



IMMANUEL LUTHERAN CHURCH AND SCHOOL CLASSROOM AND GYMNASIUM ADDITION

47120 ROMEO PLANK ROAD, MACOMB, MI 48044

ISSUED FOR: **BID PACKAGE 2**
DATE: **03-10-17**
PROJECT NO.: **141594**

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SKA1.0	Unnamed
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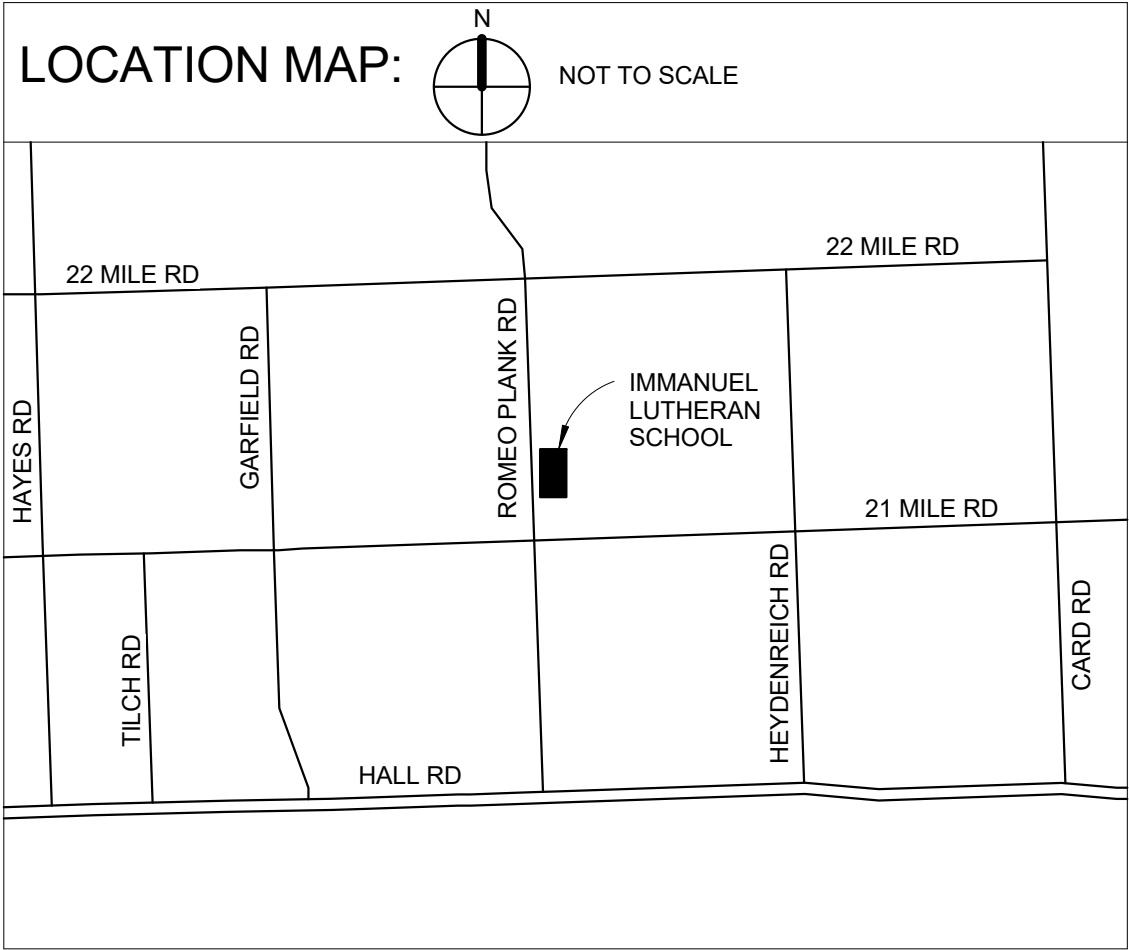
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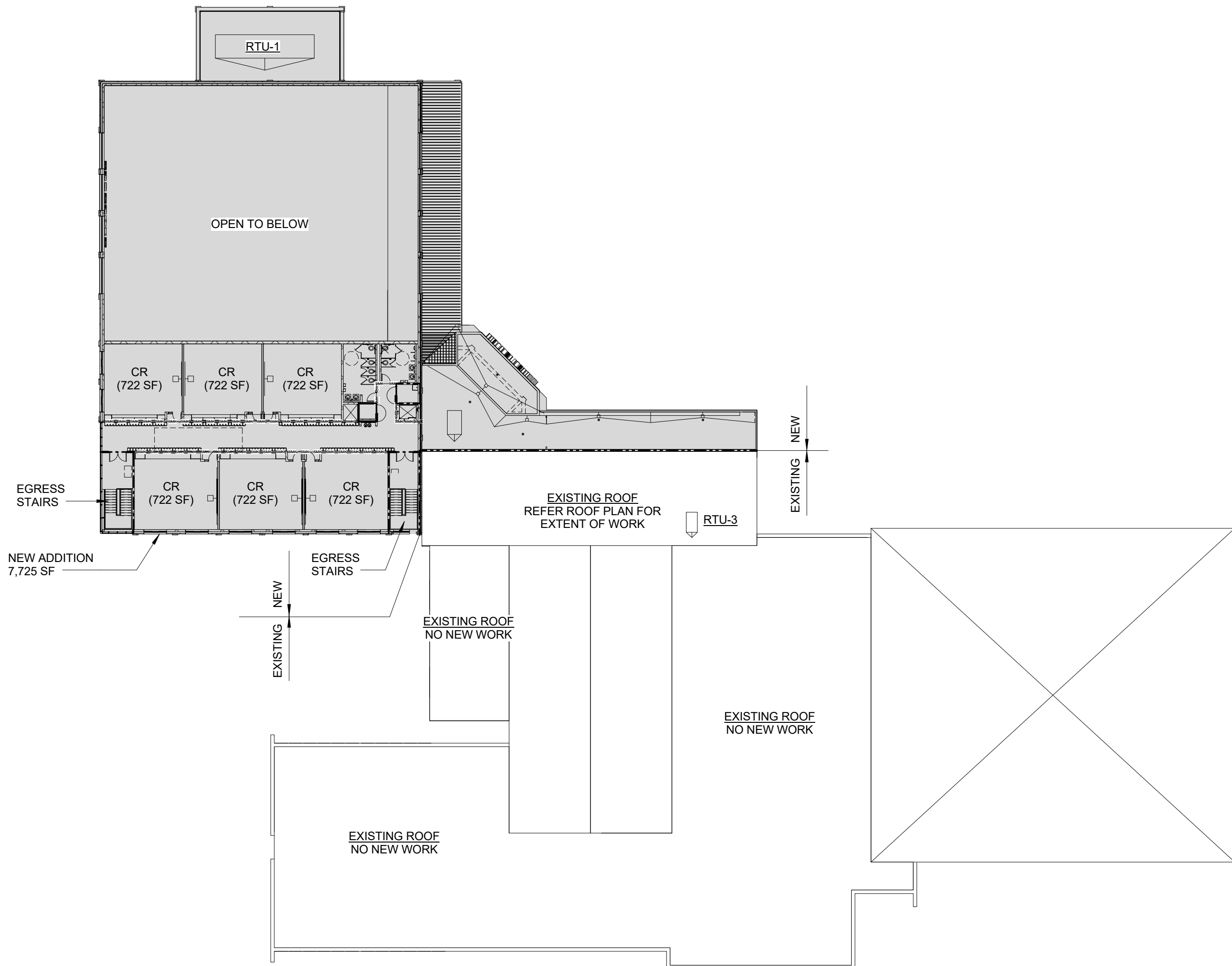
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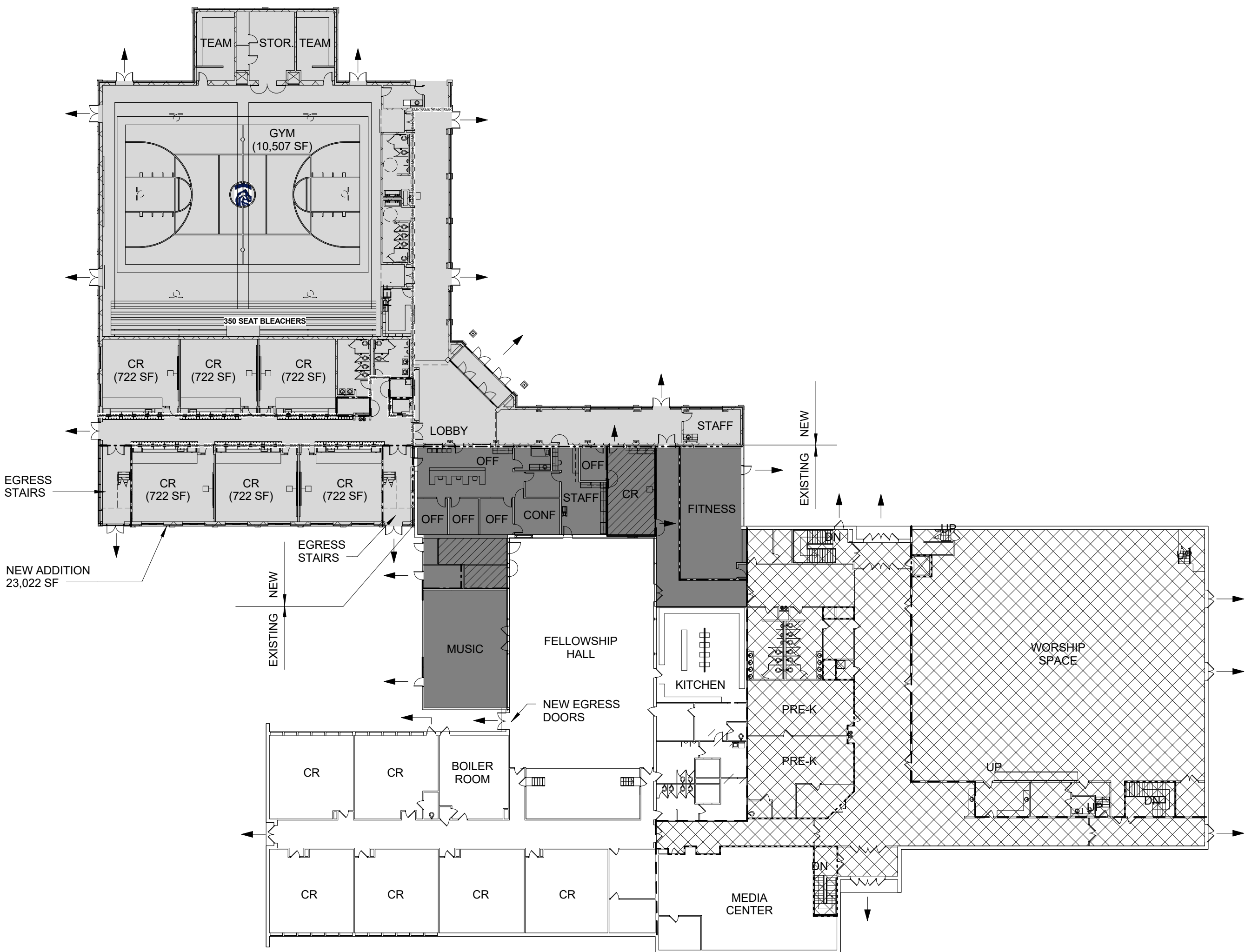
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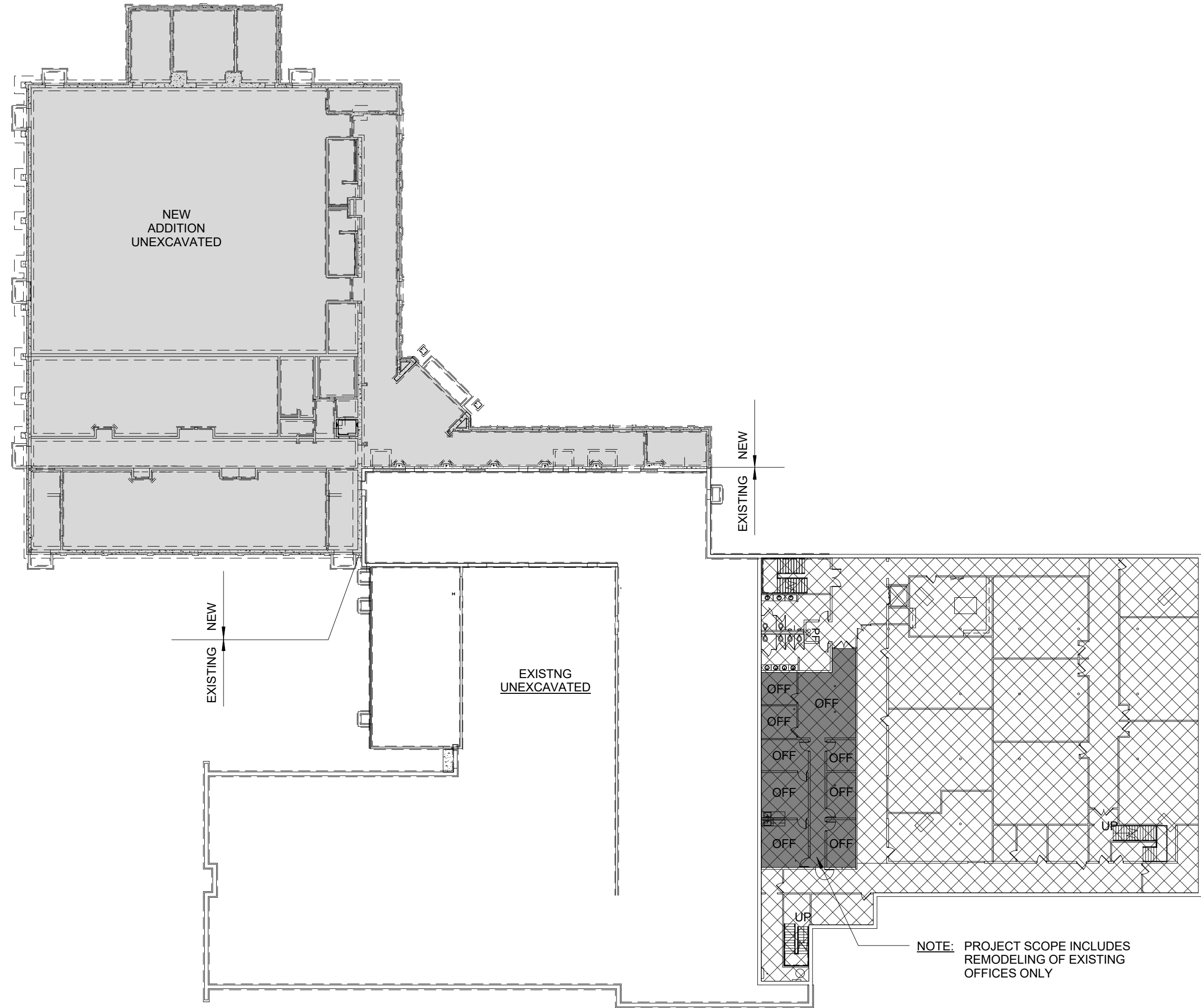




3
L1.0
COMPOSITE SECOND FLOOR PLAN
1/32" = 1'-0"



2
L1.0
COMPOSITE FIRST FLOOR PLAN
1/32" = 1'-0"



1
L1.0
COMPOSITE BASEMENT FLOOR PLAN
1/32" = 1'-0"

BUILDING CODE SUMMARY

PROJECT: IMMANUEL LUTHERAN CHURCH AND SCHOOL
ADDRESS: 47120 ROMEO PLANK ROAD
MACOMB, MI 48044
PROPOSED USE: K-12 EDUCATIONAL FACILITY

REFERENCE CODES:

NFPA: 2012 LIFE SAFETY CODE, 2012 EDITION
BUILDING: 2012 MICHIGAN BUILDING CODE
MECHANICAL: 2012 MICHIGAN BUILDING CODE
PLUMBING: 2012 MICHIGAN BUILDING CODE
ELECTRICAL: 2014 MICHIGAN ELECTRICAL CODE
RENOVATION: 2012 MICHIGAN REHABILITATION CODE

BUILDING DATA

USE GROUP: E

() ASSEMBLY: _____ () INSTITUTIONAL: 1-3 CONDITIONS IV
() BUSINESS: _____ () MERCHANTILE
(X) EDUCATIONAL: _____ () RESIDENTIAL:
() FACTORY-INDUSTRIAL-LOW HAZARD () STORAGE-LOW HAZARD
() FACTORY-INDUSTRIAL-MODERATE HAZARD () STORAGE-MODERATE HAZARD
() HIGH HAZARD: _____ () UTILITY, MISCELLANEOUS

CONSTRUCTION TYPE:

() TYPE 1A - PROTECTED () TYPE 3 - PROTECTED
() TYPE 1B - PROTECTED () TYPE 3 - UNPROTECTED
() TYPE 2A - PROTECTED () TYPE 4 - HEAVY TIMBER
() TYPE 2B - PROTECTED () TYPE 5 - PROTECTED
(X) TYPE 2B - UNPROTECTED () TYPE 5 - UNPROTECTED

() MIXED CONSTRUCTION TYPE: _____

SPRINKLED? () REQUIRED () PROVIDED (X) PARTIAL

BUILDING HEIGHT PERMITTED: 55'
ACTUAL BUILDING HEIGHT: 30' (AT 2-STORY CR ADDITION)
36' (AT GYM ROOF)
36' (AT MID-POINT OF GYM ROOF)

MEZZANINE: () YES (X) NO

HIGH RISE: () YES (X) NO

GROSS BUILDING AREA (EXISTING):

BASEMENT LEVEL: 18,211 S.F.

GRADE LEVEL: 45,147 S.F.

GROSS BUILDING AREA (NEW):

GRADE LEVEL: 23,022 S.F.

SECOND LEVEL: 7,725 S.F.

NOTE: 2 FIREWALL CONSTRUCTION IS TO SEPARATE THE EXISTING BUILDING FROM THE NEW ADDITION. (MBC SECT. 706)

NEW ADDITION AREA (MBC TABLE 503):

ALLOWED: 14,500 S.F. PER STORY

ACTUAL: 23,022 S.F. GRADE LEVEL

ACTUAL: 7,725 S.F. SECOND LEVEL

AREA MODIFICATION APPLIED (MBC SECT. 506.1):

A₀ = ALLOWABLE AREA

A₀ = A₁ + [A₂ x I₂] + [A₃ x I₃]

A₁ = 14,500 S.F.

I₂ = 200% INCREASE FOR 2-STORY BUILDING, FULLY FIRE SUPPRESSED

SO:

A₀ = 14,500 S.F. + [14,500 S.F. x 0.8] + [14,500 S.F. x 200%]

A₀ = 14,500 S.F. + 0 S.F. + 29,000 S.F. = 43,500 S.F. PER STORY

CONCLUSION:

NEW ADDITION GRADE LEVEL = 23,022 S.F. WHICH IS LESS THAN MAX ALLOWED OF 43,500 S.F. = ADDITION COMPLIES (ADDITION IS SEPARATED FROM EXISTING BUILDING BY 2-HOUR FIRE WALL CONSTRUCTION - MBC SECT. 706)

LIFE SAFETY SYSTEMS

EMERGENCY LIGHTING AND EXIT SIGNS (X) REQUIRED (X) PROVIDED
FIRE ALARMS (X) REQUIRED (X) PROVIDED
SMOKE DETECTION SYSTEMS (X) REQUIRED (X) PROVIDED
PANIC HARDWARE (X) REQUIRED (X) PROVIDED
FIRE SUPPRESSION SYSTEM (X) REQUIRED (X) PROVIDED
STANDPIPE SYSTEM (X) REQUIRED (X) PROVIDED

EXIT REQUIREMENTS - NEW ADDITION:

DEAD END LIMIT - MAXIMUM CONDITION (MBC SECT. 1018.4):

ALLOWED: 50' = MBC, 30' = NFPA 101

ACTUAL: 14'

TRAVEL DISTANCE TO EXIT - MAXIMUM CONDITION (MBC TABLE 1016.2):

ALLOWED: 250'

ACTUAL: 130'

COMMON PATH OF TRAVEL (MBC SECT. 1014.3):

ALLOWED: 75'

ACTUAL: 33'

NUMBER OF EXITS (MBC SECT. 1021):

REQUIRED: 2

PROVIDED: 11

STAR CONSTRUCTION (MBC SECT. 1009.3.1.2):

CONSTRUCTION IS 1-HOUR FIRE RATED WITH 60 MIN DOOR OPENING PROTECTION

ESCAPE WINDOW REQUIREMENT (MBC SECT. 1029):

ALLOWED: ADDITION IS FULLY SPRINKLED (SECT. 1029.1 - EXCEPTION NO. 1)

CORRIDOR FIRE RATING

NO FIRE RATING REQUIRED IN FULLY SUPPRESSED ADDITION

DESIGN LOADS: (SEE STRUCTURAL DRAWINGS)

BUILDING CODE PLAN LEGEND:

- NEW 2 HOUR FIRE WALL SEPARATION (2012 MBC SECTION 706) WITH 90 MIN. DOOR OPENING PROTECTION
- NEW 1 HOUR SMOKE TIGHT WALL UP TIGHT TO UNDERSIDE OF ROOF DECK WITH 60 MIN. DOOR OPENING PROTECTION
- EXISTING 1 HOUR FIRE RATED SMOKE TIGHT WALL TO UNDERSIDE OF ROOF DECK
- NEW WALLS SMOKE TIGHT TO UNDERSIDE OF ROOF DECK (MBC SECT.)
- NEW 2 HOUR FIRE RATED SEPARATION TO ENCLOSE NEW STUDENT OCCUPIED "WINDOWLESS ROOM" CREATED BY ADDITION. NEW ROOM IS TO BE FULLY SPRINKLED, BE SEPARATED FROM REMAINDER OF BUILDING BY 2 HOUR RATED CONSTRUCTION AND TO PROVIDE EXITS THRU 2 SEPARATE ATMOSPHERES TO COMPLY WITH BFS POLICY NUMBER 5-24
- EXISTING 2 HOUR FIRE RATED SMOKE TIGHT WALL TO UNDERSIDE OF ROOF DECK
- EXISTING BUILDING CONSTRUCTION TO BE REMODELED
- EXISTING BUILDING AREA WITH FULL FIRE SUPPRESSION
- EGRESS DOOR LOCATION
- NEW ADDITION WITH FULL FIRE SUPPRESSION
- ADD FIRE SUPPRESSION TO NEW / EXISTING ROOM

LIFE SAFETY PLANS

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

DRAWN BY: _____ Author
CHECKED BY: _____ Checker

REVISIONS:
Construction Set
04/25/17

DATE: 03/10/17

SHEET NO.:

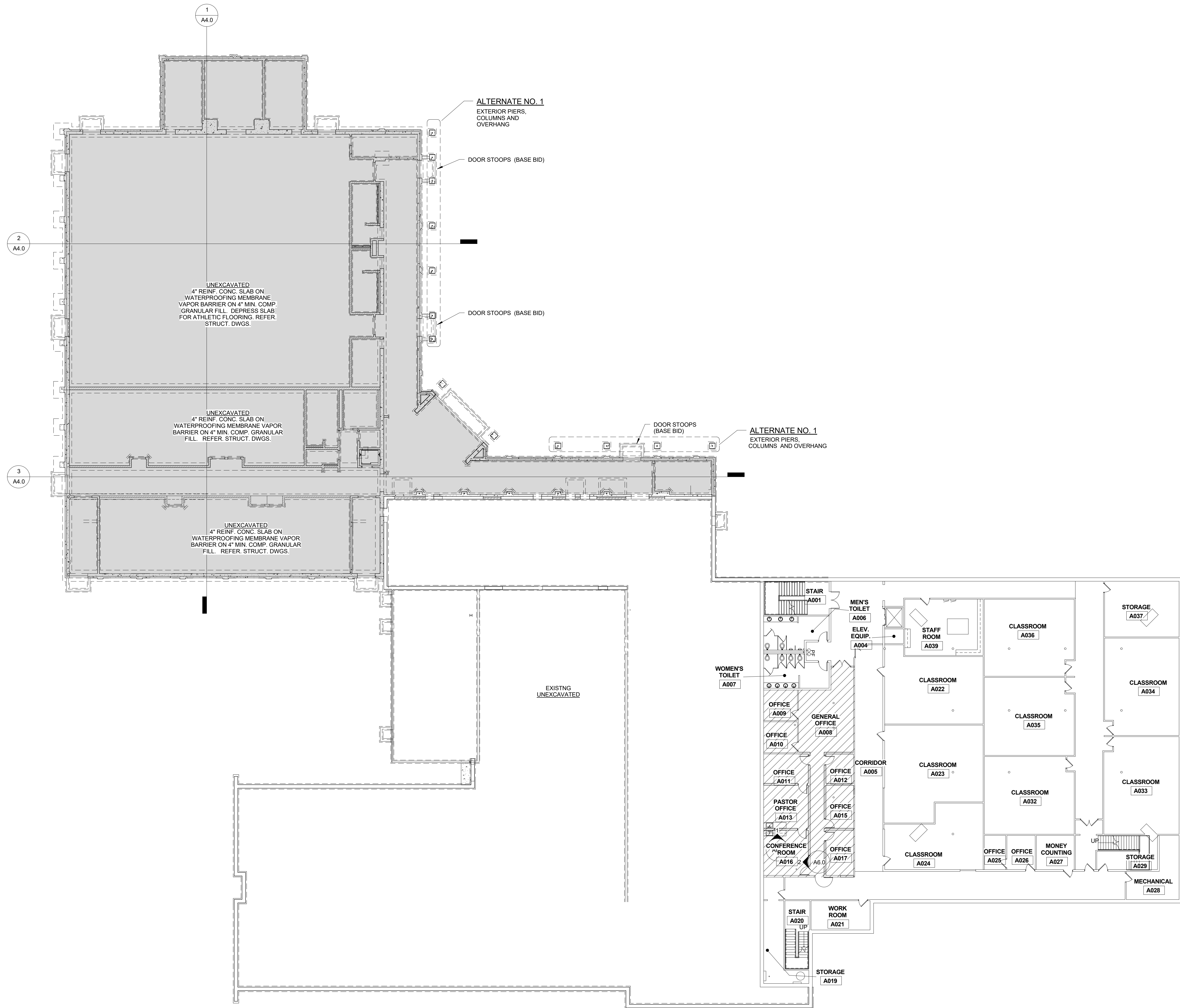
L1.0

JOB NO.: 141594

IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044BASEMENT FLOOR
COMPOSITE PLANPRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐DRAWN BY: KAN
CHECKED BY: BJSREVISIONS:
Construction Set
04/25/17DATE: 03/10/17
SHEET NO.:

A0.1

JOB NO.: 141594

BASEMENT COMPOSITE PLAN - NEW WORK
1/16" = 1'-0"

- ☒ ALTERNATE NO. 6
- ☐ EXISTING - NO NEW WORK
- ☐ NEW ADDITION
- ☐ EXISTING TO BE RENOVATED

IMMANUEL LUTHERAN CHURCH & SCHOOL CLASSROOM & GYMNASIUM ADDITION

47120 Romeo Plank Road, Macomb, MI 48044

FIRST FLOOR COMPOSITE
PLAN

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

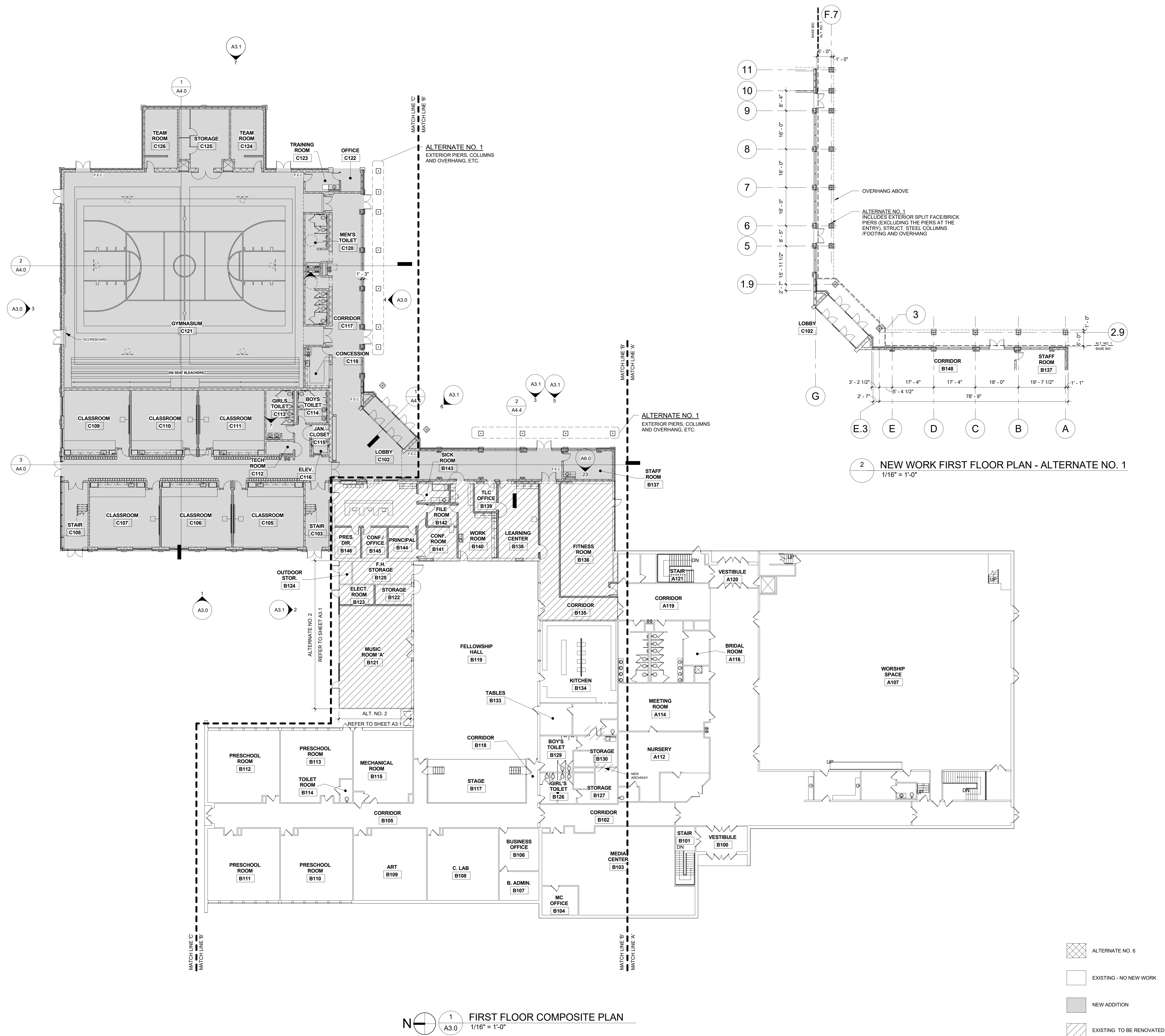
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REVISIONS:
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DATE: 03/10/17
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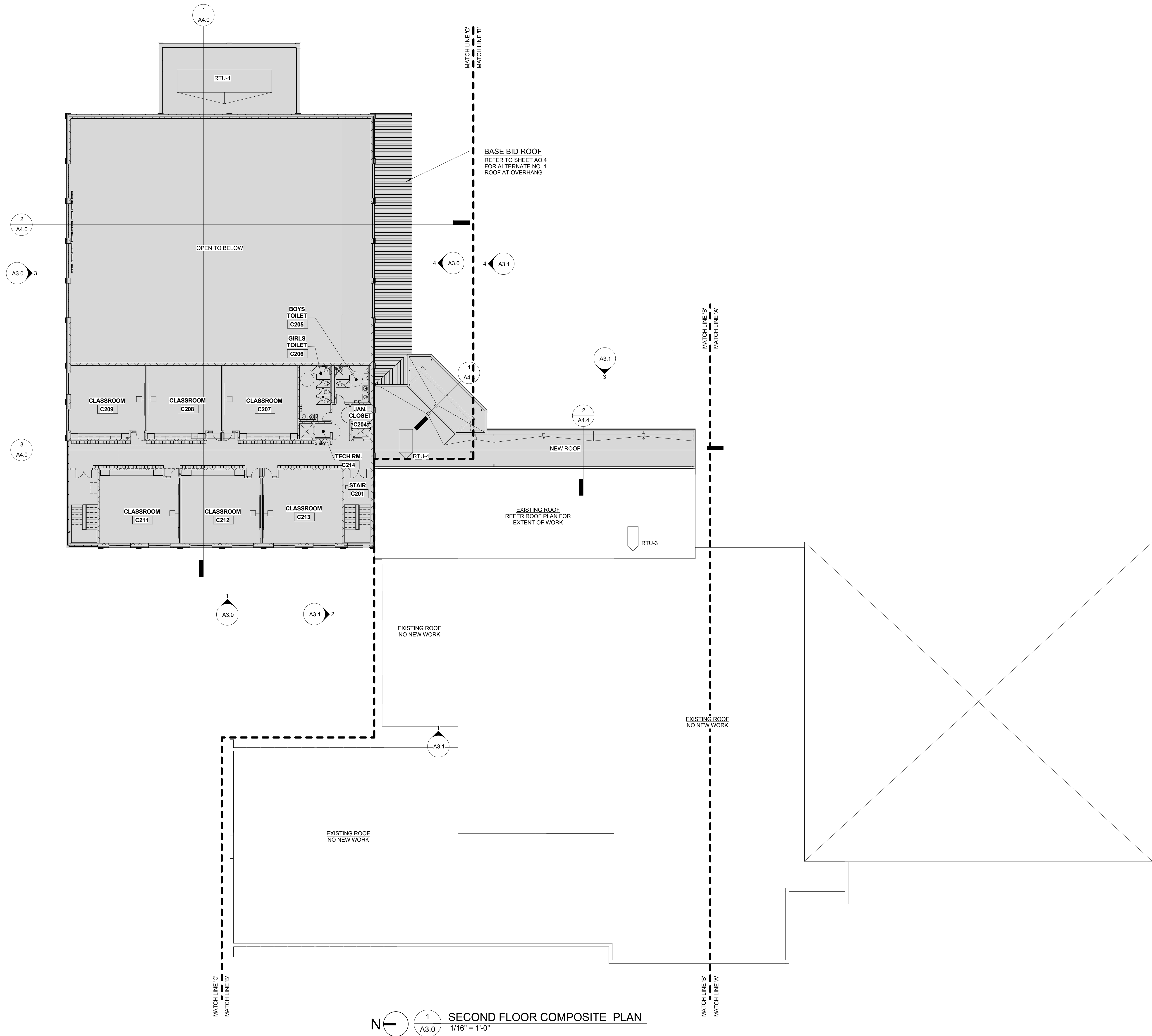
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IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044SECOND FLOOR COMPOSITE
PLANPRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐DRAWN BY: KAN
CHECKED BY: BJSREVISIONS:
Construction Set
04/25/17DATE: 03/10/17
SHEET NO.:

A0.3

JOB NO.: 141594



- ALTERNATE NO. 6
- EXISTING - NO NEW WORK
- NEW ADDITION
- EXISTING - TO BE RENOVATED

**IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION**
47120 Romeo Plank Road, Macomb, MI 48044

COMPOSITE ROOF PLAN

PRELIMINARY	<input type="checkbox"/>
DESIGN DEVELOPMENT	<input type="checkbox"/>
CONSTRUCTION	<input checked="" type="checkbox"/>
FINAL RECORD	<input type="checkbox"/>

RAWN BY: KAN
CHECKED BY: BJS

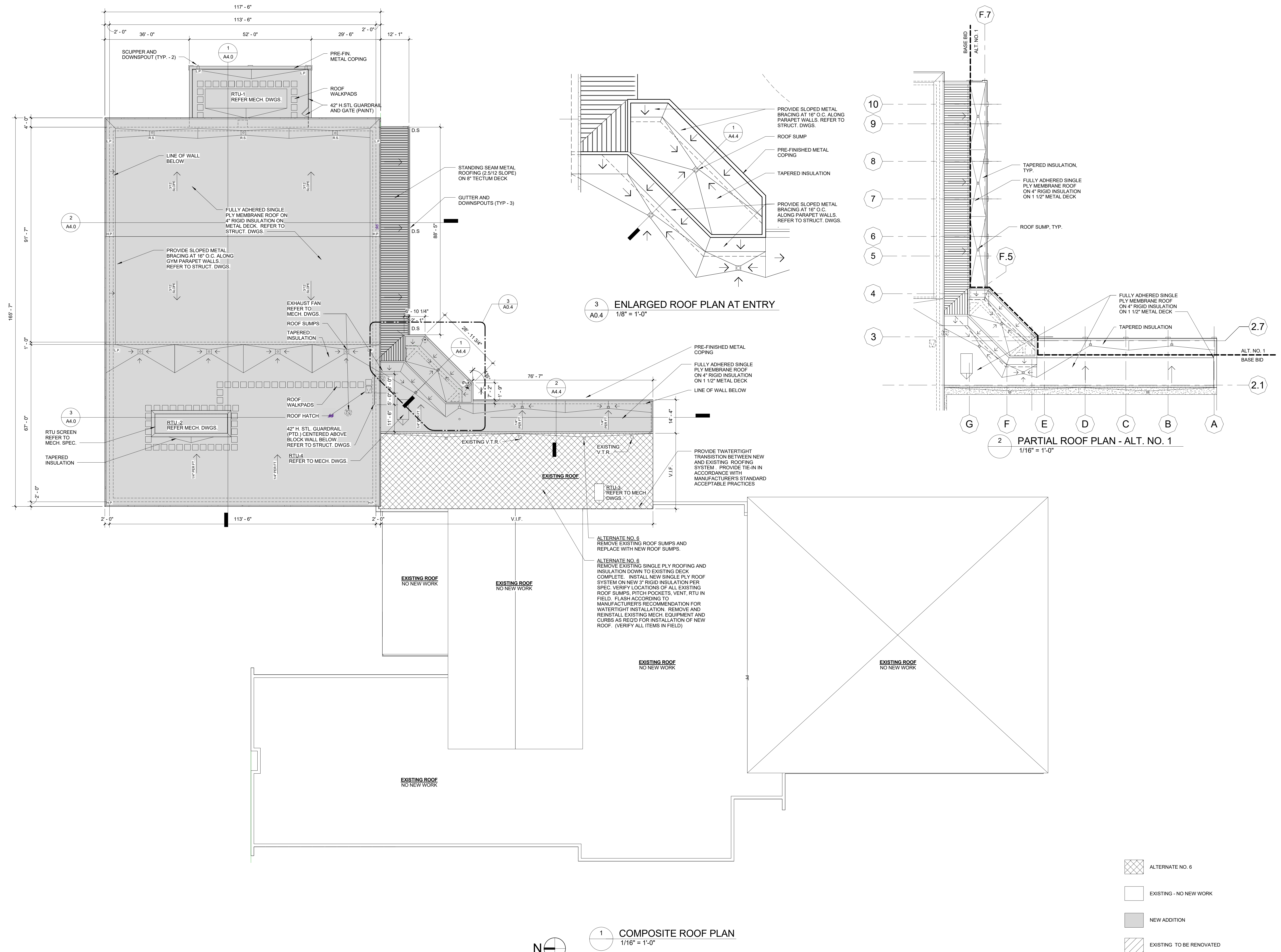
REVISIONS:
Construction Set
1/25/17

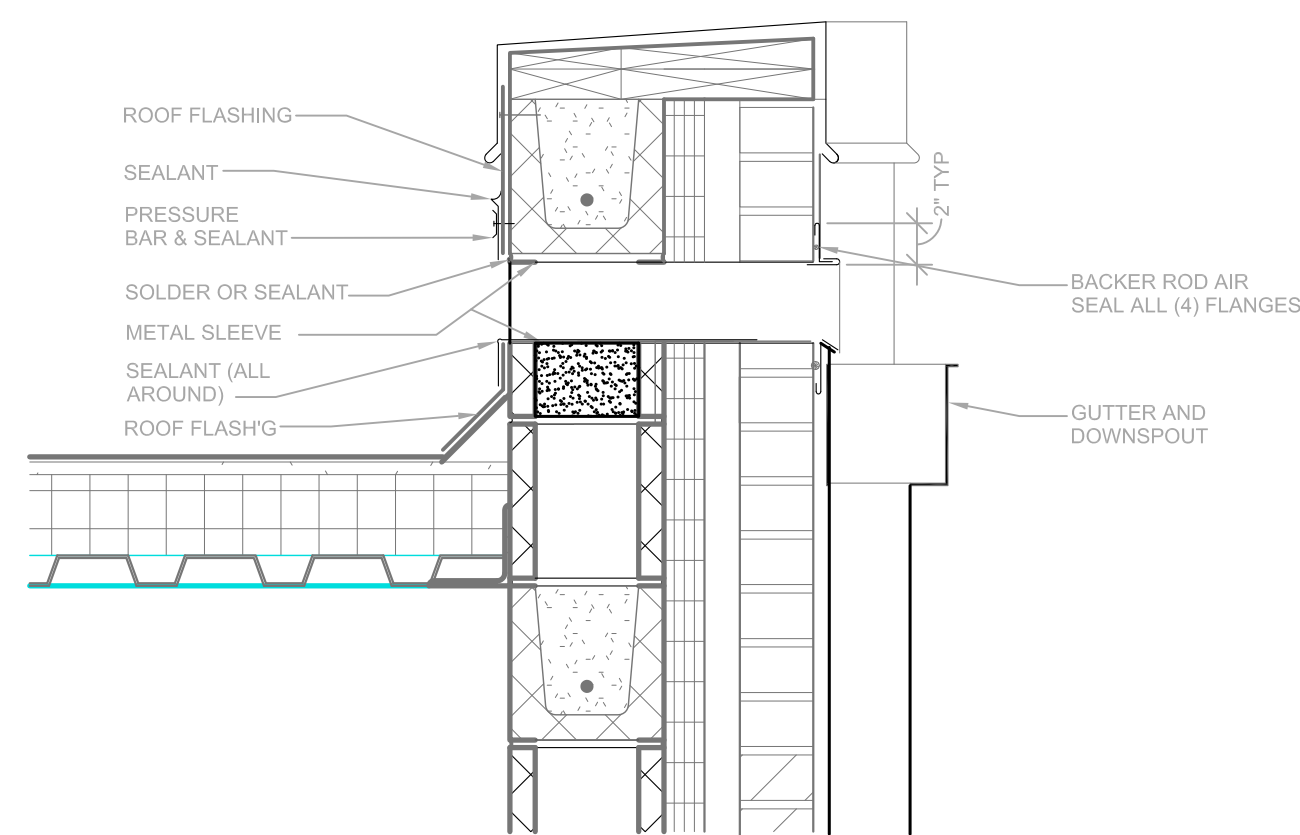
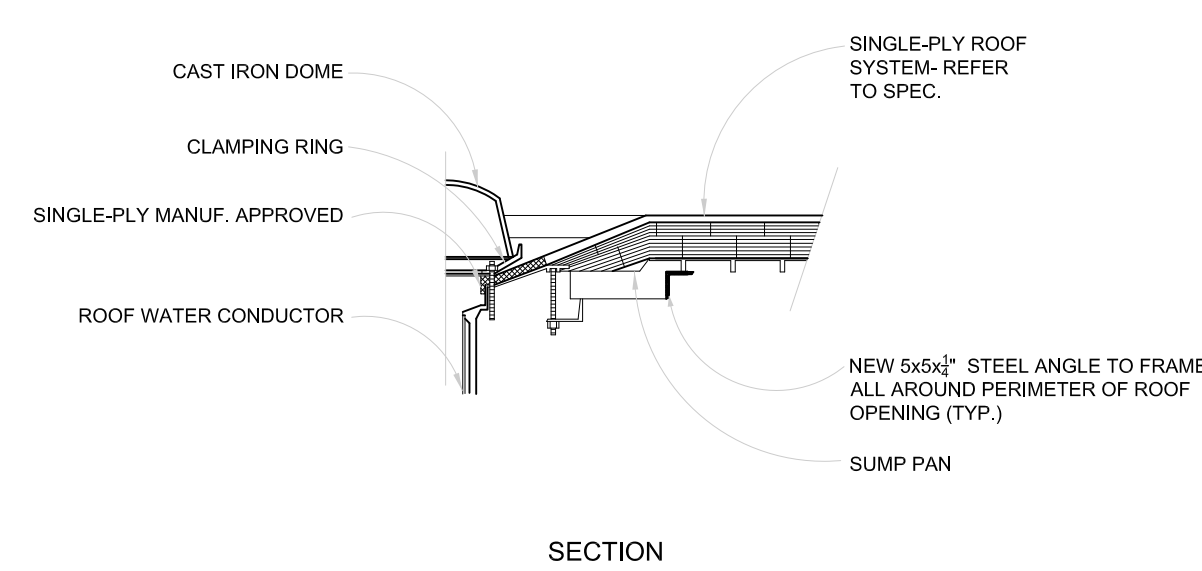
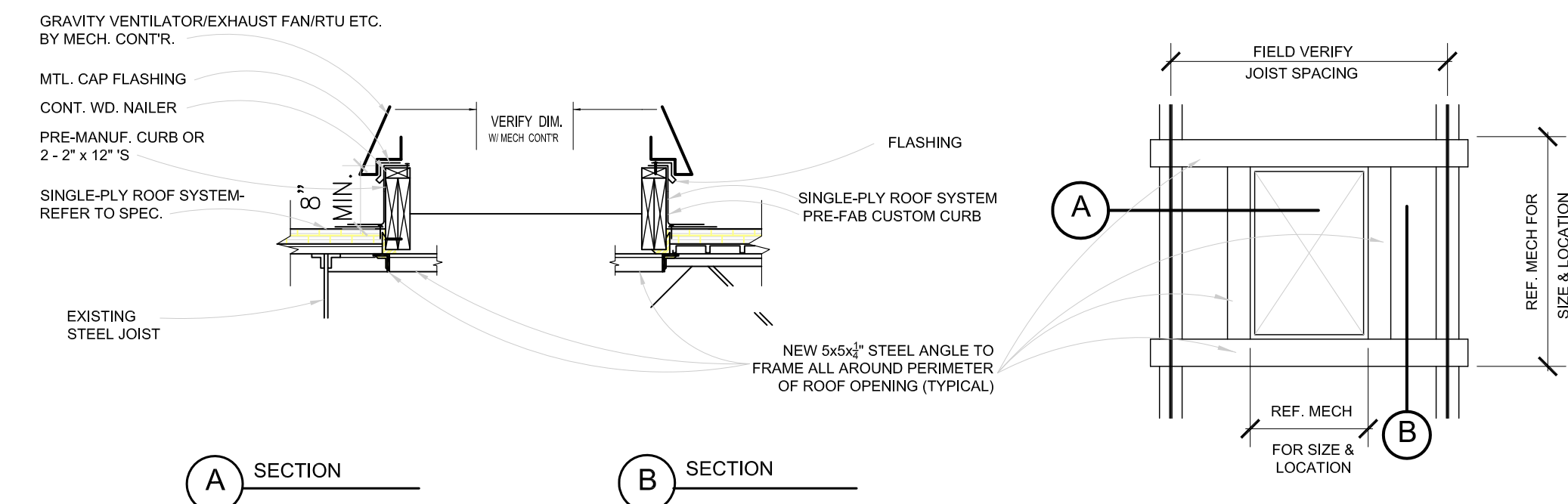
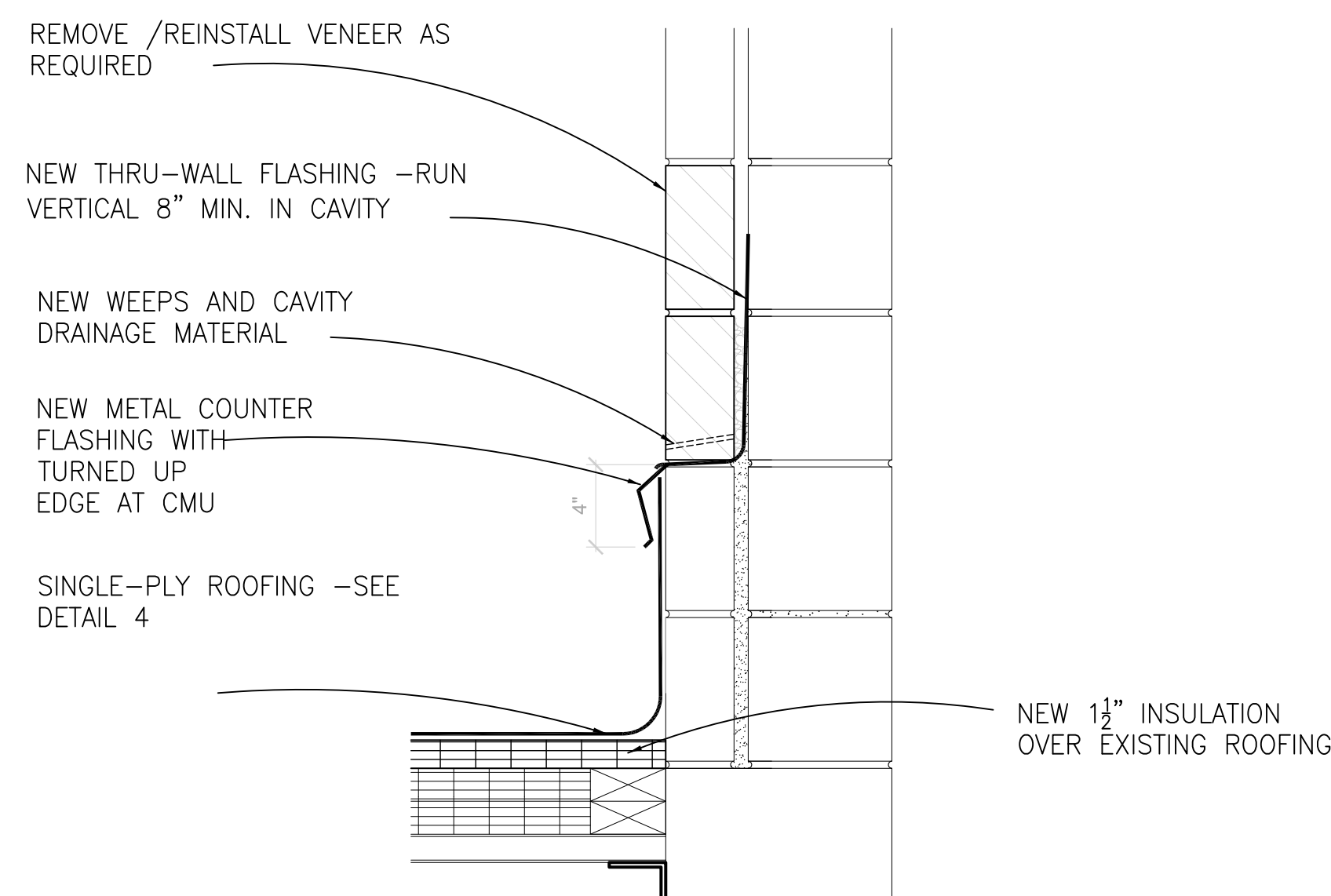
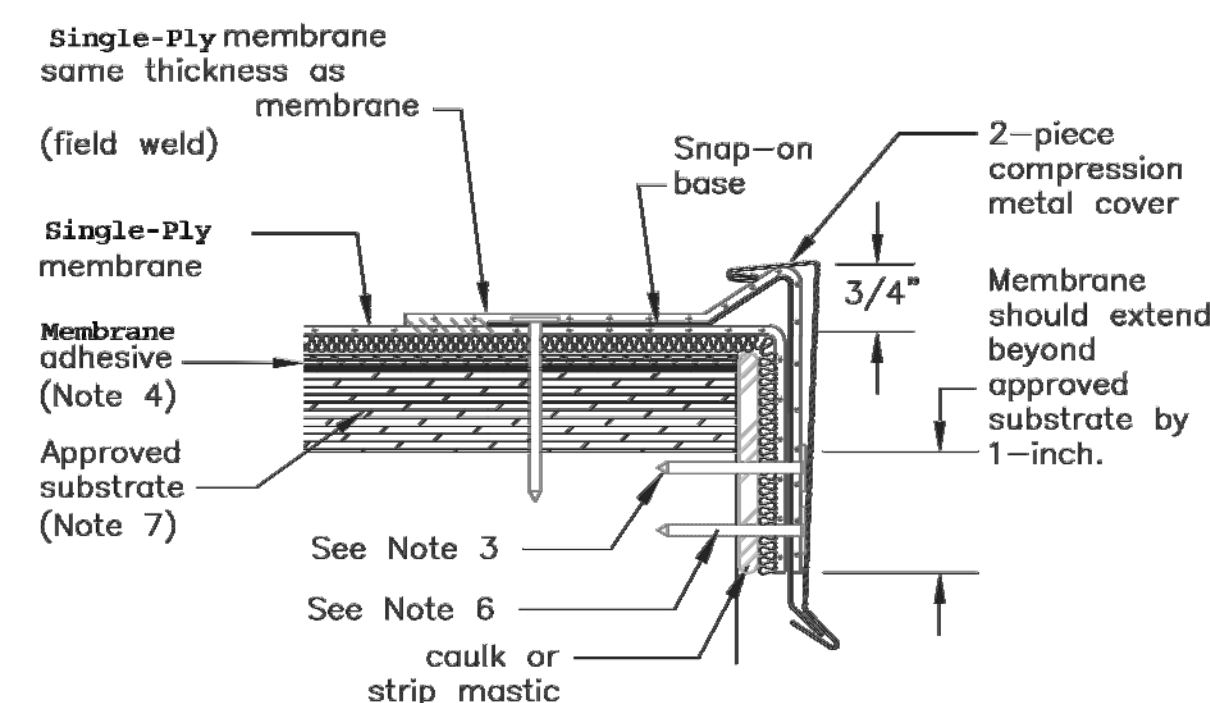
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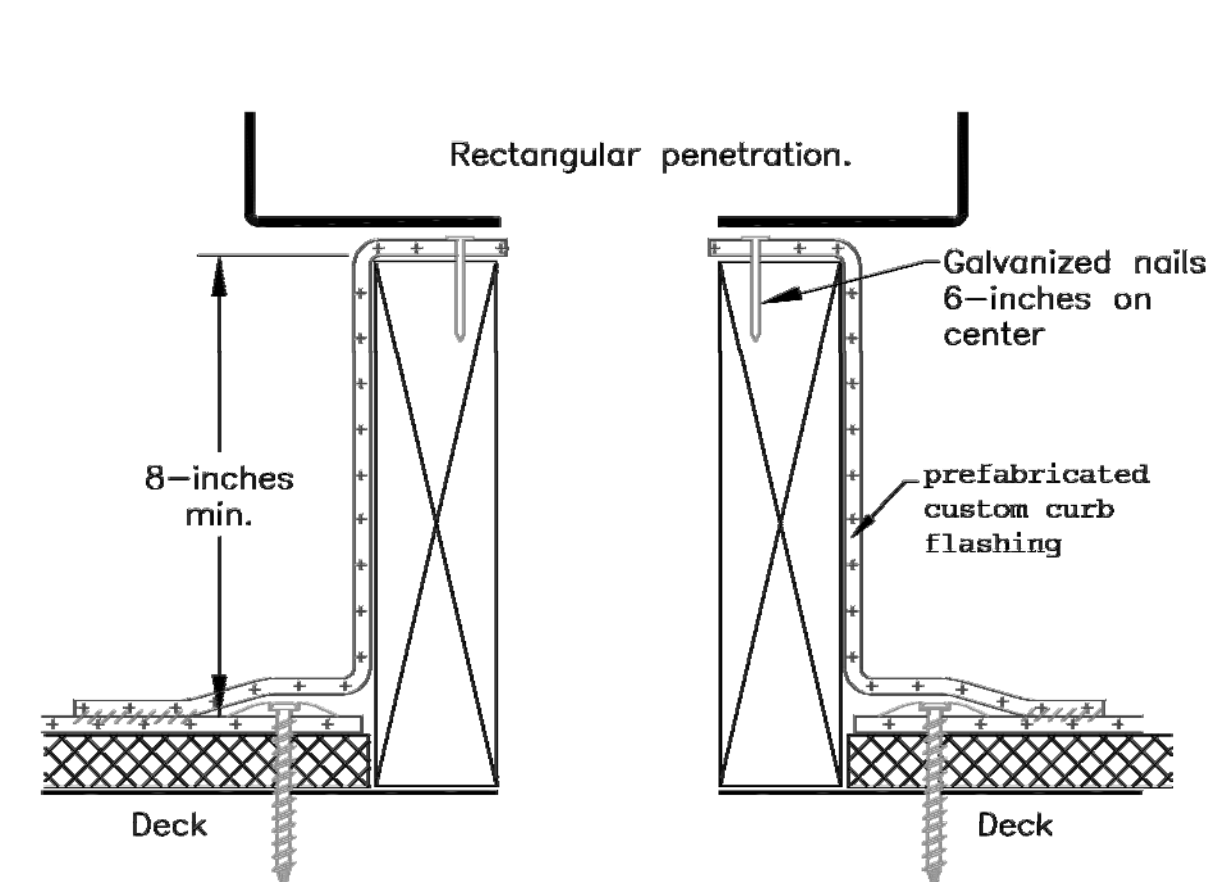
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OB NO.: 141594

