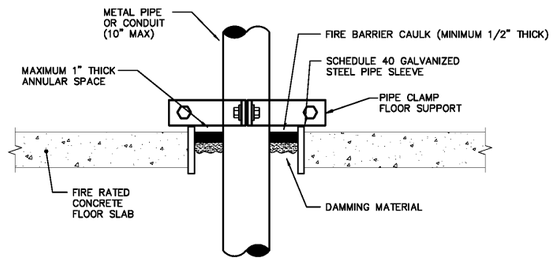
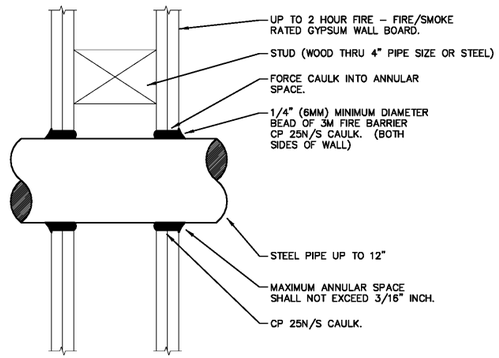


1 FP3.1 FLOOR PENETRATION DETAIL

UL SYSTEM NO. CA-J-1001 (FORMALLY #49) - TYPICAL FOR ALL FLOOR PENETRATIONS

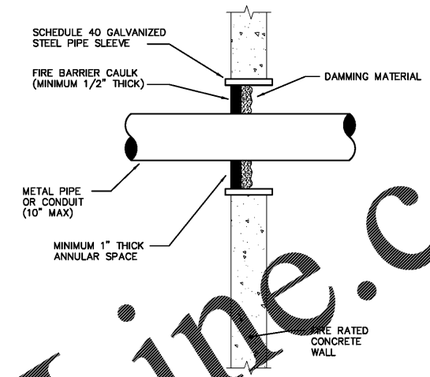
SCALE: NONE



2 FP3.1 PENETRATION FIRESTOP THROUGH GYPSUM WALL BOARD

SYSTEM W-L-1001 (FORMALLY SYSTEM #147)

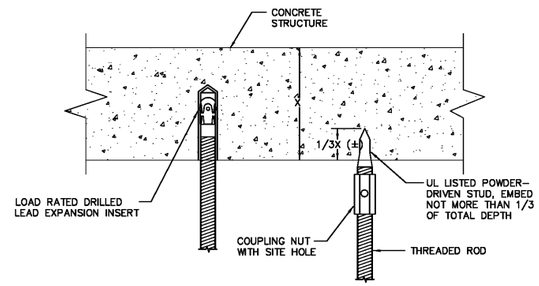
SCALE: NONE



3 FP3.1 PIPE PENETRATION THRU CONCRETE WALL

UL SYSTEM CA-J-1001 (FORMALLY #49)

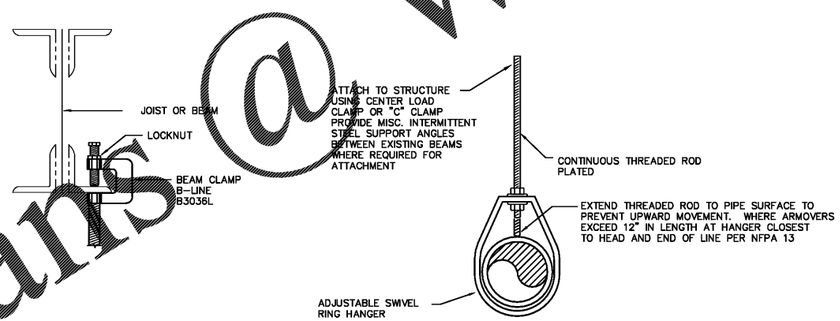
SCALE: NONE



A PULL-OUT ULTIMATE LOAD TEST SHALL BE PERFORMED FOR POWDER-DRIVEN STUDS ON FOUR REPRESENTATIVE SAMPLES, AT 1200 LBS. IF ANY ANCHOR FAILS, ONLY LEAD EXPANSION ANCHORS SHALL BE USED. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. PIPING 4" AND LARGER SHALL UTILIZE LEAD EXPANSION ANCHORS.

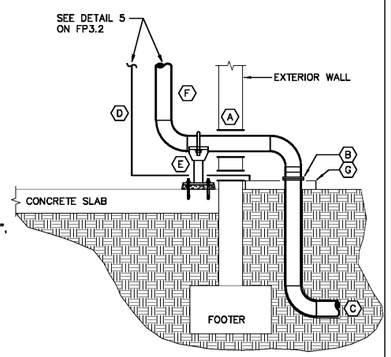
4 FP3.1 UPPER ATTACHMENT TO STRUCTURE

SCALE: NONE



5 FP3.1 PIPE HANGER DETAIL

SCALE: NONE



- (A) SLEEVE AND CAULK WALL PENETRATIONS, SEE SPECIFICATIONS.
- (B) PROVIDE COMPATIBLE FLANGE BETWEEN RISER PIPING AND UNDERGROUND PIPING.
- (C) UNDERGROUND PIPE, SEE CIVIL DRAWINGS FOR CONTINUATION.
- (D) 2" MAIN DRAIN LINE WITH SIGN "MAIN DRAIN", DISCHARGE TO OUTSIDE AT FLOOR LEVEL
- (E) PIPE STAND, SEE DETAIL.
- (F) BUILDING RISER
- (G) 18" LONG CONCRETE SPLASH BLOCK

6 FP3.1 BUILDING FIRE PROTECTION PIPE ENTRY DETAIL

SCALE: NONE

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CONSTRUCTION DOCUMENTS

Comm. No:	16117.00
Job No:	117030
Date:	10-23-17
Drawn:	BAR

Revisions

No.	Date	Note

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MIN.MUM BUILDING CODES.

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JLRD Project #117030

FP3.1