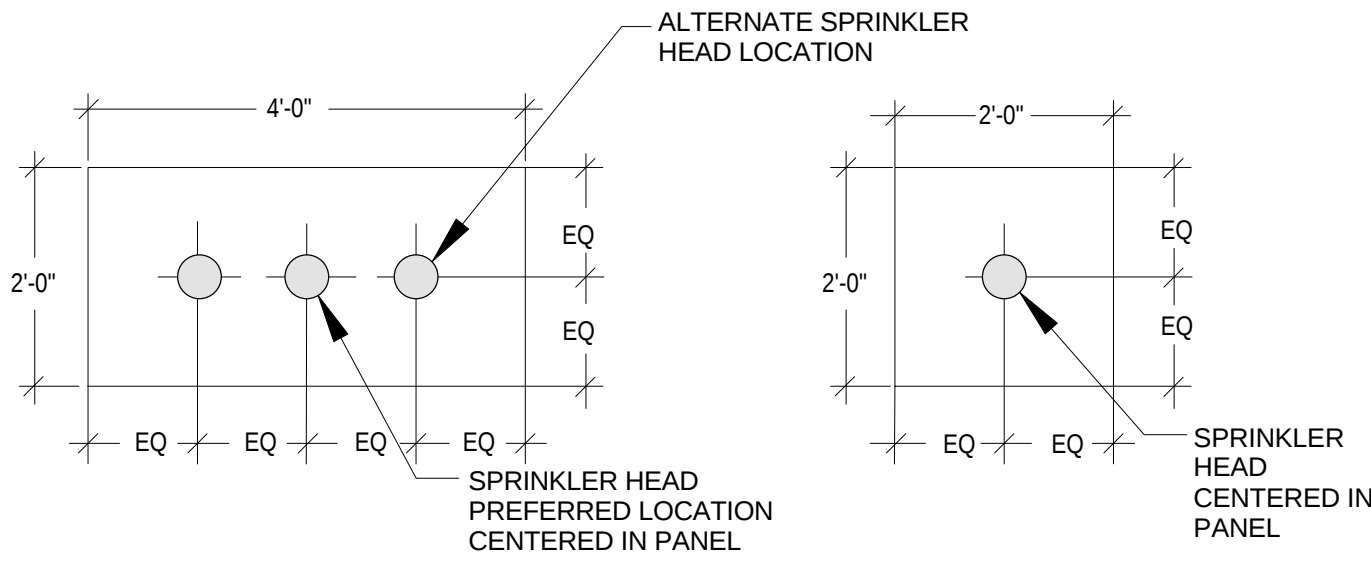
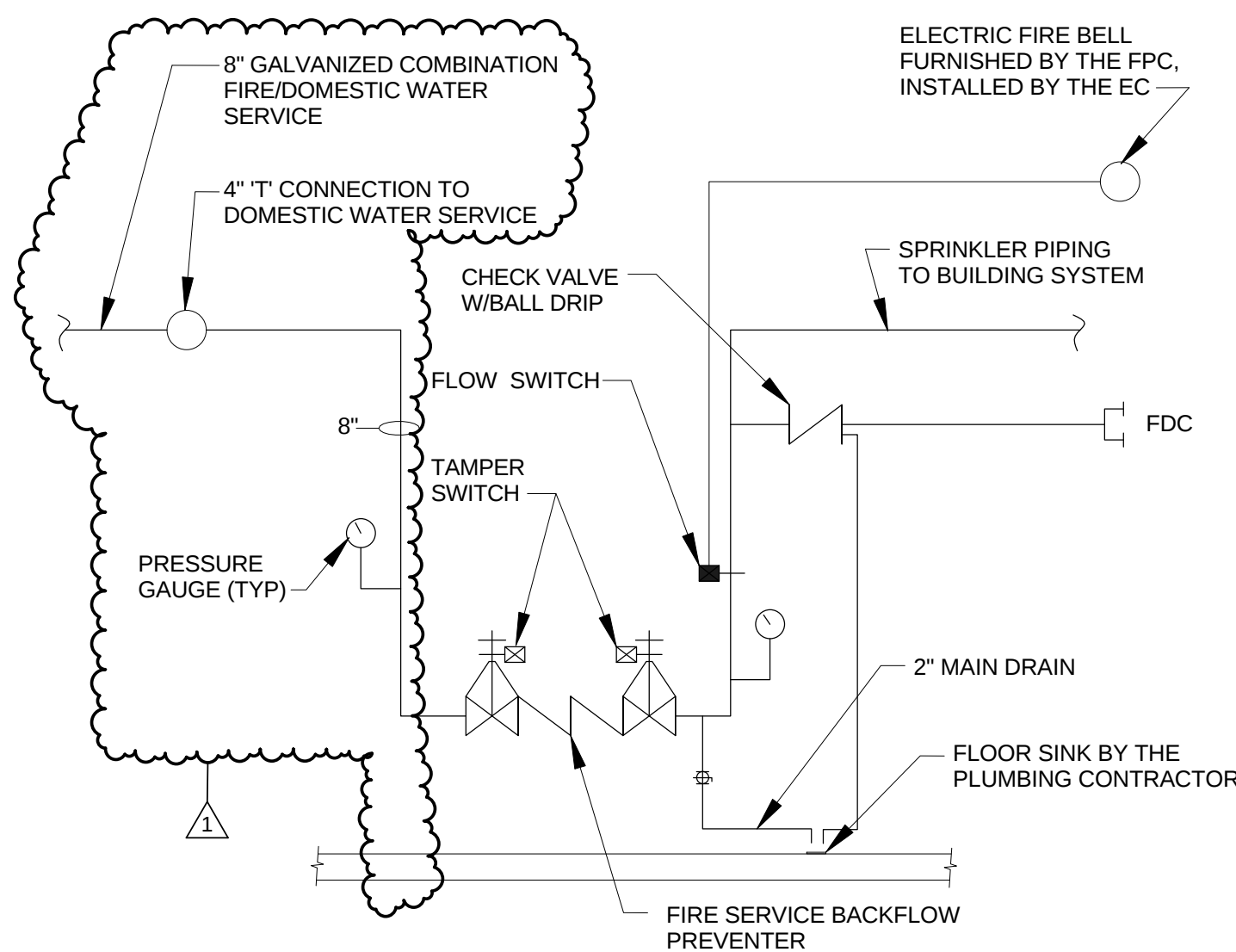




