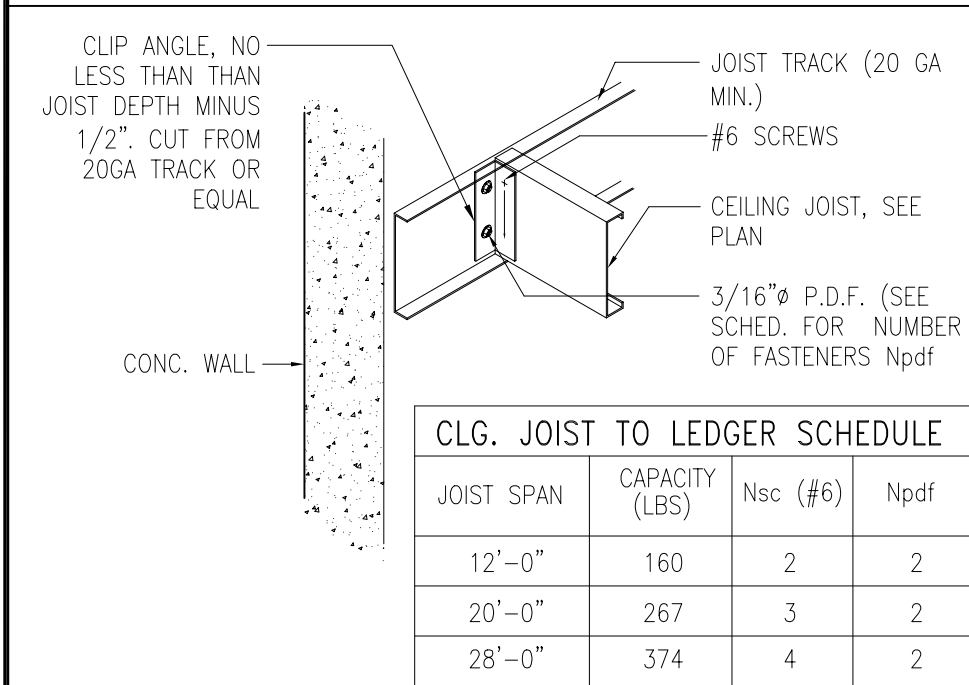


- NOTES:
1. JOISTS ALIGN OVER WALL STUDS (TYP.).
 2. HEADERS FOR OPENINGS MAY BE LOCATED DIRECTLY ABOVE OPENING OR AT JOIST BEARING. WHEN LOCATED AT WINDOW HEAD, CRIPPLE STUDS MUST BE TIGHTLY SEATED FOR FULL BEARING.
 3. SUPERIMPOSED LOAD IS 100 PLF OR LESS.
 4. LATERAL LOAD IS 5 PSF

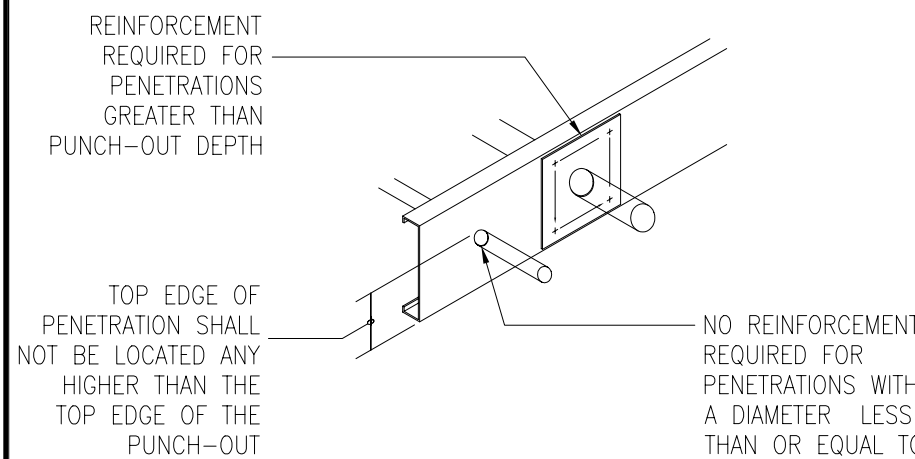
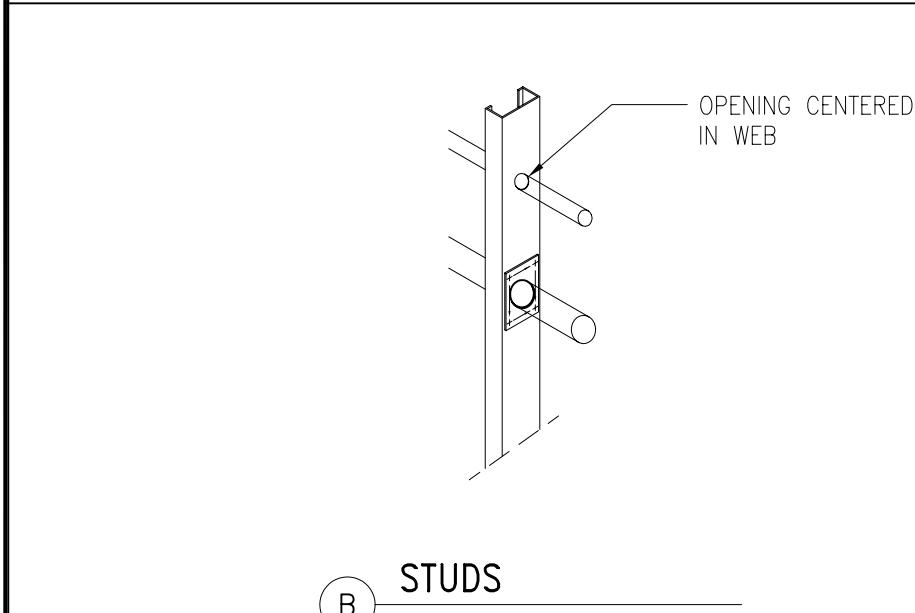
27 WALL & CEILING FRAMING

N.T.S.



28 JOIST TO WALL

N.T.S.



