

GENERAL NOTES

DESIGN

Design conforms to 2022 California Building Code.

Seismic Design Data:
Longitude: 37.95 Latitude: -122.933
Ss= 1.54 S1= 0.60 Sds= 1.18 Sd1=1.16
Seismic Design Category: D

Dimensions refer to rough concrete surfaces, face of studs, face of concrete block, top of sheathing, or top of slab, unless otherwise indicated.

Typical Details and notes on these sheets shall apply unless specifically shown or noted otherwise. Construction details not fully shown or noted shall be similar to details for similar conditions. All work and construction shall comply with all applicable building codes, regulations, and safety requirements.

Discrepancies: The Contractor shall inform the Architect in writing, during the bidding period, of any discrepancies or omissions noted on the drawings or in the specifications, or of any variations needed in order to conform to codes, rules, and regulations. Upon receipt of such information, the Architect will send written instructions to all concerned. Any such discrepancy, omission, or variation not reported shall be the responsibility of the Contractor, and work shall be performed in a manner as directed by the Architect.

Shoring: It shall be the Contractor's sole responsibility to design and provide adequate shoring, bracing, and formwork, etc., as required to hold the various elements in place until final support is securely anchored, and for the protection of life and property during the construction of this building.

Other Trades: See architectural, electrical, and mechanical drawings for size and location of pipe, vent, duct and other openings, and details not shown on these structural drawings. All dimensions are to be checked and verified with the architectural drawings.

STRUCTURAL LOADS

Building Risk Category (CBC 2022): II

EXISTING CONSTRUCTION

Existing construction shown on the drawings was obtained from review of field conditions and original structural drawings. The Contractor shall verify all existing conditions and shall notify the Architect of all exceptions before proceeding with the work.

The removal, cutting, drilling, etc. of existing work shall be performed with great care and small tools in order not to jeopardize the structural integrity of the building. If structural members, not indicated for removal, interfere with the new work, the Structural Engineer shall be notified immediately and approval obtained before removal of the existing members.

The Contractor shall safely shore existing construction wherever existing supports are removed to allow installation of the new work. The existing construction shall be connected and/or embedded into the new construction as shown or specified.

LIGHT STEEL STRUCTURAL FRAMING

Light gauge steel members shall be the types indicated on the drawings, as manufactured by a member of Steel Stud Manufacturer's Association, under ICC ER-4943P. Other suppliers having current ICC Research Reports, with properties of steel members equal to or greater than those in ICC ER-4943P, may be used with prior written approval from the Structural Engineer. Material for steel members, including special shapes, angles, etc. shall have minimum Fy = 33,000 psi for 43 mils (18 gauge) and lighter and Fy = 50,000 psi for 54 mils (16 gauge) and greater. Members may be galvanized (G60 coating) or shop painted. See

FASTENERS

Sheet Metal Screws (S.M.S.) - See

#10 - Wafer Head. Use Hex Washer Head only where architectural finish will allow it.

Low Velocity Drive Pins

Hilti X-DNI fasteners, types as indicated per ICC ER-2388 or by manufacturer having current ICC Research Report with values (in shear and tension) equal or greater.

Wedge Anchors

Hilti Kwik Bolt-II Concrete Anchor, types as indicated per ICC ER-4627 or by manufacturer having current ICC Research Report with values (in shear and tension) equal or greater.

1. REFER TO SSMA (STEEL STUD MANUFACTURERS ASSOCIATION) "PRODUCT TECHNICAL INFORMATION" CATALOGUE, AND ICC ER-4943P. (www.ssma.com).

2. 362S200-54 IS A 3 5/8" DEEP BY 2" FLANGE C-STUD AND THE MATERIAL THICKNESS IS 54 MILS.

3. S = STUD OR JOIST SECTIONS, CEE SHAPE:

T = TRACK SECTIONS

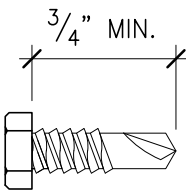
U = CHANNEL SECTIONS

F = FURRING CHANNEL SECTIONS

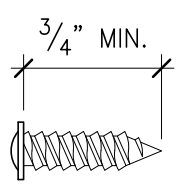
MIN. THICKNESS (MILS)	GAUGE NO.
18	25
27	22
30	20 - DRY WALL
33	20 - STRUCTURAL
43	18
54	16
68	14
97	12

STEEL STUD NOTES

NO SCALE



#10 S.M.S. HEX WASHER HEAD



#10 S.M.S. WAFER HEAD

SHEET METAL SCREWS (S.M.S.)

