

# CAMPBELL COURT E.S. ELEVATOR ADDITION

## HENRY COUNTY PUBLIC SCHOOLS

### RRMM ARCHITECTS, PC

ARCHITECTURE / PLANNING / INTERIORS

28 Church Avenue SW  
Roanoke, VA 24011  
(540) 344-1212

VICINITY MAP



CONSULTANTS

Day & Kinder Consulting  
**STRUCTURAL ENGINEERING**  
3959 Electric Road, Suite 348  
Roanoke, VA 24018  
Phone: 540-774-5706

Lawrence Perry & Associates, Inc.  
**MEP ENGINEERING**  
15 East Salem Ave, SE, Suite 101  
Roanoke, VA 24011  
Phone: 540-342-5167

OWNER

HENRY COUNTY PUBLIC SCHOOLS  
Mr. Keith Scott - Director of Facilities  
2285A Fairstone Park Hwy  
Bassett, VA 24055  
P: (276) 666-2404

LOCATION MAP

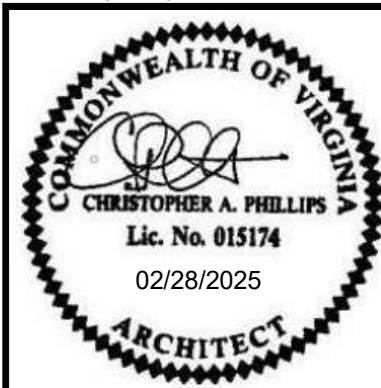


SHEET INDEX	
Sheet Number	Sheet Title
PROJECT TITLE SHEET	
G-001	TITLE SHEET
STRUCTURAL	
S-100	GENERAL STRUCTURAL NOTES, SCHEDULES AND TYP. SECTIONS
S-101	FLOOR PLANS
S-102	SECTIONS
LIFE SAFETY	
LS101	LIFE SAFETY PLANS
LS102	BUILDING CODE ANALYSIS
ARCHITECTURAL	
A-001	ARCHITECTURAL GENERAL INFO & PARTITION TYPES
A-100	OVERALL PLAN AND GENERAL NOTES
A-101	FIRST FLOOR PLANS
A-102	SECOND FLOOR PLANS
A-103	FIRST FLOOR REFLECTED CEILING PLANS
A-104	SECOND FLOOR REFLECTED CEILING PLANS
A-105	ROOF PLANS AND DETAILS
A-201	ENLARGED PLANS, ELEVATIONS, AND SECTIONS
A-301	BUILDING SECTIONS AND STAIR - RAMP SECTIONS
A-302	STAIR, RAMP AND RAILING DETAILS
A-303	ELEVATOR DETAILS AND SECTION DETAILS
A-401	FINISH SCHEDULE AND DETAILS
PLUMBING	
P-101	LEGEND, FLOOR PLANS, DETAIL AND NOTES - PLUMBING
MECHANICAL	
M-001	HVAC LEGEND AND NOTES
M-101	FIRST FLOOR DEMOLITION & NEW WORK PLANS - HVAC
M-102	SECOND FLOOR DEMOLITION & NEW WORK PLANS - HVAC
ELECTRICAL	
E-001	ELECTRICAL LEGEND, ABBREVIATIONS AND NOTES
E-002	ELECTRICAL PANEL SCHEDULES
E-101	FIRST & SECOND FLOOR DEMOLITION PLAN AND NEW WORK PLAN - LIGHTING & FIRE ALARM
E-102	FIRST FLOOR NEW WORK PLAN - POWER, DATA & FIRST & SECOND FLOOR NEW WORK PLAN - FIRE ALARM



MARK	DATE	BY	DESCRIPTION

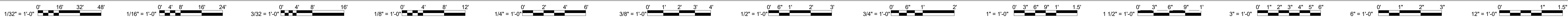
DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG
02.28.25	21195-18	RRMM	RRMM	RRMM	RRMM



PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055  
DRAWING TITLE SHEET

SHEET  
G-001

BID# 25-08193-3130





GENERAL STRUCTURAL NOTES

CODE:  
2021 VIRGINIA CONSTRUCTION CODE  
DESIGN LOADS:  
RISK CATEGORY III  
ROOF LIVE LOAD = 30 PSF

WIND LOADS:  
BASIC WIND SPEED = 116 MPH (3 SECOND GUST) ULT.  
90 MPH (3 SECOND GUST) ASD  
EXPOSURE 'B'  
Gz = +0.18  
qz = 23 PSF VELOCITY PRESSURE  
GROUND SNOW LOAD = 41 PSF  
I = 1.1  
Ce = 1.0  
Ct = 1.0  
Pf = 32 PSF  
Cs = 1.0  
DRIFT SURCHARGE - N/A  
DRIFT WIDTH - N/A  
RAIN ON SNOW = 5 PSF

SEISMIC LOADS:  
Sa = 0.21g  
Si = 0.07g  
SDs = 0.17g  
SD1 = 0.10g  
R = 2.0 ORDINARY REINFORCED CMU BEARING WALLS  
I = 1.25  
SEISMIC RESPONSE COEFFICIENT (Cs) = 0.103  
EQUIVALENT LATERAL FORCE PROCEDURE  
SEISMIC DESIGN CATEGORY 'B'  
SITE CLASSIFICATION 'B'

ICE: THICKNESS 0.99 INCHES  
GUST SPEED = 38 MPH  
CONCURRENT TEMPERATURE = 15 DEGREES (F)  
RAIN = 6.11 IN/HR (15 MINUTE RAINFALL INTENSITY)  
TORNADO:  
VT = 50  
Kztor = 1.0  
Kd = 1.0  
Qz = 6.4 PSF (TORNADO VELOCITY PRESSURE)

SHEETS S-100 THRU S-102 ARE STRUCTURAL DESIGN DRAWINGS ONLY (REQUIRED FOR THE FOUNDATION PLAN, FLOOR FRAMING PLAN, ROOF FRAMING PLAN, SECTIONS, AND DETAILS AND SCHEDULES). ANY REFERENCE TO ARCHITECTURAL MATERIALS, SYSTEMS, OR CONCRETS IS FOR CLARITY ONLY.  
ALL FILL AND UNSUITABLE FOUNDATION MATERIAL SHALL BE REMOVED AND FOOTINGS SHALL REST ON UNDISTURBED SOIL OR ENGINEERED FILL AS DIRECTED BY THE GEOTECHNICAL ENGINEER.  
FOOTINGS ARE DESIGNED FOR A MINIMUM ASSUMED SOIL BEARING CAPACITY OF 1500 PSF.

ALL CONCRETE SHALL BE 4000 PSI. ALL MATERIALS AND PROCESSES TO THIS END SHALL CONFORM IN GENERAL TO ACI RECOMMENDED PRACTICE FOR THE DESIGN OF CONCRETE MIXES. (ACI-613 LAST REVISED). AIR < 3%, SLUMP: 4 TO 5 INCHES.

STEEL REINFORCING SHALL BE BILLET STEEL ASTM A-615, GRADE 60.

CUTS, HOLES, COPINGS, ETC. IN STRUCTURAL STEEL MEMBERS REQUIRED BY WORK OF OTHER TRADES SHALL BE MADE IN THE SHOP AND SHALL BE SHOWN ON THE SHOP DRAWINGS. BURNING OF HOLES OR CUTS IN THE FIELD WILL NOT BE PERMITTED WITHOUT SPECIFIC APPROVAL OF THE ENGINEER.

FOR OPENINGS IN THE ROOF, SEE ARCHITECTURAL AND MECHANICAL DRAWINGS.

ALL GROUT FOR MASONRY WALLS SHALL BE 3000 PSI (MINIMUM).

fm FOR ALL LIGHT WEIGHT MASONRY SHALL BE 1900 PSI (MIN) BASED ON NET AREA (ASTM C-90).

PROVIDE 9 GAUGE GALVANIZED JOINT REINFORCEMENT IN ALL MASONRY WALLS AT 1'-4" O.C.

STEEL ROOF DECK SHALL BE INTERLOCKING RIB TYPE PREFABRICATED SHEET STEEL UNITS, VULCRAFT, TYPE 1.59 AS SPECIFIED ON DRAWINGS (OR EQUAL). 22 GAGE AND 1 1/2" DEEP. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. PROVIDE PUDDLE WELDS OR #12 SCREWS AT 12" O.C. AT ALL SUPPORTING MEMBERS, AND SCREW SIDE LAPS AT 24" O.C. WITH MINIMUM #8 SCREWS. ROOF DECK SHALL BE FABRICATED AS 3 SPAN MINIMUM.

STEEL FORM DECK SHALL BE 0.6 C AS MANUFACTURED BY VULCRAFT (OR EQUAL). 9/16" DEEP AND 28 GAUGE. INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

UNLESS NOTED OTHERWISE, ALL SUPPORTED FLOOR SLABS ON METAL DECK SHALL BE REINFORCED WITH 6X6 - W1.4 X W1.4 W.W.F. EQUALLY SPACED BETWEEN TOP OF METAL DECK AND TOP OF CONCRETE SLAB.

ROUND STEEL PIPE SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-501. SQUARE AND RECTANGULAR STEEL TUBING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-500, GRADE B. ALL STRUCTURAL STEEL BEAMS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36, Fy = 50 KSI. ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-36. ALL STEEL SHALL RECEIVE ONE COAT OF SHOP PAINT, UNLESS NOTED OTHERWISE.

UNLESS NOTED OTHERWISE, ALL BEAM SHEAR CONNECTIONS SHALL BE DESIGNED FOR ONE HALF THE ALLOWABLE UNIFORMLY DISTRIBUTED LOADING IN ACCORDANCE WITH THE UNIFORM LOAD CONSTANTS AS TABULATED IN THE AISC MANUAL (FOURTEENTH EDITION) FOR THE INDICATED SPAN PLUS 2 KIPS.

ALL BOLTS SHALL BE 3/4" DIAMETER, ASTM A-325 TYPE "X", UNLESS OTHERWISE SHOWN OR NOTED.

STEEL JOISTS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE STEEL JOIST INSTITUTE. BRIDGING SHALL BE BY STEEL MEMBERS WITH L/R NOT TO EXCEED 300. END JOISTS SHALL BE BRACED AND TIED TO ADJACENT STRUCTURAL MEMBERS.

ALL JOIST BRIDGING AND BRIDGING ANCHORS SHALL BE COMPLETELY INSTALLED BEFORE CONSTRUCTION LOADS ARE PLACED ON THE JOISTS.

ALL LINTELS TO HAVE 8" MINIMUM BEARING ON SOLID GROUTED MASONRY UNITS, UNLESS NOTED OTHERWISE.

PROVIDE ANGLE 3 1/2" X 3 1/2" X 1/4" FOR EACH 4" OF MASONRY WALL THICKNESS OVER GRILLES, LOUVERS, PANEL BOXES, DUCTS AND OTHER MISCELLANEOUS OPENINGS NOT LISTED IN SCHEDULE.

USE TWO COURSES OF SOLID GROUTED CMU UNDER ALL BEAM BEARING PLATES AND BEAMS BEARING INTO MASONRY WALLS.

ALL DIMENSIONS SHOWN ON THIS DRAWING SHALL BE VERIFIED BY THE CONTRACTOR AT THE PROJECT SITE PRIOR TO COMMENCING CONSTRUCTION OR FABRICATION OF BUILDING ELEMENTS.

REFER TO ARCHITECTURAL DRAWINGS FOR FULLY DIMENSIONED FLOOR PLANS. FOR DISCREPANCIES IN DIMENSIONS - ARCHITECTURAL DIMENSIONS CONTROL.

REINFORCE ALL 8" CMU WALL WITH #4'S AT 1'-4" O.C. PROVIDE (1) ADDITIONAL #4 BAR AT ALL CORNERS AND JAMES OF DOORS AND WINDOWS. FILL CMU SOLID WITH 3000 PSI GROUT FULL HEIGHT OF WALL AT VERTICAL WALL REINFORCING.

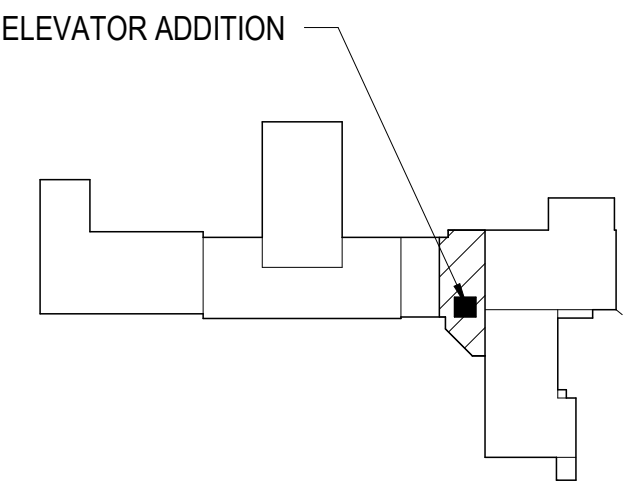
SCHEDULES

COLUMN SCHEDULE				
MARK	SIZE	BASEPLATE	ANCHOR BOLTS	REMARKS
C1	HSS 6" X 6" X 1/4"	3/4" X 14" X 14"	4 - 3/4" DIA.	---
COLUMN NOTES: 1. ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 9" EMBEDMENT WITH 3" LEG, UNLESS OTHERWISE NOTED. 2. PROVIDE 1/4" COLUMN CAPS AT ALL HSS COLUMNS. 3. ALL ANCHOR BOLTS SHALL BE F1554 GRADE 36 KSI.				

FOOTING SCHEDULE			
MARK	SIZE	REINFORCING	REMARKS
F1	1'-0" X 2'-0" X CONT.	3 - #5'S CONT.	---
			---

LINTEL SCHEDULE			
MARK	SIZE	TYPE	REMARKS
L1	8" CMU BOND BEAM FILL SOLID WITH GROUT WITH (2) #5'S CONT.		NOTES 1, 2, 3, 4
L2	(3) 5" X 3 1/2" X 1/4" LVL STEEL ANGLES		NOTE 5
LINTEL NOTES: 1. PROVIDE MINIMUM 8" BEARING ON SOLID GROUTED MASONRY AT EACH END OF ALL LINTELS, UNLESS NOTED OTHERWISE. 2. SEE ARCHITECTURAL DRAWINGS FOR LINTEL ELEVATIONS. 3. FILL SOLID W/ 3000 PSI GROUT. 4. BOND BEAM WIDTH SHALL MATCH WALL WIDTH. 5. PROVIDE 8" OF BEARING EACH END OF LINTEL.			

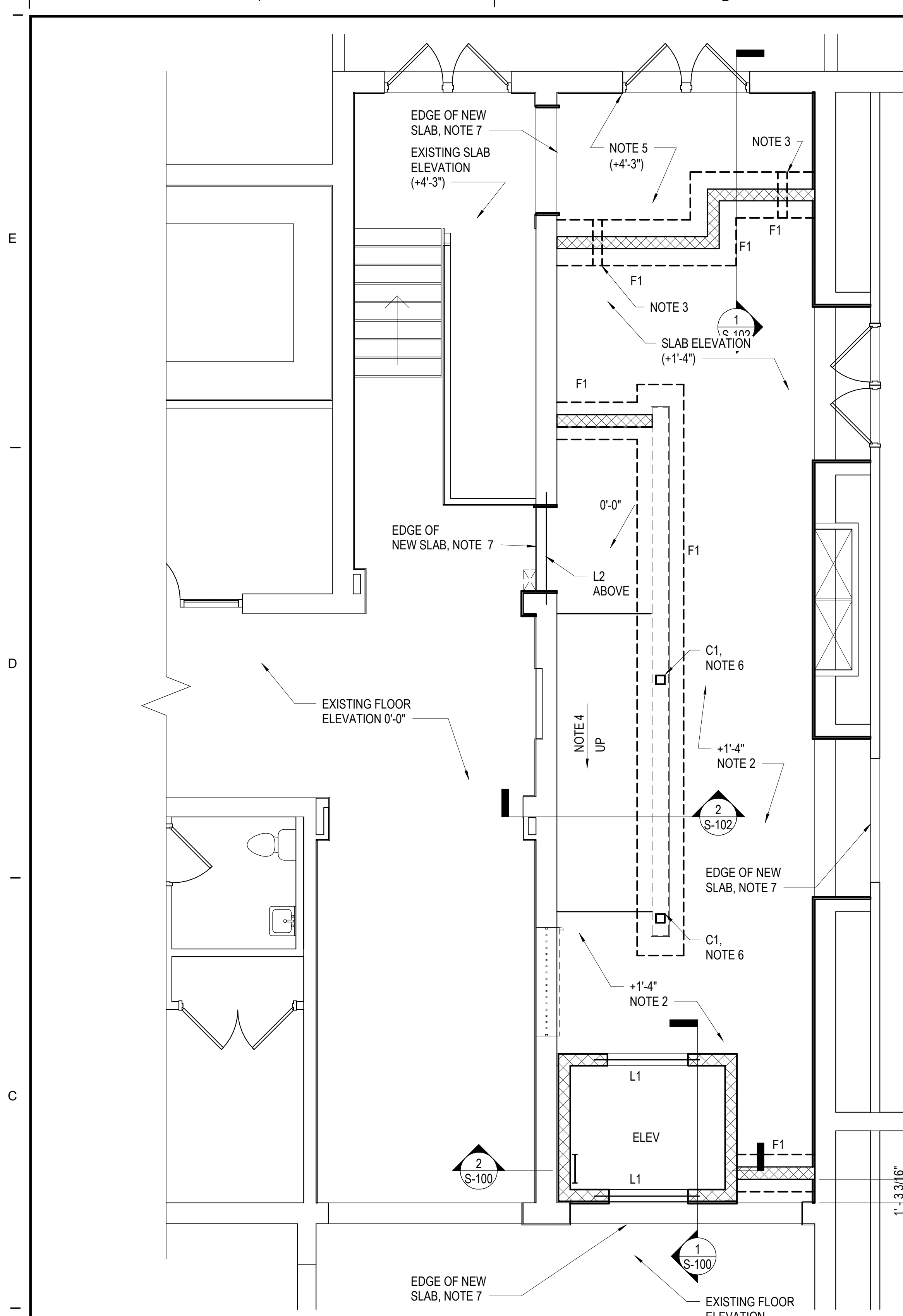
REBAR LAP LENGTHS		
BAR SIZE	LAP LENGTH (MIN.)	REMARKS
#4	24"	----
#5	30"	----
#6	36"	----
#7	42"	----
#8	48"	----
#9	52"	----
NOTES: 1. ALL FOOTING DOWELS SHALL BE EMBEDDED TO WITHIN (3") OF THE BOTTOM OF FOOTING WITH A MINIMUM 3" LEG.		



KEY PLAN

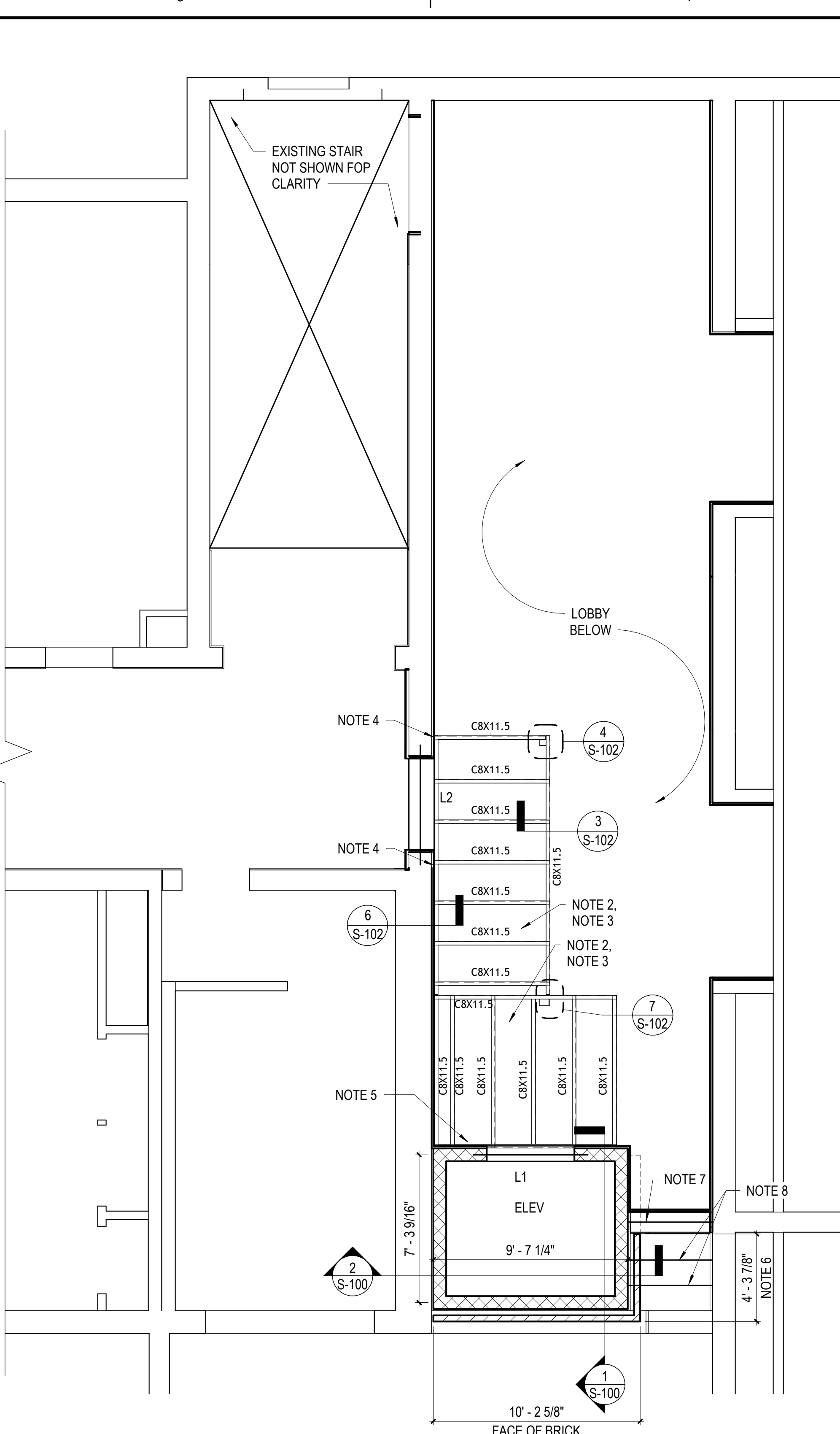
SECTION 2/S-100  
SCALE: N.T.S.

SECTION 1/S-100  
SCALE: N.T.S.



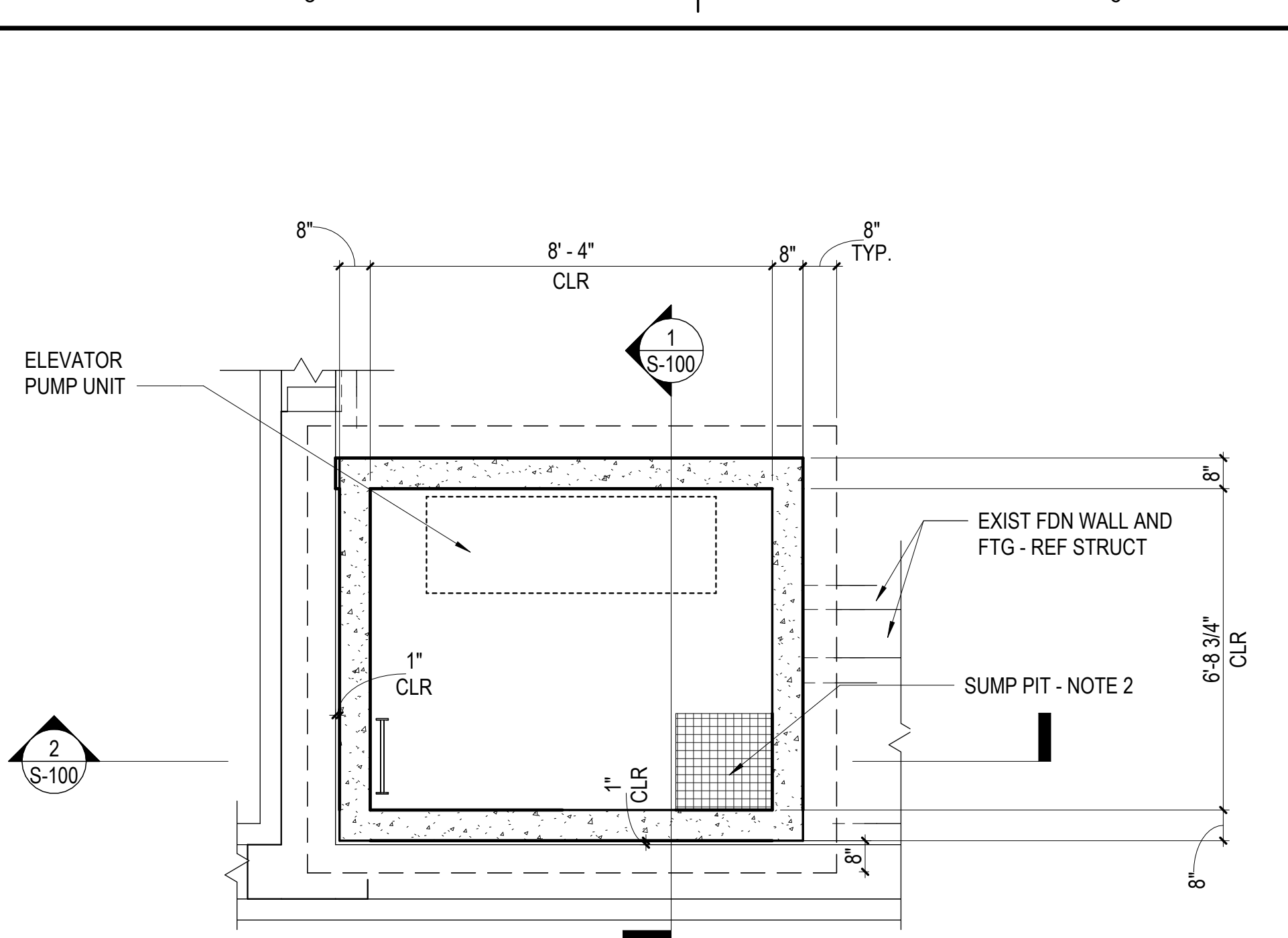
FIRST FLOOR PLAN  
SCALE: N.T.S.

1. SEE SHEET S-100 FOR GENERAL STRUCTURAL NOTES, SCHEDULES AND SECTIONS.
2. PROVIDE 4\"/>
3. STEP FOOTING TO MATCH EXISTING FOOTING ELEVATION.
4. RAMP. PROVIDE 4\"/>
5. PROVIDE 4\"/>
6. C1 COLUMNS TO BEAR ON TOP OF FOOTING.
7. PROVIDE #4 DOWELS X 1'-0\"/>



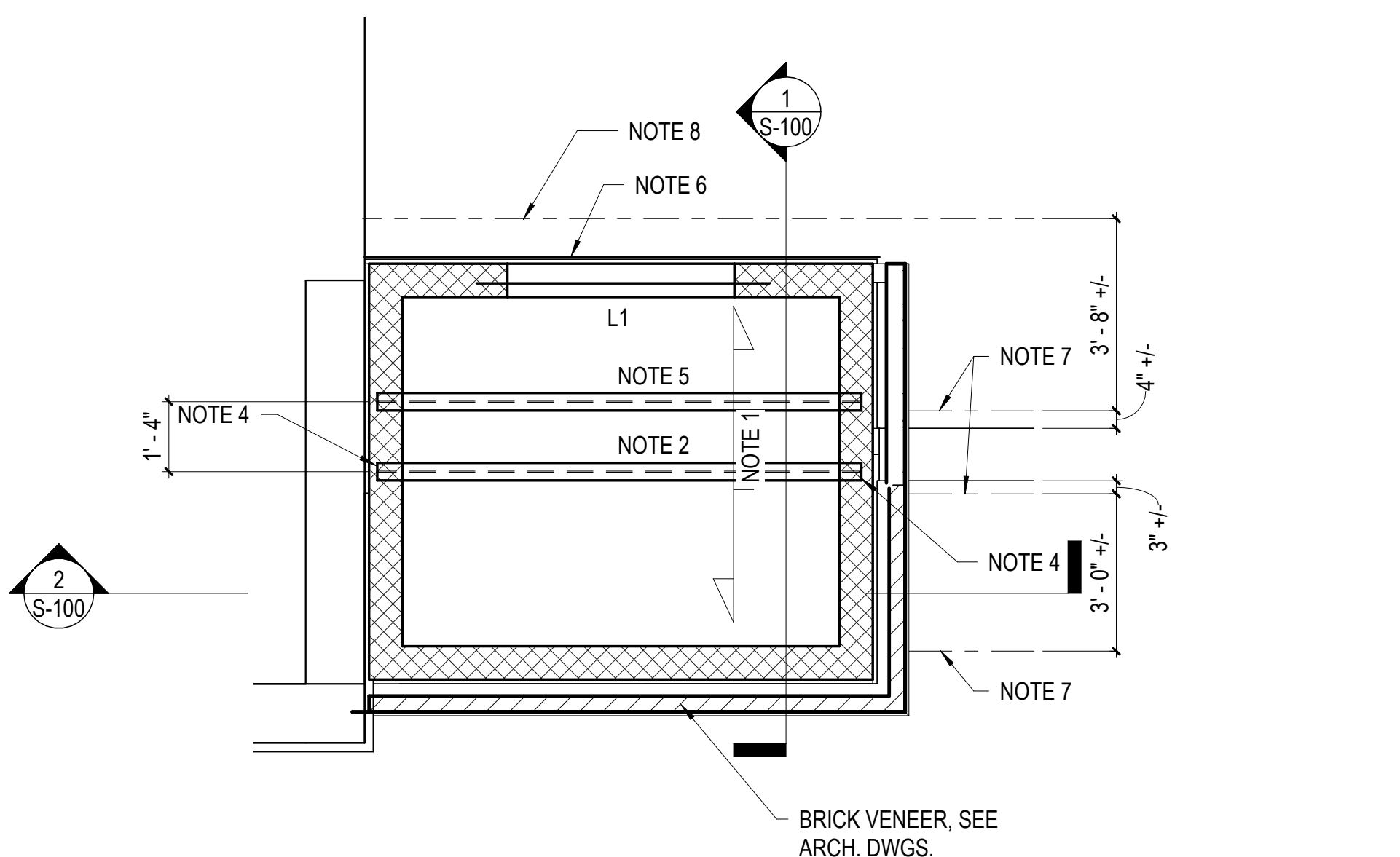
SECOND FLOOR PLAN  
SCALE: N.T.S.

1. SEE SHEET S-100 FOR GENERAL STRUCTURAL NOTES, SCHEDULES AND SECTIONS.
2. FLOOR CONSTRUCTION SHALL BE 4\"/>
3. FINISH FLOOR ELEVATION SHALL BE (+13'-6 1/2").
4. POCKET NEW CHANNEL 6\"/>
5. PROVIDE C8X11.5 LEDGER CHANNEL USE 3/4\"/>
6. G.C. VERIFY DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND FIELD CONDITIONS.
7. EXISTING W8X17 AT +17'-6\"/>
8. SHORE AND CUT EXISTING ROOF JOIST. SEE SECTION 8/S-102 (SIMILAR) FOR RESUPPORT OF CUT ROOF JOISTS.



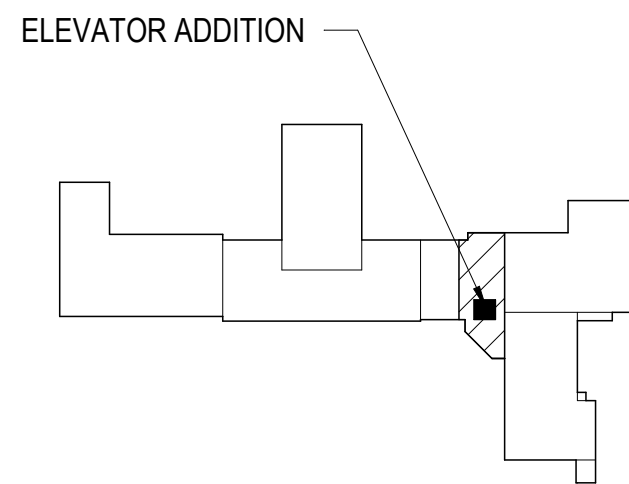
ELEVATOR PIT PLAN  
SCALE: N.T.S.

1. PROVIDE 12\"/>
2. SEE PLUMBING DRAWINGS FOR SUMP PIT LOCATION AND SIZE. REINFORCE PIT WALLS WITH #4/S AT 12\"/>



ROOF PLAN  
SCALE: N.T.S.

1. SEE SHEET S-100 FOR GENERAL STRUCTURAL NOTES, SCHEDULES AND SECTIONS.
2. TYPICAL ROOF CONSTRUCTION SHALL BE 5\"/>
3. W8X24 ELEVATOR HOIST BEAM. BOTTOM OF HOIST BEAM ELEVATION (+12'-4\") ABOVE SECOND FLOOR.
4. PROVIDE BEARING PLATE 3/8\"/>
5. W8X24 FALL PROTECTION BEAM. BOTTOM OF FALL PROTECTION BEAM ELEVATION (+12'-4\"/>
6. CONT. ANGLE 4\"/>
7. SHORE AND CUT EXISTING ROOF JOISTS. SEE SECTION 8/S-102 FOR RESUPPORT OF CUT ROOF JOISTS.
8. EXISTING ROOF JOIST TO REMAIN.



KEY PLAN

MARK	DATE	BY	DESCRIPTION

DAY AND KINDER  
ENGINEERS, P.L.L.C.  
P.O. BOX 20187  
3959 ELECTRIC ROAD  
SUITE 348  
ROANOKE, VIRGINIA 24018  
PHONE: 540-774-5706  
Email: day@dayandkinder.com  
COMM. NO. 24-154

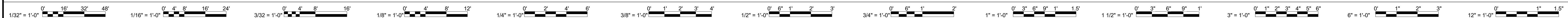
DATE	2-27-2025	PROJECT	21195-18	DESIGNED	JFK	BMB	JFK

**RRMM**  
ARCHITECTS, PC  
28 Church Ave SW  
Roanoke, Virginia 24011  
(540)344-1212

COMMONWEALTH OF VIRGINIA  
JAMES F. KINDER, JR.  
Lic. No. 015761  
2-27-2025  
PROFESSIONAL ENGINEER

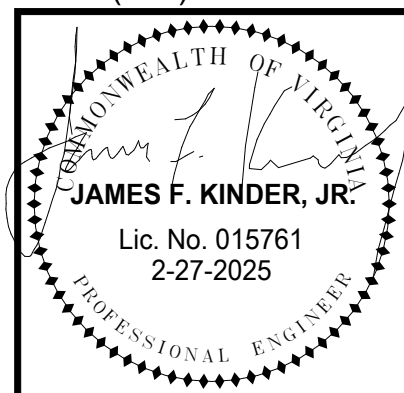
PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055  
DRAWING FLOOR PLANS

SHEET  
S-101

[illegible]

**DAY AND KINDER  
CONSULTING  
ENGINEERS, P.L.L.C.**  
P.O. BOX 20187  
3959 ELECTRIC ROAD  
SUITE 348  
ROANOKE, VIRGINIA 24018  
PHONE: 540-774-5706  
Email: [Jay@dayandkinder.com](mailto:Jay@dayandkinder.com)  
COMM. NO. 24-154

DATE	2-27-2025
PROJECT	21195-18
DESIGNED	JFK
DRAWN	BMB
CHECKED	JFK



PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24065

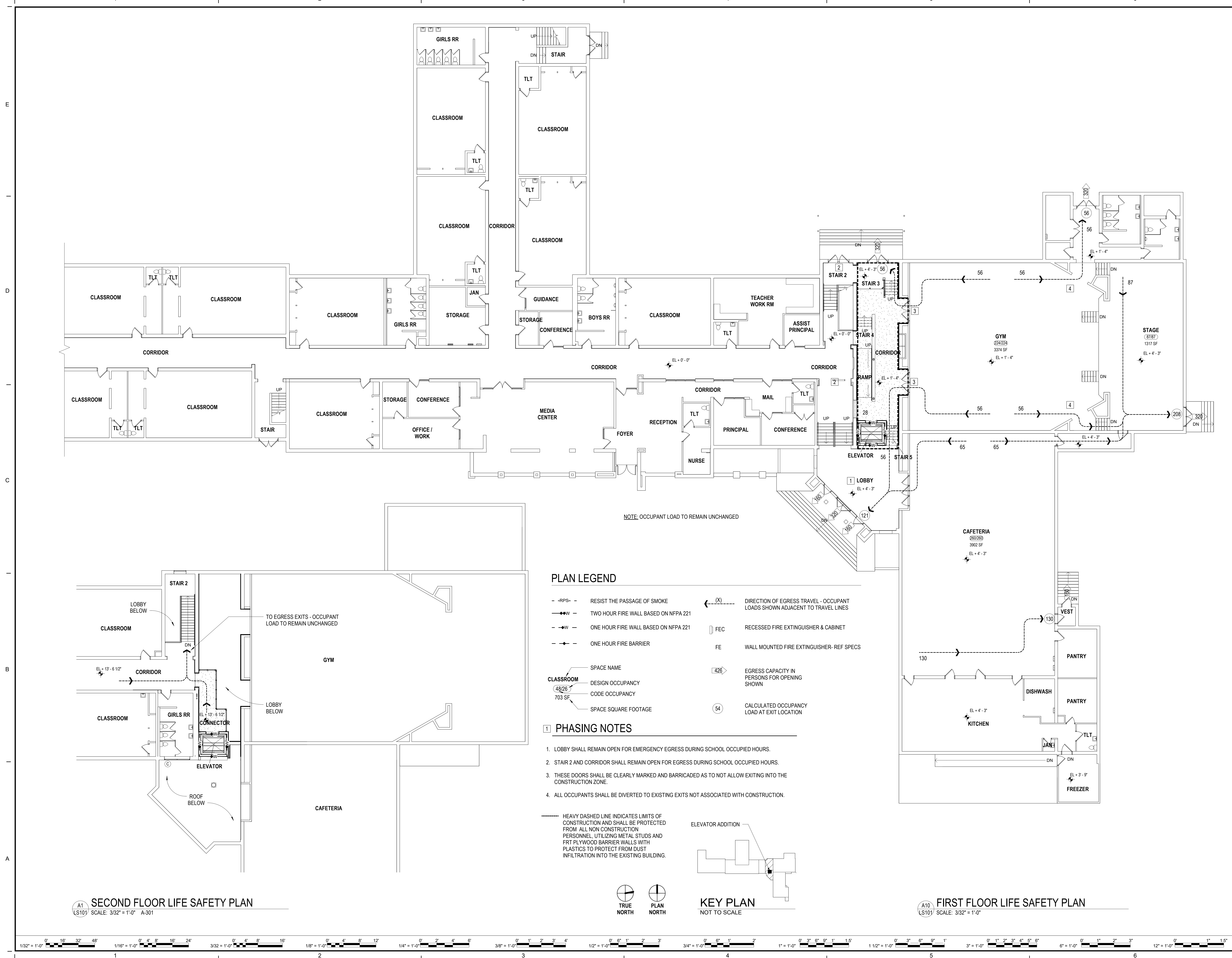
DRAWING SECTIONS

SHEET

S-102



2/21/2025 2:31:44 PM Autodesk Docs/2/1195-18 HGPS Campbell Court ES21195-18 04 HGPS Campbell Court ES - ARCH.rvt



A1 SECOND FLOOR LIFE SAFETY PLAN  
LS101 SCALE: 3/32" = 1'-0" A-301

**PLAN LEGEND**

-RPS-	RESIST THE PASSAGE OF SMOKE	(X)---	DIRECTION OF EGRESS TRAVEL - OCCUPANT LOADS SHOWN ADJACENT TO TRAVEL LINES
---W---	TWO HOUR FIRE WALL BASED ON NFPA 221	FEC	RECESSED FIRE EXTINGUISHER & CABINET
-W---	ONE HOUR FIRE WALL BASED ON NFPA 221	FE	WALL MOUNTED FIRE EXTINGUISHER- REF SPECS
---	ONE HOUR FIRE BARRIER	426	EGRESS CAPACITY IN PERSONS FOR OPENING SHOWN
CLASSROOM	SPACE NAME	54	CALCULATED OCCUPANCY LOAD AT EXIT LOCATION
48/26	DESIGN OCCUPANCY		
703 SF	CODE OCCUPANCY		
	SPACE SQUARE FOOTAGE		

- 1 PHASING NOTES**
1. LOBBY SHALL REMAIN OPEN FOR EMERGENCY EGRESS DURING SCHOOL OCCUPIED HOURS.
  2. STAIR 2 AND CORRIDOR SHALL REMAIN OPEN FOR EGRESS DURING SCHOOL OCCUPIED HOURS.
  3. THESE DOORS SHALL BE CLEARLY MARKED AND BARRICADED AS TO NOT ALLOW EXITING INTO THE CONSTRUCTION ZONE.
  4. ALL OCCUPANTS SHALL BE DIVERTED TO EXISTING EXITS NOT ASSOCIATED WITH CONSTRUCTION.

HEAVY DASHED LINE INDICATES LIMITS OF CONSTRUCTION AND SHALL BE PROTECTED FROM ALL NON CONSTRUCTION PERSONNEL UTILIZING METAL STUDS AND FRT PLYWOOD BARRIER WALLS WITH PLASTICS TO PROTECT FROM DUST INFILTRATION INTO THE EXISTING BUILDING.

**ELEVATOR ADDITION**

**KEY PLAN**  
NOT TO SCALE

TRUE NORTH  
PLAN NORTH

A10 FIRST FLOOR LIFE SAFETY PLAN  
LS101 SCALE: 3/32" = 1'-0"

PROJECT	CAMPBELL COURT E.S. ELEVATOR ADDITION HENRY COUNTY PUBLIC SCHOOLS 220 CAMPBELL CT BASSETT, VA 24055
DRAWING	LIFE SAFETY PLANS
SHEET	LS101

DATE	02.28.25
PROJECT	21195-18
DESIGNED	RRMM
DRAWN	RRMM
CHECKED	ACG

MARK	DATE	BY	DESCRIPTION

**RRMM ARCHITECTS, PC**  
28 Church Ave SW  
Roanoke, Virginia 24011  
(540)344-1212

CRISTOPHER A. PHELPS  
Lic. No. 015174  
02/28/2025  
ARCHITECT

2/21/2025 2:31:44 PM Autodesk Docs/2/1195-18 HCPSS Campbell Court ES021195-18 04 HCPSS Campbell Court ES - ARCH.rvt

E

D

C

B

A

CAMPBELL COURT ELEMENTARY SCHOOL ELEVATOR ADDITION

APPLICABLE CODES

2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE, PART 1, CONSTRUCTION INCLUDING BY REFERENCE:  
2021 VIRGINIA CONSTRUCTION CODE  
2021 VIRGINIA EXISTING BUILDING CODE  
2021 VIRGINIA MECHANICAL CODE  
2021 VIRGINIA PLUMBING CODE  
2021 NFPA 70  
2021 VIRGINIA ENERGY CONSERVATION CODE  
2021 VIRGINIA FUEL GAS CODE  
2021 VIRGINIA STATEWIDE FIRE PREVENTION CODE  
ICC/ANSI A117.1 2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES  
2020 NEC NATIONAL ELECTRIC CODE

ZONING ORDINANCE FOR HENRY COUNTY, VIRGINIA

OTHER STANDARDS:  
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN  
VA DEPT. OF EDUCATION GUIDELINES FOR SCHOOL FACILITIES IN VIRGINIA PUBLIC SCHOOLS

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF A COMPLETE RENOVATION OF THE EXISTING LOBBY SPACE ADJACENT TO THE EXISTING GYMNASIUM AND EXISTING CAFETERIA FOR THE CAMPBELL COURT ELEMENTARY SCHOOL. THIS RENOVATION WILL CREATE DIRECT ACCESS TO THE GYMNASIUM FLOOR, LOBBY / CAFETERIA FLOOR, AND SECOND FLOOR WITH A NEW 76 SF RATED ELEVATOR SHAFT AND ELEVATOR, WHILE DIRECT ACCESS FROM THE FIRST FLOOR TO THE GYMNASIUM FLOOR WILL BE PROVIDED WITH A NEW 80 SF RAMP AND NEW STAIR. OTHER MAJOR COMPONENTS OF THE RENOVATION INCLUDE TWO (2) NEW STAIRS TO PROVIDE DIRECT ACCESS FROM THE GYMNASIUM FLOOR TO THE LOBBY / CAFETERIA FLOORS, AND A 145 SF CONNECTOR TO CONNECT THE ELEVATOR TO THE SECOND FLOOR. REFER TO THE FLOOR PLANS AND LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION.

CODE INFORMATION – EXISTING BUILDING

THE FOLLOWING IS A REVIEW OF THE APPLICABLE SECTIONS OF THE 2021 VIRGINIA EXISTING BUILDING CODE AS IT APPLIES TO THE RENOVATIONS TO CAMPBELL COURT ELEMENTARY SCHOOL.

APPLICATION OF CODE

**102.2.3** ADDITIONS. WHERE ONE OR MORE NEWLY CONSTRUCTED FIRE WALLS THAT COMPLY WITH SECTION 706 OF THE VCC IS PROVIDED BETWEEN AN ADDITION AND THE EXISTING BUILDING OR STRUCTURE OR PORTIONS THEREOF, THE ADDITION SHALL BE CONSIDERED A SEPARATE BUILDING, AND THEREFORE, NOT AN ADDITION WITHIN THE SCOPE OF THIS CODE. SUCH SEPARATE BUILDING, INCLUDING THE FIRE WALL, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE VCC AND SHALL NOT PLACE THE EXISTING BUILDING OR STRUCTURE IN NONCONFORMANCE WITH THE BUILDING CODE UNDER WHICH THE EXISTING BUILDING OR STRUCTURE OR THE AFFECTED PORTIONS THEREOF WAS BUILT, OR AS PREVIOUSLY APPROVED.

**103.3** RETROFIT REQUIREMENTS. THE LOCAL BUILDING DEPARTMENT SHALL ENFORCE THE PROVISIONS OF SECTION 1101 THAT REQUIRE CERTAIN EXISTING BUILDINGS TO BE RETROFITTED WITH FIRE PROTECTION SYSTEMS AND OTHER SAFETY EQUIPMENT. RETROACTIVE FIRE PROTECTION SYSTEM REQUIREMENTS CONTAINED IN THE INTERNATIONAL FIRE CODE SHALL NOT BE APPLICABLE UNLESS REQUIRED FOR COMPLIANCE WITH THE PROVISIONS OF VBEC SECTION 1101.

**103.4** NONREQUIRED EQUIPMENT. THE FOLLOWING CRITERIA FOR NONREQUIRED EQUIPMENT ARE IN ACCORDANCE WITH SECTION 36-103 OF THE CODE OF VIRGINIA. BUILDING OWNERS MAY ELECT TO INSTALL PARTIAL OR FULL FIRE ALARMS OR OTHER SAFETY EQUIPMENT THAT WAS NOT REQUIRED BY THE EDITION OF THE VCC IN EFFECT AT THE TIME A BUILDING WAS CONSTRUCTED WITHOUT MEETING CURRENT REQUIREMENTS OF THE CODE, PROVIDED THE INSTALLATION DOES NOT CREATE A HAZARDOUS CONDITION. PERMITS FOR INSTALLATION SHALL BE OBTAINED IN ACCORDANCE WITH THE VCC. IN ADDITION, AS A REQUIREMENT OF THE CODE, WHEN SUCH NONREQUIRED EQUIPMENT IS TO BE INSTALLED, THE BUILDING OFFICIAL SHALL NOTIFY THE APPROPRIATE FIRE OFFICIAL OR FIRE CHIEF.

CHAPTER 4 ACCESSIBILITY

**403.1** ADDITIONS. ACCESSIBILITY PROVISIONS FOR NEW CONSTRUCTIONS SHALL APPLY TO ADDITIONS, AN ADDITION THAT AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF, A PRIMARY FUNCTION SHALL COMPLY WITH THE REQUIREMENTS IN SECTION 404.3, AS APPLICABLE.

**404.1** ALTERATIONS, GENERAL. AN ALTERATION OF AN EXISTING FACILITY SHALL NOT IMPOSE A REQUIREMENT FOR GREATER ACCESSIBILITY THAN THAT WHICH WOULD BE REQUIRED FOR NEW CONSTRUCTION. ALTERATIONS SHALL NOT REDUCE OR HAVE THE EFFECT OF REDUCING ACCESSIBILITY OF A FACILITY OR PORTION OF A FACILITY.

**404.3** ALTERATIONS AFFECTING AN AREA CONTAINING A PRIMARY FUNCTION. WHERE AN ALTERATION AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION, THE ROUTE TO THE PRIMARY FUNCTION AREA SHALL BE ACCESSIBLE. TOILET FACILITIES AND DRINKING FOUNTAINS SERVING THE AREA OF PRIMARY FUNCTION, INCLUDING THE ROUTE FROM THE AREA OF PRIMARY FUNCTION TO THESE FACILITIES, SHALL BE ACCESSIBLE. THERE ARE (5) EXCEPTIONS TO THIS RULE.

1. THE CUMULATIVE COSTS OF PROVIDING THE ACCESSIBLE ROUTE, TOILET FACILITIES AND DRINKING FOUNTAINS ARE NOT REQUIRED TO EXCEED 20 PERCENT OF THE COSTS OF THE ALTERATIONS AFFECTING THE AREA OF PRIMARY FUNCTION.
2. THIS PROVISION DOES NOT APPLY TO ALTERATIONS LIMITED SOLELY TO WINDOWS, HARDWARE, OPERATING CONTROLS, ELECTRICAL OUTLETS AND SIGNS.
3. THIS PROVISION DOES NOT APPLY TO ALTERATIONS LIMITED SOLELY TO MECHANICAL SYSTEMS, ELECTRICAL SYSTEMS, INSTALLATION OR ALTERATION OF FIRE PROTECTION SYSTEMS AND ABATEMENT OF HAZARDOUS MATERIALS.
4. THIS PROVISION DOES NOT APPLY TO ALTERATIONS UNDERTAKEN FOR THE PRIMARY PURPOSE OF INCREASING THE ACCESSIBILITY OF A FACILITY.
5. THIS PROVISION DOES NOT APPLY TO ALTERED AREAS LIMITED TO TYPE B DWELLING AND SLEEPING UNITS.

CHAPTER 5 REPAIRS

**501.1** SCOPE. REPAIRS, INCLUDING THE PATCHING, RESTORATION OR REPLACEMENT OF DAMAGED MATERIALS, ELEMENTS, EQUIPMENT OR FIXTURES SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER. REPAIRS TO HISTORIC BUILDINGS NEED ONLY COMPLY WITH CHAPTER 9. PORTIONS OF THE EXISTING BUILDING OR STRUCTURE NOT BEING REPAIRED SHALL NOT BE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THIS CODE APPLICABLE TO NEWLY CONSTRUCTED BUILDINGS OR STRUCTURES. WORK ON NONDAMAGED COMPONENTS THAT IS NECESSARY FOR THE REQUIRED REPAIR OF DAMAGED COMPONENTS SHALL BE CONSIDERED PART OF THE REPAIR AND SHALL NOT BE SUBJECT TO THE PROVISIONS OF CHAPTER 6. ROUTINE MAINTENANCE REQUIRED BY SECTION 302, ORDINARY REPAIRS EXEMPT FROM PERMIT IN ACCORDANCE WITH SECTION 108.2 OF THE VCC, AND ABATEMENT OF WEAR DUE TO NORMAL SERVICE CONDITIONS SHALL NOT BE SUBJECT TO THE REQUIREMENTS FOR REPAIRS IN THIS SECTION.

504 ELECTRICAL

**504.1** MATERIAL. EXISTING ELECTRICAL WIRING AND EQUIPMENT UNDERGOING REPAIR SHALL BE ALLOWED TO BE REPAIRED OR REPLACED WITH LIKE MATERIAL.

**504.1.1** RECEPTACLES. REPLACEMENT OF ELECTRICAL RECEPTACLES SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF SECTION 406.4(D) OF NFPA 70.

**504.1.3** NONGROUNDING-TYPE RECEPTACLES. FOR REPLACEMENT OF NONGROUNDING-TYPE RECEPTACLES WITH GROUNDING-TYPE RECEPTACLES AND FOR BRANCH CIRCUITS THAT DO NOT HAVE AN EQUIPMENT GROUNDING CONDUCTOR IN THE BRANCH CIRCUITRY, THE GROUNDING CONDUCTOR OF A GROUNDING-TYPE RECEPTACLE OUTLET SHALL BE PERMITTED TO BE GROUNDED TO ANY ACCESSIBLE POINT ON THE GROUNDING ELECTRODE SYSTEM OR TO ANY ACCESSIBLE POINT ON THE GROUNDING ELECTRODE CONDUCTOR IN ACCORDANCE WITH SECTION 250.130(C) OF NFPA 70.

505 MECHANICAL

**505.1** GENERAL. EXISTING MECHANICAL SYSTEMS UNDERGOING REPAIR SHALL NOT MAKE THE BUILDING LESS CONFORMING THAN IT WAS BEFORE THE REPAIR WAS UNDERTAKEN.

CHAPTER 6 ALTERATIONS

**601.1** GENERAL. EXCEPT AS MODIFIED IN CHAPTER 9 OR THIS CHAPTER, ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE VCC FOR NEW CONSTRUCTION. ALTERATIONS SHALL BE SUCH THAT THE EXISTING BUILDING OR STRUCTURE IS NO LESS CONFORMING TO THE PROVISIONS OF THE VCC THAN THE EXISTING BUILDING OR STRUCTURE WAS PRIOR TO THE ALTERATION. PORTIONS OF THE BUILDING OR STRUCTURE NOT BEING ALTERED SHALL NOT BE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE VCC.

- EXCEPTIONS:
1. ANY STAIRWAY REPLACING AN EXISTING STAIRWAY SHALL NOT BE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF SECTION 1011 OF THE VCC WHERE THE EXISTING SPACE AND CONSTRUCTION DOES NOT ALLOW A REDUCTION IN PITCH OR SLOPE.
  2. HANDRAILS OTHERWISE REQUIRED TO COMPLY WITH SECTION 1011.11 OF THE VCC SHALL NOT BE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF SECTION 1014.6 OF THE VCC REGARDING FULL EXTENSION OF THE HANDRAILS WHERE SUCH EXTENSIONS WOULD BE HAZARDOUS DUE TO PLAN CONFIGURATION.
  3. WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE VCC.
  4. ALTERATIONS COMPLYING WITH THE REQUIREMENTS OF THE BUILDING CODE UNDER WHICH THE BUILDING OR STRUCTURE OR THE AFFECTED PORTIONS THEREOF WAS BUILT, OR AS PREVIOUSLY APPROVED BY THE BUILDING OFFICIAL, SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CODE. NEW STRUCTURAL MEMBERS ADDED AS PART OF THE ALTERATION SHALL COMPLY WITH THE VCC. ALTERATIONS OF EXISTING BUILDINGS IN FLOOD HAZARD AREAS SHALL COMPLY WITH SECTION 601.3.

**601.2** LEVELS OF ALTERATIONS. ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL BE CLASSIFIED AS ONE OF THE FOLLOWING:

**601.2.1** LEVEL 1. LEVEL 1 ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE, OR THE REMOVAL WITHOUT REPLACEMENT OF MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES. LEVEL 1 ALTERATIONS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF SECTION 602.

**601.2.2** LEVEL 2. LEVEL 2 ALTERATIONS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF SECTIONS 602 AND 603 AND SHALL INCLUDE THE FOLLOWING:

1. THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW.
2. THE ADDITION OR ELIMINATION OF ANY WALL, FLOOR, OR CEILING ASSEMBLY.
3. THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM.
4. THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT, MATERIALS, ELEMENTS, OR FIXTURES.

**601.5** ACCESSIBILITY. ACCESSIBILITY SHALL BE PROVIDED IN ACCORDANCE WITH APPLICABLE PROVISIONS OF SECTION 404.

LEVEL 1 ALTERATIONS, SECTION 602

**602.2** CONFORMANCE. ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE FOLLOWING:

1. LEVEL OF FIRE PROTECTION THAT IS EXISTING.
2. LEVEL OF PROTECTION THAT IS EXISTING FOR THE MEANS OF EGRESS.

**602.3.1** INTERIOR FINISHES. ALL NEWLY INSTALLED INTERIOR FINISH AND TRIM MATERIALS AND WALL, FLOOR AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE VCC.

LEVEL 2 ALTERATIONS, SECTION 603

**603.2** LEVEL 1 ALTERATIONS COMPLIANCE. IN ADDITION TO THE REQUIREMENTS OF THIS SECTION, ALL ALTERATIONS SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF SECTION 602.

**603.3** COMPLIANCE. ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE VCC. EXCEPTIONS:

1. WINDOWS MAY BE ADDED WITHOUT REQUIRING COMPLIANCE WITH THE LIGHT AND VENTILATION REQUIREMENTS OF THE VCC.
2. WHERE AN APPROVED AUTOMATIC SPRINKLER SYSTEM IS INSTALLED THROUGHOUT THE STORY, THE REQUIRED FIRE-RESISTANT RATING FOR ANY CORRIDOR LOCATED ON THE STORY SHALL BE PERMITTED TO BE REDUCED IN ACCORDANCE WITH THE VCC. IN ORDER TO BE CONSIDERED FOR A CORRIDOR RATING REDUCTION, SUCH SYSTEM SHALL PROVIDE COVERAGE FOR THE STAIRWAY LANDINGS SERVING THE FLOOR AND THE INTERMEDIATE LANDINGS IMMEDIATELY BELOW.
3. IN OTHER THAN GROUPS A AND H OCCUPANCIES, THE MAXIMUM LENGTH OF A NEWLY CONSTRUCTED OR EXTENDED DEAD-END CORRIDOR SHALL NOT EXCEED 50 FEET ON FLOORS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH THE VCC.
4. THE MINIMUM CEILING HEIGHT OF THE NEWLY CREATED HABITABLE AND OCCUPIABLE SPACES AND CORRIDORS SHALL BE 7 FEET.
5. WHERE PROVIDED IN BELOW-GRADE TRANSPORTATION STATIONS, NEW ESCALATORS SHALL BE PERMITTED TO HAVE A CLEAR WIDTH OF LESS THAN 32 INCHES.

**603.4** FIRE-RESISTANT RATINGS. IN BUILDINGS WHERE AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2 OF THE VCC HAS BEEN ADDED, AND THE BUILDING IS NOW SPRINKLERED THROUGHOUT, THE REQUIRED FIRE-RESISTANCE RATINGS OF BUILDING ELEMENTS AND MATERIALS SHALL BE PERMITTED TO MEET THE REQUIREMENTS OF THE CURRENT BUILDING CODE.

**603.5** MECHANICAL. IN MECHANICALLY VENTILATED SPACES, EXISTING MECHANICAL VENTILATION SYSTEMS THAT ARE ALTERED, RECONFIGURED, OR EXTENDED SHALL PROVIDE NOT LESS THAN 5 CUBIC FEET PER MINUTE (CFM) PER PERSON OF OUTSIDE AIR AND NOT LESS THAN 15 CFM OF VENTILATION AIR PER PERSON OR NOT LESS THAN THE AMOUNT OF VENTILATION AIR DETERMINED BY THE INDOOR AIR QUALITY PROCEDURE OF ASHRAE 62.1.

**603.7** STRUCTURAL. STRUCTURAL ELEMENTS AND SYSTEMS WITHIN BUILDINGS UNDERGOING LEVEL 2 ALTERATIONS SHALL COMPLY WITH SECTION 603.7.1 THROUGH 603.7.6.

**603.7.1** NEW STRUCTURAL ELEMENTS. NEW STRUCTURAL ELEMENTS IN ALTERATIONS, INCLUDING CONNECTIONS AND ANCHORAGE, SHALL COMPLY WITH THE VCC.

**603.7.2** MINIMUM DESIGN LOADS. THE MINIMUM DESIGN LOADS ON EXISTING ELEMENTS OF A STRUCTURE THAT DO NOT SUPPORT ADDITIONAL LOADS AS A RESULT OF AN ALTERATION SHALL BE THE LOADS AT THE TIME THE BUILDING WAS CONSTRUCTED.

CHAPTER 8 ADDITIONS

**801.1** SCOPE. ADDITIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE VCC FOR NEW CONSTRUCTION WITHOUT REQUIRING THE EXISTING BUILDING OR STRUCTURE TO COMPLY WITH ANY REQUIREMENTS OF THOSE CODES OR OF THESE PROVISIONS, EXCEPT AS REQUIRED BY THIS CHAPTER. WHERE AN ADDITION IMPACTS THE EXISTING BUILDING OR STRUCTURE, THAT PORTION SHALL COMPLY WITH THIS CODE. WHERE A FIRE WALL THAT COMPLIES WITH SECTION 706 OF THE VCC IS PROVIDED BETWEEN THE ADDITION AND THE EXISTING BUILDING, THE ADDITION SHALL BE CONSIDERED A SEPARATE BUILDING.

NOTE: WHERE ONE OR MORE NEWLY CONSTRUCTED FIRE WALLS THAT COMPLY WITH SECTION 706 OF THE VCC ARE PROVIDED BETWEEN AN EXISTING BUILDING, STRUCTURE OR PORTIONS THEREOF AND A NEW BUILDING, THIS CHAPTER IS NOT APPLICABLE PER SECTION 102.2.3.

**801.2** CREATION OR EXTENSION OF NONCONFORMITY. AN ADDITION SHALL NOT CREATE OR EXTEND ANY NONCONFORMITY IN THE EXISTING BUILDING TO WHICH THE ADDITION IS BEING MADE WITH REGARD TO ACCESSIBILITY, STRUCTURAL STRENGTH, FIRE SAFETY, MEANS OF EGRESS, OR THE CAPACITY OF MECHANICAL, PLUMBING, OR ELECTRICAL SYSTEMS. ALTERATIONS TO THE EXISTING BUILDING OR STRUCTURE SHALL BE MADE SO THAT THE EXISTING BUILDING OR STRUCTURE, TOGETHER WITH THE ADDITION, ARE NO LESS CONFORMING TO THE PROVISIONS OF THE VCC THAN THE EXISTING BUILDING OR STRUCTURE WAS PRIOR TO THE ADDITION.

