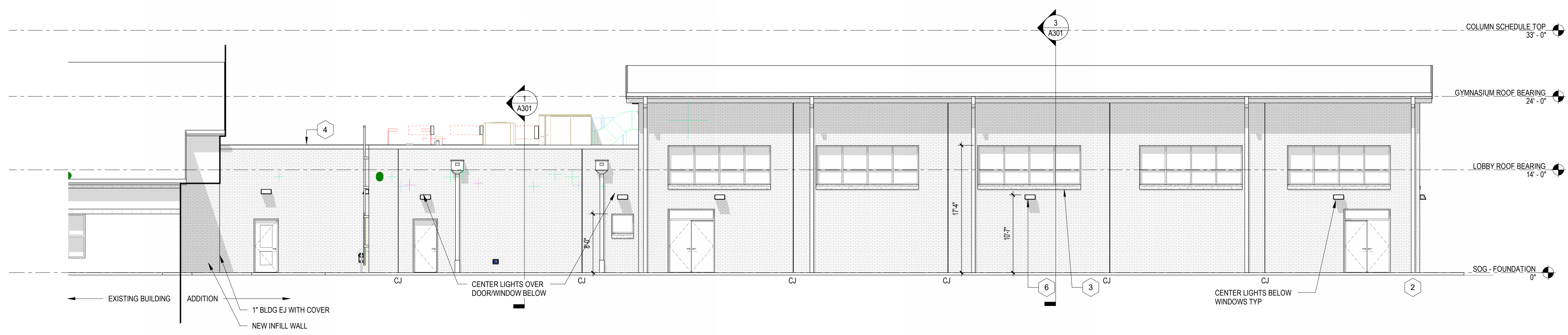
333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919-573-4350
F: 919-573-4355
www.sfl+a.biz

sfl+a
ARCHITECTS

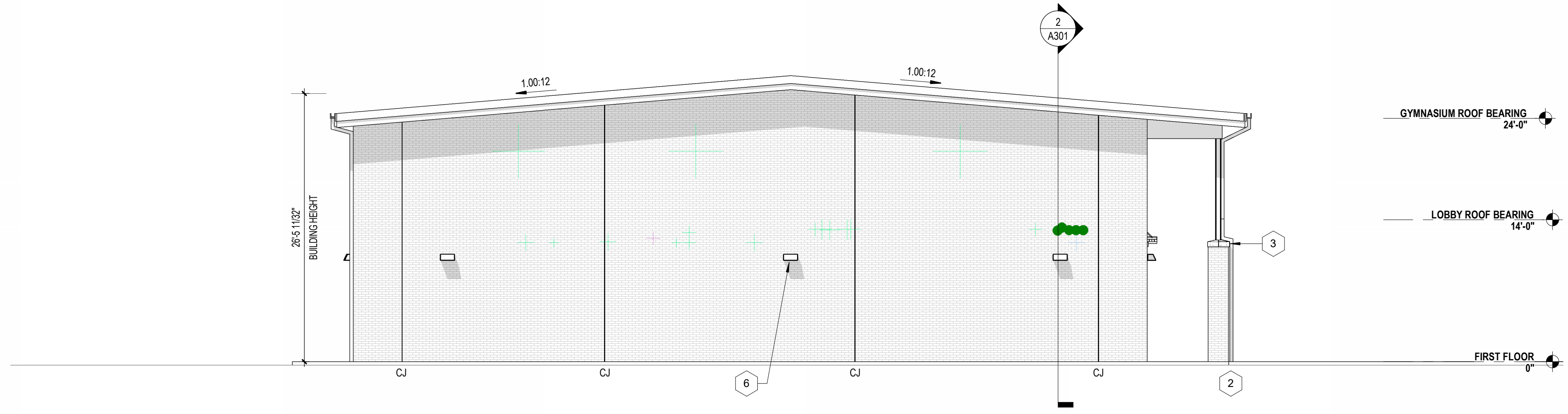
CERT. NO. 56076
SOUTH CAROLINA ARCHITECTS ASSOCIATION
Raleigh, N.C.

ROBERT W. FERRELL
ARCHITECT
Raleigh, N.C.

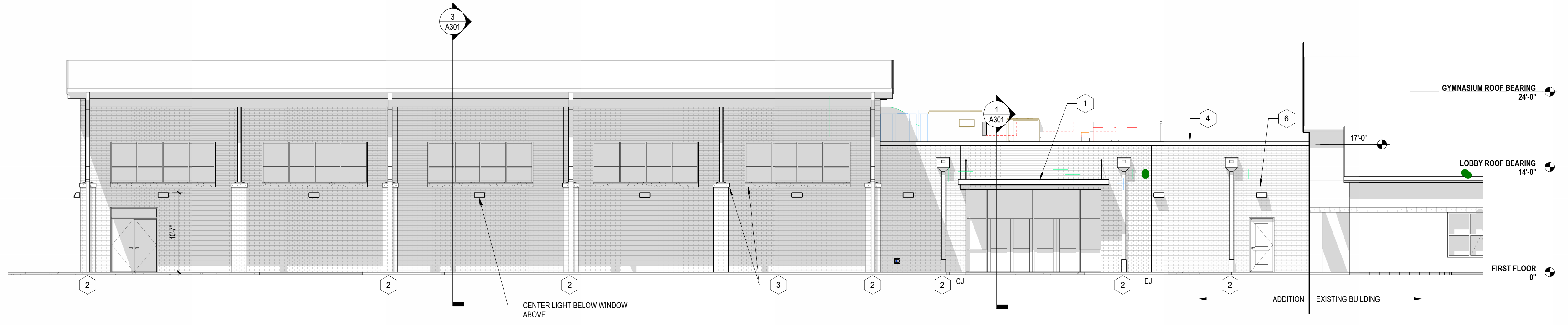
CONSTRUCTION DOCUMENTS



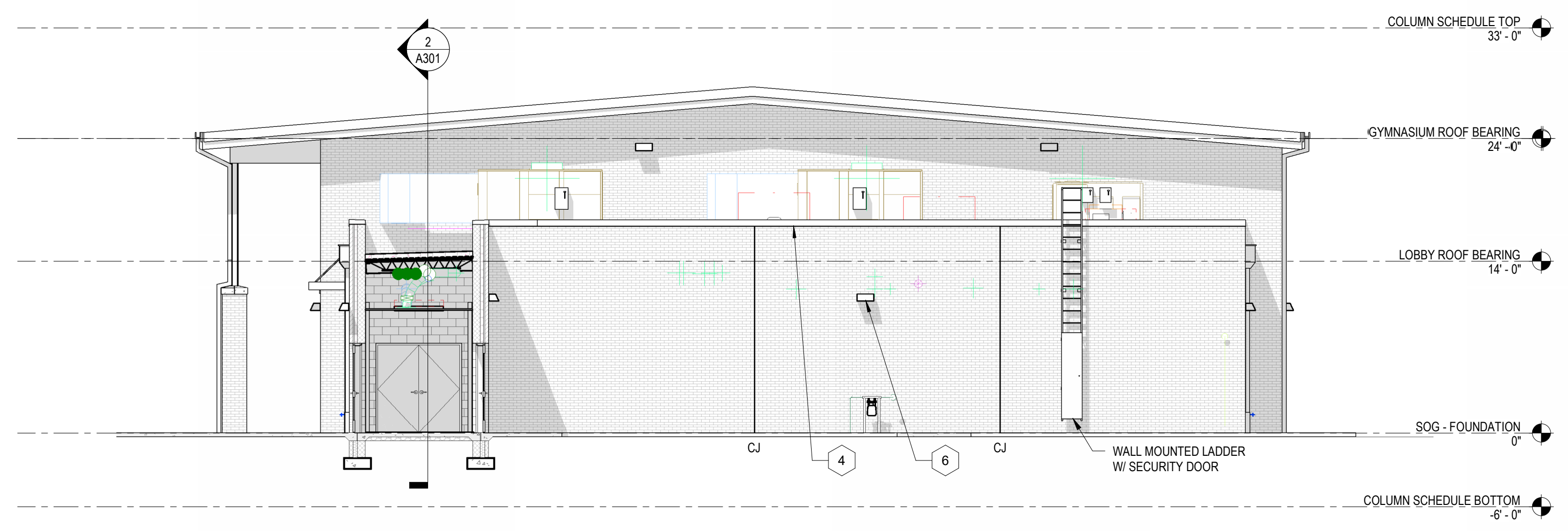
1 WEST ELEVATION-PLAN RIGHT
SCALE: 1/8" = 1'-0"



2 SOUTH ELEVATION-PLAN BOTTOM
SCALE: 1/8" = 1'-0"



3 EAST ELEVATION-PLAN RIGHT
SCALE: 1/8" = 1'-0"



4 NORTH ELEVATION-PLAN TOP
SCALE: 1/8" = 1'-0"

Harnett County Schools
**LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION**
855 Old US Highway 421, Lillington NC 27546



No.	Date	Description

ISSUE DATE: 07-26-24
PROJECT #: 02110.300
DRAWN BY: JK
CHECKED BY: Checker
© 2024 Sfl+a Architects, PA
All Rights Reserved

EXTERIOR ELEVATIONS

A201

7/29/2024 7:37:24 AM Autodesk Docs://02110.300 Lillington-Shawtown ES/02110.300 Lillington-Shawtown ES Addition_Arc_A201.rvt

ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However, architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.

E

D

C

B

A

5

4

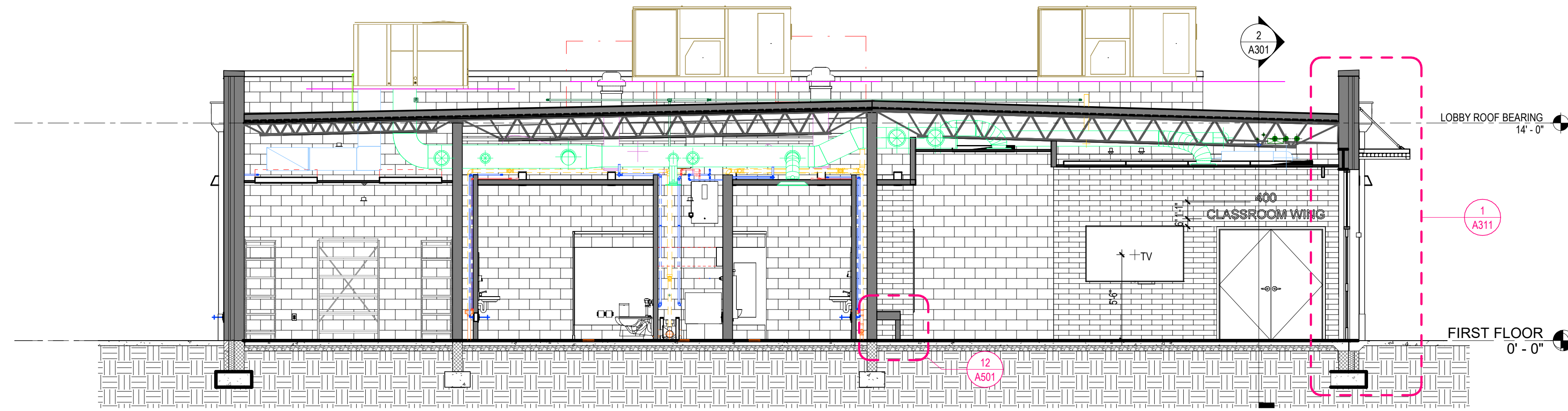
3

2

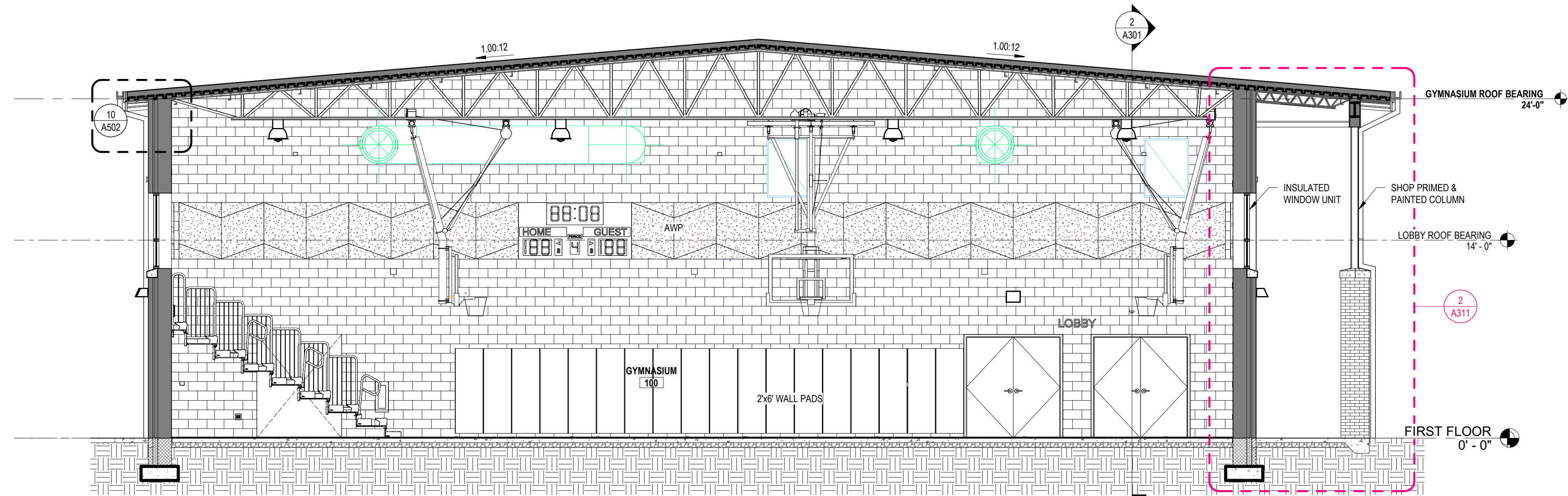
1

SECTION GENERAL NOTES

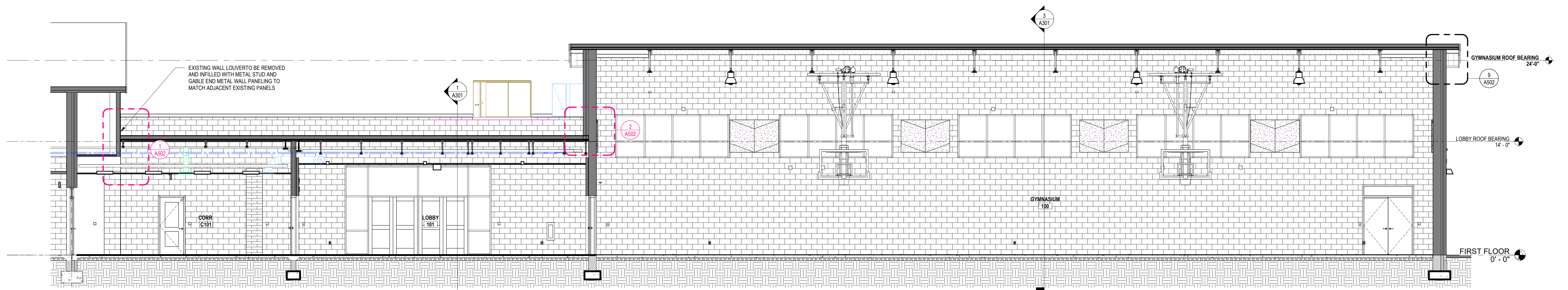
1. WALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF METAL STUD, FACE OF STEEL OR CENTERLINE & STEEL COLUMN, UNLESS OTHERWISE NOTED. DETERMINE LOCATION OF WALLS NOT DIMENSIONED BY THEIR RELATION TO ADJACENT DIMENSIONED WALLS AND COLUMNS.
2. ALL EXTERIOR SIDEWALKS SHALL SLOPE AWAY FROM THE BUILDING AT 1/4" PER FOOT.
3. MAINTAIN INTEGRITY OF ACOUSTIC WALLS AND CEILINGS AT ALL WALL PENETRATIONS AND EQUIPMENT RECESSES.
4. THERE SHALL BE NO PENETRATIONS IN THROUGH-WALL FLASHING.
5. CONTRACTOR SHALL AVOID THE USE OF DISSIMILAR METALS IN CONTACT WITH ONE ANOTHER AS MUCH AS POSSIBLE AND SHALL PROVIDE FELTS, BOND BREAKERS, TAPE, OR OTHER APPLICABLE MATERIAL SEPARATION WHERE SUCH CONTACT IS UNAVOIDABLE.



1 LOBBY CROSS SECTION
 A301 SCALE: 3/16" = 1'-0"



3 GYMNASIUM CROSS SECTION
 A301 SCALE: 3/16" = 1'-0"

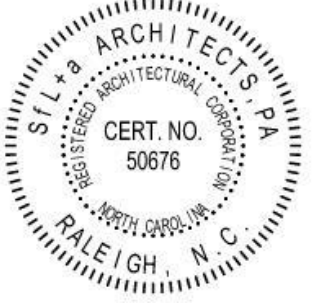


2 SOUTH-NORTH SECTION
 A301 SCALE: 3/16" = 1'-0"

...Becoming the
 Leading Designer of
 High Performance Facilities
 in the Nation with a
 Specialty in Alternative
 Delivery Methods

333 Fayetteville St, Ste 225
 Raleigh, NC 27601
 P: 919.573.4350
 F: 919.573.4355
 www.sfl+a.biz

sfl+a
 ARCHITECTS



CONSTRUCTION DOCUMENTS

Harnett County Schools
**LILLINGTON-SHAWTOWN ELEMENTARY
 GYMNASIUM ADDITION**
 855 Old US Highway 421, Lillington NC 27546



No.	Date	Description

ISSUE DATE: 07-26-24

PROJECT #: 02110.300

DRAWN BY: JK

CHECKED BY: -

© 2024 Sfl+a Architects, PA
 All Rights Reserved

BUILDING SECTIONS

A301

7/28/2024 7:37:29 AM Autodesk Docs://02110.300 Lillington-Shawtown ES/02110.300 Lillington-Shawtown ES Addition_Arch_023.rvt

E

D

C

B

A

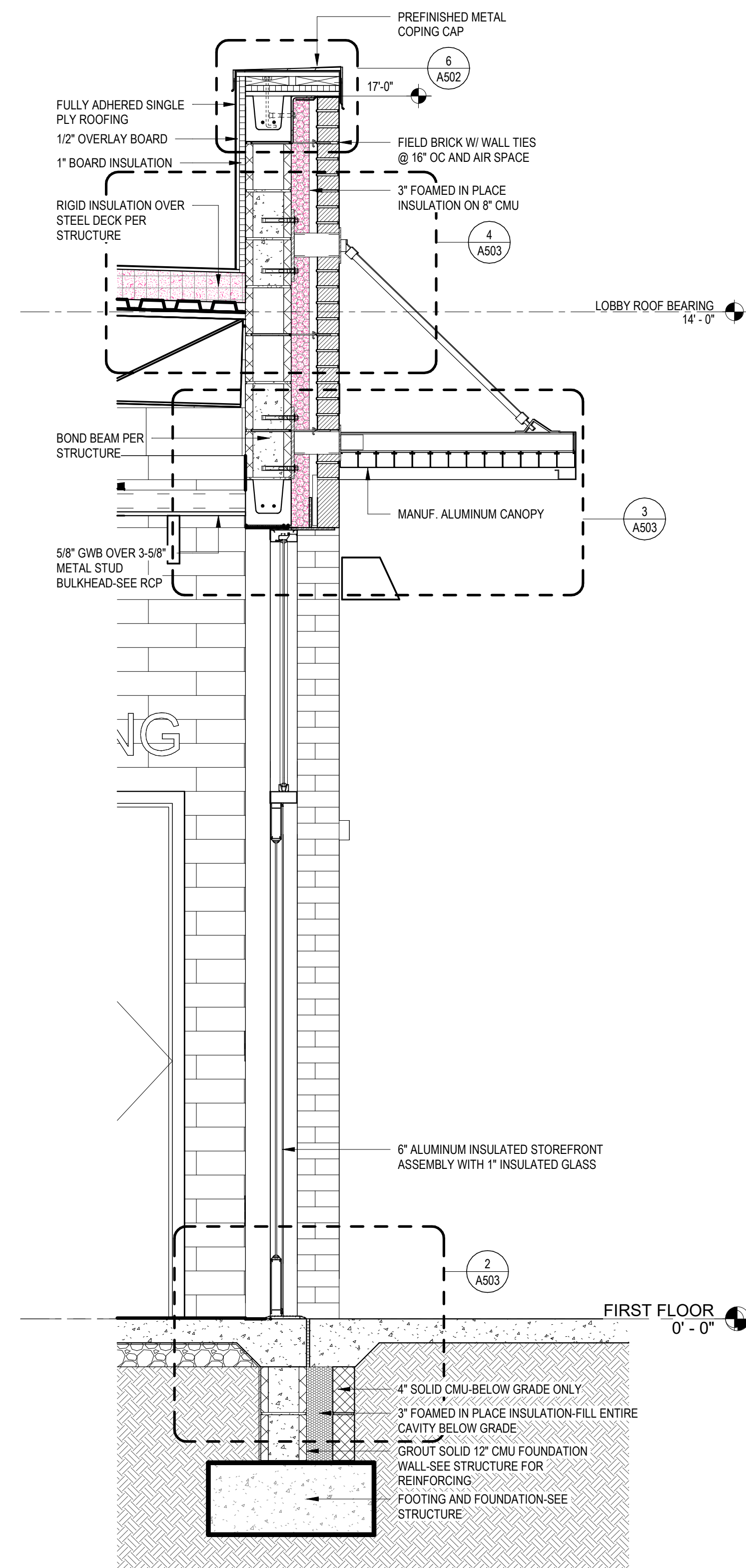
5

4

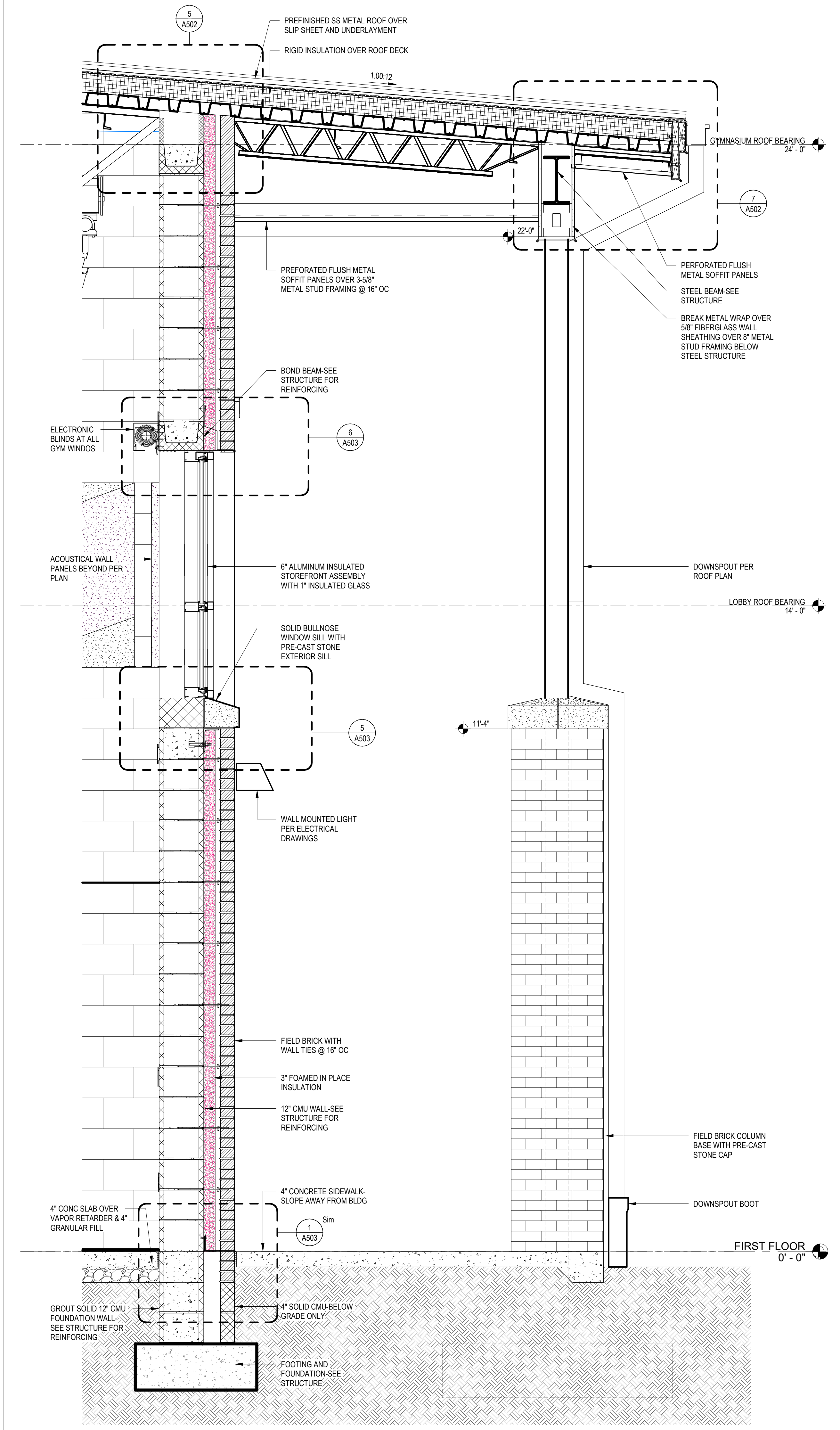
3

2

1



1 LOBBY WALL SECTION
SCALE: 3/4" = 1'-0"



2 GYMNASIUM WALL SECTION
SCALE: 3/4" = 1'-0"

...Becoming the
Leading Designer of
High Performance Facilities
in the Nation with a
Specialty in Alternative
Delivery Methods

333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.4350
F: 919.573.4355
www.sfa.biz

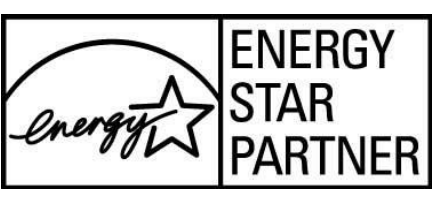
sfa
ARCHITECTS

CERT. NO. 56076
RALPH

ROBERT W. FERRELL
7/15/84
RALPH, N.C.

CONSTRUCTION DOCUMENTS

Harnett County Schools
**LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION**
855 Old US Highway 421, Lillington NC 27546



No.	Date	Description

ISSUE DATE: 07-26-24
PROJECT #: 02110.300
DRAWN BY: JK
CHECKED BY: Checker
© 2024 Sfa+a Architects, PA
All Rights Reserved

EXTERIOR WALL SECTIONS

A311

7/28/2024 7:37:32 AM Autodesk Docs://02110.300_Lillington-Shawtown ES/02110.300_Lillington-Shawtown ES Addition_Arch_023.rvt

ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However, architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.

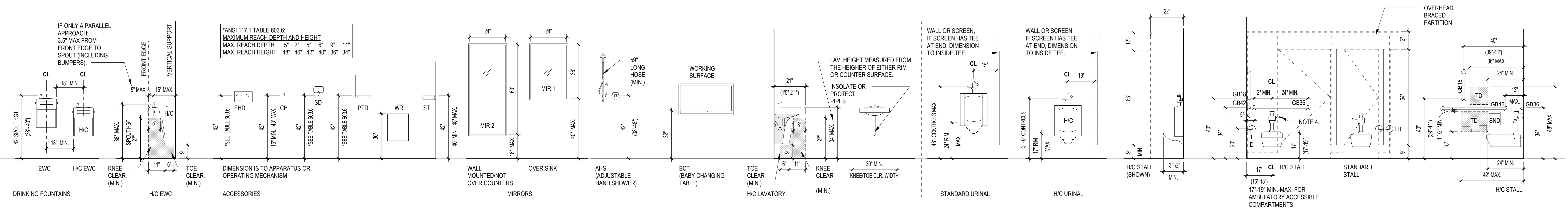
E

D

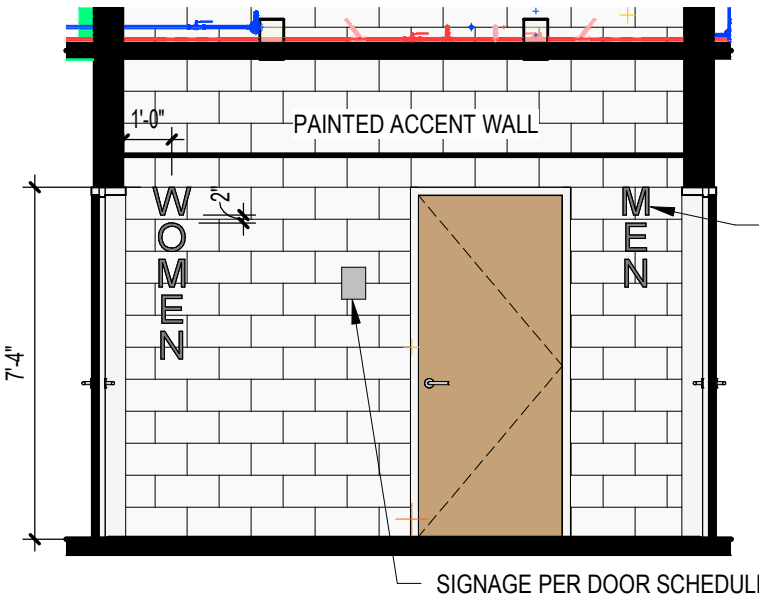
C

B

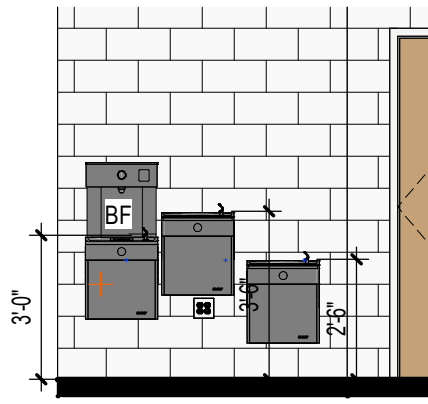
A



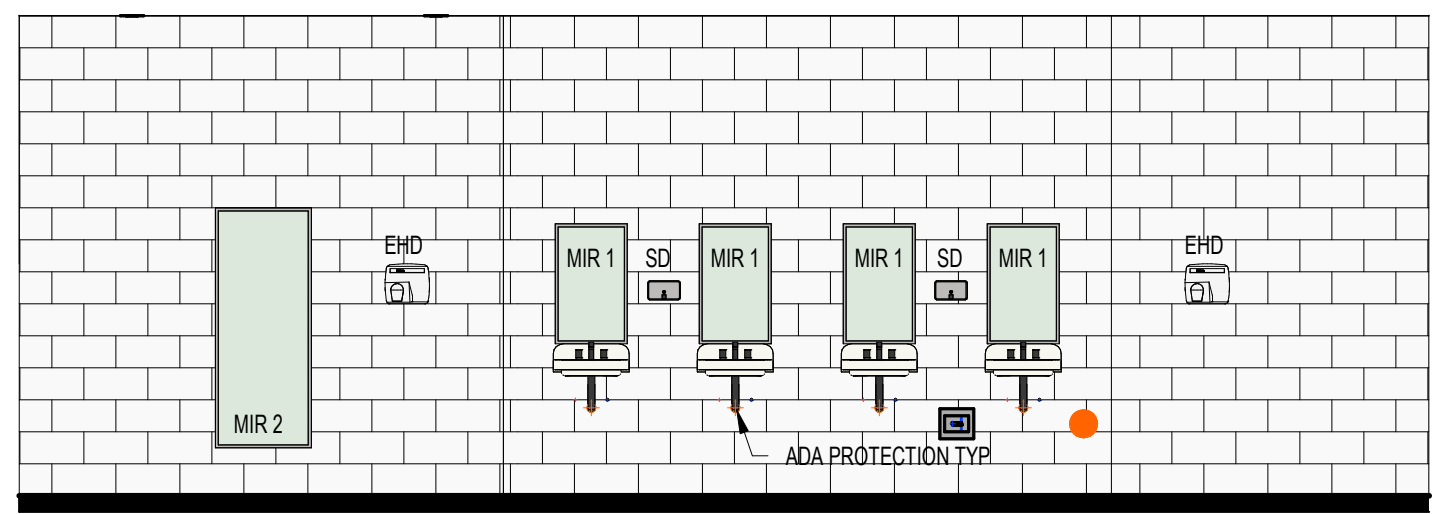
8 ACCESSIBLE + STANDARD FIXTURE MOUNTING HEIGHTS (ADULTS)
A401 SCALE: 3/8" = 1'-0"



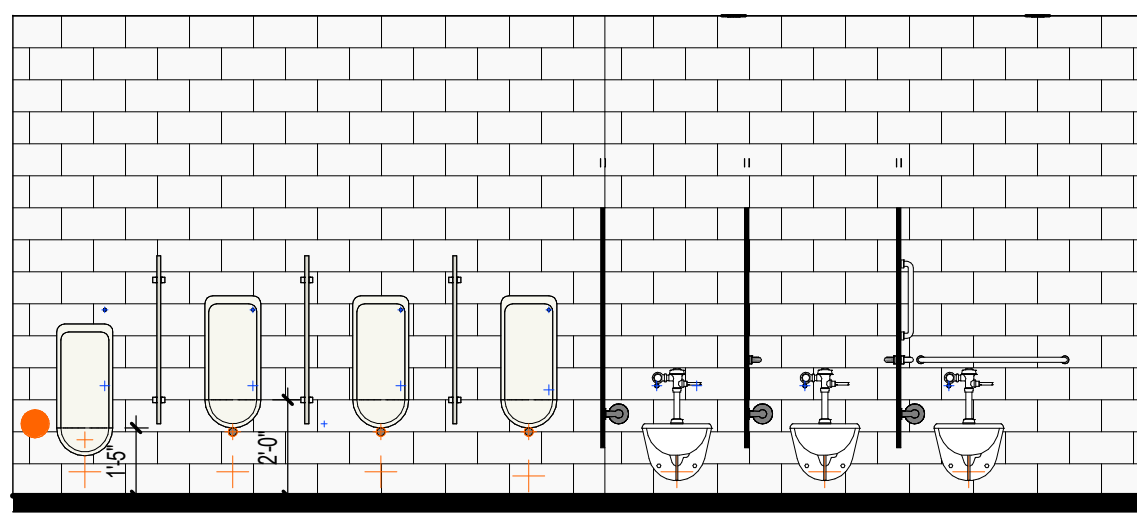
6 BATHROOM ENTRY WALL ELEVATION
A401 SCALE: 1/4" = 1'-0"



