

PROPOSED PROJECT FOR:

GRIFFIN ARMAMENT

WATERTOWN, WISCONSIN

PROJECT LOCATION MAP

ENLARGED MAP

BAYLAND

BAYLAND BUILDINGS

P.O. BOX 13571 GREEN BAY, WI 54307

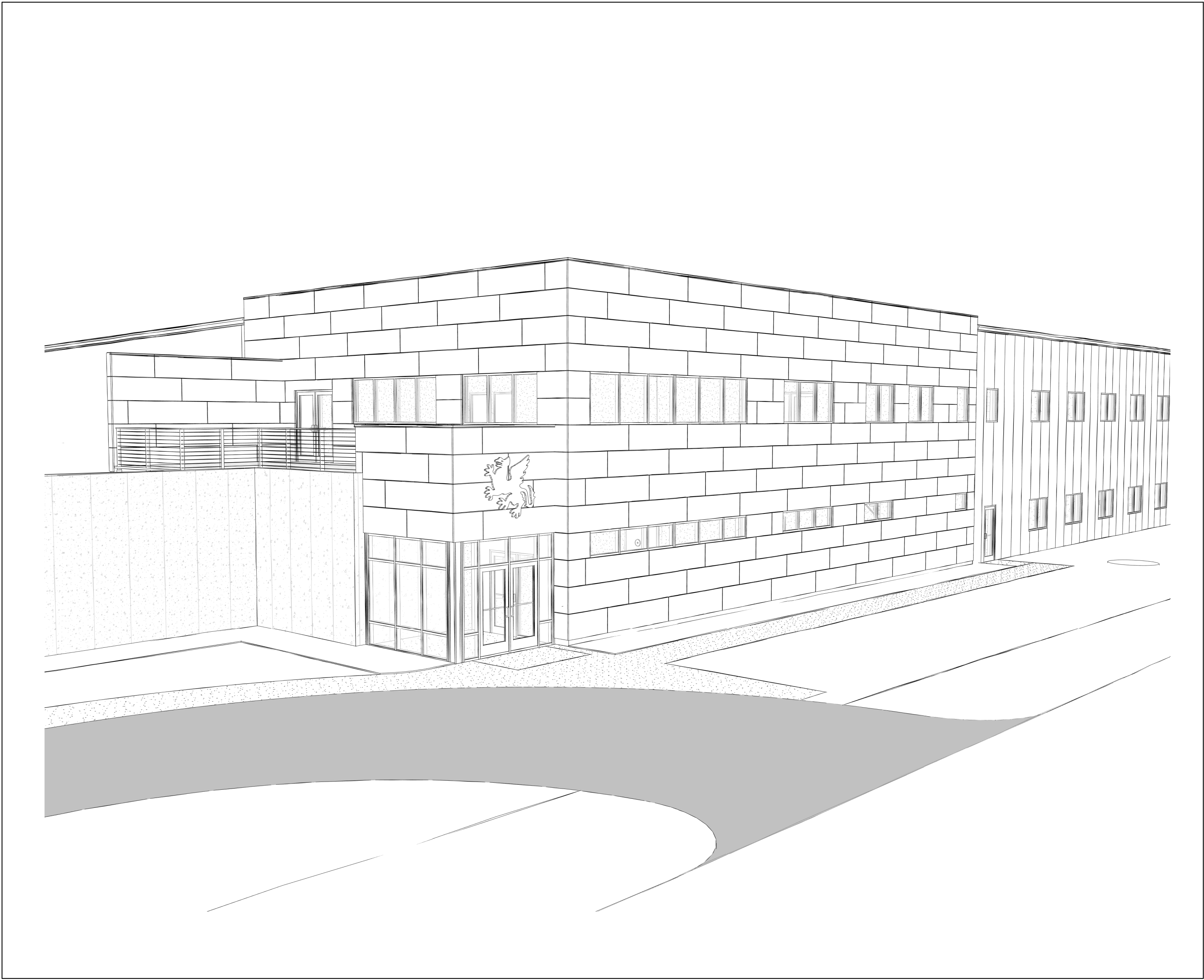
(920) 498-9300 FAX (920) 498-3033

www.baylandbuildings.com

DESIGN & BUILD GENERAL CONTRACTOR

PROJECT PERSPECTIVE (NTS)

- FOR CONCEPTUAL PROPOSES ONLY!
REFERENCE FLOOR PLANS, ELEVATIONS, SECTIONS, ETC. FOR MORE INFORMATION



SHEET INDEX

NUMBER	SHEET NAME / DESCRIPTION	LATEST SHEET REVISION		
		DATE	ISSUED BY	NUMBER
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A0.2	PLAN NOTES			
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A1.1	FLOOR PLAN - FIRST FLOOR PLAN			
A1.2	FLOOR PLAN - 1ST FLOOR ENLARGED			
A1.3	FLOOR PLAN - 2ND FLOOR ENLARGED			
A2.0	EXTERIOR ELEVATIONS			
A3.0	BUILDING SECTIONS			
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S4.3	STRUCTURAL SCHEDULES & DETAILS			
S4.4	STRUCTURAL SCHEDULES & DETAILS			
S5.0	STRUCTURAL DETAILS			

PROJECT INFORMATION

OWNER INFORMATION:
OWNER
ADDRESS
CITY, STATE ZIP
CONTACT:
TENANT:
DIS NO:

ARCHITECTURAL DATA:
BUILDING CODES:
IBC 2015
WECBC SPS 361-366
IEBC 2015
SCOPE OF WORK:
BUILDING USE:

FIRE PROTECTION SYSTEM:
BUILDING IS NOT PROTECTED BY AN AUTOMATIC FIRE SPRINKLER

BUILDING IS PROTECTED BY AN AUTOMATIC FIRE SPRINKLER SYSTEM PER NFPA 13

BUILDING IS PROTECTED BY AN AUTOMATIC FIRE SPRINKLER SYSTEM FOR HIGH PILED COMBUSTIBLE STORAGE PER NFPA 13 ESFR

BUILDING IS PROTECTED BY AN AUTOMATIC FIRE SPRINKLER SYSTEM PER NFPA 13R

FIRE & SMOKE PROTECTION FEATURES:
ALLOWABLE AREA DETERMINED BY IBC 508.3
NONSEPARATED OCCUPANCIES

ALLOWABLE AREA DETERMINED BY IBC 508.4 FIRE BARRIER USED TO SEPARATE OCCUPANCIES

ALLOWABLE AREA DETERMINED BY IBC 706.1 FIRE WALL USED TO CREATE SEPARATE BUILDINGS

ALLOWABLE AREA DETERMINED BY IBC 507.3
UNLIMITED AREA, NONSPRINKLERED, ONE STORY

ALLOWABLE AREA DETERMINED BY IBC 507.4
UNLIMITED AREA, SPRINKLERED, ONE STORY

ALLOWABLE AREA DETERMINED BY IBC 507.5
UNLIMITED AREA, SPRINKLERED, TWO STORY

BUILDING IS SURROUNDED AND ADJOINED BY PUBLIC WAY OR YARDS NOT LESS THAN 60 FT IN WIDTH

BUILDING AREA:
FIRST FLOOR (EXISTING)
OCCUPANCY AREAS
SECOND FLOOR (EXISTING)
OCCUPANCY AREAS
FIRST FLOOR (ADDITION)
OCCUPANCY AREAS
SECOND FLOOR (ADDITION)
OCCUPANCY AREAS

PROJECT LOCATION:
ADDRESS
SUITE:
CITY, STATE ZIP
MUNICIPALITY
COUNTY

OCCUPANCY GROUP:
BUSINESS GROUP:
FACTORY GROUP:

CONSTRUCTION TYPE:
EXISTING BUILDING:
NEW BUILDING:

ALLOWABLE AREA CALCULATION
FIRE AREA #1:
OCCUPANCY XXX SQ. FT.
TABULATED: XXX SQ. FT.
PERIMETER: XXX FT.
FRONTAGE: XXX FT.
FRONTAGE FACTOR: [(F /P)-0.25] = XXX
ALLOWABLE MODIFIED AREA:
XXX + (XXX x XXX) = XXX SQ. FT.
ALLOWABLE AREA RATIO: XXX

FIRE AREA #2:
OCCUPANCY XXX SQ. FT.
TABULATED: XXX SQ. FT.
PERIMETER: XXX FT.
FRONTAGE: XXX FT.
FRONTAGE FACTOR: [(F /P)-0.25] = XXX
ALLOWABLE MODIFIED AREA:
XXX + (XXX x XXX) = XXX SQ. FT.
ALLOWABLE AREA RATIO: XXX

SUM OF ALLOWABLE AREA RATIOS: XXX
ALLOWABLE HEIGHT:
ALLOWABLE STORY(S):

TOTAL BUILDING AREA XXX SQ. FT.

OCCUPANT LOAD TABULATED
FIRST FLOOR (EXISTING)
OCCUPANCY XXX SQ. FT. XXX GROSS XXX OCC
SECOND FLOOR (EXISTING)
OCCUPANCY XXX SQ. FT. XXX GROSS XXX OCC
FIRST FLOOR ADDITION
OCCUPANCY XXX SQ. FT. XXX GROSS XXX OCC
SECOND FLOOR ADDITION
OCCUPANCY XXX SQ. FT. XXX GROSS XXX OCC

TOTAL OCCUPANT LOAD XXX OCC

OCCUPANT LOAD (ACTUAL)
VERIFY W/ OWNER

PLUMBING FIXTURE REQUIRED
OCCUPANCY
XX / X = XX MEN AND XX WOMEN
XX / XX = XX WATER CLOSETS FOR MEN
XX / XX = XX WATER CLOSETS FOR WOMEN
XX / XX = XX LAVATORIES FOR MEN
XX / XX = XX LAVATORIES FOR WOMEN
XX / XX = XX DRINKING FOUNTAINS

TOTAL PLUMBING FIXTURES REQUIRED
XX (X) WATER CLOSETS FOR MEN
XX (X) WATER CLOSETS FOR WOMEN
XX (X) LAVATORIES FOR MEN
XX (X) LAVATORIES FOR WOMEN
XX (X) DRINKING FOUNTAINS

PLUMBING FIXTURE PROVIDED
(X) WATER CLOSETS FOR WOMEN
(X) LAVATORIES FOR WOMEN
(X) WATER CLOSETS AND (2) URINAL FOR MEN
(X) LAVATORIES FOR MEN
(X) HI/LOW DRINKING FOUNTAIN
(X) SERVICE SINK

SYMBOLS LEGEND

DETAIL NUMBER

AREA INCLUDED IN DETAIL

SHEET NUMBER ON WHICH DETAIL IS LOCATED

CALLOUT/DETAIL REFERENCE

ITEM OR OBJECT BEING DEFINED

FLOOR LINE 100'-0"

ELEVATION

ELEVATION MARKER

DETAIL NUMBER

1/A1.0 VIEW NAME 1/8" = 1'-0"

SHEET ON WHICH DETAIL IS LOCATED

DRAWING/DETAIL IDENTIFICATION

GRAPHICALLY OUTLINES CHANGES

CLASSIFIES WHICH CHANGES BELONG TO (ISSUE DATES ARE LISTED ON SHEET BOARDERS & SHEET INDEX)

REVISION CLOUD

ELEVATION NUMBER

DIRECTION OF VIEW

SHEET NUMBER OF ELEVATION

INTERIOR ELEVATION REFERENCE

DIRECTION OF CUT

DETAIL NUMBER

SHEET NUMBER ON WHICH DETAIL IS LOCATED

SECTION/DETAIL REFERENCE

PROPOSED PROJECT FOR:

GRIFFIN ARMAMENT

WATERTOWN, WISCONSIN; COUNTY OF: JEFFERSON

SCALE VERIFICATION
THIS BAR MEASURES 1" ON ORIGINAL
ADJUST SCALE ACCORDINGLY

NOTICE OF COPYRIGHT
THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C., AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN UNDER SUCH PROTECTION. UNAUTHORIZED USE OF THESE PLANS, WORK OR BUILDING REPRESENTED, CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO BAYLAND BUILDINGS, INC.

JOB NUMBER: 22-5181

PROJECT EXECUTIVE: MATT RITTER

DRAWN BY: CMP / LJP

DATE: 01-09-23

Revision Schedule

Rev. No. Revision Description Rev. Date

ISSUED FOR: PRELIMINARY
BID SET
DESIGN REVIEW MR/SM/LJP 12/19/22
☒ CHECKSET
CONSTRUCTION

TITLE SHEET

T1.0

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COMcheck Software Version 4.1.5.1
Envelope Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: Watertown, Wisconsin
Location: 6A
Climate Zone: Addition
Project: 7%
Vertical Glazing / Wall Area:

Construction Site: Owner/Agent: Designer/Contractor:

Building Area

Floor Area
1-Main Addition (Manufacturing Facility) - Nonresidential 29661
2-Firing Range (Manufacturing Facility) - Nonresidential 3232

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor ₉₀
Roof 1: Other Metal Building Roof (Bldg. Use 1 - Main Addition) (b)	28661	---	---	0.030	0.031
Roof 2: Insulation Entirely Above Deck (Bldg. Use 2 - Firing Range)	3232	---	34.8	0.028	0.032
Floor 1: Slab-On-Grade (Unheated, Horizontal with vertical 2 ft.) (Bldg. Use 1 - Main Addition) (c)	1024	---	1.8	0.720	0.540
NORTH					
Exterior Wall 1: Other Metal Building Wall (Bldg. Use 1 - Main Addition) (b)	1154	---	---	0.048	0.052
Window 4: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID direct set, SHGC 0.23 (Bldg. Use 1 - Main Addition) (c)	122	---	---	0.290	0.360
Window 4: Metal Frame with Thermal Break/Fixed, Perf. Specs.: None (Bldg. Use 2 - Firing Range)	454	---	15.0	0.057	0.080
Exterior Wall 9: Steel Framed, 16" o.c. (Bldg. Use 1 - Main Addition)	871	19.0	0.0	0.108	0.064
Window 5: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID direct set, SHGC 0.23 (Bldg. Use 1 - Main Addition) (c)	198	---	---	0.290	0.360
Door 4: Glass (≥ 50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID direct set, SHGC 0.23 (Bldg. Use 1 - Main Addition) (c)	42	---	---	0.400	0.770
Exterior Wall: Other Metal Building Wall (Bldg. Use 1 - Main Addition) (b)	1365	---	---	0.048	0.052
Exterior Wall: Other Metal Building Wall (Bldg. Use 1 - Main Addition) (b)	2300	---	---	0.048	0.052
EAST					
Exterior Wall 2: Other Metal Building Wall (Bldg. Use 1 - Main Addition) (b)	5367	---	---	0.048	0.052
Window 1: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID direct set, SHGC 0.23 (Bldg. Use 1 - Main Addition) (c)	284	---	---	0.290	0.360
Door 1: Insulated Metal, Swinging (Bldg. Use 1 - Main Addition)	42	---	---	0.290	0.370
Door 2: Insulated Metal, Non-Swinging (Bldg. Use 1 - Main Addition)	100	---	---	0.170	0.179

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Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor ₉₀
Exterior Wall 10: Steel Framed, 16" o.c. (Bldg. Use 1 - Main Addition)	38	19.0	0.0	0.109	0.064
SOUTH					
Exterior Wall 3: Other Metal Building Wall (Bldg. Use 1 - Main Addition) (b)	3871	---	---	0.048	0.052
Window 2: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID direct set, SHGC 0.23 (Bldg. Use 1 - Main Addition) (c)	162	---	---	0.290	0.360
Door 3: Insulated Metal, Swinging (Bldg. Use 1 - Main Addition)	21	---	---	0.290	0.370
WEST					
Exterior Wall 4: Other Metal Building Wall (Bldg. Use 1 - Main Addition) (b)	3657	---	---	0.048	0.052
Window 3: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID direct set, SHGC 0.23 (Bldg. Use 1 - Main Addition) (c)	454	---	---	0.290	0.360
Door 5 copy 1: Glass (≥ 50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID direct set, SHGC 0.23 (Bldg. Use 1 - Main Addition) (c)	21	---	---	0.400	0.770
Exterior Wall 6: Solid Concrete 10" Thickness, Medium Density, Furring: None (Bldg. Use 2 - Firing Range)	2470	---	15.0	0.057	0.080
Door 3 copy 1: Insulated Metal, Swinging (Bldg. Use 2 - Firing Range)	21	---	---	0.290	0.370
Exterior Wall 11: Steel Framed, 16" o.c. (Bldg. Use 1 - Main Addition)	2340	19.0	0.0	0.109	0.064
Window 6: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID direct set, SHGC 0.23 (Bldg. Use 1 - Main Addition) (c)	344	---	---	0.290	0.360
Door 5: Glass (≥ 50% glazing) Metal Frame, Entrance Door, Perf. Specs.: Product ID direct set, SHGC 0.23 (Bldg. Use 1 - Main Addition) (c)	42	---	---	0.400	0.770

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Other components require supporting documentation for proposed U-factors.
(c) Fenestration product performance must be verified in accordance with NFRC and requires supporting documentation.
(d) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope Passes: Design 0.3% better than code

Envelope Compliance Statement

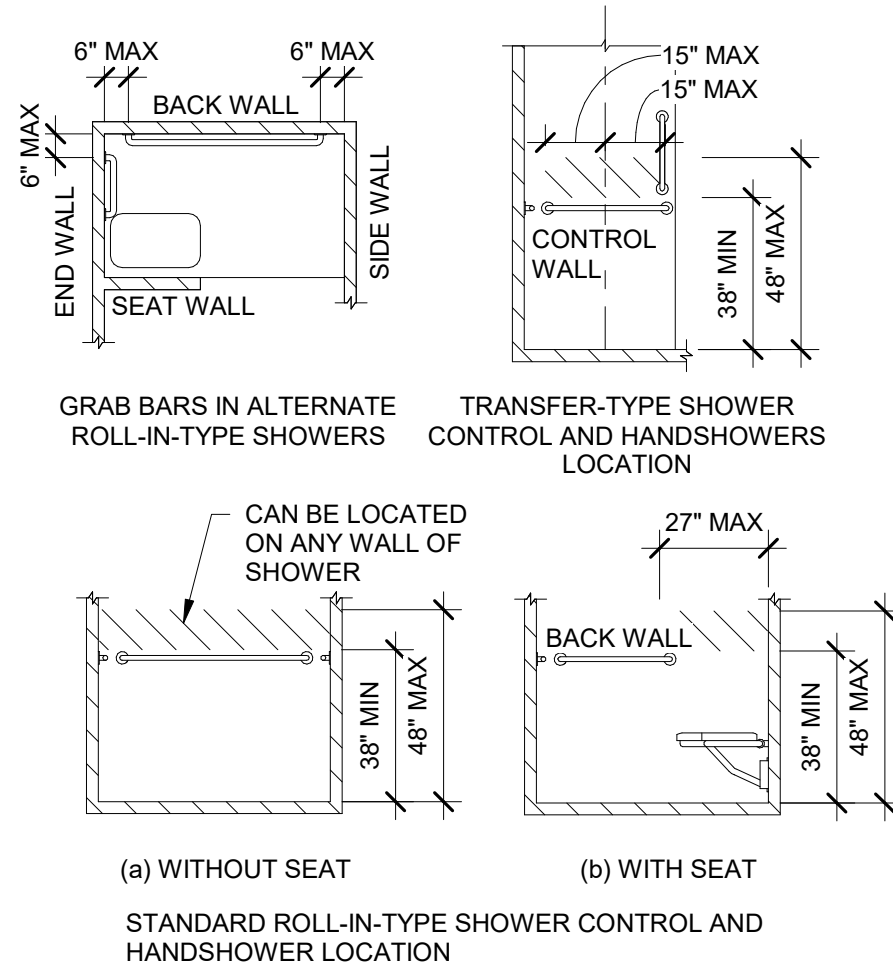
Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.1, and to comply with any applicable mandatory requirements listed in the inspection Checklist.

Name - Title Signature Date

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Data filename: Report date: 12/05/22
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- ALL NEW CONTROLS FOR USE BY OCCUPANTS SHALL BE MOUNTED BETWEEN 45" A.F.F. MAX. TO TOP EDGE OF OPERATING COMPONENT AND PROVIDE A CLEAR FLOOR SPACE OF 30"x48" AT CONTROLS, OUTLETS, FIXTURES, ETC. CONTROLS LOCATED OVER AN OBSTRUCTION DEEPER THAN 10" MUST BE MOUNTED NO HIGHER THAN 46" A.F.F. ACCESSIBLE CONTROLS MUST NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. ALL CONTROLS SHALL COMPLY WITH THE CURRENT ADA STANDARDS IN TYPE AND INSTALLATION.
- TAKE MEASURES TO ENSURE THAT EXPOSED EDGES OF CARPET (INCLUDING FLOOR MATS) ARE SECURELY ATTACHED, FASTENED OR WEIGHTED DOWN TO THE FLOOR WITH TRIM ALONG ENTIRE LENGTH OF ALL EDGES.
- ALL NEW DOORS ALONG THE PATH OF TRAVEL SHALL NOT REQUIRE MORE THAN 5 POUND OF FORCE TO PUSH/PULL OPEN DOORS PER CURRENT ADA STANDARDS
- CONTRACTOR TO CONTRACT WITH PROPERTY'S LIFE SAFETY VENDOR TO FURNISH, INSTALL, AND/OR RELOCATE VISUAL ALARM DEVICES, IF REQUIRED. DEVICES SHALL BE MOUNTED TO 80" A.F.F. TO CENTER OF BOTTOM OR 6" BELOW FINISHED CEILING, WHICHEVER IS LOWER, UNLESS INDICATED OTHERWISE. DEVICES SHALL COMPLY WITH CURRENT ADA STANDARDS, NFPA 72 AND LOCAL/STATE CODES.
- ALL FINISHES, INCLUDING FLOOR FINISHES, SHALL COMPLY WITH CURRENT ADA STANDARDS IN TYPE AND INSTALLATION
- FURNITURE CONFIGURATIONS AT PUBLIC SPACES SHALL FOLLOW THE CLEAR FLOOR SPACE AND CIRCULATION SPACE REQUIREMENTS PER 2010 ADA STANDARDS. SEE ADDITIONAL NOTES THIS SHEET FOR ADDITIONAL INFORMATION AND CLARIFICATIONS
- ALL PUBLIC RESTROOM FIXTURES, ACCESSORIES, ETC. SHALL BE ADA COMPLIANT IN TYPE AND INSTALLATION PER CURRENT ADA STANDARDS. SEE NOTES, ELEVATIONS/DETAILS, AND FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION AND SPECS.
- NOTE THAT ALL ADA INSTALLATION RANGES (i.e. WATER CLOSET DIMENSIONS) AS INDICATED ON THESE DRAWINGS ARE PER CURRENT ADA STANDARDS. LOCAL AND STATE CODES MAY CONFLICT. G.C. SHALL VERIFY DURING PERMIT PROCESS AND/OR PRE-CONSTRUCTION DISCUSSION WITH LOCAL AUTHORITIES.
- GC SHALL COORDINATE WITH PROPERTY SIGNAGE VENDOR TO PROVIDE NEW ADA COMPLIANT SIGNAGE AT ACCESSIBLE DOORS.
- NEW ROOM I.D. AND/OR DIRECTIONAL SIGNAGE SHALL BE TACTILE TYPE MOUNTED AT 48" A.F.F. TO THE BASELINE OF THE LOWEST TACTILE CHARACTERS AND 60" A.F.F. TO THE BASELINE OF THE HIGHEST TACTILE CHARACTER. SIGNAGE TO BE LOCATED AT THE LATCH SIDE OF DOOR, IF THERE IS NO WALL SPACE AT THE LATCH SIDE OF DOOR THEN SIGNAGE SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNAGE AT DOUBLE DOORS WITH INACTIVE LEAF SHALL BE LOCATED ON THE INACTIVE LEAF. DOUBLE DOORS WITH TWO ACTIVE LEAFS, LOCATE SIGNAGE TO THE RIGHT OF THE RIGHT HAND DOOR PER CURRENT ADA STANDARDS.
- BRAILLE ON SIGNAGE SHALL BE CONTRACTED (GRADE 2) BRAILLE DOTS SHALL HAVE DOME OR ROUNDED SHAPE. THERE SHOULD BE A MIN. OF 3/8" BETWEEN BRAILLE AND ANY OTHER RAISED CHARACTER, BORDER OR ELEMENT PER CURRENT ADA STANDARDS.
- ALL OBJECTS MOUNTED BETWEEN 27" A.F.F. AND 80" A.F.F. SHALL NOT PROTRUDE MORE THAN 4" FROM THE FACE OF THE WALL PER CURRENT ADA STANDARDS.

7 /A0.1 ADA GENERAL CONSTRUCTION NOTES N.T.S.



8 /A0.1 BATHTUB / SHOWER GRAB BAR & SEAT REQ. N.T.S.

- ICC/ANSI A117.1 Sec. 608.2.1 SHOWER COMPARTMENTS. TRANSFER TYPE SHOWER COMPARTMENTS SHALL BE 36 INCHES WIDE BY 36 INCHES DEEP INSIDE FINISHED DIMENSIONS AND SHALL HAVE A MINIMUM 36 INCH WIDE ENTRY ON THE FACE OF THE COMPARTMENT. THE CLEARANCE IN FRONT OF THE COMPARTMENT SHALL BE 48 INCHES LONG MINIMUM MEASURED FROM THE CONTROL WALL AND 36 INCHES WIDE.
- ICC/ANSI A117.1 Sec. 608.3.1 IN TRANSFER-TYPE SHOWERS, GRAB BARS, SHALL BE PROVIDED ACROSS THE CONTROL WALL AND ON THE BACK WALL TO A POINT 18 INCHES FROM THE CONTROL WALL.
- ICC/ANSI A117.1 Sec. 608.8 SHOWER ENCLOSURES SHALL NOT OBSTRUCT THE CONTROLS OR THE TRANSFER FROM A WHEELCHAIR ONTO THE SEAT. ALSO SEE SECTION 608.2.1 THROUGH 608.2.3 FOR OPENING SIZE
- ICC/ANSI A117.1 Sec. 609 GRAB BARS SHALL HAVE A DIAMETER BETWEEN 1 1/4 INCHES AND 2 INCHES TO PROVIDE GRASP ABILITY. GRAB BARS SHALL BE 1 1/2 INCHES FROM THE WALL SURFACE AND LOCATED HORIZONTALLY AT 33 INCHES TO 36 INCHES ABOVE THE FINISH FLOOR.

9 /A0.1 SHOWER COMPARTMENTS REQ. N.T.S.

IBC 1210.2 FLOORS AND WALL BASES. IN OTHER THAN DWELLING UNITS, TOILET, BATHING AND SHOWER ROOM FLOOR FINISH MATERIALS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE. THE INTERSECTIONS OF SUCH FLOORS WITH WALLS SHALL HAVE HARD NONABSORBENT VERTICAL BASE THAT EXTENDS UPWARD ONTO THE WALL NOT LESS THAN 4 INCHES.

1210.2.2 WALLS AND PARTITIONS. WALLS AND PARTITIONS WITHIN 2 FEET OF SERVICE SINKS, URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE. TO A HEIGHT OF NOT LESS THAN 4 FEET ABOVE THE FLOOR, AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALL SHALL BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY MOISTURE. ACCESSORIES SUCH AS GRAB BARS, TOWEL BARS, PAPER DISPENSERS AND SOAP DISHES, PROVIDED ON OR WITHIN WALLS, SHALL BE INSTALLED AND SEALED TO PROTECT STRUCTURAL ELEMENTS FROM MOISTURE.

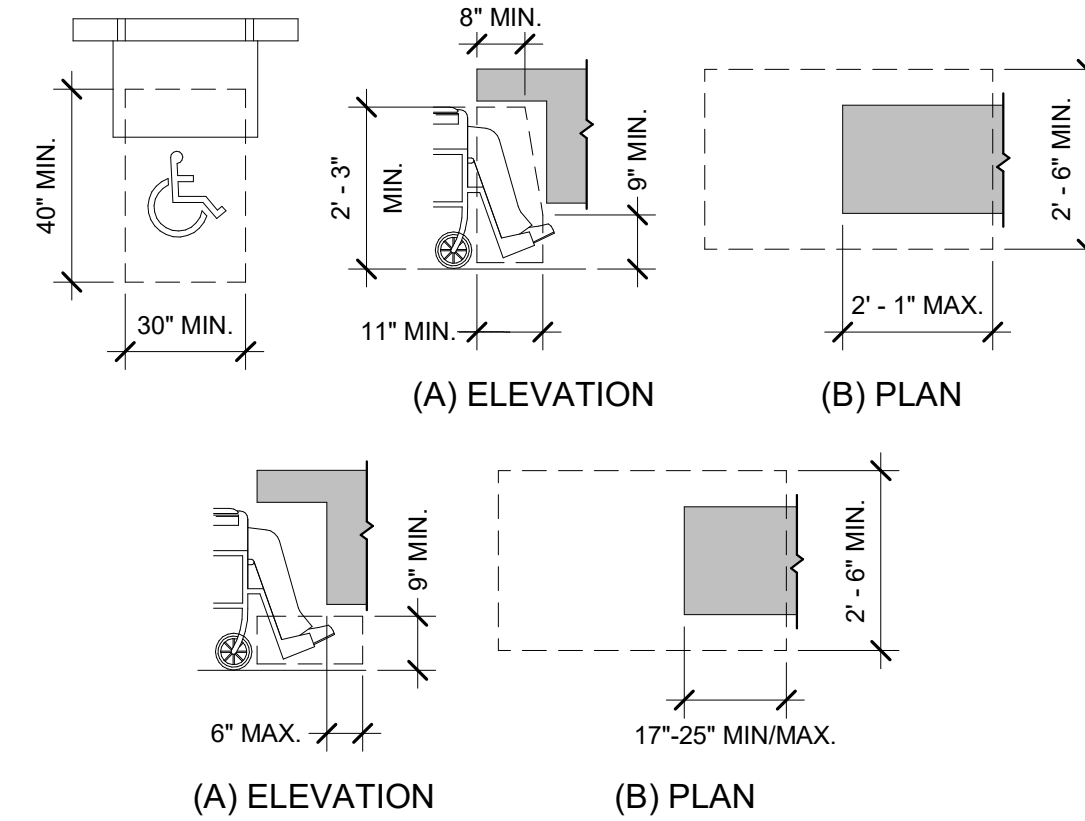
ICC A117.1 606.6 WATER SUPPLY AND DRAINPIES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIRMED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.

10 /A0.1 BATHROOM REQUIREMENTS N.T.S.

IBC 1013.1 EXIT SIGNS

EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. THE PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL IN CASES WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. INTERVENING MEANS OF EGRESS DOORS WITHIN EXITS SHALL BE MARKED BY EXIT SIGNS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS MORE THAN 100 FEET OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN. THE SYMBOL TO DENOTE AN EXIT SIGN LOCATION IS THAT OF A CIRCLE CONTAINING AN "X".

4 /A0.1 EXIT SIGNS N.T.S.



SALES & SERVICE COUNTER (ICC ANSI A117.1)

904.3.1 PARALLEL APPROACH. A PORTION OF THE COUNTER SURFACE 36 INCHES MINIMUM IN LENGTH AND 36 INCHES MAXIMUM IN HEIGHT ABOVE THE FLOOR SHALL BE PROVIDED. WHERE THE COUNTER SURFACE IS LESS THAN 36 INCHES IN LENGTH, THE ENTIRE COUNTER SURFACE SHALL BE 36 INCHES MAXIMUM IN HEIGHT ABOVE THE FLOOR. A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305, POSITIONED FOR A PARALLEL APPROACH ADJACENT TO THE ACCESSIBLE COUNTER, SHALL BE PROVIDED.

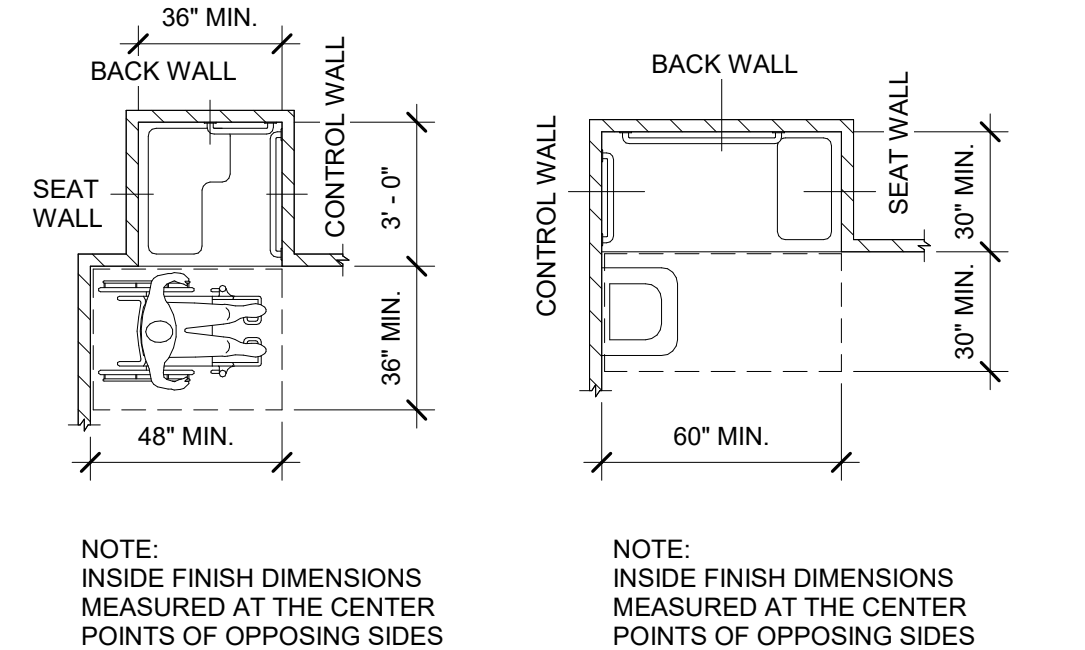
904.3.2 FORWARD APPROACH. A PORTION OF THE COUNTER SURFACE 30 INCHES MINIMUM IN LENGTH AND 36 INCHES MAXIMUM IN HEIGHT ABOVE THE FLOOR SHALL BE PROVIDED. A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305, POSITIONED FOR A FORWARD APPROACH TO THE ACCESSIBLE COUNTER, SHALL BE PROVIDED. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 SHALL BE PROVIDED UNDER THE ACCESSIBLE COUNTER.

DINING SURFACES AND WORK SURFACES (ICC ANSI A117.1)

902.2 CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305, POSITIONED FOR A FORWARD APPROACH, SHALL BE PROVIDED. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 SHALL BE PROVIDED.

902.4 HEIGHT. THE TOPS OF DINING SURFACES AND WORK SURFACES SHALL BE 28 INCHES MINIMUM AND 34 INCHES MAXIMUM IN HEIGHT ABOVE THE FLOOR.

5 /A0.1 SERVICE, DINING, & WORKSURFACE COUNTERS N.T.S.

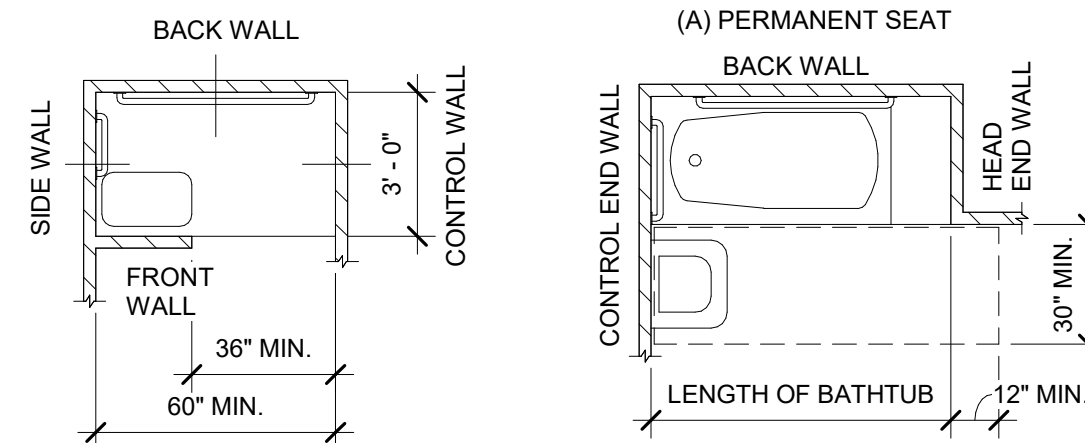


NOTE: INSIDE FINISH DIMENSIONS MEASURED AT THE CENTER POINTS OF OPPOSING SIDES

NOTE: INSIDE FINISH DIMENSIONS MEASURED AT THE CENTER POINTS OF OPPOSING SIDES

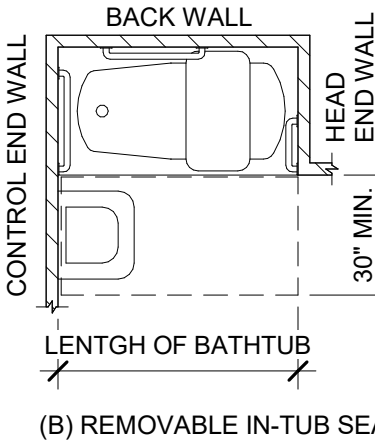
TRANSFER-TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE

STANDARD ROLL-IN-TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE



NOTE: INSIDE FINISH DIMENSIONS MEASURED AT THE CENTER POINTS OF OPPOSING SIDES

ALTERNATE ROLL-IN-TYPE SHOWER COMPARTMENT SIZE AND CLEARANCE



- ANY DEVIATION FROM PLANS SHALL HAVE BEEN CONSULTED WITH AND DOCUMENTED BY THE SUPERVISING PROFESSIONAL OF RECORD.
- THIS IS A DESIGN-BUILD PROJECT. ALL MATERIALS, WORKMANSHIP AND DETAILS SHALL CONFORM TO INDUSTRY STANDARDS. THE SUBCONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SPECIFICATIONS REFERENCED HEREIN AND SHALL CLARIFY ANY DISCREPANCIES WITH BAYLAND BUILDINGS, INC. PRIOR TO BEGINNING WORK.
- NON-CONTRACT ITEMS MAY APPEAR ON THESE PLANS THAT ARE DONE BY OTHERS AND ARE NOT PART OF THE BAYLAND BUILDINGS, INC. CONTRACT.
- PLUMBING, ELECTRICAL, & MECHANICAL CONTRACTORS THIS IS A DESIGN BUILD PROJECT. EACH SUBCONTRACTOR SHALL PROVIDE PLANS TO THE PROJECT MANAGER AND THE SUPERVISING PROFESSIONAL FOR REVIEW PRIOR TO THE PLANS BEING SUBMITTED TO THE AUTHORITY HAVING JURISDICTION (AHJ). EACH SUBCONTRACTOR SHALL MAINTAIN A SET OF DRAWINGS AT THE JOB SITE TO RECORD ANY CHANGES TO THE DESIGN. THIS DRAWING OF RECORD AND THE AHJ APPROVED PLANS SHALL BE TURNED OVER TO THE PROJECT MANAGER AT THE END OF THE PROJECT.
- ALL MATERIALS, WORKMANSHIP AND DETAILS SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE COMMERCIAL BUILDING CODE.
- SUBCONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS TO VERIFY THE LOCATION AND DIMENSIONS OF CHASES, INSERTS, OPENINGS, SLEEVES, REGLETTS, DEPRESSIONS AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS AND NOTIFY THE SUPERVISING PROFESSIONAL OF RECORD OF ANY DISCREPANCIES.
- THE TYPICAL DETAILS SHOWN ON THE DRAWINGS SHALL BE APPLICABLE TO ALL PARTS OF THE CONTRACT DRAWINGS UNLESS SPECIFICALLY NOTED OTHERWISE.

1 /A0.1 GENERAL REQUIREMENTS N.T.S.

A.B.(s)	anchor bolt (s)	HDR	header
A/C	air conditioning	HORZ	horizontal
A/C.T	acoustical tile	HSS	hollow structural section
AFF	above finished floor	HT	height
ALT	alternate	HVAC	heating, ventilating & a/c
ALUM	aluminum	ID	inside diameter
ARCH	architectural	INSUL	insulation
ASPH	asphalt	INT	interior
B.BD	base board	JST(S)	joist(s)
BBP	block between purlins	K.O.	knockout
B-FD	bi-folding	L	angle
BD(S)	board(s)	LAM	laminated(d)
BIT	bituminous	LAV	lavatory
BLDG	building	L.L.H.	long leg horiz.
BLK(G)	block(ing)	L.L.V.	long leg vertical
BM	bench mark or beam	LTG	lighting
BR	brace	MECH	mechanical
BRG	bearing	MH	manhole
BRK	brick	MISC	miscellaneous
B.S.	both sides	M.O.	masonry opening
BSMT	basement	N.I.C.	not in contract
CL	centerline	N.T.S.	not to scale
C	channel	O.A.	overall
CB	catch basin	O.C.	on center
C.H.	ceiling height	O.D.	outside diameter
C.J.	control joint	O.H.	overhead
CLR	clear	CONN	connection(s)
CMU	concrete masonry unit	CONSTR	construction
COL	column	CONT	continue(ious)
CONC	concrete	CPT	carpet
CONC	concrete	C.T.	ceramic tile
CONST	construction	QVR	cont. vented ridge
CONT	continue(ious)	CYD	cubic yard
CPT	carpet	d	penny
C.T.	ceramic tile	DBL	double
QVR	cont. vented ridge	D.F.	drinking fountain
CYD	cubic yard	DIA	diameter
d	penny	DIAG	diagonal
DBL	double	DIM	dimension
D.F.	drinking fountain	DN	down
DIA	diameter	DR	door
DIAG	diagonal	DS	downspout
DIM	dimension	E.E.	each end
DN	down	EIFS	ext. insul. & finish system
DR	door	ELEC	electric(al)
DS	downspout	ELEV	elevation
E.E.	each end	EQ	equal
EIFS	ext. insul. & finish system	EQPT	equipment
ELEC	electric(al)	EQV	equivalent
ELEV	elevation	E.W.	each way
EQ	equal	EXP	existing
EQPT	equipment	EXT	exposed exterior
EQV	equivalent	F.A.	fire alarm
E.W.	each way	F.D.	floor drain
EXP	existing	FE	fire extinguisher
EXT	exposed exterior	FEC	fire exting. w/ cabinet
F.A.	fire alarm	FFE	finished floor elevation
F.D.	floor drain	FLR(G)	floor(ing)
FE	fire extinguisher	FRDN	foundation
FEC	fire exting. w/ cabinet	F.O.C.	face of concrete
FFE	finished floor elevation	F.O.M.	face of masonry
FLR(G)	floor(ing)	F.O.S.	face of studs
FRDN	foundation	FT	foot
F.O.C.	face of concrete	FTG	footing
F.O.M.	face of masonry	GA	gauge
F.O.S.	face of studs	GYP	gypsum
FT	foot	HC	handicapped
FTG	footing	J.N.O.	unless noted otherwise
GA	gauge	UTIL	utility
GYP	gypsum	V.B.	vapor barrier
HC	handicapped	V.C.T.	vinyl composition tile
J.N.O.	unless noted otherwise	W.I.C.	walk in closet
UTIL	utility	WH	water heater
V.B.	vapor barrier	WWF	welded wire fabric
V.C.T.	vinyl composition tile		
W.I.C.	walk in closet		
WH	water heater		
WWF	welded wire fabric		

2 /A0.1 ABBREVIATIONS N.T.S.

MEANS OF EGRESS ILLUMINATION (IBC 1008)

ILLUMINATION LEVEL UNDER NORMAL POWER. THE MEANS OF EGRESS ILLUMINATION LEVEL WHICH SHALL NOT BE LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE DURING ALL PERIODS OF OCCUPANCY, UNLESS MEETING THE EXCEPTION FOR AISLES IN ASSEMBLY USES AND SELECT SLEEPING AND DWELLING UNITS. IN THE EVENT OF POWER SUPPLY FAILURE IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE AISLES, CORRIDORS, AND EXIT ACCESS STAIRWAYS AND RAMPS

FIRE EXTINGUISHERS (IBC 906)

PORTABLE FIRE EXTINGUISHERS SHALL BE SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH IBC 906 AND NFPA 10. FOR OCCUPANCIES OF ORDINARY HAZARD THE MAX. TRAVEL DISTANCE TO A FIRE EXTINGUISHER IS 75'.

3 /A0.1 EGRESS LIGHTING & FIRE EXTINGUISHERS N.T.S.

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JOB NUMBER: 22-5181

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DRAWN BY: CMP / LJP

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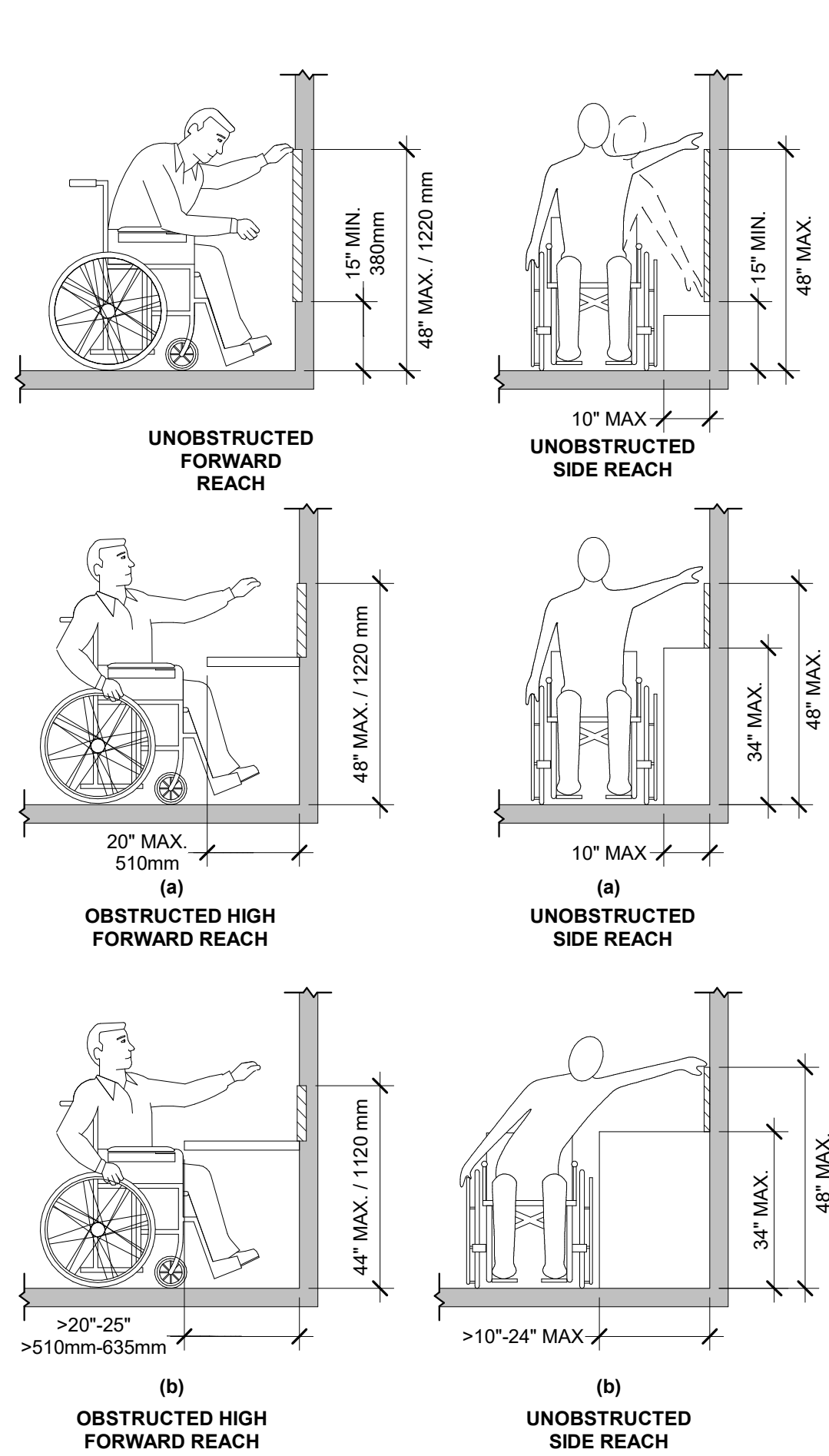
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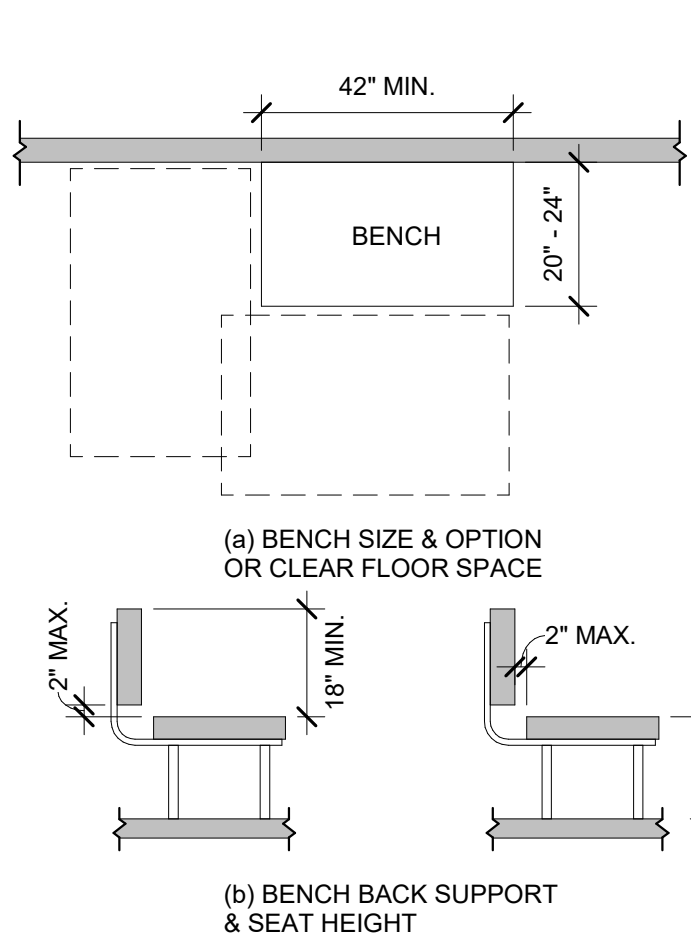
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- ☐ CONSTRUCTION

PLAN NOTES

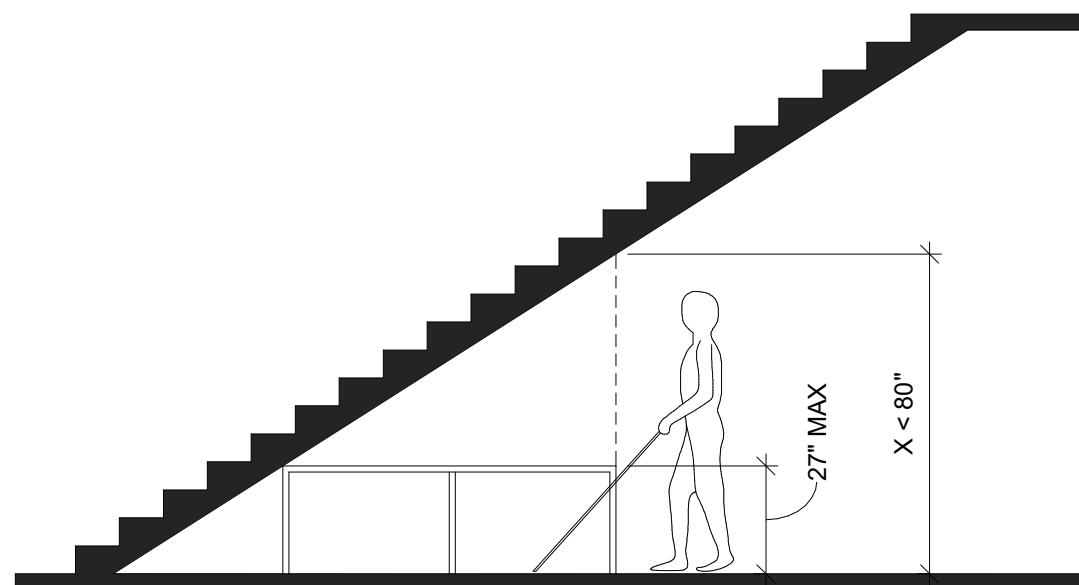
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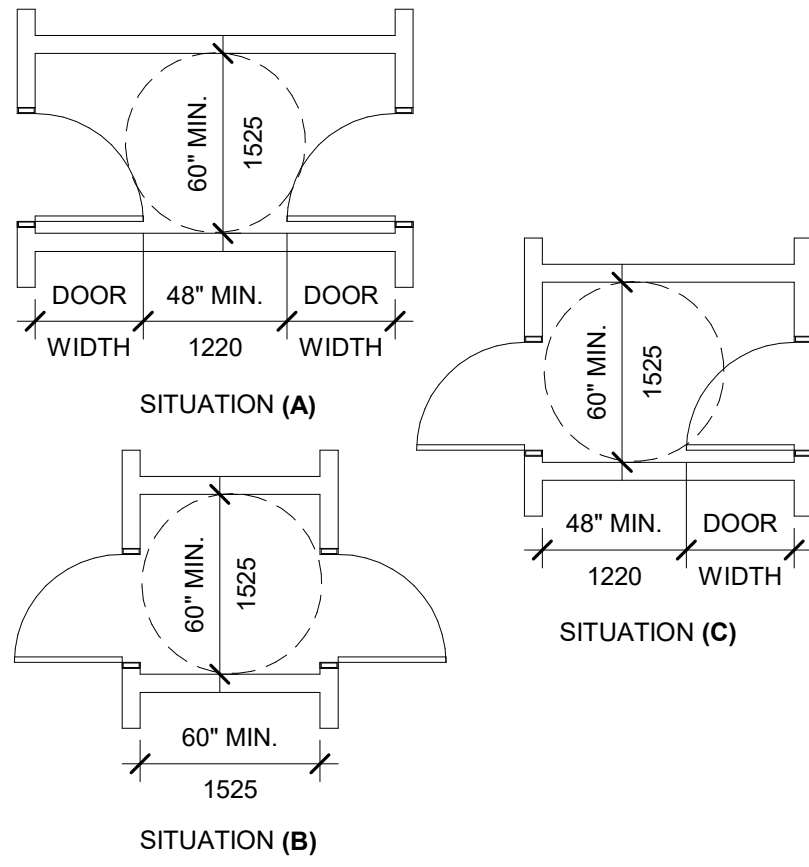
4 /A0.2 UNOBSTRUCTED REACH DETAILS N.T.S.



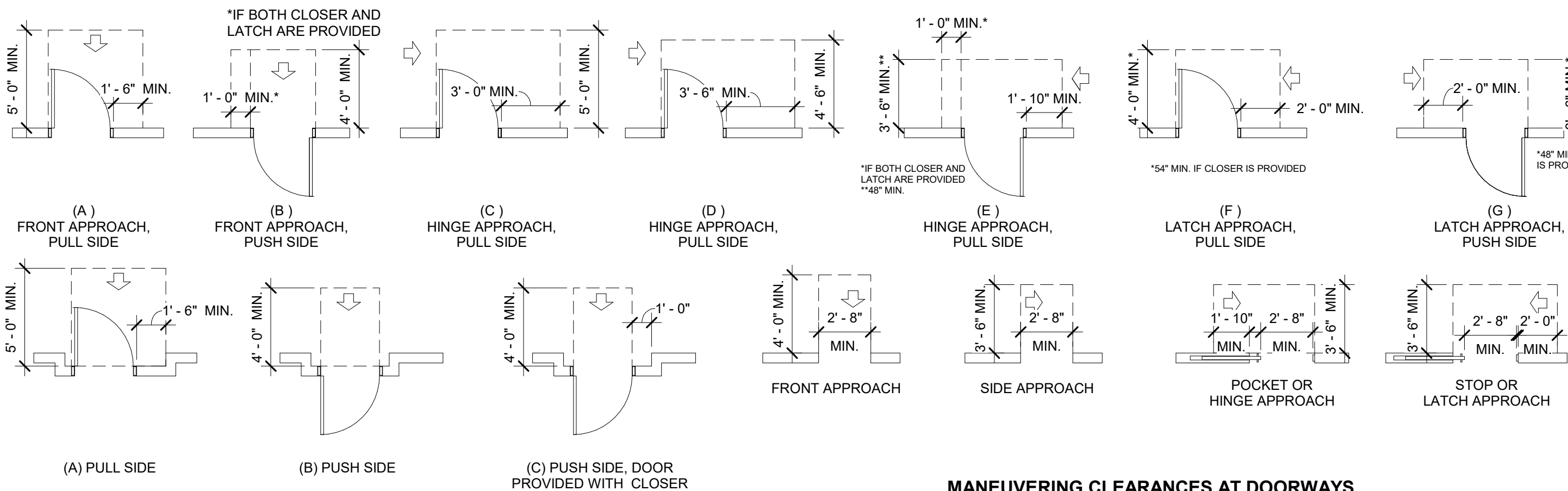
5 /A0.2 BENCHES AND LOCKER ROOM STORAGE N.T.S.



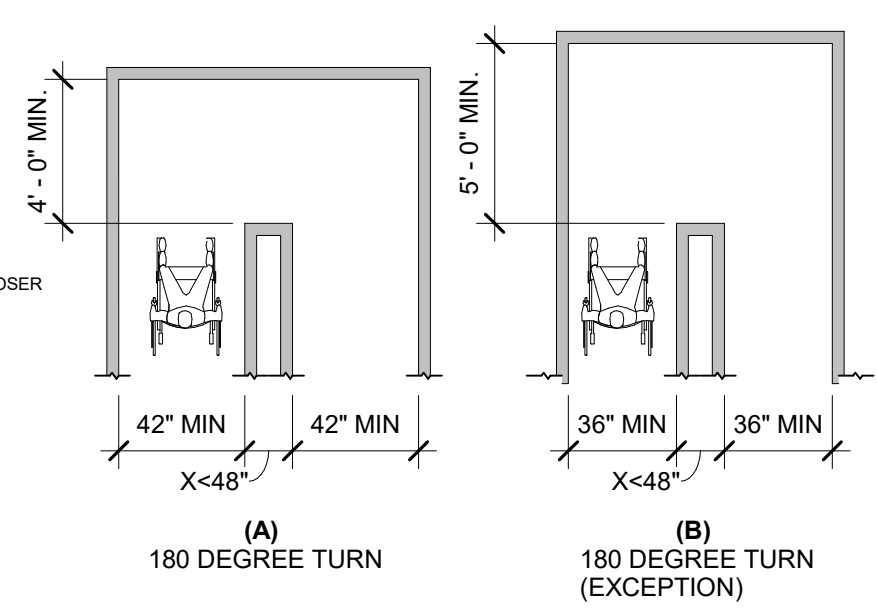
6 /A0.2 REDUCED VERTICAL CLEARANCE N.T.S.



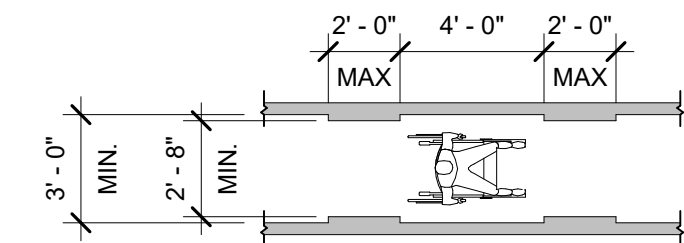
1 /A0.2 MANEUVERING CLEARANCES AT DOORS N.T.S.



