

SUPPORT PLATFORM

PROJECT ADDRESS

DEL MONTE
4000 YOSEMITE BLVD.
MODESTO, CA 95357

CODE COMPLIANCE

- THIS PROJECT SHALL COMPLY WITH CALIFORNIA BUILDING CODE 2013.
- BASED ON SBMF (SPECIAL BOLTED MOMENT FRAME - AISI) IN BOTH DIRECTIONS, PINNED BASE, UNLESS OTHERWISE CALLED OUT.
- STAIRS COMPLY WITH ADA, AMERICANS WITH DISABILITIES ACT(CALIFORNIA 2013 EDITION.

GENERAL NOTES

- SPECIAL INSPECTION REQUIRED FOR ANCHOR BOLTS.
- NO FIELD WELDING REQUIRED.
- SPRINKLER & ELECTRICAL PERMITS BY OTHERS.
- SITE PLAN PROVIDED BY OTHERS.

SPECIFIC USE DATA

OCCUPANCY LOAD: 1-2 PEOPLE
OCCUPANCY CLASS: GROUP S-2
SPECIFIC USE: LIGHT STORAGE

SEISMIC DATA

DESIGN DATA

SS	0.83	3/4" COMP-DECK	4.8 PSF
S1	0.32	STEEL DECK	2.3 PSF
SITE CLASS	D	STEEL JOISTS	3.7 PSF
IMPORTANCE FACTOR	1.0	STEEL BEAMS/COLS	3.5 PSF
Fa	1.17	MISCELLANEOUS	1.8 PSF
Fv	1.75	DEAD LOAD	16.1 PSF
LATITUDE 37.64	LONGITUDE -120.92	LIVE LOAD	125.0 PSF
		TOTAL LOAD	141.1 PSF

EXISTING BUILDING DATA

- DESIGN PRESSURE IS 1500 PSF SOIL
- 6" SLAB
- 2500 PSI CONCRETE
- BUILDING TYPE:
- PROJECT SQUARE FOOTAGE 11,305 SQ. FT.
- FULLY SPRINKLED: YES/NO

STEEL NOTES

- GRADE AND FABRICATION:
ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBERS SHALL CONFORM TO ASTM A36 UNLESS NOTED AS GR.50 ON THE PLANS. IN WHICH CASE THEY SHALL CONFORM TO ASTM A572. STRUCTURAL STEEL TUBING SHALL CONFORM TO ASTM A-500 GRADE "B". STEEL PIPE COLUMNS SHALL BE GRADE "B" CONFORMING TO ASTM A53. ALL PRIMARY AND SECONDARY FRAMING MEMBERS ARE FABRICATED FROM ASTM A653 GRADE 50 (Fy=55 KSI, MIN.) AND ARE 600 GALVANIZED.
 - BOLTS:
ALL BOLTS SHALL CONFORM TO ASTM A307 AND SAE GRADE 5 UNLESS OTHERWISE NOTED ON PLANS.
 - WELDS:
ALL SHOP WELDING SHALL BE DONE USING E70 ELECTRODES W/ A MIN. CHARPY V-NOTCH VALUE OF 20 FT.-LBS @ 20F°. ALL WELDERS SHALL BE PROPERLY QUALIFIED AND BE PRE-APPROVED. ALL WELDING SHALL COMPLY WITH THE LATEST A.W.S. SPECIFICATIONS. NO BUZZ BOXES SHALL BE USED. WHEN WELDING A36 STEEL MORE THAN 1" THICK, USE LOW HYDROGEN ELECTRODES.
- GENERAL NOTES:
- WELDING BY FCP INC. SHALL CONFORM TO THE LA CITY FABRICATORS LICENSE REQUIREMENTS. THE CITY OF LOS ANGELES HAS ISSUED FABRICATORS LICENSE #1697 (FB01697) TO FCP INC. (EXPIRATION DATE OCT. 1, 2014).
 - A SPECIAL INSPECTOR NEED NOT BE PRESENT DURING WELDING OF THE FOLLOWING ITEMS, PROVIDED THE MATERIALS, QUALIFICATIONS OF WELDING PROCEDURES AND WELDERS ARE VERIFIED PRIOR TO THE START OF WORK IN PROGRESS, AND A VISUAL INSPECTION OF ALL WELDS ARE MADE PRIOR TO COMPLETION OR PRIOR TO SHIPMENT OF SHOP WELDING:
A. SINGLE-PASS FILLET WELDS NOT EXCEEDING 5/16" IN SIZE. (REQUIRES PERIODIC INSPECTION.)
B. FLOOR AND ROOF DECK.
C. WELDED STUDS WHEN USED FOR STRUCTURAL DIAPHRAGM OR COMPOSITE SYSTEM.
D. WELDED SHEET STEEL FOR COLD-FORMED STEEL FRAMING MEMBERS I.E. STUDS, JOIST.
E. WELDING OF STAIRS AND RAILING SYSTEMS.

- REINFORCING RODS:
WELDED IN COLD-FORMED STRUCTURAL MEMBERS ARE HOT ROLLED, A307, A706 GRADE 60 OR A572.
- METAL DECK ASC STEEL DECK (ES REPORT ESR#1414)

BOLT TIGHTENING CONDITIONS

- ALL MACHINE BOLTS TO BE BEARING TYPE CONNECTIONS AND SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION. THE SNUG TIGHT CONDITION IS DEFINED AS THE TIGHTNESS THAT EXISTS WHEN ALL PILES IN A JOINT ARE IN FIRM CONTACT. THIS MAY BE ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE TIGHTENING A PERSON CAN ACHIEVE WITH FULL STRENGTH WITH AN ORDINARY SPUD WRENCH.
- ALL CONNECTIONS USE SHEAR VALUES ONLY, NO FRICTION VALUES REQUIRED FOR CONNECTION STRENGTH. ALL CONNECTIONS SHALL BE TIGHTENED BY THE TURN-OF-NUT METHOD. BOLTS SHAL BE INSTALLED IN ALL HOLES OF THE CONNECTION AND BROUGHT TO A SNUG TIGHT CONDITION. SNUG TIGHTENING SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE CONNECTION TO THE FREE EDGES, AND AS NECESSARY UNTIL ALL BOLTS ARE SIMULTANEOUSLY SNUG TIGHT. THE CONNECTION SHALL THEN BE TIGHTENED FURTHER BY THE APPLICABLE AMOUNT OF ROTATION SPECIFIED IN THE TABLE BELOW:

TABLE 22-4V-E NUT ROTATION FROM SNUG TIGHT CONDITION

DISPOSITION OF OUTER FACE OF BOLTED PARTS			
BOLT LENGTH (UNDERSE OF HEAD TO END OF BOLT)	BOTH FACES NORMAL TO BOLT AXIS	ONE FACE NORMAL TO BOLT AXIS, OTHER (REVISED WASHER NOT USED)	BOTH FACES SLOPED NOT MORE THAN THE BOLT AXIS (REVISED WASHER NOT USED)
NOT MORE THAN 4d	½ TURN	½ TURN	½ TURN
MORE THAN 4d BUT NOT EXCEEDING 8d	½ TURN	½ TURN	¾ TURN
MORE THAN 8d BUT NOT EXCEEDING 12d	¾ TURN	¾ TURN	1 TURN

ANCHOR BOLT

- GRADE AND FABRICATION:
FOR ANCHORAGE IN CONCRETE USE ONE OF THE FOLLOWING:
SIMPSON STRONG-BOLT EXPANSION ANCHOR (ESR-1771) (SUPPLIED BY INSTALLER), SEE SHEET S1.1 FOR SIZE & EMBEDMENT.
HILLI KWIK BOLT TZ EXPANSION ANCHOR (ESR-1917) (SUPPLIED BY INSTALLER), SEE SHEET S1.1 FOR SIZE & EMBEDMENT.
POWERS POWER STUD SD1 EXPANSION ANCHOR (ESR-2819) (SUPPLIED BY INSTALLER), SEE SHEET S1.1 FOR SIZE & EMBEDMENT.
- INSTALLATION:
 - DRILL A HOLE IN THE CONCRETE USING A BIT THE SAME DIAMETER AS THE NOMINAL DIAMETER OF THE ANCHOR. DRILL THE HOLE TO THE SPECIFIED EMBEDMENT DEPTH PLUS ONE ANCHOR DIAMETER. CLEAR THE HOLE OF ALL EXCESS DEBRIS AND CONCRETE DUST.
 - ASSEMBLE THE ANCHOR WITH NUT AND WASHER SO THE TOP OF THE NUT IS FLUSH WITH THE TOP OF THE ANCHOR. PLACE THE ANCHORS THRU THE HOLES OF THE BASE PLATE AND DRIVE INTO THE HOLES UNTIL THE WASHER AND NUT ARE TIGHT AGAINST THE BASEPLATE.
 - TIGHTEN THE NUT TO THE REQUIRED INSTALLATION TORQUE. REFER TO ESR-3037, TABLE 1 OR ESR-1917 TABLE 1.