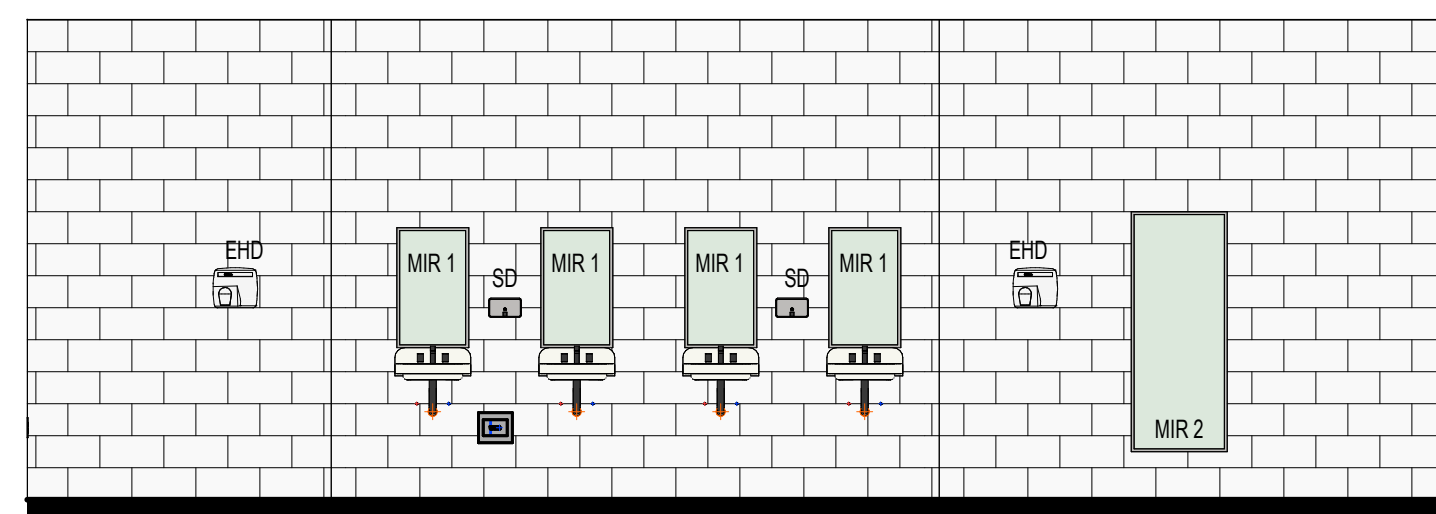
7 BATHROOM D. FOUNTAIN ELEVATION
A401 SCALE: 1/4" = 1'-0"



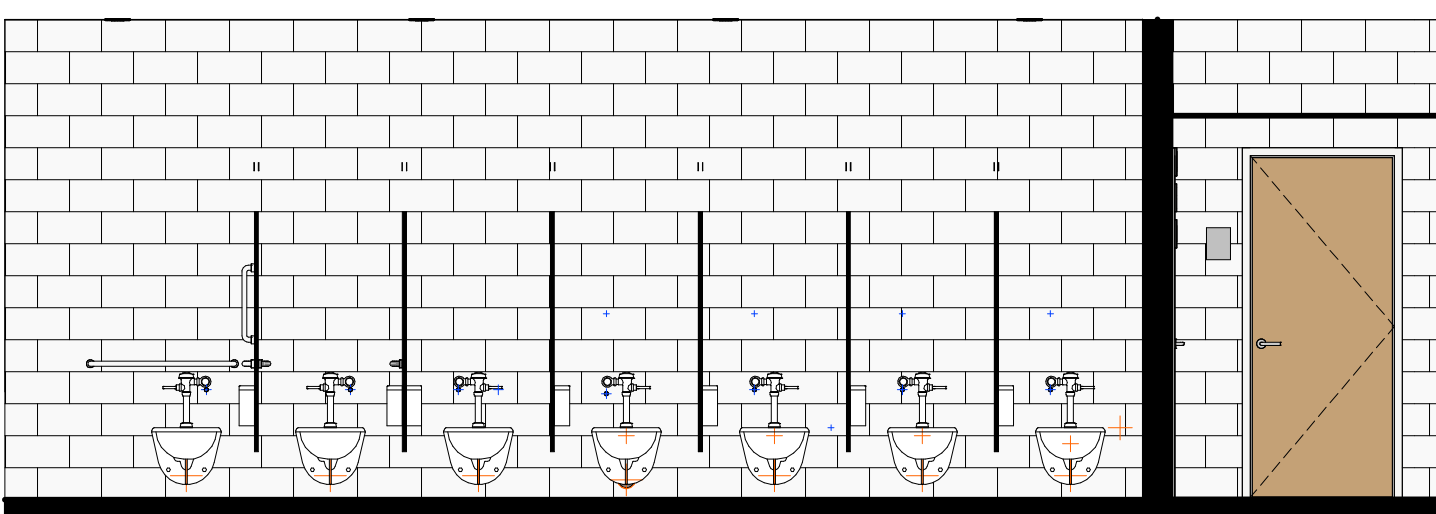
2 MENS LAV ELEV.
A401 SCALE: 1/4" = 1'-0"



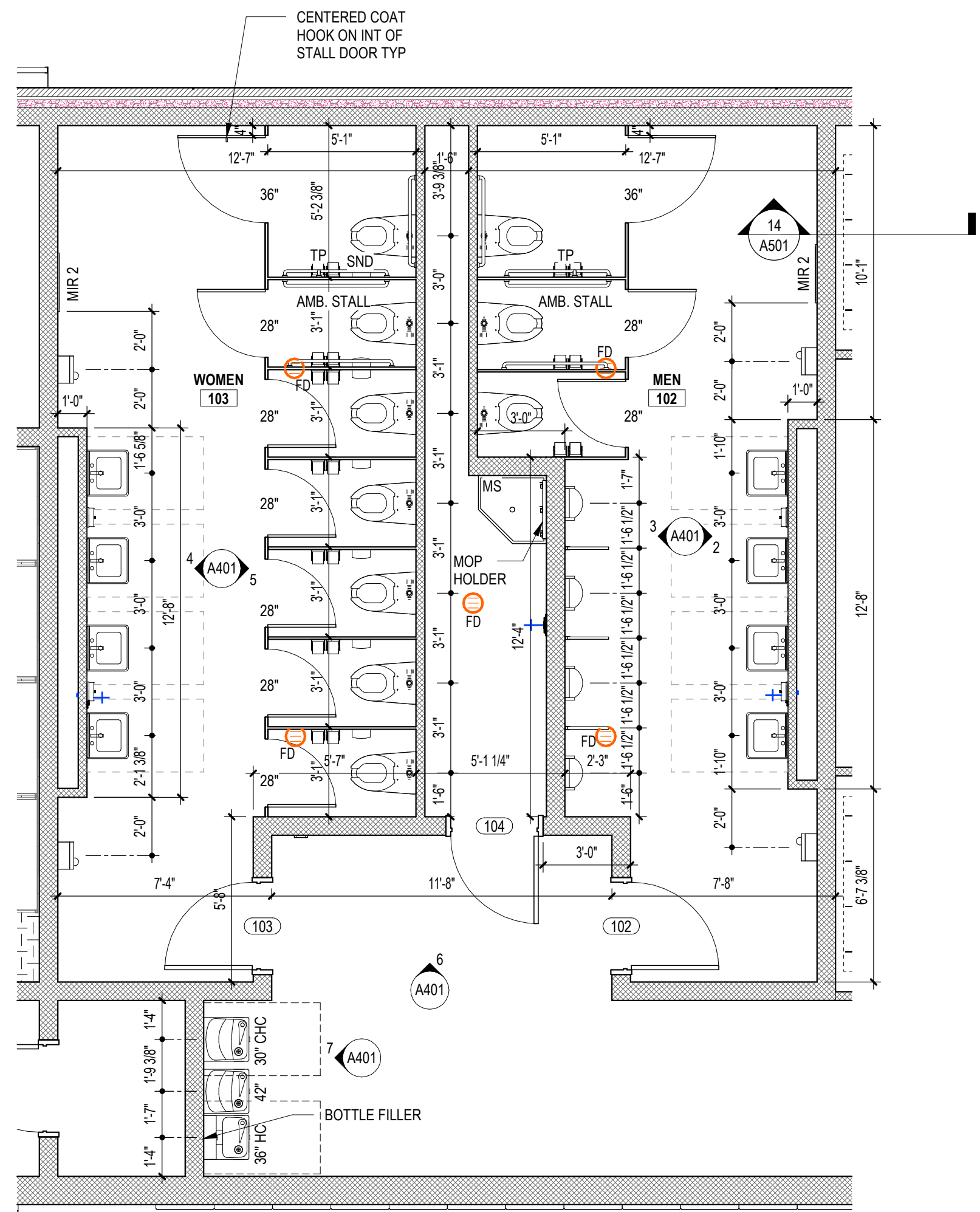
3 MENS WC ELEV.
A401 SCALE: 1/4" = 1'-0"



4 WOMENS LAV ELEV.
A401 SCALE: 1/4" = 1'-0"



5 WOMENS WC ELEV.
A401 SCALE: 1/4" = 1'-0"



1 ENLARGED BATHROOM PLAN
A401 SCALE: 1/4" = 1'-0"

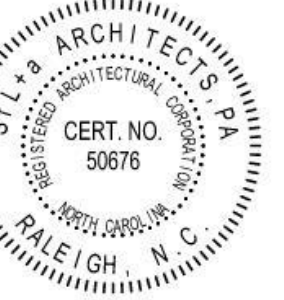
ENLARGED PLANS GEN. NOTES

1. REFER TO FINISH PLANS ON A701 FOR ADDITIONAL PAINT / FINISH / SIGNAGE GENERAL NOTES
2. SEE SHEET G002 FOR UL DESIGNS.
3. ALL CURTAINWALL (CW) AND STOREFRONT (SF) DIMENSIONED TO FACE OF MULLION, UNO.
4. ALL EXTERIOR MASONRY DIMENSIONED TO EXTERIOR FACE OF BRICK VENEER (IF APPLICABLE). IF NO VENEER, TO EXTERIOR FACE OF CMU, UNO.
5. ALL METAL STUD WALLS DIMENSIONED TO FACE OF STUD, UNO.
6. ALL DOORS IN MASONRY DIMENSIONED TO MASONRY OPENING.
7. ALL DOORS IN METAL STUD WALLS DIMENSIONED TO CENTERLINE.

...Becoming the
 Leading Designer of
 High Performance Facilities
 in the Nation with a
 Specialty in Alternative
 Delivery Methods

333 Fayetteville St, Ste 225
 Raleigh, NC 27601
 P: 919-573-4390
 F: 919-573-4395
 www.sfl+a.com

sfl+a
 ARCHITECTS



CONSTRUCTION DOCUMENTS

Harnett County Schools
LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION
 885 Old US Highway 421, Lillington NC 27546



No.	Date	Description

ISSUE DATE: 07-26-24
 PROJECT #: 02110.300
 DRAWN BY: JK
 CHECKED BY: Checker
 © 2024 Sfl+a Architects, PA
 All Rights Reserved
 BATHROOM PLAN &
 INT ELEVATIONS

A401

ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However, architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.

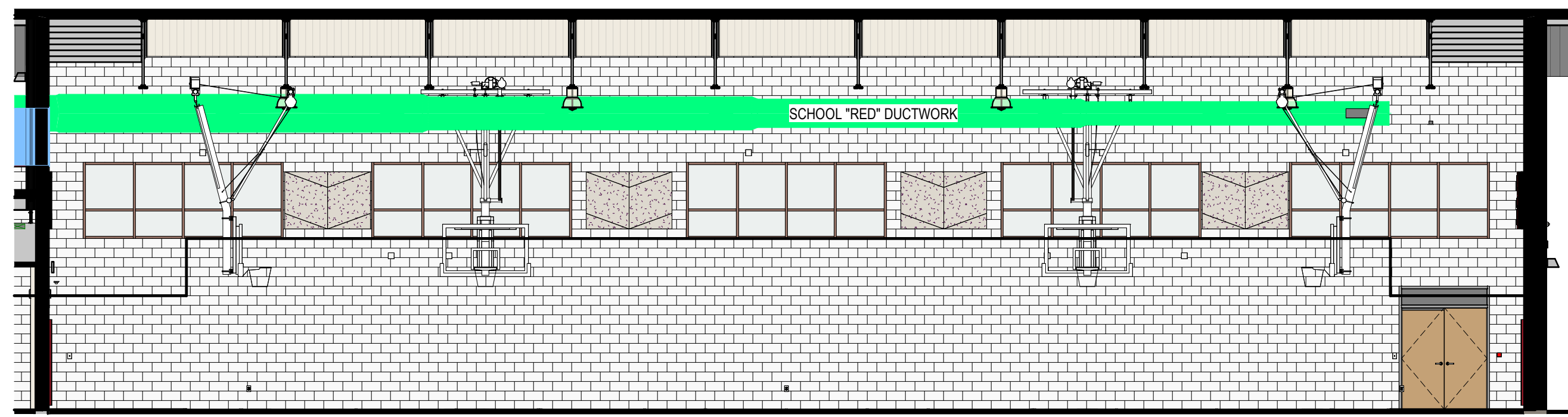
E

D

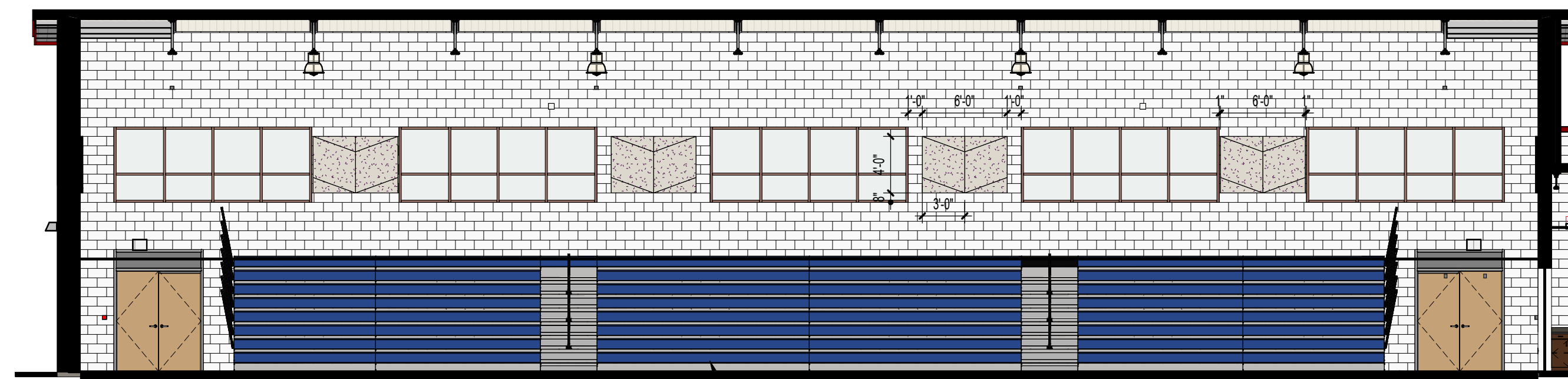
C

B

A



8 GYM ELEVATION-EAST
A402 SCALE: 1/8" = 1'-0"



1 GYM ELEVATION-WEST
A402 SCALE: 1/8" = 1'-0"

ENLARGED PLANS GEN. NOTES

1. REFER TO FINISH PLANS ON A701 FOR ADDITIONAL PAINT / FINISH / SIGNAGE GENERAL NOTES.
2. SEE SHEET G002 FOR UL DESIGNS.
3. ALL CURTAINWALL (CW) AND STOREFRONT (SF) DIMENSIONED TO FACE OF MULLION, UNLESS OTHERWISE NOTED.
4. ALL EXTERIOR MASONRY DIMENSIONED TO EXTERIOR FACE OF BRICK VENEER (IF APPLICABLE), IF NO VENEER, TO EXTERIOR FACE OF CMU, UNLESS OTHERWISE NOTED.
5. ALL METAL STUD WALLS DIMENSIONED TO FACE OF STUD, UNLESS OTHERWISE NOTED.
6. ALL DOORS IN MASONRY DIMENSIONED TO MASONRY OPENING.
7. ALL DOORS IN METAL STUD WALLS DIMENSIONED TO CENTERLINE.

...Becoming the
Leading Designer of
High Performance Facilities
in the Nation with a
Specialty in Alternative
Delivery Methods

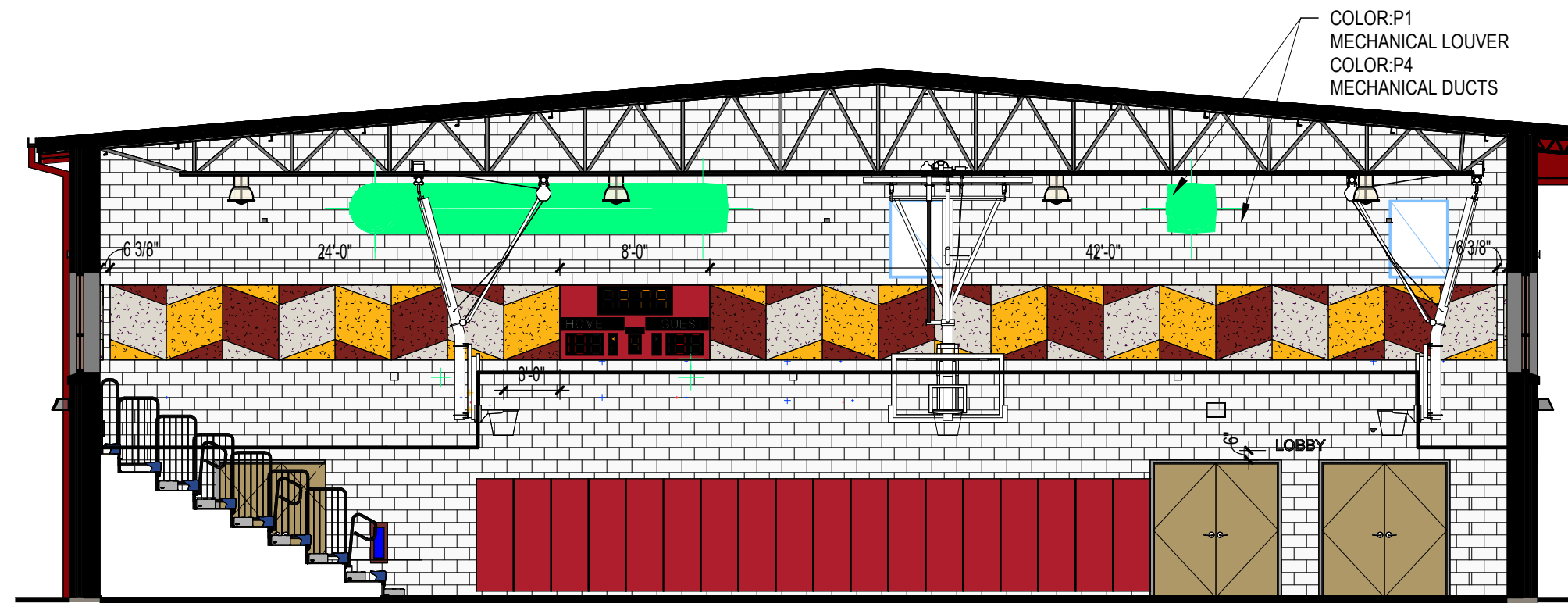
333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.4350
F: 919.573.4355
www.sfl+a.biz

sfl+a
ARCHITECTS

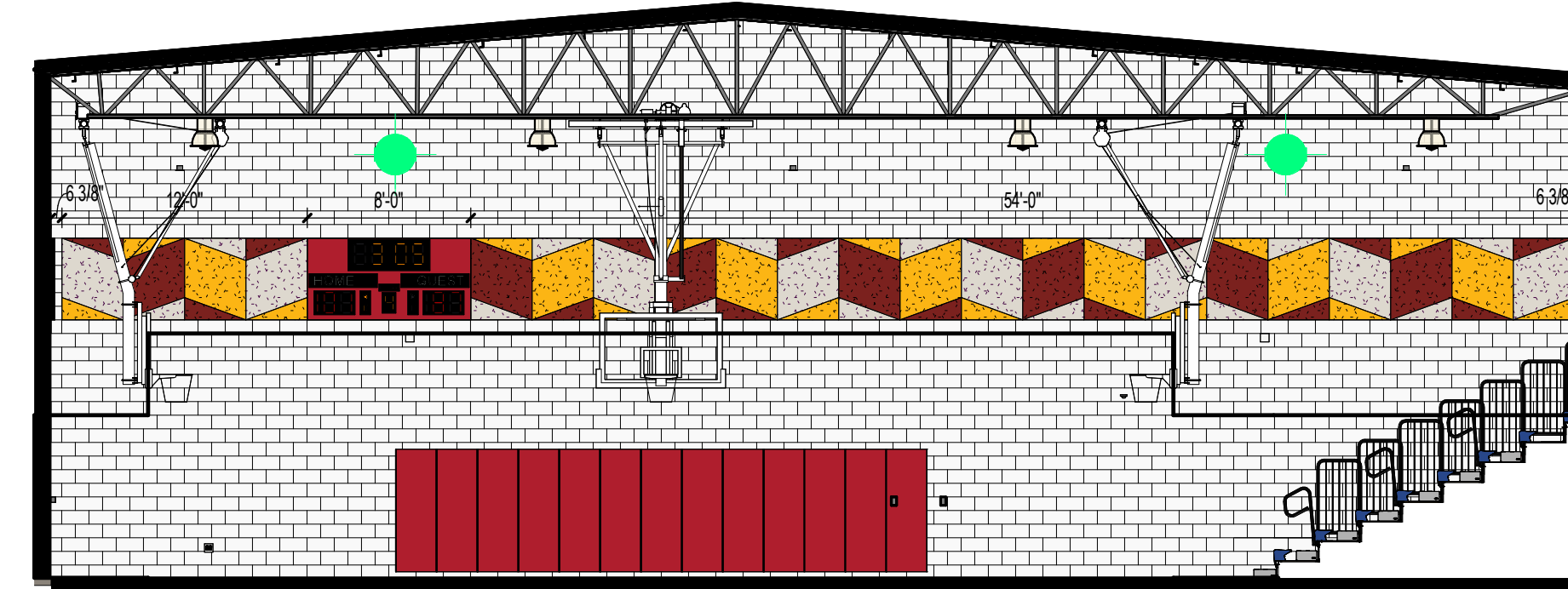
CERT. NO. 50076
PAINTING ARCHITECT
RALPH, N.C.

ROBERT WA. FERRELL
ARCHITECT
RALPH, N.C.

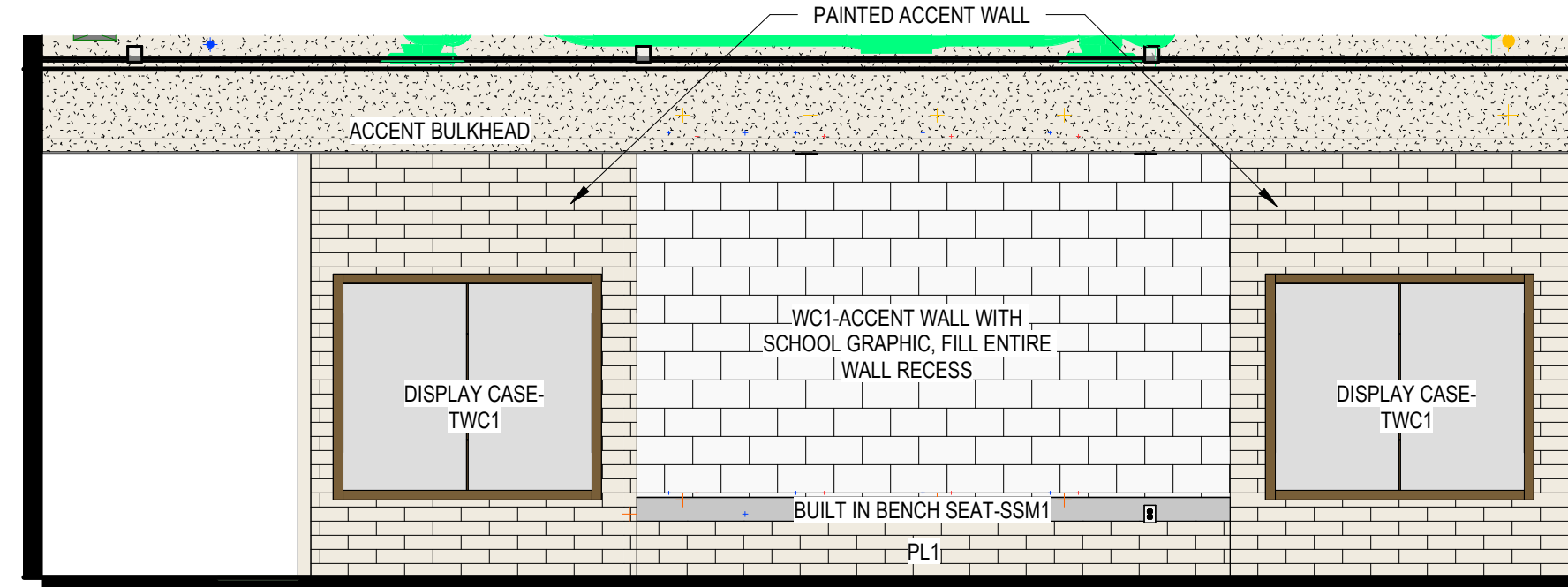
CONSTRUCTION DOCUMENTS



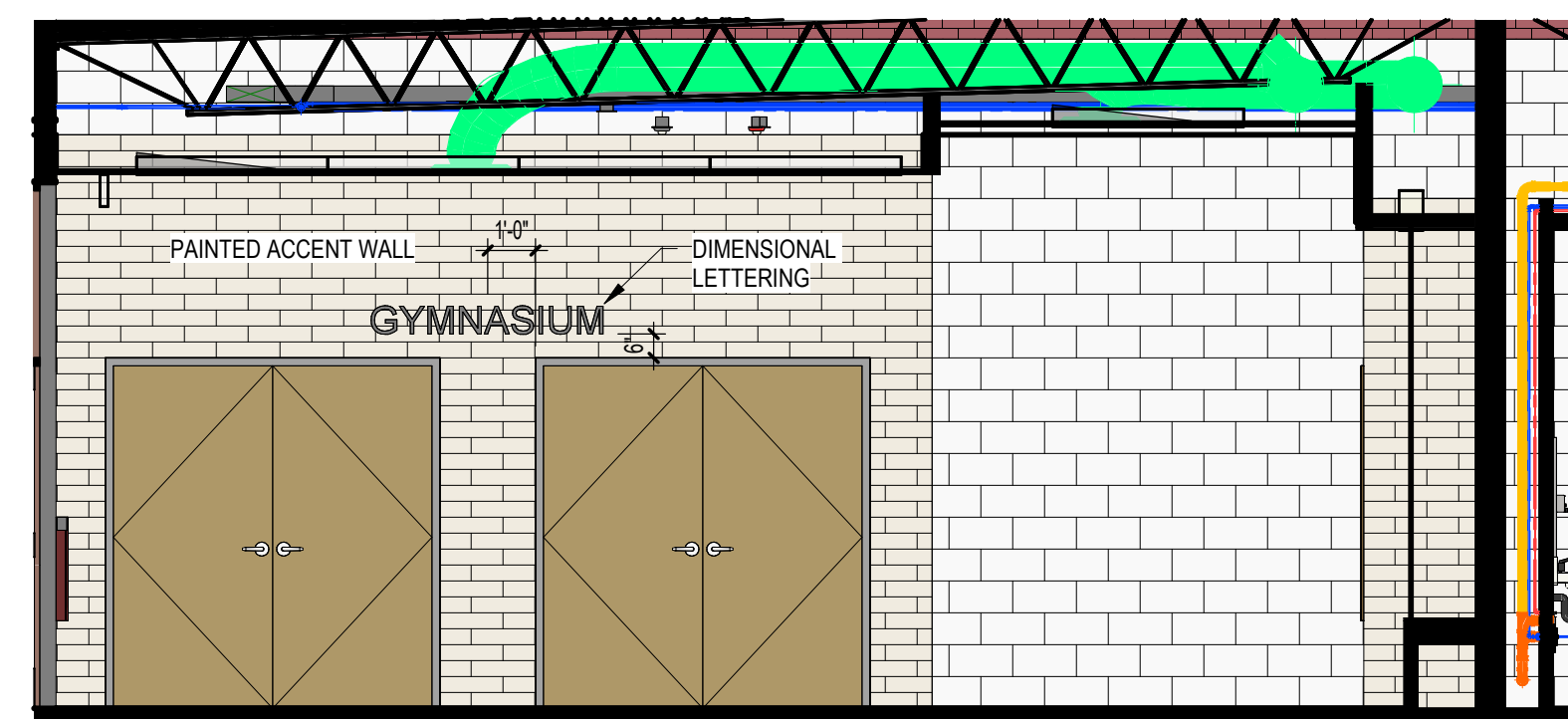
7 GYM ELEVATION-NORTH
A402 SCALE: 1/8" = 1'-0"



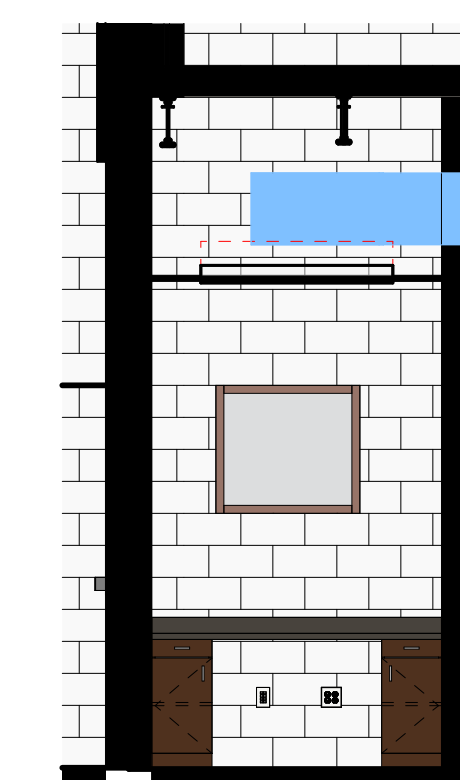
2 GYM ELEVATION-SOUTH
A402 SCALE: 1/8" = 1'-0"



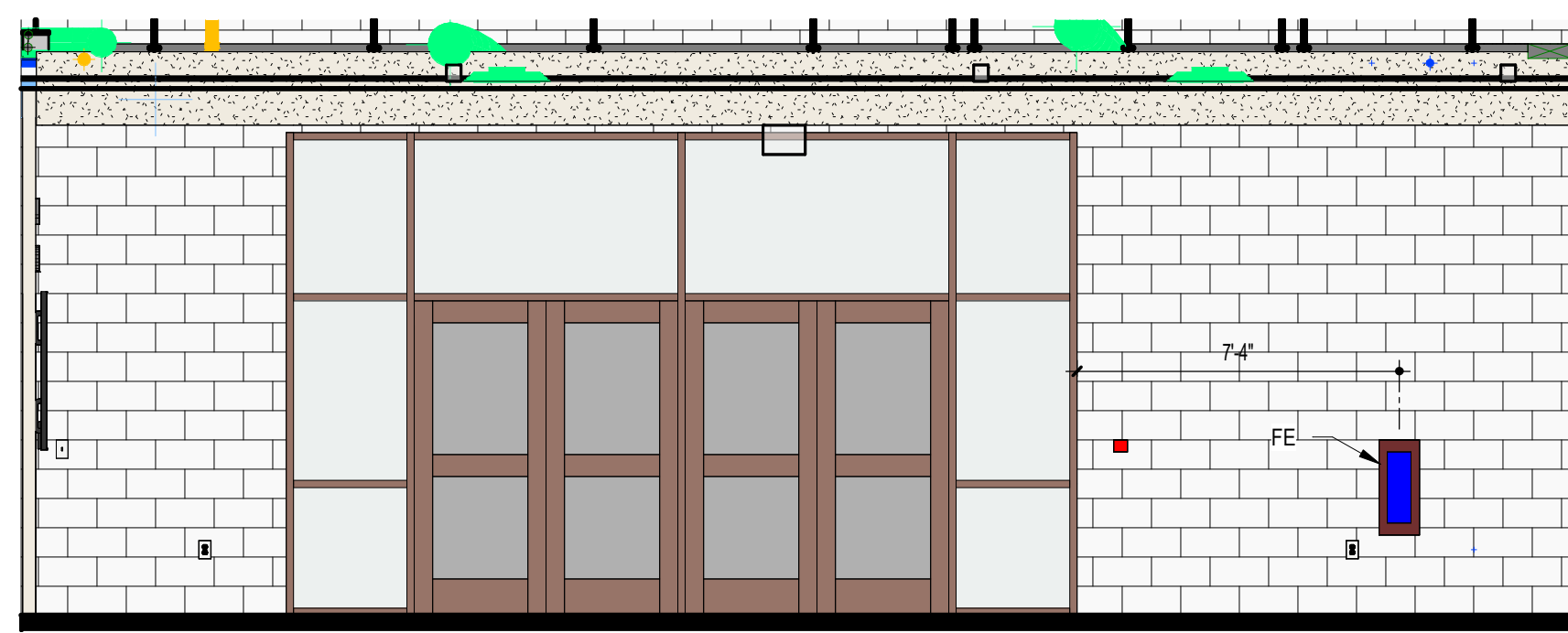
3 LOBBY ELEVATION-WEST
A402 SCALE: 1/4" = 1'-0"



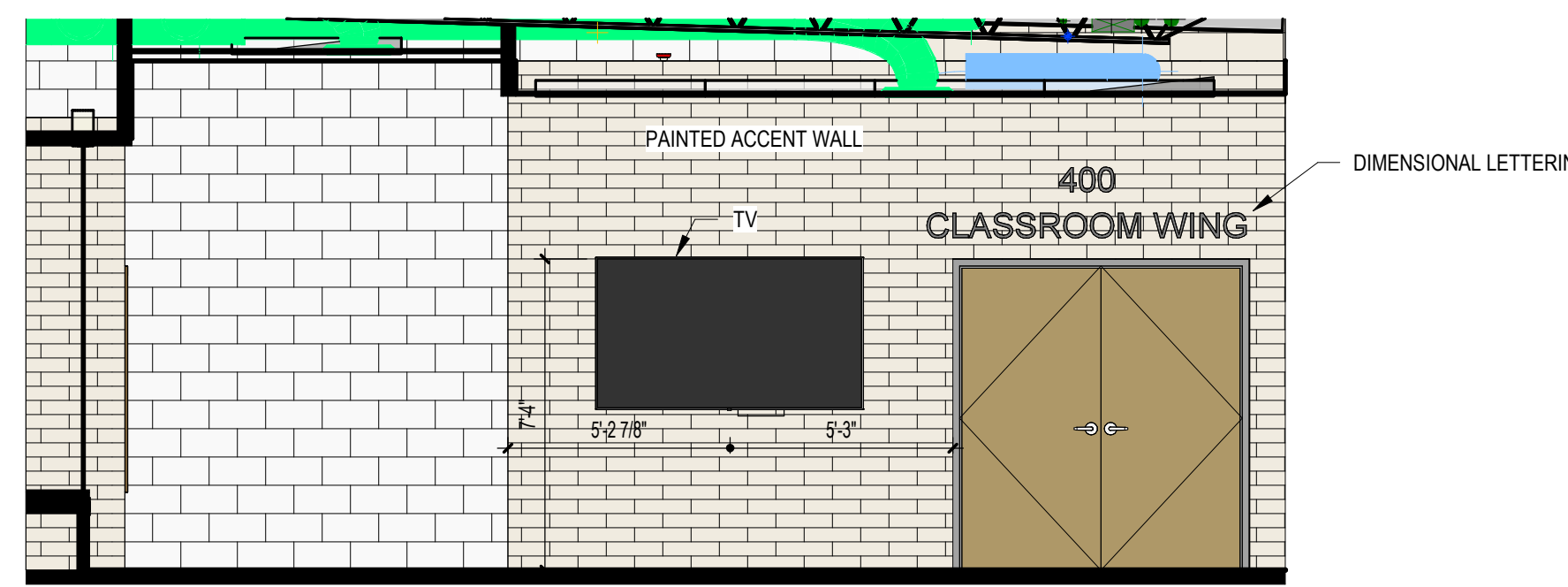
4 LOBBY ELEVATION-SOUTH
A402 SCALE: 1/4" = 1'-0"



5 OFFICE DESK ELEVATION
A402 SCALE: 1/4" = 1'-0"



9 LOBBY ELEVATION-EAST
A402 SCALE: 1/4" = 1'-0"



6 LOBBY ELEVATION-NORTH
A402 SCALE: 1/4" = 1'-0"

Harnett County Schools
**LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION**
855 Old US Highway 421, Lillington, NC 27546