- NOTES:
- PENETRATIONS OF 1x4 OR 2x4 CEILING PANELS BY SPRINKLER HEADS SHALL BE CENTERED IN THE SHORT DIMENSION AND EITHER CENTERED OR AT 1/4 POINTS IN THE LONG DIMENSION.
 - CEILING TILES THAT ARE CUT ALONG A PARTITION THE PENETRATION FOR SPRINKLER HEADS SHALL BE CENTERED BETWEEN THE GRID AND THE PARTITION.
 - FOR A 2x2 CEILING TILE, THE PENETRATIONS FOR SPRINKLER HEADS SHALL BE CENTERED IN THE PANEL.
 - MAINTAIN CLEARANCES BETWEEN THE SPRINKLER HEAD AND OTHER CEILING MOUNTED OR RECESSED OBJECTS AS REQUIRED BY NFPA 13.

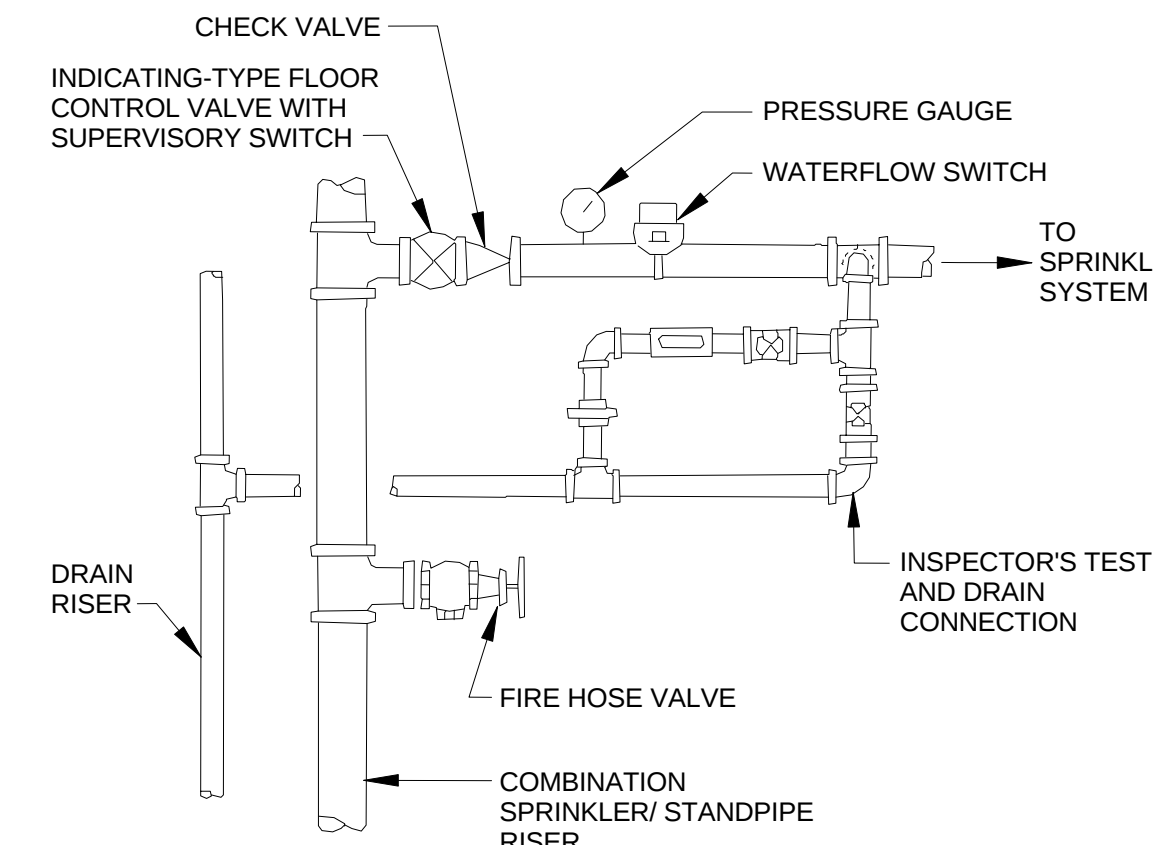
1 TYPICAL CEILING PANEL PENETRATION DETAIL

FP0501 SCALE: N.T.S.