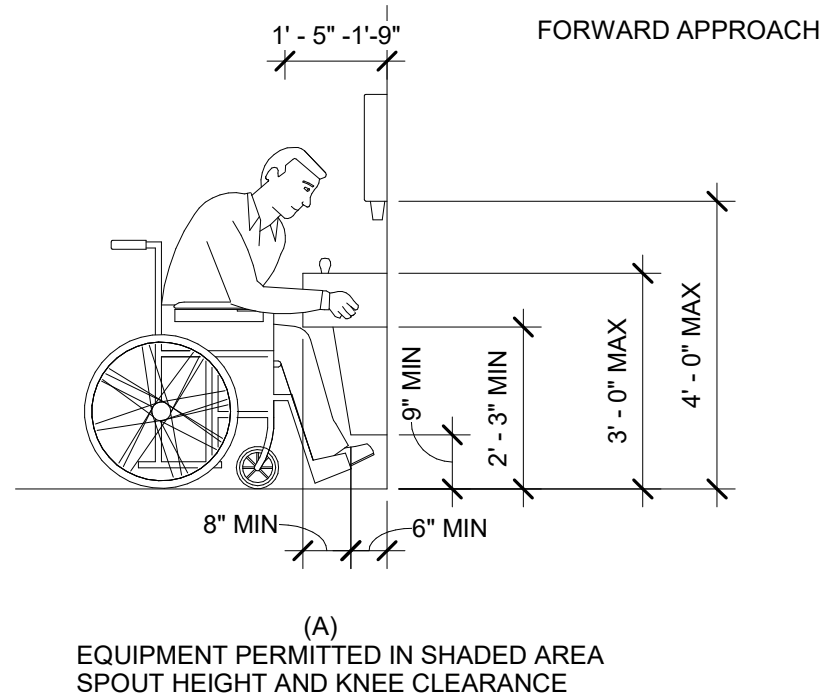
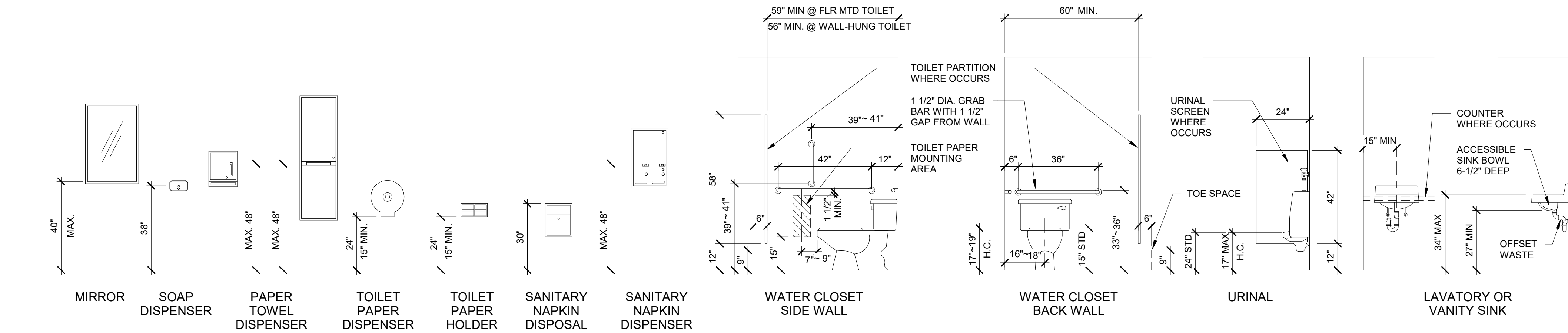
MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS, SLIDING DOORS, GATES, AND FOLDING DOORS



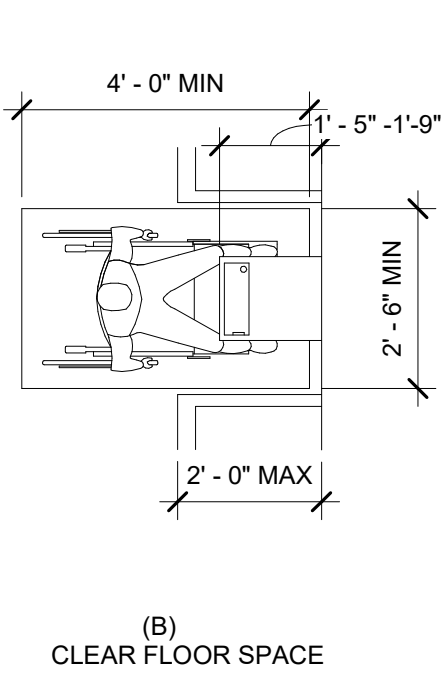
CLEAR WIDTH AT TURNS



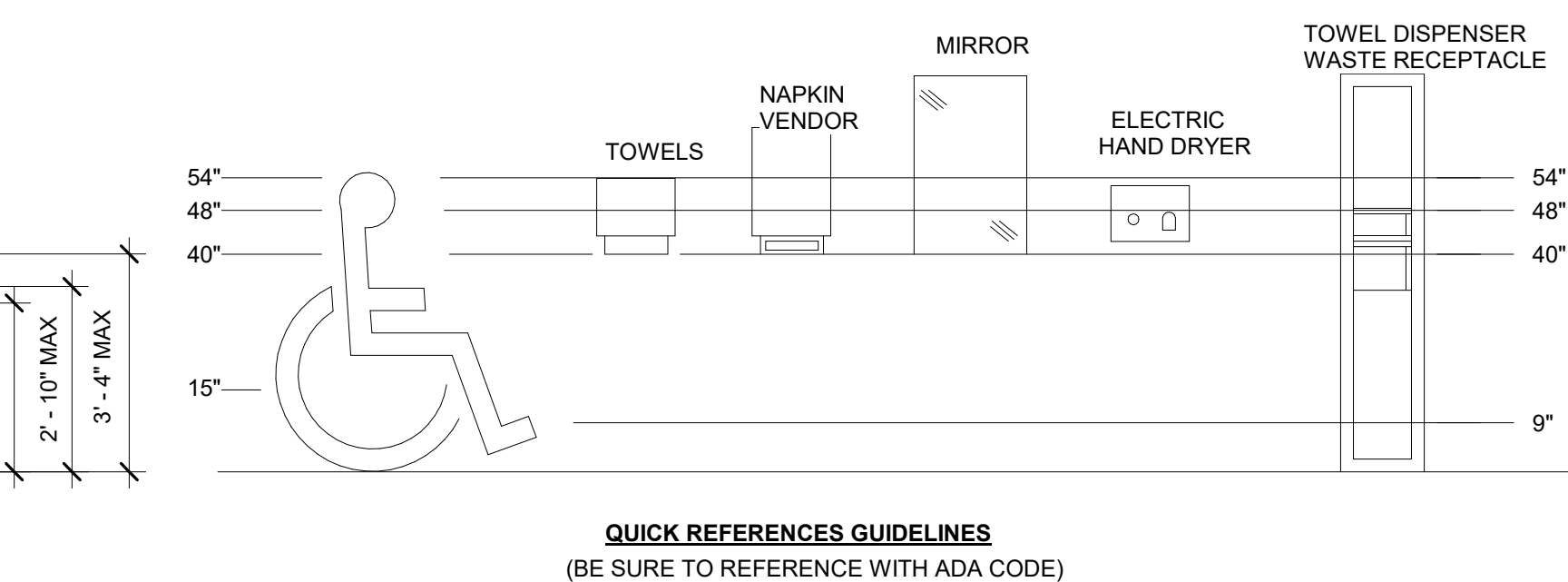
CLEAR WIDTH AT ACCESSIBLE ROUTE



DRINKING FOUNTAINS AND WATER CLOSETS

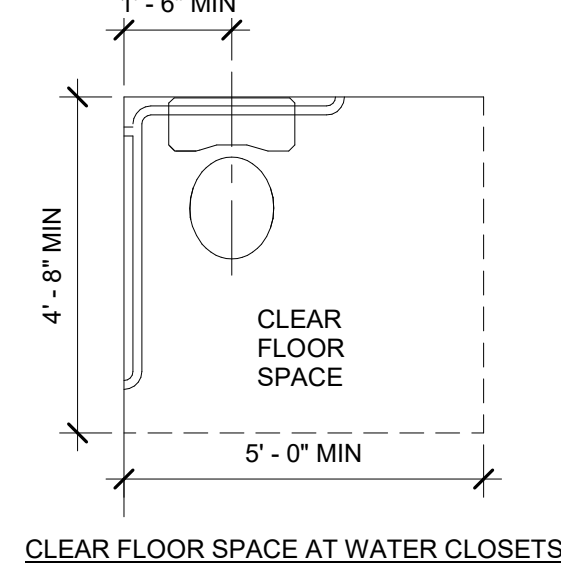


LAVATORY CLEARANCES



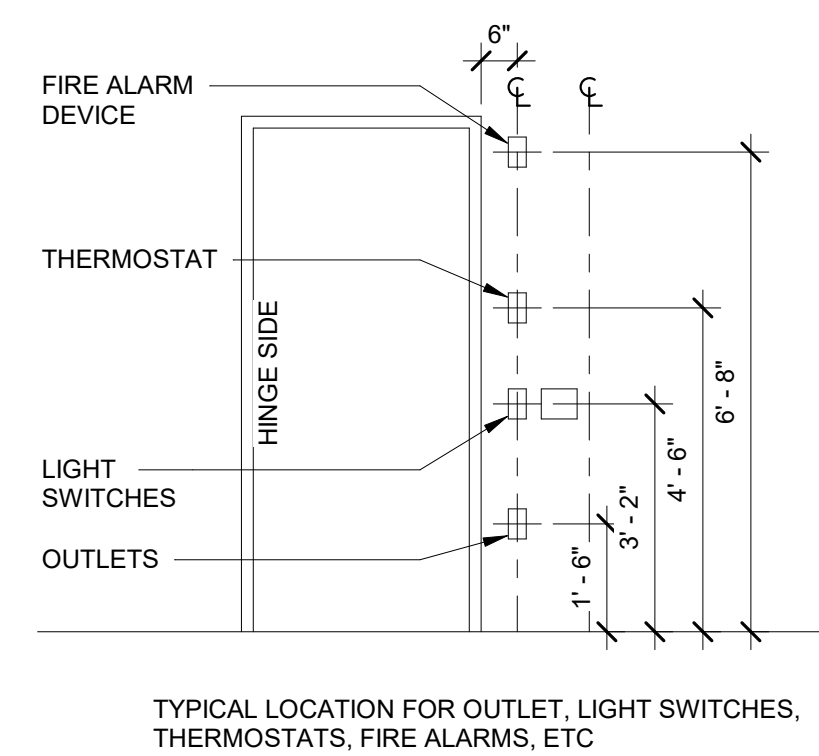
QUICK REFERENCES GUIDELINES (BE SURE TO REFERENCE WITH ADA CODE)

ACCESSIBILITY GUIDELINES THE DIAGRAM BELOW SHOWS RECOMMENDED MOUNTING HEIGHTS FOR MANY WASHROOM ACCESSORIES. A MINIMUM 30" x 48" CLEAR FLOOR SPACE IS REQUIRED IN FRONT OF ALL ACCESSIBLE FIXTURES AND ACCESSORIES.

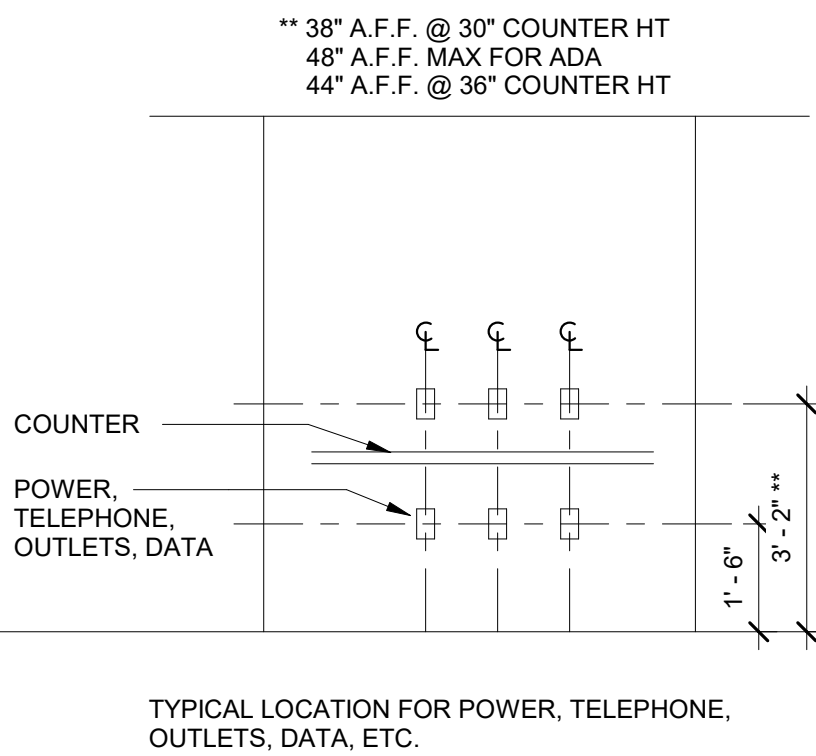


CLEAR FLOOR SPACE AT WATER CLOSETS

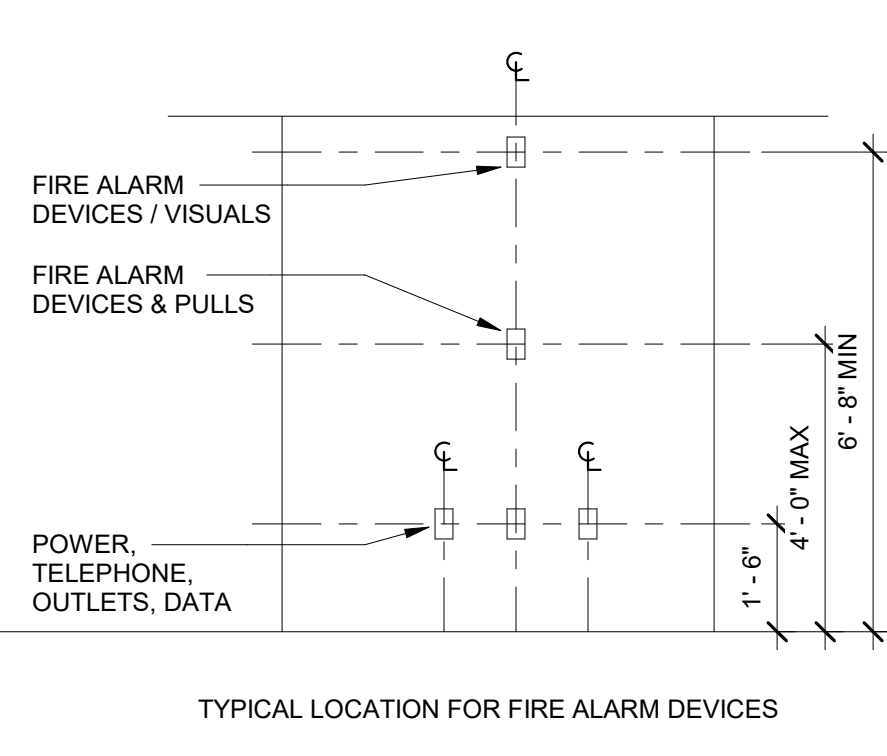
2 /A0.2 TYPICAL ACCESSIBLE HEIGHTS N.T.S.



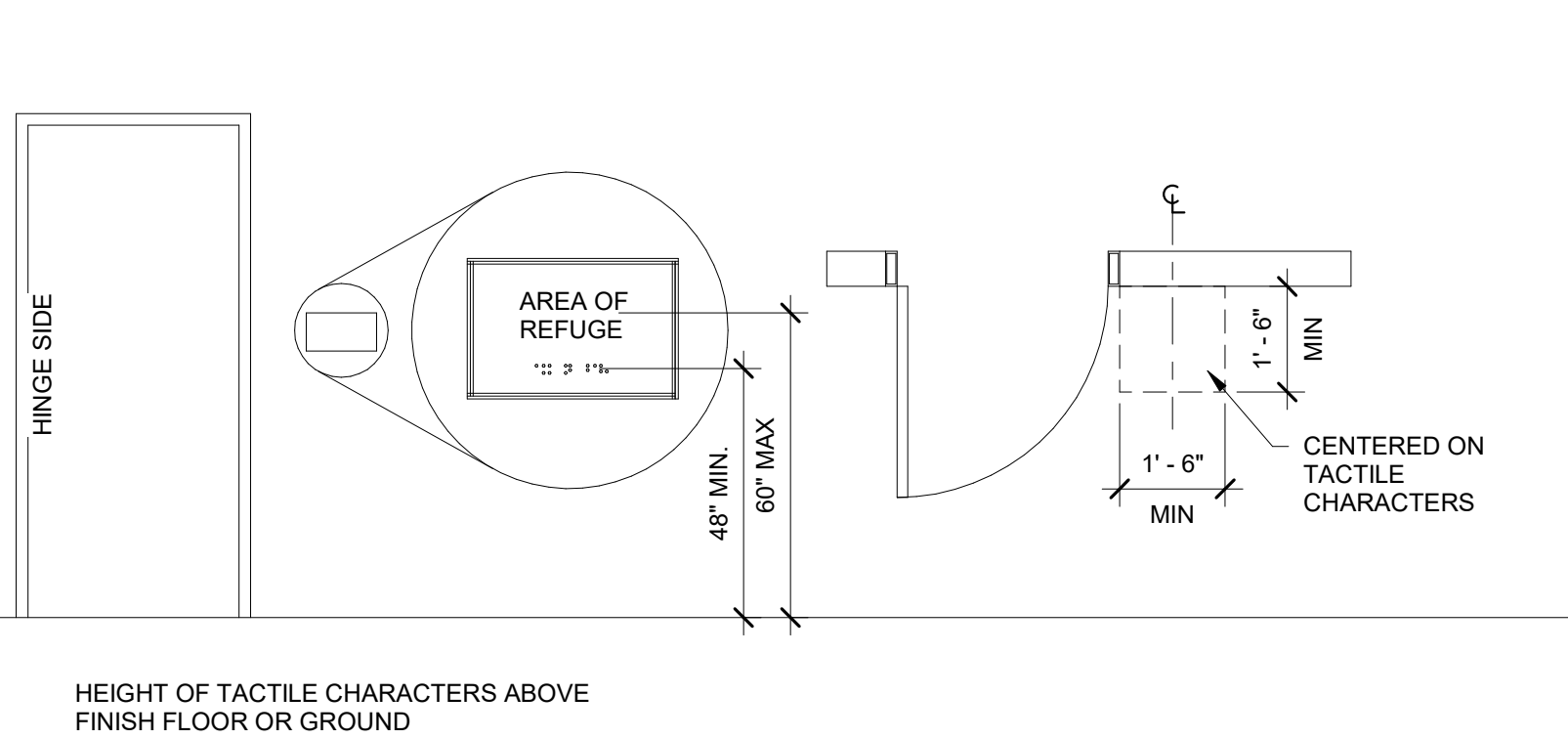
TYPICAL LOCATION FOR OUTLET, LIGHT SWITCHES, THERMOSTATS, FIRE ALARMS, ETC



TYPICAL LOCATION FOR POWER, TELEPHONE, OUTLETS, DATA, ETC.



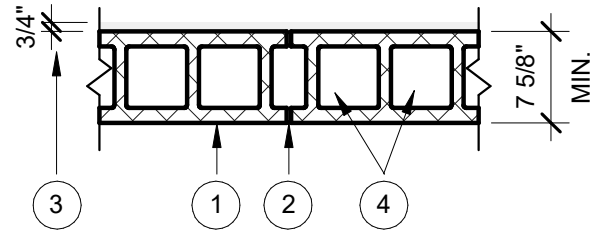
TYPICAL LOCATION FOR FIRE ALARM DEVICES



HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR OR GROUND

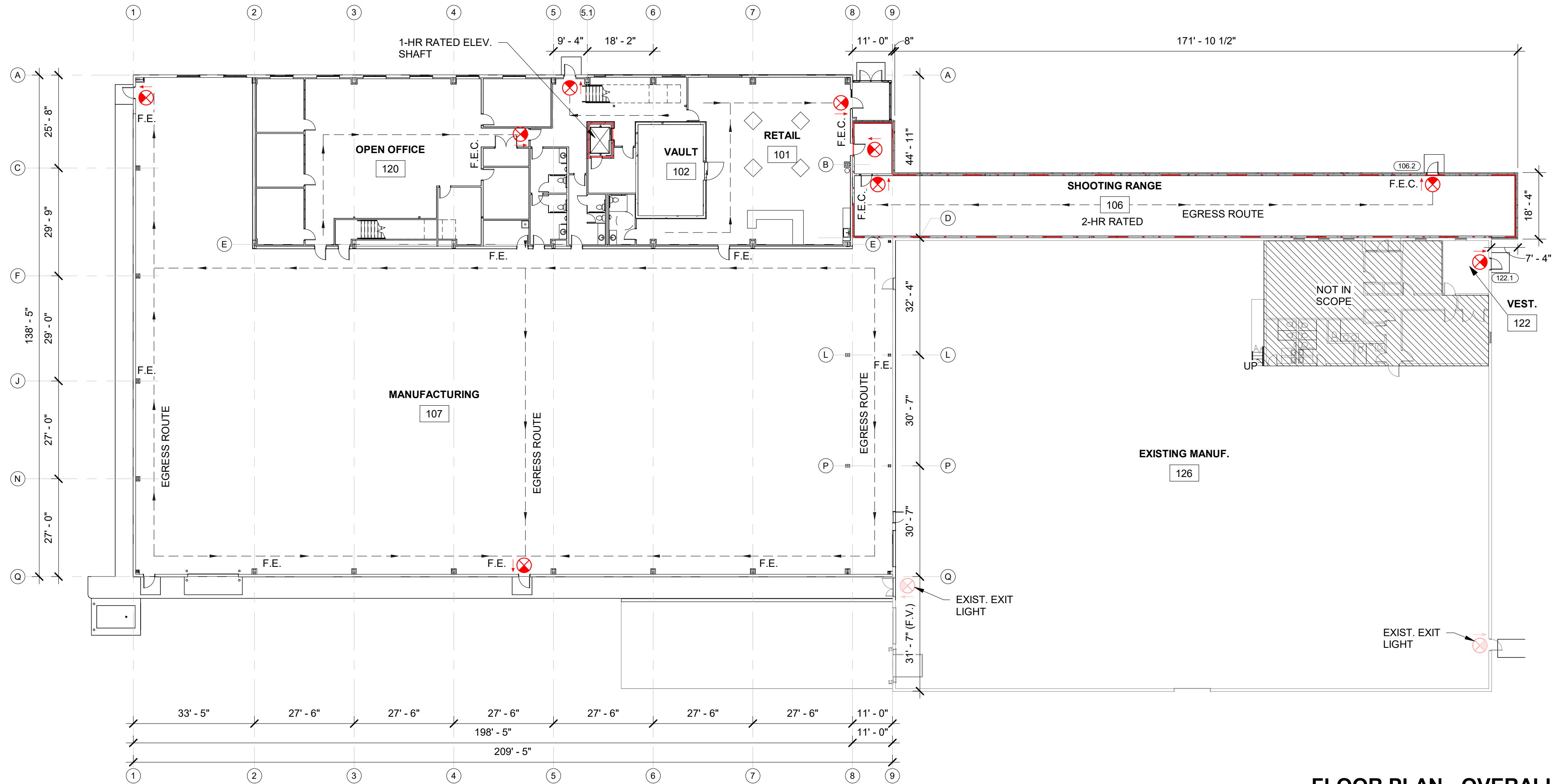
3 /A0.2 ADA - DEVICE MOUNTING HEIGHTS N.T.S.

1. CONCRETE BLOCKS* - VARIOUS DESIGNS. CLASSIFICATION C-3 (3 hr). SEE CONCRETE BLOCKS CATEGORY FOR LIST OF ELIGIBLE MANUFACTURES.
2. MORTAR - BLOCKS LAID IN FULL BED OF MORTAR, NOM. 3/8 in. THICK, OF NOT PART PORTLAND CEMENT (PROPORTIONED BY VOLUME) AND NOT MORE THAN 50 PERCENT HYDRATED LIME (BY CEMENT VOLUME). VERTICAL JOINTS STAGGERED.
3. PORTLAND CEMENT STUCCO OR GYPSUM PLASTER - ADD 1/2 hr TO CLASSIFICATION IF USED. ATTACHED TO CONCRETE BLOCKS (ITEM 1).
4. LOOSE MASONRY FILL - IF ALL CORE SPACES ARE FILLED WITH LOOSE DRY EXPANDED SLAG, EXPANDED CLAY OR SHALE (ROTARY KILN PROCESS), WATER REPELLANT VERMICULITE MASONRY FILL INSULATION, OR SILICONE TREATED PERLITE LOOSE FILL INSULATION ADD 1 hr TO CLASSIFICATION.
5. FOAMED PLASTIC* - (OPTIONAL-NOT SHOWN) - 1 1/2 in. THICK MAX, 4 ft WIDE SHEATHING ATTACHED TO CONCRETE BLOCKS (ITEM 1).
BFB AMERICA INC BFB CELOTEX - TYPE THERMAX BEARING THE UL CLASSIFICATION MARK



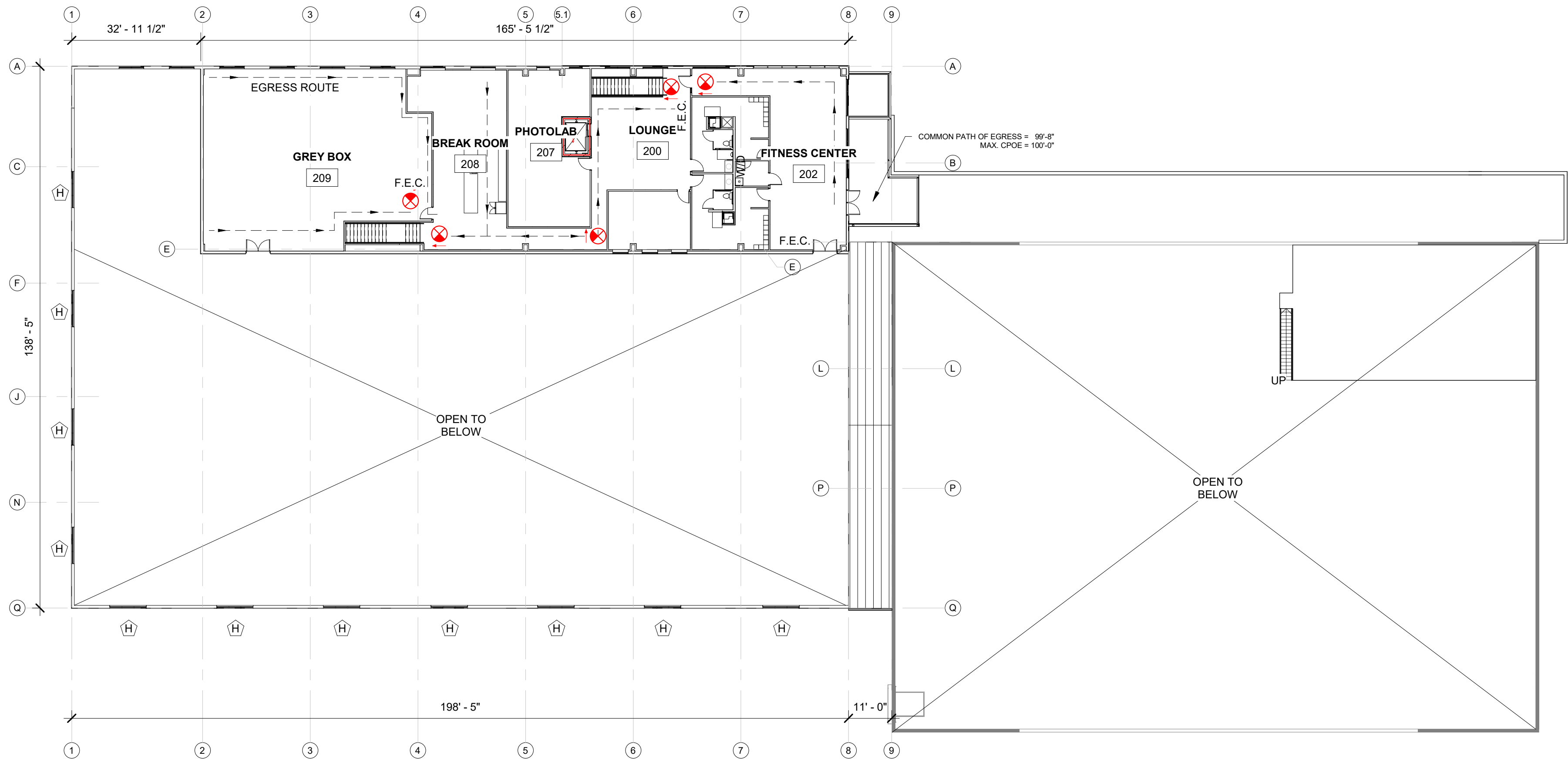
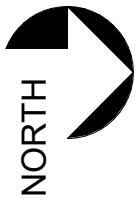
3-HR CONC. MASONRY WALL DESIGN NO. U904

3 /A1.0 SCALE = 3/4" = 1'-0"



FLOOR PLAN - OVERALL PLAN

1 /A1.0 SCALE = 3/64" = 1'-0"



FLOOR PLAN - SECOND FLOOR OVERALL

2 /A1.0 SCALE = 3/64" = 1'-0"



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DESIGN & BUILD GENERAL CONTRACTOR

PROPOSED BUILDING FOR:

GRIFFIN ARMAMENT

WATERTOWN, WISCONSIN; COUNTY OF:
JEFFERSON

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EXECUTIVE: MATT RITTER

DRAWN BY: CMP / LJP

DATE: 01-09-23

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OVERALL FLOOR PLANS

A1.0



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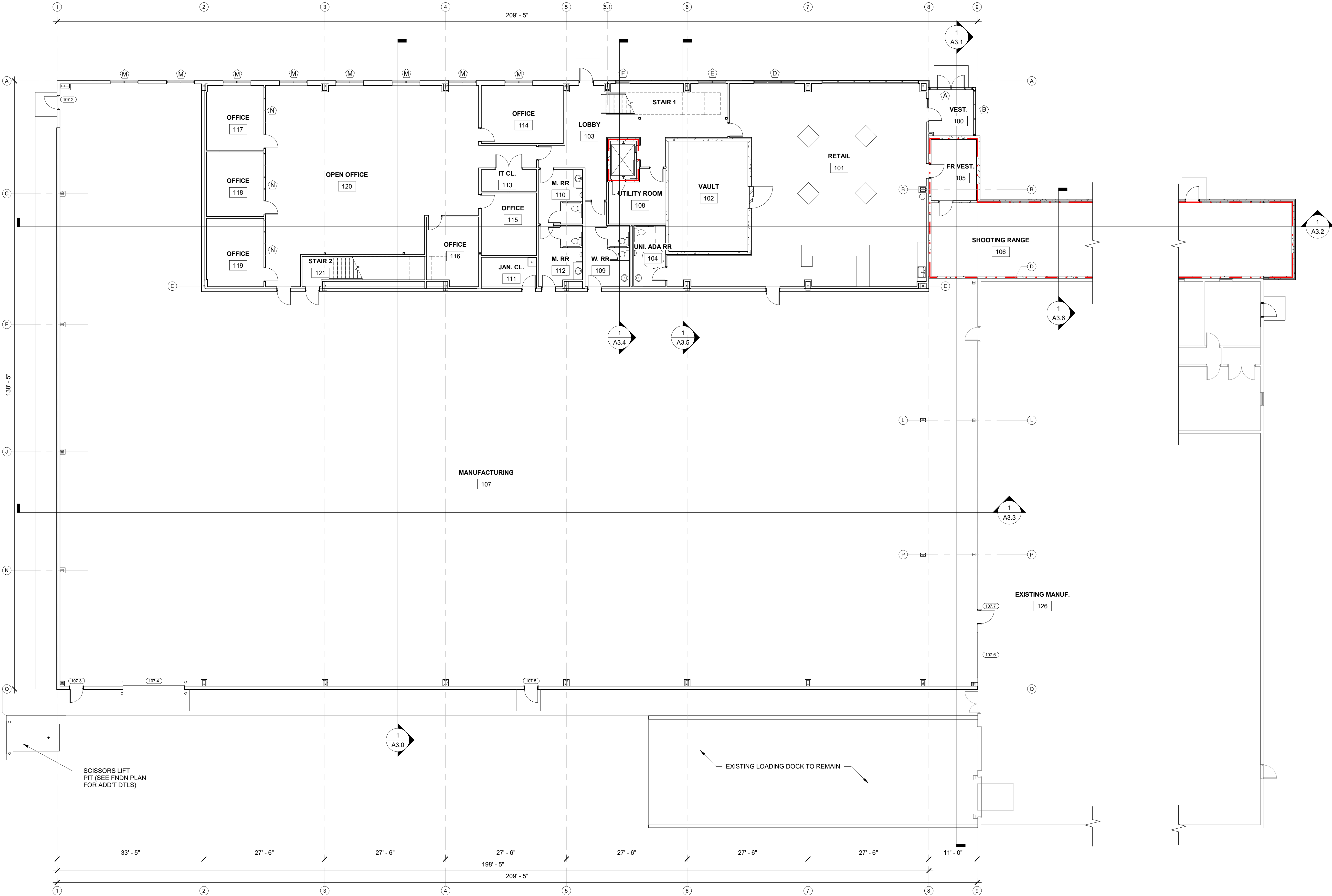
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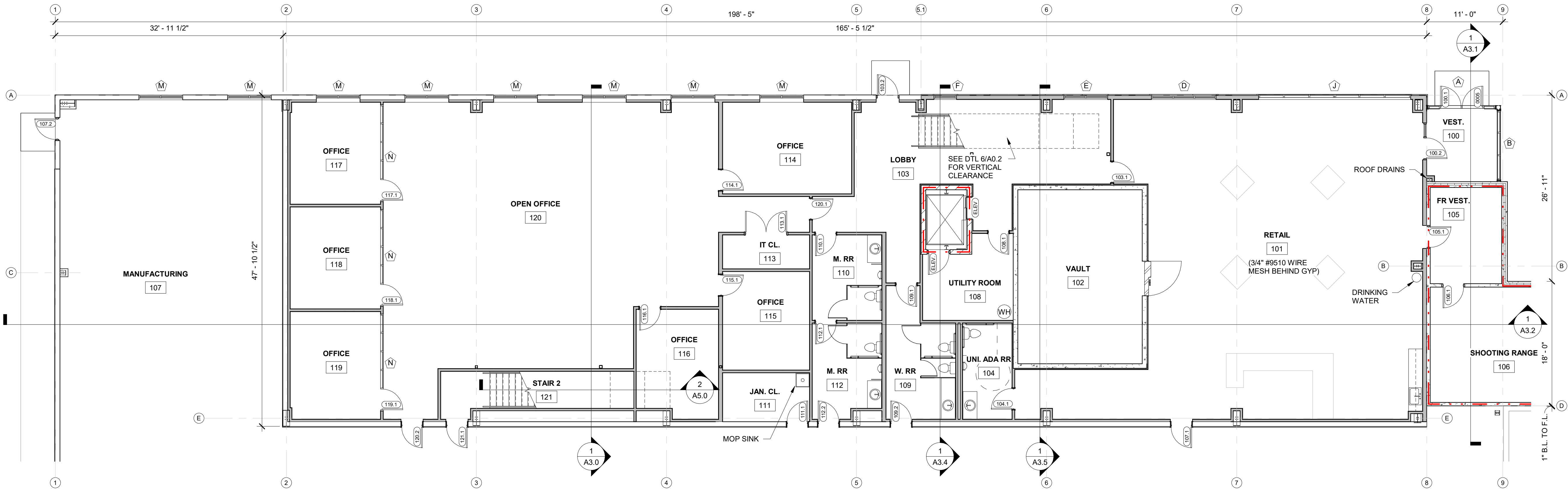
FLOOR PLAN - FIRST FLOOR
PLAN

A1.1

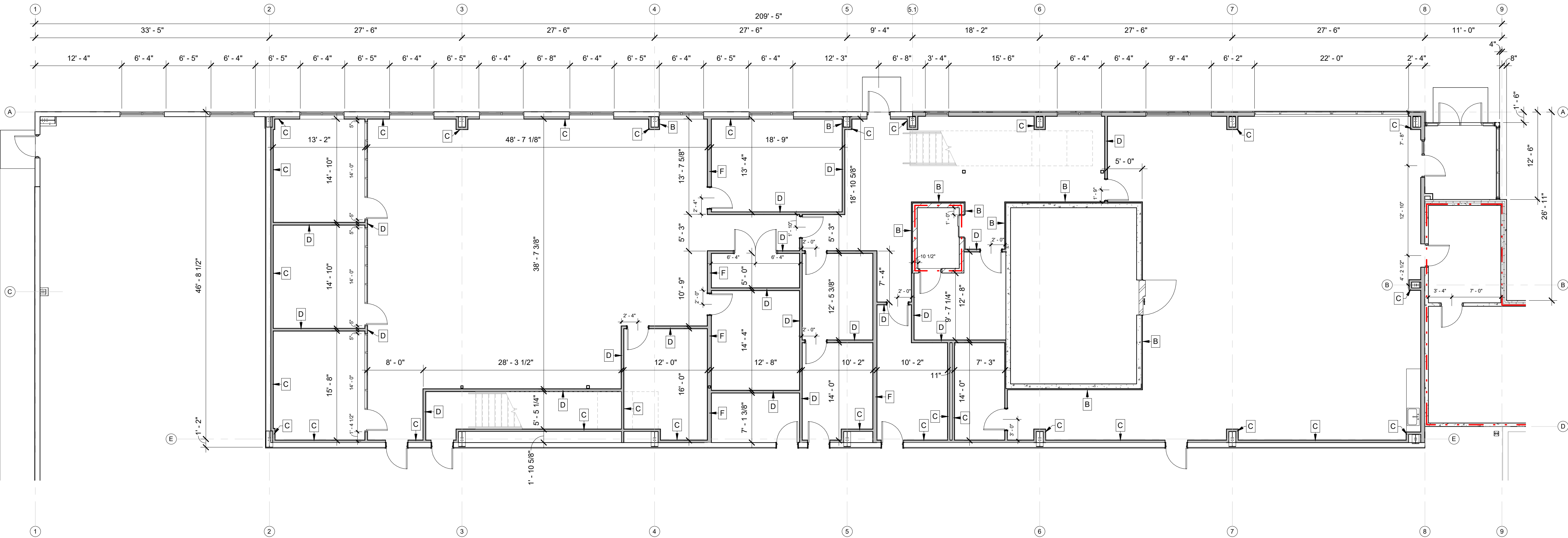
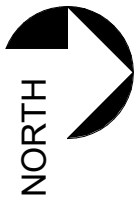
FLOOR PLAN - FIRST FLOOR PLAN

1/A1.1 SCALE = 3/32" = 1'-0"

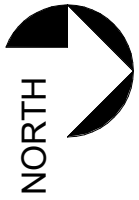




ENLARGED PLAN - 1ST FLOOR OFFICE
1 / A1.2 SCALE = 1/8" = 1'-0"



ENLARGED PLAN - 1ST FLOOR OFFICE DIMENSION
2 / A1.2 SCALE = 1/8" = 1'-0"



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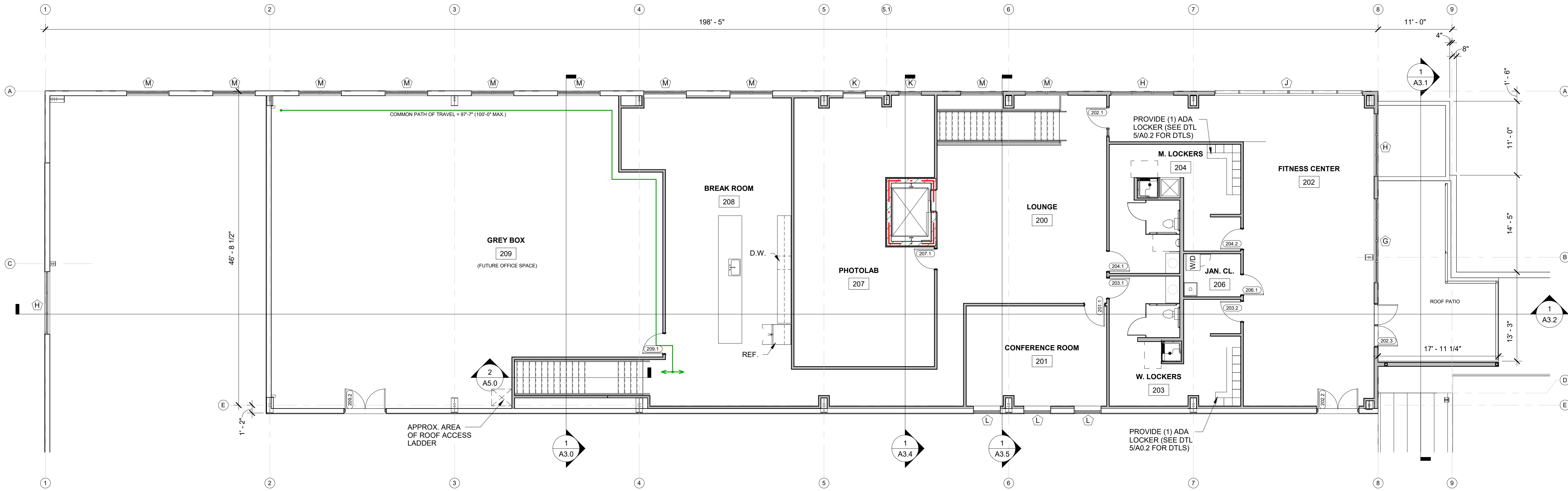
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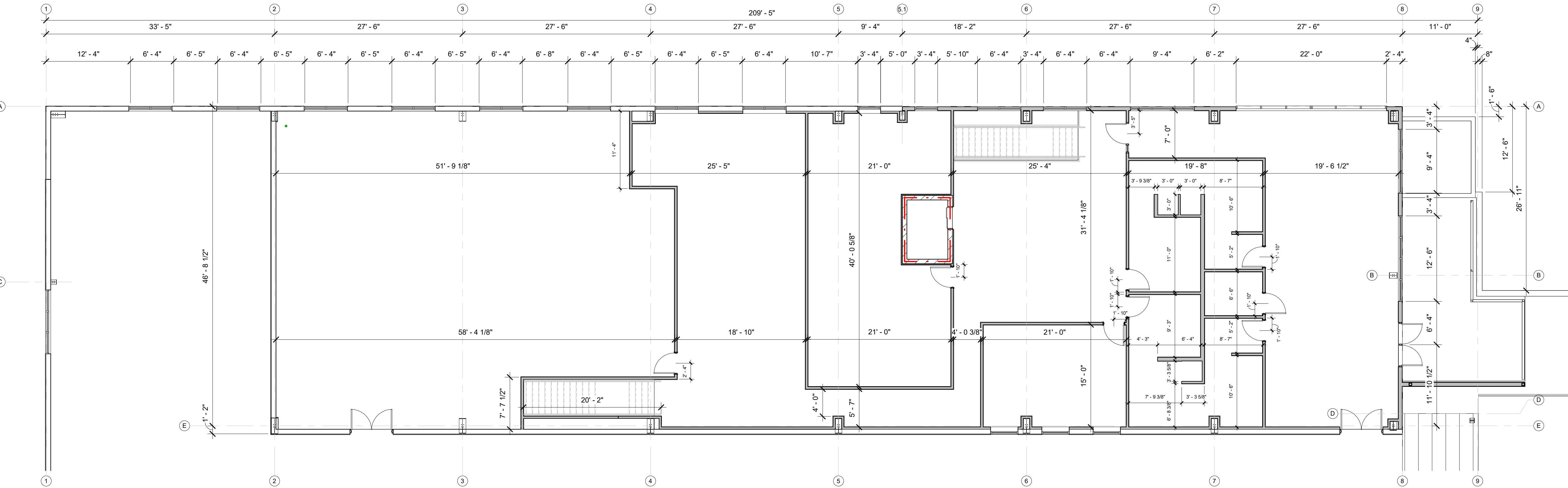
FLOOR PLAN - 1ST FLOOR
ENLARGED

A1.2



ENLARGED PLAN - 2ND FLOOR OFFICE

1/A1.3 SCALE = 1/8" = 1'-0"



ENLARGED PLAN - 2ND FLOOR OFFICE DIMENSION

2/A1.3 SCALE = 1/8" = 1'-0"



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FLOOR PLAN - 2ND FLOOR
ENLARGED

A1.3

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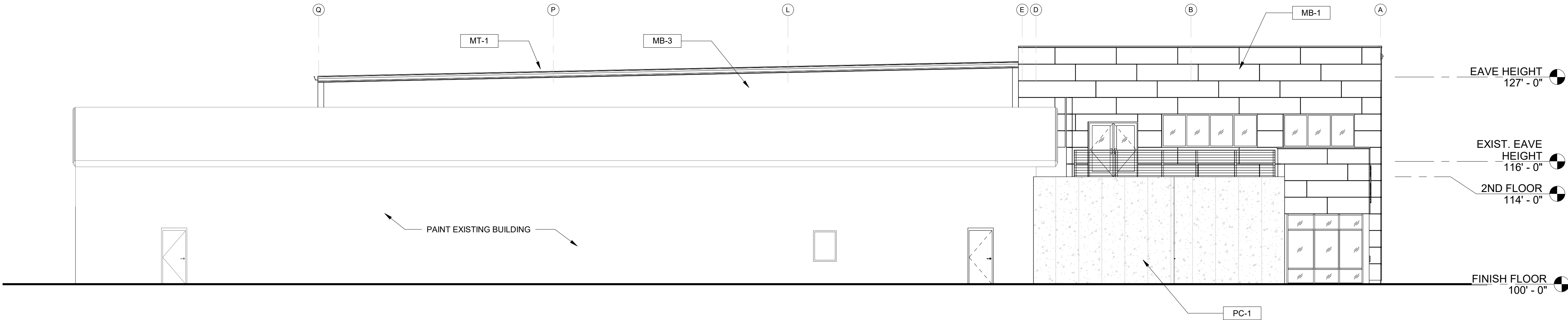
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☒ CHECKSET
☐ CONSTRUCTION

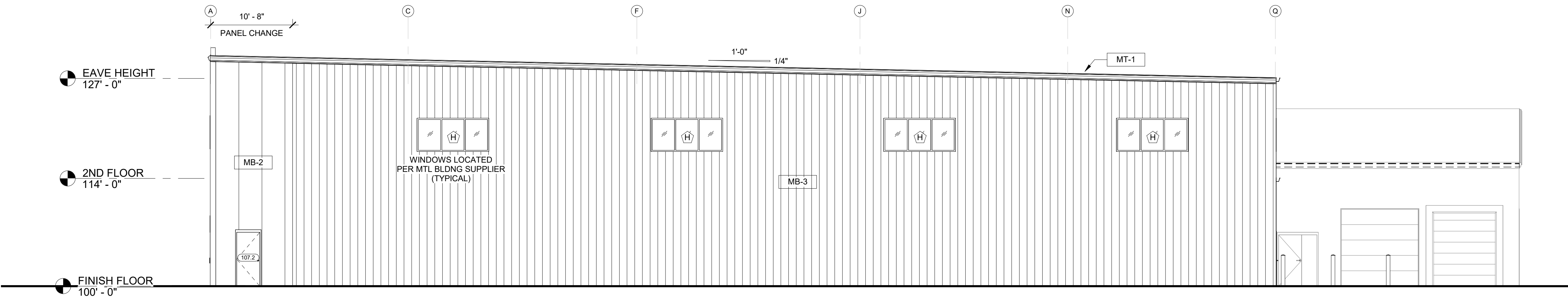
EXTERIOR ELEVATIONS

A2.0



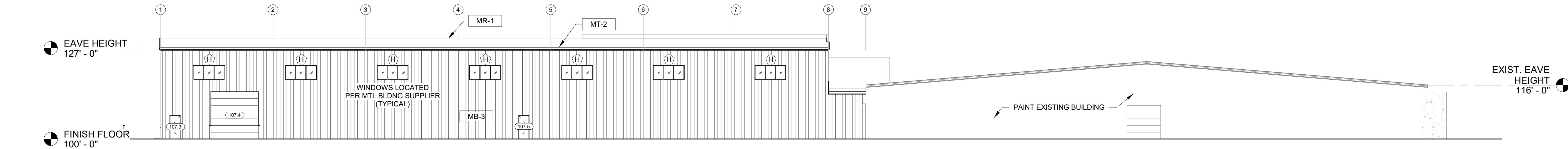
BUILDING ELEVATION - NORTH

3 /A2.0 SCALE = 1/8" = 1'-0"



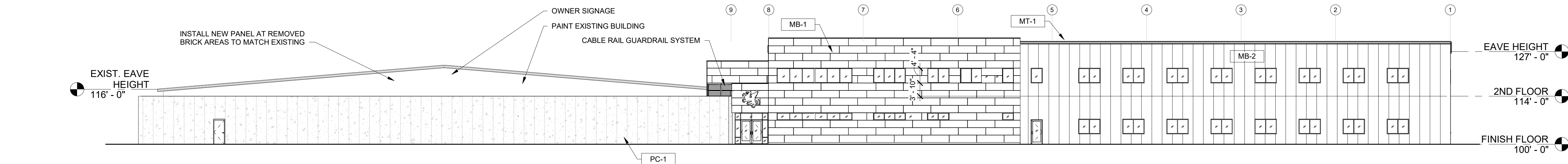
BUILDING ELEVATION - SOUTH

4 /A2.0 SCALE = 1/8" = 1'-0"



BUILDING ELEVATION - EAST

2 /A2.0 SCALE = 1/16" = 1'-0"



BUILDING ELEVATION - WEST

1 /A2.0 SCALE = 1/16" = 1'-0"



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DESIGN & BUILD GENERAL CONTRACTOR

PROPOSED BUILDING FOR:

GRIFFIN ARMAMENT

WATERTOWN, WISCONSIN; COUNTY OF:
JEFFERSON

SCALE VERIFICATION

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ADJUST SCALE ACCORDINGLY

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JOB NUMBER: 22-5181

PROJECT
EXECUTIVE: MATT RITTER

DRAWN BY: CMP / LJP

DATE: 01-09-23

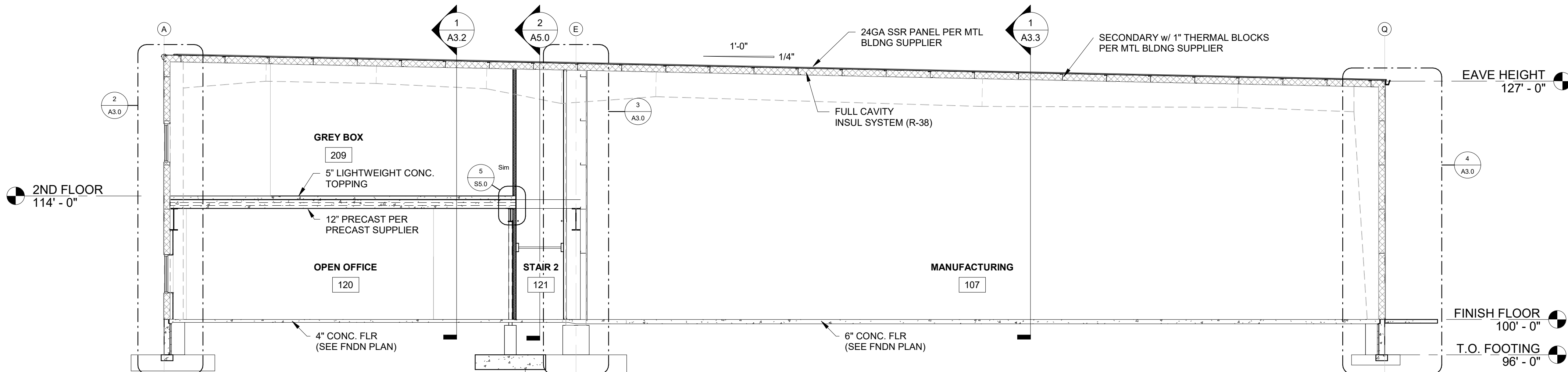
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☐ CONSTRUCTION

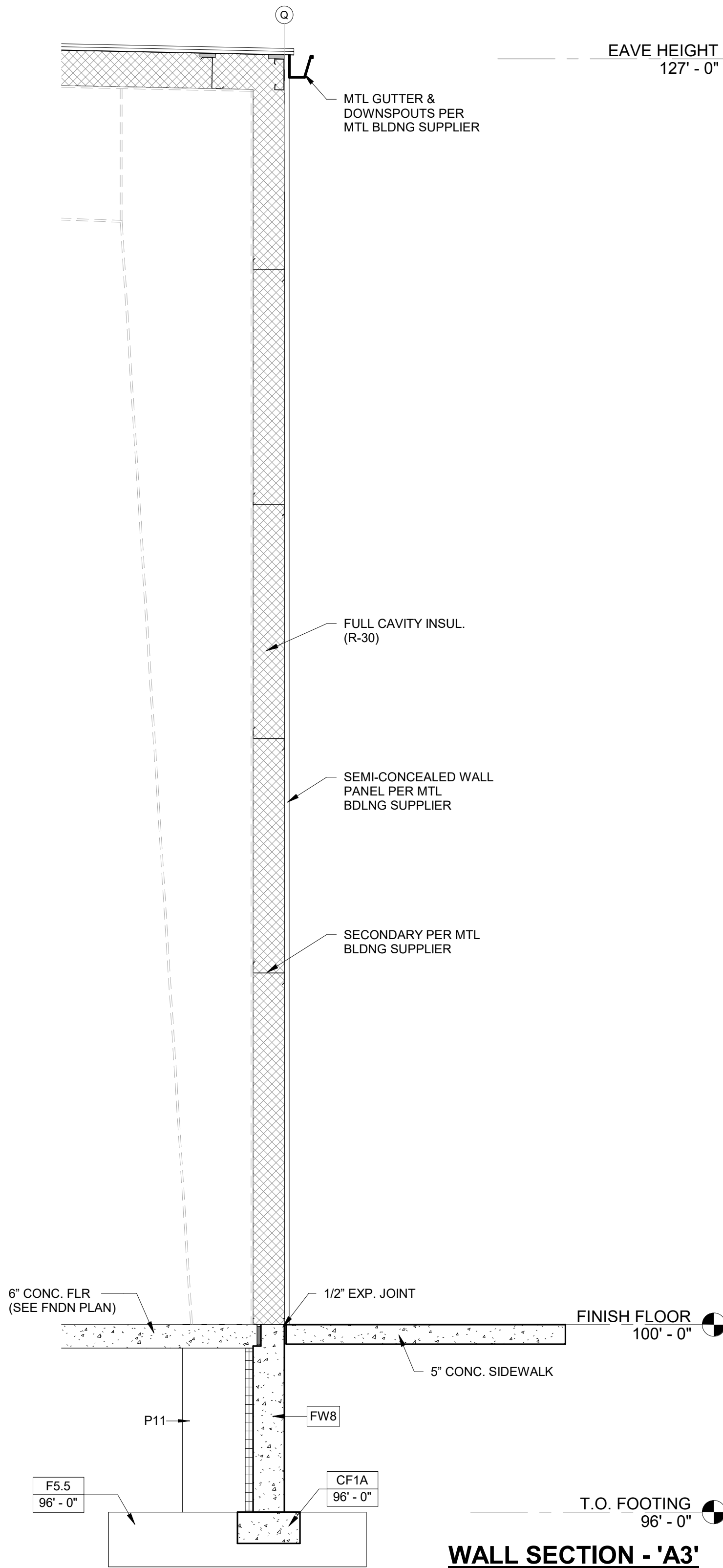
BUILDING SECTIONS

A3.0



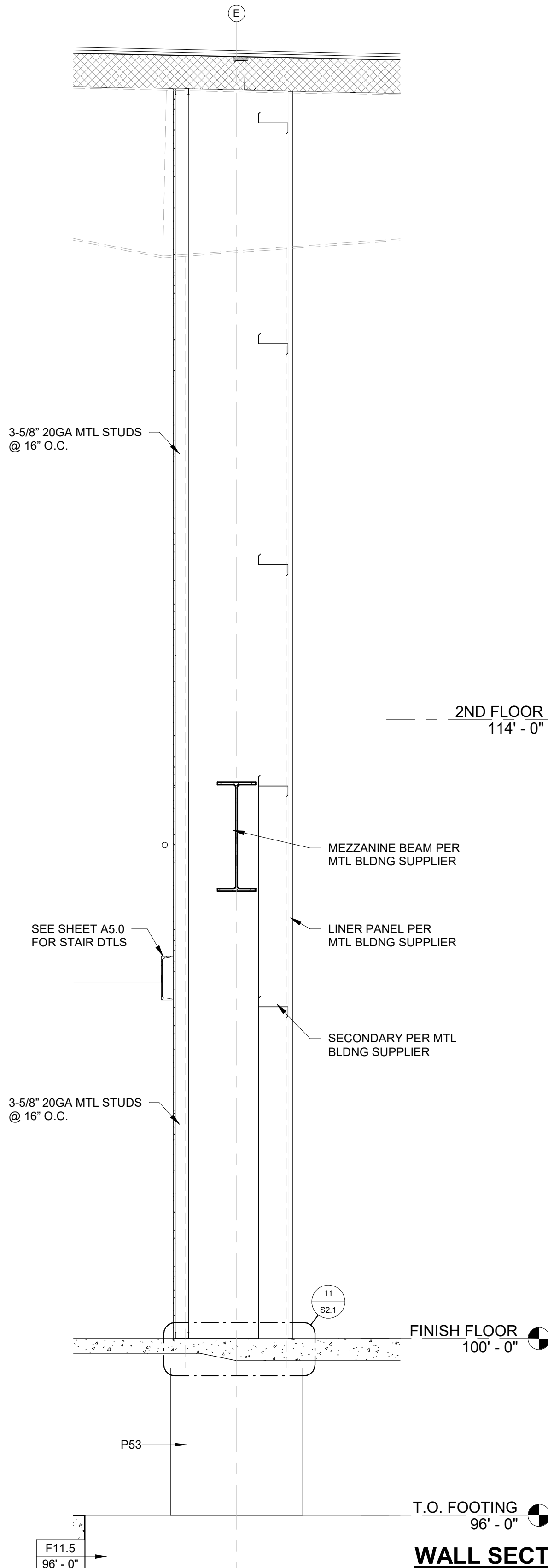
BUILDING SECTION - SECTION 'A'

1 / A3.0 SCALE = 1/8" = 1'-0"



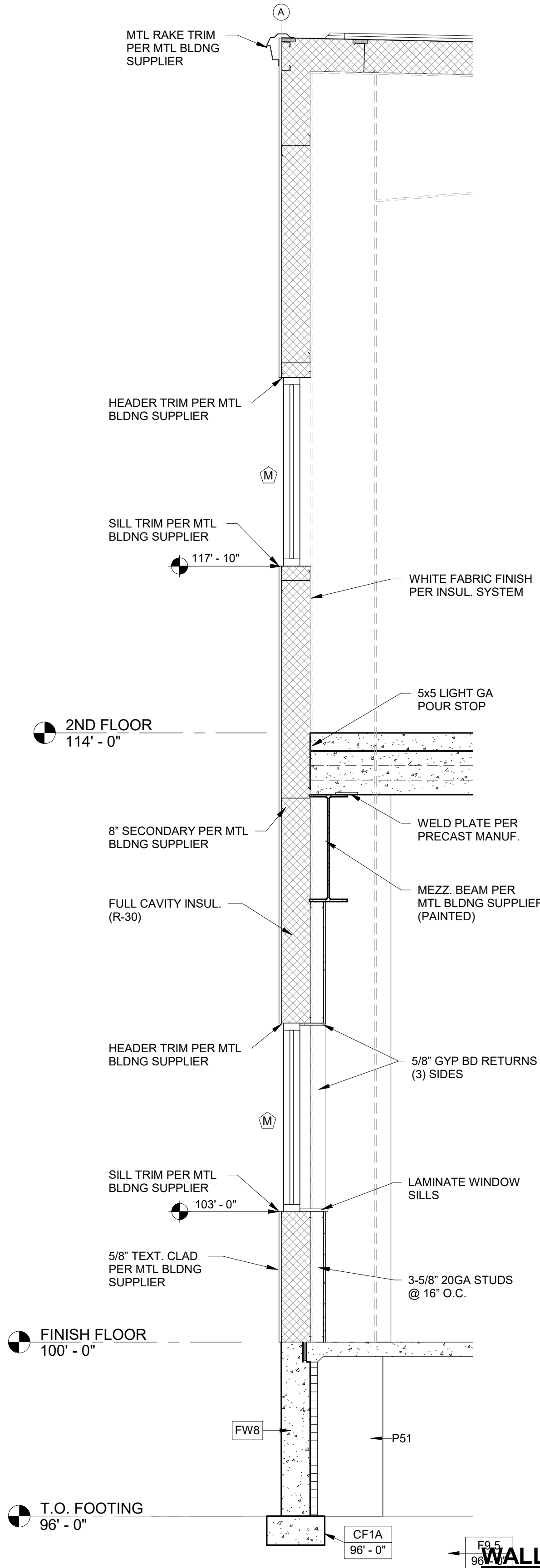
WALL SECTION - 'A3'

4 / A3.0 SCALE = 1/2" = 1'-0"



WALL SECTION - 'A2'

3 / A3.0 SCALE = 1/2" = 1'-0"



WALL SECTION - 'A1'

2 / A3.0 SCALE = 1/2" = 1'-0"

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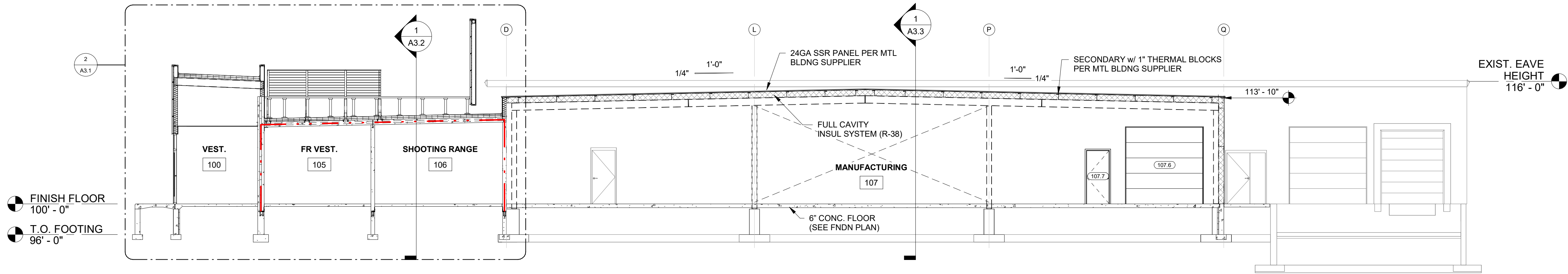
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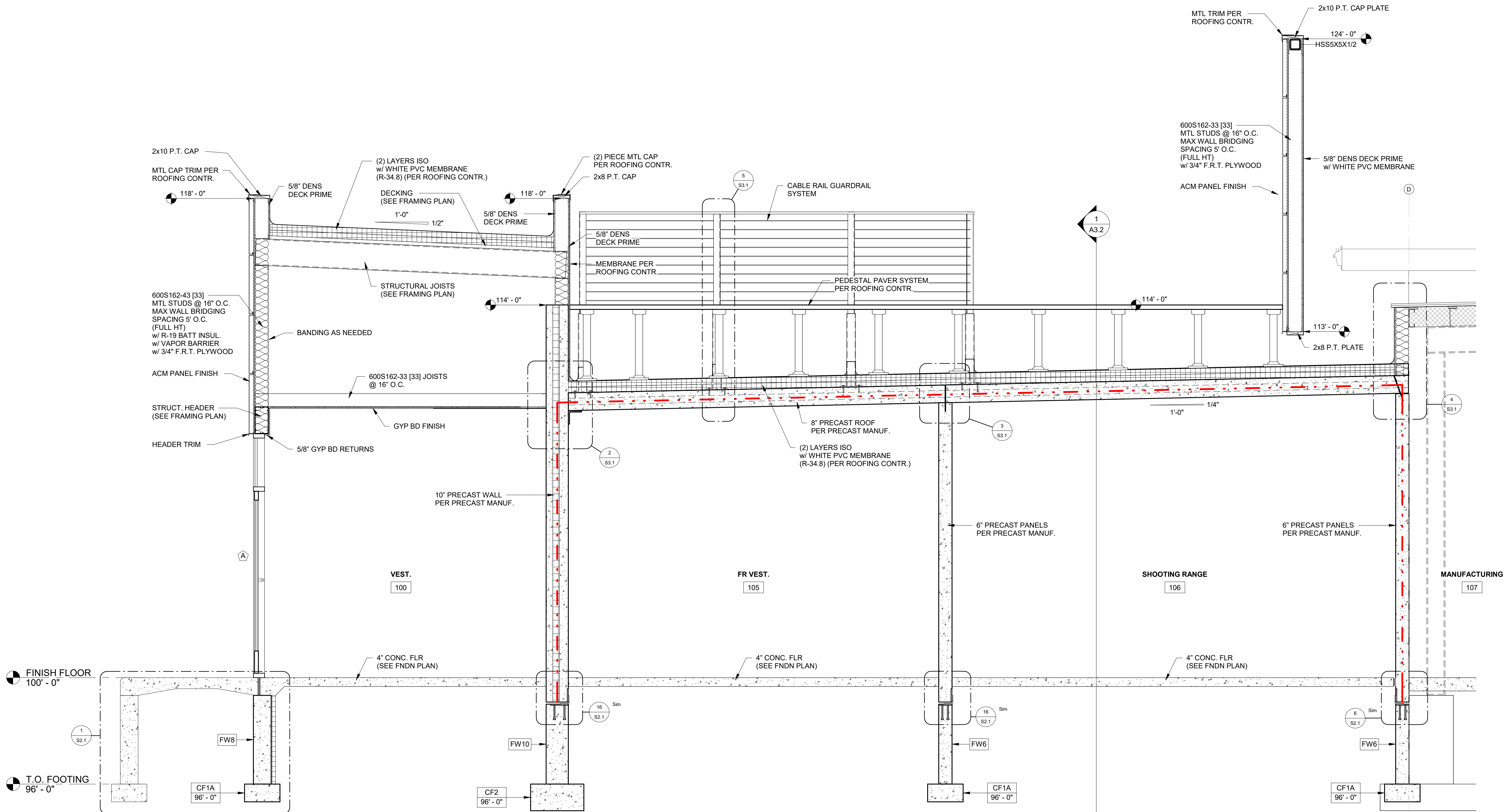
BUILDING SECTIONS