No.	Date	Description

ISSUE DATE: 07-26-24
PROJECT #: 02110.300
DRAWN BY: JK
CHECKED BY: Checker
© 2024 SFL+a Architects, PA
All Rights Reserved

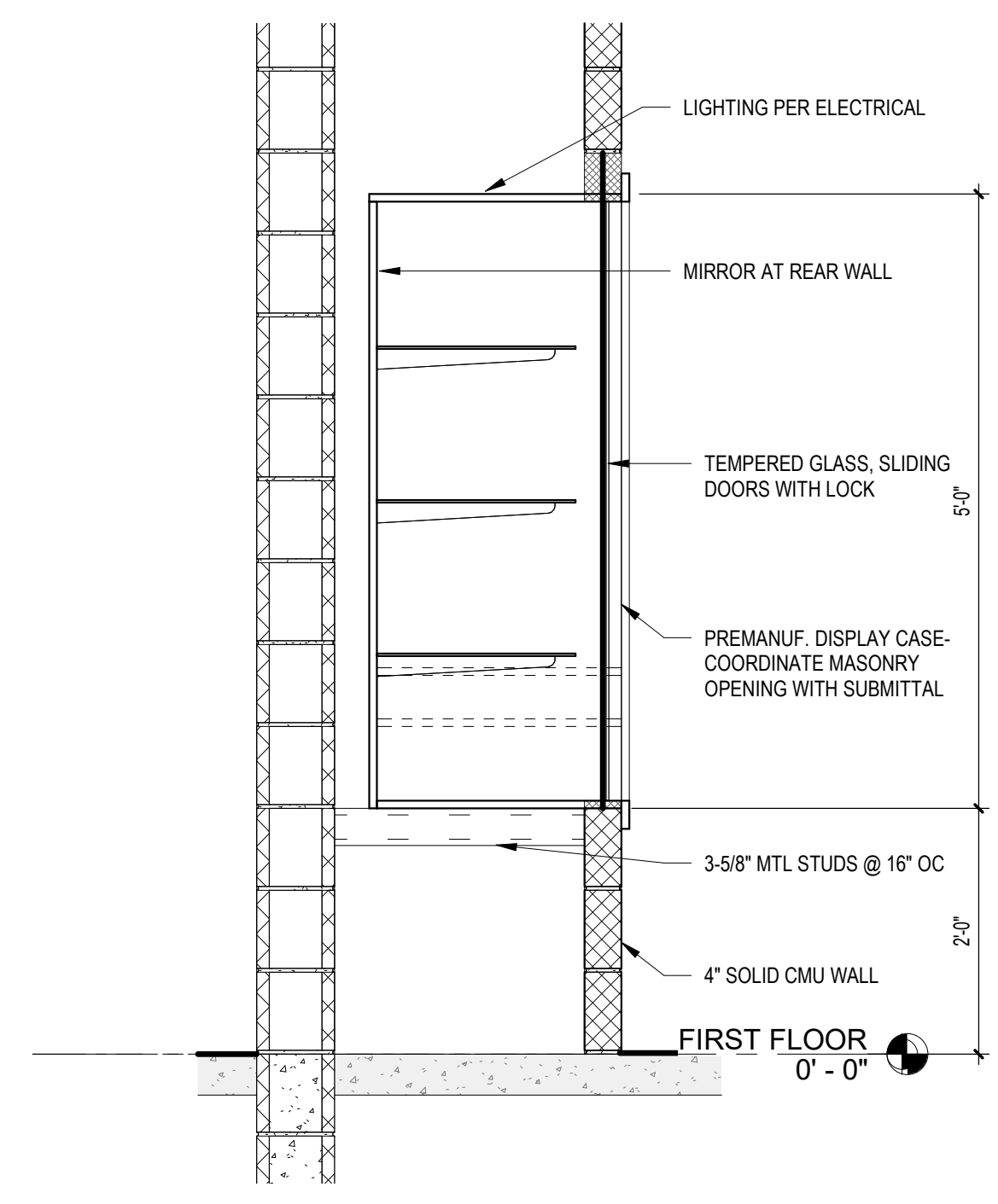
GYM & LOBBY
INTERIOR
ELEVATIONS

*A402

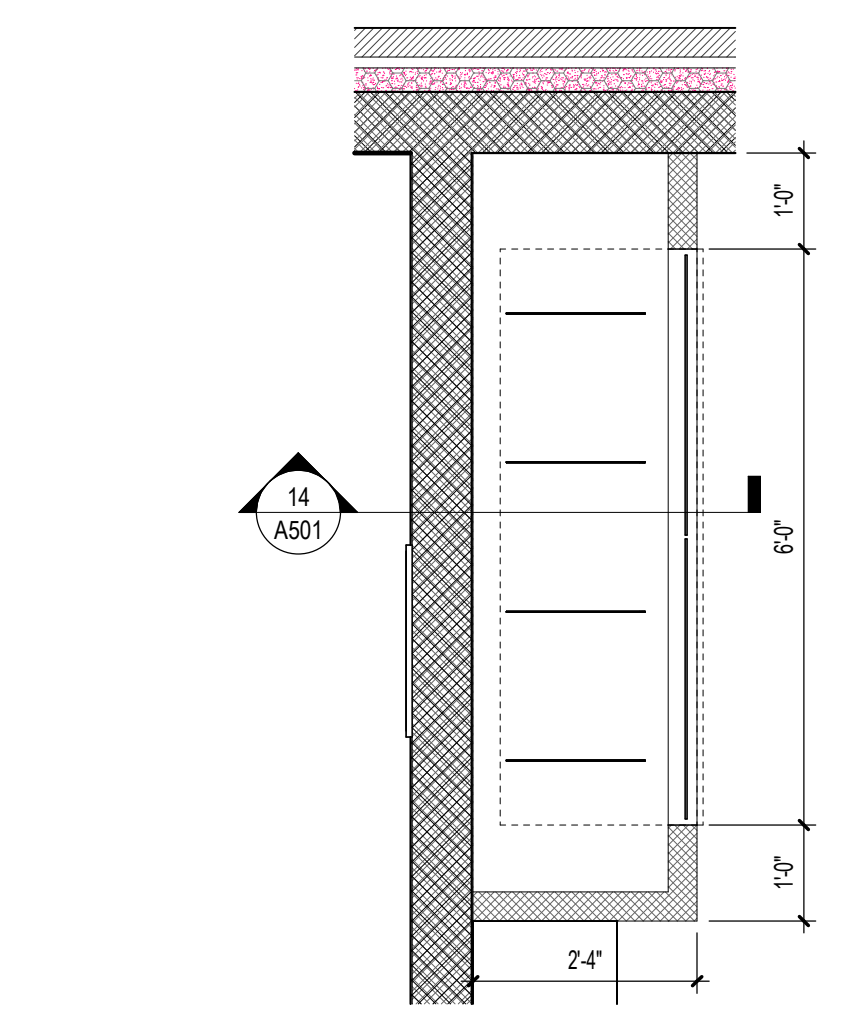
ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However, architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.

7/28/2024 7:37:49 AM Autodesk Docs://02110.300_Lillington-Shawtown ES/02110.300_Lillington-Shawtown ES Addition_Arch_A402_023.rvt

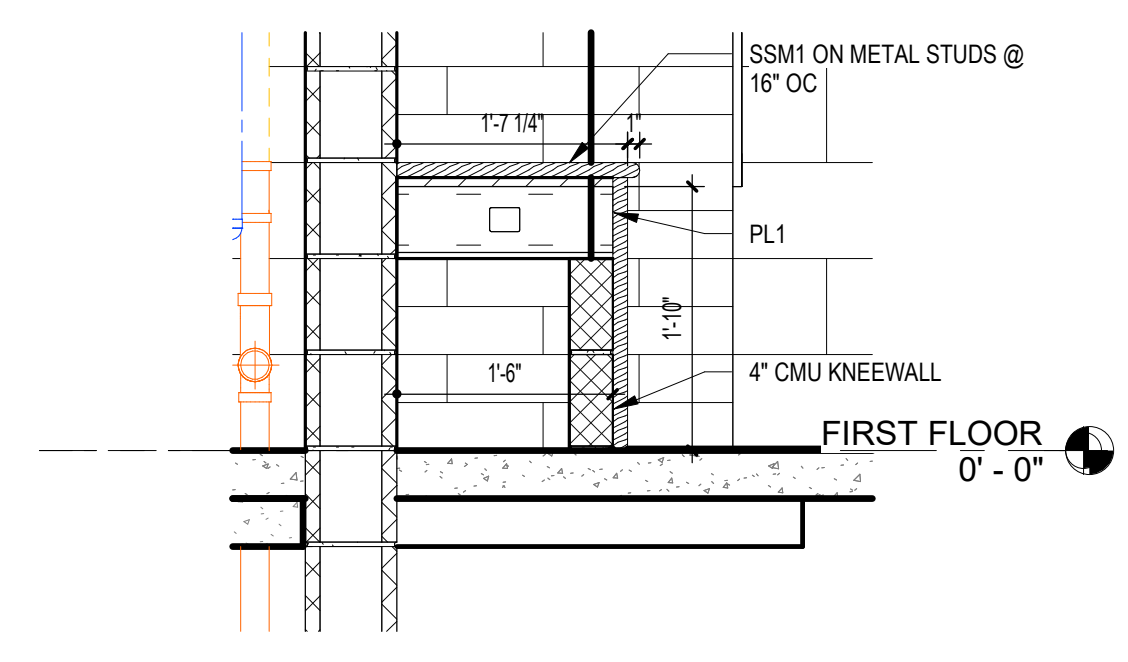
7/29/2024 7:37:52 AM Autodesk Docs://02110.300_Lillington-Shawtown ES/02110.300_Lillington-Shawtown ES Addition_Arch_023.rvt



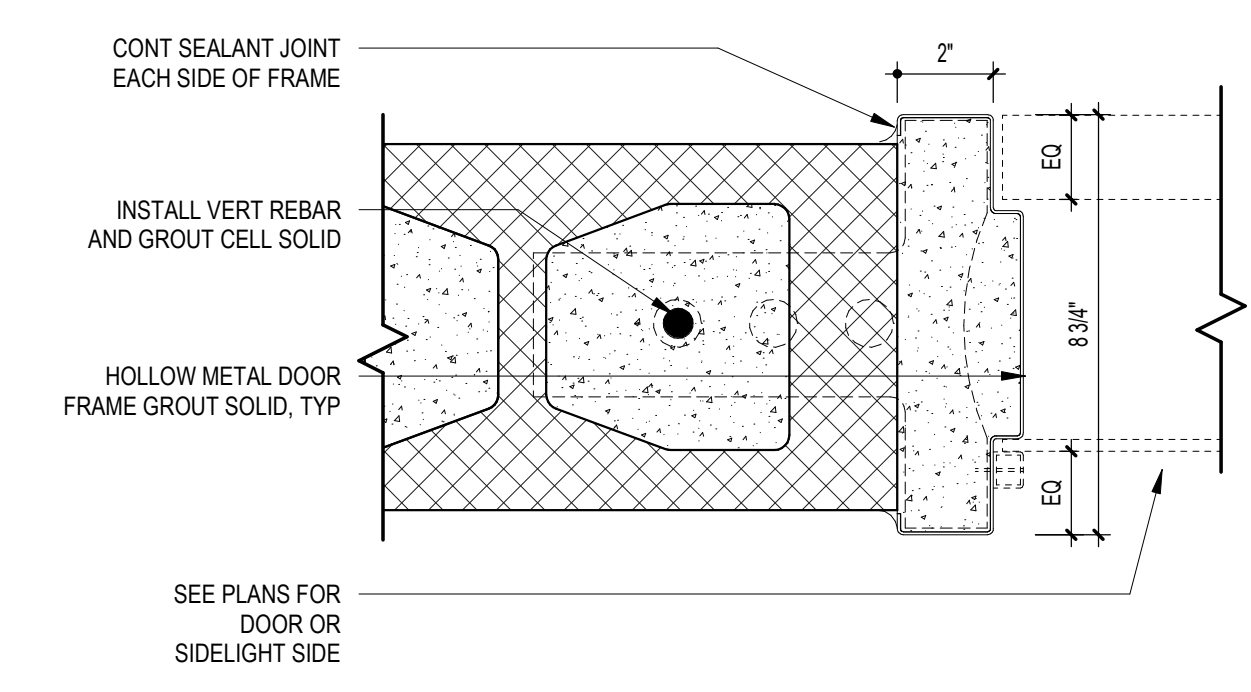
14 TROPHY CASE SECTION
SCALE: 3/4" = 1'-0"



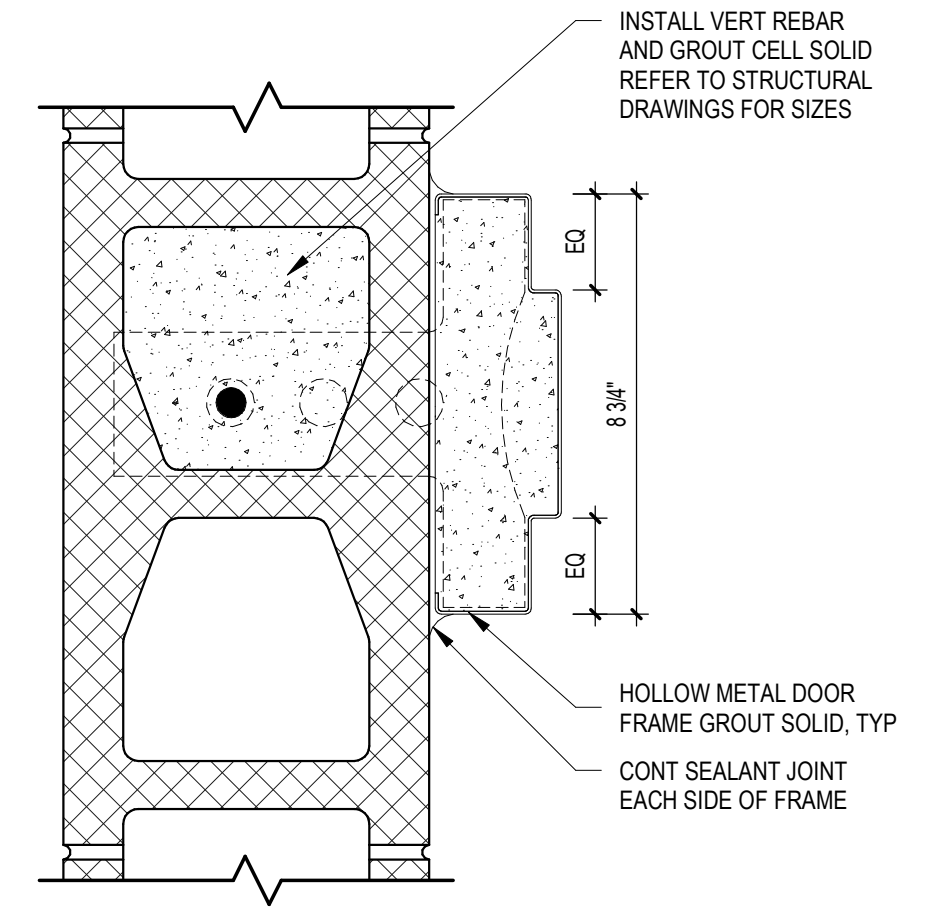
13 TROPHY CASE ENLARGED PLAN
SCALE: 1/2" = 1'-0"



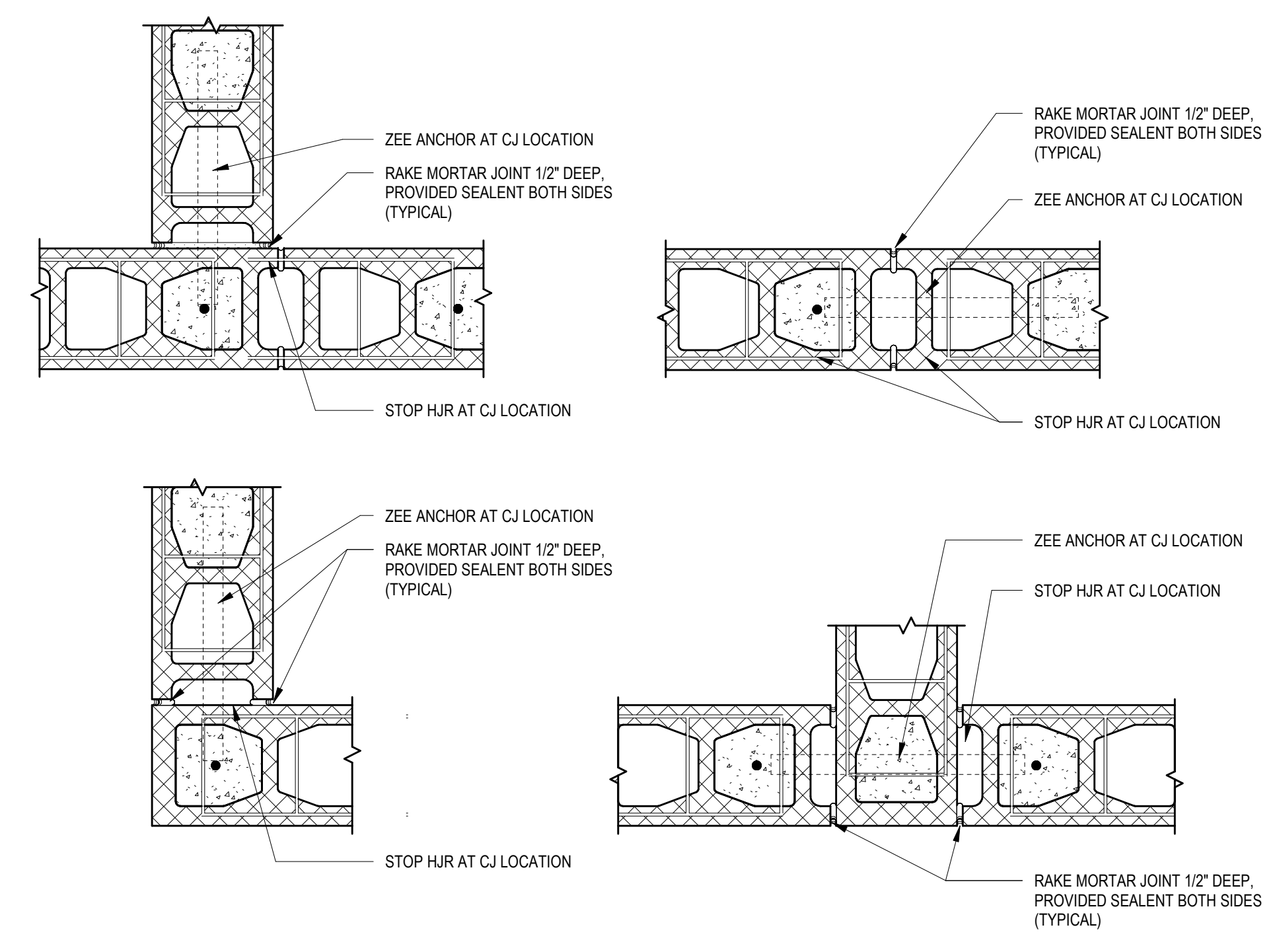
12 LOBBY BENCH DETAIL
SCALE: 3/4" = 1'-0"



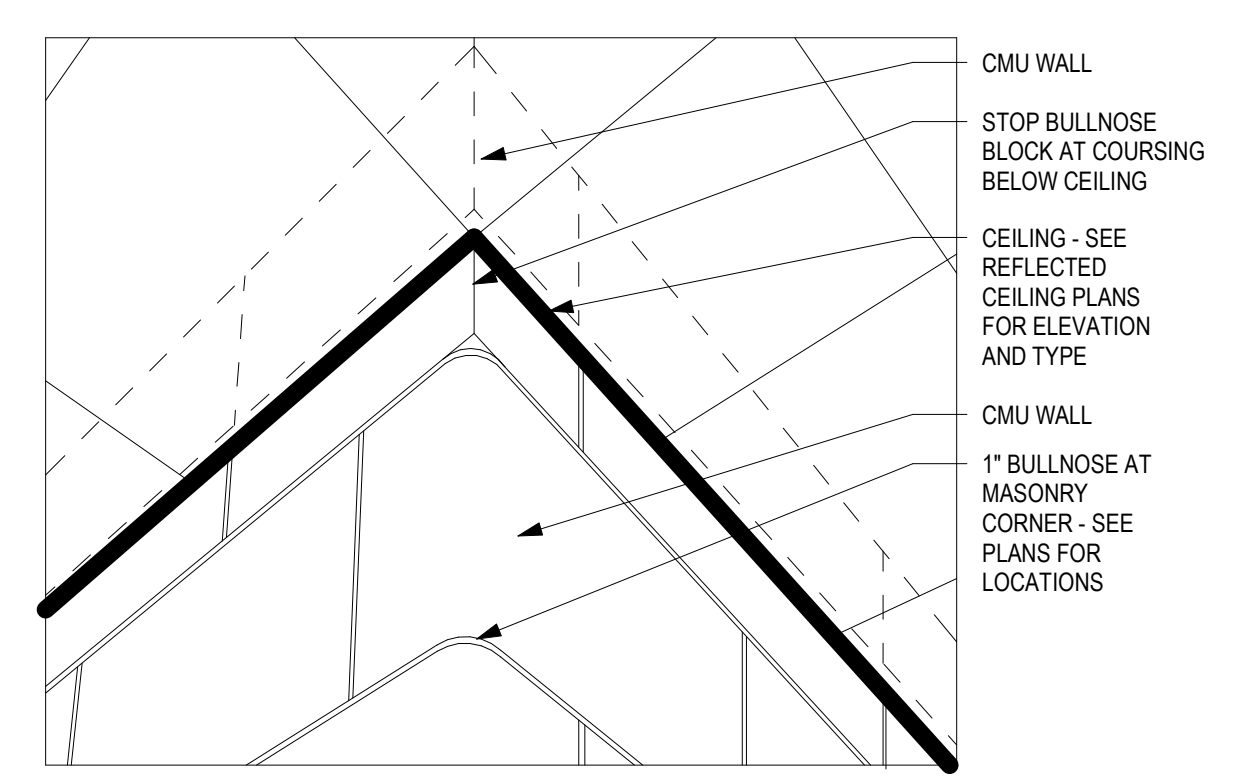
9 CMU END WALL DOOR JAMB
SCALE: 3" = 1'-0"



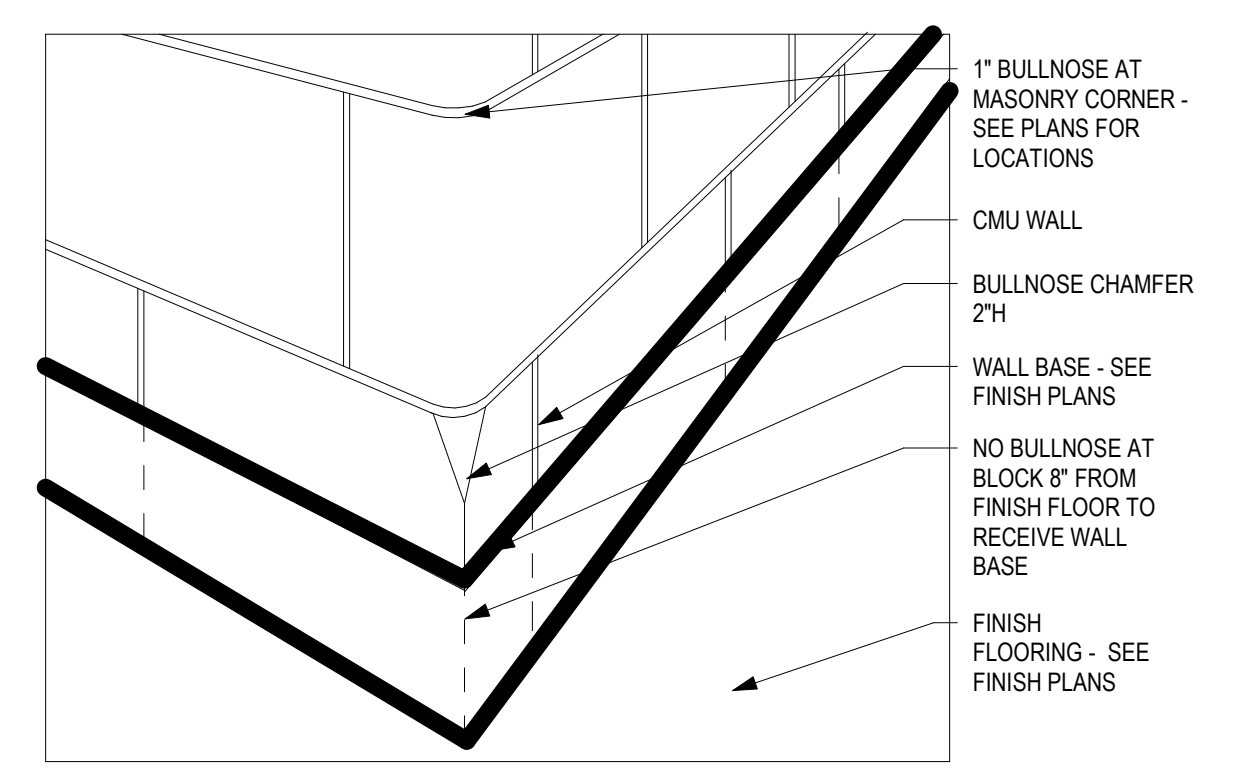
8 CMU DOOR JAMB
SCALE: 3" = 1'-0"



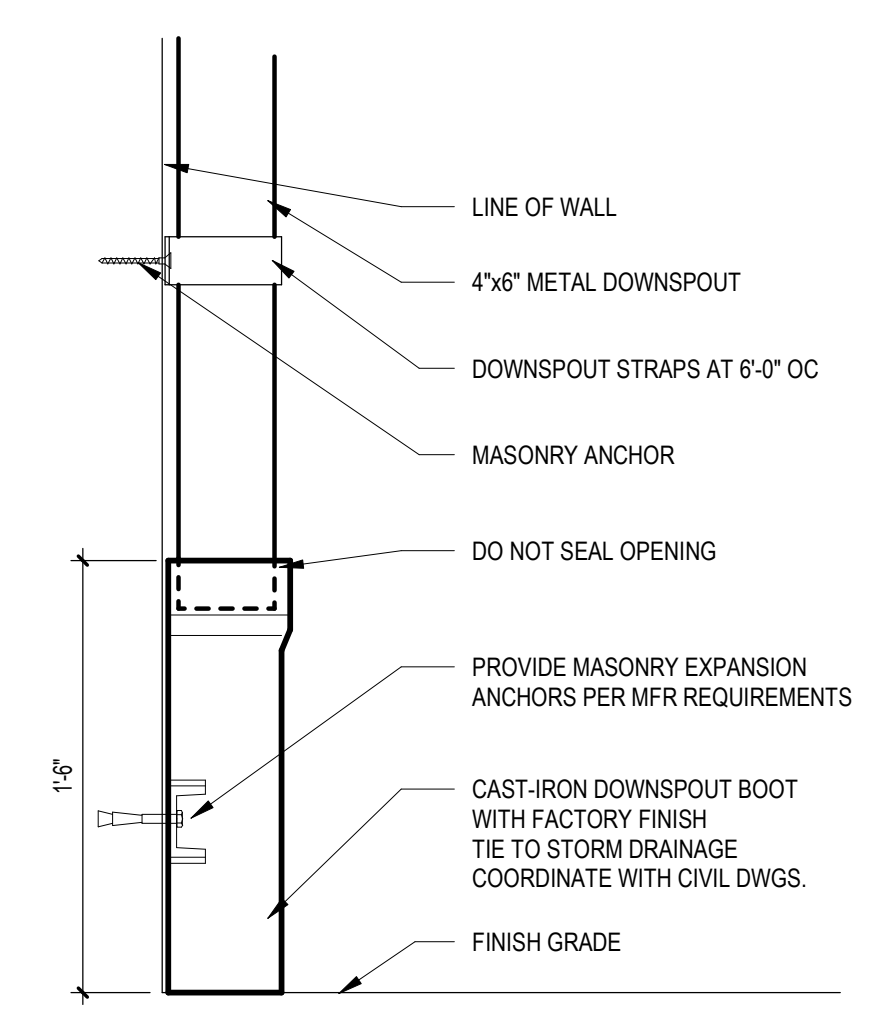
7 CONTROL JOINT DETAIL (TYPICAL CMU CONDITIONS)
SCALE: 1 1/2" = 1'-0"



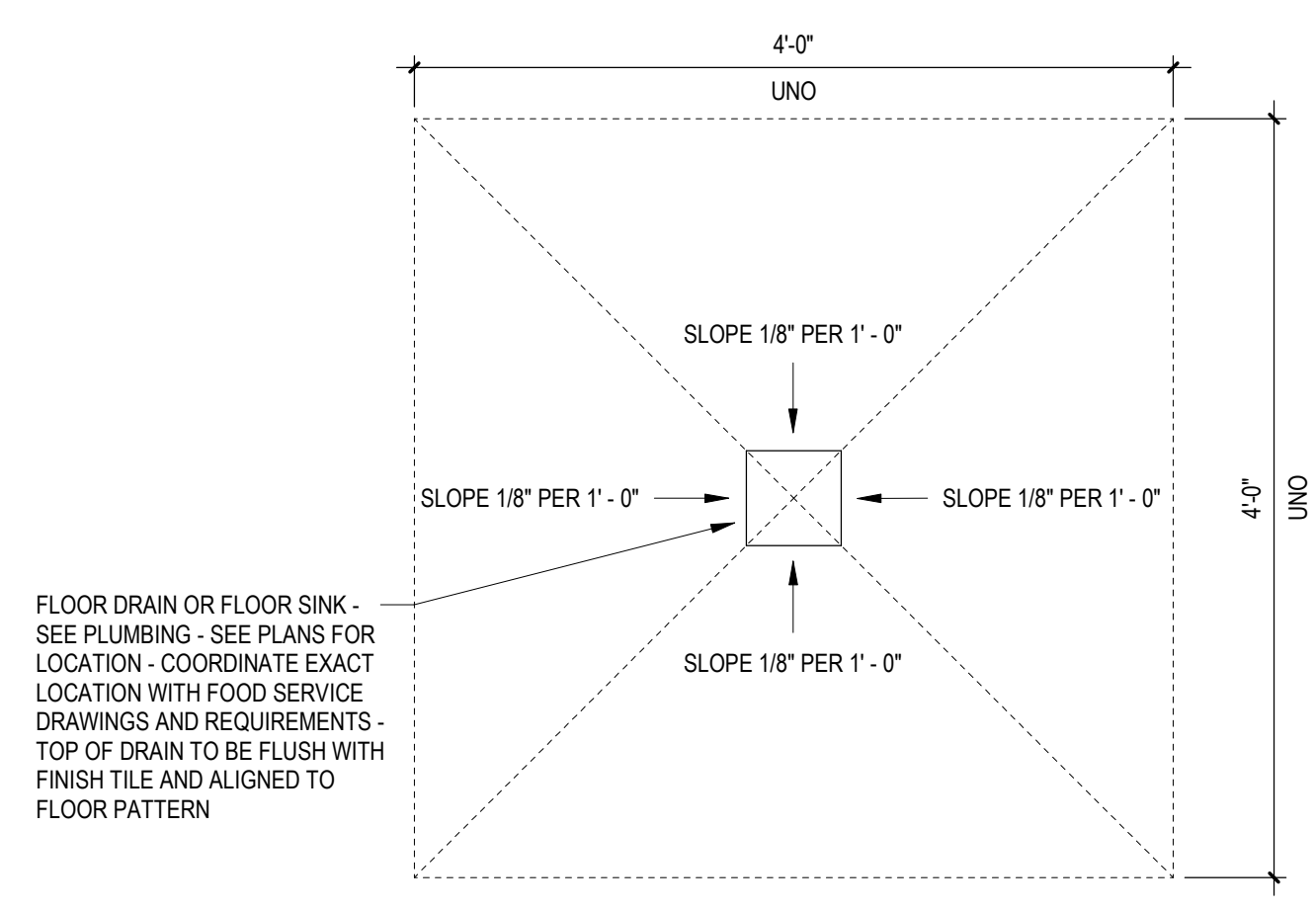
11 1\"/>



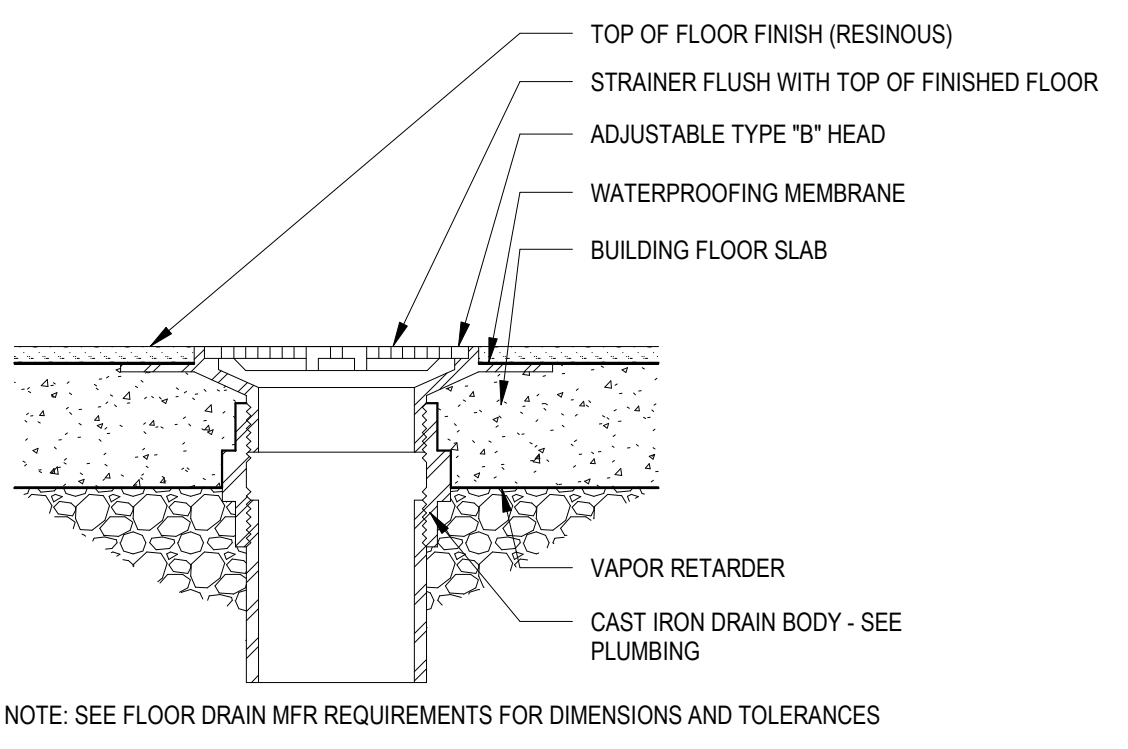
10 1\"/>



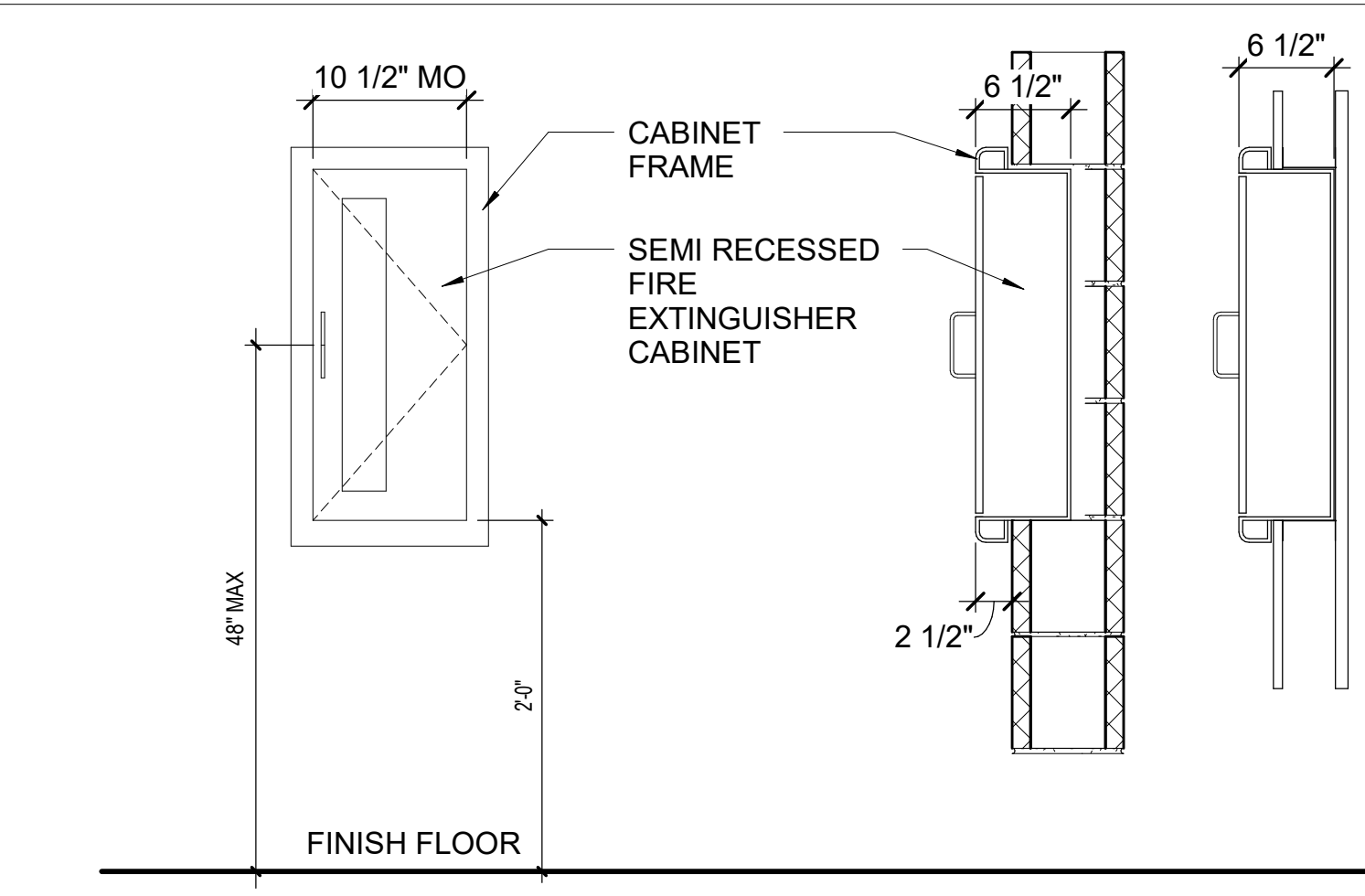
3 DOWNSPOUT BOOT
SCALE: 1 1/2" = 1'-0"



