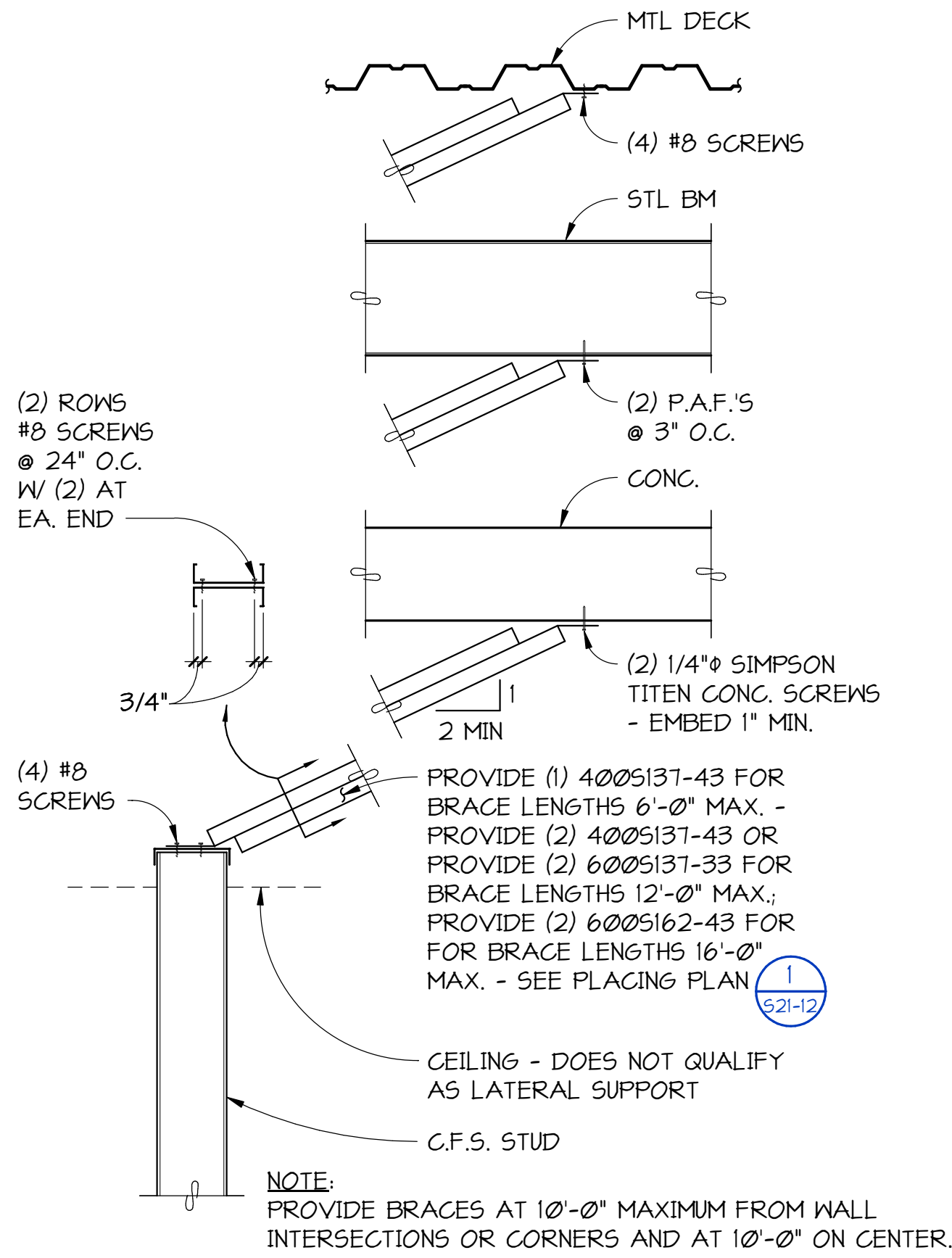
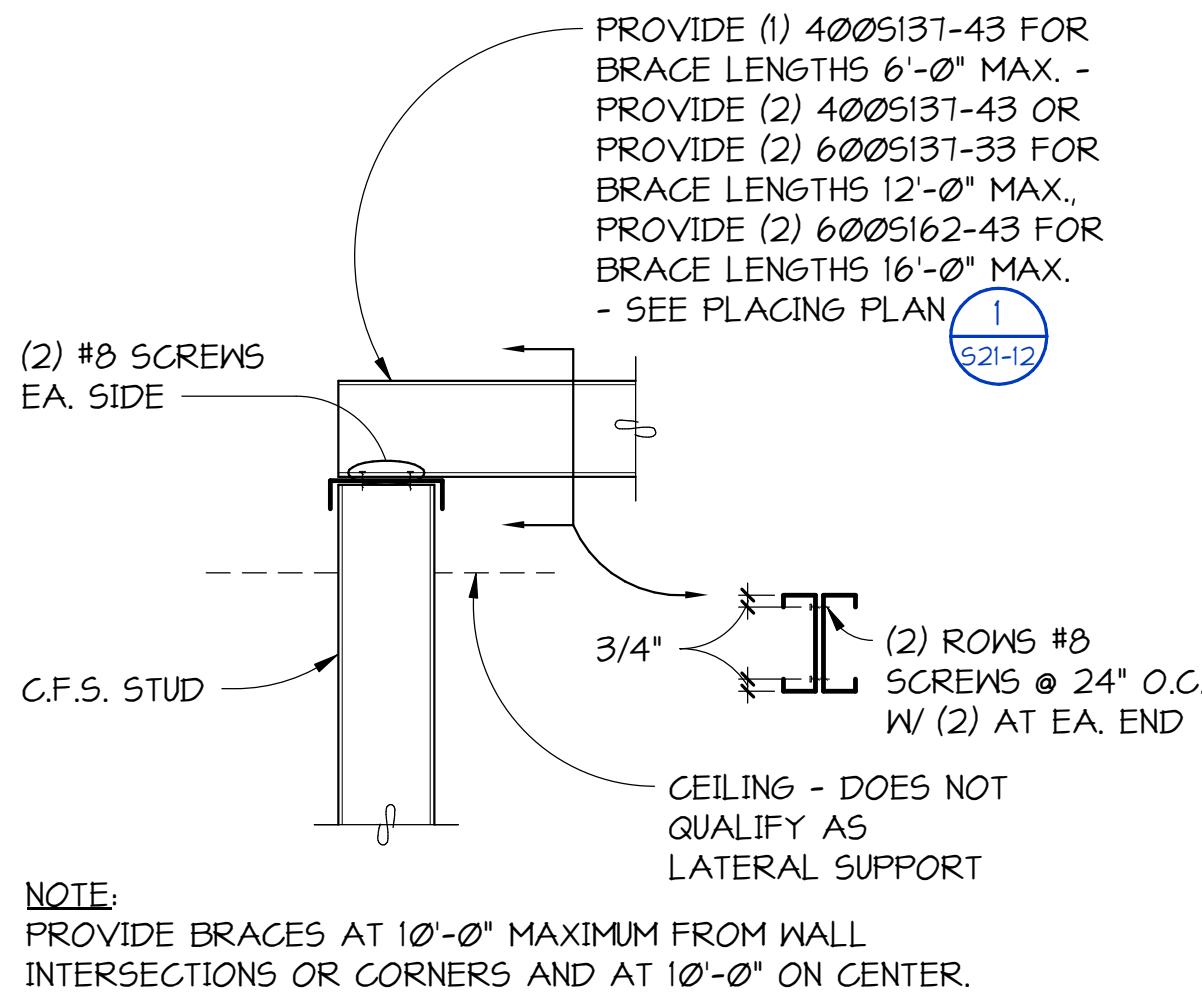


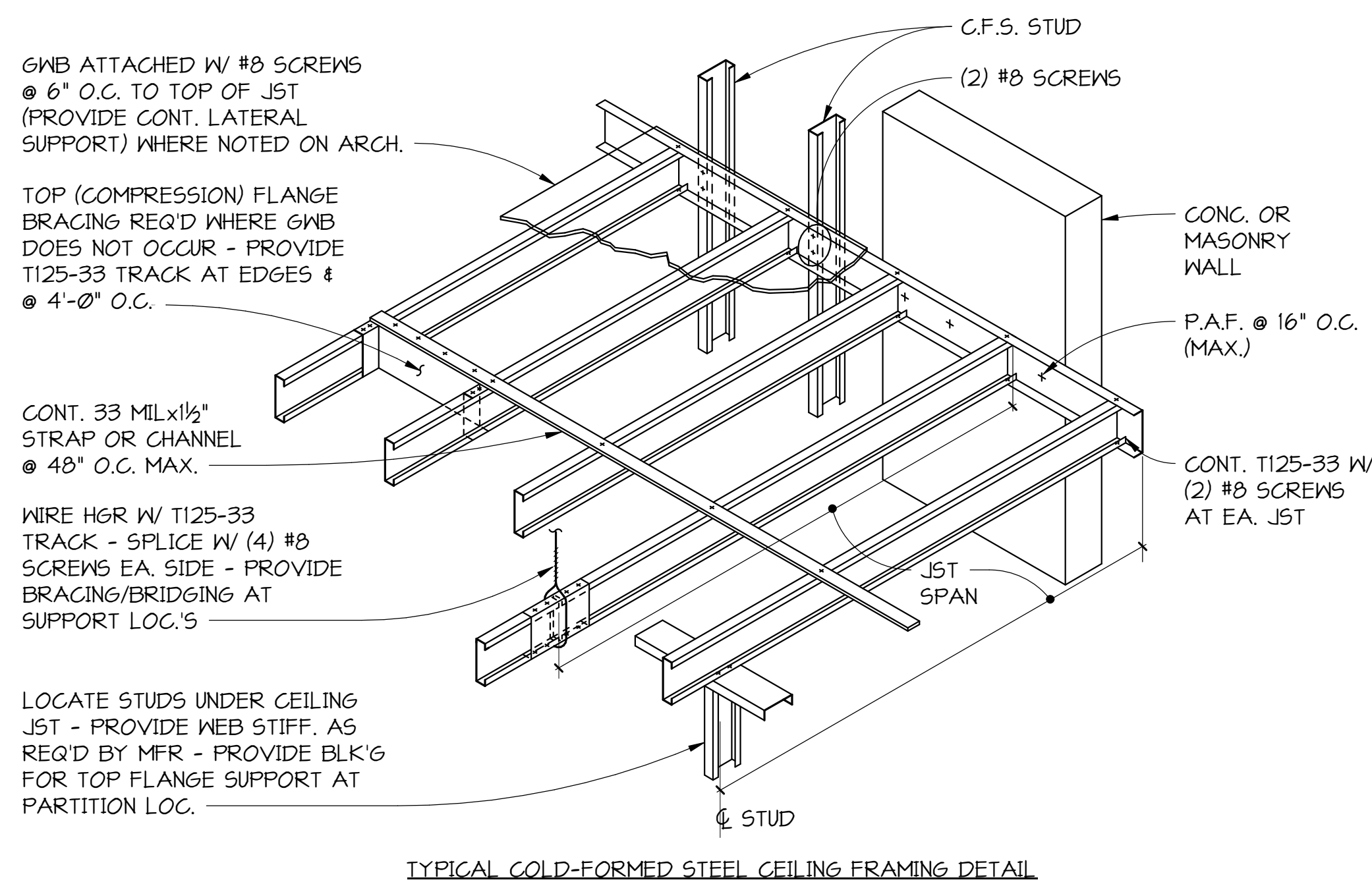
1
521-12
DETAIL
NO SCALE



2
521-12
DETAIL
NO SCALE



3
521-12
DETAIL
NO SCALE



COLD-FORMED STEEL JOIST CEILING FRAMING SCHEDULE 10 POUNDS PER SQUARE FOOT (ASD) LIVE LOAD, 1/240 DEFLECTION LIMIT, (2) LAYERS MAXIMUM OF 5/8" GYPSUM WALL BOARD												
JOIST SIZE	STUD MIL											
	18 MIL						33 MIL					
	JOIST SPACING											
	12" O.C.		16" O.C.		24" O.C.		12" O.C.		16" O.C.		24" O.C.	
	NUMBER OF CONTINUOUS SPANS											
	ONE	TWO+	ONE	TWO+	ONE	TWO+	ONE	TWO+	ONE	TWO+	ONE	TWO+
	MAXIMUM JOIST SPAN ALLOWED											
250S	6'-9"	6'-11	5'-4"	5'-9"	-	4'-4"	8'-3"	10'-0"	7'-6"	8'-9"	6'-4"	7'-1"
362S	7'-3"	6'-8"	5'-5"	5'-3"	-	-	11'-0"	13'-3"	10'-0"	11'-6"	8'-4"	9'-4"
400S	9'-0"	6'-3"	7'-6"	4'-10"	5'-0"	-	11'-11"	14'-3"	10'-10"	12'-4"	9'-0"	9'-9"
600S	-	-	-	-	-	-	16'-6"	16'-10"	14'-9"	13'-10"	12'-0"	10'-2"

- NOTES:
- BRACE TOP FLANGE AT 48" ON CENTER MAXIMUM.
 - INFORMATION SHOWN TAKEN FROM THE GYPSUM CONSTRUCTION HANDBOOK BY CGC INCORPORATED.
 - SEE ARCHITECTURAL DRAWING FOR LATERAL SUPPORT OF SUSPENDED FRAMING.

4
521-12
DETAIL
NO SCALE

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Seattle, WA 98104



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Good Samaritan Hospital

MULTICARE

KEY PLAN

ISSUE CHART

ISSUE
Job Number 24127
TITLE

NON-BEARING COLD
FORMED STEEL
DETAILS

SHEET NUMBER

S21-12

100% CD SET 06/30/2025

AHBL
1200 6th Ave #1620,
Seattle, WA 98101

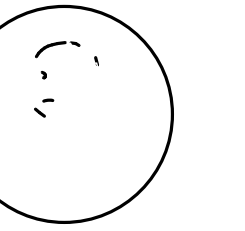
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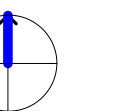
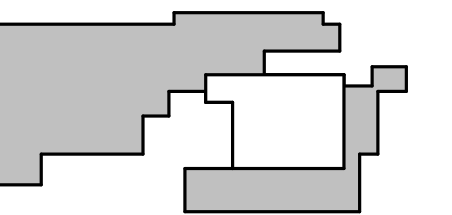
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01 15th Ave SE,
Puyallup,
WA 98372

MULTICARE

Y PLAN



THE CHART

WORK	ISSUE	DATE
Job Number		24127
		TITLE

RAMING PLAN - LEVEL
05

SHEET NUMBER

S11-05

NON-AISC CERTIFIED STEEL FABRICATORS SHALL HAVE FIVE YEARS MINIMUM EXPERIENCE ON SIMILAR PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TWO WEEKS PRIOR TO BID.

STEEL ERECTORS

ALL STEEL ERECTION SHALL BE PERFORMED BY AN ERECTOR CERTIFIED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION. THE ERECTOR SHALL BE DESIGNATED AN AISC CERTIFIED ERECTOR, CATEGORY CSE AT THE TIME OF BID AND SHALL MAINTAIN THIS CERTIFICATION FOR THE DURATION OF THE PROJECT.

NON-AISC CERTIFIED STEEL ERECTORS MAY BE ACCEPTABLE PROVIDED THEY HAVE A MINIMUM OF (5) YEARS EXPERIENCE ON PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TO STRUCTURAL ENGINEER (2) WEEKS PRIOR TO BID.

STEEL DETAILERS

ALL STEEL DETAILING SHALL BE PERFORMED BY A DETAILER WITH FIVE YEARS MINIMUM EXPERIENCE ON SIMILAR PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TWO WEEKS PRIOR TO BID.

MATERIAL PROPERTIES

WIDE FLANGE SECTIONS: ASTM A992 (Fy = 50 KSI)

OTHER SHAPES AND PLATES: ASTM A36 (Fy = 36 KSI) TYP. U.N.O.; ASTM A572 (Fy = 50 KSI) WHERE INDICATED

HOLLOW STRUCTURAL SECTIONS: RECTANGULAR & SQUARE - ASTM A500, GRADE C (Fy = 50 KSI) ROUND - ASTM A500, GRADE C (Fy = 46 KSI)

STRUCTURAL STEEL PIPES: ASTM A53, GRADE B, TYPE E OR S (Fy = 35 KSI)

MACHINE BOLTS (M.B.): ASTM A307, GRADE A

HIGH-STRENGTH BOLTS: ASTM 3125, GRADE F 1852, UNLESS NOTED OTHERWISE, ASTM 3125, GRADE F2280 WHERE INDICATED

ANCHOR BOLTS (A.B.): ASTM F1554, GRADE 36, UNLESS NOTED OTHERWISE, ASTM F1554, GRADE 105 WHERE INDICATED.

WIDE FLANGE STRUCTURAL MEMBERS WHICH ARE ASTM A6 GROUP 3 SHAPES WITH FLANGE THICKNESS 1-1/2" THICK AND THICKER, AND ALL ASTM A6 GROUP 4 AND 5 SHAPES AND PLATE THAT IS 1-1/2" THICK OR THICKER SHALL HAVE A CHARPY V-NOTCH (CVN) TOUGHNESS OF 20 FT-LBS @ 70 DEG F.

WELDING

STRUCTURAL STEEL: WELD IN ACCORDANCE WITH "STRUCTURAL WELDING CODE" AWS D1.1.

LATERAL FORCE-RESISTING SYSTEM: WELD IN ACCORDANCE WITH "STRUCTURAL WELDING CODE SEISMIC SUPPLEMENT" AWS D1.8.

REINFORCING STEEL: WELD IN ACCORDANCE WITH "REINFORCING STEEL WELDING CODE" AWS D1.4. WELD ONLY WITH SPECIFIC APPROVAL OF THE STRUCTURAL ENGINEER. IN NO CASE SHALL A WELD BE MADE WITHIN 6 BAR DIAMETERS OF A "COLD BEND".

CERTIFICATION: ALL WELDING SHALL BE PERFORMED BY WABO CERTIFIED WELDERS. WELDERS SHALL BE PREQUALIFIED FOR EACH POSITION AND WELD TYPE WHICH THE WELDER WILL BE PERFORMING.

WELD TABS (ALSO KNOWN AS WELD "EXTENSION" TABS OR "RUN OFF" TABS) SHALL BE USED. AFTER THE WELD HAS BEEN COMPLETED THE WELD TABS SHALL BE REMOVED AND THE WELD END GROUND TO A SMOOTH CONTOUR. WELD "DAMS" OR "END DAMS" SHALL NOT BE USED.

THE PROCESS CONSUMABLES FOR ALL WELD FILLER METAL INCLUDING TACK WELDS, ROOT PASS AND SUBSEQUENT PASSES DEPOSITED IN A JOINT SHALL BE COMPATIBLE.

ALL WELD FILLER METAL AND WELD PROCESS SHALL PROVIDE THE TENSILE STRENGTH AND CHARPY V-NOTCH RATINGS AS FOLLOWS:

GRAVITY FRAME

WELD TYPE	FILLER METAL TENSILE STRENGTH	CHARPY V-NOTCH (CVN) RATING
FILLET	70 KSI	----
PARTIAL PENETRATION	70 KSI	----
COMPLETE PENETRATION	70 KSI	20 FT-LBS @ 40 DEG F

LATERAL FORCE-RESISTING SYSTEM

WELD TYPE	FILLER METAL TENSILE STRENGTH	CHARPY V-NOTCH (CVN) RATING
FILLET	70 KSI	20 FT-LBS @ 0 DEG F
PARTIAL PENETRATION	70 KSI	20 FT-LBS @ 0 DEG F
COMPLETE PENETRATION	70 KSI	20 FT-LBS @ 0 DEG F
FILLET (1)	70 KSI	40 FT-LBS @ 70 DEG F
PARTIAL PENETRATION (1)	70 KSI	40 FT-LBS @ 70 DEG F
COMPLETE PENETRATION (1)	70 KSI	40 FT-LBS @ 70 DEG F

(1) DOW LOCATIONS ARE INDICATED IN THE DETAILS.

WELDED CONNECTIONS INSPECTION:

- ALL WELDING SHALL BE CHECKED BY VISUAL MEANS AND BY OTHER METHODS DEEMED NECESSARY BY THE WELDING INSPECTOR.
- ALL FULL PENETRATION WELDS TO MEMBERS WHICH FORM A PORTION OF THE LATERAL FORCE-RESISTING SYSTEM SHALL BE CHECKED 100 PERCENT BY ULTRASONIC TESTING.
- THE CONTRACTOR SHALL SUBMIT A WRITTEN WELDING PROCEDURE SPECIFICATION FOR SHOP AND FIELD WELDING OF ALL LATERAL FORCE-RESISTING SYSTEM CONNECTIONS FOR APPROVAL TO THE STRUCTURAL ENGINEER OF RECORD PRIOR TO FABRICATION.

THE STANDARDS OF ACCEPTANCE FOR WELDS TESTED BY ULTRASONIC METHODS SHALL CONFORM TO AWS D1.1.

ALL WELDS FOUND TO BE DEFECTIVE SHALL BE REPAIRED AND REINSPECTED BY THE SAME METHODS ORIGINALLY USED, AND THIS REPAIR AND REINSPECTION SHALL BE PAID FOR BY THE CONTRACTOR

GENERAL REQUIREMENTS

HIGH-STRENGTH BOLTS: ALL A325 HIGH-STRENGTH BOLTS (HSB) INDICATED AS A325 IN THE DRAWINGS SHALL BE ASTM F3125, GRADE F1852, UNLESS OTHERWISE INDICATED AS A490. ALL HSB INDICATED AS A490 SHALL BE ASTM F3125, GRADE F2280. ALL HSB SHALL BE BY "LEJEUNE BOLT COMPANY" OR PRE-APPROVED EQUAL AND SHALL BE INSTALLED PER SECTION 8.2 OF THE "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS", JUNE 2020 BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC SPECIFICATION). ALL BOLT HOLES SHALL BE STANDARD ROUND HOLES UNLESS NOTED OTHERWISE. THE FAYING SURFACES OF ALL PLIES WITHIN THE GRIP OF SLIP-CRITICAL BOLTS (A325SC OR A490SC) SHALL MEET THE REQUIREMENTS FOR A CLASS A SURFACE PER SECTION 3.2 OF THE RCSC SPECIFICATION.

BOLTED CONNECTIONS INSPECTION: CONNECTIONS MADE WITH BEARING TYPE BOLTS SHALL BE INSPECTED PER SECTION 9.1 AND CONNECTIONS MADE WITH SLIP-CRITICAL TYPE BOLTS (A325SC OR A490SC) SHALL BE INSPECTED PER SECTION 9.3 OF RCSC SPECIFICATION.

ADHESIVE ANCHOR RODS: FULLY THREADED ASTM F1554, GRADE 36 UNLESS NOTED OTHERWISE.

FINISH: STRUCTURAL STEEL SHALL BE UNPAINTED, UNLESS NOTED OTHERWISE, AND SHALL BE CLEAN OF LOOSE RUST, LOOSE MILL SCALE, OIL, GREASE AND OTHER FOREIGN SUBSTANCES AND SHALL MEET THE REQUIREMENTS OF SSPC-SP1. WHERE STRUCTURAL STEEL IS NOTED TO BE PAINTED, ALL AREAS COMPRISING THE FAYING SURFACES OF BOLTED CONNECTIONS MADE WITH SLIP-CRITICAL TYPE BOLTS (A325SC OR A490SC) SHALL COMPLY WITH THE REQUIREMENTS OF THE RCSC SPECIFICATION. WHERE STRUCTURAL STEEL IS NOTED TO BE GALVANIZED, IT SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123, A364, AND A385. ALL SURFACES WITHIN TWO INCHES OF ANY FIELD WELD LOCATION SHALL BE FREE OF MATERIALS THAT WOULD PREVENT PROPER WELDING OR PRODUCE OBJECTIONABLE FUMES. FIELD TOUCH-UP OF PRIMED, PAINTED, AND GALVANIZED SURFACES SHALL BE PERFORMED TO REPAIR COATING ABRASIONS, AS WELL AS TO PROTECT ALL AREAS AT CONNECTIONS.