SHEET INDEX

G1.1 - S5.6

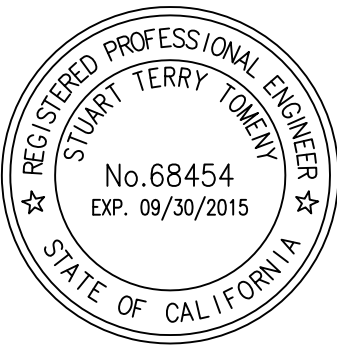
G1.1 GENERAL NOTES	S5.1 STANDARD DETAILS
S1.1 ANCHOR BOLT LAYOUT	S5.2 STANDARD DETAILS
S1.2 DECK FRAMING PLAN	S5.3 STANDARD DETAILS
	S5.4 SLIDE GATE DETAILS
	S5.5 LANDING DETAILS
	S5.6 STAIR DETAILS

ABBREVIATIONS

A.B.	ANCHOR BOLT	(E)	EXISTING	L.W.	LIGHTWEIGHT	S.S.	STAINLESS STEEL
ARCH	ARCHITECT	EA	EACH			SHG	SHEATHING
BOT	BOTTOM	EQ	EQUAL	M.B.	MACHINE BOLT	SM	SIMILAR
BLDG	BUILDING	E.W.	EACH WAY	MAX.	MAXIMUM	SQ	SQUARE
BM	BEAM	EX	EXTERIOR	MECH	MECHANICAL	ST	STEEL
B.O.B	BOTTOM OF BEAM	F.F.	FINISHED FLOOR	MIN	MINIMUM		
CL	CENTER LINE	F.F.	FLOOR JOIST	MISC	MISCELLANEOUS	T	TOP
CMU	CONCRETE MASONRY UNIT	F.D.N	FLOOR FOUNDATION	(N)	NEW	T&B	TOP & BOTTOM
CLR	CLEAR	FLR	FLOOR	N.T.S.	NOT TO SCALE	T.O.B.	TOP OF BEAM
COL	COLUMN	FT.	FOOT or FEET	FTG.	FOOTING	T.O.D.	TOP OF DECK
CONC	CONCRETE	FTG.	FOOTING	O.C.	ON CENTER	T.O.S.	TOP OF SLAB
CONT	CONTINUOUS	GA.	GAUGE	O.D.	OUTSIDE DIAMETER	TYP	TYPICAL
Ø	DIAMETER	GALV	GALVANIZED	PL	PLATE	U.N.O.	UNLESS NOTED OTHERWISE
DBL	DOUBLE	HSS	HORIZONTAL	R	RADIUS	VERT.	VERTICAL
DET	DETAIL	H.S.B.	HIGH STRENGTH BOLT	REIN	REINFORCE(D)ING	X.S.	EXTRA STRONG
DIM	DIMENSION	HSS	HOLLOW STRUCTURAL SECTION	REV	REVISED		
DN	DOWN	I.D.	INSIDE DIAMETER				
		INT	INTERIOR				

LEGEND

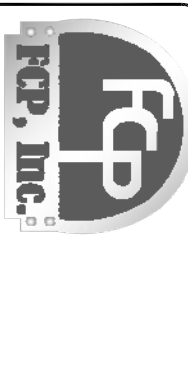
	CONCRETE WALL		COLUMN GRID REFERENCE		MEMBER SIZE (CALL OUT)
	GYPSUM BOARD WALL		VIEW/SECTION		ACCESS HOLE LOCATOR
	SHEET (METAL)				JOIST BRIDGING
	BLOCK WALL				CAUTION AREA
	UNKNOWN WALL				
	(E) STRUCTURAL COLUMN		DETAIL NUMBER		
	(E) ROUND COLUMN		DETAIL CALLOUT/SECTION		
	(E) SQUARE COLUMN		FRAME OR COLUMN MARK, SIZE & LOCATION		
	(E) FOOTING				
	(E) GRADE BEAM				
	ELEVATION CHANGE				



ATTENTION: DESIGNER/ENGINEER/CONSULTANT
THIS DRAWING AND ALL INFORMATION HEREON ARE THE PROPERTY OF FCP, INC. AND ARE NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF FCP, INC. ANY VIOLATION OF THIS NOTICE SHALL BE SUBJECT TO LEGAL ACTION.
THIS DRAWING IS THE PROPERTY OF FCP, INC. AND IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF FCP, INC. ANY VIOLATION OF THIS NOTICE SHALL BE SUBJECT TO LEGAL ACTION.
THIS DRAWING IS THE PROPERTY OF FCP, INC. AND IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF FCP, INC. ANY VIOLATION OF THIS NOTICE SHALL BE SUBJECT TO LEGAL ACTION.

DATE	BY	DWG. HISTORY/REVISIONS
11.25.14	M.B.	APPROVAL DWG. COMPLETED
12.01.14	B.T.	ENGINEERING PK. COMPLETED
12.08.14	B.F.	REVISED STAIR LOCATIONS

FILE NAME: Del Monte_M14107 12.12.14.dwg	DRAWN BY: B.TANIO	CHK. BY:
SCALE: NONE	PLOT DATE: 12.12.14	PROJECT: DEL MONTE 4000 YOSEMITE BLVD. MODESTO, CA 95357
DEALER: PARADIGM CONSTRUCTION 1400 J STREET MODESTO, CA 95354		



Freightline Wireman
23100 BAYTER ROAD
WILDOMAR, CA 92595
(800) 807-2275
(951) 684-3181 FAX
SALES@FCPWEZMANNE.COM

PERMIT/PC NUMBER:
...

SHEET NUMBER:
G1.1
SHEET 1 OF 9



THE DRAWING, AND ALL INFORMATION HEREON, IS THE PROPERTY OF PARADIGM CONSTRUCTION, INC. (PC) AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. NO PART OF THIS DRAWING IS TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF PARADIGM CONSTRUCTION, INC. ANY VIOLATION OF THIS AGREEMENT SHALL BE CONSIDERED A BREACH OF CONTRACT AND SUBJECT TO LITIGATION AND DAMAGES. PARADIGM CONSTRUCTION, INC. IS NOT RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF ANY STRUCTURE OR SYSTEM NOT SHOWN OR SPECIFIED HEREON. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. PARADIGM CONSTRUCTION, INC. IS NOT A DESIGN PROFESSIONAL AND DOES NOT PROVIDE DESIGN SERVICES. ANY DESIGN SERVICES PROVIDED BY PARADIGM CONSTRUCTION, INC. SHALL BE PROVIDED BY AN INDIVIDUAL LICENSED AS A PROFESSIONAL ENGINEER OR ARCHITECT IN THE STATE OF CALIFORNIA.

