

addendum #1

Date of Issuance:	4.24.2024		
Project:	North Platte Recreation Center Addition & Renovation		
Project No.:	3005.924.00	File No.:	11.02
Architect:	RDG Planning & Design 1302 Howard Street Omaha, NE 68102		
Issued By:	Brad Rodenburg, AIA, RDG		

To: **All Prospective Bidders**

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated 4.16.2024 as noted below. This Addendum takes precedence over any previously issued Bidding Documents. The Bidder shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification. The Bidder has the singular responsibility to make this Addendum available to all sub-bidders.

This Addendum consists entirely of the following:

Text:	5 pages
Structural Drawings:	S01.11, S01.12, S01.13, S01.14, S02.11, S02.12, S02.14, S02.21, S02.24, S03.00, S03.01, S04.00, S04.01
Architectural Drawings:	AD1.10, AD1.20, A01.12, A01.13, A01.14, A01.21, A02.01, A03.11, A03.31, A07.04, A07.05, A08.04, A09.01, A09.02, A09.03, A09.04, A09.05, A09.06, A11.09, A11.10, A11.12, A12.04, A12.09, A13.01, A13.02, A13.05
Mechanical Drawings:	MD01.11, M01.12, M01.13, M01.21, M01.22, M02.11, M02.12, M02.21
Electrical Drawings:	ESD01.11, ES01.11, E01.11, E01.12, E02.11, E03.11, E03.21, E06.12
Aquatics Drawings:	PP1.00, FB1.00, FEL1.00

If all items listed above are not included, please contact RDG immediately for a complete copy of the Addendum.

All bidders shall confirm that the bidding document set(s) issued to them contain all pages scheduled on the Drawing Sheet Index and the Index to specifications in the Project Manual. Contact RDG for a complete copy if all items are not included.

Make the following modifications:

CHANGES TO STRUCTURAL DRAWINGS:

1. **S01.11 FOUNDATION PLAN AREA A**
 - A. ADD footing steps for underfloor pipe routing
 - B. CLARIFY Plan Note #2 regarding structural finished floor elevation
2. **S01.12 FOUNDATION PLAN AREA B**
 - A. CLARIFY Plan Note #2 regarding structural finished floor elevation
3. **S01.13 FOUNDATION PLAN AREA C**
 - A. CHANGE notes for new openings in existing walls
4. **S01.14 FOUNDATION PLAN AREA D**



- A. ADD thickened slab and cuts for Section 11 of Sheet S03.01
- B. CLARIFY Plan Note #2 regarding structural finished floor elevation
- 5. **S02.11 FLOOR FRAMING PLAN AREA A**
 - A. ADD notation for jamb and lintel reinforcing in new masonry wall openings
 - B. ADD notation for galvanized finishes for roof framing materials
 - C. CLARIFY Plan Note #3 regarding galvanized roof deck areas
- 6. **S02.12 FLOOR FRAMING PLAN AREA B**
 - A. CHANGE location and framing for new RTU-8
 - B. ADD note for jamb and lintel reinforcing in new masonry wall openings
- 7. **S02.14 FLOOR FRAMING PLAN AREA D**
 - A. CLARIFY Plan Note #2 regarding galvanized roof deck areas
- 8. **S02.21 ROOF FRAMING PLAN AREA A**
 - A. CLARIFY note regarding Ninja Cross system support framing
- 9. **S02.24 UPPER ROOF FRAMING PLAN AREA A**
 - A. CHANGE framing around elevator shaft walls
- 10. **S03.00 GENERAL STRUCTURAL DETAILS**
 - A. Detail 10: CLARIFY thru bolts and ADD notation for 6'-4" wide openings
- 11. **S03.01 INTERIOR FOUNDATION SECTIONS**
 - A. Section 11: ADD section
- 12. **S04.00 FRAMING DETAILS**
 - A. Detail 2: CLARIFY note regarding galvanized finishes for roof framing materials
- 13. **S04.01 INTERIOR FLOOR FRAMING SECTIONS**
 - A. Sections 7, 8 and 12: ADD note regarding galvanized finishes for roof framing materials
 - B. Section 16: ADD angle and connections

CHANGES TO ARCHITECTURAL DRAWINGS:

- 1. **A01.10 - DEMOLITION PLAN LEVEL 1**
 - A. CHANGE as indicated on the Drawing:
 - i) CHANGE Keyed Demolition Notes
 - ii) CHANGE and ADD plan notes
 - iii) CHANGE and ADD Keyed Notes
 - iv) ADD hatched regions
 - v) CHANGE catwalk and catwalk description
 - vi) ADD existing stoops
- 2. **A01.20 - DEMOLITION PLAN ROOF**
 - A. CHANGE as indicated on the Drawing:
 - i) ADD hatched regions to show extent of modifications of existing roof areas.
 - ii) CHANGE hatch area on the existing dome
 - iii) ADD existing ridges, valleys, crickets, roof drains and pavers
 - iv) ADD and OMIT plan notes
 - v) CHANGE existing mechanical unit location
 - vi) ADD existing skylights
- 3. **A01.13 - FLOOR PLAN LEVEL 1 AREA C**
 - A. CHANGE top of wall elevation tag to correct wall.
- 4. **A01.14 - FLOOR PLAN LEVEL 1 AREA D**
 - A. CHANGE graphic clean up for clarity
- 5. **A01.21 - FLOOR PLAN MEZZANINE AREA A**
 - A. CHANGE duplicate placement of storefront SF2-57



- B. CLARIFY glazing type
- 6. **A02.01 - ENLARGED PLANS**
 - A. A1: CLARIFY typical bench length at universal restroom & shower
 - B. C1: ADD toilet accessories TTP & SND to Room 213
 - C. C1: ADD toilet accessories SND to Room 217
 - D. C4: CHANGE sauna bench layout
- 7. **A03.11 - REFLECTED CEILING PLAN LEVEL 1 AREA A**
 - A. ADD: gyp bd ceiling soffit under Stair 1
 - B. ADD: gyp bd ceiling at Lobby 103 transition to Circulation 105
- 8. **A03.31 - REFLECTED CEILING PLAN CLERESTORY AREA A**
 - A. CHANGE ceiling grid layout
- 9. **A07.04 - WALL SECTIONS**
 - A. A2: CHANGE floor slab/block transition.
 - B. A3: CHANGE location of existing CMU.
- 10. **A07.05 - WALL SECTIONS**
 - A. A5: CHANGE railing room tag location.
- 11. **A08.01 - VERTICAL CIRCULATION PLANS & SECTIONS**
 - A. A4: ADD gyp bd ceiling soffit / detail
- 12. **A08.04 - VERTICAL CIRCULATION DETAILS**
 - A. C3: ADD stair soffit light fixture detail
 - B. D3: ADD gyp bd ceiling soffit to stair detail
- 13. **A09.01 - EXTERIOR DETAILS - PLAN**
 - A. A1: CHANGE metal panel insulation pattern.
 - B. A3: CHANGE metal panel insulation pattern.
 - C. C3: CHANGE rigid insulation location.
 - D. D5: CHANGE metal panel insulation pattern & show rigid frame column.
- 14. **A09.02 - EXTERIOR DETAILS**
 - A. D4: ADD rigid insulation & plywood below metal flashing.
- 15. **A09.03 - EXTERIOR DETAILS**
 - A. A2: CHANGE CMU sill block & wood blocking
 - B. C1: ADD batt insulation to interior walls & rigid insulation around steel plate.
 - C. D1: ADD rigid insulation & plywood to back of parapet wall.
 - D. D5: ADD rigid insulation & plywood to back of Parapet wall.
- 16. **A09.04 - EXTERIOR DETAILS**
 - A. A2: ADD rigid insulation & plywood below metal flashing.
 - B. A6: CHANGE exterior earth hatch
 - C. B1: ADD rigid insulation & plywood to back of parapet wall.
 - D. B3: ADD rigid insulation & Plywood to back of parapet wall.
 - E. E6: CHANGE notes.
- 17. **A09.05 - EXTERIOR DETAILS**
 - A. B1: ADD rigid insulation & plywood to back of parapet wall.
 - B. D1: ADD rigid insulation & plywood below metal flashing.
 - C. D5: ADD rigid insulation & plywood to back of parapet wall.
- 18. **A09.06 - EXTERIOR DETAILS**
 - A. A1: CHANGE floor slab transition.
 - B. A2: CHANGE translucent curtain wall note.
 - C. A5: CHANGE floor slab/block transition & curtain wall.
 - D. B2: CHANGE translucent curtain wall note.
 - E. B3: CHANGE translucent curtain wall note.
 - F. B4: CHANGE existing brick & int. alum-framed storefront note.



- G. B6: CHANGE hatch pattern on 4" roof panel.
- H. C1: ADD rigid insulation & plywood below metal flashing.
- I. C4: ADD wood blocking at top of CMU wall.
- J. D2: CHANGE storefront location & ADD rigid insulation & plywood below metal flashing.
- K. D3: CHANGE Gyp. sheathing/soffit transition & ceiling panels at storefront
- L. D6: ADD rigid insulation & plywood to back of parapet wall
- 19. **A11.09 - COURT STRIPING PLANS**
 - A. CHANGE striping dimensions and court labels
- 20. **A11.10 - COURT STRIPING PLANS**
 - A. CHANGE striping dimensions and court labels
- 21. **A11.12 - FINISH PLAN LEVEL 1 AREA B**
 - A. ADD corner guards
- 22. **A12.04 - INTERIOR ELEVATIONS**
 - A. B4: CHANGE duplicate placement of storefront SF2-57
- 23. **A12.09 - INTERIOR ELEVATIONS**
 - A. B1: CHANGE duplicate placement of storefront SF2-57
- 24. **A13.01 - INTERIOR DETAILS**
 - A. A2, B5: CLARIFY bench material
 - B. A4, A5: CLARIFY: alignment of locker finish with adjacent wall finish
- 25. **A13.02 - INTERIOR DETAILS**
 - A. D1: CLARIFY wall cap and light fixture alignment
- 26. **A13.05 - INTERIOR PLAN DETAILS**
 - A. Details A2, A5, B1, B2, B4, C3, C4, C5, & D3, CHANGE sealant at all storefront frame locations.

CHANGES TO MECHANICAL DRAWINGS:

- 1. **MD01.11 – PLUMBING DEMO PLAN LEVEL 1**
 - A. Add sheet note 6.
- 2. **M01.12 – PLUMBING PLAN LEVEL 1 – AREA B**
 - A. Flip roof drain and overflow drain so roof drain was at the low point.
- 3. **M01.13 – PLUMBING PLAN LEVEL 1 – AREA C**
 - A. Add sheet note 12.
- 4. **M01.21 – PLUMBING PLAN LEVEL 2 – AREA A**
 - A. Flip roof drain and overflow drain so roof drain was at the low point.
- 5. **M01.22 – PLUMBING PLAN LEVEL 2 – AREA B**
 - A. Flip roof drain and overflow drain so roof drain was at the low point.
- 6. **M02.11 – HVAC PLAN LEVEL 1 – AREA A**
 - A. Shift supply and return duct to avoid panels.
- 7. **M02.12 – HVAC PLAN LEVEL 1 – AREA B**
 - A. Adjust return serving Gymnasium 150 to avoid new column.
- 8. **M02.21 – HVAC PLAN LEVEL 2 – AREA A**
 - A. Move RTU-3, RTU-9, and RTU-10.

CHANGES TO MECHANICAL DRAWINGS:

- 1. **ESD01.11 – ELECTRICAL SITE DEMO PLAN**
 - A. Add sheet notes 1 and 2.
- 2. **ES01.11 – ELECTRICAL SITE PLAN**
 - A. Add sheet note 12.
 - B. Change location of light fixture type SPB as shown on plans.



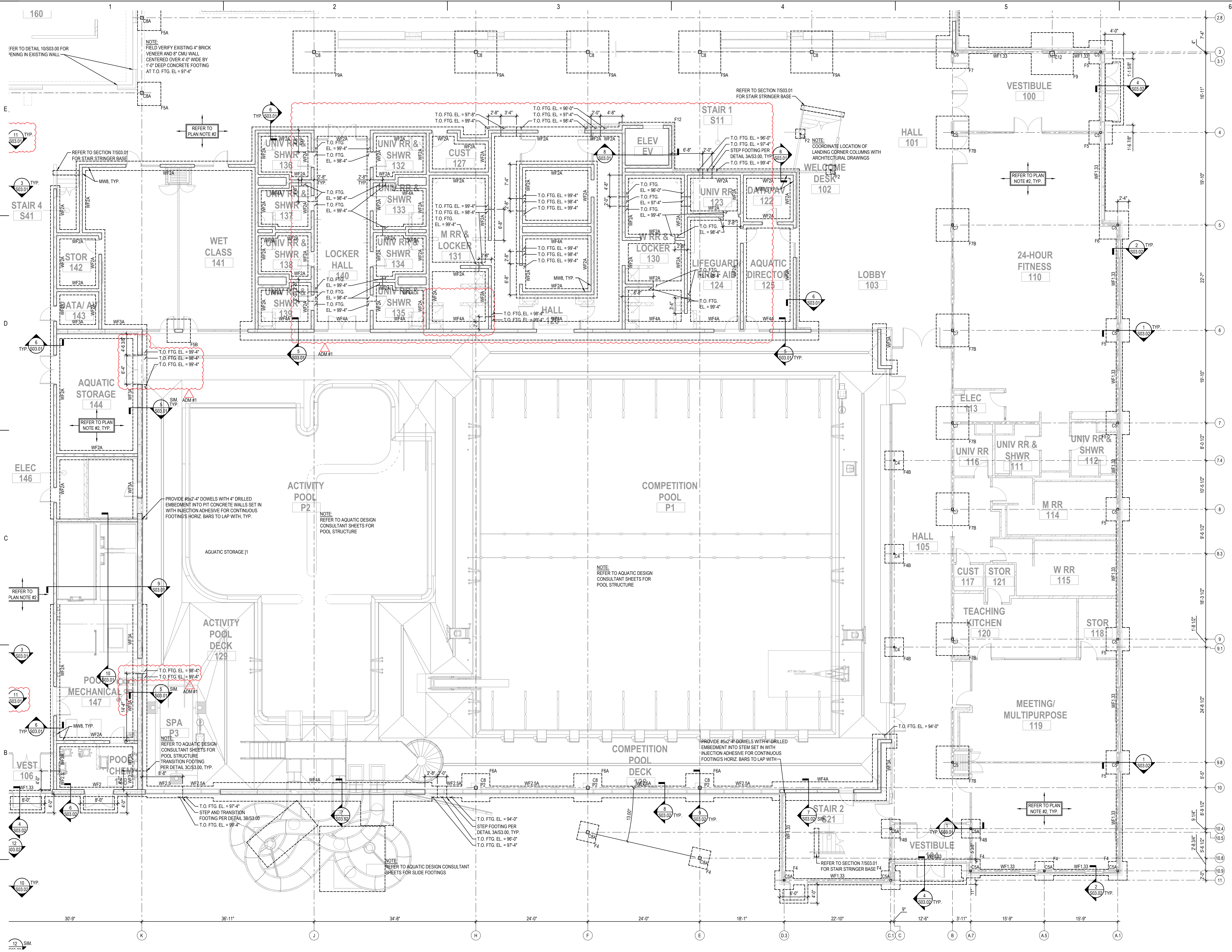
- C. Change location of utility transformer.
- D. Remove sheet note 11.
- 3. **E01.11 – LIGHTING PLAN LEVEL 1 – AREA A**
 - A. Change light fixtures at north end of Circulation 105 to be type DA.
 - B. Change emergency lighting circuit at north end of Circulation 105.
 - C. Add load controller to north end of Circulation 105 and circuit as shown on plans.
 - D. Change location of exit sign at north end of Circulation 105.
 - E. Add sheet notes 8 and 9.
- 4. **E01.12 – LIGHTING PLAN LEVEL 1 – AREA B**
 - A. Add existing light fixture to Vestibule 107.
- 5. **E02.11 – POWER PLAN LEVEL 1 – AREA A**
 - A. Add two (2) hand dryer circuits in Women's Locker 130 and Men's Locker 131.
 - B. Change location of above counter receptacle in Women's Locker 130.
 - C. Change location of panels 1AH2 and 1AL2.
 - D. Change location of receptacle in 24-Hour Fitness 110.
- 6. **E03.11 – TECHNOLOGY PLAN LEVEL 1 – AREA A**
 - A. Change location of speaker strobe at north end of Circulation 105.
 - B. Add smoke detectors to north end of Circulation 105.
 - C. Add door hold opens to door 105.
 - D. Change circuiting of speaker in Lobby 103.
- 7. **E03.21 – TECHNOLOGY PLAN LEVEL 2 – AREA A**
 - A. Modify circuiting for speaker near stairs.
- 8. **E06.12 – ELECTRICAL PANEL SCHEDULES**
 - A. Change Switchboard Schedule.
 - B. Change Distribution Panel Schedule.
 - C. Change Panel Schedules 1AL1 and 1AL2.

CHANGES TO AQUATICS DRAWINGS:

- 1. **PP1.00 - FILTER ROOM ELECTRICAL PLAN**
 - A. Pool Data Tables: Update recirculation rates and volumes.
 - B. Aquatics Alternate Bid Table: Update table to match specifications.
- 2. **FB1.00 – FILTER ROOM PLAN**
 - A. Pump Schedule: Update recirculation rates for lap pool and spa.
- 3. **FEL1.00 – FILTER ROOM ELECTRICAL PLAN**
 - A. Schedule PP1: Correct spelling errors.

END OF ADDENDUM # 1





- PLAN NOTES:
1. TOP OF FOOTING ELEVATION IS 99'-4" UNLESS NOTED OTHERWISE.
 2. 4" THICK NORMAL WEIGHT CAST-IN-PLACE CONCRETE SLAB REINFORCED WITH 1.5 POUNDS PER CUBIC YARD OF MICRO-SYNTHETIC MONOFILAMENT FIBER ATOP 4" GRANULAR FILL AND 15 MIL VAPOR BARRIER. MATO (STRUCTURAL FINISHED FLOOR ELEVATION OF 100'-0" TO CORRESPONDING ARCHITECTURAL ELEVATION OF 0" AND CIVIL ELEVATION OF 2812.71 (VERIFY WITH ARCHITECTURAL AND CIVIL SHEETS)). PROVIDE FLOOR SLAB CONTROL AND CONSTRUCTION JOINTS AT EXPOSED CONCRETE AREAS WITH ARCHITECTURAL FLOOR FINISH PLAN JOINTS PER DETAIL 2/303.00 AT SPACINGS LISTED ON THE GENERAL. STRUCTURAL NOTES: COORDINATE FLOOR SLAB CONTROL AND CONSTRUCTION JOINTS AT EXPOSED CONCRETE AREAS WITH ARCHITECTURAL FLOOR FINISH PLAN.
 3. PROVIDE SLEEVES THROUGH CAST-IN-PLACE CONCRETE PERIMETER FOOTINGS AS REQUIRED PER MECHANICAL AND PLUMBING SHEETS. DO NOT ALLOW SLEEVES TO INTERFERE WITH REINFORCING AND PROVIDE MINIMUM CLEARANCE OF 3" TO ALL REINFORCING.
 4. REFER TO ARCHITECTURAL SHEETS FOR VERIFICATION OF WALL AND OPENING DIMENSIONS AND LAYOUTS. REFER TO ARCHITECTURAL SHEETS FOR REINFORCED CAST-IN-PLACE CONCRETE FOOTINGS AND MISCELLANEOUS STEEL ELEMENTS AT BOLLARDS AND STAIRS.

FOUNDATION PLAN - AREA A
SCALE: 1/8" = 1'-0"

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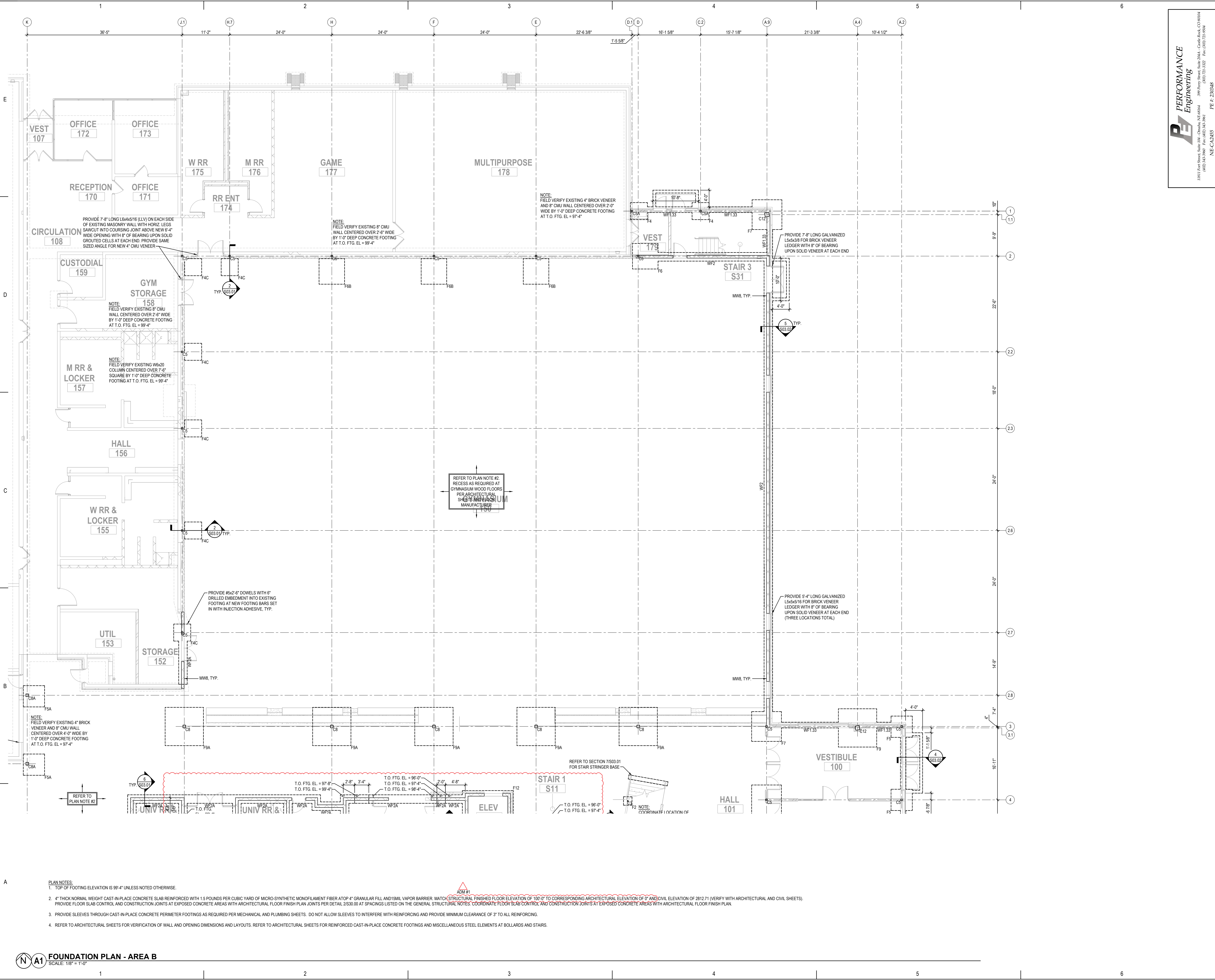
FOUNDATION PLAN - AREA A

FOUNDATION PLAN - AREA A

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FOUNDATION PLAN - AREA A



- PLAN NOTES:
1. TOP OF FINISH ELEVATION IS 99'-4" UNLESS NOTED OTHERWISE.
 2. 4" THICK NORMAL WEIGHT CAST-IN-PLACE CONCRETE SLAB REINFORCED WITH 1.5 POUNDS PER CUBIC YARD OF MICRO-SYNTHETIC MONOFILAMENT FIBER ATOP 4" GRANULAR FILL AND 15ML VAPOR BARRIER. MATCH STRUCTURAL FINISHED FLOOR ELEVATION OF 100'-0" TO CORRESPONDING ARCHITECTURAL ELEVATION OF 0" AND CIVIL ELEVATION OF 281.72 (VERIFY WITH ARCHITECTURAL AND CIVIL SHEETS). PROVIDE FLOOR SLAB CONTROL AND CONSTRUCTION JOINTS AT EXPOSED CONCRETE AREAS WITH ARCHITECTURAL FLOOR FINISH PLAN JOINTS PER DETAIL 2/30.00 AT SPACINGS LISTED ON THE GENERAL STRUCTURAL NOTES. COORDINATE FLOOR SLAB CONTROL AND CONSTRUCTION JOINTS AT EXPOSED CONCRETE AREAS WITH ARCHITECTURAL FLOOR FINISH PLAN.
 3. PROVIDE SLEEVES THROUGH CAST-IN-PLACE CONCRETE PERIMETER FOOTINGS AS REQUIRED PER MECHANICAL AND PLUMBING SHEETS. DO NOT ALLOW SLEEVES TO INTERFERE WITH REINFORCING AND PROVIDE MINIMUM CLEARANCE OF 3" TO ALL REINFORCING.
 4. REFER TO ARCHITECTURAL SHEETS FOR VERIFICATION OF WALL AND OPENING DIMENSIONS AND LAYOUTS. REFER TO ARCHITECTURAL SHEETS FOR REINFORCED CAST-IN-PLACE CONCRETE FOOTINGS AND MISCELLANEOUS STEEL ELEMENTS AT BOLLARDS AND STAIRS.

FOUNDATION PLAN - AREA B
SCALE: 1/8" = 1'-0"

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RECREATION CENTER ADDITION & RENOVATION

1300 McDONALD RD.
NORTH PLATTE, NE 69101

CITY OF NORTH PLATTE, NE

AREA A
AREA B
AREA C
AREA D

PROJECT NO: R3085.924.00
DATE: 4/3/2024
ISSUANCE: 4/3/2024
CONSTRUCTION PHASES: CONSTRUCTION DOCUMENTS, ADDITION AND RENOVATION

FOUNDATION PLAN - AREA B

S01.12

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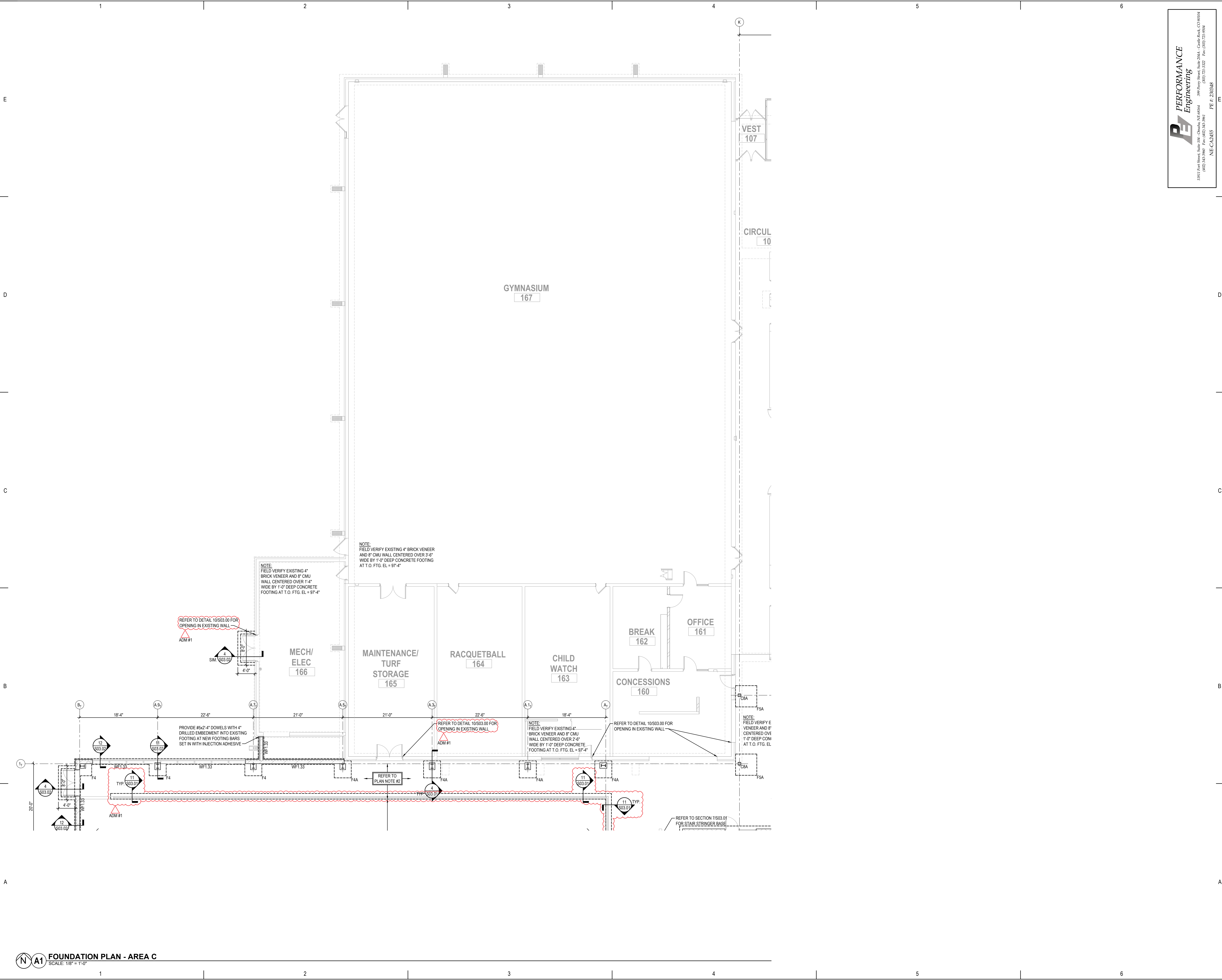
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FOUNDATION PLAN - AREA C
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AREA C

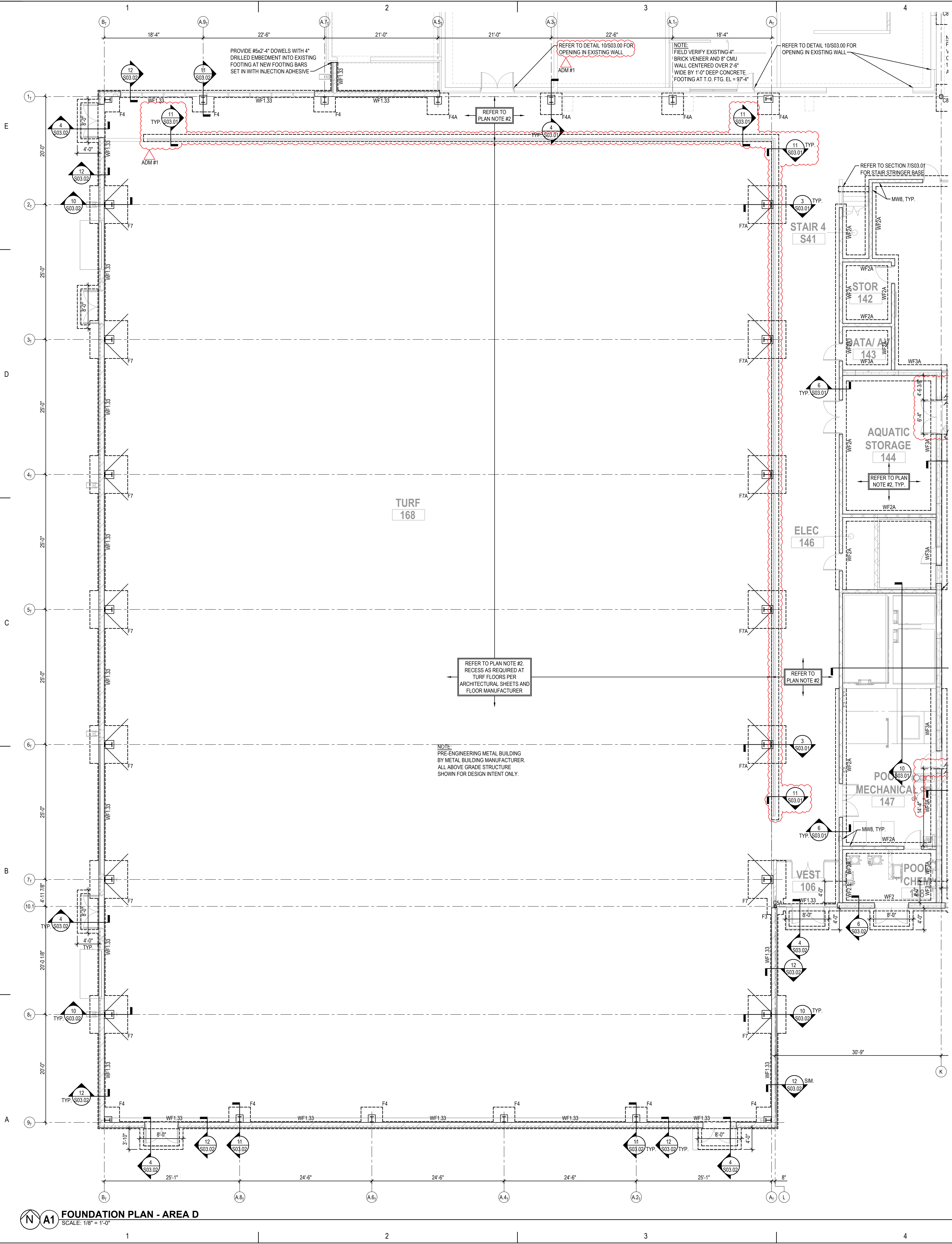
AREA B

AREA A

AREA D

FOUNDATION PLAN - AREA C

S01.13



- PLAN NOTES:
1. TOP OF FOOTING ELEVATION IS 99'-4" UNLESS NOTED OTHERWISE.
 2. 4" THICK (5" THICK BENEATH TURF 168) NORMAL WEIGHT CAST-IN-PLACE CONCRETE SLAB REINFORCED WITH 1.5 POUNDS PER CUBIC YARD OF MICRO-SYNTHETIC MONOFILAMENT. ADM #1 FIBER ATOP 4" GRANULAR FILL AND 15 MIL VAPOR BARRIER. MATCH STRUCTURAL FINISHED FLOOR ELEVATION OF 103'-0" TO CORRESPONDING ARCHITECTURAL ELEVATION OF 0" AND CIVIL ELEVATION OF 2812.71 (VERIFY WITH ARCHITECTURAL AND CIVIL SHEETS). PROVIDE FLOOR SLAB CONTROL AND CONSTRUCTION JOINTS AT EXPOSED CONCRETE AREAS WITH ARCHITECTURAL FLOOR FINISH PLAN JOINTS PER DETAIL 2/530.00 AT SPACINGS LISTED ON THE GENERAL STRUCTURAL NOTES. COORDINATE FLOOR SLAB CONTROL AND CONSTRUCTION JOINTS AT EXPOSED CONCRETE AREAS WITH ARCHITECTURAL FLOOR FINISH PLAN.
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 4. REFER TO ARCHITECTURAL SHEETS FOR VERIFICATION OF WALL AND OPENING DIMENSIONS AND LAYOUTS. REFER TO ARCHITECTURAL SHEETS FOR REINFORCED CAST-IN-PLACE CONCRETE FOOTINGS AND MISCELLANEOUS STEEL ELEMENTS AT BOLLARDS AND STAIRS.

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CITY OF NORTH PLATTE, NE

AREA A
AREA B
AREA C
AREA D

PROJECT NO.	R3085.924.00
DATE	4.3.2020
ISSUANCE	
CONSTRUCTION PHASES	
CONSTRUCTION DOCUMENTS	
FOUNDATION PLAN - AREA D	

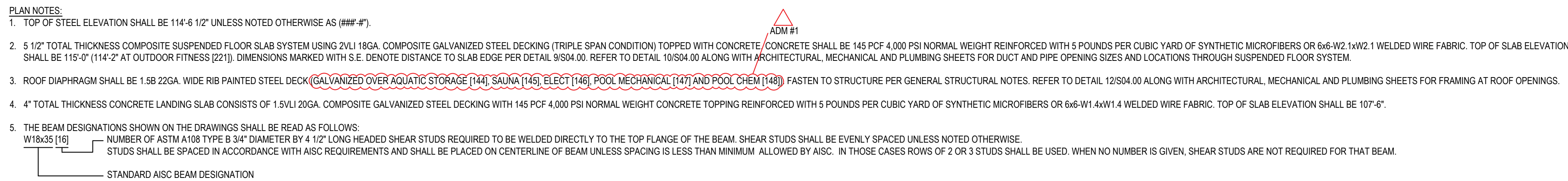
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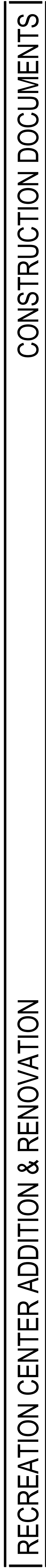
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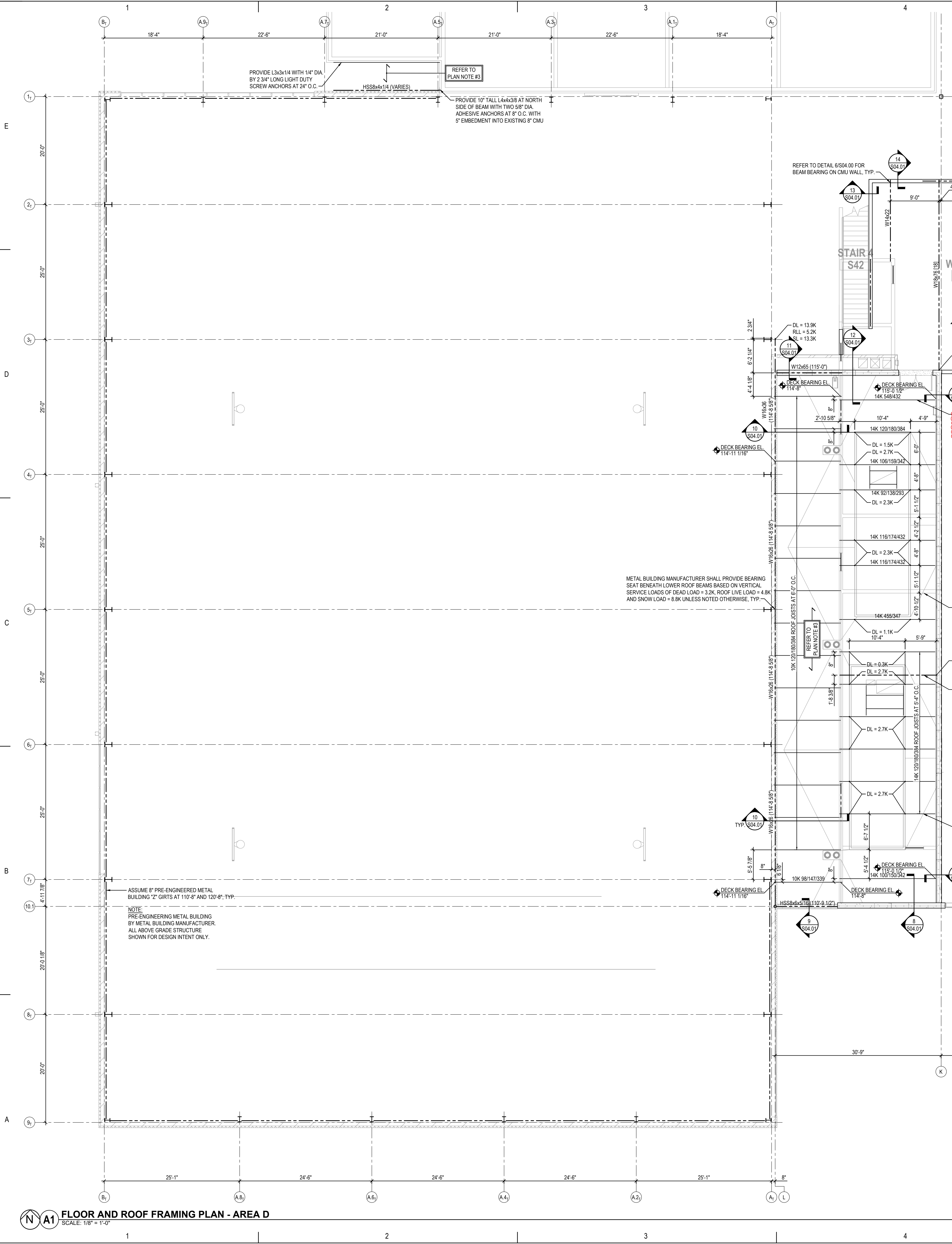
THE DRAWING MAY NOT REPRESENT ALL CHANGES THAT HAVE OCCURRED DURING OR CONSTRUCTION PHASES. CONSTRUCTION DOCUMENTS ADDRESS AND CHANGE DOCUMENTS FROM THE OFFICIAL DOCUMENTS.

FOUNDATION PLAN - AREA D

S01.14







- PLAN NOTES:
1. TOP OF STEEL ELEVATION SHALL BE 114'-6 1/2" UNLESS NOTED OTHERWISE AS (###'##").
 2. 5 1/2" TOTAL THICKNESS COMPOSITE SUSPENDED FLOOR SLAB SYSTEM USING 2X11 18GA. COMPOSITE GALVANIZED STEEL DECKING (TRIPLE SPAN CONDITION) TOPPED WITH CONCRETE. CONCRETE SHALL BE 145 PCF 4,000 PSI NORMAL WEIGHT REINFORCED WITH 5 POUNDS PER CUBIC YARD OF SYNTHETIC MICROFIBERS OR #6-W2 14W2 1 WELDED WIRE FABRIC. TOP OF SLAB ELEVATION SHALL BE 115'-0". DIMENSIONS MARKED WITH S.E. DENOTE DISTANCE TO SLAB EDGE PER DETAIL 9/S04.00. REFER TO DETAIL 10/S04.00 ALONG WITH ARCHITECTURAL, MECHANICAL AND PLUMBING SHEETS FOR DUCT AND PIPE OPENING SIZES AND LOCATIONS THROUGH SUSPENDED FLOOR SYSTEM.
 3. ROOF DIAPHRAGM SHALL BE 1.5B 22GA. WIDE RIB PAINTED STEEL DECK (GALVANIZED OVER AQUATIC STORAGE (144) SAUNA (145) ELECT (146) POOL MECHANICAL (147) AND POOL CHEM (148) ADM#1) FASTEN TO STRUCTURE PER GENERAL STRUCTURAL NOTES. REFER TO DETAIL 12/S04.00 ALONG WITH ARCHITECTURAL, MECHANICAL AND PLUMBING SHEETS FOR FOAMING AT ROOF OPENINGS.
 4. THE BEAM DESIGNATIONS SHOWN ON THE DRAWINGS SHALL BE READ AS FOLLOWS:
W18x25 (16) - NUMBER OF ASTM A108 TYPE B 3/4" DIAMETER BY 4 1/2" LONG HEADED SHEAR STUDS REQUIRED TO BE WELDED DIRECTLY TO THE TOP FLANGE OF THE BEAM. SHEAR STUDS SHALL BE EVENLY SPACED UNLESS NOTED OTHERWISE. STUDS SHALL BE SPACED IN ACCORDANCE WITH AISI REQUIREMENTS AND SHALL BE PLACED ON CENTERLINE OF BEAM UNLESS SPACING IS LESS THAN MINIMUM ALLOWED BY AISI. IN THOSE CASES ROWS OF 2 OR 3 STUDS SHALL BE USED. WHEN NO NUMBER IS GIVEN, SHEAR STUDS ARE NOT REQUIRED FOR THAT BEAM.
- STANDARD AISI BEAM DESIGNATION

PERFORMANCE Engineering
1817 First Avenue South, Suite 100, Omaha, Nebraska 68104
(402) 342-3300 Fax: (402) 342-3361 (302) 721-3322 Fax: (302) 721-3361
NE-CA2455 PE # 230348

RECREATION CENTER ADDITION & RENOVATION

RDG DESIGN
PLANNING

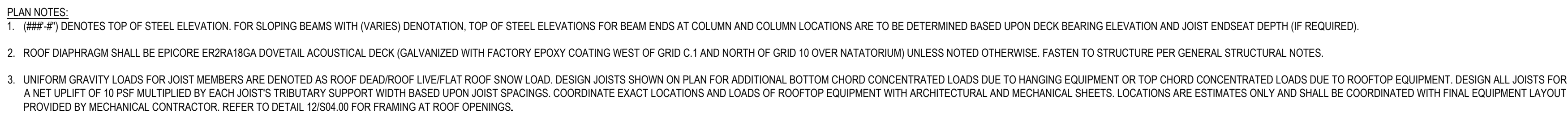
1300 McDONALD RD., NORTH PLATTE, NE 69101
CITY OF NORTH PLATTE, NE

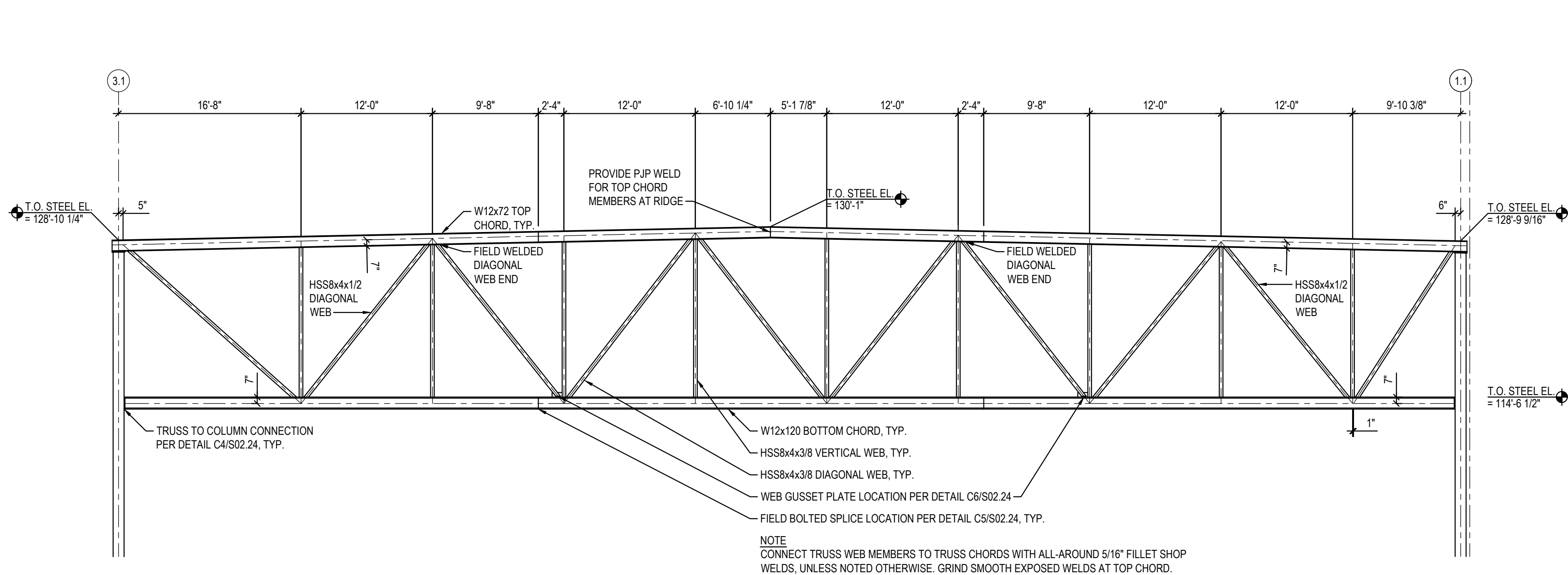
FLOOR AND ROOF FRAMING PLAN - AREA D
S02.14

RDG Planning & Design
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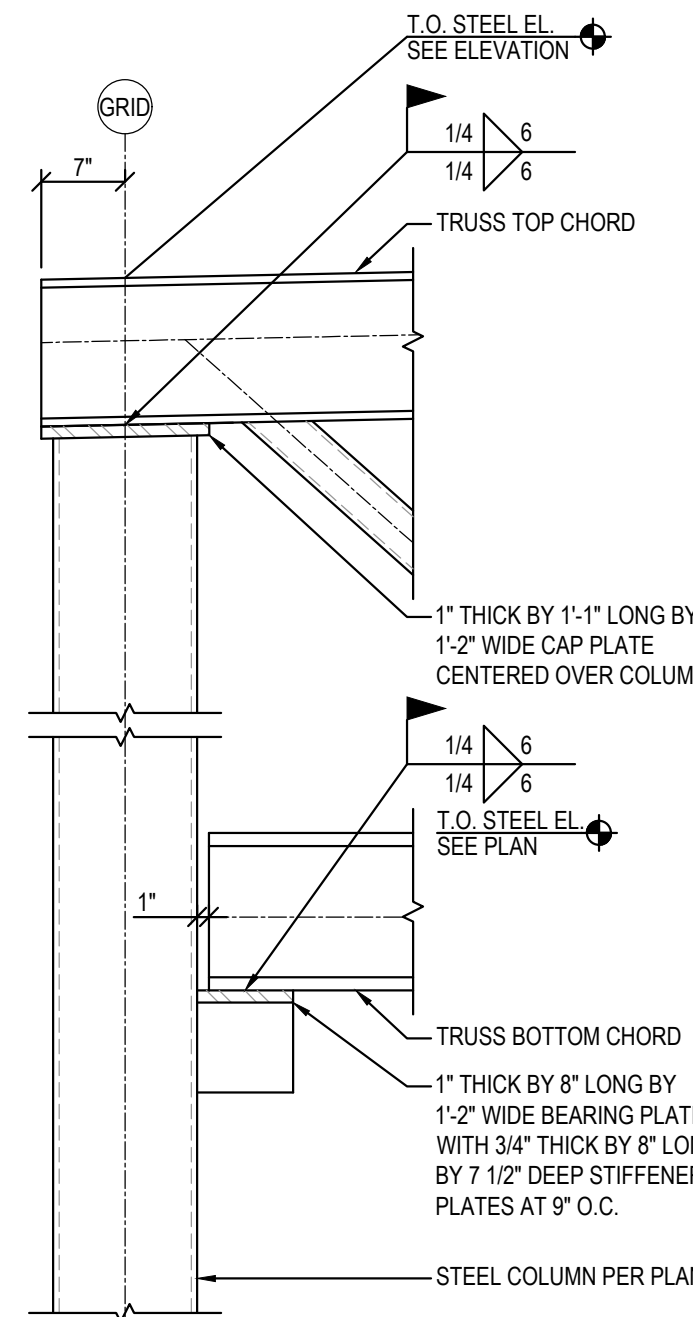
NO.	REVISION	DATE
1	ISSUED FOR PERMIT	11/15/2024

ISSUED FOR PERMIT
DATE: 11/15/2024
PROJECT NO: R3085.924.00

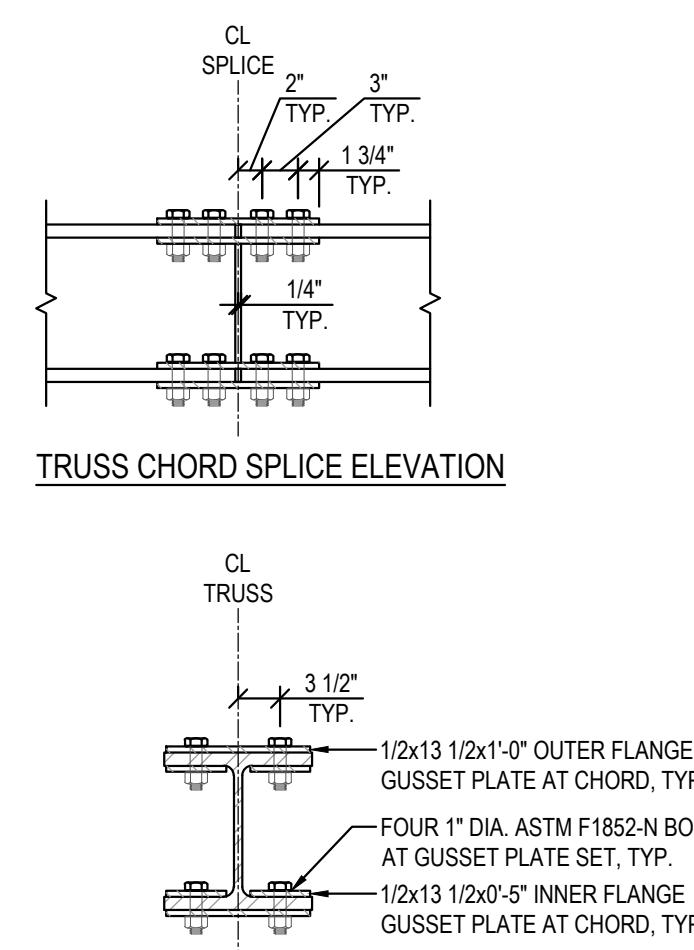




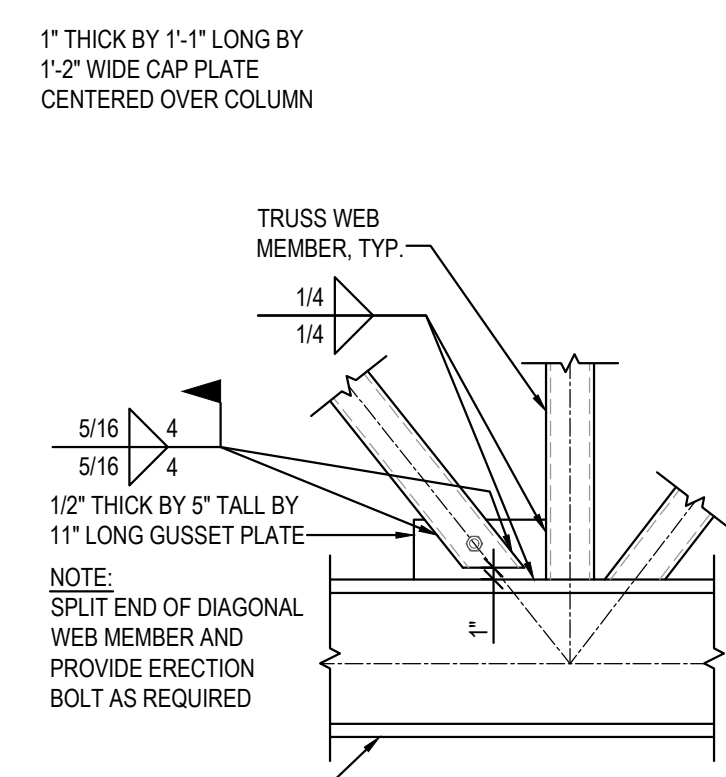
C1 WALKING TRACK TRUSS ELEVATION
SCALE: 1/8" = 1'-0"



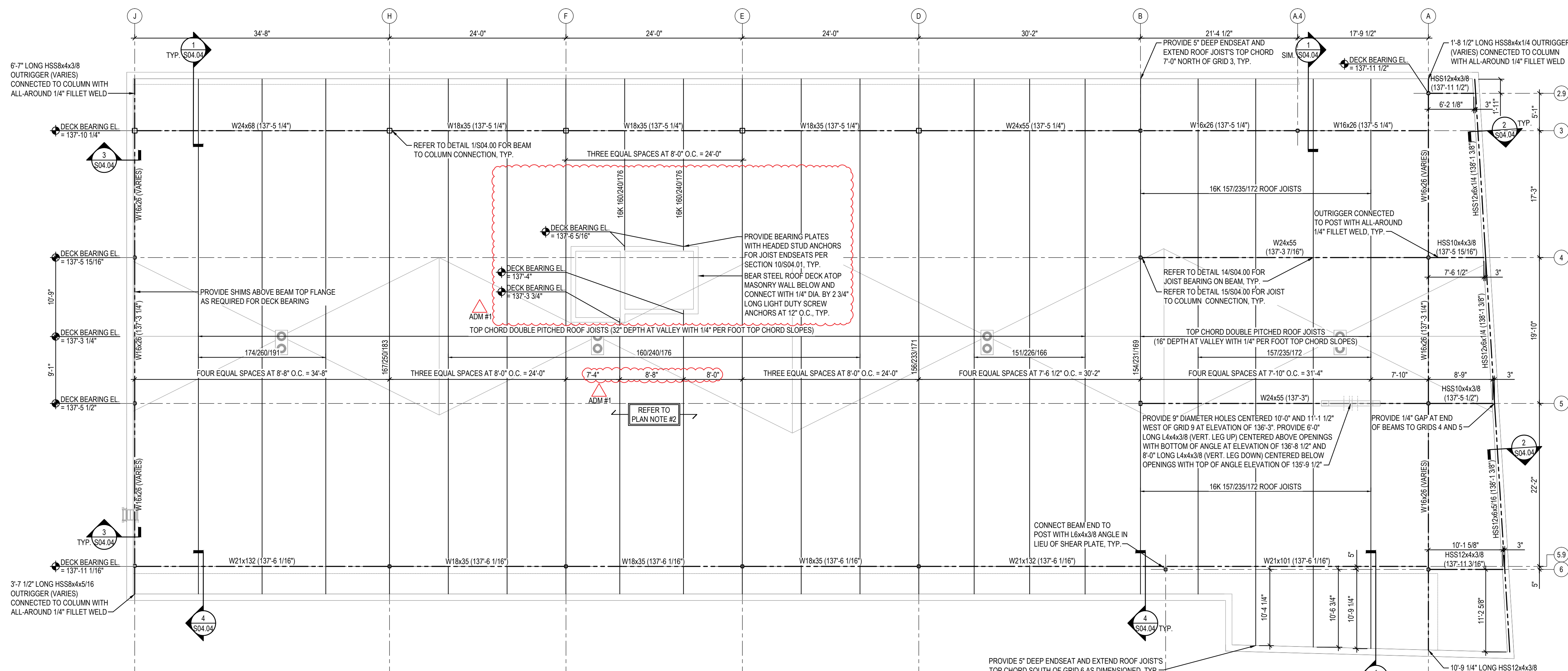
C4 TRUSS TO COLUMN DETAIL
SCALE: 3/4" = 1'-0"



C5 TRUSS SPLICE DETAIL
SCALE: 3/4" = 1'-0"



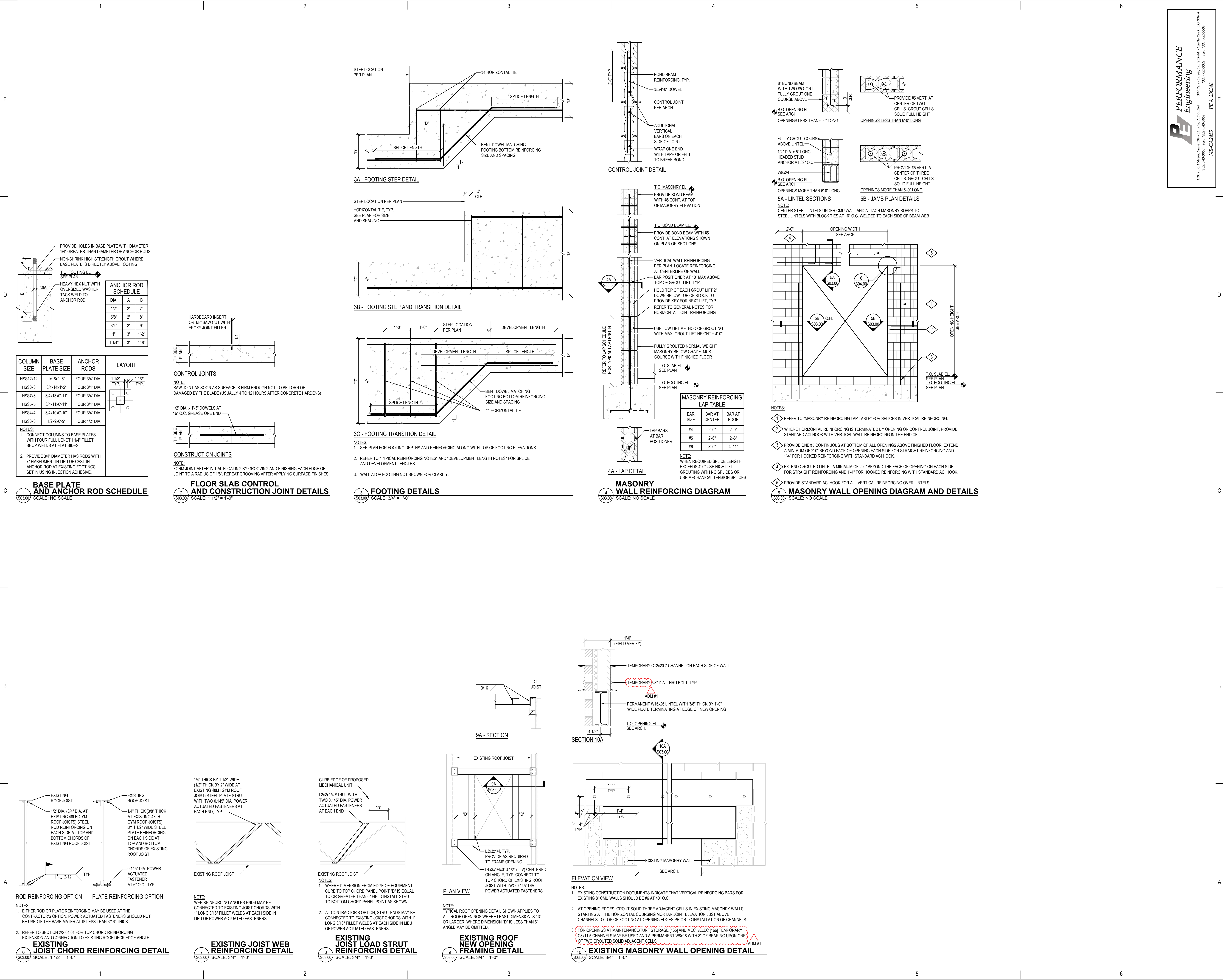
C6 WEB GUSSET PLATE DETAIL
SCALE: 3/4" = 1'-0"



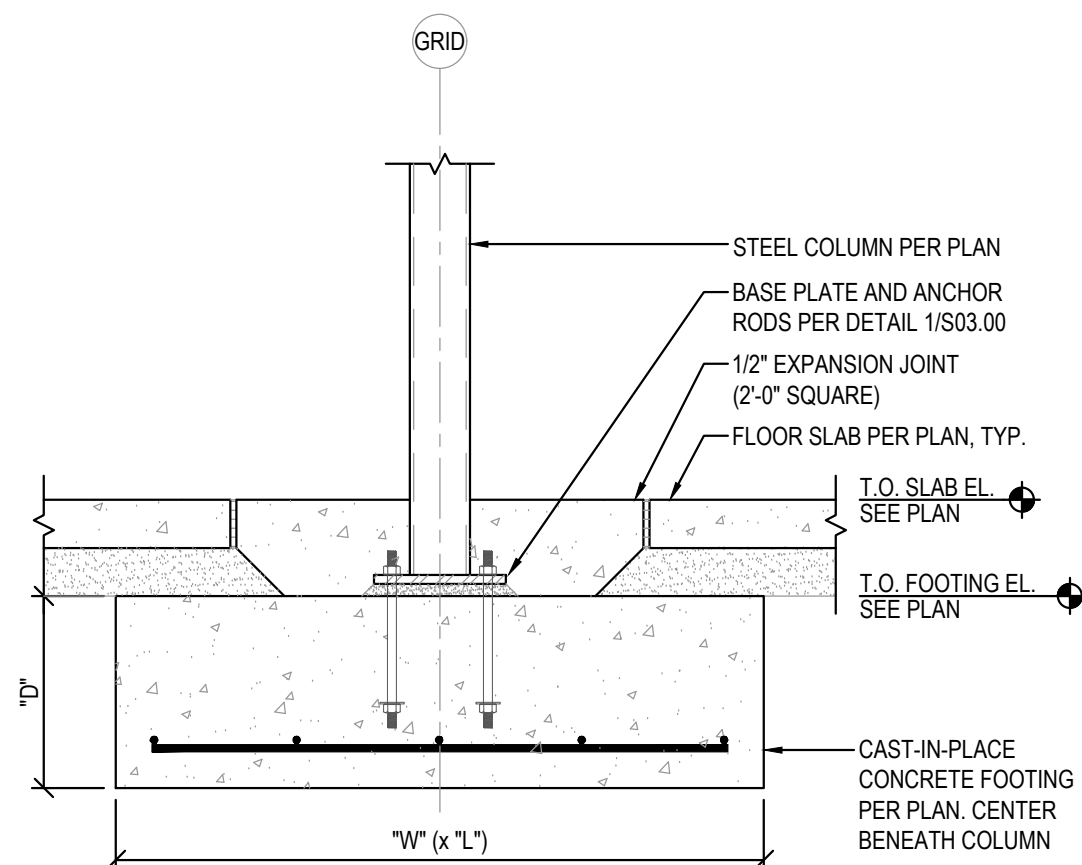
PLAN NOTES:
1. (##F-#) DENOTES TOP OF STEEL ELEVATION; TOP OF STEEL ELEVATION IS 137'-5 1/4" UNLESS NOTED OTHERWISE. FOR SLOPING BEAMS WITH (VARIES) DENOTATION, TOP OF STEEL ELEVATIONS FOR BEAM ENDS AT COLUMN AND COLUMN LOCATIONS ARE TO BE DETERMINED BASED UPON DECK BEARING ELEVATION AND JOIST ENDSEAT DEPTH (IF REQUIRED). LONG FACE OF HSS MEMBERS SHALL BE ORIENTED VERTICALLY.

2. ROOF DIAPHRAGM SHALL BE 3/8-32 22GA. PAINTED STEEL DECK. FASTEN TO STRUCTURE PER GENERAL STRUCTURAL NOTES.

3. UNIFORM GRAVITY LOADS FOR JOIST MEMBERS ARE DENOTED AS ROOF DEAD/ROOF LIVE/FLAT ROOF SNOW LOAD. DESIGN JOISTS SHOWN ON PLAN FOR ADDITIONAL BOTTOM CHORD CONCENTRATED LOADS DUE TO HANGING EQUIPMENT OR TOP CHORD CONCENTRATED LOADS DUE TO ROOFTOP EQUIPMENT. DESIGN ALL JOISTS FOR A NET UPLIFT OF 10 PSF MULTIPLIED BY EACH JOIST'S TRIBUTARY SUPPORT WIDTH BASED UPON JOIST SPACINGS. COORDINATE EXACT LOCATIONS AND LOADS OF ROOFTOP EQUIPMENT WITH ARCHITECTURAL AND MECHANICAL SHEETS. LOCATIONS ARE ESTIMATES ONLY AND SHALL BE COORDINATED WITH FINAL EQUIPMENT LAYOUT PROVIDED BY MECHANICAL CONTRACTOR. REFER TO DETAIL 12/S04.00 FOR FRAMING AT ROOF OPENINGS.

