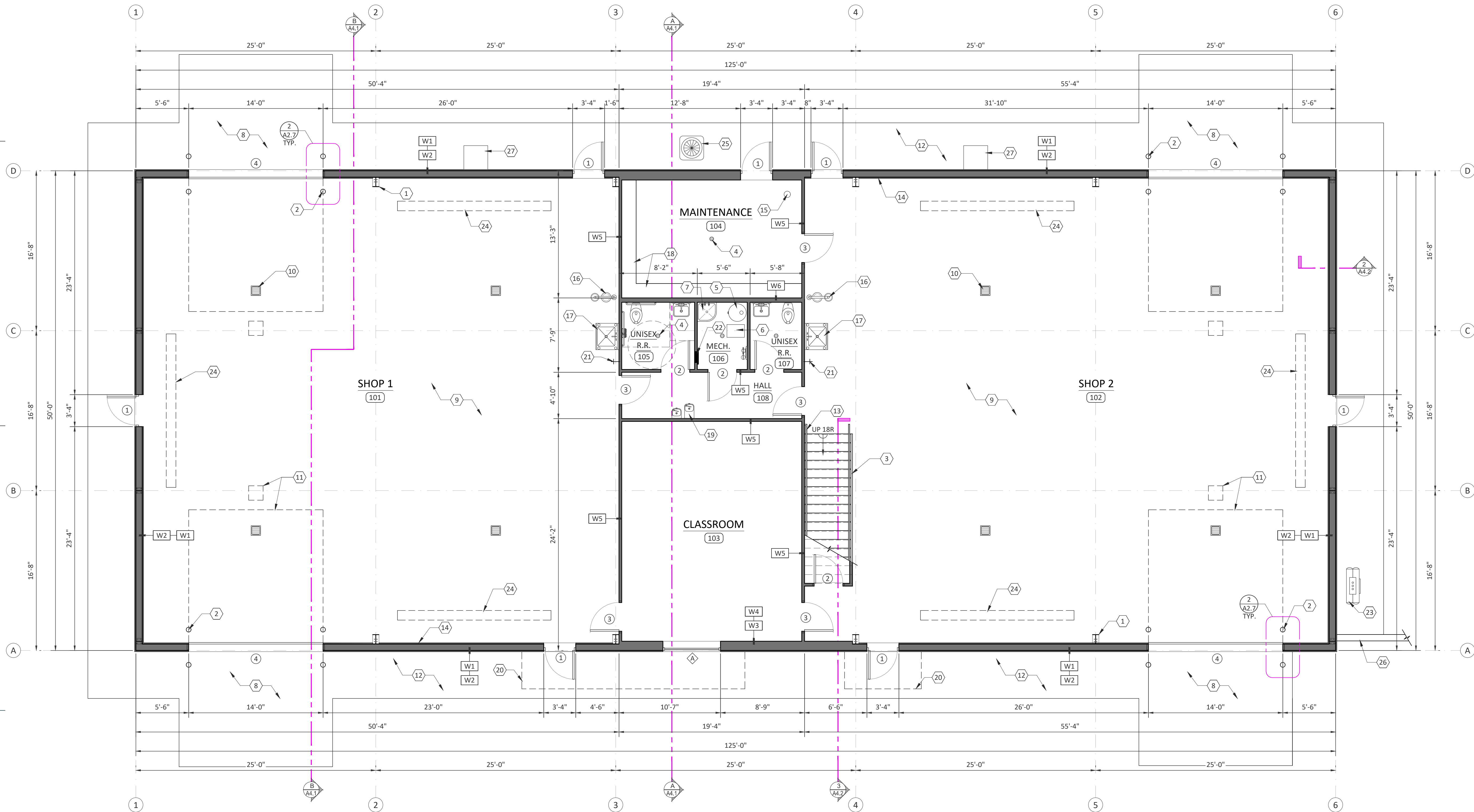




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MAIN FLOOR PLAN

SCALE: 3/16" = 1'

BUILDING AREAS

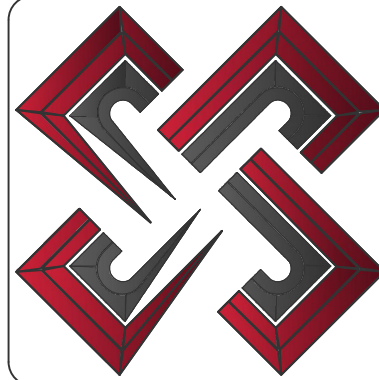
SHOP AREA:	5,284 SF
CLASSROOM / MAINTENANCE AREA:	966 SF
MEZZANINE AREA:	1,080 SF
TOTAL BUILDING AREA:	7,330

GENERAL NOTES

1. ALL DIMENSION ARE TO FACE OF STUD OR CONCRETE, OUTSIDE OF GIRT, OR TO JAMB OF WINDOW & DOOR OPENINGS, U.N.O.
2. ALL INSULATION USED IN EXTERIOR WALLS TO BE BATTS, UNLESS NOTED OTHERWISE. SEE CROSS SECTIONS FOR INSULATION RATINGS.
3. COLOR OF ALL FINISH MATERIALS TO BE SELECTED BY OWNER, U.N.O.
4. SEE SHEET A2.6 FOR WALL TYPE LEGEND
5. SEE SHEET A2.5 FOR DOOR & WINDOW SCHEDULE.

KEY NOTE LEGEND

1. PRE-ENGINEERED RIGID STRUCTURAL FRAME (BY OTHERS)
2. 6" Ø X 5'-0" TALL BOLLARD, TYP.; SEE DETAIL 1/A4.2
3. 42" HIGH PRE-FABRICATED METAL GUARDRAIL W/ 1-1/2" Ø HANDRAIL AT 36" VERTICAL ABOVE NOSE OF STAIR TREADS; POWDER COAT; COLOR PER OWNER;
4. FLOOR DRAIN, PER MECH.
5. WATER HEATER, PER MECH.
6. WATER SOFTENER, OPTIONAL, PER MECH.
7. FLOOR SINK, PER MECH.
8. CONCRETE APPROACH; SEE CIVIL DRAWINGS
9. CONCRETE SLAB; FINISH PER OWNER; SEE FOUNDATION PLAN
10. FLOOR SINK, PER MECH.
11. OVERHEAD DOOR EQUIPMENT APPROXIMATE PROFILE, TYP.;
12. CONCRETE SIDEWALK, PER CIVIL;
13. 1-1/2" Ø METAL HANDRAIL AT 36" HIGH ABOVE NOSE OF STAIRS. HANDRAIL TO EXTEND 12" BEYOND FACE OF TOP RISER AND RETURN TO WALL, GUARD, OR WALKING SURFACE. HANDRAIL TO EXTEND 11" BEYOND FACE OF BOTTOM RISER AND RETURN TO WALL, GUARD, OR WALKING SURFACE.
14. INTERIOR METAL WALL PANEL SYSTEM, OPTION PER OWNER
15. FIRE RISER
16. EMERGENCY EYE WASH & SHOWER
17. COMMERCIAL GRADE FREE-STANDING UTILITY SINK;
18. FREE-STANDING SHELVES PER OWNER
19. HIGH AND LOW WALL-MOUNTED DRINKING FOUNTAINS COMPLIANT WITH ADA ACCESSIBILITY GUIDELINES;
20. AWNING
21. HOSE BIB
22. ELECTRICAL PANEL; PER ELECT.
23. AIR COMPRESSOR; PER OWNER;
24. RADIANT HEATER SUSPENDED FROM CEILING, PER MECH.
25. AC CONDENSER; PER MECH.
26. YARD FENCE PER CIVIL DRAWINGS
27. SWAMP COOLER THROUGH WALL, PER MECH.



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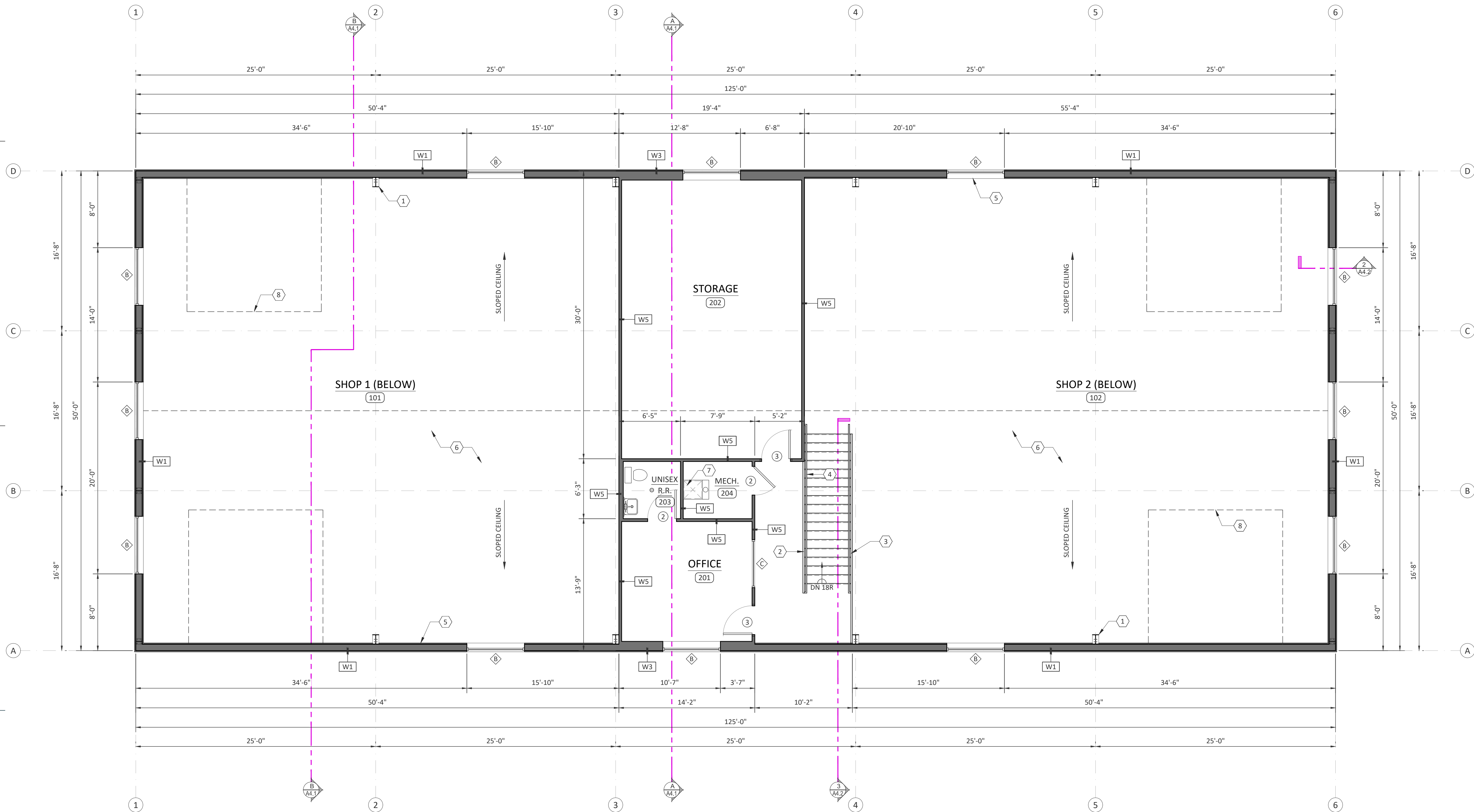
**PROPOSED TRADES BUILDING FOR
CCUSD**
255 N. COTTONWOOD ST.
COLORADO CITY, ARIZONA

REVISIONS		
REV.	DATE	DESCRIPTION
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2		
3		
4		
5		

PROJECT NO:	22-003-17
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DESIGNED BY:	TCT
FIELD CREW:	
CHECKED BY:	
DATE:	11-15-22

SHEET TITLE:
**MAIN FLOOR
PLAN**

A2.1



GENERAL NOTES

- ALL DIMENSION ARE TO FACE OF STUD OR CONCRETE, OUTSIDE OF GIRT, OR TO JAMB OF WINDOW & DOOR OPENINGS, U.N.O.
- ALL INSULATION USED IN EXTERIOR WALLS TO BE BATTS, UNLESS NOTED OTHERWISE. SEE CROSS SECTIONS FOR INSULATION RATINGS.
- COLOR OF ALL FINISH MATERIALS TO BE SELECTED BY OWNER, U.N.O.
- SEE SHEET A2.6 FOR WALL TYPE LEGEND
- SEE SHEET A2.5 FOR DOOR & WINDOW SCHEDULE.