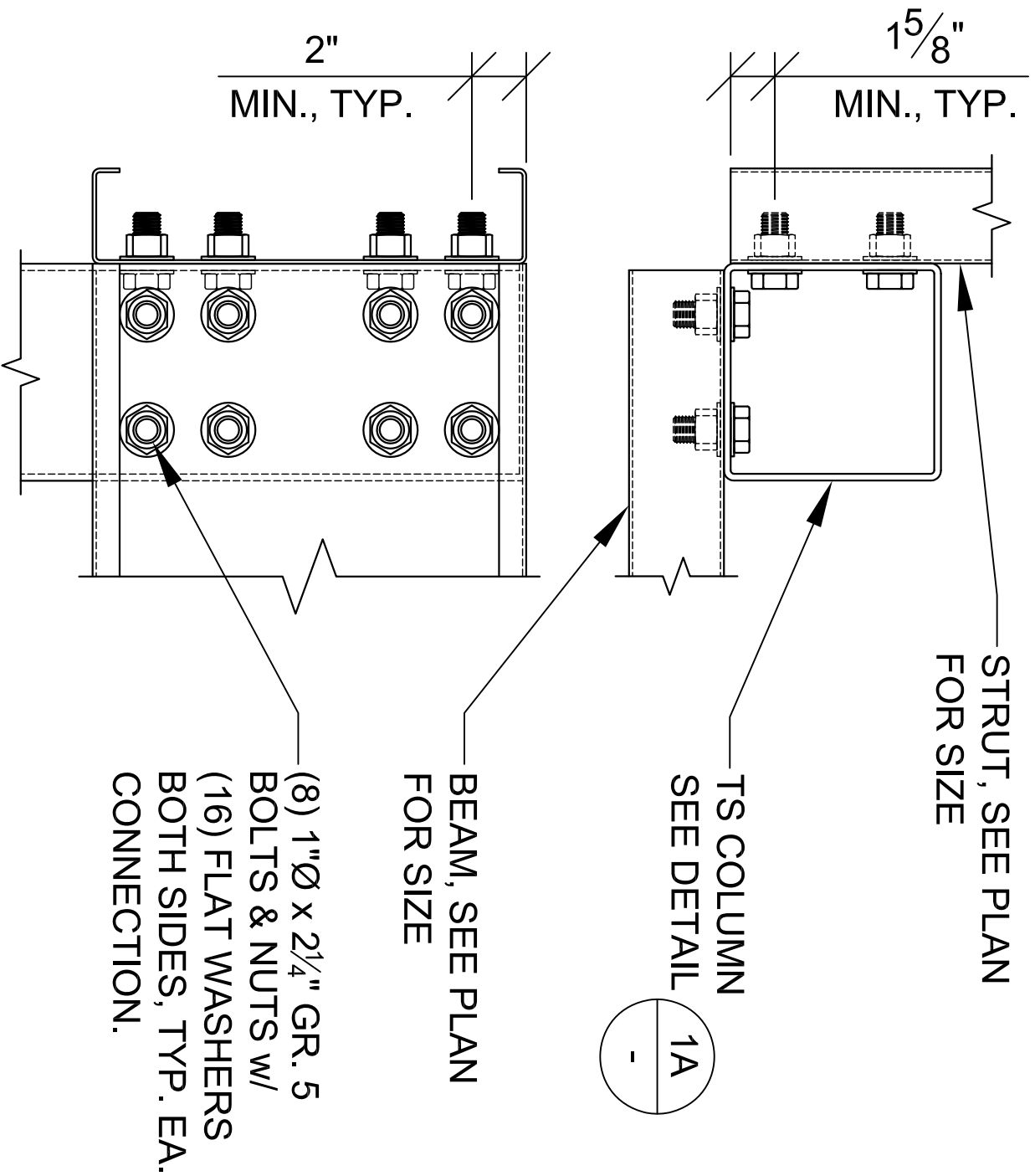
DATE	BY	DWG. HISTORY/REVISIONS
11.25.14	M.B.	APPROVAL DWG. COMPLETED
12.01.14	B.T.	ENGINEERING PK. COMPLETED
12.08.14	B.F.	REVISED STAIR LOCATIONS

STANDARD DETAILS

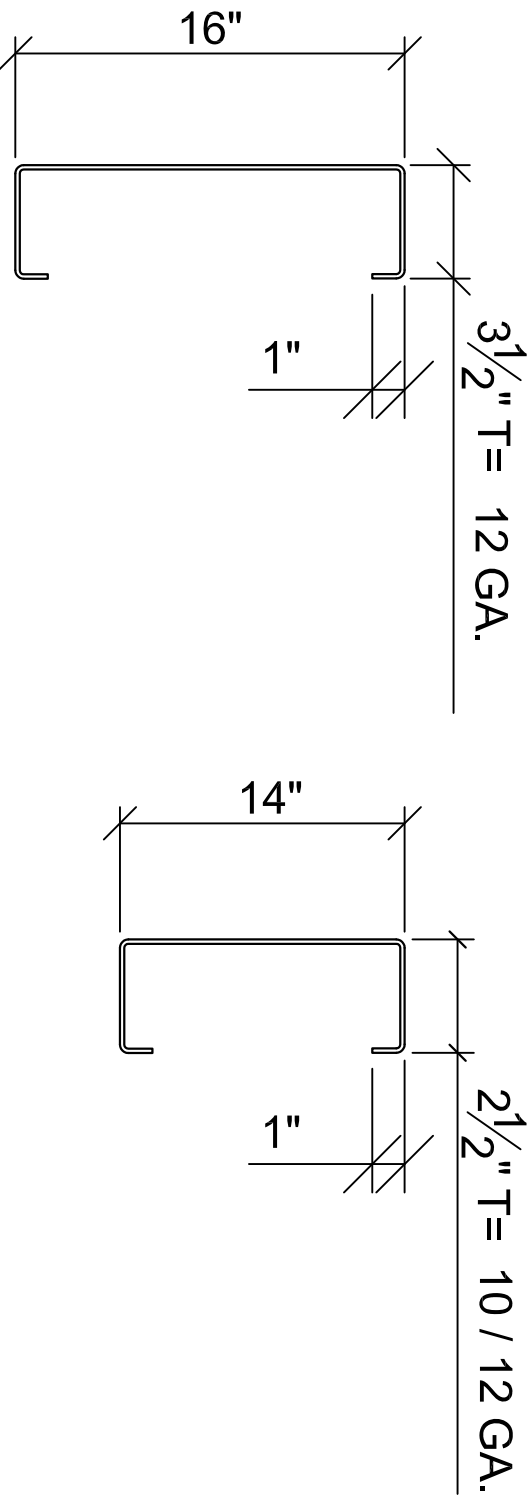
FILED W/ #	Del Monte_M14107 12.12.14.dwg	DRAWN BY:	B.TANIO	CHK BY:	
SCALE:	N.T.S.	PLOT DATE:	12.12.14	PROJECT:	DEL MONTE 4000 YOSEMITE BLVD. MODESTO, CA 95357
DEALER:	PARADIGM CONSTRUCTION 1400 J STREET MODESTO, CA 95354				

FCP, Inc.
Frequency Mechanics
23100 BAXTER ROAD
WILDOMAR, CA 92595
(800) 807-2276
(805) 884-3188 FAX
SALES@FCPMECHANICS.COM