**802.1** HEIGHT LIMITATIONS. NO ADDITION SHALL INCREASE THE HEIGHT OF AN EXISTING BUILDING BEYOND THAT PERMITTED UNDER THE APPLICABLE PROVISIONS OF CHAPTER 5 OF THE VCC FOR NEW BUILDINGS.

**802.2** AREA LIMITATIONS. NO ADDITION SHALL INCREASE THE AREA OF AN EXISTING BUILDING BEYOND THAT PERMITTED UNDER THE APPLICABLE PROVISIONS OF CHAPTER 5 OF THE VCC FOR NEW BUILDINGS UNLESS FIRE SEPARATION AS REQUIRED BY THE VCC IS PROVIDED.

**802.3** FIRE PROTECTION SYSTEMS. EXISTING FIRE AREAS INCREASED BY THE ADDITION SHALL COMPLY WITH CHAPTER 9 OF THE VCC.

**803.1** COMPLIANCE WITH THE VCC. ADDITIONS TO EXISTING BUILDINGS OR STRUCTURES ARE NEW CONSTRUCTION AND SHALL COMPLY WITH THE VCC.

CODE INFORMATION – NEW CONSTRUCTION

THE FOLLOWING IS A REVIEW OF THE APPLICABLE SECTIONS OF THE 2021 VIRGINIA CONSTRUCTION CODE AS IT APPLIES TO THE RENOVATIONS TO CAMPBELL COURT ELEMENTARY SCHOOL:

- (1) NEW ELEVATOR SHAFT,
- (2) NEW STAIRS, AND NEW RAMP FOR THE EXISTING CAMPBELL COURT ELEMENTARY SCHOOL.

BUILDING TYPE	EDUCATION
IBC OCCUPANCY GROUP	E
CONSTRUCTION TYPE	TYPE IIB
FULLY SPRINKLED	NO
EXTERIOR BEARING WALLS	0 HR. (1 HR. 0' TO 10' SEPARATION) - 2021 VCC TABLE 601
EXTERIOR NON-BEARING WALLS	0 HR. (1 HR. 0' TO 10' SEPARATION) - 2021 VCC TABLE 705.5
FIRE BARRIER WALLS	1 HR.
ATRIUM FIRE BARRIER SEPARATION	N/A
FIRE WALLS	2 HR. - 2021 VCC TABLE 706.4, EXCEPTION A
STAIR ENCLOSURE	N/A
ATRIUM STAIRS	N/A
EXIT ACCESS STAIR ENCLOSURES	N/A
OPEN EXIT ACCESS STAIR WALL	N/A
ENCLOSED SPACE UNDER STAIRS	N/A
DUCTS THRU NON-FIRE-RESISTANCE FLOOR ASSEMBLIES	NO RATING - THE ANNULAR SPACE AROUND THE PENETRATING DUCT IS PROTECTED W/ APPROVED NON-COMBUSTIBLE MATERIAL - 2021 VCC 717.6.3.2
ELEVATOR SHAFT	1 HR. - 2021 VCC 713.4 FIRE-RESISTANCE RATING
CORRIDORS	0 HR WITHOUT SPRINKLER - 2021 VCC TABLE 1020.2
MIN. CORRIDOR WIDTH	N/A
INTERIOR BEARING WALLS	N/A
INTERIOR NON-BEARING WALLS	0 HR
WALLS AROUND STAGE/PLATFORM	N/A
STRUCTURAL FRAME	0 HR
FLOOR/CEILING CONSTRUCTION	0 HR
ROOF/CEILING CONSTRUCTION	0 HR
ROOF COVERING CLASSIFICATION	MIN CLASS B WITH FIRE WALLS
DRAFTSTOPPING	NOT REQUIRED WITH NON-COMBUSTIBLE CONSTRUCTION

ATRIUM SMOKE CONTROL	N/A
STAGE EMERGENCY VENTILATION	N/A
INTERIOR FINISHES	CLASS B, MOST CLASS C
TRAVEL DISTANCE	200' - 2021 VCC TABLE 1017.2
TRAVEL DISTANCE THROUGH ATRIUM	N/A
COMMON PATH OF TRAVEL	75'
DEAD ENDS	20' - 2021 VCC 1020.5
EXITS PER FLOOR	EGRESS EXITS AND OCCUPANT LOAD TO REMAIN UNCHANGED
DESIGN OCCUPANCY	OCCUPANT LOAD TO REMAIN UNCHANGED
EGRESS CAPACITY - REQUIRED	EGRESS CAPACITY AND OCCUPANT LOAD TO REMAIN UNCHANGED
ALLOWABLE FLOOR AREA	14,500 SF - 2021 VCC TABLE 506.2
TOTAL ALLOWABLE STORY / HEIGHT	2 STORIES / 55' - 2021 VCC TABLES 504.3 AND 504.4
DESIGN FLOOR AREA	900 GROSS SF WITHIN THE EXISTING BUILDING FOOTPRINT < 14,500 - COMPLIES
DESIGN STORY / HEIGHT	2 STORIES > 2 STORIES; 28' < 55'
IN-BUILDING COMMUNICATIONS	PRIOR TO INSTALLATION OF FINISHED CEILINGS, THE FIRE MARSHAL'S STAFF SHALL BE ALLOWED ACCESS TO THE SITE TO CONDUCT FIELD TESTS VERIFYING THAT THE REQUIRED LEVEL OF RADIO COVERAGE IS PRESENT THROUGHOUT THE BUILDING. THE TEST SHOULD BE CONDUCTED IN ACCORDANCE WITH CHAPTER 9 OF THE 2021 VCC. THE GC SHALL BE RESPONSIBLE FOR COORDINATING THESE EFFORTS WITH THEIR SUBS TO ALLOW INSTALLATION OF REQUIRED SYSTEMS WITH NO DEMOLITION BEING NECESSARY FOR INSTALLATION IF REQUIRED.

2021 VIRGINIA ENERGY CONSERVATION CODE – NEW CONSTRUCTION (PRESCRIPTIVE METHOD)

THE FOLLOWING ARE THE PRESCRIPTIVE CODE GUIDELINES, MET BY THE PROJECT DESIGN FOR NEW ADDITIONS TO THE SCHOOL.

BASSETT, VA CLIMATE ZONE 4A

BUILDING ENVELOPE REQUIREMENTS – OPAQUE THERMAL ASSEMBLIES - TABLE C402.1.3

ROOF	INSULATION ENTIRELY ABOVE DECK - R-30CI, WHERE CI = CONTINUOUS INSUL, TYP <b>SEE NOTE BELOW</b>
WALLS	MASS (CMU) - R-9.5 CI
BELOW GRADE WALLS	R-7.5 CI
SLAB-ON-GRADE	UNHEATED SLAB R-15 FOR 24" BELOW
<u>FENESTRATION</u>	N/A
<u>AIR BARRIER</u>	

A CONTINUOUS AIR BARRIER WILL BE PROVIDED AT THE ELEVATOR SHAFT ENVELOPE AND EXISTING WALL OPENING INFILLS. ALL JOINTS AND SEAMS WILL BE SEALED, INCLUDING ACROSS ALL CHANGES IN ASSEMBLY AND MATERIAL. CLOSED CELL, SPRAYED FOAM INSULATION WITH A MINIMUM DENSITY OF 1.5 PCF AND HAVING A THICKNESS OF NOT LESS THAN 1 ½ INCHES COMPLIES WITH THIS REQUIREMENT.

NOTE:

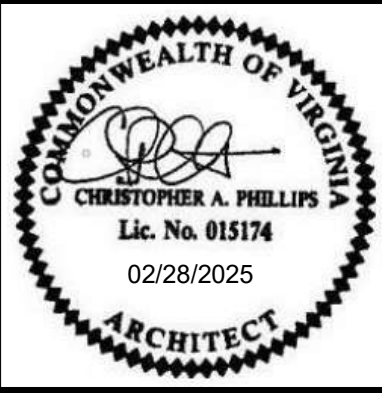
C402.1.4.1.1 TAPERED, ABOVE-DECK INSULATION BASED ON THICKNESS.

WHERE USED AS A COMPONENT OF A MAXIMUM ROOF/CEILING ASSEMBLY U-FACTOR CALCULATION, THE SLOPED ROOF INSULATION R-VALUE CONTRIBUTION TO THAT CALCULATION SHALL USE THE AVERAGE THICKNESS IN INCHES (MM) ALONG WITH THE MATERIAL R-VALUE-PERINCH (PER-MM) SOLELY FOR U-FACTOR COMPLIANCE AS PRESCRIBED IN SECTION C402.1.4.

**AVERAGE ROOF INSULATION ENTIRELY ABOVE DECK TO BE MINIMUM 5"**

DESCRIPTION	BY	DATE	REVISIONS

DATE	02.28.25
PROJECT	21195-18
DESIGNED	RRMM
DRAWN	RRMM
CHECKED	ACG



PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055

DRAWING BUILDING CODE ANALYSIS

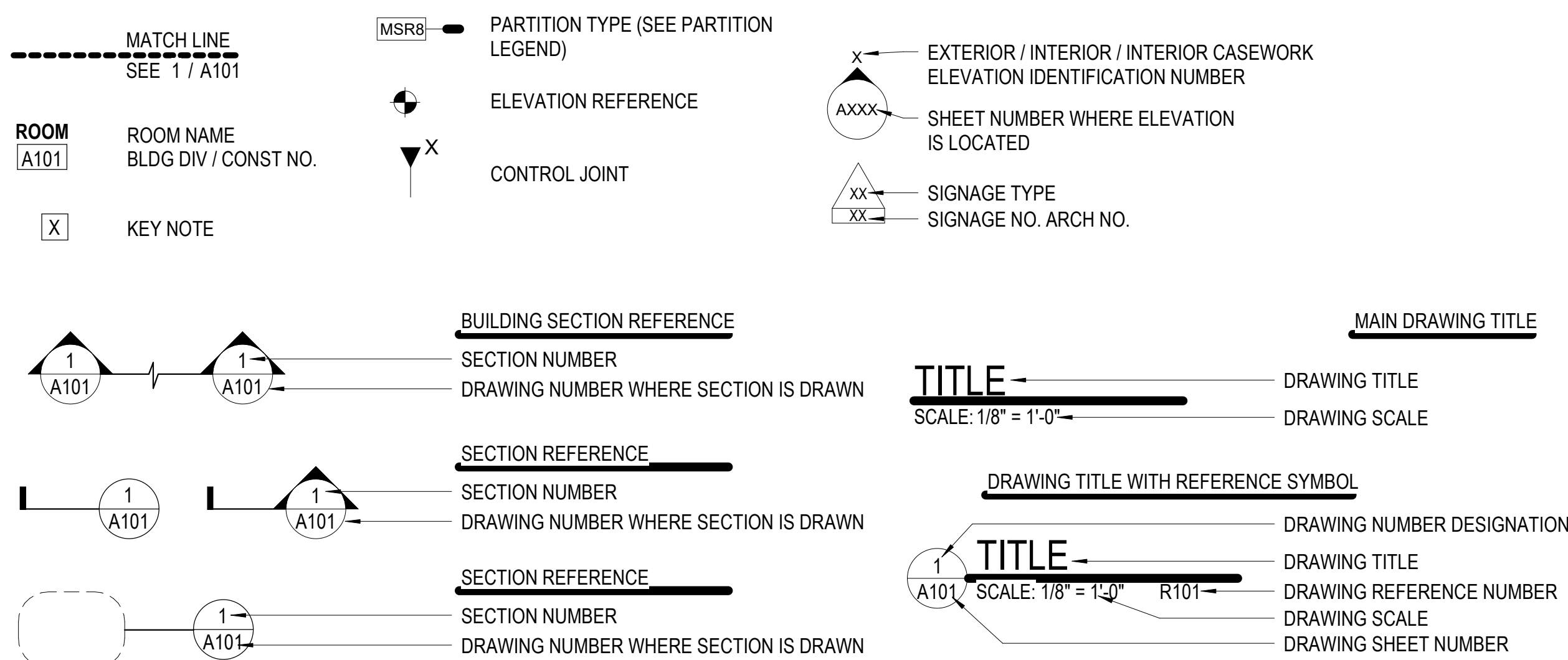
SHEET  
**LS102**



ABBREVIATIONS

#	NUMBER	CIP	CAST IN PLACE	EQUIP	EQUIPMENT	HD	HAND	MIR	MIRROR	RAS	RESILIENT ATHLETIC SURFACING	THRU	THROUGH
&, +	AND	CIR	CIRCLE	EST	ESTIMATE	HDBD	HARDBOARD	MISC	MISCELLANEOUS	RB	RESILIENT BASE	TO	TOP OF
+/-	PLUS OR MINUS	CJ	CONTROL JOINT	EWC	ELECTRIC WATER COOLER	HDWD	HARDWOOD	MLD	MOLDING	RCP	REFLECTED CEILING PLAN	TOC	TOP OF CURB
@	AT	CK	CAULK, CAULKING	EXCA	EXCAVATE	HDWR	HARDWARE	MM	MILLIMETER	RD	ROOF DRAIN	TOM	TOP OF MASONRY
°	DEGREES	CLG	CEILING	EXH	EXHAUST	HGT	HEIGHT	MO	MASONRY OPENING	RECP	RECEPTACLE	TOS	TOP OF STEEL
Ø	DIAMETER	CLO	CLOSET	EXIST	EXISTING	HM	HOLLOW METAL	MOD	MODIFIED	REF	REFERENCE	TOW	TOP OF WALL
Ω	ARC LENGTH	CLR	CLEAR	EXP	EXPOSED / EXPANSION	HORIZ	HORIZONTAL	MOV	MOVABLE	REFRIG	REFRIGERATOR	TP	TOILET PARTITION
		CM	CENTIMETER, CENTIMETERS	EXP C	EXPANSION CONSTRUCTION	HP	HIGH POINT	MR	MAP RAIL	REINF	REINFORCE, REINFORCED, REINFORCING	TPT	TEXTURED PAINT
A/C	AIR CONDITIONING	CMP	CORRUGATED METAL PIPE		EXTERIOR	HR	HOUR	MT	MOUNT			TRTD	TREATED
AB	ANCHOR BOLT	CMU	CONCRETE MASONRY UNIT			HTG	HEATING	MTD	MOUNTED, MOUNTING	REM	REMOVE	TSC	TEACHERS STORAGE CABINET
ABV	ABOVE	CNTR	COUNTER	FAB	FABRICATE	HVAC	HEATING, VENTILATION AND AIR CONDITIONING	MTL	METAL	REQD	REQUIRED	TTD	TOILET TISSUE DISPENSER
ACM	ASBESTOS CONTAINING MATERIAL	CO	CLEAN OUT	FAS	FASTEN, FASTENER			REQMT	REQUIREMENT			TV	TELEVISION
ACP	ACOUSTIC CEILING PANEL	COL	COLUMN	FB	FACE BRICK			RESIL	RESILIENT			TW	TEACHERS WARDROBE
ACT	ACOUSTIC CEILING TILE	COMM	COMMUNICATION	FCVD	FLASH COVED			RET	RETURN			TYP	TYPICAL
ADDN	ADDITION	COMP	COMPOSITE	FD	FLOOR DRAIN, FIRE DAMPER			REV	REVISION, REVISIONS, REVISED			UC	UNDERCUT
ADH	ADHESIVE	CONC	CONCRETE	FDN	FOUNDATION			RFG	ROOFING			UG	UNDER GROUND
ADJ	ADJUSTABLE	CONN	CONNECTION	FE	FIRE EXTINGUISHER			RFL	REFLECT, REFLECTED, REFLECTIVE			UH	UNIT HEATER
AFF	ABOVE FINISH FLOOR	CONST	CONSTRUCTION	FEC	FIRE EXTINGUISHER CABINET			RH	RIGHT HAND			UNF	UNFINISHED
AGG	AGGREGATE	CONT	CONTINUOUS	FEJ	FLOOR EXPANSION JOINT			RL	RAIN LEADER			UON	UNLESS OTHERWISE NOTED
AHU	AIR HANDLING UNIT	CONTR	CONTRACT, CONTRACTOR	FF	FINISH FLOOR			RM	ROOM				
AL	ALUMINUM	CORR	CORRUGATED	FFE	FINISH FLOOR ELEVATION			RO	ROUGH OPENING			V	VOLT, VALLEY
ALT	ALTERNATE	CPT	CARPET	FG	FIBER REINFORCED GYPSUM BOARD			RSHT	RESILIENT SHEET			VAC	VACUUM
AMP, A	AMPERE	CRS	COURSE, COURSES	FGL	FIBERGLASS			RT	RUBBER TILE / RUBBER TREAD			VAR	VARNISH
ANCH	ANCHOR, ANCHORAGE	CSMT	CASEMENT	FH	FIRE HYDRANT			RTU	ROOF TOP UNIT			VB	VENTED BASE
ANOD	ANODIZED	CSWK	CASEWORK	FHC	FIRE HOSE CABINET					S	SOUTH	VCT	VINYL COMPOSITION TILE
AP	ACCESS POINT	CT	CERAMIC TILE	FIN	FINISH, FINISHED	JAN	JANITOR	OBS	OBSCURE	S/S	STAINLESS STEEL, SERVICE SINK	VEN	VENEER
APC	ARCHITECTURAL PRECAST CONCRETE	CTB	CERAMIC TILE BASE	FIX	FIXTURE	JB	JUNCTION BOX	OC	ON CENTER	SAB	SOUND ATTENUATION BLANKET	VERT	VERTICAL
APPROX	APPROXIMATE	CU FT	CUBIC FEET	FLEX	FLEXIBLE	JC	JANITOR CLOSET	OF/CI	OUTSIDE DIAMETER / CONTRACTOR	SAN	SANITARY SEWER	VEST	VESTIBULE
AR	ABUSE RESISTANT	CU YD	CUBIC YARD	FLR	FLOOR	JCT	JUNCTION	OH	OVERHEAD	SAPC	SUSPENDED ACOUSTIC PANEL CEILING	VR	VAPOR RETARDER
ARCH	ARCHITECT, ARCHITECTURAL	CUH	CABINET UNIT HEATER	FLSHG	FLASHING	JST	JOIST	OPNG	OPENING	SC	SOLID CORE, SEALED CONCRETE	VT	VINYL TILE
ASB	ASBESTOS	CW	COLD WATER	FLUOR	FLUORESCENT	JT	JOINT	OPP	OPPOSITE	SCHED	SCHEDULE	VTR	VENT THRU ROOF
ASPH	ASPHALT	CWFP	CEMENTITIOUS WOOD FIBER PANELS	FLUR	FLUORESCENT					SCW	SOLID CORE WOOD	VWC	VINYL WALL COVERING
ATTEN	ATTENUATION			FND	FEMININE NAPKIN DISPENSER	KIT	KITCHEN	P	PLATE	SD	SOAP DISPENSER, STORM DRAIN	W	WEST, WIDE, WIDTH
AUTO	AUTOMATIC	D	DEEP, DEPTH, DRAIN	FOC	FACE OF CONCRETE	KO	KNOCKOUT	PAR	PARALLEL	SF	SQUARE FEET	W/	WITH
AVG	AVERAGE	DBL	DOUBLE	FOM	FACE OF MASONRY	KV	KILOVOLT	PART	PARTIAL	SFGL	SAFETY GLASS	W/O	WITHOUT
AWP	ACOUSTIC WALL PANEL	DEMO	DEMOLITION	FOS	FACE OF STUDS	KVA	KILOVOLT AMPERE	PC	PRE-CAST, PIECE	SHLVG	SHELVING	WAIN	WAINSCOT
		DET / DTL	DETAIL	FP	FIREPROOF	KW	KILOWATT	PER	PEDESTAL	SHM	SECURITY HOLLOW METAL	WB	WOOD BASE
BC	BOTTOM OF CURB	DF	DRINKING FOUNTAIN	FPL	FIREPLACE	L	LENGTH, LONG, LOW	PERF	PERFORATE (D)	SHT	SHEET	WC	WATER CLOSET
BD	BOARD	DH	DOUBLE HUNG	FR	FIRE RATED	LAB	LABORATORY	PIP	POURED IN PLACE	SHTH	SHEATHING	WD	WOOD / WOOD FLOORING
BEJ	BUILDING EXPANSION JOINT	DIA	DIAMETER	FRG	(GLASS) FIBER REINFORCED GYPSUM	LAV	LAVATORY	PL	PROPERTY LINE / PLASTIC LAMINATE	SIM	SIMILAR	WDB	WOOD BASE
BETW	BETWEEN	DIAG	DIAGONAL	FRM	FRAME, FRAMED	LB	POUND	PLAM	PLASTIC LAMINATE	SLR	SEALER	WDW	WINDOW
BIT	BITUMINOUS	DIM	DIMENSION	FRMG	FRAMING	LF	LINEAR FEET	PLAS	PLASTER	SN	STAGE NOSE	WGL	WIRE GLASS
BL	BLEACHER FINISH	DISP	DISPOSAL	FRP	FIBERGLASS REINFORCED PLASTIC	LG	LAMINATED GLASS	PLUMB	PLUMBING	SND	SANITARY NAPKIN DISPOSER	WH	WATER HEATER
BLDG	BUILDING	DIV	DIVISION	FRT	FIRE RETARDANT TREATED	LH	LEFT HAND	PLYWD	PLYWOOD	SOF	SPRAY-ON FIREPROOFING	WI	WROUGHT IRON
BLK	BLOCK	DL	DEAD LOAD	FT	FOOT, FEET	LIN	LINEAR	PNL	PANEL	SPEC	SPECIFICATION, SPECIFICATIONS	WMS	WIRE MANAGEMENT SLOT
BLKG	BLOCKING	DMT	DEMOUNTABLE	FTG	FOOTING	LK	LOCKER	POLY	POLYURETHANE	SPK	SPEAKER	WP	WATERPROOFING
BM	BEAM	DN	DOWN	FUM	FUME HOOD	LLH	LONG LEG HORIZONTAL	PORT	PORCELAIN TILE	SQ	SQUARE	WPT	WORKING POINT
BO	BOTTOM OF	DPG	DAMP-PROOFING	FUR	FURRED, FURRING	LLV	LONG LEG VERTICAL	PORTB	PORCELAIN TILE BASE	SS	SOLID SURFACE	WR	WASTE RECEPTACLE
BOT, B	BOTTOM	DPR	DISPENSER	FURN	FURNITURE	LP	LOW POINT	PPT	PRESERVATIVE PRESSURE TREATED	ST	STAIN, STONE	WT	WEIGHT
BRG	BEARING	DR	DOOR, DISPLAY RAIL	FURR	FURRING	LTG	LIGHTING	PR	PAIR	STC	SOUND TRANSMISSION CLASS	WWF	WELDED WIRE FABRIC
BRK	BRICK	DS	DOWNSPOUT			LTL	LINTEL	PREFAB	PREFABRICATE, PREFABRICATED	STD	STANDARD	WWM	WELDED WIRE MESH
BS	BOTH SIDES	DWG	DRAWING			LVR	LOUVER	PREFIN	PRE-FINISHED	STFT	STOREFRONT		
BSMT	BASEMENT	DWR	DRAWER	G	GAS	LW	LIGHTWEIGHT	PRJ SC	PROJECTION SCREEN	STL	STEEL		
BTWN, B/W	BETWEEN			GAL	GALLON	M	METER	PRT	PORCELAIN TILE	STOR	STORAGE		
BUR	BUILT-UP ROOFING	E	EAST	GALV	GALVANIZED	M/S	MOP SINK	PS	PENCIL SHARPENER	STRUC	STRUCTURAL		
BVL	BEVELED	EA	EACH	GB	GRAB BAR	MACH	MACHINE	PSF	POUNDS PER SQUARE FOOT	SUB	SUBSTITUTE		
		EF	EXHAUST FAN	GC	GENERAL CONTRACT, CONTRACTOR	MAINT	MAINTENANCE	PT	PAINT	SUSP	SUSPENDED		
C	CARPET	EFS	EXTERIOR FINISH SYSTEM	GCMU	GLAZED FIBER REINFORCED CONCRETE	MANUF	MANUFACTURE, MANUFACTURER	PTD	PAINTED	SYM	SYMMETRICAL, SYMMETRY		
CAB	CABINET	EJ	EXPANSION JOINT	GFRG	GLASS FIBER REINFORCED CONCRETE	MAR	MARBLE	PTN	PARTITION	SYN	SYNTHETIC		
CAP	CAPACITY	ELAS	ELASTOMERIC	GL	GLASS, GLAZING	MAS	MASONRY	PVC	POLYVINYL CHLORIDE / PVC EDGE BAND	SYS	SYSTEM		
CB	CHALKBOARD	ELEC	ELECTRICAL	GPM	GALLONS PER MINUTE	MATL	MATERIAL	PVMT	PAVEMENT	T	TREAD		
CC	CUBICAL CURTAIN	ELEV	ELEVATION, ELEVATOR	GR	GRADE / GROUT	MAX	MAXIMUM	QT	QUARRY TILE	T&B	TOP & BOTTOM		
CCTV	CLOSED CIRCUIT TELEVISION	EM	ENTRANCE MAT	GSU	GLAZED STRUCTURAL UNIT	MB	MARKERBOARD	QTY	QUANTITY	TB	TACK BOARD		
CEM	CEMENT	EMER	EMERGENCY	GWB	GYPSUM WALLBOARD	MECH	MECHANIC, MECHANICAL			TEL	TELEPHONE		
CEM TOP	CEMENT TOPPING	ENCL	ENCLOSE, ENCLOSURE	GWT	GLAZED WALL TILE	MED	MEDIUM	R	RISER, RIDGE	TEMP	TEMPORARY, TEMPERED		
CER	CERAMIC	EP	ELECTRICAL PANELBOARD	GYP	GYPSUM	MEMB	MEMBRANE	R/W	RIGHT OF WAY	TERR	TERRAZZO		
CF	CUBIC FOOT	EPDM	ETHYLENE PROPYLENE DIENE MONOMER			MH	MANHOLE	RA	RETURN AIR	TG	TONGUE & GROVE		
CFLSHG	COUNTER FLASHING			H	HIGH	MIN	MINIMUM	RAD	RADIUS	THK	THICK, THICKNESS		
CFM	CUBIC FEET PER MINUTE			H/C	HANDICAPPED					THRES	THRESHOLD		
CG	CORNER GUARD	EPS	EXPANDED POLYSTYRENE										
CHAM	CHAMFER	EPX	EPOXY										
CI	CAST IRON	EQ	EQUAL										

ARCHITECTURAL GRAPHIC SYMBOLS



ARCHITECTURAL MATERIAL LEGEND

WOOD - ROUGH	ALUMINUM
CONCRETE MASONRY UNIT	FINISHED WOOD
CAST-IN-PLACE CONCRETE	WOOD BLOCKING
STEEL	BRICK
EARTH / COMPACT FILL	GLASS
BATT INSULATION	ACOUSTICAL TILE
POROUS FILL / GRAVEL	PLYWOOD
RIGID INSULATION	CERAMIC TILE - LARGE SCALE
GYPSUM BOARD	SAND / MORTAR / PLASTER
RESILIENT FLOORING / PLASTIC LAMINATE	GRAVEL

PARTITION TYPE NOTES

- PARTITION TERMINATION LOCATION & CONDITIONS MAY VARY. REFER TO THE REFLECTED CEILING PLANS FOR PARTITION TERMINATION LEGEND AND ANY OTHER CORRESPONDING DETAILS.
- REFER TO LIFE SAFETY PLANS FOR LOCATIONS AND RATING FOR FIRE RATED PARTITIONS. REFERENCE TESTING LAB CHART BELOW FOR UL ASSEMBLIES ASSOCIATED WITH THE FIRE RESISTANCE RATED PARTITIONS.
- PARTITION TYPES DO NOT INCLUDE ALL APPLIED FINISHES. REFER TO FINISH SCHEDULE.
- FOR PARTITIONS WITH SINGLE SIDED GYP BD APPLICATIONS, PROVIDE FLAT STRAP BRACING AT 48" OC MIN FOR FULL LENGTH OF WALL.
- ALL CMU WALLS SHALL BE REINFORCED WITH HORIZONTAL MASONRY REINFORCING AT 16" OC VERTICALLY UNLESS NOTED OTHERWISE.

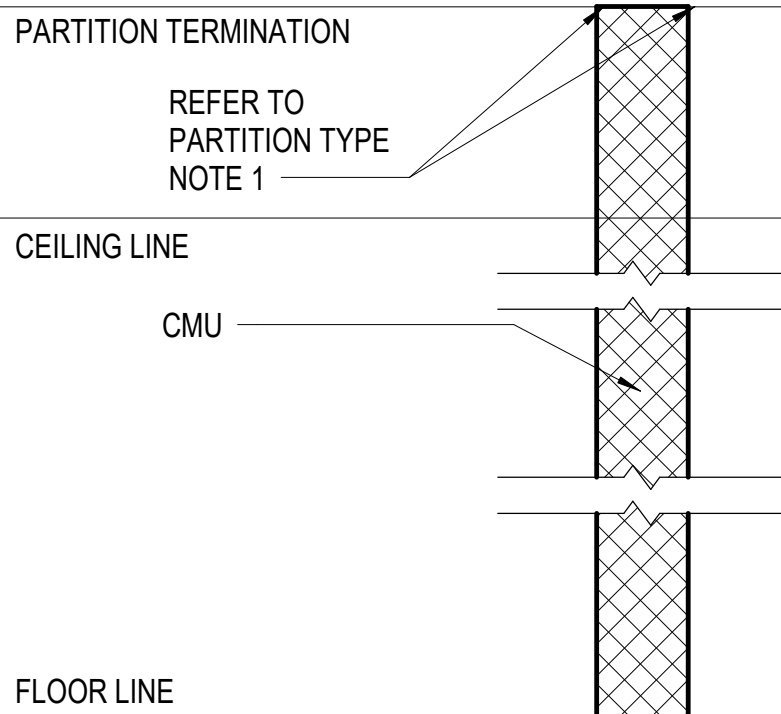
PARTITION UL TESTING LAB CHART

PARTITION TYPES	1 HOUR RATING	2 HOUR RATING	3 HOUR RATING
-----------------	---------------	---------------	---------------

M3R	#U906*	--	--
-----	--------	----	----

\* ASSEMBLY PROVIDES FOR 2 HR FIRE RATING BY CONSTRUCTION;  
1 HR RATING REQUIRED - REF THE LIFE SAFETY PLANS

M3



ACTUAL DIMENSION 'X'

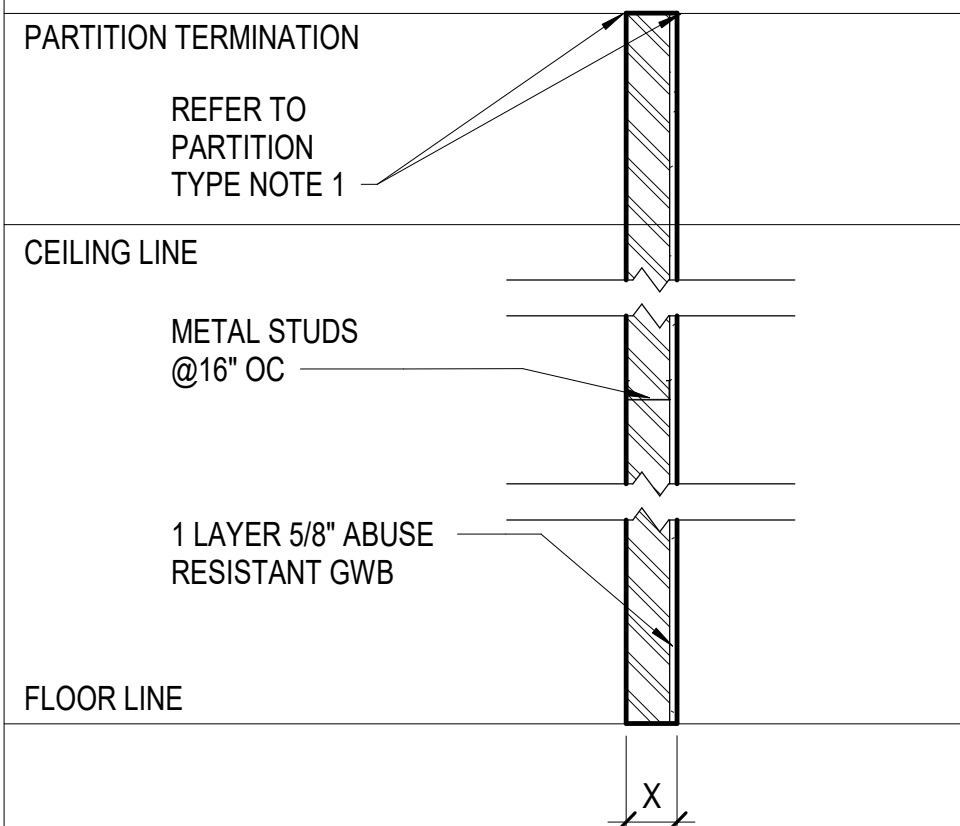
STUD SIZE

CMU SIZE

PARTITION TYPES

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

S3

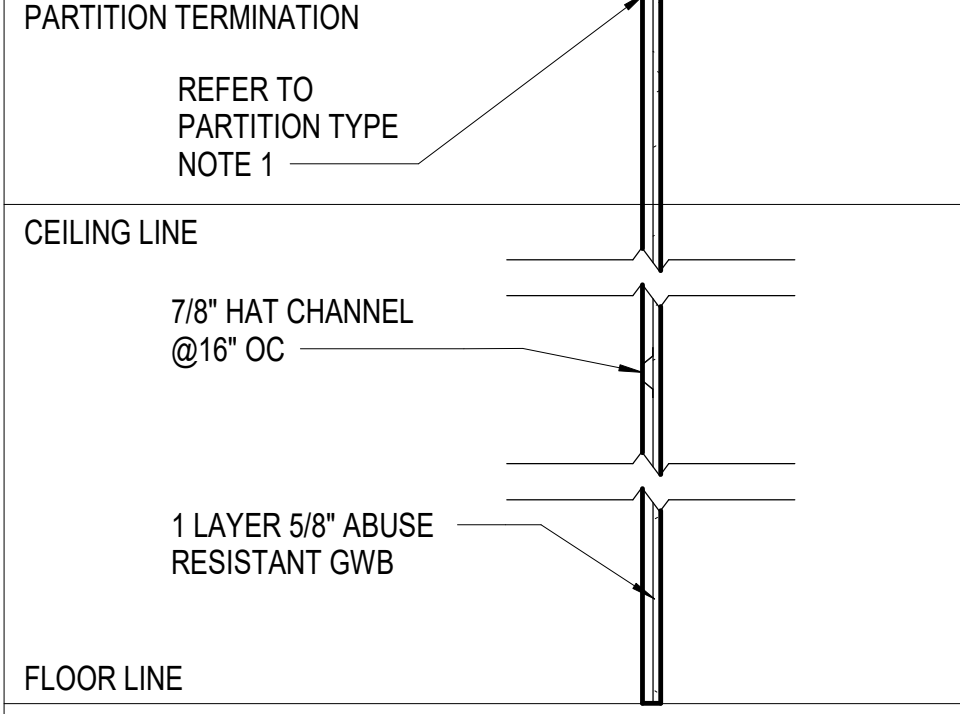


ACTUAL DIMENSION 'X'

STUD SIZE

CMU SIZE

S71

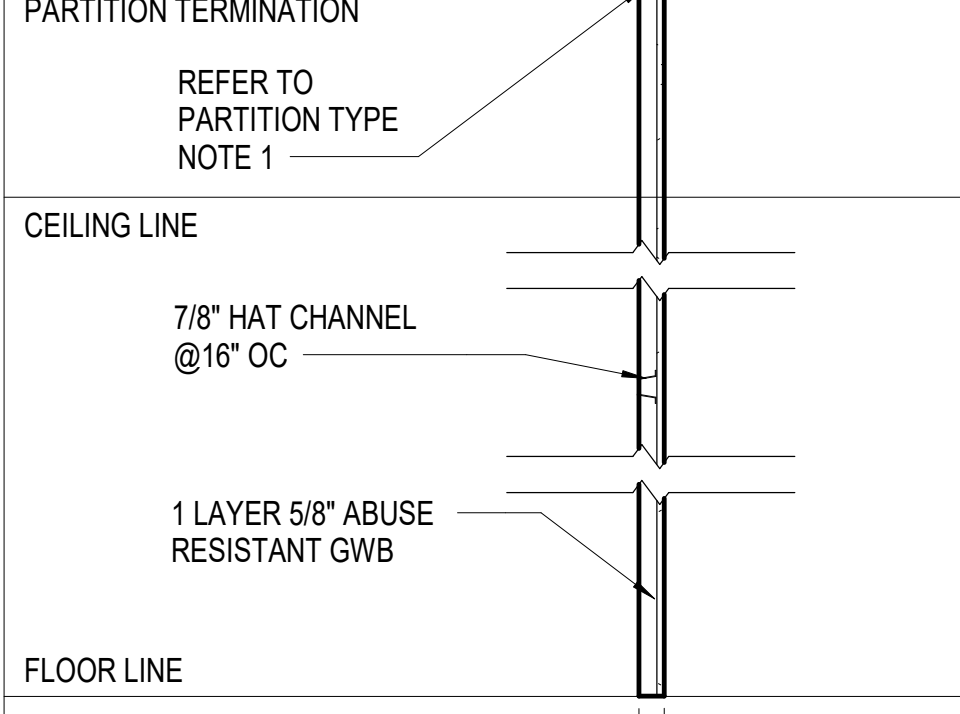


ACTUAL DIMENSION 'X'

STUD SIZE

CMU SIZE

S72

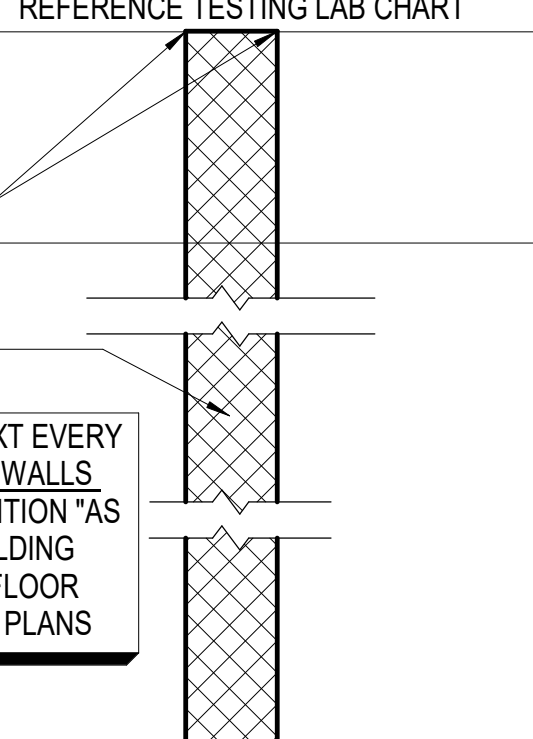


ACTUAL DIMENSION 'X'

STUD SIZE

CMU SIZE

M3R



ACTUAL DIMENSION 'X'

STUD SIZE

CMU SIZE

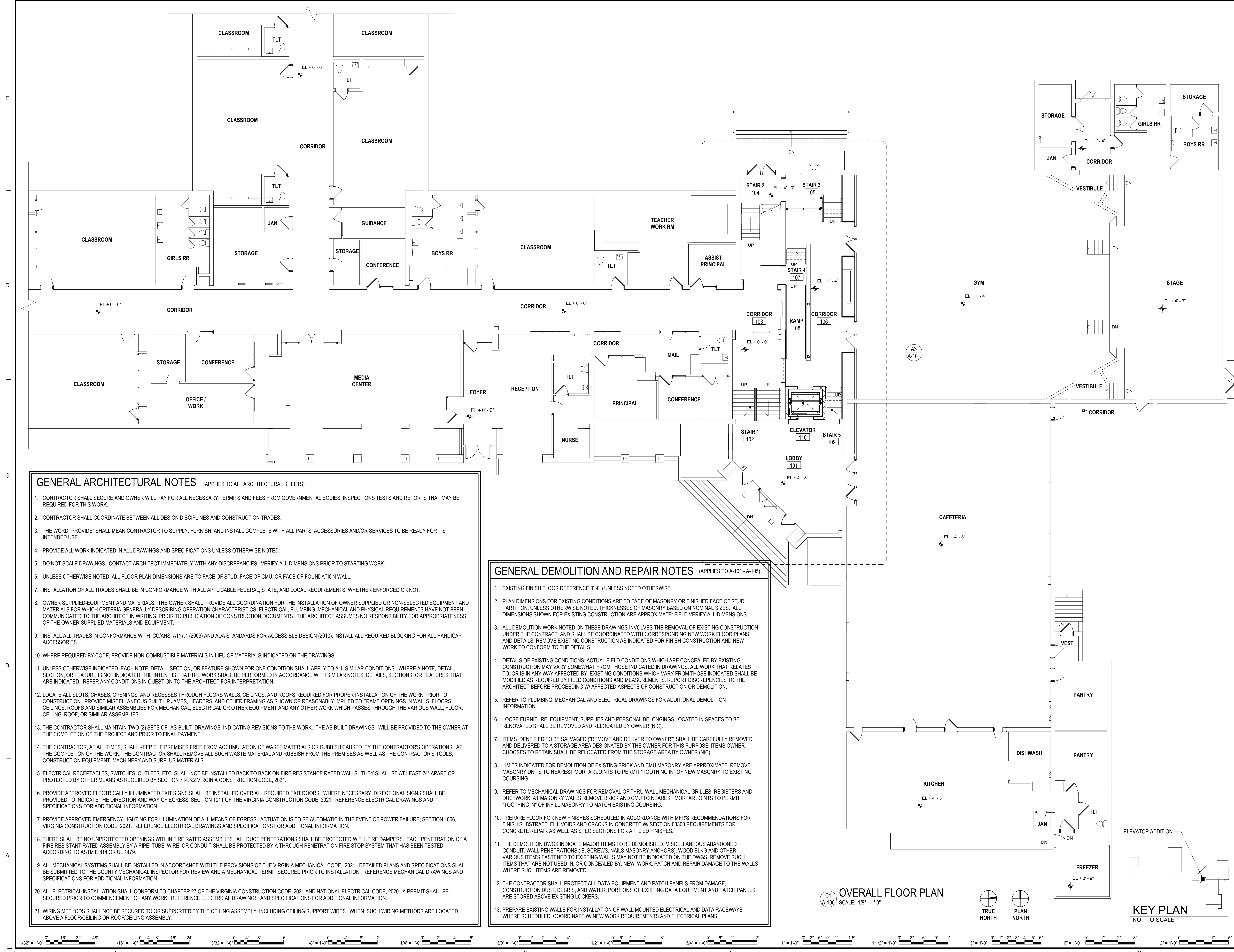
PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055

ARCHITECTURAL GENERAL INFO & PARTITION TYPES

SHEET

A-001

2/21/2025 2:31:46 PM Autodesk Docs/2/1195-18 HCPSS Campbell Court ES021195-18 04 HCPSS Campbell Court ES - ARCH.rvt



### GENERAL ARCHITECTURAL NOTES (APPLIES TO ALL ARCHITECTURAL SHEETS)

1. CONTRACTOR SHALL SECURE AND OWNER WILL PAY FOR ALL NECESSARY PERMITS AND FEES FROM GOVERNMENTAL BODIES, INSPECTIONS TESTS AND REPORTS THAT MAY BE REQUIRED FOR THIS WORK.
2. CONTRACTOR SHALL COORDINATE BETWEEN ALL DESIGN DISCIPLINES AND CONSTRUCTION TRADES.
3. THE WORD "PROVIDE" SHALL MEAN CONTRACTOR TO SUPPLY, FURNISH, AND INSTALL COMPLETE WITH ALL PARTS, ACCESSORIES AND/OR SERVICES TO BE READY FOR ITS INTENDED USE.
4. PROVIDE ALL WORK INDICATED IN ALL DRAWINGS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.
5. DO NOT SCALE DRAWINGS. CONTACT ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES. VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK.
6. UNLESS OTHERWISE NOTED, ALL FLOOR PLAN DIMENSIONS ARE TO FACE OF STUD, FACE OF CMU, OR FACE OF FOUNDATION WALL.
7. INSTALLATION OF ALL TRADES SHALL BE IN CONFORMANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS, WHETHER ENFORCED OR NOT.
8. OWNER SUPPLIED-EQUIPMENT AND MATERIALS: THE OWNER SHALL PROVIDE ALL COORDINATION FOR THE INSTALLATION OF OWNER SUPPLIED OR NON-SELECTED EQUIPMENT AND MATERIALS FOR WHICH CRITERIA GENERALLY DESCRIBING OPERATION CHARACTERISTICS, ELECTRICAL, PLUMBING, MECHANICAL AND PHYSICAL REQUIREMENTS HAVE NOT BEEN COMMUNICATED TO THE ARCHITECT IN WRITING PRIOR TO PUBLICATION OF CONSTRUCTION DOCUMENTS. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR APPROPRIATENESS OF THE OWNER-SUPPLIED MATERIALS AND EQUIPMENT.
9. INSTALL ALL TRADES IN CONFORMANCE WITH ICC/ANSI A117.1 (2009) AND ADA STANDARDS FOR ACCESSIBLE DESIGN (2010). INSTALL ALL REQUIRED BLOCKING FOR ALL HANDICAP ACCESSORIES.
10. WHERE REQUIRED BY CODE, PROVIDE NON-COMBUSTIBLE MATERIALS IN LIEU OF MATERIALS INDICATED ON THE DRAWINGS.
11. UNLESS OTHERWISE INDICATED, EACH NOTE, DETAIL, SECTION, OR FEATURE SHOWN FOR ONE CONDITION SHALL APPLY TO ALL SIMILAR CONDITIONS. WHERE A NOTE, DETAIL, SECTION, OR FEATURE IS NOT INDICATED, THE INTENT IS THAT THE WORK SHALL BE PERFORMED IN ACCORDANCE WITH SIMILAR NOTES, DETAILS, SECTIONS, OR FEATURES THAT ARE INDICATED. REFER ANY CONDITIONS IN QUESTION TO THE ARCHITECT FOR INTERPRETATION.
12. LOCATE ALL SLOTS, CHASES, OPENINGS, AND RECESSES THROUGH FLOORS WALLS, CEILINGS, AND ROOFS REQUIRED FOR PROPER INSTALLATION OF THE WORK PRIOR TO CONSTRUCTION. PROVIDE MISCELLANEOUS BUILT-UP JAMBS, HEADERS, AND OTHER FRAMING AS SHOWN OR REASONABLY IMPLIED TO FRAME OPENINGS IN WALLS, FLOORS, CEILINGS, ROOFS AND SIMILAR ASSEMBLIES FOR MECHANICAL, ELECTRICAL OR OTHER EQUIPMENT AND ANY OTHER WORK WHICH PASSES THROUGH THE VARIOUS WALL, FLOOR, CEILING, ROOF, OR SIMILAR ASSEMBLIES.
13. THE CONTRACTOR SHALL MAINTAIN TWO (2) SETS OF "AS-BUILT" DRAWINGS, INDICATING REVISIONS TO THE WORK. THE AS-BUILT DRAWINGS WILL BE PROVIDED TO THE OWNER AT THE COMPLETION OF THE PROJECT AND PRIOR TO FINAL PAYMENT.
14. THE CONTRACTOR, AT ALL TIMES, SHALL KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY THE CONTRACTOR'S OPERATIONS. AT THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE ALL SUCH WASTE MATERIAL AND RUBBISH FROM THE PREMISES AS WELL AS THE CONTRACTOR'S TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY AND SURPLUS MATERIALS.
15. ELECTRICAL RECEPTACLES, SWITCHES, OUTLETS, ETC. SHALL NOT BE INSTALLED BACK TO BACK ON FIRE RESISTANCE RATED WALLS. THEY SHALL BE AT LEAST 24" APART OR PROTECTED BY OTHER MEANS AS REQUIRED BY SECTION 714.3.2 VIRGINIA CONSTRUCTION CODE, 2021.
16. PROVIDE APPROVED ELECTRICALLY ILLUMINATED EXIT SIGNS SHALL BE INSTALLED OVER ALL REQUIRED EXIT DOORS. WHERE NECESSARY, DIRECTIONAL SIGNS SHALL BE PROVIDED TO INDICATE THE DIRECTION AND WAY OF EGRESS, SECTION 1011 OF THE VIRGINIA CONSTRUCTION CODE, 2021. REFERENCE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
17. PROVIDE APPROVED EMERGENCY LIGHTING FOR ILLUMINATION OF ALL MEANS OF EGRESS. ACTUATION IS TO BE AUTOMATIC IN THE EVENT OF POWER FAILURE; SECTION 1006, VIRGINIA CONSTRUCTION CODE, 2021. REFERENCE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
18. THERE SHALL BE NO UNPROTECTED OPENINGS WITHIN FIRE RATED ASSEMBLIES. ALL DUCT PENETRATIONS SHALL BE PROTECTED WITH FIRE DAMPERS. EACH PENETRATION OF A FIRE RESISTANT RATED ASSEMBLY BY A PIPE, TUBE, WIRE, OR CONDUIT SHALL BE PROTECTED BY A THROUGH PENETRATION FIRE STOP SYSTEM THAT HAS BEEN TESTED ACCORDING TO ASTM E 814 OR UL 1479.
19. ALL MECHANICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE VIRGINIA MECHANICAL CODE, 2021. DETAILED PLANS AND SPECIFICATIONS SHALL BE SUBMITTED TO THE COUNTY MECHANICAL INSPECTOR FOR REVIEW AND A MECHANICAL PERMIT SECURED PRIOR TO INSTALLATION. REFERENCE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
20. ALL ELECTRICAL INSTALLATION SHALL CONFORM TO CHAPTER 27 OF THE VIRGINIA CONSTRUCTION CODE, 2021 AND NATIONAL ELECTRICAL CODE, 2020. A PERMIT SHALL BE SECURED PRIOR TO COMMENCEMENT OF ANY WORK. REFERENCE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
21. WIRING METHODS SHALL NOT BE SECURED TO OR SUPPORTED BY THE CEILING ASSEMBLY, INCLUDING CEILING SUPPORT WIRES. WHEN SUCH WIRING METHODS ARE LOCATED ABOVE A FLOOR/CEILING OR ROOF/CEILING ASSEMBLY.

### GENERAL DEMOLITION AND REPAIR NOTES (APPLIES TO A-101 - A-105)

1. EXISTING FINISH FLOOR REFERENCE (0'-0") UNLESS NOTED OTHERWISE.
2. PLAN DIMENSIONS FOR EXISTING CONDITIONS ARE TO FACE OF MASONRY OR FINISHED FACE OF STUD PARTITION, UNLESS OTHERWISE NOTED. THICKNESSES OF MASONRY BASED ON NOMINAL SIZES. ALL DIMENSIONS SHOWN FOR EXISTING CONSTRUCTION ARE APPROXIMATE: FIELD VERIFY ALL DIMENSIONS.
3. ALL DEMOLITION WORK NOTED ON THESE DRAWINGS INVOLVES THE REMOVAL OF EXISTING CONSTRUCTION UNDER THE CONTRACT, AND SHALL BE COORDINATED WITH CORRESPONDING NEW WORK FLOOR PLANS AND DETAILS. REMOVE EXISTING CONSTRUCTION AS INDICATED FOR FINISH CONSTRUCTION AND NEW WORK TO CONFORM TO THE DETAILS.
4. DETAILS OF EXISTING CONDITIONS: ACTUAL FIELD CONDITIONS WHICH ARE CONCEALED BY EXISTING CONSTRUCTION MAY VARY SOMEWHAT FROM THOSE INDICATED IN DRAWINGS. ALL WORK THAT RELATES TO, OR IS IN ANY WAY AFFECTED BY, EXISTING CONDITIONS WHICH VARY FROM THOSE INDICATED SHALL BE MODIFIED AS REQUIRED BY FIELD CONDITIONS AND MEASUREMENTS. REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING W/ AFFECTED ASPECTS OF CONSTRUCTION OR DEMOLITION.
5. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
6. LOOSE FURNITURE, EQUIPMENT, SUPPLIES AND PERSONAL BELONGINGS LOCATED IN SPACES TO BE RENOVATED SHALL BE REMOVED AND RELOCATED BY OWNER (NIC).
7. ITEMS IDENTIFIED TO BE SALVAGED ("REMOVE AND DELIVER TO OWNER") SHALL BE CAREFULLY REMOVED AND DELIVERED TO A STORAGE AREA DESIGNATED BY THE OWNER FOR THIS PURPOSE. ITEMS OWNER CHOOSES TO RETAIN SHALL BE RELOCATED FROM THE STORAGE AREA BY OWNER (NIC).
8. LIMITS INDICATED FOR DEMOLITION OF EXISTING BRICK AND CMU MASONRY ARE APPROXIMATE. REMOVE MASONRY UNITS TO NEAREST MORTAR JOINTS TO PERMIT "TOOTHING IN" OF NEW MASONRY TO EXISTING COURSING.
9. REFER TO MECHANICAL DRAWINGS FOR REMOVAL OF THRU-WALL MECHANICAL GRILLES, REGISTERS AND DUCTWORK. AT MASONRY WALLS REMOVE BRICK AND CMU TO NEAREST MORTAR JOINTS TO PERMIT "TOOTHING IN" OF INFILL MASONRY TO MATCH EXISTING COURSING.
10. PREPARE FLOOR FOR NEW FINISHES SCHEDULED IN ACCORDANCE WITH MFR'S RECOMMENDATIONS FOR FINISH SUBSTRATE. FILL VOIDS AND CRACKS IN CONCRETE W/ SECTION 03300 REQUIREMENTS FOR CONCRETE REPAIR AS WELL AS SPEC SECTIONS FOR APPLIED FINISHES.
11. THE DEMOLITION DWGS INDICATE MAJOR ITEMS TO BE DEMOLISHED. MISCELLANEOUS ABANDONED CONDUIT, WALL PENETRATIONS (IE, SCREWS, NAILS MASONRY ANCHORS), WOOD BLKG AND OTHER VARIOUS ITEMS FASTENED TO EXISTING WALLS MAY NOT BE INDICATED ON THE DWGS. REMOVE SUCH ITEMS THAT ARE NOT USED IN, OR CONCEALED BY, NEW WORK, PATCH AND REPAIR DAMAGE TO THE WALLS WHERE SUCH ITEMS ARE REMOVED.
12. THE CONTRACTOR SHALL PROTECT ALL DATA EQUIPMENT AND PATCH PANELS FROM DAMAGE, CONSTRUCTION DUST, DEBRIS, AND WATER. PORTIONS OF EXISTING DATA EQUIPMENT AND PATCH PANELS ARE STORED ABOVE EXISTING LOCKERS.
13. PREPARE EXISTING WALLS FOR INSTALLATION OF WALL MOUNTED ELECTRICAL AND DATA RACEWAYS WHERE SCHEDULED. COORDINATE W/ NEW WORK REQUIREMENTS AND ELECTRICAL PLANS.

### OVERALL FLOOR PLAN

C1 A-100 SCALE: 1/8" = 1'-0"



### KEY PLAN

NOT TO SCALE

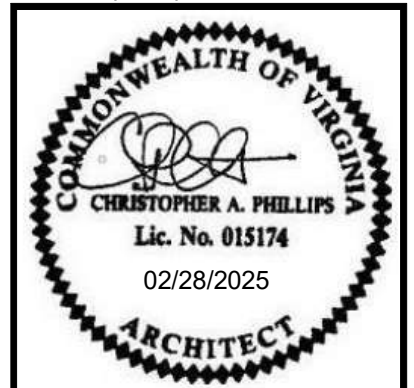
PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055

DRAWING OVERALL PLAN AND GENERAL NOTES

SHEET

A-100

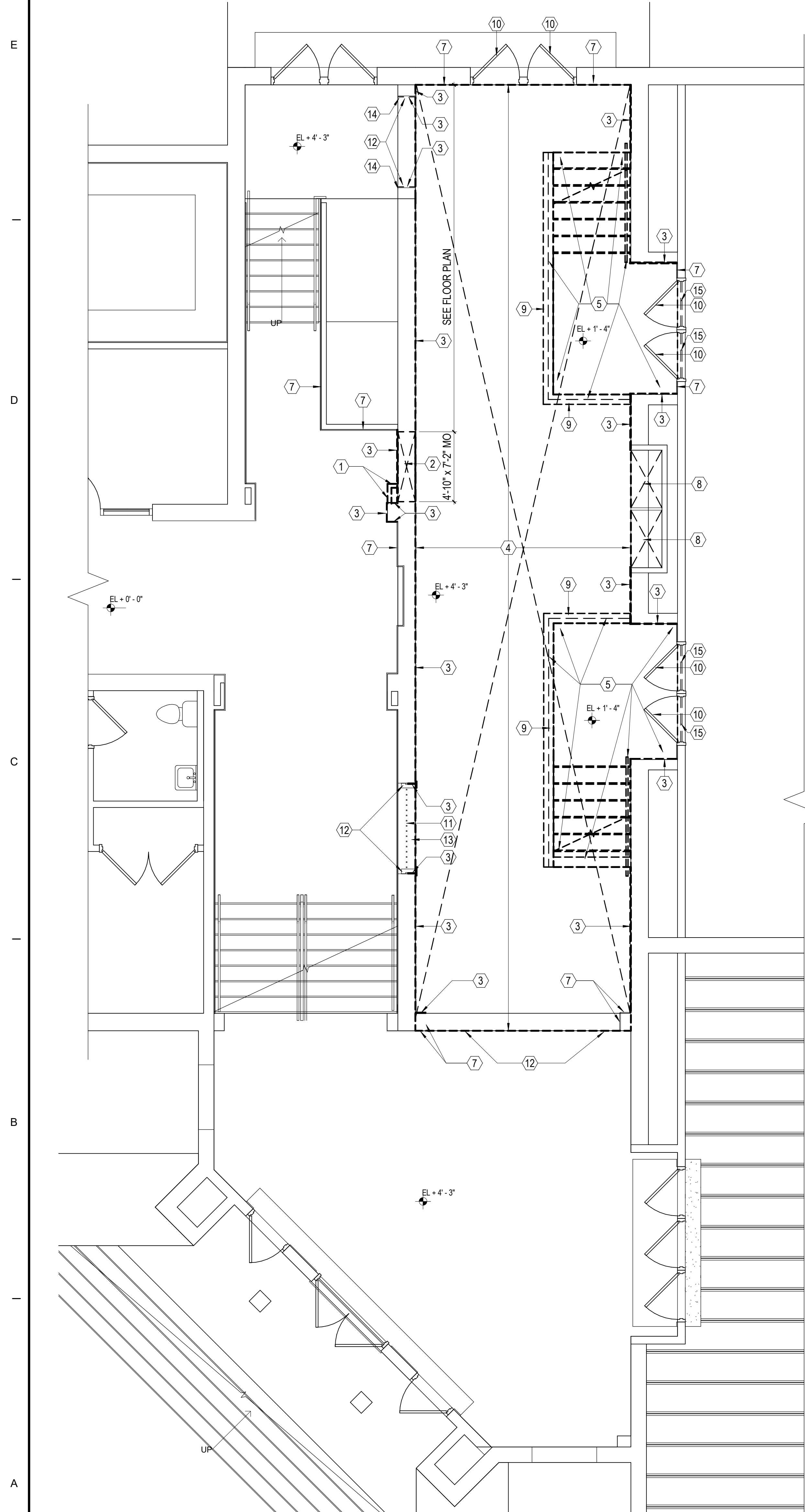
**RRMM**  
ARCHITECTS, PC  
28 Church Ave SW  
Roanoke, Virginia 24011  
(540)344-1212



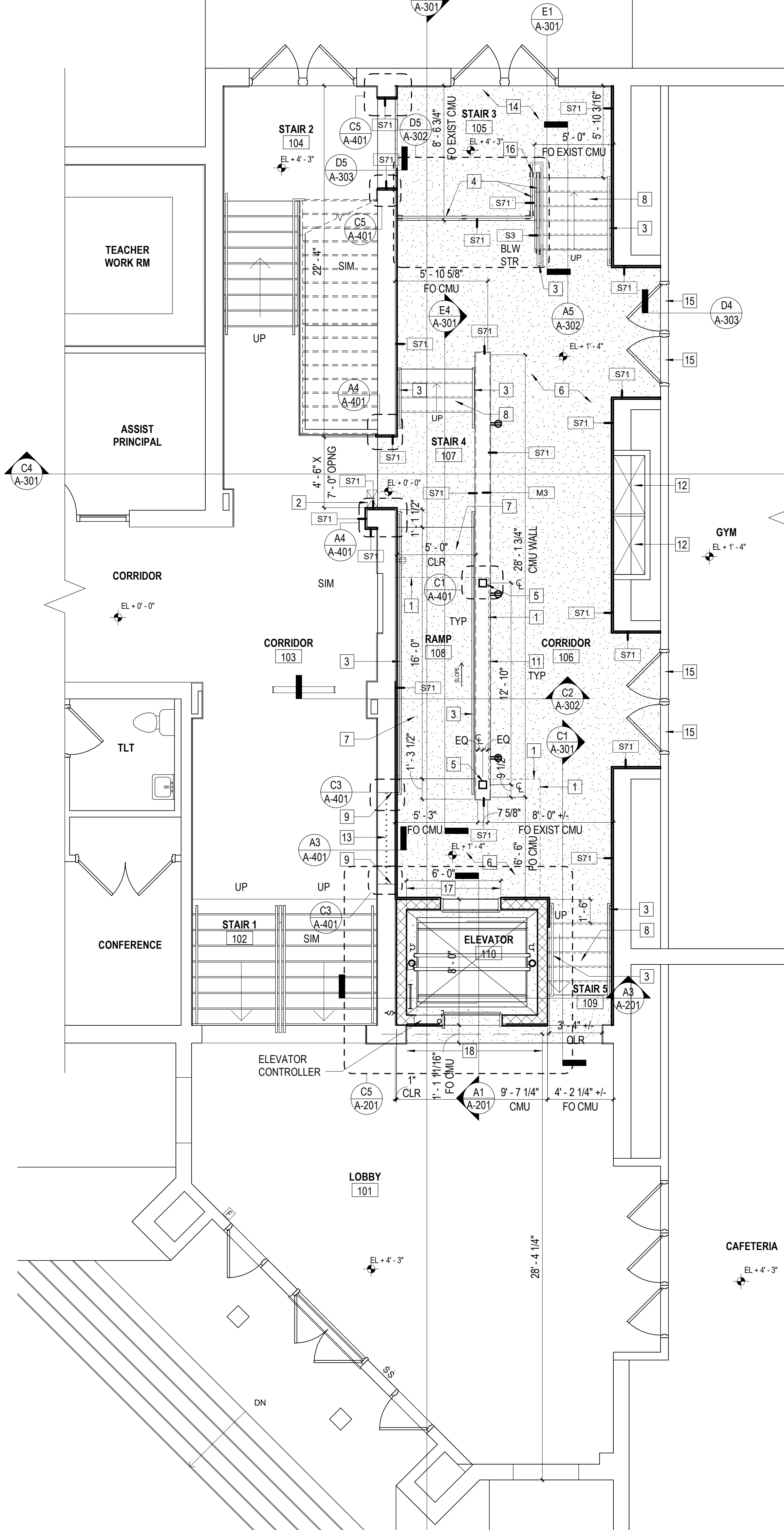
DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG
02/28/25	21195-18	RRMM	RRMM		
MARK	DATE	BY	DESCRIPTION	REVISIONS	



2/21/2025 2:31:48 PM Autodesk Docs/2/195-18 HCPs Campbell Court ES21195-18 04 HCPs Campbell Court ES - ARCH.rvt



**A1 FIRST FLOOR DEMOLITION PLAN**  
SCALE: 1/4" = 1'-0"



**A3 FIRST FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

## GENERAL ARCHITECTURAL, DEMOLITION, AND REPAIR NOTES

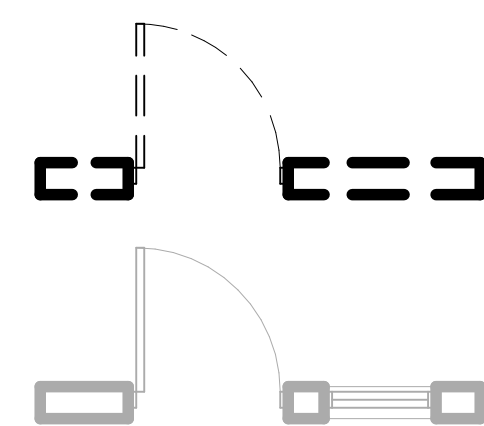
(REFER TO SHEET A101)

### 1 DEMOLITION PLAN KEY NOTES

- REMOVE EXISTING PARTITION AND GLAZED TILE WAINSCOT AS REQ'D TO CREATE THE NEW WALL OPENING - REF THE FLOOR PLAN.
- SAWCUT THE EXISTING MASONRY WALL TO CREATE A NEW WALL OPENING. REMOVE MASONRY TO THE LIMITS OF THE NEW OPENING AS NECESSARY TO INSTALL THE NEW LINTEL. ALL NEW MASONRY WORK TO BE TOOTHED IN TO THE EXISTING MASONRY WALLS. PRIOR TO THE DEMOLITION WORK, SHORE UP THE FLOOR AND/OR ROOF JOISTS AND CONSULT WITH THE STRUCTURAL ENGINEER.
- REMOVE THE EXISTING GLAZED TILE WAINSCOT COMPLETE.
- REMOVE ALL OF THE THE EXISTING LOBBY FLOOR, DECKING, AND STRUCTURE COMPLETE. 4" CONCRETE OVER METAL DECK OVER BAR JOISTS.
- REMOVE THE EXISTING CAST CONC STAIR, GUARDRAILS, AND HANDRAILS COMPLETE.
- SAWCUT AND REMOVE A PORTION OF THE EXISTING EXTERIOR MASONRY WALL COMPLETE. PRIOR TO THE DEMOLITION WORK, SHORE UP THE ADJACENT, EXISTING EXTERIOR MASONRY WALL(S) AND THE FLOOR AND/OR ROOF JOISTS; CONSULT WITH THE STRUCTURAL ENGINEER.
- EXISTING GLAZED TILE WAINSCOT TO REMAIN.
- REMOVE EXISTING DISPLAY CASES AND STORE ON-SITE FOR REINSTALLATION DURING NEW CONSTRUCTION. COORDINATE WITH NEW WORK ON THE ARCHITECTURAL DRAWINGS.
- REMOVE EXISTING MASONRY WALLS COMPLETE.
- EXISTING DOORS TO REMAIN. PROTECT AS REQ'D DURING CONSTRUCTION TO MAINTAIN THE EXISTING CONDITION.
- EXISTING OPENING TO REMAIN. REMOVE EXISTING GUARDRAIL AND STORE ON-SITE FOR REINSTALLATION DURING NEW CONSTRUCTION. COORDINATE WITH NEW WORK ON THE ARCHITECTURAL DRAWINGS.
- CLOSE OFF EXISTING OPENING AS REQ'D TO PREVENT CONSTRUCTION DUST FROM ENTERING OTHER PARTS OF THE BUILDING DURING CONSTRUCTION.
- SAWCUT AND REMOVE A PORTION OF THE EXISTING GLAZED TILE FLOOR FOR IT TO BE FLUSH WITH THE FACE OF THE EXISTING MASONRY WALL.
- SAWCUT AND REMOVE A PORTION OF THE EXISTING GLAZED TILE WAINSCOT FOR IT TO BE FLUSH WITH THE FACE OF THE EXISTING MASONRY WALL.
- REMOVE EXISTING THRESHOLD.