KEY NOTE LEGEND

- 1 PRE-ENGINEERED RIGID STRUCTURAL FRAME (BY OTHERS)
- 2 42" HIGH PRE-FABRICATED METAL GUARDRAIL; POWDER COAT; COLOR PER OWNER;
- 3 42" HIGH PREFABRICATED METAL GUARDRAIL W/ 1-1/2" Ø HANDRAIL AT 36" VERTICAL ABOVE NOSE OF STAIR TREADS; POWDER COAT; COLOR PER OWNER;
- 4 1-1/2" Ø METAL HANDRAIL AT 36" HIGH ABOVE NOSE OF STAIRS. HANDRAIL TO EXTEND 12" BEYOND FACE OF TOP RISER AND RETURN TO WALL, GUARD, OR WALKING SURFACE. HANDRAIL TO EXTEND 11" BEYOND FACE OF BOTTOM RISER AND RETURN TO WALL, GUARD, OR WALKING SURFACE.
- 5 INTERIOR METAL WALL PANEL SYSTEM
- 6 INTERIOR METAL CEILING PANEL SYSTEM
- 7 FURNACE; PER MECH.
- 8 OVERHEAD DOOR EQUIPMENT APPROXIMATE PROFILE, TYP.;

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MEZZANINE FLOOR PLAN

SCALE: 3/16" = 1'

BUILDING AREAS	
SHOP AREA:	5,284 SF
CLASSROOM / MAINTENANCE AREA:	966 SF
MEZZANINE AREA:	1,080 SF
TOTAL BUILDING AREA:	7,330



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SHEET TITLE:
MEZZANINE FLOOR PLAN

A2.2

DOOR SCHEDULE															
DOOR #	DOOR PANEL						DOOR FRAME						GENERAL		REMARKS
	SIZE			MATERIAL	TYPE	FINISH	MATERIAL	FINISH	TYPE	DETAILS			FIRE RATING	HARDWARE	
	WIDTH	HEIGHT	THICK.							HEAD	JAMB	SILL			
1	3'-0"	7'-0"	1-3/4"	H.M.	A	PAINT	H.M.	PAINT	1	4/A2.7	7/A2.7	10/A2.7	NA		
2	3'-0"	7'-0"	1-3/4"	H.M.	B	PAINT	H.M.	PAINT	1	6/A2.7	9/A2.7	--	NA		
3	3'-0"	7'-0"	1-3/4"	H.M.	A	PAINT	H.M.	PAINT	1	6/A2.7	9/A2.7	--	NA		
4	14'-0"	14'-0"	--	STEEL	C	FACT. FINISH	STEEL	FACT. FIN.	--	6/A4.3	3/A2.7	--	NA		SECTIONAL; INSULATED

DOOR HARDWARE TYPES:

DOOR HARDWARE SHALL BE STAINLESS STEEL, COMMERCIAL GRADE (SCHLAGE OR EQUAL); COORDINATE WITH OWNER.

HARDWARE 1	PUSH / PULL, HINGES, DEAD BOLT, THRESHOLD, WEATHER STRIPPING, CLOSER.
HARDWARE 2	LEVER KNOB, HINGES, KEY LOCK, DEAD BOLT, THRESHOLD, WEATHER STRIPPING, CLOSER.
HARDWARE 3	LEVER KNOB, HINGES, KEY LOCK;
HARDWARE 4	LEVER KNOB, HINGES, PUSH LOCK; CLOSER
HARDWARE 5	LEVER KNOB, HINGES;
HARDWARE 6	TRACK, WHEELS, MOUNTING BRACKETS, MOTOR, OPERATOR, CONTROL STATION, SPRING
HARDWARE 7	PER MANUFACTURER

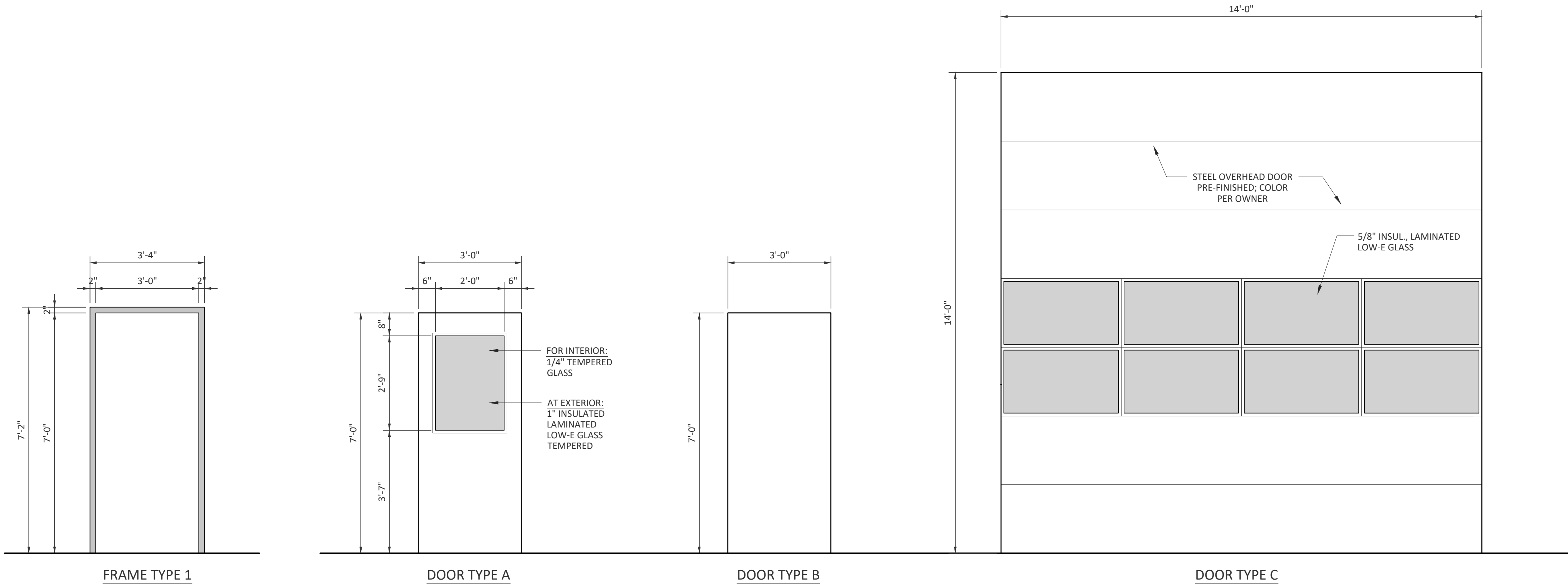
DOOR SCHEDULE NOTES:

- HEAVY DUTY HOLLOW METAL DOORS TO BE FLUSH TYPE OF 2 SHEETS OF GRADE 16 GA. COLD ROLLED STEEL WITH REINFORCING STIFFENER BARS.
- HOLLOW METAL FRAMES TO BE 16 GA. COLD ROLLED, PICKLED, ANNEALED STEEL, UNIT TYPE WELDED CONSTRUCTION, AND MITRES NEATLY WELDED AND GROUND SMOOTH.
- HOLLOW METAL FRAMES INSTALLED IN C.M.U STEM WALL TO HAVE PUNCH & DIMPLE MOUNTING TYPE.
- DOOR FRAMES ARE TO RECEIVE ONE SHOP COAT OF RUST INHIBITIVE PRIMER. PRIMER SHALL BE SMOOTH SURFACE, READY TO RECEIVE FINISH COATS AT TIME OF DELIVERY; WHEN INSTALLED, NO RUNS, OVER-SPRAY, DUST OR OTHER DEFECTS WILL BE ACCEPTED. PRIMER SHALL BE BONDED TO METAL SUFFICIENTLY THAT UPON AGEING IT WILL NOT CHIP OR FLAKE WHEN SCRAPPED. FRAMES TO HAVE TWO FINISH COATS (PER OWNER). ALL JOINTS BETWEEN FRAME AND FINISH WALL MATERIAL TO BE CAULKED.
- OPENING FORCE REQUIRED FOR ALL DOORS ON THE ACCESSIBLE ROUTE OR CIRCULATION PATH SHALL BE LIMITED TO 5 LB.

WINDOW SCHEDULE:

- 6'-0" X 3'-0" WINDOW; VINYL FRAME; FIXED; GLAZING TO BE INSULATED, DOUBLE PANE, LOW-E; FIXED
- 6'-0" X 4'-0" WINDOW; VINYL FRAME; FIXED; GLAZING TO BE INSULATED, DOUBLE PANE, LOW-E; FIXED
- 5'-0" X 4'-0" WINDOW; HOLLOW METAL FRAME; PAINTED; 1/4" GLAZING; FIXED

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DOOR & WINDOW SCHEDULE
SCALE: N.T.S.



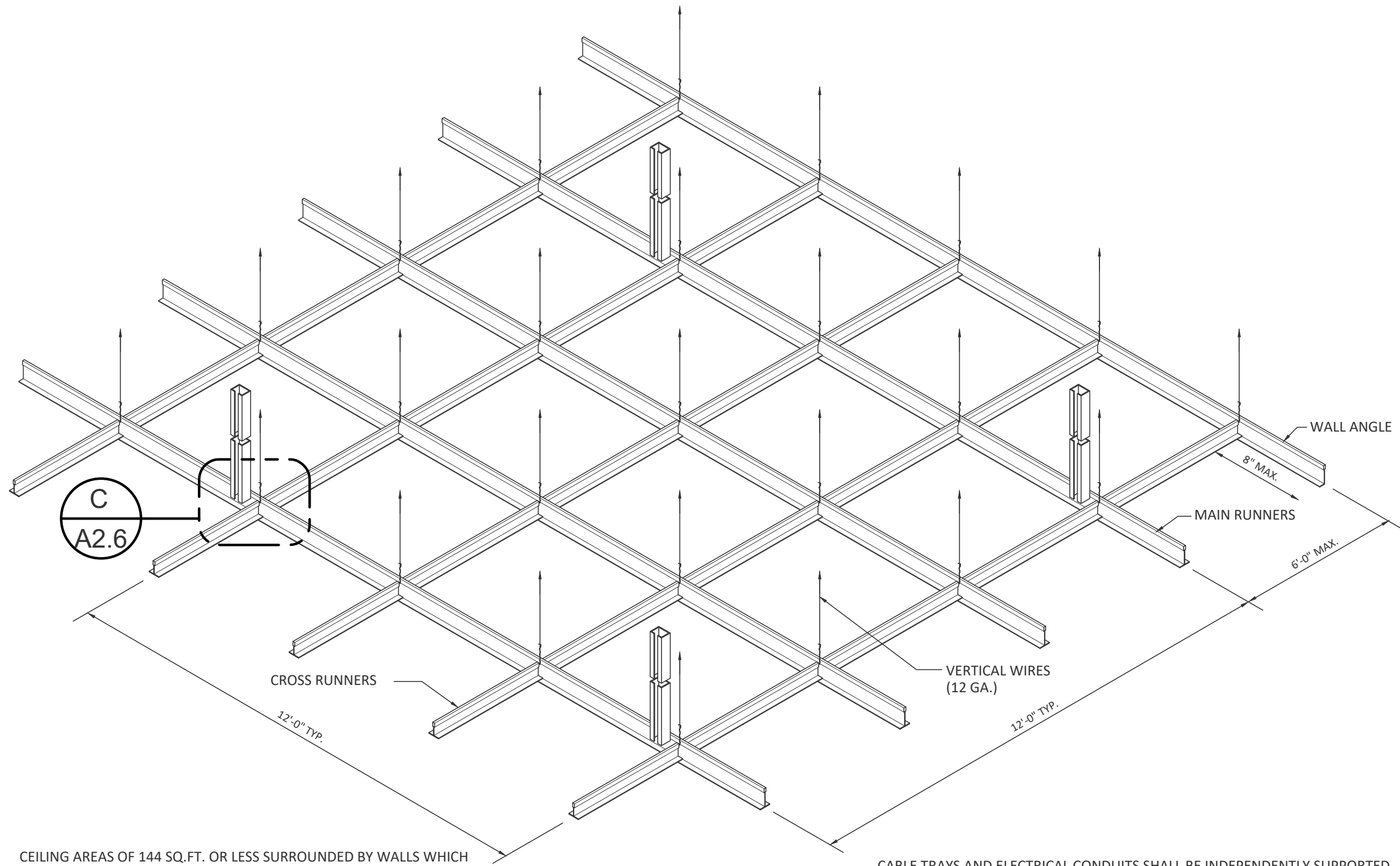
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COLORADO CITY, ARIZONA

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SHEET TITLE:
**DOOR &
WINDOW
SCHEDULES**

A2.5



CEILING AREAS OF 144 SQ.FT. OR LESS SURROUNDED BY WALLS WHICH CONNECT DIRECTLY TO THE STRUCTURE ABOVE SHALL NOT REQUIRE THE DIAGONAL BRACING WIRES.

FOR CEILING AREAS EXCEEDING 1,000 SQ.FT. HORIZONTAL RESTRAINT OF THE CEILING TO THE STRUCTURE SHALL BE PROVIDED.

EACH VERTICAL WIRE SHALL BE ATTACHED EACH END WITH MIN. 3 TURNS.

CEILING GRID SHALL BE INSTALLED LEVEL TO WITHIN 1/8" IN 12'-0".

LOCAL KINKS OR BENDS SHALL NOT BE MADE IN HANGER WIRES AS A MEANS OF LEVELING MAIN RUNNERS.

ALL WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT.

CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE INDEPENDENTLY SUPPORTED AND BRACED INDEPENDENTLY OF THE CEILING.

EACH VERTICAL WIRE SHALL BE ATTACHED EACH END WITH MIN. 3 TURNS.

