

GRUNTHAL ARENA EXPANSION



GRUNTHAL, MB
2024.01200

2026.06.03
ISSUED FOR TENDER/PERMIT



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CONSULTANTS

NOTES

AS-004	SITE PHASING PLANS
GENERAL	
GI-001	TITLE AND INDEX SHEET
GI-003	ASSEMBLY TYPES
ARCHITECTURAL	
AC-100	LIFE SAFETY PLAN
AD-100	DEMO & REMEDIAL FLOOR PLAN
AE-100	FOUNDATION PLAN
AE-101	FLOOR PLAN
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AE-150	FLOOR PLAN RCP
AE-200	EXTERIOR ELEVATIONS
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AE-300	BUILDING SECTIONS
AE-301	BUILDING SECTIONS 2
AE-310	WALL SECTIONS
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AE-312	WALL SECTIONS 3
AE-313	WALL SECTIONS 4
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AE-321	SECTION DETAILS - ROOF
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AE-401	LARGE SCALE PLANS 2
AE-402	LARGE SCALE PLANS - EXTERIOR WALL CANOPY
AE-600	PLAN DETAILS - EXTERIOR
AE-601	PLAN DETAILS - INTERIOR
AE-602	PLAN DETAILS - INTERIOR
AE-600	SCHEDULES
AE-700	STAIR DETAILS
AE-701	STAIR & RAMP DETAILS
AE-730	RAILING DETAILS
AE-731	RAILING DETAILS
AE-732	RAILING DETAILS
AE-800	TYPICAL DETAILS - FIRESTOPPING
AE-801	TYPICAL DETAILS - COLUMN ENCLOSURES & FE CABINETS
AS-101	SITE PLAN
AS-102	LANDSCAPE PLAN
SG-200	SIGNAGE ELEVATIONS
ARCHITECTURAL	INTERIOR ELEMENTS
AI-200	INTERIOR ELEVATIONS
AI-201	INTERIOR ELEVATIONS
AI-300	MILLWORK DETAILS
AI-301	MILLWORK DETAILS

1	2026.06.03	ISSUED FOR TENDER/PERMIT
REV	DATE	DESCRIPTION

PROJECT NORTH

PERMIT / STAMP



OWNER

RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

TITLE AND INDEX SHEET

SCALE

PROJECT NUMBER
DRAWN BY

2024.01200
Author

GI-001

ABBREVIATIONS

ACT	ACOUSTIC CEILING TILE	LAM	LAMINATE
ADJ	ADJUSTABLE	LAV	LAVATORY
ADO	AUTOMATIC DOOR OPENER	M2	METRES SQUARED
AFF	ACCESS FLOOR	M3	METRES CUBED
AH	ACCESS HATCH	MC	MEDICINE CABINET
AHJ	AUTHORITY HAVING JURISDICTION	MDF	MEDIUM DENSITY FIBREBOARD
ALUM	ALUMINUM	MECH	MECHANICAL
ALUM INSUL	INSULATED ALUMINUM	MEMB	MEMBRANE
ANOD	ANODIZED	MPFR	MANUFACTURERS
APPROX	APPROXIMATE	MIN	MINIMUM
AV	AIR VAPOUR	MNE	MINUTE
AVB	AIR VAPOUR BARRIER	MISC	MISCELLANEOUS
BD	BOARD	MO	MOISTURE OPENING
BF	BARRIER-FREE	MOUN	MOUNTED
BLDG	BUILDING	MTL	METAL
BLK	BLOCK	N	NORTH
BLKG	BLOCKING	N/A	NOT APPLICABLE
BM	BEAM	NBC	NATIONAL BUILDING CODE
BOT	BOTTOM	NIC	NOT IN CONTRACT
BR	BRICK	NOM	NOMINAL
BIS	BOTH SIDES	NOS	NOT TO SCALE
B/W	BOTH WALLS	O/A	OVERALL
C/C	CENTER TO CENTRE	O/C	ON CENTRE
CF	CLEAR FINISH	O/D	OUTSIDE DIAMETER
CFI	CLEAR FACTORY FINISH	O/F	OUTSIDE FACE
CG	CORNER GUARD	OS	OVERFLOW SCUPPER
CH	CHAMFER	O/H	OVERHEAD
CHAM	CHAMFER	O/O	OUT TO OUT
CIP	CAST IN PLACE	O/S	ONE SIDE
CJ	CONTROL JOINT	OPNG	OPENING
CL	CENTRE LINE	OPP	OPPOSITE
CLG	CEILING	OSB	ORIENTED STRAND BOARD
CLR	CLEAR	O/HVD	OVERHEAD DOOR
CMU	CONCRETE MASONRY UNIT	OWSJ	OPEN WEB STEEL JOIST
COL	COLUMN	P	PAINT
CONC	CONCRETE	PBD	PARTICLE BOARD
CONST	CONSTRUCTION	PEC	PARTITION END CAP
CONT	CONTINUOUS	PG	PAINT GRADE
CORR	CORRIDOR	PLAM	PLASTIC LAMINATE
CPT	CARPET TILE	PLYM	PLYWOOD
CS	CONCRETE SEALER	POL CONC	POLISHED CONCRETE
CT	CERAMIC TILE	POLY	POLYETHYLENE
CTR	COUNTER	PP	PARAPET
C/W	COMPLETE WITH	PR	PAIR
DA	DOUBLE ACTING	PRE	PREFINISHED
DE	DOUBLE EGRESS	PREFAB	PREFABRICATED
DET	DETAIL	PREFIN	PREFINISHED
D/G	DOOR FRAME GUARD	PROP	PROPERTY
DG	DOUBLE GLAZED	PSF	PRESSED STEEL FRAME
DOR	DOOR GRILLE	PT	PRESSURE TREATED
DIA	DIAMETER	R	RISER
DM	DIMENSION	RAD	RADIUS
DN	DOWN	RUB	RUBBER
DR	DOOR	RD	ROOF DRAIN
DS	DOWNSPOUT	RECEPT	RECEPTACLE
DSF	DANCE FLOOR SYSTEM	REINF	REINFORCED
DW	DISHWASHER	REQD	REQUIRED
DWG	DRAWING	REV	REVISION
EL	ELEVATION	RM	ROOM
ELEC	ELECTRICAL	RO	ROUGH OPENING
ELEV	ELEVATION	RSF	RESILIENT SHEET FLOORING
EMER	EMERGENCY	RT	RUBBER TILE
ENCL	ENCLOSURE	RTU	ROOF TOP UNIT
EP	EPOXY PAINT	RWL	RAIN WATER LEADER
EQ	EQUAL	S	STEEL STUD
EW	EACH WAY	SC	SOLID CORE WOOD
EWP	EXTERIOR WALL PANEL	SF	SQUARE FEET
EXIST	EXISTING	SHT	SHEET
EXP	EXPOSED STRUCTURE	SHTG	SHEATHING
EXP HC	EXPOSED HOLLOW CORE	SIM	SIMILAR
EXT	EXTERIOR	SL	SLOPE
FB	FIRE BLOCKING	SP	SUMP PUMP / PIT
FD	FLOOR DRAIN	SPEC.	SPECIFICATIONS
FDN	FOUNDATION	SQ	SQUARE
FE	FIRE EXTINGUISHER	SRS	SHEET RUBBER FLOORING
FEC	FIRE EXTINGUISHER CABINET	S/S	STAINLESS STEEL
FFE	FACE TO FACE	ST	STAIR
FF	FINISHED FLOOR ELEVATION	STC	SOUND TRANSMISSION
FFH	FORCE FLOW HEATER	STD	STANDARD
FFH	FUME HOOD	STL	STEEL
FHC	FIRE HOSE CABINET	STRUCT	STRUCTURAL
FIN	FINISHED	SUSP	SUSPENDED
FIP	FOAM IN PLACE	S/VF	SHEET VINYL FLOORING
FL/FL	FLOOR TO FLOOR	T	TREAD
FLR	FLOOR	T/B	TO BE
F/O	FACE OF	TG	TEMPERED GLASS
FP	FIREPROOFING	TEL	TELEPHONE
FRR	FIRE RESISTANCE RATED	TEMP	TEMPORARY
FTG	FOOTING	THK	THICKNESS
GA	GAUGE	TO	TOP OF
GALV	GALVANIZED	TYP	TYPICAL
GB	GYPSSUM BOARD	UA	UNIVERSAL ACCESS
GL	GLASS GLAZING	UC	UNDERCUT
G/S	GOOD ONE SIDE	UH	UNIT HEATER
GRB CONC	GROUND CONCRETE	UL	UNDERWRITERS LABORATORY
GWB	GYPSSUM WALL BOARD	ULC	UNDERWRITERS LAB CANADA
HB	HOSE BIB	UNIV	UNIVERSAL
H/C	HANDICAP	UNO	UNLESS NOTED OTHERWISE
HC	HOLLOW CORE WOOD	US	UNDER SIDE
HDWR	HARDWARE	VAR	VARIES
HDWD	HARDWOOD	VB	VAPOUR BARRIER
HV	HOLLOW METAL	VCT	VINYL COMPOSITE TILE
HMI	HOLLOW METAL INSULATED	VEST	VESTIBULE
HORIZ	HORIZONTAL	VERT	VERTICAL
HR	HOUR	VIF	VERIFY IN FIELD
HRL	HAND RAIL	W/	WITH
HT	HEIGHT	W/O	WITHOUT
ID	INSIDE DIAMETER	WG	WOOD
IMP	INSULATED METAL PANEL	WG	WIRED GLASS
INCL	INCLUDE	XPS	EXTRUDED POLYSTYRENE INSULATION
INSUL	INSULATION / INSULATED		
INT	INTERIOR		
JAN	JANITOR		
JF	JOINT FILLER		
JT	JOINT		

WIP

GENERAL NOTES

- DRAWINGS ARE NOT TO BE SCALED.
- ALL DIMENSIONS ARE MEASURED IN METRIC MILLIMETERS, UNLESS OTHERWISE NOTED.
- THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY THAT ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT PRIOR TO COMMENCEMENT OF WORK AND SHALL REPORT ANY DISCREPANCIES AND OMISSIONS TO THE ARCHITECT.
- FOR CRITICAL CLEARANCE DIMENSIONS AT STEEL STUD WALLS, DIMENSIONS ARE TO FACE OF GYPSUM BOARD AND DIMENSION MARKED CLEAR (CLR).
- STRUCTURAL GRID DIMENSIONS ARE TO CENTRELINE OF STEEL.
- ALL EXTERIOR WALLS DIMENSIONS ARE TO FACE OF EXTERIOR FINISH.
- ALL INTERIOR WALLS, DIMENSIONS ARE TO FACE OF GYPSUM BOARD, UNLESS OTHERWISE NOTED.
- THE GENERAL CONTRACTOR TO REVIEW ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL OPENINGS THROUGH FLOORS AND ROOF FOR DUCT AND PIPING RISERS, ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN.
- WALL TYPES ENCLOSING OPENINGS (I.E. DOORS, WINDOWS) ON SIDES TO BE THE SAME WALL TYPE ABOVE AND BELOW OPENING UNLESS OTHERWISE NOTED.
- OUTSIDE EDGE OF DOOR FRAMES ARE LOCATED 100mm FROM ADJACENT FINISHED WALL UNLESS OTHERWISE NOTED.
- ALL FIRE RATED SEPARATIONS AND ACOUSTIC PARTITIONS ARE TO EXTEND FROM THE T/O FLOOR TO THE U/S OF THE FLOOR SHEATHING AND/OR ROOF DECKING/SHEATHING ABOVE. PROVIDE FIRE STOPPING AND SMOKE SEALANT (BOTH SIDES) AT TOP AND BOTTOM OF ALL FIRE RATED WALLS WITH A ULC LISTED SYSTEM.
- ALL OPENINGS THROUGH FIRE RATED ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION AND PROVIDE SMOKE-TIGHT BARRIER.
- SEAL ALL ELECTRICAL RUNS, PLUMBING, MECHANICAL LINES AND DUCT PENETRATIONS THROUGH ASSEMBLIES REQUIRED TO ACT AS SMOKE SEPARATIONS.
- PROVIDE CONTINUOUS ACOUSTICAL SEALANT (BOTH SIDES) AT TOP AND BOTTOM AT STC WALLS.
- REFER TO SPECIFICATIONS FOR EQUIPMENT, ACCESSORIES AND FINISHES.
- REFER TO ROOM SCHEDULE FOR FINISHES.
- ALL GYPSUM BOARD TO BE PAINTED UNLESS NOTED OTHERWISE. REFER TO ROOM FINISH SCHEDULE.
- ALL INTERIOR PARTITIONS, CEILINGS & BULKHEADS TO BE PAINTED UNLESS NOTED OTHERWISE. REFER TO ROOM FINISH SCHEDULE.
- ALL EXPOSED STRUCTURAL STEEL (INCLUDING EXPOSED STEEL DECK) TO BE PAINTED UNLESS NOTED OTHERWISE. REFER TO ROOM FINISH SCHEDULE.
- ALL EXPOSED MECHANICAL DUCTS TO BE PAINTED UNLESS NOTED OTHERWISE. REFER TO ROOM FINISH SCHEDULE.
- ALL EXPOSED ELECTRICAL CONDUITS TO BE PAINTED UNLESS NOTED OTHERWISE. REFER TO ROOM FINISH SCHEDULE.
- REFER TO REFLECTED CEILING PLANS FOR LOCATION OF BULKHEAD AT CHANGES IN CEILING ELEVATION.
- FOR DIMENSIONS OF CONCRETE FOUNDATION WALLS, COLUMNS & SHEAR WALLS, REFER TO STRUCTURAL DRAWINGS UNLESS NOTED OTHERWISE.
- ALL ROOF PENETRATIONS AND SUPPORTS (POSTS, STUDS, RAILS AND OPENINGS) FROM EITHER ARCHITECTURAL, MECHANICAL, OR ELECTRICAL DEVICES TO BE CONSTRUCTED WITH 200mm HIGH PEDESTALS OR PERIMETER CURBS. INSTALL METAL FLASHING OVER CURBS AND SLEEVES AROUND POSTS.

DEMOLITION NOTES

- DEMOLITION AREAS AS SHOWN ARE APPROXIMATE & ILLUSTRATIVE. SITE DETERMINE EXTENT OF WORK.
- PROTECT AREAS AROUND THE NEW WORK AREA THAT ARE NOT REMOVABLE.
- PATCH AND MAKE GOOD ALL SURFACES AFFECTED BY DEMOLITION TO MATCH EXISTING.
- PRIOR TO RENOVATION REMOVE ALL LOOSE MOVEABLE ITEMS FROM AREA OF NEW WORK. CONSULT W/OWNER WHICH CONTENTS ARE TO BE SALVAGED OR DISPOSED OF.
- PRIOR TO PAINTING, REMOVE ALL MOVABLE WALL MOUNTED FURNISHINGS OR EQUIPMENT. CONSULT W/OWNER WHICH CONTENTS ARE TO BE SALVAGED OR DISPOSED OF.

PROJECT NOTES

- EXISTING BUILDING INFORMATION: SUPPLIED BY OWNER AND TAKEN FROM AS-BUILT DRAWINGS PREPARED BY XXX., DATED XXX (file: XXX).
- THE EXISTING DRAWINGS WERE PREPARED BY OTHER CONSULTANTS AND HAVE BEEN PROVIDED BY THE OWNER PRIMARILY FOR GENERAL INFORMATION ONLY AND DO NOT INDICATE THE SCOPE OF WORK FOR THIS PROJECT. THE OWNER, NOT THE CONSULTANT, GUARANTEES THE ACCURACY OR COMPLETENESS OF THE EXISTING DRAWINGS. BIDDERS ARE SOLELY RESPONSIBLE FOR VERIFYING EXISTING SITE CONDITIONS PRIOR TO CLOSE OF BIDS.
- ALL EXISTING INFORMATION INCLUDING (BUT NOT LIMITED TO) GRIDLINES, DIMENSIONS, PARTITION TYPES, ETC. ARE SHOWN AS REFERENCE ONLY AND ARE TO BE SITE CONFIRMED.
- EXISTING JOISTS & BEAMS SUPPORTING MECHANICAL MEZZANINE CONTAIN 1 HR FRR SPRAY FIREPROOFING. PATCH & REPAIR AS REQUIRED TO SUIT NEW CONSTRUCTION.
- EXISTING STEEL COLUMNS SUPPORTING MECHANICAL MEZZANINE CONTAIN 1 HR FRR CEMENT PLASTER ON WIRE MESH. PATCH & REPAIR AS REQUIRED TO SUIT NEW CONSTRUCTION.

MANITOBA ENERGY CODE FOR BUILDING (MECB), 2020 NATIONAL ENERGY CODE

BUILDING INFORMATION

BUILDING CLIMATE ZONE: 7A
HEATING DEGREES DAY BELOW 18°C (HDD): 5048

BUILDING ENVELOPE (NECB 3.2)

MAX. THERMAL TRANSMITTANCE FOR BUILDING ASSEMBLY ABOVE GROUND REQUIRED
WALLS U-VALUE 0.215 RSI 4.651 R26
ROOFS U-VALUE 0.121 RSI 8.264 R46
FLOORS U-VALUE 0.138 RSI 7.246 R41

MAX. THERMAL TRANSMITTANCE FOR BUILDING ASSEMBLIES IN CONTACT WITH THE GROUND

WALLS U-VALUE 0.284 RSI 3.521 R20
ROOFS U-VALUE 0.284 RSI 3.521 R20
FLOORS U-VALUE 0.157 RSI 1.321 R7.5

MAX. THERMAL TRANSMITTANCE OF FENESTRATION AND DOORS REQUIRED

DOORS U-VALUE 1.0 RSI 0.526 R2.9
FENESTRATION U-VALUE 1.73 RSI 0.578 R3.2

MAX ALLOWABLE PERCENTAGE OF FENESTRATION AND DOORS:

FDWR=0.33 for 5048HDD= 33%
PROVIDED WALL AREA = 798.4 M²
PROVIDE FENESTRATION AREA = 107M²
DESIGNED FDWR 13.44%

BUILDING DESIGN SUMMARY

NATIONAL BUILDING CODE OF CANADA 2020

PROJECT DESCRIPTION:

ADDRESS: 63 Albert Ave. Grunthal, MB, R0A 0R0
ZONING: OS, OPEN SPACE AND RECREATION
REGISTERED OWNER(S): THE RURAL MUNICIPALITY OF HANOVER
LOT AREA:
LEGAL DESCRIPTION:

SECTION 3.1 - GENERAL

MAJOR OCCUPANCY CLASSIFICATION

3.2.2.30. GROUP A, DIVISION 3, UP TO 2 STOREYS

1) A building classified as Group A, Division 3 is permitted to conform to Sentence (2) provided a) it is not more than 2 storey in building height, and b) it has a building area not more than 5000 m² if facing two streets

3.2.2.17. Roof Assemblies and Mezzanines in Gymnasiums, Swimming Pools, Arenas and Rinks
1) The requirements for a roof assembly to have a fire-resistance rating stated Articles 3.2.2.25, 3.2.2.30 and 3.2.2.32, are permitted to be waived for gymnasiums, swimming pools, arenas, and rinks, provided a) the roof carries no loads other than normal roof loads, including permanent access walks, and ventilating, sound and lighting equipment.

BUILDING AREA (FOOTPRINT)
NEW ADDITION LOBBY (1 STOREY): 880 m²
NEW ADDITION GARAGE (1 STOREY): 97 m²
EXISTING ARENA (1 STOREY): 2,054 m²
GROSS OVER-ALL AREA: 3,031 m²

TOTAL BUILDING AREA: 3,031 m²
BUILDING HEIGHT: 11.71m
EXISTING (1 STOREY)
EXPANSION (1 STOREY)
BUILDING IS SPRINKLERED
BUILDING FACING (NUMBER OF) STREET(S): TWO (2)

3.1.3.1. MAJOR OCCUPANCY FIRE SEPARATIONS
ADJOINING OCCUPANCY
ICE RINK + VIEW AREA - GROUP A, DIV 3: 2,202 m²
STORAGE GARAGE - GROUP F, DIV 3: 66 m²
FRR 1.5 Hr

3.1.7.1.1. OCCUPANT LOAD DETERMINATION

1. EXISTING RINK - SPECTATOR SEATING
2. EXPANSION
KITCHEN (28.58m²) sq.m/9.3 3
MULTI PURPOSE ROOMS (32.2m²) sq.m/0.95 34
HALL (150m²) sq.m/0.40 397
VIEWING AREA (FIXED SEATING) 74

3. OTHERS
CHANGE ROOMS 100

TOTAL PROGRAMMED OCCUPANT LOAD 928

SECTION 3.2 - BUILDING FIRE SAFETY

BUILDING CLASSIFICATION: ARTICLE 3.2.2.30, GROUP A, DIVISION 3, MAX 2 STOREYS, UP TO 9000m²

- NON COMBUSTIBLE CONSTRUCTION - REFER TO MBC ARTICLE 1.3.5 FOR EXISTING CONDITIONS

- NOT SPRINKLERED

- ROOF ASSEMBLY OF HEAVY TIMBER CONSTRUCTION

3.2.3 SPATIAL SEPARATION

*DIRECTIONS BASED ON PROJECT NORTH

EAST WALL
LIMITED DISTANCE(L) 25.9M (>20 M)
EXPOSING BUILDING FACE (EBF) = 120.6 M²
UNPROTECTED ALLOWABLE OPENING = 100% (Table 3.2.3.1-B)
PROPOSED MAX. % OF OPENINGS = 28% (33.8 M²)
MINIMUM CONSTRUCTION STANDARDS (Table 3.2.3.7)
MINIMUM CONSTRUCTION STANDARDS (Table 3.2.3.7)
COMBUSTIBLE CONSTRUCTION PERMITTED
COMBUSTIBLE CLADDING PERMITTED

WEST WALL
LIMITED DISTANCE(L) = 1.25M (<1.5M)
EXPOSING BUILDING FACE (EBF) = 125.6 M²
UNPROTECTED ALLOWABLE OPENING = 7% (Table 3.2.3.1-B)
PROPOSED MAX. % OF OPENINGS = 0%
MINIMUM CONSTRUCTION STANDARDS (Table 3.2.3.7)
MINIMUM CONSTRUCTION STANDARDS (Table 3.2.3.7)
COMBUSTIBLE CONSTRUCTION PERMITTED
COMBUSTIBLE CLADDING REQUIRED
FRR 1 HR

SOUTH WALL
LIMITED DISTANCE(L) = 27.5M (>14m)
EXPOSING BUILDING FACE (EBF) = 178.3 M²
ALLOWED UNPROTECTED OPENING = 100% (Table 3.2.3.1-B)
PROPOSED MAX. % OF OPENINGS = 11.5% (21.7 M²)
MINIMUM CONSTRUCTION STANDARDS (Table 3.2.3.7)
MINIMUM CONSTRUCTION STANDARDS (Table 3.2.3.7)
COMBUSTIBLE CONSTRUCTION PERMITTED
COMBUSTIBLE CLADDING PERMITTED

NORTH WALL
NOT APPLICABLE AS FACE OF GRANT TO EXISTING CONSTRUCTION

3.2.4 FIRE ALARM

- FIRE ALARM AND DETECTION SYSTEM IS REQUIRED/PROVIDED: YES
- SIGNAL TO FIRE DEPARTMENT IS REQUIRED/PROVIDED: YES

3.2.5 PROVISIONS FOR FIRE FIGHTING

- ACCESS ROUTES FOR FIRE DEPARTMENT VEHICLES, INCLUDING TURNAROUND: YES
- LOCATION OF HYDRANT: 31M (<45M) TO PRINCIPLE ENTRANCE

- SPRINKLER SYSTEM CONNECTION: NOT PROVIDED

3.2.7 EMERGENCY LIGHTING

- EMERGENCY LIGHTING IS REQUIRED/PROVIDED: YES

SECTION 3.3 - SAFETY WITHIN FLOOR AREAS

- MAJOR OCCUPANCY SEPARATION (HR): 2 HR FRR at Gidline 2
- PUBLIC CORRIDOR: FIRE SEPARATION (HR): 0
- BARRIER-FREE PROTECTION (3.3.1.7): N/A BUILDING IS ONE STOREY
- JANITOR'S ROOM - FIRE SEPARATION (HR): 1 HR
- STORAGE GARAGE SEPARATION (3.3.5.6): 2 HR
- COOKING EQUIPMENT (3.3.1.2): NO SPRINKLER.

FIXED SEATS, 3.3.2.6 AISLES

SPECTATOR STANDS DESIGNED IN ACCORDANCE

SECTION 3.4 - EXITS

- MINIMUM TWO EXITS ARE REQUIRED, NUMBER PROVIDED: 2
- MAXIMUM TRAVEL DISTANCE: 30m (3.4.2.5.1.(f))
- EXIT CAPACITY MAIN FLOOR - EXIT WIDTH: 565 persons
- EXIT SIGNAGE (3.4.5) IS REQUIRED: YES

SECTION 3.6 - SERVICE SPACES

- MECHANICAL SHAFT FIRE SEPARATION (HR): N/A
- VENTILATION CONTROL OF COOKING OPERATIONS (3.6.3.5): Is Mechanical providing a proprietary fire rated base applied or factory built enclosure assembly?

SECTION 3.7 - WASHROOMS

TABLE 3.7.2.2.4:
WATER CLOSETS REQUIRED: 17 = 6 (MALE) / 11 (FEMALE)

TABLE 3.7.2.2.3:

URINALS REQUIRED: NONE PROVIDED

TABLE 3.7.2.3:

LAV REQUIRED: 1 LAVATORY SHALL BE PROVIDED IN ROOM CONTAINING ONE OR 2 WATER CLOSETS OR URINALS, AND AT LEAST ONE ADDITIONAL LAVATORY SHALL BE PROVIDED FOR EACH ADDITIONAL 2 WATER CLOSETS OR URINALS.

OCCUPANCY LOAD

FEMALE W.C. 10 11
LAVATORIES: 5 11

MALE W.C. 5 6
LAVATORIES: 3 6
URINALS: N/C

UTR W.C. - 1
LAVATORIES: - 1

TABLE 3.8.3.17
SHOWERS/CHANGE ROOMS W.C. - 6
LAVATORIES: - 6
SHOWERS (BF): - 12 (4 BF)

SECTION 3.8 - BARRIER-FREE DESIGN

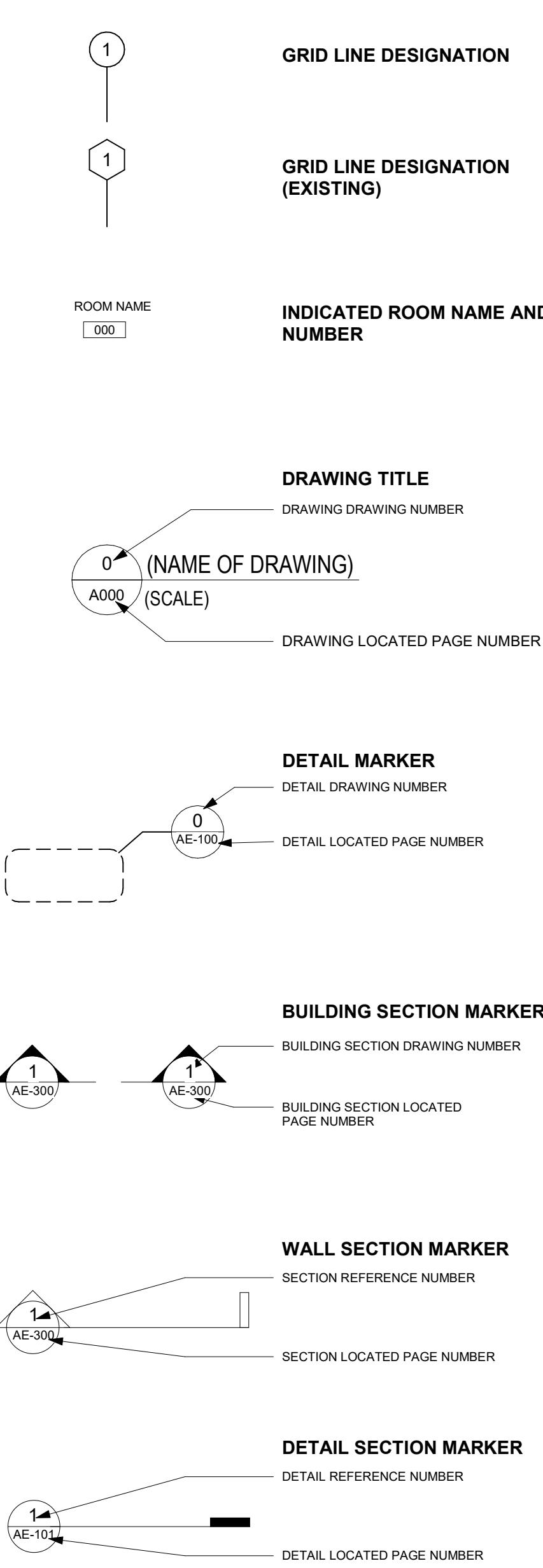
- BARRIER-FREE ACCESS PROVIDED TO ALL MAIN FLOOR TENANTS: YES
- PUBLIC ENTRANCE DOORS EQUIPPED WITH POWER DOOR OPERATORS: YES
- BARRIER-FREE WASHROOMS ARE PROVIDED: YES

TABLE 3.8.2.3 DESIGNATED WHEELCHAIR SPACES:

NUMBER OF SPACES REQUIRED FOR WHEELCHAIRS: 2 - 99 FIXED SEATS IN SEATING AREA
74
2

PROGRAMMED FIXED SEATINGS:
WHEELCHAIR SPACE PROVIDED:

DRAWING SYMBOLS



GRID LINE DESIGNATION

GRID LINE DESIGNATION (EXISTING)

INDICATED ROOM NAME AND NUMBER

DRAWING TITLE

DRAWING DRAWING NUMBER

(NAME OF DRAWING)

(SCALE)

DRAWING LOCATED PAGE NUMBER

DETAIL MARKER

DETAIL DRAWING NUMBER

DETAIL LOCATED PAGE NUMBER

BUILDING SECTION MARKER

BUILDING SECTION DRAWING NUMBER

BUILDING SECTION LOCATED PAGE NUMBER

WALL SECTION MARKER

SECTION REFERENCE NUMBER

SECTION LOCATED PAGE NUMBER

DETAIL SECTION MARKER

DETAIL REFERENCE NUMBER

DETAIL LOCATED PAGE NUMBER

REVISION NUMBER

WASHROOM ACCESSORIES NUMBER (REFER TO SCHEDULE)

KEY NOTES (NEW)

KEY NOTES (DEMOLITION)

OBJECT / ITEM NOTATION

SURFACE / FINISH NOTATION

(F)LOOR / (R)OOF / (S)OFFIT / (W)ALL TYPE INDICATOR

(GB) GRADE BEAM / (PA) PARAPET TYPE INDICATOR

INTERIOR PARTITION INDICATOR

PARTITION TYPE - SEE PARTITION LEGEND)

(Gx) EXTERIOR GLAZING / (Gix) INTERIOR GLAZING TYPE INDICATOR

INCLUDES WINDOW TYPE, STORFRONT TYPE & CURTAIN WALL TYPE

RAILING TYPE INDICATOR

RAILING TYPE

CEILING TYPE INDICATOR

CEILING TYPE

SPECIFIED HEIGHT

LEVEL

NORTH ARROW

INDICATED DOOR/FRAME NUMBER

SPECIFIED DOOR/FRAME

DOOR/FRAME NUMBER (REFER TO SCHEDULE)

INTERIOR ELEVATION

INTERIOR ELEVATION NUMBER

INTERIOR REFERENCE PAGE NUMBER

EXTERIOR ELEVATION

EXTERIOR ELEVATION NUMBER

EXTERIOR REFERENCE PAGE NUMBER

EXTERIOR TYPE LEGEND		
		METAL CLADDING w/ STEEL STUD BACK-UP WALL R-VALUE = 28.9, RSI = 5.09 -PREFINISHED METAL CLADDING (PER EXTERIOR FINISH SCHEDULE) -HORIZONTAL 25mm METAL Z-CLIP OR HAT CHANNEL -152 mm QUICK-THERM INSULATION-AIR/VAPOR MEMBRANE -16mm FIBERGLASS MAT EXTERIOR GRADE GYPSUM BOARD SHEATHING -152mm STEEL STUD BACK-UP WALL -16mm TYPE 'X' GYPSUM BOARD
		METAL CLADDING w/ STEEL STUD BACK-UP WALL R-VALUE = 28.95, RSI = 5.09 -PREFINISHED METAL CLADDING (PER EXTERIOR FINISH SCHEDULE) -FRAMING THICKNESS PER A-402 -152mm THERMALLY BROKEN FIBERGLASS WALL CLIPS -152 mm SEMI RIGID MINERAL WOOL INSULATION – RSI 6.1 (R-26.8) -AIR/VAPOR MEMBRANE -16mm FIBERGLASS MAT EXTERIOR GRADE GYPSUM BOARD SHEATHING -152mm STEEL STUD BACK-UP WALL -16mm TYPE 'X' GYPSUM BOARD
		METAL CLADDING w/ CMU BACK-UP WALL R-VALUE = 29.04, RSI = 5.11 -PREFINISHED METAL CLADDING (PER EXTERIOR FINISH SCHEDULE) -25mm HORIZONTAL METAL Z-CLIP OR HAT CHANNEL -152 mm QUICK-THERM INSULATION -AIR/VAPOR MEMBRANE -190mm CONCRETE BLOCK WALL
		METAL CLADDING w/ CMU BACK-UP WALL R-VALUE = 29.04, RSI = 5.11 -PREFINISHED METAL CLADDING (PER EXTERIOR FINISH SCHEDULE) -25mm METAL Z-CLIP OR HAT CHANNEL (PART OF CLIP & RAIL SYSTEM) -AIR AND VAPOR BARRIER -152mm THERMALLY BROKEN FIBERGLASS WALL CLIPS -152 mm SEMI RIGID MINERAL WOOL INSULATION – RSI 6.1 (R-26.8) -AIR/VAPOR MEMBRANE -190mm CONCRETE BLOCK WALL
		CANOPY WALL -PREFINISHED METAL CLADDING (PER EXTERIOR FINISH SCHEDULE) -13mm VERTICAL METAL Z-CLIP OR HAT CHANNEL (PART OF CLIP & RAIL SYSTEM) -16mm FIBERGLASS MAT EXTERIOR GRADE GYPSUM BOARD SHEATHING -152mm STEEL STUD BACK-UP WALL

ROOF TYPE LEGEND		
		R-VALUE = 47.72, RSI = 8.4 -22 GAUGE PREFINISHED 1.5" SNAP SEAM OR EQUIVALENT(REFER TO SPECS) - BLUESKIN VP160: SELF-ADHERED WATER-RESISTIVE AIR BARRIER -13mm - 1/2" FIBERGLASS FACED ROOF SHEATHING -6" QUICK THERM INSULATION -SELF-ADHERED VAPOR BARRIER -38mm - 1 1/2" 20GA ACOUSTICAL STEEL DECKING (REFER TO STRUCTURAL) -GLULAM JOIST (REFER TO STRUCTURAL)

INTERIOR WALL TYPE LEGEND		
PROVIDE STEEL SHEET BACKING ON FACE OF STEEL STUDS FOR STRONG FASTENING OF WALL HUNG MILLWORK, SHELVING, EQUIPMENT, FIXTURES, ETC. MOUNTING HEIGHT TO BE CONFIRMED WITH DESIGNER WHERE NOT SHOWN ON DRAWING.		
PROVIDE MILDEW AND WATER RESISTANCE GYPSUM BOARD WHERE SHOWER, SINK IS PRESENT.		
PROVIDE INTUMESCENT COATING & CEMENTITIOUS FIREPROOFING TO ALL STRUCTURAL ELEMENTS. PROVIDE ULC APPROVED FIRESTOP (SMOKE & GASES) SYSTEM IN ALL PENETRATIONS. REFER TO SPEC		
		-140mm CONCRETE BLOCK WALL NOTE: 8MM CHAMFER ALL EXPOSED EDGES
		UP TO 3723mm AFF -190mm CONCRETE BLOCK WALL NOTE: 8MM CHAMFER ALL EXPOSED EDGES ABOVE 3723mm AFF -16mm TYPE 'X' ABUSE RESISTANT DRYWALL -152mm STEEL STUDS @ MAX 400mm O.C. SPACING -152mm STEEL STUDS @ MAX 400mm O.C. SPACING -16mm TYPE 'X' ABUSE RESISTANT DRYWALL
		-16mm TYPE 'X' ABUSE RESISTANT DRYWALL -152mm STEEL STUDS @ MAX 400mm O.C. SPACING -16mm TYPE 'X' ABUSE RESISTANT DRYWALL
		-16mm TYPE 'X' ABUSE RESISTANT DRYWALL -152mm STEEL STUDS @ MAX 400mm O.C. SPACING CW 152mm BATT INSULATION -16mm TYPE 'X' ABUSE RESISTANT DRYWALL
		-16mm TYPE 'X' ABUSE RESISTANT DRYWALL -90mm STEEL STUDS @ MAX 400mm O.C. SPACING -16mm TYPE 'X' ABUSE RESISTANT DRYWALL
		NBC 2036 WHd STC 32 1HR FRR -16mm TYPE 'X' ABUSE RESISTANT DRYWALL -90mm STEEL STUDS @ MAX 400mm O.C. SPACING -16mm TYPE 'X' ABUSE RESISTANT DRYWALL

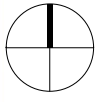
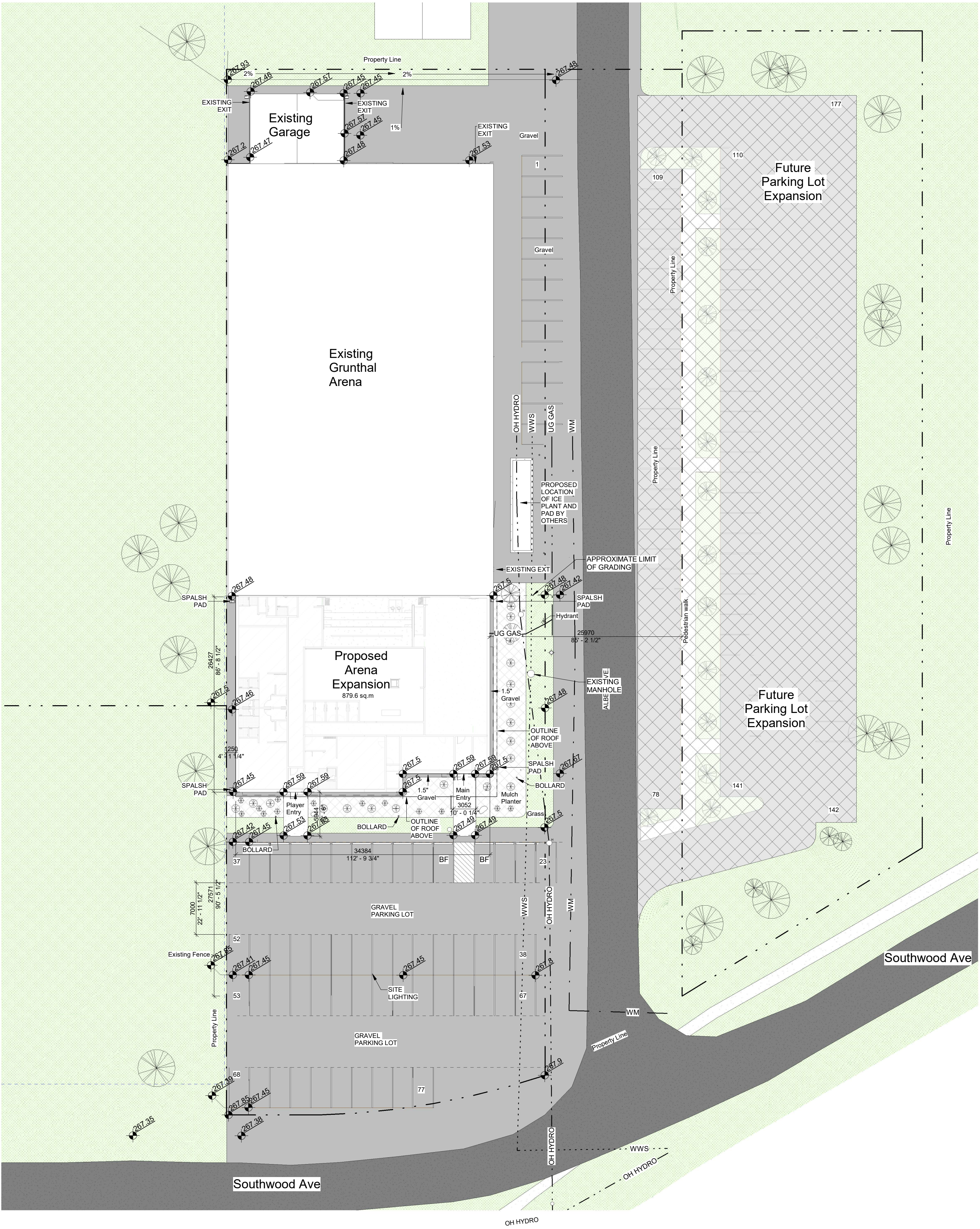
SOFFIT TYPE LEGEND		
		PREFINISHED VENTED METAL SOFFIT - COLOUR TBD
		-TRESPA PANEL - RED TO COLOUR MATCH

FLOOR TYPE LEGEND		
		R-VALUE = 20.8, RSI = 3.66 -125MM - 5" CONCRETE SLAB ON GRADE (REFER TO STRUCTURAL) COMPLETE WITH INFLOOR HEATING SYSTEM (REFER TO MECHANICAL) -MOISTURE BARRIER -CONT ROF INSULATION -BASE COURSE (REFER TO STRUCTURAL) -DAMP-PROOF PERIMETER SLAB
		MECHANICAL ATTIC FRR 1 HR -1 1/2" CONCRETE TOPPING -38mm 22GA STEEL DECKING (REFER TO STRUCTURAL) -OPEN WEB STEEL JOIST (REFER TO STRUCTURAL) - 5/8" TYPE 'X' - GYPSUM
		VIEWING AREA -1 1/2" CONCRETE TOPPER -38mm 22GA STEEL DECKING (REFER TO STRUCTURAL) -1 1/2" RIGID INSULATION

FOUNDATION TYPE LEGEND		
PROVIDE 1200mm SKIRT 75mm RIGID INSULATION ON THE EXTERIOR PERIMETER OF THE FOUNDATION. EXTENDED OUTWARD HORIZONTALLY OR AT A SLOPE AWAY FROM THE FOUNDATION COVERED WITH SOIL.		
		R-VALUE = 21.2, RSI = 3.73 -CEMENT BOARD TO 300mm BELOW GRADE -R20 RIGID INSULATION -DAMP PROOFING -254mm CONCRETE GRADE BEAM (REFER TO STRUCTURAL)
		-DAMP PROOFING -406mm CONCRETE GRADE BEAM (REFER TO STRUCTURAL)
		EXISTING TO REMAIN -R15 89mm RIGID INSULATION -DAMP PROOFING -254mm CONCRETE GRADE BEAM(REFER TO STRUCTURAL)

1	2026.06.03	ISSUED FOR TENDER/PERMIT
REV	DATE	DESCRIPTION
PROJECT NORTH		





SITE PLAN LEGEND

- OH HYDRO- - - - OVERHEAD HYDRO LINE
- UG GAS - - - UNDERGROUND GAS LINE
- WM - - - WATERMAIN
- WWS - - - WASTE WATER SEWAGE
- ○ LIGHT STANDARD
- MANHOLE
- ⊕ HYDRANT
- UTILITY POLE
- ▲ SPOT ELEVATION

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GENERAL NOTES

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1	2026.06.03	ISSUED FOR TENDER/PERMIT

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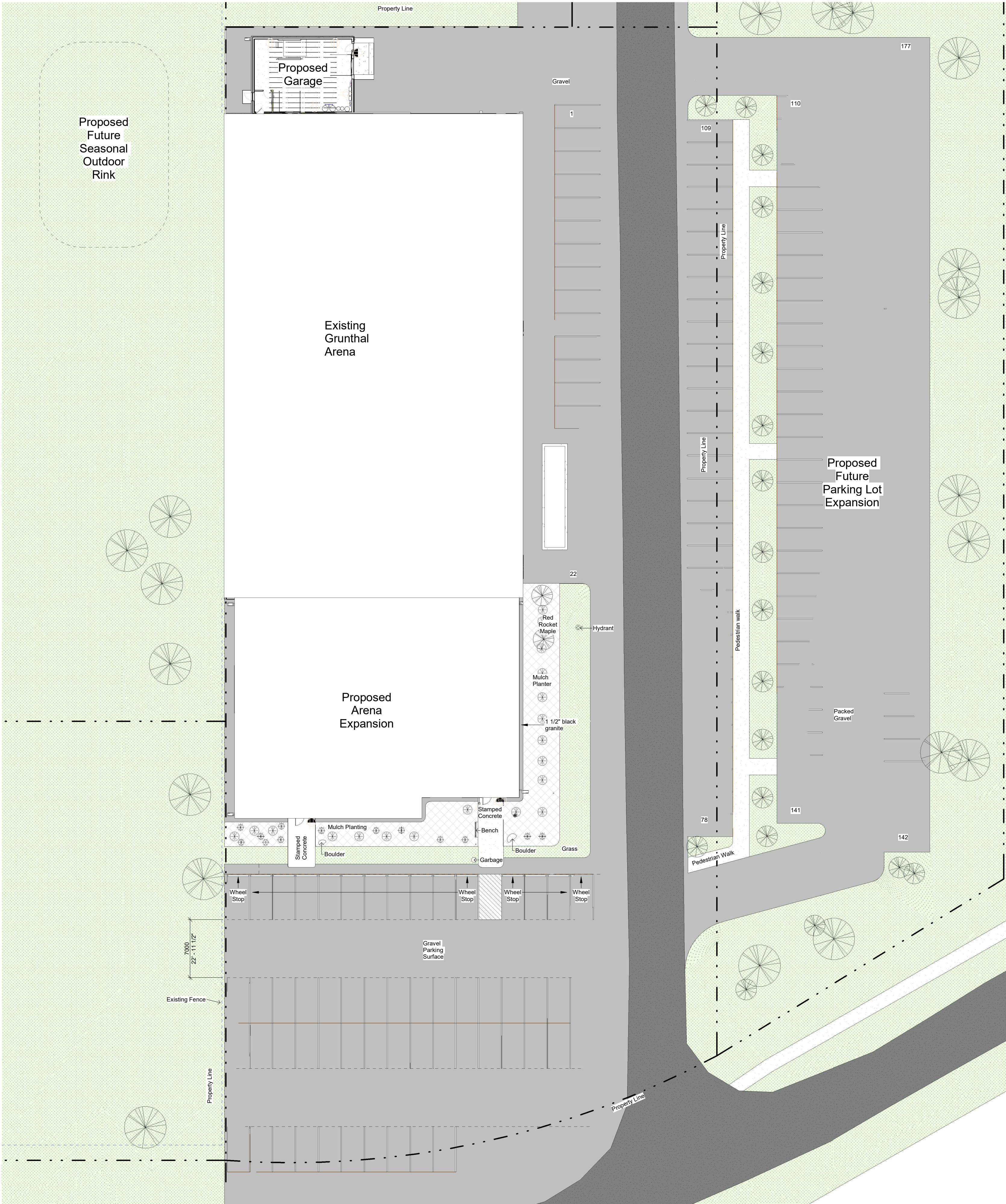
PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
SITE PLAN

SCALE
PROJECT NUMBER
DRAWN BY

1 : 300
2024.01200
Author

AS-101



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PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
LANDSCAPE PLAN

SCALE
PROJECT NUMBER
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2024.01200
Author

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CONSULTANTS

GENERAL NOTES

01 - Area Schedule (Gross Building)

NAME	AREA	AREA SQ.FT.
EXISTING ARENA	2054 m²	22112.966783
PROPOSED NORTH GARAGE AND ICE PLANT EXTENSION	116 m²	1249.966715
PROPOSED SOUTHERN EXTENSION	870 m²	9367.597688
TOTAL	Not Placed	

LIFE SAFETY LEGEND

XXX	DISTRIBUTION OF OCCUPANT
XXX	DOOR CAPACITY
XXX	STAIR CAPACITY
XX	OCCUPANT LOAD
---	PATH OF TRAVEL
---	HATCH INDICATES WALLS WITH A 0 HOUR SMOKE SEPERATION
---	HATCH INDICATES WALLS WITH A 3/4 HOUR FIRE RATING
---	HATCH INDICATES WALLS WITH A 1 HOUR FIRE RATING
---	HATCH INDICATES WALLS WITH A 2.0 HOUR FIRE RATING

NOTE: PROVIDE SIX (6) TEMPORARY WASHROOMS DURING THE CONSTRUCTION OF PHASE 1 OF THE PROJECT. ONE OF THE WASHROOMS IS TO BE BARRIER-FREE.

Occupancy by Program Area:

Estimated Spectator Seating: 318 persons (450mm/person)

Garage: 1 person

Viewing Area: 74 persons (fixed seats)

Hall: 159m² / 0.4 = 397 persons (standing space)

MPR: 33m²/0.95 = 34 persons (non-fixed seats and tables)

Change Rooms: 100 persons (4 teams + ref and coaches)

Kitchen: 27.58m²/9.3m = 3 persons

Total Occupancy by Area: 927

Occupancy by Door Capacity
8502mm/6.1 = 1066 persons

Occupancy by Washroom Count

New Public W/C Count: 6

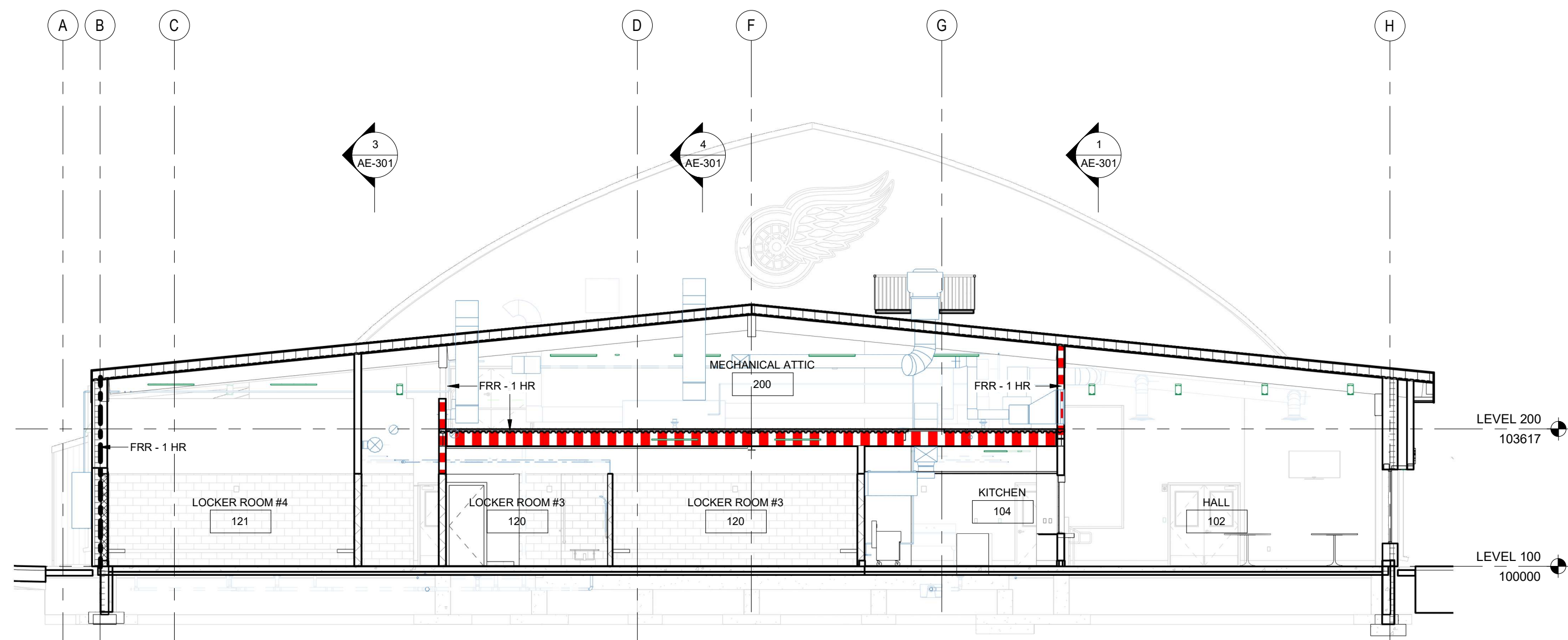
PLUS 6 New Change Room W/C

PLUS 5 Existing W/C

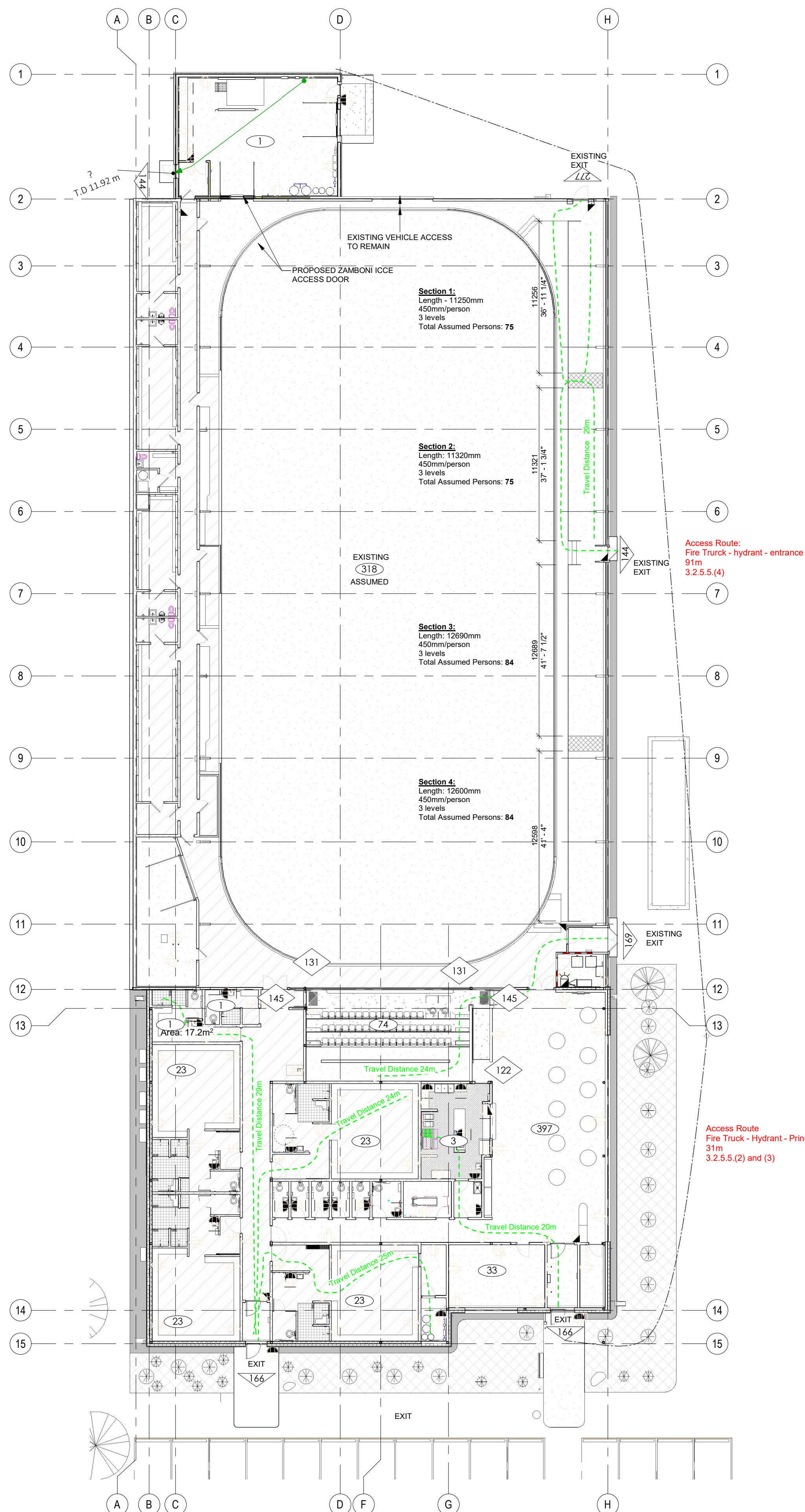
Total W/C: 17 (5 male, 11 female)

1 UTR, 4 BF stalls

Total Occupancy by W/C Count: 700 persons



2 BUILDING SECTION - LS
AC-100 1 : 100



1 LEVEL 100 - EXITS
AC-100 1 : 200

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH

PERMIT / STAMP



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RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

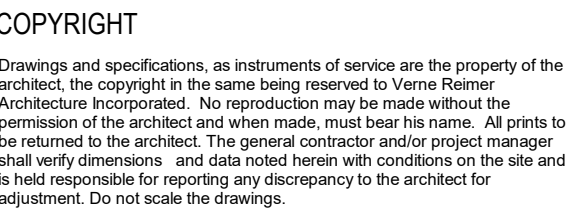
TITLE

LIFE SAFETY PLAN

SCALE
PROJECT NUMBER
DRAWN BY

As indicated
2024.01200
Author

AC-100



GENERAL NOTES



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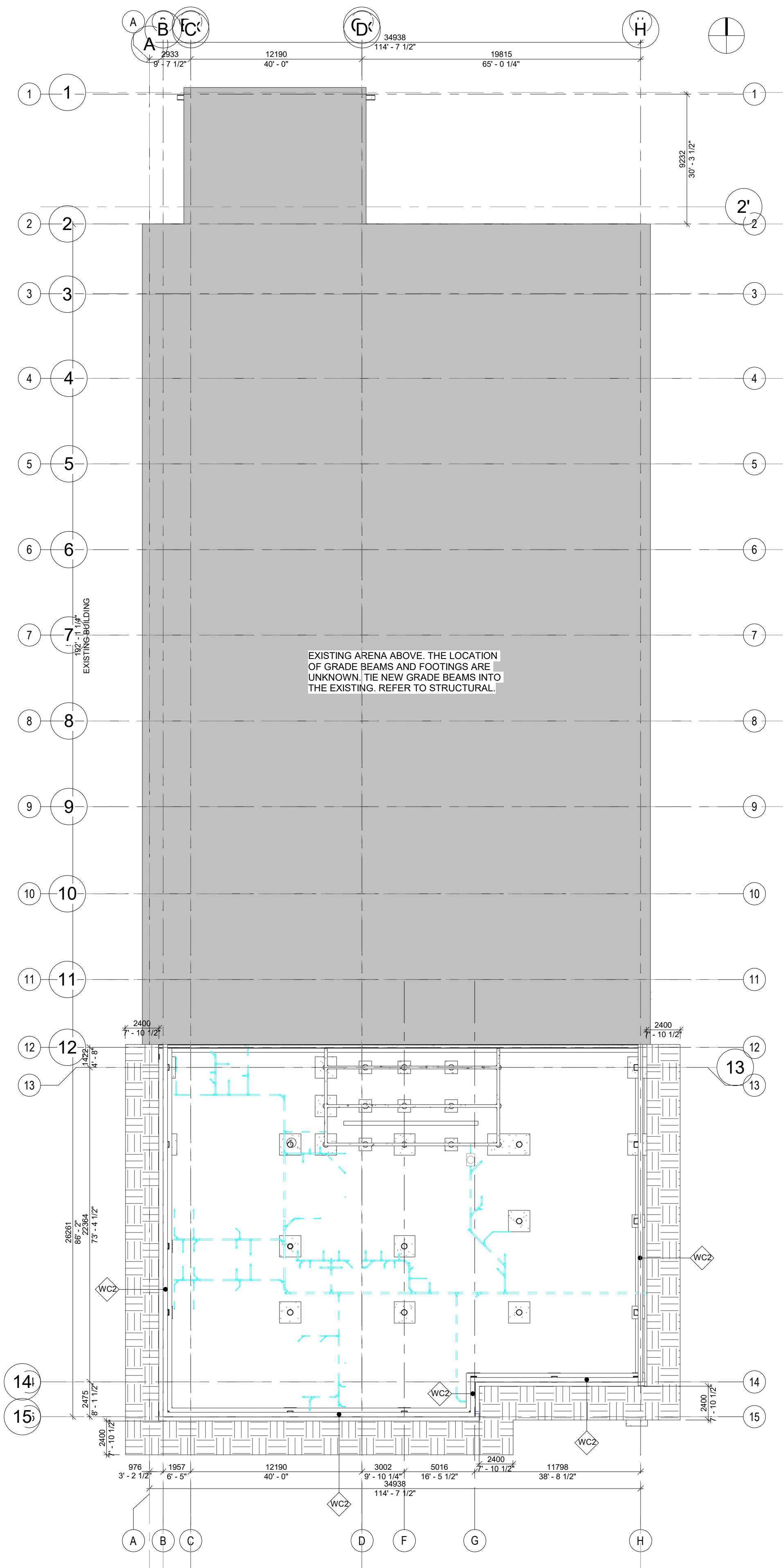


FORM OF HANOVER

PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
DEMO & REMEDIAL FLOOR
PLAN
SCALE 1" = 15'-0"
PROJECT NUMBER 2024.01200
DRAWN BY Author

AD-100



1 FOUNDATION PLAN
AE-100 1 : 200

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1	2026.06.03	ISSUED FOR TENDER/PERMIT
REV	DATE	DESCRIPTION

PROJECT NORTH

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RM OF HANOVER

PROJECT NAME & ADDRESS
GRUNTAL ARENA EXPANSION
GRUNTAL, MB

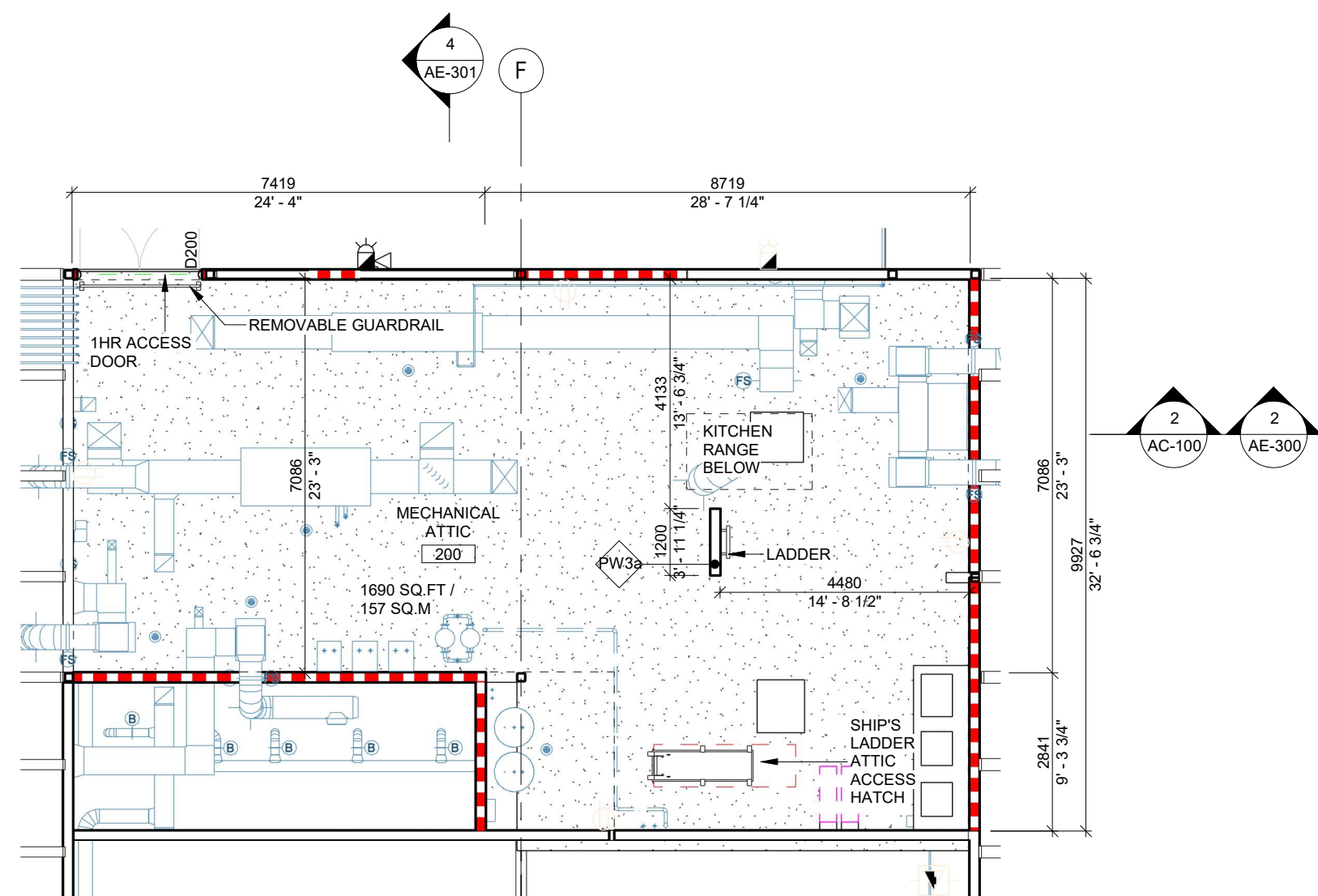
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FOUNDATION PLAN