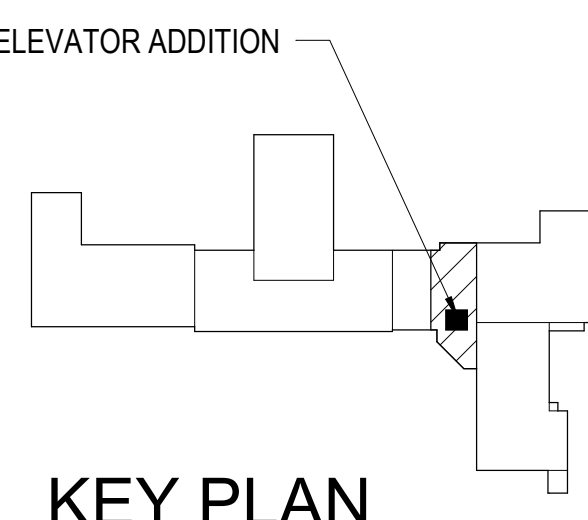
### 1 FLOOR PLAN KEY NOTES

- EDGE OF NEW FLOOR ABOVE.
- EXISTING FLOOR PATCHED WITH NEW VCT INSTALLED TO MATCH EXIST. REF THE DEMOLITION PLAN.
- CONTINUOUS 1 1/2" DIAMETER STEEL HANDRAIL - REF SPECIFICATION SECTION 05 50 00.
- CONTINUOUS STAINLESS STEEL AND GLASS GUARDRAIL, PAINTED - REF SPECIFICATION SECTION 05 50 00.
- PAINTED HSS COLUMN - REF STRUCT.
- CAST IN PLACE CONCRETE SLAB - REF STRUCT.
- CAST IN PLACE CONCRETE SLAB RAMP - REF STRUCT.
- PREMANUFACTURED STEEL STAIRS - REF SPECIFICATION SECTION 05 50 00.
- REPAIR WALL AS REQ'D FOR THE EXISTING WALL TO BE FLUSH WITH THE EXISTING, AJACENT WALL FINISH AND THE NEW GWB RETURNED INTO THE EXISTING OPENING.
- EXISTING GLAZED TILE WAINSCOT TO REMAIN - BLOCK OUT AS REQ'D TO MATCH THICKNESS AND ALIGN WITH NEW WALL METAL FRAMING.
- EDGE OF NEW WALL BELOW.
- EXISTING DISPLAY CASE INSTALLED AT EXISTING OPENING.
- EXISTING GUARDRAIL INSTALLED AT EXISTING OPENING.
- CONC. SLAB ON COMPOSITE DECK - REF STRUCT.
- NEW ALUM SADDLE THRESHOLD AT EXISTING OPENING - REF DTL D4/A-303
- GLASS RAILING ENDS HERE.
- PROVIDE 6'-0" WIDE X 8'-4" MASONRY OPENING FOR ELEVATOR EQUIPMENT. INFILL OPENING WITH 8" CMU WALL AFTER ELEVATOR EQUIPMENT IS INSTALLED, COORDINATE EXACT LOCATION WITH ELEV MFR.
- CONTRACTOR SHALL OMIT WALL OF SHAFT DIRECTLY ADJACENT TO THE CONTORL PANEL UP TO 8'-4" AFF. ONCE ELEVATOR EQUIPMENT IS INSTALLED 8" CMU WALL INFILL WILL BE REQUIRED.



### DEMOLITION LEGEND

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



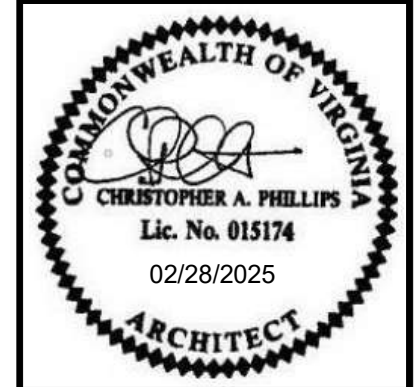
**KEY PLAN**  
NOT TO SCALE

PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055  
DRAWING FIRST FLOOR PLANS

SHEET

**A-101**

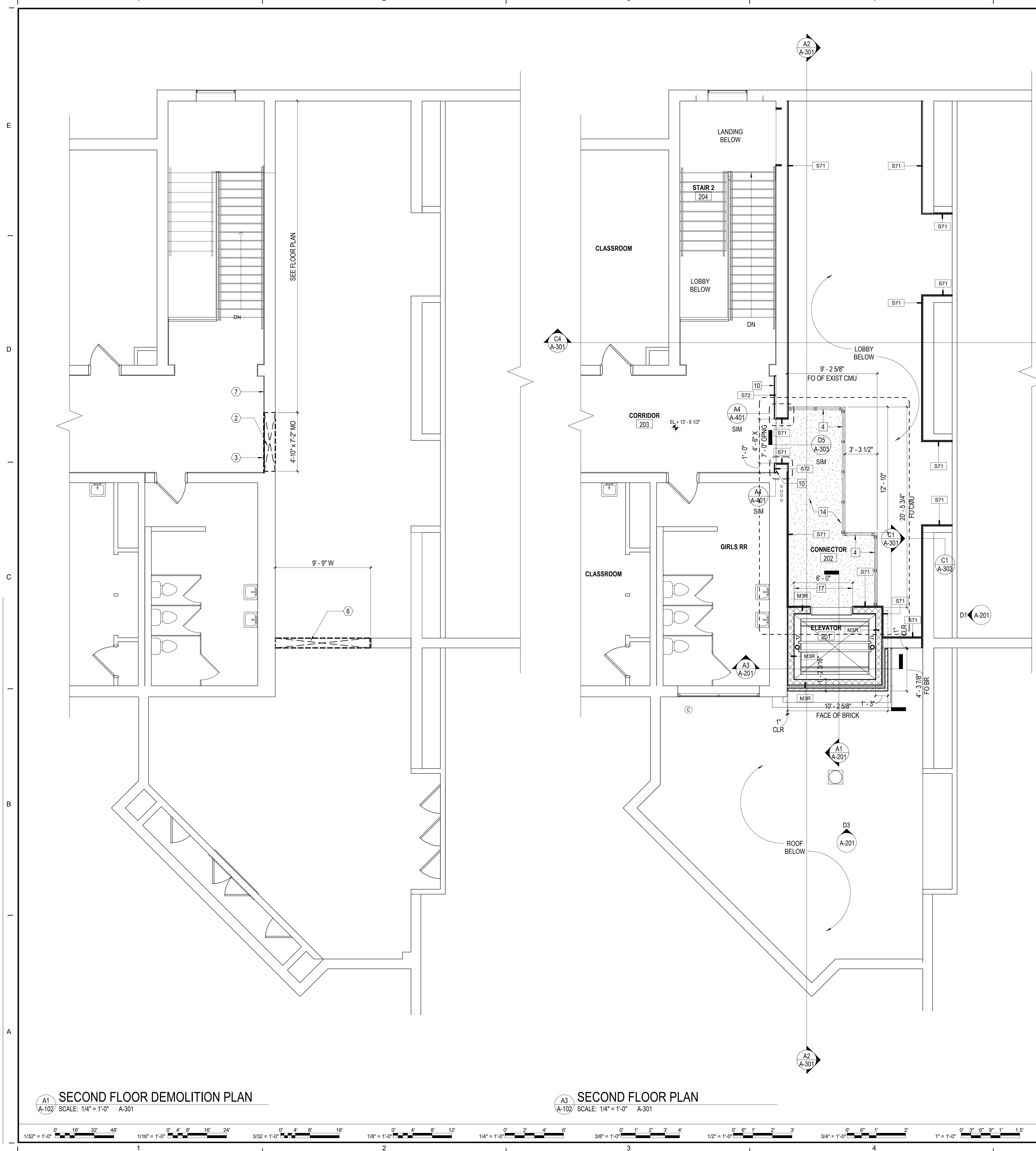
**RRMM**  
ARCHITECTS, PC  
28 Church Ave SW  
Roanoke, Virginia 24011  
(540)344-1212



DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG
02/28/25	21195-18	RRMM	RRMM		

DESCRIPTION	BY	MARK	DATE	REVISIONS

2/21/2025 2:31:49 PM Autodesk Docs/2/195-18 HCPS Campbell Court ES21195-18 04 HCPS Campbell Court ES - ARCH.rvt



## GENERAL ARCHITECTURAL, DEMOLITION, AND REPAIR NOTES

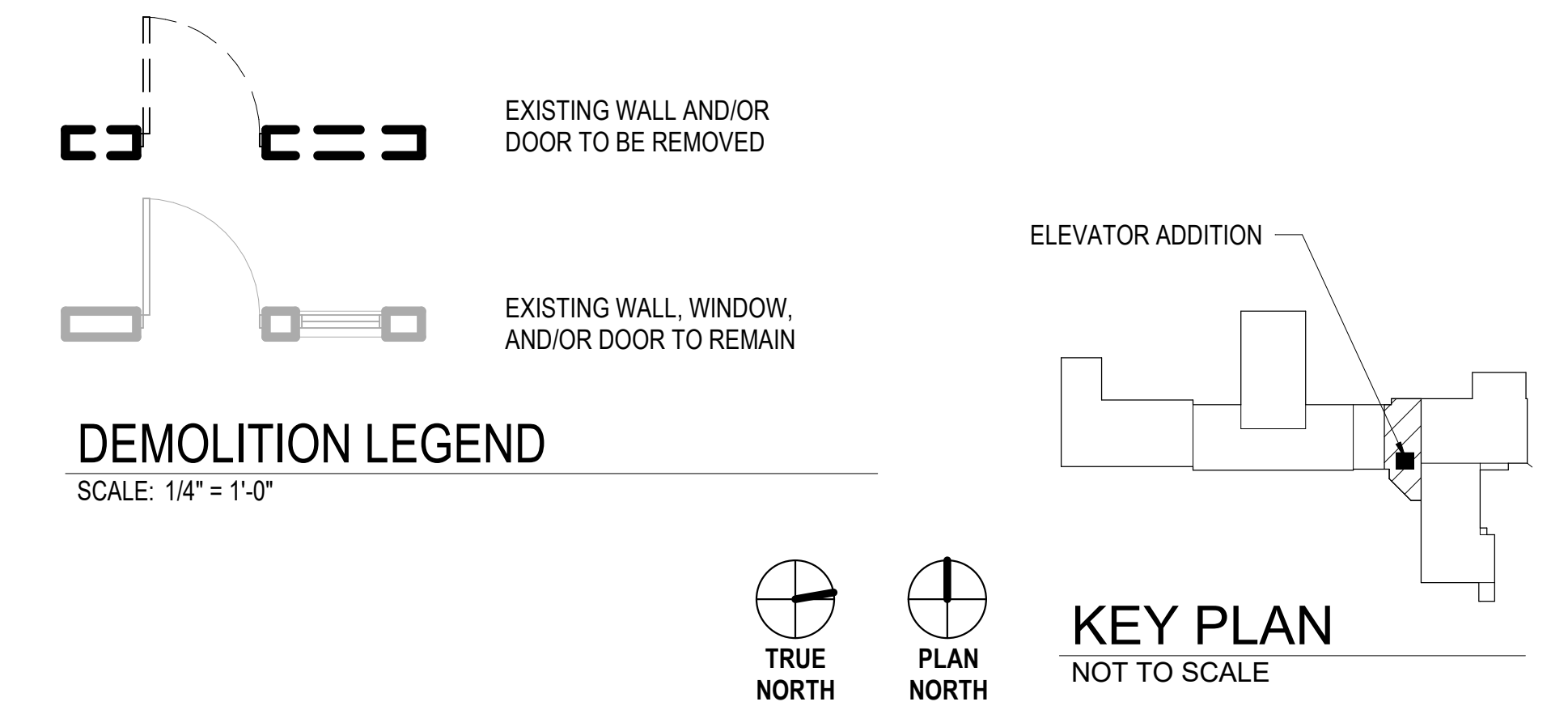
(REFER TO SHEET A101)

### 1 DEMOLITION PLAN KEY NOTES

1. REMOVE EXISTING PARTITION AND GLAZED TILE WAINSCOT AS REQ'D TO CREATE THE NEW WALL OPENING - REF THE FLOOR PLAN.
2. SAWCUT THE EXISTING MASONRY WALL TO CREATE A NEW WALL OPENING. REMOVE MASONRY TO THE LIMITS OF THE NEW OPENING AS NECESSARY TO INSTALL THE NEW LINTEL. ALL NEW MASONRY WORK TO BE TOOTHED IN TO THE EXISTING MASONRY WALLS. PRIOR TO THE DEMOLITION WORK, SHORE UP THE FLOOR AND/OR ROOF JOISTS AND CONSULT WITH THE STRUCTURAL ENGINEER.
3. REMOVE THE EXISTING GLAZED TILE WAINSCOT COMPLETE.
4. REMOVE ALL OF THE THE EXISTING LOBBY FLOOR, DECKING, AND STRUCTURE COMPLETE. 4" CONCRETE OVER METAL DECK OVER BAR JOISTS.
5. REMOVE THE EXISTING CAST CONC STAIR, GUARDRAILS, AND HANDRAILS COMPLETE.
6. SAWCUT AND REMOVE A PORTION OF THE EXISTING EXTERIOR MASONRY WALL COMPLETE. PRIOR TO THE DEMOLITION WORK, SHORE UP THE ADJACENT, EXISTING EXTERIOR MASONRY WALL(S) AND THE FLOOR AND/OR ROOF JOISTS; CONSULT WITH THE STRUCTURAL ENGINEER.
7. EXISTING GLAZED TILE WAINSCOT TO REMAIN.
8. REMOVE EXISTING DISPLAY CASES AND STORE ON-SITE FOR REINSTALLATION DURING NEW CONSTRUCTION. COORDINATE WITH NEW WORK ON THE ARCHITECTURAL DRAWINGS.
9. REMOVE EXISTING MASONRY WALLS COMPLETE.
10. EXISTING DOORS TO REMAIN. PROTECT AS REQ'D DURING CONSTRUCTION TO MAINTAIN THE EXISTING CONDITION.
11. EXISTING OPENING TO REMAIN. REMOVE EXISTING GUARDRAIL AND STORE ON-SITE FOR REINSTALLATION DURING NEW CONSTRUCTION. COORDINATE WITH NEW WORK ON THE ARCHITECTURAL DRAWINGS.
12. CLOSE OFF EXISTING OPENING AS REQ'D TO PREVENT CONSTRUCTION DUST FROM ENTERING OTHER PARTS OF THE BUILDING DURING CONSTRUCTION.
13. SAWCUT AND REMOVE A PORTION OF THE EXISTING GLAZED TILE FLOOR FOR IT TO BE FLUSH WITH THE FACE OF THE EXISTING MASONRY WALL.
14. SAWCUT AND REMOVE A PORTION OF THE EXISTING GLAZED TILE WAINSCOT FOR IT TO BE FLUSH WITH THE FACE OF THE EXISTING MASONRY WALL.
15. REMOVE EXISTING THRESHOLD.

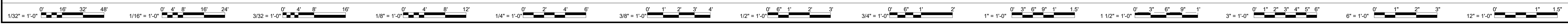
### 1 FLOOR PLAN KEY NOTES

1. EDGE OF NEW FLOOR ABOVE.
2. EXISTING FLOOR PATCHED WITH NEW VCT INSTALLED TO MATCH EXIST. REF THE DEMOLITION PLAN.
3. CONTINUOUS 1 1/2" DIAMETER STEEL HANDRAIL - REF SPECIFICATION SECTION 05 50 00.
4. CONTINUOUS STAINLESS STEEL AND GLASS GUARDRAIL, PAINTED - REF SPECIFICATION SECTION 05 50 00.
5. PAINTED HSS COLUMN - REF STRUCT.
6. CAST IN PLACE CONCRETE SLAB - REF STRUCT.
7. CAST IN PLACE CONCRETE SLAB RAMP - REF STRUCT.
8. PREMANUFACTURED STEEL STAIRS - REF SPECIFICATION SECTION 05 50 00.
9. REPAIR WALL AS REQ'D FOR THE EXISTING WALL TO BE FLUSH WITH THE EXISTING, AJACENT WALL FINISH AND THE NEW GWB RETURNED INTO THE EXISTING OPENING.
10. EXISTING GLAZED TILE WAINSCOT TO REMAIN - BLOCK OUT AS REQ'D TO MATCH THICKNESS AND ALIGN WITH NEW WALL METAL FRAMING.
11. EDGE OF NEW WALL BELOW.
12. EXISTING DISPLAY CASE INSTALLED AT EXISTING OPENING.
13. EXISTING GUARDRAIL INSTALLED AT EXISTING OPENING.
14. CONC SLAB ON COMPOSITE DECK - REF STRUCT.
15. NEW ALUM SADDLE THRESHOLD AT EXISTING OPENING - REF DTL D4/A-303
16. GLASS RAILING ENDS HERE.
17. PROVIDE 6'-0" WIDE X 8'-4" MASONRY OPENING FOR ELEVATOR EQUIPMENT. INFILL OPENING WITH 8" CMU WALL AFTER ELEVATOR EQUIPMENT IS INSTALLED, COORDINATE EXACT LOCATION WITH ELEV MFR.
18. CONTRACTOR SHALL OMIT WALL OF SHAFT DIRECTLY ADJACENT TO THE CONTORL PANEL UP TO 8'-4" AFF. ONCE ELEVATOR EQUIPMENT IS INSTALLED 8" CMU WALL INFILL WILL BE REQUIRED.



A1  
A-102  
SECOND FLOOR DEMOLITION PLAN  
SCALE: 1/4" = 1'-0" A-301

A3  
A-301  
SECOND FLOOR PLAN  
SCALE: 1/4" = 1'-0" A-301



DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG
02.28.25	21195-18	RRMM	RRMM		

RRMM ARCHITECTS, PC  
28 Church Ave SW  
Roanoke, Virginia 24011  
(540)344-1212

ARCHITECT

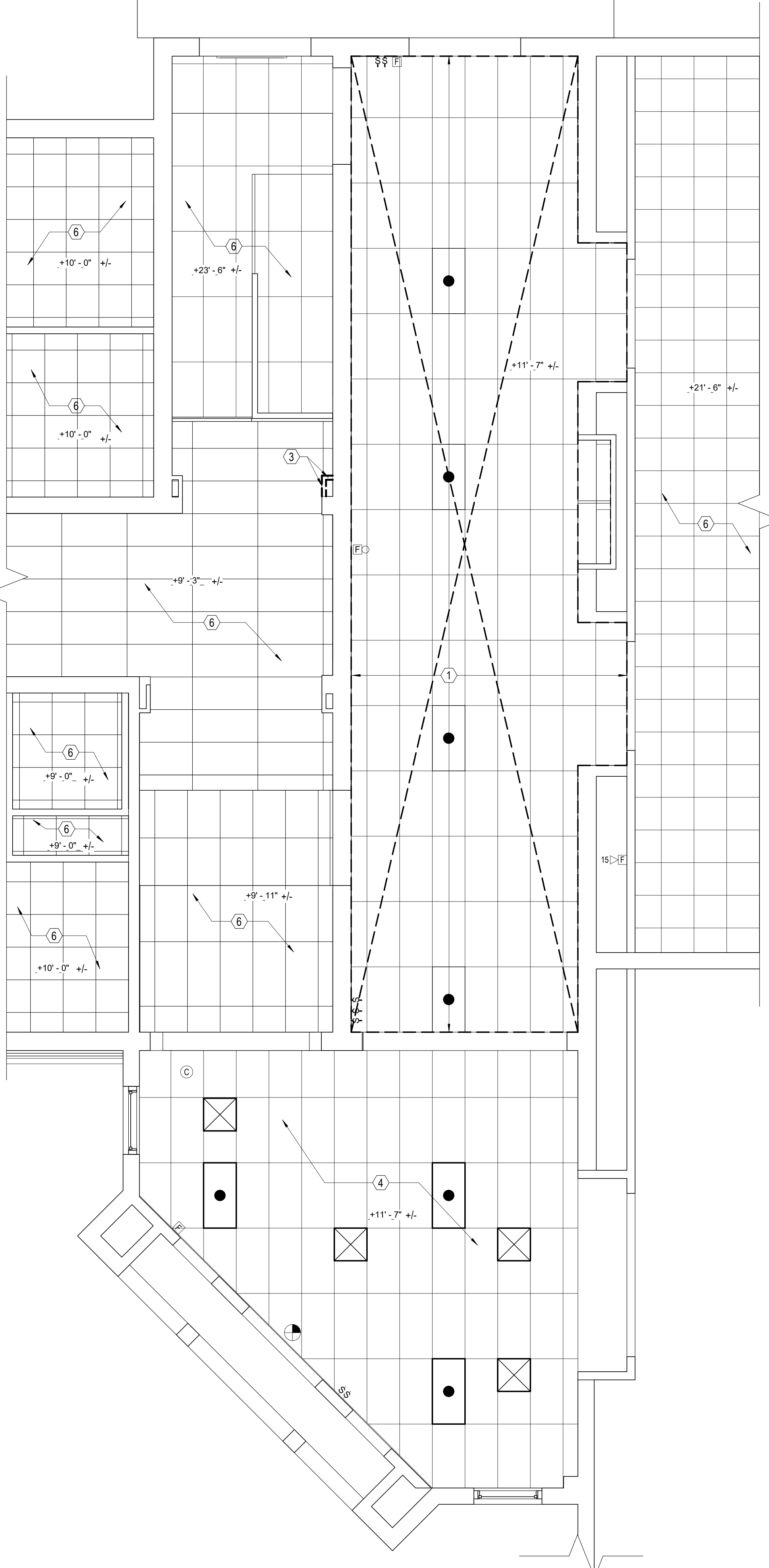
PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055

DRAWING SECOND FLOOR PLANS

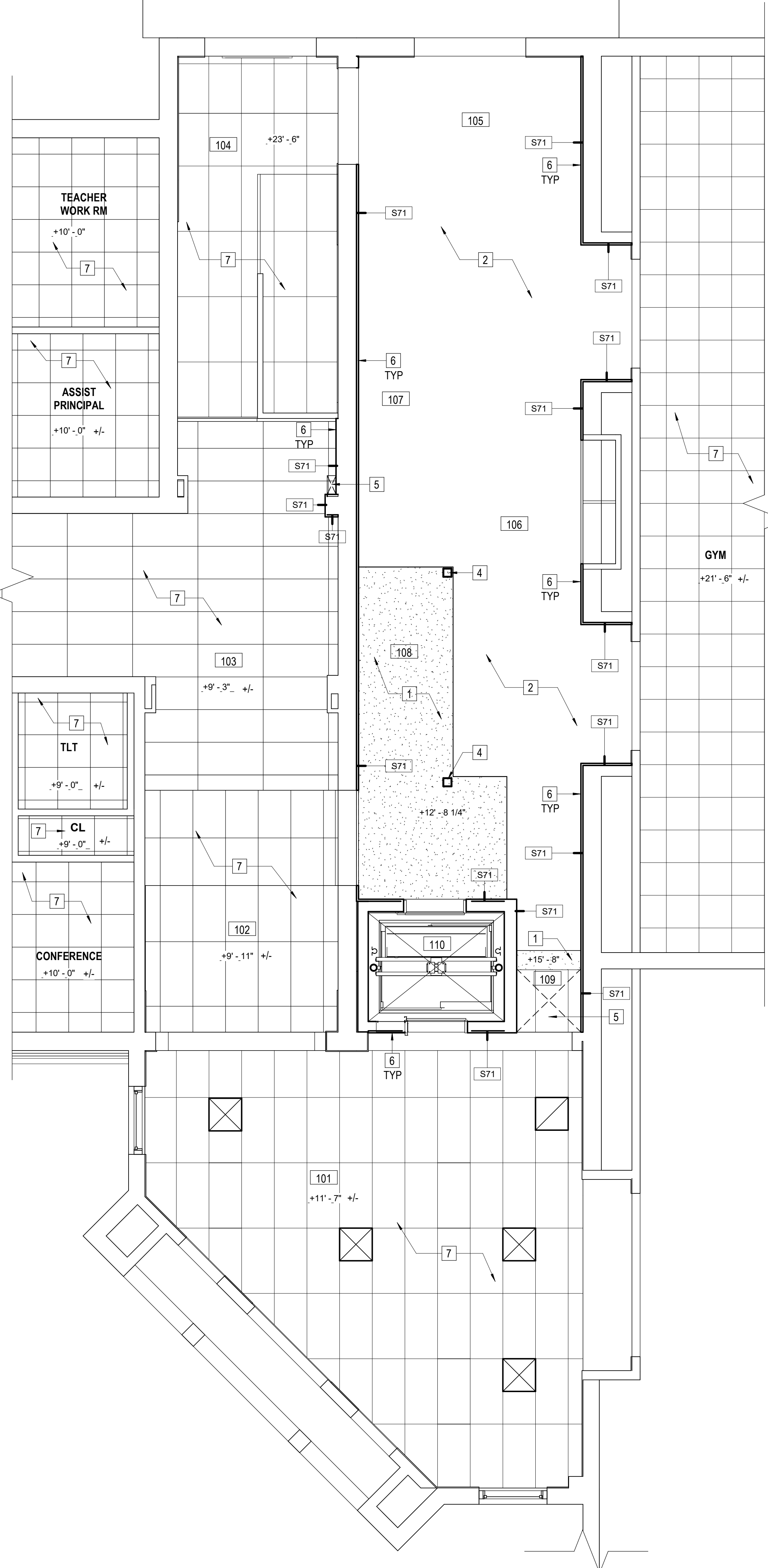
SHEET A-102



2/21/2025 2:31:50 PM Autodesk Docs/2/195-18 HCPSS Campbell Court ES21195-18 04 HCPSS Campbell Court ES - ARCH.rvt



A1 FIRST FLOOR RCP DEMOLITION PLAN  
A-103 SCALE: 1/4" = 1'-0"



A3 FIRST FLOOR REFLECTED CEILING PLAN  
A-103 SCALE: 1/4" = 1'-0"

REFLECTED CEILING PLAN LEGEND

GYPSUM BOARD CEILING OR BULKHEAD

2'-0" x 2'-0" LAY-IN ACOUSTICAL TILE CEILING IN SUSPENDED GRID

2'-0" x 4'-0" LAY-IN ACOUSTICAL TILE CEILING IN SUSPENDED GRID

LIGHT FIXTURES

DOWN LIGHT

SUPPLY DIFFUSER

RETURN AIR GRILLE

+X'-X" CEILING HEIGHT

EXIT LIGHT

PARTITION TERMINATION LEGEND

PARTITION WHICH PENETRATES THE CLG & TERMINATES 4" ABOVE FINISHED CLG. UONPARTITION WHICH CONTINUES THROUGH CLG TO BOTTOM OF ROOF DECK ABV (UNLESS NOTED OTHERWISE), AT GYP BD PARTITION PROVIDE BATT INSUL IN VOIDS IN DECK FOR SOUND TRANSMISSION BLOCKING OR CONT SEALANT. REF PARTITION TYPE LEGEND ON A-0.1 FOR ADDITIONAL INFORMATION.

- REFLECTED CEILING PLAN GENERAL NOTES
1. REFER TO THE FLOOR PLANS AND ELEVATOR SECTIONS FOR ADDITIONAL INFORMATION.

2. REFER TO ELECTRICAL LIGHTING PLANS FOR WALL MOUNTED FIXTURES NOT INDICATED.

3. REFER TO THE ELEC AND MECH DRAWINGS FOR CEILING MOUNTED FIXTURE TYPES AND DIFFUSER LOCATIONS. NOTIFY THE ARCHITECT PRIOR TO THE INSTALLATION OF CONFLICTS WITH LOCATIONS INDICATED ON THE DRAWINGS. ADDITIONAL FIXTURES OR OTHER CEILING AMTERIALS NOT SHOWN ON THE REFLECTED CEILING PLANS BUT ON THE ELECTRICAL OR MECHANICAL DRAWINGS ARE INCLUDED IN THE BASE BID.

4. SUPPLY AND DIFFUSER GRILLES ARE INDICATED DIAGRAMMATICALLY IN THE REFLECTED CEILING PLANS FOR LOCATION ONLY. REFER TO THE MECH DRAWINGS FOR ACTUAL SIZE AND TYPE TO BE PROVIDED.

5. PAINT ALL GWB CEILING WITH COLOR(S) INDICATED IN THE FINISH SCHEDULE.

6. DIMENSIONS AND SPOT ELEVATIONS INDICATED ON THE REFLECTED CEILING PLANS ARE TO THE FACE OF GWB OR ACT GRID.

- REFLECTED CEILING PLAN DEMOLITION KEY NOTES
1. REMOVE EXISTING FINISH CEILING SYSTEM COMPLETE TO EXTENTS INDICATED WITHIN THE SPACE.

2. SAWCUT AND REMOVE A PORTION OF THE EXISTING EXTERIOR MASONRY WALL COMPLETE. PRIOR TO THE DEMOLITION WORK, SHORE UP THE ADJACENT, EXISTING EXTERIOR MASONRY WALL(S) AND THE FLOOR AND/OR ROOF JOISTS; CONSULT WITH THE STRUCTURAL ENGINEER.

3. REMOVE EXISTING PARTITION AND GLAZED TILE WAINSCOT AS REQ'D TO CREATE THE NEW WALL OPENING - REF THE FLOOR PLAN.

4. EXISTING FINISH CEILING SYSTEM TO REMAIN. SHORE UP THE EXISTING ACT CEILING GRID AS REQ'D AND CUT BACK TO THE FACE OF THE NEW PARTITION S71 - REF THE FLOOR PLAN AND REFLECTED CEILING PLAN.

5. EXISTING STRUCTURE TO REMAIN.

6. EXISTING FINISH CEILING TO REMAIN.

7. EXISTING FINISH CEILING AT CANOPY TO REMAIN.

- REFLECTED CEILING PLAN KEY NOTES
1. GWB CEILING ON 3 5/8" METAL STUD FRAMING @ 16" O.C., MAX.

2. OPEN TO SUSPENDED CEILING ABOVE.

3. 2' - 0" X 4' - 0" LAY-IN ACOUSTICAL TILE CEILING IN 15/16" SUSPENDED GRID - REF THE FINISH SCHED.

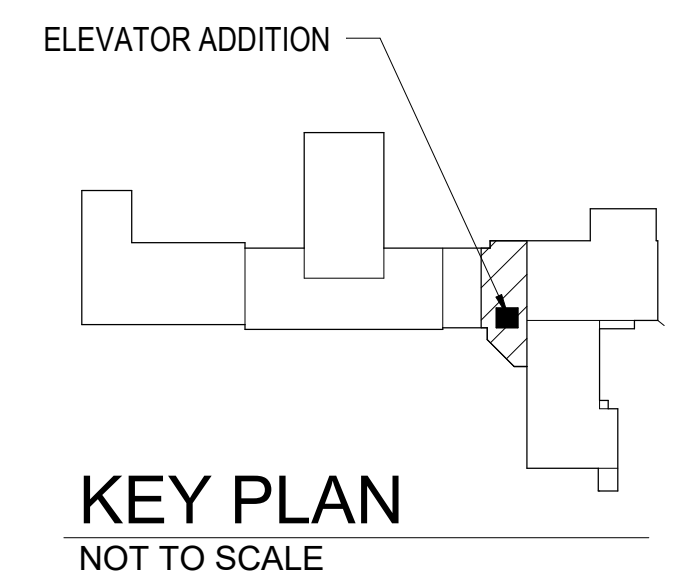
4. PAINTED HSS COL - REF STRUCT.

5. LAY-IN ACT CEILING AND SUSPENDED GRID TIED INTO THE EXISTING ACT CEILING - MATCH THE EXISTING SIZE AND FINISH TYPE.

6. CONTINUE PARTITION TYPE S71 PAST THE NEW ACT CEILING 6" MIN - REF DTL D3/A-303

7. EXISTING CEILING TO REMAIN. CONTRACTOR SHALL REPLACE ANY DAMAGED GRID OR CEILING PANELS RESULTING FROM CONSTRUCTION.

8. EXISTING FINISH CEILING AT CANOPY TO REMAIN.



PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055

DRAWING FIRST FLOOR REFLECTED CEILING PLANS

SHEET A-103

DATE 02.28.25  
PROJECT 21195-18  
DESIGNED RMM  
DRAWN RMM  
CHECKED ACB

DESCRIPTION  
BY  
MARK DATE  
REVISIONS

RRMM ARCHITECTS, PC  
28 Church Ave SW  
Roanoke, Virginia 24011  
(540)344-1212

ARCHITECT  
CHRISTOPHER A. PHELPS  
Lic. No. 015174  
02/28/2025

2/21/2025 2:31:51 PM Autodesk Docs/2/195-18 HGPS Campbell Court ES21195-18.dwg HGPS Campbell Court ES - ARCH.rvt

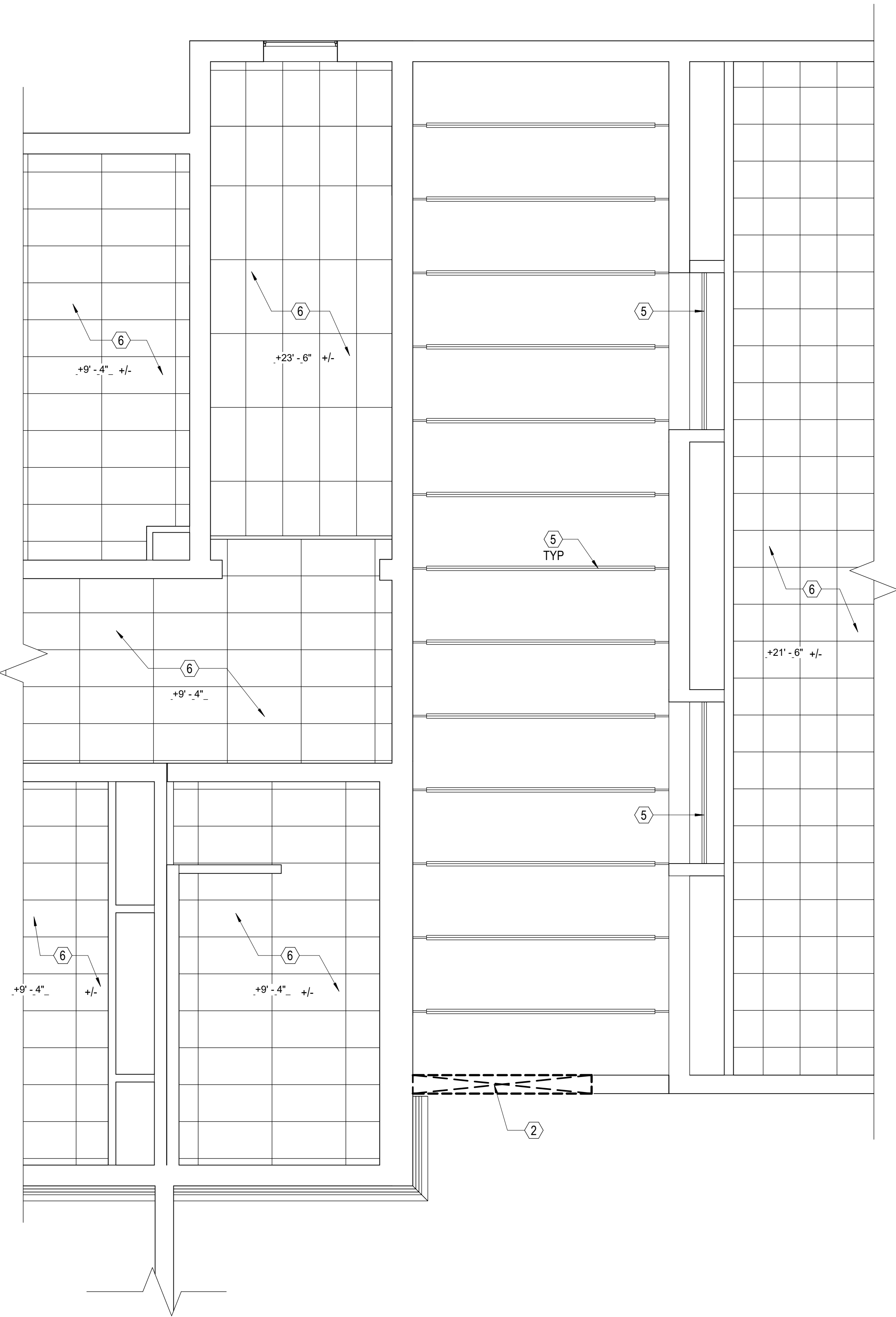
E

D

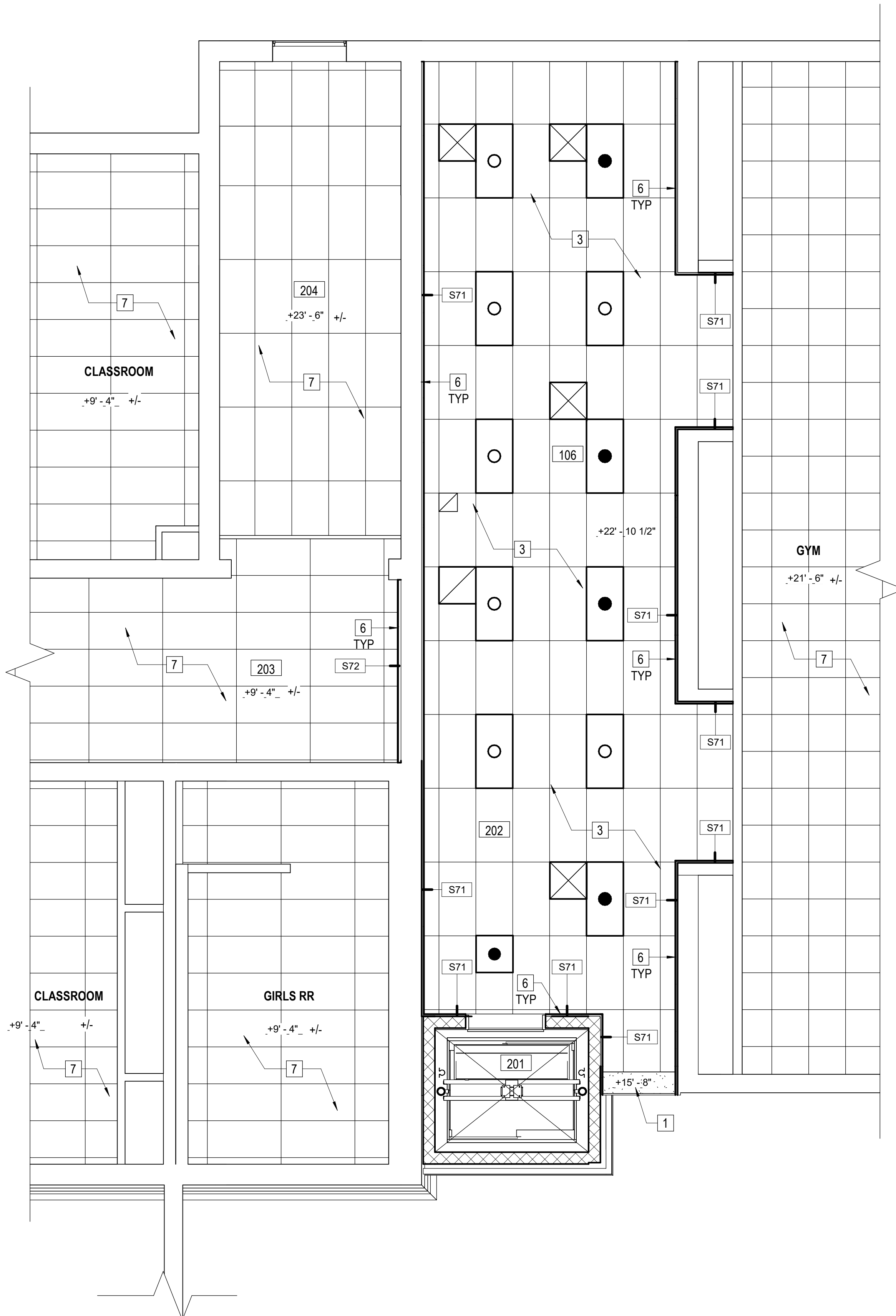
C

B

A



A1 SECOND FLOOR RCP DEMOLITION PLAN  
A-104 SCALE: 1/4" = 1'-0"



A3 SECOND FLOOR REFLECTED CEILING PLAN  
A-104 SCALE: 1/4" = 1'-0"

## REFLECTED CEILING PLAN LEGEND

	GYPSUM BOARD CEILING OR BULKHEAD		LIGHT FIXTURES
	2'-0" x 2'-0" LAY-IN ACOUSTICAL TILE CEILING IN SUSPENDED GRID		DOWN LIGHT
	2'-0" x 4'-0" LAY-IN ACOUSTICAL TILE CEILING IN SUSPENDED GRID		SUPPLY DIFFUSER
			RETURN AIR GRILLE
			CEILING HEIGHT
			EXIT LIGHT

## PARTITION TERMINATION LEGEND

	PARTITION WHICH PENETRATES THE CLG & TERMINATES 4" ABOVE FINISHED CLG. UON PARTITION WHICH CONTINUES THROUGH CLG TO BOTTOM OF ROOF DECK ABV (UNLESS NOTED OTHERWISE). AT GYP BD PARTITION PROVIDE BATT INSUL IN VOIDS IN DECK FOR SOUND TRANSMISSION BLOCKING OR CONT SEALANT. REF PARTITION TYPE LEGEND ON A-0.1 FOR ADDITIONAL INFORMATION.
--	---

## REFLECTED CEILING PLAN GENERAL NOTES

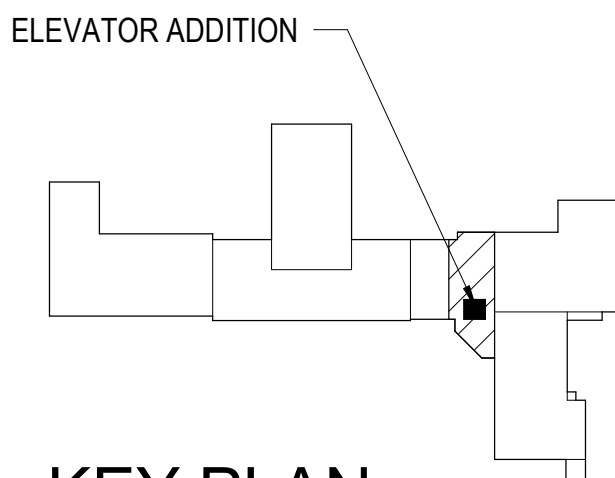
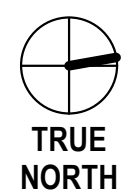
- REFER TO THE FLOOR PLANS AND ELEVATOR SECTIONS FOR ADDITIONAL INFORMATION.
- REFER TO ELECTRICAL LIGHTING PLANS FOR WALL MOUNTED FIXTURES NOT INDICATED.
- REFER TO THE ELEC AND MECH DRAWINGS FOR CEILING MOUNTED FIXTURE TYPES AND DIFFUSER LOCATIONS. NOTIFY THE ARCHITECT PRIOR TO THE INSTALLATION OF CONFLICTS WITH LOCATIONS INDICATED ON THE DRAWINGS. ADDITIONAL FIXTURES OR OTHER CEILING AMTERIALS NOT SHOWN ON THE REFLECTED CEILING PLANS BUT ON THE ELECTRICAL OR MECHANICAL DRAWINGS ARE INCLUDED IN THE BASE BID.
- SUPPLY AND DIFFUSER GRILLES ARE INDICATED DIAGRAMATICALLY IN THE REFLECTED CEILING PLANS FOR LOCATION ONLY. REFER TO THE MECH DRAWINGS FOR ACTUAL SIZE AND TYPE TO BE PROVIDED.
- PAINT ALL GWB CEILING WITH COLOR(S) INDICATED IN THE FINISH SCHEDULE.
- DIMENSIONS AND SPOT ELEVATIONS INDICATED ON THE REFLECTED CEILING PLANS ARE TO THE FACE OF GWB OR ACT GRID.

## REFLECTED CEILING PLAN DEMOLITION KEY NOTES

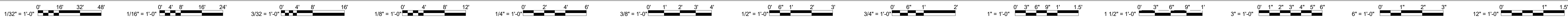
- REMOVE EXISTING FINISH CEILING SYSTEM COMPLETE TO EXTENTS INDICATED WITHIN THE SPACE.
- SAWCUT AND REMOVE A PORTION OF THE EXISTING EXTERIOR MASONRY WALL COMPLETE. PRIOR TO THE DEMOLITION WORK, SHORE UP THE ADJACENT, EXISTING EXTERIOR MASONRY WALL(S) AND THE FLOOR AND/OR ROOF JOISTS. CONSULT WITH THE STRUCTURAL ENGINEER.
- REMOVE EXISTING PARTITION AND GLAZED TILE WAINSCOT AS REQ'D TO CREATE THE NEW WALL OPENING - REF THE FLOOR PLAN.
- EXISTING FINISH CEILING SYSTEM TO REMAIN. SHORE UP THE EXISTING ACT CEILING GRID AS REQ'D AND CUT BACK TO THE FACE OF THE NEW PARTITION S71 - REF THE FLOOR PLAN AND REFLECTED CEILING PLAN.
- EXISTING STRUCTURE TO REMAIN.
- EXISTING FINISH CEILING TO REMAIN.
- EXISTING FINISH CEILING AT CANOPY TO REMAIN.

## REFLECTED CEILING PLAN KEY NOTES

- GWB CEILING ON 3 5/8" METAL STUD FRAMING @ 16" O.C., MAX.
- OPEN TO SUSPENDED CEILING ABOVE.
- 2' - 0" X 4' - 0" LAY-IN ACOUSTICAL TILE CEILING IN 15/16" SUSPENDED GRID - REF THE FINISH SCHED.
- PAINTED HSS COL - REF STRUCT.
- LAY-IN ACT CEILING AND SUSPENDED GRID TIED INTO THE EXISTING ACT CEILING - MATCH THE EXISTING SIZE AND FINISH TYPE.
- CONTINUE PARTITION TYPE S71 PAST THE NEW ACT CEILING 6" MIN - REF DTL **D3 / A-303**.
- EXISTING CEILING TO REMAIN. CONTRACTOR SHALL REPLACE ANY DAMAGED GRID OR CEILING PANELS RESULTING FROM CONSTRUCTION.
- EXISTING FINISH CEILING AT CANOPY TO REMAIN.



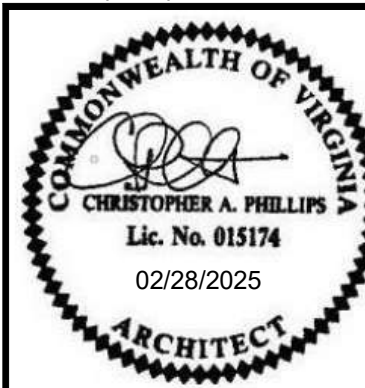
KEY PLAN  
NOT TO SCALE



DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG
02.28.25	21195-18	RRMM	RRMM		

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG
02.28.25	21195-18	RRMM	RRMM		

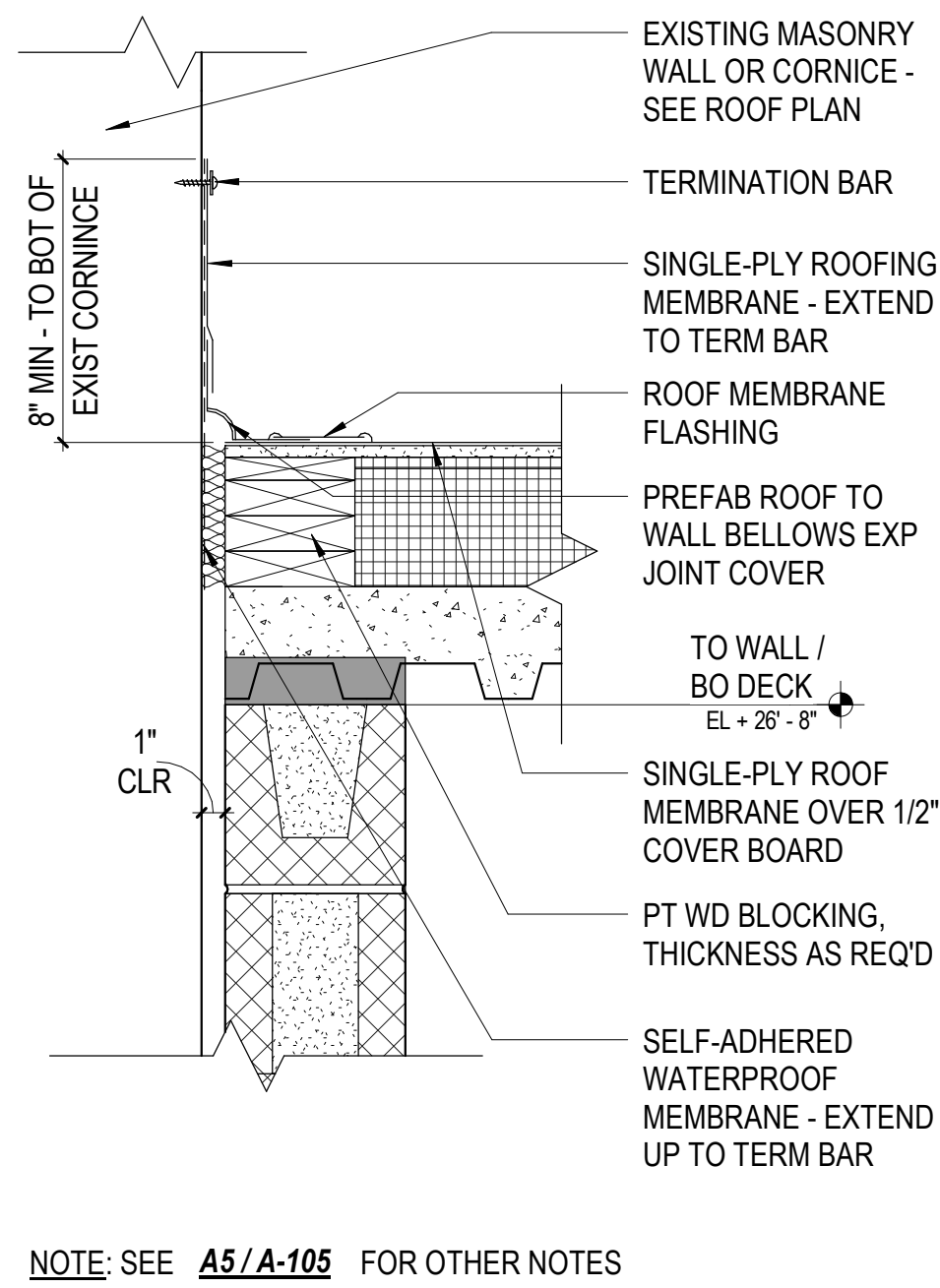
DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG
02.28.25	21195-18	RRMM	RRMM		



PROJECT	CAMPBELL COURT E.S. ELEVATOR ADDITION HENRY COUNTY PUBLIC SCHOOLS 220 CAMPBELL CT BASSETT, VA 24055
DRAWING	SECOND FLOOR REFLECTED CEILING PLANS