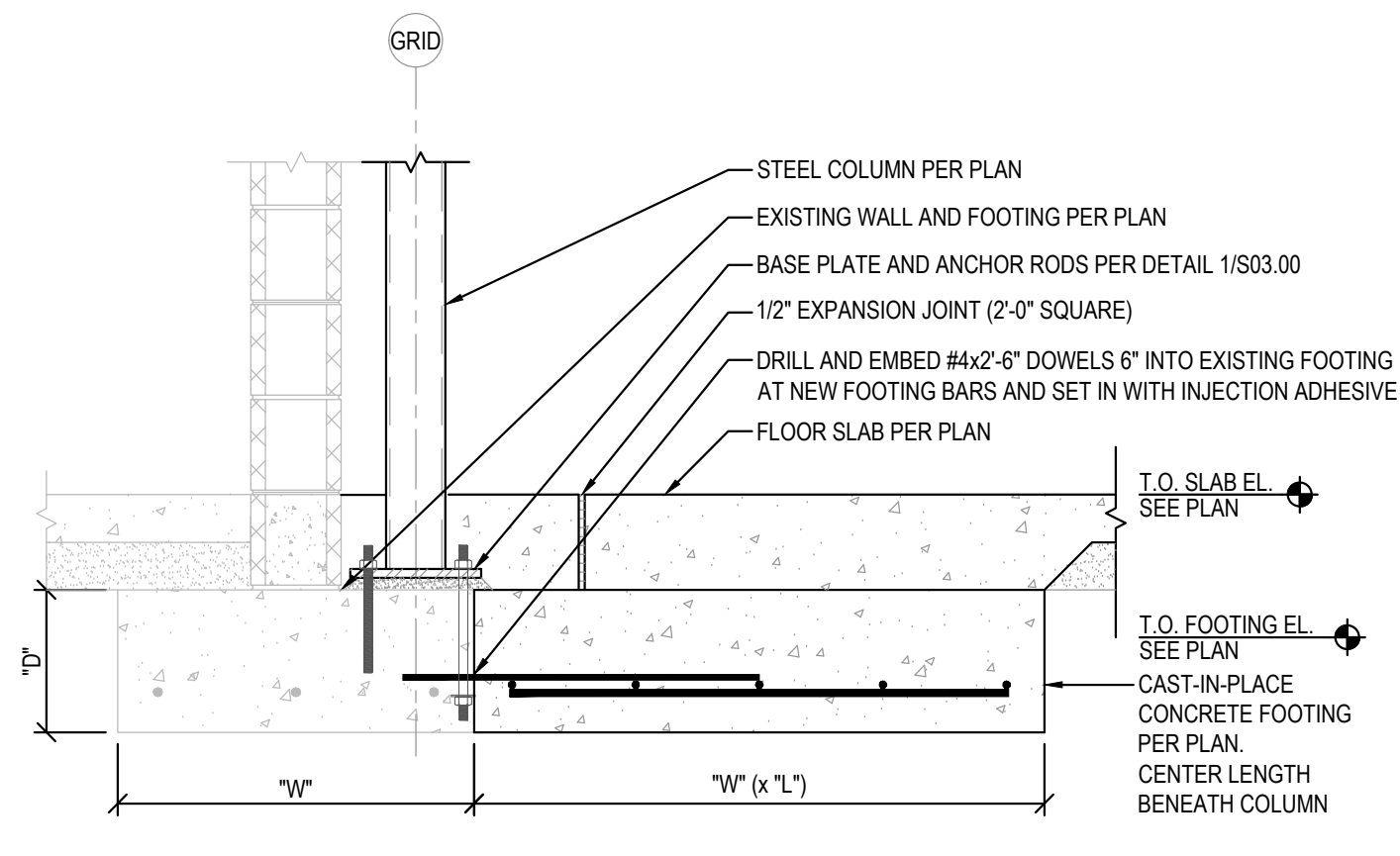


2. VERIFY ALL DIMENSIONS SHOWN WITH ARCHITECTURAL SHEETS

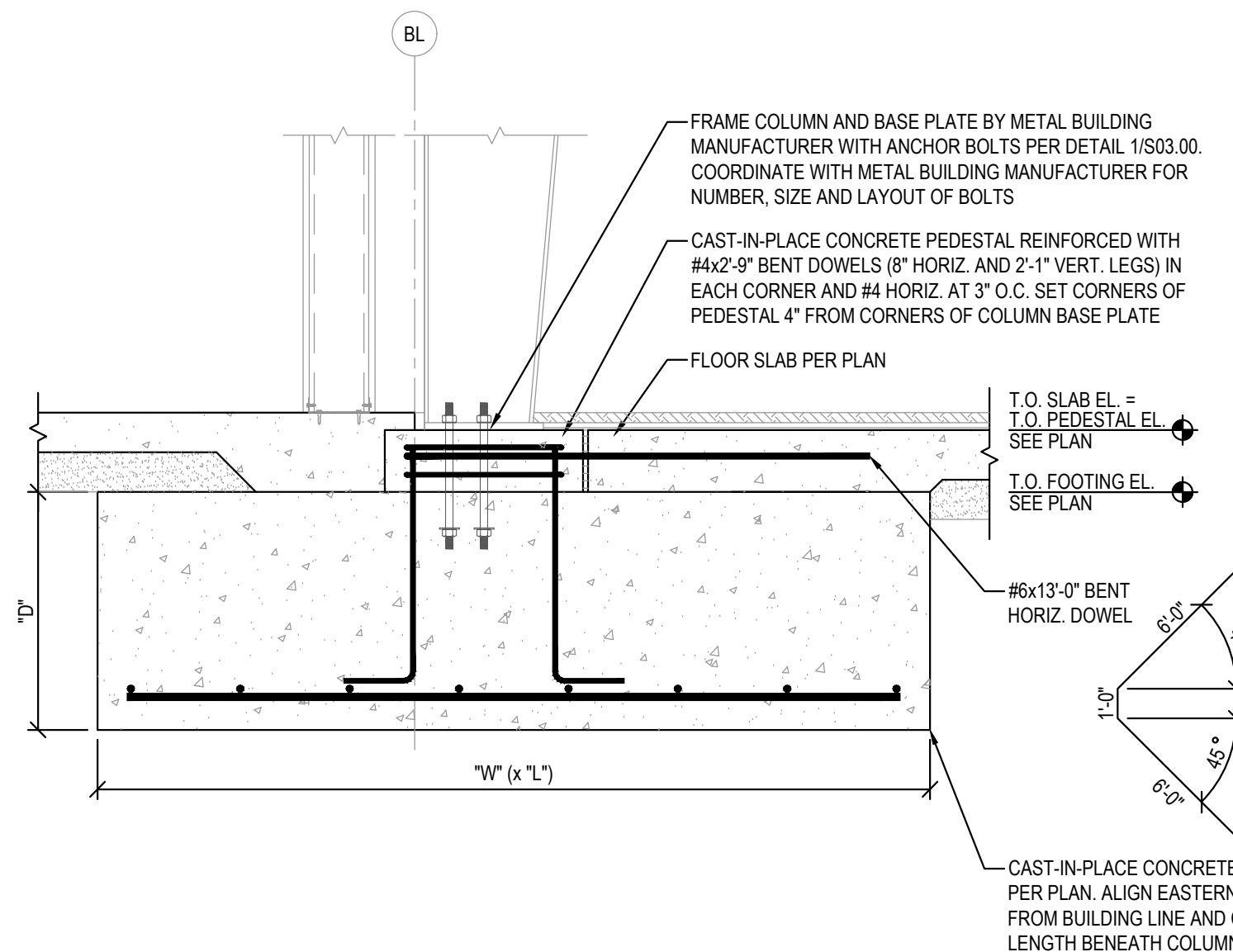


NOTE:
INTERNAL DEMISING STUD WALL NOT SHOWN FOR CLARITY

COLUMN FOOTING SECTION
SCALE: 3/4" = 1'-0"



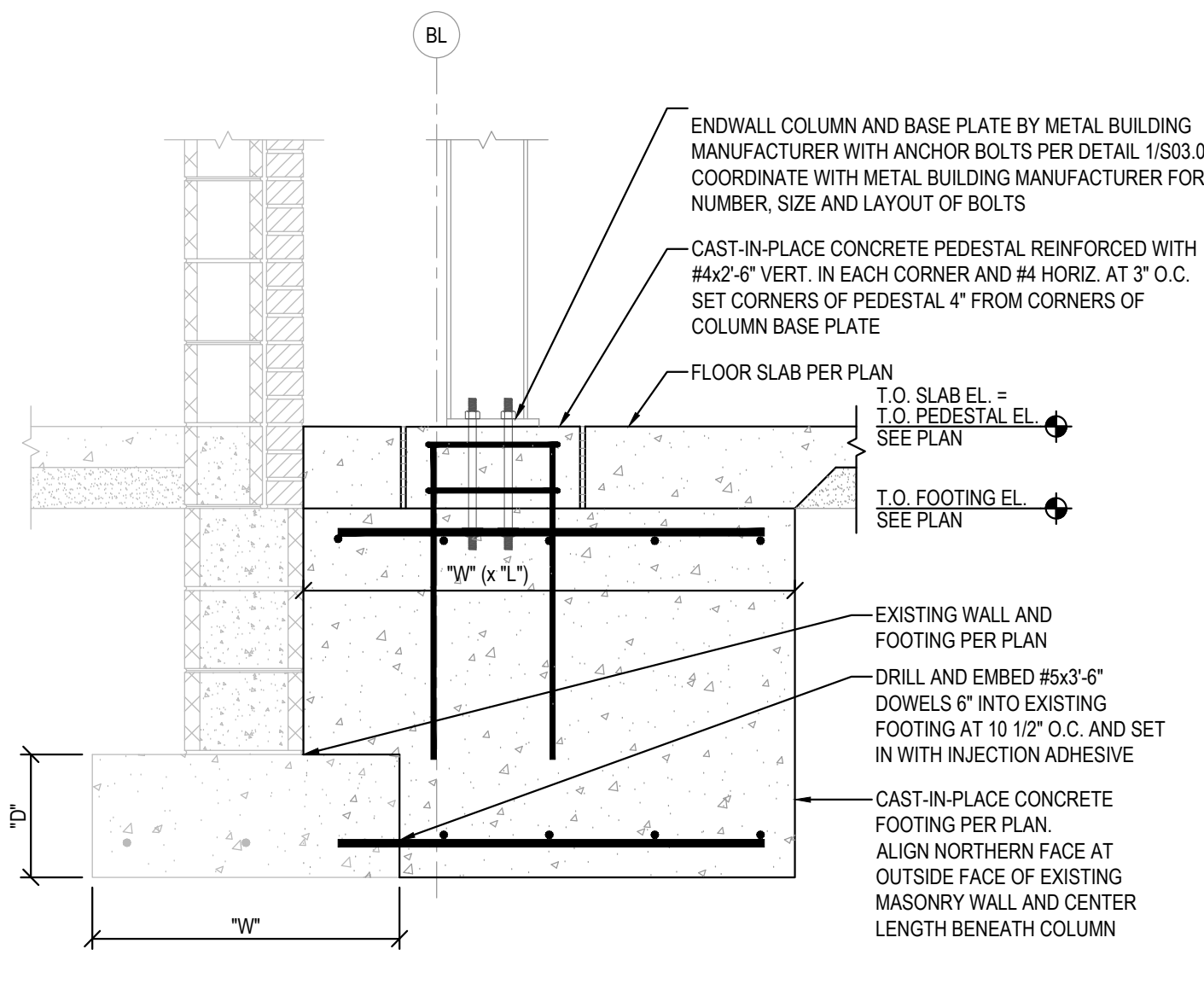
COLUMN FOOTING AT EXISTING SECTION



3
S03.01

FRAME COLUMN FOOTING SECTION

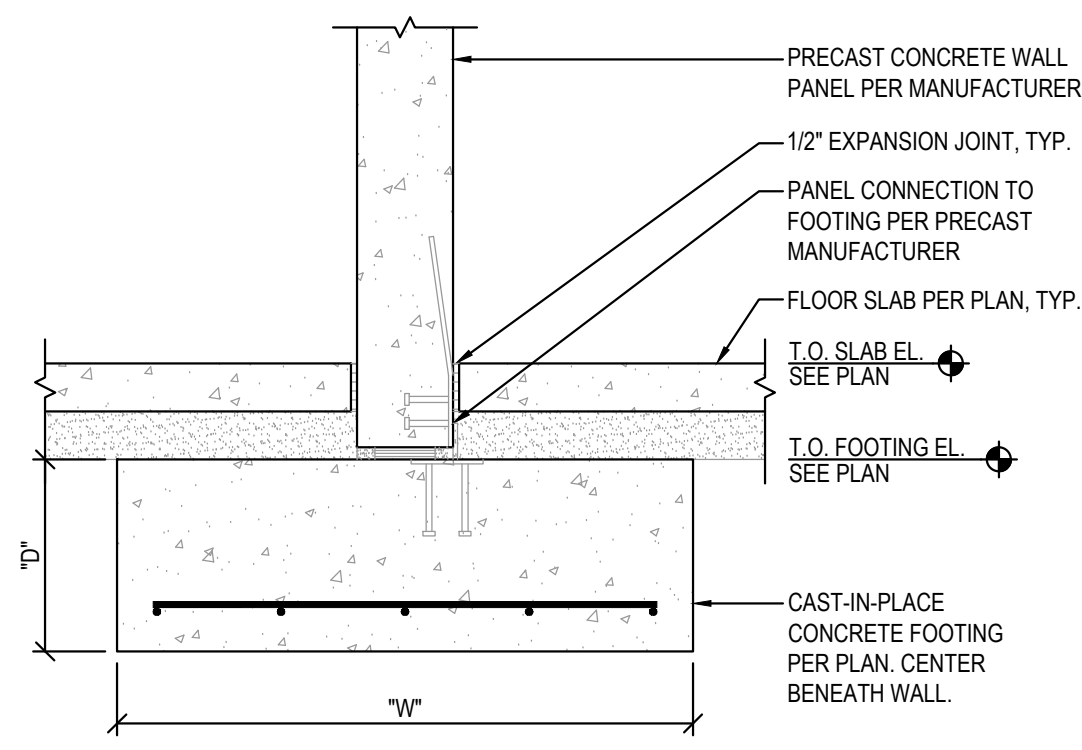
SCALE: 3/4" = 1'-0"



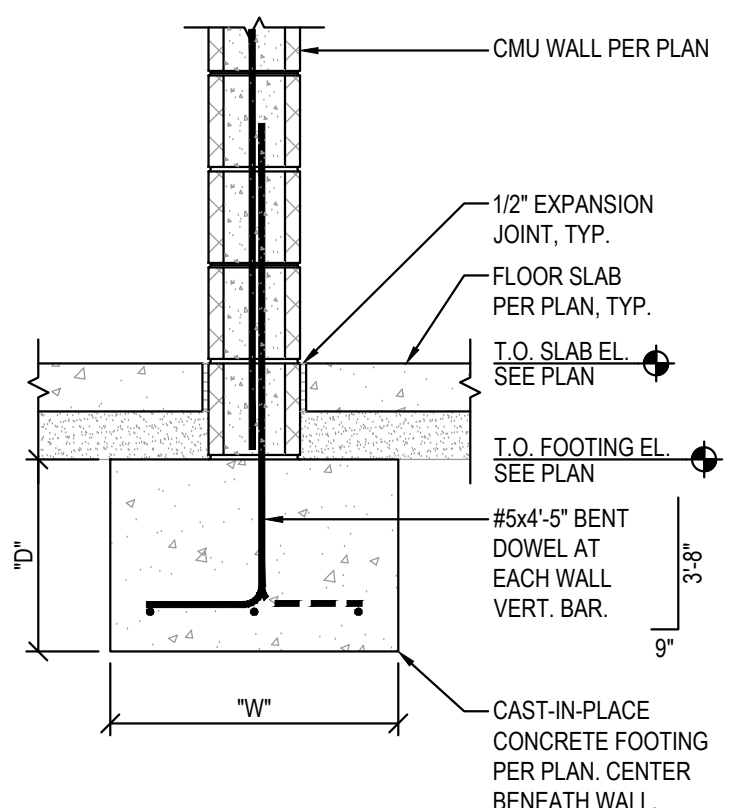
4
S03.01

ENDWALL COLUMN FOOTING SECTION

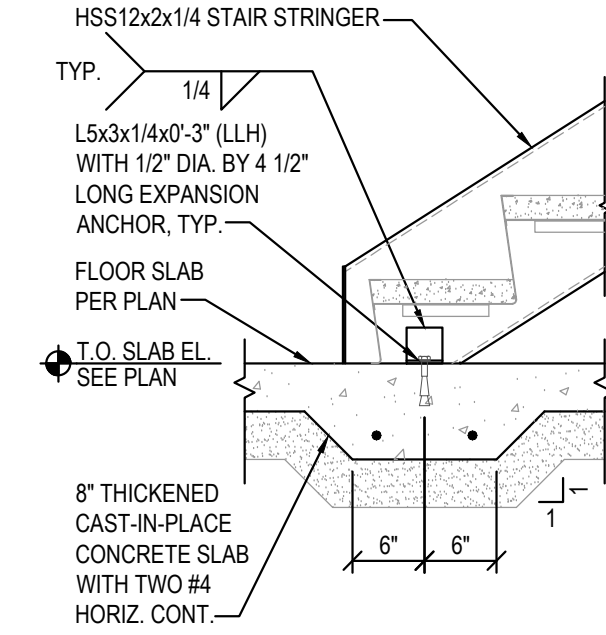
SCALE: 3/4" = 1'-0"



**PRECAST CONCRETE
WALL PANEL FOOTING SECTION**



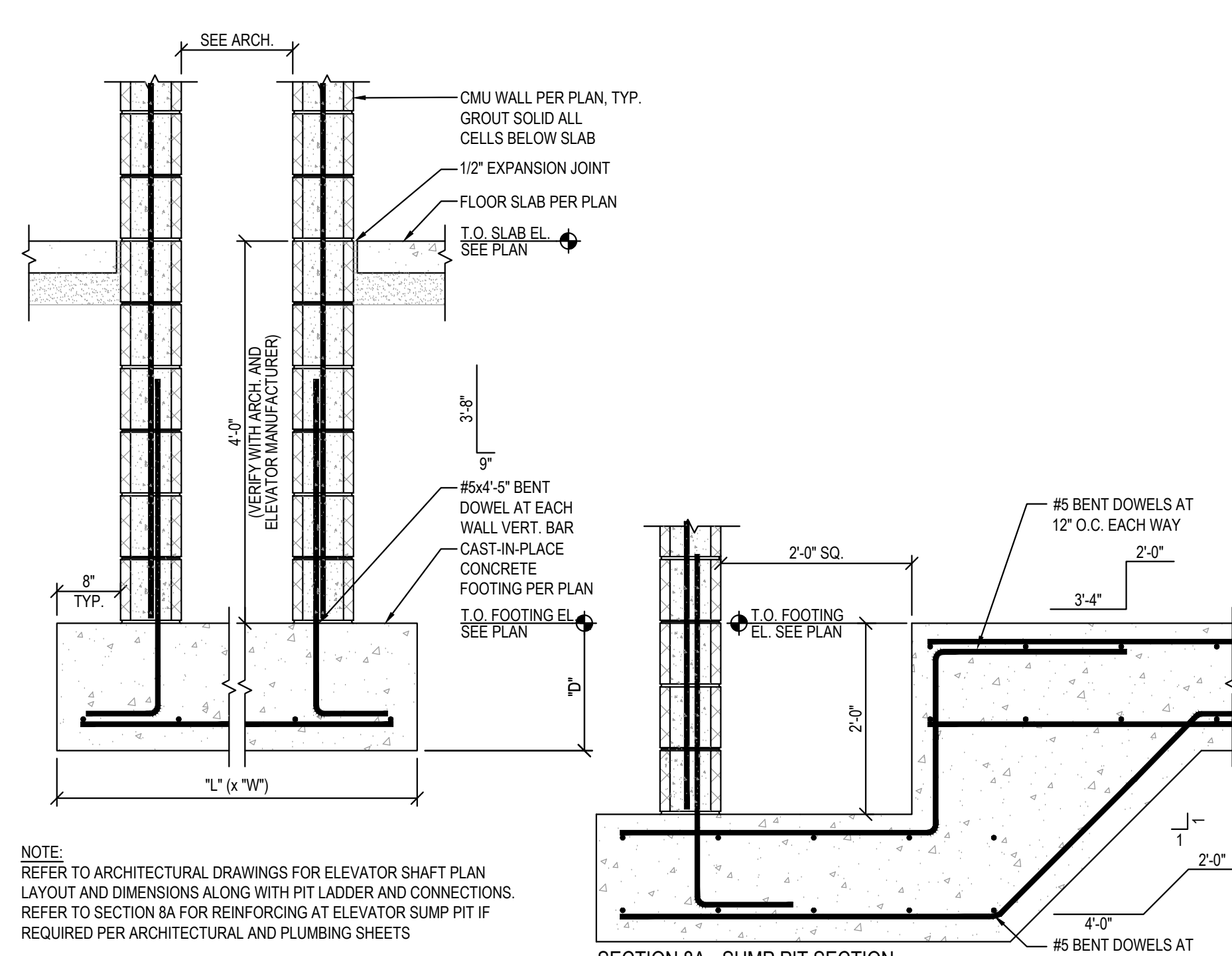
6 CMU WALL FOOTING SECTION
S03.01 SCALE: 3/4" = 1'-0"



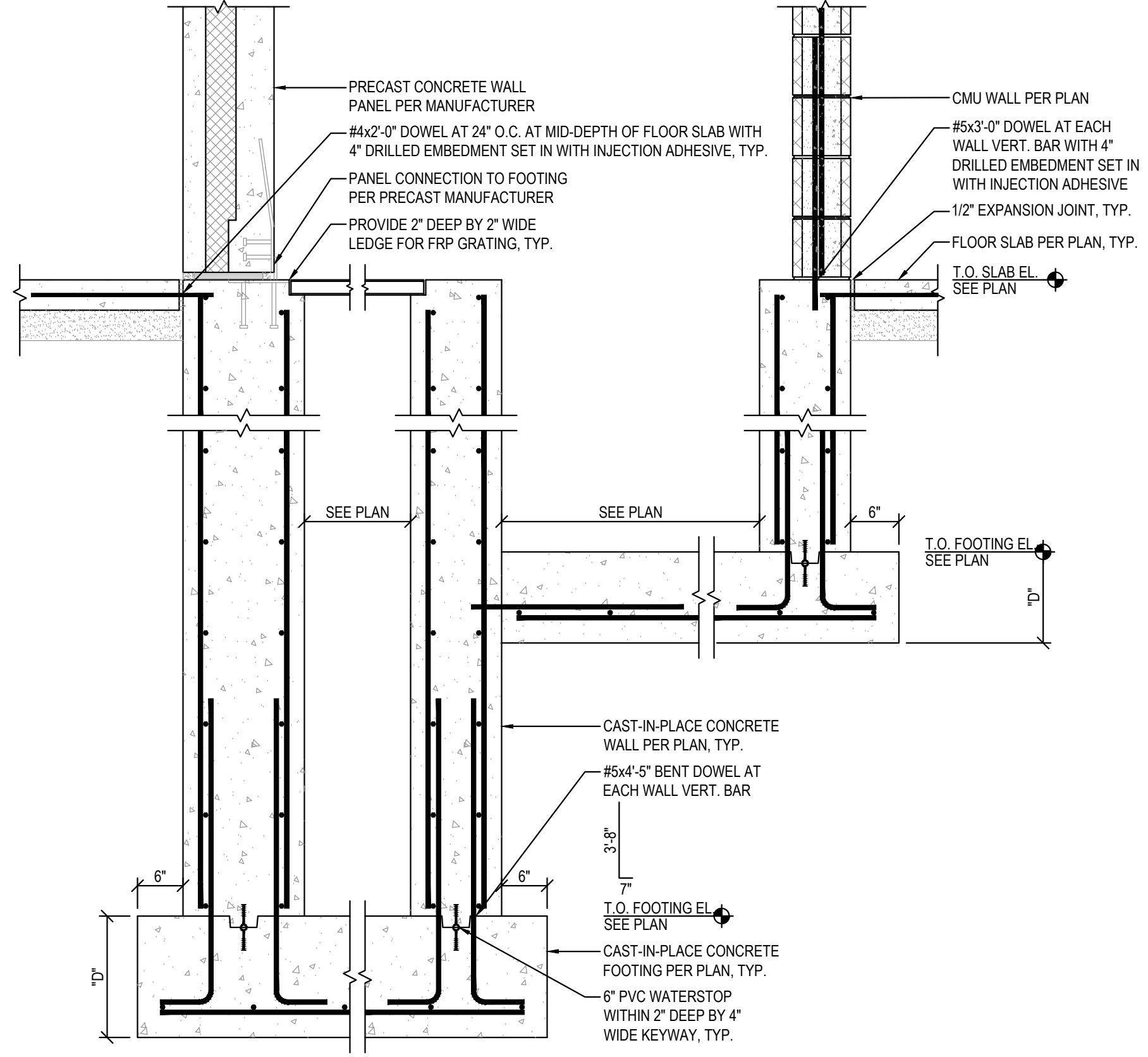
NOTES:

1. COORDINATE LAYOUT, SIZE AND NUMBER OF TREADS, RISERS, STRINGERS AND LANDINGS WITH ARCHITECTURAL SHEETS. PROVIDE 1/4" CAP PLATES WITH FULL SEAL WELD AT STRINGER ENDS AS REQUIRED. HANDRAILS AND POSTS NOT SHOWN FOR CLARITY.
2. GRIND ALL EXPOSED WELDS SMOOTH.
3. EXTEND THICKENED SLAB 8" PAST OUTSIDE FACE OF EACH STRINGER.

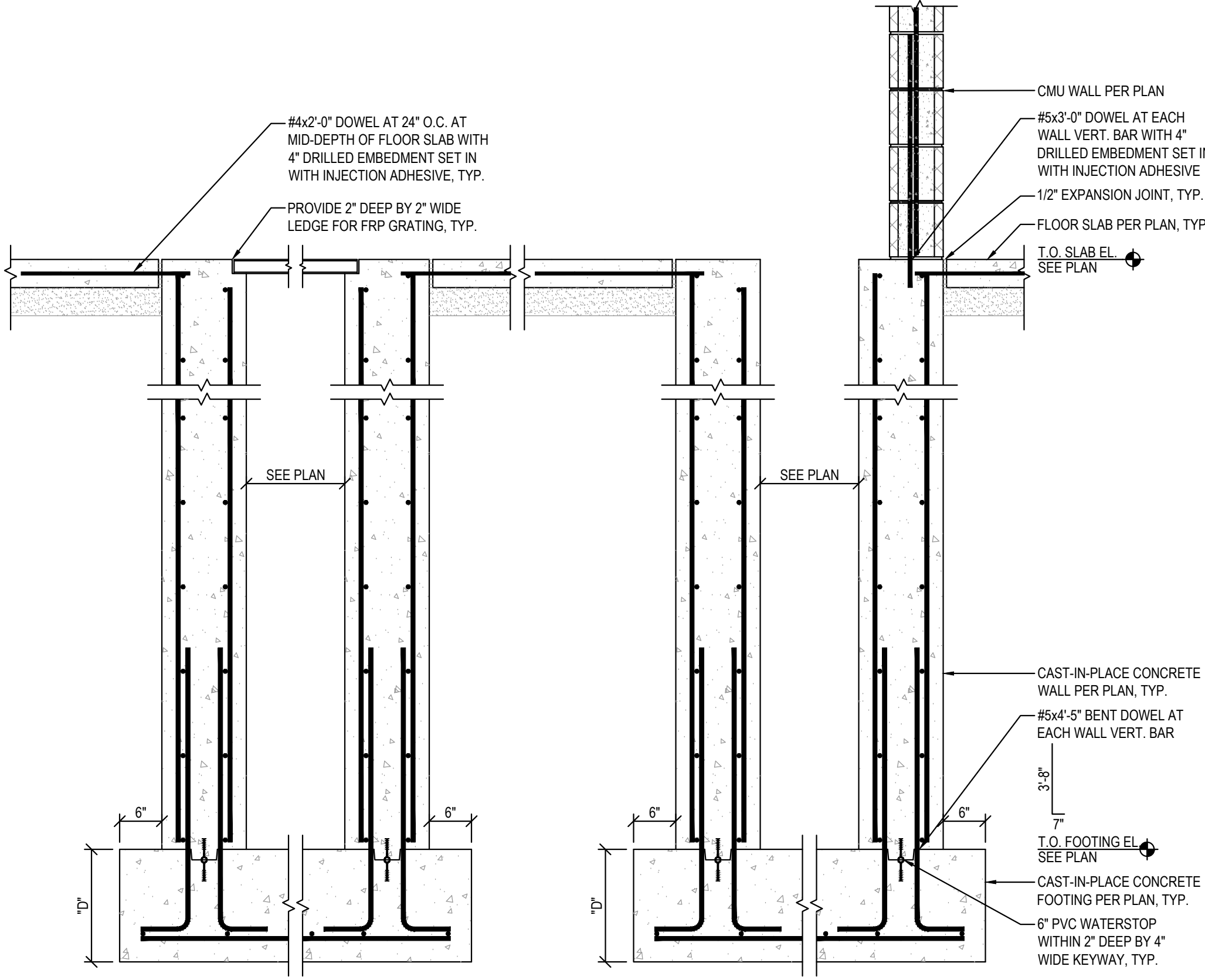
STAIR STRINGER BASE SECTION
7
S03.01 SCALE: 3/4" = 1'-0"



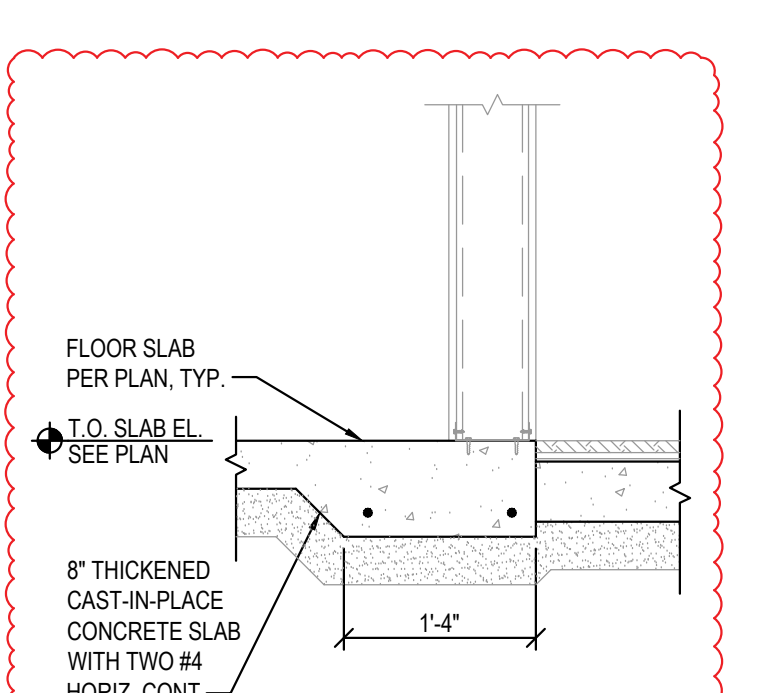
ELEVATOR PIT SECTION
SCALE: 3/4" = 1'-0"



BALANCE TANK AND PUMP PIT SECTION



10 BACKWASH AND BALANCE TANK SECTION
S03.01 SCALE: 3/4" = 1'-0"



**FLOOR SLAB
TRANSITION SECTION**

PE **PERFORMANCE**
Engineering

11851 Fort Street, Suite 104 - Omaha, NE 68164
(402) 345-5860 Fax: (402) 345-3661

399 Perry Street, Suite 204A - Castle Rock, CO 80104
(303) 721-3322 Fax: (303) 721-9504

PE # 2306348
NE-CA2455

CONSTRUCTION DOCUMENTS

ARCHITECT
RDG Planning & Design
301 Grand Avenue
Des Moines, Iowa 50309
Phone: (515) 288-3141

ASSOC. ARCHITECT
Joseph R. Hewgley & Assoc. Inc.
702 South Bailey
North Platte, Nebraska 69101
Phone: 308-534-4983

ASSOC. ARCHITECT
CGO
319 E. Francis, Suite 101
North Platte, Nebraska 69101
Phone: 308-532-0412

ASSOC. ARCHITECT
LeeDavies Architecture
2129 Birchwood Road
North Platte, Nebraska 69101
Phone: 308-530-9138

CIVIL
 CTC Engineering, Inc.
 One South Sycamore Street
 North Platte, Nebraska 69101
 Phone: 308-534-9245

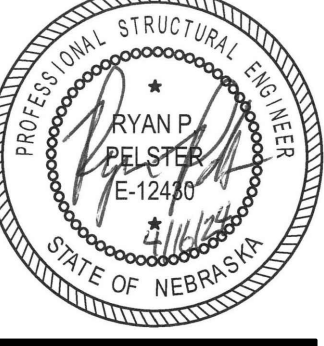
AV / IT / SECURITY
 Engineering Technologies, Inc.
 1101 North 13th Street
 Omaha, Nebraska 68102
 Phone: 402-390-2772

STRUCTURAL
Performance Engineering
11811 Fort Street, Suite 104
Omaha, Nebraska 68164
Phone: 402-343-3950

LIGHTING
R/G Planning & Design
301 Grand Avenue
Des Moines, Iowa 50309
Phone: 515-288-3141

MECH/ELEC/PLUMB
Engineering Technologies, Inc.
1101 North 13th Street
Omaha, Nebraska 68102
Phone: 402-330-2772

LANDSCAPE
RDG Planning & Design
301 Grand Avenue
Des Moines, Iowa 50309
Phone: 515-288-3141



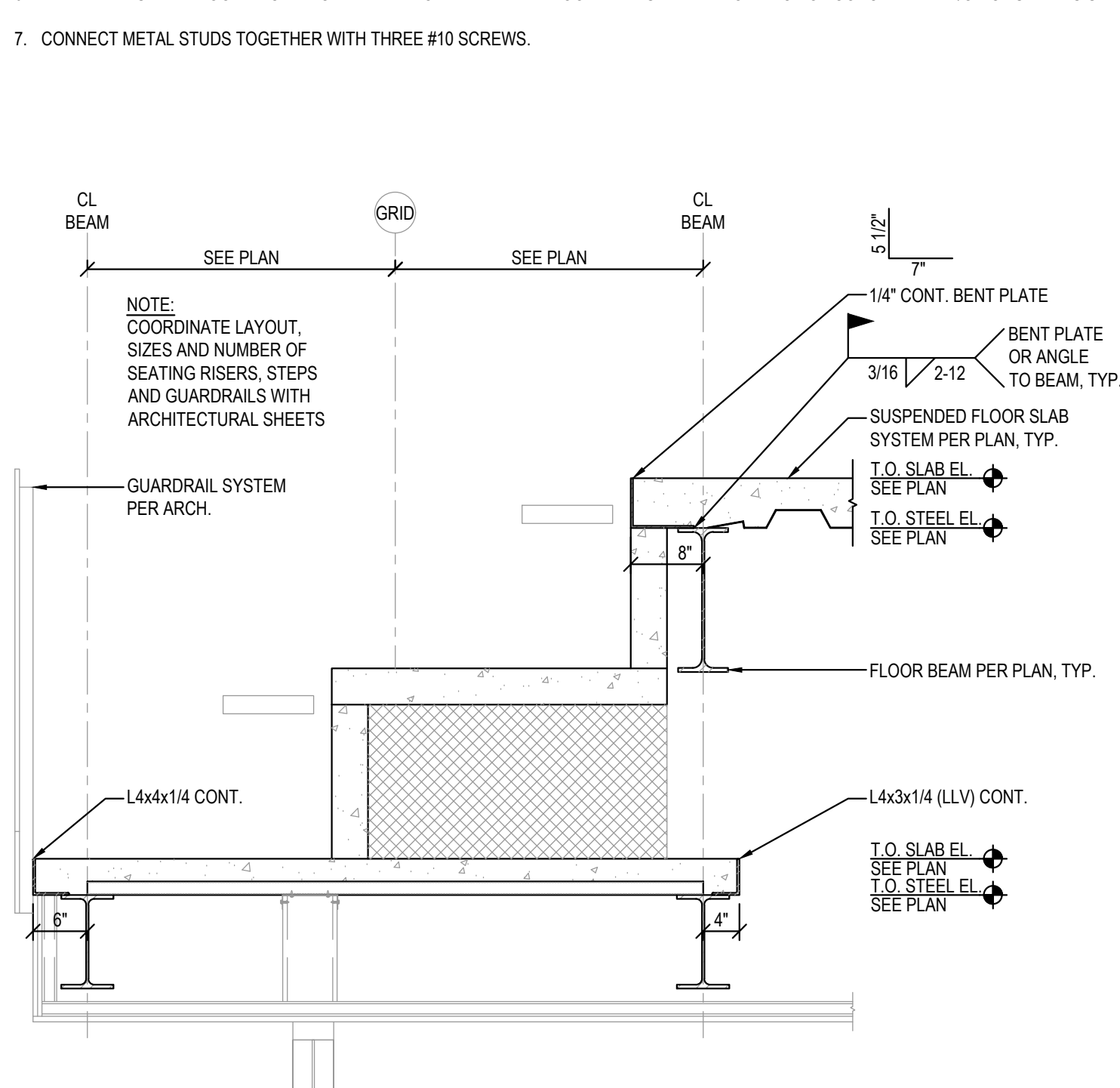
1300 MCDONALD RD.
NORTH PLATTE, NE 69101
CITY OF NORTH PLATTE, NE

RECREATION CENTER ADDITION & RENOVATION

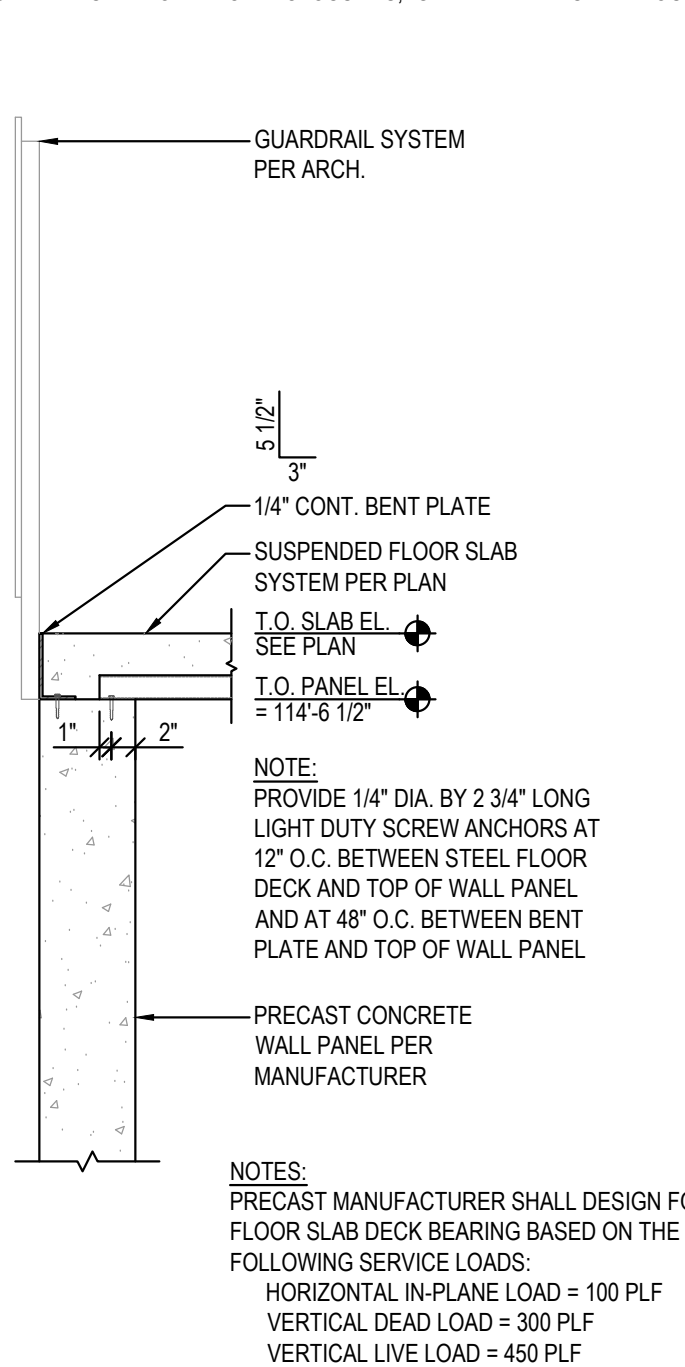
INTERIOR FOUNDATION SECTIONS

S03.01

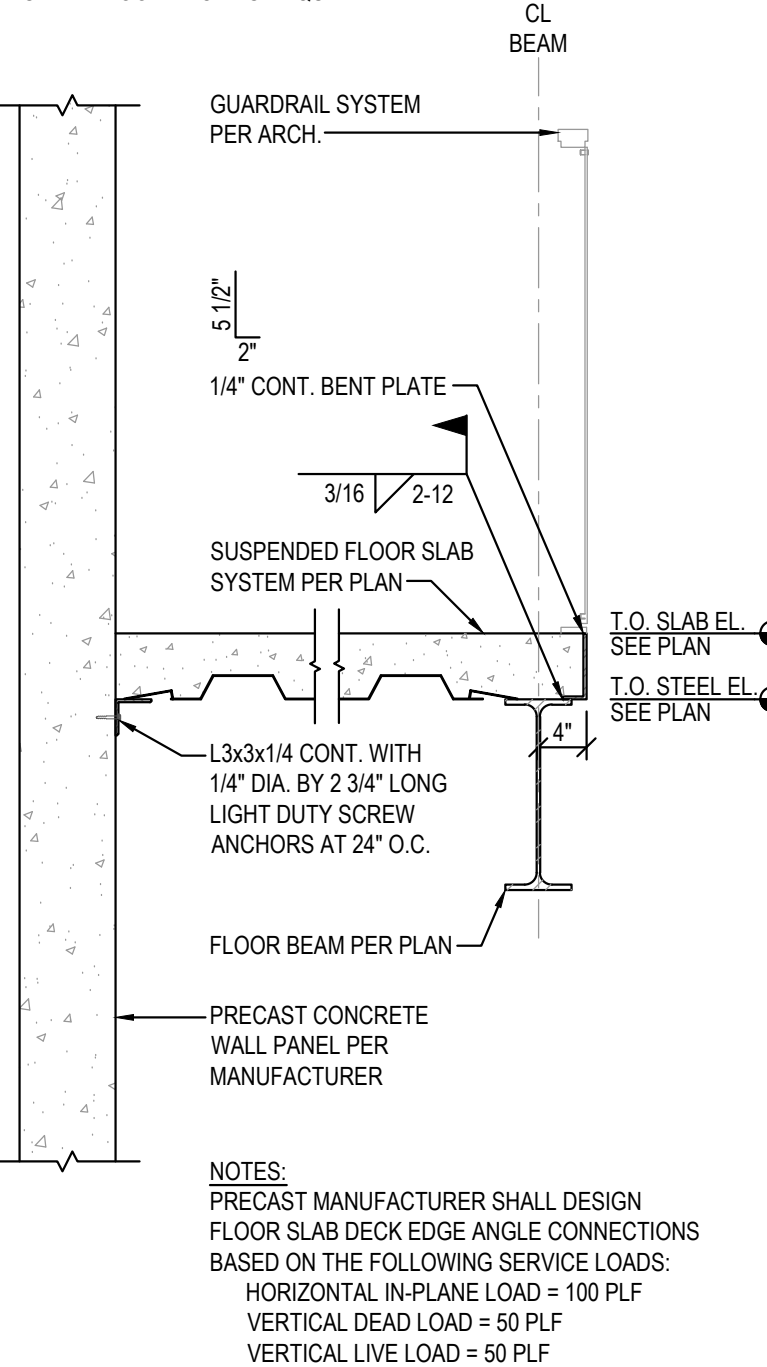
- SHEET NOTES:**
1. FINISH MATERIALS NOT NOTED AND SOME NOT SHOWN FOR CLARITY. REFER TO ARCHITECTURAL SHEETS FOR INFORMATION ON FINISH MATERIALS.
 2. VERIFY ALL DIMENSIONS SHOWN WITH ARCHITECTURAL SHEETS.
 3. REFER TO GENERAL NOTES FOR FLOOR DIAPHRAGM CONNECTIONS TO STRUCTURE.
 4. PROVIDE 1 1/4" DEEP TRACKS (2 1/2" DEEP SLOTTED DEFLECTION TRACKS BENEATH BEAMS WITH 1" GAP BETWEEN TOP OF METAL STUDS AND BOTTOM OF BEAMS) AT ENDS OF METAL STUDS MATCHING STUD WIDTH AND GAUGE. CONNECT TRACKS TO STRUCTURAL STEEL ELEMENTS WITH TWO 1/5" DIA. POWER ACTUATED FASTENERS AT 32" O.C. TO FLOOR SLABS WITH TWO 1/4" DIA. BY 2 3/4" LONG LIGHT DUTY SCREW ANCHORS AT 32" O.C. AND TO METAL STUDS' FLANGES WITH #10 SCREWS.
 5. PROVIDE 4 1/2" TALL L3 1/2x1 1/2x1/4 GA. FIXED CLIP WITH FOUR #12 SCREWS INTO EACH FLOOR EDGE BYPASS STUD AND TWO 1/5" DIA. POWER ACTUATED FASTENERS INTO FLOOR EDGE BENT PLATE.
 6. TERMINATE STEEL FLOOR DECK AT CENTERLINE OF PERIMETER FLOOR BEAMS AND 1" FROM FACE OF CONCRETE AND/OR CMU WALLS UNLESS NOTED OTHERWISE. PROVIDE CELL CLOSURES, GIRDER FILLERS AND POUR STOPS FOR STEEL FLOOR DECK AS REQUIRED.
 7. CONNECT METAL STUDS TOGETHER WITH THREE #10 SCREWS.



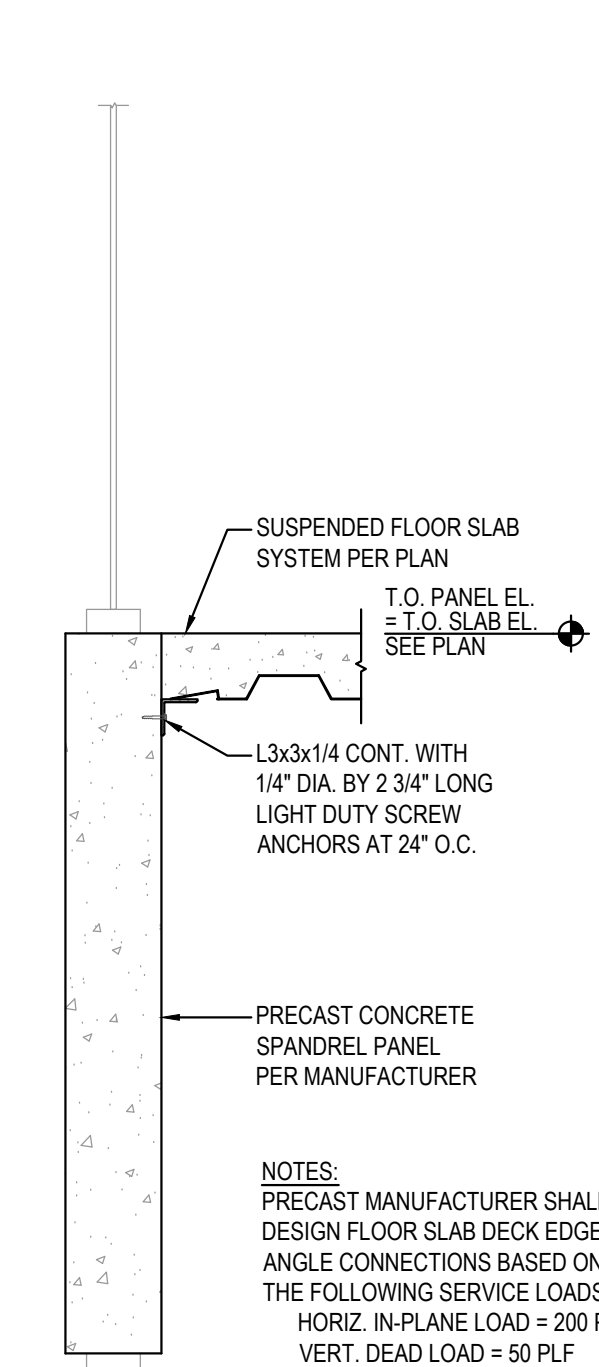
1 NATATORIUM SPECTATOR SEATING FLOOR SECTION
SCALE: 3/4" = 1'-0"



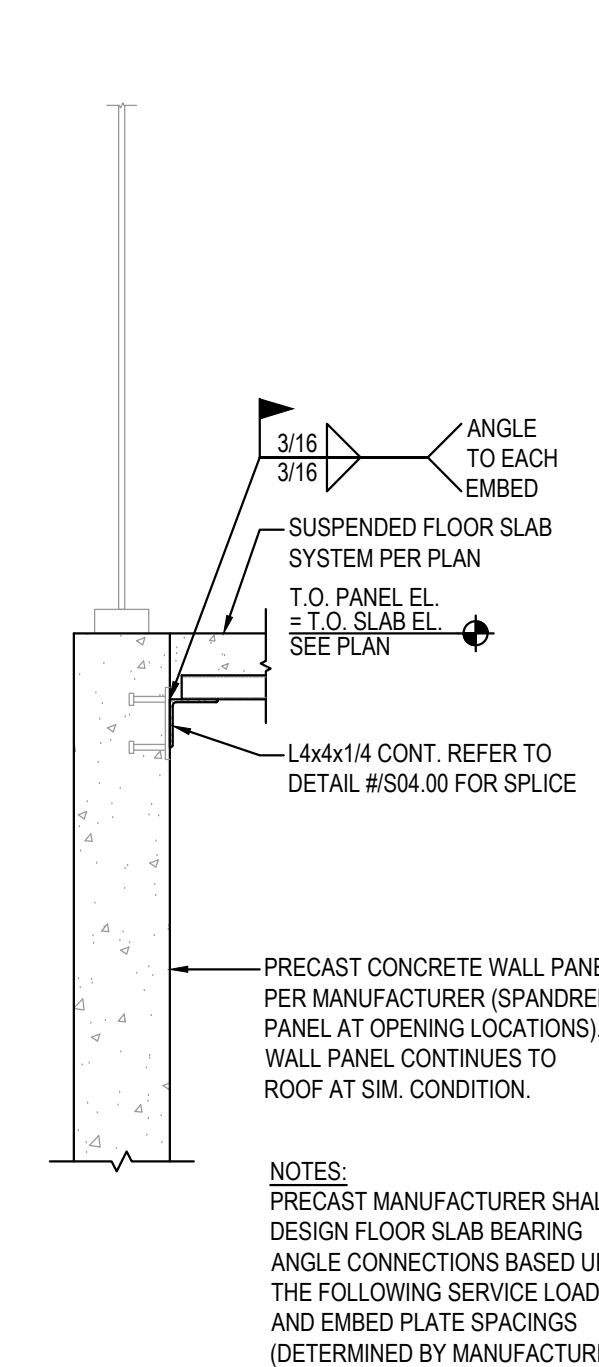
2 FLOOR BEARING SECTION AT WALL PANEL
SCALE: 3/4" = 1'-0"



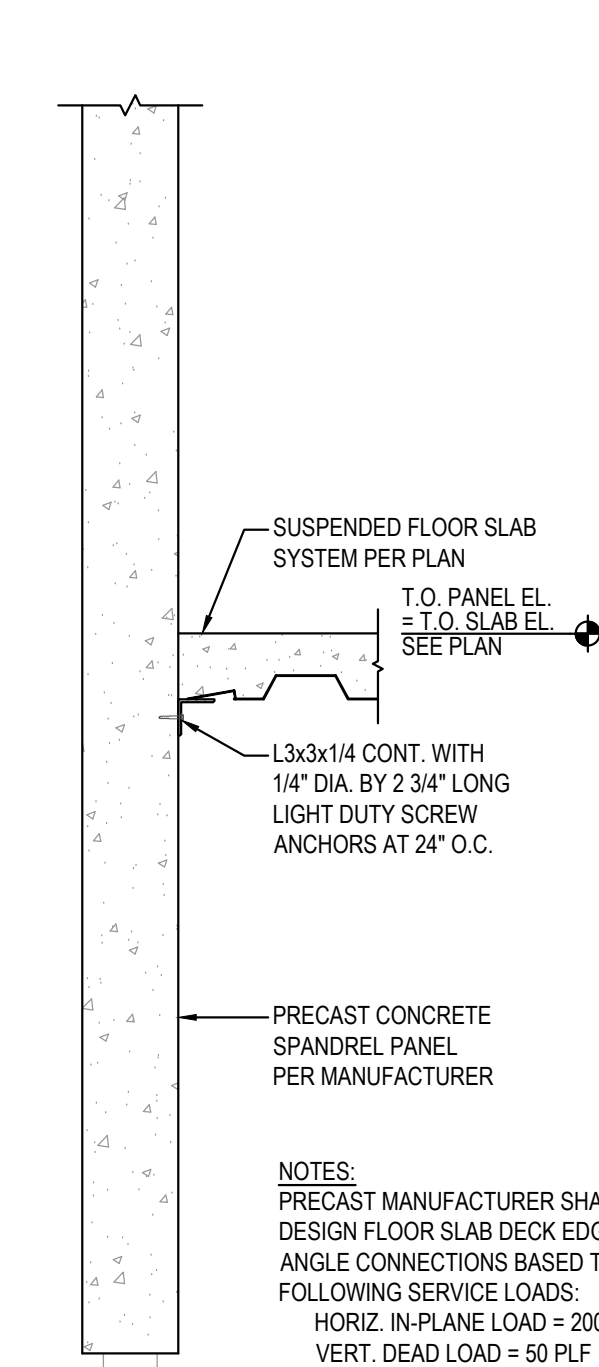
3 STAIR 2 FLOOR SECTION
SCALE: 3/4" = 1'-0"



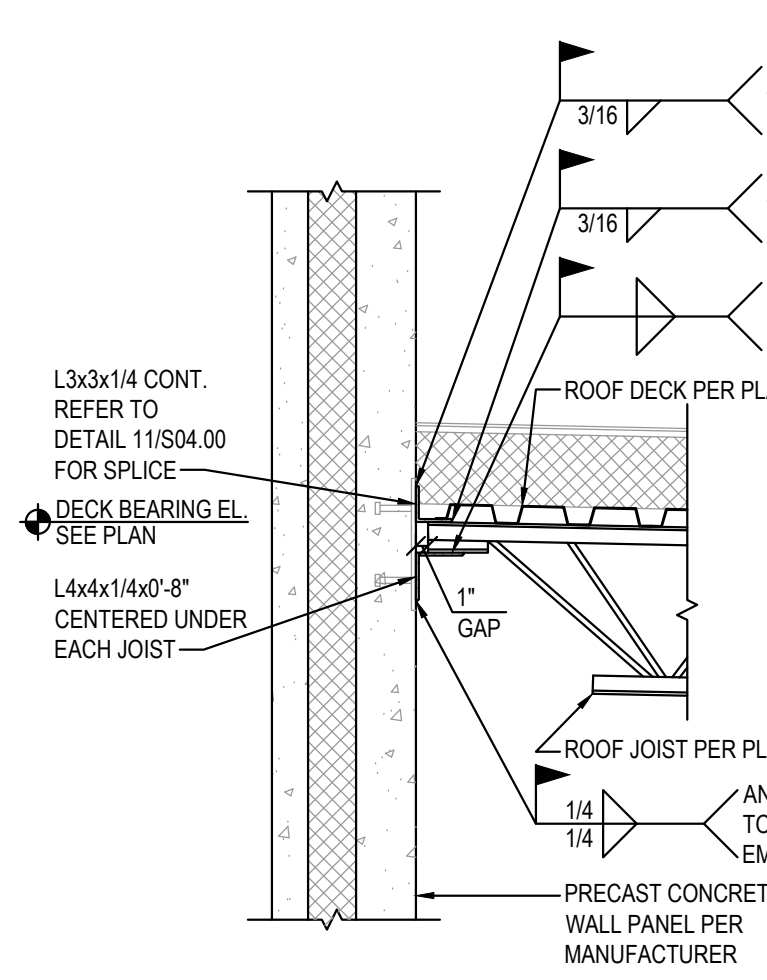
4 FLOOR EDGE SECTION AT SHORT SPANDREL
SCALE: 3/4" = 1'-0"



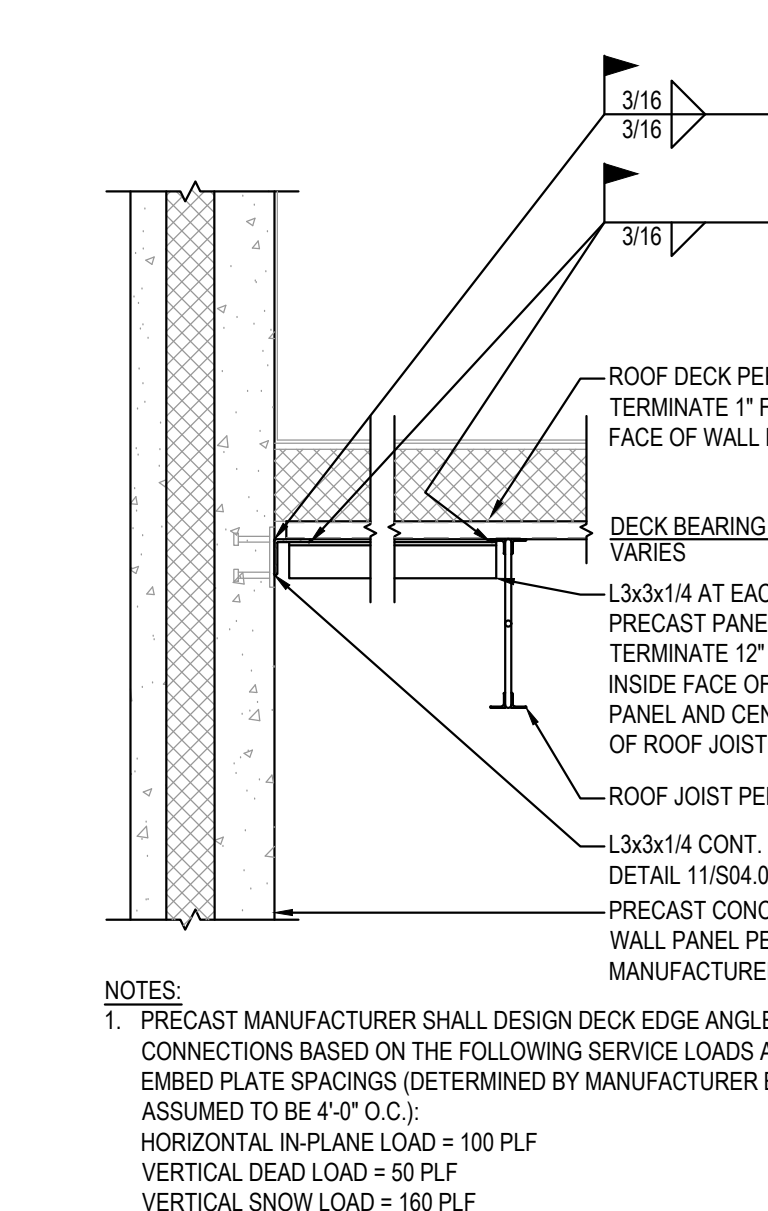
5 WALKING TRACK FLOOR EDGE SECTION
SCALE: 3/4" = 1'-0"



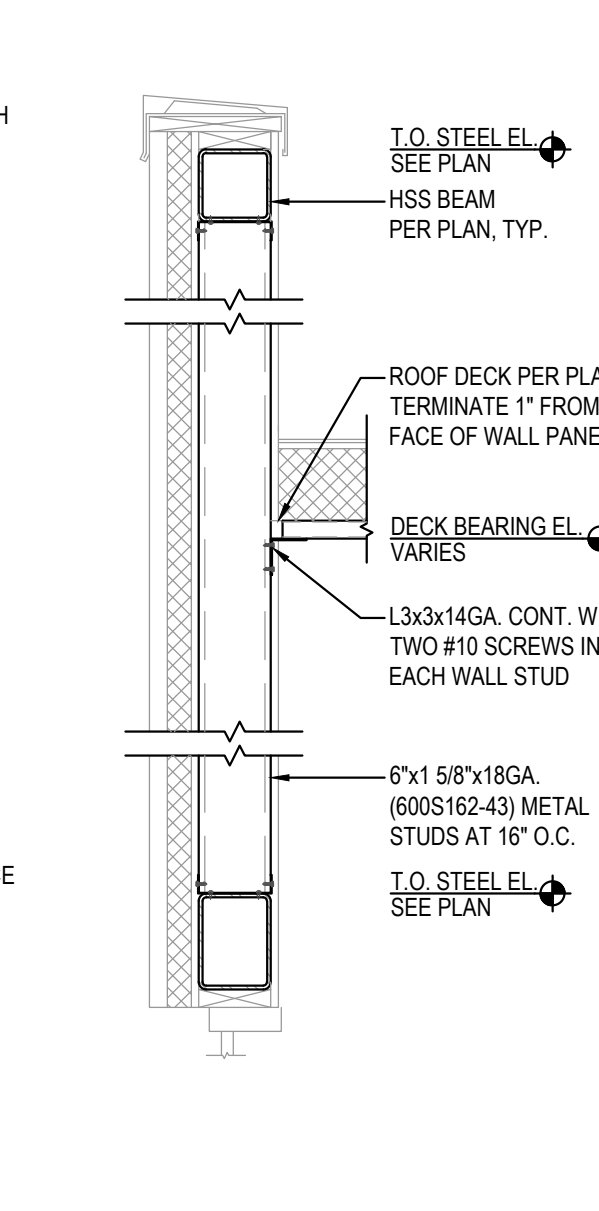
6 FLOOR EDGE SECTION AT TALL SPANDREL
SCALE: 3/4" = 1'-0"



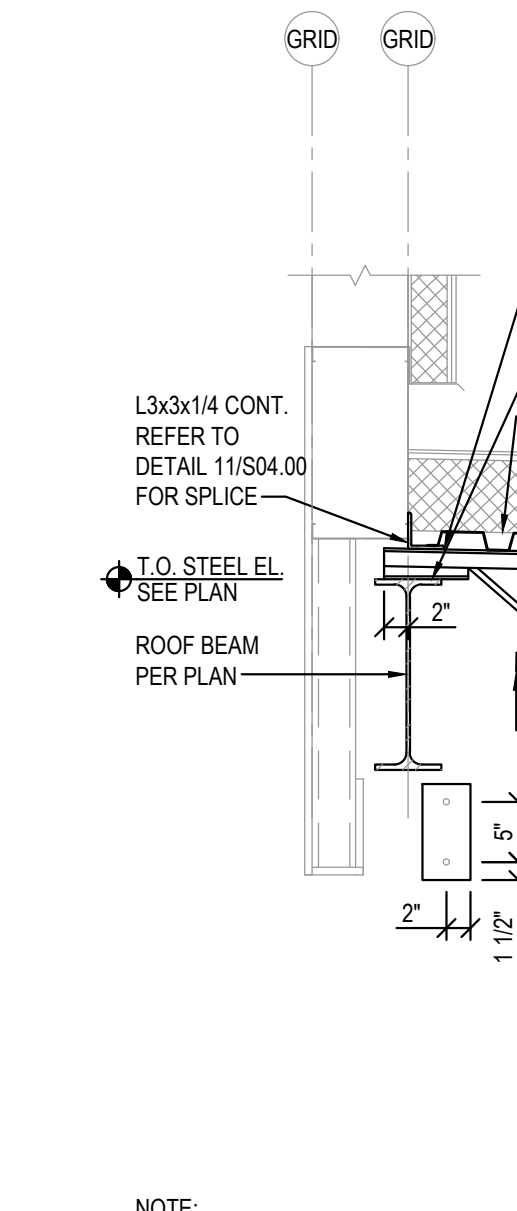
7 LOW ROOF SECTION AT NATATORIUM WALL PANEL
SCALE: 3/4" = 1'-0"



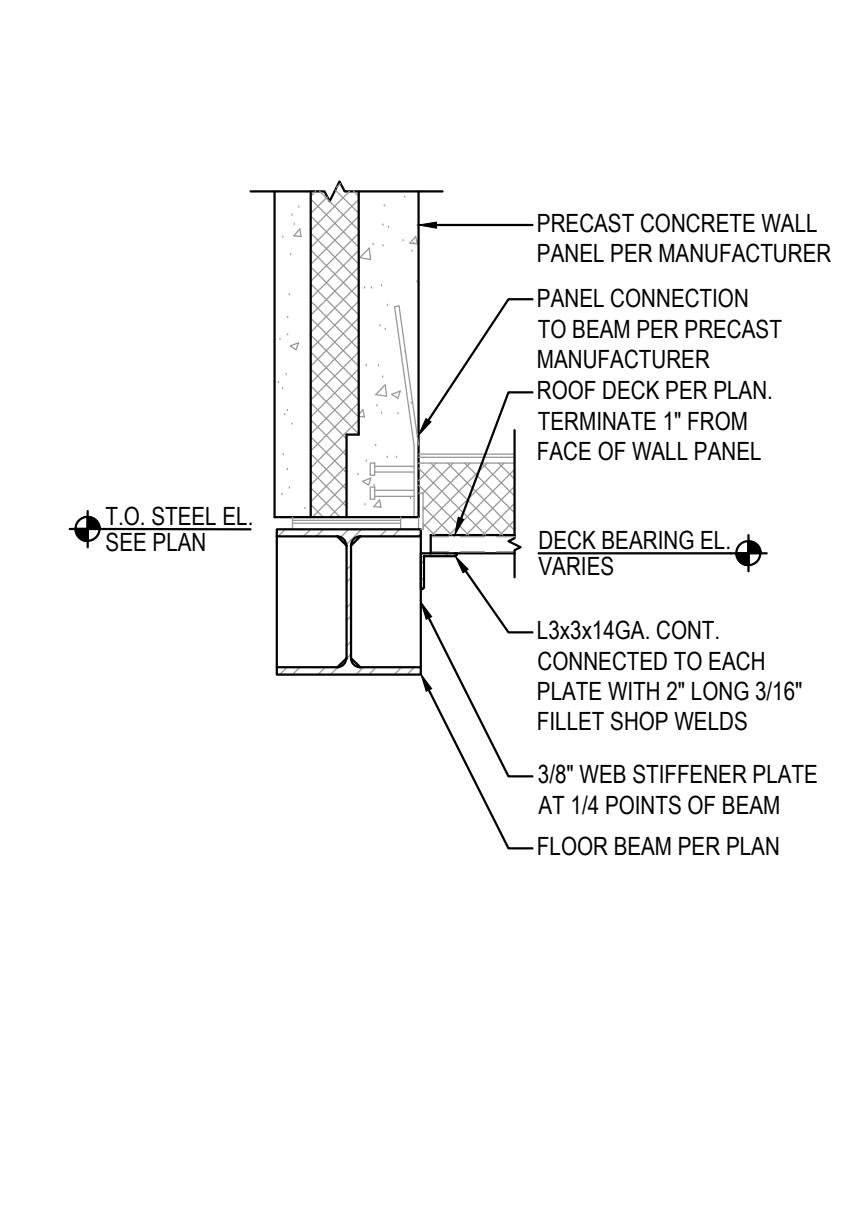
8 LOW ROOF SECTION AT WALL PANEL
SCALE: 3/4" = 1'-0"