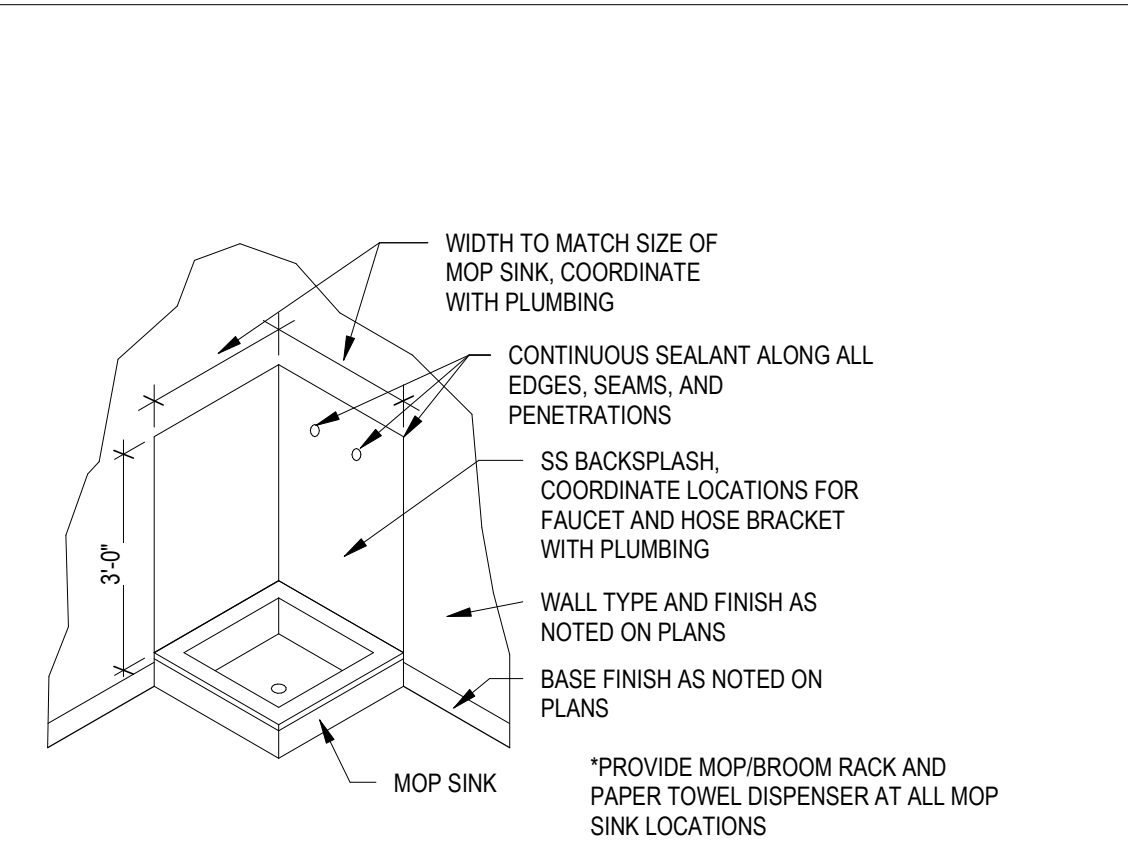
6 FLOOR DRAIN SLOPE DETAIL
SCALE: 1" = 1'-0"



2 FLOOR DRAIN DTL.
SCALE: 3" = 1'-0"



5 FE CABINET DETAIL
SCALE: 1" = 1'-0"



1 MOP SINK DTL
SCALE: 3/8" = 1'-0"

...Becoming the
Leading Designer of
High Performance Facilities
in the Nation with a
Specialty in Alternative
Delivery Methods

333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.4350
F: 919.573.4355
www.sfl+a.com

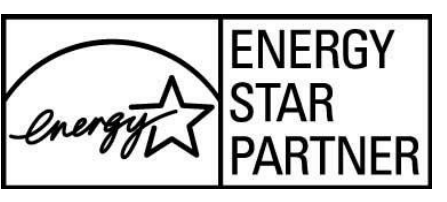
sfl+a
ARCHITECTS

CERT. NO. 50076
SOUTH CAROLINA
REGISTERED ARCHITECT

PROBERT WA FERRELL
REGISTERED ARCHITECT
NORTH CAROLINA
RALEIGH, N.C.

CONSTRUCTION DOCUMENTS

Harnett County Schools
**LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION**
855 Old US Highway 421, Lillington NC 27546



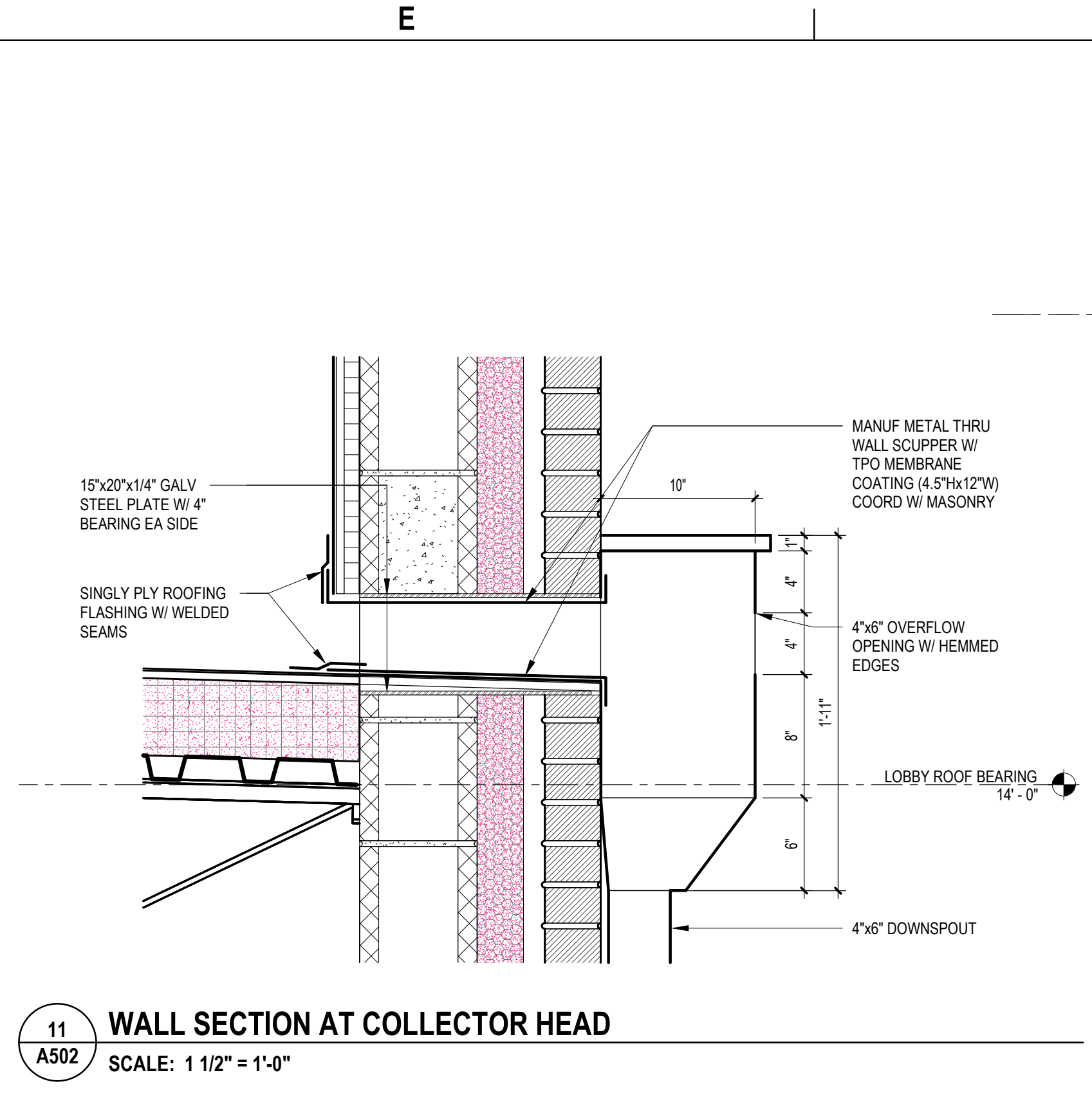
No.	Date	Description

ISSUE DATE: 07-26-24
PROJECT #: 02110.300
DRAWN BY: CF
CHECKED BY: Checker
© 2024 Sfl+a Architects, PA
All Rights Reserved

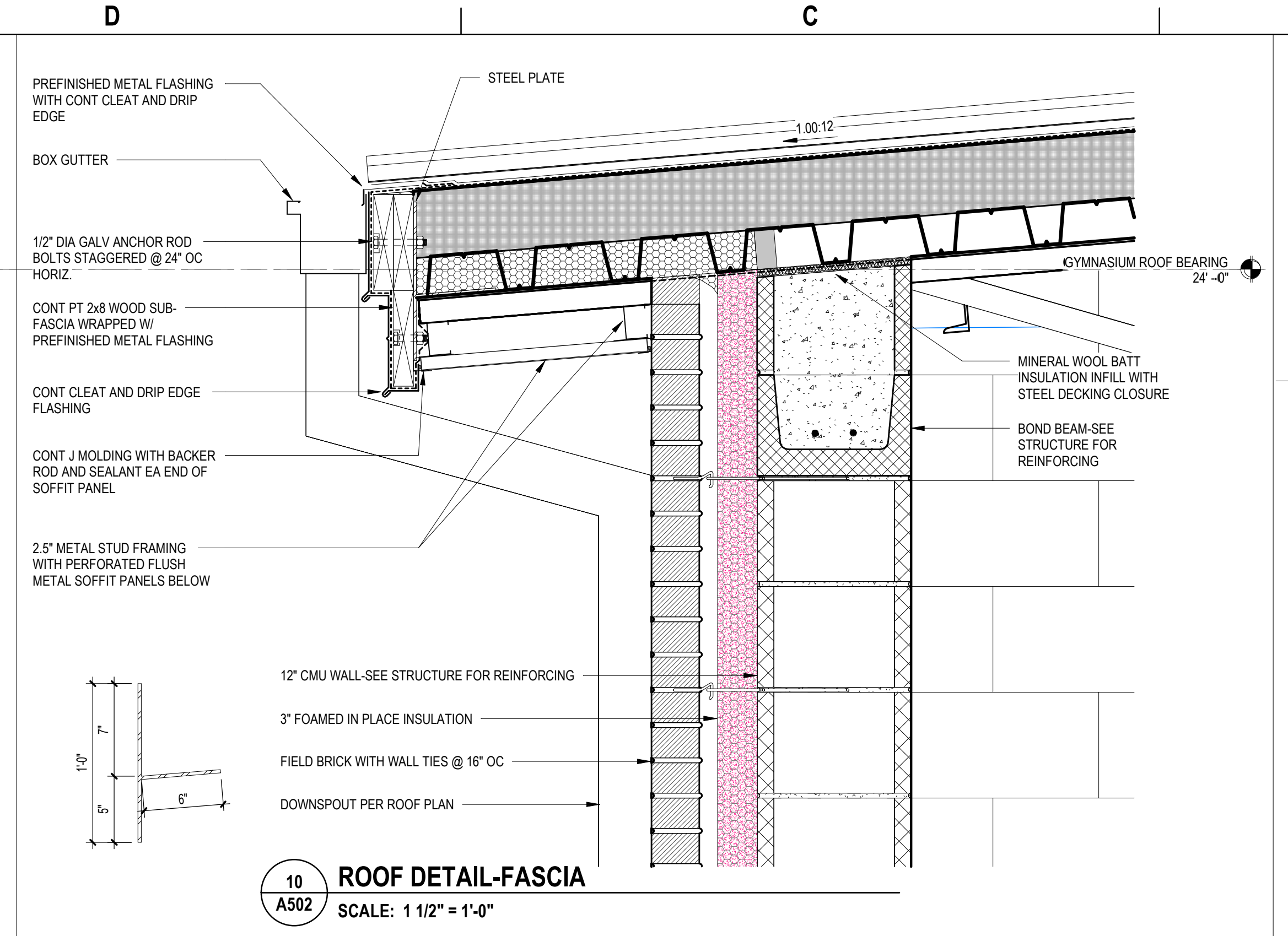
DETAILS-INTERIOR & MISC

A501

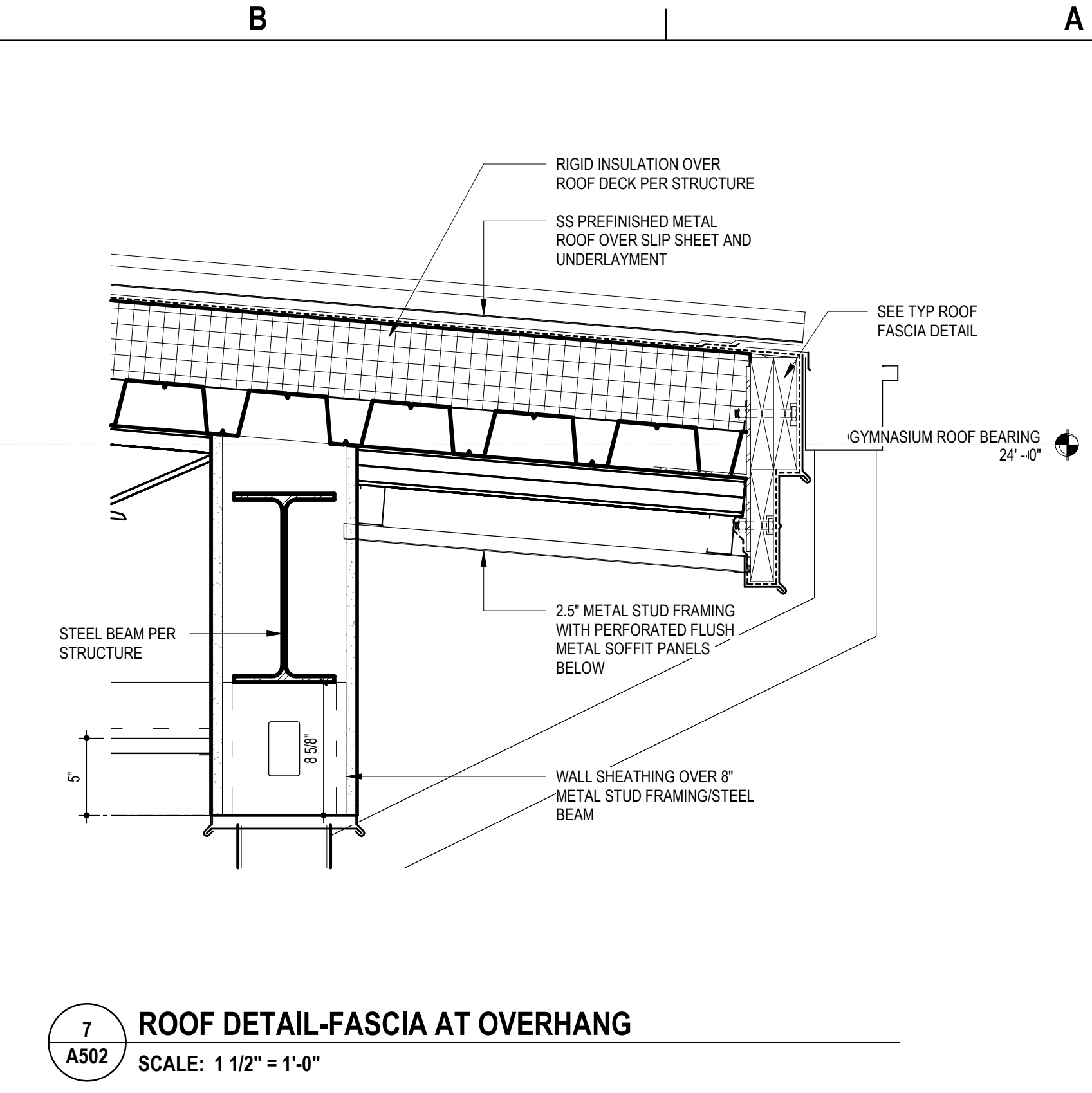
ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However, architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.



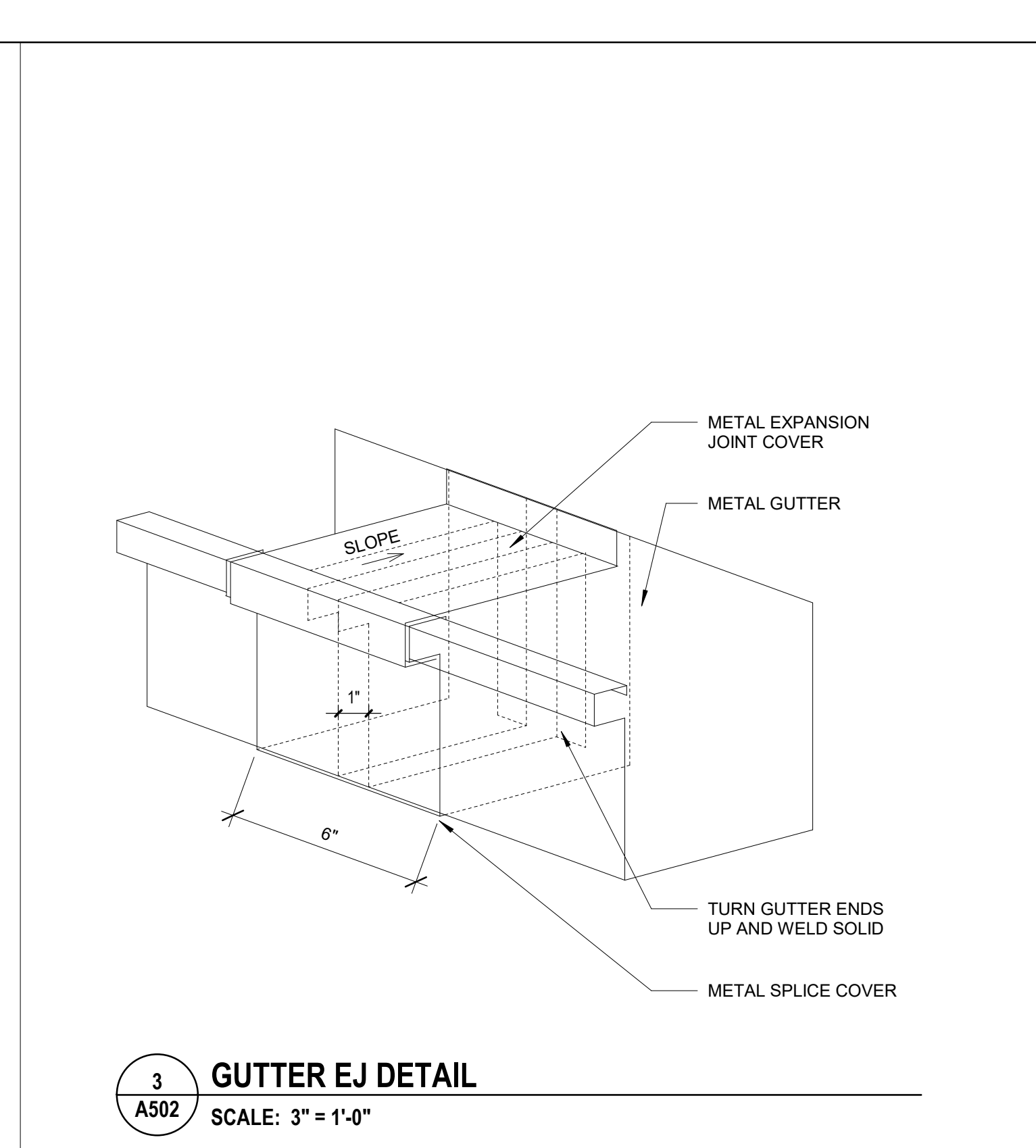
11 WALL SECTION AT COLLECTOR HEAD
SCALE: 1 1/2" = 1'-0"



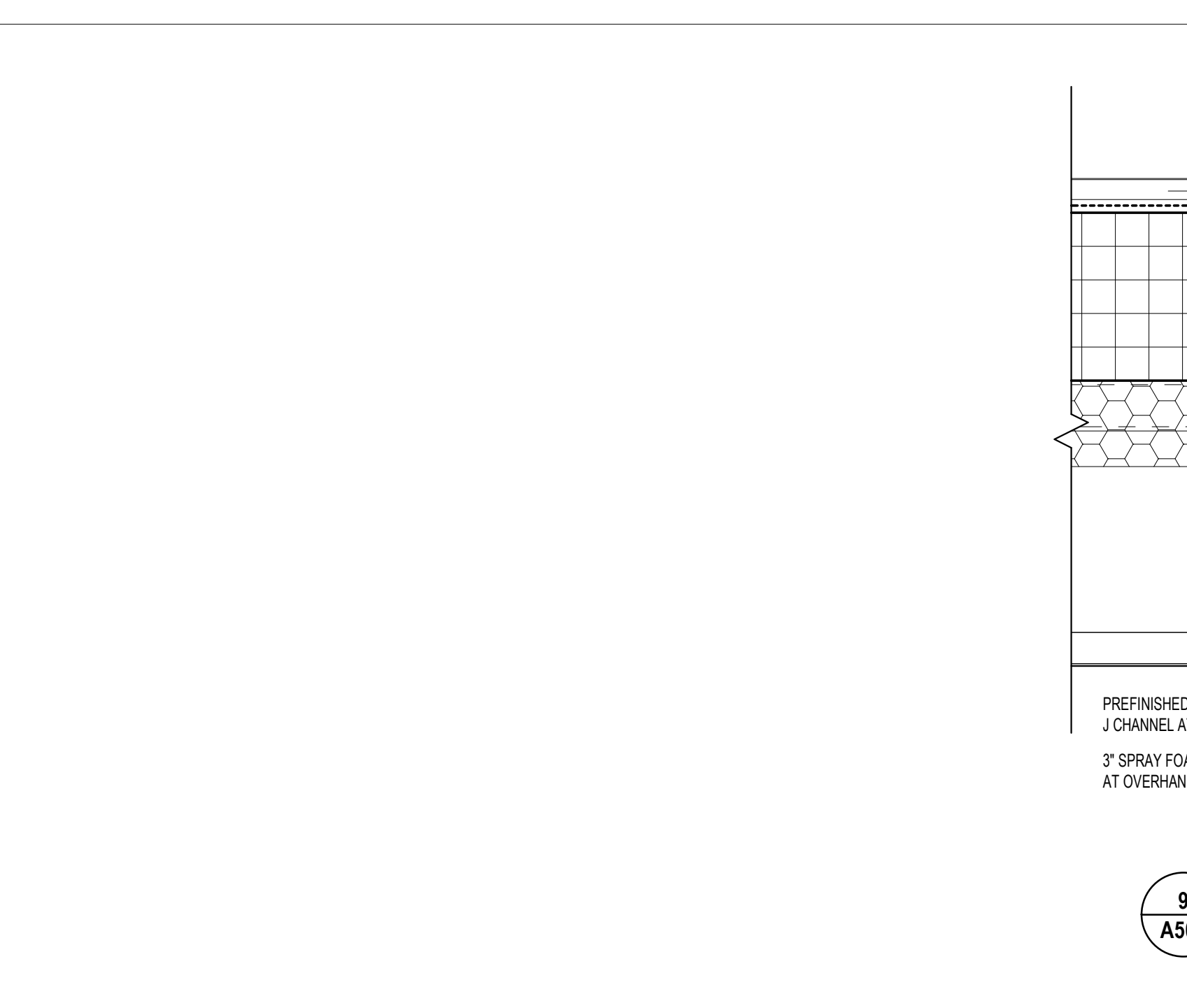
10 ROOF DETAIL-FASCIA
SCALE: 1 1/2" = 1'-0"



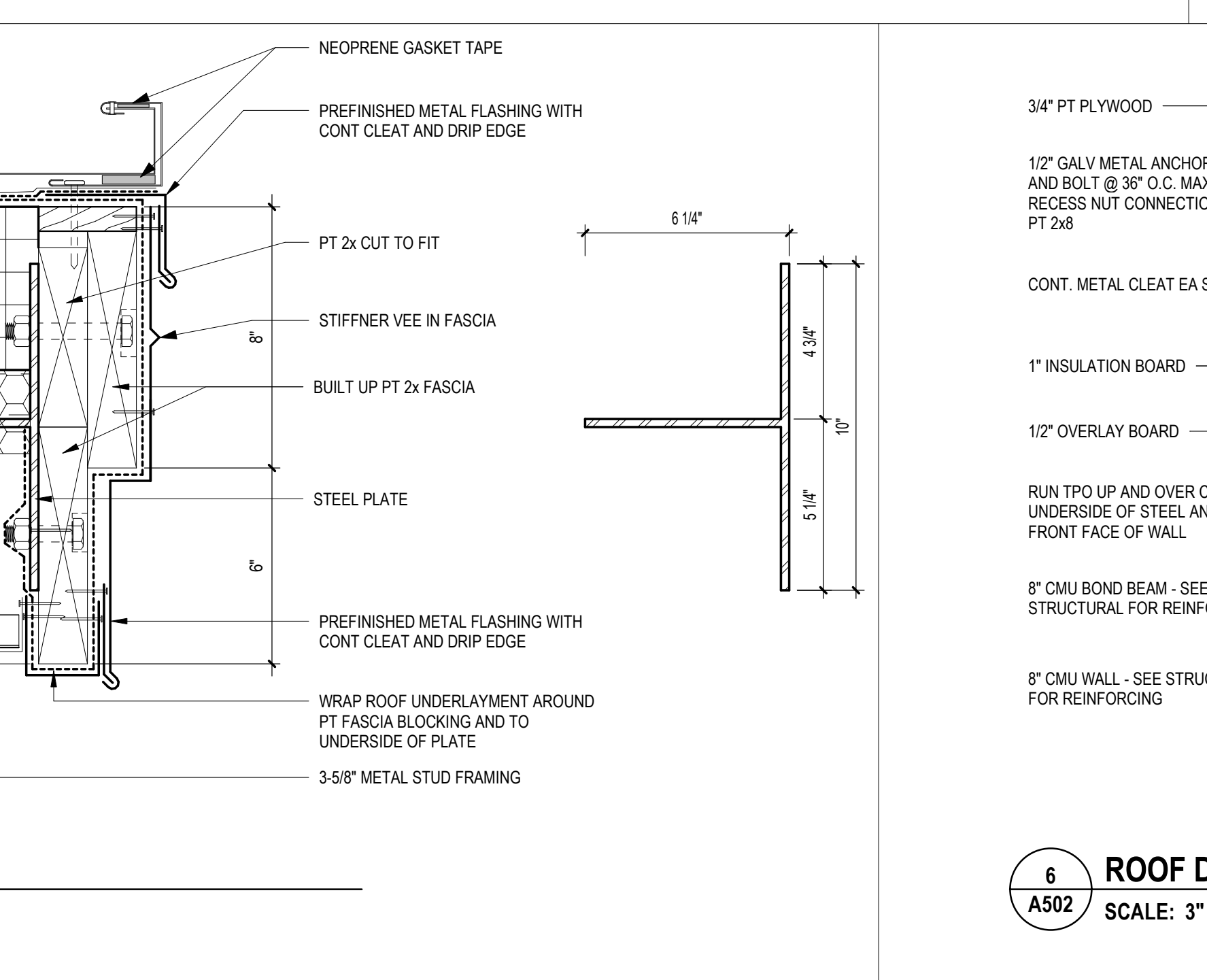
7 ROOF DETAIL-FASCIA AT OVERHANG
SCALE: 1 1/2" = 1'-0"



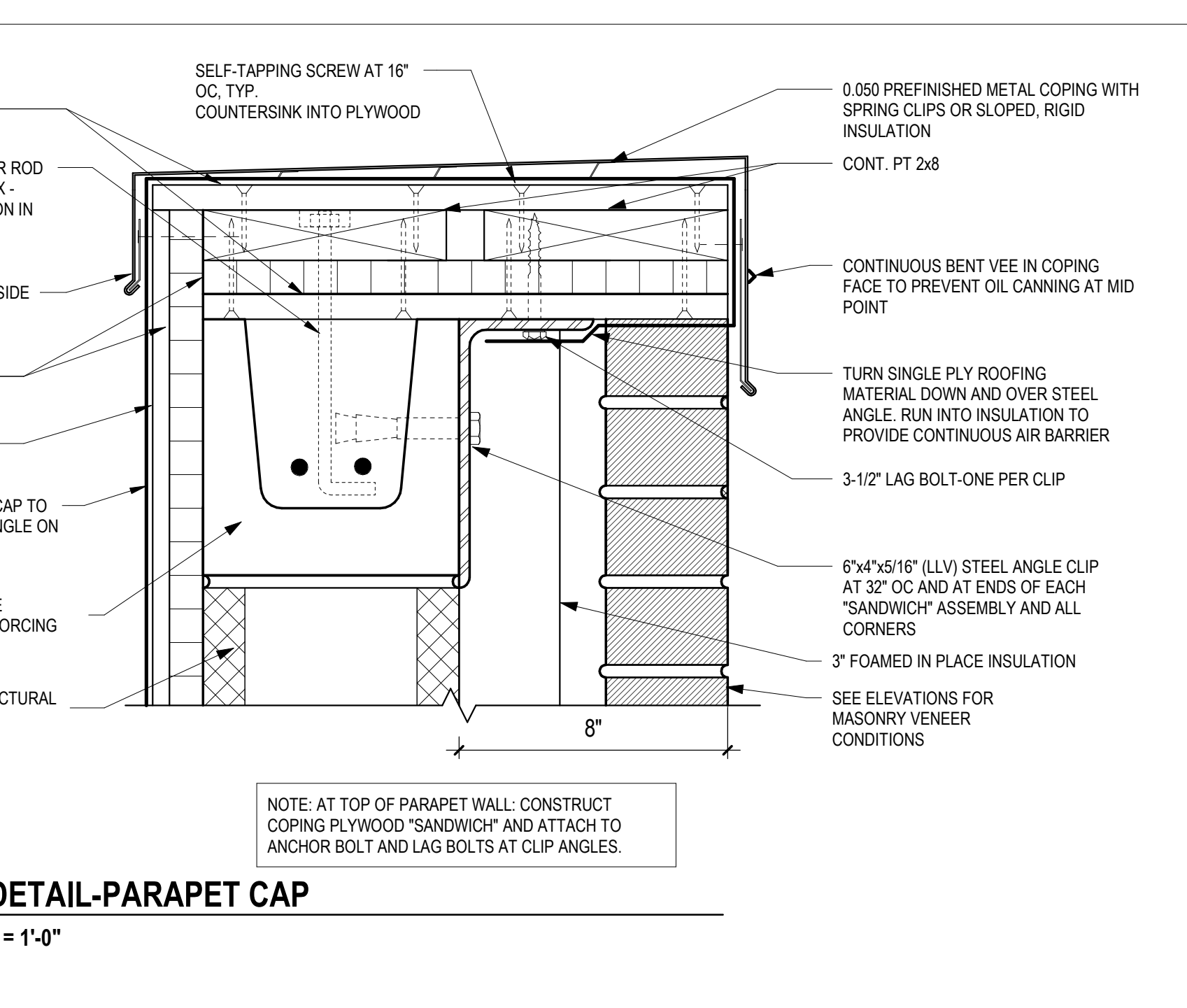
3 GUTTER EJ DETAIL
SCALE: 3" = 1'-0"