SCALE
PROJECT NUMBER
DRAWN BY

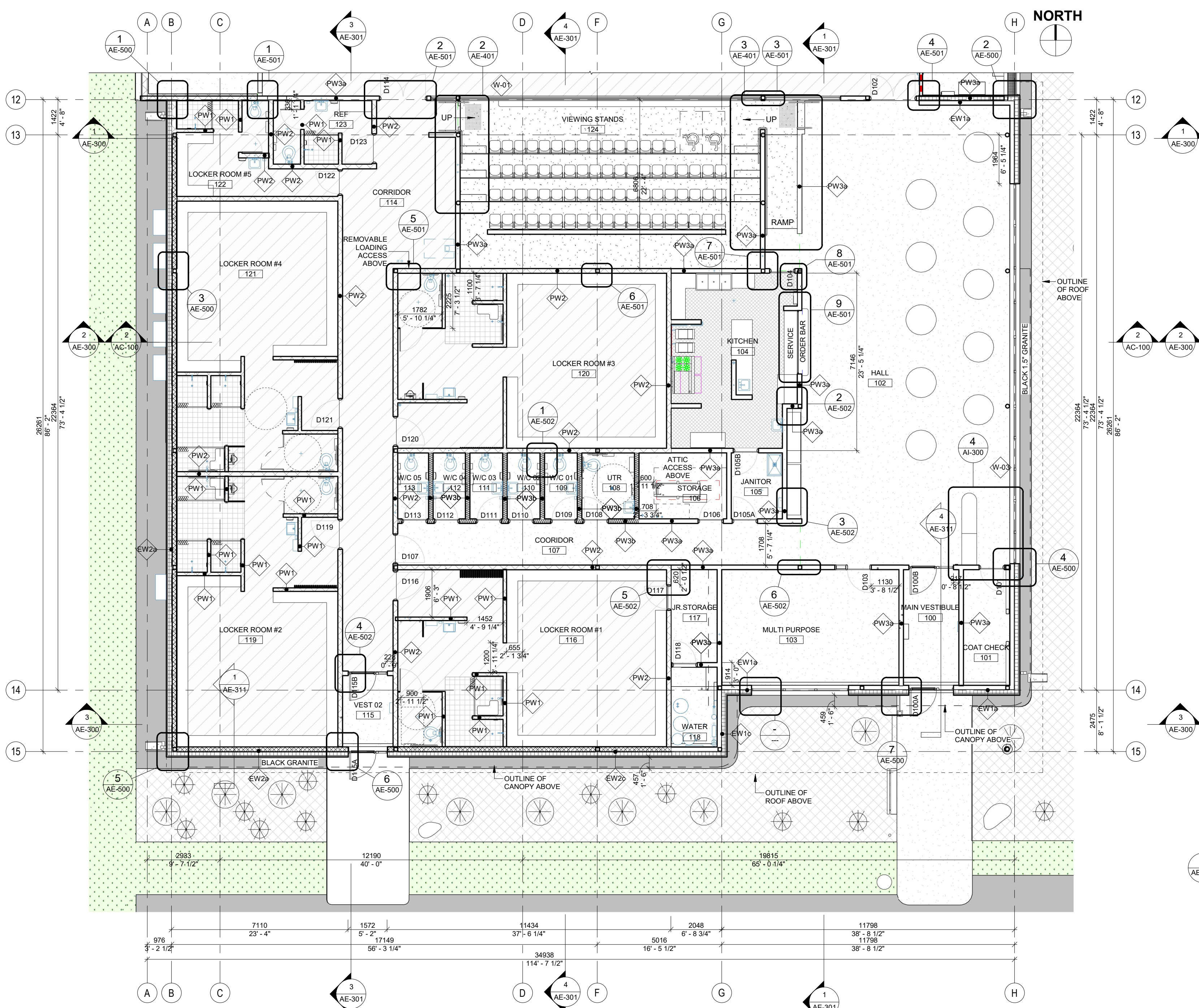
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2024.01200
Author

AE-100

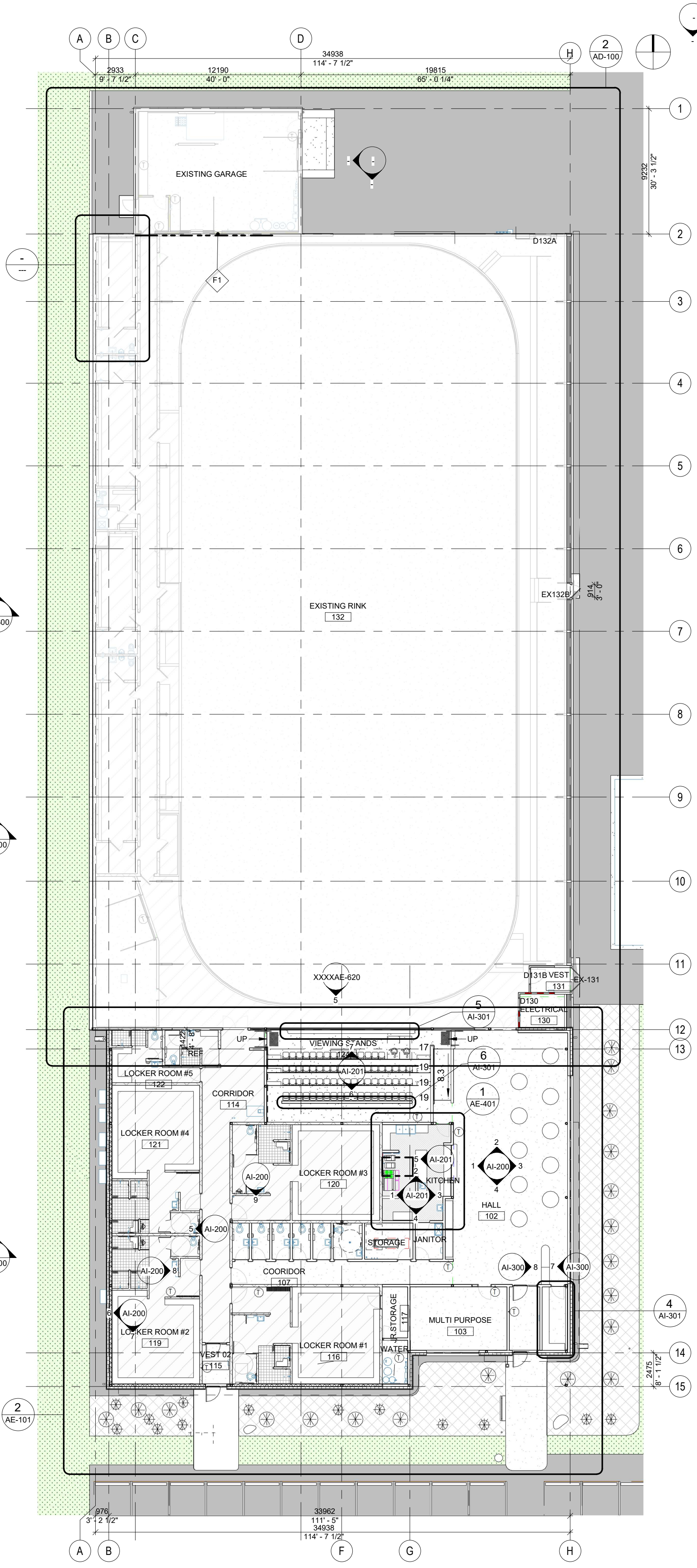
01 - Area Schedule (Gross Building)		
NAME	AREA	AREA SQ. FT.
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PROPOSED SOUTHERN EXTENSION	870 m²	9367.597688
TOTAL	Not Placed	



MECHANICAL ATTIC
1 : 100



ENLARGED FLOOR PLAN 1
1 : 100



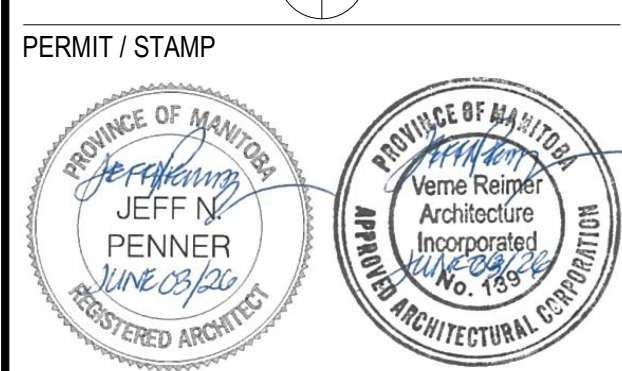
LEVEL 100
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GENERAL NOTES

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1	2026.06.03	ISSUED FOR TENDER/PERMIT



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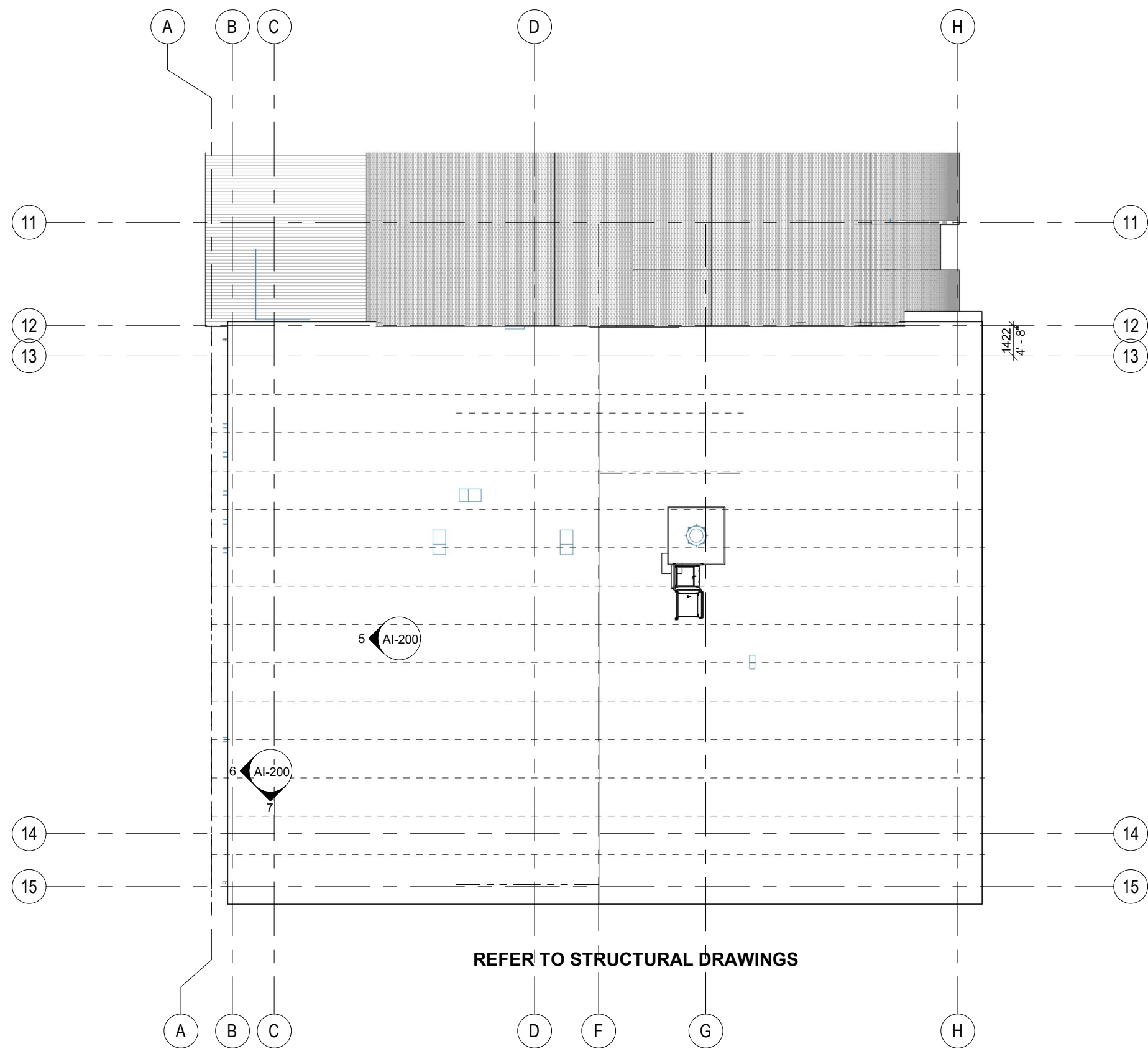
PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
FLOOR PLAN

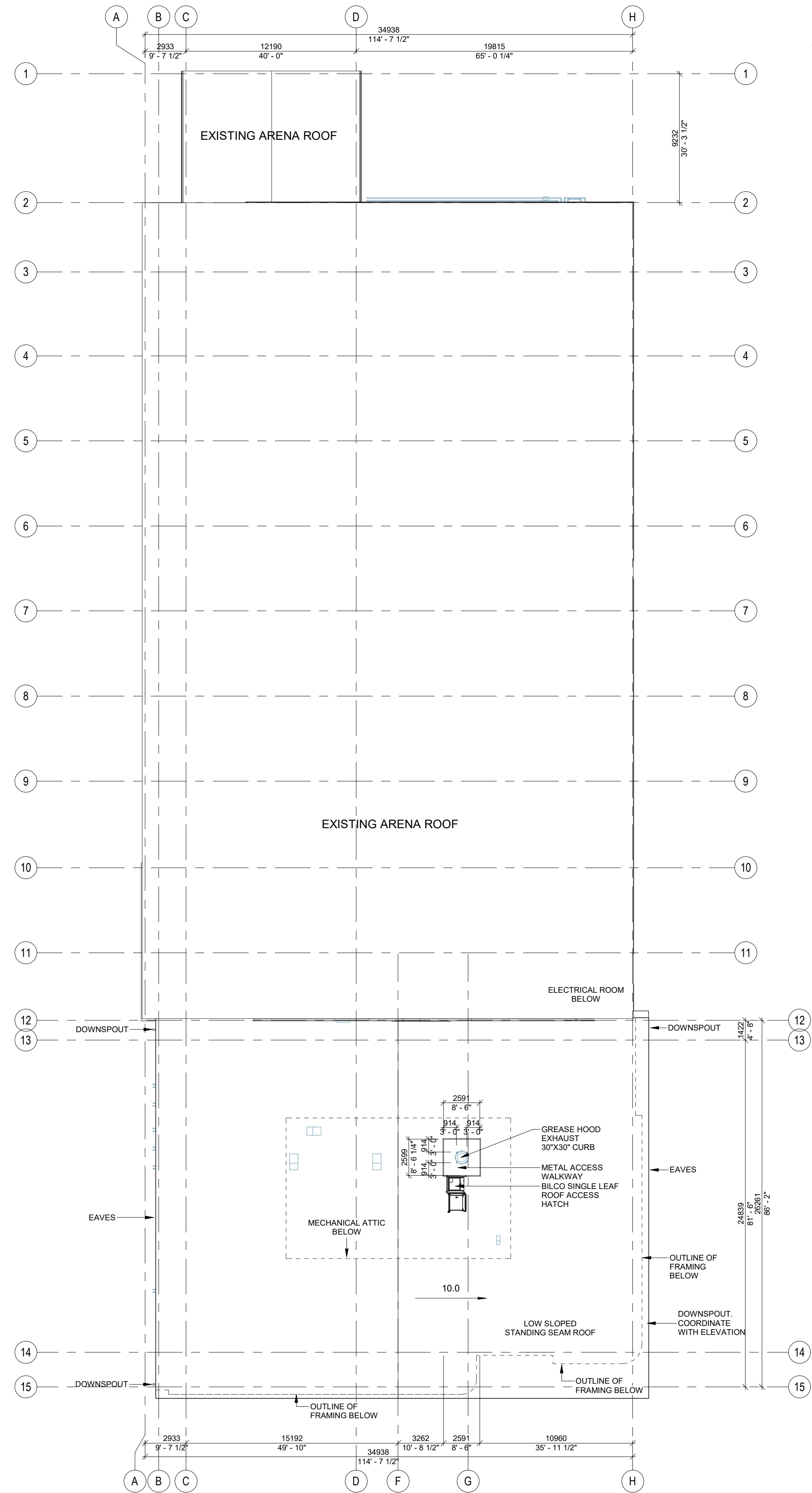
SCALE
PROJECT NUMBER
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AE-101



2 ROOF STUCTURE
AE-102 1 : 200



1 ROOF PLAN
AE-102 1 : 200

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GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

ROOF PLAN

SCALE
PROJECT NUMBER
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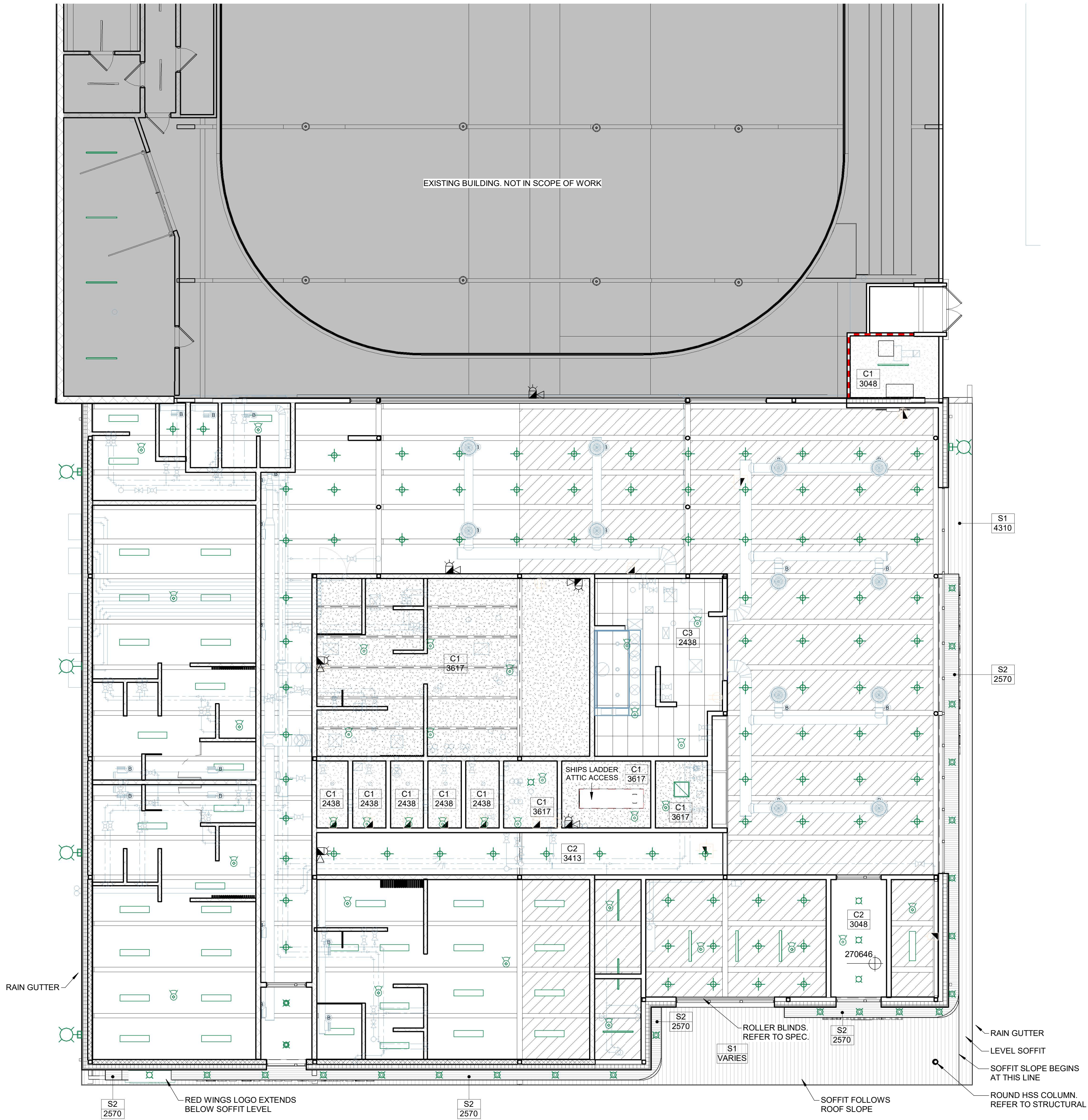
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Author

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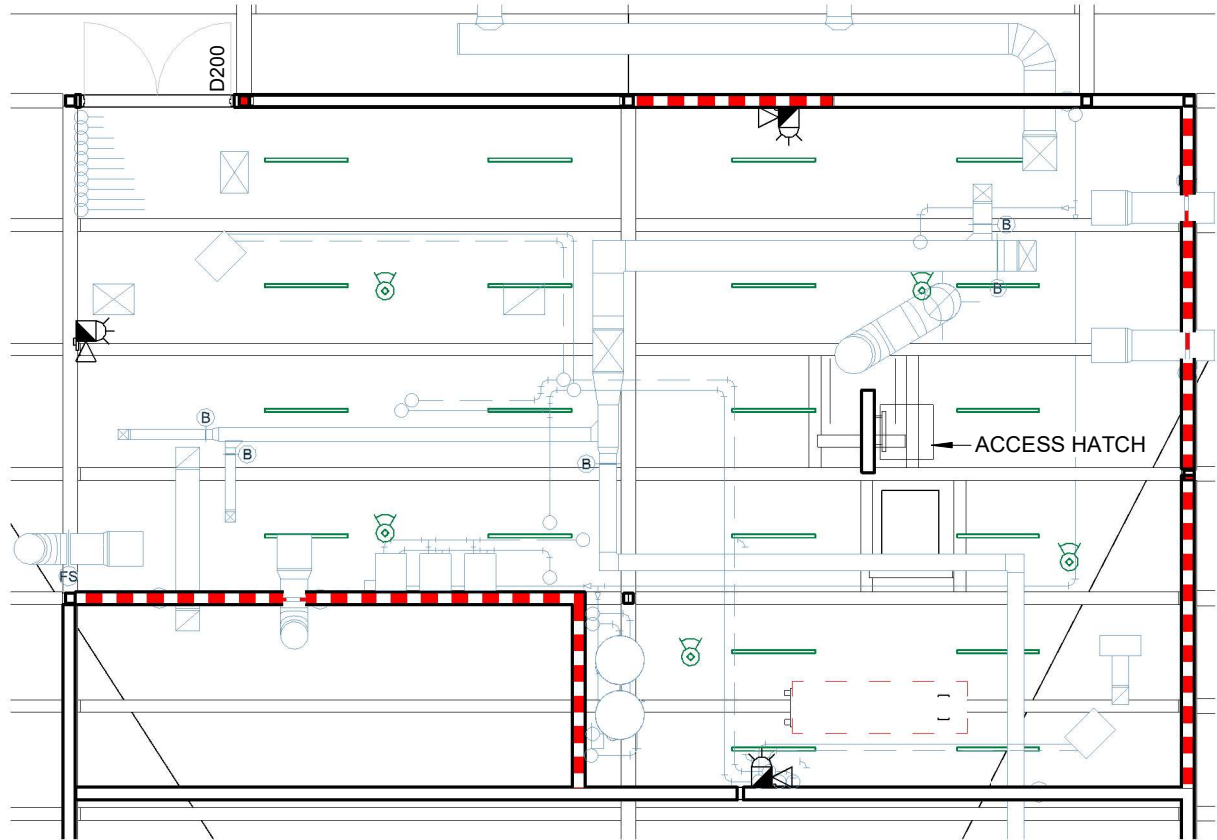
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GENERAL NOTES



1
AE-150
LEVEL 100 REFLECTED CEILING PLAN
1 : 100

REFLECTED CEILING PLAN LEGEND	
INTERIOR CEILING TYPES	
	EXPOSED CEILING - ACOUSTIC DECK COLOUR BY OWNER/ARCHITECT
	C1 - GYPSUM BOARD CEILING. COLOUR BY OWNER/ARCHITECT
	C2 - FIRE-RATED GYPSUM BOARD CEILING. COLOUR BY OWNER/ARCHITECT
	C3 - CLEANABLE CEILING TILE
EXTERIOR SOFFIT LEGENDS	
	PREFINISHED VENTED METAL SOFFIT - COLOUR BY OWNER/ARCHITECT
	S2 - TRESPA PANEL - RED TO COLOUR MATCH



2
AE-150
LEVEL 200
1 : 100

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH

PERMIT / STAMP



OWNER
RM OF HANOVER

PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
FLOOR PLAN RCP

SCALE
PROJECT NUMBER
DRAWN BY

1 : 100
2024.01200
Author

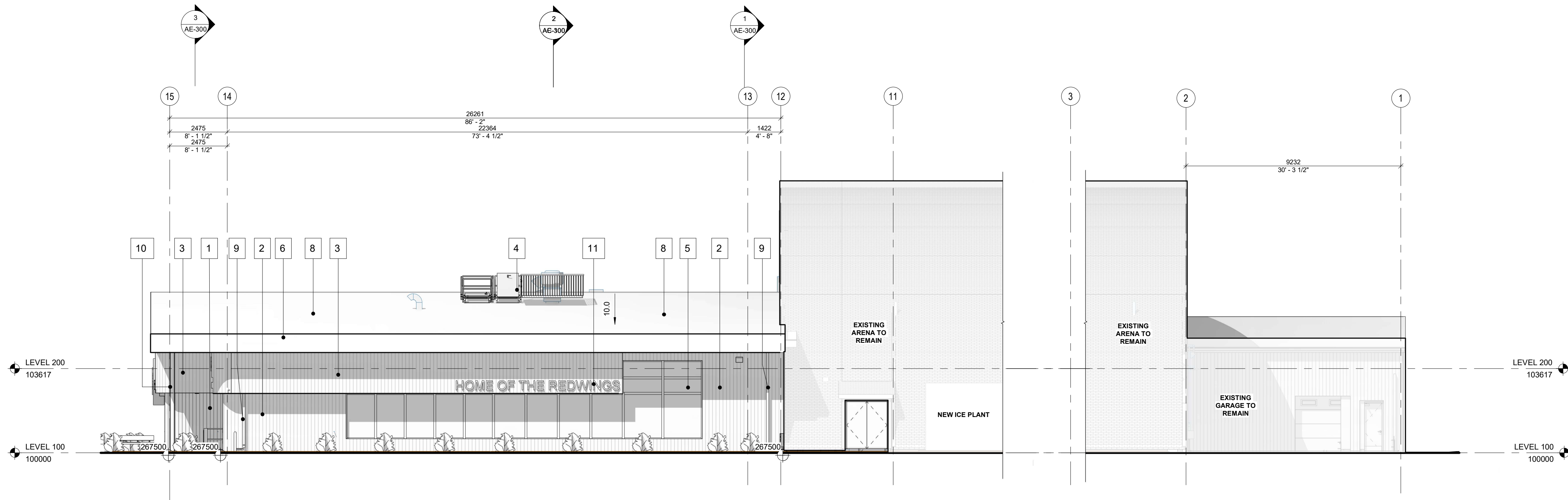
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GENERAL NOTES

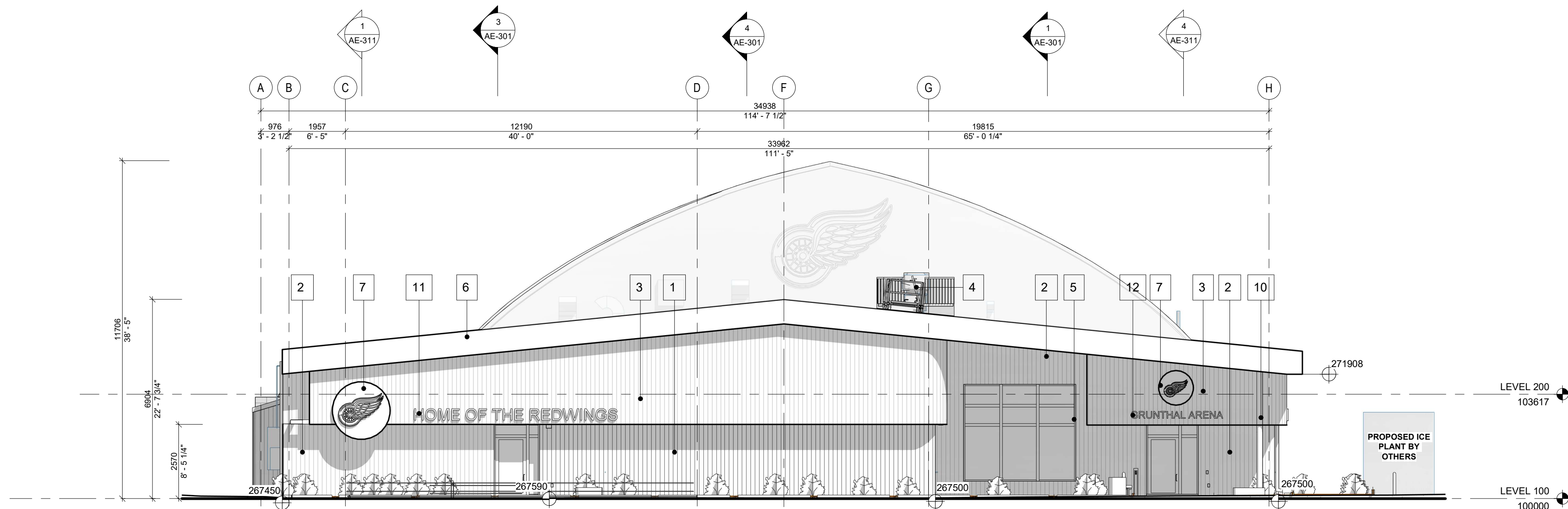


EAST ELEVATION

2
AE-200
1 : 100

EXTERIOR FINISHES LEGEND

- METAL PANEL - HORIZONTAL
WESTMAN STEEL - WS279/ 22ga
Tile Red
- METAL PANEL - VERTICAL
WESTMAN STEEL - WS279/ 22ga
Op1.Sepia Brown QC 60041 // Op.2 Jet Black QC60039
- METAL PANEL - VERTICAL
WESTMAN STEEL - ELITE RIB / 22ga
Cambridge White QC18695
- MECHANICAL SCREEN
Jet Black QC60039
- FIBERGLASS WINDOW - BLACK FRAMED
RED TRESPA, SILL AND JAM EXTENSION
- METAL PANEL - VERTICAL
WESTMAN STEEL - WS279 / 22ga / Black
- REDWINGS SIGNAGE - RED & WHITE
- STANDING SEAM LOW SLOPE METAL ROOF
- METAL DOOR PAINTED SATIN BLACK
- EXPOSED STRUCTURAL STEEL - RED
- 16" BACK LIT CHANNEL LETTER
RED POWDER COAT ALUMINIUM
- 10" BACK LIT CHANNEL LETTER
RED POWDER COAT ALUMINIUM



SOUTH ELEVATION

1
AE-200
1 : 100

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH

PERMIT / STAMP



OWNER

RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

EXTERIOR ELEVATIONS

SCALE
PROJECT NUMBER
DRAWN BY

1 : 100
2024.01200
Author

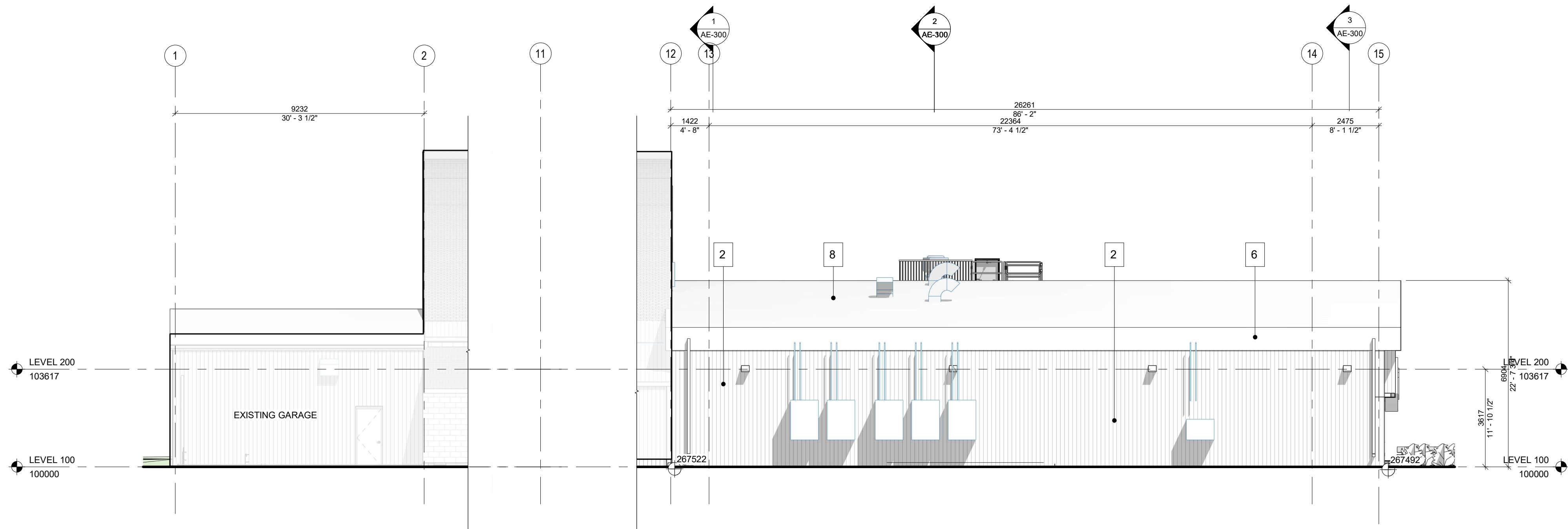
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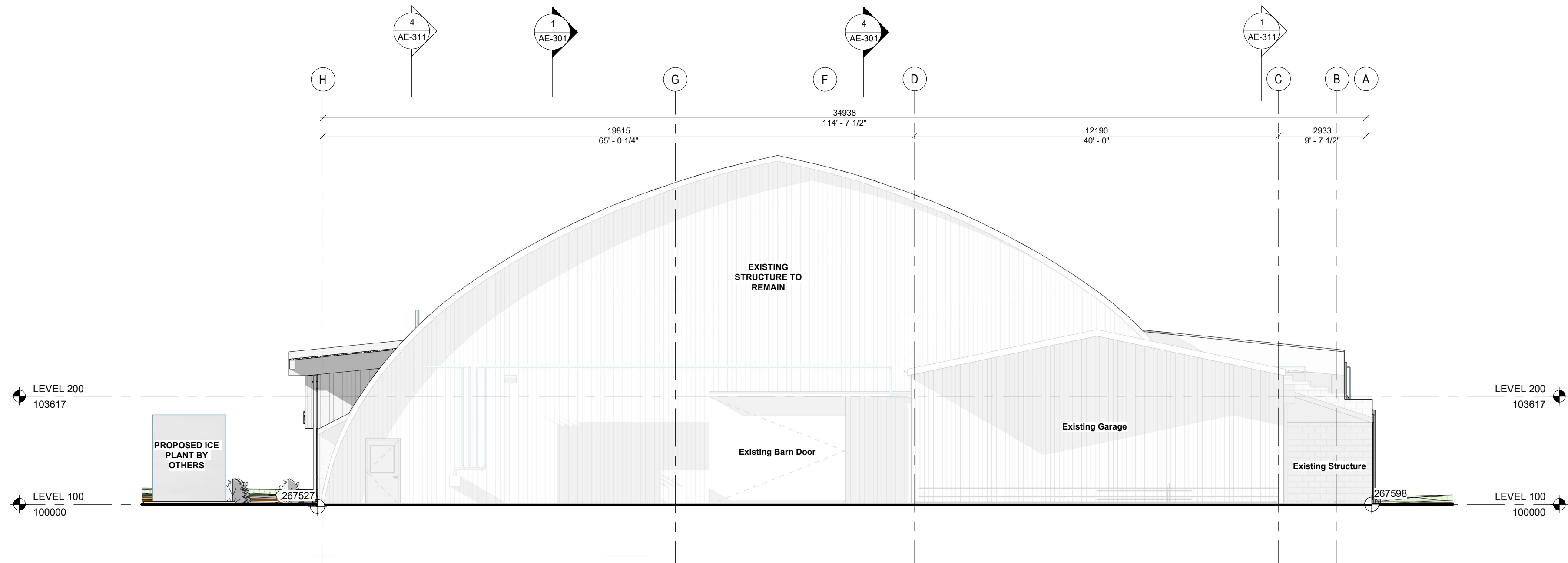
GENERAL NOTES



2 WEST ELEVATION
AE-201 1 : 100

EXTERIOR FINISHES LEGEND

- METAL PANEL - HORIZONTAL
WESTMAN STEEL - WS279/ 22ga
Tile Red
- METAL PANEL - VERTICAL
WESTMAN STEEL - WS279/ 22ga
Op1.Sepia Brown QC 60041 // Op.2 Jet Black QC60039
- METAL PANEL - VERTICAL
WESTMAN STEEL - ELITE RIB / 22ga
Cambridge White QC18695
- MECHANICAL SCREEN
Jet Black QC60039
- FIBERGLASS WINDOW - BLACK FRAMED
RED TRESPA, SILL AND JAM EXTENSION
- METAL PANEL - VERTICAL
WESTMAN STEEL - WS279 / 22ga / Black
- REDWINGS SIGNAGE - RED & WHITE
- STANDING SEAM LOW SLOPE METAL ROOF
- METAL DOOR PAINTED SATIN BLACK
- EXPOSED STRUCTURAL STEEL - RED
- 16" BACK LIT CHANNEL LETTER
RED POWDER COAT ALUMINIUM
- 10" BACK LIT CHANNEL LETTER
RED POWDER COAT ALUMINIUM



1 NORTH ELEVATION
AE-201 1 : 100

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH

PERMIT / STAMP



OWNER

RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTAL ARENA EXPANSION
GRUNTAL, MB

TITLE

EXTERIOR ELEVATIONS 2

SCALE
PROJECT NUMBER
DRAWN BY

1 : 100
2024.01200
Author

AE-201

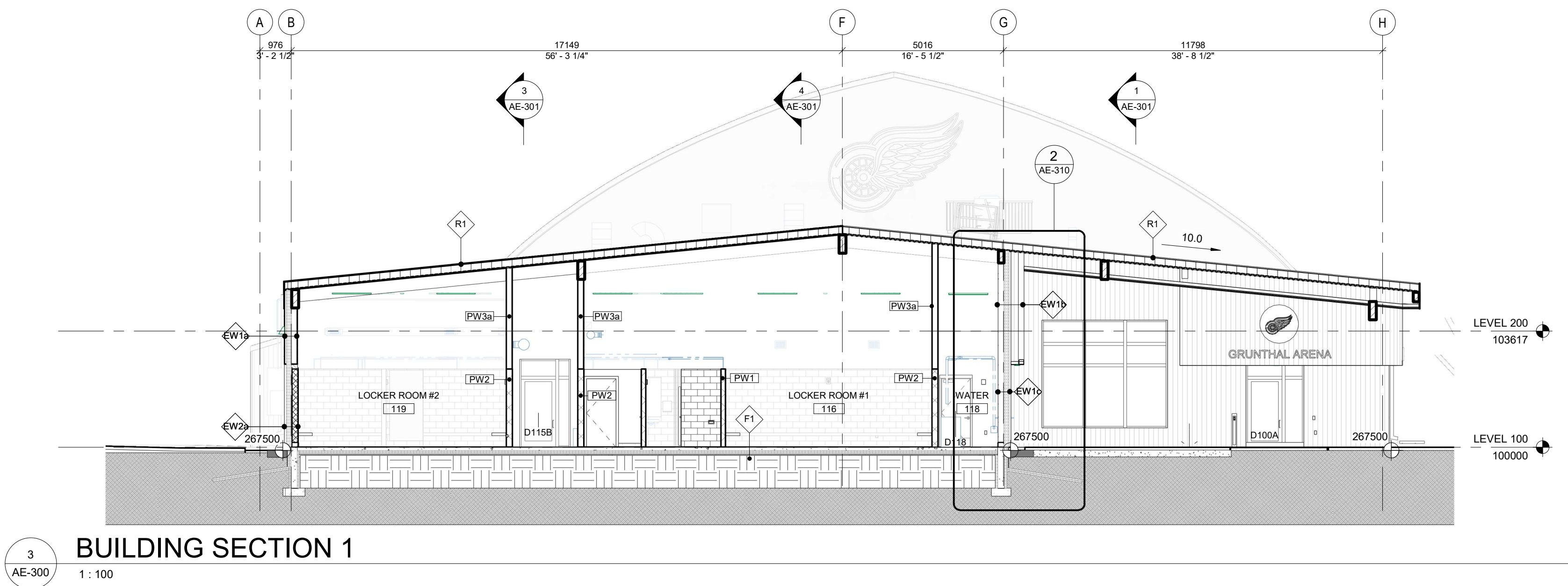
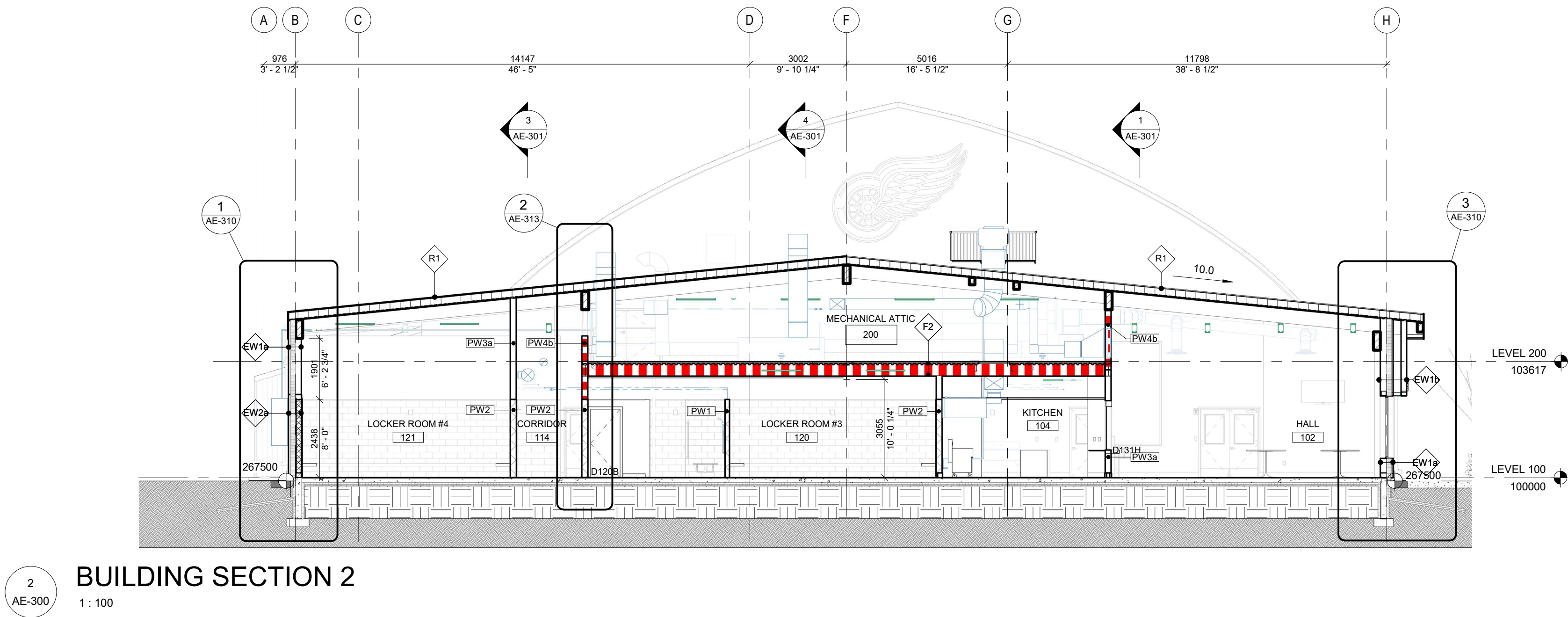
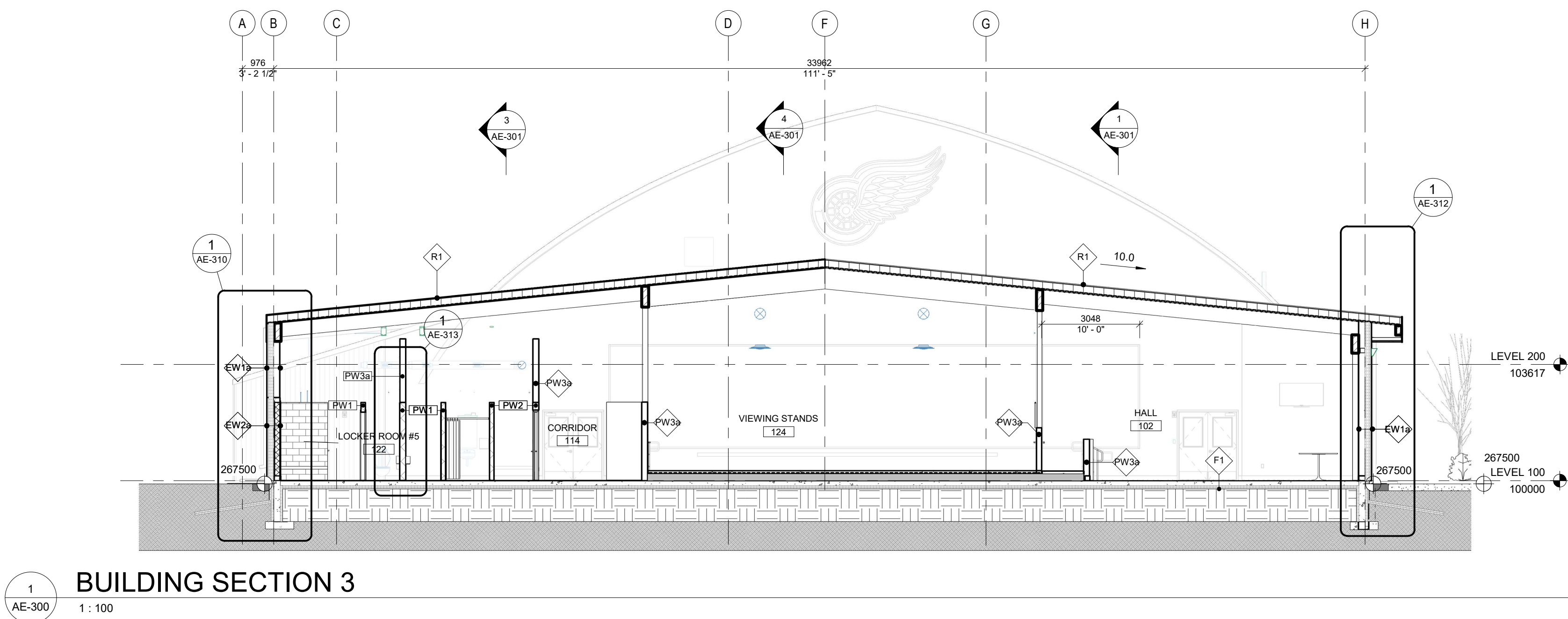
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GENERAL NOTES

1. LIGHTING FIXTURE REFER TO INTERIOR DESIGN AND ELECTRICAL DRAWINGS.
2. MECHANICAL EQUIPMENT DUCTS AND PIPING REFER TO MECHANICAL DRAWINGS.



REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH

PERMIT / STAMP



OWNER

RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

BUILDING SECTIONS

SCALE

PROJECT NUMBER
DRAWN BY

1 : 100

2024.01200
Author

AE-300

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CONSULTANTS

GENERAL NOTES

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH

PERMIT / STAMP



OWNER

RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

BUILDING SECTIONS 2

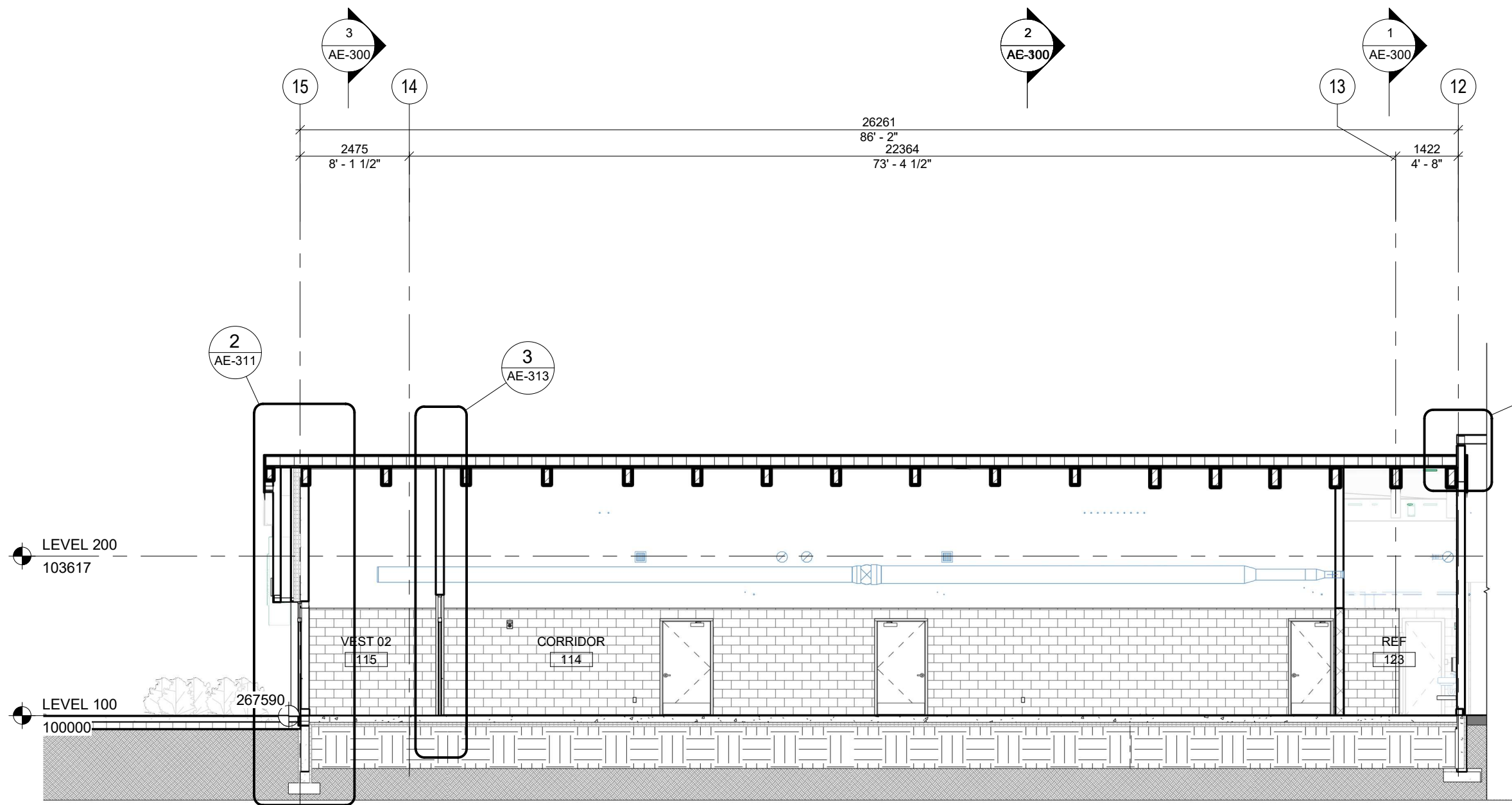
SCALE

PROJECT NUMBER
DRAWN BY

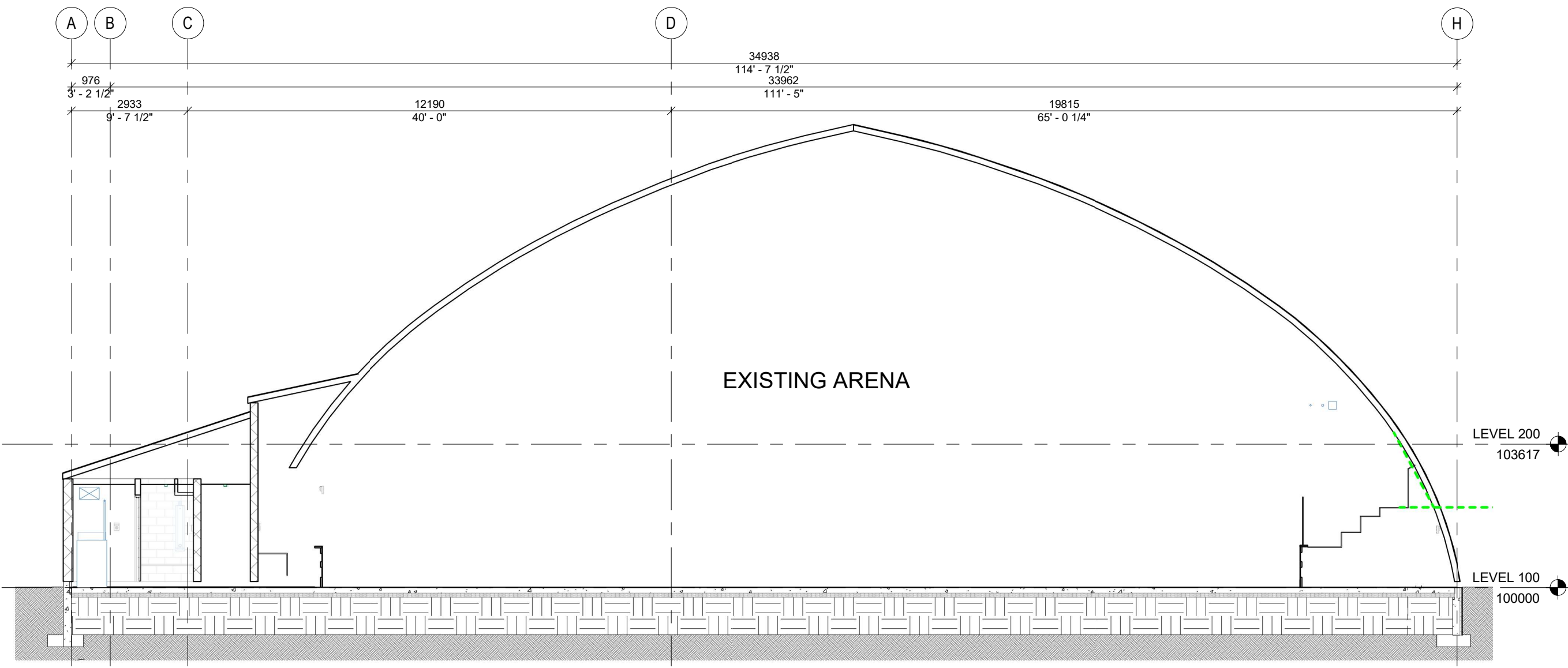
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2024.01200
Author

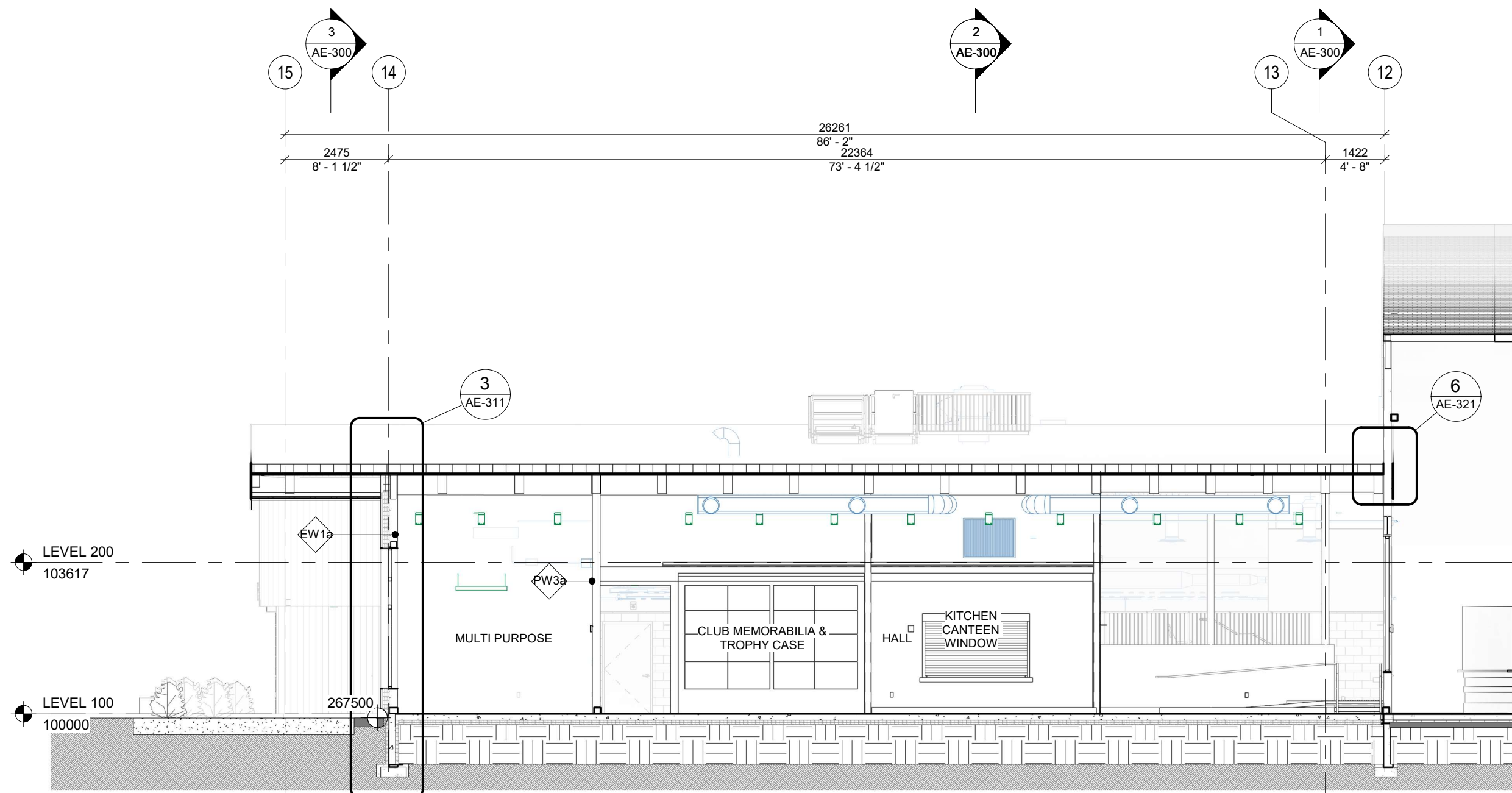
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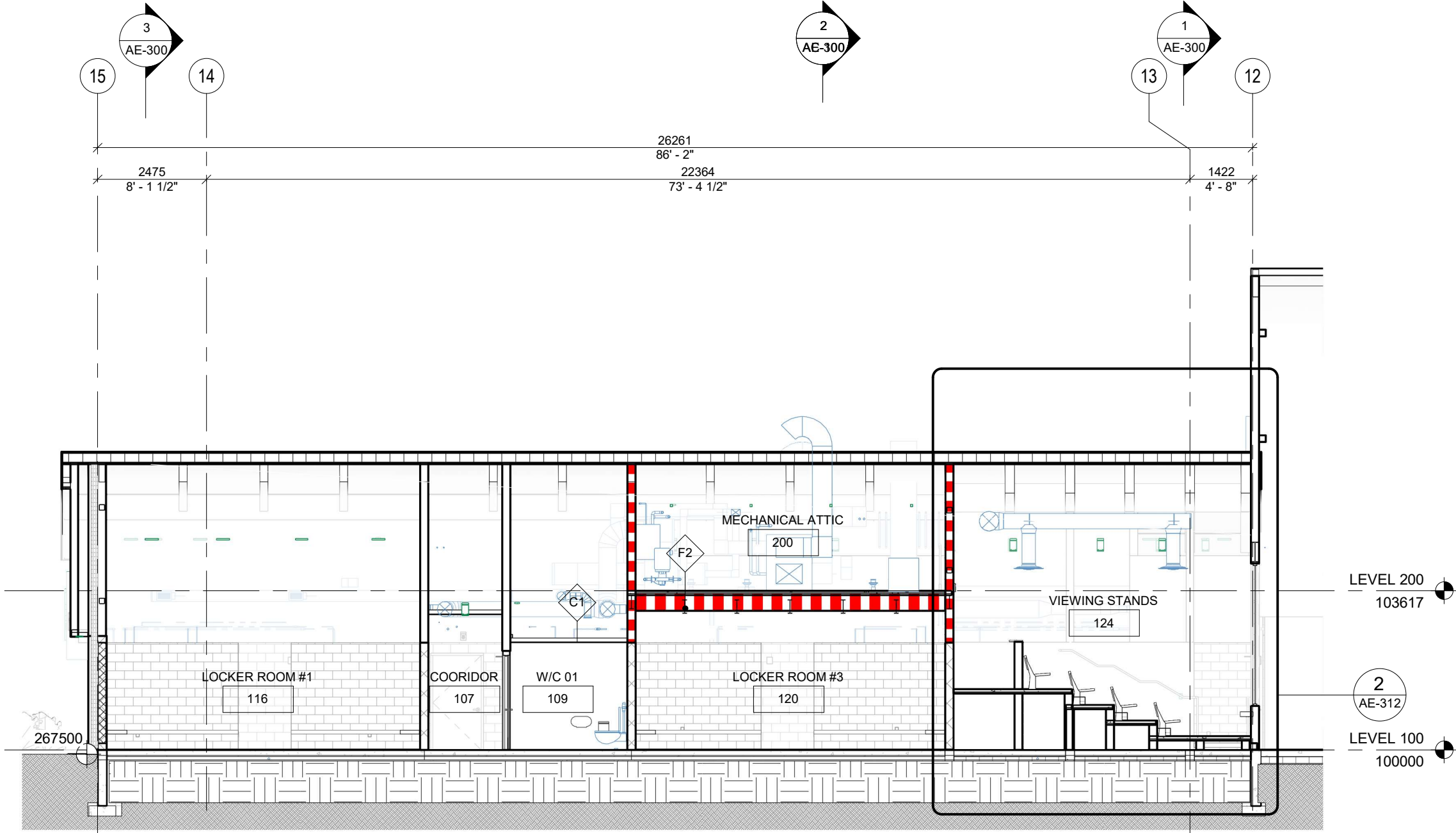
3 BUILDING SECTION 5
AE-301 1 : 100



2 BUILDING SECTION 6
AE-301 1 : 100



1 BUILDING SECTION 7
AE-301 1 : 100



4 BUILDING SECTION 8
AE-301 1 : 100

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CONSULTANTS

GENERAL NOTES

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02 USE THE FOLLOWING COLORS FOR PAINTING:
COLOR A -
COLOR B -
COLOR C -

LEGEND

- WATERPROOFING BARRIER (FOR FOUNDATIONS)
AIR/VAPOR BARRIER MEMBRANE
PRE-FINISHED METAL FLASHING
FOUNDATION WATERPROOFING MEMBRANE
WATER RESISTIVE BARRIER
LIGHTING FIXTURE. REFER TO INTERIOR DESIGN AND ELECTRICAL DRAWINGS.
MECHANICAL EQUIPMENT DUCTS AND PIPING. REFER TO MECHANICAL DRAWINGS.