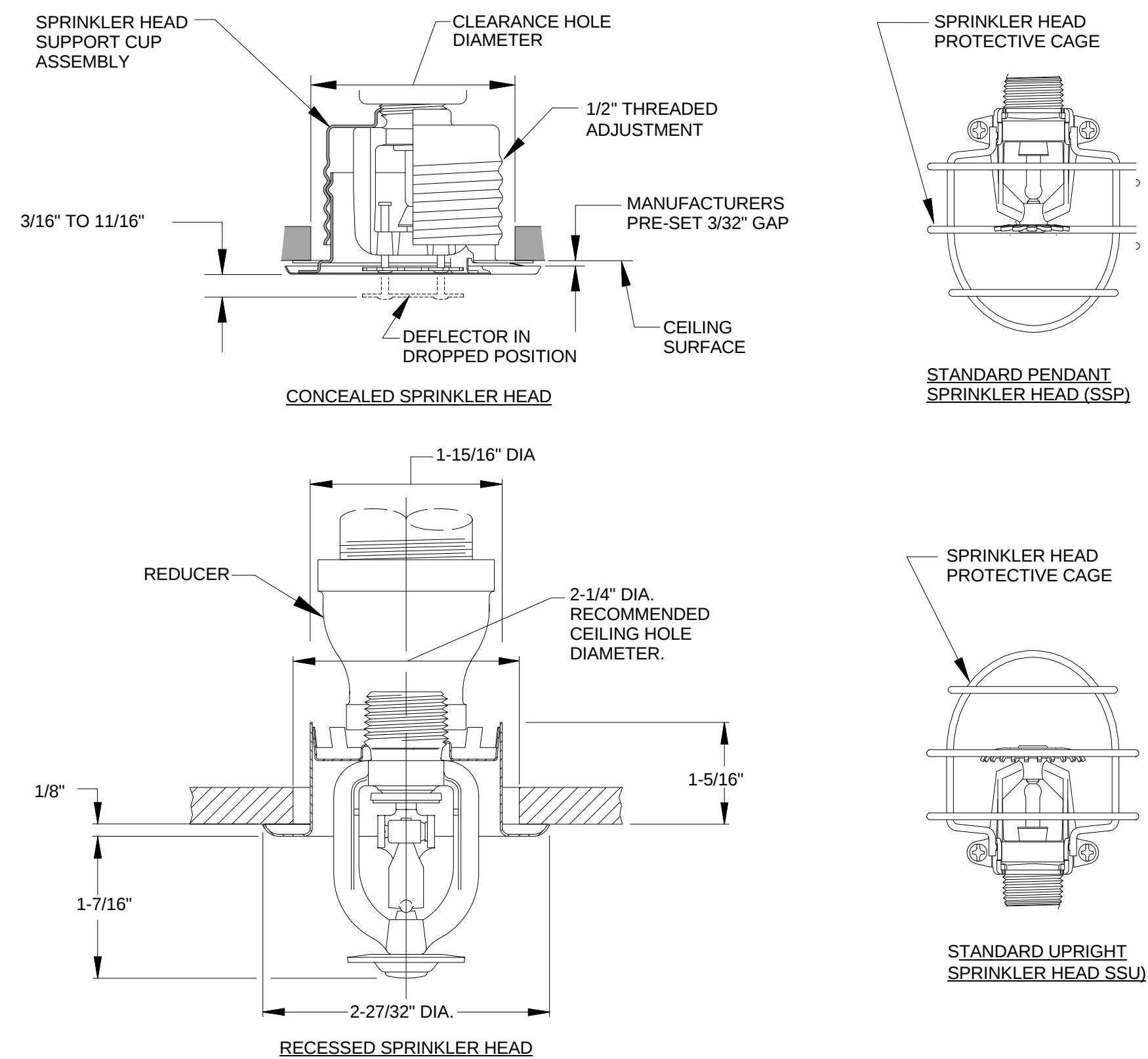
2 TYPICAL FIRE SERVICE ENTRANCE DETAIL

FP0501 SCALE: N.T.S.



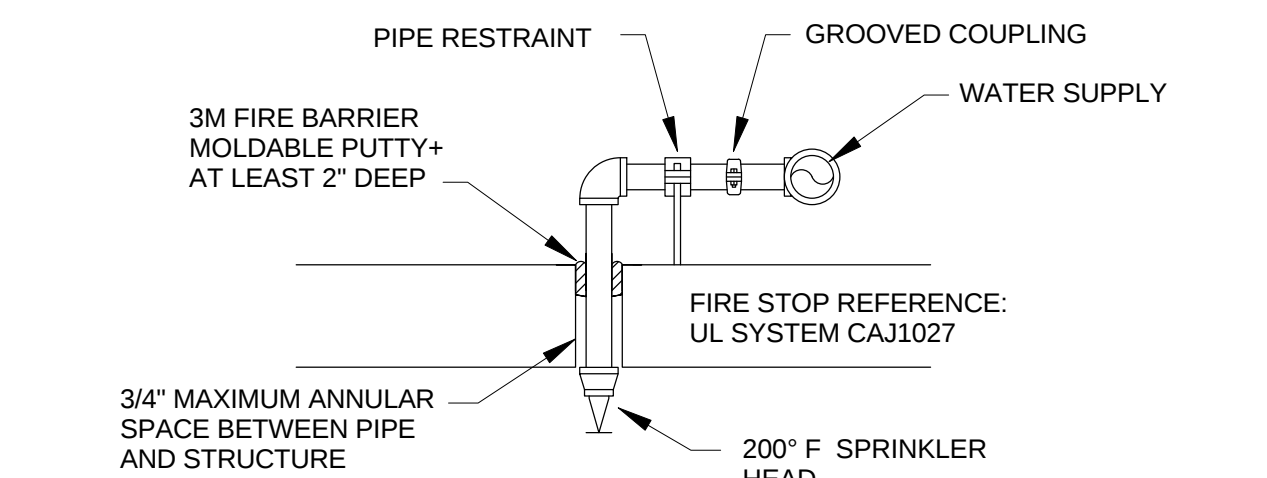
3 TYPICAL COMBINED SERVICE DETAIL

FP0501 SCALE: N.T.S.



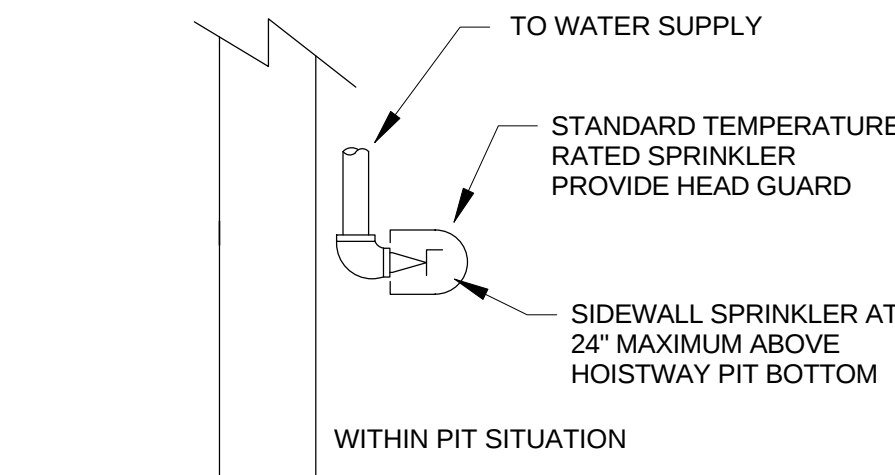
4 TYPICAL FIRE SPRINKLER HEAD DETAIL

FP0501 SCALE: N.T.S.



