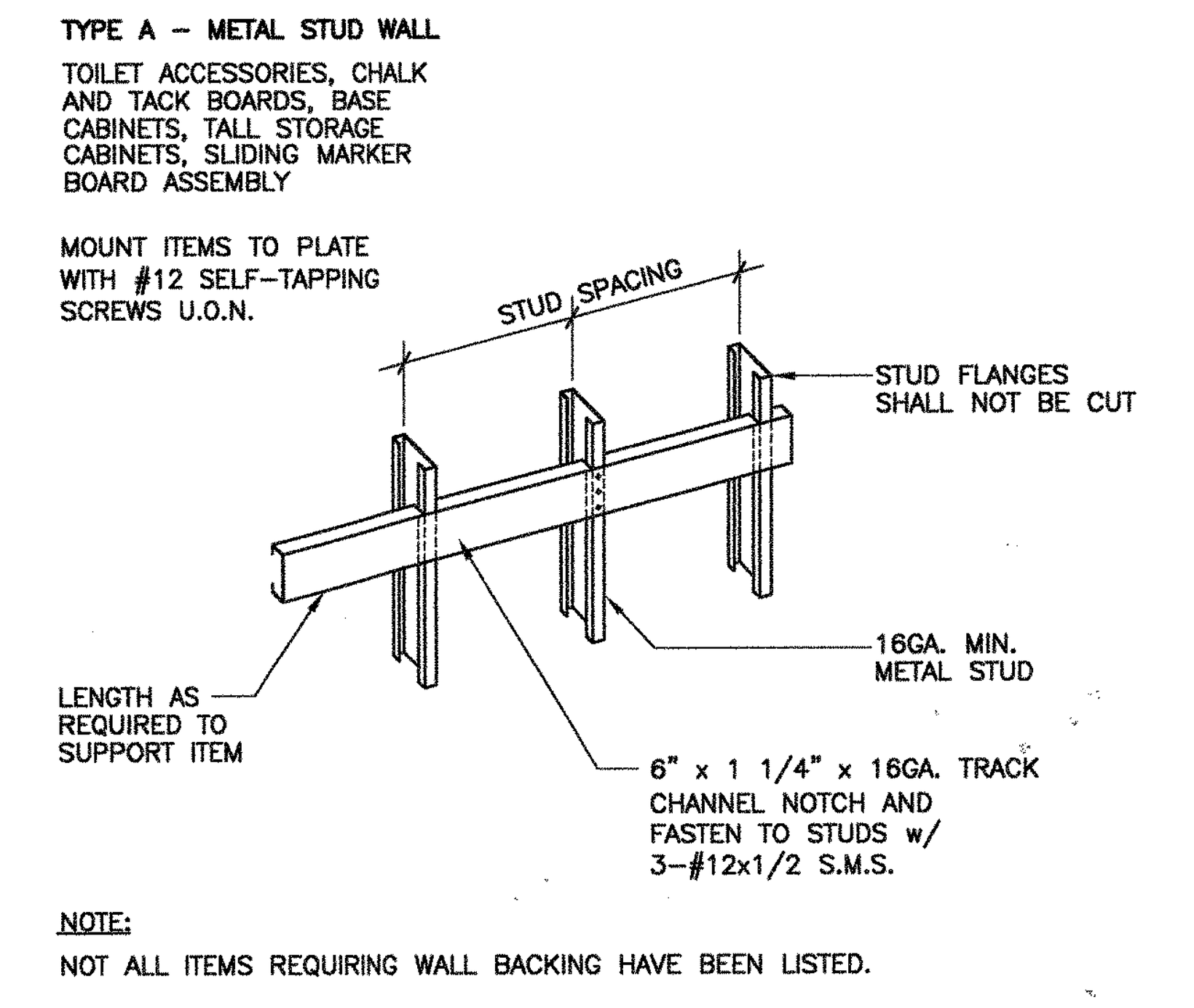
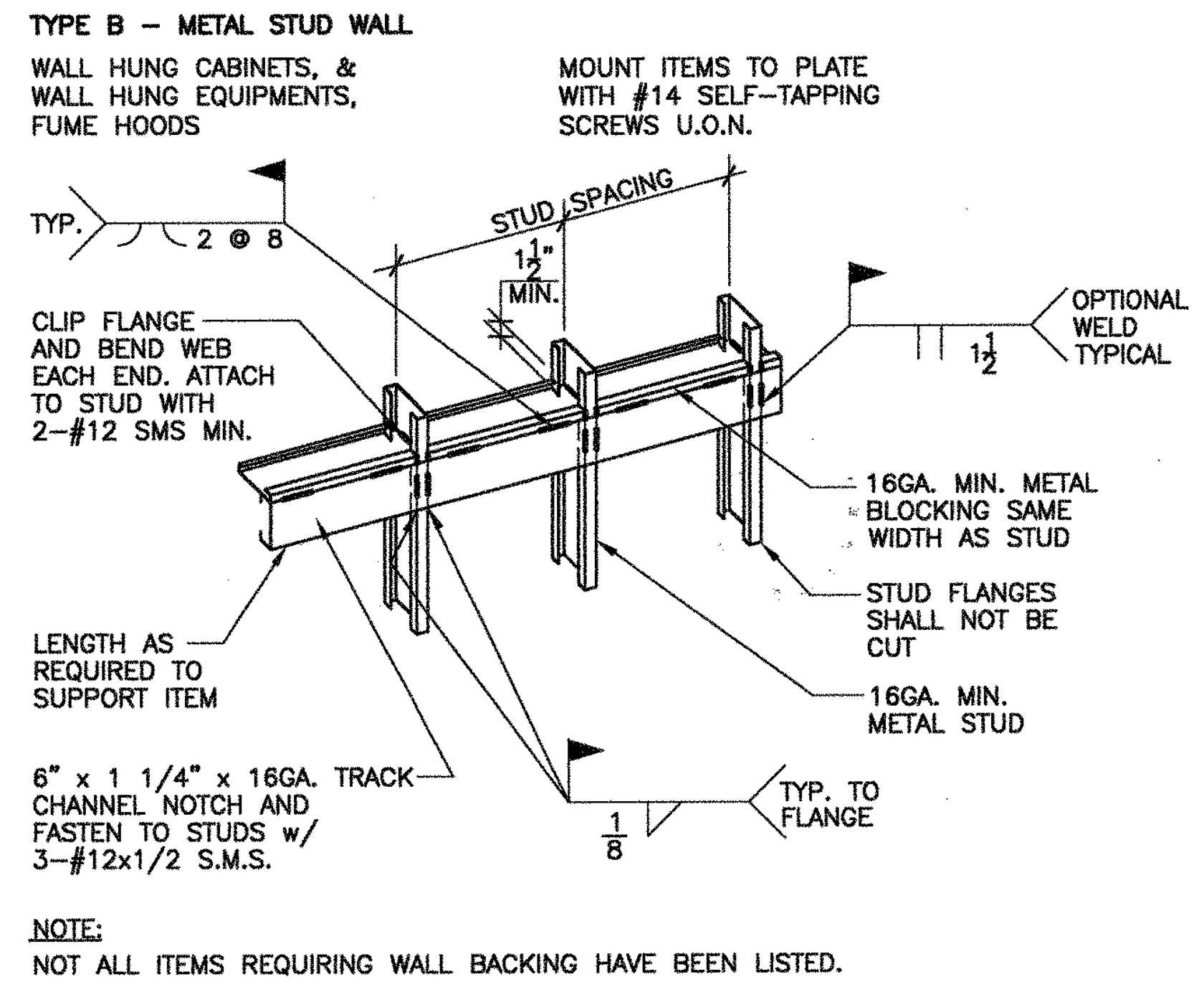
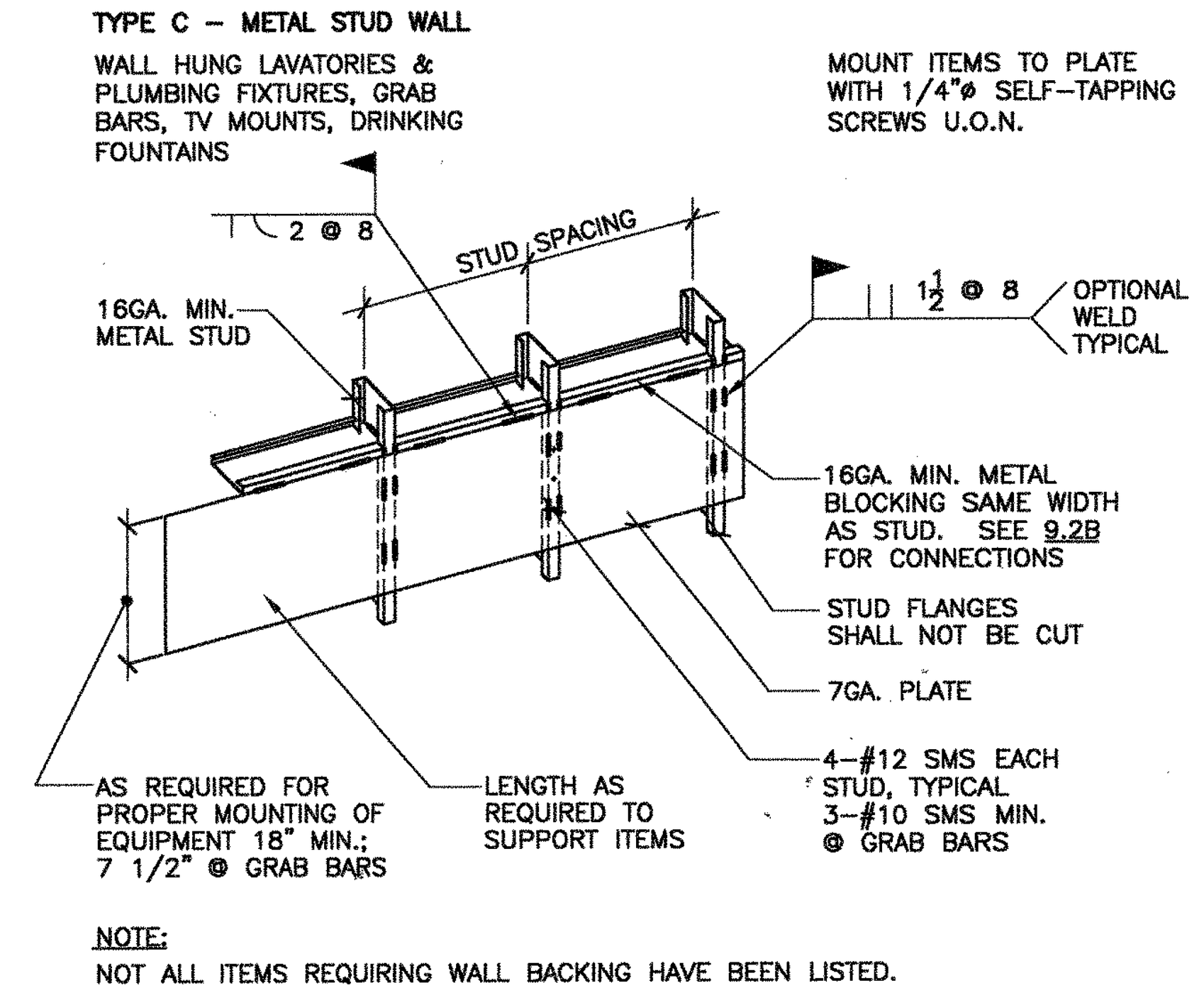