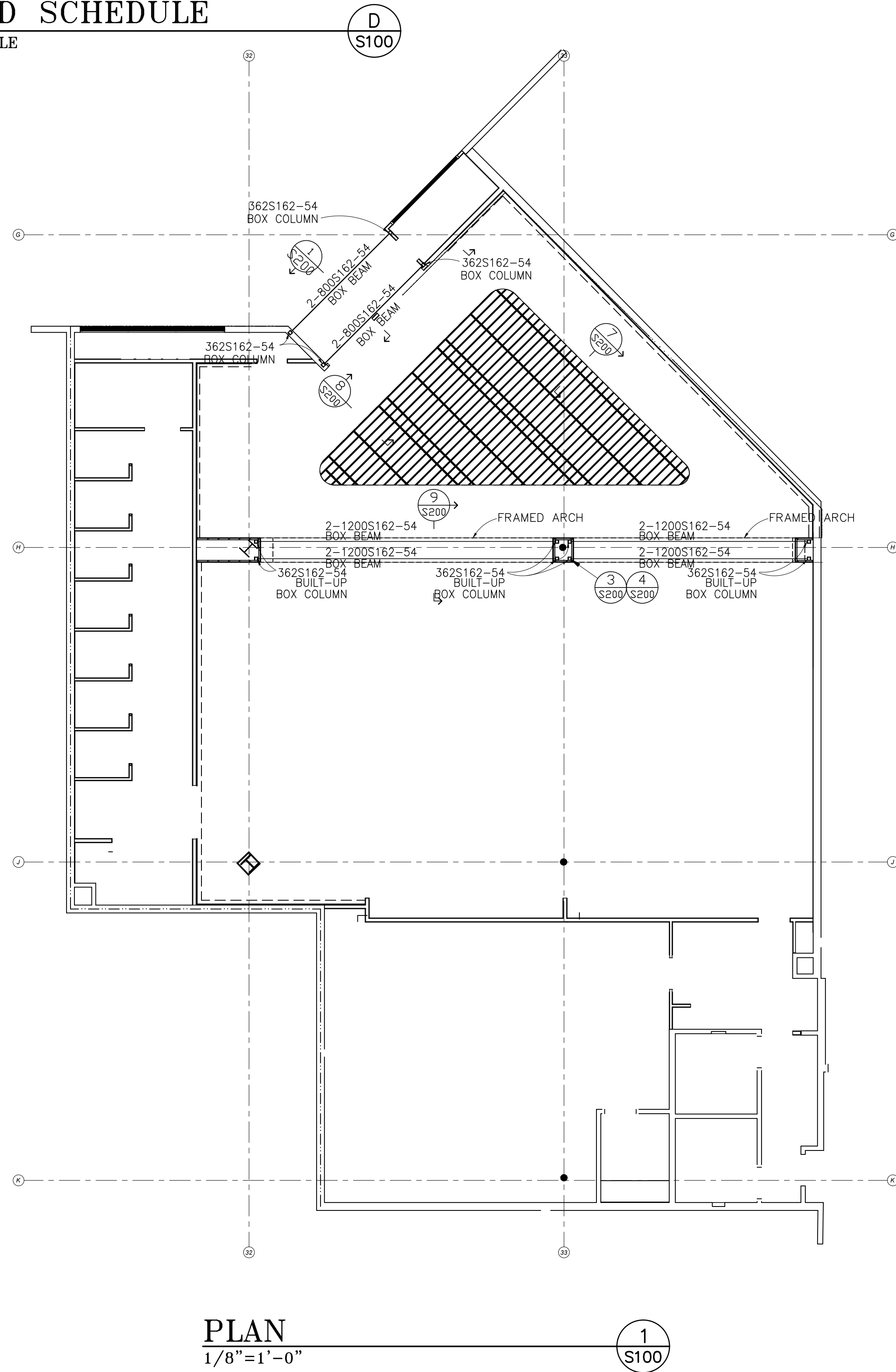
NO SCALE

STUD DESIGNATION	STUD DEPTH	FLANGE WIDTH	STUD GAUGE	STUD SPACING	MAXIMUM HEIGHT
362S162-54	3 5/8"	1 5/8"	16	16"	17'-0"
362S162-54	3 5/8"	1 5/8"	16	16"	18'-6"
600S162-54	6"	1 5/8"	16	16"	20'-0"

STUD DESIGNATION	STUD DEPTH	FLANGE WIDTH	STUD GAUGE	STUD SPACING	MAXIMUM HEIGHT
362S162-33	3 5/8"	1 5/8"	20	16"	17'-0"
362S162-43	3 5/8"	1 5/8"	18	16"	18'-6"
362S162-54	3 5/8"	1 5/8"	16	16"	20'-0"

VERTICAL METAL STUD SCHEDULE

NO SCALE



PLAN

1/8"=1'-0"

NOTES:

1. DESIGN BASED ON ALLOWABLE DEFLECTION OF L/240.

2. DESIGN BASED ON Fy = 33 KSI.

3. PROVIDE HORIZONTAL BRIDGING at 4'-0" O.C. MAX PER MANUFACTURER'S RECOMMENDATIONS.

4. DESIGN BASED ON 5 PSF LATERAL LOAD.

5. FOR ATTACHMENT TO 2nd FLOOR DECK SEE DETAIL 2 S100

(N) WATER HEATER OP. WT = 160 LBS.

16 GA. STRAP ATTACHED TO (E) WALL STUDS WITH (2) #10 S.M.S., EA. END

3/4" THICK PLYWOOD SHEATHING (F.R.) ATTACHED TO SUPPORTS WITH #10 S.M.S. AT 6" o.c., TYP.