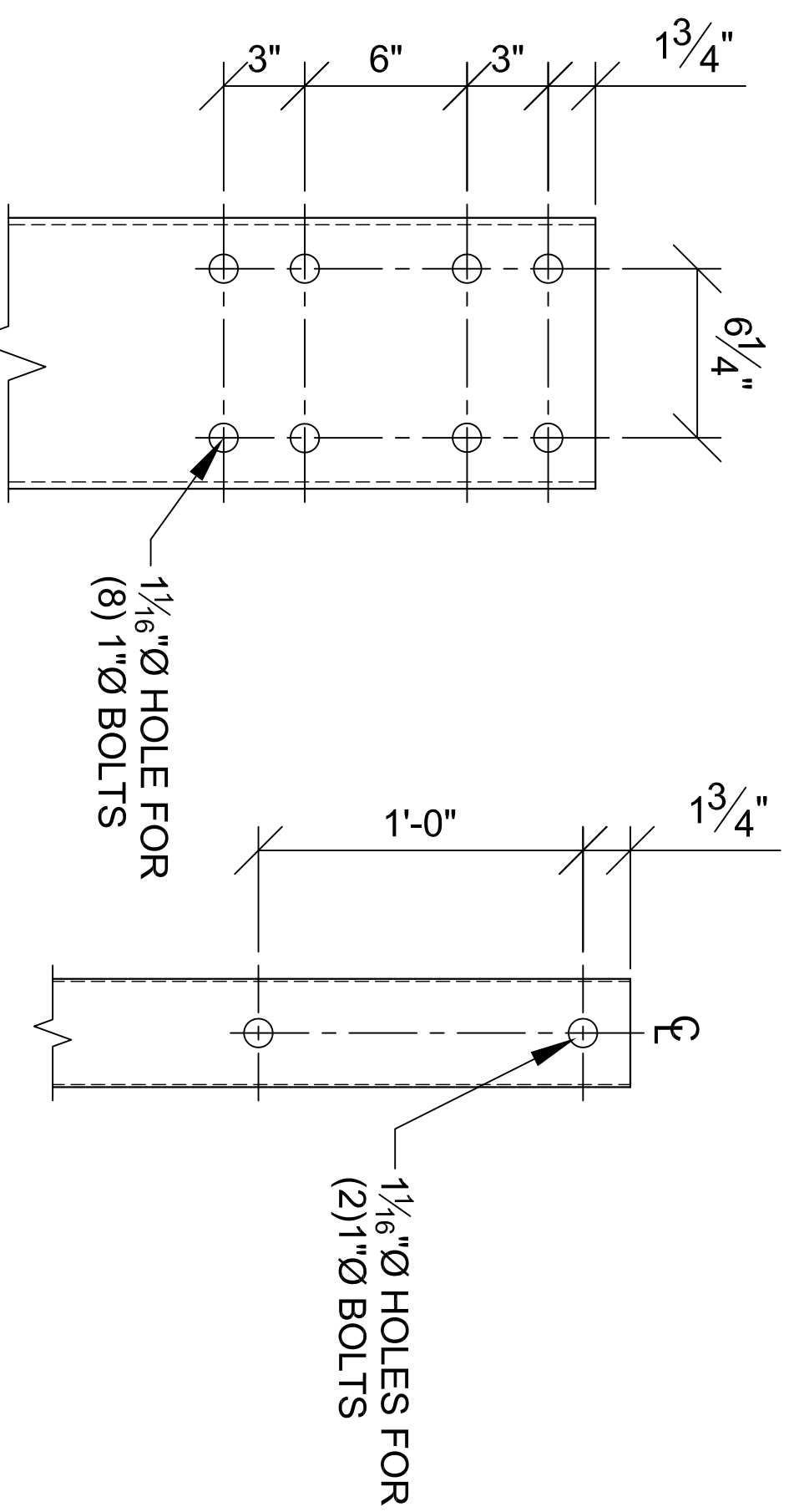
SHEET NUMBER:
S5.1
SHEET 4 OF 9



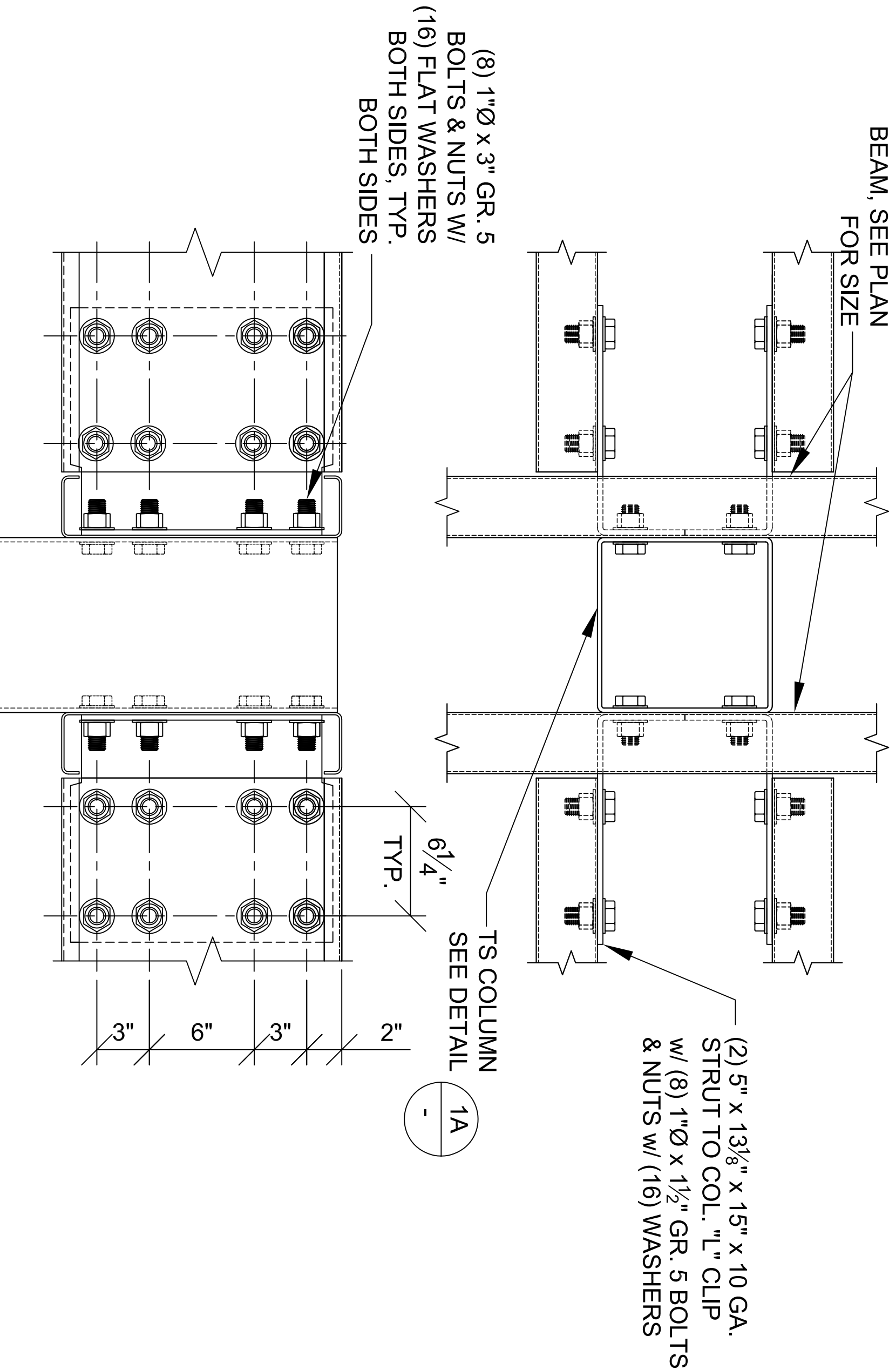
3 COL. CONNECTION @ CORNER



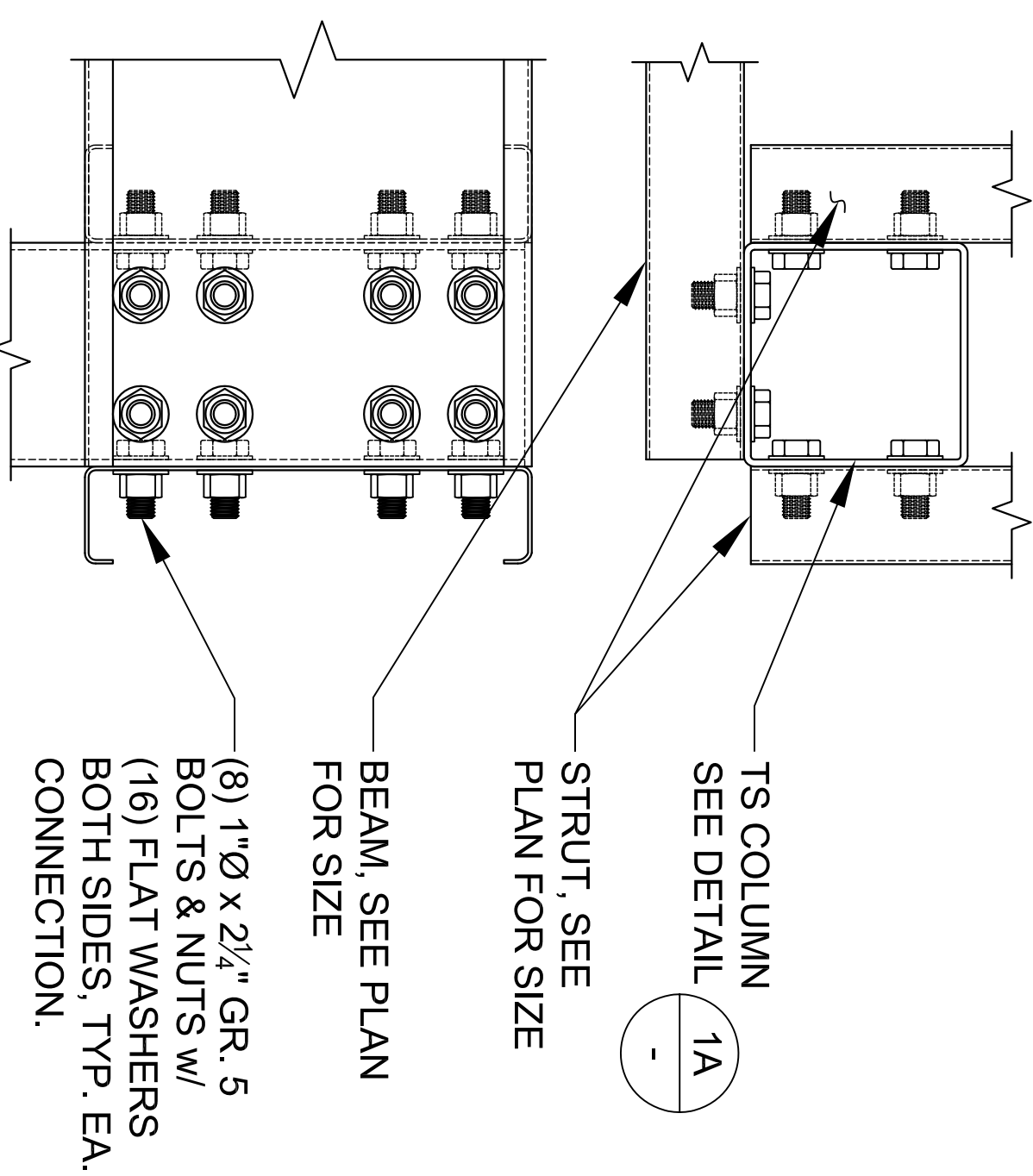