A3.1



BUILDING SECTION - SECTION 'B'

1/A3.1 SCALE = 1/8" = 1'-0"



ENLARGED DETAIL - SECTION 'B'

2/A3.1 SCALE = 1/2" = 1'-0"

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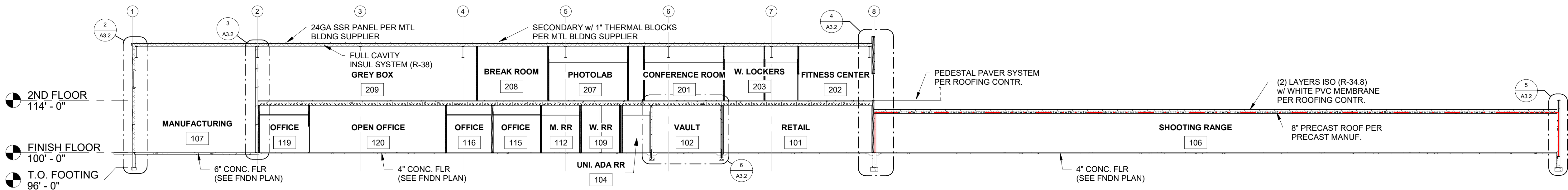
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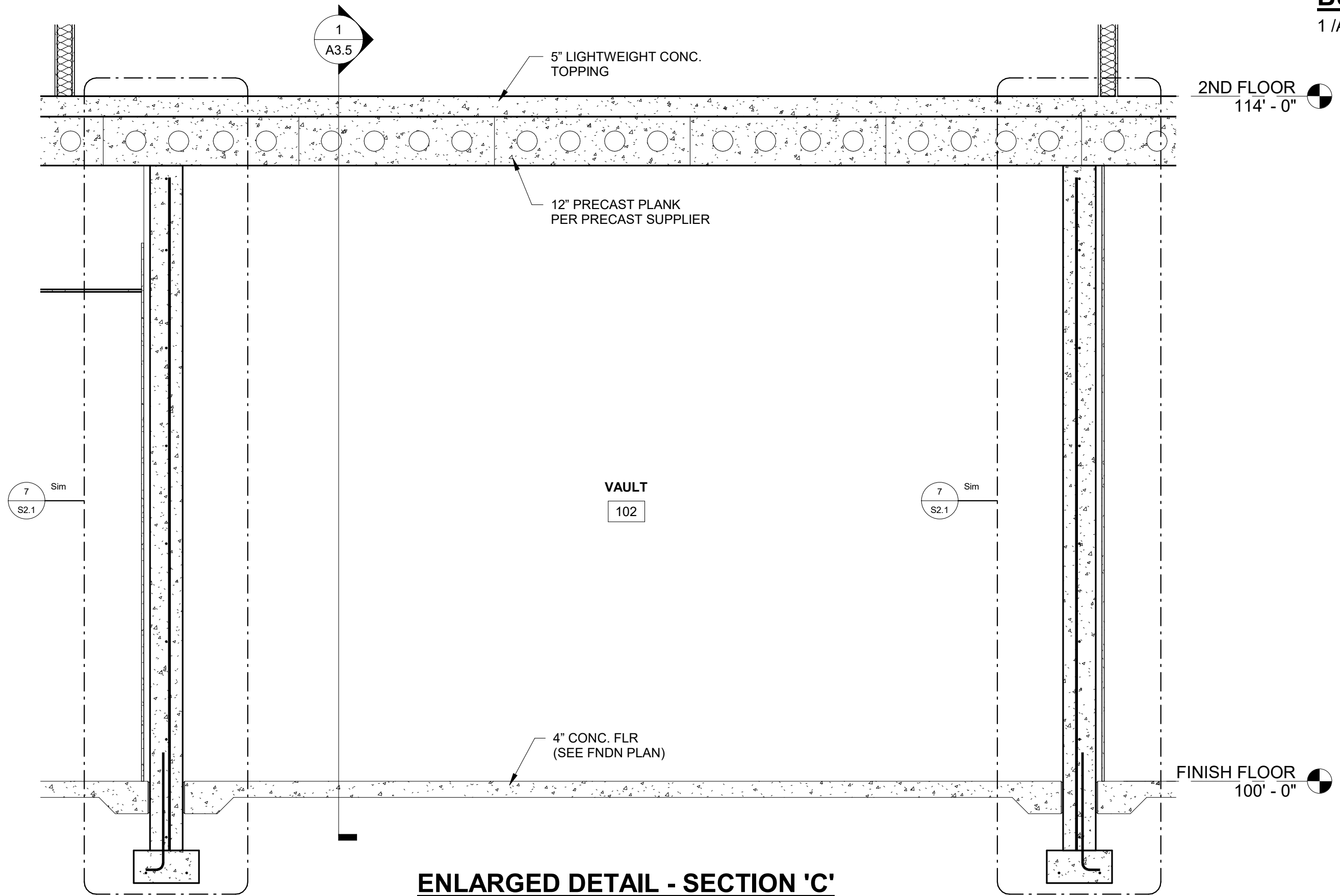
BUILDING SECTIONS

A3.2



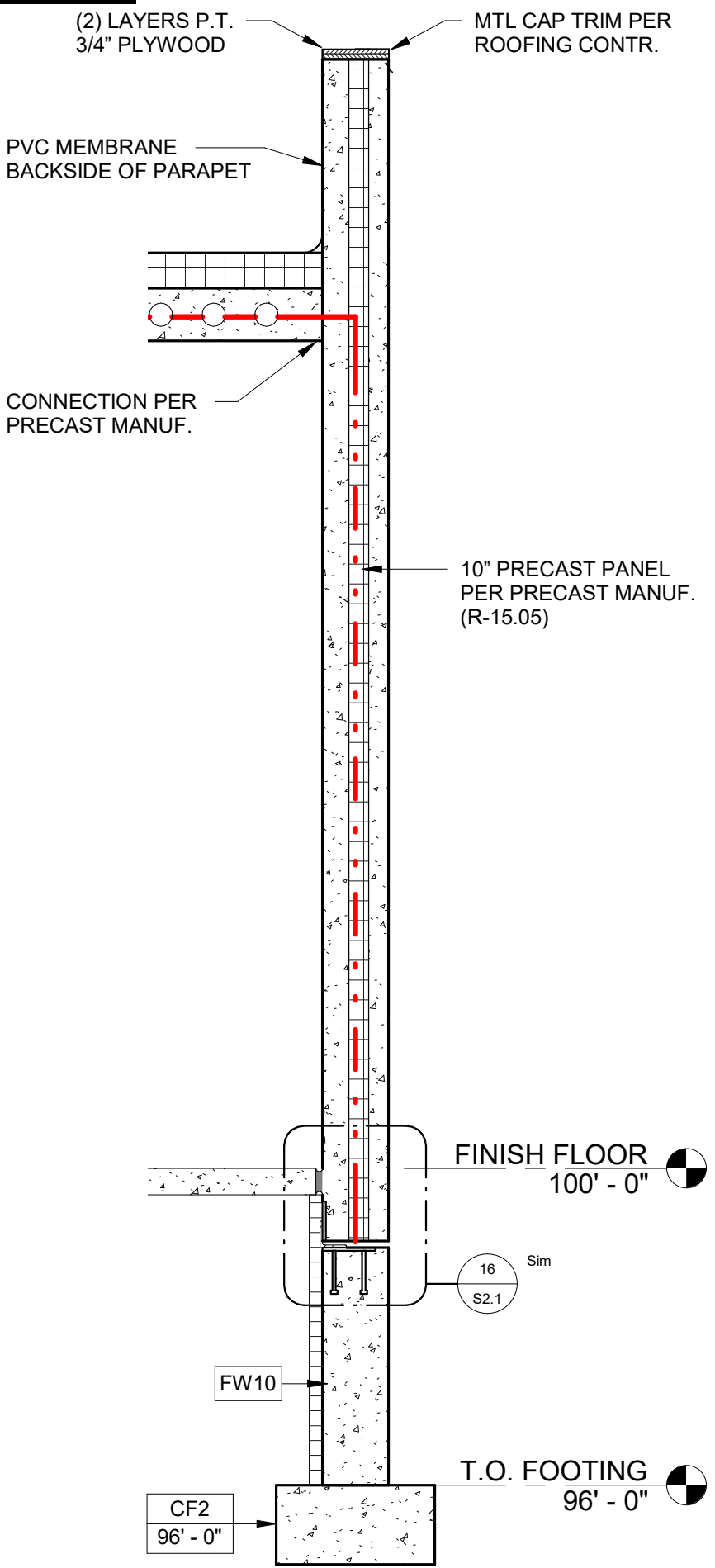
BUILDING SECTION - SECTION 'C'

1 / A3.2 SCALE = 1/16" = 1'-0"



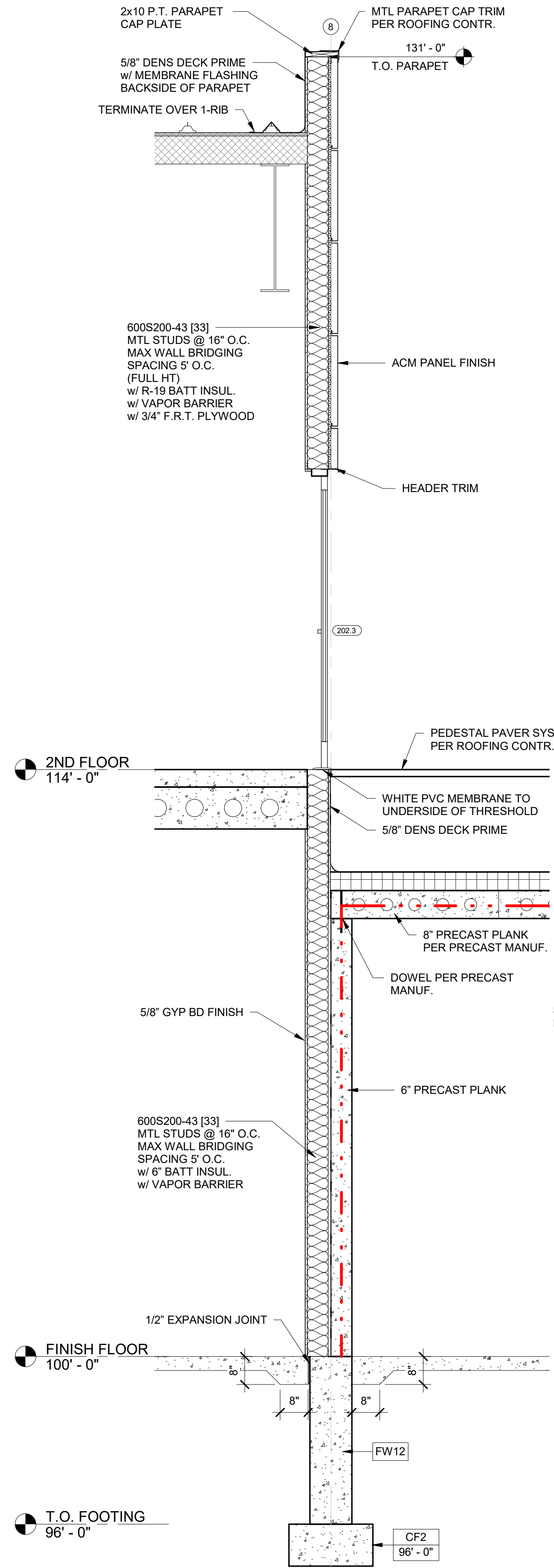
ENLARGED DETAIL - SECTION 'C'

6 / A3.2 SCALE = 1/2" = 1'-0"



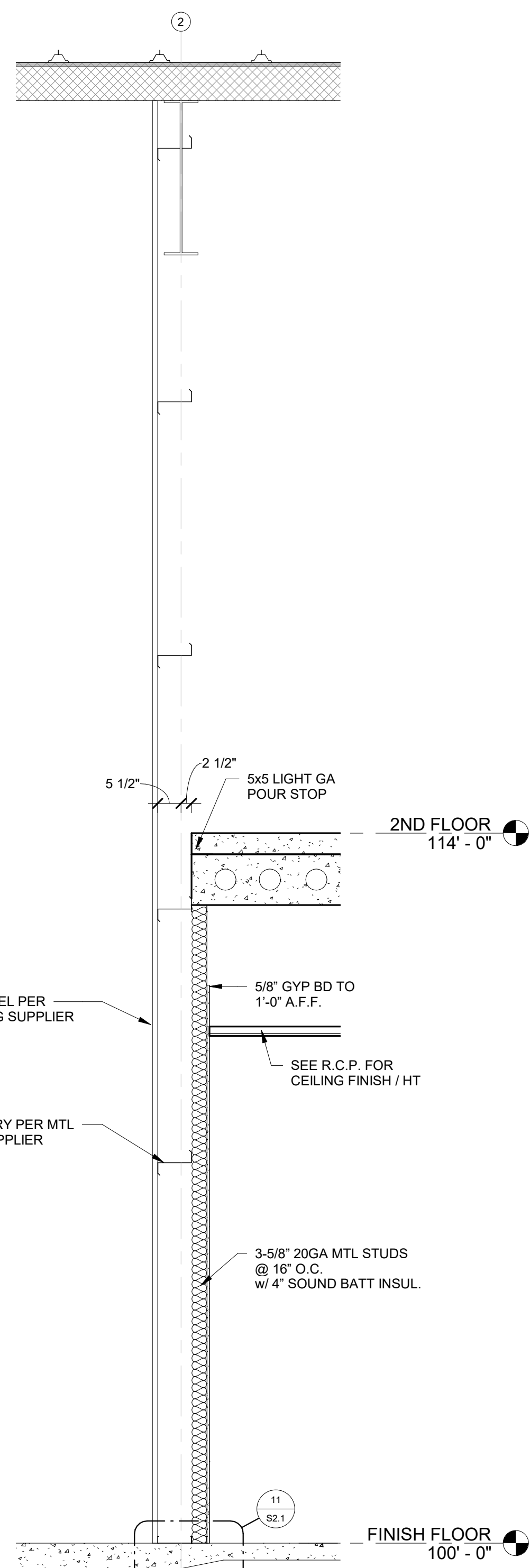
WALL SECTION - 'C4'

5 / A3.2 SCALE = 1/2" = 1'-0"



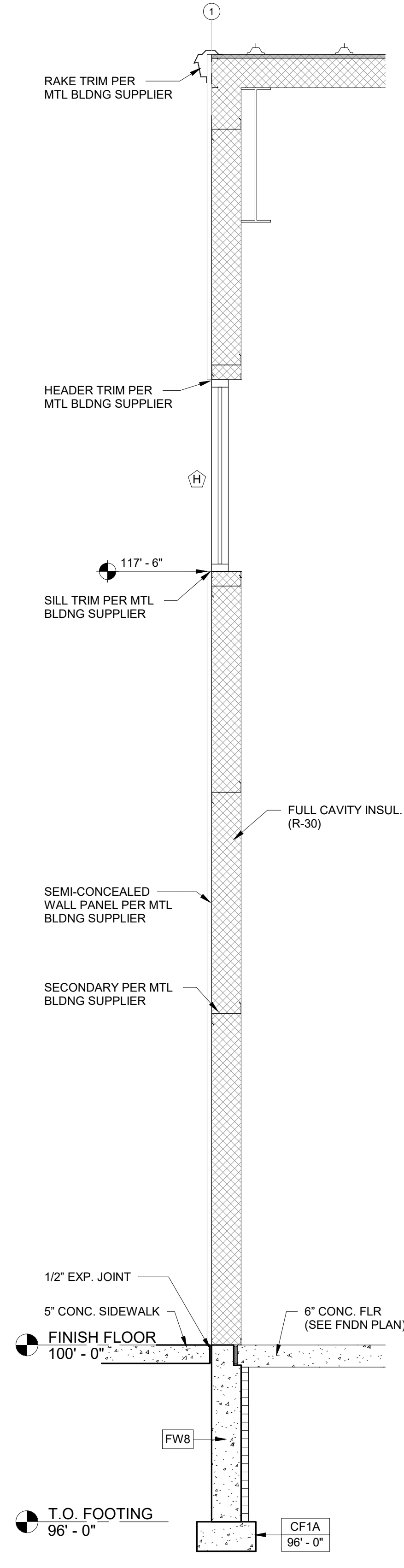
WALL SECTION - 'C3'

4 / A3.2 SCALE = 1/2" = 1'-0"



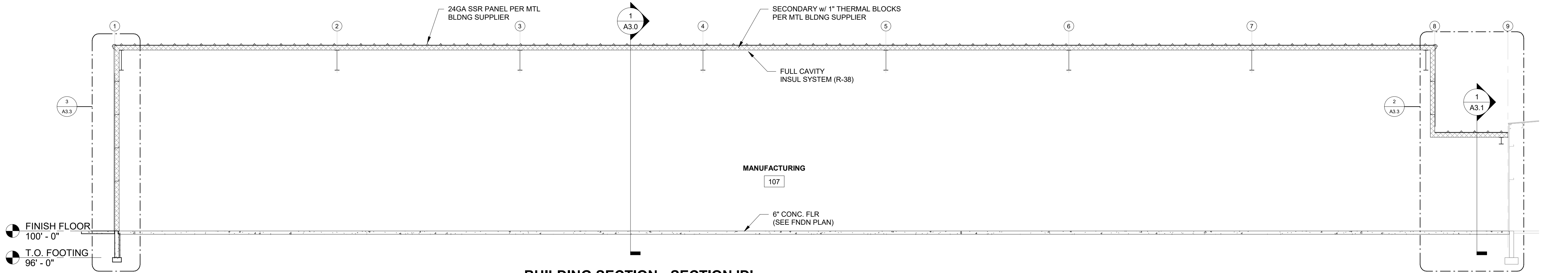
WALL SECTION - 'C2'

3 / A3.2 SCALE = 1/2" = 1'-0"



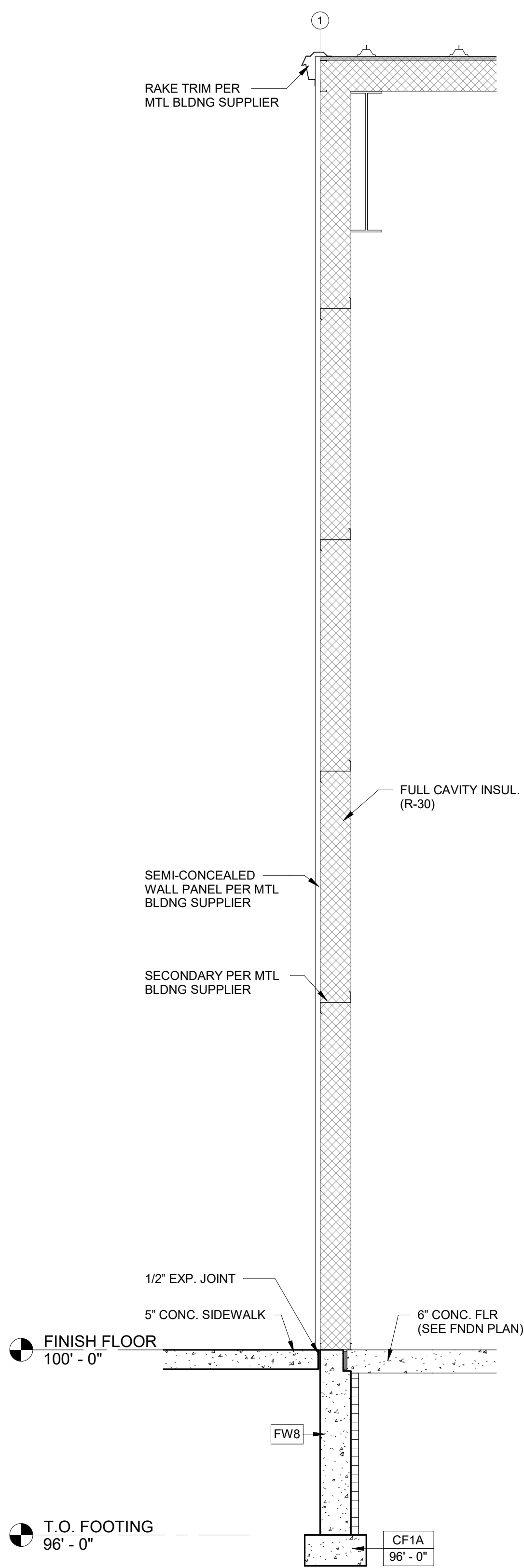
WALL SECTION - 'C1'

2 / A3.2 SCALE = 1/2" = 1'-0"



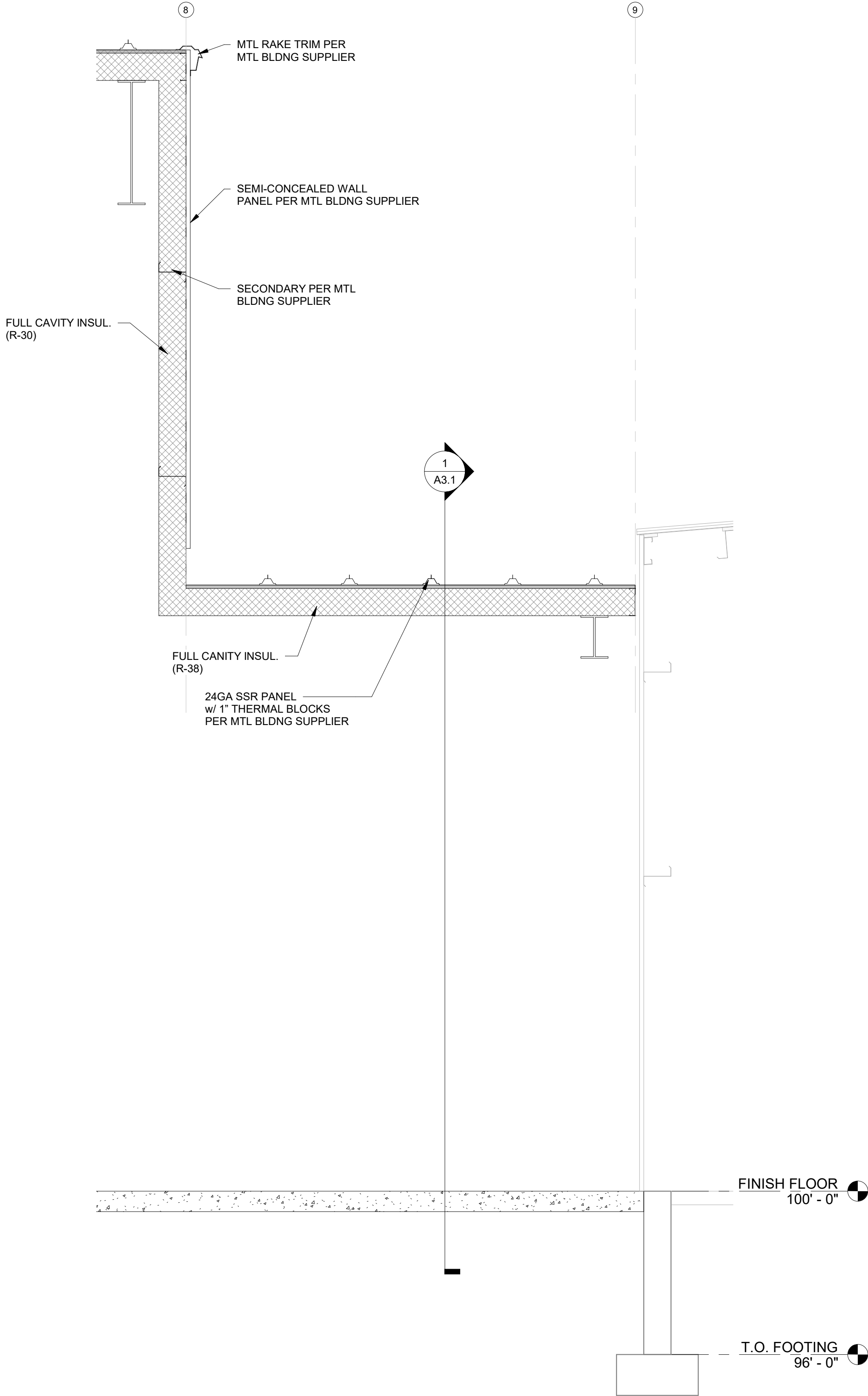
BUILDING SECTION - SECTION 'D'

1 /A3.3 SCALE = 1/8" = 1'-0"



WALL SECTION - 'D1'

3 /A3.3 SCALE = 1/2" = 1'-0"



ENLARGED DETAIL - SECTION 'D'

2 /A3.3 SCALE = 1/2" = 1'-0"



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**PROJECT
EXECUTIVE:** MATT RITTER

DRAWN BY: CMP / LJP

DATE: 01-09-23

REVISIONS:

ISSUED FOR: CHECKED **DATE:**
BY:

- | | | |
|-------------------------------------|---------------|-------------------|
| <input type="checkbox"/> | PRELIMINARY | |
| <input type="checkbox"/> | BID SET | |
| <input type="checkbox"/> | DESIGN REVIEW | MR/SM/LP 12/19/22 |
| <input checked="" type="checkbox"/> | CHECKSET | |
| <input type="checkbox"/> | CONSTRUCTION | |

BUILDING SECTIONS

A3.3

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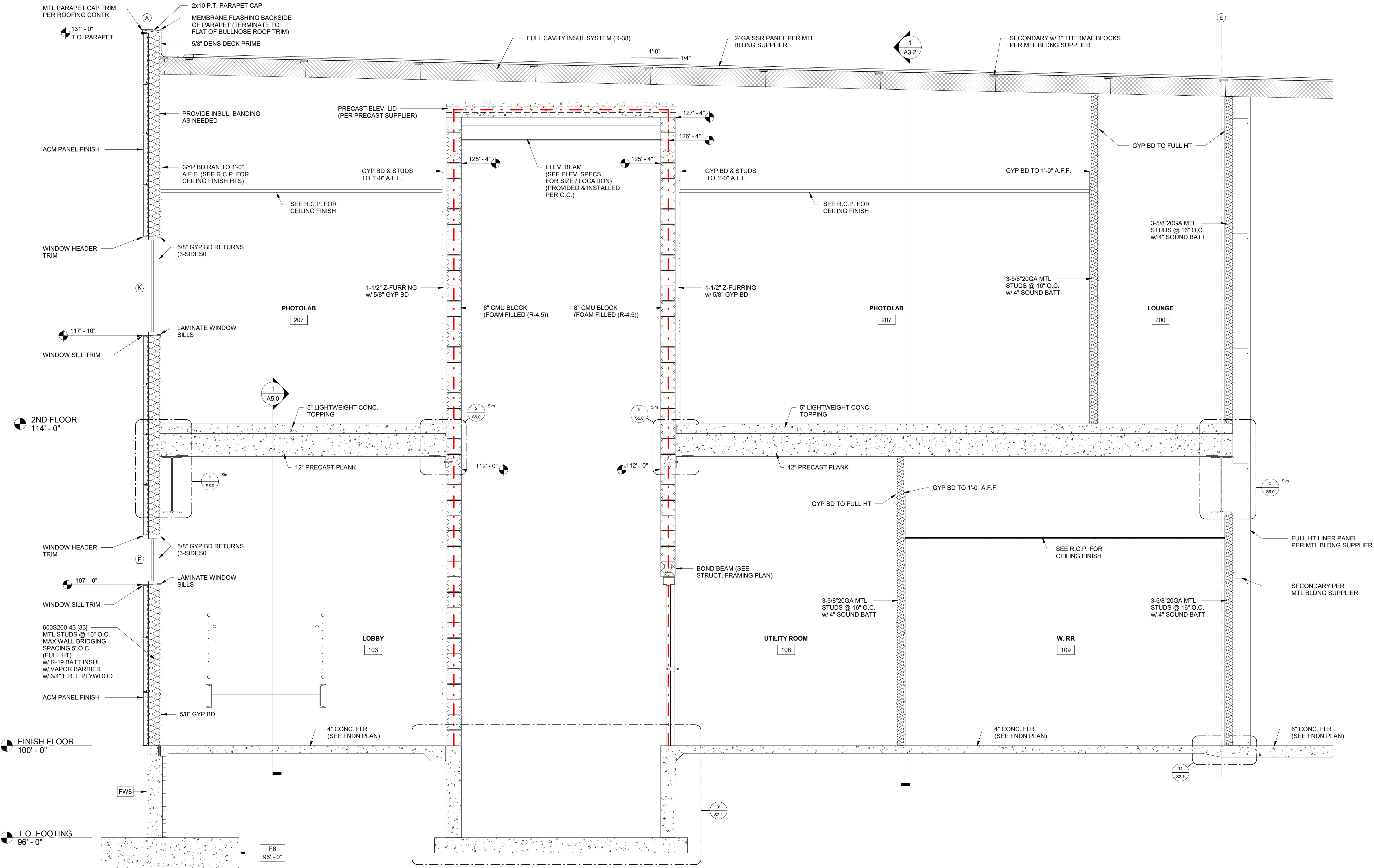
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BUILDING SECTIONS

A3.4



BUILDING SECTION - OFFICE SECTION 'A'

1 / A3.4 SCALE = 1/2" = 1'-0"

REVISIONS:

A3.5





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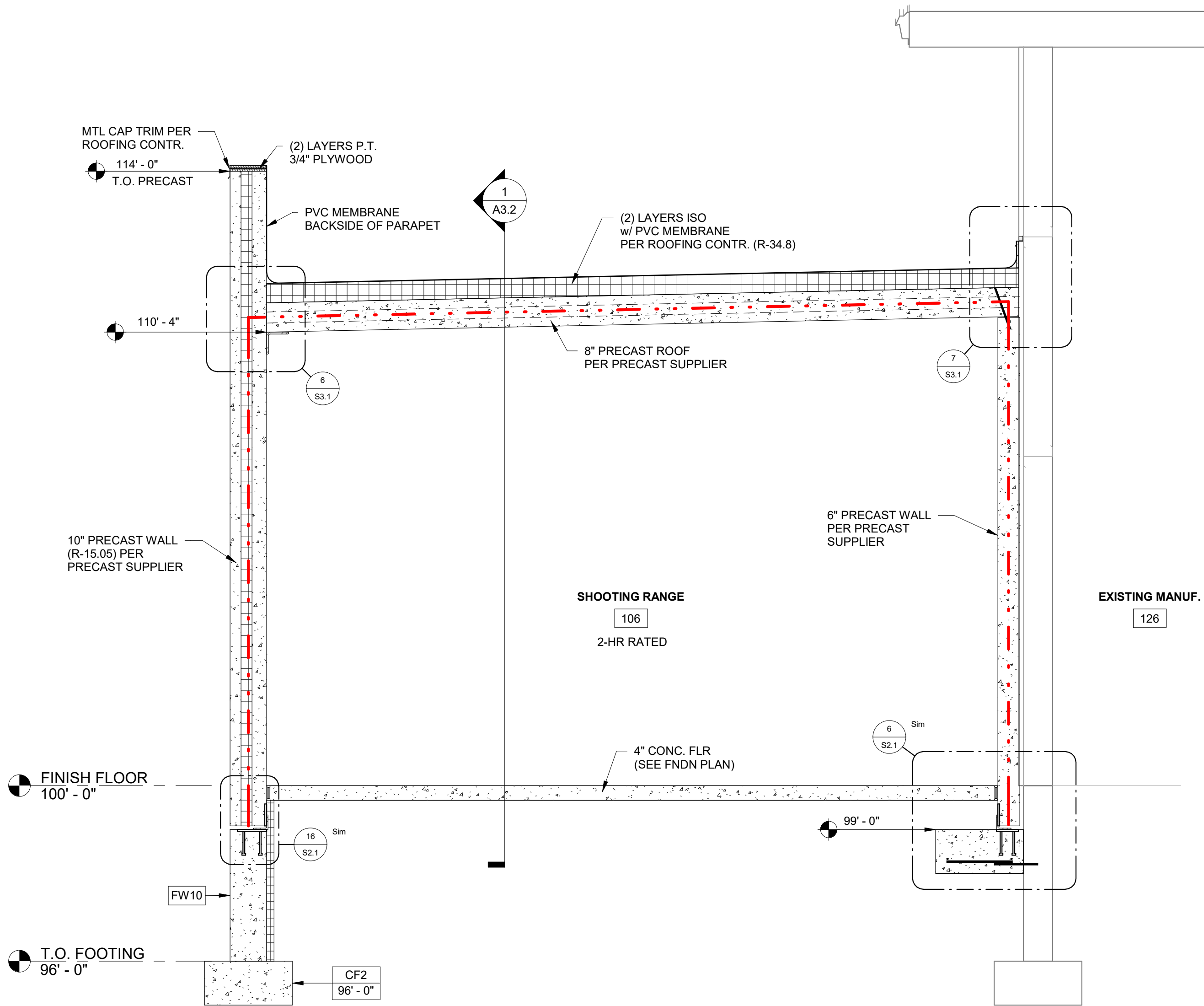
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BUILDING SECTIONS

A3.6



BUILDING SECTION - RANGE SECTION

1/A3.6 SCALE = 1/2" = 1'-0"



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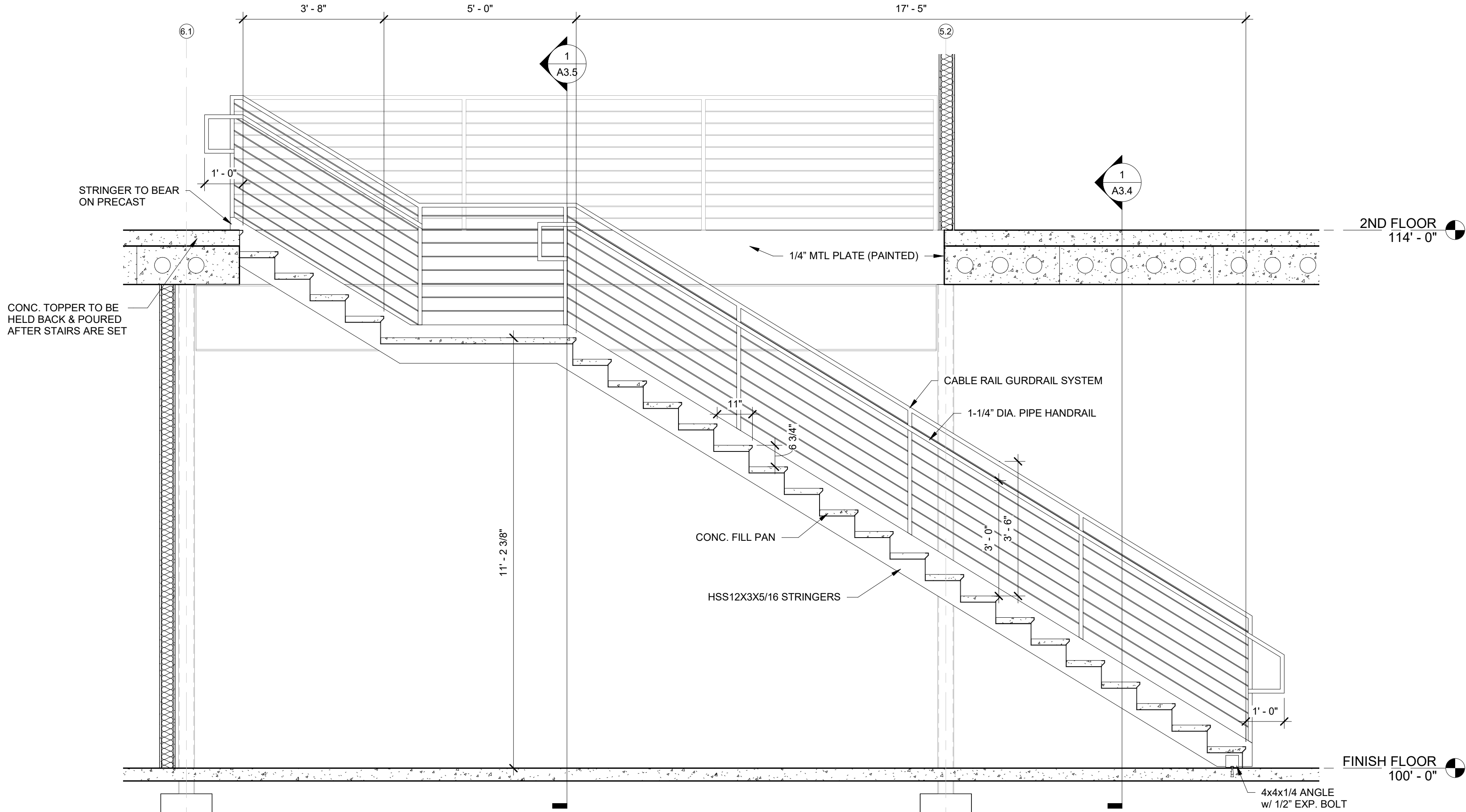
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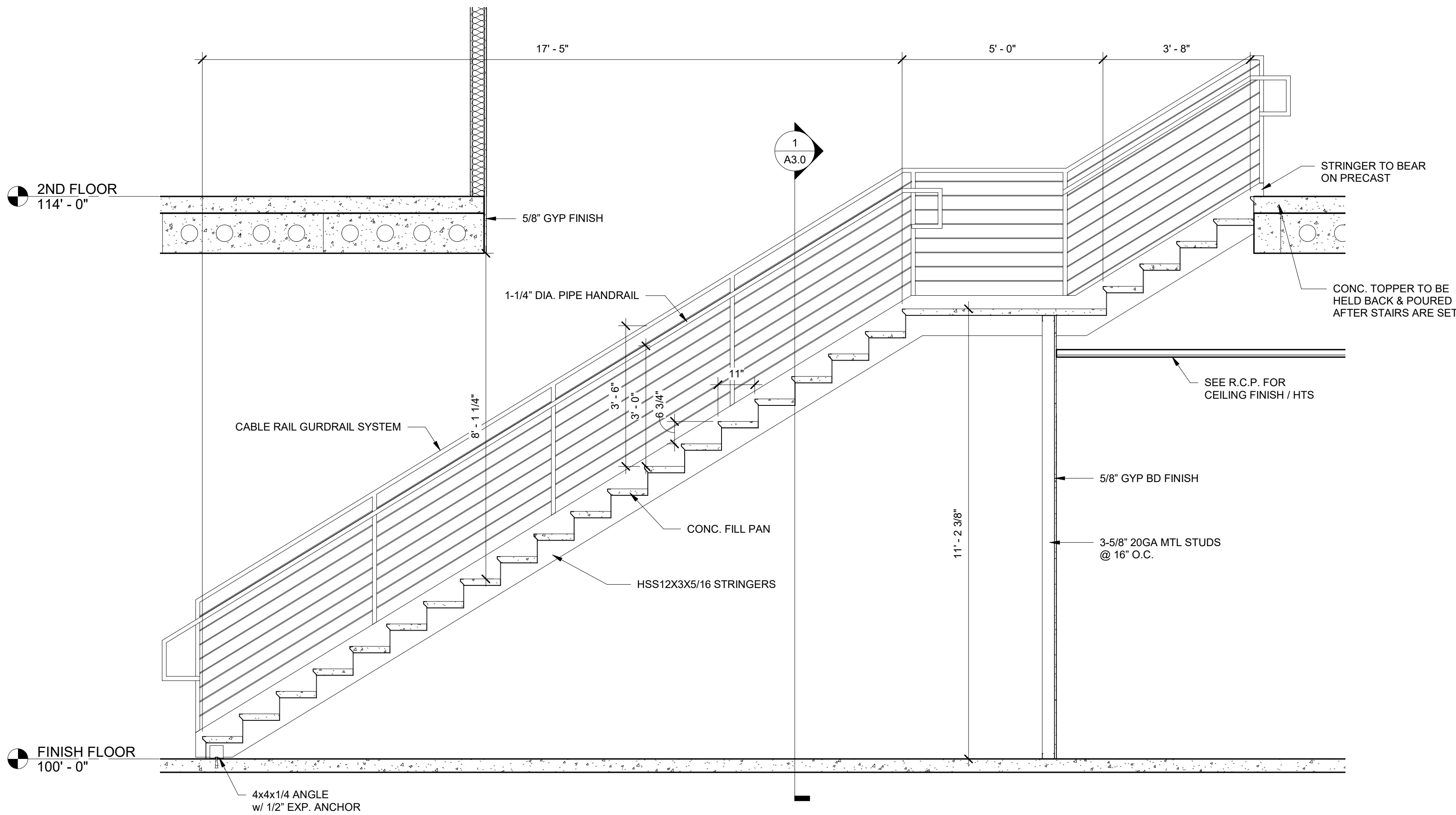
STAIR SECTIONS

A5.0



STAIR SECTION - STAIR 103

1 /A5.0 SCALE = 1/2" = 1'-0"



STAIR SECTION - STAIR 121

2 /A5.0 SCALE = 1/2" = 1'-0"



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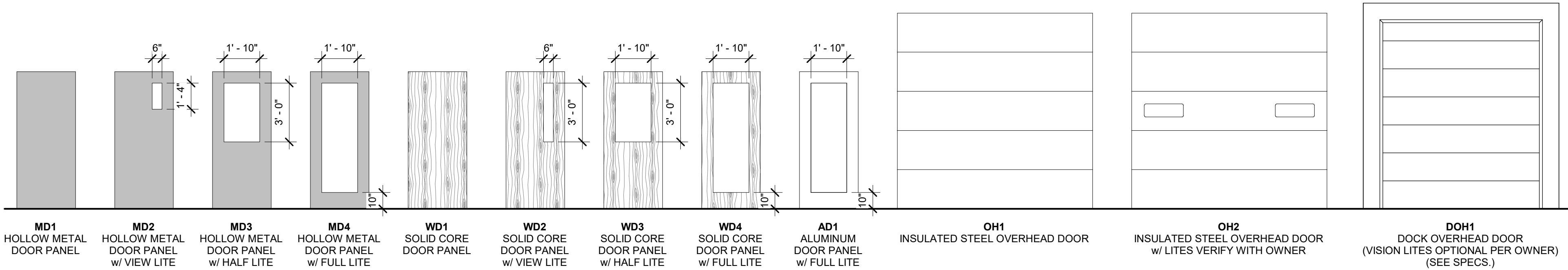
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DOOR SCHEDULE

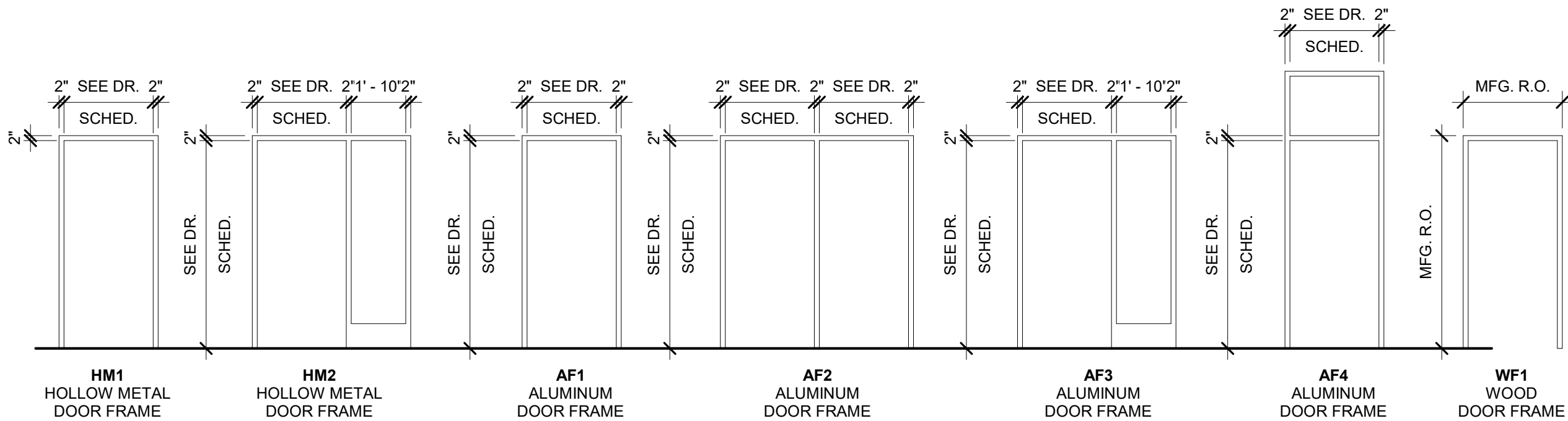
A6.0

DOOR SCHEDULE													
NUMBER	WIDTH	HEIGHT	DOOR TYPE	FRAME TYPE	FIRE RATING	LOCK	PASSAGE	CLOSER	PANIC	PRIVACY	WALL STOP	WEATHER STRIPPING	REMARKS
100.1	3' - 0"	6' - 10"	AD1	AF2	N/A	■		■				■	SEE WINDOW LEGEND FOR FRAME. PUSH/PULL HARDWARE
100.2	3' - 0"	7' - 0"	AD1	AF3	N/A	■	■	■			■	■	INC. PUSH/PULL HARDWARE
103.1	3' - 0"	7' - 0"	MD4	HM1	N/A	■		■			■	■	
103.2	3' - 0"	7' - 0"	AD1	AF1	N/A	■		■				■	INC. ENTRANCE LEVER
104.1	3' - 0"	7' - 0"	MD1	HM1	N/A			■		■			
105.1	3' - 0"	7' - 0"	MD1	HM1	2-HR		■	■				■	
106.1	3' - 0"	7' - 0"	MD1	HM1	N/A		■	■				■	
106.2	3' - 0"	7' - 0"	MD1	HM1	N/A	■		■				■	
107.1	3' - 0"	7' - 0"	MD1	HM1	N/A	■	■	■			■		
107.2	3' - 0"	7' - 0"	MD1	HM1	N/A	■		■	■				
107.3	3' - 0"	7' - 0"	MD1	HM1	N/A	■		■				■	
107.4	14' - 0"	14' - 0"	OH1	-	N/A								OVERHEAD DOOR FRAME, MOTOR, & HARDWARE
107.5	3' - 0"	7' - 0"	MD1	HM1	N/A	■		■				■	
107.6	10' - 0"	10' - 0"	OH1	-	N/A								OVERHEAD DOOR FRAME, MOTOR, & HARDWARE
107.7	3' - 0"	7' - 0"	MD1	HM1	N/A		■	■					
108.1	3' - 0"	7' - 0"	MD1	HM1	N/A			■		■	■		
109.1	3' - 0"	7' - 0"	MD1	HM1	N/A			■					
109.2	3' - 0"	7' - 0"	MD1	HM1	N/A		■	■			■		
110.1	3' - 0"	7' - 0"	MD1	HM1	N/A		■	■			■		
111.1	3' - 0"	7' - 0"	MD1	HM1	N/A		■	■			■		
112.1	3' - 0"	7' - 0"	MD1	HM1	N/A	■		■			■		
112.2	3' - 0"	7' - 0"	MD1	HM1	N/A			■					
113.1	6' - 0"	7' - 0"	MD1 (2 LEAF)	HM1	N/A					■	■		
114.1	3' - 0"	7' - 0"	MD1	HM1	N/A					■	■		
115.1	3' - 0"	7' - 0"	MD1	HM1	N/A					■	■		
116.1	3' - 0"	7' - 0"	MD1	HM1	N/A					■	■		
117.1	3' - 0"	7' - 0"	AD1	AF2	N/A					■	■		
118.1	3' - 0"	7' - 0"	AD1	AF2	N/A					■	■		
119.1	3' - 0"	7' - 0"	AD1	AF2	N/A					■	■		
120.1	3' - 0"	7' - 0"	MD1	HM1	N/A		■	■			■		
120.2	3' - 0"	7' - 0"	MD1	HM1	N/A		■				■		
121.1	3' - 0"	7' - 0"	MD1	HM1	N/A		■				■		
122.1	3' - 0"	7' - 0"	MD1	HM1	N/A	■		■				■	
201.1	3' - 0"	7' - 0"	MD1	HM1	N/A		■				■		
202.1	3' - 0"	7' - 0"	AD1	AF3	N/A		■				■		
202.2	6' - 0"	7' - 0"	MD1 (2 LEAF)	HM1	N/A					■	■		
202.3	3' - 0"	7' - 0"	AD1	AF2	N/A	■		■				■	
203.1	3' - 0"	7' - 0"	MD1	HM1	N/A		■	■			■		
203.2	3' - 0"	7' - 0"	MD1	HM1	N/A		■	■			■		
204.1	3' - 0"	7' - 0"	MD1	HM1	N/A		■	■			■		
204.2	3' - 0"	7' - 0"	MD1	HM1	N/A		■	■			■		
206.1	3' - 0"	7' - 0"	MD1	HM1	N/A		■				■		
207.1	3' - 0"	7' - 0"	MD1	HM1	N/A					■	■		
209.1	3' - 0"	7' - 0"	MD1	HM1	N/A					■	■		
209.2	6' - 0"	7' - 0"	MD1 (2 LEAF)	HM1	N/A					■	■		
ELEV.	1' - 6"	7' - 0"											
ELEV.	1' - 6"	7' - 0"	MD1	HM1									



GENERAL NOTES:

1. ALL WOOD DOOR/ WINDOW & CASINGS SPECIES TO BE OAK U.N.O.





BAYLAND BUILDINGS

P.O. BOX 13571 GREEN BAY, WI 54307
(920) 498-9300 FAX (920) 498-3033
www.baylandbuildings.com

DESIGN & BUILD GENERAL CONTRACTOR

PROPOSED BUILDING FOR:
GRIFFIN ARMAMENT
WATERTOWN, WISCONSIN; COUNTY OF:
JEFFERSON

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL.
ADJUST SCALE ACCORDINGLY.

NOTICE OF COPYRIGHT
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CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY
COMPENSATION TO BAYLAND BUILDINGS, INC.

JOB NUMBER: 22-5181

PROJECT
EXECUTIVE: MATT RITTER

DRAWN BY: CMP / LJP

DATE: 01-09-23

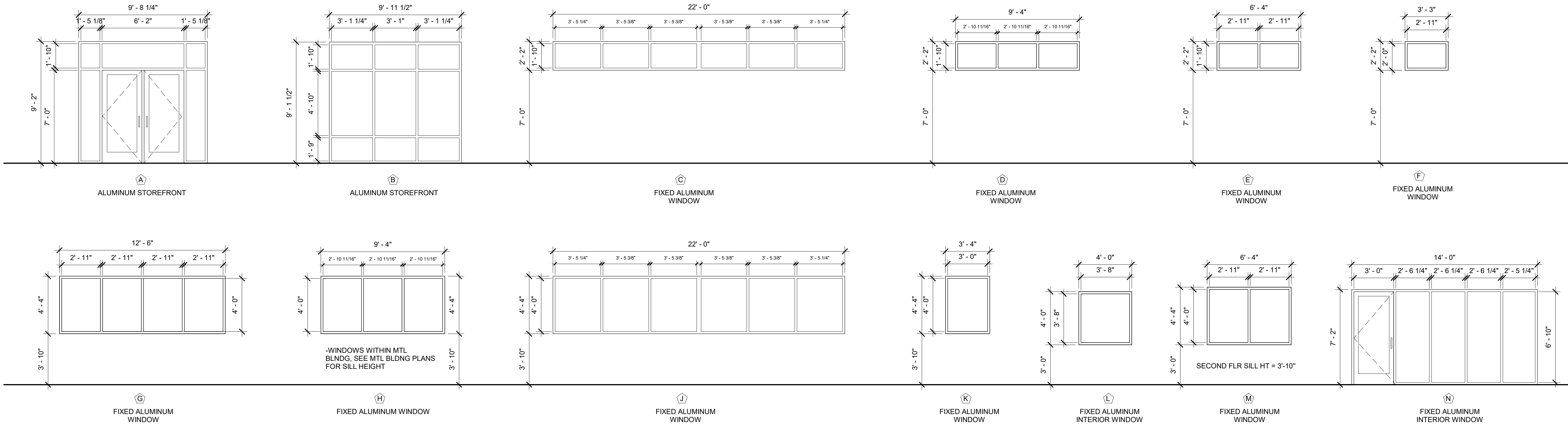
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- ☐ PRELIMINARY
☐ BID SET
☐ DESIGN REVIEW MR/SM/LP 12/19/22
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☐ CONSTRUCTION

WINDOW SCHEDULE

A6.1



GENERAL NOTES:

1. ANY WINDOW GLAZING BELOW 24" NEEDS TO BE TEMPERED OR BE CLASSIFIED AS SAFETY GLAZING PER IBC SECTION 2406 SAFETY GLAZING
2. VERIFY INTERIOR WINDOW SILLS & JAMB FINISH

WINDOW THERMAL PERFORMANCE DATA

PRODUCT: MARVIN MODERN SERIES OR EQ.
GLASS TYPE: LOW-E SMARTSUN (2.2mm ANNEALED GLASS), OR EQUAL
NFRC DIRECTORY #: AND-N-90-00887-00001
U-FACTOR: 0.29 (MIN)
SHGC: 0.19 (MIN)
VT: 0.43 (MIN)



MATERIAL LEGEND

FLOORING FINISH

MARK	DESCRIPTION
CPT-1	FINISH: CARPET TILE MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS: VERIFY
CT-1	FINISH: CERAMIC TILE MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS: VERIFY
LVT-1	FINISH: LUXURY VINYL TILE MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS: VERIFY
CONC-1	FINISH: POLISHED CONCRETE MANUF: VERIFY STYLE: POLISHED COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS: SEALER APPLIED U.N.O.
CONC-2	FINISH: SEALED CONCRETE MANUF: VERIFY STYLE: SMOOTH TROWEL & SEALED COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS: SEALER APPLIED U.N.O.
CONC-3	FINISH: CONCRETE MANUF: VERIFY STYLE: SMOOTH TROWEL COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS: SEALER APPLIED U.N.O.
RSF-1	FINISH: RUBBER SPORTS FLOORING MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS: VERIFY
EXIST-FLR	EXISTING FLOOR FINISH CONDITIONS

STAIR FINISH

MARK	DESCRIPTION
ECS-1	FINISH: EXPOSED CONCRETE STAIR TREADS MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS: VERIFY
RBS-1	FINISH: RUBBER STAIR TREADS MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS: VERIFY

WALL BASE FINISH

MARK	DESCRIPTION
VB-1	FINISH: VINYL BASE MANUF: VERIFY STYLE: 4" HIGH COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS:
CTB-1	FINISH: CERAMIC TILE BASE MANUF: VERIFY STYLE: 4" HIGH COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS:
EXIST-WB	EXISTING WALL BASE FINISH CONDITIONS

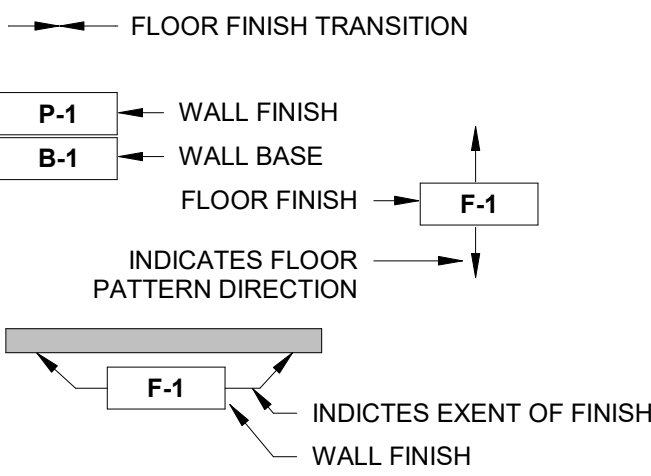
WALL FINISH

MARK	DESCRIPTION
BLS-1	FINISH: BANDED LINER SYSTEM MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS:
P-1	FINISH: PAINTED GYP. BD. MANUF: VERIFY STYLE: <u>VERIFY LEVEL OF FINISH</u> COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS:
P-2	FINISH: PAINTED BLOCK MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS:
LP-1	FINISH: 29 GA LINER PANEL MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS:
FRP-1	FINISH: FRP MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS:
EXP-WF	EXPOSED WALL/ STRUCTURE
EXIST-WF	EXISTING WALL FINISH CONDITIONS

FINISH GENERAL NOTES

- ALL FINISH SELECTIONS IDENTIFIED IN LEGENDS, SCHEDULES, AND SPECIFICATIONS ARE SUBJECT TO 'OR EQUAL' SUBSTITUTIONS U.N.O. FINAL SELECTIONS TO BE SELECTED BY G.C.
- NOTIFY ARCHITECT OF SCHEDULED FINISHES THAT ARE UNAVAILABLE OR DISCONTINUED AT THE EARLIEST OPPORTUNITY SUCH THAT A SUBSTITUTION CAN BE SELECTED WITHOUT JEOPARDIZING THE CONSTRUCTION SCHEDULE.
- REFER TO THE MATERIAL SCHEDULE FOR MANUFACTURER, PRODUCT/STYLE NAME, COLOR SPECIFICATION.
- INSTALL ALL FINISH MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS, SURFACE PREPARATION, ADHESIVES AND BACKINGS: INCLUDING WALLCOVERINGS, COATINGS, FLOORING MATERIALS, LAMINATES, ETC.
- THE CONTRACTOR SHALL REPAIR ALL ROUGH FLOOR SLAB UNEVENNESS SUITABLE FOR PROPER FLOOR COVERING INSTALLATION.
- FLOOR MATERIAL TRANSITIONS AT DOOR OPENINGS ARE TO BE CENTERED BELOW THE DOOR IN THE CLOSED POSITION, U.N.O.
- THE PAINTING SUBCONTRACTOR SHALL ENSURE THAT ALL PAINTS COMPLY WITH THE MUNICIPAL & STATE CODES AND BUILDING REGULATIONS FOR LOW VOC EMISSIONS.
- ELECTRICAL SWITCH AND OUTLET COVER PLATES, SURFACE HARDWARE, ETC. SHALL BE INSTALLED AFTER PAINTING AND/OR APPLICATION OF WALL COVERINGS AND SPECIFIED CARPET. STAINED AND PAINTED SURFACES SHALL BE FINISHED SUCH THAT JOINTS/IMPERFECTIONS ARE NOT VISIBLE.
- CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES IN THE FIELD. GC TO GET CLARIFICATION FROM ARCHITECT BEFORE CONTINUING WITH ANY WORK.
- PROVIDE VINYL TRANSITION STRIPS AT ALL FLOORING MATERIAL CHANGES, U.N.O. REFER TO PLAN FOR DETAIL LOCATIONS.
- HARD FLOORING GROUT IS TO BE SEALED WITH MANUFACTURER'S RECOMMENDED SEALERS.
- RUBBER/VINYL BASE SHALL BE STRAIGHT BASE AT ALL LOCATIONS FOR CARPET AND COVE BASE AT TILE AND RESILIENT FLOORS.
- ALL ELECTRICAL PANELS IN THE CORRIDORS SHALL BE PAINTED TO MATCH THE ADJACENT WALL FINISH U.N.O.
- PAINT CEILING ACCESS PANELS TO MATCH ADJACENT CEILING FINISH.
- UNDERSIDE OF SOFFITS (WHERE OCCURS) TO BE PAINTED TO RECEIVE FINISH TO MATCH WALL, U.N.O.
- FINISH FLOORING TO EXTEND FROM WALL TO WALL INCLUDING UNDER CABINETS AND UNDERCABINET EQUIPMENT.
- ALL INTERIOR WALL & CEILING FINISHES AND TRIM OF PUBLIC AREAS TO COMPLY WITH CLASS A MATERIAL CLASSIFICATION; FLAME SPREAD RATING 0 TO 25, SMOKE DEVELOPED 200. ALL INTERIOR WALL AND CEILING FINISHES AND TRIM IN NON PUBLIC AREAS TO COMPLY WITH CLASS B MATERIAL CLASSIFICATION; FLAME SPREAD RATING 26-75, SMOKE DEVELOPED 450.
- ALL PAINTED SURFACES ARE TO RECEIVE A PRIME COAT AND A MINIMUM OF TWO COATS FINAL COLOR, U.N.O.
- CARPET CONTRACTOR SHALL VERIFY THAT ALL CARPET OF EACH VARIETY IS TO BE SHIPPED FROM THE SAME DYE-LOT.
- ALL WALLS PAINTED WITH A LATEX PAINT TO HAVE AN EGGSHELL FINISH, U.N.O. REFER TO THE MATERIAL SCHEDULE AND FINISH LEGEND FOR MANUFACTURER'S PRODUCT NAME.
- GYPSUM BOARD CEILINGS SCHEDULED TO RECEIVE PAINT SHALL HAVE A FLAT FINISH, U.N.O.
- PROVIDE ARCHITECT WITH A MINIMUM OF (3) 8" X 10" BRUSH-OUTS OF EACH COLOR AND FINISH FOR ARCHITECT'S APPROVAL PRIOR TO APPLICATION.
- PAINTS AND COATINGS : APPLIED TO INTERIOR WALLS AND CEILINGS MUST NOT EXCEED THE VOLATILE ORGANIC COMPOUND (VOC) CONTENT LIMITS ESTABLISHED IN GREEN SEAL STANDARD GS-11, PAINTS, 1ST EDITION, MAY 20, 1993.
- ANTI-CORROSIVE AND ANTI-RUST PAINTS: APPLIED TO INTERIOR FERROUS METAL SUBSTRATES MUST NOT EXCEED THE VOC CONTENT LIMIT OF 250 G/L ESTABLISHED IN GREEN SEAL STANDARD GC-03, ANTI-CORROSIVE PAINTS, 2ND EDITION, JANUARY 7, 1997.
- CLEAR WOOD FINISHES, FLOOR COATINGS, STAINS, PRIMERS, SEALERS, AND SHELLACS: APPLIED TO INTERIOR ELEMENTS MUST NOT EXCEED THE VOC CONTENT LIMITS ESTABLISHED FOR THOSE COATING TYPES IN SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQM) RULE 1113, ARCHITECTURAL COATINGS, AMENDED FEBRUARY 5, 2016.