DBL 600S162-33 STUD AT EDGE OF PLATFORM

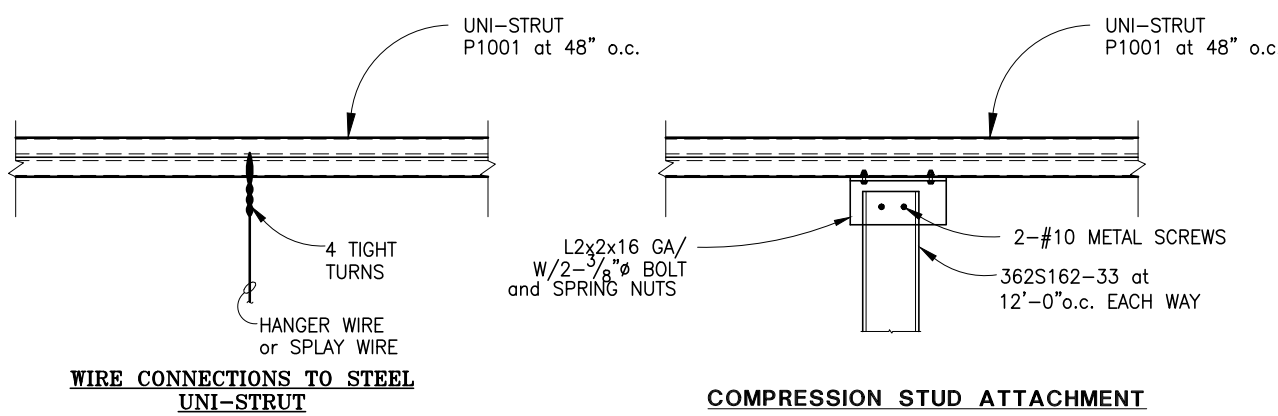
600T150-33 LEDGER TRACK

INTERIOR PARTITION WALL

SECTION

1 1/2" = 1'-0"

2 S100



DETAIL

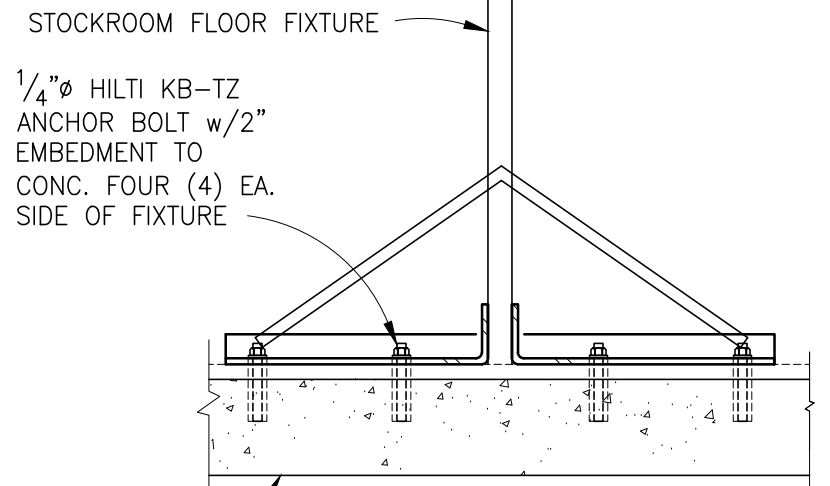
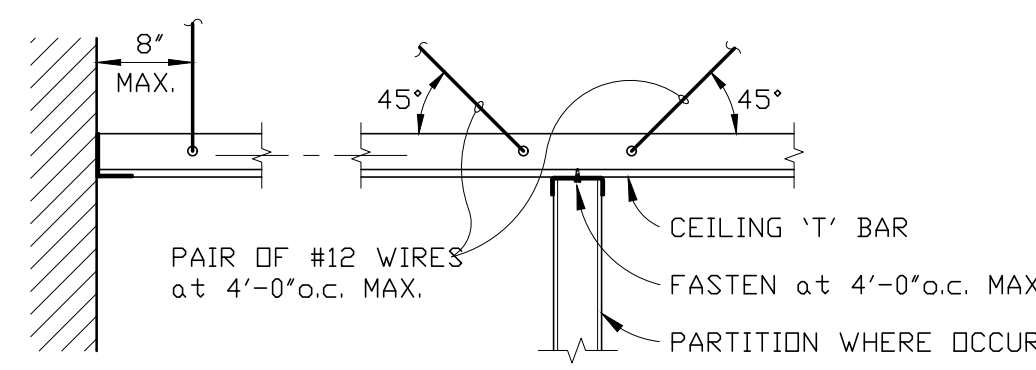
NO SCALE

20010 C2 S100

DETAIL

NO SCALE

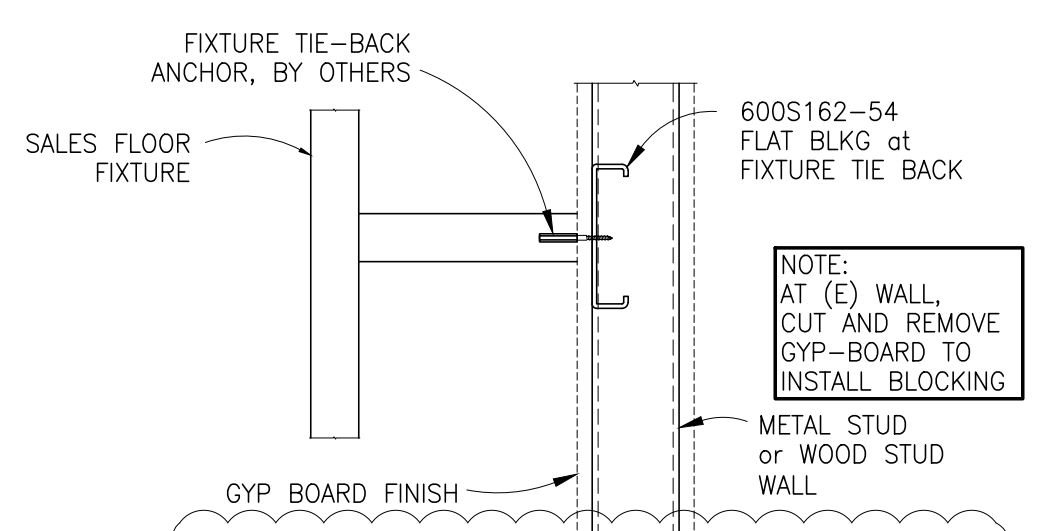
20010 C1 S100



DETAIL

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

3 S100



DETAIL

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

4 S100

DATE: 01/10/25

JOB NO: 2498

DRAWN: RMJ

CHECKED: CM



711 N. FIELDER RD.
ARLINGTON, TX 76012
PH: (817) 635-5696
FAX: (817) 635-5699

MANGO AT CORTE MADERA
THE VILLAGE AT CORTE MADERA CENTER
1602 REDWOOD HIGHWAY, SPACE #D039
CORTE MADERA/CA/94925



Structural Engineers
1 Northwood Drive, #3
Orinda CA 94661
Tel: 925.993.0877
www.rmja.com