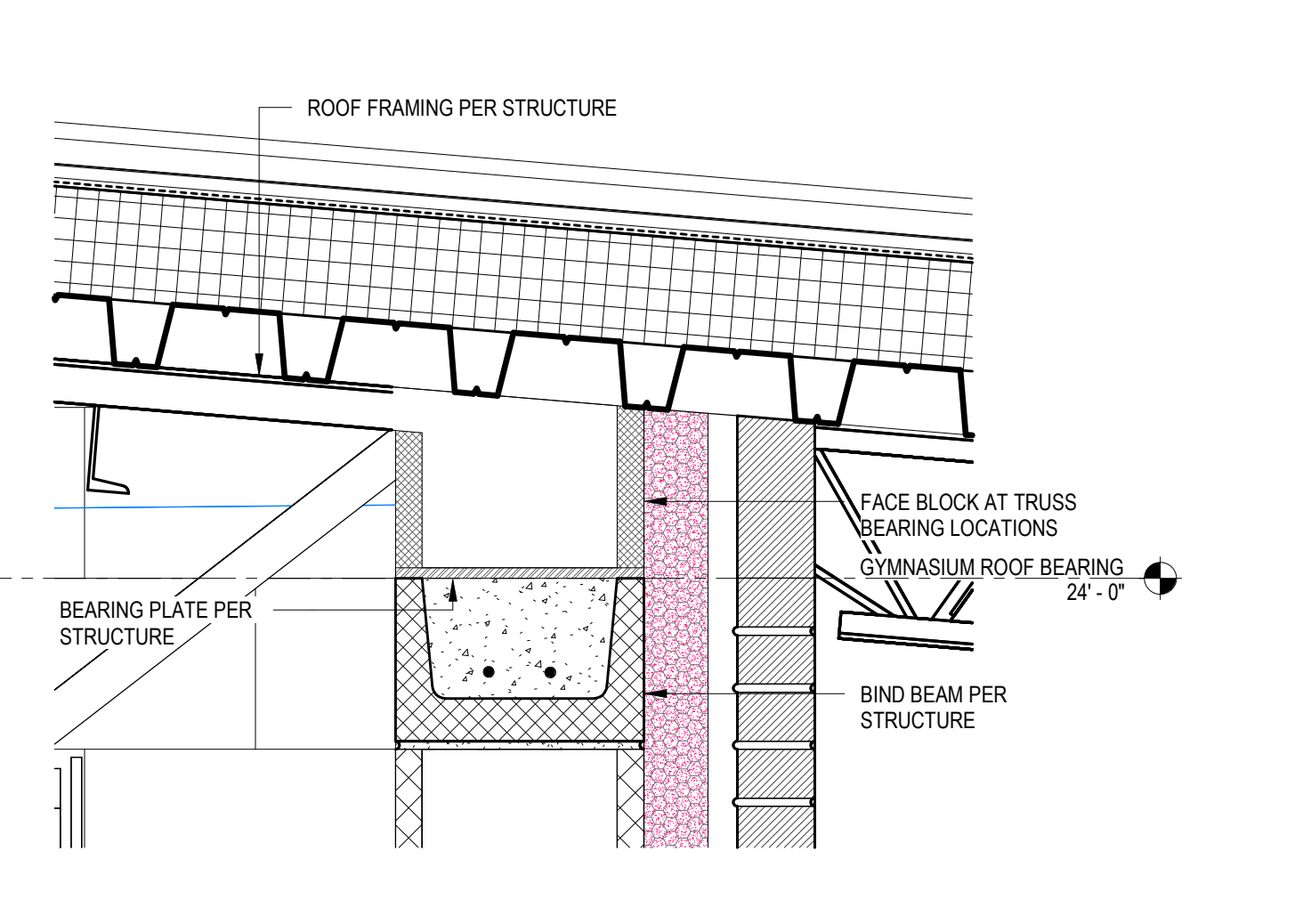
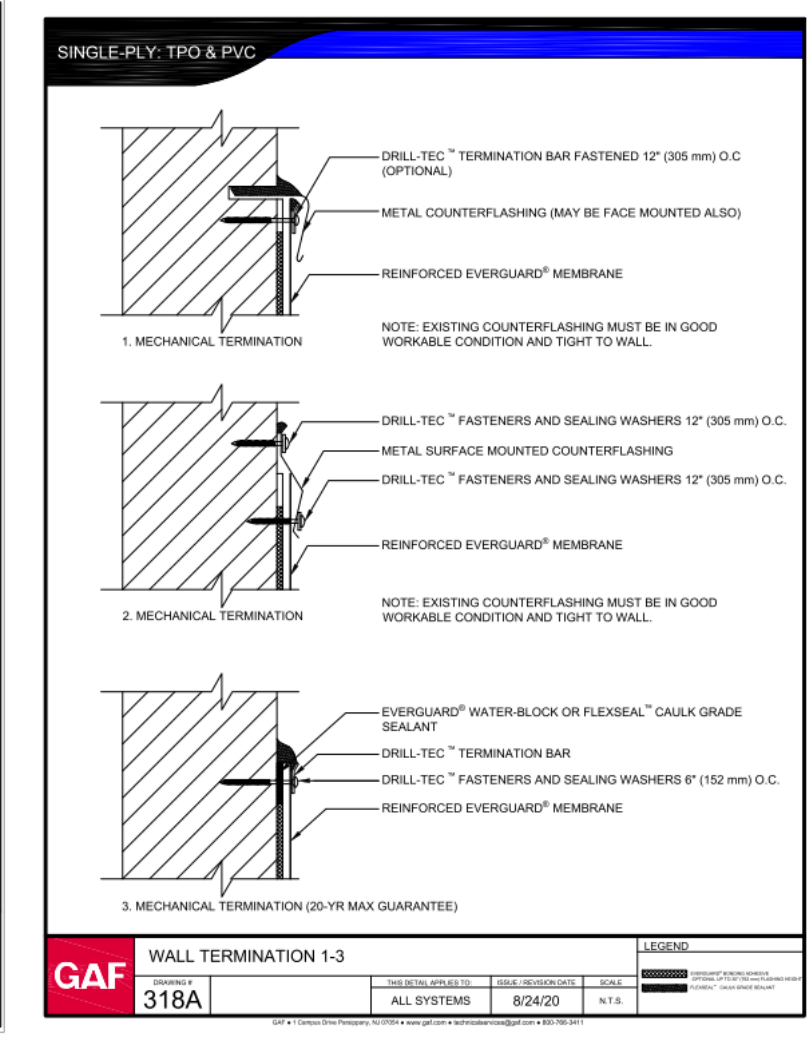
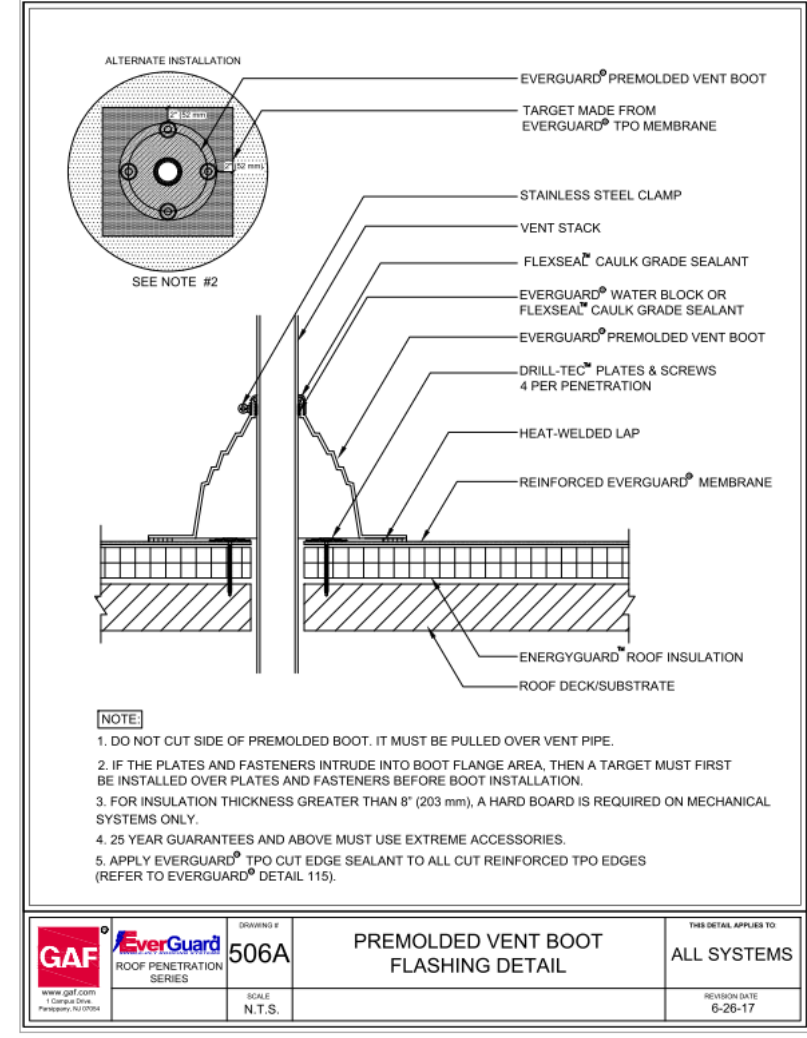
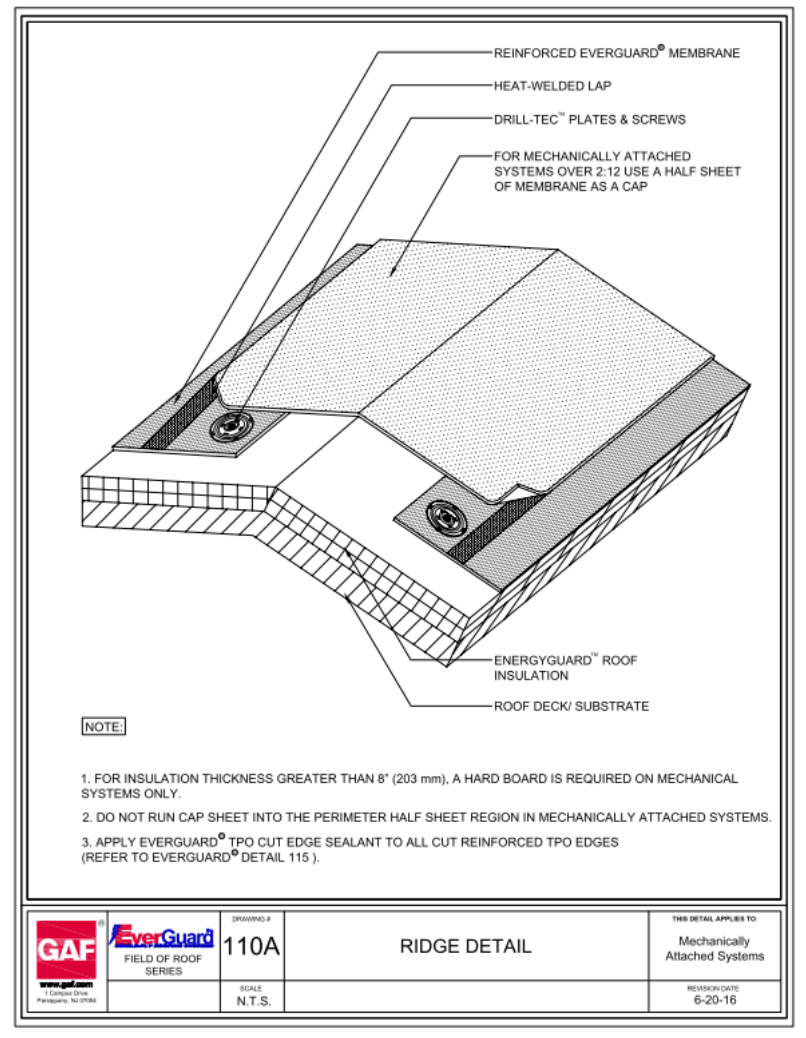
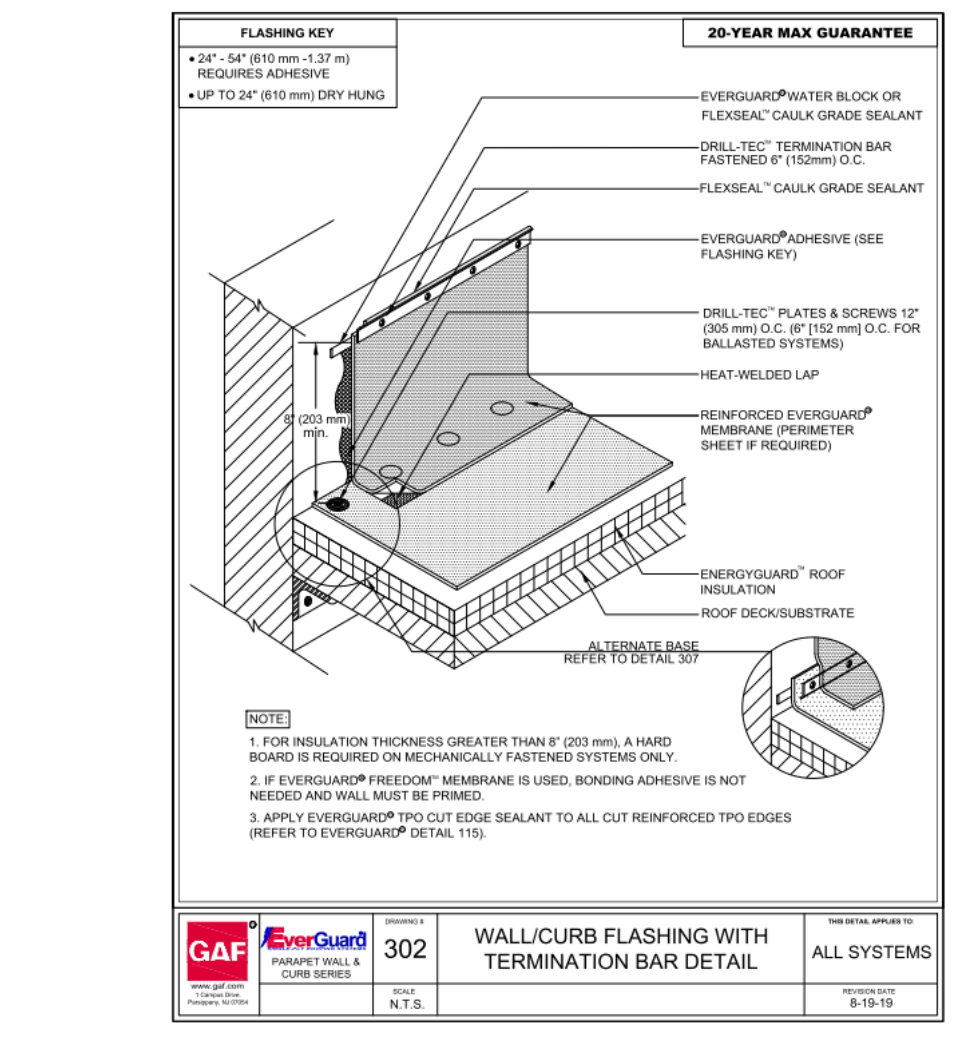
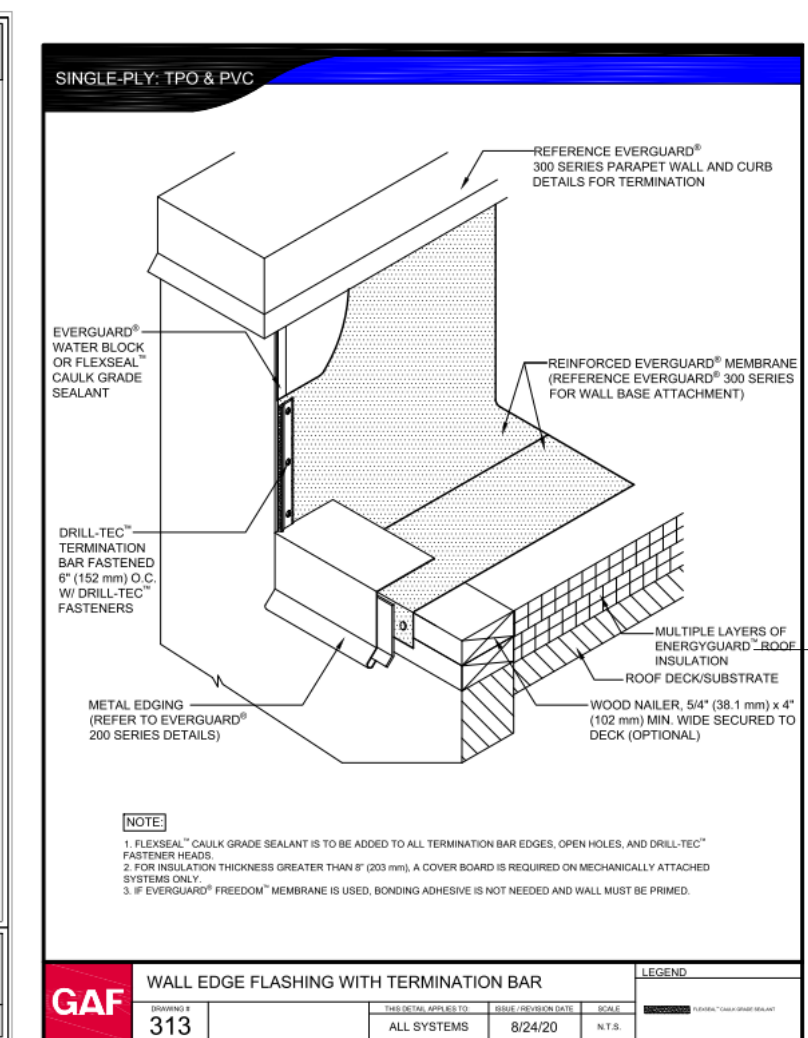
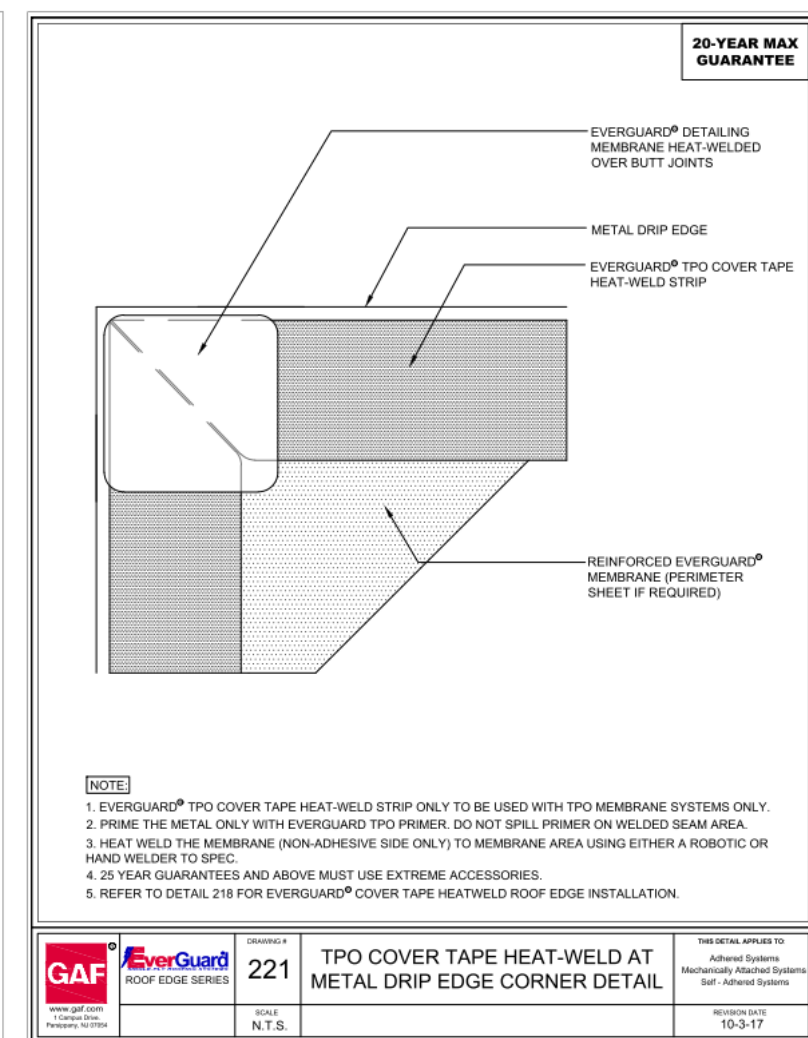
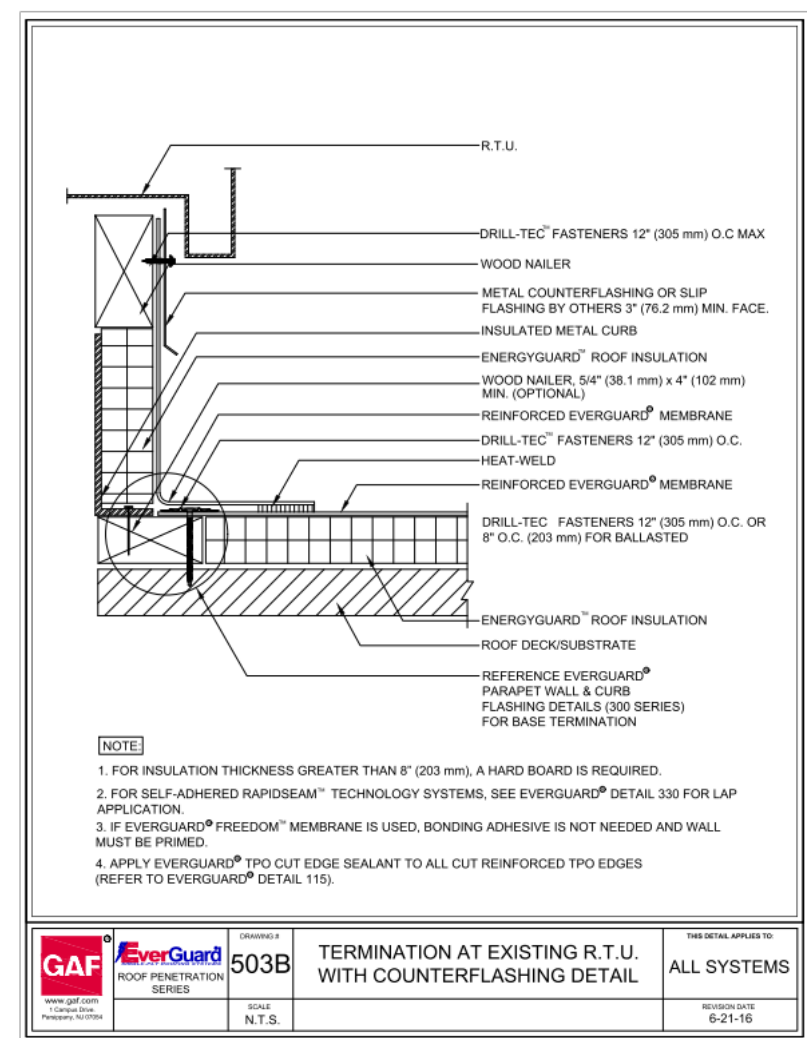
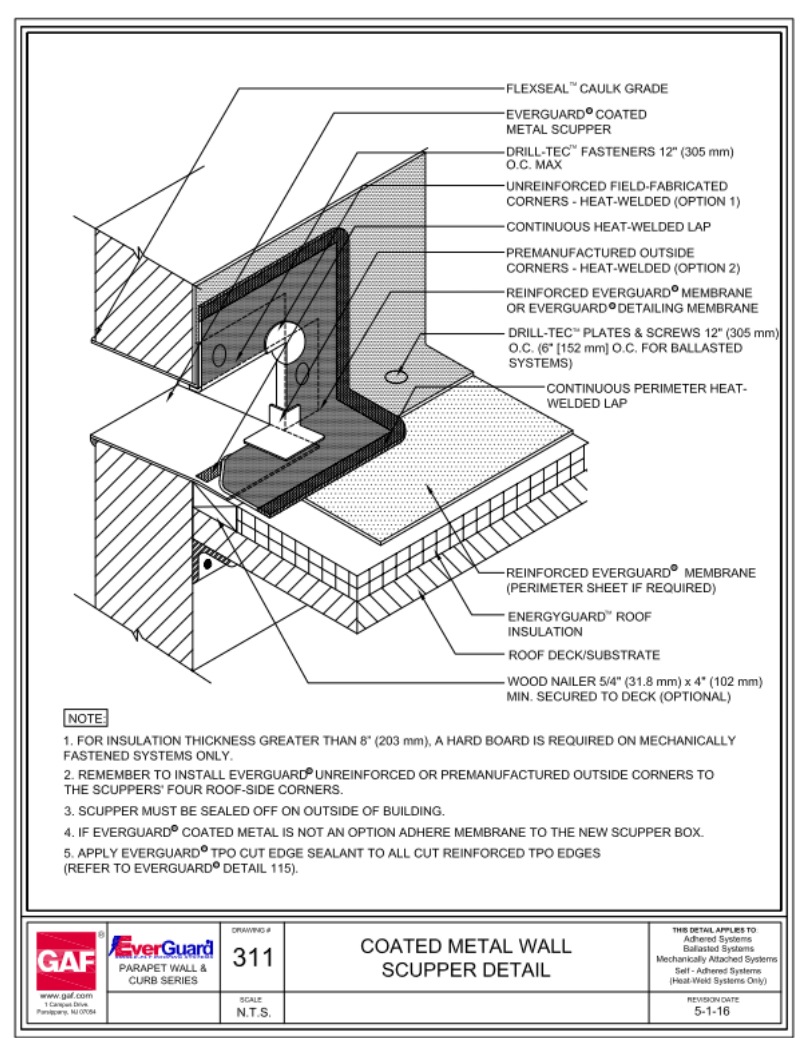
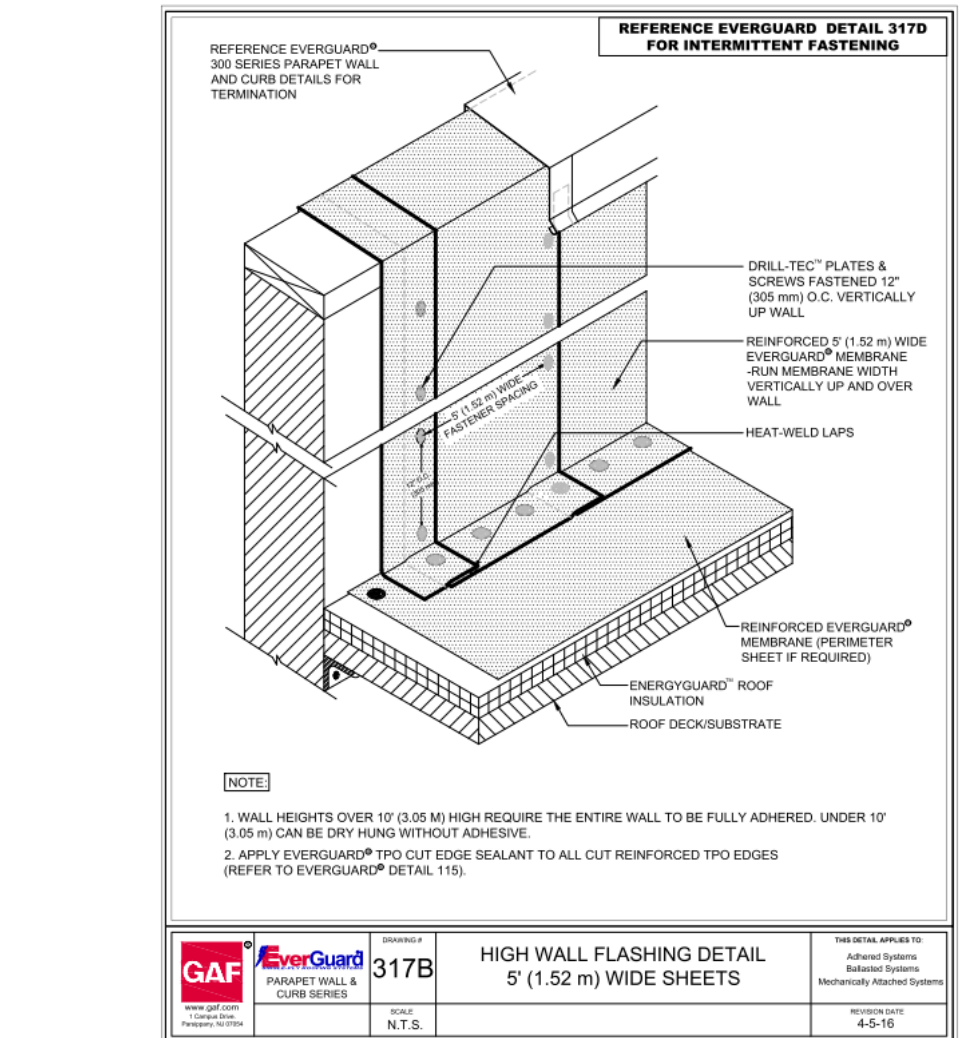
9 ROOF DETAIL-RAKE
SCALE: 3" = 1'-0"



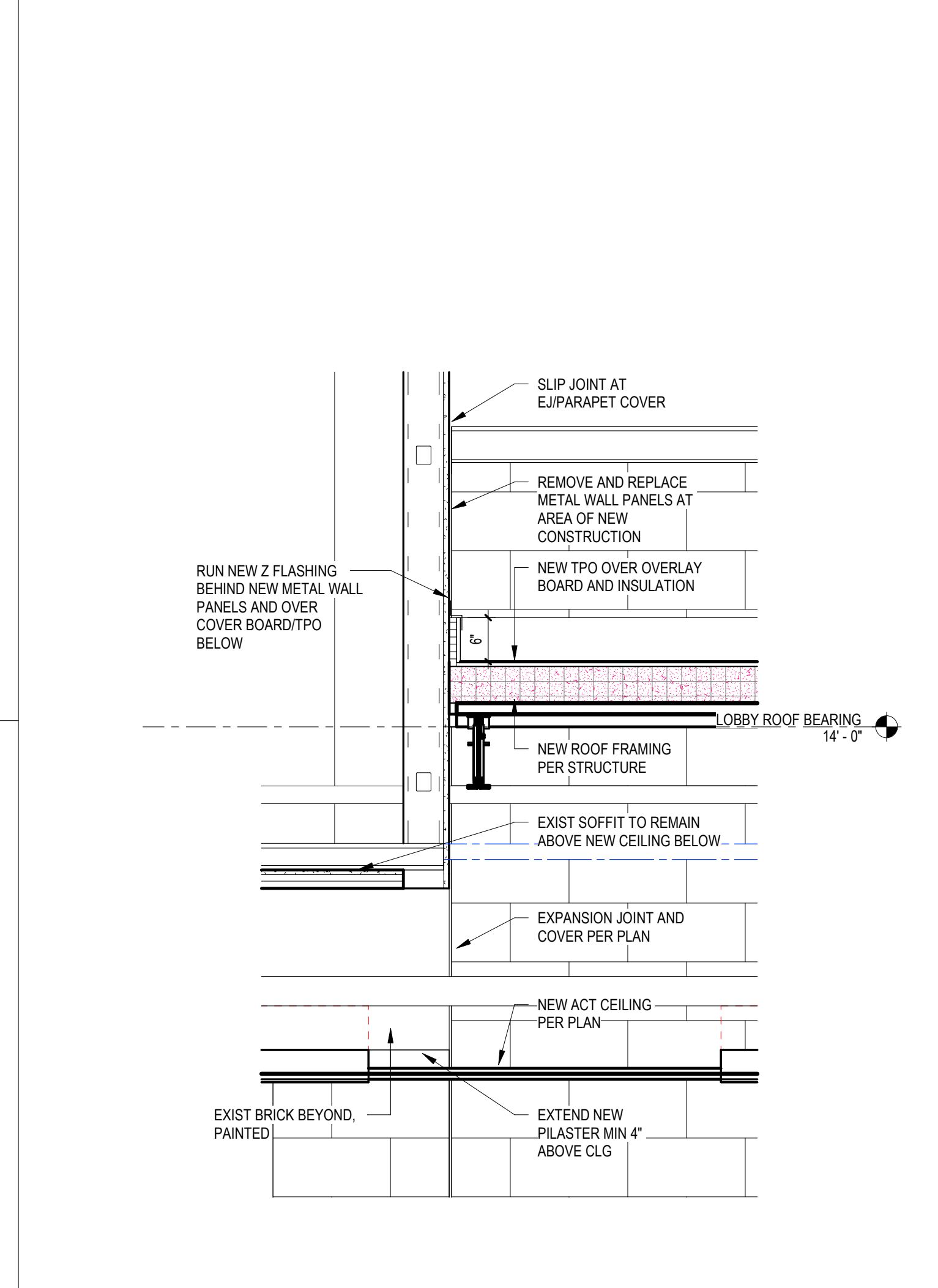
6 ROOF DETAIL-PARAPET CAP
SCALE: 3" = 1'-0"



2 WALL/ROOF ENLARGED DETAIL
SCALE: 3/4" = 1'-0"



5 GYMNASIUM TOP OF WALL DETAIL
SCALE: 1 1/2" = 1'-0"



1 NEW ROOF AT EXISTING WALL
SCALE: 3/4" = 1'-0"

8 ROOF DETAILS-TPO
SCALE: 6" = 1'-0"

4 ROOF DETAIL-RIDGE
SCALE: 3" = 1'-0"

...Becoming the Leading Designer of High Performance Facilities in the Nation with a Specialty in Alternative Delivery Methods

333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.4350
F: 919.573.9355
www.sfi+a.biz

sfi+a
ARCHITECTS

CERT. NO. 50876

CONSTRUCTION DOCUMENTS

Harnett County Schools

LILLINGTON-SHAWTOWN ELEMENTARY GYMNASIUM ADDITION

855 Old US Highway 421, Lillington NC 27546

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 07-26-24

PROJECT #: 02110.300

DRAWN BY: CF

CHECKED BY: Checker

© 2024 Sfi+a Architects, PA
All Rights Reserved

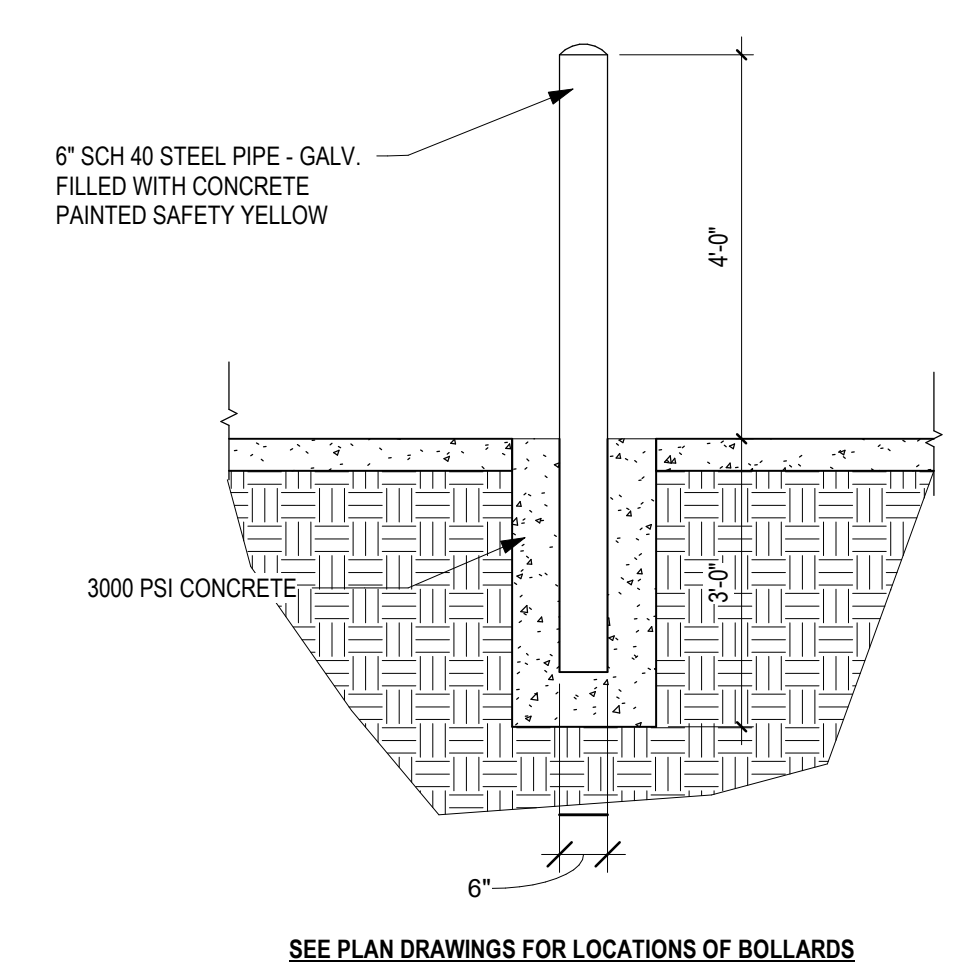
DETAILS-EXTERIOR

A502

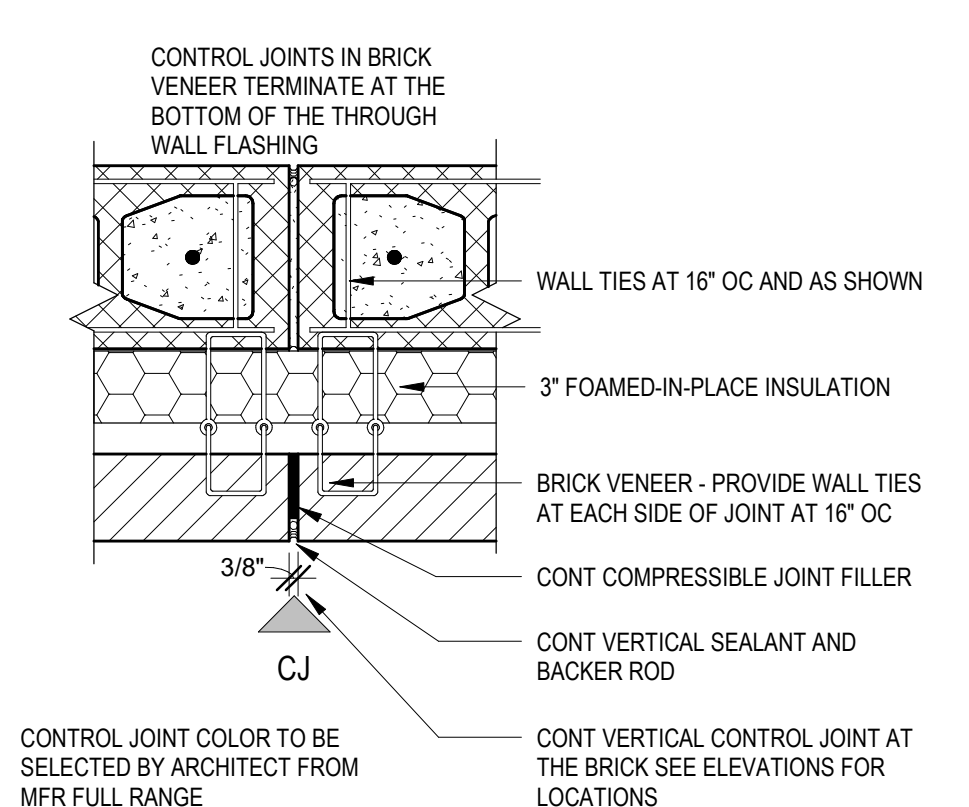
7/28/2024 7:37:55 AM

Autodesk Docs/02110.300 Lillington-Shawtown ES/02110.300_Lillington-Shawtown ES Addition_Arch_023.rvt