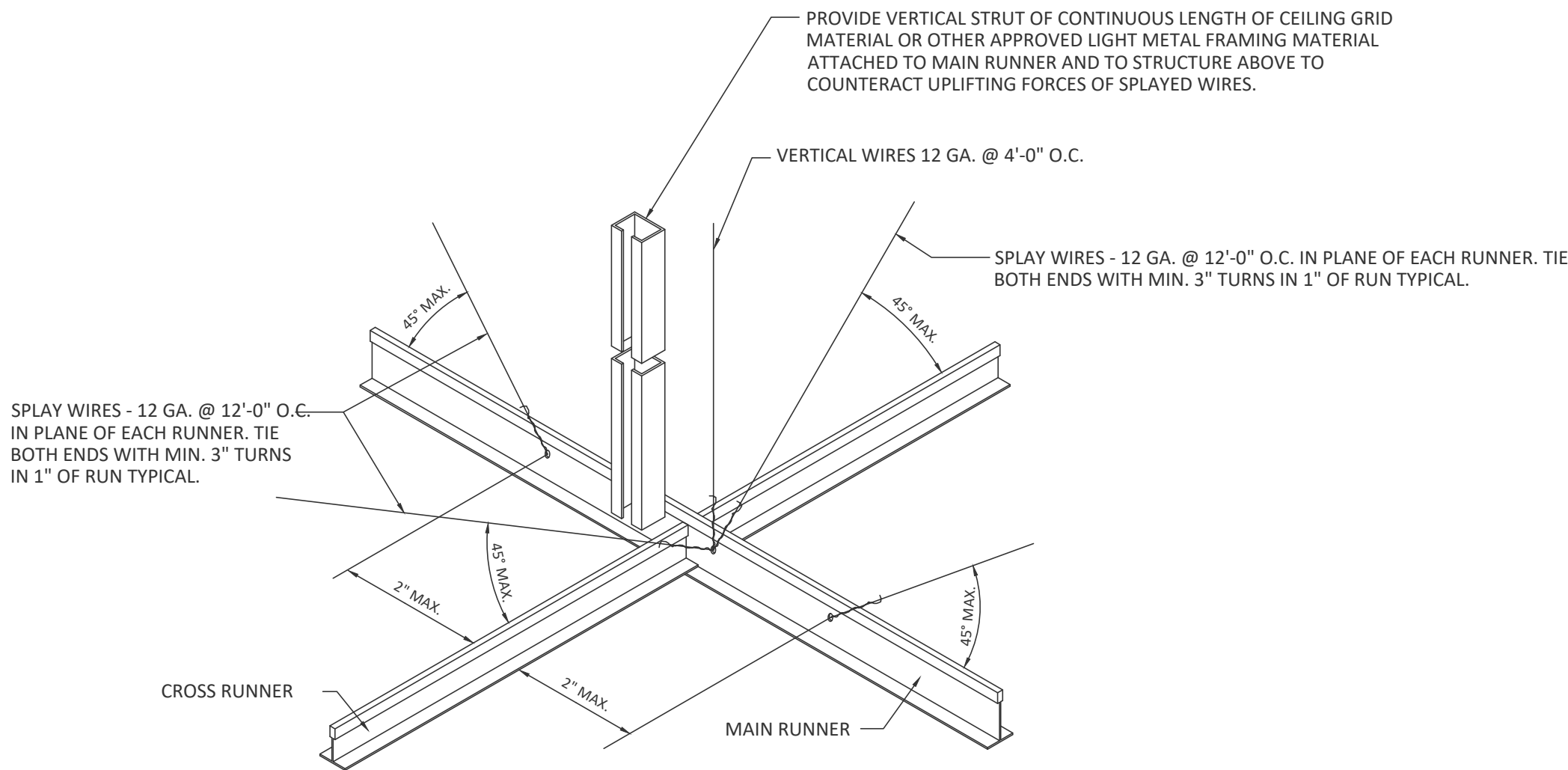
A HEAVY DUTY T-BAR SYSTEM SHALL BE USED.

THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL NOT BE LESS THAN 2". IN EACH ORTHOGONAL HORIZONTAL DIRECTION, ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 0.75 INCH CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON THE CLOSURE ANGLE.

ACOUSTICAL TILE CEILING - SEISMIC DETAIL

NOT TO SCALE

2



ALL CEILING MOUNTED LIGHT FIXTURES SHALL BE ATTACHED TO SUSPENDED CEILING GRID, IN ADDITION 12 GA. HANGER WIRES SHALL BE ATTACHED TO THE GRID WITHIN 3" OF EACH CORNER OF THE FIXTURE. TWO ADDITIONAL WIRES SHALL BE CONNECTED TO THE LIGHT HOUSING AND TO THE STRUCTURE ABOVE (THESE WIRES MAY BE SLACK).

WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT, NOR SHALL THEY BE CLOSER THAN 5" FROM ANY UN-BRACED HORIZONTAL PIPING OR DUCTWORK. A TRAPEZE OR SIMILAR DEVICE SHALL BE USED WHERE OBSTRUCTIONS OCCUR.

CEILING STRUT DETAIL

SCALE: NTS

3

WALL TYPE SCHEDULE

- W1** 8" GIRTS PER METAL BUILDING MANUFACTURER SPECIFICATIONS
- EXTERIOR METAL SIDING PER METAL BUILDING MANUFACTURE SPECIFICATIONS
- R-25 BATTS INSULATION
- METAL SIDING INTERIOR FINISH (OPTION, PER OWNER)
- W2** 8" CMU STEM WALL (PER STRUCT.)
- 1-1/2" RIGID FOAM INSULATION (XPS) W/ PLASTIC FACING
- W3** 8" GIRTS PER METAL BUILDING MANUFACTURER SPECIFICATIONS
- EXTERIOR METAL SIDING PER METAL BUILDING MANUFACTURER SPECIFICATIONS
- R-25 BATTS INSULATION
- 2 X 4 WOOD STUDS @ 16" O.C. ON INTERIOR SIDE OF METAL WALL GIRTS W/ 1" MINIMUM CLEARANCE.
- (2) 2 X 4 TOP PLATE & 2 X 4 P.T. BOTTOM PLATE
- 5/8" TYPE "X" GYPSUM BOARD ON INTERIOR WALL SURFACE

- W4** 8" CMU STEM WALL
- R-13 BATTS INSULATION
- 2 X 4 WOOD STUDS @ 16" O.C. ON INTERIOR SIDE OF CMU WALL
- 5/8" TYPE "X" GYPSUM BOARD ON INTERIOR WALL SURFACE
- W5** (1) LAYER 5/8" TYPE "X" GYPSUM BOARD EA. SIDE
- 2 X 4 WOOD STUDS @ 16" O.C.
- R-13 BATTS INSULATION
- (2) 2 X 4 TOP PLATE & 2 X 4 P.T. BOTTOM PLATE
- W6** (1) LAYER 5/8" TYPE "X" GYPSUM BOARD APPLIED EA. SIDE
- 2 X 6 WOOD STUDS @ 16" O.C.
- R-19 BATTS INSULATION
- (2) 2 X 6 TOP PLATE & 2 X 6 P.T. BOTTOM PLATE

WALL TYPE LEGEND

SCALE: NTS

1

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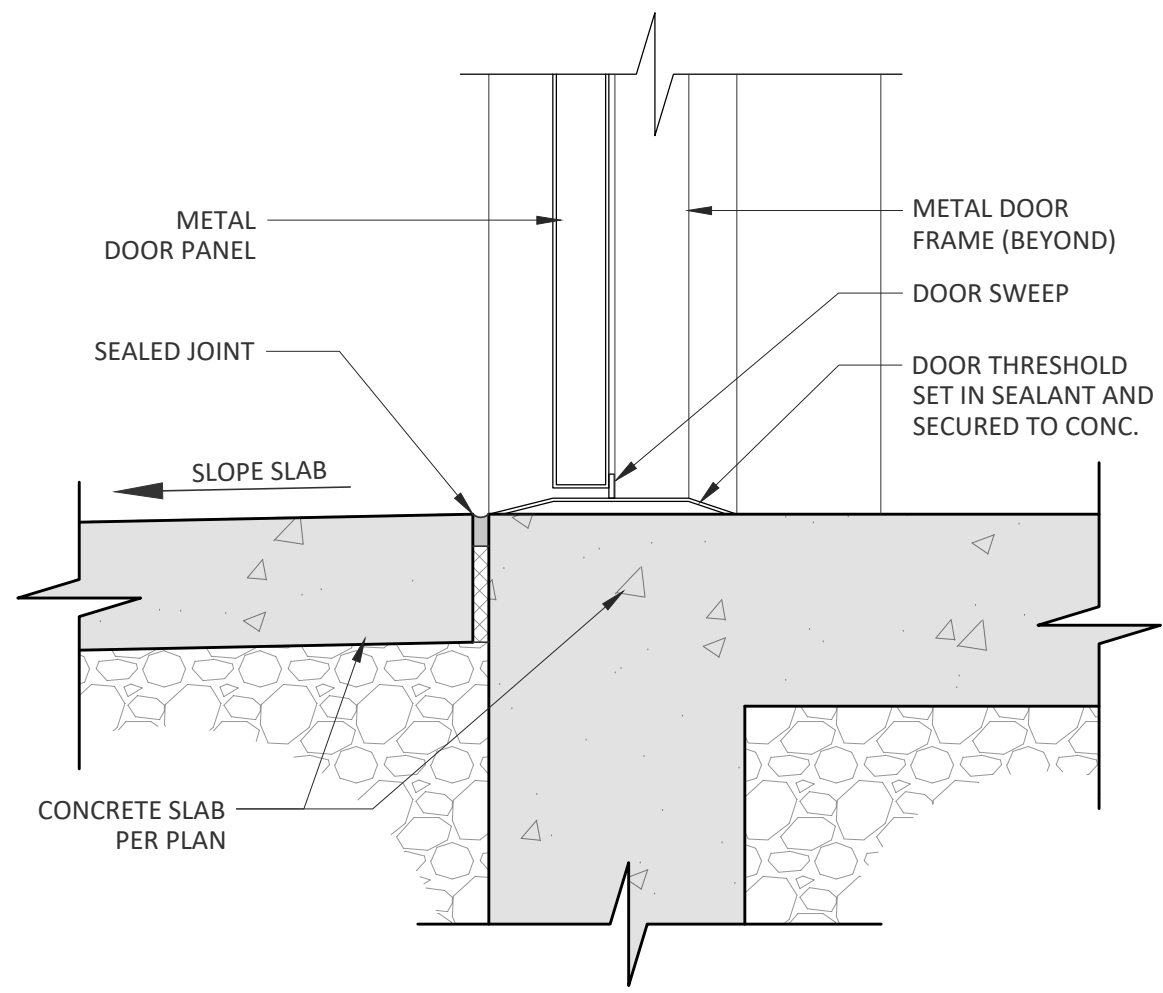


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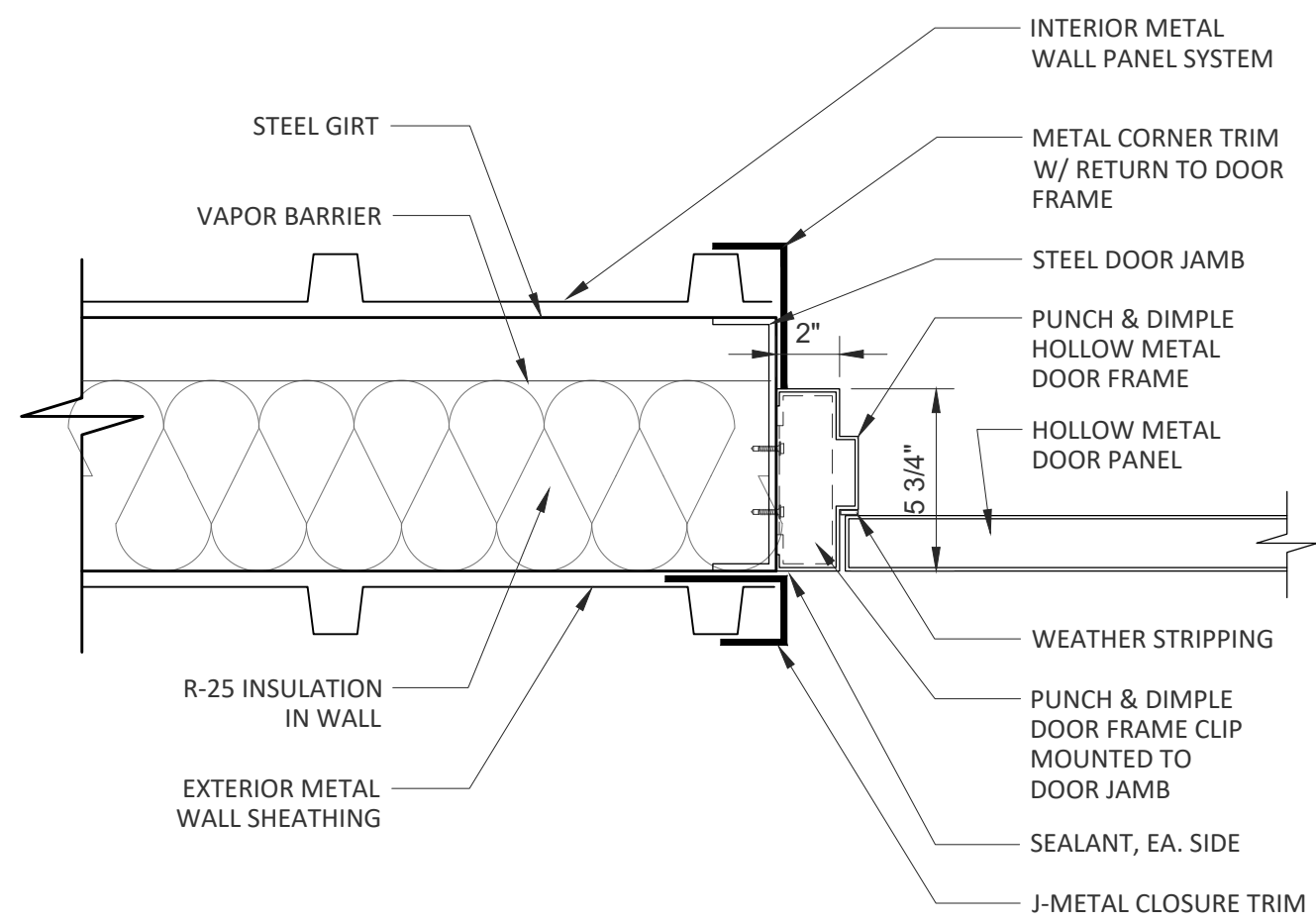
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**WALL
TYPE
SCHEDULES**
A2.6