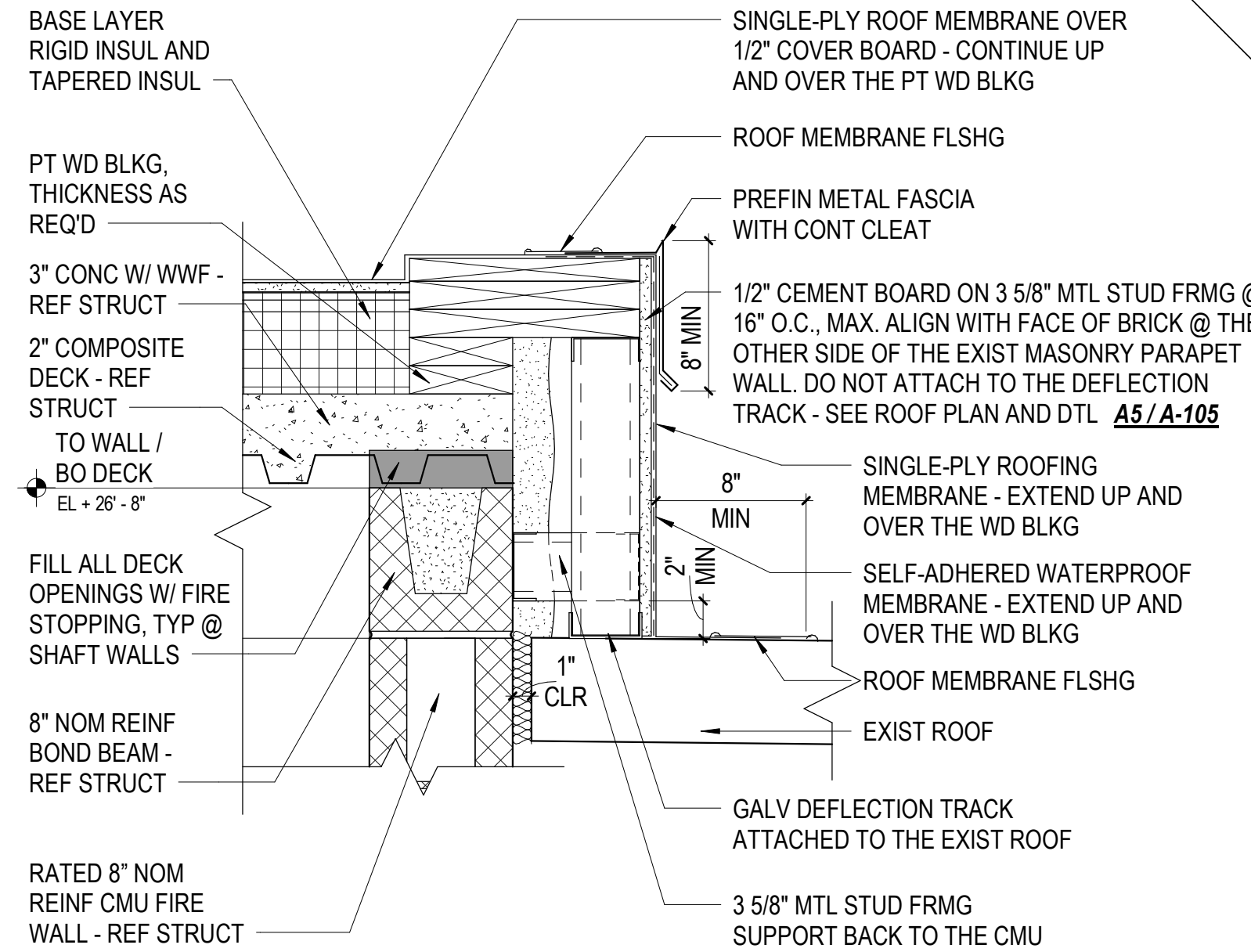
SHEET	A-104
-------	-------





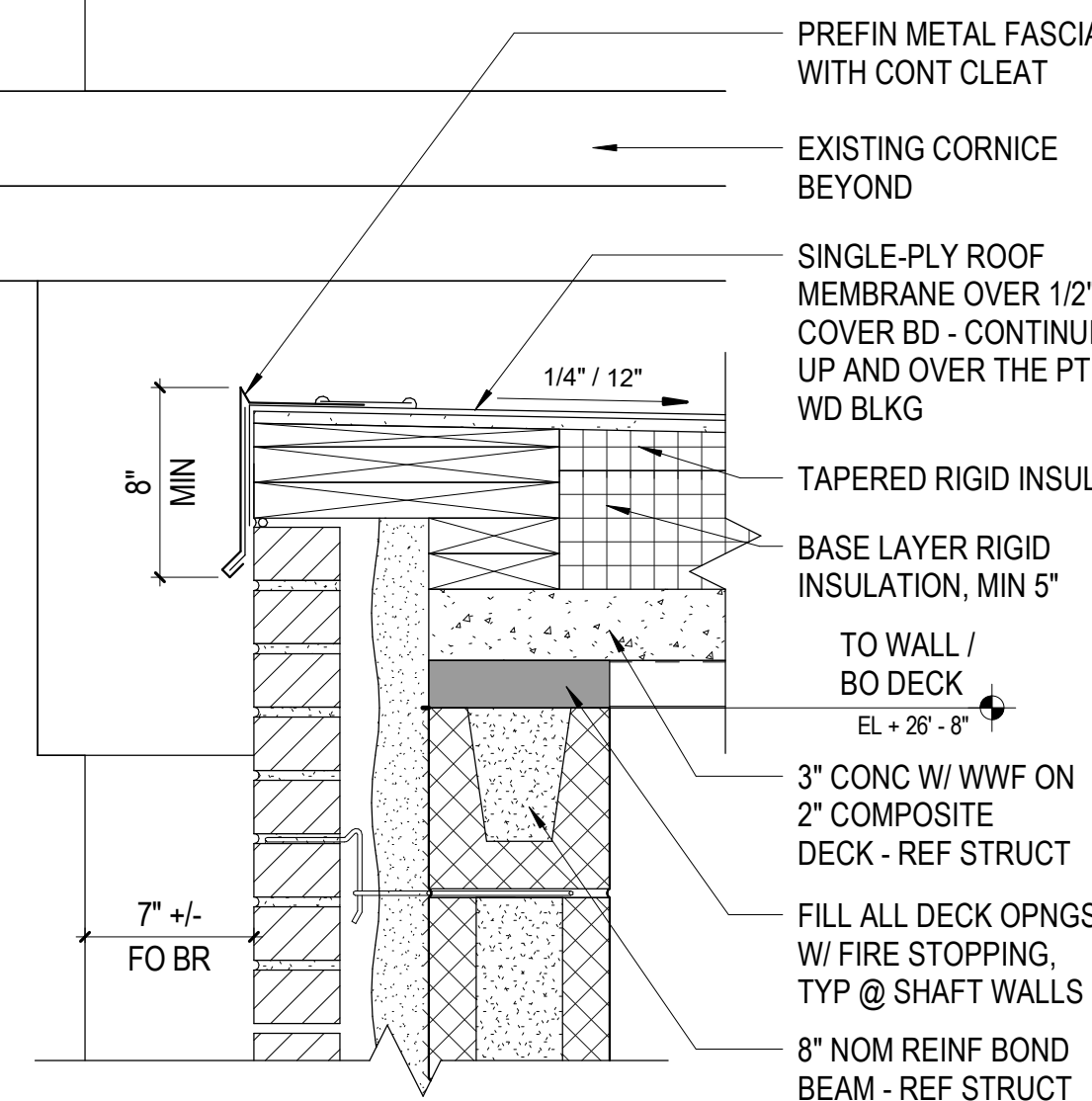
NOTE: SEE **A5/A-105** FOR OTHER NOTES

**E1 NEW ROOF @ EXISTING WALL**  
A-105 SCALE: 1 1/2" = 1'-0"



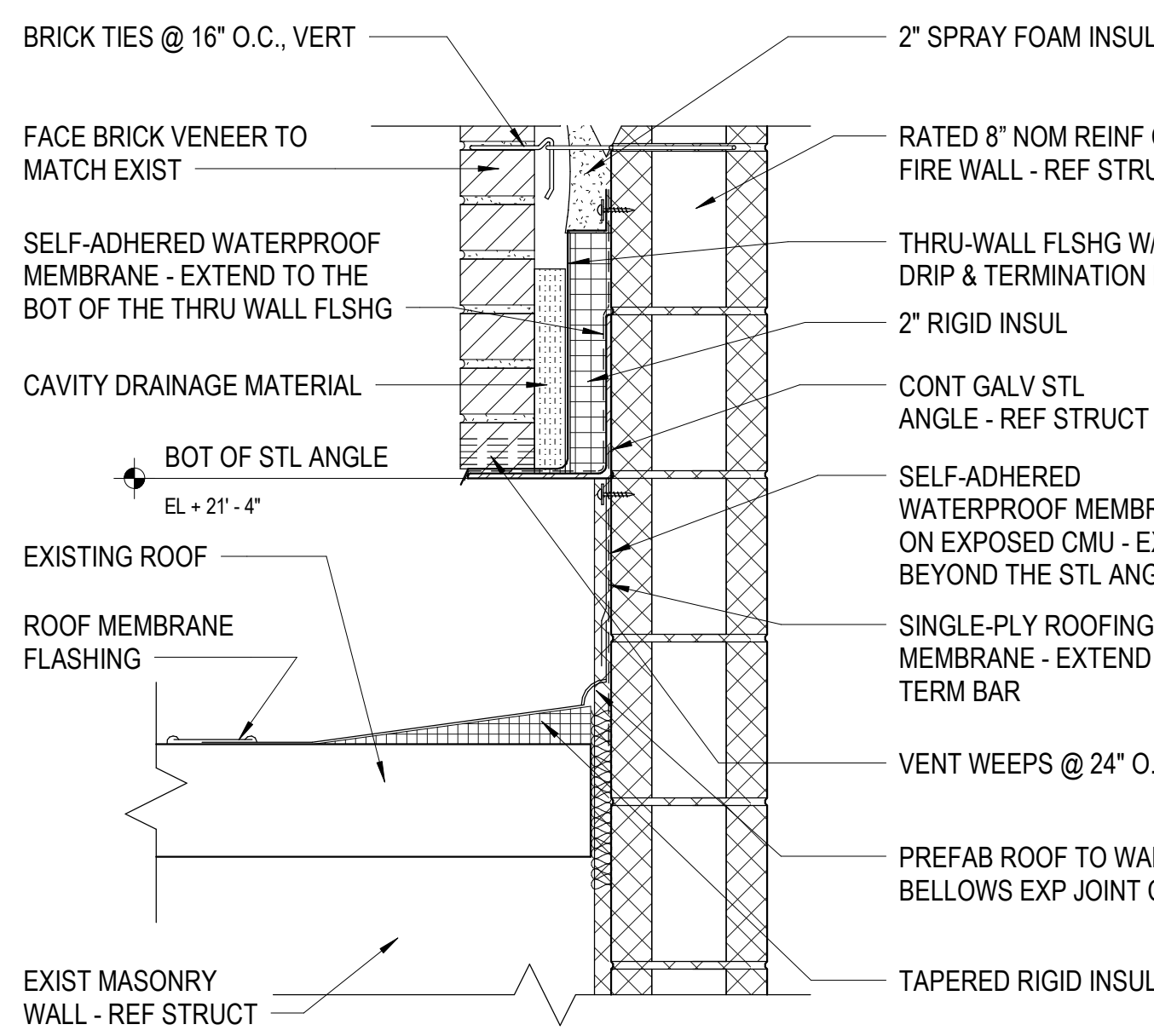
NOTE: SEE **A5/A-105** FOR OTHER NOTES

**E2 FRAMED WALL @ EXISTING ROOF**  
A-105 SCALE: 1 1/2" = 1'-0"



NOTE: SEE **A5/A-105** FOR OTHER NOTES

**E3 HIGH SIDE ROOF DETAIL**  
A-105 SCALE: 1 1/2" = 1'-0"



NOTE: SEE **A5/A-105** FOR OTHER NOTES

**E4 BRICK WALL @ THE EXISTING ROOF**  
A-105 SCALE: 1 1/2" = 1'-0"

## ROOF PLAN GENERAL NOTES

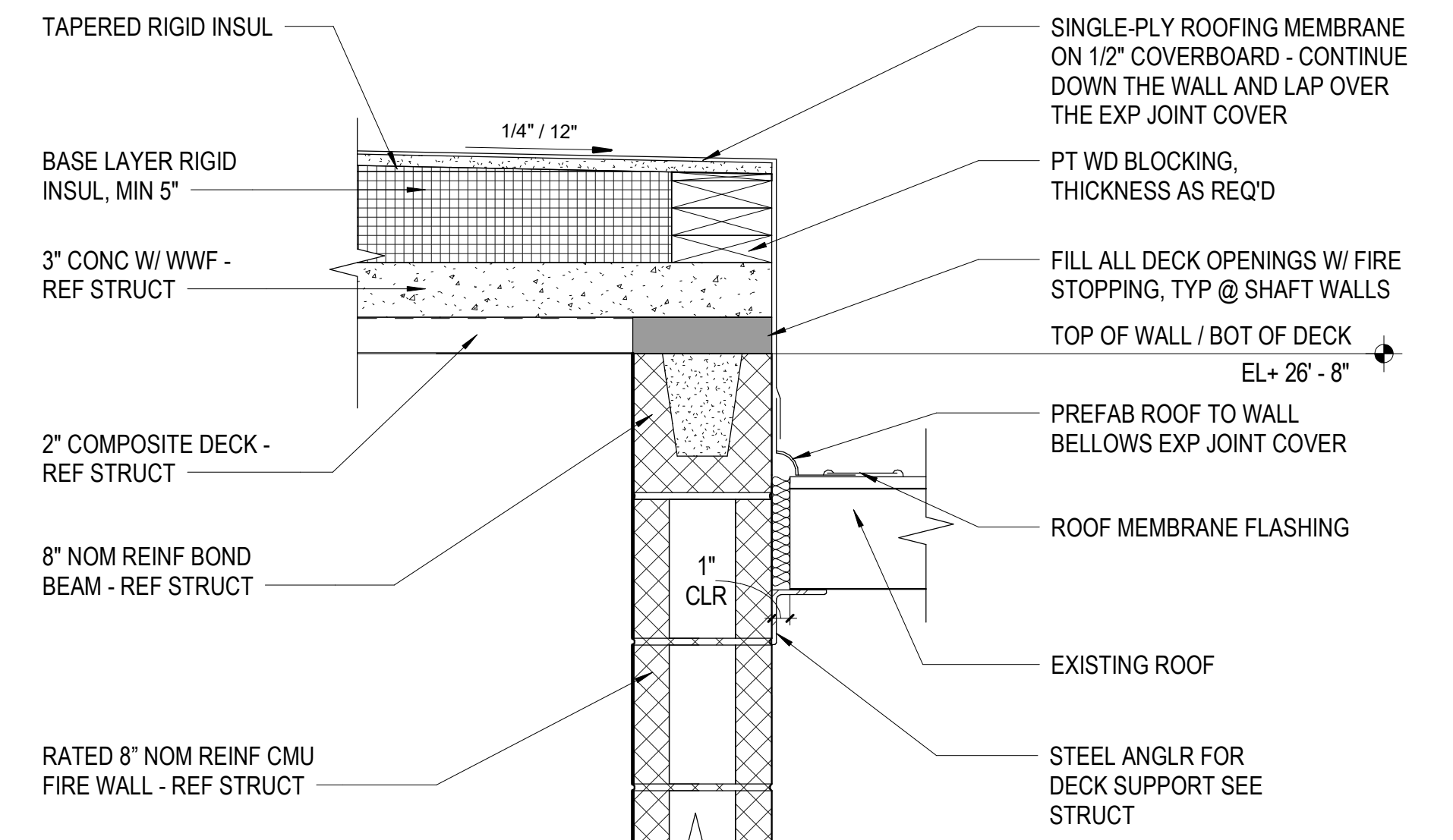
- ALL EXISTING ROOFS ARE UNDER WARRANTY AND ALL WORK INVOLVING TIE-IN WITH THE EXISTING ROOF SHALL BE PERFORMED TO MAINTAIN THAT WARRANTY AND BE ACCEPTABLE TO THE ROOFING WARRANTY PROVIDER. OWNER WILL PROVIDE CONTRACTOR WITH WARRANTY INFORMATION PRIOR TO CONSTRUCTION.
- CONTRACTOR TO VERIFY AND COORDINATE ALL ROOF RELATED WORK OVER THE EXISTING BUILDING WITH THE WARRANTY PROVIDER.

## DEMOLITION ROOF PLAN KEY NOTES

- CUT AND REMOVE A PORTION OF THE EXISTING ROOF AND EXISTING ROOF STRUCTURE TO ALLOW ROOM FOR THE NEW ELEVATOR SHAFT. PRIOR TO THE DEMOLITION WORK, SHORE UP THE ADJACENT, EXISTING ROOF STRUCTURE AND CONSULT WITH THE STRUCTURAL ENGINEER.
- SAWCUT AND REMOVE A PORTION OF THE EXISTING EXTERIOR MASONRY WALL COMPLETE. PRIOR TO THE DEMOLITION WORK, SHORE UP THE ADJACENT, EXISTING EXTERIOR MASONRY WALL(S) AND CONSULT WITH THE STRUCTURAL ENGINEER.
- EXISTING ROOF TOP EXHAUST FAN TO REMAIN.
- EXISTING CORNICE TO REMAIN.
- EXISTING ROOF TO ROOF LADDER TO REMAIN.
- EXISTING ROOF TO REMAIN.
- EXISTING VENT THRU ROOF TO REMAIN.
- EXISTING PARAPET TO REMAIN.
- EXISTING POLE AND CONNECTED WIRING TO REMAIN.
- REMOVE EXISTING POLE AND ALL CONNECTED, ASSOCIATED WIRING AND RELOCATE ONTO AN EXISTING, NEARBY ROOFTOP - REF ELEC.

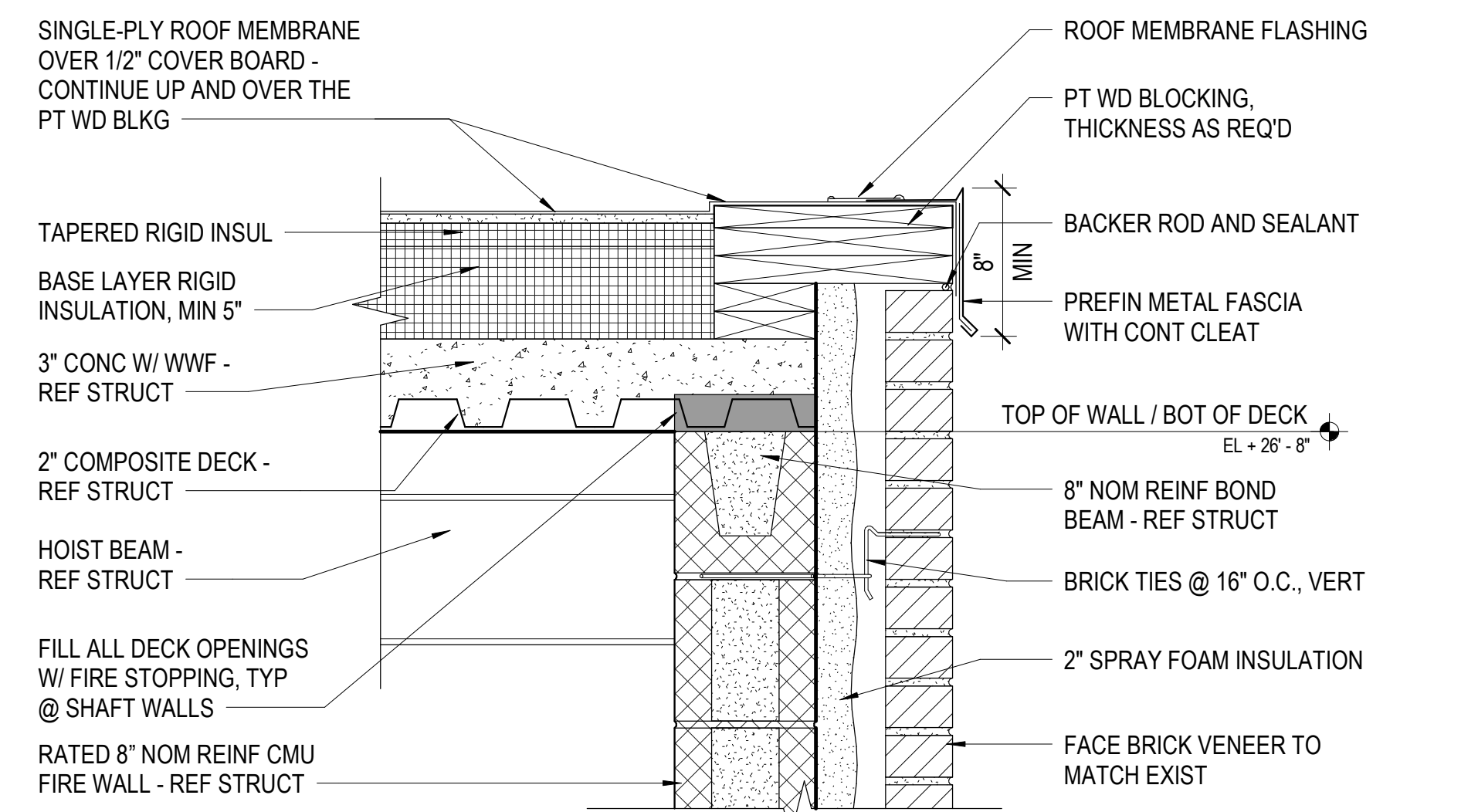
## ROOF PLAN KEY NOTES

- SINGLE-PLY ROOFING MEMBRANE ON 1/2" COVERBOARD, TAPERED RIGID INSULATION, AND 5" RIGID INSULATION OVER CONCRETE AND COMPOSITE DECK.
- PREFINISHED METAL FASCIA WITH CONTINUOUS CLEAT.
- EXISTING ROOF.
- EXISTING ROOF BELOW.



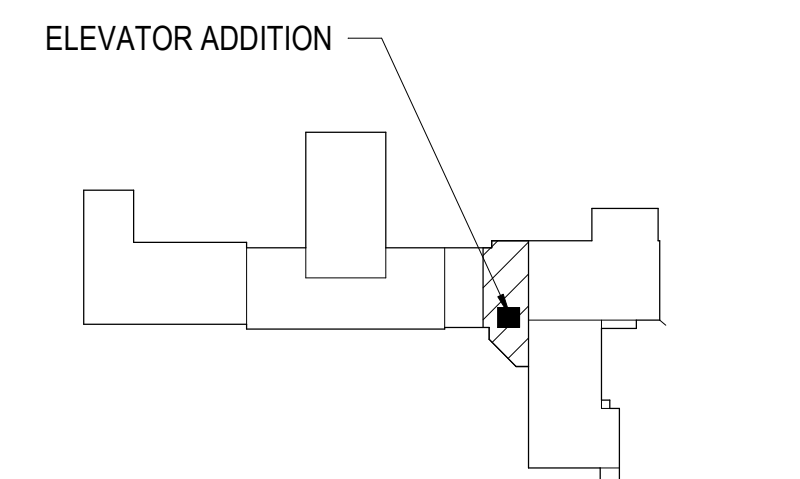
## LOW SIDE ROOF DETAIL

C5 A-105 SCALE: 1 1/2" = 1'-0"



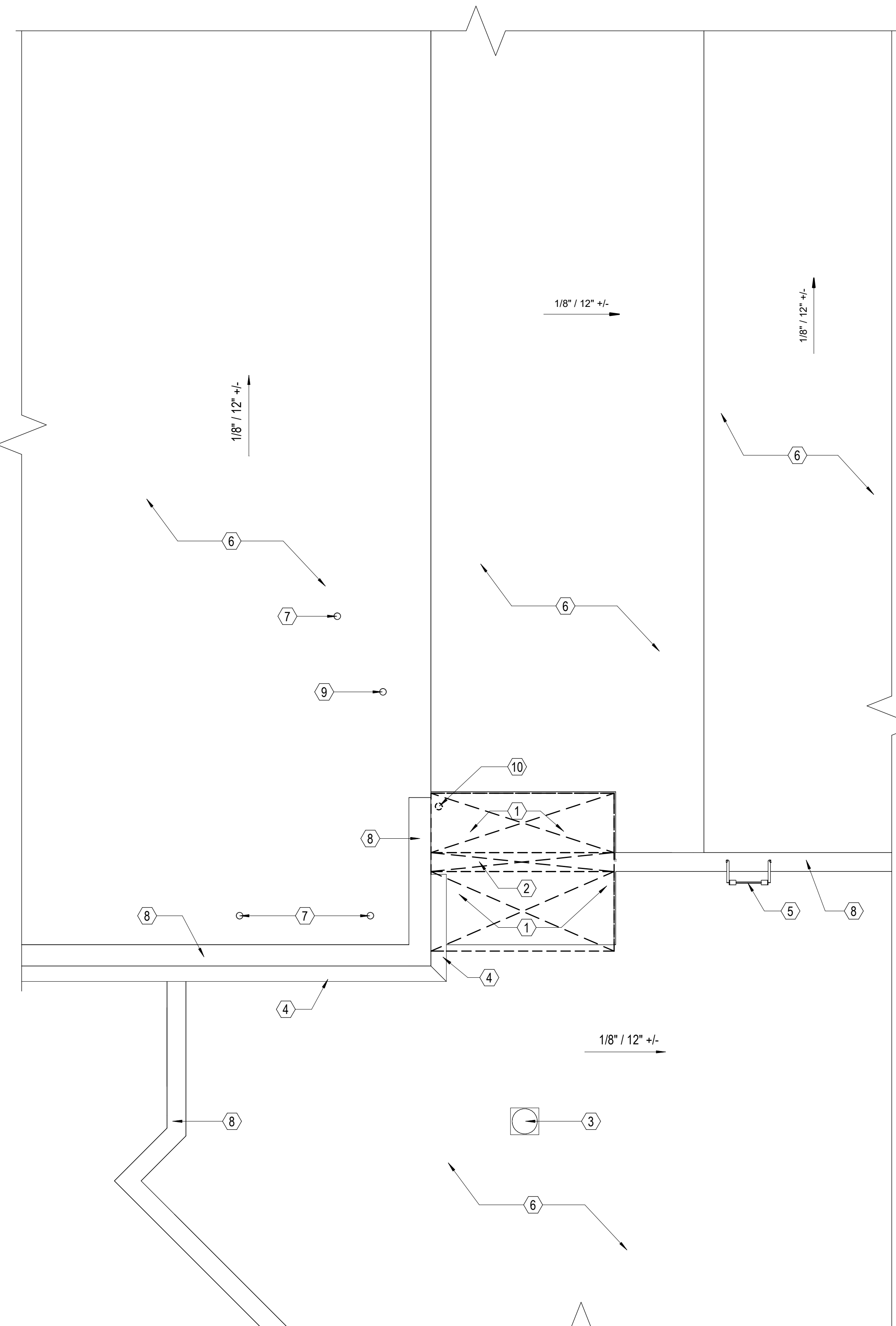
## RAKE END ROOF DETAIL

A5 A-105 SCALE: 1 1/2" = 1'-0"

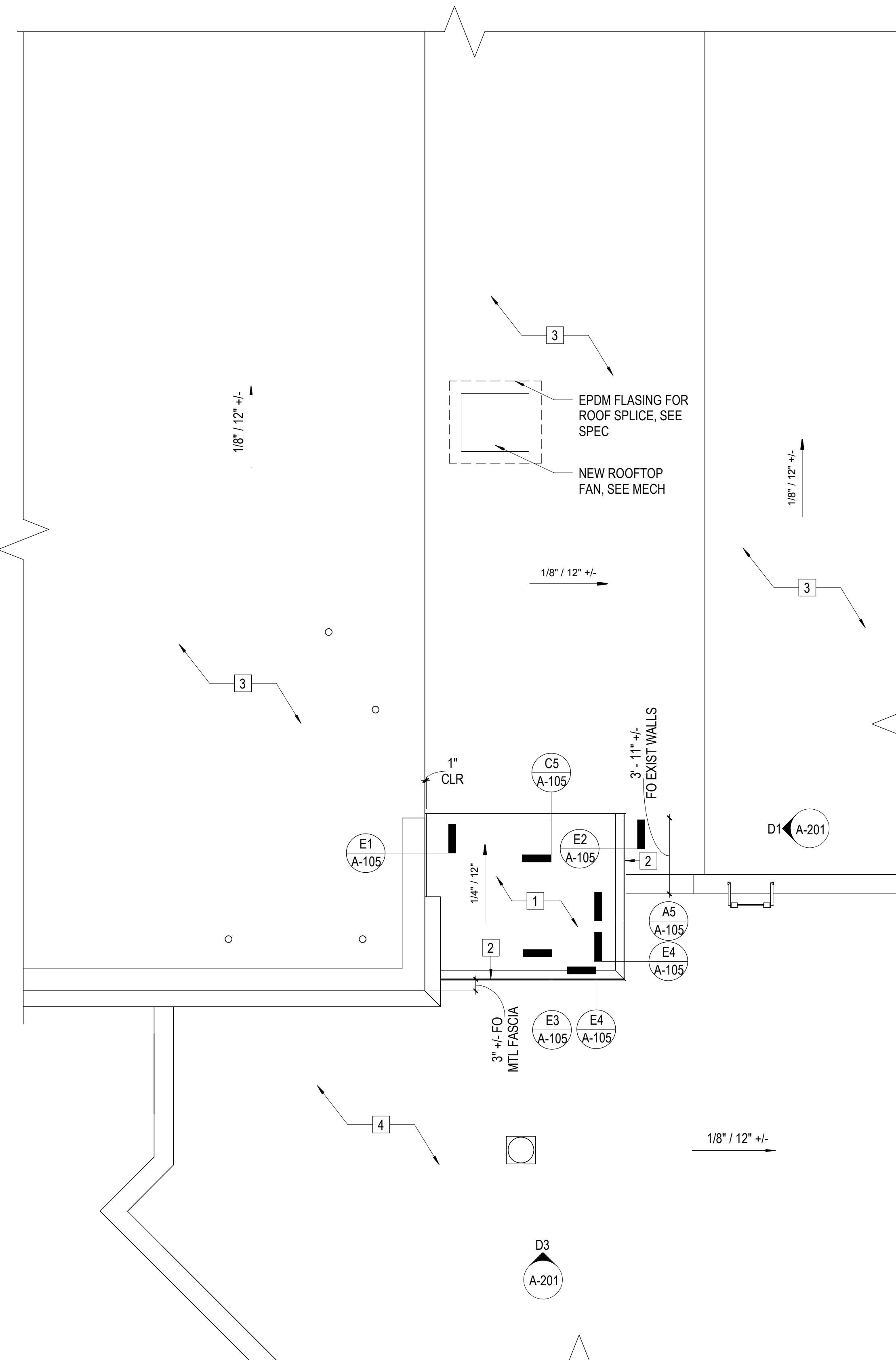


## KEY PLAN

NOT TO SCALE



**A1 DEMOLITION ROOF PLAN**  
A-105 SCALE: 1/4" = 1'-0"



**A3 ROOF PLAN**  
A-105 SCALE: 1/4" = 1'-0"



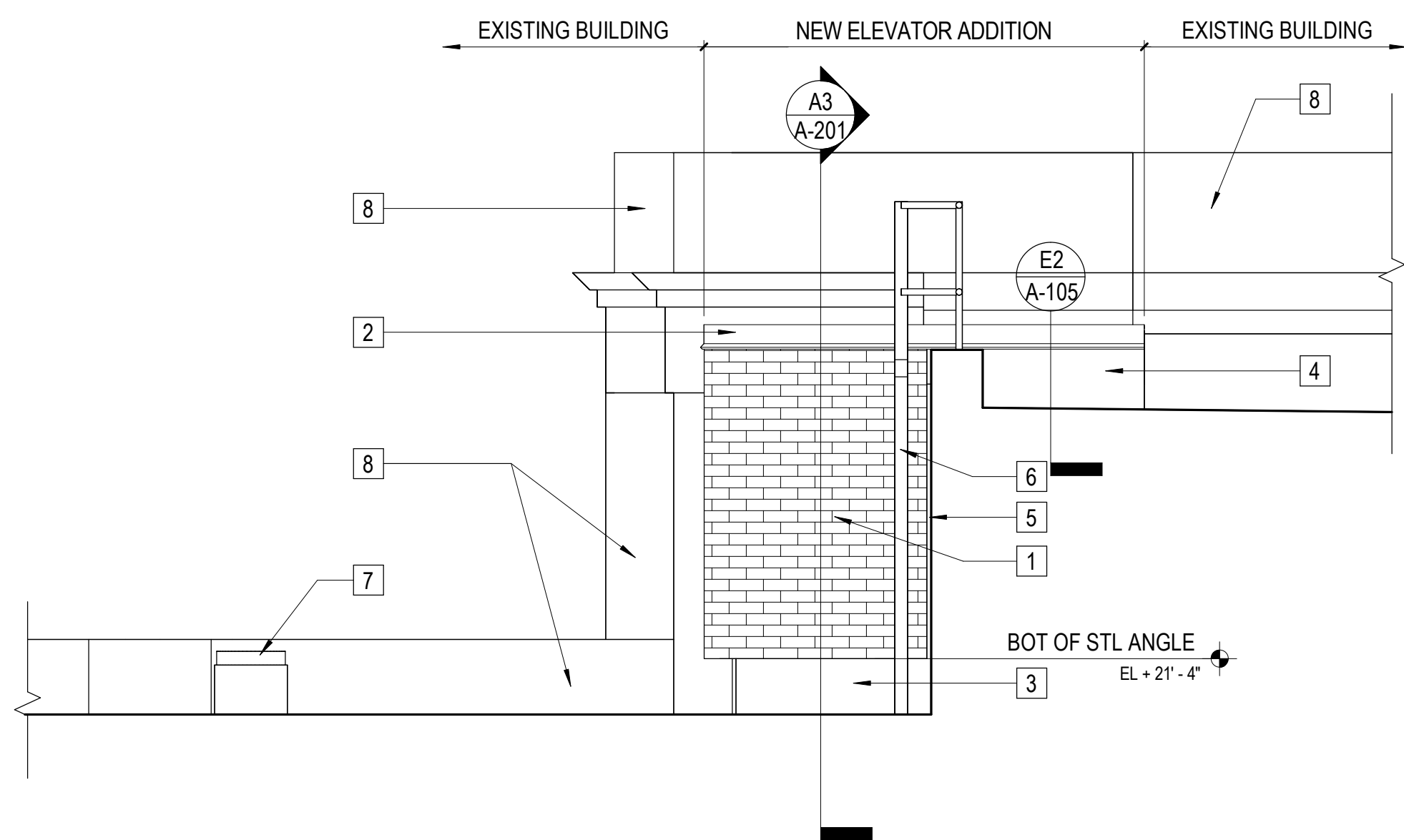
DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG
02.28.25	21195-18	RRMM	RRMM		

**RRMM ARCHITECTS, PC**  
28 Church Ave SW  
Roanoke, Virginia 24011  
(540)344-1212

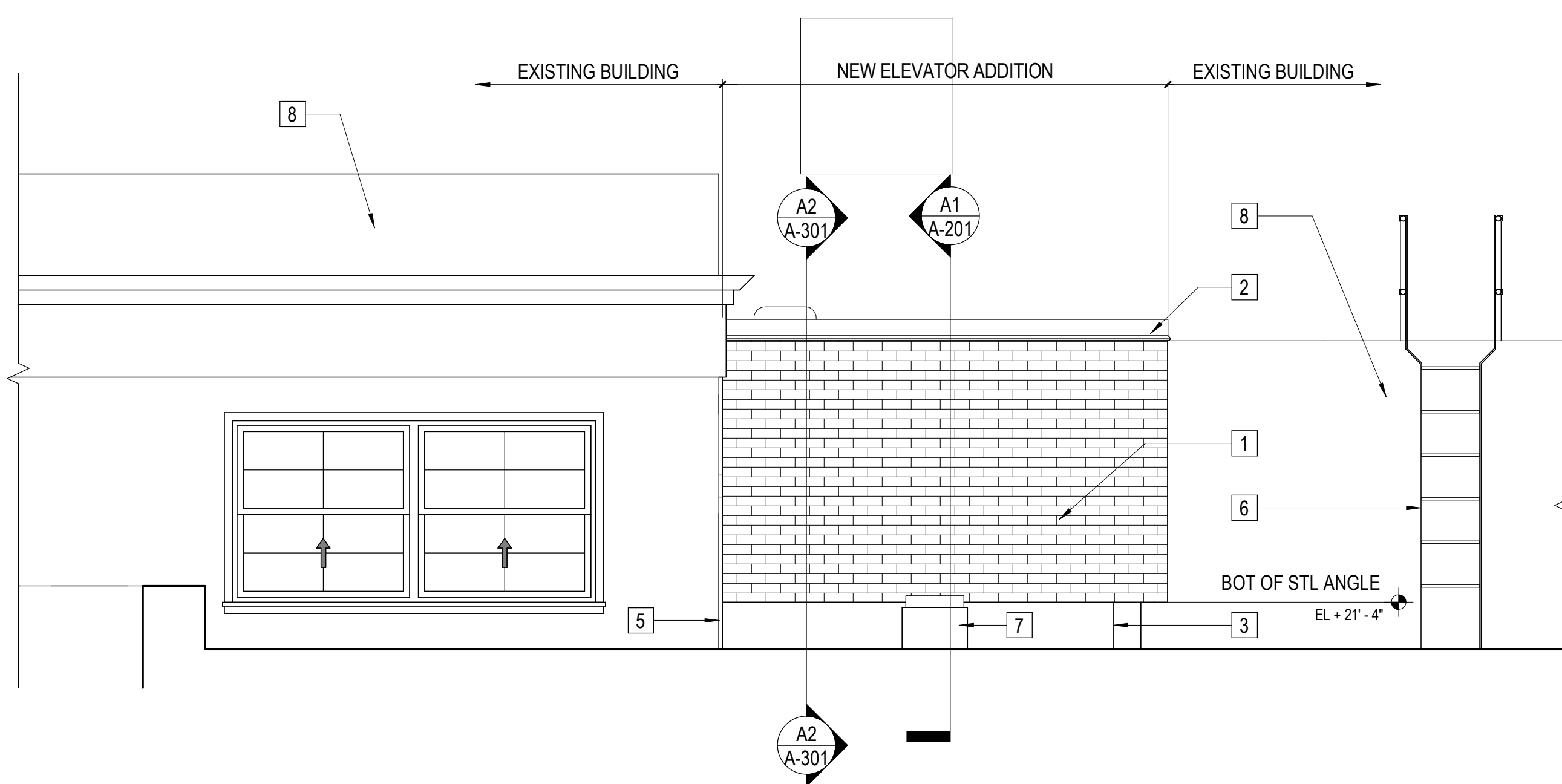
PROJECT	DESCRIPTION
CAMPBELL COURT E.S. ELEVATOR ADDITION HENRY COUNTY PUBLIC SCHOOLS 220 CAMPBELL CT BASSETT, VA 24055	ROOF PLANS AND DETAILS

SHEET
A-105

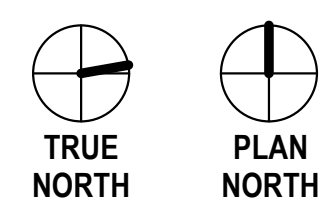
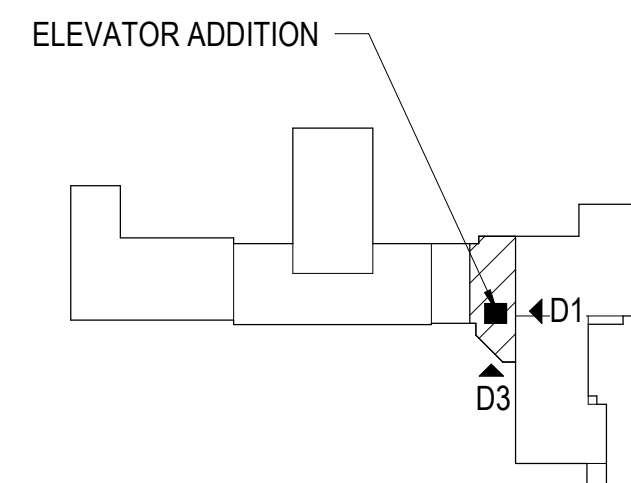
2/21/2025 2:31:54 PM Autodesk Docs/2/19/15-18 HCPSS Campbell Court ES21195-18-04 HCPSS Campbell Court ES - ARCH.rvt



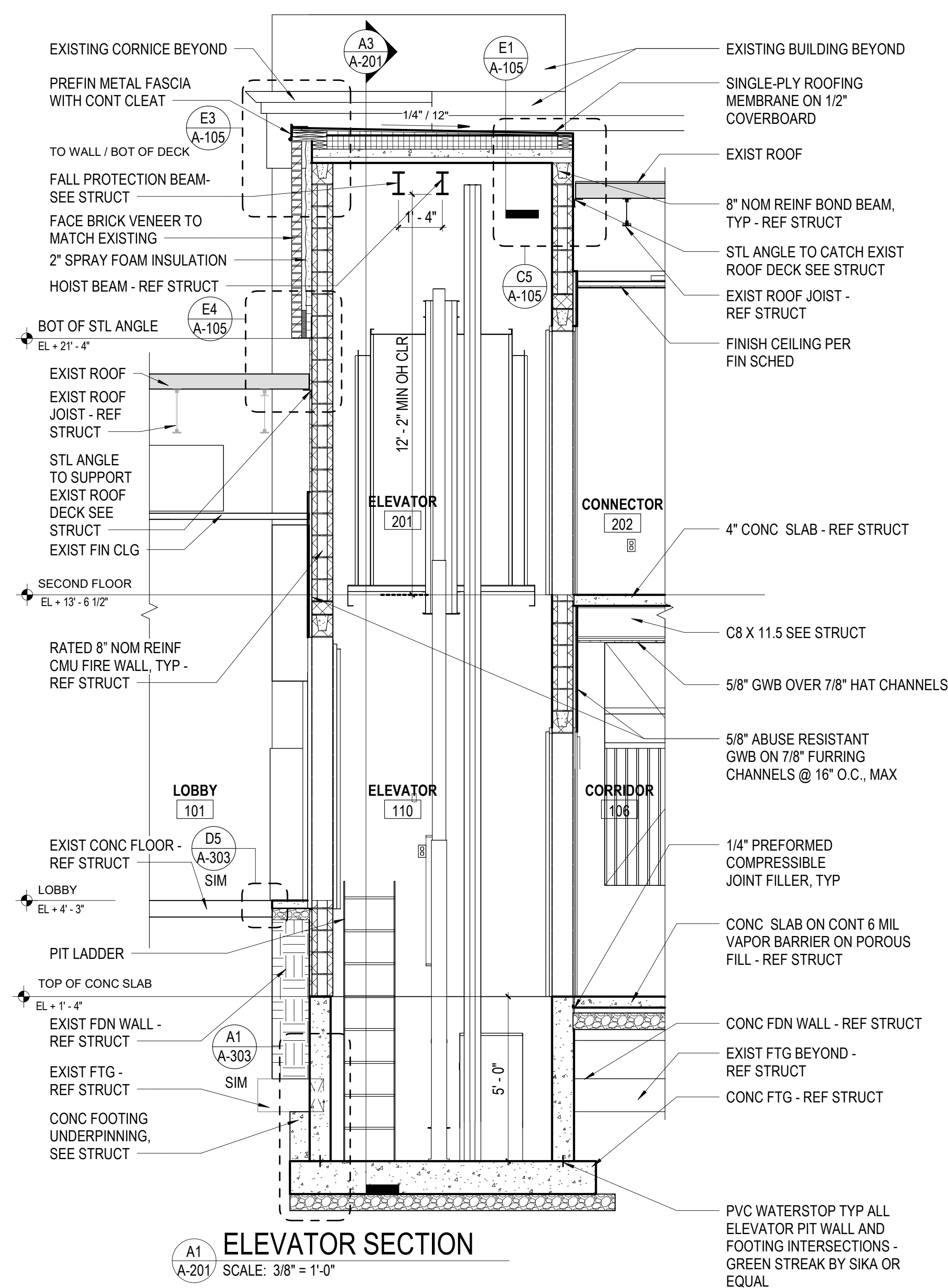
D1 EAST ELEVATION  
A-201 SCALE: 3/8" = 1'-0" A-102



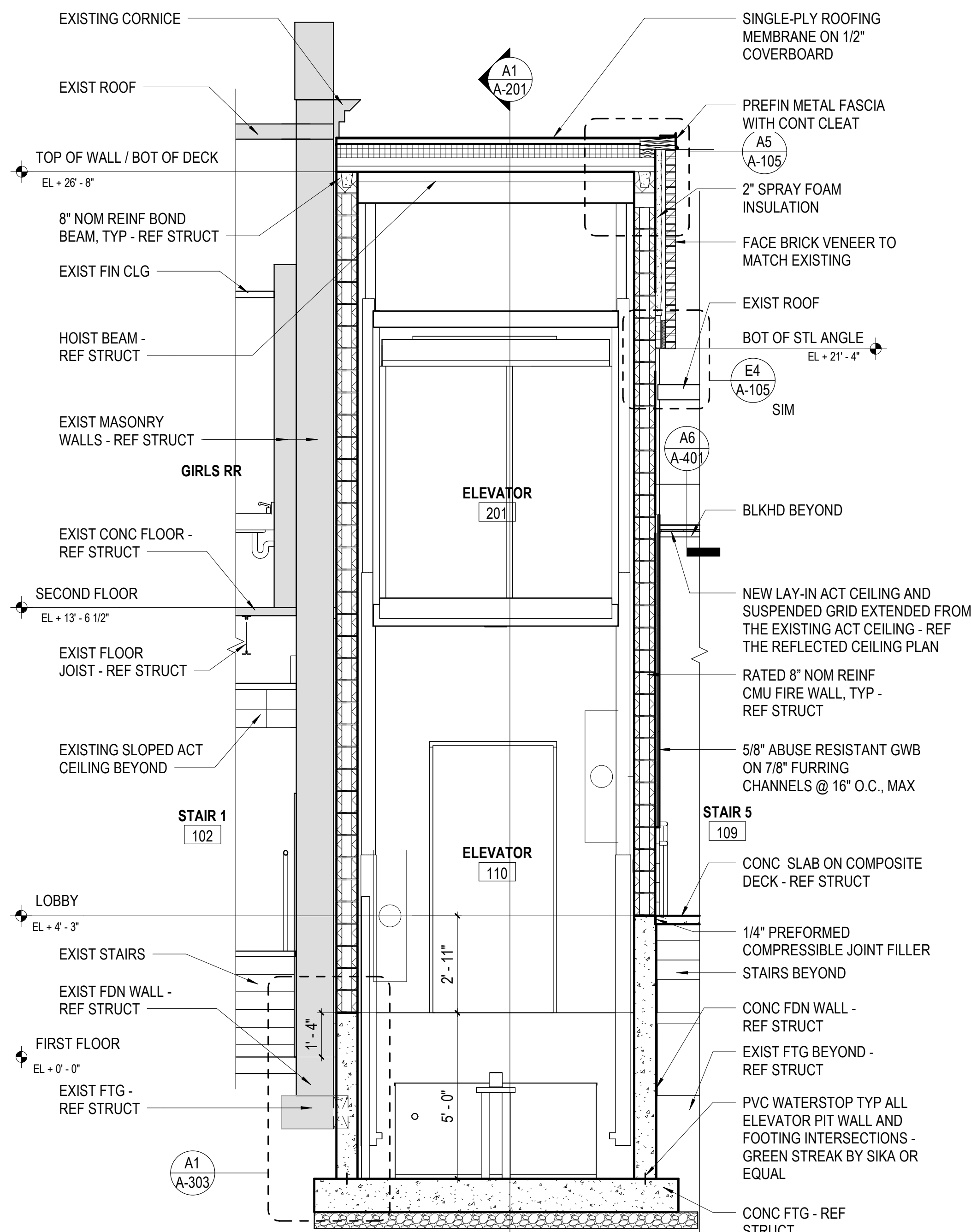
D3 SOUTH ELEVATION  
A-201 SCALE: 3/8" = 1'-0" A-102



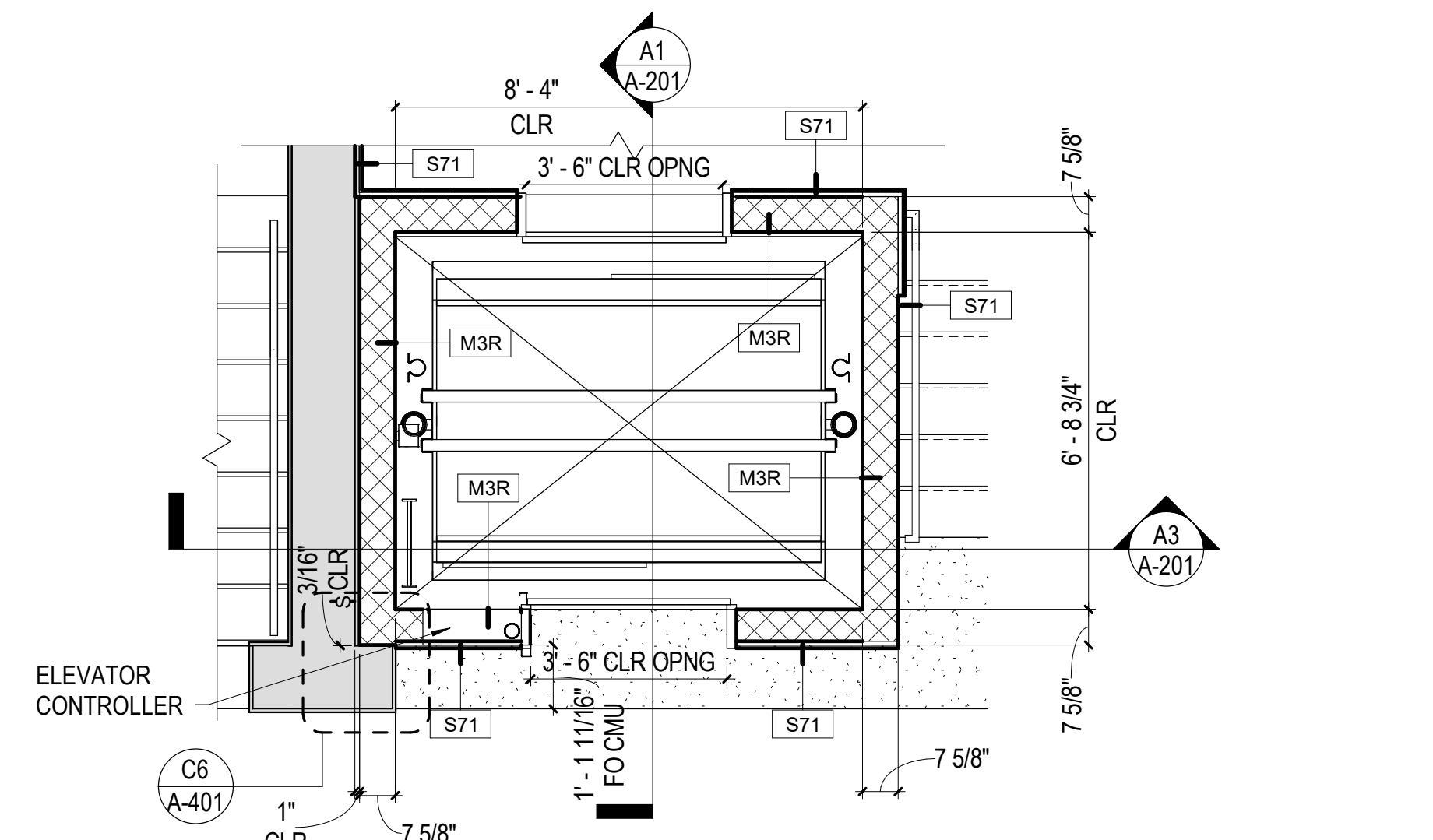
ELEVATIONS KEY PLAN  
NOT TO SCALE



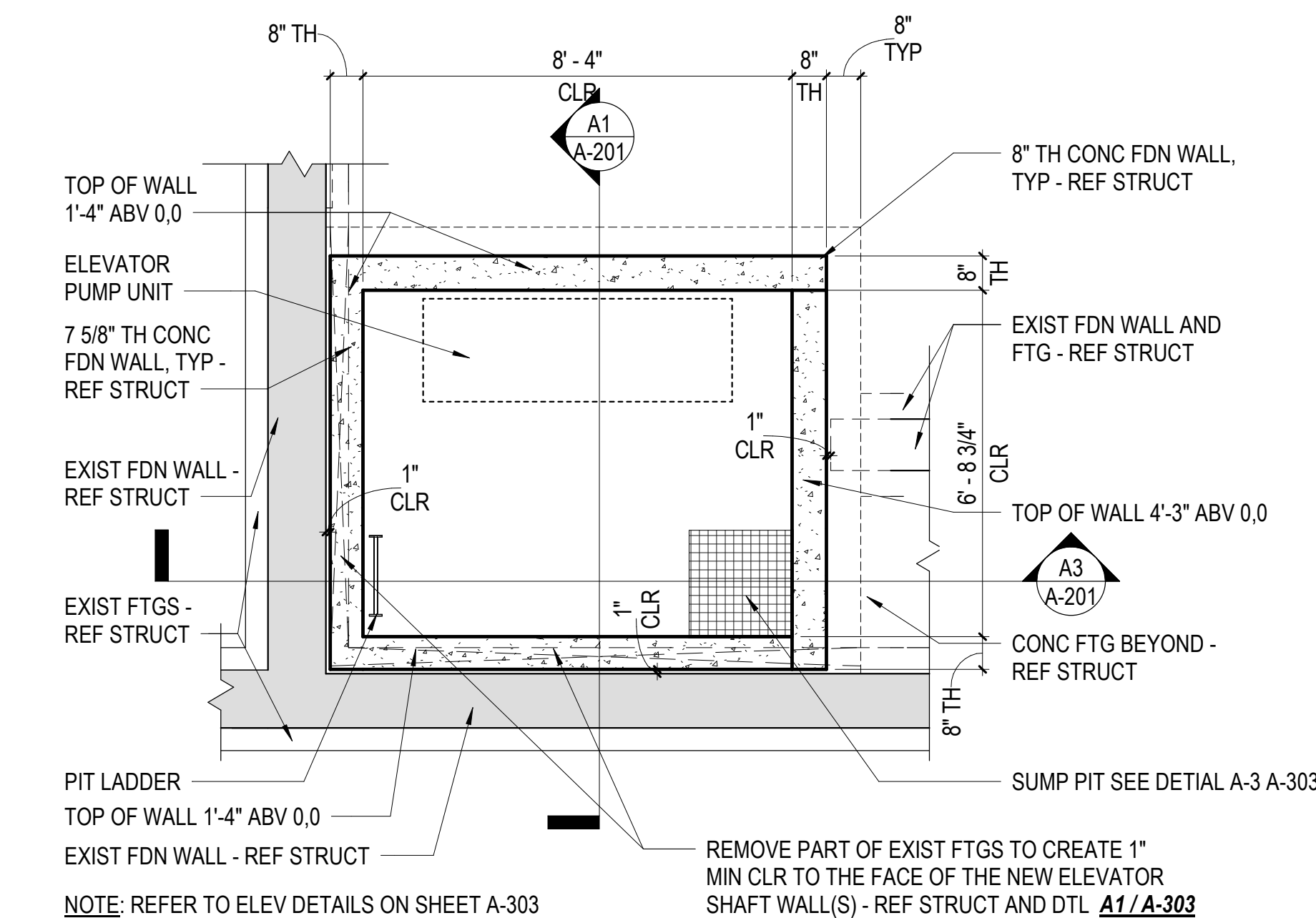
A1 ELEVATOR SECTION  
A-201 SCALE: 3/8" = 1'-0"



A3 ELEVATOR SECTION  
A-201 SCALE: 3/8" = 1'-0"



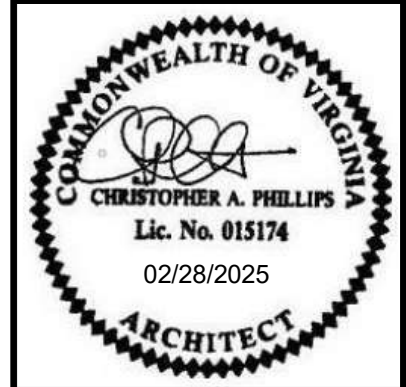
C5 ELEVATOR ENLARGED FLOOR PLAN  
A-201 SCALE: 3/8" = 1'-0"



A5 ELEVATOR PIT PLAN  
A-201 SCALE: 3/8" = 1'-0" A-301

DESCRIPTION
BY
MARK DATE
REVISIONS

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG
02.28.25	21195-18	RRMM	RRMM	RRMM	RRMM



PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055

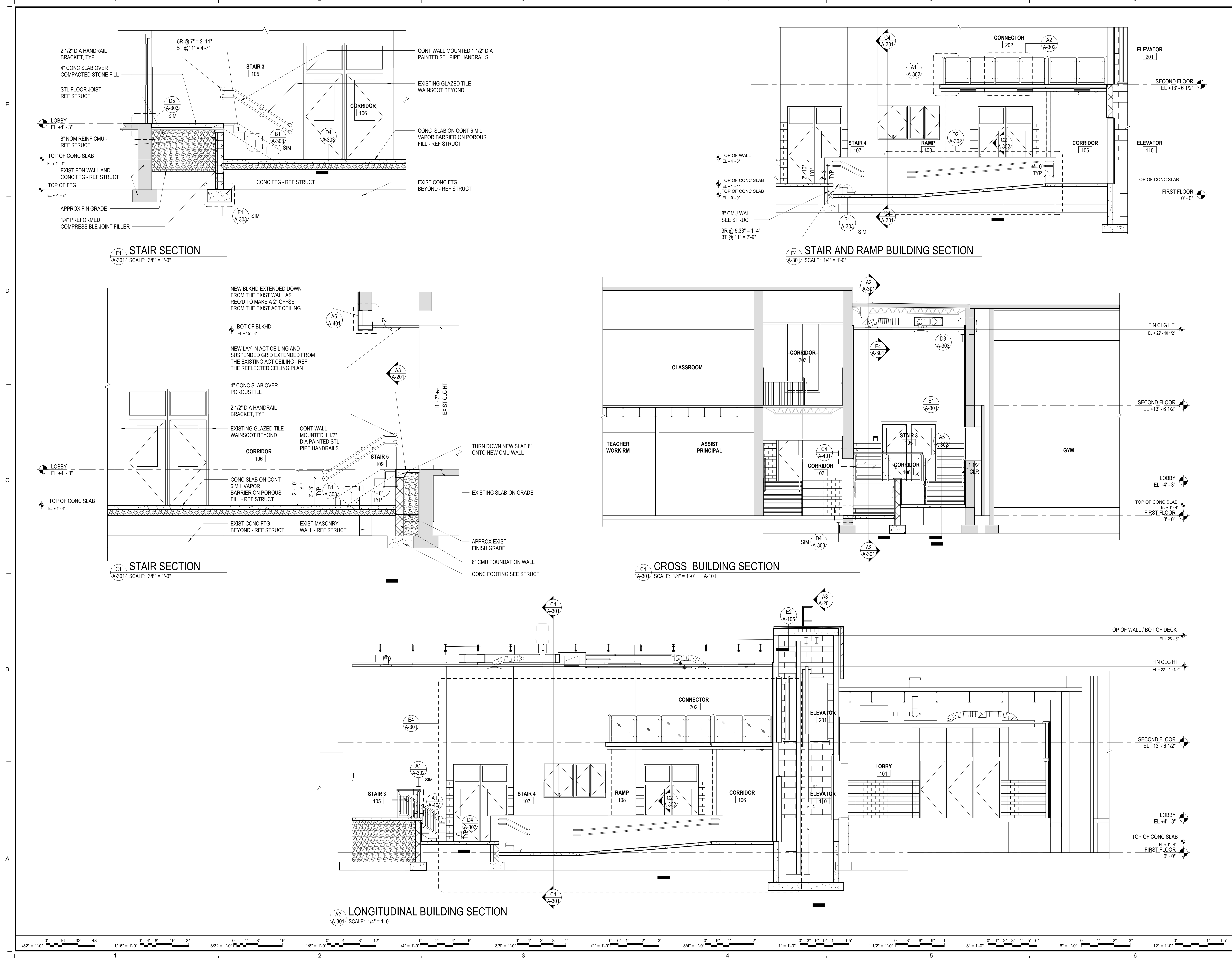
DRAWING ENLARGED PLANS, ELEVATIONS, AND SECTIONS

SHEET

A-201



2/21/2025 2:31:58 PM Autodesk Docs/2/195-18 HGPS Campbell Court ES21195-18 04 HGPS Campbell Court ES - ARCH.rvt