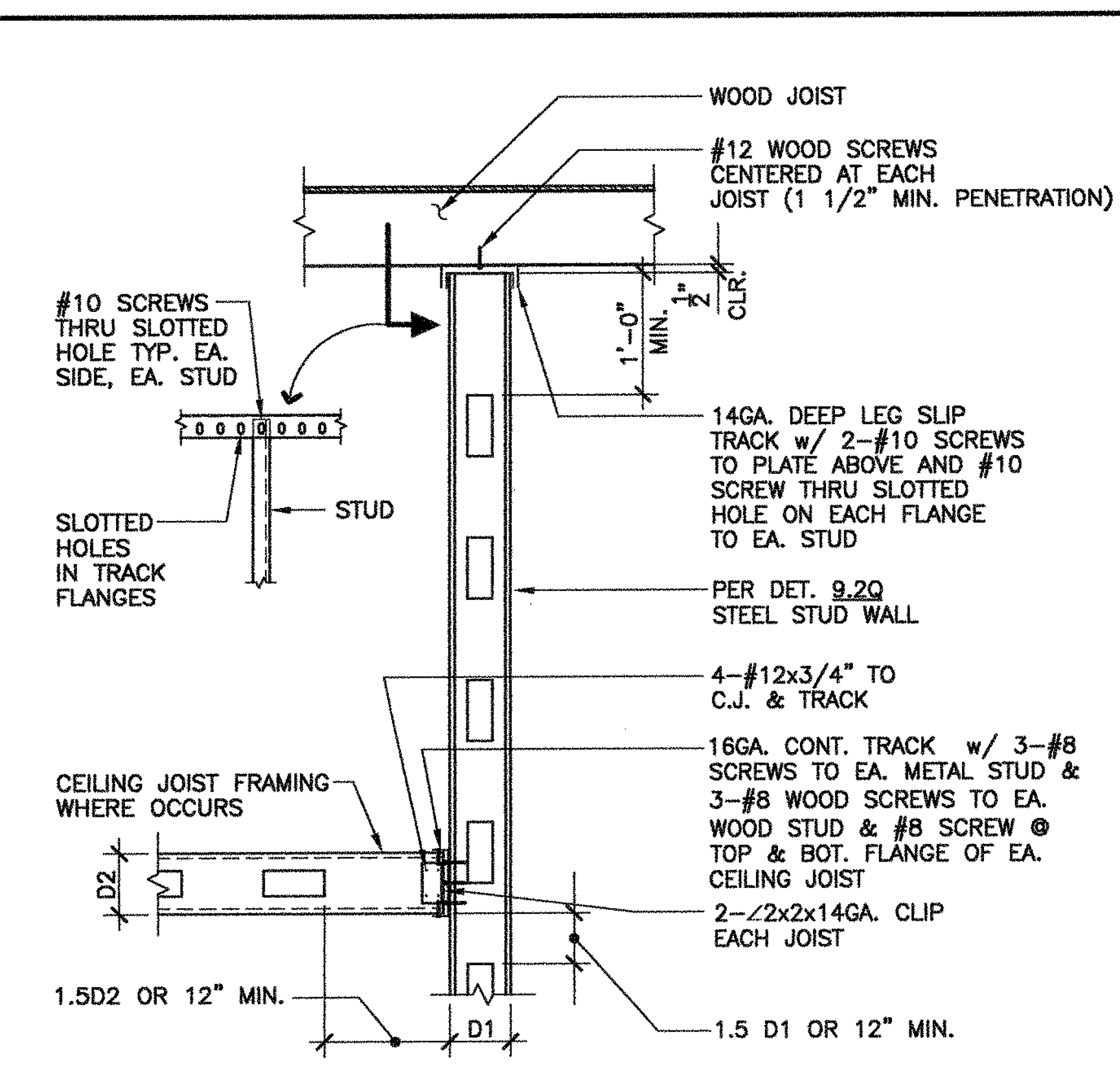
9.2A BACKING PLATE SCHEDULE 1/2"=1'-0"



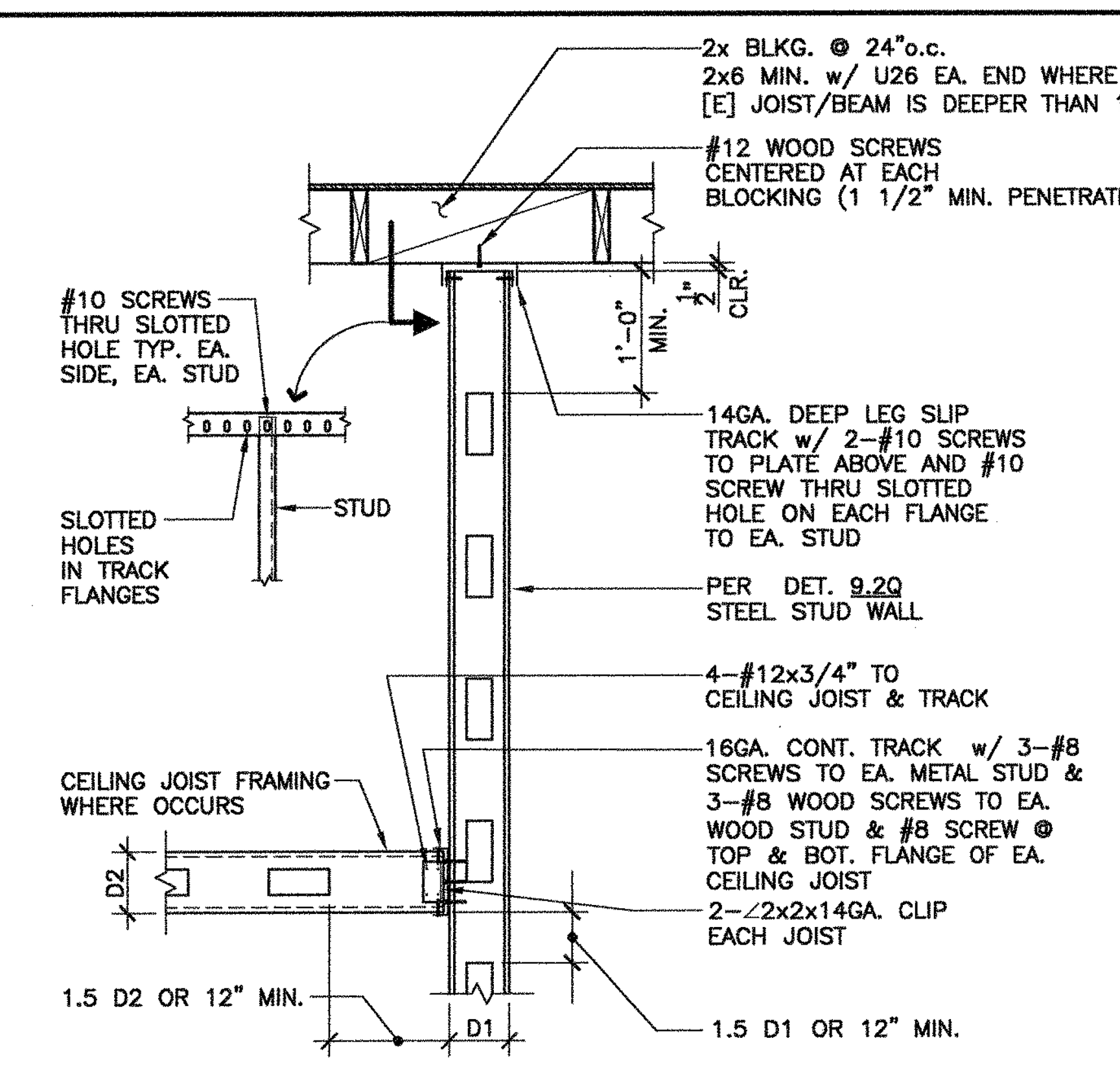
9.2B BACKING PLATE SCHEDULE 1/2"=1'-0"