H.M. DOOR SILL AT EXTERIOR WALL

SCALE: NTS

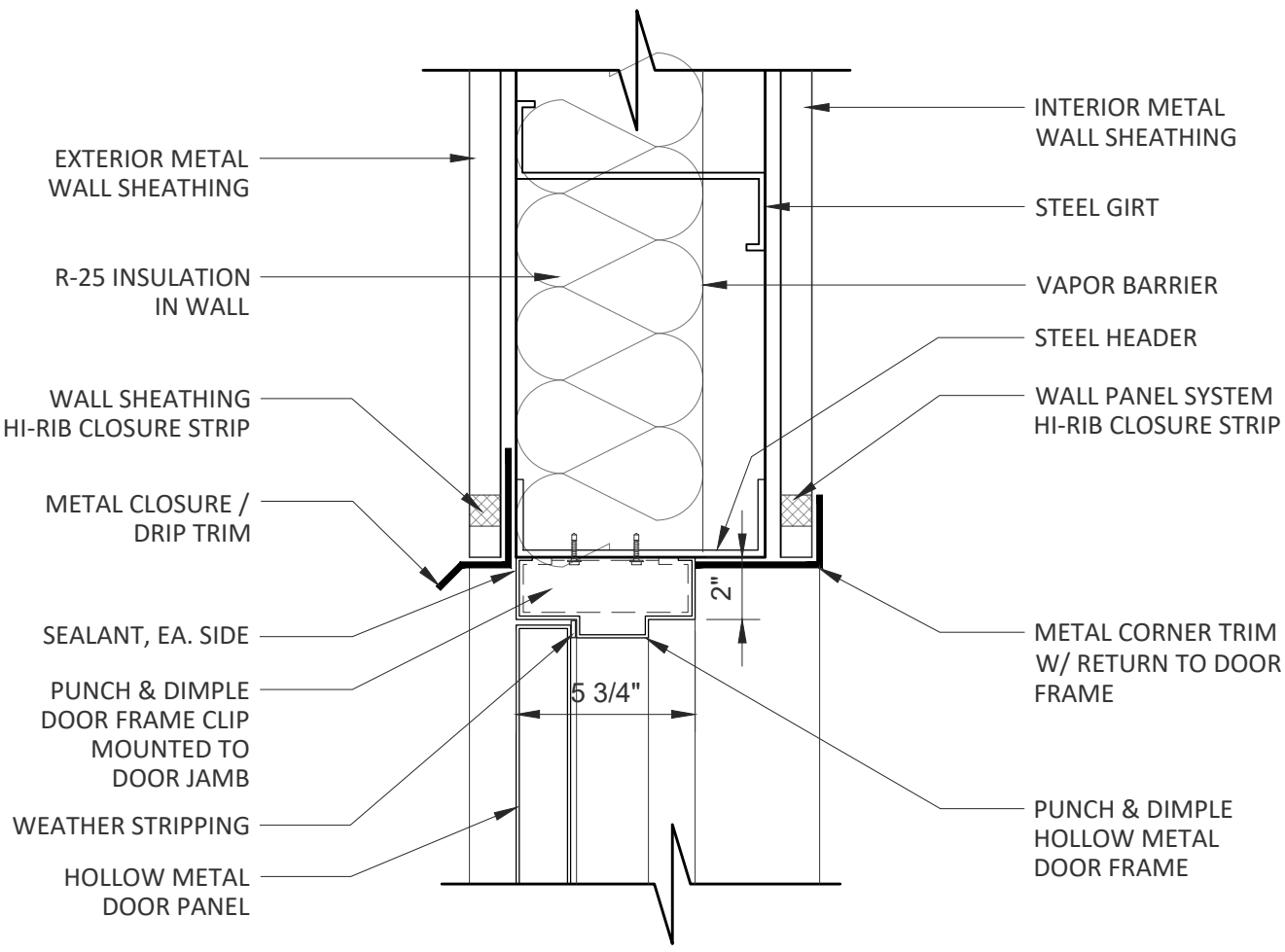
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H.M. DOOR JAMB AT EXTERIOR WALL

SCALE: NTS

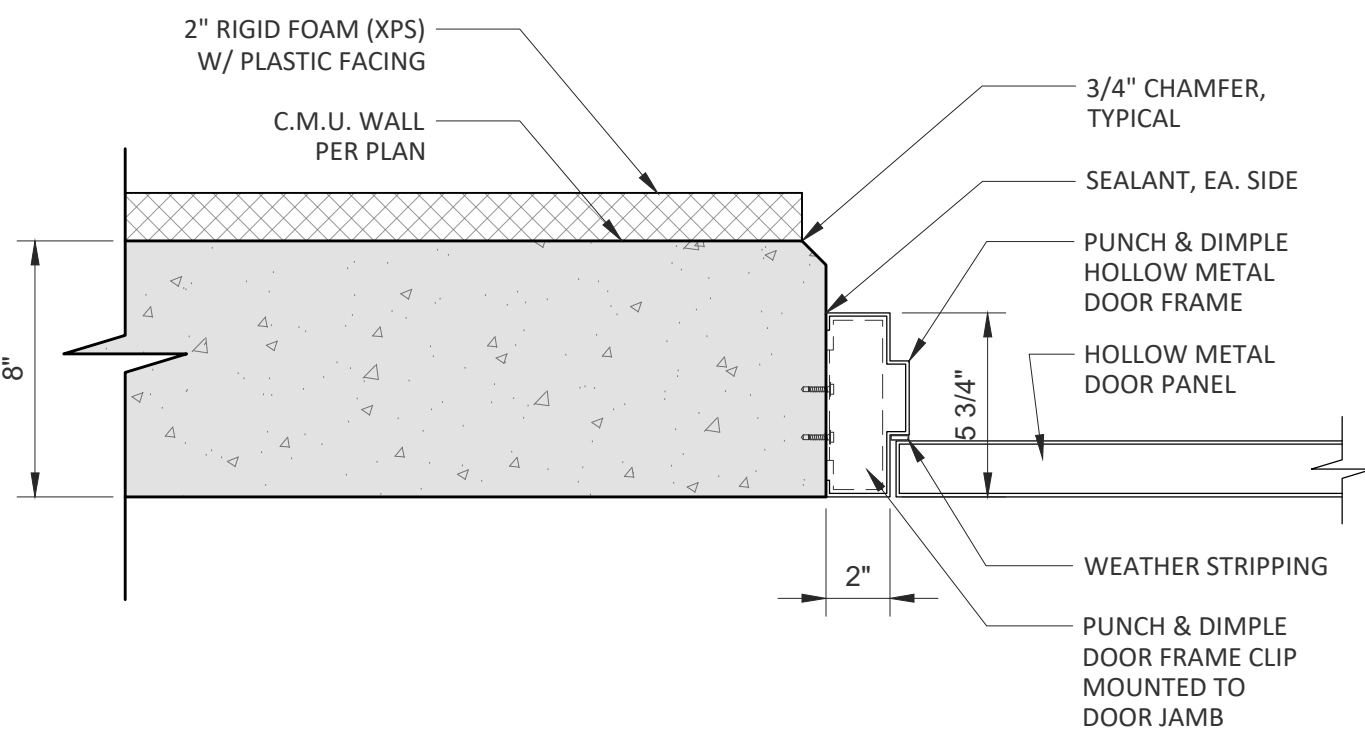
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H.M. DOOR HEADER AT EXTERIOR WALL

SCALE: NTS

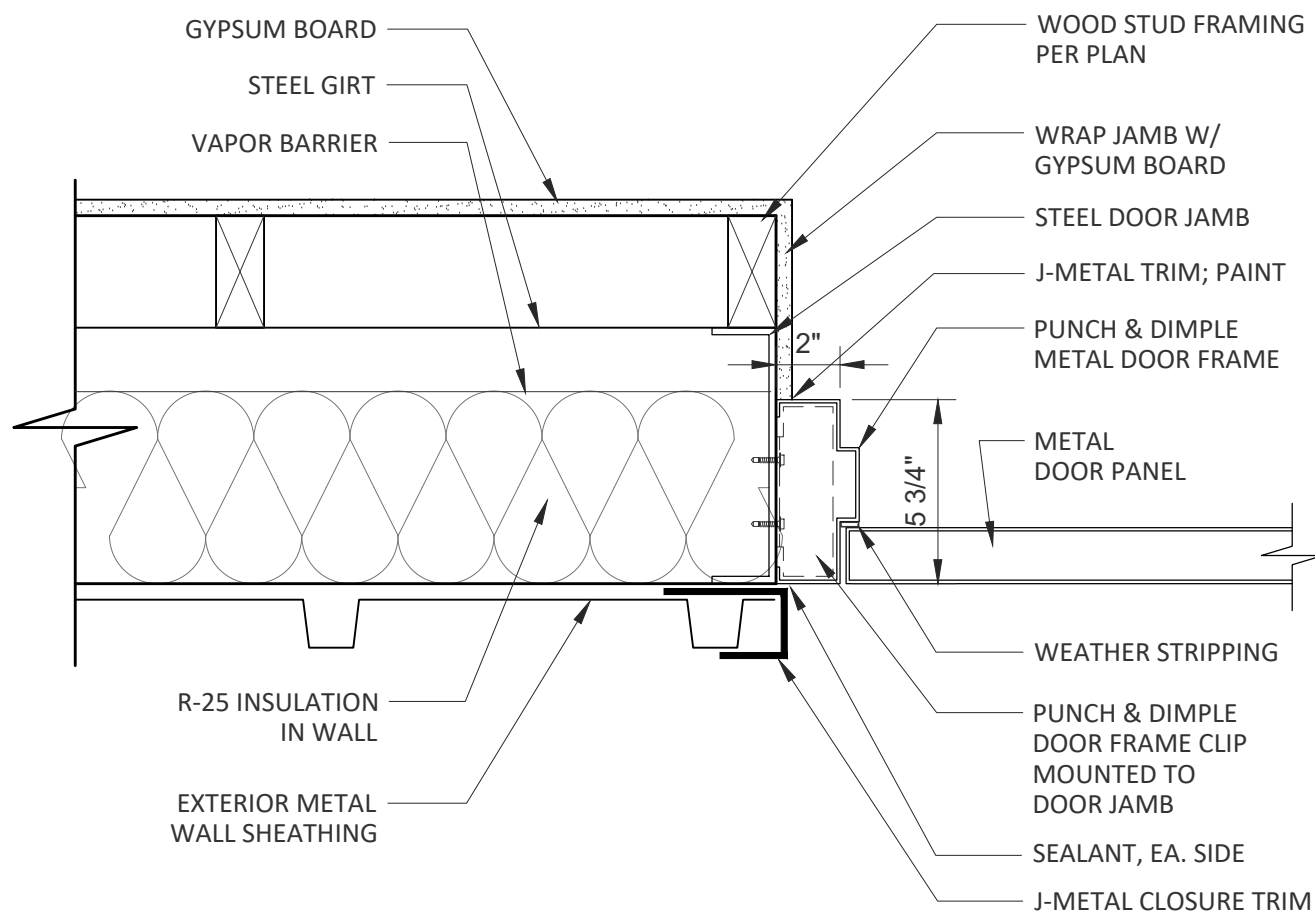
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H.M. DOOR JAMB AT C.M.U. STEM WALL