COLD-FORMED STEEL FRAMING CONSTRUCTION:

THE DESIGN, INSTALLATION AND CONSTRUCTION OF COLD-FORMED CARBON OR LOW-ALLOY STEEL, STRUCTURAL AND NON-STRUCTURAL STEEL FRAMING, SHALL BE IN ACCORDANCE WITH IBC SECTION 2211 AND AMERICAN IRON AND STEEL INSTITUTE (AISI) STANDARD S100-16 AND S240-20 AND SHALL BE MANUFACTURED BY A MEMBER OF THE STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA), CERTIFIED STEEL STUD ASSOCIATION (CSSA), STEEL FRAMING INDUSTRY ASSOCIATION (SFIA), OR PRE-APPROVED EQUAL, IN ACCORDANCE WITH A CURRENT ICC EVALUATION SERVICE REPORT, AISI S202-20 AND S240-20. ALL 54 MIL AND HEAVIER GALVANIZED MEMBERS SHALL BE FORMED FROM STEEL THAT MEETS THE REQUIREMENTS OF ASTM A653, QUALITY SQ, GRADE 50, CLASS 1, Fy= 50 KSI. ALL 43 MIL AND LIGHTER GALVANIZED MEMBERS SHALL BE FORMED FROM STEEL THAT MEETS THE REQUIREMENTS OF ASTM A653, QUALITY SQ, GRADE 33, Fy=33 KSI. BRIDGING PER MANUFACTURER'S REQUIREMENTS AND AS SHOWN IN THE STRUCTURAL DRAWINGS SHALL BE IN PLACE PRIOR TO PLACING OF ANY CONSTRUCTION LOADS. ALL RUNS SHALL BE RIGIDLY ANCHORED TO END WALLS.

INTERIOR NON-BEARING WALL, CEILING, SOFFIT, AND OTHER MISC. COLD-FORMED STEEL FRAMING: COLD-FORMED STEEL FRAMING MEMBERS SHALL MEET THE TYPE, SIZE, AND THICKNESS AS INDICATED IN THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS, AND SHALL CONFORM TO THE MINIMUM PERSCRIPTIVE REQUIREMENTS OF THE GYPSUM CONSTRUCTION HANDBOOK BY CGC, INC. FRAMING CONDITIONS THAT EXCEED THE WEIGHT, SPAN OR HEIGHT LIMITATIONS SHALL BE CONSTRUCTED USING APPLICABLE DETAILS ON THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, DETAILING, FABRICATION AND ERECTION OF ALL COLD-FORMED FRAMING NOT SPECIFICALLY DETAILED IN THE GYPSUM CONSTRUCTION HANDBOOK OR ON THE STRUCTURAL DRAWINGS. THE DESIGN AND DETAILING OF THE COLD-FORMED STEEL FRAMING AND CONNECTION TO THE STRUCTURE SHALL BE PREPARED UNDER THE DIRECTION OF AND SHALL BE STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT AND SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO CONSTRUCTION.

COLD-FORMED STEEL FRAMING SUBSTITUTION: AT THE CONTRACTOR'S OPTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, DETAILING, FABRICATION AND ERECTION OF THE INTERIOR NON-BEARING COLD-FORMED STEEL FRAMING, NOT OCCURRING AT BRICK VENEER, AND THE CONNECTION OF THE COLD-FORMED STEEL FRAMING TO THE STRUCTURE. THE DESIGN AND DETAILING OF THE COLD-FORMED STEEL FRAMING AND CONNECTION TO THE STRUCTURE SHALL BE PREPARED UNDER THE DIRECTION OF AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT AND SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO CONSTRUCTION.

POWDER ACTUATED FASTENERS: SHALL BE X-U UNIVERSAL KNURLED SHANK FASTENER BY HILTI OR PRE-APPROVED EQUAL. INSTALL PER ALL MANUFACTURER'S PUBLISHED RECOMMENDATIONS. COLD-FORMED STEEL TO STRUCTURAL STEEL: UNLESS NOTED OTHERWISE, PROVIDE 0.157" SHANK DIAMETER X-U LOW-VELOCITY FASTENER. FASTENER TIP SHALL PENETRATE STRUCTURAL STEEL. COLD-FORMED STEEL TO CONCRETE: UNLESS NOTED OTHERWISE, PROVIDE 0.157" SHANK DIAMETER X-U LOW-VELOCITY FASTENER - EMBED 1-1/2" MINIMUM INTO CONCRETE, UNLESS NOTED OTHERWISE.

MISCELLANEOUS:

PRE-APPROVED SUBSTITUTIONS: SUBSTITUTIONS MAY BE ALLOWED ONLY IF THEY MEET THE REQUIREMENTS OF THESE GENERAL NOTES AND THE SPECIFICATIONS, AND IF COMPLETE WRITTEN ENGINEERING DATA FOR EACH CONDITION REQUIRED FOR THIS PROJECT IS PROVIDED TO THE STRUCTURAL ENGINEER TWO WEEKS PRIOR TO BID DATE AND APPROVED IN WRITTEN ADDENDA BY THE ARCHITECT. DATA IS TO INDICATE CODE BASIS BY YEAR, AUTHORITY FOR STRESSES AND STRESS INCREASES, IF ANY, AND AMOUNT OF EXPECTED DEFLECTION FOR FLEXURAL MEMBERS UNDER (1) TOTAL LOAD AND (2) LIVE LOAD ONLY. ALL INCREASED COSTS IN MECHANICAL, SPRINKLER, ELECTRICAL OR GENERAL INSTALLATION AND ANY ARCHITECTURAL OR STRUCTURAL REDESIGN RESULTING FROM SUBSTITUTION SHALL BE BORNE BY THE GENERAL CONTRACTOR.

SHOP DRAWINGS/SUBMITTALS

THE FOLLOWING SHOP DRAWINGS/SUBMITTALS SHALL BE PROVIDED FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION OR DELIVERY.

	STRUCTURAL ENGR.	BLDG. DEPT.
1. CONCRETE MIX DESIGNS	X	X
2. REINFORCING STEEL SHOP DRAWINGS	X	
3. STRUCTURAL STEEL	X	X
4. COLD-FORMED STEEL FRAMING	X	X
5. MISCELLANEOUS STEEL	X	X
6. CONTRACTOR'S STATEMENT OF RESPONSIBILITY	X	X

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED BY AN INDEPENDENT TESTING LABORATORY PER THE REQUIREMENTS OF IBC CHAPTER 17 AND THE LOCAL BUILDING OFFICIAL OR APPLICABLE JURISDICTION AND THE CONTRACT DOCUMENTS. THE SPECIAL INSPECTOR SHALL SUBMIT INSPECTION REPORTS AND A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL FOR THE ITEMS LISTED IN THE QUALITY ASSURANCE/SPECIAL INSPECTION SECTION.

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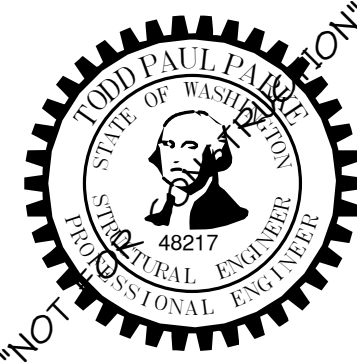
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KEY PLAN

ISSUE CHART

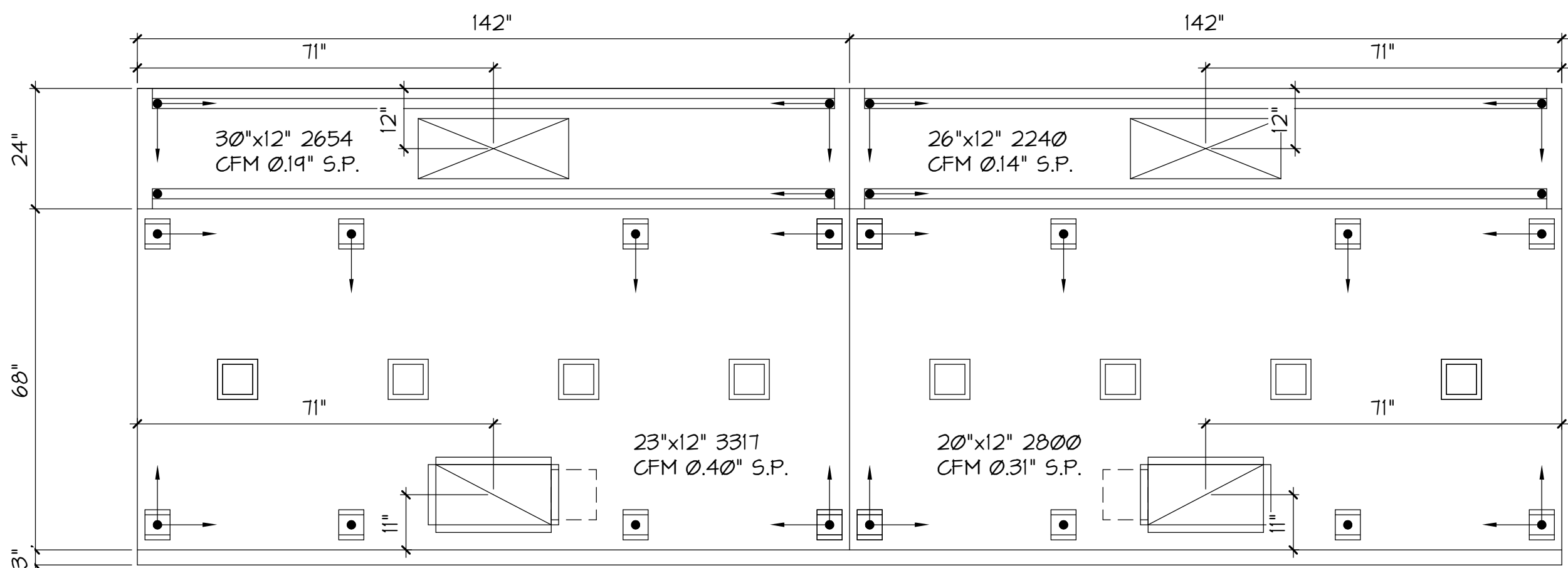
ISSUE	ISSUE	DATE
Job Number	24127	TITLE

GENERAL NOTES

SHEET NUMBER

S01-02

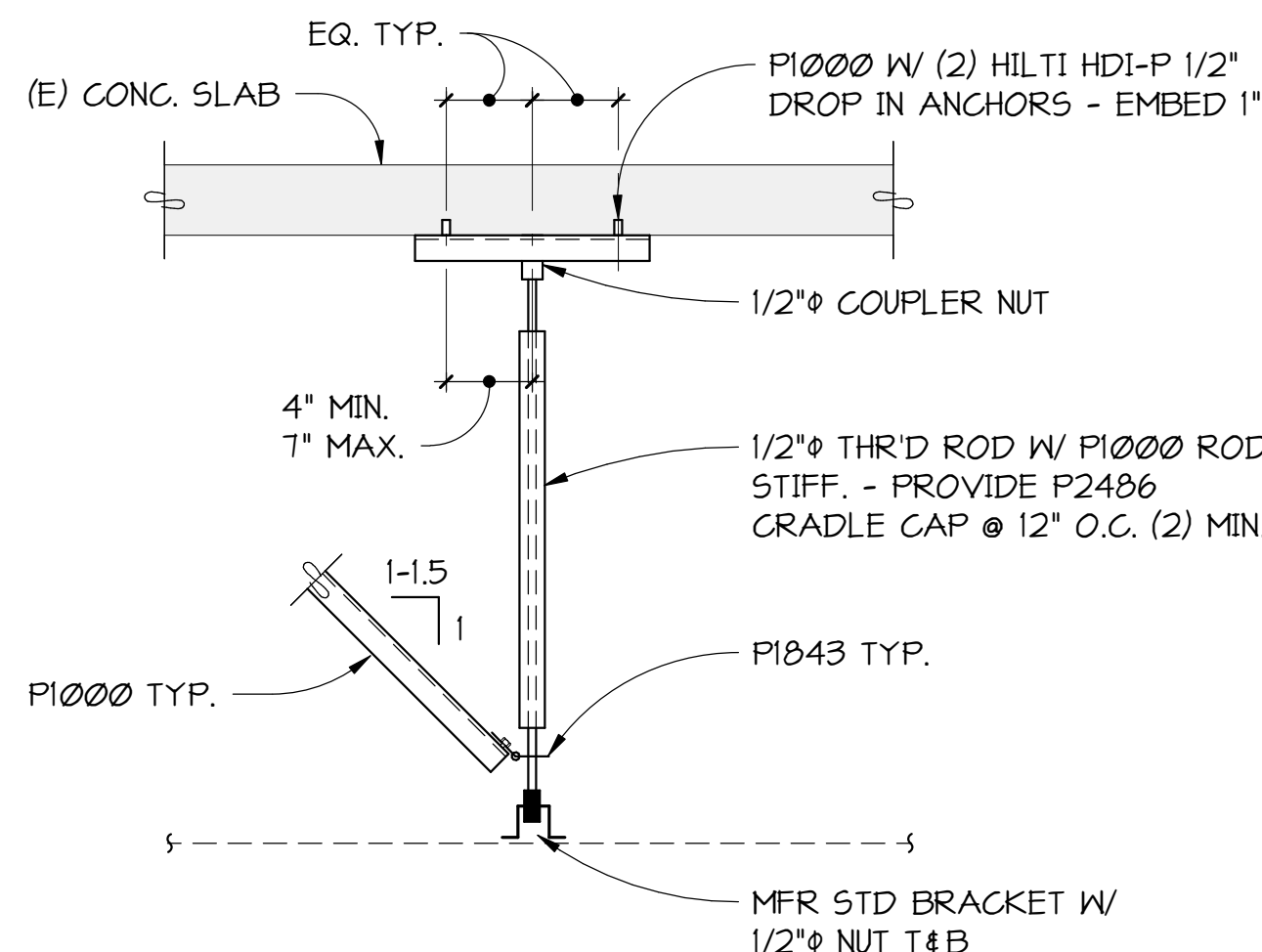
100% CD SET 06/30/2025



FRAMING NOTES:

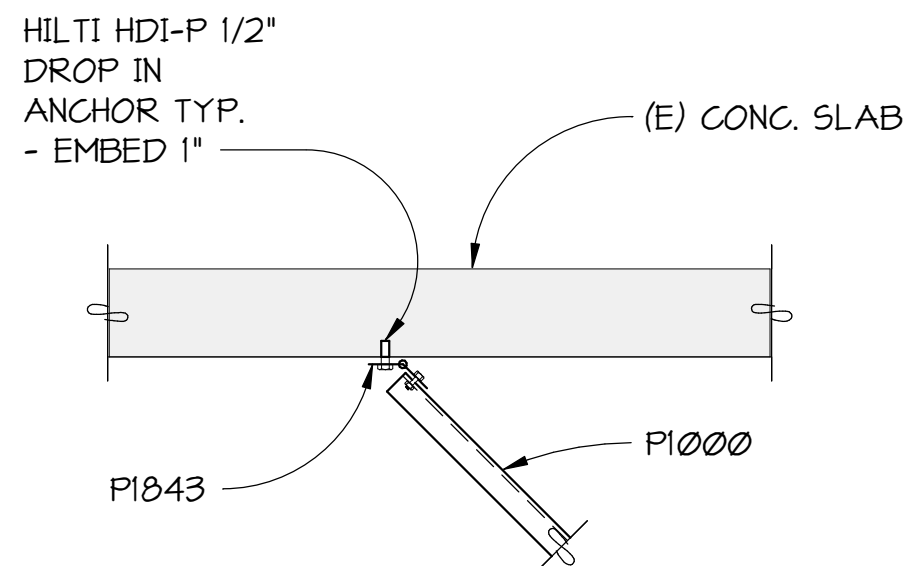
- INDICATES 1/2" DIAMETER ALL THREAD ROD WITH P1000 STRUT SUPPORT AND P1000 BRACE UP TO STRUCTURE. ARROW END OF BRACE INDICATES THE END WHICH CONNECTS TO STRUCTURE. SEE DETAIL 2/521-02 FOR TYPICAL CONNECTION INFORMATION.
- INDICATES 1/2" DIAMETER ALL THREAD ROD WITH P1000 STRUT SUPPORT. SEE DETAIL 2/521-02 FOR TYPICAL CONNECTION INFORMATION.

1 PLAN
1/2" = 1'-0"



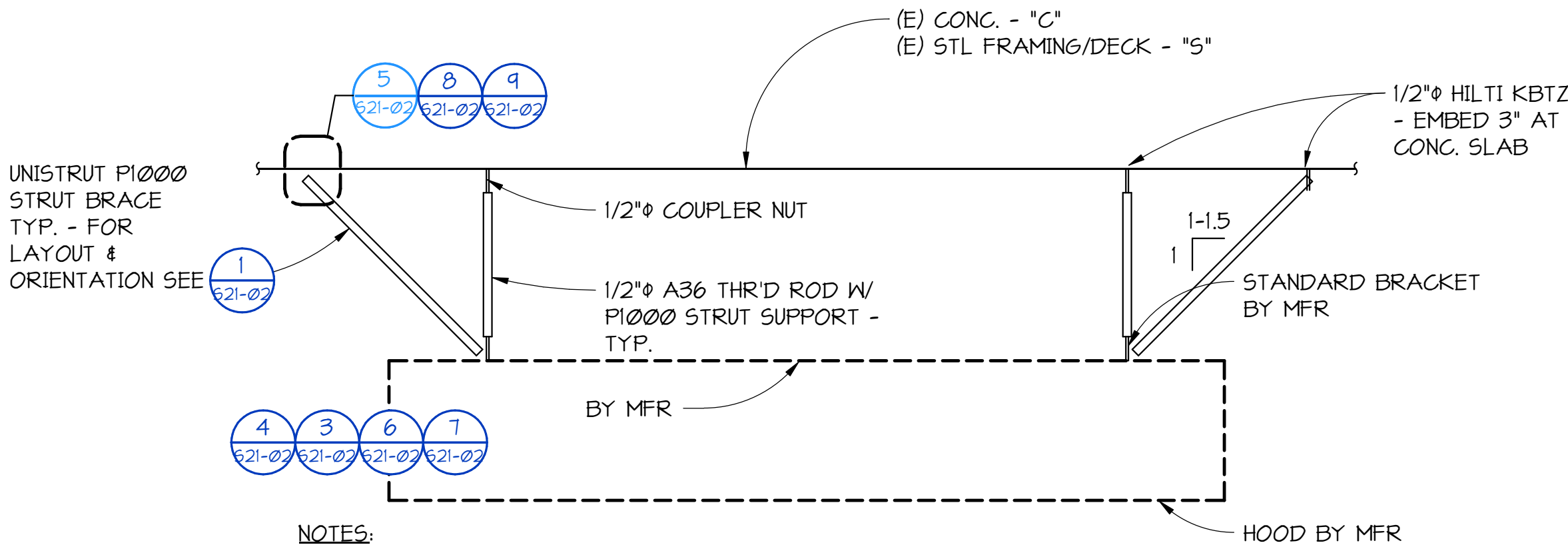
TYPICAL SUPPORT AT SLAB

4 DETAIL
NO SCALE



TYPICAL BRACE AT SLAB

5 DETAIL
NO SCALE

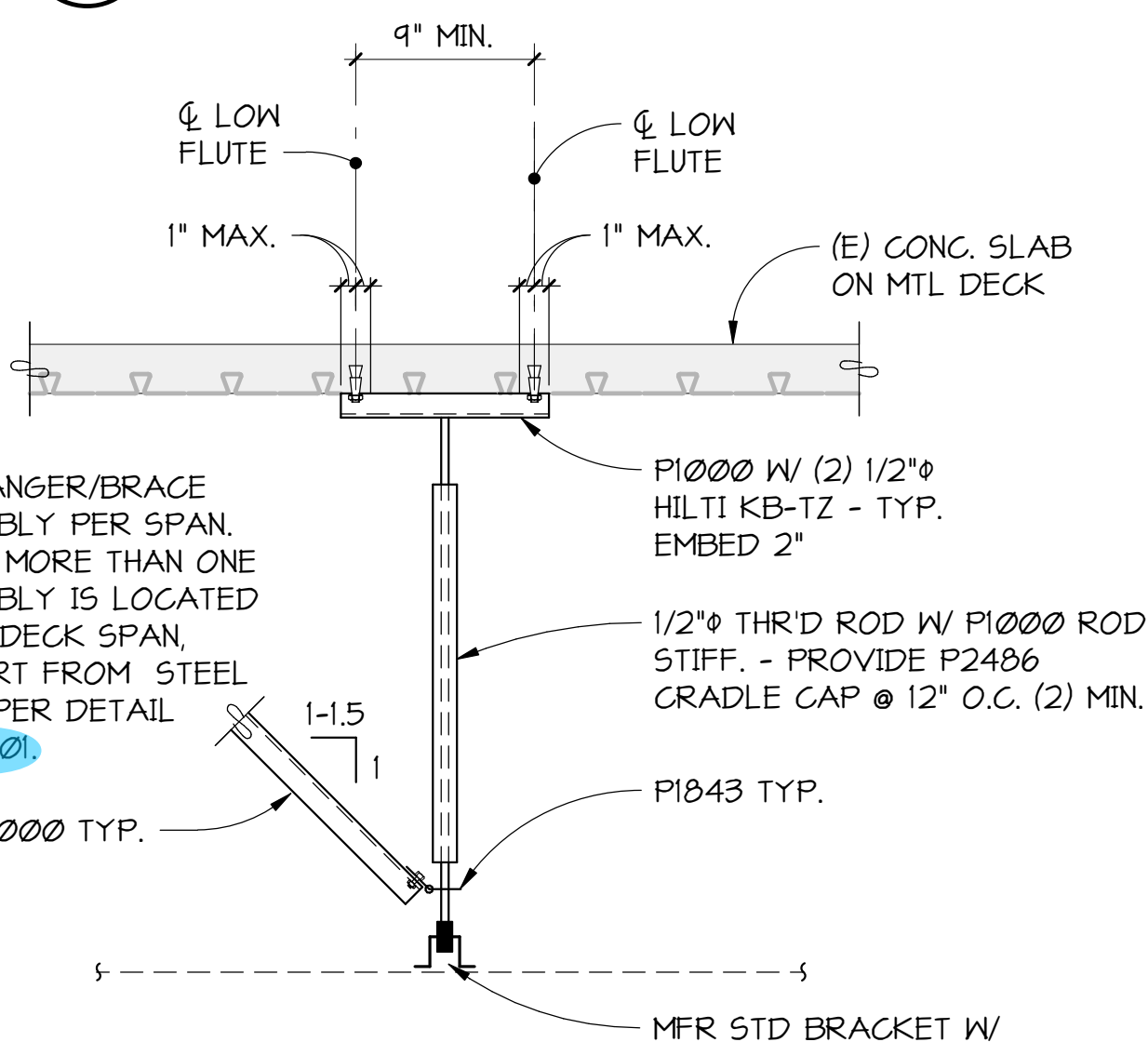


NOTES:

- SUPPORTS SHALL BE LOCATED AS REQUIRED BY THE HOOD MANUFACTURER. SUPPORT AND BRACING DETAILS VARY BASED ON LOCATIONS.
- EACH HOOD SHALL HAVE BRACES WITH OPPOSING ORIENTATION AS SHOWN ON 1/21-01.
- PROVIDE 1/2" BOLTS AND CHANNEL NUTS AT ALL STRUT CONNECTIONS UNLESS NOTED OTHERWISE. PROVIDE ADDITIONAL HARDWARE AT CONNECTIONS AS REQUIRED BY MANUFACTURER. INSTALL PER PUBLISHED RECOMMENDATIONS.
- ALL PXXXX STRUTS AND STRUT HARDWARE BY UNISTRUT OR PRE-APPROVED EQUAL.