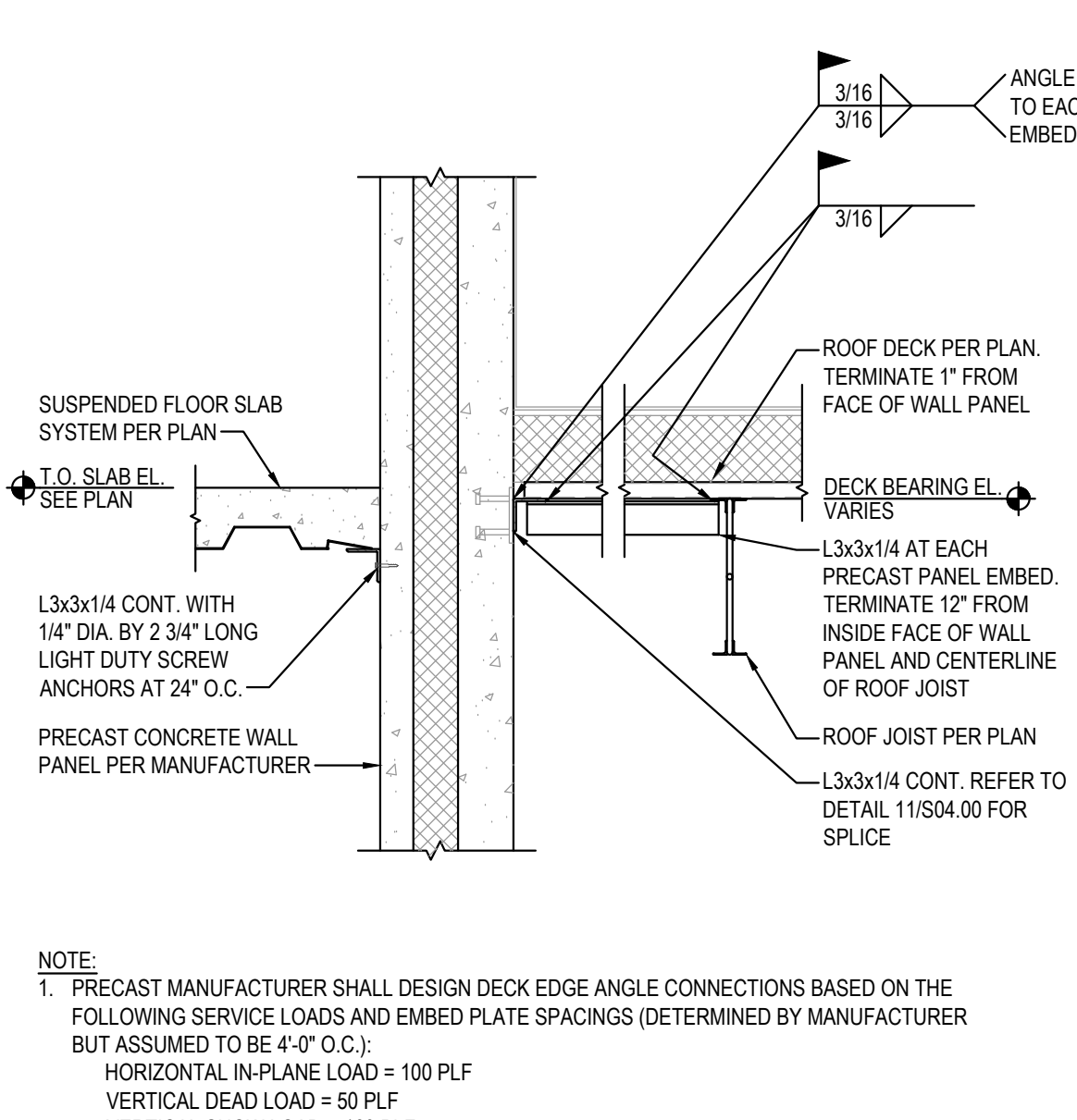
9 LOW ROOF SECTION
SCALE: 3/4" = 1'-0"



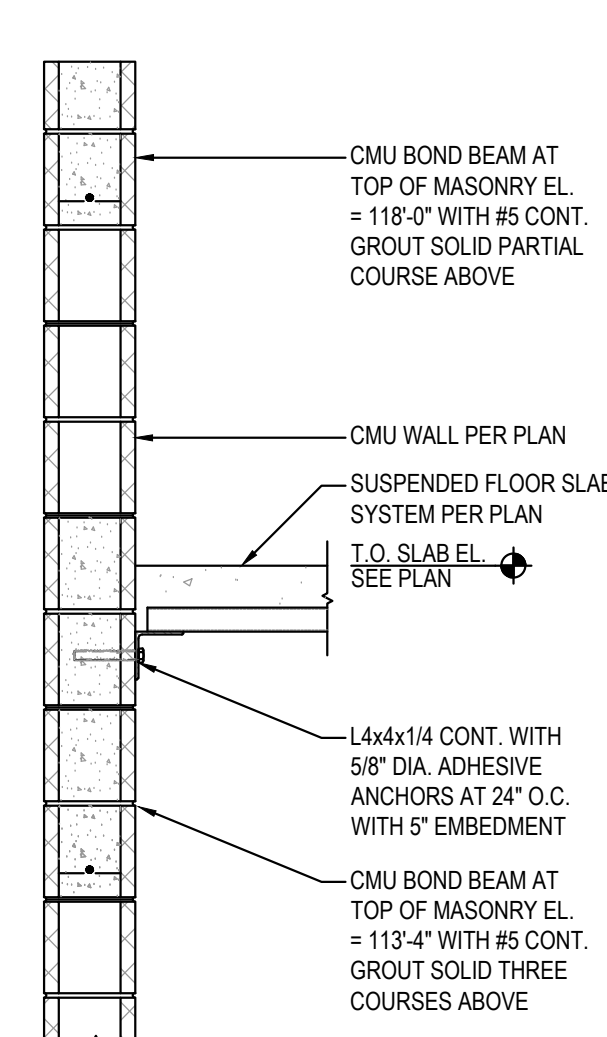
10 LOW ROOF SECTION AT TURFHOUSE
SCALE: 3/4" = 1'-0"



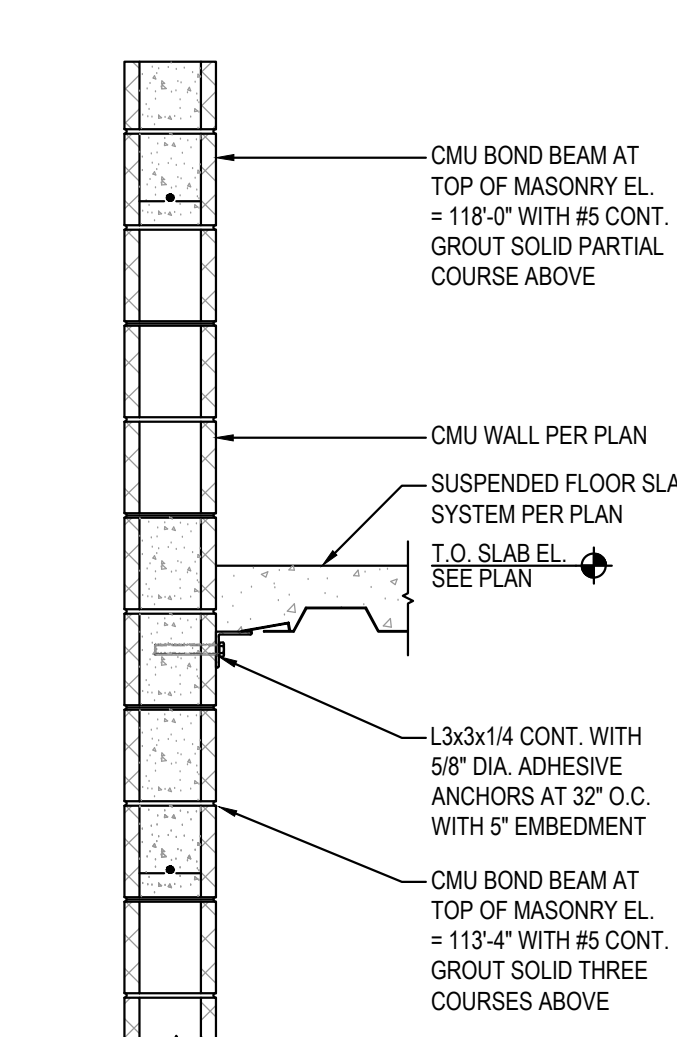
11 LOW ROOF SECTION AT WALL PANEL SUPPORT
SCALE: 3/4" = 1'-0"



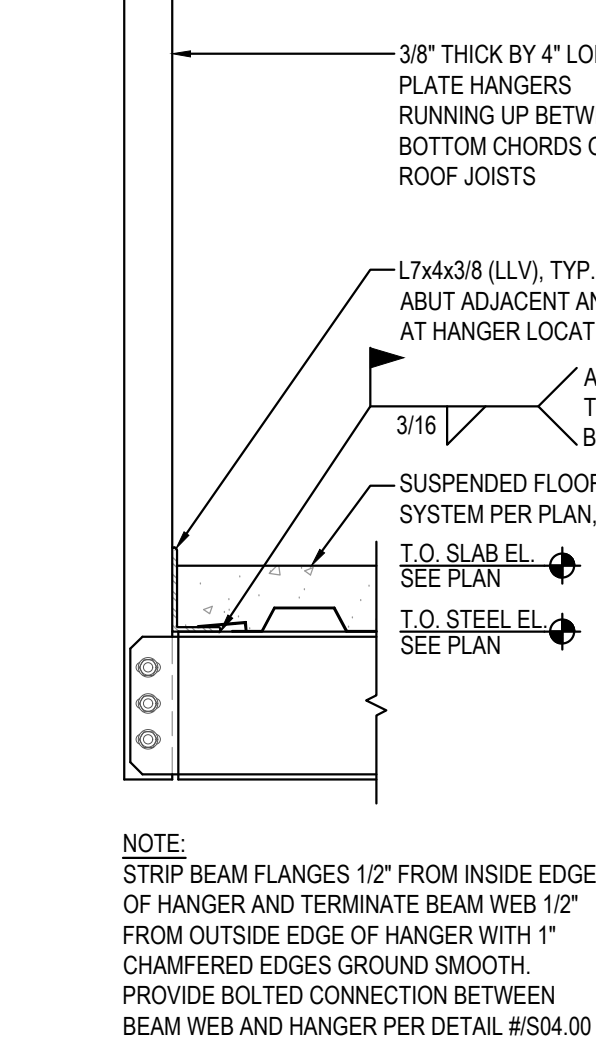
12 FLOOR EDGE AT LOW ROOF SECTION
SCALE: 3/4" = 1'-0"



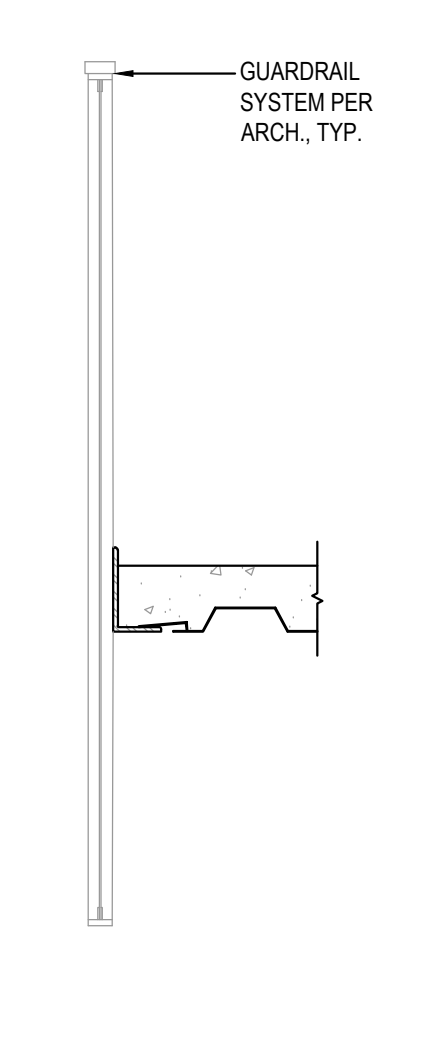
13 FLOOR EDGE SECTION AT CMU WALL
SCALE: 3/4" = 1'-0"



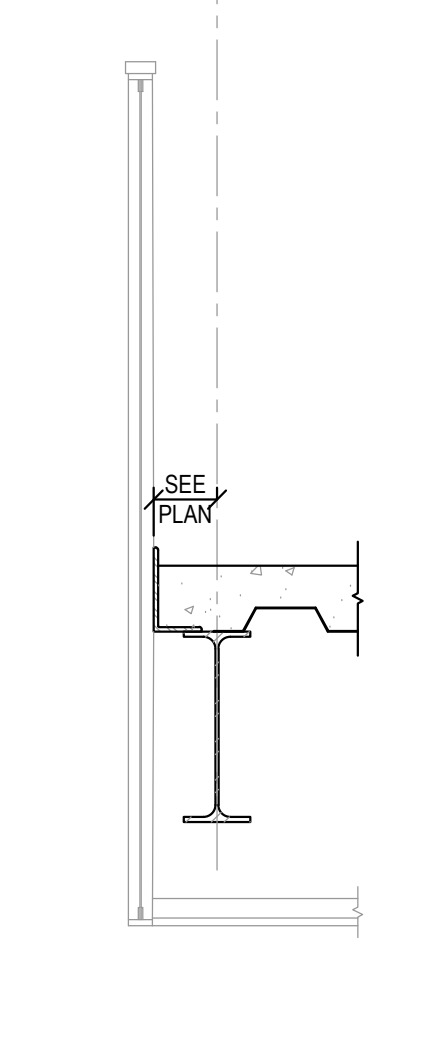
14 FLOOR EDGE BEARING SECTION
SCALE: 3/4" = 1'-0"



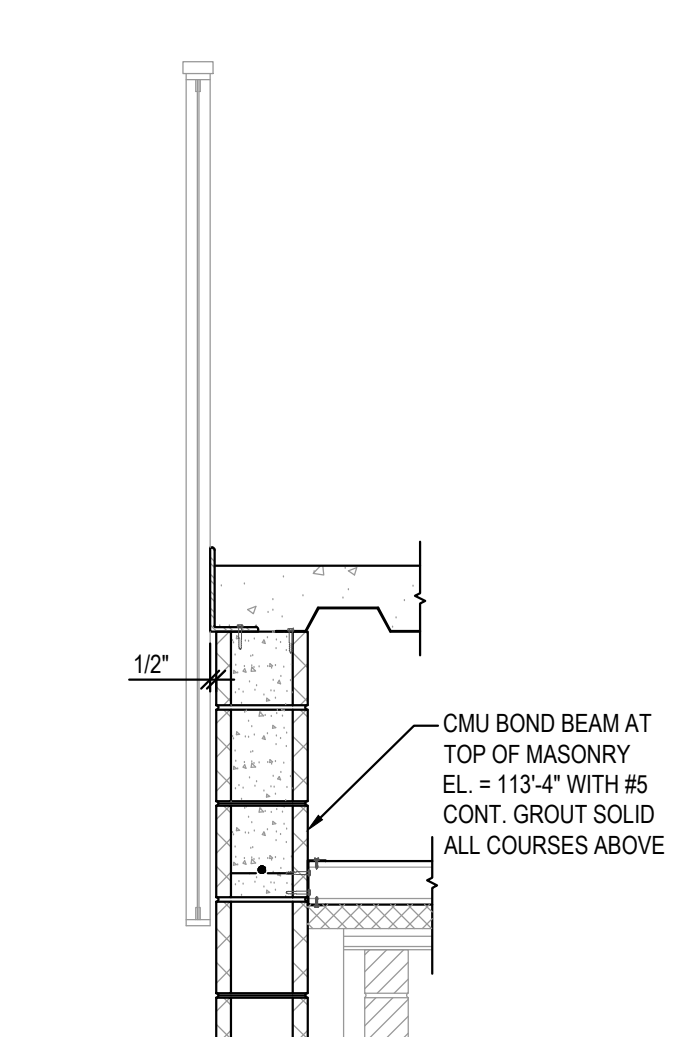
15 WALKING TRACK EDGE SECTIONS
SCALE: 3/4" = 1'-0"



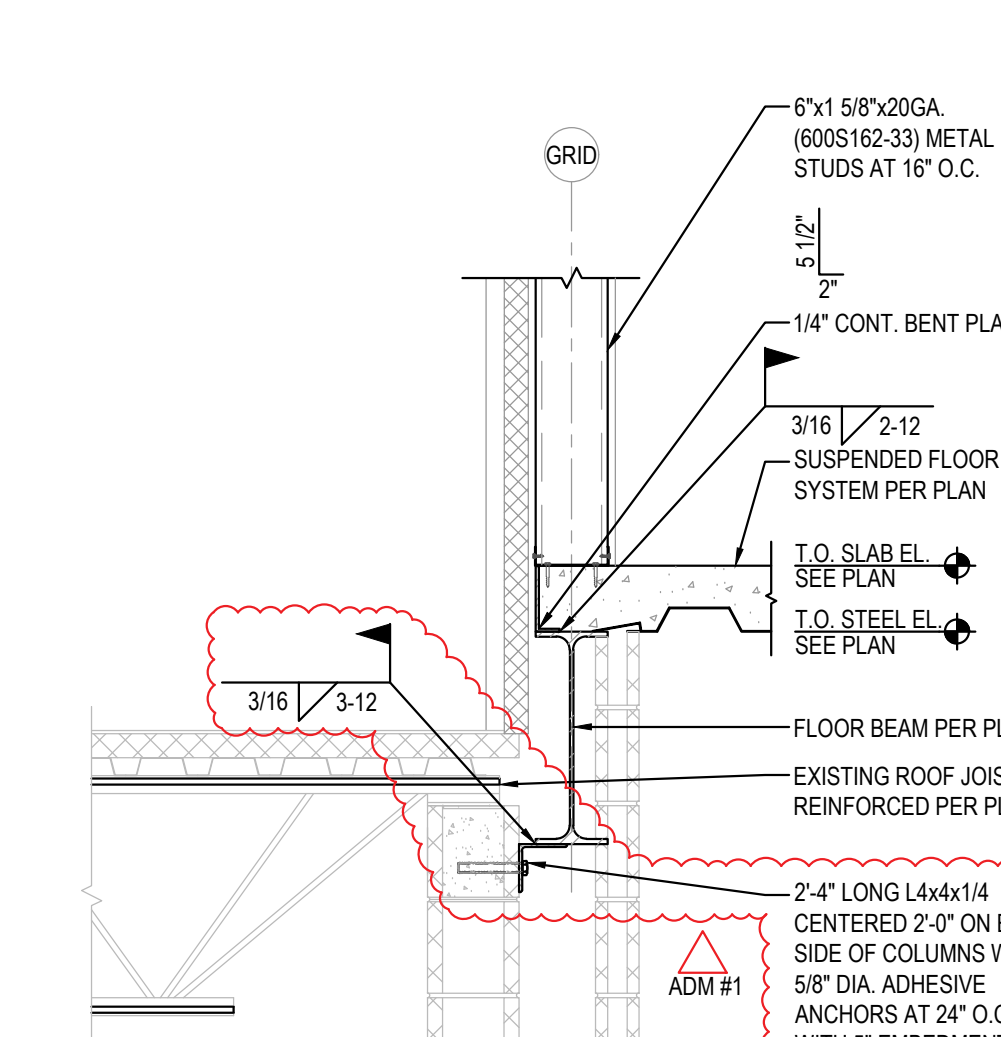
15B - GUARDRAIL DETAIL BETWEEN BEAMS



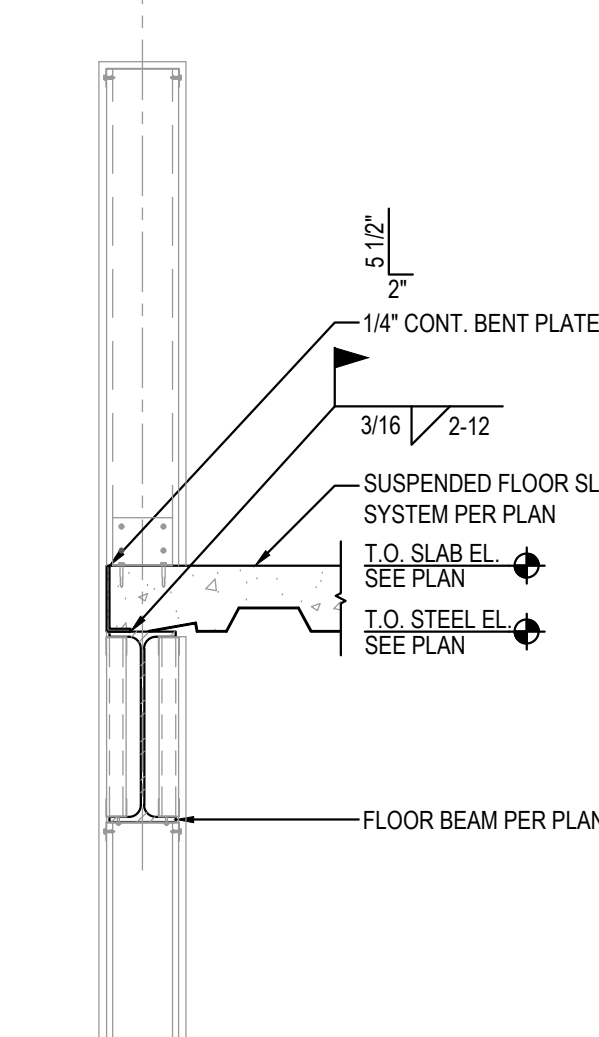
15C - GUARDRAIL DETAIL AT EDGE BEAM



15D - GUARDRAIL DETAIL AT WALL



16 GYM WALL AT EXISTING
SCALE: 3/4" = 1'-0"

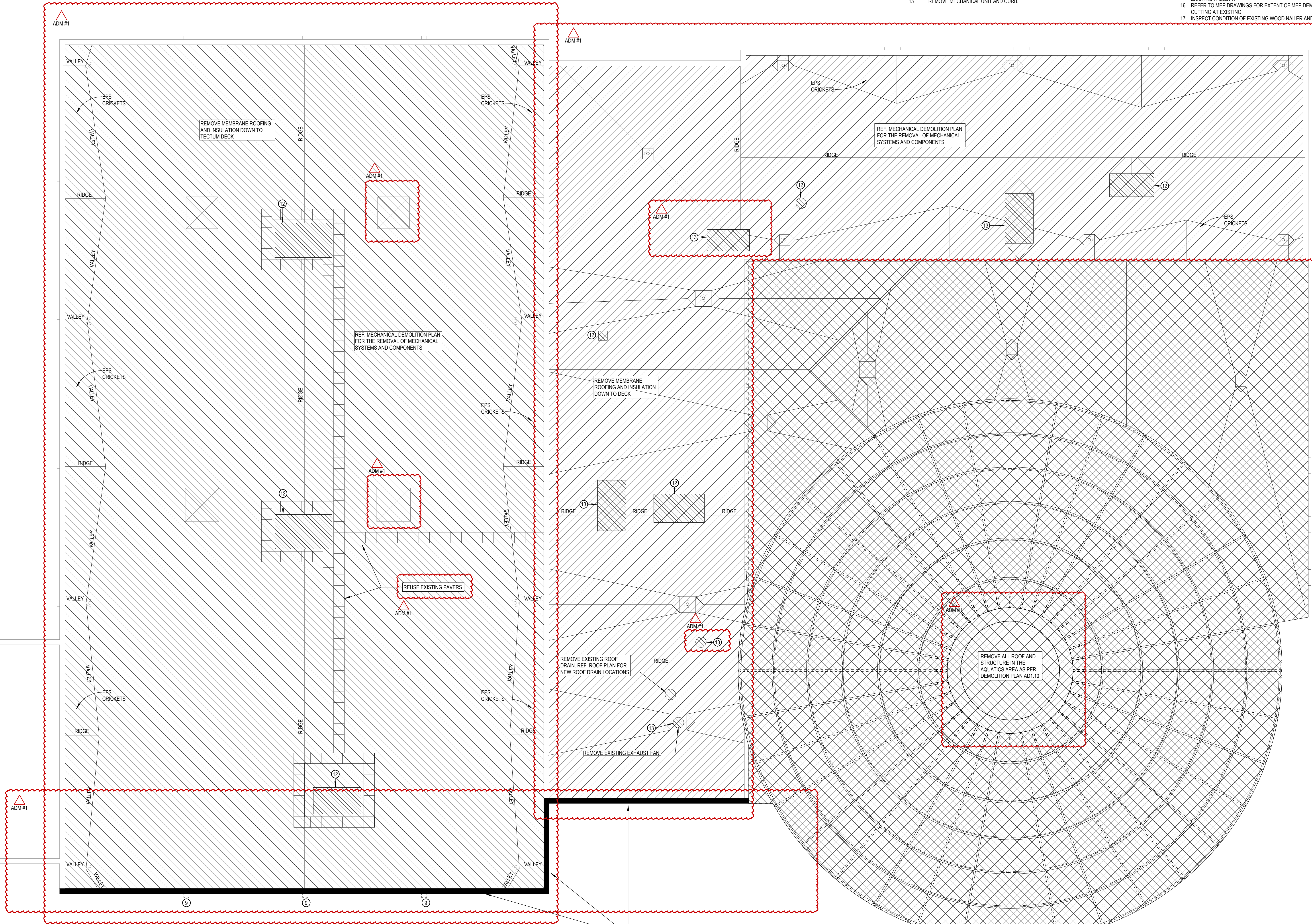


17 FLOOR EDGE SECTION
SCALE: 3/4" = 1'-0"



1	REMOVE CERAMIC AND PORCELAIN FLOOR TILE INCLUDING GROUT BED
1	REMOVE VCT FLOORING
2	REMOVE CARPET TILE FLOORING
13	REMOVE RUBBER MAT FLOORING
2	REMOVE 4" VINYL BASE
21	REMOVE CERAMIC TILE WALL BASE
3	REMOVE EXISTING AC
11	REMOVE EXISTING GYPSUM BOARD CEILING INCLUDING SUPPORT STRUCTURE
32	REMOVE EXTERIOR SOFFIT PANELS INCLUDING SUPPORT STRUCTURE
4	REMOVE MASONRY WALL
4	CUT OPENING IN WALL - SEE SCHEDULE FOR DOOR TYPE
4.3	REMOVE PARTITION WALL
4.4	REMOVE STOREFRONT SYSTEM
5	REMOVE CASEWORK
6	REMOVE EXISTING CONCRETE CURB TO 1" BELOW EXISTING TILE FLOOR LEVEL
7	REMOVE DOOR AND FRAME
7.1	REMOVE DOOR FRAME TO REMAIN
8	REMOVE PLUMBING FIXTURES - SEE MECHANICAL FOR REMOVAL OF PLUMBING FIXTURES AND COMPONENTS
9	REMOVE EXTERIOR BRICK PIERS
10	REMOVE LOCKERS AND ALL ASSOCIATED COMPONENTS
10.1	REMOVE AND SALVAGE WALL HUNG SIGNAGE, EQUIPMENT, AND COMPONENTS DELIVER TO OWNER
11	REMOVE STRUCTURAL STOOPS WHERE EXTERIOR DOORS ARE TO DEMOLISH OR BECOME INTERIOR DOORS
12	REMOVE ROOFTOP MECHANICAL UNIT, KEEP CURB
13	REMOVE MECHANICAL UNIT AND CURB.

1. THE DEMOLITION DRAWINGS ARE A SUMMARY AND WILL NOT SHOW ALL SPECIFIC ITEMS FOR REMOVAL. REMOVAL AND MODIFICATION OF EXISTING ITEMS SHALL BE INCLUDED IN THE DEMOLITION SCHEDULE. THE DEMOLITION SCHEDULE SHALL BE PREPARED BY THE ARCHITECT USING THE INFORMATION PROVIDED IN THE DEMOLITION SCHEDULE. THE DEMOLITION SCHEDULE MUST REFLECT VERY SPECIFIC ITEMS AND CONDITIONS.
2. DARK BLACK DASHED LINES REPRESENT ITEMS TO BE REMOVED, EVEN IF NOT INDICATED BY THE DEMOLITION SCHEDULE. LIGHT GRAY LINES REPRESENT EXISTING ITEMS TO BE REMAIN.
3. DEMOLITION SHALL BE DONE WITH THE PROTECTION OF ADJACENT REMAINING WORK. ALLOW FOR PATCHING TO MATCH EXISTING CONDITIONS OR NEW CONDITIONS.
4. UNLESS OTHERWISE NOTED ABOVE, THE RESPECTIVE TRADES SHALL CUT, REMOVE, AND PATCH TO MATCH THE ADJACENT EXISTING CONDITIONS.
5. INCIDENTAL PATCHWORK: EXPOSED FINISHES SHALL BE PATCHED TO MATCH EXISTING OR SCHEDULED FINISH BY THE FINISH TRADE PERFORMING THE FINISHES FOR THE PROJECT.
6. PATCHWORK: PATCHES SHALL BE PATCHED BY THE TRADE PERFORMING THE FINISHES FOR THE CUTTING OF STRUCTURAL MEMBERS FOR NEW OPENINGS SHALL NOT BE DONE UNLESS INDICATED ON STRUCTURAL DRAWINGS OR AS APPROVED BY A STRUCTURAL ENGINEER. NOT BE DONE UNLESS INDICATED ON STRUCTURAL DRAWINGS OR AS APPROVED BY A STRUCTURAL ENGINEER. NOT BE DONE UNLESS INDICATED ON STRUCTURAL DRAWINGS OR AS APPROVED BY A STRUCTURAL ENGINEER.
7. ALL WALLS AND PARTITIONS ARE MASONRY UNLESS NOTED OTHERWISE.
8. ALL EXISTING EXTERIOR SIDEWALKS ADJACENT TO THE EXISTING BUILDING AND SIDEWALKS LEADING FROM THE EXISTING BUILDING TO THE PUBLIC SIDEWALKS ADJACENT TO THE PUBLIC SIDEWALKS SHALL BE DEMOLISHED AND REPLACED WITH NEW SIDEWALKS.
9. DEMOLITION TO BE COMPLETED IN A PHASED MANNER. SITE DEMOLITION TO FOLLOW THE SITE PHASING PLAN.
10. NOT USED.
11. MAINTAIN AND PROTECT ALL EXIST PASSAGEWAYS IN OCCUPIED BUILDINGS.
12. DURING DEMOLITION OF EXISTING BRICK, SALVAGE AS MANY UNITS AS NECESSARY FOR REPAIR AND REUSE. BRICK SHALL BE REUSED IN THE SAME MANNER AS THE ORIGINAL BRICK. FLASHING AT ROOF AREAS OF EXISTING FACILITY.
13. REMOVE OR EXTEND EXISTING CURBS AS SHOWN/INDICATED AT ROOF AREAS OF THE EXISTING FACILITY.
14. REFER TO MEP DRAWINGS FOR EXTENT OF MEP DEMOLITION WORK, INCLUDING FLOOR CUTTING AT PIER.
15. REPAIR AND REPLACE OF EXISTING WORK MATERIAL AND REPLACE AS REQUIRED.

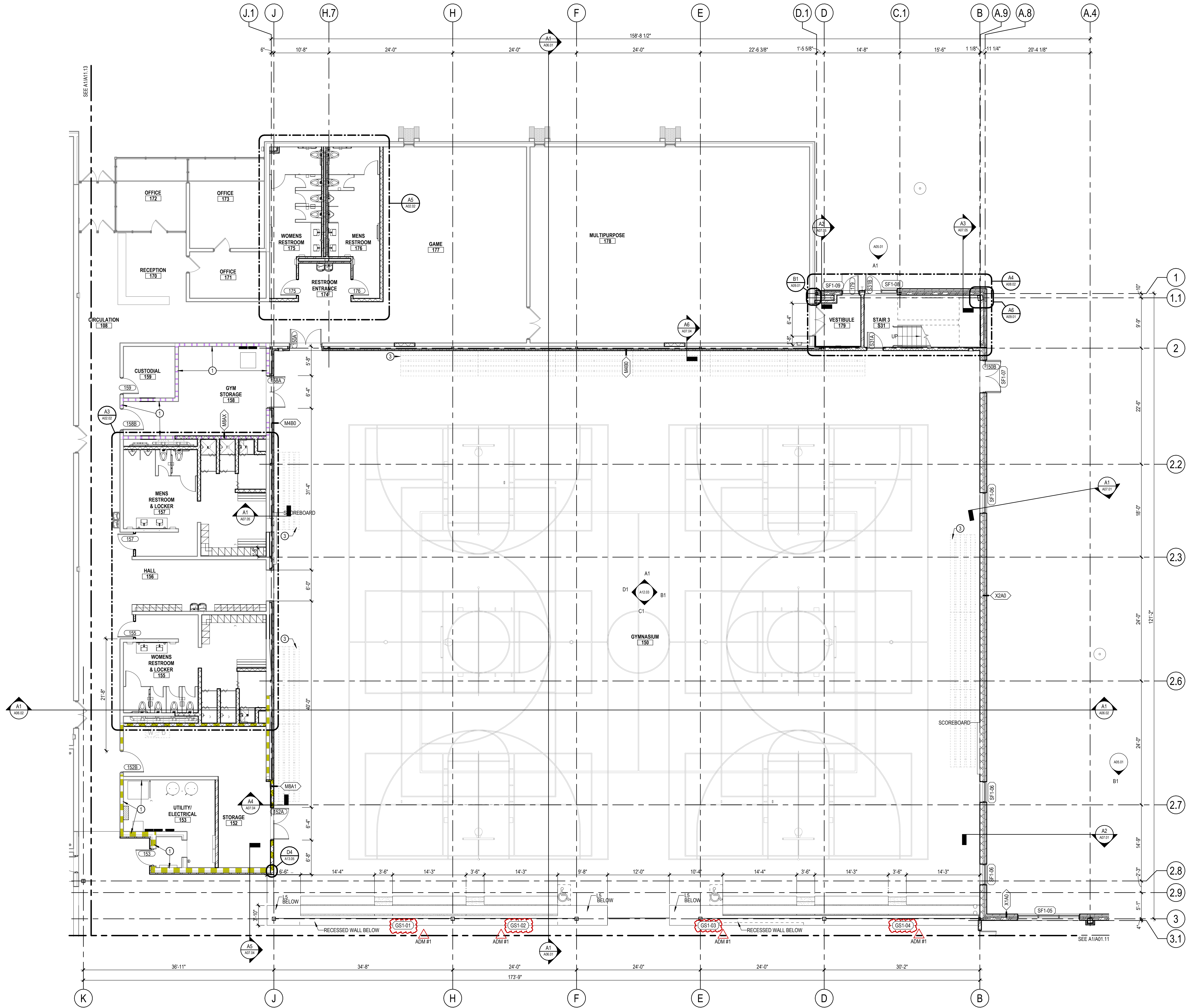


REMOVE DRIP EDGE CAPPING AND WOOD NAILED ALONG ENTIRE SOUTH WALL AND PORTION OF EAST WALL WHERE NEW FRAME WALL EXTENDS. NEW ROOF MEMBRANE TO TURN UP AND ONTO NEW FRAMED WALL. REF. WALL FRAME DETAILS AT THESE LOCATIONS.

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FLOOR PLAN LEVEL 1 - AREA B

1/8" = 1'-0"



RECREATION CENTER ADDITION & RENOVATION

CONSTRUCTION DOCUMENTS

A01.12

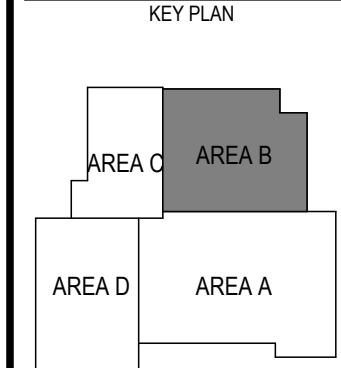
**FLOOR PLAN
LEVEL 1 AREA B**

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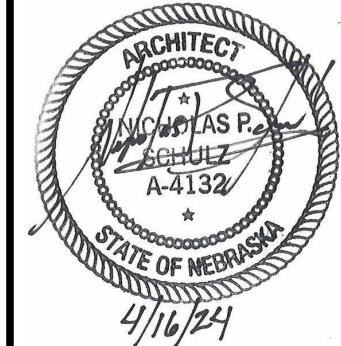
RDG Planning & Design
1702 South Bailey
North Platte, Nebraska 69101
Phone: 402.333.2772

PROJECT NO: R3065.624.00
DATE: 4/25/2024
ISSUANCE: 4/25/2024
CONSTRUCTION DOCS: 4/25/2024
ADDENDUM #1: 4/25/2024

AREA A
AREA B
AREA C
AREA D



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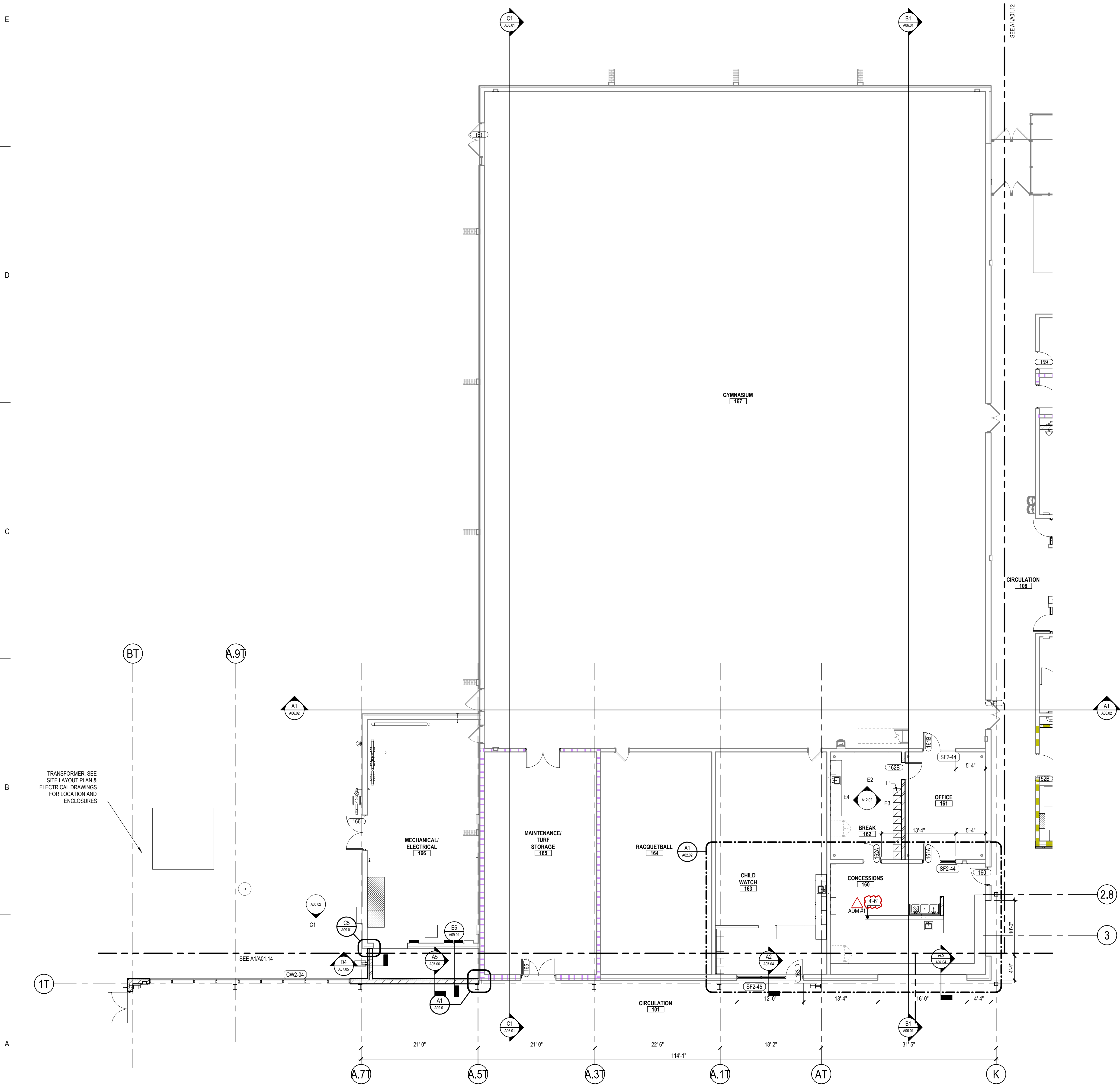
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FLOOR PLAN LEVEL 1 - AREA C

1/8" = 1'-0"



RECREATION CENTER ADDITION & RENOVATION

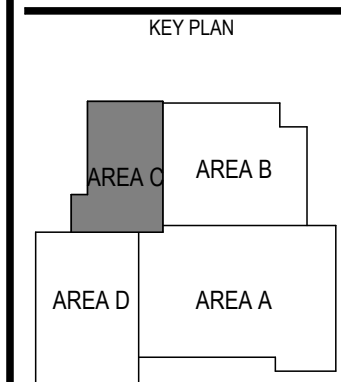
CONSTRUCTION DOCUMENTS

A01.13

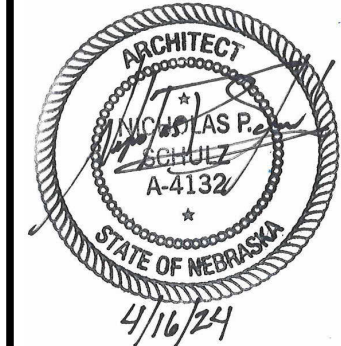
FLOOR PLAN
LEVEL 1 AREA C

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SHEET: A01.13
DATE: 4/25/2024
ISSUED BY: RDG Planning & Design
CHECKED BY: RDG Planning & Design
PROJECT NO: R3065.624.00

AREA A	AREA B
AREA C	AREA D



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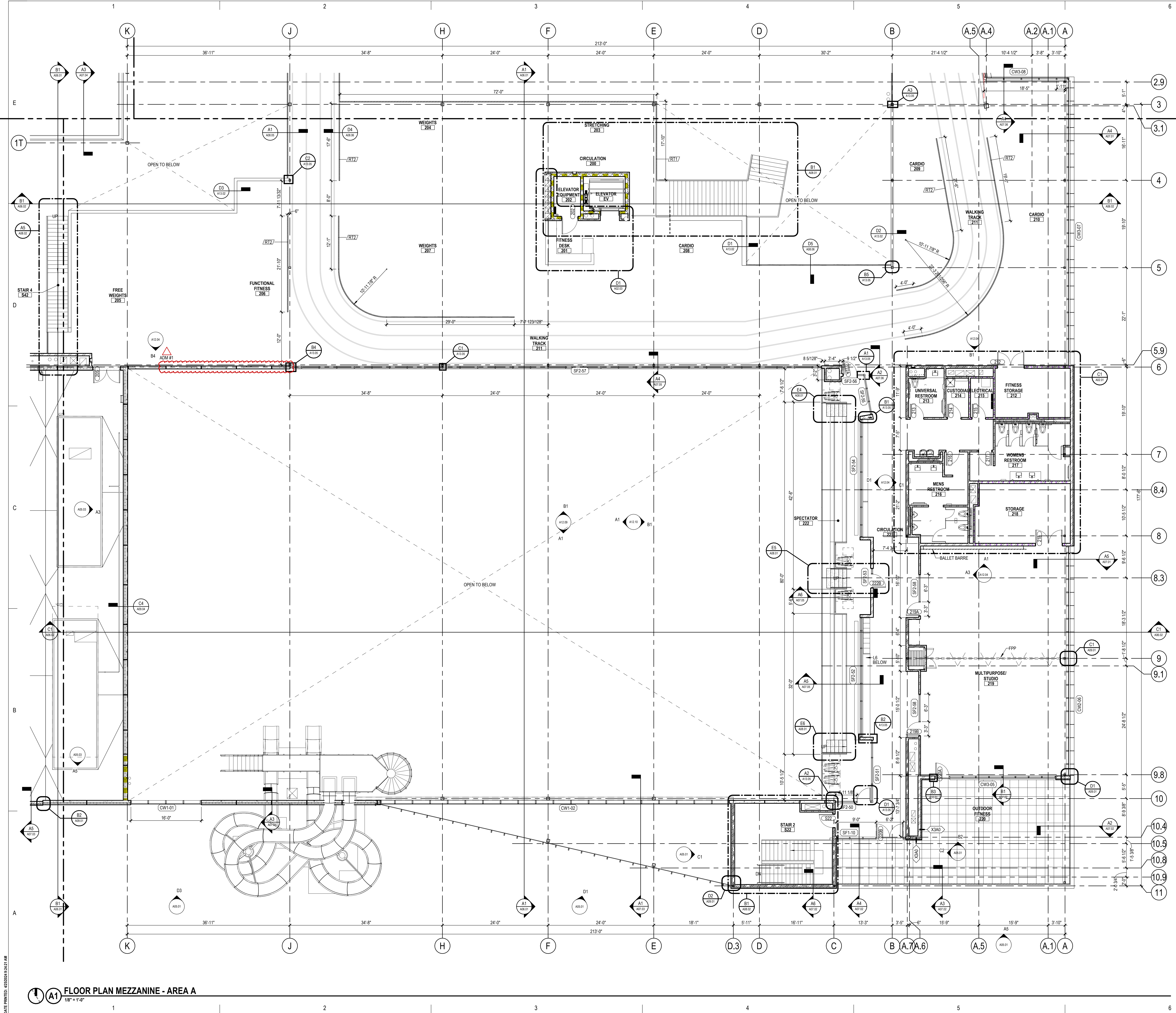


 A1 **FLOOR**
1/8" = 1'-0"

RECREATION CENTER ADDITION & RENOVATION

A01.14

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CITY OF NORTH PLATTE, NE



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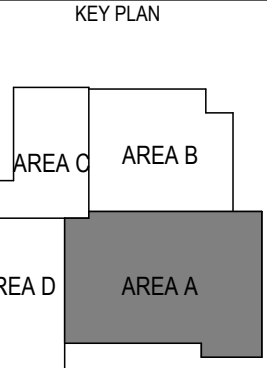
A1 FLOOR PLAN MEZZANINE - AREA A
1/8" = 1'-0"

CONSTRUCTION DOCUMENTS

RECREATION CENTER ADDITION & RENOVATION

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CITY OF NORTH PLATTE, NE



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SHEET: A-1132
DATE: 4/25/2024
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PROJECT NO: R3065.624.00

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Website: www.rdgplanning.com

FLOOR PLAN
MEZZANINE
AREA A

A01.21

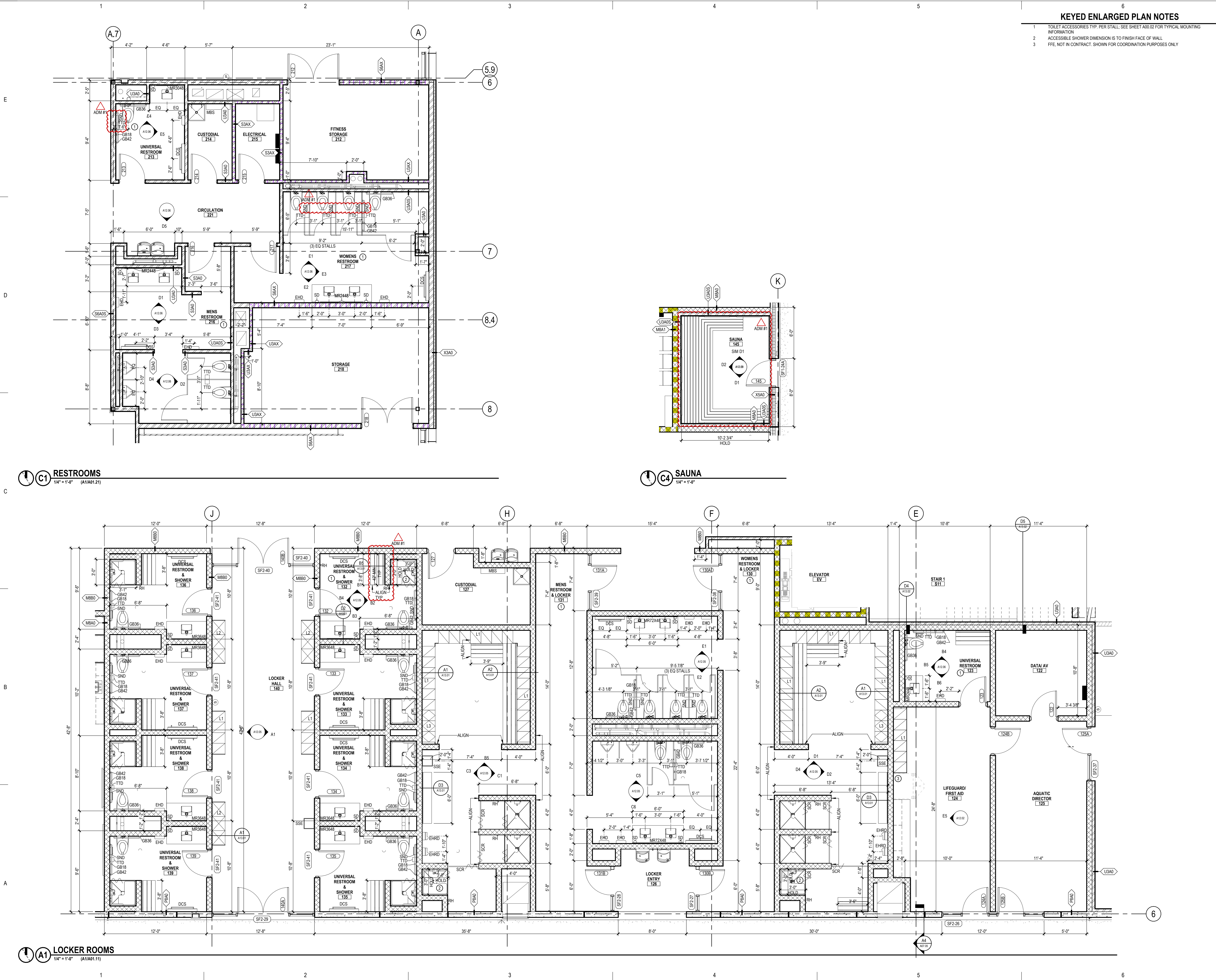


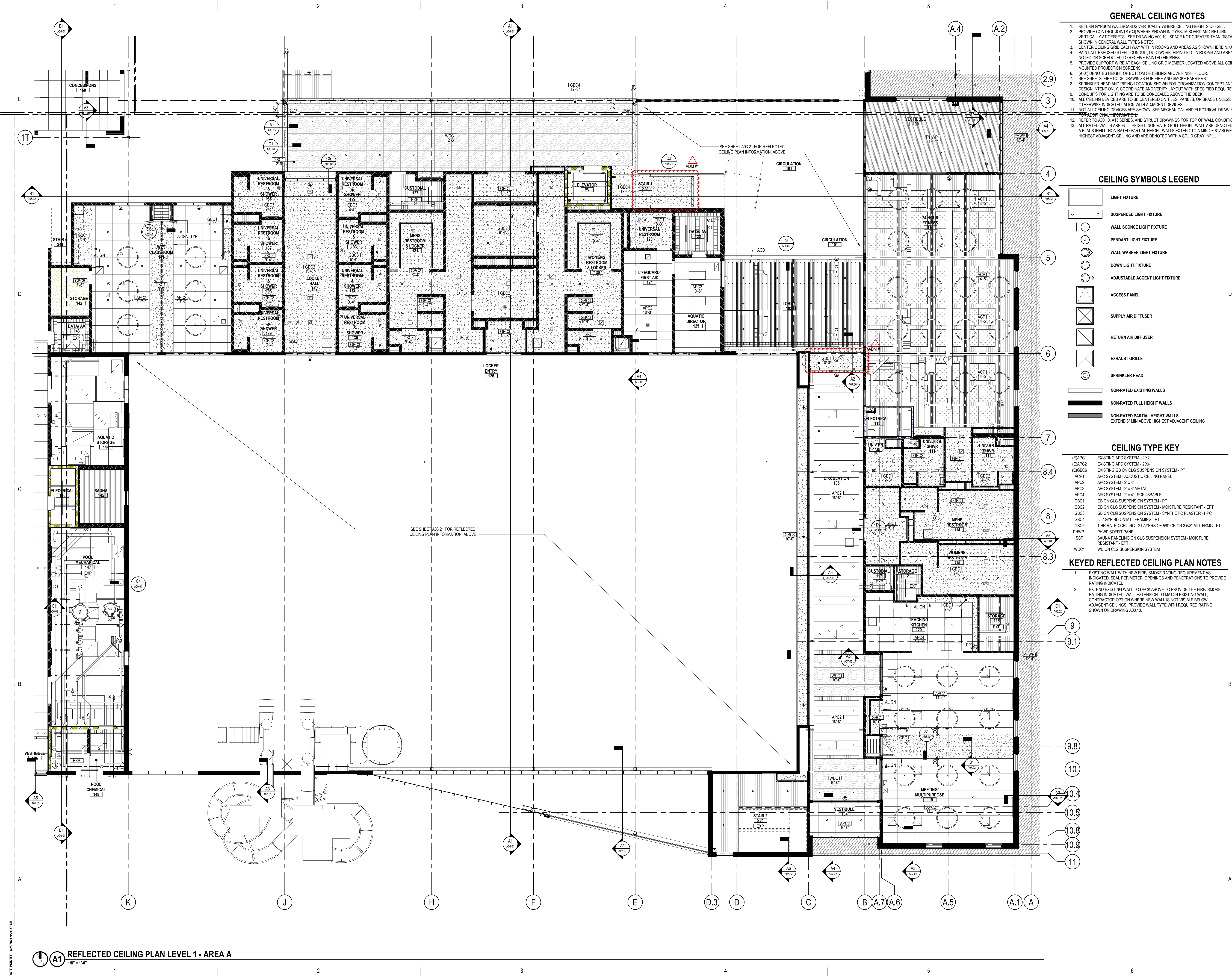
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GENERAL CEILING NOTES

1. RETURN GYPSUM WALLBOARDS VERTICALLY WHERE CEILING HEIGHTS OFFSET.
2. PROVIDE CONTROL JOINTS (CJ) WHERE SHOWN IN GYPSUM BOARD AND RETURN VERTICALLY AT OFFSETS. SEE DRAWING A00.10. SPACE NOT GREATER THAN DISTANCES SHOWN IN GENERAL WALL TYPES NOTES.
3. CENTER CEILING GRID EACH WAY WITHIN ROOMS AND AREAS AS SHOWN HEREIN, UNLESS NOTED OR SCHEDULED TO RECEIVE PAINTED FINISHES.
4. PROVIDE SUPPORT WIRE AT EACH CEILING GRID MEMBER LOCATED ABOVE ALL CEILING MOUNTED PROJECTION SCREENS.
5. 8'-0" DENOTES HEIGHT OF BOTTOM OF CEILING ABOVE FINISH FLOOR.
6. SEE SHEETS FIRE CODE DRAWINGS FOR FIRE AND SMOKE BARRIERS.
7. SPRINKLER HEAD AND PIPING LOCATION SHOWN FOR ORGANIZATION CONCEPT AND DESIGN INTENT ONLY. COORDINATE AND VERIFY LAYOUT WITH SPECIFIED REQUIREMENTS. CONDUITS FOR LIGHTING ARE TO BE CONCEALED ABOVE THE DECK, OR SPACE UNLESS OTHERWISE INDICATED. ALIGN WITH ADJACENT DEVICES.
8. NOT ALL CEILING DEVICES ARE SHOWN. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
9. REFER TO A00.10, A13 SERIES, AND STRUCT DRAWINGS FOR TOP OF WALL CONDITIONS.
10. ALL RATED WALLS ARE FULL HEIGHT. NON RATED FULL HEIGHT WALL ARE DENOTED WITH A BLACK INFILL. NON RATED PARTIAL HEIGHT WALLS EXTEND TO A MIN OF 8' ABOVE HIGHEST ADJACENT CEILING AND ARE DENOTED WITH A SOLID GRAY INFILL.

CEILING SYMBOLS LEGEND

- LIGHT FIXTURE
- SUSPENDED LIGHT FIXTURE
- WALL SCONCE LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- WALL WASHER LIGHT FIXTURE
- DOWN LIGHT FIXTURE
- ADJUSTABLE ACCENT LIGHT FIXTURE
- ACCESS PANEL
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- EXHAUST GRILLE
- SPRINKLER HEAD

- NON-RATED EXISTING WALLS
- NON-RATED FULL HEIGHT WALLS
- NON-RATED PARTIAL HEIGHT WALLS
EXTEND 8' MIN ABOVE HIGHEST ADJACENT CEILING

CEILING TYPE KEY

- (E)APC1 EXISTING APC SYSTEM - 2'x2'
- (E)APC2 EXISTING APC SYSTEM - 2'x4'
- (E)GB06 EXISTING GB ON CLG SUSPENSION SYSTEM - PT
- APC1 APC SYSTEM - ACOUSTIC CEILING PANEL
- APC2 APC SYSTEM - 2'x4' METAL
- APC3 APC SYSTEM - 2'x4' - SCRUBBABLE
- GB01 GB ON CLG SUSPENSION SYSTEM - PT
- GB02 GB ON CLG SUSPENSION SYSTEM - MOISTURE RESISTANT - EPT
- GB03 GB ON CLG SUSPENSION SYSTEM - SYNTHETIC PLASTER - HPC
- GB04 5/8" GYP BD ON MTL FRAMING - PT
- GB05 1 HR RATED CEILING - 2 LAYERS OF 5/8" GB ON 3/8" MTL FRMG - PT
- PHWP1 PHWP SOFFIT PANEL
- SSP SAUNA PANELING ON CLG SUSPENSION SYSTEM - MOISTURE RESISTANT - EPT
- WDC1 WD ON CLG SUSPENSION SYSTEM

KEYED REFLECTED CEILING PLAN NOTES

1. EXISTING WALL WITH NEW FIRE SMOKE RATING REQUIREMENT AS INDICATED. SEAL PERIMETER, OPENINGS AND PENETRATIONS TO PROVIDE RATING INDICATED.
2. EXTEND EXISTING WALL TO DECK ABOVE TO PROVIDE THE FIRE/ SMOKE RATING INDICATED. WALL EXTENSION TO MATCH EXISTING WALL. CONTRACTOR OPTION WHERE NEW WALL IS NOT VISIBLE BELOW ADJACENT CEILING. PROVIDE WALL TYPE WITH REQUIRED RATING SHOWN ON DRAWING A00.10.

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KEY PLAN

DATE 4/16/24
CONSTRUCTION 4/16/24
ISSUANCE 4/16/24
PROJECT NO. R3065.624.00

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**REFLECTED
CEILING PLAN
LEVEL 1 AREA A**

A03.11

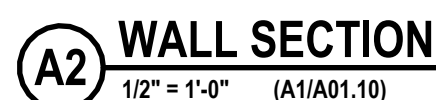
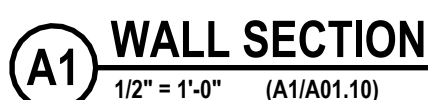
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	LIGHT FIXTURE
	SUSPENDED LIGHT FIXTURE
	WALL SCONCE LIGHT FIXTURE
	PENDANT LIGHT FIXTURE
	WALL WASHER LIGHT FIXTURE
	DOWN LIGHT FIXTURE
	ADJUSTABLE ACCENT LIGHT FIXTURE
	ACCESS PANEL
	SUPPLY AIR DIFFUSER
	RETURN AIR DIFFUSER
	EXHAUST GRILLE
	SPRINKLER HEAD
	NON-RATED EXISTING WALLS
	NON-RATED FULL HEIGHT WALLS
	NON-RATED PARTIAL HEIGHT WALLS
	EXTEND 5' MIN ABOVE HIGHEST ADJACENT CEILING

(E)APC1	EXISTING APC SYSTEM - 2'X2'
(E)APC2	EXISTING APC SYSTEM - 2'X4'
(E)B08C	EXISTING GB ON CLG SUSPENSION SYSTEM - PT
ACP1	APC SYSTEM - ACQUSTIC CEILING PANEL
	APC SYSTEM - 2' x 4'
APC3	APC SYSTEM - 2' x 4' METAL
APC4	APC SYSTEM - 2' x 4' - SCRUBBABLE
GBC1	GB ON CLG SUSPENSION SYSTEM - PT
GBC2	GB ON CLG SUSPENSION SYSTEM - MOISTURE RESISTANT - EPT
GBC3	GB ON CLG SUSPENSION SYSTEM - SYNTHETIC PLASTER - HPC
GBC4	5/8" GYP BD ON MTL FRAMING - PT
	1 HR RATED CEILING - 2 LAYERS OF 5/8" GB ON 3/8" MTL FRMG - P
PHWSP1	PHASE SPLIT PANEL
SSP	SAUNA CEILING ON CLG SUSPENSION SYSTEM - MOISTURE RESISTANT - EPT
WDC1	WD ON CLG SUSPENSION SYSTEM

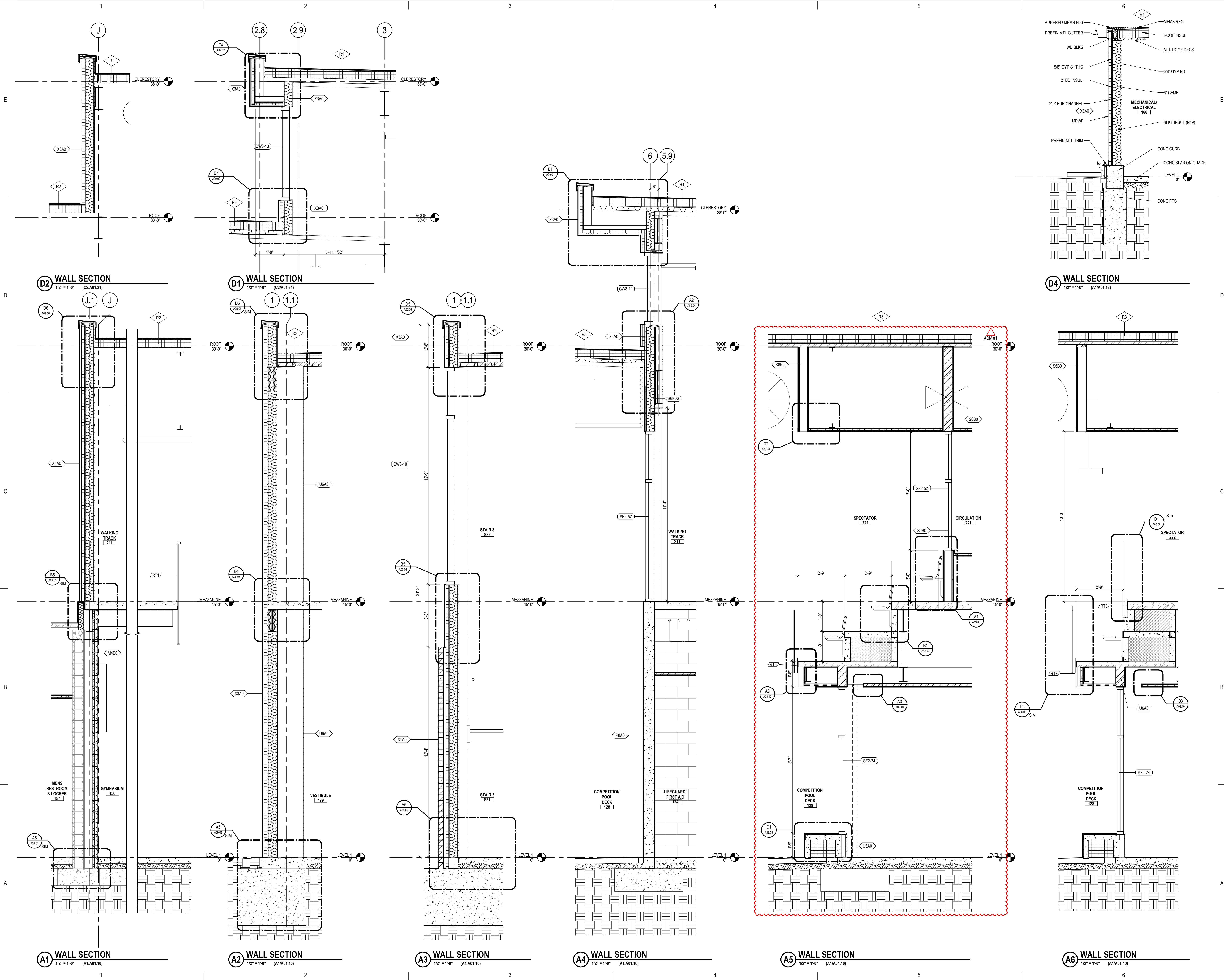
 **A1 REFLECTED CEILING PLAN CLERESTORY AREA A**
1/8" = 1'-0"

RECREATION CENTER ADDITION & RENOVATION



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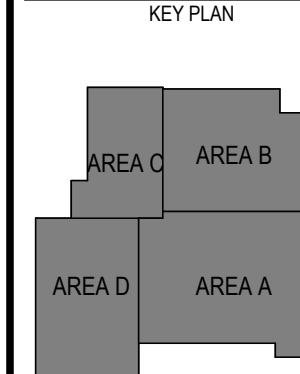
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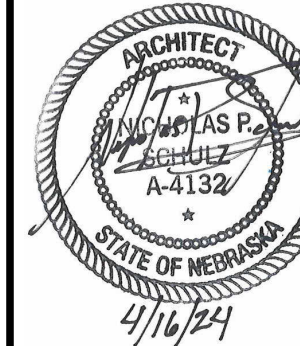
RECREATION CENTER ADDITION & RENOVATION