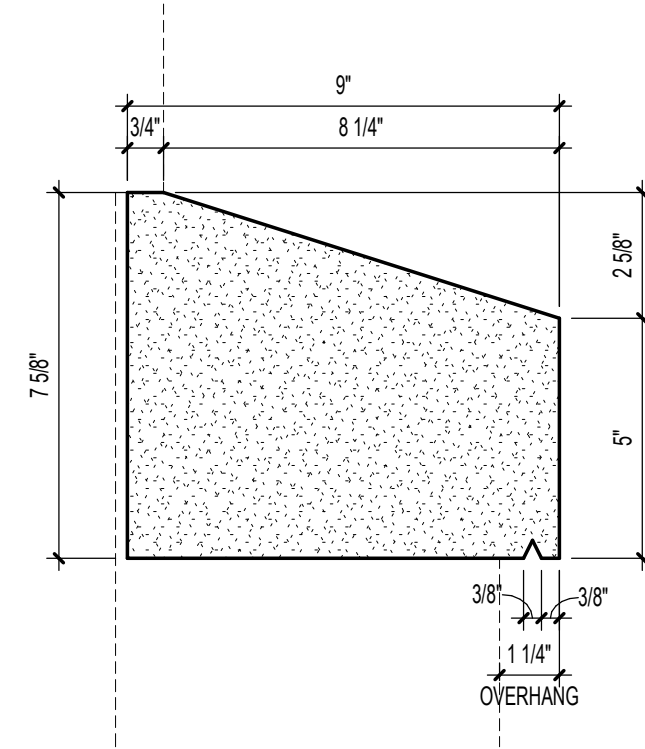
7/28/2024 7:37:59 AM Autodesk Docs/02110.300_Lillington-Shawtown ES/02110.300_Lillington-Shawtown ES Addition_Arch_023.rvt



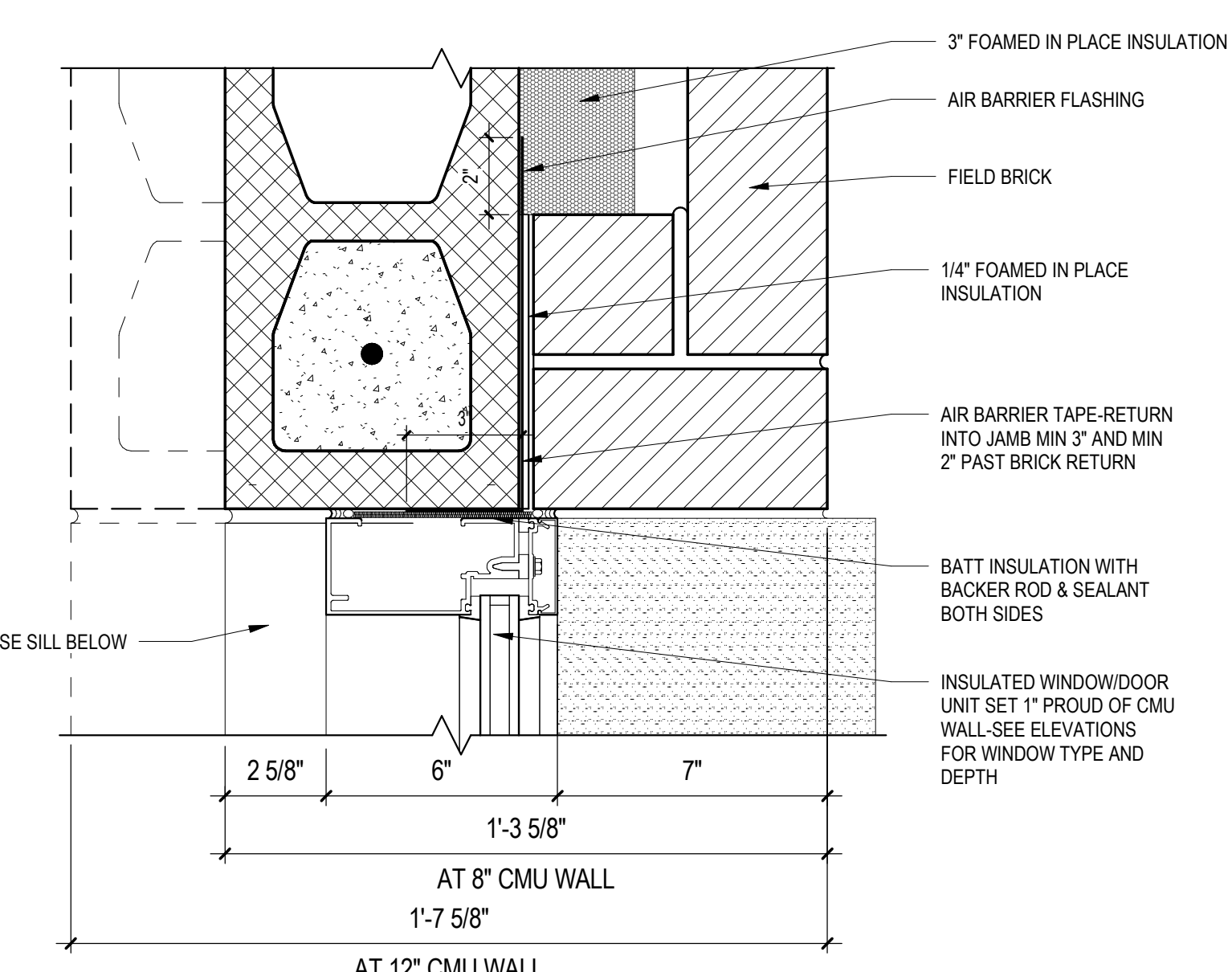
10 SITE BOLLARD DETAIL
SCALE: 1/2" = 1'-0"



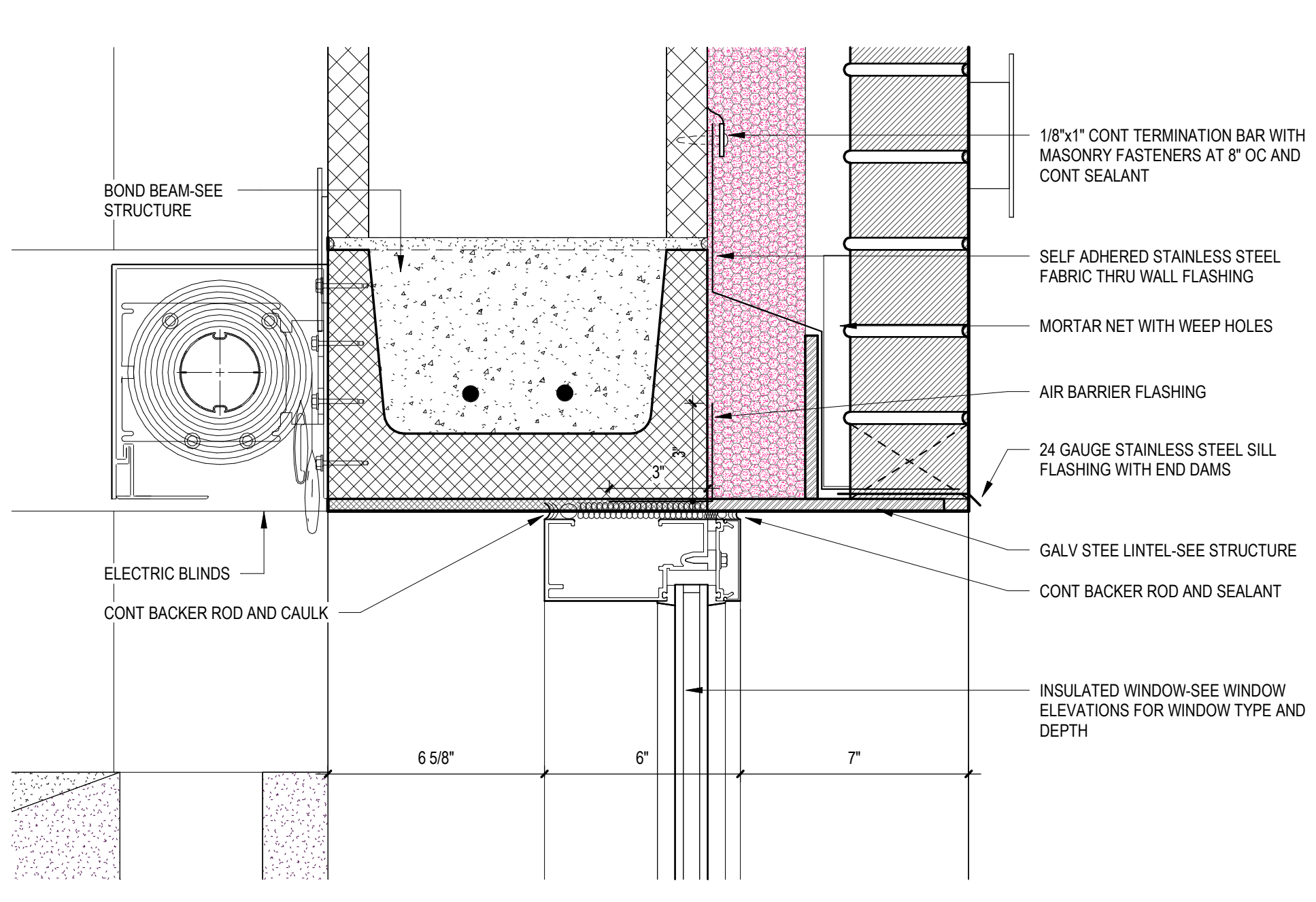
9 CONTROL JOINT DETAIL (CMU/BRICK VENEER)
SCALE: 1 1/2" = 1'-0"



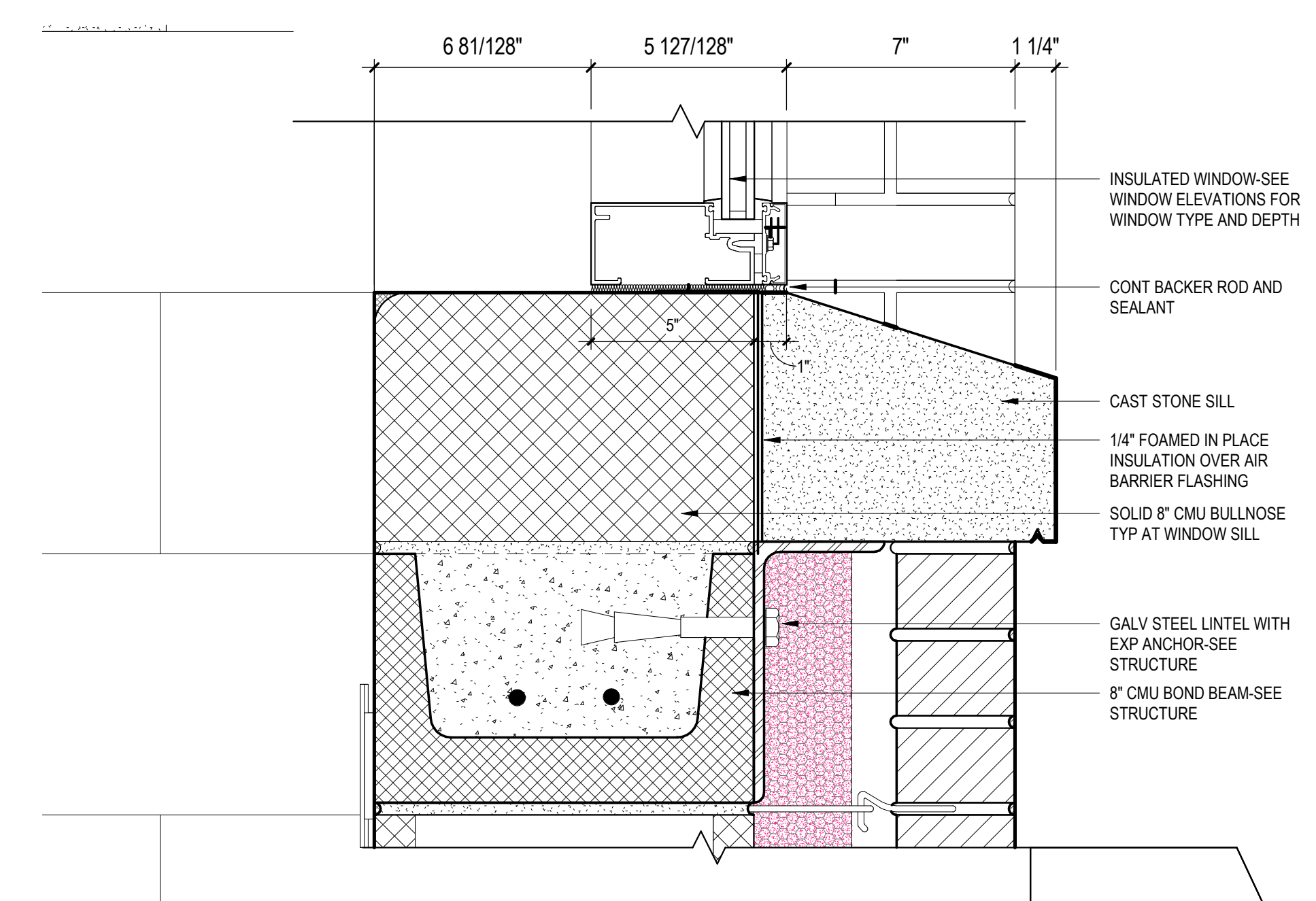
8 CAST STONE SILL DETAIL
SCALE: 3" = 1'-0"



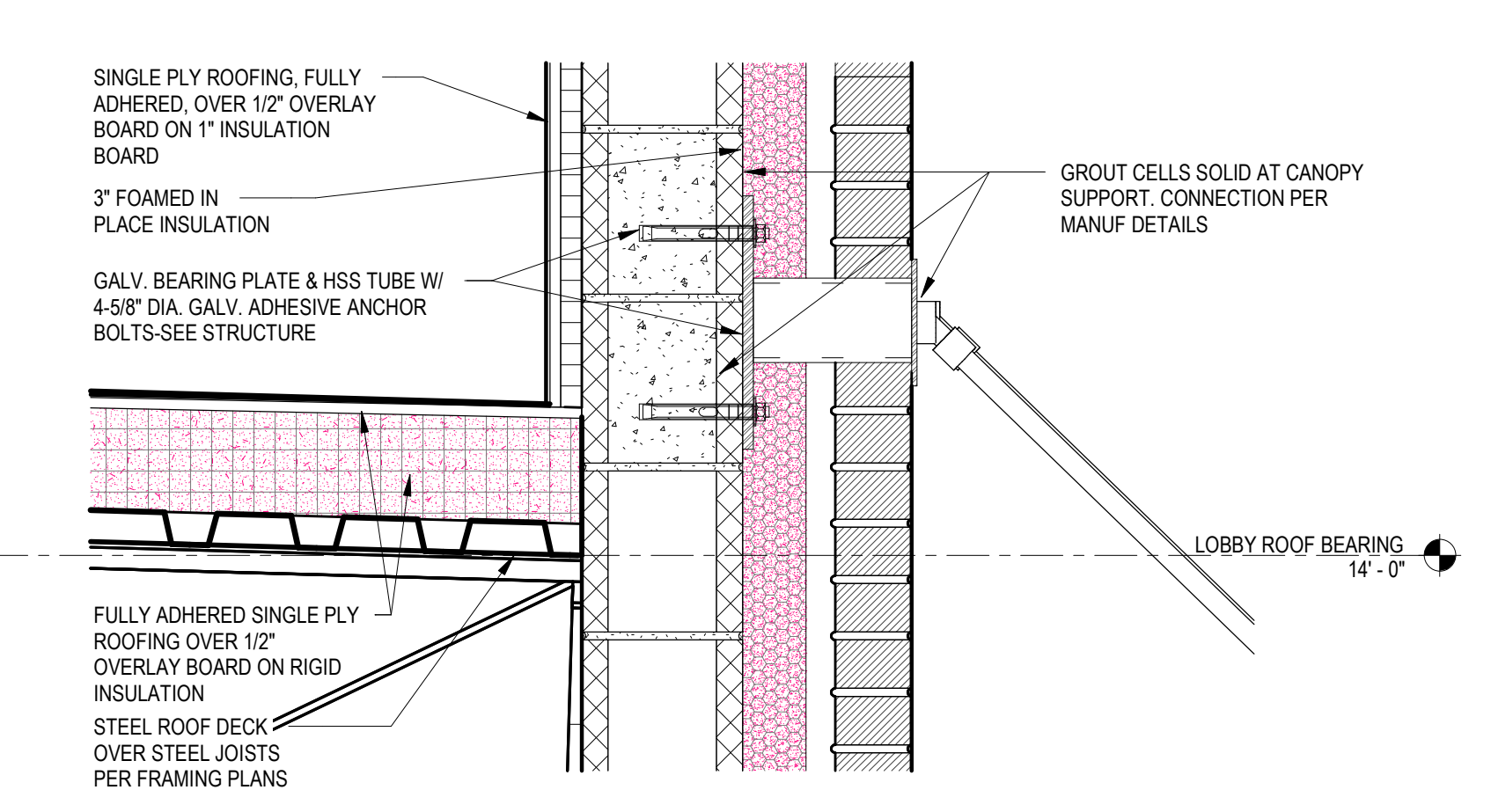
7 WINDOW JAMB DETAIL
SCALE: 3" = 1'-0"



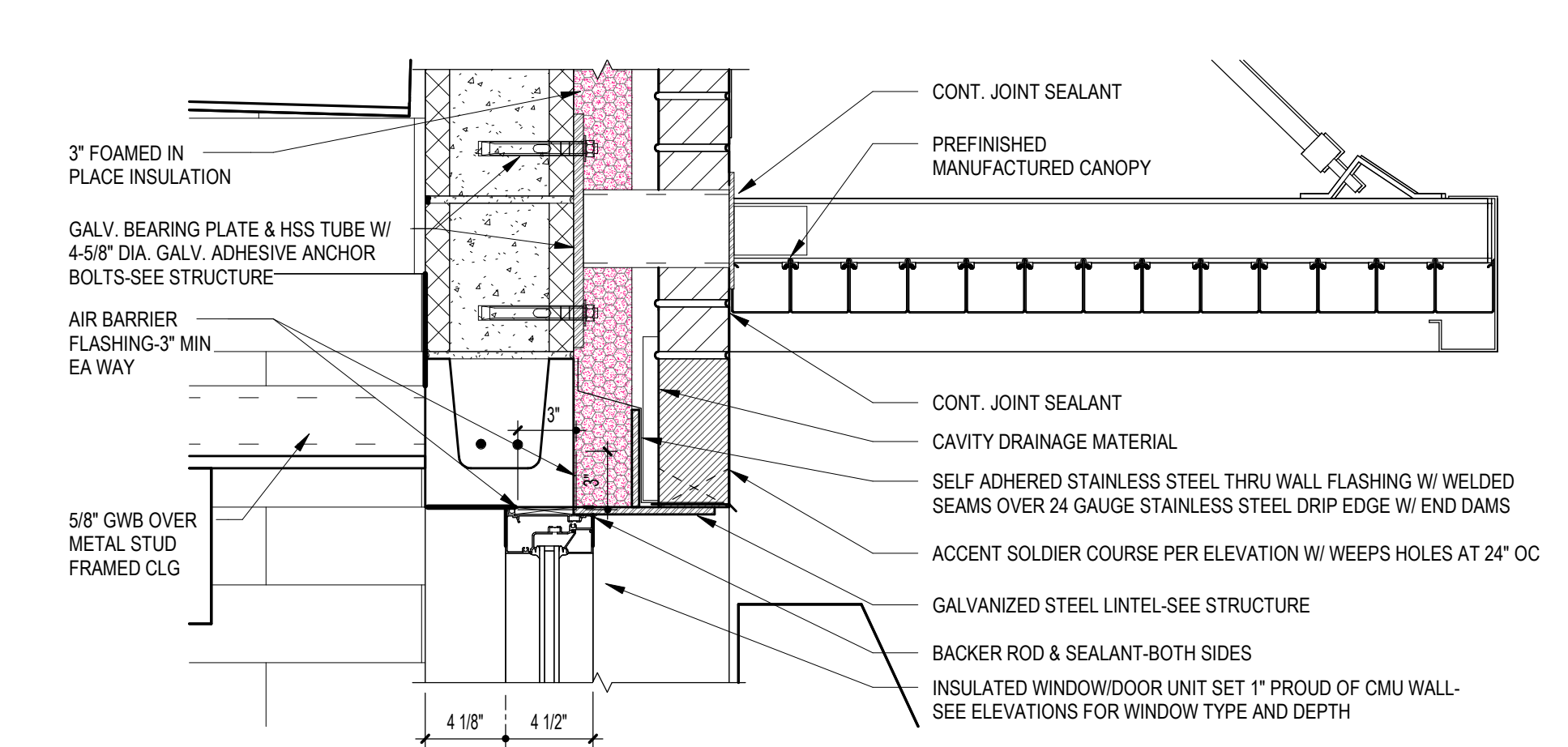
6 WINDOW HEAD SECTION
SCALE: 3" = 1'-0"



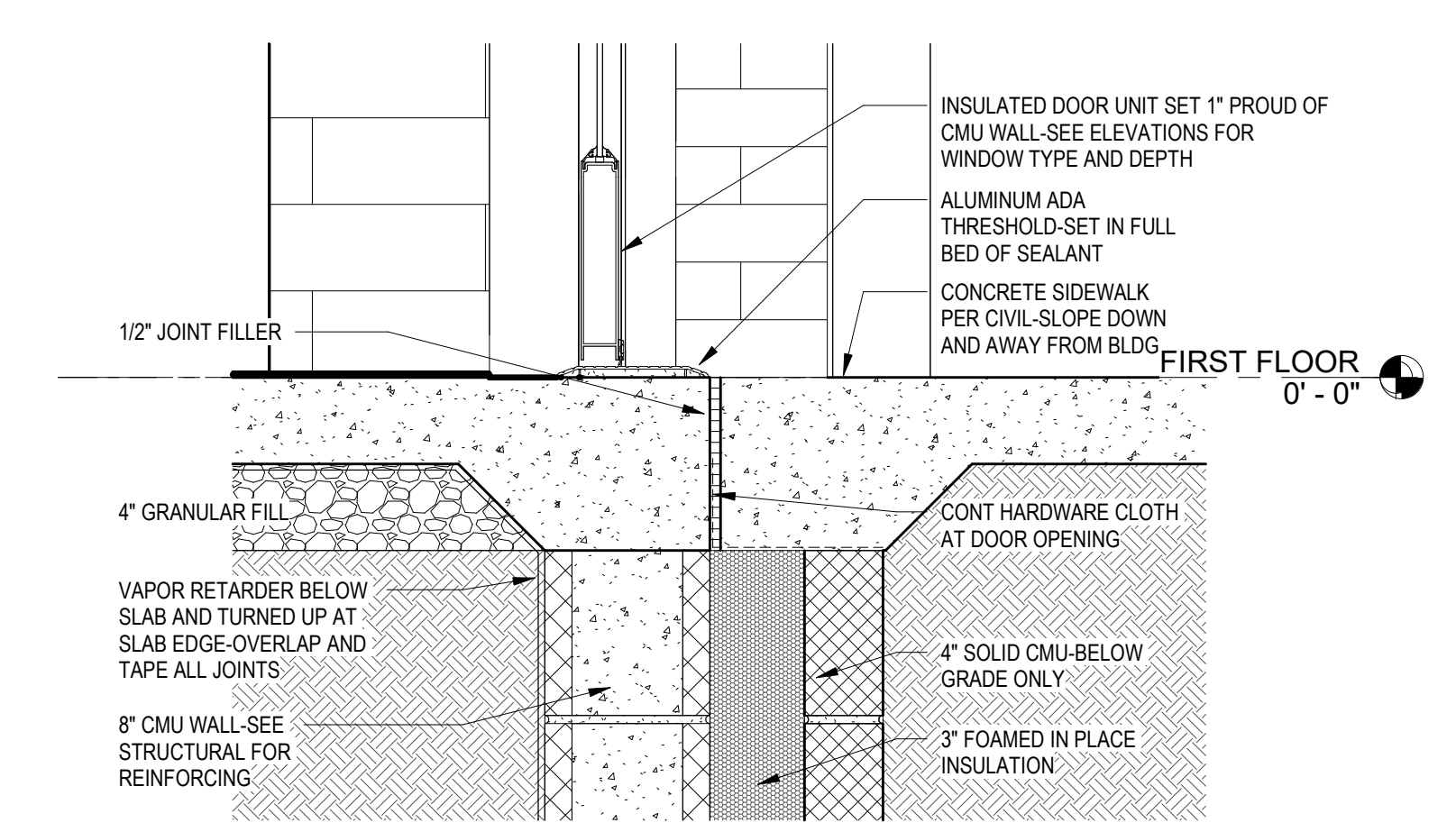
5 WINDOW SILL DETAIL
SCALE: 3" = 1'-0"



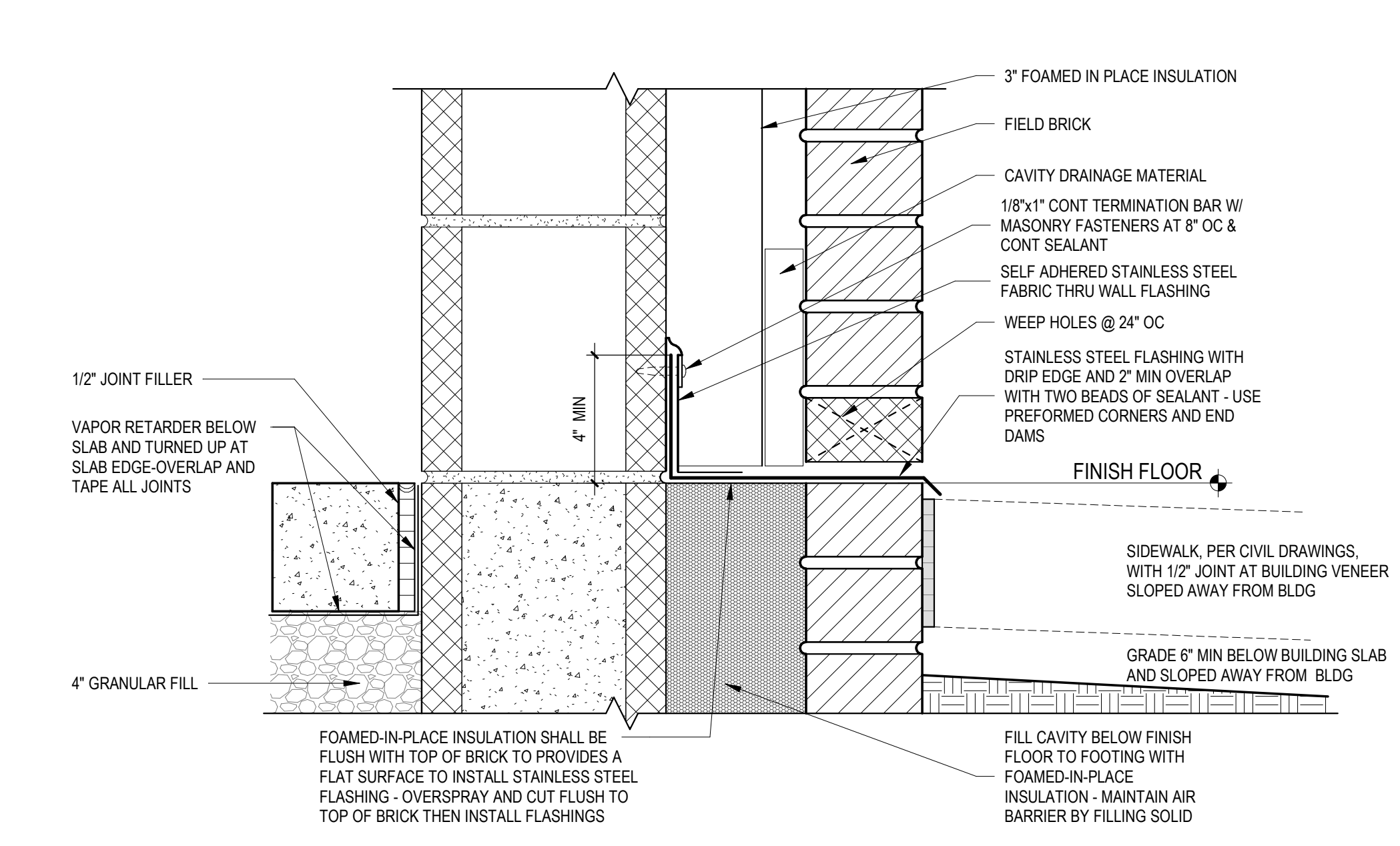
4 CANOPY DETAIL AT SUPPORT ARM
SCALE: 1 1/2" = 1'-0"



3 CANOPY DETAIL AT SUPPORT BEAM/DOOR HEAD
SCALE: 1 1/2" = 1'-0"



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



1 WALL BASE DETAIL
SCALE: 3" = 1'-0"

...Becoming the
Leading Designer of
High Performance Facilities
in the Nation with a
Specialty in Alternative
Delivery Methods

333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.4350
F: 919.573.4355
www.sfa.biz

sfa
ARCHITECTS

CERT. NO. 50076
SOUTH CAROLINA
ARCHITECT

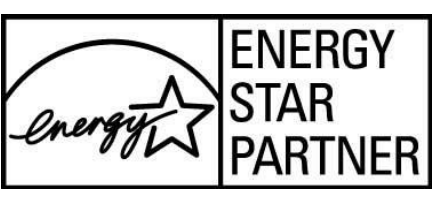
PROFESSIONAL ENGINEER
NO. 14184
SOUTH CAROLINA
ARCHITECT

CONSTRUCTION DOCUMENTS

Harnett County Schools

**LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION**

855 Old US Highway 421, Lillington NC 27546



No.	Date	Description

ISSUE DATE: 07-26-24
PROJECT #: 02110.300
DRAWN BY: CF
CHECKED BY: Checker
© 2024 Sfa+a Architects, PA
All Rights Reserved

DETAILS-EXTERIOR

A503

ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However, architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.

No.	Date	Description

ISSUE DATE: 07-26-24

PROJECT #: 02110.300

DRAWN BY: JK

CHECKED BY: Checker

© 2024 SFA+ Architects, PA
All Rights Reserved

**DETAILS-SS METAL
ROOF**

A504

8 SVM PANEL DETAIL (PENETRATION AT RAISED CURB)
SCALE: 1" = 1'-0"

TOP OF CURB TO BE LEVEL

SECTION

6 IN. MIN. OVERLAP
GASKETED FASTENER

FLAT PAN/CURB ASSEMBLY: ONE-PIECE WELDED/FOLDERS HEAVY-GAUGE METAL CURB WELDED/CLASPED TO METAL FLANGE WITH CRICKET. SEE NOTE 1.

OVERLAPPED JOINT WITH TWO ROWS OF CONTINUOUS SEALANT TAPE

STRUCTURAL METAL ROOF PANEL

GASKETED FASTENERS

SEALED FABRICATED END CAP INTEGRAL WITH FLAT PAN ASSEMBLY

6 IN. MIN. OVERLAP
FLAT PAN ASSEMBLY
SEAM AND PANEL PROFILES VARY

NOTE:
1. PROPER STRUCTURAL SUPPORT AND ATTACHMENT IS REQUIRED UNDER ALL SIDES OF THE RAISED CURB.
2. CURB-MOUNTED EQUIPMENT SHOULD BE WEATHERPROOF AND HAVE A WEATHERPROOF INTERLOCK OR SUFFICIENT OVERLAP WITH THE CURB.
3. PREMANUFACTURED CURBS ARE AVAILABLE.
4. THIS DETAIL FIXES THE RAISED CURB TO THE STRUCTURAL METAL PANELS.
5. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS NOT SHOWN FOR CLARITY.
6. REFER TO THE INTRODUCTION OF THE NRCA CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.
7. REFER TO NRCA - SVM 19 DETAIL.

5 SVM PANEL DETAIL (HALF RIDGE CAP FLASHING)
SCALE: 1" = 1'-0"

HEMMED EDGE

STRUCTURAL METAL ROOF PANEL

TURN PANEL PANS UP TO FORM CLOSURE AND SEAL VERTICAL JOINTS. SEE NOTE 5.

Z-CLOSURE SET IN SEALANT TAPE AND FASTENED. SEE NOTE 3.

GASKETED FASTENERS

SLOPE

STRUCTURAL FRAMING MEMBERS, PROFILES AND SPACING VARY

WALL CONSTRUCTION: SEE ARCHITECTURAL

HALF-RIDGE METAL CLOSURE, PROFILES AND SIZES VARY

CONTINUOUS CLEAT TO BE FORMED OF HEAVY-GAUGE METAL. ALSO TO SERVE AS SUPPORT FOR HALF-RIDGE CLOSURE. SEE NOTE 4.

PANEL CLOSURE

PANEL CLIP. TWO FASTENERS PER CLIP MIN.