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		PROJECT NORTH

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PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

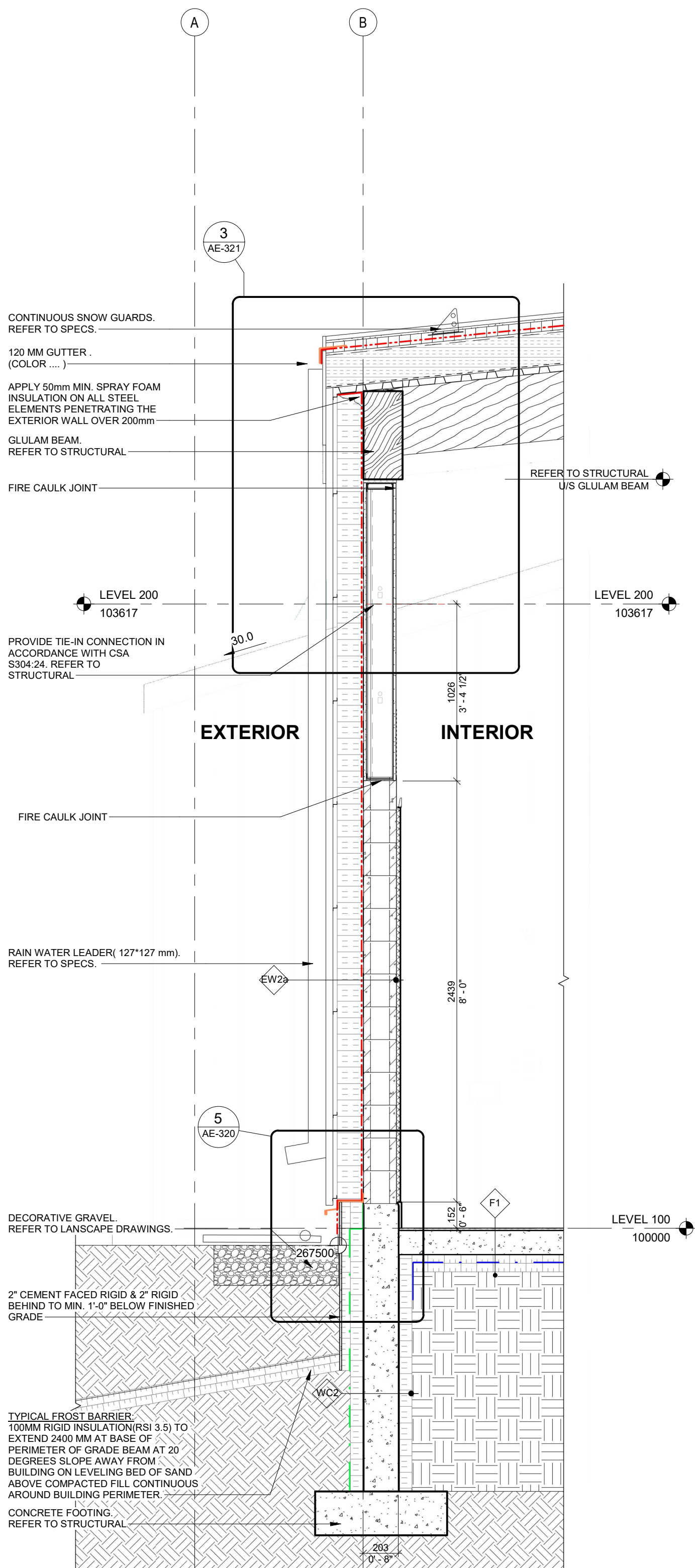
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WALL SECTIONS

SCALE
PROJECT NUMBER
DRAWN BY

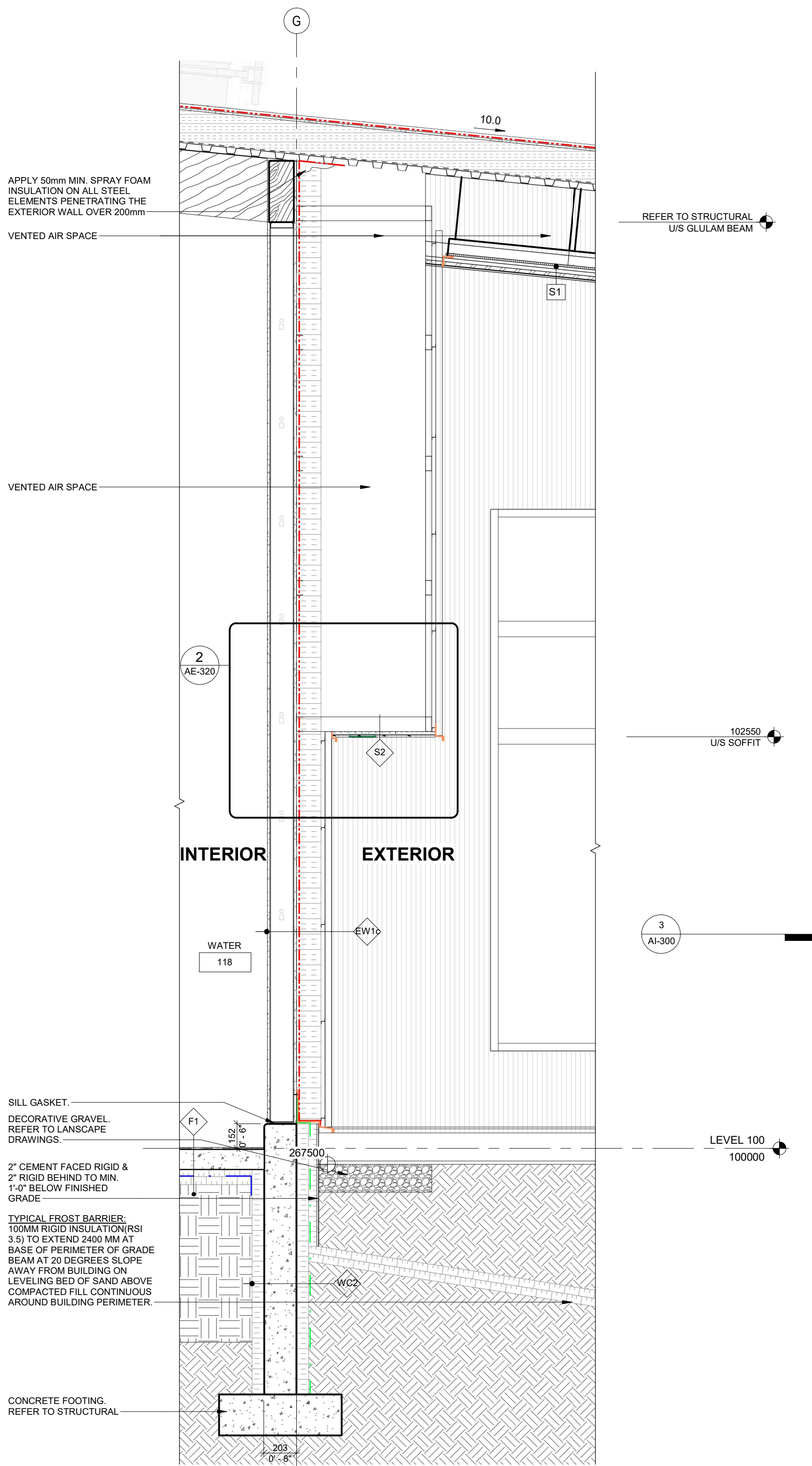
As indicated
2024.01200
Author

AE-310



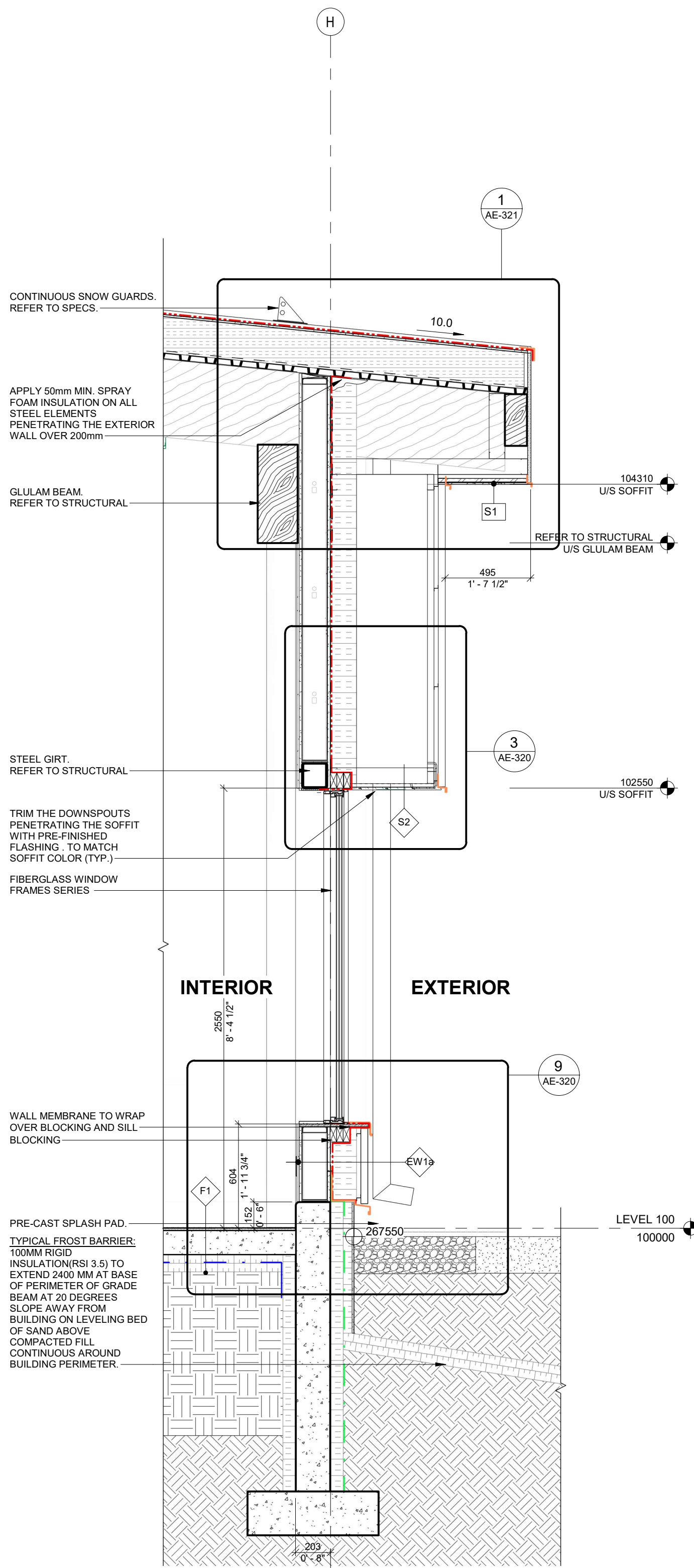
1 TYP. WEST WALL 1HR

1 : 20



2 EXT.WALL W/CANOPY

1 : 20



3 TYP. EXTERIOR WALL SLOPE ROOF

1 : 20

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COLOR B -
COLOR C -

LEGEND

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AIR/VAPOUR BARRIER MEMBRANE
PRE-FINISHED METAL FLASHING
FOUNDATION WATERPROOFING MEMBRANE
WATER RESISTIVE BARRIER
LIGHTING FIXTURE, REFER TO INTERIOR DESIGN AND ELECTRICAL DRAWINGS.
MECHANICAL EQUIPMENT DUCTS AND PIPING, REFER TO MECHANICAL DRAWINGS.

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH

PERMIT / STAMP



OWNER

RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

WALL SECTIONS 2

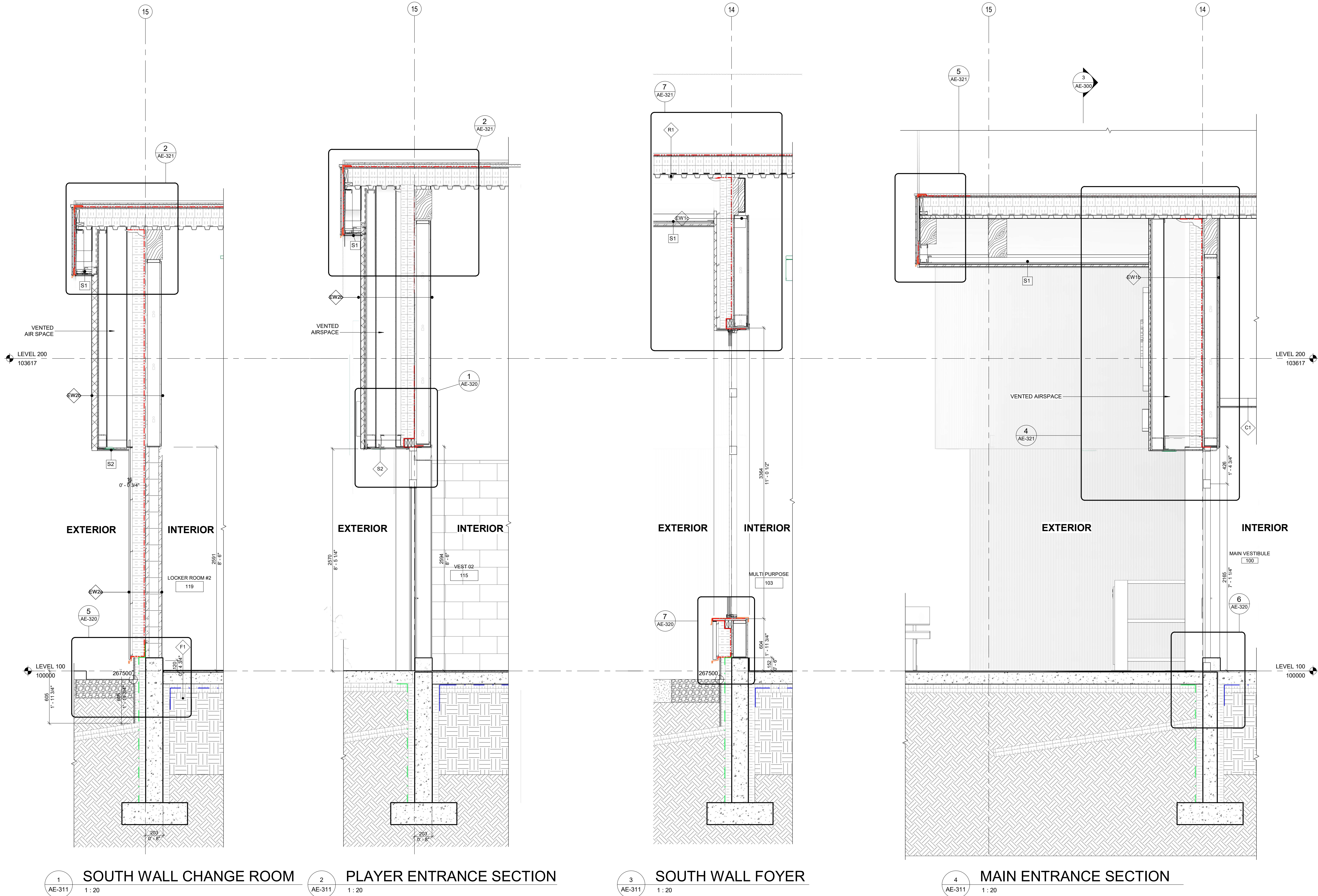
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PROJECT NUMBER
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Author

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COLOR B -
COLOR C -

LEGEND

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AIR/VAPOUR BARRIER MEMBRANE
PRE-FINISHED METAL FLASHING
FOUNDATION WATERPROOFING MEMBRANE
WATER RESISTIVE BARRIER
LIGHTING FIXTURE. REFER TO INTERIOR DESIGN AND ELECTRICAL DRAWINGS.
MECHANICAL EQUIPMENT DUCTS AND PIPING. REFER TO MECHANICAL DRAWINGS.

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH

PERMIT / STAMP



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RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

WALL SECTIONS 3

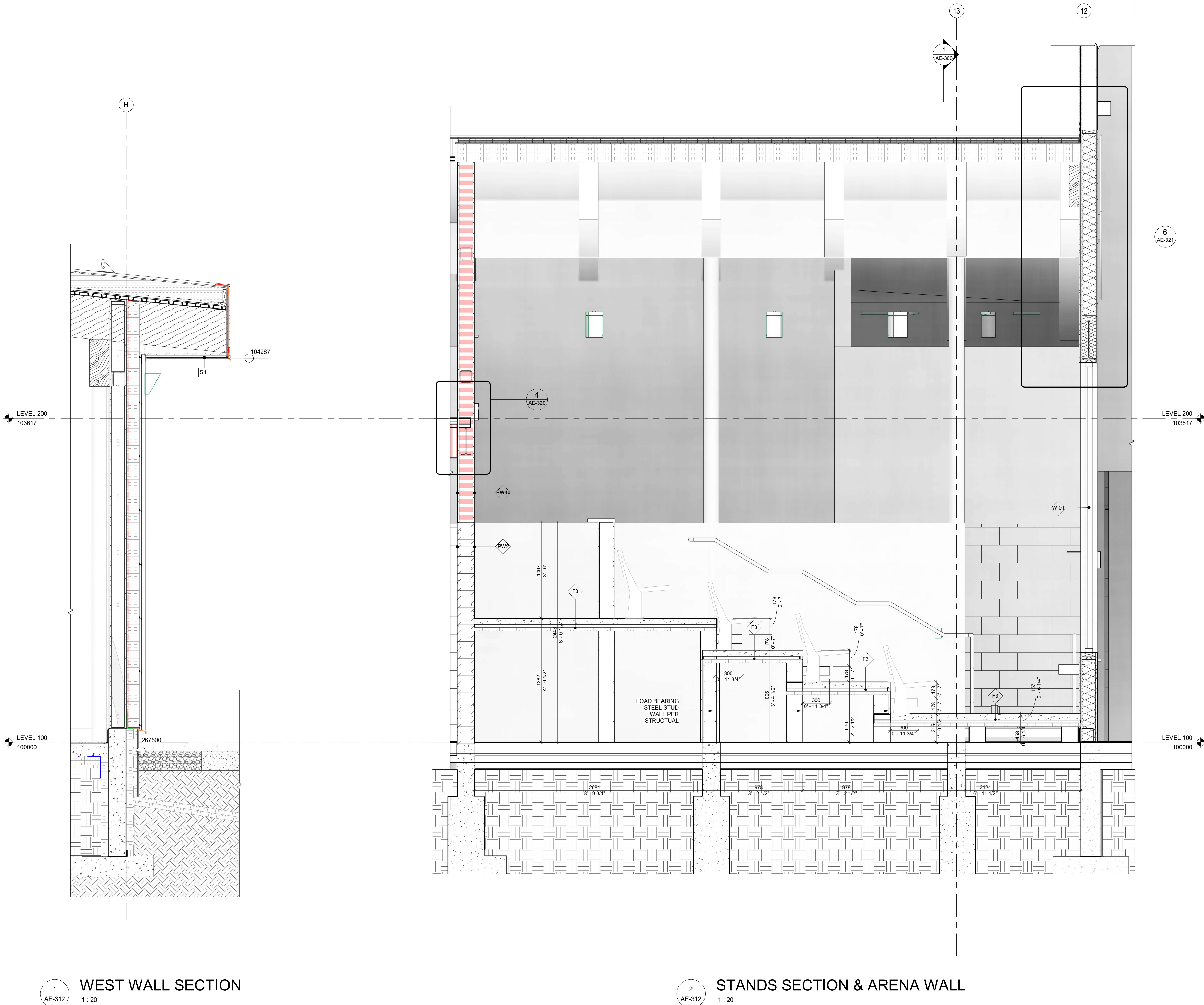
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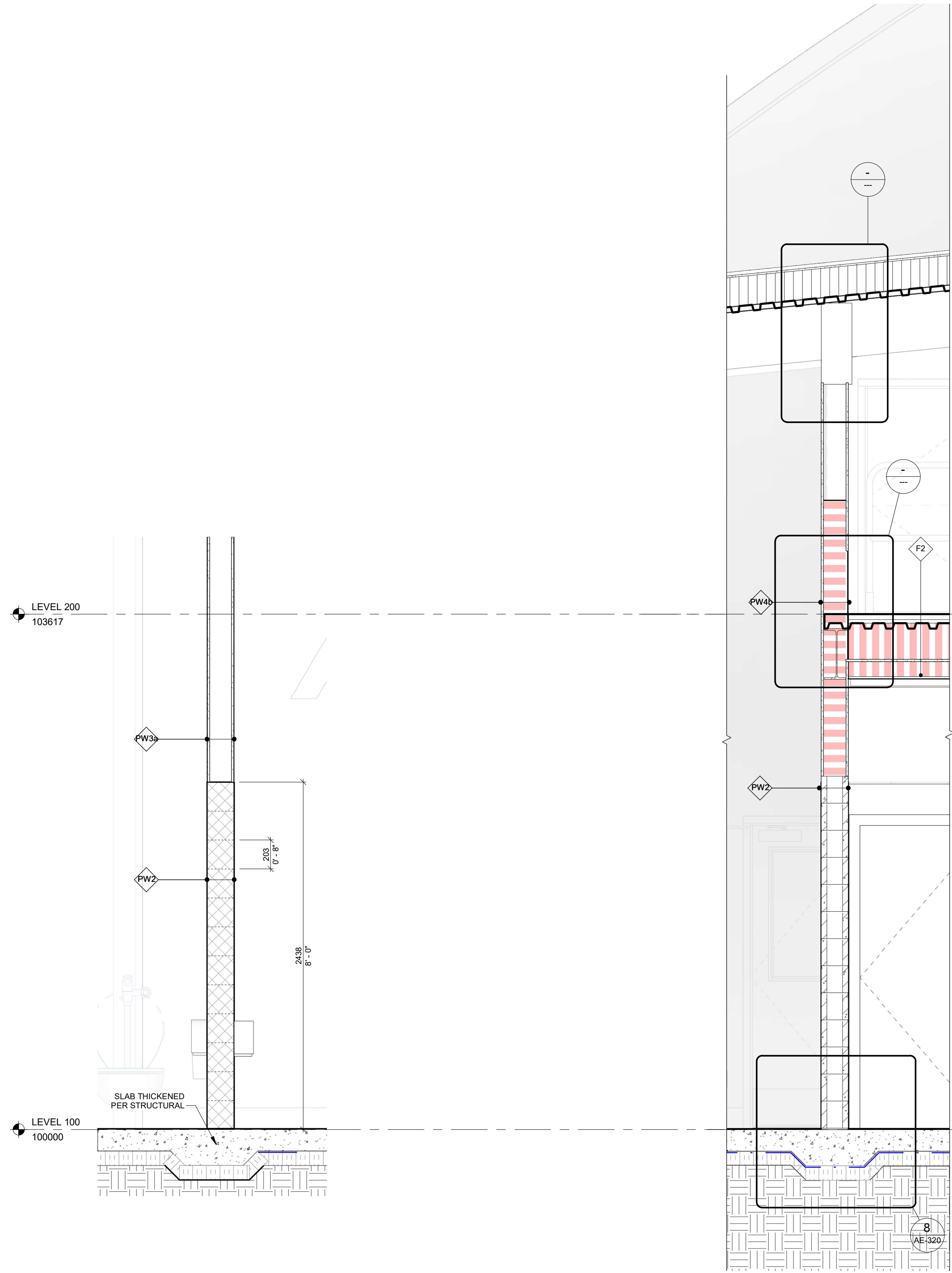
PROJECT NUMBER
DRAWN BY

As indicated

2024.01200
Author

AE-312





1
AE-313
1 : 20
INTERIOR CMU PARTITION SECTION

2
AE-313
1 : 20
INTERIOR PW2 WALL

3
AE-313
1 : 20
INTERIOR PLAYERS VESTIBULE SECTION

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

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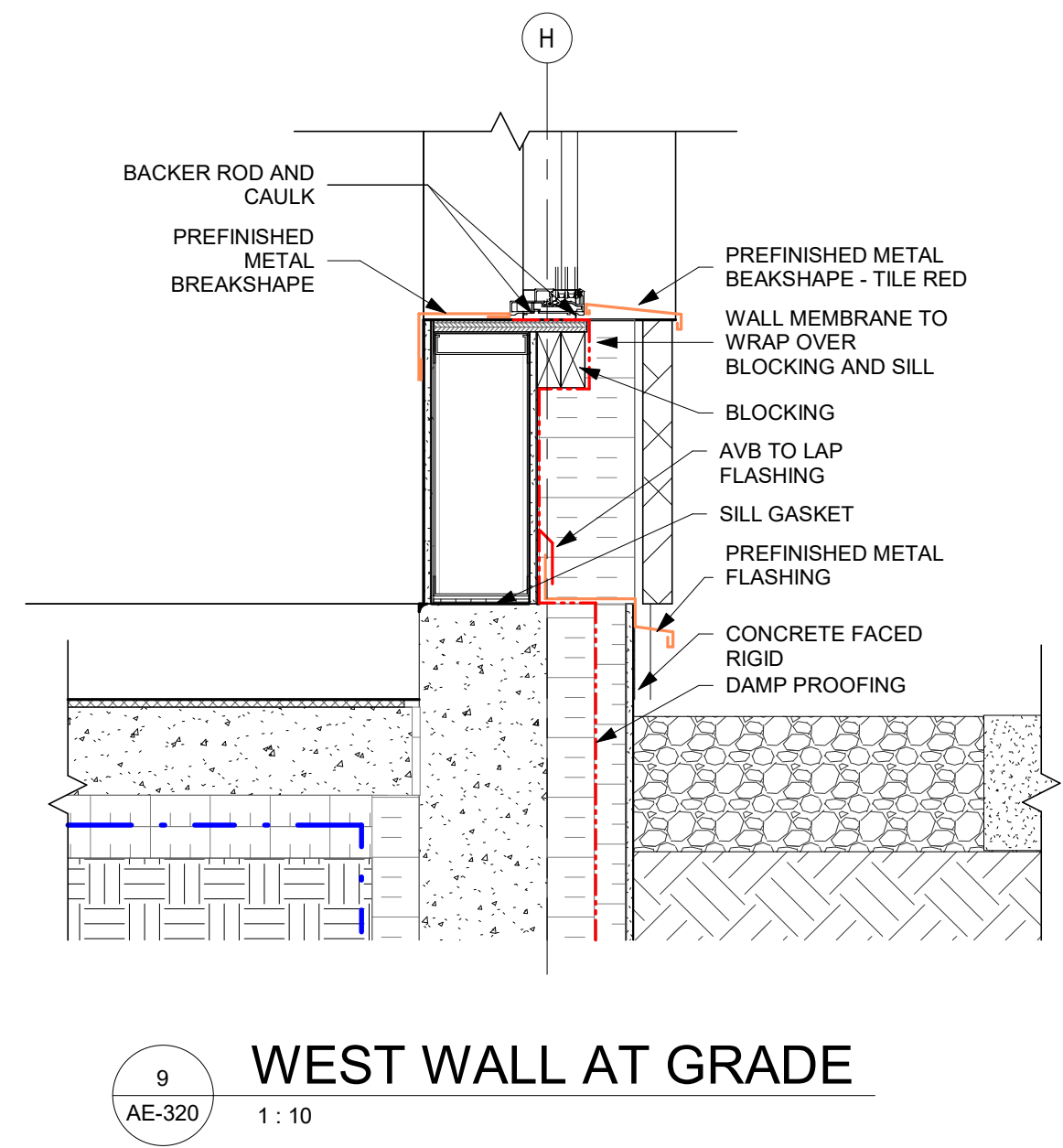
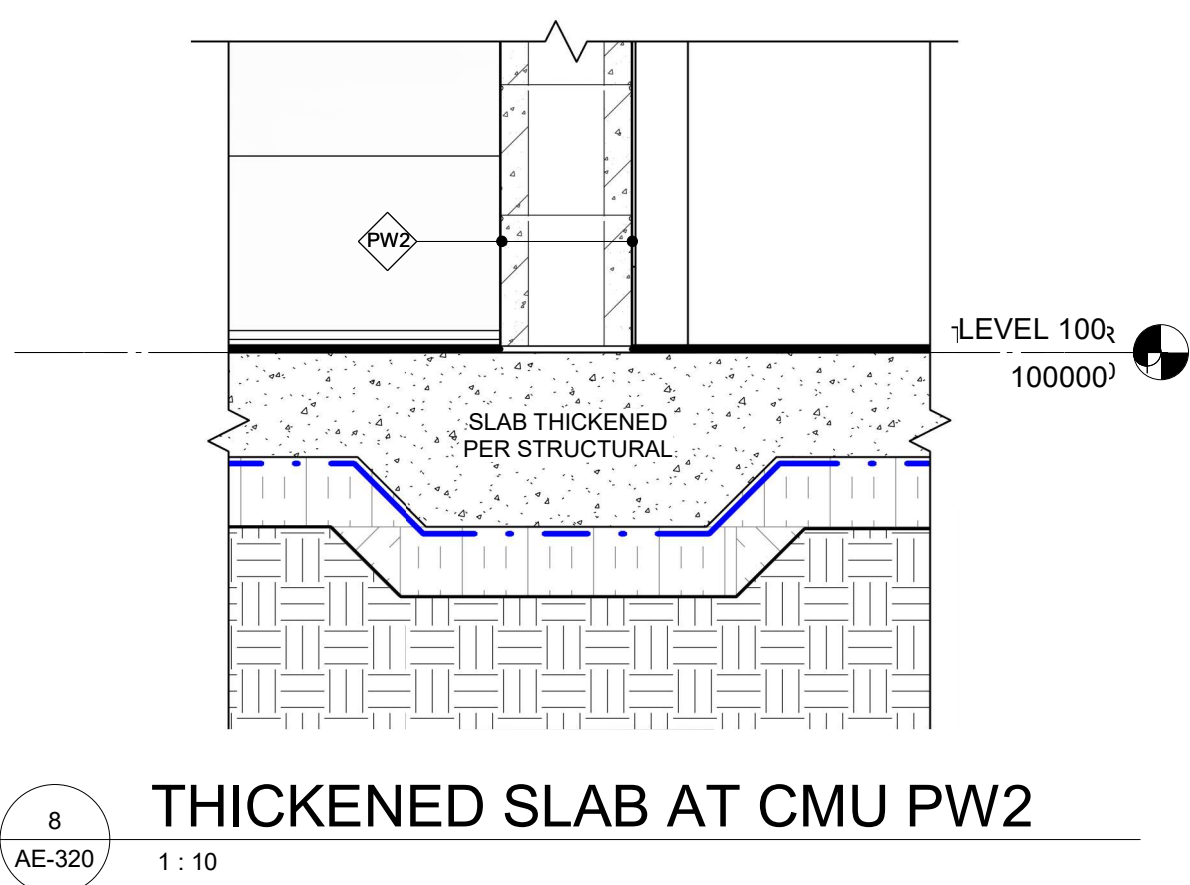
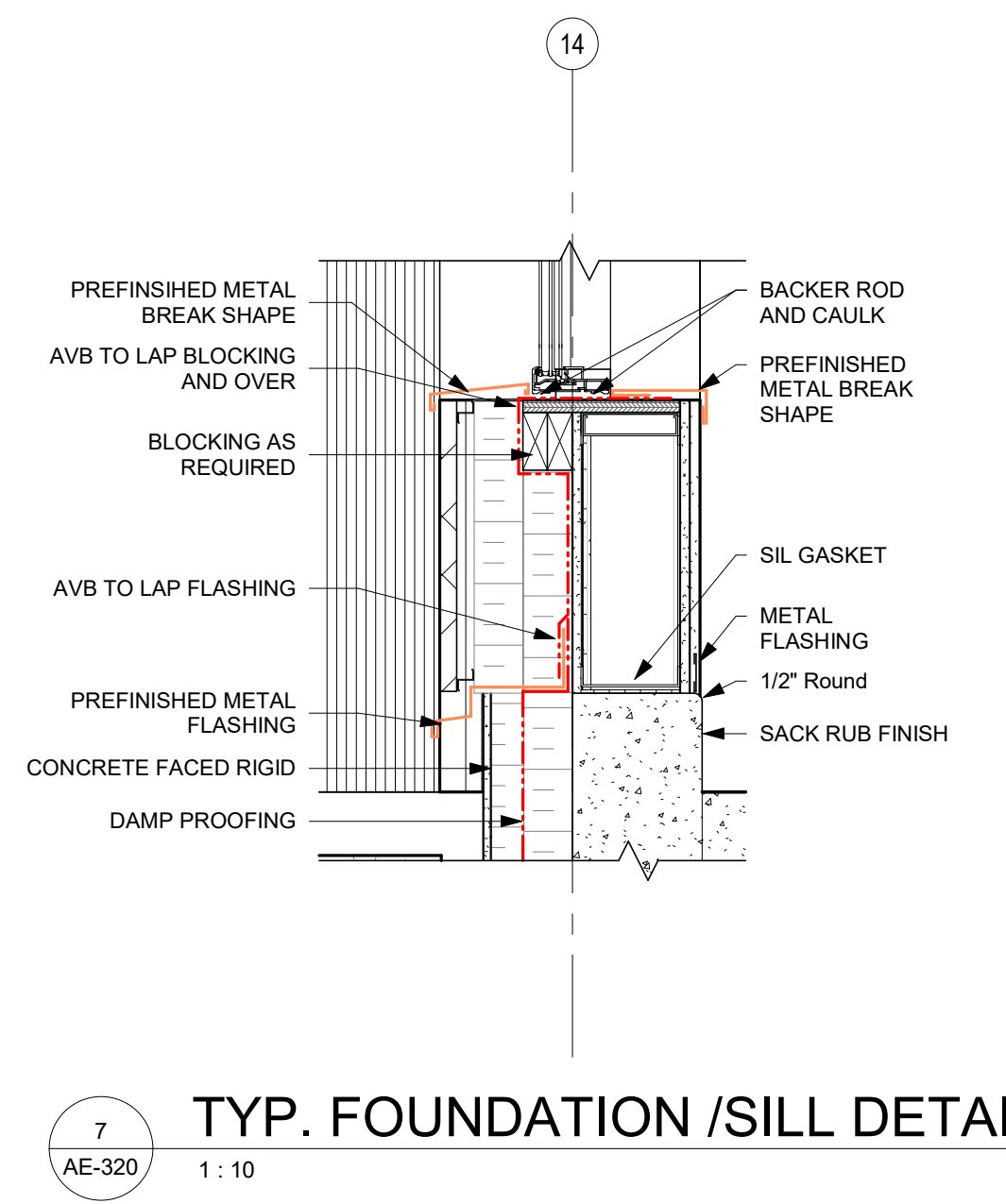
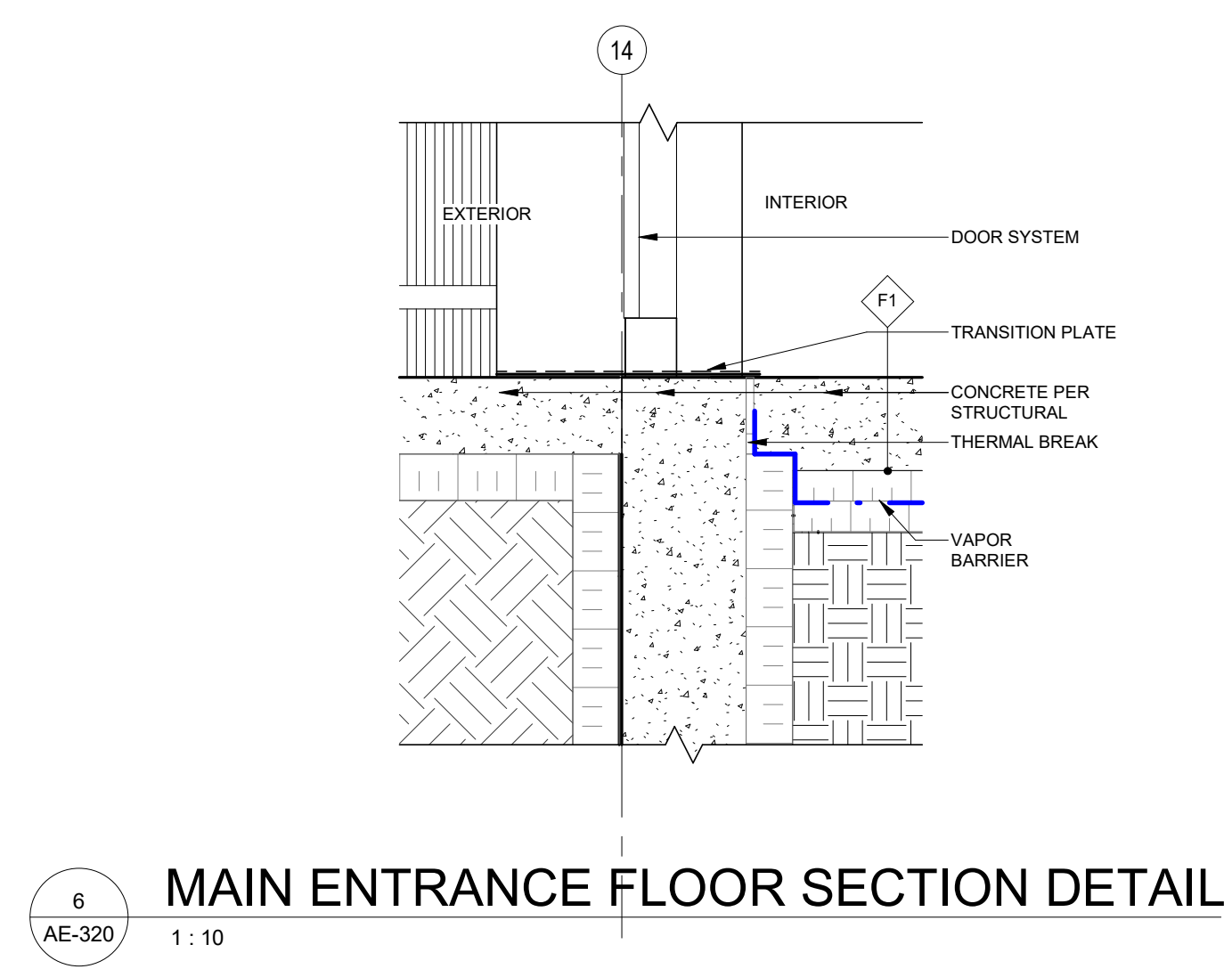
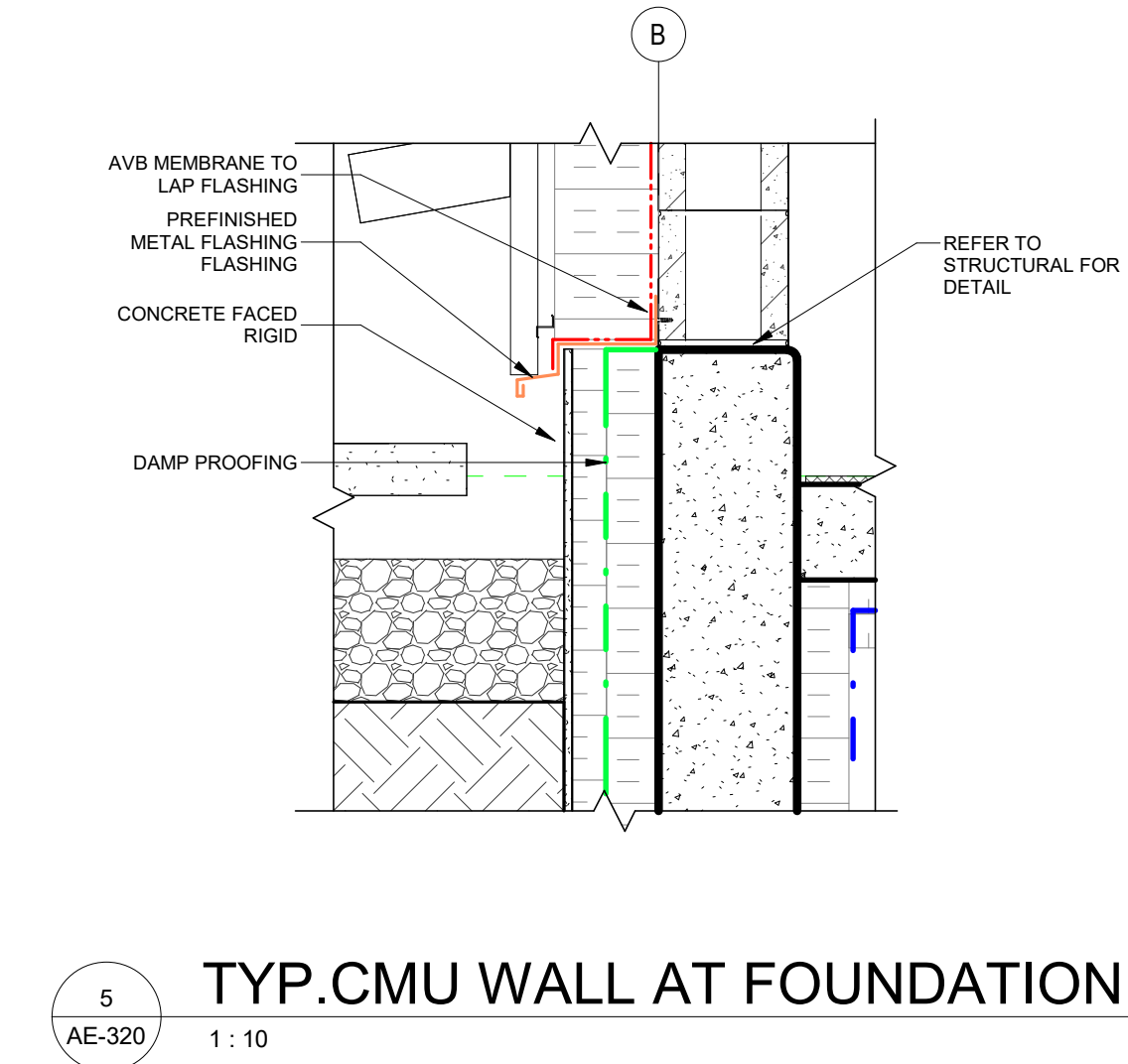
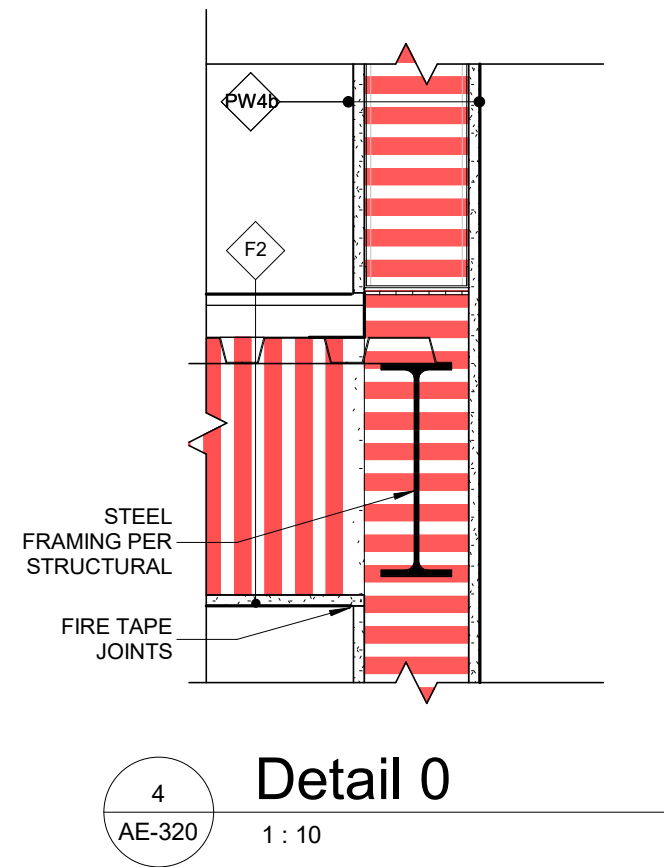
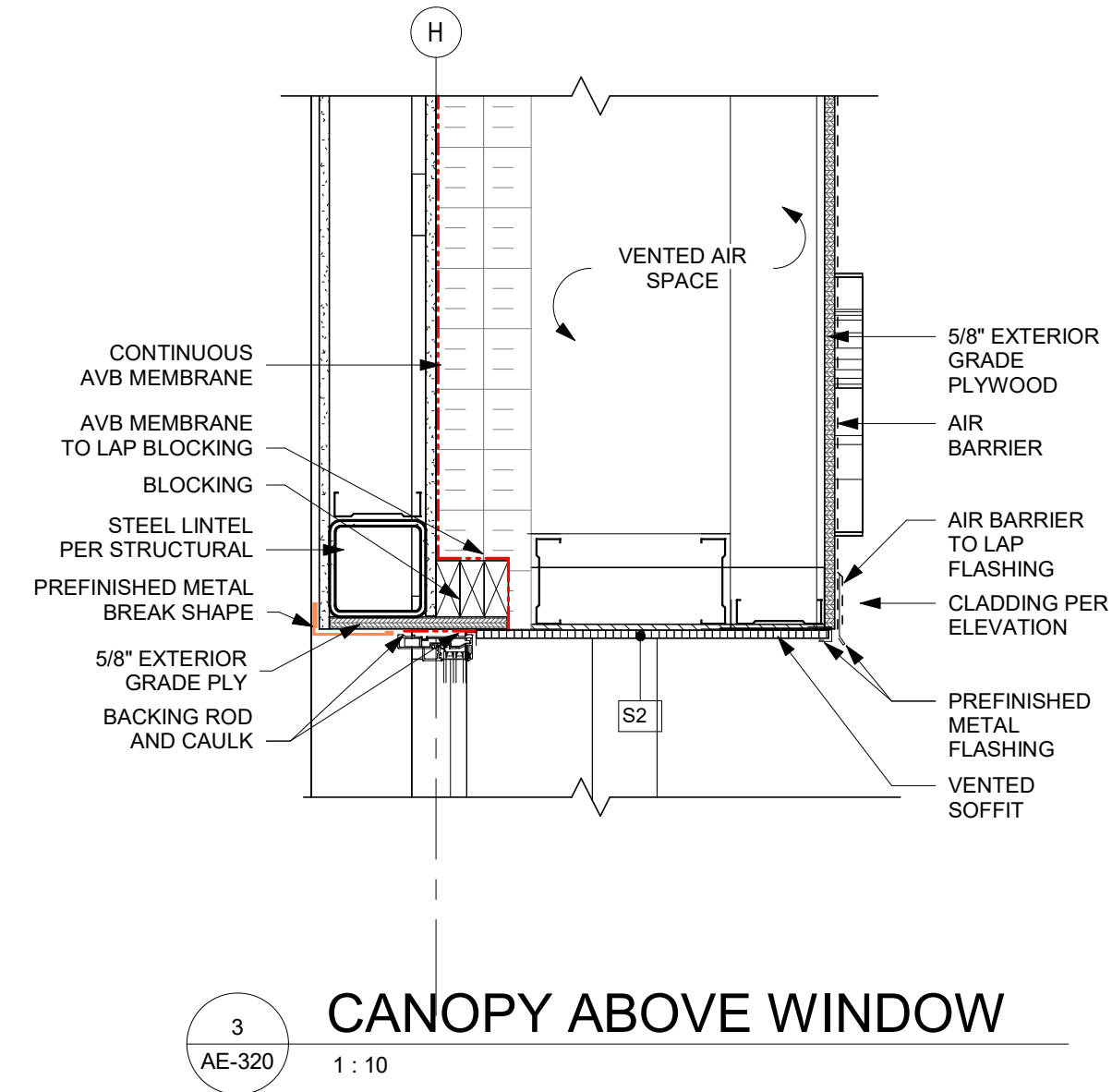
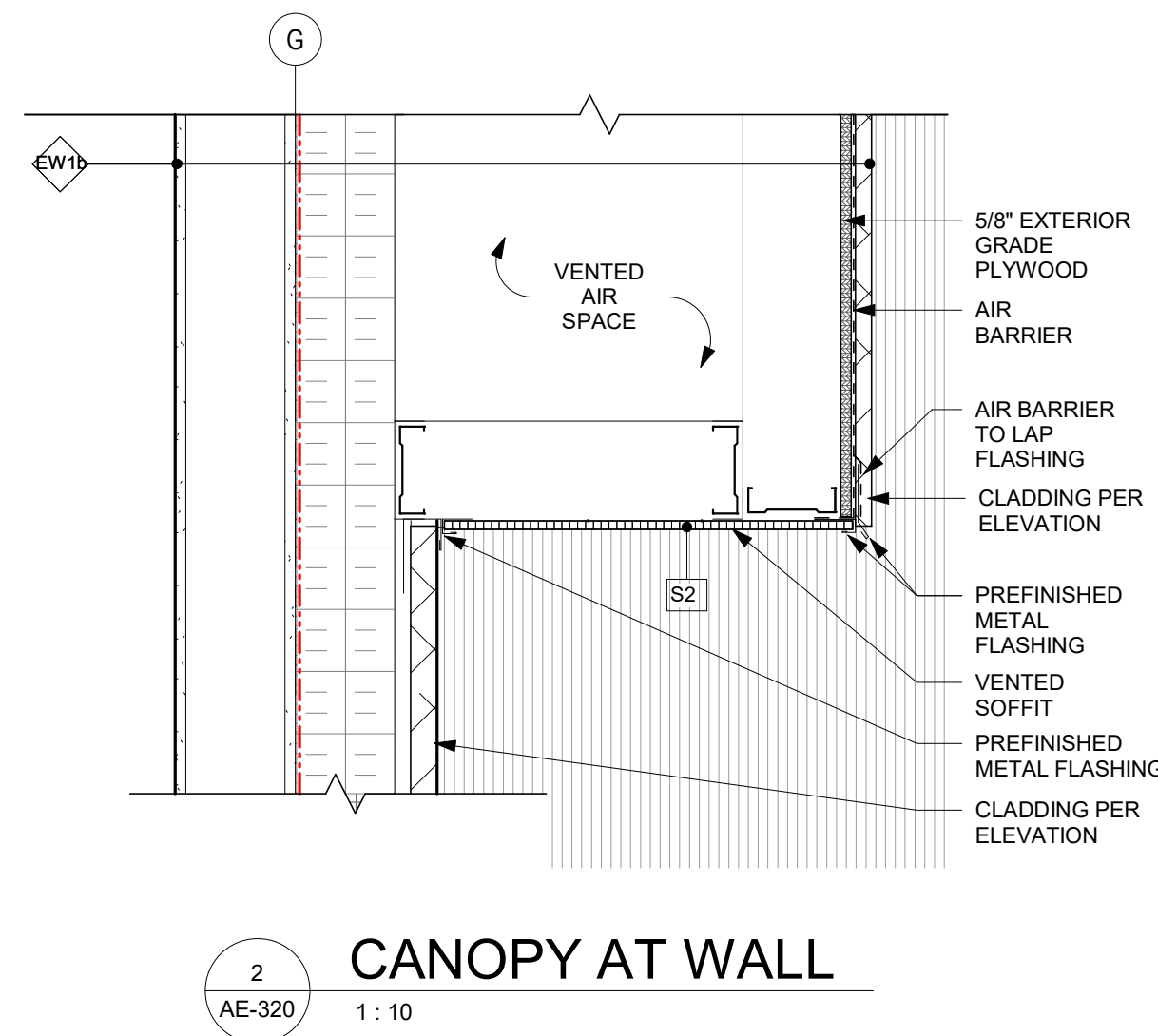
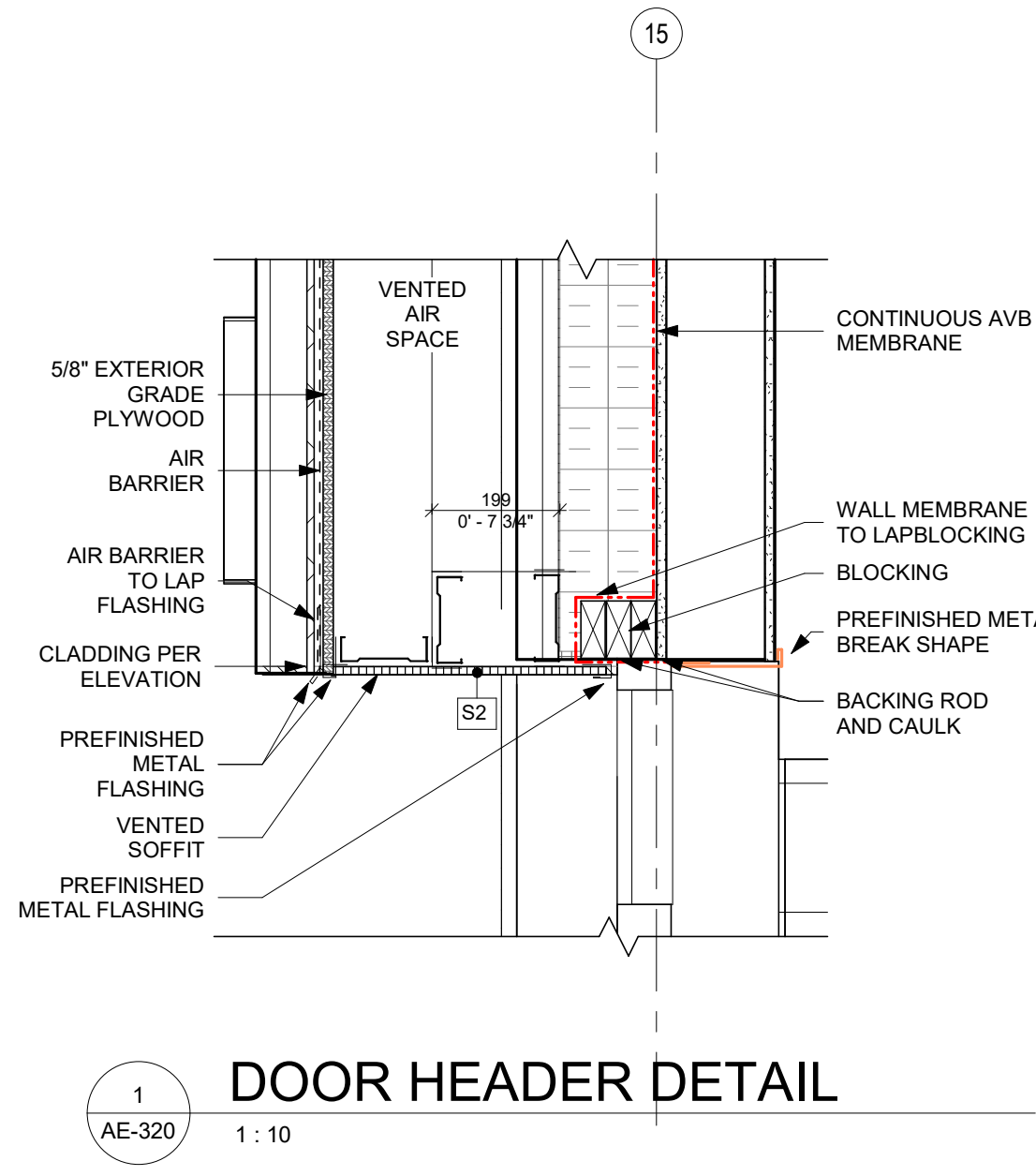
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PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
WALL SECTIONS 4

SCALE
PROJECT NUMBER
DRAWN BY
1 : 20
2024.01200
Author

AE-313



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CONSULTANTS

GENERAL NOTES
01 DRAWING TO BE PRINTED AND VIEWED IN COLOUR.
02 USE THE FOLLOWING COLORS FOR PAINTING:
COLOR A -
COLOR B -
COLOR C -

LEGEND
- - - - - WATERPROOFING BARRIER (FOR FOUNDATIONS)
- - - - - AIR/VAPOUR BARRIER MEMBRANE
- - - - - PREFINISHED METAL FLASHING
- - - - - FOUNDATION WATERPROOFING MEMBRANE
- - - - - WATER RESISTIVE BARRIER

1	2026.06.03	ISSUED FOR TENDER/PERMIT
REV	DATE	DESCRIPTION
PROJECT NORTH		

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RM OF HANOVER

PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
SECTION DETAILS

SCALE
PROJECT NUMBER
DRAWN BY

As indicated
2024.01200
Author

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COLOR B -
COLOR C -

LEGEND

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--- AIR/VAPOUR BARRIER MEMBRANE
--- PRE-FINISHED METAL FLASHING
--- FOUNDATION WATERPROOFING MEMBRANE
--- WATER RESISTIVE BARRIER

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REV	DATE	DESCRIPTION
PROJECT NORTH		

PERMIT / STAMP



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RM OF HANOVER

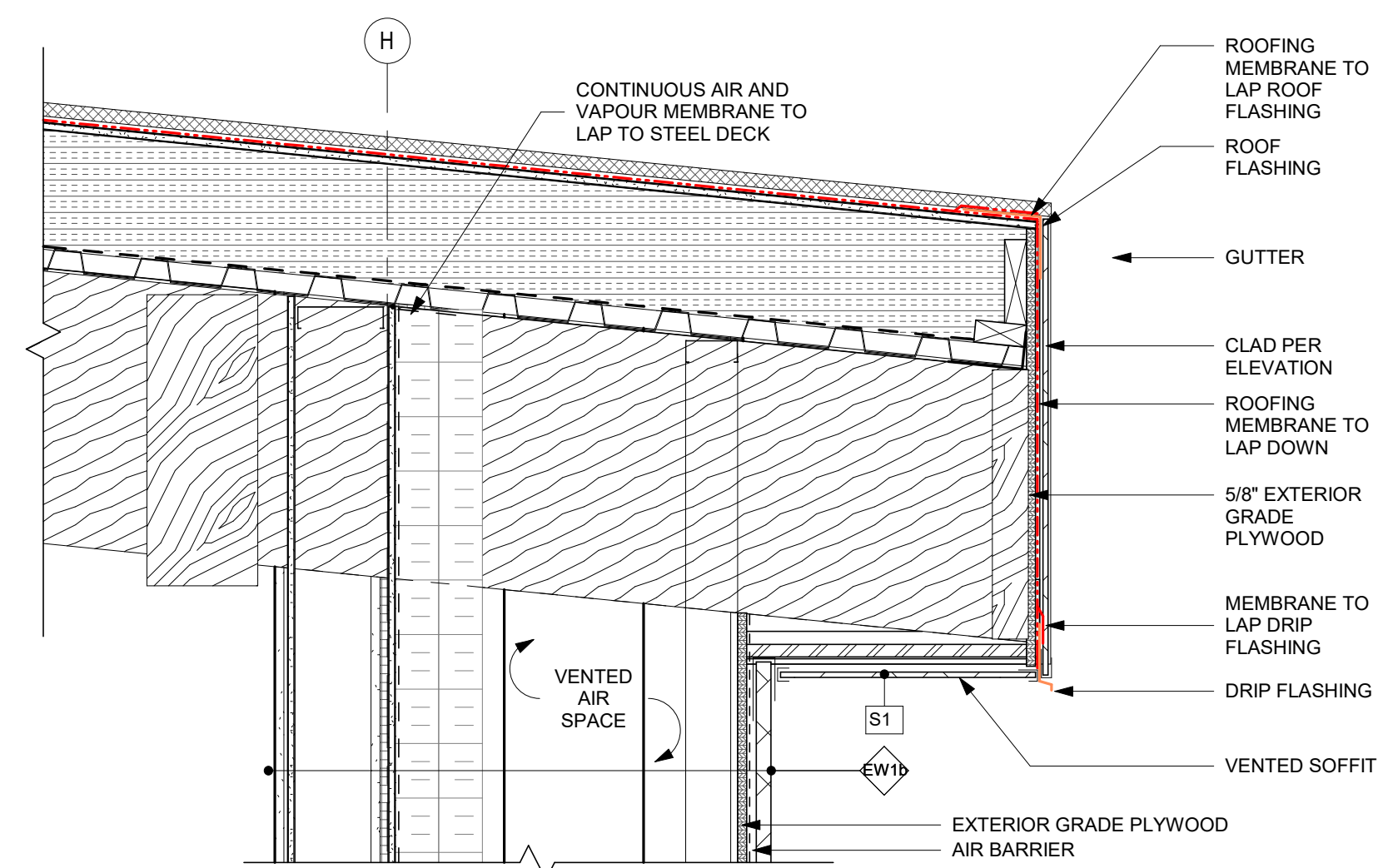
PROJECT NAME & ADDRESS
**GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB**

TITLE
SECTION DETAILS - ROOF

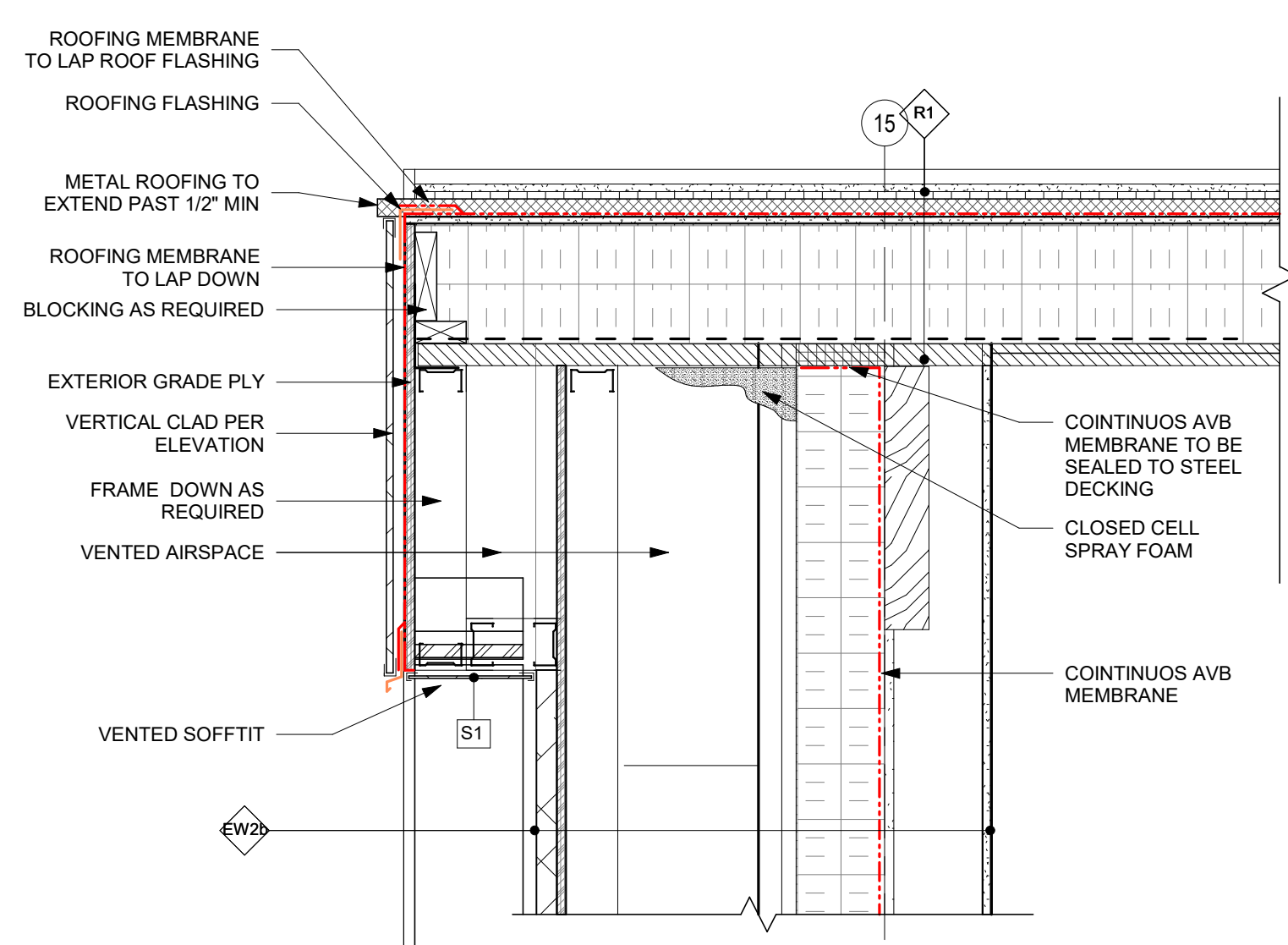
SCALE
PROJECT NUMBER
DRAWN BY

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2024.01200
Author

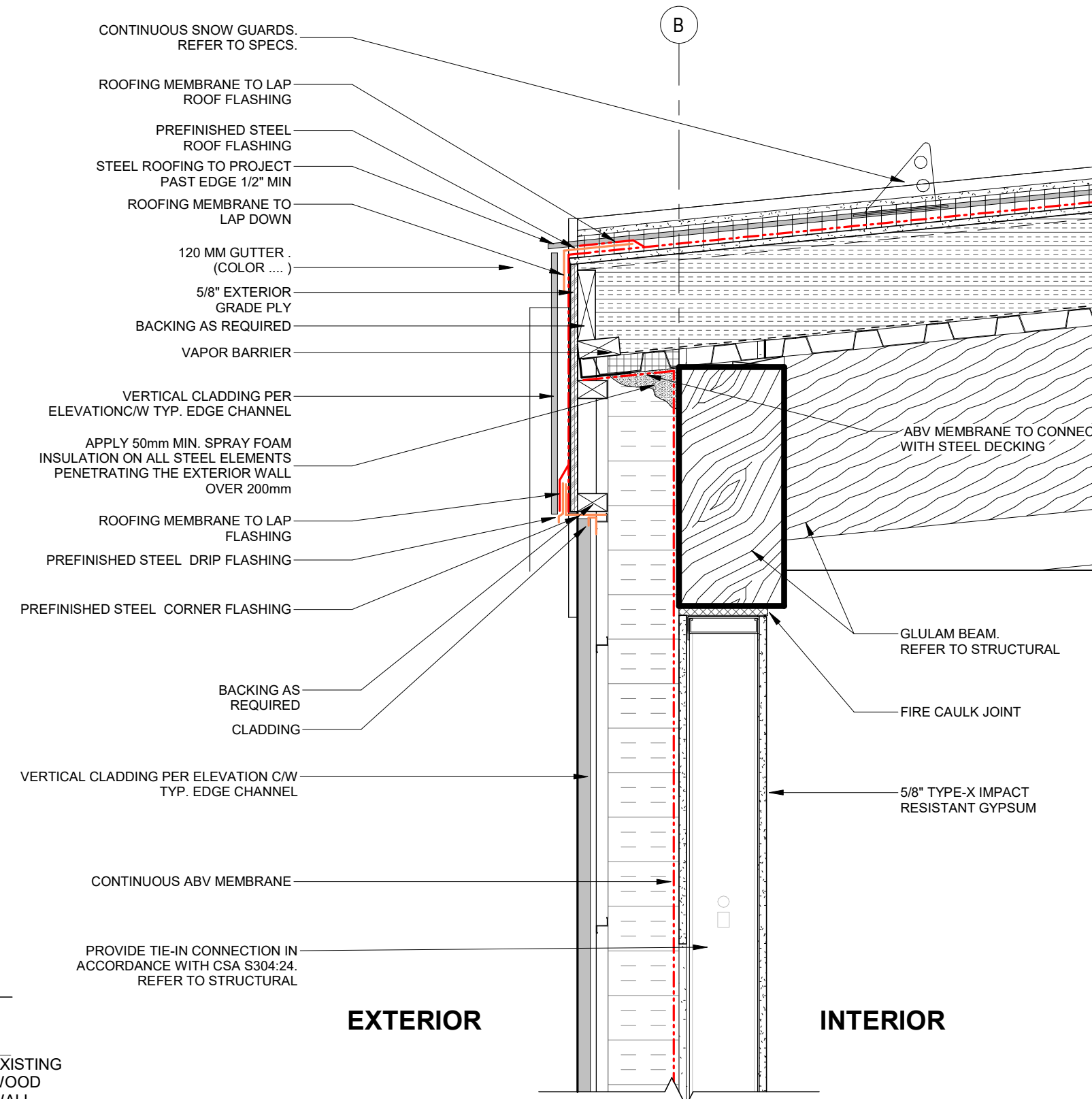
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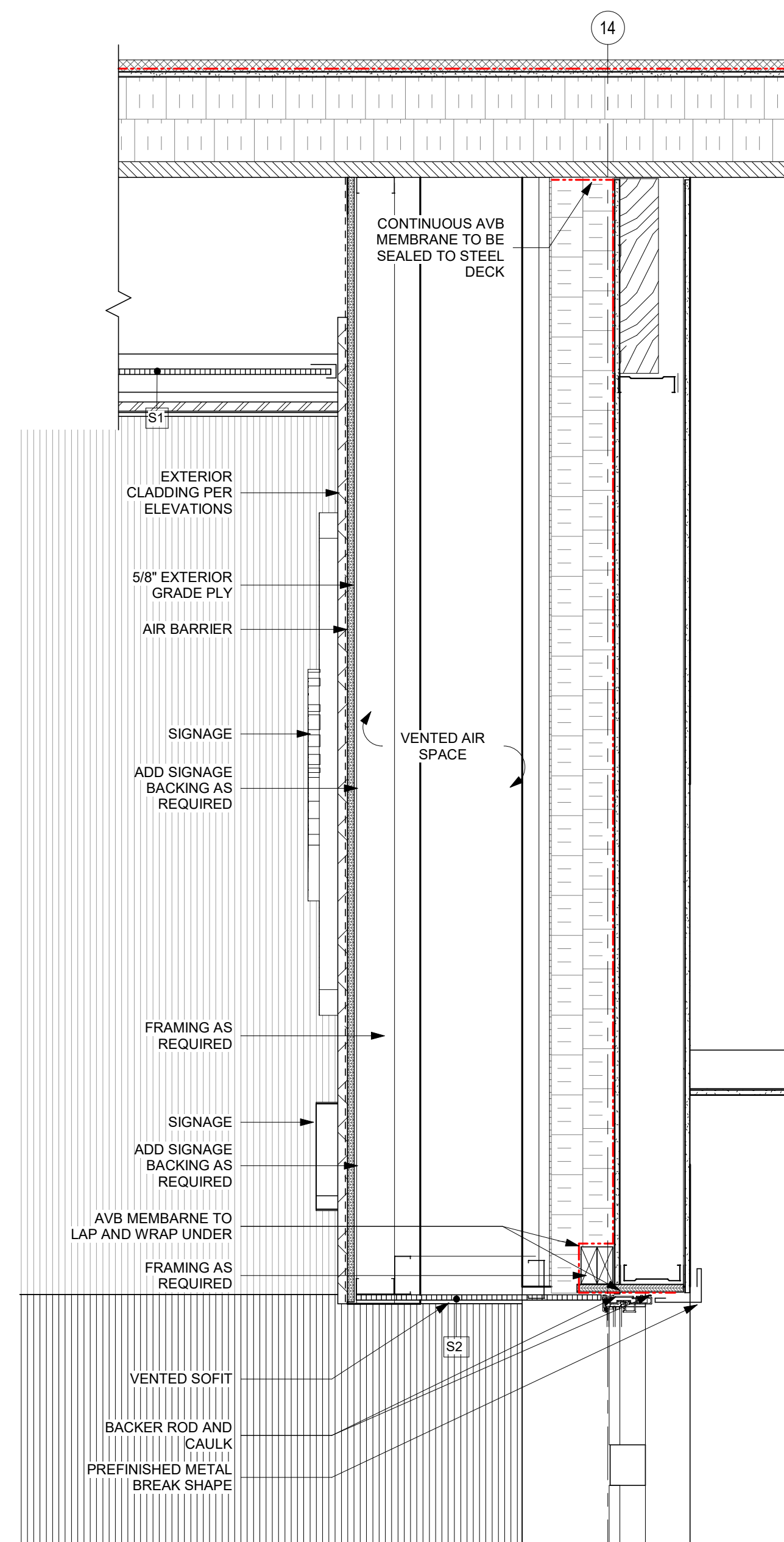
1 ROOF EAST OVERHANG SECTION DETAIL
1 : 10