CONSTRUCTION DOCUMENTS

A07.05



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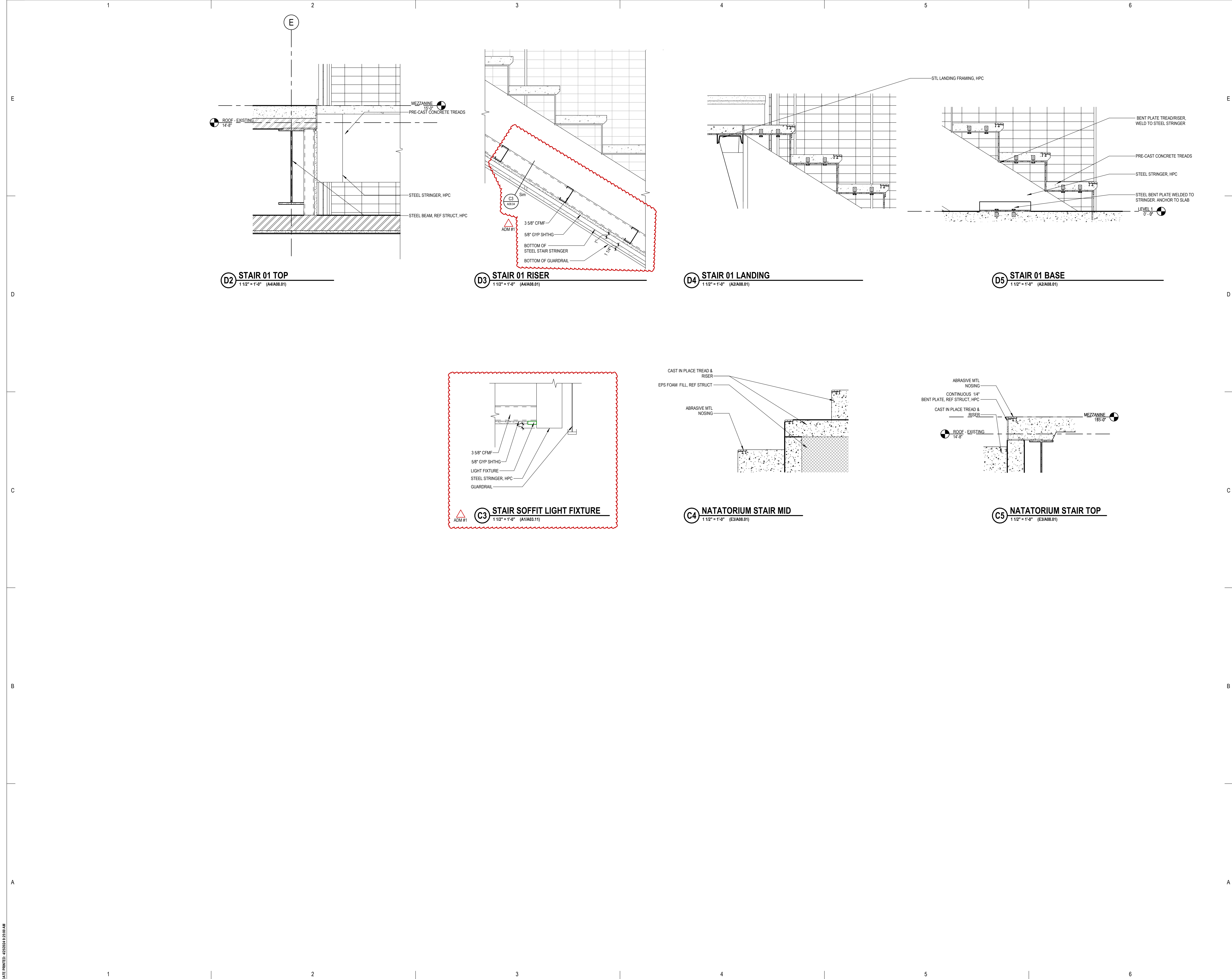
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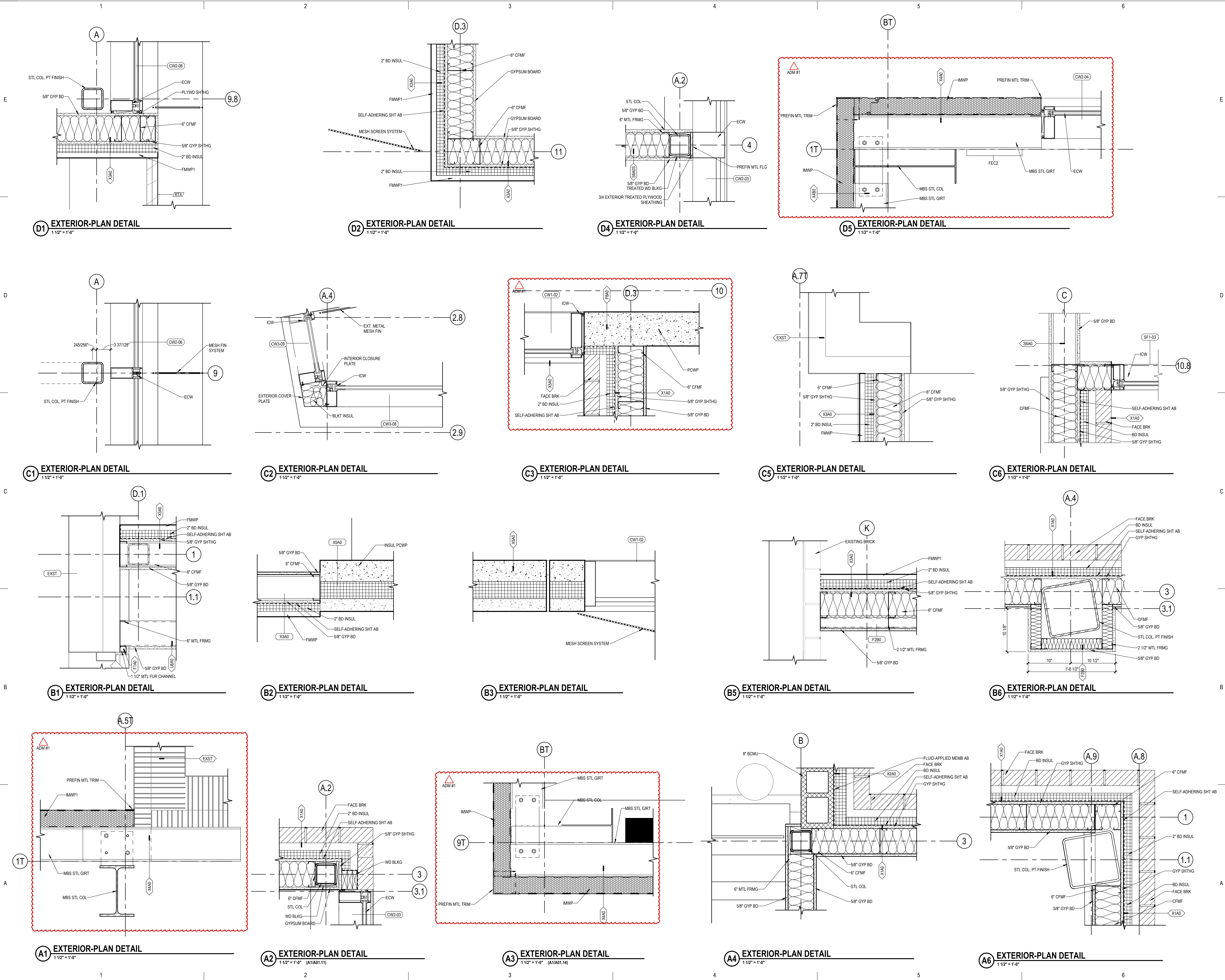
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1	ISSUED FOR PERMIT	4/25/2024
2	CONSTRUCTION DOCS	4/25/2024
3	DATE	
4	DATE	
5	DATE	
6	DATE	
7	DATE	
8	DATE	
9	DATE	
10	DATE	

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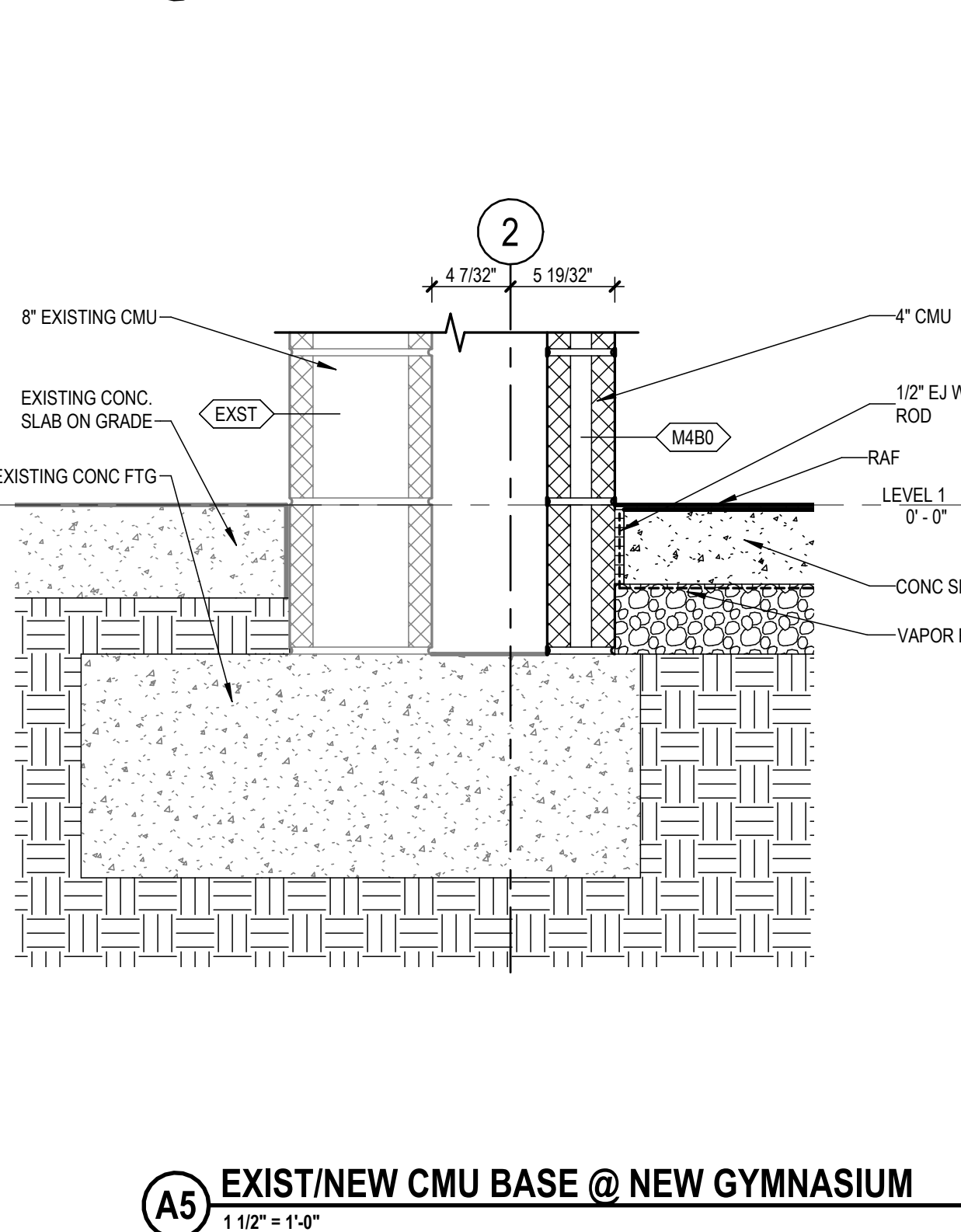
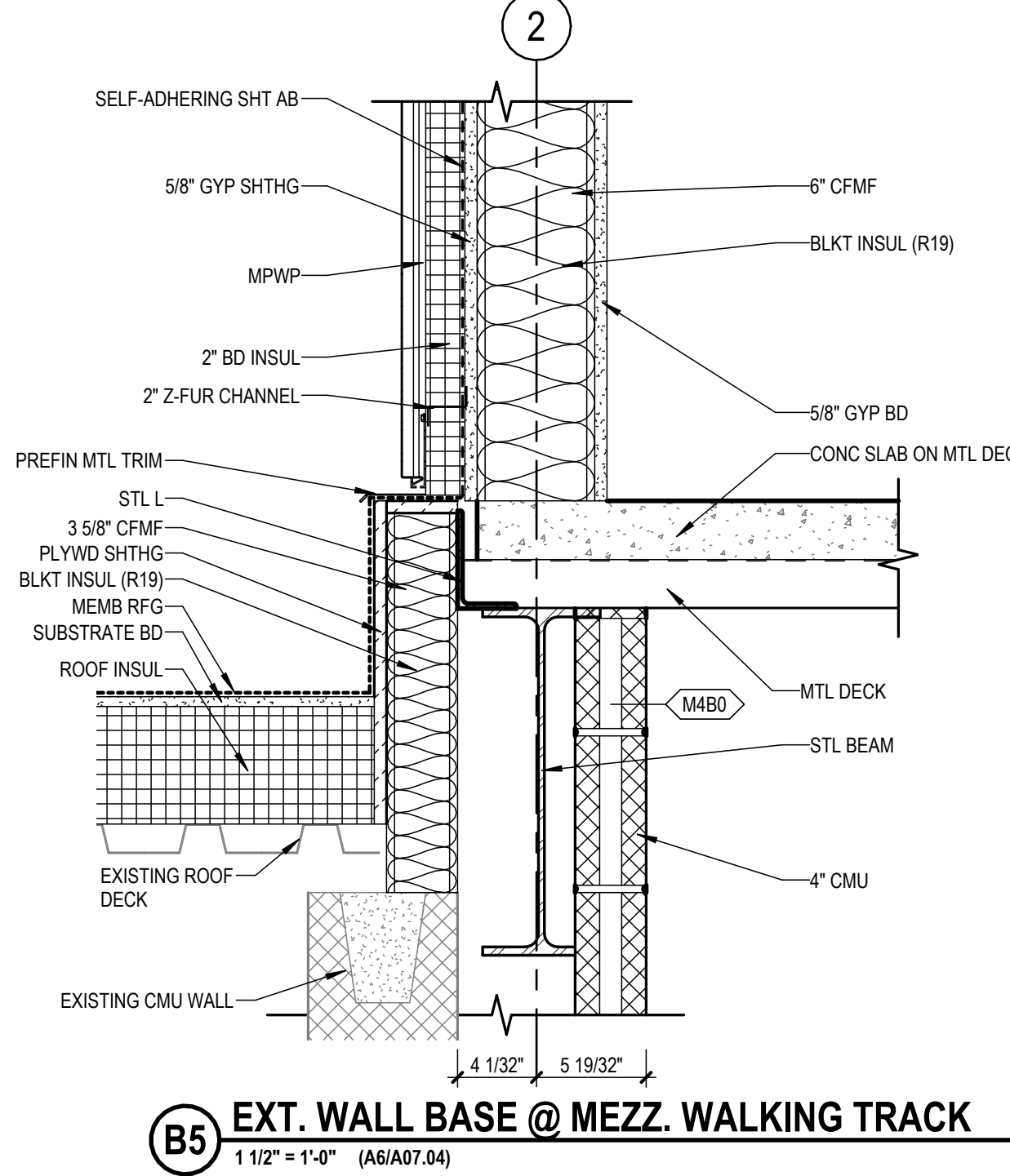
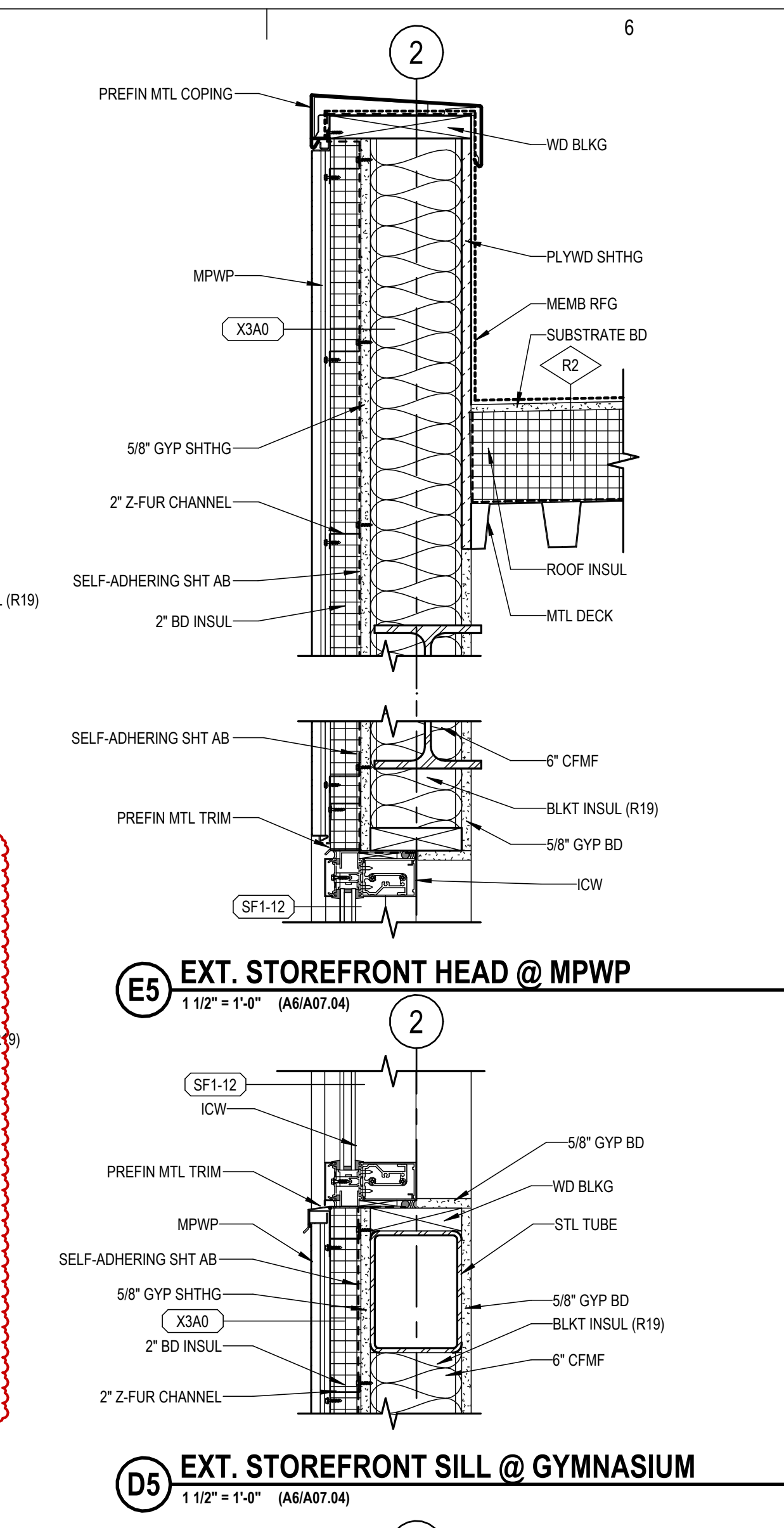
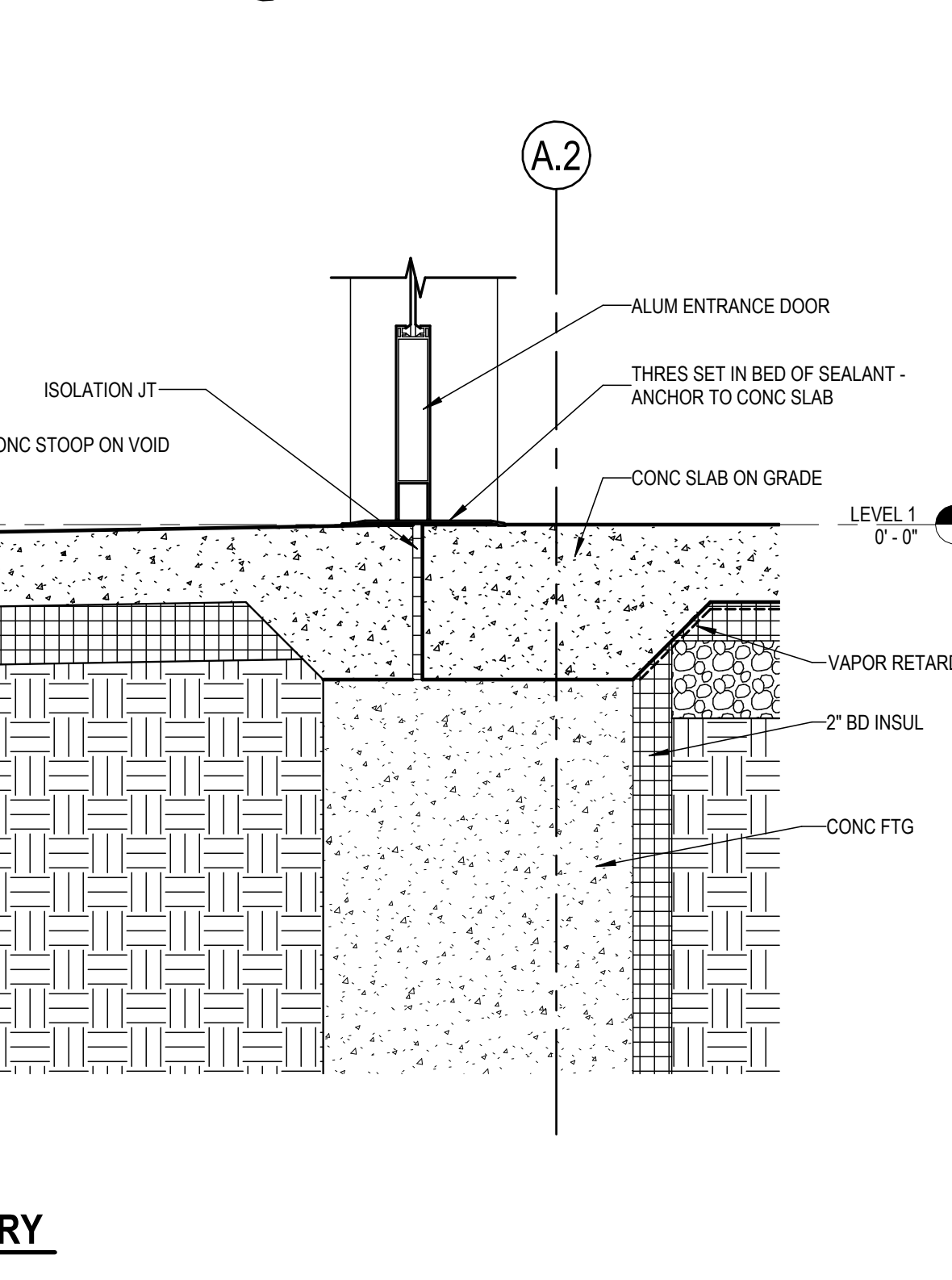
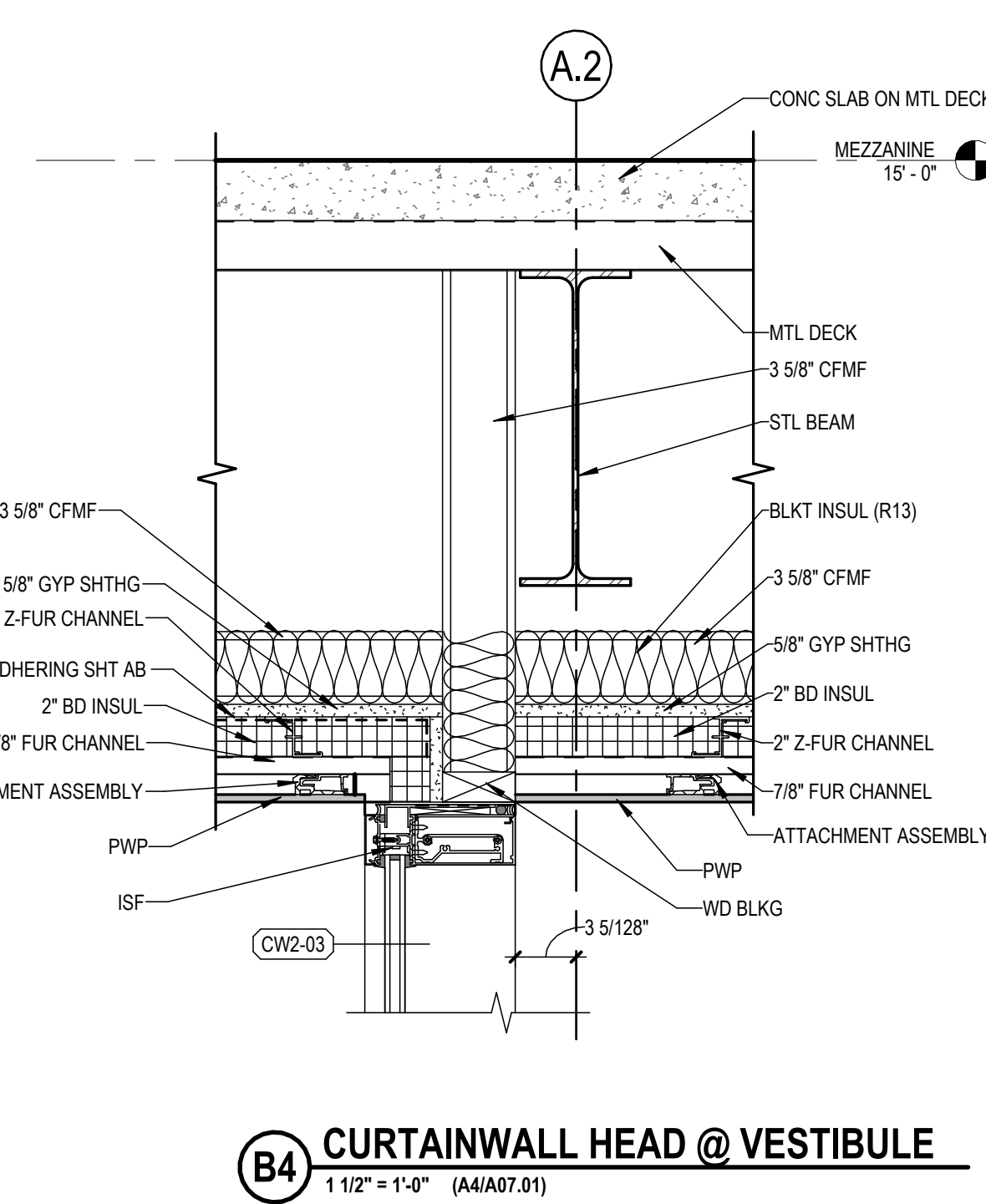
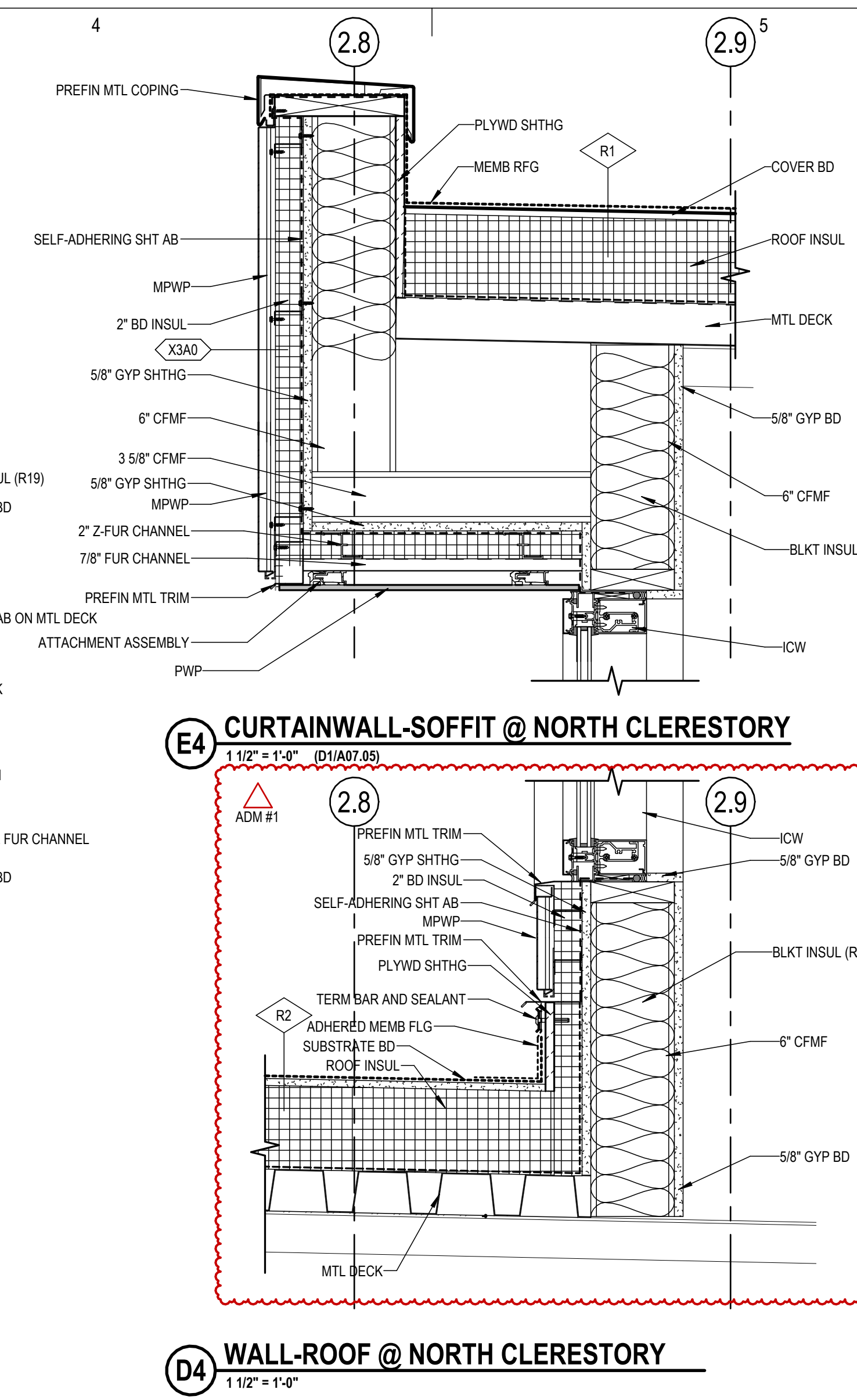
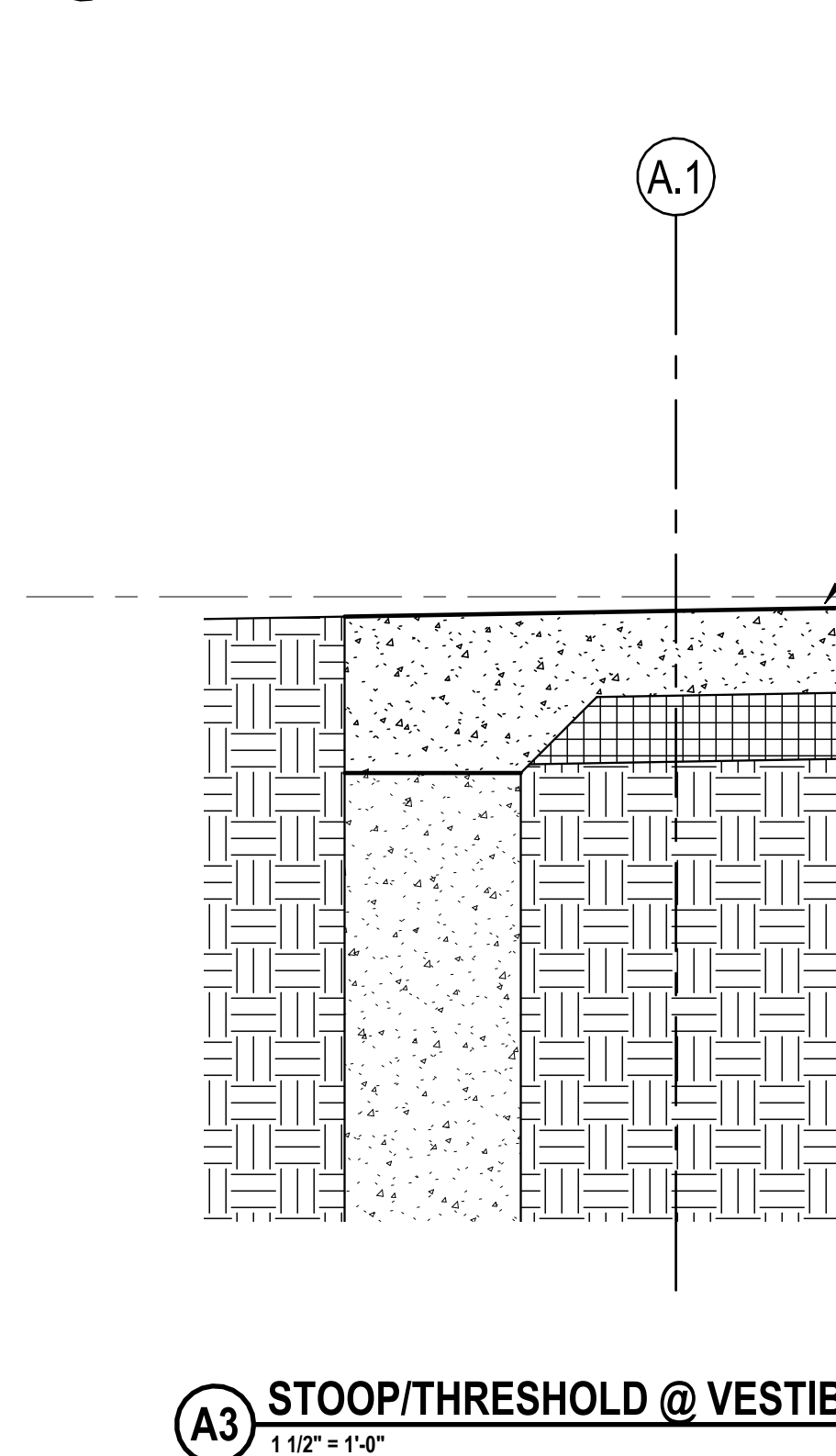
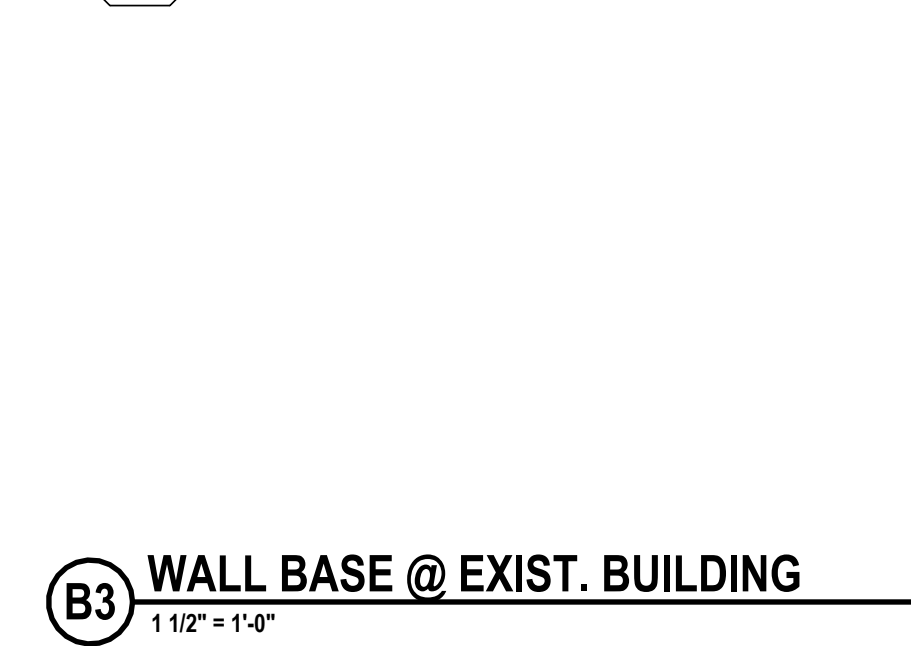
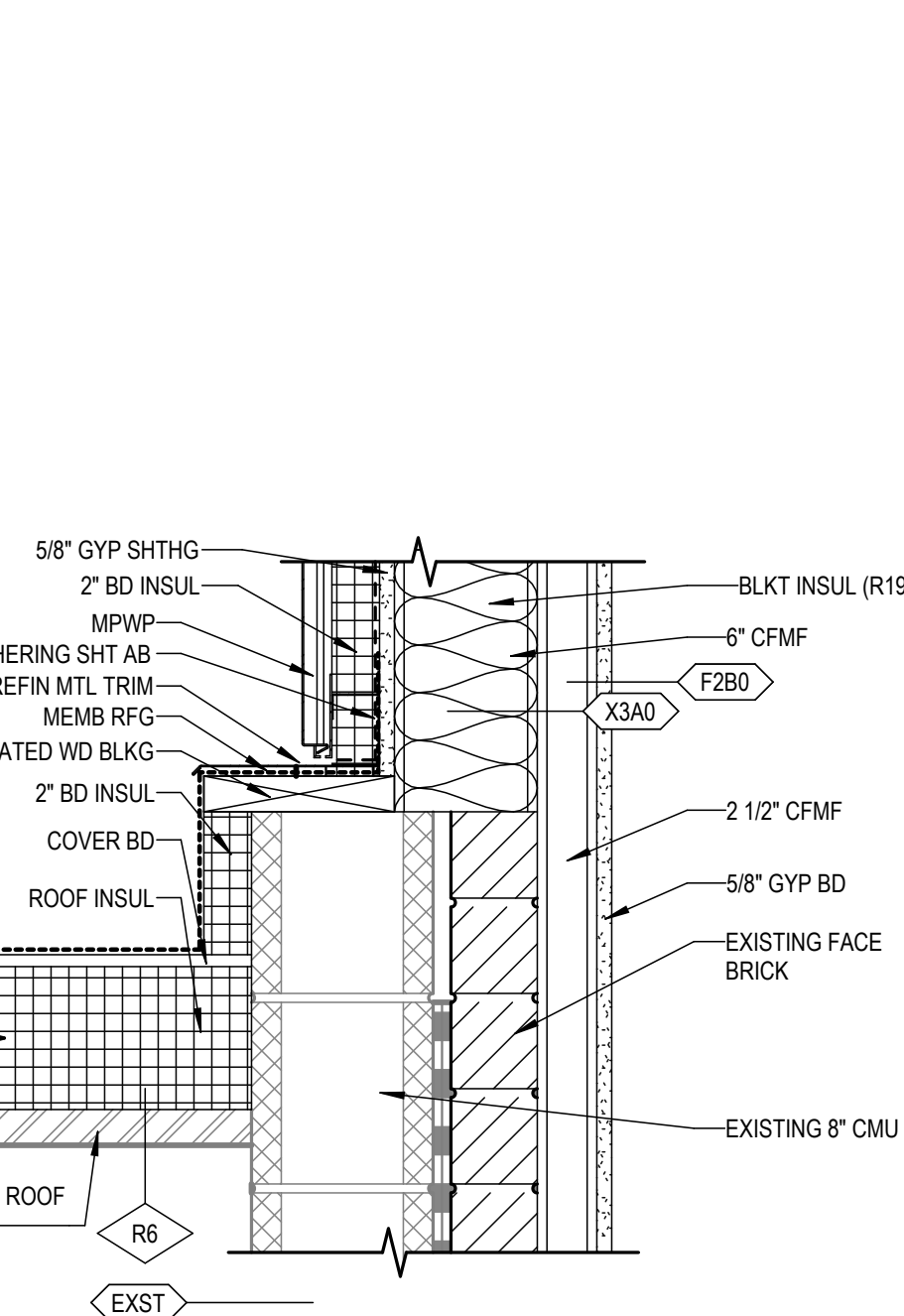
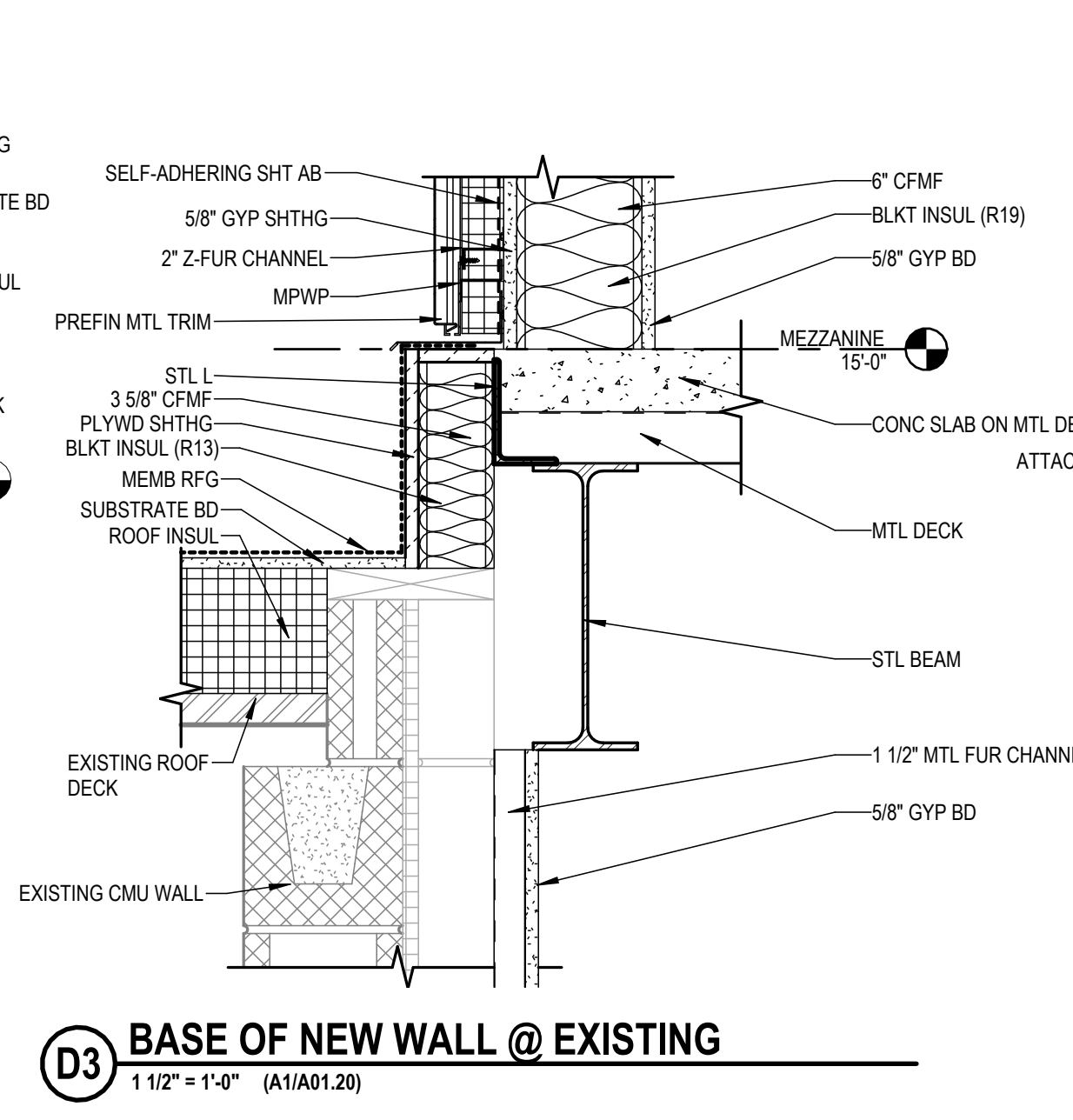
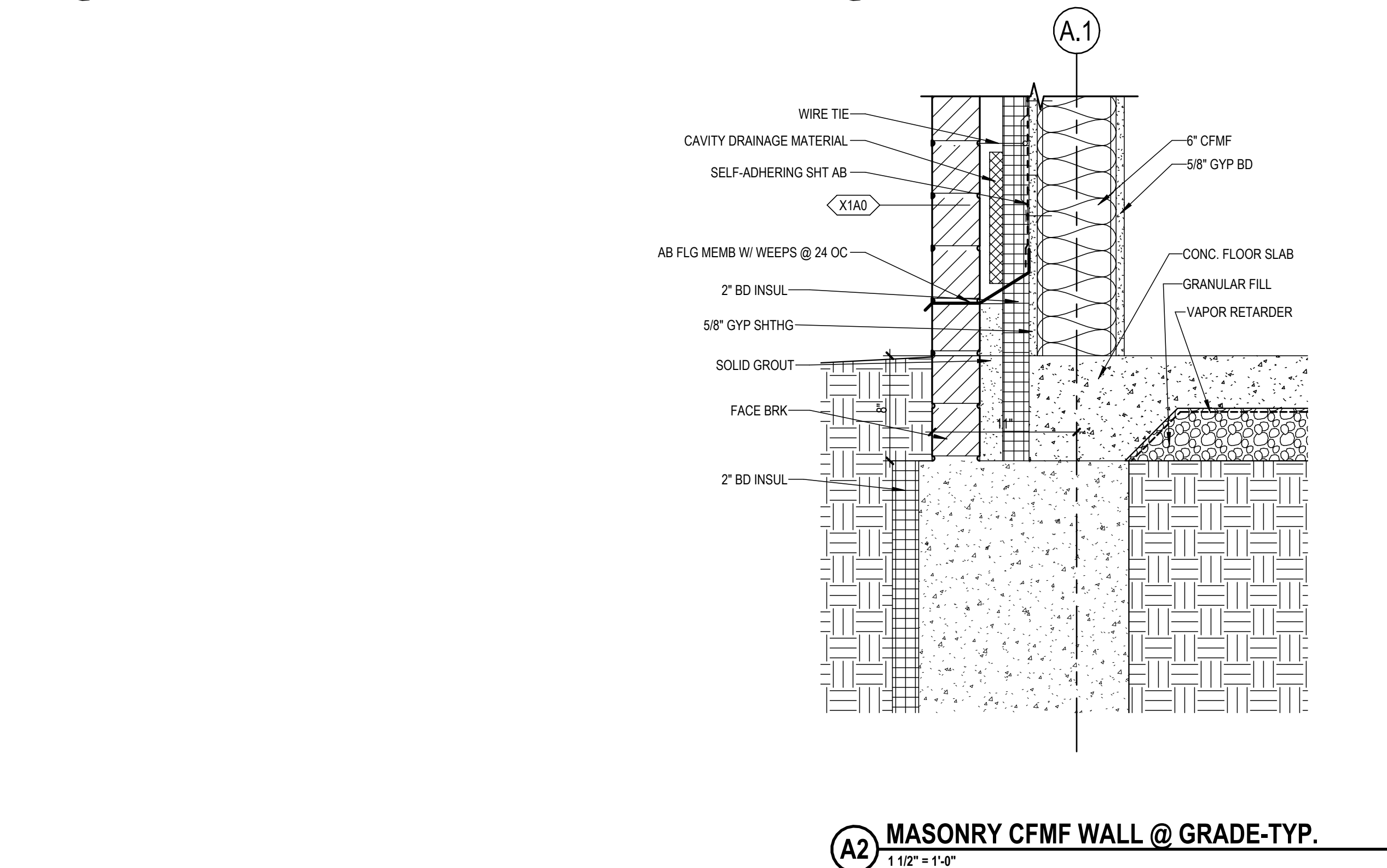
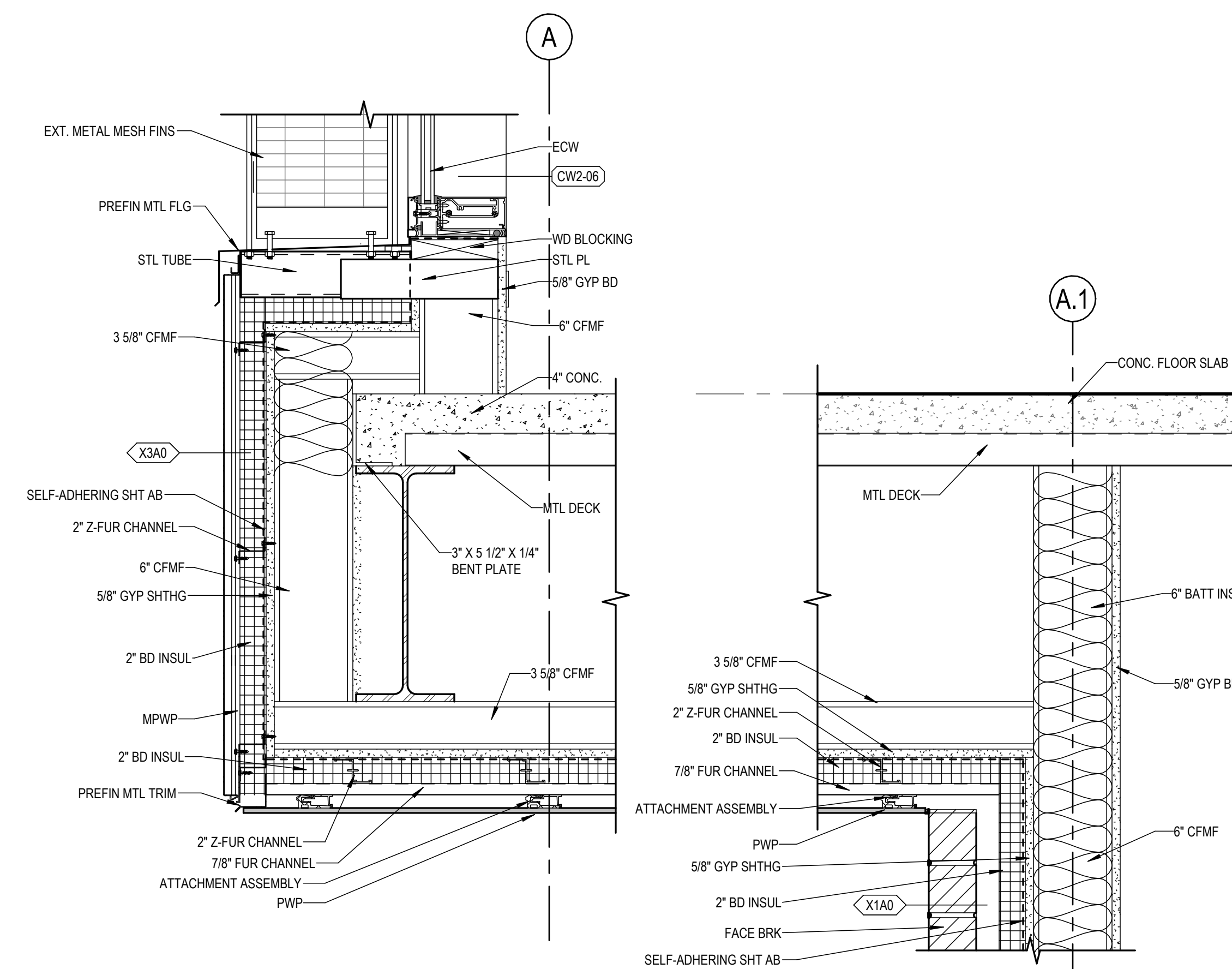
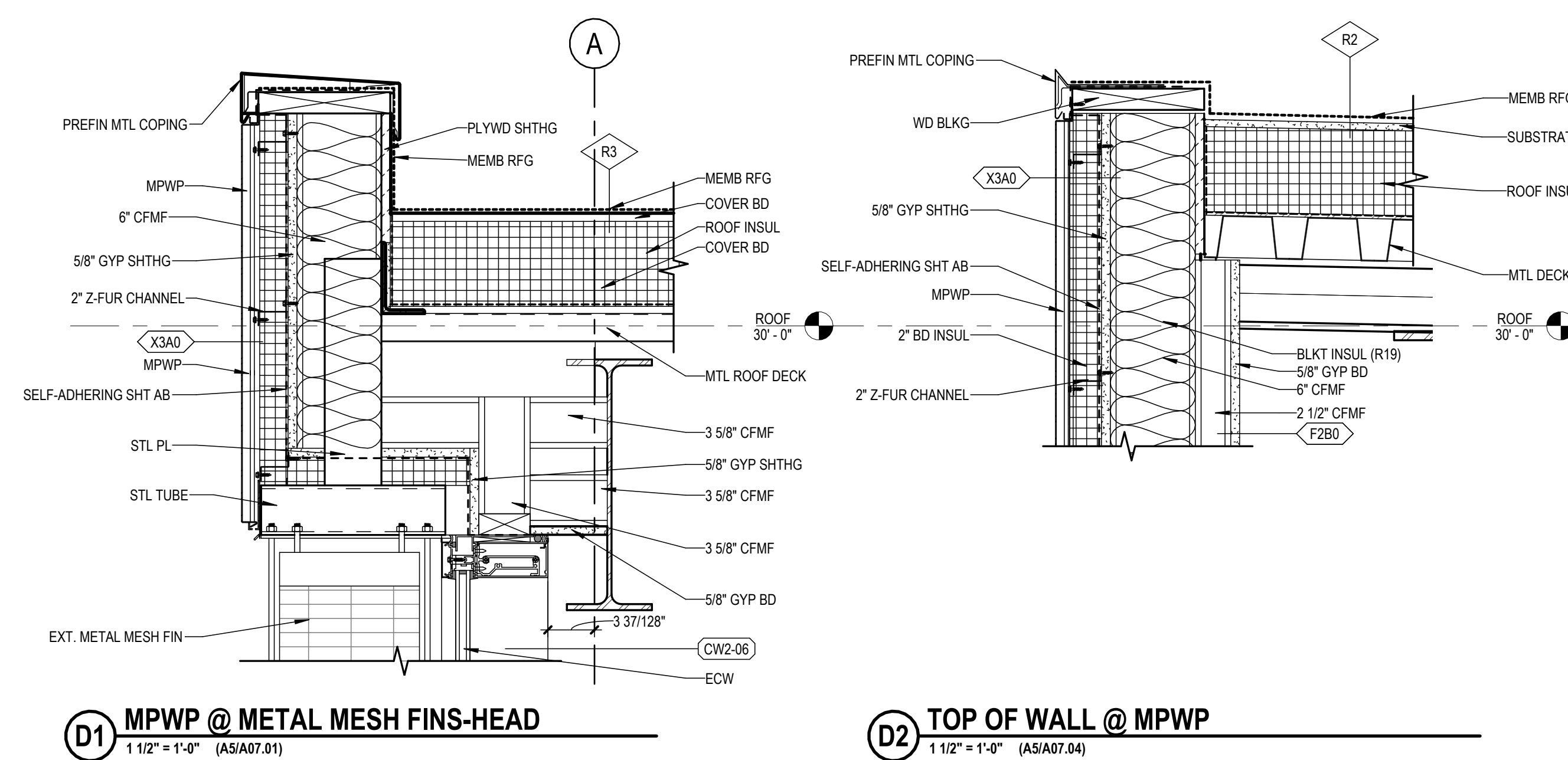
E

D

C

B

A



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ISSUED FOR	CONSTRUCTION DOCUMENTS
ISSUANCE	DATE
PROJECT NO.	R3065.024.00

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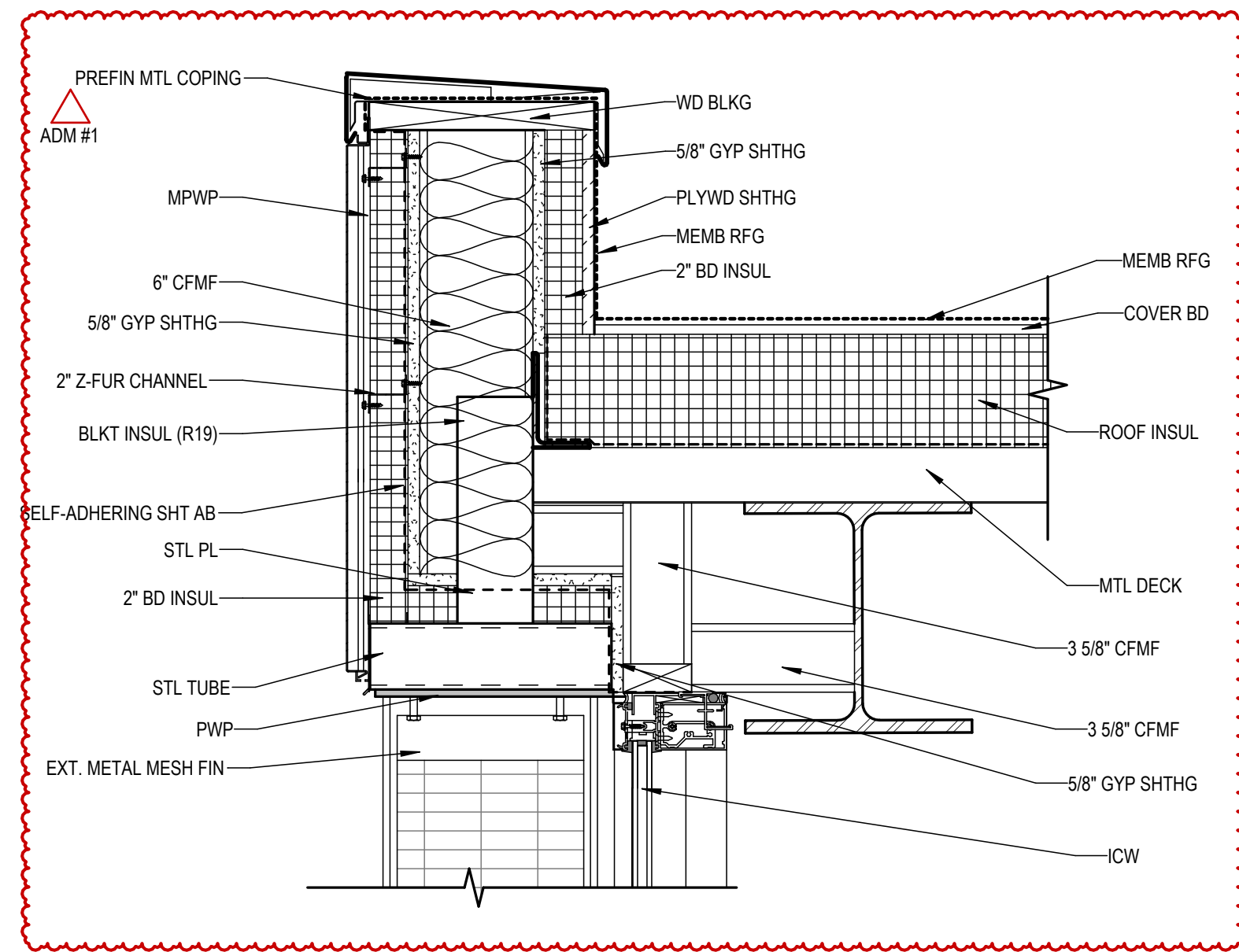
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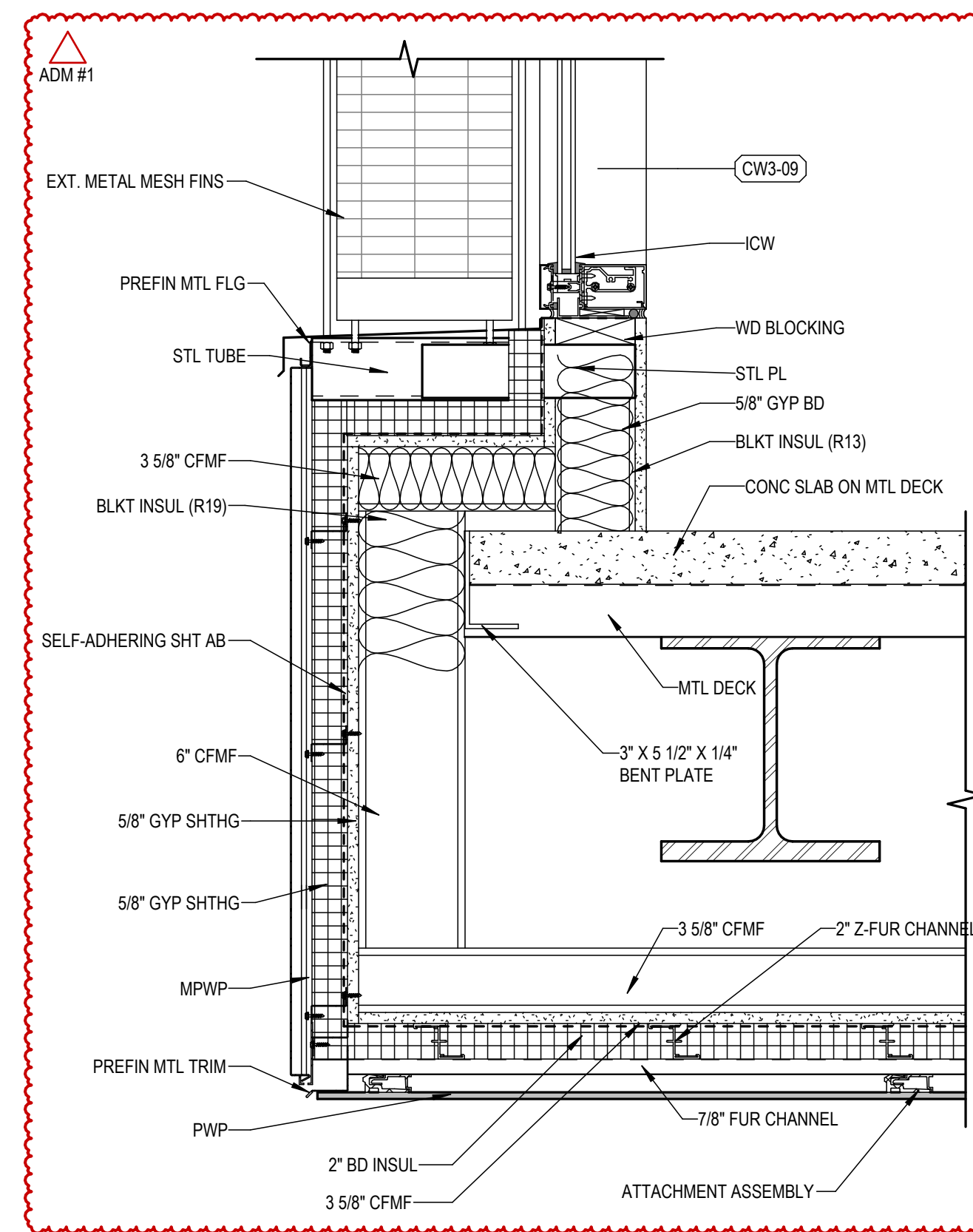
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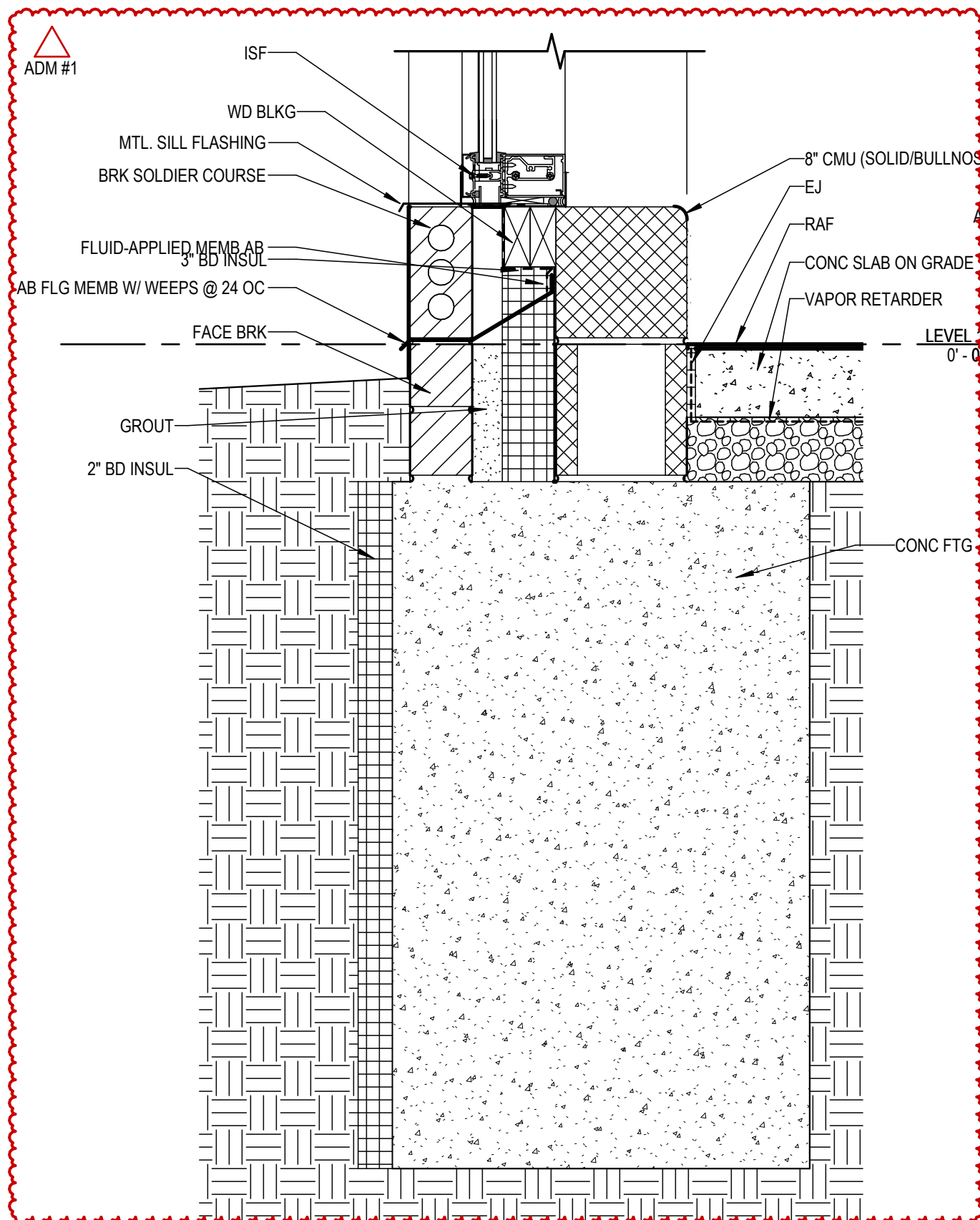
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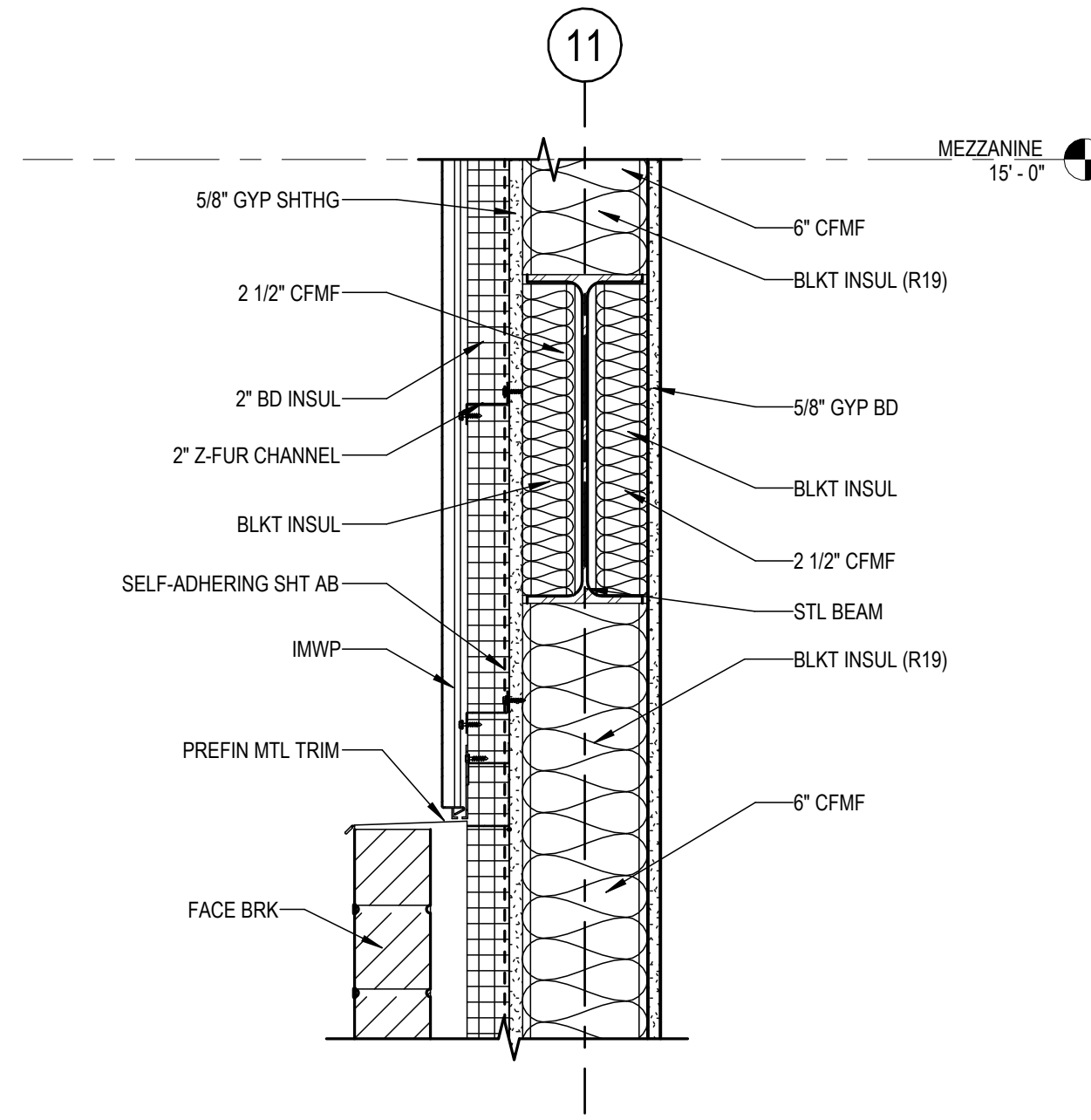
D1 MPWP @ METAL MESH FINS-HEAD
1 1/2" = 1'-0" (A1A07.01)