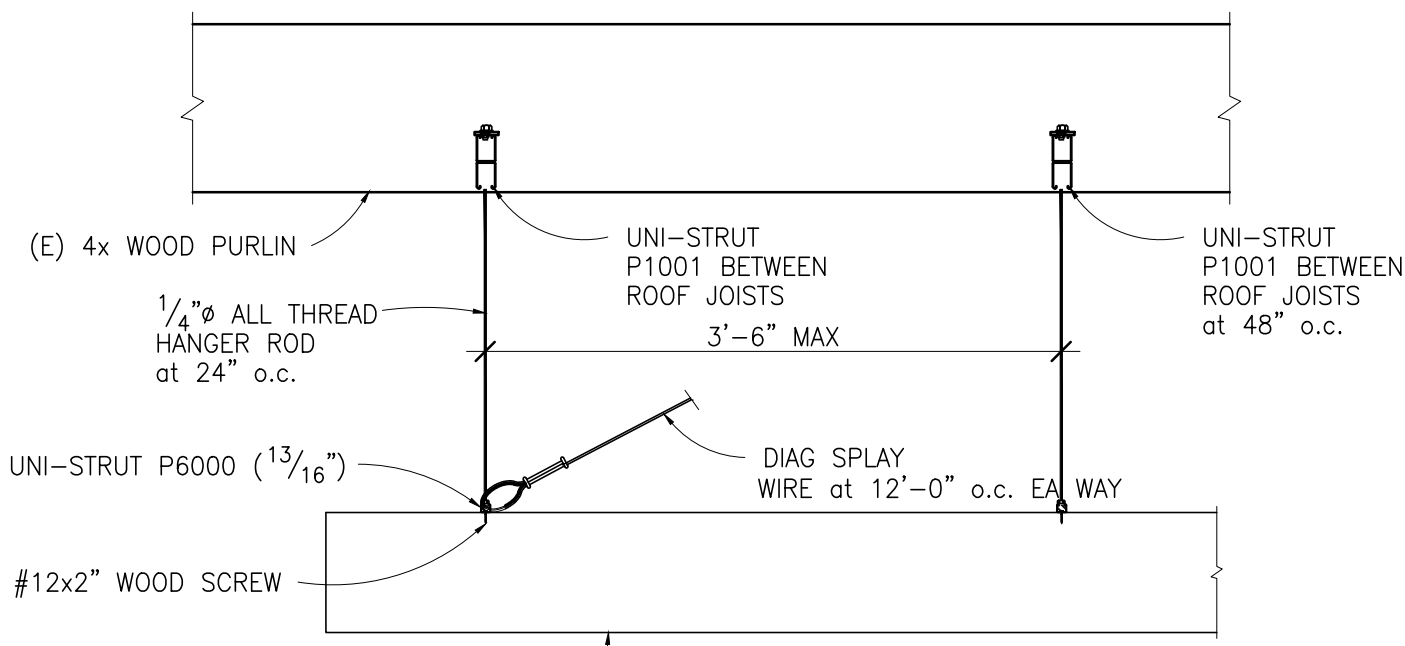
REVISIONS

02.03.25 LL Issue
03.18.25 LL Issue
05.19.25 Revision 1

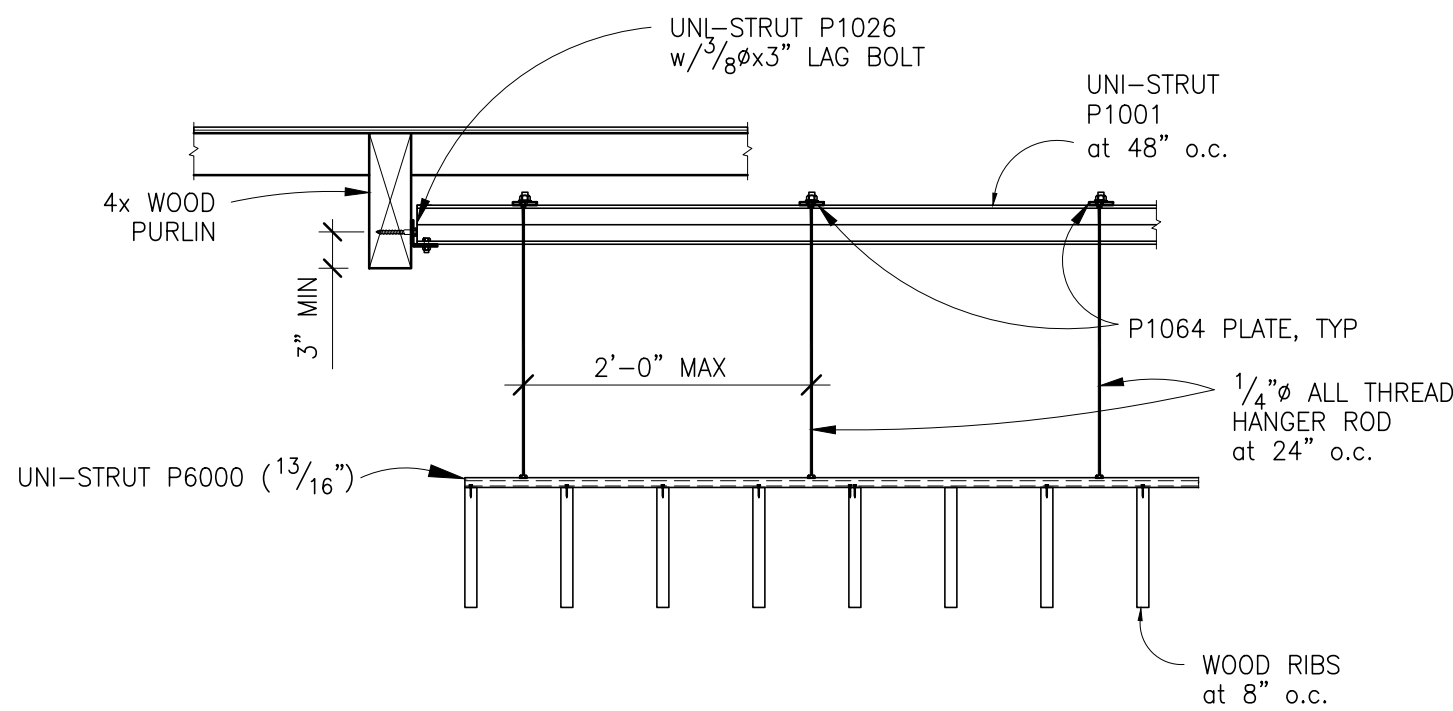
GENERAL NOTES, PLANS & DETAILS