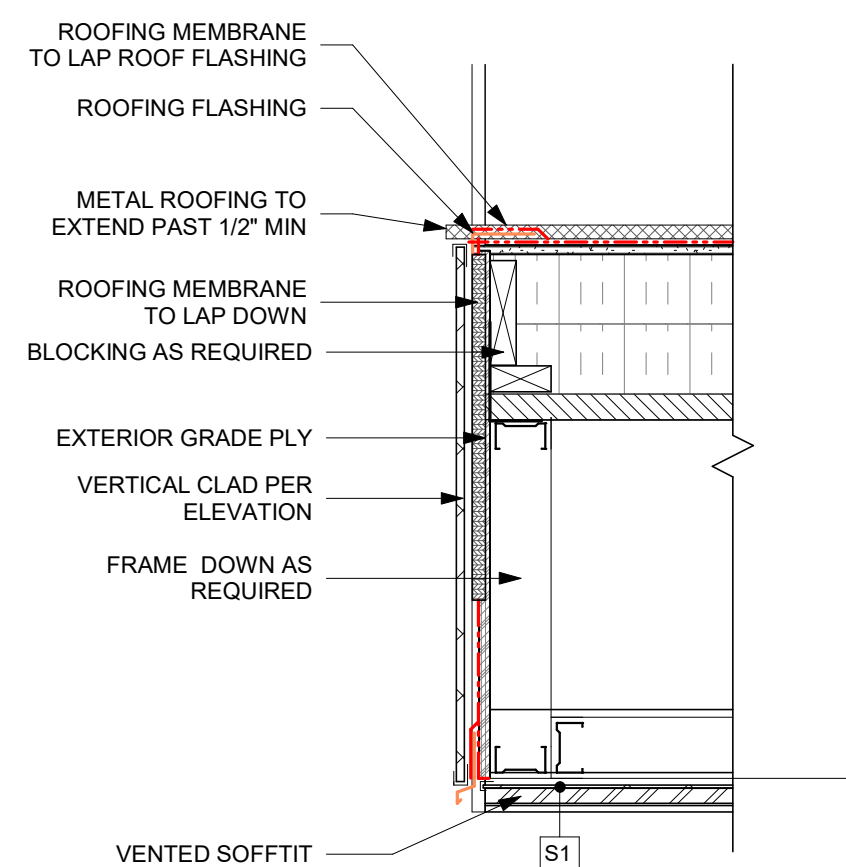
2 GABLE END ROOF SECTION
1 : 10



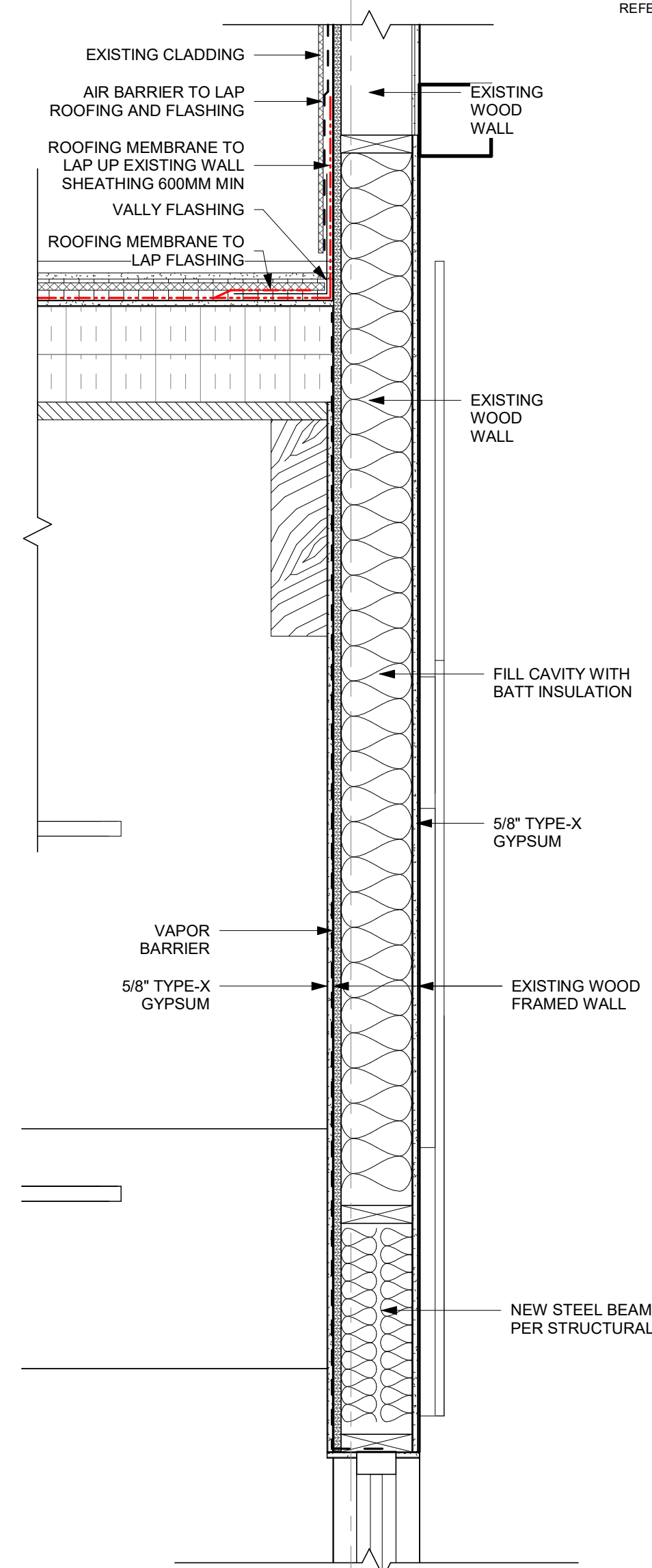
3 ROOF AT WEST WALL
1 : 10



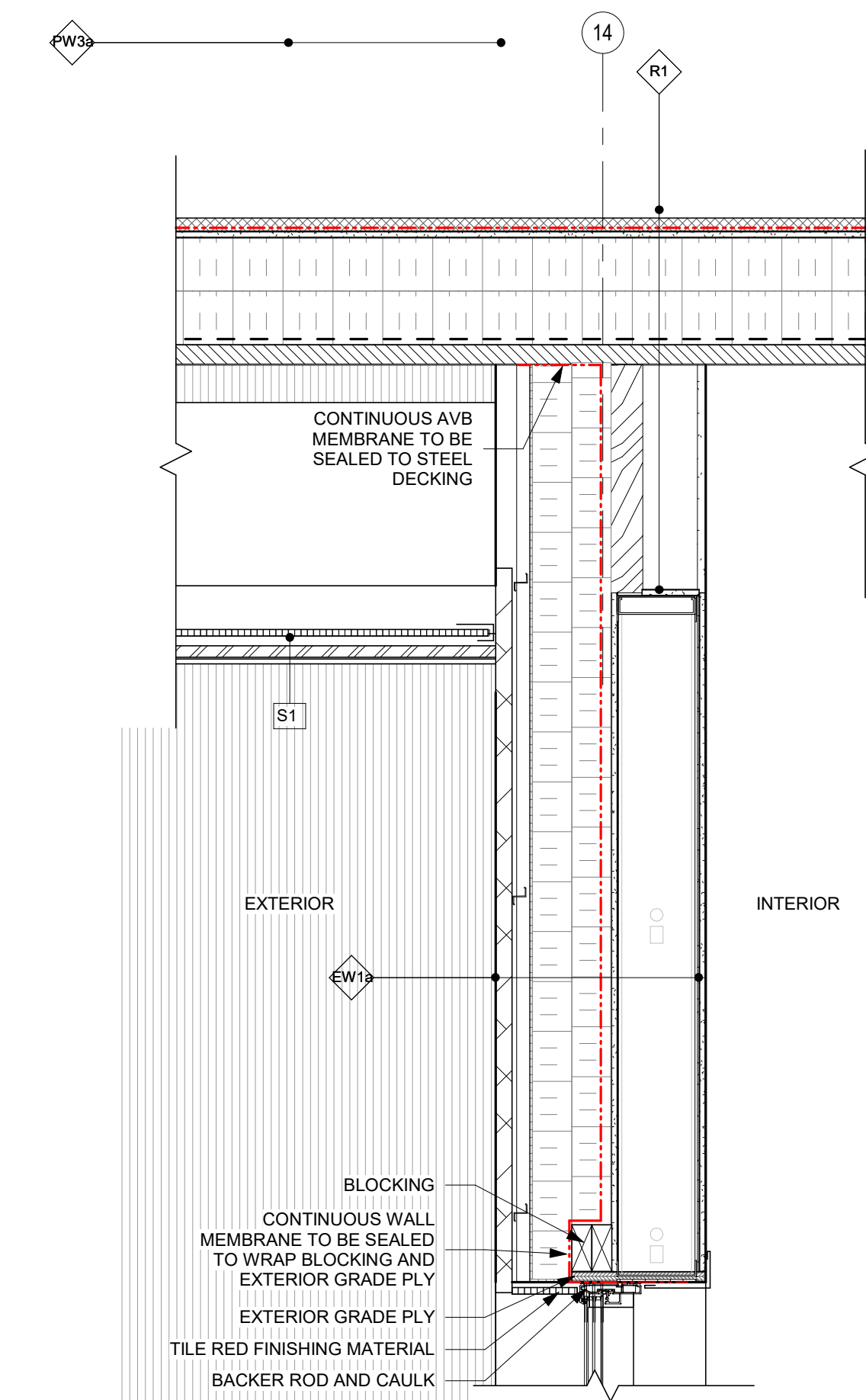
4 MAIN ENTRANCE ROOF SECTION
1 : 10



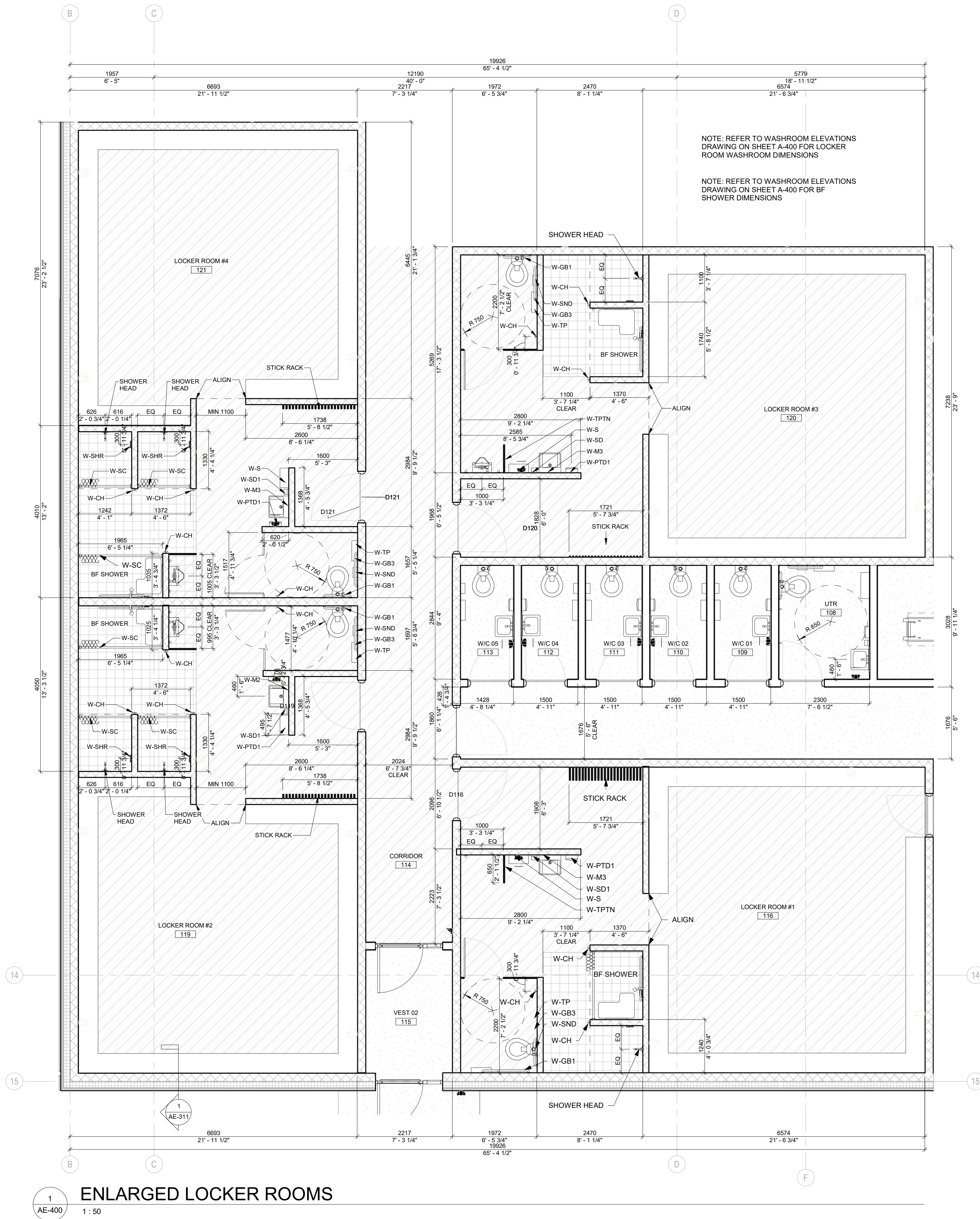
5 MAIN ENTRANCE SECTION DETAIL
1 : 10



6 ROOF AT EXISTING ARENA WALL
1 : 10

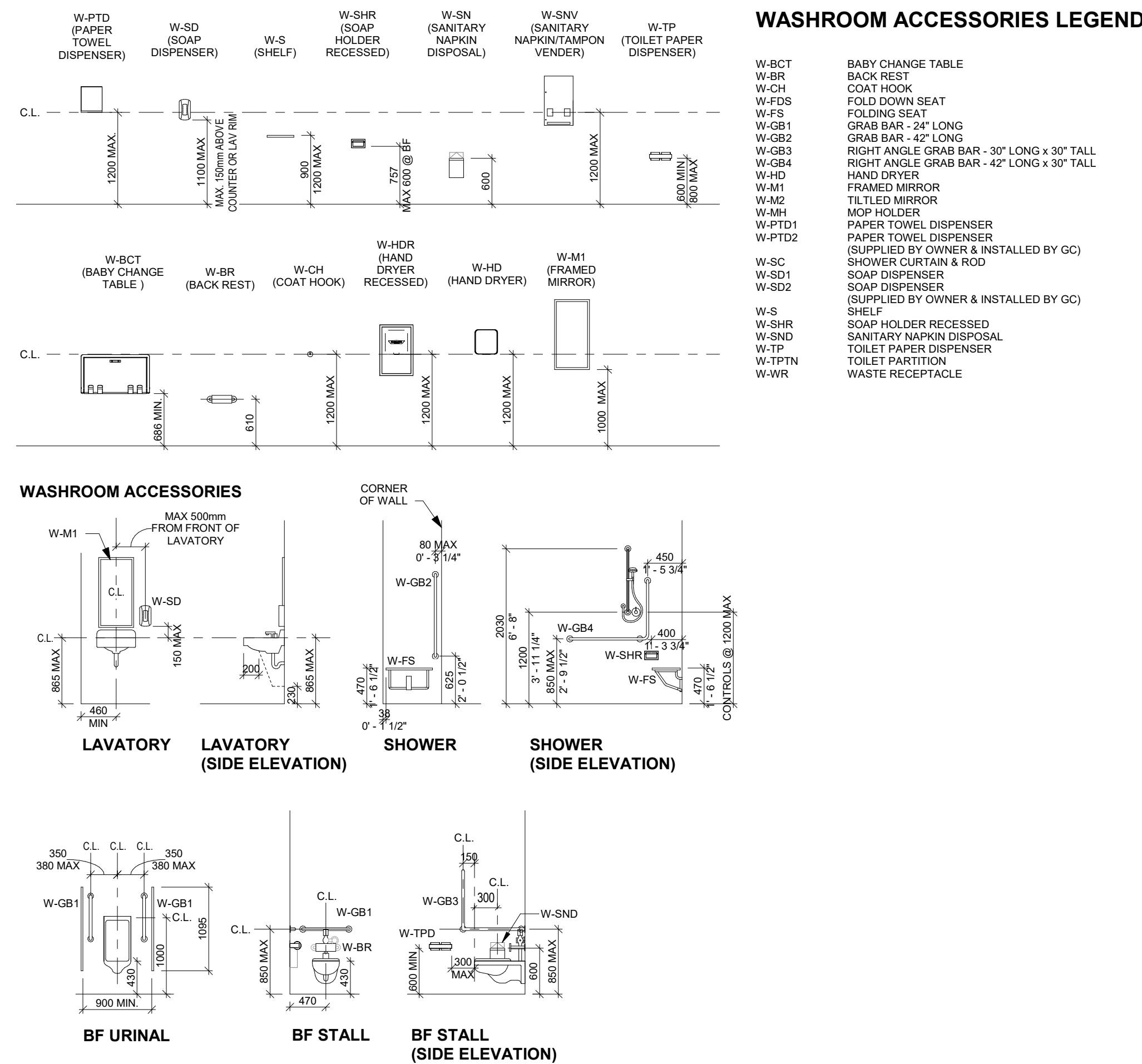


7 R SOUTH WALL WINDOW HEADER & ROOF
1 : 10



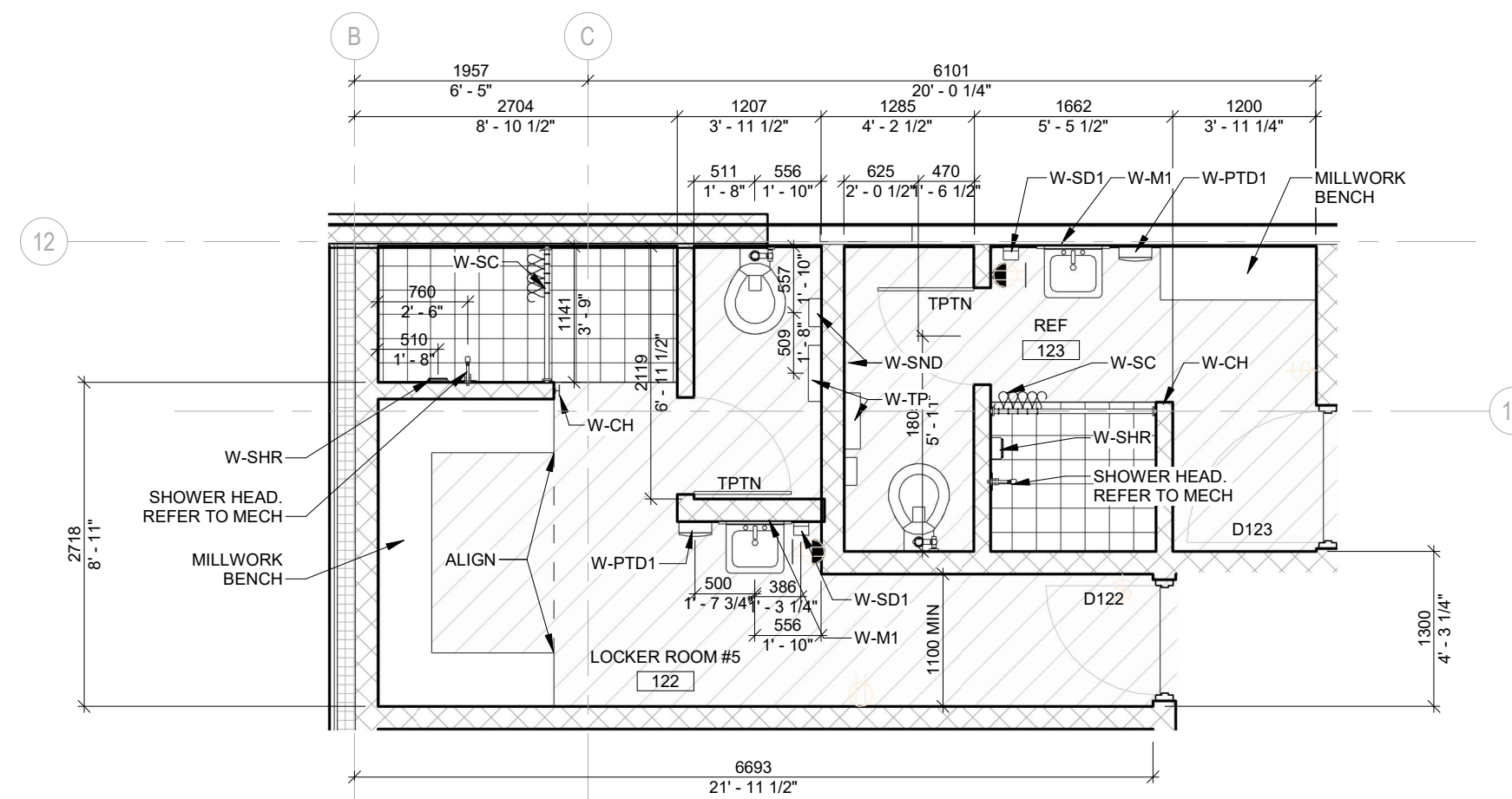
1 ENLARGED LOCKER ROOMS

1:50



WASHROOM ELEVATIONS

1:50



2 ENLARGED LOCKER ROOM #5 & REF

1:50



3 ENLARGED UTR

1:50

4 TYP PUBLIC W/C

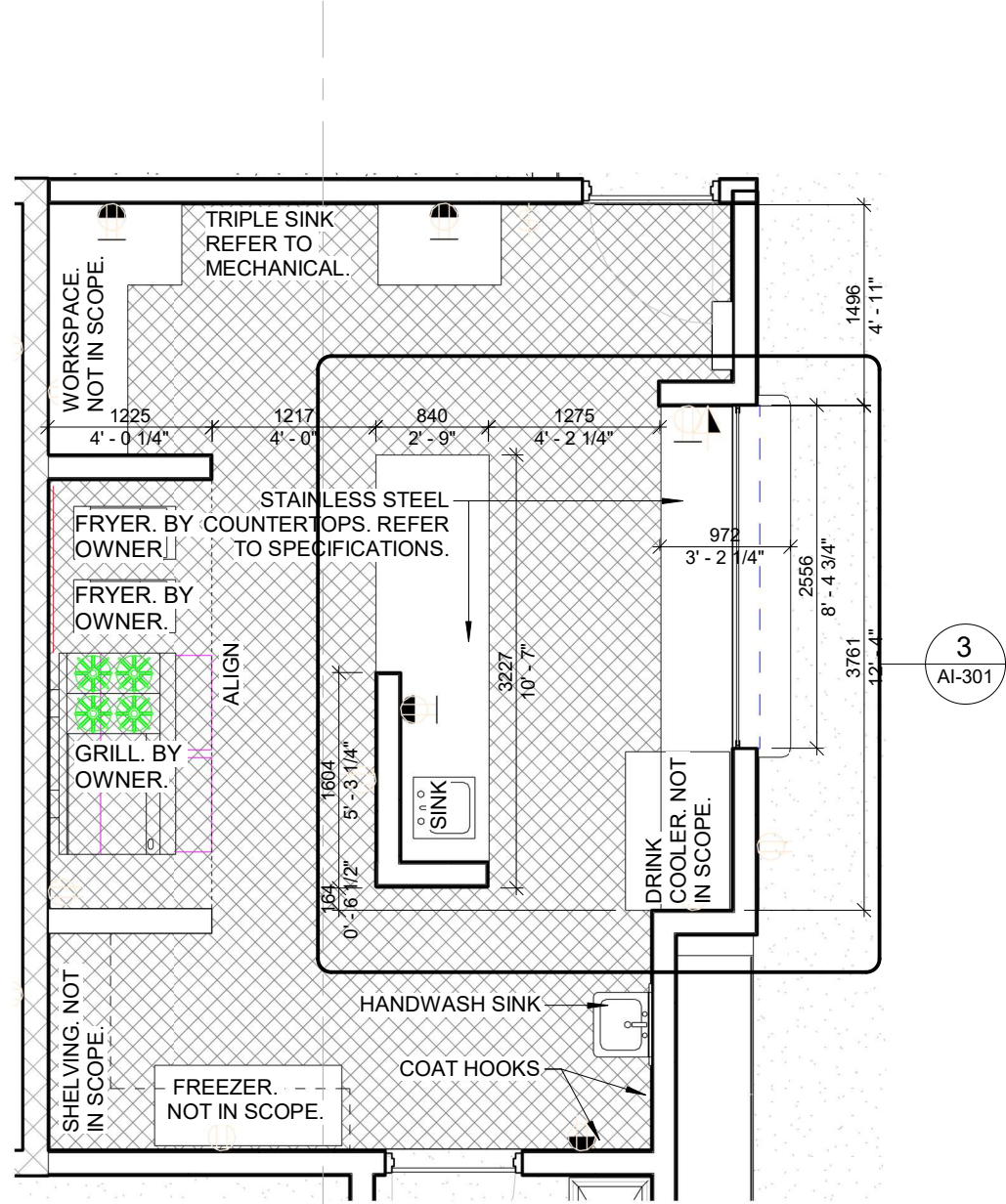
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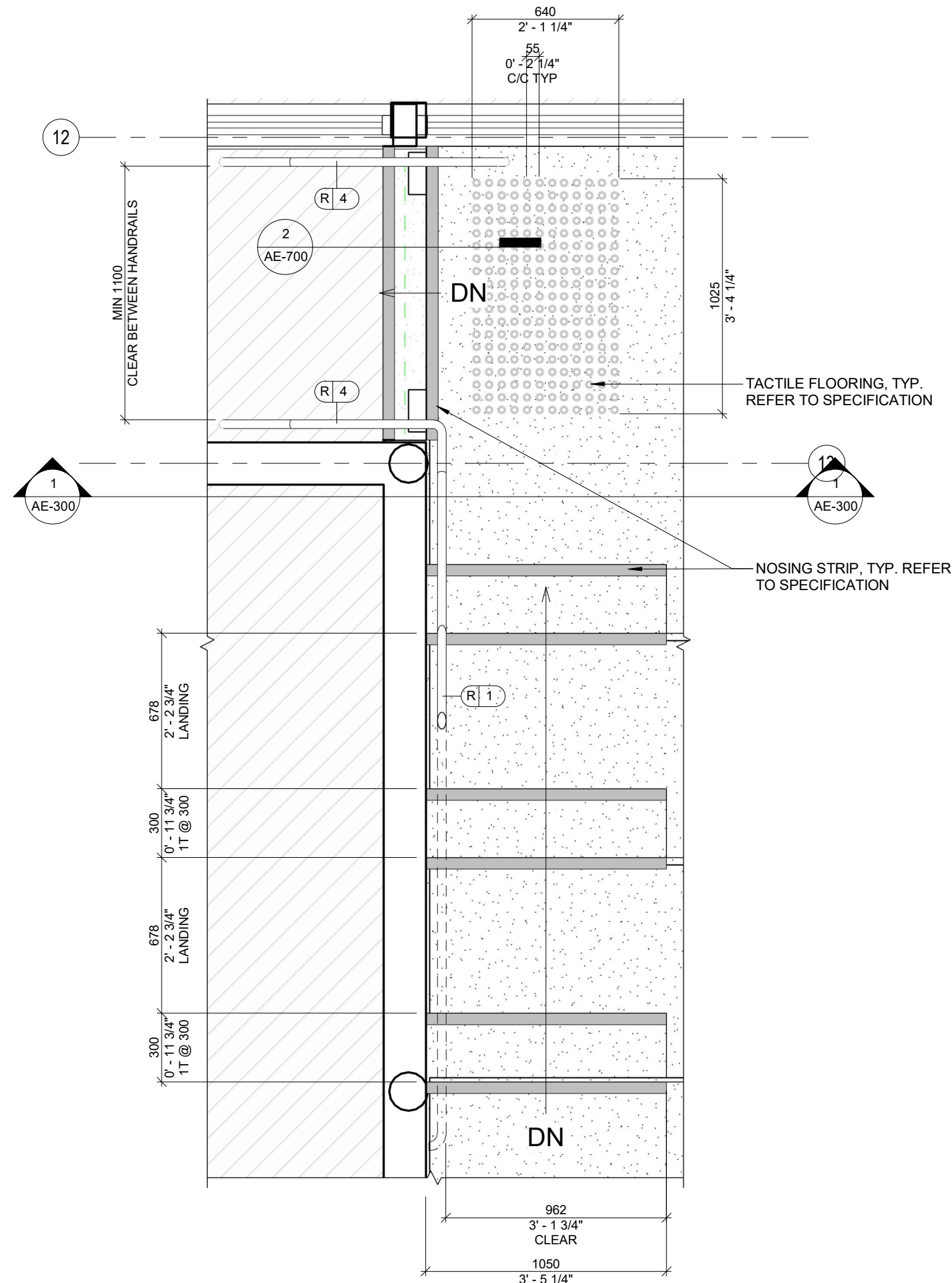
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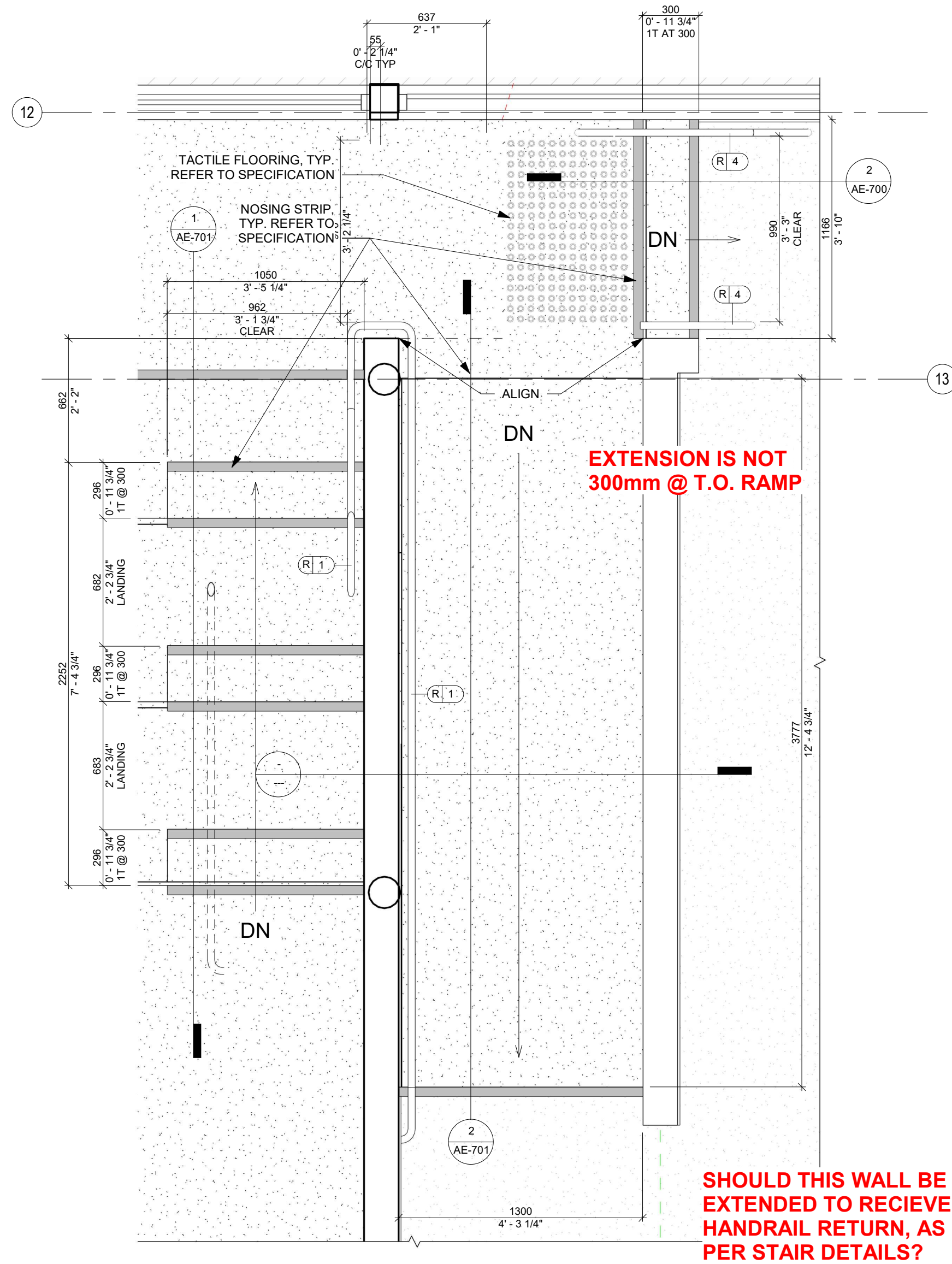
GENERAL NOTES



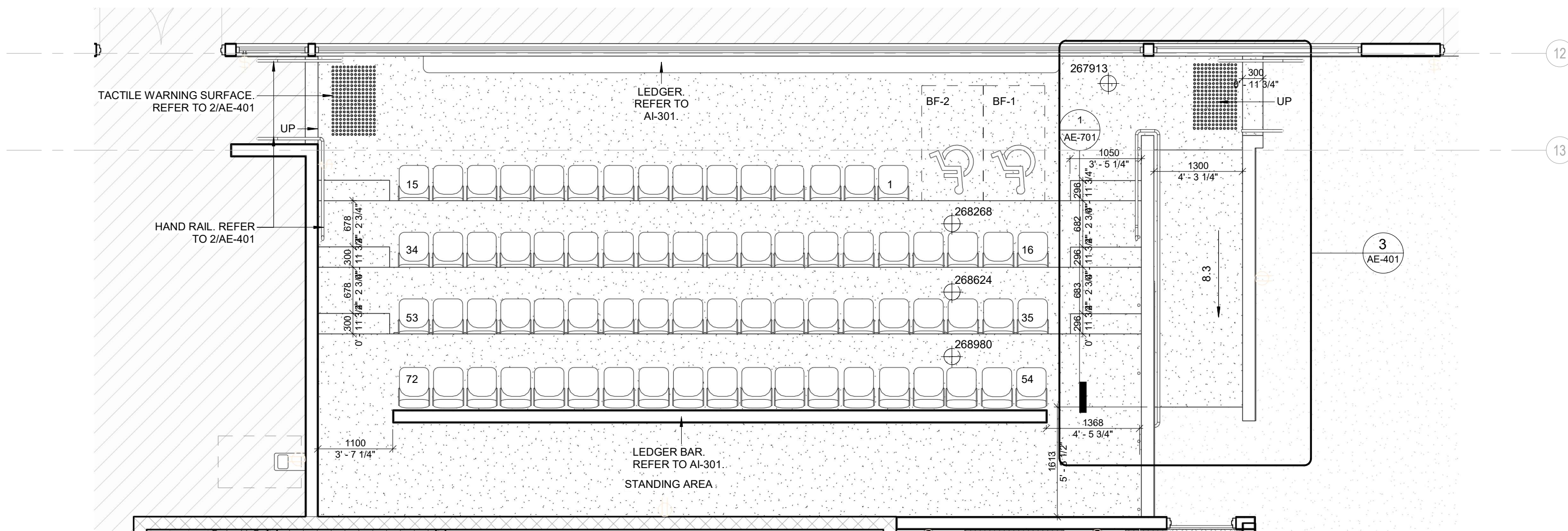
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AE-401
ENLARGED PLAN KITCHEN
1 : 50



2
AE-401
SPECTATOR STAIR 1 ENLARGED PLAN
1 : 20



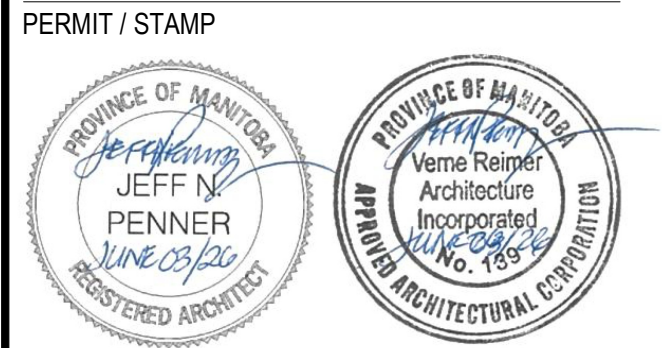
3
AE-401
SPECTATOR STAIR 2 AND RAMP ENLARGED PLAN
1 : 20



4
AE-401
ENLARGED PLAN STANDS
1 : 50

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH



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RM OF HANOVER

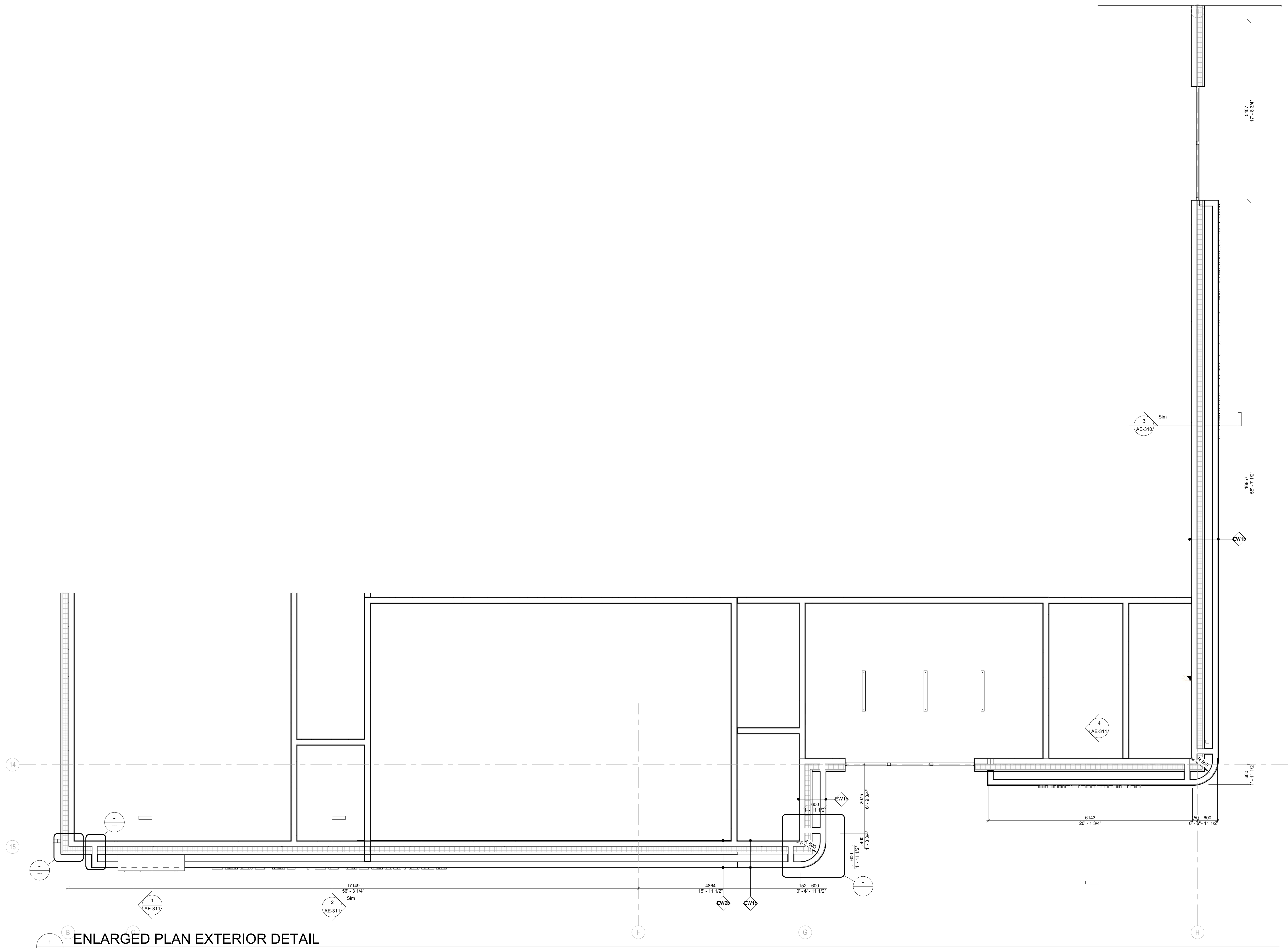
PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
LARGE SCALE PLANS 2

SCALE
PROJECT NUMBER
DRAWN BY

As indicated
2024.01200
Author

AE-401



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REV	DATE	DESCRIPTION

PROJECT NORTH

PERMIT / STAMP

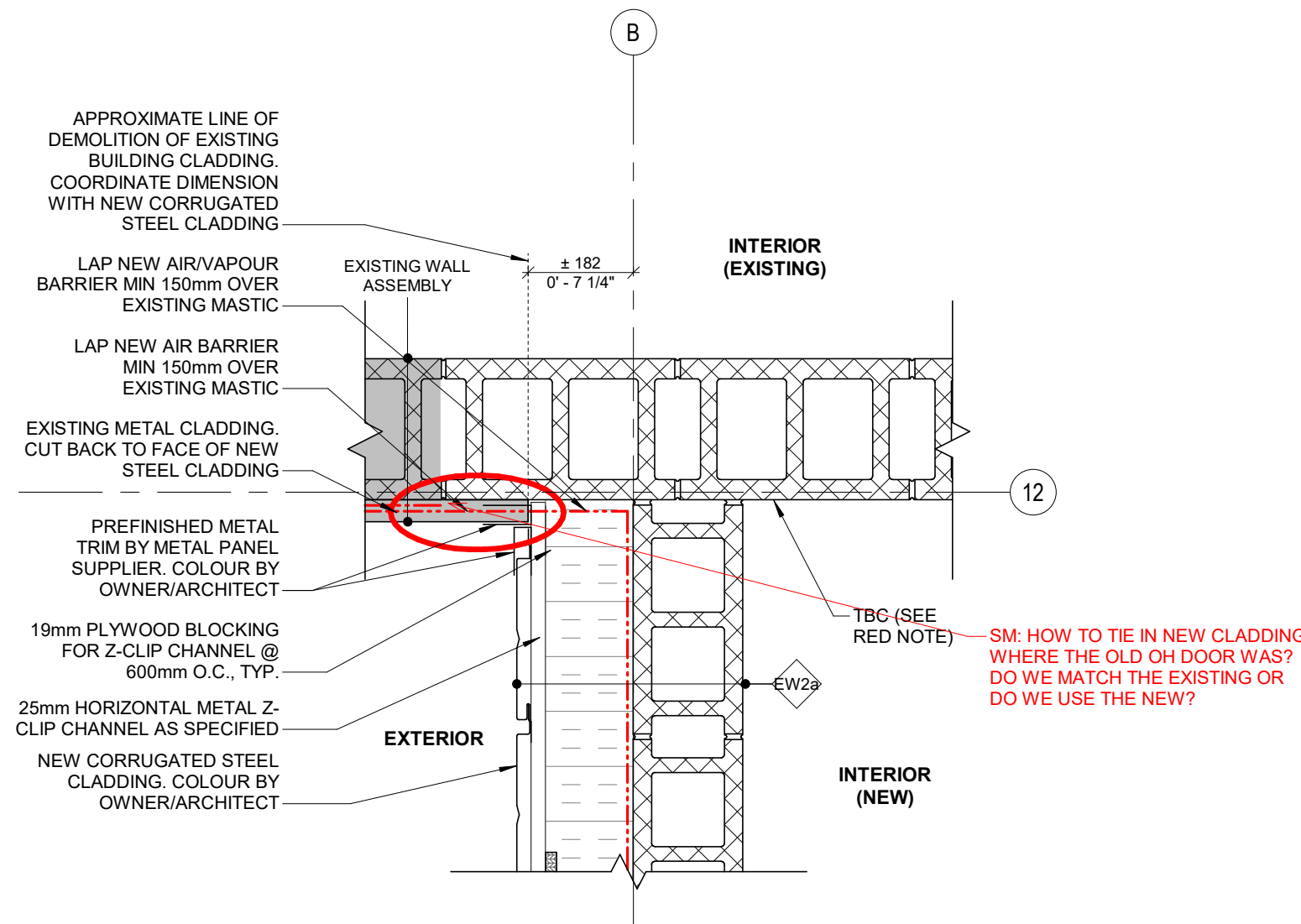


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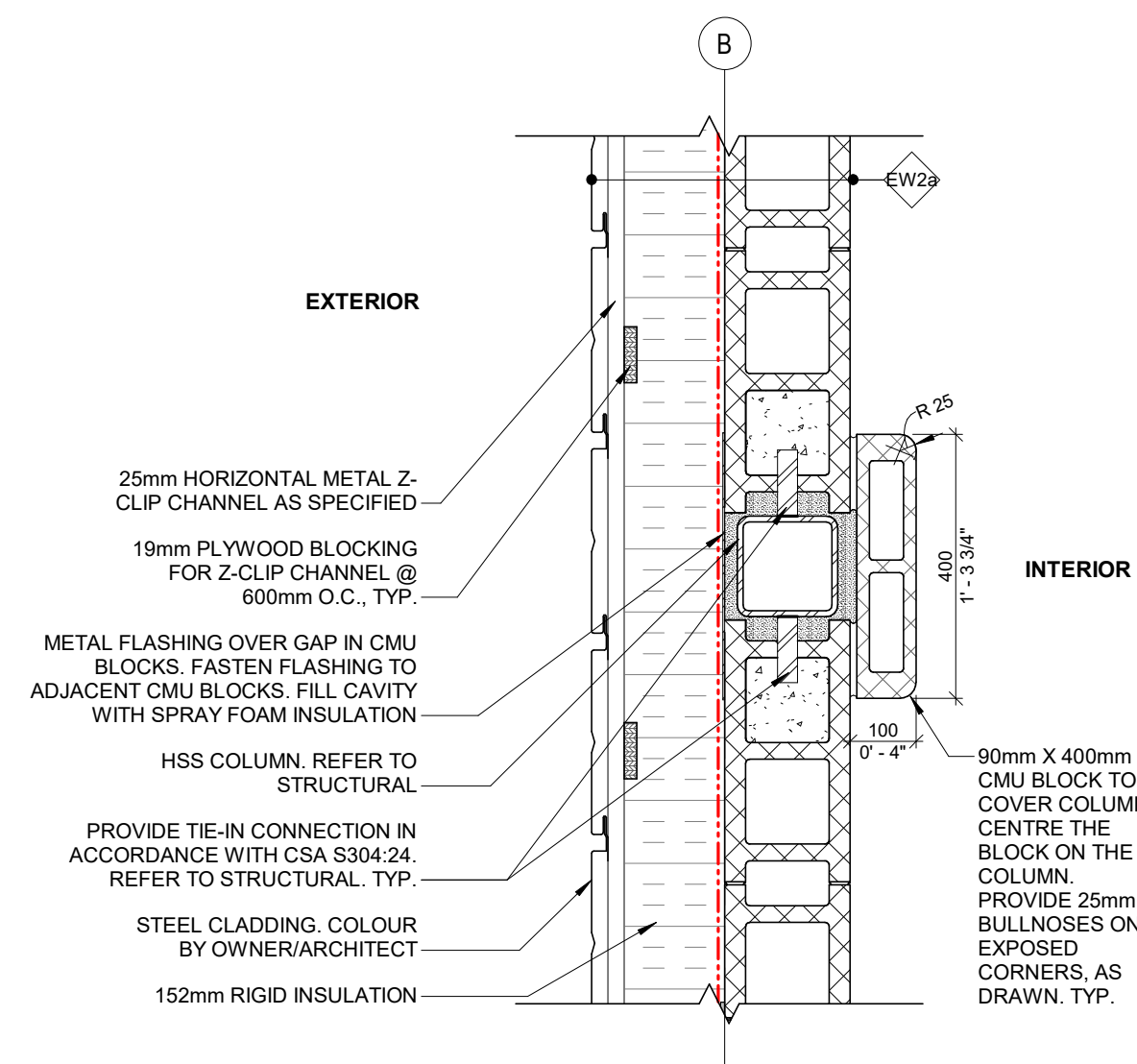
PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
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EXTERIOR WALL CANOPY
SCALE 1 : 50
PROJECT NUMBER 2024.01200
DRAWN BY Author

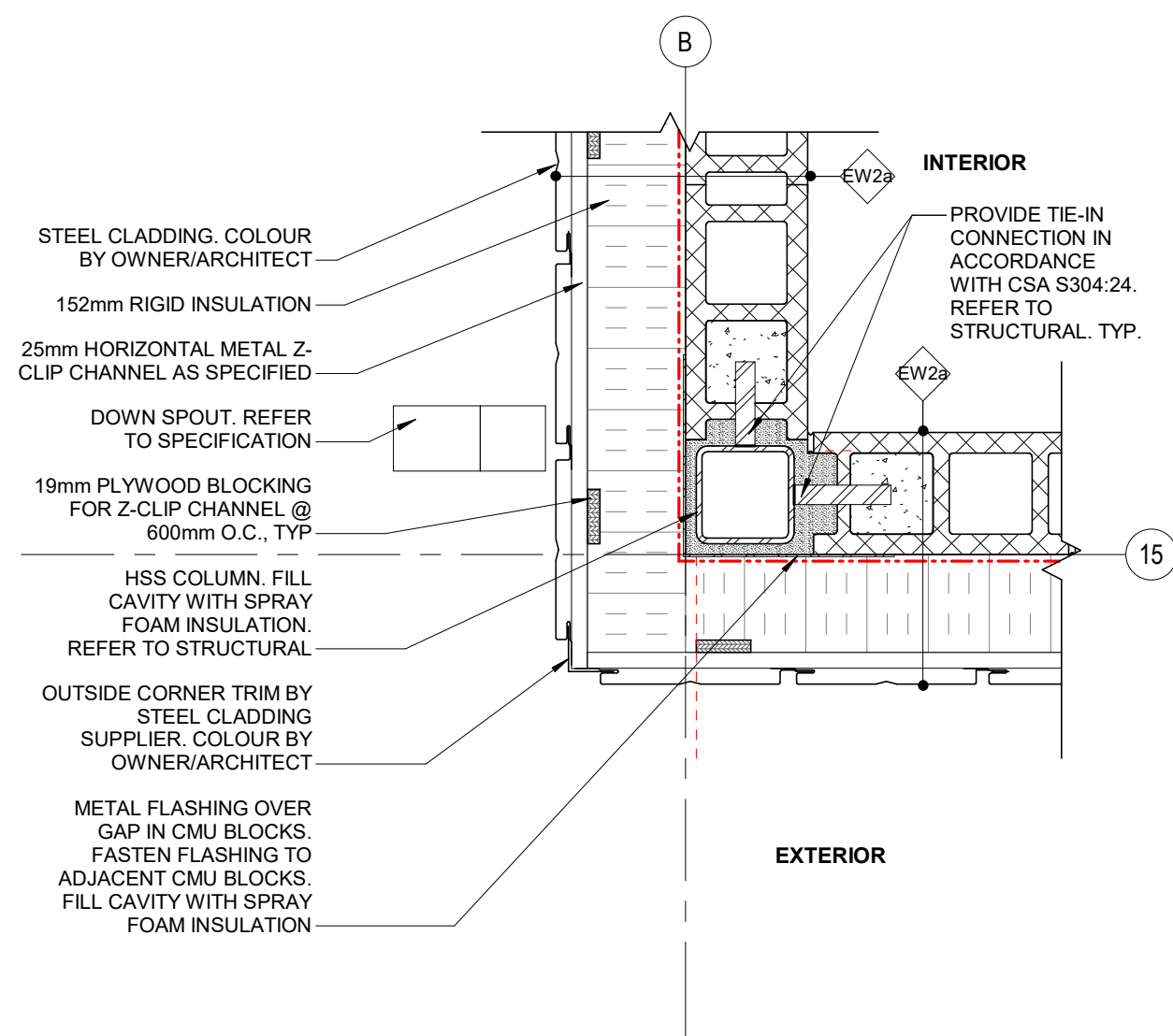
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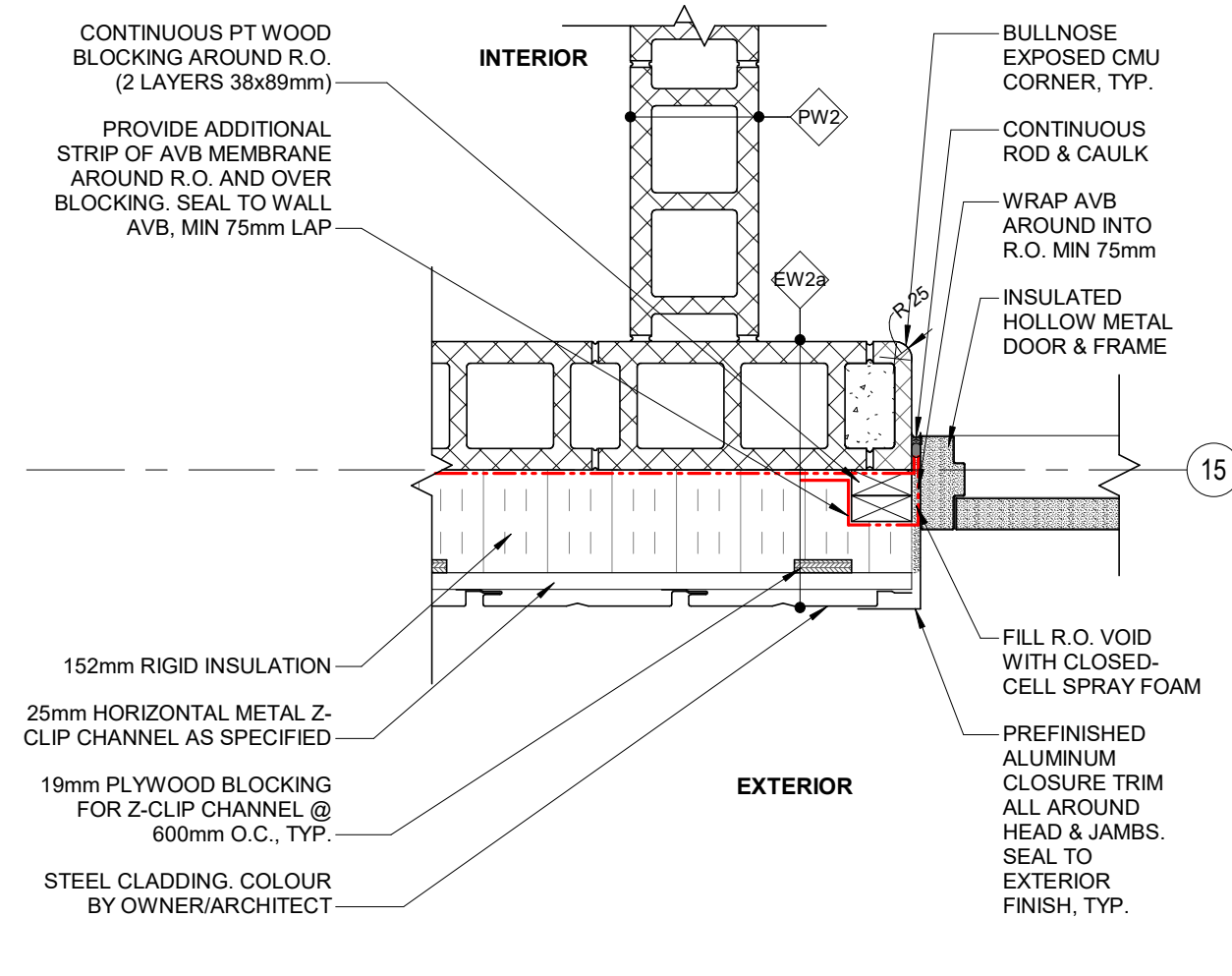
1 WEST WALL AT EXISTING
AE-500 1 : 10



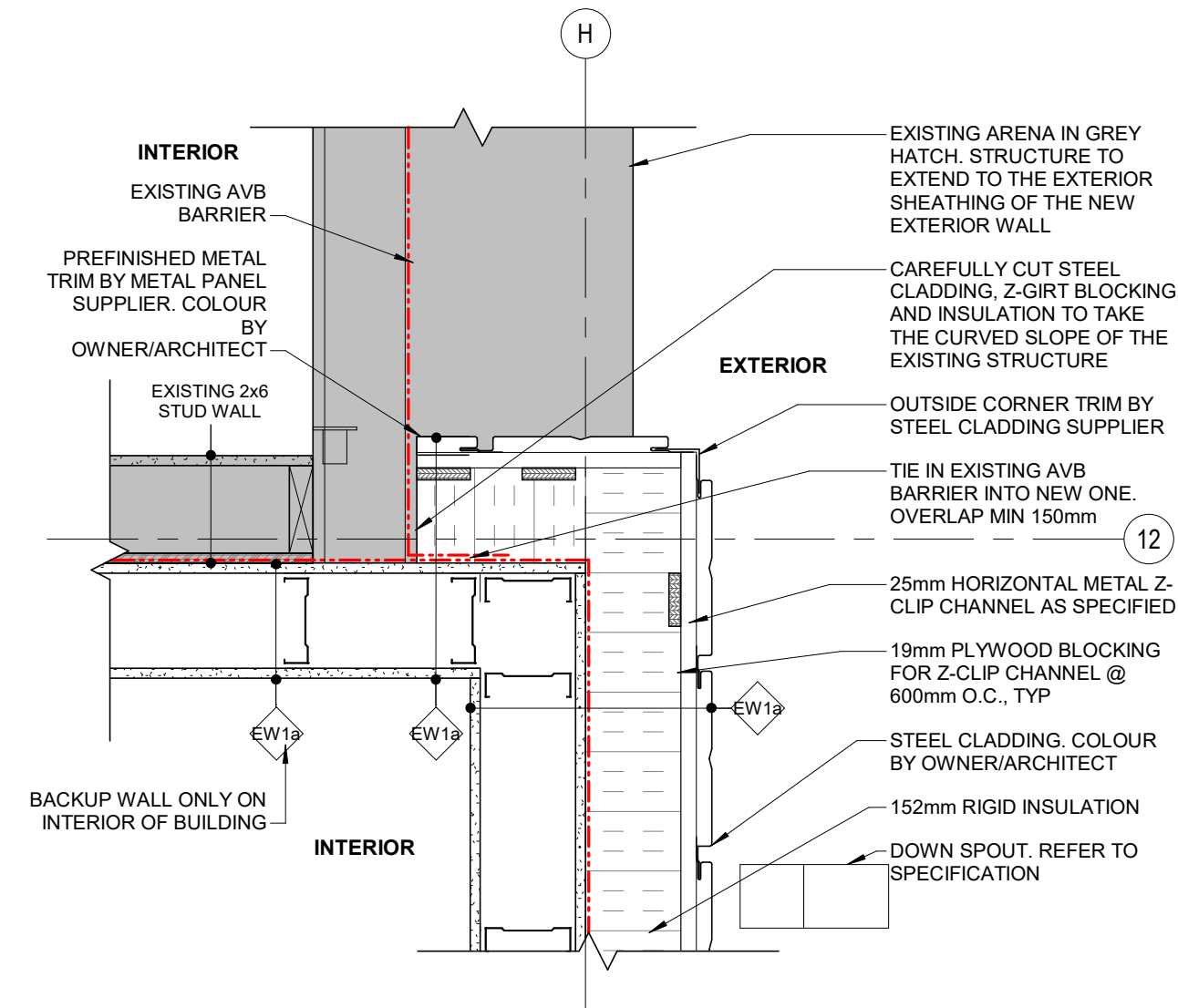
3 EXTERIOR WALL @ COLUMN
AE-500 1 : 10



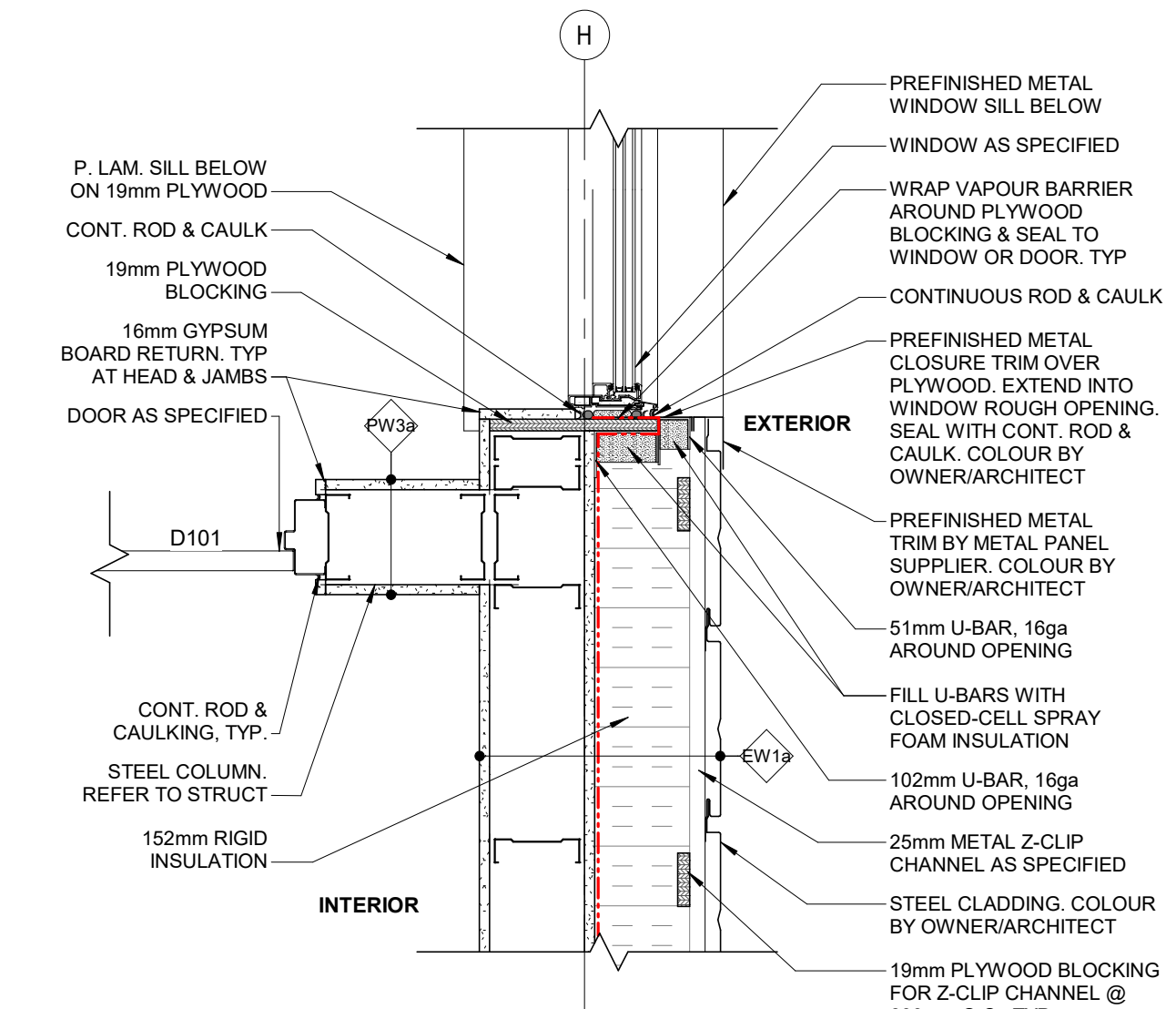
5 TYP. OUTSIDE CORNER
AE-500 1 : 10



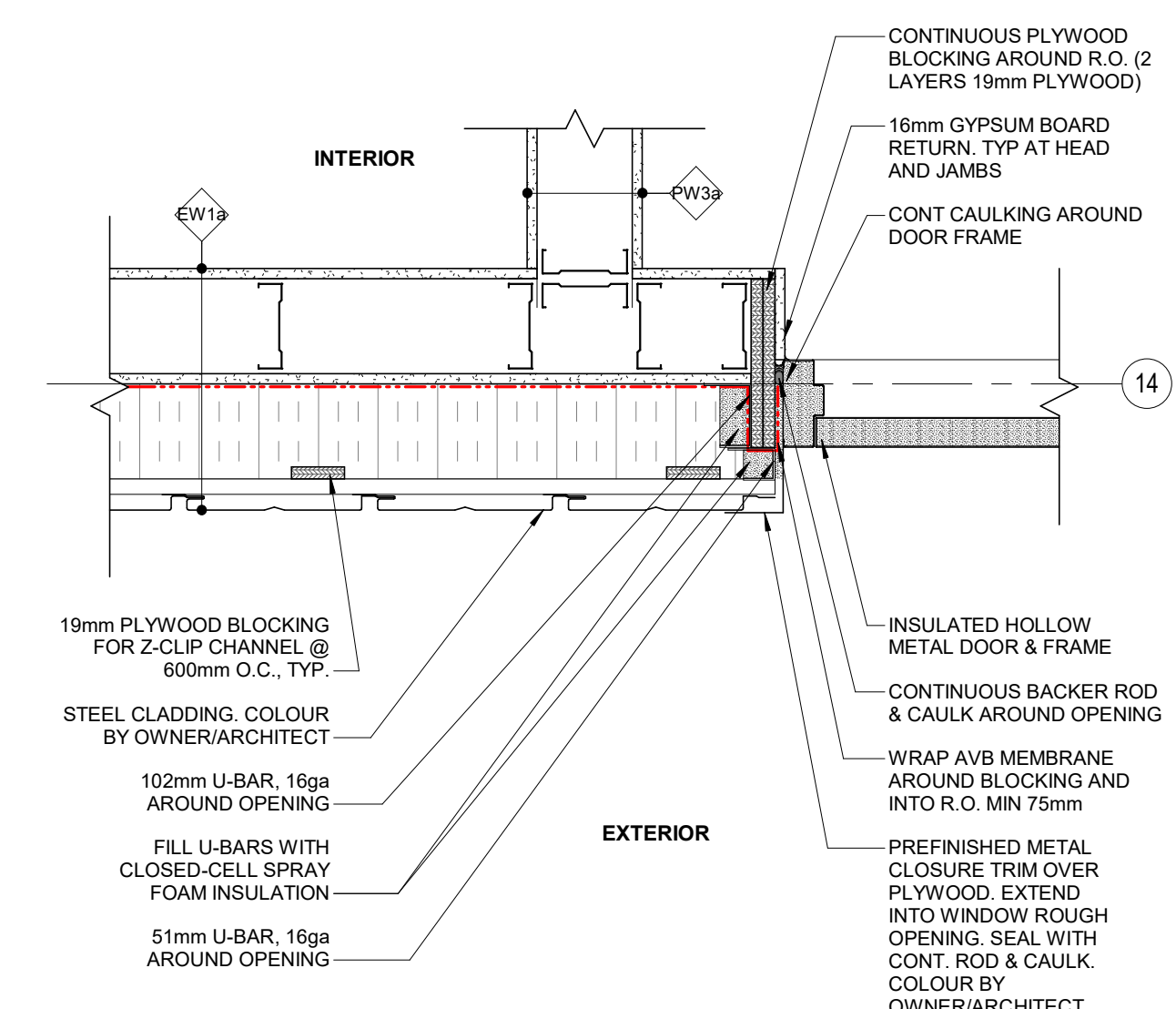
6 ENTRY DOOR
AE-500 1 : 10



2 EAST WALL AT EXISTING
AE-500 1 : 10



4 PW2 @ W1
AE-500 1 : 10



7 ALUMINUM DOOR AT W1
AE-500 1 : 10

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PROJECT NORTH



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PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
PLAN DETAILS - EXTERIOR