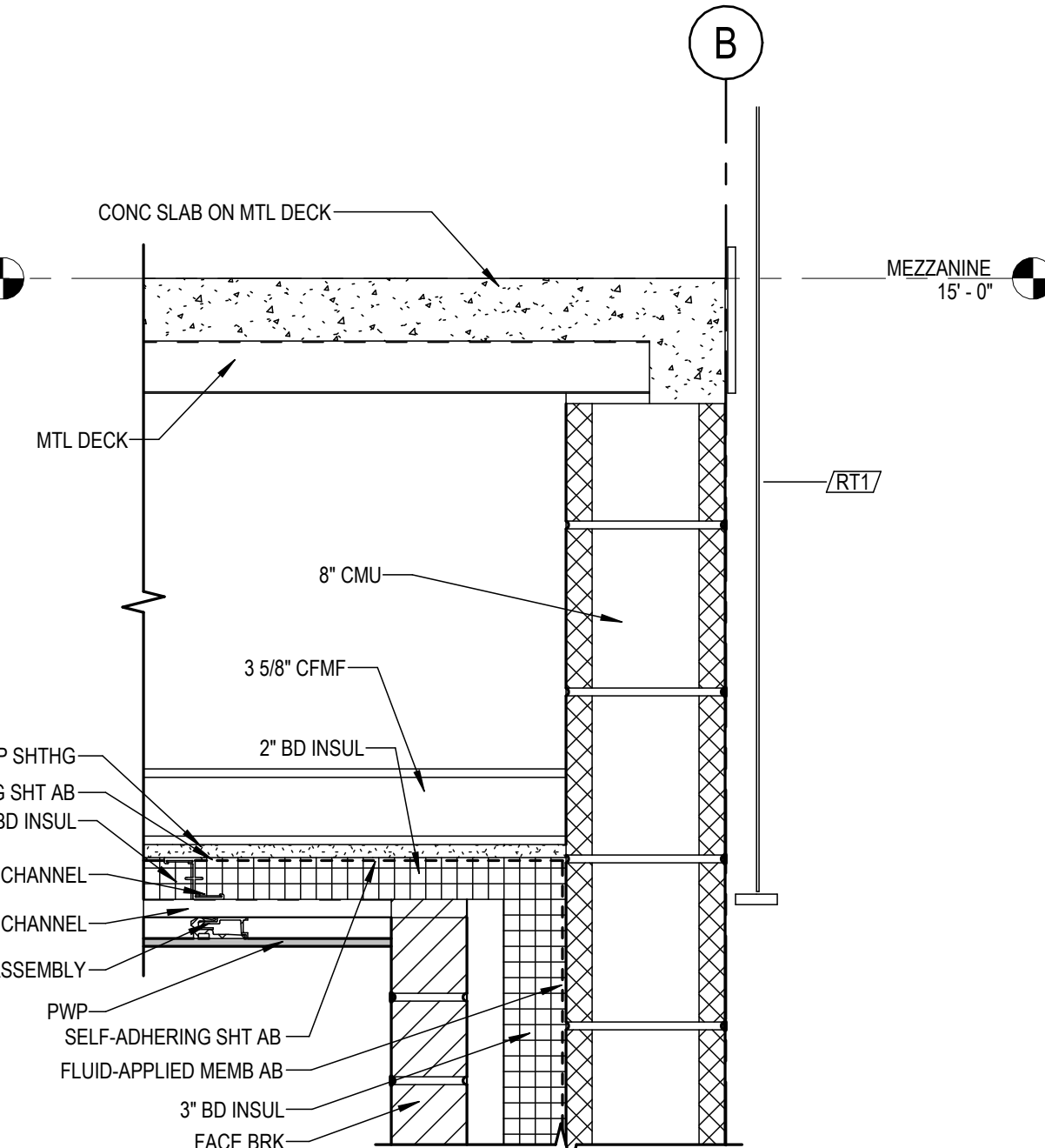
C1 MPWP @ METAL MESH FINS-SILL
1 1/2" = 1'-0"



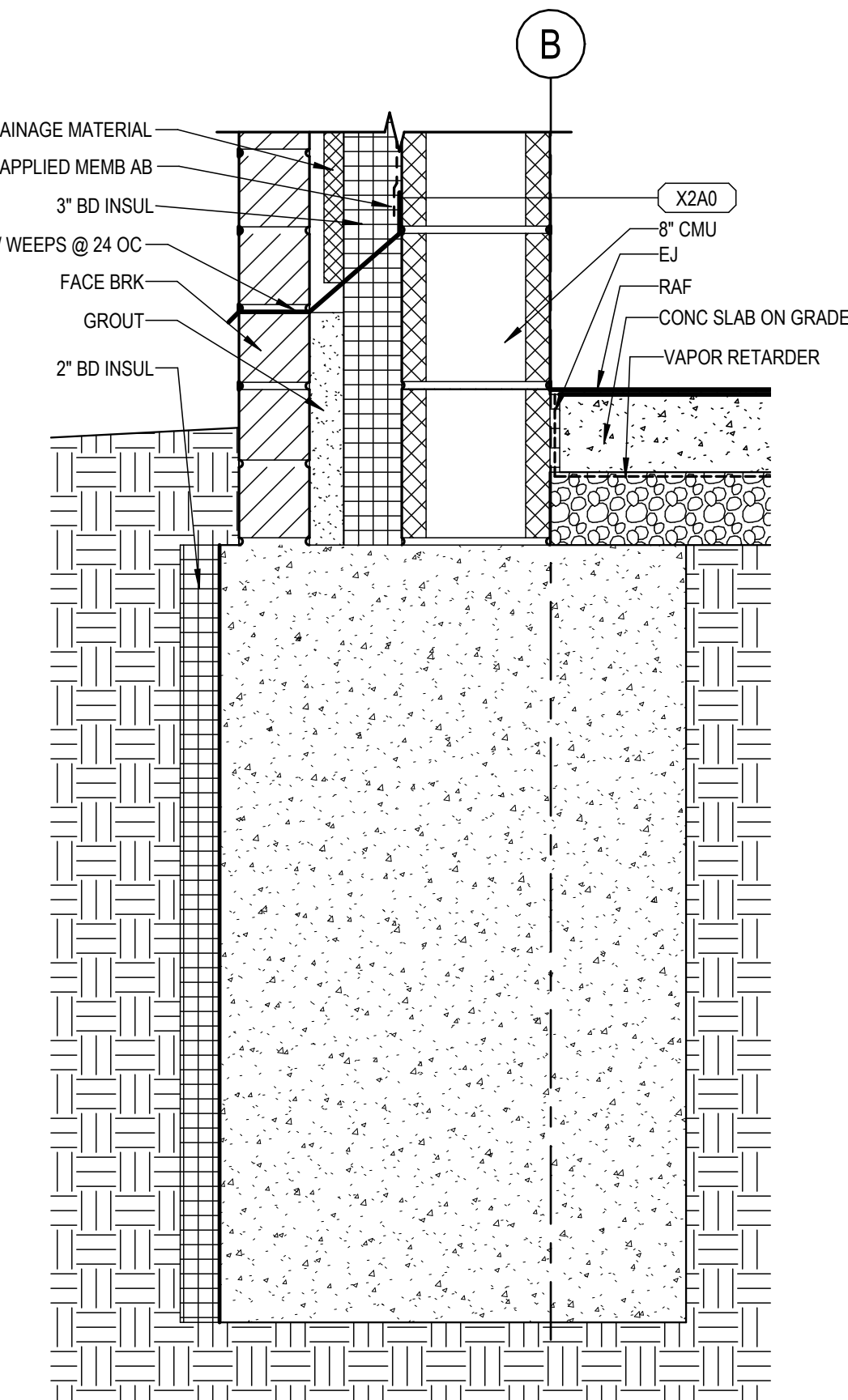
A2 EXT. STOREFRONT SILL @ BASE
1 1/2" = 1'-0" (A1A07.01)



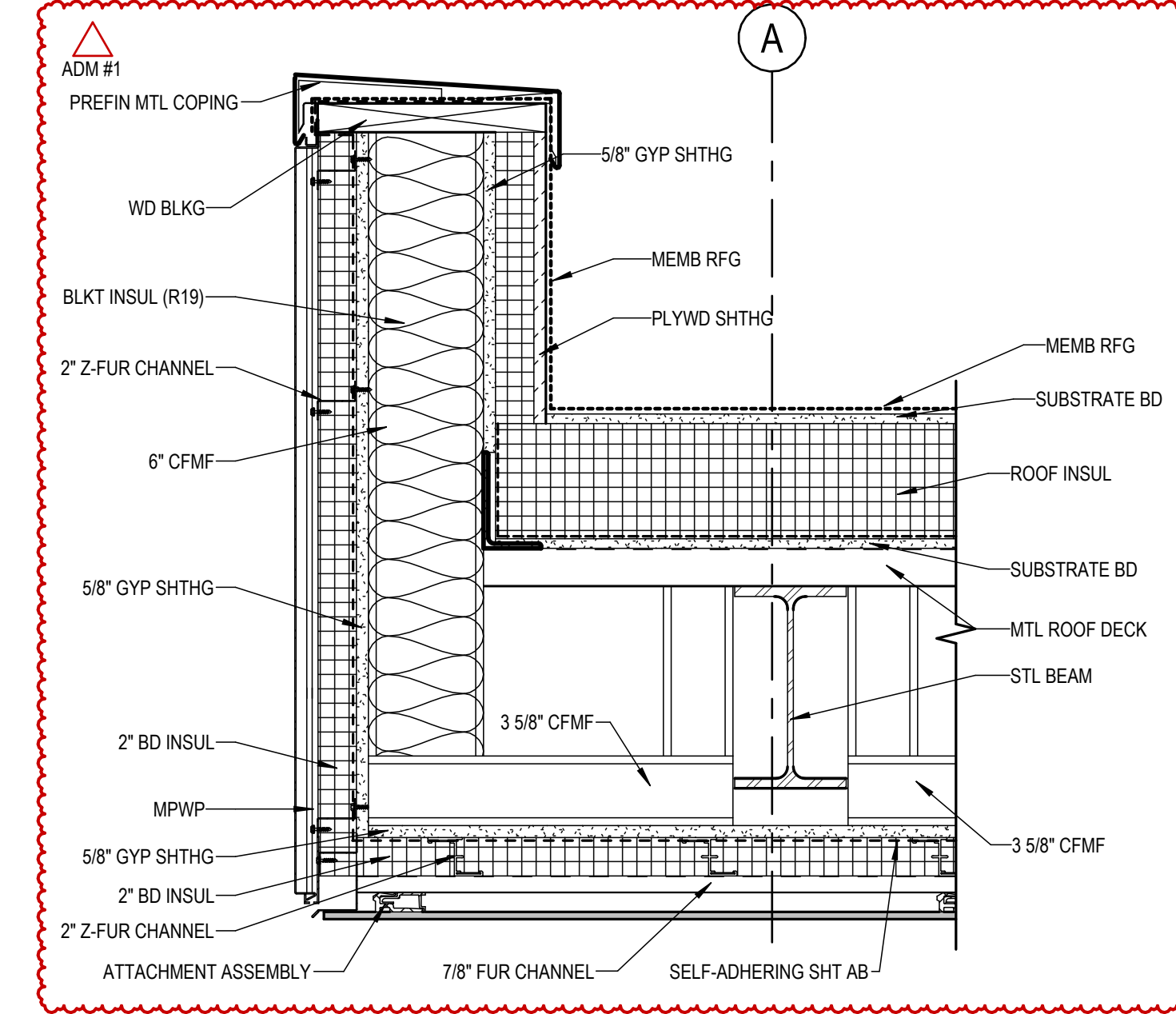
D4 MASONRY @ MTL. PANEL TRANSITION
1 1/2" = 1'-0" (A5A07.02)



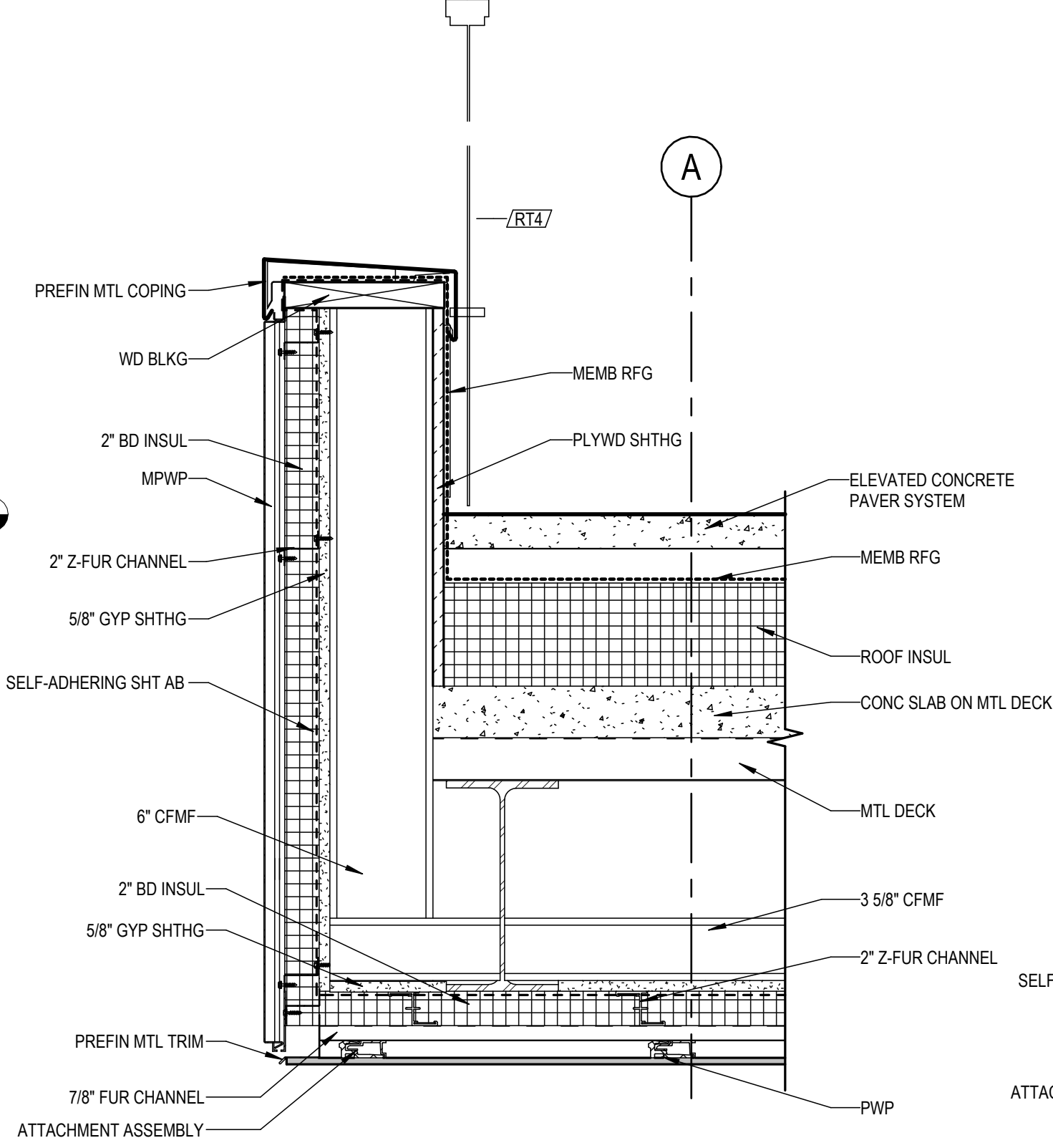
C3 CMU @ SOFFIT TRANSITION & TRACK RAILING
1 1/2" = 1'-0" (A2A07.01)



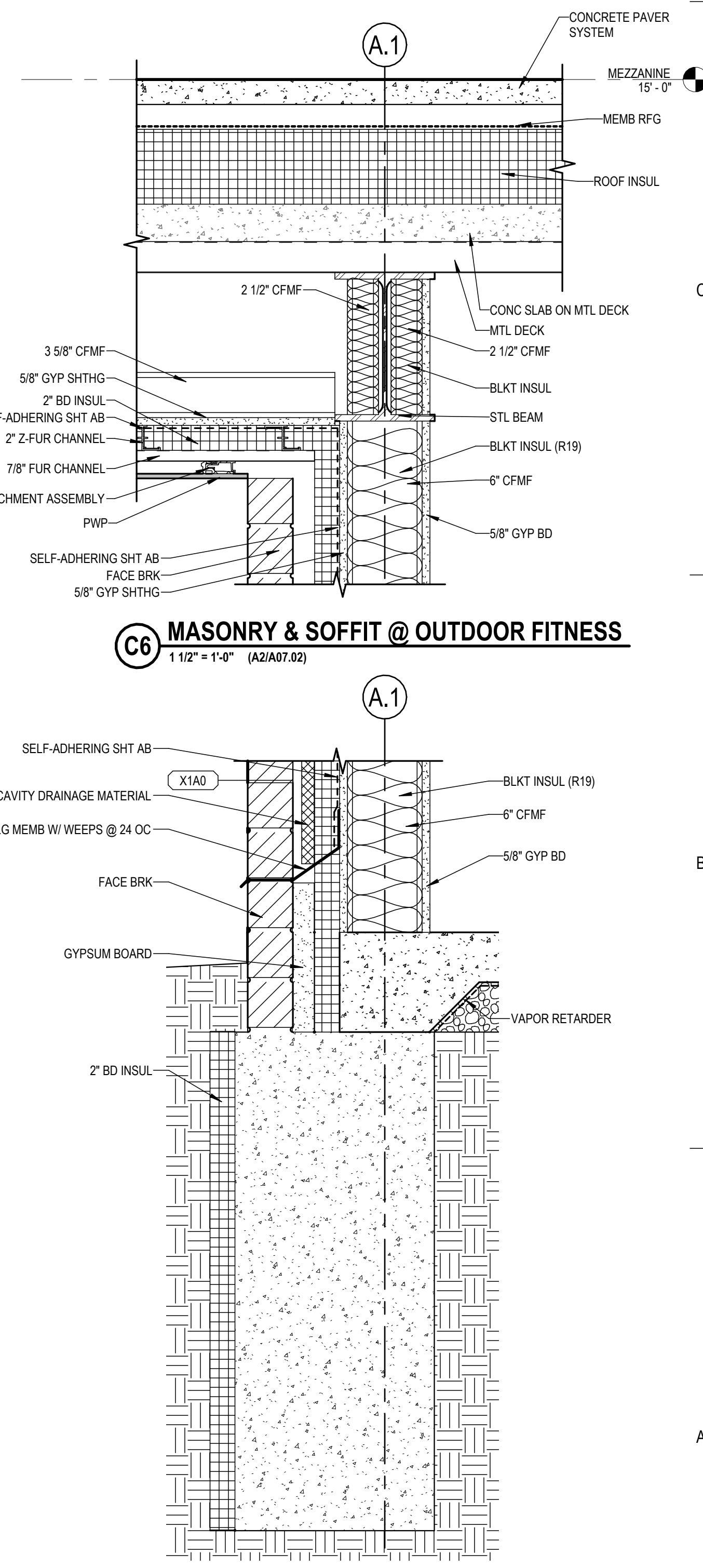
A3 MASONRY CMU WALL @ GRADE-TYP.
1 1/2" = 1'-0"



D5 MPWP PARAPET @ SOFFIT
1 1/2" = 1'-0" (A2A07.02)

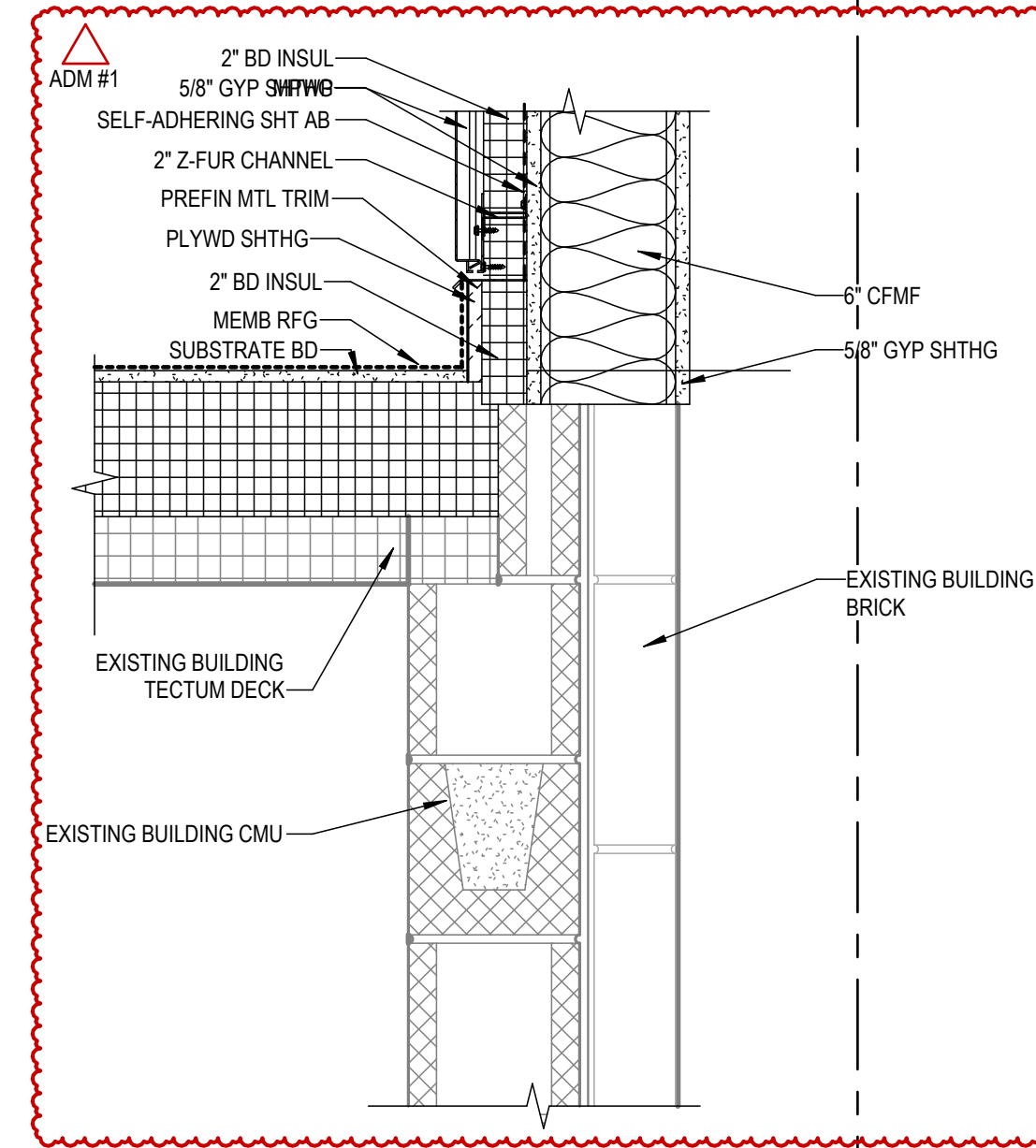


C5 MPWP & SOFFIT @ OUTDOOR FITNESS
1 1/2" = 1'-0"

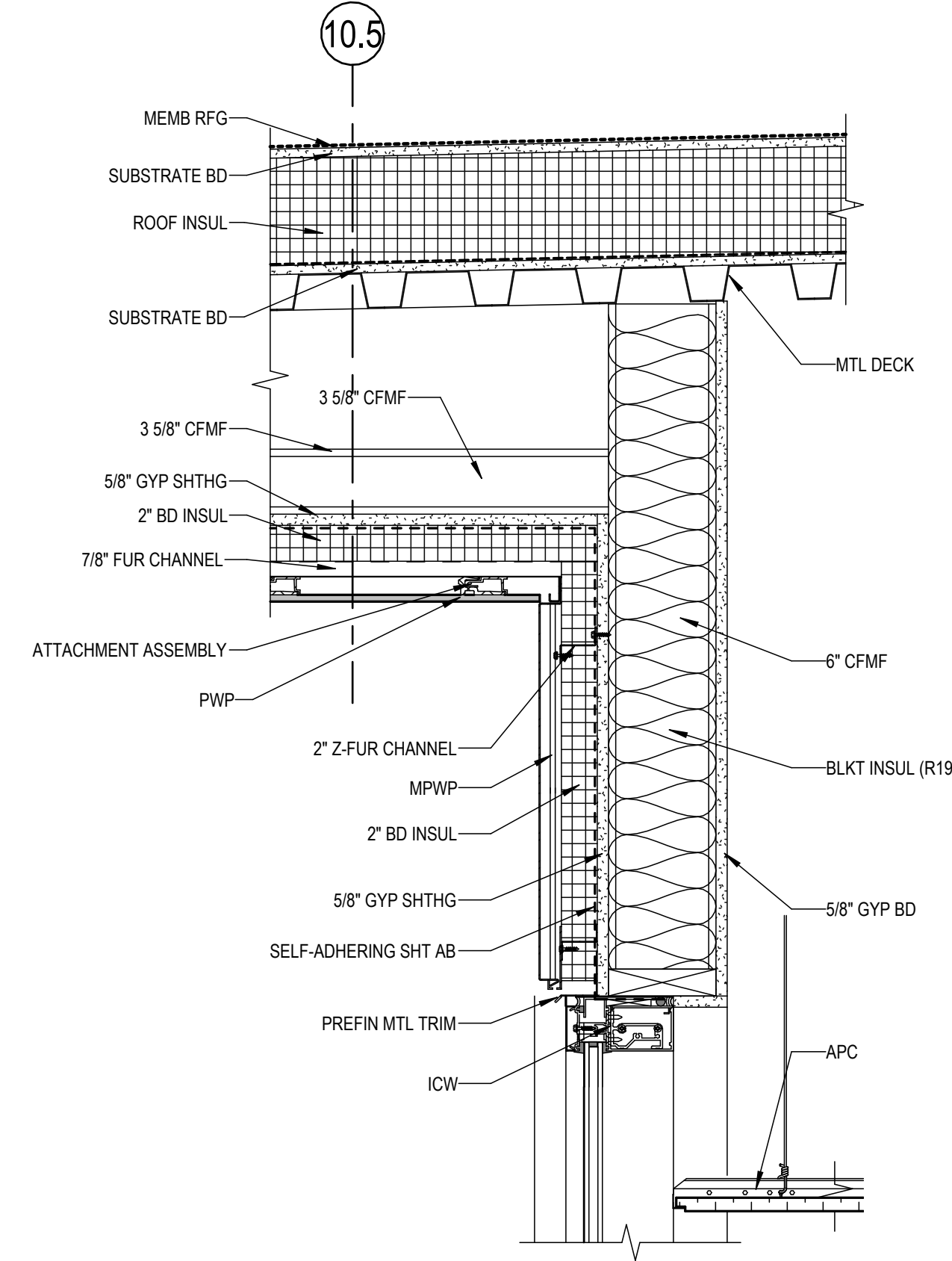


A6 MASONRY CFMF WALL @ GRADE-TYP.
1 1/2" = 1'-0"

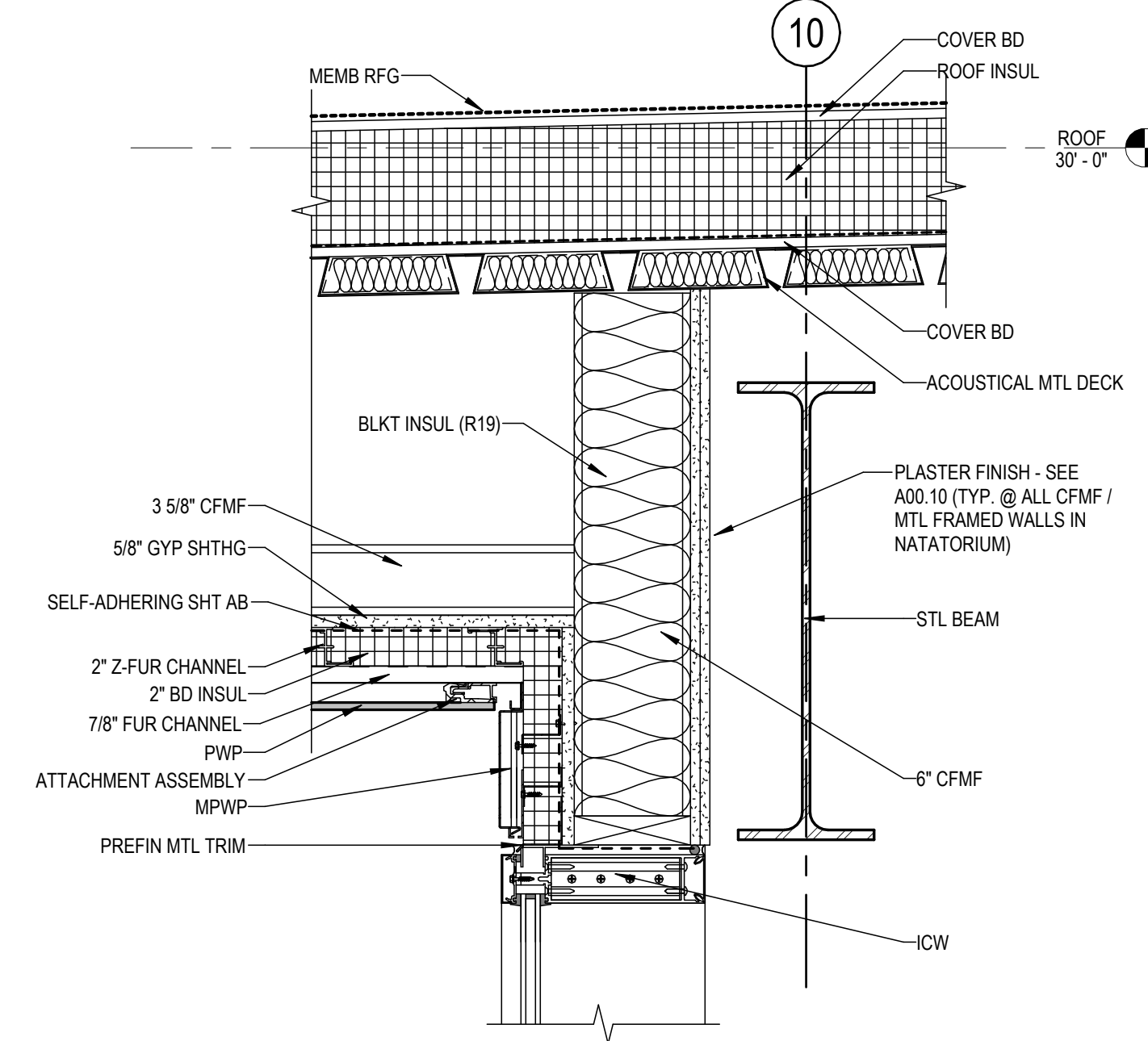




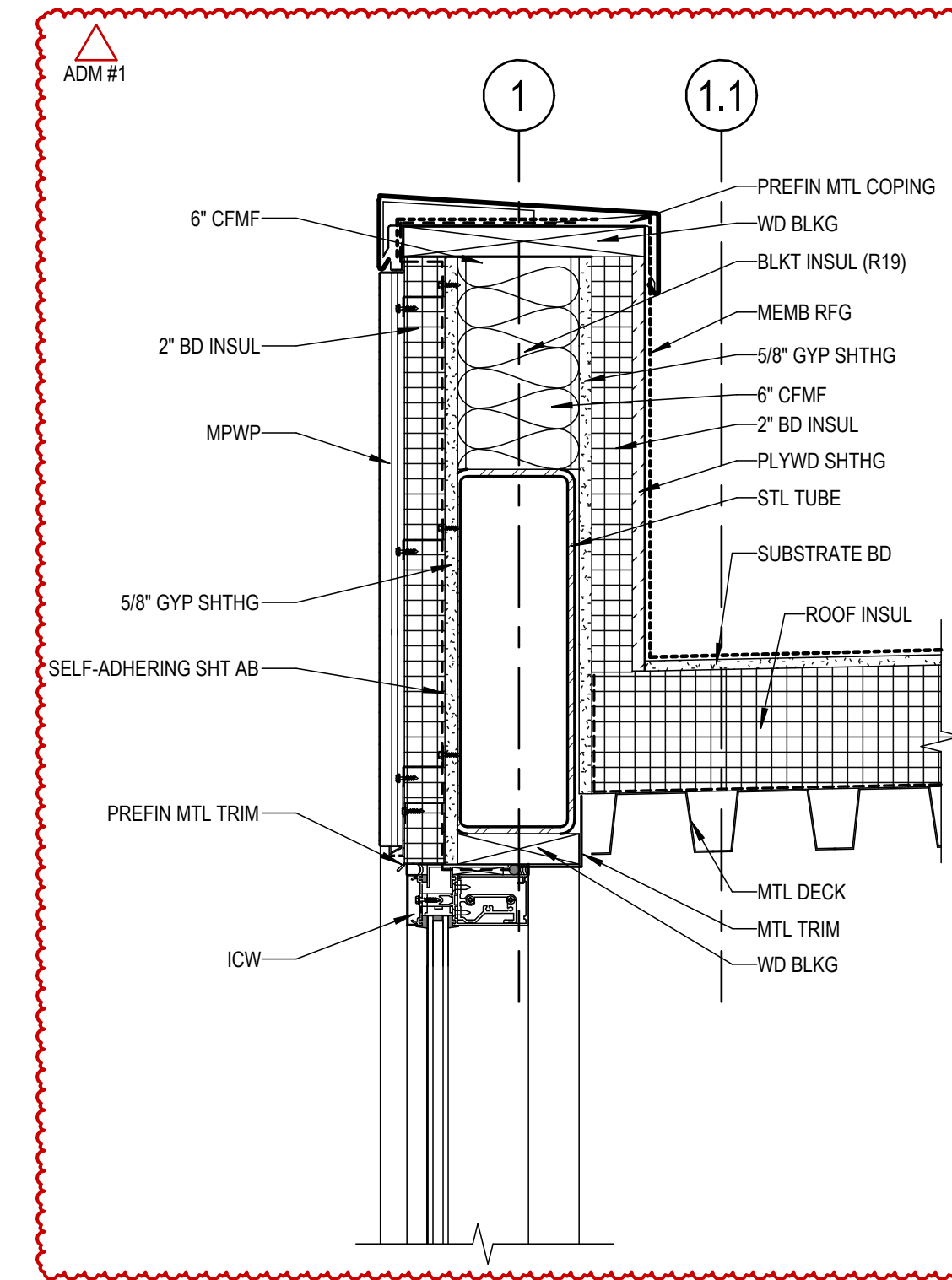
D1 MPWP @ EXIST. ROOF & CMU
1 1/2" = 1'-0"



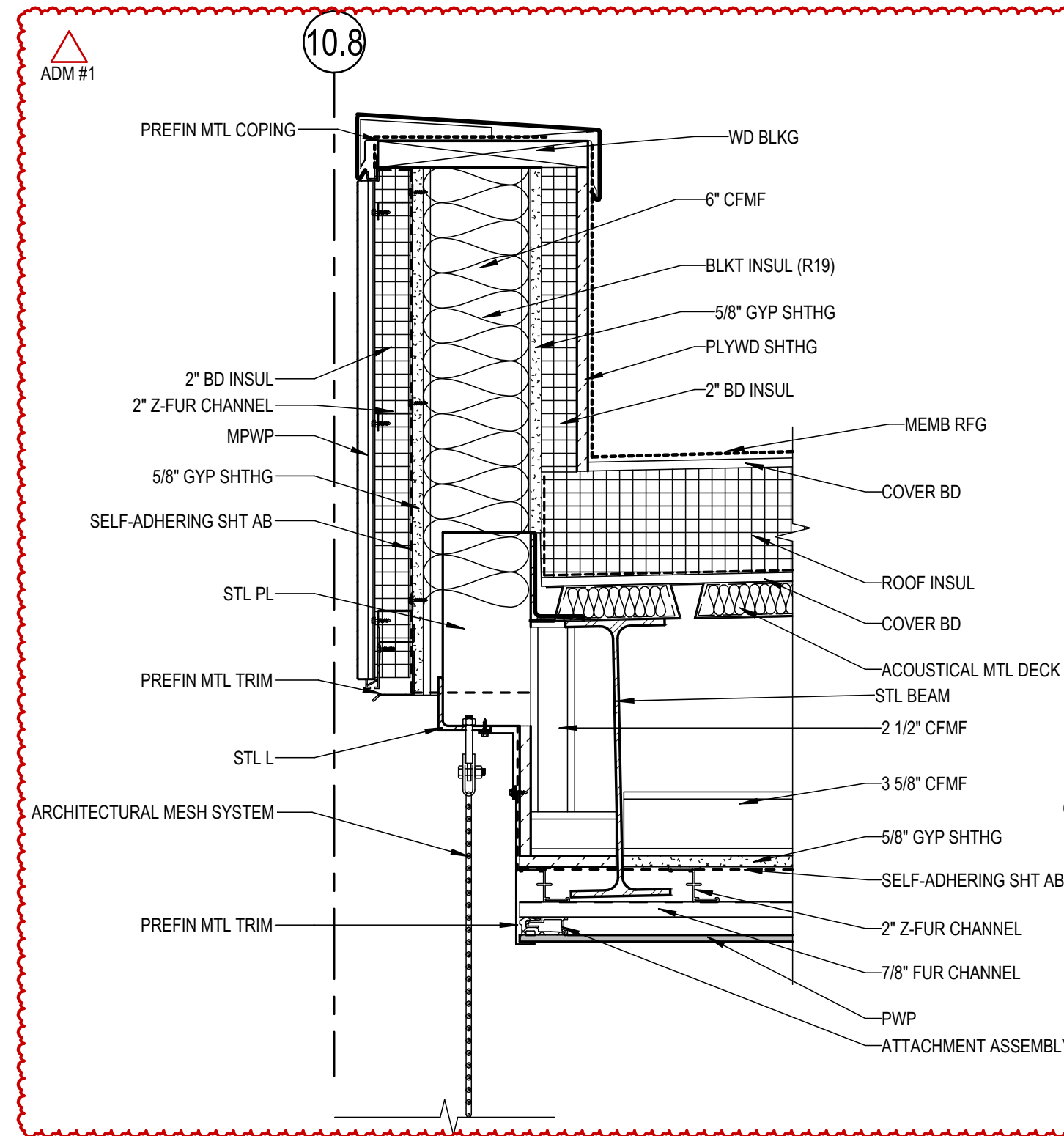
D3 EXT. STOREFRONT HEAD @ MPWP & SOFFIT
1 1/2" = 1'-0"



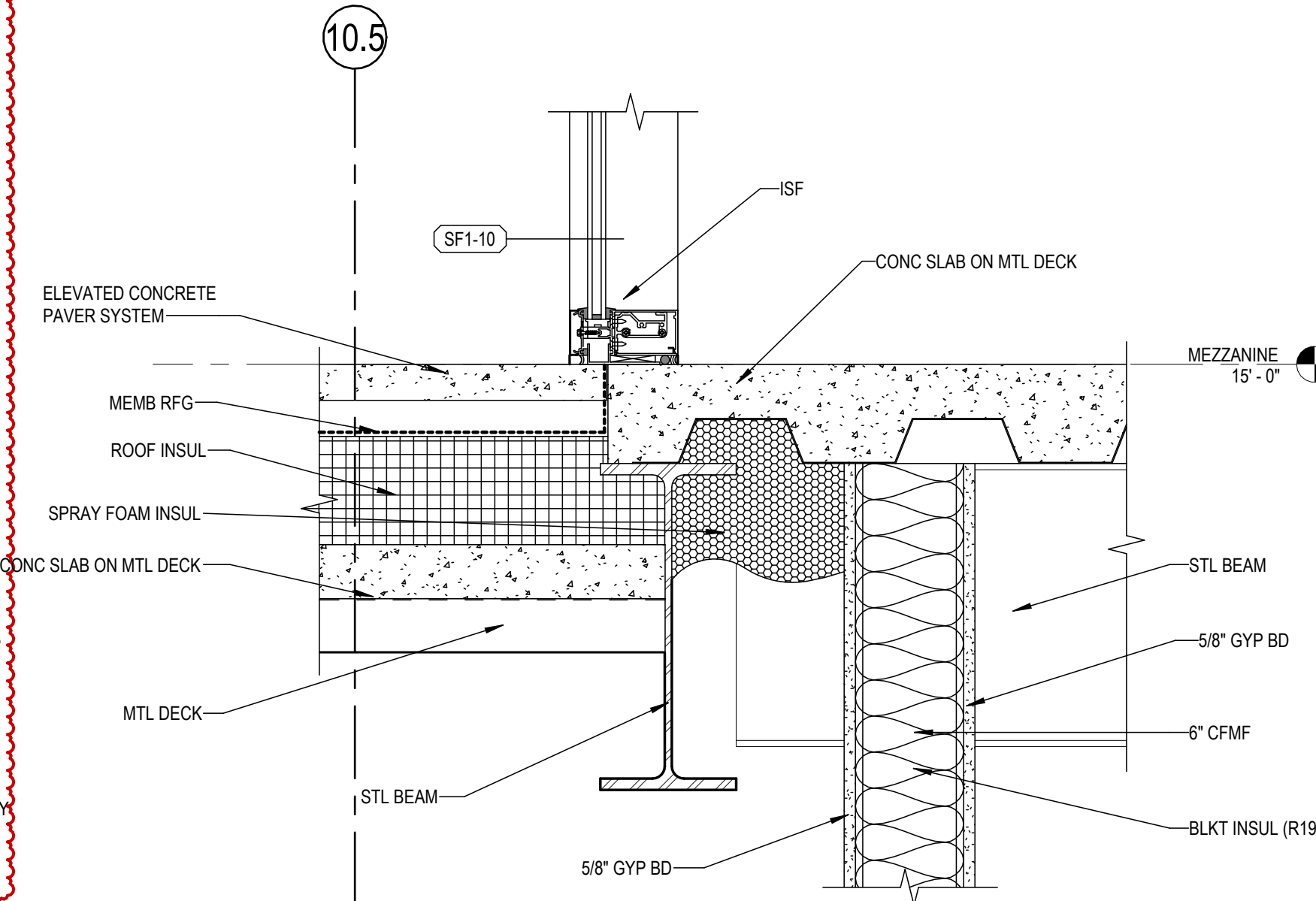
D4 CURTAINWALL HEAD @ NATATORIUM
1 1/2" = 1'-0" (A1/A07.03)



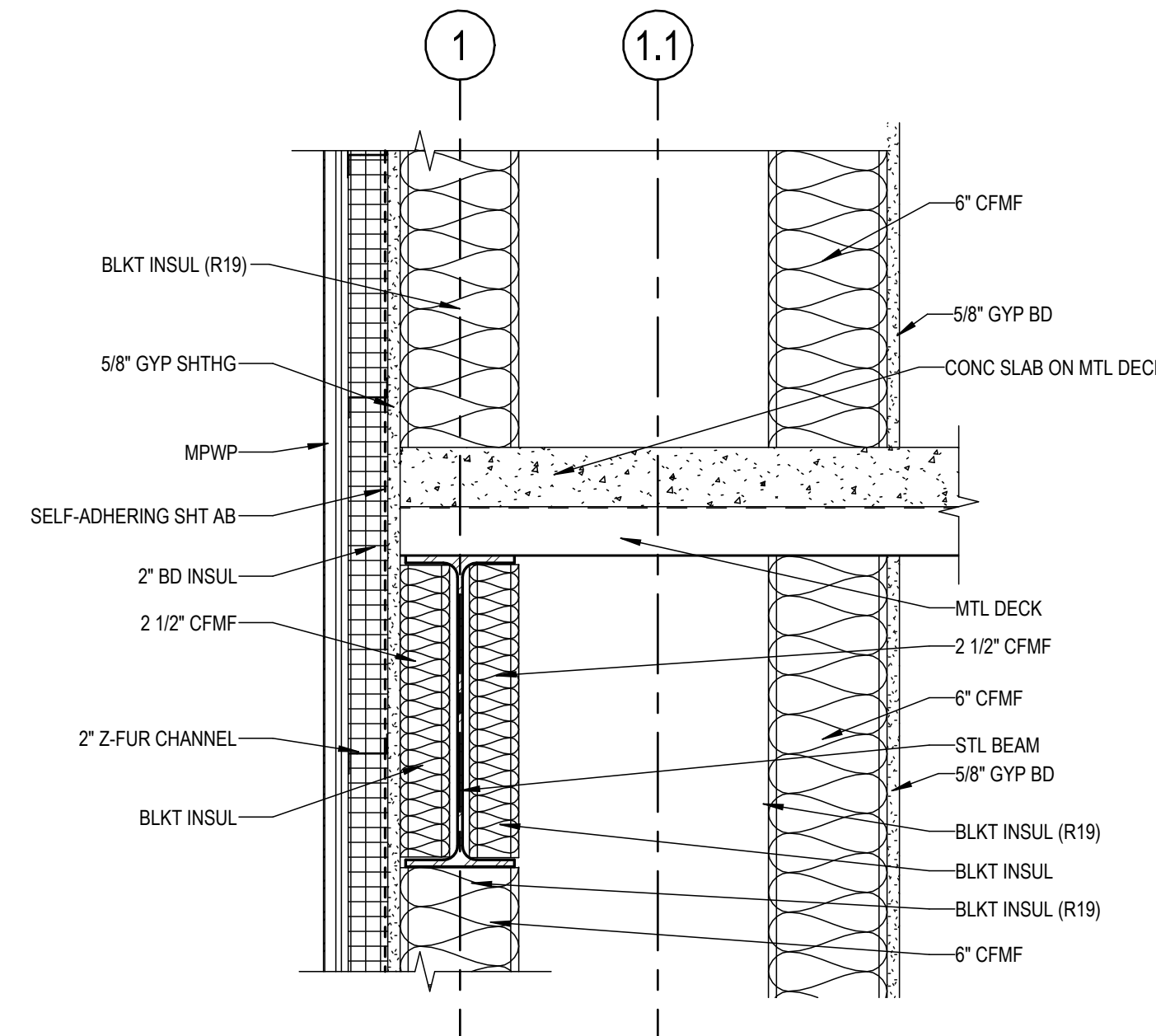
D5 CURTAINWALL HEAD @ NORTH STAIR
1 1/2" = 1'-0"



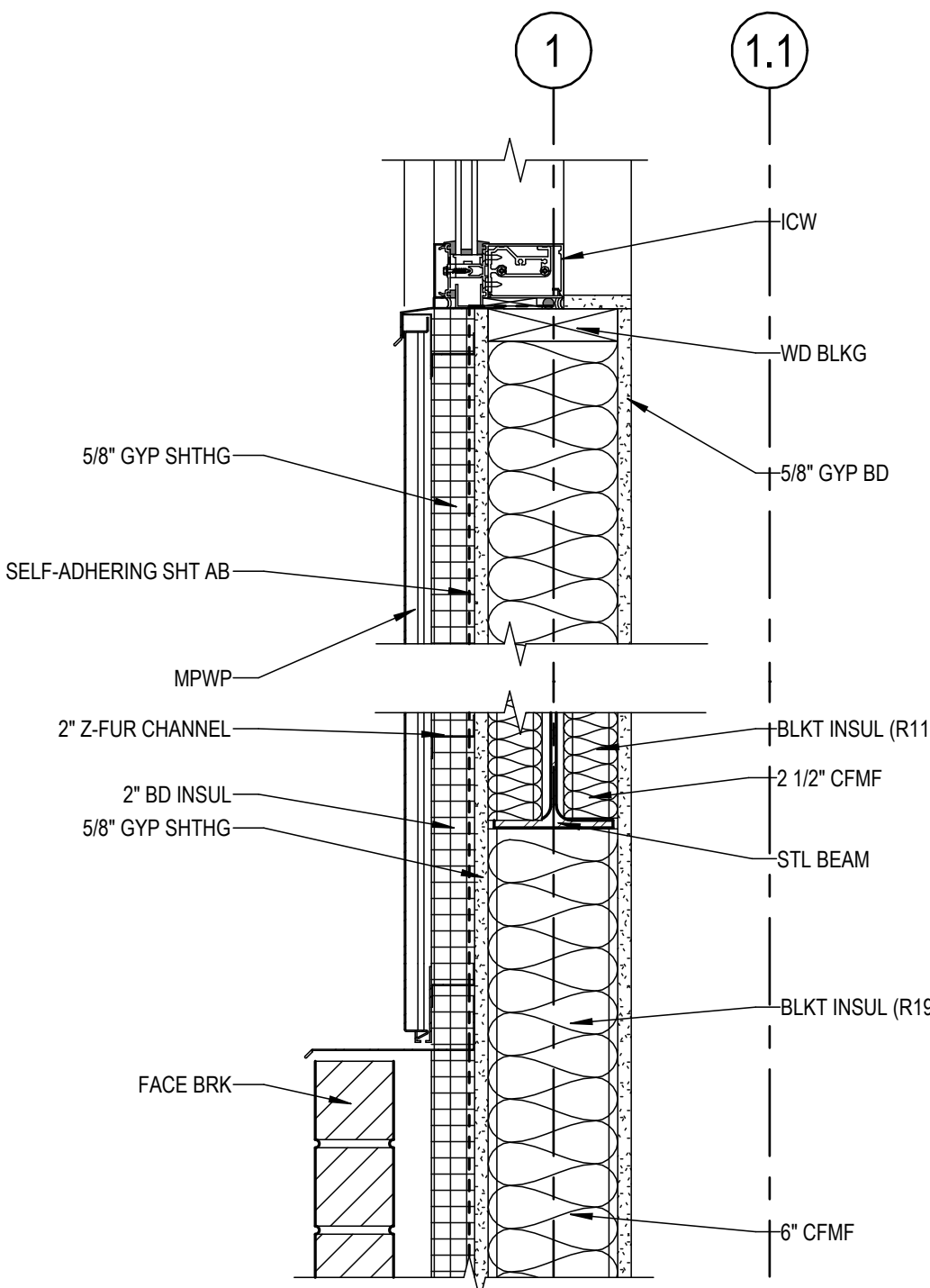
B1 MTL. MESH HEAD @ NATATORIUM
1 1/2" = 1'-0"



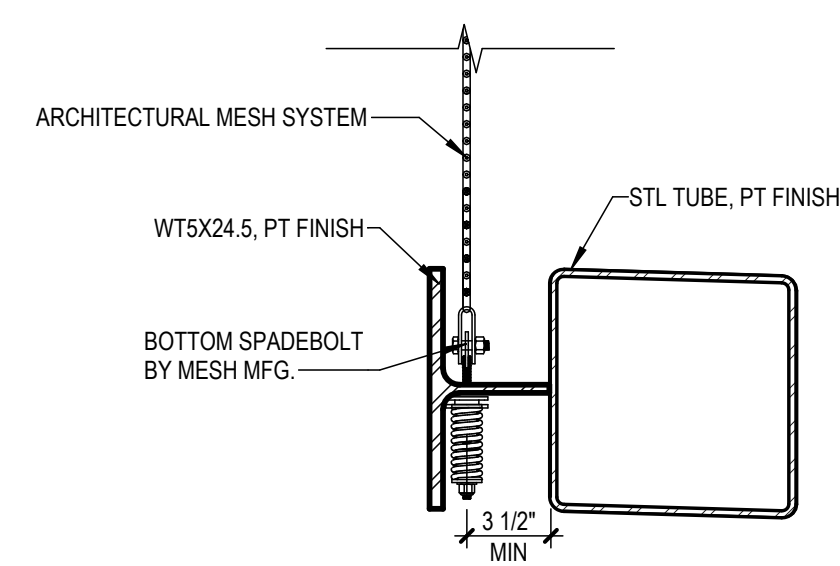
B3 FLOOR TRANSITION @ OUTDOOR FITNESS
1 1/2" = 1'-0" (A4/A07.02)



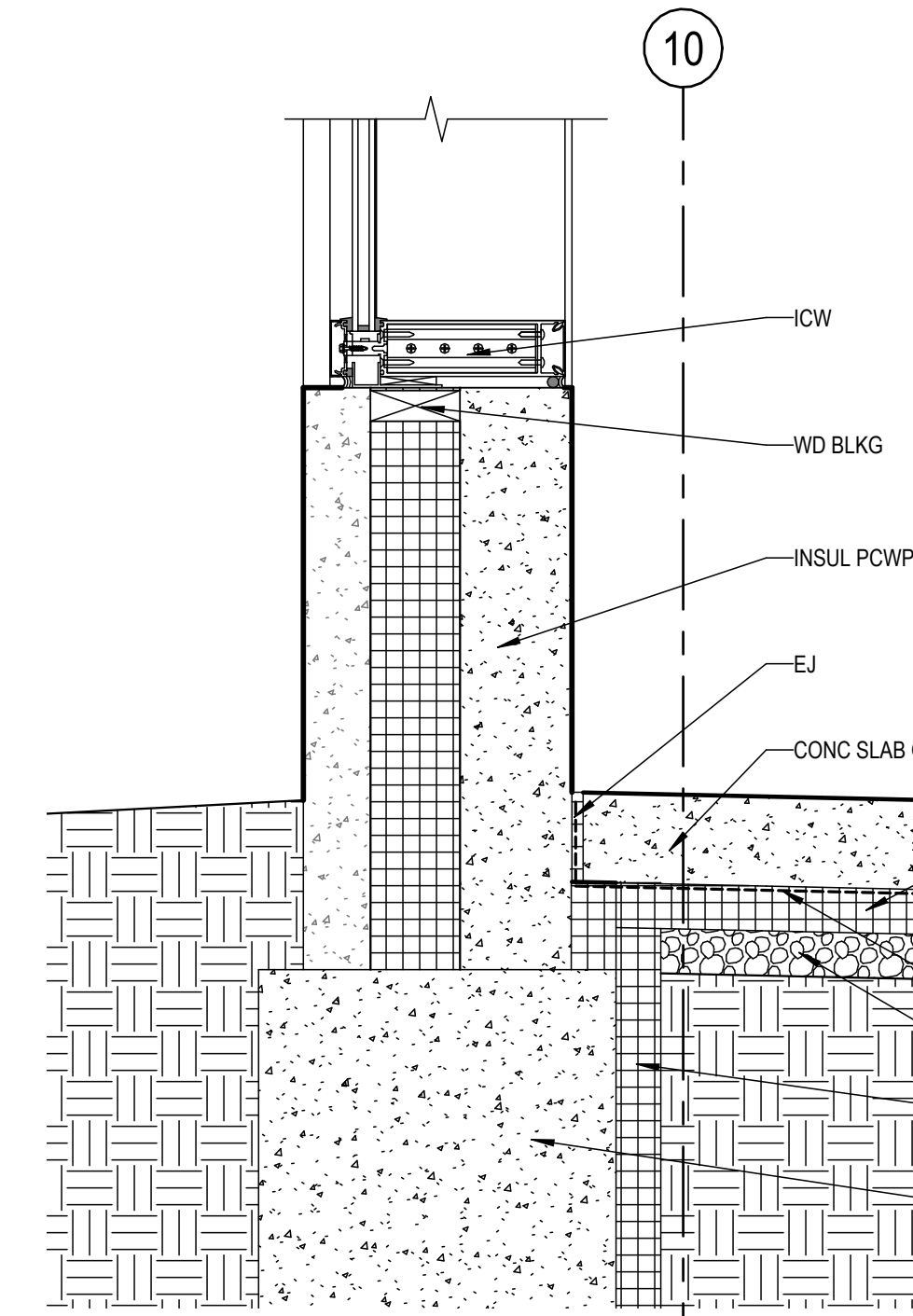
B4 MPWP @ NORTH VESTIBULE
1 1/2" = 1'-0" (A2/A07.05)



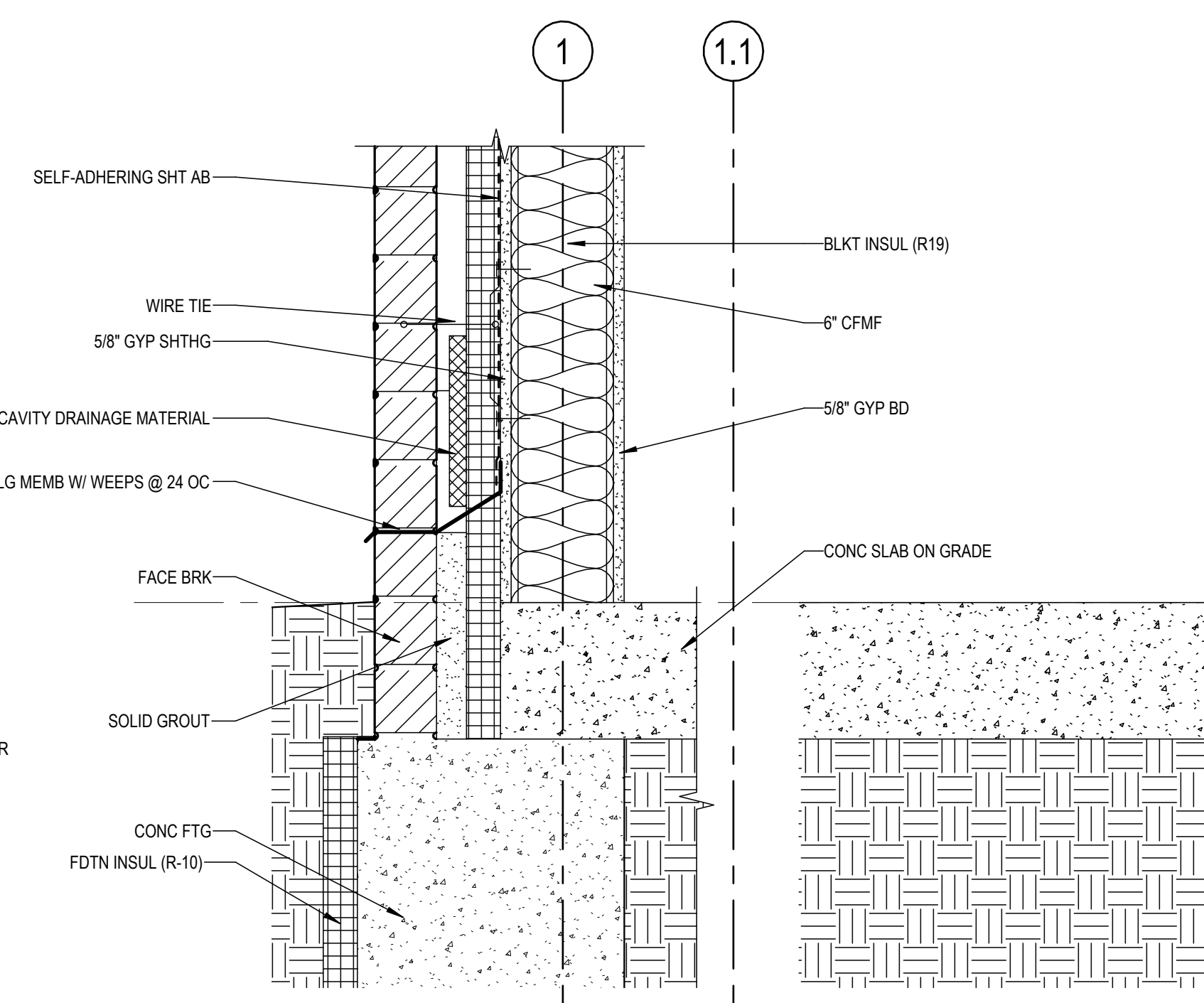
B5 EXT. STOREFRONT @ MPWP & MASONRY
1 1/2" = 1'-0" (A3/A07.05)



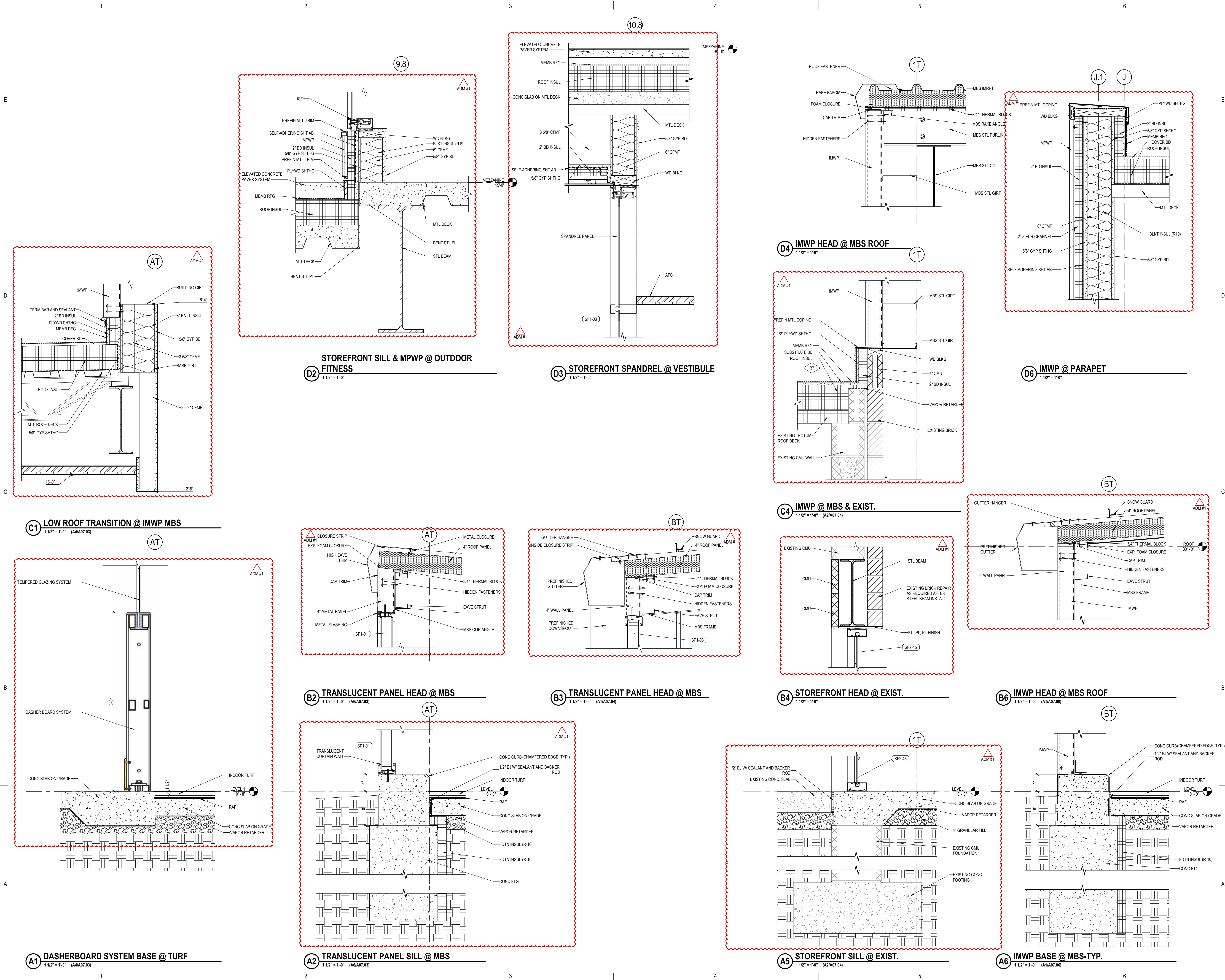
A1 BOTTOM STRUCTURE @ EXT. MTL. MESH
1 1/2" = 1'-0" (A1/A07.03)

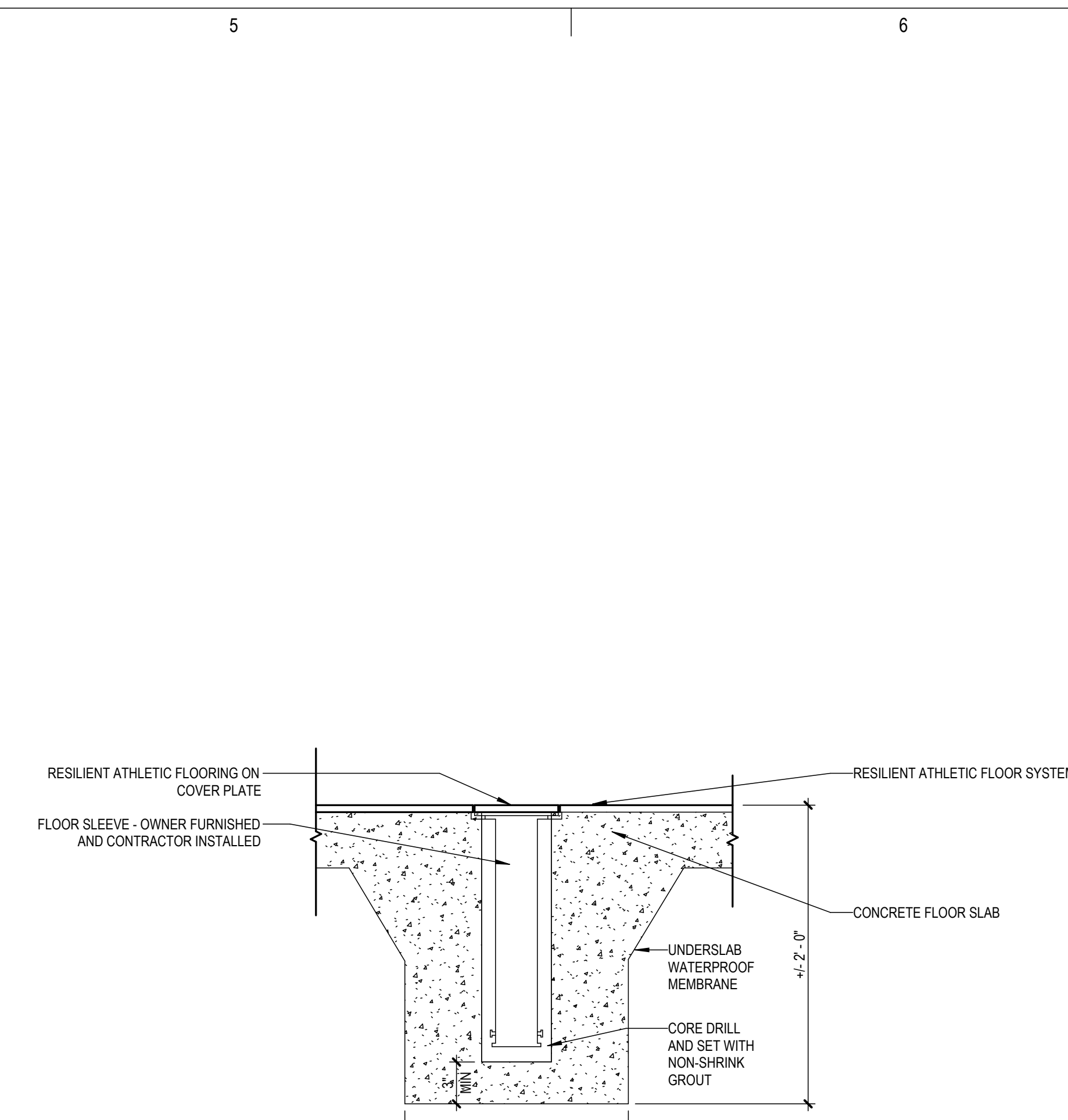


A4 CURTAINWALL SILL @ EXT. PRECAST
1 1/2" = 1'-0" (A1/A07.03)



A5 MASONRY BASE - TYP.
1 1/2" = 1'-0" (A2/A07.05)