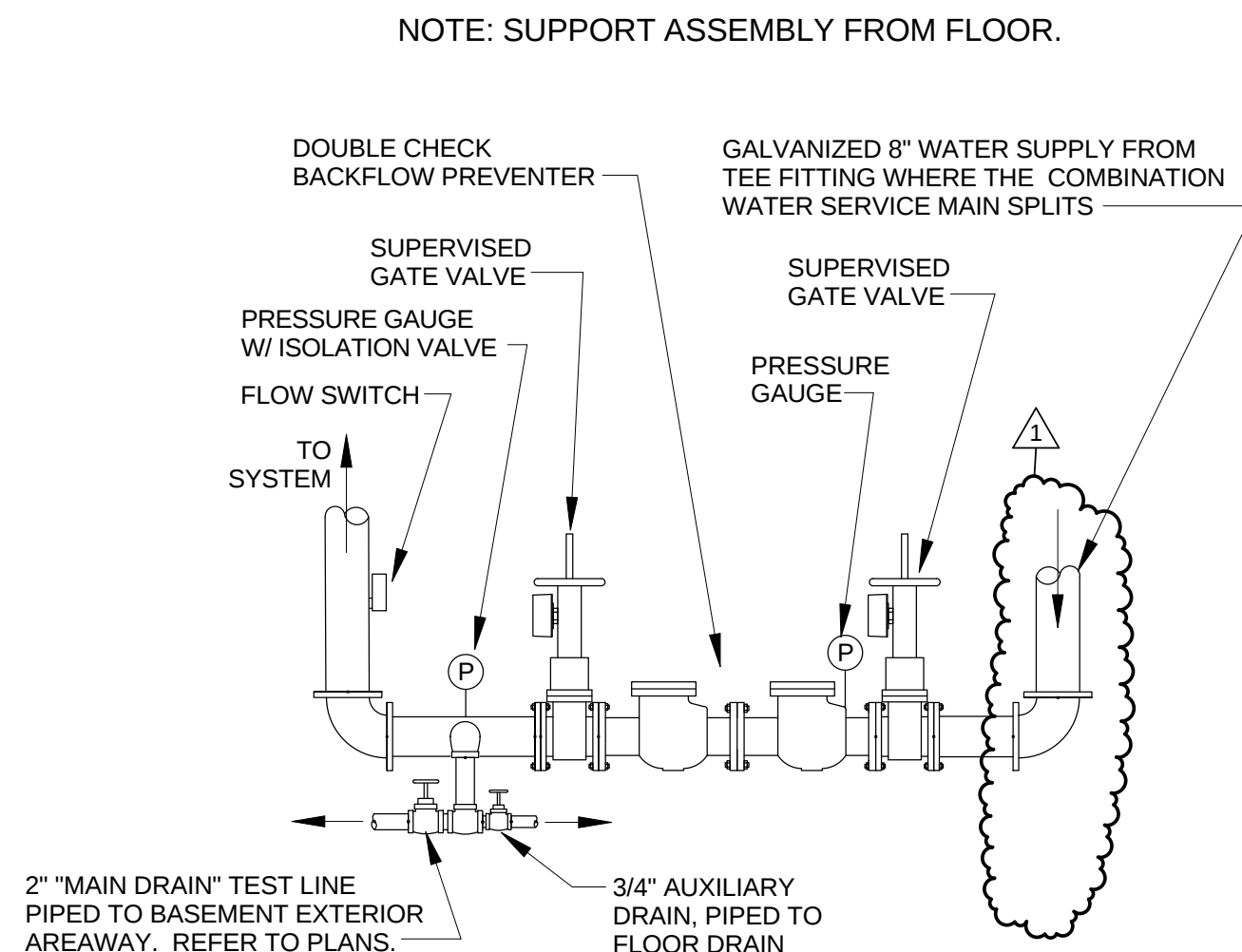
5 TOP OF ELEVATOR HOISTWAY SPRINKER

FP0501 SCALE: N.T.S.