SHEET NUMBER

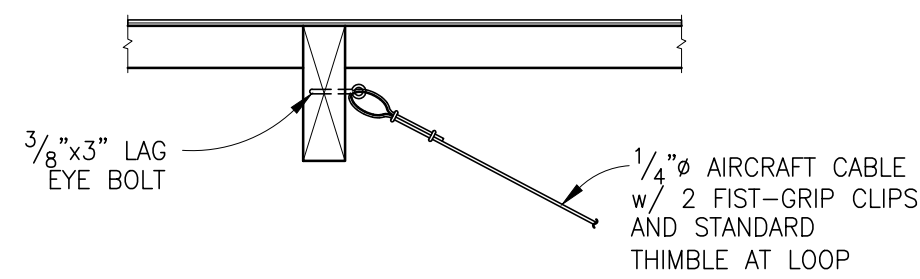
S100



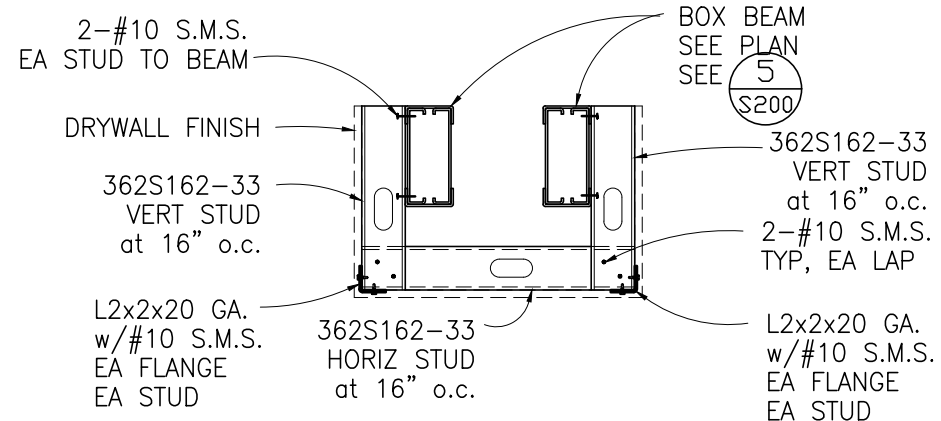
SECTION 7
3/4"=1'-0"



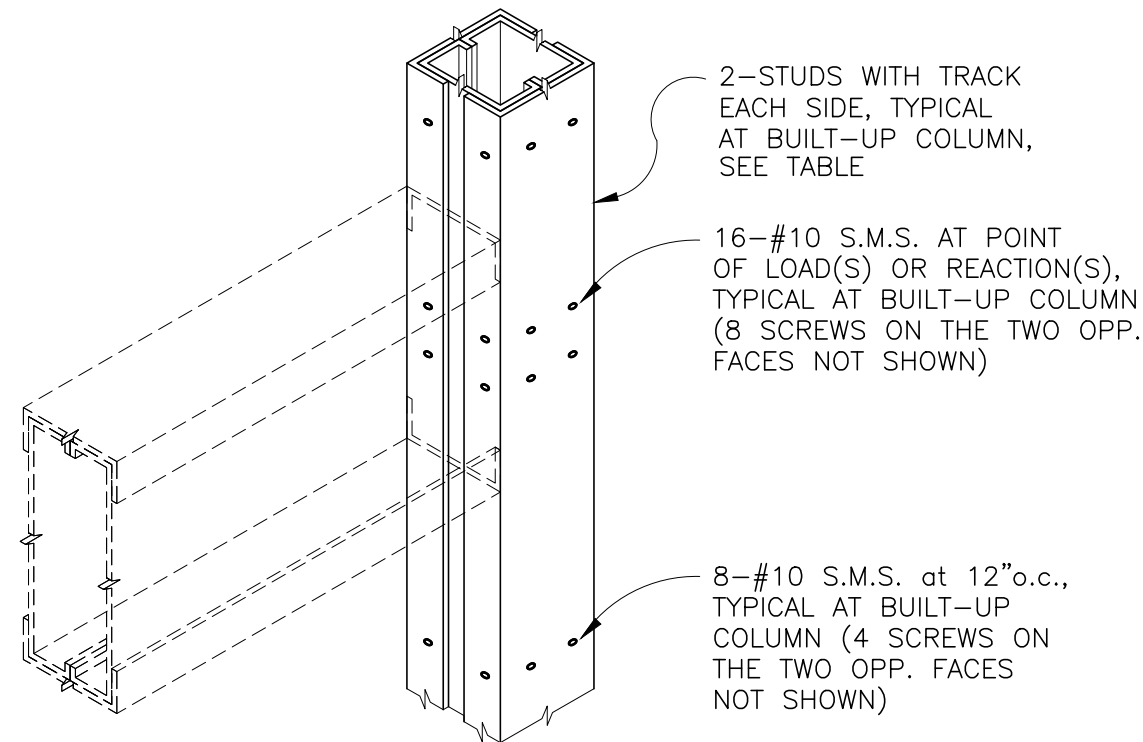
DETAIL 8
1-1/2"=1'-0"