NOTE:
1. SPECIFIC FASTENING AND STRUCTURAL REQUIREMENTS ARE NOT INDICATED AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING ON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE, BUILDING CODE AND WALL CONSTRUCTION.
2. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
3. WHEN THE Z-CLOSURE IS FASTENED THROUGH THE STRUCTURAL FRAMING, THIS FIXES THE PANEL ALONG THE HALF-RIDGE.
4. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION AND AIR LEAKAGE CONTROL, AND REROOFING FOR PERIMETER EDGE-METAL THICKNESS AND CLEAT RECOMMENDATIONS.
5. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.
6. REFER TO NRCA - SVM 07 DETAIL.

1 SVM PANEL DETAIL (EAVE FLASHING)
SCALE: 1" = 1'-0"

T-TYPE DOWNSLOPE PERIMETER METAL FLASHING

NOTE 3

OPTIONAL: CONTINUOUS CLEAT. SEE NOTE 5.

SEAM AND PANEL PROFILES VARY.

OPTIONAL: INSTAL SEALANT AT ENDS OF VERTICAL SEAMS

FOLD PANEL PANS TO ENGAGE EDGE METAL

STRUCTURAL METAL ROOF PANEL

PANEL CLIP. ATTACH WITH TWO FASTENERS MIN.

STRUCTURAL FRAMING, SEE STRUCTURAL

OPTIONAL: SEALANT TAPE

WALL CONSTRUCTION: SEE ARCHITECTURAL

T-TYPE DOWNSLOPE PERIMETER METAL FLASHING. SEE NOTE 5 AND 6.

NOTE:
1. SPECIFIC FASTENING AND STRUCTURAL REQUIREMENTS ARE NOT INDICATED AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING ON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE, BUILDING CODE AND WALL CONSTRUCTION.
2. THIS DETAIL CAN ONLY BE USED WHEN FIXED POINT IS NOT AT THE EAVE.
3. DIMENSIONS SHOULD ACCOMMODATE EXPECTED MOVEMENT AT THE EAVE. REFER TO NRCA FOR INFORMATION ABOUT THERMAL MOVEMENT CONSIDERATIONS.
4. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
5. REFER TO THE NRCA - INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.
6. REFER TO NRCA - SVM 02 DETAIL.

6 SVM PANEL DETAIL (HALF RIDGE CAP FLASHING - VENTED)
SCALE: 1" = 1'-0"

HEAVY-GAUGE PERFORATED METAL CLOSURE

SEE NOTE 4

GASKETED FASTENERS

VENTED HALF-RIDGE METAL CLOSURE, PROFILES AND SIZES VARY

WALL CONSTRUCTION: SEE ARCHITECTURAL

HEAVY-GAUGE PERFORATED METAL CLOSURE

PANEL CLIP. TWO FASTENERS PER CLIP MIN.

Z-CLOSURE SET IN SEALANT TAPE AND FASTENED

PANEL CLOSURE/HEAVY GAUGE PANEL END STIFFENING METAL

PANEL CLOSURE/HEAVY GAUGE PANEL END STIFFENING METAL

STRUCTURAL FRAMING, PROFILES AND SPACING VARY

STRUCTURAL METAL ROOF PANEL

SEAM AND PANEL PROFILES VARY

NOTE:
1. SPECIFIC FASTENING AND STRUCTURAL REQUIREMENTS ARE NOT INDICATED AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING ON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE, BUILDING CODE AND WALL CONSTRUCTION.
2. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
3. WHEN THE Z-CLOSURE IS FASTENED THROUGH THE STRUCTURAL FRAMING, THIS FIXES THE PANEL ALONG THE HALF-RIDGE.
4. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION AND AIR LEAKAGE CONTROL, AND REROOFING FOR PERIMETER EDGE-METAL THICKNESS AND CLEAT RECOMMENDATIONS.
5. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.
6. REFER TO NRCA - SVM 08 DETAIL.

2 SVM PANEL DETAIL (EAVE FLASHING WITH GUTTER)
SCALE: 1" = 1'-0"

GUTTER SPACER INSTALLED BETWEEN BRACKETS

NOTE 2

OPTIONAL: GUTTER BRACKET SUPPORT

SHEET-METAL GUTTER. SEE NOTE 4

SEAM AND PANEL PROFILES VARY.

OPTIONAL: INSTAL SEALANT AT ENDS OF VERTICAL SEAMS

FOLD PANEL PANS TO ENGAGE EDGE METAL

STRUCTURAL METAL ROOF PANEL

PANEL CLIP. ATTACH WITH TWO FASTENERS MIN.

STRUCTURAL FRAMING, SEE STRUCTURAL

OPTIONAL: SEALANT TAPE

WALL CONSTRUCTION: SEE ARCHITECTURAL

T-TYPE DOWNSLOPE PERIMETER METAL FLASHING. SEE NOTE 5 AND 6.

NOTE:
1. SPECIFIC FASTENING AND STRUCTURAL REQUIREMENTS ARE NOT INDICATED AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING ON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE, BUILDING CODE AND WALL CONSTRUCTION.
2. DIMENSIONS SHOULD ACCOMMODATE EXPECTED MOVEMENT AT THE EAVE. REFER TO NRCA SECTION 4.12 FOR INFORMATION ABOUT THERMAL MOVEMENT CONSIDERATIONS.
3. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
4. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION AND AIR LEAKAGE CONTROL, AND REROOFING FOR PERIMETER EDGE-METAL THICKNESS AND CLEAT RECOMMENDATIONS.
5. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION AND AIR LEAKAGE CONTROL, AND REROOFING FOR PERIMETER EDGE-METAL THICKNESS AND CLEAT RECOMMENDATIONS.
6. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.
7. REFER TO NRCA - SVM 02 DETAIL.

7 SVM PANEL DETAIL (PIPE PENETRATION FLASHING)
SCALE: 1" = 1'-0"

WATERTIGHT SHEET - METAL RAIN COLLAR WITH STAINLESS STEEL DRAWBAND, OVERLAP FLASHING COLLAR 3 IN. MIN.

PIPE PENETRATION

TEMPERATURE APPROPRIATE SEALANT TO FACILITATE RUNOFF

STAINLESS-STEEL DRAWBAND

STRUCTURAL METAL ROOF PANEL

PREFORMED PENETRATION FLASHING

GASKETED FASTENERS TO SECURE FLASHING COLLAR FLANGE TO ROOF PANEL

SET SECUREMENT RING IN CONTINUOUS BEAD OF SEALANT.

SEAM AND PANEL PROFILES VARY

NOTE:
1. NRCA RECOMMENDS PENETRATIONS SHOULD NOT INTERFERE WITH PANEL SEAMS OR OCCUR AT TRANSVERSE SEAMS. SEE DETAIL SVM-17.
2. IN FIELD PANELS OVERLAP AT THE PENETRATION. ATTACHMENT OF THE DOWNSLOPE PANEL ALONG ITS UPSLOPE END MAY BE NECESSARY.
3. VENT STACKS AND OTHER PIPES SHOULD HAVE ADEQUATE CLEARANCE ON ALL SIDES FROM WALLS AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING AND PANEL DRAINAGE.
4. FOR HOT PIPES, SPECIFIC HIGH-TEMPERATURE BOOTS SHOULD BE USED.
5. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
6. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.
7. REFER TO NRCA - SVM 16 DETAIL.

3 SVM PANEL DETAIL (RAKE EDGE FLASHING)
SCALE: 1" = 1'-0"

HEAVY-GAUGE RAKE SUPPORT METAL

METAL RAKE EDGE FLASHING

CONTINUOUS RAKE CLEAT TO BE FORMED OF HEAVY-GAUGE METAL. ALSO SERVES AS SUPPORT FOR RAKE FLASHING - SEE NOTE 3.

SEALANT TAPE

PANEL CLIP. MIN. TWO FASTENER PER CLIP.

WALL CONSTRUCTION: SEE ARCHITECTURAL.

NOTE:
1. SPECIFIC FASTENING AND STRUCTURAL REQUIREMENTS ARE NOT INDICATED AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING ON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE, BUILDING CODE AND WALL CONSTRUCTION.
2. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
3. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION AND AIR LEAKAGE CONTROL, AND REROOFING FOR PERIMETER EDGE-METAL THICKNESS AND CLEAT RECOMMENDATIONS.
4. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.
5. REFER TO NRCA - SVM 04 DETAIL.

7 SVM PANEL DETAIL (PIPE PENETRATION FLASHING)
SCALE: 1" = 1'-0"

6 IN. MIN. OVERLAP

GASKETED FASTENER

SEAL END OF SEAM

PIPE PENETRATION

FLAT PAN ASSEMBLY. SEE NOTE 1

OVERLAPPED JOINT WITH TWO ROWS OF CONTINUOUS SEALANT TAPE

STRUCTURAL METAL ROOF PANEL

TEMPERATURE-APPROPRIATE SEALANT

STAINLESS-STEEL DRAWBAND

SHEET-METAL RAIN COLLAR

STRUCTURAL METAL ROOF PANEL

PIPE PENETRATION

TEMPERATURE APPROPRIATE SEALANT TO FACILITATE RUNOFF

STAINLESS-STEEL DRAWBAND

STRUCTURAL METAL ROOF PANEL

6 IN. MIN. OVERLAP

SEALED FABRICATED END CAP INTEGRAL WITH FLAT PAN ASSEMBLY

GASKETED FASTENER

SEAM AND PANEL PROFILES VARY

NOTE:
1. NRCA STRONGLY RECOMMENDS PENETRATIONS SHOULD NOT INTERFERE WITH PANEL SEAMS OR OCCUR AT TRANSVERSE SEAMS.
2. WHERE PENETRATIONS INTERSECT SEAMS, THIS DETAIL IS PREFERRED RATHER THAN INSTALLING PREFORMED BOOT THROUGH SEAM.
3. IN FIELD PANELS OVERLAP AT THE PENETRATION. ATTACHMENT OF THE DOWNSLOPE PANEL ALONG ITS UPSLOPE END MAY BE NECESSARY.
4. VENT STACKS AND OTHER PIPES SHOULD HAVE ADEQUATE CLEARANCE ON ALL SIDES FROM WALLS AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING AND PANEL DRAINAGE.
5. FOR HOT PIPES, SPECIFIC HIGH-TEMPERATURE BOOTS SHOULD BE USED.
6. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
7. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.
8. REFER TO NRCA - SVM 17 DETAIL.

3 SVM PANEL DETAIL (RAKE EDGE FLASHING)
SCALE: 1" = 1'-0"

STRUCTURAL METAL ROOF PANEL

SEAM AND PANEL PROFILES VARY

TURN UP EDGE OF PANEL

HEAVY-GAUGE RAKE SUPPORT METAL

METAL RAKE EDGE FLASHING

CONTINUOUS RAKE CLEAT TO BE FORMED OF HEAVY-GAUGE METAL. ALSO SERVES AS SUPPORT FOR RAKE FLASHING - SEE NOTE 3.

SEALANT TAPE

WALL CONSTRUCTION: SEE ARCHITECTURAL.

NOTE:
1. SPECIFIC FASTENING AND STRUCTURAL REQUIREMENTS ARE NOT INDICATED AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING ON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE, BUILDING CODE AND WALL CONSTRUCTION.
2. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
3. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING, CONDENSATION AND AIR LEAKAGE CONTROL, AND REROOFING FOR PERIMETER EDGE-METAL THICKNESS AND CLEAT RECOMMENDATIONS.
4. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.
5. REFER TO NRCA - SVM 04 DETAIL.

8 SVM PANEL DETAIL (PENETRATION AT STACK VENT)
SCALE: 1" = 1'-0"

GASKETED FASTENERS TO SECURE FLASHING COLLAR FLANGE TO ROOF PANEL AND NOT TO DECK SO AS NOT TO FIX PANEL AT PENETRATION

8 IN. MIN. (FLASHING HEIGHT)

TEMPERATURE-APPROPRIATE SEALANT

STAINLESS-STEEL DRAWBAND

SHEET-METAL RAIN COLLAR

STRUCTURAL METAL ROOF PANEL

SHEET-METAL FLASHING COLLAR: 4 IN. MIN. FLANGE. SET IN CONTINUOUS BEAD OF SEALANT.

OPTIONAL: INSULATION APPROPRIATE FOR STACK TEMPERATURE.

SEAM AND PANEL PROFILES VARY.

NOTE:
1. NRCA STRONGLY RECOMMENDS PENETRATIONS SHOULD NOT INTERFERE WITH PANEL SEAMS OR OCCUR AT TRANSVERSE SEAMS.
2. VENT STACKS AND OTHER PIPES SHOULD HAVE ADEQUATE CLEARANCE ON ALL SIDES FROM WALLS AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING AND PANEL DRAINAGE.
3. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
4. REFER TO THE NRCA INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.
5. REFER TO NRCA - SVM 18 DETAIL.

4 SVM PANEL DETAIL (AT END LAP)
SCALE: 1" = 1'-0"

CLIP

SEALANT TAPE

HEAVY-GAUGE PANEL SUPPORT METAL

GASKETED FASTENERS

HEAVY-GAUGE PANEL SUPPORT METAL

STRUCTURAL FRAMING MEMBER, SEE STRUCTURAL

SECTION

STAGGER ADJACENT PANEL END LAPS

PANEL CLIP ATTACHED WITH TWO FASTENERS MIN.

STRUCTURAL FRAMING MEMBER SEE STRUCTURAL

STRUCTURAL METAL ROOF PANEL

SEAM AND PANEL PROFILE PER SPECS

NOTE:
1. SPECIFIC FASTENING AND STRUCTURAL REQUIREMENTS ARE NOT INDICATED AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING ON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE, BUILDING CODE AND WALL CONSTRUCTION.
2. HEAVY-GAUGE PANEL SUPPORT METAL PROFILE AND ATTACHMENT MAY VARY DEPENDING ON PANEL MANUFACTURER'S REQUIREMENTS.
3. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
4. REFER TO NRCA SVM 20.

4 SVM PANEL DETAIL (AT END LAP)
SCALE: 1" = 1'-0"

CLIP

SEALANT TAPE

HEAVY-GAUGE PANEL SUPPORT METAL

GASKETED FASTENERS

HEAVY-GAUGE PANEL SUPPORT METAL

STRUCTURAL FRAMING MEMBER, SEE STRUCTURAL

SECTION

STAGGER ADJACENT PANEL END LAPS

PANEL CLIP ATTACHED WITH TWO FASTENERS MIN.

STRUCTURAL FRAMING MEMBER SEE STRUCTURAL

STRUCTURAL METAL ROOF PANEL

SEAM AND PANEL PROFILE PER SPECS

NOTE:
1. SPECIFIC FASTENING AND STRUCTURAL REQUIREMENTS ARE NOT INDICATED AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING ON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE, BUILDING CODE AND WALL CONSTRUCTION.
2. HEAVY-GAUGE PANEL SUPPORT METAL PROFILE AND ATTACHMENT MAY VARY DEPENDING ON PANEL MANUFACTURER'S REQUIREMENTS.
3. INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.
4. REFER TO NRCA SVM 20.

7/29/2024 7:36:02 AM

Autodesk Docs/02110.300_Lillington-Shawtown ES/02110.300_Lillington-Shawtown ES Addition_Arch_023.rvt

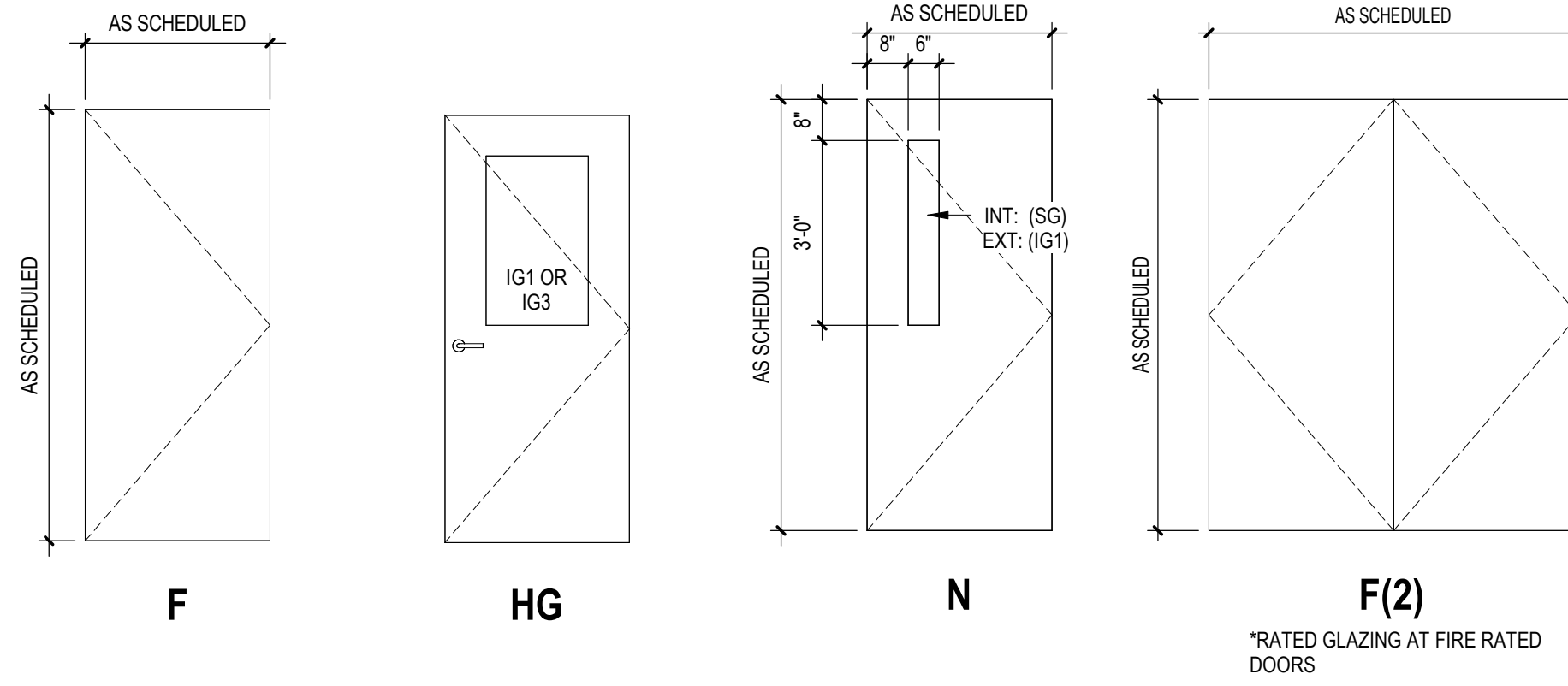
DOOR & FRAME SCHEDULE												
DOOR NO.	ROOM	SIZE			PANEL			FRAME			Door Signage	NOTES
		NO.	NAME	W.	H.	T.	TYPE	MATERIAL / FINISH	GLASS	TYPE		
100A	100	GYMNASIUM	6'-0"	7'-2"	1'-3/4"	F(2)	IFRP	-	3	0	J	
100B	100	GYMNASIUM	6'-0"	7'-2"	1'-3/4"	F(2)	IFRP	-	3	0	J	
100C	100	GYMNASIUM	6'-0"	7'-2"	1'-3/4"	F(2)	IFRP	-	3	0	J	
100D	101	LOBBY	6'-8"	7'-2"	1'-3/4"	F	WD	N	2	0	A	
100E	101	LOBBY	6'-8"	7'-2"	1'-3/4"	F	WD	N	2	0	A	
101A	C101	CORR.	3'-0"	7'-2"	1'-3/4"	HG	ALUM	SF2	1	0	J	
101B	C101	CORR.	3'-0"	7'-2"	1'-3/4"	HG	ALUM	SF2	1	0	J	
101C	C101	CORR.	6'-8"	7'-2"	1'-3/4"	F	HM	-	2	90	A	
101D	101	LOBBY	6'-0"	7'-2"	1'-3/4"	HG	IFRP	SF1	-	0	J	
101E	101	LOBBY	6'-0"	7'-2"	1'-3/4"	HG	IFRP	SF1	-	0	J	
102	102	MEN	3'-0"	7'-2"	1'-3/4"	F	WD	-	1	0	C	
103	103	WOMEN	3'-0"	7'-2"	1'-3/4"	F	WD	-	1	0	C	
104	104	CUSTODIAN	3'-0"	7'-2"	1'-3/4"	F	WD	-	1	0	A	
105	105	OFFICE	6'-0"	7'-4"	-	-	-	-	-	-	-	MASONRY OPENING
105A	105A	CLOSET	3'-0"	7'-2"	1'-3/4"	F	WD	-	1	0	A	
106	106	EQUIPMENT	6'-8"	7'-2"	1'-3/4"	F	WD	-	2	0	A	
107	107	UTIL.	3'-0"	7'-2"	1'-3/4"	F	IFRP	-	1	0	A	

DOOR LOCKSET FUNCTION LEGEND

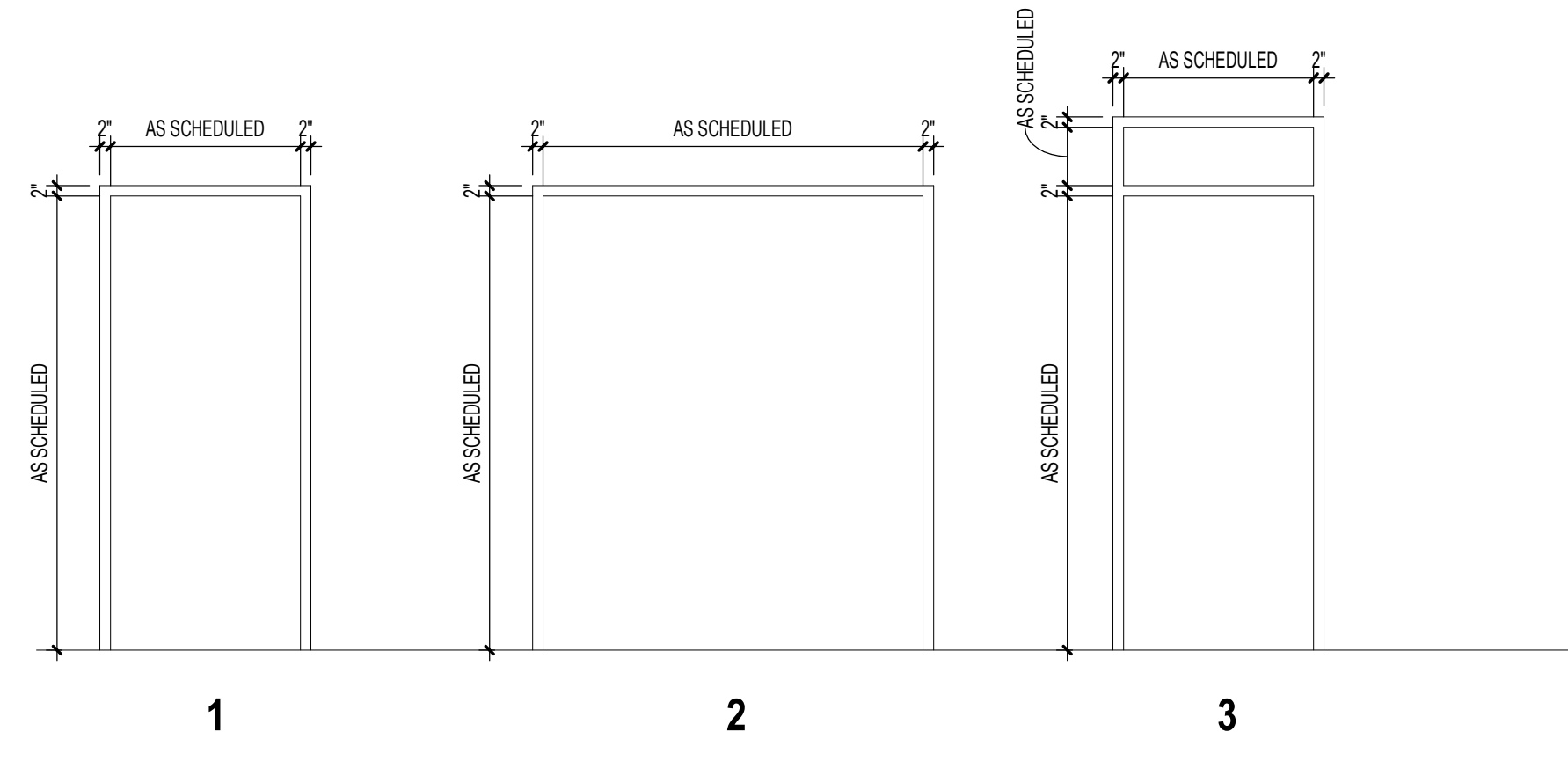
- HARDWARE NOTES:**
ENTRY DEADLOCK FUNCTION: DEADBOLT BY KEY OUTSIDE, THUMBTURN INSIDE LEVER IS UNLOCKED BY A KEY. CAN REMAIN UNLOCKED.
BOTH SIDES LOCK FUNCTION: THE INSIDE LEVER IS UNLOCKED BY A KEY AND THE OUTSIDE LEVER IS UNLOCKED BY A KEY. CAN REMAIN UNLOCKED.
STOREROOM FUNCTION: THE INSIDE LEVER IS ALWAYS OPERABLE. THE OUTSIDE LEVER IS ALWAYS LOCKED. ONE MUST ALWAYS HAVE A KEY TO OPEN THE DOOR FROM THE OUTSIDE.
OFFICE FUNCTION: THE INSIDE LEVER IS ALWAYS OPERABLE. THE OUTSIDE LEVER IS LOCKED BY DEPRESSING A BUTTON ON THE INSIDE LEVER. A KEY IS USED TO UNLOCK THE OUTSIDE LEVER FROM THE OUTSIDE WHEN LOCKED.
PRIVACY FUNCTION: THE OUTSIDE LEVER IS LOCKED BY USE OF A PUSH BUTTON ON THE INSIDE LEVER. THE OUTSIDE LEVER CAN BE UNLOCKED (NOT BY A KEY) BY THE USE OF SOME SIMPLE TOOL.
PASSAGE FUNCTION: THE INSIDE AND OUTSIDE LEVERS ARE FREE TO OPERATE AT ALL TIMES.
- HARDWARE ABBREVIATIONS:**
AST ASTRAHAL
CLSR CLOSER
DIA DIAMETER
FB FLUSH BOLT
KP KICK PLATE
OHS OVERHEAD STOP
SS STAINLESS STEEL
WMS WALL MOUNTED STOP
WS WEATHER STRIPPING

GENERAL DOOR NOTES

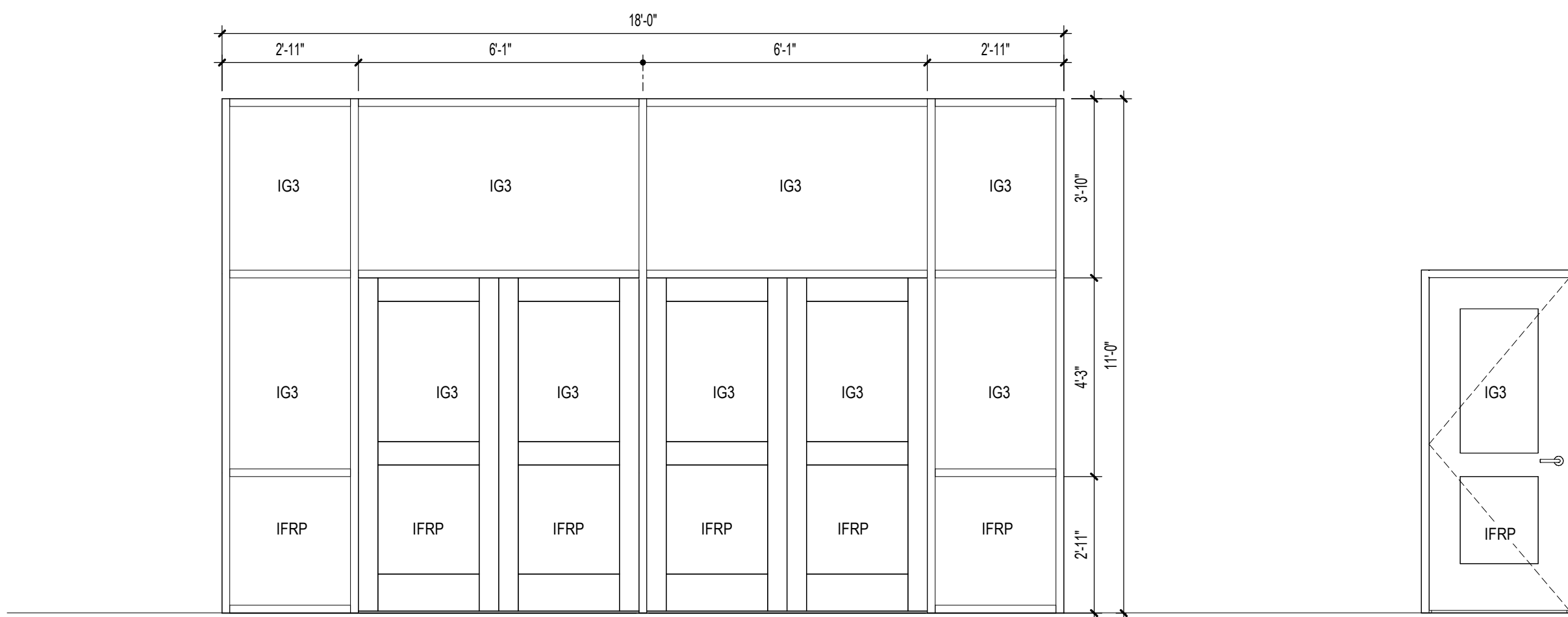
1. PROVIDE AND INSTALL WEATHERSTRIPPING AT ALL EXTERIOR DOORS.
2. PROVIDE AND INSTALL SILENCERS AT ALL H.M. FRAMES.
3. ALL DOUBLE DOORS TO RECEIVE KEYED MULLIONS.
4. ALL HM DOOR FRAMES TO BE PAINTED SW7674-PEPPERCORN.
5. ALL HM DOOR FRAMES TO BE WRAP AROUND. COORDINATE WITH WALL THICKNESS.



DOOR PANEL LEGEND SCALE: 3/8" = 1'-0"



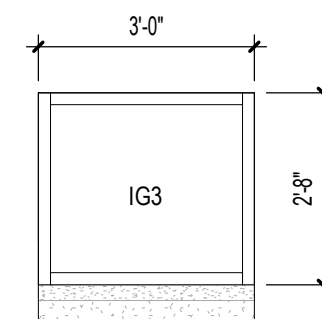
DOOR FRAME LEGEND SCALE: 3/8" = 1'-0"



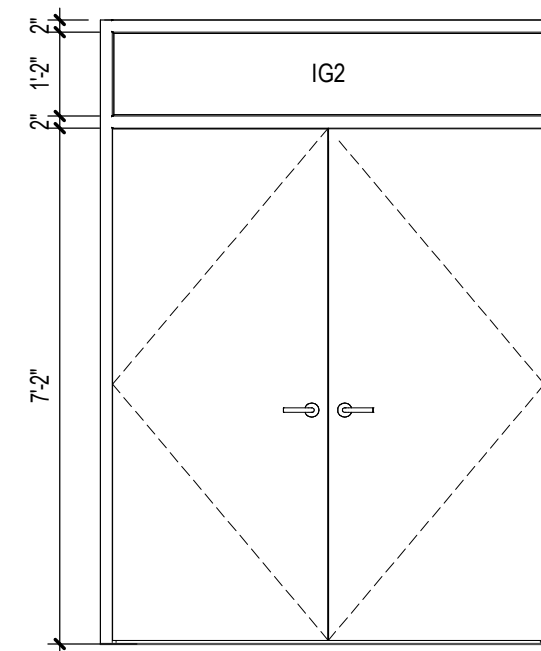
1 SF1 SCALE: 3/8" = 1'-0"

2 SF2 SCALE: 3/8" = 1'-0"

3 SF3 SCALE: 3/8" = 1'-0"



4 SF4 SCALE: 3/8" = 1'-0"



5 SF5 SCALE: 3/8" = 1'-0"

GLAZING UNIT TYPES

- *COLOR TO BE SELECTED BY ARCHITECT FROM FULL RANGE OF MFR'S COLORS.
- | TYPE | DESCRIPTION |
|---|---|
| (NON-INSULATED GLASS) | |
| FG | ANNEALED FLOAT GLASS, 1/4" THICK SINGLE PANE, CLEAR |
| SG | SAFETY GLASS - FULLY TEMPERED, 1/4" THICK SINGLE PANE, MATCH ADJACENT GLASS TINT. |
| LG | LAMINATED SAFETY GLASS, 1/4" THICK SINGLE PANE, CLEAR |
| MG | MIRROR GLASS - FULLY TEMPERED, 1/4" THICK SINGLE PANE, TEMPERED |
| T | |
| (INSULATED GLASS UNITS) - ALL INSULATED GLASS UNITS TO BE TEMPERED | |
| IG2 | DOUBLE PANE INSULATED, TRANSLUCENT LAMINATED GLASS UNITS, DIFFUSED (SOUTH, EAST & WEST FACING GLAZING-HIGH GLASS) SEE PARTIAL ELEVATIONS FOR LAMINATE |
| IG3 | DOUBLE PANE INSULATED GLASS UNITS, TINTED AND TEMPERED (SOUTH, EAST & WEST FACING GLAZING-LOW GLASS) |

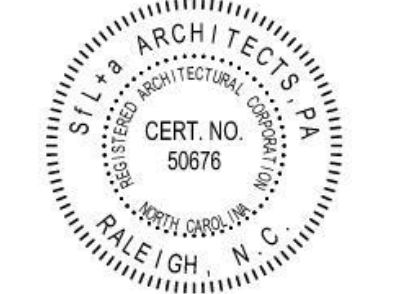
GENERAL WINDOW NOTES

1. IFRP=IFRP INFILL PANEL. COLOR TO MATCH THE DOOR FRAME.

...Becoming the
 Leading Designer of
 High Performance Facilities
 in the Nation with a
 Specialty in Alternative
 Delivery Methods

333 Fayetteville St, Ste 225
 Raleigh, NC 27601
 P: 919.573.4350
 F: 919.573.4355
 www.sfl+a.biz

sfl+a
 ARCHITECTS



CONSTRUCTION DOCUMENTS

Harnett County Schools
**LILLINGTON-SHAWTOWN ELEMENTARY
 GYMNASIUM ADDITION**
 855 Old US Highway 421, Lillington, NC 27546



No.	Date	Description

ISSUE DATE: 07-26-24

PROJECT #: 02110.300

DRAWN BY: JK

CHECKED BY: Checker

© 2024 Sfl+a Architects, PA
 All Rights Reserved

DOOR SCHEDULE /
 SF ELEVATIONS

A601

7/28/2024 7:39:09 AM Autodesk Docs://02110.300.Lillington-Shawtown ES/02110.300.Lillington-Shawtown ES Addition_Arch_023.rvt

5
4
3
2
1

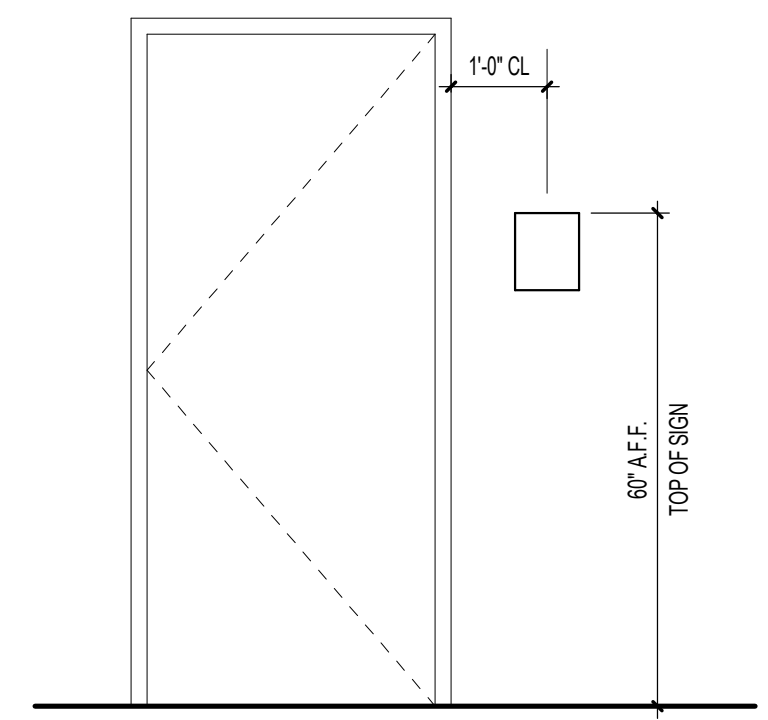
E

D

C

B

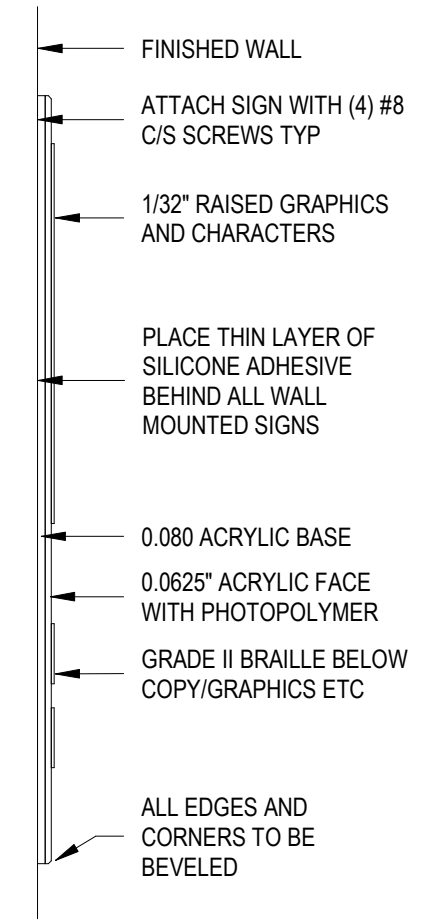
A



- SIGNAGE NOTES:**
- ROOM SIGNAGE TO BE LOCATED ON THE WALL ADJACENT TO THE STRIKE SIDE OF THE DOOR.
 - MOUNTING LOCATION AND HEIGHT SHOWN IS TYPICAL.
 - VERIFY NON-TYPICAL SIGN LOCATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.
 - AT DOORS WITH SIDELIGHTS ON THE STRIKE SIDE OF JAMB, USE DOUBLE SIDED TAPE ONLY. PROVIDE A BLANK SOLID SIGN OF SAME COLOR AND SIZE ON OPPOSITE SIDE OF GLASS.
 - COORDINATE ROOM NAME, NUMBER AND DOOR INVENTORY NUMBER WITH USER.
 - PROVIDE SIGNAGE AT ALL INTERIOR DOOR LOCATION. ROOMS WITH MORE THAN ONE ACCESS POINT SHALL REQUIRE SIGNAGE AT EACH LOCATION.
 - TYPICAL FOR ALL DOOR INVENTORY NUMBERS - SHALL HAVE RAISED NUMBERING AND BE BLACK IN COLOR.