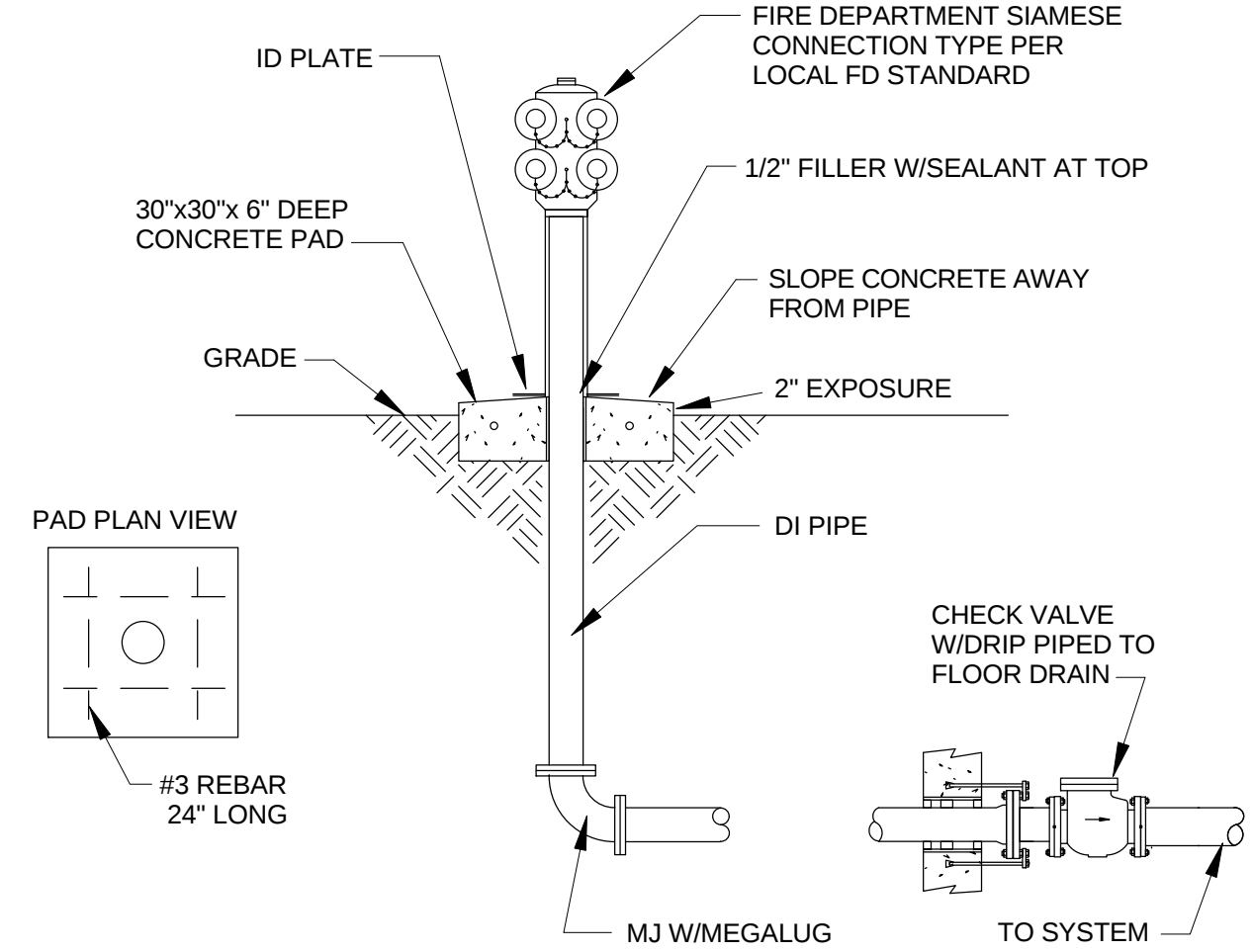
6 ELEVATOR PIT SPRINKLER

FP0501 SCALE: N.T.S.



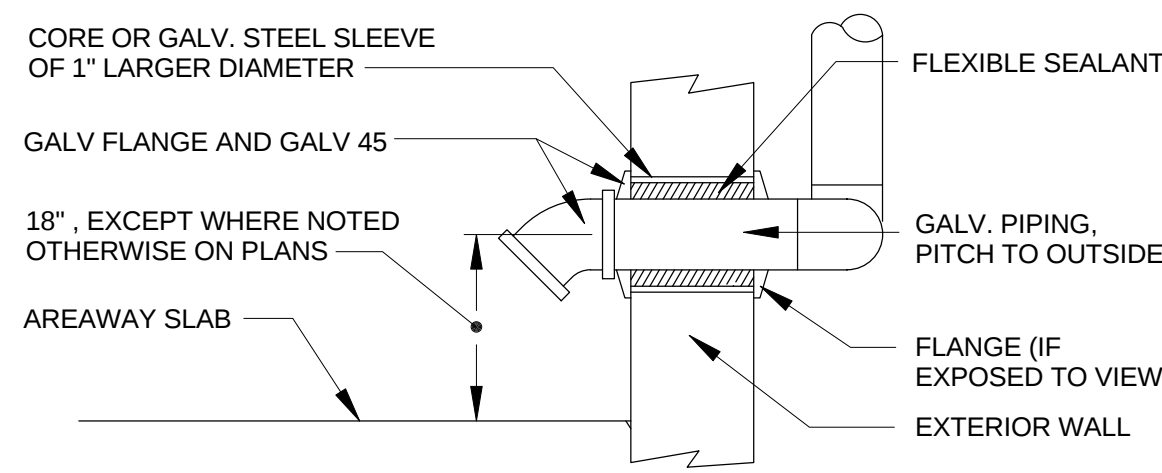
7 BACKFLOW PREVENTER ASSEMBLY

FP0501 SCALE: N.T.S.



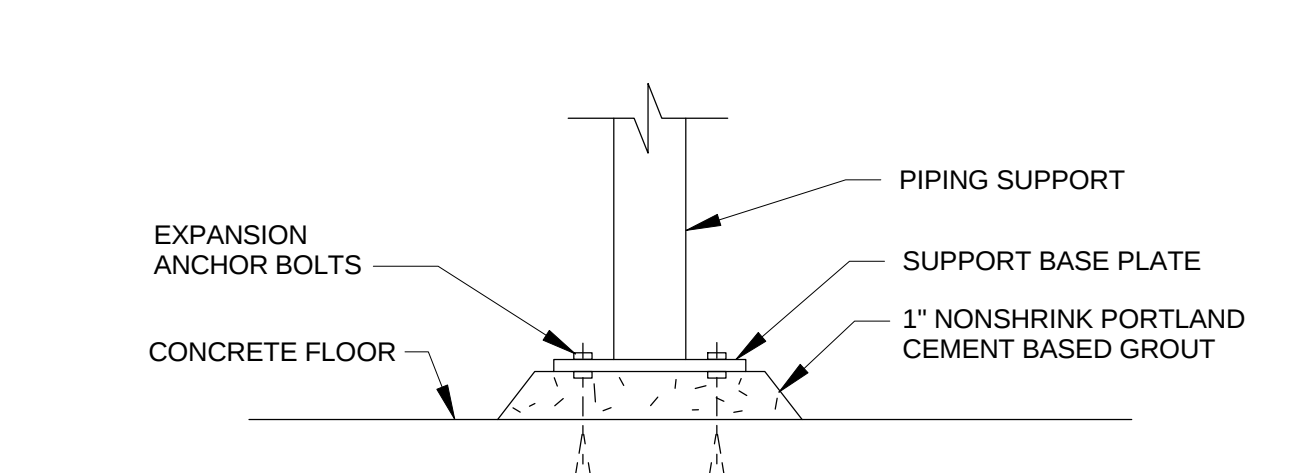
8 SIAMESE CONNECTION

FP0501 SCALE: N.T.S.