DETAIL 10
1-1/2"=1'-0"

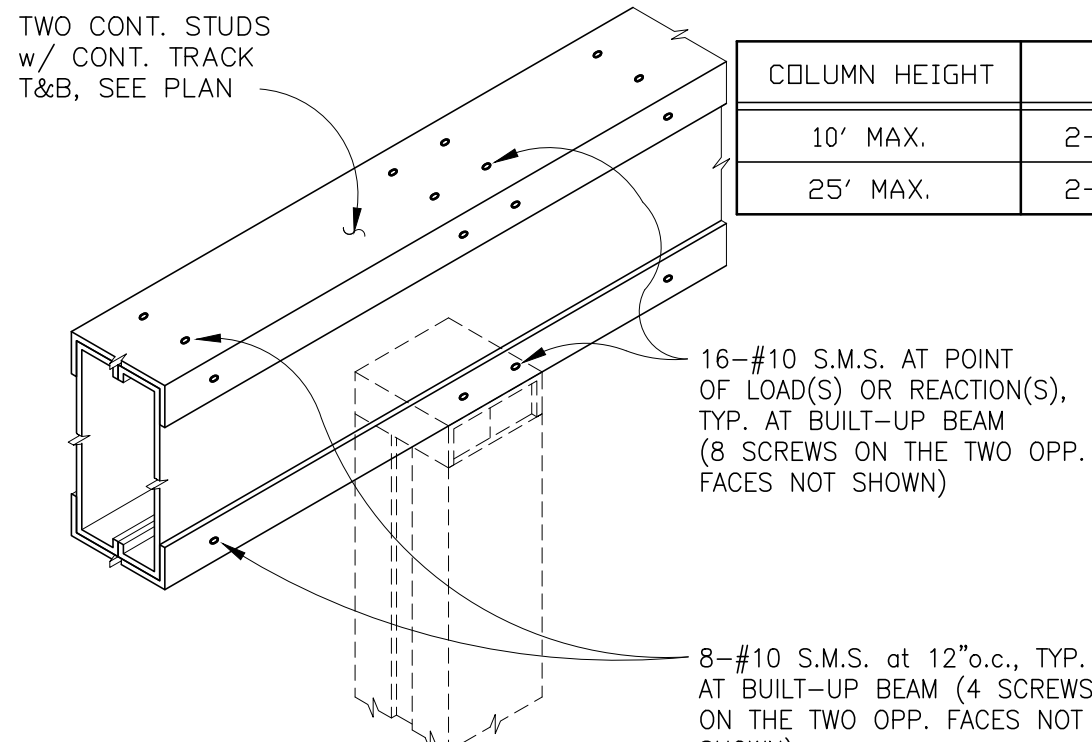


SECTION 9
1-1/2"=1'-0"



TYPICAL BUILT-UP COLUMN

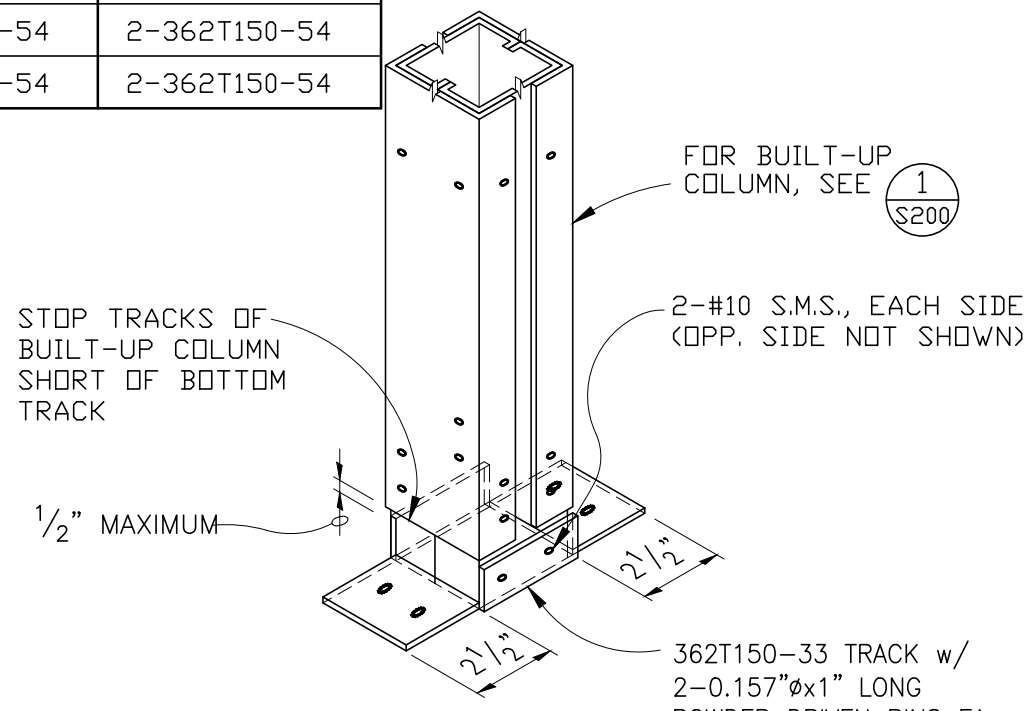
DETAIL 6
N.T.S.