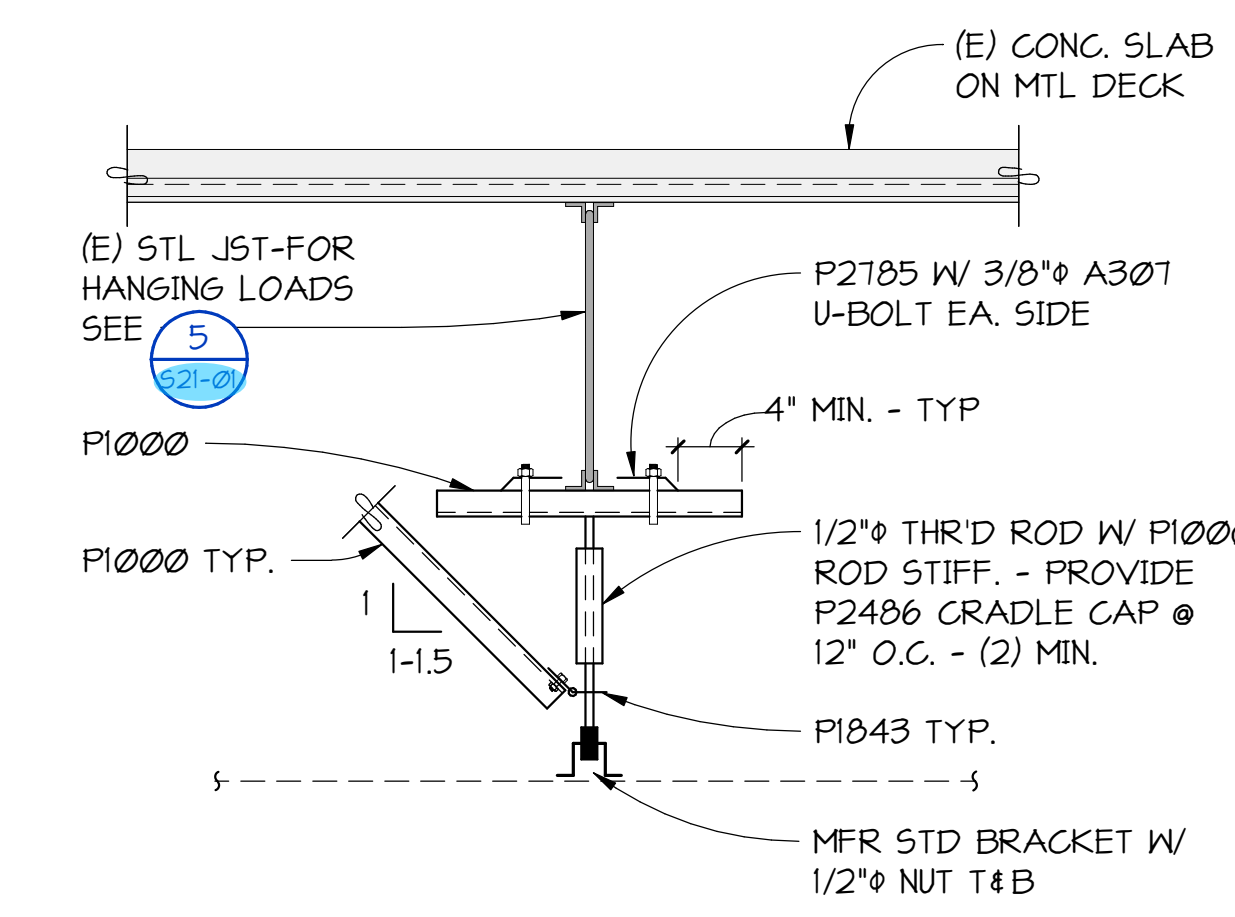
LIFT SUPPORT AT EXISTING FRAMING

2 SECTION
NO SCALE



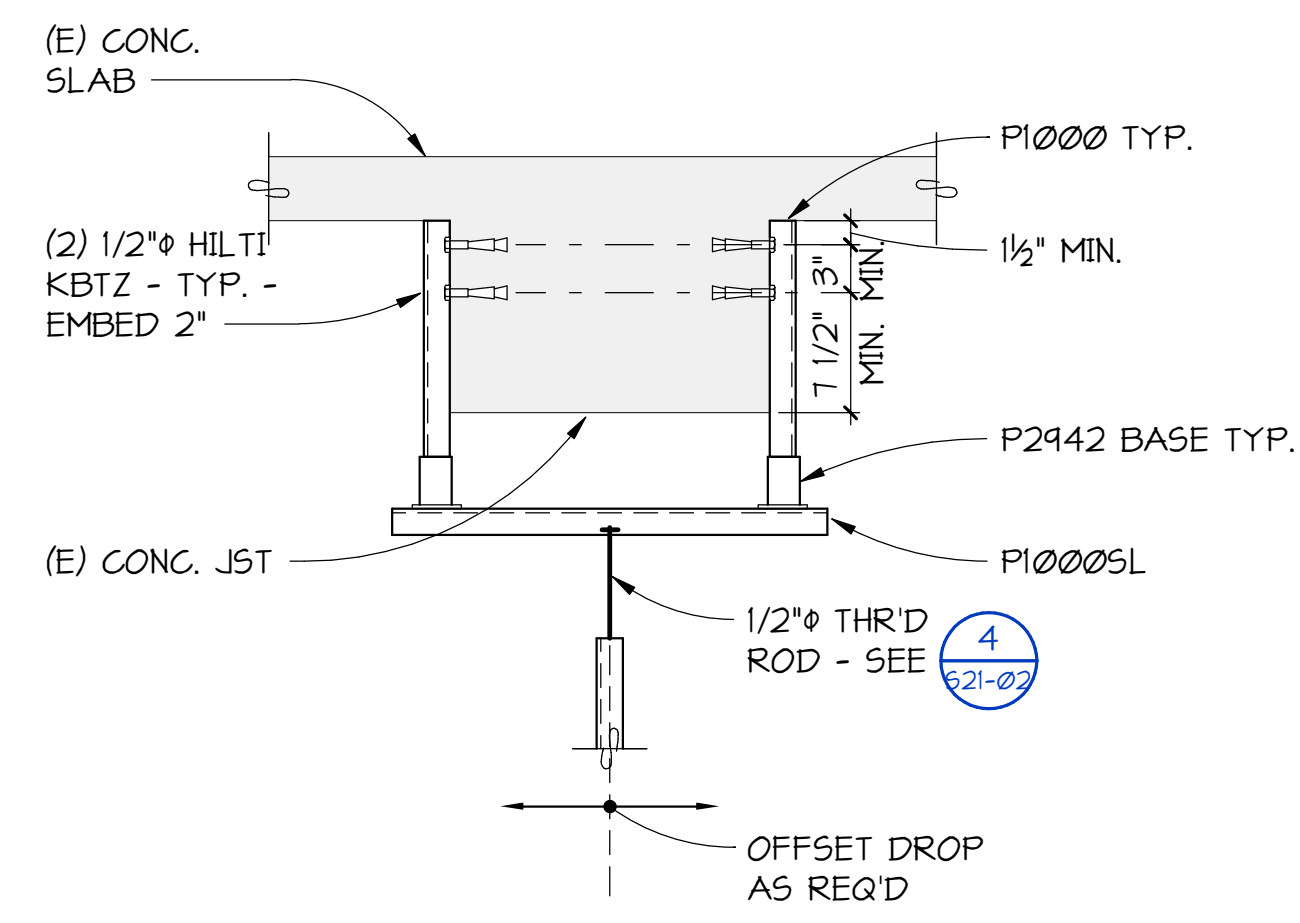
TYPICAL SUPPORT AT SLAB ON METAL DECK

6 DETAIL
NO SCALE



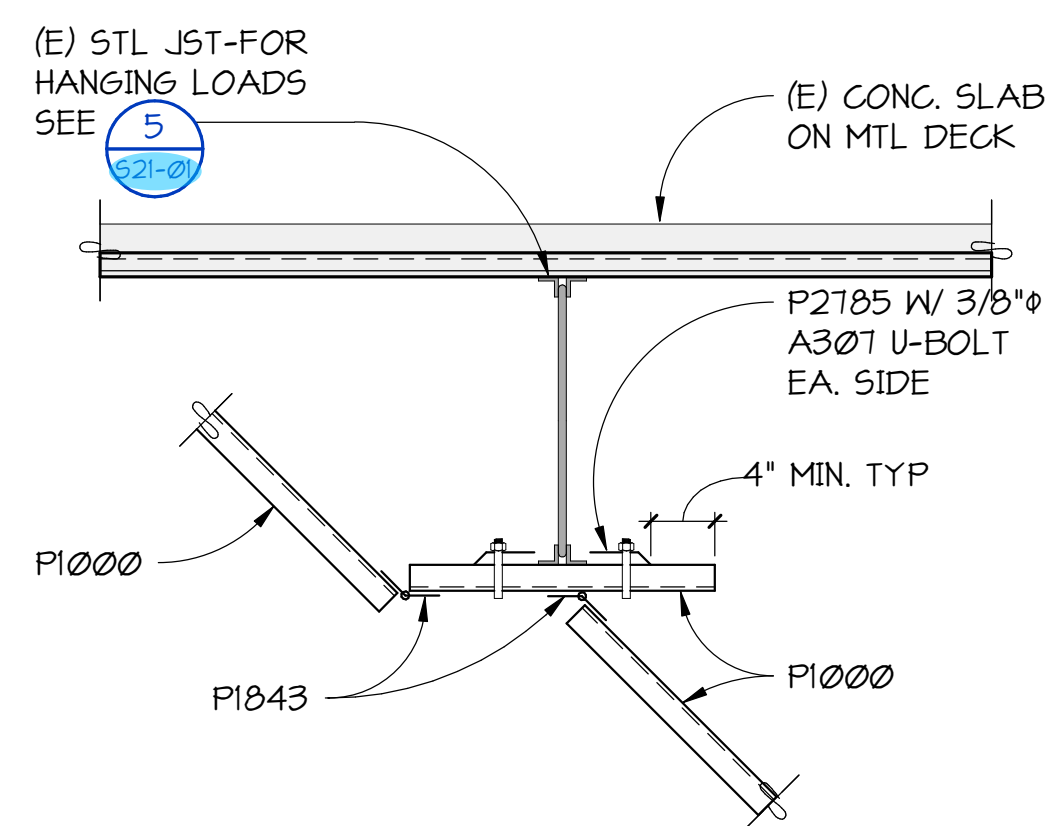
TYPICAL SUPPORT AT STEEL BEAM

7 DETAIL
NO SCALE



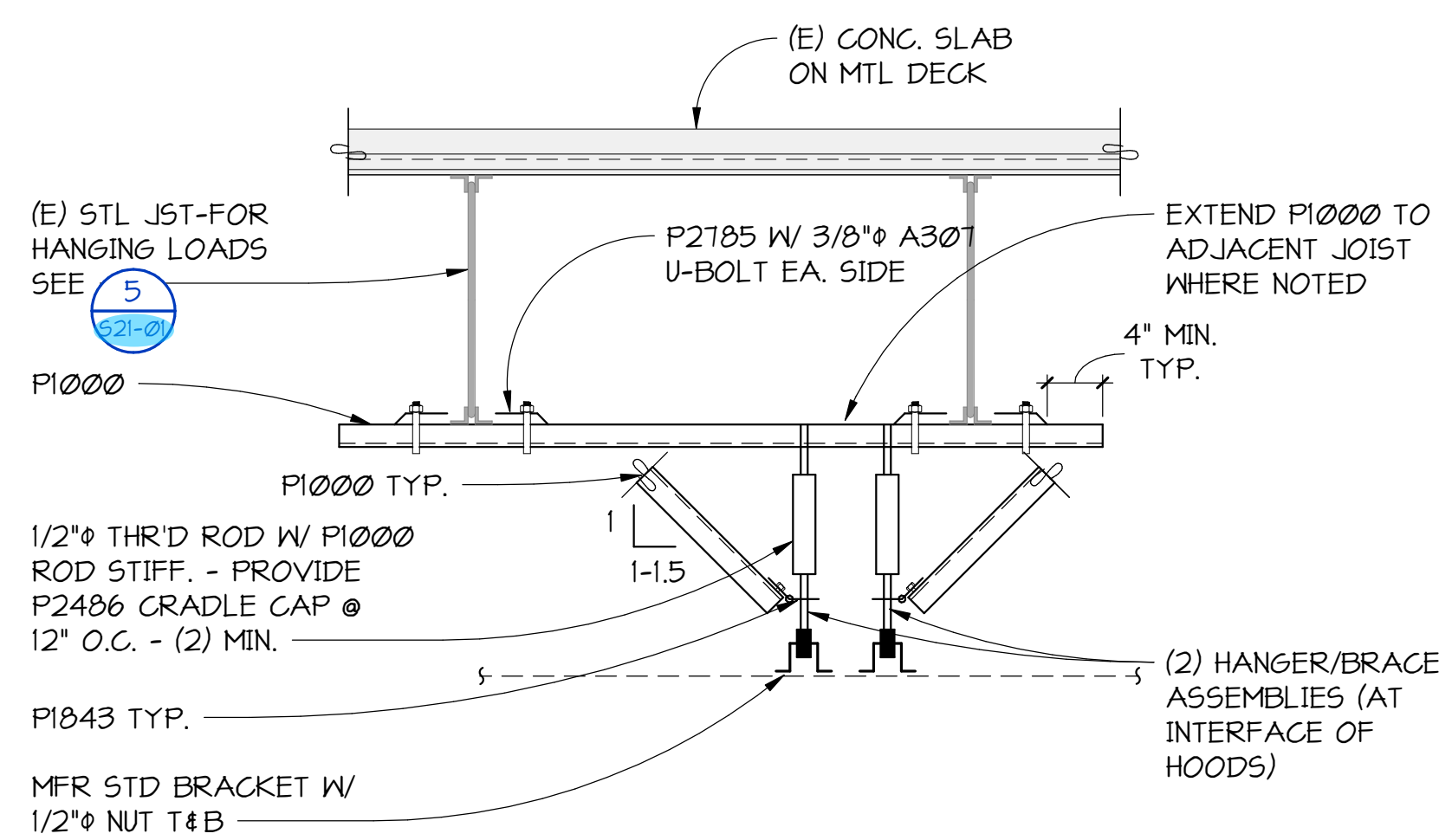
ALTERNATE DROP DETAIL AT CONCRETE JOIST AS REQUIRED

3 SECTION
NO SCALE



TYPICAL BRACE AT BOTTOM OF STEEL BEAM

9 DETAIL
NO SCALE



TYPICAL BRACE AT WEB OF STEEL BEAM

10 DETAIL
NO SCALE

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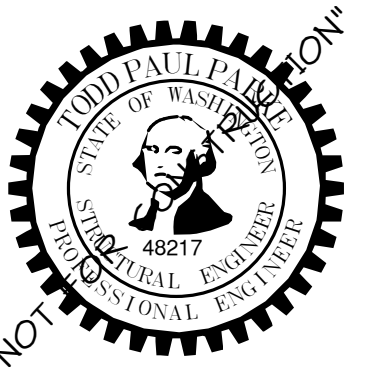
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MULTICARE

KEY PLAN

ISSUE CHART

WWSW ISSUE DATE
Job Number 24127
TITLE

STEEL DETAILS

SHEET NUMBER

S21-02

STRUCTURAL SYSTEM	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	COMMENTS	REFERENCES
CONCRETE	INSPECT REINFORCEMENT, INCLUDING PRE-STRESSING TENDONS, AND VERIFY PLACEMENT		X	SPECIAL INSPECTIONS NOT REQUIRED FOR THE FOLLOWING CONDITIONS:	ACI 318: CH 20, 25.2, 25.3, 26.6-1 TO 26.6-3, IBC 1908
	ANCHORS CAST IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE		X	NON-STRUCTURAL SLAB ON GRADE	ACI 318: 26.7 AISC 360 SECTION N7
	VERIFY USE OF REQUIRED DESIGN MIX		X	CONCRETE FOUNDATION WALLS WITH $F_c \leq 2500$ PSI	ACI 318, CH 19
	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X		ISOLATED SPREAD FOOTINGS FOR BUILDINGS THREE-STORIES AND LESS ABOVE GRADE PLANE	ASTM C172, C31 ACI 318: 26.4, 26.12
	CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION	X		CONTINUOUS FOOTINGS SUPPORTING WALLS OF THREE-STORIES AND LESS ABOVE GRADE PLANE WHERE WALLS ARE LIGHT-FRAME CONSTRUCTION AND STRUCTURAL DESIGN IS BASED ON $F_c \leq 2500$ PSI	ACI 318: 26.5
	MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		X		ACI 318: 26.5.3 TO 26.5.5
	ANCHORS POST-INSTALLED IN HARDENED CONCRETE (MECHANICAL ANCHORS INSTALLED IN ANY DIRECTION AND ADHESIVE ANCHORS INSTALLED DOWNWARD)		X	PERIODIC INSPECTION TO INCLUDE A QUANTITY OF 10% WITH A MINIMUM OF (5) ANCHORS INSPECTED PER INSTALLER ON A DAILY BASIS.	ACI 318: 26.7 MFR EVAL REPORT MFR PUBLISHED INSTALLATION INSTRUCTIONS
	ANCHORS POST-INSTALLED IN HARDENED CONCRETE (ADHESIVE ANCHORS INSTALLED HORIZONTAL OR UPWARDLY INCLINED)	X			ACI 318: 26.7 MFR EVAL REPORT MFR PUBLISHED INSTALLATION INSTRUCTIONS
	INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		X		ACI 318: 26.11.1, 2(b)
	MATERIAL VERIFICATION OF REINFORCEMENT STEEL FOR ASTM A615 REINFORCING		X	MANUFACTURER SHALL PROVIDE MILL TEST REPORTS. CONTINUOUS INSPECTION FOR ALL WELDS GREATER THAN 5/16" FILLET. PERIODIC INSPECTION FOR FILLET WELD 5/16" AND SMALLER	ACI 318: 26.6.4 AWS D1.4 IBC 1705.3.1
	TESTING OF MATERIALS		X		IBC 1705.3.2
SUSPENDED CEILINGS	ANCHORAGE AND SEISMIC BRACING		X		
STORAGE RACKS	MATERIALS USED, TO VERIFY COMPLIANCE WITH ONE OR MORE OF THE MATERIAL TEST REPORTS IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS		X	SPECIAL INSPECTION NOT REQUIRED FOR STORAGE RACKS < 8 FT. HIGH	IBC 1705.13.7
	FABRICATED STORAGE RACK ELEMENTS		X		IBC 1704.2.5
	STORAGE RACK ANCHORAGE INSTALLATION		X		ANSI/MH16.1, SECTION 7.3.2
	COMPLETED STORAGE RACK SYSTEM, TO INDICATE COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS		X		
MECHANICAL AND ELECTRICAL SYSTEMS	MINIMUM CLEARANCE TO SPRINKLER PIPING OF 3"		X		IBC 1705.13.6

TESTING AND SPECIAL INSPECTION REPORTS SHALL BE PREPARED FOR EACH INSPECTION ITEM ON A DAILY BASIS WHENEVER WORK IS PERFORMED ON THAT ITEM. REPORTS SHALL BE DISTRIBUTED TO OWNER, CONTRACTOR, BUILDING OFFICIAL, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.

STRUCTURAL OBSERVATIONS SHALL BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD OR DESIGNATED REPRESENTATIVE IN ACCORDANCE WITH IBC 1704.6. STRUCTURAL OBSERVATION SHALL BE PERFORMED AS FOLLOWS:

- » PERIODIC VISUAL OBSERVATION OF STRUCTURAL SYSTEMS FOR GENERAL CONFORMANCE TO CONSTRUCTION DOCUMENTS AT SIGNIFICANT CONSTRUCTION STAGES.
- » REVIEW OF TESTING AND INSPECTION REPORTS.
- » REPORTS SHALL BE PREPARED FOR EACH SITE VISIT AND SHALL BE DISTRIBUTED TO ARCHITECT.

GENERAL CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL INCLUDE ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.

ABBREVIATION LIST			
⊙	AT	HDR	HEADER
A.B.	ANCHOR BOLT	HGR	HANGER
ADD'L	ADDITIONAL	HORIZ.	HORIZONTAL
A.F.F.	ABOVE FINISH FLOOR	HSS	HOLLOW STRUCTURAL SECTION
ALT.	ALTERNATE	HT	HEIGHT
ARCH.	ARCHITECTURAL	INT.	INTERIOR
BLD'G	BUILDING	JST	JOIST
BLK'G	BLOCKING	JT	JOINT
BM	BEAM	L	ANGLE
B.O.F.	BOTTOM OF FOOTING	L.F.R.S.	LATERAL FORCE-RESISTING SYSTEM
BOT.	BOTTOM	L.L.	LIVE LOAD
BRB	BUCKLING RESTRAINED BRACE	LLH	LONG LEG HORIZONTAL
BRG	BEARING	LLV	LONG LEG VERTICAL
BTWN	BETWEEN	LOC.	LOCATION
B.U.	BUILT UP	LSL	LAMINATED STRAND LUMBER
(C-)	CAMBER	LVL	LAMINATED VENEER LUMBER
CANT.	CANTILEVER	MAX.	MAXIMUM
CFS	COLD-FORMED STEEL	M.B.	MACHINE BOLT
C.J.	CONTROL/CONSTRUCTION JOINT	MECH.	MECHANICAL
CL	CENTERLINE	MEZZ.	MEZZANINE
CLR.	CLEARANCE	MFR	MANUFACTURER
CLT	CROSS-LAMINATED TIMBER	MIN.	MINIMUM
CMU	CONCRETE MASONRY UNIT	MISC.	MISCELLANEOUS
COL.	COLUMN	MTL	METAL
CONC.	CONCRETE	MT SCREW	MASS TIMBER SCREW
CONN.	CONNECTION	N.F.	NEAR FACE
CONST.	CONSTRUCTION	N.S.	NEAR SIDE
CONT.	CONTINUOUS	NTS	NOT TO SCALE
CONTR.	CONTRACTOR	O.C.	ON CENTER
COORD.	COORDINATE	OPN'G	OPENING
C.P.	COMPLETE PENETRATION	OPP.	OPPOSITE
CTR'D	CENTERED	P.A.F.	POWDER ACTUATED FASTENER
C.Y.	CUBIC YARD	PERP.	PERPENDICULAR
DBL.	DOUBLE	PL	PLATE
DCW	DEMAND CRITICAL WELD	P.P.	PARTIAL PENETRATION
D.F.	DOUGLAS FIR	P.P.T.	PRESERVATIVE PRESSURE TREATED
DIA. OR Ø	DIAMETER	P.S.F.	POUNDS PER SQUARE FOOT
DIAG.	DIAGONAL	PSL	PARALLAM
DIM.	DIMENSION	P.T.	POST TENSION
D.L.	DEAD LOAD	PLY.	PLYWOOD
DLT	DOWEL-LAMINATED TIMBER	REINF.	REINFORCEMENT
DWG	DRAWING	REQ'D	REQUIRED
DWL	DOWEL	SCHED.	SCHEDULE
(E)	EXISTING	SCL	STRUCTURAL COMPOSITE LUMBER
EA.	EACH	SHT'G	SHEATHING
E.F.	EACH FACE	SIM.	SIMILAR
EL.	ELEVATION	S.O.G.	SLAB ON GRADE
ELEV.	ELEVATOR	SQ.	SQUARE
ENGR	ENGINEER	STD	STANDARD
EQ.	EQUAL	STIFF.	STIFFENER
E.W.	EACH WAY	STL	STEEL
EXP.	EXPANSION	STRUCT.	STRUCTURAL
EXT.	EXTERIOR	T&B	TOP & BOTTOM
FDN	FOUNDATION	T&G	TONGUE AND GROOVE
F.F.	FAR FACE	THR'D	THREADED
FLR	FLOOR	T.O.F.	TOP OF FOOTING
F.O.M.	FACE OF MASONRY	T.O.S.	TOP OF STEEL
F.O.S.	FACE OF STUD	TRT'D	TREATED
FRMG	FRAMING	TYP.	TYPICAL
F.R.T.	FIRE RETARDANT TREATED	UNO.	UNLESS NOTED OTHERWISE
F.S.	FAR SIDE	UT.	ULTRASONIC TESTED
FTG	FOOTING	VERT.	VERTICAL
GA.	GAGE/GAUGE	W	WITH
GALV.	GALVANIZED	W.P.	WORK POINT
GL.	GLULAM	WT	WEIGHT
GR.	GRADE	WWR.	WELDED WIRE REINFORCING
GWB	GYPSPUM WALL BOARD		

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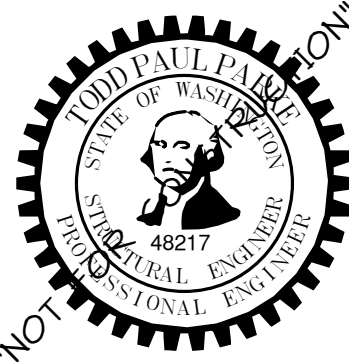
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Seattle, WA, 98104



MultiCare
Good Samaritan
Hospital Kitchen

401 15th Ave SE,
Puyallup,
WA 98372



MULTICARE

KEY PLAN

ISSUE CHART

ISSUE	ISSUE	DATE
Job Number	24127	TITLE

GENERAL NOTES

SHEET NUMBER

S01-04

100% CD SET 06/30/2025

NOTE:
PROVIDE LOAD BEARING SHIMS OR GROUT BETWEEN UNDERSIDE OF WALL BOTTOM TRACK OR RIM TRACK AND SUPPORT BELOW AT STUD OR JOIST LOCATION WHERE GAP GREATER THAN 1/4" OCCURS.