2 TYPICAL STRUCTURAL MEMBERS



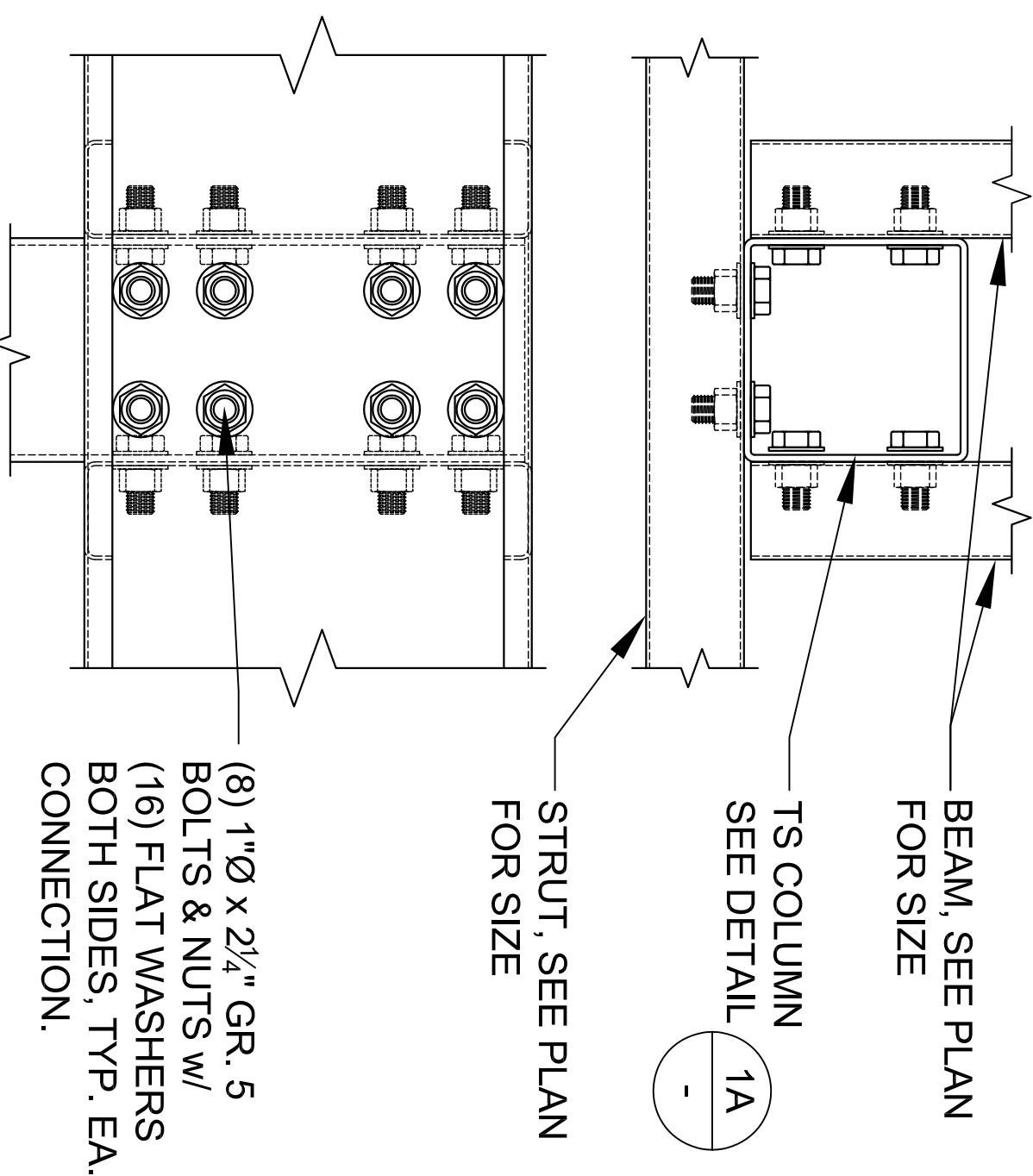
1 BOLT PATTERN DETAIL



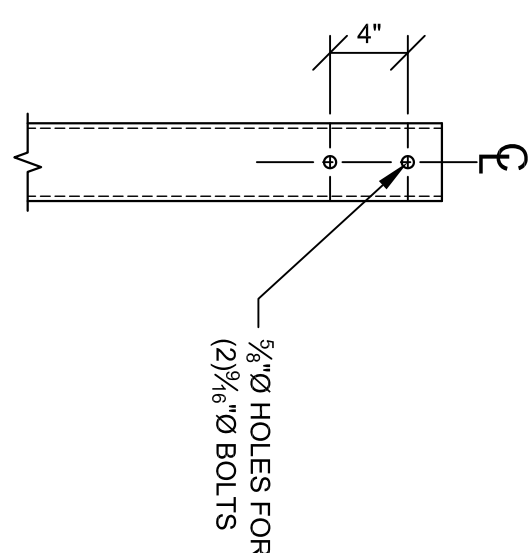
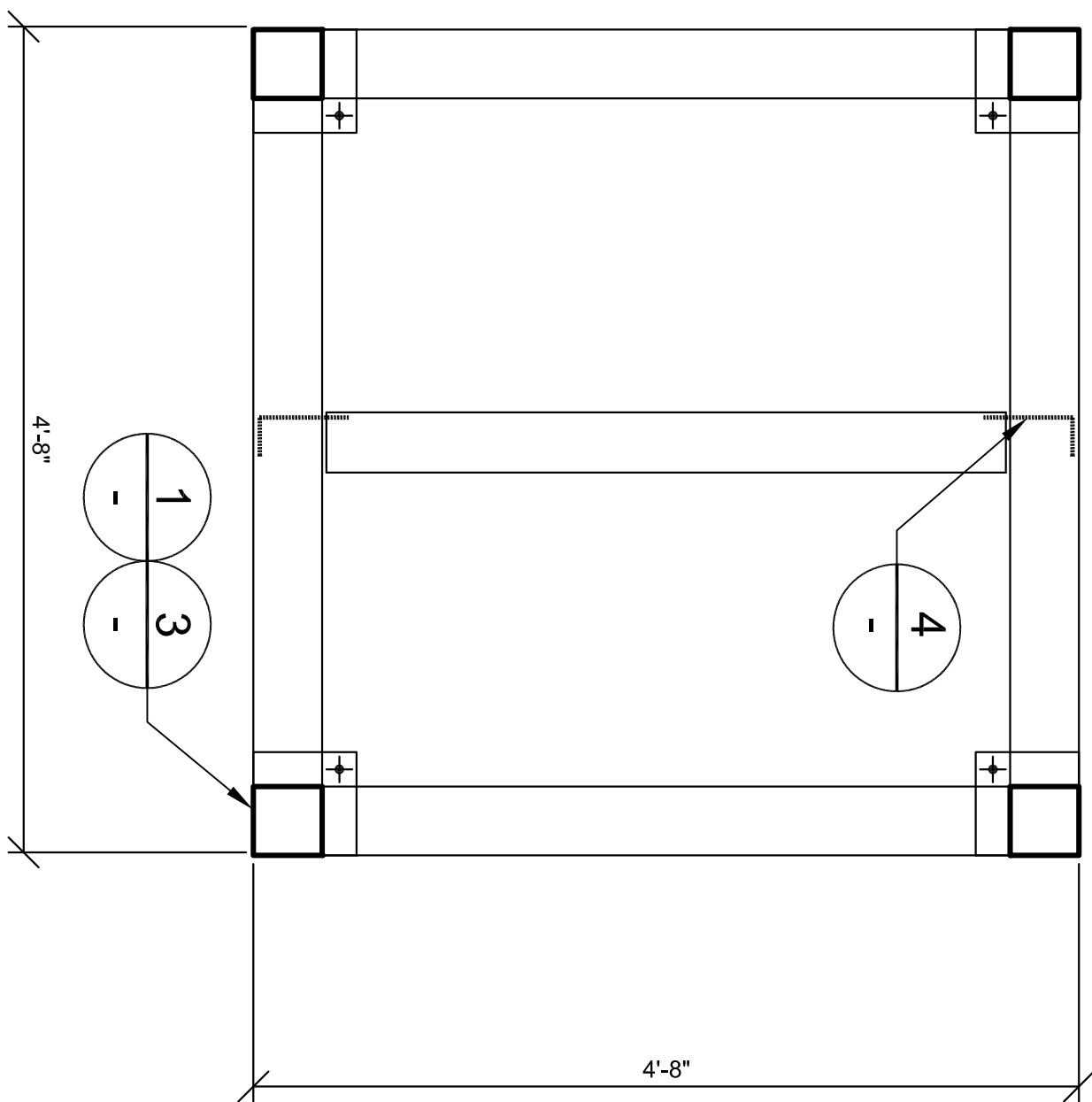
6 DBL. STRUT TO DBL. BEAM CONNECTION