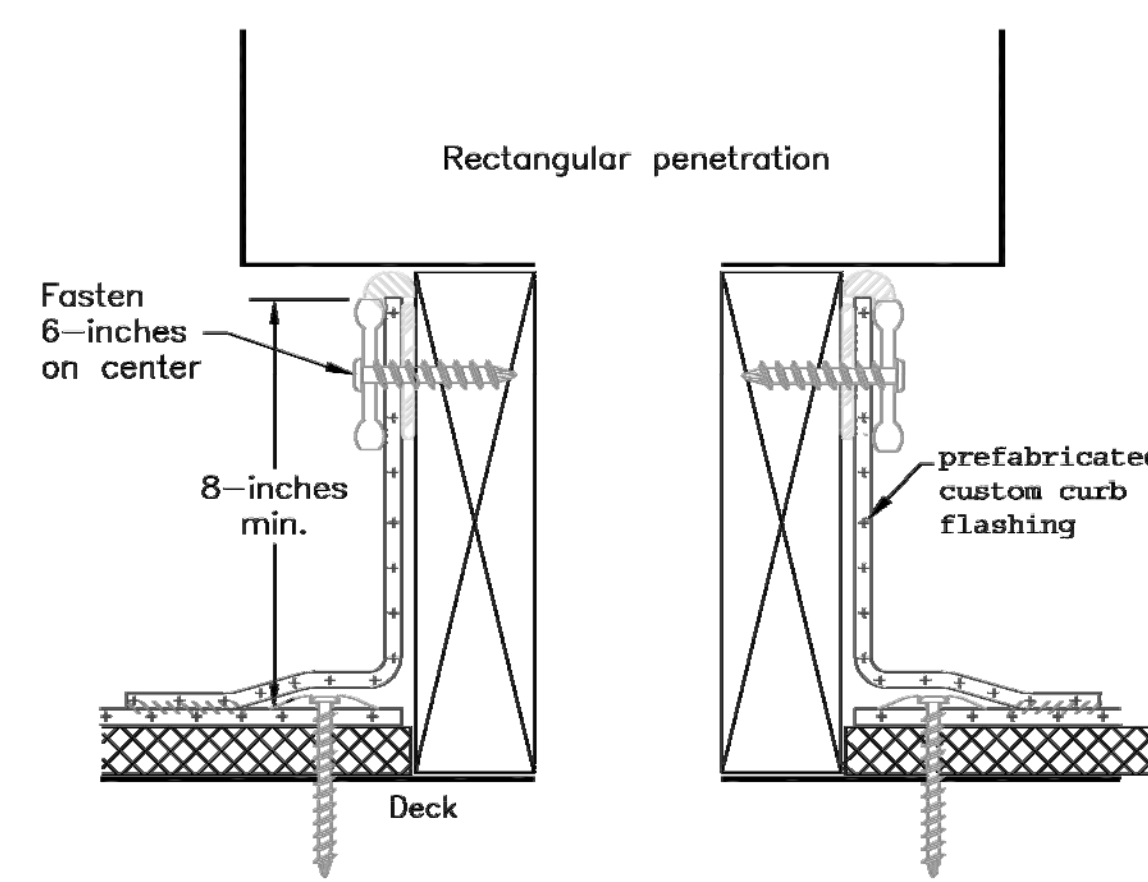


IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM AND GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 4804412 TYP. SCUPPER DETAIL
NO SCALE11 TYP. ROOF SUMP DETAIL
NO SCALE10 TYP. ROOF CURB DETAIL AT NEW ROOF OPENINGS
NO SCALE9 SECTION DETAIL AT NEW FLASHING/ WEEPS
SCALE: 1 1/2" = 1'-0"

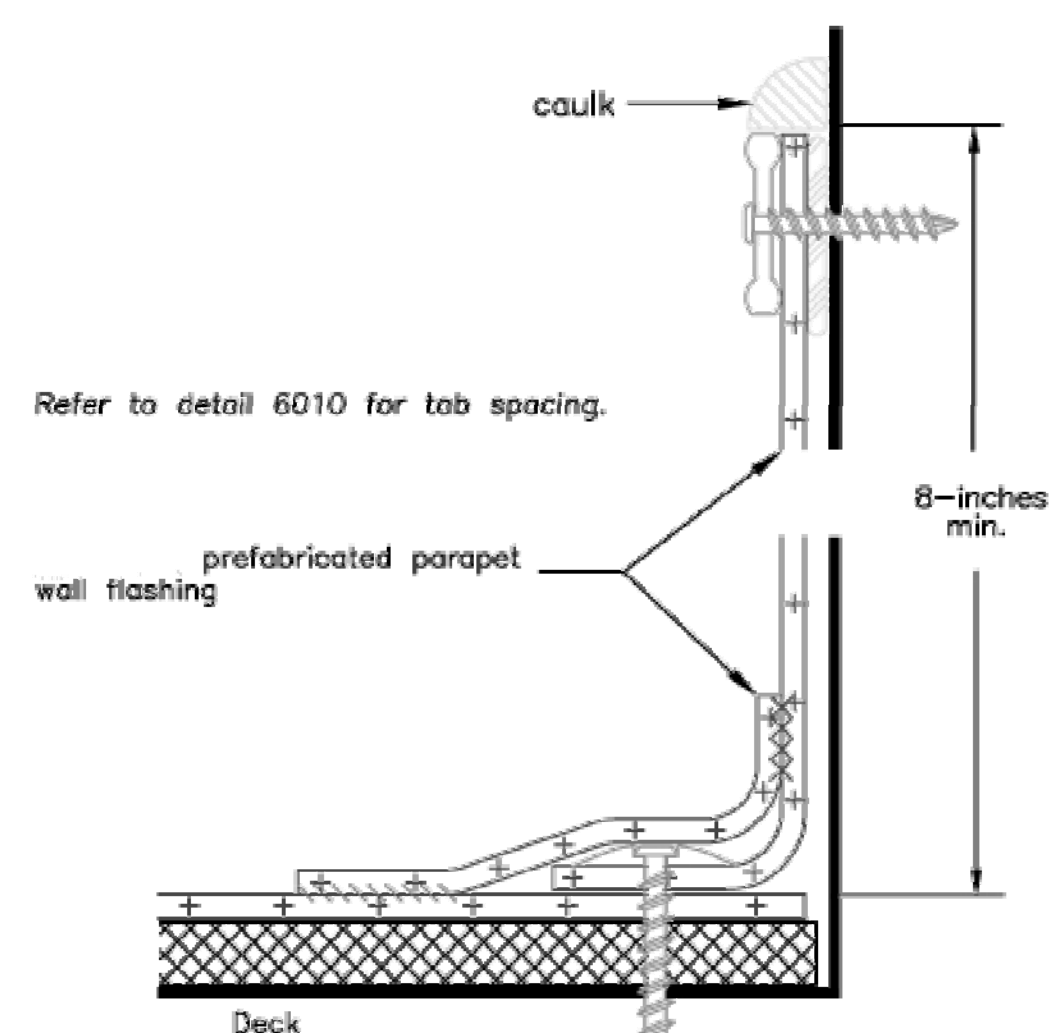
- Note 1: This detail is not allowed when roof slope exceeds 2-inches per 12-inches.
- Note 2: A wood nailer is required if one or more inches of insulation is used. Top of wood nailer is to be flush with top of insulation. Wood nailer must extend at least 1/2-inch beyond the horizontal edge of the snap-on base.
- Note 3: The fasteners used to attach the snap-on base and the membrane to the nailer or into an approved structural surface must be spaced no greater than 6-inches on center. When installing within 10-feet of an outside corner the fastening pattern is 3-inches on center.
- Note 4: For approved adhesives refer to the membrane Roofing System specification.
- Note 5: Allow for 1/8-inch expansion gap between 10-foot lengths of snap-on base. Overlap the snap-on covers by 2-inches between 10-foot lengths.
- Note 6: When installing this detail with a 6 to 13-inch wide metal cover, fasteners must be located within 2-inches of the kick-out.
- Note 7: For substrate options see the membrane Roofing System specification.

8 ROOF PARAPET DETAIL
NO SCALE

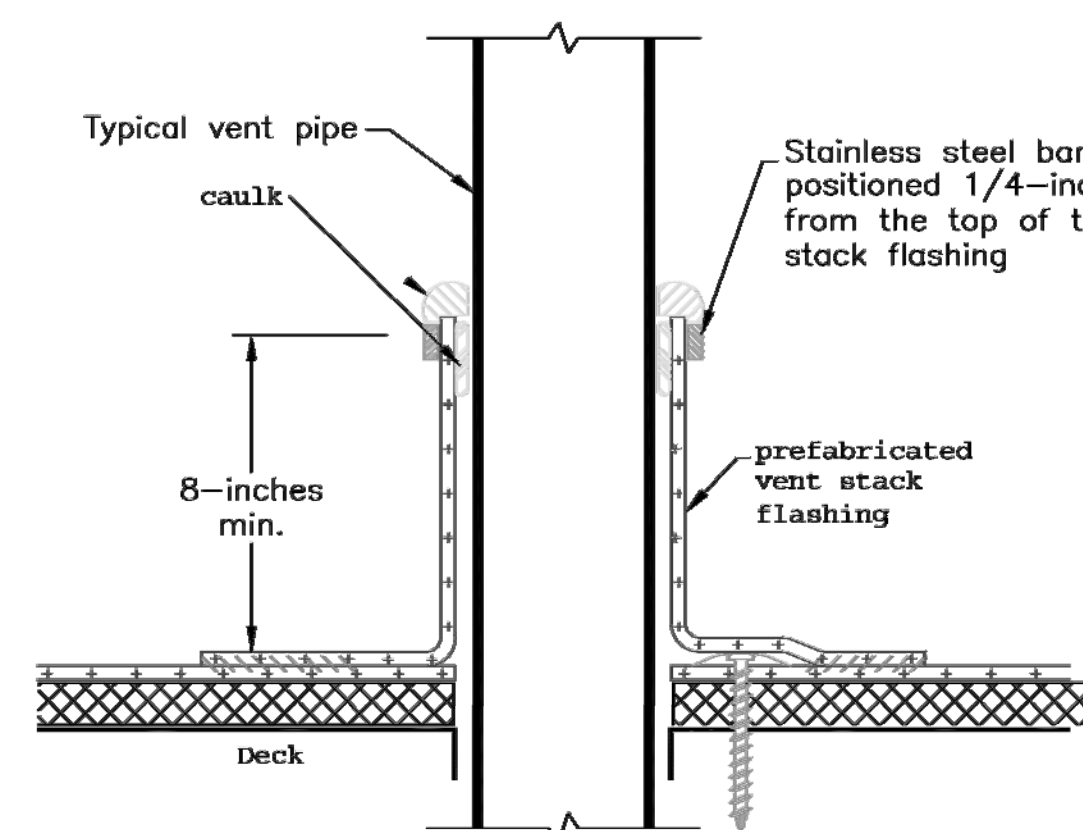
- Note: Perimeter fastening of the deck membrane will be the same fastening pattern as the field membrane, max. 18-inches on center, and no less than one fastener per side.

7 NEW ROOF CURB DETAIL
NO SCALE

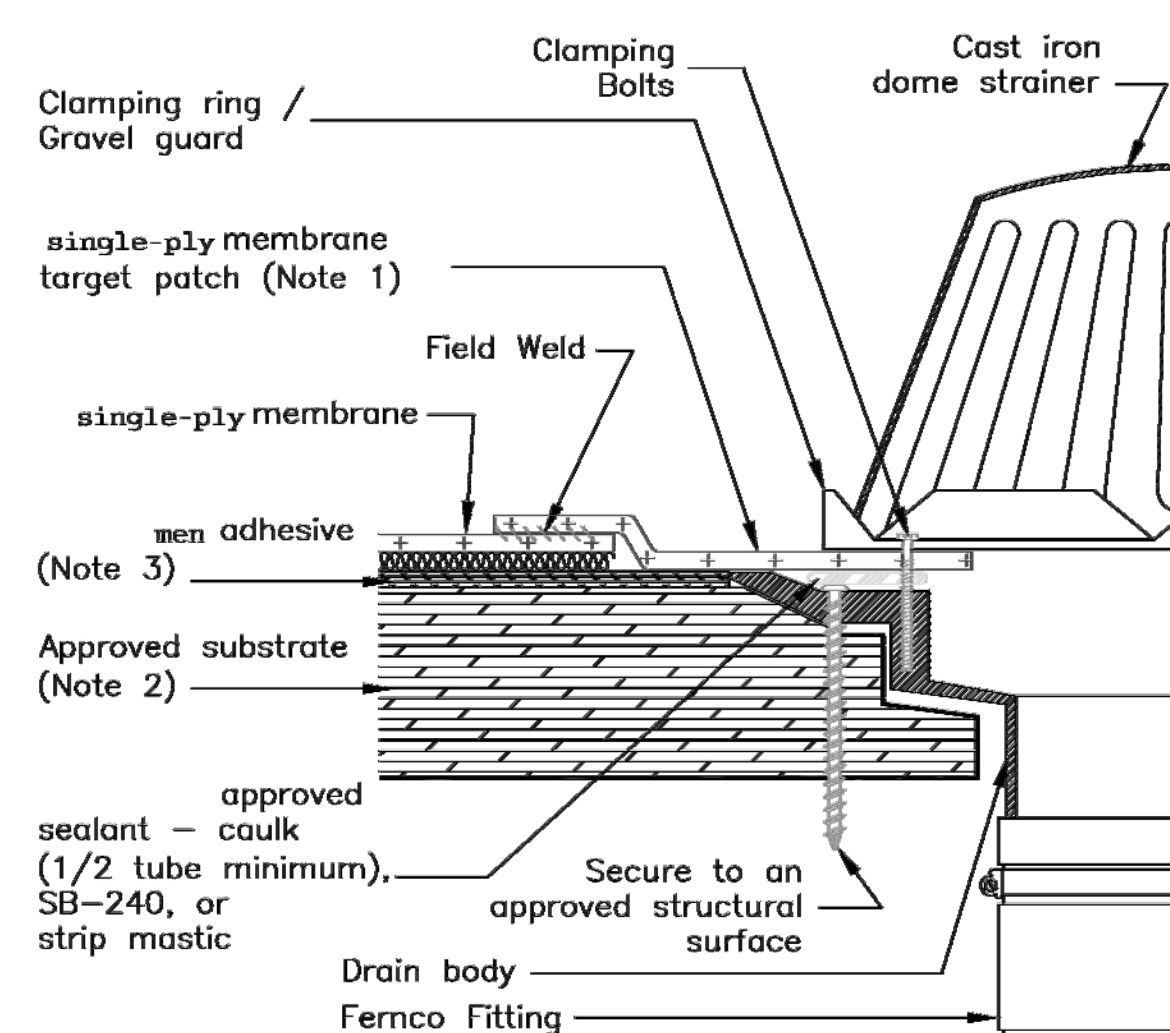
- Note 1: Perimeter fastening of the deck membrane will be the same fastening pattern as the field membrane, max. 18-inches on center, and no less than one fastener per side.
- Note 2: All termination bar to have a fastener 1-inch max. from each corner.

6 EXISTING ROOF CURB DETAIL
NO SCALE

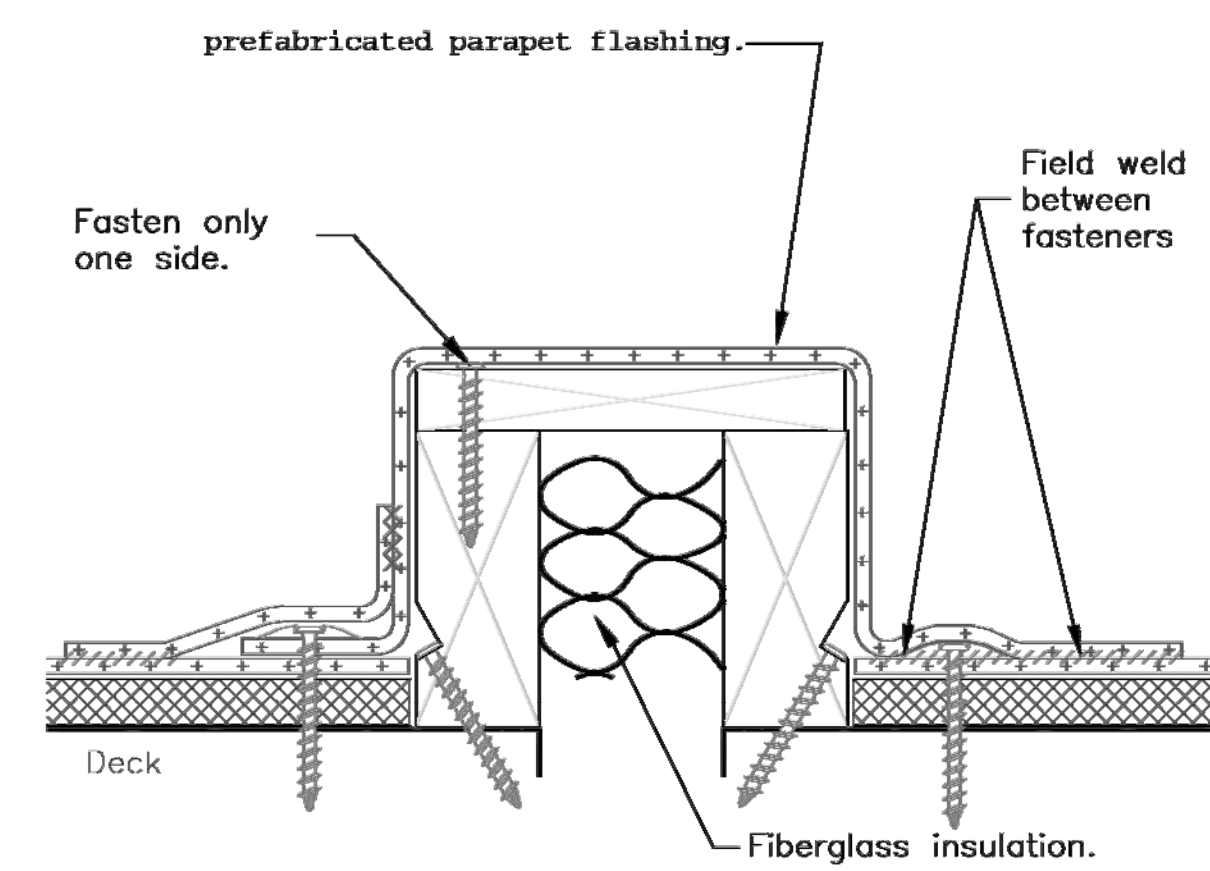
- Note 1: Fascia bar and cover may be used in place of the termination bar.
- Note 2: The substrate must be free and clear of debris at and below the termination point.
- Note 3: When attaching the parapet flashing to the substrate, the appropriate fastener must be used. The fastener for the wall flashing may be different than the fastener used on the horizontal roof decking.

5 WALL TERMINATION DETAIL
NO SCALE

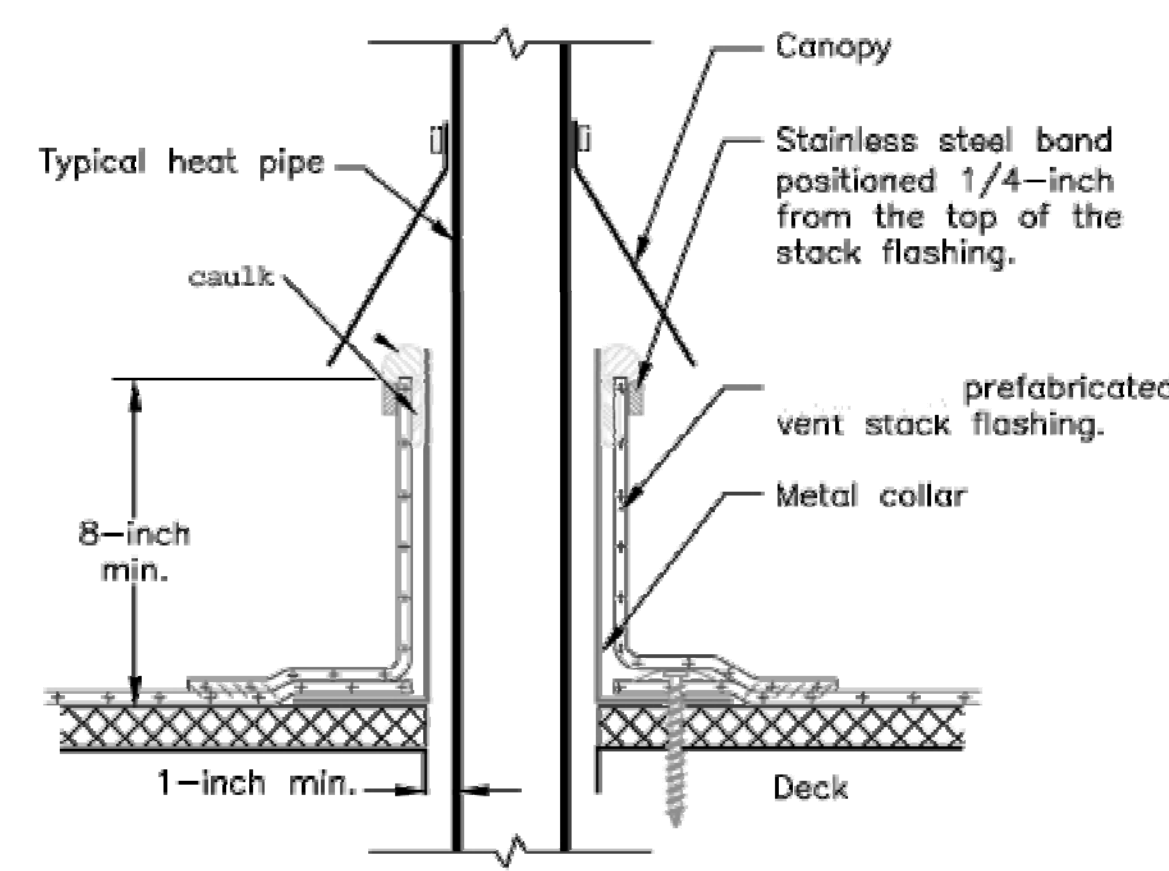
- Note 1: If a lead flashing is present on the pipe, it must be removed before a stack flashing is installed.
- Note 2: Membrane attachment around the penetration will be the same as the deck membrane, max. 18-inches on center, and a minimum of one plate/fastener per flashing.

4 VENT STACK/PIPE PENETRATION DETAIL
NO SCALE

- Note 1: Target patch must extend beyond drain sump so that no hot-air welding is done within the sump. If no sump is present the target patch must extend beyond the drain assembly a minimum of 12 inches in all directions. The target patch must be the same mil thickness as the roof membrane.
- Note 2: For substrate options refer to the membrane Roofing System specification.
- Note 3: For approved adhesives refer to the membrane Roofing System specification.

3 ROOF SUMP DETAIL
NO SCALE

- Note 1: Tabs that are parallel to the expansion joint must be mechanically fastened with the same fastening pattern used on the membrane in the field area.
- Note 2: Leave the membrane covering the expansion joint loose enough to allow for movement of the building on either side of the joint.

2 ROOF CURB DETAIL
NO SCALE

- Note 1: Membrane attachment around the penetration will be the same as the deck membrane, max. 18-inches on center, and a minimum one plate/fastener per flashing.
- Note 2: This detail required around pipes that exceed 120°F, including all insulated chimney pipes.
- Note 3: A minimum of 1-inch air space is required between collar and hot pipes having temperatures greater than 120° F. Position canopy to allow air flow above termination.

1 PIPE DETAIL
NO SCALE

ROOF DETAILS

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

DRAWN BY: KAN
CHECKED BY: BJS

REVISIONS
CONSTRUCTION SET 04/25/17

DATE: 03/10/17

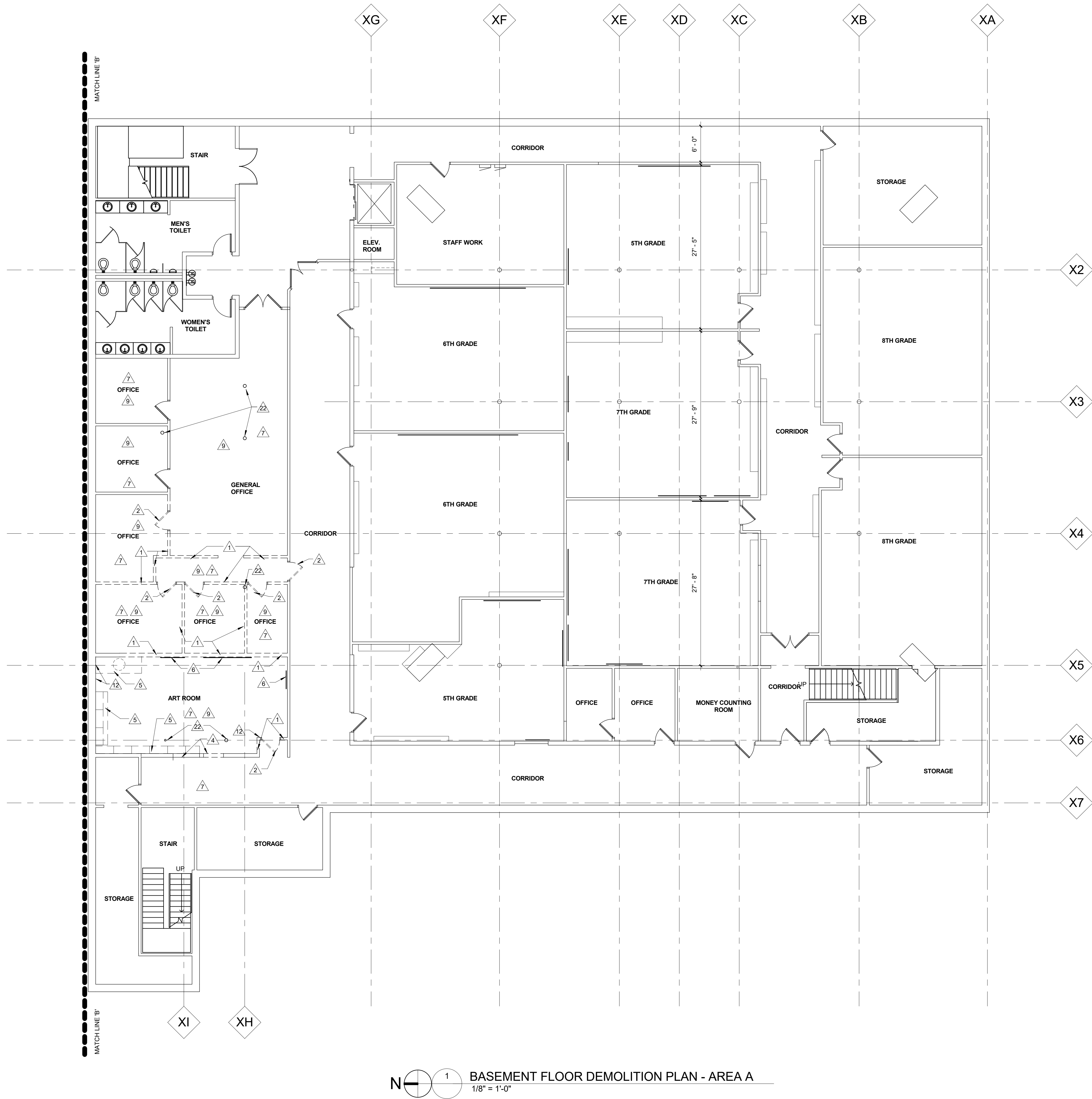
SHEET NO.

A0.4A

JOB NO. 141594

DEMOLITION PLAN NOTES:

1. REMOVE EXISTING WALL CONSTRUCTION COMPLETE SHOWN DASHED. PATCH ADJACENT WALLS FLUSH AND FLOORS LEVEL. EXISTING COLUMNS TO REMAIN U.N.O.
2. REMOVE EXISTING DOOR, FRAME AND HARDWARE COMPLETE.
3. REMOVE EXISTING LOCKERS AND BASE COMPLETE. PATCH HOLES IN WALLS FLUSH. PATCH FLOORS LEVEL TO MATCH EXISTING FINISH.
4. REMOVE PORTION OF EXISTING WALL SHOWN DASHED FOR NEW DOOR OPENING. PATCH FLOOR LEVEL TO MATCH EXISTING FINISH. PROVIDE NEW LINTELS FOR OPENING.
5. REMOVE EXISTING BUILT-IN CABINETS COMPLETE. REINSTALL IN NEW LOCATION AS DIRECTED BY OWNER IN FIELD.
6. REMOVE EXISTING MARKER/TACK/CHALK BOARD COMPLETE ALONG ENTIRE WALL. PATCH HOLES - REMOVE GLUE PODS FROM WALLS AND REPAIR FLUSH AS REQUIRED. TURN BOARDS OVER TO OWNER.
7. REMOVE EXISTING FLOORING + BASE COMPLETE IN ENTIRE ROOM. SCRAPE MASTIC FROM CONCRETE SUB FLOOR.
8. REMOVE EXISTING WINDOW SYSTEM COMPLETE.
9. REMOVE EXISTING CEILING SYSTEM COMPLETE.
10. REMOVE EXISTING BUILT-IN WALL CUBBIES COMPLETE. REINSTALL IN NEW LOCATION AS DIRECTED BY OWNER IN FIELD.
11. REMOVE EXISTING WALL MOUNTED COUNTERTOP COMPLETE. PATCH HOLES IN WALLS FLUSH.
12. REMOVE EXISTING WALL MOUNTED PENCIL SHARPNER/PAPER TOWEL/SOAP DISPENSER COMPLETE. PATCH HOLES IN WALLS FLUSH.
13. REMOVE EXISTING WALL MOUNTED METAL COAT RACK/SHELVING UNIT COMPLETE. PATCH HOLES IN WALL FLUSH.
14. REMOVE / RELOCATE EXISTING RWC AND GYP. BD. WALL ENCLOSURE. CUT FLOOR AND PATCH AS REQUIRED FOR UNDERGROUND WORK. COORDINATE WITH MECHANICAL.
15. REMOVE PORTION OF EXISTING WALL SHOWN DASHED FOR NEW WINDOW (4' H x 6' W) OPENING. PATCH ADJACENT WALLS TO MATCH EXISTING FINISH. PROVIDE NEW LINTEL AT OPENING.
16. REMOVE PORTION OF EXISTING WALL SHOWN DASHED FOR NEW WINDOW (FULL HEIGHT) OPENING. PATCH FLOOR LEVEL AND ADJACENT WALLS TO MATCH EXISTING FINISH. PROVIDE NEW LINTEL AT OPENING.
17. REMOVE EXISTING WALL MOUNTED SHORT THROW PROJECTOR COMPLETE. REINSTALL IN NEW LOCATION AS DIRECTED BY OWNER IN FIELD.
18. REMOVE EXISTING OVERHANG COMPLETELY.
19. REMOVE EXISTING BRICK COMPLETELY. PREP WALL FOR NEW WORK.
20. ALTERNATE 2 - EXISTING METAL SIDING TO BE COVERED WITH NEW EIFS. REFER TO ELEVATIONS AND DETAILS.
21. SAWCUT/REMOVE EXISTING CONCRETE FLOOR FOR NEW UNDERGROUND PLUMBING. FILL WITH NEW 4" CONC. - ON COMP. FILL UPON COMPLETION OF WORK.
22. EXISTING STEEL COLUMNS TO REMAIN.
23. REMOVE/REINSTALL LAY-IN CEILING SYSTEM AS REQUIRED FOR NEW O.H. PIPING INSTALLATION.
24. REMOVE CONCRETE CURB FLUSH WITH CONC. FLOOR - PATCH LEVEL AS REQUIRED.

BASEMENT FLOOR DEMOLITION PLAN - AREA A
1/8" = 1'-0"

47120 Romeo Plank Road, Macomb, MI 48044

OB NO.: 141594



FLOOR PLAN GENERAL NOTES:

- FLOOR PLANS ARE DIMENSIONED TO NOMINAL PARTITION THICKNESS (TYP).
- ALL WALLS TO BE CMU TO UNDERSIDE OF STRUCTURE ABOVE AND FIRE STOPPED WITHIN FLUTES OF METAL DECK SYSTEM UNLESS OTHERWISE NOTED OR DETAILED. COPE AROUND STRUCTURE AND SEAL TIGHT ALL GAPS AND PENETRATIONS.
- PROVIDE BULLNOSE CMU ON ALL EXPOSED CMU CORNERS UNLESS OTHERWISE NOTED.
- VERIFY QUANTITY, SIZE AND LOCATION OF ALL FLOOR, ROOF AND WALL OPENINGS FOR MECHANICAL AND ELECTRICAL WORK WITH THE APPROPRIATE TRADE. PROVIDE ALL OPENINGS SHOWN OR REQUIRED FOR THE COMPLETION OF THE WORK.
- REFER TO ___ SERIES DRAWINGS FOR CASEWORK AND INTERIOR ELEVATIONS.
- SEE EXTERIOR ELEVATIONS FOR LOCATIONS OF CONTROL JOINTS IN EXTERIOR WALLS.
- ALL EXPOSED STEEL COLUMNS AND MISCELLANEOUS METALS SHALL BE PRIMED AND PAINTED
- REFER TO LS1.0 FOR FIRE RATING OF WALLS.

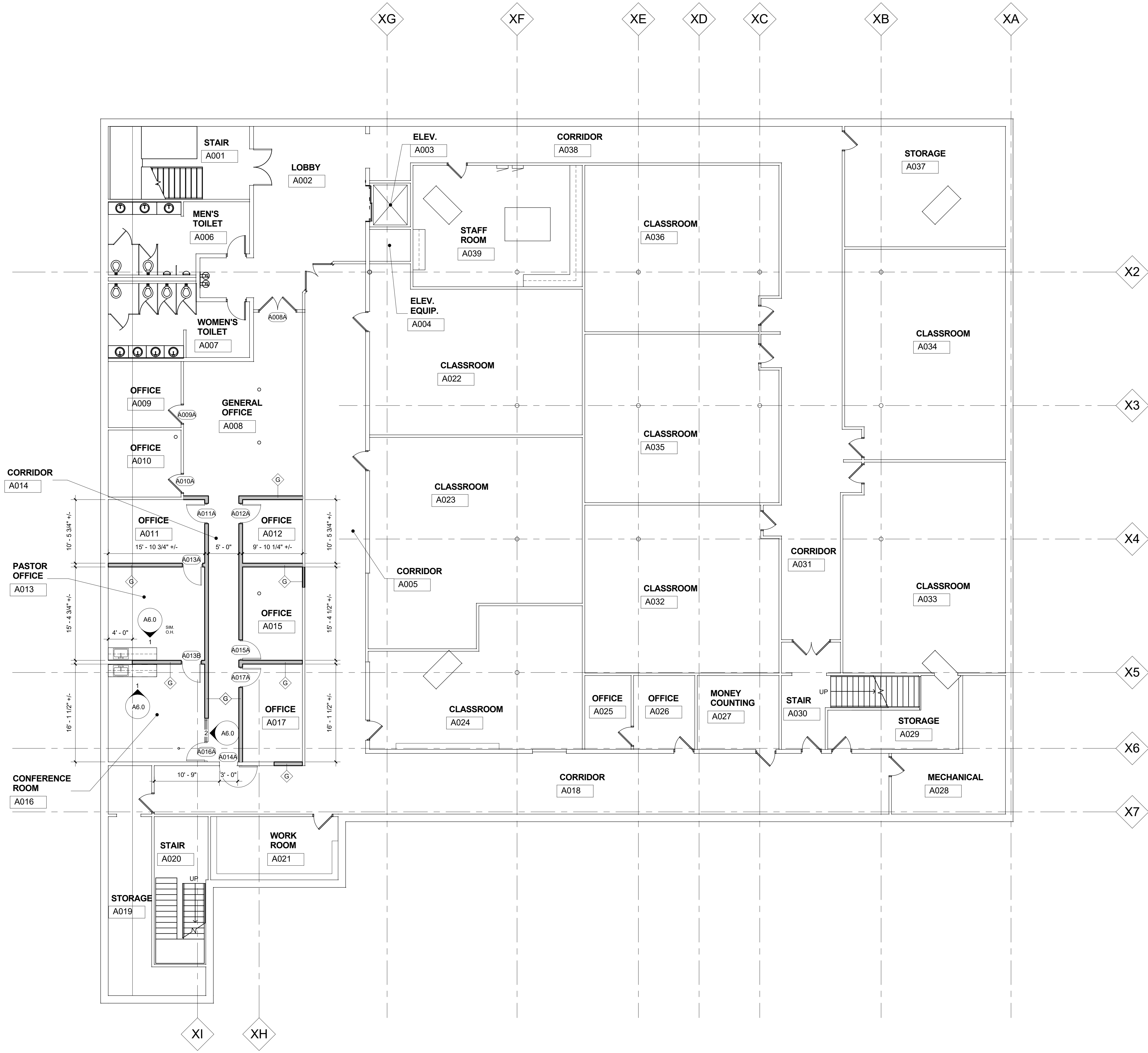
WALL TYPES

- NOTES:
- ALL MASONRY AND/OR GYP. BD. PARTITION WALLS TO BE TIGHT TO UNDERSIDE OF DECK AND WITH IN FLUTES OF METAL DECK SYSTEM UNLESS OTHERWISE INDICATED. COPE AROUND STRUCTURE AND SEAL SMOKE TIGHT ALL GAPS AND PENETRATIONS.
 - INTERSECTION BETWEEN RATED WALL SYSTEM AND DECK SYSTEM TO BE SEALED WITH APPROVED UL FIRE SPRAY MATERIAL.
 - FIRE WALLS TO EXTEND CONTINUOUS THROUGH BUILDING WITHOUT INTERRUPTION.
 - PROVIDE SOUND ATTENUATING BRACKETS IN ALL VOIDS OF METAL STUD WALLS FULL HT.

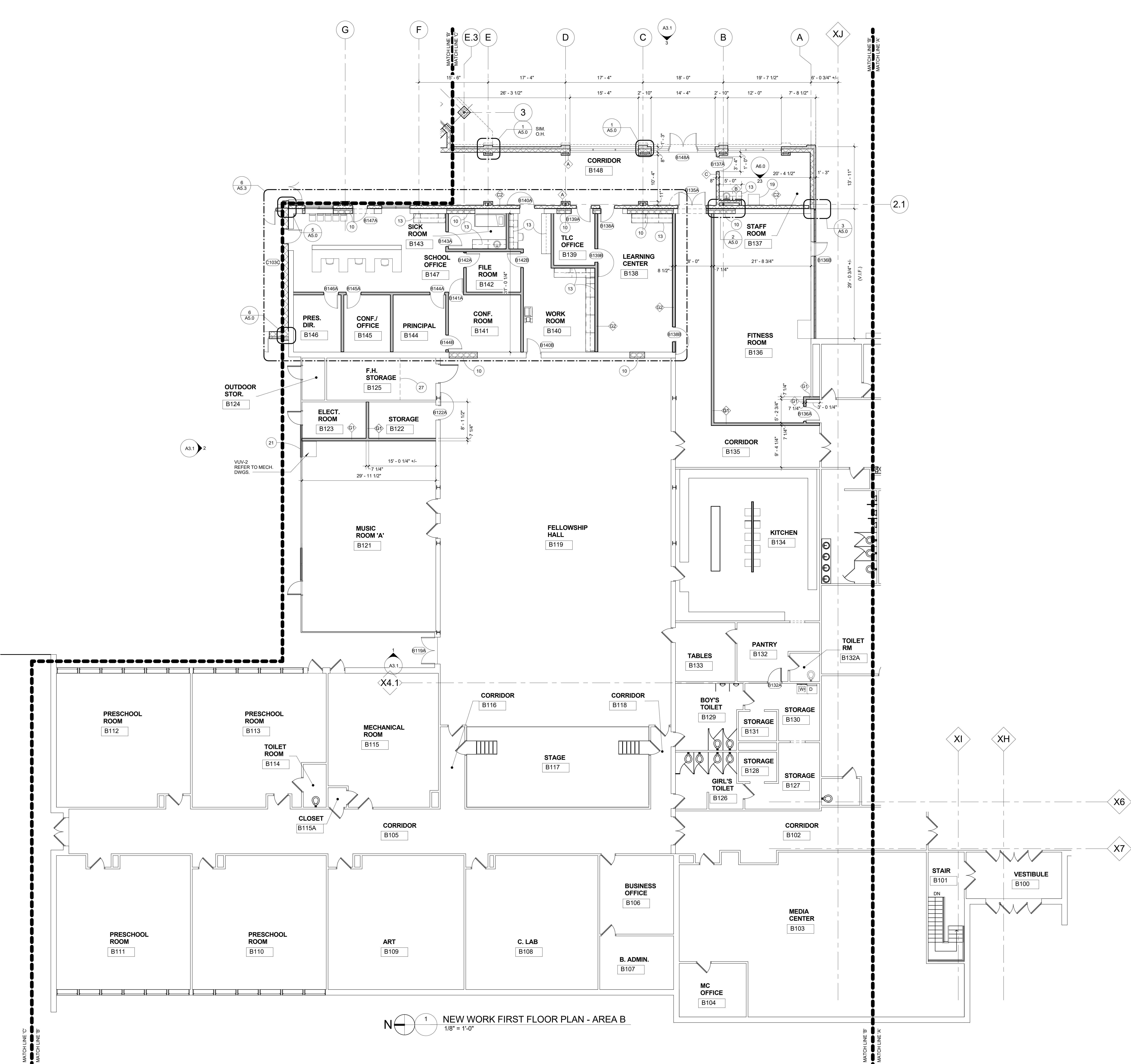
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- B NOMINAL 6" CMU (ACTUAL WIDTH 5 5/8")
- C NOMINAL 8" CMU (ACTUAL WIDTH 7 5/8")
- C1 NOMINAL 8" CMU (ACTUAL WIDTH 7 5/8") 1 HOUR FIRE-RATING (U.L. #905)
- C2 NOMINAL 8" CMU (ACTUAL WIDTH 7 5/8") 2 HOUR FIRE-RATING (U.L. #905)
- D NOMINAL 12" CMU (ACTUAL WIDTH 11 5/8")
- E NOMINAL 12" CMU (ACTUAL WIDTH 11 5/8") W/FOAM INSULATION IN ALL CORES
- F NOMINAL 16" CMU
- F2 NOMINAL 16" CMU (ACTUAL WIDTH 15 1/4" 2 HOUR FIRE-RATING (U.L. #)
- G 5/8" GYP. BD. ON EACH SIDE OF 6" LT. GA. METAL FRAMING AT 16" O.C. MAX.
- G1 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 6" LT. GA. METAL FRAMING AT 16" O.C. MAX. 1 HOUR FIRE-RATING (U.L. #419)
- G2 (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 6" LT. GA. METAL FRAMING AT 16" O.C. MAX. 2 HOUR FIRE-RATING (U.L. #419)

FLOOR PLAN KEYNOTES:

- SEMI RECESSED FIRE EXTINGUISHER CABINET LOCATION (TOOTH-IN BLOCK OR BRICK AT EXIST WALL LOCATIONS IF ANY).
- CONCRETE SUPPORTED SLAB (SEE STRUCTURAL DRAWINGS)
- CONCRETE SUPPORTED SLAB FULL DEPTH OF SIDE WALLS x FULL WIDTH OF VESTIBULE
- ELECTRIC WATER COOLER
- DISPLAY CASE. SEE SPEC.
- ELECTRIC WATER COOLER AND BOTTLE FILLET
- 2'-0" W x 6'-0" H SAFETY WALL PADS (20'-0" WIDE MIN)
- FULL WALK-OFF CARPET IN VESTIBULE
- SCORE BOARD LOCATION
- INFILL DOOR OPENING WITH BRICK / CMU - FULL WIDTH AND HEIGHT OF OPENING (VERIFY TO MATCH EXIST WALL THICKNESS).
- TOOTH-IN BULLNOSE CMU AT BOTH JAMBS OF NEW DOOR OPENING
- RECESSED CABINET UNIT HEATER - SEE MECHANICAL DRAWINGS
- CASEWORK - SEE INTERIOR ELEVATIONS
- FORWARD FOLDING BACKSTOP SUSPENDED FROM ROOF FRAMING
- FOLDING BLEACHER SYSTEM
- VIDEO PLATFORM IN BLEACHER
- AIR INTAKE LOUVER - BY MECH.
- COILING STAINLESS STEEL SHUTTER
- REFRIGERATOR (BY OWNER)
- RECEPTION COUNTER - CUSTOM FABRICATED (SEE DETAILS)
- NEW ARCHITECTURAL LOUVER IN WINDOW OPENING (2)
- NEW CONCRETE BENCH IN TEAM ROOMS (TYP)
- NEW 10' MARKER BOARD
- MESH STORAGE GATE PARTITION W/ 4'-0" MAIN GATES
- GYM P.A. SYSTEM LOCATION
- 12"x22"W ELECTRICAL PROJECTION SCREEN SUSPENDED FROM TRUSSES (CENTER TO GYM FLOOR
- EXISTING WOOD MEZZANINE TO REMAIN
- 12"Dx12"Wx48"H METAL LOCKER ON 4" METAL BASE AND 4" SLOPED TOP
- 12"Dx12"Wx60"H METAL LOCKER ON 4" METAL BASE AND 4" SLOPED TOP



1 BASEMENT NEW WORK FLOOR PLAN - AREA A
1/8" = 1'-0"



1 NEW WORK FIRST FLOOR PLAN - AREA B
1/8" = 1'-0"

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- FLOOR PLANS ARE DIMENSIONED TO NOMINAL PARTITION THICKNESS (TYP).
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- PROVIDE BULLNOSE CMU ON ALL EXPOSED CMU CORNERS UNLESS OTHERWISE NOTED.
- VERIFY QUANTITY, SIZE AND LOCATION OF ALL FLOOR, ROOF AND WALL OPENINGS FOR MECHANICAL AND ELECTRICAL WORK WITH THE APPROPRIATE TRADE. PROVIDE ALL OPENINGS SHOWN OR REQUIRED FOR THE COMPLETION OF THE WORK.
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- REFER TO LS1.0 FOR FIRE RATING OF WALLS.

WALL TYPES

- NOTES:
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 - INTERSECTION BETWEEN RATED WALL SYSTEM AND DECK SYSTEM TO BE SEALED WITH APPROVED U.L. FIRE SPRAY MATERIAL
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 - PROVIDE SOUND ATTENUATING BRACKETS IN ALL VOIDS OF METAL STUD WALLS FULL HT.

- A NOMINAL 4" CMU (ACTUAL WIDTH 3 5/8")
- B NOMINAL 6" CMU (ACTUAL WIDTH 5 5/8")
- C NOMINAL 8" CMU (ACTUAL WIDTH 7 5/8")
- C1 NOMINAL 8" CMU (ACTUAL WIDTH 7 5/8") 1 HOUR FIRE-RATING (U.L. #905)
- C2 NOMINAL 8" CMU (ACTUAL WIDTH 7 5/8") 2 HOUR FIRE-RATING (U.L. #905)
- D NOMINAL 12" CMU (ACTUAL WIDTH 11 5/8")
- E NOMINAL 12" CMU (ACTUAL WIDTH 11 5/8") W/FOAM INSULATION IN ALL CORES
- F NOMINAL 16" CMU
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- G 5/8" GYP. BD. ON EACH SIDE OF 6" LT. GA. METAL FRAMING AT 16" O.C. MAX.
- G1 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 6" LT. GA. METAL FRAMING AT 16" O.C. MAX. 1 HOUR FIRE-RATING (U.L. #419)
- G2 (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 6" LT. GA. METAL FRAMING AT 16" O.C. MAX. 2 HOUR FIRE-RATING (U.L. #419)

FLOOR PLAN KEYNOTES:

- 1 SEMI RECESSED FIRE EXTINGUISHER CABINET LOCATION (TOOTH-IN BLOCK OR BRICK AT EXIST WALL LOCATIONS IF ANY).
- 2 CONCRETE SUPPORTED SLAB (SEE STRUCTURAL DRAWINGS)
- 3 CONCRETE SUPPORTED SLAB FULL DEPTH OF SIDE WALLS x FULL WIDTH OF VESTIBULE
- 4 ELECTRIC WATER COOLER
- 5 DISPLAY CASE. SEE SPEC.
- 6 ELECTRIC WATER COOLER AND BOTTLE FILLET
- 7 2'-0" W x 6'-0" H SAFETY WALL PADS (20'-0" WIDE MIN)
- 8 FULL WALK-OFF CARPET IN VESTIBULE
- 9 SCORE BOARD LOCATION
- 10 INFILL DOOR OPENING WITH BRICK / CMU - FULL WIDTH AND HEIGHT OF OPENING (VERIFY TO MATCH EXIST WALL THICKNESS).
- 11 TOOTH-IN BULLNOSE CMU AT BOTH JAMBS OF NEW DOOR OPENING
- 12 RECESSED CABINET UNIT HEATER - SEE MECHANICAL DRAWINGS
- 13 CASEWORK - SEE INTERIOR ELEVATIONS
- 14 FORWARD FOLDING BACKSTOP SUSPENDED FROM ROOF FRAMING
- 15 FOLDING BLEACHER SYSTEM
- 16 VIDEO PLATFORM IN BLEACHER
- 17 AIR INTAKE LOUVER - BY MECH.
- 18 COILING STAINLESS STEEL SHUTTER
- 19 REFRIGERATOR (BY OWNER)
- 20 RECEPTION COUNTER - CUSTOM FABRICATED (SEE DETAILS)
- 21 NEW ARCHITECTURAL LOUVER IN WINDOW OPENING (2)
- 22 NEW CONCRETE BENCH IN TEAM ROOMS (TYP)
- 23 NEW 10' MARKER BOARD
- 24 MESH STORAGE GATE PARTITION W/ 4'-0" MAIN GATES
- 25 GYM P.A. SYSTEM LOCATION
- 26 12"x22"W ELECTRICAL PROJECTION SCREEN SUSPENDED FROM TRUSSES (CENTER TO GYM FLOOR
- 27 EXISTING WOOD MEZZANINE TO REMAIN
- 28 12"Dx12"Wx48"H METAL LOCKER ON 4" METAL BASE AND 4" SLOPED TOP
- 29 12"Dx12"Wx60"H METAL LOCKER ON 4" METAL BASE AND 4" SLOPED TOP

WA

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IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044

FIRST FLOOR NEW WORK
PLAN - AREA B

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

DRAWN BY: JAG
CHECKED BY: BJS

REVISIONS:
Construction Set
04/25/17

DATE: 03/10/17
SHEET NO.:

A1.1

JOB NO.: 141594



1. FLOOR PLANS ARE DIMENSIONED TO NOMINAL PARTITION THICKNESS (TYP).
2. ALL WALLS TO BE CMU TO UNDERSIDE OF STRUCTURE ABOVE AND FIRE STOPPED WITH "FLUTES" OF METAL DECK SYSTEM, UNLESS OTHERWISE NOTED OR DETAILED. COPE AROUND STRUCTURE AND SEAL TIGHT ALL GAPS AND PENETRATIONS.
3. PROVIDE BULLNOSE CMU ON ALL EXPOSED CMU CORNERS UNLESS OTHERWISE NOTED.
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8. REFER TO LS10 FOR FIRE RATING OF WALLS.