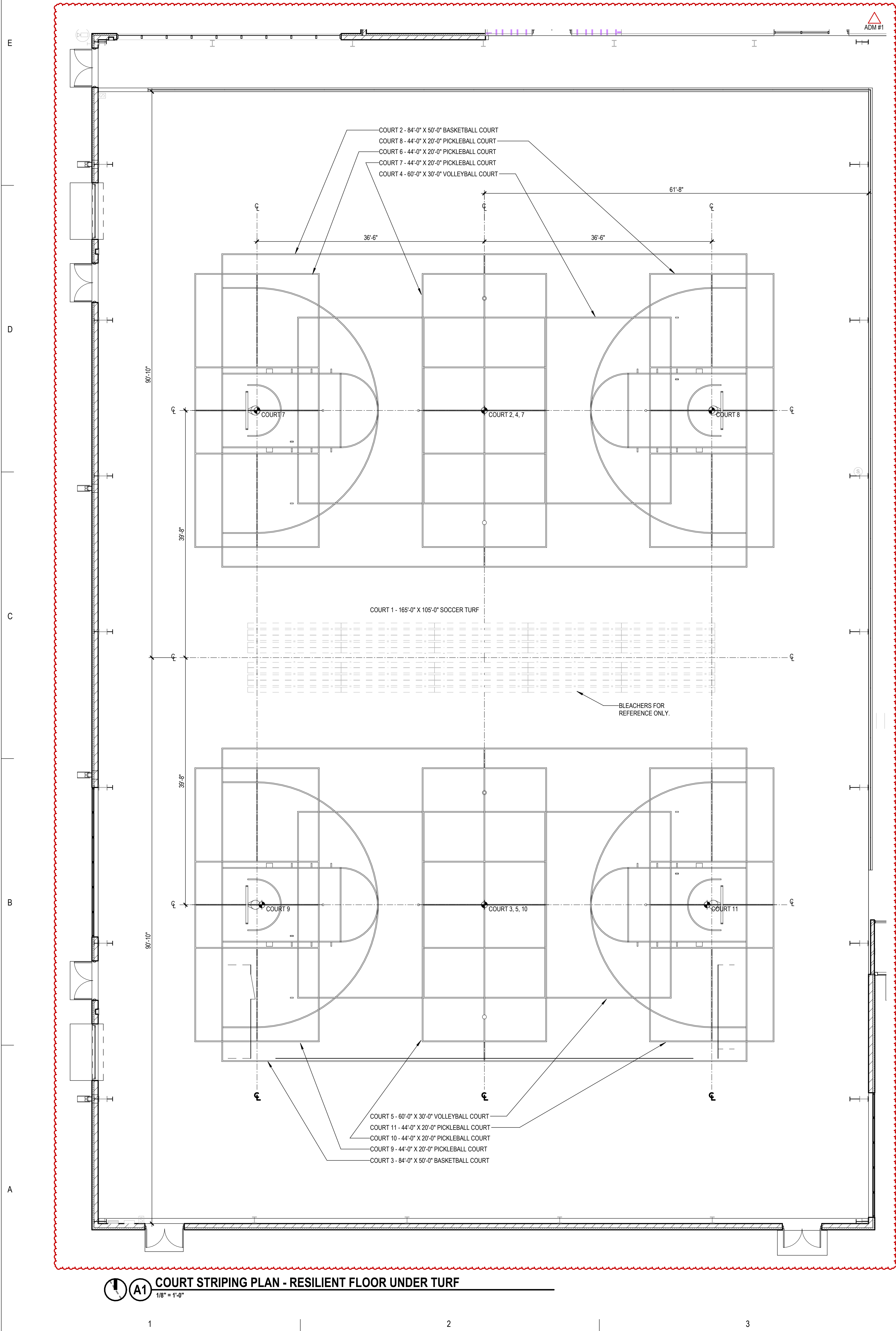




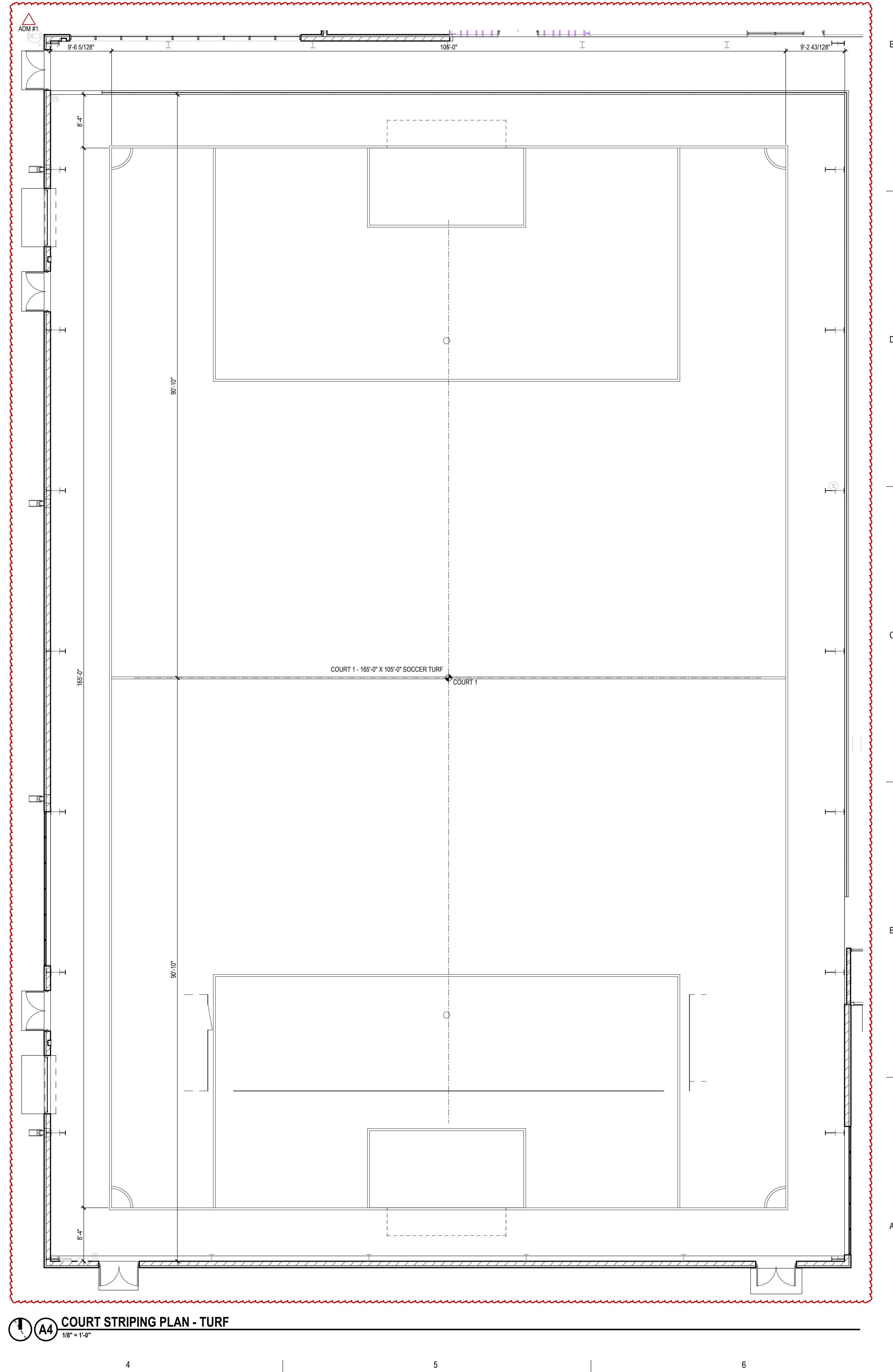
E5 VOLLEYBALL SLEEVE
1 1/2" = 1'-0"



DATE PRINTED: 4/25/2024 1:25:52 AM



A1 COURT STRIPING PLAN - RESILIENT FLOOR UNDER TURF
1/8" = 1'-0"



A4 COURT STRIPING PLAN - TURF
1/8" = 1'-0"

RECREATION CENTER ADDITION & RENOVATION

CONSTRUCTION DOCUMENTS

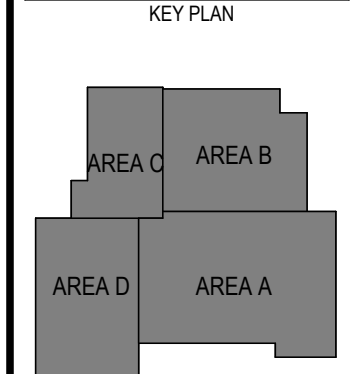
A11.10

COURT
STRIPING PLANS

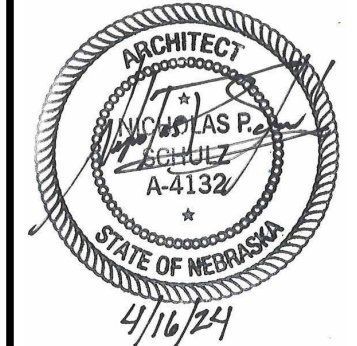
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1	4/25/2024	ISSUED FOR PERMIT
2	4/25/2024	ISSUED FOR CONSTRUCTION
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16	4/25/2024	ISSUED FOR CONSTRUCTION
17	4/25/2024	ISSUED FOR BIDDING
18	4/25/2024	ISSUED FOR CONSTRUCTION
19	4/25/2024	ISSUED FOR BIDDING
20	4/25/2024	ISSUED FOR CONSTRUCTION



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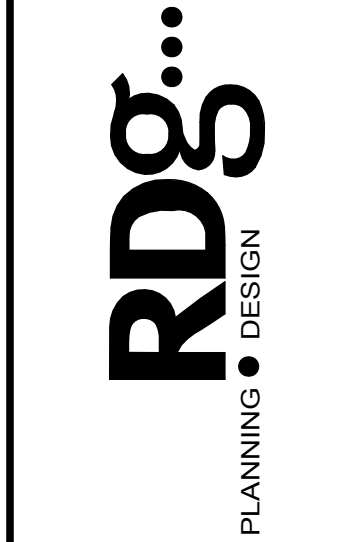
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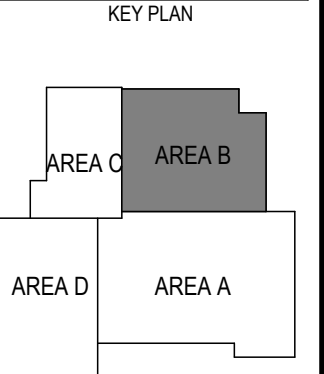
FINISH PLAN LEVEL 1 AREA B
1/8" = 1'-0"



- KEYED FINISH PLAN NOTES**
- 1 RE: INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION AT RESTROOMS
 - 2 SAFETY PADDING 7'-6" HIGH AROUND COLUMN
 - 3 RE: ENLARGED FLOOR PLANS FOR ADDITIONAL DESK FINISH INFORMATION

RECREATION CENTER ADDITION & RENOVATION

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4	4/25/2024	ISSUANCE
5	4/25/2024	ISSUANCE
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9	4/25/2024	ISSUANCE
10	4/25/2024	ISSUANCE

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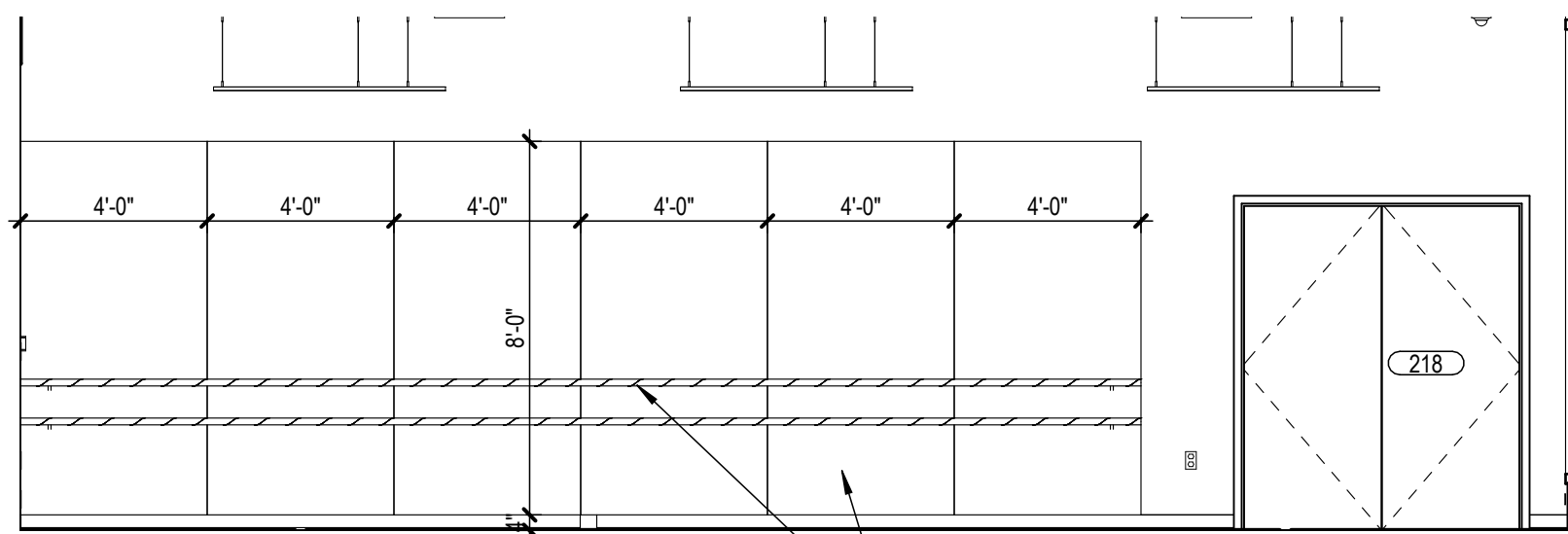
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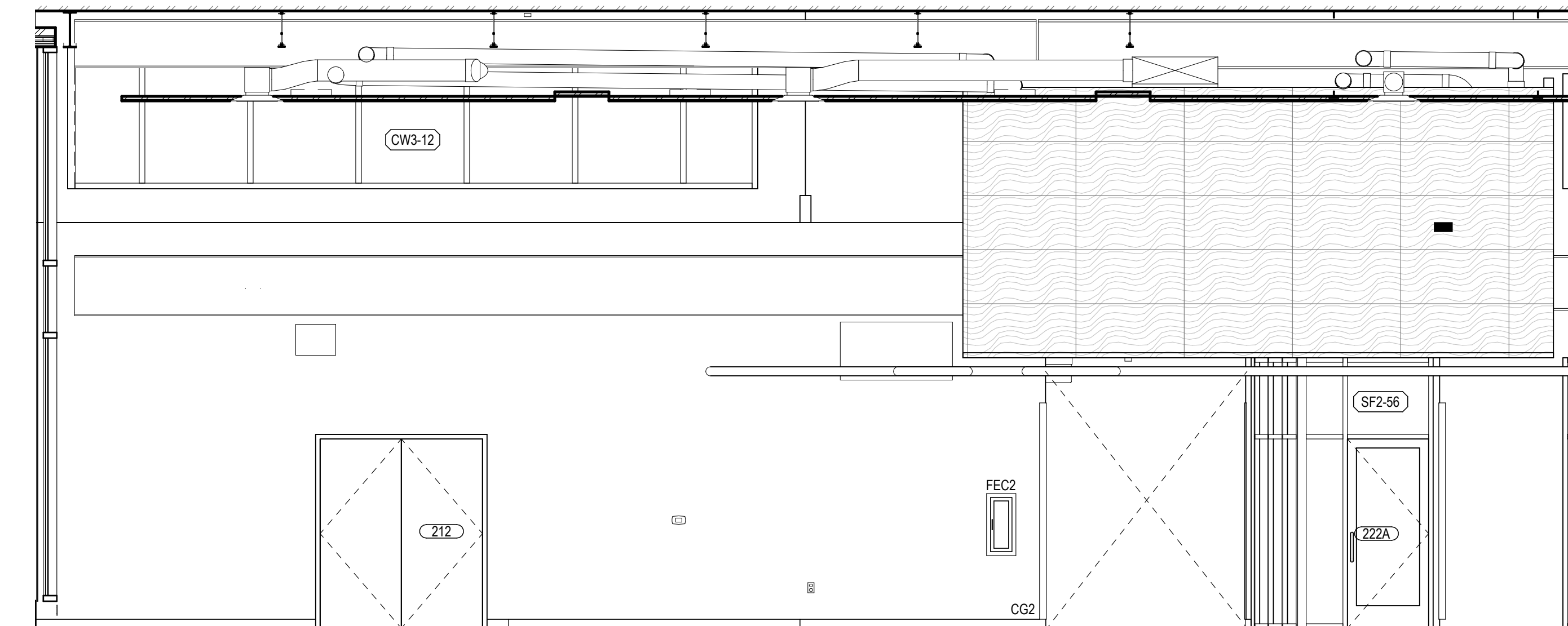
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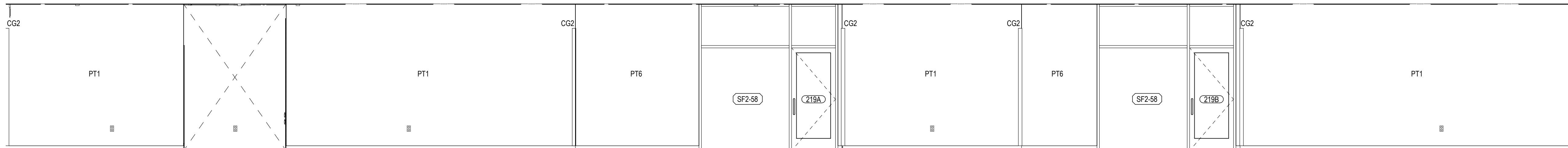
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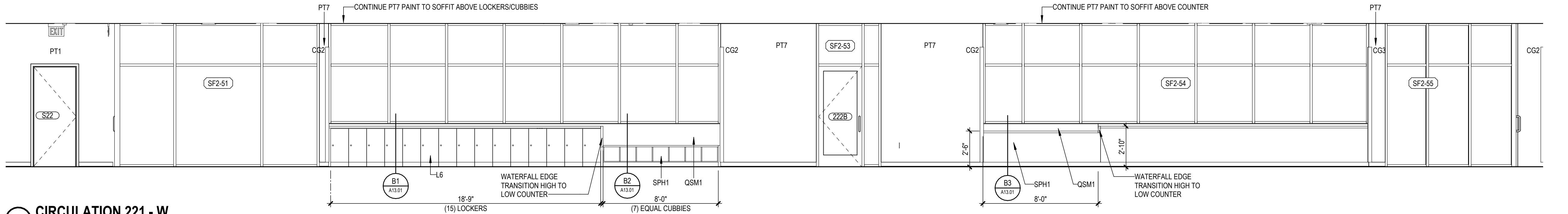
A1 MULTIPURPOSE STUDIO 219 - N
1/4" = 1'-0" (A1/A01.21)



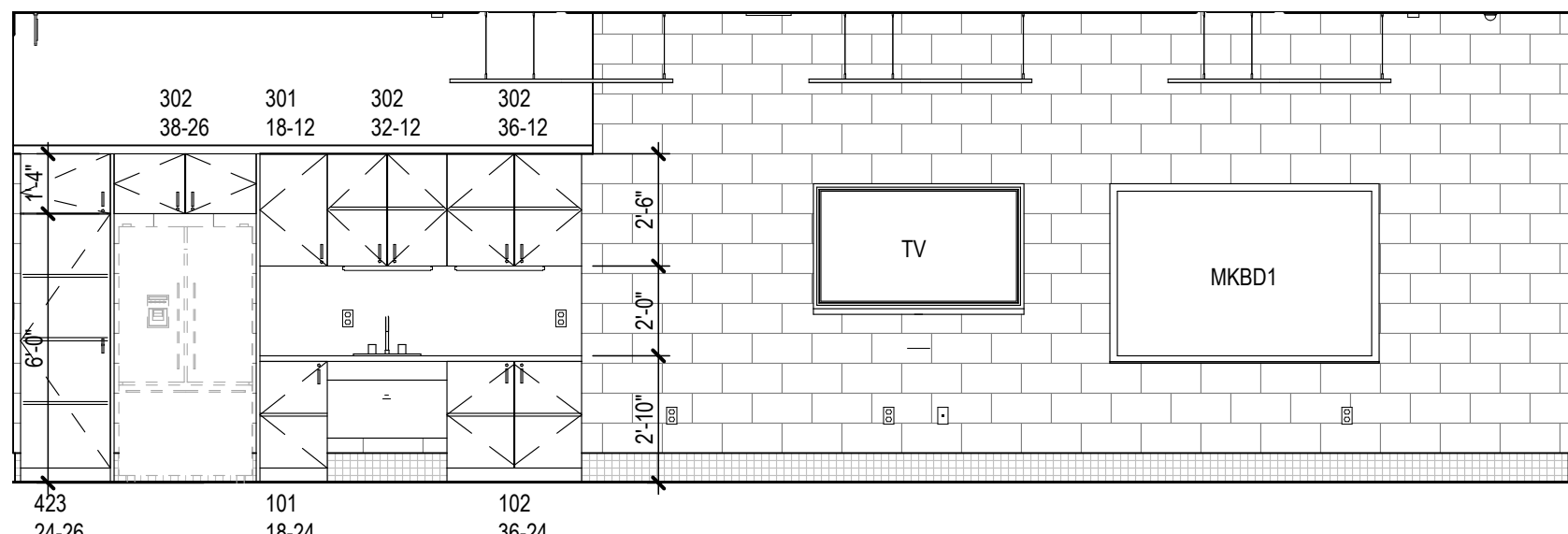
B1 CARDIO 210 - S
1/4" = 1'-0" (A1/A01.21)



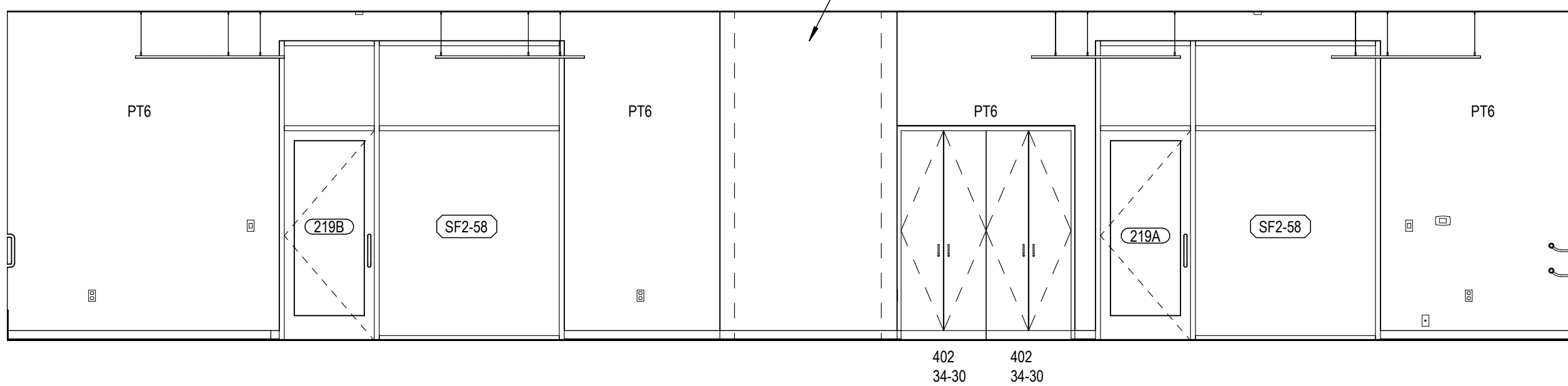
C1 CIRCULATION 221 - E
1/4" = 1'-0" (A1/A01.21)



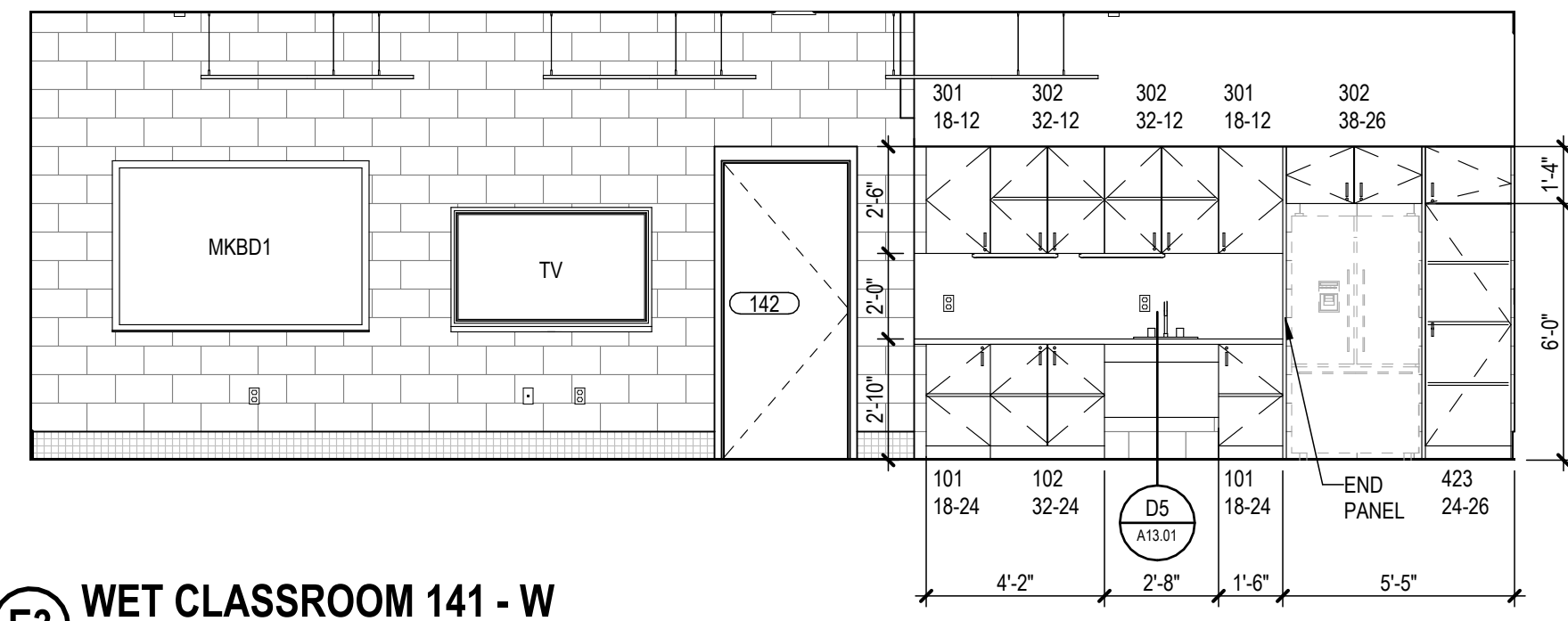
D1 CIRCULATION 221 - W
1/4" = 1'-0" (A1/A01.21)



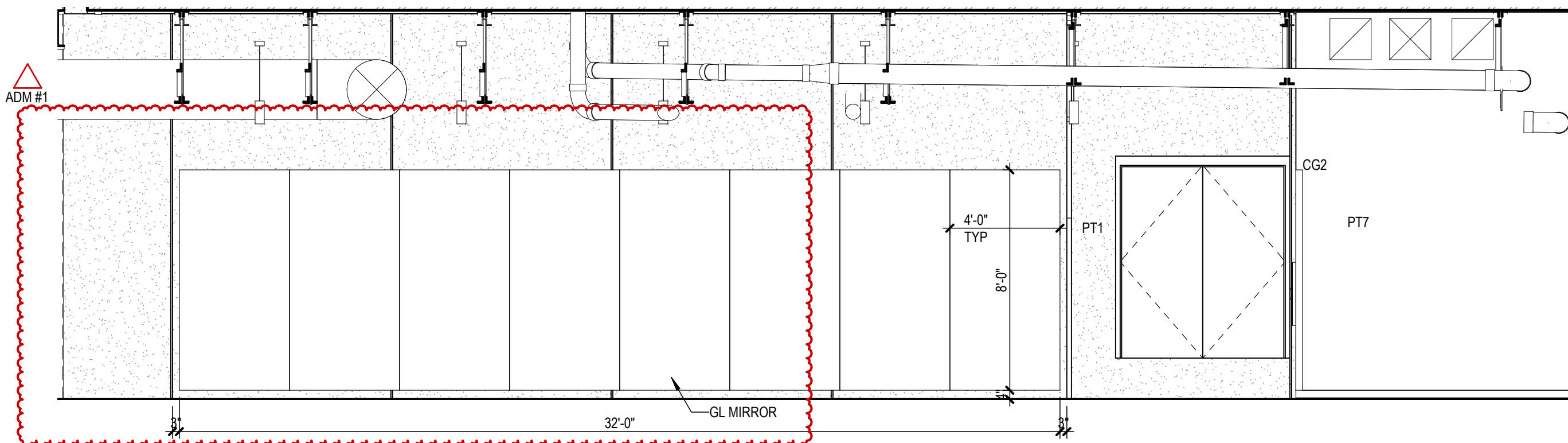
E1 WET CLASSROOM 141 - E
1/4" = 1'-0" (A1/A01.11)



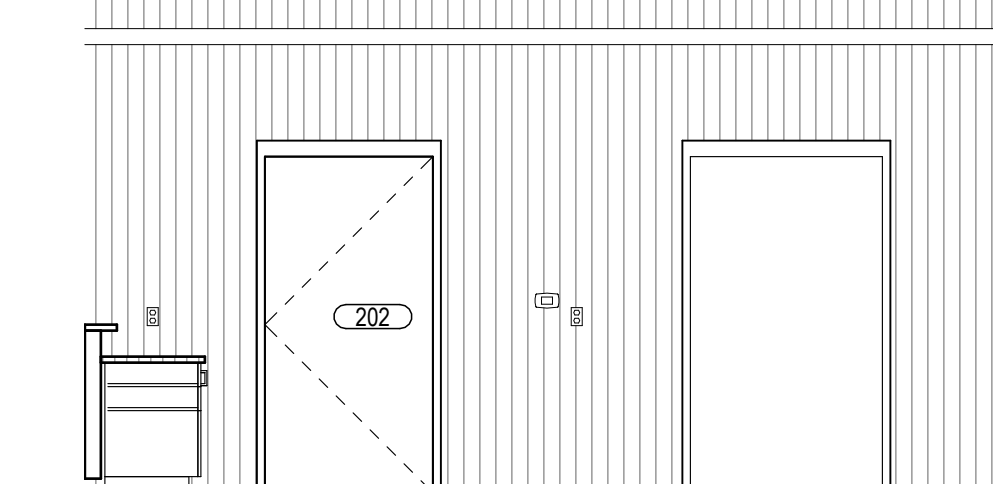
A3 MULTIPURPOSE STUDIO 219 - W
1/4" = 1'-0" (A1/A01.21)



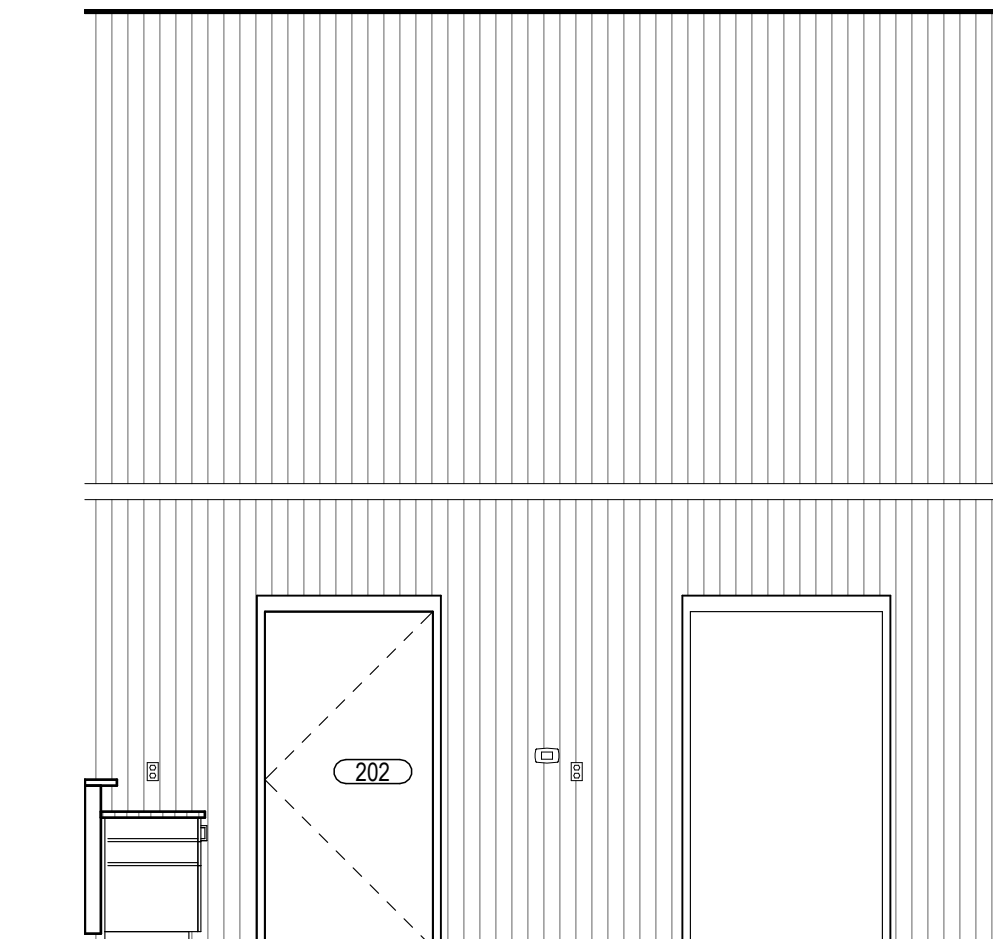
E3 WET CLASSROOM 141 - W
1/4" = 1'-0" (A1/A01.11)



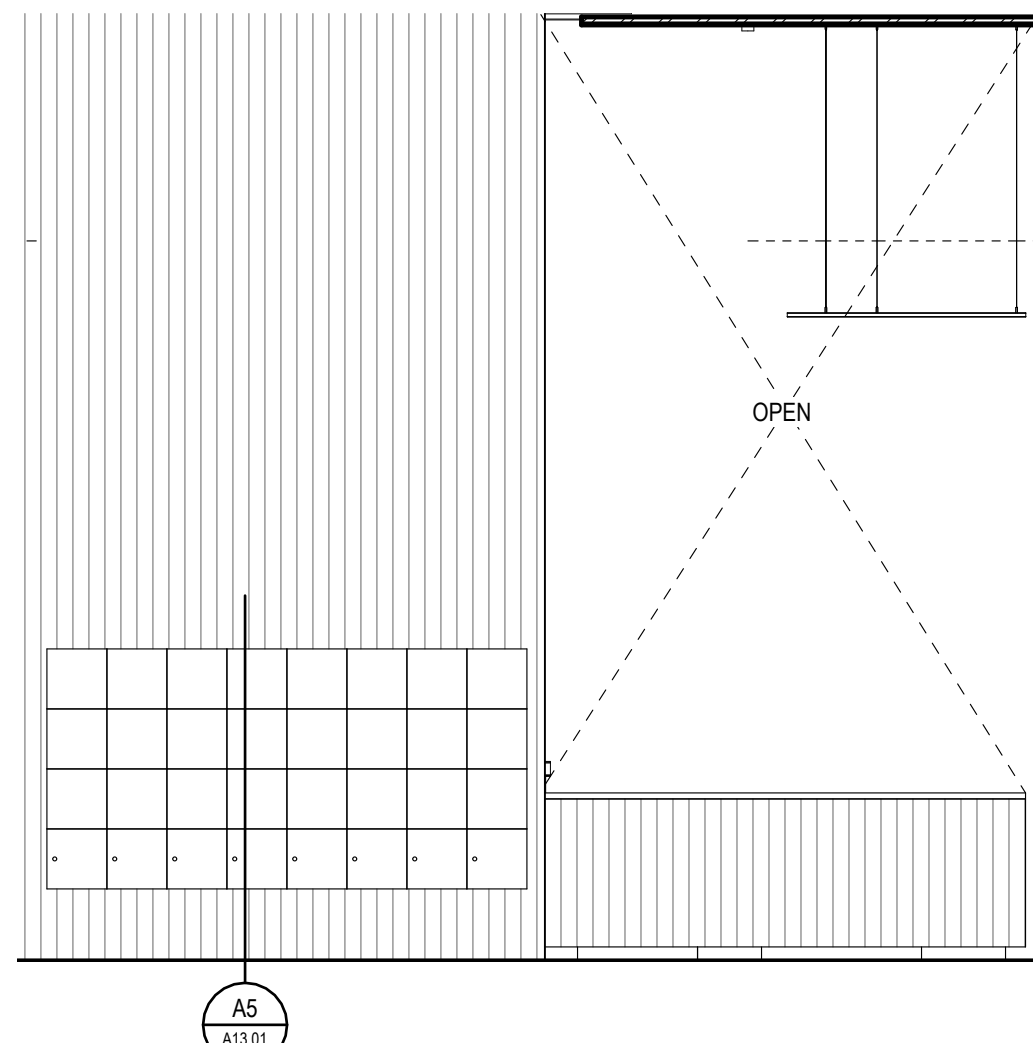
B4 FREE WEIGHTS 205 - MIRROR WALL
1/4" = 1'-0" (A1/A01.21)



C6 FITNESS DESK 201 - N
1/4" = 1'-0" (D1/A02.03)

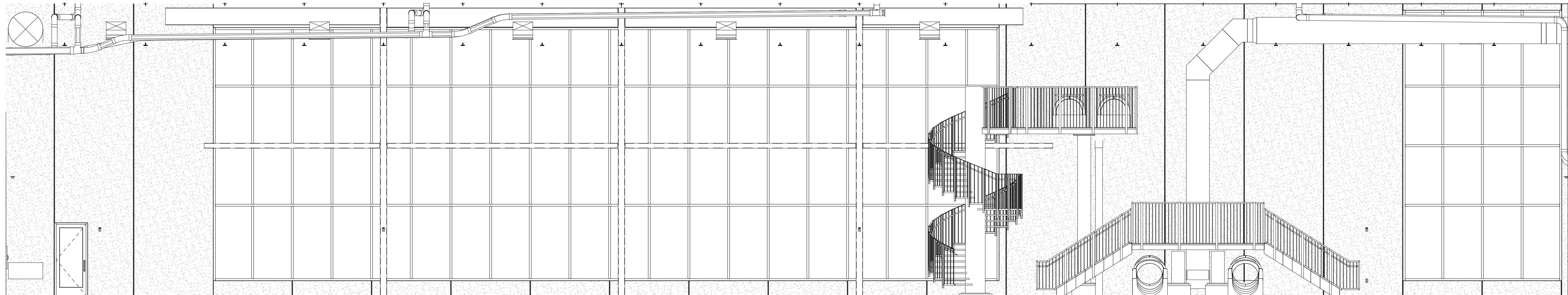


D6 FITNESS DESK 201 - LOCKERS
1/4" = 1'-0" (D1/A02.03)

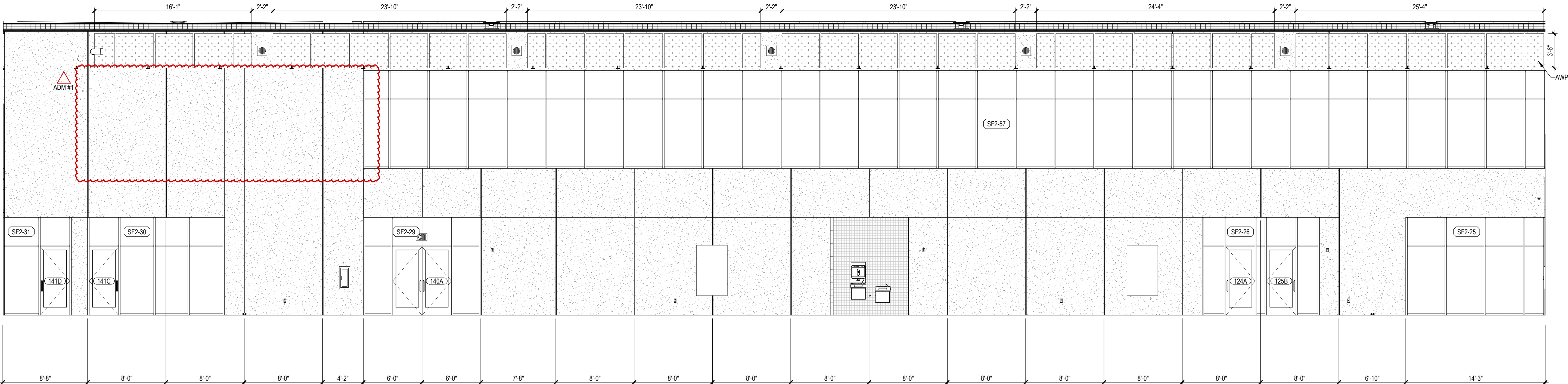


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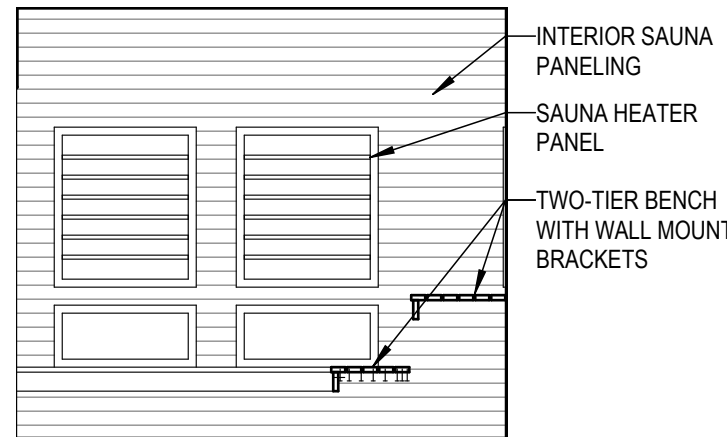
A1 NATATORIUM 128/129 - S
3/16" = 1'-0" (A1/A01.11)



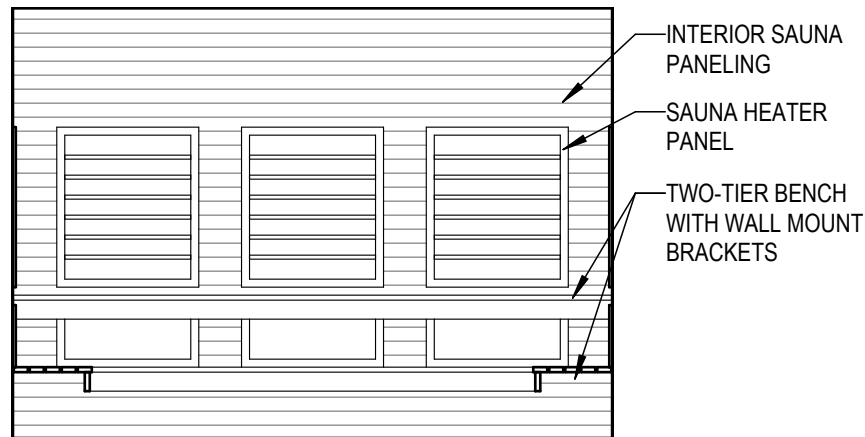
B1 NATATORIUM 128/129 - N
3/16" = 1'-0" (A1/A01.11)



D1 SAUNA 145 - S
1/4" = 1'-0" (A1/A01.10)

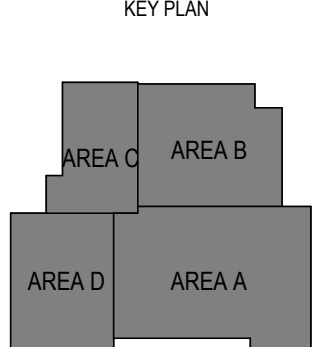


D2 SAUNA 145 - W
1/4" = 1'-0" (A1/A01.10)



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A12.09

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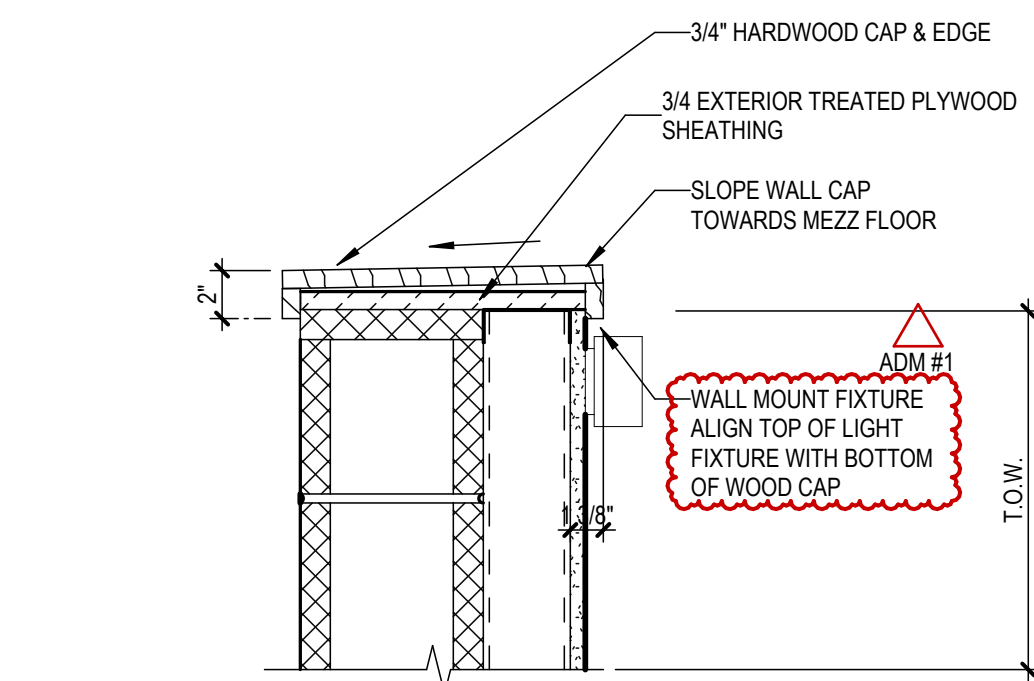
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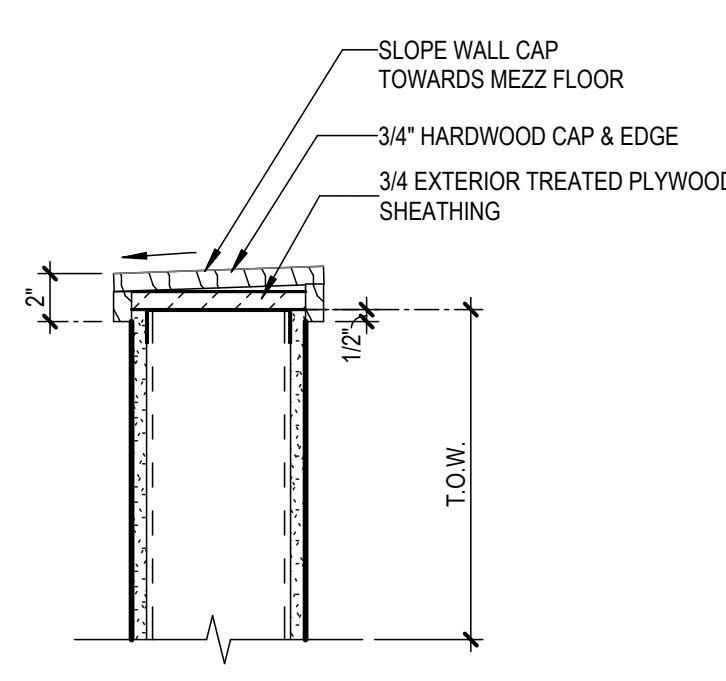
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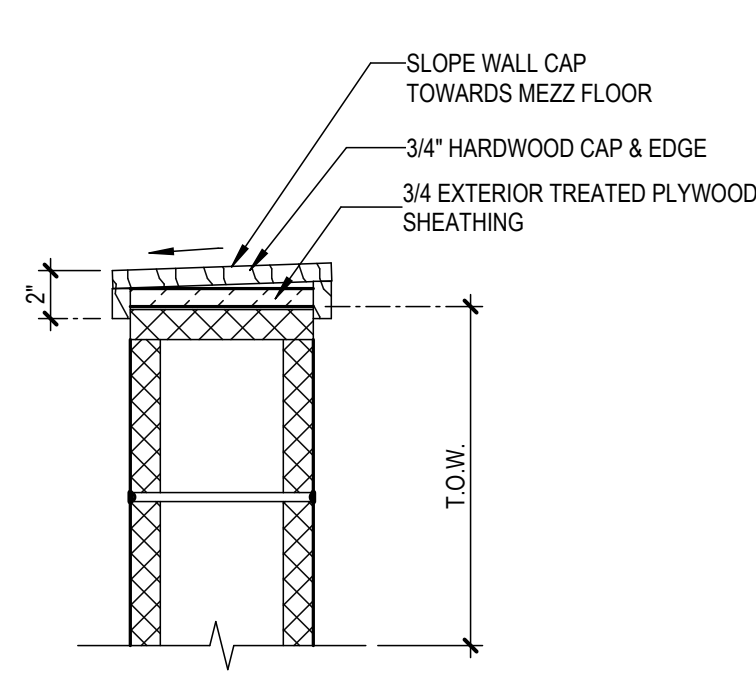
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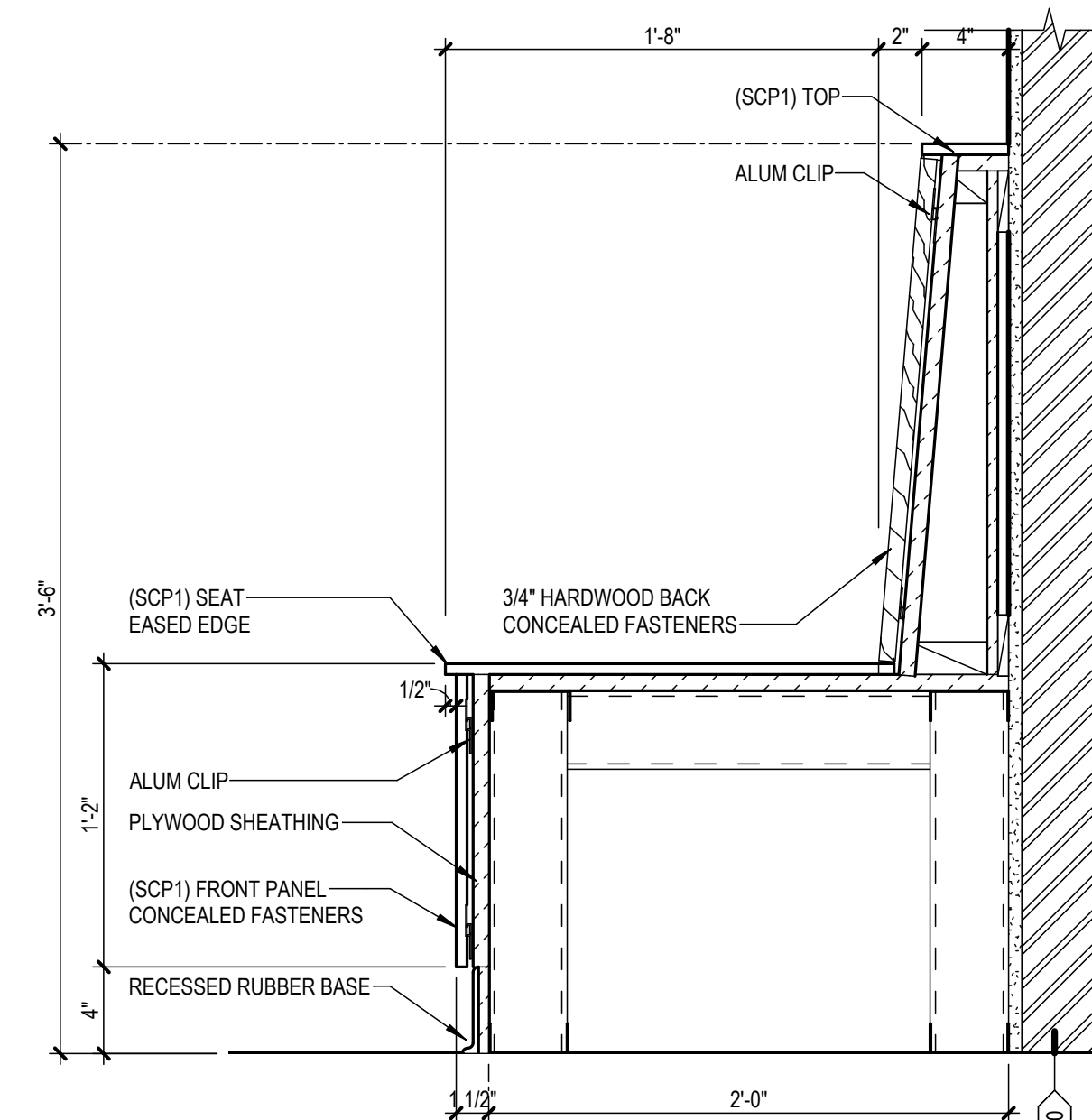
D1 WALL CAP
1 1/2" = 1'-0" (A1/A01.21)



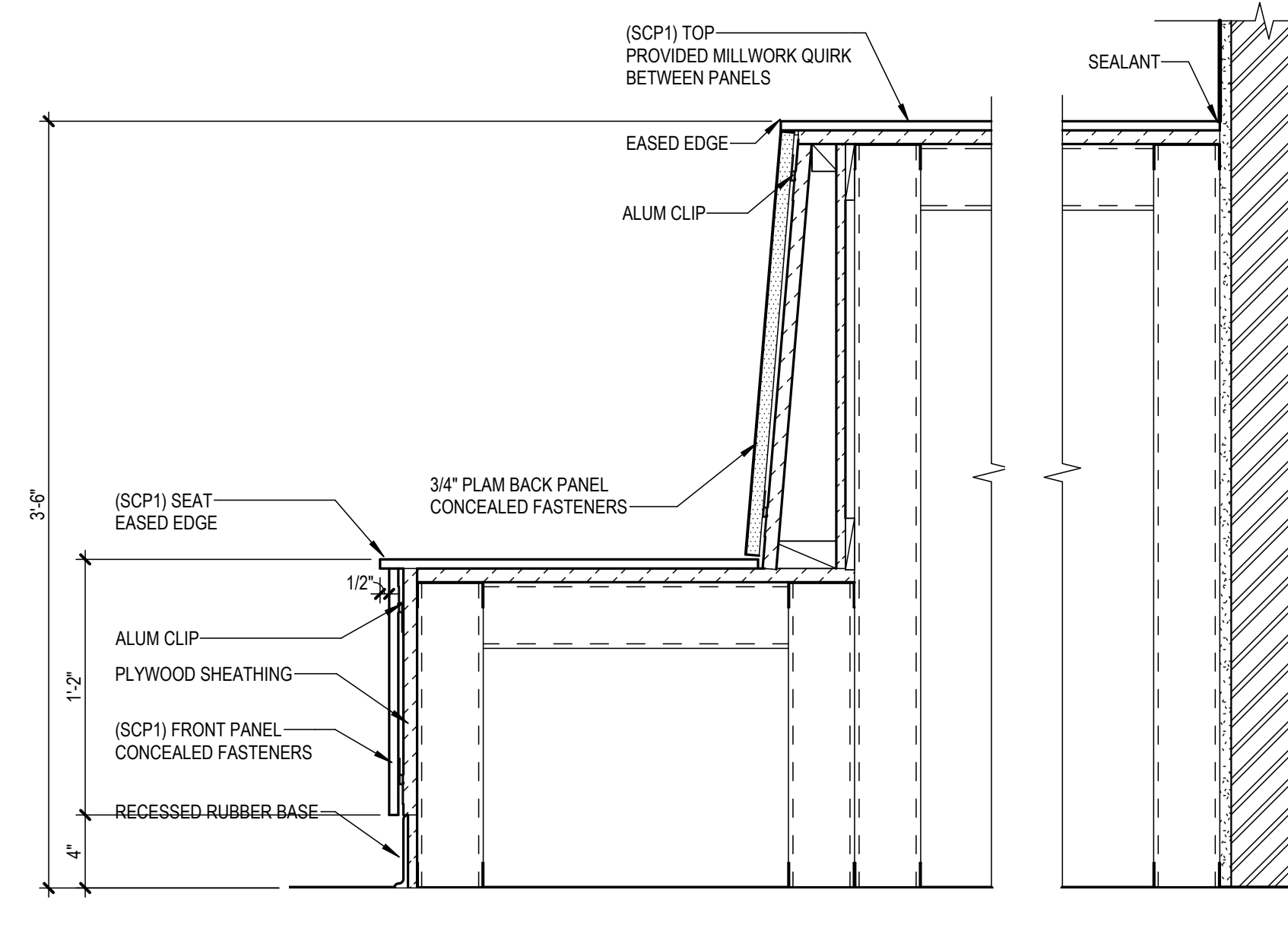
D2 WALL CAP
1 1/2" = 1'-0" (A1/A01.21)



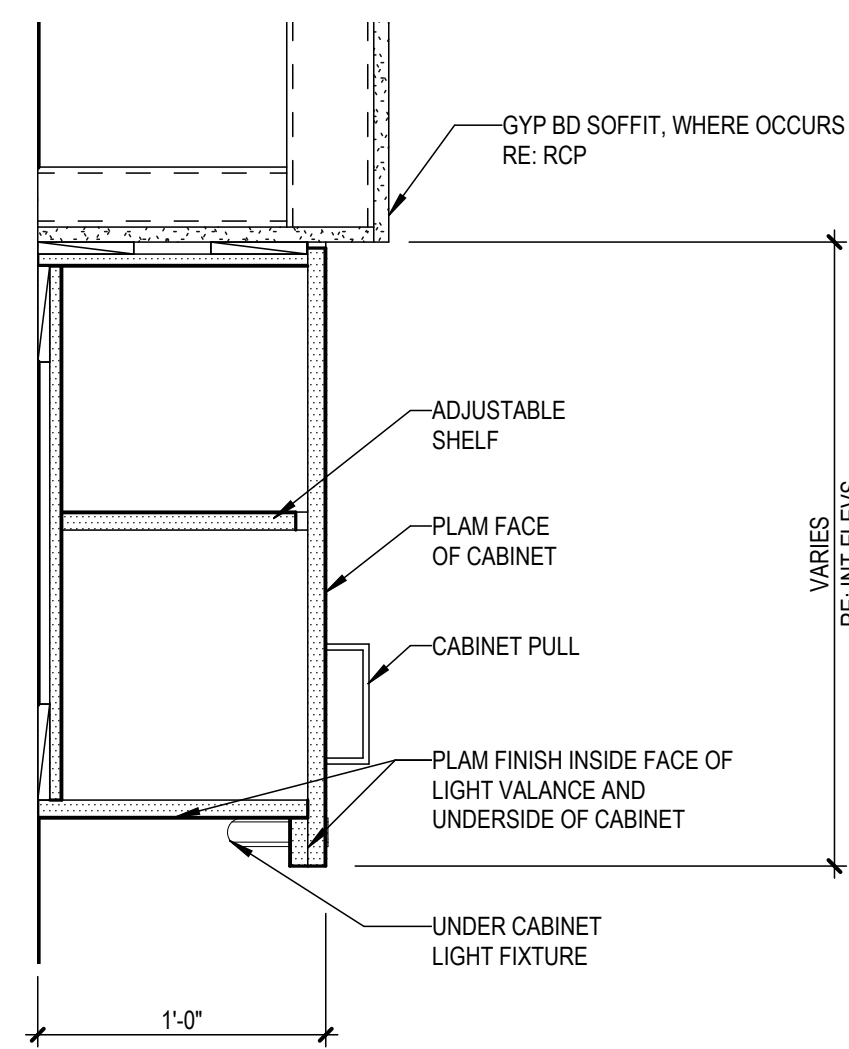
D3 WOOD CAP AT CMU
1 1/2" = 1'-0" (A1/A01.21)



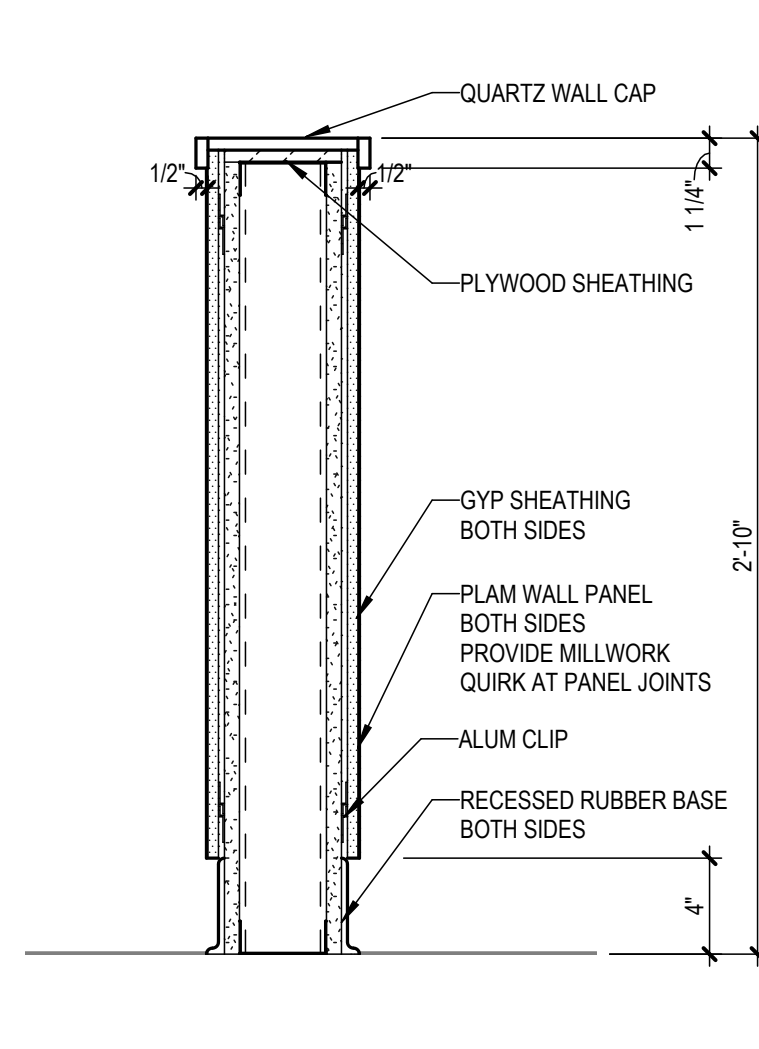
D4 BENCH DETAIL
1 1/2" = 1'-0" (A1/A02.01)



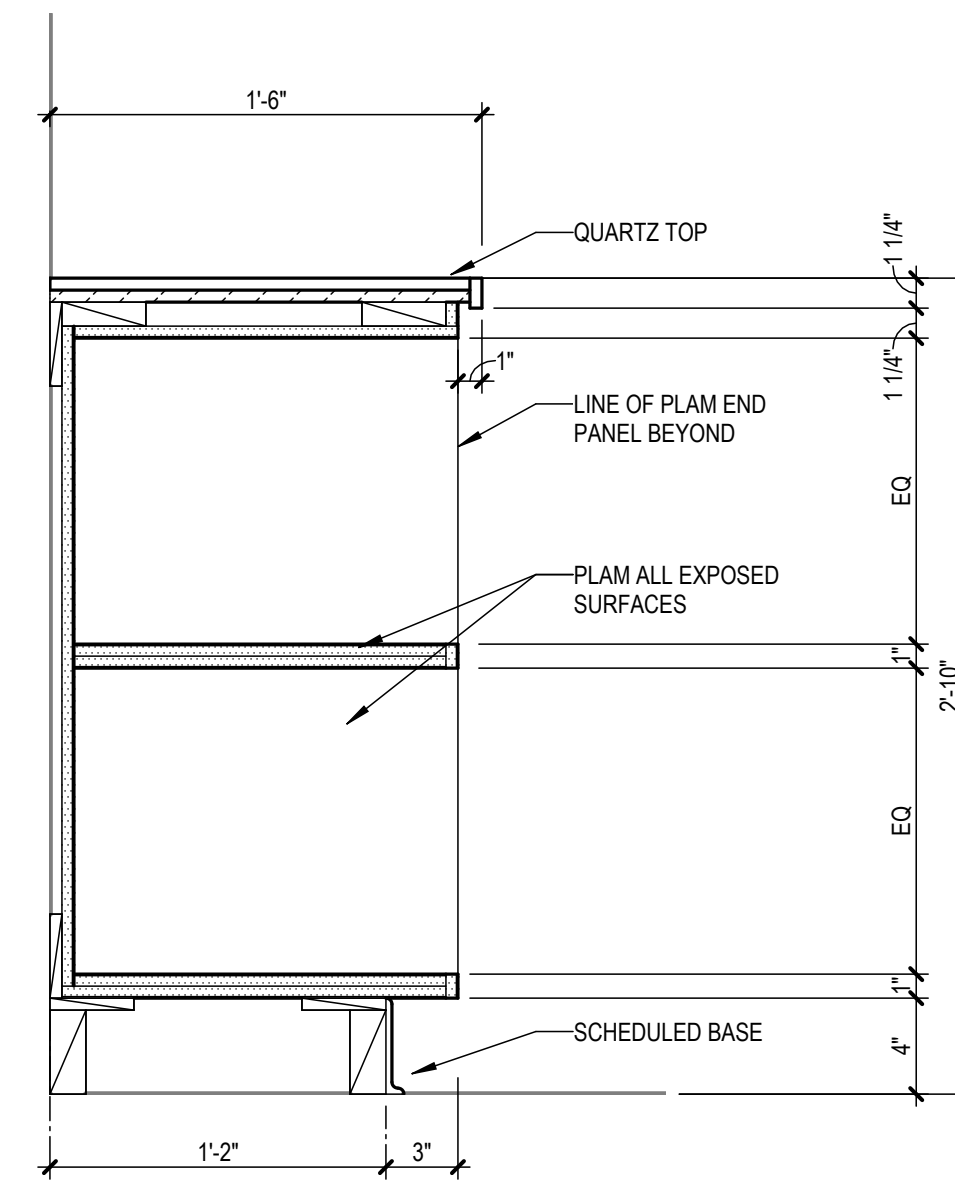
D5 BENCH DETAIL
1 1/2" = 1'-0" (A1/A02.01)



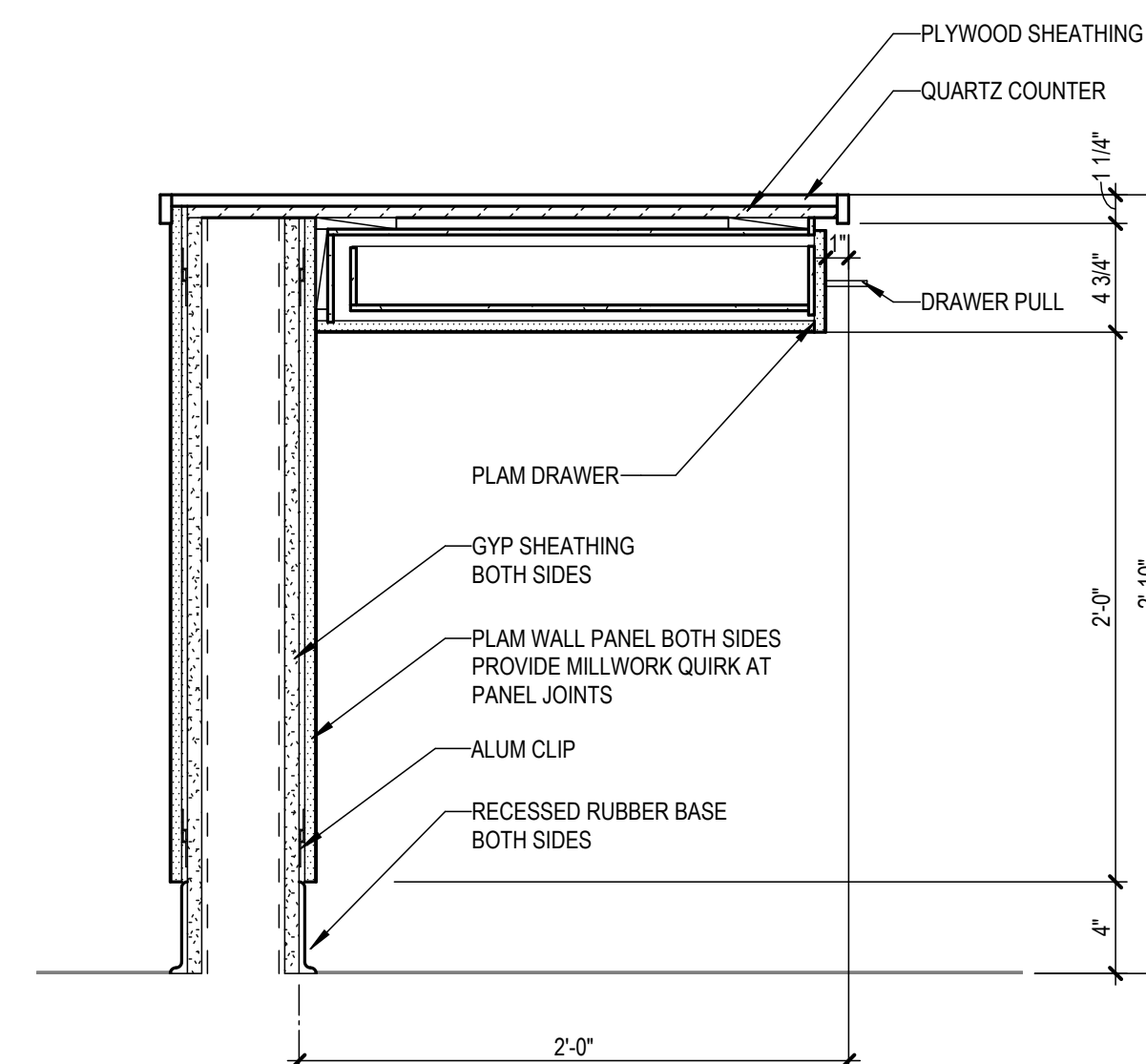
B1 UPPER CABINET LIGHT VALANCE
1 1/2" = 1'-0" (D5/A12.01)



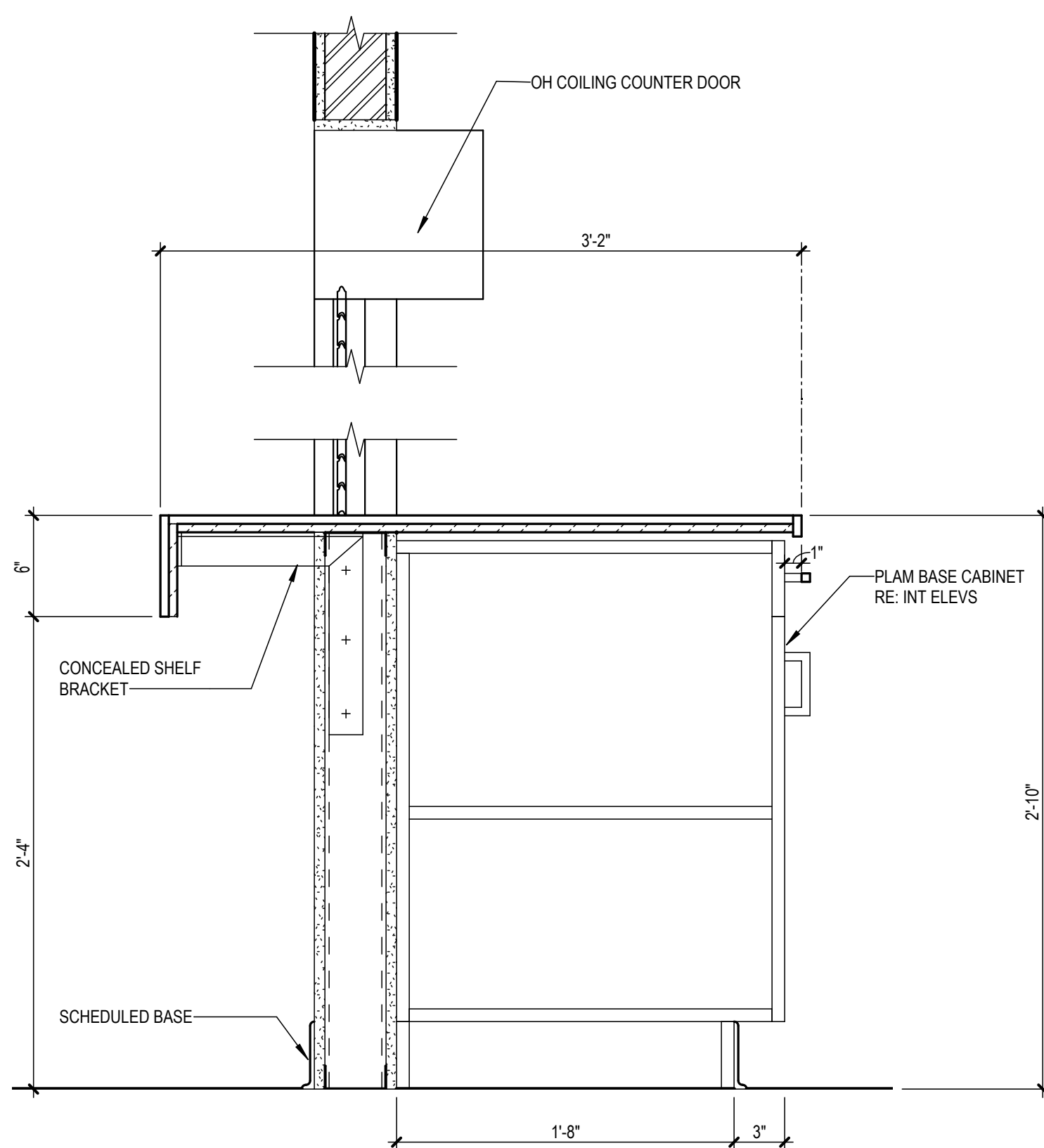
B2 CHILD WATCH WALL
1 1/2" = 1'-0" (D3/A12.01)



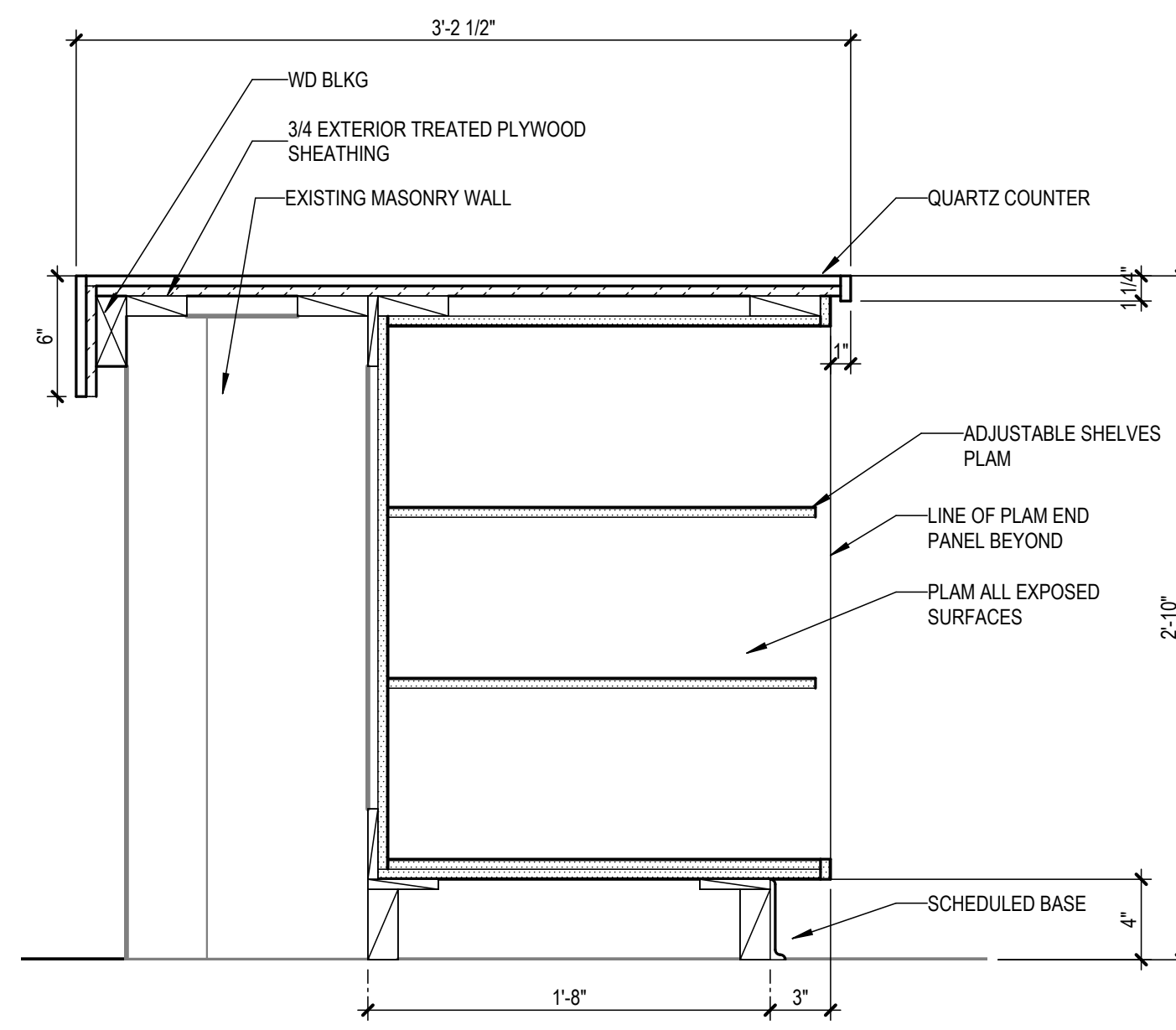
B3 CHILD WATCH CUBBIES
1 1/2" = 1'-0" (E3/A12.01)



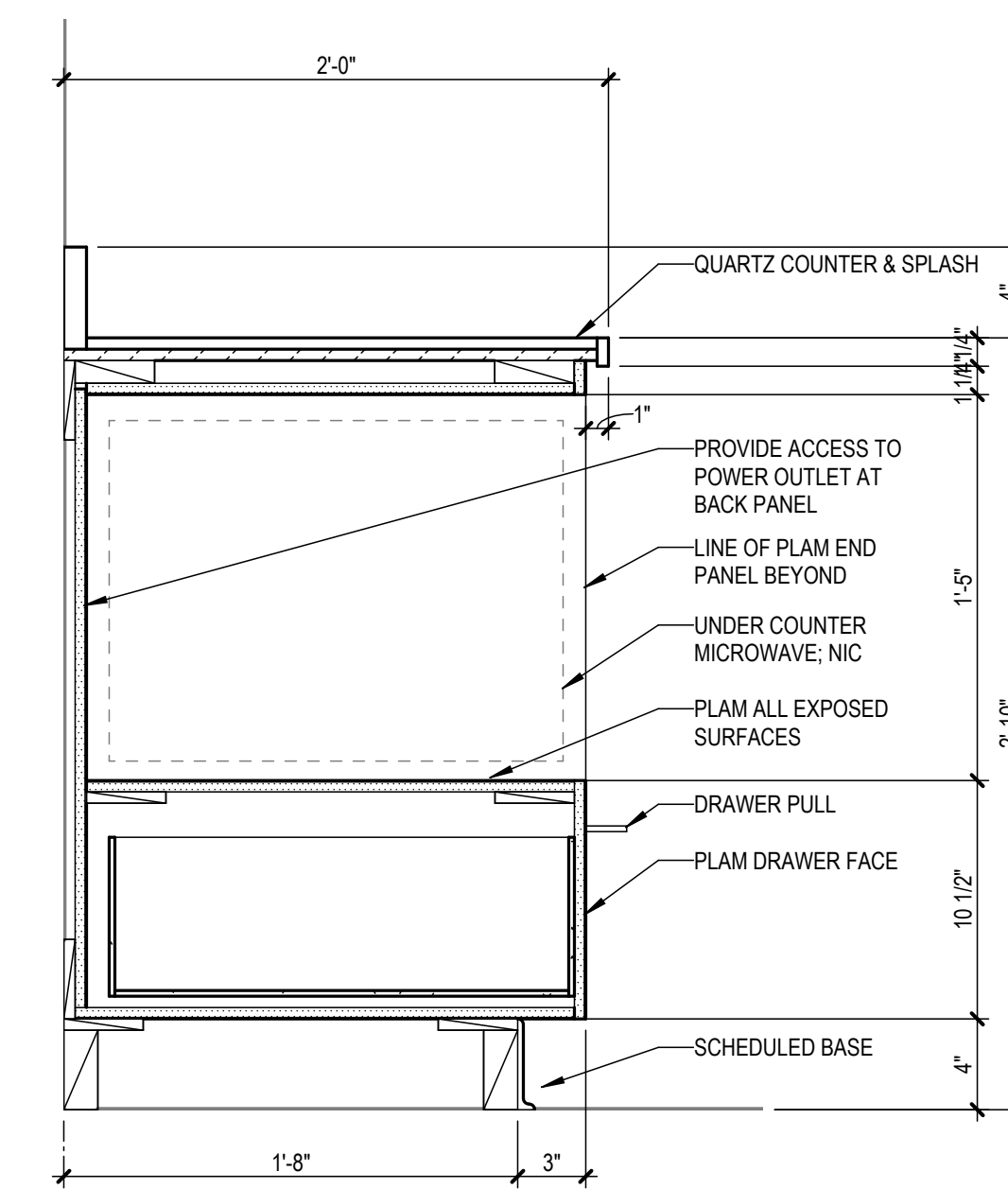
B4 CHILD WATCH DESK
1 1/2" = 1'-0" (D3/A12.01)



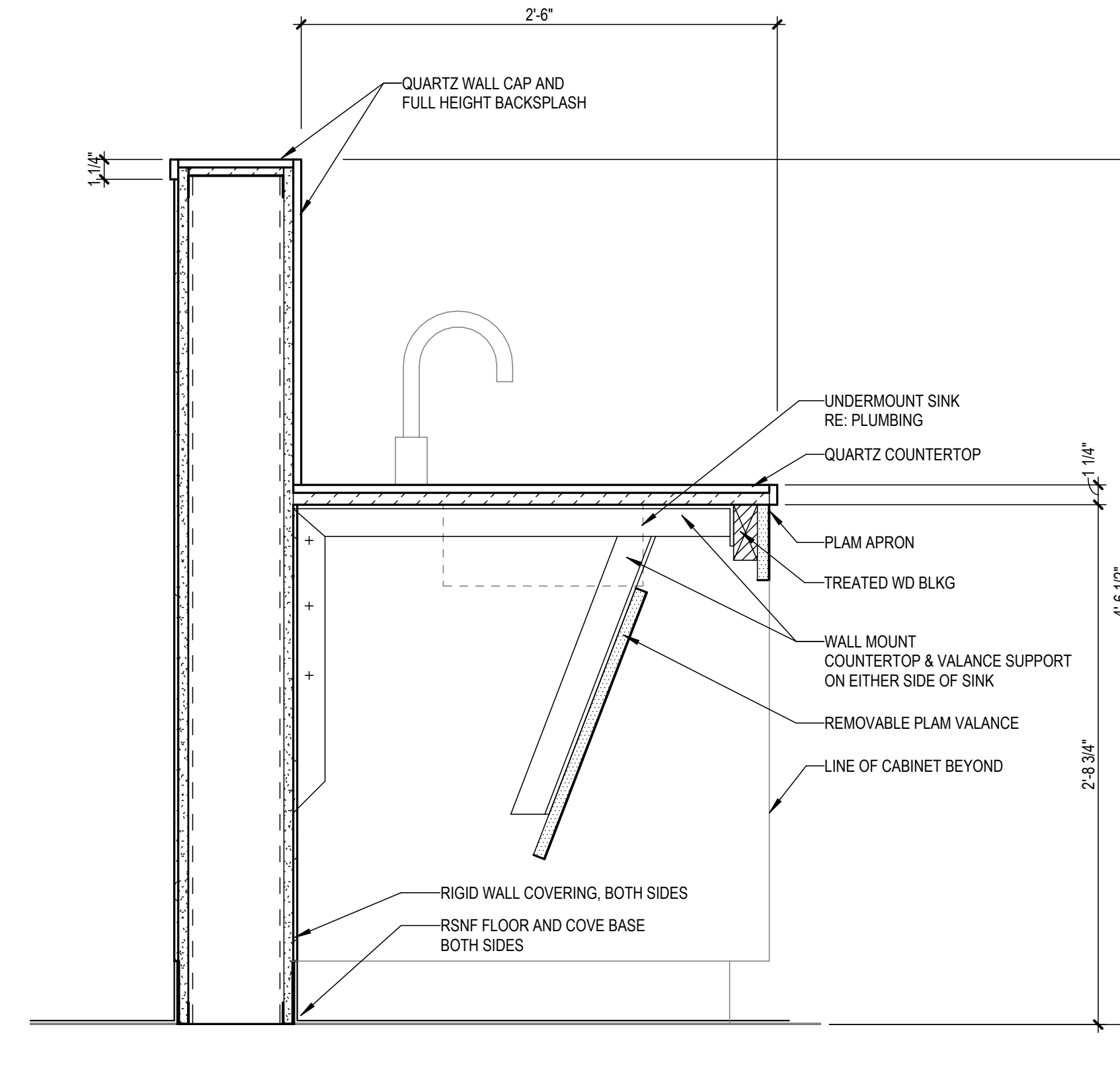
A1 DTL KITCHEN SERVICE COUNTER
1 1/2" = 1'-0" (C1/A02.02)



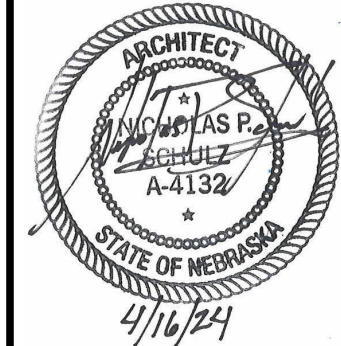
A2 CONCESSIONS COUNTER
1 1/2" = 1'-0" (A1/A02.02)



A4 BASE CABINET - MICROWAVE
1 1/2" = 1'-0" (A1/A02.02)



A5 CONCESSIONS SINK
1 1/2" = 1'-0" (A1/A02.02)



OWNER	ADDITIONAL P1	4.25.2024
DATE	CONSTRUCTION DOCS	4.25.2024
ISSUANCE		
PROJECT NO.	R3065.624.00	

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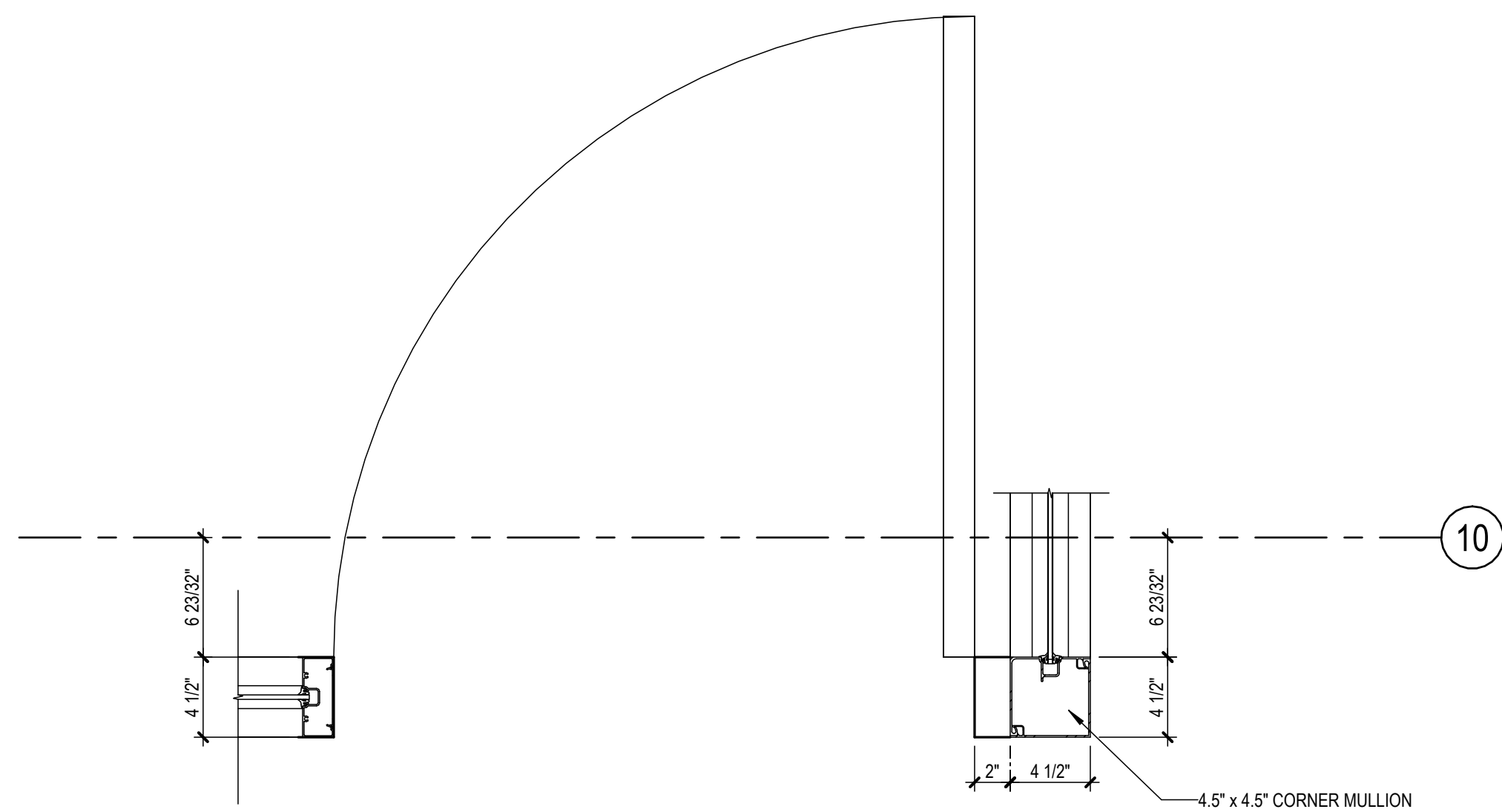
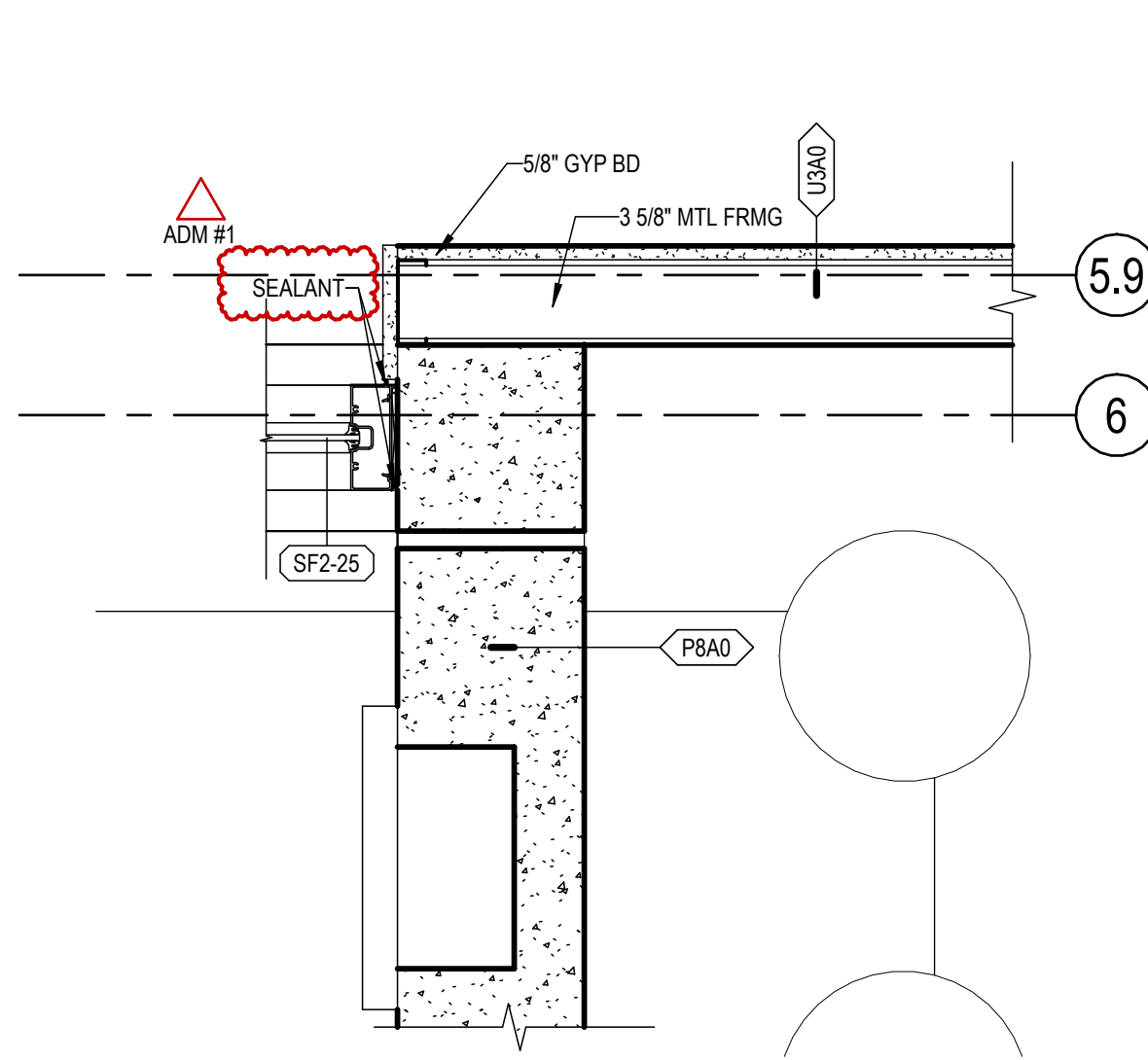
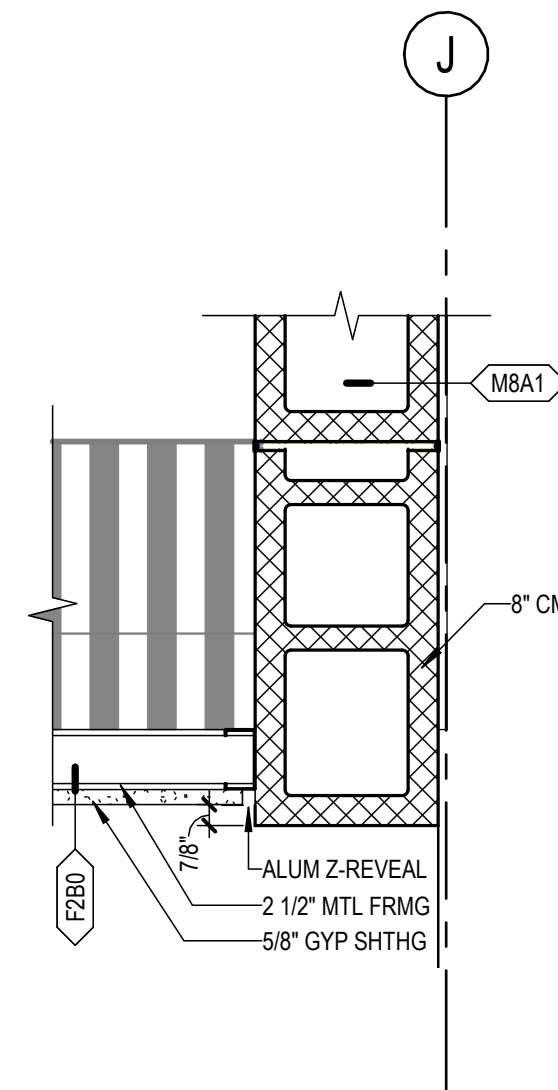
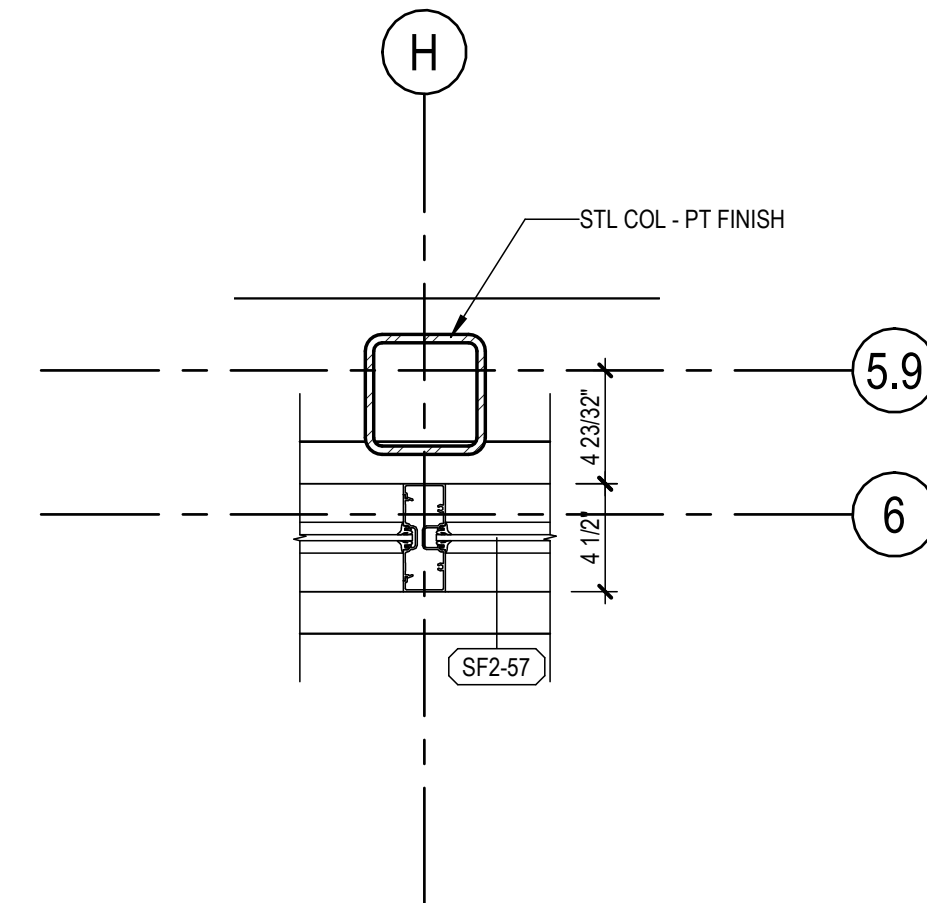
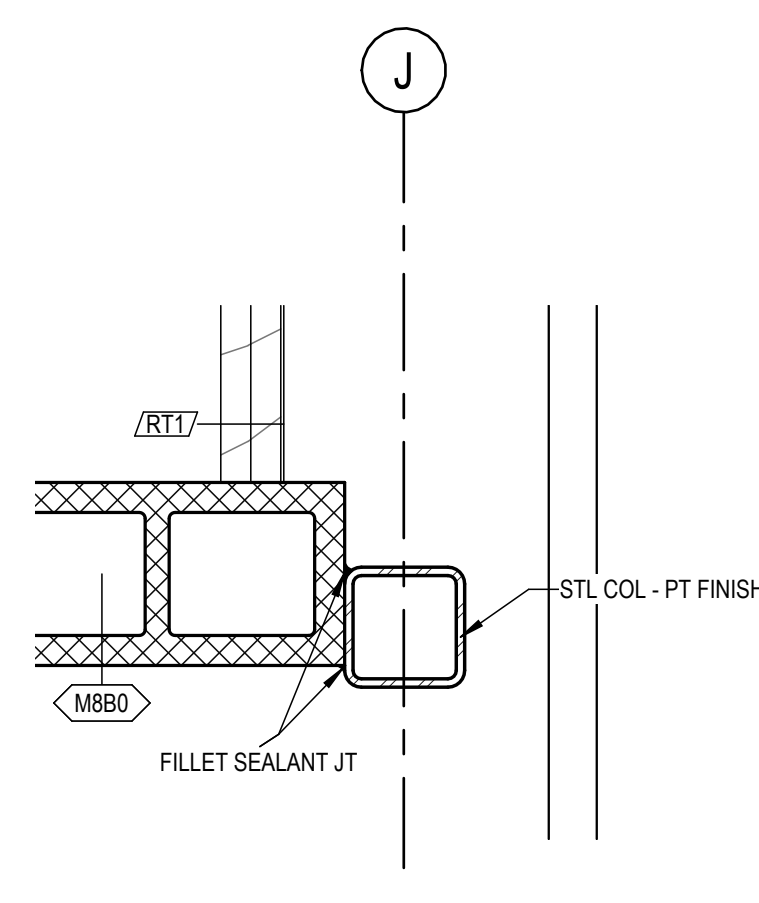
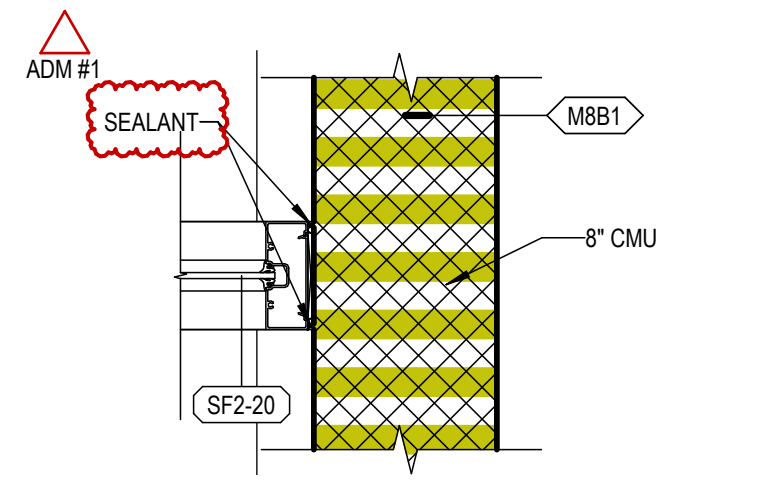
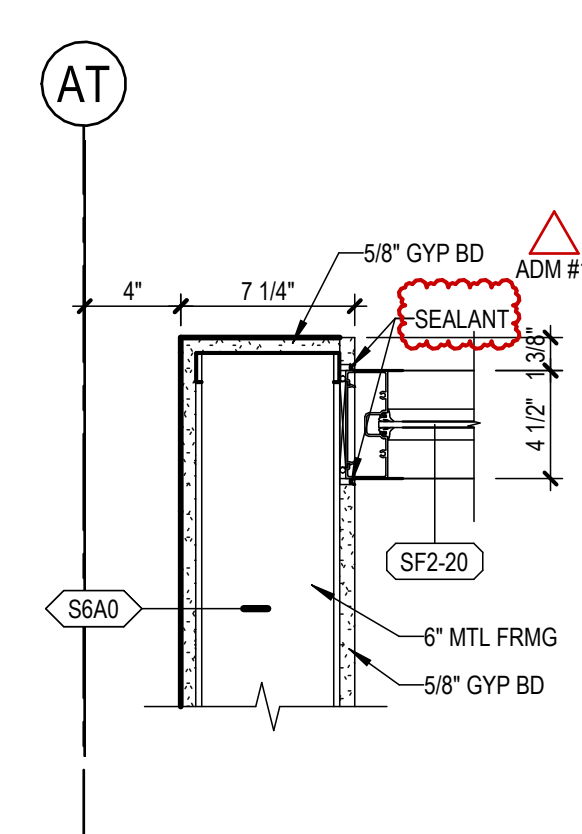
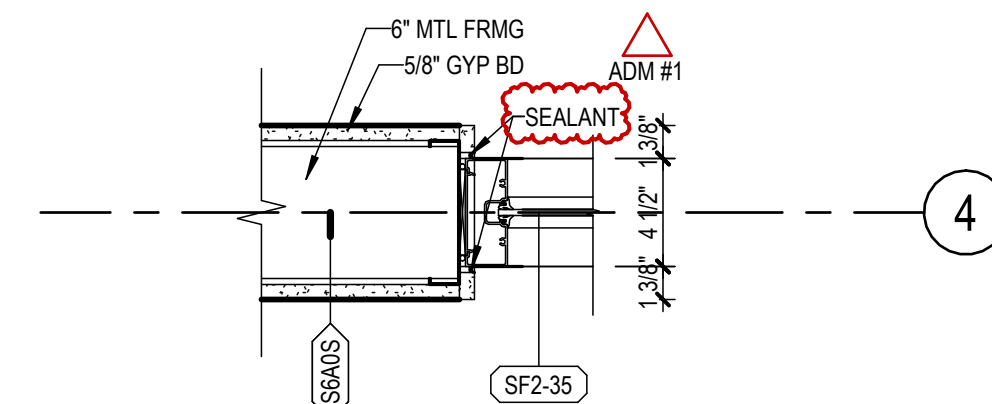
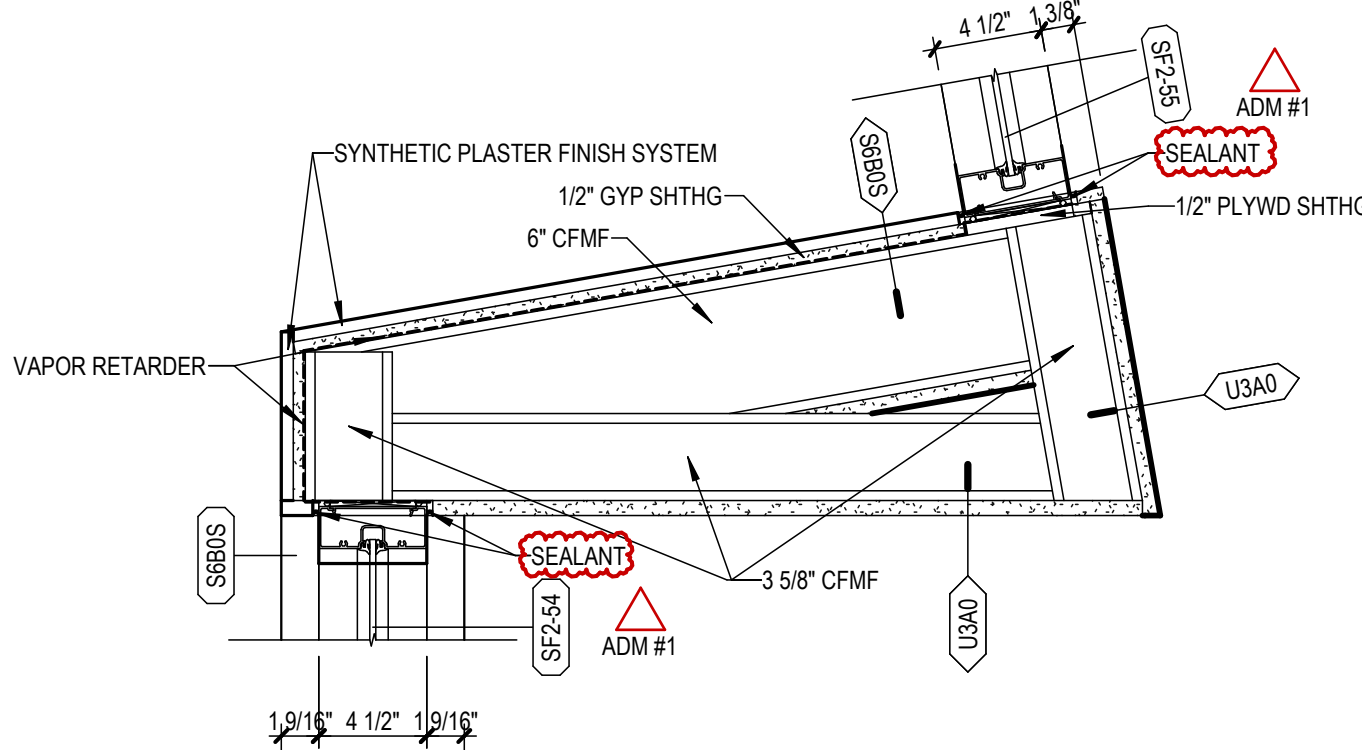
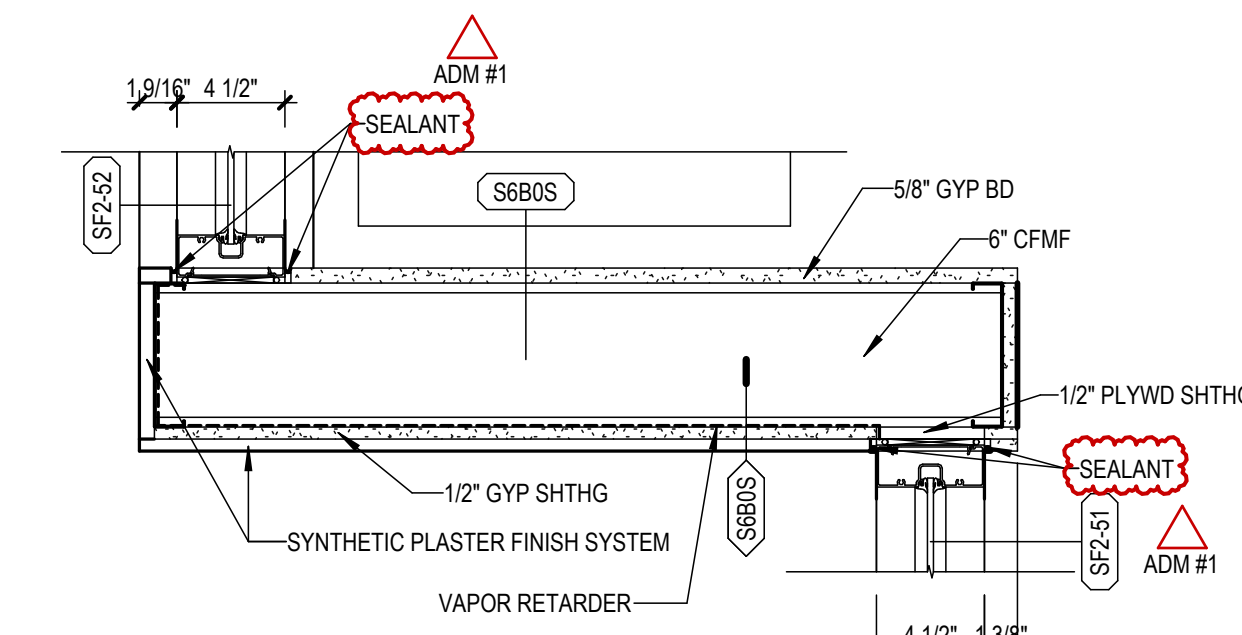
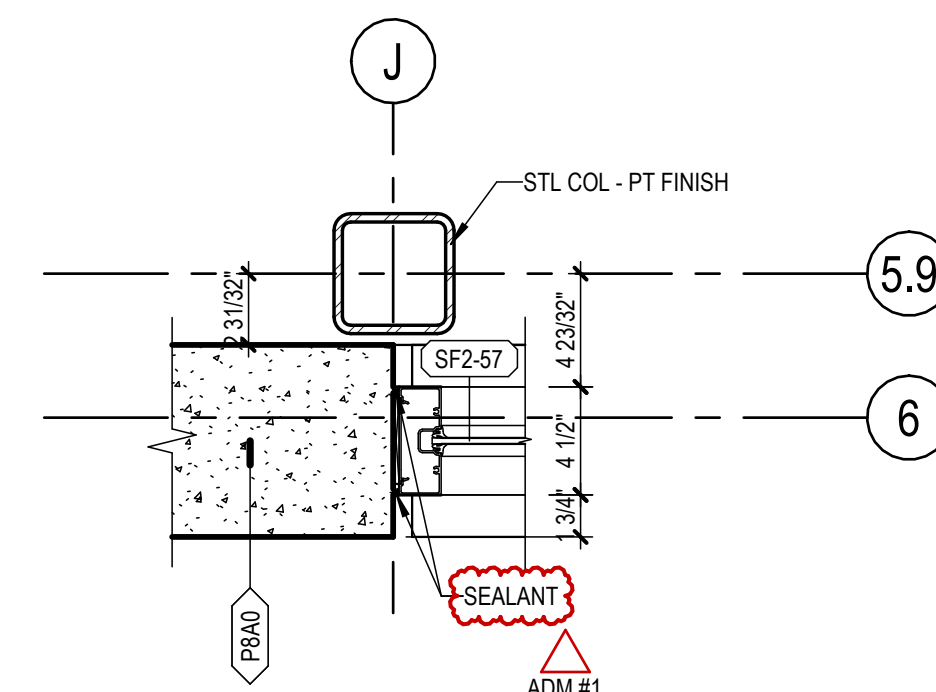
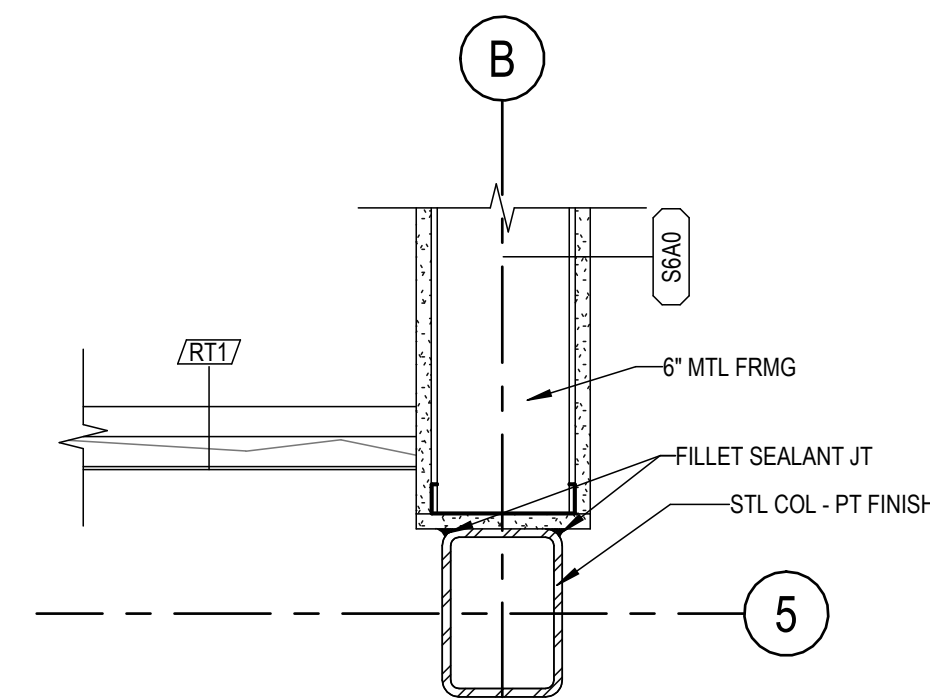
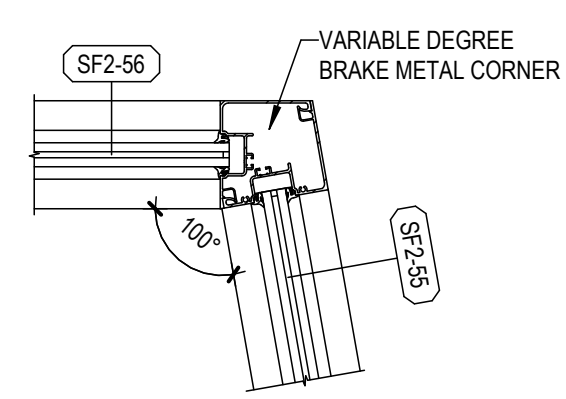
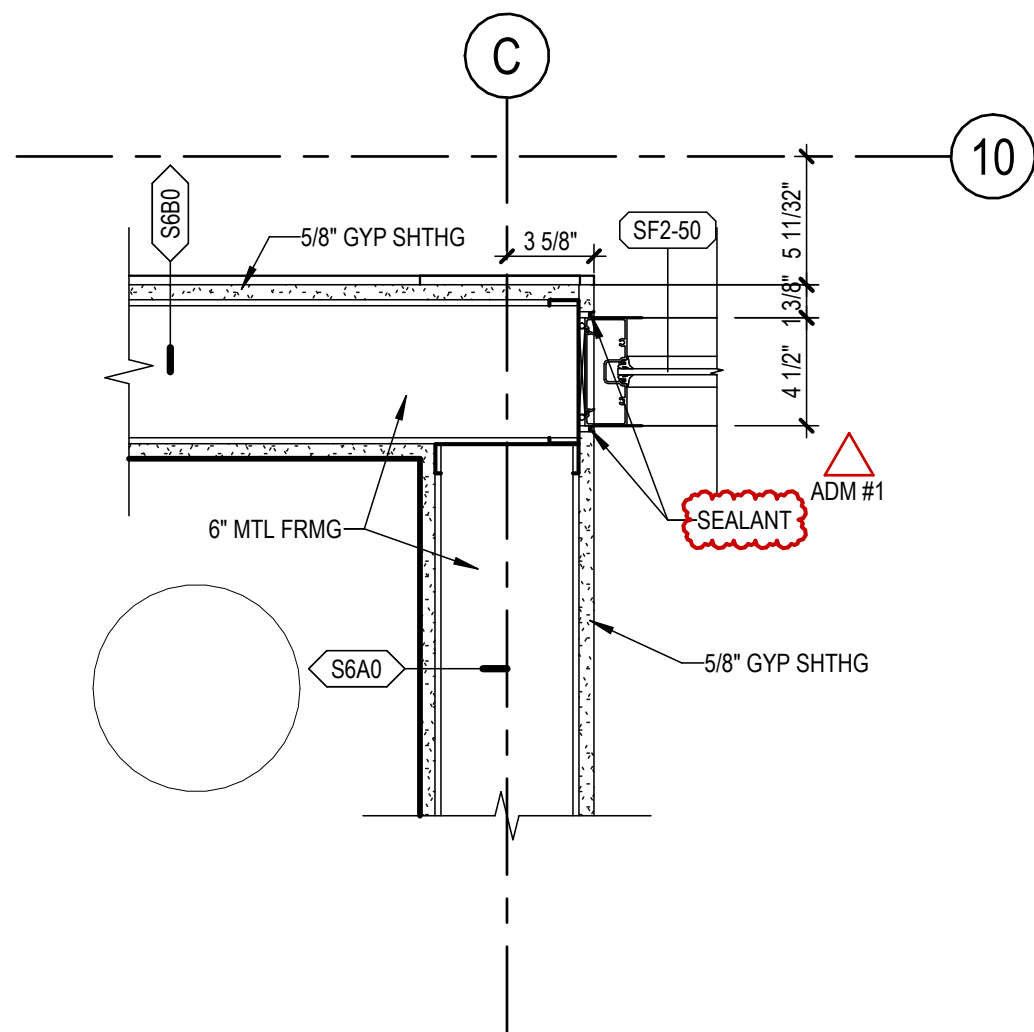
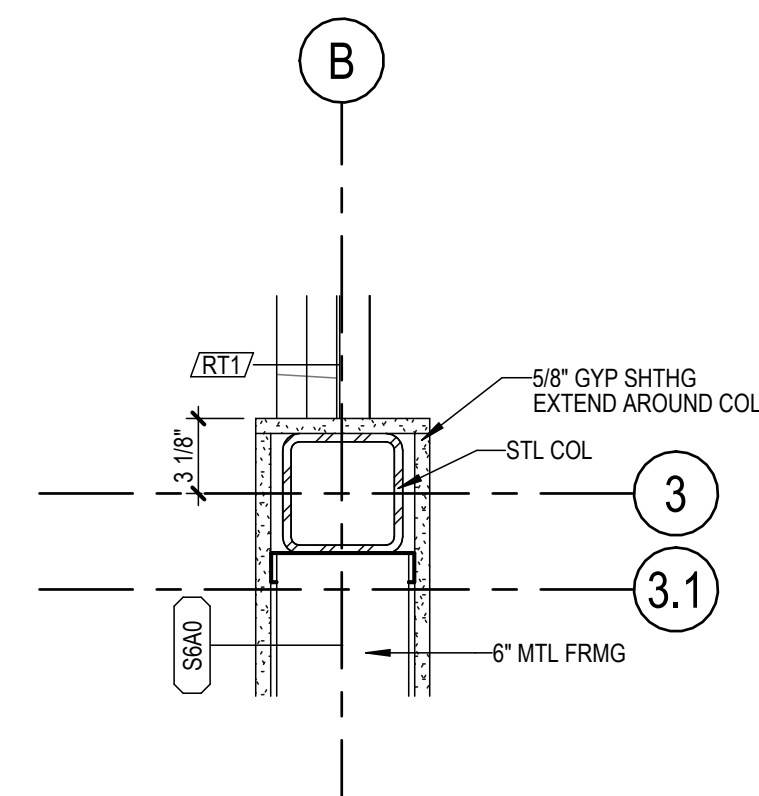
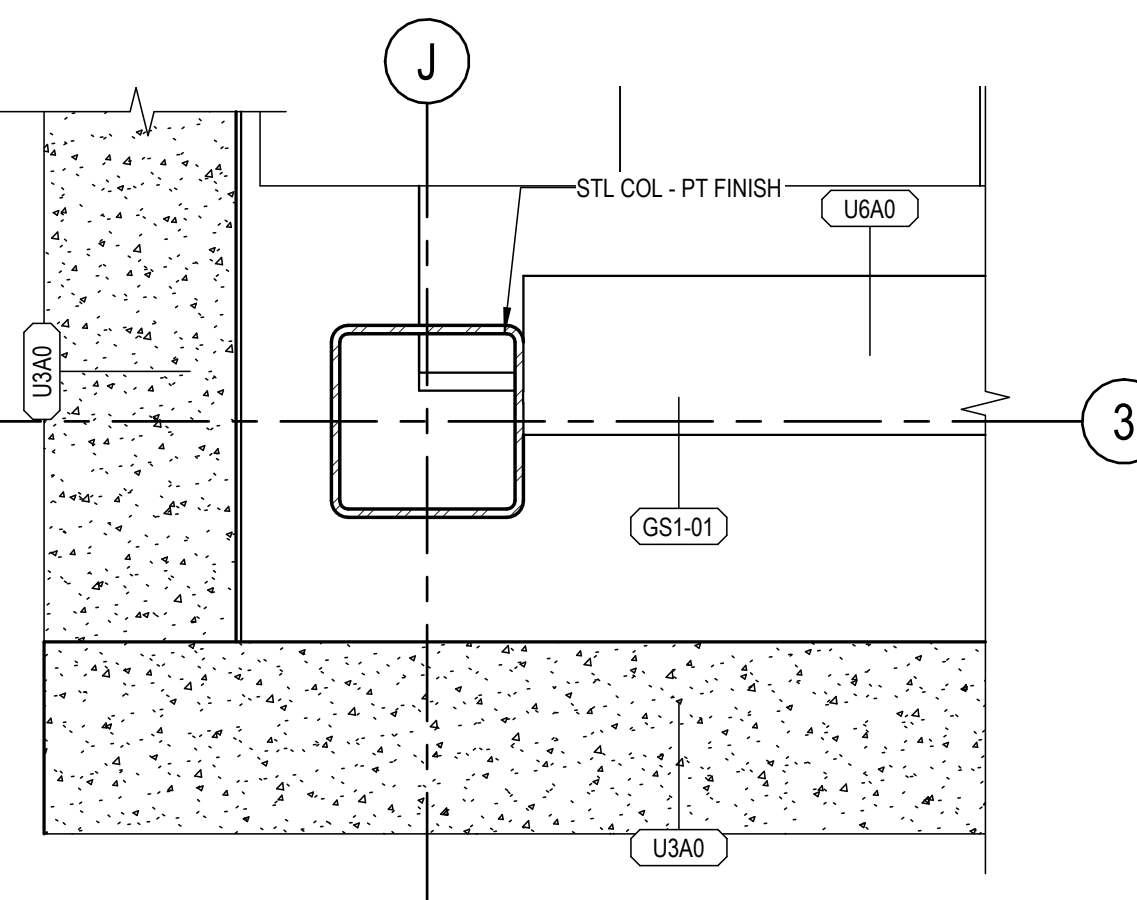
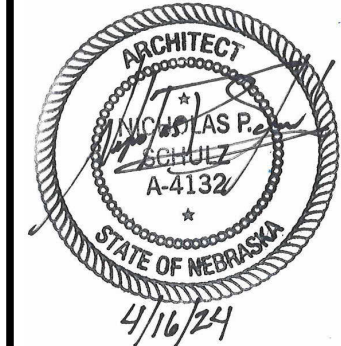
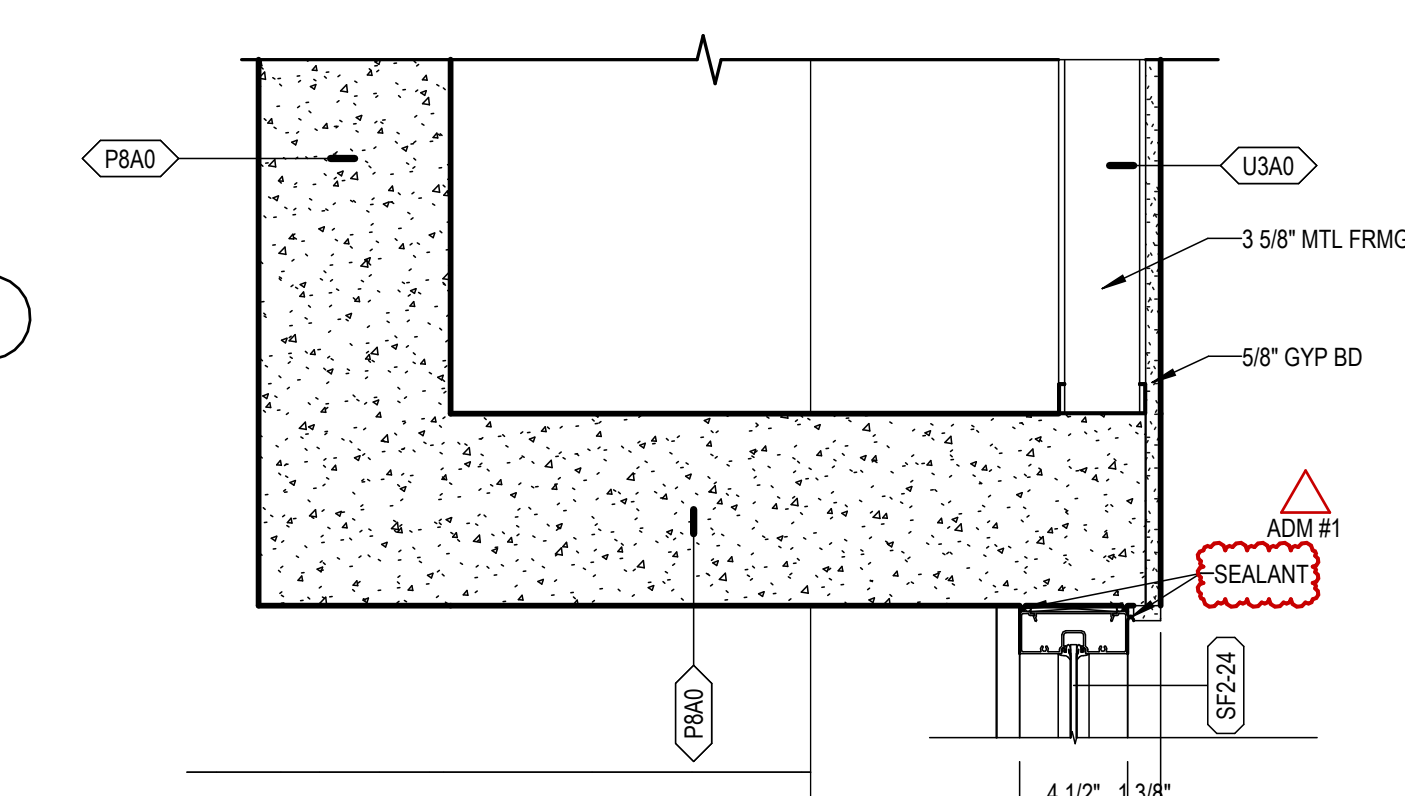
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D1 STOREFRONT CORNER @ DOOR
1 1/2" = 1'-0"**D3 STOREFRONT TO PRECAST TRANSITION**
1 1/2" = 1'-0" (A1/A01.11)**D4 GYP TO CMU WALL TRANSITION**
1 1/2" = 1'-0" (A1/A01.12)**C1 COLUMN @ STOREFRONT**
1 1/2" = 1'-0" (A1/A01.21)**C2 COLUMN @ MASONRY & RAILING**
1 1/2" = 1'-0" (A1/A01.21)**C3 STOREFRONT @ MASONRY**
1 1/2" = 1'-0"**C4 STOREFRONT @ MTL. FRAMED WALL**
1 1/2" = 1'-0" (A1/A01.14)**C5 STOREFRONT @ MTL. FRAMED WALL**
1 1/2" = 1'-0" (A1/A01.11)**B1 ANGLED STOREFRONT TRANSITION**
1 1/2" = 1'-0"**B2 STOREFRONT @ LOCKERS & SYN. PLASTER**
1 1/2" = 1'-0" (A1/A01.21)**B4 STOREFRONT @ COLUMN**
1 1/2" = 1'-0" (A1/A01.21)**B5 COLUMN @ WALL TERMINATION & RAILING**
1 1/2" = 1'-0" (A1/A01.21)**A1 ANGLED STOREFRONT CORNER**
1 1/2" = 1'-0"**A2 STOREFRONT @ MTL. FRAMED WALLS**
1 1/2" = 1'-0" (A1/A01.21)**A3 COLUMN @ TRACK RAILING**
1 1/2" = 1'-0" (A1/A01.21)**A4 COLUMN @ GLAZING & GYM CASEWORK**
1 1/2" = 1'-0" (A1/A01.11)**A5 STOREFRONT @ PRECAST**
1 1/2" = 1'-0"

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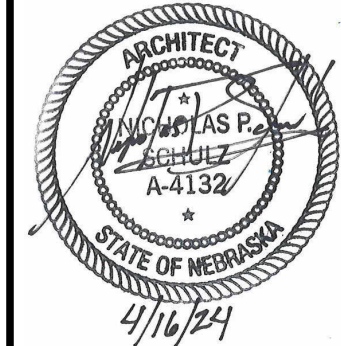
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A1

PLUMBING DEMO PLAN LEVEL 1

1/8" = 1'-0"

4E

PARTIAL RESTROOM PLUMBING DEMO

1/8" = 1'-0"

SHEET NOTES

- 1 REMOVE EXISTING PLUMBING FIXTURES, WATER, WASTE AND VENT PIPING. CAP EXISTING PIPING AS REQUIRED BEHIND FINISHED SURFACES.
- 2 REMOVE EXISTING FLOOR CLEANOUT. PATCH AND REPAIR FLOOR AS REQUIRED.
- 3 REMOVE EXISTING WATER HEATER AND PIPING AS REQUIRED.
- 4 REMOVE EXISTING RTU & MAU. REMOVE GAS PIPING AS CAP AS REQUIRED.
- 5 REMOVE EXISTING RTU.
- 6 REMOVE EXISTING SERVICE SINK AND PIPING AS REQUIRED. CAP PIPING BEHIND FINISHED SURFACES.
- 7 REMOVE EXISTING FLOOR DRAIN AND RAIN WATER PIPING AS SHOWN. CAP PIPING AS SHOWN ON SHEET M01.12.
- 8 REMOVE EXISTING AIR COOLED CONDENSER UNIT.
- 9 REMOVE EXISTING DOMESTIC WATER PIPING AS SHOWN. CAP PIPING AS REQUIRED BEHIND FINISHED SURFACES.
- 10 EXISTING WATER METER AND BACKFLOW PREVENTER AND WATER SERVICE TO BE REMOVED. CAP PIPING AS REQUIRED BEHIND FINISHED SURFACES.

SHEET NOTES

- 11 EXISTING GAS METER AND GAS SERVICE PIPING TO BE REMOVED. CAP PIPING AS REQUIRED.
- 12 REMOVE EXISTING DOMESTIC WATER STORAGE TANK PIPING AND PUMP.
- 13 REMOVE EXISTING GAS WATER HEATER. REMOVE WATER AND GAS PIPING.
- 14 REMOVE EXISTING POOL EQUIPMENT DISINFECTION CONTROL PANEL AND UV SYSTEM.
- 15 REMOVE EXISTING POOL EQUIPMENT FILTER.
- 16 REMOVE EXISTING BASE MOUNTING POOL PUMP.
- 17 REMOVE EXISTING POOL HEATER, GAS, AND WATER PIPING.
- 18 REMOVE EXISTING DOMESTIC TEMPERATURE MIXING VALVE AND WATER PIPING.
- 19 REMOVE EXISTING WALL HYDRANT / HOSE BIBBS AND WATER PIPING TO BELOW FLOOR. CAP PIPING AS REQUIRED.
- 20 REMOVE EXISTING POOL EQUIPMENT PIPING TO BELOW FLOOR. CAP AS REQUIRED.
- 21 REMOVE EXISTING AHU. DUCTWORK AS REQUIRED.
- 22 REMOVE EXISTING FLOOR DRAIN TO BELOW FLOOR AND CAP WASTE PIPING AS REQUIRED.

RECREATION CENTER ADDITION & RENOVATION

CONSTRUCTION DOCUMENTS

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KEY PLAN

AREA A
AREA B
AREA C
AREA D

ASSET	ADDENDUM F	4/20/2024
CONSTRUCTION DOCS	4/20/2024	
ISSUANCE	DATE	
PROJECT NO.	R3055-924.00	

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PLUMBING
DEMO PLAN
LEVEL 1

MD01.11

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A1 FIRST FLOOR PLUMBING PLAN - AREA B
1/8" = 1'-0"

SHEET NOTES

- 1" NATURAL GAS PIPE UP THRU ROOF. SEE SHEET M01-22 FOR CONTINUATION.
- INSTALL WALL CLEANOUT CO-2 AT BASE OF RAINWATER STACKS.
- CONTRACTOR TO VERIFY ALL CONNECTION LOCATION S TO EXISTING SANITARY.

RECREATION CENTER ADDITION & RENOVATION

CONSTRUCTION DOCUMENTS

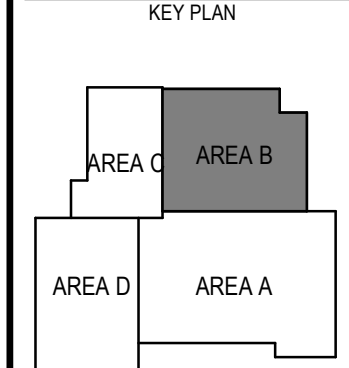
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PLUMBING PLAN
LEVEL 1 - AREA
B

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CONSTRUCTION DOCS	4-2-2024
ADDENDUM #1	4-2-2024
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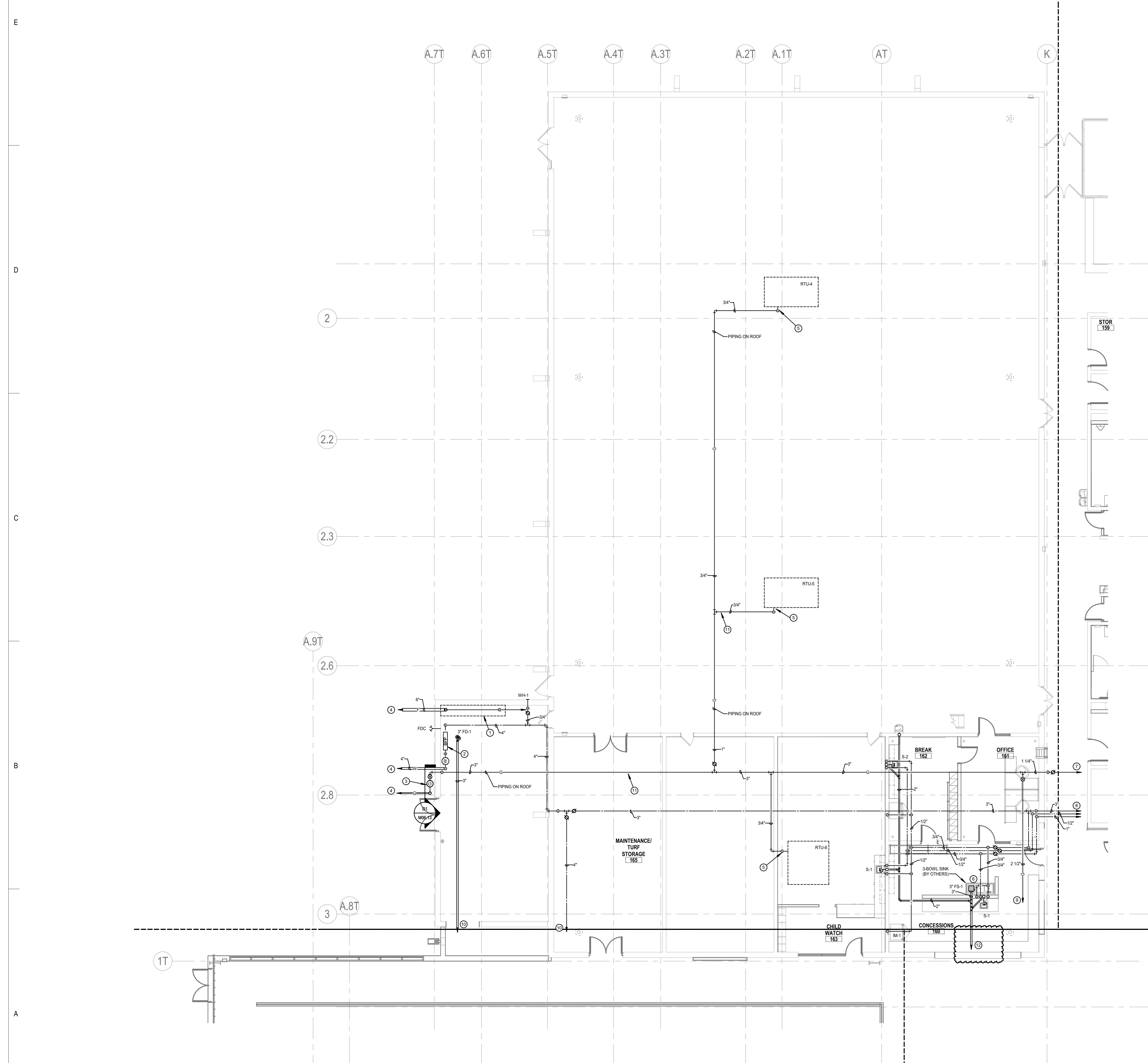
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EIT Project Number: 2022-058
Phone: 402-343-3860





A2 FIRST FLOOR PLUMBING PLAN - AREA C
1/8" = 1'-0"

SHEET NOTES

- SEE FIRE SPRINKLER ENTRANCE DETAIL ON SHEET FP01.11 FOR REQUIREMENTS.
- SEE WATER SERVICE ENTRANCE DETAIL ON SHEET M05.11 FOR REQUIREMENTS.
- LOCAL GAS COMPANY TO INSTALL NEW GAS SERVICE AND METER TO THIS LOCATION.
- SEE CIVIL PLANS FOR CONTINUATION OF PIPING.
- SEE GAS PIPE CONNECTION TO EQUIPMENT DETAIL ON SHEET M05.11 FOR REQUIREMENTS.
- SEE 3-BOWL SINK PIPING DETAIL.
- SEE SHEET M01.22 FOR CONTINUATION.
- SEE SHEET M03.12 FOR CONTINUATION.
- SEE SHEET M01.21 FOR CONTINUATION.
- SEE SHEET M01.14 FOR CONTINUATION.
- SEE SHEET M01.11 FOR CONTINUATION.
- SEE SHEET M01.11 FOR CONTINUATION.

RECREATION CENTER ADDITION & RENOVATION

CONSTRUCTION DOCUMENTS

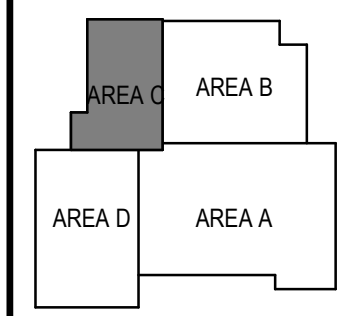
M01.13

PLUMBING PLAN
LEVEL 1 - AREA
C

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ISSUANCE	DATE
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DATE PRINTED: 4/20/2024 11:53:04 AM

PLUMBING PLAN LEVEL 2 - AREA A

1/8" = 1'-0"

SHEET NOTES

- BOTH RAIN WATER AND OVER FLOW RAIN WATER PIPING TO GO THRU BEAM ON GRID LINE 5. COORDINATE FINAL LOCATION AND REQUIREMENTS WITH STRUCTURAL.
- SEE SHEET M01.13 FOR CONTINUATION.
- SEE SHEET M01.22 FOR CONTINUATION.
- SEE ROOF DRAIN DETAIL ON SHEET M05.11 FOR REQUIREMENTS.
- SEE GAS PIPE CONNECTION TO EQUIPMENT DETAIL ON SHEET M05.11 FOR REQUIREMENTS.

SHEET NOTES

- EXTEND CONDENSATE DRAIN FOR MINI SPLIT TO ELEVATOR PUMP PUMP DISCHARGE PIPING. CONNECT INTO TOP OF PIPING AS IT SLOPE TO SERVICE SINK S-1.
- SEE LOCKERS ROOM PLAN - ENLARGED PLUMBING ON SHEET M03.11 FOR CONTINUATION OF PIPING.
- SEE SHEET M01.11 FOR CONTINUATION.
- SEE SHEET M01.14 FOR CONTINUATION.
- PROVIDE DURABLE PIPE SUPPORTS ON ROOF AT 10' SPACING (TYP.).

RECREATION CENTER ADDITION & RENOVATION

CONSTRUCTION DOCUMENTS

**1300 McDONALD RD.
NORTH PLATTE, NE 69101**

CITY OF NORTH PLATTE, NE

**PLUMBING PLAN
LEVEL 2 - AREA
A**

M01.21

KEY PLAN	
AREA C	AREA B
AREA D	AREA A

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ISSUANCE	CONSTRUCTION DOCS
DATE	4/20/2024

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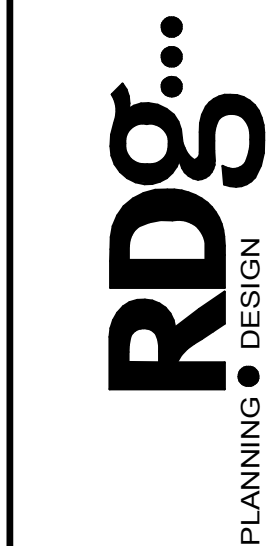
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A1 SECOND FLOOR PLUMBING PLAN - AREA B
1/8" = 1'-0"

SHEET NOTES

- 1" NATURAL GAS PIPE DOWN TO WATER HEATERS. SEE SHEET M01.12 FOR CONTINUATION.
- SEE SHEET M01.13 FOR CONTINUATION.
- SEE SHEET M01.21 FOR CONTINUATION.
- SEE GAS PIPE CONNECTION TO EQUIPMENT DETAIL ON SHEET M05.11 FOR REQUIREMENTS.
- SEE SHEET M03.12 FOR CONTINUATION.
- PROVIDE DURABLOK PIPE SUPPORTS ON ROOF AT 10' SPACING (TYP.).

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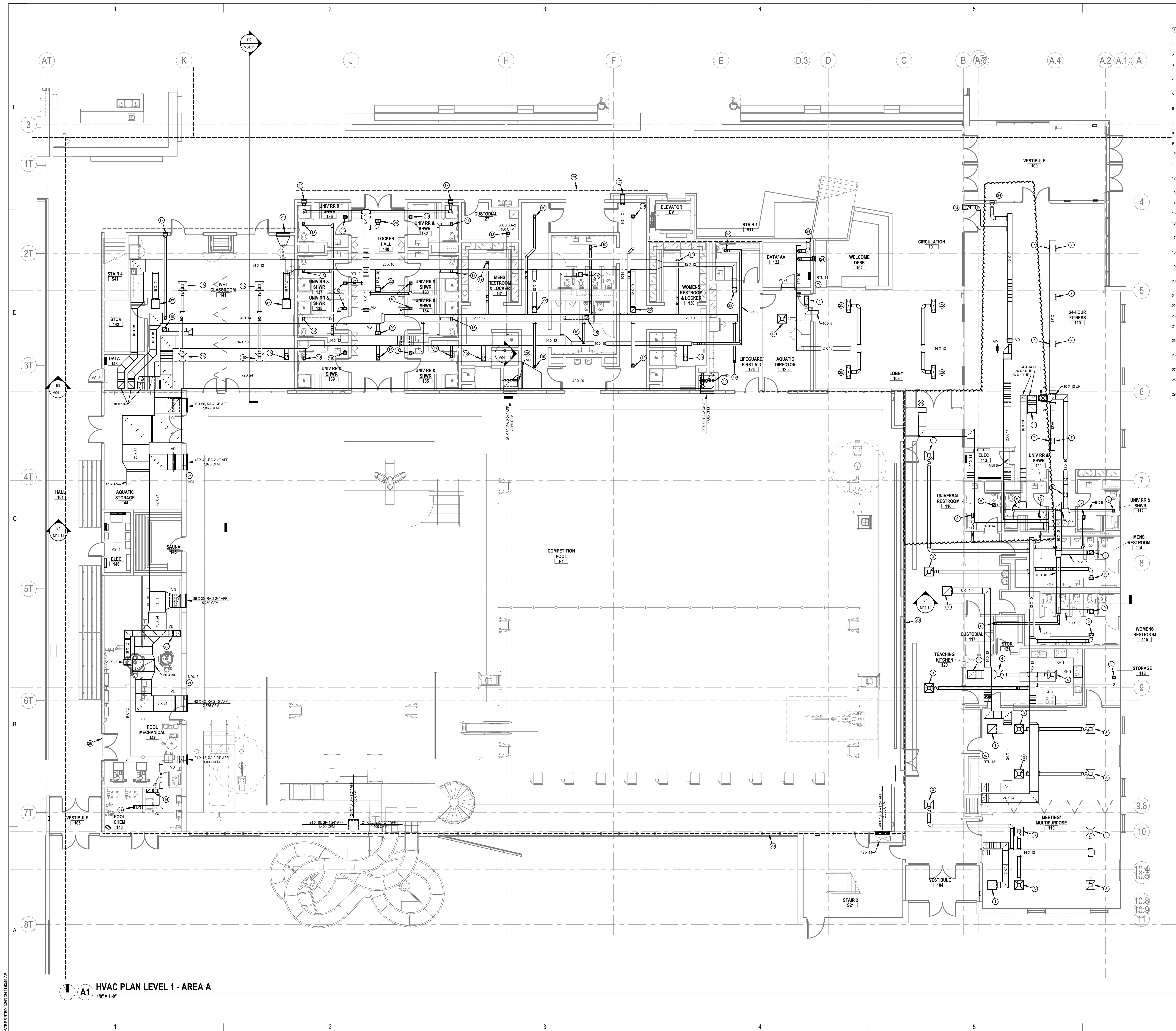
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SHEET NOTES	
1	22 X 22 RETURN AIR GRILLE (RA-1).
2	10 X 22 RETURN AIR GRILLE (RA-1).
3	8" CEILING DIFFUSER (CD-1), BALANCE TO 225 CFM. EXTEND 8" DIA. DUCT AS SHOWN.
4	8" CEILING DIFFUSER (CD-1), BALANCE TO 175 CFM. EXTEND 8" DIA. DUCT AS SHOWN.
5	6 X 6 SUPPLY REGISTER (SR-1), BALANCE TO 175 CFM. EXTEND 5" DIA. DUCT AS SHOWN.
6	12 X 6 SUPPLY REGISTER (SR-1), BALANCE TO 175 CFM. EXTEND 8" DIA. DUCT AS SHOWN.
7	18 X 6 SUPPLY REGISTER (SR-2), BALANCE TO 350 CFM.
8	6 X 6 EXHAUST AIR GRILLE (XA-1), BALANCE TO 100 CFM.
9	10 X 10 EXHAUST AIR GRILLE (XA-1), BALANCE TO 375 CFM.
10	10 X 10 EXHAUST AIR GRILLE (XA-1), BALANCE TO 400 CFM.
11	PROVIDE A 20 X 20 OPENING IN THE TOP OF THE RETURN DUCT. COVER OPENING WITH A BIRD SCREEN.
12	8" CEILING DIFFUSER (CD-1), BALANCE TO 100 CFM. EXTEND 8" DIA. DUCT AS SHOWN.
13	6 X 6 EXHAUST AIR GRILLE (XA-2), BALANCE TO 100 CFM.
14	8 X 6 EXHAUST AIR GRILLE (XA-2), BALANCE TO 200 CFM.
15	10 X 10 EXHAUST AIR GRILLE (XA-2), BALANCE TO 300 CFM.
16	8" CEILING DIFFUSER (CD-2), BALANCE TO 130 CFM. EXTEND 7" DIA. DUCT AS SHOWN.
17	12 X 6 SUPPLY REGISTER (SR-1), BALANCE TO 100 CFM. EXTEND 8" DIA. DUCT AS SHOWN.
18	6 X 6 SUPPLY REGISTER (SR-1), BALANCE TO 50 CFM. EXTEND 8" DIA. DUCT AS SHOWN.
19	6 X 6 SUPPLY REGISTER (SR-1), BALANCE TO 75 CFM. EXTEND 8" DIA. DUCT AS SHOWN.
20	12 X 6 SUPPLY REGISTER (SR-1), BALANCE TO 70 CFM. EXTEND 8" DIA. DUCT AS SHOWN.
21	36 X 12 RETURN AIR GRILLE (RA-2).
22	12 X 12 RETURN AIR GRILLE (RA-2).
23	22 X 22 RETURN AIR GRILLE (RA-2).
24	12 X 8 SUPPLY REGISTER (SR-1), BALANCE TO 200 CFM. EXTEND 8" DIA. DUCT AS SHOWN.
25	3" LONG SLOTTED LINEAR DIFFUSER (LD-1), BALANCE TO 125 CFM. EXTEND 7" DIA. DUCT TO PLENUM.
26	16 X 16 EXHAUST AIR GRILLE (XA-3), BALANCE TO 1200 CFM.
27	22 X 22 RETURN AIR GRILLE (RA-3).
28	ALL DUCTWORK AND AIR DEVICES IN THIS AREA TO BE ALUMINUM.
29	PROVIDE ACCESS DOOR FOR VOLUME DAMPER.

RECREATION CENTER ADDITION & RENOVATION

1300 McDONALD RD.
NORTH PLATTE, NE 69101
CITY OF NORTH PLATTE, NE

KEY PLAN
AREA C
AREA B
AREA D
AREA A

ASHEET / ADDENDUM F
CONSTRUCTION DOCS
ISSUANCE
PROJECT NO.
R3955-924.00

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HVAC PLAN
LEVEL 1 - AREA A
M02.11

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A1 HVAC PLAN LEVEL 1 - AREA B
1/8" = 1'-0"

SHEET NOTES

- 18 X 6 SUPPLY REGISTER (SR-1), BALANCE TO 330 CFM.
- 10 X 6 SUPPLY REGISTER (SR-1), BALANCE TO 100 CFM. EXTEND 6" DIA. DUCT AS SHOWN.
- 8" CEILING DIFFUSER (CD-1), BALANCE TO 200 CFM. EXTEND 6" DIA. DUCT AS SHOWN.
- 22 X 22 RETURN AIR GRILLE (RA-1).
- 10 X 22 RETURN AIR GRILLE (RA-1).
- 4" LONG 2 SLOTTED LINEAR DIFFUSER (LD-1), BALANCE TO 100 CFM. EXTEND 6" DIA. DUCT AS SHOWN.
- 6" CEILING DIFFUSER (CD-1), BALANCE TO 150 CFM. EXTEND 7" DIA. DUCT AS SHOWN.
- 6" CEILING DIFFUSER (CD-1), BALANCE TO 100 CFM. EXTEND 6" DIA. DUCT AS SHOWN.
- 6" CEILING DIFFUSER (CD-1), BALANCE TO 125 CFM. EXTEND 7" DIA. DUCT AS SHOWN.
- 12 X 8 SUPPLY REGISTER (SR-1), BALANCE TO 150 CFM. EXTEND 7" DIA. DUCT AS SHOWN.
- 10 X 10 EXHAUST AIR GRILLE (XA-1), BALANCE TO 300 CFM.
- 12" X 6" SUPPLY REGISTER (SR-1), BALANCE TO 250 CFM. EXTEND 6" DIA. DUCT AS SHOWN.
- RE-BALANCE EXISTING DIFFUSER TO 250 CFM.
- RE-BALANCE EXISTING REGISTER TO 250 CFM.
- 6 X 8 RETURN AIR GRILLE (RA-2).
- PROVIDE DRYER BOX DBX PRODUCT MODEL DBX 1000-M. OFFSET DRYER DUCT BEFORE GOING THRU ROOF TO INSTALL GREENHECK MODEL RCC-7 AT LEAST 10' AWAY FROM ANY FRESH AIR INTAKES.
- SET NEW EXHAUST FAN ON EXISTING FAN CURB. PROVIDE ANY TRANSITIONS REQUIRED.
- EXISTING ROOF CURB TO REMAIN. PROVIDE AND INSTALL CURB ADAPTER AS REQUIRED FOR NEW RTU.
- ALL DUCTWORK AND AIR DEVICES IN THIS AREA TO BE ALUMINUM.
- EXTEND INTAKE AIR AND VENT PIPING UP THRU ROOF AND TERMINATE ACCORDING TO MANUFACTURER. KEEP AT LEAST 10'-0" AWAY FROM ANY FRESH AIR INTAKES.

CONSTRUCTION DOCUMENTS



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CITY OF NORTH PLATTE, NE

RECREATION CENTER ADDITION & RENOVATION

KEY PLAN
AREA A
AREA B
AREA C
AREA D

PROJECT NO. R3955-924.00
DATE 4/20/24

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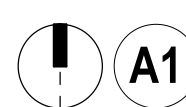
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HVAC PLAN
LEVEL 1 - AREA
B

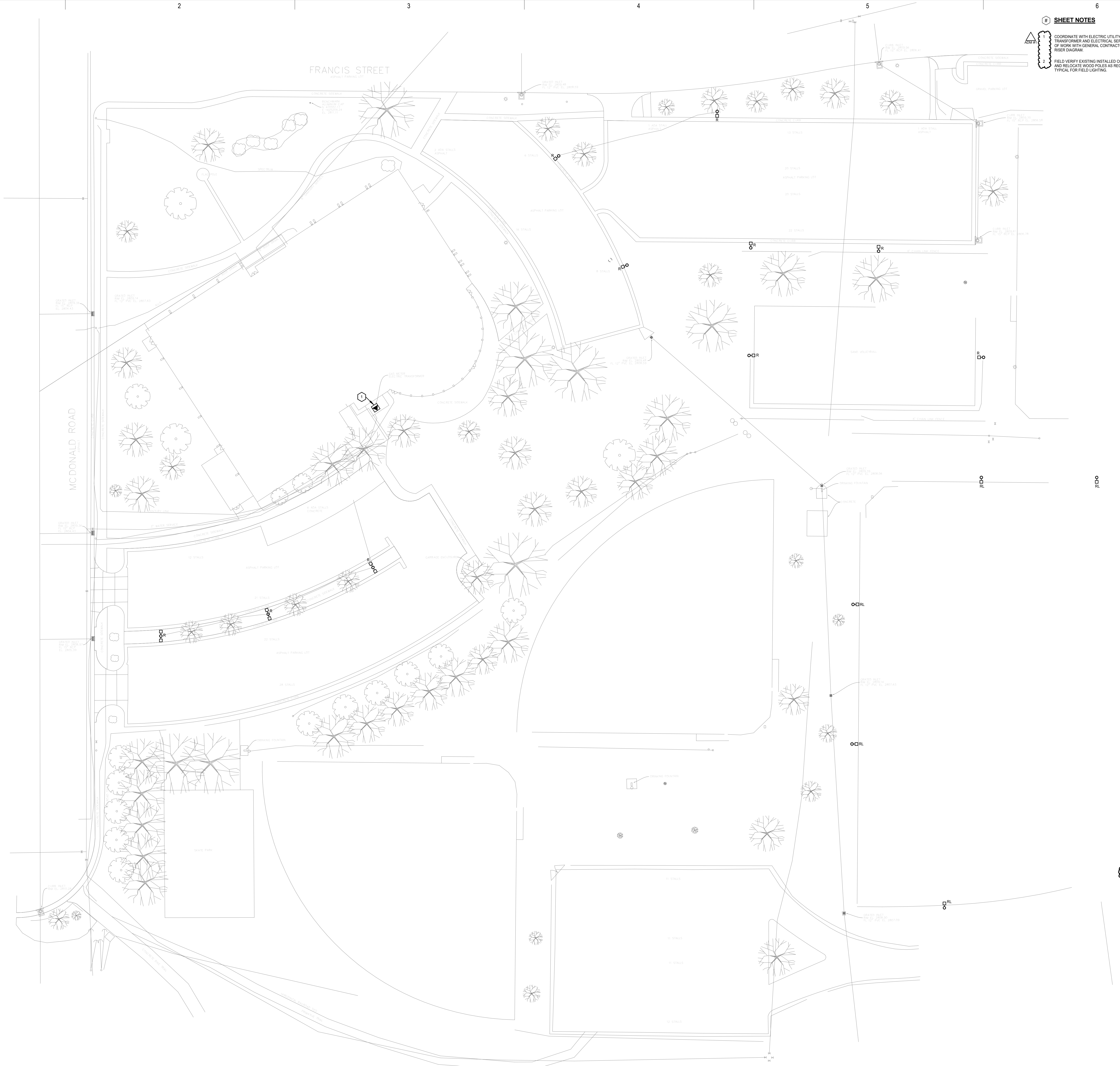
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ELECTRICAL DEMOLITION SITE PLAN

1" = 30'-0"

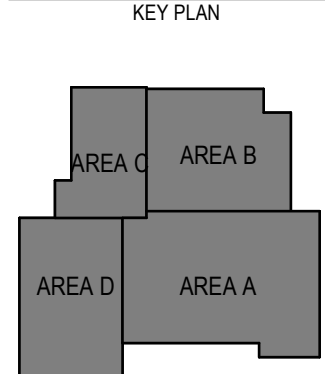


SHEET NOTES

- COORDINATE WITH ELECTRIC UTILITY TO REMOVE EXISTING TRANSFORMER AND ELECTRICAL SERVICE. COORDINATE PHASING OF WORK WITH GENERAL CONTRACTOR. REFER TO THE POWER RISER DIAGRAM.
- FIELD VERIFY EXISTING INSTALLED CONDITIONS FOR FIELD LIGHTING AND RELOCATE WOOD POLES AS REQUIRED TO NEW LOCATIONS. TYPICAL FOR FIELD LIGHTING.

RECREATION CENTER ADDITION & RENOVATION

1300 McDONALD RD.
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CITY OF NORTH PLATTE, NE



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1	ISSUED FOR PERMIT	4/2/2024
2	CONSTRUCTION DOCS	4/2/2024
3	ISSUED	4/2/2024
4	ISSUED	4/2/2024
5	ISSUED	4/2/2024
6	ISSUED	4/2/2024
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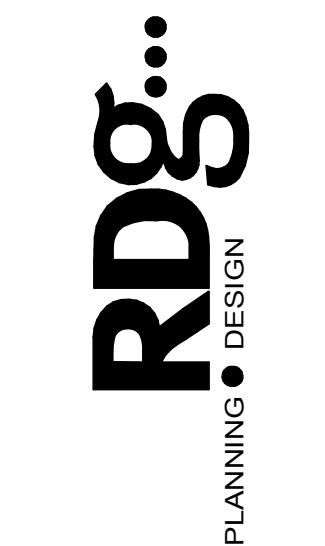
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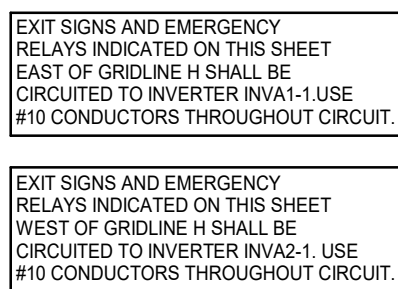
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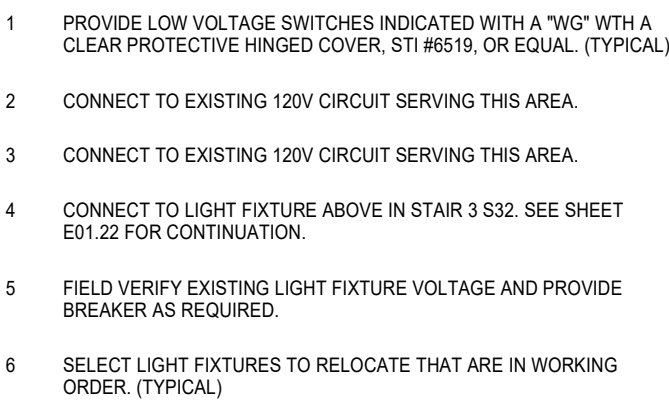
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ESD01.11





- E01.11



EXIT SIGNS AND EMERGENCY RELAYS
INDICATED ON THIS SHEET WEST OF
GRIDLINE H SHALL BE CIRCUITED TO
INVERTER INV-B. USE #10 CONDUCTO
THROUGHOUT CIRCUIT.

RECREATION CENTER ADDITION & RENOVATION

1300 MCDONALD RD.
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CITY OF NORTH PLATTE, NE

KEY PLAN

AREA C

AREA D

ADM #1	ADDENDUM #1	4.24.200
CD	CONSTRUCTION DOCS	4.16.200
ISSUANCE		DATE
PROJECT NO.		R3005.924.0

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**LIGHTNING PLAN
LEVEL 1 - AREA
B**

E01.12

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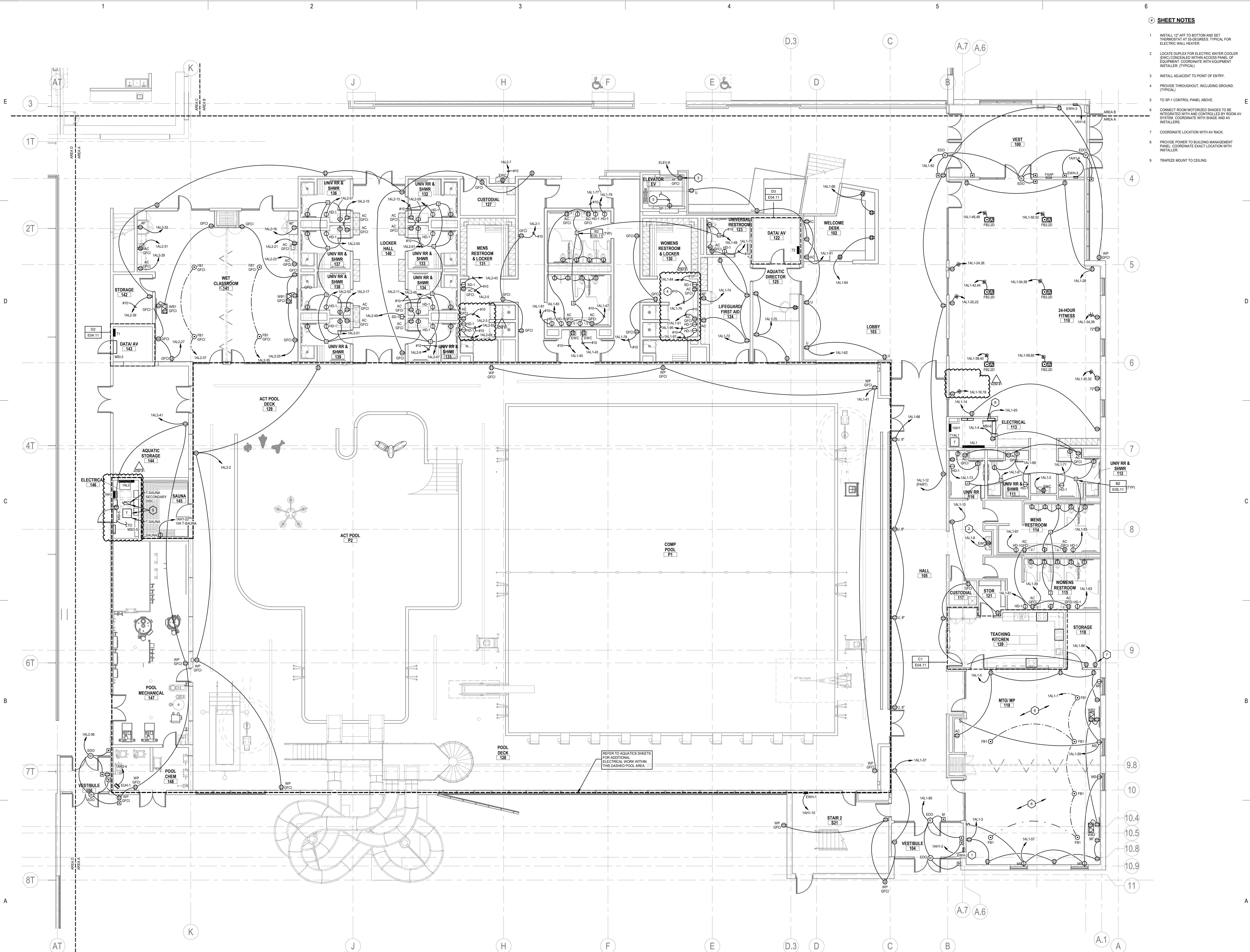
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A1 POWER PLAN LEVEL 1 - AREA A
1/8" = 1'-0"



- SHEET NOTES**
1. INSTALL 1/2" APT TO BOTTOM AND SET THERMOSTAT AT 55-DEGREES. TYPICAL FOR ELECTRIC WALL HEATER.
 2. LOCATE DUPLEX FOR ELECTRIC WATER COOLER (EWC) CONCEALED WITHIN ACCESS PANEL OF EQUIPMENT. COORDINATE WITH EQUIPMENT INSTALLER. (TYPICAL)
 3. INSTALL ADJACENT TO POINT OF ENTRY.
 4. PROVIDE THROUGHOUT, INCLUDING GROUND (TYPICAL)
 5. TO SP-1 CONTROL PANEL ABOVE.
 6. CONNECT ROOM MOTORIZED SHADES TO BE INTEGRATED WITH AND CONTROLLED BY ROOM AV SYSTEM. COORDINATE WITH SHADE AND AV INSTALLERS.
 7. COORDINATE LOCATION WITH AV RACK.
 8. PROVIDE POWER TO BUILDING MANAGEMENT PANEL. COORDINATE EXACT LOCATION WITH INSTALLER.
 9. TRAPEZE MOUNT TO CEILING.

RECREATION CENTER ADDITION & RENOVATION

1300 McDONALD RD.
NORTH PLATTE, NE 69101
CITY OF NORTH PLATTE, NE

KEY PLAN
AREA C
AREA B
AREA D
AREA A

ASSET / ADDENDUM # 2-26-2024
CONSTRUCTION DOCS 4-26-2024
ISSUANCE DATE
PROJECT NO. R3095.924.00
C2204
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POWER PLAN
LEVEL 1 - AREA A
E02.11

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A1 TECHNOLOGY PLAN LEVEL 1 - AREA A
1/8" = 1'-0"

SHEET NOTES

1. INSTALL WITHIN 24" OF FIRE SPRINKLER HEAD. COORDINATE WITH FIRE SPRINKLER CONTRACTOR.
2. PROVIDE CONNECTION TO POOL CHEMICAL CONTROLLERS.
3. PROVIDE A 2" CONDUIT SLEEVE, WITH PULL STRING AND PLASTIC BURNINGS ON EACH END, SECURED TO WALL/STUDS. INSTALL ABOVE ACCESSIBLE CEILING, WHERE A CEILING IS NOT PRESENT, INSTALL AS HIGH AS POSSIBLE. E-BELOW ROOF DECK. SLEEVES SHOULD BE INSTALLED ABOVE A CABLE TRAY, WHERE PRESENT. PROVIDE J-HOOK CABLE HANGERS TO ROUTE CABLE FROM CONDUIT TO CABLE TRAY. TYPICAL UNLESS NOTED OTHERWISE.
4. PROVIDE A 3" CONDUIT BELOW GRADE RESERVED FOR INDOOR/OUTDOOR RATED TELECOM CABLE. TERMINATE CONDUIT 6" ABOVE FLOOR IN TELECOM ROOM AND ABOVE ACCESSIBLE CEILING OF CHILD WATCH ROOM 163 AT OTHER END. PROVIDE CABLE PULL-STRING IN CONDUIT.
5. PAGING SYSTEMS MICROPHONE. REFER TO PUBLIC ADDRESS SPECIFICATIONS. STUB A 1" CONDUIT TO DATA 122.
6. DATA OUTLET FOR SERVICE TO FUTURE FLAT PANEL DISPLAY.
7. EMERGENCY PHONE VIKING PART NUMBER E-1600-02A-EWP. PROGRAM WITH PHONE SYSTEM TO PROVIDE RING CURRENT TO RECEPTION DESK. COORDINATE WITH OWNER FOR PROGRAMMING.
8. TERMINATE CONDUIT FROM DATA COMPARTMENT OF FLOORBOX ABOVE ACCESSIBLE CEILING AT SOUTHWEST CORNER OF ROOM 110.
9. PROVIDE WITH MICROPHONE AND PAGING CONTROLS.
10. PROVIDE CONNECTION TO BUILDING MANAGEMENT SYSTEM PANEL.
11. PROVIDE CONNECTION TO POOL CHEMICAL CONTROLLERS.

CONSTRUCTION DOCUMENTS



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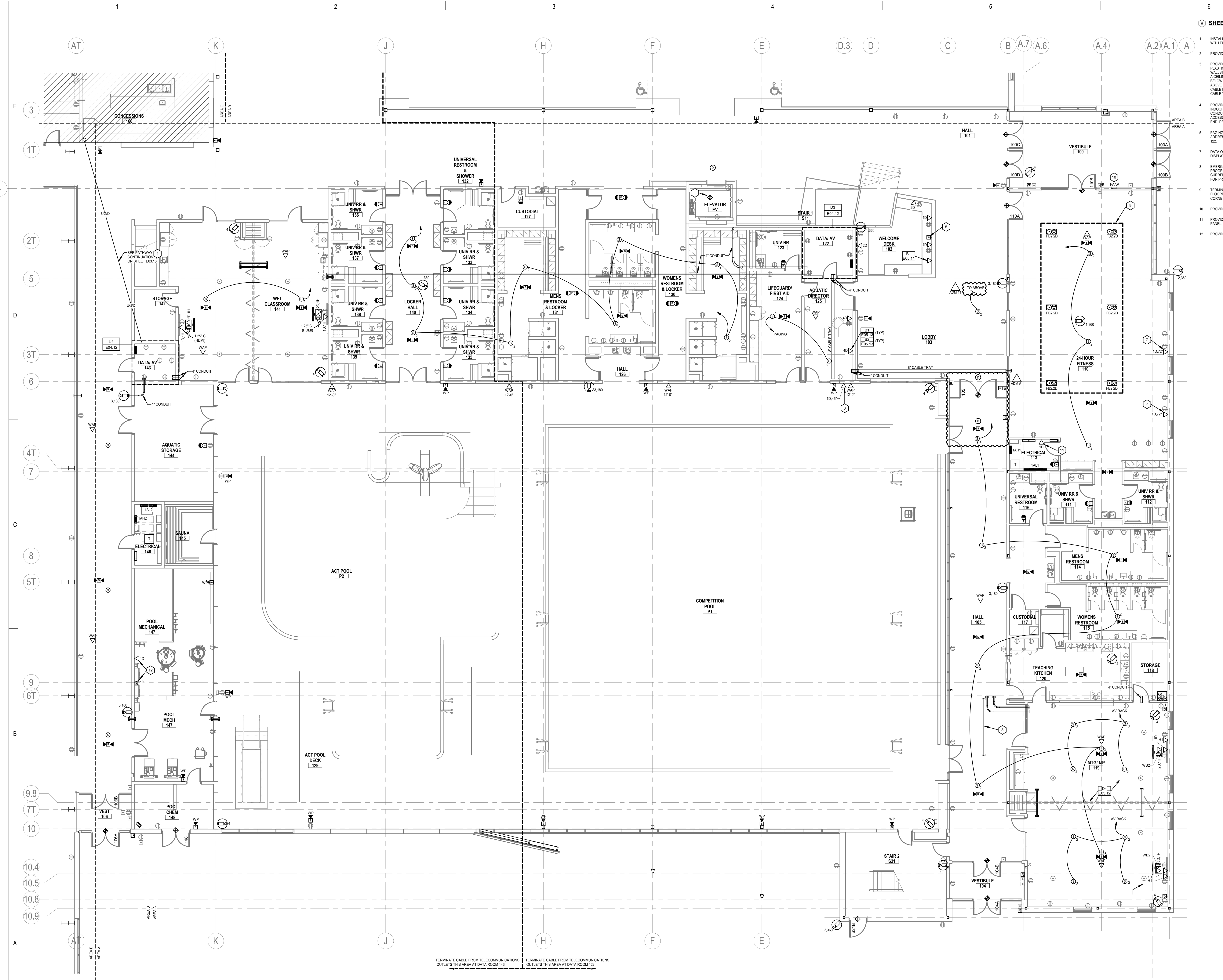
KEY PLAN
AREA C
AREA B
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DATE	4/20/2024
ISSUANCE	CONSTRUCTION DOCUMENTS
PROJECT NO.	R3095-924.00

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**TECHNOLOGY
PLAN LEVEL 1 -
AREA A**

E03.11







TECH
 1/8" = 1'-0"

CEILING MOUNTED DEVICES IN AREA OPEN TO STRUCTURE TO BE SUPPORTED BY UNSTRUCT AT SAME ELEVATION AS STRUCTURE.

2. PROVIDE A RECESSED DATA OUTLET ROUGH-IN WITH BLANK WEATHER RESISTANT COVERPLATE. OUTLET RESERVED FOR FUTURE CAMERA LENSE AS CLOSE AS POSSIBLE TO STRUCTURE TO BUILDING CORNER.

3. PROVIDE 2" COND. SUELT, WITH PULLSTRINGS AND LASTING 10' ON EACH END. PROVIDE 1/2" GALV. SUELT. INSTALL ABOVE ACCESSIBLE CEILING, WHERE A CEILING IS NOT PRESENT. INSTALL AS HIGH AS POSSIBLE BELOW ROOF OR ABOVE CEILING. PROVIDE ABOVE A 6" CABLE TRAY, WHERE PRESENT. PROVIDE 4" JOCK CABLE HANGERS TO ROUTE CABLE FROM OUTLET TO CABLE TRAY. (TYPICAL, UNLESS NOTED OTHERWISE).

4. PROVIDE DATA OUTLET FOR SERVICE TO ELEVATOR CAB EQUIPMENT. COORDINATE EXACT OUTLET LOCATION WITH ELEVATOR EQUIPMENT INSTALLATION.

5. PROVIDE DETECT MOUNTED SMOKE DETECTOR IN RETURN AIR DUCT AND/OR SUPPLY DUCT AS INDICATED WITH NO INLETS OR OUTLETS. PROVIDE DETECTOR WITH SHUTDOWN SIGNAL AND PROVIDE A SHUTDOWN RELAY FOR EACH DETECTOR AND CONNECT TO THE FIRE ALARM SYSTEM AND SHUTDOWN SIGNAL OF THE FAN UNIT. (TYPICAL).

RECREATION CENTER ADDITION & RENOVATION

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CITY OF NORTH PLATTE, NE

ADDENDUM #1	4/24/2020
CONSTRUCTION DOCS	4/16/2020
ISSUANCE	DATE
PROJECT NO:	R3105.924.0

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TECHNOLOGY
PLAN LEVEL 2 -
AREA A

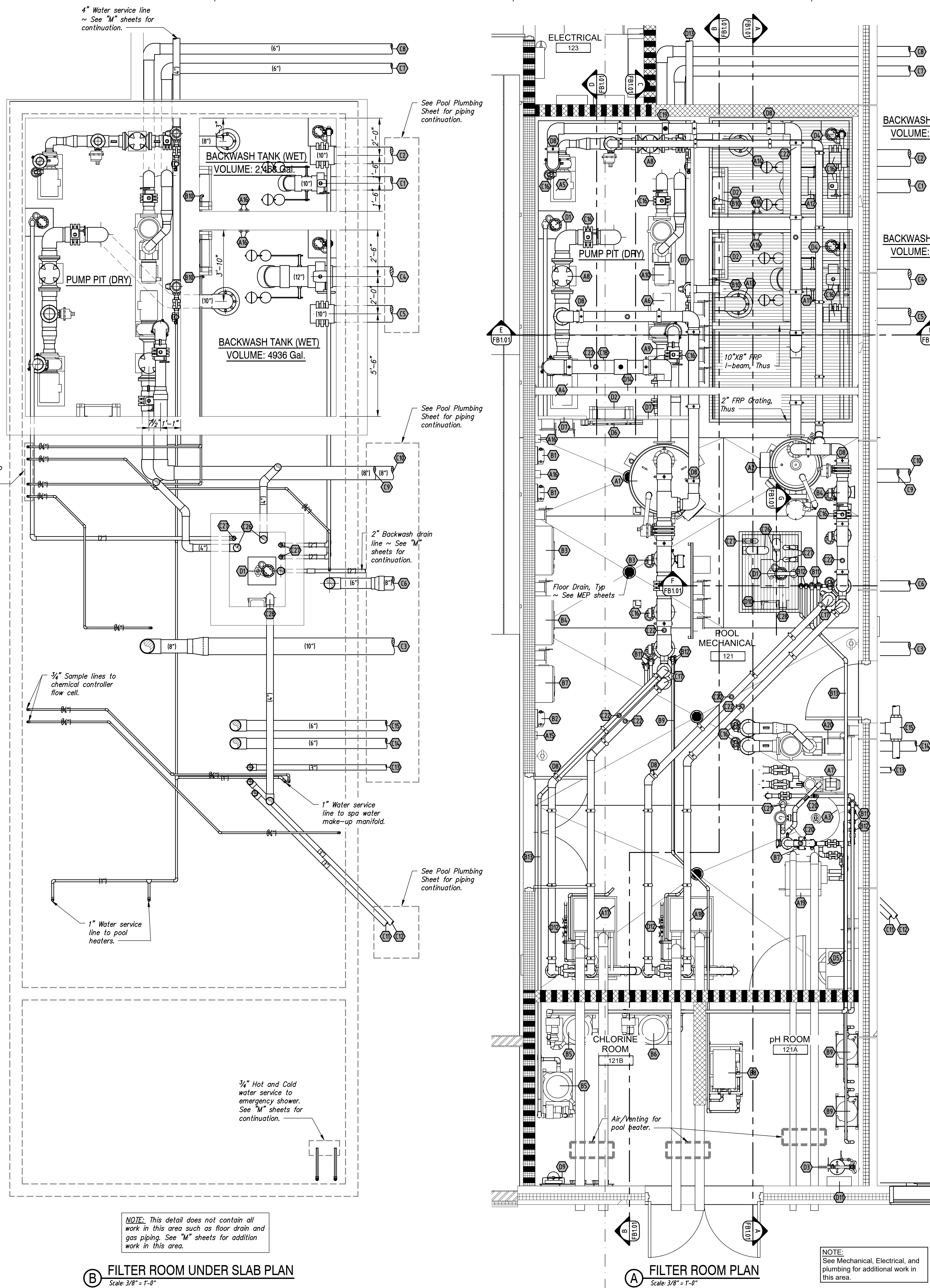
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SWITCHBOARD SCHEDULE															
SWBD		MSB		VOLTAGE		PHASE		277 / 480V		22 KVA RMS		2,500A		MAIN BREAKER	
EST. MAX DEMAND		1,366 KVA		277 / 480V		30		4 WIRE, SOLID NEUTRAL		CONDUCTORS		CONDUIT		SERVICES	
CMT		SERVICES		LOAD		BREAKER		SIZE		POLE		TYPE		NO.	
NO.		NO.		VA		TYPE		NO.		SIZE		NO.		SIZE	
1	PANEL 1GH1	27	100	3	TM	4	10 AL	8	1	1"	-	-	-	-	-
2	PANEL 1AH1	103	400	3	LSI	8	LSI	8	250 AL	2	2	2"	-	-	-
3	PANEL 1CH1	33	100	3	TM	4	10 AL	8	1	1.5"	-	-	-	-	-
4	EXTERNAL SPD	0	60	3	TM	-	-	-	-	-	-	-	-	-	-
5	PANEL 1BH1	400	150	3	LSI	8	LSI	8	250 AL	4	4	2"	-	-	-
6	SPACE	250	3	-	-	-	-	-	-	-	-	-	-	-	-
7	SPAC1	250	3	-	-	-	-	-	-	-	-	-	-	-	-
8	PANEL 1BOP, VIA 11BOP	262	800	3	LSI	6	500 AL	10	2	2.5"	-	-	-	-	-
9	RTU13	115	175	3	TM	-	-	-	-	-	-	-	-	-	-
10	PANEL 1LH1	175	3	TM	-	-	-	-	-	-	-	-	-	-	-
11	NDU12	106	175	3	TM	-	-	-	-	-	-	-	-	-	-
12	PANEL 1PT1	150	250	3	TM	-	-	-	-	-	-	-	-	-	-
13	PANEL 1GL1, VIA 1TCL1	175	3	TM	-	-	-	-	-	-	-	-	-	-	-
14	PANEL 1AL1, VIA 1TAL1	51	175	3	TM	3	40 AL	4	1	2"	-	-	-	-	-
15	SPAC1E	250	3	-	-	-	-	-	-	-	-	-	-	-	-
16	SPAC1E	250	3	-	-	-	-	-	-	-	-	-	-	-	-
17	SPACE	250	3	-	-	-	-	-	-	-	-	-	-	-	-
18	SPACE	250	3	-	-	-	-	-	-	-	-	-	-	-	-
19	SPACE	250	3	-	-	-	-	-	-	-	-	-	-	-	-
20	SPACE	250	3	-	-	-	-	-	-	-	-	-	-	-	-
21	SPACE	400	3	-	-	-	-	-	-	-	-	-	-	-	-

NOTES:

1. PROVIDE WITH SERVICE ENTRANCE RATING, ARC FAULT RESISTANT MAINTENANCE SWITCH, AND GROUND FAULT PROTECTION AND 100% RATED MAIN BREAKER

2. ILM: THERMAL MAGNETIC 15-100 AMPERE RANGE/INSTANTANEOUS 2500A



NOTE: This detail does not contain all work in this area such as floor drain and gas piping. See "M" sheets for addition work in this area.

B FILTER ROOM UNDER SLAB PLAN
Scale: 3/8" = 1'-0"

A FILTER ROOM PLAN
Scale: 3/8" = 1'-0"

NOTE: See Mechanical, Electrical, and plumbing for additional work in this area.

PUMP / FILTRATION EQUIPMENT:

- Filter (Lap Pool):** Paddock PEC Regenerative Media Filter PPEC 900S with automated option. Rated for 819 to 1310 GPM with 810.0 SF of filter and a filtration rate of 1.4 GPM/SF. Filter must have automated bump cycle and must have VFD flow control via a flow meter. VFD and flow meter provided by Paddock. VFD to be in NEMA 12 enclosure. See Detail N-FB2.02.
- Filter (Activity Pool):** Paddock PEC Regenerative Media Filter PPEC 350S with automated option. Rated for 337 to 565 GPM with 351.2 SF of filter and a filtration rate of 1.4 GPM/SF. Filter must have automated bump cycle and must have VFD flow control via a flow meter. VFD and flow meter provided by Paddock. VFD to be in NEMA 12 enclosure. See Detail N-FB2.02.
- Filter (Spa):** Pentair Triton II T140 Vertical Filter 36.5" Dia. x 45.25" Height, 7.06 Sq. Ft. of media area. Rated for 106 gpm max. Provide multi-port valve with 2" NPT. See Detail F-FB2.01.
- Recirc Pump - Lap Pool:** See Pump Data for details. Provide Allen Bradley VFD for pump and extra strainer basket. (Paco & Aurora approved as alternates.)
- Recirc Pump - Activity Pool:** See Pump Data for details. Provide Allen Bradley VFD for pump and extra strainer basket. (Paco & Aurora approved as alternates.)
- Waterslides Pump (Activity Pool):** See Pump Data for details. Provide Allen Bradley VFD for pump and extra strainer basket. (Paco & Aurora approved as alternates.)
- Recirc Pump (Spa):** See Pump Data for details.
- Strainer (Lap & Activity Pool Recirc Pump):** FRP Straight strainer w/ extra basket. (Recirc Pump) (Paddock, Neptune Benson, Astra, and Nemato approved as manufacturers.)
- Strainer (Waterslide Pump):** FRP Eccentric strainer w/ extra basket. (Recirc Pump) (Paddock, Neptune Benson, Astra, and Nemato approved as manufacturers.) See Pump Data Table for sizes.
- Water Features Pump (Activity Pool):** See Pump Data for details. Provide Allen Bradley VFD for pump and extra strainer basket. (Paco & Aurora approved as alternates.)
- Diversion Valve (Lap Pool):** Paddock PEC 12" PVC Diversion Valve
- Diversion Valve (Activity Pool):** Paddock PEC 10" PVC Diversion Valve
- Anti-Vortex Plate (Lap Pool):** Paddock PEC 8" Anti-Vortex Plate
- Anti-Vortex Plate (Activity Pool):** Paddock PEC 6" Anti-Vortex Plate
- Water level, Pool Fill line & Auto Fill controller (Spa):** Aquaticontrol JELC-B10-05-DW-100, Dual sensing, deck well w/ 100ft of cord ~ See Detail M-FB2.00
- Water level, Pool Fill line & Auto Fill controller (Lap Pool & Activity):** Aquaticontrol JELC-B10-TS-ST-100, Tri sensor for surge tank w/ 100ft of cord ~ See Detail F-FB2.01
- Pool Heater (Lap Pool):** Lochivar Aquas AP-1000, 1000K BTU. See Detail H-FB2.01
- Pool Heater (Activity Pool):** Lochivar Aquas AP-1000, 1000K BTU. See Detail H-FB2.01
- Pool Heater (Spa):** Lochivar EnergyRite Model ER152, 152K BTU Gas heater. See Detail G-FB2.01
- Therapy Jet Pump - Spa:** See Pump Data for details. Provide Allen Bradley VFD for pump and extra strainer basket. (Paco & Aurora approved as alternates.)

CHLORINATION EQUIPMENT:

- Chemical Controller (Lap & Activity Pool):** BECSys7 Chemical and Filter Controller Model BECSys7-051TPORBX, with flow cell and Free Chlorine Probe. See Details A-FB2.02 & B-FB2.02
- Chemical Controller (Spa):** Bees Technology BECSys3.1100267-051TPORBX controller with Free Chlorine Probe. See Details C-FB2.02
- UV Chamber (Lap):** Evoque UV System, 8" Chamber rated for 1,012gpm at 60m/cm², 6KW output, Model WF-215-8-N, 208V, 1φ, 60Hz w/ control cabinet in 304S.S. NEMA 4X, & in-line strainer ~ See Detail A-FB2.02
- UV Chamber (Activity Pool):** Evoque UV System, 8" Chamber rated for 1012 gpm at 60m/cm², 6KW output, Model WF-215-8-N, 208V, 1φ, 60Hz w/ control cabinet in 304S.S. NEMA 4X, & in-line strainer ~ See Detail B-FB2.02
- Chlorinator (Lap & Activity Pool):** Axial Accu-Tab PowerBase 3140, balance tank, booster pump & stand. Rated for 522 lbs of available chlorine per 24hrs. ~ See Detail A-FB2.02 & B-FB2.02
- Chlorinator (Spa):** Axial Accu-Tab PowerBase 1030AT balance tank, booster pump & stand. Rated for 67 lbs of available chlorine per 24hrs. ~ See Detail C-FB2.02
- UV Chamber (Spa):** Evoque UV System, 3" Chamber rated for 211 gpm at 60m/cm², 1.5KW output, Model WF-115-3-M, 208V, 1φ, 60Hz w/ control cabinet in 304S.S. NEMA 4X, & in-line strainer ~ See Detail C-FB2.02
- Acid Feed System (Lap Pool):** Axial Acid-Rite pH Adjustment System Model 2500 w/ mounting shelf & 250lbs of tablet storage capacity ~ See Detail A-FB2.02 & B-FB2.02
- Acid Feed System (Spa):** Axial Acid-Rite pH Adjustment System Model 450 w/ 45lbs of tablet storage capacity ~ See Detail C-FB2.02

- 3/4" Supply line to flow cell ~ Route under slab ~ See Detail A-FB2.02, B-FB2.02, & C-FB2.02**
- Chlorine feed point ~ See Detail A-FB2.02, B-FB2.02, & C-FB2.02**
- Acid feed point ~ See Detail A-FB2.02, B-FB2.02, & C-FB2.02**
- Chemical Lines ~ Route overhead**
- POOL PIPING & EQUIPMENT:**
- 12" Main Drain Line (Lap Pool)**
- 10" Gutter Return Line (Lap Pool)**
- 10" Recirc Line (Lap Pool)**
- 10" Main Drain Line (Activity Pool)**
- 10" Gutter Return Line (Activity Pool)**
- 10" Recirc Line (Activity Pool)**
- 6" Recirc Line to Water Features (Activity Pool)**
- 6" Recirc Line to Waterslides (Activity Pool)**
- 10" Recirc Drain to Waterslides (Activity Pool)**
- 3" Main Drain Line (Spa)**
- 3" Recirc Line to Wall Inlets (Spa)**
- 3" Skimmer Return Line (Spa)**
- 6" Therapy Jet Return Line (Spa)**
- 6" Therapy Jet Supply (Spa)**
- Butterfly valve with handwheel operator. Provide valve stem extension and support as req'd.**
- Heater Feed Points: Route Overhead ~ See Details A-FB2.02, B-FB2.02, & C-FB2.02**
- Recirc Flow Meter: G' Signet Model 2551 w/ Signet 8" PVC Saddle w/ adapter**
- Recirc Flow Meter: G' Signet Model 2551 w/ Signet 6" PVC Saddle w/ adapter**
- Recirc Flow Meter: G' Signet Model 2551 w/ Signet 2" PVC Saddle w/ adapter**
- 2" Backwash Line (Spa)**
- Air Relief Valve: Armstrong free floating lever air vent Model 11-AV, 1/2" pipe connection, req'd.**
- Flow Meter: Blue-White Model F-300 (Horizontal) or U-300 (Vertical) or equal.**
- Compound Gauge: Wika 213.53 Liquid filled 4" Compound Gauge w/ S.S. body, 30" Hg VAC to 30 psi; Model 617000AL0200 or equal.**
- Pressure Gauge: Ashcroft 4" S.S. Liquid filled 4" Pressure Gauge w/ S.S. body; 0 to 60psi; Model 617000AL0200 or equal.**
- 4" Drain Line for Filter. Provide 6" Air Gap at backwash tank**
- 2" Drain Line for Sump Pumps. Provide 6" Air Gap at backwash tank**
- 4" Backwash line from Spa.**
- Ball valve**
- Check Valve**
- BUILDING PIPING & EQUIPMENT:**
- Sump Pump (Pump Pit/Backwash Tank):** Zoeller Model M292 Auto; 1/2 HP; 120V; 1 Phase. See Detail H-FB2.02
- Ladder: Strongwell SAFRIL FRP Ladder system with with 24" walk through. See Detail A-FB2.01**
- Emergency shower/eyewash station: Bradley Model #S19-310H & S19-2200. See Detail I-FB2.00**
- Sump Pump (Balance Tanks):** Zoeller Model N292 Manual with tethered floats; 1/2 HP; 120V; 1 Phase. See Detail F-FB2.00
- Air Compressor: Speedaire Model 4ME38, Electrical Vertical Tank 60 Gal Air Compressor. 5HP, 480V, 6.6 Amps, 60Hz, 3 Phase. See Detail N-FB2.00**
- Safety Gate: Intrepid Double bar safety gate Model UDG-27 ~ See Detail G-FB2.00**
- Handrail: Strongwell SAFRIL FRP Handrail ~ See Detail G-FB2.00**
- Pipe Support: See Detail O-FB2.00**
- Safety Board: Safety board with personnel protection equipment ~ See Detail B-FB2.01**
- Manhole steps @ 12": American Step Company, Model ML-10-NOR, or equal.**
- Emergency Fixture, Thermostatic Mixing Valve: Bradley Model #S19-2100 mixing valve with surface mount S.S. cabinet. See Detail I-FB2.02**
- 1/2" RPZ Backflow preventer. See Detail J-FB2.00.**
- 4" Water Service Line ~ See "M" sheets for continuation.**
- Hoist Trolley: 21 Hoist trolley mounted on WDX26. AMH G1 Trolley Model GT020-20. 1 1/2T Hand Chain hoist. AMH Hand Chain Hoist Model MA015**

PUMP SCHEDULE A001

#	Name	Make and Model	GPM	TDH	HP	RPM	Efficiency	Strainer	Qty
1	Recirc Pump - Lap Pool	Aurora 3801 - 5x6x9.5A	1023	65	25	1800	82.89	8x8	1
2	Recirc Pump - Activity Pool	Aurora 3801 - 3x4x9.5	444	65	15	1800	78.25	6x6	1
3	Waterslides Pump (Activity Pool)	Aurora 3801 - 5x6x9.5	900	45	20	1800	79.52	6x8	1
4	Water Features Pump (Activity Pool)	Pentair EQK750	220	60	7.5	3450	N/A	Built In	1
5	Recirc Pump - Spa	Pentair IntelliFlo VSF VS	77	65	3	3450	N/A	Built In	1
6	Therapy Jet Pump - Spa	Pentair EQK750	200	60	7.5	3450	N/A	N/A	1
7	Backwash Sump Pump	Zoeller M292	91	20	1/2	3450	N/A	N/A	1
8	Pump Pit Sump Pump	Zoeller M292	91	20	1/2	3450	N/A	N/A	1
9	Balance Tank Sump Pump - Lap	Zoeller N292	91	20	1/2	3450	N/A	N/A	1
10	Balance Tank Sump Pump - Activity	Zoeller N292	91	20	1/2	3450	N/A	N/A	1
11	Manhole Sump Pump - Storm	Zoeller N292	91	20	1/2	3450	N/A	N/A	2

NOTE: The Engineer has sized this pump/motor/plumbing configuration based on characteristics of this element known by the Engineer at the time of design. It is the responsibility of the Contractor to verify with the manufacturer that the pump/motor/plumbing configuration will function properly for the given feature(s). The Contractor shall submit to Engineer hydraulic calculation prepared by the manufacturer verifying the proper performance of the given feature(s) before installation. Contractor shall include price of all equipment required for proper pump/motor/plumbing and feature operation in Bid. No additional compensation will be made for any future changes required for proper operation of equipment or aquatic feature(s).

PITS NOTES: (ALL PITS)

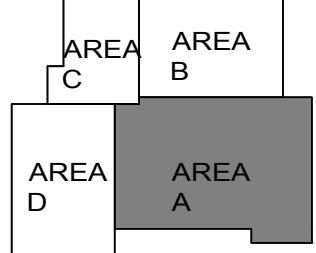
- See Detail C-FB2.00 for FRP handrail details.
- See Detail A-FB2.00 for FRP grating details.
- Cast 2"x2" block ledge in tank walls to seat FRP grating for pits requiring grating.
- Slope pit floors @ 2% to drains. Typ.

PIPING NOTES:

- All piping shall be pressure tested to 15 PSI 6 hours prior to and during concrete placement. (See Specifications for Details.)
- All pool piping must be Schedule 40 PVC except piping below pool slab must be Schedule 80 PVC.
- All piping be labeled with flow direction. All valve to be lsg with description of use.
- Provide pipe supports for all piping. Contractor to coordinate wall pipe support manufacture for sizes and spacing.

FILTER BUILDING PIPING NOTES:

- All buried piping between pool and filter to be NSF approved Schedule 40 PVC pipe with solvent weld socket fittings. Prior to being covered by earth, piping to be pressure tested.
- All piping in filter room to be permanently marked with directional arrows & labeled. All valves to be tagged & labeled.
- POOL CONTRACTOR:** Shall be responsible for all piping related to the pool, water features, and waterslides, to include supplying and installing. Shall coordinate with Mechanical contractor the installation of the water service line. Pool contractor responsible for the last five feet of water service to filter make up.
- ELUMING CONTRACTOR:** Shall be responsible for all other piping and mechanical equipment not installed/provided by the pool contractor. To include such items as deck drains, deck hydrants, storm lines, sanitary lines, water service, underdrains, area drains and all related piping to such items.
- GENERAL CONTRACTOR:** Shall be responsible for installing all pump pits and pump pods. Shall coordinate with Pool contractor and Plumbing contractor for piping penetrations and pump pad heights.
- GENERAL CONTRACTOR:** Shall be responsible to coordinate between the Pool contractor and Plumbing to ensure all items shown on plans are properly bid.



PROJECT NO: R3005.024.00
DATE: 10/22/2023

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FILTER ROOM PLAN

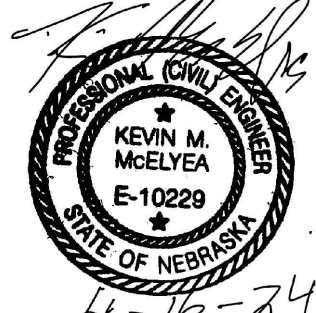
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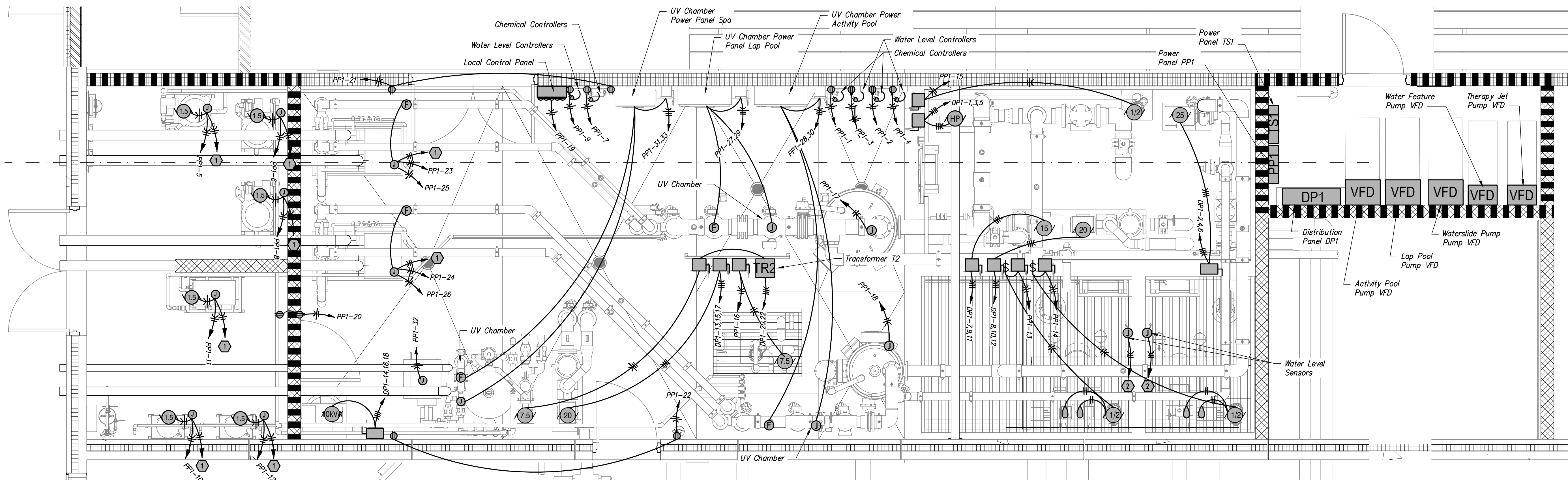
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4-16-24

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Sheet Note:
Refer to "E" series sheets
for addition electrical work
in this area.

PANELBOARD SCHEDULE																					
PANEL:		TS1				TYPE:	NQOD		VOLTS:	120/208		PHASE:	3		WIRE:	4					
DESCRIPTION:		18 Circuit																			
MOUNTING:				LOCATION:		Pool Electrical Room				Main Breaker		30A									
		X	FLUSH SURFACE	AMPS:		23A				Short Circuit Rating		10KAIC									
BRANCH BREAKERS																					
ITEM				WIRE		CIR.		LEFT PHASE LOAD			RIGHT PHASE LOAD			CIR.					WIRE		ITEM
		AMPS	POLE	SIZE	NO.	A	B	C	A	B	C	NO.	AMPS	POLE	SIZE						
Scoreboard - Main #1 Outlet		20	1	12	1	700				700				2	20	1	12	Scoreboard - Main #2 Outlet			
Scoreboard - Main #3 Outlet		20	1	12	3		700			700				4	20	1	12	Scoreboard - Main #4 Outlet			
Scoreboard - Main #5 Outlet		20	1	12	5				700				500	6	20	1	12	Pace Clock #1 Outlet			
Pace Clock #2 Outlet		20	1	12	7	500				500				8	20	1	12	Time System Deck Outlet #1			
Spare		20	1	12	9		500				500			10	20	1	12	Spare			
Spare		20	1	12	11				500				500	12	20	1	12	Spare			
Spare		20	1	12	13									14	20	1	12	Spare			
Spare		20	1	12	15									16	20	1	12	Spare			
Spare		20	1	12	17									18	20	1	12	Spare			
NOTE: All breakers in this panel to be GFCI.						1200	1200	1200	1200	1200	1000										
						TOTAL	2400	2400	2400	2200											
						AMPS/PHASE	20	20	18												
										CONNECTED LOAD TOTAL		7000		VA							

POOL ELECTRICAL COORDINATION TABLE						
DESCRIPTION	POOL EQUIPMENT		DEVICES	ELECT.	WIRING	NOTES
	FURN BY	INSTALL BY	INSTALL BY	POWER BY	CONTROL BY	
Recirc Pump - Lap Pool	13	13	26	26	26	1,2,3,5,9,11
Recirc Pump - Lap Pool VFD	26	26	26	26	26	3,4
Recirc Pump - Activity Pool	13	13	26	26	26	1,2,3,5,9,11
Recirc Pump - Activity Pool VFD	26	26	26	26	26	3,4
Waterslide Pump	13	13	26	26	26	2,3,5,8,9,11
Waterslide Pump VFD	26	26	26	26	26	3
Water Features Pump	13	13	26	26	26	2,3,5,8,9,11
Water Features Pump VFD	26	26	26	26	26	3
Recirc Pump - Spas	26	26	26	26	26	1,2,3,5,9,11,13
Therapy Jet Pump - Spas	13	13	26	26	26	2,3,5,8,9,10,11,13
Therapy Jet Pump - Spas VFD	26	26	26	26	26	3
Emer. Shutdown Station-Water Slide	26	26	26	26	26	7
Emer. Shutdown Station-Spa	26	26	26	26	26	13
Emer. Shutdown Station-Water Features	26	26	26	26	26	8
UV Chamber and Power Panels	13	13	26	26	26	9
Chemical Controllers	13	13	26	26	26	
Chlorine Feeders	13	13	26	26	26	6,9
Acid Feeders	13	13	26	26	26	6,9
Sump Pumps-Filter Rooms	22	22	26	26	26	9
Sump Pumps-Exterior Pump Pits	22	22	26	26	26	9
Magnetic Starters	26	26	26	26	26	2
Disconnect/Relays	26	26	26	26	26	2
Local Control Panel	26	26	26	26	26	11
Bonding	26	26	26	26	26	9
120/208 3 Phase Panel boards	26	26	26	26	26	
480V 3 Phase Panel boards	26	26	26	26	26	
Transformers	26	26	26	26	26	
Air Compressor	13	13	26	26	26	
Spa Therapy Jet Pump Timer	26	26	26	26	26	10

- | VFD TABLE: | | |
|------------|---------------|--------------------------------------|
| Motor Size | Make | Model |
| 5 HP | Allen-Bradley | 24F11JD8PD0A6NNNNN-ND-P4-B1-S51-S50G |
| 7.5 HP | Allen-Bradley | 24F11JD0110A6NNNNN-ND-P4-B1-S51-S50G |
| 15 HP | Allen-Bradley | 24F11HD0220A6NNNNN-ND-P4-B1-S51-S50G |
| 30 HP | Allen-Bradley | 24F11HD0400A6NNNNN-ND-P4-B1-S51-S50G |
| 40 HP | Allen-Bradley | 24F11HD0520A6NNNNN-ND-P4-B1-S51-S50G |
| 50 HP | Allen-Bradley | 24F11HD0650A6NNNNN-ND-P4-B1-S51-S50G |
- NOTE: Substitutions of VFD's are prohibited without express permission of Aquatics Engineer.



ADM#1

SPAADM#1