FINISH PLAN LEGEND



FINISH PLAN KEYNOTES

- NO FINISH WORK IN THIS AREA.
- CARPET TO BE INSET WITHIN CERAMIC TILE. VERIFY DIMS. AS SHOWN. PROVIDE 1/8" THICK ZINC TRANSITION STRIP BETWEEN CERAMIC TILE AND CARPET. FEATHER FLOORING BENEATH CARPET AS REQUIRED FOR A SMOOTH TRANSITION.
- PROVIDE VINYL STRIP AT CARPET TO VINYL TRANSITION. SUBMIT COLOR SAMPLES TO ARCHITECT FOR APPROVAL.
- PATH/EXTEND FINISHES WITHIN COMMON CORRIDOR. ANY NEW FLOOR AND/OR WALL FINISHES TO MATCH EXISTING FOR A SEAMLESS TRANSITION.

FLOOR PLAN - FIRST FLOOR FINISH PLAN

1 /A6.2 SCALE = 3/32" = 1'-0"



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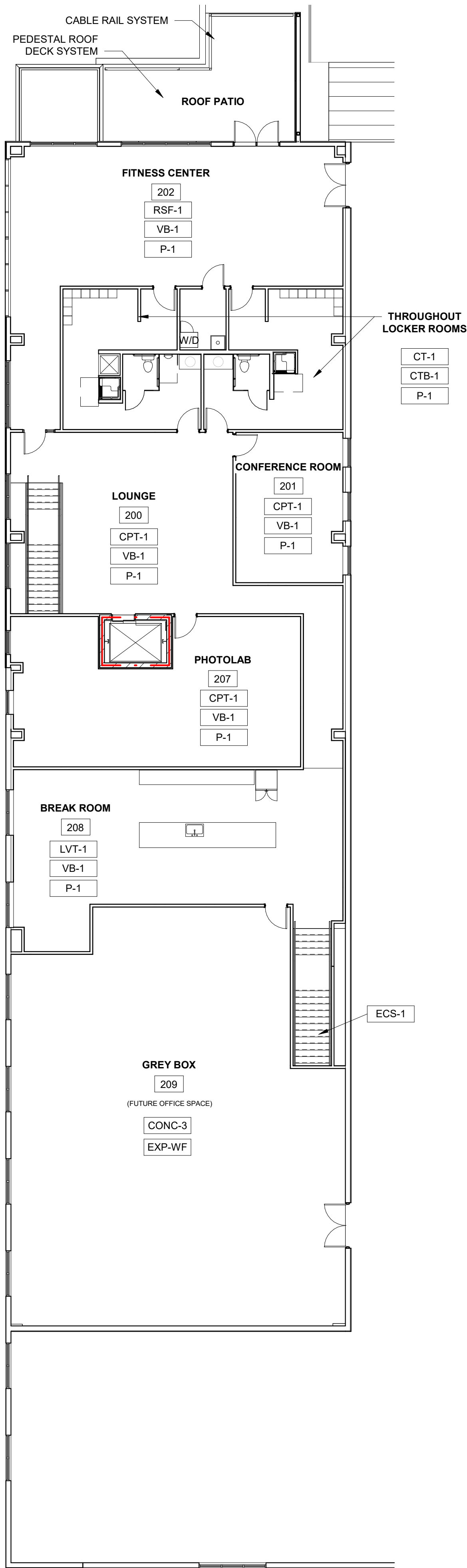
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FIRST FLOOR FINISH PLAN

A6.2



FLOOR PLAN - SECOND FLOOR FINISH PLAN
1 /A6.3 SCALE = 3/32" = 1'-0"



MATERIAL LEGEND

FLOORING FINISH

MARK	DESCRIPTION
CPT-1	FINISH: CARPET TILE MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS: VERIFY
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EXIST-FLR	EXISTING FLOOR FINISH CONDITIONS

STAIR FINISH

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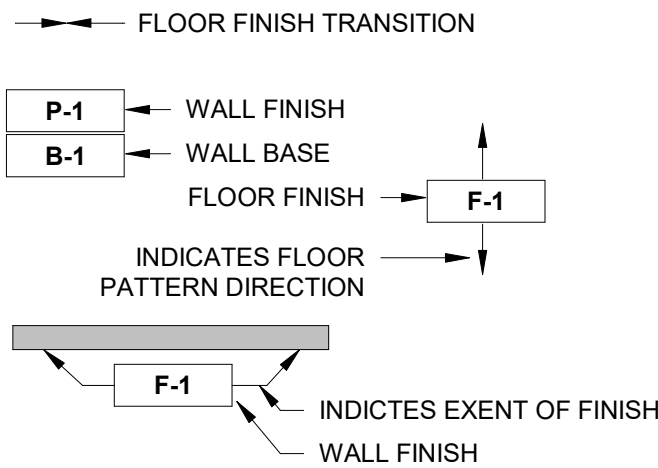
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FRP-1	FINISH: FRP MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS:
EXP-WF	EXPOSED WALL STRUCTURE
EXIST-WF	EXISTING WALL FINISH CONDITIONS

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- PAINT CEILING ACCESS PANELS TO MATCH ADJACENT CEILING FINISH.
- UNDERSIDE OF SOFFITS (WHERE OCCURS) TO BE PAINTED TO RECEIVE FINISH TO MATCH WALL, U.N.O.
- FINISH FLOORING TO EXTEND FROM WALL TO WALL INCLUDING UNDER CABINETS AND UNDERCABINET EQUIPMENT.
- ALL INTERIOR WALL & CEILING FINISHES AND TRIM OF PUBLIC AREAS TO COMPLY WITH CLASS A MATERIAL CLASSIFICATION; FLAME SPREAD RATING 0 TO 25, SMOKE DEVELOPED 200. ALL INTERIOR WALL AND CEILING FINISHES AND TRIM IN NON PUBLIC AREAS TO COMPLY WITH CLASS B MATERIAL CLASSIFICATION; FLAME SPREAD RATING 26-75, SMOKE DEVELOPED 450.
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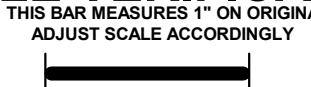
FINISH PLAN LEGEND



FINISH PLAN KEYNOTES

- NO FINISH WORK IN THIS AREA.
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- PROVIDE 1/8" THICK ZINC TRANSITION STRIP BETWEEN CERAMIC TILE AND CARPET. FEATHER FLOORING BENEATH CARPET AS REQUIRED FOR A SMOOTH TRANSITION.
- PROVIDE VINYL STRIP AT CARPET TO VINYL TRANSITION. SUBMIT COLOR SAMPLES TO ARCHITECT FOR APPROVAL.
- PATH/EXTEND FINISHES WITHIN COMMON CORRIDOR. ANY NEW FLOOR AND/OR WALL FINISHES TO MATCH EXISTING FOR A SEAMLESS TRANSITION.

SCALE VERIFICATION



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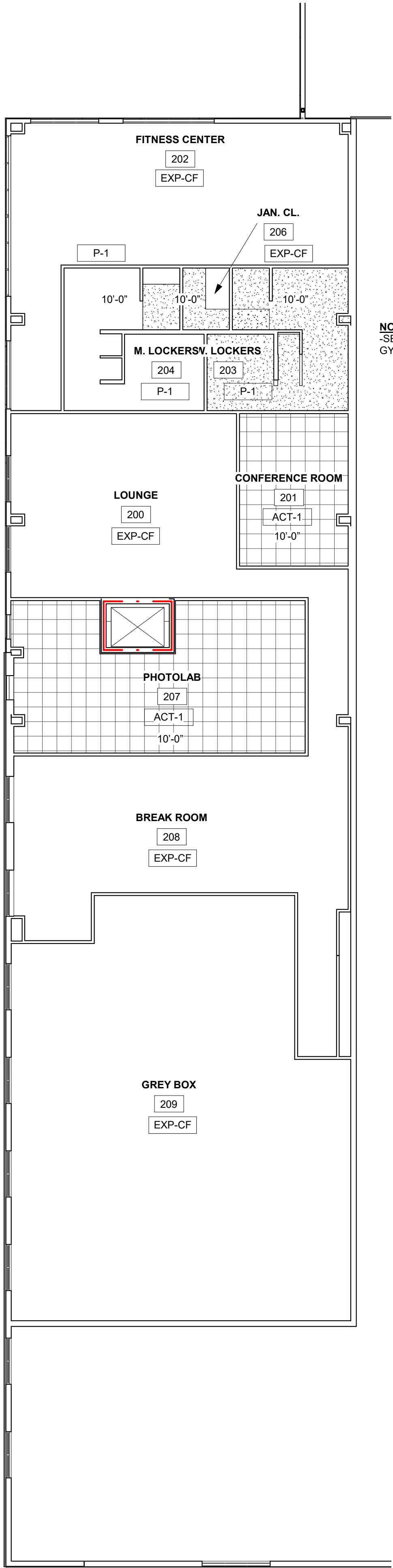
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SECOND FLOOR FINISH PLAN



REFLECTED CEILING PLAN - FIRST FLOOR

1 /A6.4 SCALE = 3/32" = 1'-0"



REFLECTED CEILING PLAN - SECOND FLOOR

2 /A6.4 SCALE = 3/32" = 1'-0"

CEILING LEGEND

MARK	DESCRIPTION
P-1	FINISH: PAINTED GYP. BD. MANUF: VERIFY STYLE: <u>VERIFY LEVEL OF FINISH</u> COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS:
ACT-1	FINISH: SUSPENDED ACOUSTICAL CEILING SYSTEM MANUF: VERIFY STYLE: 2x2 STANDARD REVEALED EDGE COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS:
AP-1	FINISH: CEILING MOUNTED ACOUSTICAL PANEL MANUF: VERIFY STYLE: VERIFY COLOR: VERIFY INSTALLATION METHOD: VERIFY REMARKS: 50% CEILING AREA COVERAGE
EXP-CF	EXPOSED CEILING/ STRUCTURE
EXIST-CF	EXISTING CEILING FINISH CONDITIONS



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REFLECTED CEILING PLANS

A6.4



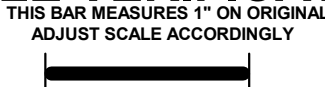
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CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY
COMPENSATION TO BAYLAND BUILDINGS, INC.

JOB NUMBER: 22-5181

PROJECT
EXECUTIVE: MATT RITTER

DRAWN BY: CMP / LJP

DATE: 01-09-23

REVISIONS:

ISSUED FOR: CHECKED DATE:
BY:

- ☐ PRELIMINARY
☐ BID SET
☐ DESIGN REVIEW MR/SM/LP 12/19/22
☒ CHECKSET
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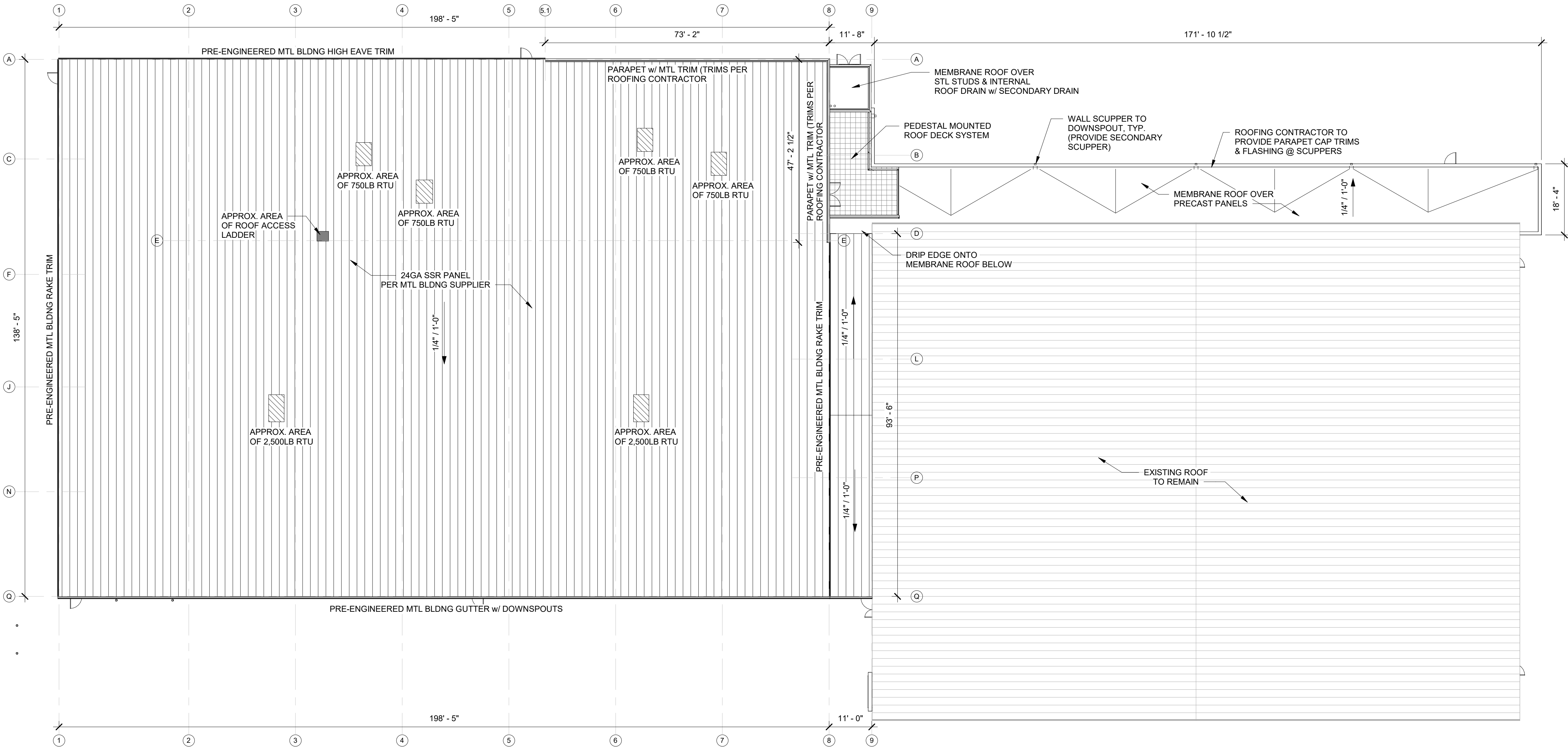
ROOF PLAN

ROOF PLAN - OVERALL PLAN

1/A8.0 SCALE = 1/16" = 1'-0"



A8.0



STRUCTURAL DESIGN

GOVERNING CODES			
2015 INTERNATIONAL BUILDING CODE ASCE 7-10			
ROOF SNOW LOAD			
GROUND SNOW LOAD (Pg)			30 PSF
FLAT ROOF SNOW LOAD (Pf)			21 PSF
SNOW EXPOSURE FACTOR (Ce)			1.0
SNOW IMPORTANCE FACTOR (Is)			1.0 (RISK CATEGORY II)
THERMAL FACTOR (Ci)			1.0
COLD ROOF SLOPE FACTOR (Cs)			1.0
UNBALANCED SNOW LOADING			
SNOW DRIFT LOADING			SEE LOADING PLAN
SLIDING SNOW LOADING			SEE LOADING PLAN
ROOF LIVE LOAD			
MINIMUM ROOF LIVE LOAD			20 PSF
ROOF DEAD LOAD			
PRE-ENGINEERED METAL BUILDING	ROOF STEEL, SECONDARY, INSULATION		4 PSF
	COLLATERAL		5 PSF
PRECAST ROOF	ROOF PLANK, INSULATION		65 PSF
	COLLATERAL		5 PSF
MEZANNINES AND FLOORS			
PRECAST FLOOR	LIVE LOAD	OFFICE	80 PSF
	DEAD LOAD	PLANK, TOPPER	135 PSF
	COLLATERAL		5 PSF
	DEFLECTION REQUIREMENTS (MIN.)		L/360 LL, L/240 TL
STAIRS AND EXITS			
LIVE LOAD			100 PSF
DEAD LOAD	CONCRETE FILLED PANS		30 PSF
DEFLECTION REQUIREMENTS (MIN.)			L/360 LL, L/240 TL
LATERAL			
WIND LOADS	BASIC WIND SPEED = 115 MPH (RISK CATEGORY II)		
	WIND EXPOSURE = C		
	INTERNAL PRESSURE COEFFICIENT = + OR - 0.18		
	COMPONENT AND CLADDING PRESSURES/SUCTIONS FOR EFFECTIVE AREAS <= 10 S.F. AS FOLLOWS:		
		ROOF ZONE 1 PRESSURE = 16 PSF, SUCTION = -29.86 PSF	
SEISMIC	ROOF ZONE 2 PRESSURE = 16 PSF, SUCTION = -35.39 PSF		
	ROOF ZONE 3 PRESSURE = 16 PSF, SUCTION = -35.39 PSF		
	WALL ZONE 4 PRESSURE = 22.39 PSF, SUCTION = -24.88 PSF		
	WALL ZONE 5 PRESSURE = 22.39 PSF, SUCTION = -24.88 PSF		
	SEISMIC IMPORTANCE FACTOR, Ie = 1.0 (RISK CATEGORY = II)		
FOUNDATIONS	GROUND MOTION	S(S) = 0.083	S(1) = 0.045
	SITE CLASS = D		
	SEISMIC DESIGN CATEGORY = B		
DESIGN SOIL BEARING CAPACITY			
			2000 PSF

1. STRUCTURAL STEEL WORK SHALL CONFORM TO THE FOLLOWING:
AISC: "SPECIFICATION FOR DESIGN, FABRICATION AND ERECTION OF STEEL FOR BUILDINGS".
AISC: "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".
AWS D1.1: "STRUCTURAL WELDING CODE - STEEL".
AISC: "STRUCTURAL STEEL DETAILING MANUAL".
2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:
HOT ROLLED WIDE-FLANGE: ASTM A992 (Fy=50 KSI)
ALL OTHER STRUCTURAL SHAPES AND PLATES: ASTM A36 (Fy=36KSI)
STRUCTURAL STEEL PIPE: ASTM A53 GRADE B (Fy=35 KSI),
TUBULAR STEEL: ASTM A500 GRADE B (Fy=46 KSI)
HIGH STRENGTH BOLTS: ASTM A325N (BEARING) ASTM A325F (FRICTION)
ANCHOR BOLTS: ASTM A307 OR A36
3. PROVIDE 2 MIL THICK RED OR GREY OXIDE PRIMER ON ALL STEEL SURFACES UNLESS NOTED OTHERWISE
4. ANCHOR BOLTS SHALL BE PRESET WITH TEMPLATES AT REQUIRED LOCATIONS.
5. LEVELING PLATES AND BEARING PLATES SHALL BE SET IN FULL BED OF NON-SHRINK GROUT
6. CONNECTIONS MAY BE EITHER BOLTED OR WELDED AT THE FABRICATOR'S OPTION.BOLTED CONNECTIONS SHALL BE AS FOLLOWS:
MINIMUM BOLT DIAMETER: 3/4"
SHEAR CONNECTIONS FOR MOMENT CONNECTED MEMBERS: FRICTION TYPE
HIGH STRENGTH BOLTS IN SINGLE OR DOUBLE SHEAR.
SHEAR CONNECTIONS FOR OTHER MEMBERS: BEARING TYPE HIGH STRENGTH BOLTS IN SINGLE OR DOUBLE SHEAR. SIMPLE SHEAR CONNECTIONS SHALL BE CAPABLE OF END ROTATION PER AISC REQUIREMENTS FOR "UNRESTRAINED MEMBERS".
7. ALL BEAM CONNECTIONS NOT DETAILED, SHALL SUPPORT 1/2 THE TOTAL UNIFORM LOAD CAPACITY FOR THE GIVEN BEAM AND SPAN OR THE INDICATED REACTION, WHICHEVER IS GREATER. CONNECTIONS SHALL GENERALLY FOLLOW THE TYPES SHOWN IN THE "AISC MANUAL OF STEEL CONSTRUCTION", TABLE II, II, OR X.
8. WELDS SHALL FULLY DEVELOP STRENGTH OF THE MATERIALS BEING WELDED, UNLESS NOTED OTHERWISE, EXCEPT THAT FILLET WELDS SHALL BE A MINIMUM 3/16".
9. WELDED CONNECTIONS SHALL BE MADE BY APPROVED CERTIFIED WELDERS USING FILLER METAL CONFORMING TO E70XX.
10. CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING AND SUPPORTS TO HOLD STRUCTURAL STEEL FRAMING SECURELY IN POSITION. TEMPORARY BRACING SHALL REMAIN UNTIL THE PERMANENT LATERAL BRACING HAS BEEN INSTALLED AND AND THE CONCRETE FOR FLOOR SLABS HAS ATTAINED 75% OF ITS REQUIRED STRENGTH.
11. STRUCTURAL STEEL FRAMING SHALL BE TRUE AND PLUMB BEFORE FINAL BOLTING OR WELDING OF CONNECTIONS.
12. CONTRACTOR SHALL NOT MODIFY OR CUT ANY STRUCTURAL STEEL WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.
13. CONTRACTOR SHALL FIELD TOUCH UP ALL ABRASIONS, BURNS AND SIMILAR DEFECTS IN PAINT OF THE STRUCTURAL STEEL, JOISTS AND STEEL DECK.
14. COMPOSITE BEAMS, NOTED (S.C.) STEEL SECTION DEPTH = D (INCH); Rc = REQUIRED REACTION CAPACITY FOR COMPOSITE BEAMS; R = UNIFORM LOAD CONSTANT BEAM REACTION.
- FOR D > OR = 24" Rc = 1.5R.
- FOR D > OR = 21"; BUT LESS THAN 24" Rc = 1.75R.
- FOR D > OR = 14"; BUT LESS THAN 21" Rc = 2.0R.
- FOR D LESS THAN 14" Rc = 2.25R.

5 /S0.1 STRUCTURAL STEEL NOTES N.T.S.

- MASONRY
1. ALL REINFORCED CONCRETE MASONRY MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE FOLLOWING:
ACI 530.1-95/ASCE 6-95/TMS 602-95 "SPECIFICATIONS FOR MASONRY STRUCTURES"
ACI 530-95/ASCE 5-95/TMS 402-95 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES"
2. CONCRETE BLOCK SHALL CONFORM TO ASTM C-90. THE REQUIRED STRENGTH ON THE NET CROSS SECTIONAL AREA OF THE CONCRETE BLOCK SHALL BE 2,500 PSI.
3. MORTAR SHALL BE TYPE M OR S, CONFORMING TO ASTM C270.
4. GROUT SHALL CONFORM TO ASTM C476. GROUT MAY BE PLACED BY THE "HIGH LIFT" METHOD, CONFORMING TO THE GROUTING PATTERNS REQUIRED BY THE CONTRACT DRAWINGS.
5. THE REQUIRED MINIMUM 28-DAY COMPRESSIVE STRENGTH OF THE COMBINATION OF CONCRETE BLOCK, GROUT AND MORTAR ON THE NET AREA OF THE WALL (F'm) SHALL BE MINIMUM OF 1,830 PSI.
6. ALL CONCRETE BLOCK MASONRY UNITS SHALL BE LAID IN RUNNING BOND UNLESS NOTED OTHERWISE.
7. MASONRY BLOCK CELLS CONTAINING VERTICAL REINFORCING SHALL BE GROUTED SOLID. FILLING CELLS WITH MORTAR IS UNACCEPTABLE.
8. THE BASE OF EACH CELL IN WHICH A BAR IS PLACED, MUST HAVE A CLEANOUT HOLE.
9. REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60. VERTICAL REINFORCING BARS SHALL BE LAPPED A MINIMUM OF 48 BAR DIAMETERS.
10. PROVIDE CONTINUOUS REINFORCED BOND-BEAMS IN ALL REINFORCED MASONRY WALLS AT TOPS OF WALLS, IMMEDIATELY BELOW STEEL BEARINGS AND WHEREVER CALLED FOR IN CONTRACT DRAWINGS. BOND BEAM REINFORCING SHALL EXTEND INTO AND BE CONTINUOUS WITH ALL INTERSECTING BOND BEAMS.
11. REINFORCED MASONRY WALLS SHALL HAVE #9 GAUGE (TRUSS TYPE) HORIZONTAL REINFORCING AT SPACING AS NOTED ON THE CONTRACT DRAWINGS, BUT AT A MAXIMUM OF 16" O.C.
12. FILL CORES OF MASONRY UNDER ALL BEARING PLATES FOR A WIDTH EQUAL TO THREE TIMES THE BEARING PLATE LENGTH FOR THREE COURSES BELOW BEARING.
13. ANCHORED MASONRY VENEER SHALL COMPLY WITH ACI 530/ASCE 5/TMS 402. SPACE ANCHORS AT A MAXIMUM OF 32" HORIZONTALLY AND 18" VERTICALLY. PROVIDE ADDITIONAL ANCHORS AROUND ALL OPENINGS LARGER THAN 16" IN EITHER DIMENSION. SPACE ANCHORS MAX 3' O.C WITH 12" OF OPENING.
14. HOLLOW CONCRETE BLOCK UNITS, GRADEN, f'm= 2,000 PSI
15. GROUT = 2,000 PSI.
16. MORTAR = TYPE S = 2,000 PSI ABOVE GRADE
MORTAR = TYPE M = 2,500 PSI BELOW GRADE
17. JOINT REINFORCEMENT - NEW MASONRY WALLS TO BE REINFORCED W/ 9 GAUGE DUR-O-WAL EVERY OTHER BLOCK COURSE.
18. SEE PLANS FOR VERTICAL MASONRY CONTROL JOINT LOCATIONS (V.M.C.J.) (U.N.O. SPACE 24'-0" O.C. OR 1.5 TIMES WALL HT (WHICHEVER IS LESS), 10' FROM CORNERS, UNLESS NOTED OTHERWISE)
19. MAXIMUM GROUT LIFT WITHOUT CLEAN-OUTS = 4'-0" MAXIMUM GROUT LIFT WITH CLEAN-OUTS = 8'-0"
20. SEE ARCHITECTURAL PLANS FOR REQUIRED FIRE RATINGS.
21. PROVIDE BOND BEAM W/ 2-#4 CONT. AT TOP OF MASONRY WALLS (U.N.O.)
22. ALL VERTICAL REINFORCING SHALL BE CONTINUOUS GROUTED IN CELLS
23. CHECK ELECTRICAL PLANS TO LOCATE ANY ELECTRICAL CONDUIT TO BE INSTALLED IN MASONRY CORE.
24. FULL MORTAR BED JOINTS ARE REQUIRED. TYPICAL.
25. ON EXTERIOR WALLS, PROVIDE WEEP HOLES, TO THE EXTERIOR ABOVE LINTELS AND AT BOTTOM OF WALL.
26. PROVIDE SPECIAL BLOCKS AT CORNERS, LINTELS, JAMBS, AND WALL ENDS.
27. SEE MASONRY DETAILS BELOW.
28. VENEER LINTEL:

SPAN	MEMBER	BRG
7'-4"	L3-1/2"x3-1/2"x5/16" LLV	6"
9'-0"	L5"x3-1/2"x5/16" LLV	8"
10'-0"	L6"x3-1/2"x5/16" LLV	8"
12'-0"	L6"x4"x5/16" LLV	8"
14'-0"	L7"x4"x5/16" LLV	8"
16'-0"	L8"x4"x1/2" LLV	8"

6 /S0.1 MASONRY NOTES N.T.S.

1. CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING STANDARDS:
ACI 301 - "SPECIFICATIONS FOR STRUCTURAL CONCRETE"
ACI MCP - "MANUAL OF CONCRETE PRACTICE"
ACI 318 - "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
ACI 318.1 - "BUILDING CODE REQUIREMENTS FOR STRUCTURAL PLAIN CONCRETE"
2. CONCRETE SHALL HAVE A MINIMUM 28-DAY ULTIMATE COMPRESSIVE STRENGTH AS FOLLOWS (U.N.O.):
STRUCTURAL SLABS: 4,000 PSI
SLABS-ON-GRADE: 4,000 PSI
FOOTINGS AND WALL: 4,000 PSI
PRECAST CONCRETE: 5,000 PSI
EXTERIOR EXPOSED CONCRETE: 4,000 PSI
3. CONCRETE MIX DESIGN (INCLUDING AGGREGATE SIZE, WATER/CEMENT RATIO, AIR ENTRAINMENT, ADMXTURES AND SLUMP) SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF ANY WORK.
MAXIMUM WATER/CEMENT RATIO IS:
0.50 FOR SLABS ON GRADE
0.54 FOR BELOW GRADE CONCRETE
0.48 FOR EXPOSED CONCRETE
4. CONCRETE TO BE EXPOSED TO THE WEATHER SHALL HAVE AIR-ENTRAINING ADMIXTURE AS REQUIRED TO PROVIDE 4-6% AIR ENTRAINMENT.
5. CONCRETE STRENGTH SHALL BE EVALUATED ACCORDING TO METHOD 1 OR METHOD 2 AS PRESCRIBED IN ACI 301. THE RESULTS OF THESE ANALYSES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ANY WORK.
6. CONTRACTOR SHALL MAKE PROVISIONS TO CAST FOUR TEST CYLINDERS FOR EACH 50 CUBIC YARDS OF CONCRETE PLACED OR FOR ANY ONE DAY'S CONFORMANCE TO ASTM C31 AND TESTING SPECIMENS IN CONFORMANCE TO ASTM C39.
7. CONSTRUCTION JOINTS SHOWN ON THE CONTRACT DRAWINGS SHALL NOT BE ALTERED WITHOUT WRITTEN APPROVAL OF THE SUPERVISING PROFESSIONAL.
8. DRAWINGS SHOWING THE LOCATION OF CONSTRUCTION JOINTS, CONTROL JOINTS AND PLACING SEQUENCE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO THE PREPARATION OF REINFORCING SHOP DRAWINGS.
9. GROUT USED TO SET PLATES SHALL BE NON-SHRINK AND NON-METALLIC.
10. CONTRACTOR SHALL USE SMOOTH FORMS FOR EXPOSED CONCRETE SURFACES. BOARD FORMS MAY BE USED FOR UNEXPOSED CONCRETE SURFACES. EARTH FORMS ARE FORBIDDEN.
11. PROVIDE A MINIMUM OF 6" COMPACTED GRANULAR FILL UNDER ALL SLABS-ON-GRADE.
12. FLATWORK SUBCONTRACTOR SHALL SUBMIT FLOOR SLAB PLACEMENT SEQUENCE TO ENGINEER FOR APPROVAL PRIOR TO BEGINNING WORK.

1 /S0.1 CONCRETE NOTES N.T.S.

1. FOUNDATION WORK FOR THIS PROJECT SHALL CONSIT OF SPREAD FOOTINGS, CONTINUOUS WALL FOOTING AND SLABS-ON-GRADE
2. FOUNDATIONS ARE DESIGNED TO BE SUPPORTED ON APPROVED EXISTING SUBGRADE OR AN APPROVED COMPACTED STRUCTURAL FILL HAVING A PRESUMED BEARING CAPACITY OF 2000 PSF.
3. ALL EXTERIOR FOUNDATIONS SHALL BEAR ON APPROVED SUBGRADE AT A MINIMUM DEPTH OF 4'-0" BELOW ADJACENT FINISH EXTERIOR GRADE.
4. FOOTING ELEVATIONS SHOWN ON THE DRAWINGS REPRESENT ESTIMATED DEPTHS AND ARE NOT TO BE CONSTRUED AS LIMITING THE AMOUNT OF EXCAVATION REQUIRED TO REACH SUITABLE BEARING MATERIAL.
5. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS AS REQUIRED TO PREVENT HORIZONTAL MOVEMENT OR VERTICAL SETTLEMENT WHICH WILL ENDANGER ADJACENT STRUCTURES, STREETS OR UTILITIES.
6. CONTRACTOR SHALL PROVIDE CONTROL OF SURFACE AND SUBSURFACE WATER PROMPTLY TO INSURE THAT ALL FOUNDATION WORK IS DONE IN THE DRY.
7. NO FOUNDATION(S) SHALL BE PLACED ON FROZEN SUBGRADE
8. PROTECT IN-PLACE FOUNDATIONS AND SLABS-ON-GRADE FROM FROST PENETRATION UNTIL THE PROJECT IS COMPLETE.
9. FOUNDATION WALLS SHALL BE BRACED DURING BACKFILLING AND COMPACTION OPERATIONS. BRACING SHALL BE LEFT IN POSITION UNTIL PERMANENT STRUCTURAL SUPPORT SYSTEM IS INSTALLED AND APPROVED BY ENGINEER.
10. BACKFILLING SHALL BE DONE SIMULTANEOUSLY ON BOTH SIDES OF WALL.

2 /S0.1 FOUNDATION NOTES N.T.S.

1. DETAILING, FABRICATION AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO THE FOLLOWING:
ACI 315 - "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT"
ACI 318 - "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
MSP2 - "CRSI MANUAL OF STANDARD PRACTICE"
AWS D1.4 - "STRUCTURAL WELDING CODE - REINFORCING STEEL"
WRI - "WELDED WIRE FABRIC MANUAL OF STANDARD PRACTICE"
2. STEEL REINFORCING BARS SHALL CONFORM TO ASTM A615 (GRADE 60), DEFORMED WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
3. REINFORCEMENT FABRICATOR SHALL PROVIDE AN SCHEDULE ON SHOP DRAWINGS ALL REQUIRED REINFORCING STEEL AND THE NECESSARY ACCESSORIES TO HOLD REINFORCEMENT SECURELY IN PLACE AT THE CORRECT LOCATIONS.
4. CLEARANCES FOR REINFORCEMENT - CONCRETE PLACED DIRECTLY ON EARTH (FOOTINGS, SLABS, ETC.) 3" FROM BOTTOM. ALL OTHER CONCRETE PROVIDE 2" CLEAR TO REINFORCING.
5. SUBCONTRACTOR SHALL REFER TO TYPICAL DETAILS SHOWN ON CONTRACT DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
6. WHERE REINFORCEMENT IS REQUIRED IN SECTIONS, REINFORCEMENT IS CONSIDERED TYPICAL WHEREVER SECTION APPLIES.
7. WELDED WIRE FABRIC SHALL LAP A MINIMUM OF 6" AND BE TIED TOGETHER.
8. CONTRACTOR SHALL NOTIFY ENGINEER OF COMPLETION OF REINFORCEMENT INSTALLATION AND ALLOW AT LEAST 24 HOURS BEFORE SCHEDULED CONCRETE PLACEMENT FOR ENGINEER TO INSPECT REINFORCEMENT.

3 /S0.1 REINFORCEMENT NOTES N.T.S.

1. ALL COLD FORMED STRUCTURAL MATERIAL AND WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING:
AISI "SPECIFICATIONS FOR THE DESIGN OF LIGHT-GAUGE COLD-FORMED STEEL STRUCUTURAL MEMBERS"
AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"
2. COLD FORMED STEEL SHALL CONFORM TO THE FOLLOWING:
LIGHT GAUGE STUDS, JOISTS, TRACKS AND ACCESORIES; ASTM A 653/653 M, 680 GALVANIZED.
ASTM A653 COLD FORMED GALVANIZED LIGHT GAUGE FRAMING MEMBERS. STUDS AND JOISTS SHALL BE CHANNEL SHAPED WITH LIPPED FLANGES. PUNCHED WEB, SIZE, GAUGE AND GRADE AS SHOWN ON THE DRAWINGS (AS REQUIRED BY STRUCTURAL CALCULATIONS).
TRACKS SHALL BE CHANNEL SHAPED SOLID WEB, DEPTH COMPATIBLE WITH STUDS, GAUGE AND GRADE AS SHOWN ON THE DRAWINGS (AS REQUIRED BY STRUCTURAL CALCULATIONS).
FRAMING ACCESORIES SHALL HAVE A MINIMUM YIELD STRENGTH OF 65 KSI. SCREWS SHALL BE CORROSION RESISTANT, SELF DRILLING PAN OR HEX WASHER HEAD, AS SHOWN ON THE DRAWINGS (AS REQUIRED BY STRUCTURAL CALCULATIONS).
POWDER ACTUATED FASTENERS: AISI 1062 OR 1065 STEEL, MINIMUM CORE HARDNESS 50 TO 54 HRC AND ZINC PLATED IN ACCORDANCE WITH ASTM B633. DIAMETER AND LENGTH AS SHOWN ON THE DRAWINGS (AS REQUIRED BY STRUCUTURAL CALCULATIONS).
ALL LIGHT GAUGE FRAMING MEMBERS SHALL BE DIETRICH CSJ SERIES UNLESS NOTED OTHERWISE.

4 /S0.1 STRUCTURAL COLD FORMED STEEL NOTES N.T.S.

BAYLAND

BAYLAND BUILDINGS

P.O. BOX 13571 GREEN BAY, WI 54307
(920) 498-9300 FAX (920) 498-3033
www.baylandbuildings.com

DESIGN & BUILD GENERAL CONTRACTOR

PROPOSED BUILDING FOR:

GRIFFIN ARMAMENT

WATERTOWN, WISCONSIN; COUNTY OF: JEFFERSON

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

1

NOTICE OF COPYRIGHT
THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO
COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER
SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.C. AS AMENDED
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DRAWN BY: CMP / LJP

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STRUCTURAL DESIGN CRITERIA

S0.1



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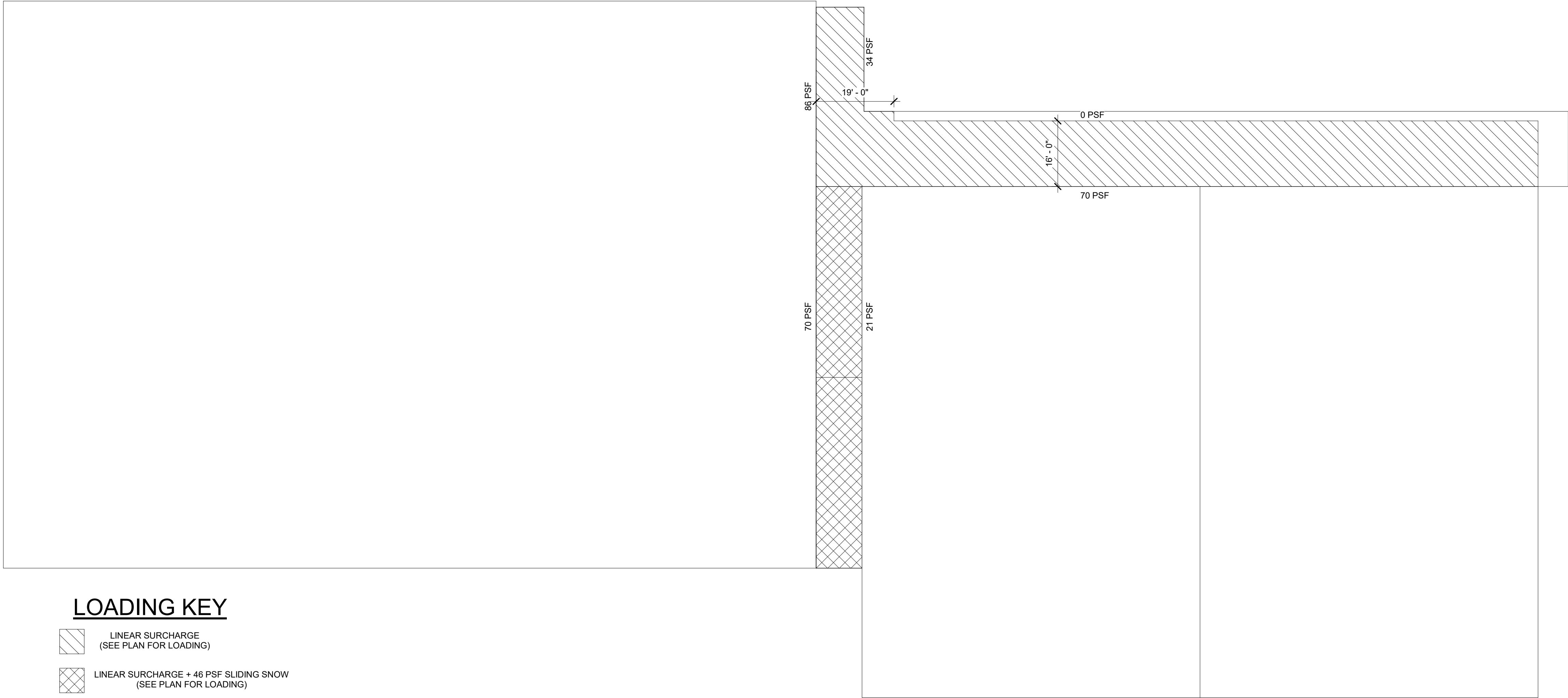
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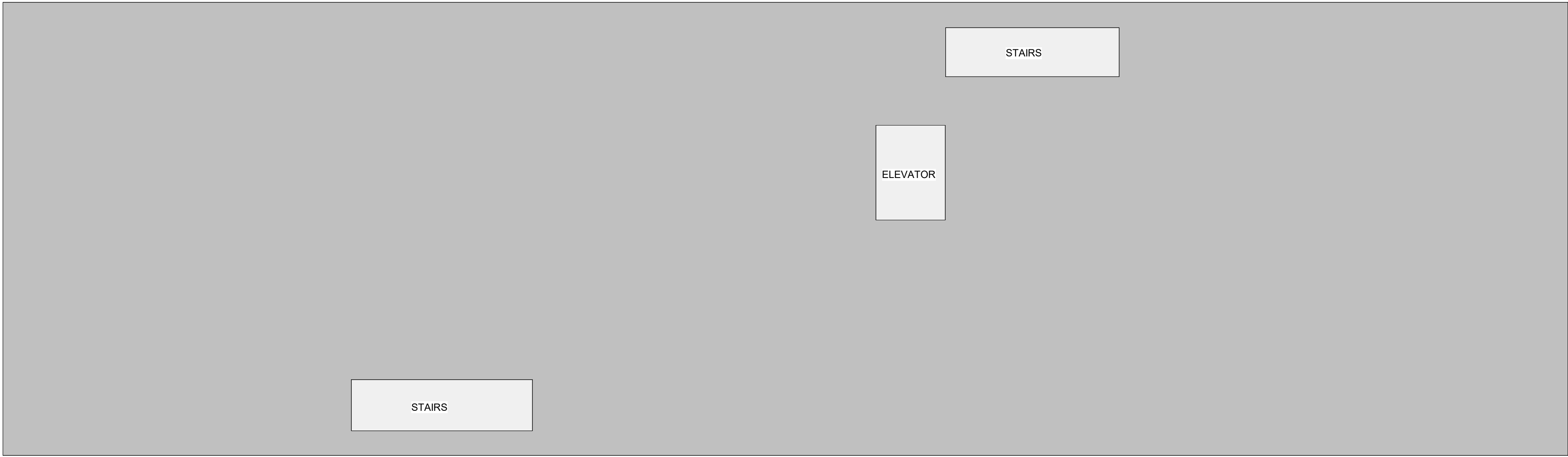
LOADING PLANS

S0.2



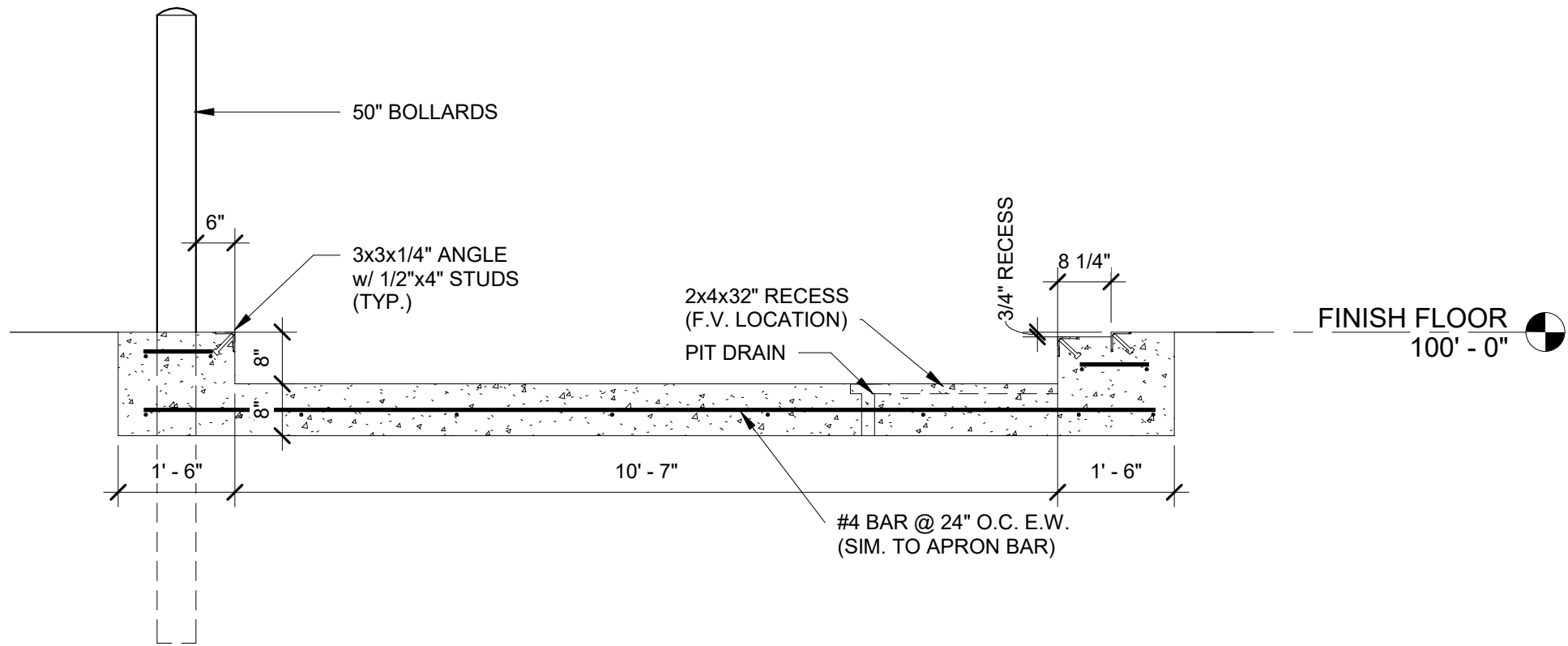
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1/S0.2 SCALE = 1/16" = 1'-0"

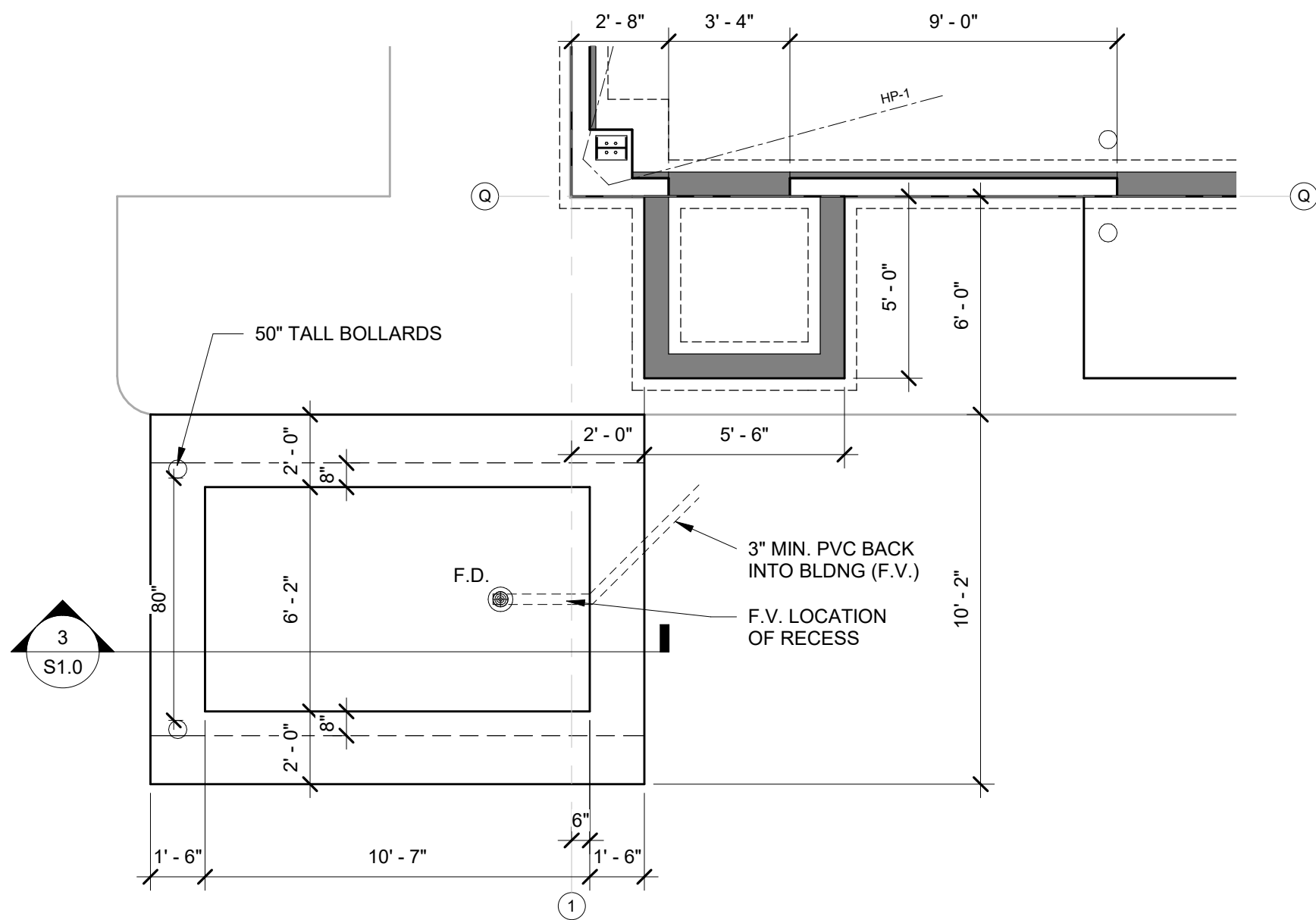


LOADING PLAN - 2ND FLOOR

2/S0.2 SCALE = 1/8" = 1'-0"

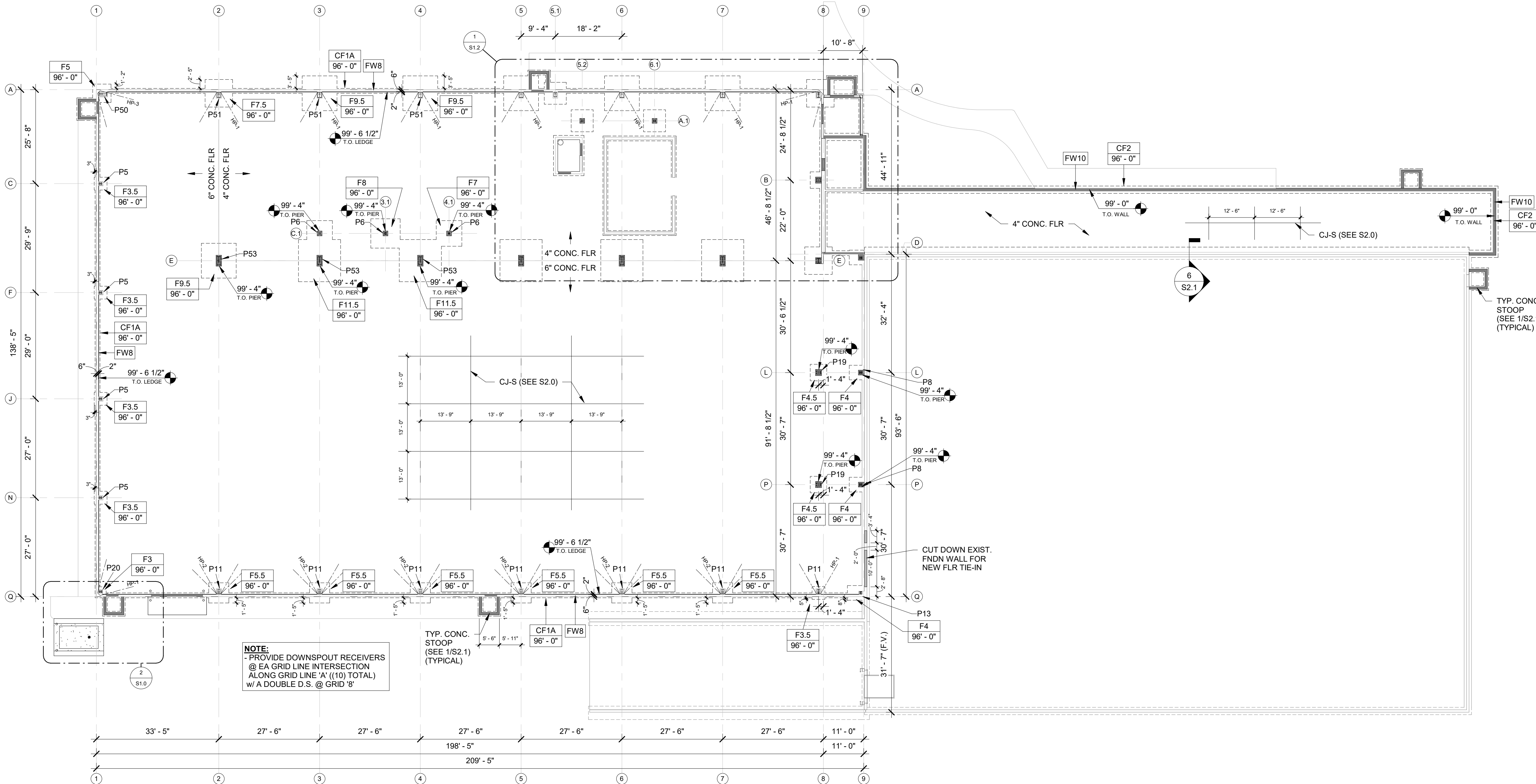
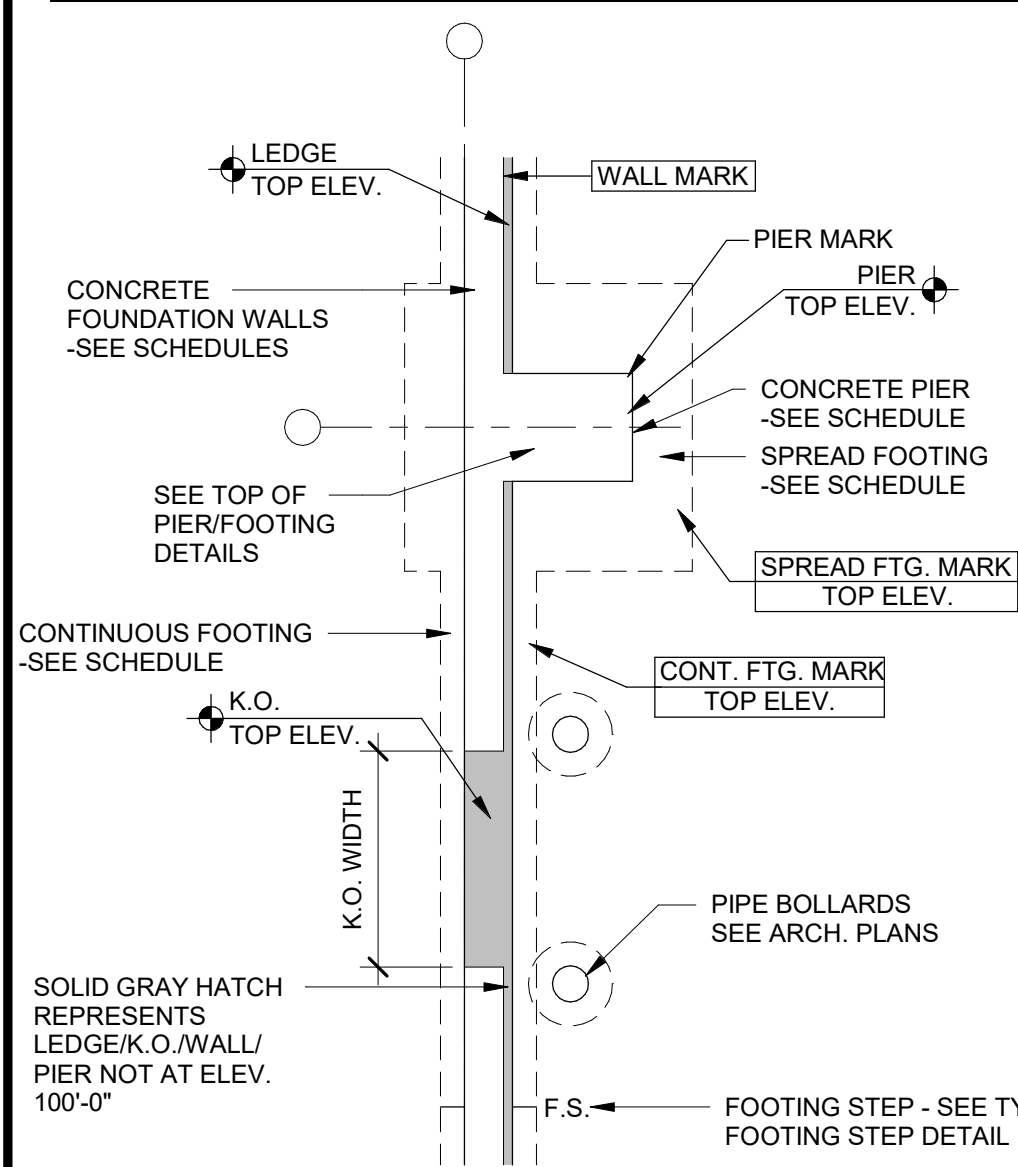


LIFT SECTION
3/S1.0 SCALE = 1/2" = 1'-0"



FOUNDATION PLAN - ENLARGED LIFT AREA
2/S1.0 SCALE = 1/4" = 1'-0"

FOUNDATION PLAN SYMBOLS



FOUNDATION PLAN - OVERALL
1/S1.0 SCALE = 1/16" = 1'-0"

PROPOSED BUILDING FOR:
GRIFFIN ARMAMENT
WATERTOWN, WISCONSIN; COUNTY OF:
JEFFERSON

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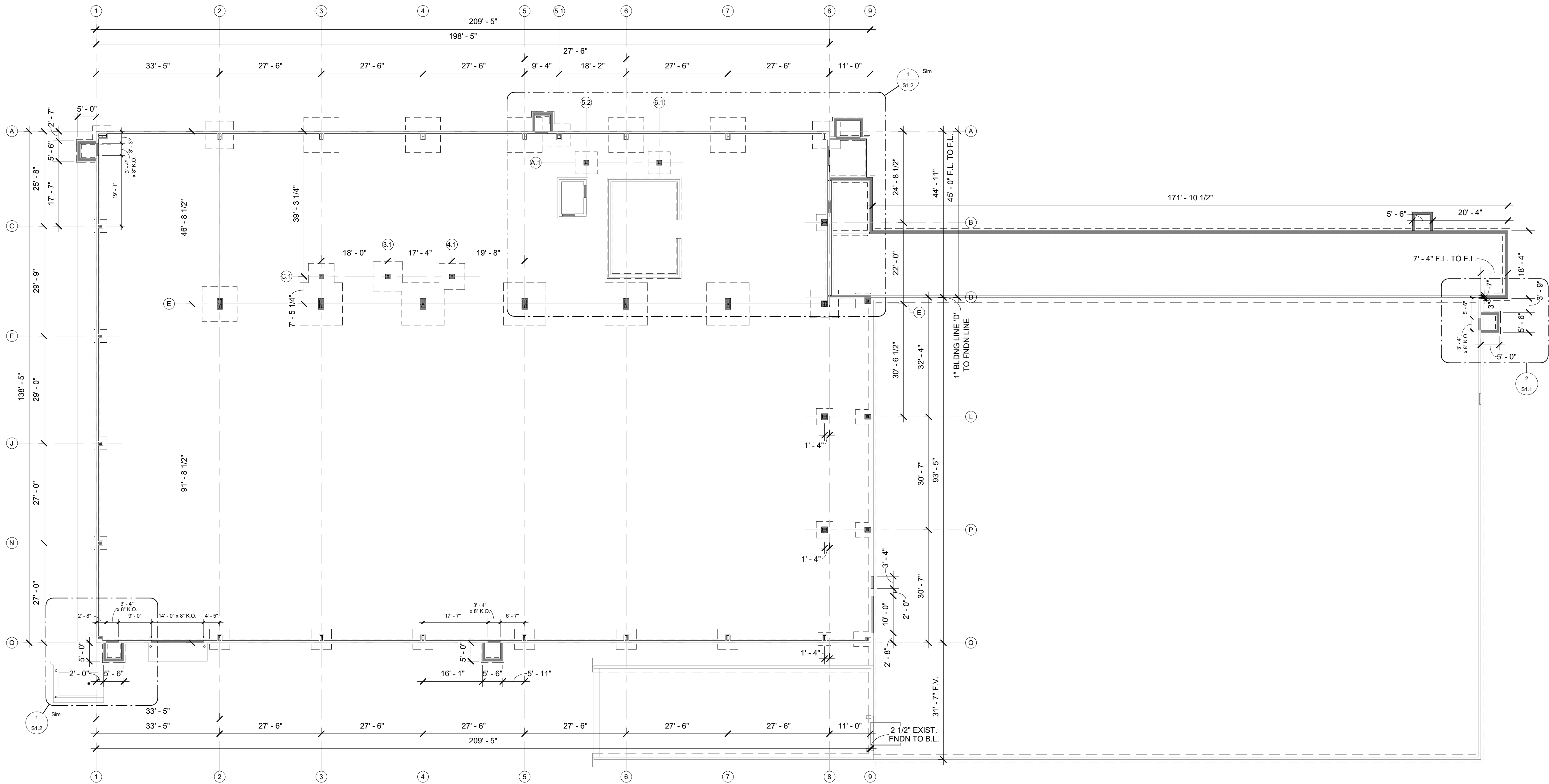
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ISSUED FOR: CHECKED DATE:
BY:

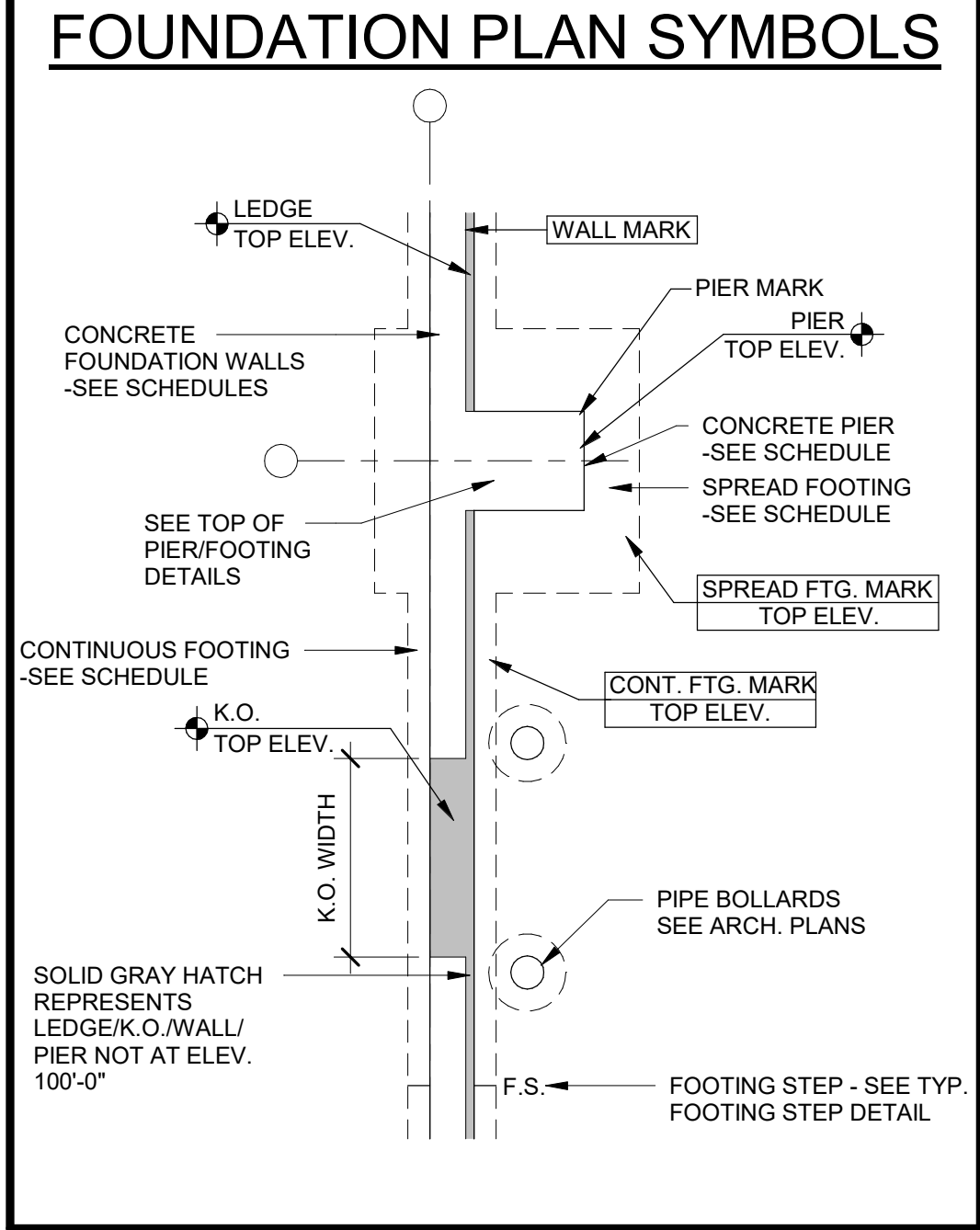
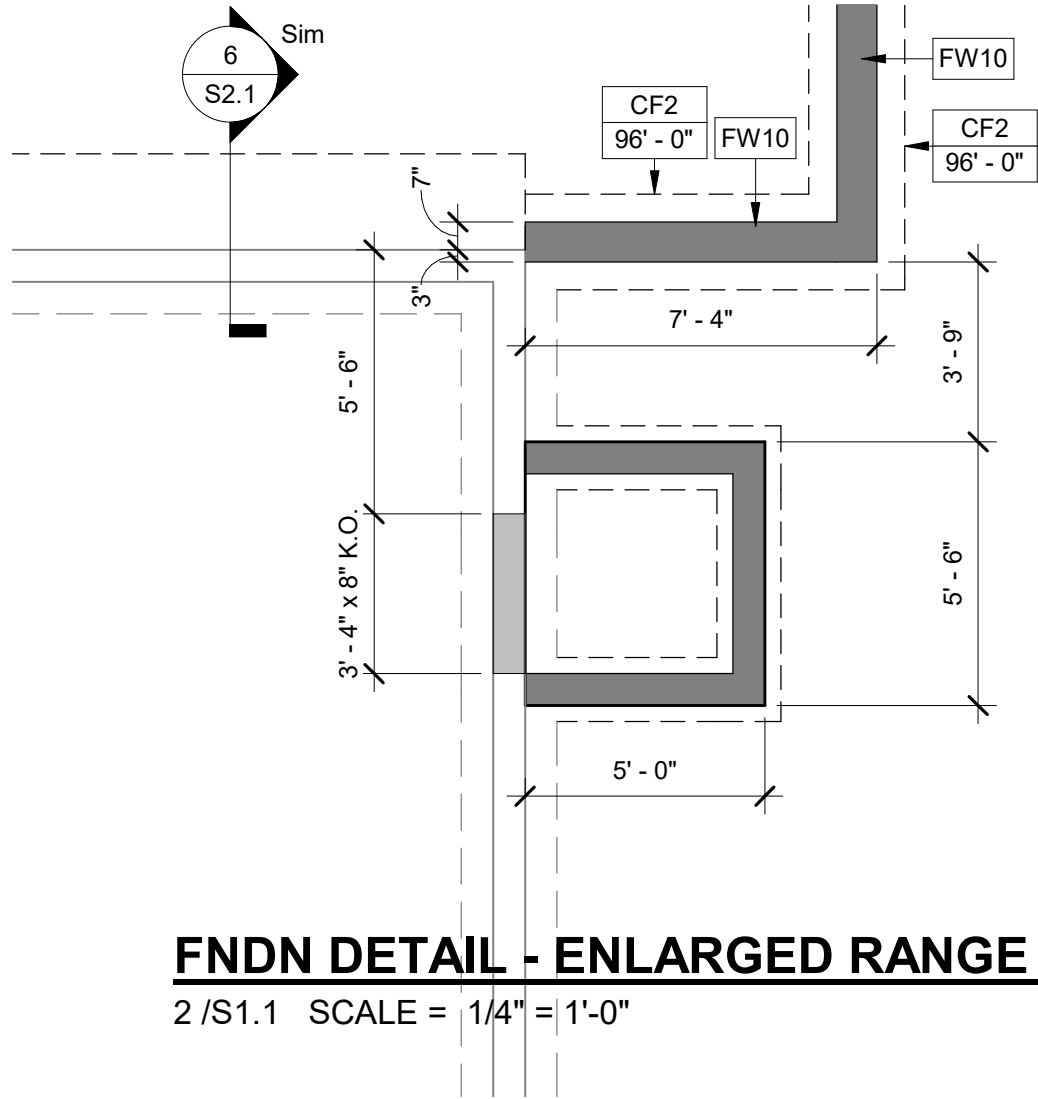
- ☐ PRELIMINARY
☐ BID SET
☐ DESIGN REVIEW MR/SM/LP 12/19/22
☒ CHECKSET
☐ CONSTRUCTION

FOUNDATION PLAN - OVERALL

S1.0



FNDN DETAIL - ENLARGED RANGE AREA
2/S1.1 SCALE = 1/4" = 1'-0"



FOUNDATION PLAN SYMBOLS



BAYLAND BUILDINGS

P.O. BOX 13571 GREEN BAY, WI 54307
(920) 498-9300 FAX (920) 498-3033
www.baylandbuildings.com

DESIGN & BUILD GENERAL CONTRACTOR

PROPOSED BUILDING FOR:

GRIFFIN ARMAMENT

WATERTOWN, WISCONSIN; COUNTY OF:
JEFFERSON

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL.
ADJUST SCALE ACCORDINGLY

NOTICE OF COPYRIGHT
THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO
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ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION
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COMPENSATION TO BAYLAND BUILDINGS, INC.