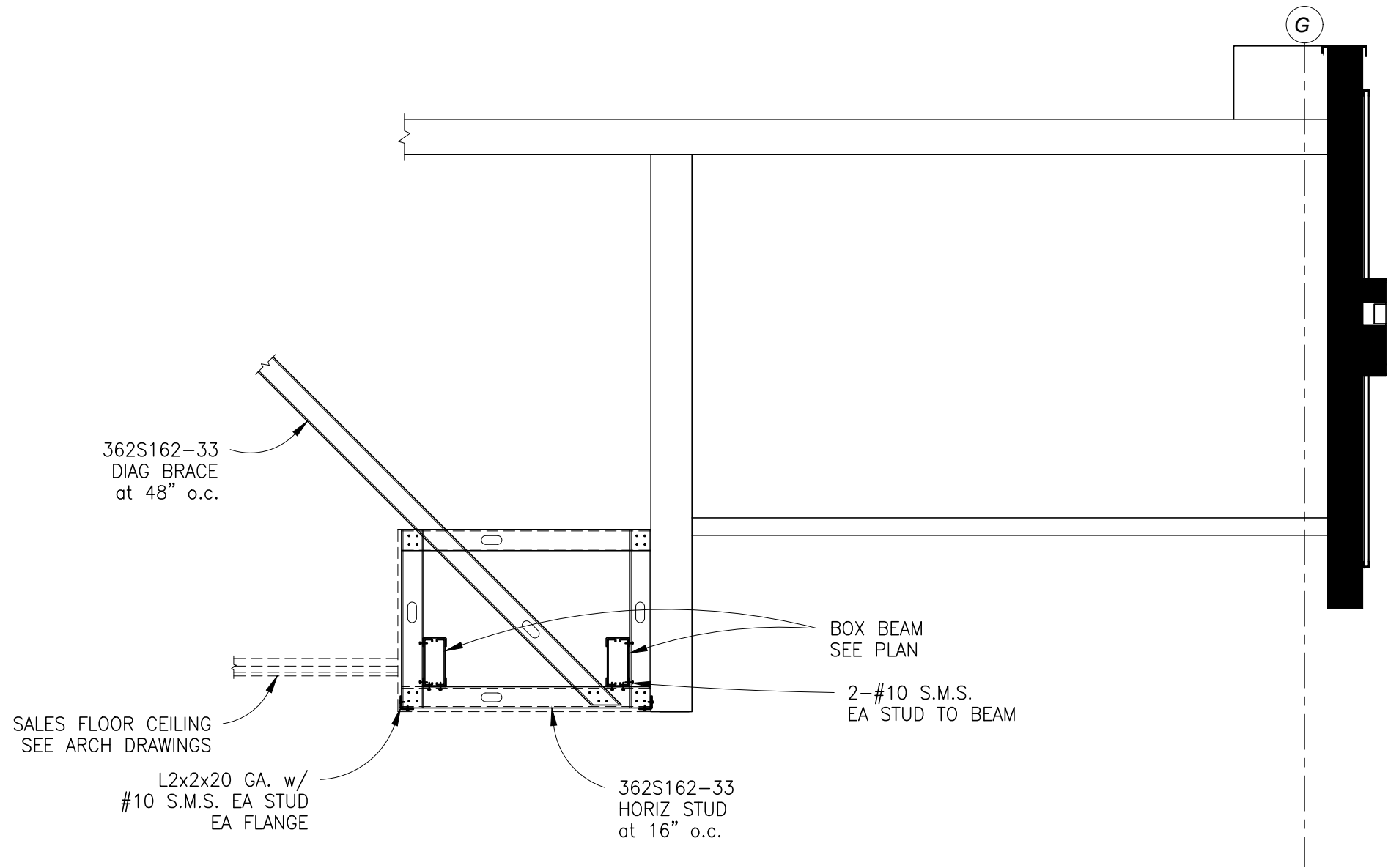
TYPICAL BUILT-UP BEAM

DETAIL 5
N.T.S.