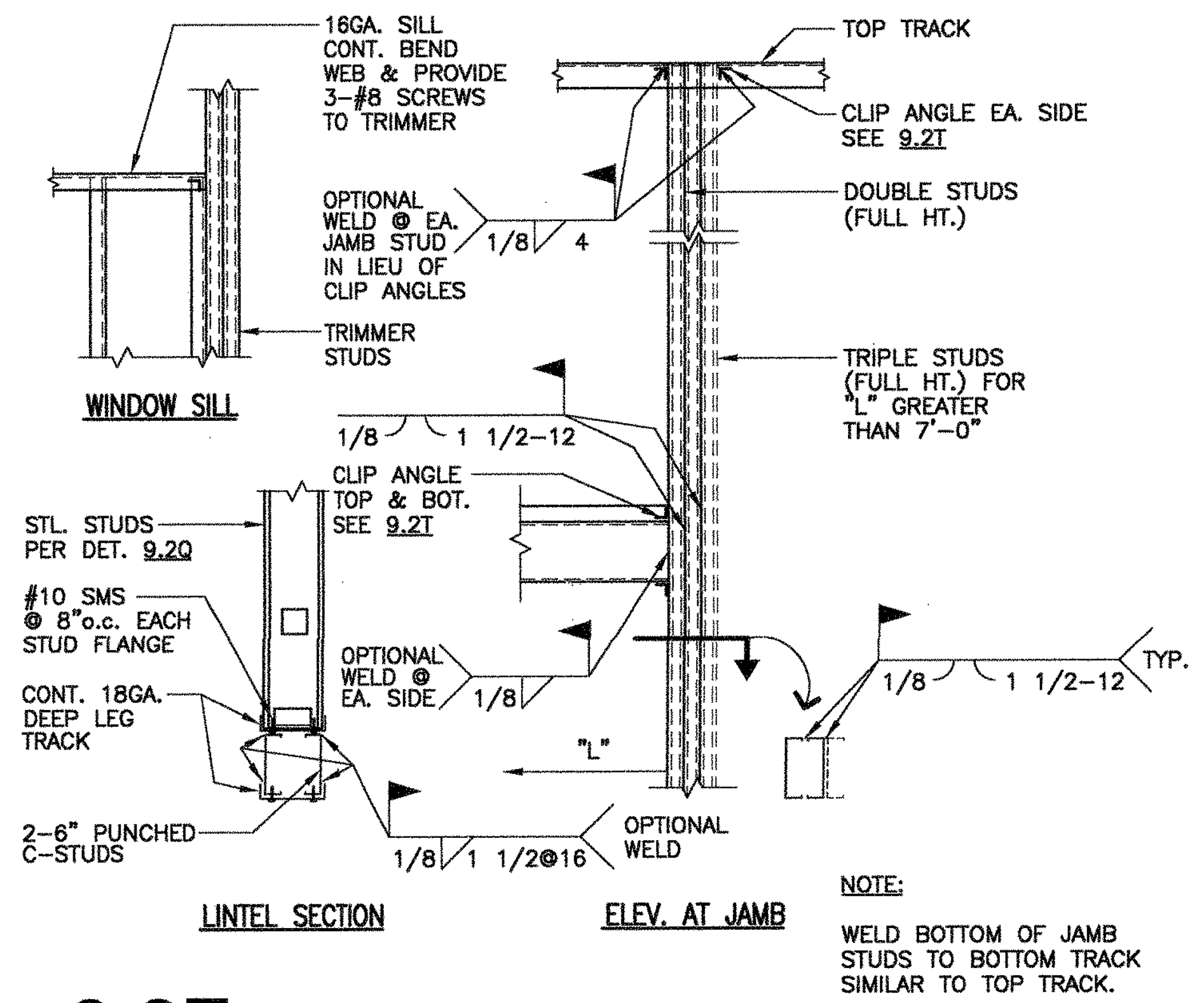
9.2C BACKING PLATE SCHEDULE 1/2"=1'-0"



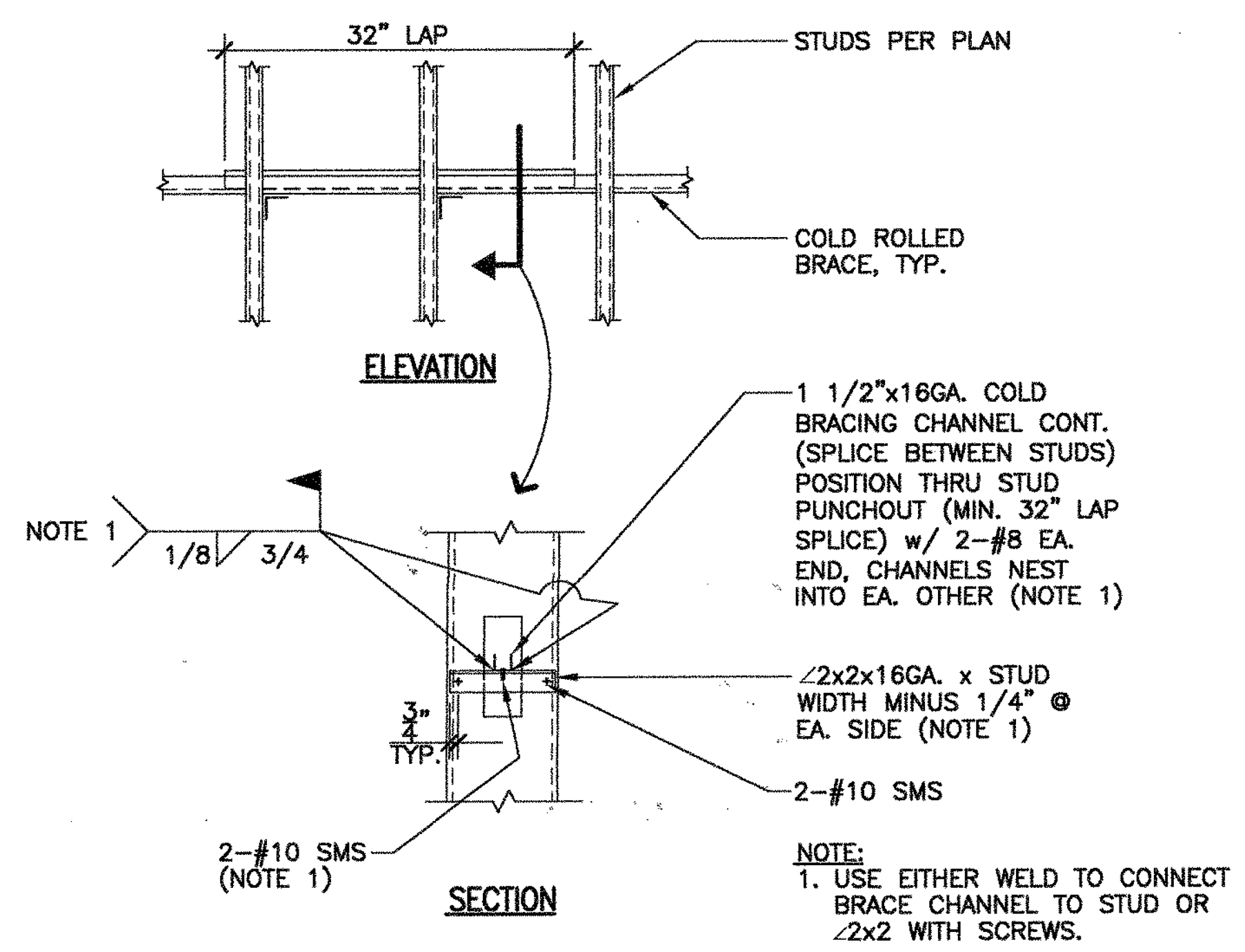
9.2D TYPICAL WALL TO CEILING AND WALL TO FLOOR/ROOF CONNECTION 3/4"=1'-0"



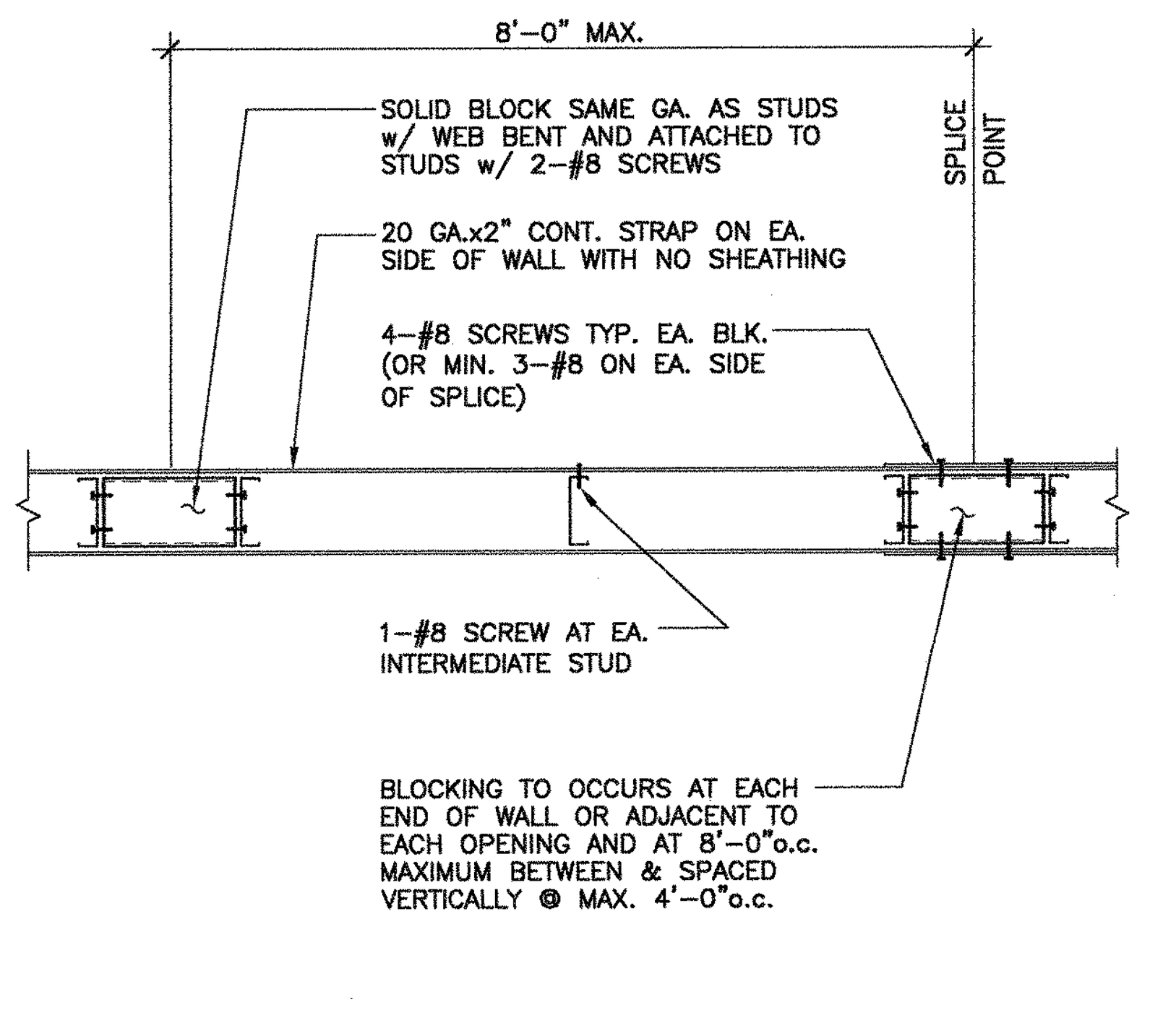
9.2E TYPICAL WALL TO CEILING AND WALL TO FLOOR/ROOF CONNECTION 3/4"=1'-0"



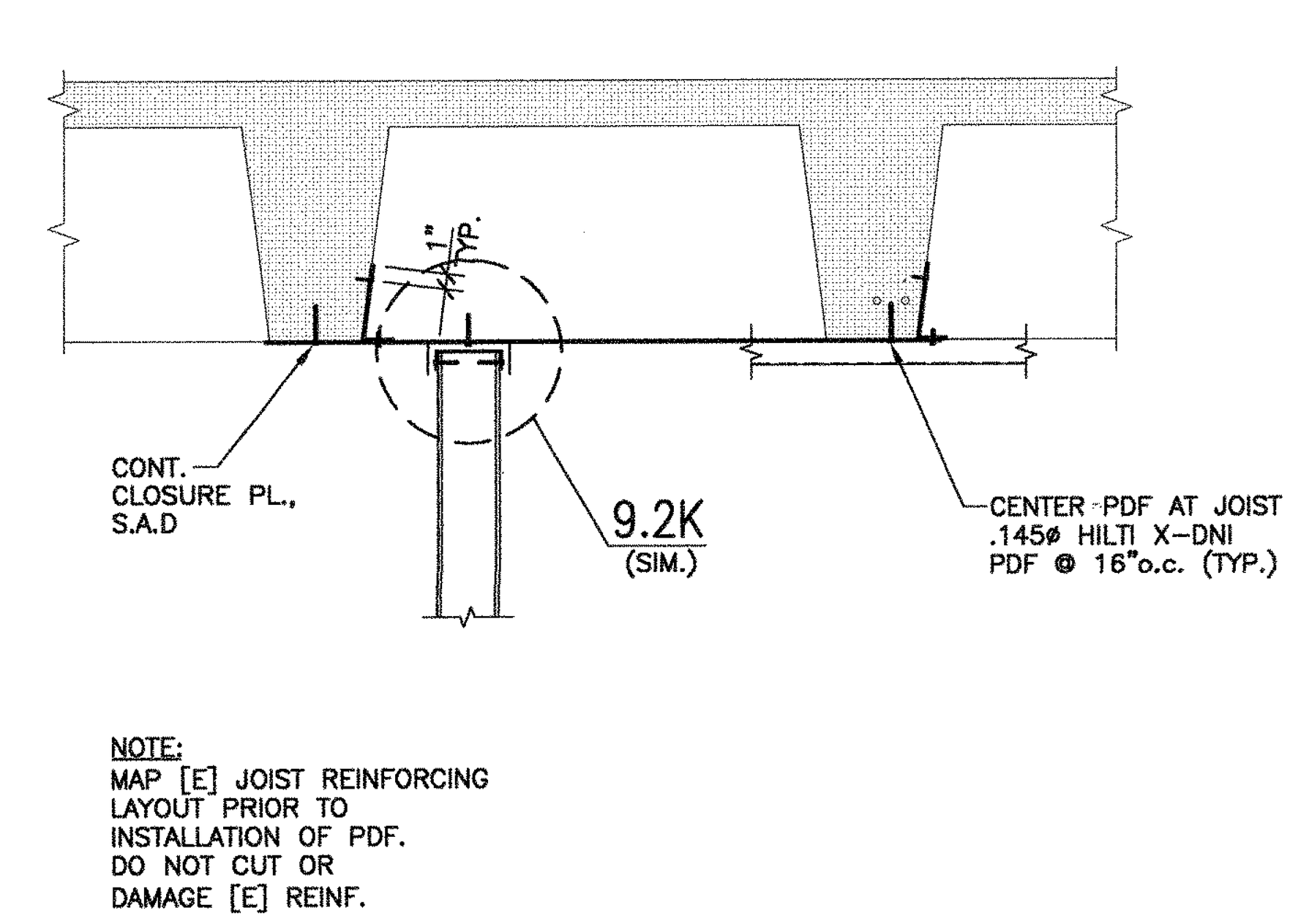
9.2F LINTEL SECTION 3/4"=1'-0"



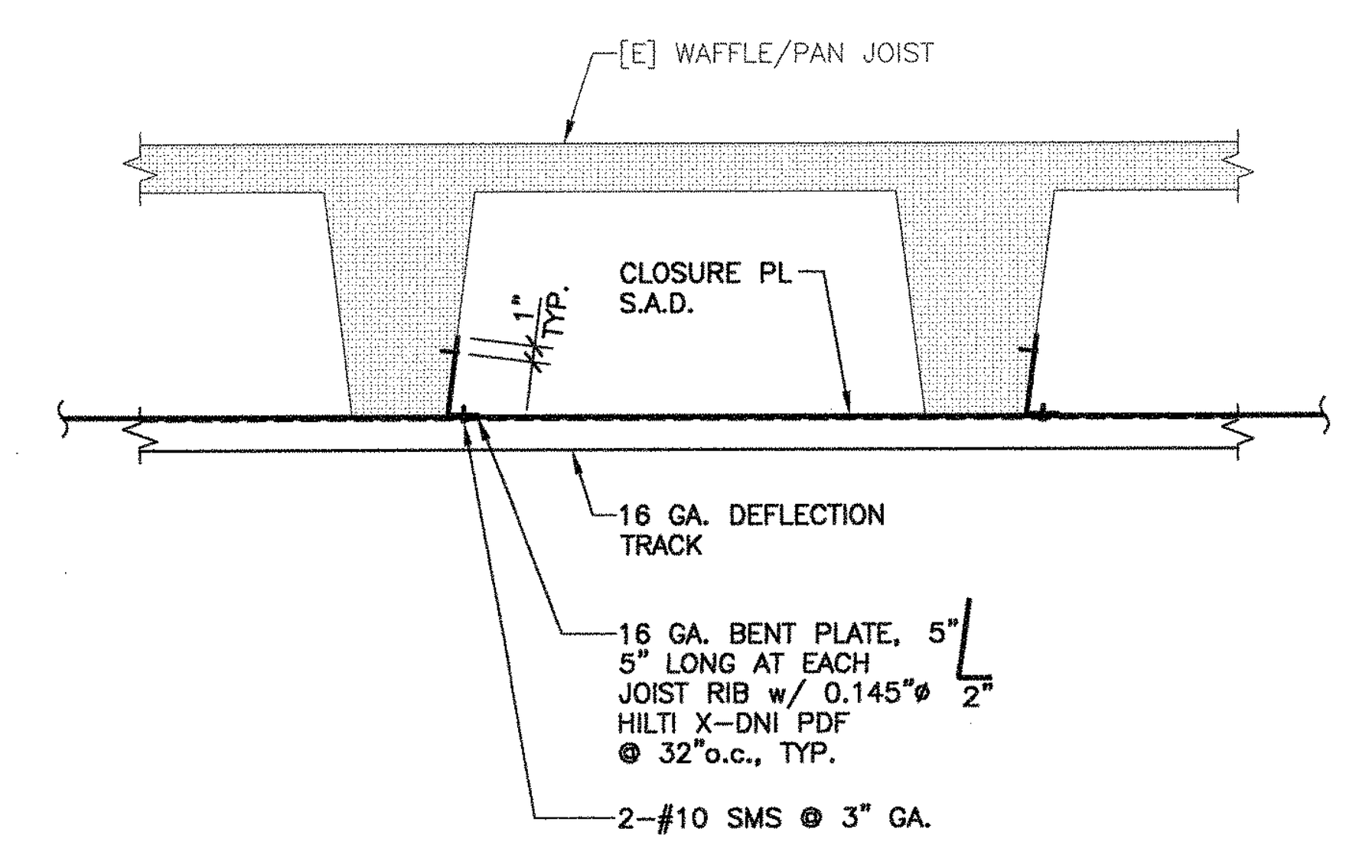
9.2G STUD LATERAL BRIDGING 3/4"=1'-0"