DESCRIPTION	
BY	REVISIONS
DATE	02.28.25
PROJECT	21195-18
DESIGNED	RRMM
DRAWN	RRMM
CHECKED	ACG

**RRMM ARCHITECTS, PC**  
28 Church Ave SW  
Roanoke, Virginia 24011  
(540)344-1212

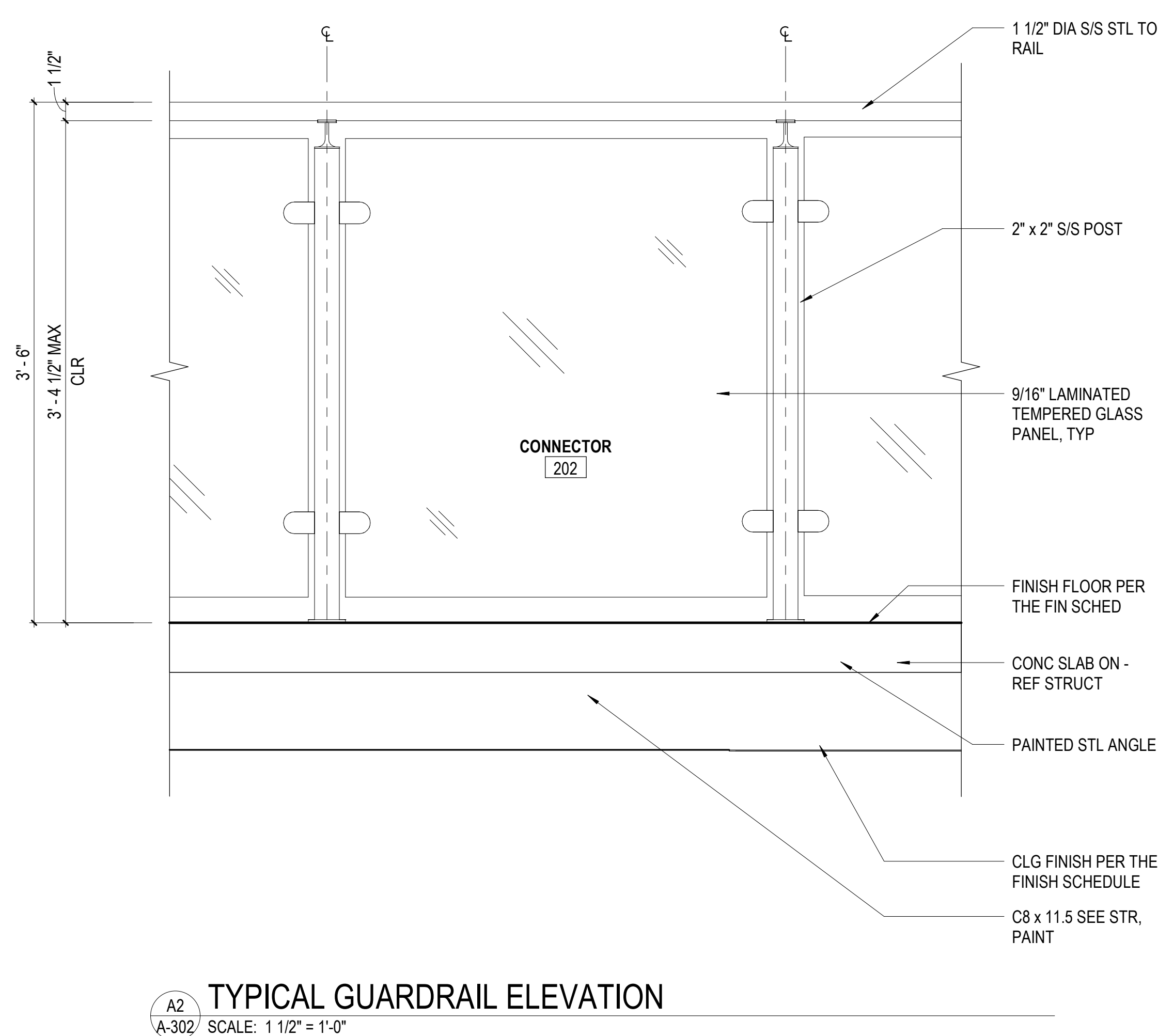
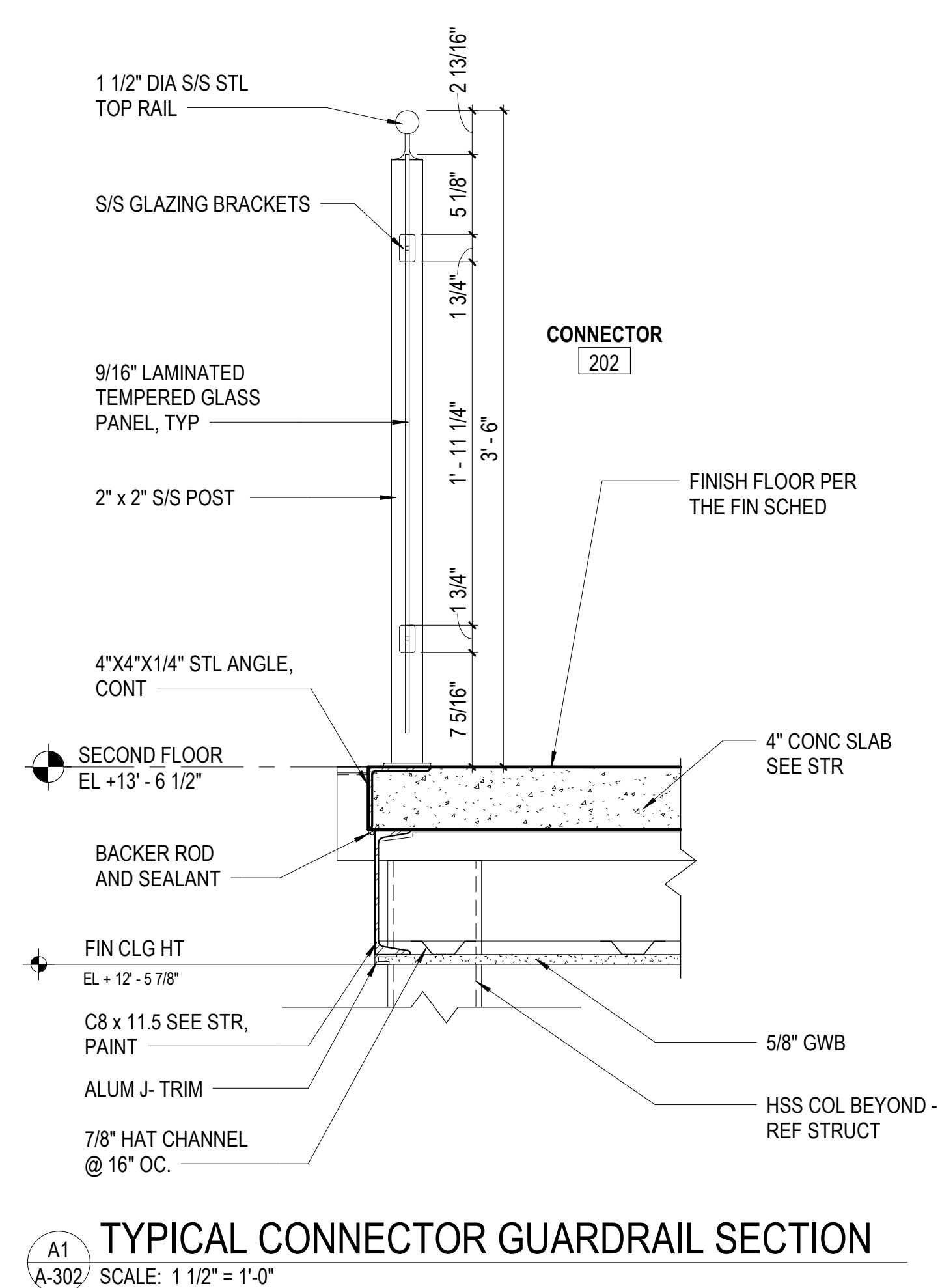
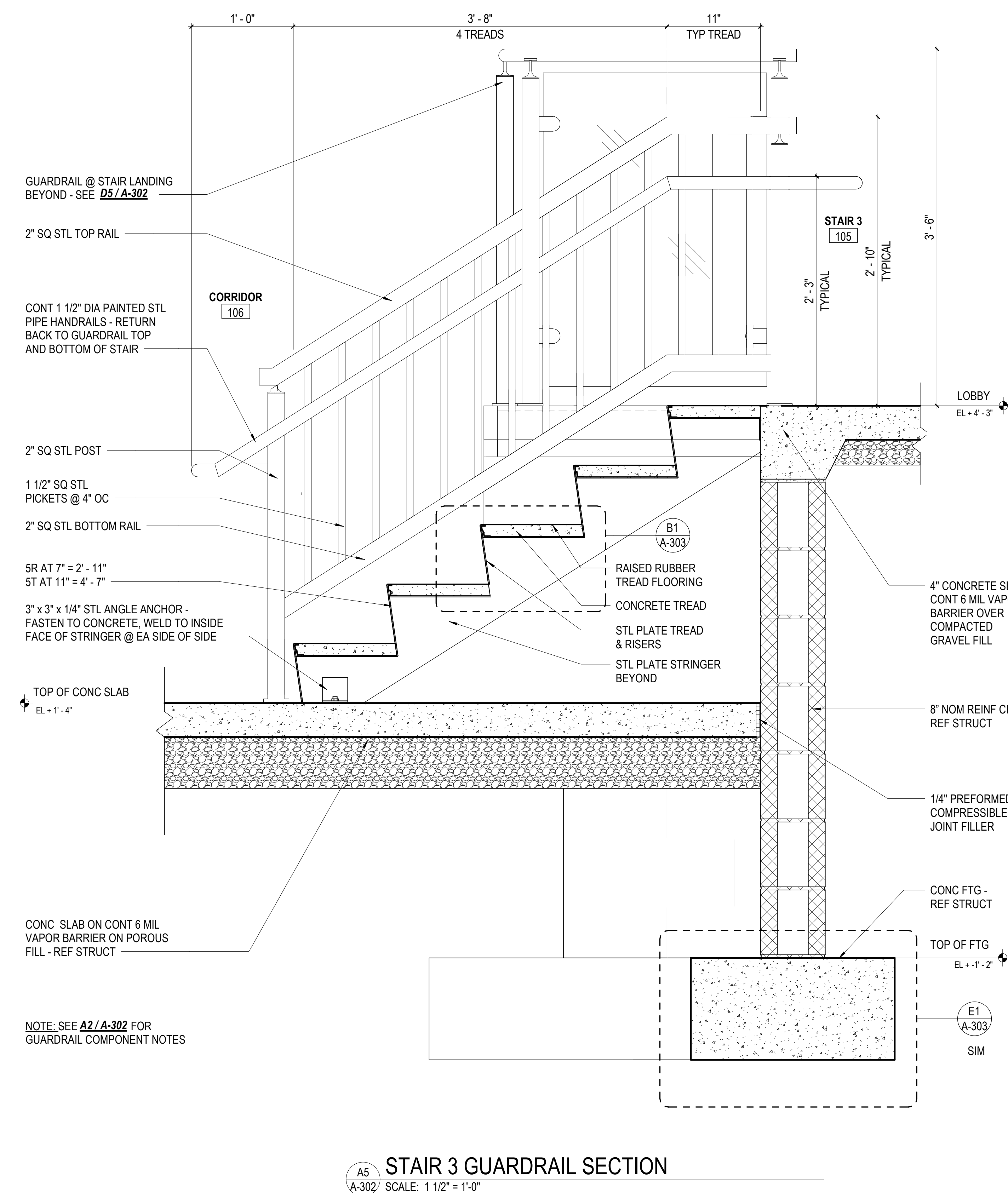
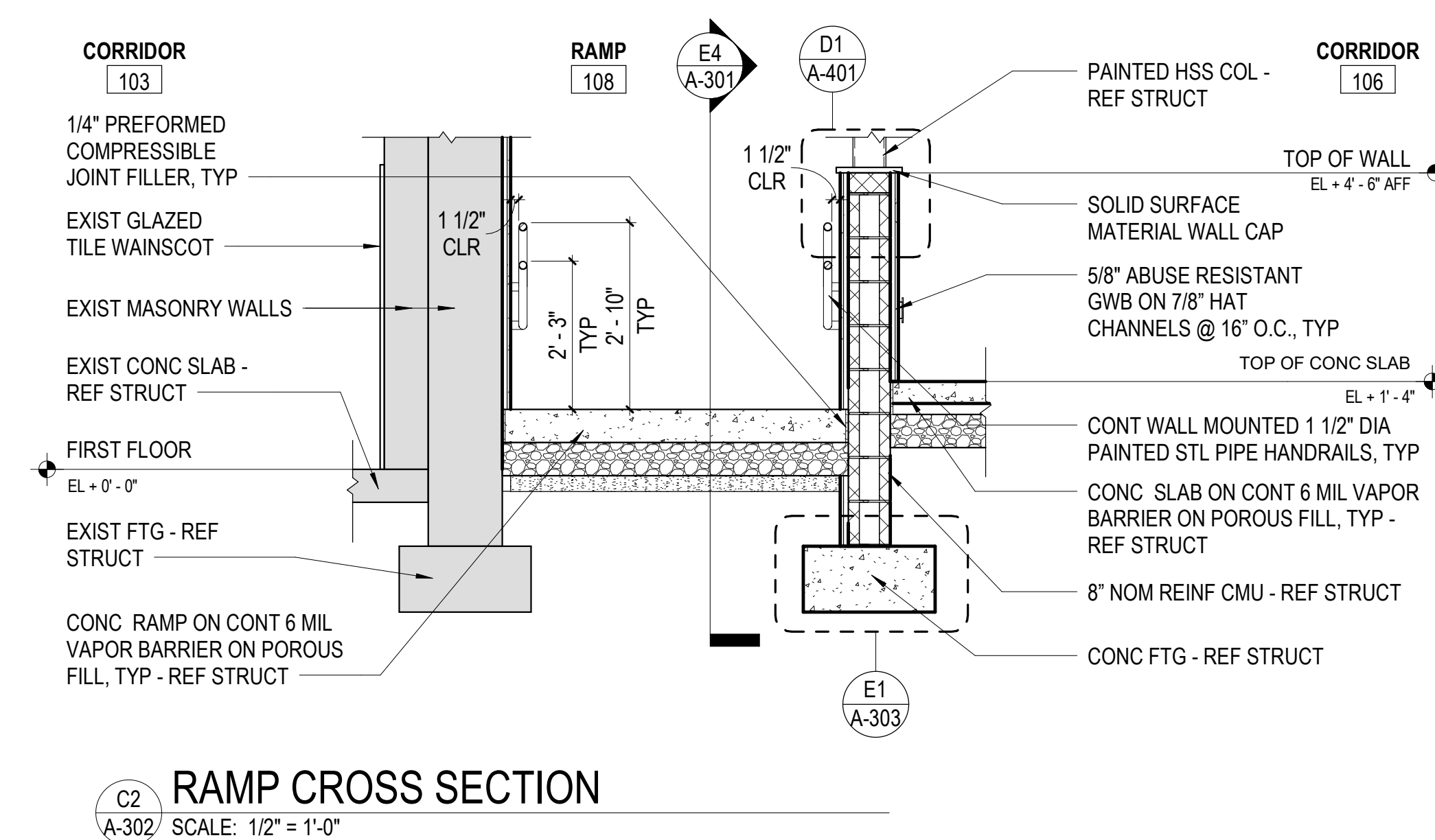
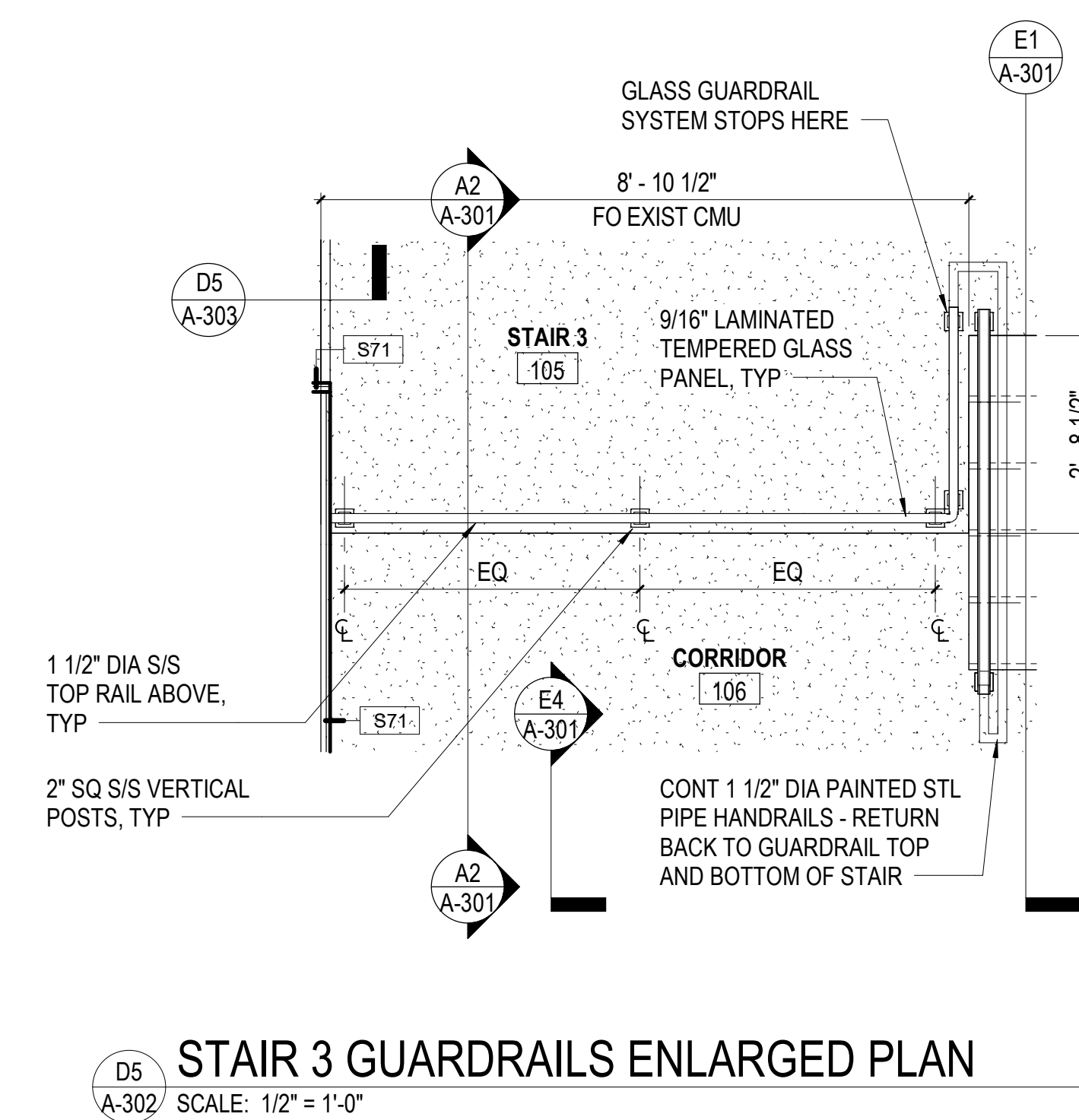
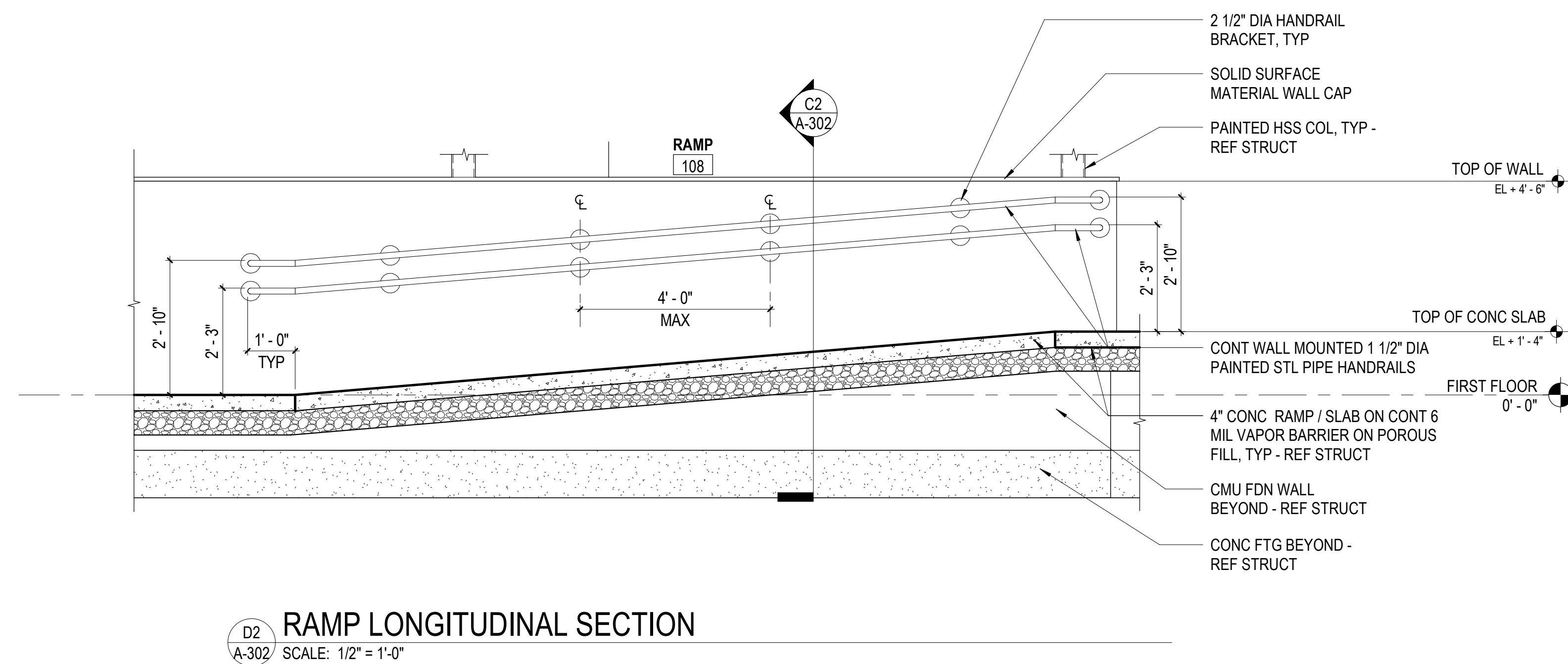
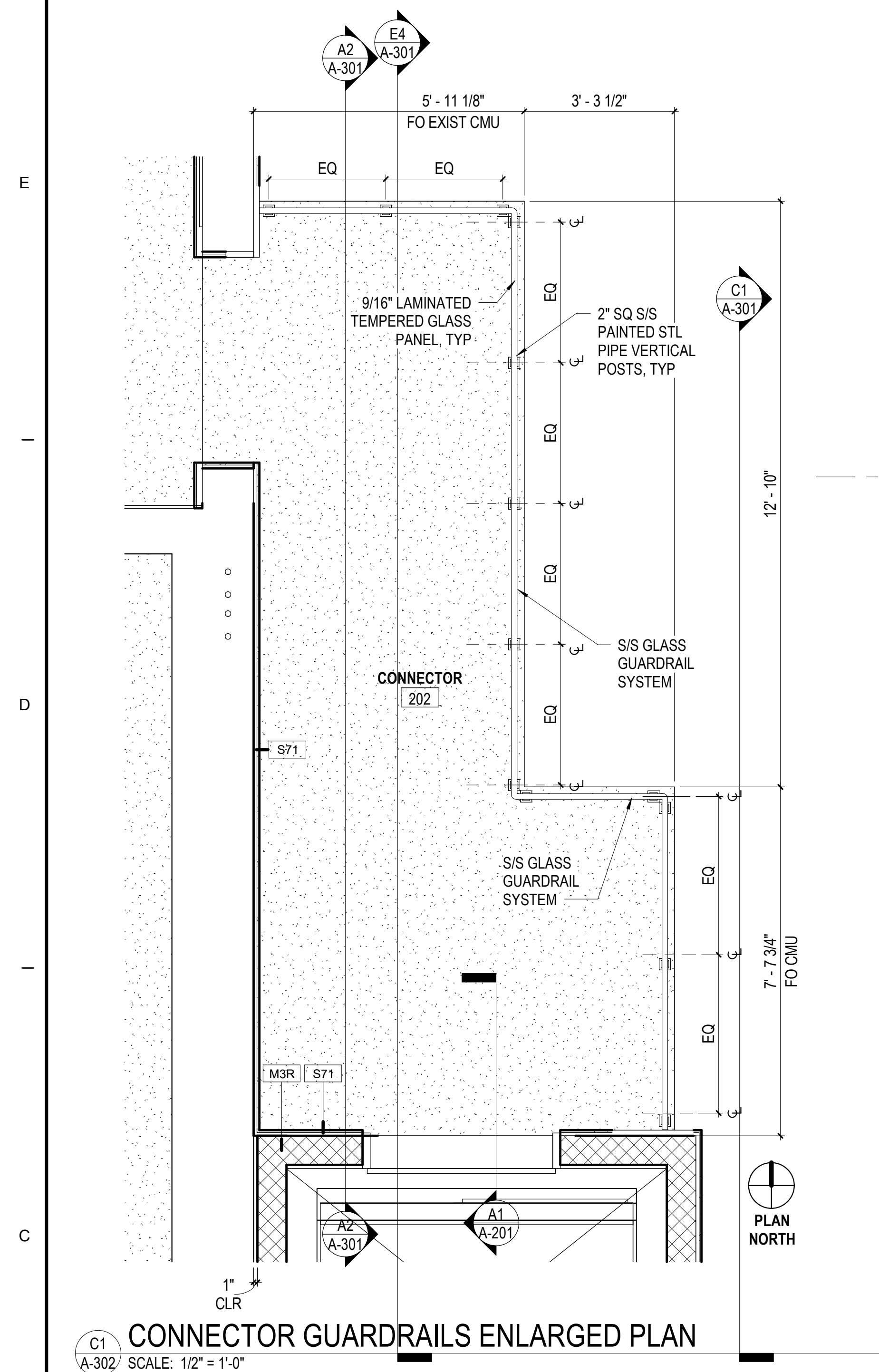
CHRISTOPHER A. PHILLIPS  
Lic. No. 015174  
02/28/2025  
ARCHITECT

PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055

DRAWING BUILDING SECTIONS AND STAIR - RAMP SECTIONS

SHEET

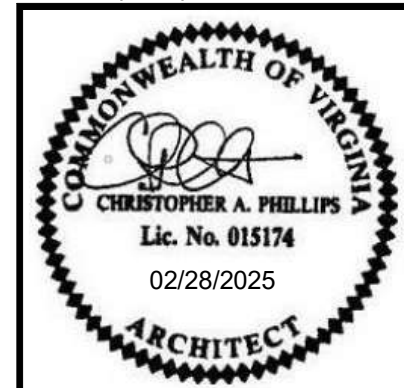
**A-301**



MARK	DATE	BY	DESCRIPTION

REVISIONS

DATE	02.28.25
PROJECT	21195-18
DESIGNED	RRMM
DRAWN	RRMM
CHECKED	ACG



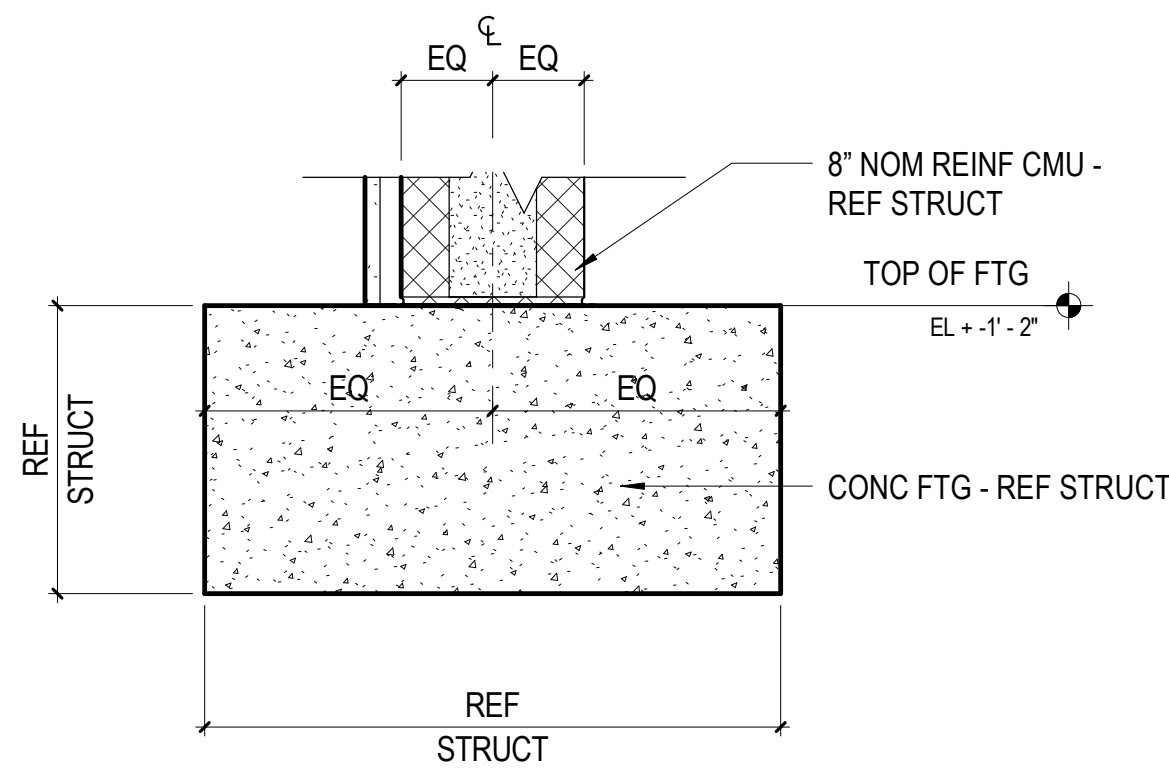
PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055  
DRAWING STAIR, RAMP AND RAILING DETAILS

SHEET

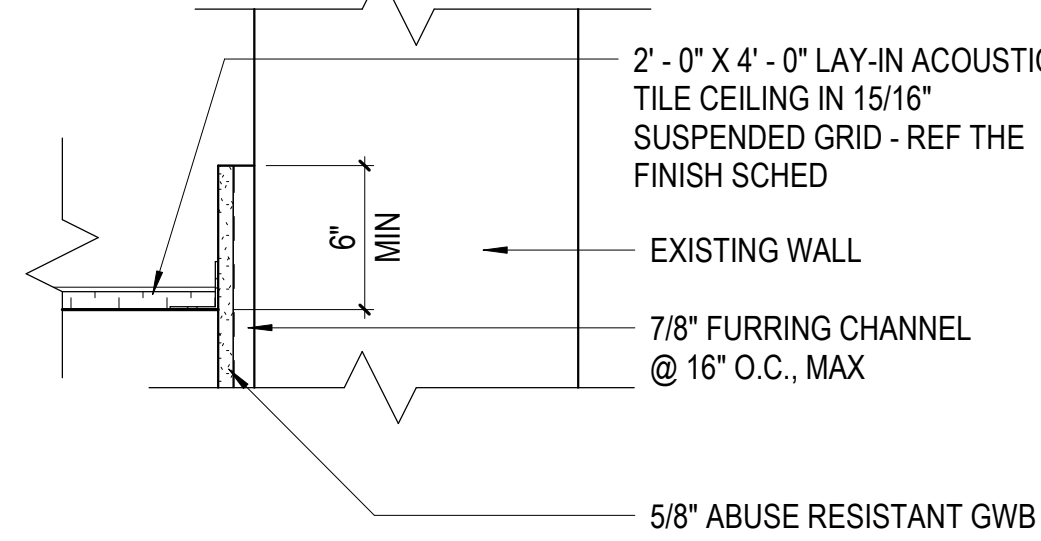
A-302



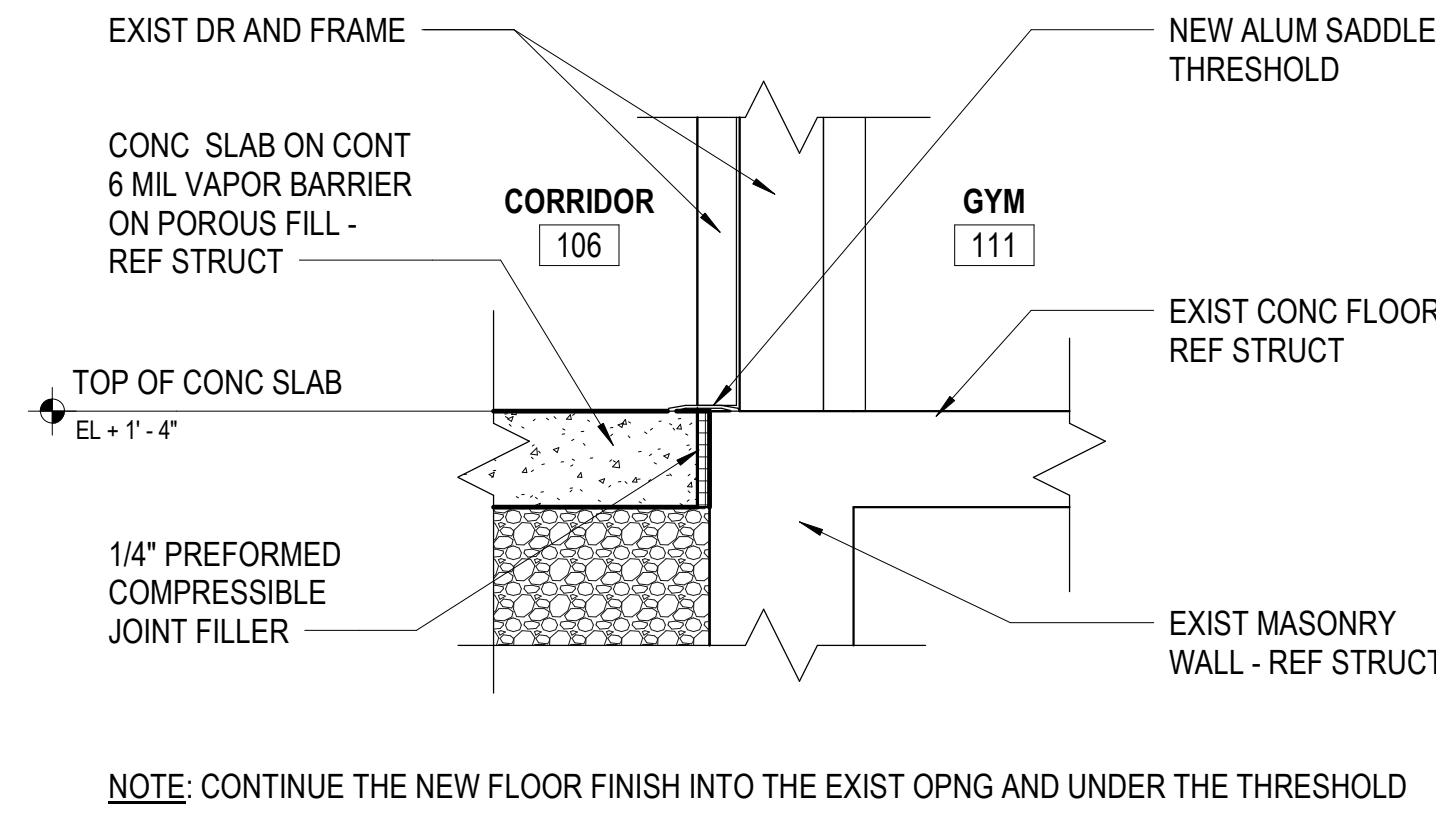
2/21/2025 2:31:58 PM Autodesk Docs/2/195-18 HCPSS Campbell Court ES21195-18.dwg HCPSS Campbell Court ES - ARCH.rvt



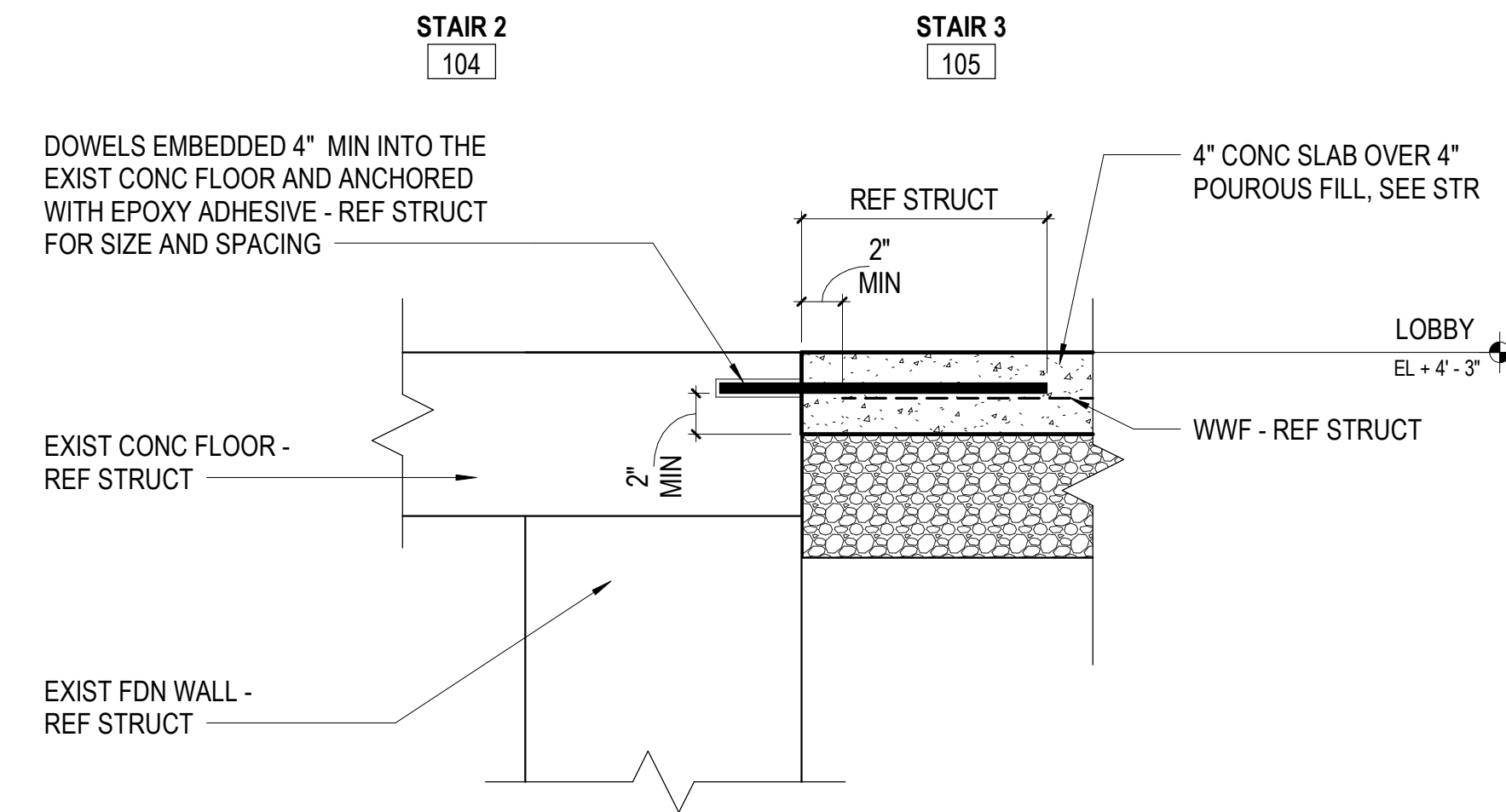
E1 TYPICAL FOOTING  
A-303 SCALE: 1 1/2" = 1'-0"



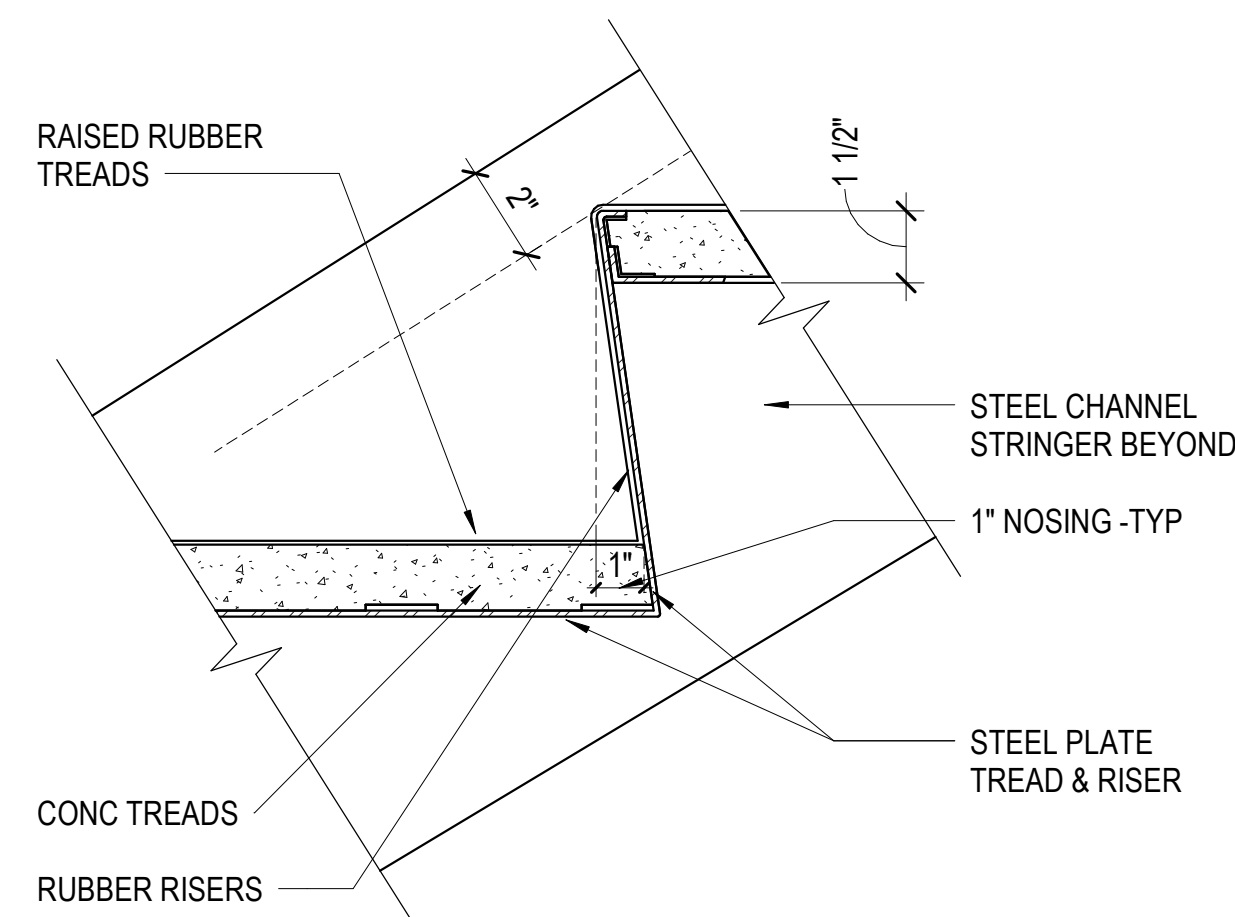
D3 TYPICAL ACT CEILING AND WALL TRANSITION  
A-303 SCALE: 1 1/2" = 1'-0"



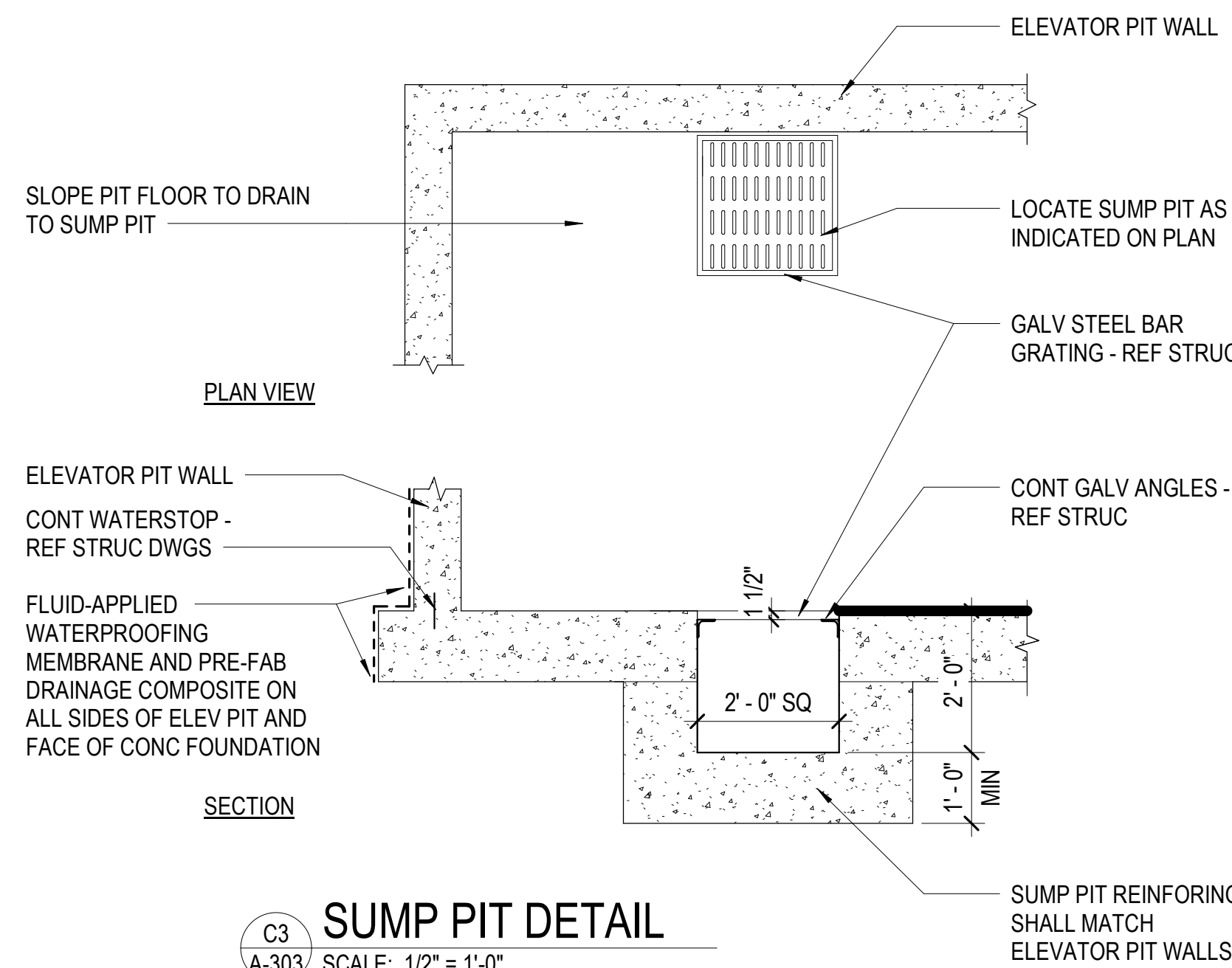
D4 NEW FLOOR @ EXISTING FLOOR  
A-303 SCALE: 1 1/2" = 1'-0"



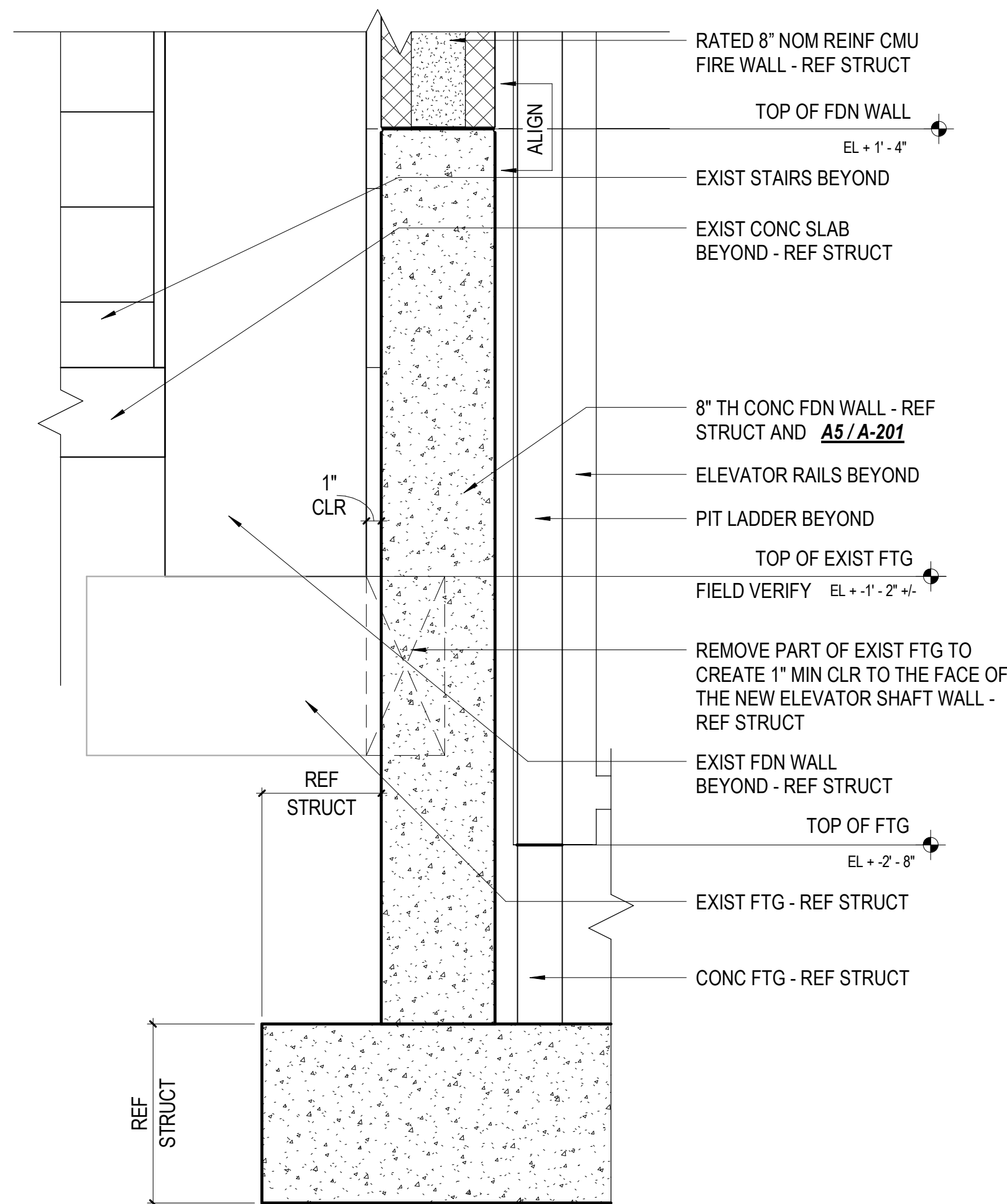
D5 NEW FLOOR @ EXISTING FLOOR  
A-303 SCALE: 1 1/2" = 1'-0"



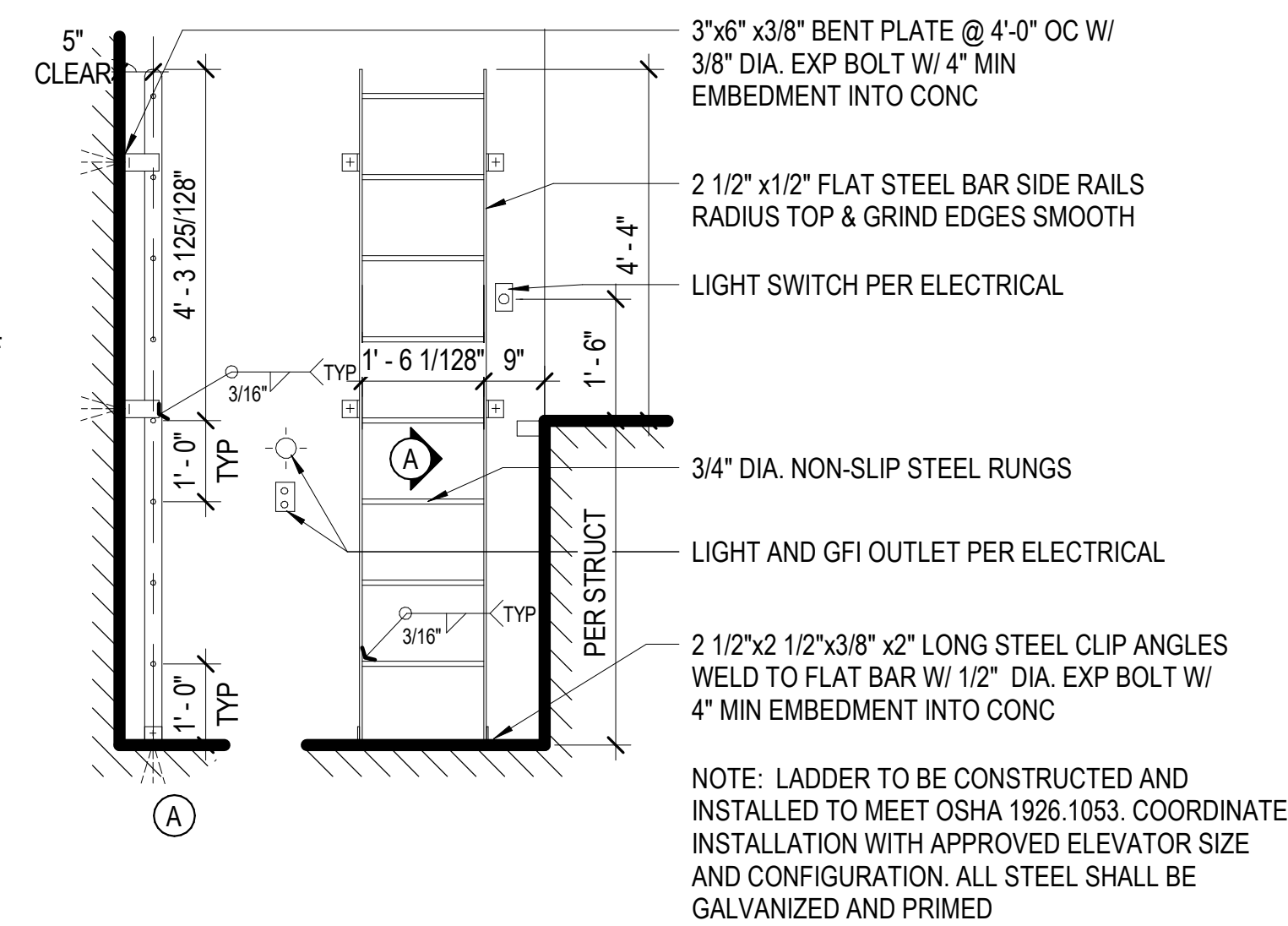
B1 TYPICAL STAIR TREAD  
A-303 SCALE: 3" = 1'-0" A-301



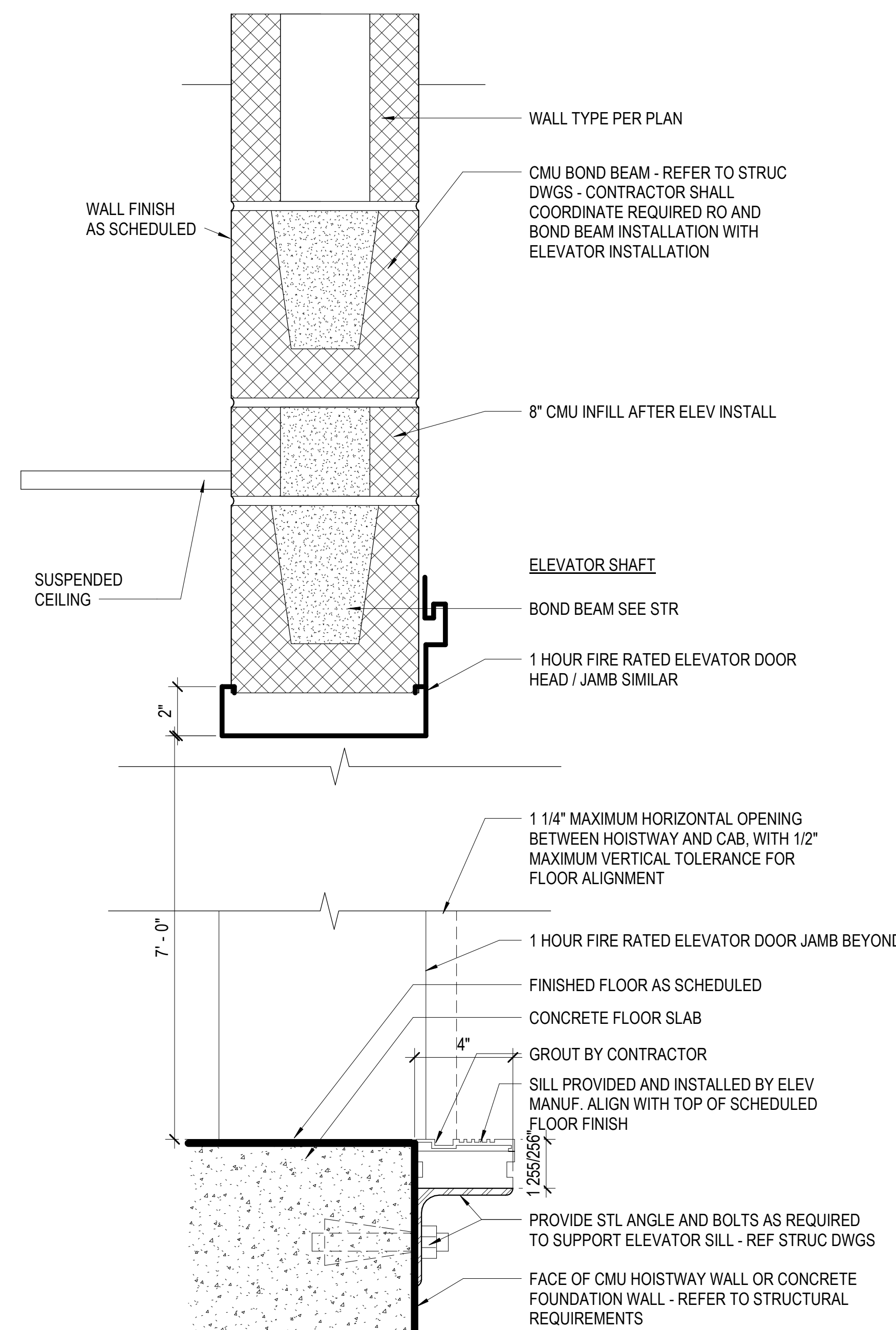
C3 SUMP PIT DETAIL  
A-303 SCALE: 1/2" = 1'-0"



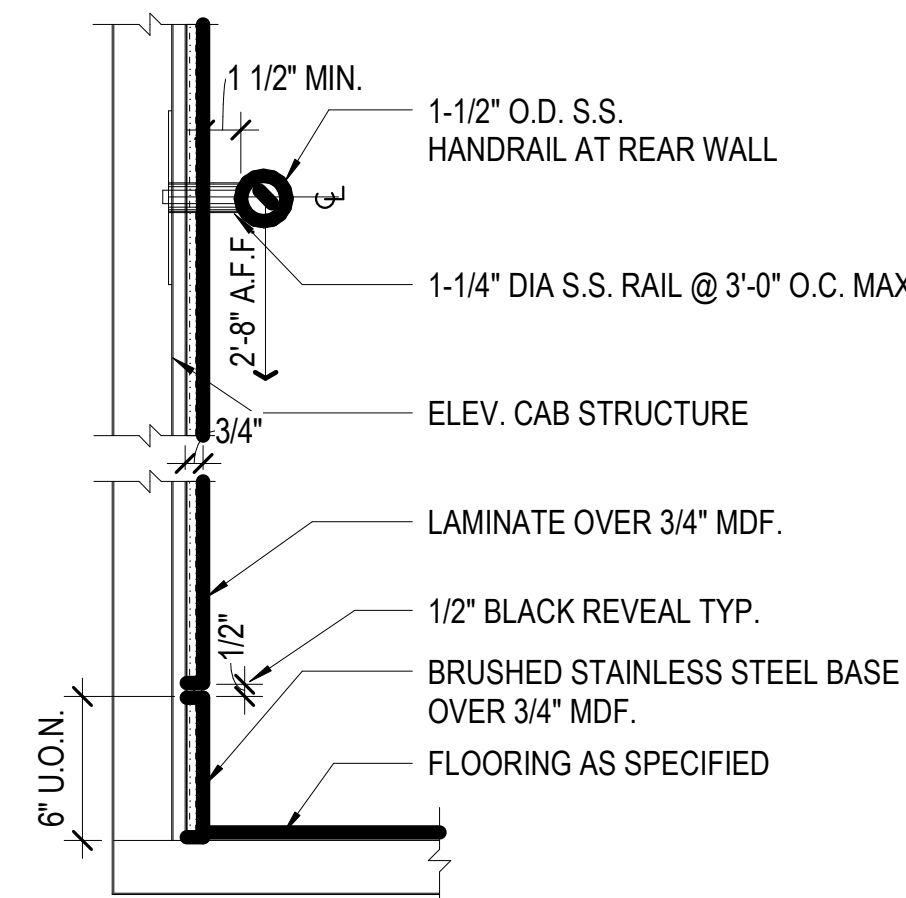
A1 NEW ELEVATOR FOOTING @ EXISTING FOOTING  
A-303 SCALE: 1 1/2" = 1'-0"



A2 ELEVATOR PIT LADDER SECTION & ELEVATION  
A-303 SCALE: 1/2" = 1'-0"



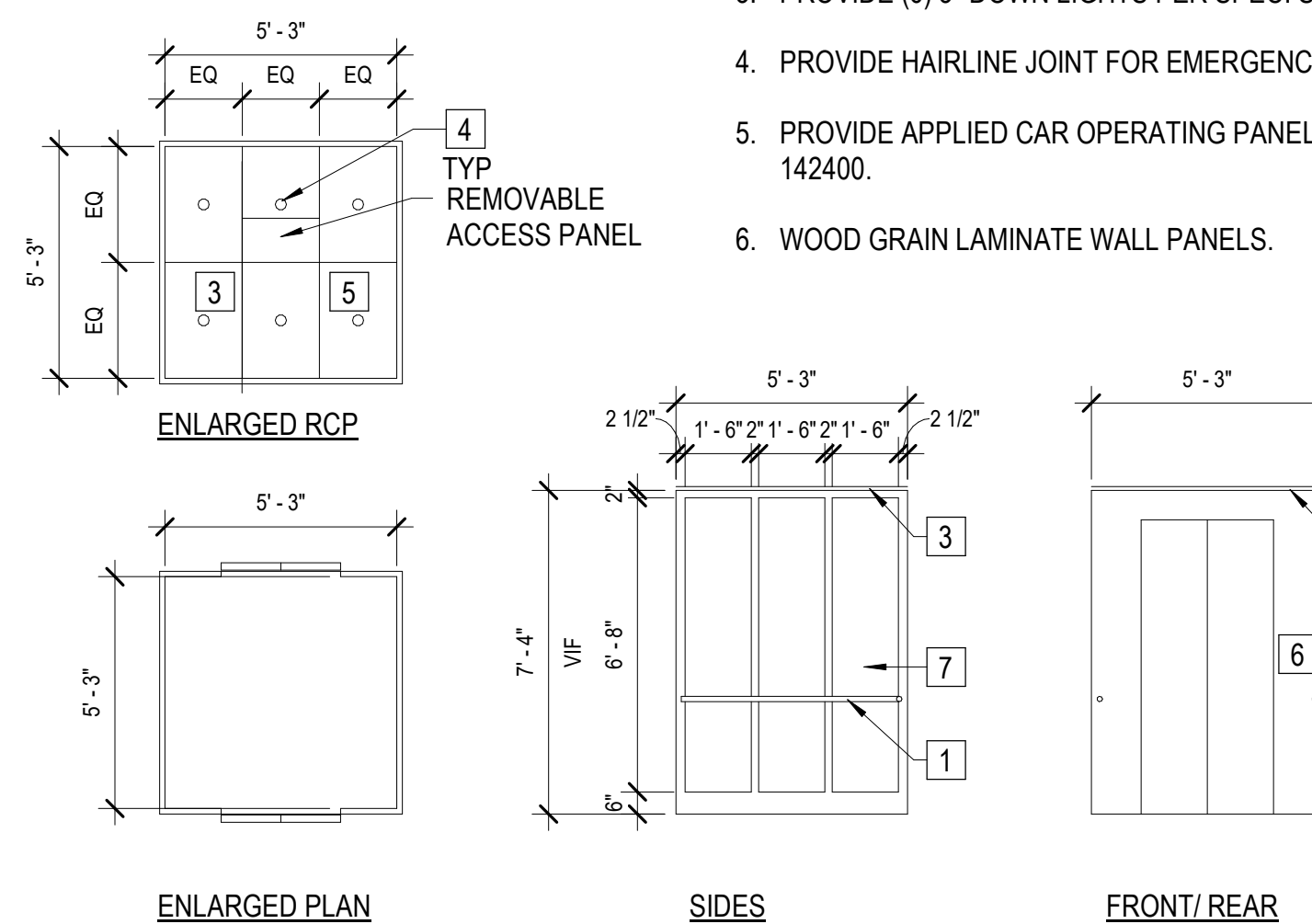
A4 ELEVATOR HEAD / JAMB/ SILL DETAIL CMU  
A-303 SCALE: 3" = 1'-0"



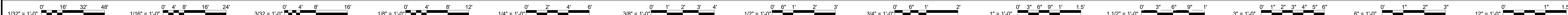
C5 ELEVATOR CAB BASE / HANDRAIL  
A-303 SCALE: 1 1/2" = 1'-0"

## 1 ELEVATOR CAB KEY NOTES

- HANDRAIL: PROVIDE 1.5" DIAMETER CYLINDRICAL METAL ON SIDE AND REAR WALLS. SEE SPEC. SECTION 142400.
- SUSPENDED CEILING PER SPEC. SECTION 142400.
- PROVIDE (6) 3" DOWN LIGHTS PER SPEC. SECTION 142400.
- PROVIDE HAIRLINE JOINT FOR EMERGENCY TOP EXIT.
- PROVIDE APPLIED CAR OPERATING PANEL PER SPEC. SECTION 142400.
- WOOD GRAIN LAMINATE WALL PANELS.