SCALE
PROJECT NUMBER
DRAWN BY

1 : 10
2024.01200
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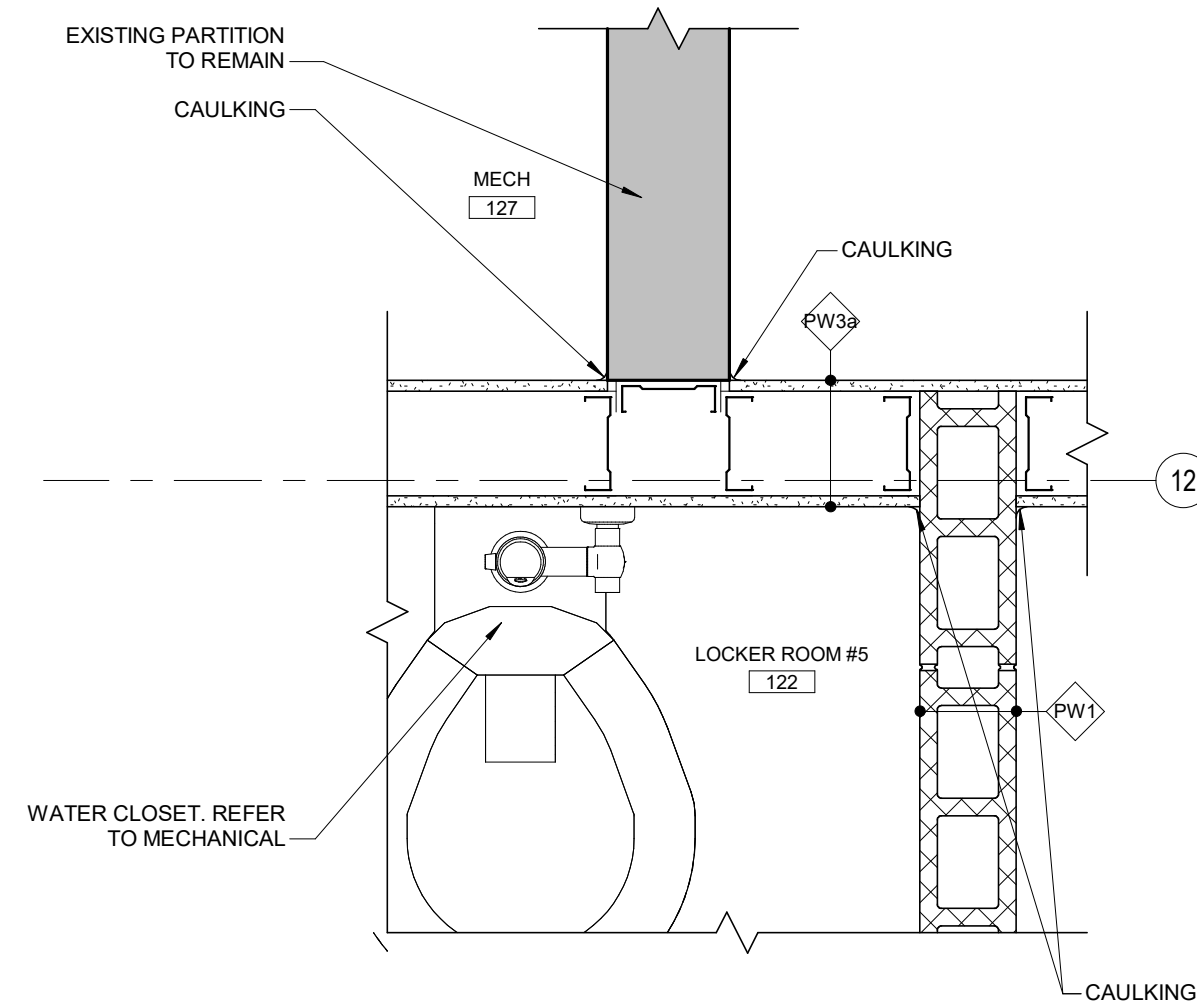
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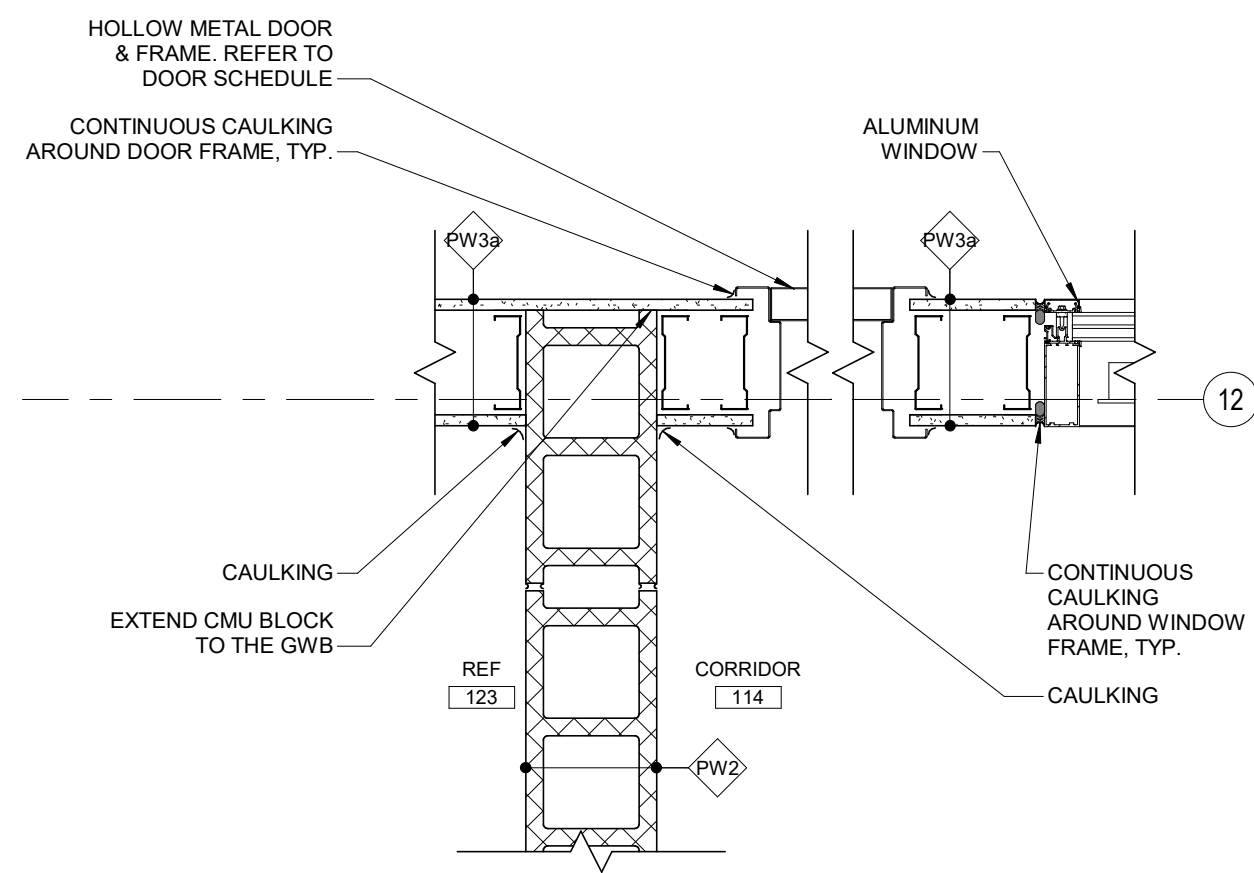
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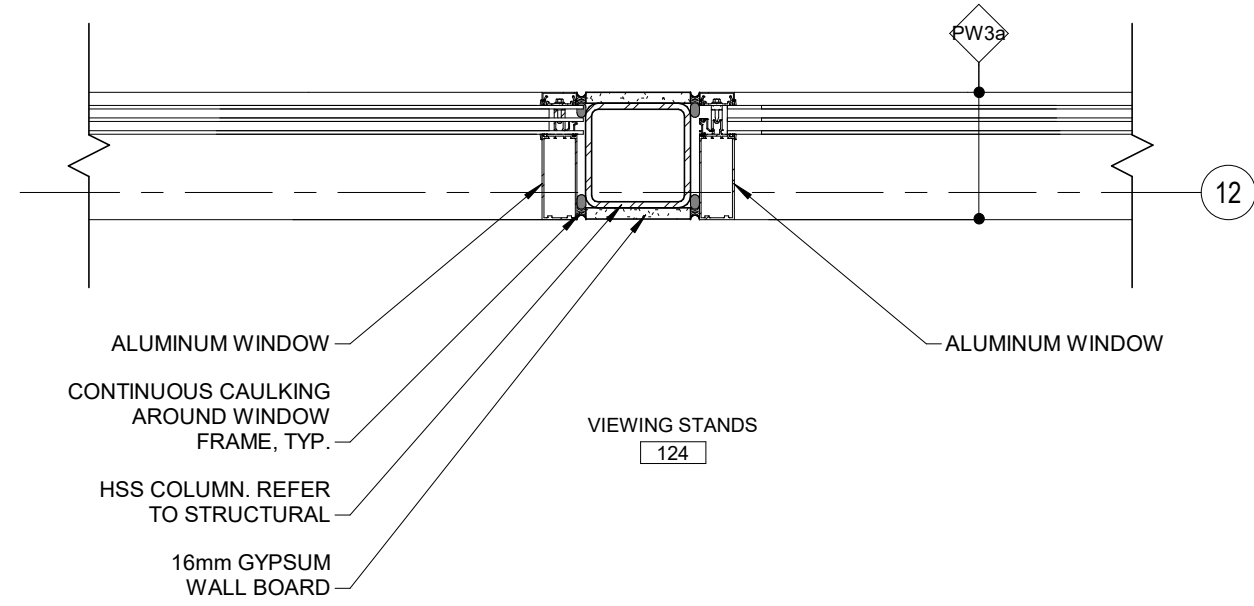
GENERAL NOTES



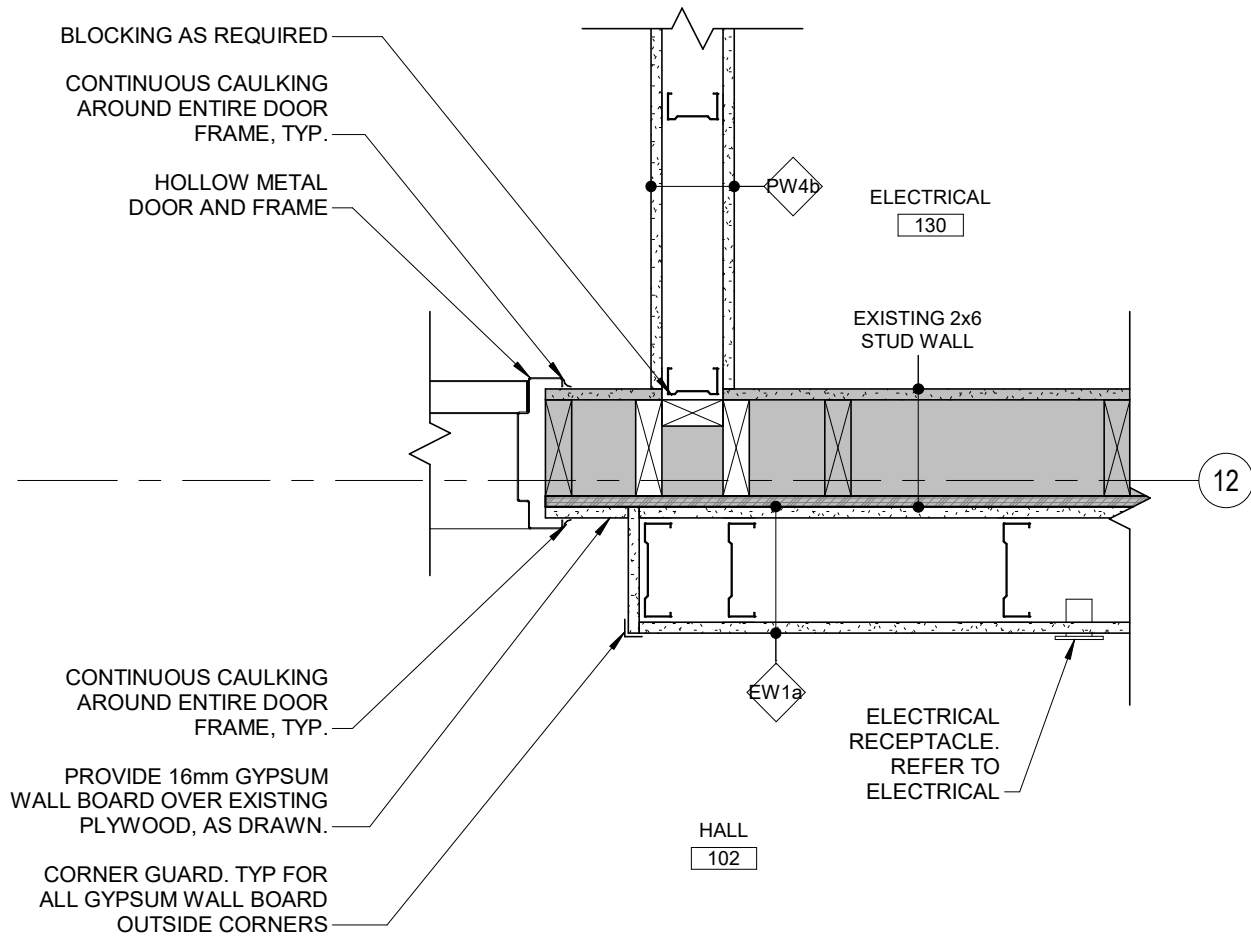
1 PW3a @ EXISTING WALL TIE-IN
AE-501 1:10



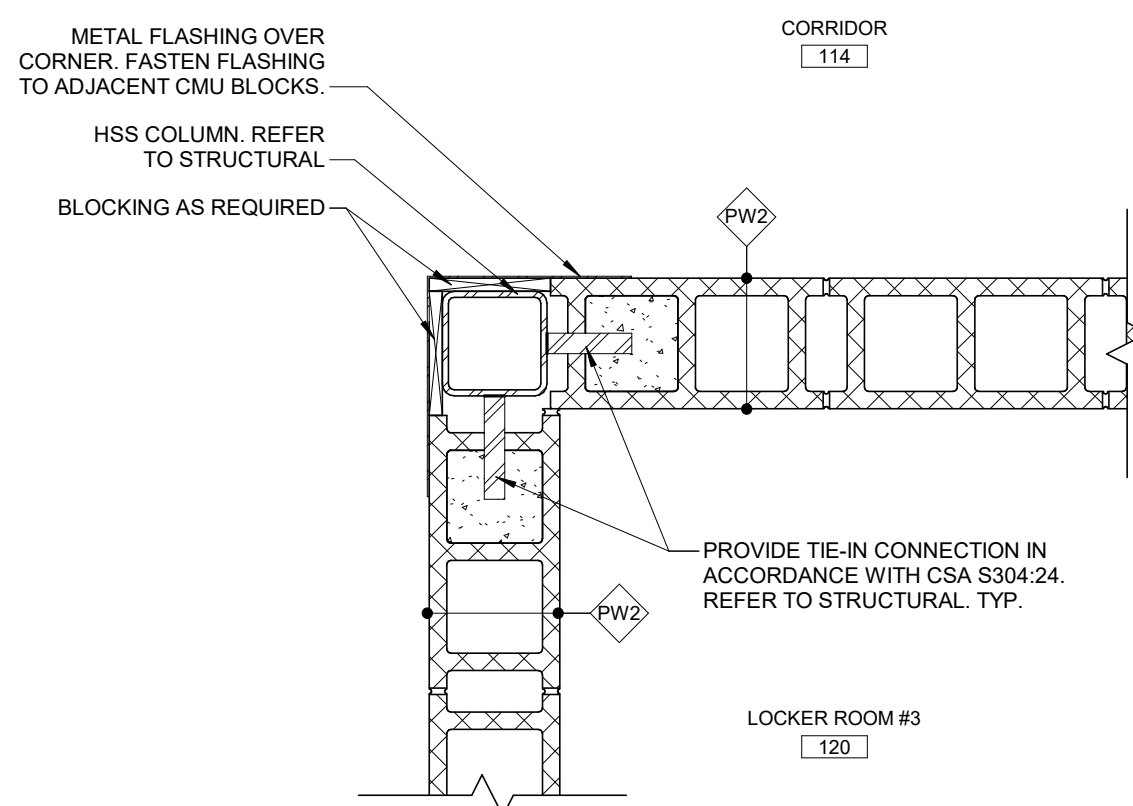
2 PW2 @ PW3a CONNECTION
AE-501 1:10



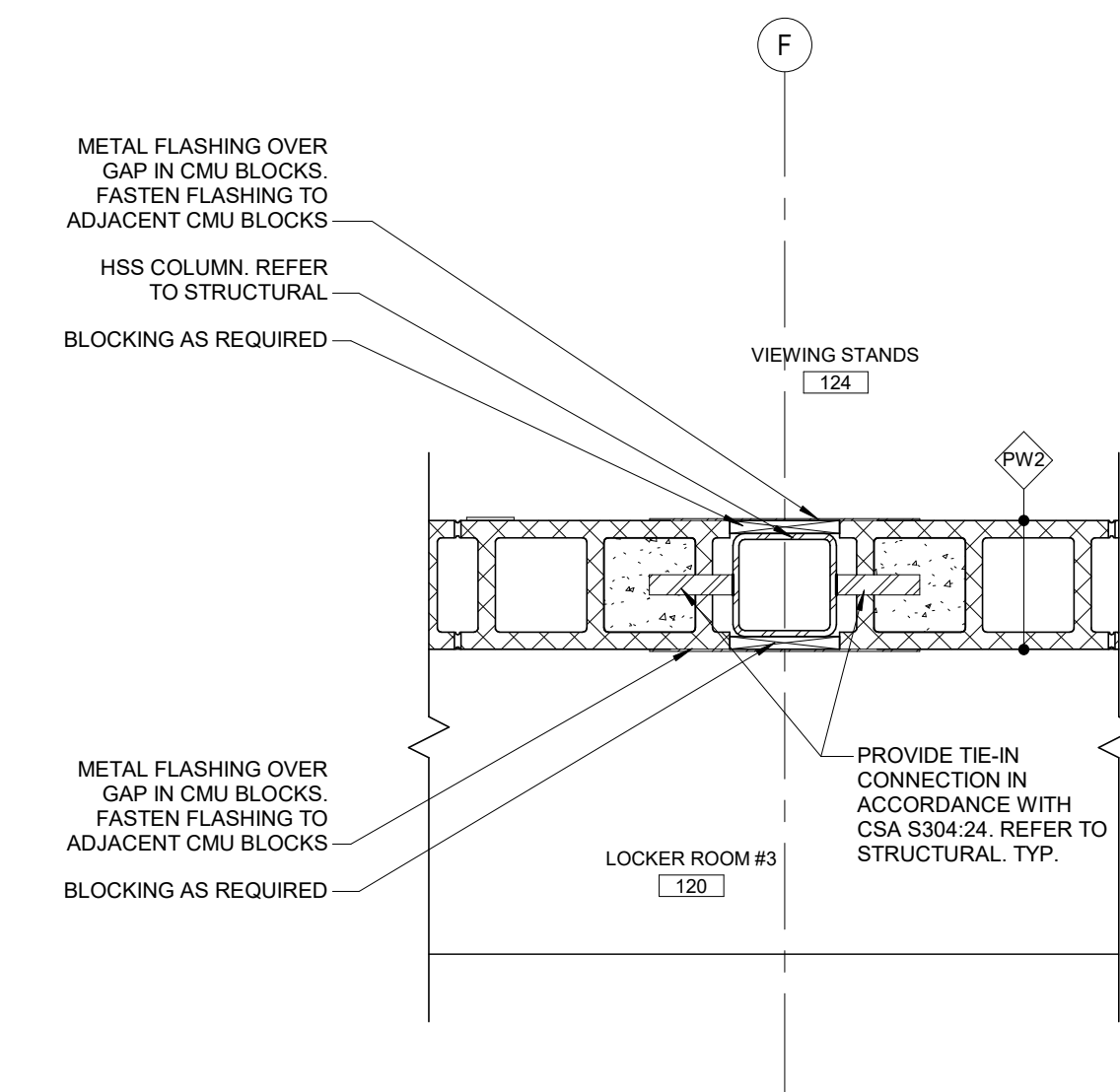
3 WINDOW W-01 @ COLUMN
AE-501 1:10



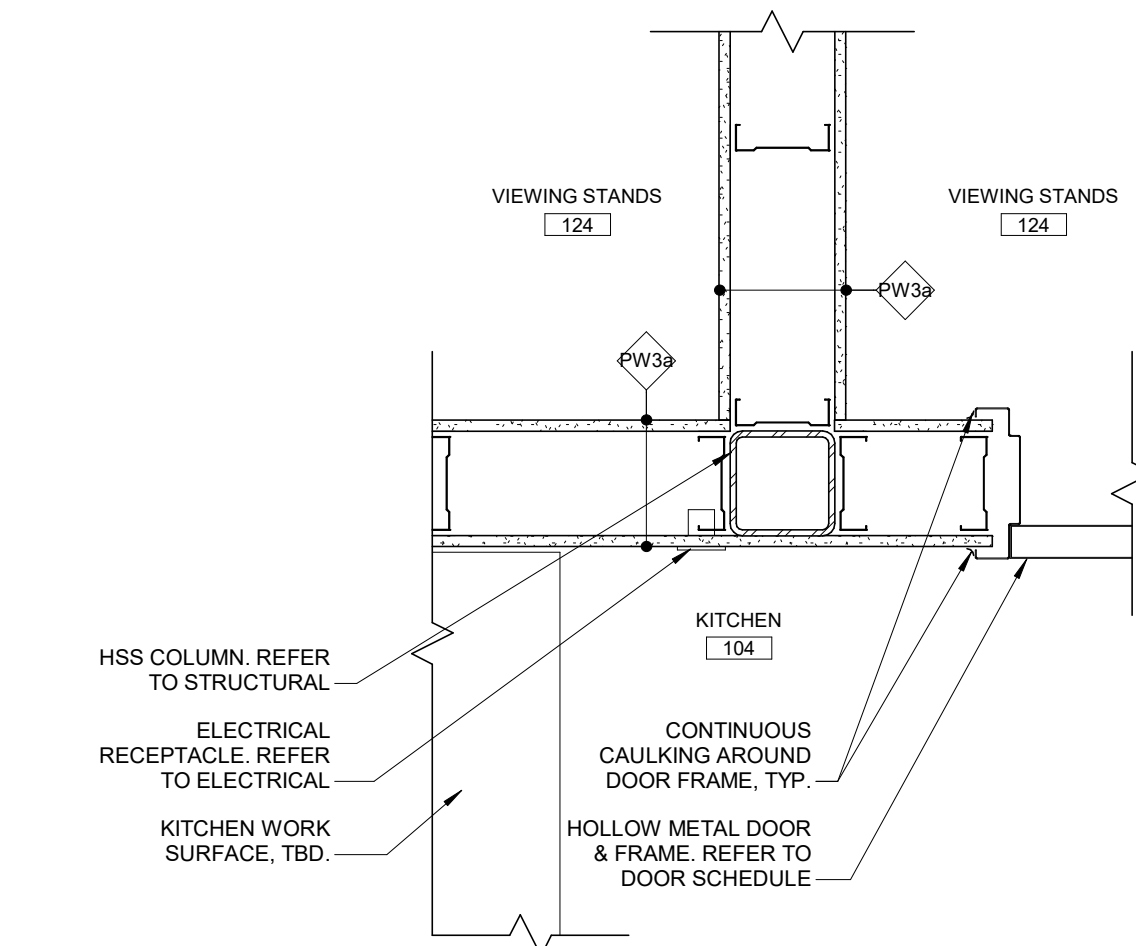
4 EW1a BACKUP WALL
AE-501 1:10



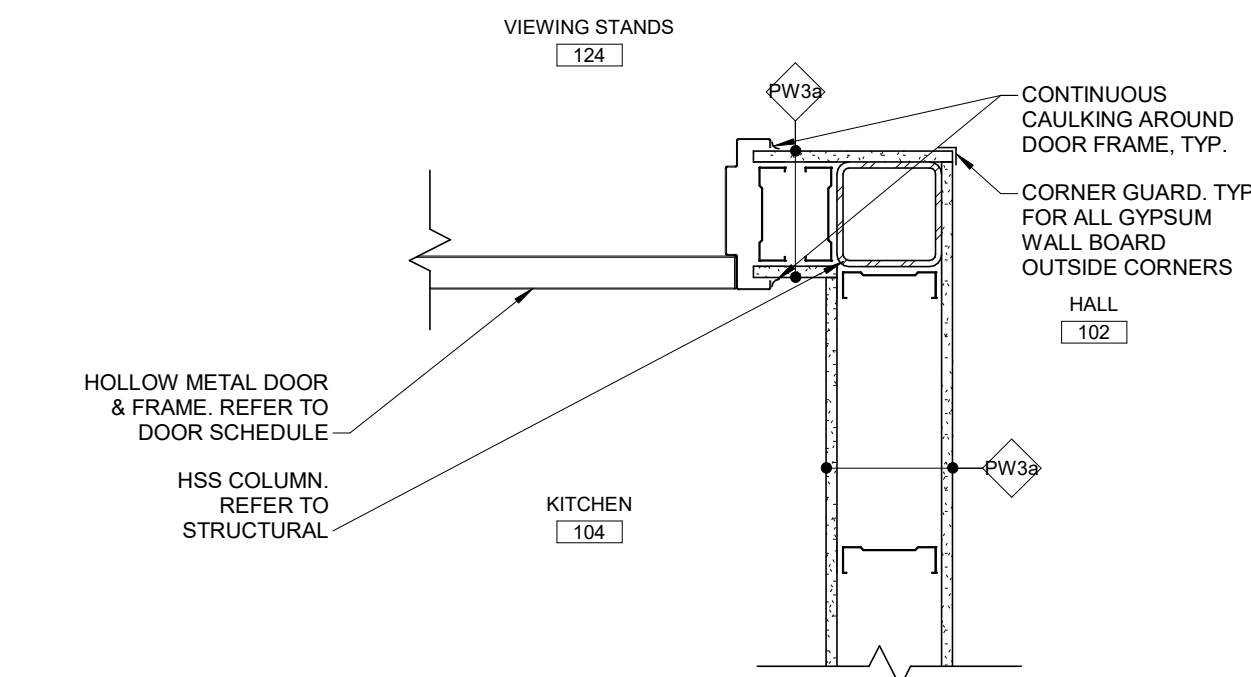
5 PW2 @ CORNER C/W COLUMN
AE-501 1:10



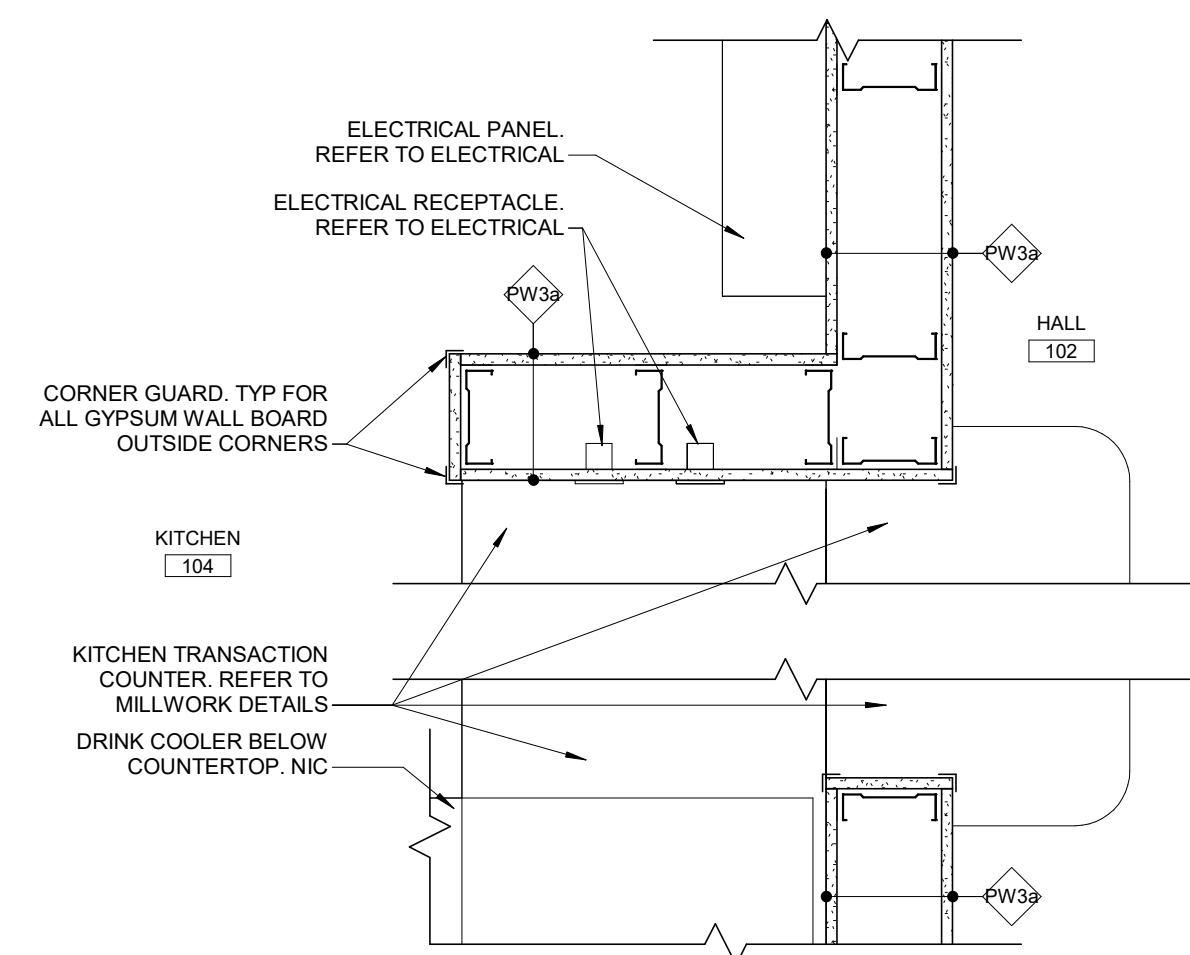
6 TYP PW2 @ COLUMN
AE-501 1:10



7 PW3a @ COLUMN & DOOR
AE-501 1:10



8 PW3a CORNER C/W COLUMN & DOOR
AE-501 1:10



9 PW3a @ SERVICE COUNTER
AE-501 1:10

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH

PERMIT / STAMP



OWNER

RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

PLAN DETAILS - INTERIOR

SCALE

PROJECT NUMBER
DRAWN BY

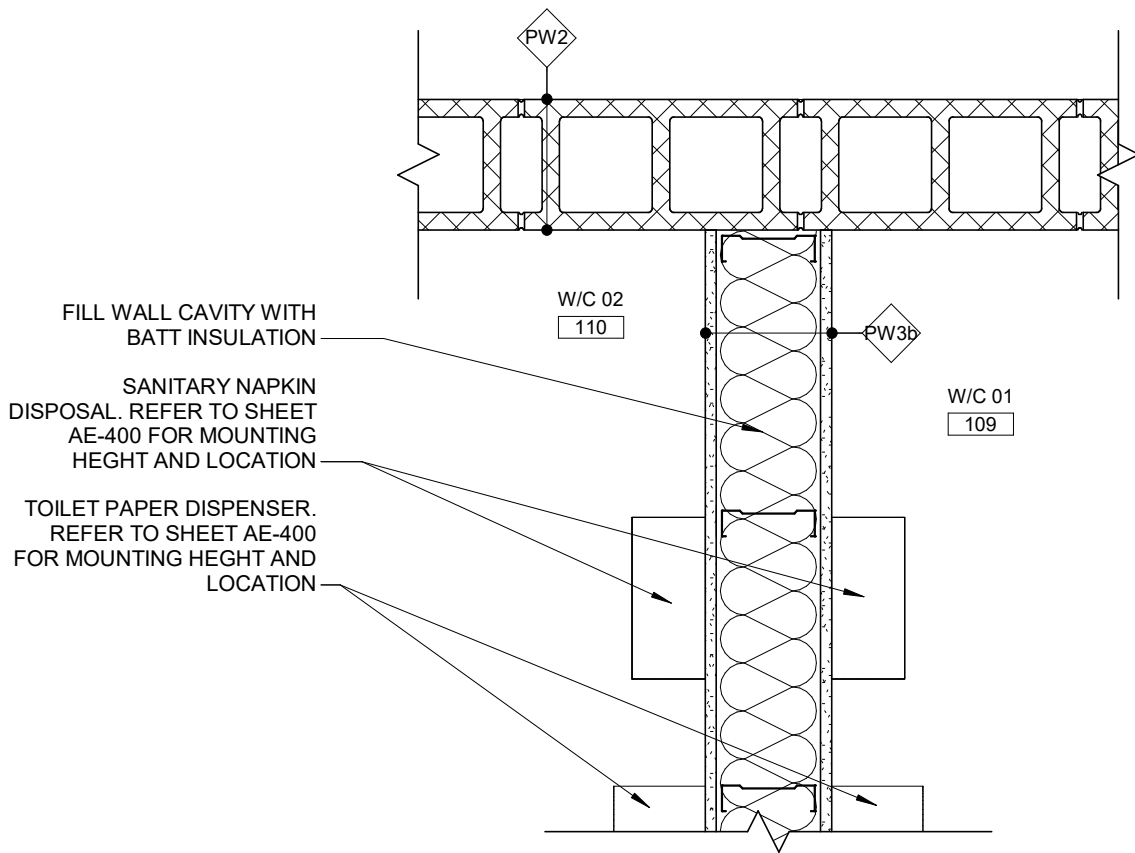
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SM

AE-501

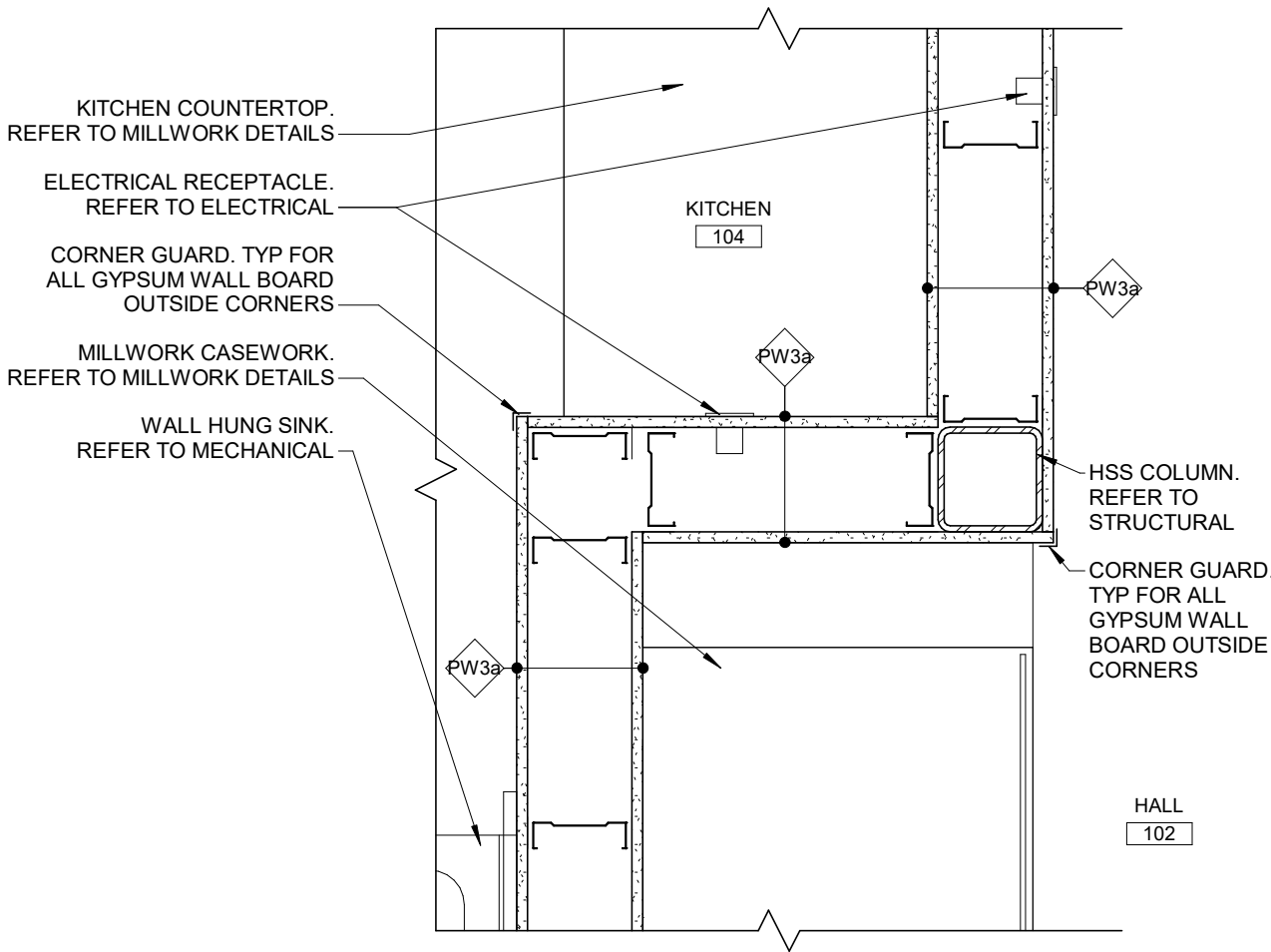
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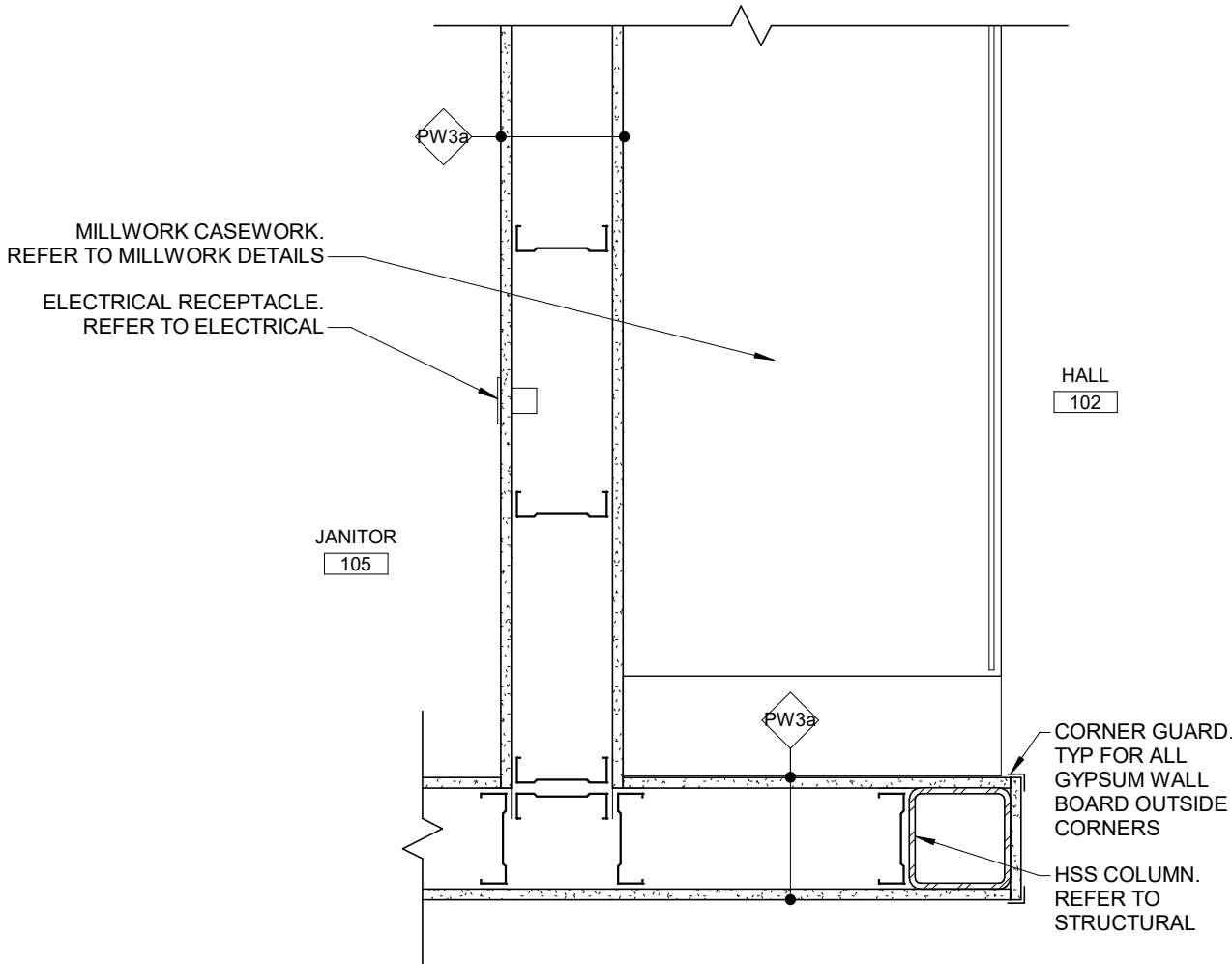
GENERAL NOTES



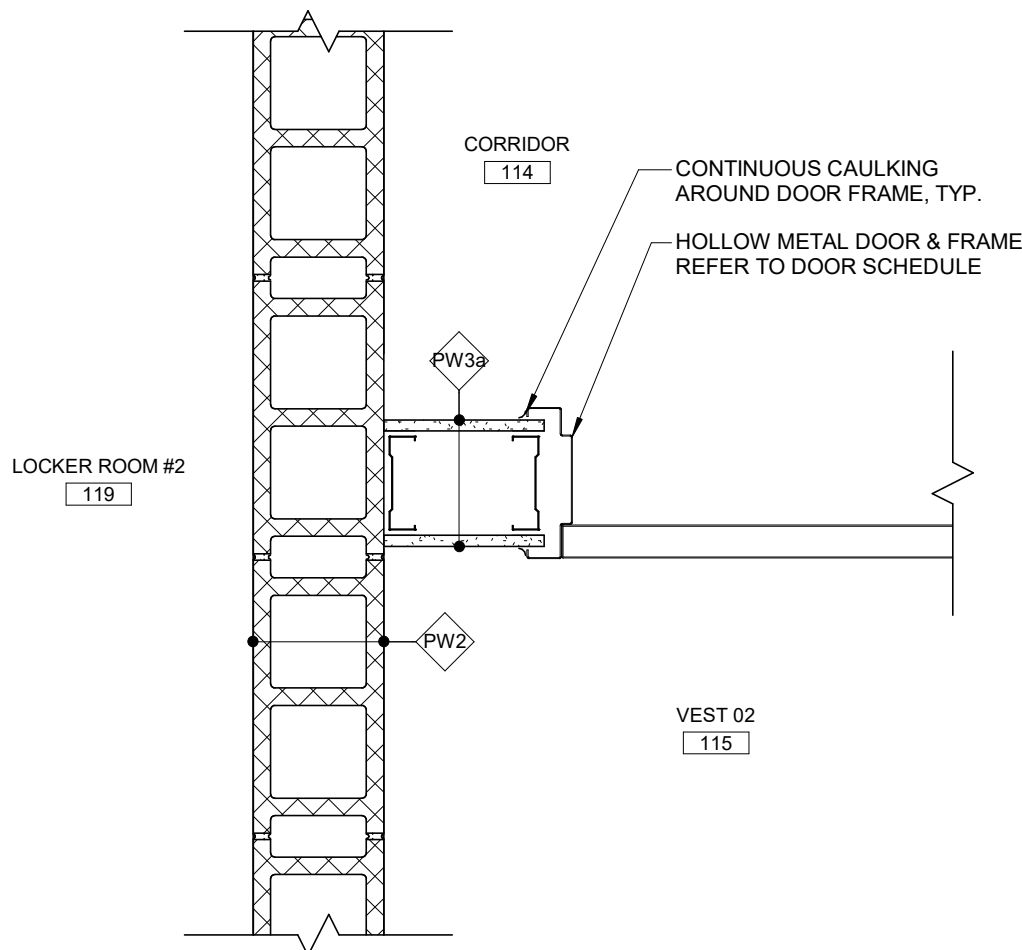
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AE-502
PW2 @ PW3
1 : 10



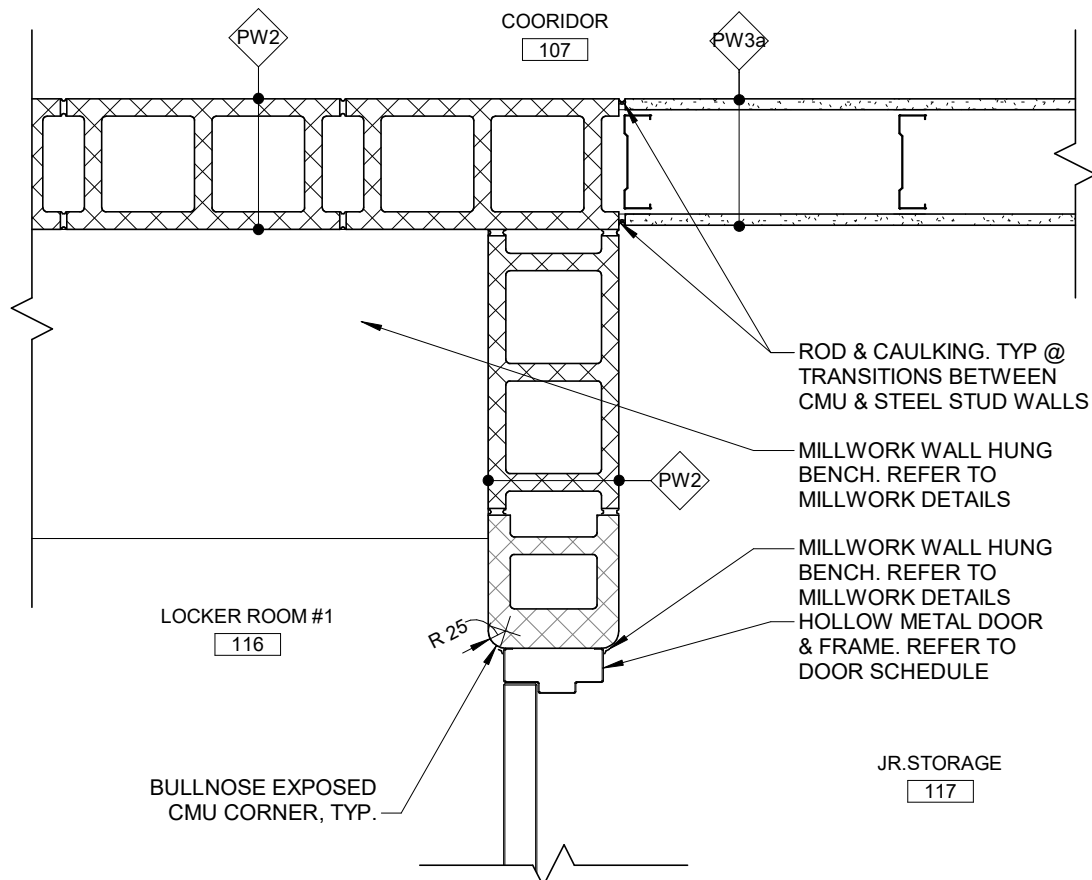
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AE-502
PW3 @ CORNER C/W COLUMN
1 : 10



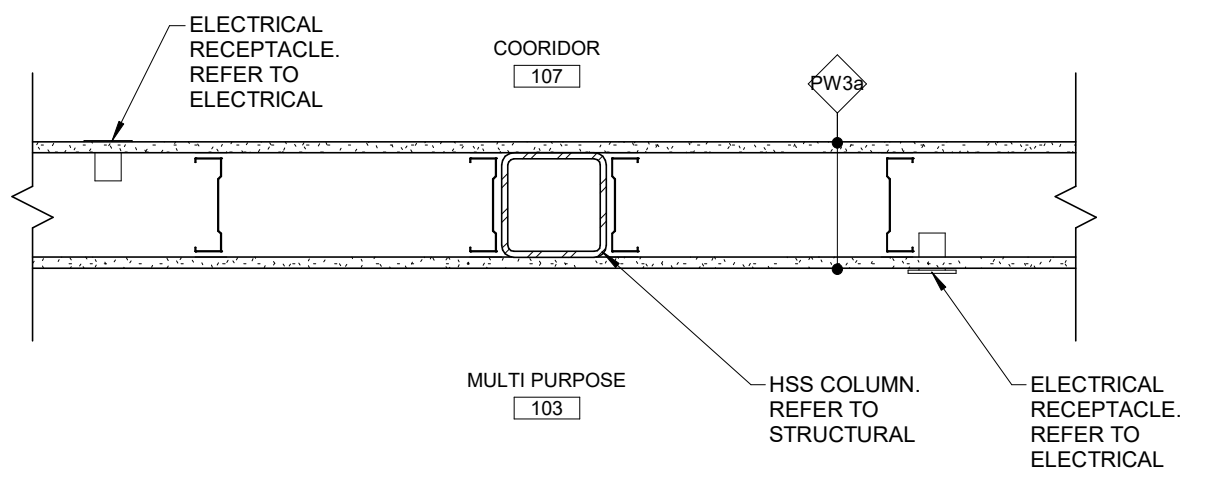
3
AE-502
PW3 WING WALL
1 : 10



4
AE-502
PW2 @ VESTIBULE DOOR
1 : 10



5
AE-502
PW2 CORNER @ PW3
1 : 10



6
AE-502
TYP PW3 @ COLUMN
1 : 10

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH

PERMIT / STAMP



OWNER
RM OF HANOVER

PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

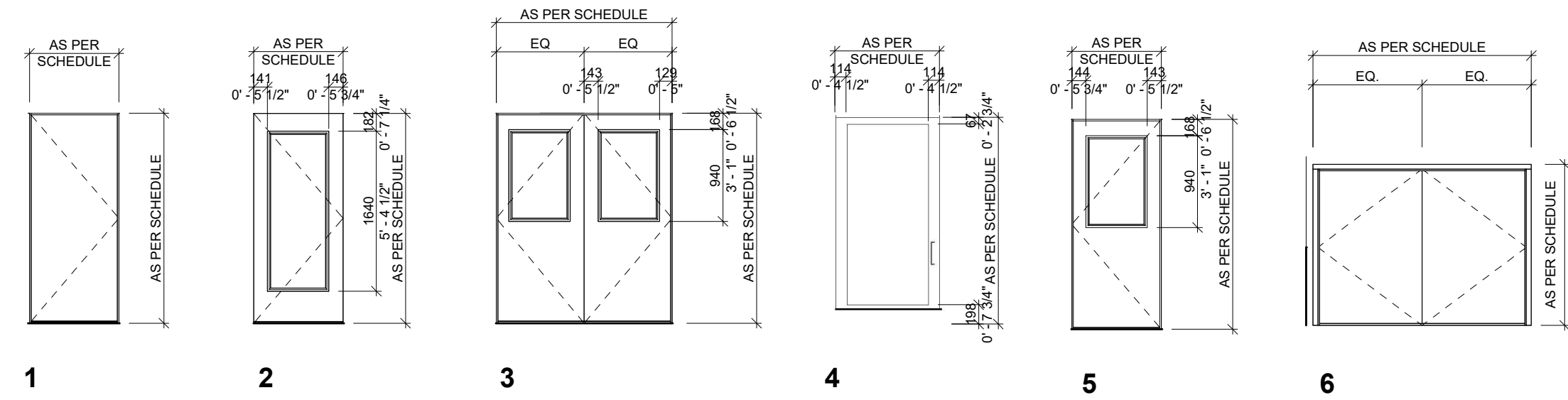
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PLAN DETAILS - INTERIOR

SCALE
PROJECT NUMBER
DRAWN BY

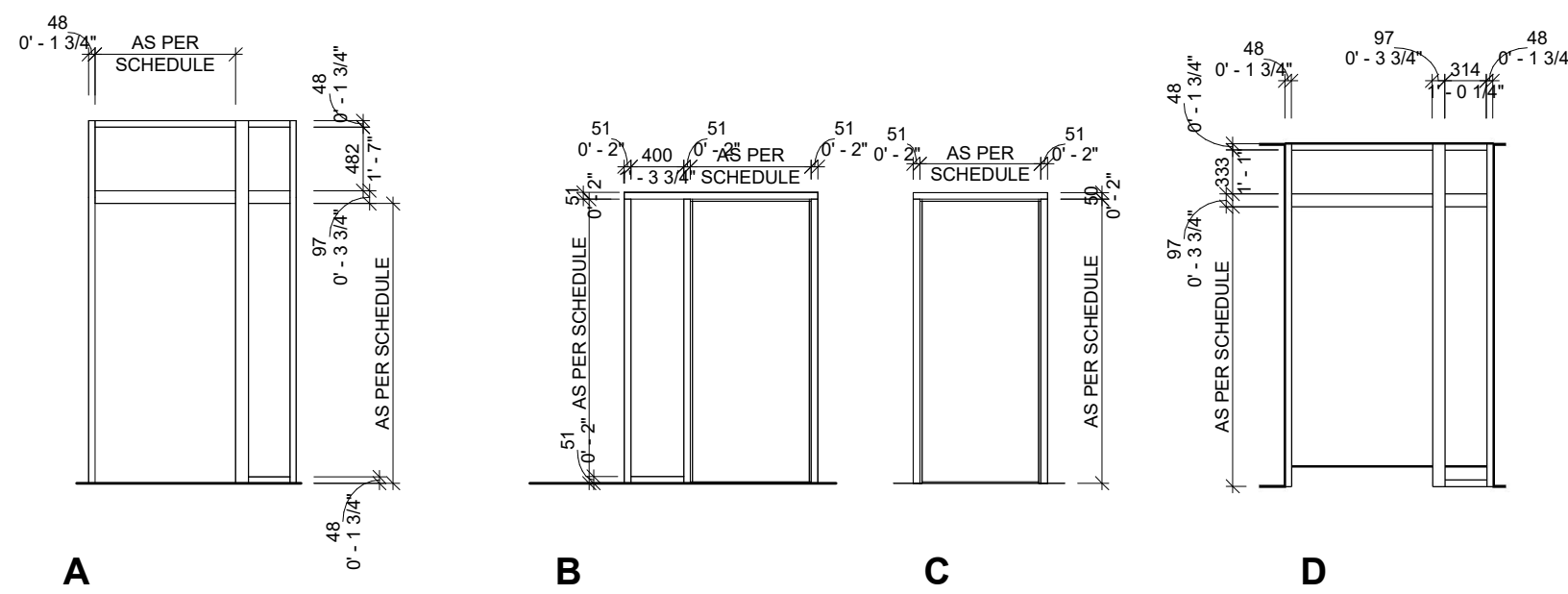
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AE-502

DOOR TYPES

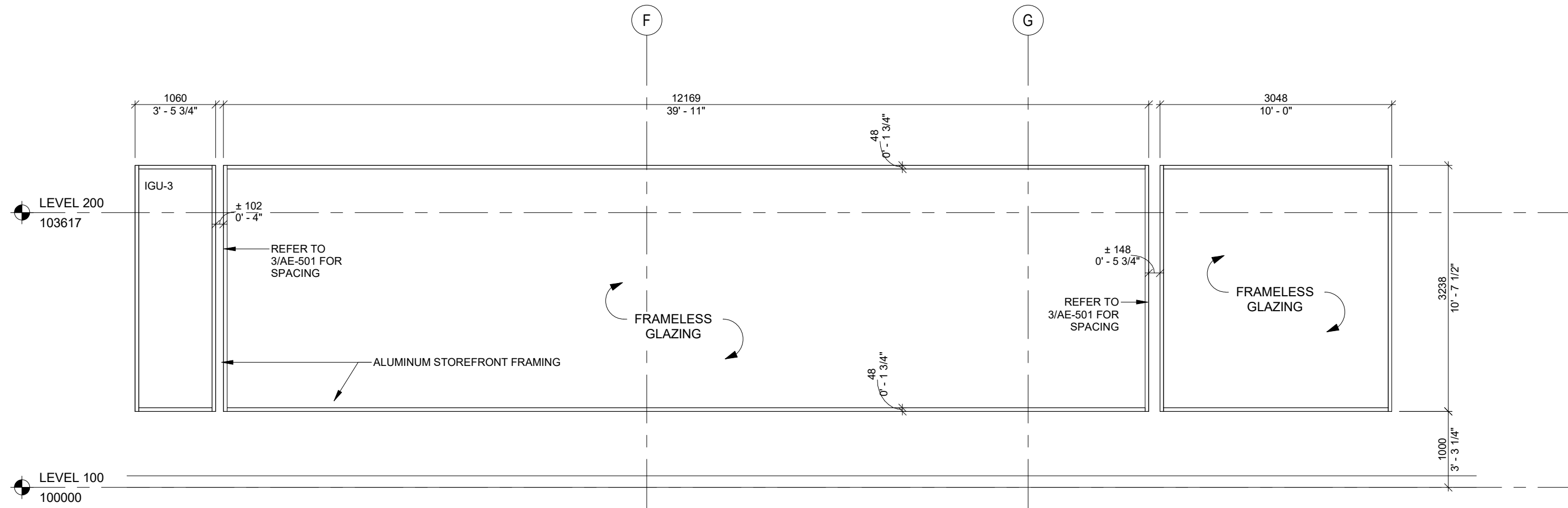


FRAME TYPES

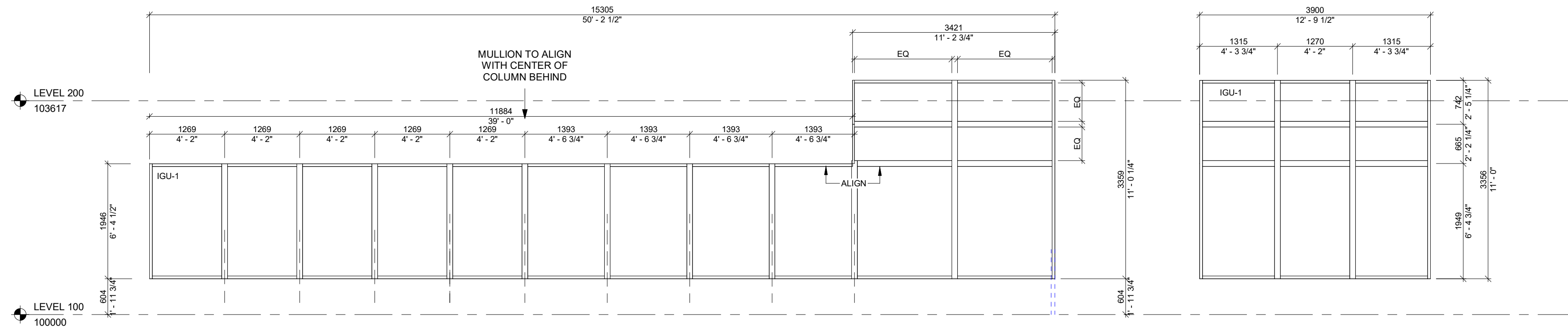


WINDOW TYPES

NOTE: CONTRACTOR TO SITE MEASURE ALL DIMENTIONS PRIOR TO FABRICATION & INSTALL



W-01 : ARENA VIEWING AREA



W-02 : MAIN HALL

ROOM FINISH SCHEDULE																				
ROOM		FLOOR				WALLS												CEILING		REMARKS
No.	NAME	FIN	BASE	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN			
100	MAIN VESTIBULE	POLISHED CONC	RUBBER	GWB	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	WOOD	STAIN				
101	COAT CHECK	POLISHED CONC	RUBBER	GWB	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	ACT	PRE-FIN				
102	HALL	POLISHED CONC	RUBBER	GWB	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	CMU	PAINT	EXPOSED	PAINT				
103	MULTI PURPOSE	POLISHED CONC	RUBBER	GWB	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	EXPOSED	PAINT				
104	KITCHEN	COVED	PAINT	GWB	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	ACT	PRE-FIN				
105	JANITOR	PAINTED CONC	RUBBER	GWB	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	ACT	PRE-FIN				
106	STORAGE	SEALED CONC	RUBBER	GWB	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	EXPOSED	PAINT				
107	COORDOR	POLISHED CONC	RUBBER	CMU	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	CMU	PAINT	EXPOSED	PAINT				
108	UTR	POLISHED CONC	RUBBER	CMU	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT				
109	W/C 01	POLISHED CONC	RUBBER	CMU	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT				
110	W/C 02	POLISHED CONC	RUBBER	CMU	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT				
111	W/C 03	POLISHED CONC	RUBBER	CMU	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT				
112	W/C 04	POLISHED CONC	RUBBER	CMU	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT				
113	W/C 05	POLISHED CONC	RUBBER	CMU	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	CMU	PAINT	GWB	PAINT				
114	CORRIDOR	RAF	RUBBER	GWB	PAINT	CMU	PAINT	CMU	PAINT	GWB	PAINT	CMU	PAINT	CMU	PAINT	ACT	PRE-FIN			
115	VEST 02	POLISHED CONC	RUBBER	CMU	PAINT	GWB	PAINT	CMU	PAINT	GWB	PAINT	CMU	PAINT	CMU	PAINT	ACT	PRE-FIN			
116	LOCKER ROOM #1	RAF	RUBBER	CMU	PAINT	CMU	PAINT	CMU	PAINT	CMU/CT	PAINT/PRE-FIN	CMU	PAINT	CMU	PAINT	EXPOSED	PAINT			
117	JR STORAGE	PAINTED CONC	RUBBER	CMU	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	CMU	PAINT	CMU	PAINT	ACT	PRE-FIN			
118	WATER	SEALED CONC	RUBBER	GWB	PAINT	GWB	PAINT	PAINT	GWB	PAINT	GWB	PAINT	CMU	PAINT	CMU	PAINT	EXPOSED			
119	LOCKER ROOM #2	RAF	RUBBER	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	EXPOSED	PAINT			
120	LOCKER ROOM #3	RAF	RUBBER	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	EXPOSED	PAINT			
121	LOCKER ROOM #4	RAF	RUBBER	CMU/CT	PAINT/PRE-FIN	CMU	PAINT	CMU	PAINT	CEMENT BD/CT	PRE-FIN	CEMENT BD/CT	PRE-FIN	CEMENT BD/CT	PRE-FIN	EXPOSED	PAINT			
122	LOCKER ROOM #5	RAF	RUBBER	CMU/CT	PAINT/PRE-FIN	CMU	PAINT	CMU	PAINT	CEMENT BD/CT	PRE-FIN	CEMENT BD/CT	PRE-FIN	CEMENT BD/CT	PRE-FIN	EXPOSED	PAINT			
123	REF	RAF	RUBBER	GWB	PAINT	GWB	PAINT	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	CMU/CT	PAINT/PRE-FIN	EXPOSED	PAINT			
124	VIEWING STANDS	POLISHED CONC	RUBBER	GWB	PAINT	GWB	PAINT	CMU/GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	EXPOSED	PAINT			
127	MECH	SEALED CONC	EXISTING	PAINT	EXISTING	PAINT	EXISTING	PAINT	EXISTING	PAINT	EXISTING	PAINT	EXISTING	PAINT	EXISTING	EXISTING	PAINT			
128	EXISTING GARAGE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING			
129	VEST 03	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING			
130	ELECTRICAL	SEALED CONC	RUBBER	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	EXISTING	PAINT			
131	VEST	RUBBER	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	EXISTING	PAINT			
200	MECHANICAL ATTIC	SEALED CONC	RUBBER	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	GWB	PAINT	EXPOSED	PAINT			