NOTES:

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3. FIRE WALLS TO EXTEND CONTINUOUS THROUGH BUILDING WITHOUT INTERRUPTION.
4. PROVIDE SOUND ATTENUATING BLANKETS IN ALL VOIDS OF METAL STUD WALLS FULL H

- | | |
|----|---|
| A | NOMINAL 4" CMU (ACTUAL WIDTH 3 5/8") |
| B | NOMINAL 6" CMU (ACTUAL WIDTH 5 5/8") |
| C | NOMINAL 8" CMU (ACTUAL WIDTH 7 5/8") |
| C1 | NOMINAL 8" CMU (ACTUAL WIDTH 7 5/8") 1 HOUR FIRE-RATING (U.L. #905) |
| D | NOMINAL 8" CMU (ACTUAL WIDTH 7 5/8") 2 HOUR FIRE-RATING (U.L. #905) |
| D1 | NOMINAL 12" CMU (ACTUAL WIDTH 11 5/8") |
| E | NOMINAL 12" CMU (ACTUAL WIDTH 11 5/8") W/FOAM INSULATION IN ALL CORES |
| F | NOMINAL 16" CMU |
| F2 | NOMINAL 16" CMU (ACTUAL WIDTH 15 1/4") 2 HOUR FIRE-RATING (U.L. #) |
| G | 5/8" GYP. BD. ON EACH SIDE OF 6" LT. GA. METAL FRAMING AT 16" O.C. MAX. |
| G1 | 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 8" LT. GA. METAL FRAMING AT 16" O.C. MAX. 1 HOUR FIRE-RATING (U.L. #419) |
| G2 | (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 6" LT. GA. METAL FRAMING AT 16" O.C. MAX. 2 HOUR FIRE-RATING (U.L. #419) |

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2	CONCRETE SUPPORTED SLAB (SEE STRUCTURAL DRAWINGS)
3	CONCRETE SUPPORTED SLAB FULL DEPTH OF SIDE WALLS x FULL WIDTH OF VESTIBULE
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6	ELECTRIC WATER COOLER AND BOTTLE FILLET
7	2'-0" W x 6'-0" H SAFETY WALL PADS (20'-0" WIDE MIN)
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NEW WORK FIRST FLOOR
PLAN - AREA 'C'

PRELIMINARY []
DESIGN DEVELOPMENT []
CONSTRUCTION []
FINAL RECORD []

DRAWN BY: Jd
CHECKED BY: B

REVISIONS:

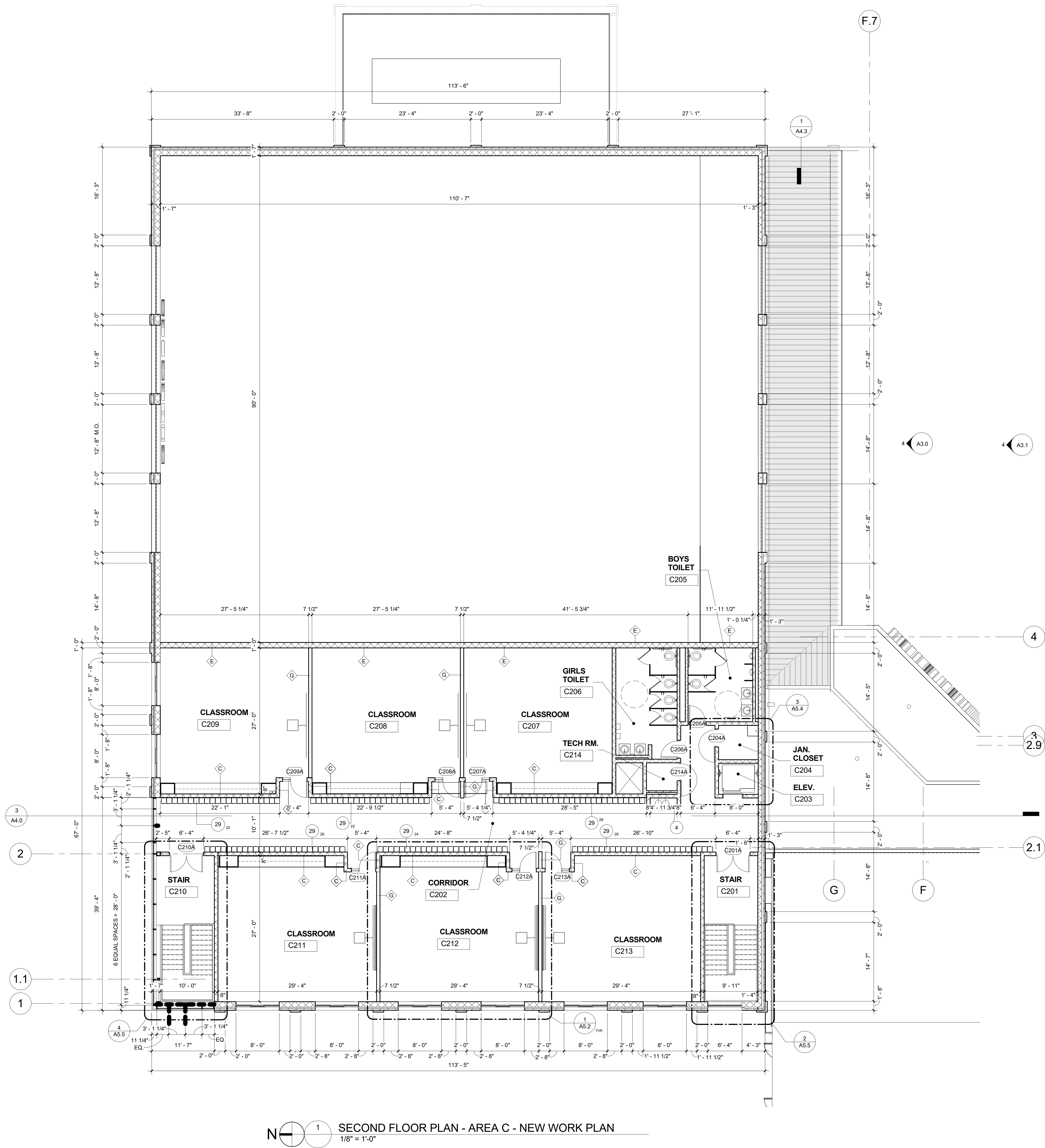
Construction Set
04/25/17

DATE: 03/10/

SHEET NO.:

A1.2

JOB NO.: 141594



FLOOR PLAN GENERAL NOTES:

- FLOOR PLANS ARE DIMENSIONED TO NOMINAL PARTITION THICKNESS (TYP).
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- G 5/8" GYP. BD. ON EACH SIDE OF 6" LT. GA. METAL FRAMING AT 16" O.C. MAX.
- G1 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 6" LT. GA. METAL FRAMING AT 16" O.C. MAX. 1 HOUR FIRE-RATING (U.L. #419)
- G2 (2) LAYERS OF 5/8" TYPE "X" GYP. BD. ON EACH SIDE OF 6" LT. GA. METAL FRAMING AT 16" O.C. MAX. 2 HOUR FIRE-RATING (U.L. #419)

FLOOR PLAN KEYNOTES:

- SEMI RECESSED FIRE EXTINGUISHER CABINET LOCATION (TOOTH-IN BLOCK OR BRICK AT EXIST WALL LOCATIONS IF ANY).
- CONCRETE SUPPORTED SLAB (SEE STRUCTURAL DRAWINGS)
- CONCRETE SUPPORTED SLAB FULL DEPTH OF SIDE WALLS x FULL WIDTH OF VESTIBULE
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- FOLDING BLEACHER SYSTEM
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WA

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IMMANUEL LUTHERAN CHURCH & SCHOOL CLASSROOM & GYMNASIUM ADDITION 47120 Romeo Plank Road, Macomb, MI 48044

NEW WORK PLAN SECOND
FLOOR PLAN - AREA C

- PRELIMINARY ☐
- DESIGN DEVELOPMENT ☐
- CONSTRUCTION ☒
- FINAL RECORD ☐

DRAWN BY: KAN
CHECKED BY: BJS

REVISIONS:
Construction Set
04/25/17

DATE: 03/10/17
SHEET NO.:

A1.3

JOB NO.: 141594

- REFLECTED
CEILING PLAN NOTES:
- 1

EXISTING CEILING TO REMAIN.
- 2

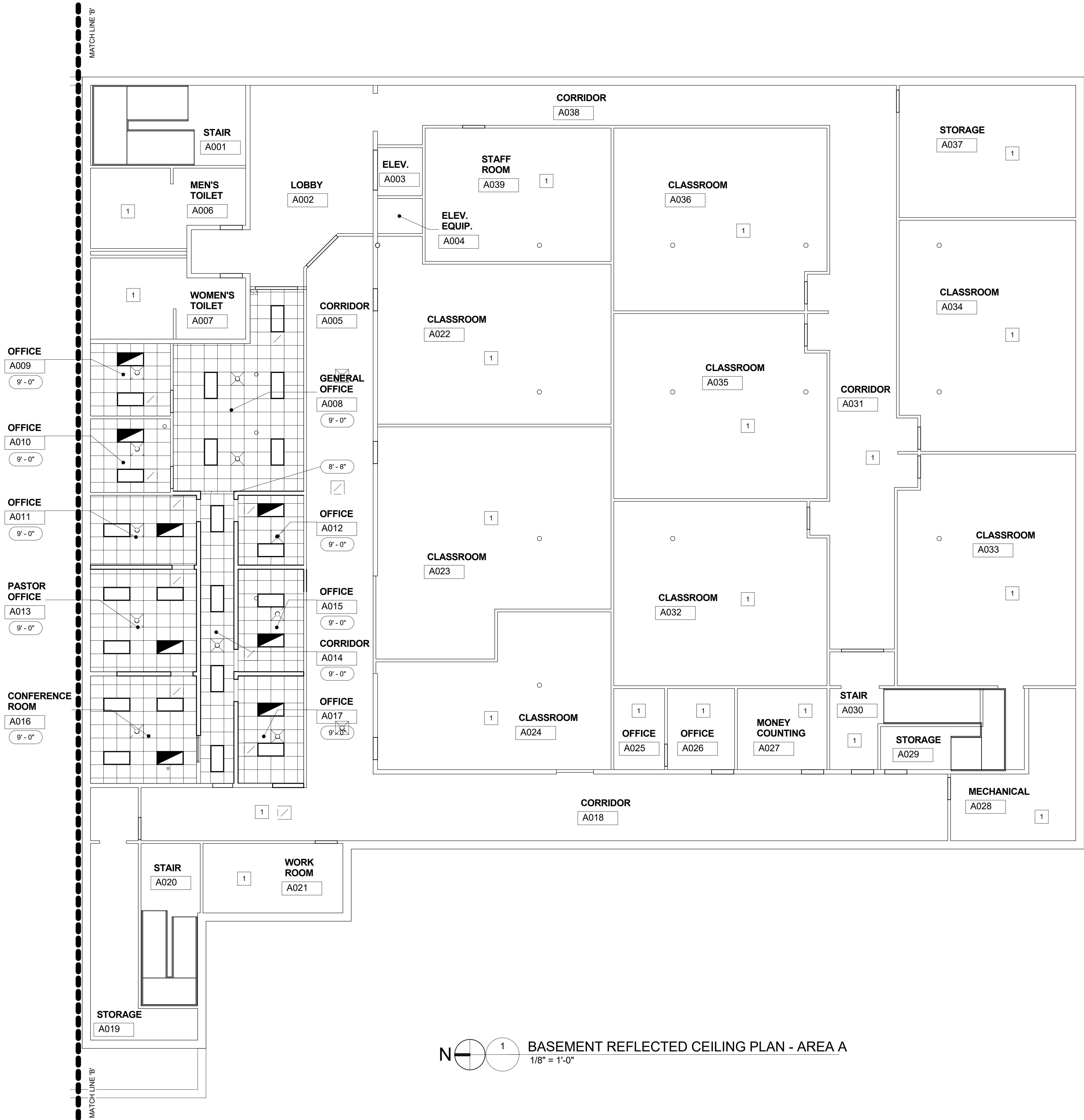
EXPOSED CONSTRUCTION TO BE PAINTED. SEE FINISH SCHEDULE FOR COLORS.
- 3

REMOVE/REPLACE EXISTING CEILING CONSTRUCTION AS REQUIRED TO INSTALL NEW SPRINKLER SYSTEM AND PIPING ABOVE EXISTING CEILING.

- GENERAL NOTES:
1.

REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE, LAYOUT AND QUANTITY.
2.

REFER TO MECHANICAL DRAWINGS FOR DIFFUSER AND GRILLE LOCATIONS AND SIZES.



IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044

BASEMENT REFLECTED
CEILING PLANS

PRELIMINARY

DESIGN DEVELOPMENT

CONSTRUCTION

FINAL RECORD

DRAWN BY:

CHECKED BY:

JAG

BJS

REVISIONS:

Construction Set

04/25/17

DATE:

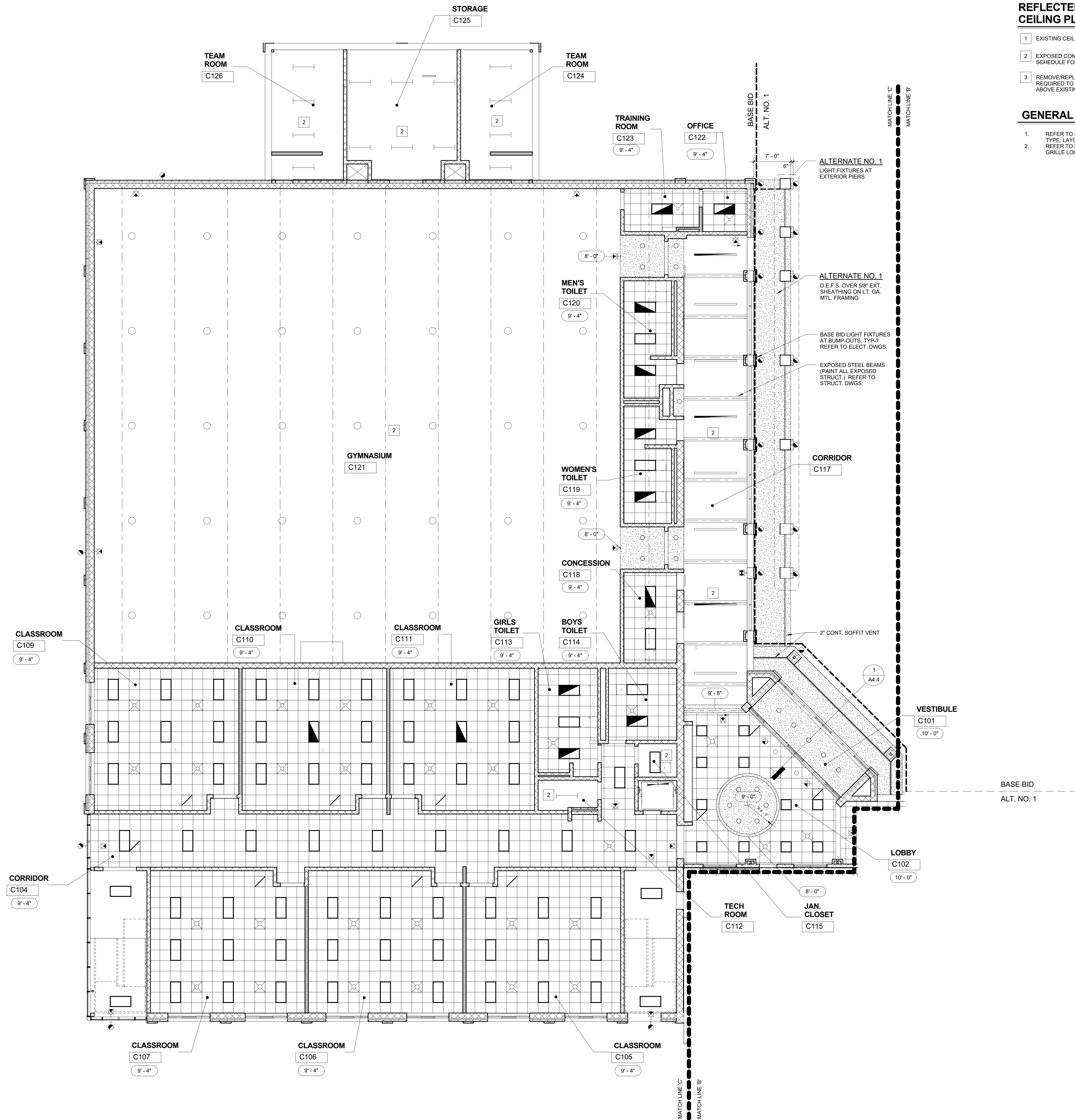
03/10/17

SHEET NO.:

A2.0

JOB NO.:

141594



- REFLECTED CEILING PLAN NOTES:**
- EXISTING CEILING TO REMAIN.
 - EXPOSED CONSTRUCTION TO BE PAINTED. SEE FINISH SCHEDULE FOR COLORS.
 - REMOVE/REPLACE EXISTING CEILING CONSTRUCTION AS REQUIRED TO INSTALL NEW SPRINKLER SYSTEM AND PIPING ABOVE EXISTING CEILING.

- GENERAL NOTES:**
- REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE, LAYOUT AND QUANTITY.
 - REFER TO MECHANICAL DRAWINGS FOR DIFFUSER AND GRILLE LOCATIONS AND SIZES.

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47120 Romeo Plank Road, Macomb, MI 48044

FIRST FLOOR REFLECTED
CEILING PLAN - AREA 'C'

- PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

DRAWN BY: JAG
CHECKED BY: BJS

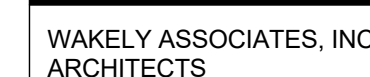
REVISIONS:
Construction Set
04/25/17

DATE: 03/10/17
SHEET NO.:

A2.1

JOB NO.: 141594

1
A3.0 FIRST FLOOR REFLECTED CEILING PLAN - AREA 'C'
1/8" = 1'-0"



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CLASSROOM & GYMNASIUM ADDITION**
47120 Romeo Plank Road, Macomb, MI 48044

FIRST FLOOR REFLECTED
CEILING PLAN - AREA B

PRELIMINARY	<input type="checkbox"/>
DESIGN DEVELOPMENT	<input type="checkbox"/>
CONSTRUCTION	<input checked="" type="checkbox"/>
FINAL RECORD	<input type="checkbox"/>

DRAWN BY: J
CHECKED BY: B

REVISIONS:
Construction Set
04/25/17

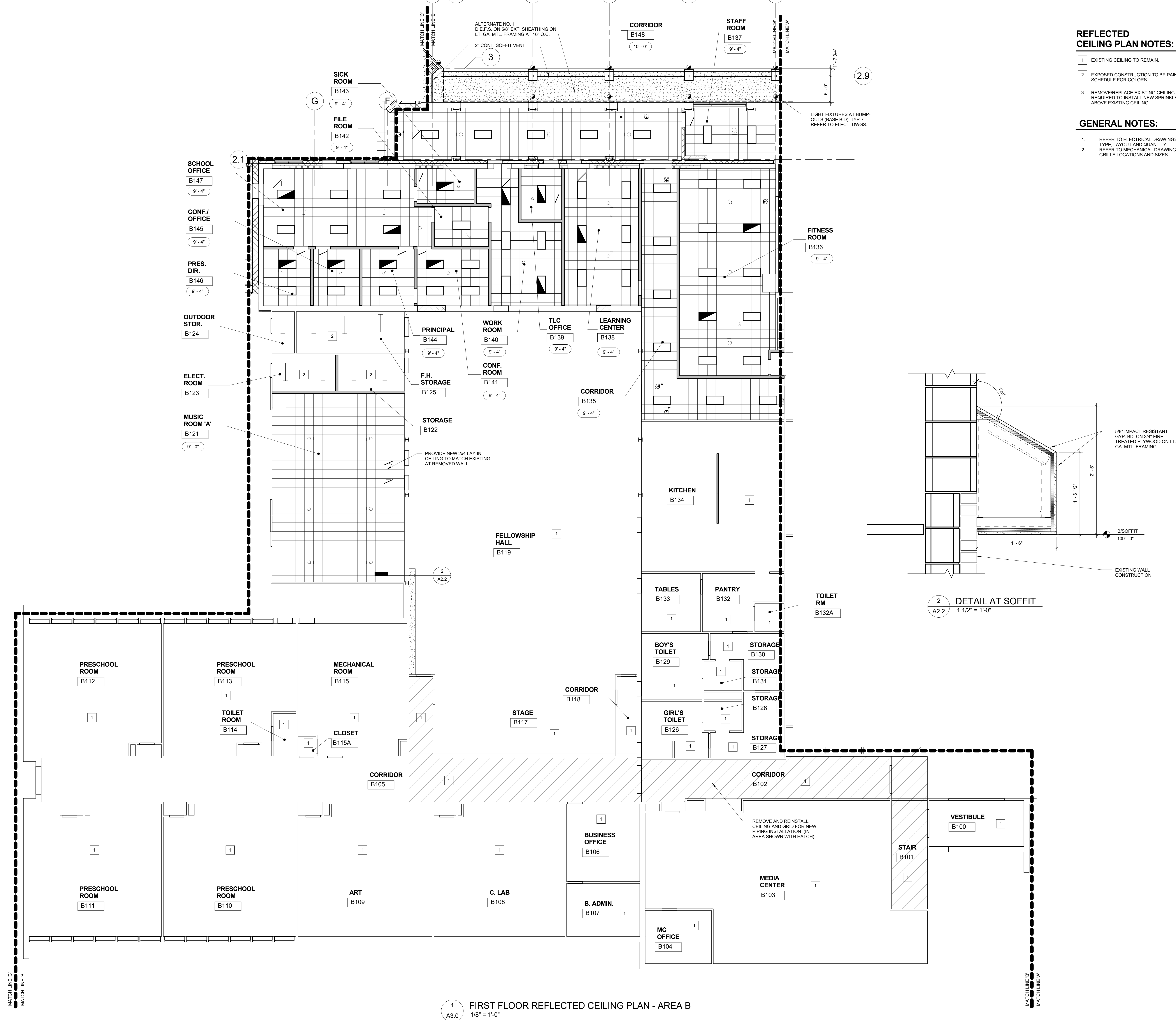
DATE:	03/10/
SHEET NO.:	

A2.2

JOB NO.: 141594

- 1 EXISTING CEILING TO REMAIN.
- 2 EXPOSED CONSTRUCTION TO BE PAINTED. SEE FINISH SCHEDULE FOR COLORS.
- 3 REMOVE/REPLACE EXISTING CEILING CONSTRUCTION AS REQUIRED TO INSTALL NEW SPRINKLER SYSTEM AND PIPING ABOVE EXISTING CEILING.

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE, LAYOUT AND QUANTITY.
2. REFER TO MECHANICAL DRAWINGS FOR DIFFUSER AND GRILLE LOCATIONS AND SIZES.

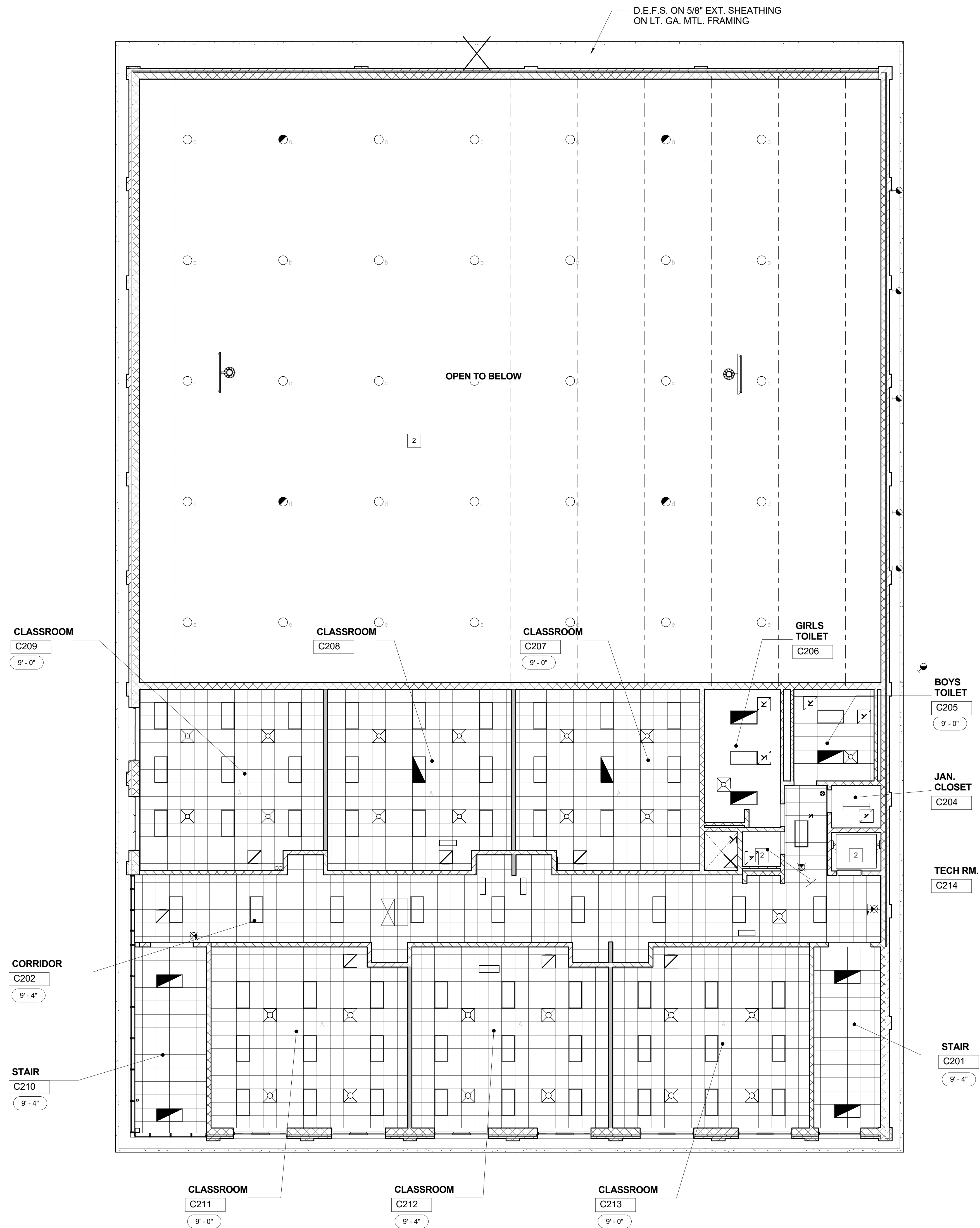


REFLECTED
CEILING PLAN NOTES:

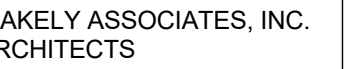
- 1 EXISTING CEILING TO REMAIN.
- 2 EXPOSED CONSTRUCTION TO BE PAINTED. SEE FINISH SCHEDULE FOR COLORS.
- 3 REMOVE/REPLACE EXISTING CEILING CONSTRUCTION AS REQUIRED TO INSTALL NEW SPRINKLER SYSTEM AND PIPING ABOVE EXISTING CEILING.

GENERAL NOTES:

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE, LAYOUT AND QUANTITY.
2. REFER TO MECHANICAL DRAWINGS FOR DIFFUSER AND GRILLE LOCATIONS AND SIZES.



1
A3.0
SECOND FLOOR REFLECTED
CEILING PLAN - AREA 'C'
1/8" = 1'-0"



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47120 Romeo Plank Road, Macomb, MI 48044

IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044

BUILDING ELEVATIONS

- | | |
|--------------------|-------------------------------------|
| PRELIMINARY | <input type="checkbox"/> |
| DESIGN DEVELOPMENT | <input type="checkbox"/> |
| CONSTRUCTION | <input checked="" type="checkbox"/> |
| FINAL RECORD | <input type="checkbox"/> |

RAWN BY: JAG
CHECKED BY: BJS

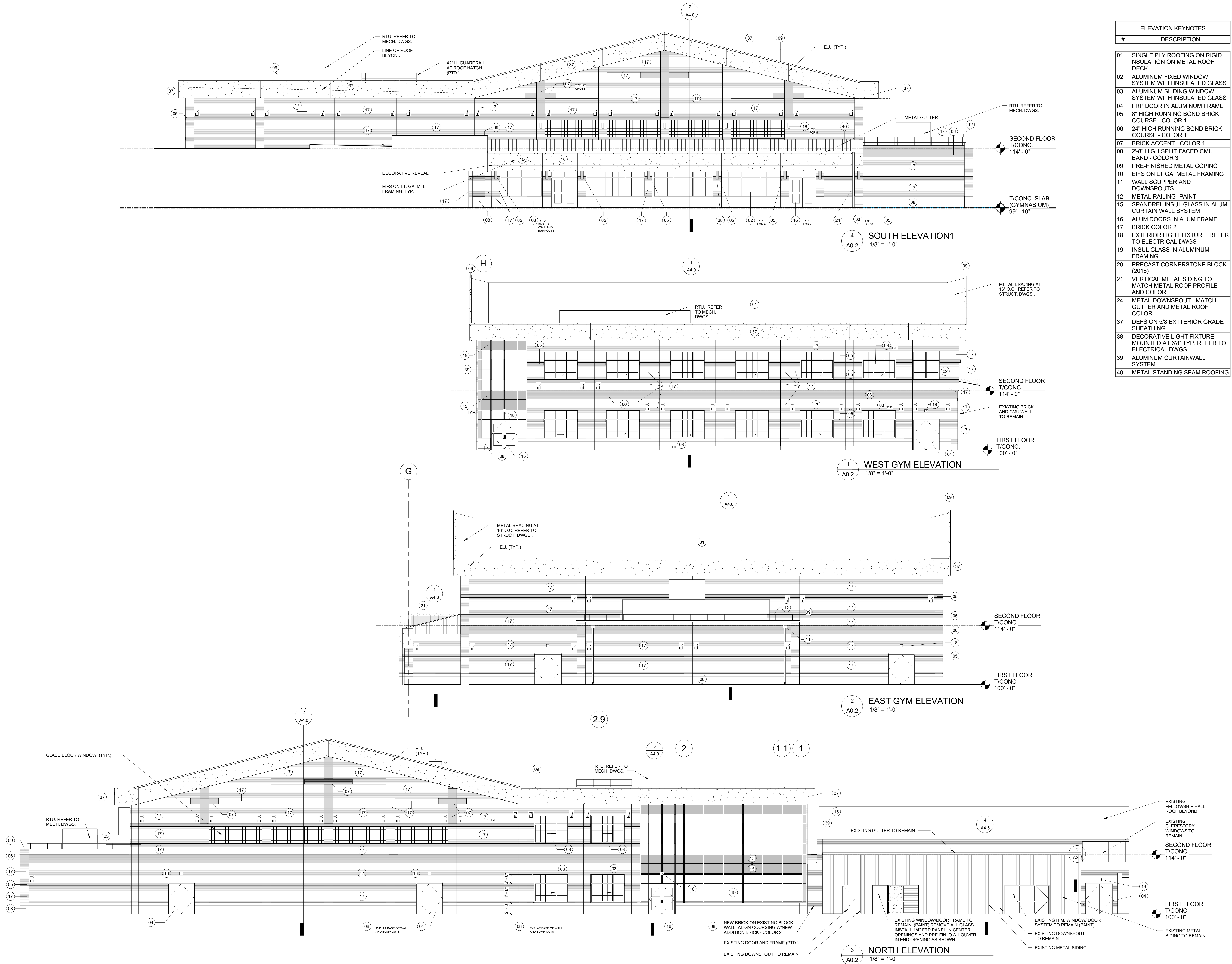
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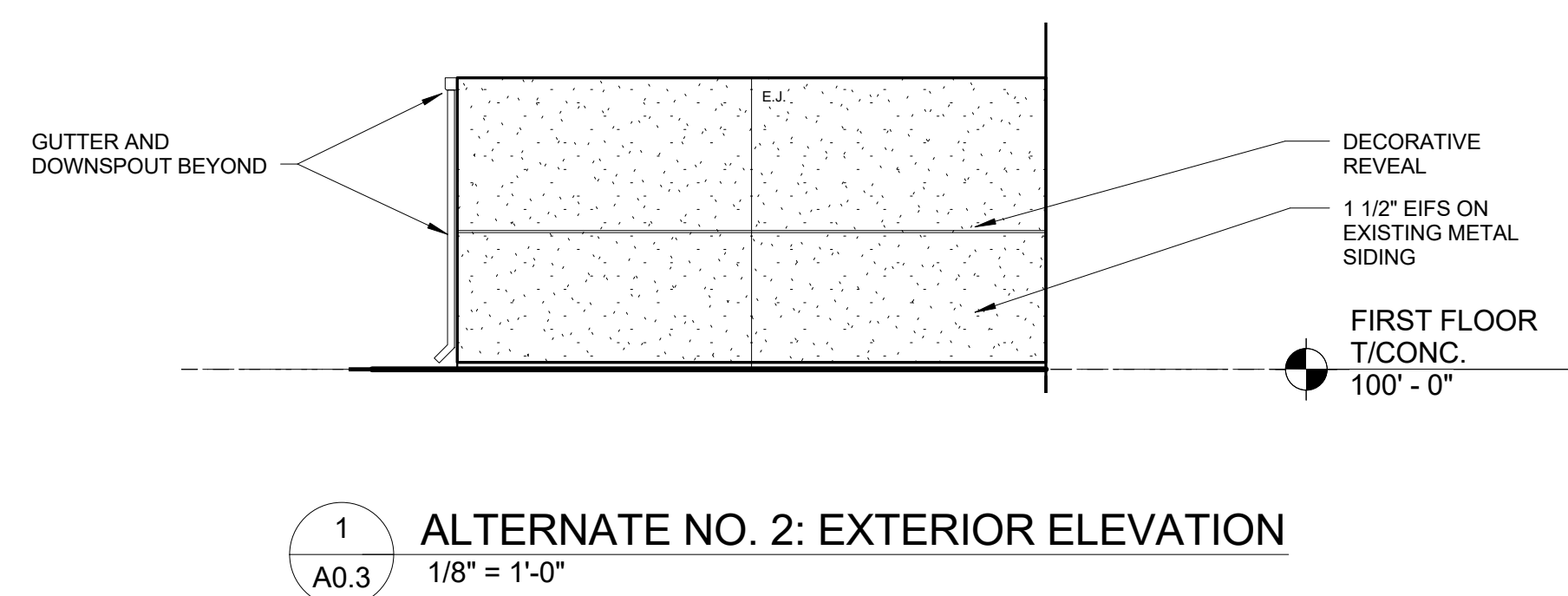
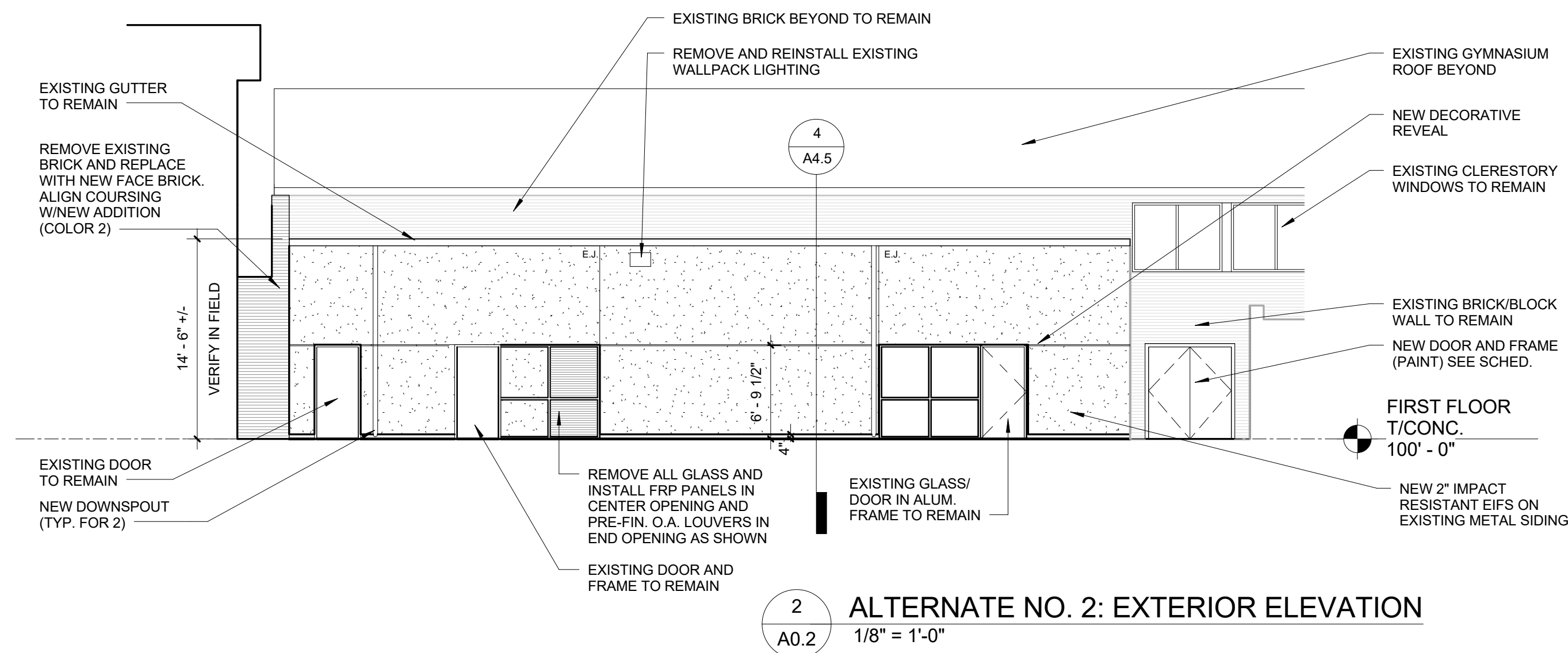
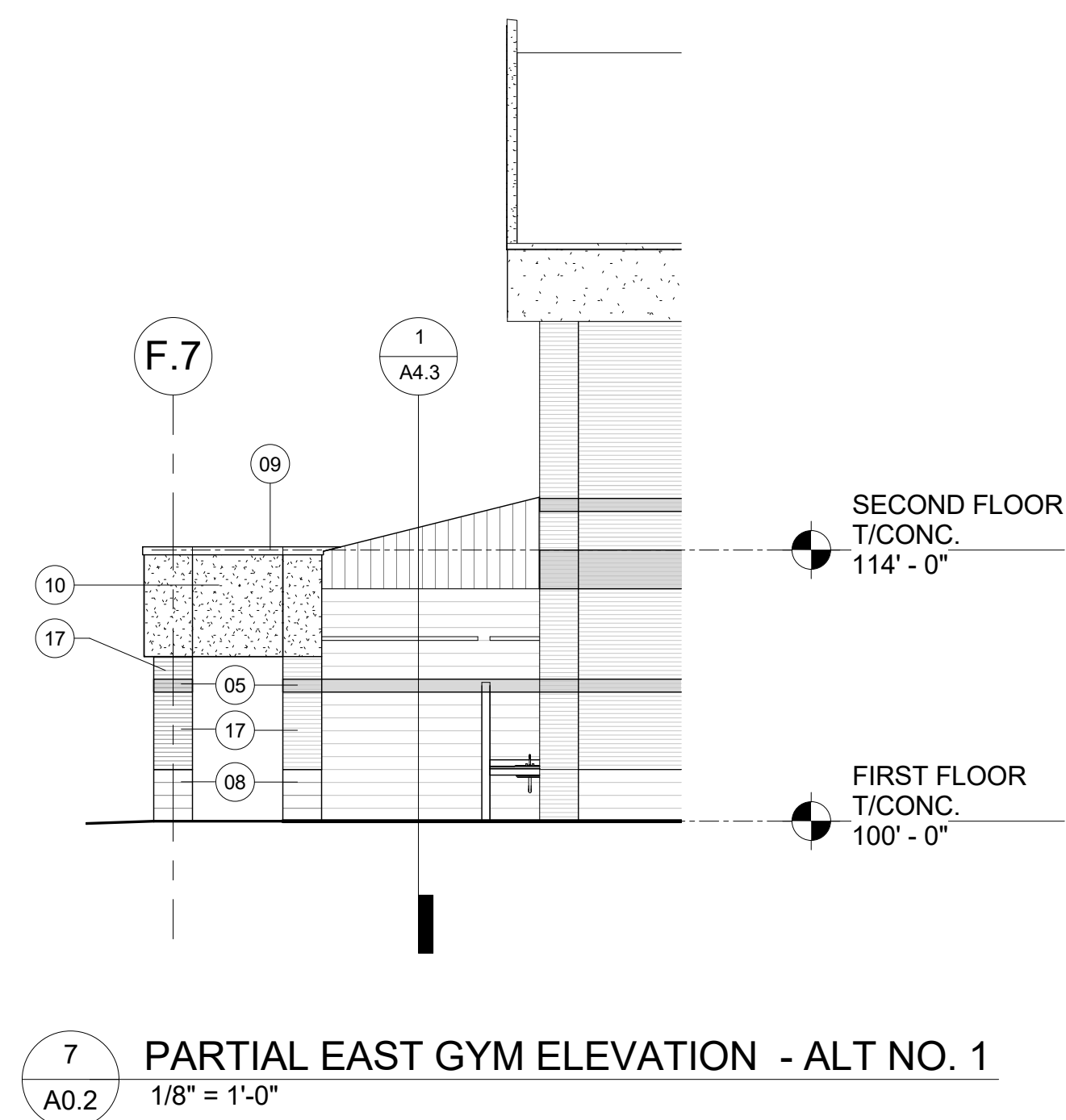
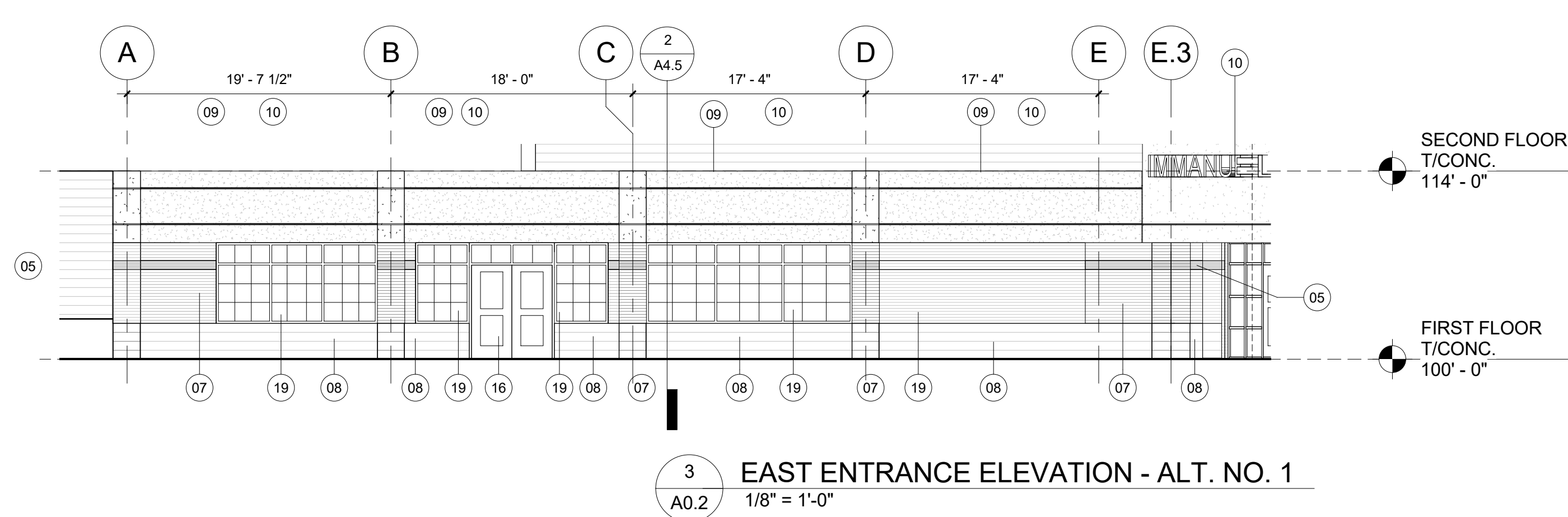
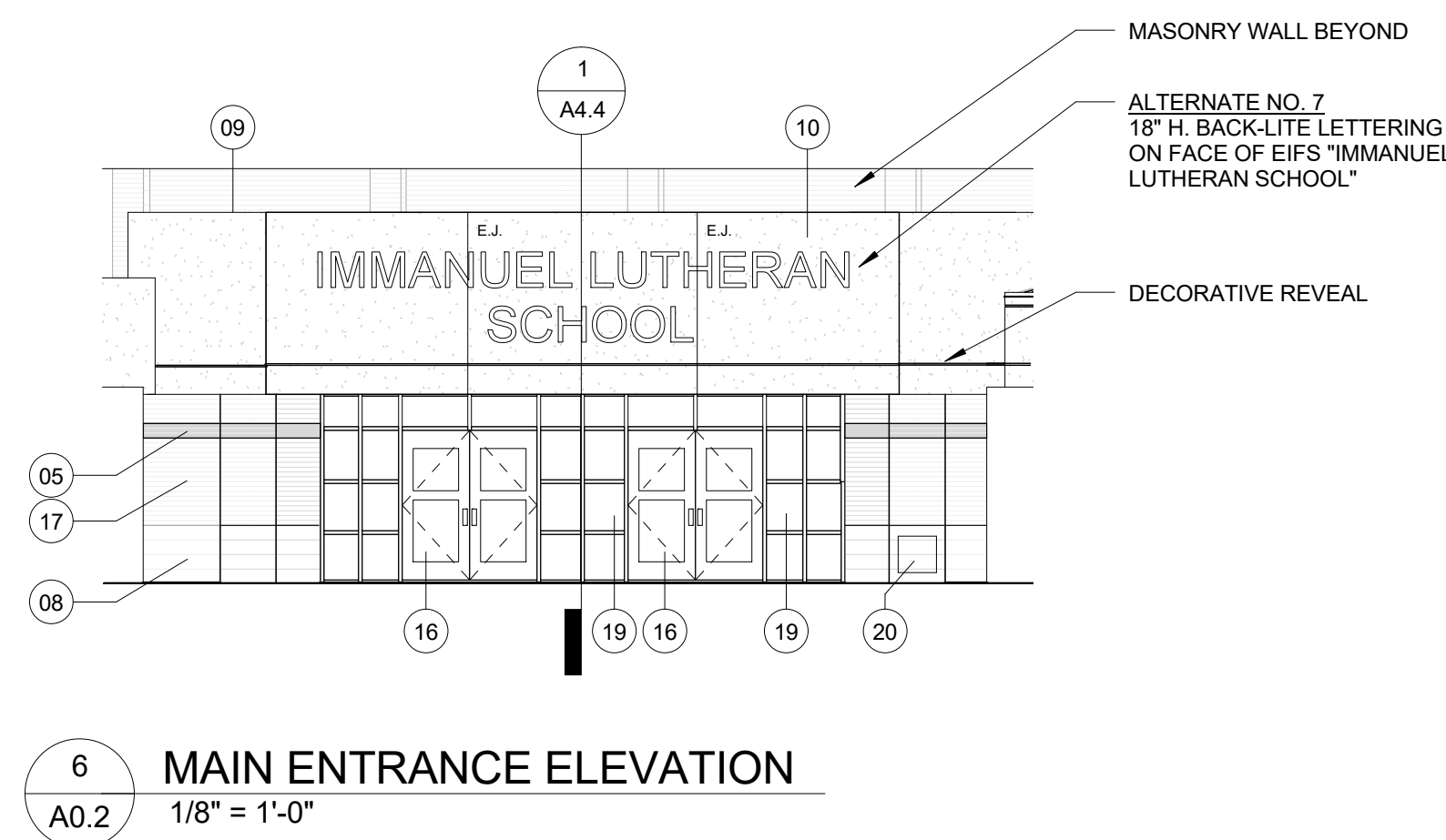
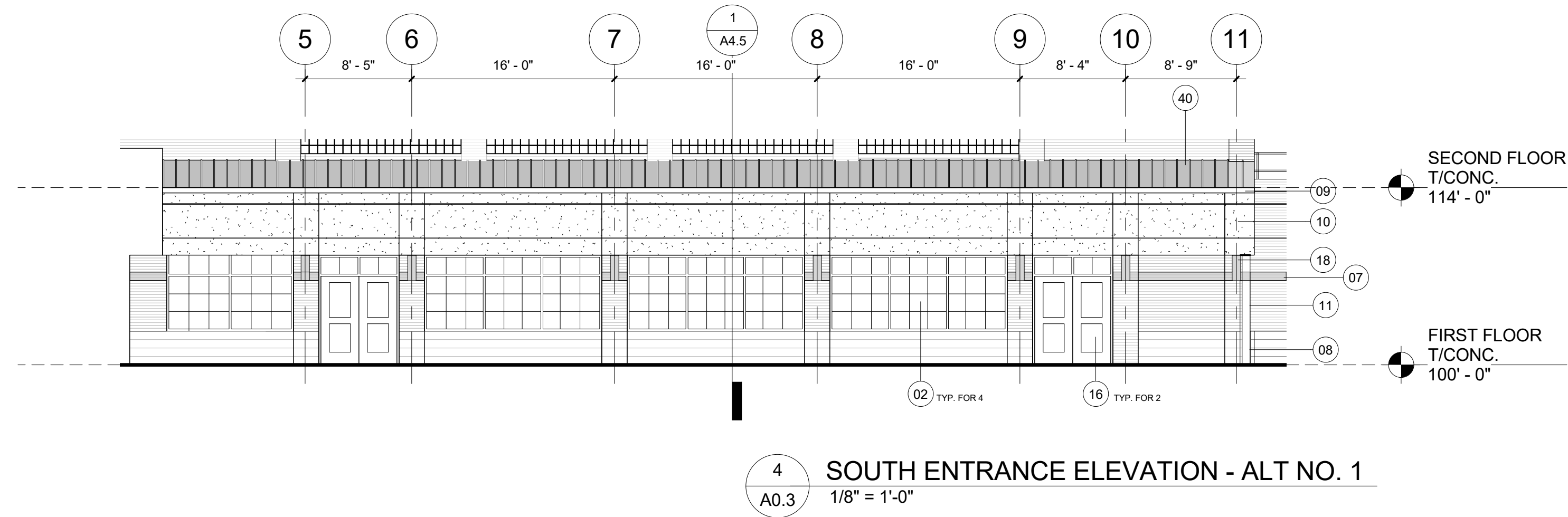
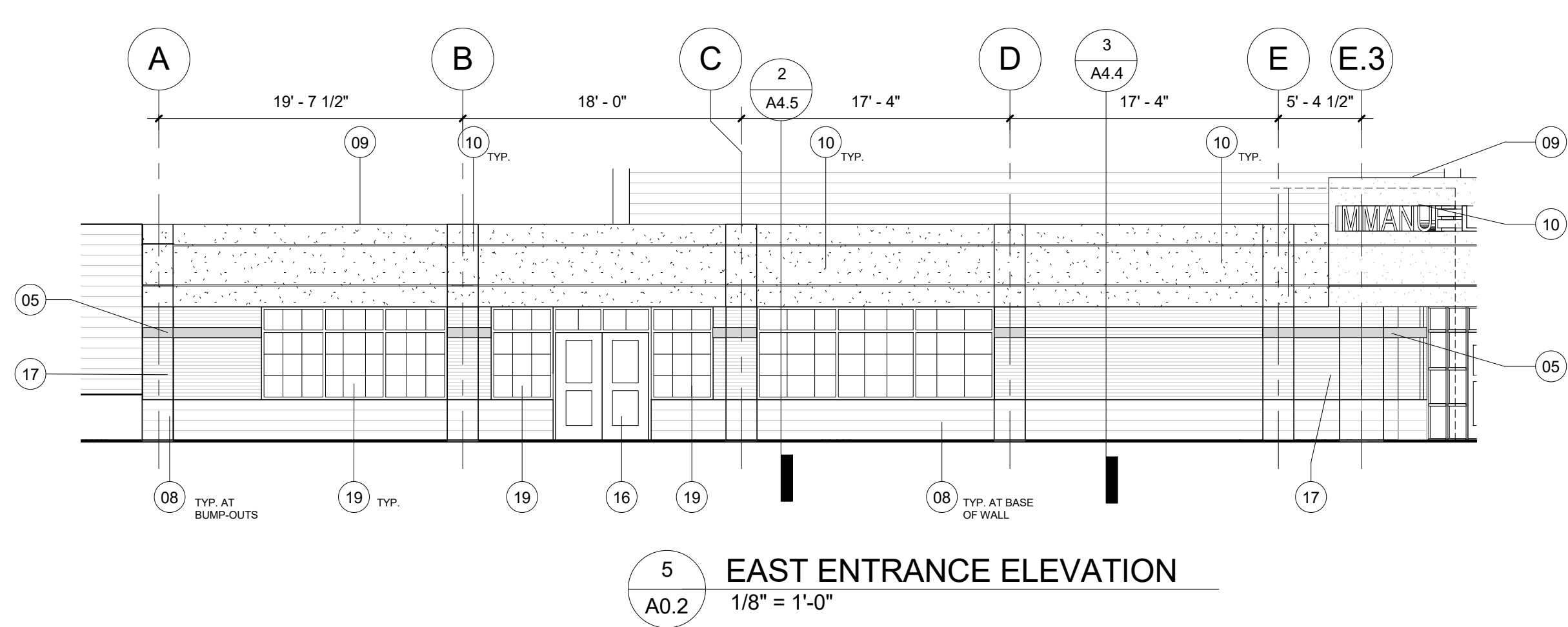
DATE: 03/10/17

SHEET NO.:

A3.0

OB NO.: 141594





ELEVATION KEYNOTES	
#	DESCRIPTION
01	SINGLE PLY ROOFING ON RIGID INSULATION ON METAL ROOF DECK
02	ALUMINUM FIXED WINDOW SYSTEM WITH INSULATED GLASS
03	ALUMINUM SLIDING WINDOW SYSTEM WITH INSULATED GLASS
04	FRP DOOR IN ALUMINUM FRAME
05	8" HIGH RUNNING BOND BRICK COURSE - COLOR 1
06	24" HIGH RUNNING BOND BRICK COURSE - COLOR 1
07	BRICK ACCENT - COLOR 1
08	2'-8" HIGH SPLIT FACED CMU BAND - COLOR 3
09	PRE-FINISHED METAL COPING
10	EIFS ON LT. GA. METAL FRAMING
11	WALL SCUPPER AND DOWNSPOUTS
12	METAL RAILING - PAINT
15	SPANDREL INSUL. GLASS IN ALUM CURTAIN WALL SYSTEM
16	ALUM DOORS IN ALUM FRAME
17	BRICK COLOR 2
18	EXTERIOR LIGHT FIXTURE. REFER TO ELECTRICAL DWGS
19	INSUL. GLASS IN ALUMINUM FRAMING
20	PRECAST CORNERSTONE BLOCK (2018)
21	VERTICAL METAL SIDING TO MATCH METAL ROOF PROFILE AND COLOR
24	METAL DOWNSPOUT - MATCH GUTTER AND METAL ROOF COLOR
37	DEFS ON 5/8 EXTERIOR GRADE SHEATHING
38	DECORATIVE LIGHT FIXTURE MOUNTED AT 6'8" TYP. REFER TO ELECTRICAL DWGS.
39	ALUMINUM CURTAINWALL SYSTEM
40	METAL STANDING SEAM ROOFING