A5 ELEVATOR CAB ELEVATIONS / ENLARGED PLANS  
A-303 SCALE: 1/4" = 1'-0"



DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG
02/28/25	21195-18	RRMM	RRMM		

MARK	DATE	REVISIONS

**RRMM ARCHITECTS, PC**  
28 Church Ave SW  
Roanoke, Virginia 24011  
(540)344-1212

**CHRISTOPHER A. PHELPS**  
Lic. No. 015174  
02/28/2025  
ARCHITECT

PROJECT: CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055

DRAWING: ELEVATOR DETAILS AND SECTION DETAILS

SHEET

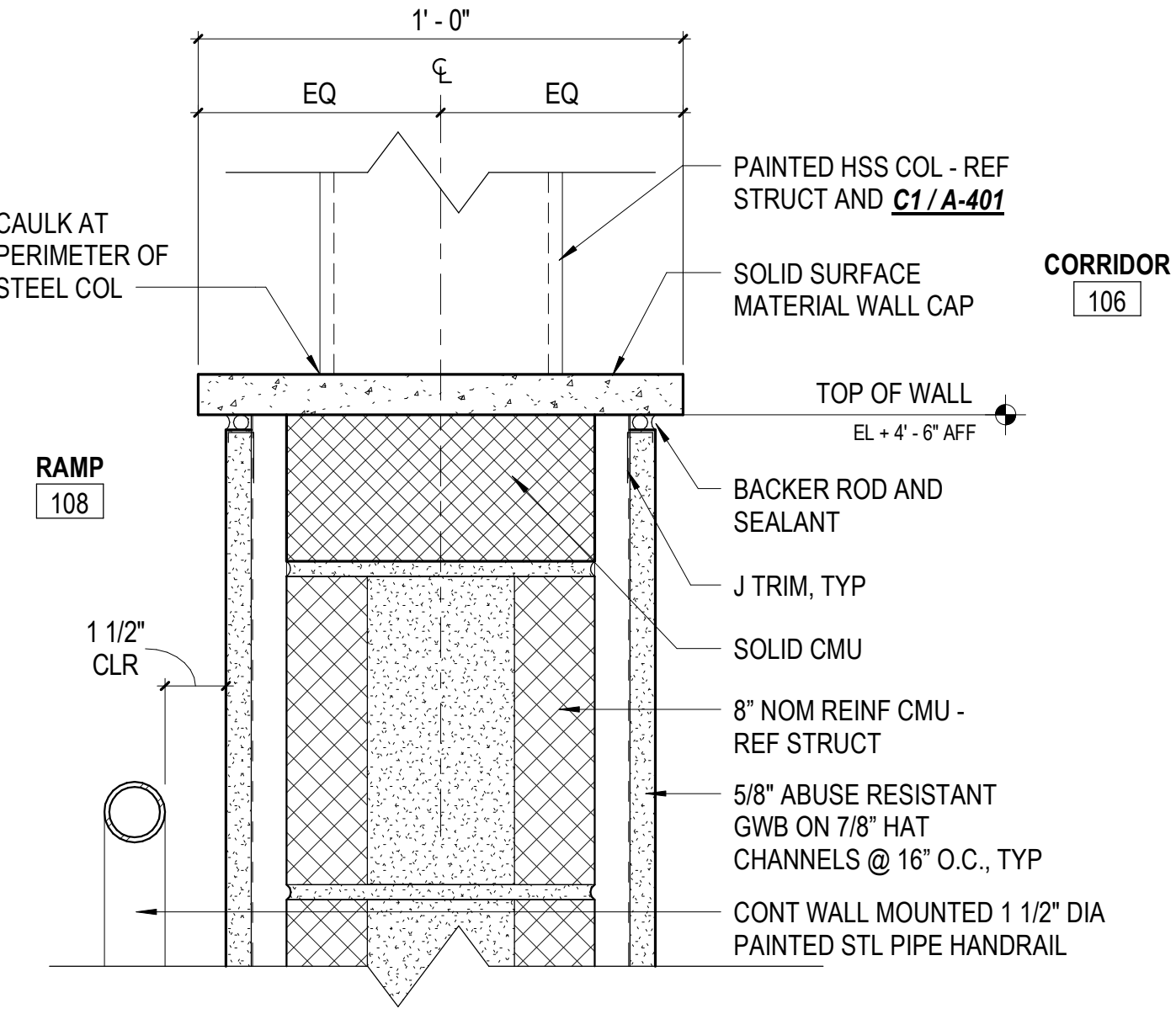
**A-303**

ROOM NUMBER	ROOM NAME	FLOOR	WALL BASE	WALLS				CEILING	NOTES
				N	S	E	W		
101	LOBBY	EXIST	EXIST	EXIST / PT1	EXIST	EXIST	EXIST	EXIST	
102	STAIR 1	EXIST	EXIST	-	-	EXIST	EXIST	EXIST	
103	CORRIDOR	EXIST	EXIST	EXIST	EXIST	EXIST / PT	-	EXIST	
104	STAIR 2	EXIST	EXIST	EXIST	-	EXIST	EXIST	EXIST	
105	STAIR 3	LVT / RT	RB	PT	GUARDRAIL	PT	PT	ACT	
106	CORRIDOR	LVT	RB	PT / GUARDRAIL	PT	PT	PT	ACT	
107	STAIR 4	LVT / RT	RB	-	-	PT	PT	ACT	
108	RAMP	LVT	RB	-	-	PT	PT	GW / PT / ACT	
109	STAIR 5	RT	-	-	-	PT	PT	ACT	
110	ELEVATOR	LVT	RB	PER MFR	PER MFR	PER MFR	PER MFR	PER MFR	
201	ELEVATOR	LVT	RB	PER MFR	PER MFR	PER MFR	PER MFR	PER MFR	
202	CONNECTOR	LVT	-	GUARDRAIL	PT	GUARDRAIL	PT	ACT	
203	CORRIDOR	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	
204	STAIR 2	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	

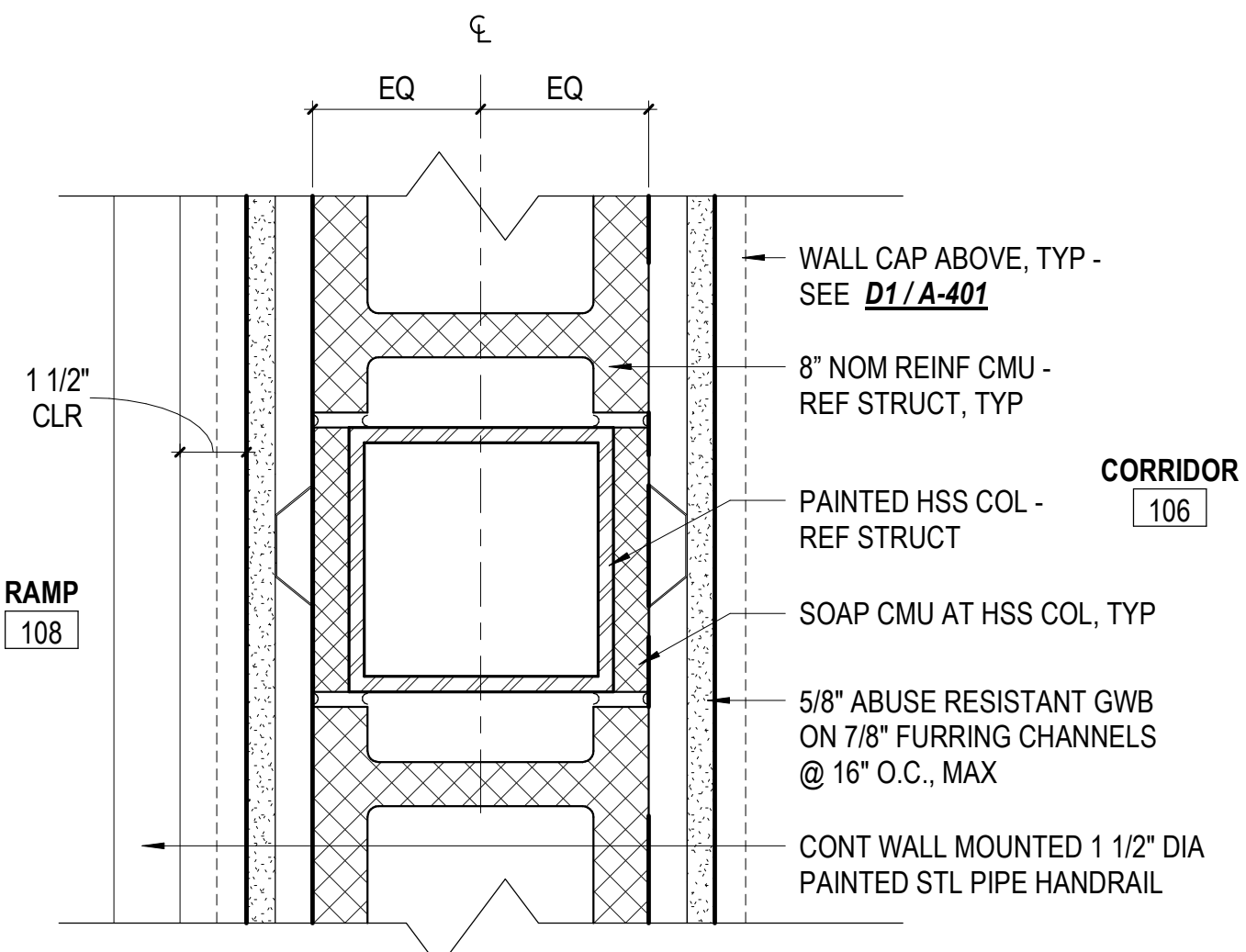
PT = PAINT  
RB = RUBBER BASE  
LVT = LUXURY VINYL TILE  
RT = RUBBER TREADS AND RISERS - AT STAIRS ONLY

GENERAL FINISH NOTES

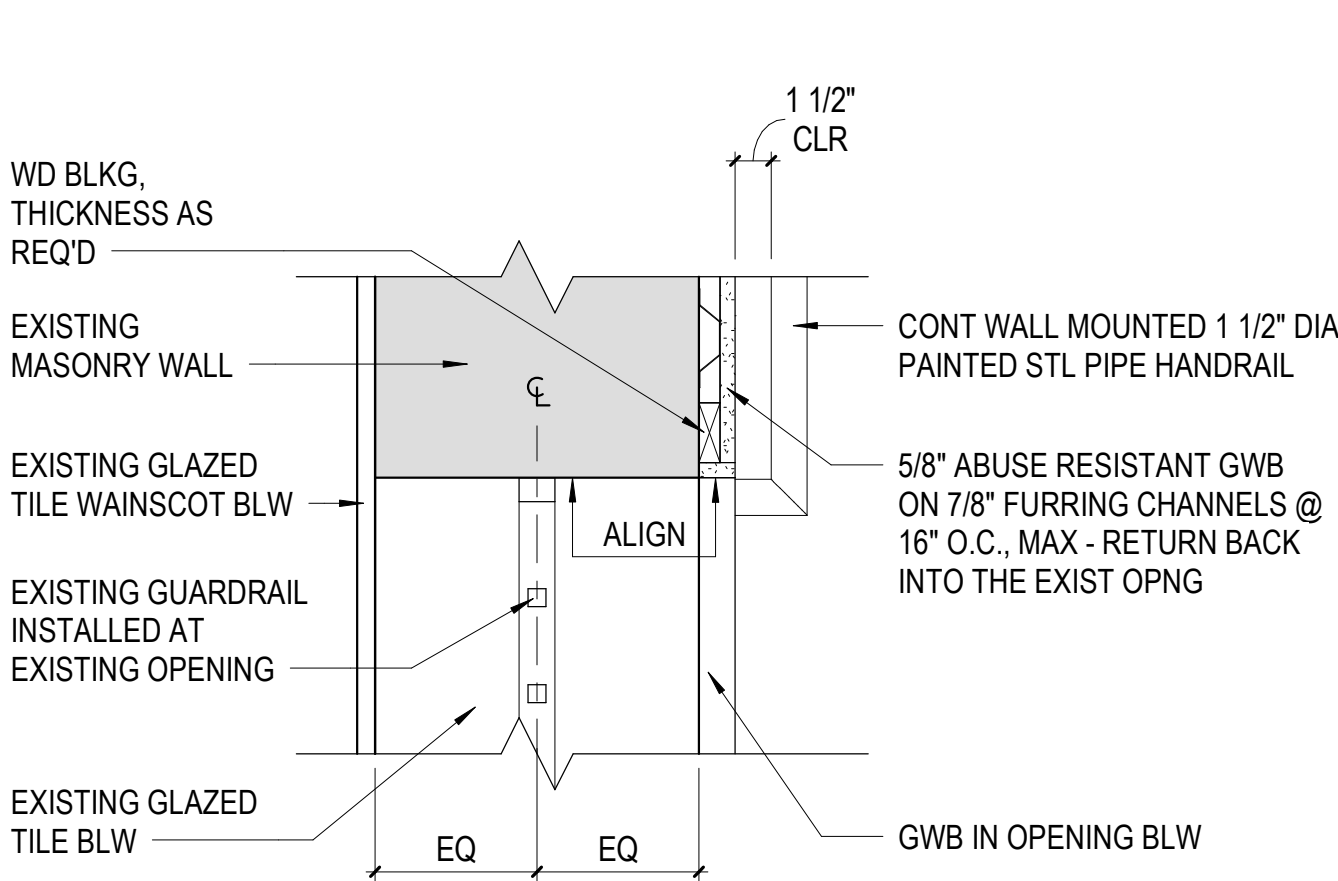
- A. CONTRACTOR TO CHECK AND COORDINATE LEAD TIMES AND REQUIREMENTS FOR FINISHES REQUIRED TO COMPLETE THE WORK FOR EACH SPACE.
- B. PAINT GWB WALLS IN EGGSHELL FINISH AND ALL DOOR FRAMES AND MISCELLANEOUS TRIM IN SEMI-GLOSS FINISH, U.O.N.
- C. PAINT CMU WALLS IN SEMI-GLOSS FINISH, U.O.N.
- D. FOR AREAS WITH CEILINGS NOTED AS 'EXP/PTX' PROVIDE FLAT FINISH PAINT IN COLOR AS INDICATED ON THE FINISH SCHEDULE, U.O.N.
- E. ALL HOLLOW METAL DOORS AND DOOR FRAMES TO BE PAINTED TO MATCH ADJACENT WALL.
- F. PAINT ALL GWB SOFFITS, BULKHEADS, AND CASSED OPENINGS PT4, U.O.N.
- G. CONCRETE CONTRACTOR AND GENERAL CONTRACTOR TO COORDINATE LOCATION OF CONTROL AND EXPANSION JOINTS IN SLAB.
- H. SEE REFLECTED CEILING PLANS FOR LOCATION AND EXTENT OF DIFFERING CEILING MATERIALS



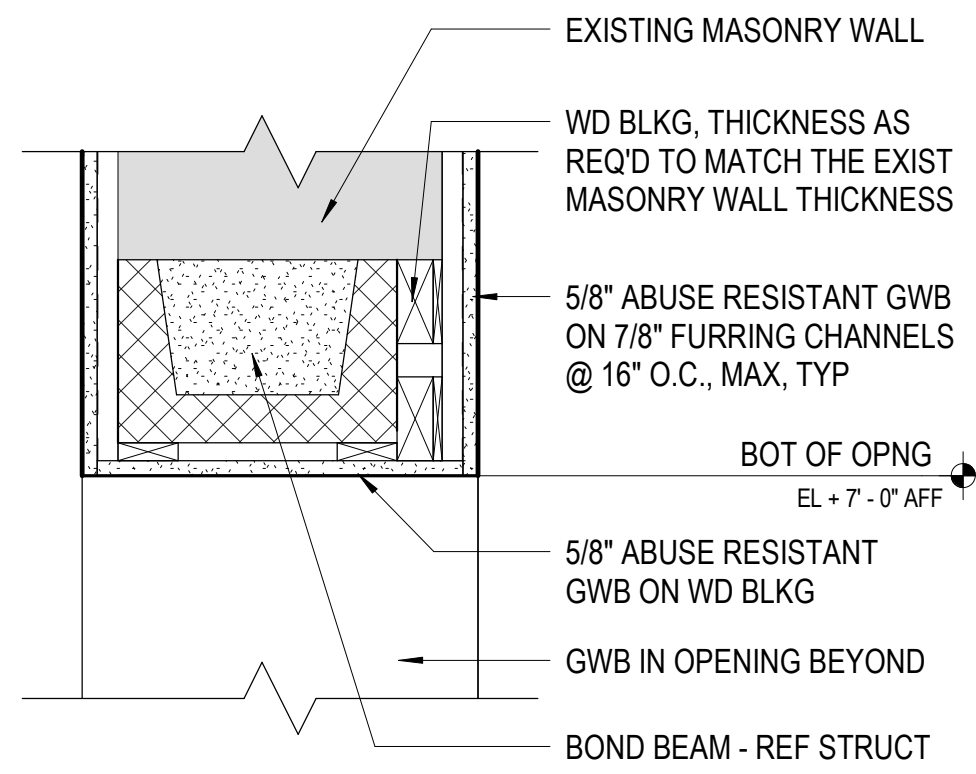
D1 WALL CAP DETAIL  
SCALE: 3" = 1'-0"



C1 HSS COL PLAN DETAIL  
SCALE: 3" = 1'-0"

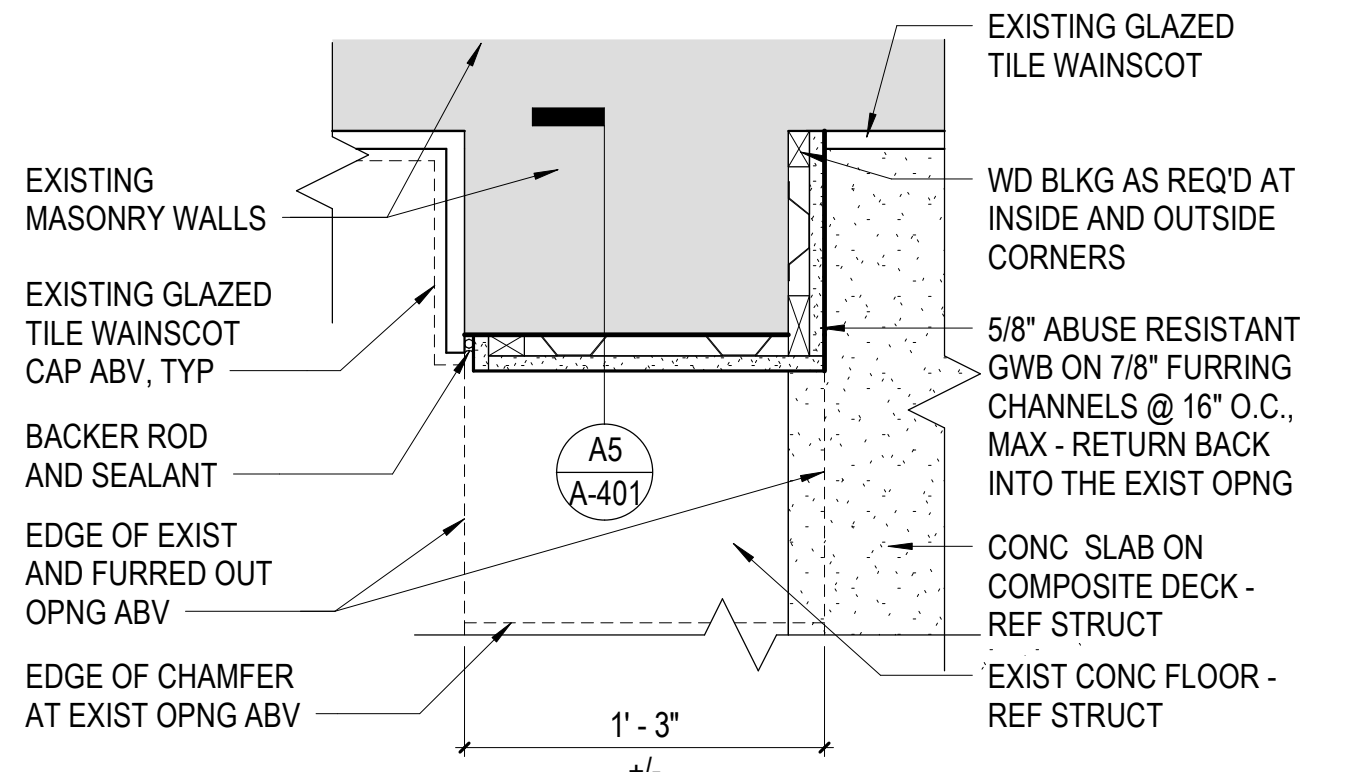


C3 EXISTING OPENING JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"

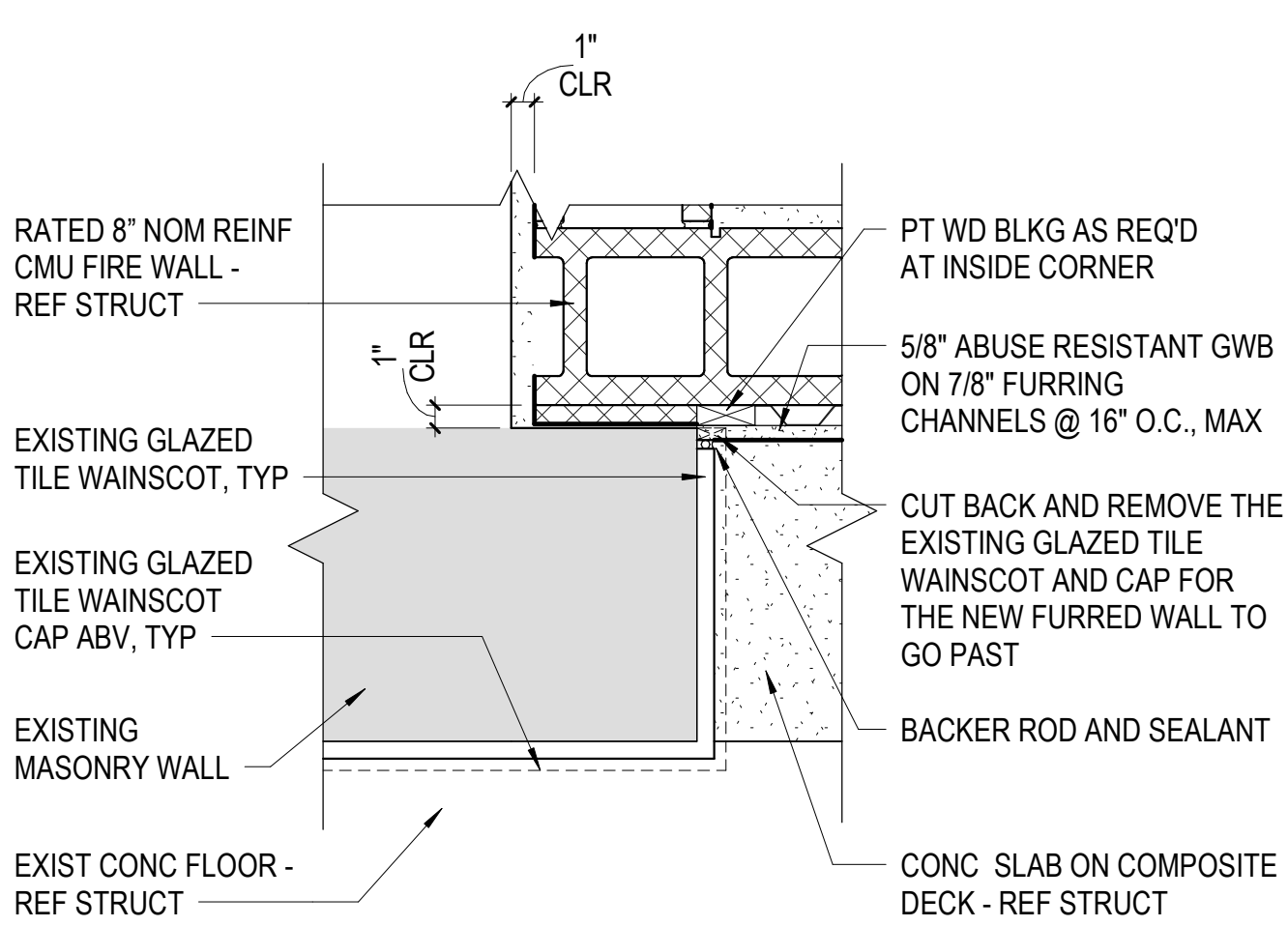


- NOTES:
- SECOND FLOOR NEW OPENING SIMILAR - SEE FLOOR PLAN.
  - RAISE HEAD HEIGHT AS REQ'D TO MATCH THE EXIST MASONRY COURSING.

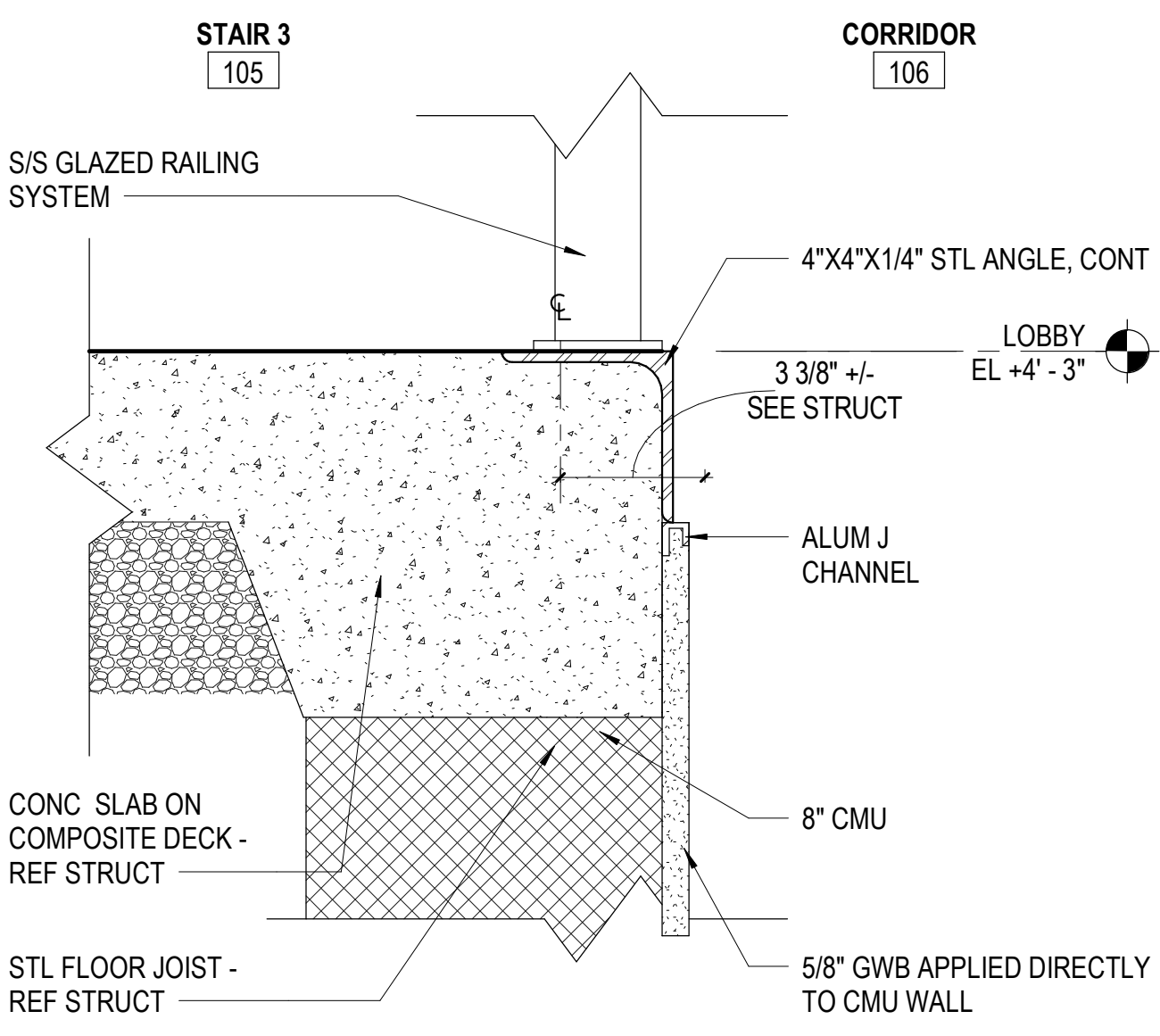
C4 NEW OPENING HEAD DETAIL  
SCALE: 1 1/2" = 1'-0"



C5 EXISTING OPENING JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"

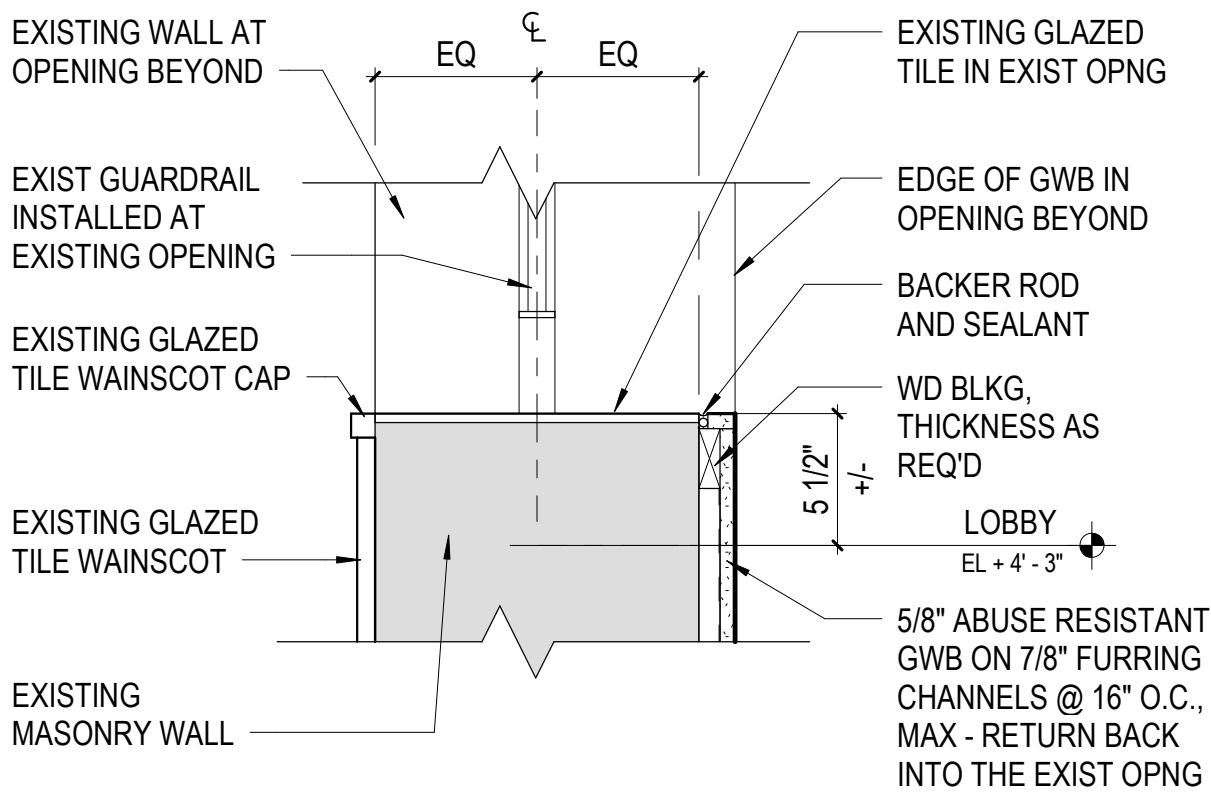


C6 ELEVATOR SHAFT @ EXISTING WALLS  
SCALE: 1 1/2" = 1'-0"

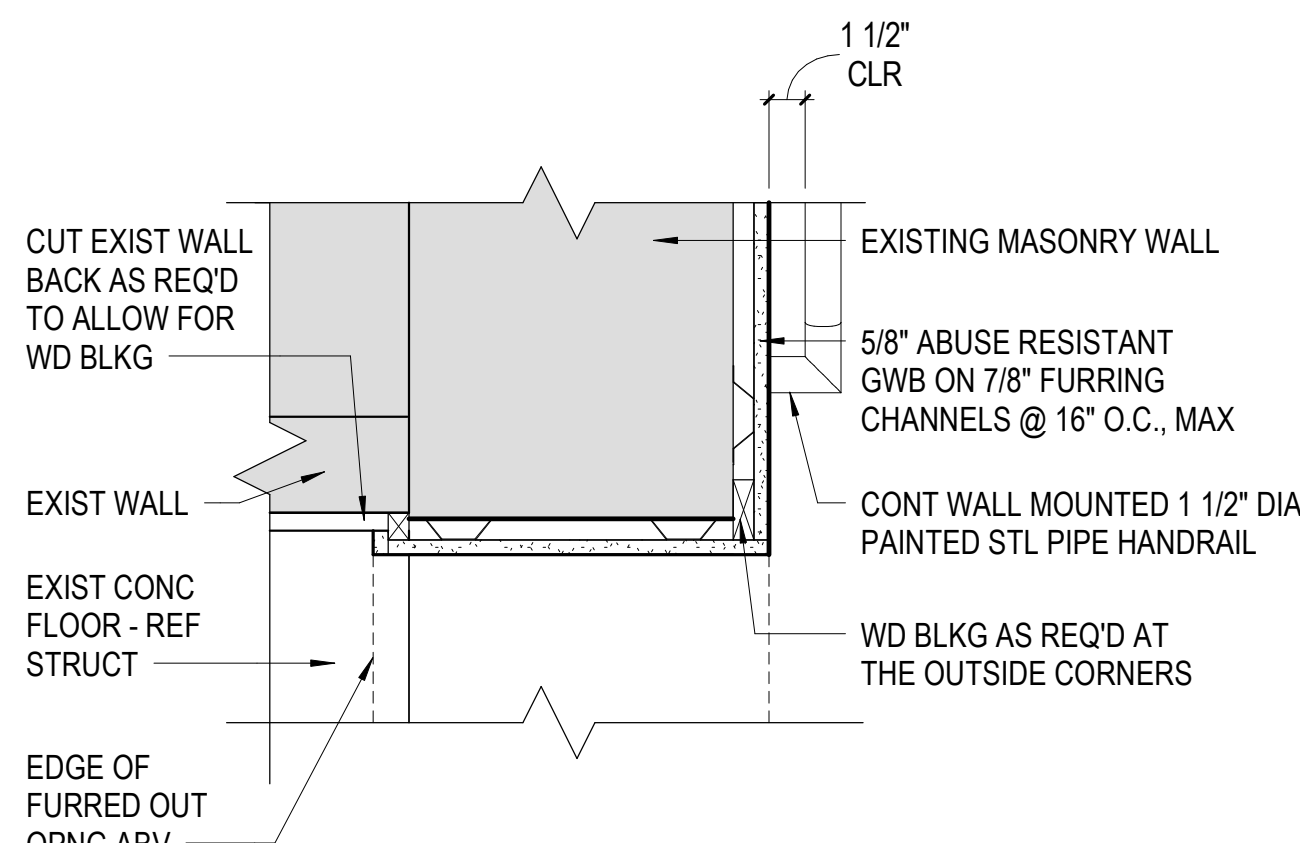


NOTE: SEE A1/A-302 FOR GUARDRAIL COMPONENT NOTES

A1 STAIR 3 FLOOR EDGE DETAIL  
SCALE: 3" = 1'-0"

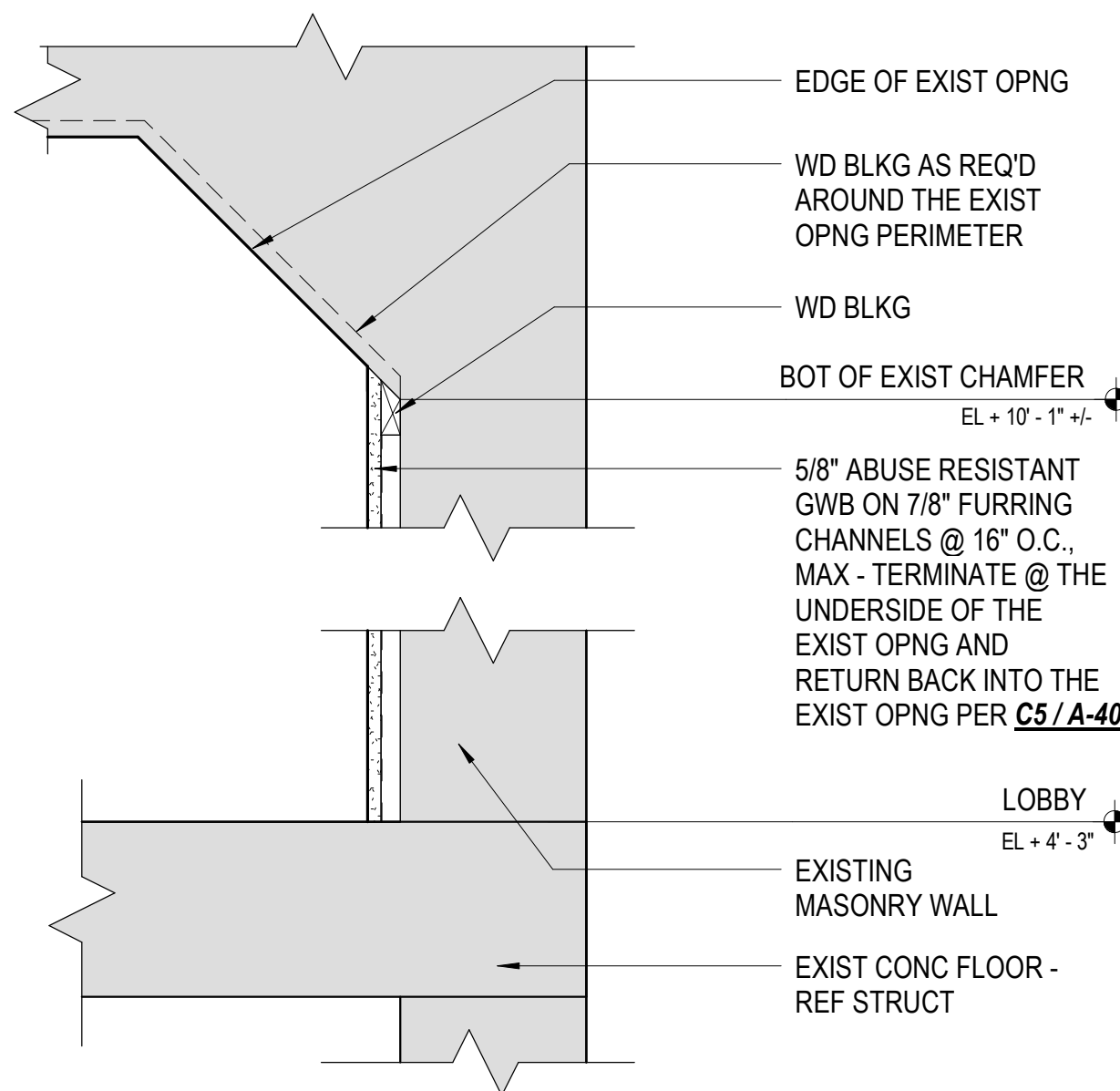


A3 EXISTING OPENING SILL DETAIL  
SCALE: 1 1/2" = 1'-0"

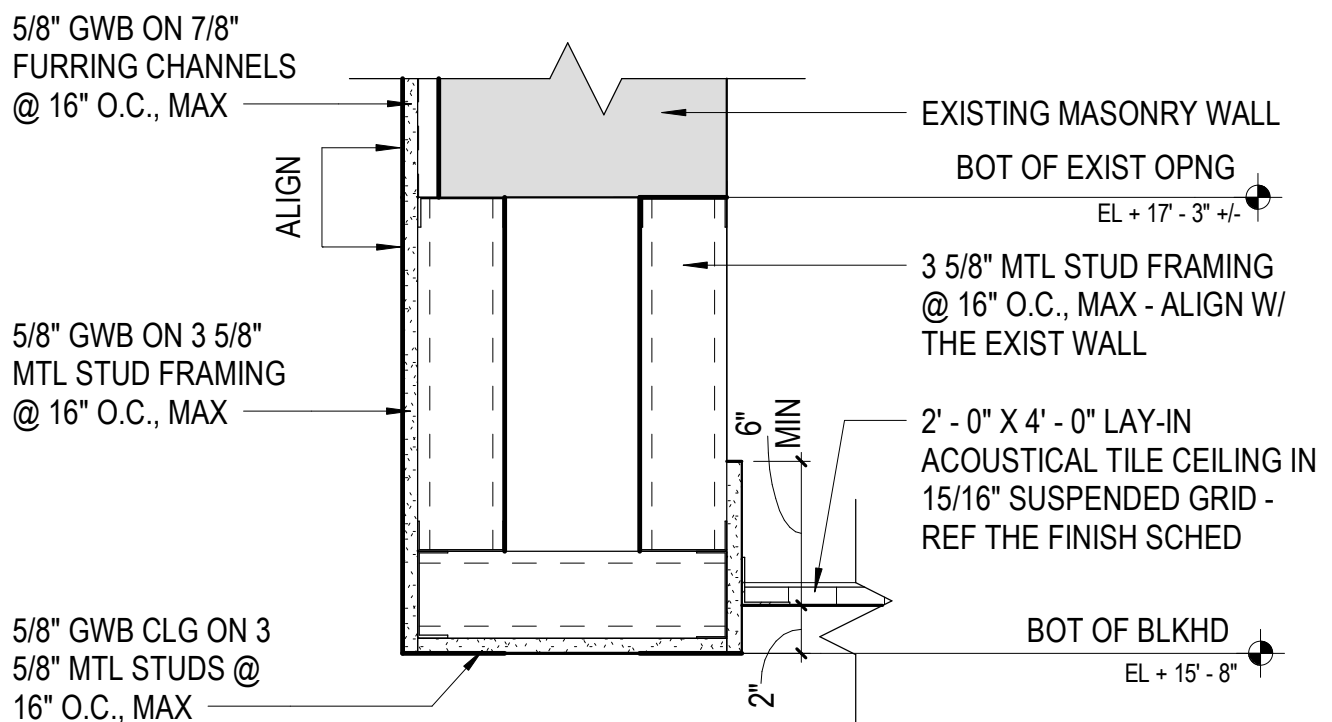


NOTE: SECOND FLOOR NEW OPENING SIMILAR - SEE FLOOR PLAN.

A4 NEW OPENING JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"

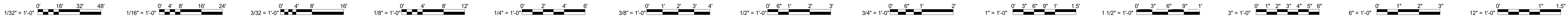


A5 EXISTING OPENING HEAD DETAIL  
SCALE: 1 1/2" = 1'-0"



NOTE: BOTTOM OF EXIST OPENING IS ESTIMATED - FIELD VERIFY

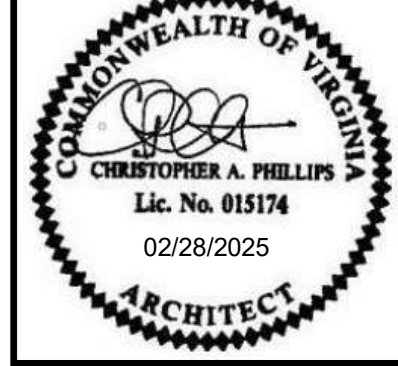
A6 STAIR 5 BULKHEAD  
SCALE: 1 1/2" = 1'-0"



DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG	MARK	DATE	REVISIONS	BY	DESCRIPTION

02/28/25	21195-18	RRMM	RRMM	ACG						
----------	----------	------	------	-----	--	--	--	--	--	--

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	ACG
------	---------	----------	-------	---------	-----

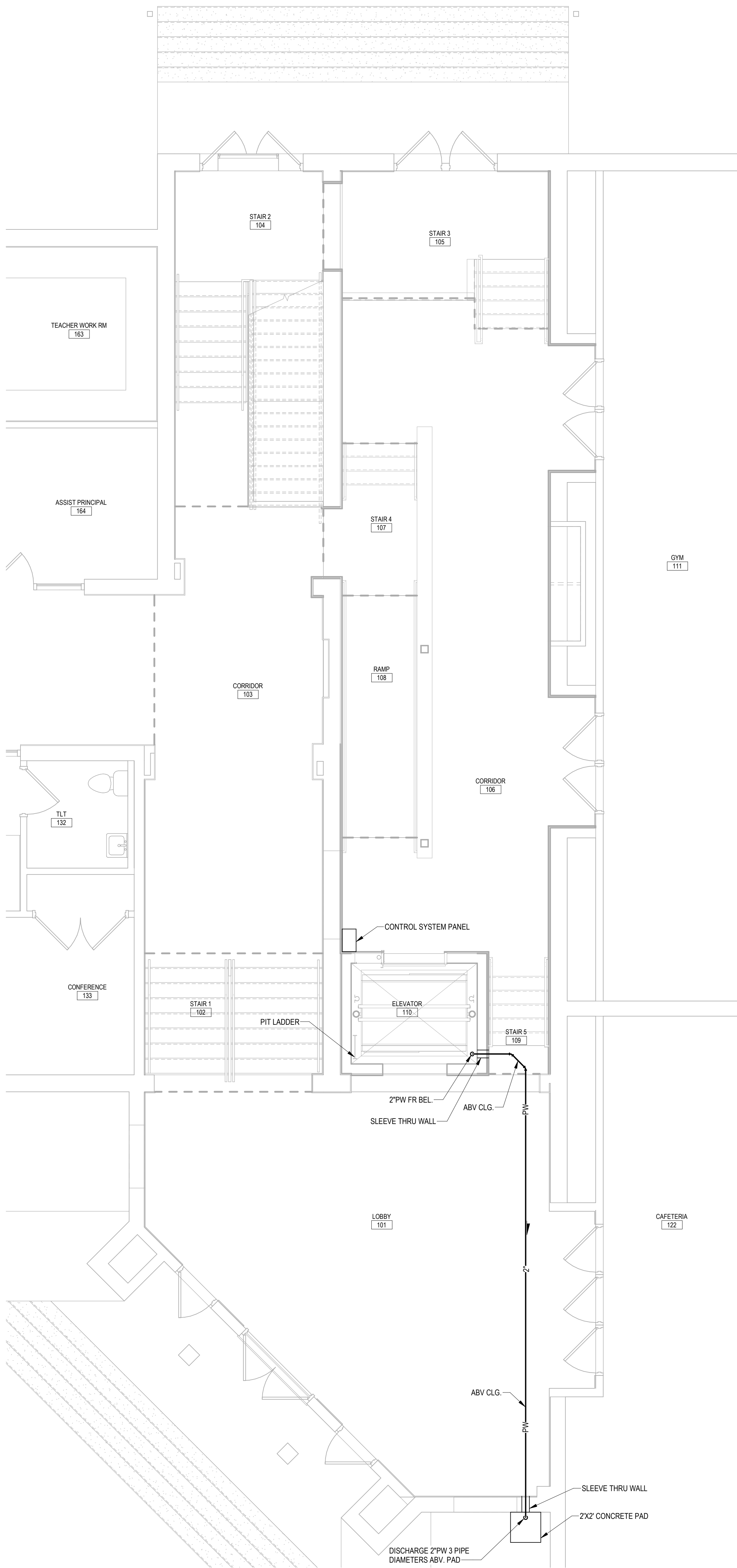


PROJECT CAMPBELL COURT E.S. ELEVATOR ADDITION  
HENRY COUNTY PUBLIC SCHOOLS  
220 CAMPBELL CT  
BASSETT, VA 24055  
DRAWING FINISH SCHEDULE AND DETAILS

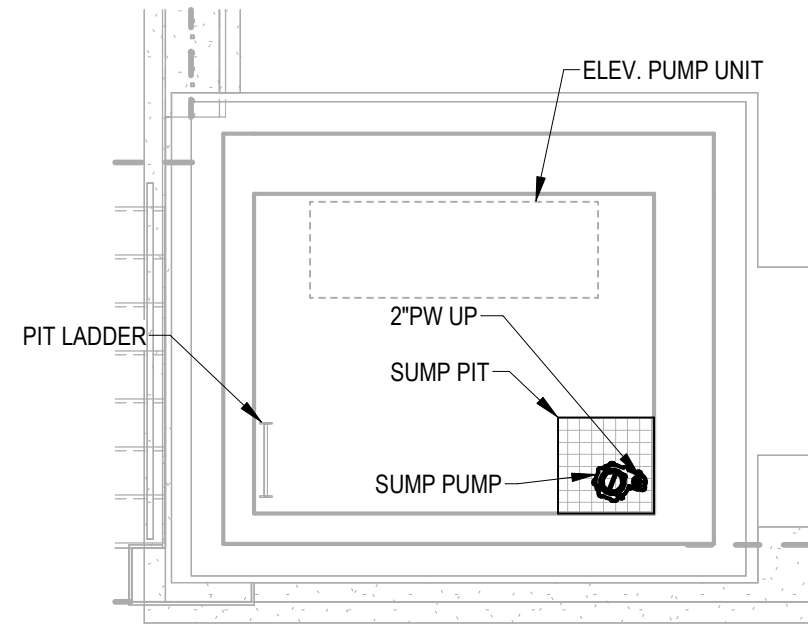
SHEET
A-401



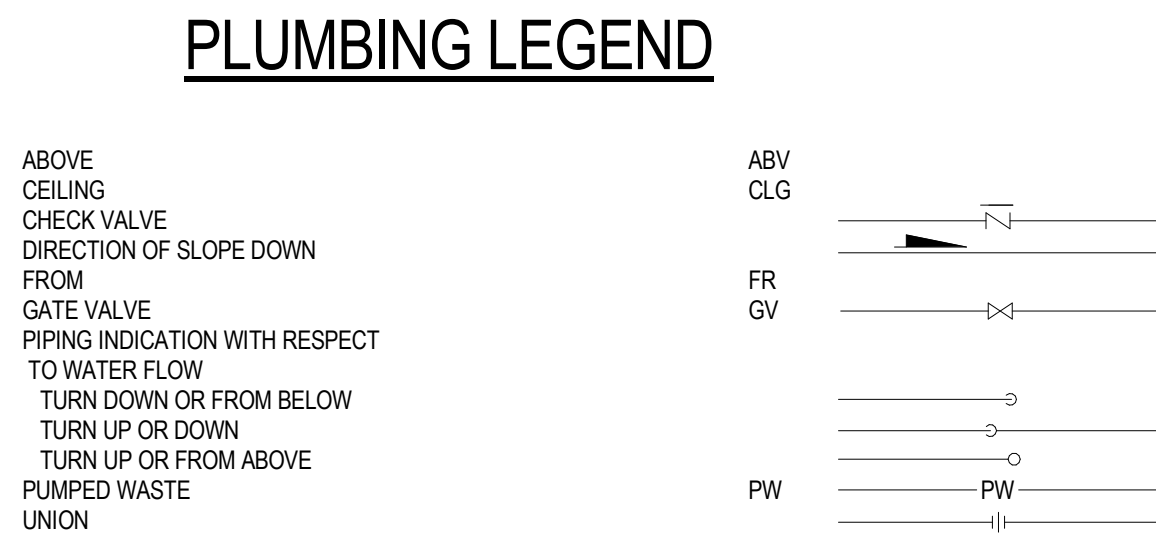
2/27/2025 11:17:14 AM Autodesk Docs/2/1/95-18 HCPS Campbell Court ES/2410-63- HCPS Campbell Court ES - PLUMB - R24-14



FIRST FLOOR PLAN - NEW WORK - PLUMBING  
SCALE: 1/4" = 1'-0"

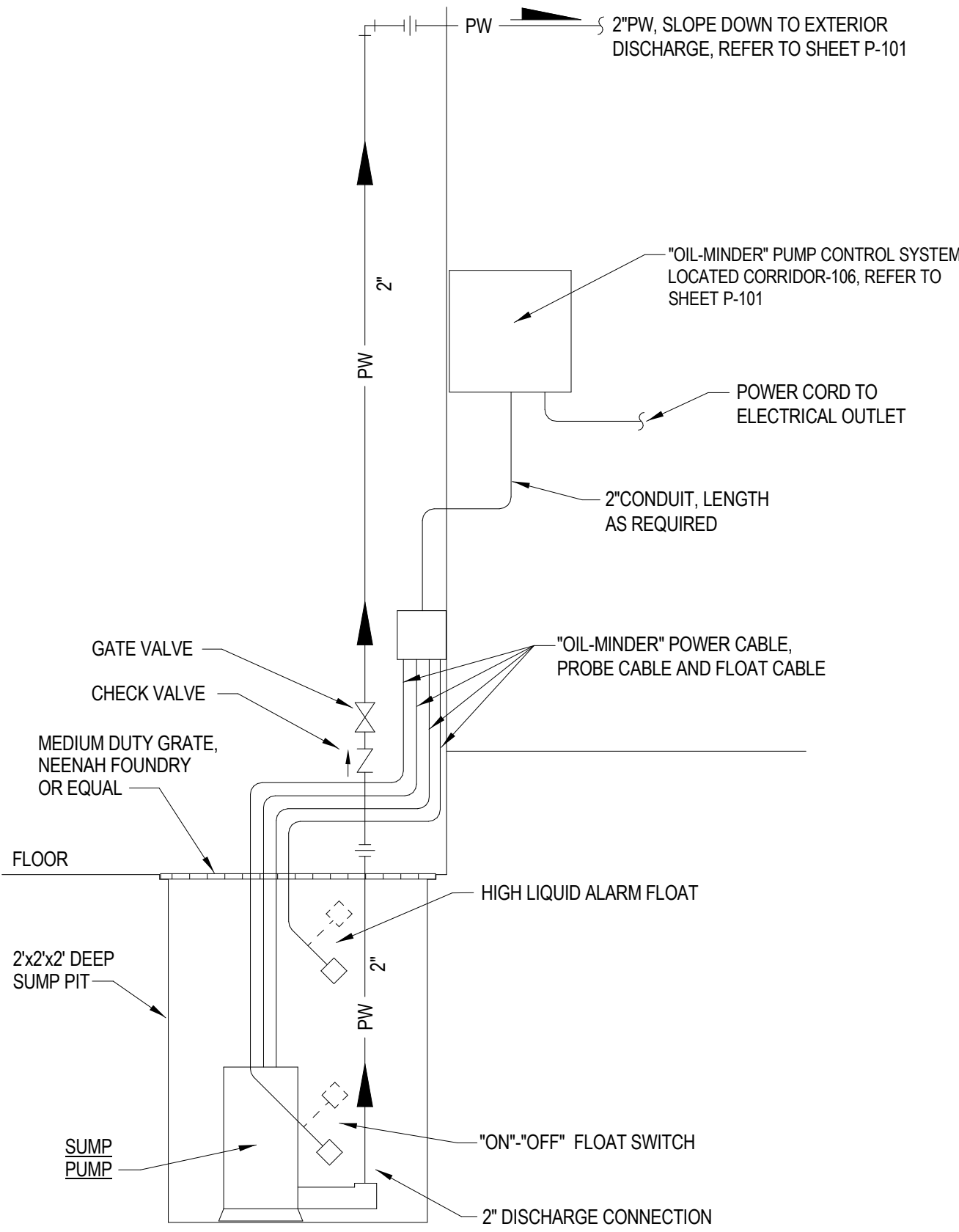


ELEVATOR PIT PLAN - PLUMBING  
SCALE: 1/4" = 1'-0"

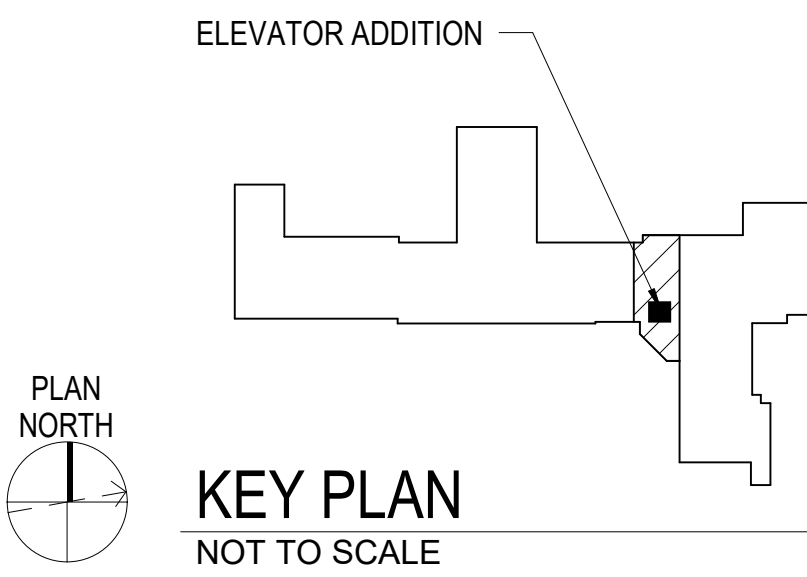


**GENERAL PLUMBING NOTES:**

- ALL PIPES SHALL BE COORDINATED WITH OTHER NEW AND EXISTING DUCTS, PIPES, LIGHTS, STRUCTURAL SYSTEM, CEILING SUPPORTS AND FRAMING BEFORE INSTALLATION. MINOR PIPE OFFSETS SHALL BE PROVIDED AS REQUIRED. MEASUREMENTS FOR VERTICAL CLEARANCES SHALL BE TAKEN AT THE JOB SITE BEFORE INSTALLATION OF ANY PIPING.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS. COORDINATE HOT AND COLD WATER, SANITARY WASTE AND VENT PIPING AND ROUGH-IN INSTALLATION WITH ALL EQUIPMENT MANUFACTURER'S REQUIREMENTS.
- MATERIALS AND INSTALLATION SHALL COMPLY WITH LOCAL CODES, APPLICABLE PROVISIONS OF LATEST EDITION OF NATIONAL FIRE PROTECTION ASSOCIATION, LOCAL UTILITY REGULATIONS AND GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION.
- LIMITS OF CONTRACT: PUMPED WASTE PIPING SHALL BE EXTENDED UNDER THIS SECTION OF THE SPECIFICATIONS TO POINTS 5'-0" BEYOND THE BUILDING LINES, UNLESS OTHERWISE INDICATED ON THE DRAWINGS, WHERE THE PIPES SHALL BE CAPPED OR PLUGGED AND LEFT READY FOR CONNECTION AND EXTENSION BY OTHERS, AND THE LOCATIONS MARKED WITH A STAKE OR OTHER APPROVED MEANS.
- RETURN AIR PLENUM NOTE: ALL MATERIAL LOCATED IN THE RETURN AIR PLENUMS SHALL MEET THE REQUIREMENTS OF THE 2015 VIRGINIA MECHANICAL CODE, SECTION 602.2.1.
- PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELS. COORDINATE INSTALLATION OF PIPES WITH ELECTRICAL PANELS WHEN SHOWN NEAR PANELS OR OVER ELECTRICAL ROOMS.



ELEVATOR SUMP PUMP DETAIL  
NO SCALE



**L P A**  
**LAWRENCE PERRY & ASSOCIATES**  
Consulting Engineers  
12 E. Silver Street, Suite 101  
Roanoke, Virginia 24011  
Phone: (540) 344-3419  
Fax: (540) 344-3419  
Columb. No.: 24107-83  
© Lawrence Perry and Associates, Inc.

MARK	DATE	BY	DESCRIPTION

DATE	FEB 28, 2025
PROJECT	21195-18
DESIGNED	DHH
DRAWN	CAD
CHECKED	MGW

**RRMM**  
**ARCHITECTS,**  
28 West Church Ave  
Roanoke, Virginia  
(540)344-1212 / fax (540)344-1321

02/28/25  
CRODNEY D. FANNING  
Lic. No. 034568  
PROFESSIONAL ENGINEER

PROJECT HENRY COUNTY PUBLIC SCHOOLS  
CAMPBELL COURT E.S. ELEVATOR ADDITION  
220 CAMPBELL CT  
BASSETT, VA 24055  
DRAWING LEGEND, FLOOR PLANS, DETAIL AND NOTES - PLUMBING

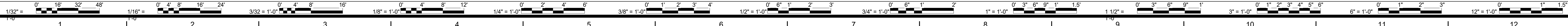
SHEET  
**P-101**

2/27/2025 11:20:03 AM Autodesk Docs/2/1/95-18 HCPSS Campbell Court ES/2410-63- HCPSS Campbell Court ES- MECH- R24.rvt

C

B

A



GENERAL NOTES:

1.

ALL DUCTWORK AND PIPES SHALL BE COORDINATED WITH (OTHER NEW AND EXISTING DUCTS, PIPES,) LIGHTS, STRUCTURAL SYSTEM, CEILING SUPPORTS AND FRAMING BEFORE INSTALLATION. MINOR DUCT AND PIPE OFFSETS AND MINOR DUCT TRANSITIONS SHALL BE PROVIDED AS REQUIRED. WHERE TRANSITIONS ARE REQUIRED, CROSS SECTIONAL AREA OF DUCT SHALL NOT BE REDUCED. MEASUREMENTS FOR VERTICAL CLEARANCES OF DUCTWORK SHALL BE TAKEN AT THE JOB SITE BEFORE FABRICATION OF ANY DUCTWORK.
2.

ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS PUBLISHED INSTRUCTIONS.
3.

MATERIALS AND INSTALLATION SHALL COMPLY WITH LOCAL CODES. APPLICABLE PROVISIONS OF LATEST EDITION OF NATIONAL FIRE PROTECTION ASSOCIATION, LOCAL UTILITY REGULATIONS AND GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION.
4.

CONTRACTOR SHALL SEAL AND FLASH ALL PENETRATIONS IN EXISTING ROOF AND WALLS.
5.

VERIFY ROOF AND WALL OPENINGS WITH STRUCTURE.
6.

VERIFY THE LOCATION OF ALL THERMOSTATS, TEMPERATURE SENSORS, PANELS AND CONTROL INSTRUMENTS WITH THE ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
7.

VERIFY LOCATIONS OF NEW AND EXISTING EQUIPMENT AND ROUTE OF DUCTWORK WITH EXISTING CONDITIONS.
8.

ALL CUTTING AND PATCHING FOR THE INSTALLATION OF NEW WORK IN EXISTING BUILDING SHALL BE DONE BY THE GENERAL CONTRACTOR.
9.

REFER TO ARCHITECTURAL, STRUCTURAL AND ELECTRICAL DRAWINGS TO COORDINATE THE EXACT LOCATIONS OF DIFFUSERS, REGISTERS, GRILLES, PIPING AND OTHER MECHANICAL EQUIPMENT WITH CEILING GRID, LIGHTS, BEAMS AND OTHER BUILDING COMPONENTS.
10.

CONTRACTOR SHALL PROVIDE ALL SUPPORTS REQUIRED TO MOUNT MECHANICAL EQUIPMENT, PIPING AND DUCTWORK.
11.

WHERE PIPE AND DUCT CONNECTIONS ARE SHOWN CONNECTING TO EXISTING, CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND CONNECTION SIZES PRIOR TO INSTALLATION.
12.

DUCTWORK SHALL BE ZINC-COATED SHEET STEEL OR ALUMINUM, CONSTRUCTED AND INSTALLED AS RECOMMENDED BY THE LATEST EDITION OF SMACNA "HVAC DUCT CONSTRUCTION STANDARDS".
13.

DUCTWORK SHALL BE ACOUSTICALLY LINED AS INDICATED WITH 1" THICK, 1-1/2 PCF., FIBERGLASS DUCT LINER WITH NEOPRENE COATING ON AIR SIDE. DUCTWORK HAS BEEN SIZED TO INCLUDE THE LINING.
14.