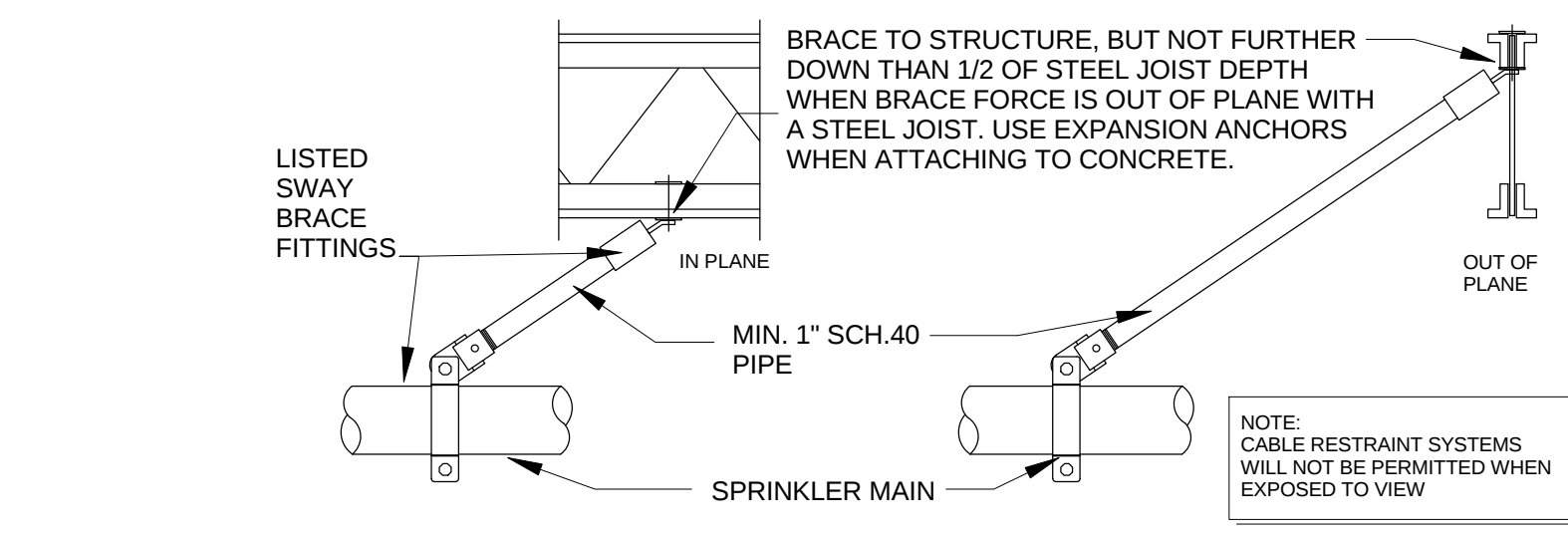
9 "MAIN DRAIN" TEST DISCHARGE THROUGH EXTERIOR WALL

FP0501 SCALE: N.T.S.



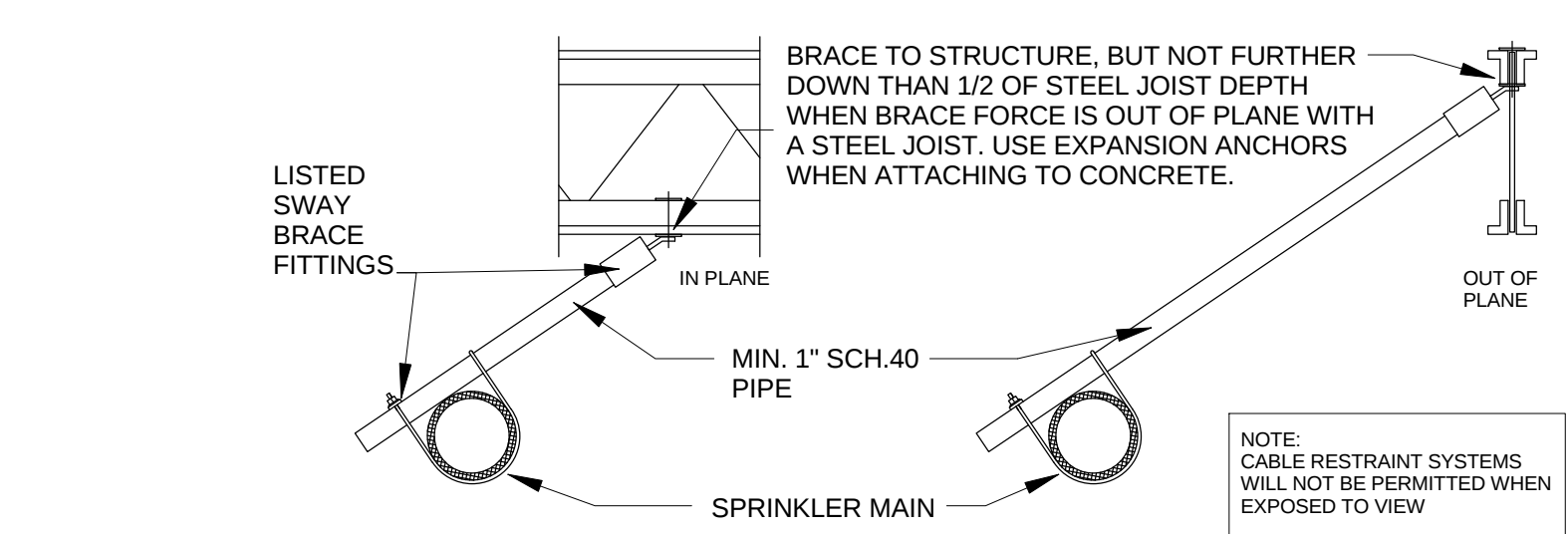
10 PIPING SUPPORT BASE DETAIL

FP0501 SCALE: N.T.S.