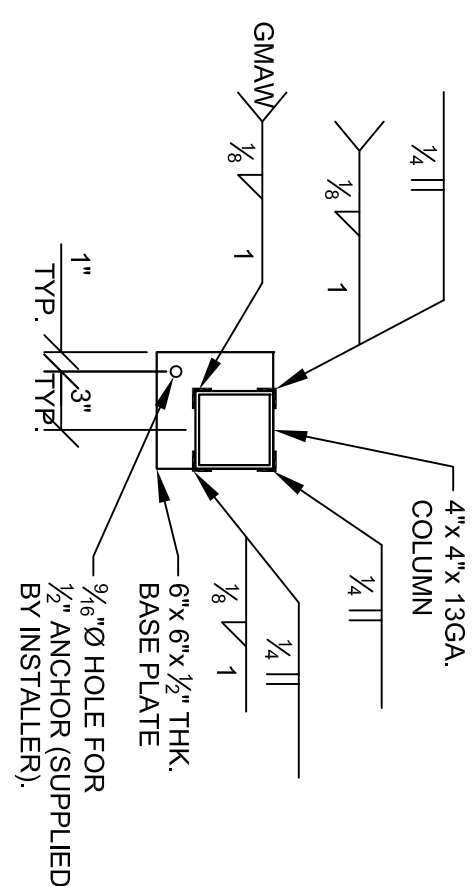
5 CORNER COLUMN CONNECTION



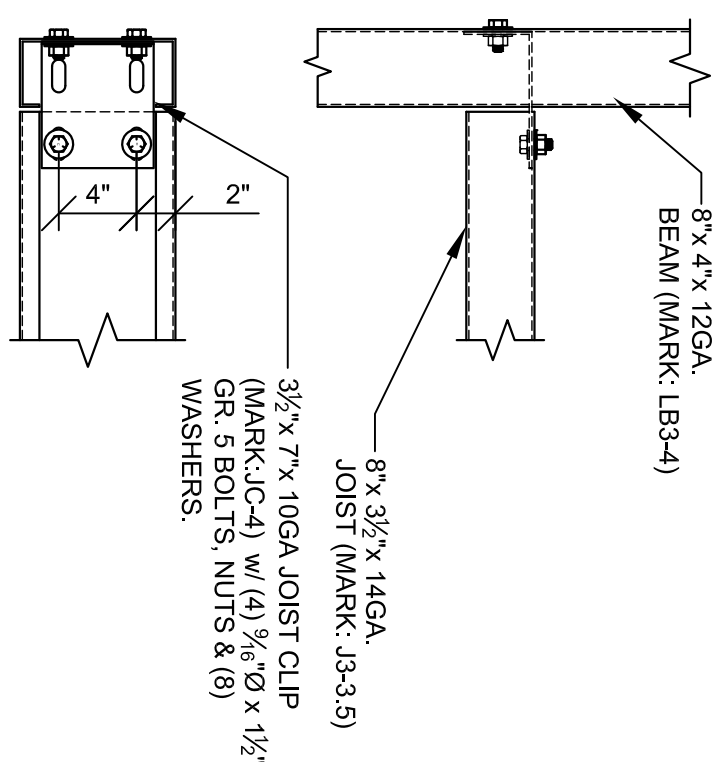
4 DOUBLE BEAM TO COL. @ PERIMETER



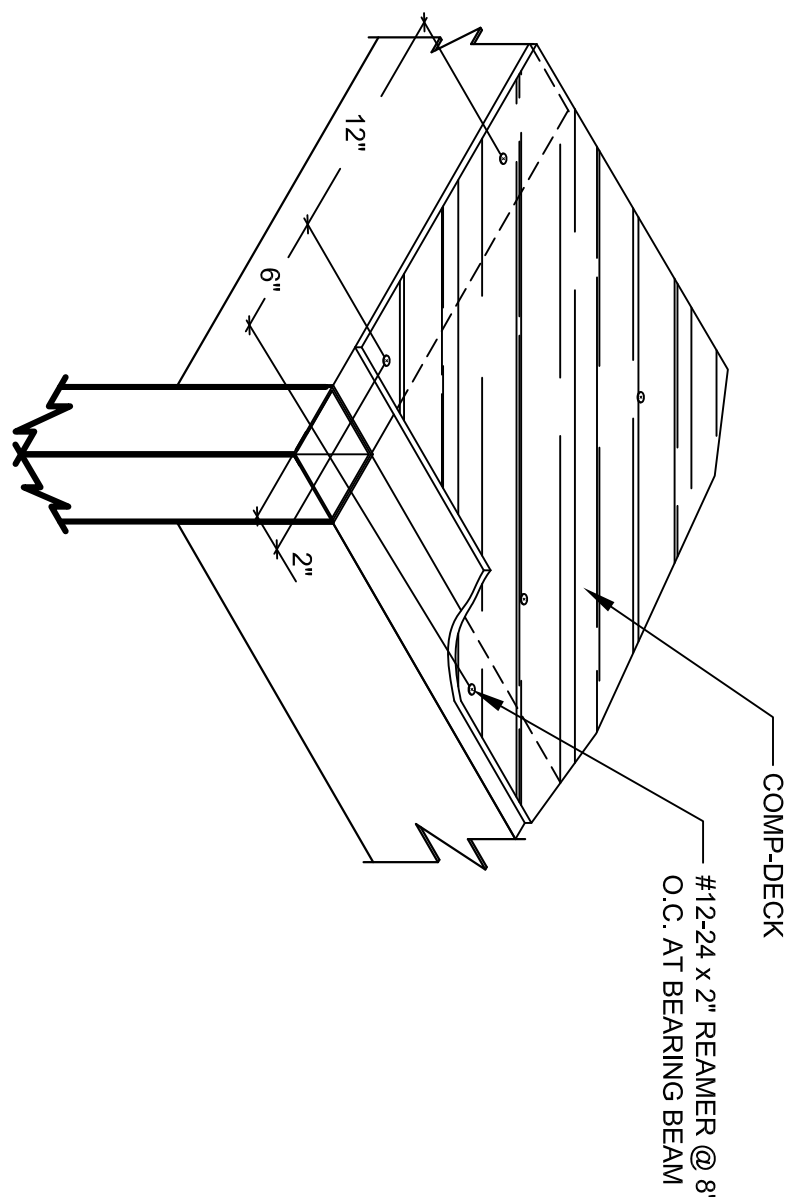
4" SQUARE COLUMN



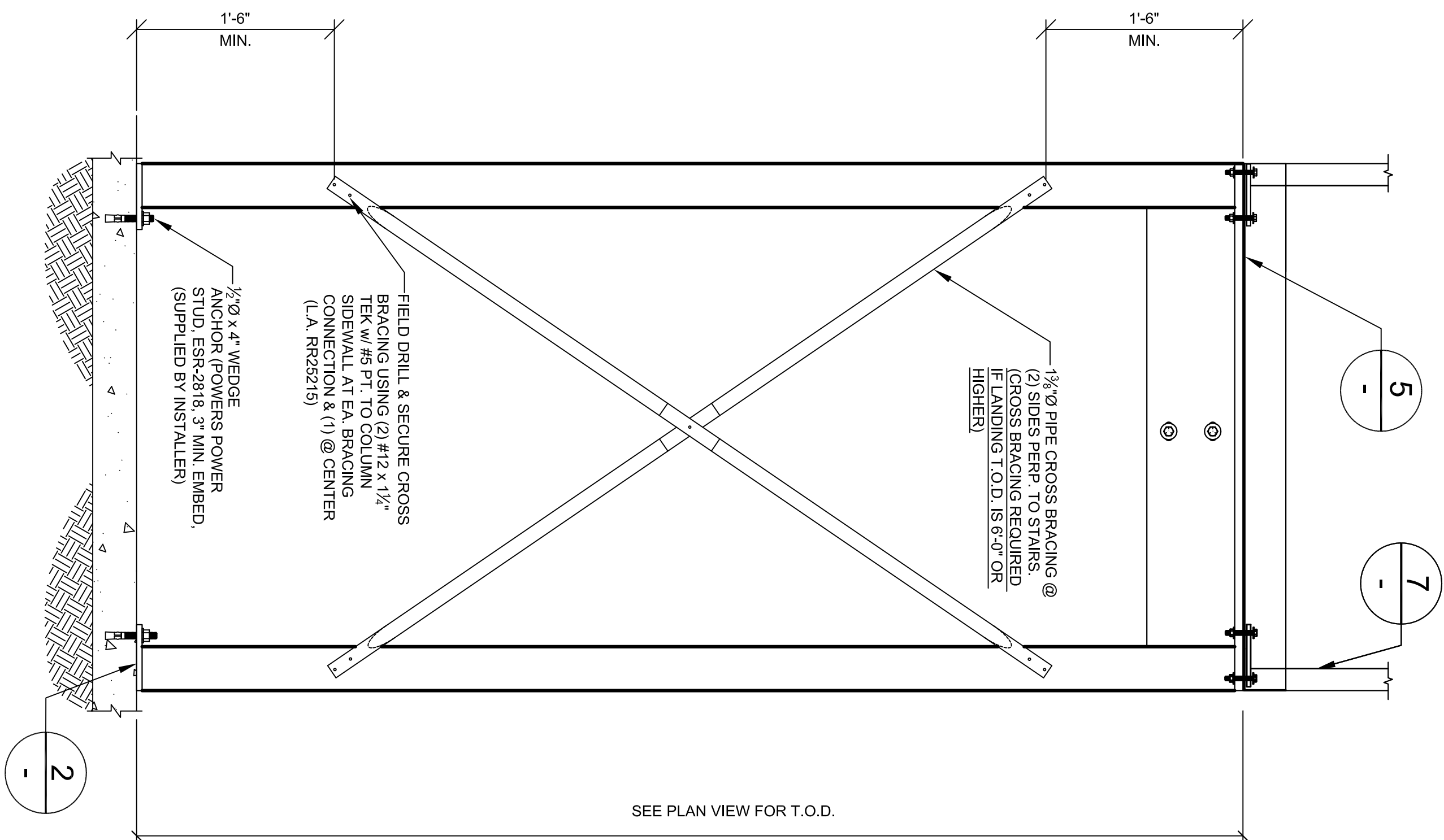
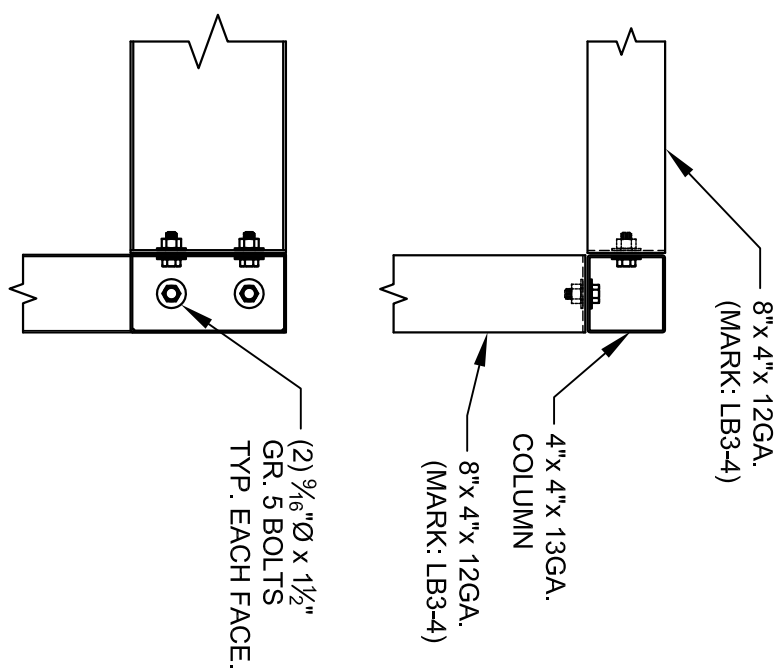
1 BOLT PATTERN DETAIL