ALL FLEXIBLE DUCTS CONNECTED TO SUPPLY DIFFUSERS SHALL BE SIZED TO EQUAL THE DIFFUSER NECK DIAMETER.
15.

FLEXIBLE DUCTS SHALL BE FLEXIBLE METAL OR METAL AND NEOPRENE-COATED CANVAS HOSE INSULATED WITH 1" THICK FIBERGLASS WITH VINYL VAPOR BARRIER. ALL ROUND DUCT TAKE-OFFS SHALL BE MADE WITH SPIN-IN FITTINGS WITH 45 DEG. EXTRACTOR AND BALANCING DAMPER. THE DUCT DIAMETER SHALL MATCH THE AIR DIFFUSER SIZE UNLESS OTHERWISE INDICATED.
16.

PROVIDE FLEXIBLE DUCT CONNECTIONS BETWEEN THE SUPPLY AND RETURN DUCTS FROM THE AIR UNITS. FLEXIBLE CONNECTIONS SHALL BE WEATHERTIGHT WHEN EXPOSED.
17.

PROVIDE AIR TIGHT SEAL BETWEEN DUCTWORK AND FLOOR OR FIRE PARTITION WITH FIRE RESISTANT MATERIAL.
18.

SUPPLY AND OUTDOOR AIR DUCTWORK SHALL BE INSULATED WITH 1 LB. DENSITY, FLEXIBLE TYPE, 1-1/2" THICK WITH FACTORY APPLIED FACING OF 0.7 MIL FOIL-SCRM-WHITE KRAFT PAPER JACKET EFFECTIVELY VAPOR SEALED.
19.

DUCT AND PIPE INSULATION SHALL MATCH EXISTING. INSULATION THAT IS DAMAGED OR REMOVED FOR NEW WORK SHALL BE REPLACED, REPAIRED AND SEALED AS REQUIRED.
20.

NEW PIPING, PIPE INSULATION AND DUCT INSULATION SHALL MATCH EXISTING. INSULATION THAT IS DAMAGED OR REMOVED FOR NEW WORK SHALL BE REPLACED, REPAIRED AND SEALED AS REQUIRED.
21.

CONDENSATE DRAIN LINES SHALL BE TYPE M HARD DRAWN COPPER OR PVC TUBING. FITTINGS SHALL MATCH THE PIPING. INSULATE WITH 3/8" ARMAFLEX VAPOR SEALED WHERE SUBJECT TO SWEATING. REFERTO FLOOR PLANS FOR ROUTING.
22.

ALL CEILING DIFFUSERS SHALL BE 4-WAY THROW TYPE UNLESS NOTED OTHERWISE.
23.

CEILING DIFFUSERS SHALL BE METALAIRE, ROUND LOUVER FACE, SURFACE-MOUNT ADJUSTABLE TYPE COMPLETE WITH EQUALIZING DEFLECTORS AND VOLUME CONTROL UNITS.
24.

HVAC CONTRACTOR SHALL ADJUST CFM FOR CEILING DEVICES AND AIR UNITS AS SHOWN ON THE FLOOR PLANS.
25.

RETURN GRILLES AND REGISTERS SHALL BE METALAIRE SERIES RH, 45 DEGREE DEFLECTION. DAMPERS FOR REGISTERS SHALL BE FACE OPERATED AND OPPOSED BLADE TYPE.
26.

FOR EXACT LOCATIONS OF CEILING DEVICES, SEE REFLECTED CEILING PLAN.
27.

EQUIPMENT SUPPORTS FOR ROOFTOP UNITS SHALL BE GREENHECK MODEL GESR OR EQUAL. INSTALLATION SHALL BE BY THE GENERAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL FURNISH AND COORDINATE LOCATION.
28.

FINAL LOCATION OF ROOF-MOUNTED EQUIPMENT SHALL BE COORDINATED WITH ROOF FRAMING. VERIFY ROOF OPENINGS WITH STRUCTURE.
29.

PROVIDE ACCESS DOORS OF SUFFICIENT SIZE FOR ALL CONCEALED CONTROLS, DAMPERS OR ANY ITEMS REQUIRING ACCESS.
30.

AIR DEFLECTORS SHALL BE PROVIDED IN ALL SQUARE ELBOWS.
31.

CONTRACTOR SHALL VERIFY THAT VFDS ARE PROVIDED WITH INTEGRAL DISCONNECT TO DISCONNECT POWER TO THE CONTROLLER AND THE MOTOR. VFDS SHALL BE LOCATED WITHIN SIGHT OF THE MOTOR BEING SERVED.
32.

ALL REMOTE-MOUNTED TEMPERATURE CONTROL DEVICES AND TEMPERATURE CONTROL WIRING SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
33.

CEILING GRID AND OTHER ITEMS SHALL NOT BE SUPPORTED FROM OR IN CONTACT WITH HVAC UNITS. CONDUIT, WIRING, PIPING AND SUPPORTS SHALL NOT BE LOCATED BELOW HVAC UNIT ACCESS PANELS.
34.

DUCTWORK AND PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELS. COORDINATE INSTALLATION OF DUCTWORK AND PIPING WITH ELECTRICAL PANELS WHEN SHOWN NEAR PANELS OR OVER ELECTRICAL ROOMS.
35.

INSTRUCT THE OWNER IN THE PROPER OPERATION AND MAINTENANCE OF THE MECHANICAL SYSTEMS UNTIL THE OWNER IS FULLY PREPARED TO OPERATE AND MAINTAIN THE MECHANICAL SYSTEM. HOWEVER, LENGTH OF INSTRUCTION TIME SHALL BE LIMITED TO ONE-HALF DAY.
36.

SYSTEMS SHALL OPERATE UNDER CONDITIONS OF LOAD WITHOUT UNUSUAL OR EXCESSIVE NOISE OR VIBRATION. UNUSUAL OR EXCESSIVE NOISE OR VIBRATION SHALL BE CORRECTED.
37.

EQUIPMENT, MATERIALS AND LABOR REQUIRED BY THESE CONTRACT DRAWINGS SHALL BE GUARANTEED TO BE FREE FROM DEFECTIVE MATERIALS OR WORKMANSHIP FOR ONE YEAR AFTER FINAL ACCEPTANCE OF THE PROJECT UNLESS SPECIFIED OTHERWISE. DEFECTIVE MATERIALS OR WORKMANSHIP OCCURRING DURING THIS PERIOD SHALL BE CORRECTED AT NO ADDITIONAL COST.

NEW AIR DEVICES SHALL BE AS FOLLOWS (TO MATCH EXISTING):  
CD-1 SUPPLY DIFFUSER METAL INDUSTRIES MODEL 570D-6  
CG-1 RETURN GRILLE METAL INDUSTRIES MODEL V4002R

HVAC LEGEND

ABOVE	ABV	
ABOVE FINISHED FLOOR	AFF	
AIR HANDLING UNIT	AHU	
BALANCING VALVE		
BELOW	BEL	
BOTTOM GRILLE	BG	
BOTTOM REGISTER	BR	
CABINET UNIT HEATER	CUH	
CAPACITY	CAP	
CEILING	CLG	
CEILING DIFFUSER	CD	
CEILING GRILLE	CG	
CEILING REGISTER	CR	
CHECK VALVE		
CHILLED WATER PUMP	CWP	
CHILLED WATER RETURN PIPE	CWR	
CHILLED WATER SUPPLY PIPE	CWS	
CIRCUIT SETTER		
CUBIC FEET PER MINUTE	CFM	
DEGREES FAHRENHEIT	°F	
DIAMETER	Ø	
DIRECTION OF FLOW		
DIRECTION OF SLOPE DOWN		
DOOR GRILLE	DG	
DOWN	DN	
DRY BULB	DB	
DUCT SLOPE DOWN		
DUCT SLOPE UP		
DUCT TRANSITION		
DUCTWORK (NEW)		
ACOUSTIC LINED		
RETURN & EXHAUST		
SUPPLY		
DUCTWORK (EXISTING TO REMAIN)		
RETURN	EX	
EXHAUST	EX	
SUPPLY	EX	
DUCTWORK (EXISTING TO BE REMOVED)		
RETURN	R	
EXHAUST	E	
SUPPLY	S	
EACH	EA	
ELECTRIC WALL HEATER	EWH	
ENTERING AIR TEMPERATURE	EAT	
ENTERING WATER TEMPERATURE	EWT	
EXISTING, REMOVE FROM THIS POINT		
FEET	FT	
FEET PER MINUTE	FPM	
FIRE DAMPER	FD	
FIRE/SMOKE DAMPER	FSD	
FIRE/STAT	FS	
FLEXIBLE DUCT CONNECTION		
FLEXIBLE DUCT RUNOUT		
FLEXIBLE PIPE CONNECTION		
GALLONS	GAL	
GALLONS PER MINUTE	GPM	
HEATING WATER PUMP	HWP	
HEATING WATER RETURN PIPE	HWR	
HEATING WATER SUPPLY PIPE	HWS	
HORSEPOWER	HP	
HOUR	HR	
HUMIDISTAT		
INCH	IN	
KILOWATT	KW	
LEAVING AIR TEMPERATURE	LAT	
LEAVING WATER TEMPERATURE	LWT	
MANUAL AIR VENT		
MANUAL DAMPER	MD	
MOTOR OPERATED DAMPER	MOD	
NEW CONNECTED TO EXISTING		
OUTDOOR AIR	OA	
OVAL		
PIPING INDICATION WITH RESPECT TO FLOW		
BOTTOM TAKEOFF		
SIDE CONNECTION		
TOP TAKEOFF		
TURN DOWN OR FROM BELOW		
TURN UP OR DOWN		
TURN UP OR FROM ABOVE		
POUNDS	LBS	
POUNDS PER SQUARE INCH GAGE	PSIG	
PRESSURE DROP	PD	
PRESSURE GAUGE		
PRESSURE RELIEF VALVE		
REVOLUTIONS PER MINUTE	RPM	
SERVICE VALVE		
SMOKE DAMPER	SD	
STATIC PRESSURE	SP	
THERMOMETER		
THERMOSTAT OR TEMPERATURE SENSOR	T'STAT	
THOUSAND BTU PER HOUR	MBH	
THREE-WAY CONTROL VALVE		
TOP GRILLE	TG	
TOP REGISTER	TR	
TWO-WAY CONTROL VALVE		
UNION	UH	
WALL HEATER	WH	
WET BULB	WB	

PROJECT HENRY COUNTY PUBLIC SCHOOLS

CAMPBELL COURT E.S. ELEVATOR ADDITION

220 CAMPBELL CT

BASSETT, VA 24055

DRAWING HVAC LEGEND AND NOTES

SHEET

M-001

F

E

D

C

B

A

DESCRIPTION

BY

MARK

DATE

FLM

FLM

FLM

RDF

G

F

E

D

C

B

A

L P A

LAWRENCE PERRY & ASSOCIATES

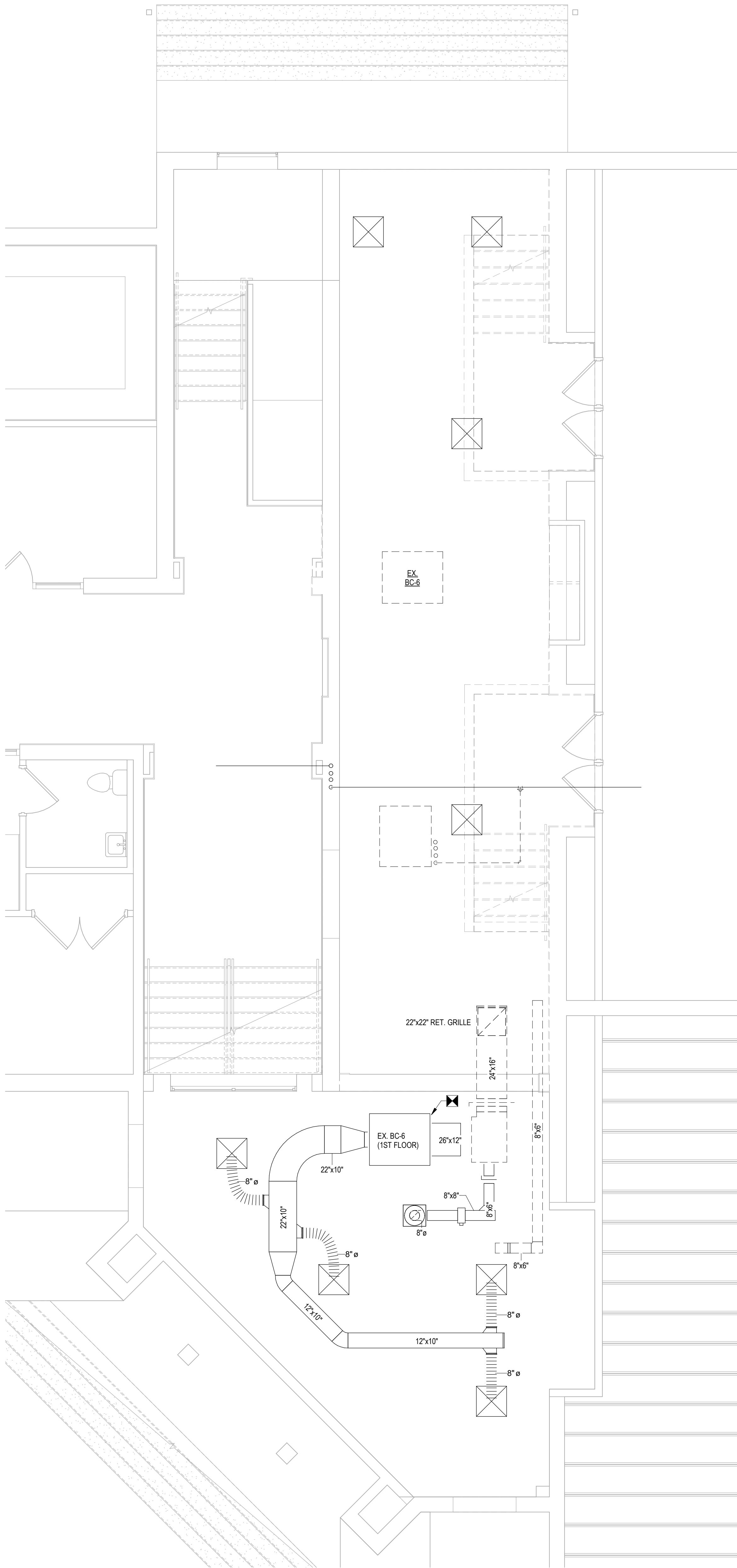
Consulting Engineers

12 E. Silver Spring Road  
Roanoke, Virginia 24011  
Phone No. 240-940-3410  
Fax No. 240-940-3410

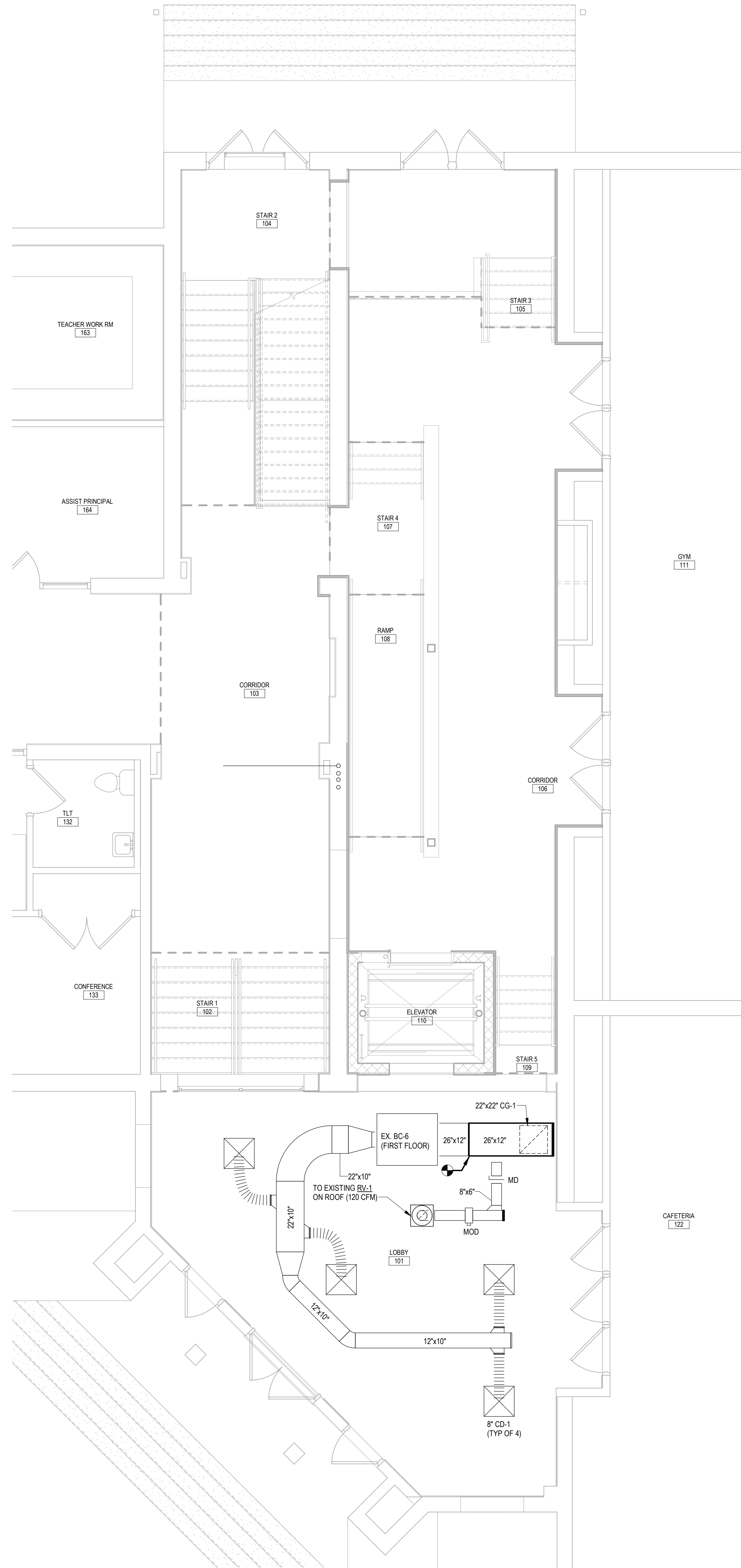
© Lawrence Perry and Associates, Inc.



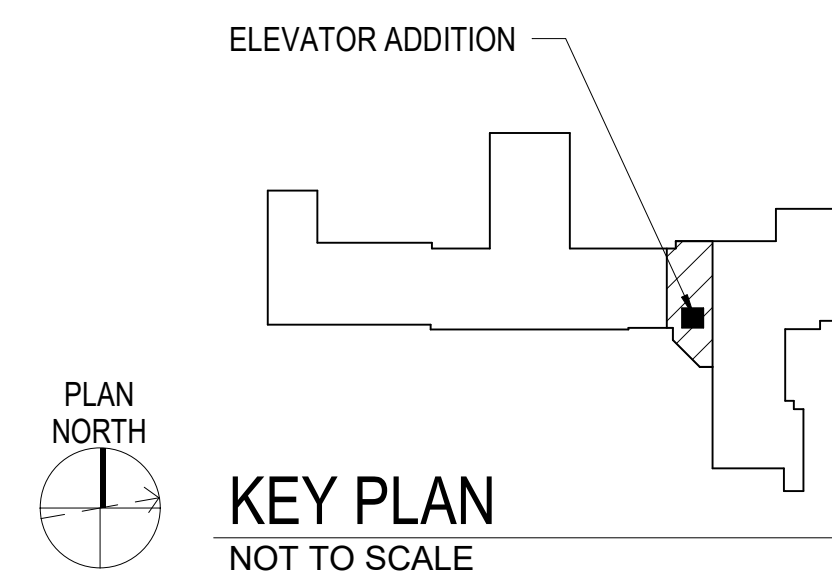
2/27/2025 11:20:05 AM Autodesk Docs/2/1/95-18 HCPSS Campbell Court ES/2410-63 - HCPSS Campbell Court ES - MECH - R24.v4



FIRST FLOOR PLAN - DEMOLITION - HVAC  
SCALE: 1/4" = 1'-0"

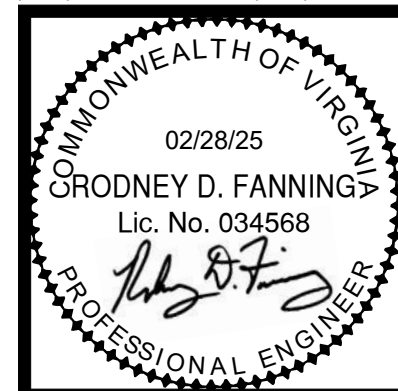


FIRST FLOOR PLAN - NEW WORK - HVAC  
SCALE: 1/4" = 1'-0"



PROJECT HENRY COUNTY PUBLIC SCHOOLS  
CAMPBELL COURT E.S. ELEVATOR ADDITION  
220 CAMPBELL CT  
BASSETT, VA 24055  
DRAWING FIRST FLOOR DEMOLITION & NEW WORK PLANS - HVAC

SHEET  
M-101

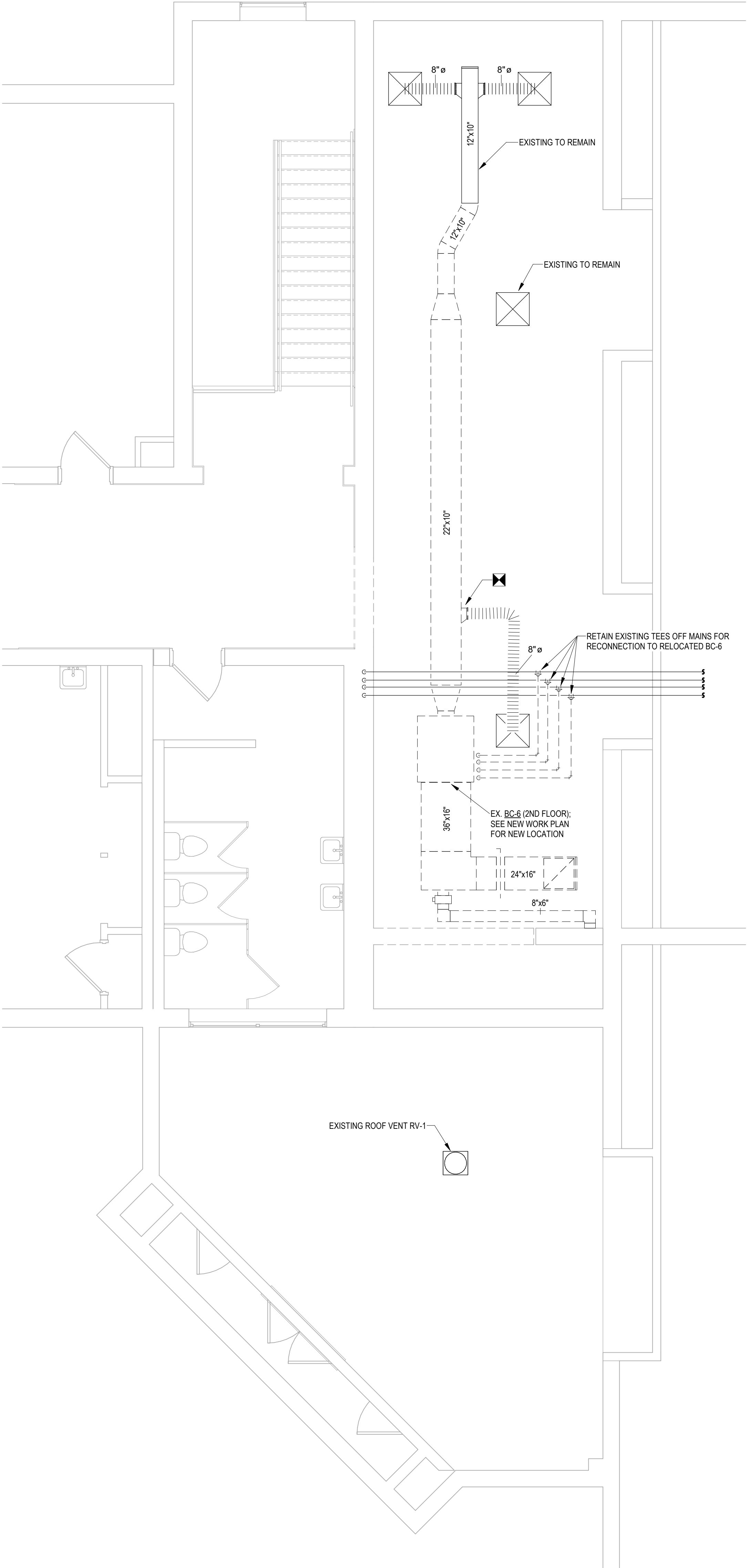


RRMM  
ARCHITECTS,  
28 West Church Ave  
Roanoke, Virginia  
(540)344-1212 / fax (540)344-1321

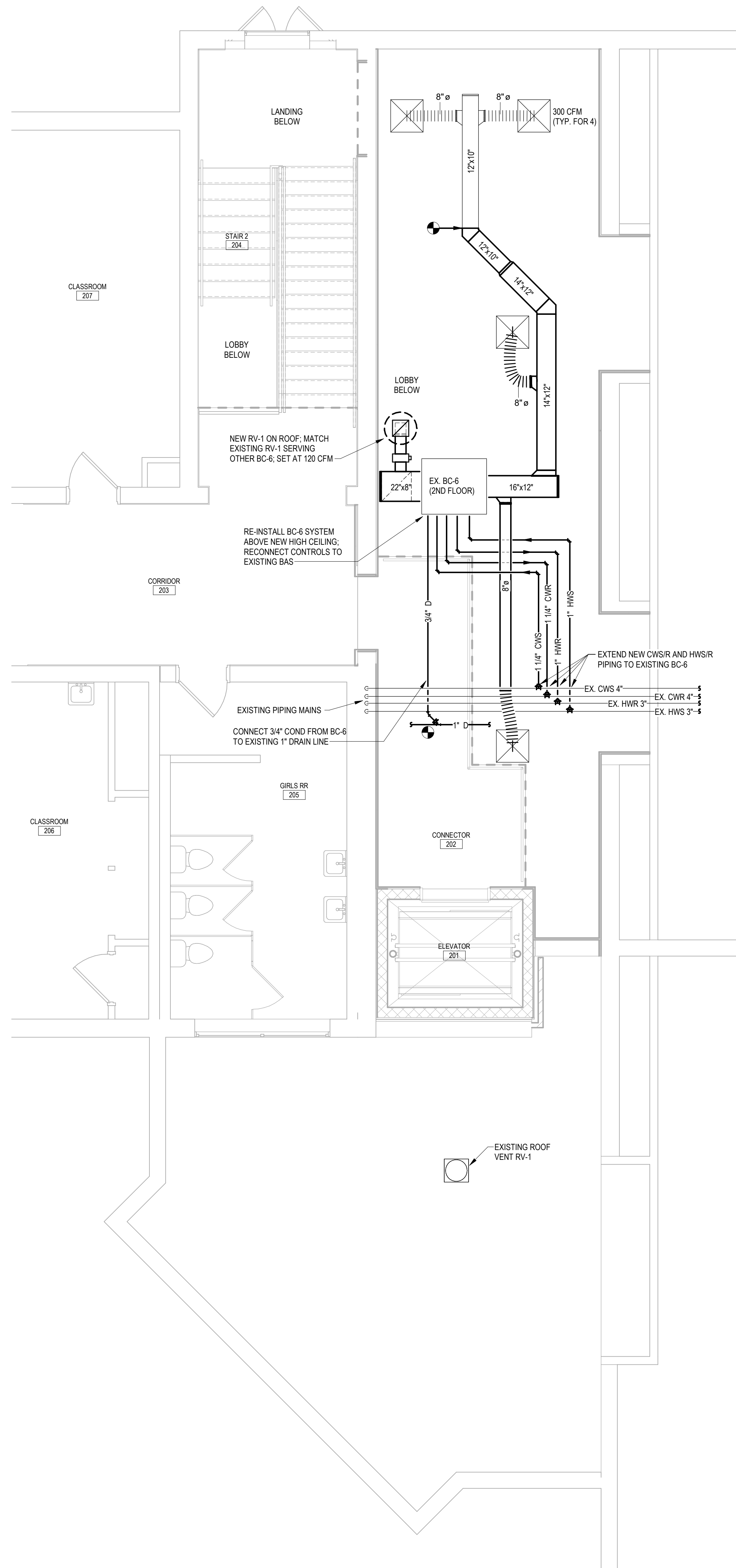
DATE	PROJECT	DESIGNED	DRAWN	CHECKED	FLM	FLM	RDF
2025	FEB 28, 2025	21195-18					

MARK	DATE	BY	DESCRIPTION

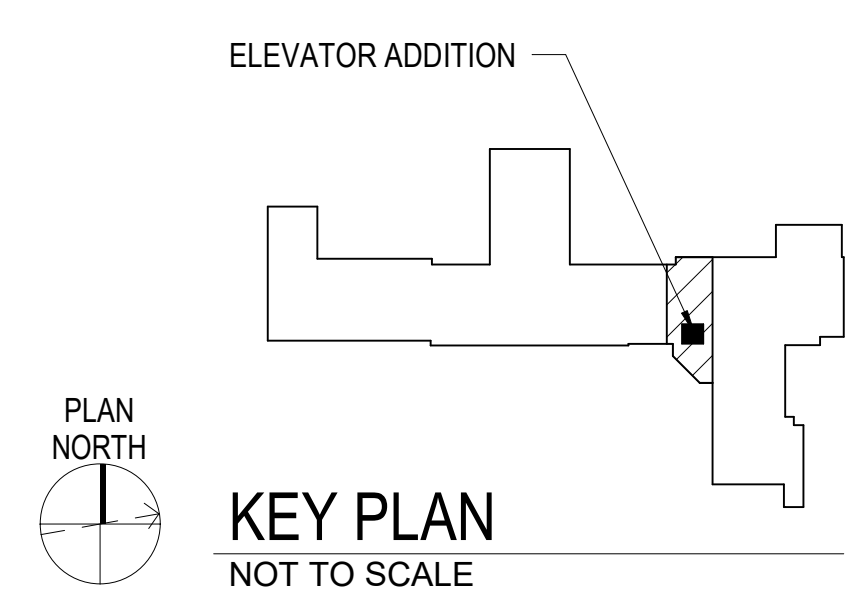
L P A  
LAWRENCE PERRY & ASSOCIATES  
Consulting Engineers  
111 E. Silver Street, Suite 101  
Roanoke, Virginia 24011  
Phone: (540) 344-3419  
Fax: (540) 344-3419  
© Lawrence Perry and Associates, Inc.



SECOND FLOOR PLAN - DEMOLITION - HVAC  
SCALE: 1/4" = 1'-0"



SECOND FLOOR PLAN - NEW WORK - HVAC  
SCALE: 1/4" = 1'-0"



2/27/2025 11:20:06 AM Autodesk Docs/2/195-18 HCPS Campbell Court ES/2410-63- HCPS Campbell Court ES - MECH - R24.v4

L P A

LAWRENCE PERRY & ASSOCIATES  
Consulting Engineers

12 E. Silver Avenue, Suite 101  
Roanoke, Virginia 24011  
Phone: (540) 344-3419  
Fax: (540) 344-3419  
Columb. No.: 24107-03  
© Lawrence Perry and Associates, Inc.

DATE	MARK	DATE	BY	DESCRIPTION
21195-18	FLM			
21195-18	FLM			
21195-18	FLM			

DATE	21195-18	FLM	FLM	FLM
PROJECT	21195-18	FLM	FLM	FLM
DESIGNED	21195-18	FLM	FLM	FLM
DRAWN	21195-18	FLM	FLM	FLM
CHECKED	21195-18	FLM	FLM	FLM

RRMM

ARCHITECTS, P.C.

28 West Church Ave  
Roanoke, Virginia  
(540)344-1212 / fax (540)344-1321

COMMONWEALTH OF VIRGINIA

02/28/25

CRDNEY D. FANNING

Lic. No. 034568

PROFESSIONAL ENGINEER

PROJECT

HENRY COUNTY PUBLIC SCHOOLS  
CAMPBELL COURT E.S. ELEVATOR ADDITION  
220 CAMPBELL CT  
BASSETT, VA 24055






















DRAWING

SECOND FLOOR DEMOLITION & NEW WORK PLANS - HVAC

SHEET

M-102



ELECTRICAL LEGEND - LOW VOLTAGE		
MTG. HGT.	SYMBOL	DESCRIPTION
1'-8" TO TOP		COMMUNICATION (DATA AND/OR VOICE) OUTLET, WALL.
		WIRELESS ACCESS POINT (WAP), CEILING MOUNTED.
8'-0" TO TOP		WIRELESS ACCESS POINT (WAP), WALL MOUNTED.
LOW-VOLTAGE CABLES:		
10 B118	TEXT BESIDE DEVICE INDICATES LOW-VOLTAGE CABLING AS FOLLOWS: RIGHT OF COLOR = ROOM NUMBER OF MDF OR IDF CLOSETS FROM WHICH CABLES ORIGINATE. LEFT OF COLOR = CABLE QUANTITY(S) AND TYPE(S) AS FOLLOWS:	
#C = SECURITY CAMERA CABLES.	PLENUM RATED UTP CATEGORY 6 WITH PANDUIT MINI-COM CONNECTORS ON BOTH ENDS, UNLESS NOTED OTHERWISE IN DIVISION 27 OR 28 SPECIFICATIONS, ON THE DRAWINGS, OR REQUIRED BY OWNER.	
#CR = CARD READER CABLE.	PLENUM RATED UTP CATEGORY 6 WITH PANDUIT MINI-COM CONNECTORS ON BOTH ENDS, UNLESS NOTED OTHERWISE IN DIVISION 27 OR 28 SPECIFICATIONS, ON THE DRAWINGS, OR REQUIRED BY OWNER.	
#D = DATA CABLE.	PLENUM RATED UTP CATEGORY 6 WITH PANDUIT MINI-COM CONNECTORS ON BOTH ENDS, UNLESS NOTED OTHERWISE DIVISION 27 OR 28 SPECIFICATIONS, ON THE DRAWINGS, OR REQUIRED BY OWNER.	
ELECTRICAL LEGEND - SECURITY		
MTG. HGT.	SYMBOL	DESCRIPTION
		SECURITY SYSTEM (CCTV SURVEILLANCE) VIDEO CAMERA, CEILING.
8'-0" TO TOP		SECURITY SYSTEM (CCTV SURVEILLANCE) VIDEO CAMERA, WALL.
4'-0" TO TOP		ACCESS CONTROL SYSTEM CARD READER OR KEYPAD, WALL.
ELECTRICAL LEGEND - FIRE ALARM		
MTG. HGT.	SYMBOL	DESCRIPTION
	ERC,  DR	SMOKE DETECTOR, CEILING. "ERC" = ELEVATOR RECALL. "DR" = DOOR REELEASE.
		HEAT DETECTOR, CEILING.
4'-0" TO TOP		FIRE ALARM MANUAL PULL STATION, WALL.
8'-0" TO TOP	 <sub>30</sub>	FIRE ALARM HORN OR SPEAKER (AS INDICATED IN SPECIFICATIONS) WITH INTEGRAL VISUAL DEVICE, WALL. NUMBER INDICATES VISUAL DEVICE MINIMUM CANDELA RATING.
8'-0" TO TOP	 <sub>30</sub>	FIRE ALARM VISUAL DEVICE, WALL. NUMBER INDICATES VISUAL DEVICE MINIMUM CANDELA RATING.
	 <sub>30</sub>	FIRE ALARM HORN OR SPEAKER (AS INDICATED IN SPECIFICATIONS) WITH INTEGRAL VISUAL DEVICE, CEILING. NUMBER INDICATES VISUAL DEVICE MINIMUM CANDELA RATING.
	 <sub>30</sub>	FIRE ALARM VISUAL DEVICE, CEILING. NUMBER INDICATES VISUAL DEVICE MINIMUM CANDELA RATING.
		FIRE ALARM HORN OR SPEAKER (AS INDICATED IN SPECIFICATIONS), CEILING.
ELECTRICAL LEGEND - POWER DEVICES		
MTG. HGT.	SYMBOL	DESCRIPTION
1'-8" TO TOP	 E,TR,SS,H, R,C,U,WP	RECEPTACLE, DUPLEX, WALL, ALPHA-NUMERIC OR NUMERIC SUBSCRIPT, WHERE SHOWN, INDICATES CIRCUIT. "E" = EMERGENCY RECEPTACLE (RED IN COLOR). "TR" = TAMPER RESISTANT RECEPTACLE. "SS" = SURGE SUPPRESSOR RECEPTACLE. "H" = HORIZONTALLY MOUNTED. "R" = RECESSED RECEPTACLE WALL BOX. "C" = LOAD CONTROLLED RECEPTACLE VIA OCCUPANCY SENSOR AND RELAY PANEL. "U" = COMBINATION DUPLEX RECEPTACLE AND DUAL USB OUTLETS. "WP" = WHILE-IN-USE WEATHER-PROOF COVER PLATE.
1'-8" TO TOP	 E,SS,H,R, C,U,WP	RECEPTACLE, DUPLEX TAMPER RESISTANT, WALL, ALPHA-NUMERIC OR NUMERIC SUBSCRIPT, WHERE SHOWN, INDICATES CIRCUIT. "E" = EMERGENCY RECEPTACLE (RED IN COLOR). "SS" = SURGE SUPPRESSOR RECEPTACLE. "H" = HORIZONTALLY MOUNTED. "R" = RECESSED RECEPTACLE WALL BOX. "C" = LOAD CONTROLLED RECEPTACLE VIA OCCUPANCY SENSOR AND RELAY PANEL. "U" = COMBINATION DUPLEX RECEPTACLE AND DUAL USB OUTLETS. "WP" = WHILE-IN-USE WEATHER-PROOF COVER PLATE.
1'-8" TO TOP	 E,TR,H,R,WP	RECEPTACLE, DUPLEX GFCI, WALL, ALPHA-NUMERIC OR NUMERIC SUBSCRIPT, WHERE SHOWN, INDICATES CIRCUIT. "E" = EMERGENCY RECEPTACLE (RED IN COLOR). "TR" = TAMPER RESISTANT RECEPTACLE. "SS" = SURGE SUPPRESSOR RECEPTACLE. "H" = HORIZONTALLY MOUNTED. "R" = RECESSED RECEPTACLE WALL BOX. "WP" = WHILE-IN-USE WEATHER-PROOF COVER PLATE.
1'-8" TO TOP	 E,TR,SS, R,C,U,WP	RECEPTACLES, TWO DUPLEX (QUAD) IN A TWO GANG OUTLET BOX, WALL, ALPHA-NUMERIC OR NUMERIC SUBSCRIPT, WHERE SHOWN, INDICATES CIRCUIT. "E" = EMERGENCY RECEPTACLE (RED IN COLOR). "TR" = TAMPER RESISTANT RECEPTACLE. "SS" = SURGE SUPPRESSOR RECEPTACLE. "H" = HORIZONTALLY MOUNTED. "R" = RECESSED RECEPTACLE WALL BOX. "C" = LOAD CONTROLLED RECEPTACLE VIA OCCUPANCY SENSOR AND RELAY PANEL. "U" = COMBINATION DUPLEX RECEPTACLE AND DUAL USB OUTLETS. "WP" = WHILE-IN-USE WEATHER-PROOF COVER PLATE.
1'-8" TO TOP	 D,R	RECEPTACLE, SPECIAL PURPOSE, WALL. D = CLOTHES DRYER (NEMA 14-30R). R = RANGE (NEMA 14-50R). UNLESS OTHER NEMA TYPE IS NOTED ON DRAWINGS OR IN SPECIFICATIONS.
1'-8" TO TOP		JUNCTION BOX, WALL.
		JUNCTION BOX, CEILING.

ELECTRICAL LEGEND - LIGHTING		
MTG. HGT.	SYMBOL	DESCRIPTION
		LIGHTING FIXTURE TYPE DESIGNATION.
		LIGHTING FIXTURE, LED, CEILING MOUNTED. SYMBOL SIZE VARIES WITH LIGHTING FIXTURE TYPE.
		LIGHTING FIXTURE, LED, CEILING MOUNTED CONNECTED ON EMERGENCY CIRCUIT. (TYPICAL FOR ALL LIGHTING FIXTURES WITH SOLID FILL OR WITH 'E' DESIGNATION)
		LIGHTING FIXTURE, LED, WALL MOUNTED. SYMBOL SIZE VARIES WITH LIGHTING FIXTURE TYPE. WALL MOUNTED AS NOTED IN LIGHT FIXTURE SCHEDULE OR ON DRAWINGS.
		LIGHTING FIXTURE, LED, CEILING MOUNTED.
7'-6" TO CENTER		EMERGENCY LIGHTING UNIT, SELF-CONTAINED, SURFACE WALL MOUNTED WITH INTEGRAL BATTERY AND UNIT MOUNTED LIGHTING HEADS.
		LED EXIT SIGN, CEILING MOUNTED. SHADED QUADRANT(S) INDICATES FACE(S). PROVIDE ARROWS AS INDICATED ON DRAWINGS. LIGHTING FIXTURE TYPES "X1 & X2", UNO.
7'-6" TO BOTTOM, UNO		LED EXIT SIGN, WALL MOUNTED. SHADED QUADRANT(S) INDICATES FACE(S). PROVIDE ARROWS AS INDICATED ON DRAWINGS. LIGHTING FIXTURE TYPES "X3 & X4", UNO.

ELECTRICAL LEGEND - GENERAL		
MTG. HGT.	SYMBOL	DESCRIPTION
		PLAN NOTE DESIGNATION.
	NLA1A-3	CIRCUIT DESIGNATION. DESIGNATION SHOWN INDICATES PANEL NLA1A AND CIRCUIT NUMBER 3.
NOTES (ELECTRICAL LEGEND):		
1. THESE ARE STANDARD ELECTRICAL SYMBOLS AND MAY NOT ALL APPEAR ON THE PROJECT DRAWINGS. HOWEVER, WHEREVER AN ELECTRICAL SYMBOL APPEARS ON THE PROJECT DRAWINGS, THE ITEM SHALL BE FURNISHED AND INSTALLED.		
2. MOUNTING HEIGHTS NOTE IN THIS SCHEDULE ARE FROM FINISHED FLOOR TO TOP OF OUTLET OR EQUIPMENT, UNO, WHERE THE MOUNTING HEIGHT INDICATED ON THE DRAWINGS IS DIFFERENT FROM THE LEGEND, THE DRAWING TAKES PRECEDENT. SEE DRAWINGS FOR MOUNTING HEIGHTS NOT INDICATED IN THE LEGEND. MOUNTING HEIGHT NOTED ON THE DRAWINGS ARE FROM FINISHED FLOOR TO TOP OF DEVICE.		
3. SEE ELECTRICAL ABBREVIATIONS FOR ALPHABETIC SUBSCRIPT WITH SYMBOL, UNO.		
4. REFER TO DETAILS ON DRAWINGS FOR ADDITIONAL INFORMATION.		

ELECTRICAL LEGEND - POWER EQUIPMENT		
MTG. HGT.	SYMBOL	DESCRIPTION
		ELECTRIC MOTOR CONNECTION
6'-0" TO TOP		208/120 VOLT SURFACE OR FLUSH MOUNTED PANELBOARD.
6'-0" TO TOP		480/277 VOLT SURFACE OR FLUSH MOUNTED PANELBOARD.
5'-0" TO TOP		NON-FUSIBLE SAFETY SWITCH, WALL OR EQUIPMENT MOUNTED. "S" DENOTES TOGGLE SWITCH TYPE.
5'-0" TO TOP		NON-FUSIBLE SAFETY SWITCH, WALL OR EQUIPMENT MOUNTED. NUMBER INDICATES SAFETY SWITCH 3-POLE/60 AMP RATING.
5'-0" TO TOP		FUSIBLE SAFETY SWITCH, WALL OR EQUIPMENT MOUNTED. NUMBER INDICATES SAFETY SWITCH 3-POLE/60 AMP RATINGS/45 AMP FUSES.

ELECTRICAL LEGEND - RESCUE ASSISTANCE		
MTG. HGT.	SYMBOL	DESCRIPTION
4'-0" TO TOP		2-WAY EMERGENCY COMMUNICATION SYSTEM - CALL STATION, FLUSH WALL MOUNTED.
5'-0" TO TOP		2-WAY EMERGENCY COMMUNICATION SYSTEM - MASTER STATION, FLUSH WALL MOUNTED.

ELECTRICAL ABBREVIATIONS			
A OR AMP	AMPERE	KWH	KILOWATT-HOUR
ABV	ABOVE	LED	LIGHT EMITTING DIODE
AC	ALTERNATING CURRENT	LIGHTS	LIGHTS
AF OR AFI	ARC FULF INTERRUPTER	LUM	LUMENS OR LUMINAIRE
AFF	ABOVE FINISHED FLOOR	MAG	MAGNETIC
AIC	AMPERES INTERRUPTING CAPACITY	MAN	MANUAL
AL	ALUMINUM	MCA	MINIMUM CIRCUIT AMPACITY
ATS	AUTOMATIC TRANSFER SWITCH	MCB	MAIN CIRCUIT BREAKER
AWG	AMERICAN WIRE GAGE	MCC	MOTOR CONTROL CENTER
BEL	BELOW	MCM	THOUSAND CIRCULAR MILS
BOT	BOTTOM	MDF	MAIN DISTRIBUTION FRAME
BKRK	BREAKER	MFG	MOTOR/GENERATOR
CABLE	CABLE	MIG	METAL HALIDE OR MOUNTING HEIGHT
CB	CIRCUIT BREAKER	MIN	MINIMUM
CKT	CIRCUIT	MLO	MAIN LUGS ONLY
CLS	CEILING	MOP	MAXIMUM OVER CURRENT PROTECTION
CND	CONDUIT	MOUNTED	MOUNTED
CNTR	CENTER	MTG	MOUNTING
COMB	COMBINATION	MTR	METER
COND	CONDUCTOR	N	N OR NORM
CONN	CONNECTION	NEC	NATIONAL ELECTRICAL CODE
CONT	CONTACTOR	NEUT	NEUTRAL
COPTR	COPPER	NFSS	NON-FUSIBLE SAFETY SWITCH
DC	DIRECT CURRENT	NO	NUMBER
DM	DIMENSION	OH	OVERHEAD
DISC	DISCONNECT	P	POLE
DIV.	DIVISION	PH	PULL BOX OR PUSHBUTTON
DWG	DRAWING	PI	PHASE
E OR EMER	EMERGENCY	PNL	PANEL OR PANELBOARD
EGC	EQUIPMENT GROUNDING EQUIPMENT	PNLBRD	PANELBOARD
EL	EXIST RELOCATED TO THIS LOCATION	PRI	PRIMARY
ELEC	ELECTRIC OR ELECTRICAL	PVC	POLYVINYL CHLORIDE
ELEV	ELEVATOR	PWR	POWER
EM	EXIST REMOVED	QTY	QUANTITY
EML	EXIST REMOVED AND RELOCATED	REC	RECEPTACLE
ENH	EXIST REMOVED AND NEW INSTALLED	REG	RIGID GALVANIZED STEEL CONDUIT
ENT	ELECTRICAL METALLIC TUBING	SIO	SPACE ONLY
ENCL	ENCLOSURE	SIO	SHORT CIRCUIT CURRENT RATING
ENG	ENGINE	SEC	SECONDARY
EQUIP	EQUIPMENT	SN	SOLID NEUTRAL
FR	EXIT TO REMAIN	SP	SPECIAL PURPOSE
ERC	ELEVATOR RECALL	SPO	SURGE PROTECTIVE DEVICE
EXIST	EXISTING	SPEAKR	SPEAKER
EXT	EXTERIOR	SS	SURGE SUPPRESSOR
FA	FIRE ALARM	STR	STARTER
FACP	FIRE ALARM CONTROL PANEL	SW	SWITCH
FACU	FIRE ALARM CONTROL UNIT	SWBD	SWITCHBOARD
FDR	FEEDER	SWR	SWITCHGEAR
FC	FOOTCANDLE	SYMR	SYMMETRICAL
FSD	FIRE/SMOKE DAMPER	T	TAMPER RESISTANT
FSS	FUSIBLE SAFETY SWITCH	TEL	TELEPHONE
FXTR	FIXTURE	TR	TAMPER RESISTANT
GEN	GENERATOR	TYP	TYPICAL
GF OR GFI	GROUND FAULT INTERRUPTER	UC	UNDERCOUNTER
GFP	GROUND FAULT PROTECTION/PROTECTED	UL	UNDERFLOOR
GND	GROUND	UG	UNDERGROUND
H OR HOR	HORIZONTAL	UL	UNDERWRITERS' LABORATORIES
HGT	HEIGHT	UNLESS NOTED OTHERWISE	
HP	HORSEPOWER OR HEAT PUMP	V	VOLT
HTR	HEATER	VA	VOLT-AMPERE
HZ	HERTZ	VERT	VERTICAL
IDF	INTERMEDIATE DISTRIBUTION FRAME	W	WATT OR WIRE
JB	JUNCTION BOX	WG	WIRE GUARD
KMIL	THOUSAND CIRCULAR MILS	WP	WEATHERPROOF
KO	KNOCKOUT	XFMR	TRANSFORMER
KVOLT	KILOVOLT		
KVA	KILOVOLT-AMPERE		
KV	KILOVOLT		
KW	KILOWATT		

NOTE (ELECTRICAL ABBREVIATIONS):  
1. ALL ABBREVIATIONS LISTED MAY NOT APPLY TO THIS PROJECT. REFER TO OTHER ABBREVIATION LISTS ELSEWHERE IN THESE DOCUMENTS FOR ABBREVIATIONS NOT LISTED HERE.

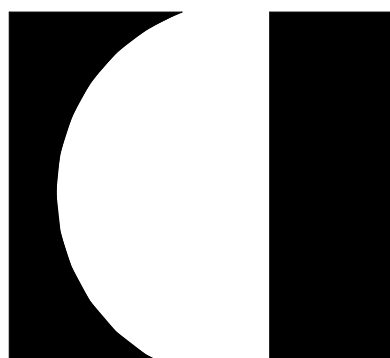
GENERAL DEMOLITION NOTES:

- SCOPE: THE SCOPE OF ELECTRICAL DEMOLITION IS DEFINED IN THE FOLLOWING NOTES AND IN LIMITED FASHION ON THE DRAWINGS. THE DRAWINGS ARE ONLY INTENDED TO BE A PARTIAL REPRESENTATION OF THE ACTUAL DEMOLITION WORK REQUIRED. THESE NOTES ONLY APPLY TO THE AREAS OF RENOVATION. IN GENERAL, THE DEMOLITION SCOPE IS THE REMOVAL OF ALL EXISTING ELECTRICAL SYSTEMS IN THE AREAS OF RENOVATION, EXCEPT AS NOTED OTHERWISE IN THESE NOTES AND ON THE DRAWINGS.
  - ELECTRICAL SERVICE: THE EXISTING ELECTRICAL SERVICE SHALL BE USED WHILE A NEW ELECTRICAL SERVICE IS BEING INSTALLED. SOME DOWNTIME WILL LIKELY STILL BE REQUIRED. ALL ELECTRICAL SERVICE DOWNTIME REQUIRED SHALL BE COORDINATED WITH OWNER AND SHALL BE AT THE OWNER'S CONVENIENCE. DOWNTIME SHALL BE KEPT TO THE MINIMUM. ANY EXTENDED DOWNTIME REQUIRED SHALL BE COORDINATED WITH OWNER AND SHALL BE OUTSIDE OF NORMAL SCHOOL HOURS.
  - PANELBOARDS: REMOVE ALL EXISTING PANELBOARDS, UNLESS NOTED OTHERWISE, AND REPLACE WITH NEW PANELBOARDS. HOWEVER, NOTE THAT THE EXISTING PANELBOARDS SHALL REMAIN IN PLACE AND OPERATIONAL UNTIL THE NEW SWITCHBOARD AND THE NEW DRY-TYPE TRANSFORMER ARE INSTALLED.
  - DEVICES (RECEPTACLES, LIGHTING CONTROLS, ETC.):
    - WHERE DEVICES ARE NOTED TO BE DEMOLISHED:
      - FLUSH MOUNTED DEVICES TO BE REMOVED FROM NOT REPLACED IN PLACE) OCCUR IN EXISTING WALLS TO REMAIN: REMOVE DEVICE. REMOVE COVER PLATE. REMOVE WIRES BACK TO UP STREAM DEVICE. HOMERUN JUNCTION BOX, OR PANELBOARD. PROVIDE NEW BLANK COVER PLATE, WHICH SHALL MATCH COVER PLATES FOR NEW WORK OR IF NO NEW WORK THEN SHALL MATCH EXISTING COVER PLATES
      - WHERE EXISTING WIRING AT DEVICE IS UP STREAM OF OTHER DOWN STREAM DEVICES, REWORK THE EXISTING WIRING TO REMOVE THE DEVICE, BUT TO MAINTAIN CIRCUIT CONTINUITY TO THE DOWN STREAM DEVICES. PROVIDE ALL REQUIRED MATERIALS TO REWORK THE EXISTING WIRING.
      - FLUSH MOUNTED DEVICES TO BE REMOVED THAT OCCUR IN EXISTING WALLS TO BE REMOVED: REMOVE DEVICE. REMOVE COVER PLATE. REMOVE WIRES BACK TO UP STREAM DEVICE. HOMERUN JUNCTION BOX, OR PANELBOARD. REMOVE ASSOCIATED BOX; AND REMOVE CONDUIT. ANY CONDUIT NOT IN THESE NOTES SHALL BE CUT AND LEFT ABANDONED IN THE EXISTING WALLS.
        - WHERE THE EXISTING DEVICE IS THE FIRST DEVICE THAT THE HOMERUN CIRCUIT LANDS TO AND THEN FEEDS OTHER DOWN STREAM DEVICES:
          - WHERE THE EXISTING HOMERUN CIRCUIT IS ROUTED OVERHEAD: CAPTURE THE EXISTING HOMERUN CIRCUIT (CONDUIT AND WIRING) OVERHEAD BEFORE IT TURNS DOWN INTO THE EXISTING WALL BEING DEMOLISHED.
          - WHERE THERE IS AN EXISTING HOMERUN JUNCTION BOX IN THE CEILING BEFORE IT TURNS DOWN TO THE FIRST DEVICE: REMOVE THE CONDUIT AND WIRING BETWEEN THE FIRST DEVICE AND THE HOME RUN JUNCTION BOX. THEN PROVIDE NEW CONDUIT AND WIRING TO MATCH EXISTING) FROM THE EXISTING HOMERUN JUNCTION BOX TO THE NEXT DEVICE DOWN STREAM OF THE FIRST DEVICE (THAT WAS REMOVED) AND RECONNECT THE WIRING.
        - WHERE THE HOMERUN CIRCUIT EXTENDS FROM THE PANEL ALL THE WAY TO THE FIRST DEVICE: PULL OUT THE EXISTING WIRING FROM THE EXISTING CONDUIT. CUT THE CONDUIT UP ABOVE THE ACCESSIBLE CEILING SPACE. PROVIDE A NEW JUNCTION BOX ON THE END OF THE EXISTING CONDUIT. PROVIDE NEW CONDUIT AND WIRING (TO MATCH EXISTING) FROM THE NEW HOMERUN JUNCTION BOX TO THE NEXT DEVICE DOWN STREAM OF THE FIRST DEVICE (THAT WAS REMOVED) AND RECONNECT THE WIRING. MAINTAIN CIRCUIT CONTINUITY TO DOWN STREAM DEVICES.
      - WHERE EXISTING WALLS ARE NOT ACCESSIBLE TO RUN NEW HARD CONDUIT DOWN WITHIN THE EXISTING WALLS PROVIDE AND UTILIZE MC CABLE TO FISH DOWN WITHIN THE EXISTING WALLS. WHERE EXISTING WALLS AND EXISTING RECESSED WALL BOXES DO NOT ALLOW FOR HARD CONDUIT OR MC CABLE THEN PROVIDE SURFACE RACEWAY (TWO PIECE SINGLE-CHANNEL) TO BE ROUTED FROM THE CEILING DOWN TO THE NEXT DEVICE DOWN STREAM. PROVIDE A SURFACE MOUNTED BOX TO COVER THE EXISTING RECESSED WALL BOX, WHERE SIZE OF SURFACE BOX WILL ACCOMMODATE THE NEW DEVICE AND BE ABLE TO CONNECT TO THE EXISTING WIRING WITHIN THE EXISTING RECESSED WALL BOX. COORDINATE WITH ARCHITECT FOR ANY LOCATIONS THAT SURFACE RACEWAY WILL BE USED. ALSO COORDINATE ALL SURFACE RACEWAY AROUND ANY NEW OR EXISTING EQUIPMENT, DEVICES, MARKERBOARDS, SMARTBOARDS, CABINETS, ETC. ON THE EXISTING WALLS (NOTE THAT THIS COULD RESULT IN LONGER RUNS OF SURFACE RACEWAY TO AVOID THESE OBSTACLES).
    - WHERE THE EXISTING DEVICE IS DOWNSTREAM (AT THE END) OF ALL UPSTREAM DEVICES: REMOVE THE WIRING BETWEEN THE REMOVED DEVICE AND THE HOMERUN JUNCTION BOX ABOVE THE SLAB OR THE PANELBOARD. CUT CONDUIT FLUSH WITH FINISHED FLOOR AND FILL WITH GROUT AND FINISH TO MATCH EXISTING FLOOR SURFACE. PROVIDE NEW CONDUIT AND WIRING (TO MATCH EXISTING) FROM EITHER THE FIRST EXISTING HOMERUN JUNCTION BOX ABOVE THE SLAB OR FROM THE EXISTING PANELBOARD TO THE NEXT DEVICE DOWN STREAM OF THE FIRST DEVICE (THAT WAS REMOVED) AND RECONNECT THE WIRING. MAINTAIN CIRCUIT CONTINUITY TO DOWN STREAM DEVICES.
      - WHERE EXISTING WALLS ARE NOT ACCESSIBLE TO RUN NEW HARD CONDUIT DOWN WITHIN THE EXISTING WALLS PROVIDE AND UTILIZE MC CABLE TO FISH DOWN WITHIN THE EXISTING WALLS. WHERE EXISTING WALLS AND EXISTING RECESSED WALL BOXES DO NOT ALLOW FOR HARD CONDUIT OR MC CABLE THEN PROVIDE SURFACE RACEWAY (TWO PIECE SINGLE-CHANNEL) TO BE ROUTED FROM THE CEILING DOWN TO THE NEXT DEVICE DOWN STREAM. PROVIDE A SURFACE MOUNTED BOX TO COVER THE EXISTING RECESSED WALL BOX, WHERE SIZE OF SURFACE BOX WILL ACCOMMODATE THE NEW DEVICE AND BE ABLE TO CONNECT TO THE EXISTING WIRING WITHIN THE EXISTING RECESSED WALL BOX. COORDINATE WITH ARCHITECT FOR ANY LOCATIONS THAT SURFACE RACEWAY WILL BE USED. ALSO COORDINATE ALL SURFACE RACEWAY AROUND ANY NEW OR EXISTING EQUIPMENT, DEVICES, MARKERBOARDS, SMARTBOARDS, CABINETS, ETC. ON THE EXISTING WALLS (NOTE THAT THIS COULD RESULT IN LONGER RUNS OF SURFACE RACEWAY TO AVOID THESE OBSTACLES).
  - WHERE THE EXISTING DEVICE IS IN BETWEEN (UP STREAM AND DOWN STREAM) DEVICES: REMOVE THE WIRING BETWEEN THE REMOVED DEVICE AND THE DEVICES UP STREAM AND DOWN STREAM. REMOVE PORTIONS OF EXISTING CONDUIT THAT ARE EXPOSED. ANY CONDUIT NOT ACCESSIBLE SHALL BE CUT AND LEFT ABANDONED IN THE EXISTING WALLS. WHERE EXISTING WALLS AND EXISTING RECESSED WALL BOXES DO NOT ALLOW FOR HARD CONDUIT OR MC CABLE THEN PROVIDE SURFACE RACEWAY (TWO PIECE SINGLE-CHANNEL) TO BE ROUTED FROM THE CEILING DOWN TO THE NEXT DEVICE DOWN STREAM. PROVIDE A SURFACE MOUNTED BOX TO COVER THE EXISTING RECESSED WALL BOX, WHERE SIZE OF SURFACE BOX WILL ACCOMMODATE THE NEW DEVICE AND BE ABLE TO CONNECT TO THE EXISTING WIRING WITHIN THE EXISTING RECESSED WALL BOX. COORDINATE WITH ARCHITECT FOR ANY LOCATIONS THAT SURFACE RACEWAY WILL BE USED. ALSO COORDINATE ALL SURFACE RACEWAY AROUND ANY NEW OR EXISTING EQUIPMENT, DEVICES, MARKERBOARDS, SMARTBOARDS, CABINETS, ETC. ON THE EXISTING WALLS (NOTE THAT THIS COULD RESULT IN LONGER RUNS OF SURFACE RACEWAY TO AVOID THESE OBSTACLES).
  - WHERE THE EXISTING DEVICES IS DOWNSTREAM (AT THE END) OF ALL UPSTREAM DEVICES: REMOVE THE WIRING BETWEEN THE REMOVED DEVICE AND THE UP STREAM DEVICE. REMOVE PORTIONS OF EXISTING CONDUIT THAT ARE EXPOSED. ANY CONDUIT NOT ACCESSIBLE SHALL BE CUT AND LEFT ABANDONED IN THE EXISTING WALLS.
    - SURFACE MOUNTED DEVICES TO BE REMOVED OCCUR ON EXISTING WALLS TO REMAIN: REMOVE DEVICE. COVERPLATE. WIRES BACK TO UPSTREAM DEVICE. HOMERUN JUNCTION BOX, OR PANELBOARD. ASSOCIATED EXPOSED BOXES; CONDUIT AND SURFACE RACEWAY
    - WHERE THE EXISTING DEVICE IS THE FIRST DEVICE THAT THE HOMERUN CIRCUIT LANDS TO AND THEN FEEDS OTHER DOWN STREAM DEVICES: REFER TO 7.A.b.1.A & 7.A.b.1.B ABOVE FOR SIMILAR DIRECTION.
    - WHERE THE EXISTING DEVICE IS IN BETWEEN (UP STREAM AND DOWN STREAM) DEVICES: REFER TO 7.A.b.2 ABOVE FOR SIMILAR DIRECTION.
    - WHERE THE EXISTING DEVICE IS DOWNSTREAM (AT THE END) OF ALL UPSTREAM DEVICES: REFER TO 7.A.b.3 ABOVE FOR SIMILAR DIRECTION.
    - FLOOR DEVICES TO BE REMOVED OCCURRING ON EXISTING FLOORS TO REMAIN: REMOVE DEVICE, FLOOR BOX. WIRES BACK TO UPSTREAM DEVICE; HOMERUN JUNCTION BOX, OR PANELBOARD. ASSOCIATED EXPOSED BOXES; CONDUIT AND SURFACE RACEWAY. FILL HOLE WITH GROUT AND FINISH TO MATCH EXISTING FLOOR SURFACE.
      - WHERE THE EXISTING DEVICE IS THE FIRST DEVICE THAT THE HOMERUN CIRCUIT LANDS TO AND THEN FEEDS OTHER DOWN STREAM DEVICES: CUT CONDUIT ON BOTH SIDES OF THE FLOOR BOX. REMOVE THE FLOOR BOX. JOIN BOTH ENDS OF THE EXISTING CONDUIT WITH A NEW PIECE OF CONDUIT (TO MATCH EXISTING). REFER TO 7.A.b.1.A & 7.A.b.2.B ABOVE FOR SIMILAR DIRECTION ON WIRING.
      - WHERE THE EXISTING DEVICE IS IN BETWEEN (UP STREAM AND DOWN STREAM) DEVICES: CUT CONDUIT ON BOTH SIDES OF THE FLOOR BOX. REMOVE THE FLOOR BOX. JOIN BOTH ENDS OF THE EXISTING CONDUIT WITH A NEW PIECE OF CONDUIT (TO MATCH EXISTING). REFER TO 7.A.b.1.2 ABOVE FOR SIMILAR DIRECTION ON THE WIRING.
      - WHERE THE EXISTING DEVICE IS DOWNSTREAM (AT THE END) OF ALL UPSTREAM DEVICES: CUT CONDUIT AND CAP THE END OF THE CONDUIT BELOW THE SLAB. REFER TO 7.A.b.3 ABOVE FOR SIMILAR DIRECTION.
    - WHERE UTILIZING AN EXISTING WALL BOX FOR A NEW DEVICE AND THE EXISTING WALL BOX DO NOT COMPLY WITH ADA MOUNTING HEIGHTS: EITHER MOVE THE EXISTING RECESSED WALL BOX DOWN TO THE CORRECT MOUNTING HEIGHT, OR PROVIDE A BLANK COVER PLATE ON THE EXISTING RECESSED WALL BOX AND THEN INSTALL A NEW RECESSED WALL BOX FOR THE NEW LIGHTING CONTROLS, OR PROVIDE A SURFACE MOUNTED BOX TO COVER THE EXISTING RECESSED WALL BOX WHERE SIZE OF SURFACE MOUNTED BOX WILL ACCOMMODATE THE LIGHTING CONTROLS AND BE ABLE TO CONNECT TO THE EXISTING LINE-VOLTAGE OR NEW LOW-VOLTAGE WIRING WITHIN THE EXISTING RECESSED WALL BOX.
  - WHERE EXISTING WALLS ARE NOT ACCESSIBLE TO RUN NEW HARD CONDUIT DOWN WITHIN THE EXISTING WALLS PROVIDE AND UTILIZE MC CABLE TO FISH DOWN WITHIN THE EXISTING WALLS. WHERE EXISTING WALLS AND EXISTING RECESSED WALL BOXES DO NOT ALLOW FOR HARD CONDUIT OR MC CABLE THEN PROVIDE SURFACE RACEWAY (TWO PIECE SINGLE-CHANNEL) TO BE ROUTED FROM THE CEILING DOWN TO THE NEXT DEVICE DOWN STREAM. COORDINATE WITH ARCHITECT FOR ANY LOCATIONS THAT SURFACE RACEWAY WILL BE USED. ALSO COORDINATE ALL SURFACE RACEWAY AROUND ANY NEW OR EXISTING EQUIPMENT, DEVICES, MARKERBOARDS, SMARTBOARDS, UPPER CABINETS, ETC. ON THE EXISTING WALLS (NOTE THAT THIS COULD RESULT IN LONGER RUNS OF SURFACE RACEWAY TO AVOID THESE OBSTACLES).
- RECEPTACLES: ALL EXISTING RECEPTACLES AND BRANCH CIRCUITS TO THE EXISTING RECEPTACLES SHALL BE DEMOLISHED AND REPLACED WITH NEW, UNLESS NOTED OTHERWISE TO KEEP. REFER TO DEVICES ABOVE FOR ADDITIONAL DEMOLITION NOTES.
- CONDUIT: WHERE EXISTING CONDUIT IS EXPOSED DUE TO DEMOLITION OF WALLS, CONDUIT SHALL BE REMOVED, UNLESS INDICATED TO REMAIN OR NECESSARY TO MAINTAIN SERVICE TO EXISTING ITEMS TO REMAIN. WHERE CONDUIT RISES FROM FLOOR TO FEED REMOVED ITEMS, CUT CONDUIT FLUSH WITH FLOOR AND FILL IT WITH GROUT. FINISH TO MATCH FLOOR SURFACE. ALL ACCESSIBLE UNUSED CONDUIT SHALL BE REMOVED. ALL INACCESSIBLE UNUSED CONDUIT SHALL BE ABANDONED. ALL CONDUIT TO NEW DEVICES AND EQUIPMENT SHALL BE NEW, UNLESS NOTED OTHERWISE.
- WIRING: ALL WIRING TO DEMOLISHED DEVICES AND EQUIPMENT SHALL BE REMOVED, UNLESS NOTED OTHERWISE. ALL EXISTING WIRING TO EXISTING-TO-REMAIN DEVICES AND EQUIPMENT SHALL REMAIN, UNLESS NOTED OTHERWISE. SOME DEMOLITION ITEMS ARE AFFECTED BY ADD ALTERNATES, AS INDICATED IN THE DISPOSITION FROM THE SITE. DISPOSAL OF ALL EQUIPMENT CONTAINING HAZARDOUS MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND THE COST OF DISPOSAL SHALL BE INCLUDED.
- MAINTAIN CIRCUIT CONTINUITY AS NECESSARY IN ALL DEMOLITION WORK.
- THE CONTRACTOR SHALL INFORM THE OWNER'S REPRESENTATIVE OF ELECTRICAL EQUIPMENT REMOVED FROM THE BUILDING. IF THE OWNER DESIRES TO RETAIN EQUIPMENT, THEY WILL REMOVE IT FROM THE SITE. ALL EQUIPMENT NOT RETAINED BY THE OWNER SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. DISPOSAL OF ALL EQUIPMENT CONTAINING HAZARDOUS MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND THE COST OF DISPOSAL SHALL BE INCLUDED.
- INFORMATION ON DEMOLITION DRAWINGS DOES NOT INDICATE ALL EXISTING EQUIPMENT AND DEVICES. REFER TO ARCHITECTURAL AND MECHANICAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING BID AND SHALL VERIFY ALL DEMOLITION REQUIRED. ADDITIONAL COMPENSATION WILL NOT BE ALLOWED FOR DEMOLITION DUE TO CONTRACTOR NOT VISITING SITE AND DETERMINING FULL SCOPE OF DEMOLITION REQUIRED.
- SEE THE DEMOLITION FLOOR PLANS FOR ADDITIONAL DEMOLITION REQUIREMENTS. ON THE DEMOLITION FLOOR PLANS AND RISERS, ALL DASHED ITEMS SHALL BE REMOVED AND ALL SOLID ITEMS SHALL REMAIN, UNLESS NOTED OTHERWISE. SOME DEMOLITION ITEMS ARE AFFECTED BY ADD ALTERNATES, AS INDICATED IN THE FLOOR PLANS. NEW WORK FLOOR PLANS MAY CONTAIN ADDITIONAL DEMOLITION INFORMATION IN SOME LOCATIONS.

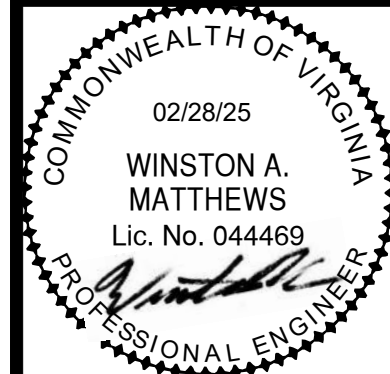
L P A  
LAWRENCE PERRY & ASSOCIATES  
Consulting Engineers  
11 E. Salem Avenue, Suite 101  
Roanoke, Virginia 24011  
Phone No.: 240.973.8333  
Fax: (800) 344-9410  
© Lawrence Perry and Associates, Inc.

DESCRIPTION		BY	
		MARK	DATE
		REVISIONS	

DATE	FEB 28, 2025	PROJECT	21195-18
DESIGNED	MAR	DRAWN	MAR
CHECKED	WAM		



RRMM  
ARCHITECTS,  
28 West Church Ave F  
Roanoke, Virginia  
(540)344-1212 / fax (540)344-1321



PROJECT  
HENRY COUNTY PUBLIC SCHOOLS  
CAMPBELL COURT E.S. ELEVATOR ADDITION  
220 CAMPBELL CT  
BASSETT, VA 24065

DRAWING  
ELECTRICAL LEGEND, ABBREVIATIONS AND NOTES

SHEET

E-001

MODIFIED PANEL G																						
VOLTAGE: 480Y/277V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES				MAIN: 200A MCB BUS RATING: 225A GROUND BUS: YES								INTEGRAL SPD: NO MOUNTING: FLUSH INTERRUPT RATING: 10,000 AIC										
CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	
1	UNKNOWN	203	-	-	-	-	-	-	-	-	2	EPB-2	-3	-	-	-	-	-	-	-	-	
3	UNKNOWN	-	-	-	-	-	-	-	-	-	4	EPB-2	-	-	-	-	-	-	-	-	-	
5	UNKNOWN	-	-	-	-	-	-	-	-	-	6	EPB-2	-	-	-	-	-	-	-	-	-	
7	OFFICE	703	-	-	-	-	N	-	-	-	8	UNKNOWN	-3	-	-	-	-	-	-	-	-	
9	OFFICE	-	-	-	-	-	N	-	-	-	10	UNKNOWN	-	-	-	-	-	-	-	-	-	
11	OFFICE	-	-	-	-	-	N	-	-	-	12	UNKNOWN	-	-	-	-	-	-	-	-	-	
13	EPB-7	-3	-	-	-	-	-	-	-	-	14	EPB-4	-3	-	-	-	-	-	-	-	-	
15	EPB-7	-	-	-	-	-	-	-	-	-	16	EPB-4	-	-	-	-	-	-	-	-	-	
17	EPB-7	-	-	-	-	-	-	-	-	-	18	EPB-4	-	-	-	-	-	-	-	-	-	
19	EPB-9	-3	-	-	-	-	-	-	-	-	20	OFFICE	-3	-	-	-	-	N	-	-	-	
21	EPB-9	-	-	-	-	-	-	-	-	-	22	OFFICE	-	-	-	-	-	N	-	-	-	
23	EPB-9	-	-	-	-	-	-	-	-	-	24	OFFICE	-	-	-	-	-	N	-	-	-	
25	COMPUTER LAB PANEL	1003	-	-	-	-	SF	-	-	-	26	AC UNIT TEACHERS LOUNGE	1003	-	-	-	-	A	-	-	-	
27	COMPUTER LAB PANEL	-	-	-	-	-	SF	-	-	-	28	AC UNIT TEACHERS LOUNGE	-	-	-	-	-	A	-	-	-	
29	COMPUTER LAB PANEL	-	-	-	-	-	SF	-	-	-	30	AC UNIT TEACHERS LOUNGE	-	-	-	-	-	A	-	-	-	
31	SPACE	-	-	-	-	-	-	-	-	-	32	200A MAIN BREAKER	2003	-	-	-	-	-	-	-	-	
33	SPACE	-	-	-	-	-	-	-	-	-	34	200A MAIN BREAKER	-	-	-	-	-	-	-	-	-	
35	SPACE	-	-	-	-	-	-	-	-	-	36	200A MAIN BREAKER	-	-	-	-	-	-	-	-	-	
37	SPACE	-	-	-	-	-	-	-	-	-	38	200A MAIN BREAKER	-	-	-	-	-	-	-	-	-	
39	SPACE	-	-	-	-	-	-	-	-	-	40	200A MAIN BREAKER	-	-	-	-	-	-	-	-	-	
41	SPACE	-	-	-	-	-	-	-	-	-	42	200A MAIN BREAKER	-	-	-	-	-	-	-	-	-	

PHASE LOAD TOTALS

000

LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND
LIGHTING	0	1.25	0
REC TO 10 KVA	0	1.0	0
REC REMAINING	0	0.5	0
SPACE HEATING	0	0.0	0
AIR CONDITIONING	0	1.0	0
NON-SEASONAL MOTORS	0	1.0	0
LARGEST MOTOR	0	0.25	0
WATER HEATING	0	1.0	0

LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND
KITCHEN EQUIPMENT	0	1.0	0
CONTINUOUS	0	1.25	0
NON-CONTINUOUS	0	1.0	0
DEMAND	0	1.0	0
TOTAL CONNECTED LOAD	0	KVA	0 AMPS
MIN. FEEDER / PANEL CAPACITY	0	KVA	0 AMPS
OVERALL DEMAND FACTOR	1		

MODIFIED PANEL L1B																						
VOLTAGE: 208Y/120V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES					MAIN: 225A MLO BUS RATING: 225A GROUND BUS: YES					INTEGRAL SPD: NO MOUNTING: SURFACE INTERRUPT RATING: 10,000 AIC												
CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	
1	SECURITY ALARM BOX	201	-	-	-	-	N	-	-	-	2	REC GUIDANCE 140	201	-	-	-	-	R	-	-	-	
3	CUSTODIAN REC	201	-	-	-	-	R	-	-	-	4	REC CONFERENCE 138	201	-	-	-	-	R	-	-	-	
5	REC	201	-	-	-	-	R	-	-	-	6	REC CONFERENCE 114	201	-	-	-	-	R	-	-	-	
7	REC	201	-	-	-	-	R	-	-	-	8	REC OFFICE & WORKROOM 116	201	-	-	-	-	R	-	-	-	
9	WIREMOLD REC ROOM 15	201	-	-	-	-	R	-	-	-	10	REC OFFICE 116 & STORAGE 109	201	-	-	-	-	R	-	-	-	
11	WASHER	201	-	-	-	-	R	-	-	-	12	REC MEDIA CENTER 118	201	-	-	-	-	R	-	-	-	
13	DRYER	302	-	-	-	-	R	-	-	-	14	REC MEDIA CENTER 118	201	-	-	-	-	R	-	-	-	
15	DRYER	-	-	-	-	-	R	-	-	-	16	REC MEDIA CENTER 118	201	-	-	-	-	R	-	-	-	
17	REC	201	-	-	-	-	R	-	-	-	18	REC MEDIA CENTER 118	201	-	-	-	-	R	-	-	-	
19	REC	201	-	-	-	-	R	-	-	-	20	MEDIA CENTER DATA PANEL	201	-	-	-	-	R	-	-	-	
21	REC	201	-	-	-	-	R	-	-	-	22	LIGHTS MEDIA CENTER	201	-	-	-	-	L	-	-	-	
23	REC CORRIDOR	201	-	-	-	-	R	-	-	-	24	HAND DRYERS BOYS 125	301	-	-	-	-	R	-	-	-	
25	REC	201	-	-	-	-	R	-	-	-	26	HAND DRYERS BOYS 125	301	-	-	-	-	R	-	-	-	
27	REC STORAGE 139	201	-	-	-	-	R	-	-	-	28	HAND DRYERS BOYS 121	301	-	-	-	-	R	-	-	-	
29	BC-3 CLASSROOM 107	201	-	-	-	-	R	-	-	-	30	HAND DRYERS BOYS 121	301	-	-	-	-	R	-	-	-	
31	BC-8 CORRIDOR 117B	201	-	-	-	-	R	-	-	-	32	CUH-1 TOILET 121	201	-	-	-	-	H	-	-	-	
33	BC-5 CLASSROOM 108	201	-	-	-	-	R	-	-	-	34	SECURITY	201	-	-	-	-	C	-	-	-	
35	FAN COILS ROOMS 114, 116, 118, 139	201	-	-	-	-	M	-	-	-	36	SPARE	201	-	-	-	-	-	-	-	-	
37	BC-5 CLASSROOM 110	201	-	-	-	-	R	-	-	-	38	CUH-1 TOILET 125	201	-	-	-	-	H	-	-	-	
39	BC-5 CLASSROOM 111	201	-	-	-	-	R	-	-	-	40	BC-3 CLASSROOM 113	201	-	-	-	-	R	-	-	-	
41	BC-3 CLASSROOM 112	201	-	-	-	-	R	-	-	-	42	SPACE	-	-	-	-	-	-	-	-	-	

NOTE 1. PROVIDE GFCI RATED BREAKER(S) FOR CIRCUIT(S) 24, 26, 28, 30

PHASE LOAD TOTALS

000

LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND
LIGHTING	0	1.25	0
REC TO 10 KVA	0	1.0	0
REC REMAINING	0	0.5	0
SPACE HEATING	0	0.0	0
AIR CONDITIONING	0	1.0	0
NON-SEASONAL MOTORS	0	1.0	0
LARGEST MOTOR	0	0.25	0
WATER HEATING	0	1.0	0

LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND
KITCHEN EQUIPMENT	0	1.0	0
CONTINUOUS	0	1.25	0
NON-CONTINUOUS	0	1.0	0
DEMAND	0	1.0	0
TOTAL CONNECTED LOAD	0	KVA	0 AMPS
MIN. FEEDER / PANEL CAPACITY	0	KVA	0 AMPS
OVERALL DEMAND FACTOR	1		

MODIFIED PANEL PB-H1A																						
VOLTAGE: 480Y/277V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES				MAIN: 400A MCB BUS RATING: 400A GROUND BUS: YES				INTEGRAL SPD: NO MOUNTING: SURFACE INTERRUPT RATINGS: 10,000 AIC														
CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	
1	LIGHTS ROOMS 1 & 2	201	-	-	-	-	L	-	-	-	2	LIGHTS ROOMS 7, 8, & GIRLS BATHROOM	201	-	-	-	-	L	-	-	-	
3	LIGHTS ROOMS 3 & 4	201	-	-	-	-	L	-	-	-	4	LIGHTS ROOMS 9 & 14	201	-	-	-	-	L	-	-	-	
5	LIGHTS ROOMS 5 & 6	201	-	-	-	-	L	-	-	-	6	LIGHTS ROOMS 15, 16, & BOYS BATHROOM	201	-	-	-	-	L	-	-	-	
7	SPARE	201	-	-	-	-	-	-	-	-	8	LIGHTS HALLWAY PRESCHOOL	201	-	-	-	-	L	-	-	-	
9	LIGHTS ROOMS 10, 11, & GIRLS BATHROOM	201	-	-	-	-	L	-	-	-	10	LIGHTS ROOMS 12 & 13	201	-	-	-	-	L	-	-	-	
11	LIGHTS CORRIDOR	201	-	-	-	-	L	-	-	-	12	LIGHTS MAIN OFFICE & FOYER	201	-	-	-	-	L	-	-	-	
13	SPACE	-	-	-	-	-	-	-	-	-	14	LIGHTS MEDIA CENTER & CONFERENCE	201	-	-	-	-	L	-	-	-	
15	SPACE	-	-	-	-	-	-	-	-	-	16	LIGHTS TWR, AP, GUIDANCE, CONFERENCE	201	-	-	-	-	L	-	-	-	
17	SPACE	-	-	-	-	-	-	-	-	-	18	LIGHTS EXTERIOR	201	-	-	-	-	L	-	-	-	
19	SPACE	-	-	-	-	-	-	-	-	-	20	SPACE	-	-	-	-	-	-	-	-	-	
21	SPACE	-	-	-	-	-	-	-	-	-	22	SPACE	-	-	-	-	-	-	-	-	-	
23	SPACE	-	-	-	-	-	-	-	-	-	24	SPACE	-	-	-	-	-	-	-	-	-	
25	SPACE	-	-	-	-	-	-	-	-	-	26	SPACE	-	-	-	-	-	-	-	-	-	
27	SPACE	-	-	-	-	-	-	-	-	-	28	SPACE	-	-	-	-	-	-	-	-	-	
29	SPACE	-	-	-	-	-	-	-	-	-	30	SPACE	-	-	-	-	-	-	-	-	-	
31	SPACE	-	-	-	-	-	-	-	-	-	32	SPACE	-	-	-	-	-	-	-	-	-	
33	SPACE	-	-	-	-	-	-	-	-	-	34	SPACE	-	-	-	-	-	-	-	-	-	
35	SPACE	-	-	-	-	-	-	-	-	-	36	SPACE	-	-	-	-	-	-	-	-	-	
37	RTU #1	203	-	-	-	-	M	-	-	-	38	SPACE	-	-	-	-	-	-	-	-	-	
39	RTU #1	-	-	-	-	-	M	-	-	-	40	SPACE	-	-	-	-	-	-	-	-	-	
41	RTU #1	-	-	-	-	-	M	-	-	-	42	SPACE	-	-	-	-	-	-	-	-	-	

PHASE LOAD TOTALS

000

LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND
LIGHTING	0	1.25	0
REC TO 10 KVA	0	1.0	0
REC REMAINING	0	0.5	0
SPACE HEATING	0	0.0	0
AIR CONDITIONING	0	1.0	0
NON-SEASONAL MOTORS	0	1.0	0
LARGEST MOTOR	0	0.25	0
WATER HEATING	0	1.0	0

LOADS (KVA)	CONNECTED	DEMAND FACT
-------------	-----------	-------------



2/27/2025 11:24:20 AM Autodesk Docs/2/1/95-18 HCPSS Campbell Court ES-ELEC - R24.v4

## FIRST FLOOR PLAN - DEMOLITION - LIGHTING & FIRE ALARM

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

## FIRST FLOOR PLAN - NEW WORK - LIGHTING & FIRE ALARM

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

## SECOND FLOOR PLAN - NEW WORK - LIGHTING & FIRE ALARM

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

## ELEVATOR PIT PLAN - NEW WORK - LIGHTING

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

LIGHTING FIXTURE SCHEDULE					
FXTR TYPE	MOUNTING	LAMP (NO.) TYPE	MANUFACTURER & CATALOG NUMBER (BASIS OF DESIGN)	OTHER ACCEPTABLE MANUFACTURERS	REMARKS
A	GRID - LAY-IN	LED	LOTHONIA LIGHTING - CPANL-2X4 AL06 SWW7-A2 - MVOLT-	DAY-BRITE, LITHONIA	HIGH LUMEN OUTPUT
A1	GRID - LAY-IN	LED	LOTHONIA LIGHTING - CPANL-2X4 AL06 SWW7-A2 - MVOLT-LB CP20 HE SD A	DAY-BRITE, LITHONIA	HIGH LUMEN- EMERGENCY BATTERY MOUNT TO THE FIXTURE
A2	GRID - LAY-IN	LED	LOTHONIA LIGHTING - CPANL-2X4 AL06 SWW7-A2 - MVOLT-	DAY-BRITE, LITHONIA	LOW LUMEN OUTPUT SETTING
A3	GRID - LAY-IN	LED	LOTHONIA LIGHTING - CPANL-2X2 - ALD1-SWW7-M4 - MVOLT - ILB CP20 HE SD A	DAY-BRITE, LITHONIA	HIGH LUMEN- EMERGENCY BATTERY MOUNT TO THE FIXTURE
A4	GRID - LAY-IN	LED	LOTHONIA LIGHTING - CPANL-2X2 - ALD1-SWW7-M4 - MVOLT -	DAY-BRITE, LITHONIA	HIGH LUMEN OUTPUT
B	CONCRETE WALL	LED	VISION VPF8-4FT-NC0IM-100W-40K-MVOLT-CLP-BLK-E10W	DAY-BRITE, LITHONIA	HORIZONTAL MOUNT - AND EMERGENCY BATTERY

### GENERAL NOTES:

- CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE ENTIRE CONTRACT DOCUMENTS TO HAVE A COMPLETE UNDERSTANDING OF THE PROJECT SCOPE OF WORK AND SHALL COORDINATE WITH ALL DISCIPLINES AND THE OWNER'S REPRESENTATIVE PRIOR TO STARTING ANY WORK.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING PRIOR TO BIDDING WITH THE UTILITY COMPANY FOR ALL MATERIALS, LABOR, AND REQUIREMENTS THAT ARE NOT PROVIDED BY THE UTILITY COMPANY AND WILL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBLE FOR PROVIDING UNDER THEIR SCOPE OF WORK.
- THAT ARE THE CONTRACTOR SHALL COORDINATE ALL REQUIRED SHUTDOWNS WITH PROJECT MANAGER/CO AND OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL PROVIDE SIMUL IMPREGNATED COLORED CODED INSULATION FOR ALL CONDUCTORS AND ALL CONDUCTOR SIZES OR EQUAL. NO COLOR TAPE WILL BE ACCEPTABLE FOR PHASE IDENTIFICATION.
- CONTRACTOR SHALL PROVIDE A GFCI RECEPTACLE AS SHOWN. NO DOWN STREAM PROTECTION WILL BE ACCEPTABLE. THIS IS TYPICAL FOR THE ENTIRE SCOPE OF WORK. NO DUPLEXES, JUST GFCI TYPE.

### DEMOLITION - PLAN NOTES:

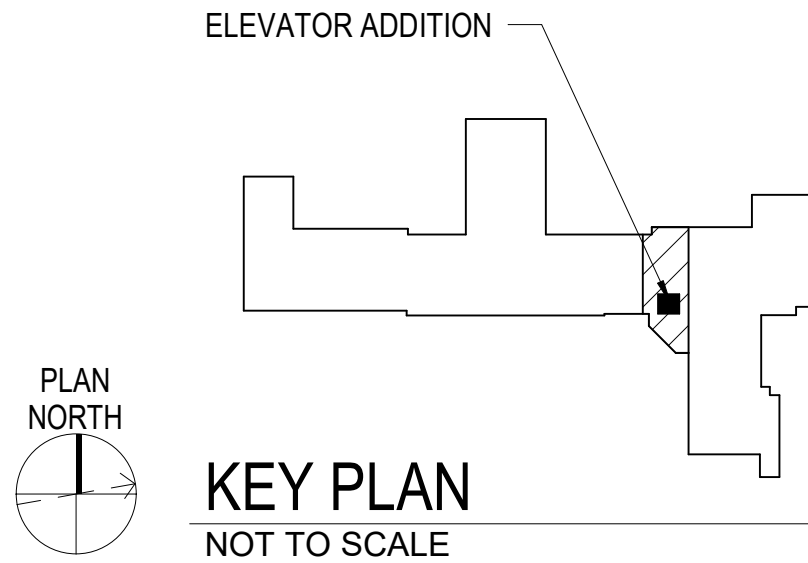
- THE EXISTING ELECTRICAL INFRASTRUCTURE (PANELS) IN EXISTING ELECTRICAL ROOMS/MECHANICAL ROOMS SHALL REMAIN AS INSTALLED AND WILL SUPPORT THE PROJECT SCOPE OF WORK. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A NEW (TYPED) PANEL SCHEDULE REFLECTING THE SCOPE OF WORK. NO HAND WRITTEN ENTRIES WILL BE ACCEPTED. CONTRACTOR IS NOT RESPONSIBLE FOR CONFIRMING THE EXISTING CONNECTED LOADS, BUT IS RESPONSIBLE FOR TRANSFERRING THE NOTED EXISTING DESCRIPTION FROM THE EXISTING PANEL SCHEDULE TO THE NEW PANEL SCHEDULE.
- THE CONTRACTOR SHALL DISCONNECT AND REMOVE THE POWER SOURCE TO THE NOTED LIGHTING FIXTURES AND ASSOCIATED CONTROLS FOR THE SAME. THE CONTRACTOR SHALL RETAIN THE POWER SOURCE TO BE EXTENDED TO THE NEW LIGHTS AND ASSOCIATED NEW CONTROLS. THE CONTRACTOR IS RESPONSIBLE FOR REWORKING ANY CIRCUITS OR CONTROLS THAT ARE SUPPORTING EXISTING TO REMAIN LIGHTS, CONTROLS, ETC. THAT WOULD BE AFFECTED BY THIS SCOPE OF WORK, BUT IS NOT SHOWN AS BEING UNDER THIS SCOPE OF WORK.
- THE CONTRACTOR SHALL DISCONNECT AND RELOCATED ANY NEEDED CONTROL SWITCHES, ETC IN THIS LOCATION THAT WOULD BE IMPACTED BY THE INSTALLATION OF THE NEW ELEVATOR. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REP TO A SELECTED LOCATION. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED MATERIALS TO RELOCATED AT THE SELECTED LOCATIONS.

### PLAN NOTES:

- THE EXISTING ELECTRICAL INFRASTRUCTURE (PANELS) IN EXISTING ELECTRICAL ROOMS/MECHANICAL ROOMS SHALL REMAIN AS INSTALLED AND WILL SUPPORT THE PROJECT SCOPE OF WORK. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A NEW (TYPED) PANEL SCHEDULE REFLECTING THE SCOPE OF WORK. NO HAND WRITTEN ENTRIES WILL BE ACCEPTED. CONTRACTOR IS NOT RESPONSIBLE FOR CONFIRMING THE EXISTING CONNECTED LOADS, BUT IS RESPONSIBLE FOR TRANSFERRING THE NOTED EXISTING DESCRIPTION FROM THE EXISTING PANEL SCHEDULE TO THE NEW PANEL SCHEDULE.
- THE CONTRACTOR SHALL USE THE EXISTING RETAIN LIGHTING CIRCUIT(S) AS NOTED UNDER THE DEMOLITION ABOVE NOTE #2. THE CONTRACTOR SHALL INTERCEPT AND EXTEND TO THE NEW LIGHTING FIXTURES AND ASSOCIATED NEW CONTROLS. THE WALL MOUNTED OCCUPANCY SENSOR SHALL BE WALL MOUNTED - 12'-0" AFF. SHALL CONTROL MOST OF THE 2ND FLOOR LEVEL LIGHTING. LOWER CASE LETTER (G). THE REMAINING LIGHTING WILL BE CONTROLLED BY CEILING MOUNTED OCCUPANCY SENSOR. PLEASE REFER TO LOWER CASE LETTER AND THE CONTRACTOR SHALL REFER TO THE LIGHTING CONTROLS - SEQUENCE OF OPERATIONS (ROOM BY ROOM).
- THE CONTRACTOR SHALL PROVIDE A CEILING MOUNTED SMOKE DETECTOR IN THE ELEVATOR'S LOBBY CEILING, 1st FLOOR LEVEL. THE CEILING AREA IS GMB. AND THE 2ND FLOOR. THE CEILING IS LAY-IN GRID. THE CONTRACTOR SHALL MATCH THE EXISTING DEVICES OR PROVIDE A DEVICE THAT IS COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM. CONTRACTOR SHALL TIE-INTO THE NEAREST FIRE ALARM LOOP. THE CONTRACTOR SHALL CONFIRM THAT THE EXISTING BATTERY SYSTEM CAN SUPPORT THE NEWLY ADDED DEVICES UNDER THIS SCOPE OF WORK, AND UPGRADE IF NEEDED. THE CONTRACTOR IS RESPONSIBLE FOR THE ENTIRE LOOP THAT THE NEW DEVICE IS BEING TIED INTO.
- THE CONTRACTOR SHALL PROVIDE A DEDICATED FIRE ALARM LOOP TO THE ELEVATOR CONTROL PANEL. THE CONTRACTOR COORDINATE WITH ELEVATOR INSTALLER PRIOR TO PULLING IN FOR FINAL DIRECTION FOR THE TERMINATION POINT. THE EXISTING FIRE ALARM CONTROL PANEL IS LOCATED NEAR THE RECEPTIONIST, WHICH IS APPROXIMATELY 100'-0". THE SHALL COORDINATE WITH FIRE MARSHAL/DISPATCHER FOR TESTING OF ALL NEW DEVICES.
- THE CONTRACTOR SHALL COORDINATE THE MOUNTING OF THE LIGHTING FIXTURE TYPE C WITH EQUIPMENT IN THE PIT AND ELEVATOR INSTALLER. THE CONTRACTOR SHALL PROVIDE (3) LITE LIGHTING SWITCHES, ONE AT THE TOP OF THE LADDER, ONE 48" AFF BY LADDER AND ONE OVER BY THE SUMP PUMP. THE CONTRACTOR SHALL USE NEMA 3R JUNCTION BOXES, FS BOXES, ETC TO MOUNT REQUIRED DEVICES. THIS WAS ALSO BE NOTED ON THE POWER PLAN. THE CONTRACTOR SHALL USE (4) 20A SINGLE POLE SPARE BREAKERS IN EXISTING BRANCH PANEL (L2), WHICH IS LOCATED ON THE SECOND FLOOR IN THE CORRIDOR, APPROXIMATELY 100'-0" FROM THE ELEVATOR'S PROPOSED LOCATION. (2) OF THE CIRCUITS WILL SUPPORT PIT LIGHTING, ONE GFCI RECEPTACLE, SUMP PUMP AND CAB LIGHTING. THE WILL PROVIDE THE SHUNT TRIP DISCONNECT SWITCH FOR CAB LIGHTING. THE OTHER (1) CIRCUIT WILL SUPPORT THE PRIMARY EQUIPMENT BOX, IN TOP OF SHAFT. THE REMAINING (1) 20A CIRCUIT SHALL SUPPORT EACH TAMP PROOF RECEPTACLE IN EACH ELEVATOR LOBBY AREA. THE CONTRACTOR SHALL PROVIDE A HEAVY DUTY SQUARE D FUSED DISCONNECT SWITCH RATED FOR 30A 3 POLE, 240V, NEMA 3R, COORDINATE MOUNTING LOCATION WITH THE PRIOR TO ROUGH-IN. THE CONTRACTOR SHALL PROVIDE BUSSMANN RK1 LOW PEAK, DUAL ELEMENT - TIME DELAY YELLOW FUSES, NOT RKs.
- THE CONTRACTOR SHALL PROVIDE A SMOKE DETECTOR AND HEAT DETECTOR IN THE PIT AND TIE-INTO THE EXISTING FIRE ALARM SYSTEM AND COORDINATE WITH THE ELEVATOR INSTALLER.

### LIGHTING CONTROLS - SEQUENCE OF OPERATIONS (ROOM BY ROOM)

- CORRIDOR 106 & CORRIDOR 202:**
  - GENERAL LIGHTS:** THE "a.c.e" LIGHT FIXTURES WILL AUTOMATICALLY TURN ON WHEN ENTERING THE SPACE. THE "a.c.e" LIGHT FIXTURES SHALL AUTOMATICALLY TURN OFF WHEN THE SPACE IS VACANT FOR 15 MINUTES, UNLESS MANUALLY TURNED OFF. SET THE TIME DELAY ON THE OCCUPANCY SENSOR(S) TO 15 MINUTES. THE "a.c.e" LIGHT FIXTURE CAN ONLY BE TURNED ON/OFF VIA THE CORRESPONDING CEILING/WALL MOUNTED OCCUPANCY SENSOR(S), NO LOW-VOLTAGE WALL CONTROL FOR THE LIGHT FIXTURES.
  - EMERGENCY EGRESS LIGHT:** THE "b.d.f" EMERGENCY EGRESS LIGHT FIXTURES SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE SPACE. THE "b.d.f" EMERGENCY EGRESS LIGHT FIXTURES SHALL AUTOMATICALLY TURN OFF WHEN THE SPACE IS VACANT FOR 15 MINUTES. SET THE TIME DELAY ON THE OCCUPANCY SENSOR(S) TO 15 MINUTES. THE "b.d.f" EMERGENCY EGRESS LIGHT FIXTURES CAN ONLY BE TURNED ON/OFF VIA THE CORRESPONDING CEILING/WALL MOUNTED OCCUPANCY SENSOR(S), NO LOW-VOLTAGE WALL CONTROL FOR THE EMERGENCY EGRESS LIGHT FIXTURES.
    - THE EMERGENCY EGRESS LIGHTS ARE POWERED VIA A INTEGRAL BATTERY PACK. THE INTEGRAL BATTERY PACK SHALL BE PROVIDED WITH A UL924 AUTOMATIC LOAD CONTROL RELAY. IF THE NORMAL POWER LIGHTING CIRCUIT, POWERING THE BATTERY PACK, IS LOST THE EMERGENCY EGRESS LIGHT FIXTURE(S) WILL AUTOMATICALLY TURN ON OVERRIDING ANY OCCUPANCY SENSOR CONTROLS TO THE EMERGENCY EGRESS LIGHT FIXTURE(S) AND SHALL BE POWERED DIRECTLY FROM THE INTEGRAL BATTERY PACK.

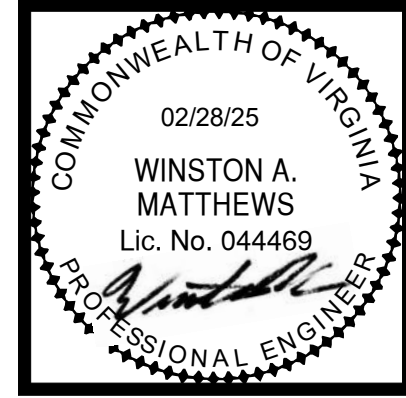


PROJECT  
HENRY COUNTY PUBLIC SCHOOLS  
CAMPBELL COURT E.S. ELEVATOR ADDITION  
220 CAMPBELL CT  
BASSETT, VA 24065

DRAWING  
FIRST & 2ND FLOOR DEMOLITION PLAN & NEW WORK  
PLAN - LIGHTING & FIRE ALARM

SHEET  
E-101

ARCHITECTS,  
28 West Church Ave F  
Roanoke, Virginia  
(540)344-1212 / fax (540)344-1321



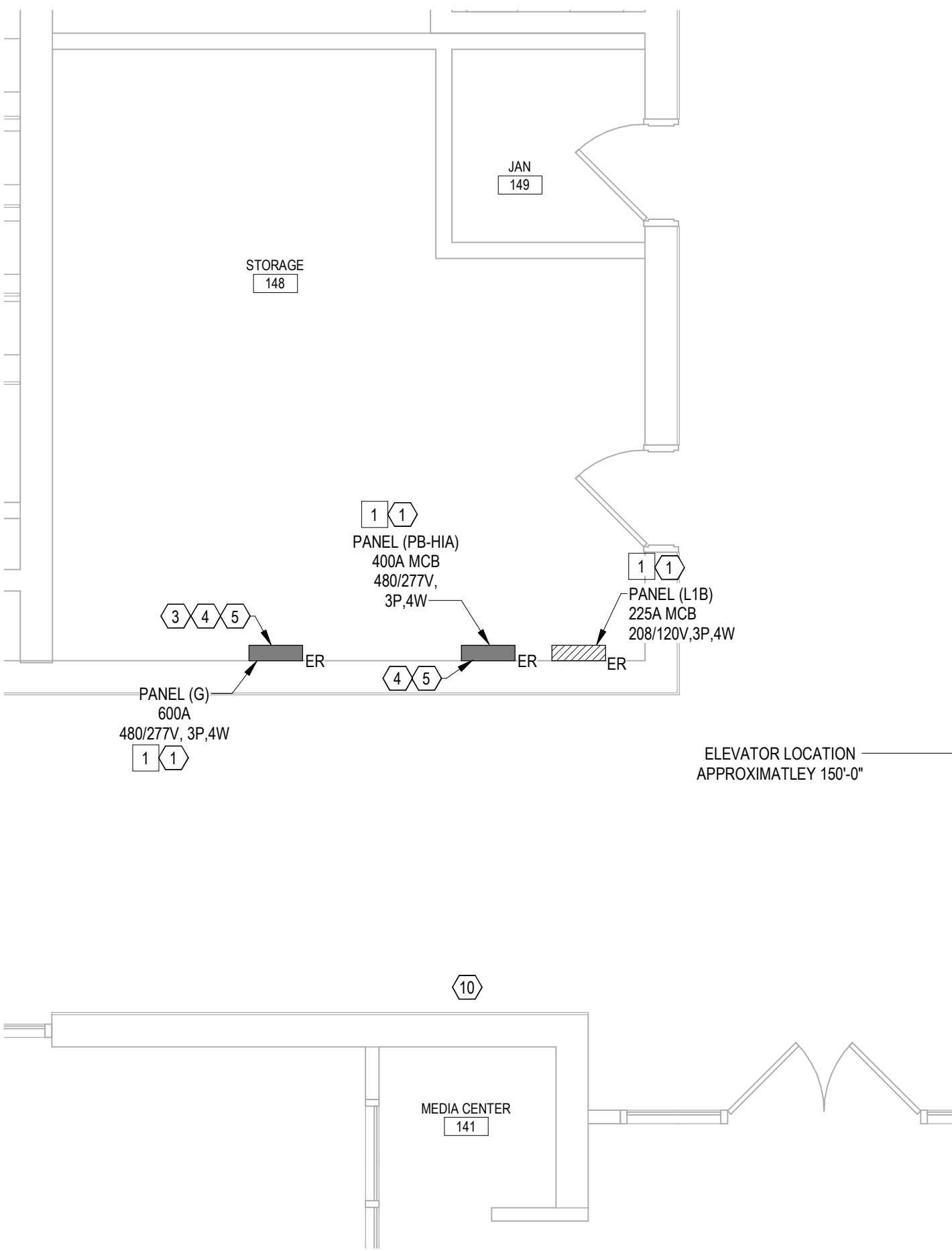
DATE FEB 28, 2025  
PROJECT 21195-18  
DESIGNED MAR  
DRAWN MAR  
CHECKED WAM

MARK DATE  
REVISIONS

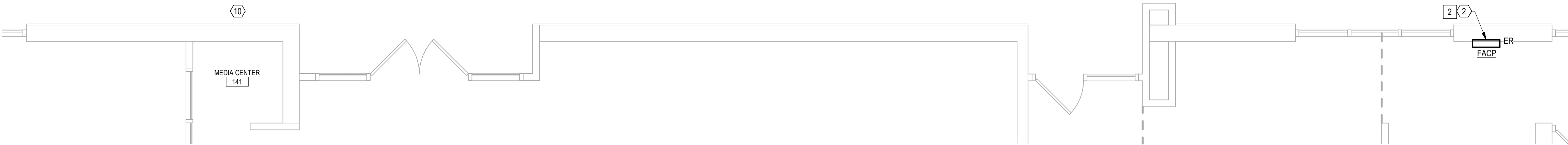
L P A  
LAWRENCE PERRY & ASSOCIATES  
Consulting Engineers  
12 E. Salem Avenue, Suite 101  
Roanoke, Virginia 24011  
Phone No.: 240.787.8333  
Fax: (540) 344-9419  
© Lawrence Perry and Associates, Inc.

2/27/2025 11:24:23 AM Autodesk Docs/2/195-18 HCPSS Campbell Court ES0410-63 - HCPSS Campbell Court ES - ELEC - RDA.vrt

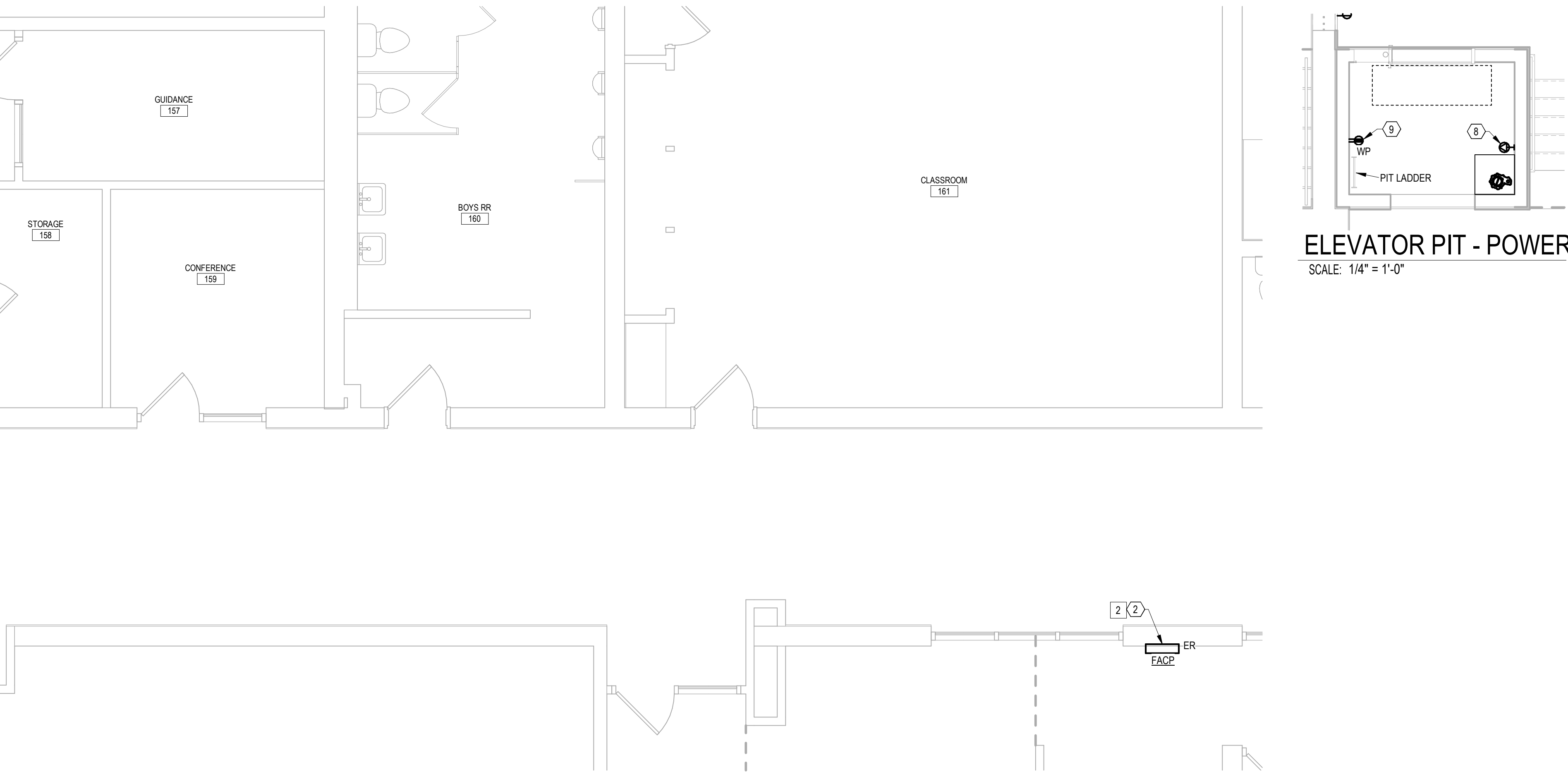
FIRST FLOOR PLAN - NEW WORK - POWER & DATA  
SCALE: 1/4" = 1'-0"



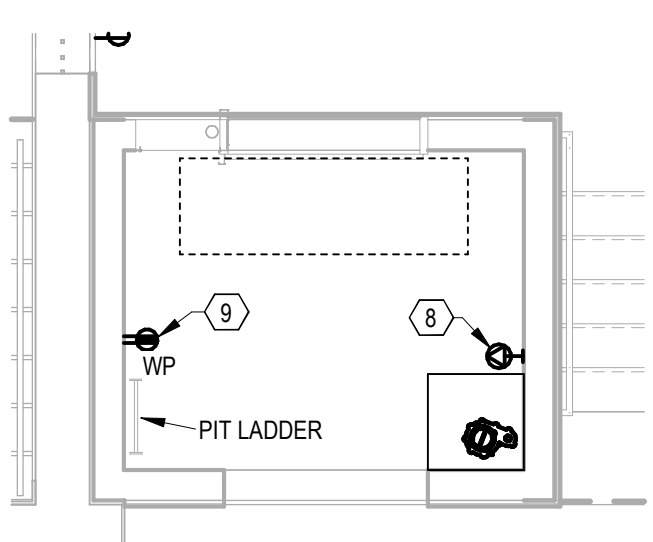
FIRST FLOOR PLAN - NEW WORK - ELECTRICAL ROOM - POWER & DATA  
SCALE: 1/4" = 1'-0"



SECOND FLOOR PLAN - NEW WORK - POWER & DATA  
SCALE: 1/4" = 1'-0"



ELEVATOR PIT - POWER  
SCALE: 1/4" = 1'-0"



#### GENERAL NOTES:

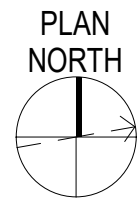
- CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE ENTIRE CONTRACT DOCUMENTS TO HAVE A COMPLETE UNDERSTANDING OF THE PROJECT SCOPE OF WORK AND SHALL COORDINATE WITH ALL DISCIPLINES AND THE OWNER'S REPRESENTATIVE PRIOR TO STARTING ANY WORK.
- ELECTRICAL DEMOLITION IS DEFINED IN THE FOLLOWING NOTES AND IS LIMITED TO FIELD OBSERVATION AND ACCESSIBILITY TO THE EXISTING CONDITIONS. THE DRAWINGS ARE ONLY INTENDED TO BE A PARTIAL REPRESENTATION OF THE ACTUAL DEMOLITION WORK REQUIRED. THESE NOTES ONLY APPLY TO THE AREAS OF RENOVATION. IN GENERAL, THE DEMOLITION SCOPE IS THE REMOVAL OF EXISTING LIGHTING AND ASSOCIATED CONTROLS IN THE AREAS OF RENOVATION, EXCEPT AS NOTED OTHERWISE IN THESE NOTES AND ON THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL COORDINATE ALL REQUIRED SHUTDOWNS WITH PROJECT MANAGER/GC AND OWNER'S REPRESENTATIVE.
- ALL NEW WIRING FOR ALL SIZES WILL BE SIMUL OR EQUAL TO IMPREGNATED COLOR CODED INSULATION, FOR EACH VOLTAGE AND PHASES - NO COLOR TAPE WILL BE ACCEPTED - THIS IS TYPICAL FOR THE ENTIRE SCOPE OF WORK. THIS INCLUDES THE MAIN INCOMING ELECTRICAL SERVICE. AGAIN COLOR TAPE WILL NOT BE ACCEPTABLE.
- CONTRACTOR SHALL PROVIDE A GFCI RECEPTACLE AS SHOWN, NO DOWN STREAM PROTECTION WILL BE ACCEPTABLE, THIS IS TYPICAL FOR THE ENTIRE SCOPE OF WORK, NO DUPLEXES, JUST GFCI TYPE.
- THE EXISTING FIRE ALARM SYSTEM MUST STAY ACTIVATED DURING THE DEMOLITION PHASE AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FALSE ALARMS DUE TO THEIR MISTAKES CAUSING FIRE ALARMS AND SECURITY ALARMS TO BE ACTIVATED. THE NEW SYSTEM MUST BE INSTALLED AND SIGNED OFF BY THE FIRE MARSHAL PRIOR TO REMOVING THE EXISTING SYSTEM.

#### DEMOLITION - PLAN NOTES:

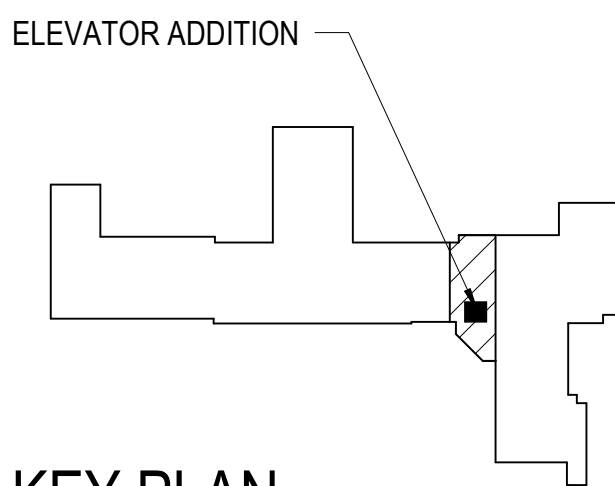
- THE EXISTING ELECTRICAL INFRASTRUCTURE (PANELS) IN EXISTING ELECTRICAL ROOMS/MECHANICAL ROOMS SHALL REMAIN AS INSTALLED AND WILL SUPPORT THE PROJECT SCOPE OF WORK. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A NEW (TYPED) PANEL SCHEDULE REFLECTING THE SCOPE OF WORK. NO HAND WRITTEN ENTRIES WILL BE ACCEPTED. CONTRACTOR IS NOT RESPONSIBLE FOR CONFIRMING THE EXISTING CONNECTED LOADS, BUT IS RESPONSIBLE FOR TRANSFERRING THE NOTED EXISTING DESCRIPTION FROM THE EXISTING PANEL SCHEDULE TO THE NEW PANEL SCHEDULE.
- THE EXISTING FIRE ALARM CONTROL PANEL SHALL SUPPORT THE PROJECT SCOPE OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THAT THE EXISTING BATTERY SYSTEM IS IN GOOD WORKING ORDER AND CAN SUPPORT THE ADDITIONAL ADDED APPLIANCES.
- THE CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING RECEPTACLE, PROVIDE A BLANK COVER PLATE. THE CONTRACTOR SHALL RETAIN THE POWER SOURCE AND EXTEND TO THE (3) NEW TAMPER PROOF DUPLEX RECEPTACLES SHOWN IN PLAN.
- THE CONTRACTOR SHALL LABEL, DISCONNECT AND COIL BACK THE POWER SOURCE CONDUCTORS AND ASSOCIATED CONDUIT THAT IS SUPPORTING THE EXISTING TO BE RELOCATED MECHANICAL EQUIPMENT (BC-6). THE CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR PRIOR TO DISCONNECTION AND PRIOR TO INTERCEPTING AND EXTENDING TO THE NEW LOCATION. THE EXISTING MEANS OF DISCONNECTION SHALL BE REUSED.
- THE CONTRACTOR SHALL DISCONNECT AND RELOCATION EXISTING CEILING MOUNTED CAMERA. THE CONTRACTOR SHALL COORDINATE WITH OWNER'S REP FOR NEW INSTALL LOCATION. THE CONTRACTOR PROVIDE ALL MATERIALS NEEDED TO RELOCATION TO THE SELECTED LOCATION.
- THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REP FOR THE DISCONNECTION OR RELOCATION OF THE (10) POWER/DATA DROPS IN THIS LOCATION, WHICH IS THE LOCATION FOR THE NEW ELEVATOR.

#### PLAN NOTES:

- THE EXISTING ELECTRICAL INFRASTRUCTURE (PANELS) IN EXISTING ELECTRICAL ROOMS/MECHANICAL ROOMS SHALL REMAIN AS INSTALLED AND WILL SUPPORT THE PROJECT SCOPE OF WORK. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A NEW (TYPED) PANEL SCHEDULE REFLECTING THE SCOPE OF WORK. NO HAND WRITTEN ENTRIES WILL BE ACCEPTED. CONTRACTOR IS NOT RESPONSIBLE FOR CONFIRMING THE EXISTING CONNECTED LOADS, BUT IS RESPONSIBLE FOR TRANSFERRING THE NOTED EXISTING DESCRIPTION FROM THE EXISTING PANEL SCHEDULE TO THE NEW PANEL SCHEDULE.
- THE EXISTING FIRE ALARM CONTROL PANEL SHALL SUPPORT THE PROJECT SCOPE OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THAT THE EXISTING BATTERY SYSTEM IS IN GOOD WORKING ORDER AND CAN SUPPORT THE ADDITIONAL ADDED APPLIANCES.
- NOTE TO THE CONTRACTOR THE ELEVATOR SHALL PROVIDE ALL CODE REQUIRED SHUNT TRIP DEVICES AND MEANS OF DISCONNECTION, THIS WAS CONFIRM WITH THE SALE REPRESENTATIVE PRIOR TO DESIGN DOCUMENTS. THE CONTRACTOR SHALL COORDINATE WITH THE FOR THE NOTED.
- THE CONTRACTOR SHALL PROVIDE A SQUARE D LSI 125A, 3 POLE BREAKER AND ASSOCIATED MOUNTING HARDWARE IN A BLANK AVAILABLE SPACE IN THE EXISTING DISTRIBUTION PANEL (G) OR (PB-HA) PREFER PANEL (G) IF BREAKER AND MOUNTING HARDWARE IS STILL AVAILABLE. THE NEW BREAKER SHALL SUPPORT THE 25HP ELEVATOR MOTOR VIA THE ELEVATOR CONTROLLER RATED FOR 480V, 3 PHASE.
- THE CONTRACTOR SHALL PROVIDE (3#10) (CU) W/10 GROUND IN 2" CONDUIT (EMT AND RIGID) FROM THE ASSIGNED 125A 3 POLE BREAKER TO THE TKE'S ELEVATOR CONTROLLER. THE MANUFACTURE REQUESTED A FULL SIZE GROUND WIRE. REFER TO GENERAL NOTE (D) FOR ACCEPTABLE WIRE INSULATION. THE CONTRACTOR SHALL USE LONG RADIUS ELBOWS. THE CONTRACTOR SHALL USE THE ABOVE THE CEILING (APPROXIMATELY 150'-0"). THE CONTRACTOR SHALL COORDINATE WITH ELEVATOR INSTALLER FOR CONDUCTORS POWER CONNECTION POINT, PRIOR TO ROUGH-IN. THE CONTRACTOR SHALL MAKE ALL WALL PENETRATIONS FIRE PROOF AND WATERWEATHER TIGHT ON BOTH SIDES.
- THE CONTRACTOR SHALL USE (4) 20A SINGLE POLE SPARE BREAKERS IN EXISTING BRANCH PANEL (L2C), WHICH IS LOCATED ON THE SECOND FLOOR IN THE CORRIDOR, APPROXIMATELY 100'-0" FROM THE ELEVATOR'S PROPOSED LOCATION. (2) OF THE CIRCUITS WILL SUPPORT PIT LIGHTING, ONE GFCI RECEPTACLE, SUMP PUMP AND CAB LIGHTING. THE WILL PROVIDE THE SHUNT TRIP DISCONNECT SWITCH FOR CAB LIGHTING. THE OTHER (1) CIRCUIT WILL SUPPORT THE PRIMARY EQUIPMENT BOX, IN TOP OF SHAFT. THE REMAINING (1) 20A CIRCUIT SHALL SUPPORT EACH TAMP PROOF RECEPTACLE IN EACH ELEVATOR LOBBY AREA. THE CONTRACTOR SHALL PROVIDE A HEAVY DUTY SQUARE D FUSED DISCONNECT SWITCH RATED FOR 30A 3 POLE, 240V, NEMA 3R. COORDINATE MOUNTING LOCATION WITH THE PRIOR TO ROUGH-IN. THE CONTRACTOR SHALL PROVIDE BUSSMANN RK1 LOW PEAK, DUAL ELEMENT - TIME DELAY YELLOW FUSES, NOT RKS.
- THE CONTRACTOR SHALL CORE DRILL THE 2ND FLOOR AND DROP DOWN ABOVE THE 1ST FLOOR CEILING AND ROUT TO THE ELEVATOR TO SUPPORT AS NOTED ABOVE #6. REFER TO GENERAL D, TYPICAL FOR ALL.
- THE CONTRACTOR SHALL PROVIDE A 20A TWIST LOCK PLUG AND A TWIST LOCK RECEPTACLE IN A NEMA 4X BOX TO SUPPORT THE SUMP PUMP. THE CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR FOR THE PROVIDED SO CORO AND FOR THE LOCATION OF THE SUMP PUMP'S ALARM PANEL. THE CONTRACTOR SHALL PROVIDE REQUIRED POWER FROM ONE OF THE FOUR PULLED IN CIRCUITS TO SUPPORT THE CONTROLLER.
- THE CONTRACTOR SHALL PROVIDE A GFCI RECEPTACLES IN A WATER TIGHT AND WEATHER PROOF ENCLOSURE. THE CONTRACTOR SHALL MOUNT AT 48" AFF. POWER AS NOTED ABOVE.
- THE CONTRACTOR SHALL ONE PHONE LINE TO THE TKE ELEVATOR CONTROLLER. THE CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE FOR LOCATION TO PICK UP THE PHONE LINE, APPROXIMATELY 150'-0" TO MEDIA CENTER AREA.



KEY PLAN  
NOT TO SCALE



**L P A**  
**LAWRENCE PERRY & ASSOCIATES**  
Consulting Engineers  
1215 Silver Line Road, Suite 101  
Roanoke, Virginia 24011  
Phone: (540) 544-3419  
Fax: (540) 544-3419  
Colum. No.: 24107-03  
© Lawrence Perry and Associates, Inc.

DATE	DESCRIPTION	BY	MARK	DATE	REVISIONS
2025	21195-18	MAR	MAR	WAM	

PROJECT	DESIGNED	DRAWN	CHECKED
2025	21195-18	MAR	MAR

**RRMM**  
**ARCHITECTS, P.C.**  
28 West Church Ave  
Roanoke, Virginia  
(540)344-1212 / fax (540)344-1321

COMMONWEALTH OF VIRGINIA  
02/28/25  
WINSTON A. MATTHEWS  
Lic. No. 044469  
Professional Engineer

PROJECT  
HENRY COUNTY PUBLIC SCHOOLS  
CAMPBELL COURT E.S. ELEVATOR ADDITION  
220 CAMPBELL CT  
BASSETT, VA 24055  
DRAWING  
FIRST FLOOR NEW WORK PLAN - POWER, DATA & FIRST  
& SECOND FLOOR NEW WORK PLAN - FIRE ALARM

SHEET  
**E-102**