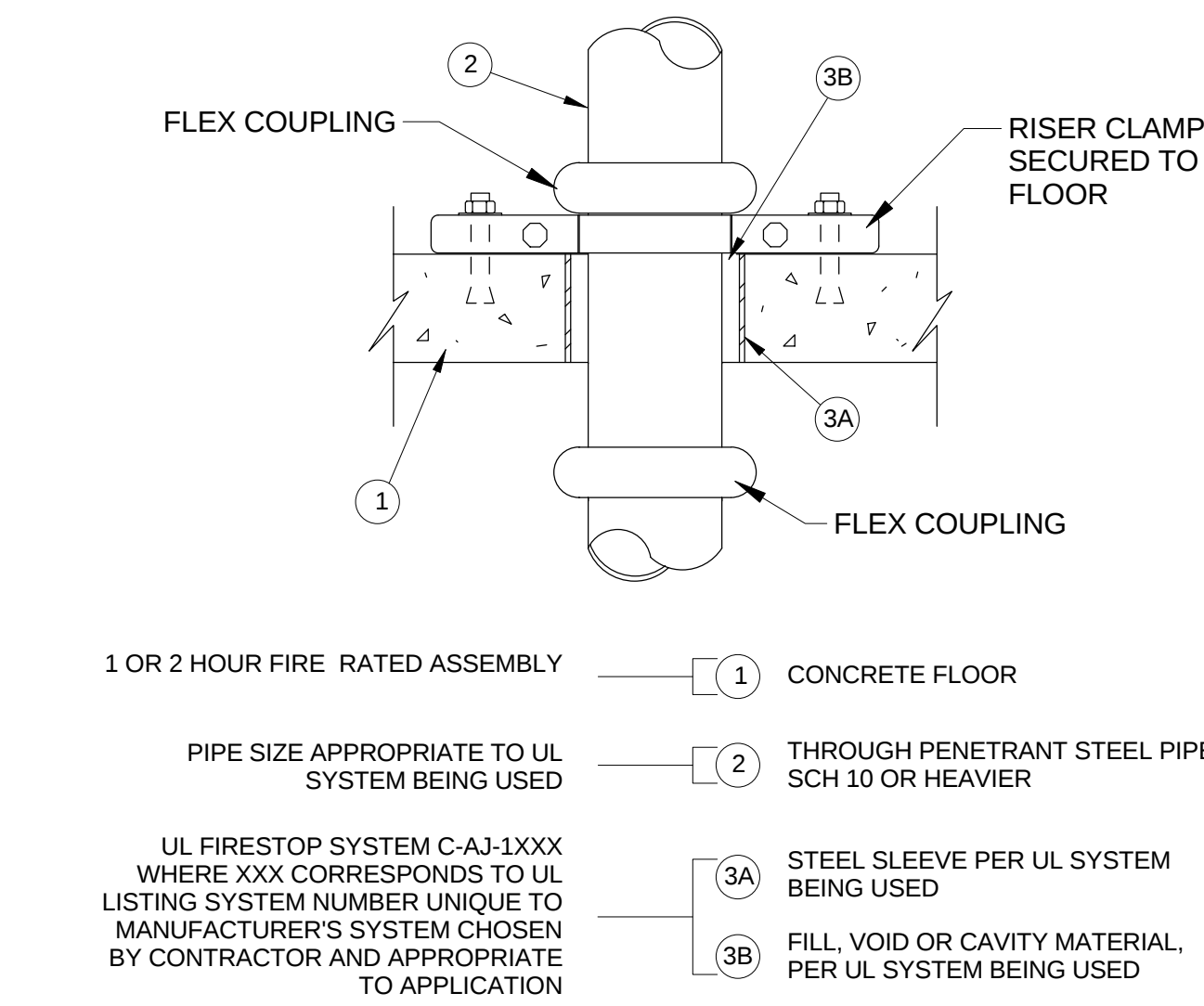
11 LONGITUDINAL SWAY BRACE DETAIL

FP0501 SCALE: N.T.S.