- FOR NON-SHEAR WALL USE P.A.F. @ 16" O.C. MAX. (EMBED 1/2" MIN.) (NOT ALLOWED AT SHEAR WALLS)
- FOR SHEAR WALL USE 5/8" ADHESIVE ANCHOR @ 32" O.C. MAX. (SPACING PER SHEAR WALL SCHED. WHERE OCCURS) (EMBED 7" MIN.)
- W/ 3"x3"x1/4" P. WASHER

43 MIL MIN. TRACK, OR MATCH STUD THICKNESS WHICHEVER IS GREATER - MIN. FLANGE WIDTH = 1/4"

STUD ENDS MUST BEAR ON TRACK WEB - 1/16" GAP MAX. AT BRG WALL - 1/8" MAX. AT NON-BRG WALL

#8 SCREW EA. STUD TYP.

TYPICAL COLD-FORMED STEEL STUD AND TRACK ATTACHMENT

1
521-11
NO SCALE

NOTE:
PROVIDE LOAD BEARING SHIMS OR GROUT BETWEEN UNDERSIDE OF WALL BOTTOM TRACK OR RIM TRACK AND SUPPORT BELOW AT STUD OR JOIST LOCATION WHERE GAP GREATER THAN 1/4" OCCURS.

L3x EA. SIDE OF JAMB STUD FOR ALL PENETRATION WIDTHS

5/8" ADHESIVE ANCHOR - EMBED 7"

AT CONTRACTOR'S OPTION UNLESS NOTED OTHERWISE ALTERNATE JAMB ATTACHMENT AT FOUNDATION WALL

1/2" EQ.

1/2" EQ.

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1/2" EQ.

1/2" EQ.

TRACK BLOCK PIECE TO MATCH WALL STUD CLIP FLANGE & BEND - INSTALL 96" O.C. MAX. - ALL STRAPS SHALL BE CONNECTED TO AT LEAST (1) BLOCK - PROVIDE ADD'L BLOCK EA. SIDE AT DISCONTINUOUS STRAP

C.F.S. STUD

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

(2) #8 EA. FLANGE TYP.

SCREW ATTACHMENT - (4) #8 MIN. SCREWS EA. SIDE

TAUT 33 MIL x 1/2" CONT. STRAP EA. SIDE

(1) #8 SCREW EA. FLANGE EA. STUD

OPTION 1: BRIDGING CONSISTS OF DOUBLE FLAT STRAP WITH BLOCKING

OPTION 2: BRIDGING CONSISTS OF COLD-ROLLED CHANNEL WITH CLIP ANGLE (6" MAXIMUM STUD SIZE)

OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

PLAN

PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

150U50-54 COLD-ROLLED CHANNEL - OPTIONAL SPLICE AT CLIP

CLIP ANGLE - PROVIDE DBL. CLIP ANGLE (1) EA. SIDE) AT B.U. STUDS

OPTION 2: BRIDGING CONSISTS OF COLD-ROLLED CHANNEL WITH CLIP ANGLE (6" MAXIMUM STUD SIZE)

OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

PLAN

PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

150U50-54 COLD-ROLLED CHANNEL - OPTIONAL SPLICE AT CLIP

CLIP ANGLE - PROVIDE DBL. CLIP ANGLE (1) EA. SIDE) AT B.U. STUDS

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OPTION 4: FULL HEIGHT SHEATHING EACH FACE

PLAN

PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

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OPTION 2: BRIDGING CONSISTS OF COLD-ROLLED CHANNEL WITH CLIP ANGLE (6" MAXIMUM STUD SIZE)

OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

PLAN

PLAN

TRACK BLOCK PIECE TO MATCH WALL STUD CLIP FLANGE & BEND - INSTALL 96" O.C. MAX. - ALL STRAPS SHALL BE CONNECTED TO AT LEAST (1) BLOCK - PROVIDE ADD'L BLOCK EA. SIDE AT DISCONTINUOUS STRAP

FULL HT. SHT'G - SEE NOTE #1

(2) #8 EA. FLANGE TYP.

SCREW ATTACHMENT - (4) #8 MIN. SCREWS EA. SIDE

TAUT 33 MIL x 1/2" CONT. STRAP

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

OPTION 1: BRIDGING CONSISTS OF DOUBLE FLAT STRAP WITH BLOCKING

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PLAN

PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

150U50-54 COLD-ROLLED CHANNEL - OPTIONAL SPLICE AT CLIP

CLIP ANGLE - PROVIDE DBL. CLIP ANGLE (1) EA. SIDE) AT B.U. STUDS

OPTION 2: BRIDGING CONSISTS OF COLD-ROLLED CHANNEL WITH CLIP ANGLE (6" MAXIMUM STUD SIZE)

OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

PLAN

PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

150U50-54 COLD-ROLLED CHANNEL - OPTIONAL SPLICE AT CLIP

CLIP ANGLE - PROVIDE DBL. CLIP ANGLE (1) EA. SIDE) AT B.U. STUDS

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OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

PLAN

PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

150U50-54 COLD-ROLLED CHANNEL - OPTIONAL SPLICE AT CLIP

CLIP ANGLE - PROVIDE DBL. CLIP ANGLE (1) EA. SIDE) AT B.U. STUDS

OPTION 2: BRIDGING CONSISTS OF COLD-ROLLED CHANNEL WITH CLIP ANGLE (6" MAXIMUM STUD SIZE)

OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

PLAN

PLAN

PLAN

TYPICAL COLD-FORMED STEEL BOTTOM/TOP TRACK SPLICE

3
521-11
NO SCALE

TYPICAL COLD-FORMED STEEL WALL CORNER

4
521-11
NO SCALE

TYPICAL COLD-FORMED STEEL JAMB STUD ATTACHMENT

2
521-11
NO SCALE

8'-0" MAX. PENETRATION AT 4" OR 3/8" WALL - 12'-0" MAX. PENETRATION AT 6" & 8" WALL

CONT. XXXT250-54 - TYP.

#8 SCREW AT XXXS131-33 NESTED STUD TYP.

L2x2x54 CLIP AT XXXS200-54 NESTED STUD

NESTED XXXS131-33 AT 3/8" & 4" WALL, NESTED XXXS200-54 AT 6" & 8" WALL U.N.O. (OMIT AT 6" & 8" WALL W/ PENETRATION 8'-0" MAX)

#8 SCREW @ 8" O.C. - TYP.

C.F.S. STUD

6" LONG CRIPPLE STUD TO MATCH TYP. WALL STUD SIZE W/ (4) #8 SCREWS TO JAMB

CLIP FLANGE & BEND TRACK W/ (5) #8 SCREWS TO JAMB OR L2x2x54 MIL x 1/2" LESS THAN STUD WIDTH W/ (5) #8 SCREWS EA. LEG

JAMB PER (3) AT NON-BEARING WALL

2"

ROUGH OPNG.

CONT. XXXT250-54 IN 10'-0" LENGTHS

CONT. XXXS131-33 NESTED

ALTERNATE ALLOWED CONDITION AT DISCONTINUOUS TRACK PIECE

OPTION 1: BRIDGING CONSISTS OF DOUBLE FLAT STRAP WITH BLOCKING

OPTION 2: BRIDGING CONSISTS OF COLD-ROLLED CHANNEL WITH CLIP ANGLE (6" MAXIMUM STUD SIZE)

OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

PLAN

PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

150U50-54 COLD-ROLLED CHANNEL - OPTIONAL SPLICE AT CLIP

CLIP ANGLE - PROVIDE DBL. CLIP ANGLE (1) EA. SIDE) AT B.U. STUDS

OPTION 2: BRIDGING CONSISTS OF COLD-ROLLED CHANNEL WITH CLIP ANGLE (6" MAXIMUM STUD SIZE)

OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

TYPICAL SILL AT COLD-FORMED STEEL WALL PENETRATION AT 16'-0" MAXIMUM STUD HEIGHT

4
521-11
NO SCALE

BOT. OF WALL PENETRATION

SILL TRACK W/ NESTED STUD - SEE (4) 521-11

T.O.S. - COORD. EL. W/ GENERAL CONTR.

ANCHORS SAME SIDE OF COL. AT DOOR OPNG.

L2x2x54 MIL x 1/2" LESS THAN STUD WIDTH W/ (3) P.A.F. TO STL. COL. & (4) #8 SCREWS TO NESTED STUD

PARTIAL HT STL. COL.

COORD. LOC. W/ GENERAL CONTR. & WINDOW, DOOR, ETC. MFR AT WALL PENETRATION CONDITION

CONDITION AT STEEL POST UP

COORD. LOC. W/ GENERAL CONTR. & WINDOW, DOOR, ETC. MFR AS REQ'D

FACE OF STL. COL.

2" MAX.

CONT. XXXS131-43 W/ P.A.F. @ 16" O.C.

C.F.S. STUD ABOVE HDR & BELOW SILL

XXXT125-43 W/ P.A.F. @ 16" O.C. ABOVE HDR & BELOW SILL

STL. COL. OR HDR BM OR SILL BM

#8 SCREW @ 6" O.C. EA. SIDE

CONT. XXXT250-54

CONDITION AT OPENING

OPTION 1: BRIDGING CONSISTS OF DOUBLE FLAT STRAP WITH BLOCKING

OPTION 2: BRIDGING CONSISTS OF COLD-ROLLED CHANNEL WITH CLIP ANGLE (6" MAXIMUM STUD SIZE)

OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

PLAN

PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

150U50-54 COLD-ROLLED CHANNEL - OPTIONAL SPLICE AT CLIP

CLIP ANGLE - PROVIDE DBL. CLIP ANGLE (1) EA. SIDE) AT B.U. STUDS

OPTION 2: BRIDGING CONSISTS OF COLD-ROLLED CHANNEL WITH CLIP ANGLE (6" MAXIMUM STUD SIZE)

OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

PLAN

PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

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OPTION 2: BRIDGING CONSISTS OF COLD-ROLLED CHANNEL WITH CLIP ANGLE (6" MAXIMUM STUD SIZE)

OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

PLAN

PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

150U50-54 COLD-ROLLED CHANNEL - OPTIONAL SPLICE AT CLIP

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PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

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PLAN

PLAN

WELDED ANGLE

SCREWED ANGLE

PROVIDE BRIDGING @ 48" O.C. VERT. MAX.

6" MAX.

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OPTION 4: FULL HEIGHT SHEATHING EACH FACE

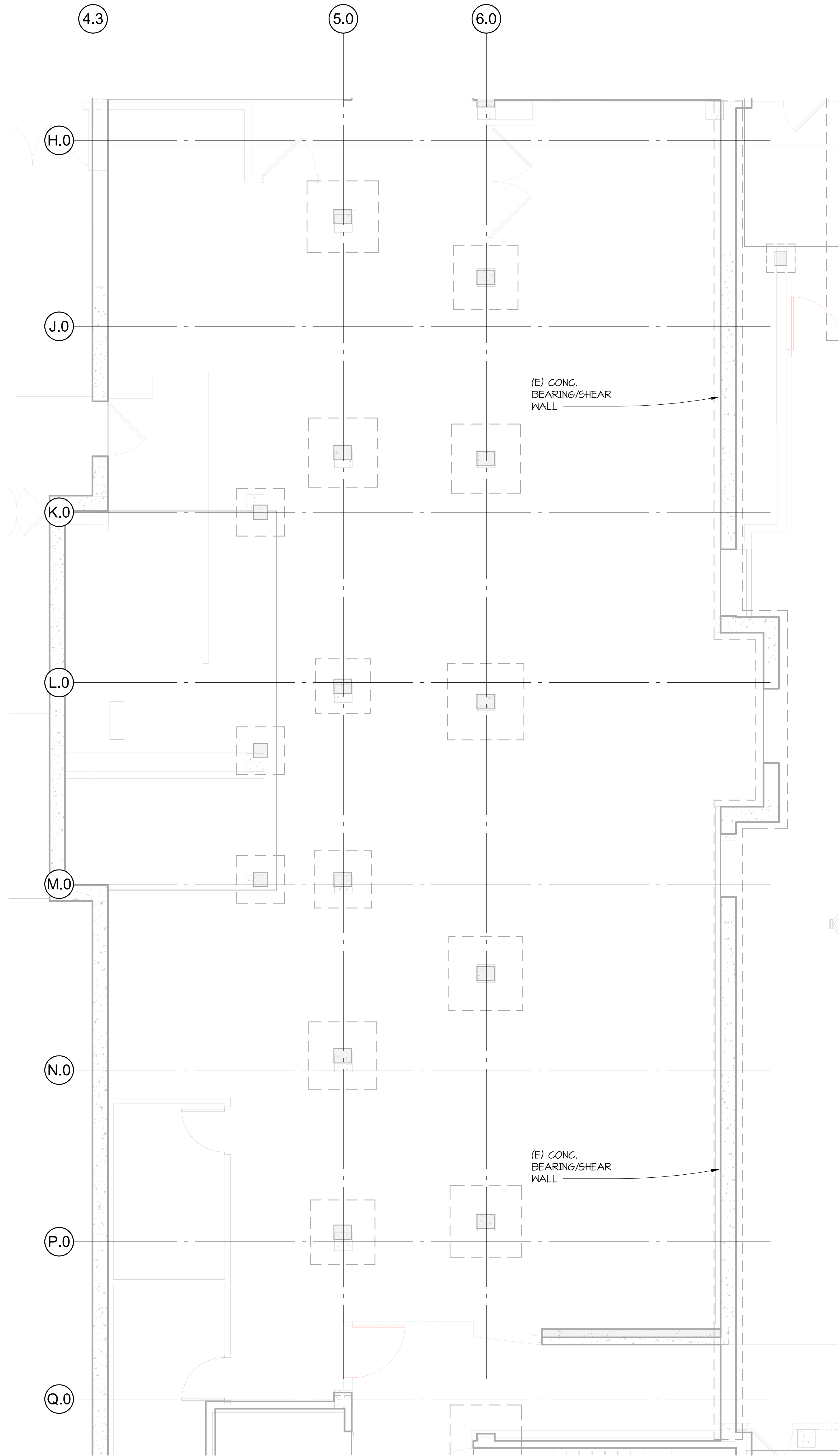
PLAN

6/24/2025 11:48:19 AM Autodesk Docs\\MultiCare - Good Samaritan Hospital Kitchen Expansion\\STRU\\MultiCare-Kitchen-R25.rvt



FRAMING PLAN - LEVEL 01

1/4" = 1'-0"



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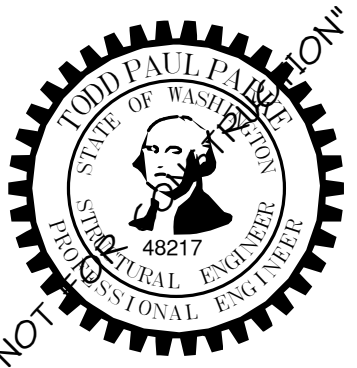
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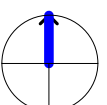
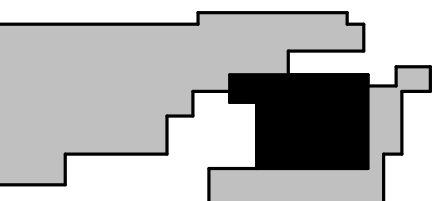
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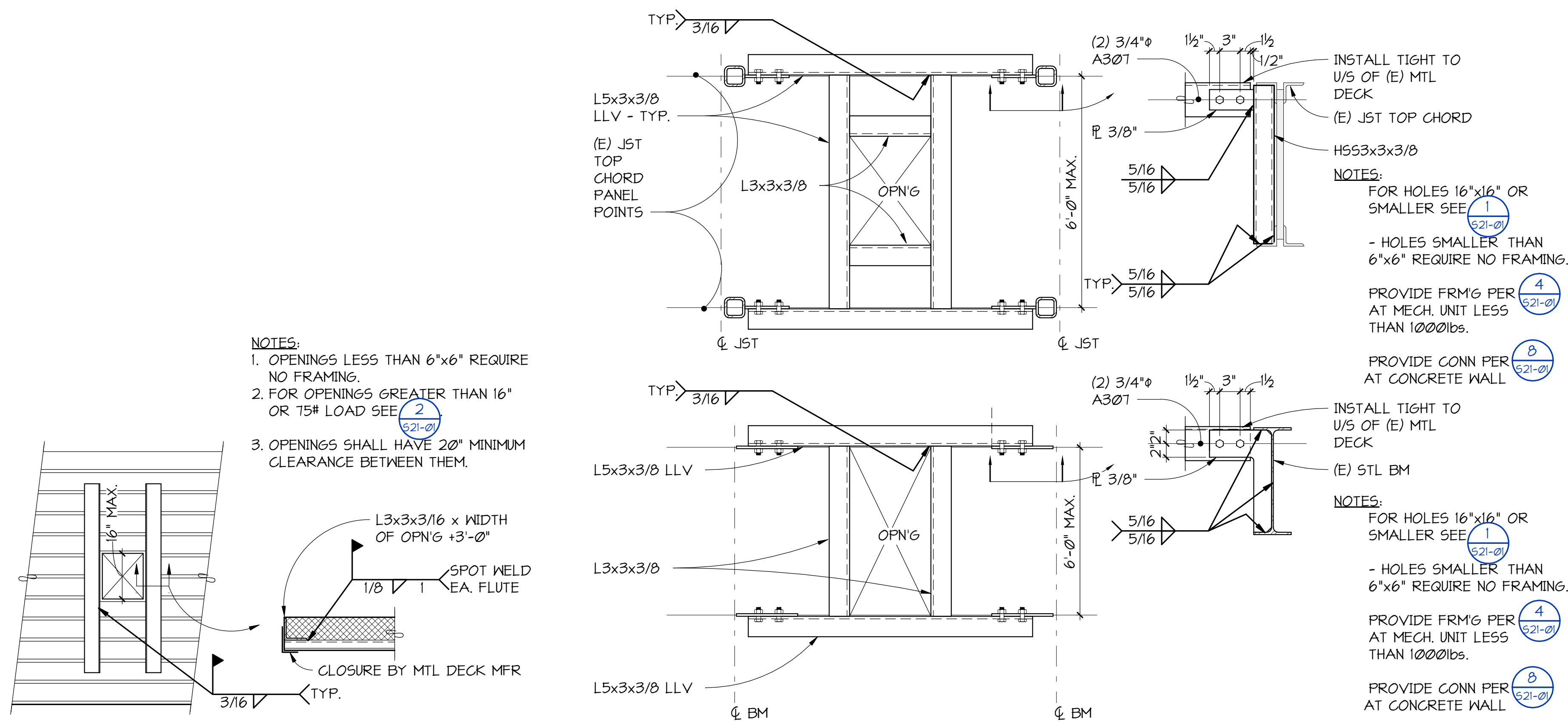
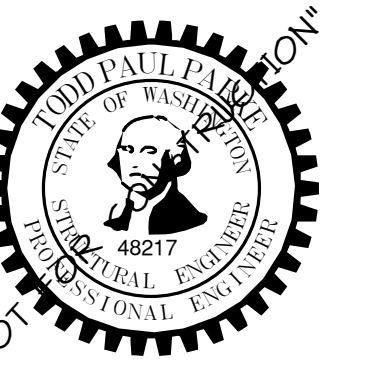
ISSUE CHART

NO.	ISSUE	DATE
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FRAMING PLAN - LEVEL
01 - PHASE 2

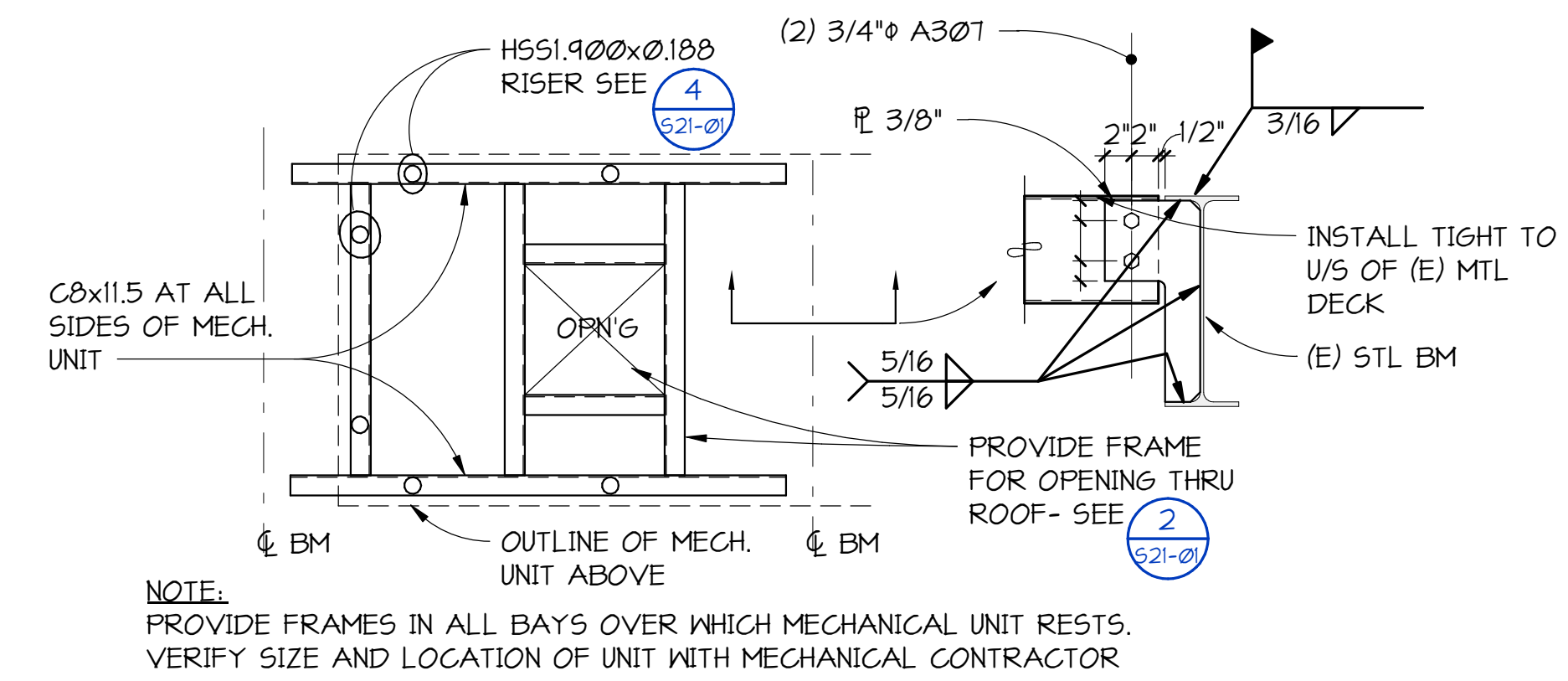
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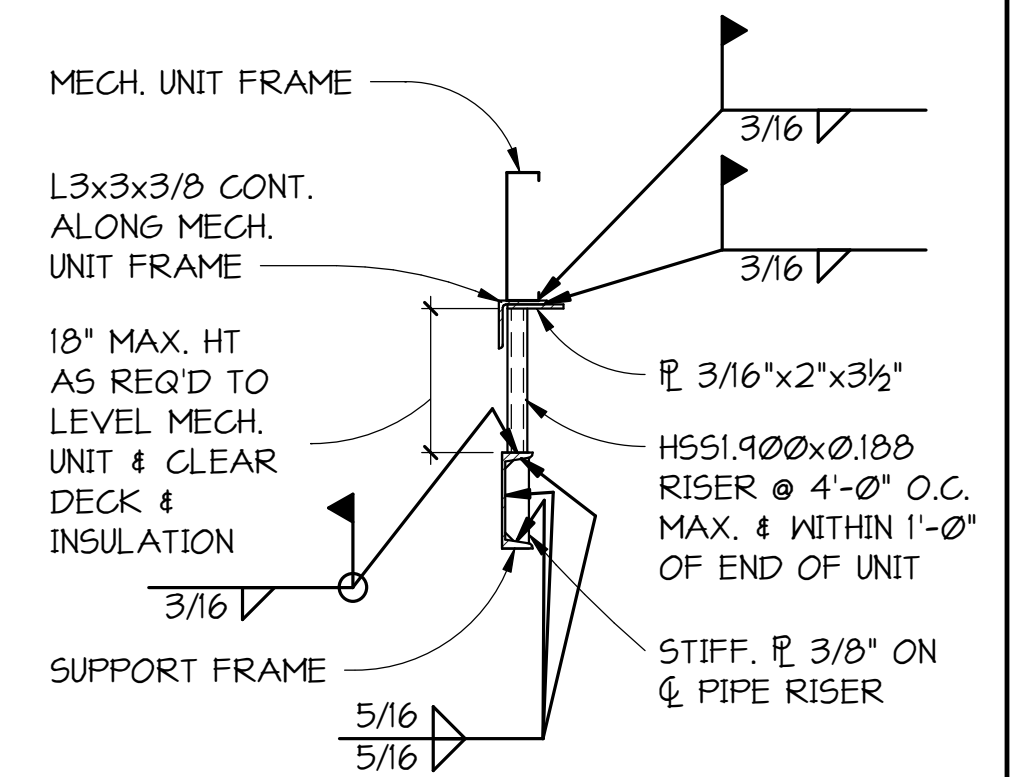