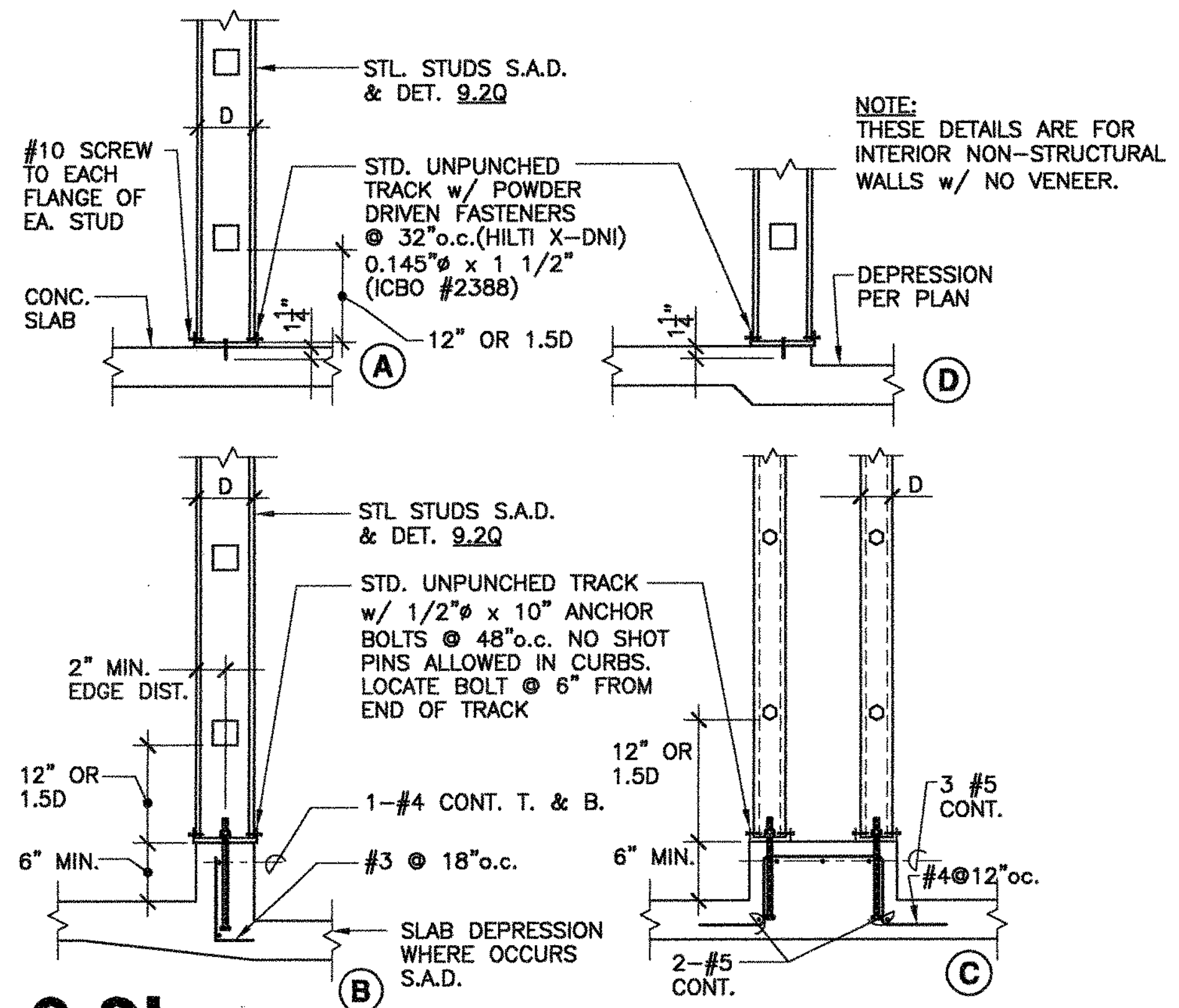
9.2H TYPICAL WALL AND CEILING BRIDGING OR BLOCKING 3/4"=1'-0"



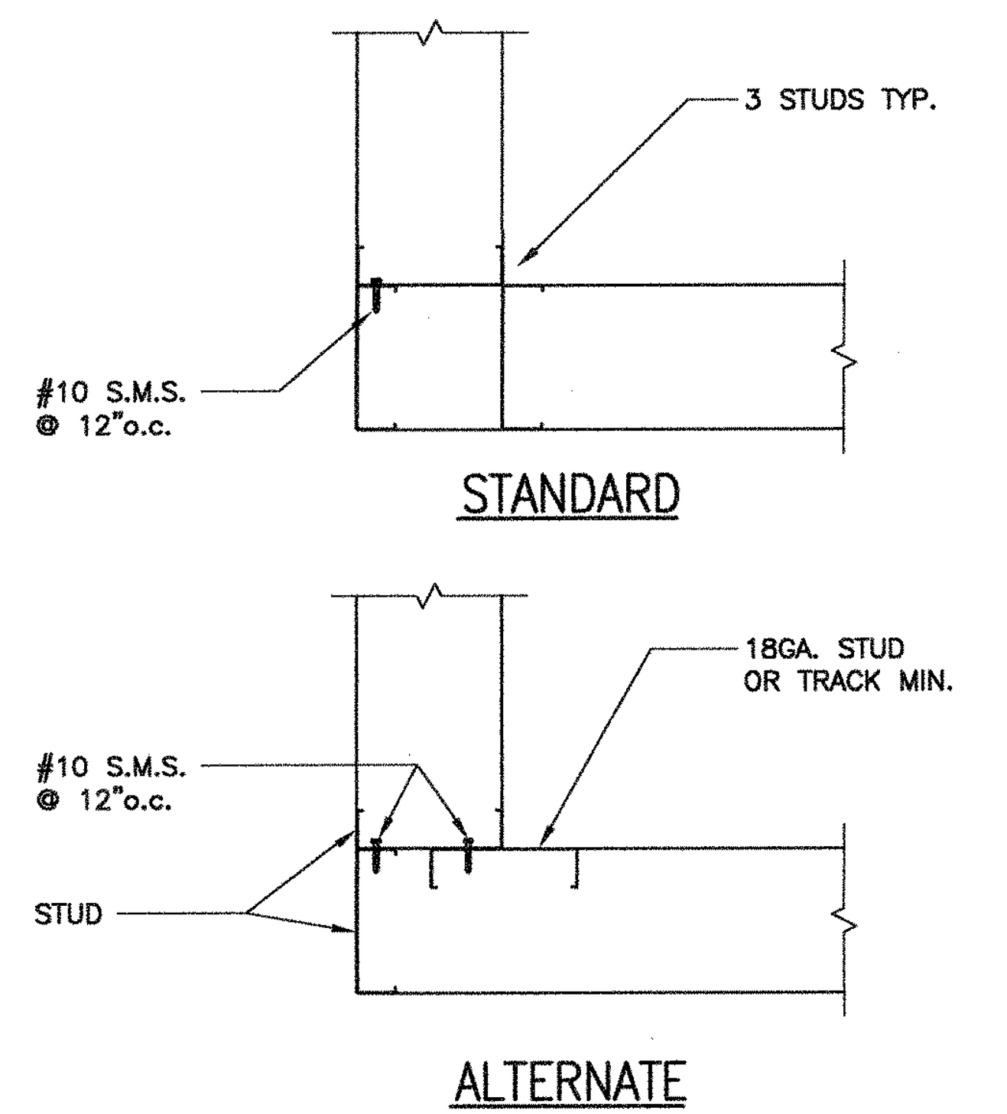
9.2J TYP. STUD WALL TO [E] WAFFLE SLAB CONNECTION 1"=1'-0"