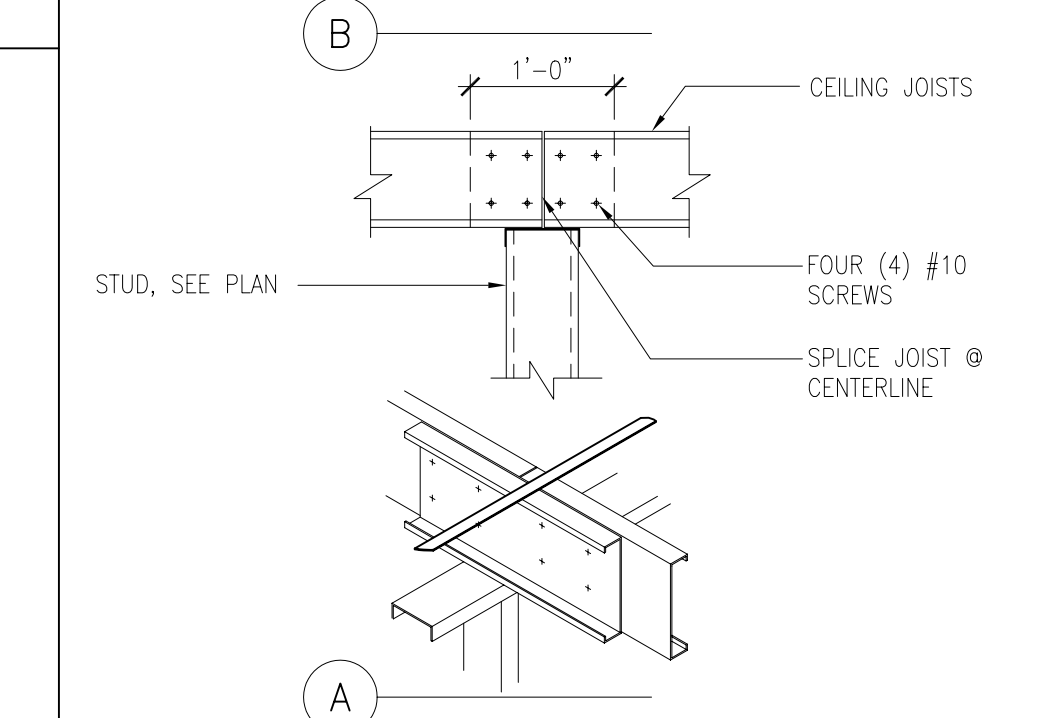
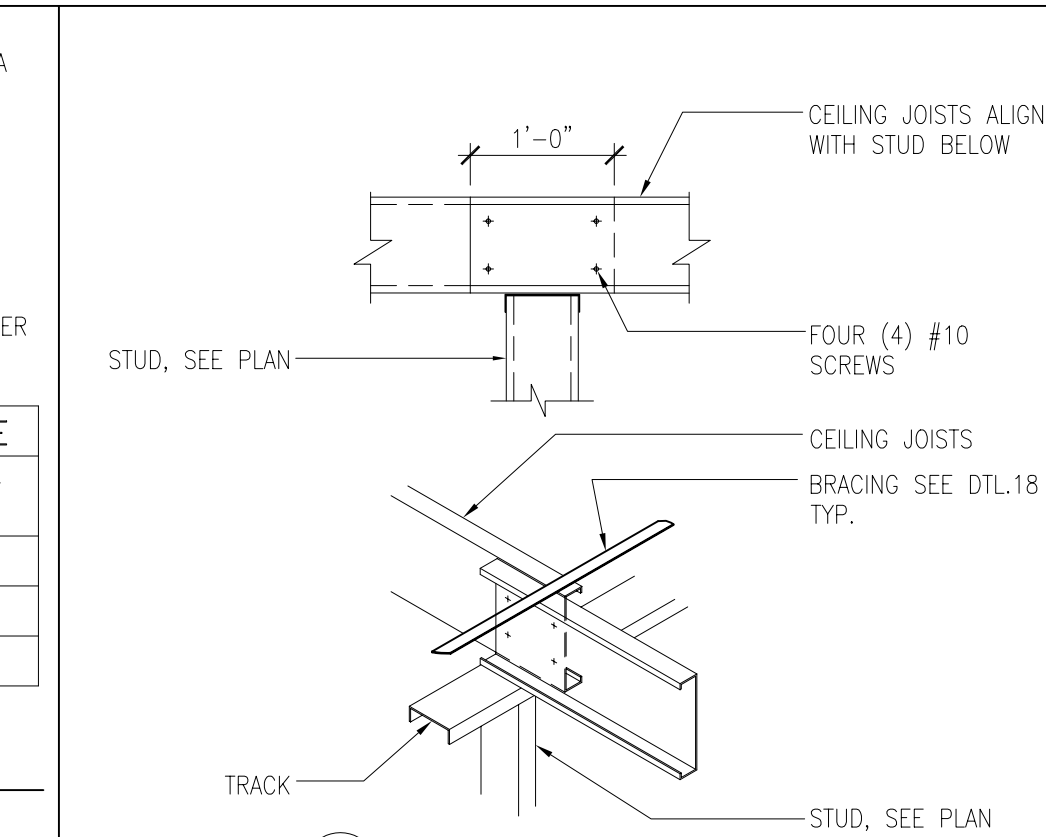
- NOTES:
1. FLANGES SHALL NOT BE NOTCHED OR CUT.
 2. CAPACITY VERIFICATION BY DESIGN IS REQ'D. FOR ANY OPENINGS LOCATED AT CONCENTRATED LOADS AND BEARING ENDS.
 3. FOR UNPUNCHED MEMBERS CONSULT THE MANUFACTURER.

JOISTS OR RAFTERS

30 WEB PENETRATIONS

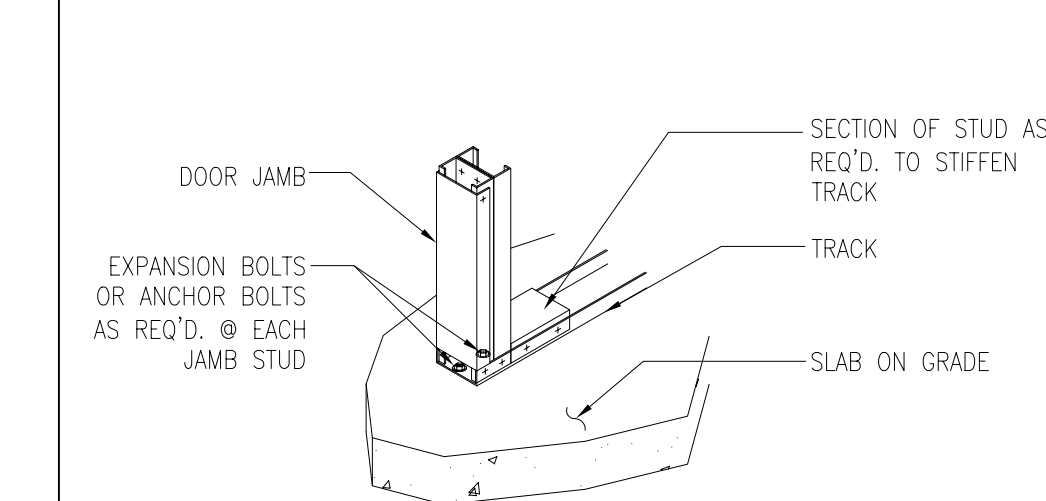
N.T.S.

OPENING FRAMING SCHEDULE IN 3 5/8" WALL					
OPENING WIDTH W	HEADER	# TRIMMER	# K. STUDS	# OF END SCREWS (#6)	DETAIL
4'-0"	362DS125-33 FLAT & 362DT125-33	1	2	2	4, & 20B
8'-0"	362DS125-33 (2) & 362DT125-33 (2)	1	2	4	4, & 20C
14'-0"	600DS125-33 (2) & 362DT125-33 (2)	2	3	6	4, & 20C
16'-0"	800S125-33 (2) & 362T125-33 (2)	2	3	6	4, & 20C
OPENING WIDTH W	SILL				
4'-0"	362DT125-33			2	15
12'-0"	362DS125-33 & 362DT125-33 (2) (FLAT)			4	10



24 JOIST SPLICE

1"=1'-0" AT BEARING WALL



25 DOOR JAMB

N.T.S.

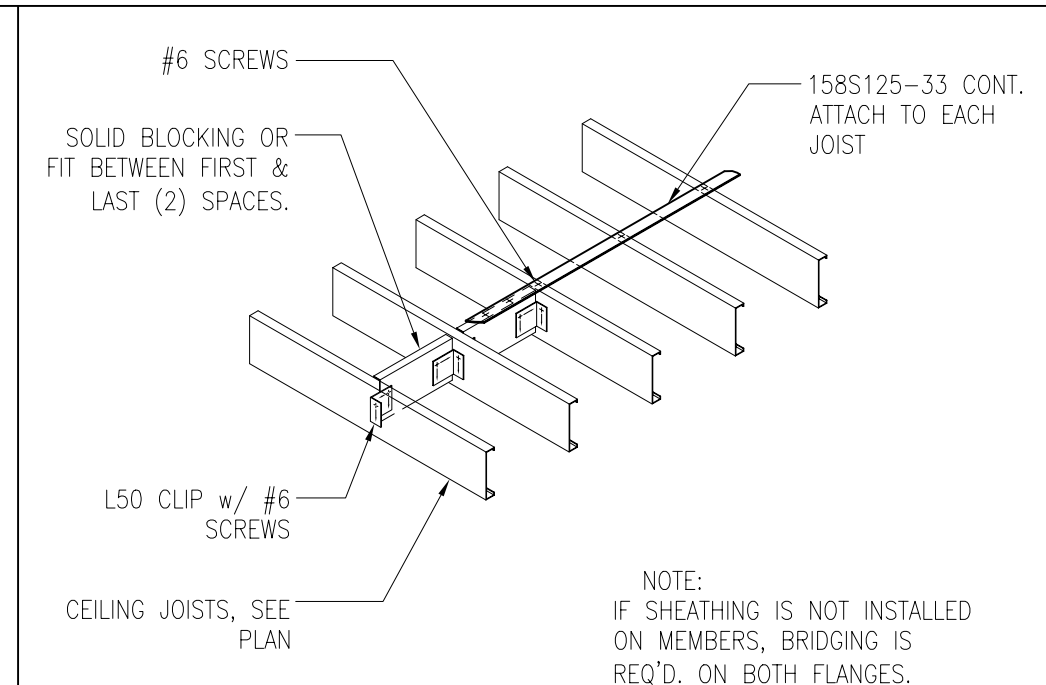
CEILING JOIST SCHEDULE							
MK	JOIST	CODE	SPACING	MAX. SPAN	END CONNECTION	BRACING POINT	BRACING DTL
CJ1	250DS125-18	STN	16"	5'-11"	2 #6	0, 1/2, 1*SPAN	18
CJ2	362DS125-18	STN	16"	7'-8"	2 #6	0, 1/2, 1*SPAN	18
CJ3	362DS125-33	STE	16"	9'-9"	3 #6	0, 1/2, 1*SPAN	18
CJ4	600DS125-33	STE	16"	13'-10"	3 #6	0, 1/2, 1*SPAN	18
CJ5	600S162-43	CSJ	16"	15'-7"	3 #6	0, 1/2, 1*SPAN	18
CJ6	800S162-43	CSJ	16"	19'-8"	4 #6	0, 1/2, 1*SPAN	18

1. STUDS AS MANUFACTURED BY DIETRICH INDUSTRIES, INC. OR APPROVED BY THIS ENGINEER EQUAL COMPLY WITH ICBO ER. # 4782. FOR OTHER SIZES REFER TO THE ICBO REPORT.
2. CEILING WEIGHT: 6 PSF (3/4" GYP. PLASTER OR 5/8" GYP. BRD)

NON-LOAD BEARING, INTERIOR DRYWALL FRAMING							
MK	STUD SIZE(in)	CODE	GAGE	MAX. HEIGHT L/120	L/240	L/360	BRACING DTL
250DS125-18	2-1/2	STN	25	11'-3"	9'-6"	8'-3"	8
250DS125-27		STH	22	13'-10"	11'-0"	9'-7"	8
250DS125-33		STE	20	14'-9"	11'-9"	10'-3"	8
362DS125-18	3-5/8	STN	25	14'-10"	12'-7"	11'-0"	8
362DS125-27		STH	22	18'-3"	14'-7"	12'-9"	8
362DS125-33		STE	20	19'-7"	15'-7"	13'-7"	8
600DS125-27	6	STH	22	24'-6"	21'-9"	19'-0"	8
600DS125-33		STE	20	29'-2"	23'-3"	20'-4"	8

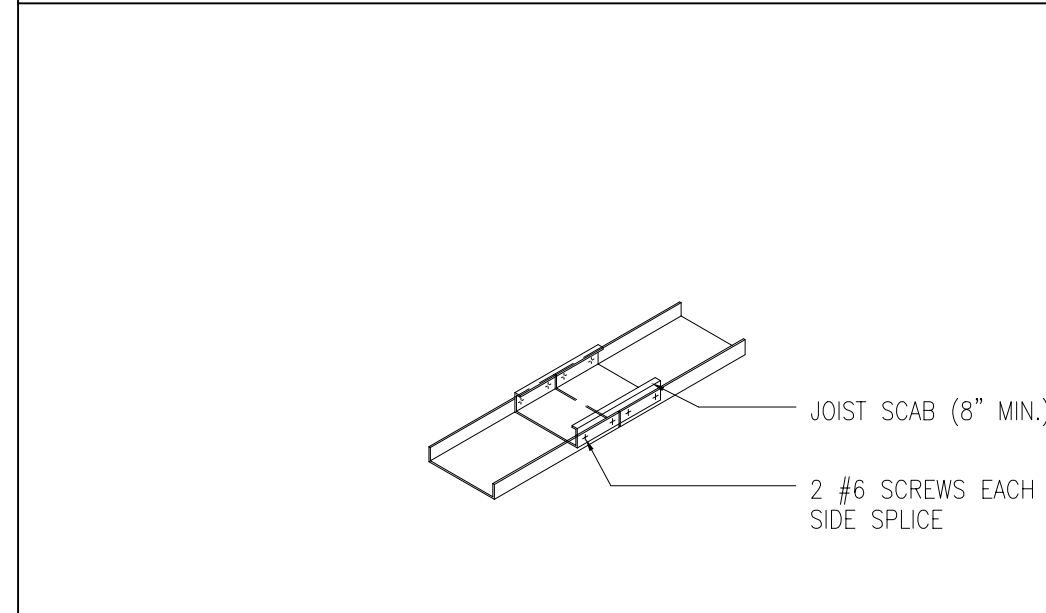
1. STUDS AS MANUFACTURED BY DIETRICH INDUSTRIES, INC. OR APPROVED BY THIS ENGINEER EQUAL COMPLY WITH ICBO ER. # 4782. FOR OTHER SIZES REFER TO THE ICBO REPORT.
2. STUDS ARE SPACED 16" O.C. AND BOTH STUD FLANGES ARE BRACED WITH SHEATHING MATERIAL.
3. THE SUPERIMPOSED GRAVITY LOAD IS LESS THAN 100 PLF AND LATERAL FORCE IS 5 PSF.
4. USE L/120 COLUMN WHEN THE WALL IS FINISHED WITH GYPSUM BOARD OR WOOD PANELING. USE COLUMN L/240 WHEN THE WALL IS FINISHED WITH PLASTER.

OPENING FRAMING SCHEDULE IN 6" WALL					
OPENING WIDTH W	HEADER	# TRIMMER	# K. STUDS	# OF END SCREWS (#6)	DETAIL
4'-0"	600DS125-33 FLAT & 600DT125-33	1	2	2	4, & 20B
8'-0"	362DS125-33 (2) & 600DT125-33 (2)	1	2	4	4, & 20C
14'-0"	600DS125-33 (2) & 600DT125-33 (2)	2	3	6	4, & 20C
16'-0"	800DS125-33 (2) & 600DT125-33 (2)	2	3	6	4, & 20C
OPENING WIDTH W	SILL				
4'-0"	600DT125-33			2	15
12'-0"	600DS125-33 & 600DT125-33 (2) (FLAT)			4	10



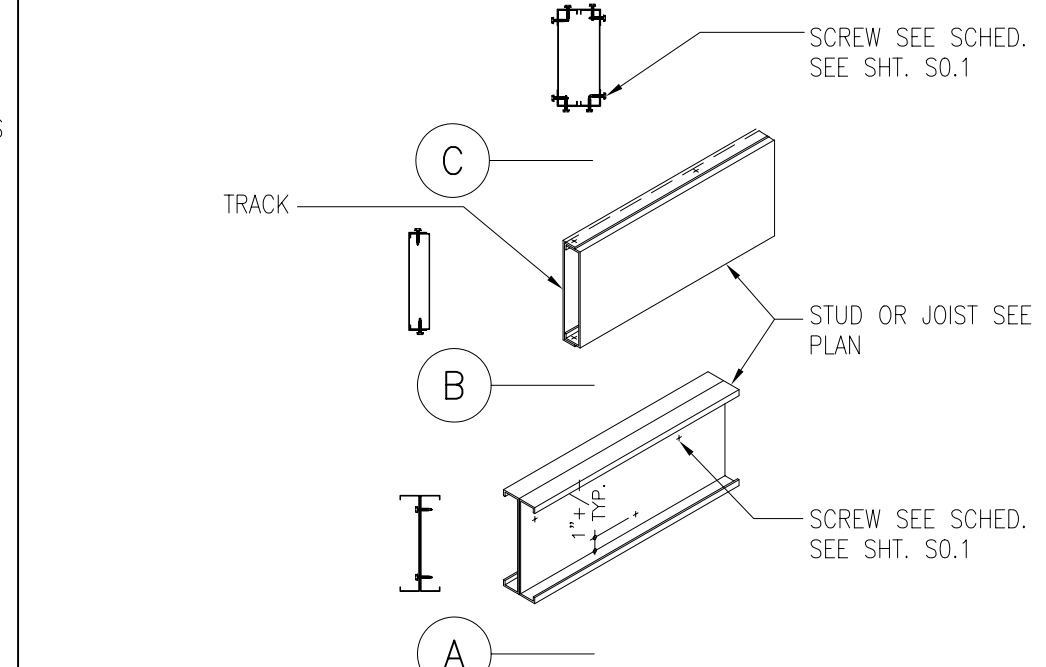
18 FLOOR JOIST BRACING

N.T.S.



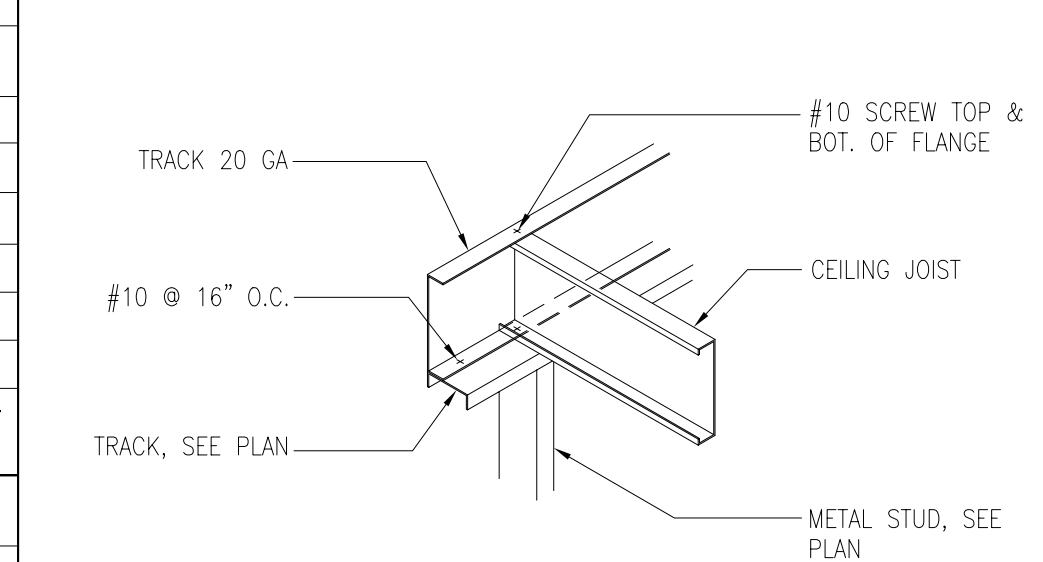
19 TRACK SPLICE

N.T.S.



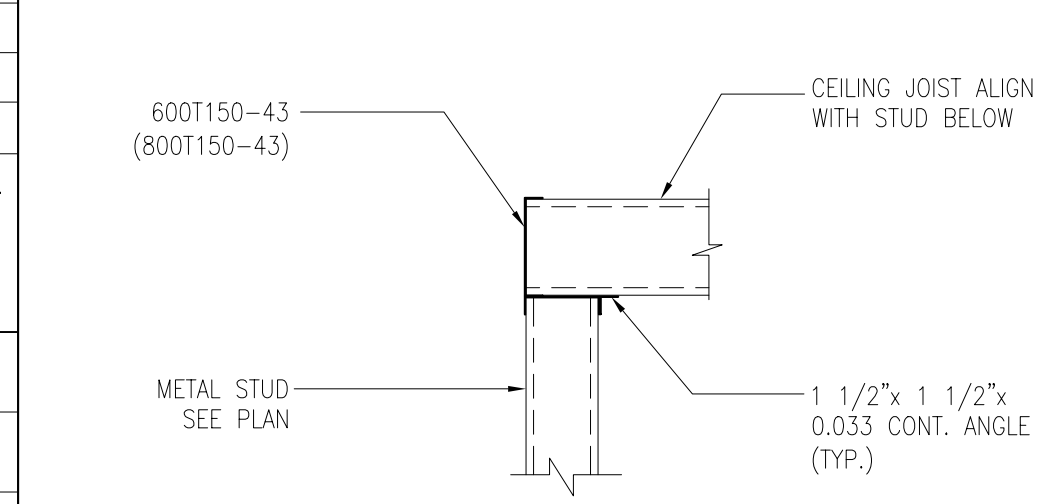
20 BEAMS/HEADERS

1"=1'-0"



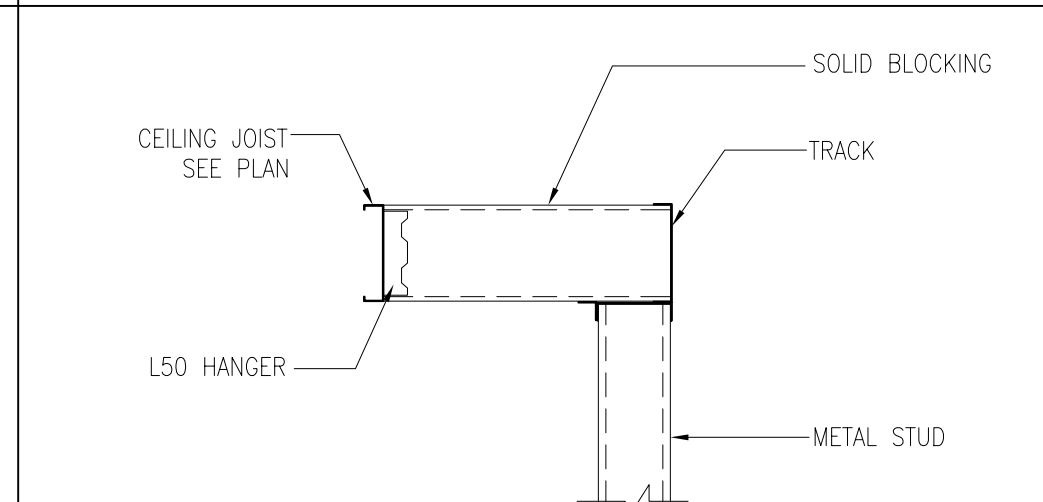
11 JOIST TO WALL

1"=1'-0"



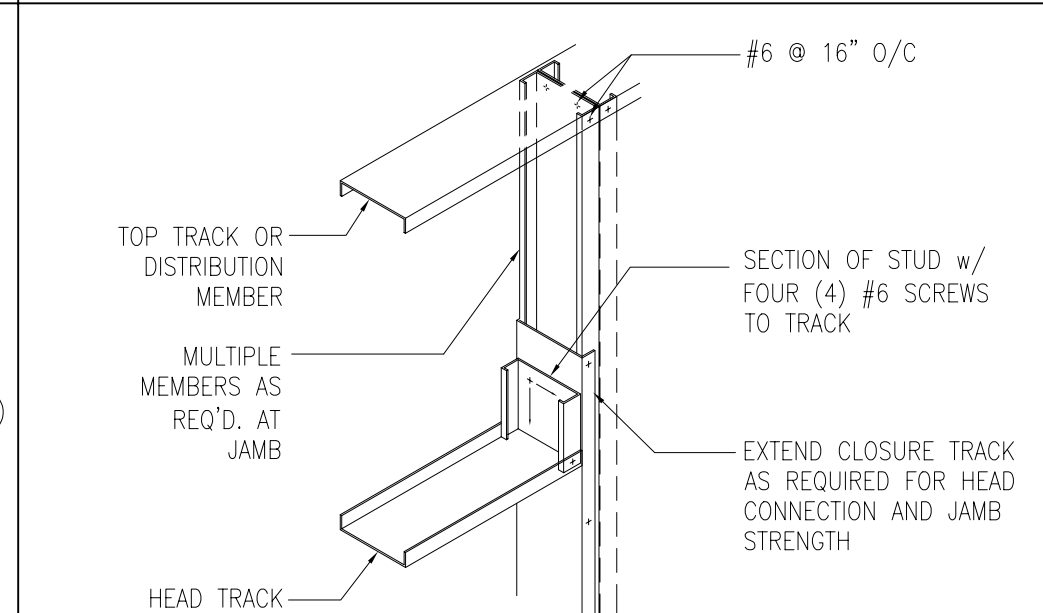
12 JOIST TO WALL

1"=1'-0"



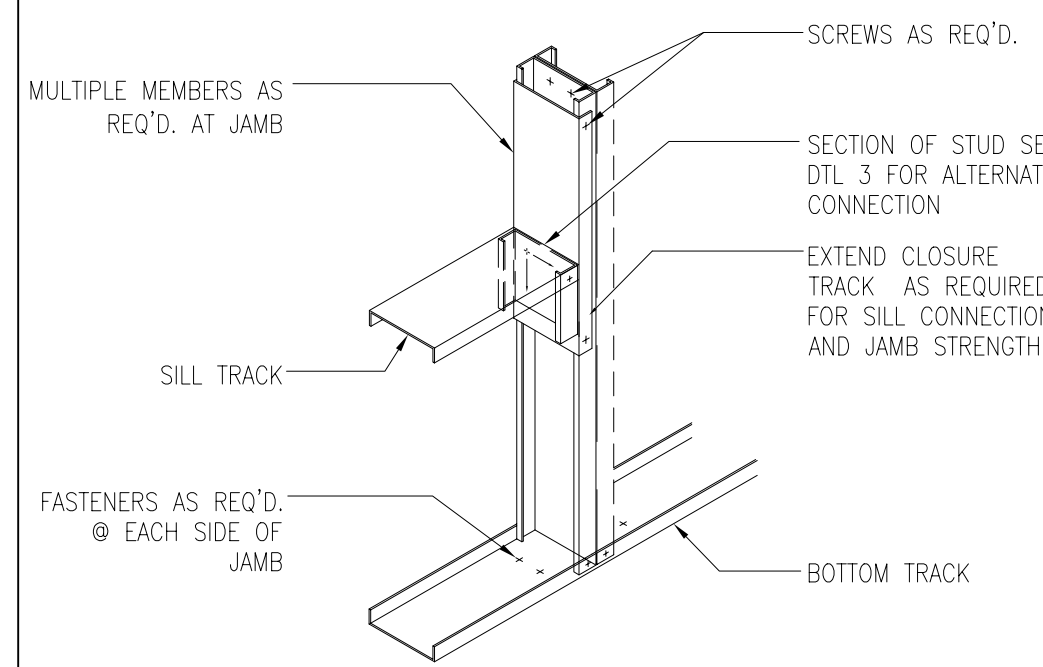
13 JOIST TO WALL

1"=1'-0" PARALLEL TO WALL



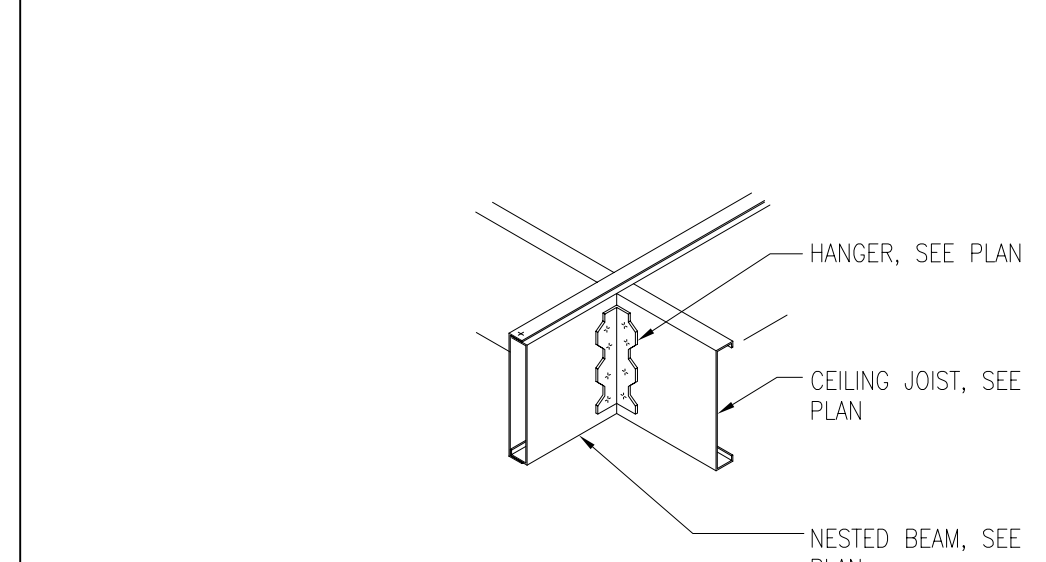
14 HEADER/JAMB

N.T.S. NON-LOAD BEARING OPN'G. WIDTH < 4'-0"



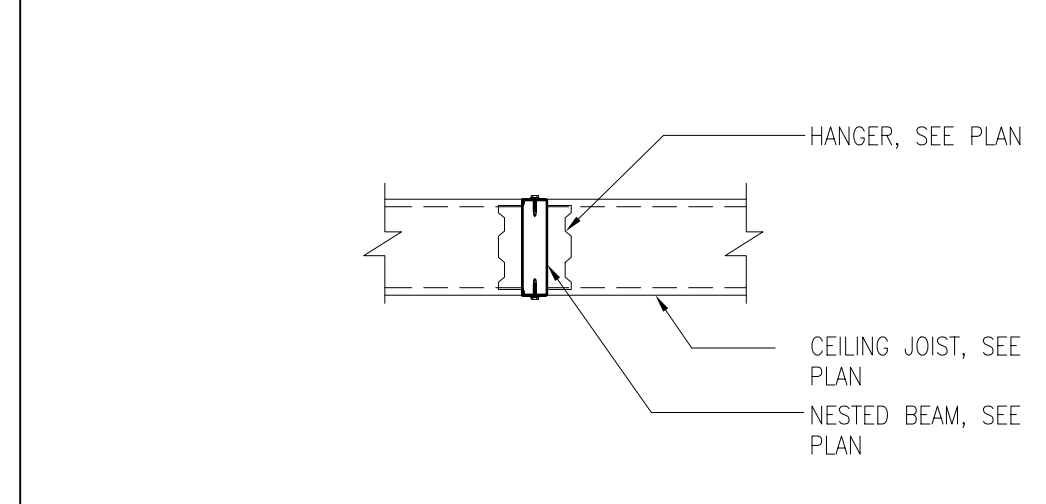
15 JAMB & SILL

N.T.S. OPN'G. WIDTH < 4'-0"



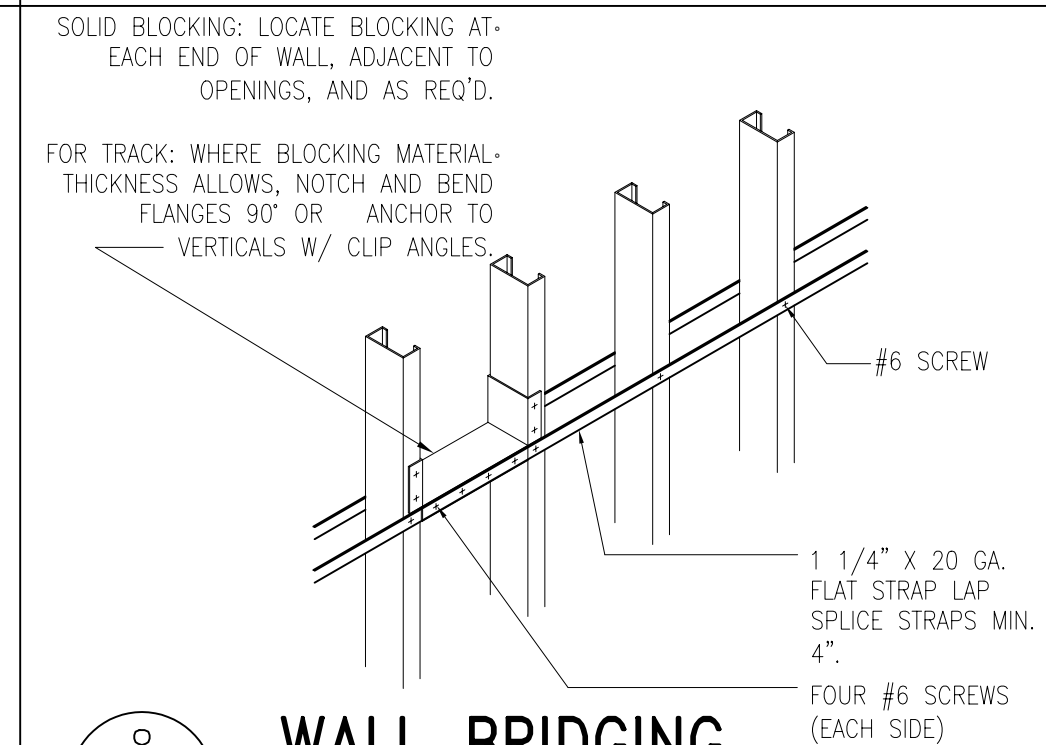
6 JOIST TO BEAM

1"=1'-0"



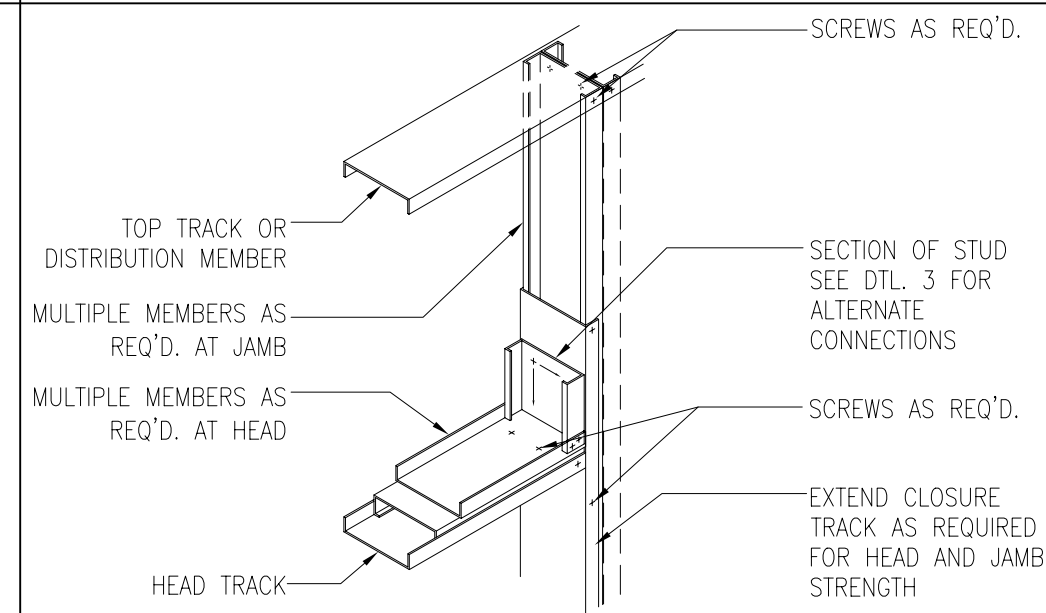
7 JOIST TO BEAM

1"=1'-0"



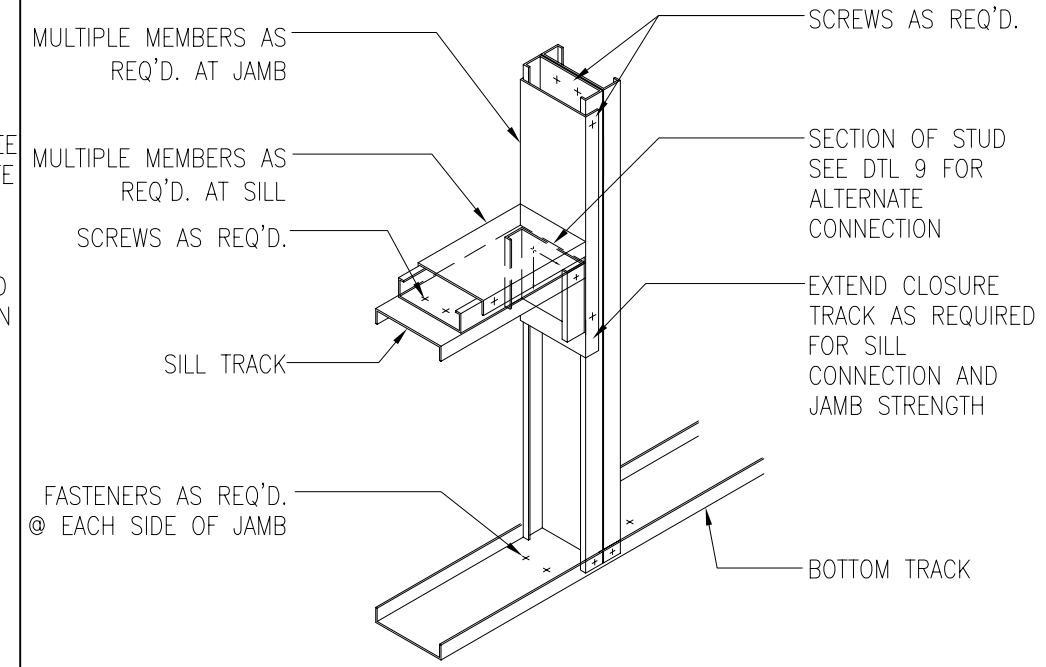
8 WALL BRIDGING

N.T.S.



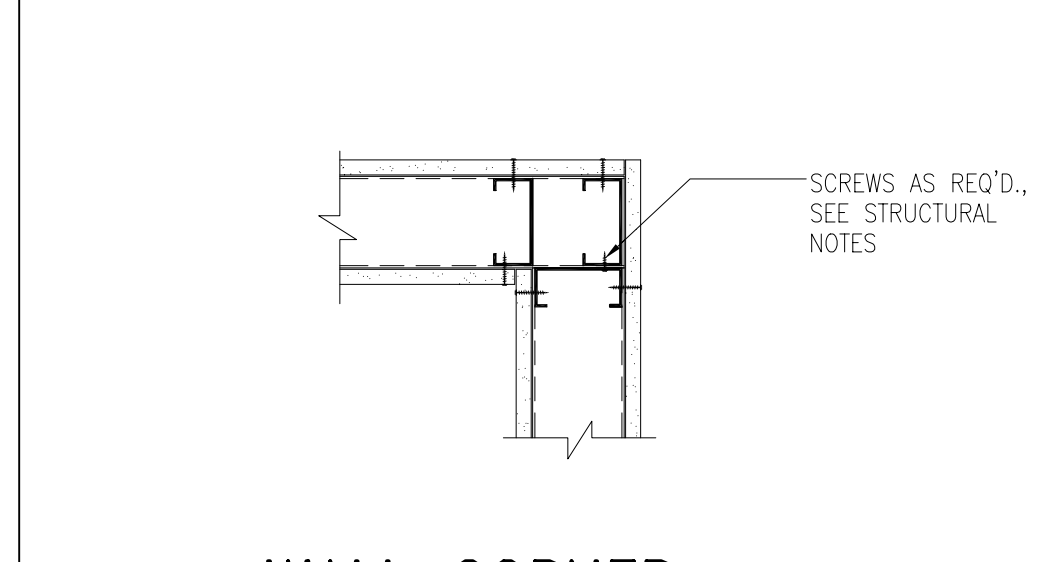
9 HEADER/JAMB

N.T.S. NON-LOAD BEARING OPN'G. WIDTH > 4'-0"



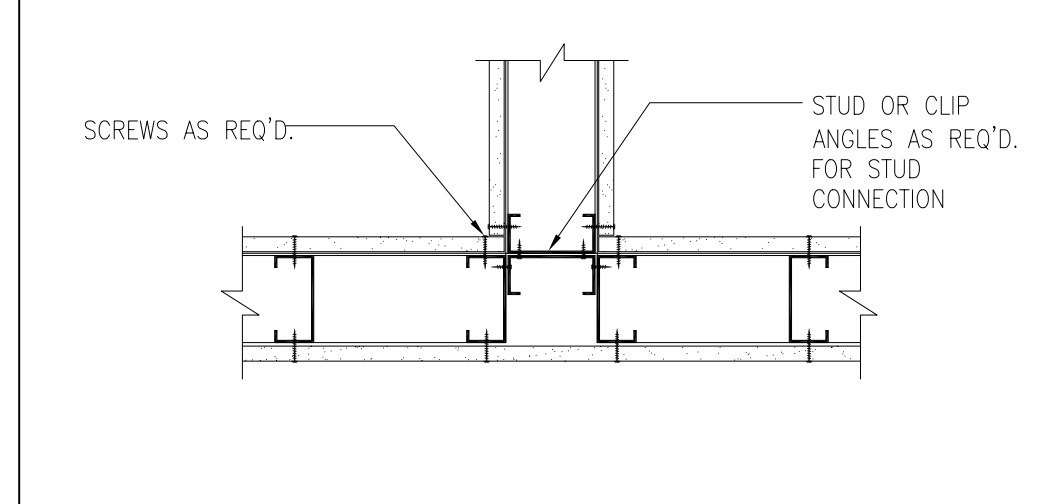
10 JAMB & SILL

N.T.S. OPN'G. WIDTH > 4'-0"



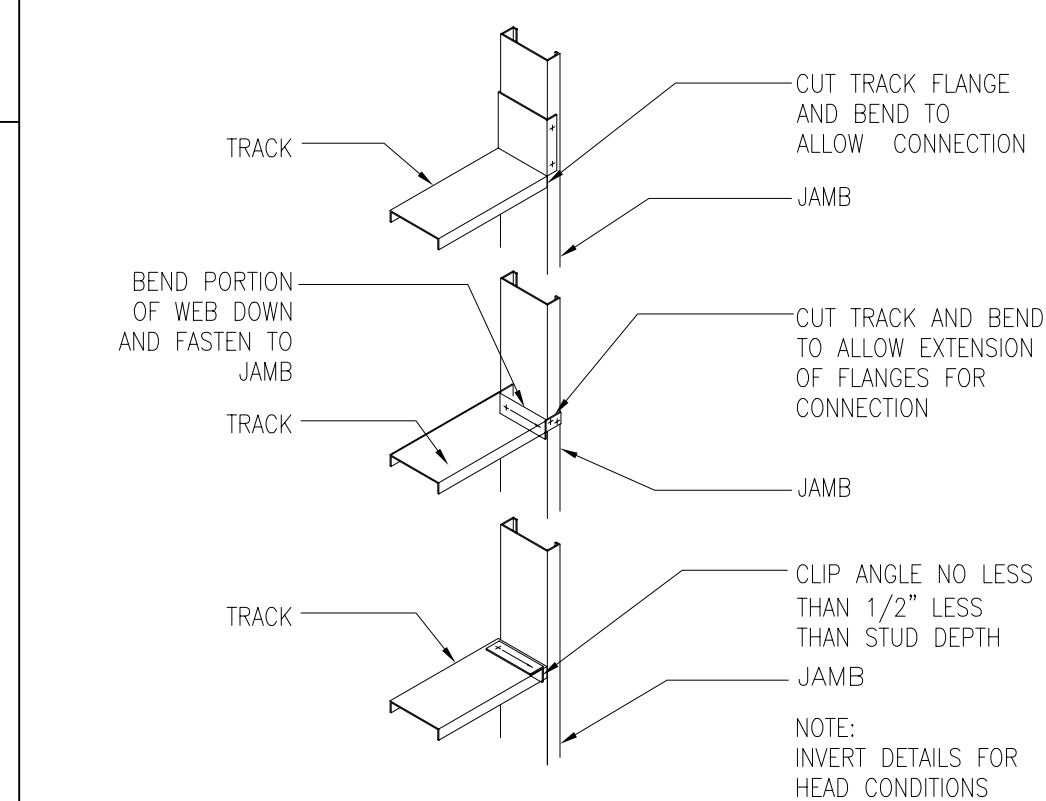
1 WALL CORNER

N.T.S. PLAN



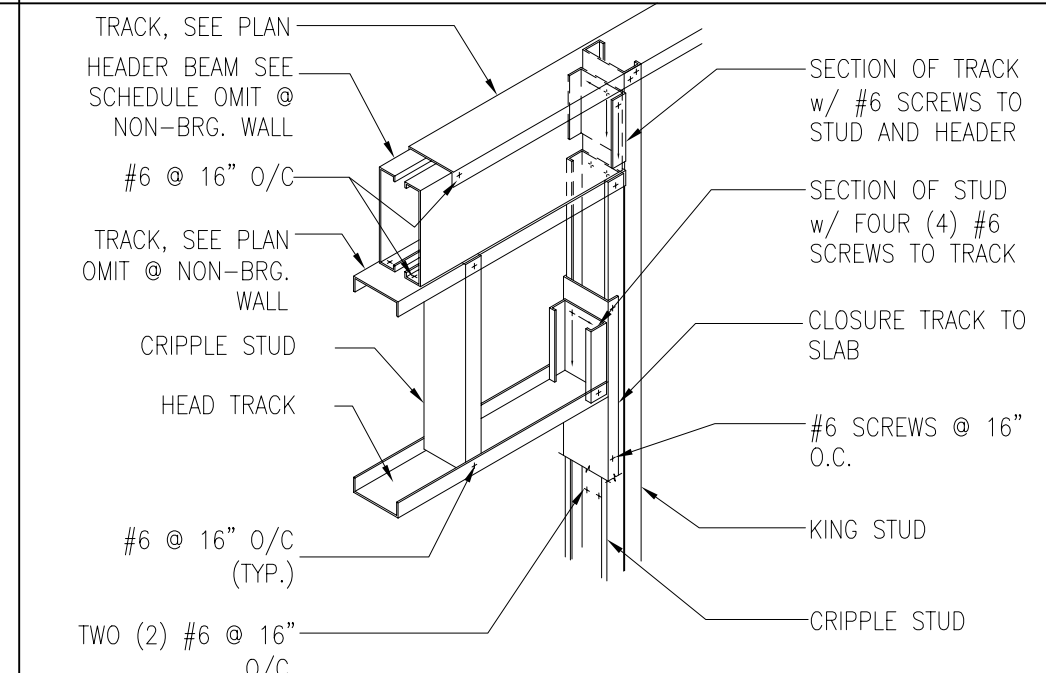
2 WALL INTERSECTION

N.T.S. PLAN



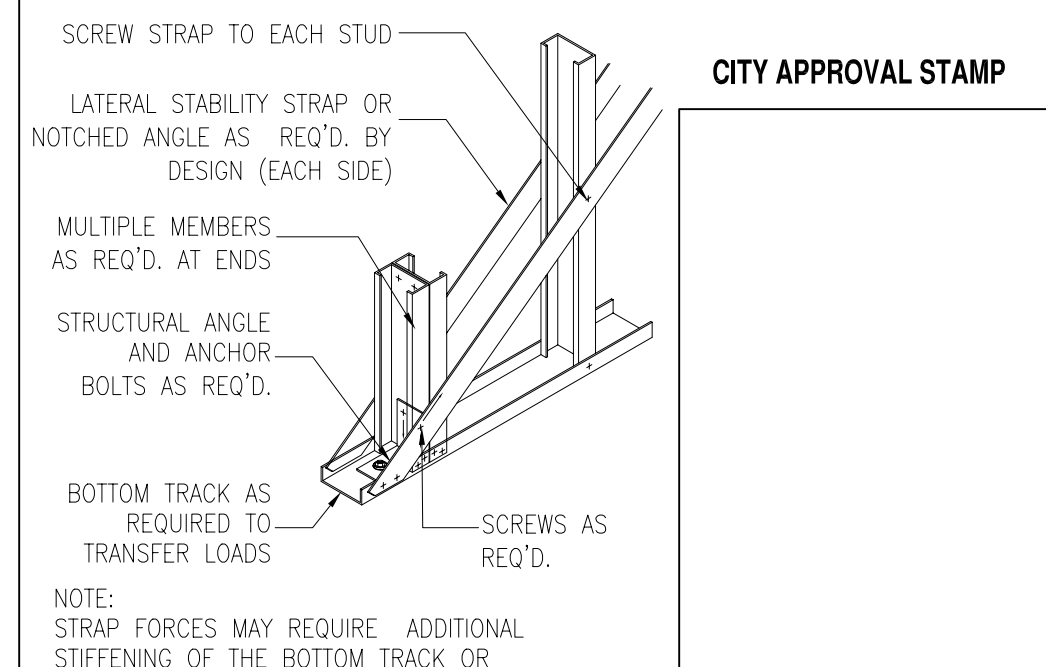
3 SILL & HEAD TRACK

1"=1'-0"



4 HEADER/JAMB

N.T.S. LOAD BEARING



5 DIAG. BRACING

N.T.S.

THEOPHANOUS
STRUCTURAL ENGINEERS
BUILDINGS, BRIDGES AND RELATED STRUCTURES
ANALYSIS * DESIGN * PLAN CHECKING
75 Silverwood Drive, Lafayette, CA 94549
Tel: (925) 284-2822 Fax: (925) 284-9745
E-mail: rtheophanous@earthlink.net

THEOPHANOUS FAMILY
75 SILVERWOOD DR LAFAYETTE, CA 94549
TEL: (925) 284-2822 Fax: (925) 284-9745

FRUITVALE COMMONS
1242 35th Ave Oakland, CA 94601

TYPICAL DETAILS METAL FRAMING

CLIENT: THEOPHANOUS
PROJECT TITLE: FRUITVALE COMMONS
SHEET TITLE: TYPICAL DETAILS METAL FRAMING
JOB NUMBER: J2002.060
DRAWN BY: TO
CHECKED BY: NCT
SCALE (A=1/8") AS SHOWN
DATE: 8/22/06
SHEET NUMBER: S0.7
OF SHEETS: 10

REVISIONS

1. 02-08 0845