JOB NUMBER: 22-5181

PROJECT
EXECUTIVE: MATT RITTER

DRAWN BY: CMP / LJP

DATE: 01-09-23

REVISIONS:

ISSUED FOR: CHECKED DATE:
BY:

- | | | |
|-------------------------------------|---------------|-------------------|
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| <input type="checkbox"/> | BID SET | |
| <input type="checkbox"/> | DESIGN REVIEW | MR/SM/LP 12/19/22 |
| <input checked="" type="checkbox"/> | CHECKSET | |
| <input type="checkbox"/> | CONSTRUCTION | |

FOUNDATION PLAN - DIMENSION
PLAN

FOUNDATION PLAN - DIMENSION PLAN

1/S1.1 SCALE = 1/16" = 1'-0"



S1.1



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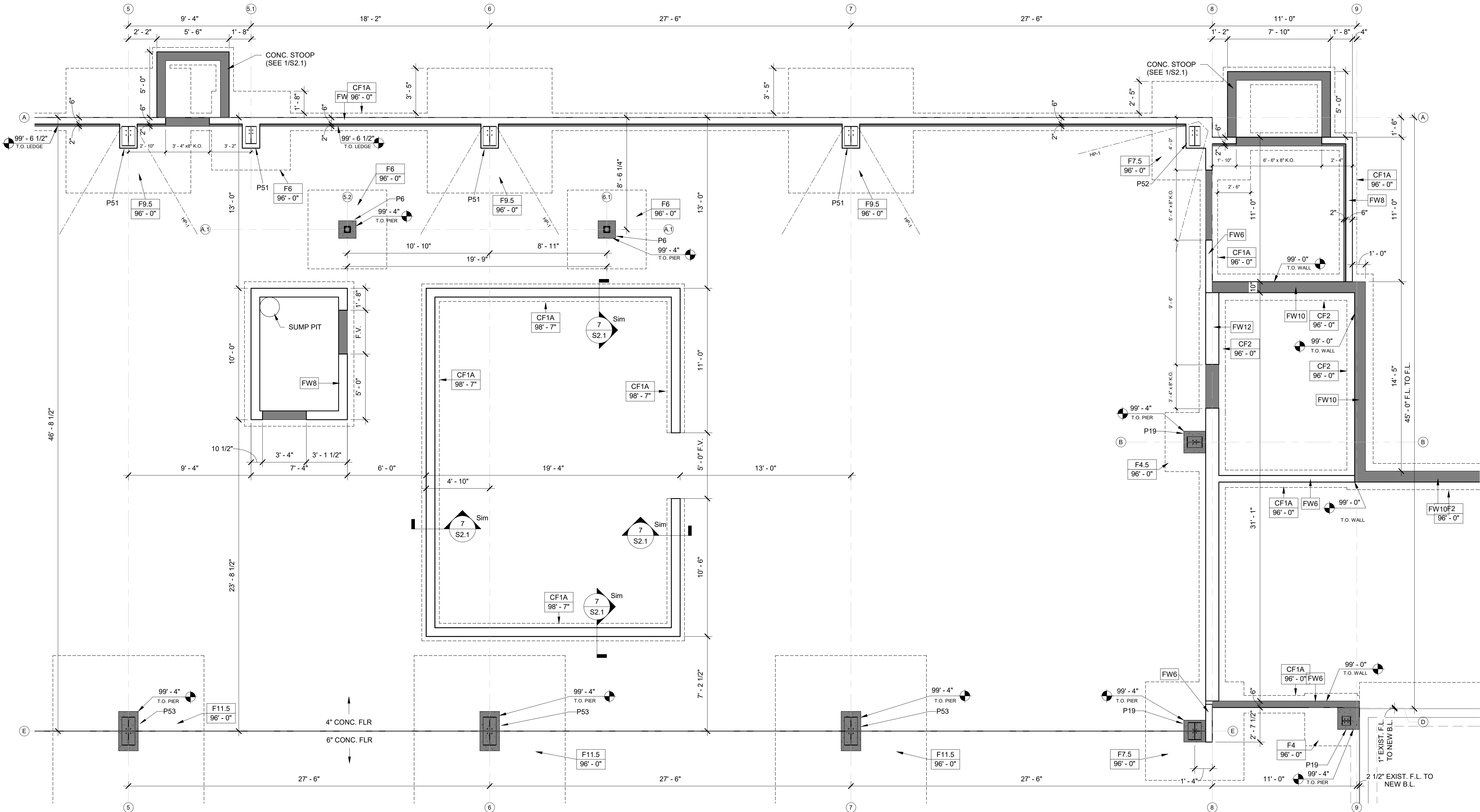
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☐ BID SET
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☒ CHECKSET
☐ CONSTRUCTION

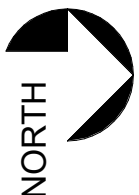
FOUNDATION PLAN - ENLARGED
PLAN

S1.2



FOUNDATION PLAN - ENLARGED

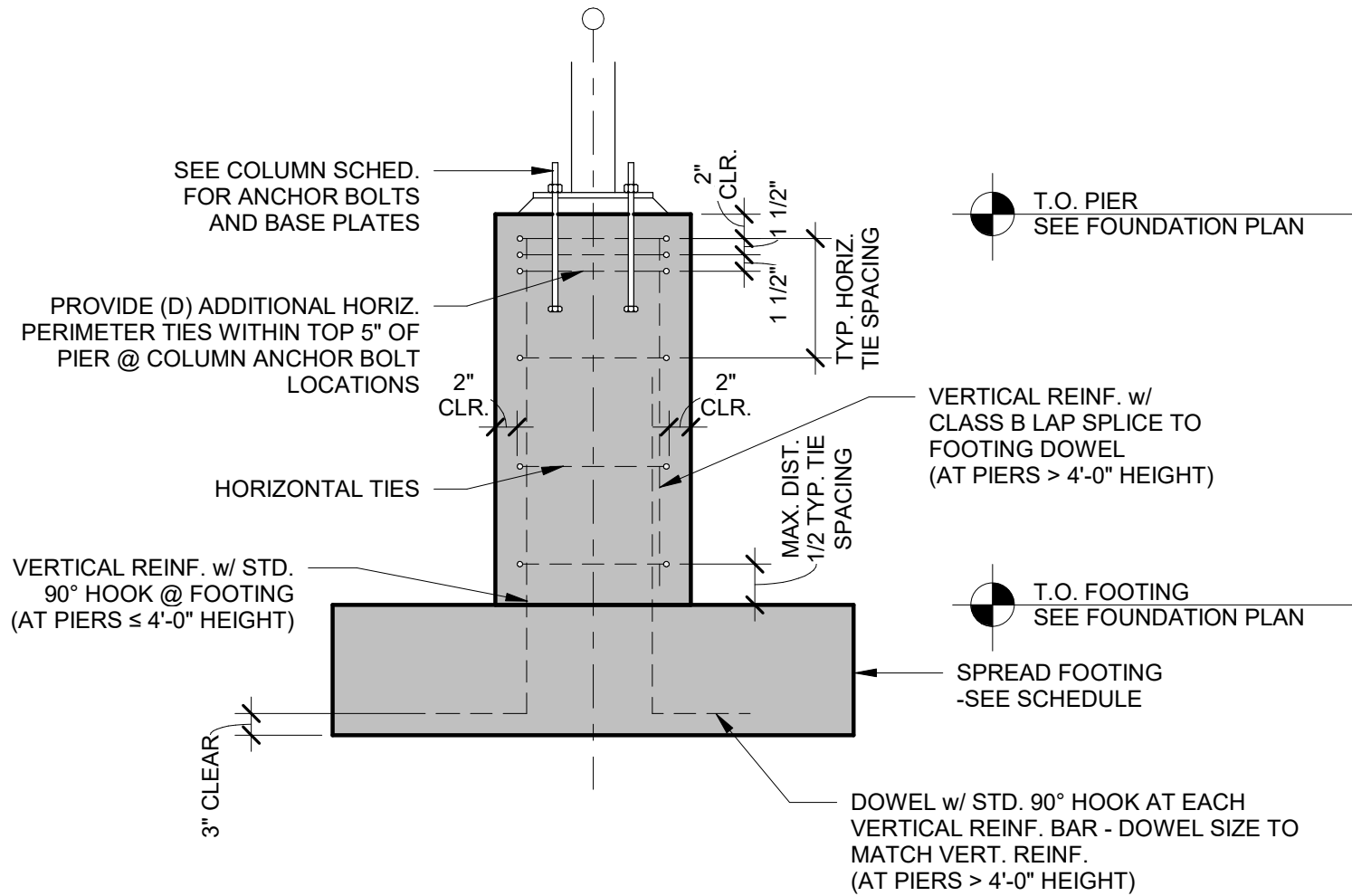
1/S1.2 SCALE = 1/4" = 1'-0"



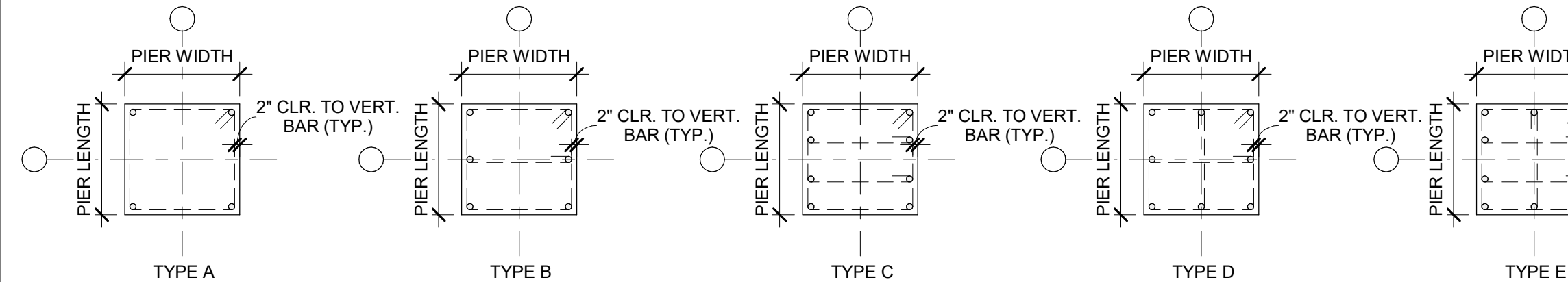
PIER SCHEDULE						
MARK	SIZE		VERTICAL REINF.	HORIZONTAL TIES	REINF. TOP VIEW	REMARKS
	WIDTH	LENGTH				
P5	14"	22"	(6) #5	#3 @ 12" O.C.	TYPE B	
P6	16"	16"	(6) #5	#3 @ 12" O.C.	TYPE B	
P8	16"	20"	(6) #5	#3 @ 12" O.C.	TYPE B	
P11	16"	26"	(6) #5	#3 @ 12" O.C.	TYPE C	
P13	18"	18"	(6) #5	#3 @ 12" O.C.	TYPE B	
P19	20"	20"	(6) #5	#3 @ 12" O.C.	TYPE B	
P20	20"	22"	(6) #5	#3 @ 12" O.C.	TYPE D	
P50	36"	24"		#3 @ 12" O.C.	TYPE D	
P51	16"	28"		#3 @ 12" O.C.	TYPE C	
P52	24"	28"		#3 @ 12" O.C.	TYPE E	
P53	18"	36"		#3 @ 12" O.C.	TYPE B	

CONCRETE PIER SCHEDULE NOTES:

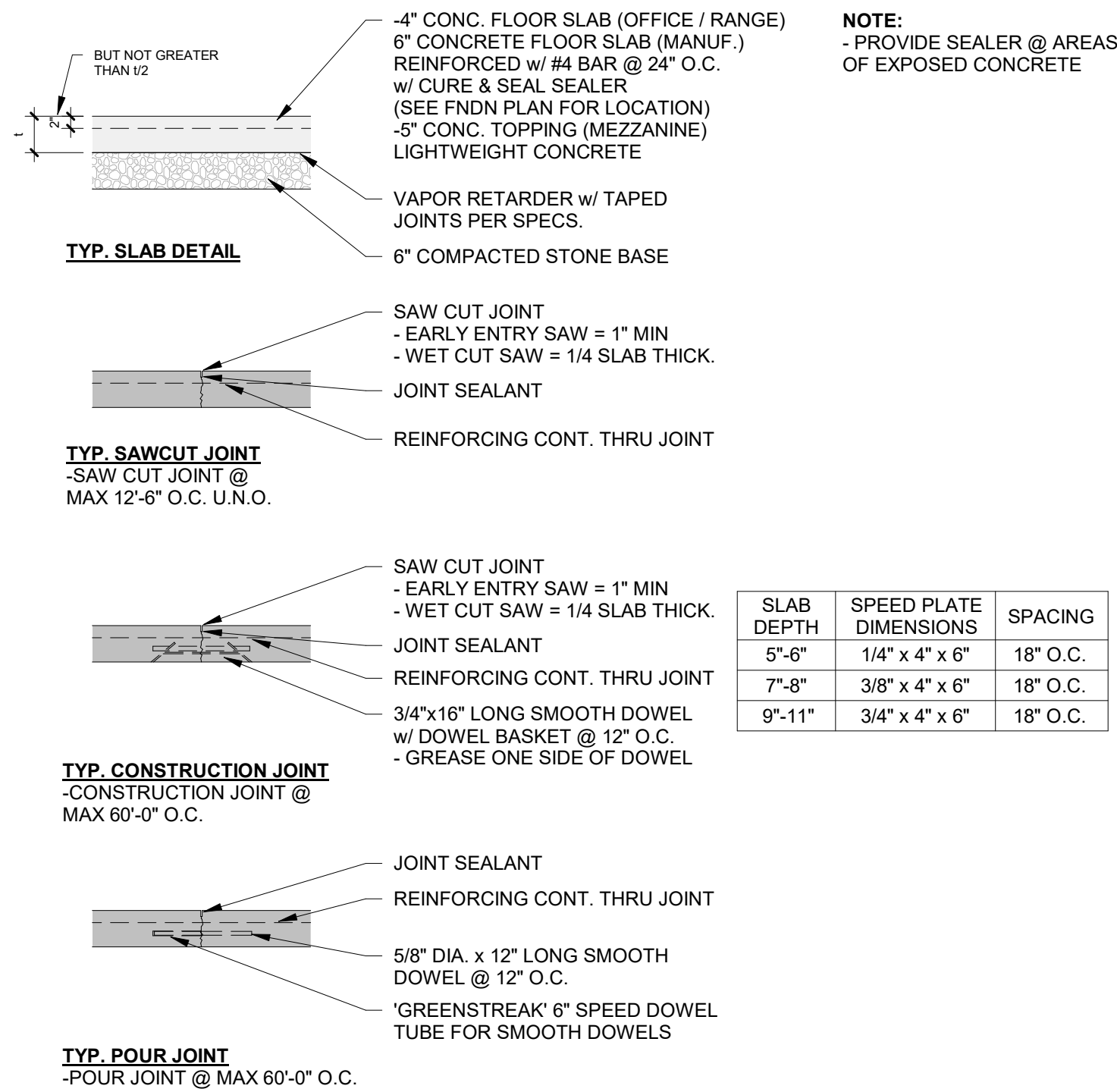
- ALL PIERS ARE CENTERED ON GRID INTERSECTIONS UNLESS NOTED ELSEWHERE ON PLANS
- SEE **TYPICAL PIER DETAIL** FOR TYPICAL CONSTRUCTION & NOTES
- SEE **FOUNDATION PLAN** FOR TOP OF PIER ELEVATIONS
- SEE **FOUNDATION PLAN** FOR PIER ORIENTATION
- SEE **COLUMN SCHEDULE** FOR COLUMN ANCHOR BOLT INFORMATION
- VERTICAL REINF. BARS SHALL BE EQUALLY SPACED, U.N.O.
- SEE **REINFORCING TOP VIEW DETAILS** FOR ORIENTATION OF VERTICAL REINFORCING
- HORIZONTAL TIES SHALL MEET REQ'S OF ACI 318-7.10.5.3 FOR LATERAL SUPPORT OF VERTICAL REINFORCING



TYP. CONCRETE PIER DETAIL



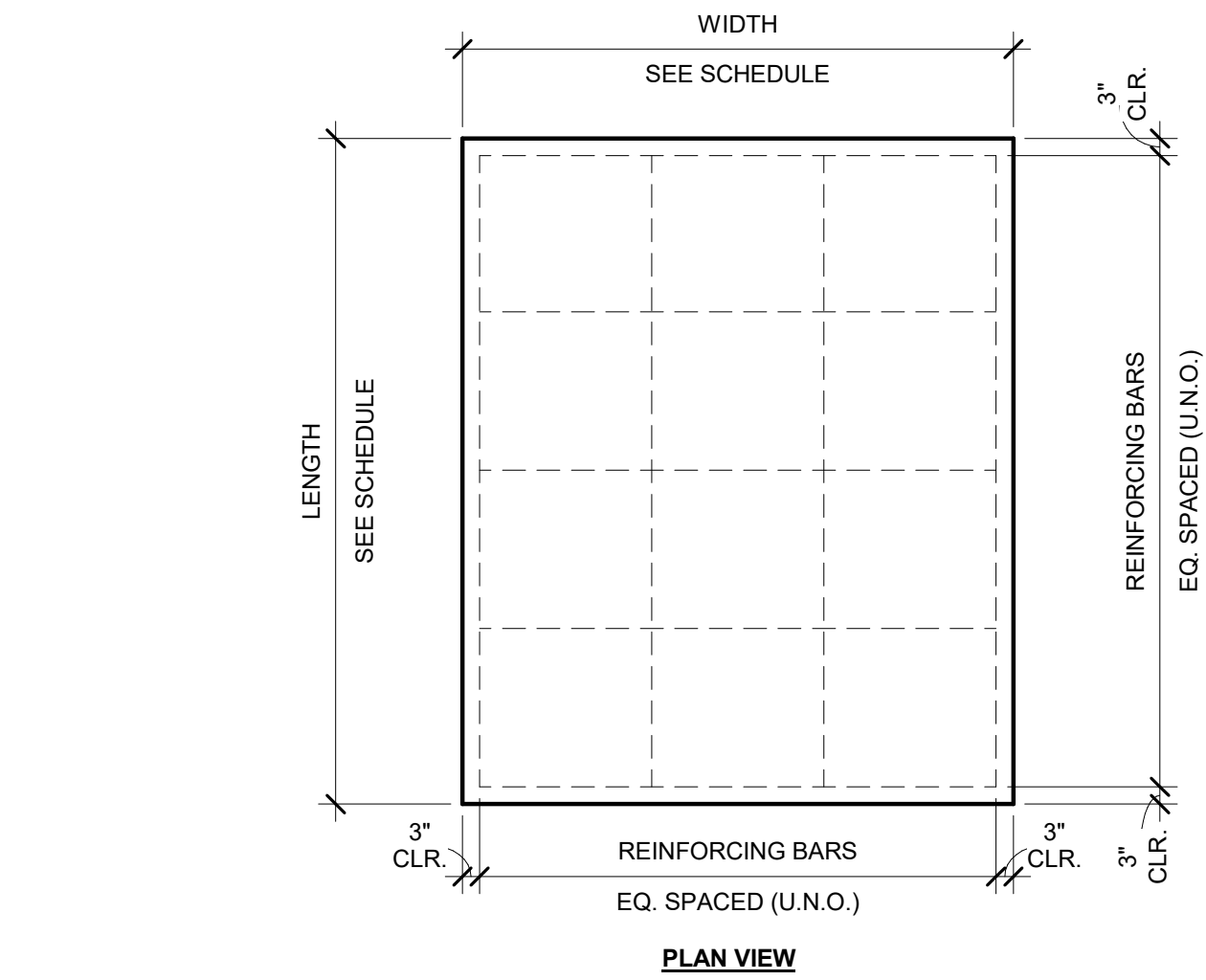
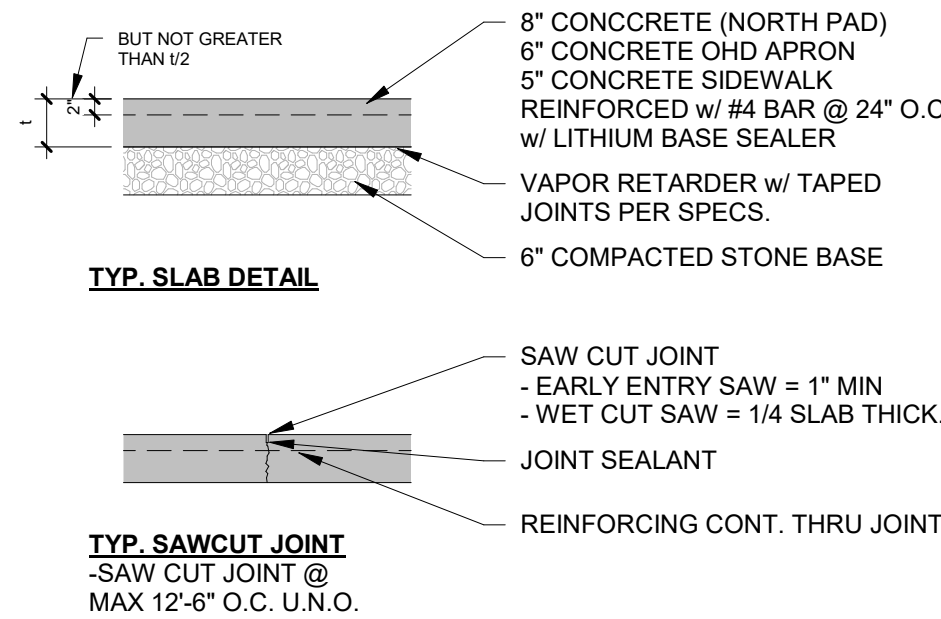
PIER REINF. TYPES - TOP VIEW



NOTE:

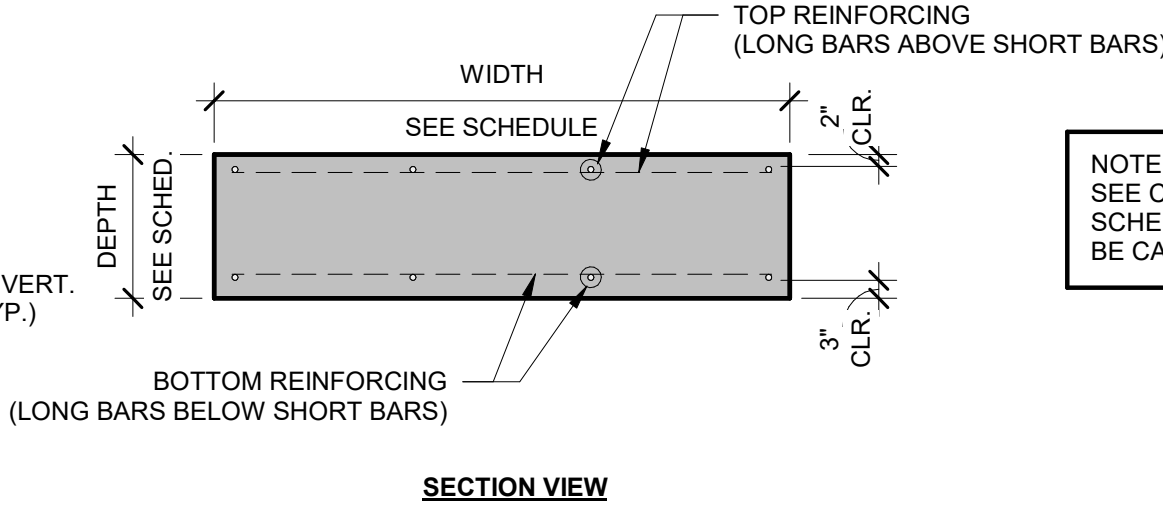
- PROVIDE SEALER @ AREAS OF EXPOSED CONCRETE

CONCRETE MIX KEY					
BAYLAND MIX	USE	COMPRESSIVE STRENGTH (PSI)	AGGREGATE (IN.)	AIR (%)	SLAG
A1	FOOTING / WALL	3,000	3/4	4-8	Y
A2	FOOTING / WALL	3,500	3/4	4-8	Y
A3	FOOTING / WALL	4,000	3/4	4-8	Y
B1	INTERIOR FLOOR	3,000	3/4	3-4	Y
B2	INTERIOR FLOOR	3,000	3/4	3-4	N
B3	INTERIOR FLOOR	3,500	3/4	3-4	Y
B4	INTERIOR FLOOR	3,500	3/4	3-4	N
B5	INTERIOR FLOOR	3,500	1-1/2	3-4	Y
B6	INTERIOR FLOOR	3,500	1-1/2	3-4	N
B7	INTERIOR FLOOR	4,000	3/4	3-4	Y
B8	INTERIOR FLOOR	4,000	3/4	3-4	N
B9	INTERIOR FLOOR	4,000	1-1/2	3-4	Y
B10	INTERIOR FLOOR	4,000	1-1/2	3-4	N
C1	EXTERIOR FLATWORK	4,000	3/4	6 +/- 1.5	Y
C2	EXTERIOR FLATWORK	4,500	3/4	6 +/- 1.5	Y



SPREAD FOOTING SCHEDULE NOTES:

- ALL FOOTINGS ARE CENTERED ON COLUMN GRID LINE INTERSECTIONS UNLESS DIMENSIONED OTHERWISE
- SEE TYPICAL SPREAD FOOTING DETAIL FOR TYPICAL CONSTRUCTION & NOTES
- SEE FOUNDATION PLAN FOR TOP OF FOOTING ELEVATIONS
- SEE FOUNDATION PLAN FOR FOOTING ORIENTATION
- SEE COLUMN SCHEDULE FOR COLUMN ANCHOR BOLT INFORMATION (WHERE APPLICABLE)



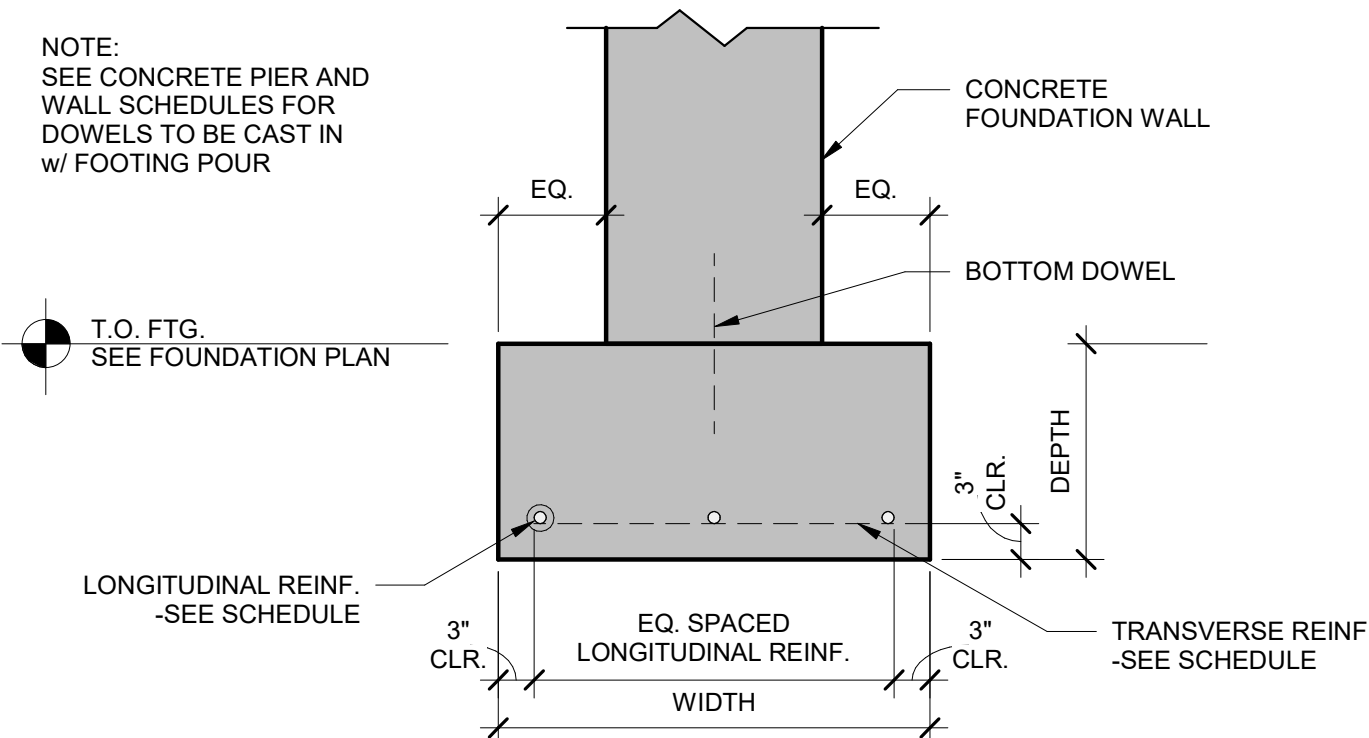
TYP. SPREAD FOOTING DETAIL



CONTINUOUS FOOTING SCHEDULE					
MARK	FOOTING SIZE		REINFORCEMENT		REMARKS
	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE	
CF1A	1' - 4"	8"	(2) #4 BARS	-	
CF2	2' - 0"	12"	(2) #5 BARS	-	

CONTINUOUS FOOTING SCHEDULE NOTES:

- ALL FOOTINGS ARE CENTERED ON FOUNDATION WALLS UNLESS DIMENSIONED OTHERWISE ON PLANS
- SEE **TYPICAL CONTINUOUS FOOTING DETAIL** FOR TYPICAL CONSTRUCTION & NOTES
- SEE **FOUNDATION PLAN** FOR TOP OF FOOTING ELEVATIONS

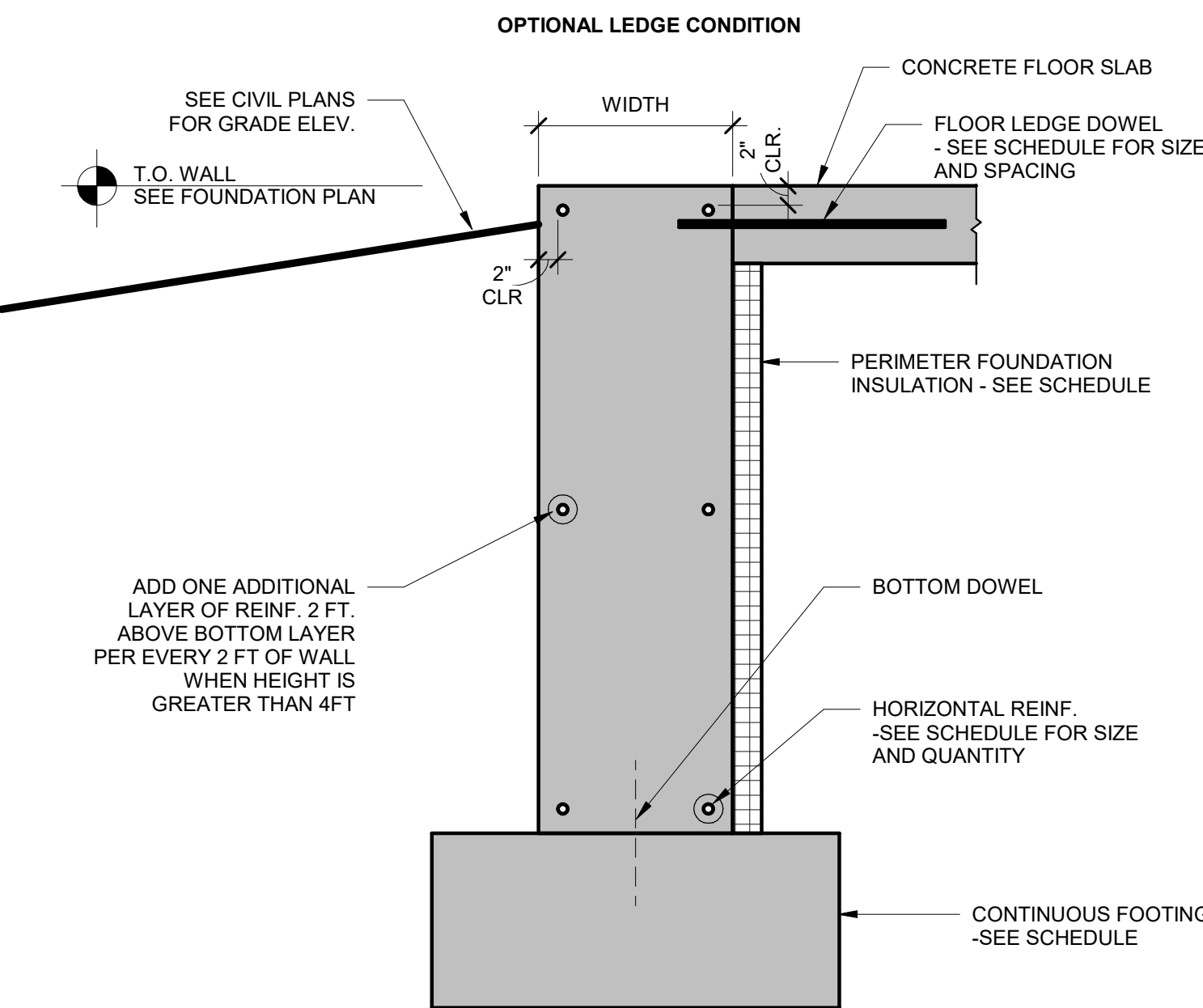
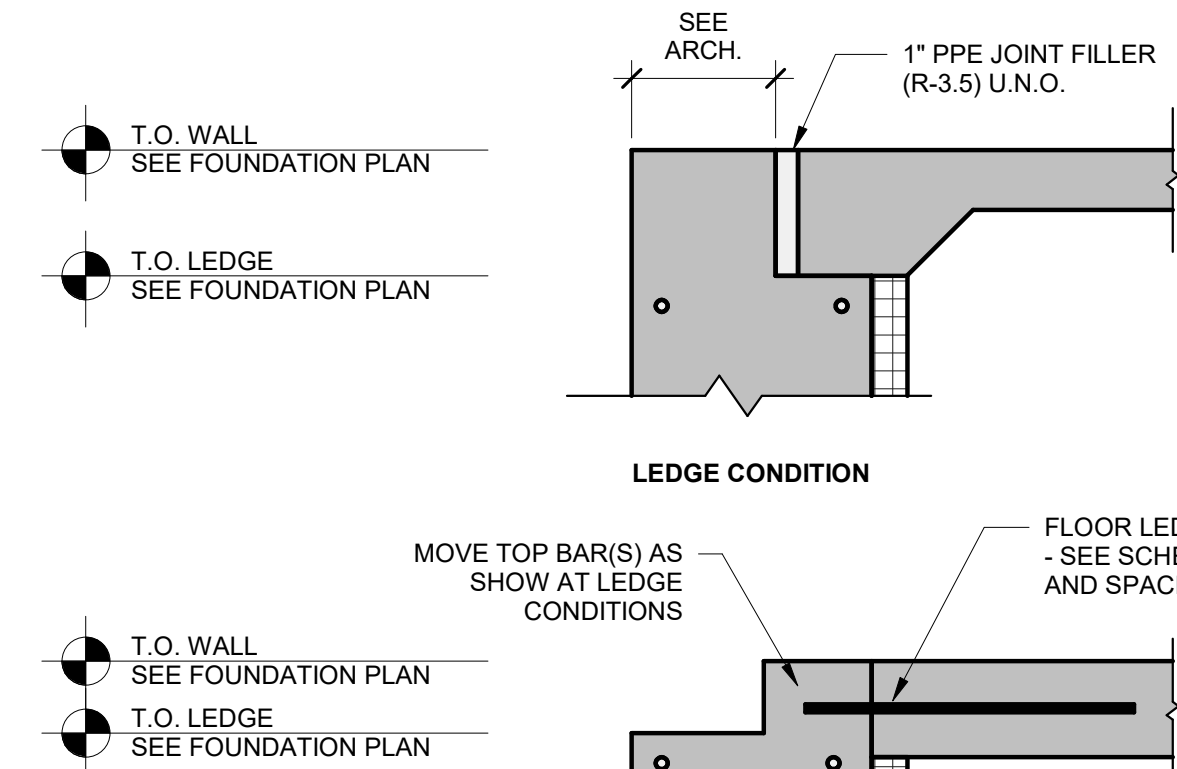


TYP. CONTINUOUS FOOTING DETAIL

FROST WALL SCHEDULE				
MARK	WIDTH	HORIZONTAL REINF.	BOTTOM DOWEL	REMARKS
FW6	6"	(2) #4 TOP & BOT.	STRAIGHT 30" #4 48" O.C.	
FW8	8"	(2) #4 TOP & BOT.	STRAIGHT 30" #4 48" O.C.	1-1/2 BD INSUL. (R7.5)
FW10	10"	(2) #4 TOP & BOT.	STRAIGHT 30" #4 48" O.C.	1-1/2 BD INSUL. (R7.5)
FW12	12"	(2) #4 TOP & BOT.	STRAIGHT 30" #4 48" O.C.	

CONCRETE FROST WALL SCHEDULE NOTES:

- SEE **TYPICAL CONCRETE FROST WALL DETAIL** FOR TYPICAL CONSTRUCTION & NOTES
- SEE **FOUNDATION PLAN** FOR TOP OF WALL & LEDGE (IF APPLICABLE) ELEVATIONS



TYP. CONCRETE FROST WALL DETAIL



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DRAWN BY: CMP / LJP

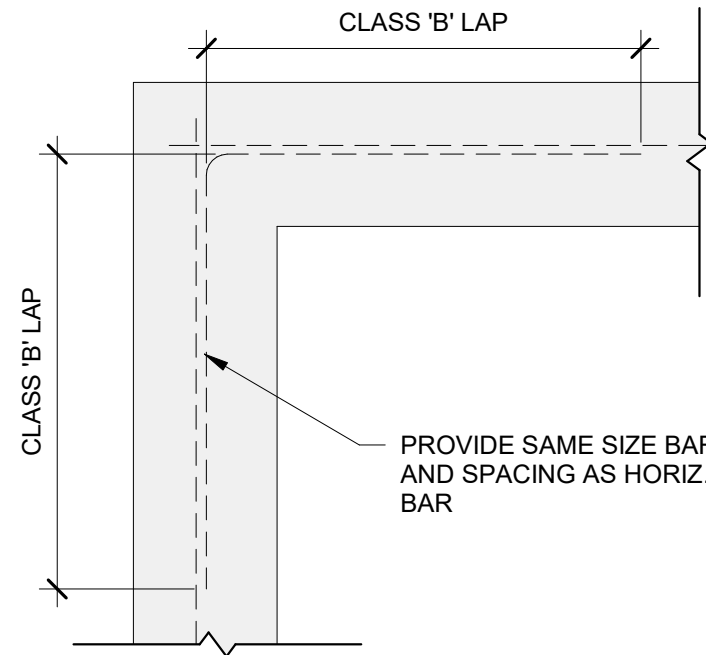
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REVISIONS:

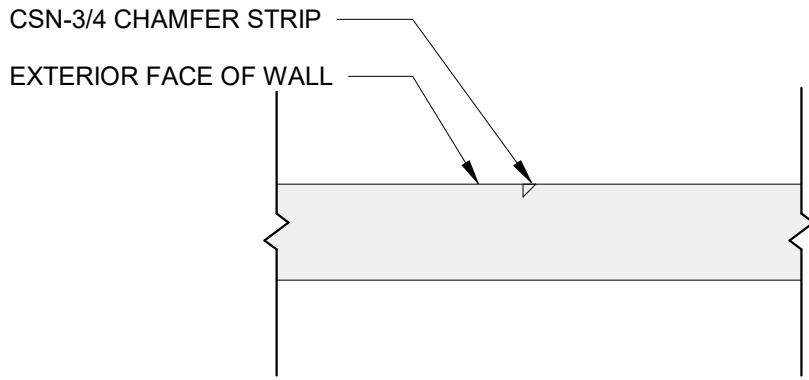
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<input type="checkbox"/> BID SET		
<input type="checkbox"/> DESIGN REVIEW	MR/SM/LP	12/19/22
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<input type="checkbox"/> CONSTRUCTION		

FOUNDATION SCHEDULES & DETAILS

S2.0

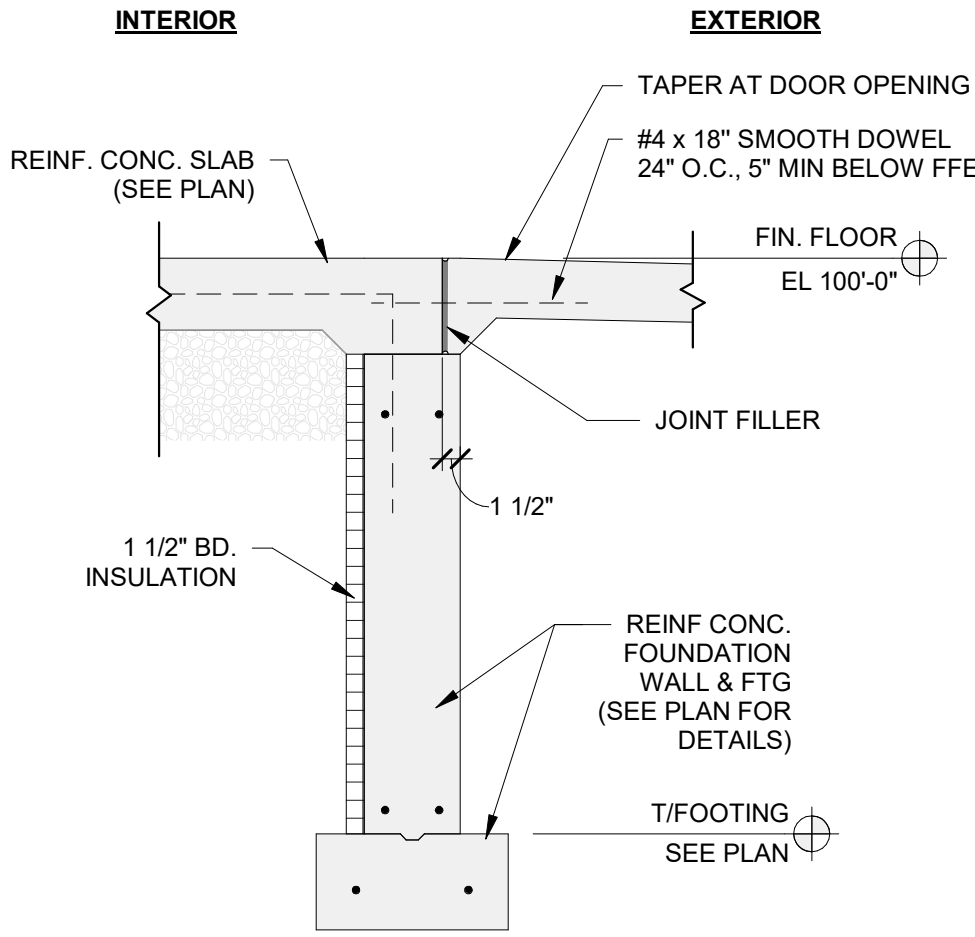


5 /S2.1 CORNER REINFORCEMENT SINGLE MATT N.T.S.

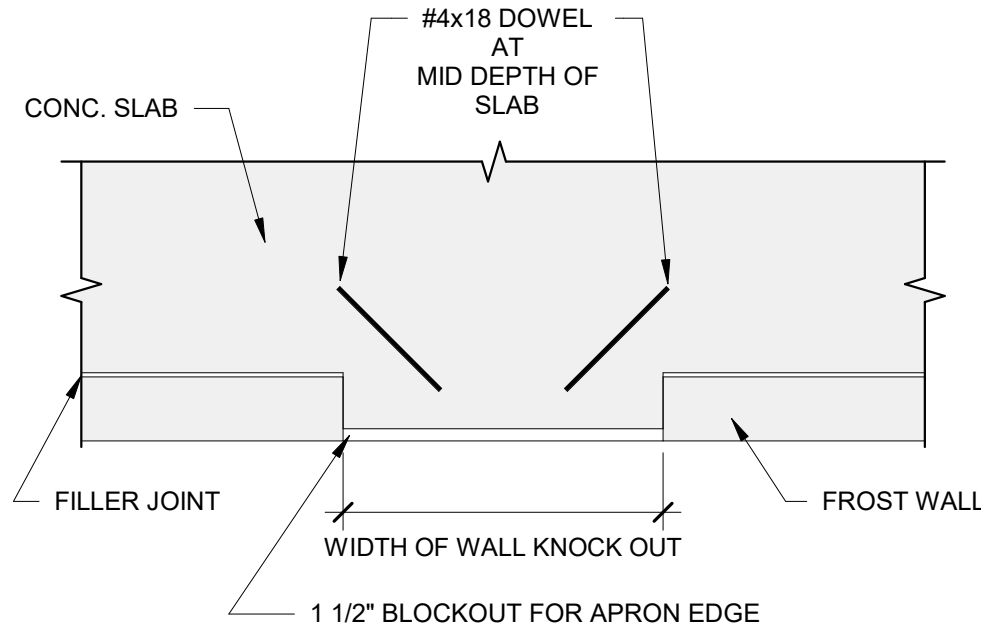


NOTE:
SEE PLAN FOR CJ-W LOCATIONS. UNLESS NOTED OTHERWISE PROVIDE WALL CONTROL JOINT (CJ-W) IN LINE WITH SLAB CONTROL JOINTS OR 60 LINEAL FEET MAX.

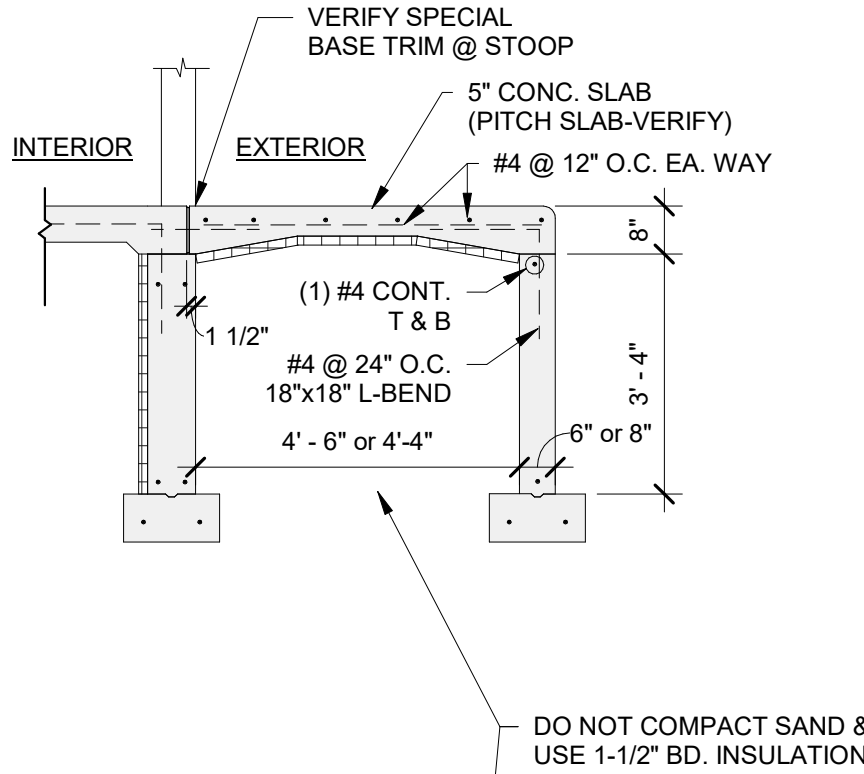
4 /S2.1 WALL CONTROL JOINT (CJ-W) N.T.S.



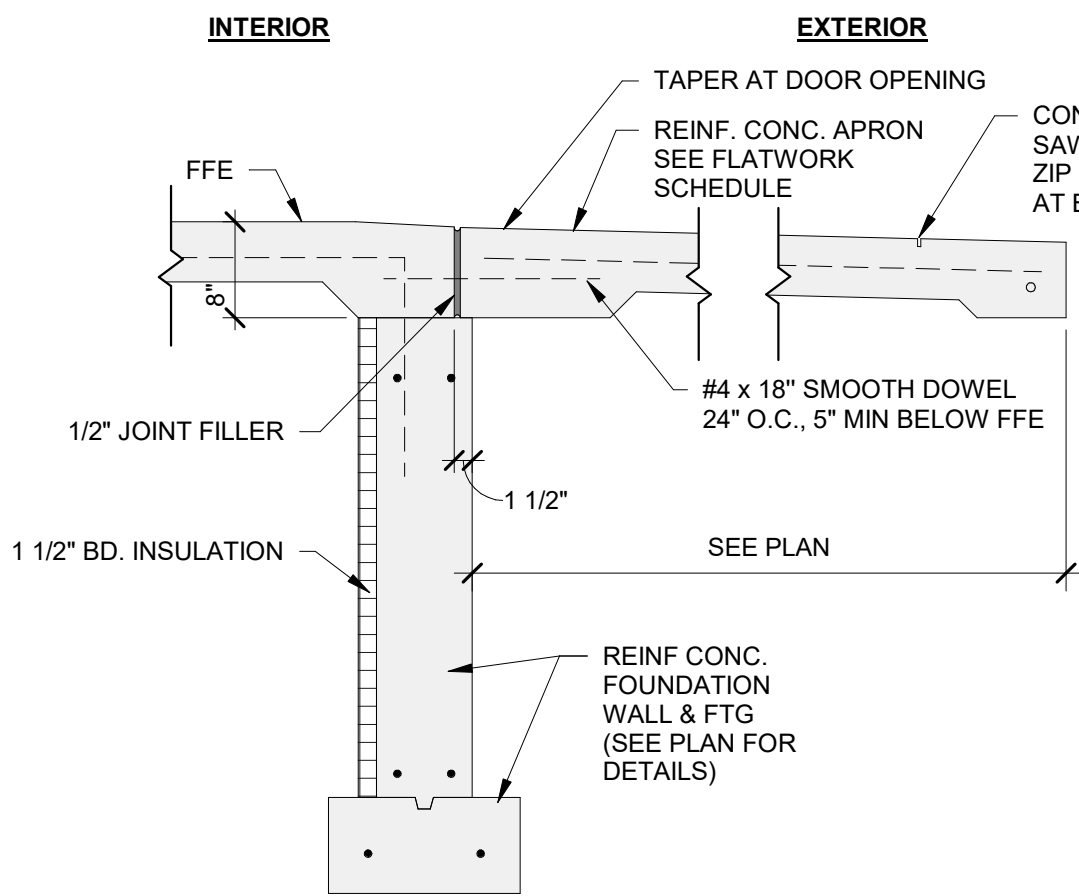
3 /S2.1 DOOR KNOCK-OUT DETAIL N.T.S.



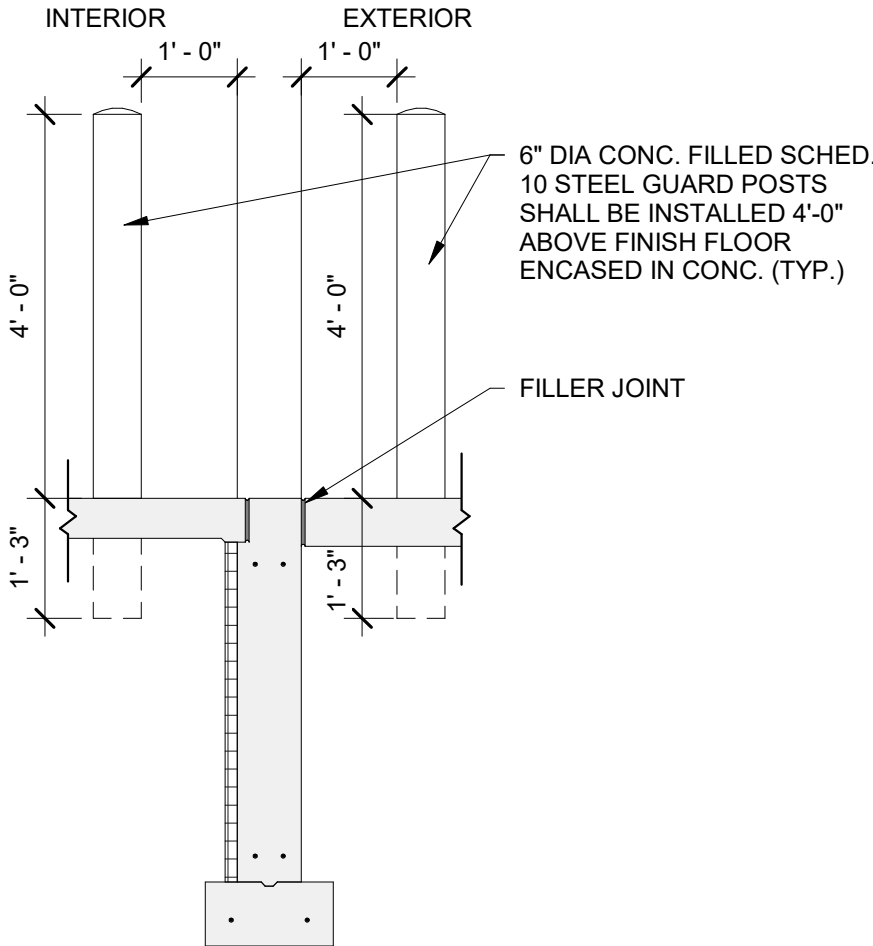
2 /S2.1 REBAR @ ALL DOOR OPENINGS N.T.S.