SCALE: NTS

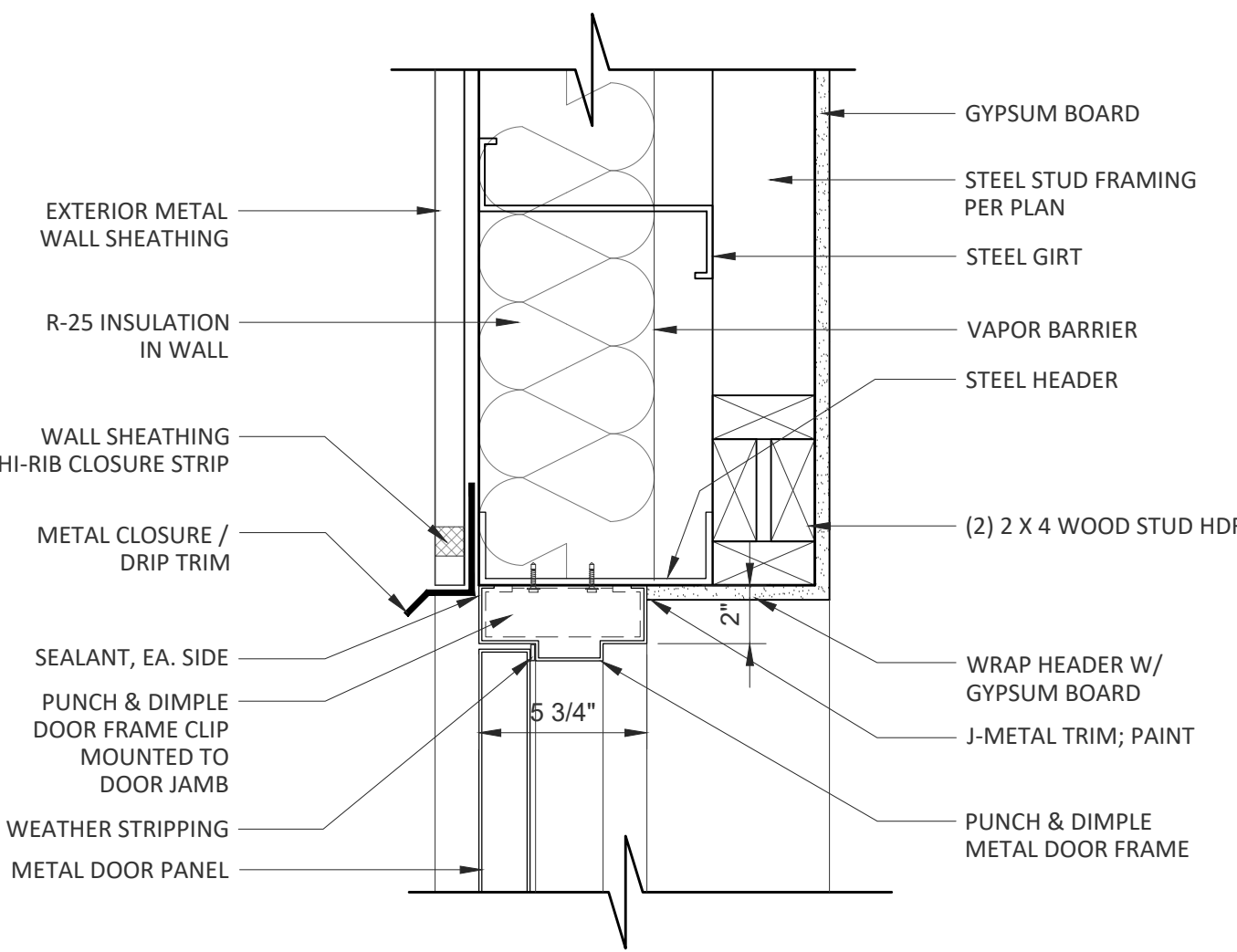
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H.M. DOOR JAMB AT EXT. WALL W/ FURRING

SCALE: NTS

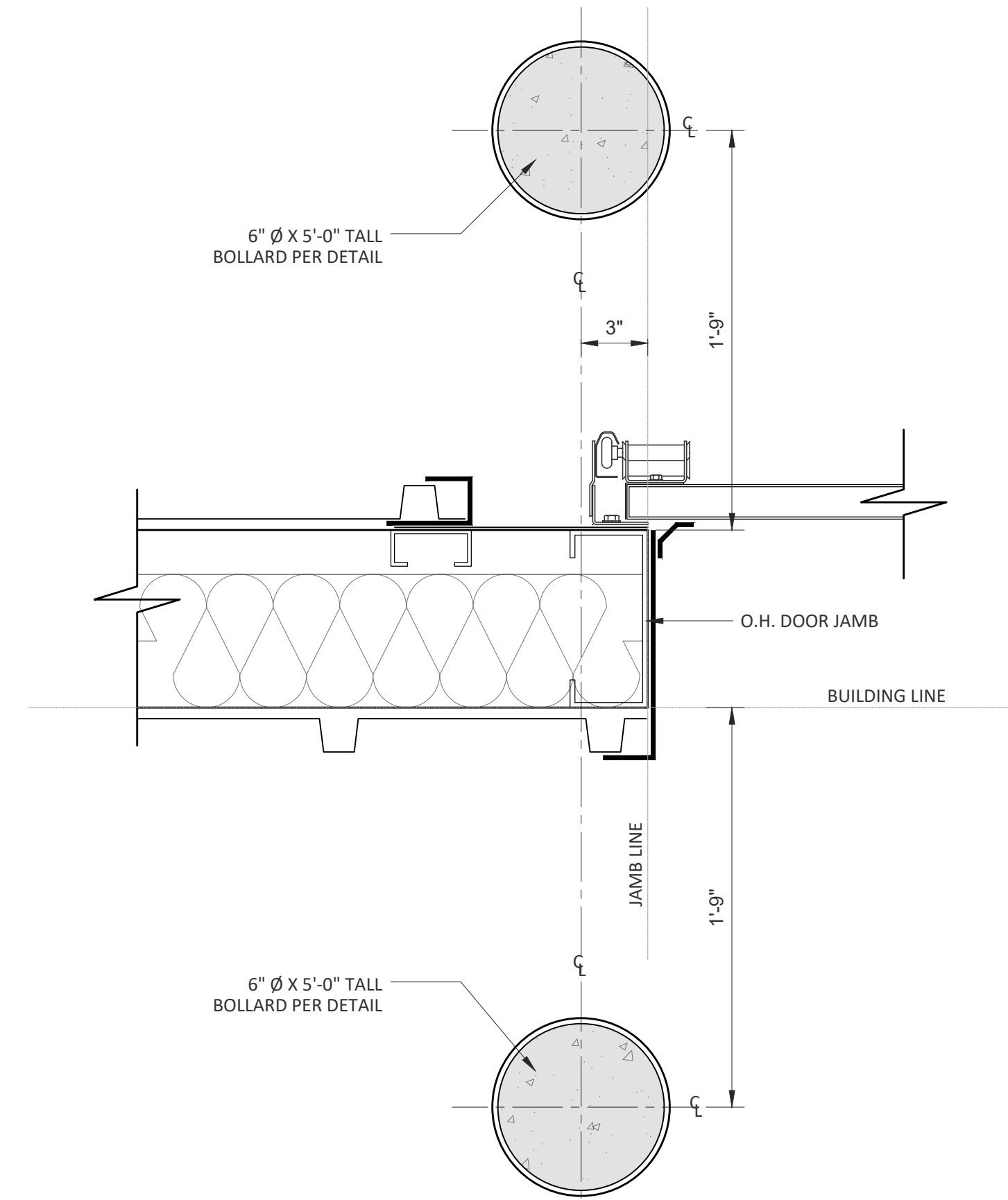
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H.M. DOOR HEADER AT EXT. WALL W/ FURRING

SCALE: NTS

5

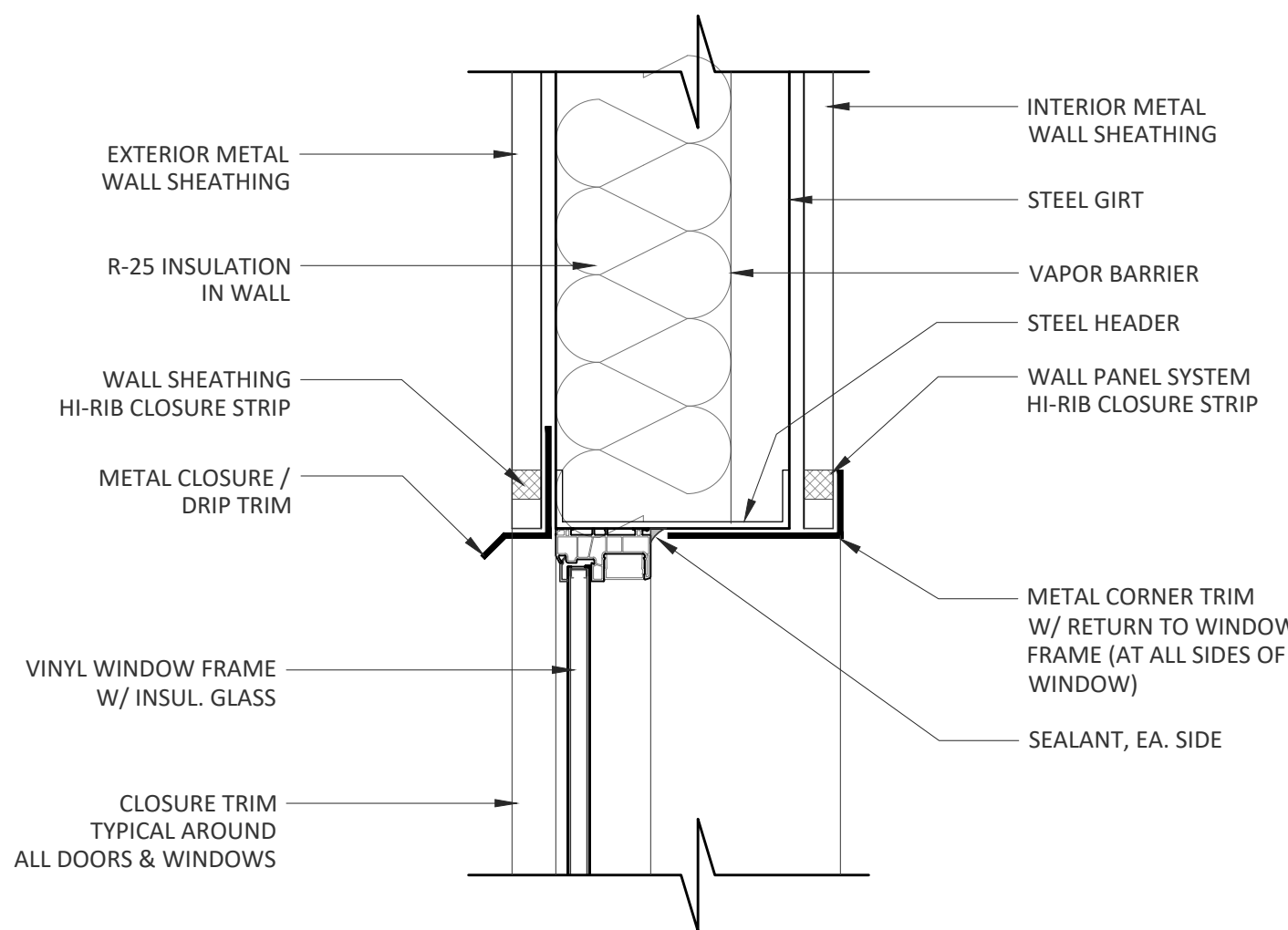


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BOLLARD AT OVERHEAD DOOR

SCALE: NTS

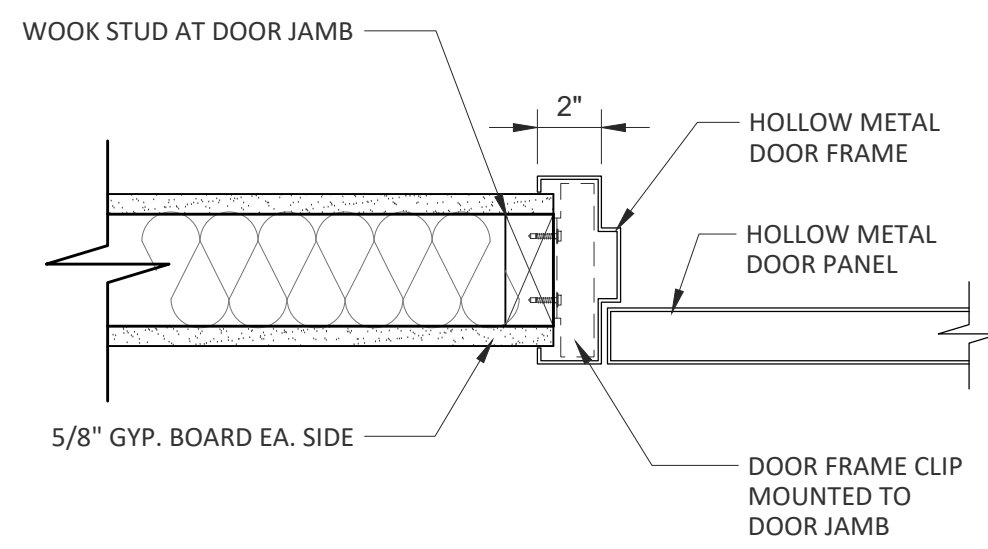
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VINYL WINDOW HEADER AT EXTERIOR WALL