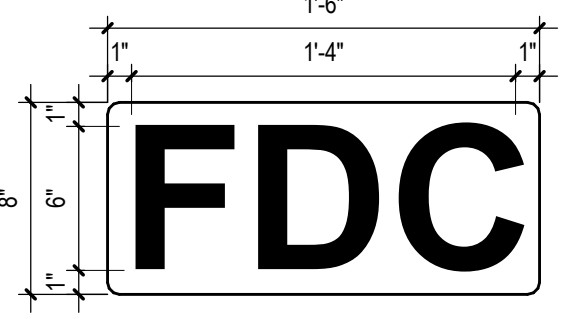
FIGURE 703.3.11 LOCATION OF SIGNS AT DOORS

3 SIGNAGE ADA REQUIREMENTS SCALE: 3" = 1'-0"



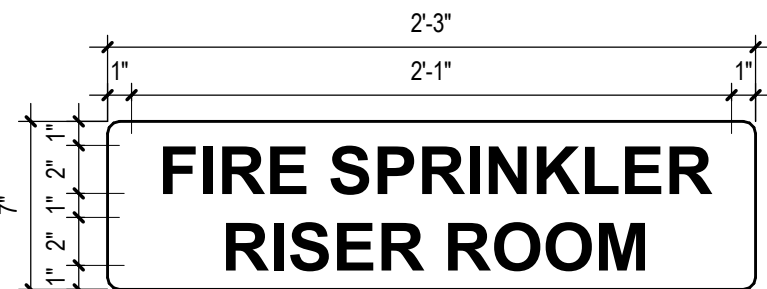
2 SIGNAGE DETAIL AT WALL SCALE: 6" = 1'-0"

FIRE PROTECTION CONNECTIONS SIGN



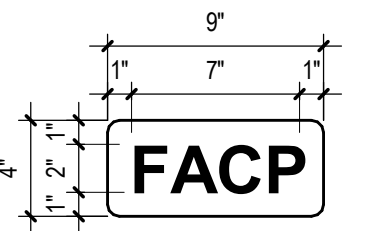
THE FIRE DEPARTMENT CONNECTION SIGN (FDC) WILL CONSIST OF 6" HIGH, 1" LETTER STROKE RED REFLECTIVE LETTERS ON A WHITE BACKGROUND, AND SHALL BE PERMANENTLY ATTACHED IN A VISIBLE LOCATION APPROVED BY THE FIRE MARSHAL.

FIRE SPRINKLER RISER ROOM SIGN / LABEL



THE SPRINKLER ROOM SIGN / LABEL WILL CONSIST OF 2" HIGH, 0.5" LETTER STROKE RED REFLECTIVE LETTERS ON A WHITE BACKGROUND, AND SHALL BE PERMANENTLY ATTACHED TO THE EXTERIOR OF THE DOOR OF THE SPRINKLER RISER ROOM, AT NORMAL EYE LEVEL.

FIRE ALARM CONTROL PANEL SIGN / LABEL

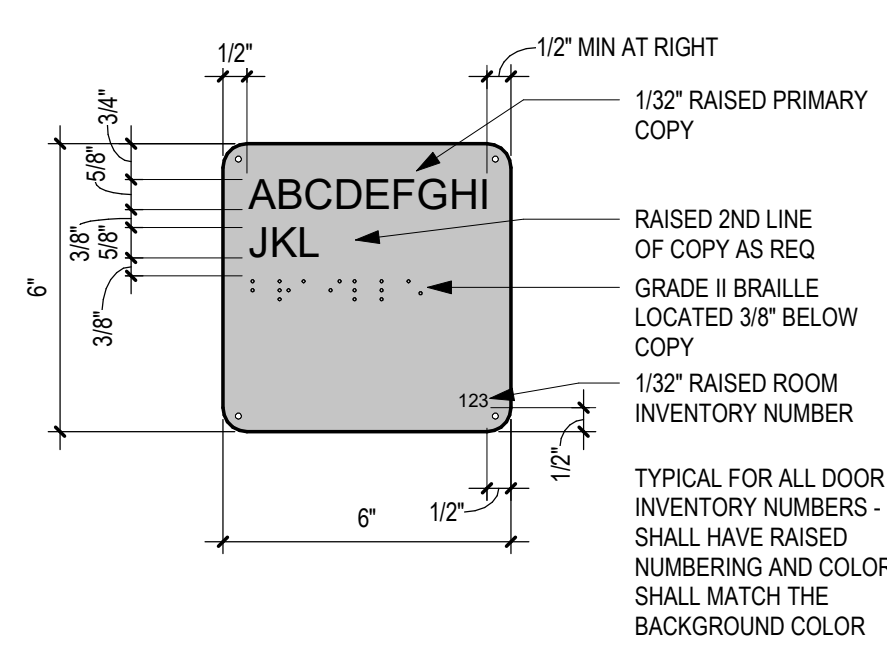


THE FIRE ALARM CONTROL PANEL SIGN / LABEL WILL CONSIST OF 2" HIGH, 0.5" LETTER STROKE RED REFLECTIVE LETTERS ON A WHITE BACKGROUND, AND SHALL BE PERMANENTLY ATTACHED TO THE EXTERIOR OF THE DOOR OF THE ROOM CONTAINING THE FIRE ALARM CONTROL PANEL, AT NORMAL EYE LEVEL.

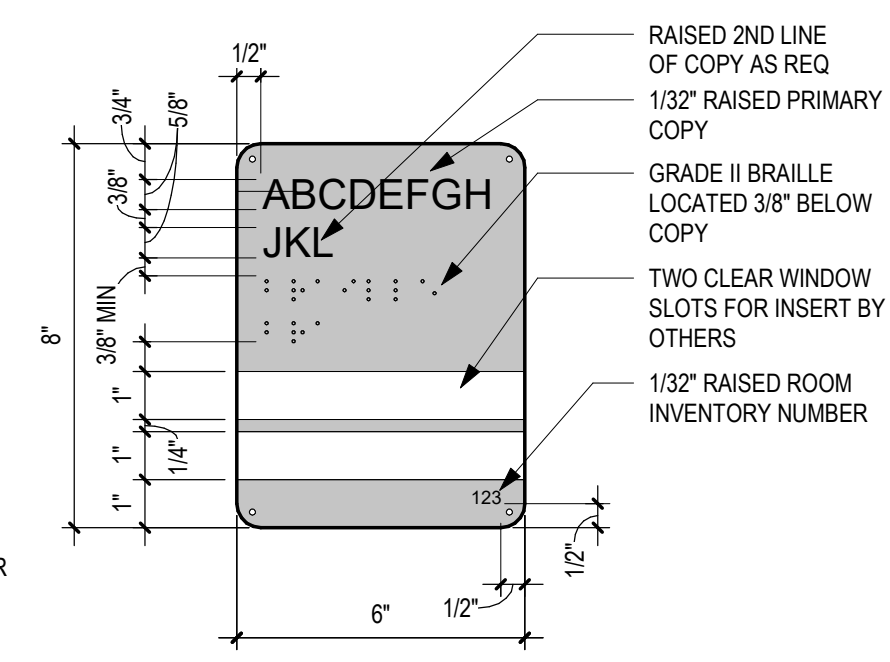
NOTE: FIRE SPRINKLER AND FIRE ALARM CONTROL PANEL ROOMS WITH ACCESS FROM ONLY THE INTERIOR OF THE STRUCTURE MAY BE SIGNED / LABELED SO AS NOT TO DETRACT FROM THE INTERIOR DECOR, PROVIDING THE LETTERS ARE A MINIMUM OF 1" AND OF A CONTRASTING COLOR TO THE BACKGROUND, AS APPROVED BY THE FIRE MARSHAL.

5 FIRE PROTECTION SIGN TEMPLATES SCALE: 1 1/2" = 1'-0"

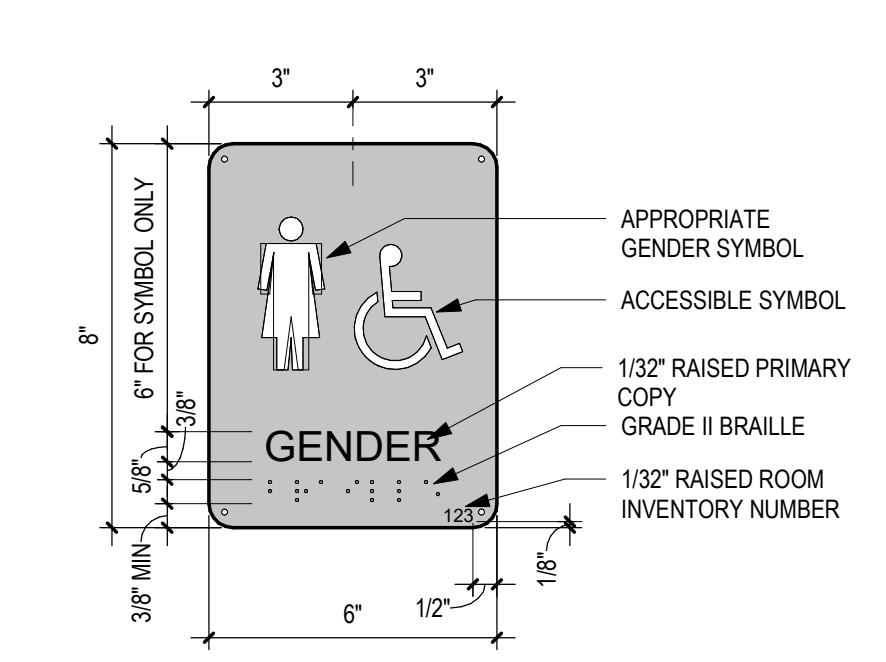
SIGN TYPE A



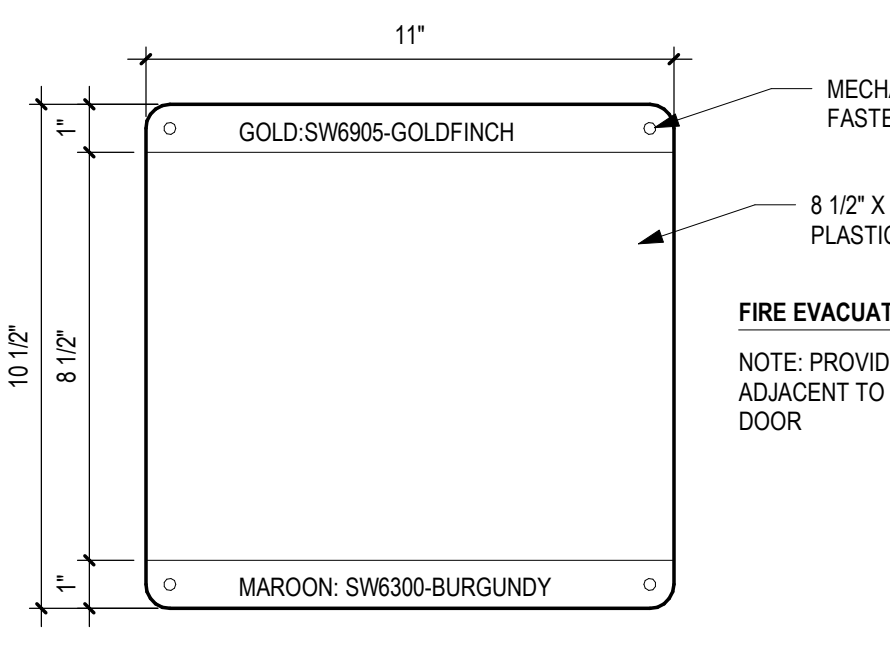
SIGN TYPE B



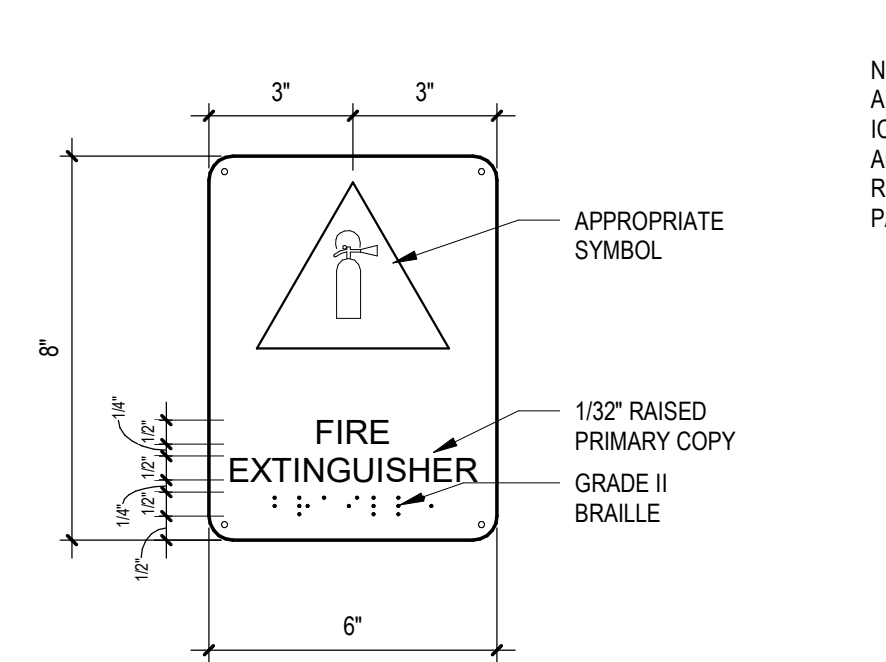
SIGN TYPE C



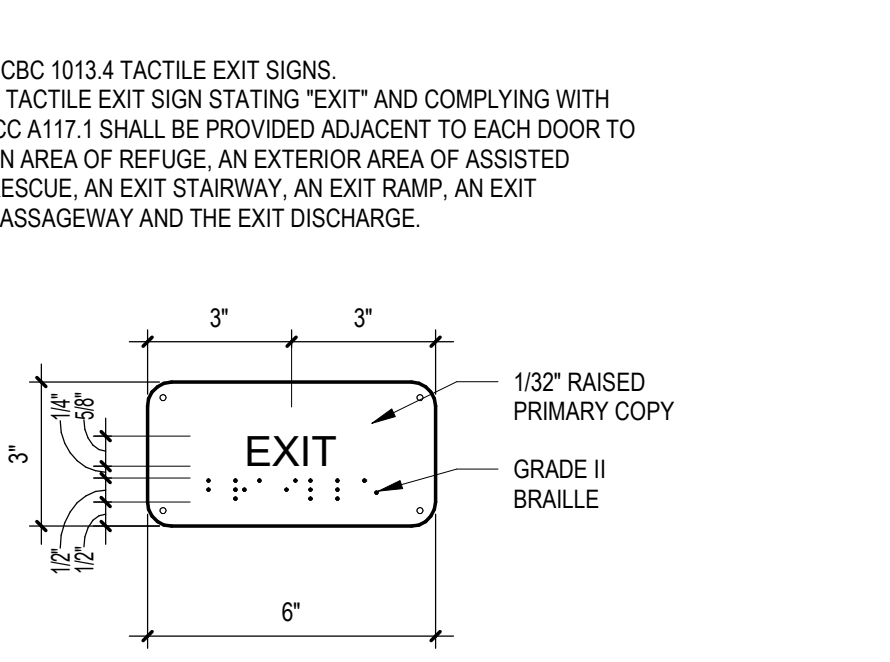
SIGN TYPE FEM



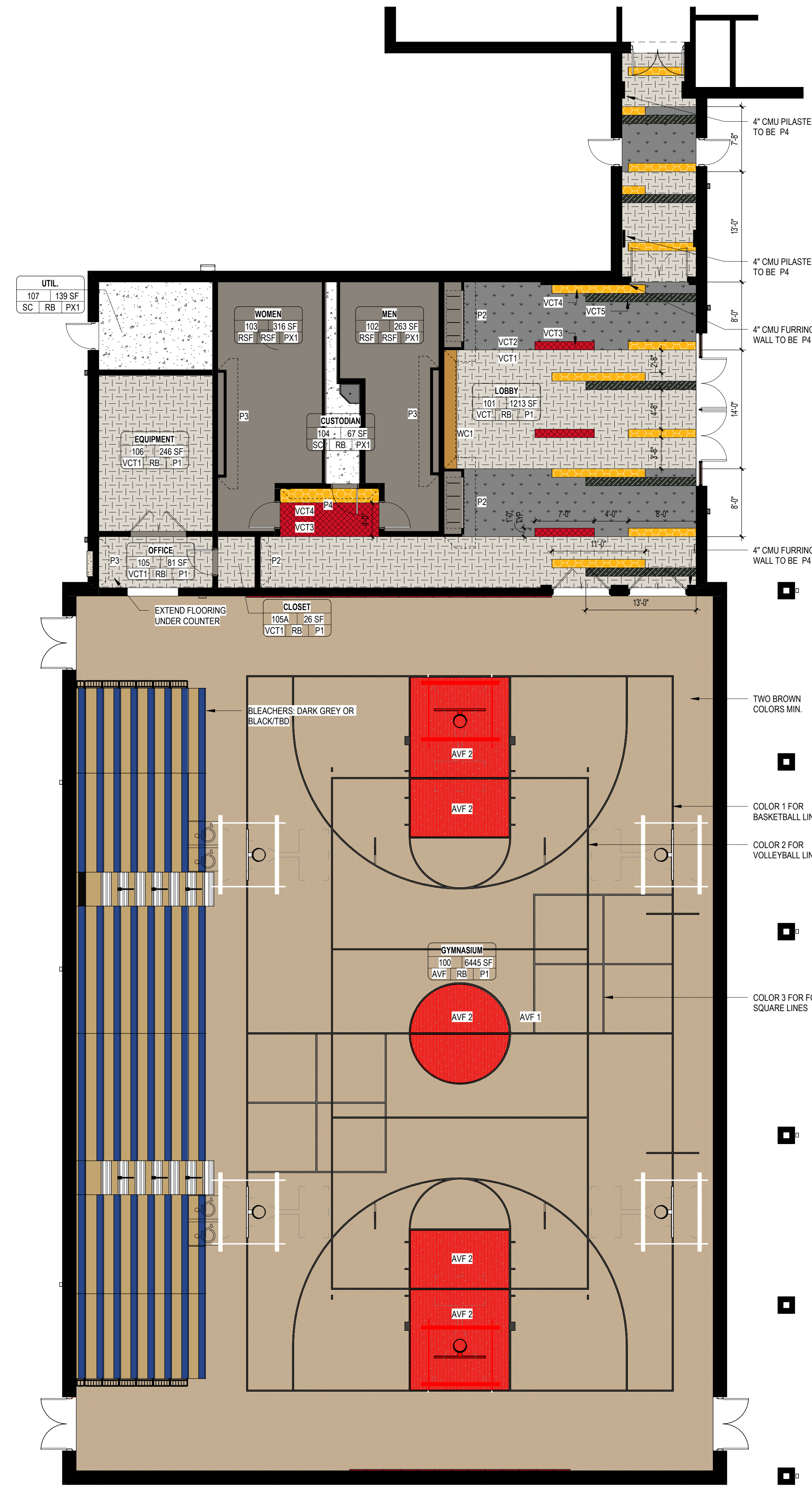
SIGN TYPE F



SIGN TYPE J



4 SIGNAGE ELEVATIONS SCALE: 3" = 1'-0"



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

FINISH FLOOR PATTERN PLAN LEGEND

- SC SEALED CONCRETE TYPICAL ALL SUPPORT/UTILITY SPACES
- RSF RESINOUS FLOORING TYPICAL ALL BATHROOMS
- VCT1 VINYL COMPOSITION TILE WHITE: ARMSTRONG COOL WHITE
- VCT2 VINYL COMPOSITION TILE GREY: ARMSTRONG STERLING
- VCT3 VINYL COMPOSITION TILE RED: ARMSTRONG CRIMSON
- VCT4 VINYL COMPOSITION TILE GOLD: ARMSTRONG SUN GOLD
- VCT5 VINYL COMPOSITION TILE BLACK: ARMSTRONG CHARCOAL
- AWF WOOD ATHLETIC FLOORING
- RAF RUBBER ATHLETIC FLOORING

FINISH FLOOR PLAN LEGEND

- ROOM FINISH TAG**
- | Name | Room |
|------|--------|
| 101A | 150 SF |
| TZ-1 | RB |
| PE-1 | |
- FLOOR FINISH**
BASE FINISH
WALL FINISH
- FINISH TRANSITION**
FINISH 1 --- XXX --- FINISH 2
- EXTENTS OF ACCENT PAINT**
--- XXX ---
- NOTE:** FINISH CODES MARKED WITH AN ASTERISK ** INDICATES MULTIPLE FINISHES IN ROOM. SEE FINISH PLANS AND SCHEDULE FOR MORE INFORMATION.

FINISH ABBREVIATIONS

- FLOOR FINISH ABBREVIATIONS**
- AVF ATHLETIC VINYL FLOORING (3 BROWN COLORS AND ONE RED COLOR)
 - RSF RESINOUS FLOORING
 - SC SEALED CONCRETE
 - VCT VINYL COMPOSITION TILE
- BASE FINISH ABBREVIATIONS**
- RB RUBBER BASE
 - RSF RESINOUS BASE W/ COVE TRIM
- WALL FINISH ABBREVIATIONS**
- AWP ACQUICAL WALL PANELS
 - GWB GYPSUM WALL BOARD
 - PE PAINT - EGGSHELL
 - PF PAINT - FLAT
 - PS PAINT - SEMI GLOSS
 - PX PAINT - EPOXY
 - PLAM PLASTIC LAMINATE
 - SF STOREFRONT
 - SS STAINLESS STEEL
- CEILING FINISH ABBREVIATIONS**
- ACT ACQUICAL CEILING TILES
 - EXP EXPOSED STRUCTURE
 - GWB GYPSUM WALLBOARD
- MISC. FINISH ABBREVIATIONS**
- PL PLASTIC LAMINATE
 - SSM SOLID SURFACE MATERIAL
 - TLP TOILET PARTITIONS
 - LKR LOCKER

GENERAL FINISH NOTES

- THE INTENT OF THIS DRAWING IS TO SUPPLEMENT INFORMATION CONTAINED IN THE ROOM FINISH SCHEDULE. REFER TO THE FINISH PLANS, FINISH MATERIAL SCHEDULE AND ROOM FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- ALL FLOORING TRANSITIONS OCCUR AT THE CENTER OF THE UNDERSIDE OF THE DOOR UNLESS OTHERWISE NOTED.
- REFER TO INTERIOR ELEVATION SHEET FOR ADDITIONAL FINISH APPLICATIONS.
- ALL FINISHES LISTED AS "B'DY" TO BE SELECTED FROM BASIS OF DESIGN MANUFACTURER'S FULL RANGE OF COLORS.

PAINT NOTES

- PAINT P1 STANDARD WALL FIELD IN ALL LOCATIONS U.N.O.
- EPOXY PAINT TYPICAL AT ALL RESTROOMS, JANITOR CLOSETS, AND KITCHEN / SERVING AREAS.
- SEMI GLOSS PAINT TYPICAL AT ALL CONCRETE MASONRY WALLS AND HOLLOW METAL DOOR FRAMES, U.N.O.
- EGGSHELL PAINT TYPICAL AT ALL GYPSUM BOARD WALLS U.N.O.
- FLAT PAINT TYPICAL AT ALL CEILING & BULKHEAD CONDITIONS, U.N.O.
- PAINT COLORS DESIGNATED AT COLUMN SURROUNDS TO BE APPLIED TO ALL SIDES OF COLUMN UP TO CEILING.
- PAINT COLORS DESIGNATED AT BULKHEADS TO BE APPLIED TO ENTIRE VERTICAL AND HORIZONTAL FACES, UNLESS NOTED OTHERWISE IN RCP AND ELEVATIONS.

- P1 WHITE SW6070-HERON PLUME
- P2 GREY SW6754-PEPPER CORN
- P3 GOLD SW6995-GOLDFINCH
- P4 MAROON SW6300-BURGUNDY

...Becoming the Leading Designer of High Performance Facilities in the Nation with a Specialty in Alternative Delivery Methods

333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.4350
F: 919.573.4355
www.sfa.biz

sfa
ARCHITECTS

CERT. NO. 90876
SOUTH CAROLINA ARCHITECTS BOARD
REGISTERED ARCHITECT
ALEXANDER W. FERRIS
ARCHITECT
RALEIGH, N.C.

CONSTRUCTION DOCUMENTS

Harnett County Schools

LILLINGTON-SHAWTOWN ELEMENTARY

GYMNASIUM ADDITION

855 Old US Highway 421, Lillington NC 27546

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 07-26-24
PROJECT #: 02110.300
DRAWN BY: JK
CHECKED BY: Checker
© 2024 Sfa Architects, PA
All Rights Reserved

FINISH PLAN + SCHEDULE

*A701

ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However, architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.

E

D

C

B

A

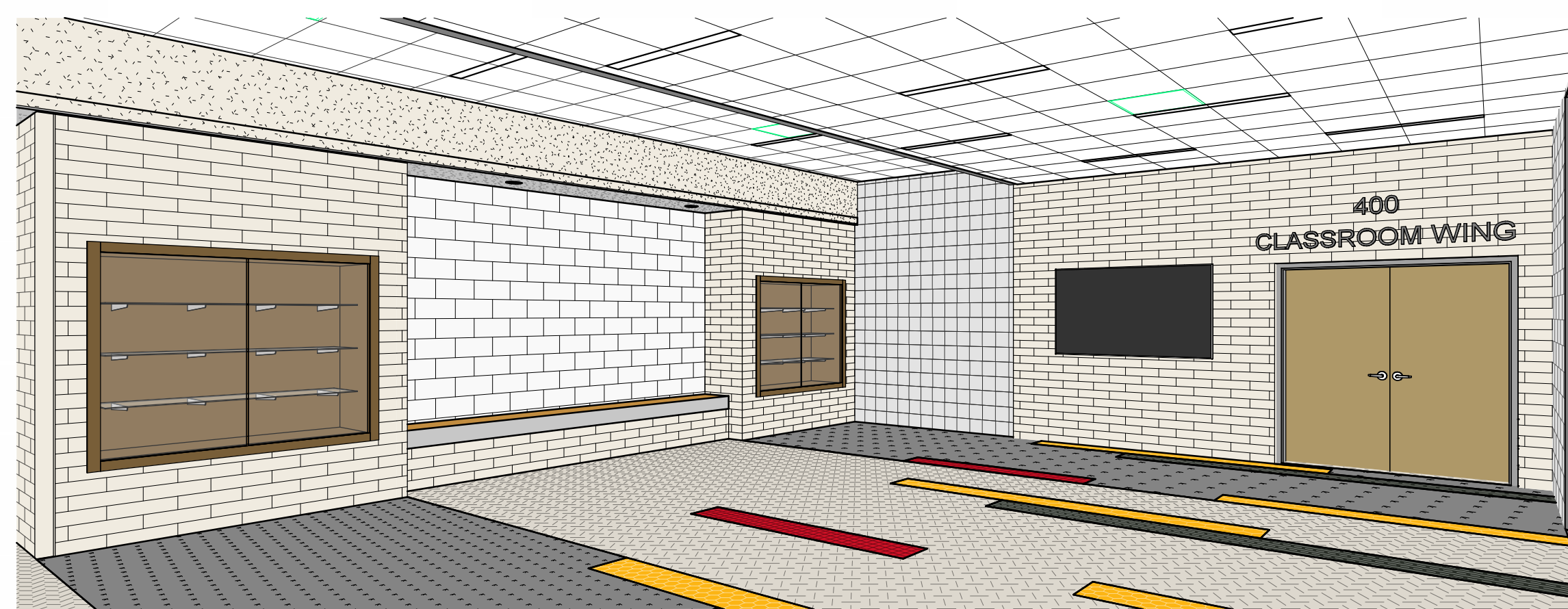
5

4

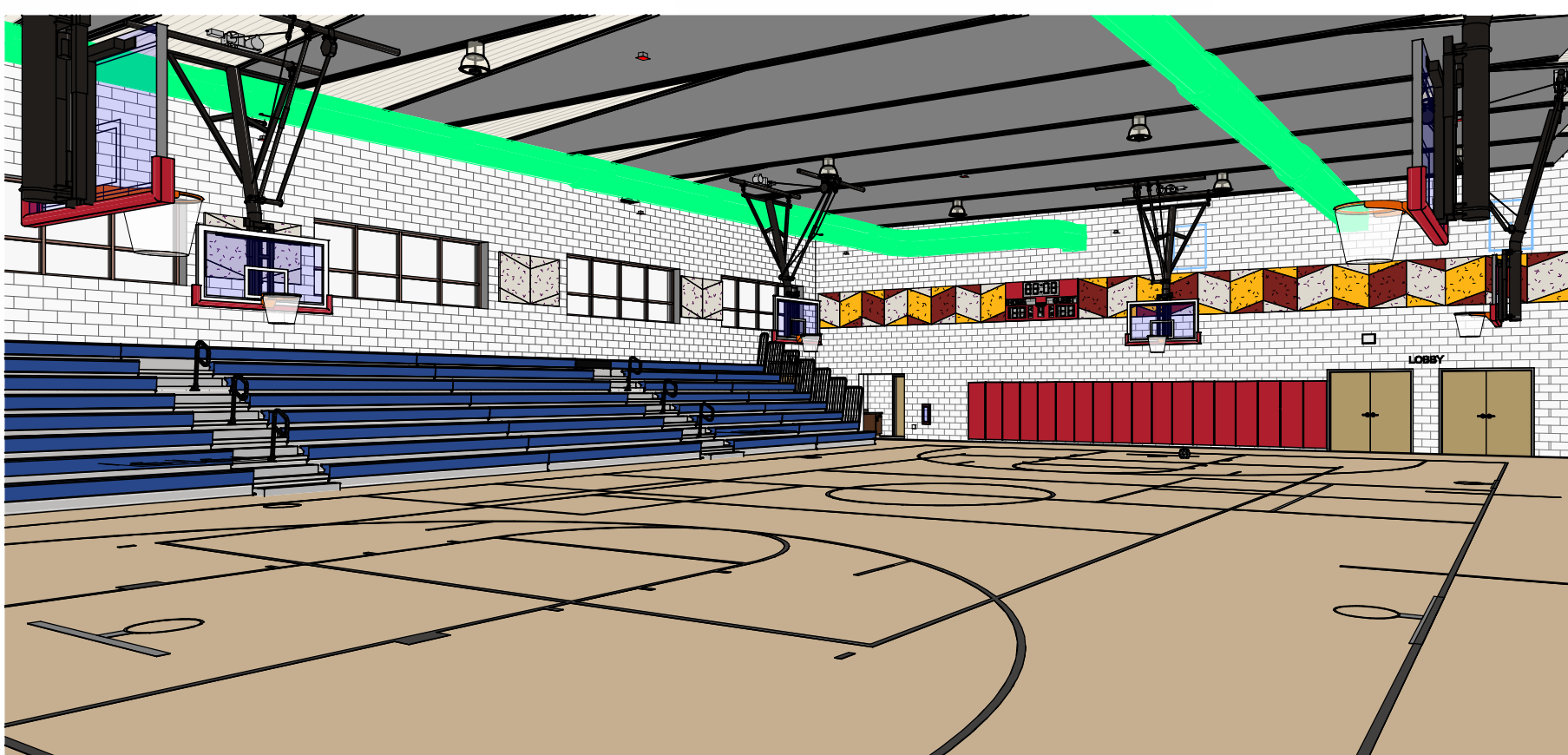
3

2

1



1 LOBBY PERSPECTIVE
A801 SCALE:



2 GYM PERSPECTIVE
A801 SCALE:

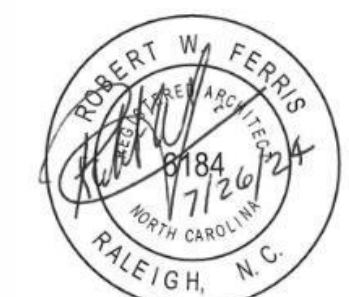


3 EXTERIOR PERSPECTIVE
A801 SCALE:

...Becoming the
Leading Designer of
High Performance Facilities
in the Nation with a
Specialty in Alternative
Delivery Methods

333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919-573-4350
F: 919-573-4355
www.sfl+a.biz

sfl+a
ARCHITECTS



CONSTRUCTION DOCUMENTS

Harnett County Schools
**LILLINGTON-SHAWTOWN ELEMENTARY
GYMNASIUM ADDITION**
855 Old US Highway 421, Lillington NC 27546



No.	Date	Description

ISSUE DATE: 07-26-24
PROJECT #: 02110.300
DRAWN BY: Author
CHECKED BY: Checker
© 2024 SFL+A Architects, PA
All Rights Reserved

3D VIEWS

*A801