

24" WIDE. PANELS CUT I" LESS IN LENGTH THAN FLOOR/CEILING HEIGHT. VERTICAL EDGES INSERTED IN 'H' PORTION OF 'C-H' STUDS. FREE EDGE OF END PANELS ATTACHED TO LONG LEG OF VERTICAL 'J' RUNNERS WITH 1-5/8" LONG TYPE S STEEL SCREWS SPACED NOT GREATER THAN 12" O/C WHEN WALL HEIGHT EXCEEDS LINER PANEL LENGTH, LINER PANEL MAY BE BUTTED TO EXTEND TO FULL HEIGHT OF WALL. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING

GYPSUM LINER PANELS TYPE 'X', NOM. I" THICK,

HORIZONTAL SECTION

SHAFT SIDE

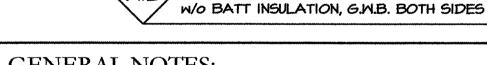
RUNNERS W/UNEQUAL LEGS OF I" \$ 2",

RUNNERS POSITIONED WITH SHORT LEG

FROM ENDS & NOT MORE THAN 24 o/c.

TOWARD FINISHED SIDE OF WALL. ATTACHED

2 HOUR SHAFT WALL - SYSTEM B FIRE RATING: 2 HR DESIGN: UL #U-415 (B) NON-LOAD BEARING S.T.C. RATING: FIRE RATING: 2 HR DESIGN: UL #U-415 (B) 2 1/2" C-H METAL STUDS



- I. ALL PENETRATIONS THROUGH THE FIRE RATED ASSEMBLIES BOTH
- 2. WHERE A TESTING LAB DESIGN NUMBER IS DESIGNATED (I.e., UL, GYPSUM ASSOC., ETC.), PARTITIONS MUST BE CONSTRUCTED IN STRICT ACCORDANCE W/THE TESTED DESIGN ASSEMBLY. REFER TO THE TESTING LABORATORY'S DIRECTORY (I.E., UL FIRE RESISTANCE DIRECTORY - 2006 OR GYPSUM ASSOC, FIRE RESISTANCE DESIGN MANUAL - ITTH EDITION) FOR DETAILS ON MATERIALS AND FASTENER REQUIREMENTS.
- 3. REFER TO TESTING AGENCY REFERENCED FOR FASTENING CRITERIA AND
- 4. COORDINATE LOCATIONS OF WIRING AND PLUMBING WITHIN THE FRAMING.
- 5. ELECTRICAL BOXES LOCATED ON OPPOSITE SIDES OF WALL OR RATED PARTITIONS SHALL BE SEPARATED BY A MINIMUM HORIZONTAL DISTANCE OF 24 INCHES. THE MINIMUM SEPARATION DISTANCE BETWEEN BOXES MAY BE REDUCED WHEN "WALL OPENING PROTECTIVE MATERIALS" (CLIV) ARE INSTALLED ACCORDING TO THE REQUIREMENTS OF THEIR CLASSIFICATION THE SURFACE AREA OF THE INDIVIDUAL BOXES SHALL NOT EXCEED I6 SQ. IN. THE AGGREGATE SURFACE AREA OF THE BOXES SHALL NOT EXCEED 100 SQ.
- 6. REFER TO SPECIFICATIONS FOR THROUGH PENETRATION FIRE STOP



- HORIZONTALLY AND VERTICALLY SHALL BE SEALED WITH FIREPROOFING MATERIALS TO MAINTAIN THE INTEGRITY OF THE ASSEMBLY RATING.
- BACKBLOCKING OF G.W.B. JOINTS. ALL JOINTS AND SCREW HEADS FINISHED.
- IN. PER 100 SQ. FT. OF WALL SURFACE.
- SYSTEMS.

MW DRAWN BY: SO PROJECT #: 300506

PROJECT ARCHITECT:

(C)COPYRIGHT 2007 PRO CON INC

OFFSET 8" FROM FIRST LAYER " CHANNEL SHAPED STEEL STUDS,

RETURN, SPACED 24" o/c MAXIMUM. STUDS TO BE CUT 3/8" TO 3/4" LESS THAN ASSEMBLY HEIGHT

FASTENERS - TYPE 'S' OR 'S-12'

STEEL SCREWS. FIRST LAYER - I"

PANELS, SPACED 16" o/c SECOND

LAYER 1-5/8" LONG SCREWS FOR

1/2" AND 5/8" THICK PANELS,

SPACED 16" o/c WITH SCREWS

FABRICATED FROM 25 MSG.

MIN. I-1/4" FLANGES AND 1/4"

CORROSION-PROTECTED STEEL,

LONG FOR 1/2" AND 5/8" THICK

CHANNEL SHAPED RUNNER TRACK ATTACHED TO FLOOR WITH FASTENERS 24" o/c MAX.

MIN. 25 GA. CORROSION PROTECTED STEEL W/MIN. I" LONG LEGS, SET ON

-FLOOR SLAB

TYPICAL FIRE RATED PARTITION FIRE RATING: 2 HR. DESIGN: #U419

S.T.C. RATING: N/A NON-LOAD BEARING FIRE RATING: I HR. DESIGN: #U419

FIRE RATED SEALANT X X X X X

PROVIDE SLIP TRACK CHANNEL-

GYP. BD. I" FROM CONCRETE

AS MANUFACTURED BY HILTI

HW-S-0053) WHERE OCCURS

DEFLECTION TRACK DETAIL

CONSTRUCTION, INC. (UL #

STUD AT ALL PARTITIONS. HOLD

DECK. PROVIDE CP672 SEALANT

DETAIL B/A4.60

TYP. INT.

STUD WALL CUT I"

SHORT IN

METAL

6" STUD, ONE LAYER OF G.M.B. BOTH SIDES FIRE RATING: 2 HR. DESIGN: #U419

3 5/8" METAL STUDS

FIRE RATING: I HR. DESIGN: #U419

3 5/8" STUDS, ONE LAYER OF G.M.B. BOTH SIDES FIRE RATING: 2 HR. DESIGN: #U419

W/O BATT INSULATION

FIRE RATING: I HR. DESIGN: #U419

* 0506A4.60_SKA4.dwg