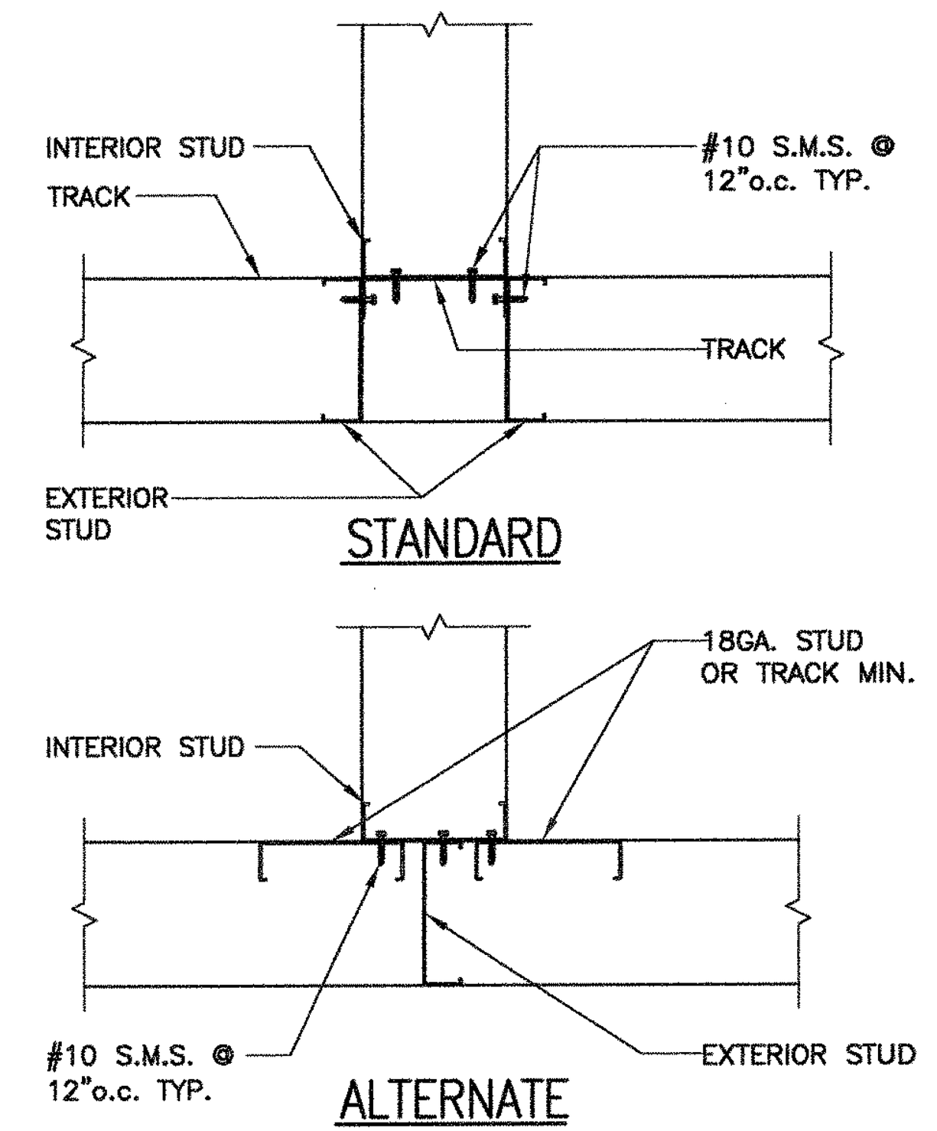
9.2K TYPICAL WALL TO WAFFLE/PAN JOIST CONNECTION 1"=1'-0"



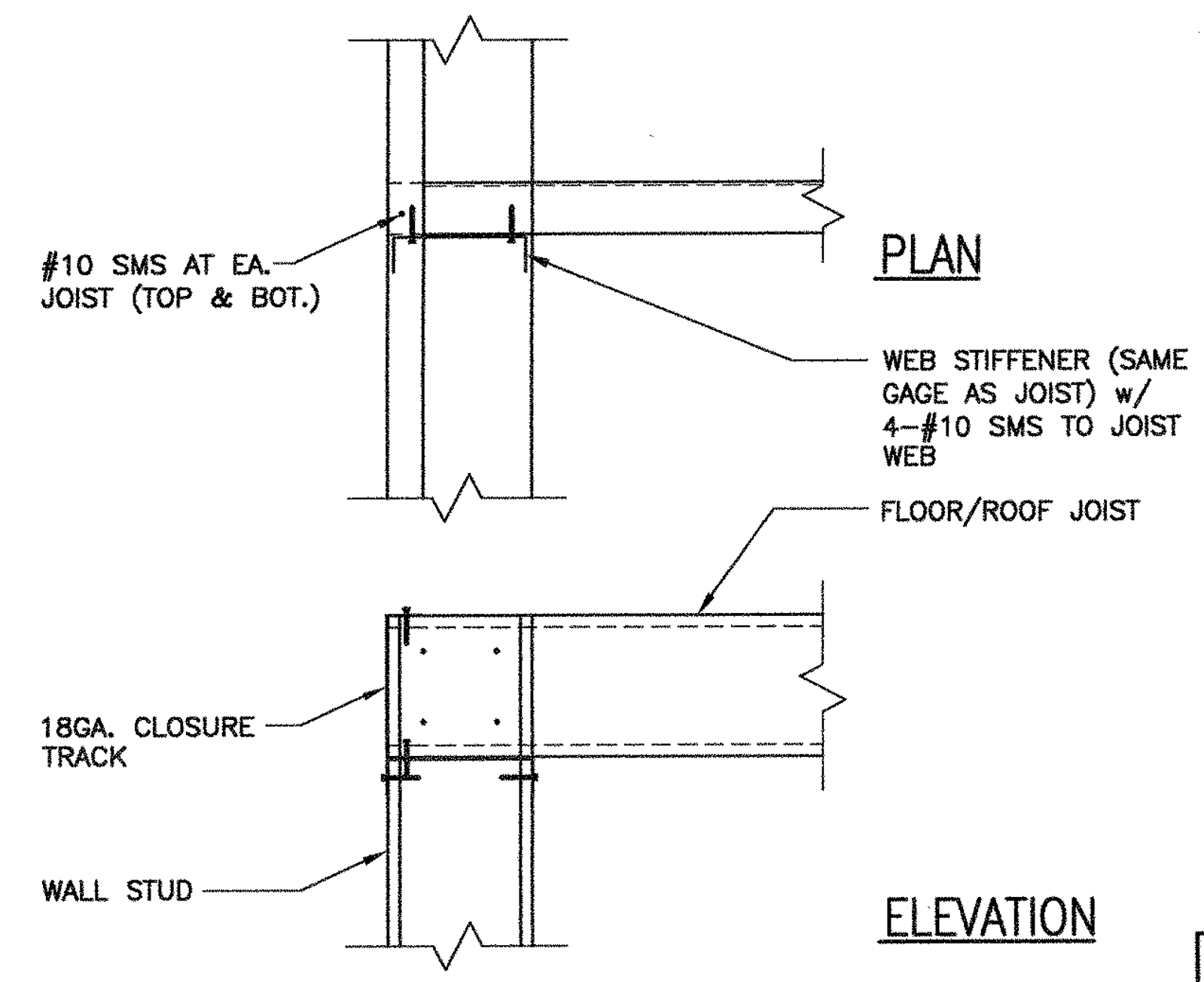
9.2L CONCRETE TO CONCRETE CURB 3/4"=1'-0"



9.2M TYPICAL WALL CORNER PLAN 1 1/2"=1'-0"



9.2N TYPICAL TEE INTERSECTION PLAN



9.2P TYPICAL WEB STIFFENER TO JOIST CONNECTION 1 1/2"=1'-0"

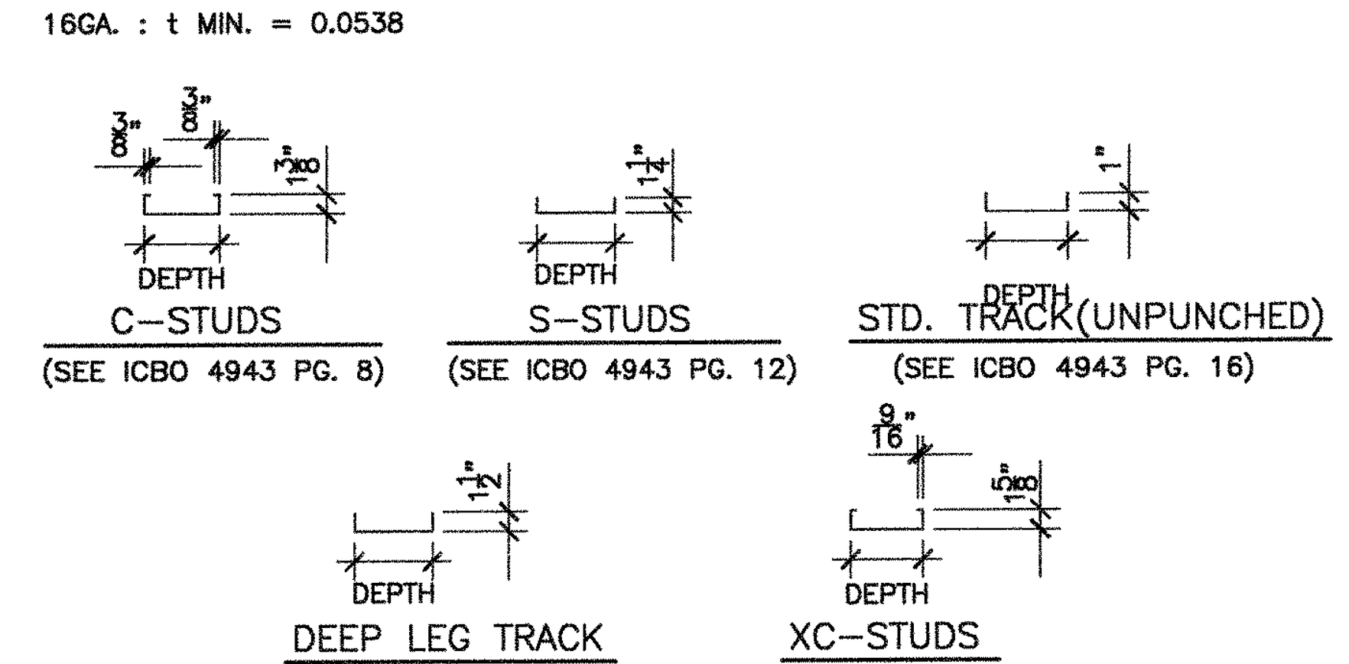
NOTES:

1. ALL STRUCTURAL STUD WALL FRAMING SHALL CONFORM TO ASTM A446 GRADE "A" WITH A MIN. YIELD STRENGTH OF 33,000 P.S.I. AS MANUFACTURED IN ACCORDANCE w/ I.C.B.O. NO. 4943, OR APPROVED EQUAL – 50 K.S.I. FOR 16GA. & HEAVIER MEMBERS.
2. ALL STUD, TRACK, AND BRIDGING CONNECTIONS SHALL BE WELDED BY CERTIFIED WELDERS.
3. ALL STRUCTURAL METAL STUDS SHALL BE 18GA. UNLESS OTHERWISE OTHERWISE, WITH MIN. SECTION PROPERTIES AS FOLLOWS,
4. SEE DET. 9.2A TO 9.2F, DET. 9.2H, & DET. 9.2N TO 9.2U FOR STUD WALL FRAMING DETAILS.
5. BRIDGE STUD WALL AT MAX. 4'-0"o.c. WALLS TO RECEIVE FINISH ON BOTH SIDES PER DET. 9.2G. WALLS TO RECEIVE FINISH ON ONE SIDE OR ON FINISH SHALL BE BRACED PER DET. 9.2H
6. NO PUNCHOUT SHALL BE ALLOWED WITHIN 1.5d (d=STUD DEPTH) OF BOTTOM, TOP, OR REACTION POINT ALONG THE LENGTH OF STUD.
7. SEE ARCHITECTURAL PLANS FOR INTERIOR WALL FRAMING. (NO WELDING INSPECTION REQUIRED ON NON STRUCTURAL WALLS)
8. ALL BOLTS FOR HOLES SHALL BE 1/16" GREATER IN DIAMETER THAN BOLT DIAMETER.

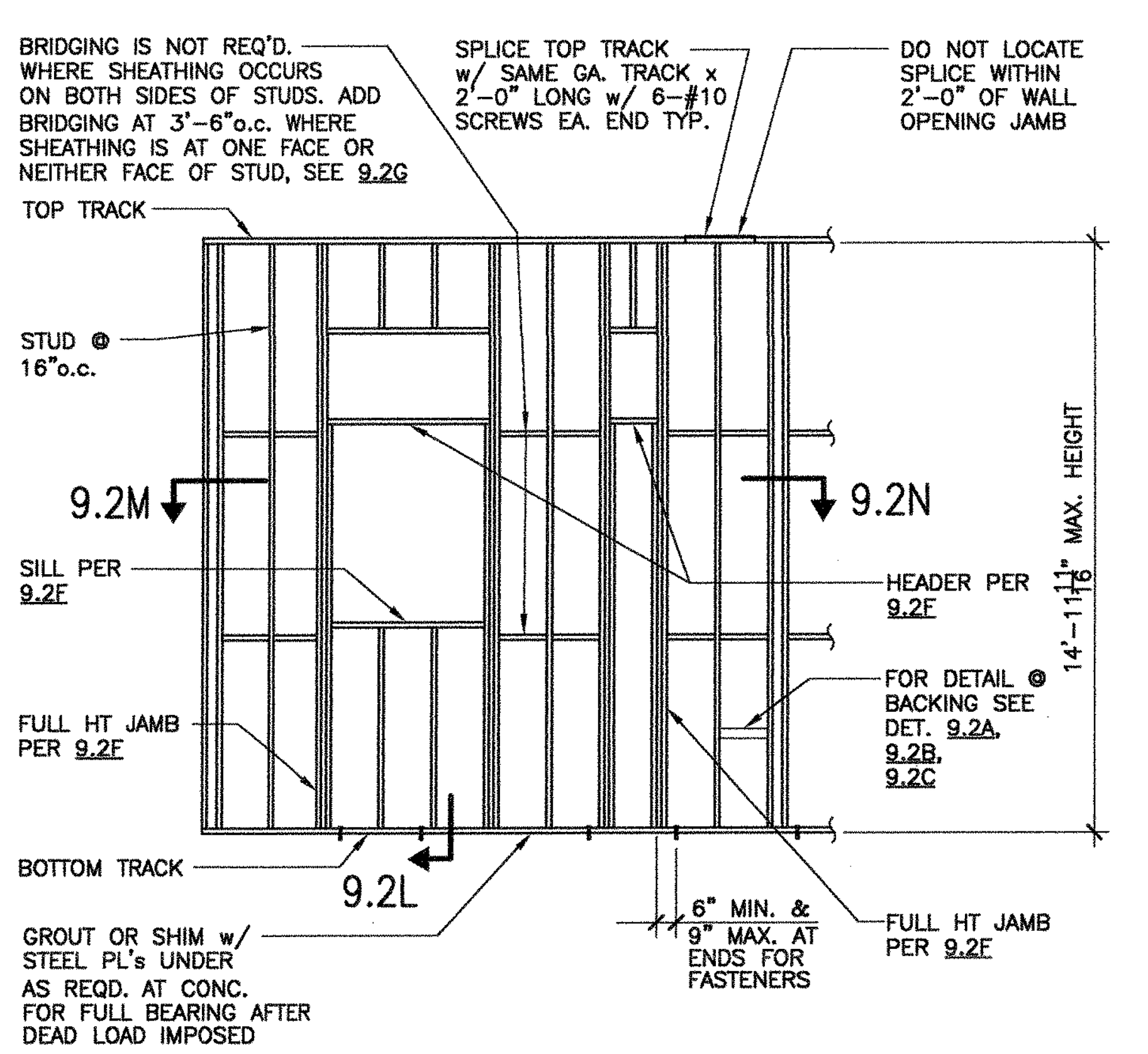
STEEL STUD PROPERTIES AND APPLICATION

				MAX. UNSUPPORTED LENGTH (NON BEARING)				
STUD OR TRACK	SP	DEPTH	GA.	EXT. WALL & INT. VENEERED WALL (4" THICK)	INTERIOR PARTITIONS	Ix GROSS	Sx	Iy
4" C–STUD	16"	4"	18	10'-0"	15'-0"	0.769	0.378	0.077
6" C–STUD	16"	6"	18	14'-6"	20'-0"	2.026	0.665	0.086
3 5/8" C–STUD	16"	3 5/8"	20	–	16'-5"	0.421	0.232	0.037
3 5/8" C–STUD	16"	3 5/8"	18	10'-0"	18'-0"	0.610	0.331	0.074
2 1/2" TRACK		2 1/2"	16	–		0.270	0.178	0.023
3 5/8" TRACK		3 5/8"	16	–		0.624	0.296	0.026
4" TRACK		4"	16	–		0.785	0.341	0.026
6" TRACK		6"	16	–		2.081	0.624	0.028
8" XC–STUD		8"	16	–		5.809	1.452	0.205
6" C–STUD		6"	16	–		2.510	0.807	0.105

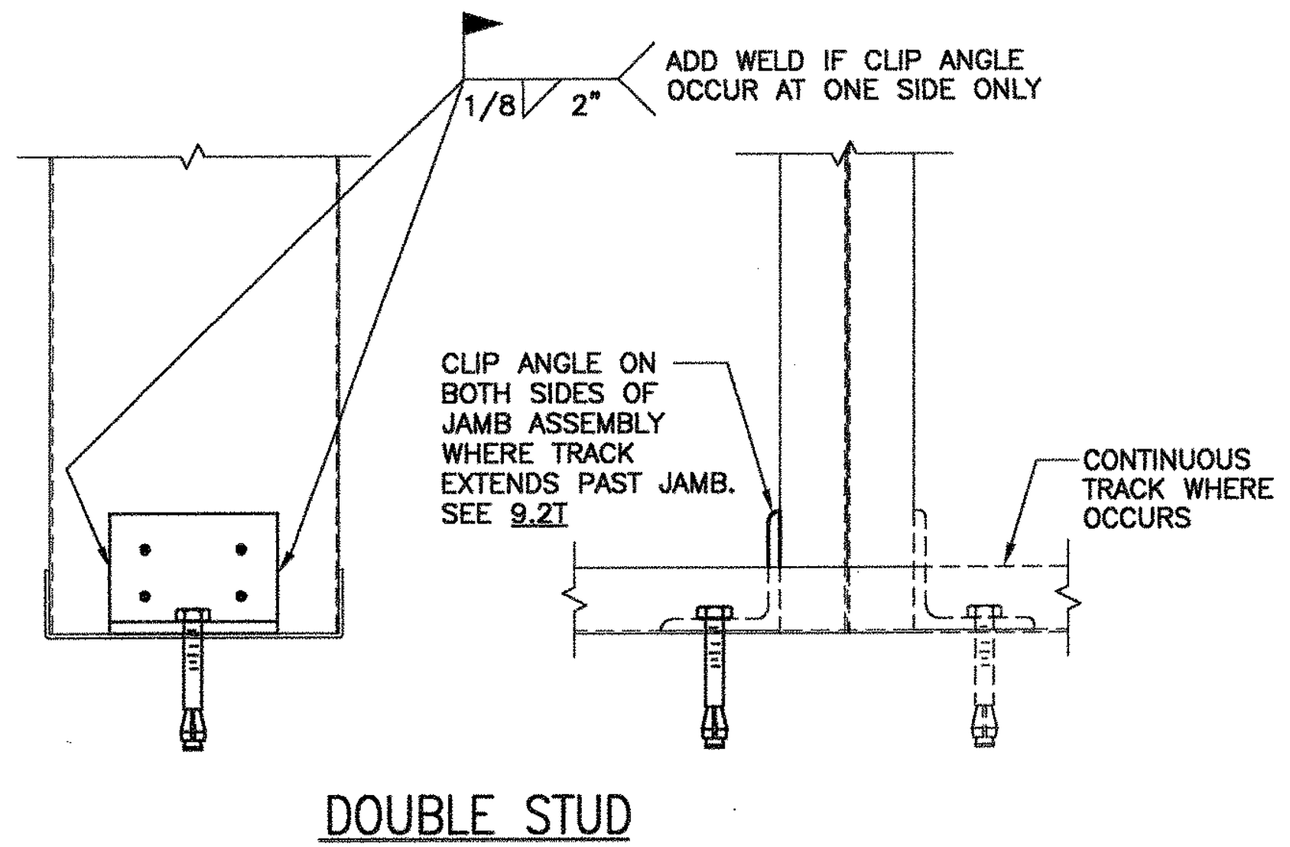
18GA. : t MIN. = 0.0428
16GA. : t MIN. = 0.0538