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BUILDING SECTIONS

PRELIMINARY []
DESIGN DEVELOPMENT []
CONSTRUCTION []
FINAL RECORD []

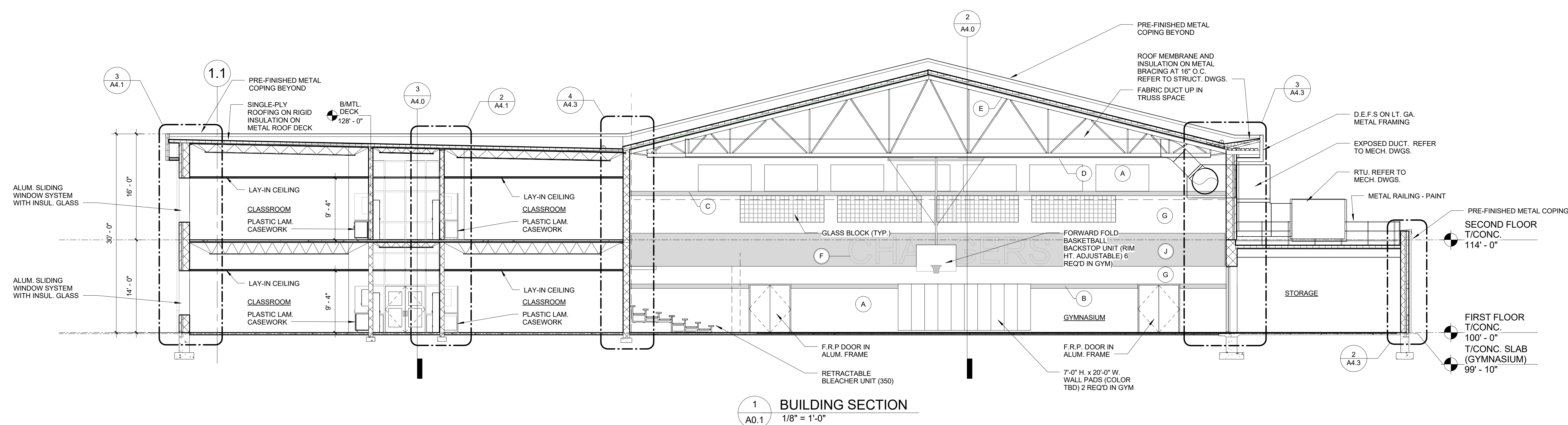
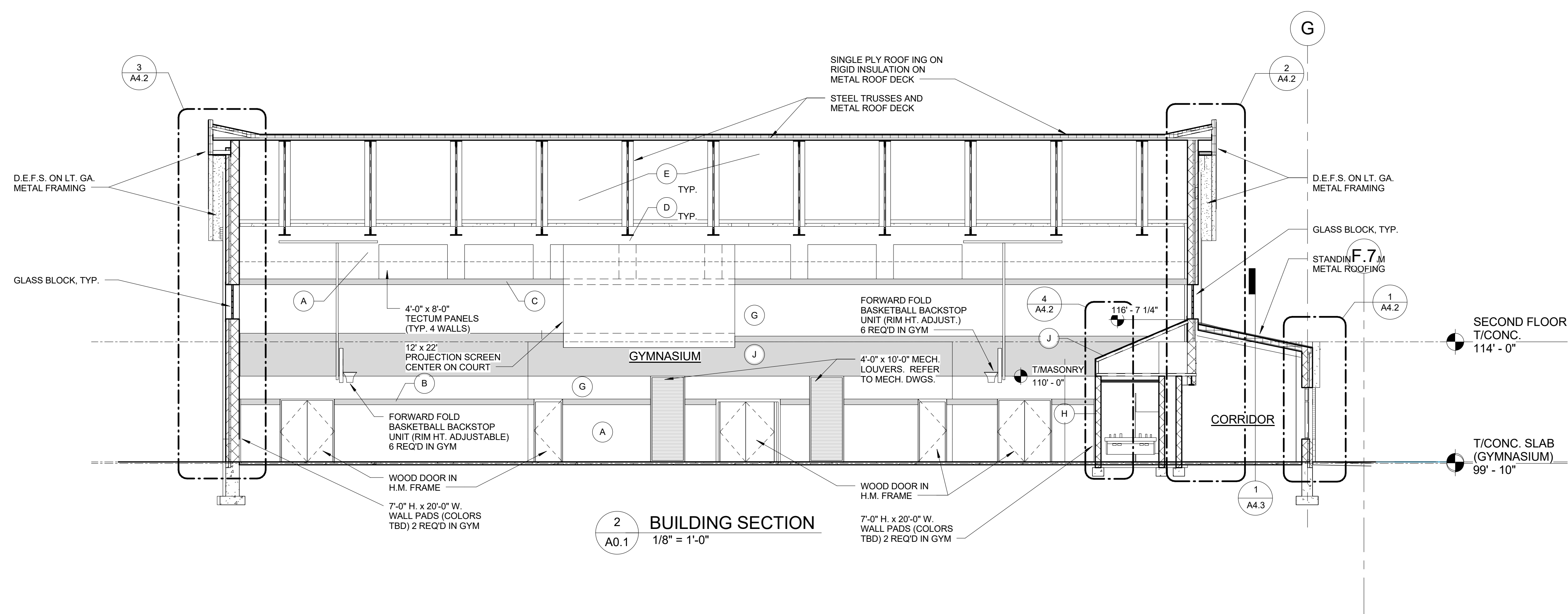
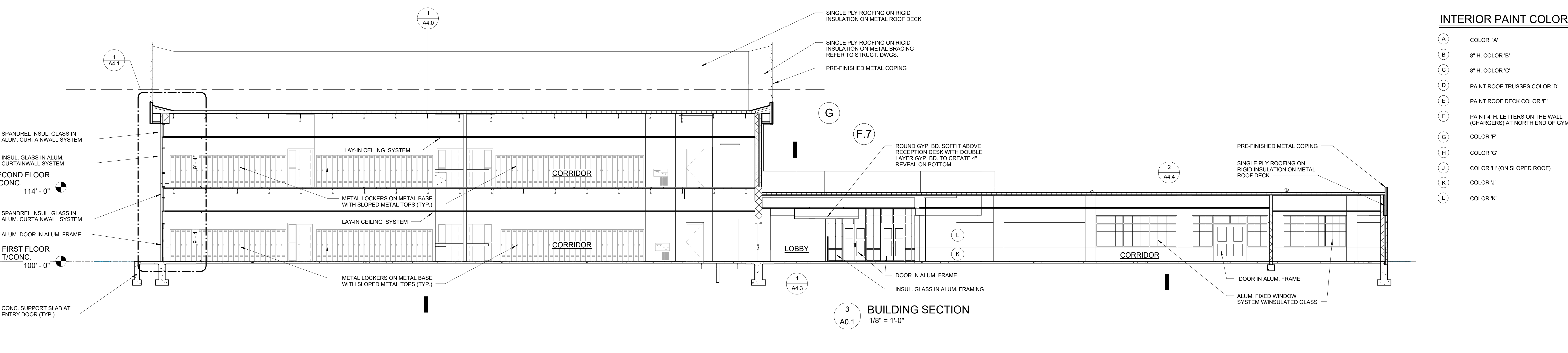
DRAWN BY: J
CHECKED BY: B

REVISIONS:
Construction Set
04/25/17

DATE:	03/10/
SHEET NO.:	

A4.0

JOB NO.: 141594



WALL SECTIONS

PRELIMINARY	[]
DESIGN DEVELOPMENT	[]
CONSTRUCTION	[]
FINAL RECORD	[]
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CHECKED BY:	B

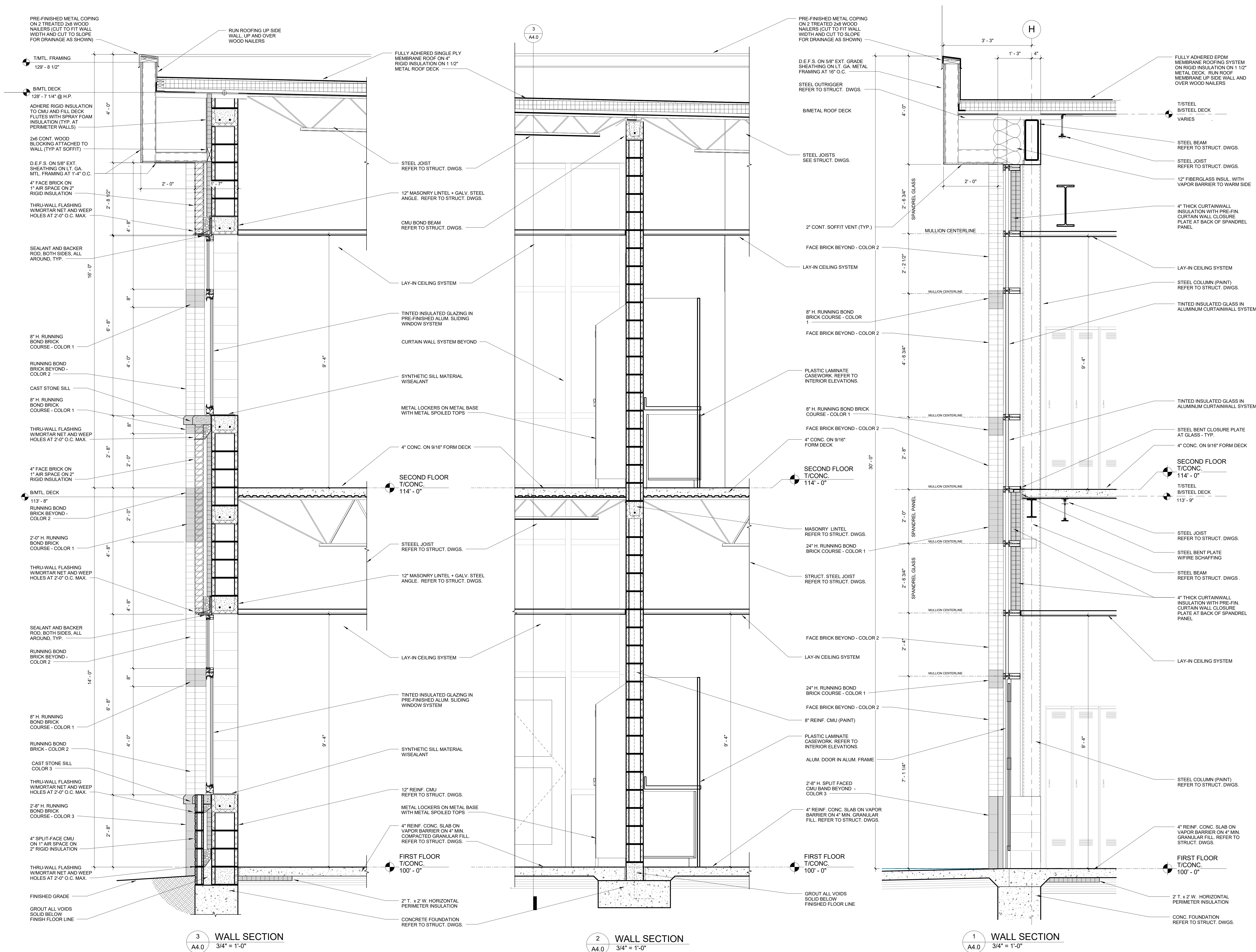
REVISIONS:

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04/25/17

DATE:	03/10/
SHEET NO.:	

A4.1

JOB NO.: 141594



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CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044

WALL SECTIONS

PRELIMINARY []
DESIGN DEVELOPMENT []
CONSTRUCTION []
FINAL RECORD []

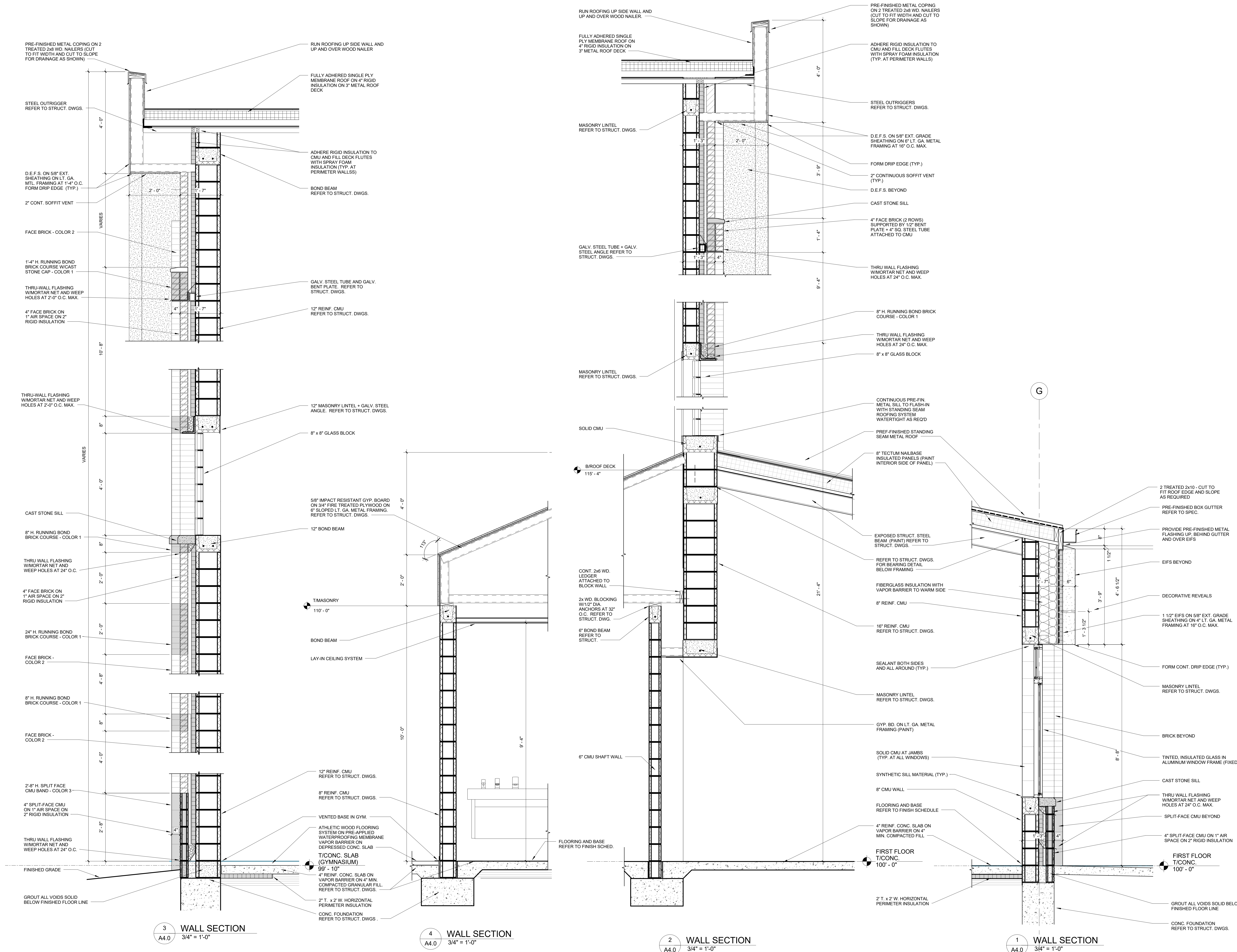
DRAWN BY: K
CHECKED BY: B

REVISIONS:
Construction Set
04/25/17

DATE:	03/10/
SHEET NO.:	

A4.2

JOB NO.: 141594



IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044

WALL SECTIONS

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

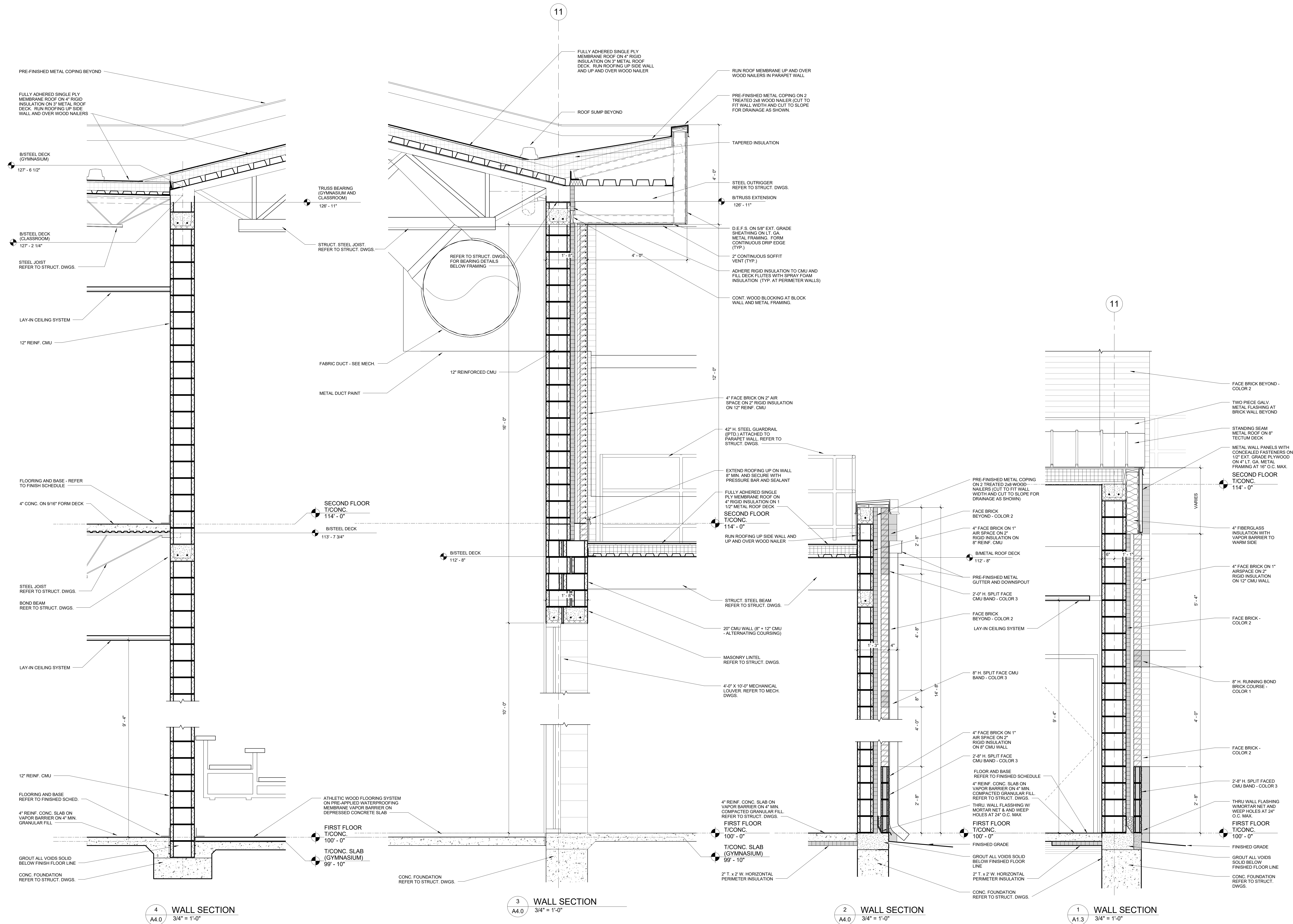
DRAWN BY: Author
CHECKED BY: Checker

REVISIONS:
Construction Set
04/25/17

DATE: 03/10/17
SHEET NO.:

A4.3

JOB NO.: 141594

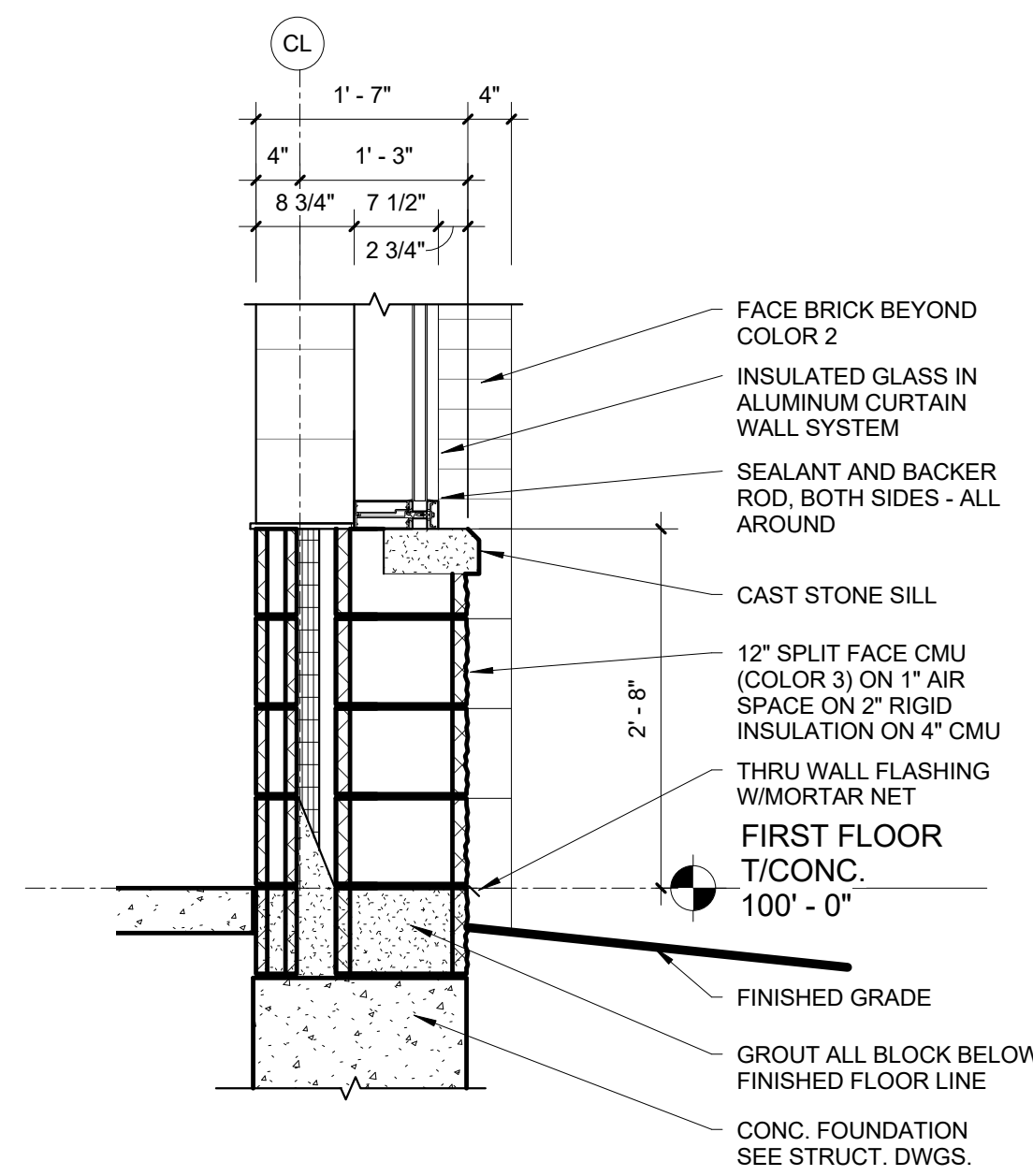


ALL SECTIONS

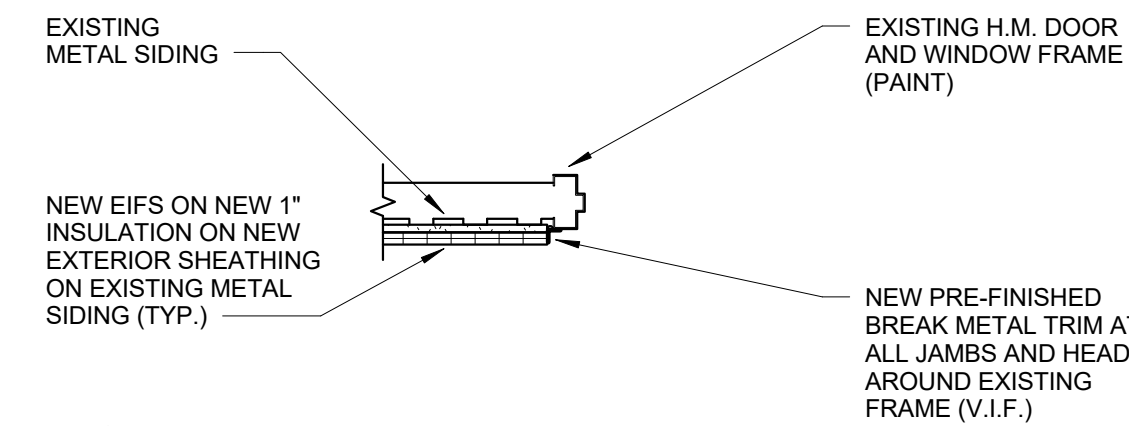
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SHEET NO.:	

OB NO.: 141594

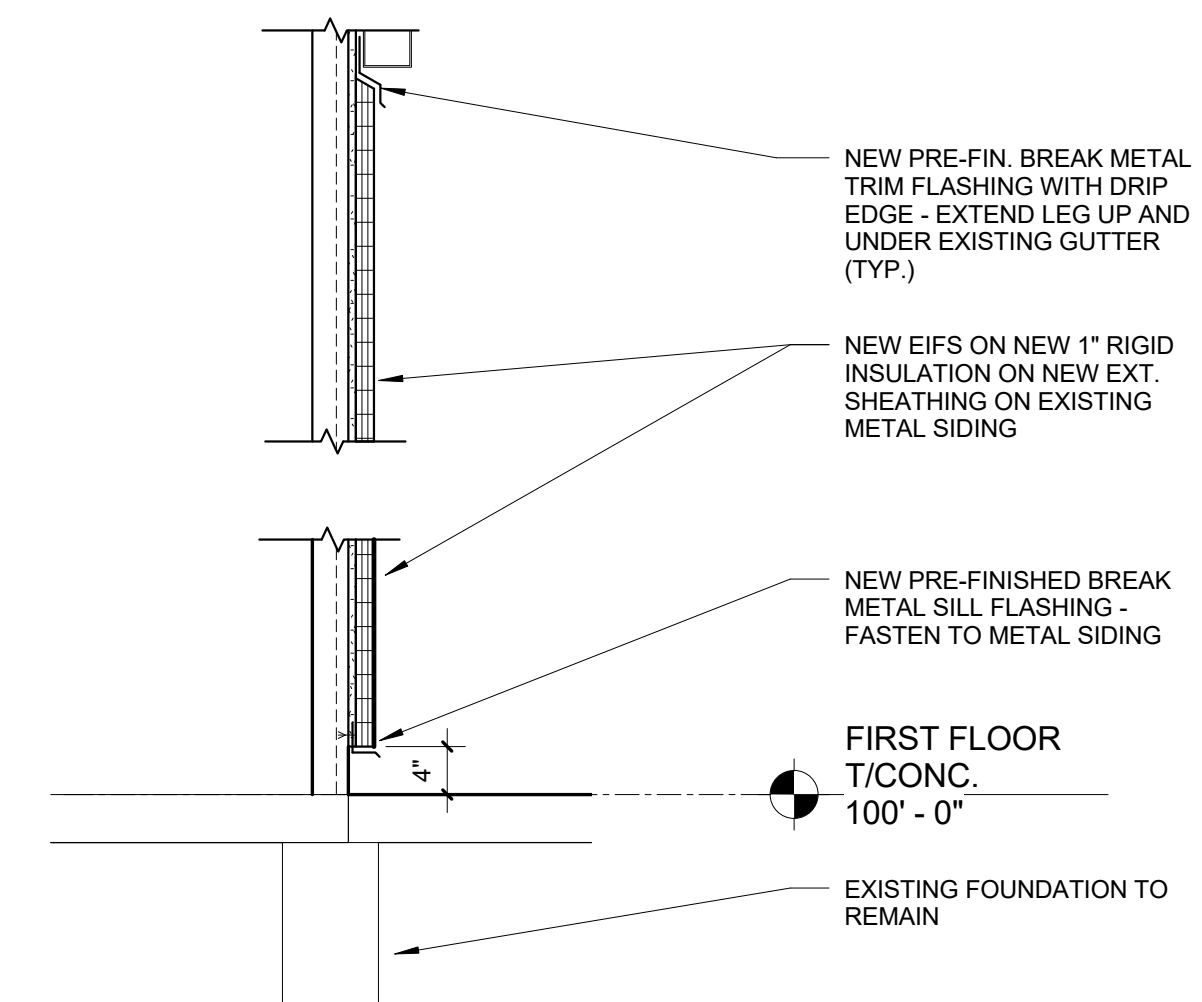
IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044



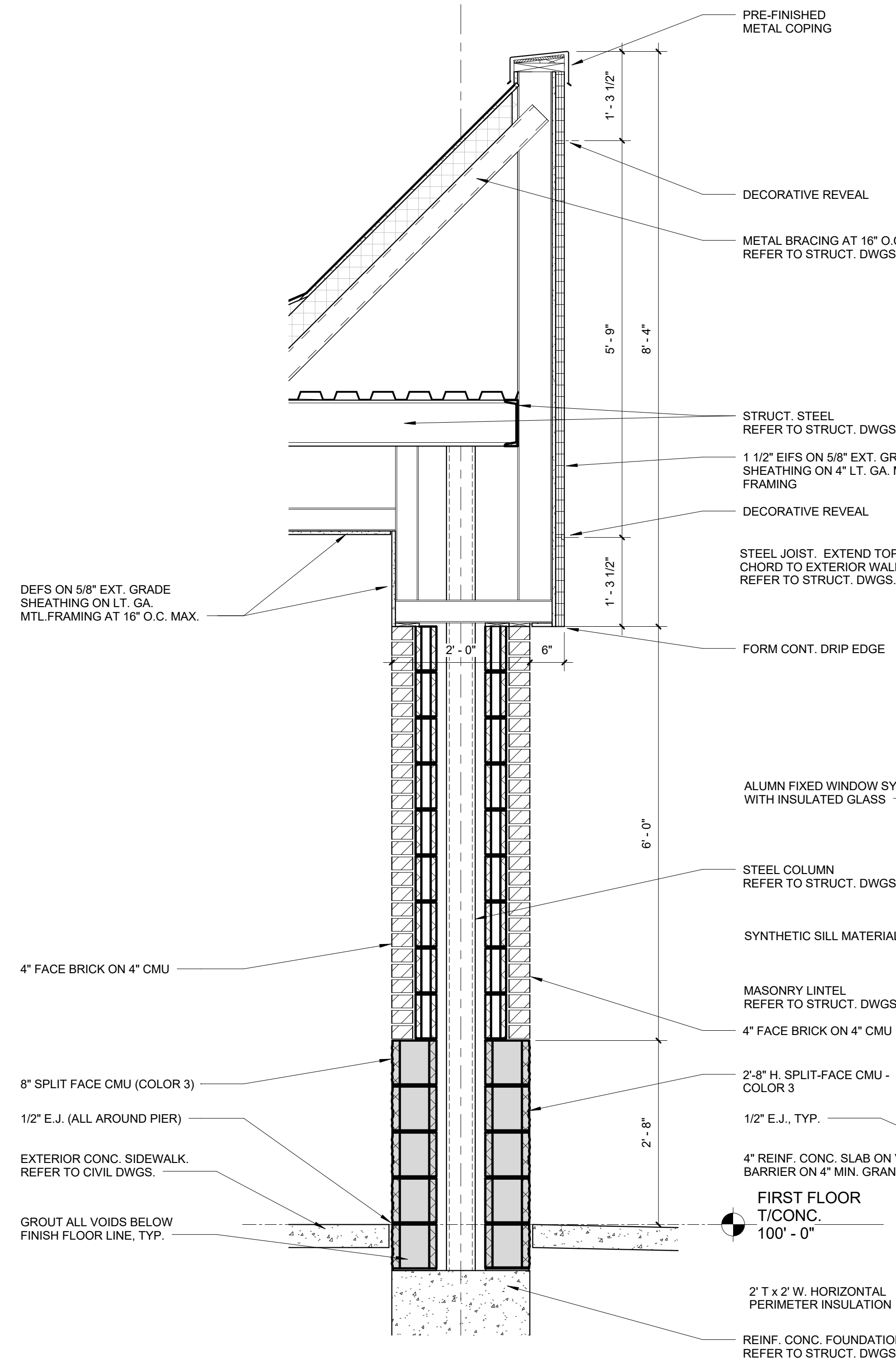
6 SECTION DETAIL AT CURTAINWALL SILL
3/4" = 1'-0"



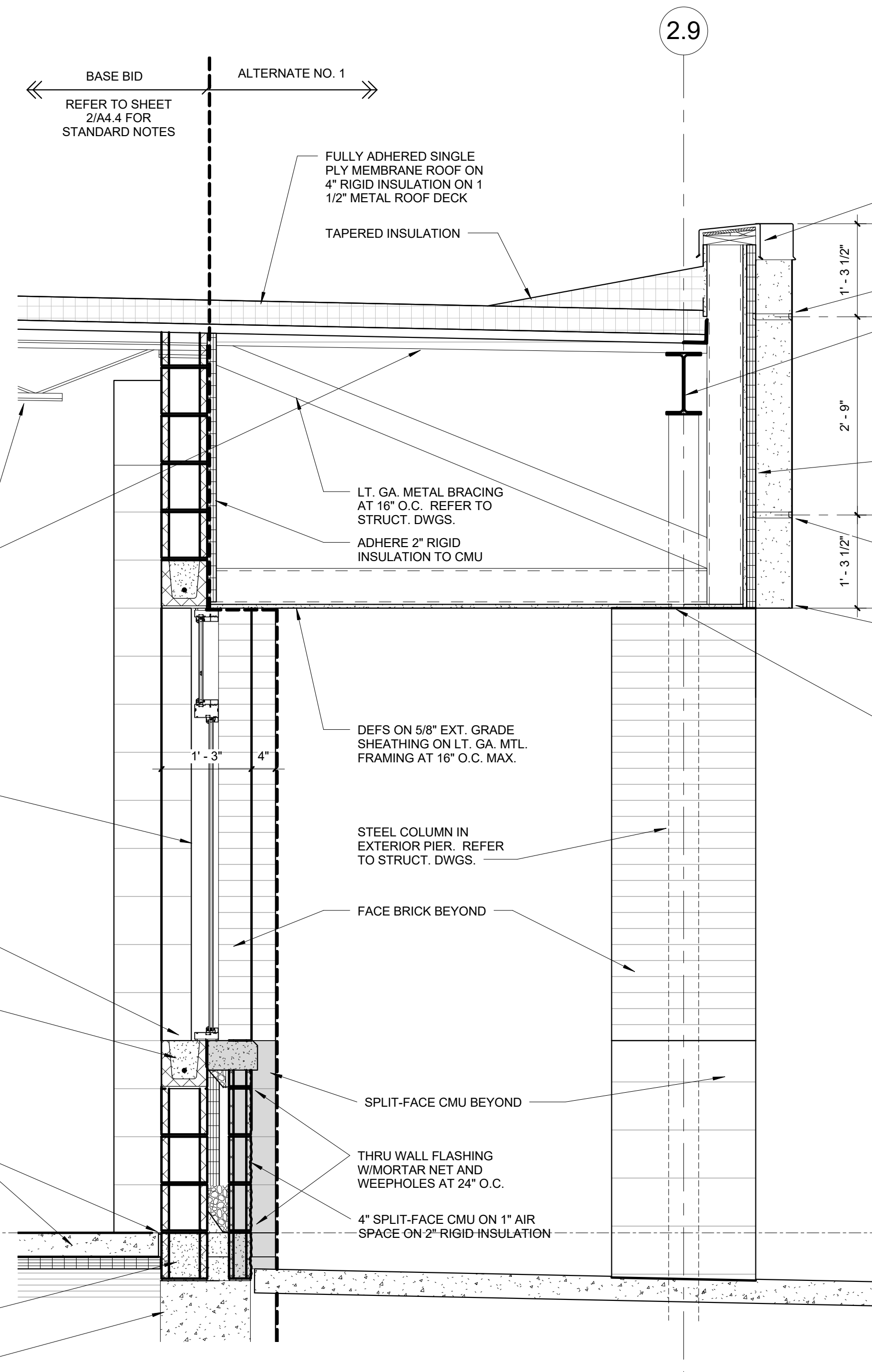
5 TYP. PLAN DETAIL - ALT. NO. 2
3/4" = 1'-0"



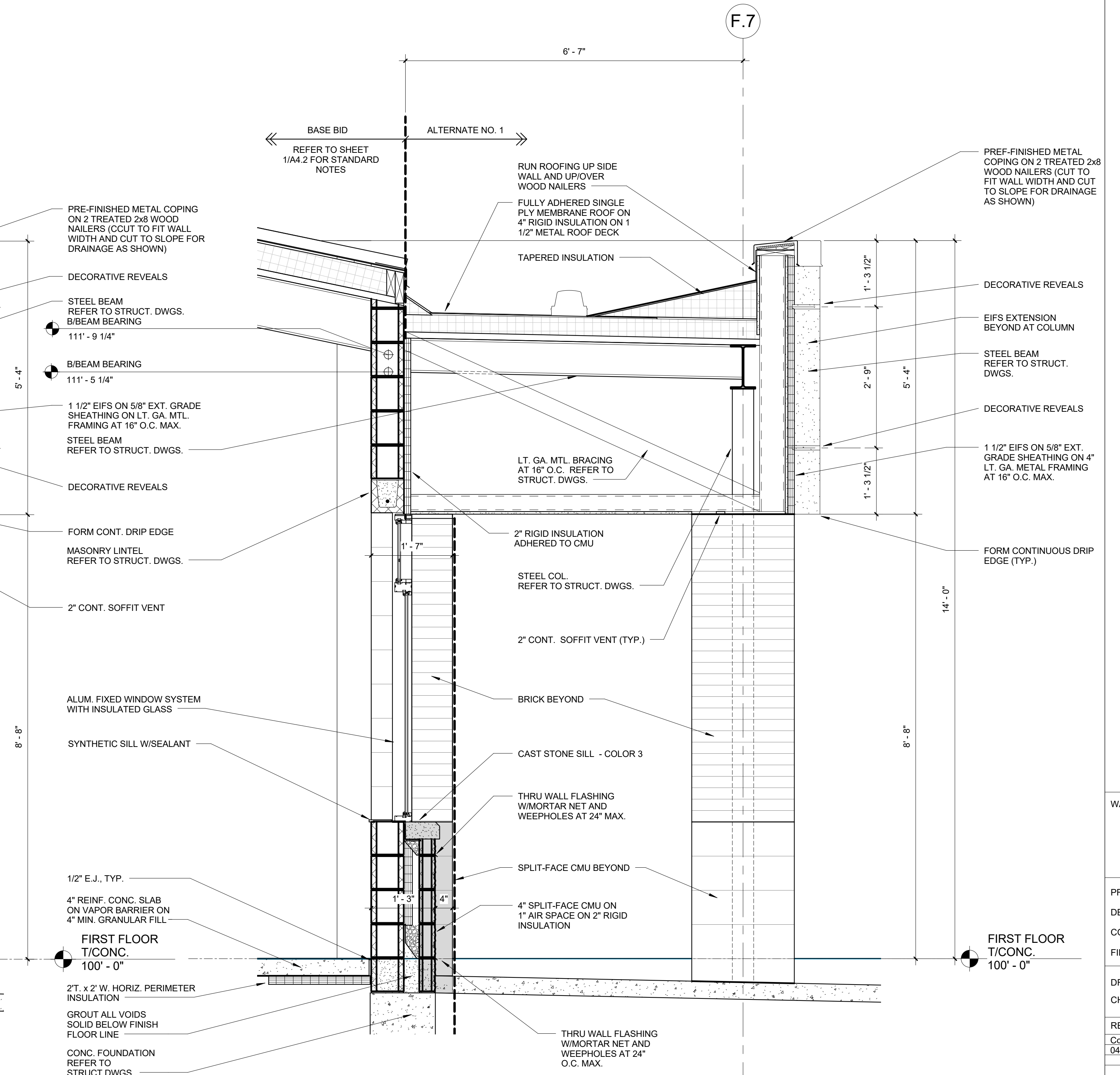
4 WALL SECTION - ALT. NO. 2
A3.0 3/4" = 1'-0"