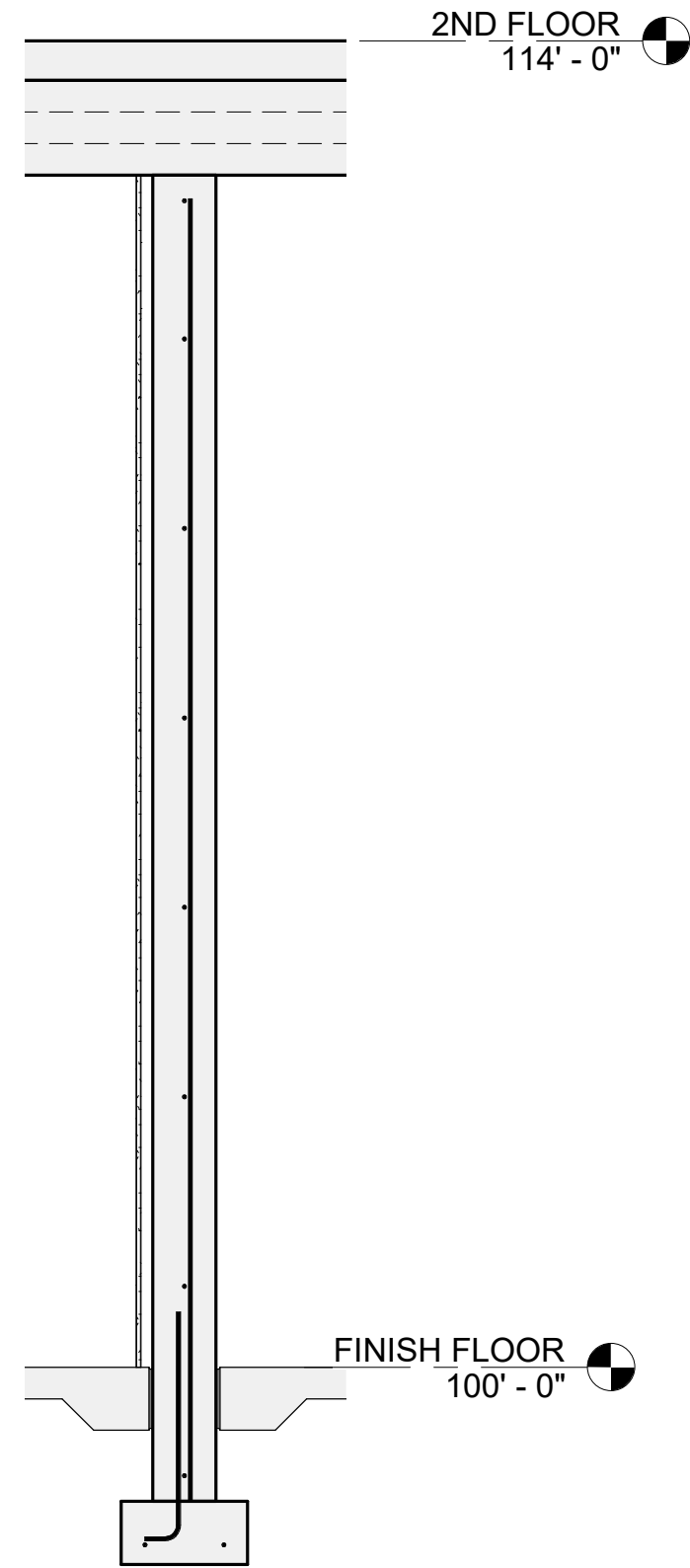
1 /S2.1 STOOP DIMENSIONS AT SERVICE DOORS N.T.S.



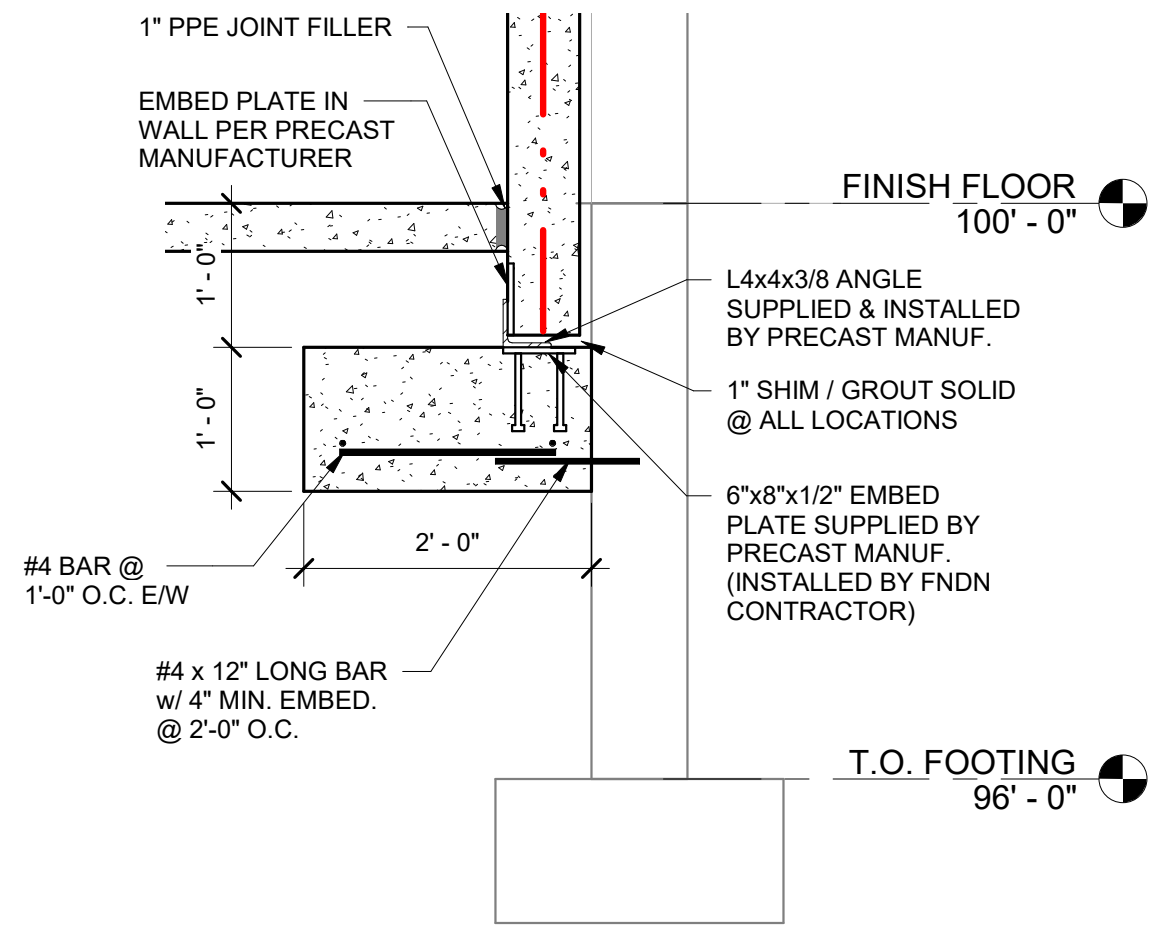
10 /S2.1 APRON DETAIL N.T.S.



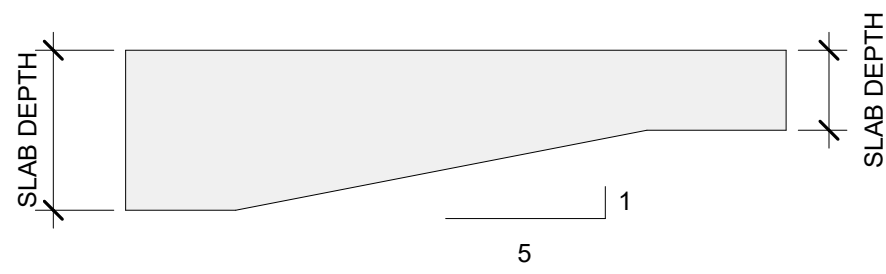
8 /S2.1 BOLLARD DETAIL N.T.S.



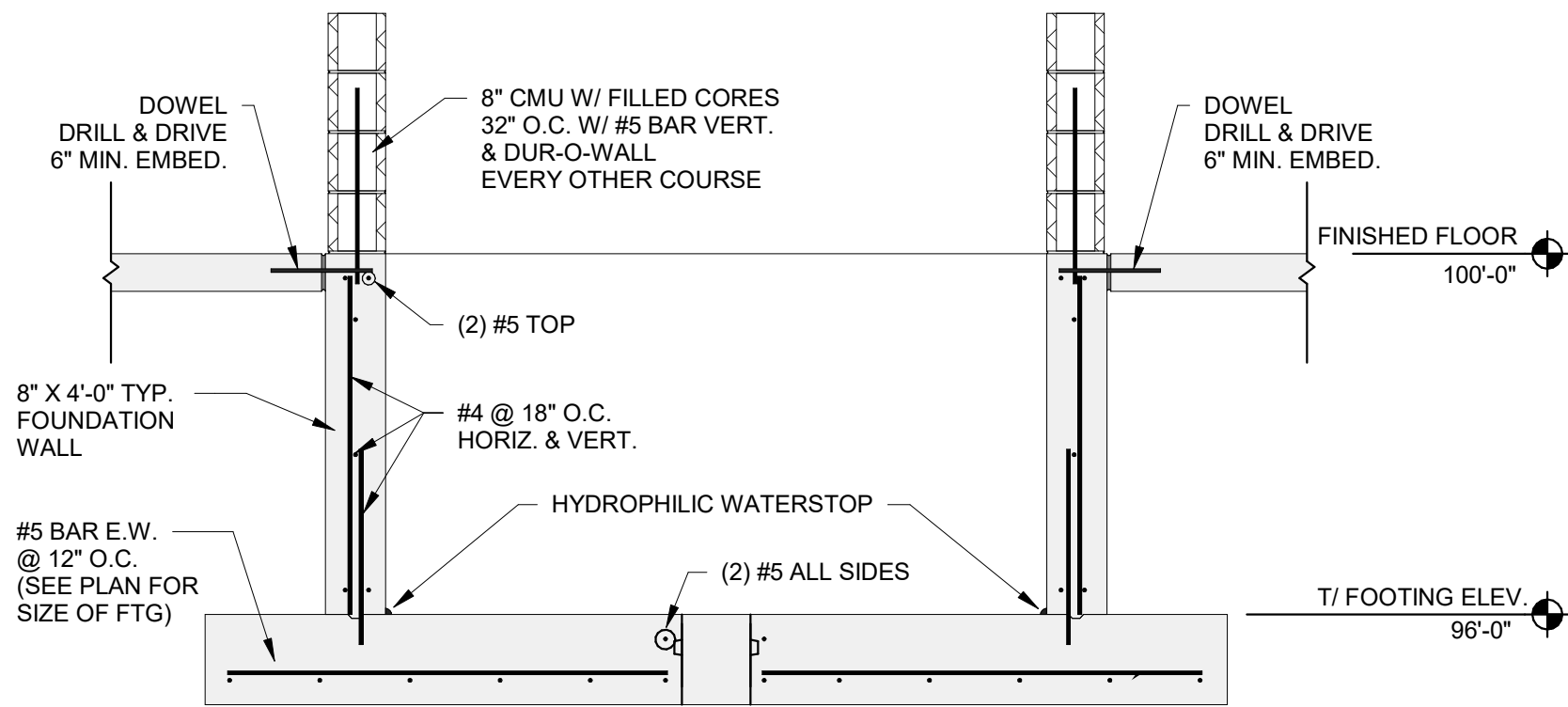
7 /S2.1 FNDN DETAIL - 'B' N.T.S.



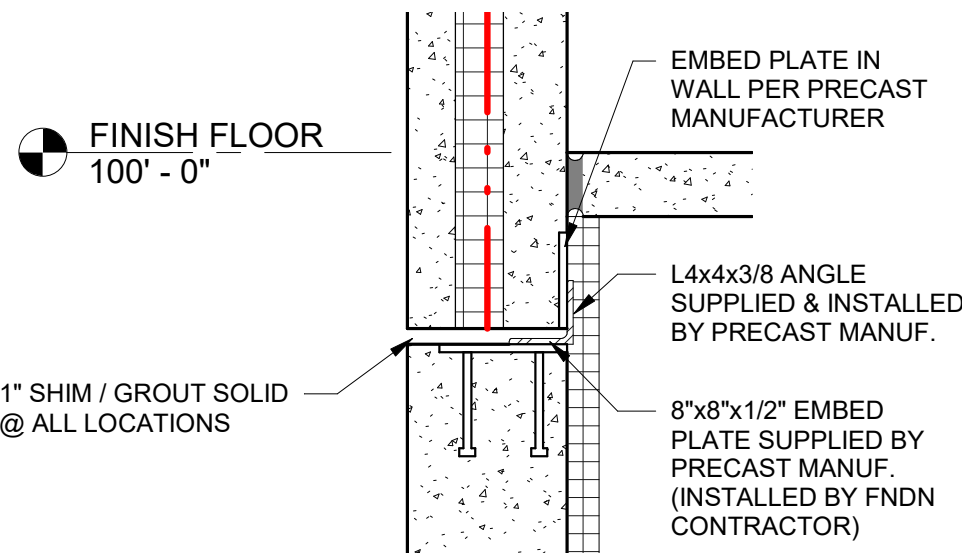
6 /S2.1 FNDN DETAIL - 'A' N.T.S.



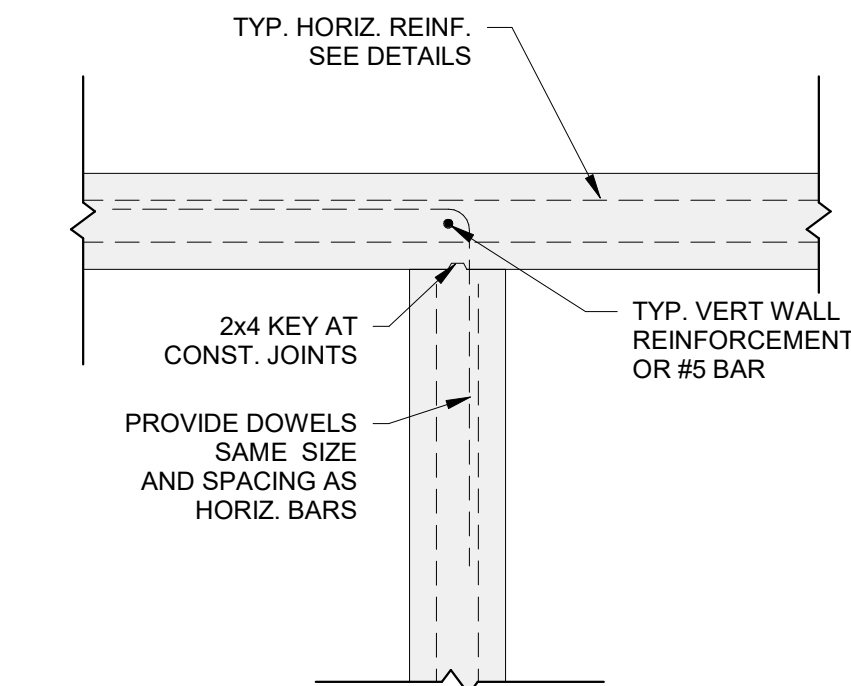
11 /S2.1 SLAB THICKNESS CHANGE DETAIL N.T.S.



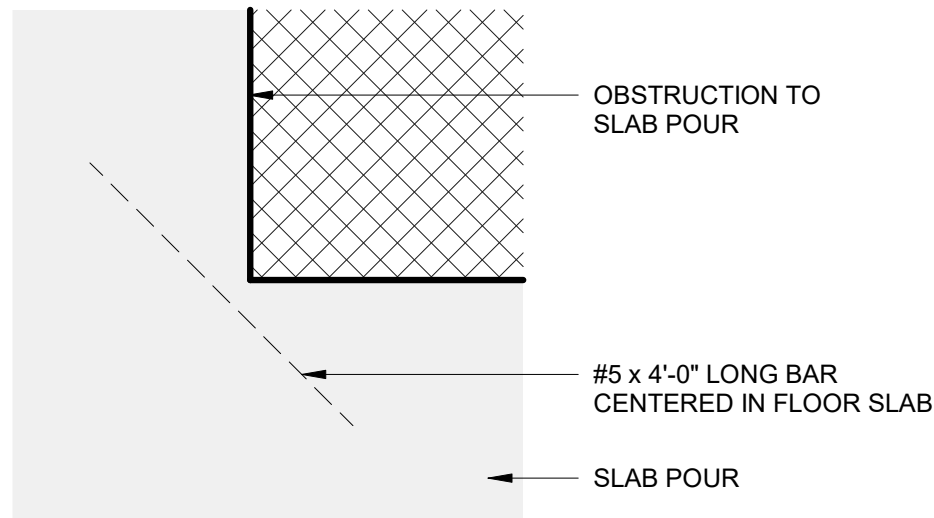
9 /S2.1 ELEVATOR PIT DETAIL N.T.S.



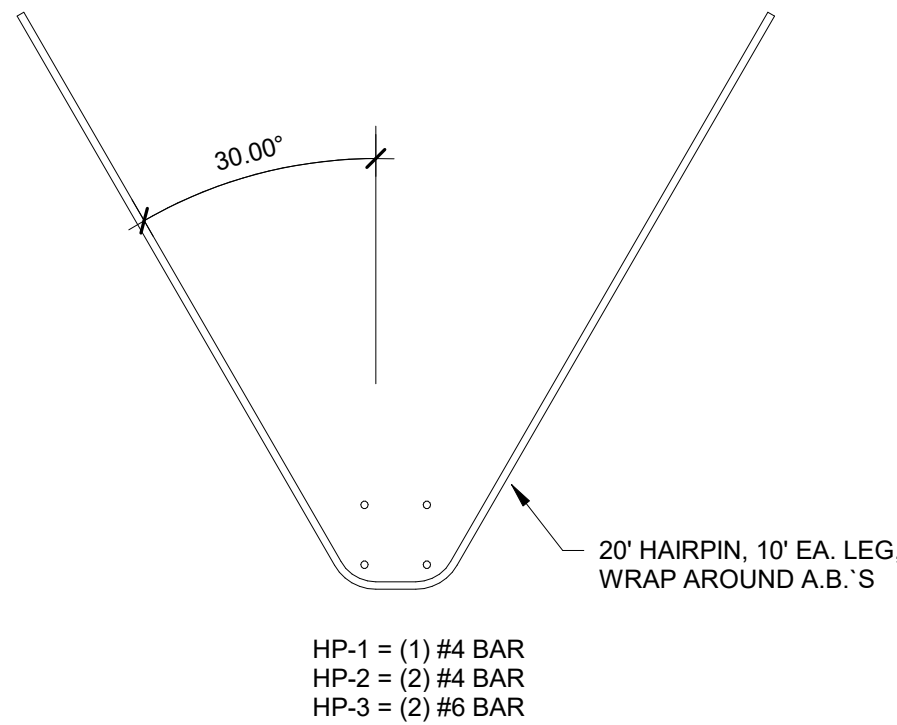
16 /S2.1 FNDN DETAIL - PRECAST TO FNDN N.T.S.



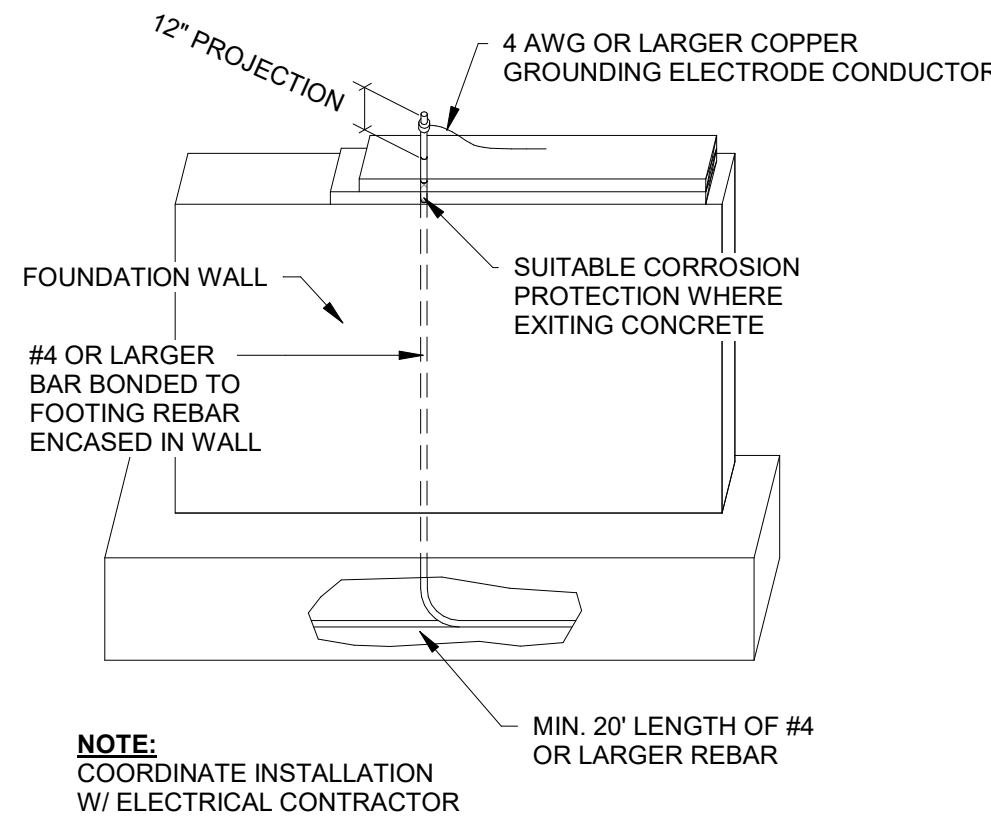
15 /S2.1 WALL INTERSECTION DETAIL SINGLE MATT N.T.S.



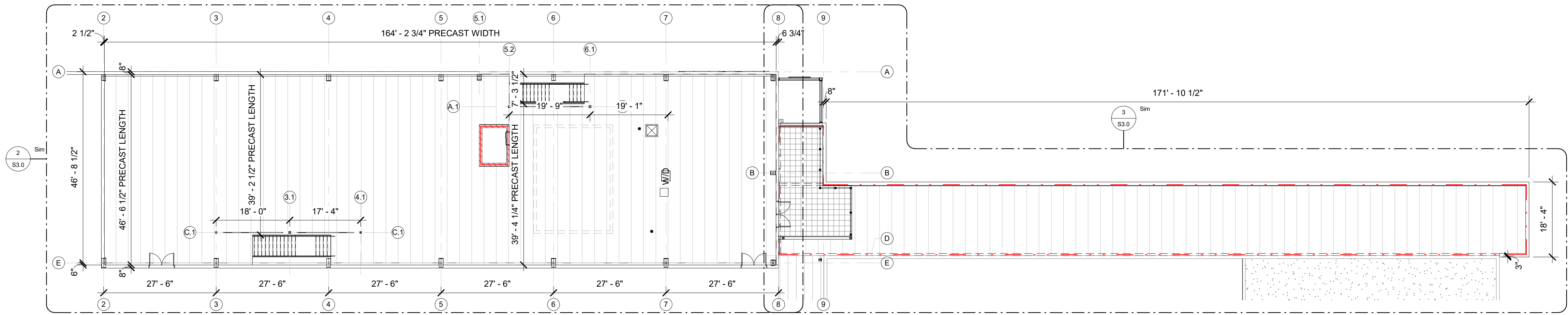
14 /S2.1 INTERIOR CORNER REINF. DETAIL N.T.S.



13 /S2.1 HAIRPIN-HP N.T.S.

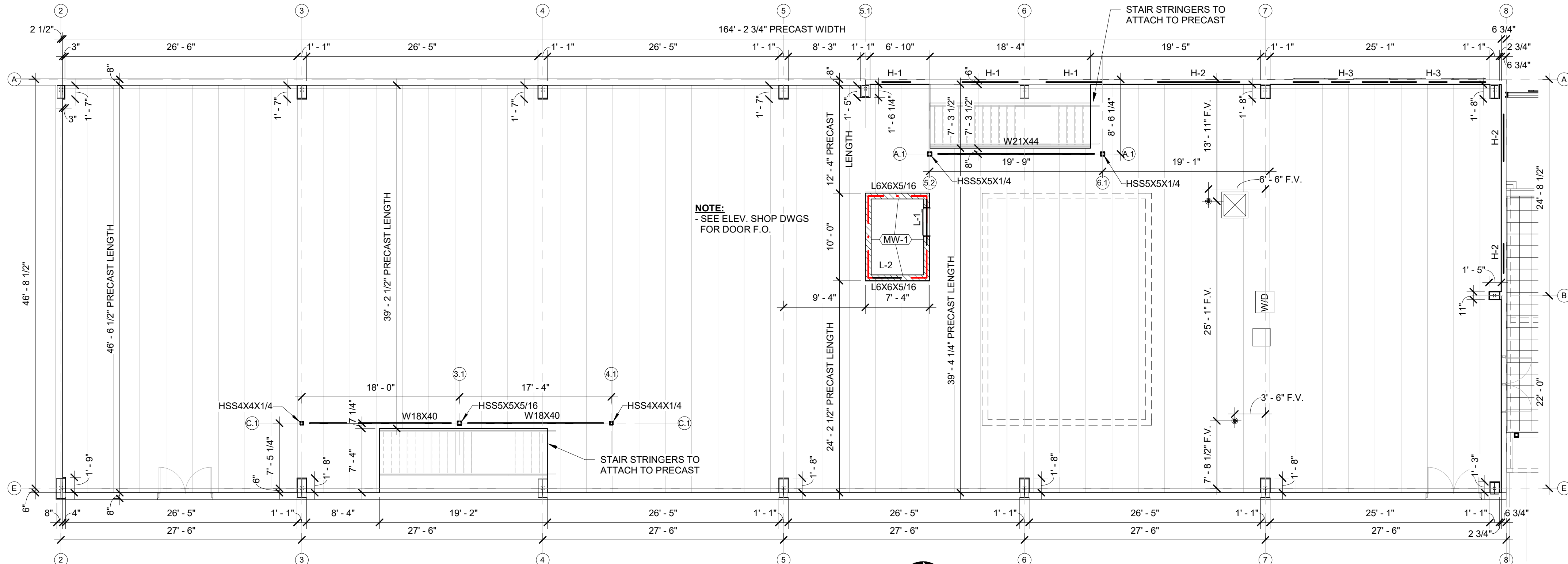


12 /S2.1 CONCRETE ENCASED ELECTRODE FROST WALL N.T.S.



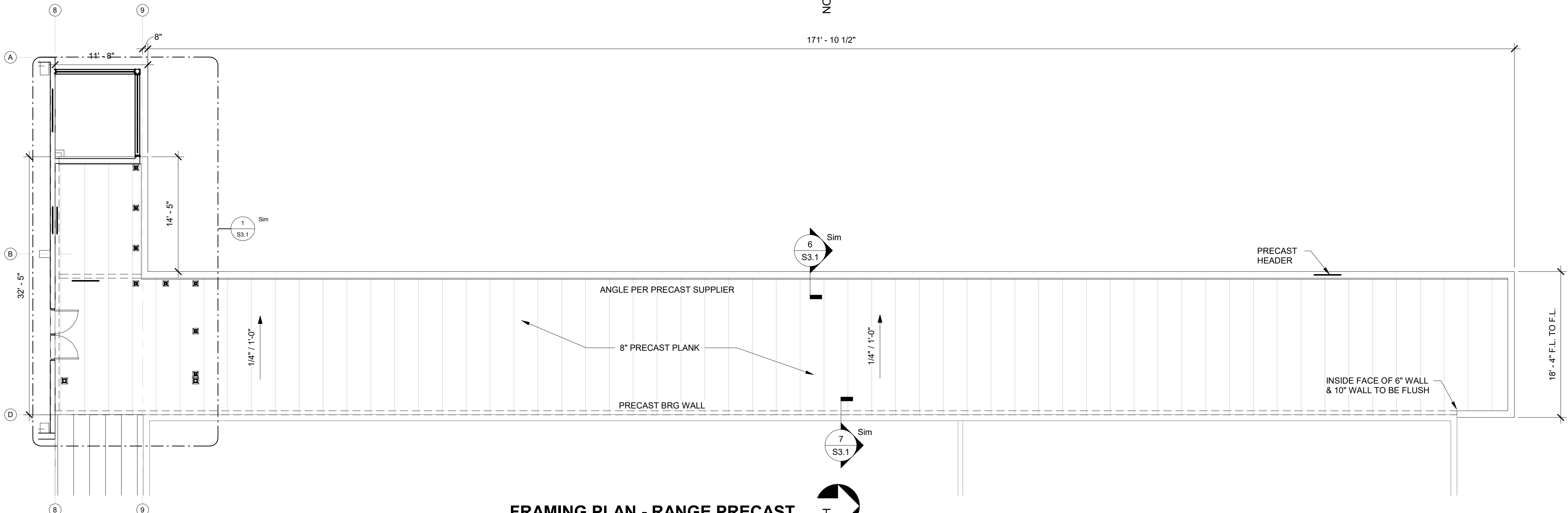
FRAMING PLAN - OVERALL

1/S3.0 SCALE = 1/16" = 1'-0"



FRAMING PLAN - 2ND FLR OFFICE PRECAST

2/S3.0 SCALE = 1/8" = 1'-0"

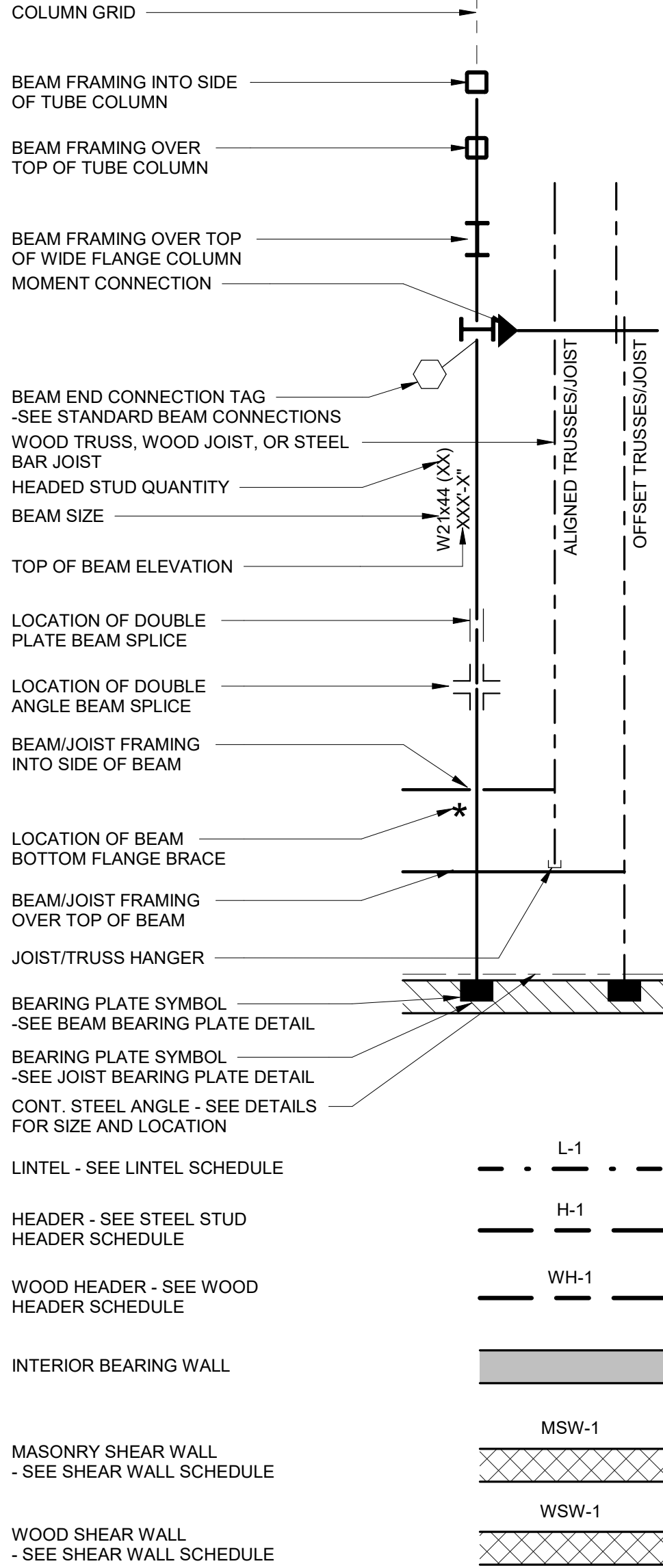


FRAMING PLAN - RANGE PRECAST

3/S3.0 SCALE = 1/8" = 1'-0"

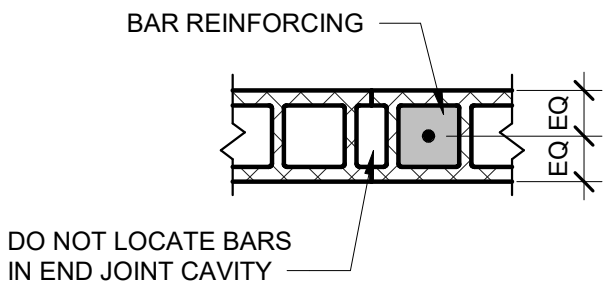


FRAMING PLAN SYMBOLS



CMU WALL NOTES

- MW-1 8" CMU WALL w/ (1) #5 VERTICAL BARS @ 48" O.C. w/ GROUT FILLED CORES FULL HEIGHT. SEE DETAIL BELOW
- MW-2 12" CMU WALL w/ (1) #5 VERTICAL BARS @ 48" O.C. w/ GROUT FILLED CORES FULL HEIGHT. SEE DETAIL BELOW



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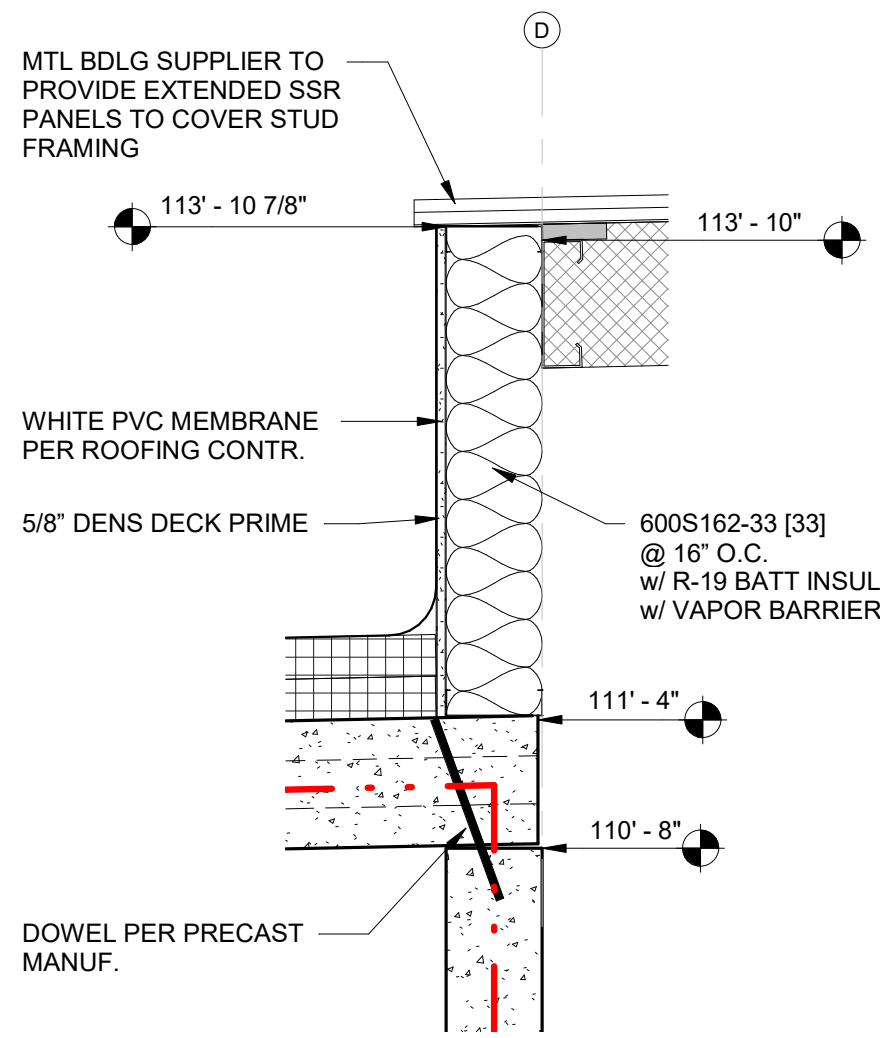
REVISIONS:

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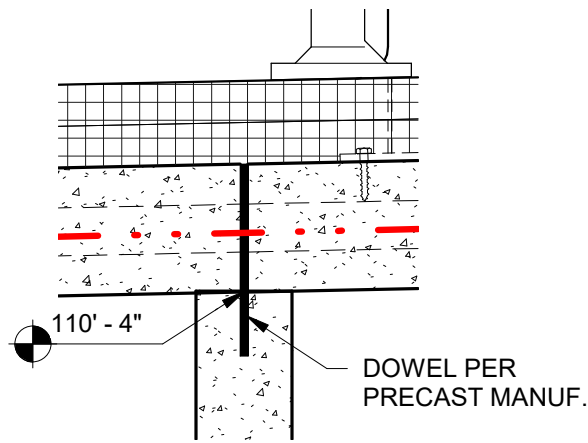
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- ☐ DESIGN REVIEW MR/SM/LP 12/19/22
- ☒ CHECKSET
- ☐ CONSTRUCTION

FRAMING PLANS

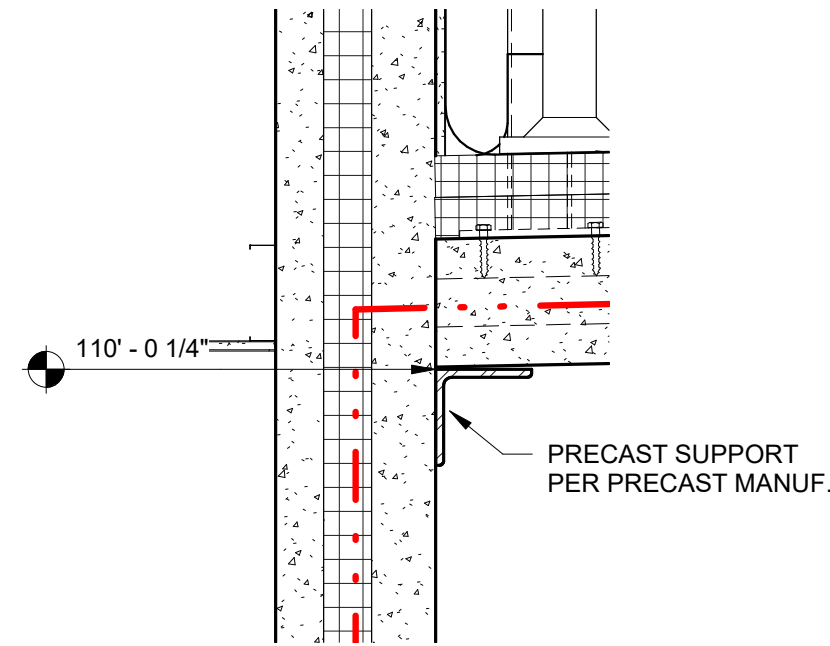
S3.0



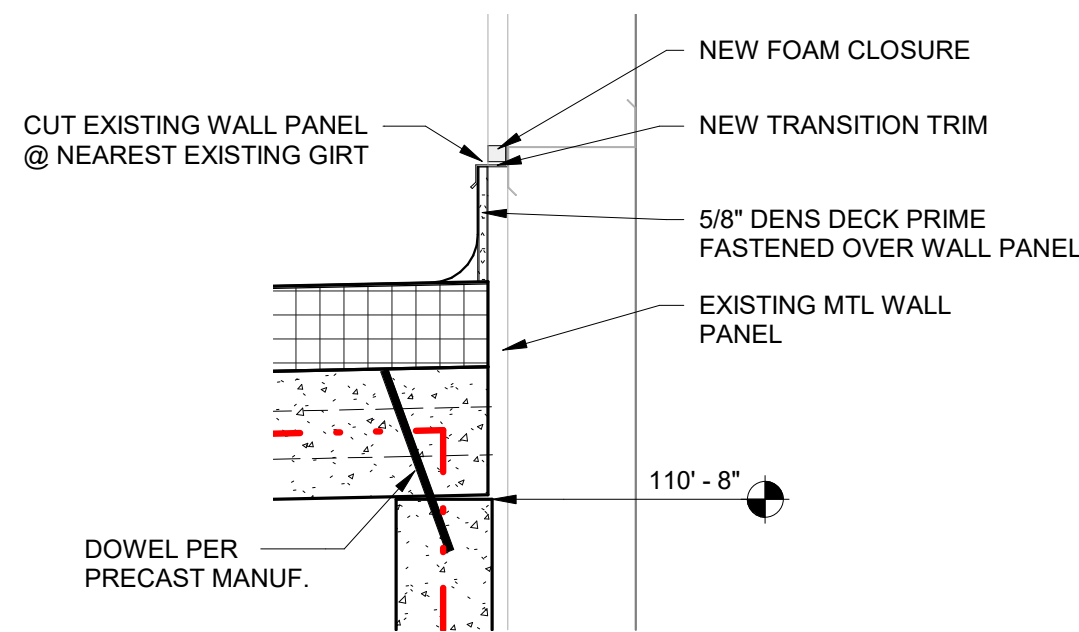
FRAMING DETAIL - '3'
4 /S3.1 SCALE = 1" = 1'-0"



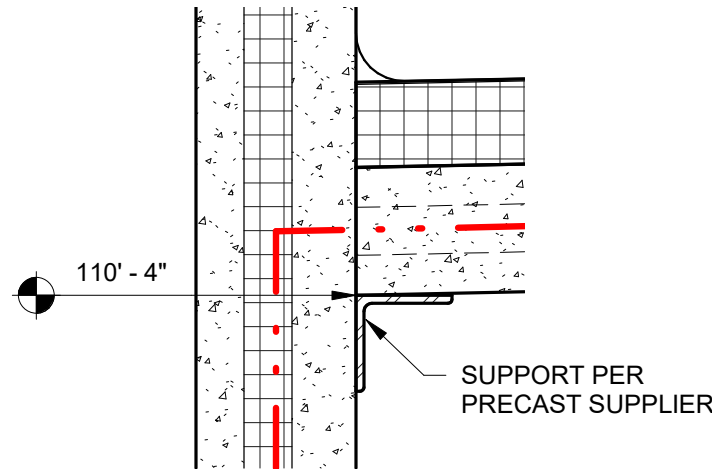
FRAMING DETAIL - '2'
3 /S3.1 SCALE = 1" = 1'-0"



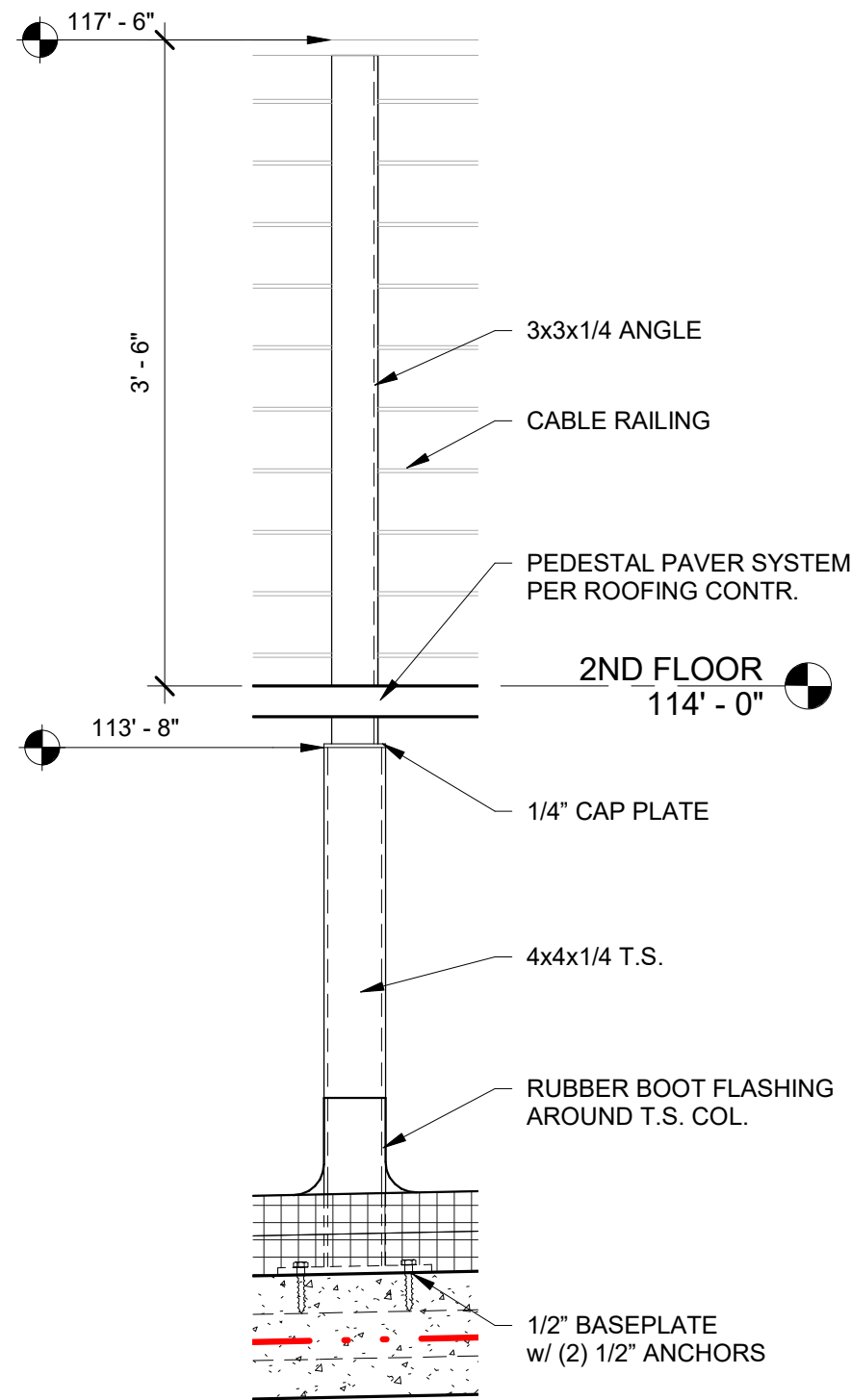
FRAMING DETAIL - '1'
2 /S3.1 SCALE = 1" = 1'-0"



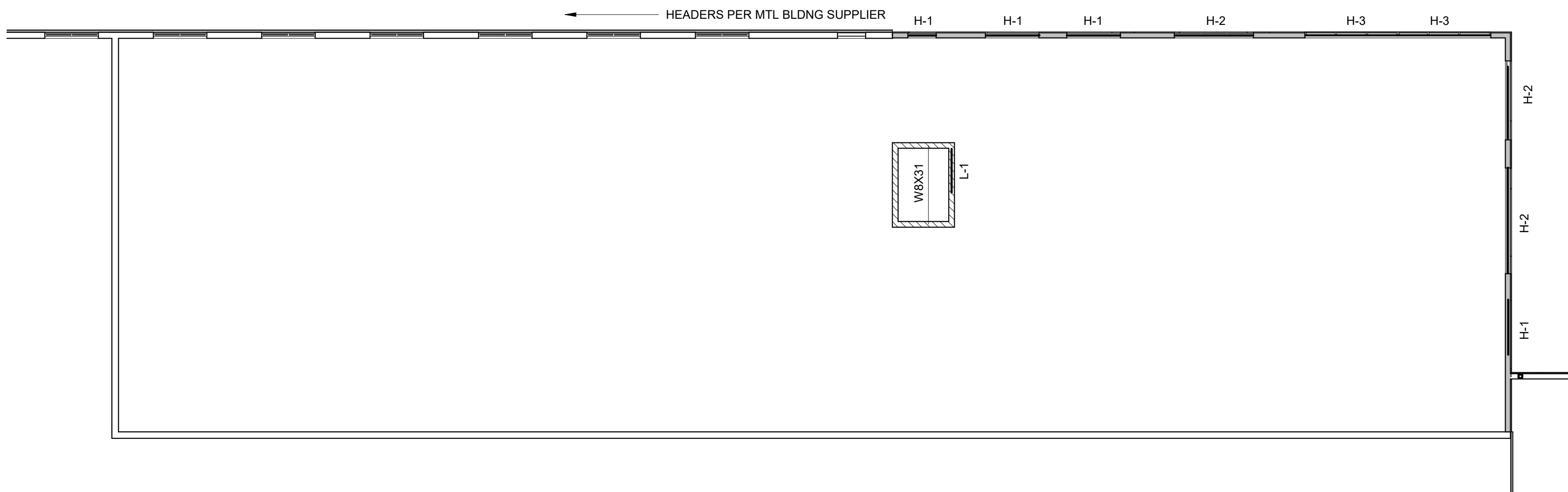
FRAMING DETAIL - '5'
7 /S3.1 SCALE = 1" = 1'-0"



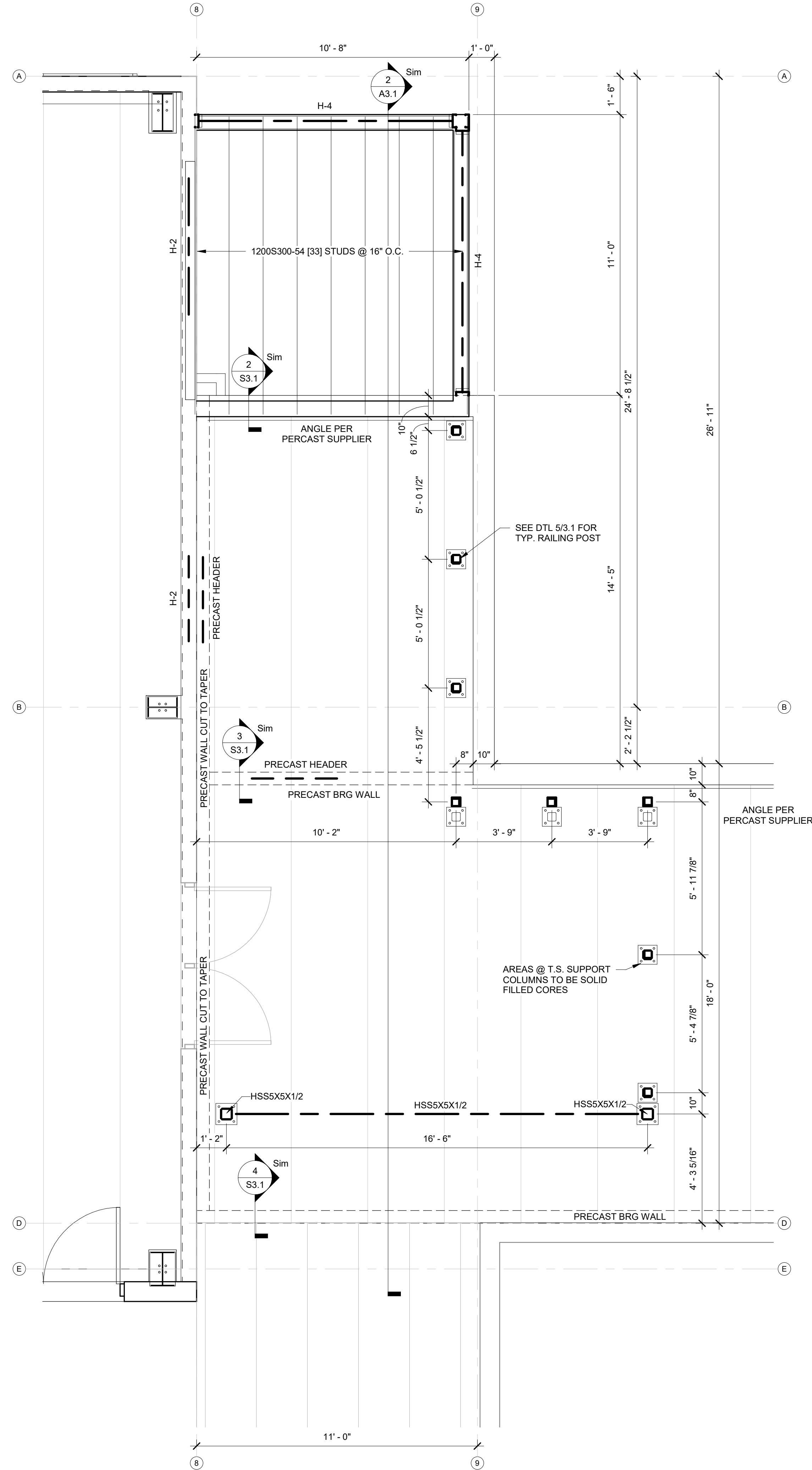
FRAMING DETAIL - '4'
6 /S3.1 SCALE = 1" = 1'-0"



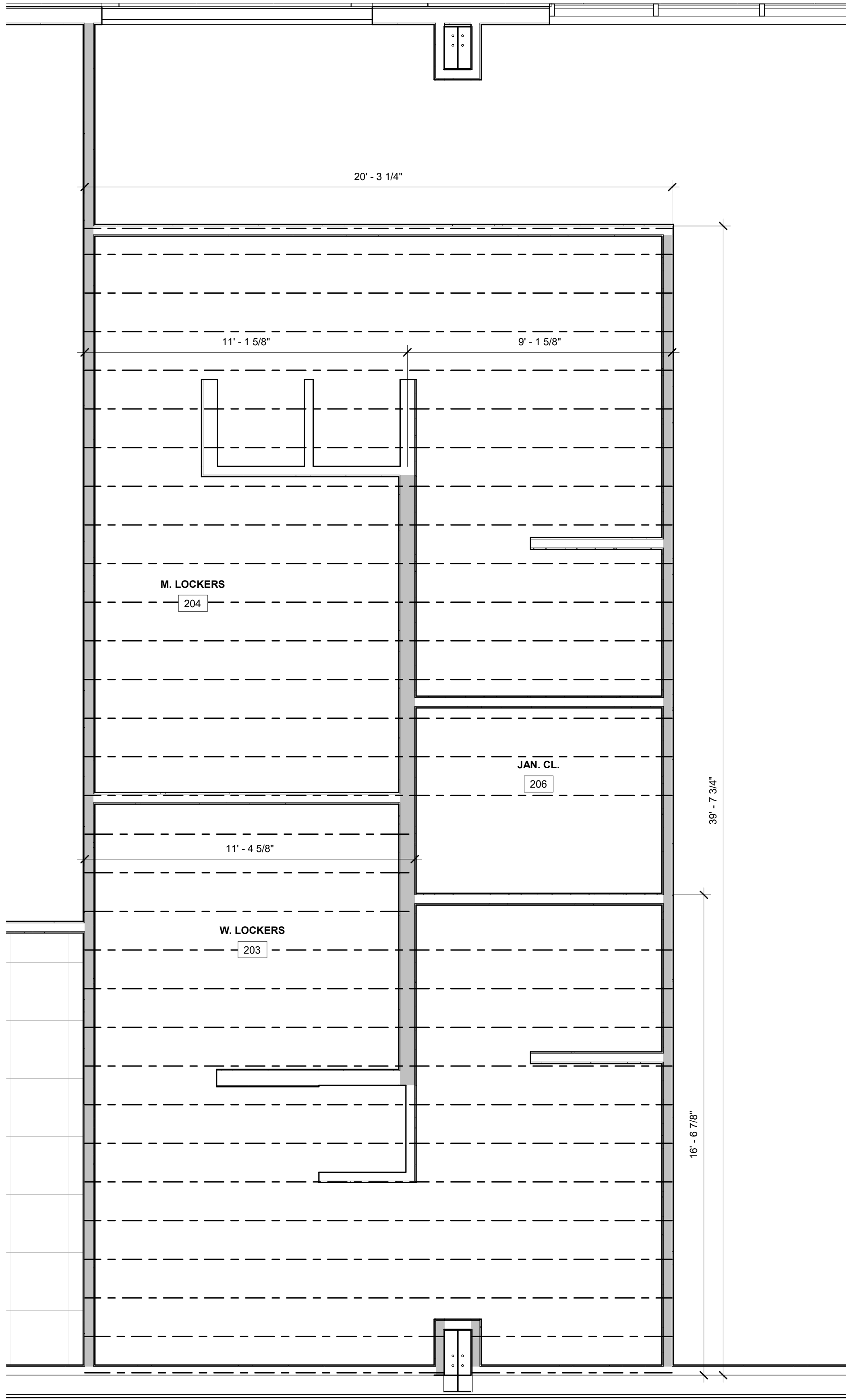
FRAMING DETAIL - PATIO RAILING
5 /S3.1 SCALE = 1" = 1'-0"



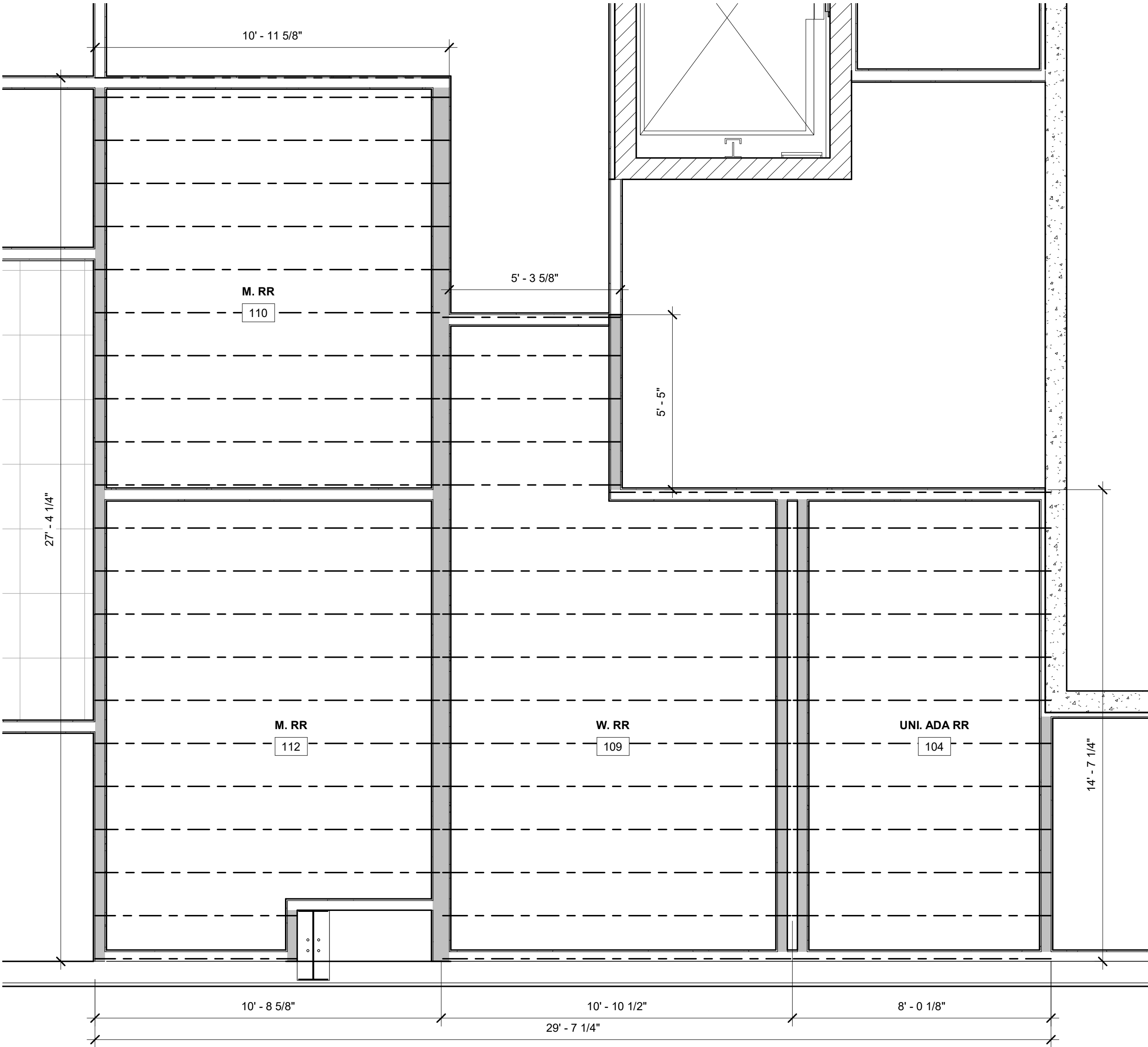
FRAMING PLAN - 2ND FLOOR HEADERS
8 /S3.1 SCALE = 3/32" = 1'-0"



FRAMING PLAN - 2ND FLR PATIO
1 /S3.1 SCALE = 3/8" = 1'-0"



FRAMING PLAN - SECOND FLOOR GYP CEILING AREA
2 /S3.2 SCALE = 3/8" = 1'-0"



FRAMING PLAN - FIRST FLOOR GYP CEILING AREA
1 /S3.2 SCALE = 3/8" = 1'-0"



PROPOSED BUILDING FOR:

GRIFFIN ARMAMENT

WATERTOWN, WISCONSIN; COUNTY OF:
JEFFERSON

SCALE VERIFICATION

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JOB NUMBER: 22-5181

PROJECT
EXECUTIVE: MATT RITTER

DRAWN BY: CMP / LJP

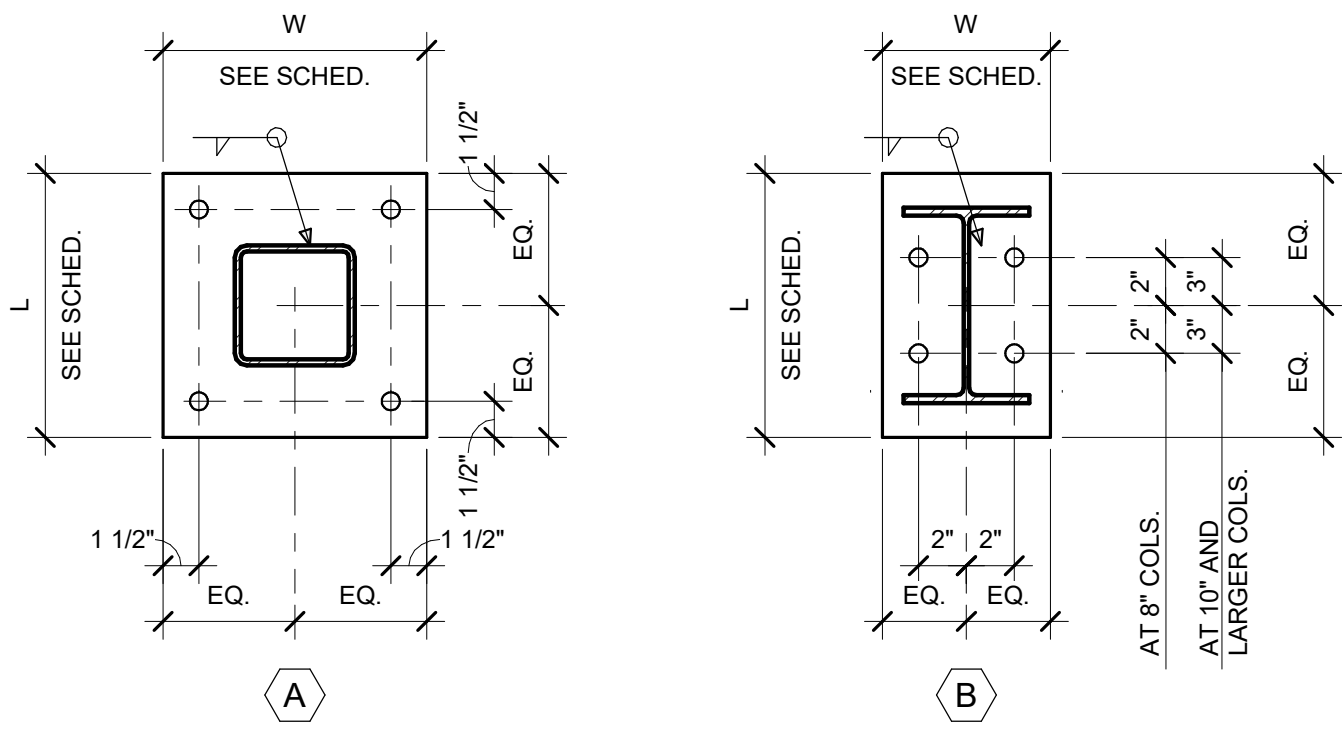
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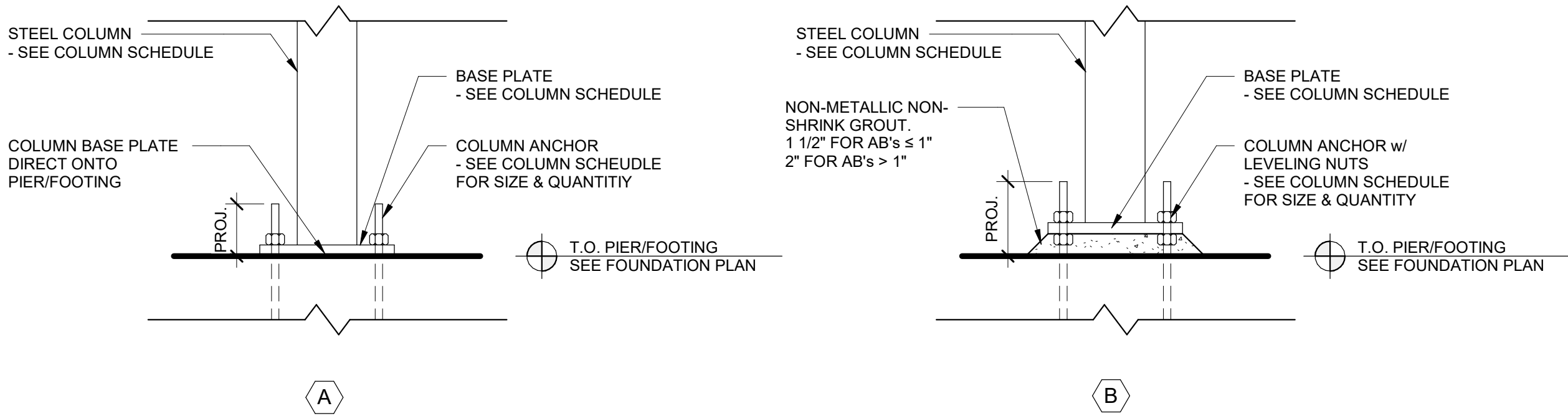
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FRAMING PLANS

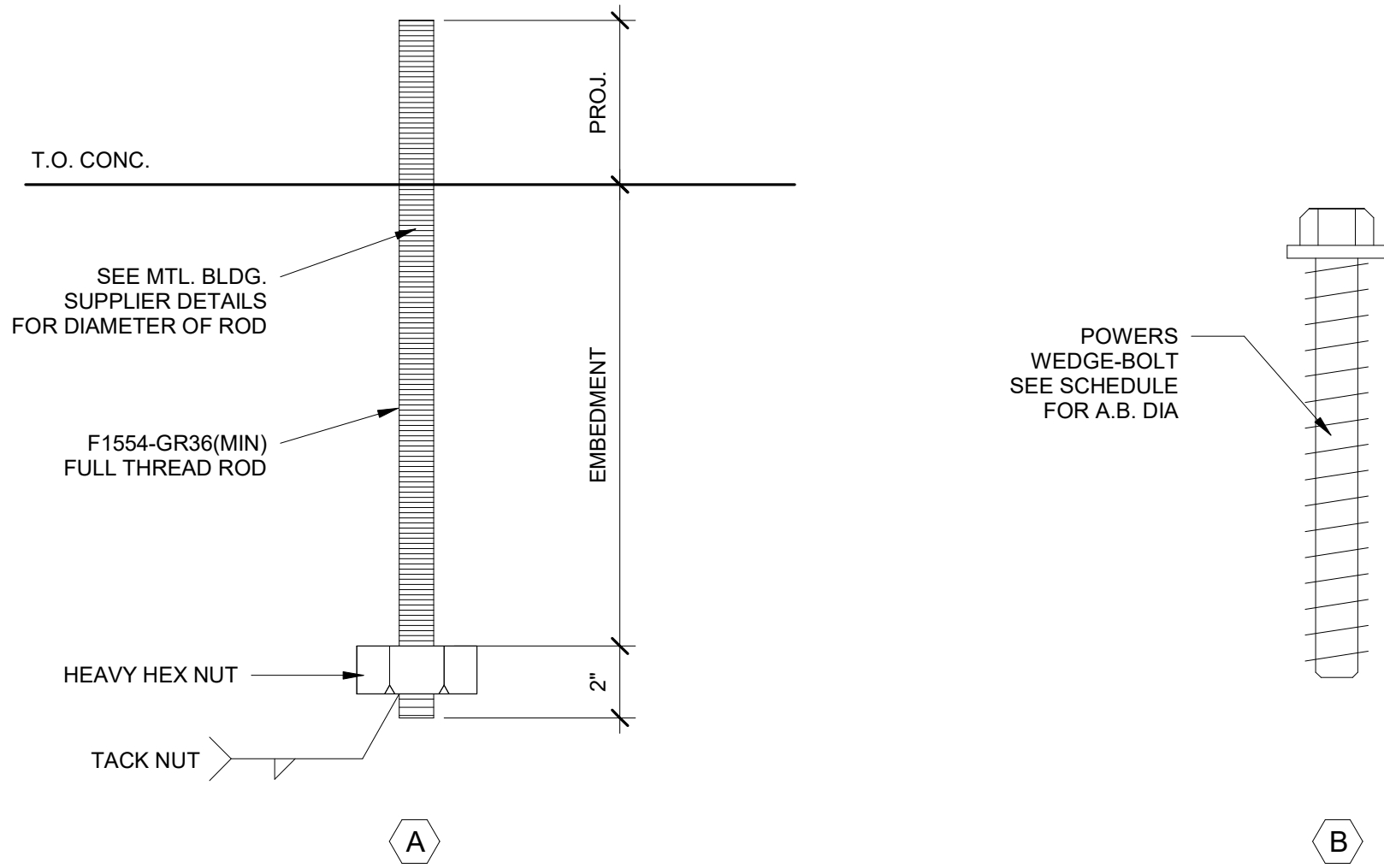
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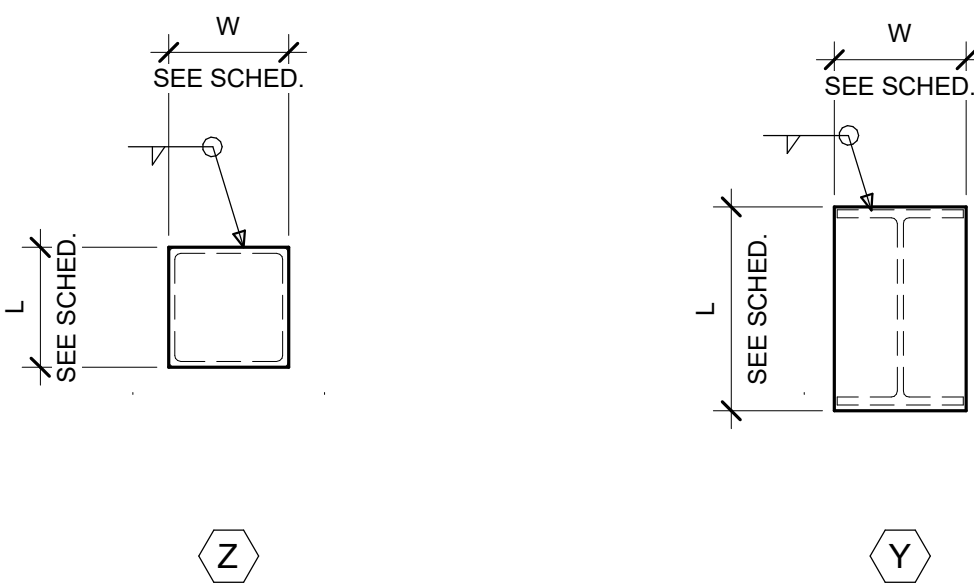
COLUMN BASE PLATE TYPES



COLUMN BASE LEVELING TYPES



COLUMN ANCHOR TYPES



COLUMN CAP PLATE TYPES

STEEL COLUMN SCHEDULE														
COLUMN LOCATION MARK	SIZE	BASEPLATE							CAP PLATE					REMARKS
		PLATE		LEVELING TYPE	QTY.	ANCHORS			PLATE		BOLTS			
		T x W x L	WELD			DIA. x L (IN.)	PROJ. (IN.)	TYPE	T x W x L	WELD	QTY.	DIA. (IN.)	TYPE	
A(1' - 9")-8														
A(1' - 9")-8(2 1/2")														
A(1' - 9")-9(-1' - 1 1/4")														
A(1' - 9")-9(-4")														
A(1' - 9")-9(-11 5/8")														
A(2' - 1 5/8")-9(-7")														
A(2' - 3 1/4")-9(-7")														
A(12' - 2 3/4")-9(-7")														
A(12' - 4 3/8")-9(-7")														
A.1-5.2	HSS5X5X1/4													
A.1-6.1	HSS5X5X1/4													
B(3' - 7 13/16")-9(2' - 11 11/16")														
B(3' - 7 13/16")-9(-9 5/16")														
B(3' - 8 1/2")-9(2' - 11")	HSS4X4X1/4													
B(3' - 8 1/2")-9(6' - 8")	HSS4X4X1/4													
B(3' - 8 1/2")-9(-10")	HSS4X4X1/4													
B(3' - 9 1/8")-9(6' - 7 3/8")														
B(9' - 8 5/16")-9(6' - 8")	HSS4X4X1/4													
B(9' - 9")-9(6' - 7 3/8")														
B(-5' - 8 7/8")-9(-10 11/16")														
B(-5' - 9 1/2")-9(-10")	HSS4X4X1/4													
B(-8 3/8")-9(-10 11/16")														
B(-9")-9(-10")	HSS4X4X1/4													
B(-10' - 10 11/16")-9(-10 11/16")														
B(-10' - 10")-9(-10")	HSS4X4X1/4													
C.1-3	HSS4X4X1/4													
C.1-3.1	HSS5X5X5/16													
C.1-4.1	HSS4X4X1/4													
D(-4' - 3 5/16")-8(1' - 2")	HSS5X5X1/2													
D(-4' - 3 5/16")-9(6' - 8")	HSS5X5X1/2													
D(-5' - 0 11/16")-9(6' - 7 3/8")														
D(-5' - 1 5/16")-9(6' - 8")	HSS4X4X1/4													



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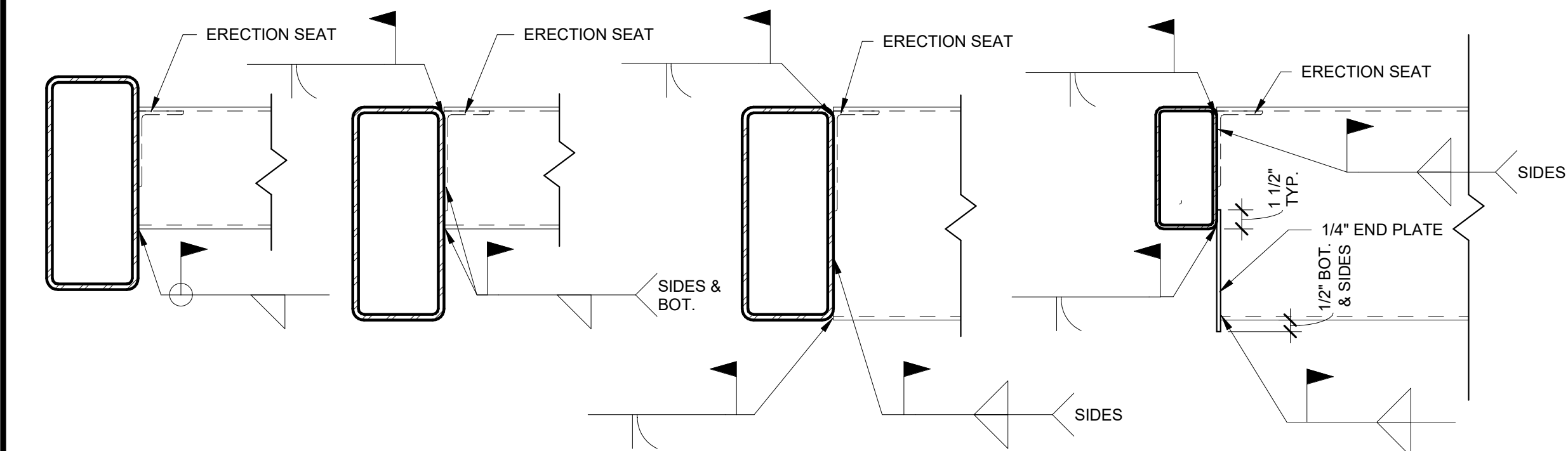
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BY:

- ☐ PRELIMINARY
☐ BID SET
☐ DESIGN REVIEW MR/SM/LP 12/19/22
☒ CHECKSET
☐ CONSTRUCTION

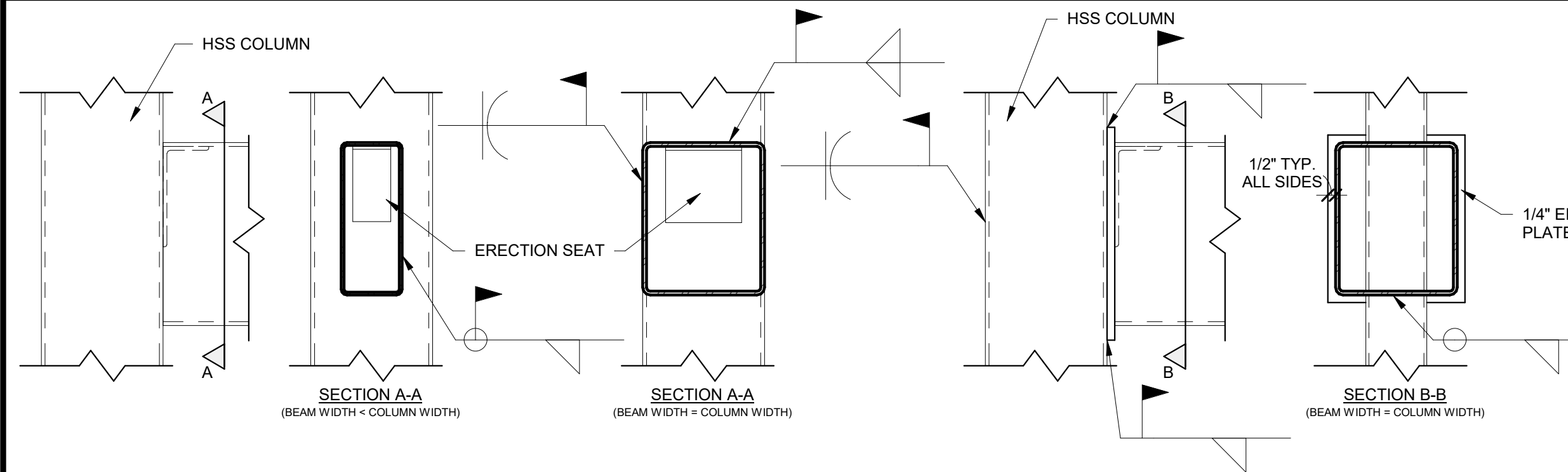
STRUCTURAL SCHEDULES &
DETAILS

S4.0

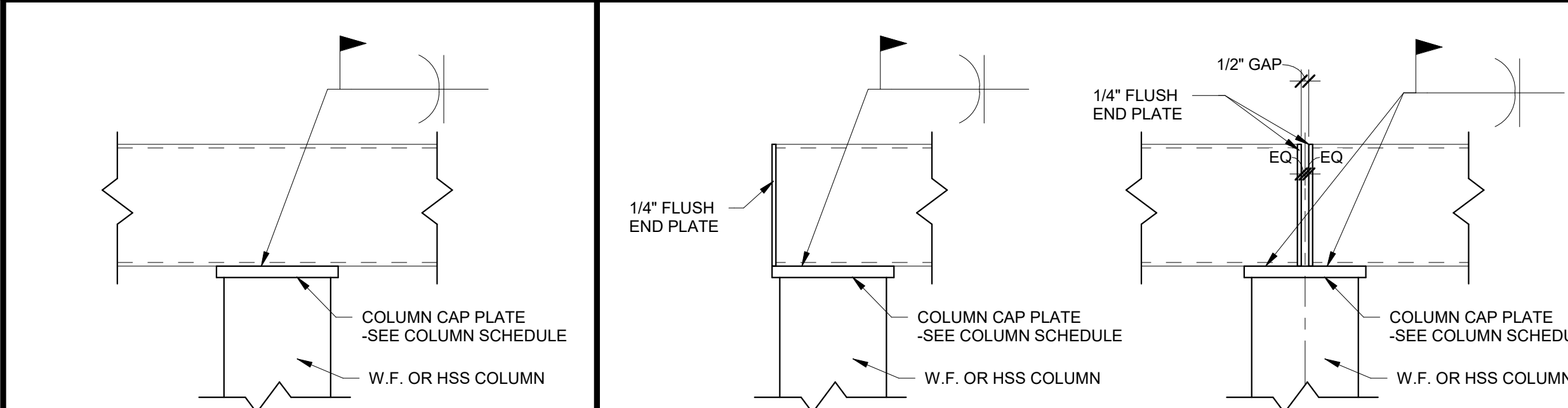
STANDARD HSS BEAM CONNECTION DETAILS



L BEAM/BEAM SINGLE ANGLE
SEE FRAMING PLANS FOR BEAM SIZES



M BEAM/BEAM SINGLE ANGLE
SEE FRAMING PLANS FOR BEAM SIZES



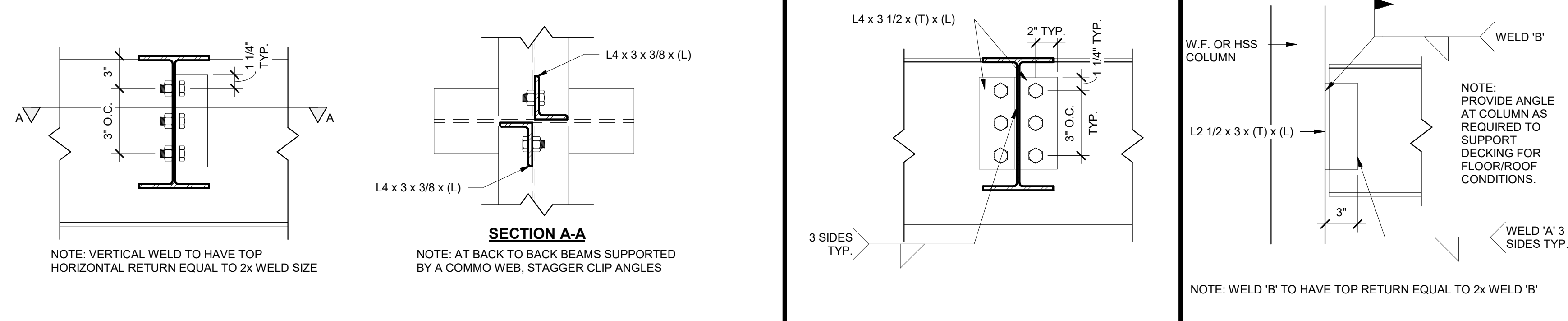
N BEAM/BEAM SINGLE ANGLE
SEE FRAMING PLANS FOR BEAM SIZES

O BEAM/BEAM SINGLE ANGLE
SEE FRAMING PLANS FOR BEAM SIZES

STANDARD BEAM CONNECTION SCHEDULE

	BEAM SIZE	BOLT DIA.	NO. OF BOLT ROWS	(T) CONN. THICKNESS (MIN.)	(L) CONN. LENGTH (MIN.)	CONN. WELDMENT (MIN.)	REMARKS		BEAM SIZE	WELD 'A' SIZE	WELD 'B' SIZE	(T) CONN. THICKNESS (MIN.)	(L) CONN. LENGTH (MIN.)	REMARKS
SHEAR TAB DETAIL E	W8, W10	3/4"	2	3/8"	6"	3/16"		STIFFENER TAB DETAIL I	W8, W10	1/4"	5/16"	3/8"	5 1/2"	
	W12, W14	3/4"	3	3/8"	9"	3/16"			W12, W14	1/4"	5/16"	3/8"	8 1/2"	
	W16	3/4"	4	3/8"	12"	3/16"			W16	1/4"	5/16"	3/8"	11 1/2"	
	W18, W21	3/4"	5	3/8"	15"	3/16"			W18, W21	1/4"	5/16"	3/8"	14 1/2"	
	W24	3/4"	6	1/2"	18"	1/4"			W24	1/4"	5/16"	3/8"	17 1/2"	
	W27, W30, W33, W36	3/4"	7	1/2"	21"	1/4"			W27, W30, W33, W36	1/4"	5/16"	3/8"	20 1/2"	
DBL. ANGLE DETAIL B & D	W8, W10	3/4"	2	5/16"	5 1/2"	1/4"		STANDARD BEAM CONNECTION SCHEDULE NOTES: 1. REFER TO FRAMING PLANS FOR CONNECTION ASSIGNMENTS 2. (T) DIMENSION APPLIES TO DOUBLE ANGLE AND SHEAR TAB CONNECTIONS ONLY USE L4x3x3/8 AT SINGLE ANGLE CONNECTIONS, UNLESS NOTED OTHERWISE	W8, W10	1/4"	5/16"	3/8"	5 1/2"	
	W12, W14	3/4"	3	5/16"	8 1/2"	1/4"			W12, W14	1/4"	5/16"	3/8"	8 1/2"	
	W16	3/4"	4	5/16"	11 1/2"	1/4"			W16	1/4"	5/16"	3/8"	11 1/2"	
	W18, W21	3/4"	5	5/16"	14 1/2"	1/4"			W18, W21	1/4"	5/16"	3/8"	14 1/2"	
	W24	3/4"	6	5/16"	17 1/2"	1/4"			W24	1/4"	5/16"	3/8"	17 1/2"	
	W27, W30, W33, W36	3/4"	7	5/16"	20 1/2"	1/4"			W27, W30, W33, W36	1/4"	5/16"	3/8"	20 1/2"	
SINGLE ANGLE DETAIL A	W8, W10	3/4"	2	-	5 1/2"	1/4"		SHEAR TAB DETAIL J	W8, W10	1/4"	5/16"	3/8"	5 1/2"	
	W12, W14	3/4"	3	-	8 1/2"	1/4"			W12, W14	1/4"	5/16"	3/8"	8 1/2"	
	W16	3/4"	4	-	11 1/2"	1/4"			W16	1/4"	5/16"	3/8"	11 1/2"	
	W18, W21	3/4"	5	-	14 1/2"	1/4"			W18, W21	1/4"	5/16"	3/8"	14 1/2"	
	W24	3/4"	6	-	17 1/2"	1/4"			W24	1/4"	5/16"	3/8"	17 1/2"	
	W27, W30, W33, W36	3/4"	7	-	20 1/2"	1/4"			W27, W30, W33, W36	1/4"	5/16"	3/8"	20 1/2"	
SPICE PLATE DETAIL K	W8, W10	3/4"	2	1/4"	6"	-		STIFFENER PLATE DETAIL L	W8, W10	1/4"	5/16"	3/8"	5 1/2"	
	W12, W14	3/4"	3	1/4"	9"	-			W12, W14	1/4"	5/16"	3/8"	8 1/2"	
	W16	3/4"	4	1/4"	12"	-			W16	1/4"	5/16"	3/8"	11 1/2"	
	W18, W21	3/4"	5	1/4"	15"	-			W18, W21	1/4"	5/16"	3/8"	14 1/2"	
	W24	3/4"	6	5/16"	18"	-			W24	1/4"	5/16"	3/8"	17 1/2"	
	W27, W30, W33, W36	3/4"	7	5/16"	21"	-			W27, W30, W33, W36	1/4"	5/16"	3/8"	20 1/2"	

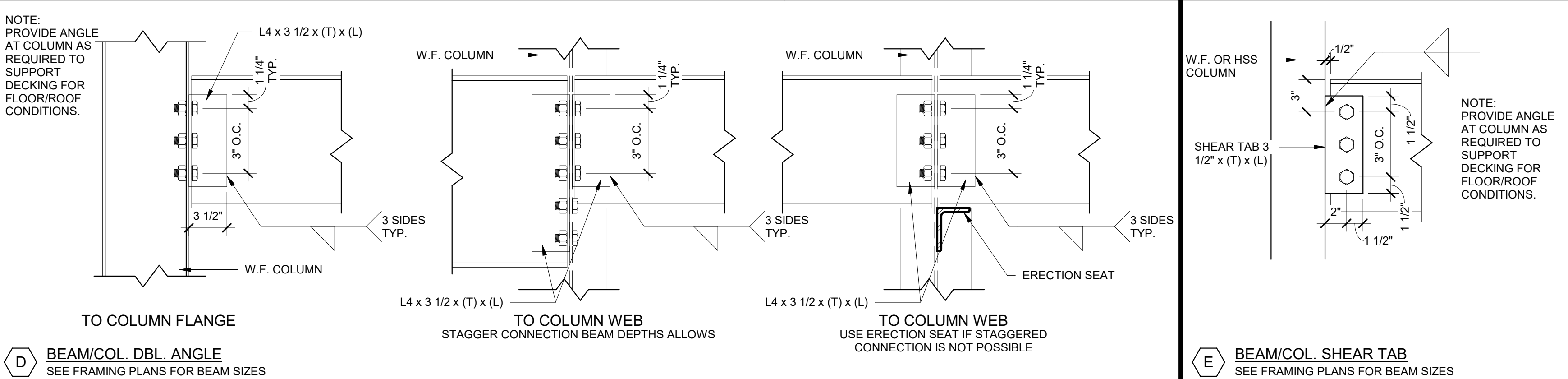
STANDARD W.F. BEAM CONNECTION DETAILS



A BEAM/BEAM SINGLE ANGLE
SEE FRAMING PLANS FOR BEAM SIZES

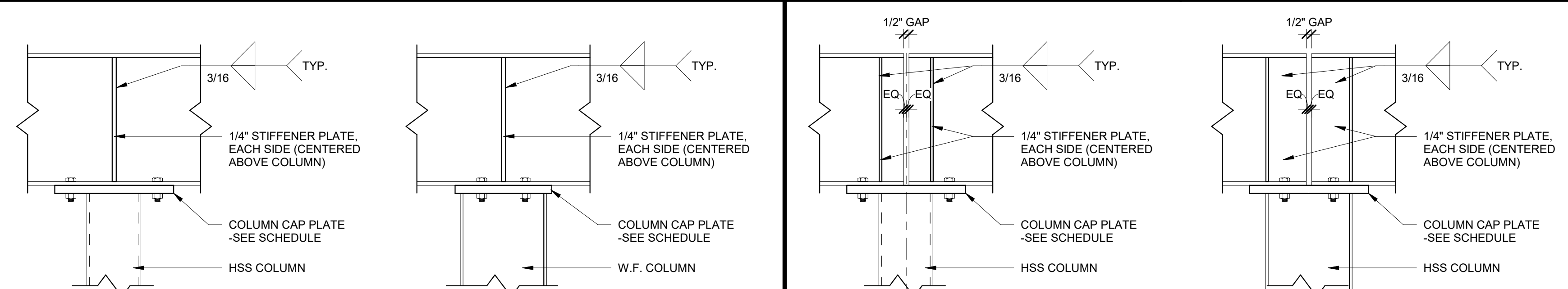
B BEAM/BEAM SINGLE ANGLE
SEE FRAMING PLANS FOR BEAM SIZES

C WELDED DBL. ANGLE
SEE FRAMING PLANS FOR BEAM SIZES



D BEAM/COL. DBL. ANGLE
SEE FRAMING PLANS FOR BEAM SIZES

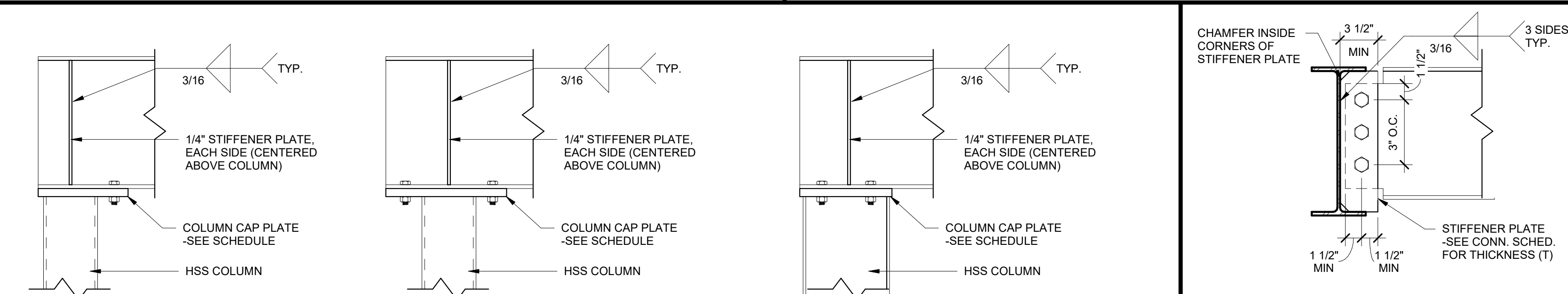
E BEAM/COL. SHEAR TAB
SEE FRAMING PLANS FOR BEAM SIZES



F CONT. BEAM TO COL.
SEE FRAMING PLANS FOR BEAM SIZES

G BEAM TO COLUMN
SEE FRAMING PLANS FOR BEAM SIZES

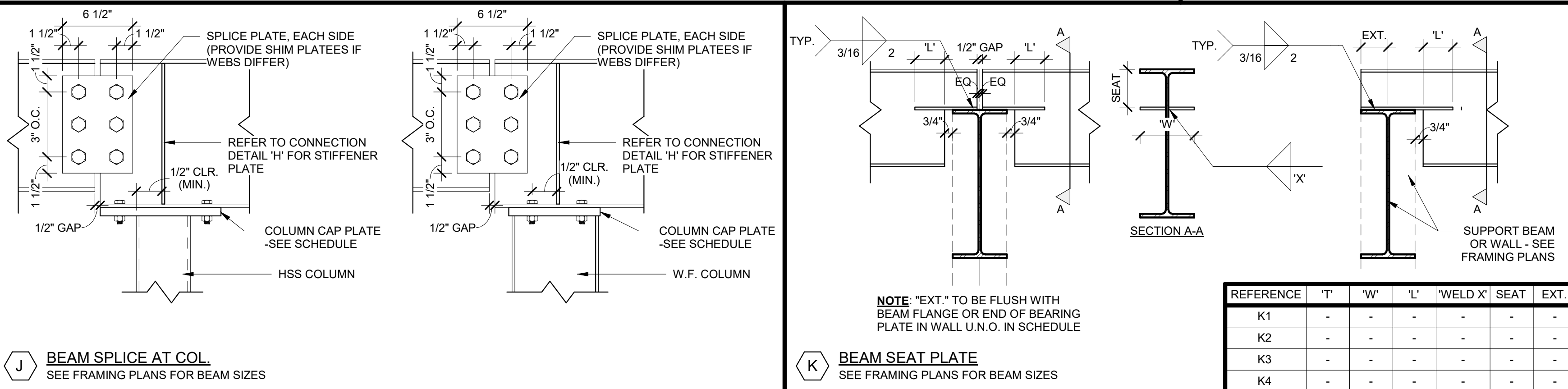
H BEAM/STIFFENER PLATE
SEE FRAMING PLANS FOR BEAM SIZES



H CONT. BEAM TO COL.
SEE FRAMING PLANS FOR BEAM SIZES

I BEAM TO COLUMN
SEE FRAMING PLANS FOR BEAM SIZES

J BEAM/STIFFENER PLATE
SEE FRAMING PLANS FOR BEAM SIZES

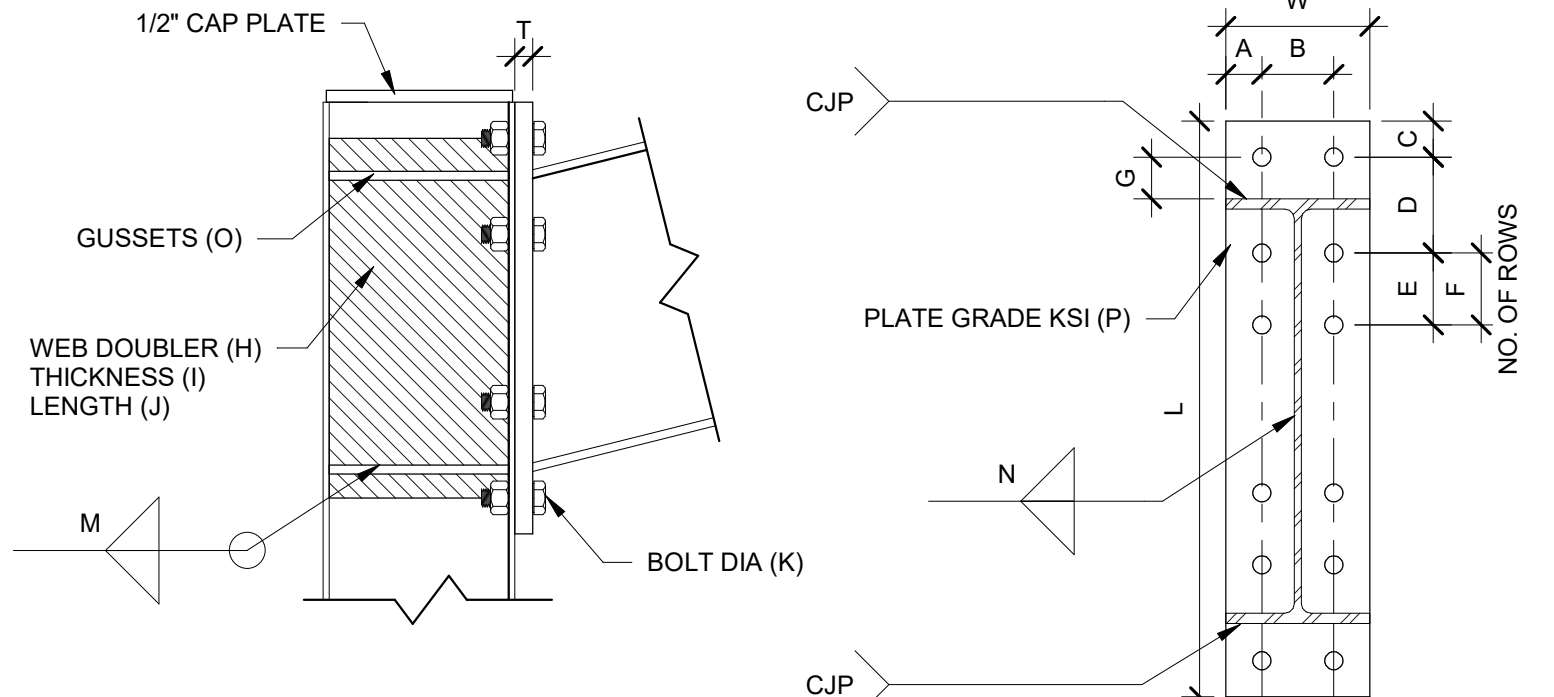


J BEAM SPICE AT COL.
SEE FRAMING PLANS FOR BEAM SIZES

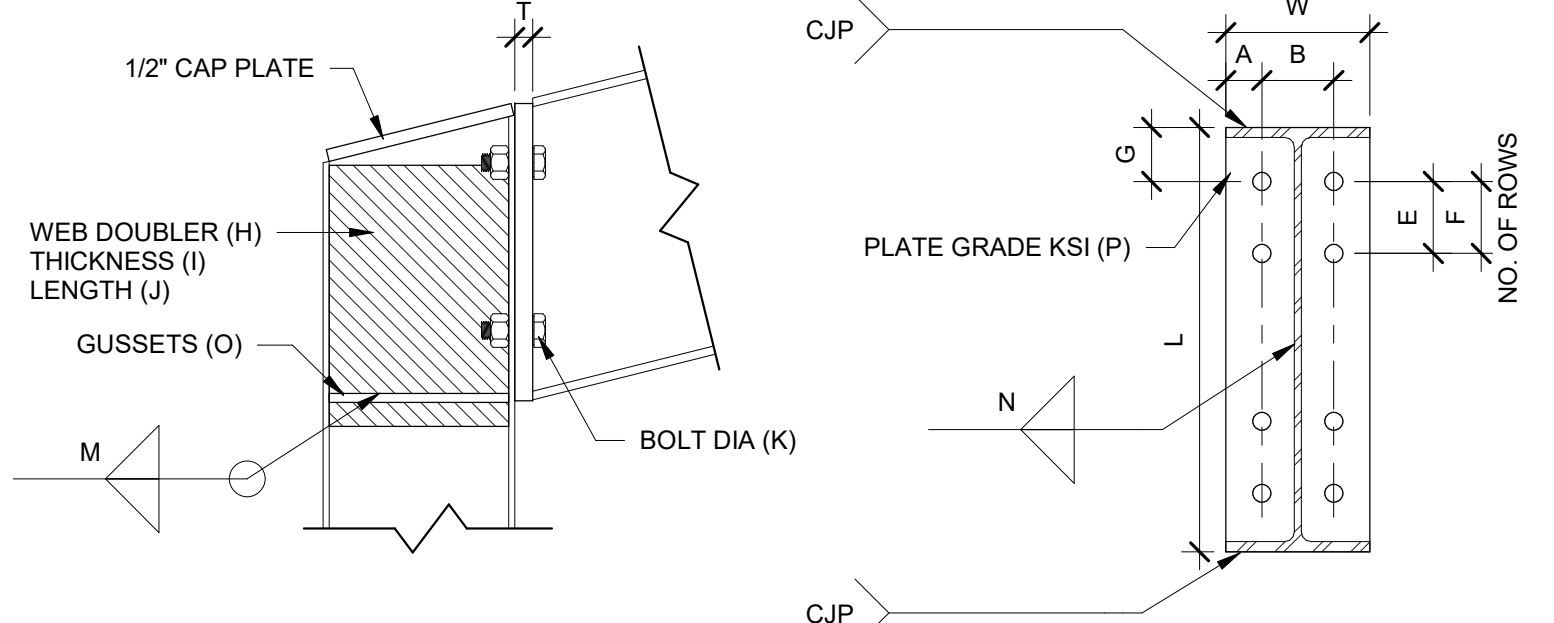
K BEAM SEAT PLATE
SEE FRAMING PLANS FOR BEAM SIZES

L BEAM/STIFFENER PLATE
SEE FRAMING PLANS FOR BEAM SIZES

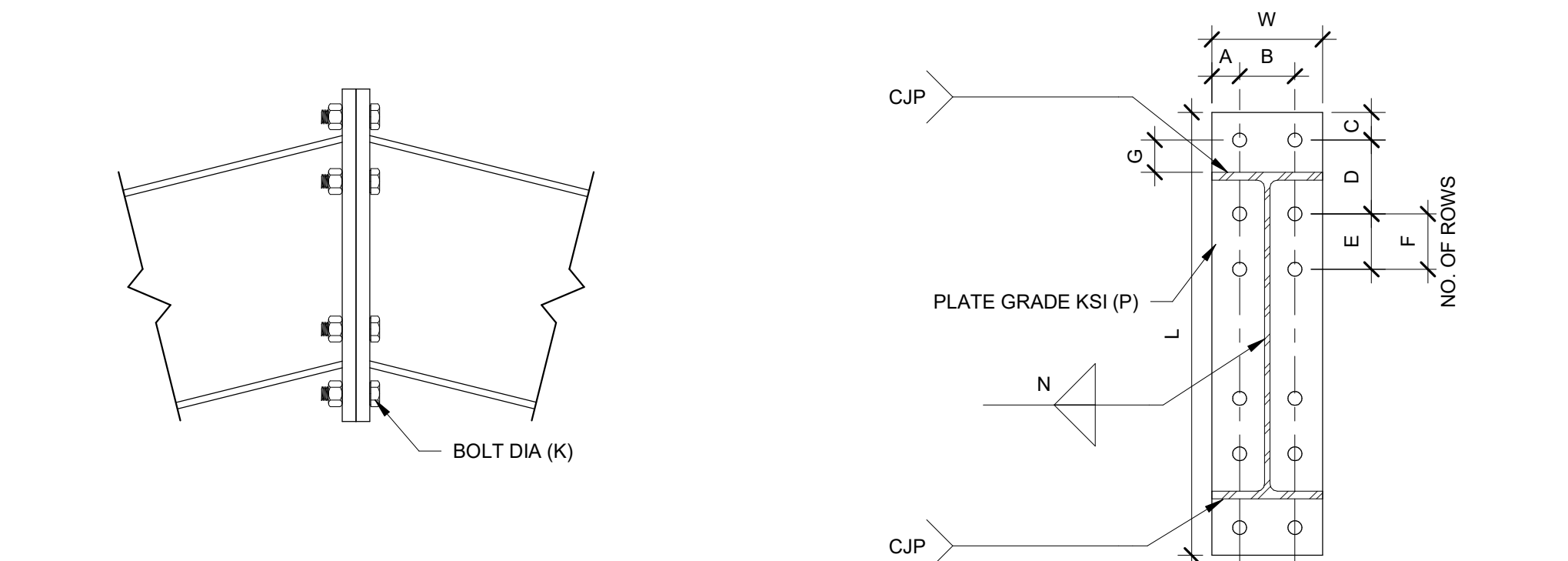
STANDARD W.F. BEAM CONNECTION DETAILS



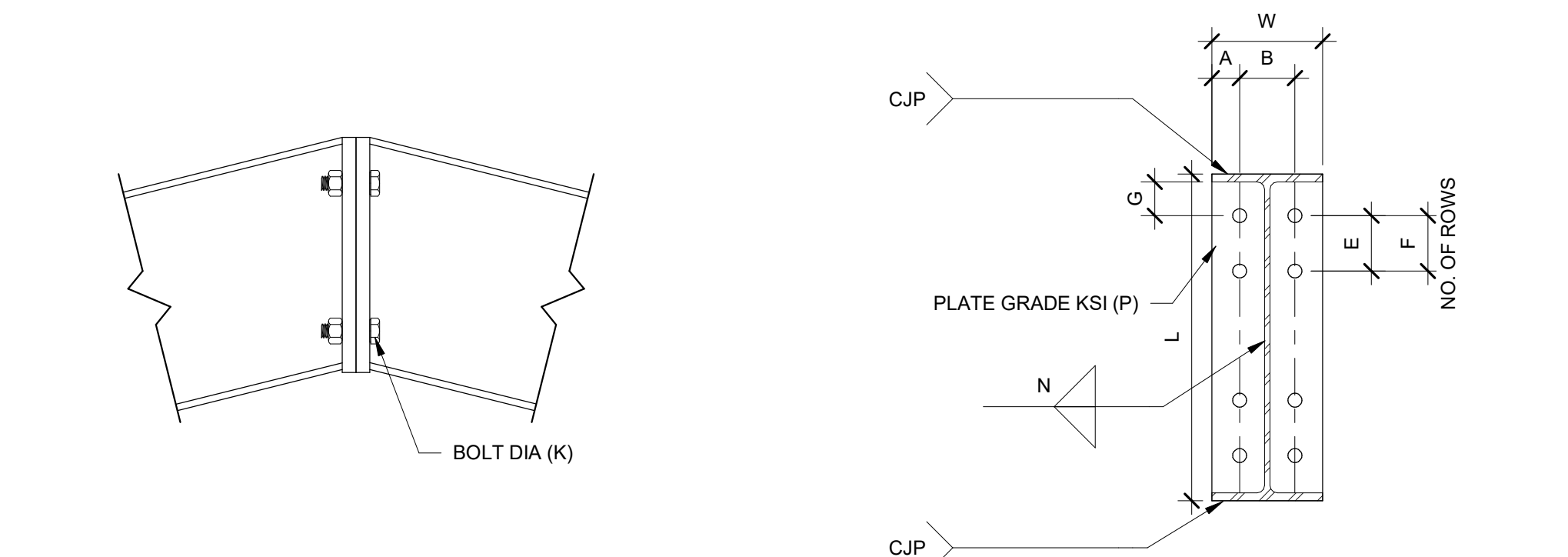
COLUMN/BEAM EAVE EXTENDED MOMENT IF SPACE BETWEEN TOP AND BOTTOM HOLES IS GREATER
SEE FRAMING PLANS FOR BEAM SIZES THAN 12" ADD 1 ROW OF BOLTS CENTER OF PLATE

[illegible]

Q COLUMN/BEAM EAVE FLUSH MOMENT
SEE FRAMING PLANS FOR BEAM SIZES

[illegible]

BEAM/BEAM PEAK EXTENDED MOMENT
SEE FRAMING PLANS FOR BEAM SIZES

[illegible]

BEAM/BEAM PEAK FLUSH MOMENT IF SPACE BETWEEN TOP AND BOTTOM HOLES IS GREATER THAN 12" ADD 1 ROW OF BOLTS CENTER OF PLATE

[illegible]

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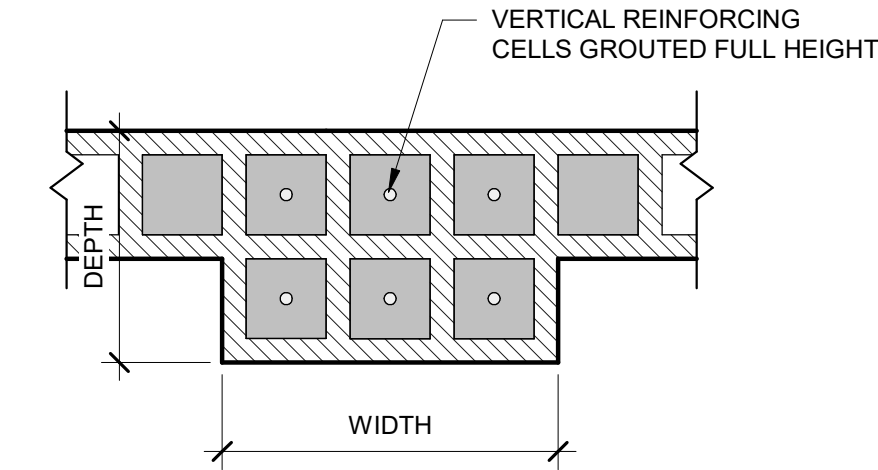
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BY:

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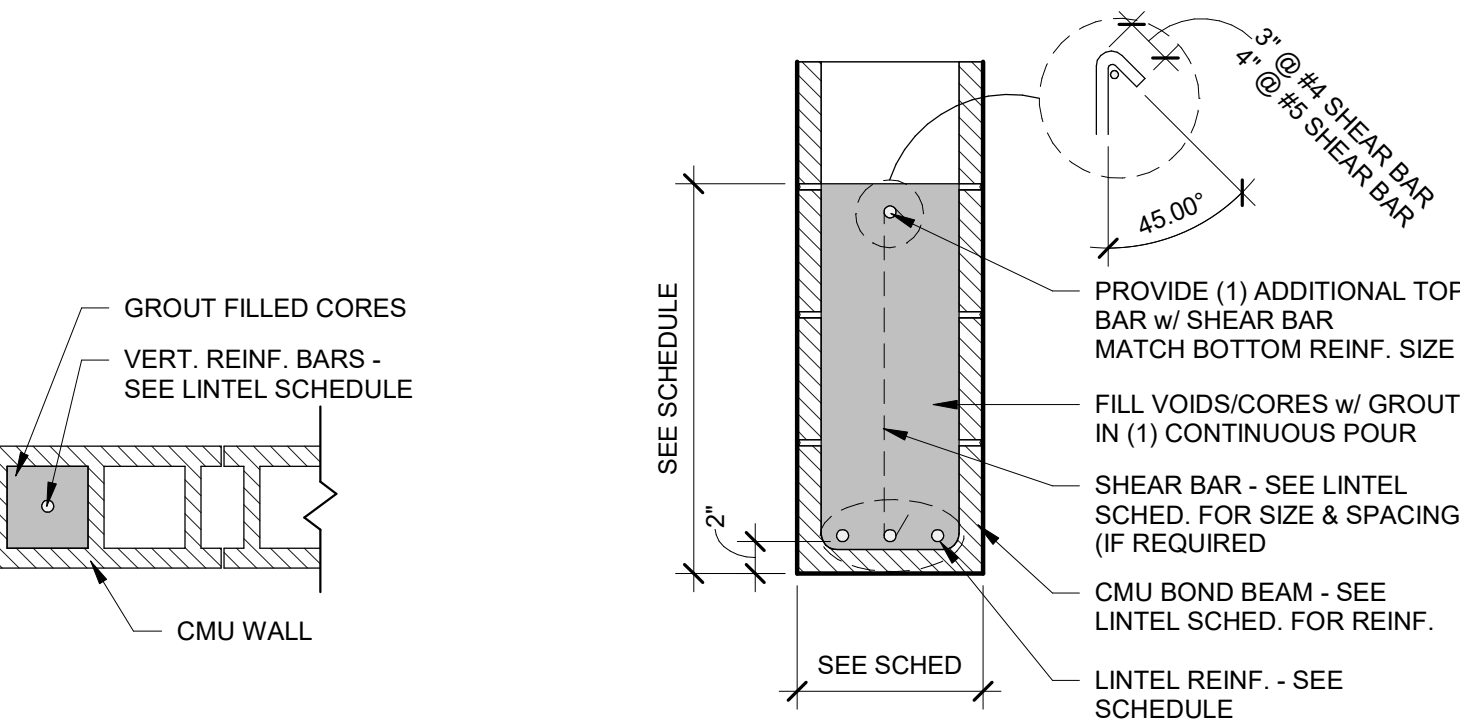
STRUCTURAL SCHEDULES & DETAILS

S4.2

MASONRY PIER SCHEDULE			
MARK	WIDTH	DEPTH	VERT REINFORCING
MP-1	16"	8"	(2) #5
MP-2	16"	16"	(4) #5
MP-3	24"	8"	(3) #5
MP-4	24"	16"	(6) #5
MP-5	16"	12"	(2) #5
MP-6	16"	24"	(4) #5
MP-7	24"	12"	(3) #5
MP-8	24"	24"	(6) #5



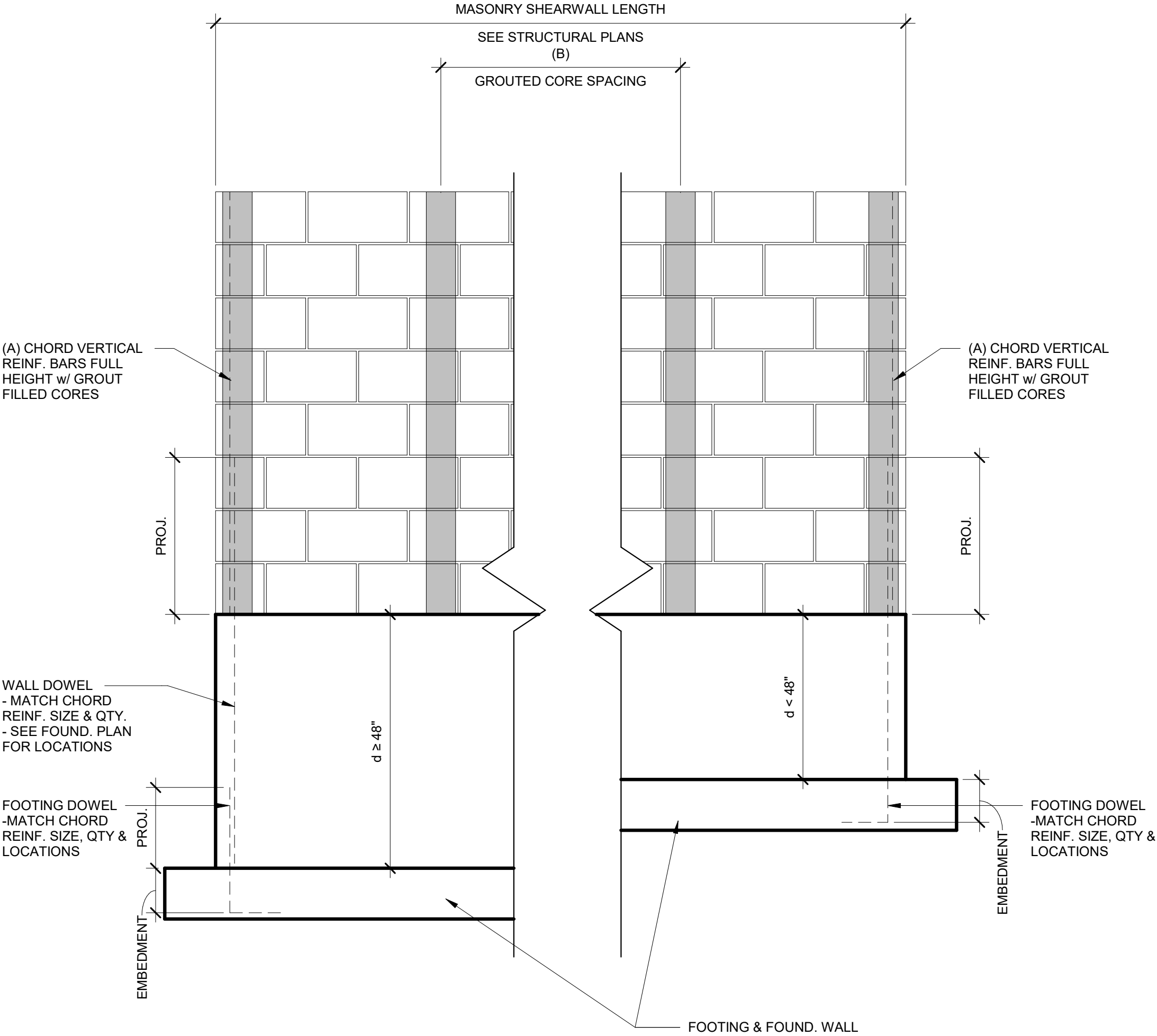
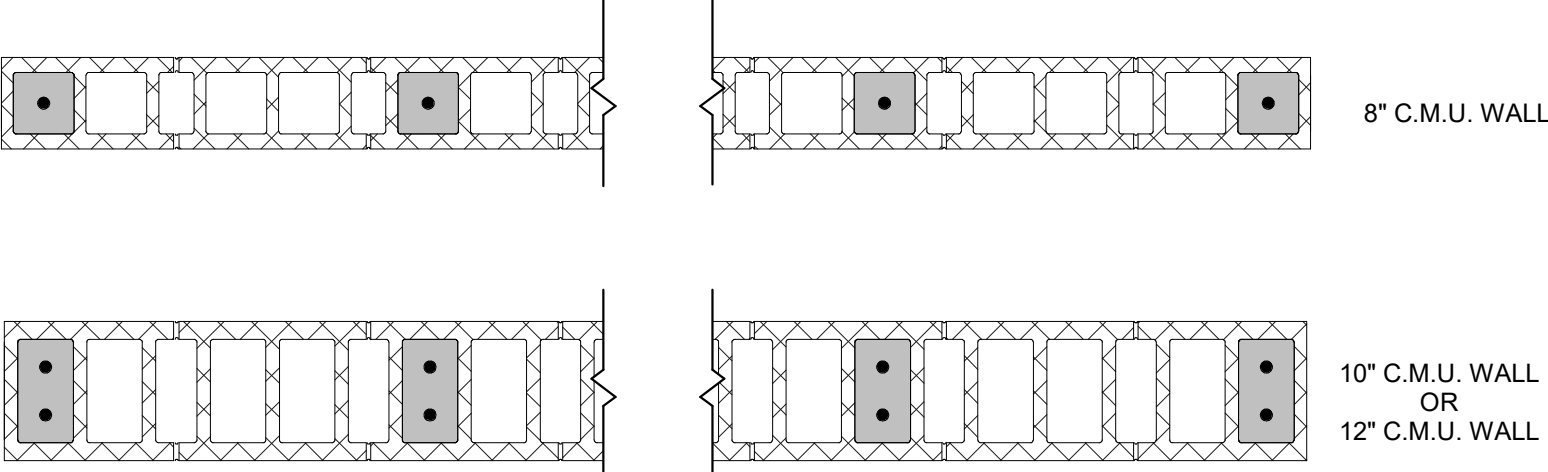
CMU LINTEL SCHEDULE							
MARK	CMU BEAM		VERTICAL SHEAR BARS	END BEARING	BEARING REQUIREMENTS		
	SIZE	REINF.			VERT. BARS	GROUT	HEIGHT
L-1	8" x 8" HIGH	(1) #5	-	8"	#5	1	FULL HEIGHT
L-2	8" x 16" HIGH	(2) #5	-	8"	#5	1	FULL HEIGHT
L-3	8" x 24" HIGH	(3) #5	-	16"	#5	2	FULL HEIGHT
L-4	12" x 8" HIGH	(1) #5	-	8"	#5	1	FULL HEIGHT
L-5	12" x 16" HIGH	(2) #5	-	8"	#5	1	FULL HEIGHT
L-6	12" x 24" HIGH	(3) #5	-	16"	#5	2	FULL HEIGHT



LINTEL BEARING DETAILS

MASONRY LINTEL TYPES

MASONRY SHEARWALL SCHEDULE					
MARK	NOMINAL WALL THICKNESS	CHORD VERTICAL REINF. (A)		GROUTED CORES (B)	
		QTY.	SIZE	SPACING	REINF. SIZE
MSW-1	8"	1	#5	48"	#5
MSW-2	10"	2	#5	48"	#5
MSW-3	12"	2	#5	48"	#5
REMARKS					
STD HORIZONTAL TRUSS 48" O.C.					
STD HORIZONTAL TRUSS 48" O.C.					
STD HORIZONTAL TRUSS 48" O.C.					