ABBREVIATIONS:

- ACT ACOUSTIC CEILING TILE
- CONC CONCRETE
- CMU CONCRETE MASONRY UNIT
- CT CERAMIC TILE
- GWB GYPSUM WALL BOARD
- PRE-FIN PRE-FINISHED
- RAF RESILIENT ATHLETIC FLOORING
- RSF RESILIENT SHEET FLOORING

DOOR SCHEDULE

ROOM NUMBER	ROOM NAME	DOOR No.	DOOR						FRAME						HDWE GROUP	COMMENTS
			WIDTH	HEIGHT	THICK	TYPE	MAT	FIN	TYPE	MAT	FIN	TYPE	MAT	FIN		
100	MAIN VESTIBULE	D100A	1071	2117	45	4	ALUM	ANNO	A	ALUM	A	01			IGU-2	
100	MAIN VESTIBULE	D100B	1066	2117	45	4	ALUM	ANNO	A	ALUM	ANNO	02			Safety Glass	
101	COAT CHECK	D101	915	2150	45	1	HM	PAINT	C	HM	PAINT	03				
102	HALL	D102	1800	2150	45	3	HM	PAINT	C	HM	PAINT	04			IGU-2	
103	MULTI PURPOSE	D103	915	2150	45	2	HM	PAINT	B	HM	PAINT	05			Safety Glass	
104	KITCHEN	D104	915	2150	45	5	HM	PAINT	C	HM	PAINT	06				
105	JANITOR	D105A	915	2150	45	1	HM	PAINT	C	HM	PAINT	07			45 min FRR	
105	JANITOR	D105B	915	2150	45	1	HM	PAINT	C	HM	PAINT	07			45 min FRR	
106	STORAGE	D106	915	2150	45	1	HM	PAINT	C	HM	PAINT	03				
107	COORDOR	D107	1100	2150	45	5	HM	PAINT	C	HM	PAINT	08				
108	UTR	D108	915	2150	45	1	HM	PAINT	C	HM	PAINT	09				
109	W/C 01	D109	915	2150	45	1	HM	PAINT	C	HM	PAINT	10				
110	W/C 02	D110	915	2150	45	1	HM	PAINT	C	HM	PAINT	10				
111	W/C 03	D111	915	2150	45	1	HM	PAINT	C	HM	PAINT	10				
112	W/C 04	D112	915	2150	45	1	HM	PAINT	C	HM	PAINT	10				
113	W/C 05	D113	915	2150	45	1	HM	PAINT	C	HM	PAINT	10				
114	CORRIDOR	D114	1800	2150	45	4	HM	PAINT	C	HM	PAINT	04				
115	VEST 02	D115A	1066	2117	45	4	ALUM	ANNO	A	ALUM	ANNO	11			IGU-2	
115	VEST 02	D115B	1066	2117	45	4	ALUM	ANNO	A	ALUM	ANNO	12			Safety Glass	
116	LOCKER ROOM #1	D116	1100	2150	45	1	HM	PAINT	C	HM	PAINT	13			Note 1	
117	JR STORAGE	D117	915	2150	45	1	HM	PAINT	C	HM	PAINT	14			Note 1	
118	WATER	D118	915	2150	45	1	HM	PAINT	C	HM	PAINT	03				
119	LOCKER ROOM #2	D119	1100	2150	45	1	HM	PAINT	C	HM	PAINT	13			Note 1	
120	LOCKER ROOM #3	D120	1100	2150	45	1	HM	PAINT	C	HM	PAINT	13			Note 1	
121	LOCKER ROOM #4	D121	1100	2150	45	1	HM	PAINT	C	HM	PAINT	13			Note 1	
122	LOCKER ROOM #5	D122	915	2150	45	1	HM	PAINT	C	HM	PAINT	13			Note 1	
123	REF	D123	1100	2150	45	1	HM	PAINT	C	HM	PAINT	03			Note 1	
128	EXISTING GARAGE	D128A	915	2150	45	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
130	ELECTRICAL	D130	915	2150	45	1	HM	PAINT	C	HM	PAINT	15			45 min FRR	
131	VEST	D131B	1067	2150	45	1	HM	PAINT	C	HM	PAINT	17				
128	EXISTING GARAGE	D131C	915	2150	45	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
		D132A	1067	2150	45	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
		D200	2134	1600	45	6	HM	PAINT	C	HM	PAINT	18			45 min FRR	
		EX-131	1727	2032	45	EXISTING	EXISTING	PAINT	EXISTING	EXISTING	PAINT	16				

NOTES

1. PROVIDE UNDERCUT FOR THICKER FLOOR FINISH INTO ROOMS WITH ATHLETIC RESILIENT SHEET FLOORING

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CONSULTANTS

GENERAL NOTES

1	2026.06.03	ISSUED FOR TENDER/PERMIT
REV	DATE	DESCRIPTION

PROJECT NORTH

PERMIT / STAMP



OWNER

RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

SCHEDULES

SCALE

PROJECT NUMBER

DRAWN BY

1 : 50

2024.01200

Author

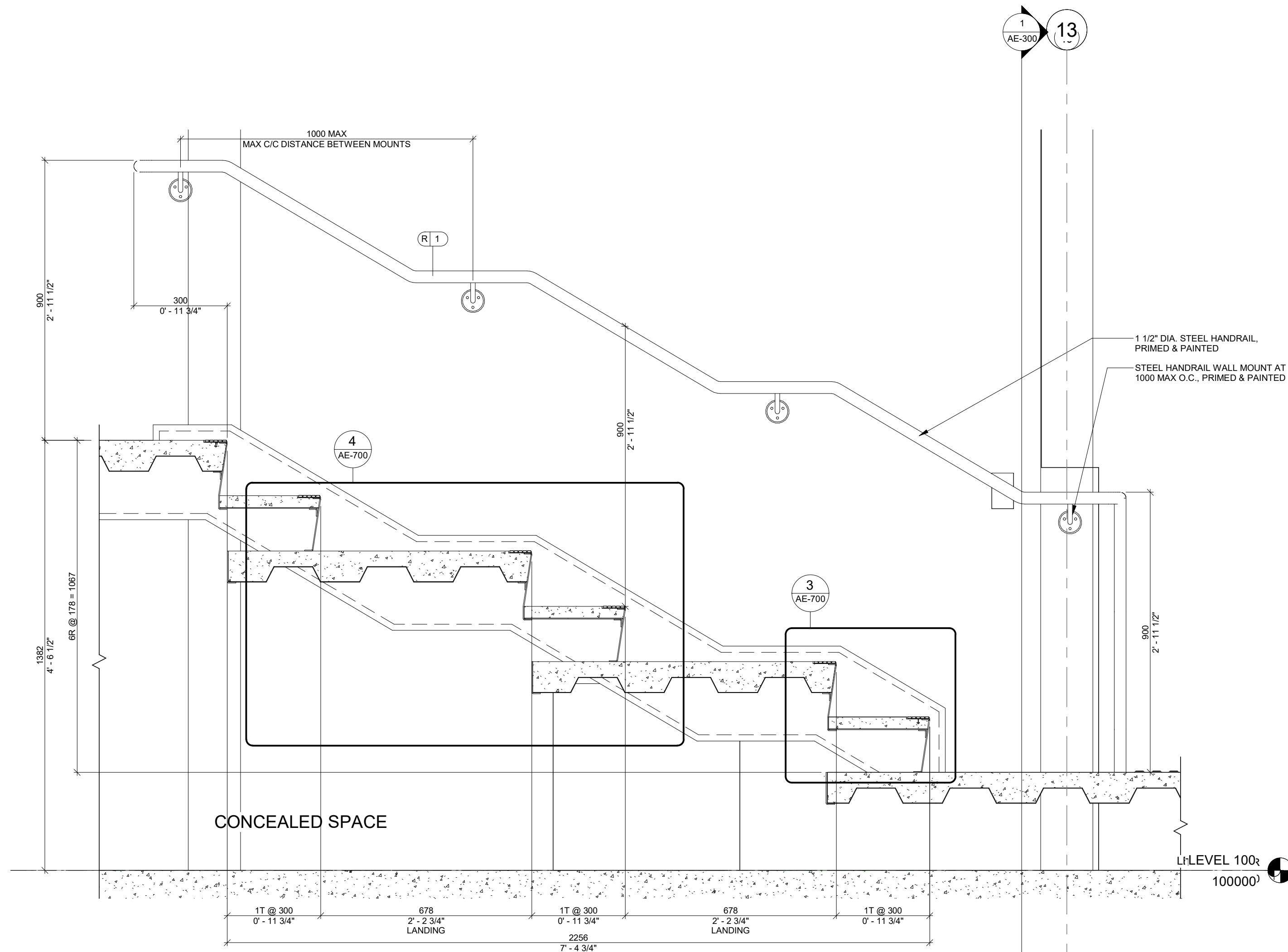
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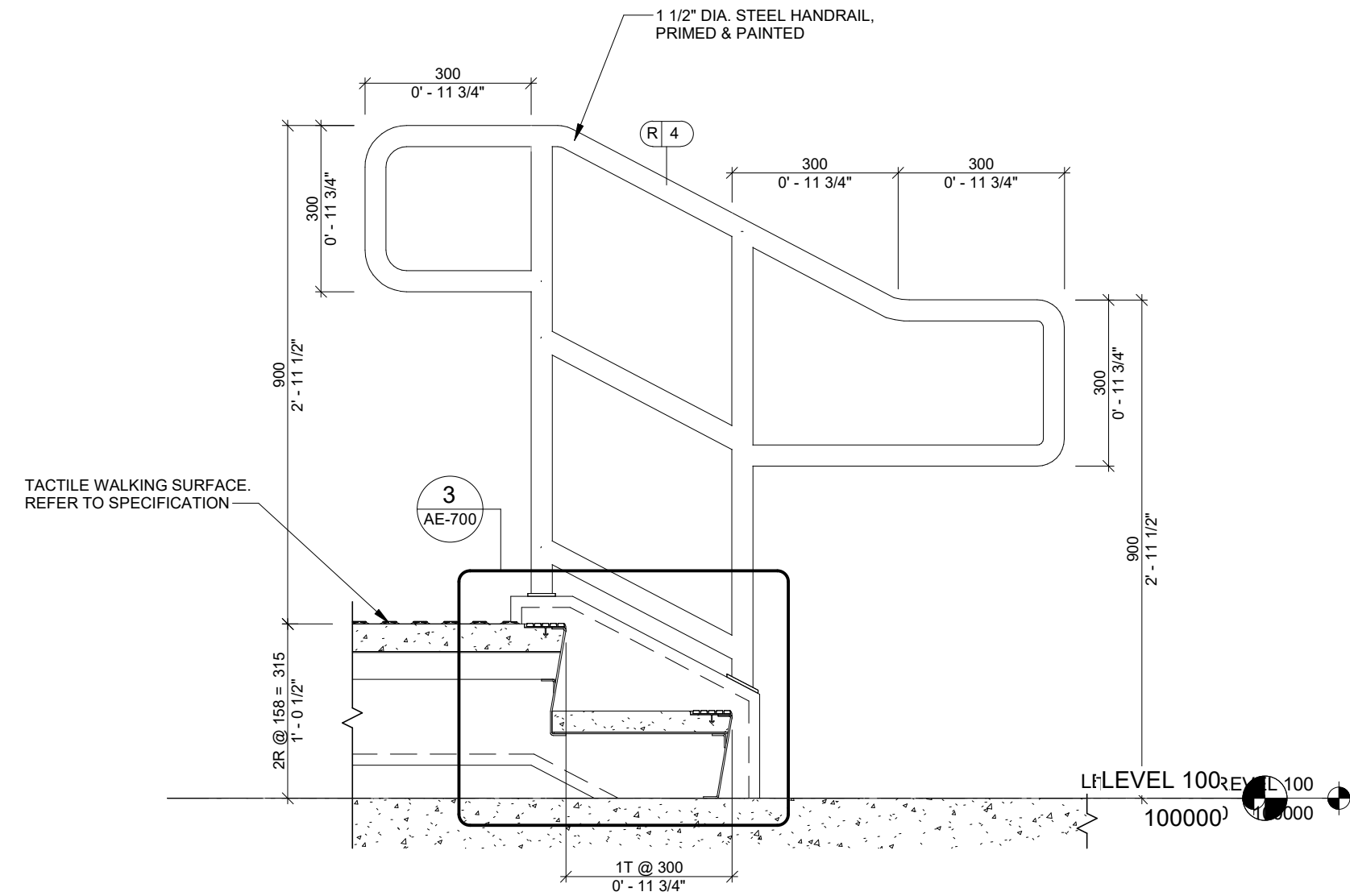
CONSULTANTS

GENERAL NOTES



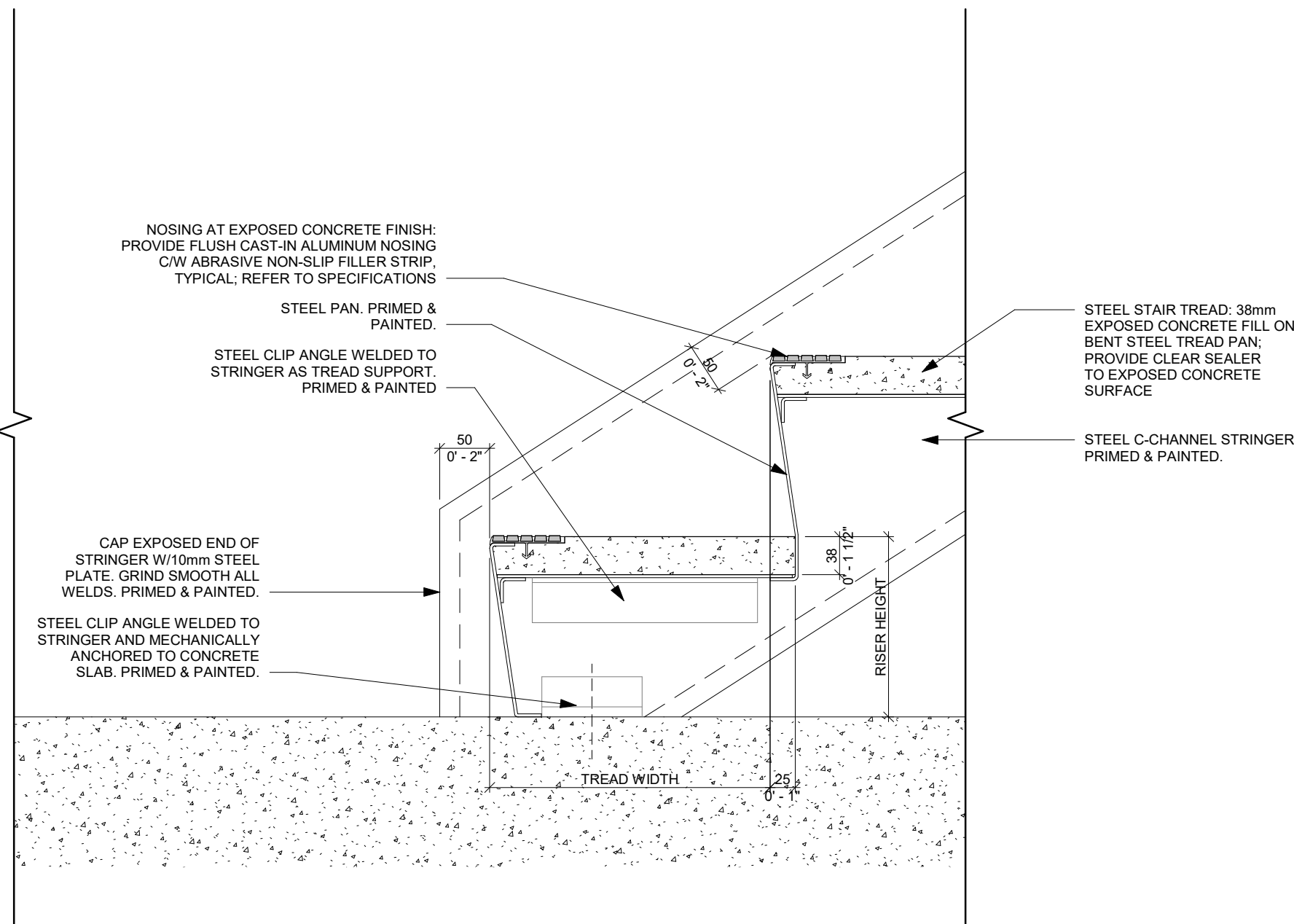
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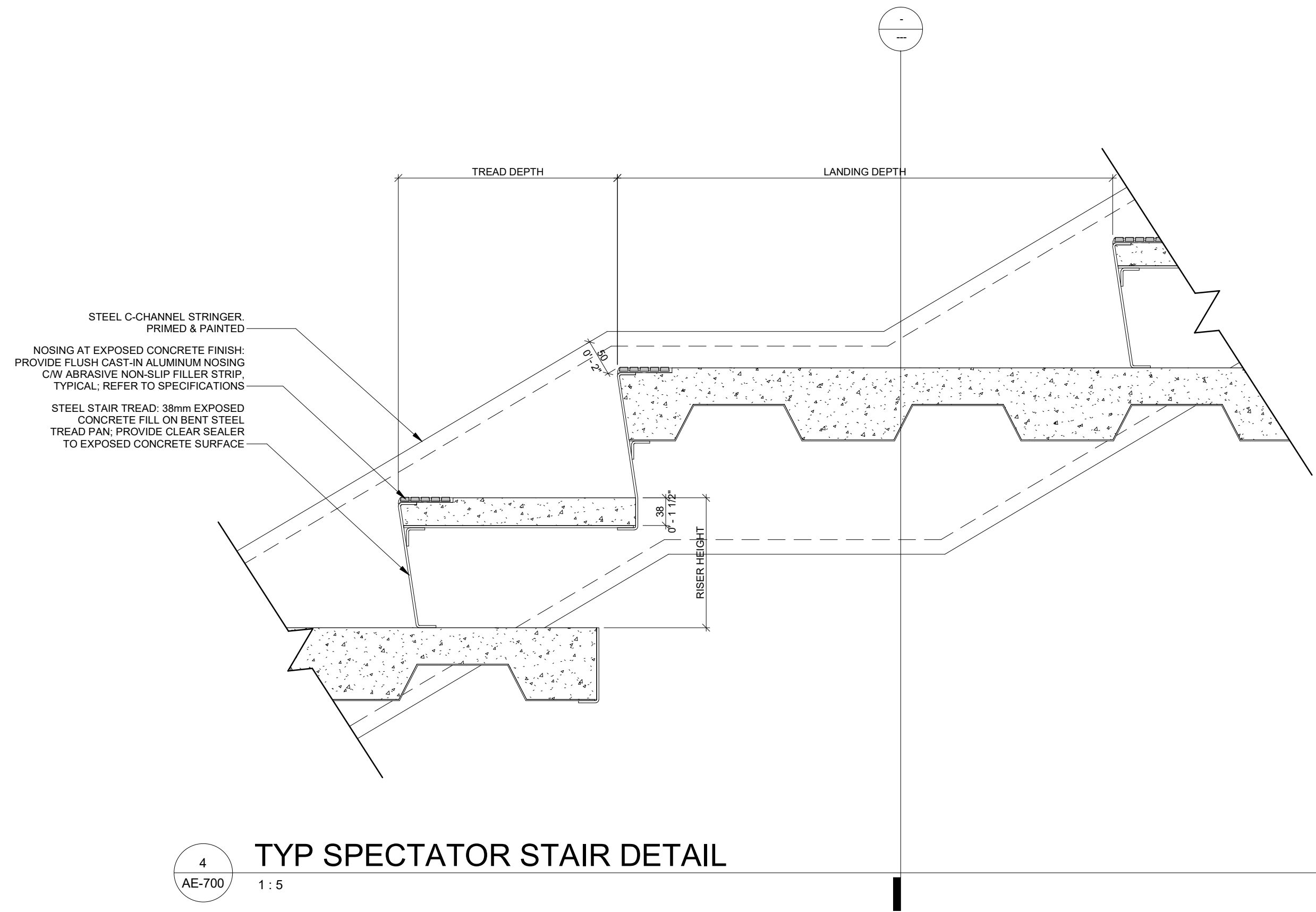
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1:10



STAIR BASE DETAIL - EXPOSED

1:5



TYP SPECTATOR STAIR DETAIL

1:5

1	2026.06.03	ISSUED FOR TENDER/PERMIT
REV	DATE	DESCRIPTION

PROJECT NORTH

PERMIT / STAMP



OWNER

RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

STAIR DETAILS

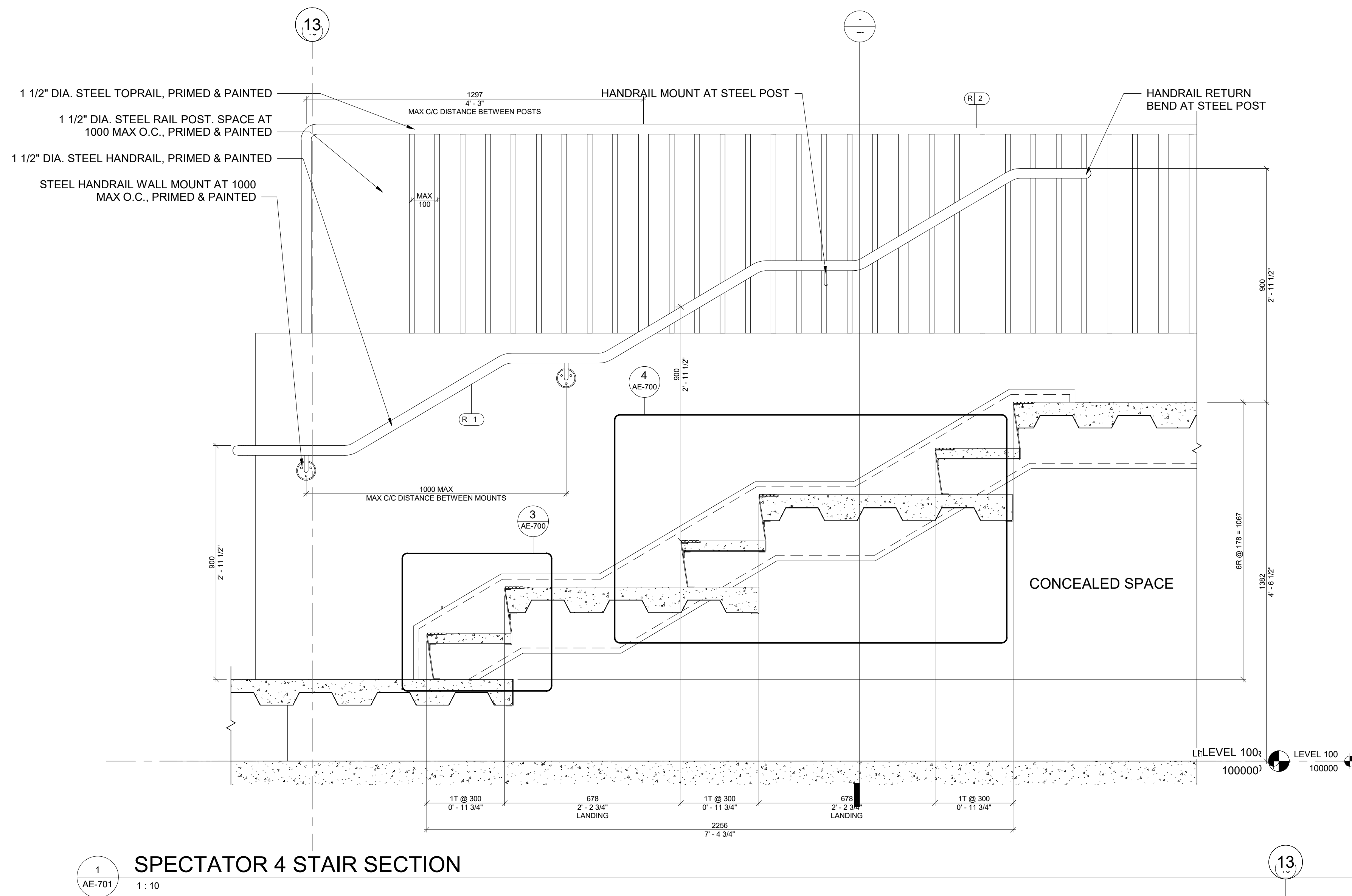
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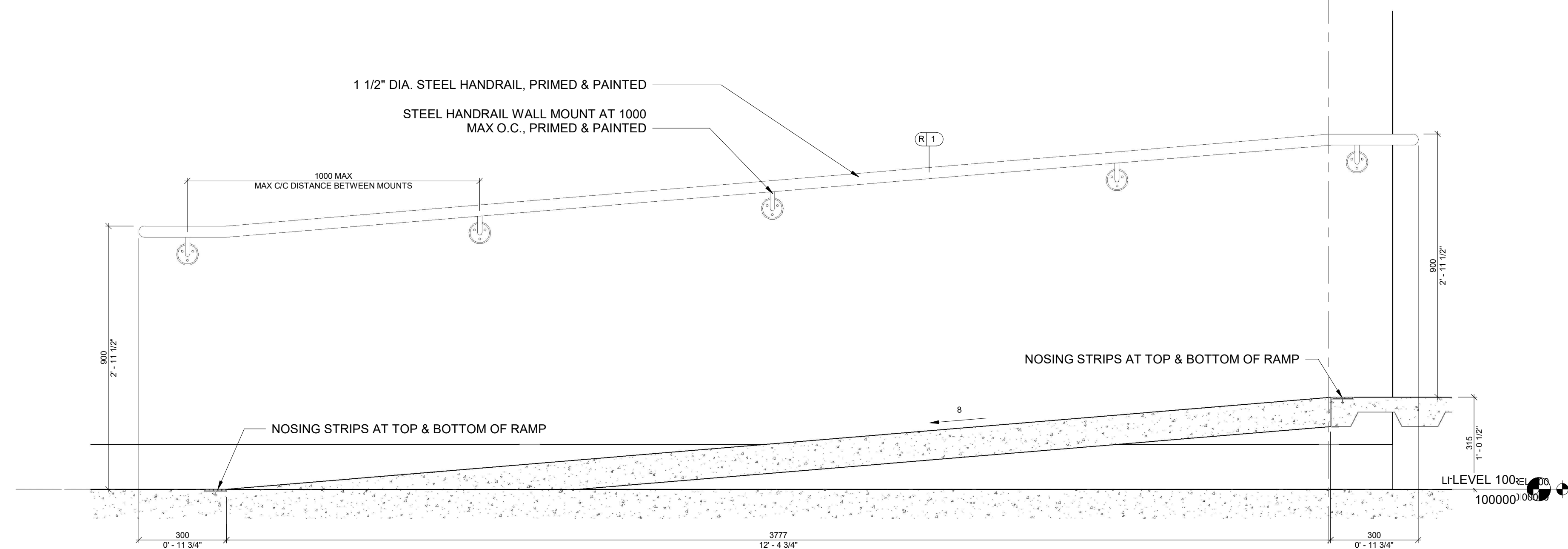
As indicated

2024.01200
Author

AE-700

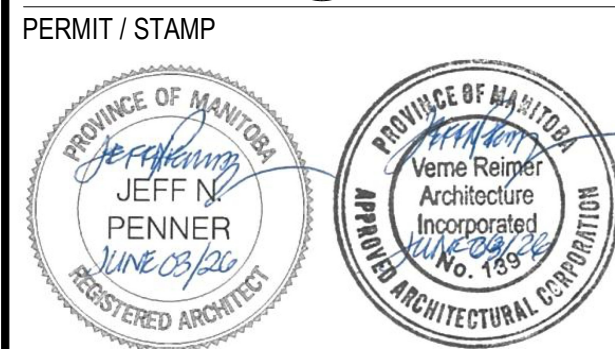


1
AE-701
SPECTATOR 4 STAIR SECTION
1 : 10



2
AE-701
SPECTATOR RAMP SECTION
1 : 10

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REV	DATE	DESCRIPTION
PROJECT NORTH		



OWNER
RM OF HANOVER

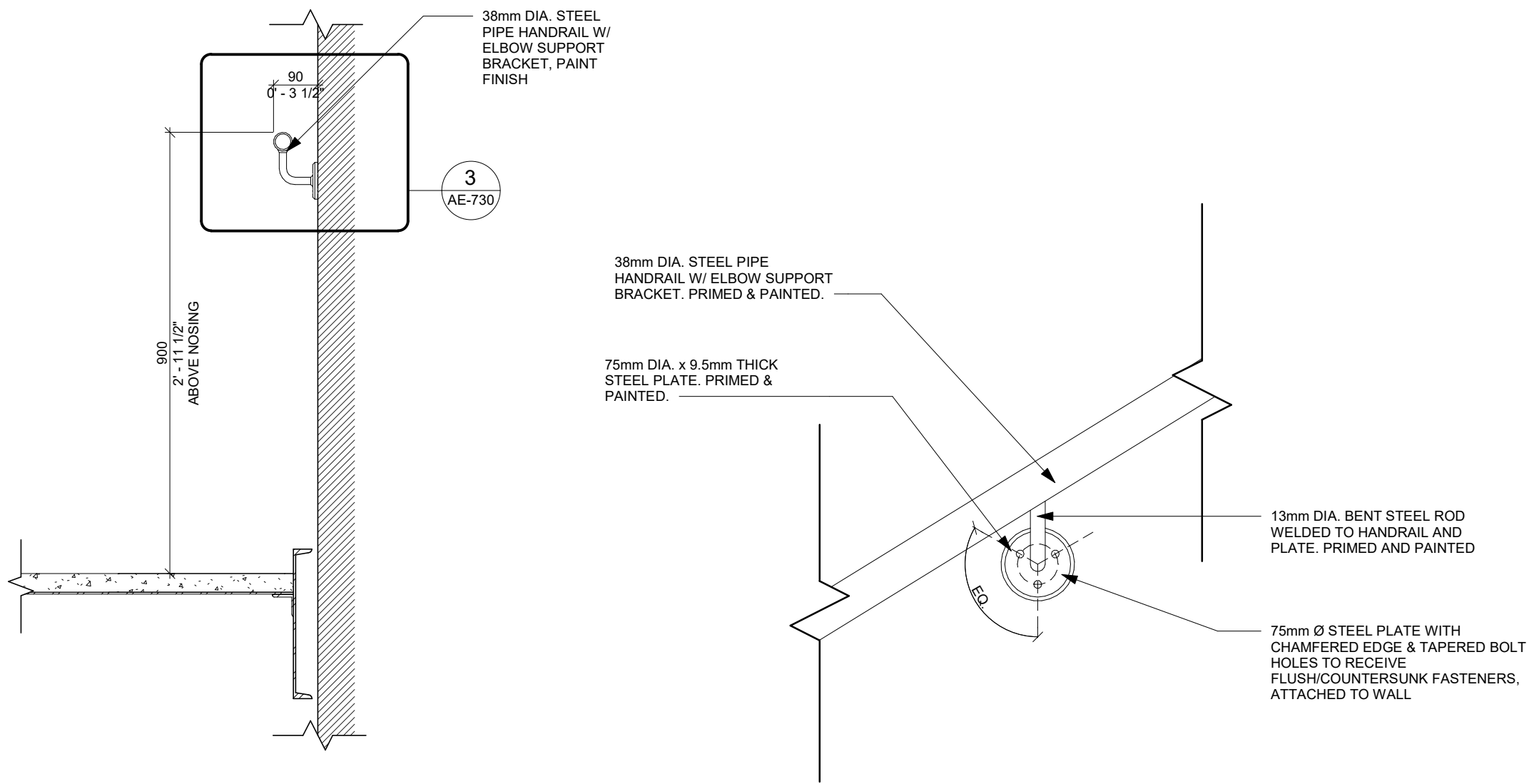
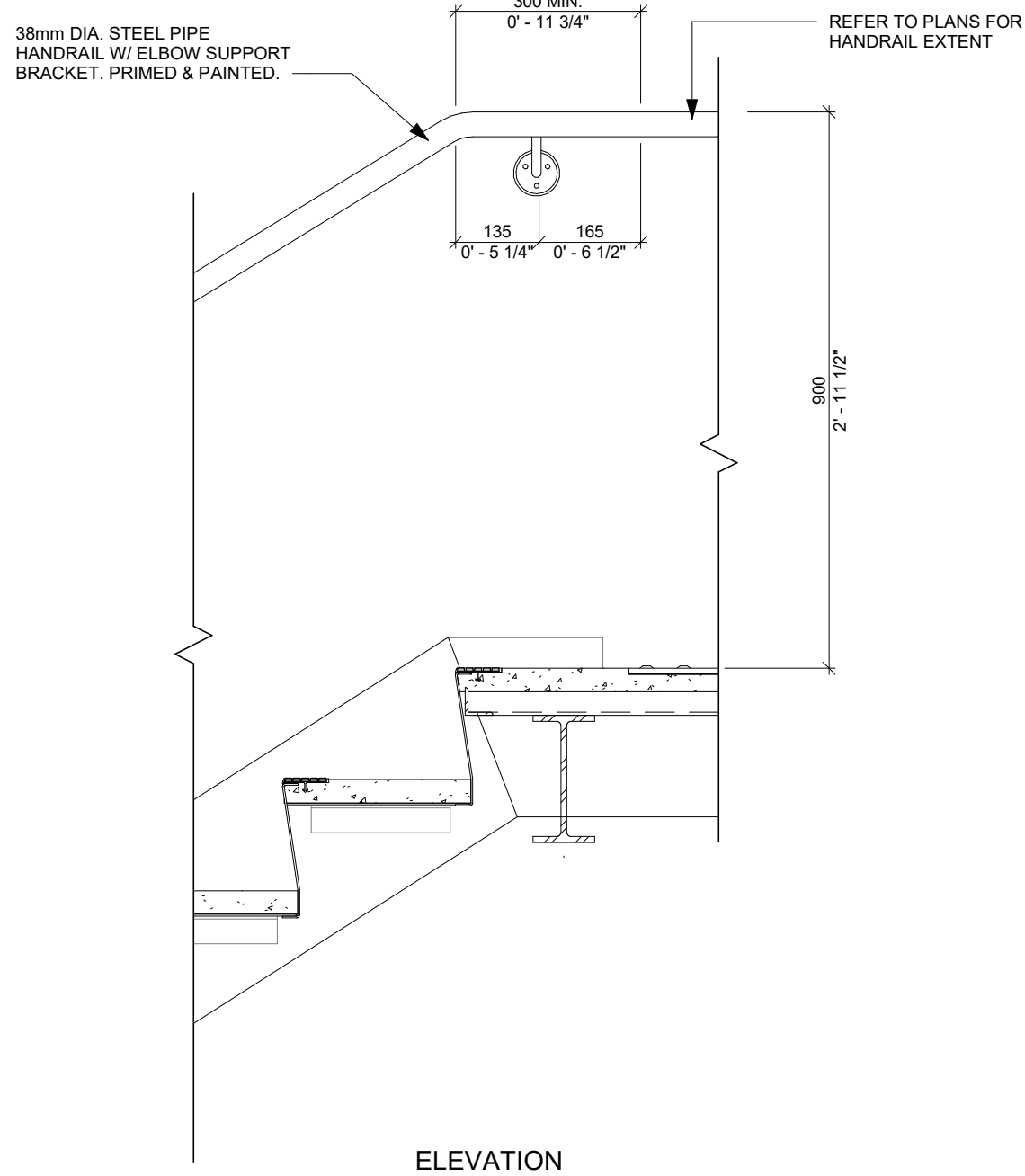
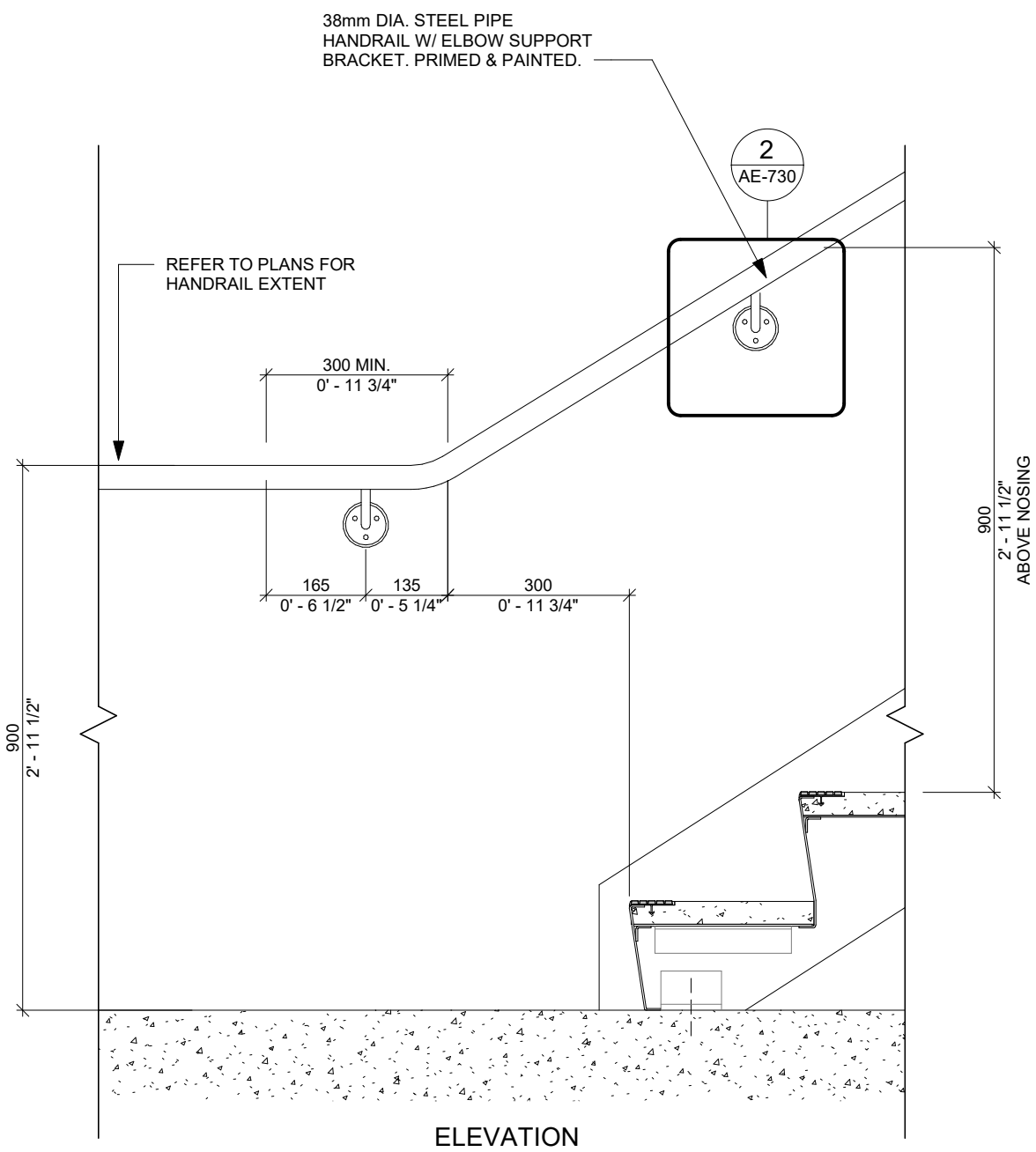
PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
STAIR & RAMP DETAILS

SCALE
PROJECT NUMBER
DRAWN BY

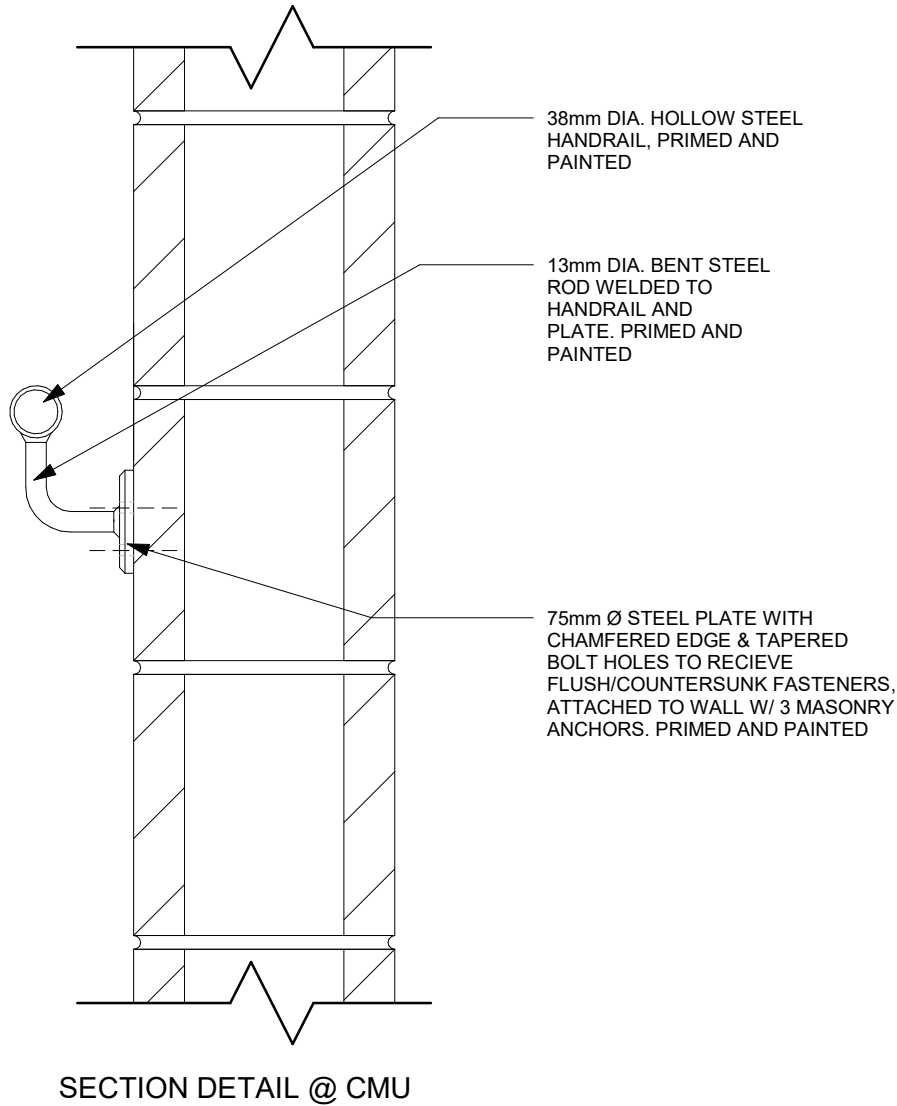
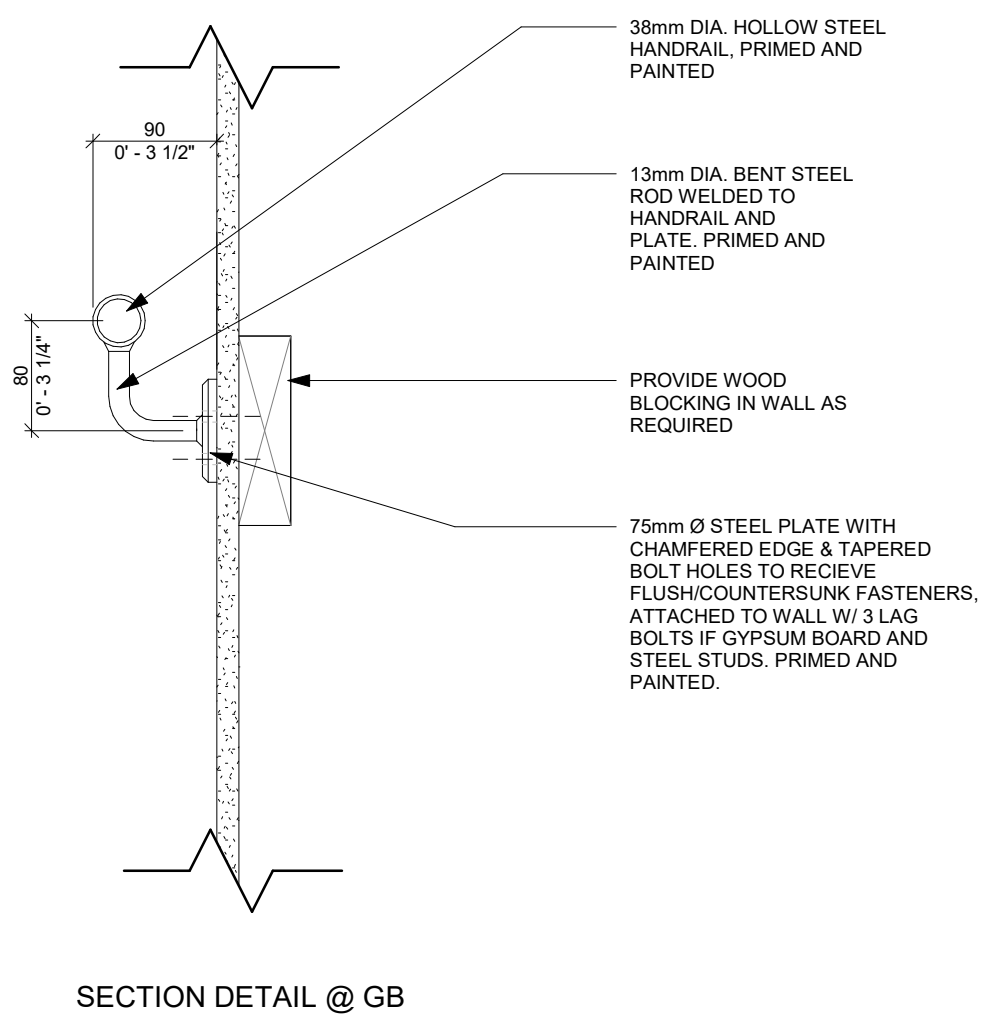
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Author

AE-701

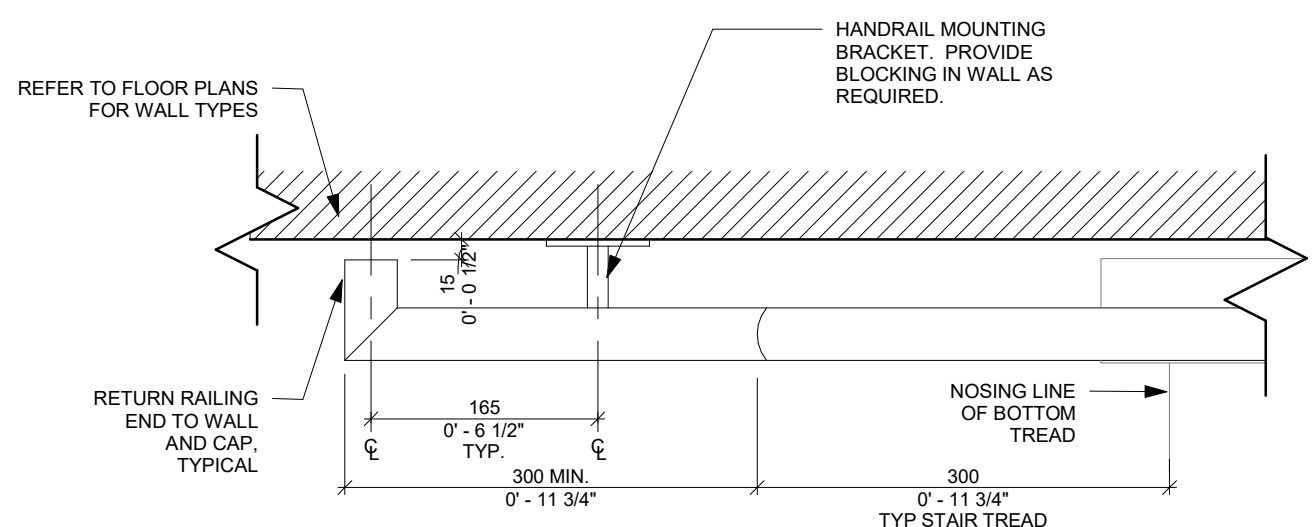
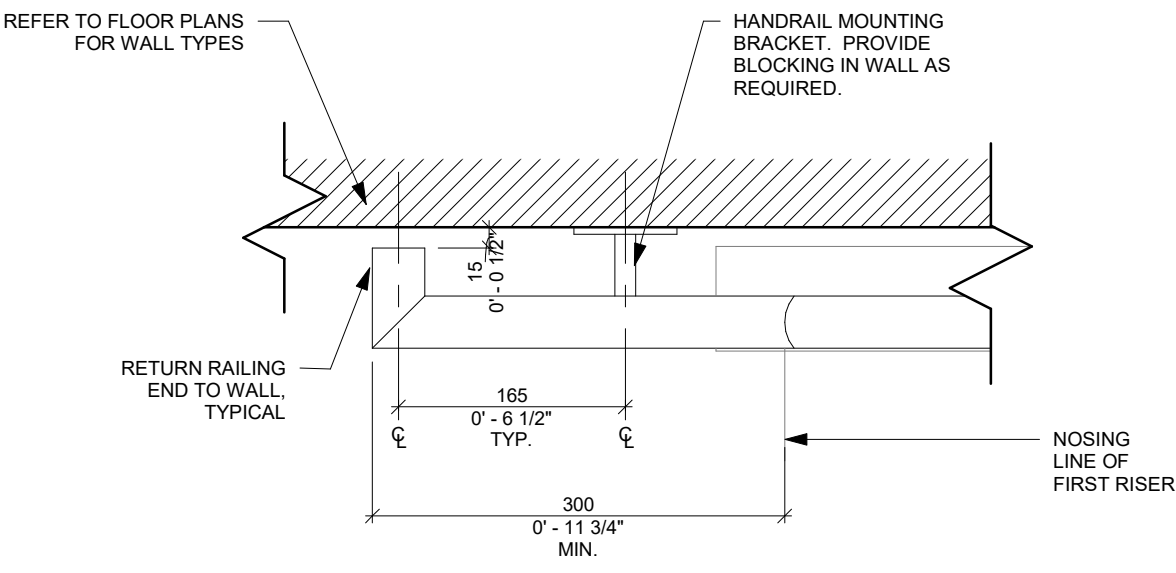


2
AE-730
RAILING - TYPE R1 SUPPORT BRACKET
1 : 5

1
AE-730
RAILING - TYPE R1
1 : 10



3
AE-730
RAILING - TYPE R1 ATTACHMENT
1 : 5



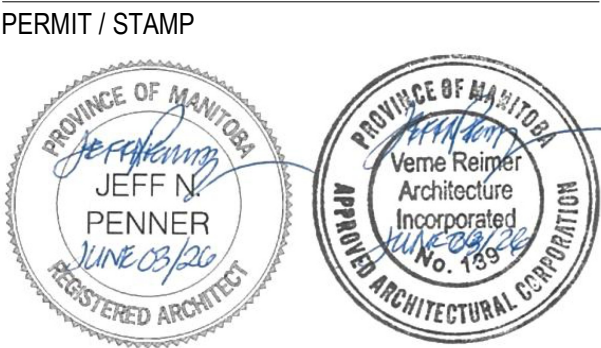
4
AE-730
RAILING - TYPE R1 RETURN DETAILS
1 : 5

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CONSULTANTS

GENERAL NOTES

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT
PROJECT NORTH		



OWNER
RM OF HANOVER
PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
RAILING DETAILS

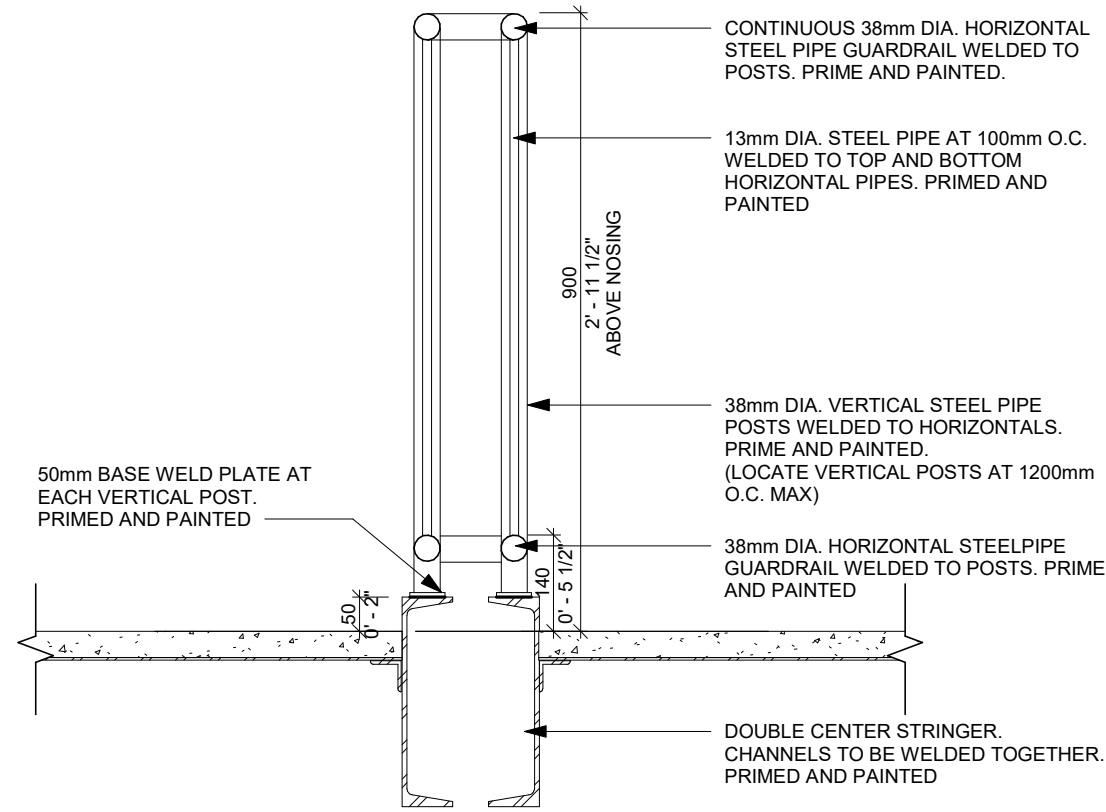
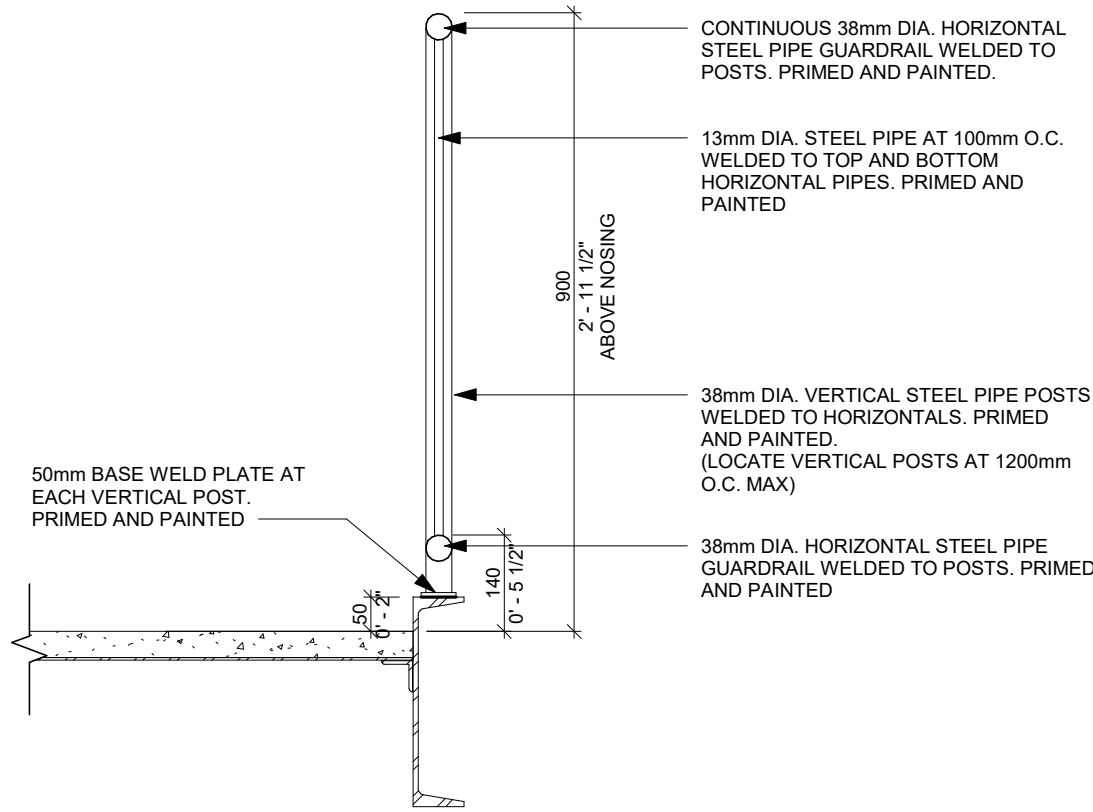
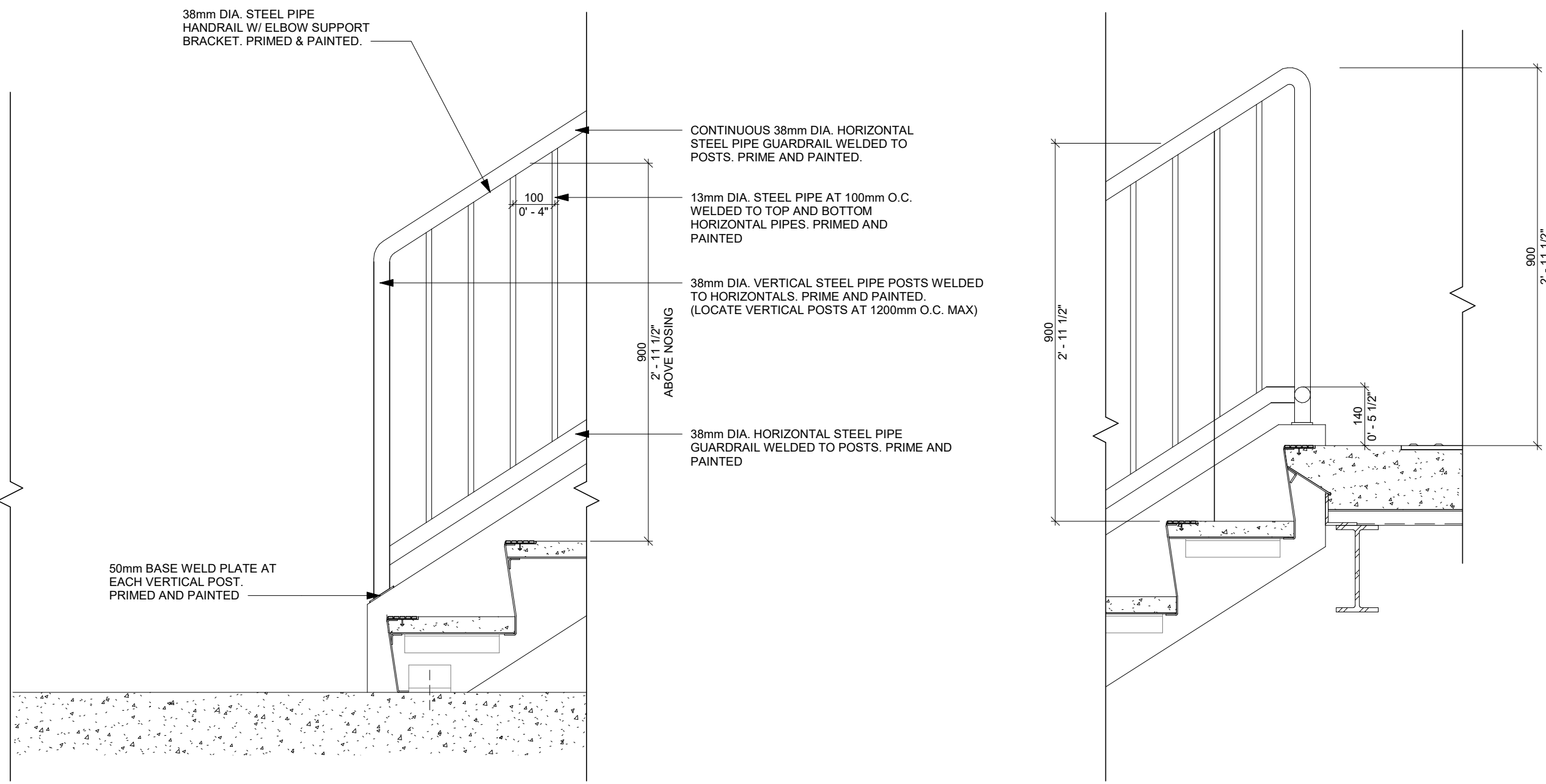
SCALE
PROJECT NUMBER
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Author

AE-730

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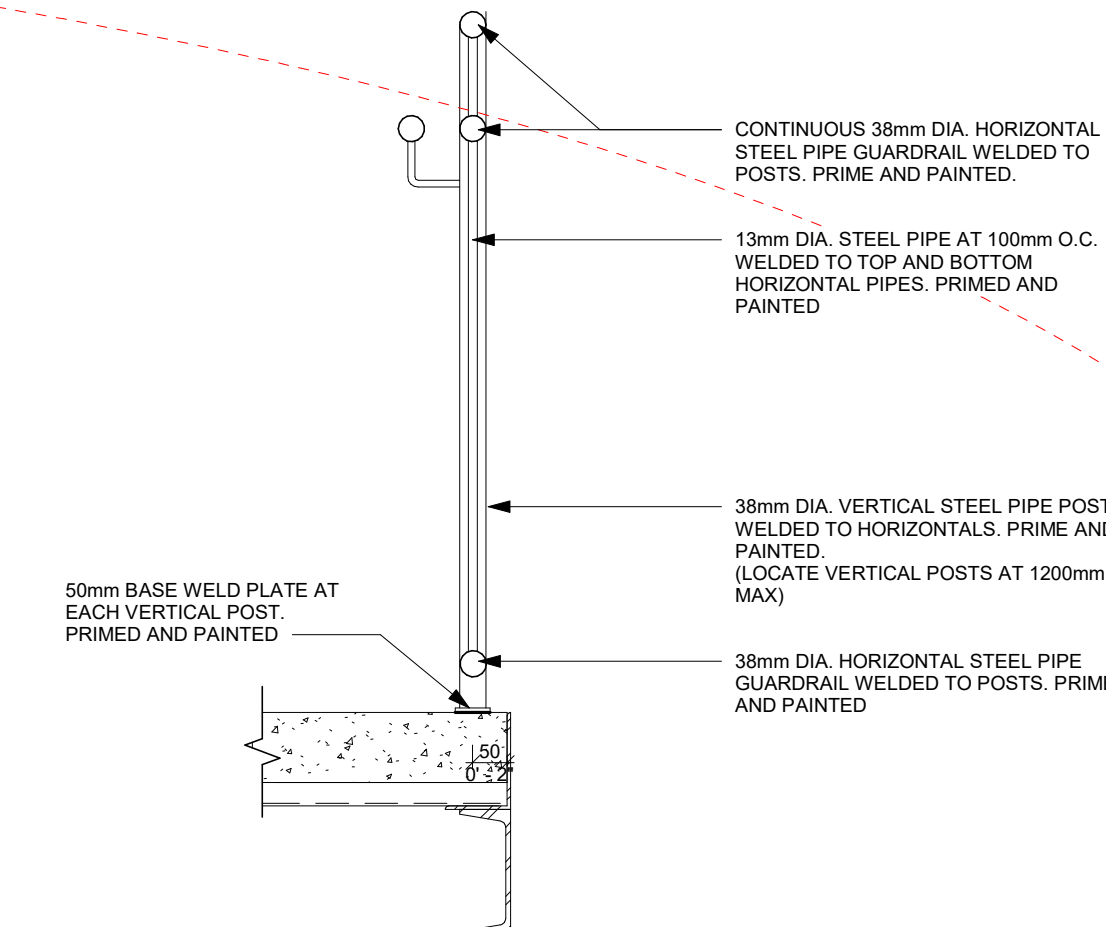
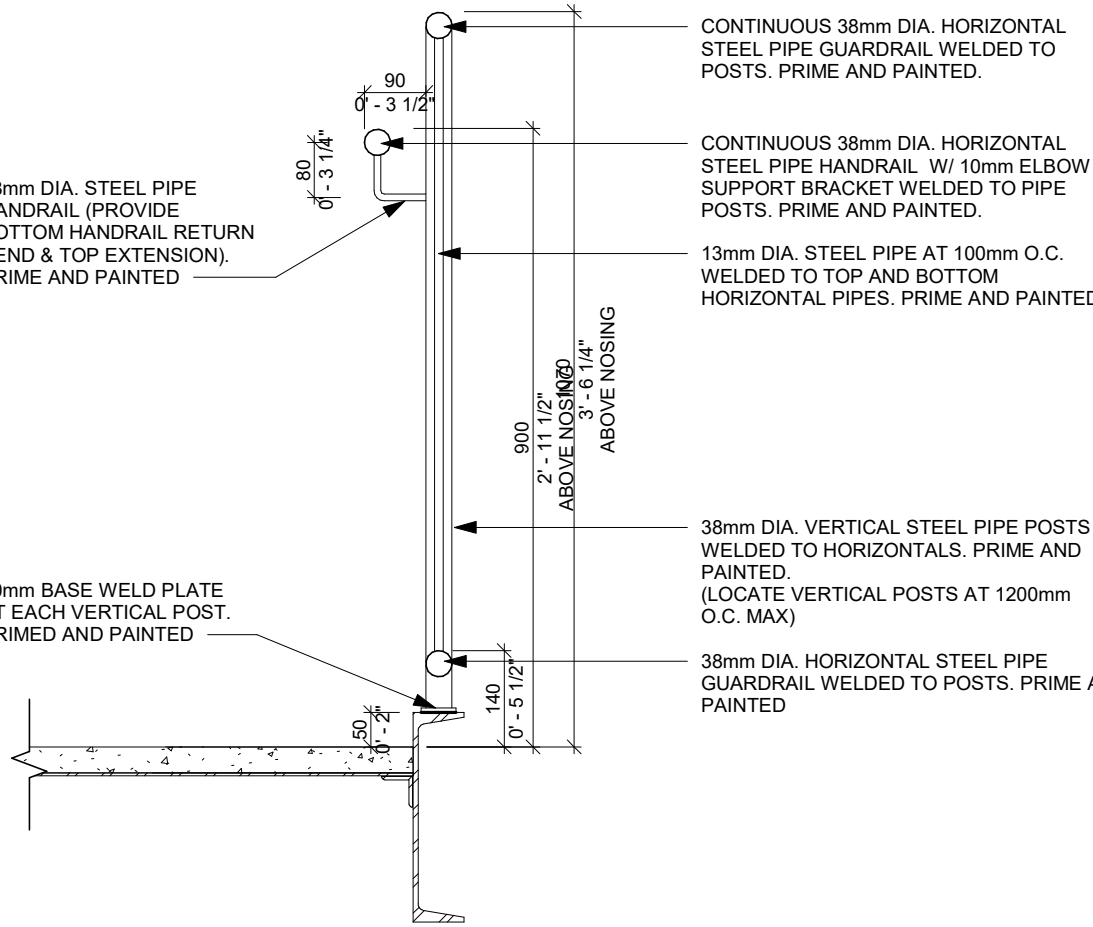
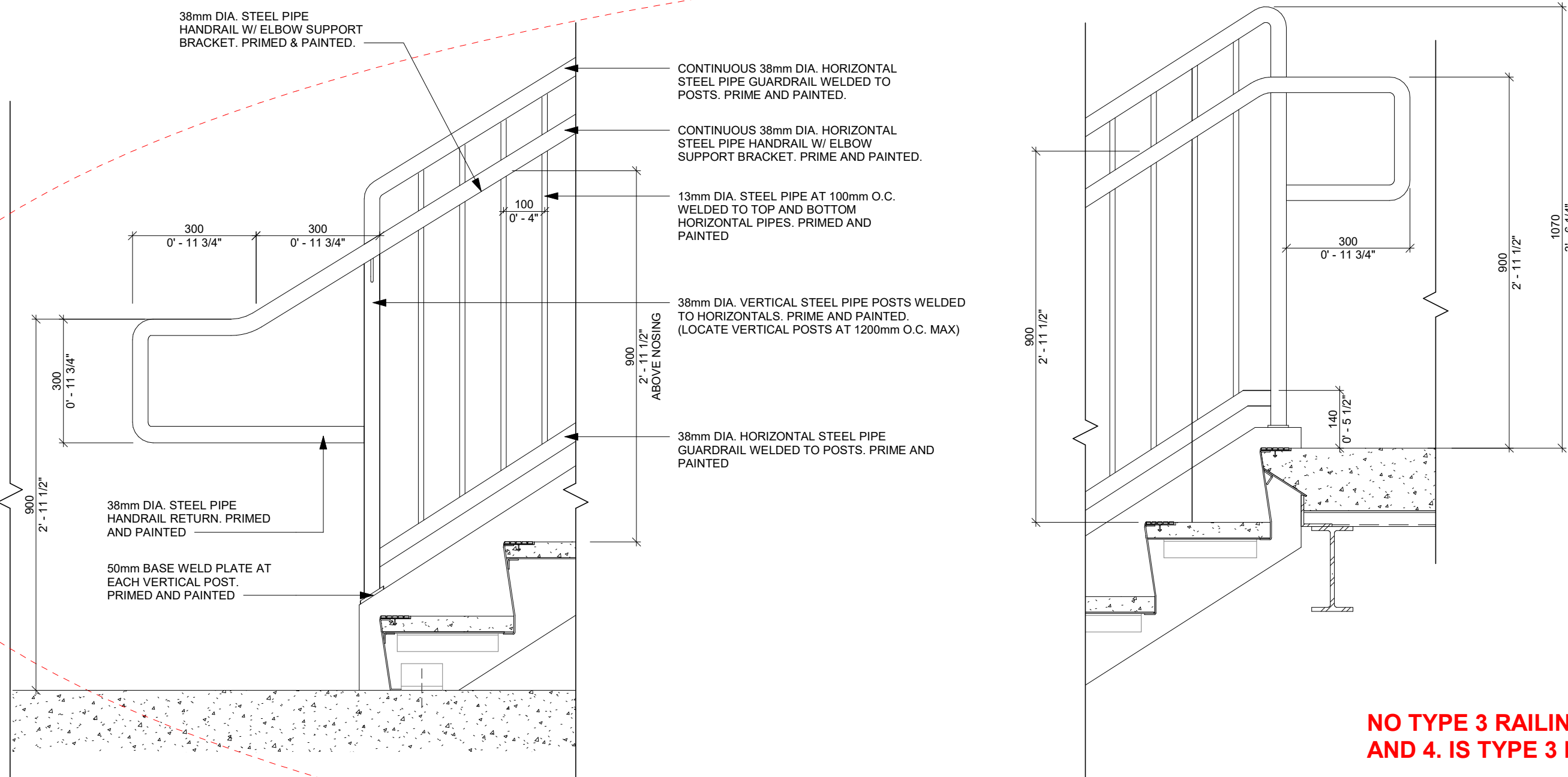
CONSULTANTS

GENERAL NOTES



RAILING DETAILS R2

1
AE-731 1 : 10



NO TYPE 3 RAILING IN PROJECT YET. SPECTATOR RAILINGS ARE TYPES 1, 2, AND 4. IS TYPE 3 FOUND ELSEWHERE, SUCH AS THE ENTRANCE OR MECH?