TYPICAL AT ISOLATED OPENINGS IN NON-COMPOSITE METAL DECK LESS THAN 16 INCH SQUARE

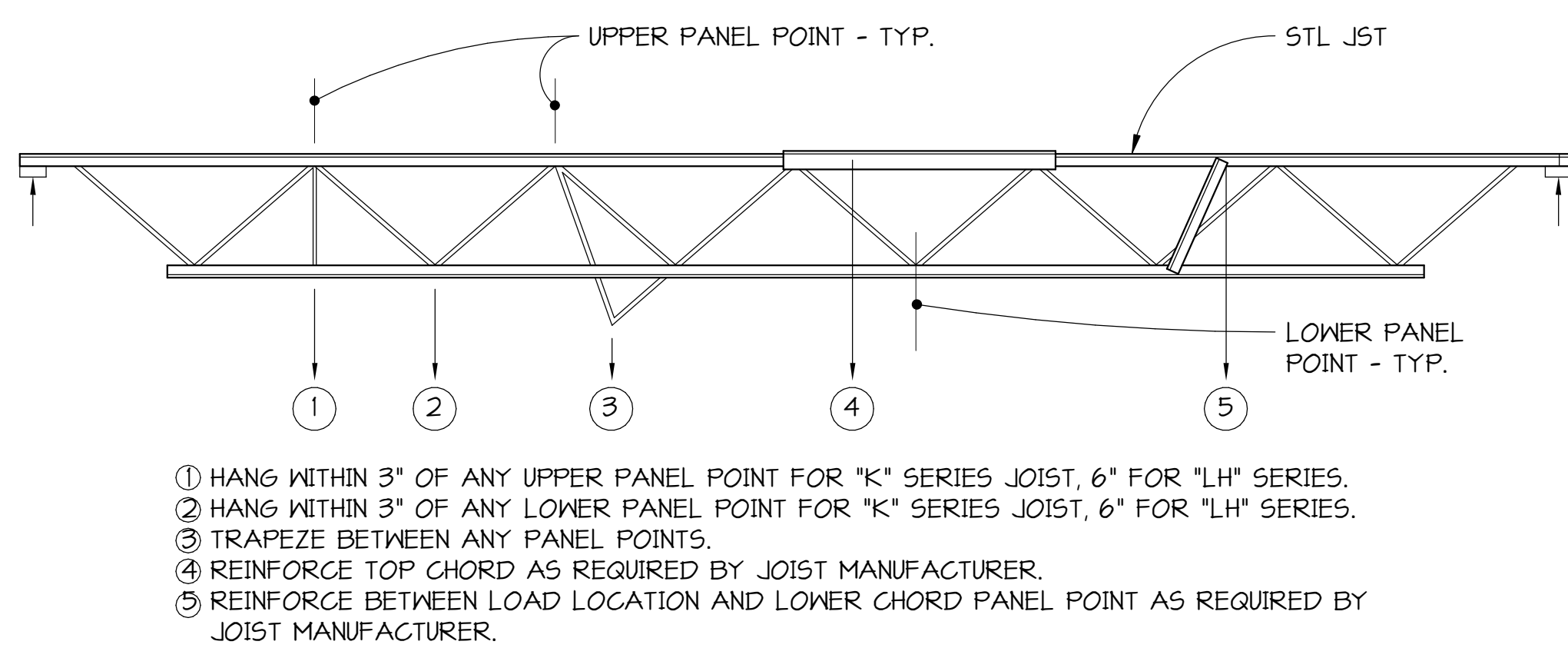
TYPICAL FRAMING AT OPENINGS IN METAL ROOF DECK (MAXIMUM LOAD = 1000 POUNDS)



TYPICAL MECHANICAL UNIT SUPPORT FRAME (MAX. WT = 6000#)



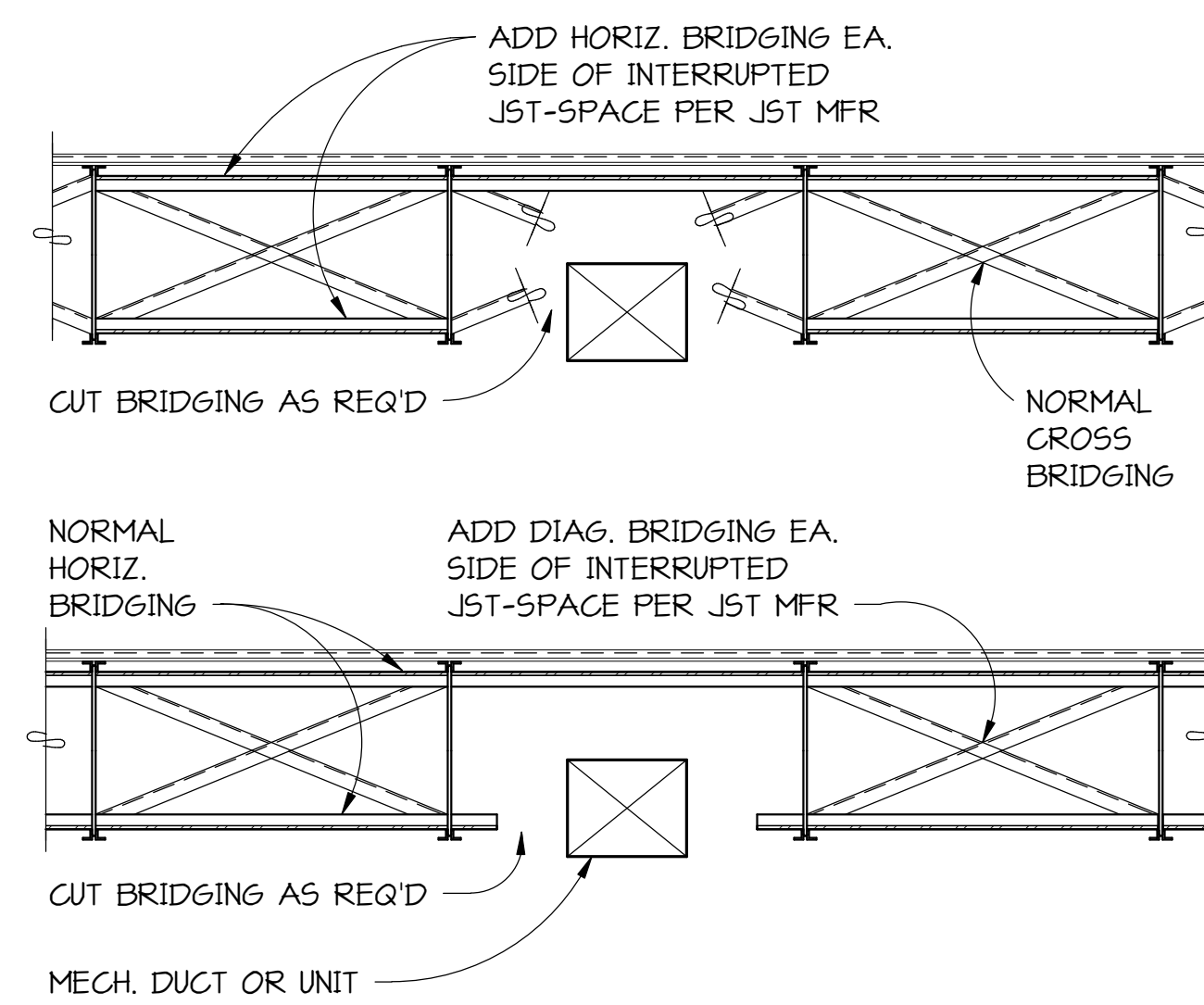
RISER SUPPORT FOR MECHANICAL UNIT FRAME



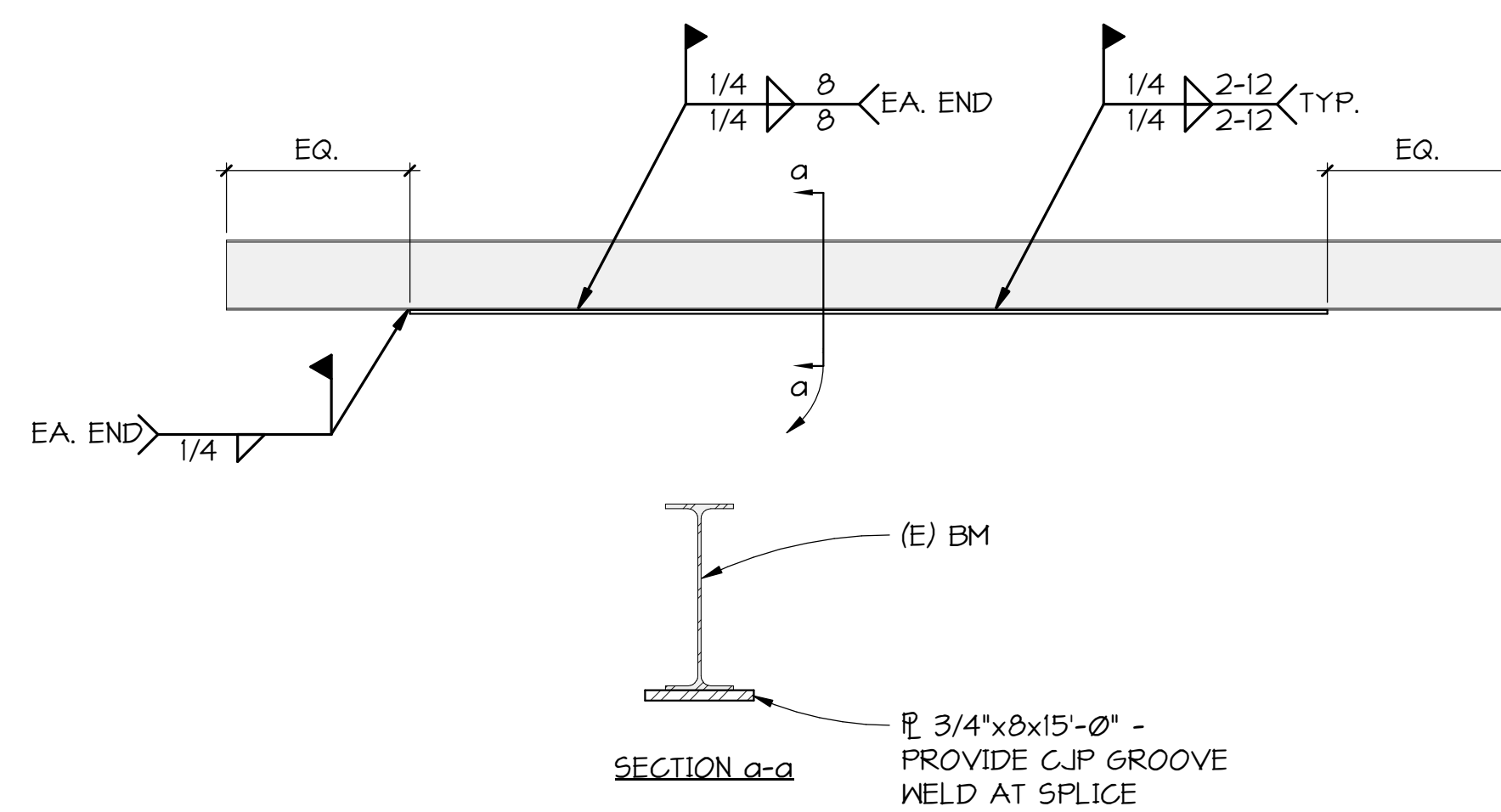
- ① HANG WITHIN 3" OF ANY UPPER PANEL POINT FOR "K" SERIES JOIST, 6" FOR "LH" SERIES.
- ② HANG WITHIN 3" OF ANY LOWER PANEL POINT FOR "K" SERIES JOIST, 6" FOR "LH" SERIES.
- ③ TRAPEZE BETWEEN ANY PANEL POINTS.
- ④ REINFORCE TOP CHORD AS REQUIRED BY JOIST MANUFACTURER.
- ⑤ REINFORCE BETWEEN LOAD LOCATION AND LOWER CHORD PANEL POINT AS REQUIRED BY JOIST MANUFACTURER.

- NOTES:
1. SINGLE LOADS LESS THAN 100# MAY BE ADDED ANYWHERE ALONG THE UPPER CHORD (NOT JUST AT PANEL POINTS) WITHOUT ADDING AN ANGLE TO STIFFEN THE JOIST.
 2. DO NOT CUT OR DRILL THROUGH ANY JOIST MEMBER.
 3. THIS DETAIL IS APPLICABLE TO HANGING MECHANICAL EQUIPMENT, SPRINKLER PIPES, ETC.

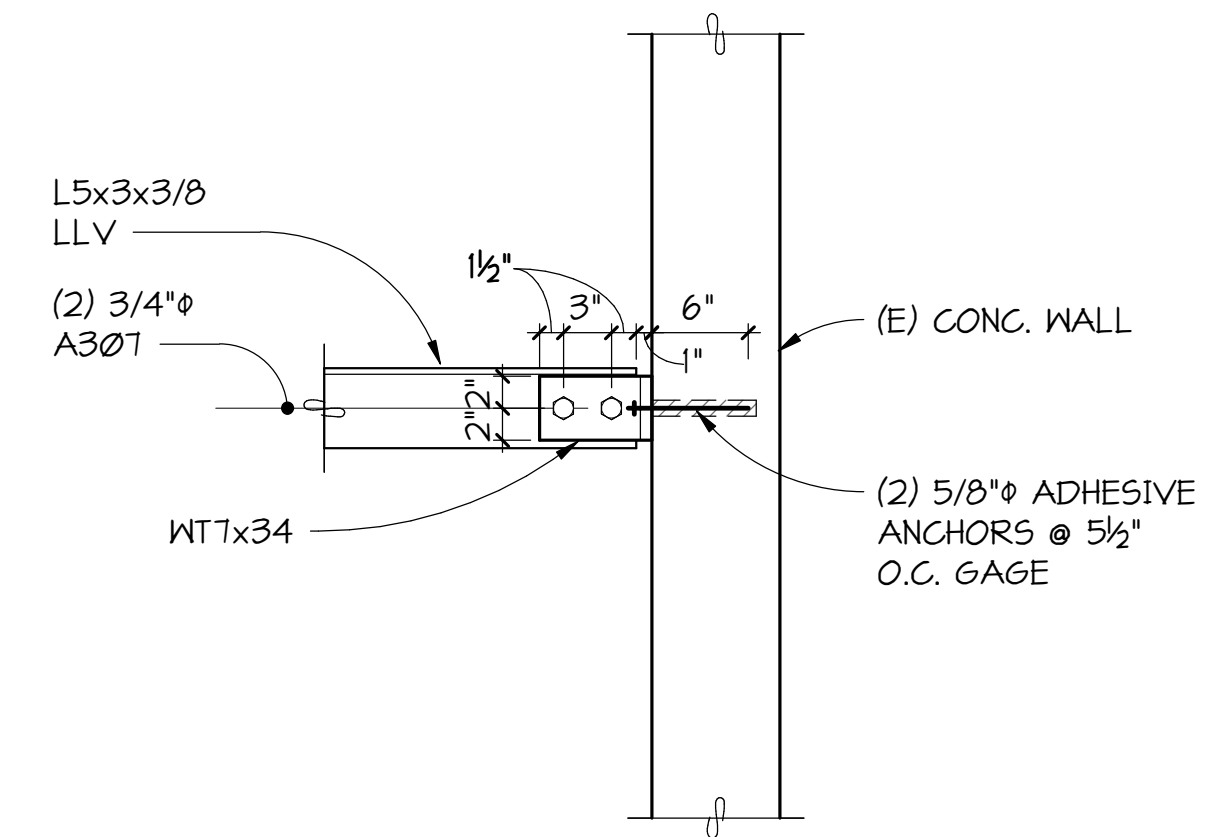
ALLOWABLE METHODS AND LOCATIONS FOR HANGING LOADS FROM STEEL JOIST



TYPICAL BRIDGING INTERRUPTED BY DUCT OR UNIT



SECTION



SECTION

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STATEMENT OF SPECIAL INSPECTIONS:

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED PER THE REQUIREMENTS OF IBC SECTION 1704 AND 1705 AND AS NOTED HEREIN.

STRUCTURAL SYSTEM	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	COMMENTS	REFERENCES
SOILS	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY		X		IBC 1705.6
	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		X		
	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS		X		
	DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X			
	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY		X		
STEEL CONSTRUCTION	INSPECTION TASKS	OBSERVE	PERFORM	COMMENTS	REFERENCES
	PRIOR TO WELDING:			SPECIAL INSPECTIONS IN THIS SECTION MAY BE WAIVED WHERE FABRICATION IS PERFORMED ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED IN ACCORDANCE WITH IBC SECTION 1704.2.5 AND WITH THE APPROVAL OF THE BUILDING OFFICIAL.	AISC 360, TABLE N5.4-1 AISC 341, TABLE J6.1
	WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	X			
	WELDING PROCEDURE SPECIFICATIONS		X		
	MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE		X		
	MATERIAL IDENTIFICATION (TYPE/GRADE)	X			
	WELDER IDENTIFICATION SYSTEM	X			
	FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)	X			
	<ul style="list-style-type: none">JOINT PREPARATIONSDIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)CLEANLINESS (CONDITION OF STEEL SURFACES)TACKING (TACK WELD QUALITY AND LOCATION)BACKING TYPE AND FIT (IF APPLICABLE)				
	FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y-, AND K--JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY)	X			
	<ul style="list-style-type: none">JOINT PREPARATIONSDIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)CLEANLINESS (CONDITION OF STEEL SURFACES)TACKING (TACK WELD QUALITY AND LOCATION)				
	CONFIGURATION AND FINISH OF ACCESS HOLES	X			
	FIT-UP OF FILLET WELDS	X			
	<ul style="list-style-type: none">DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)CLEANLINESS (CONDITION OF STEEL SURFACES)TACKING (TACK WELD QUALITY AND LOCATION)				
	DURING WELDING:				AISC 360, TABLE N5.4-2 AISC 341, TABLE J6.2
	CONTROL AND HANDLING OF WELDING CONSUMABLES	X			
	<ul style="list-style-type: none">PACKAGINGEXPOSURE CONTROL				
	NO WELDING OVER CRACKED TACK WELDS	X			
	ENVIRONMENTAL CONDITIONS	X			
	<ul style="list-style-type: none">WIND SPEED WITHIN LIMITSPRECIPITATION AND TEMPERATURE				
	WELDING PROCEDURE SPECIFICATIONS FOLLOWED	X			
	<ul style="list-style-type: none">SETTINGS ON WELDING EQUIPMENTTRAVEL SPEEDSELECTED WELDING MATERIALSSHIELDING GAS TYPE/FLOW RATEPREHEAT APPLIEDINTERPASS TEMPERATURE MAINTAINED (MIN./MAX.)PROPER POSITION (F, V, H, OH)INTERMIX OF FILLER METALS AVOIDED UNLESS APPROVED (LATERAL CONNECTIONS ONLY)				
	WELDING TECHNIQUES	X			
	<ul style="list-style-type: none">INTERPASS AND FINAL CLEANINGEACH PASS WITHIN PROFILE LIMITATIONSEACH PASS MEETS QUALITY REQUIREMENTS				
	USE OF QUALIFIED WELDERS (FOR LATERAL CONNECTIONS)	X			
	PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS		X		
	AFTER WELDING:				AISC 360, TABLE N5.4-3 AISC 341, TABLE J6.3
	WELDS CLEANED	X			
	SIZE, LENGTH, AND LOCATION OF WELDS		X		
	WELDS MEET VISUAL ACCEPTANCE CRITERIA		X		
	<ul style="list-style-type: none">CRACK PROHIBITIONWELD/BASE-METAL FUSIONCRATER CROSS SECTIONWELD PROFILESWELD SIZEUNDERCUTPOROSITY				
	ARC STRIKES		X		
	k-AREA		X		
	WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES		X		