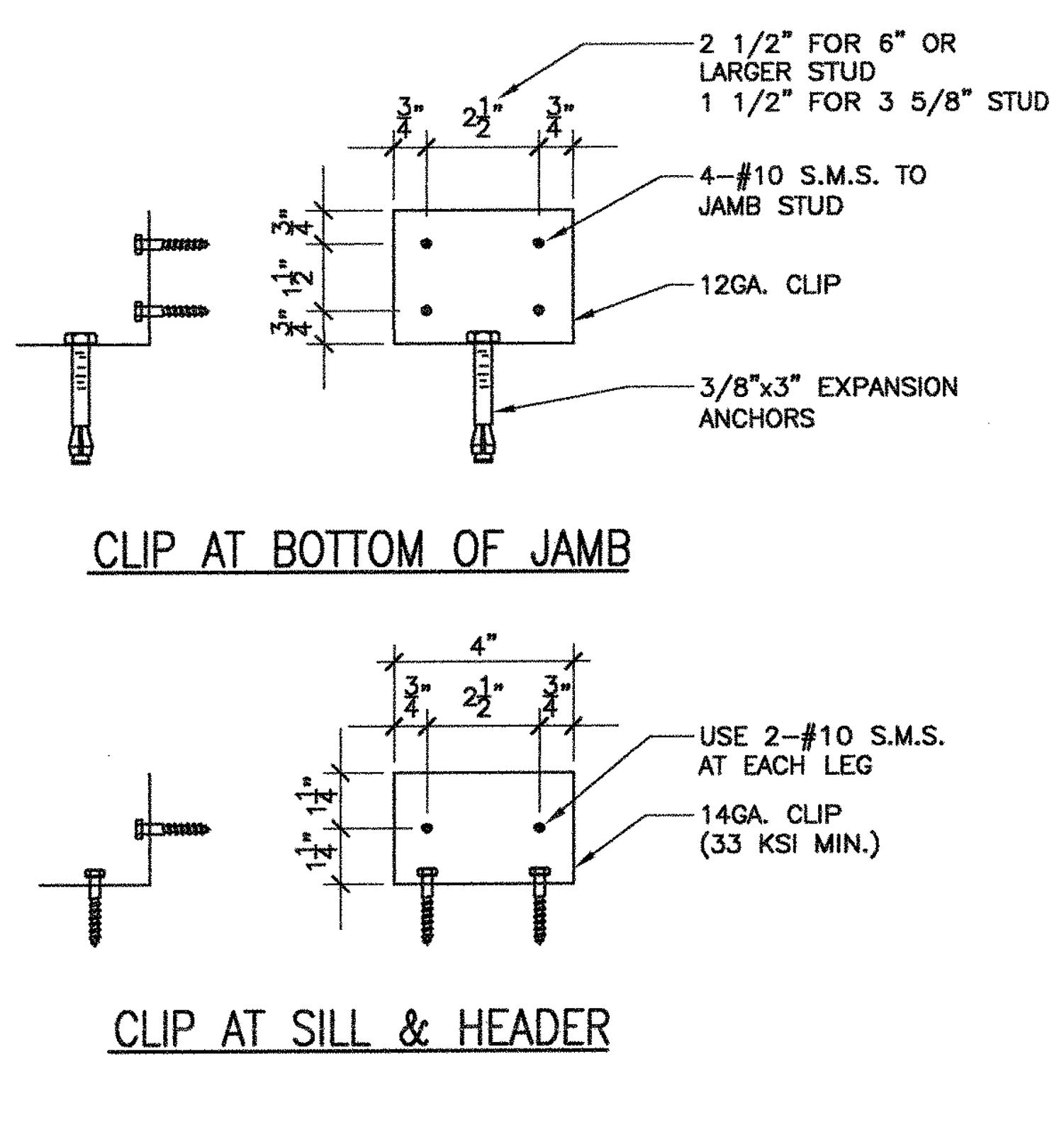
9.2Q COLD FORMED METAL FRAMING 3/4"=1'-0"



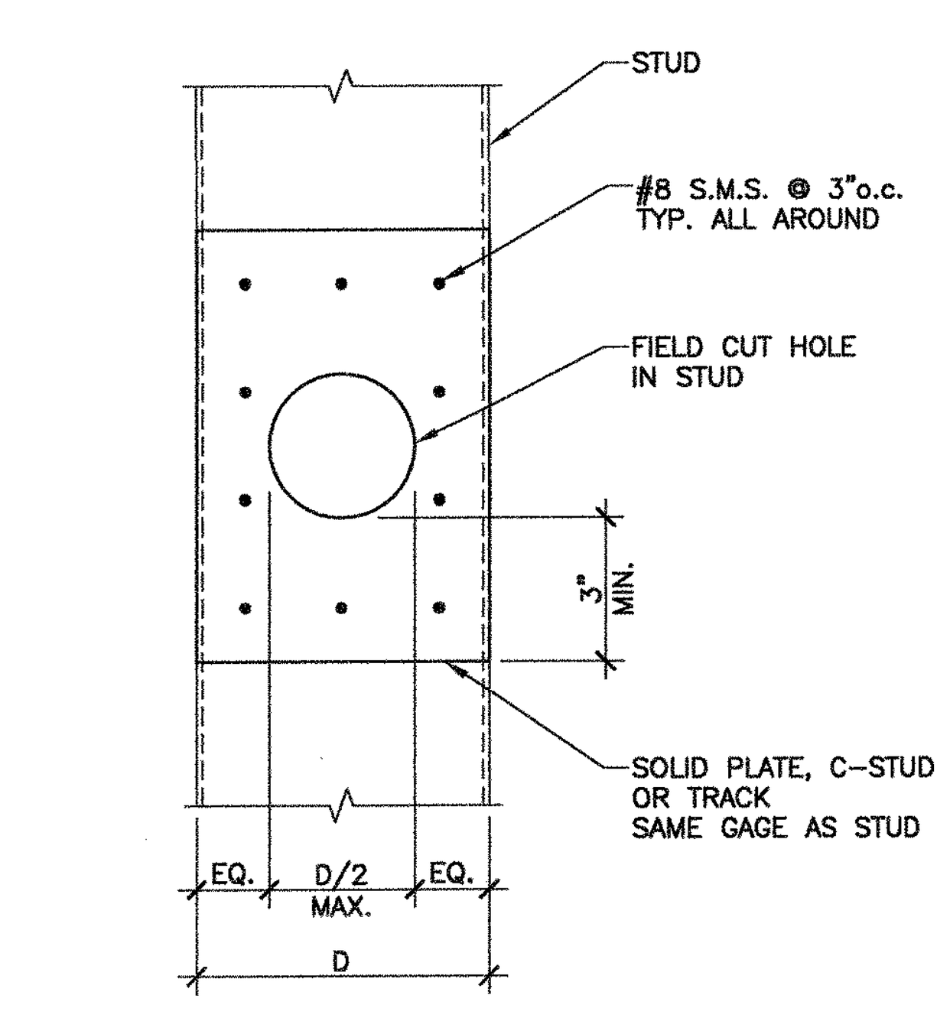
9.2R TYPICAL METAL STUD WALL ELEVATION



9.2S JAMB DETAIL: BOTTOM ATTACHMENT



9.2T TYPICAL CLIP



9.2U TYPICAL STUD REPAIR 3"=1'-0"

Sugimura & Associates Architects
Architecture • Planning • Interiors
Landscape Architecture
2155 South Bascom Ave. Suite 200
Campbell, CA 95008
408–879–0600 Fx 408–377–6606

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STRUCTURAL ENGINEERS

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TYPICAL METAL STUD DETAILS

SKYLINE COLLEGE SWING SPACE PERMIT PACKAGE #3
SKYLINE COLLEGE
3300 COLLEGE DRIVE
SAN BRUNO, CA. 94066

REVISIONS

NO.	ITEM	DATE
2	CONSTRUCTION ISSUE	6/10/04
–	CONFORM SET	9/9/04

CLIENT APPROVAL:

DRAWN BY: AV
CHECKED BY: LH
JOB NO: 2145.002
DATE: 06 FEB. 2004

S9.2

4 OF SHEETS