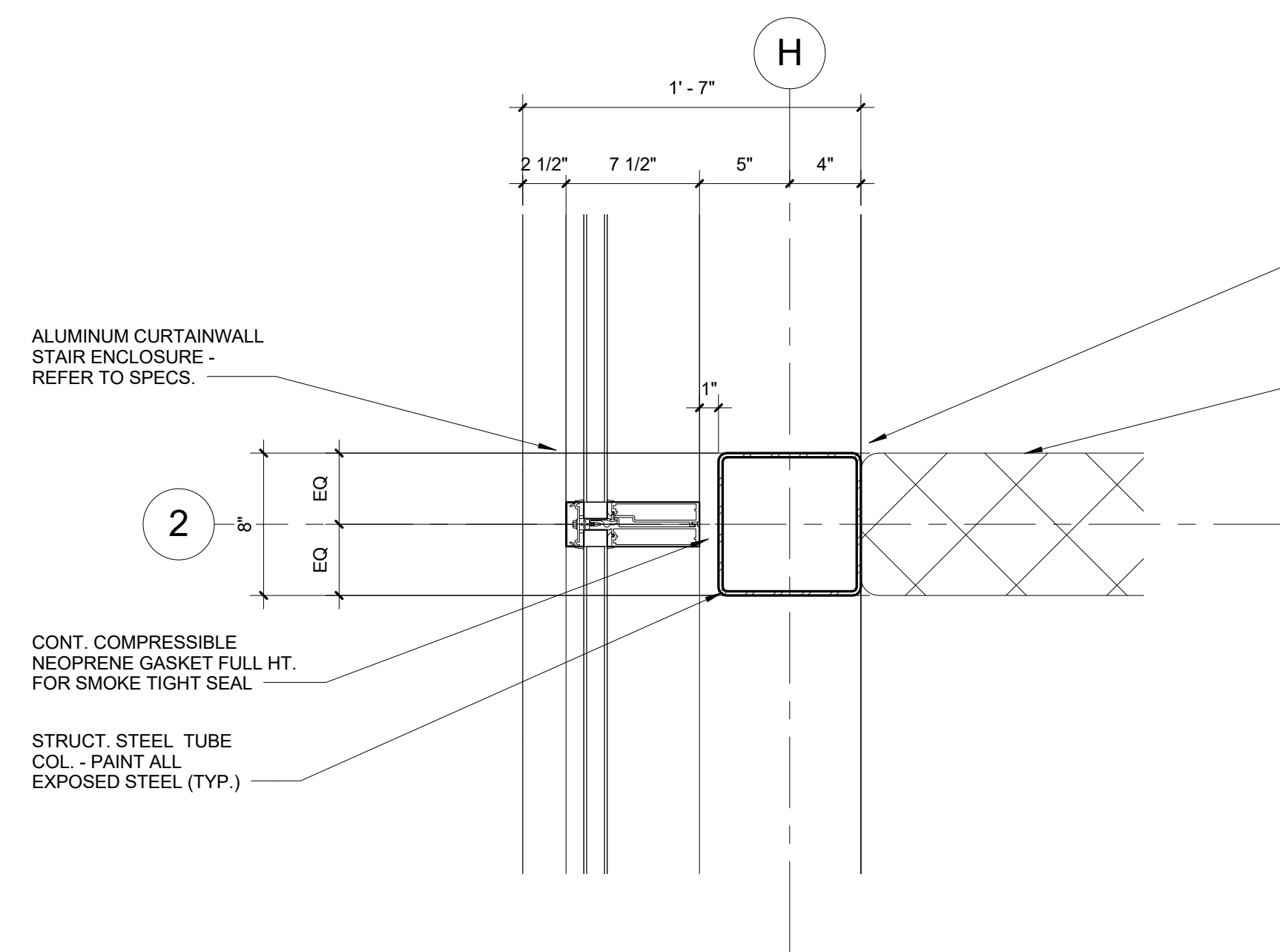
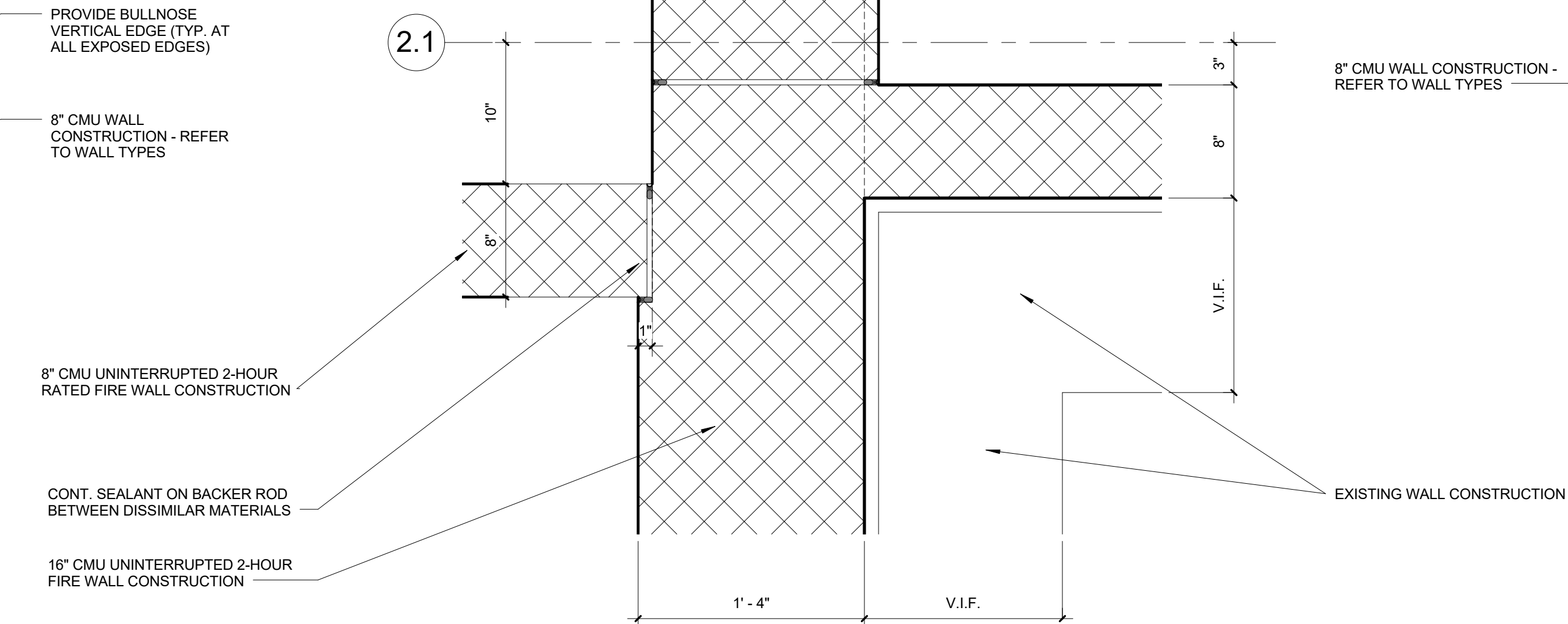
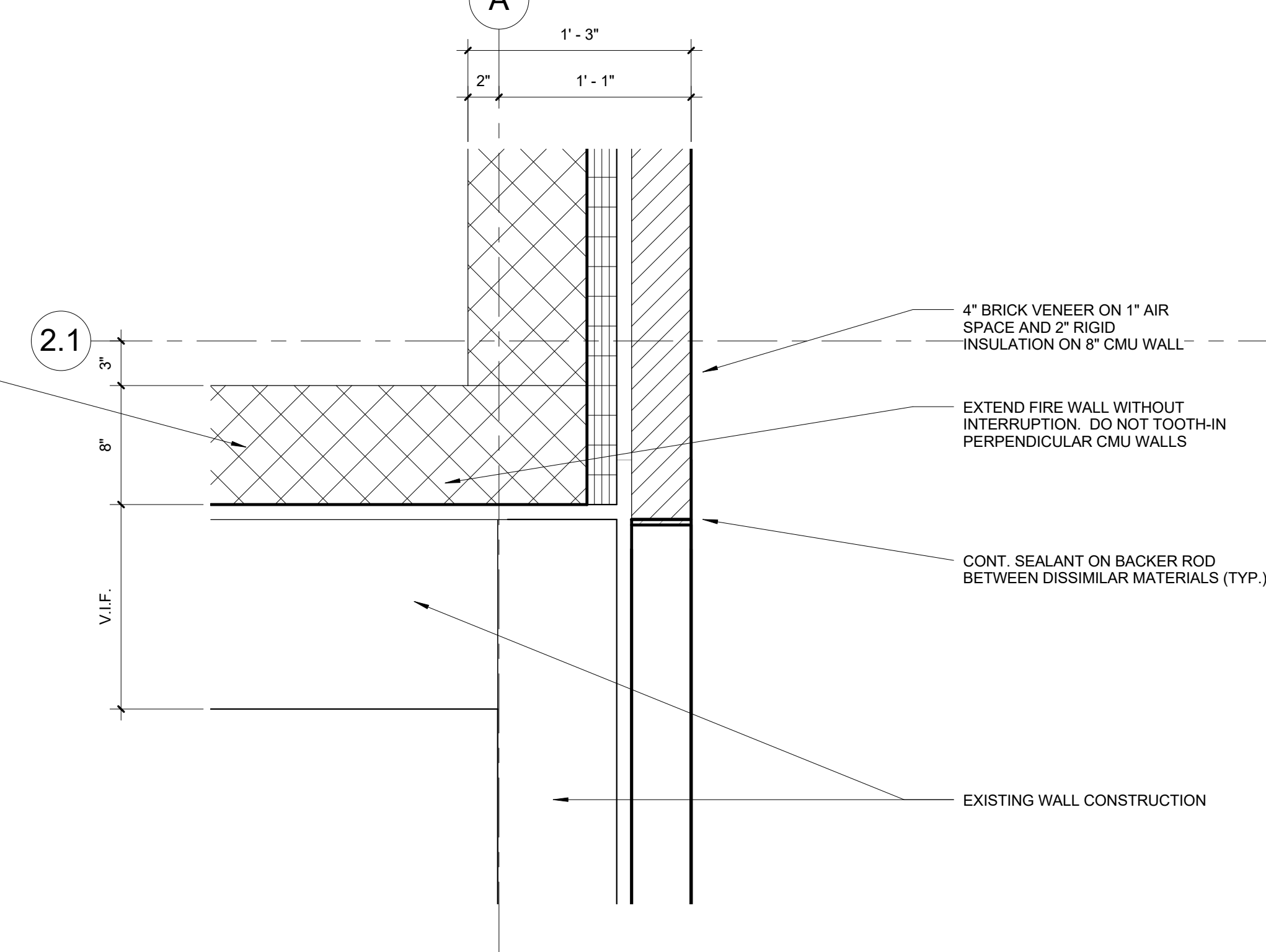
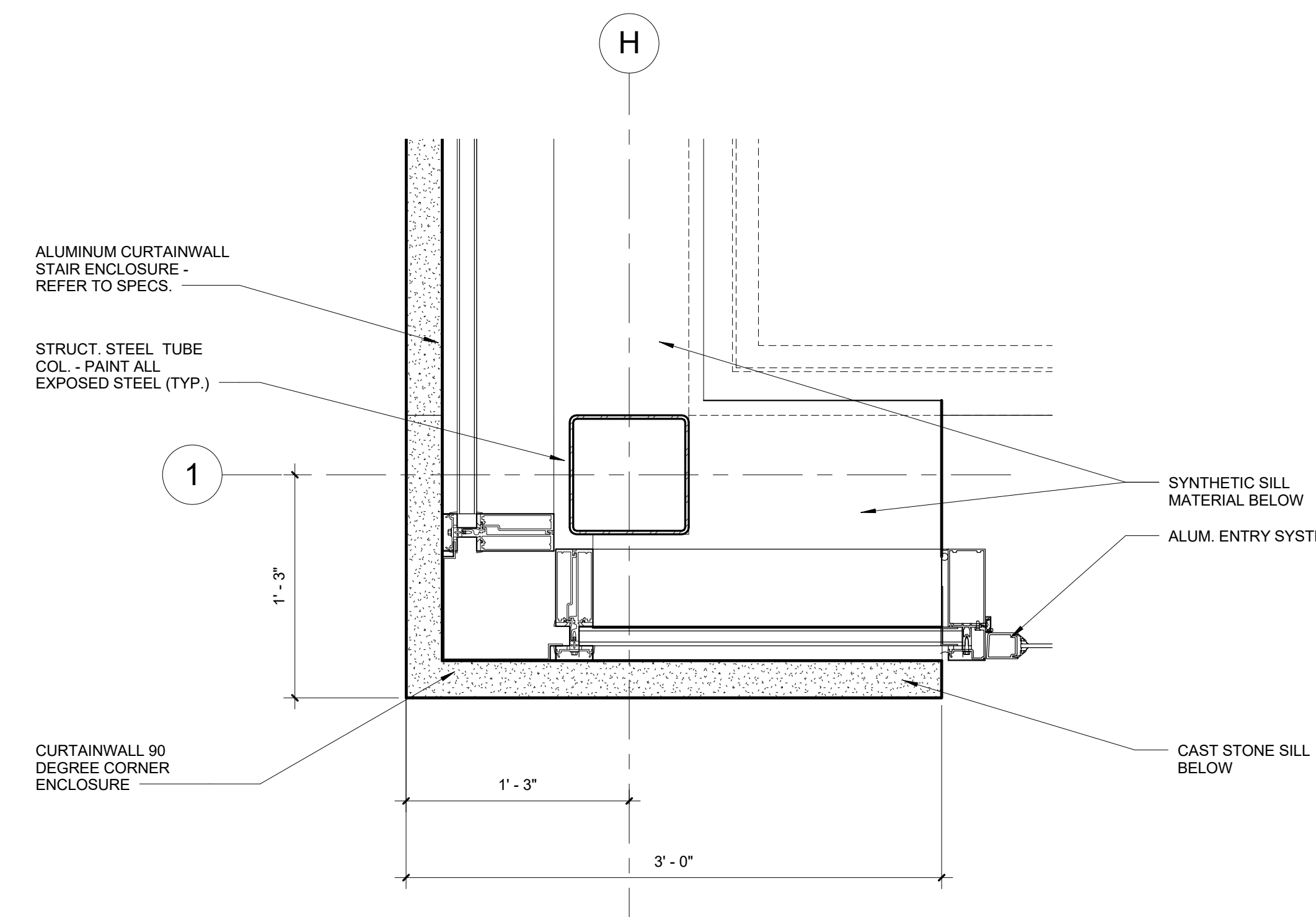
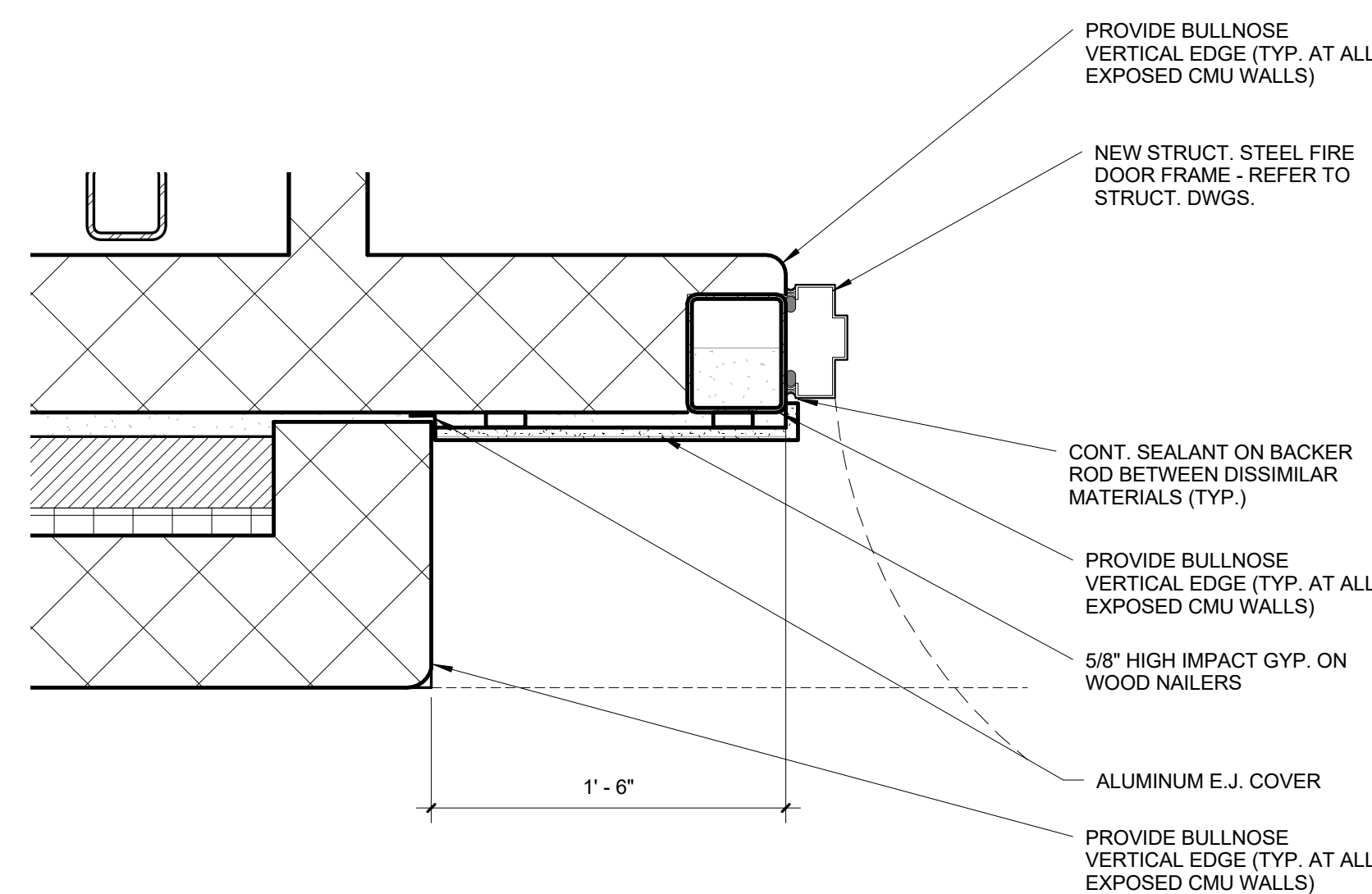
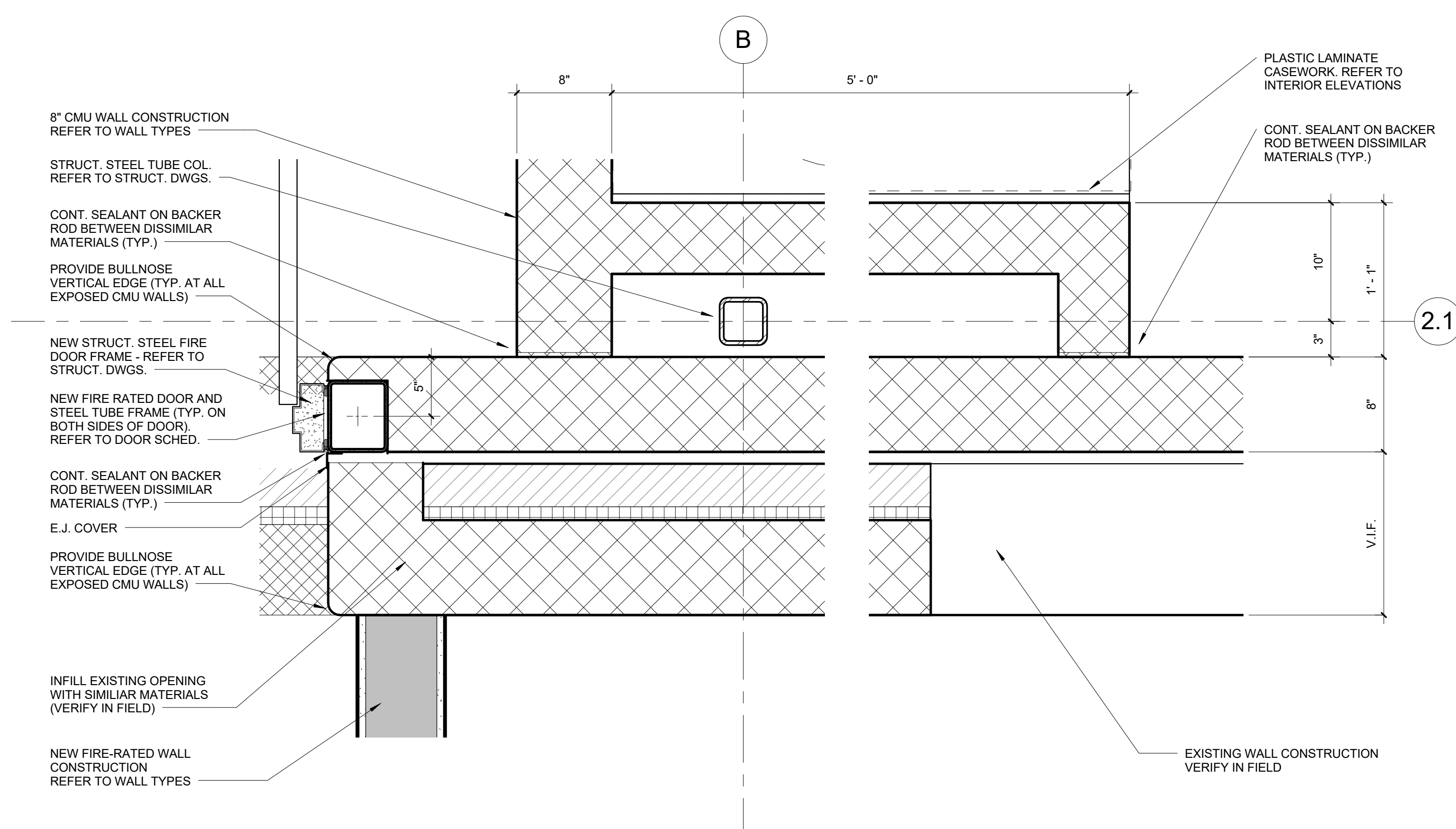
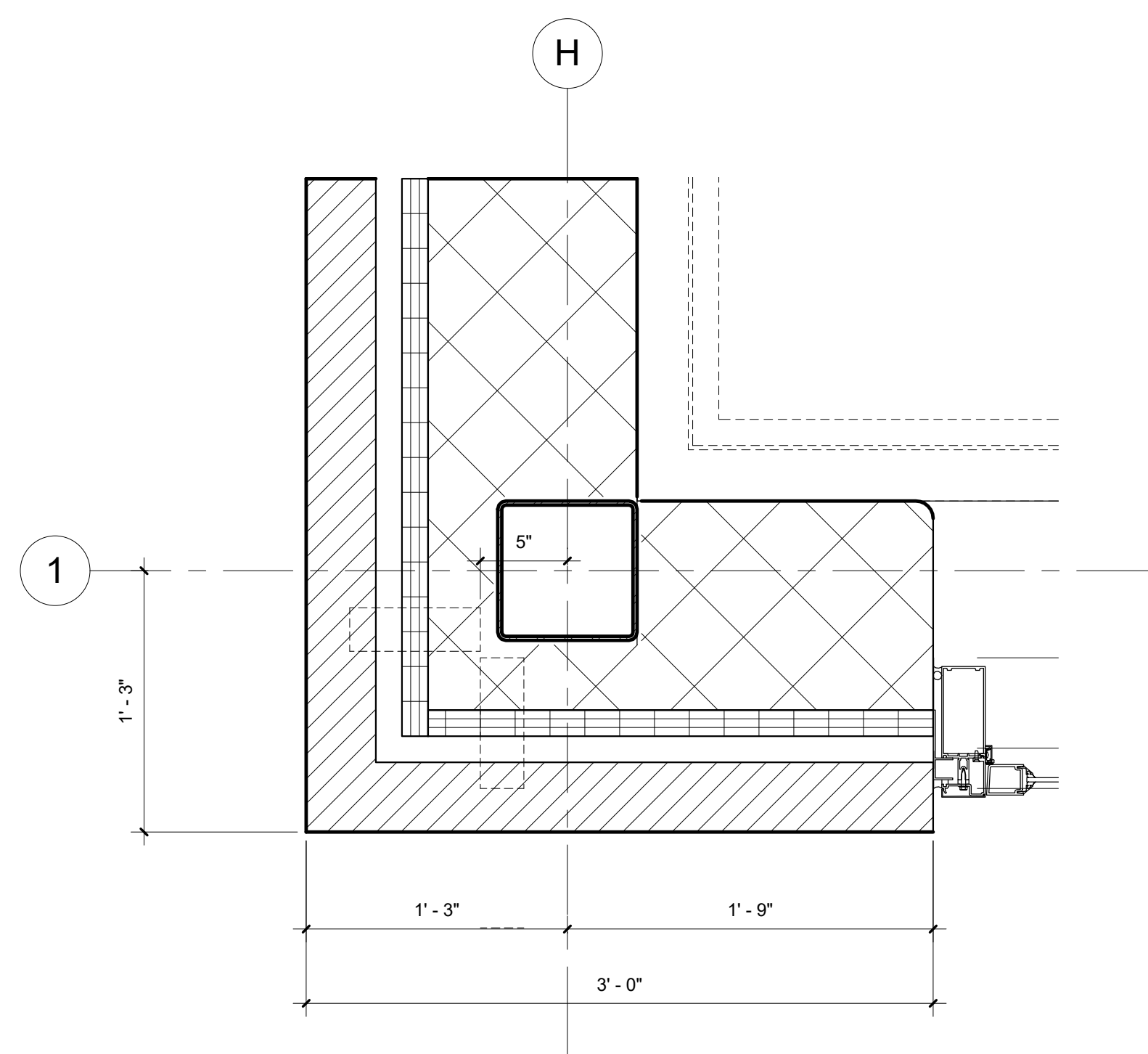
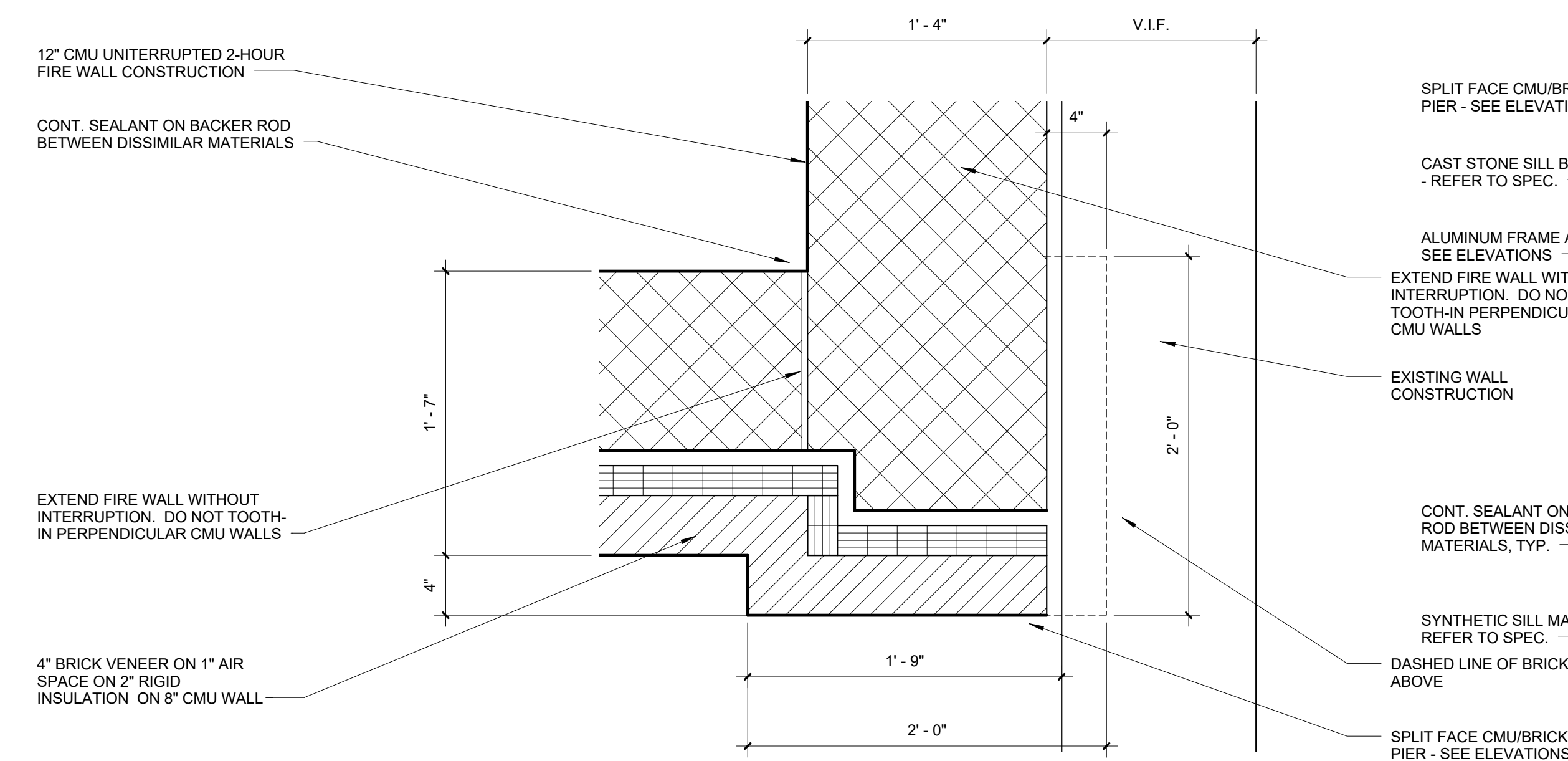
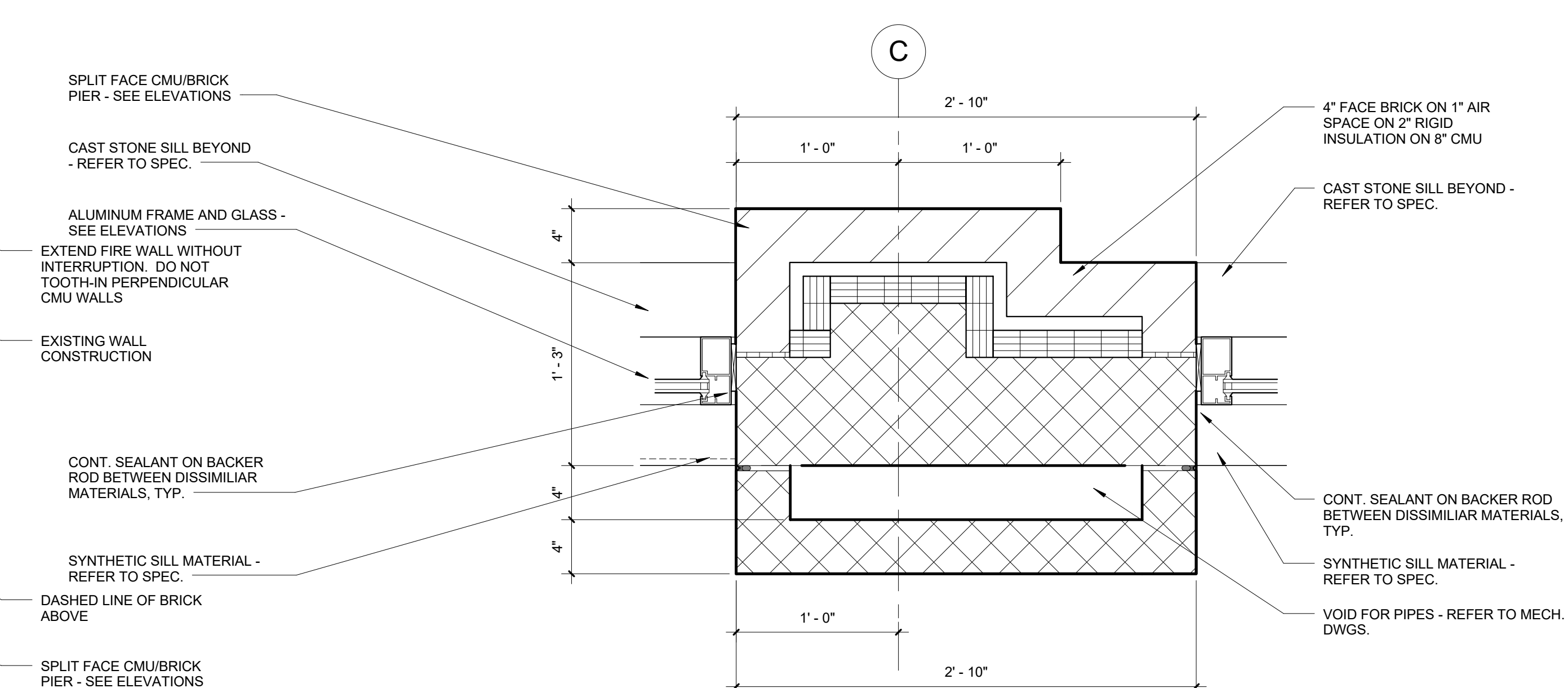
3 WALL SECTION
A5.1 $3/4" = 1'-0"$



2 WALL SECTION - ALT. NO. 1
A3.1 $3/4" = 1'-0"$



1 WALL SECTION - ALT. NO. 1
A3.1 $3/4" = 1'-0"$

9 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"5 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"3 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"8 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"4 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"2 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"7 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"6 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"1 ENLARGED PLAN DETAIL
1 1/2" = 1'-0"

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CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044

ENLARGED PLAN DETAILS

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

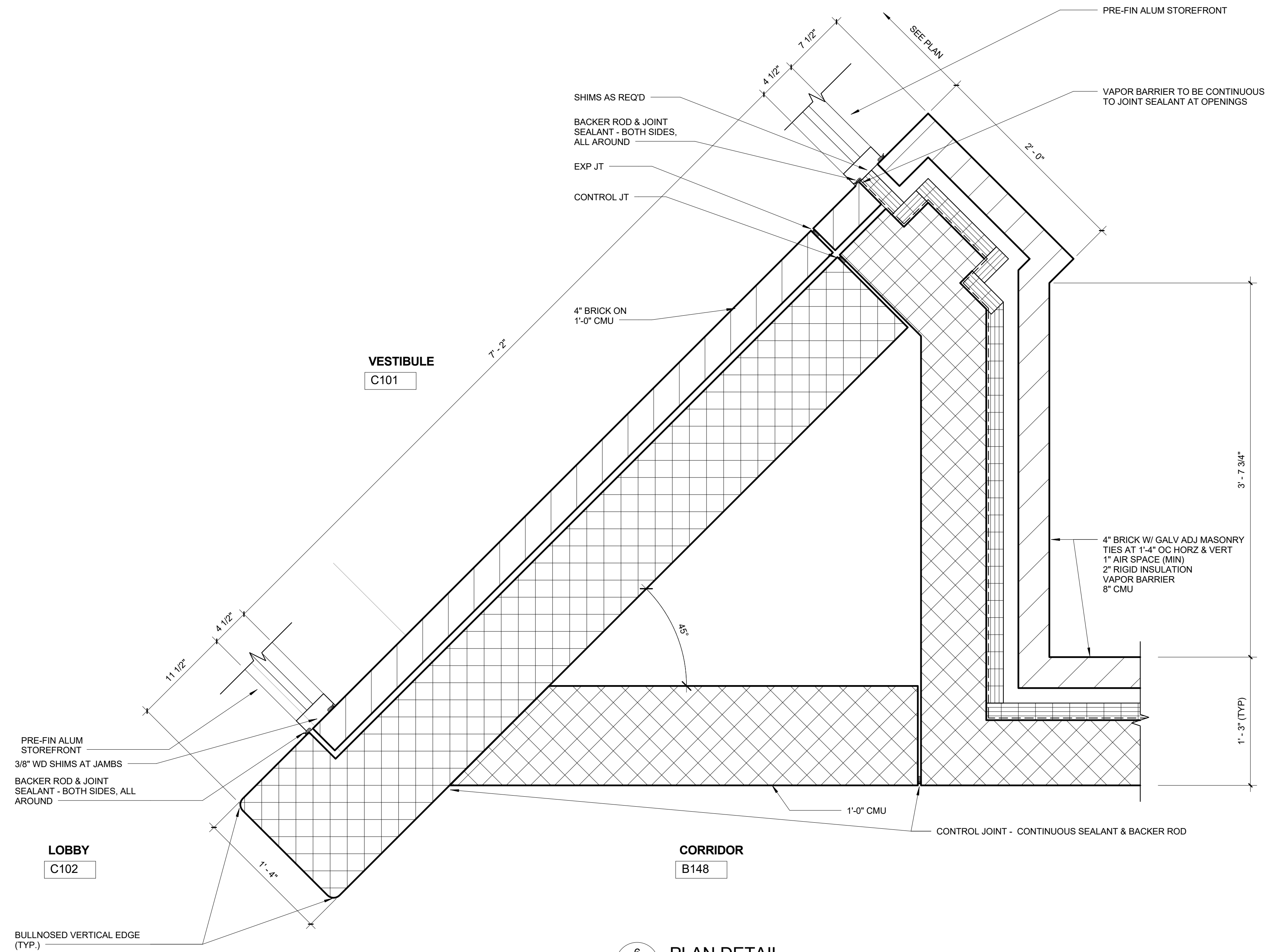
DRAWN BY: KAN
CHECKED BY: Checker

REVISIONS:
Construction Set
04/25/17

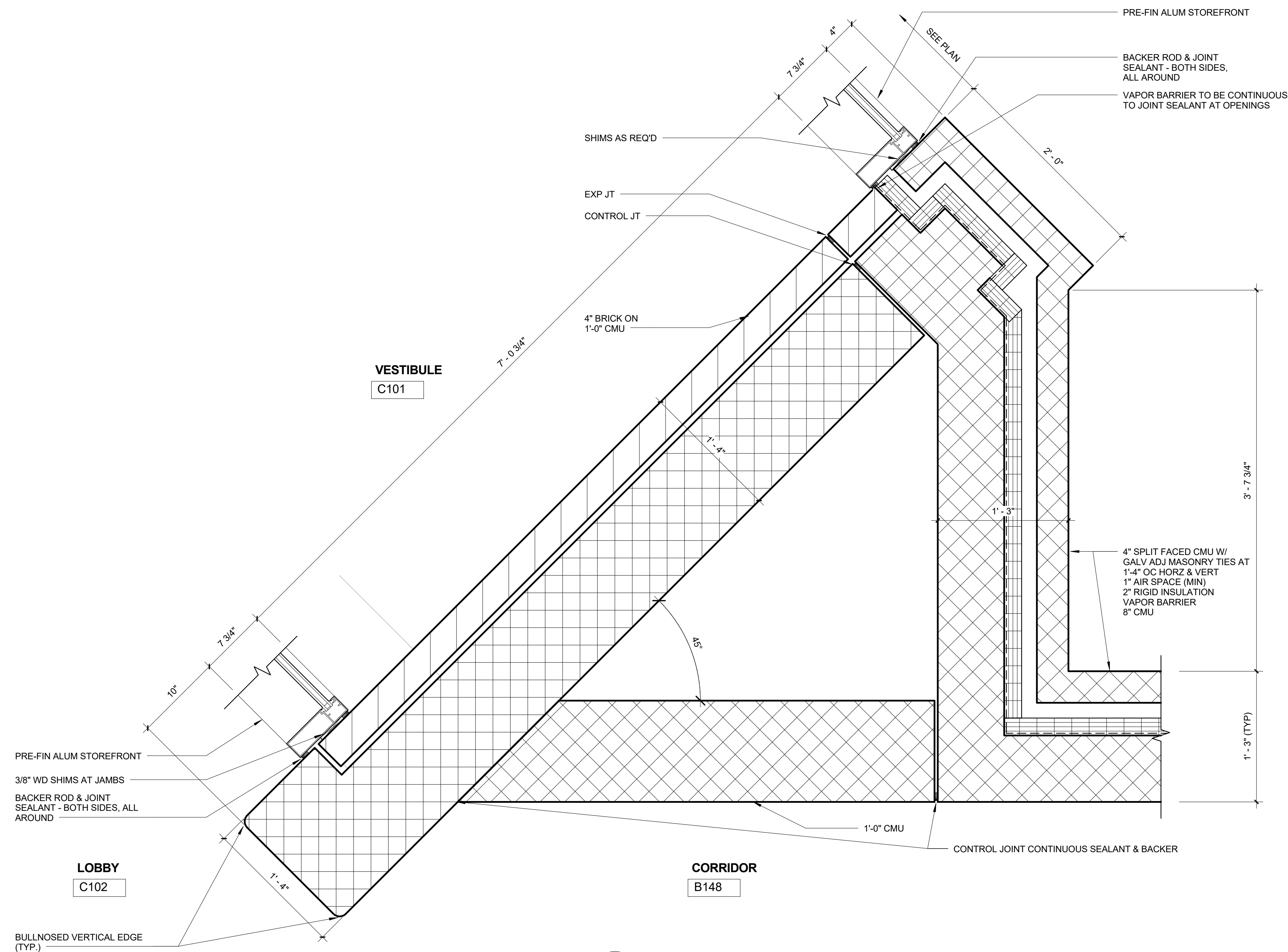
DATE: 03/10/17
SHEET NO.:

A5.1

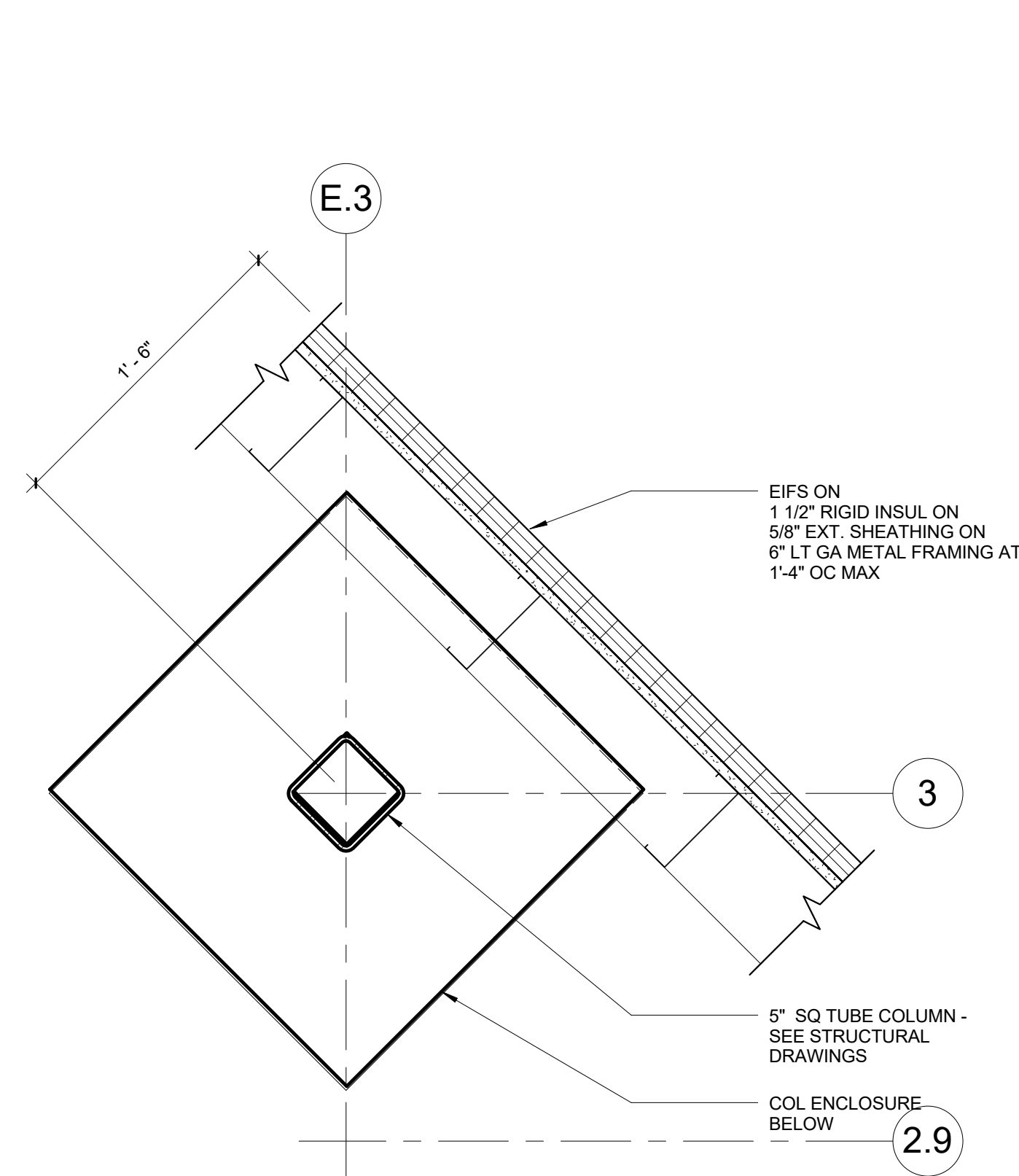
JOB NO.: 141594



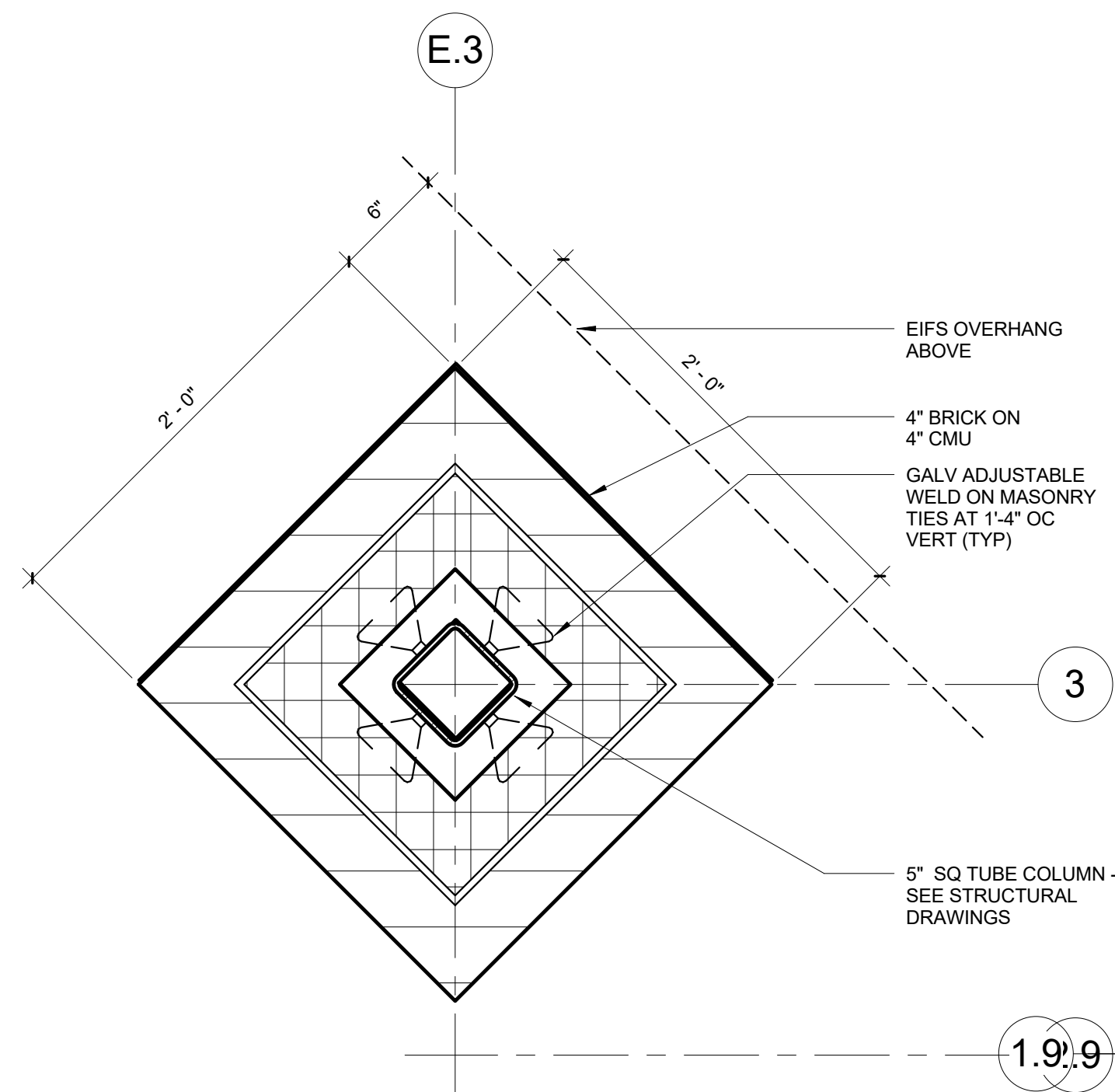
6 PLAN DETAIL
A5.1 1 1/2" = 1'-0"



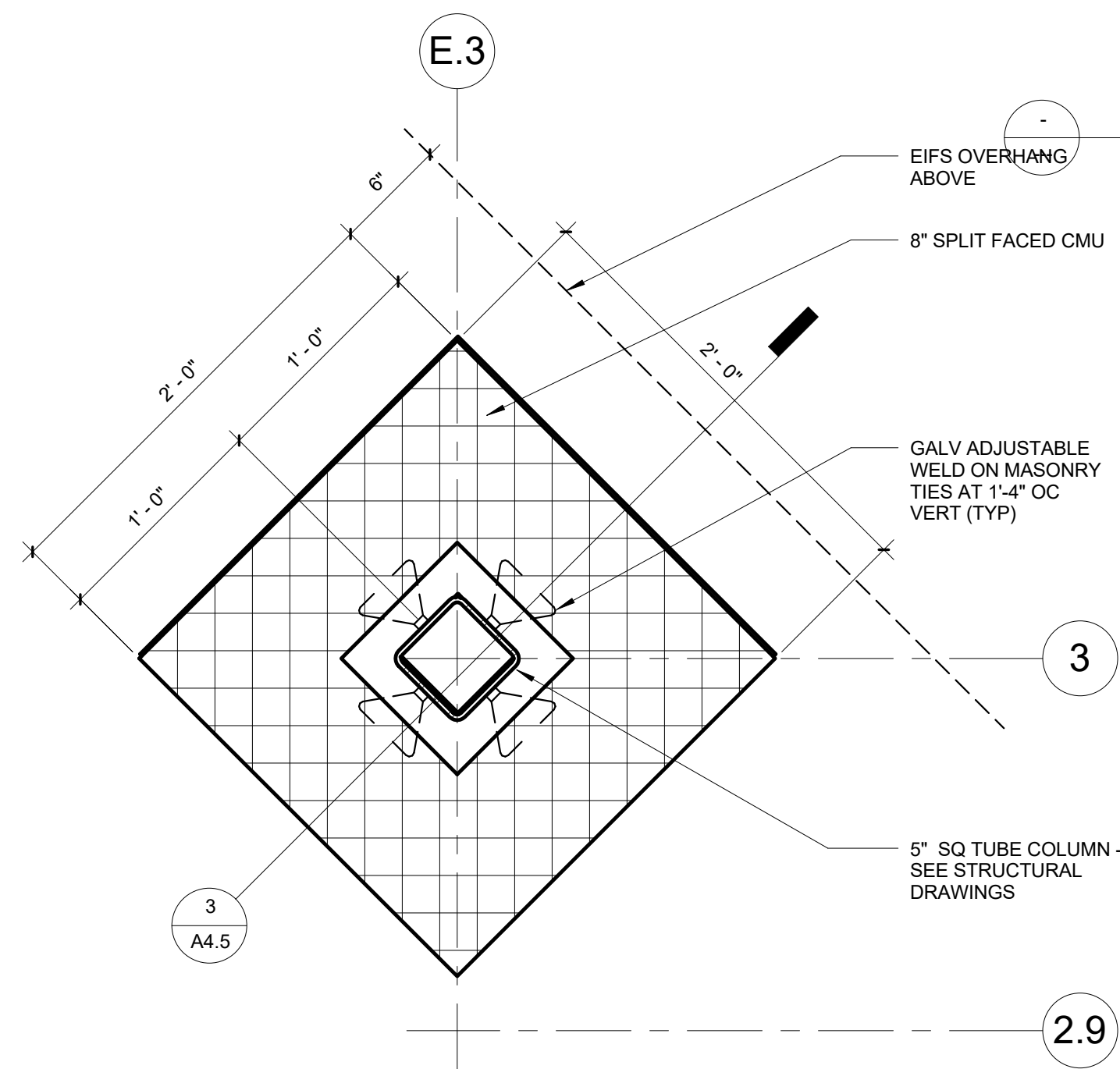
5 PLAN DETAIL
A5.1 1 1/2" = 1'-0"



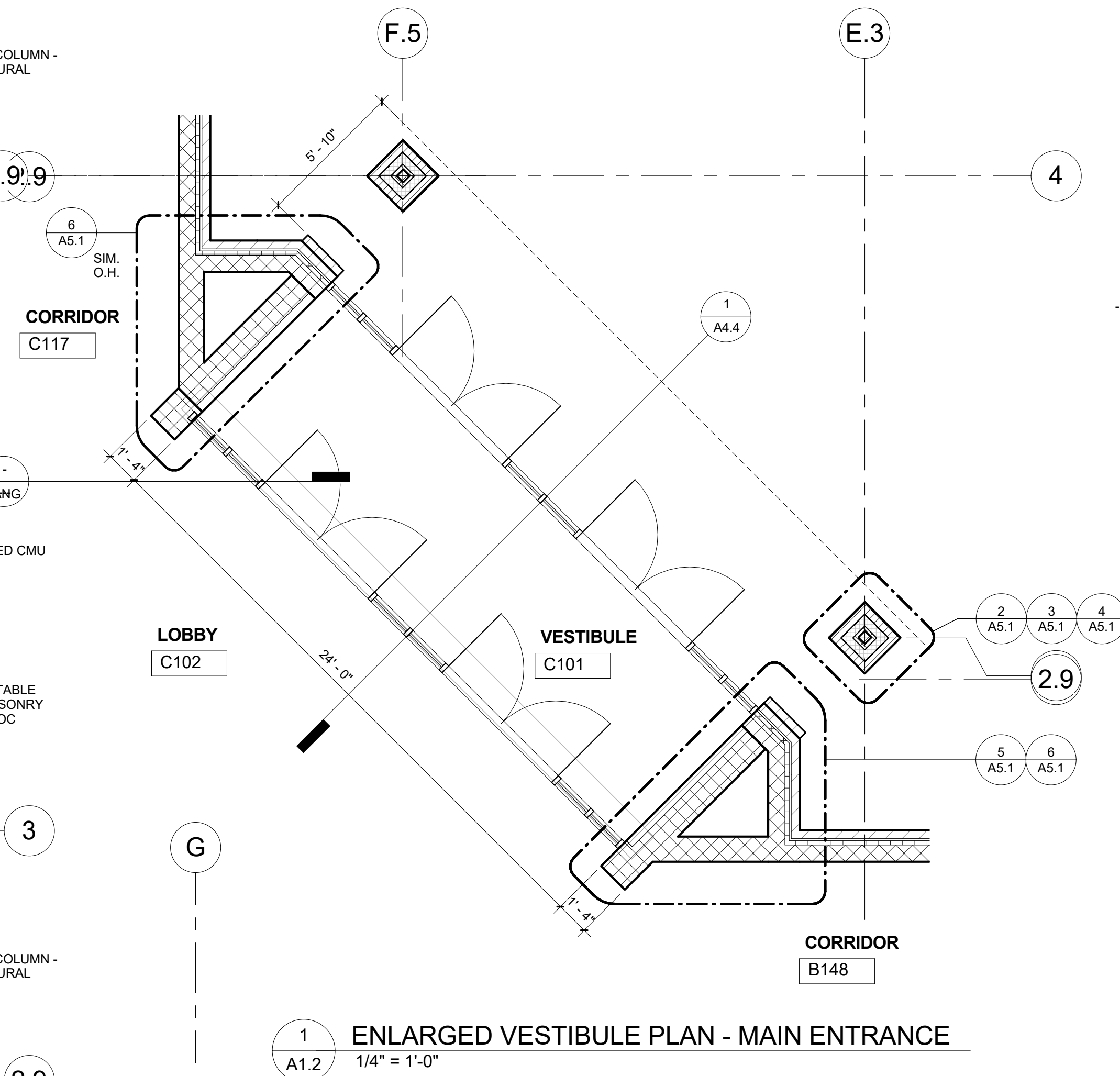
4 PLAN DETAIL
A5.1 1 1/2" = 1'-0"