STEEL CONSTRUCTION (CONTINUED)	INSPECTION TASKS	OBSERVE	PERFORM	COMMENTS	REFERENCES
	BACKING REMOVED AND WELD TABLES REMOVED (IF REQUIRED)		X		AISC 360, TABLE N5.6-1 AISC 641, TABLE J7.1
	REPAIR ACTIVITIES		X		
	DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER		X		
	NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER	X			
	PLACEMENT OF REINFORCING OR CONTOURING FILLET WELDS AS REQUIRED (LATERAL CONNECTIONS ONLY)		X		
	PRIOR TO BOLTING:				
	MANUFACTURER'S CERTIFICATIONS FOR FASTENER MATERIALS	X			
	PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	X			
	CONNECTING ELEMENTS INCLUDING FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	X			
	PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED FOR FASTENER ASSEMBLIES AND METHODS USED	X			
	PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	X			
	DURING BOLTING:				AISC 360, TABLE N5.6-2 AISC 341, TABLE J7.2
	FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	X			
	JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION	X			
	FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	X			
	FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	X			AISC 360, TABLE N5.6-3 AISC 341, TABLE J7.3
	AFTER BOLTING:				
	DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS		X		
	OTHER INSPECTION TASKS:				AISC 360 SECTION N5.8
	PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS		X		
	FABRICATED STEEL OR ERECTED STEEL FRAME, AS APPLICABLE, TO VERIFY COMPLIANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS		X		
	REDUCED BEAM SECTION REQUIREMENTS, IF APPLICABLE		X		AISC 341 TABLE J8.1
	<ul style="list-style-type: none">CONTOUR AND FINISHDIMENSIONAL TOLERANCE				
	PROTECTED ZONE - NO HOLES AND UNAPPROVED ATTACHMENTS MADE BY FABRICATOR OR ERECTOR, AS APPLICABLE		X		
	NONDESTRUCTIVE TESTING OF WELDED JOINTS:				AISC 360 SECTION N5
	FOR RISK CATEGORY III AND IV STRUCTURES ALL COMPLETE-JOINT-PENETRATION WELDS, T- AND CORNER JOINTS, IN MATERIAL 5/16" OR GREATER		X		
	FOR RISK CATEGORY II STRUCTURES 10% OF ALL COMPLETE-JOINT-PENETRATION WELDS, T- AND CORNER JOINTS, IN MATERIAL 5/16" OR GREATER		X		
	SPECIAL INSPECTIONS IN THIS SECTION MAY BE WAIVED WHERE FABRICATION IS PERFORMED ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED IN ACCORDANCE WITH IBC SECTION 1704.2.5 AND WITH THE APPROVAL OF THE BUILDING OFFICIAL. SEE AISC 360 SECTION N5 FOR ULTRASONIC TESTING RATE				
	COMPOSITE STRUCTURES PRIOR TO CONCRETE PLACEMENT:			AISC 341 TABLE J9.1	
	MATERIAL IDENTIFICATION OF REINFORCEMENT STEEL (TYPE/GRADE)	X			
	DETERMINATION OF CARBON EQUIVALENT FOR REINFORCING STEEL OTHER THAN ASTM A706/A706M	X			
	PROPER REINFORCING STEEL SIZE, SPACING AND ORIENTATION	X			
	REINFORCING STEEL HAS NOT BEEN REBENT IN THE FIELD	X			
	REINFORCING STEEL HAS BEEN TIED AND SUPPORTED AS REQUIRED	X			
	REQUIRED REINFORCING STEEL CLEARANCES HAVE BEEN PROVIDED	X			
	COMPOSITE MEMBER HAS REQUIRED SIZE	X			
	COMPOSITE STRUCTURES DURING CONCRETE PLACEMENT:				AISC 341 TABLE J9.2
	CONCRETE: MATERIAL IDENTIFICATION (MIX DESIGN, COMPRESSIVE STRENGTH, MAXIMUM LARGE AGGREGATE SIZE, MAXIMUM SLUMP)	X			
	LIMITS ON WATER ADDED AT THE TRUCK OR PUMP	X			
	PROPER PLACEMENT TECHNIQUES TO LIMIT SEGREGATION	X			
	COMPOSITE STRUCTURES AFTER CONCRETE PLACEMENT:				AISC 341 TABLE J9.3
	ACHIEVEMENT OF MINIMUM SPECIFIED CONCRETE COMPRESSIVE STRENGTH AT SPECIFIED AGE		X		
	H-PILES:				
	PROTECTED ZONE - NO HOLES AND UNAPPROVED ATTACHMENTS MADE BY THE RESPONSIBLE CONTRACTOR, AS APPLICABLE		X		
STRUCTURAL SYSTEM	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	COMMENTS	REFERENCES
STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL	MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK:				APPLICABLE ASTM MATERIAL STANDARDS & IBC 2210.1.1
	A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS		X		
	B. MANUFACTURER'S CERTIFIED TEST REPORTS		X		
	INSPECTION OF WELDING				
	A. COLD-FORM STEEL DECK WELDS		X		AWS D1.3 AWS D1.4 IBC 1705.2.3 SJI SPECIFICATIONS LISTED IN SECTION 2207.1
	B. OPEN WEB STEEL JOISTS & JOIST GIRDERS		X		
	1. END CONNECTIONS - WELDING OR BOLTED		X		
	2. BRIDGING - HORIZONTAL OR DIAGONAL		X		
	a. STANDARD BRIDGING		X		SJI SPECIFICATIONS LISTED IN SECTION 2207.1
	b. BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1		X		

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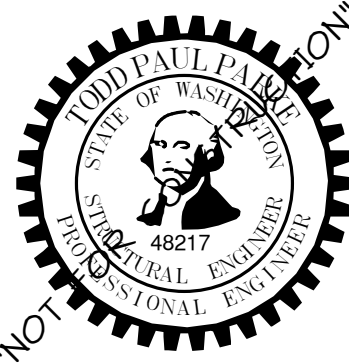
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KEY PLAN

ISSUE CHART

ISSUE DATE
Job Number 24127
TITLE

GENERAL NOTES

SHEET NUMBER

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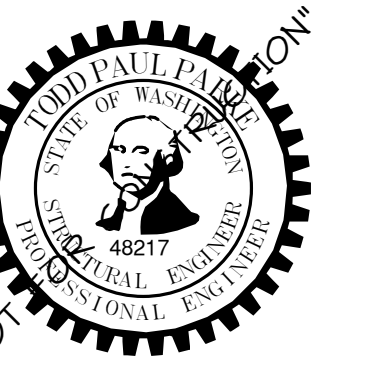
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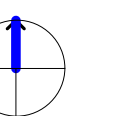
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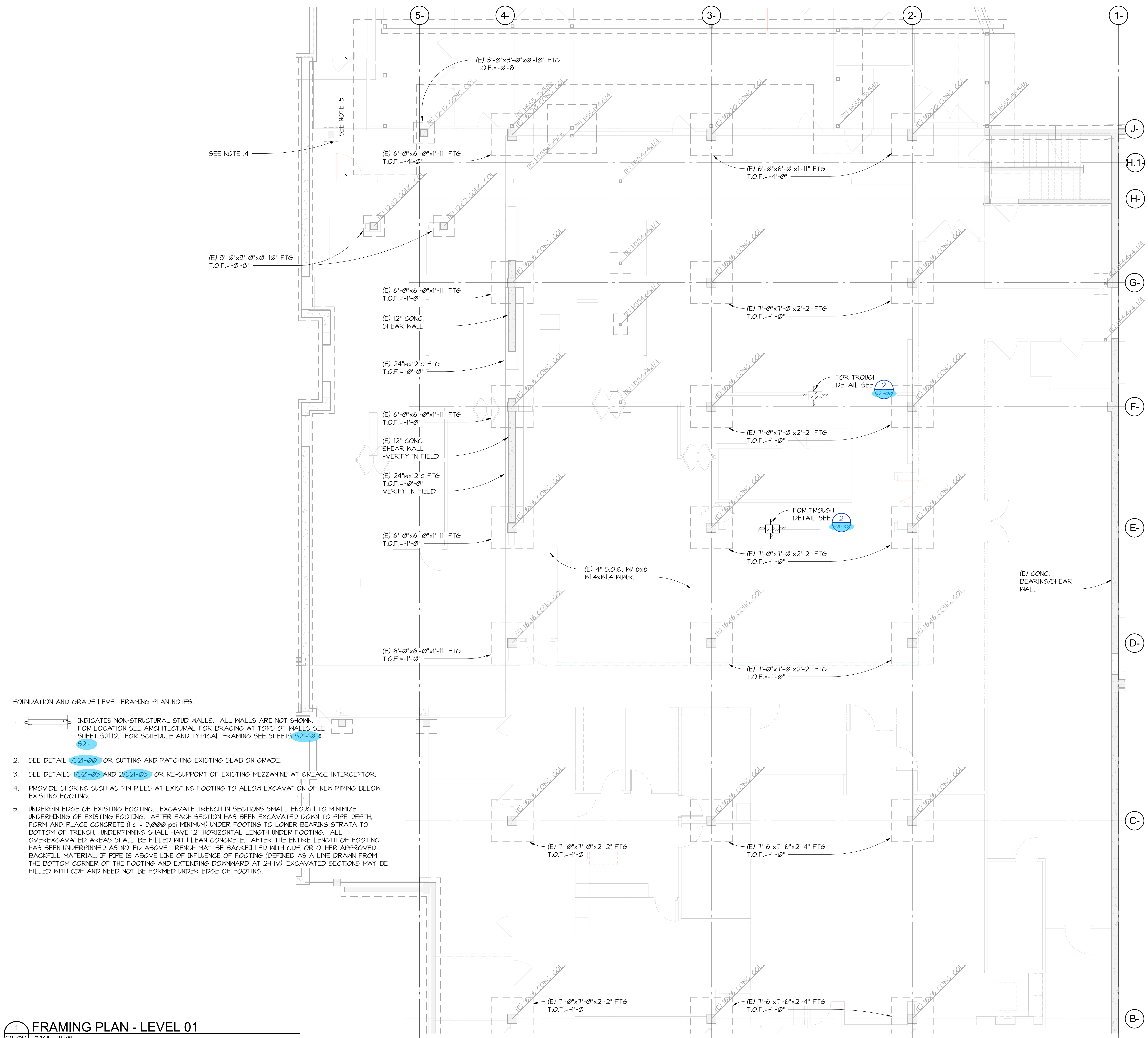
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		TITLE

FRAMING PLAN - LEVEL 01 - PHASE 1

SHEET NUMBER

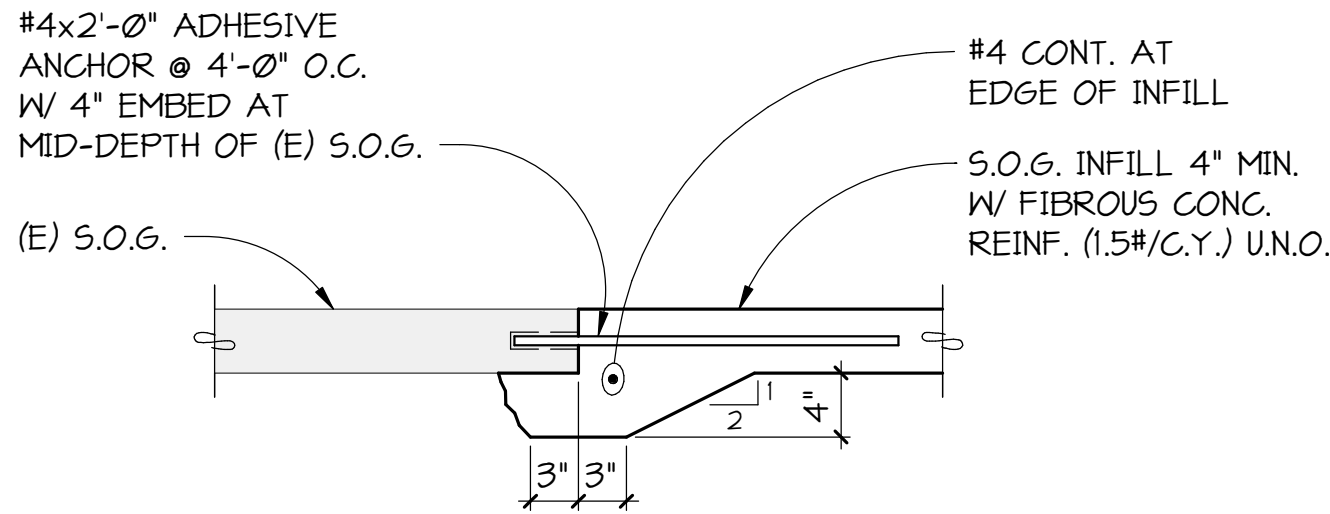
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FOUNDATION AND GRADE LEVEL FRAMING PLAN NOTES:

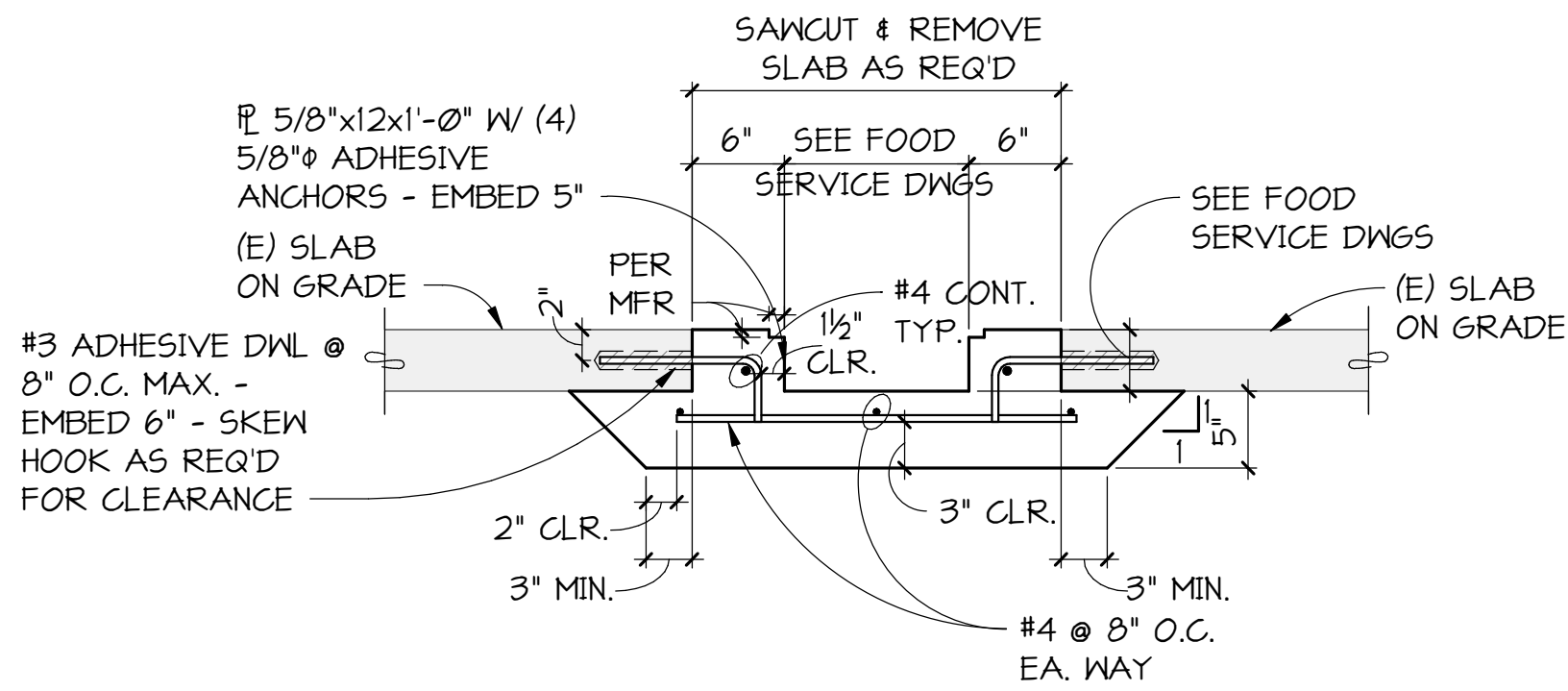
- INDICATES NON-STRUCTURAL STUD WALLS. ALL WALLS ARE NOT SHOWN.
FOR LOCATION SEE ARCHITECTURAL FOR BRACING AT TOPS OF WALLS SEE
SHEET 521.12. FOR SCHEDULE AND TYPICAL BRACING SEE SHEETS 521-01.
- SEE DETAIL 521-00 FOR CUTTING AND PATCHING EXISTING SLAB ON GRADE.
 - SEE DETAILS 521-03 AND 2521-03 FOR RE-SUPPORT OF EXISTING MEZZANINE AT GREASE INTERCEPTOR.
 - PROVIDE SHORING SUCH AS PIN PILES AT EXISTING FOOTING TO ALLOW EXCAVATION OF NEW PIPING BELOW EXISTING FOOTING.
 - UNDERPIN EDGE OF EXISTING FOOTING. EXCAVATE TRENCH IN SECTIONS SMALL ENOUGH TO MINIMIZE UNDERMINING OF EXISTING FOOTING. AFTER EACH SECTION HAS BEEN EXCAVATED DOWN TO PIPE DEPTH FORM AND PLACE CONCRETE ($f'c = 3,000$ psi MINIMUM) UNDER FOOTING TO LOWER BEARING STRATA TO BOTTOM OF TRENCH. UNDERPINNING SHALL HAVE 12" HORIZONTAL LENGTH UNDER FOOTING. ALL OVEREXCAVATED AREAS SHALL BE FILLED WITH LEAN CONCRETE. AFTER THE ENTIRE LENGTH OF FOOTING HAS BEEN UNDERPINNED AS NOTED ABOVE, TRENCH MAY BE BACKFILLED WITH CDF, OR OTHER APPROVED BACKFILL MATERIAL. IF PIPE IS ABOVE LINE OF INFLUENCE OF FOOTING (DEFINED AS A LINE DRAWN FROM THE BOTTOM CORNER OF THE FOOTING AND EXTENDING DOWNWARD AT 2H:1V), EXCAVATED SECTIONS MAY BE FILLED WITH CDF AND NEED NOT BE FORMED UNDER EDGE OF FOOTING.

1 FRAMING PLAN - LEVEL 01
3/16" = 1'-0"

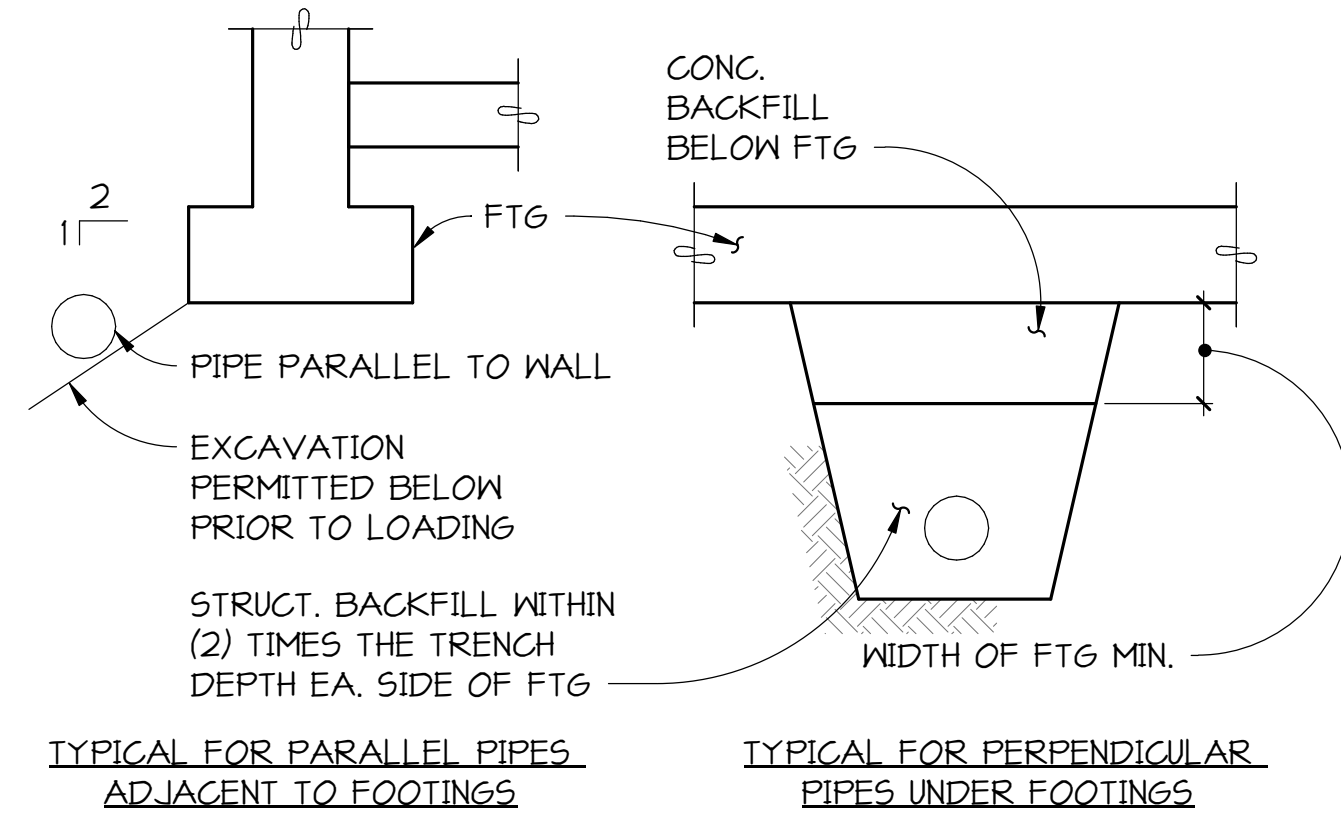


TYPICAL SLAB ON GRADE CONNECTION
TO EXISTING SLAB ON GRADE

1 SECTION
S21-00 1" = 1'-0"



2 SECTION
S21-00 1" = 1'-0"



- NOTES:
- FOUNDATIONS SHALL NOT BE LOADED PRIOR TO COMPLETING STRUCTURAL BACKFILL UNDER AND NEAR FOOTINGS.
 - CONCRETE BACKFILL SHALL BE USED UNDER FOOTINGS WHERE 95% COMPACTION CANNOT BE ACCOMPLISHED.
 - ALL STRUCTURAL BACKFILL NOTED SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY PER ASTM.
 - A PIPE SLEEVE SHALL BE PROVIDED FOR SHALLOW PIPES CAST IN CONCRETE.
 - PIPES SHALL NOT BE PLACED IN THE FOOTING WITHOUT SPECIFIC APPROVAL FROM THE ENGINEER.
 - FOR VARIATIONS CONTACT ENGINEER.