RAILING DETAILS R3

2
AE-731 1 : 10

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH

PERMIT / STAMP



OWNER
RM OF HANOVER

PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
RAILING DETAILS

SCALE
PROJECT NUMBER
DRAWN BY

1 : 10
2024.01200
Author

AE-731

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CONSULTANTS

GENERAL NOTES

1	2026.06.03	ISSUED FOR TENDER/PERMIT
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PROJECT NORTH

PERMIT / STAMP



OWNER

RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

RAILING DETAILS

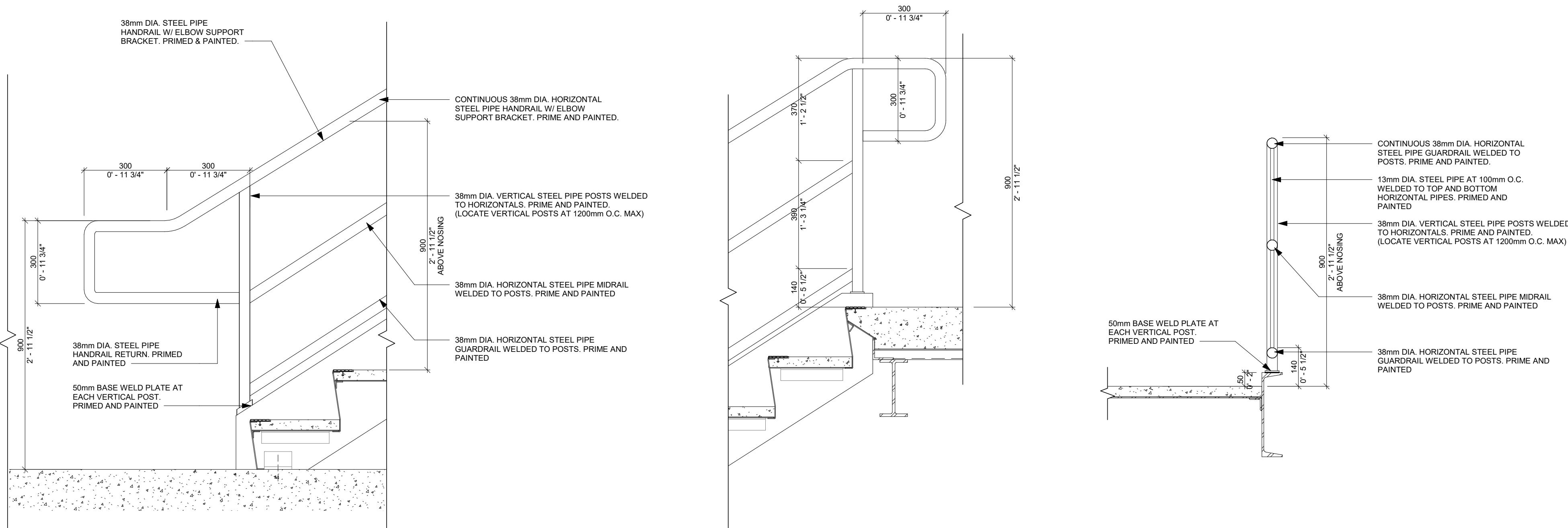
SCALE

PROJECT NUMBER
DRAWN BY

1 : 10

2024.01200
Author

AE-732



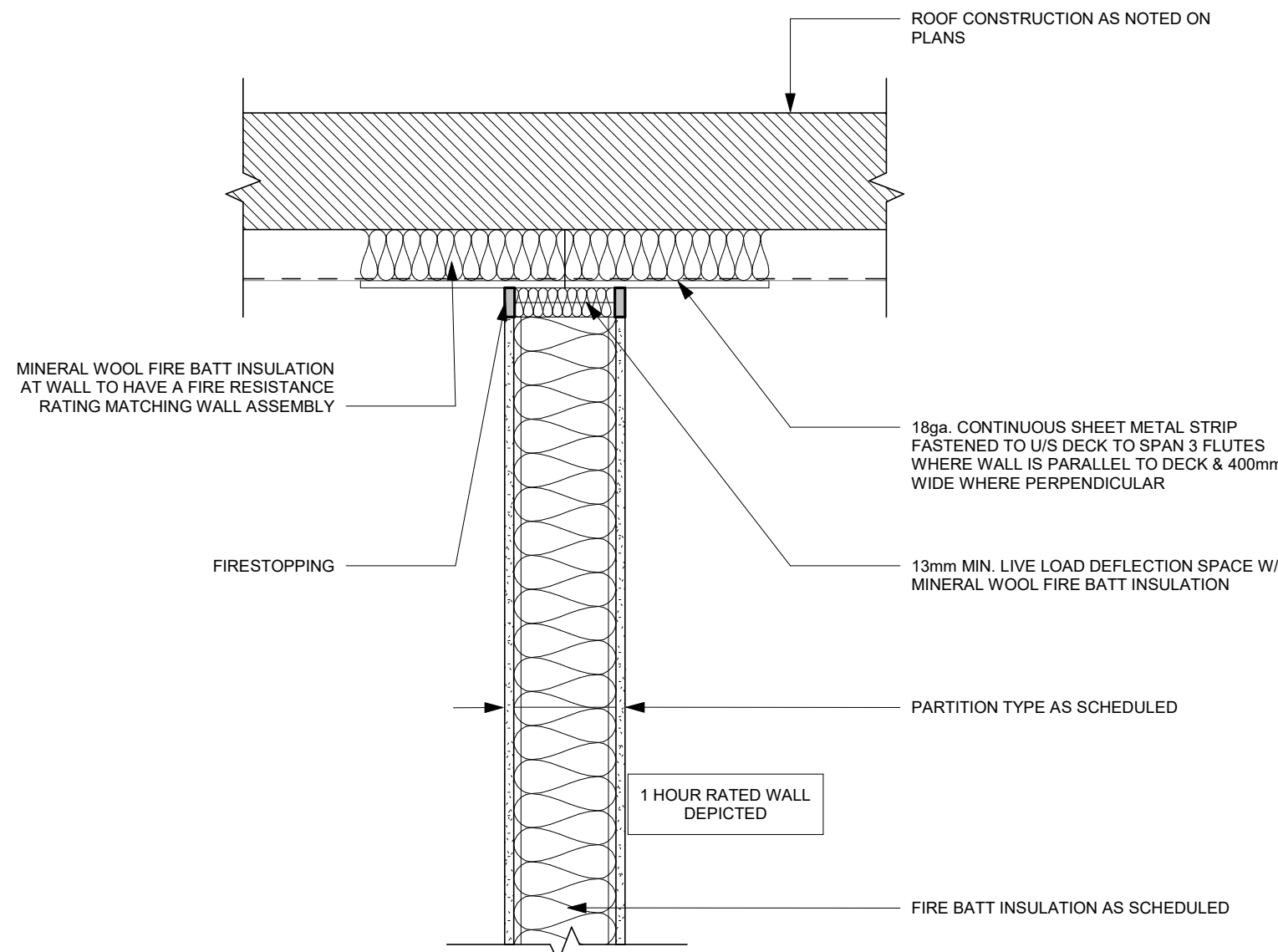
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AE-732
RAILING DETAILS R4
1 : 10

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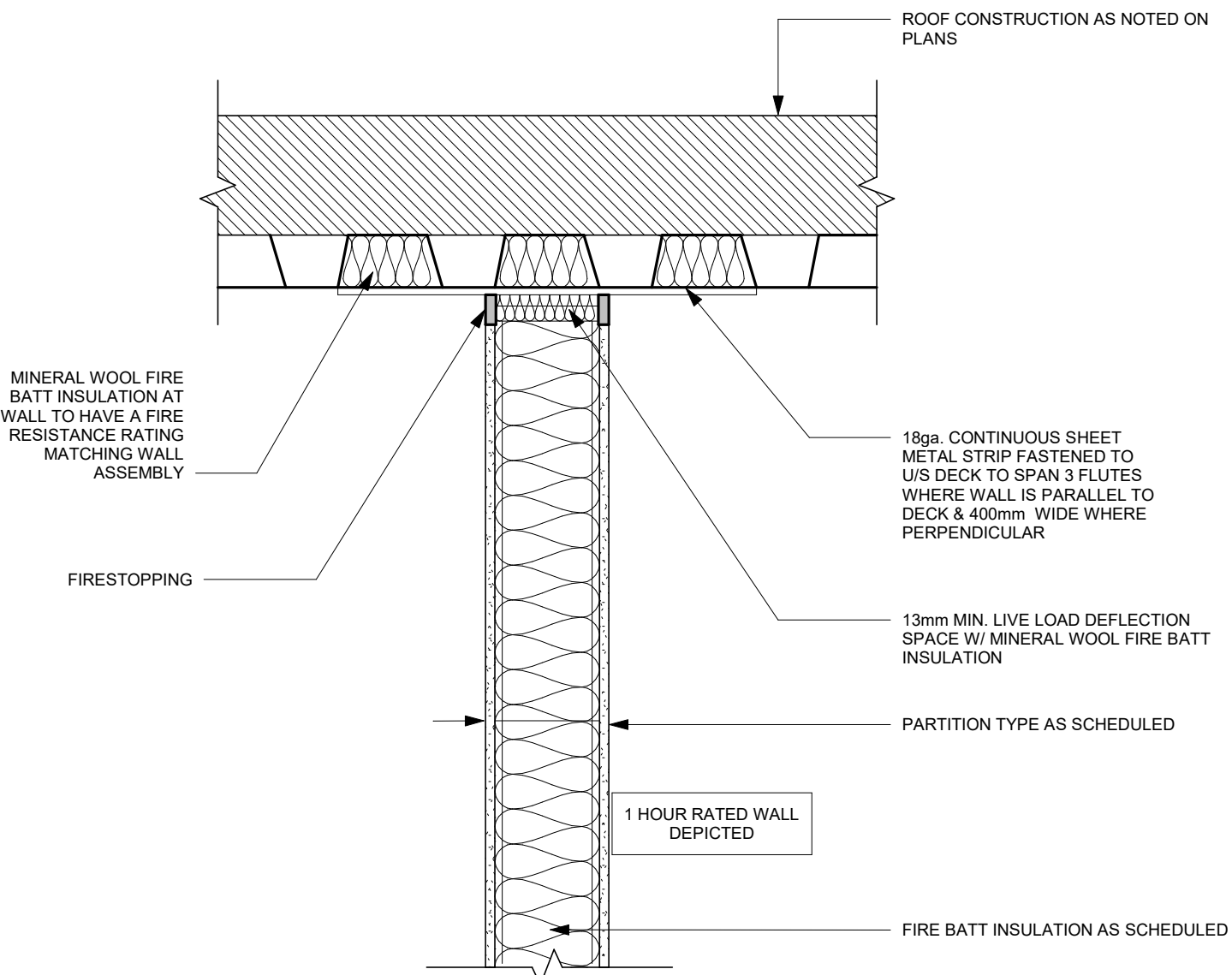
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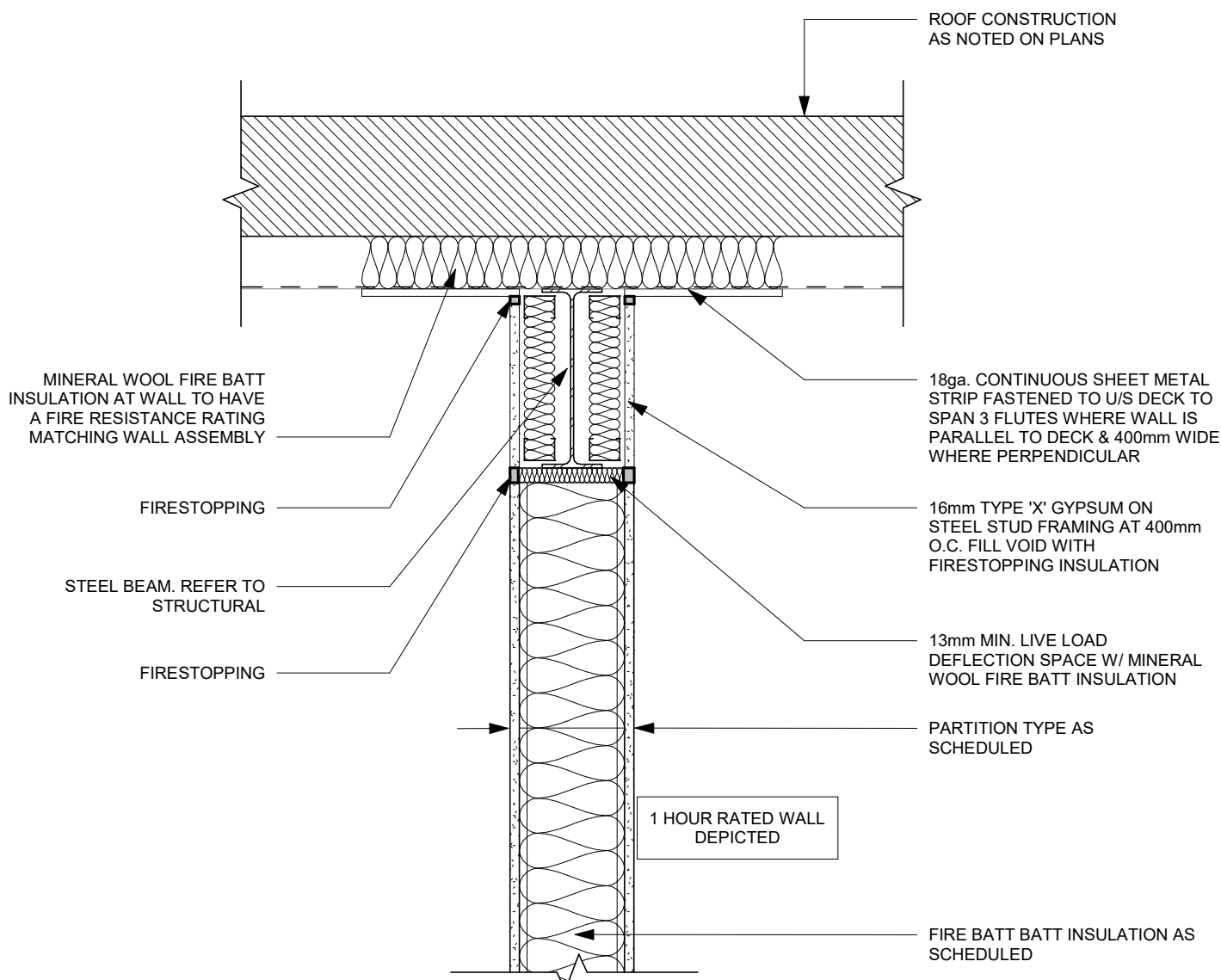
GENERAL NOTES



FIRESTOPPING WALL PERPENDICULAR TO DECK

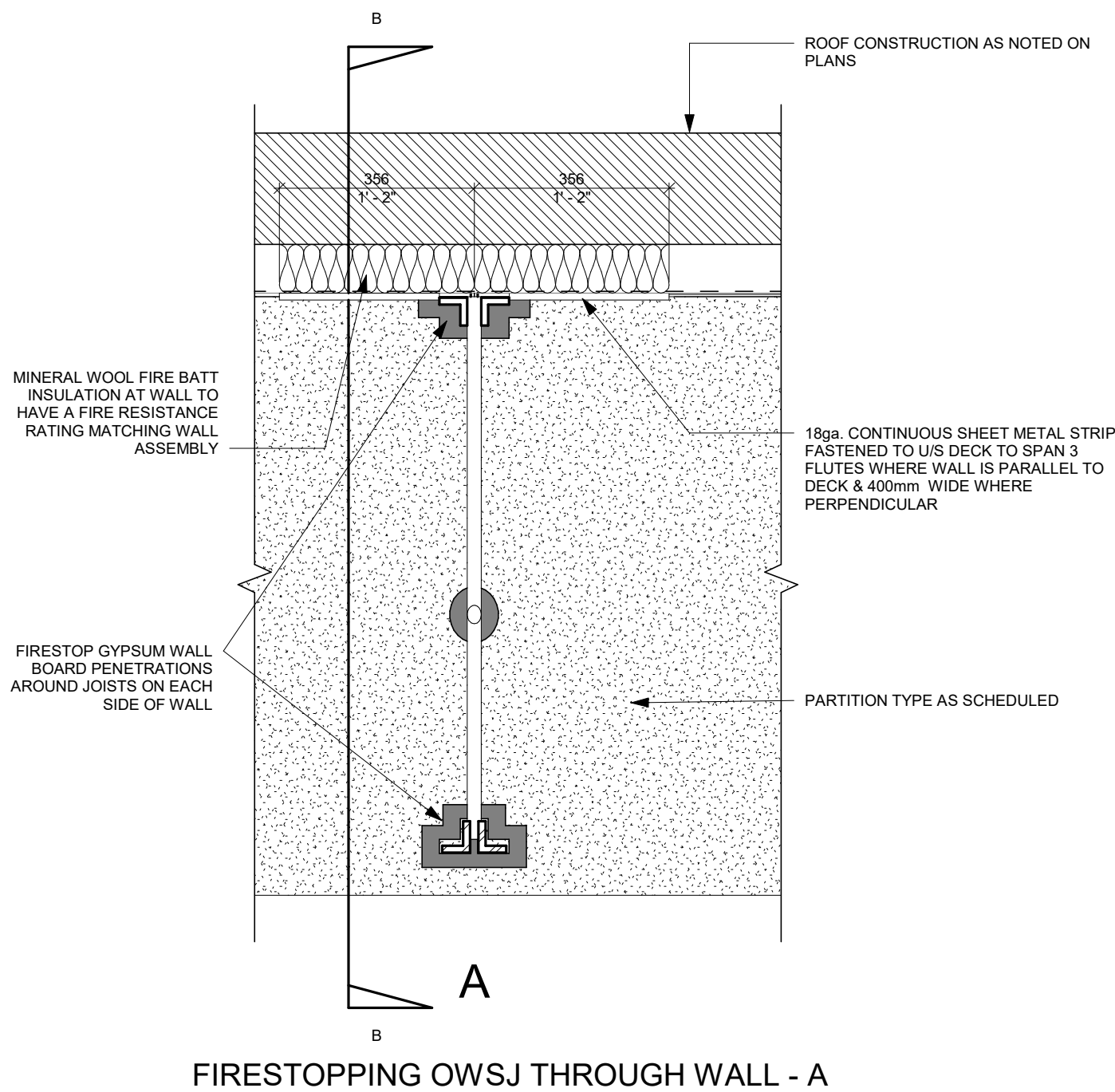


FIRESTOPPING WALL PARALLEL TO DECK

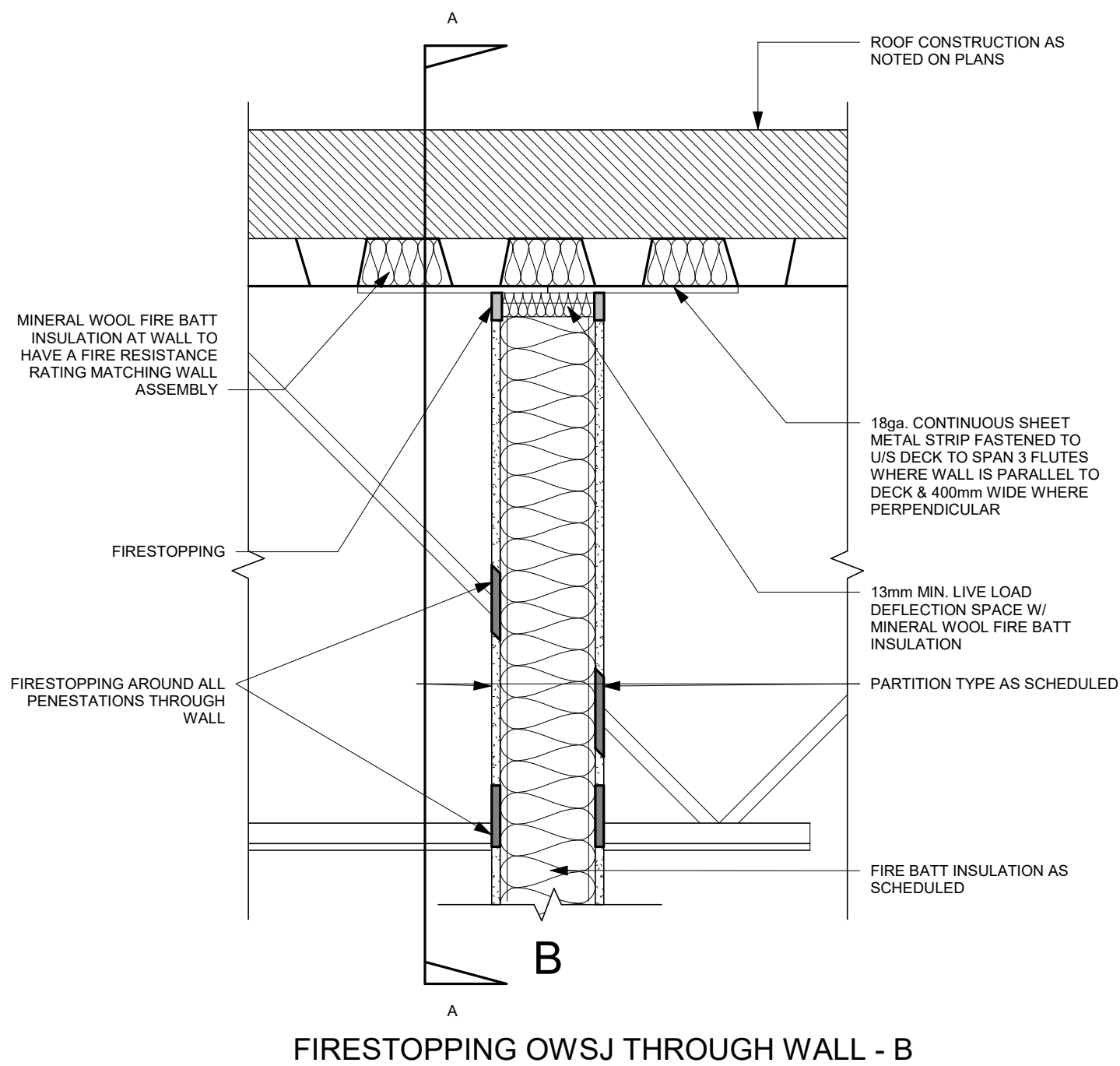


FIRESTOPPING AT BEAM

FIRE STOP SYSTEM AT STEEL STUD WALL:
ULC W453 1 HOUR RATED
ULC W453 2 HOUR RATED
REFER TO FLOOR PLANS FOR LOCATIONS.



FIRESTOPPING OWSJ THROUGH WALL - A



FIRESTOPPING OWSJ THROUGH WALL - B

REFER TO FLOOR PLANS FOR LOCATIONS.

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RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

TYPICAL DETAILS -
FIRESTOPPING

SCALE

PROJECT NUMBER

DRAWN BY

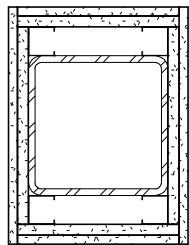
1 : 10

2024.01200

Author

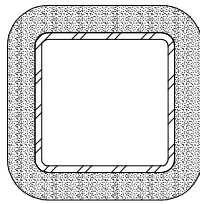
AE-800

HSS STEEL COLUMNS



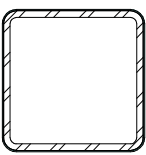
TYPE: C1

GYPSUM BOARD CLAD STEEL COLUMN:
ULC DESIGN X528 OR SIMILAR
2 HOUR RATED



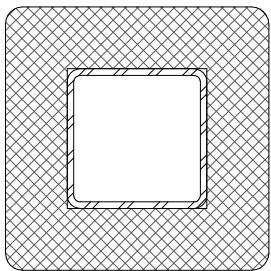
TYPE: C1A

SPRAY-APPLIED STEEL COLUMN:
ULC DESIGN X806 OR SIMILAR
1 TO 2 HOUR RATED



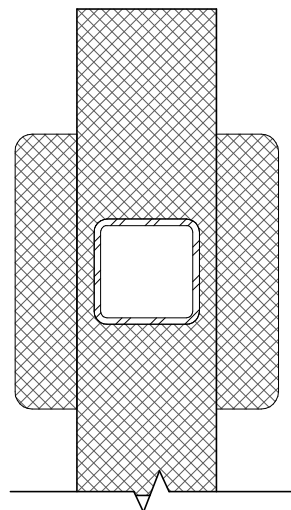
TYPE: C1B

INTUMESCENT COATING CLAD STEEL COLUMN:
ULC DESIGN Z611 OR SIMILAR
3/4 HOUR TO 2 HOUR RATED



TYPE: C1C

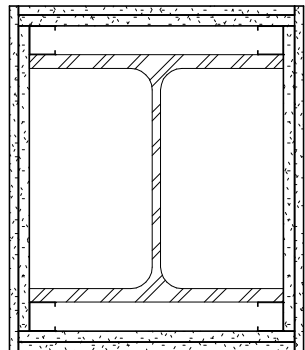
CMU CLAD STEEL COLUMN:
IN CONFORMANCE WITH MBC TABLE D-2.6.1.A.
2 HOUR RATED



TYPE: C1D

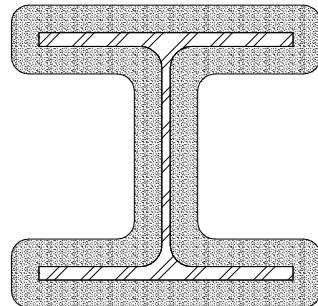
CMU PILASTER:
IN CONFORMANCE WITH MBC TABLE D-2.6.1.A.
2 HOUR RATED

WIDE FLANGE STEEL COLUMNS



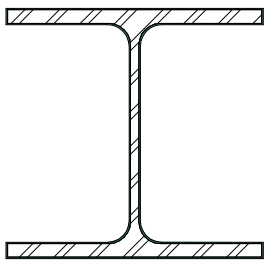
TYPE: C2

GYPSUM BOARD CLAD STEEL COLUMN:
ULC DESIGN X528 OR SIMILAR
2 HOUR RATED



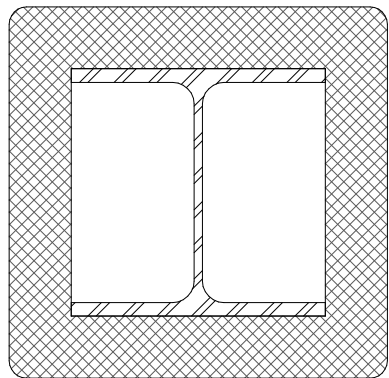
TYPE: C2A

SPRAY-APPLIED STEEL COLUMN:
ULC DESIGN X805 OR SIMILAR
1 TO 4 HOUR RATED



TYPE: C2B

INTUMESCENT COATING CLAD STEEL COLUMN:
ULC DESIGN Z610 OR SIMILAR
3/4 HOUR TO 2 HOUR RATED

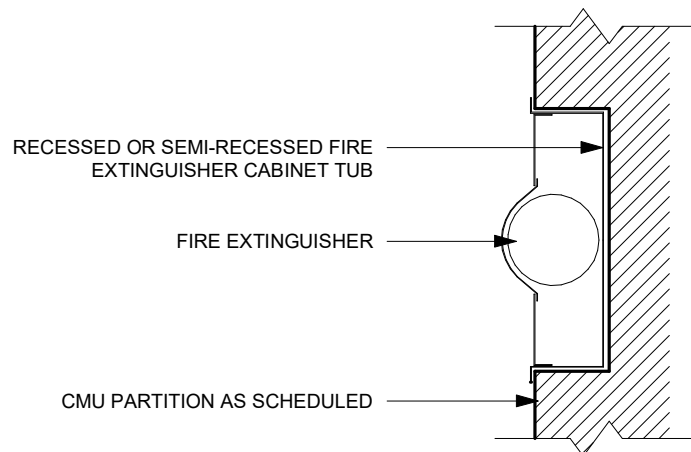


TYPE: C2C

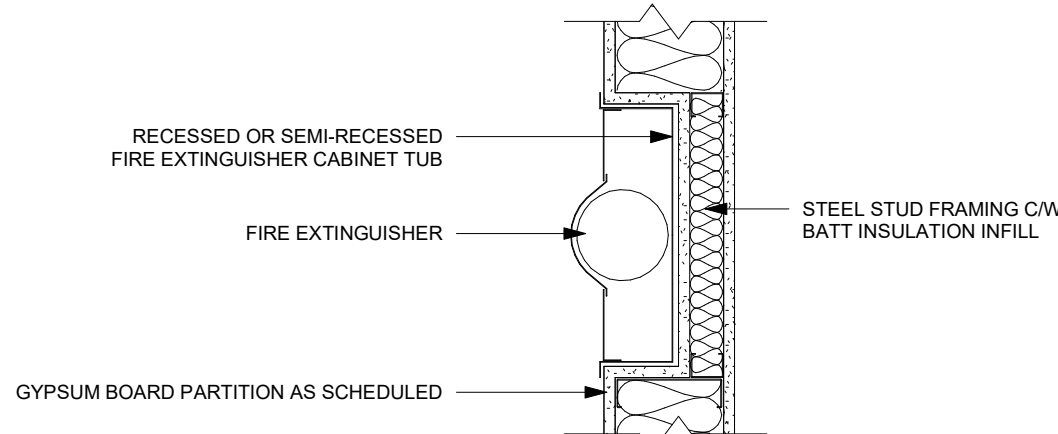
CMU CLAD STEEL COLUMN:
IN CONFORMANCE WITH MBC TABLE D-2.6.1.A.
2 HOUR RATED

REFER TO FLOOR PLANS FOR LOCATIONS.

COLUMN ENCLOSURE DETAILS



RECESSED FIRE EXTINGUISHER
CABINET - CONCRETE BLOCK WALL



RECESSED FIRE EXTINGUISHER
CABINET - STEEL STUD WALL

FIRE EXTINGUISHER CABINET DETAILS

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CONSULTANTS

GENERAL NOTES

1

AE-801

1 : 10

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

PROJECT NORTH



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RM OF HANOVER

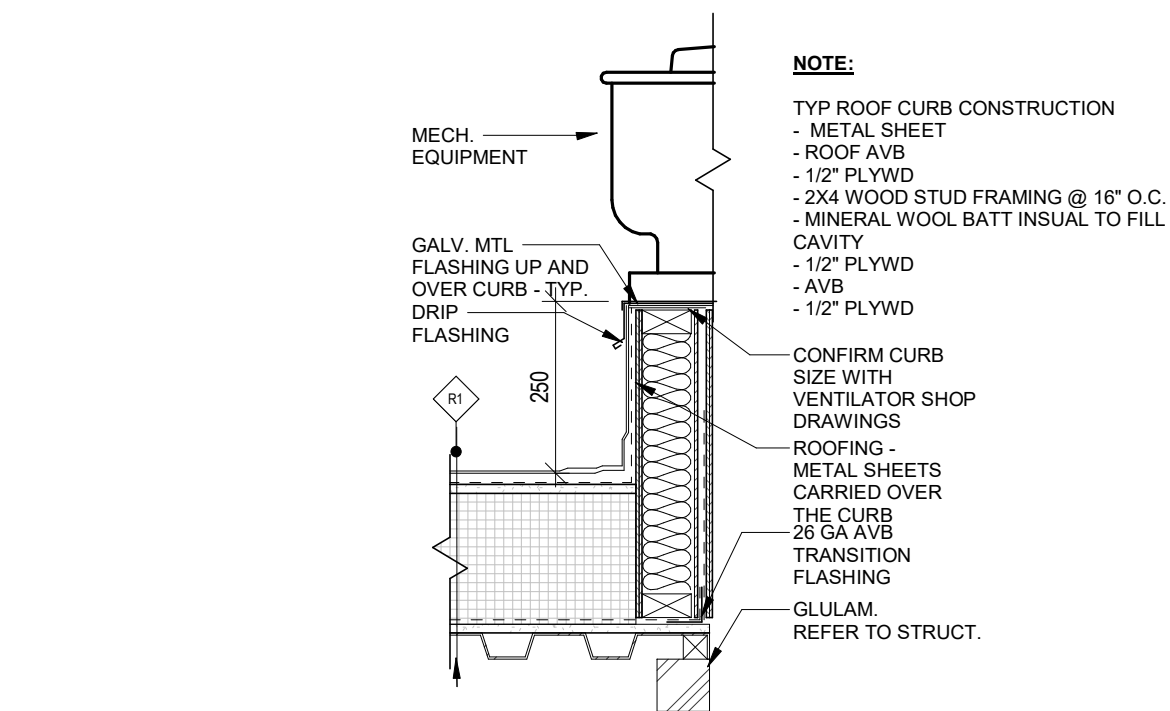
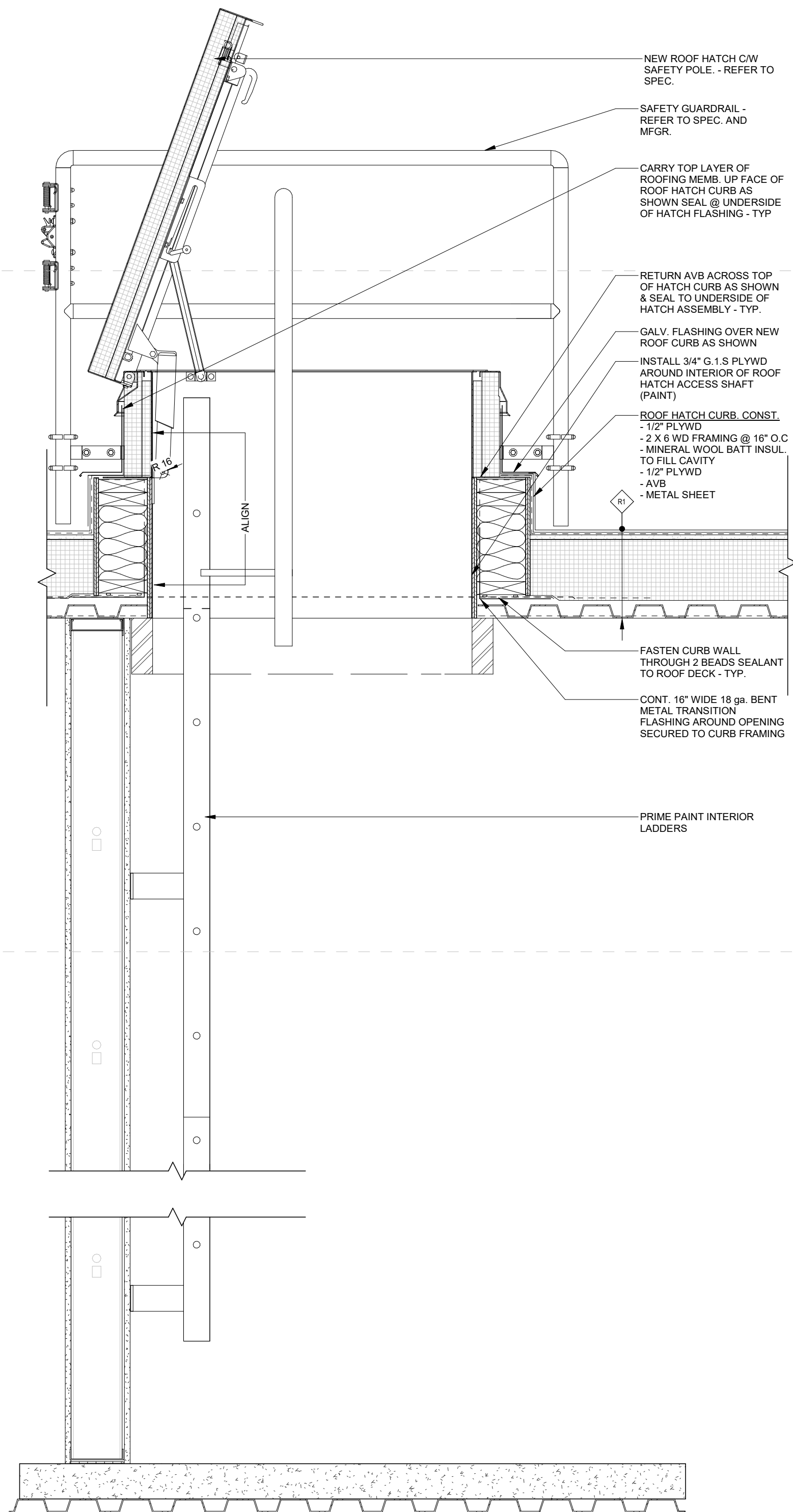
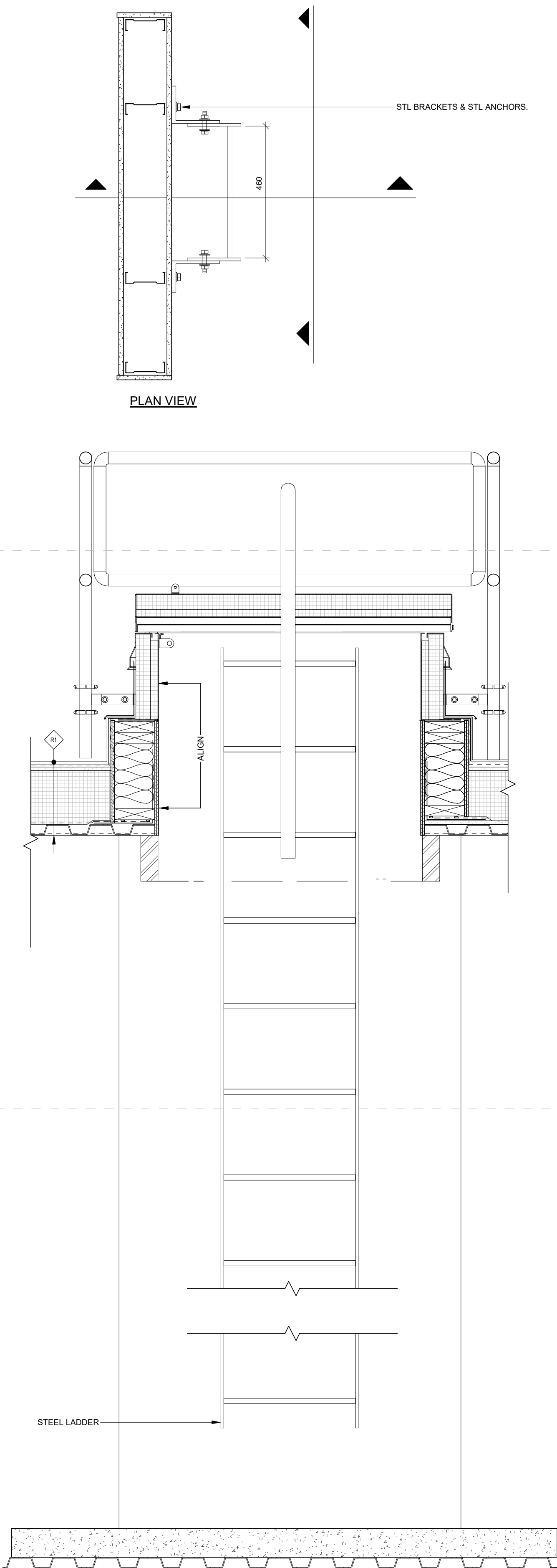
PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

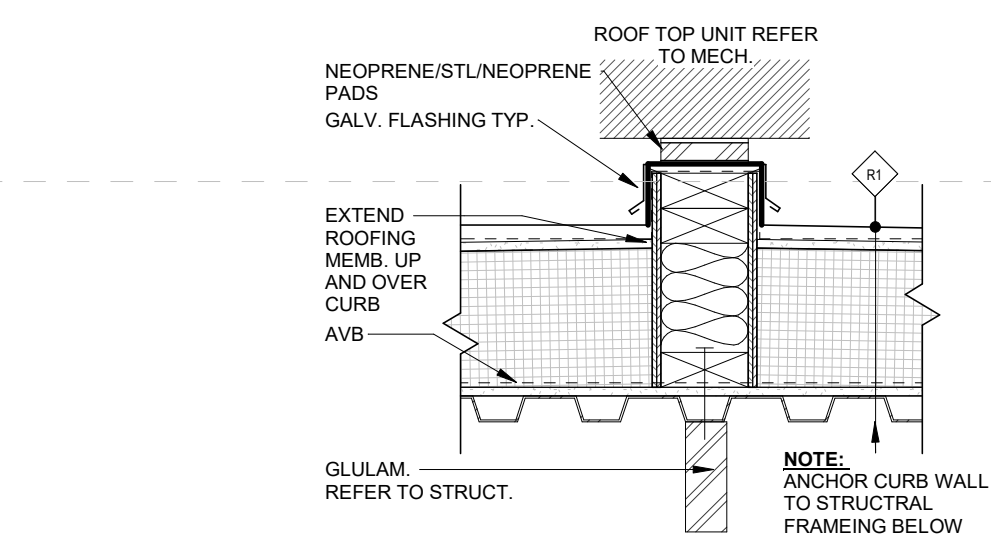
TYPICAL DETAILS - COLUMN
ENCLOSUES & FE CABINETS
SCALE 1 : 10
PROJECT NUMBER 2024.01200
DRAWN BY Author

AE-801



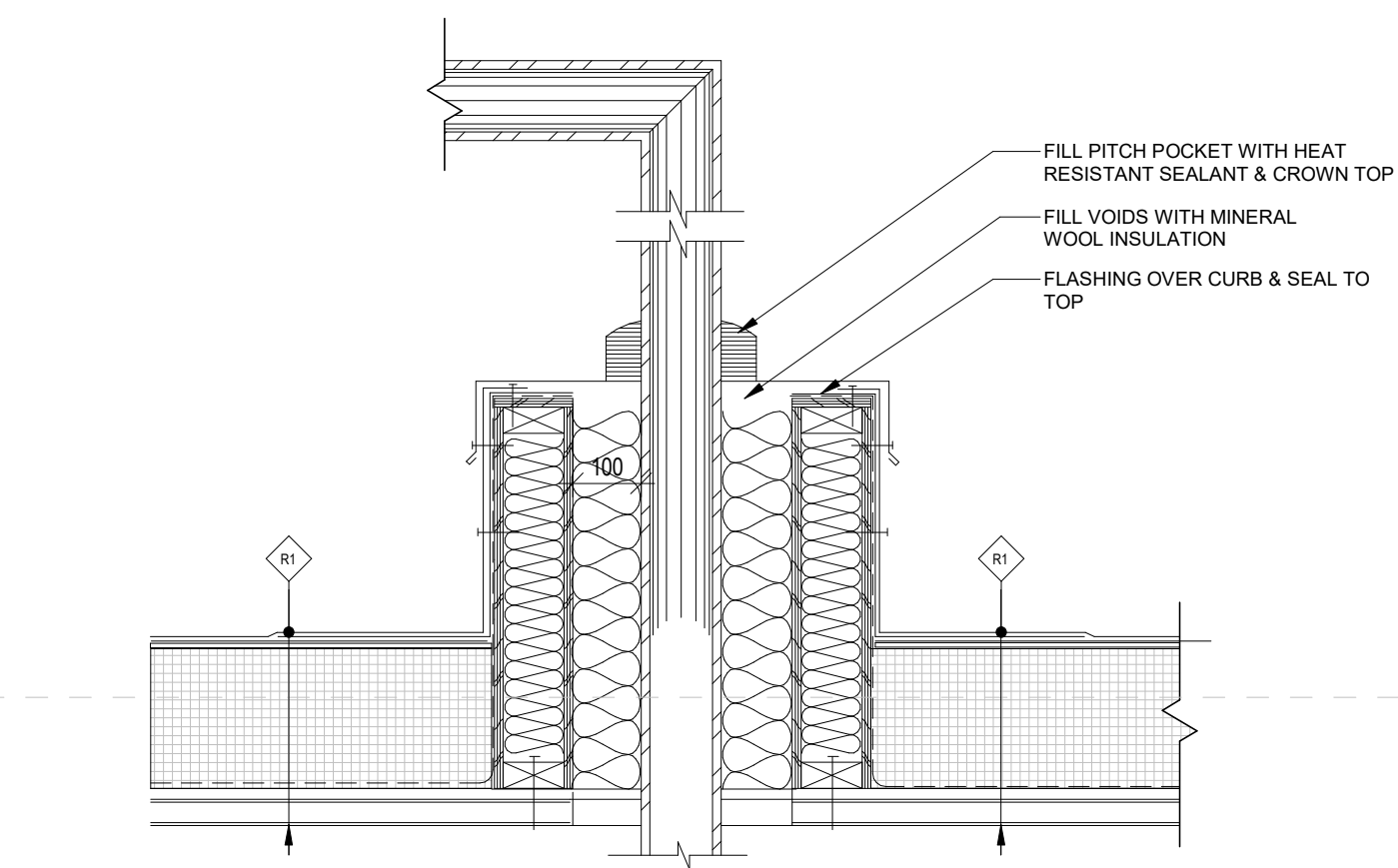
ROOF CURB PENETRATION - TYP

1 : 10



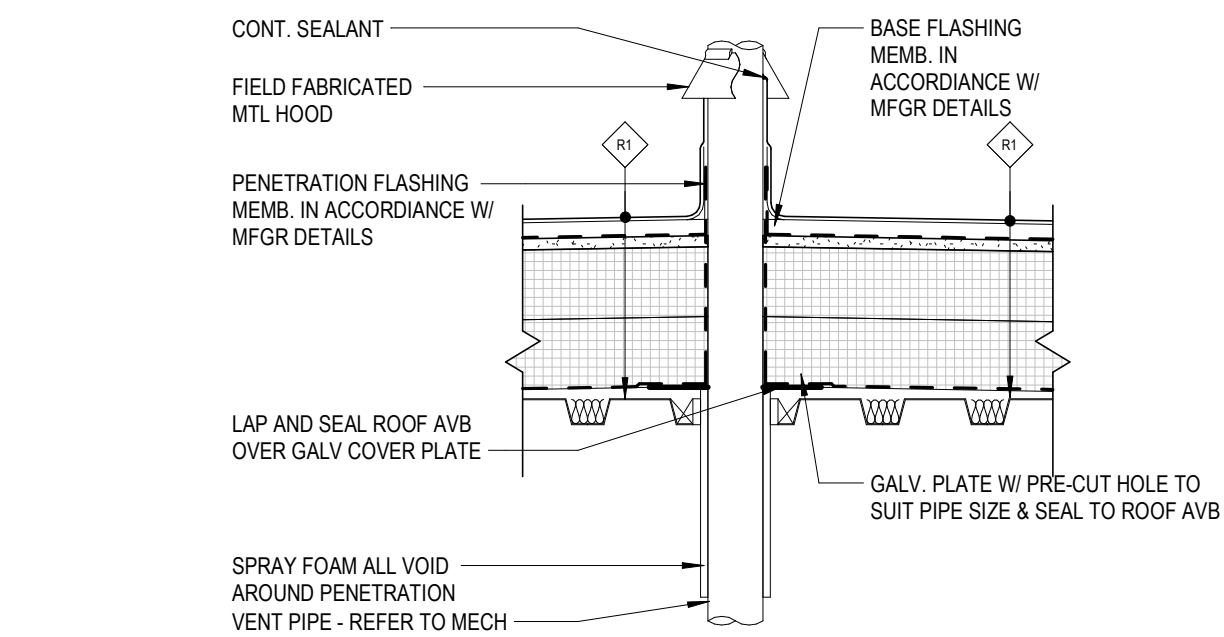
ROOF CURB - TYP

1 : 10



HOT STACK PENETRATION

1 : 10



MECH. PENETRATION - TYP.