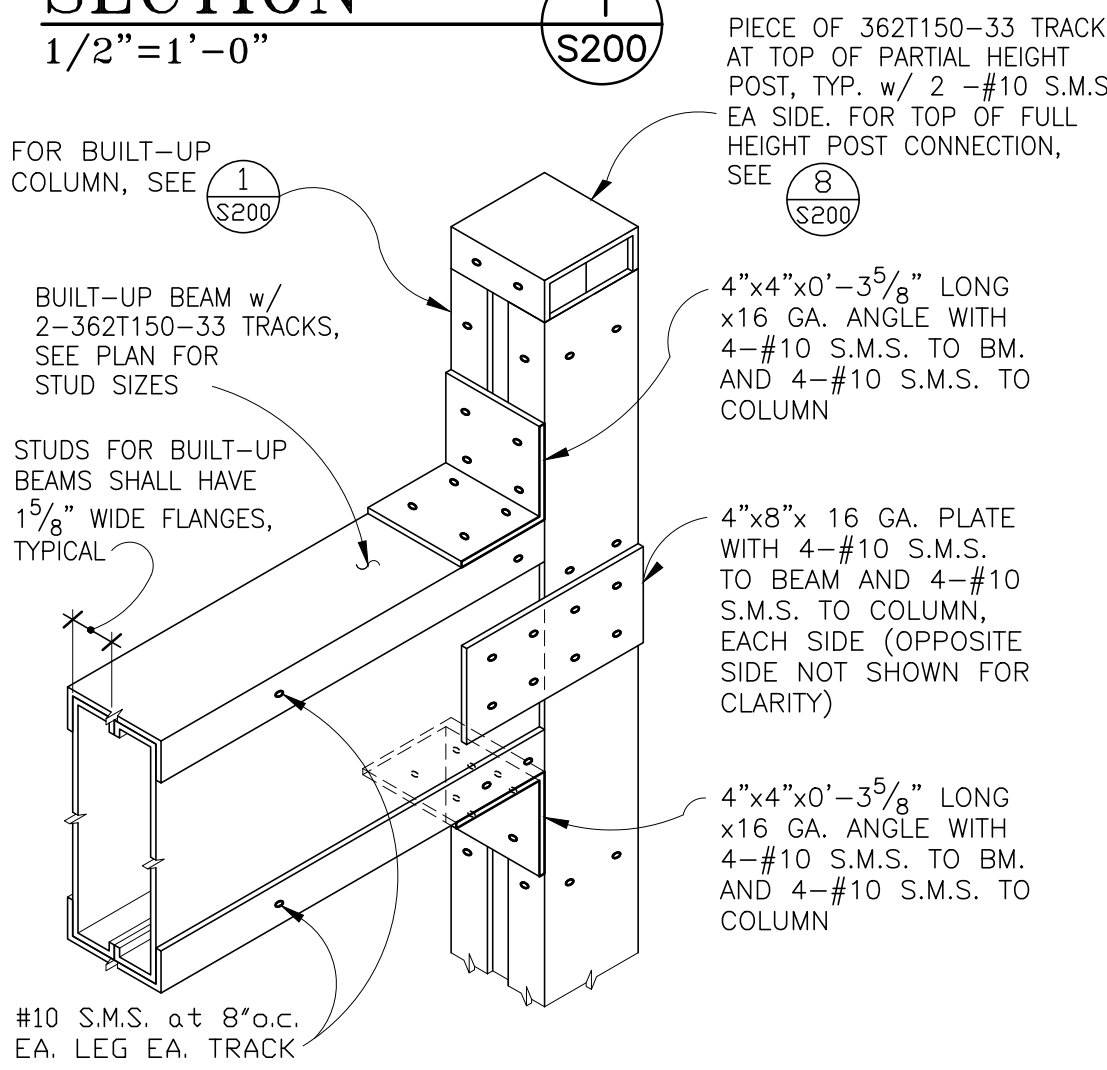
COLUMN HEIGHT	STUDS	TRACKS
10' MAX.	2-362S162-54	2-362T150-54
25' MAX.	2-362S162-54	2-362T150-54



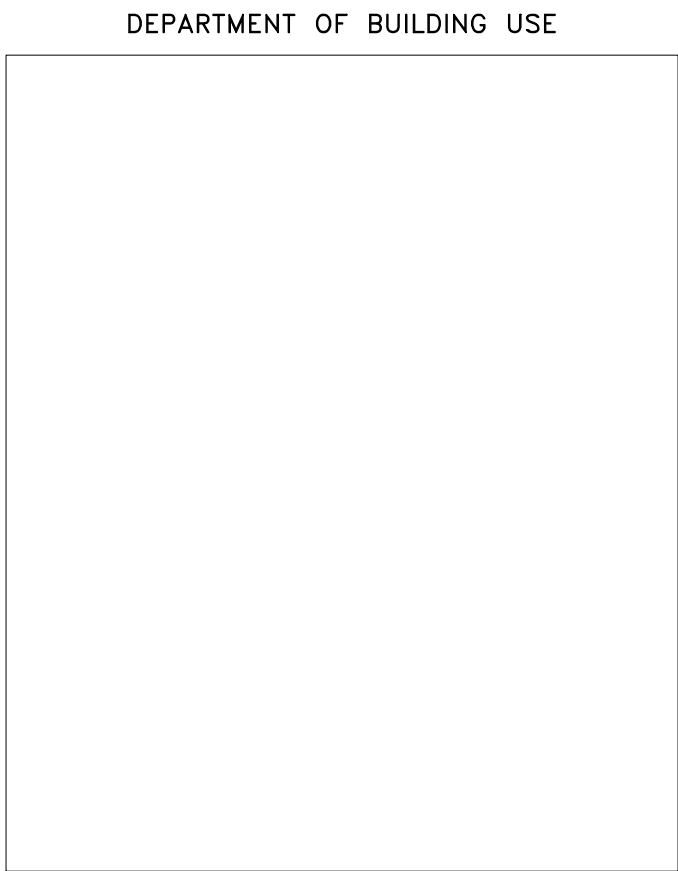
ISOMETRIC 4
1 1/2" = 1'-0"



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



DETAIL 3
1 1/2" = 1'-0"



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RMJ
Robinson
Meier
Juilly & Associates
Structural Engineers
1 Northwood Drive, #3
Orinda CA 94661
Tel: 925.951.0077
www.rmja.com



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03.18.25 LL Issue
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SECTIONS & DETAILS

SHEET NUMBER

S200