3 SECTION
S21-00 NO SCALE



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CONCRETE DETAILS

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S21-00

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1
S11-02 3/16" = 1'-0"

FRAMING PLAN - LEVEL 02



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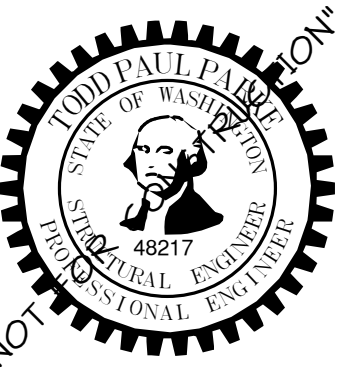
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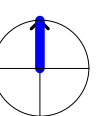
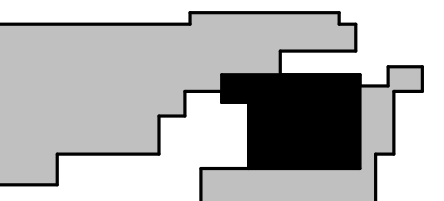
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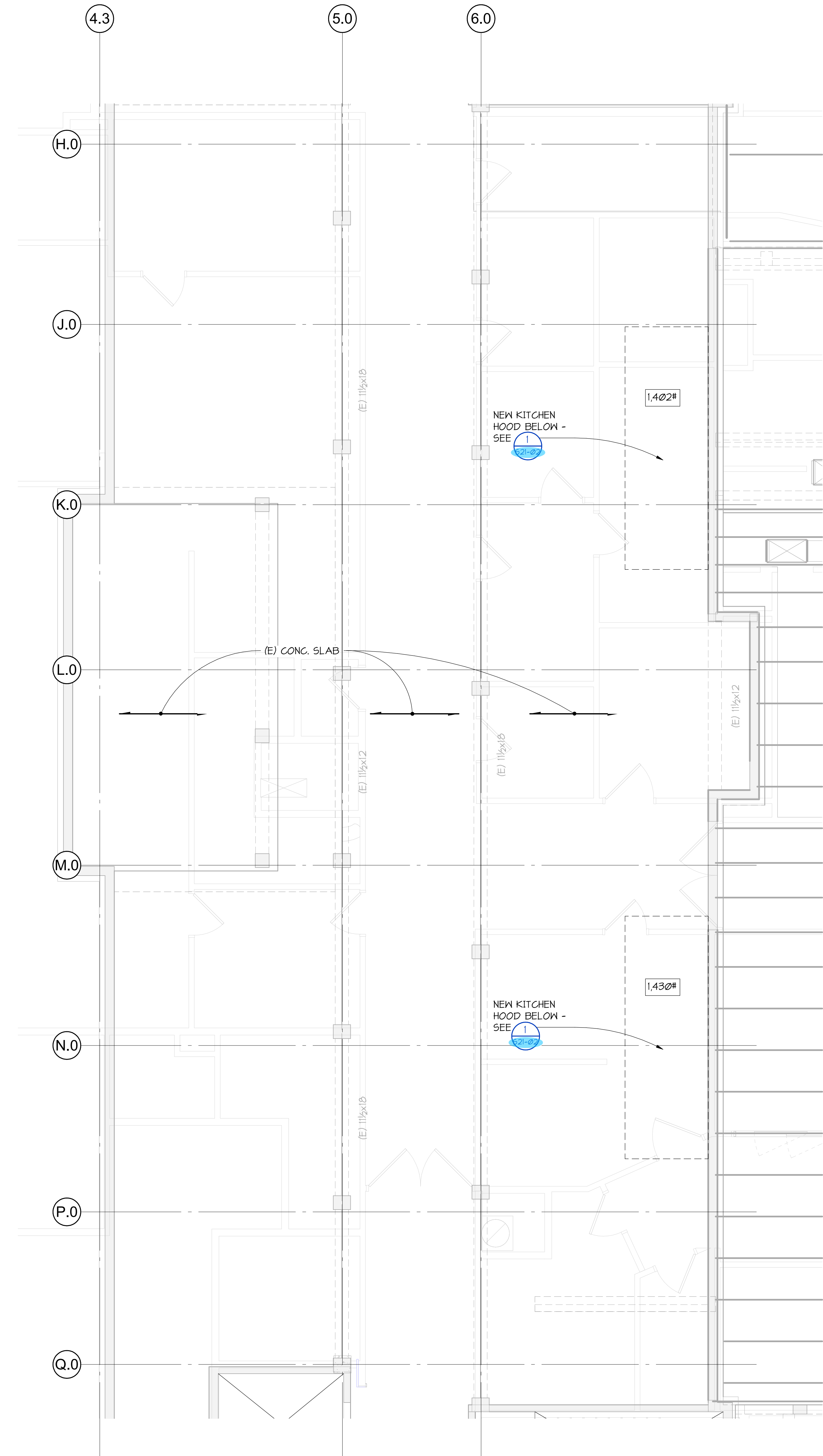
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TITLE		

FRAMING PLAN - LEVEL
02 - PHASE 1

SHEET NUMBER

S11-02.1

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1
S11-02.2 1/4" = 1'-0"

FRAMING PLAN - LEVEL 02 - PHASE 2

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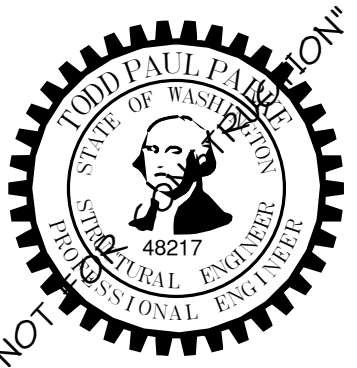
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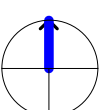
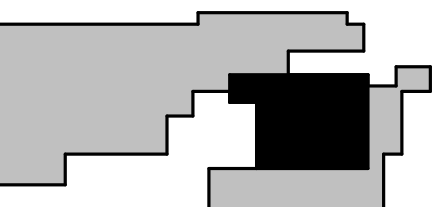
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100% CD SET 06/30/2025

KEY PLAN



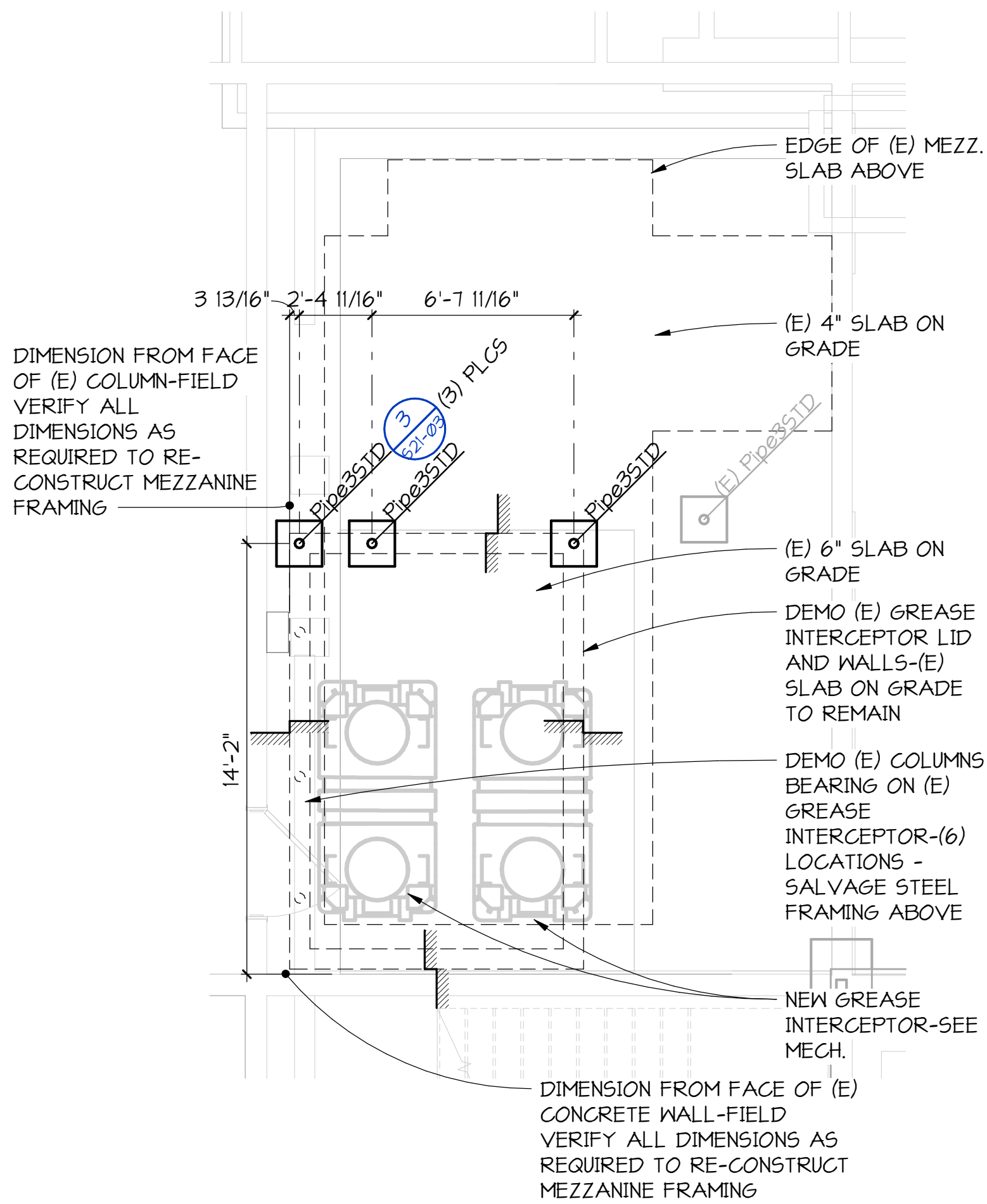
ISSUE CHART

NO.	ISSUE	DATE
1	Job Number	24127
	TITLE	

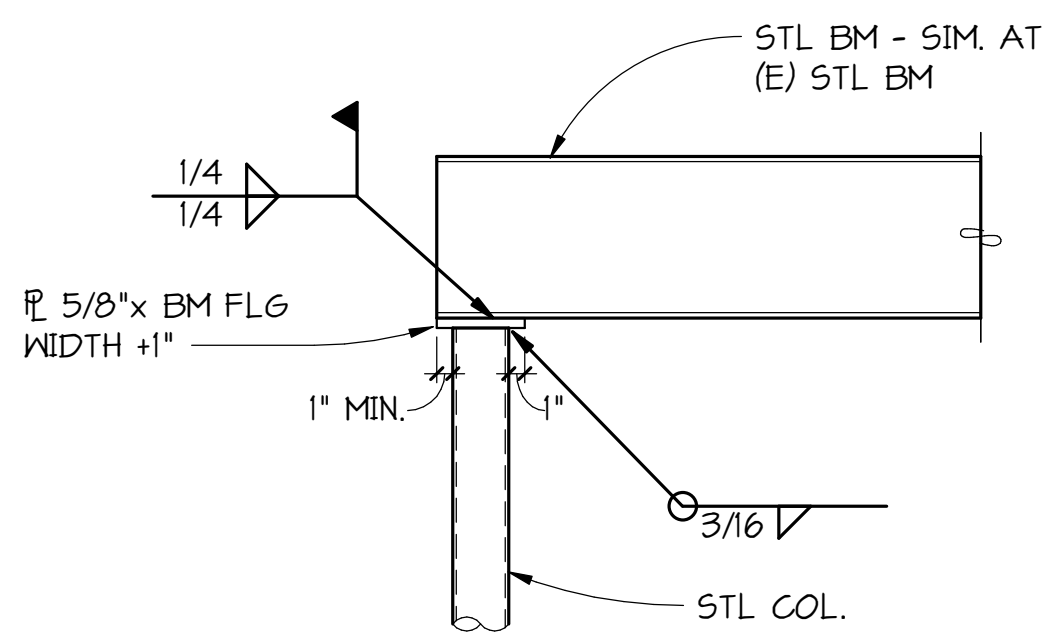
FRAMING PLAN - LEVEL
02 - PHASE 2

SHEET NUMBER

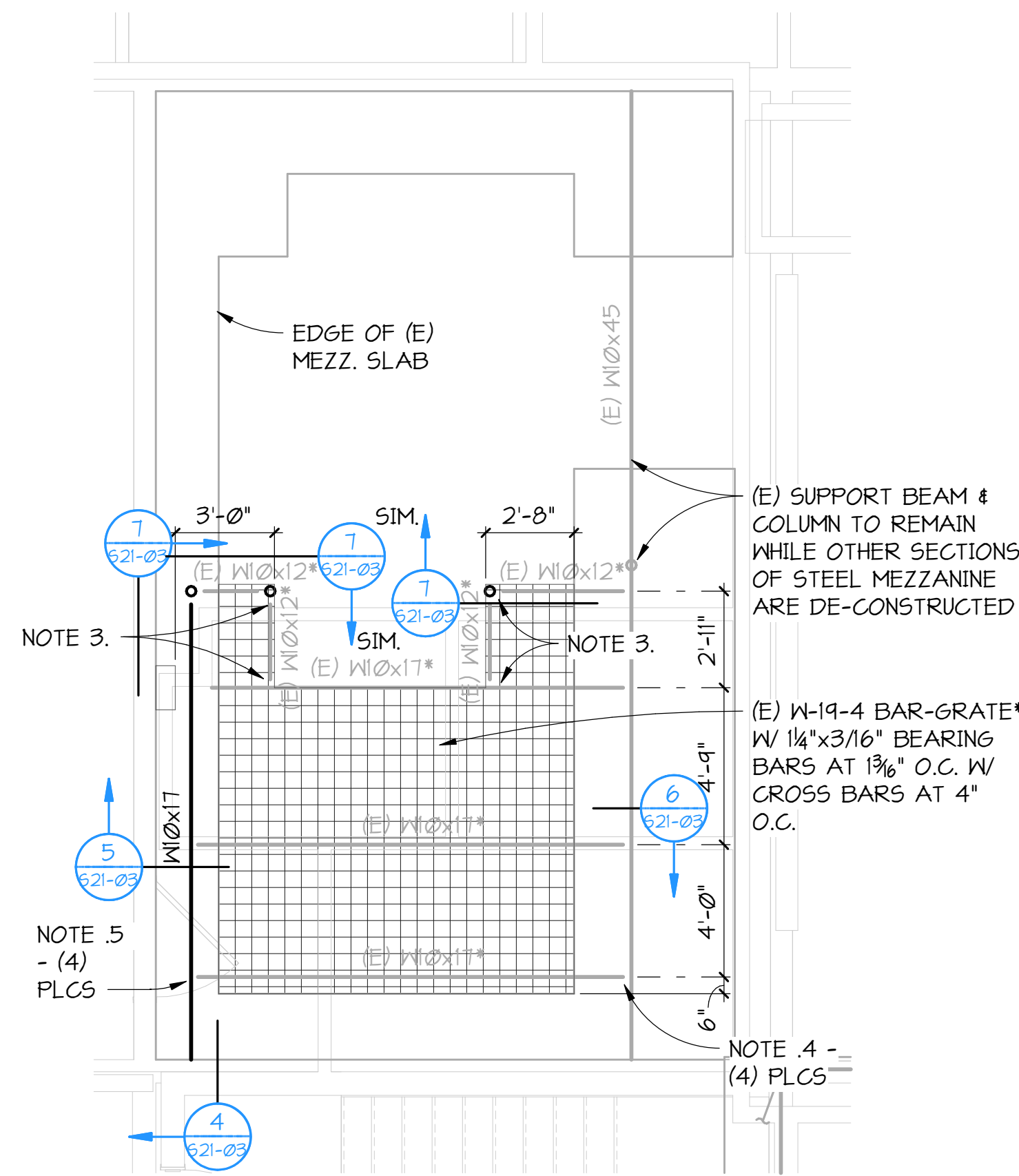
S11-02.2



1 PARTIAL FOUNDATION PLAN
1/4" = 1'-0"

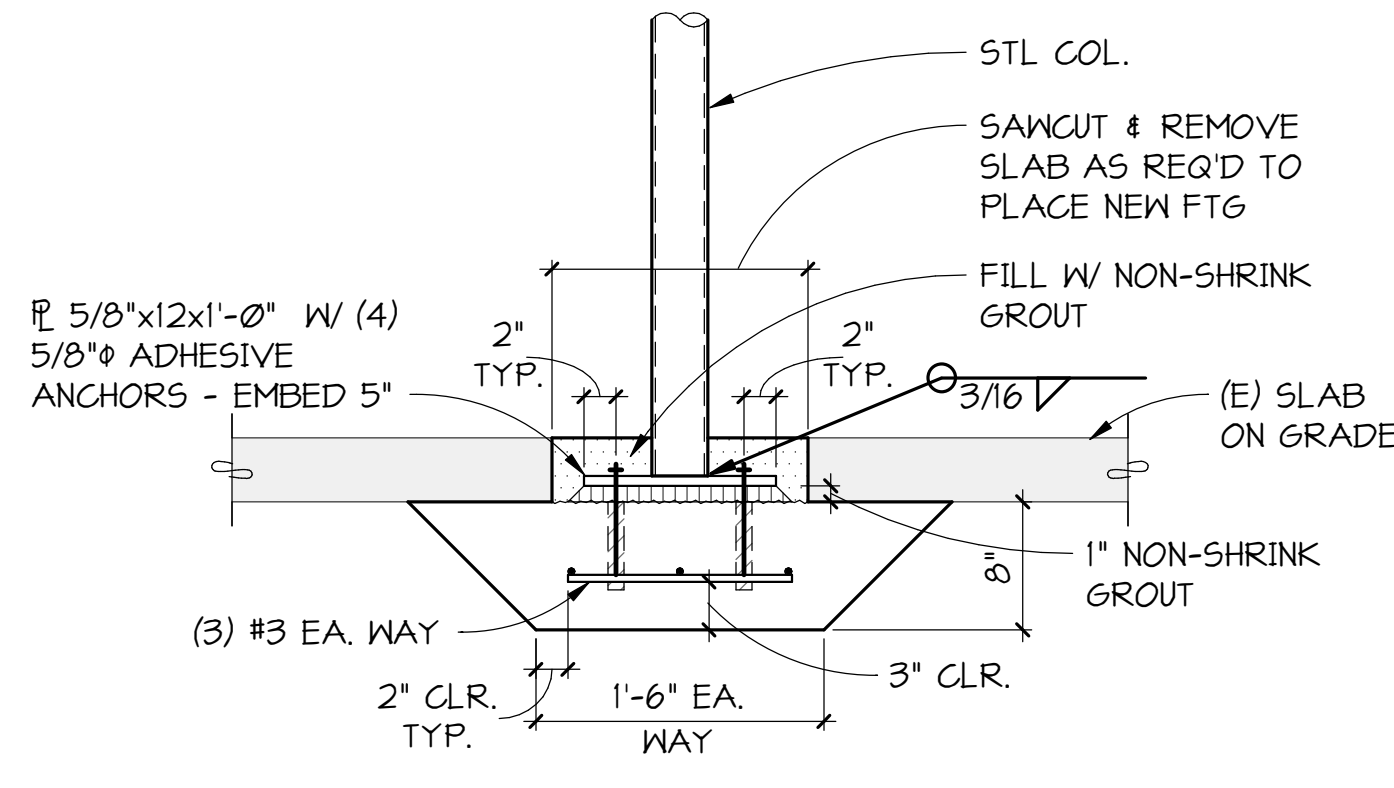


7 SECTION
1" = 1'-0"

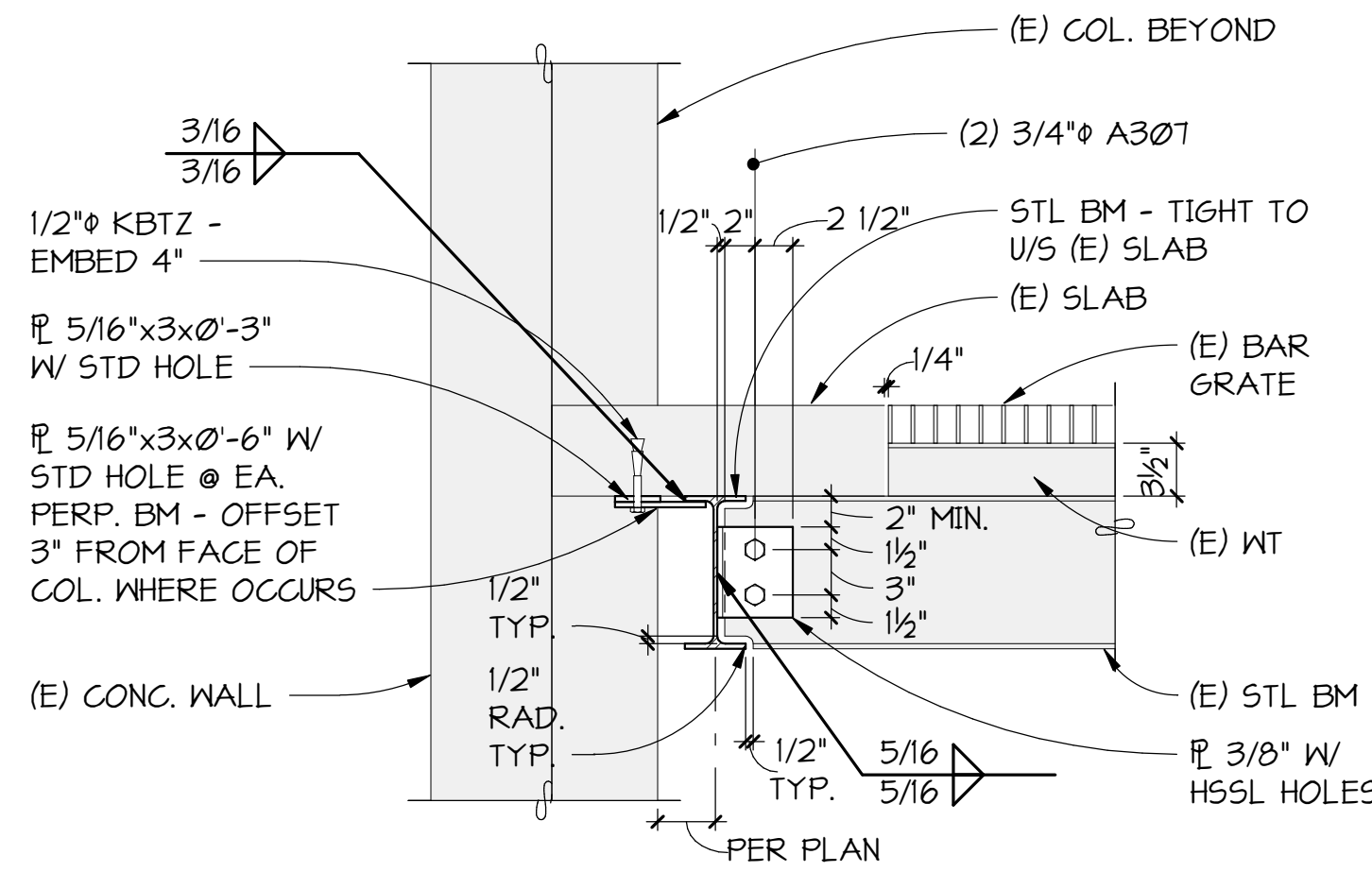


- NOTES:
- INDICATES EXISTING FRAMING TO BE TEMPORARILY DE-CONSTRUCTED TO ALLOW REMOVAL AND REPLACEMENT OF GREASE INTERCEPTOR. ONCE NEW GREASE INTERCEPTOR HAS BEEN INSTALLED, FRAMING TO BE REINSTALLED AT THE SAME LOCATION.
 - VERIFY ALL DIMENSIONS PRIOR TO DE-CONSTRUCTING MEZZANINE. INTENT IS TO REINSTALL ALL MEMBERS IN ORIGINAL LOCATION AFTER REMOVAL AND REPLACEMENT OF GREASE INTERCEPTOR BELOW.
 - RE-INSTALL ALL CONNECTIONS LIKE FOR LIKE UNLESS NOTED OTHERWISE.
 - PROVIDE NEW CONNECTIONS BASED ON EXISTING CONNECTION TYPE WHERE NOTED.
 - FIELD MODIFY BEAM END AS REQUIRED TO INSTALL NEW CONNECTION WHERE NOTED.

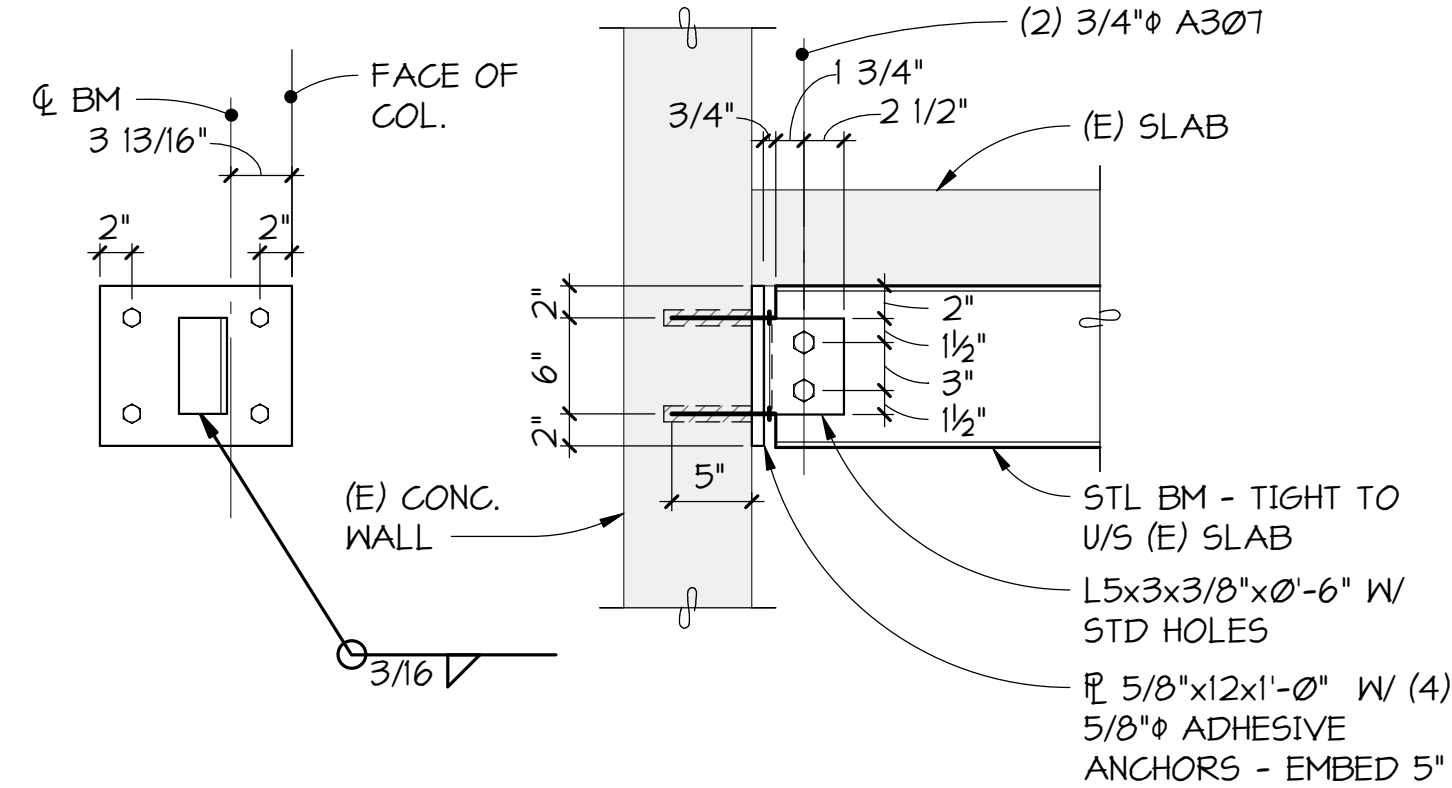
2 PARTIAL MEZZANINE FRAMING PLAN
1/4" = 1'-0"



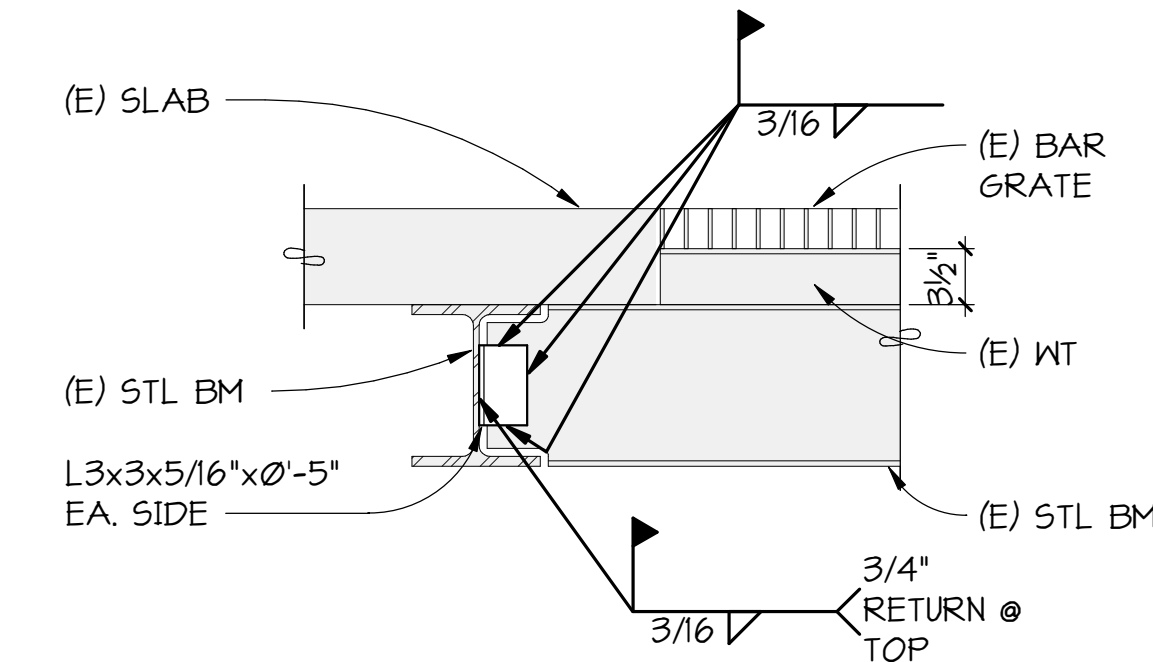
3 SECTION
1" = 1'-0"



5 SECTION
1" = 1'-0"



4 SECTION
1" = 1'-0"



6 SECTION
1" = 1'-0"

Perkins&Will

1301 5th Ave
#2300, Seattle,
WA 98101
1-12063816000
www.perkinswill.com

INMAN FOOD SERVICES
3807 Charlotte Avenue,
Nashville, Tennessee 37209

AHBL
1200 6th Ave #1620,
Seattle, WA 98101

PCS
1011 Western Avenue, Suite 810
Seattle, WA 98104

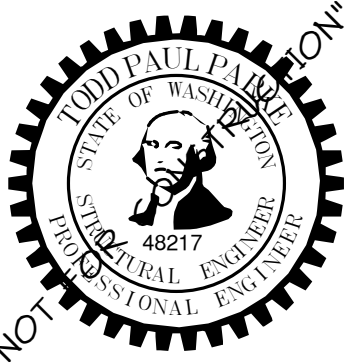
ABBOTT CONSTRUCTION
3408 1st Ave S,
Seattle, WA 98134

MACDONALD MILLER
1004 Madison St,
Seattle, WA 98104

MACDONALD MILLER
1004 Madison St,
Seattle, WA 98104

EBD SERVICES
14900 Interurban Ave S #1413
Seattle, WA 98168

TURNER & TOWNSEND
920 Fifth Avenue,
Seattle, WA 98104



MultiCare
Good Samaritan
Hospital Kitchen

401 15th Ave SE,
Puyallup,
WA 98372

MultiCare
Good Samaritan Hospital

MULTICARE

KEY PLAN

ISSUE CHART

WWSU ISSUE DATE
Job Number 24127
TITLE

STEEL DETAILS

SHEET NUMBER

S21-03

AHBL
200 6th Ave #1620,
Seattle, WA 98101

INSTRUCTION
3408 1st Ave S,
Seattle, WA 98134

NALD MILLER
1004 Madison St.
Seattle, WA 98104

& TOWNSEND
920 Fifth Avenue,
Seattle, WA, 98104



MULTICARE

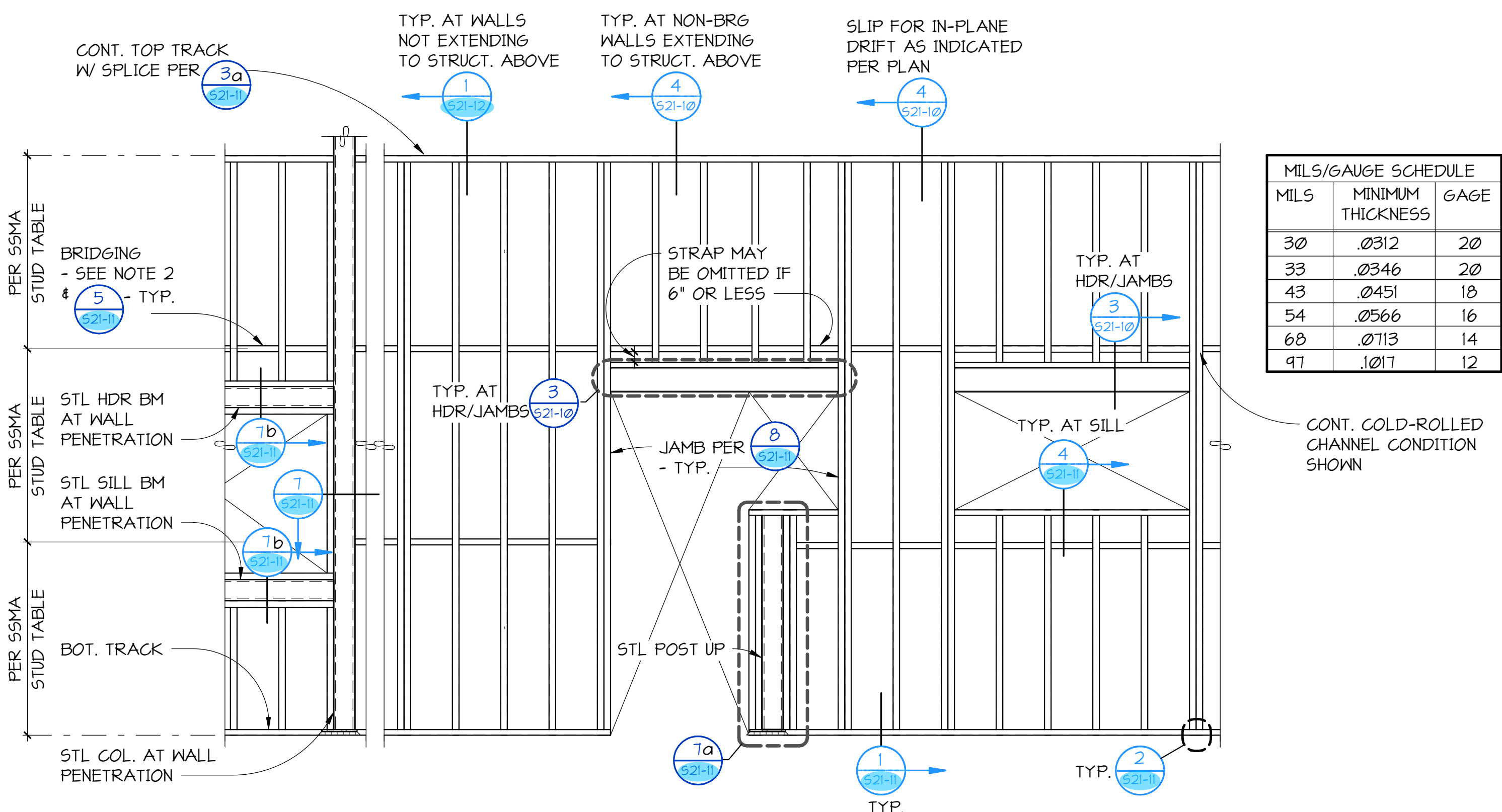
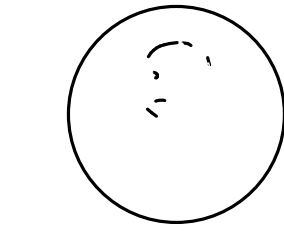


FRAMING PLAN - LEVEL
04

SHEET NUMBER

S11-04

1 FRAMING PLAN - LEVEL 04
511-04 3/16" = 1'-0"



- COLD FORMED STEEL STUD WALL FRAMING NOTES:**
- ALL NON-BEARING WALL STUDS SHALL BE PER 2/521-10 UNLESS NOTED OTHERWISE. FOR WALL TYPE AND PROPER LOCATION SEE ARCHITECTURAL DRAWINGS.
 - PROVIDE BRIDGING AT ALL NON-BEARING WALLS WITHOUT FULL HEIGHT QUALIFIED SHEATHING EITHER SIDE OF STUD PER 5/SL6M3 NOTE #1.
 - FOR TYPICAL COLD-FORMED STEEL JOIST CEILING FRAMING SCHEDULE AND DETAIL - SEE 4/521-12.
 - ALL WELDS SHALL BE 1/8" FILLET MAXIMUM FOR MATERIALS THINNER THAN 0.15". EFFECTIVE THROAT SHALL NOT BE LESS THAN THINNEST MATERIAL. WELD IN ACCORDANCE WITH "STRUCTURAL WELDING CODE -- SHEET METAL" AWS D1.3.
 - STUD PUNCHOUTS SHALL NOT BE SPACED LESS THAN 24" ON CENTER. NOR WITHIN 10" CLEAR OF MEMBER END AT STUDS, HEADERS, BEAMS, JOISTS, ETC. FOR TYPICAL ALLOWABLE PUNCHOUT DETAIL - SEE 6/521-11.
 - SCREWS SHALL BE THREAD-FORMING OR THREAD-CUTTING, WITH OR WITHOUT A SELF DRILLING POINT. SCREWS SHALL BE INSTALLED AND TIGHTENED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION. MINIMUM SPACING IS THREE SCREW DIAMETERS. A MINIMUM OF (3) THREADS SHALL BE ENGAGED.
 - FOR TYPICAL COLD-FORMED STEEL WALL CORNER REQUIREMENTS - SEE 3b/521-11.
 - FOR POWER ACTUATED FASTENER REQUIREMENTS - SEE GENERAL NOTES.

TYPICAL NON-BEARING COLD-FORMED STEEL STUD WALL FRAMING

1 ELEVATION
521-10 NO SCALE

2 SCHEDULE
521-10 NO SCALE

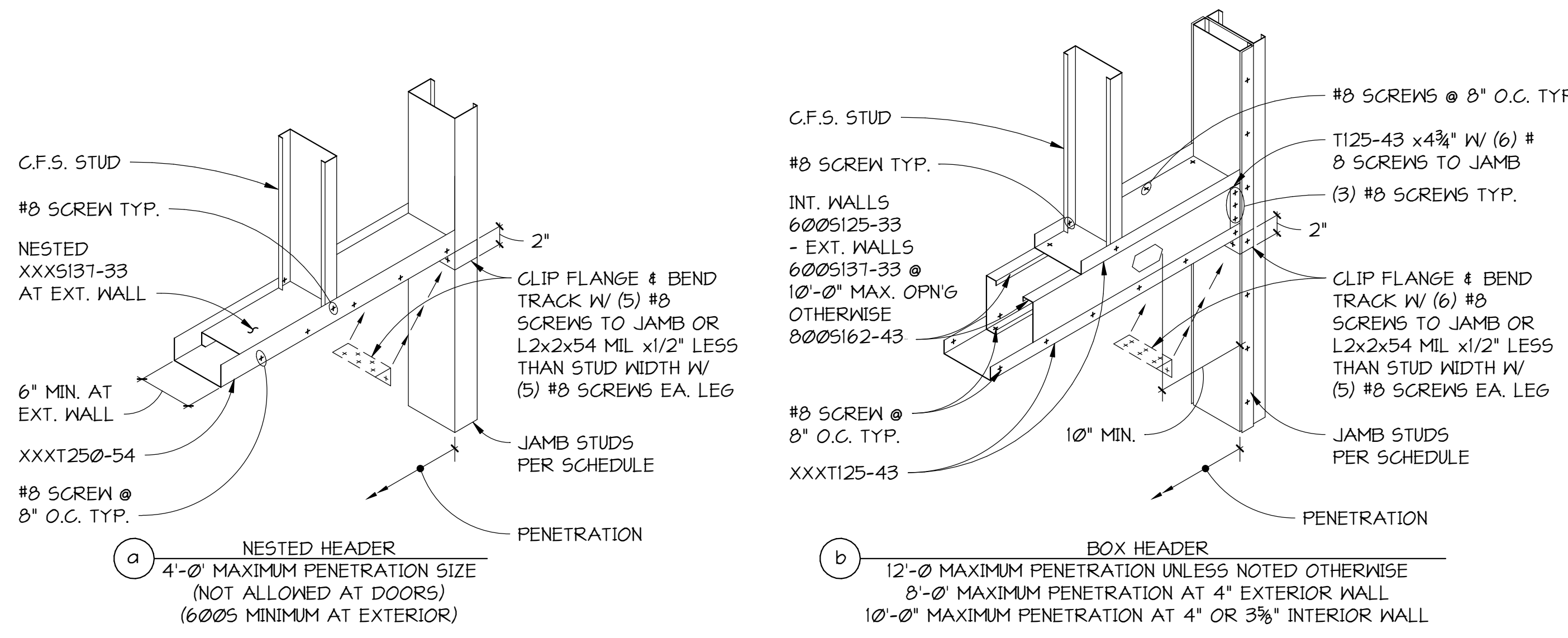
EXTERIOR NON-BEARING COLD FORMED STEEL STUD WALL PENETRATION JAMB SCHEDULE 15 PSF (ASD) WIND LOAD									
STUD SIZE AND MIL MAXIMUM PENETRATION (FEET)	MINIMUM NUMBER STUD(S) AT JAMB								MAXIMUM JAMB HEIGHT (FEET)
	(1)		(2)		(3)		(4)		
	HORIZONTAL DEFLECTION LIMIT OF WALL HEIGHT								
	1 / 360	1 / 600	1 / 360	1 / 600	1 / 360	1 / 600	1 / 360	1 / 600	
4005131-33	4	10	9	13	11	15	13	16	-
	8	-	-	10	9	12	10	13	11
6005131-33	4	13	12	16	15	16	16	16	16
	8	-	-	10	10	15	14	16	15
	12	-	-	-	-	10	10	13	13
8005162-43	4	16	16	16	16	16	16	16	16
	8	14	14	16	16	16	16	16	16
	12	11	11	13	13	16	16	16	16

EXTERIOR NON-BEARING COLD FORMED STEEL STUD WALL PENETRATION JAMB SCHEDULE 20 PSF (ASD) WIND LOAD									
STUD SIZE AND MIL MAXIMUM PENETRATION (FEET)	MINIMUM NUMBER STUD(S) AT JAMB								MAXIMUM JAMB HEIGHT (FEET)
	(1)		(2)		(3)		(4)		
	HORIZONTAL DEFLECTION LIMIT OF WALL HEIGHT								
	1 / 360	1 / 600	1 / 360	1 / 600	1 / 360	1 / 600	1 / 360	1 / 600	
4005131-33	4	9	-	12	10	14	11	15	13
	8	-	-	-	-	11	9	12	10
6005131-33	4	11	11	15	14	16	16	16	16
	8	-	-	-	-	11	11	15	14
	12	-	-	-	-	-	-	10	10
8005162-43	4	16	16	16	16	16	16	16	16
	8	12	12	16	16	16	16	16	16
	12	9	9	11	11	12	12	16	16

INTERIOR NON-BEARING COLD FORMED STEEL STUD WALL PENETRATION JAMB SCHEDULE 5 POUNDS PER SQUARE FOOT (ASD) LIVE LOAD - L/360												
STUD SIZE AND MIL MAXIMUM PENETRATION (FEET)	MINIMUM NUMBER OF BUILT-UP STUDS AT JAMB			STUD DEPTH	STUD WIDTH AND MIL	MAXIMUM PENETRATION WIDTH (FEET) WITH SINGLE JAMB STUD			MAXIMUM JAMB HEIGHT (FEET)			
	(2)		(3)			(4)	(4)	(8)		(12)		
	MAXIMUM JAMB HEIGHT (FEET)					MAXIMUM JAMB HEIGHT (FEET)						
	(2)	(3)	(4)			(4)	(8)	(12)				
3625125-33 OR 4005125-33	4	12	15	-	3625 OR 4005	125-33	10	-	-			
	8	10	12	14		137-43	12	-	-			
	6005125-33	4	16	-	-	6005	162-54	13	11	-		
		8	13	16	-		200-54	14	12	10		
12		9	14	16	125-33		11	-	-			
							137-43	14	-	-		
					162-54	-	15	-				
						200-54	-	-	15			

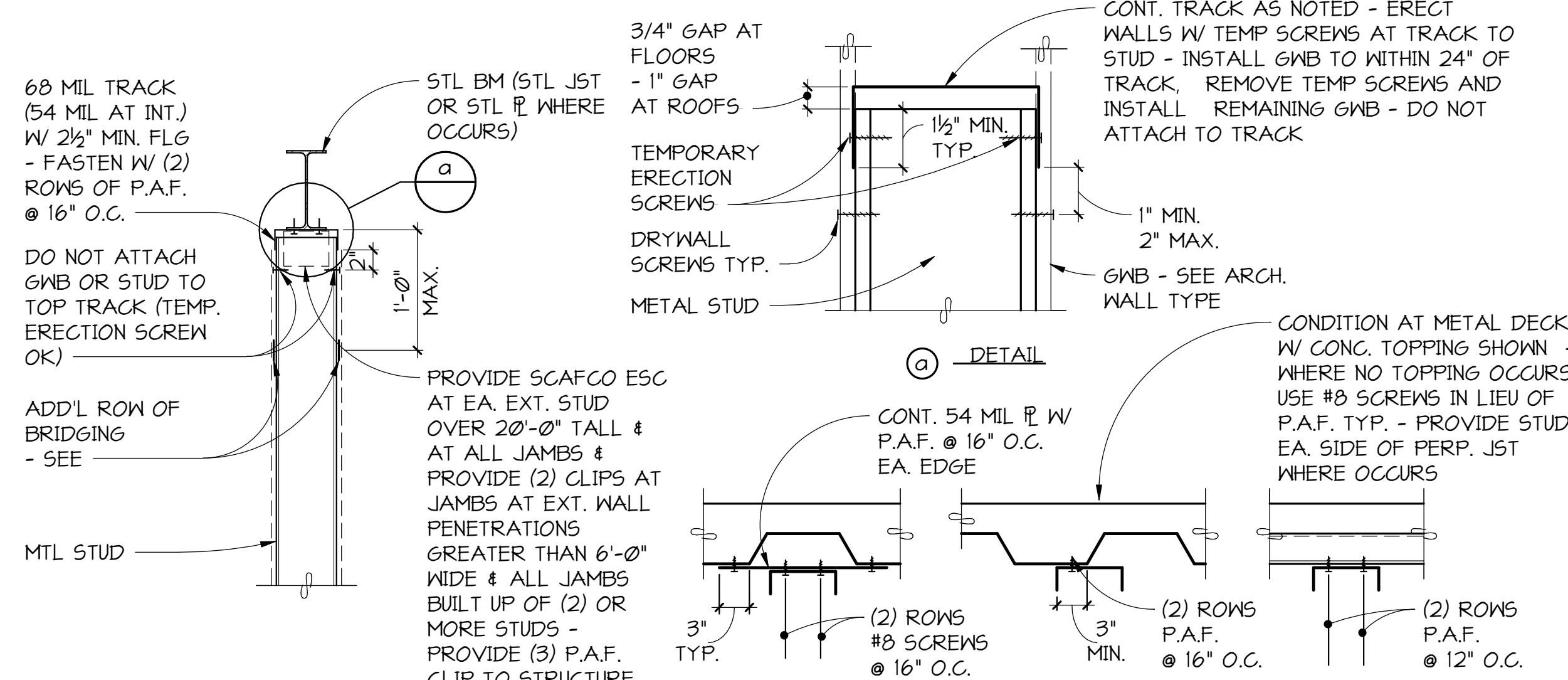
NOTES:
1. BOXED JAMB STUDS SHOWN. BACK-TO-BACK JAMB STUDS PERMITTED AT CONTRACTOR'S OPTION. FOR DETAIL SEE 8/SL6M3.
2. FOR CONNECTION TO STRUCTURE ABOVE - SEE 4/SL6M2 & 1/SL6M4.
3. FOR CONNECTION TO STRUCTURE BELOW - SEE 1/SL6M3.
4. HEADER AND STUDS SHALL BE CONTINUOUS - NO SPLICES ALLOWED.
5. 1/600 APPLIES TO WALLS WITH MASONRY VENEER - COORDINATE

- NOTES:**
- BOXED JAMB STUDS SHOWN. BACK-TO-BACK JAMB STUDS PERMITTED AT CONTRACTOR'S OPTION. FOR DETAIL SEE 8/SL6M3.
 - FOR CONNECTION TO STRUCTURE ABOVE - SEE 4/SL6M2 & 1/SL6M4.
 - FOR CONNECTION TO STRUCTURE BELOW - SEE 1/SL6M3.
 - HEADER AND STUDS SHALL BE CONTINUOUS - NO SPLICES ALLOWED.
 - 1/600 APPLIES TO WALLS WITH MASONRY VENEER - COORDINATE WITH ARCH WALL TYPES.



TYPICAL NON-BEARING COLD-FORMED STEEL WALL PENETRATION AT 16'-0" MAXIMUM STUD HEIGHT - JAMB STUD SCHEDULE

3 DETAIL
521-10 NO SCALE



TYPICAL NON-BEARING CFS WALL EXTENDING TO STRUCTURE ABOVE

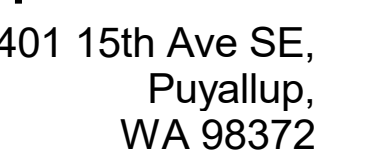
4 SECTION
521-10 NO SCALE

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TURNER & TOWNSEND
920 Fifth Avenue,
Seattle, WA, 98104



MULTICARE

ISSUE CHART

FRAMING PLAN - LEVEL
03

SHEET NUMBER

S11-03