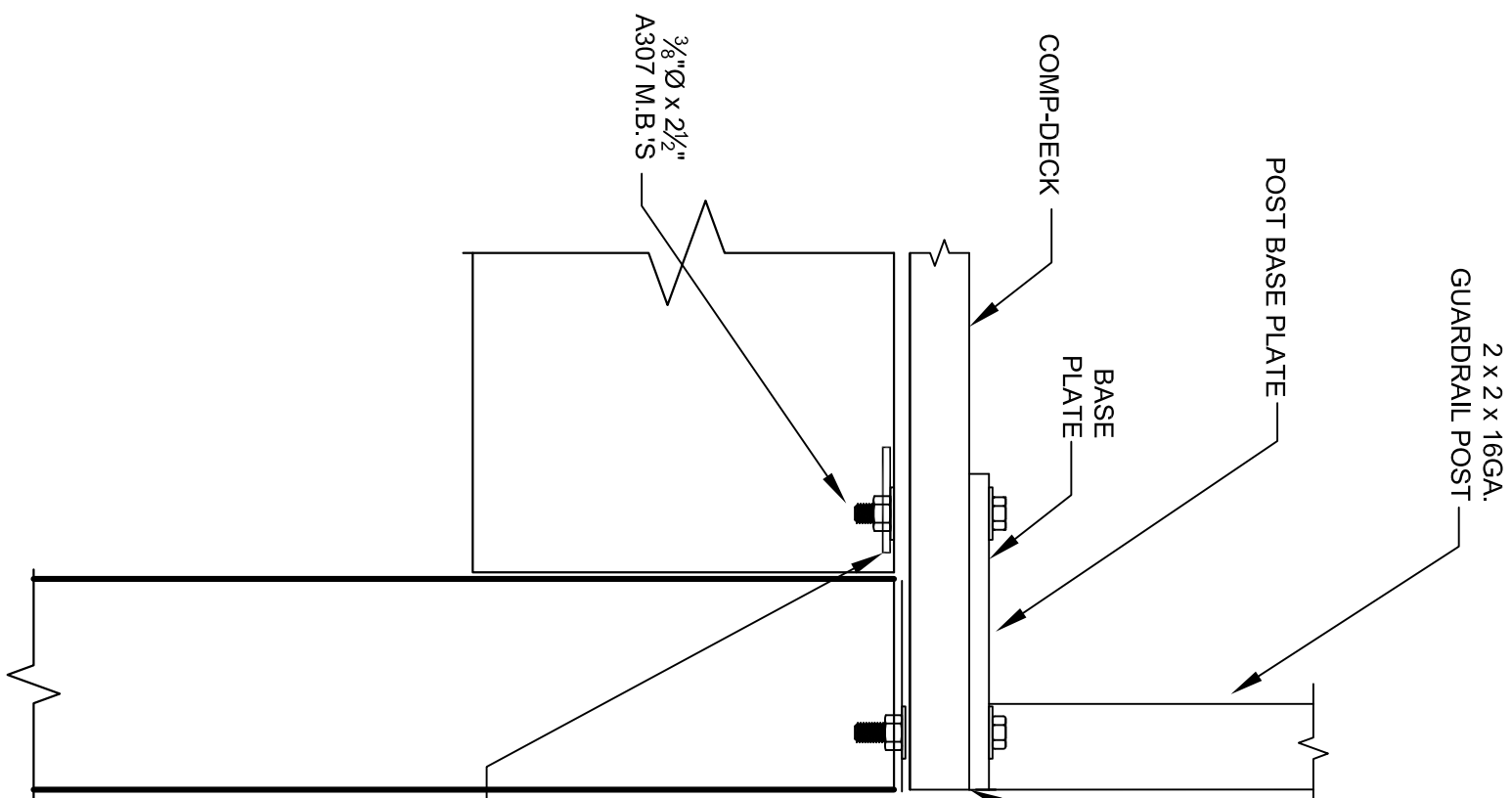
2 BASE PLATE DETAIL



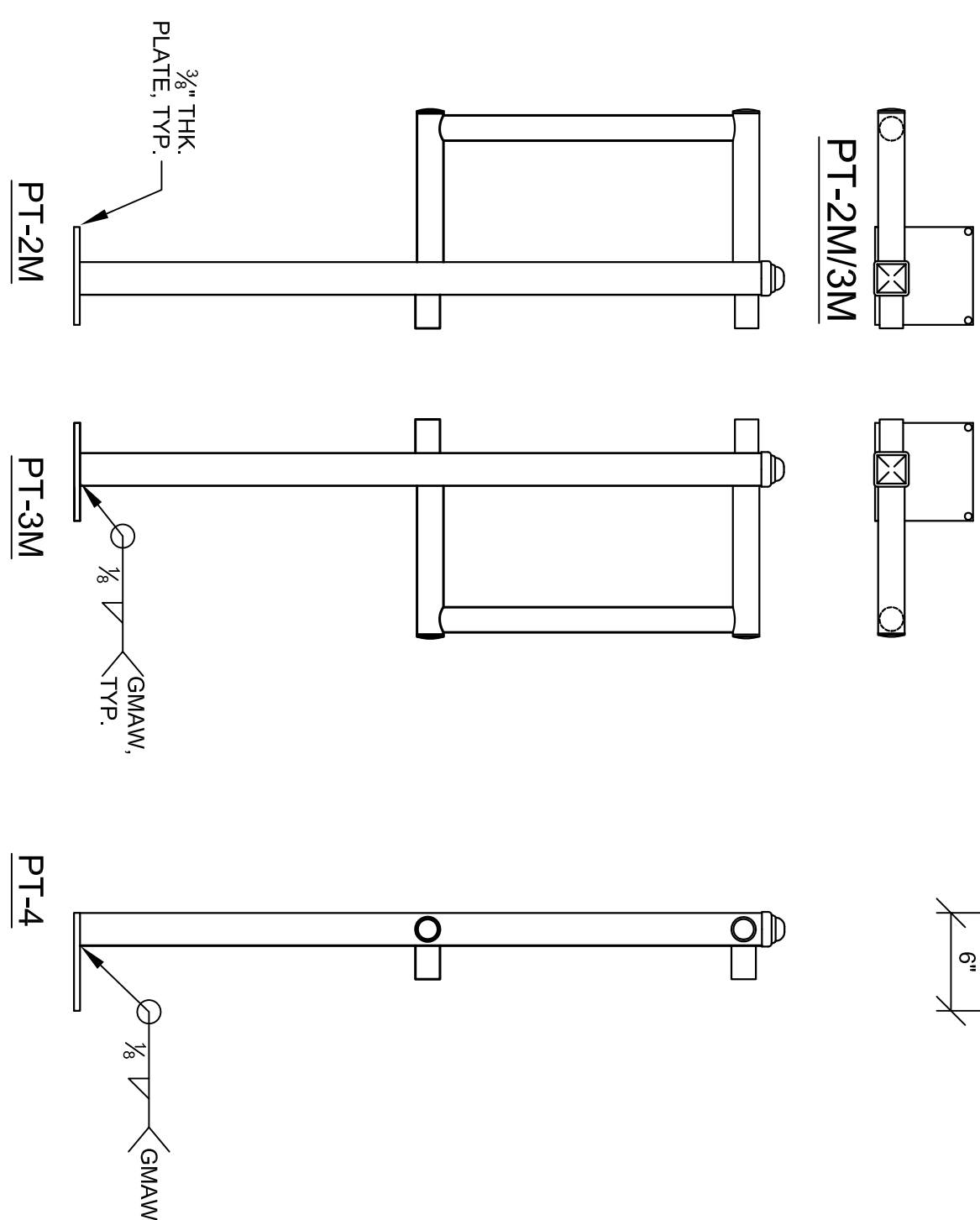
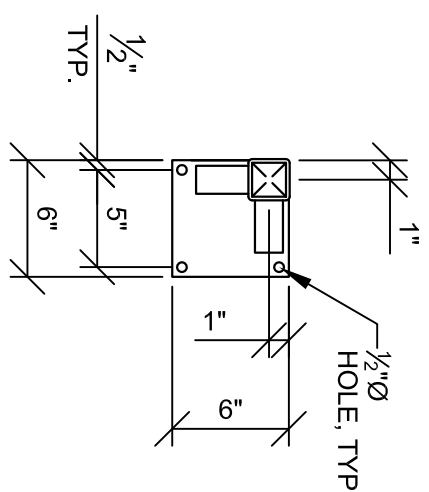
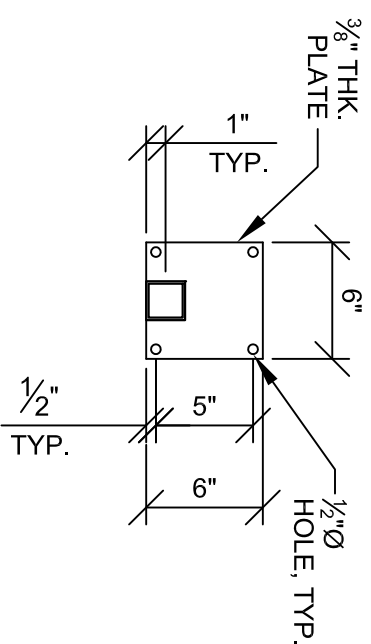
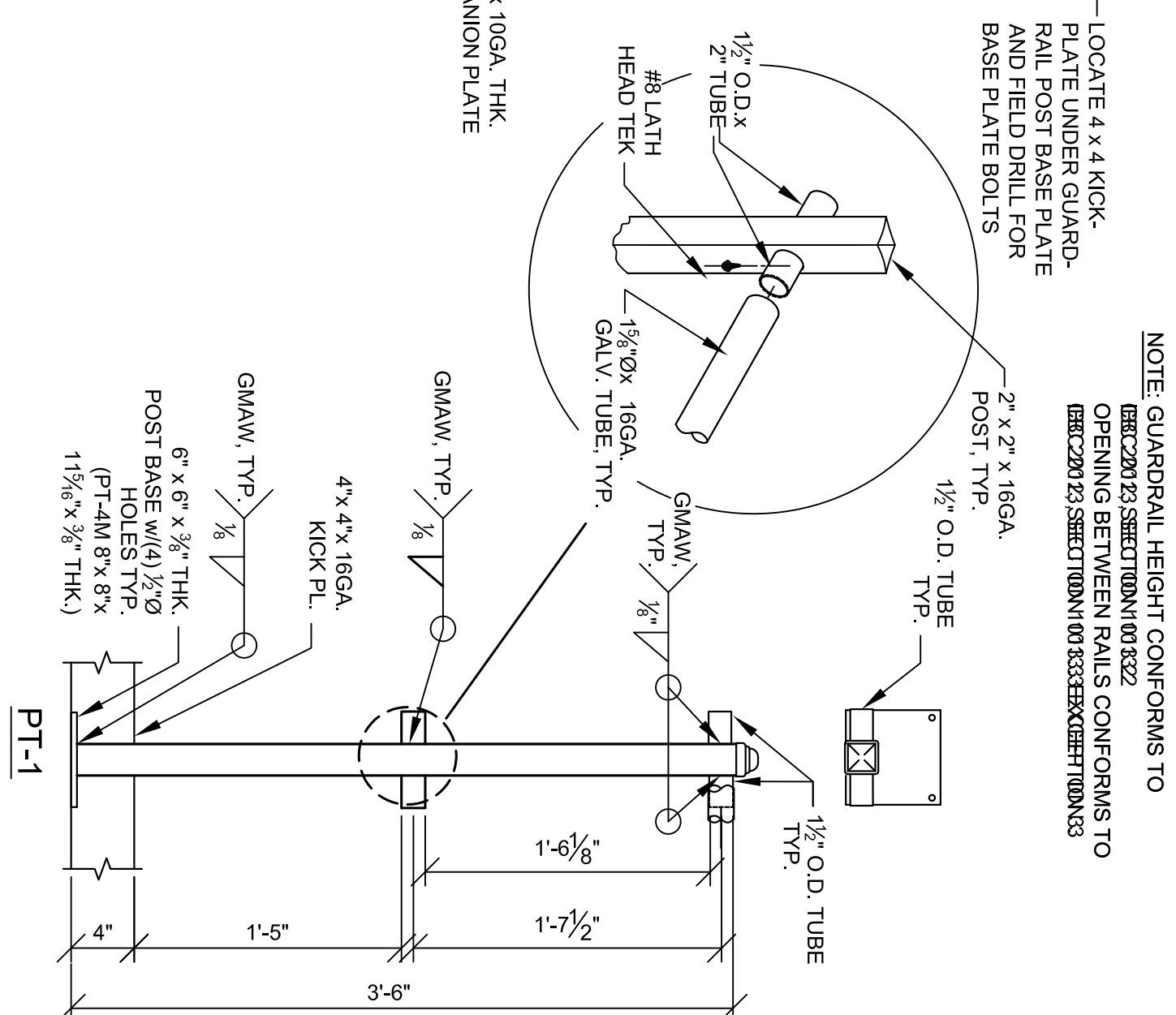
CORNER COLUMN CONNECTION



4 JOIST CLIP @ INTERIOR CONNECTION



5 COMP-DECK CONNECTION DETAIL



NOTE: 6'-0" LONG RAILS WILL BE SUPPLIED, RAILS NEED TO BE FIELD TRIMMED WHERE NECESSARY.

7 GUARDRAIL DETAIL OVER COMP-DECK

IN THE UNITED STATES, COUNCIL REPORTS ARE FILED IN THE SECRETARY OF COMMERCE'S BUREAU OF ECONOMIC ANALYSIS. IN THE UNITED KINGDOM, THEY ARE NOT IN ANY WAY DIFFERENTIATED, UNLESS THE COUNCIL HAS RECOMMENDED A STATISTICAL OR ADMINISTRATIVE ACTION. IN THE UNITED STATES, THE STATISTICAL AND ADMINISTRATIVE ACTIONS ARE SEPARATE AND RESPONSIBLE FOR EACH OTHER TO THE EXTENT THAT THE STATISTICAL ACTION IS NOT A STATISTICAL ACTION IN ITSELF, BUT A STATISTICAL ACTION IN THE FIELD OF INDUSTRY.

DWG. HISTORY/REVISIONS	BY	DATE
APPROVAL DWG. COMPLETED	M.B.	11.25.14
ENGINEERING PK. COMPLETED	B.T.	12.01.14
REVISED STAIR LOCATIONS	B.F.	12.08.14

<h1 style="text-align: center;">LANDING DETAILS</h1>			
FILE/DWG.# Del Monte_M14107 12.12.14.dwg			
SCALE: N.T.S.	PLOT DATE:	DRAWN BY: B.TANIO	CHK. BY:
DEALER: PARADIGM CONSTRUCTION 1400 J STREET MODESTO, CA 95354		PROJECT: DEL MONTE 4000 YOSEMITE BLVD. MODESTO, CA 95357	



SHEET NUMBER:
\$5.5
SHEET 8 OF 10

FILE LOCATION:

