

EXISTING FLOOR PLAN  
SCALE: 1/4" = 1'-0"

REVISIONS		
DATE	BY	DESCRIPTION

DESIGN BY:

**TRADEMARK**  
Construction Group, Inc.

CERTIFIED GENERAL CONTRACTOR  
CGC1514780

163 SW MIDTOWN PL.  
STE. 101  
LAKE CITY, FL. 32025  
(386)755-5254

**CE'S**  
Crews Engineering Services, LLC

CERTIFICATE OF AUTHORIZATION  
NO. 28022

P.O. BOX 970  
LAKE CITY, FL 32056  
PHONE: 386.754.4085

BRETT ALAN CREWS  
LICENSE  
No. 65592  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

Brett A. Crews, P.E. 65592

DRAWN BY:  
TM

APPROVED BY:  
BC

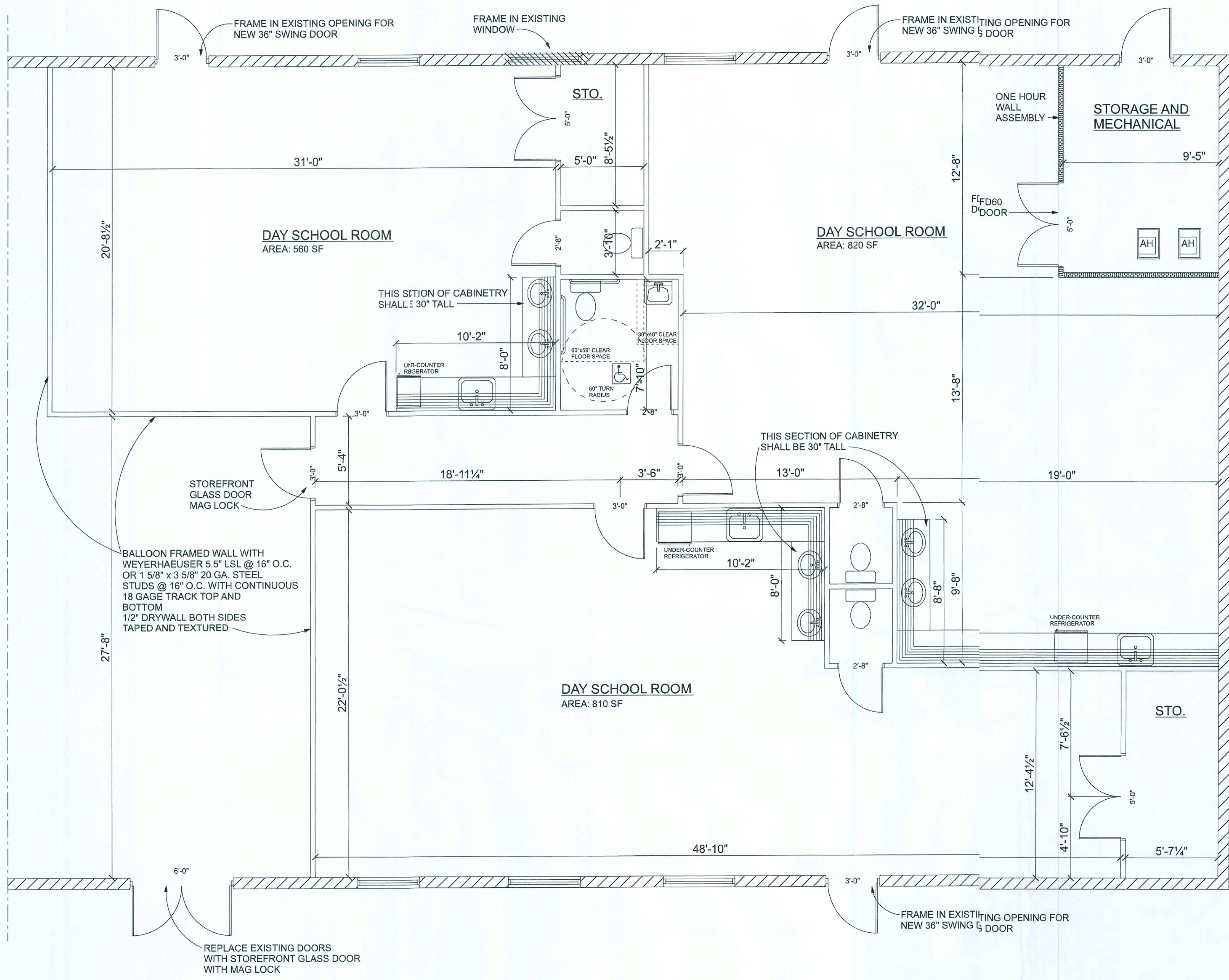
**SOUTHRIDGE DAY SCHOOL  
REMODEL**

EXISTING FLOOR PLAN

PROJECT NO.:  
C21.001

SHEET:  
A-1





PROPOSED FLOOR PLAN  
SCALE: 1/4" = 1'-0"

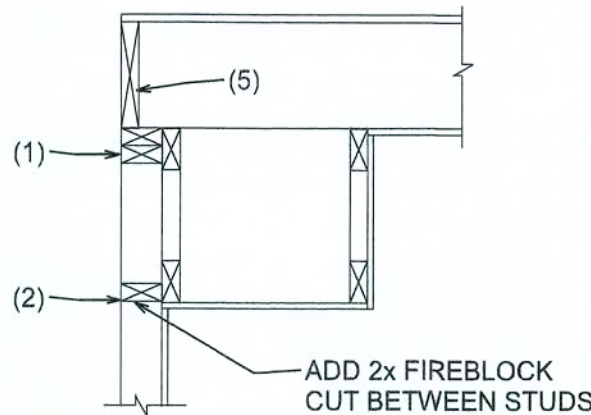
AREA SUMMARY

INTERIOR BUILD-OUT	3,130 SF
TOTAL	3,130 SF

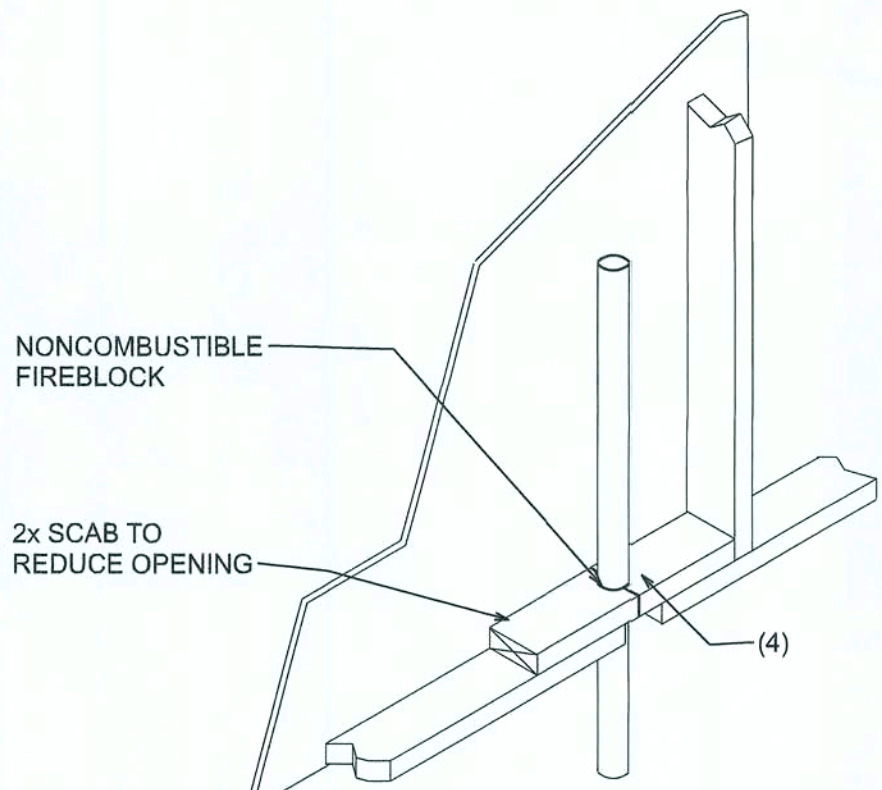
FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH PYRO PANEL MULTIFLEX SEALANT
5. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.



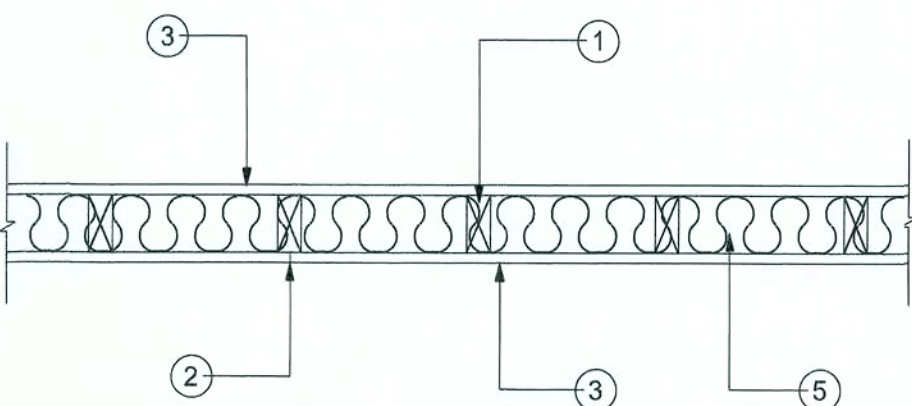
SOFFIT/DROPPED CLG.



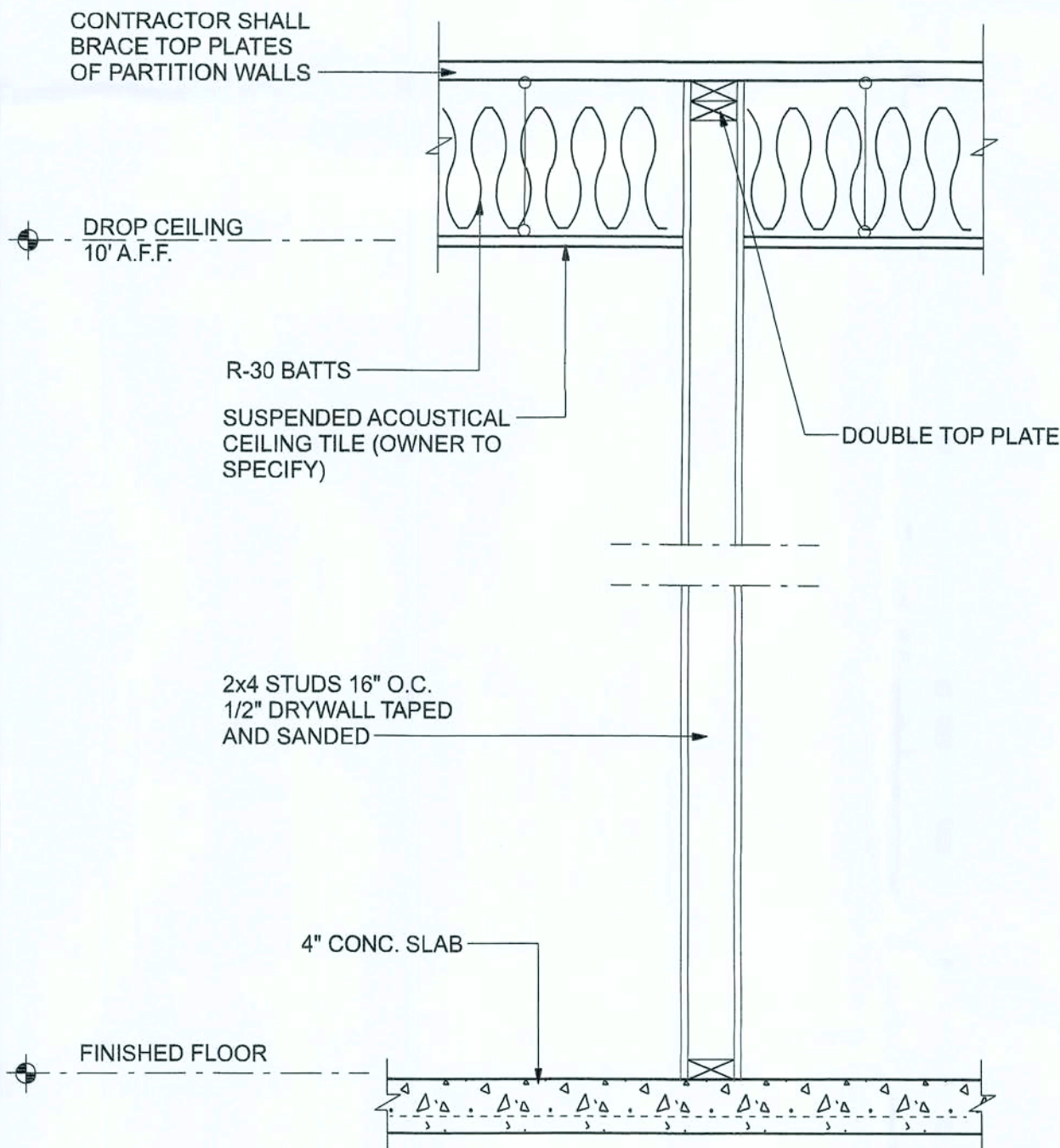
PENETRATIONS

DESIGN NO. U305  
ANSI/UL 263

BEARING WALL RATING - 1 HOUR (SEE ITEM 2)  
NONBEARING WALL RATING - 1 HOUR (SEE ITEM 2)



CORRIDOR NOTE:  
FOR CEILING PROTECTION CONTRACTOR  
CAN PROVIDE USG SHAFT AND  
STAIR WALL SYSTEM OF AER-09038 OR  
EQUIVALENT.



INTERIOR PARTITION WALL  
SCALE: NTS

1. Wood Studs — Nom 2 by 4 in. spaced 16 in. OC max, effectively firestopped.
2. Joints and Nail-Heads — Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Nailheads exposed or covered with joint compound.
3. Gypsum Board\* — 5/8 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally. For an alternate method of attachment of gypsum panels, refer to Items 6, 6A or 6B, Steel Framing Members\*.
4. Steel Corner Fasteners\* — (Optional) — For use at wall corners. Channel shaped, 2 in. long by 1 in. high on the back side with two 1/8 in. wide cleats protruding into the 5/8 in. wide channel, fabricated from 24 gauge galv steel. Fasteners applied only to the end or cut edge (not along tapered edges) of the gypsum board, no greater than 2 in. from corner of gypsum board, max spacing 16 in. OC. Nailed to adjacent stud through tab using one No. 6d cement coated nail per fastener. Corners of wall board shall be nailed to top and bottom plate using No. 6d cement coated nails.
5. Batts and Blankets\* — (Optional — Required when Item 6A is used (RC-1) — Glass fiber or mineral wool insulation. Placed to completely or partially fill the stud cavities. When Item 6A is used, glass fiber or mineral wool insulation shall be friction-fitted to completely fill the stud cavities.
6. Steel Framing Members\* — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:  
a. Furring Channels — Formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-lapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.  
b. Steel Framing Members\* — Used to attach furring channels (Item 6a) to studs. Clips spaced 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.  
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75)

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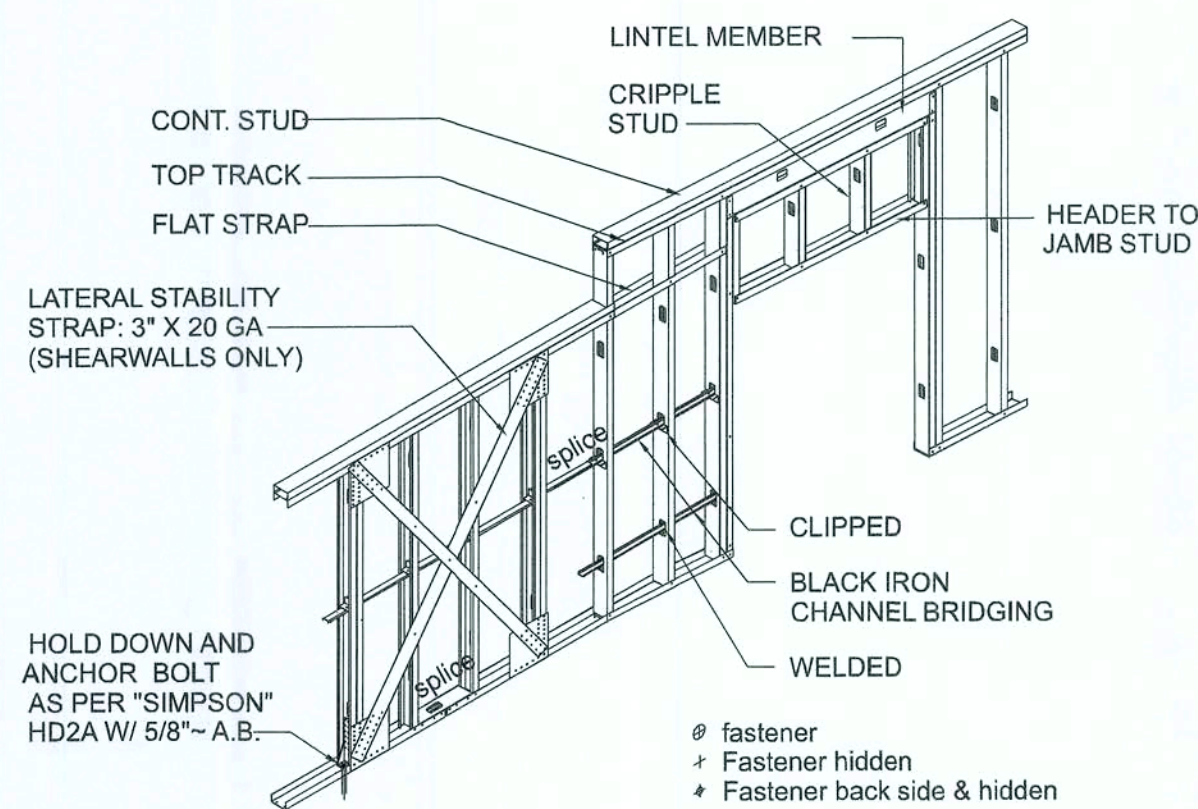
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A-2





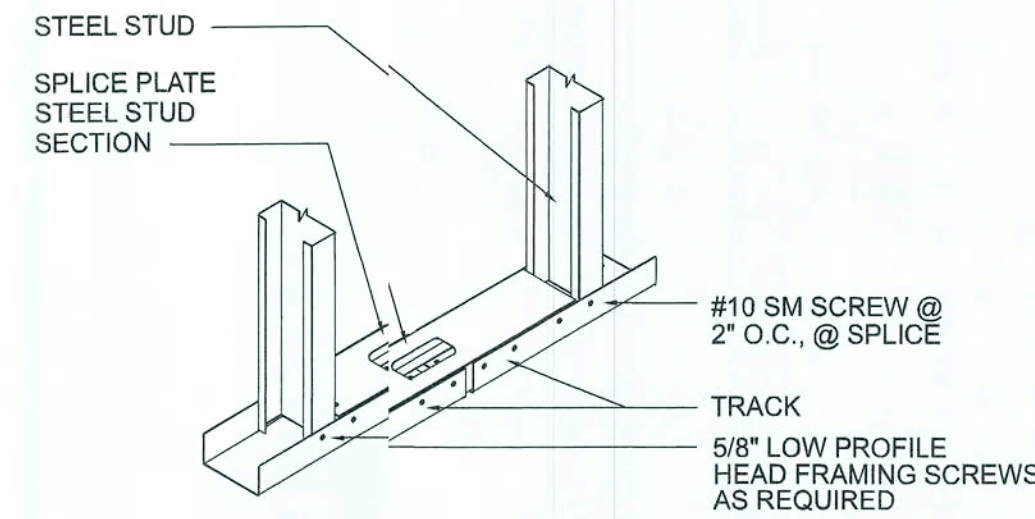
STRUCTURAL WALL ASSEMBLY

**LIGHT GAGE STEEL CONNECTION NOTES:**

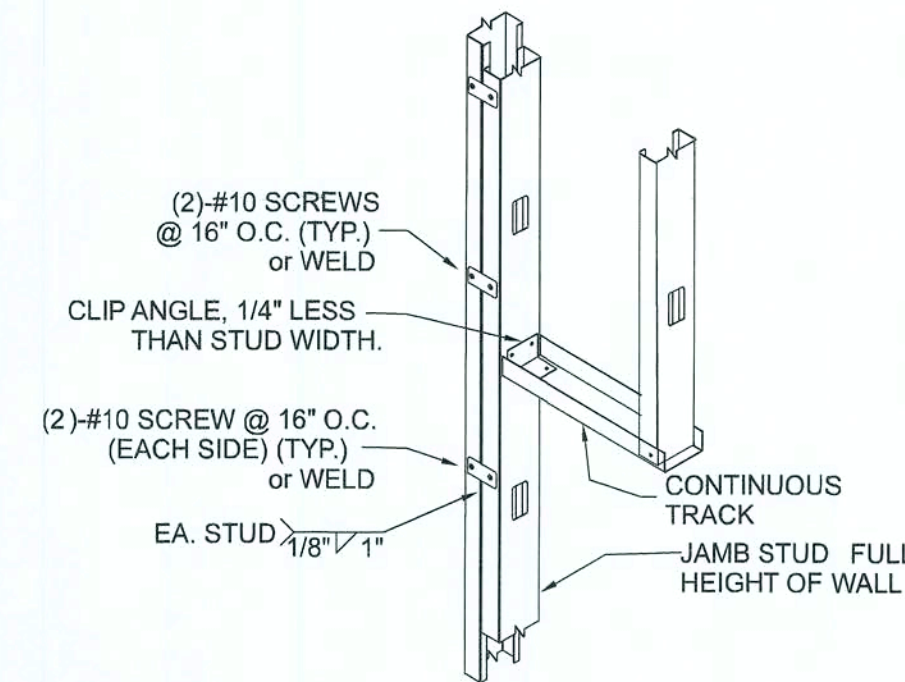
type	location
#8 self drilling x 1/2" low profile	stud to track with gypsum board and sheathing
#10, 3/4" hex-washer head self drilling screws	all other areas up to three layers of 33-mil material
#8 self piercing screws	sheathing to steel 20 gage or less
#8 self drilling screws	sheathing to steel 18 gage or more
#6 self piercing screws	gypsum board to steel 20 gage or less
#6 self drilling screws	gypsum board to steel 18 gage or more

**STEEL STUD BRACING NOTES:**

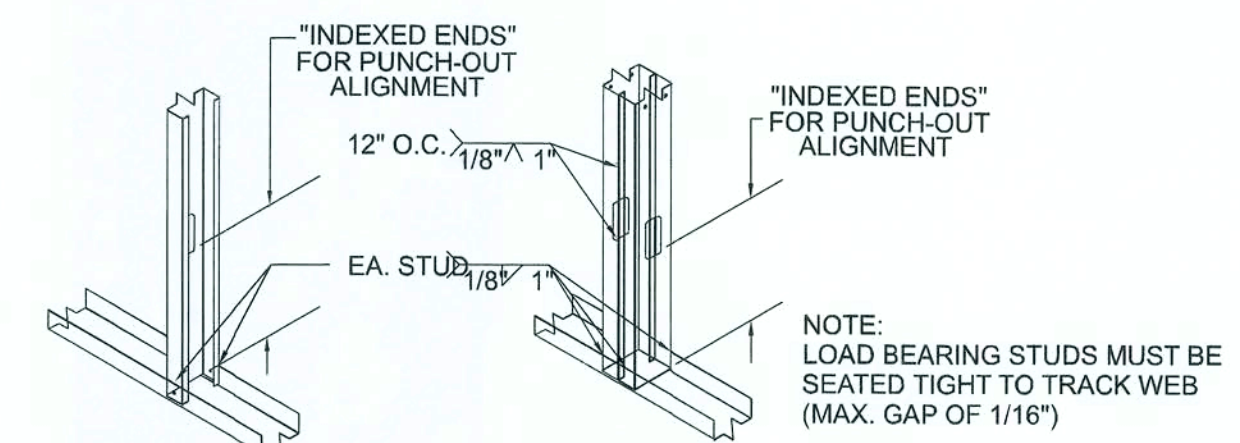
- The flanges of load bearing steel studs shall be laterally braced in accordance with one of the following methods.
- Gypsum wall board or structural sheathing on both sides of load bearing walls installed in accordance with table above.
  - Horizontal steel strapping installed on both sides at mid-height for 8 foot walls, and third lengths for 9 foot and 10 foot walls. Horizontal steel straps shall be at least 1 1/2" wide and 33 mils in thickness. Straps shall be attached to the flanges of studs with at least one No. 8 screw. In-line blocking shall be installed between studs at the termination of straps and at 12-foot intervals along the strap; straps shall be fastened to the blocking with at least two No.8 screws.
  - Gypsum wall board or structural sheathing on one side and horizontal steel strapping on the other side of load bearing walls.



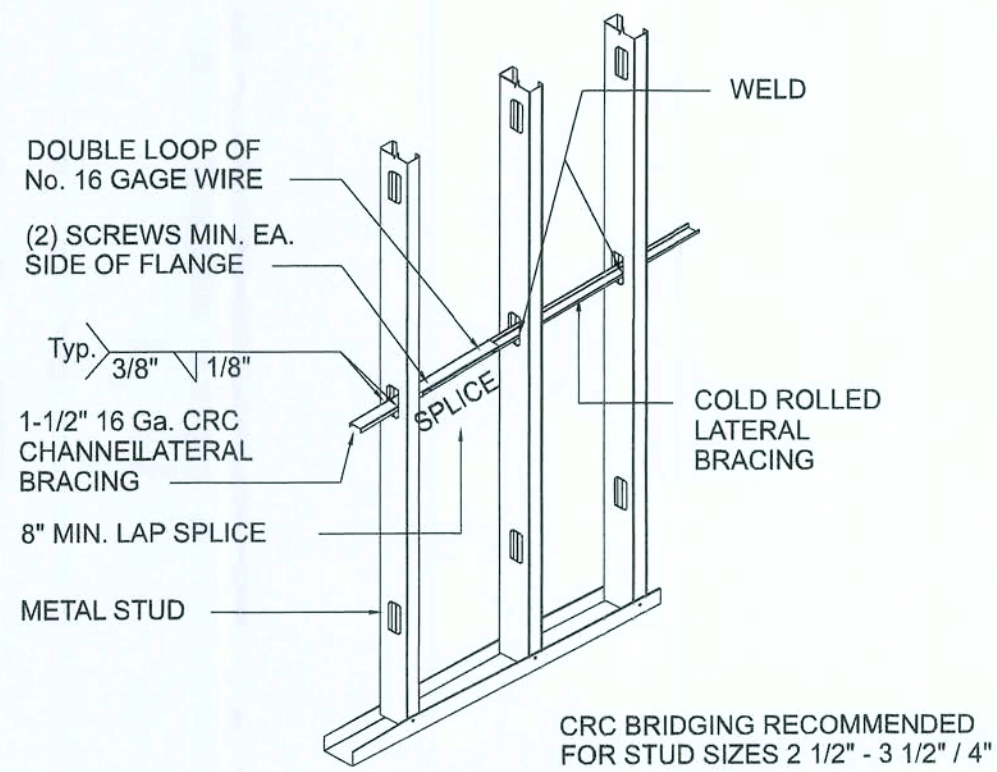
TRACK SPLICE



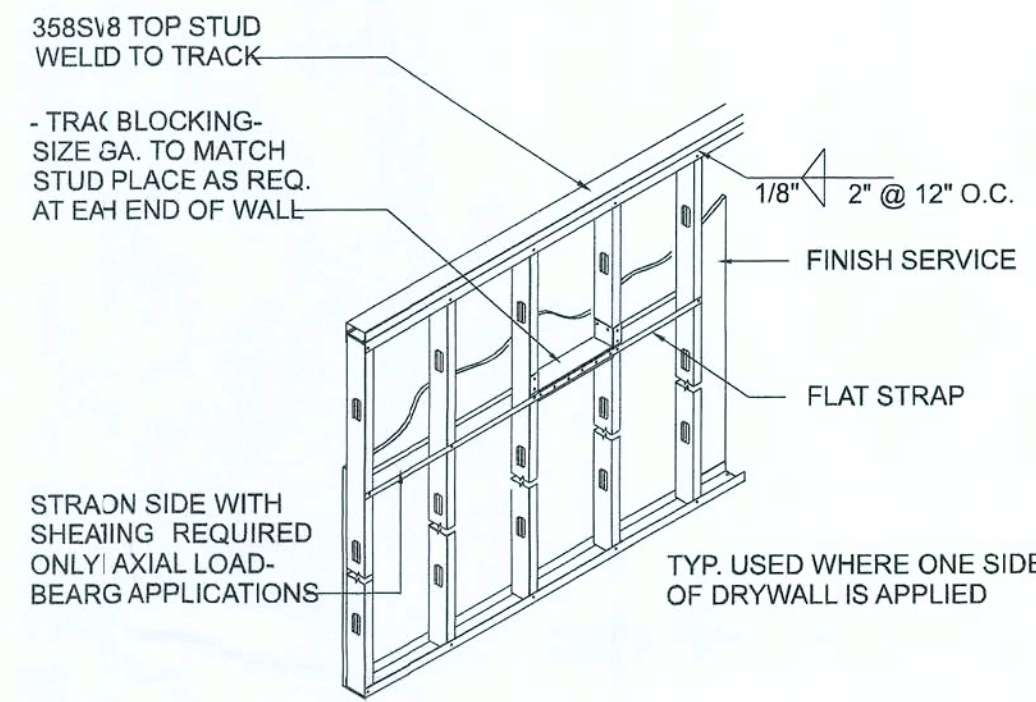
JAMB STUD DETAIL



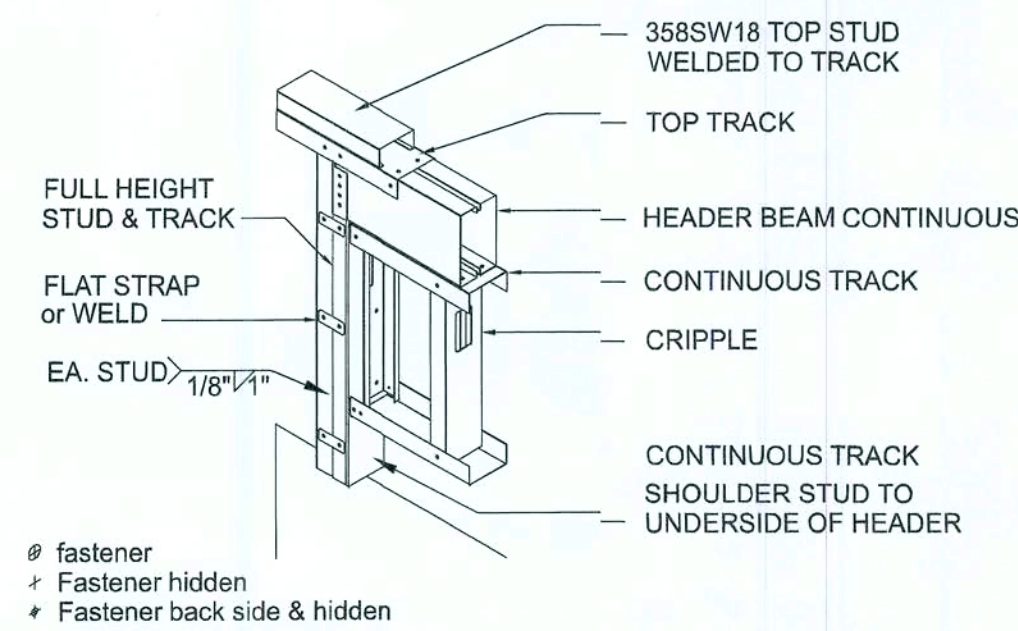
TYPICAL STUD TO TRACK CONNECTIONS



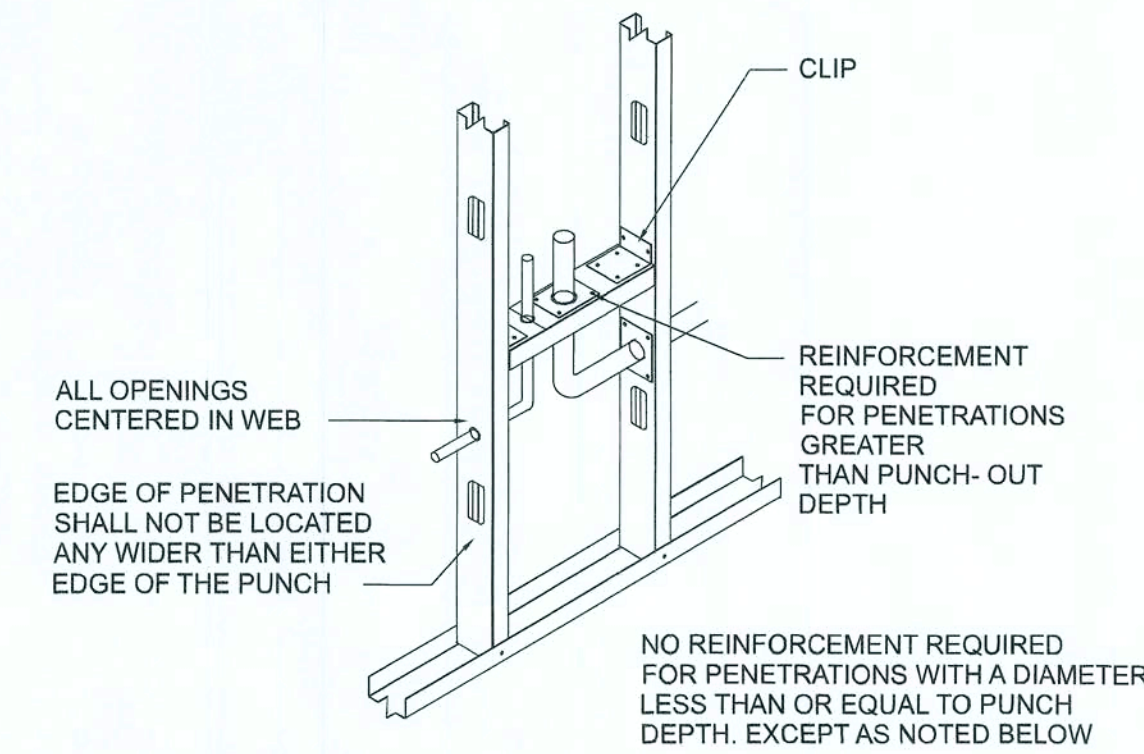
WELDED CRC BRIDGING



FLAT STRAP LATERAL BRACING

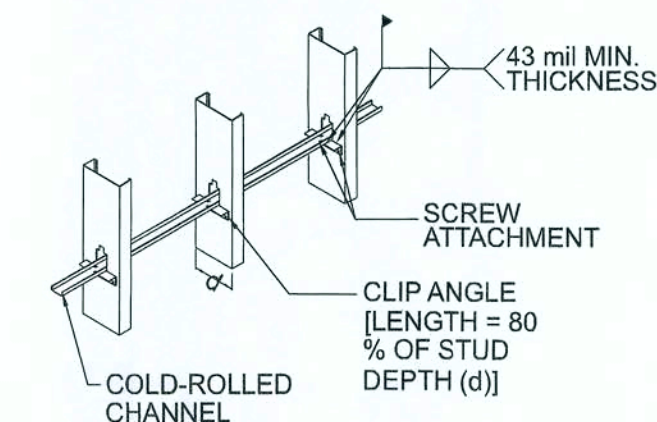


HEADER TO JAMB STUD DETAIL

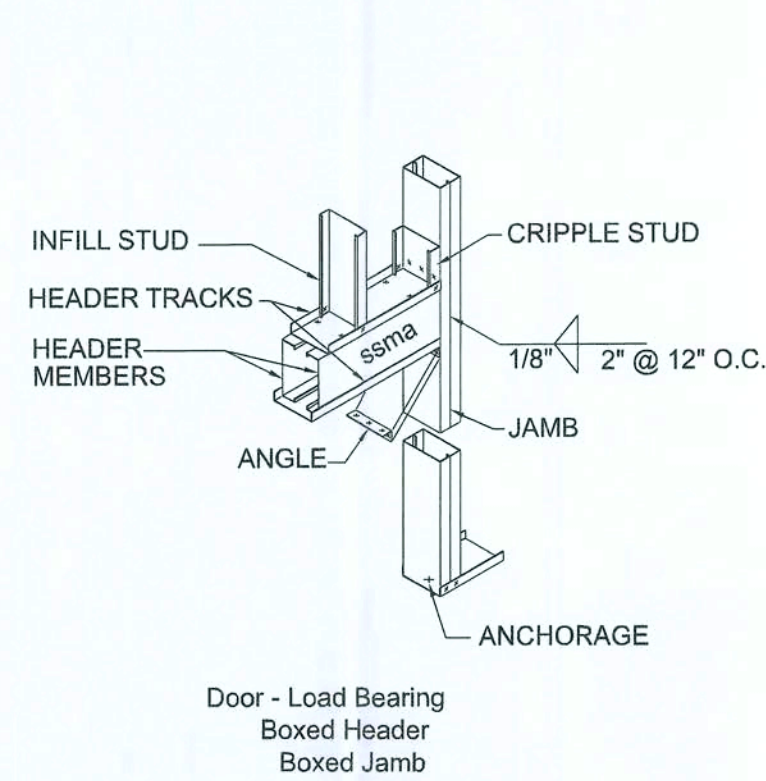


- NOTES:
- FLANGES SHALL NOT BE NOTCHED OR CUT.
  - CAPACITY VERIFICATION BY DESIGN IS REQUIRED FOR ANY OPENINGS LOCATED AT CONCENTRATED LOADS AND BEARING ENDS.
  - APPLICABLE TO TRACK, STUDS, JOISTS & RAFTERS

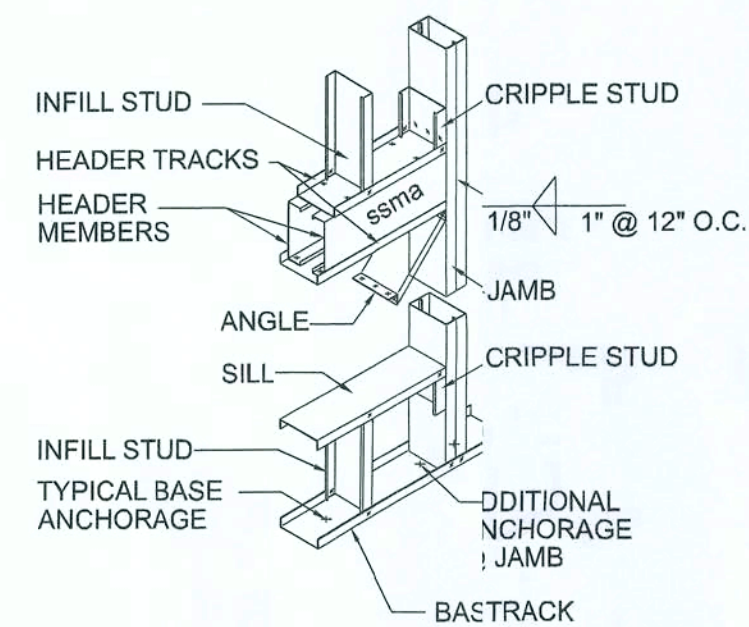
STUD WEB PENETRATIONS



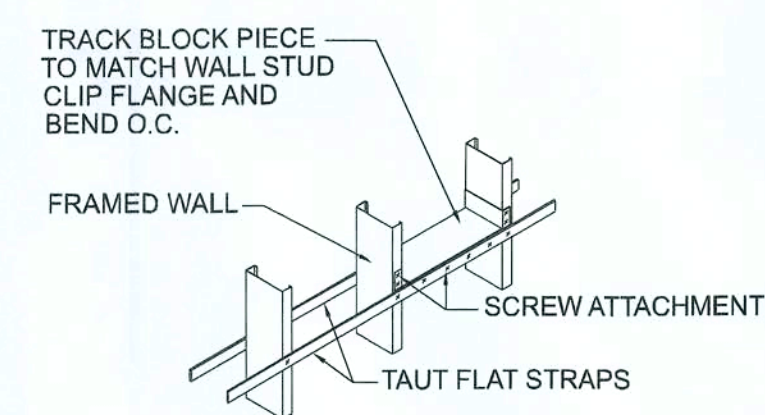
BRIDGING COLD-ROLLED CHANNEL W/CLIP ANGLE



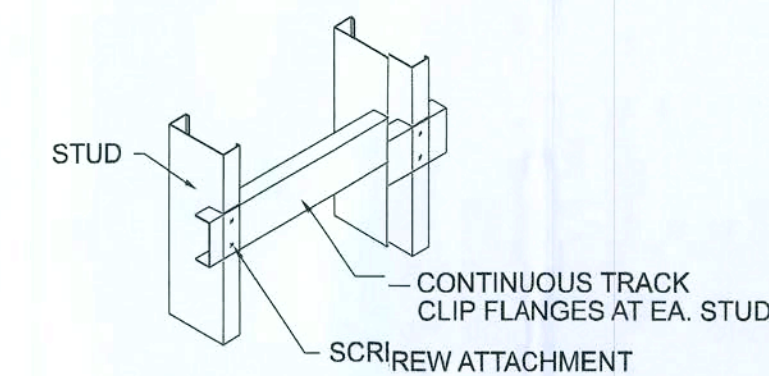
DOOR - LOAD BEARING BOXED HEADER - BOXED JAMB



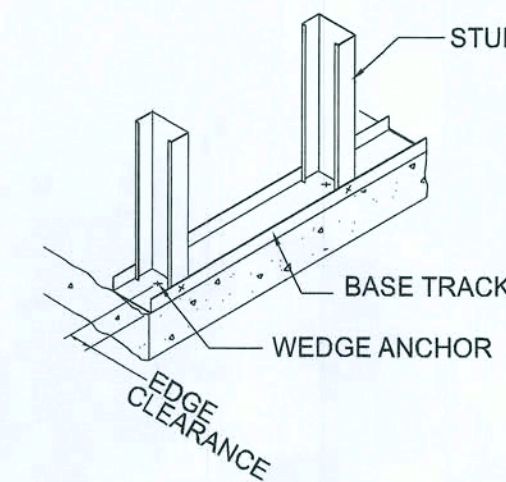
WINDOW - LOAD BEARING BOXED HEADER - BOXED JAMB



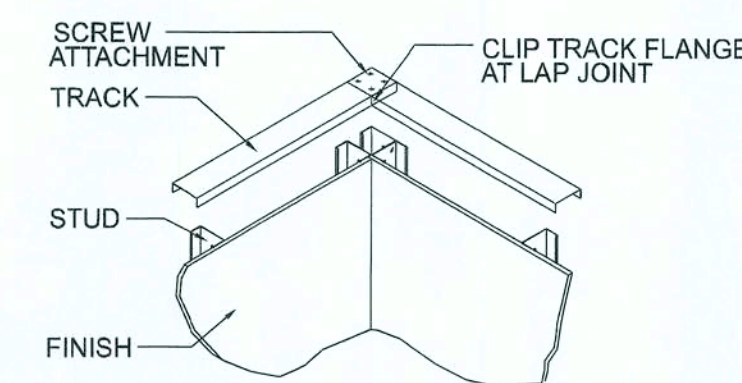
BRIDGING DOUBLE FLAT STRAP W/BLOCKING



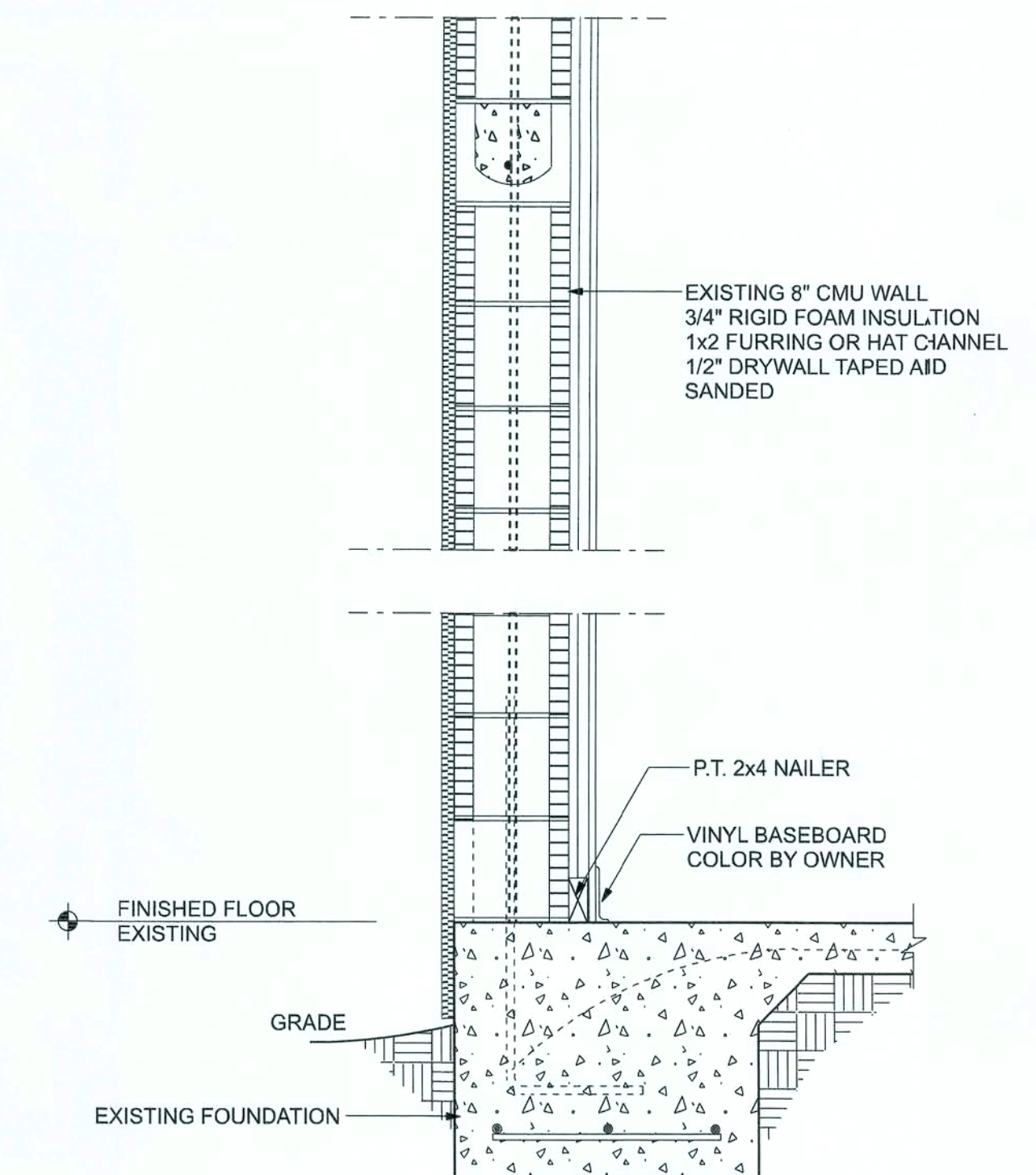
BACKING - CLIPPED TRACK - HVY. LOADED (GRAB BARS, HANDRAILS, WALL HUNG CABINETS)



BOTTOM TRACK WEDGE ANCHOR



CORNER TRACK LAP CONNECTION



WALL SECTION SCALE: NTS

**Metal Stud DETAILS**

SCALE: NONE

NOTE!  
ALL METAL STUDS IN AXIAL LOAD APPLICATIONS SHALL BE 358SW18 MINIMUM, W/ MATCHING TRACK, ALL WELDED JOINTS

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FRAMING DETAILS

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