SCALE: NTS

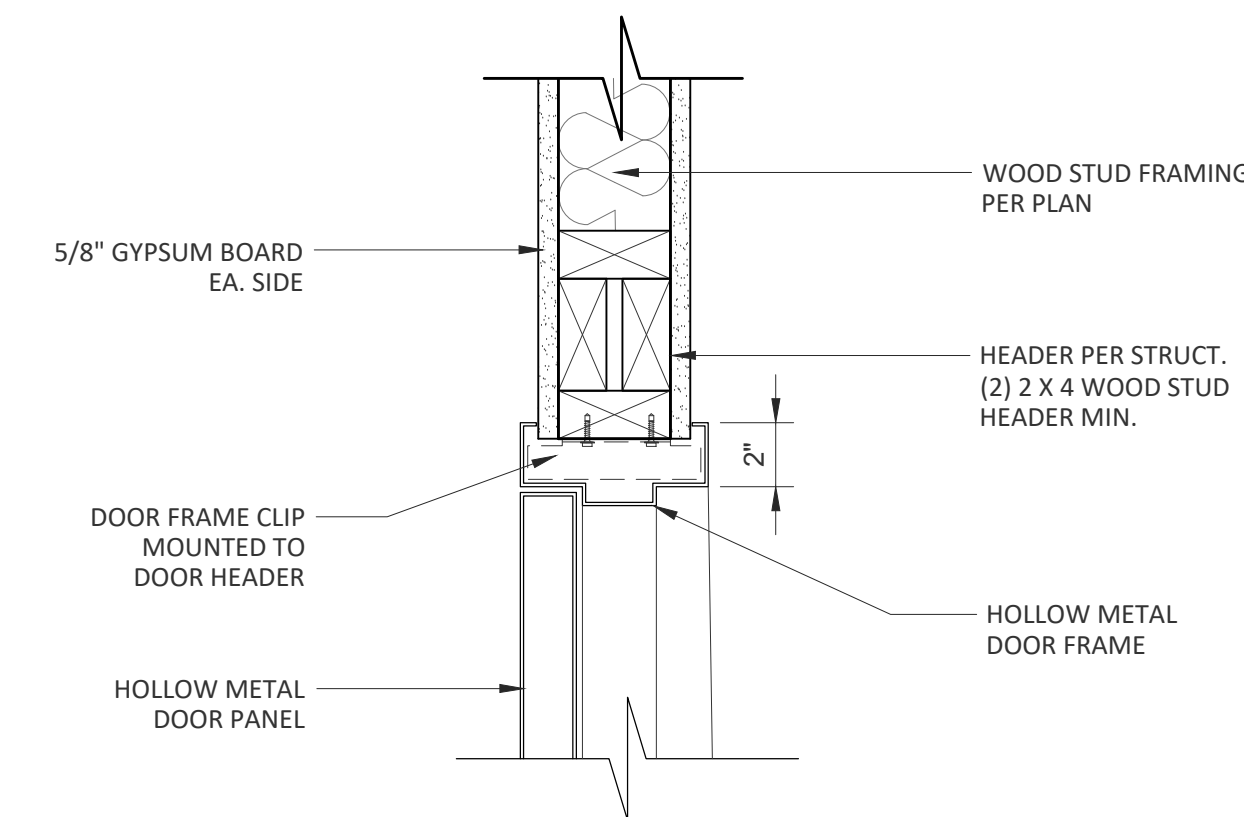
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H.M. DOOR JAMB AT INTERIOR FRAME WALL

SCALE: NTS

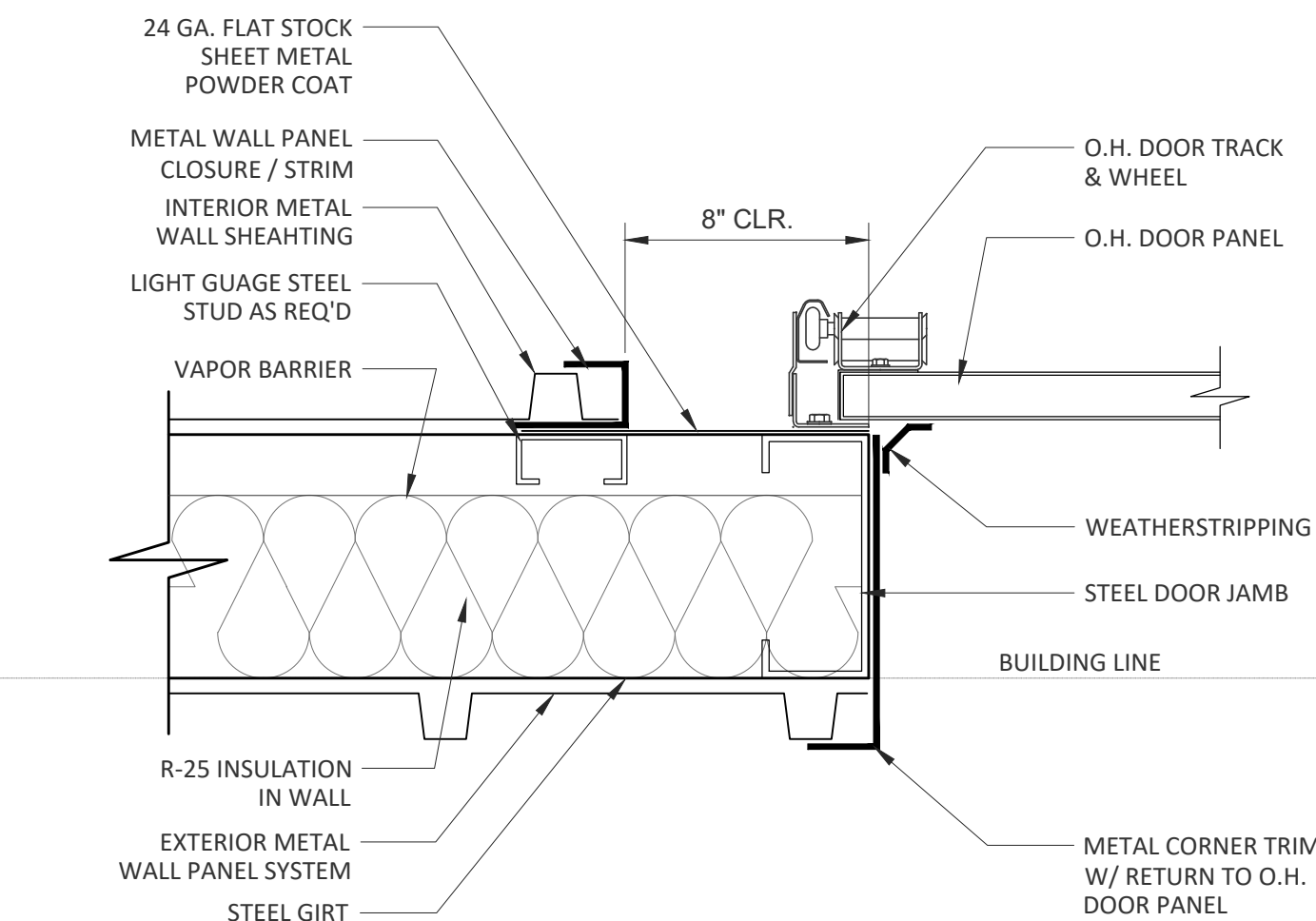
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H.M. DOOR HEADER AT INTERIOR FRAME WALL

SCALE: NTS

6



OVERHEAD DOOR JAM

SCALE: NTS

3



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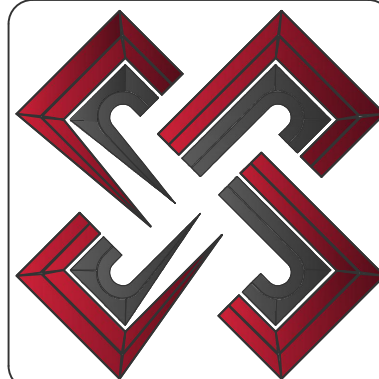
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DETAILS

A2.7



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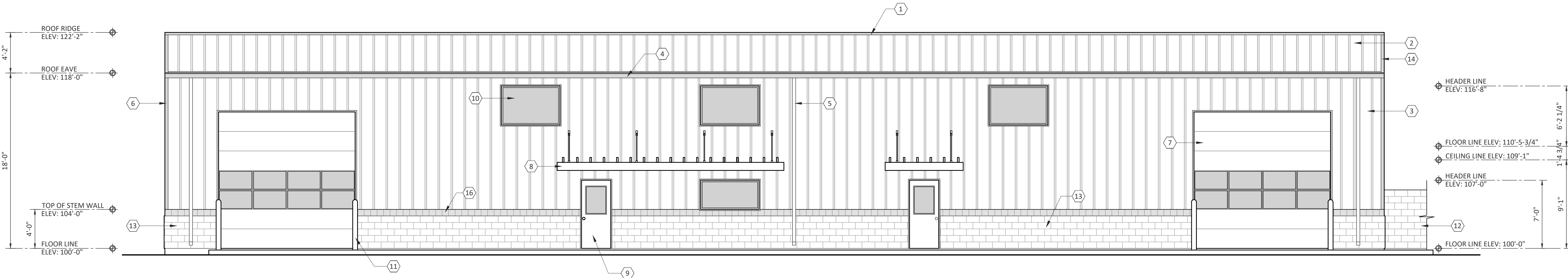
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SHEET TITLE:
**EXTERIOR
ELEVATIONS**

A3.1

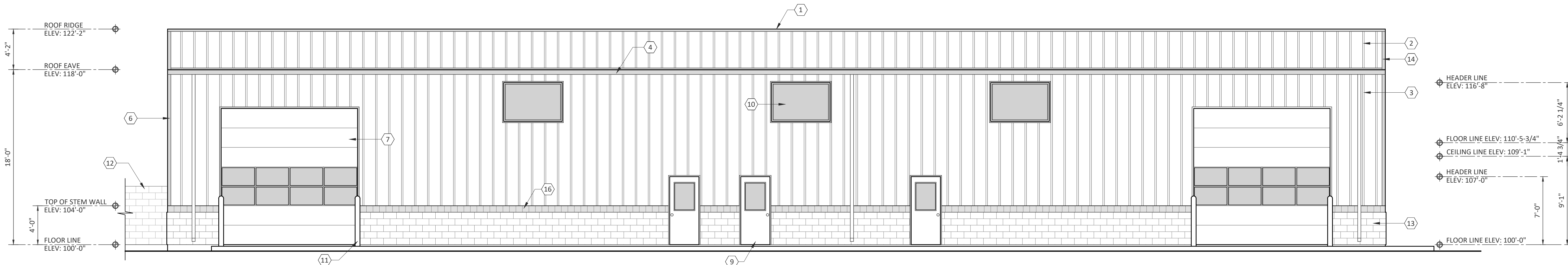
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KEY NOTE LEGEND		
① PRE-FINISHED METAL RIDGE CAP; COLOR PER OWNER	⑥ PRE-FINISHED METAL TRIM; COLOR PER OWNER	⑫ 6'-0" TALL C.M.U. YARD WALL
② PRE-FINISHED STANDING SEAM METAL ROOF PANEL SYSTEM; COLOR PER OWNER	⑦ PRE-FINISHED STEEL OVERHEAD DOOR; COLOR PER OWNER	⑬ EXPOSED SPLIT-FACE C.M.U. STEM WALL
③ PRE-FINISHED METAL WALL PANEL SYSTEM; COLOR PER OWNER	⑧ METAL AWNING	⑭ PRE-FINISHED METAL RAKE TRIM; COLOR PER OWNER
④ PRE-FINISHED METAL GUTTER; COLOR PER OWNER	⑨ H.M. DOOR & FRAME PER PLAN	⑮ CONCRETE FOOTING & FOUNDATION
⑤ PRE-FINISHED METAL GUTTER & DOWNSPOUT	⑩ VINYL WINDOWS W/ INSUL GLASS PER PLAN	⑯ 8" X 8" X 8" STANDARD C.M.U. COURSE W/ ACCENT COLOR
	⑪ 5'-0" HIGH BOLLARD PER DETAIL	



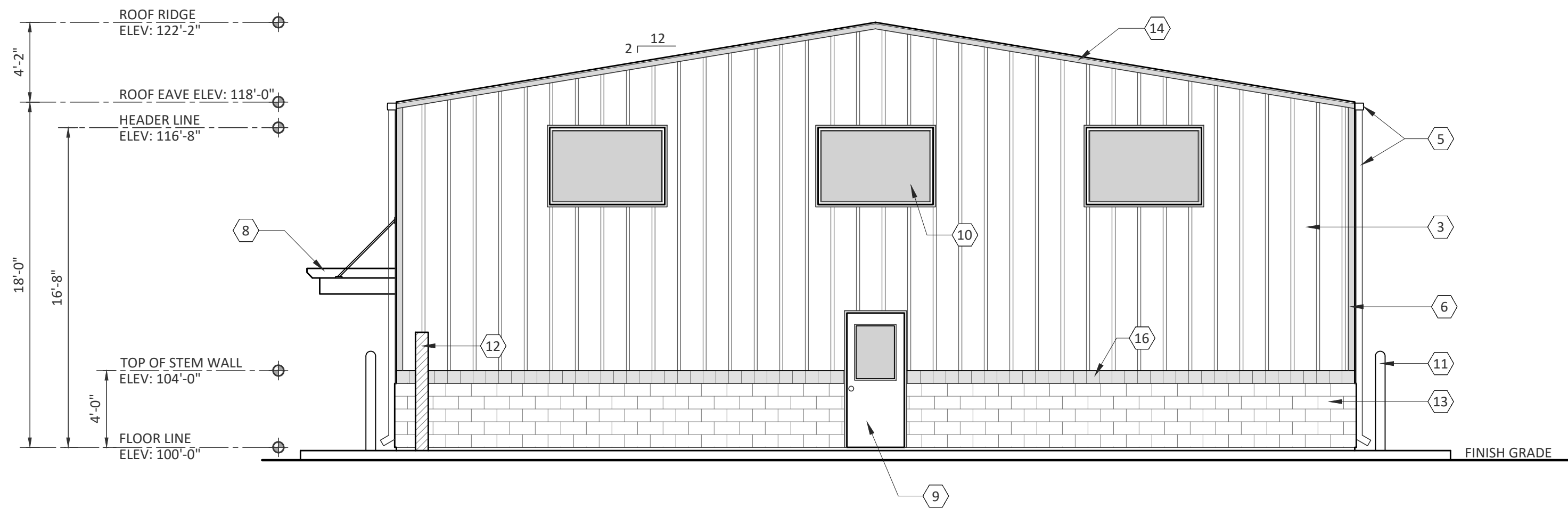
FRONT ELEVATION

SCALE: 3/16" = 1'-0"



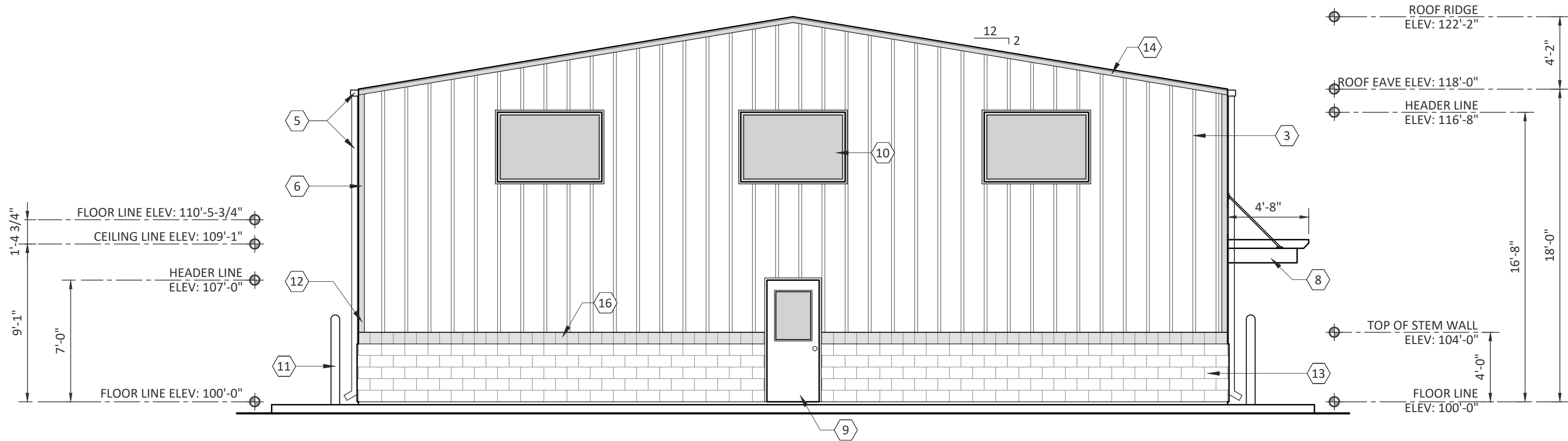
REAR ELEVATION

SCALE: 3/16" = 1'-0"



RIGHT ELEVATION

SCALE: 3/16" = 1'-0"



LEFT ELEVATION

SCALE: 3/16" = 1'-0"

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KEY NOTE LEGEND					
1	PRE-FINISHED METAL RIDGE CAP; COLOR PER OWNER	6	PRE-FINISHED METAL TRIM; COLOR PER OWNER	12	6'-0" TALL C.M.U. YARD WALL
2	PRE-FINISHED STANDING SEAM METAL ROOF PANEL SYSTEM; COLOR PER OWNER	7	PRE-FINISHED STEEL OVERHEAD DOOR; COLOR PER OWNER	13	EXPOSED SPLIT-FACE C.M.U. STEM WALL
3	PRE-FINISHED METAL WALL PANEL SYSTEM; COLOR PER OWNER	8	METAL AWNING	14	PRE-FINISHED METAL RAKE TRIM; COLOR PER OWNER
4	PRE-FINISHED METAL GUTTER; COLOR PER OWNER	9	H.M. DOOR & FRAME PER PLAN	15	CONCRETE FOOTING & FOUNDATION
5	PRE-FINISHED METAL GUTTER & DOWNSPOUT	10	VINYL WINDOWS W/ INSUL GLASS PER PLAN	16	8" X 8" X 8" STANDARD C.M.U. COURSE W/ ACCENT COLOR
		11	5'-0" HIGH BOLLARD PER DETAIL		



EXCEL DESIGN ASSOCIATES
"ENGINEERING EXCELLENCE"
DESIGN - ENGINEERING - LAND PLANNING - REAL ESTATE
321 North Mail Drive, St. George, Utah 84790
Tel. (435) 619-4586 Fax (435) 608-4586
E-MAIL: Charles@ExcelDesign.us WEB SITE: www.exceldesign.us

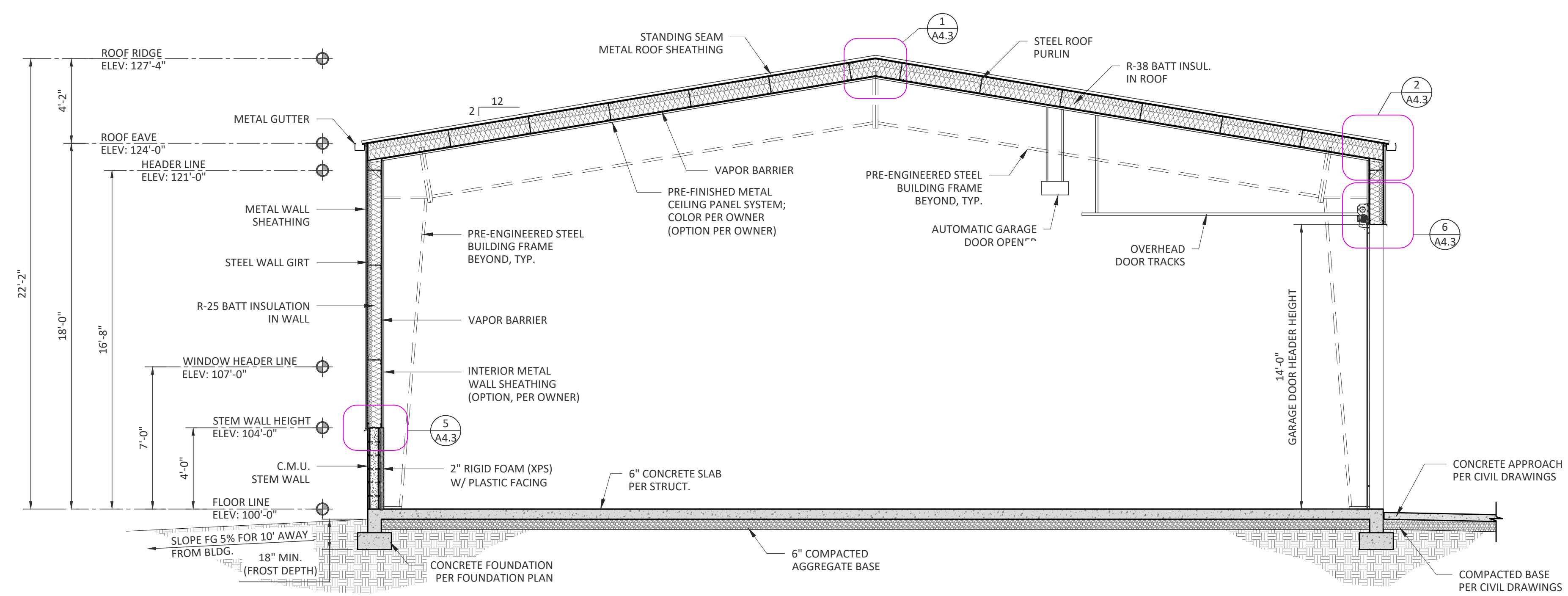
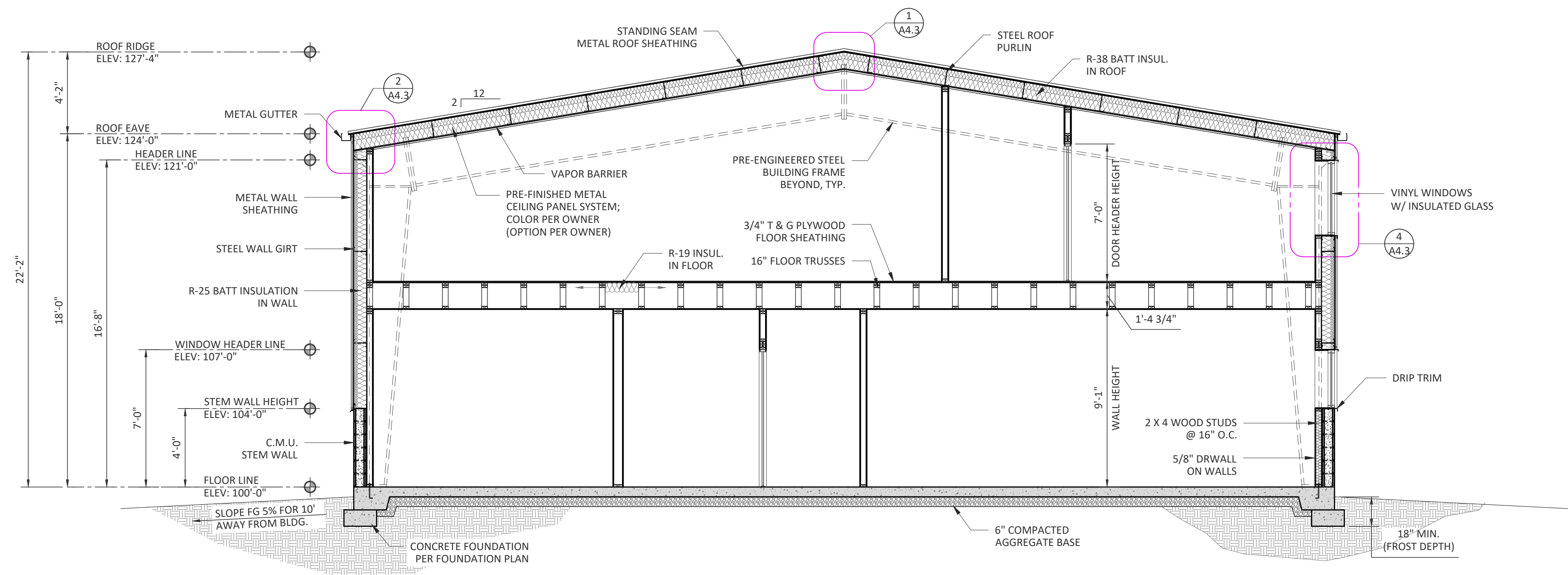
PROPOSED TRADES BUILDING FOR
CCUSD
255 N. COTTONWOOD ST.
COLORADO CITY, ARIZONA

REVISIONS		
REV.	DATE	DESCRIPTION
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2		
3		
4		

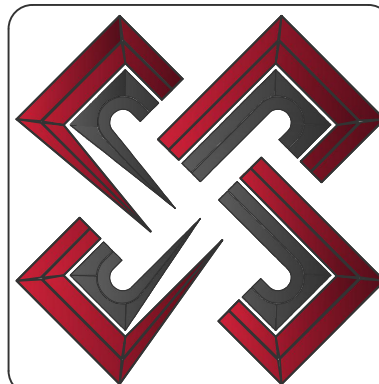
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DRAWN BY:	TCT
DESIGNED BY:	TCT
FIELD CREW:	
CHECKED BY:	
DATE:	11-15-22

SHEET TITLE:
**EXTERIOR
ELEVATIONS**

A3.2



PARTIAL DRAFT
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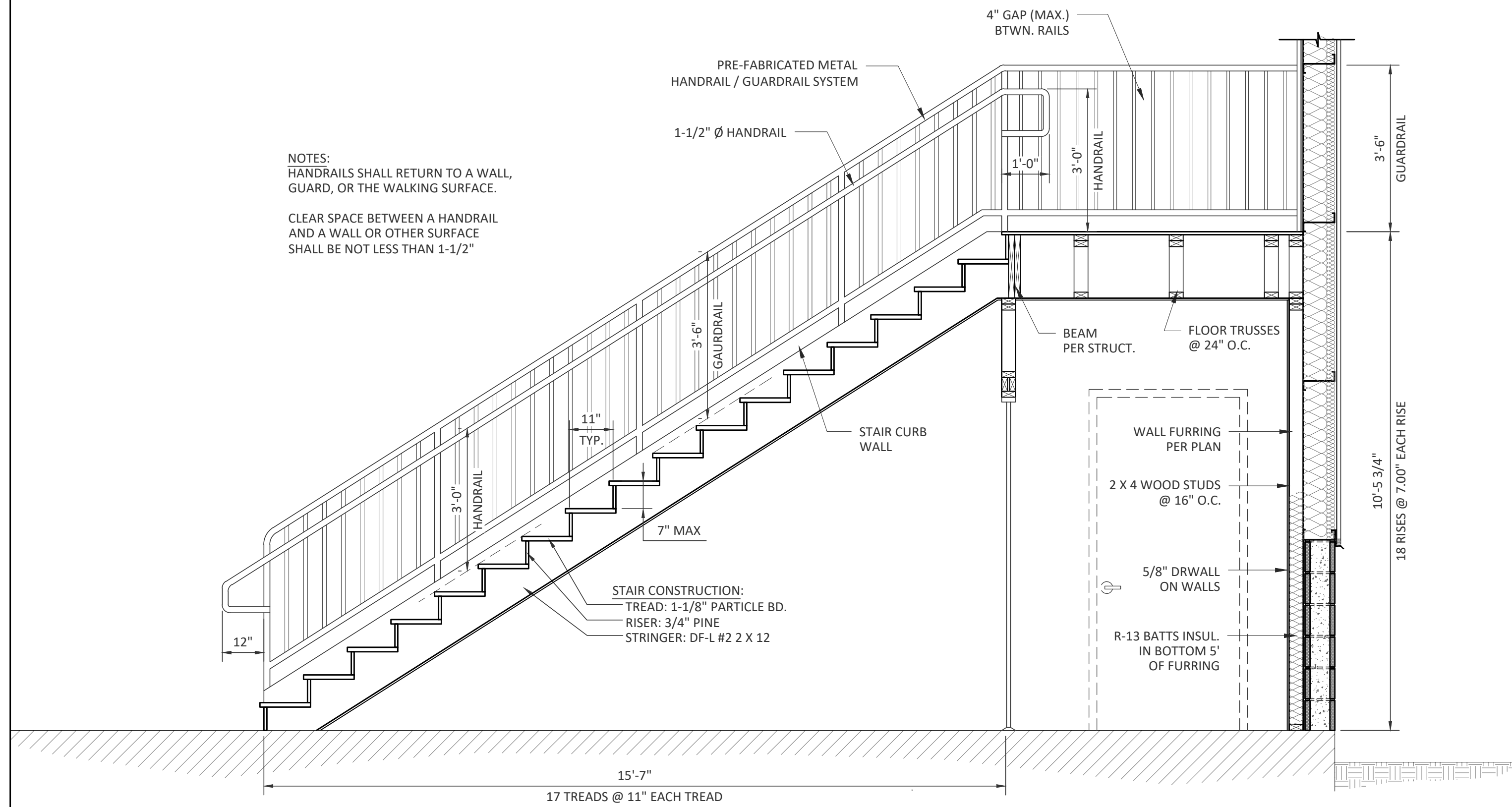
REVISIONS		
REV.	DATE	DESCRIPTION
1		
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3		
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5		
6		

PROJECT NO: 22-003-17
 CAD DWG. FILE: 22-003-17_2_Trades Bldg_Arch.dwg
 DRAWN BY: TCT
 DESIGNED BY: TCT
 FIELD CREW:
 CHECKED BY:
 DATE: 11-15-22

SHEET TITLE:
BUILDING SECTIONS

A4.1

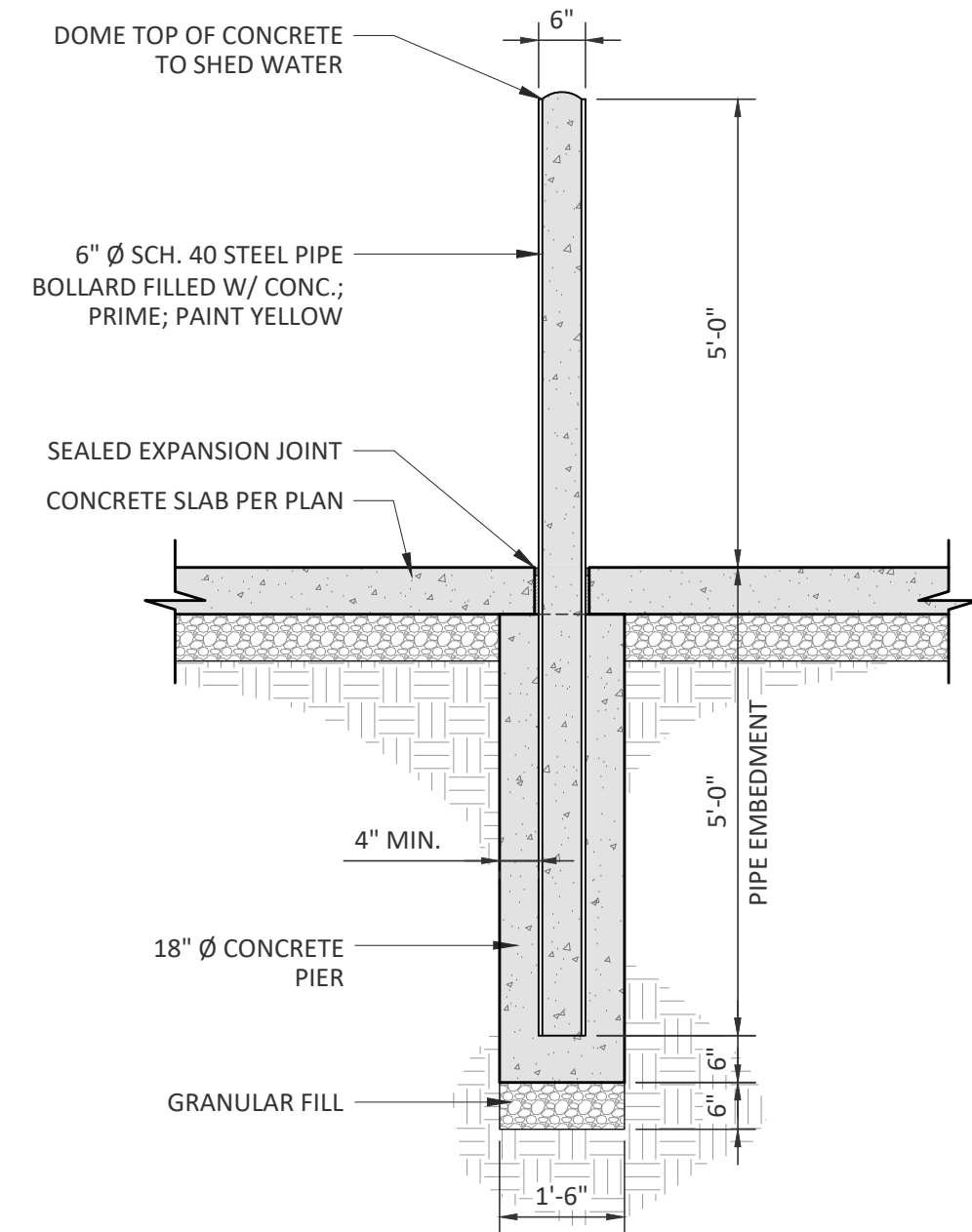
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SAIR SECTION

SCALE: 1/2" = 1'-0"

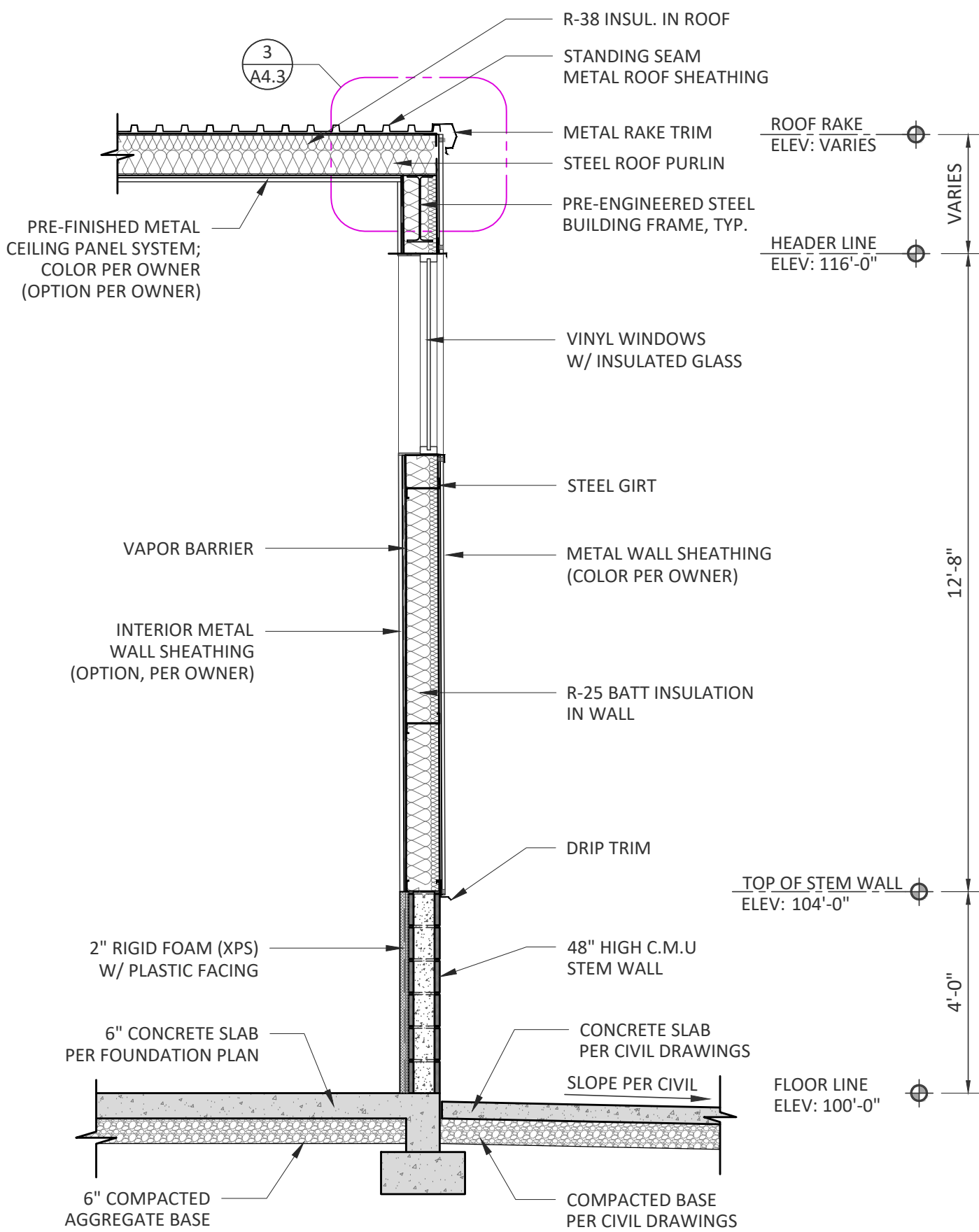
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BOLLARD SECTION

SCALE: 1/2" = 1'-0"

1



WALL SECTION

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

2



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SHEET TITLE:
WALL
SECTIONS

A4.2

NOT USED

SCALE: NTS

10

NOT USED

SCALE: NTS

7

EXTERIOR WINDOW - TYPICAL

SCALE: NTS

4

METAL BUILDING RIDGE - TYPICAL

SCALE: NTS

1

NOT USED

SCALE: NTS

11

NOT USED

SCALE: NTS

8

METAL BUILDING AT TOP OF C.M.U. STEM WALL

SCALE: NTS

5

METAL BUILDING EAVE - TYPICAL

SCALE: NTS

2

NOT USED

SCALE: NTS

12

NOT USED

SCALE: NTS

9

OVERHEAD DOOR HEADER

SCALE: NTS

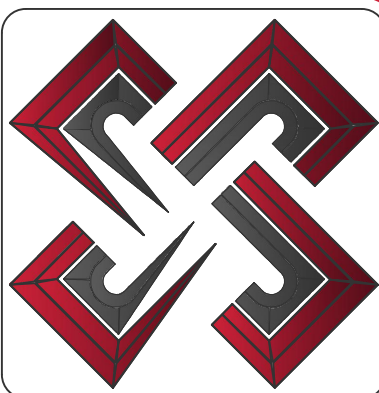
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METAL BUILDING RAKE - TYPICAL

SCALE: NTS

3

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SHEET TITLE:

DETAILS

A4.3