3 PLAN DETAIL
A5.1 1 1/2" = 1'-0"



2 PLAN DETAIL
A5.1 1 1/2" = 1'-0"

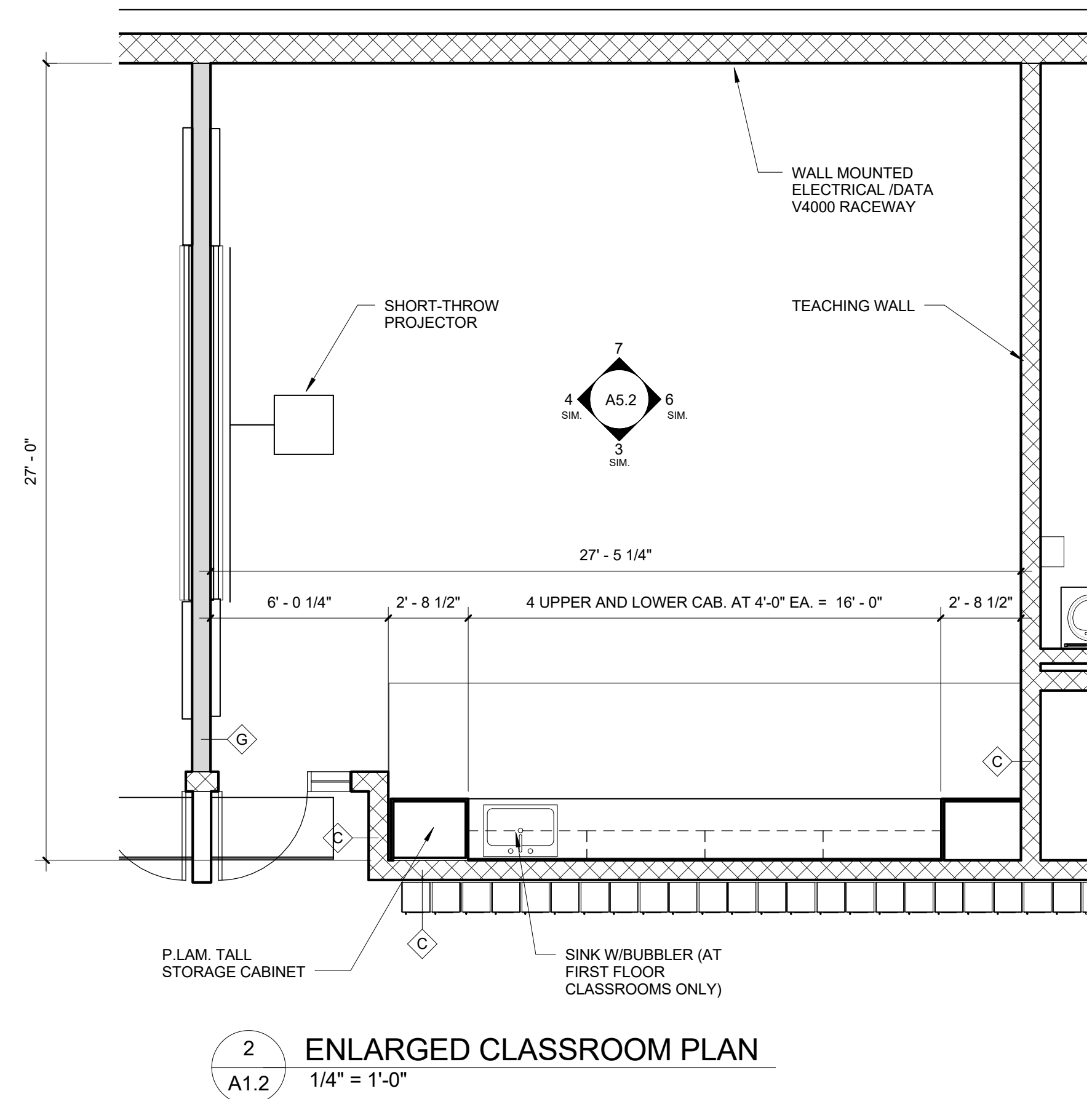
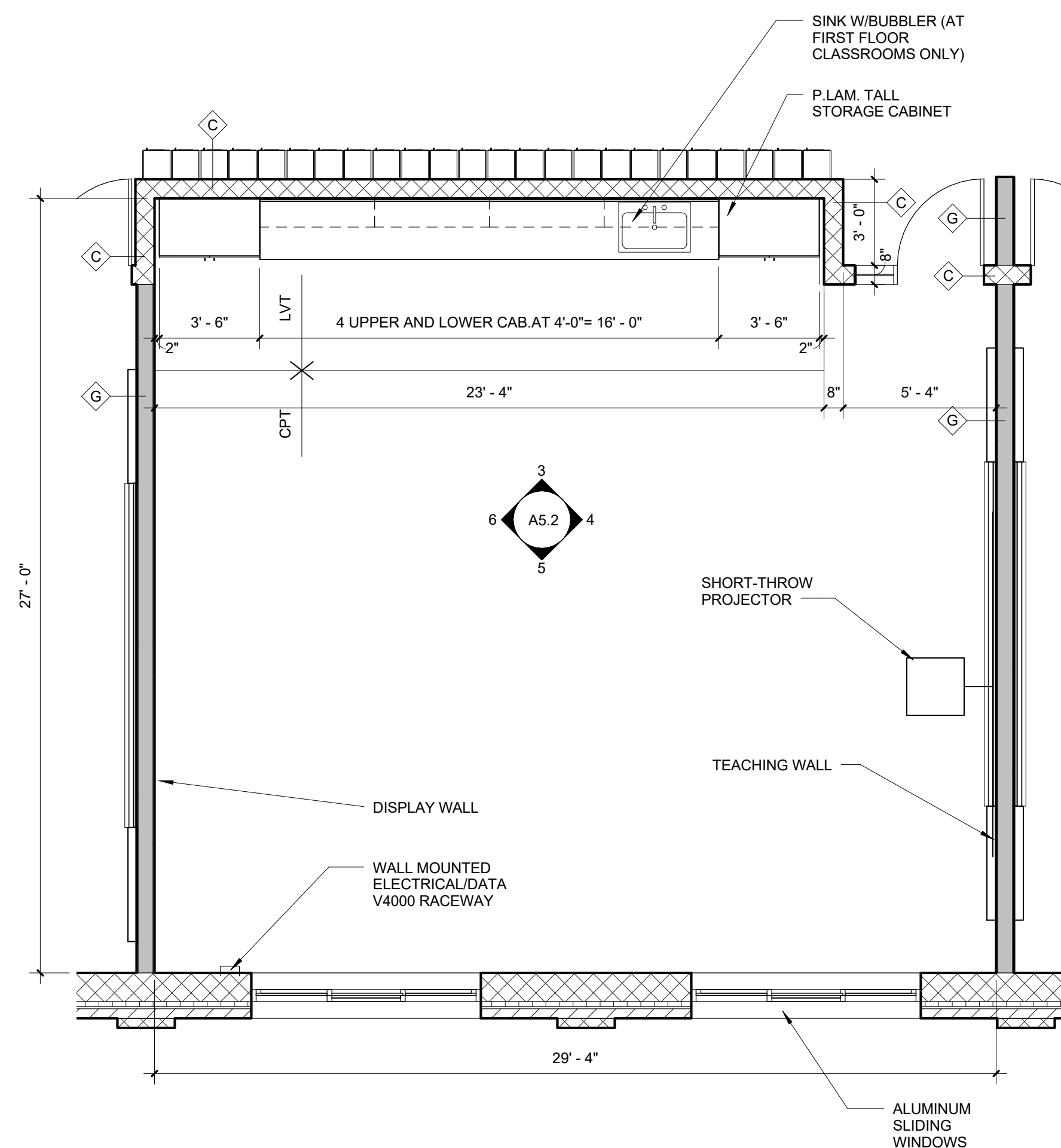
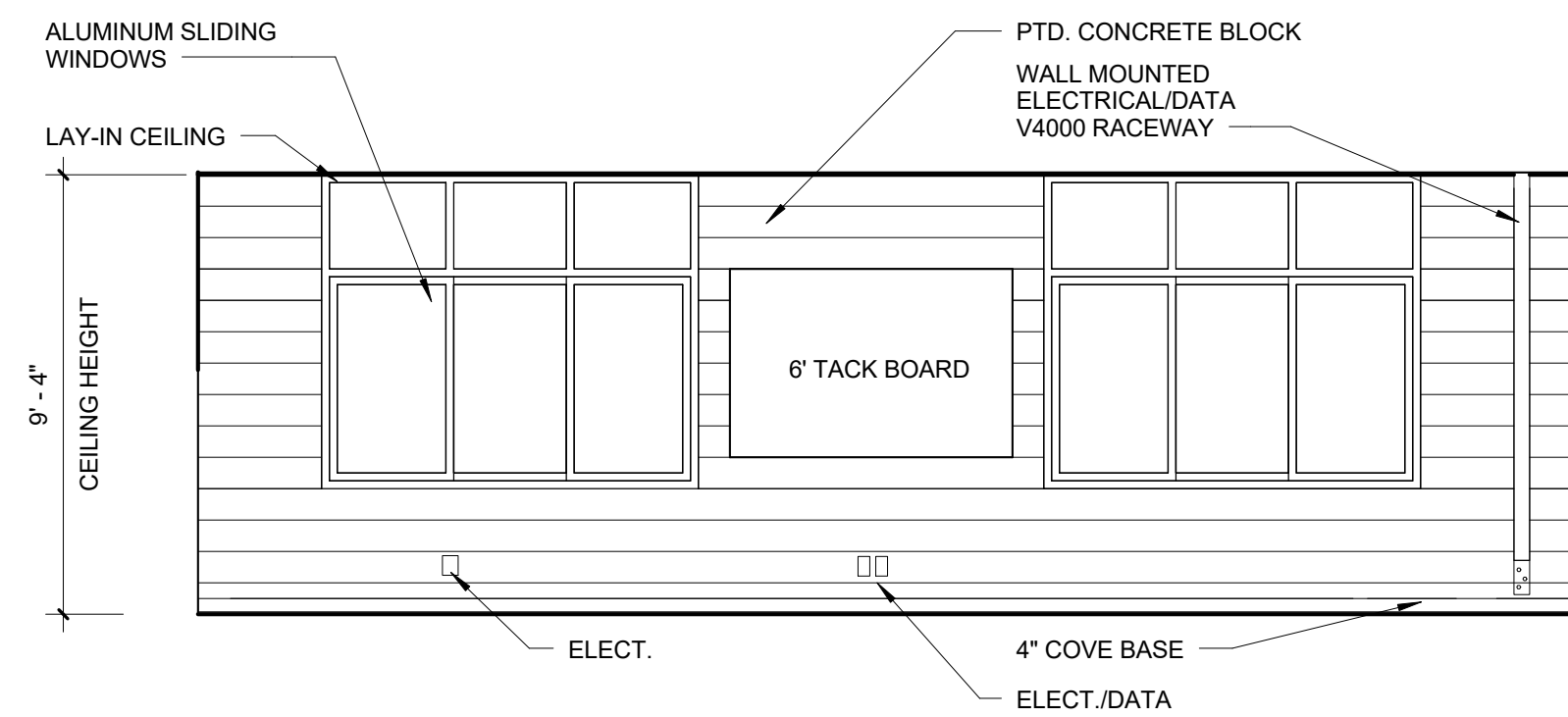
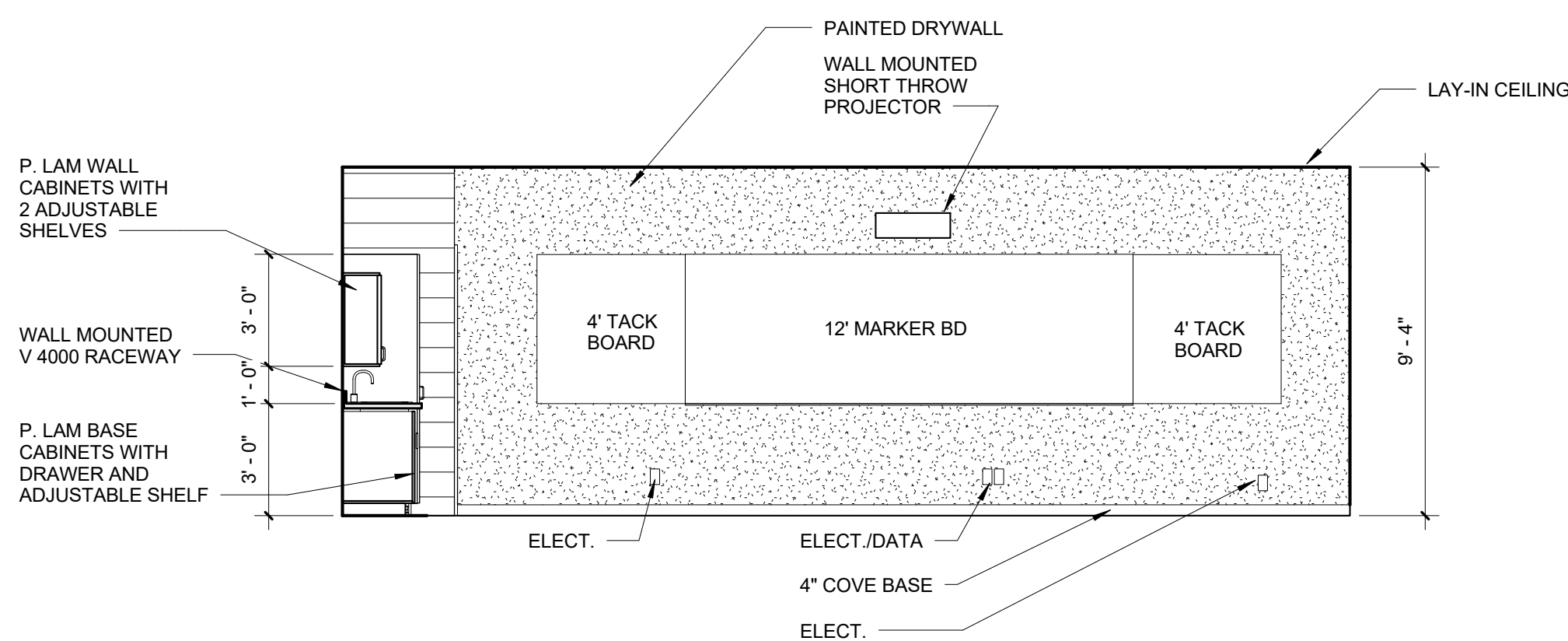
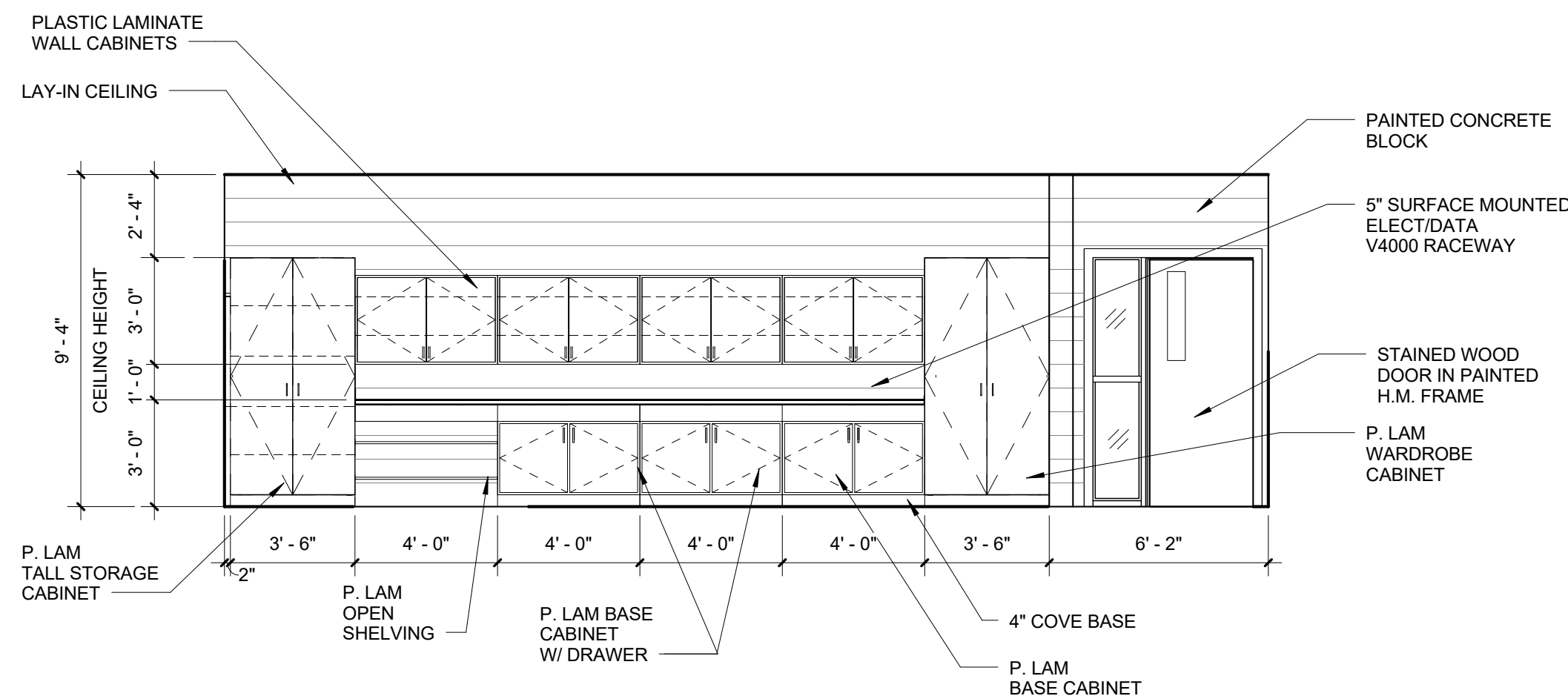
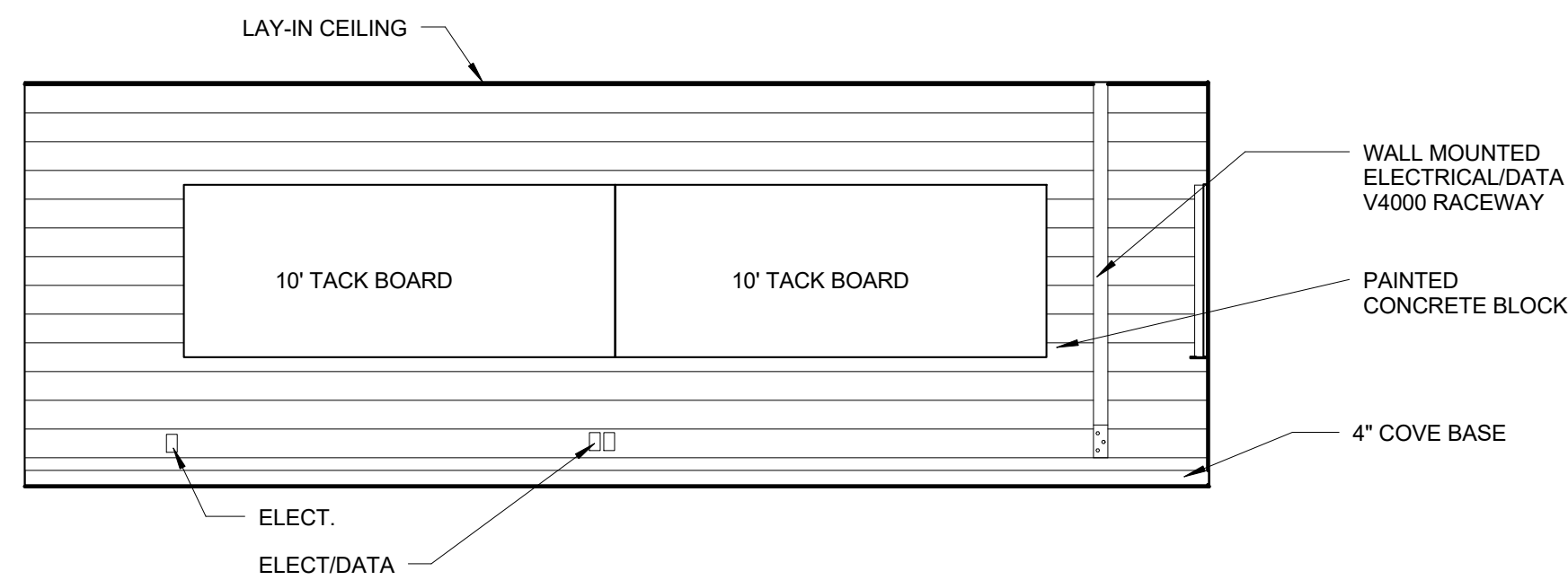
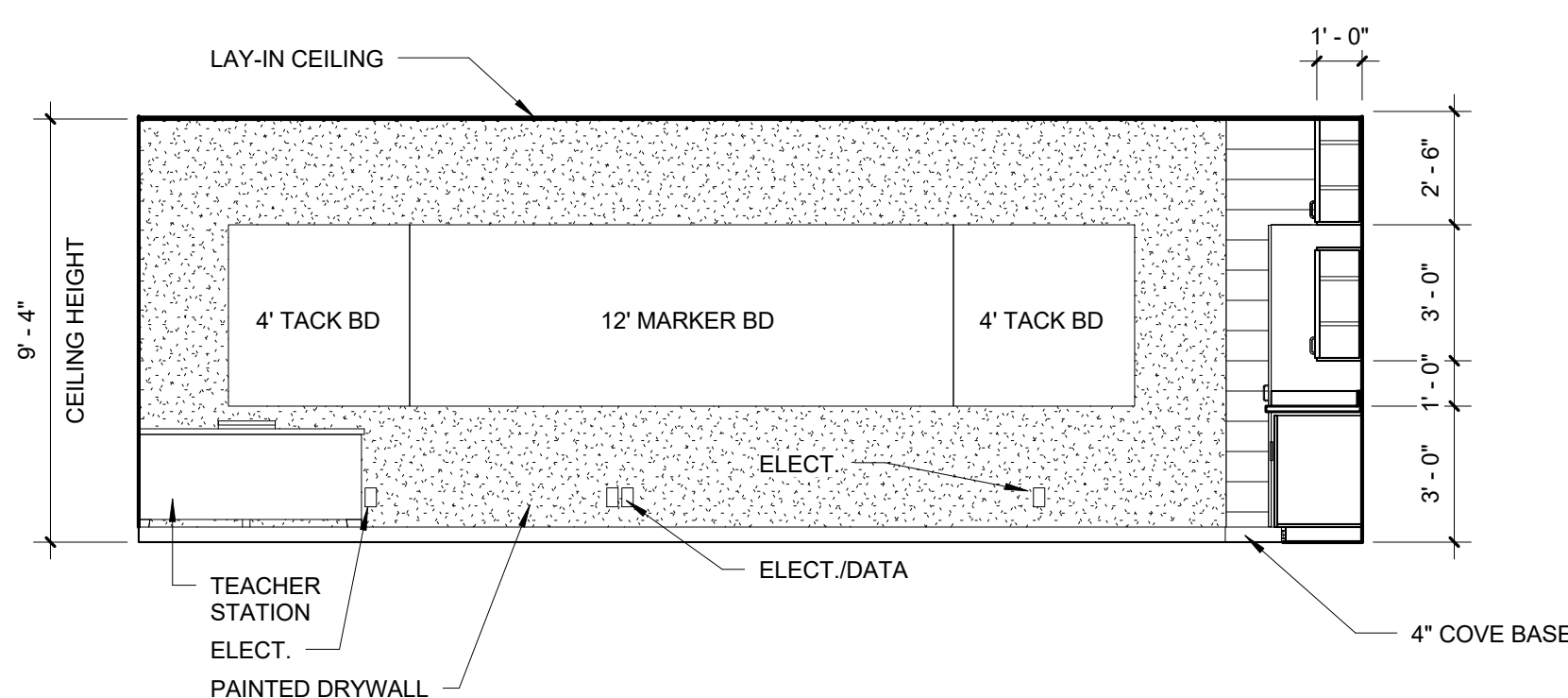


1 ENLARGED VESTIBULE PLAN - MAIN ENTRANCE
A1.2 1/4" = 1'-0"

IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044ENLARGED CLASSROOM
PLANS AND INTERIOR
ELEVATIONSPRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐DRAWN BY: JAG
CHECKED BY: BJSREVISIONS:
Construction Set
04/25/17DATE: 03/10/17
SHEET NO.:

A5.2

JOB NO.: 141594

2
A1.2 ENLARGED CLASSROOM PLAN
1/4" = 1'-0"1
A1.2 ENLARGED CLASSROOM PLAN
1/4" = 1'-0"5
A5.2 TYP. CLASSROOM ELEVATION - WINDOW WALL
1/4" = 1'-0"4
A5.2 TYP. CLASSROOM ELEVATION - TEACHING WALL
1/4" = 1'-0"3
A5.2 TYP. CLASSROOM ELEVATION - STORAGE WALL
1/4" = 1'-0"7
A5.2 TYP. CLASSROOM ELEVATION - NO WINDOWS
1/4" = 1'-0"6
A5.2 TYP. CLASSROOM ELEVATION - DISPLAY WALL
1/4" = 1'-0"



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ENLARGED FLOOR PLANS

PRELIMINARY []
DESIGN DEVELOPMENT []
CONSTRUCTION []
FINAL RECORD []

DRAWN BY: K
CHECKED BY: B

REVISIONS:

NO.	DESCRIPTION	DATE
1	Construction Set	04.10.2018

DATE:	03/10/
SHEET NO.:	

A5.3

JOB NO.: 141594



IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044

ENLARGED ELEVATOR PLAN,
DETAILS AND SECTION

- PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

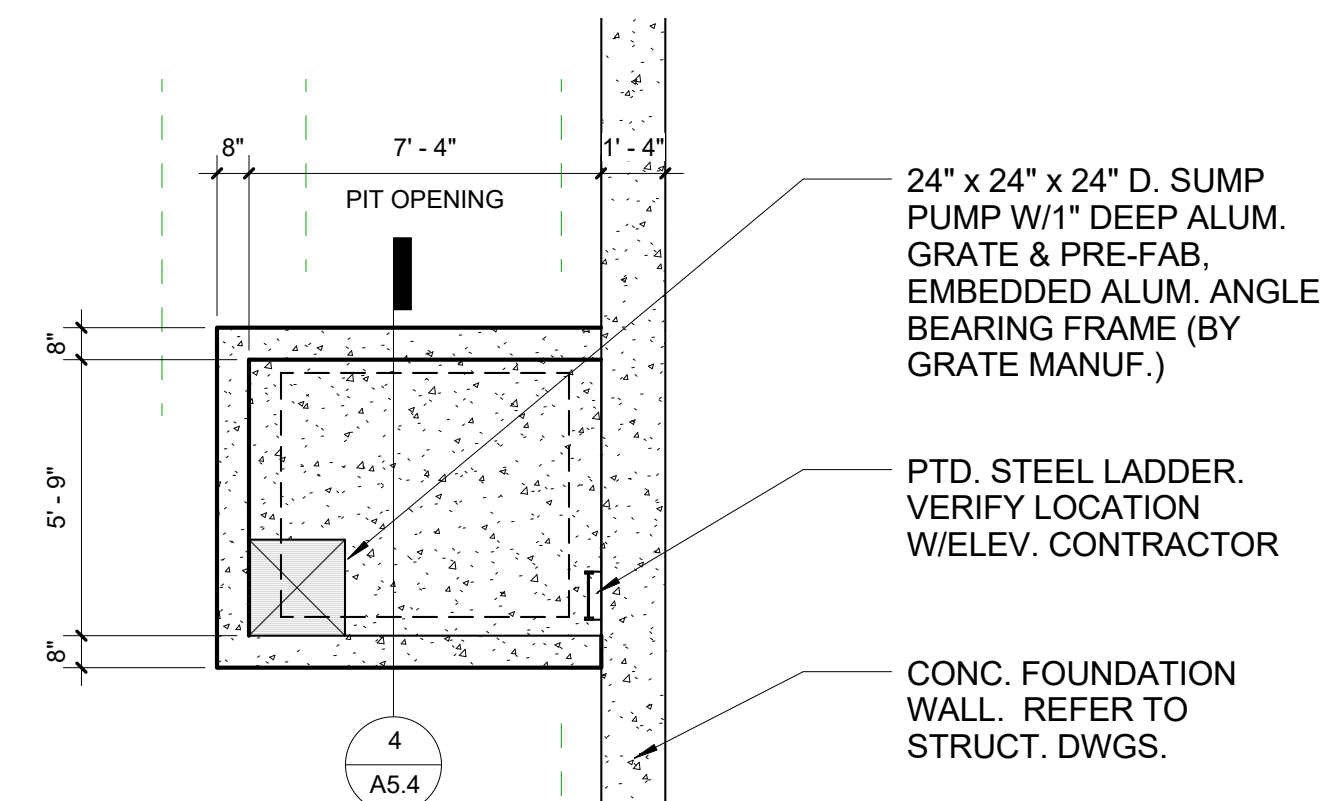
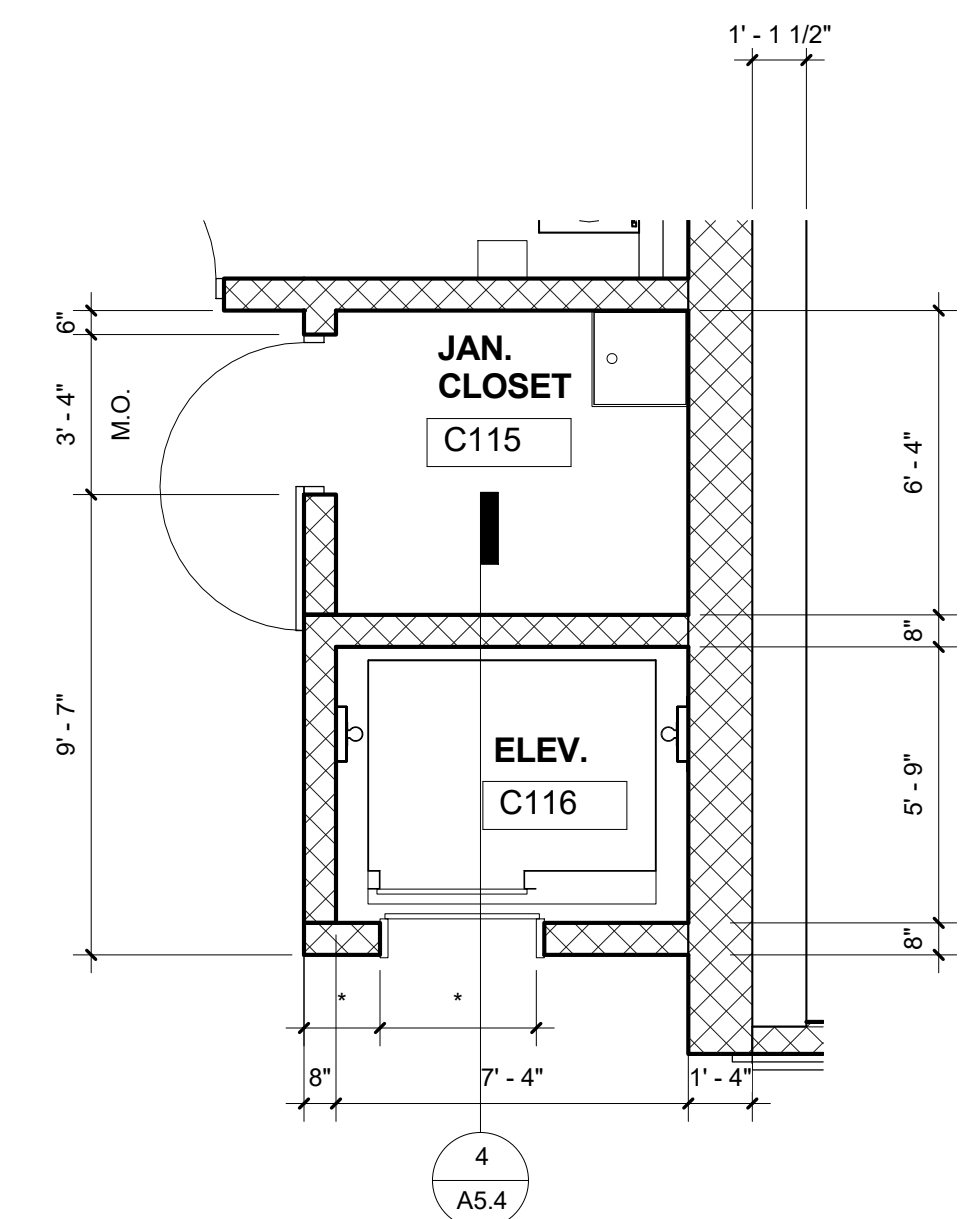
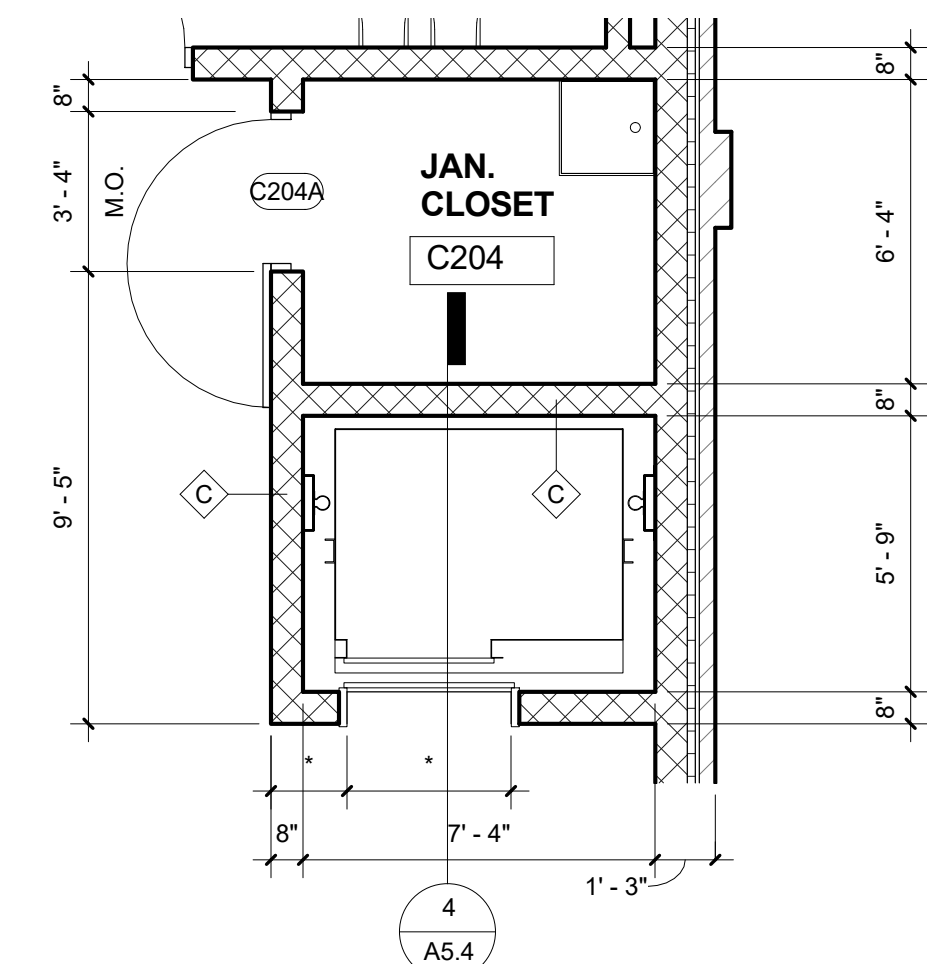
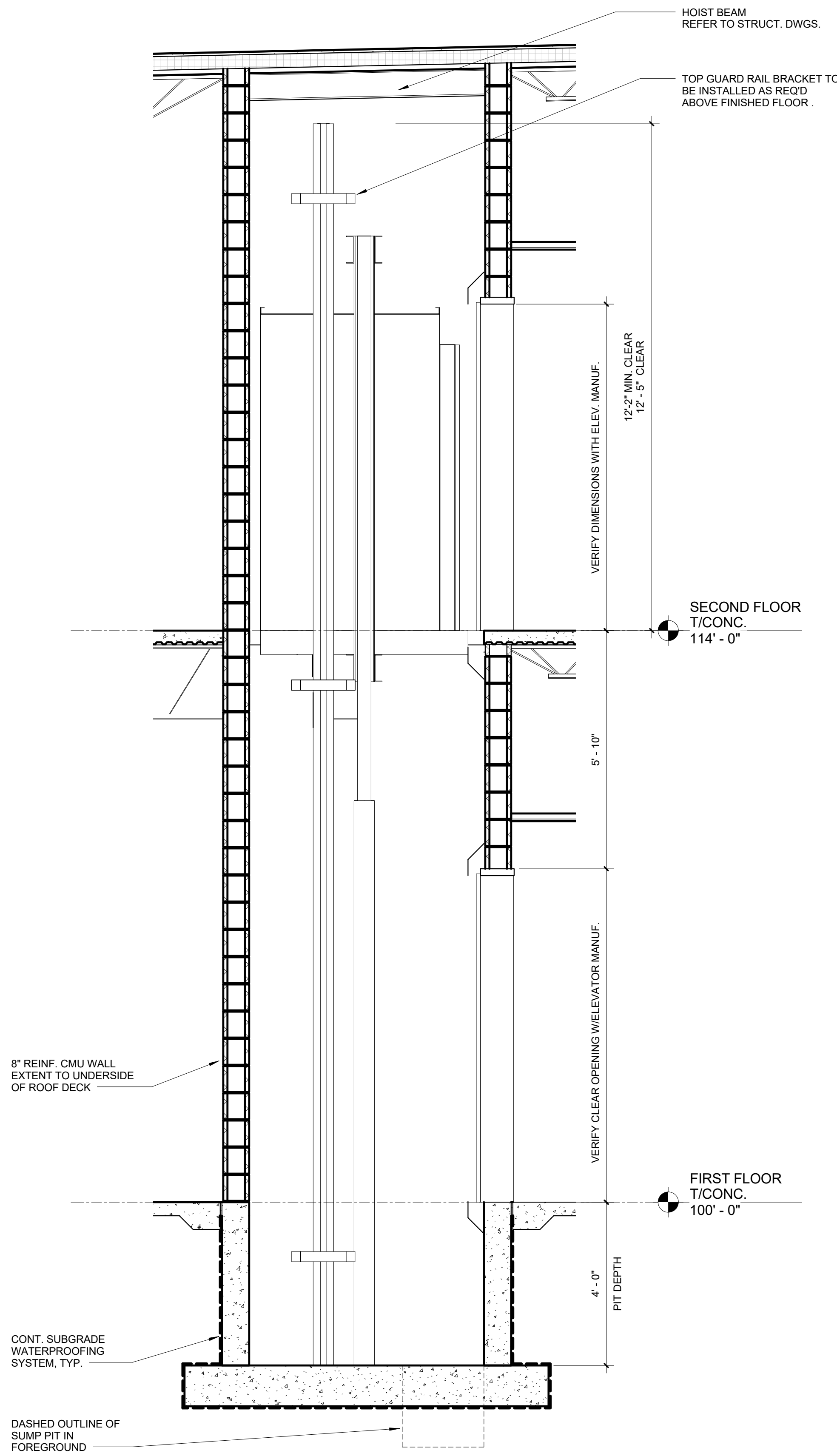
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A5.4

JOB NO.: 141594



FOR REFERENCE ONLY -
NOT FOR CONSTRUCTION

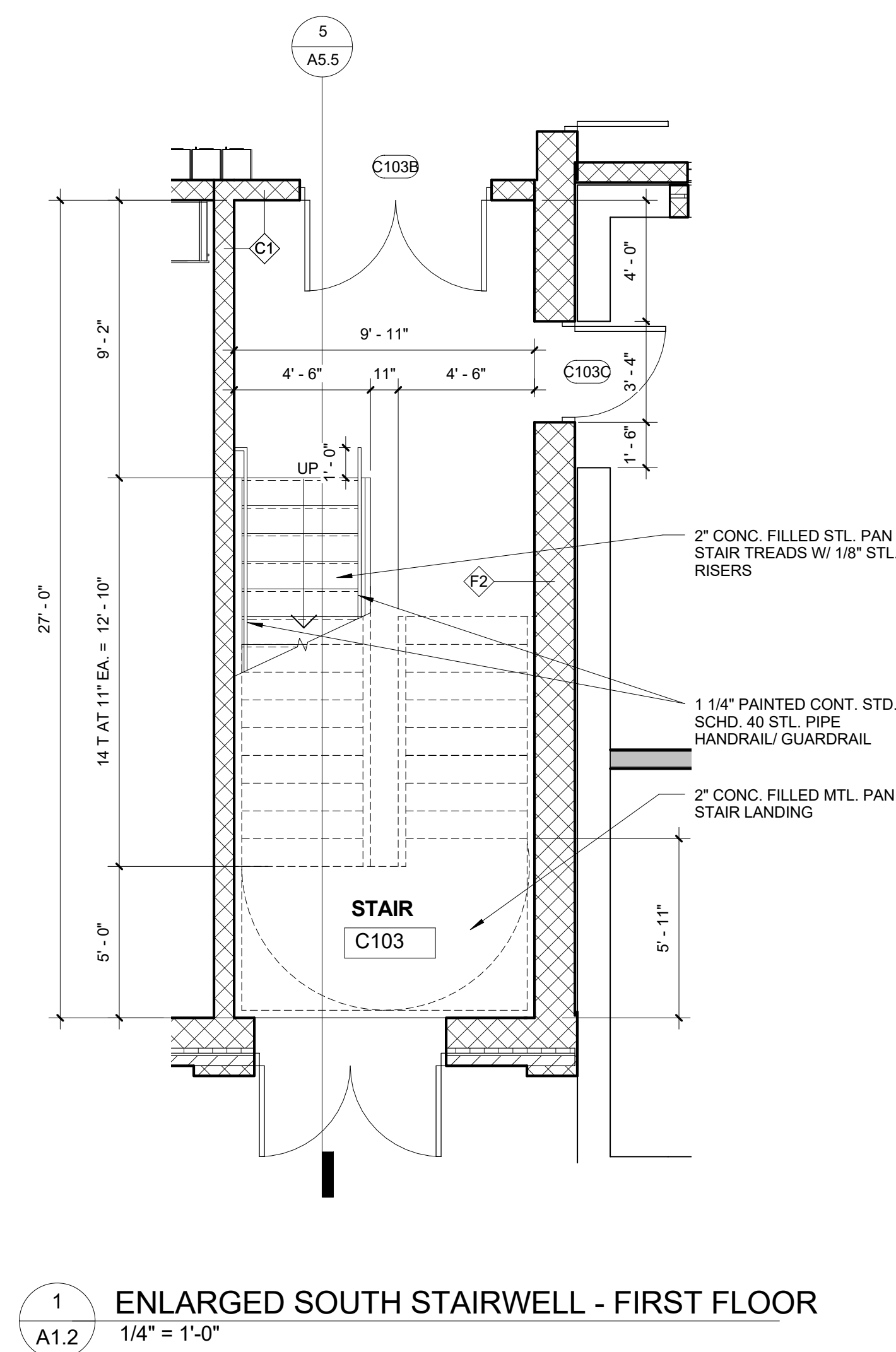
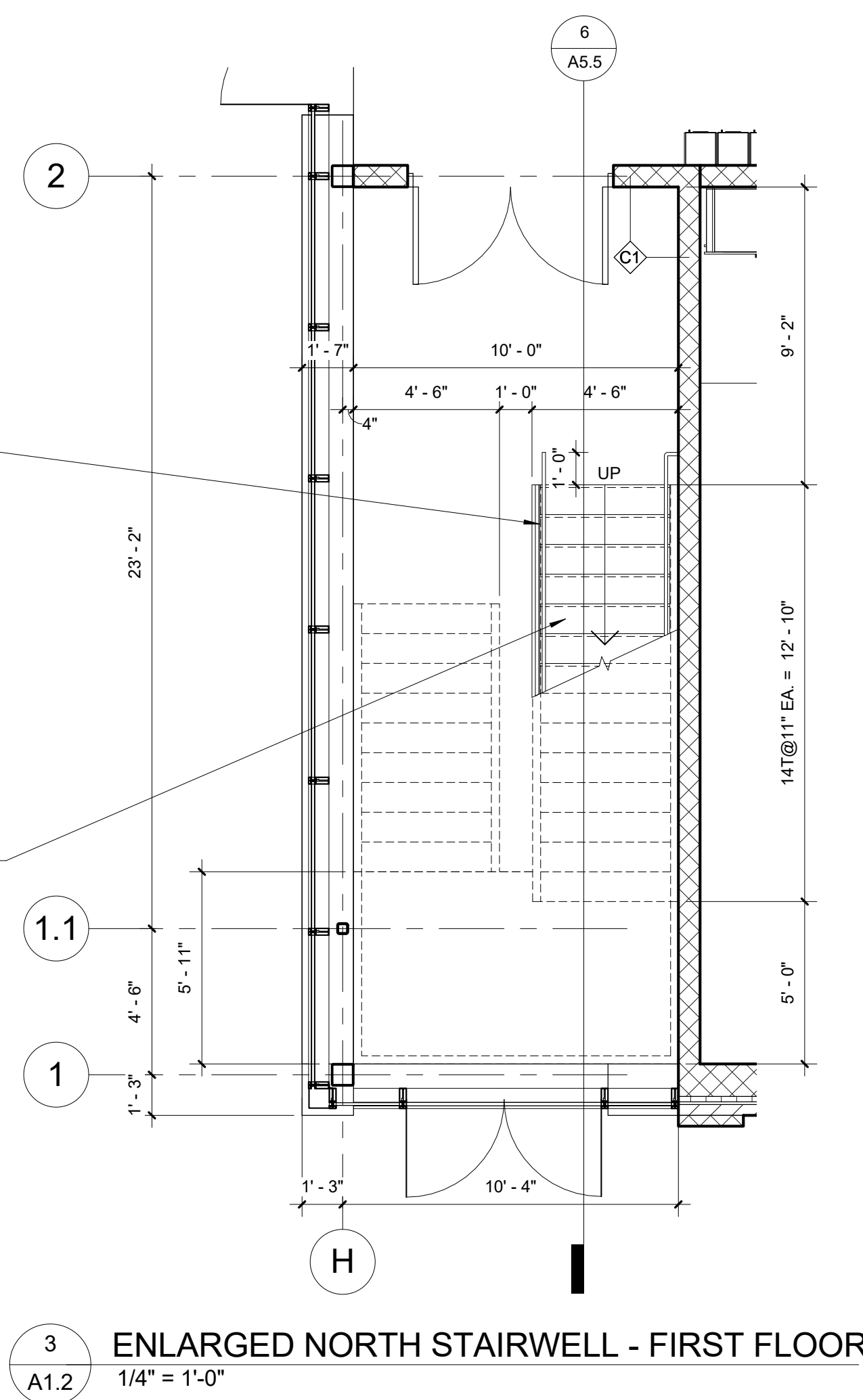
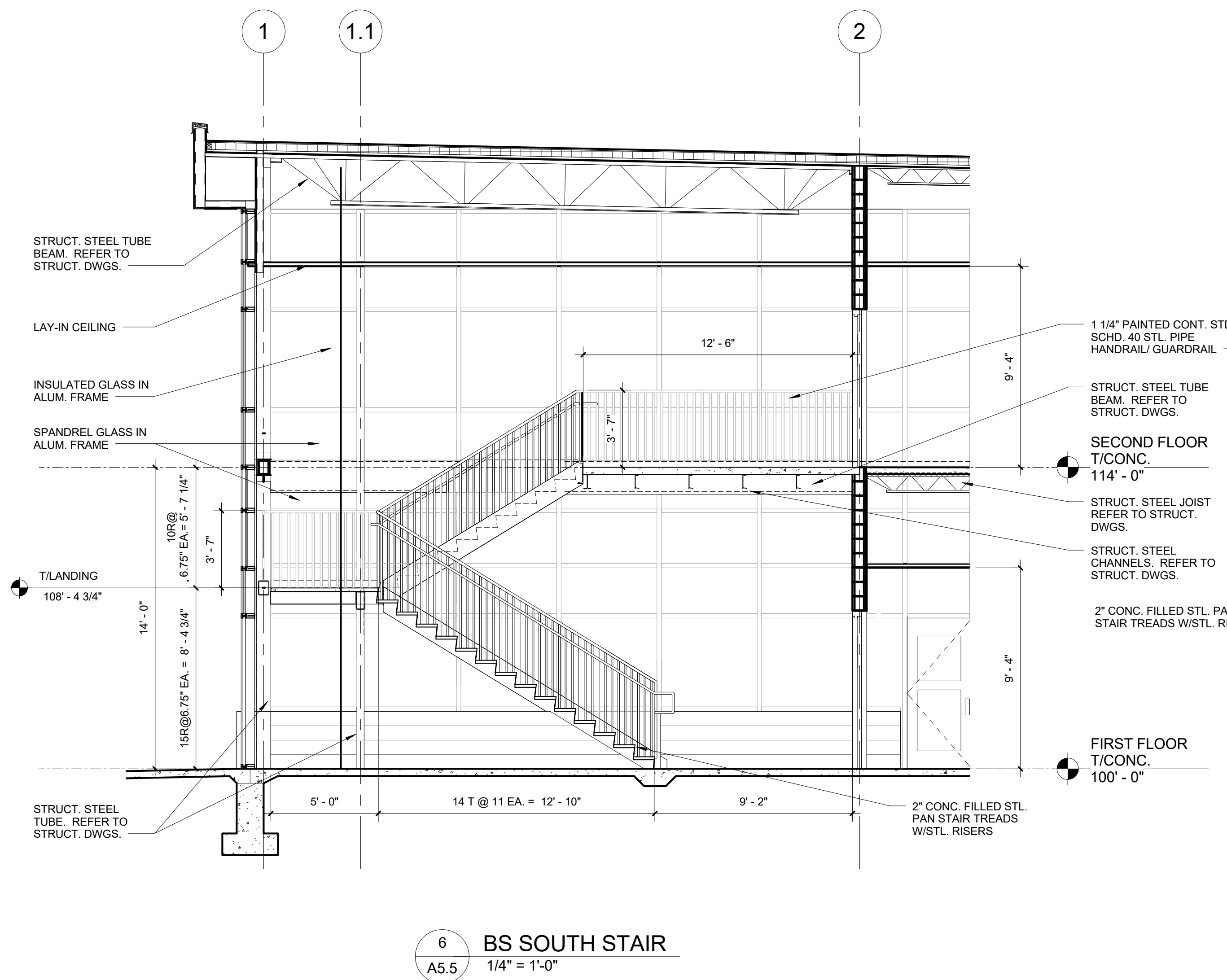
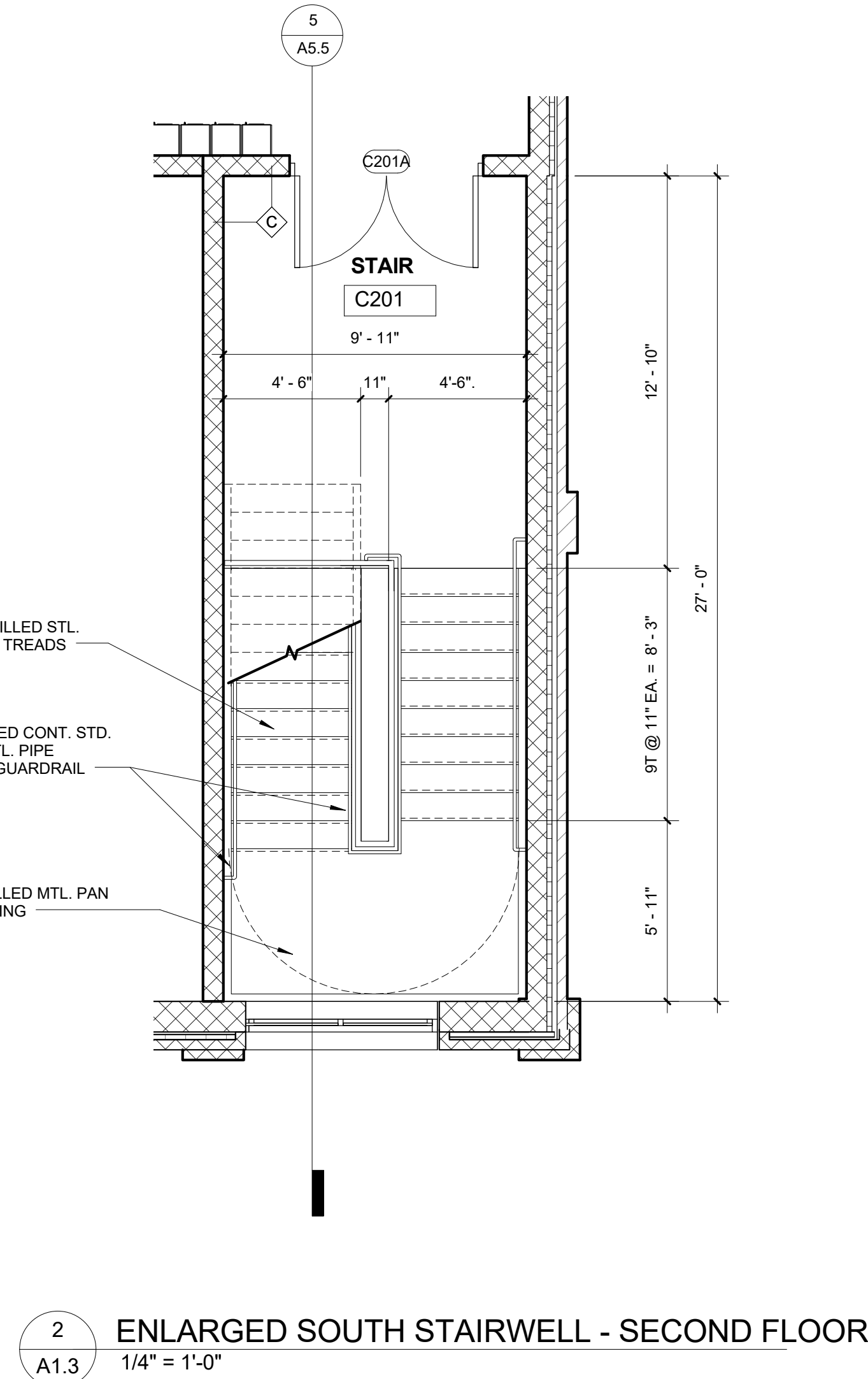
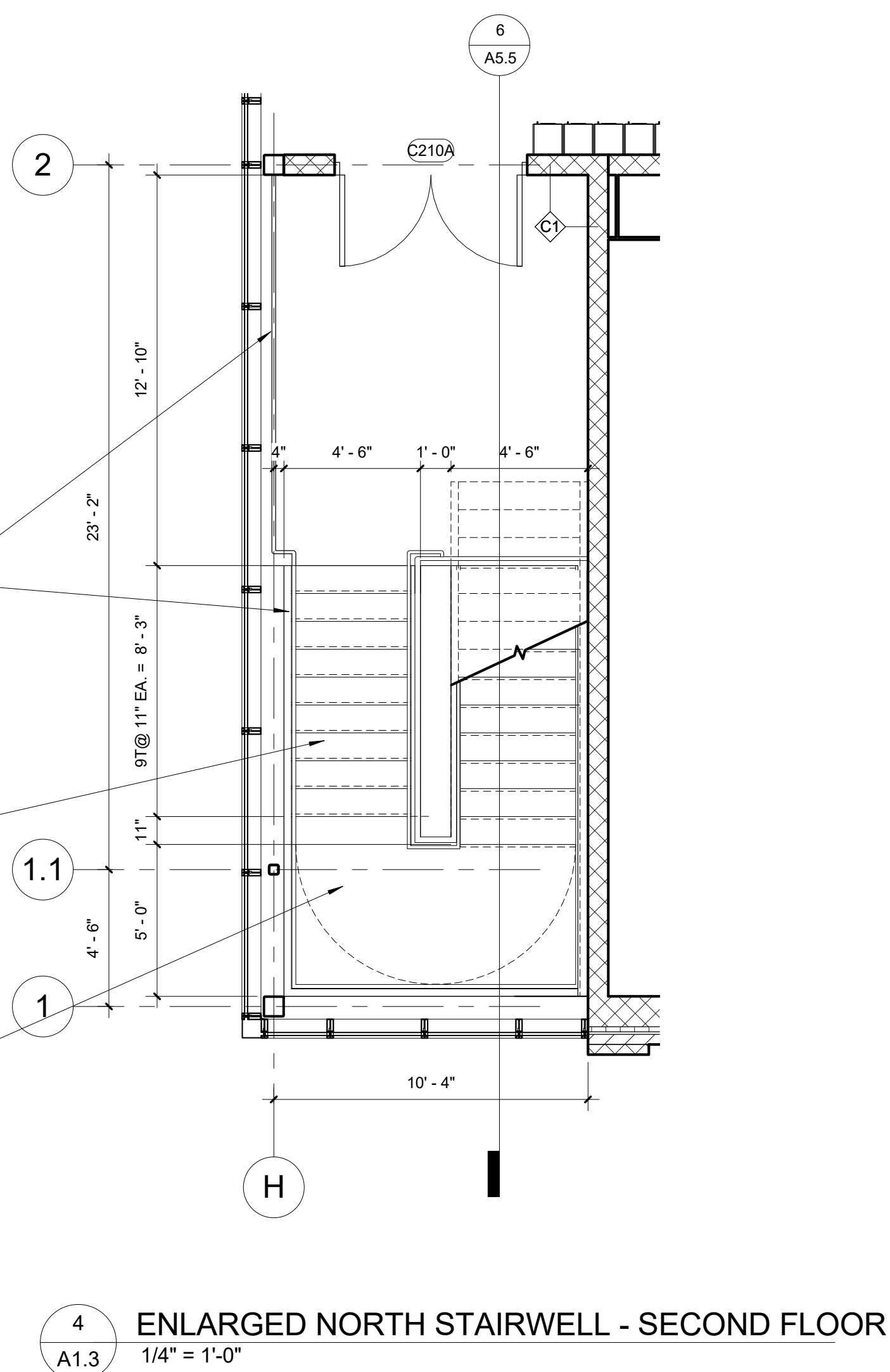
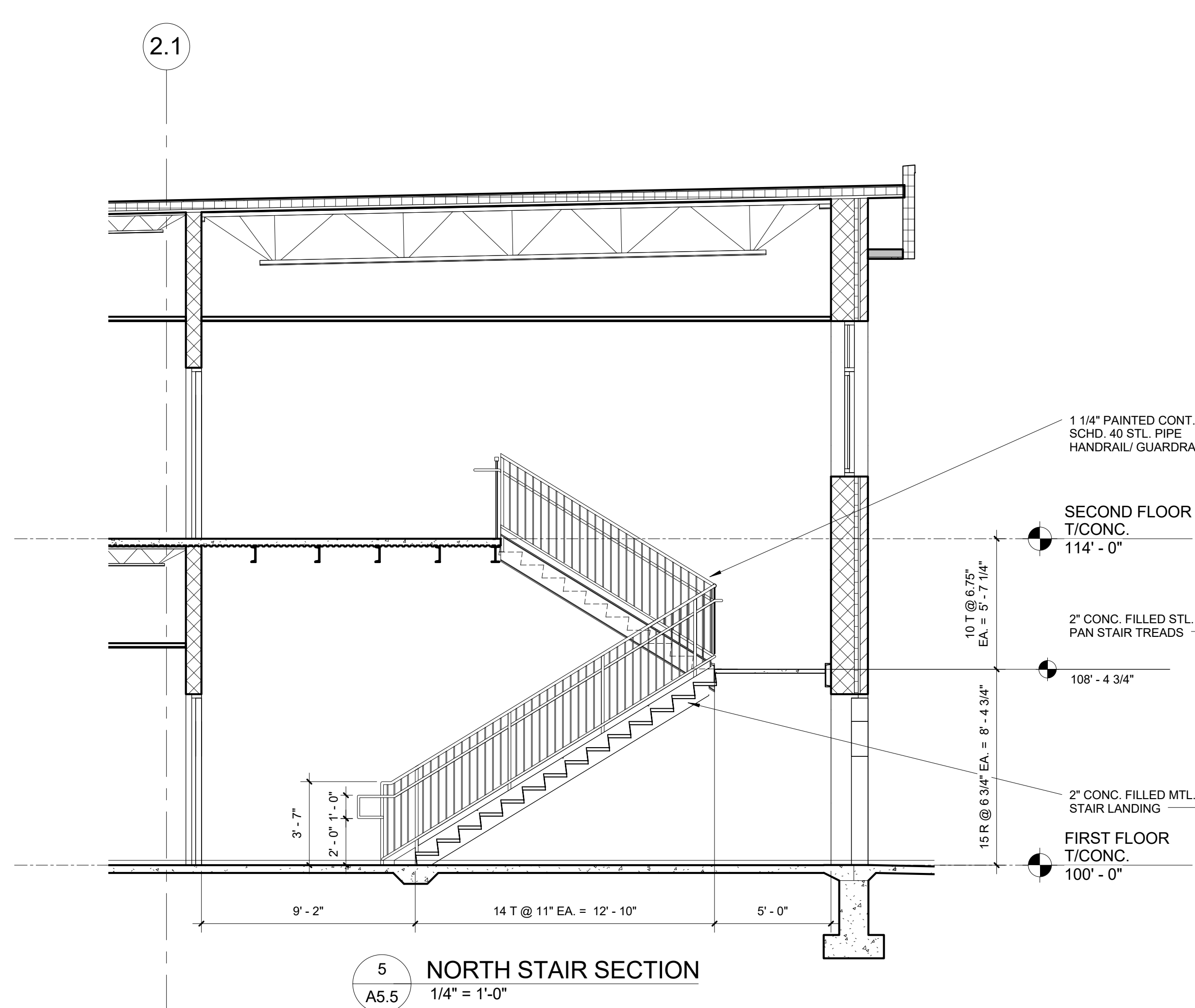
IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044ENLARGED STAIR PLANS,
SECTIONS AND DETAILSPRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐DRAWN BY: JAG
CHECKED BY: BJSREVISIONS:
Construction Set
04/25/17

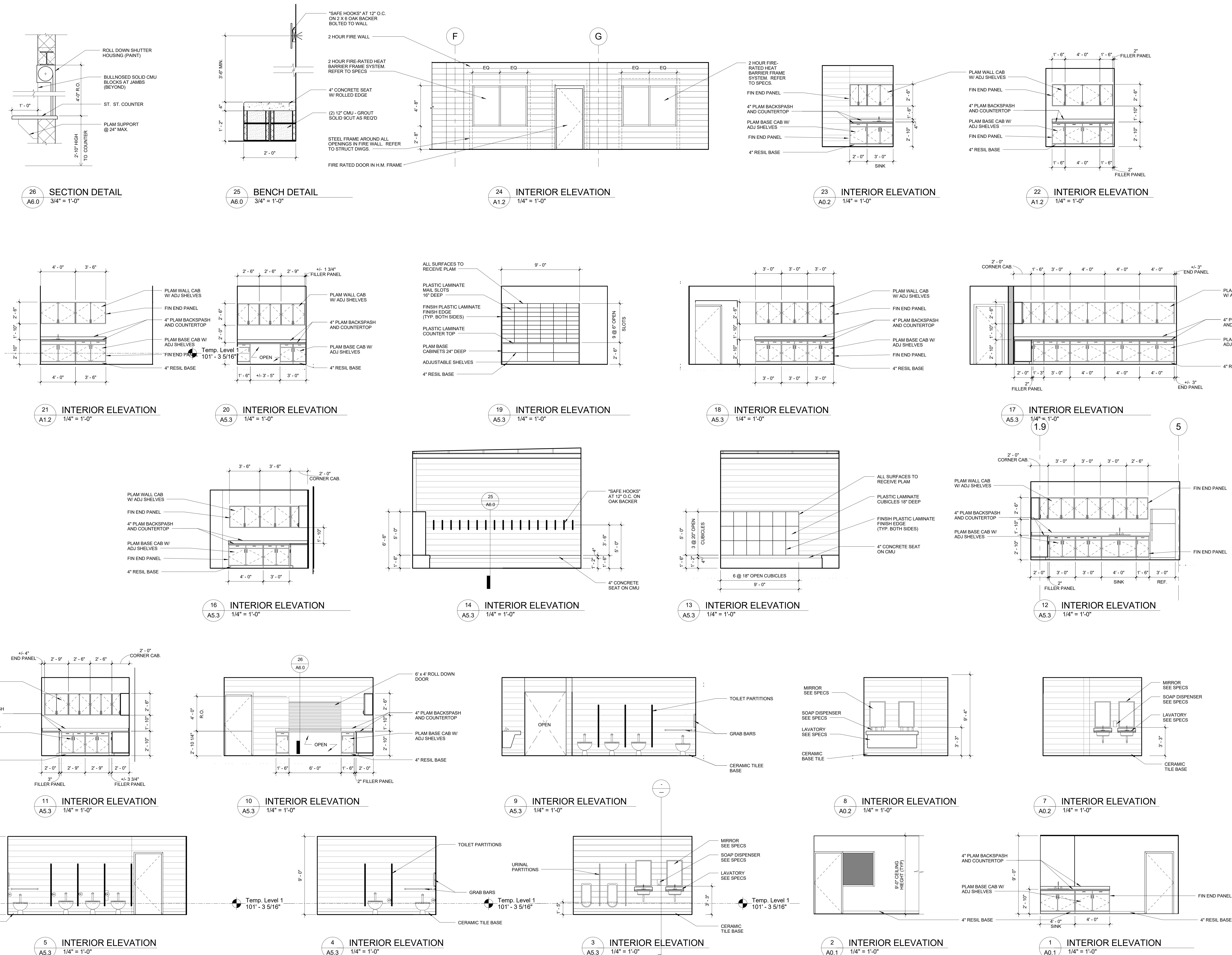
DATE: 03/10/17

SHEET NO.:

A5.5

JOB NO.: 141594



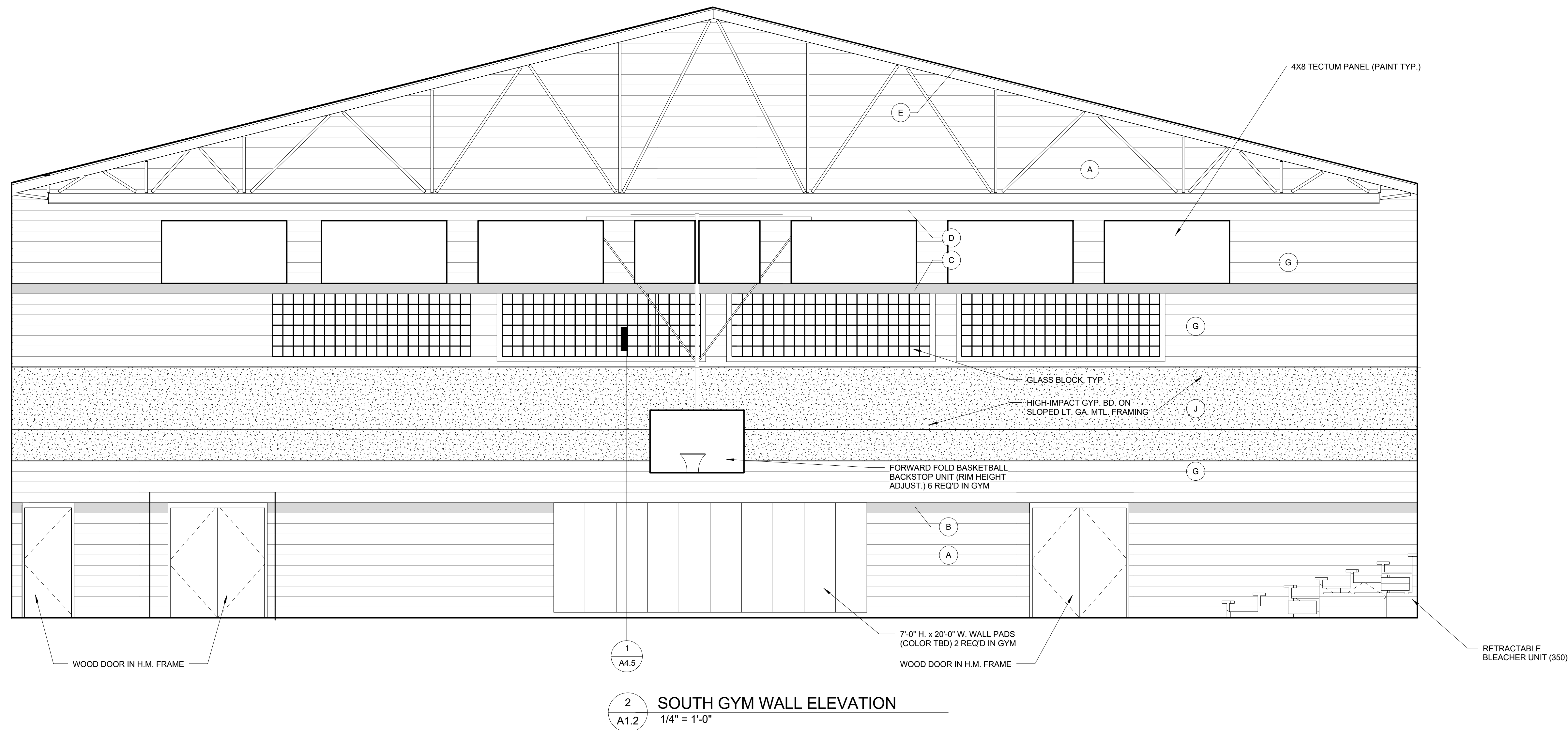


INTERIOR PAINT COLOR LEGEND:

- A COLOR 'A'
B 8" H. COLOR 'B'
C 8" H. COLOR 'C'
D PAINT ROOF TRUSSES COLOR 'D'
E PAINT ROOF DECK COLOR 'E'
F PAINT 4" H. LETTERS ON THE WALL
(CHARGERS) AT NORTH END OF GYM
G COLOR 'F'
H COLOR 'G'
J COLOR 'H' (ON SLOPED ROOF)
K COLOR 'J'
L COLOR 'K'

GENERAL NOTES:

1. REFER TO SHEET A3.0 BUILDING SECTIONS FOR NORTH AND EAST INTERIOR ELEVATION.



IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM AND GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044

MILLWORK AND DETAILS

PRELIMINARY	<input type="checkbox"/>
DESIGN DEVELOPMENT	<input type="checkbox"/>
CONSTRUCTION	<input checked="" type="checkbox"/>
FINAL RECORD	<input type="checkbox"/>

DRAWN BY _____ KAN
CHECKED BY _____ BJS

REVISIONS

RESTRICTION SET	04/25/17
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DATE: 03/10/17

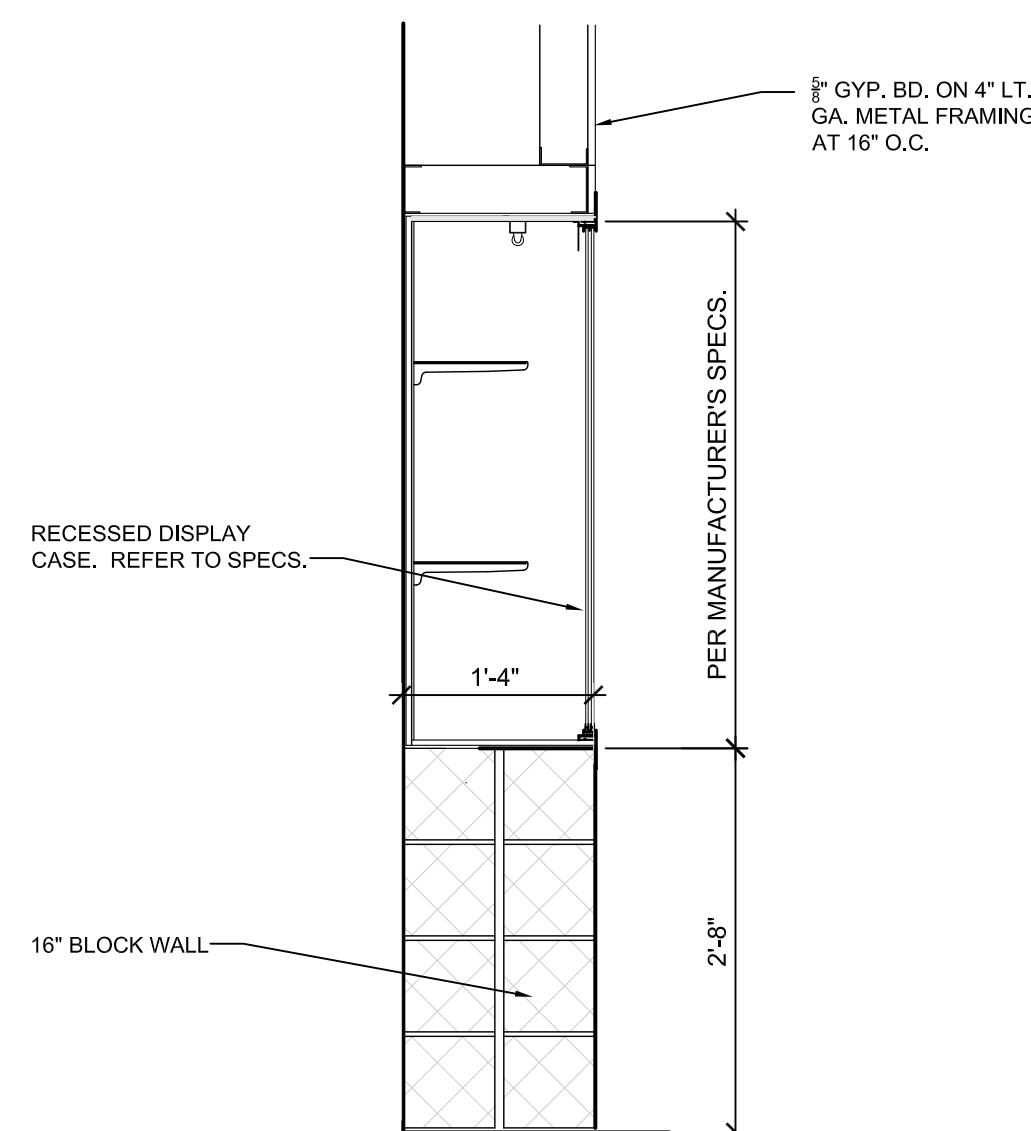
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A6 2

A0.2

OB NO. 111504

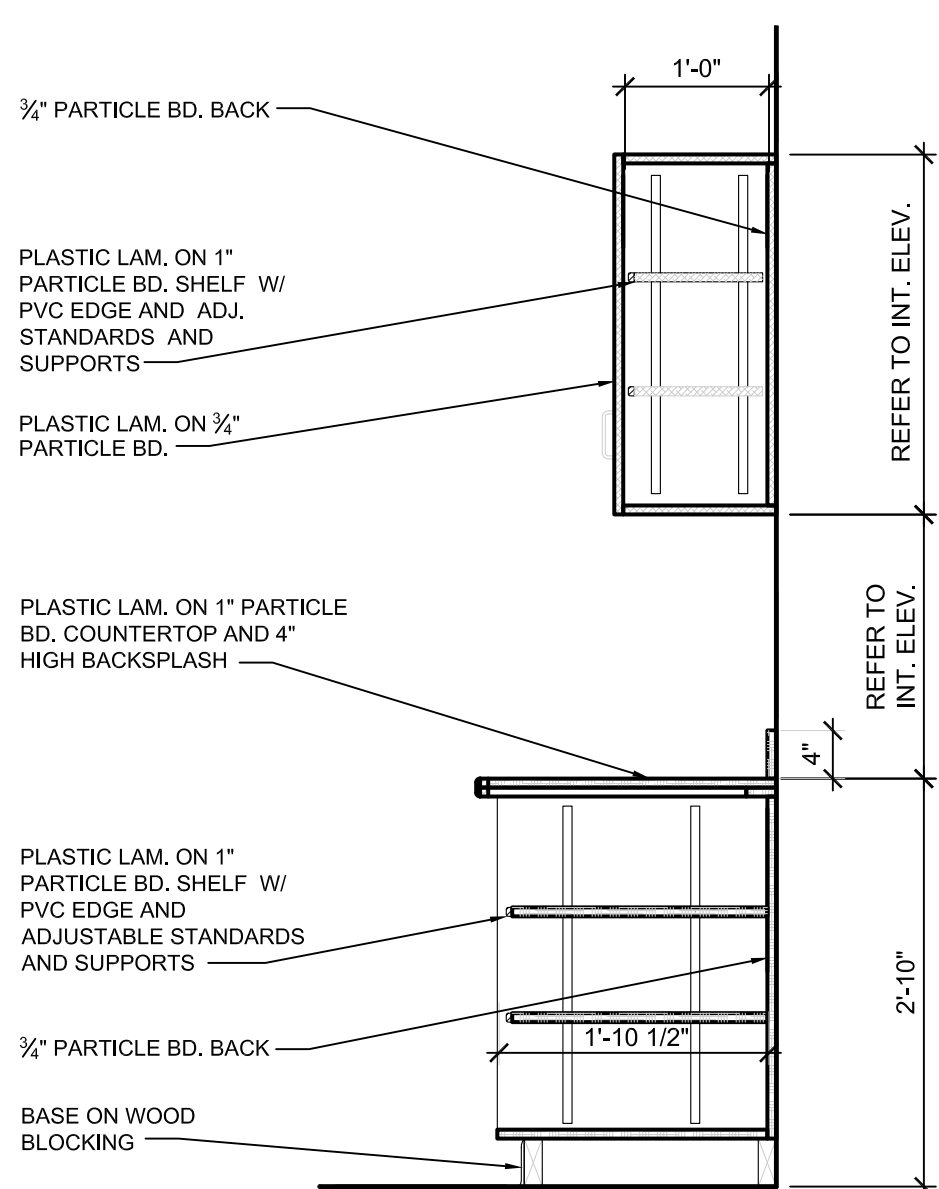
141594



9
A6.0

DISPLAY CASE SECTION

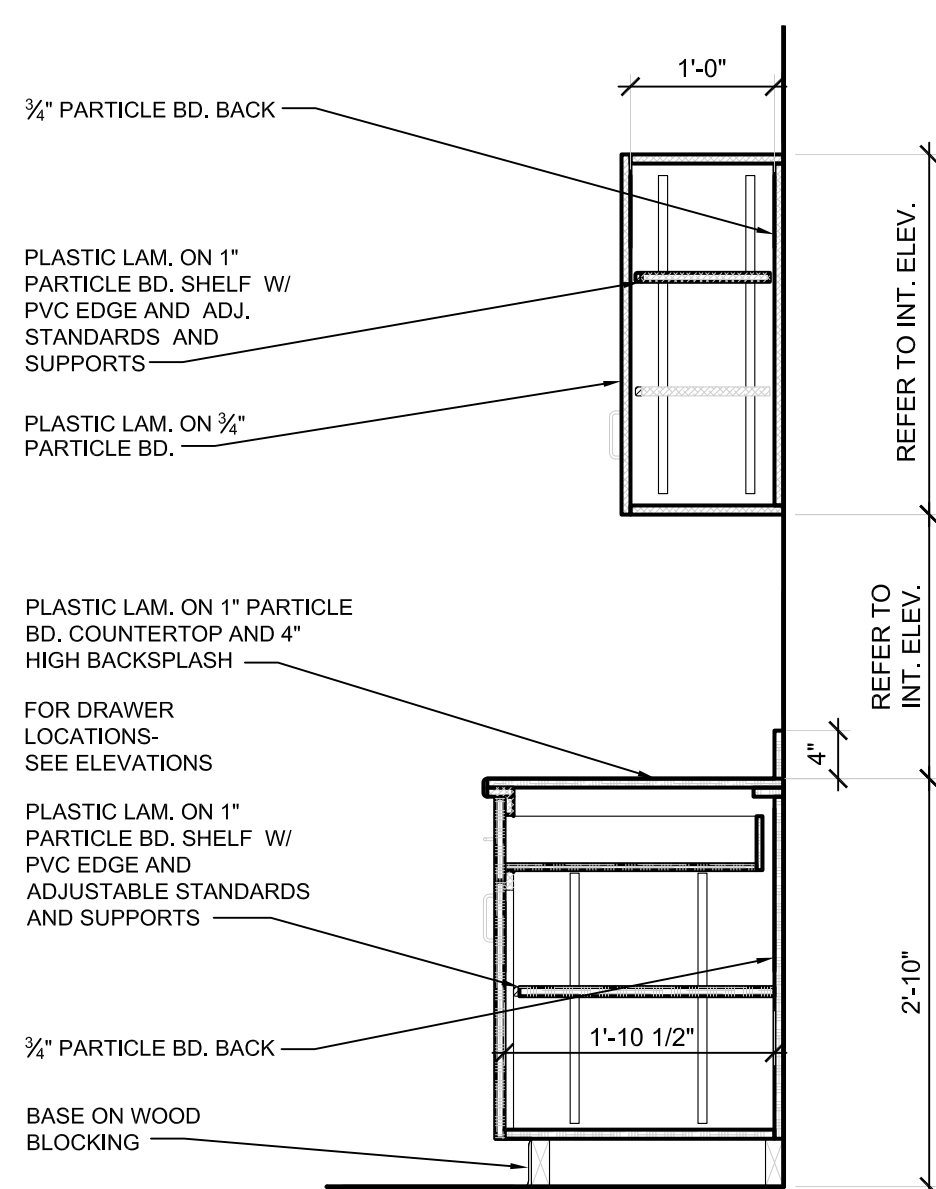
SCALE: 3/4" = 1'-0"



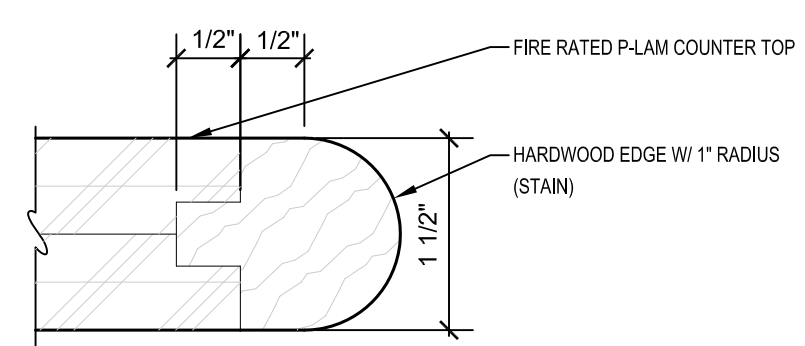
CLASSROOM
OPEN SHELF DETAIL (TYP.)

8
A6.0

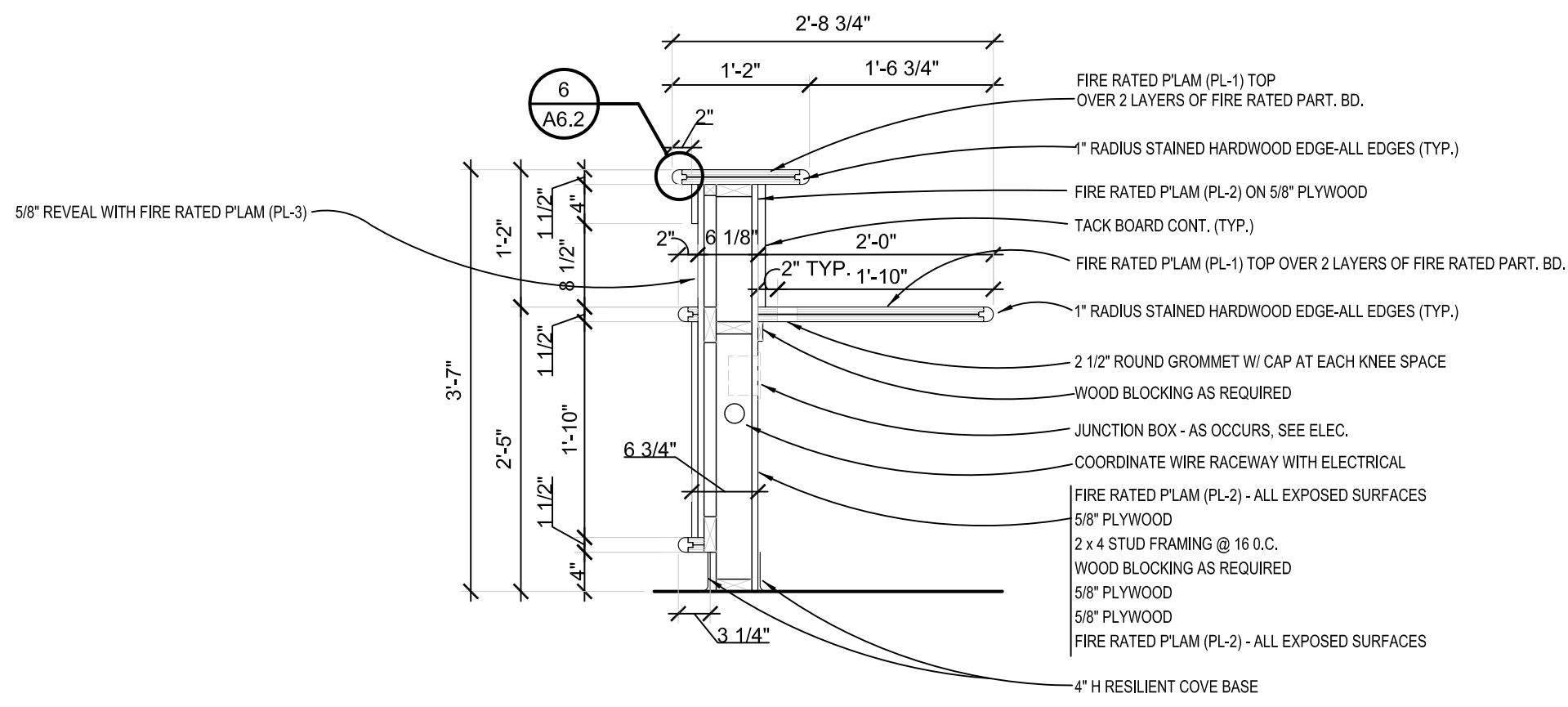
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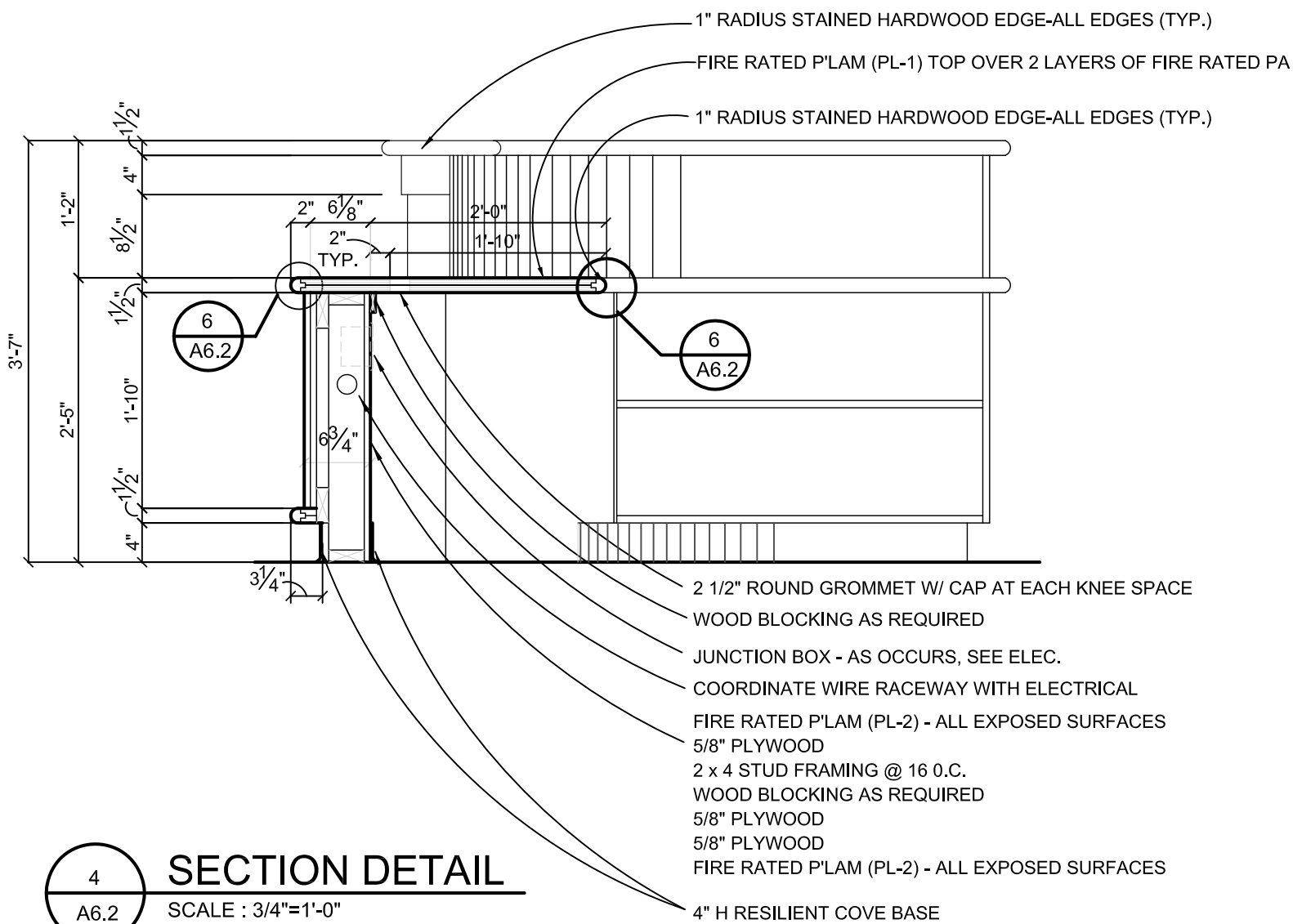
7 CABINET DETAIL (TYP.)
A6.0 SCALE: 3/4" = 1'-0"



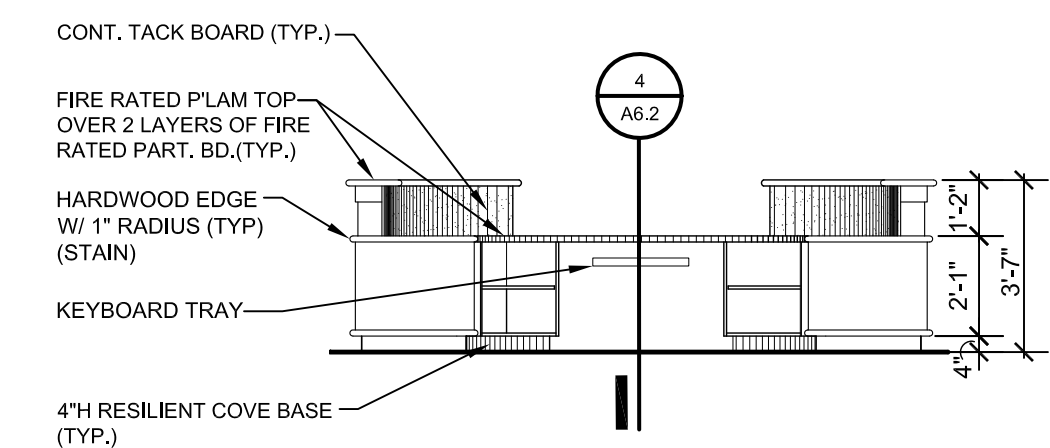
6 HARDWOOD EDGE DETAIL (TYP.)
A6.2 NOT TO SCALE



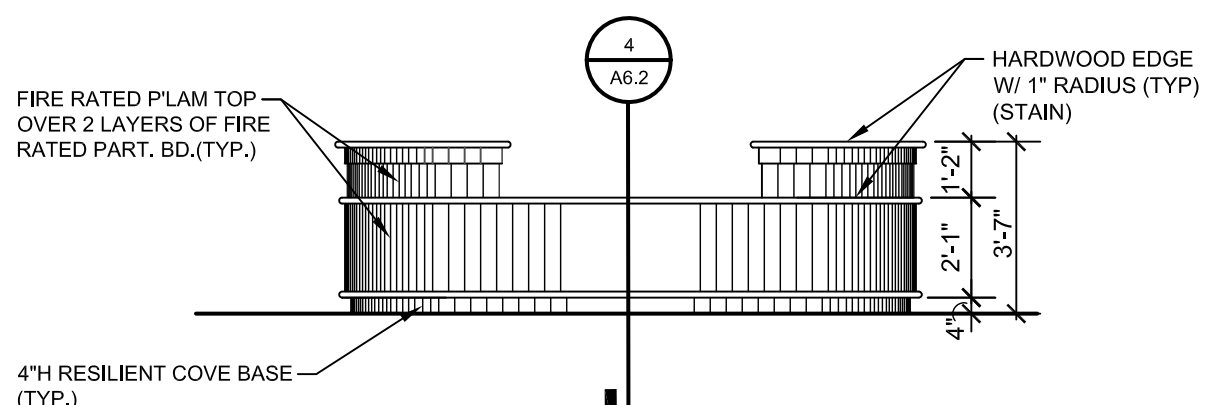
5 SECTION DETAIL
A6.2 SCALE : 3/4"=1'-0"



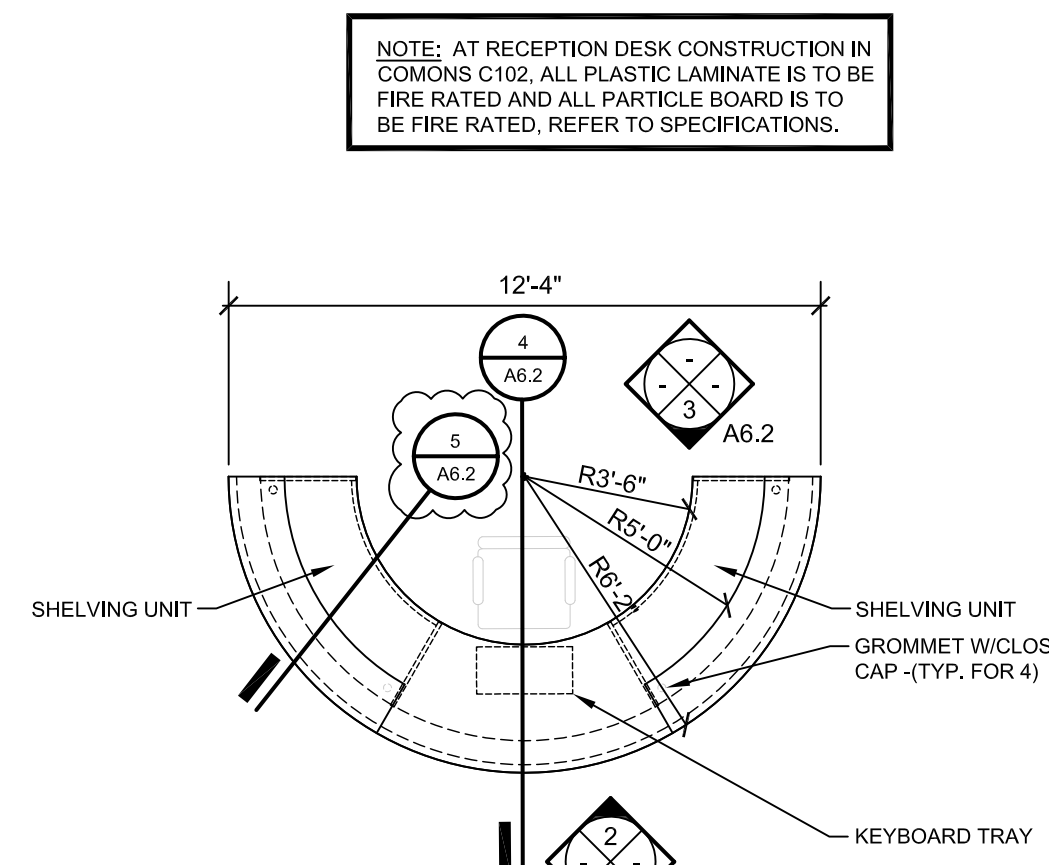
4 SECTION DETAIL
A6.2 SCALE : 3/4"=1'-0"



3 MILLWORK ELEVATION
A6.2 SCALE : 1/4"=1'-0"



2 MILLWORK ELEVATION
A6.2 SCALE : 1/4"=1'-0"



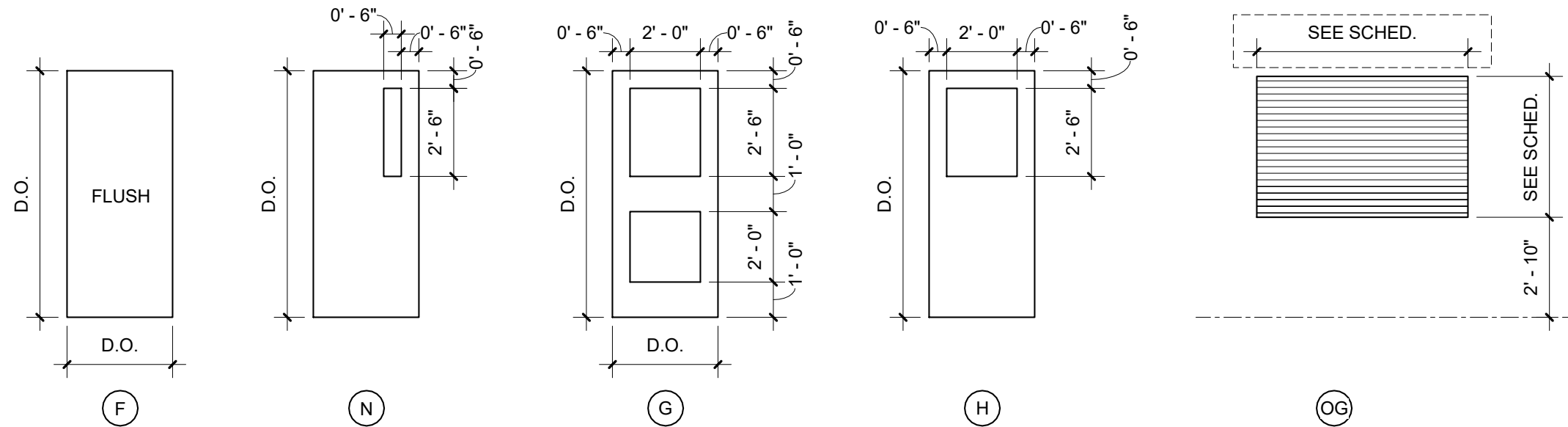
1 MILLWORK PLAN
A6.1 SCALE : 1/4"=1'-0"

NOTE: AT RECEPTION DESK CONSTRUCTION IN COMMONS C102, ALL PLASTIC LAMINATE IS TO BE FIRE RATED AND ALL PARTICLE BOARD IS TO BE FIRE RATED, REFER TO SPECIFICATIONS.

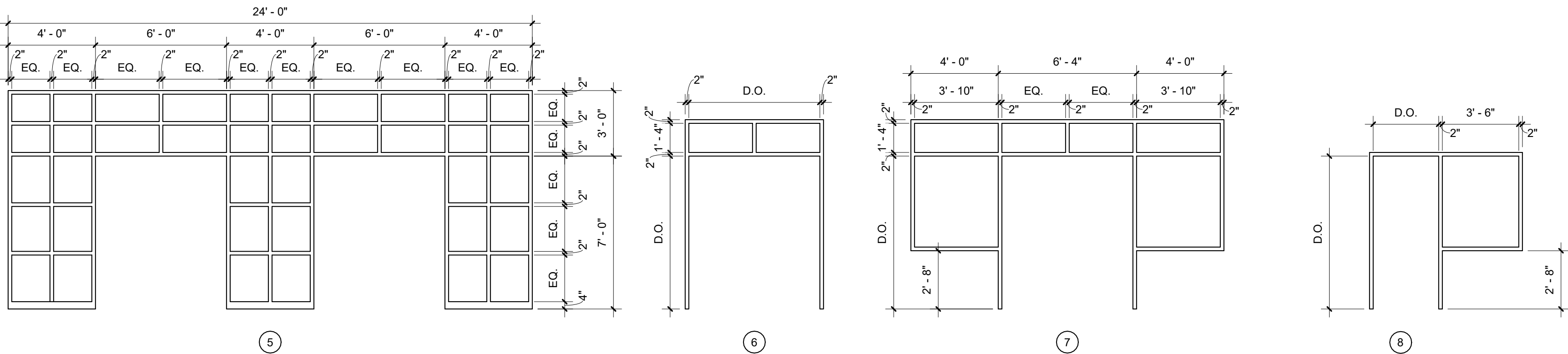
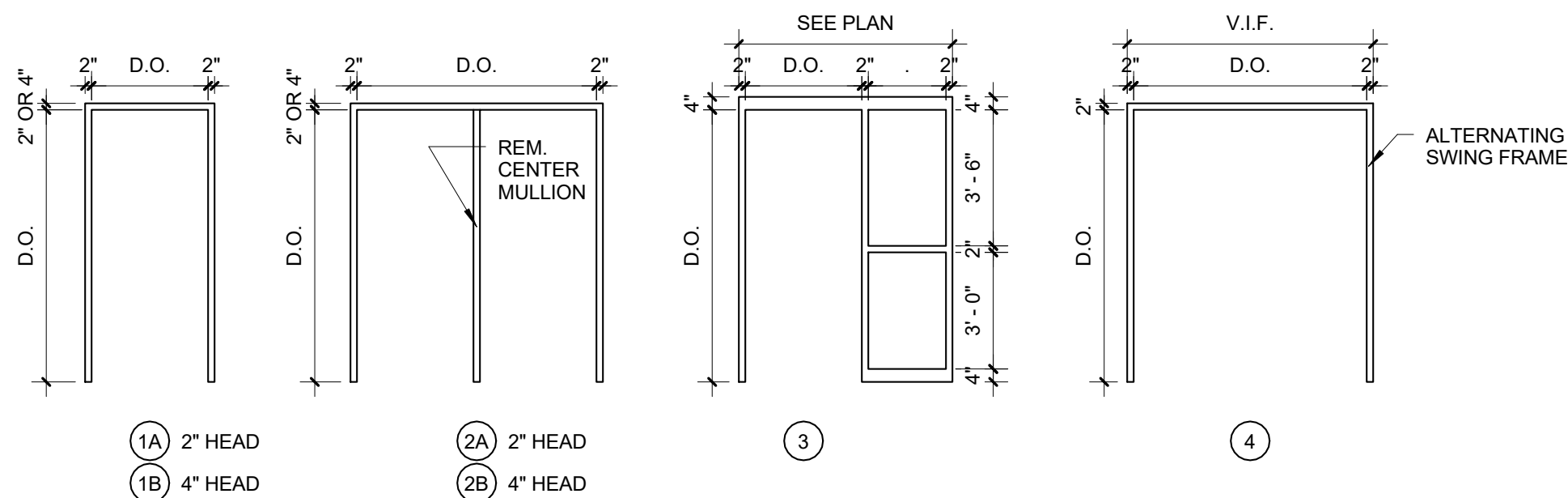
DOOR SCHEDULE - AREA "C"												
NO.	DOOR					FRAME			THRESHOLD	U.L. LABEL	HARDWARE SET	REMARKS
	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH				

C101A	2 @ 3'-0"	7'-0"	G	AL	PFN	5	AL	PFN	AL	-	-	3, 5, 6, 9, 11
C101B	2 @ 3'-0"	7'-0"	G	AL	PFN	5	AL	PFN	AL	-	-	5, 6, 9
C101C	2 @ 3'-0"	7'-0"	G	AL	PFN	5	AL	PFN	-	-	-	3, 5, 8, 9, 11
C101D	2 @ 3'-0"	7'-0"	G	AL	PFN	5	AL	PFN	-	-	-	5, 8, 9
C103A	2 @ 3'-0"	7'-0"	N	FRP	PFN	2B	AL	PFN	AL	-	-	4, 5, 6, 9
C103B	2 @ 3'-0"	7'-0"	H	WD	STN	2B	HM	PTD	-	60 MIN	-	4, 5, 7
C103C	3'-0"	7'-0"	H	WD	STN	1A	HM	PTD	-	90 MIN	-	5, 7, 11
C104A	2 @ 3'-0"	7'-0"	H	WD	STN	2B	HM	PTD	-	-	-	5, 8, 11
C104B	2 @ 3'-0"	7'-0"	G	AL	PFN	2A	AL	PFN	-	-	-	4, 5, 6, 9
C105A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C106A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C107A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C108A	2 @ 3'-0"	7'-0"	H	WD	STN	2B	HM	PTD	-	60 MIN	-	4, 5, 7
C108B	2 @ 3'-0"	7'-0"	G	AL	PFN	2A	AL	PFN	AL	-	-	4, 5, 6, 9
C109A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C110A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C111A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C112A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	60 MIN	-	5
C113A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	-	-	5
C114A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	-	-	5
C115A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	60 MIN	-	5
C117A	2 @ 3'-0"	7'-0"	G	AL	PFN	7	AL	PFN	AL	-	-	4, 5, 6, 9
C117B	2 @ 3'-0"	7'-0"	G	AL	PFN	7	AL	PFN	AL	-	-	4, 5, 6, 9
C118A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	-	-	5
C118B	6'-0"	4'-0"	OG	-	-	-	-	-	-	-	-	12
C121A	2 @ 3'-0"	7'-0"	N	WD	STN	1B	HM	PTD	-	-	-	4, 5, 8
C121B	2 @ 3'-0"	7'-0"	N	WD	STN	1B	HM	PTD	-	-	-	4, 5, 8
C121C	2 @ 3'-0"	7'-0"	F	FRP	PFN	2B	AL	PFN	AL	-	-	4, 5, 9
C121D	2 @ 3'-0"	7'-0"	F	FRP	PFN	2B	AL	PFN	AL	-	-	4, 5, 9
C121E	2 @ 3'-0"	7'-0"	F	FRP	PFN	1B	AL	PFN	AL	-	-	4, 5, 9
C121F	2 @ 3'-0"	7'-0"	F	FRP	PFN	1B	AL	PFN	AL	-	-	4, 5, 9
C121K	2 @ 3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	-	-	5
C122A	3'-0"	7'-0"	F	WD	STN	1A	HM	PTD	-	-	-	5
C123A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	-	-	5
C124A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	-	-	5
C126A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	-	-	5
C201A	2 @ 3'-0"	7'-0"	H	WD	STN	2B	HM	PTD	-	60 MIN	-	5, 7
C204A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	60 MIN	-	5
C205A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	-	-	5
C206A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	-	-	5
C207A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C208A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C209A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C210A	2 @ 3'-0"	7'-0"	H	WD	STN	2B	HM	PTD	-	60 MIN	-	5, 7
C211A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C212A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C213A	3'-0"	7'-0"	N	WD	STN	3	HM	PTD	-	-	-	5, 8
C214A	3'-0"	7'-0"	F	WD	STN	1B	HM	PTD	-	60 MIN	-	5

DOOR ELEVATIONS:



FRAME ELEVATIONS:



DOOR SCHEDULE - AREA "A"												
NO.	DOOR					FRAME			THRESHOLD	U.L. LABEL	HARDWARE SET	REMARKS
	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH				

A008A	-	-	-	WD	-	-	HM	PTD	-	-	-	1
A009A	-	-	-	WD	-	-	HM	PTD	-	-	-	1
A010A	-	-	-	WD	-	-	HM	PTD	-	-	-	1
A011A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
A012A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
A013A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
A013B	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
A014A	3'-0"	7'-0"	N	WD	STN	8	HM	PTD	-	20 MIN	-	5, 7
A015A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
A016A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
A017A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8

DOOR SCHEDULE - AREA "B"												
NO.	DOOR					FRAME			THRESHOLD	U.L. LABEL	HARDWARE SET	REMARKS
	WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH				

B119A	2 @ 3'-0"	6'-8"	F	FRP	PFN	2A	AL	PFN	AL	-	-	4, 5, 9
B122A	3'-0"	6'-8"	F	WD	STN	1A	HM	PTD	-	-	-	5
B132A	3'-0"	7'-0"	F	WD	STN	1A	HM	PTD	-	-	-	5
B135A	2 @ 3'-0"	7'-0"	N	WD	STN	2B	HM	PTD	-	90 MIN	-	4, 5, 7
B136A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	20 MIN	-	5, 7
B136B	3'-0"	6'-8"	F	FRP	PFN	1A	AL	PFN	AL	-	-	5
B137A	3'-0"	7'-0"	N	WD	STN	1B	HM	PTD	-	-	-	5, 8
B138A	3'-0"	7'-0"	N	WD	STN	1B	HM	PTD	-	90 MIN	-	5, 7
B138B	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	90 MIN	-	5, 7
B139A	3'-0"	7'-0"	N	WD	STN	1B	HM	PTD	-	90 MIN	-	5, 7
B139B	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	90 MIN	-	5, 7
B140A	3'-0"	7'-0"	N	WD	STN	1B	HM	PTD	-	90 MIN	-	5, 7
B140B	3'-0"	6'-8"	F	WD	STN	1A	HM	PTD	-	-	-	5
B141A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
B142A	3'-0"	7'-0"	F	WD	STN	1A	HM	PTD	-	-	-	5
B142B	3'-0"	7'-0"	F	WD	STN	1A	HM	PTD	-	-	-	5
B143A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
B144A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
B144B	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
B145A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
B146A	3'-0"	7'-0"	N	WD	STN	1A	HM	PTD	-	-	-	5, 8
B147A	3'-0"	7'-0"	N	WD	STN	1B	HM	PTD	-	90 MIN	-	5, 7, 11
B148A	2 @ 3'-0"	7'-0"	G	ALUM	PFN	7	AL	PFN	AL	-	-	4, 5, 6, 10

DOOR SCHEDULE GENERAL NOTES (APPLIES TO ALL DOORS):

- VERIFY ALL DOOR OPENINGS AND MASONRY FRAME OPENINGS IN FIELD PRIOR TO FABRICATION OF NEW.
- ALL NEW FRP DOOR AND ALUMINUM FRAMES TO RECEIVE MANUFACTURER FINISH. REFER TO SPECIFICATIONS FOR HARDWARE SETS.
- ALL NEW WOOD DOORS CALLING FOR STAIN TO BE FACTORY STAINED AND SEALED ON ALL SURFACES AND SIDES AND ENDS. DO NOT LEVE RAW WOOD ON ENDS EXPOSED.

ABBREVIATIONS:

AL	ALUMINUM
ETR	EXISTING TO REMAIN
FRP	FIBERGLASS REINFORCED POLYESTER
GL	GLASS
HM	HOLLOW METAL
MAR	SYNTHETIC MARBLE THRESHOLD
PFN	PRE-FINISHED BY MANUFACTURER
PTD	PAINTED
STL	STEEL
STN	STAINED
TG	TEMPERED GLASS
WD	WOOD

DOOR SCHEDULE REMARKS: (NOTE: NOT ALL REMARKS LISTED ARE USED)

- EXISTING DOOR AND FRAME TO REMAIN - PAINT EXISTING FRAME (PAINT DOOR ALSO IF HM).
- REMOVE AND REPLACE EXISTING DOOR AND FRAME - SEE SCHEDULE.
- PROVIDE ADA AUTOOMATIC OPENER @ 1 LEAF.
- NEW DOOR AND FRAME.
- PROVIDE 1" INSUL. GLASS IN DOOR AND FRAME OPENINGS.
- PROVIDE FIRE RATED GLASS IN DOOR AND FRAME OPENINGS. REFER TO SPEC.
- PROVIDE 1/4" LAM. GLASS IN DOOR & FRAME OPENINGS.
- PROVIDE WEATHERSTRIPPING ON NEW FRAME.
- EXISTING FRAMED DOOR OPENING. REMOVE STOPS, REWORK FRAME AS REQ'D TO REVERSE SWING.
- PREP NEW FRAME FOR STRIKE RELEASE HARDWARE.
- DOOR AND FRAME MATERIALS/FINISHES PER THE MANUFACTURER. REFER TO SPEC.

DOOR SCHEDULES

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

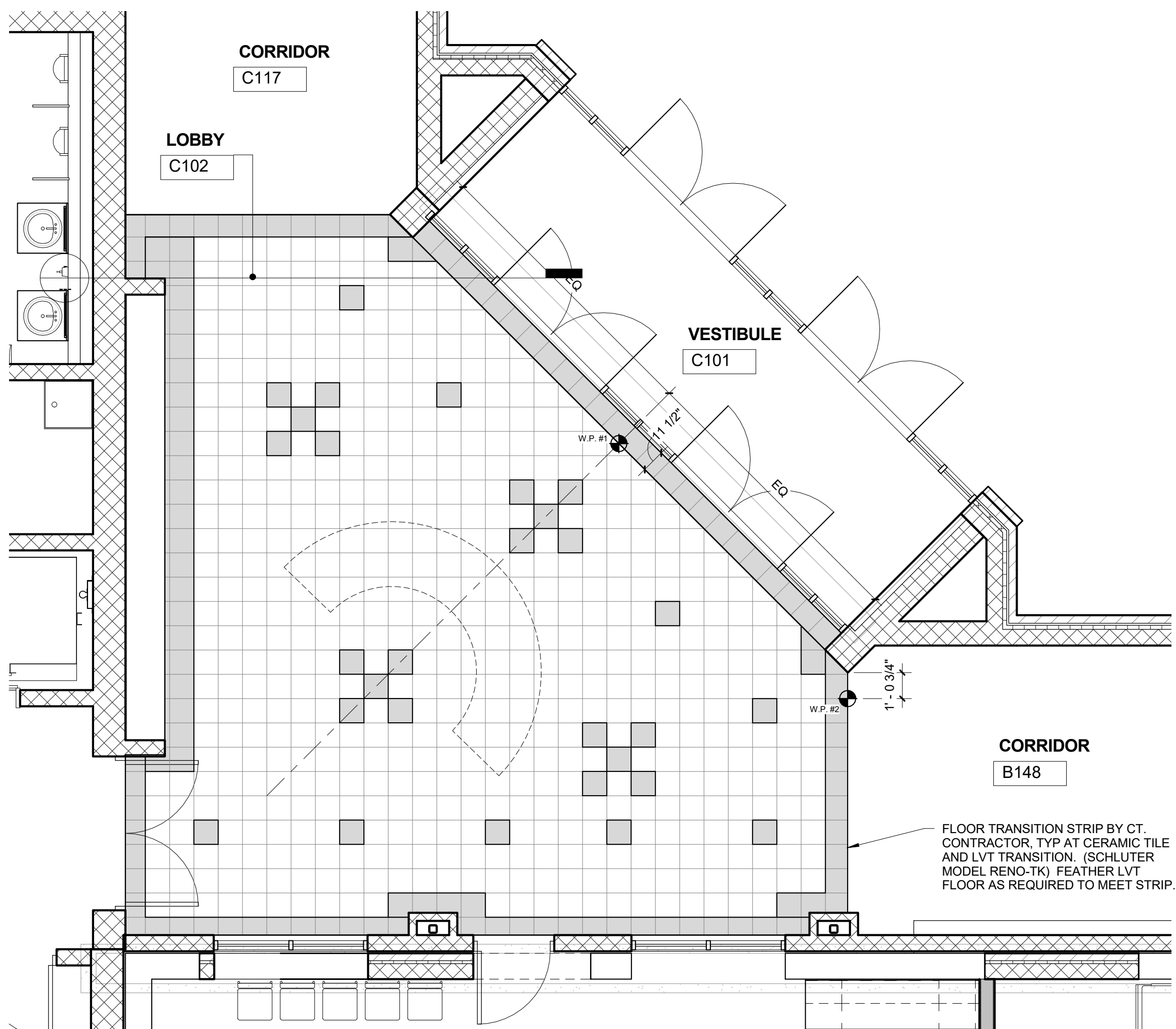
DRAWN BY: JAG
CHECKED BY: BJS

REVISIONS:
Construction Set
04/25/17

DATE: 03/10/17
SHEET NO.:

A7.0

JOB NO.: 141594



1
A1.2 ENLARGED FINISHED FLOOR PLAN - MAIN LOBBY
1/4" = 1'-0"

ROOM FINISH SCHEDULE - 'AREA B'							
NO.	ROOM NAME	FLOOR	BASE	WALL	CEILING		REMARKS
					MATERIAL	HEIGHT	
B100	VESTIBULE	ETR	ETR	ETR	ETR		
B101	STAIR	ETR	ETR	ETR	ETR		
B102	CORRIDOR	ETR	ETR	ETR	ETR		
B103	MEDIA CENTER	ETR	ETR	ETR	ETR		
B104	MC OFFICE	ETR	ETR	ETR	ETR		
B105	CORRIDOR	ETR	ETR	ETR	ETR		
B106	BUSINESS OFFICE	ETR	ETR	ETR	ETR		
B107	B. ADMIN.	ETR	ETR	ETR	ETR		
B108	C. LAB	ETR	ETR	ETR	ETR		
B109	ART	ETR	ETR	ETR	ETR		
B110	PRESCHOOL ROOM	ETR	ETR	ETR	ETR		
B111	PRESCHOOL ROOM	ETR	ETR	ETR	ETR		
B112	PRESCHOOL ROOM	ETR	ETR	ETR	ETR		
B113	PRESCHOOL ROOM	ETR	ETR	ETR	ETR		
B114	TOILET ROOM	ETR	ETR	ETR	ETR		
B115	MECHANICAL ROOM	ETR	ETR	ETR	ETR		
B115A	CLOSET	ETR	ETR	ETR	ETR		
B116	CORRIDOR	ETR	ETR	ETR	ETR		
B117	STAGE	ETR	ETR	ETR	ETR		
B118	CORRIDOR	ETR	ETR	ETR	ETR		
B119	FELLOWSHIP HALL	ETR	ETR	ETR	ETR	7	
B121	MUSIC ROOM 'A'	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
B122	STORAGE	CONC	-	PT	EXP		4
B123	ELECT. ROOM	CONC	-	PT	EXP		4
B124	OUTDOOR STOR.	CONC	-	-	EXP		4
B125	F.H. STORAGE	CONC	-	-	EXP		4
B126	GIRL'S TOILET	ETR	ETR	-	ETR		
B127	STORAGE	ETR	ETR	ETR	ETR		
B128	STORAGE	ETR	ETR	ETR	ETR		
B129	BOY'S TOILET	ETR	ETR	ETR	ETR		
B130	STORAGE	ETR	ETR	ETR	ETR		
B131	STORAGE	ETR	ETR	ETR	ETR		
B132	PANTRY	ETR	ETR	ETR	ETR		
B132A	TOILET RM	ETR	ETR	ETR	ETR		
B133	TABLES	ETR	ETR	ETR	ETR		
B134	KITCHEN	ETR	ETR	ETR	ETR		
B135	CORRIDOR	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
B136	FITNESS ROOM	LVT	RB	PT	ACT-1		1, 3, 4
B137	STAFF ROOM	LVT	RB	PT	ACT-1		1, 3, 4
B138	LEARNING CENTER	LVT	RB	PT	ACT-1		1, 3, 4
B139	TLC OFFICE	LVT	RB	PT	ACT-1		1, 3, 4
B140	WORK ROOM	LVT	RB	PT	ACT-1		1, 3, 4
B141	CONF. ROOM	OPT	RB	PT	ACT-1		1, 3, 4
B142	FILE ROOM	LVT	RB	PT	ACT-1		1, 3, 4
B143	SICK ROOM	LVT	RB	PT	ACT-1		1, 3, 4
B144	PRINCIPAL	OPT	RB	PT	ACT-1		1, 3, 4
B145	CONF / OFFICE	OPT	RB	PT	ACT-1		1, 3, 4
B146	PRES. DIR.	OPT	RB	PT	ACT-1		1, 3, 4
B147	SCHOOL OFFICE	OPT	RB	PT	ACT-1		1, 3, 4
B148	CORRIDOR	LVT	RB	PT	ACT-1		1, 3, 4, 12

ROOM FINISH SCHEDULE - 'AREA C'							
NO.	ROOM NAME	FLOOR	BASE	WALL	CEILING		REMARKS
					MATERIAL	HEIGHT	
C101	VESTIBULE	WC	RB	BR	GB / PT		3
C102	LOBBY	LVT	RB	PT	ACT-1 / GB / PT		1, 3, 4, 12
C103	STAIR	RTB / LVT	RB	PT	ACT-1		1, 3, 4, 13
C104	CORRIDOR	WC / LVT	RB	PT	ACT-1		1, 3, 4, 10, 11, 12, 15
C105	CLASSROOM	LVT / CPT	RB	PT	ACT-1		1, 3, 4, 10, 16
C106	CLASSROOM	LVT / CPT	RB	PT	ACT-1		1, 3, 4, 10, 16
C107	CLASSROOM	LVT / CPT	RB	PT	ACT-1		1, 3, 4, 10, 16
C108	STAIR	RTB / LVT	RB	PT	ACT-1		1, 3, 4, 13
C109	CLASSROOM	LVT / CPT	RB	PT	ACT-1		1, 3, 4, 10, 16
C110	CLASSROOM	LVT / CPT	RB	PT	ACT-1		1, 3, 4, 1
C111	CLASSROOM	LVT / CPT	RB	PT	ACT-1		1, 3, 4, 10
C112	TECH ROOM	CONC	RB	PT	EXP / PT		1, 4
C113	GIRLS TOILET	PCT	PCT	EPT	ACT-2		1, 3, 4, 9, 14
C114	BOYS TOILET	PCT	PCT	EPT	ACT-2		1, 3, 4, 9, 14
C115	JAN. CLOSET	CONC	-	EPT	EXP / PT		1, 4
C116	ELEV.	LVT	-	-	-		
C117	CORRIDOR	LVT	RB	PT	EXP / PT		1, 4, 12
C118	CONCESSION	LVT	RB	EPT	ACT-2		1, 3, 4
C119	WOMEN'S TOILET	PCT	PCT	EPT	ACT-2		1, 3, 4, 9, 14
C120	MEN'S TOILET	PCT	PCT	EPT	ACT-2		1, 3, 4, 9, 14
C121	GYMNASIUM	WD	VB	PT	EXP / PT		1, 2, 4, 12
C122	OFFICE	CONC	-	PT	ACT-1		1, 3, 4
C123	TRAINING ROOM	CONC	-	PT	ACT-1		1, 3, 4
C124	TEAM ROOM	CONC	-	PT	EXP / PT		1, 4
C125	STORAGE	CONC	-	PT	EXP / PT		1, 4
C126	TEAM ROOM	CONC	-	PT	EXP / PT		1, 4
C201	STAIR	RTB / LVT	RB	PT	ACT-1		1, 3, 4, 13
C202	CORRIDOR	LVT	RB	PT	ACT-1		
C203	ELEV.	LVT	-	-	-		
C204	JAN. CLOSET	CONC	-	EPT	EXP / PT		1, 4
C205	BOYS TOILET	PCT	PCT	EPT	ACT-2		1, 3, 4, 9, 14
C206	GIRLS TOILET	PCT	PCT	EPT	ACT-2		1, 3, 4, 9, 14
C207	CLASSROOM	LVT	RB	PT	ACT-1		1, 3, 4
C208	CLASSROOM	LVT	RB	PT	ACT-1		1, 3, 4
C209	CLASSROOM	LVT	RB	PT	ACT-1		1, 3, 4, 16
C210	STAIR	RTB / LVT	RB	PT	ACT-1		1, 3, 4, 13
C211	CLASSROOM	LVT	RB	PT	ACT-1		1, 3, 4, 16
C212	CLASSROOM	LVT	RB	PT	ACT-1		1, 3, 4, 16
C213	CLASSROOM	LVT	RB	PT	ACT-1		1, 3, 4, 16
C214	TECH RM.	CONC	RB	PT	EXP / PT		1, 4

ROOM FINISH SCHEDULE - 'AREA A'							
NO.	ROOM NAME	FLOOR	BASE	WALL	CEILING		REMARKS
					MATERIAL	HEIGHT	
A001	STAIR	ETR	ETR	ETR	ETR		
A002	LOBBY	ETR	ETR	ETR	ETR		
A003	ELEV.	ETR	ETR	ETR	ETR		
A004	ELEV. EQUIP.	ETR	ETR	ETR	ETR		
A005	CORRIDOR	ETR	ETR / RB	ETR / PT	ETR		5, 6
A006	MEN'S TOILET	ETR	ETR	ETR	ETR		
A007	WOMEN'S TOILET	ETR	ETR	ETR	ETR		
A008	GENERAL OFFICE	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
A009	OFFICE	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
A010	OFFICE	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
A011	OFFICE	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
A012	OFFICE	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
A013	PASTOR OFFICE	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
A014	CORRIDOR	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
A015	OFFICE	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
A016	CONFERENCE ROOM	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
A017	OFFICE	LVT	RB	PT	ACT-1	(V.I.F.)	1, 4, 8
A018	CORRIDOR	ETR	ETR / RB	ETR / PT	ETR		5, 6
A019	STORAGE	ETR	ETR	ETR	ETR		
A020	STAIR	ETR	ETR	ETR	ETR		
A021	WORK ROOM	ETR	ETR	ETR	ETR		
A022	CLASSROOM	ETR	ETR	ETR	ETR		
A023	CLASSROOM	ETR	ETR	ETR	ETR		
A024	CLASSROOM	ETR	ETR	ETR	ETR		
A025	OFFICE	ETR	ETR	ETR	ETR		
A026	OFFICE	ETR	ETR	ETR	ETR		
A027	MONEY COUNTING	ETR	ETR	ETR	ETR		
A028	MECHANICAL	ETR	ETR	ETR	ETR		
A029	STORAGE	ETR	ETR	ETR	ETR		
A030	STAIR	ETR	ETR	ETR	ETR		
A031	CORRIDOR	ETR	ETR	ETR	ETR		
A032	CLASSROOM	ETR	ETR	ETR	ETR		
A033	CLASSROOM	ETR	ETR	ETR	ETR		
A034	CLASSROOM	ETR	ETR	ETR	ETR		
A035	CLASSROOM	ETR	ETR	ETR	ETR		
A036	CLASSROOM	ETR	ETR	ETR	ETR		
A037	STORAGE	ETR	ETR	ETR	ETR		
A038	CORRIDOR	ETR	ETR	ETR	ETR		
A039	STAFF ROOM	ETR	ETR	ETR	ETR		
A100	CORRIDOR	ETR	ETR	ETR	ETR		
A101	STORAGE	ETR	ETR	ETR	ETR		
A102	STAIR	ETR	ETR	ETR	ETR		
A103	STAIR	ETR	ETR	ETR	ETR		
A104	TOILET	ETR	ETR	ETR	ETR		
A105	EXISTING	ETR	ETR	ETR	ETR		
A106	EXISTING	ETR	ETR	ETR	ETR		
A107	WORSHIP SPACE	ETR	ETR	ETR	ETR		
A108	STAIR	ETR	ETR	ETR	ETR		
A109	STAIR	ETR	ETR	ETR	ETR		
A110	CORRIDOR	ETR	ETR	ETR	ETR		
A111	EXISTING	ETR	ETR	ETR	ETR		
A112	NURSERY	ETR	ETR	ETR	ETR		
A113	TOILET	ETR	ETR	ETR	ETR		
A114	MEETING ROOM	ETR	ETR	ETR	ETR		
A115	J.C.	ETR	ETR	ETR	ETR		
A116	BRIDAL ROOM	ETR	ETR	ETR	ETR		
A117	WOMEN'S TOILET	ETR	ETR	ETR	ETR		
A118	MEN'S TOILET	ETR	ETR	ETR	ETR		
A119	CORRIDOR	ETR	ETR	ETR	ETR		
A120	VESTIBULE	ETR	ETR	ETR	ETR		
A120A	ELEV.	ETR	ETR	ETR	ETR		
A121	STAIR	ETR	ETR	ETR	ETR		
A122	EXISTING	ETR	ETR	ETR	ETR		
A123	EXISTING	ETR	ETR	ETR	ETR		

ROOM FINISH SCHEDULE ABBREVIATIONS:

FLOORS		WALLS	
OPT	CARPET	BR	BRICK
ETR	EXISTING TO REMAIN	EPT	EPOXY PAINT
LVT	LUXURY VINYL TILE	ETR	EXISTING TO REMAIN
PCT	PORCELAIN TILE	PT	PAINT
RTB	RUBBER TREADS/RISERS		
WC	WALK-OFF CARPET		
WD	WOOD ATHLETIC FLOOR		
WALL BASE		CEILING	
ETR	EXISTING TO REMAIN	ACT-1	2x2' ACOUSTICAL TILE LAY-IN SYSTEM
PCT	6"X PORCELAIN TILE	ACT-2	2x2' WASHABLE ACOUSTICAL TILE LAY-IN SYSTEM
RB	4"X RESILIENT COVE BASE	ETR	EXISTING TO REMAIN
RTR	RUBBER TREAD & RISERS	EXP	EXPOSED
VB	VENTED GYM BASE	GB	GYPSUM BOARD
		PT	PAINTED

ROOM FINISH SCHEDULE REMARKS:

1. PAINT ALL EXPOSED ITEMS IN ROOM: DUCTS, DOOR FRAMES, DOORS, PIPES, CONDUITS, DUCTWORK, ROOF DECK, ROOF FRAMING, ETC.
2. SEE FLOOR PATTERN PLAN FOR WOOD FLOOR STRIPING AND COLORS.
3. SEE REFLECTED CEILING PLANS FOR HEIGHTS AND SOFFIT DROP LOCATIONS.
4. PAINT ALL WALLS AND FRAMES IN ROOM (NEW AND EXISTING).
5. PAINT NEW WALL CONSTRUCTION TO MATCH EXISTING U.N.O. (V.I.F.).
6. PROVIDE NEW BASE AT NEW WALL CONSTRUCTION TO MATCH EXISTING (V.I.F.).
7. PAINT NEW SOFFIT / PIPE ENCLOSURE.
8. NEW CEILING TO BE INSTALLED AT SAME ELEVATION OF EXISTING CEILING.
9. PROVIDE HOLD DOWN CLIPS ON CEILING TILES IN ENTIRE ROOM.
10. SEE FLOOR PLANS FOR MATERIALS / PATTERNS OF FLOOR FINISHES.
11. PROVIDE HOLD DOWN CLIPS ON CEILING TILES WITHIN 20' OF EXTERIOR DOORS (V.I.F.).
12. MULTIPLE PAINT COLORS TO BE USED ON WALLS AND/OR CEILINGS: FRAMING, ROOF DECK, ETC. (TBD).
13. PROVIDE RUBBER TREADS / RISERS ON STAIRS AND RUBBER FLOORING ON INTERMEDIATE LANDINGS. REFER TO SCHEDULE FOR FINISH AT FLOOR LEVEL.
14. PROVIDE MARBLE THRESHOLD AT DOOR OPENING.
15. ALTERNATE NO. 3 - INSTALL CERAMIC TILE FLOOR AND BASE. REFER TO SPEC.
16. PROVIDE PULL DOWN BLINDS FOR ALL CLASSROOM WINDOWS. REFER TO SPEC.

ROOM FINISH SCHEDULE GENERAL NOTES (APPLIES TO ALL ROOMS):

1. PROVIDE METAL TRANSITION STRIPS (SCHLUTER) BETWEEN FLOOR FINISHES - TILE / CARPET, TILE / CONCRETE, ETC.
2. REMOVE / RE-INSTALL EXISTING LAY-IN CEILINGS AS REQ'D FOR OVERHEAD WORK: PIPING, DUCTWORK, ETC.



WAKELY ASSOCIATES, INC.
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www.wakelygaia.com

IMMANUEL LUTHERAN CHURCH & SCHOOL
CLASSROOM & GYMNASIUM ADDITION
47120 Romeo Plank Road, Macomb, MI 48044

ROOM FINISH SCHEDULES

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

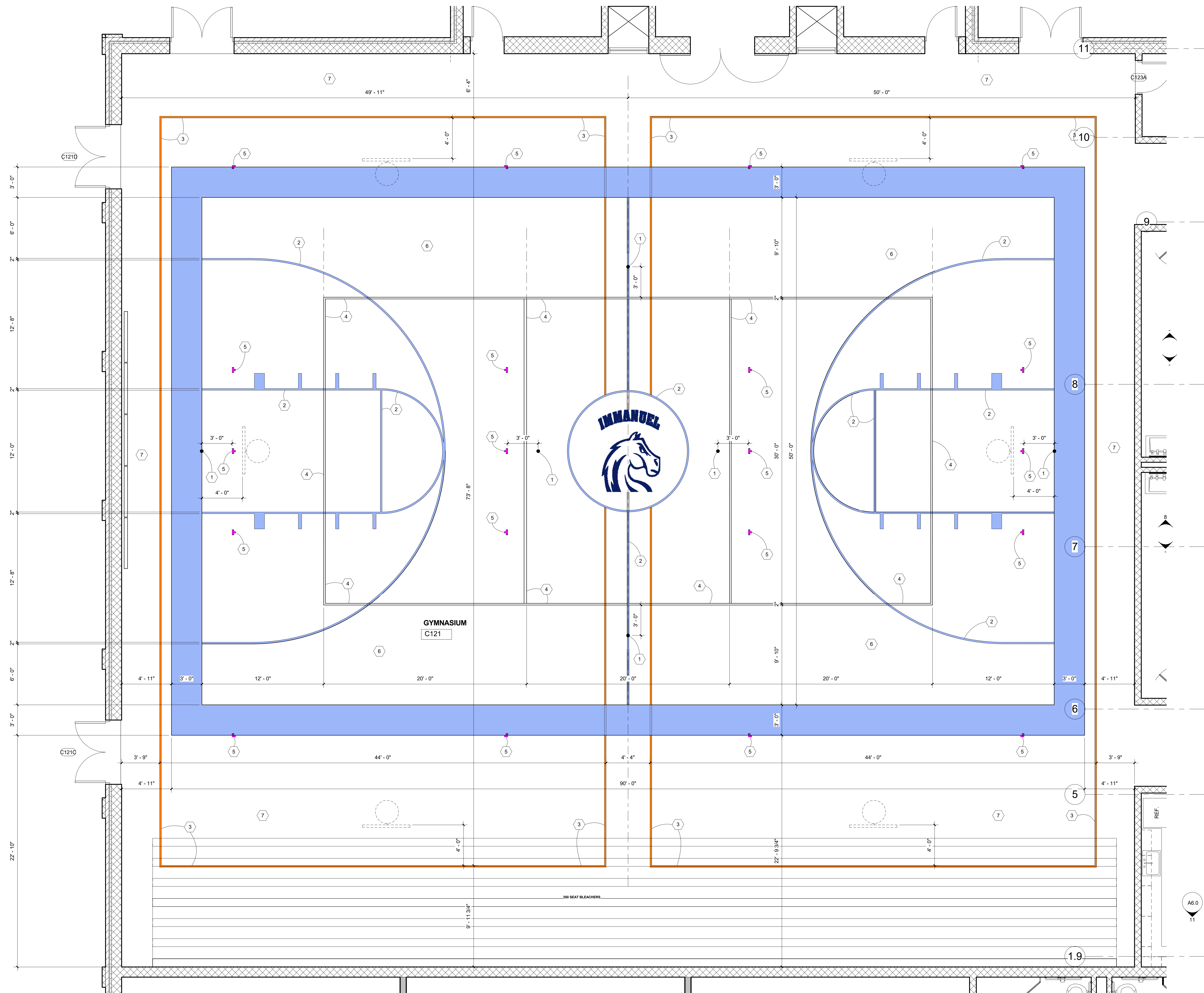
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CHECKED BY: BJS

REVISIONS:
Construction Set
04/25/17

DATE: 03/10/17
SHEET NO.:

A7.1

JOB NO.: 141594



1 FIRST FLOOR FLOOR PATTERN - AREA C
1/4" = 1'-0"

LEGEND:

- 1 VOLLEYBALL POLE INSERT
- 2 2" NAVY BLUE
- 3 2" BLACK
- 4 2" WHITE
- 5 2" TAN VOLLEYBALL MARKER
- 6 MAIN COURT COLOR 'A'
- 7 PERIMETER COURT COLOR 'B'

LINE COLOR SCHEDULE:

- MAIN BASKETBALL BLUE (NAVY)
- PRACTICE BASKETBALL 2" BLACK
- VOLLEYBALL 2" TAN
- 2" WHITE



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FIRST FLOOR FLOOR
PATTERN - AREA 'C'

PRELIMINARY ☐
DESIGN DEVELOPMENT ☐
CONSTRUCTION ☒
FINAL RECORD ☐

DRAWN BY: KAN
CHECKED BY: BJS

REVISIONS:
Construction Set
04/25/17

DATE: 03/10/17
SHEET NO.:

A8.1

JOB NO.: 141594



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47120 Romeo Plank Road, Macomb, MI 48044

SIGNAGE DETAILS

PRELIMINARY []
DESIGN DEVELOPMENT []
CONSTRUCTION []
FINAL RECORD []

DRAWN BY: A
CHECKED BY: Check

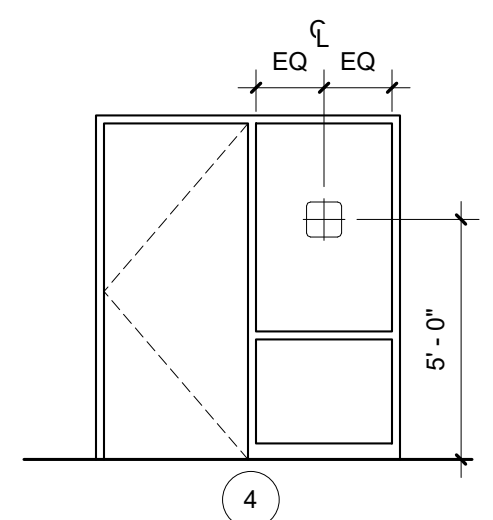
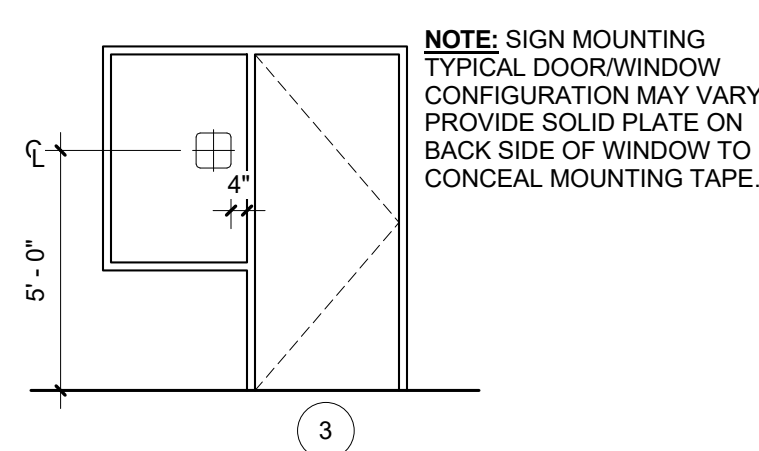
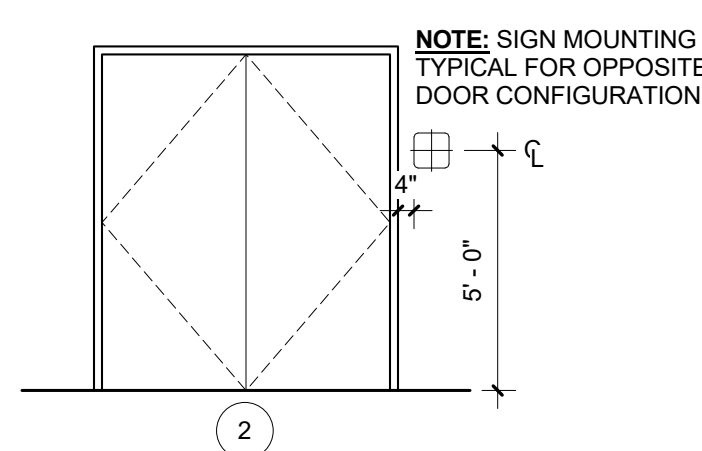
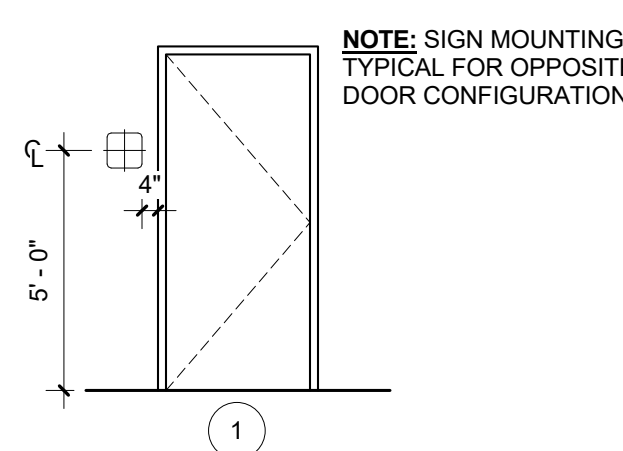
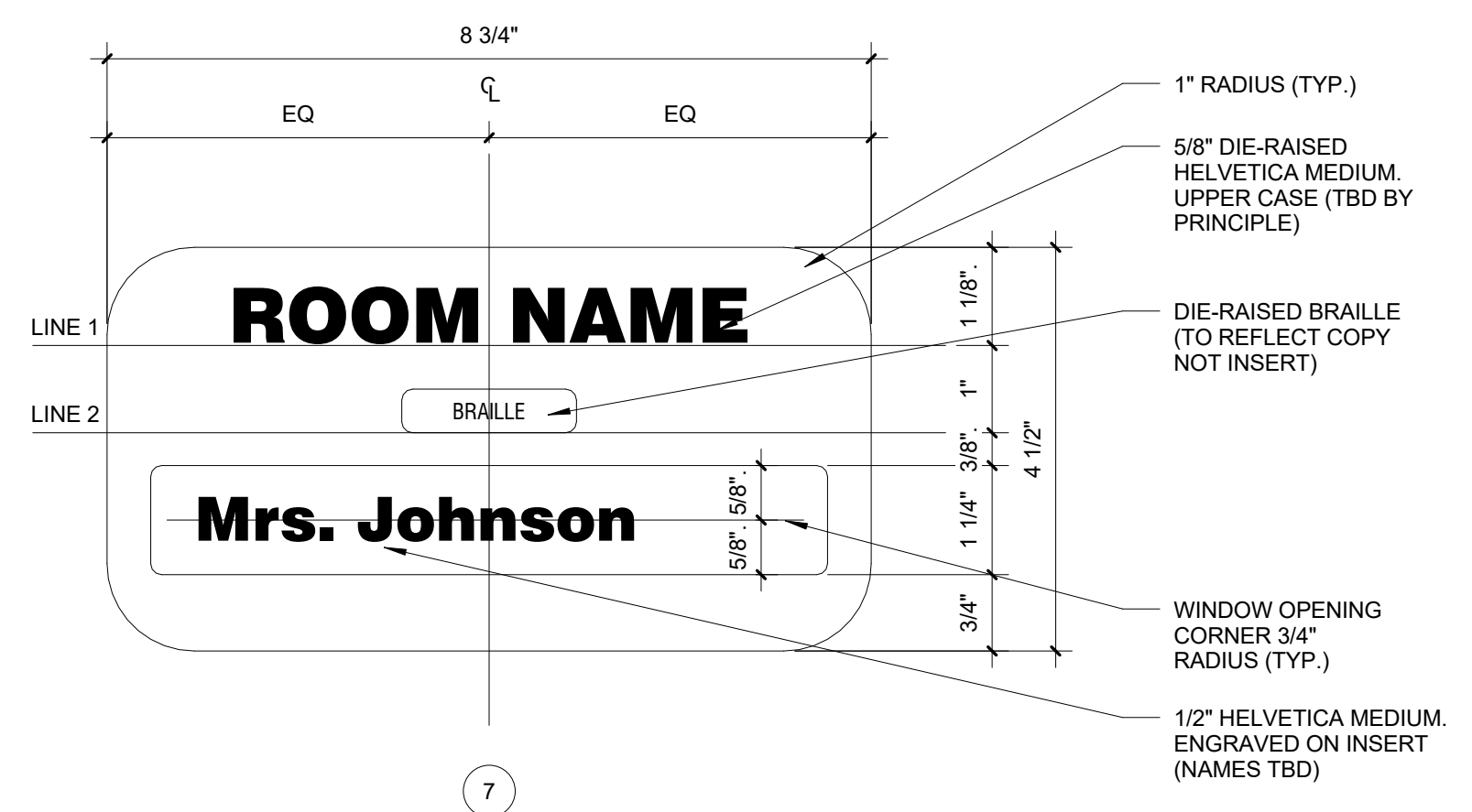
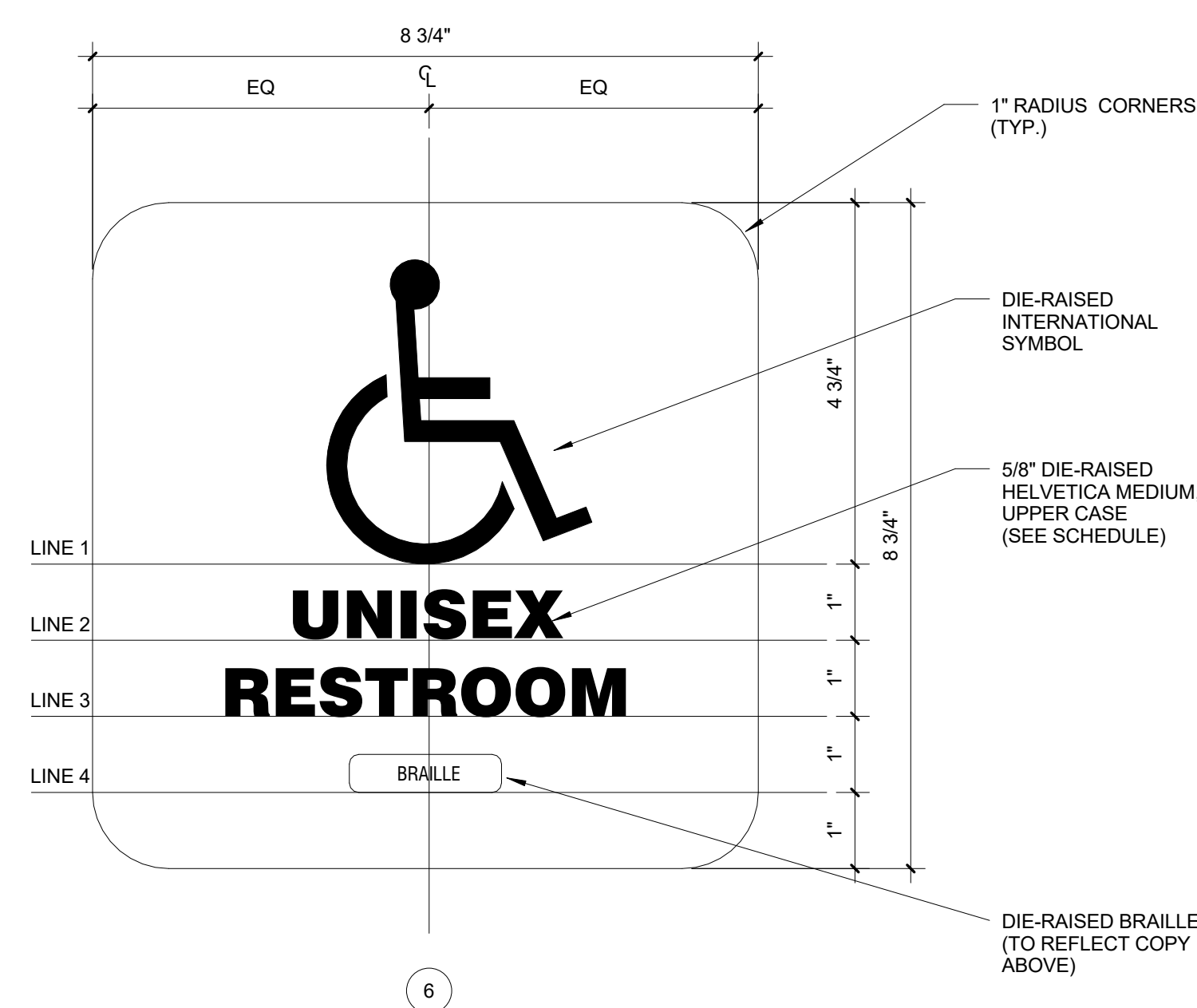
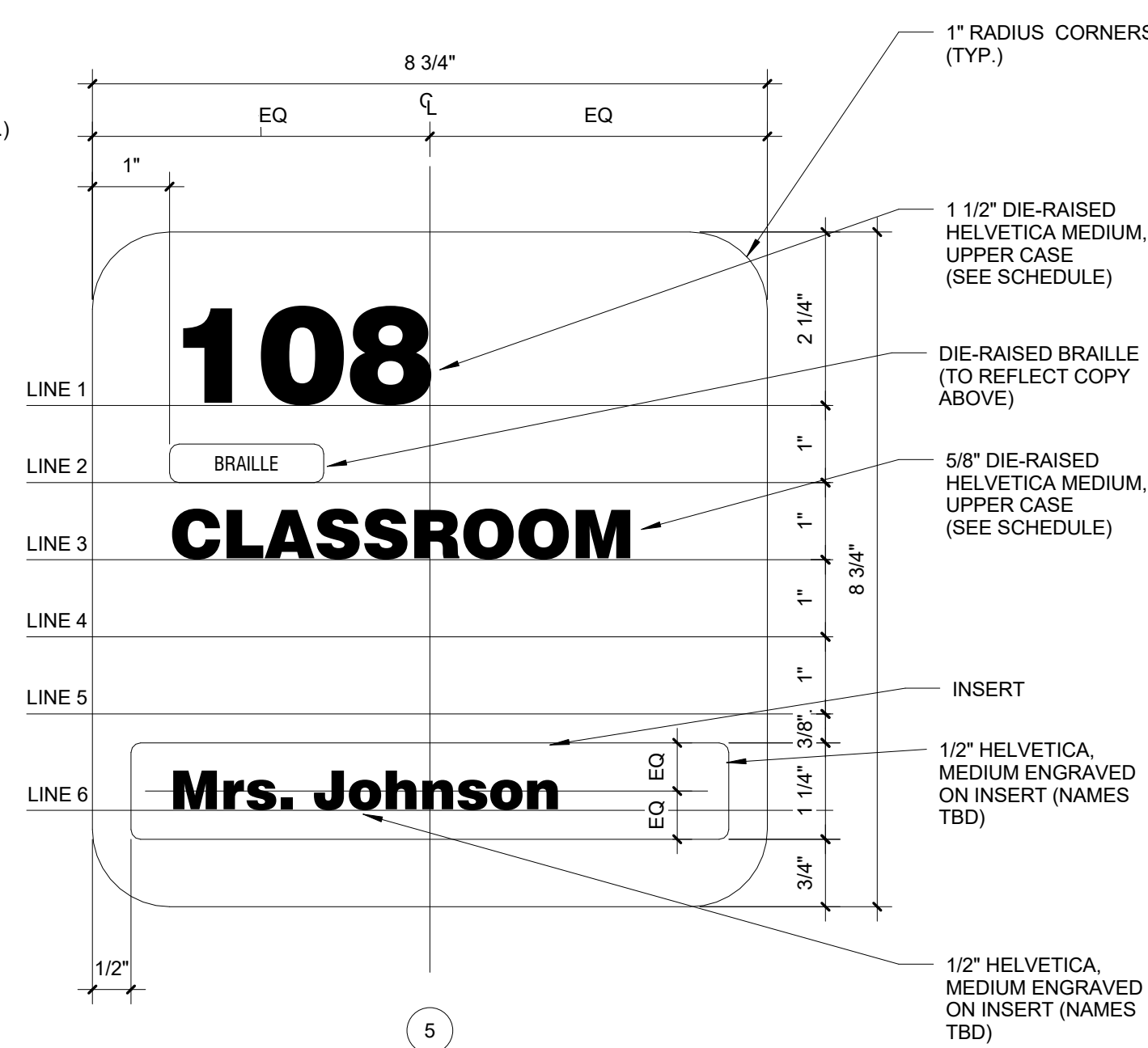
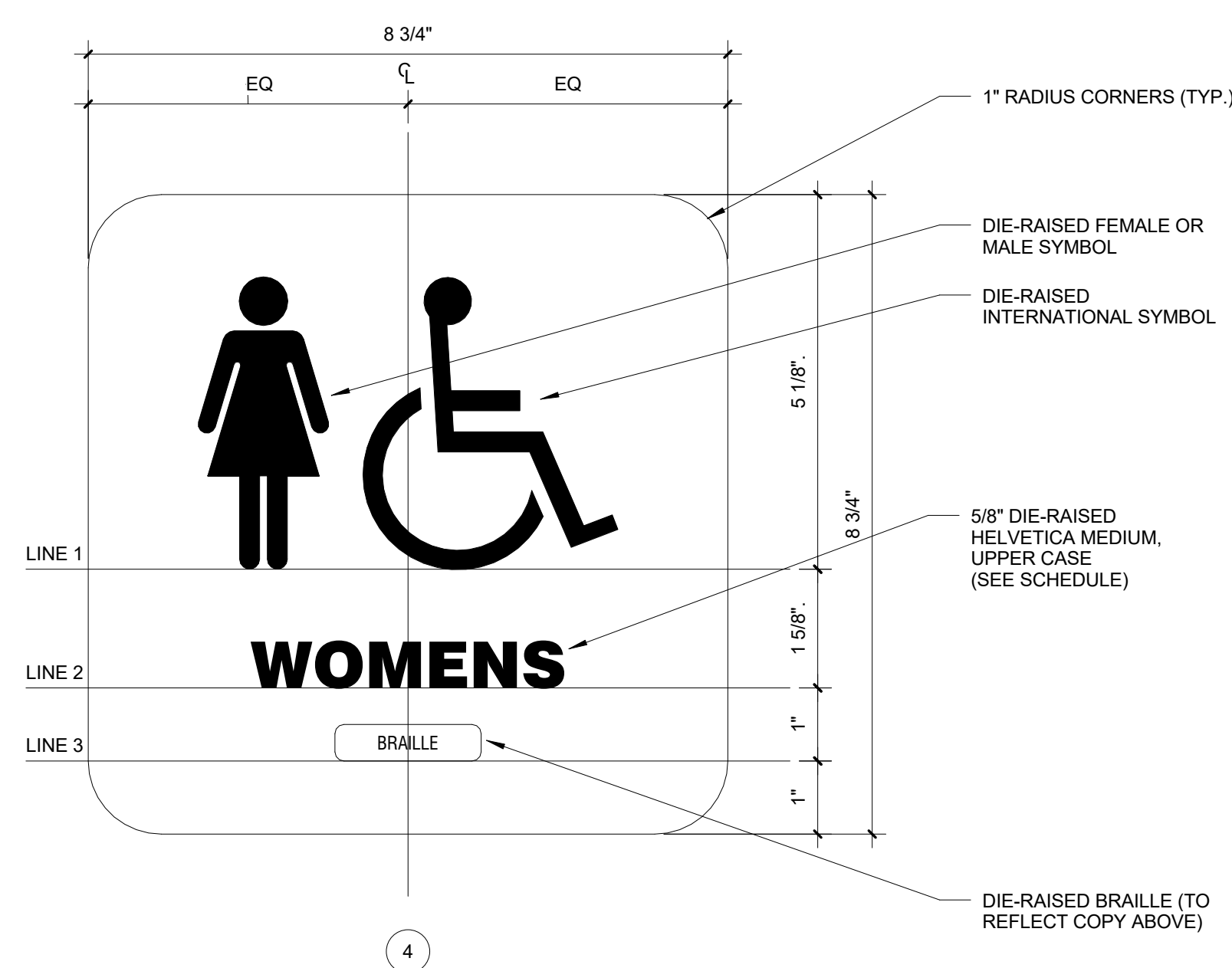
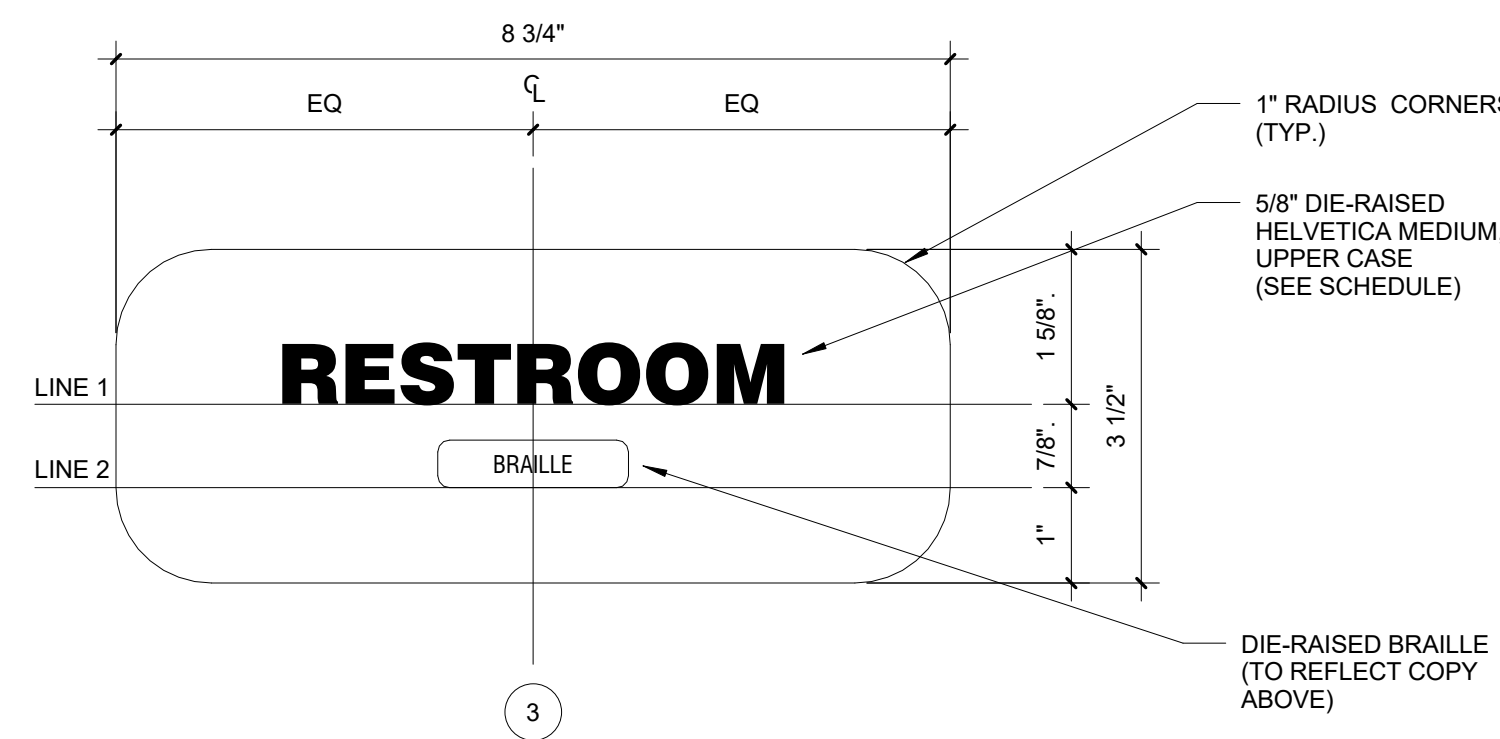
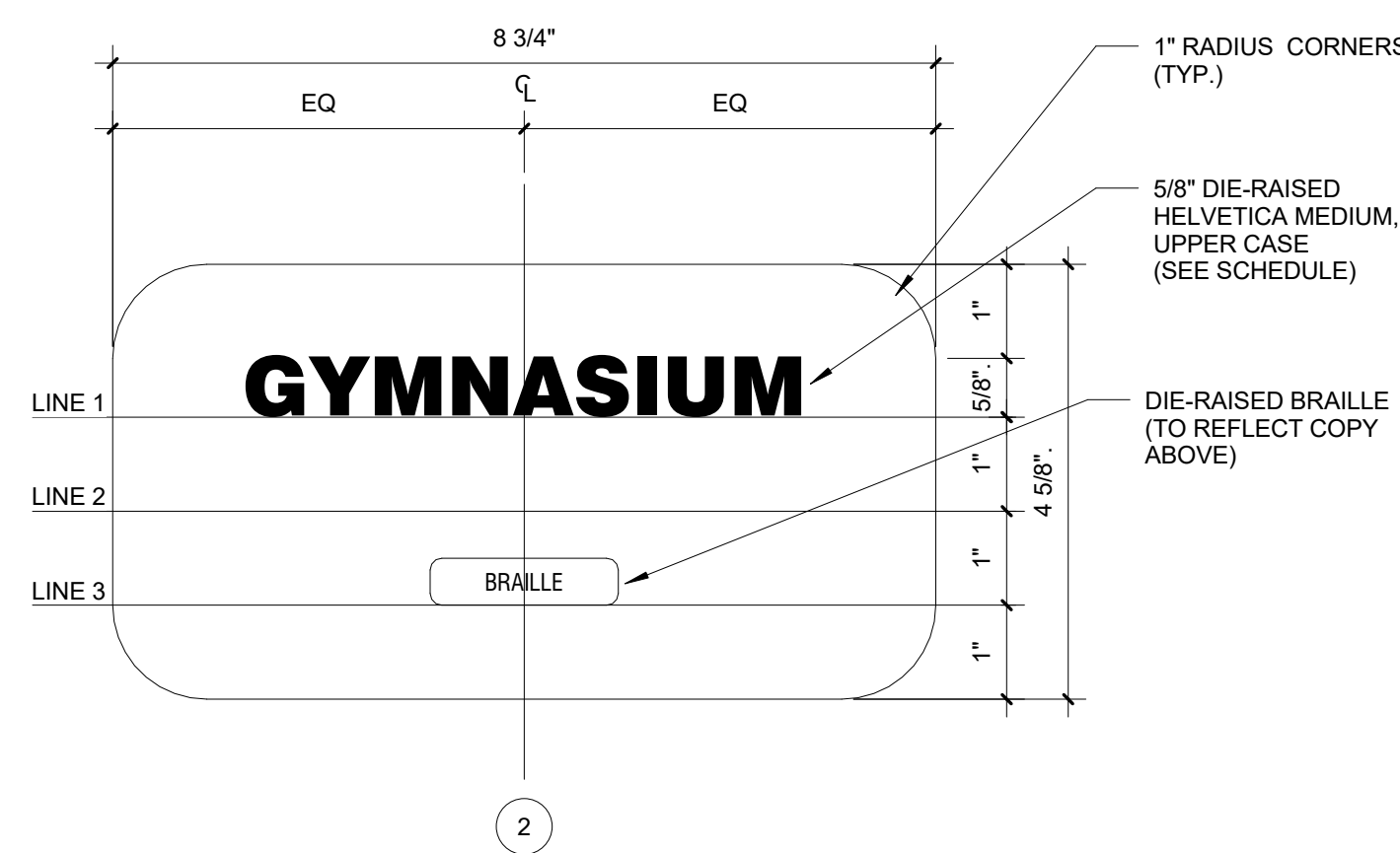
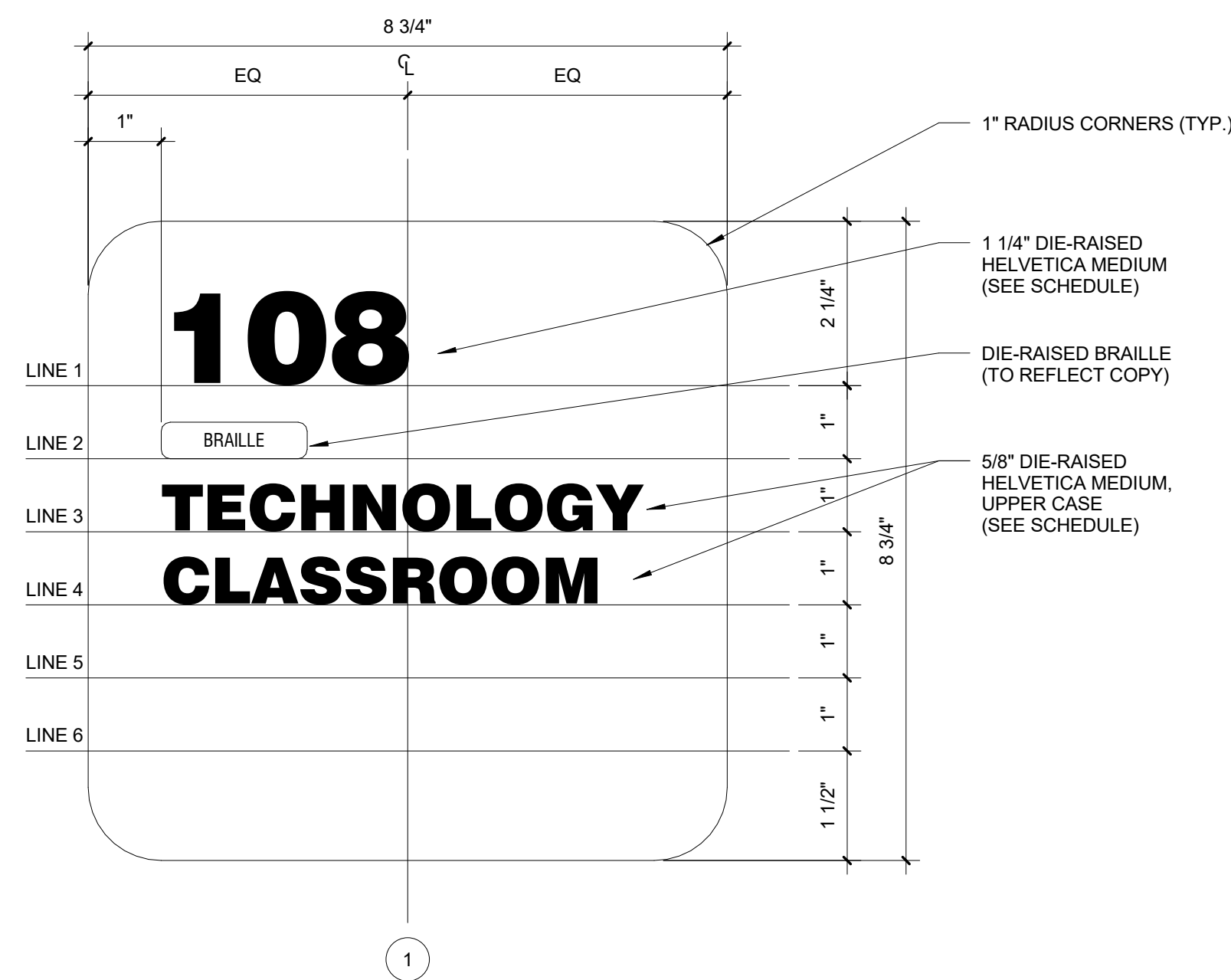
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DATE:	03/10/
SHEET NO.:	

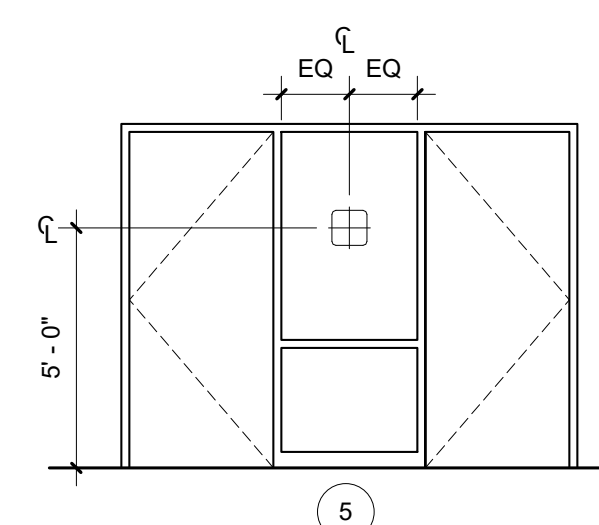
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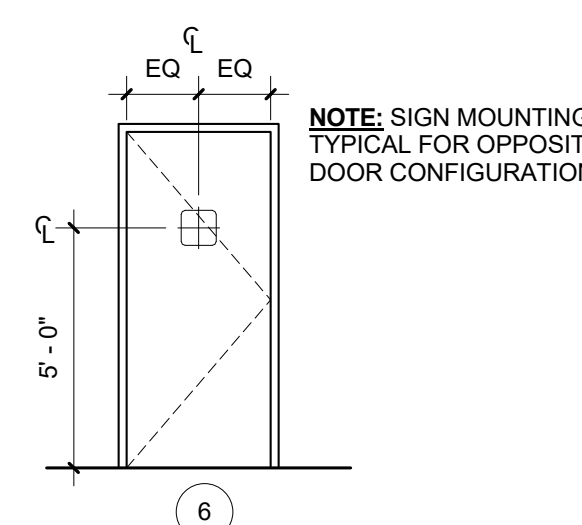
SIGNAGE SCHEDULE					
QTY	PLAN NO.	OWNER NO.	SIGN TYPE	MOUNTING	TEXT
1	A008		2	1	LINE 1: PARISH, LINE 2: OFFICES
1	A009		7		LINE 1: OFFICE
1	A010		7	1	LINE 1: OFFICE
1	A011		7	1	LINE 1: OFFICE
1	A012		7	1	LINE 1: OFFICE
1	A013		7	1	LINE 1: OFFICE
1	A014		2	1	LINE 1: PARISH, LINE 2: OFFICES
1	A015		7	1	LINE 1: OFFICE
2	A016		2	1	LINE 1: CONFERENCE, LINE 2: ROOM
1	A017		7	1	LINE 1: OFFICE
1	B121	LINE 1:	5	1	LINE 3: MUSIC, LINE 4: ROOM
1	B122		3	2	LINE 1: STORAGE
1	B125		3	1	LINE 1: STORAGE
	B135				
1	B136		2	1	LINE 1: FITNESS, LINE 2: ROOM
1	B137		2	1	LINE 1: STAFF, LINE 2: ROOM
2	B138	LINE 1:	5	1	LINE 3: LEARNING, LINE 4: CENTER
2	B139		7	1	LINE 1: OFFICE
2	B140		2	1	LINE 1: WORK, LINE 2: ROOM
1	B141		2	1	LINE 1: CONFERENCE, LINE 2: ROOM
2	B142		2	1	LINE 1: FILE, LINE 2: ROOM
1	B143		2	1	LINE 1: SICK, LINE 2: ROOM
1	B144		7	1	LINE 1: PRINCIPAL
1	B145		7	1	LINE 1: OFFICE
1	B146		7	1	LINE 1: PS DIRECTOR
2	B147		2	1	LINE 1: SCHOOL, LINE 2: OFFICE
	B148				
1	C103		3	1	LINE 1: STAIRS
	C104				
1	C105	LINE 1:	5	4	LINE 3: CLASSROOM
1	C106	LINE 1:	5	4	LINE 3: CLASSROOM
1	C107	LINE 1:	5	4	LINE 3: CLASSROOM
1	C108		3	1	LINE 1: STAIRS
1	C109	LINE 1:	5	4	LINE 3: CLASSROOM
1	C110	LINE 1:	5	4	LINE 3: CLASSROOM
1	C111	LINE 1:	5	4	LINE 3: CLASSROOM
1	C112		2	1	LINE 1: TECHNOLOGY, LINE 2: CLOSET
1	C113		4	1	LINE 2: GIRLS
1	C114		4	1	LINE 2: BOYS
1	C115		3	1	LINE 1: CUSTODIAL
2	C116		3	1	LINE 1: ELEVATOR
1	C118		3	1	LINE 1: CONCESSIONS
1	C119		4	1	LINE 2: WOMEN
1	C120		4	1	LINE 2: MEN
2	C121		3	7	LINE 3: GYMNASIUM
1	C122		3	1	LINE 1: OFFICE
1	C123		2	1	LINE 1: TRAINING, LINE 2: ROOM
1	C124		2	1	LINE 1: TEAM, LINE 2: ROOM
1	C125		2	1	LINE 1: GYMNASIUM, LINE 2: STORAGE
1	C126		2	1	LINE 1: TEAM, LINE 2: ROOM
1	C201		3	1	LINE 1: STAIRS
	C203				
1	C204		3	1	LINE 1: CUSTODIAL
1	C205		4	1	LINE 2: BOYS
1	C206		4	1	LINE 2: GIRLS
1	C207	LINE 1:	5	4	LINE 3: CLASSROOM
1	C208	LINE 1:	5	4	LINE 3: CLASSROOM
1	C209	LINE 1:	5	4	LINE 3: CLASSROOM
1	C210		3	1	LINE 1: STAIRS
1	C211	LINE 1:	5	4	LINE 3: CLASSROOM
1	C212	LINE 1:	5	4	LINE 3: CLASSROOM
1	C213	LINE 1:	5	4	LINE 3: CLASSROOM
1	C214		2	1	LINE 1: TECHNOLOGY, LINE 2: CLOSET



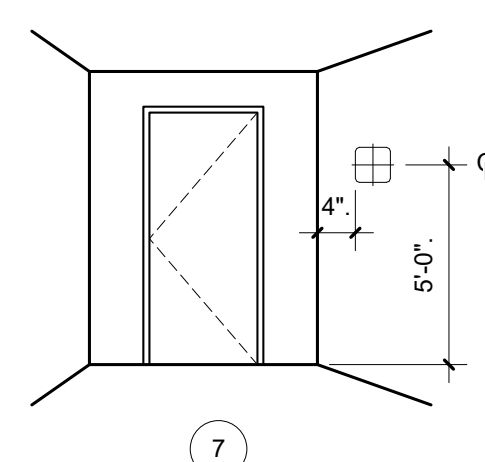
NOTE: SIGN MOUNTING TYPICAL FOR OPPOSITE DOOR CONFIGURATION. LIGHT CONFIGURATION MAY VARY. SIGN TO BE MOUNTED WITHIN FRAME AS CLOSE TO, BUT NOT TO EXCEED, 60" A.F.F. TO CENTER OF SIGN. PROVIDE SOLID PLATE ON BACK SIDE OF WINDOW TO CONCEAL MOUNTING TAPE.



NOTE: SIGN MOUNTING
TYPICAL DOOR/WINDOW
CONFIGURATION MAY VARY.
PROVIDE SOLID PLATE ON
BACK SIDE OF WINDOW TO
CONCEAL MOUNTING TAPE.



NOTE: SIGN MOUNTING
TYPICAL FOR OPPOSITE
DOOR CONFIGURATION



NOTE: SIGN MOUNTING
TYPICAL FOR OPPOSITE
DOOR CONFIGURATION