1 : 10

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GENERAL NOTES

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

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OWNER

RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE

TYPICAL DETAILS

SCALE

PROJECT NUMBER
DRAWN BY

1 : 10

2024.01200
Author

AE-802

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CONSULTANTS

GENERAL NOTES

LEGEND AND MATERIAL LIST	
1	EXISTING TO REMAIN
2	SEE SHEET A-103 - DEMO & REMEDIAL FLOOR PLAN
FLOORING	
3	POLISHED CONCRETE
4	PAINTED CONCRETE
5	SEALED CONCRETE
6	SKATE FLOORING (RAF) EXTENT SHOWN AS NOTED
7	RESILIENT SHEET FLOORING
8	CERAMIC TILE EXTENT SHOWN AS NOTED
WALL FINISHES	
9	PAINT: PT-1 ALL AREAS EXCEPT AS NOTED OTHERWISE.
10	PAINT: PT-2 EXTENT SHOWN AS NOTED
11	CERAMIC WALL TILE: CT EXTENT SHOWN AS NOTED
12	PVC PANEL TO CEILING HEIGHT: PVC EXTENT SHOWN AS NOTED
MILLWORK	
14	STAINLESS STEEL - COUNTER
15	PLASTIC LAMINATE - CABINET
16	PLASTIC LAMINATE - COUNTER

1	2026.06.03	ISSUED FOR TENDER/PERMIT
REV	DATE	DESCRIPTION
PROJECT NORTH		

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RM OF HANOVER

PROJECT NAME & ADDRESS

GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

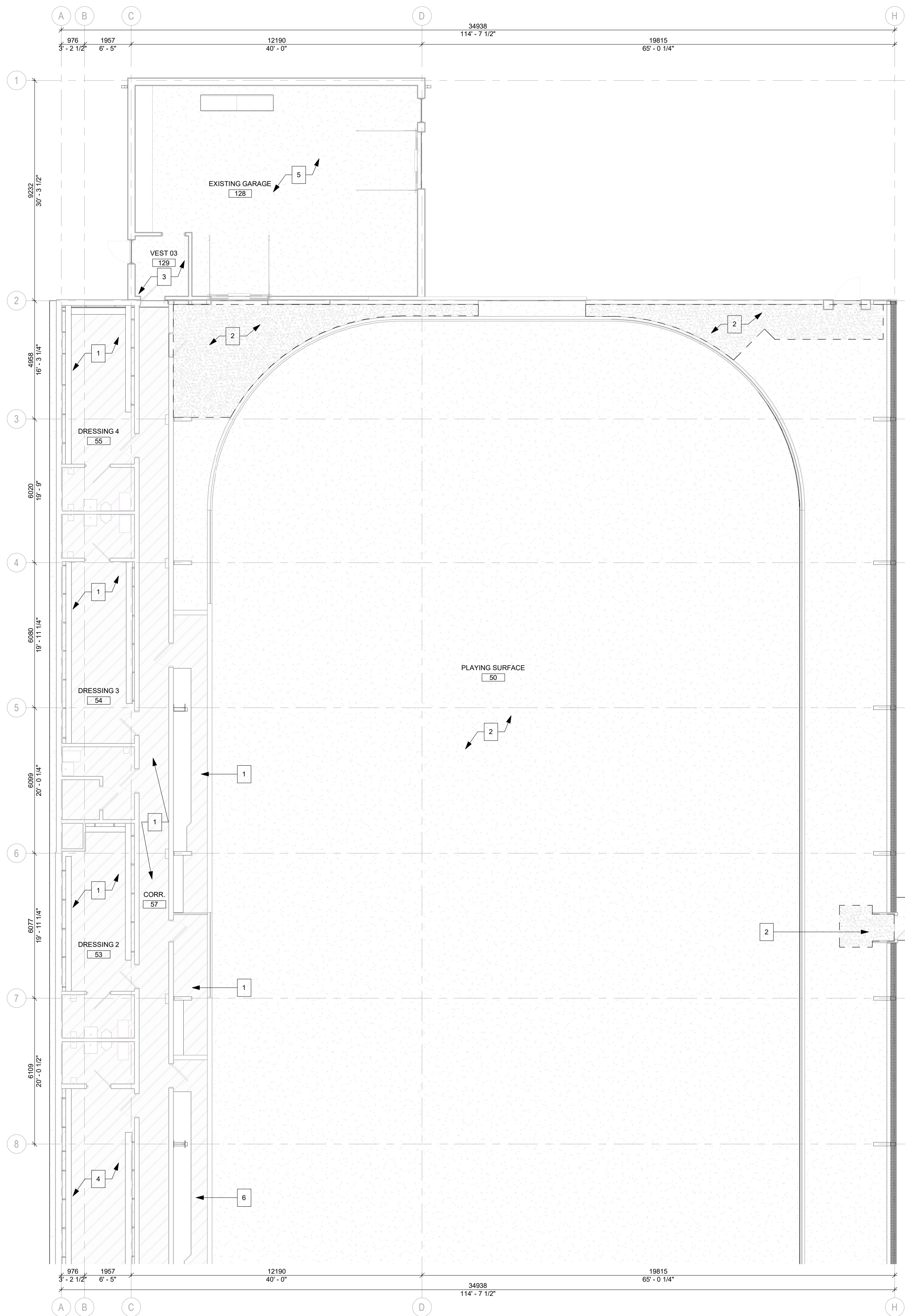
TITLE

FLOOR FINISH PLANS

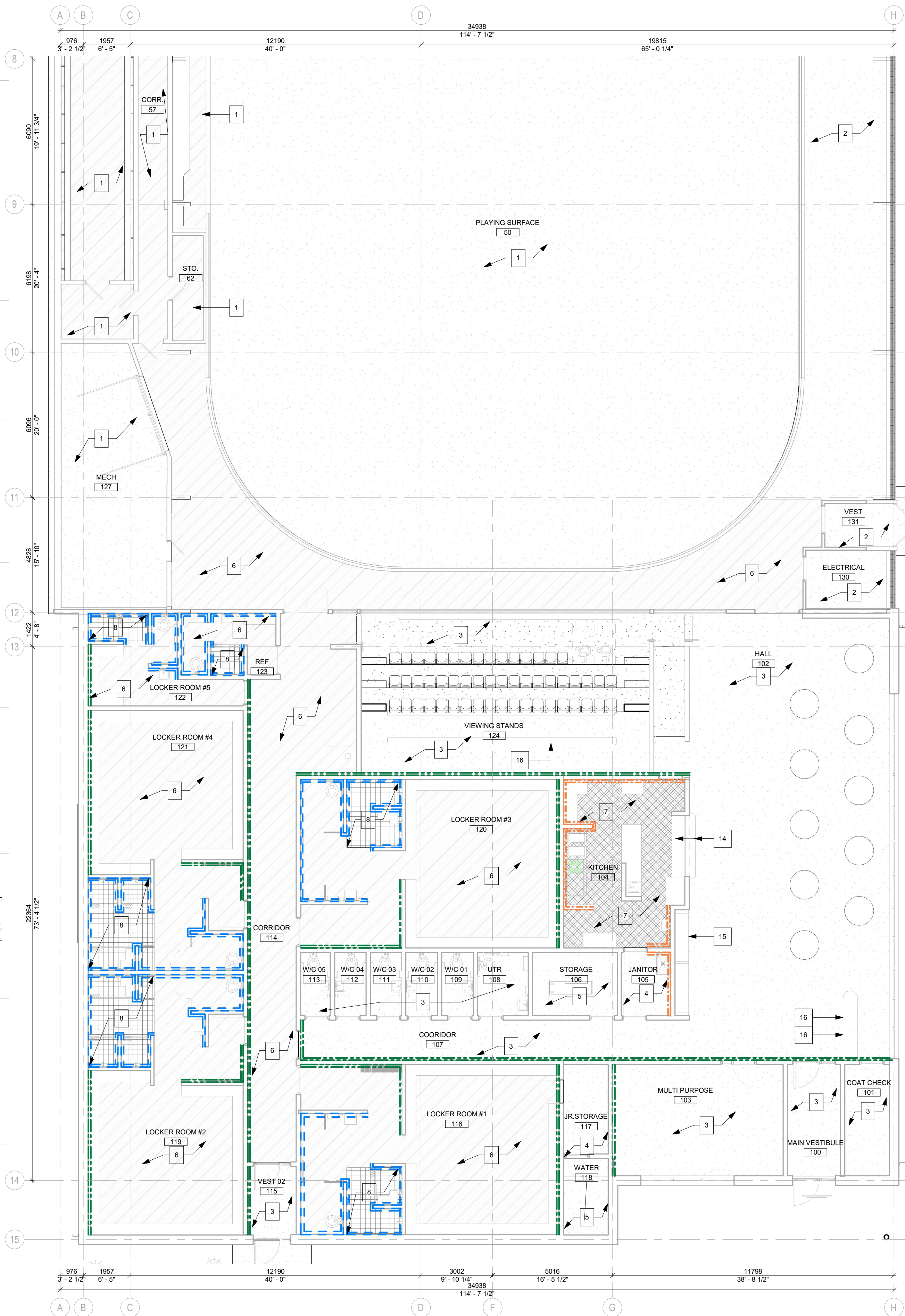
SCALE
PROJECT NUMBER
DRAWN BY

1 : 100
2024.01200
Author

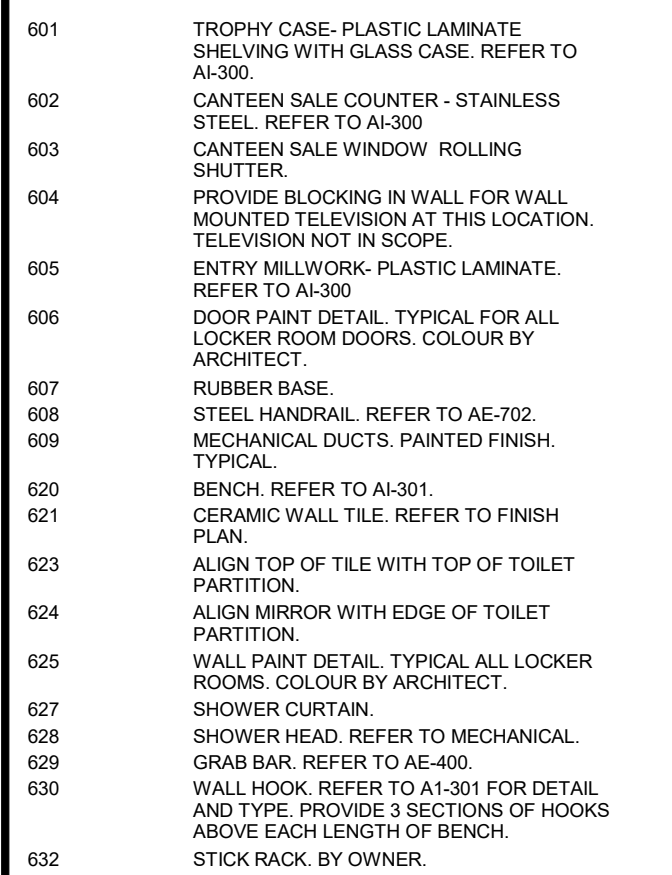
AI-100



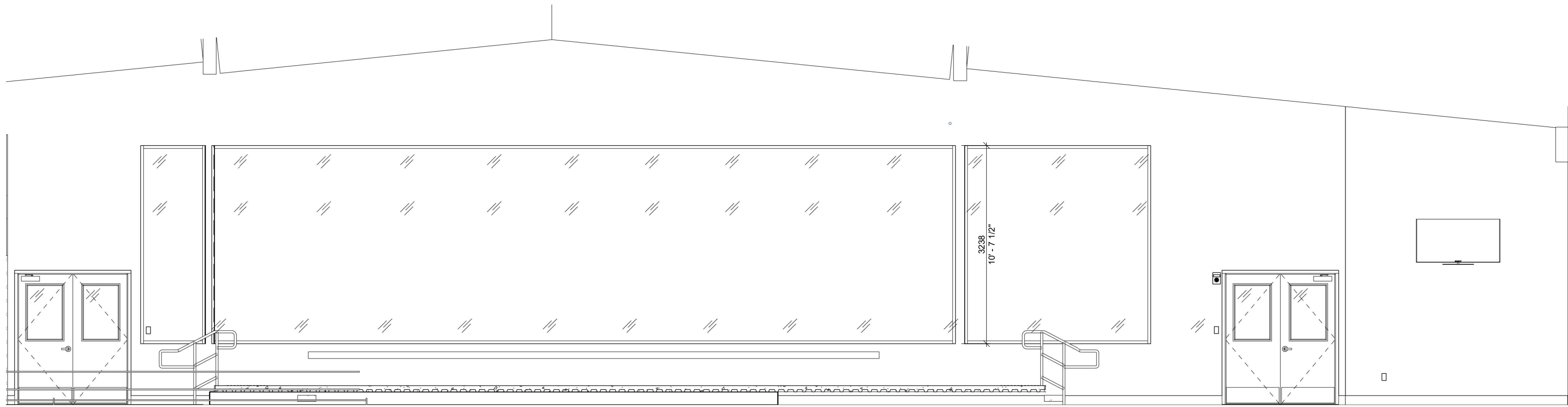
1 FINISHES PLAN - 1
AI-100 1 : 100



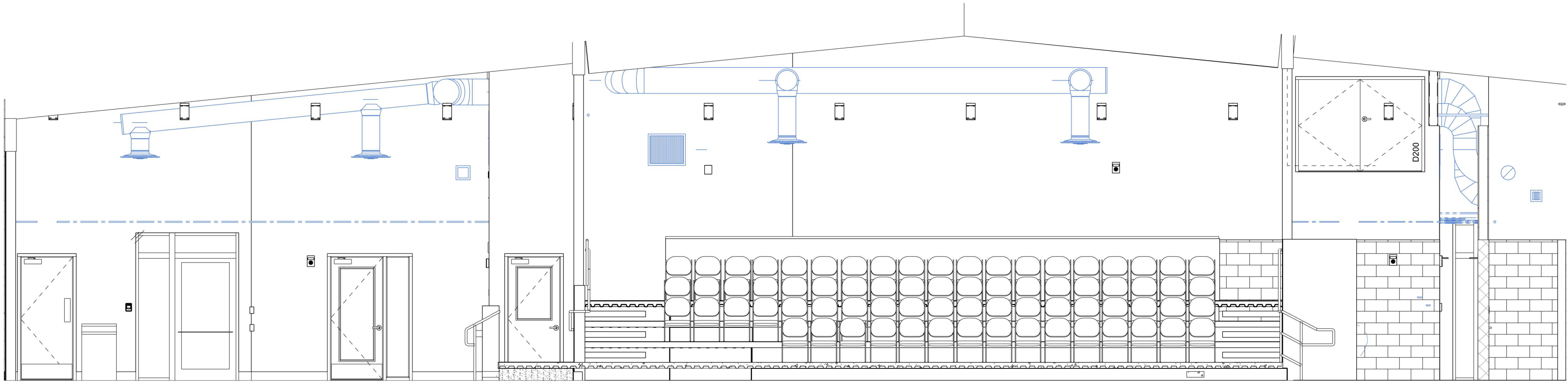
2 FINISHES PLAN - 2
AI-100 1 : 100



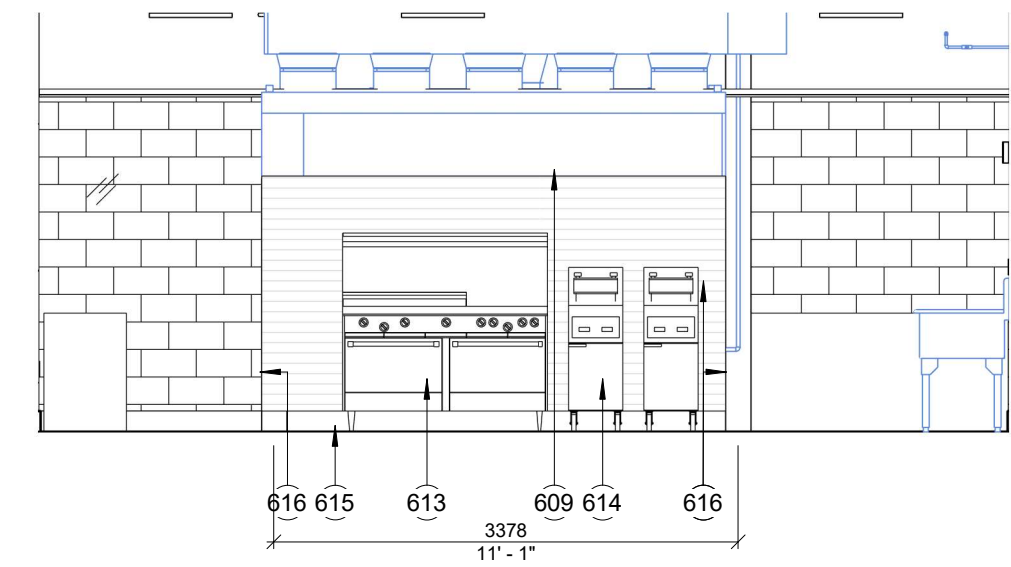
AI-200



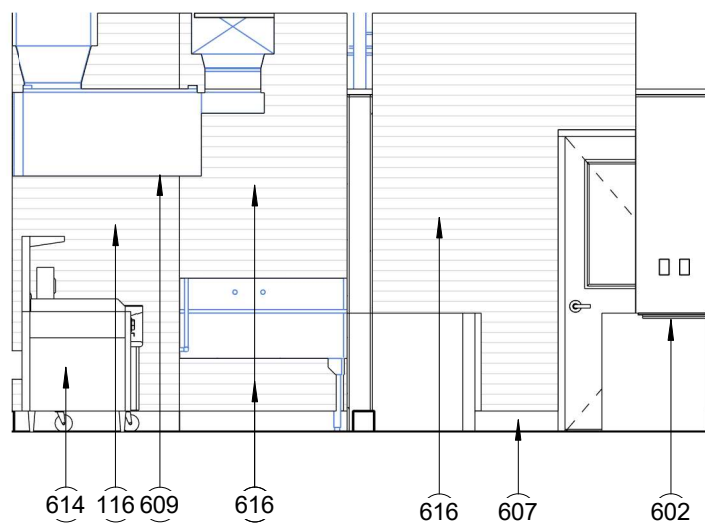
7
AI-201
HALL & VIEWING AREA ELEVATION - N
1 : 50



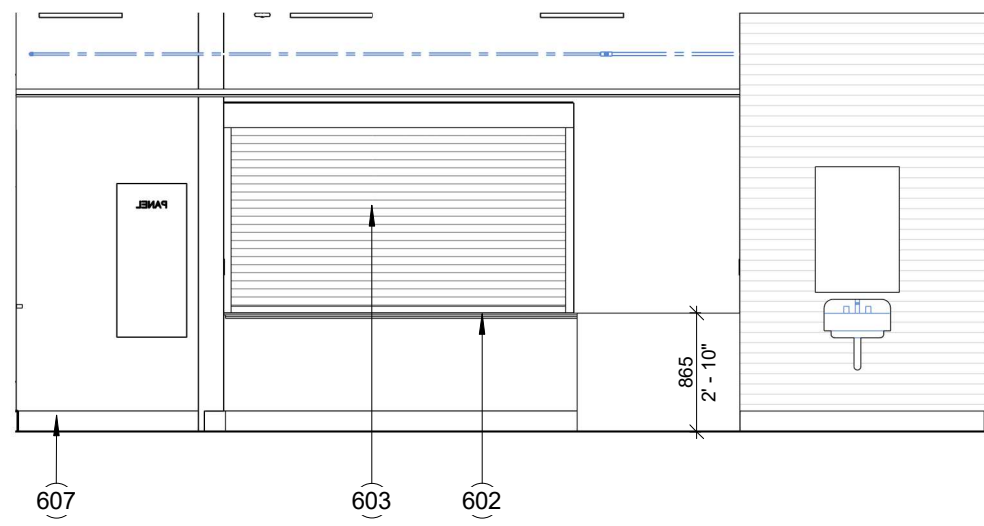
6
AI-201
HALL & VIEWING AREA ELEVATION - S
1 : 50



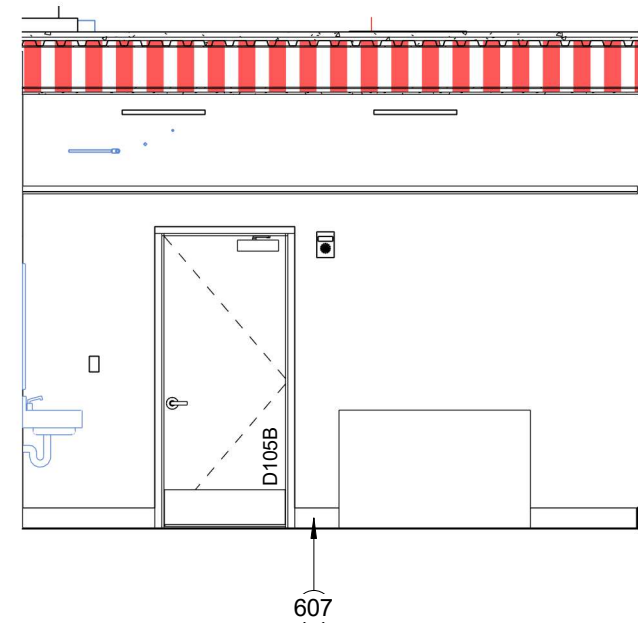
1
AI-201
KITCHEN - WEST
1 : 50



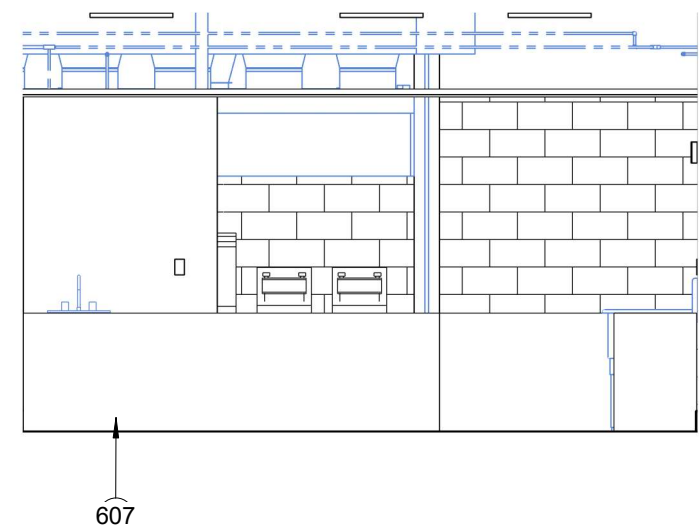
2
AI-201
KITCHEN - NORTH
1 : 50



3
AI-201
KITCHEN - EAST
1 : 50



4
AI-201
KITCHEN - SOUTH
1 : 50



5
AI-201
KITCHEN INSIDE WEST
1 : 50

- 602 CANTEN SALE COUNTER - STAINLESS STEEL. REFER TO AI-300
603 CANTEN SALE WINDOW ROLLING SHUTTER
607 RUBBER BASE.
609 MECHANICAL DUCTS. PAINTED FINISH. TYPICAL
613 EQUIPMENT- RELOCATE FROM EXISTING.
614 EQUIPMENT- RELOCATE FROM EXISTING.
615 COVED BASE.
616 PVC PANEL.

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

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OWNER
RM OF HANOVER

PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
INTERIOR ELEVATIONS

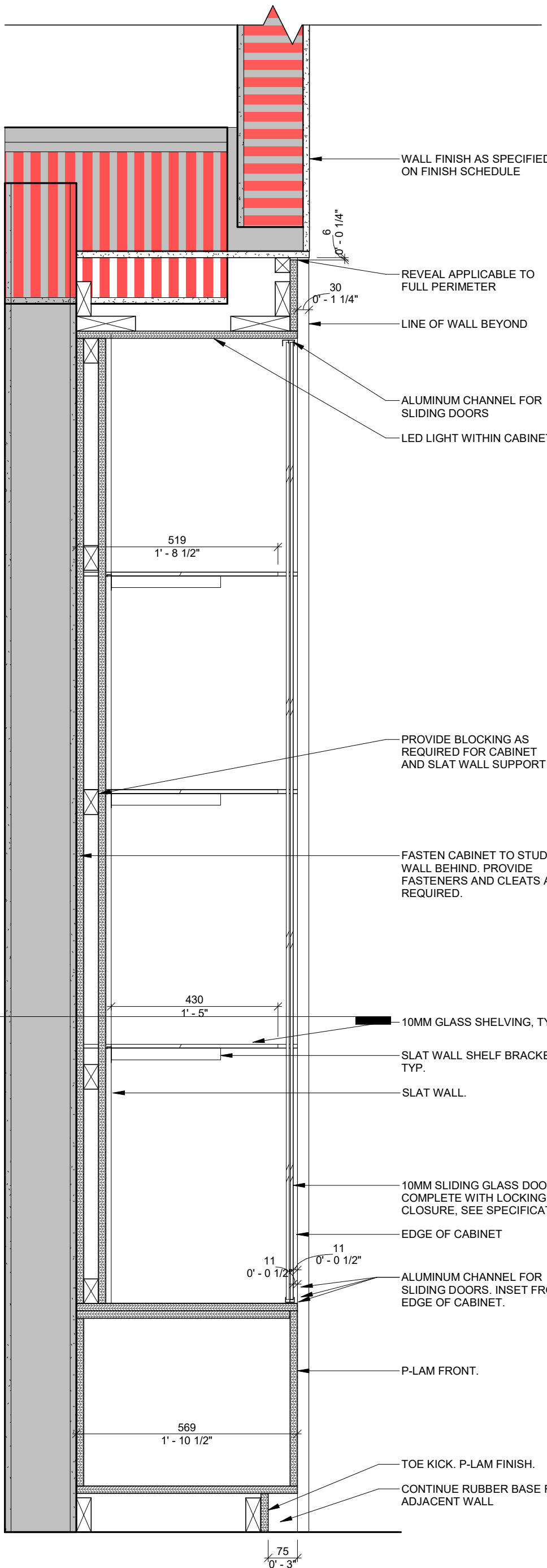
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PROJECT NUMBER
DRAWN BY
1 : 50
2024.01200
Author

AI-201

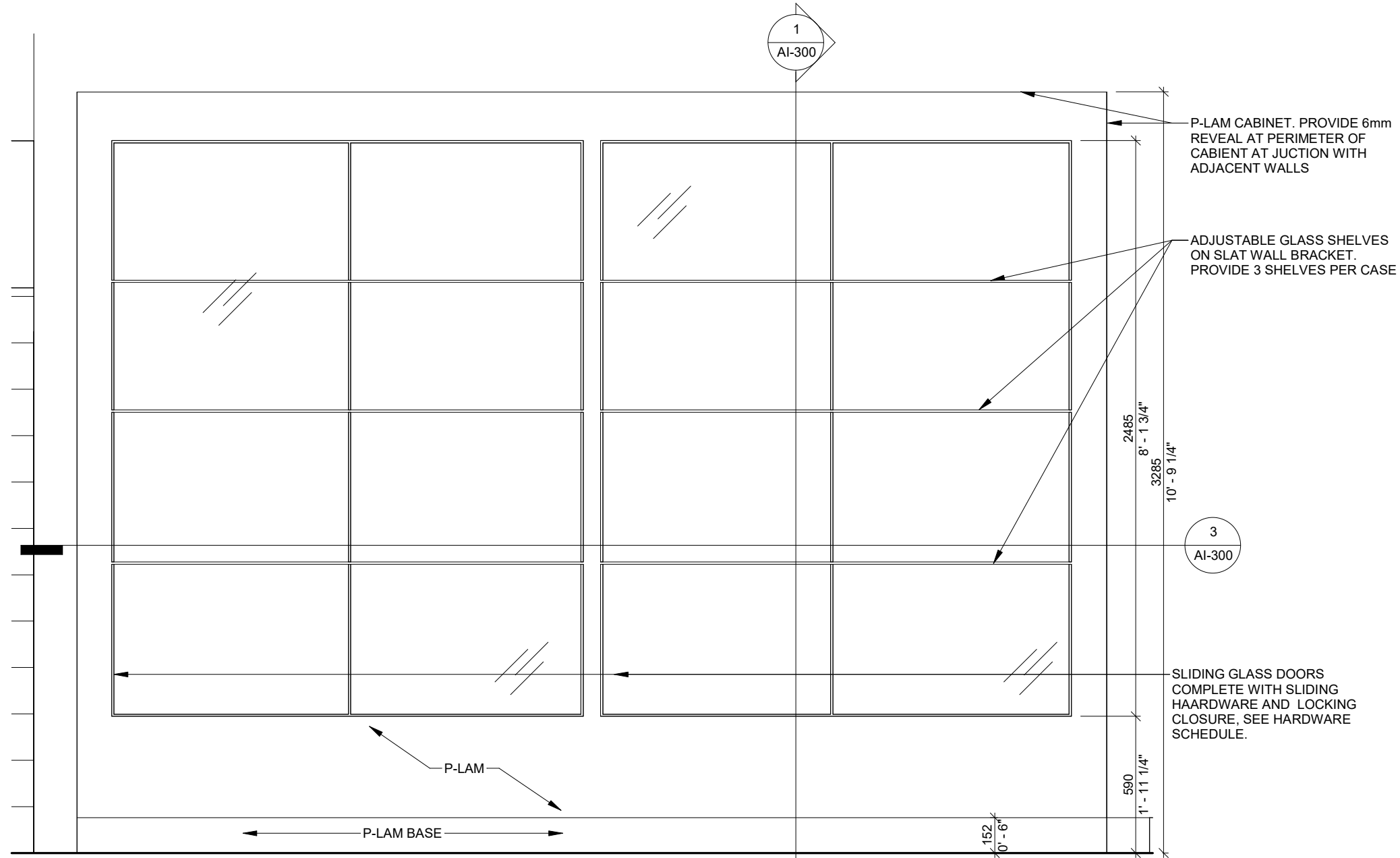
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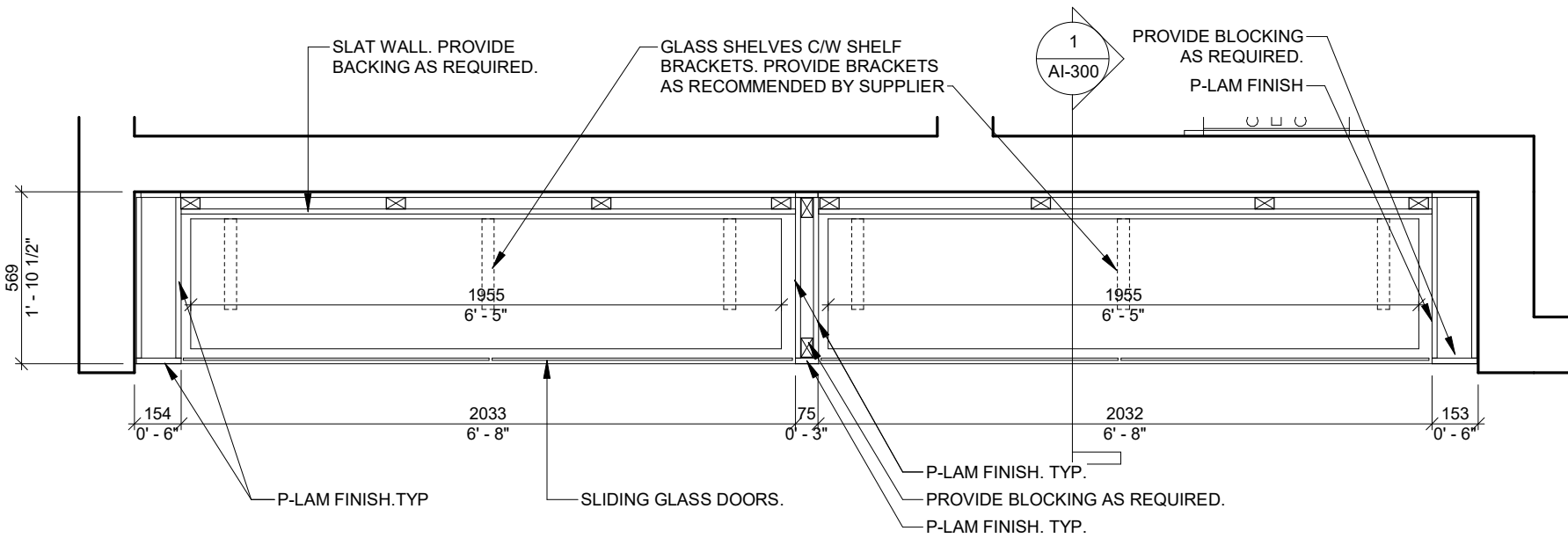
GENERAL NOTES



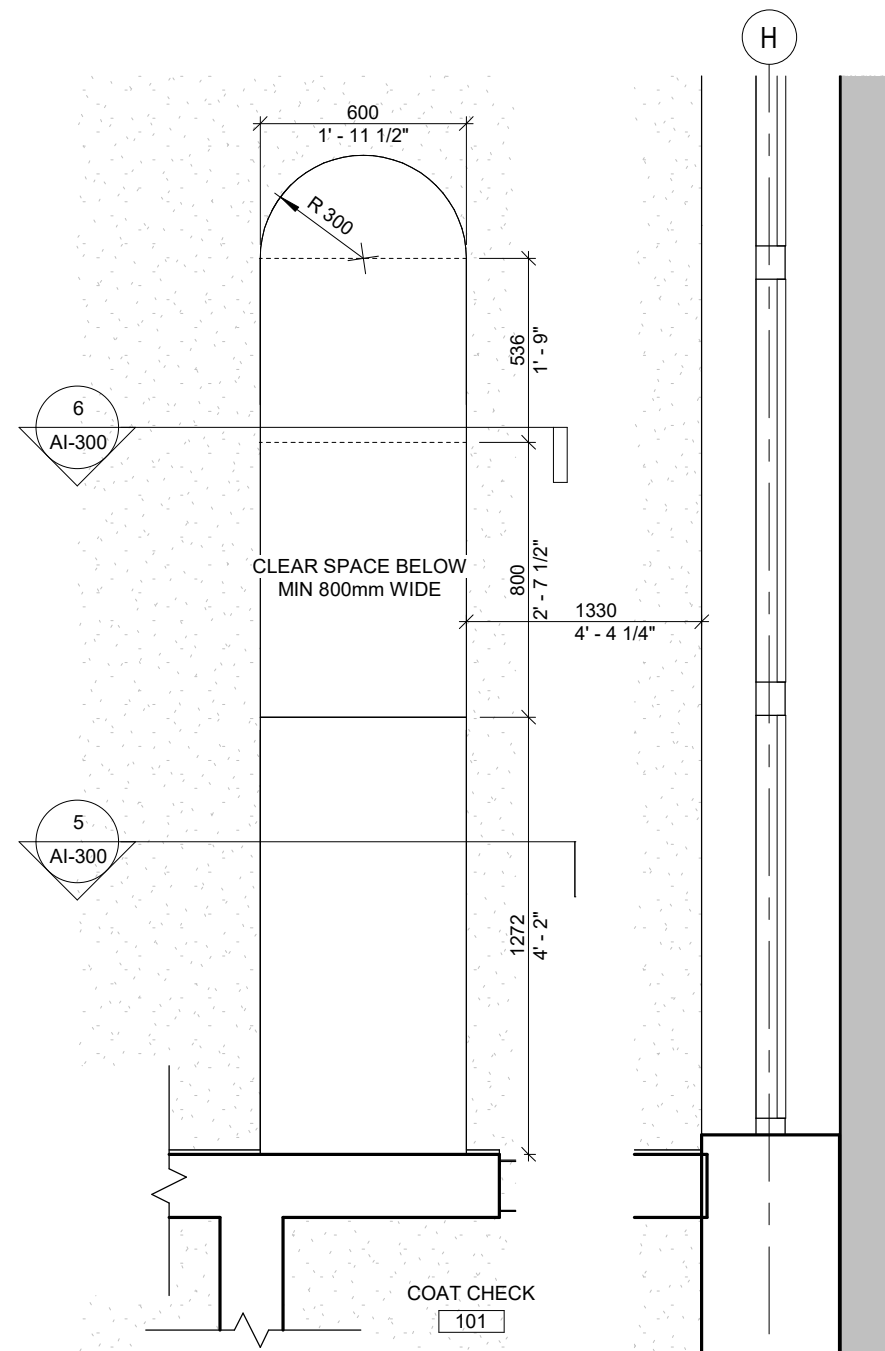
1 TROPHY CASE SECTION
1:10



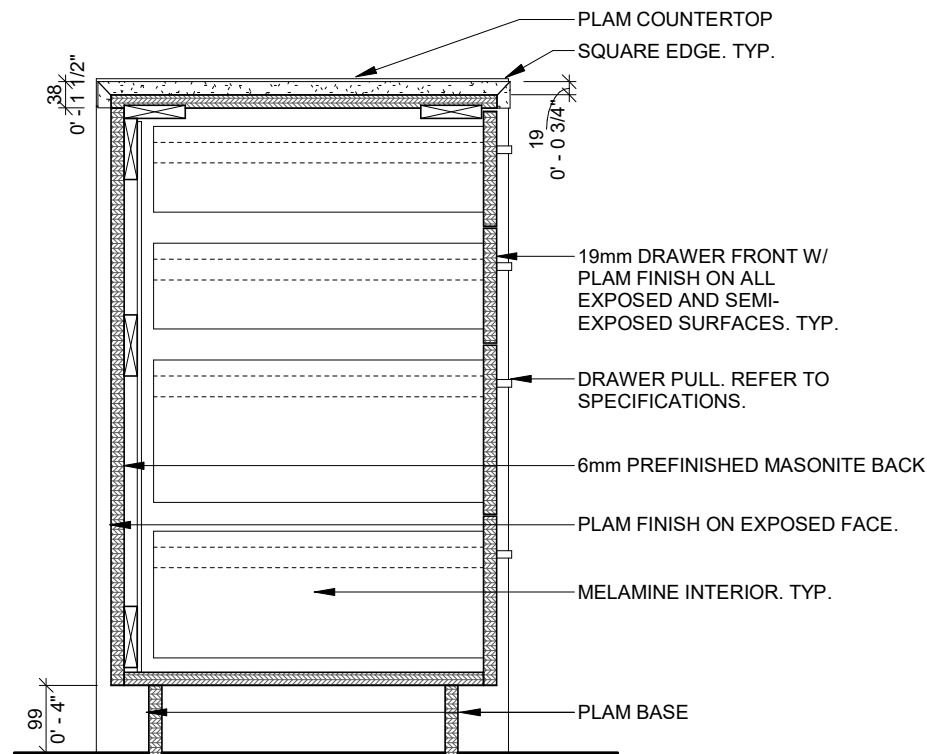
2 TROPHY CASE ELEVATION
1:20



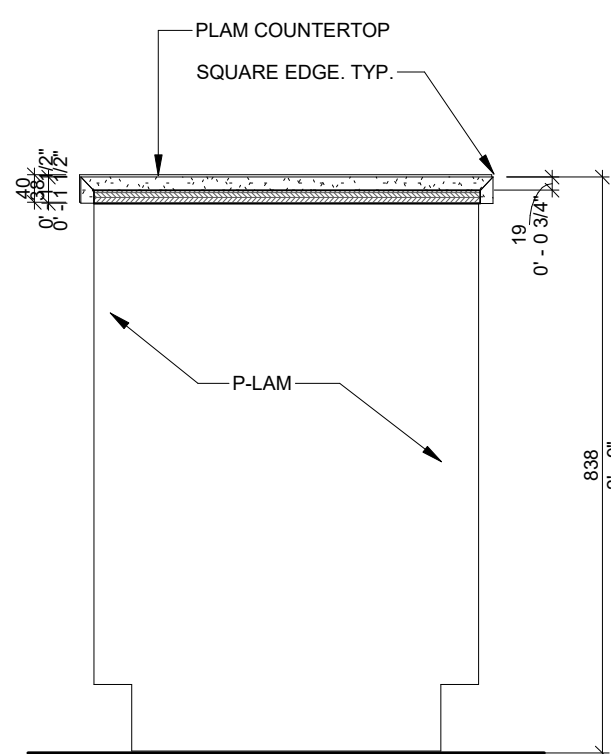
3 TROPHY CASE PLAN
1:20



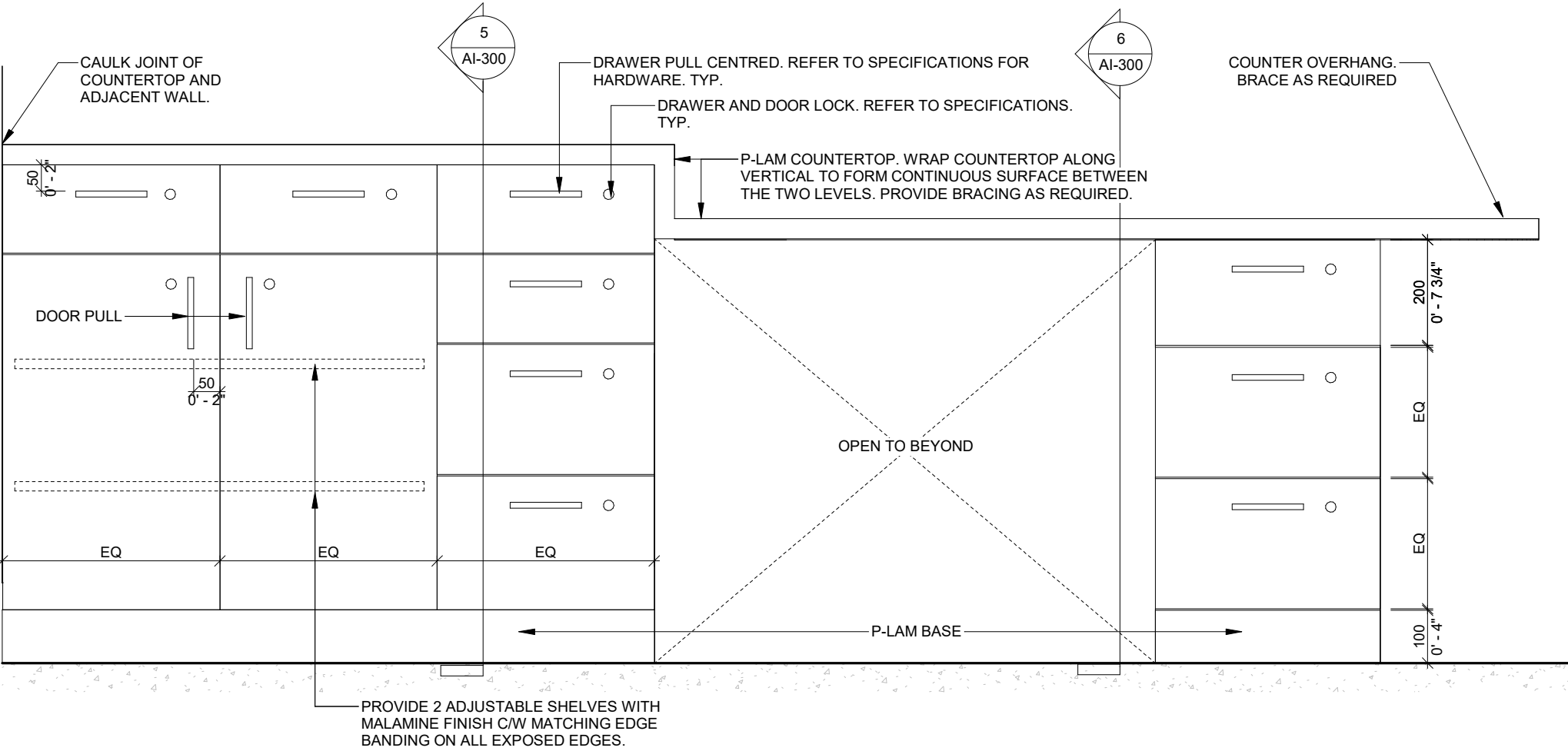
4 HALL DESK PLAN
1:20



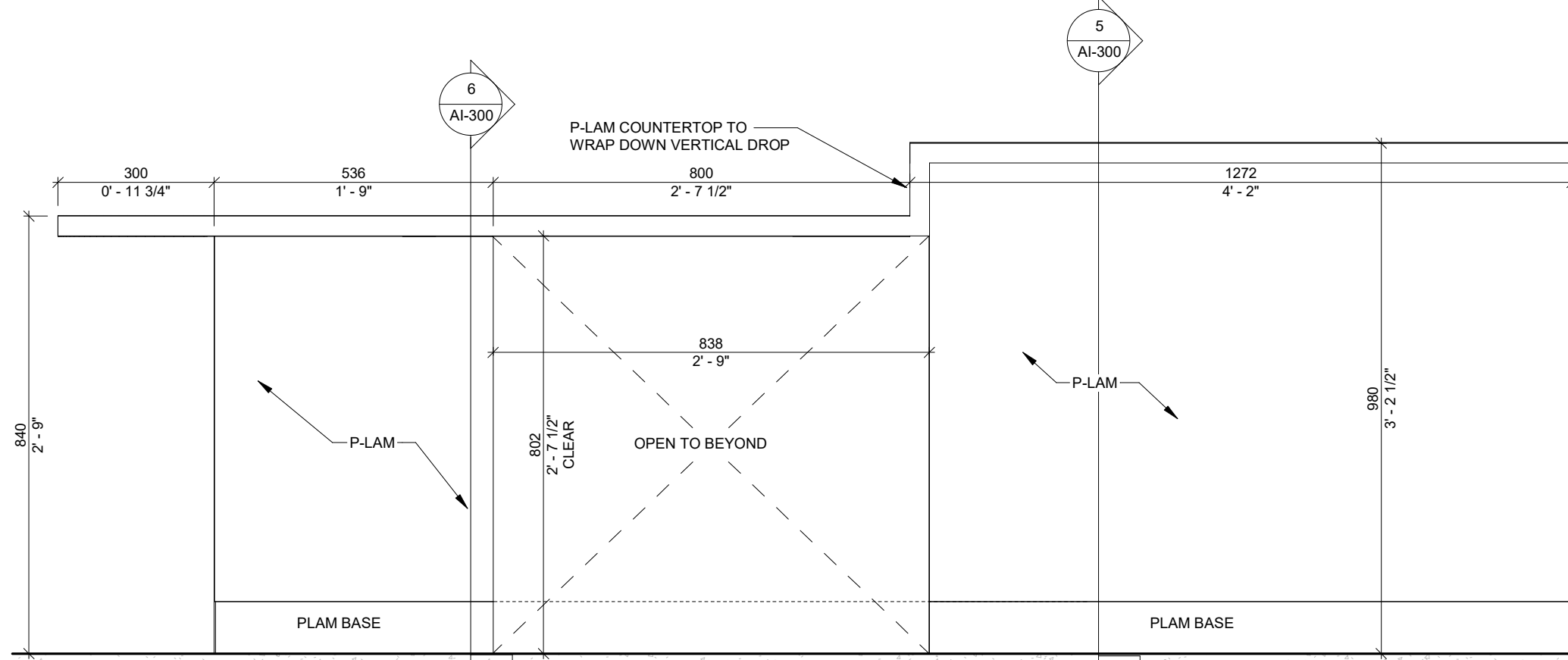
5 HALL DESK SECTION
1:10



6 HALL DESK OPEN SECTION
1:10



7 HALL DESK INSIDE ELEVATION
1:10



8 HALL DESK FRONT ELEVATION
1:10

REV	DATE	DESCRIPTION
1	2026.06.03	ISSUED FOR TENDER/PERMIT

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PERMIT / STAMP



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RM OF HANOVER

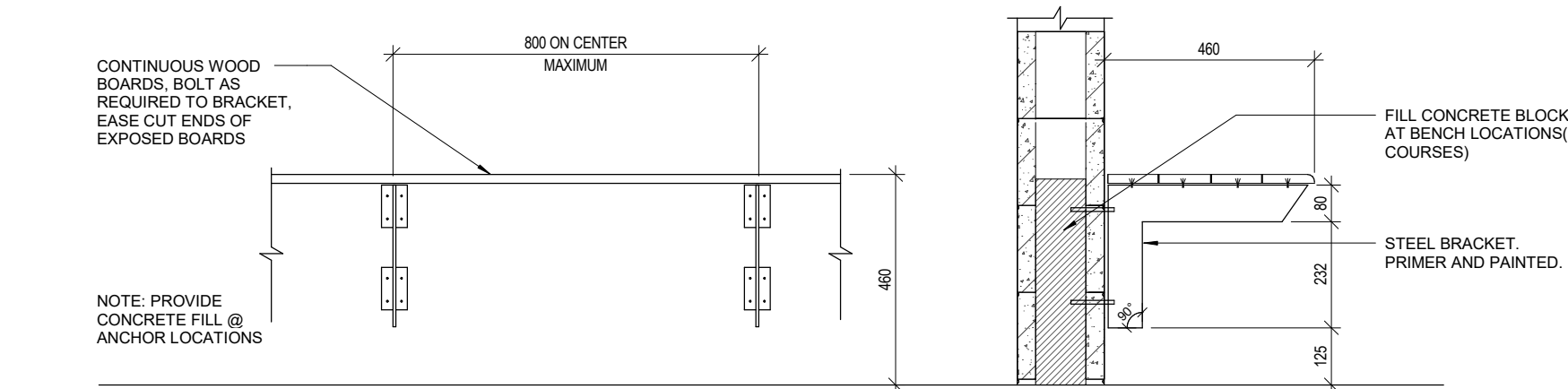
PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
MILLWORK DETAILS

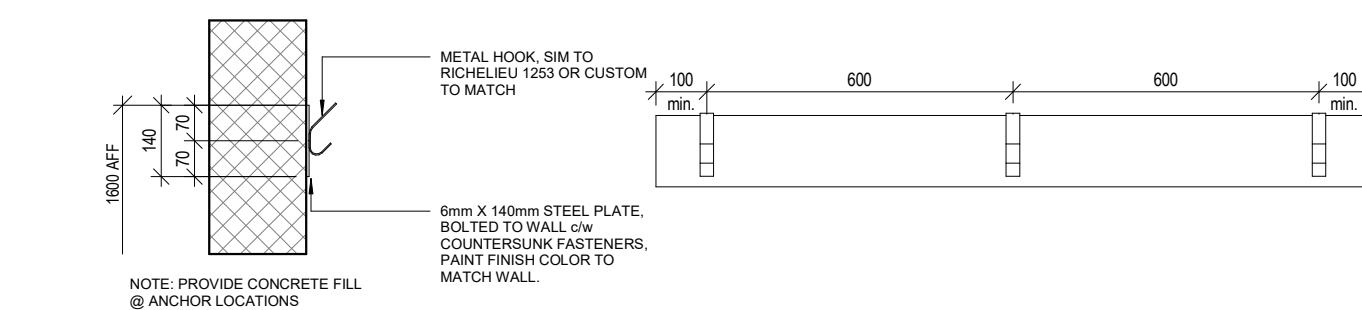
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PROJECT NUMBER
DRAWN BY

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Author

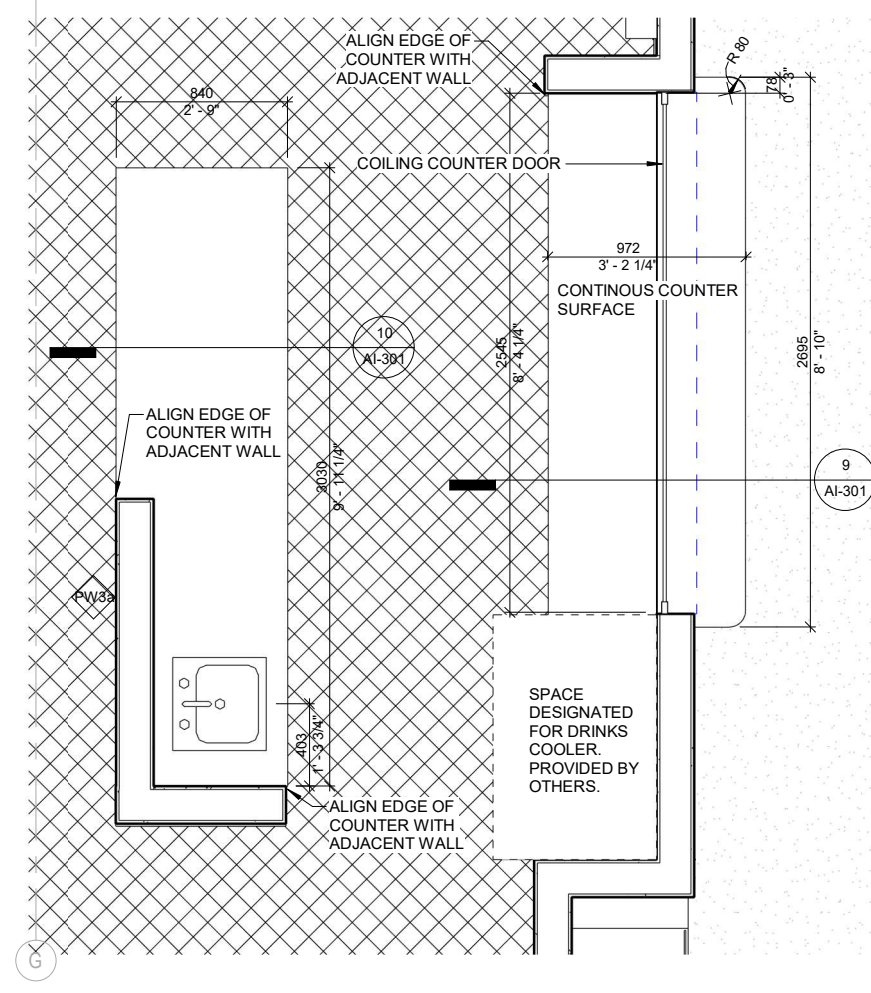
AI-300



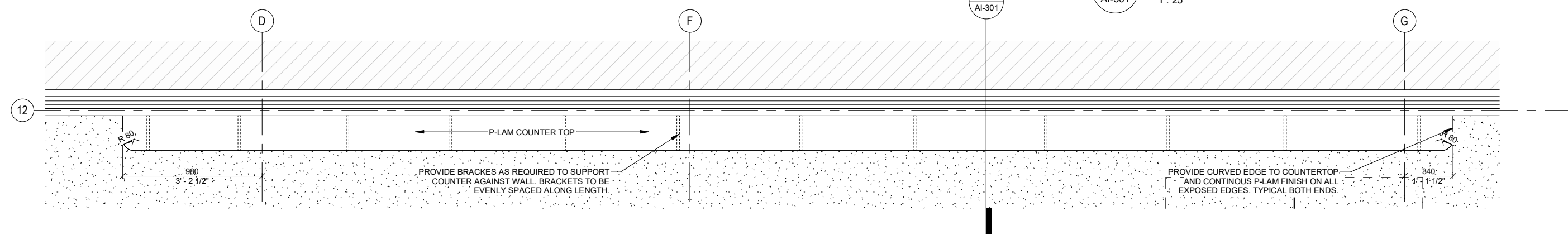
1 LOCKER ROOM BENCH
AI-301 1: 10



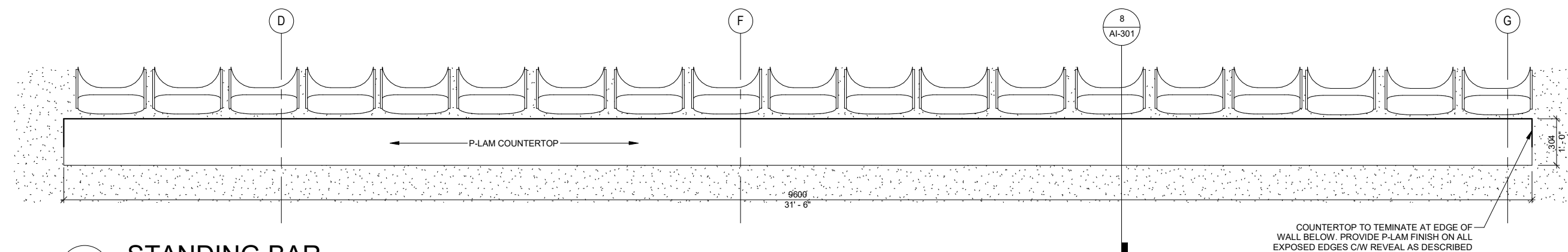
2 LOCKER ROOM WALL HOOKS
AI-301 1: 10



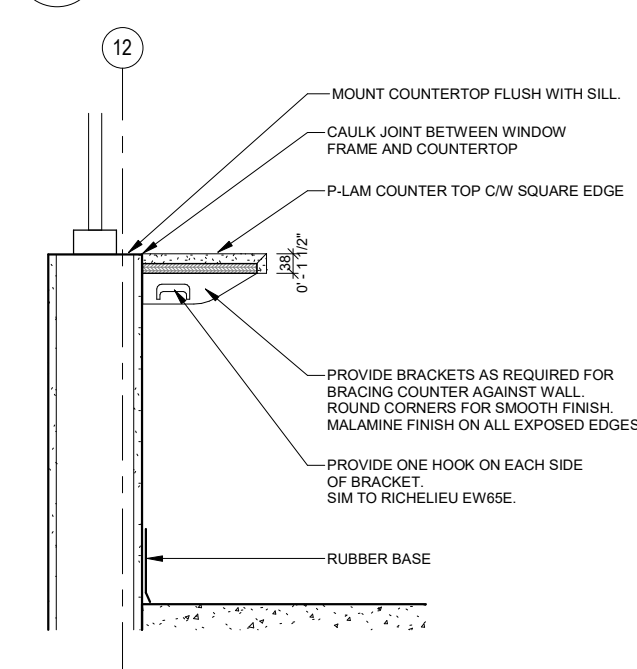
3 KITCHEN COUNTER
AI-301 1: 25



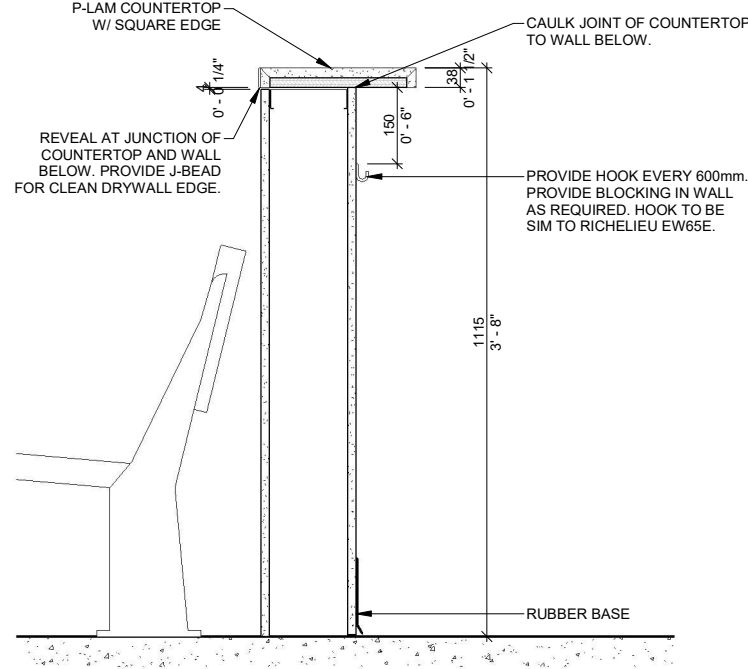
5 BAR AT RINK WINDOW
AI-301 1: 20



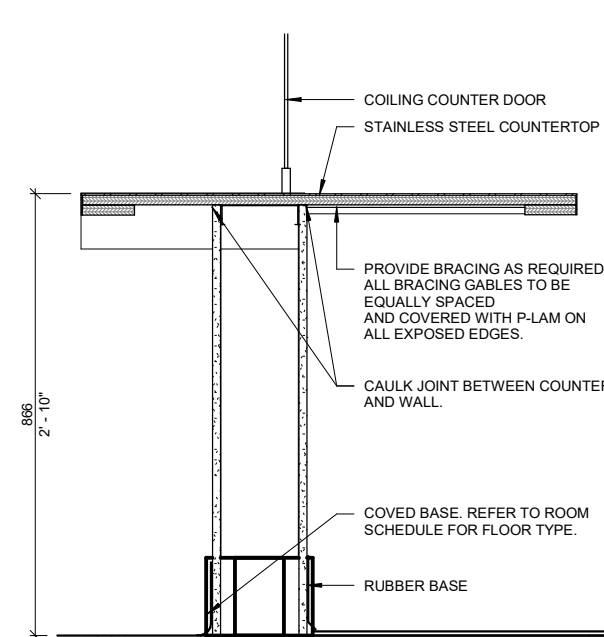
6 STANDING BAR
AI-301 1: 20



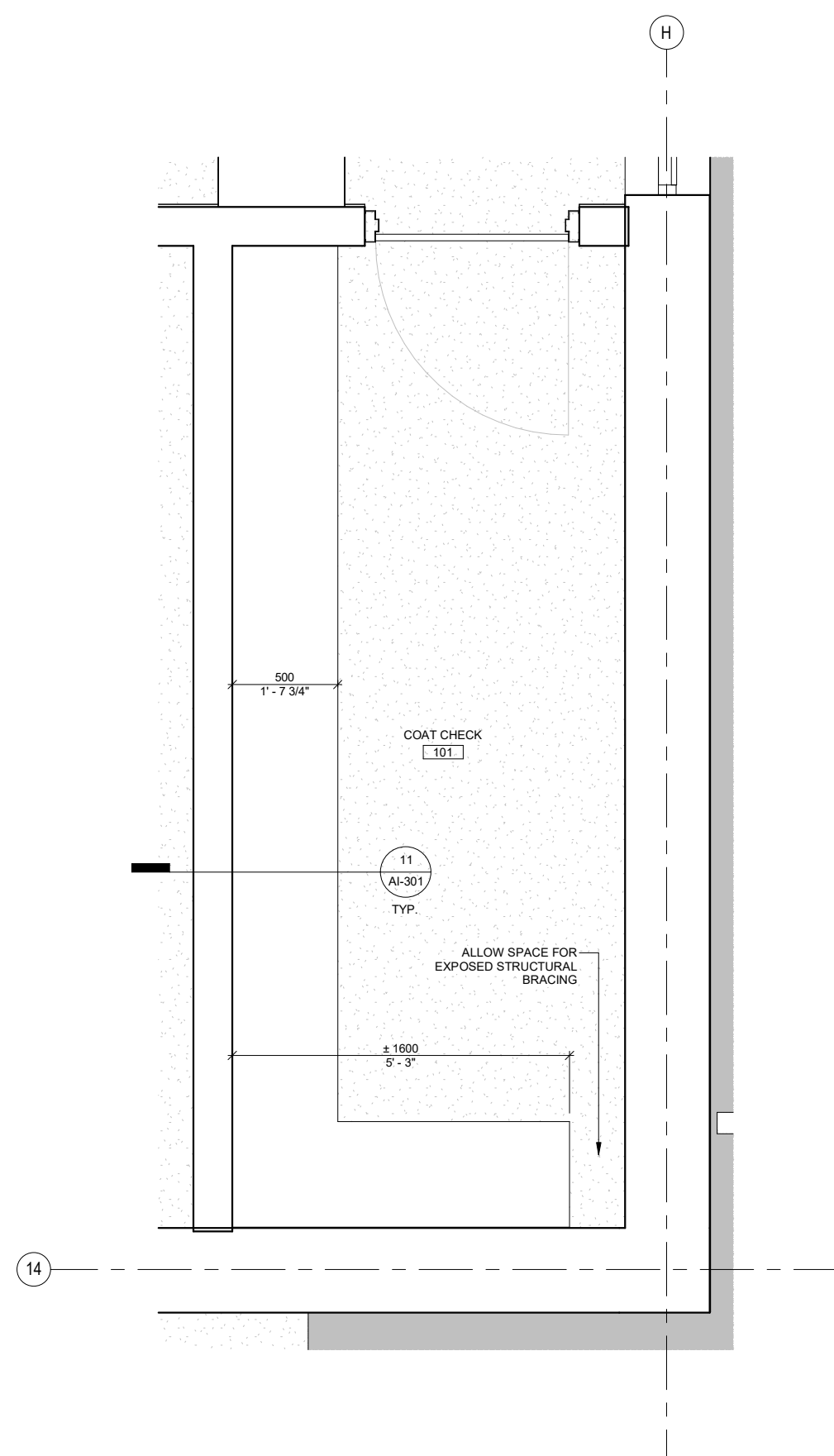
7 BAR @ WINDOW
AI-301 1: 10



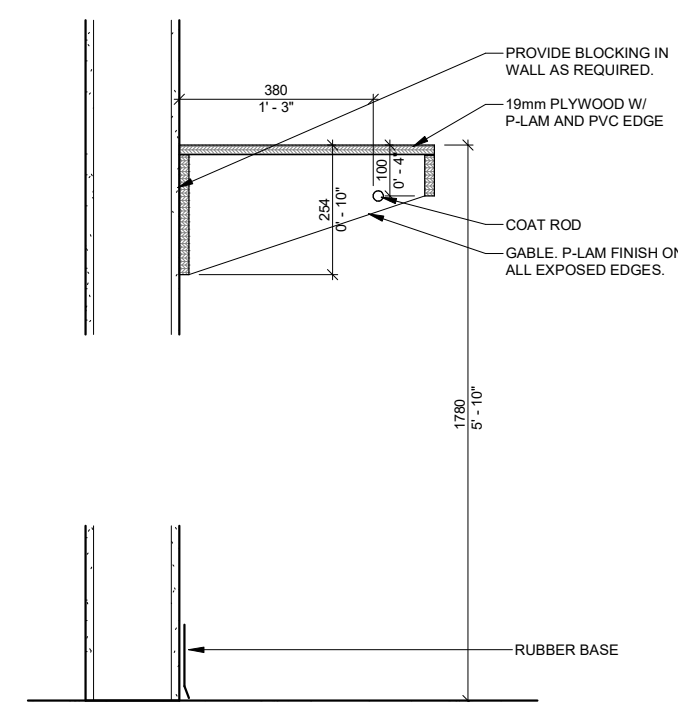
8 STANDING BAR DETAIL
AI-301 1: 10



9 CANTEEN COUNTER
AI-301 1: 10



4 COAT RACK PLAN
AI-301 1: 20



11 COAT ROD AND SHELF
AI-301 1: 10



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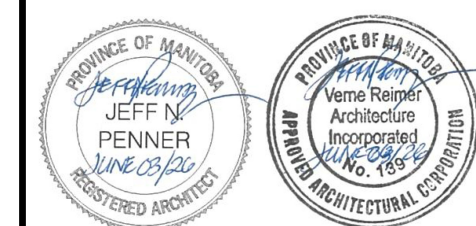
CONSULTANTS

GENERAL NOTES

REV	DATE	DESCRIPTION
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RM OF HANOVER

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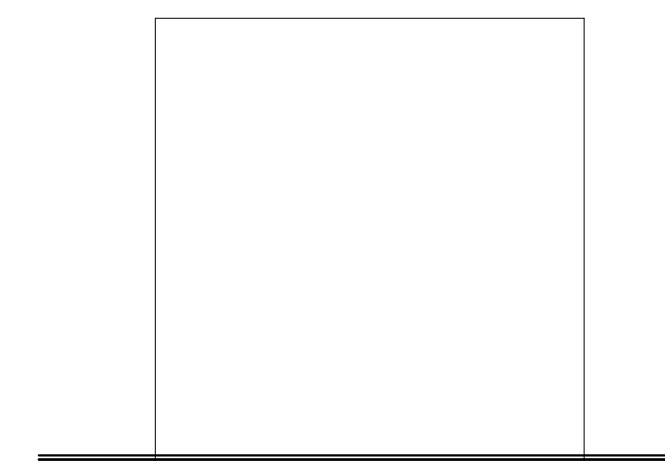
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
MILLWORK DETAILS

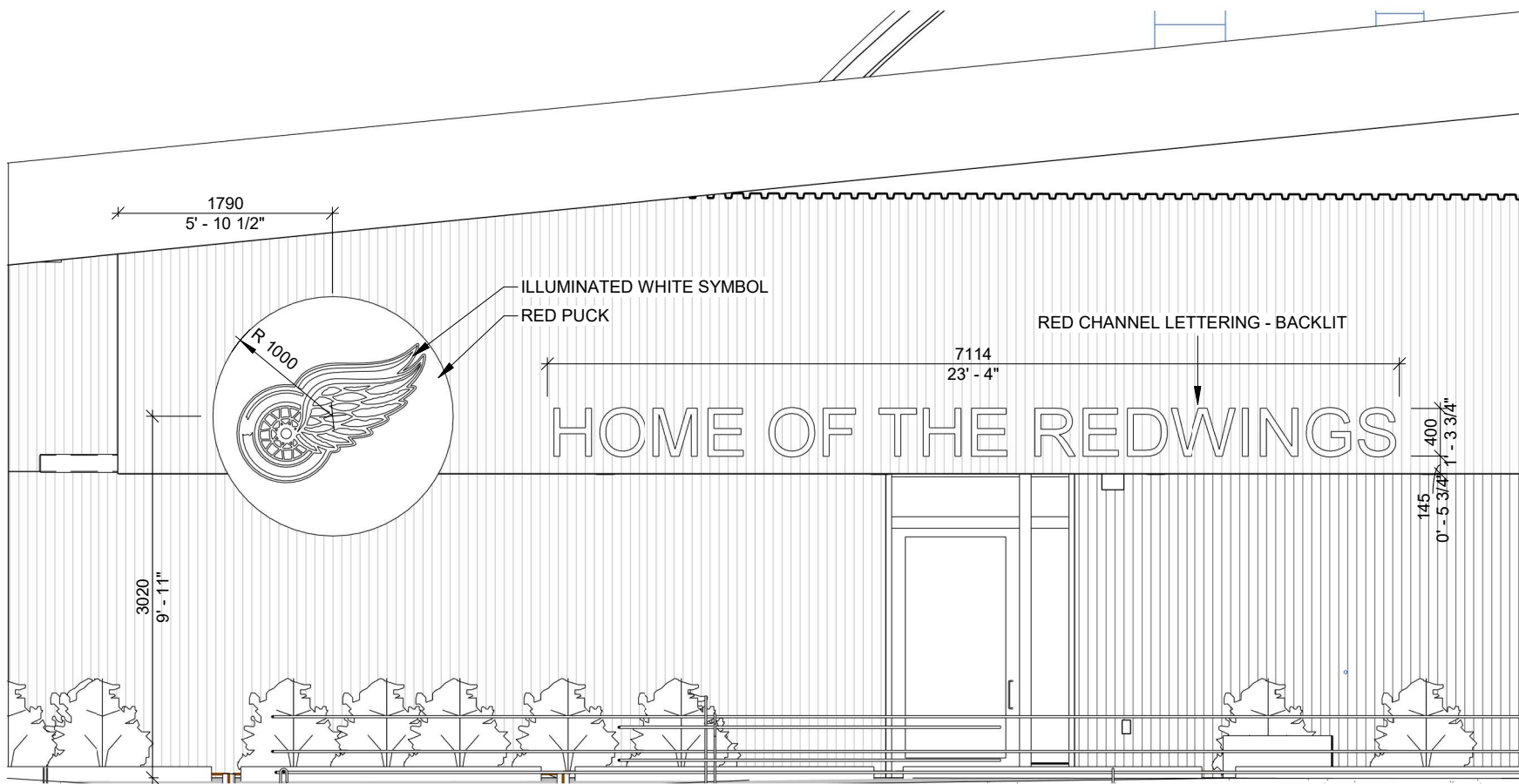
SCALE
PROJECT NUMBER
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2024.01200
Author

AI-301



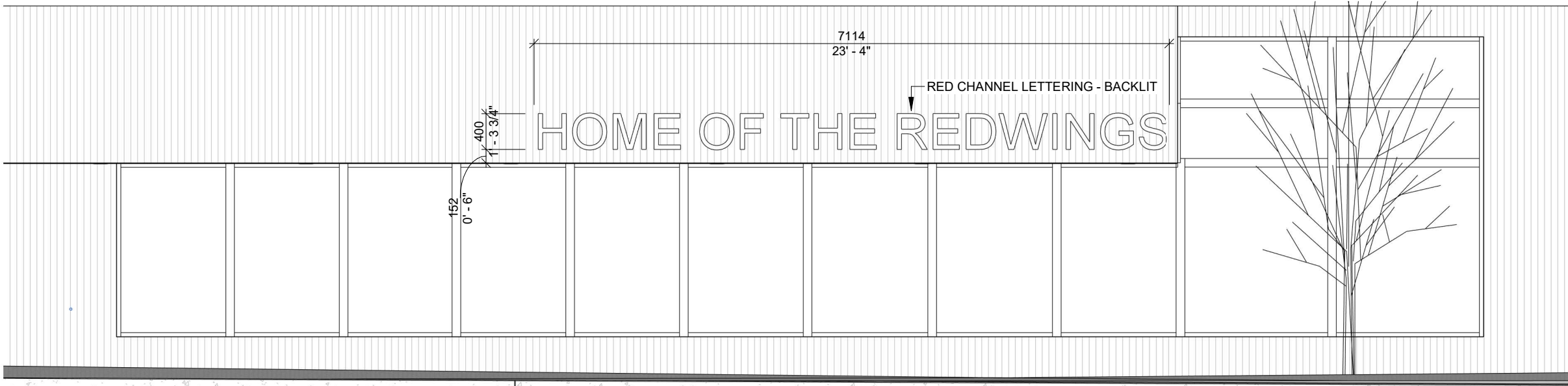
10 WORK SURFACE
AI-301 1: 10



1
SG-200
1 : 50
PLAYER ENTRANCE SIGNAGE



2
SG-200
1 : 50
MAIN ENTRANCE SIGNAGE



3
SG-200
1 : 50
EAST WALL SIGNAGE

1	2026.06.03	ISSUED FOR TENDER/PERMIT
REV	DATE	DESCRIPTION
PROJECT NORTH		

PERMIT / STAMP



OWNER
RM OF HANOVER

PROJECT NAME & ADDRESS
GRUNTHAL ARENA EXPANSION
GRUNTHAL, MB

TITLE
SIGNAGE ELEVATIONS

SCALE
PROJECT NUMBER
DRAWN BY

1 : 50
2024.01200
Author

SG-200