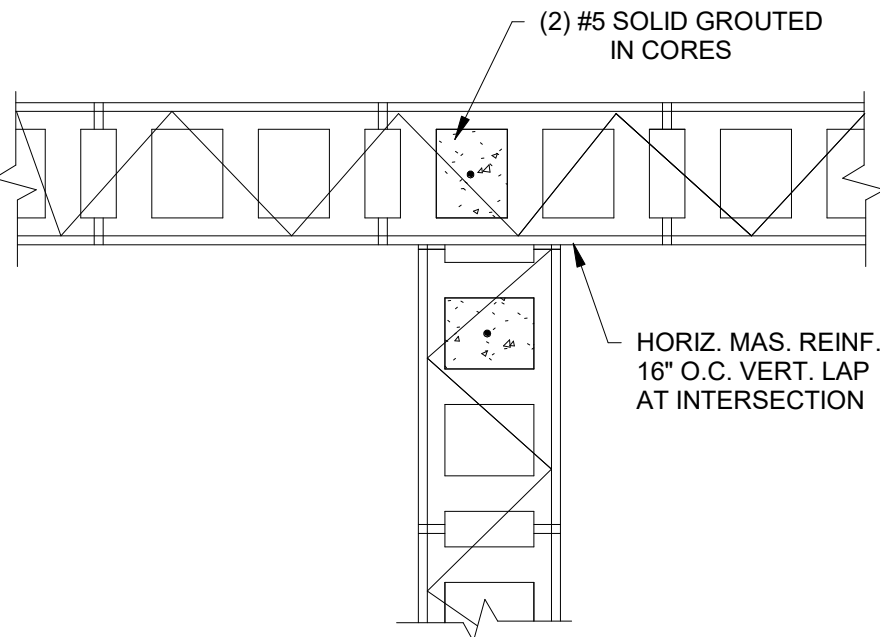


MINIMUM BAR PROJECTION LENGTHS

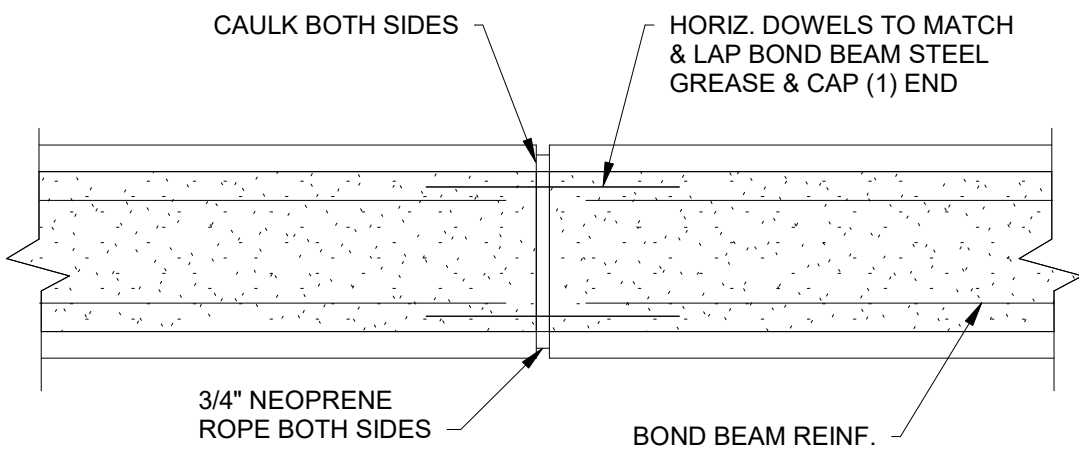
#4 BAR: 24"
#5 BAR: 30"
#6 BAR: 36"
#7 BAR: 55"

MINIMUM BAR EMBEDMENT LENGTHS

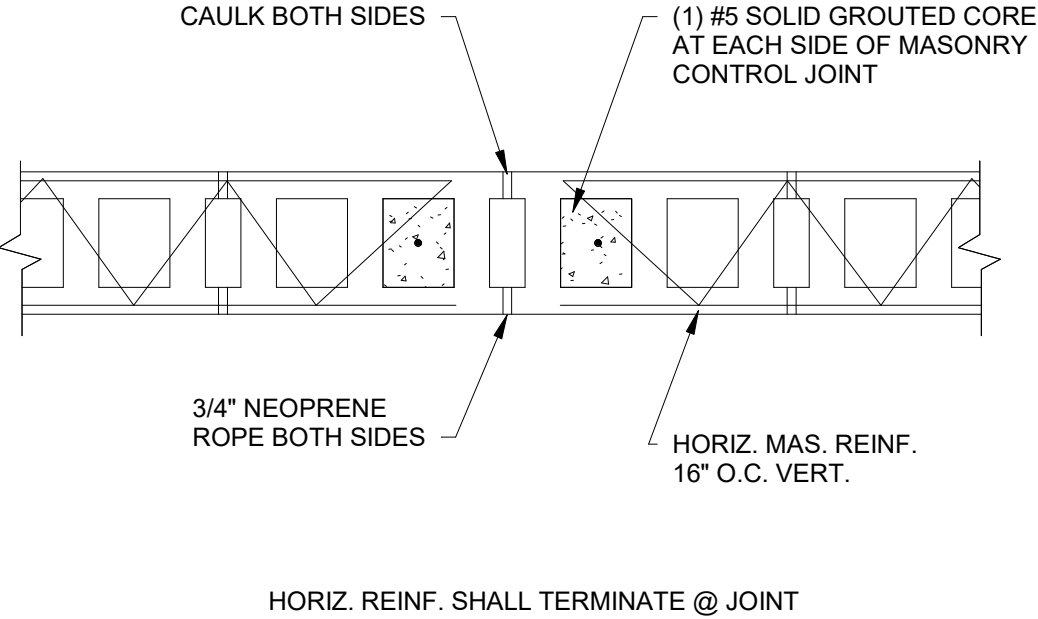
#4 BAR: 8" + STD. 90° HOOK
#5 BAR: 9" + STD. 90° HOOK
#6 BAR: 12" + STD. 90° HOOK
#7 BAR: 13" + STD. 90° HOOK



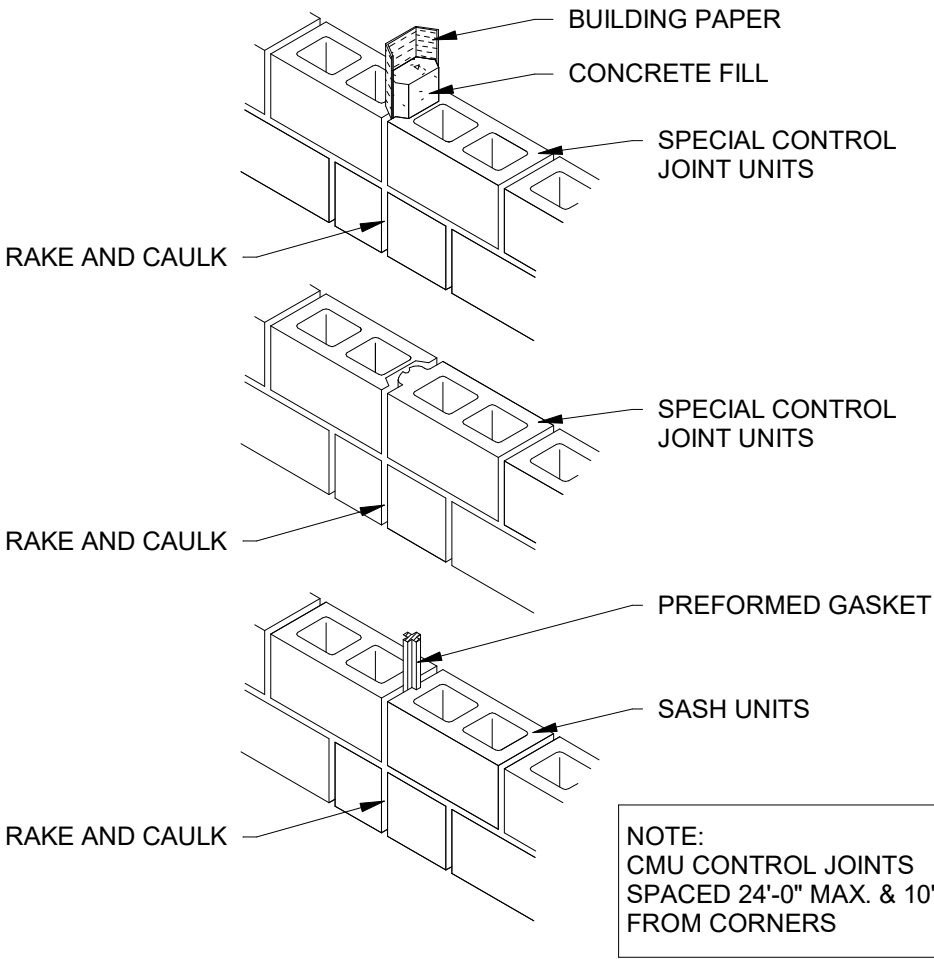
5 /S4.3 INTERSECTION 1" = 1'-0"



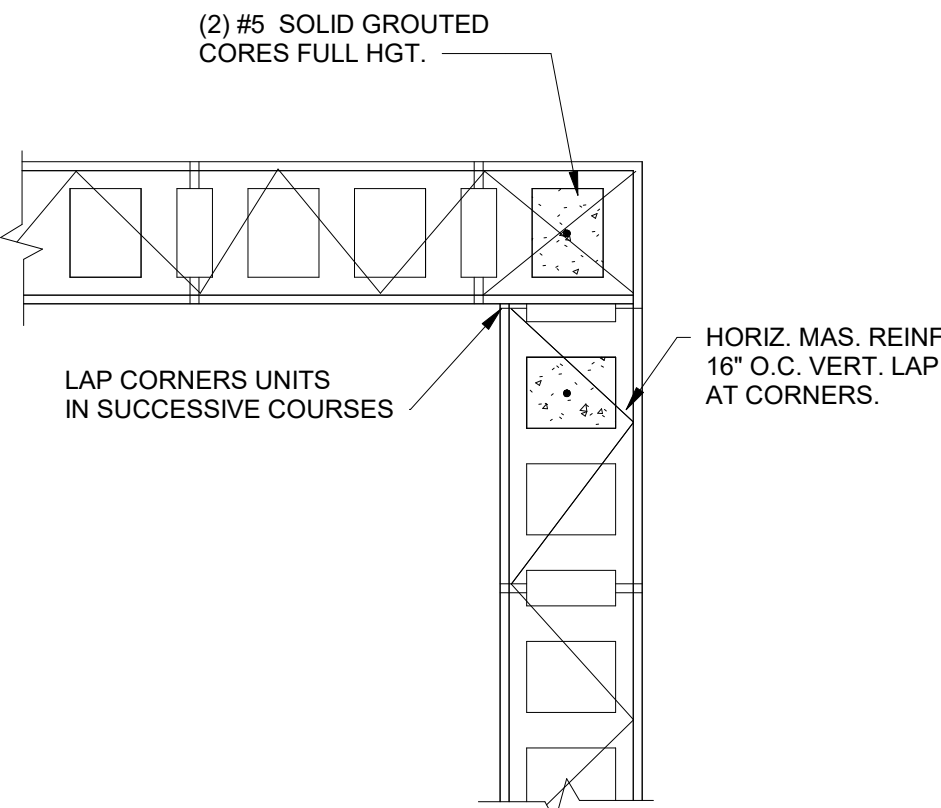
4 /S4.3 BOND BEAM CONTROL JOINT 1 1/2" = 1'-0"



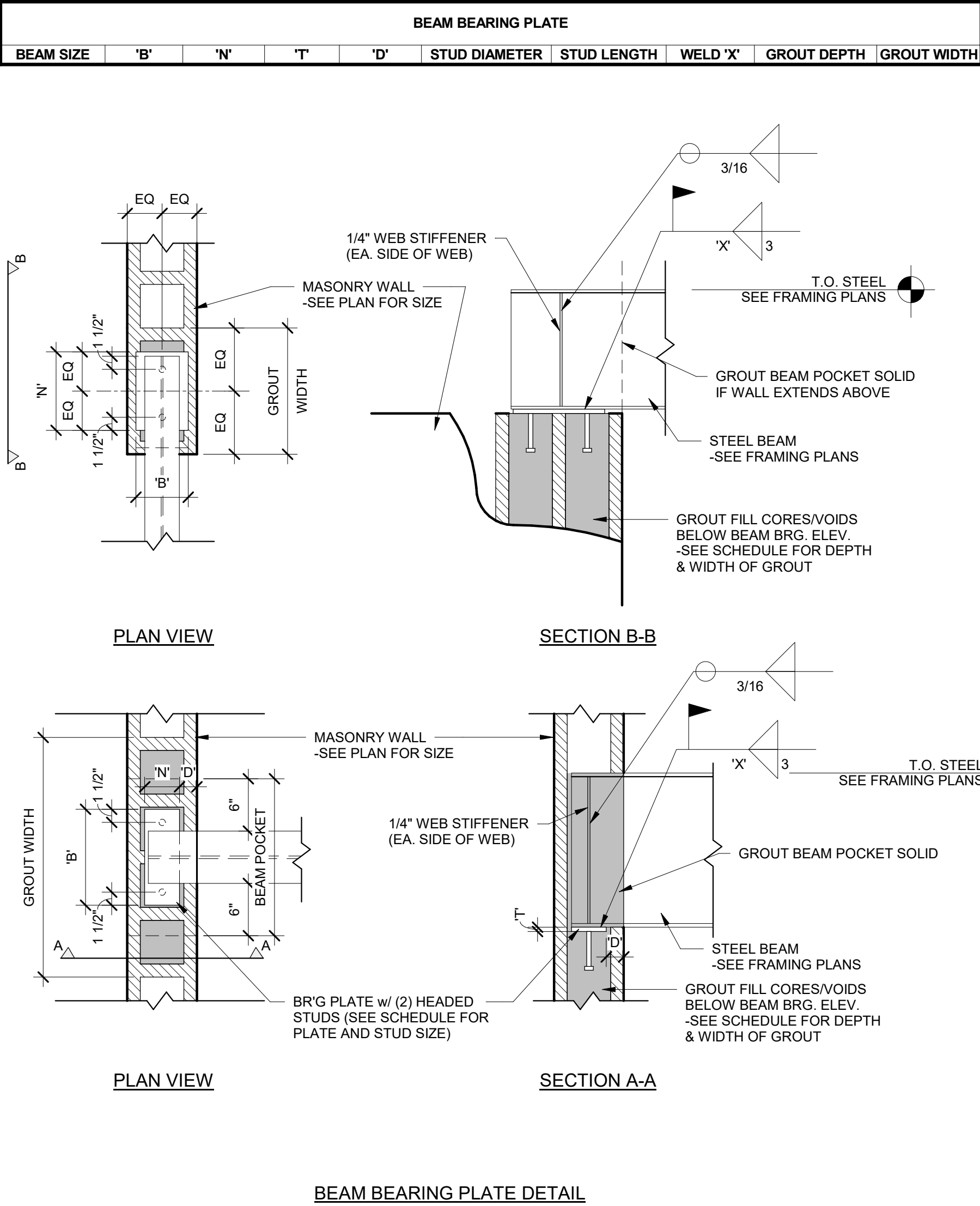
3 /S4.3 CONTROL JOINT (C.J.) 1" = 1'-0"



2 /S4.3 CONTROL JOINTS 1/2" = 1'-0"



1 /S4.3 CORNERS 1" = 1'-0"



BEAM BEARING PLATE DETAIL

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COMPENSATION TO BAYLAND BUILDINGS, INC.

JOB NUMBER: 22-5181

PROJECT
EXECUTIVE: MATT RITTER

DRAWN BY: CMP / LJP

DATE: 01-09-23

REVISIONS:

ISSUED FOR: CHECKED DATE:
BY:

☐ PRELIMINARY
☐ BID SET
☐ DESIGN REVIEW MR/SM/LP 12/19/22
☒ CHECKSET
☐ CONSTRUCTION

STRUCTURAL SCHEDULES &
DETAILS

S4.3



BAYLAND BUILDINGS

P.O. BOX 13571 GREEN BAY, WI 54307
(920) 498-9300 FAX (920) 498-3033
www.baylandbuildings.com

DESIGN & BUILD GENERAL CONTRACTOR

WATERTOWN, WISCONSIN; COUNTY OF:
JEFFERSON

PROPOSED BUILDING FOR:

GRIFFIN ARMAMENT

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL.
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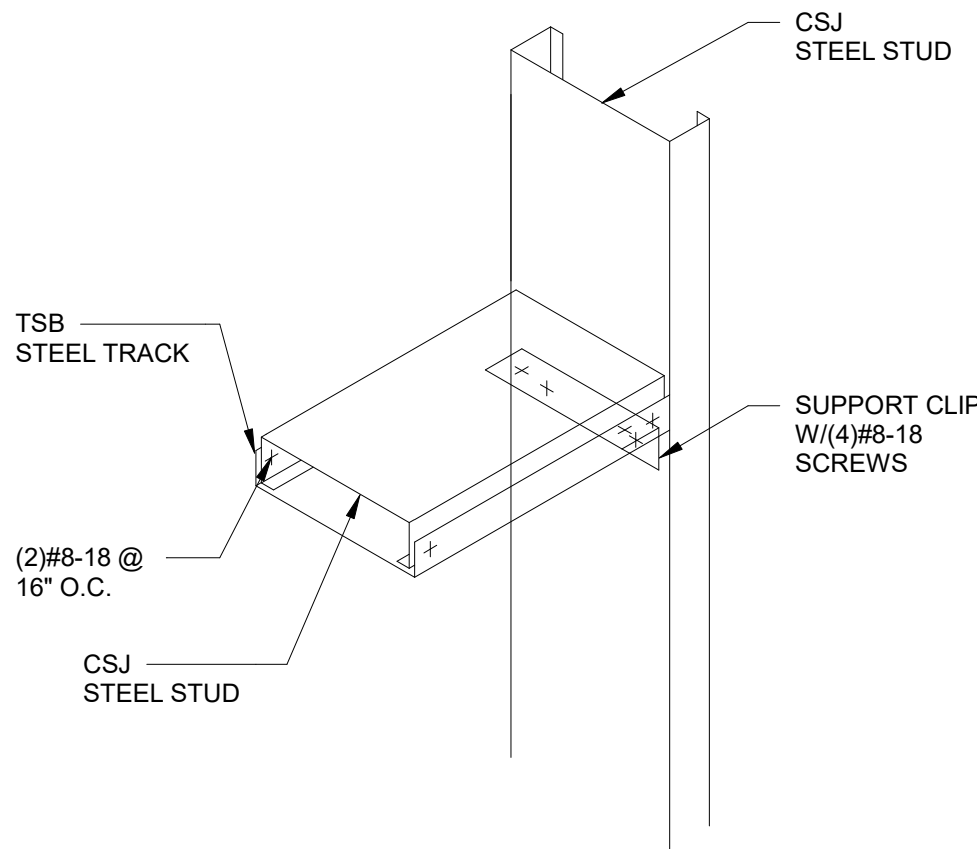
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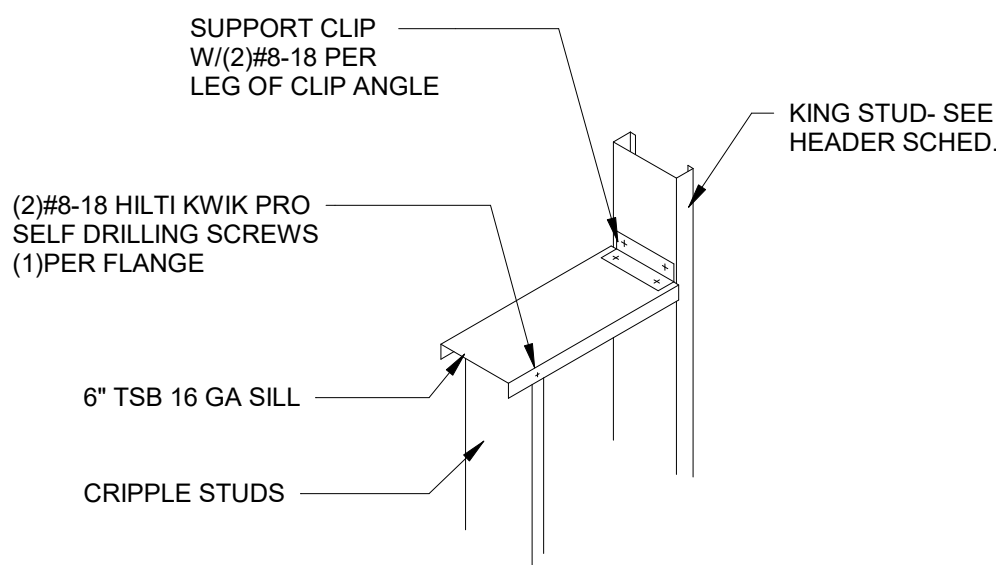
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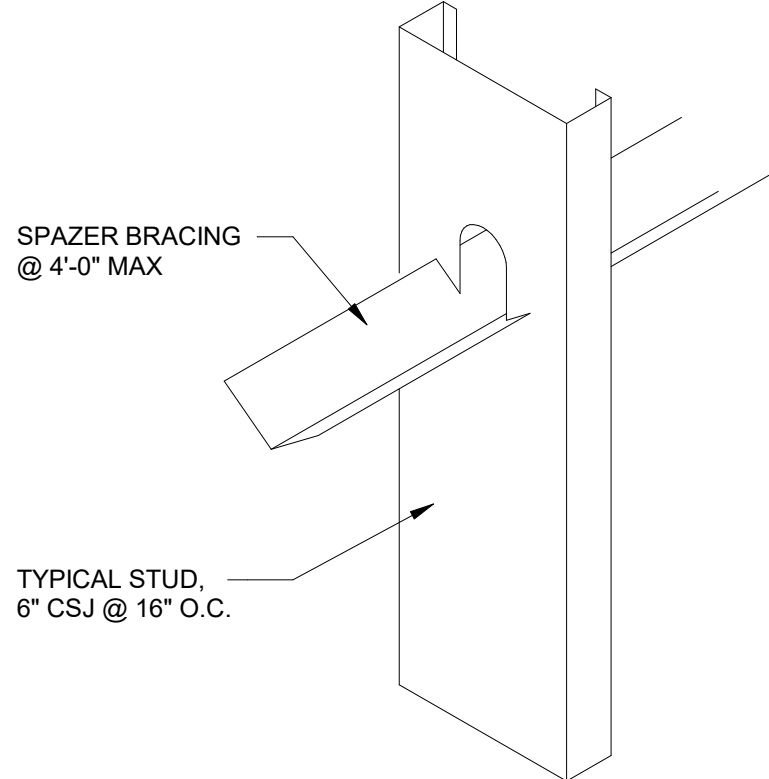
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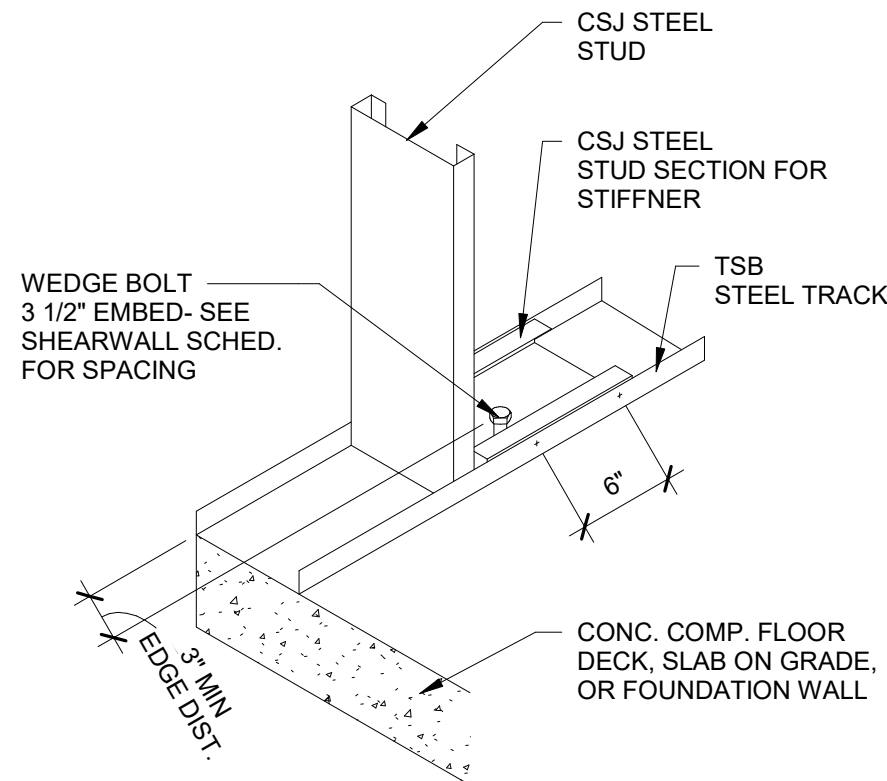
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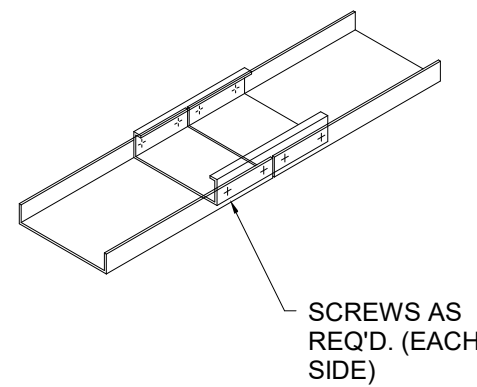
4 /S4.4 METAL STUD DETAIL 2 N.T.S.



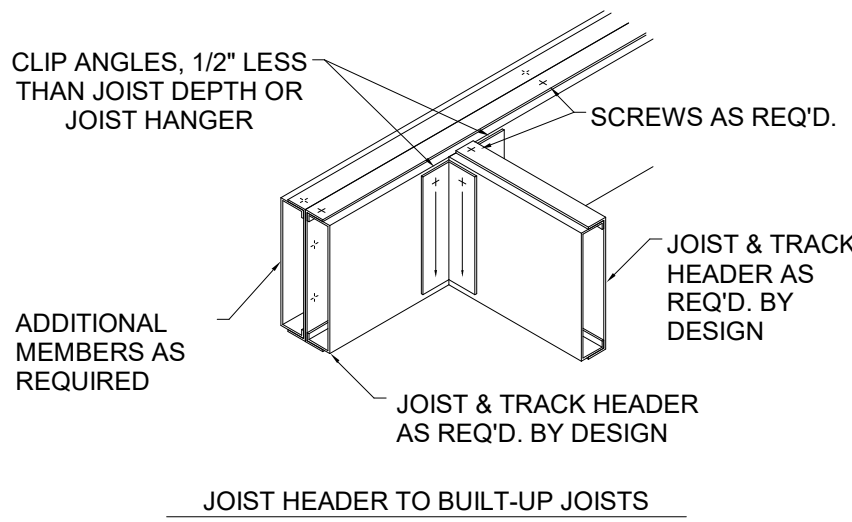
3 /S4.4 METAL STUD DETAIL 1 N.T.S.



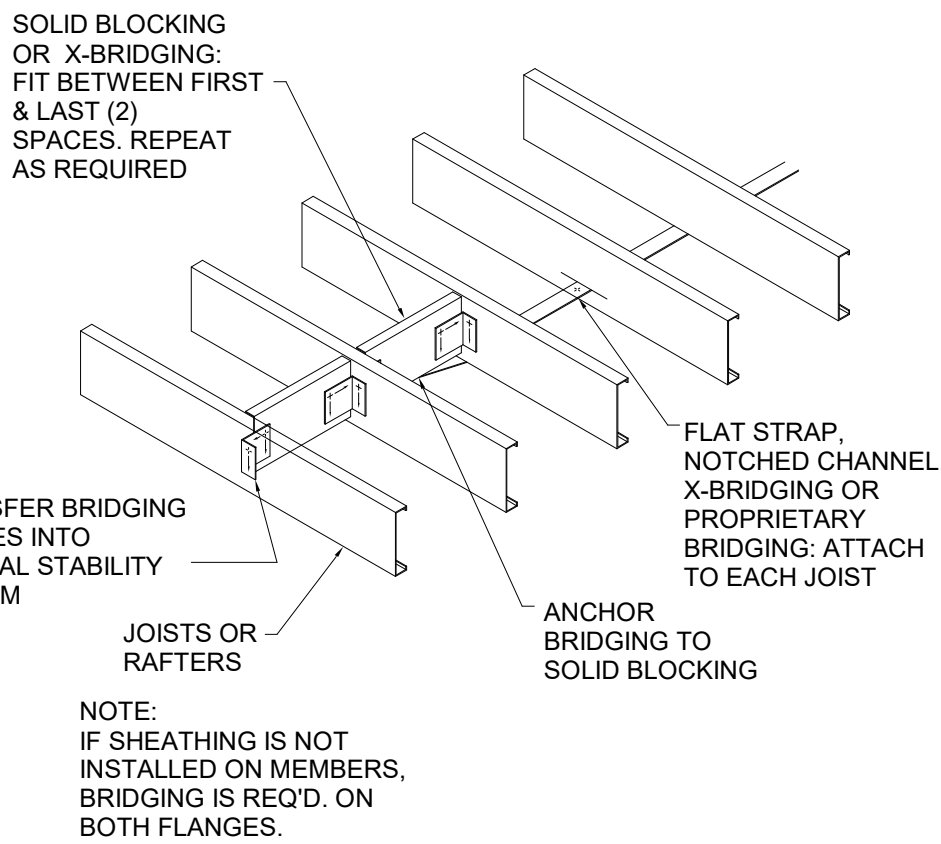
2 /S4.4 METAL STUD DETAIL 9 N.T.S.



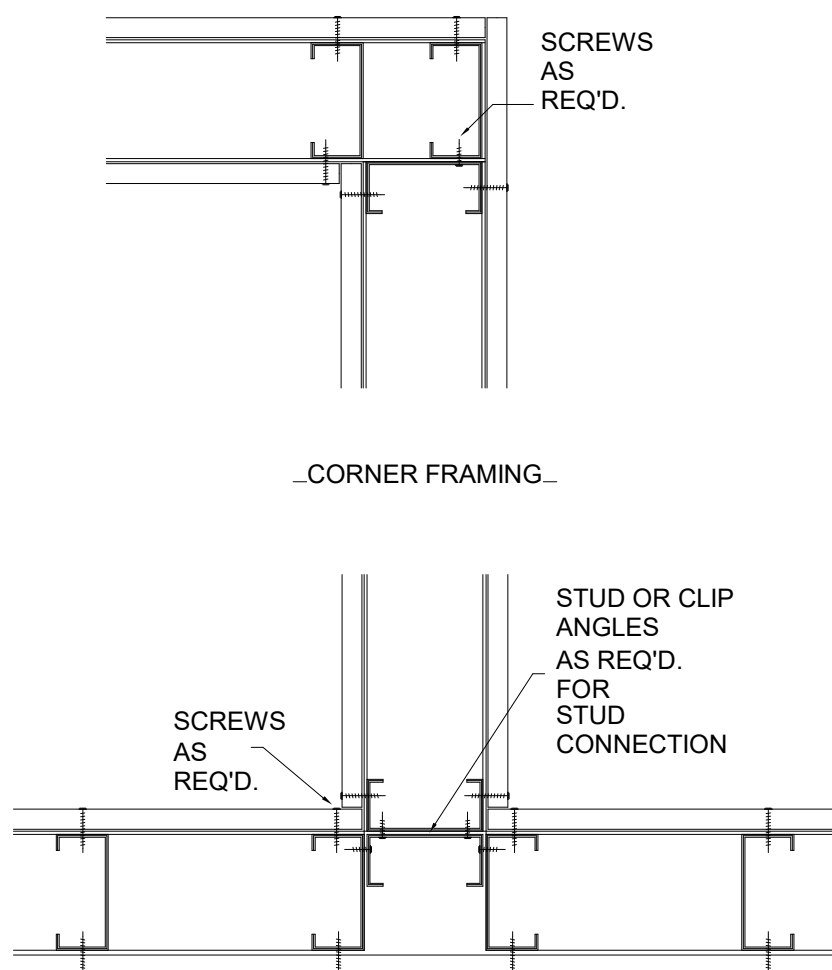
1 /S4.4 LGSF TRACK SPLICE DETAIL N.T.S.



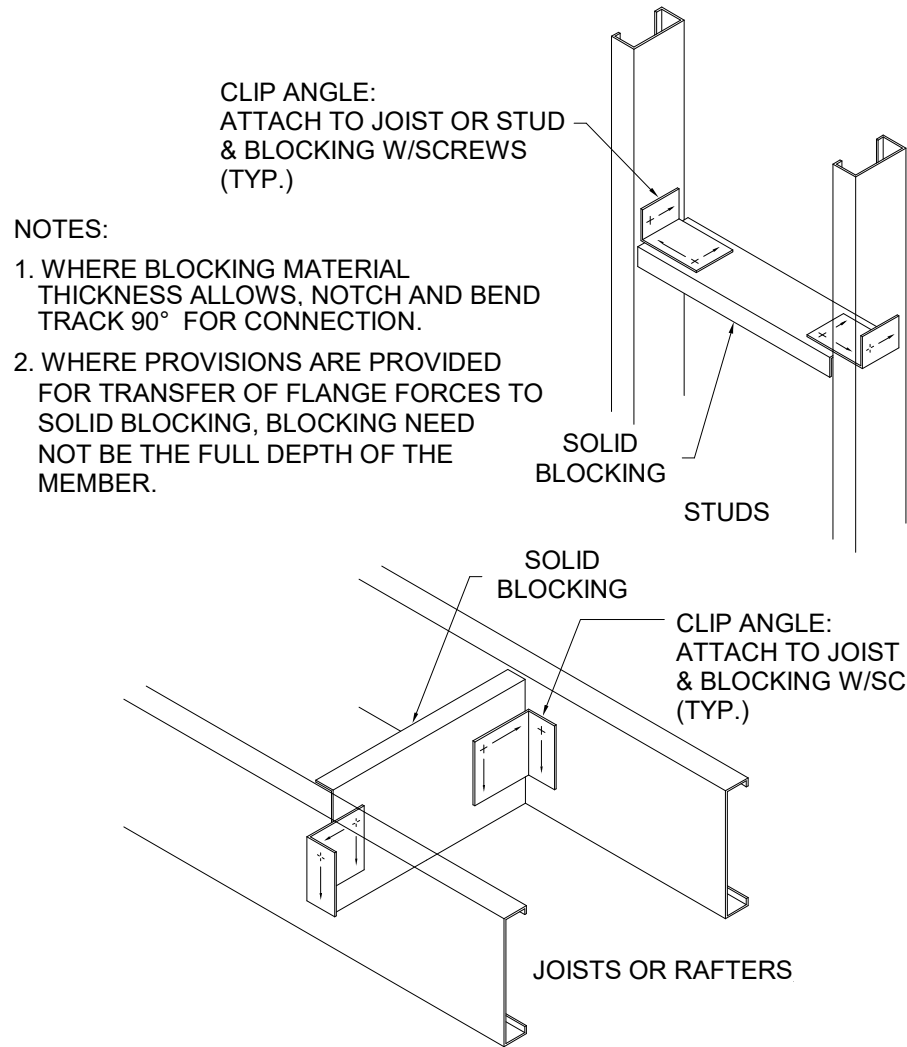
10 /S4.4 METAL JOIST HEADER DETAIL N.T.S.



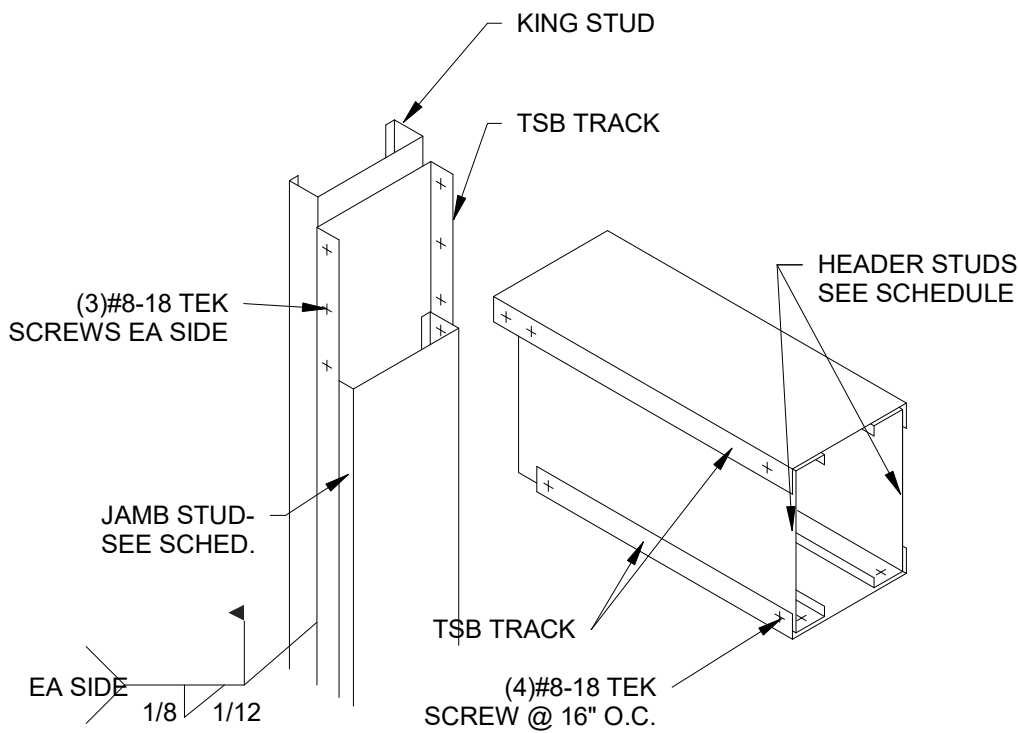
9 /S4.4 METAL JOIST BRIDGING DETAIL N.T.S.



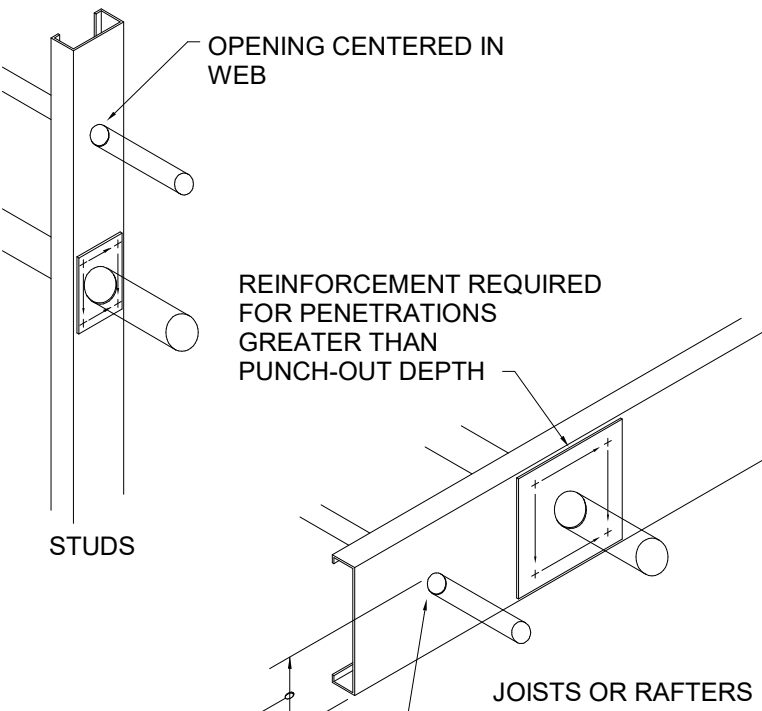
8 /S4.4 METAL STUD FRAMING DETAIL N.T.S.



7 /S4.4 METAL STUD BLOCKING DETAIL N.T.S.



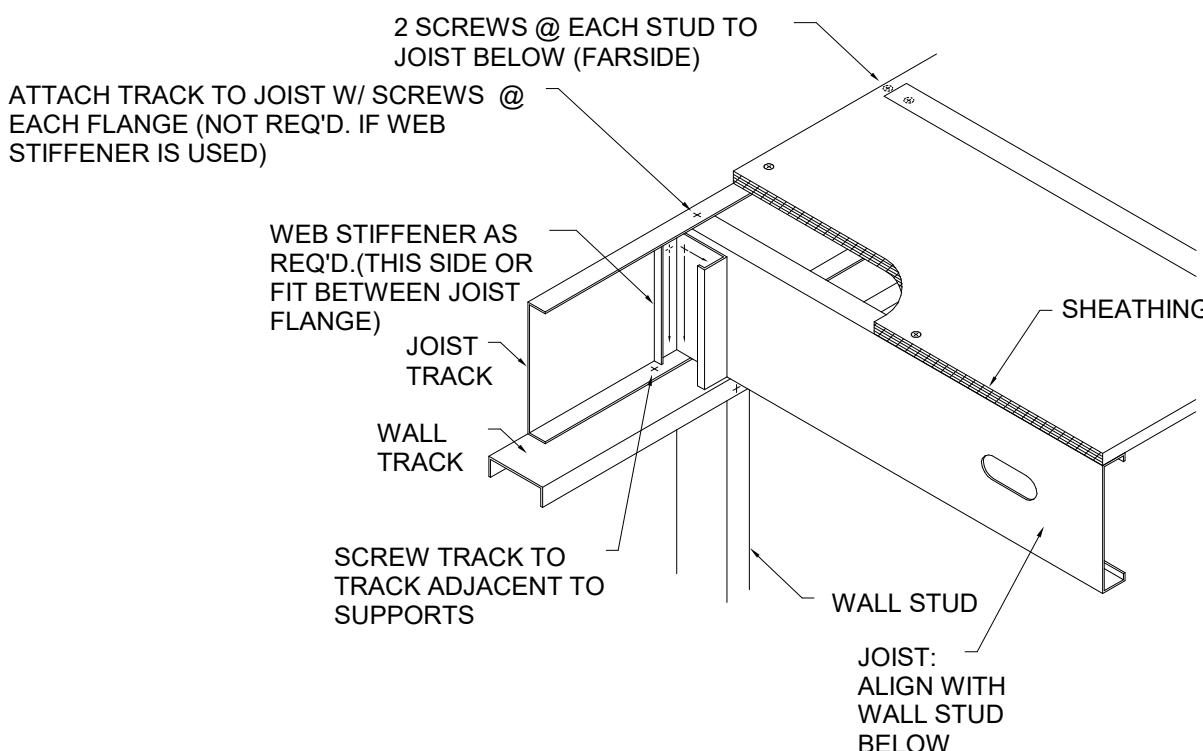
6 /S4.4 METAL STUD DETAIL 6 N.T.S.



TOP EDGE OF PENETRATION SHALL NOT BE LOCATED ANY HIGHER THAN THE TOP EDGE OF THE PUNCH-OUT

NOTES:
1. FLANGES SHALL NOT BE NOTCHED OR CUT.
2. CAPACITY VERIFICATION BY DESIGN IS REQ'D. FOR ANY OPENINGS LOCATED AT CONCENTRATED LOADS AND BEARING ENDS.
3. FOR UNPUNCHED MEMBERS CONSULT THE MANUFACTURER.

12 /S4.4 METAL STUD PENETRATIONS DETAIL N.T.S.



11 /S4.4 METAL STUD BEARING DETAIL N.T.S.



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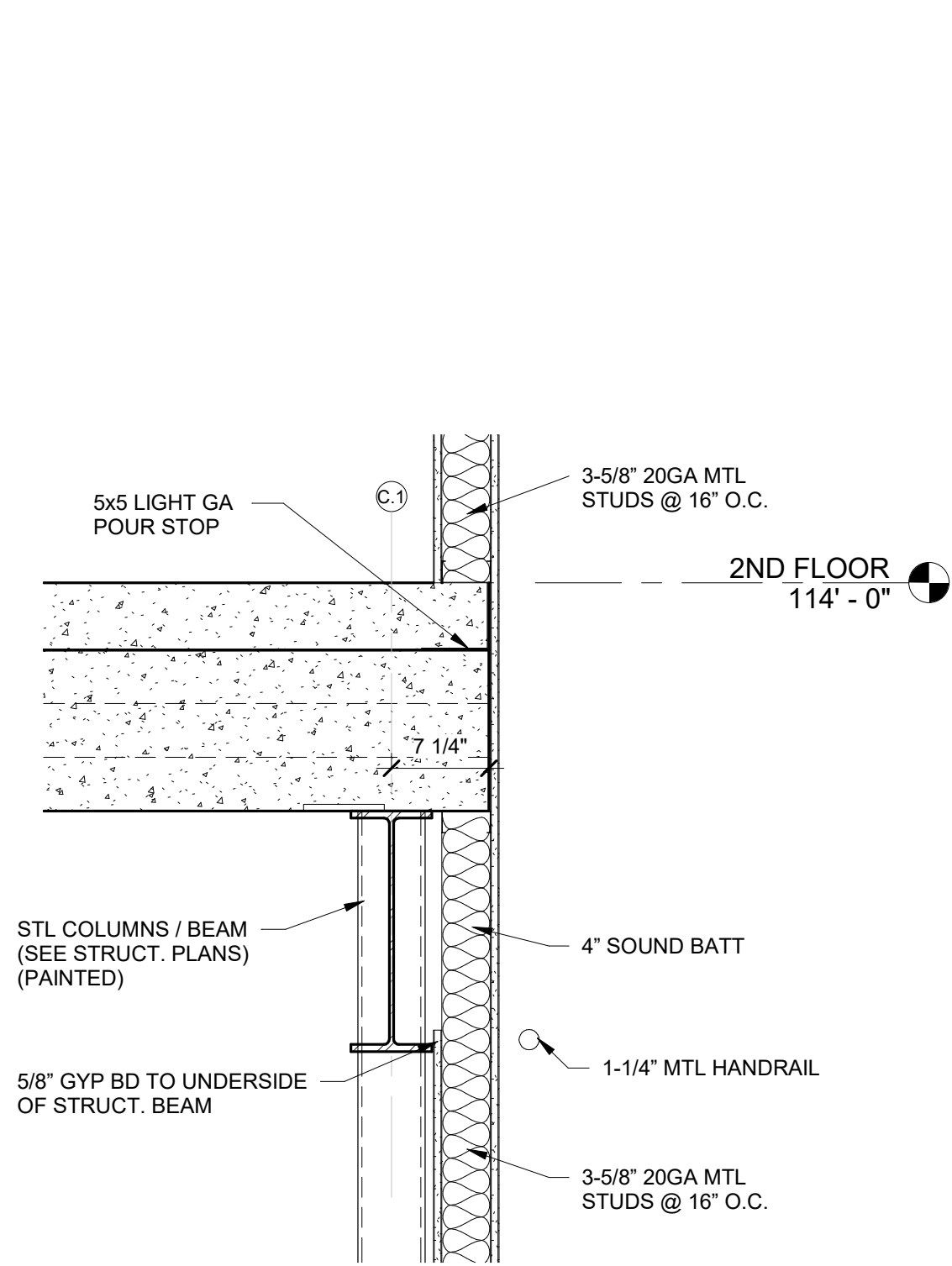
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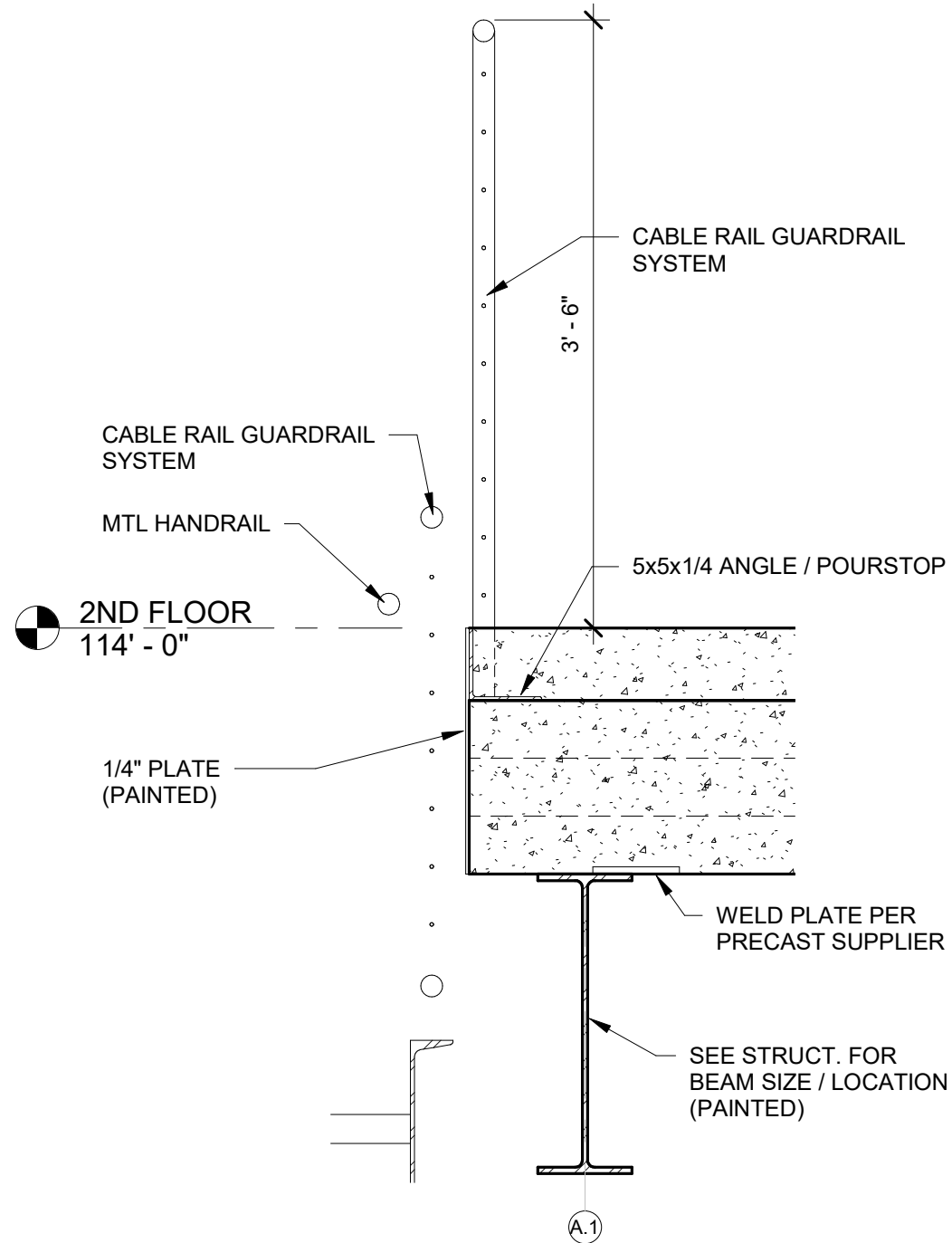
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STRUCTURAL DETAILS

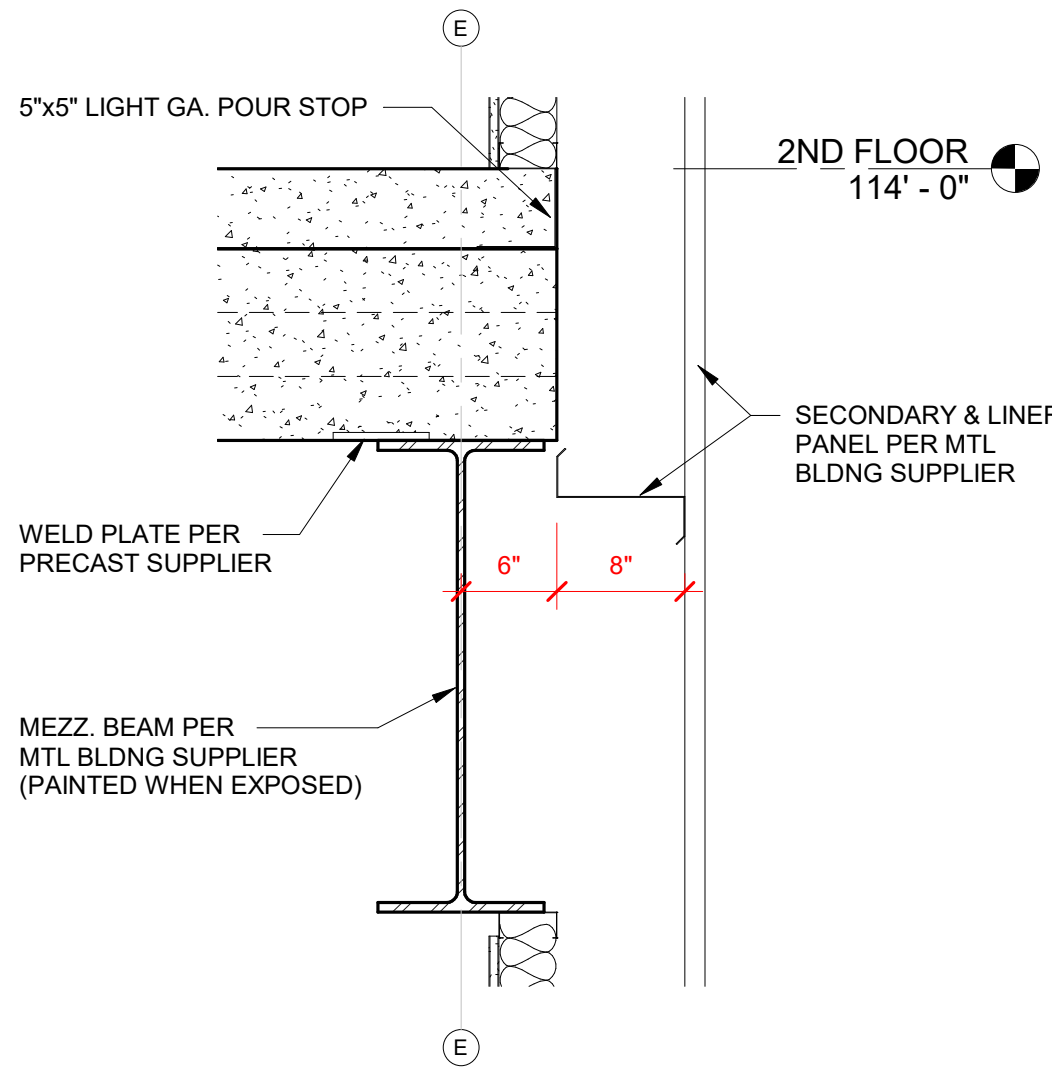
S5.0



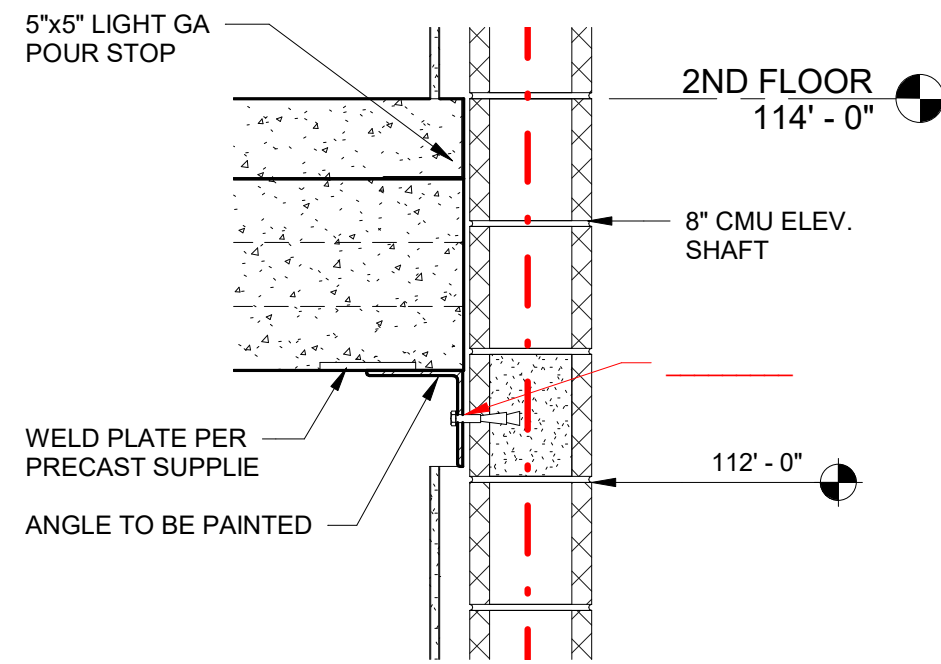
STRUCTURAL DETAIL 'D'
5/S5.0 SCALE = 1" = 1'-0"



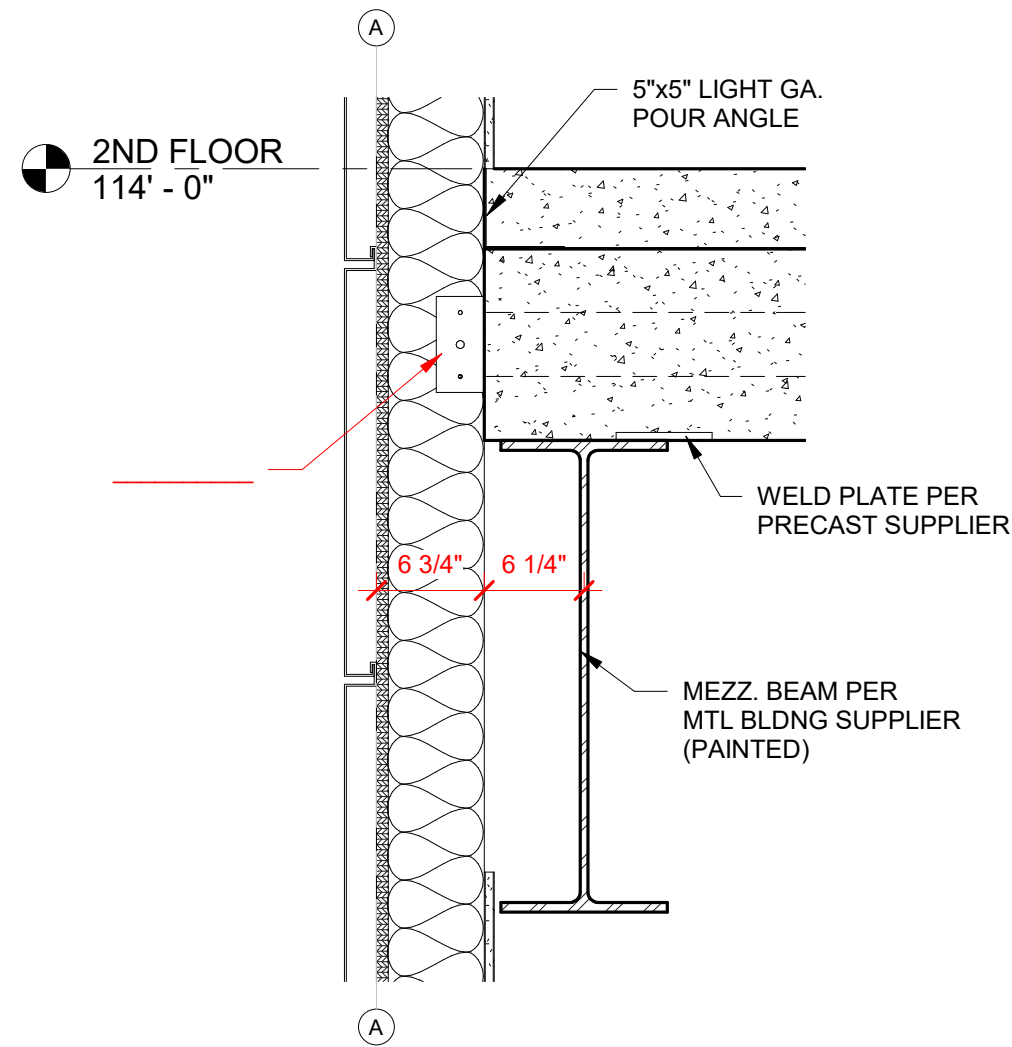
STRUCTURAL DETAIL - RAILING
4/S5.0 SCALE = 1" = 1'-0"



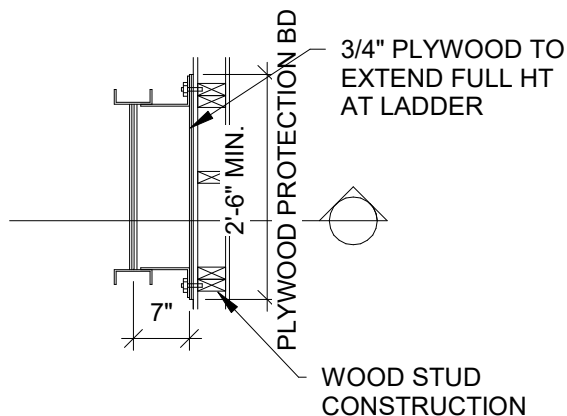
STRUCTURAL DETAIL 'C'
3/S5.0 SCALE = 1" = 1'-0"



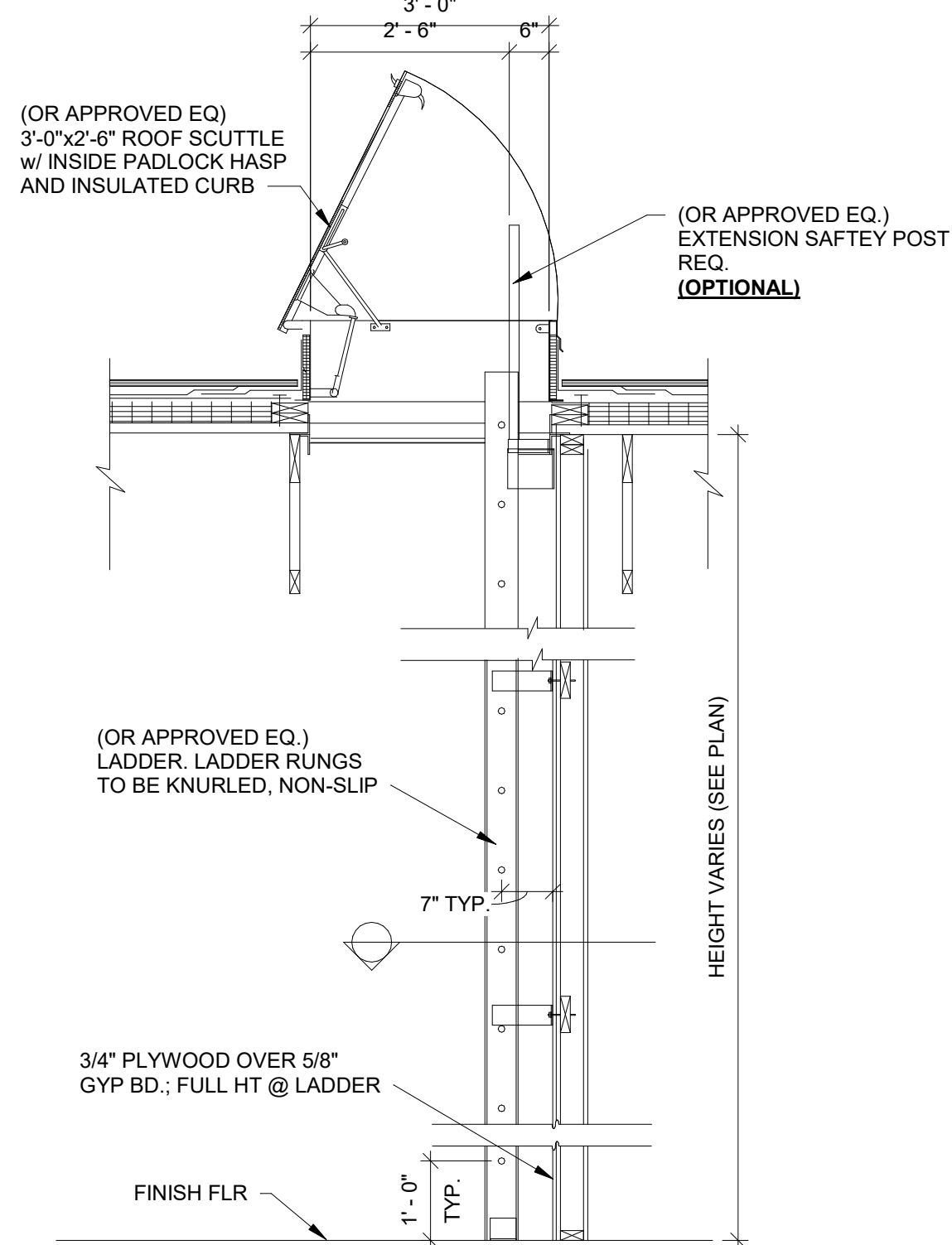
STRUCTURAL DETAIL 'B'
2/S5.0 SCALE = 1" = 1'-0"



STRUCTURAL DETAIL 'A'
1/S5.0 SCALE = 1" = 1'-0"



ROOF ACCESS LADDER TOP VIEW



ROOF ACCESS LADDER

6/S5.0 SCALE = 1/2" = 1'-0"