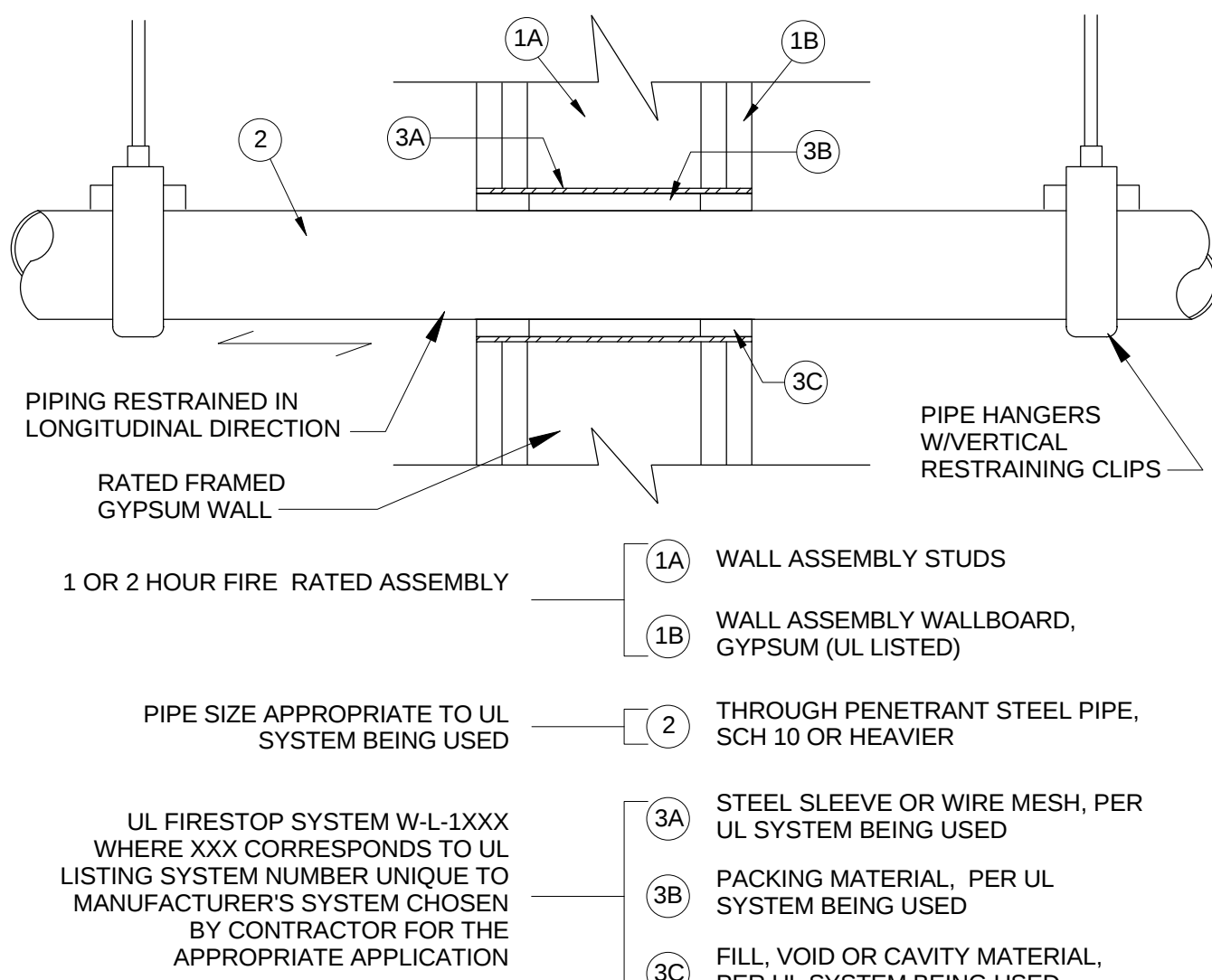
12 LATERAL SWAY BRACE DETAIL

FP0501 SCALE: N.T.S.



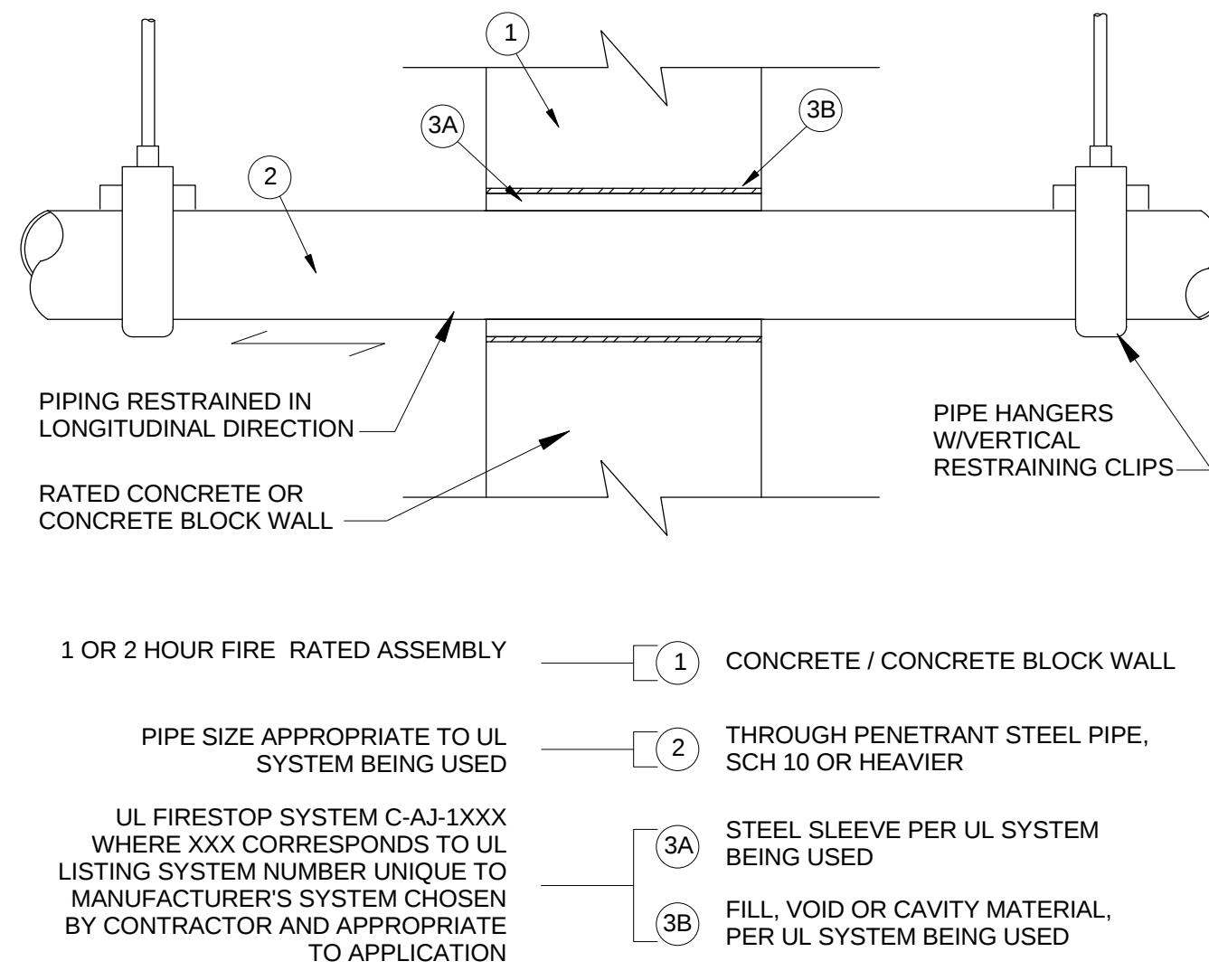
13 UL FIRESTOP SYSTEM C-AJ-1xxx 1 OR 2 HOUR, THROUGH-PENETRATION SYSTEM XHEZ FOR METALLIC PIPE

FP0501 SCALE: N.T.S.



14 UL FIRESTOP SYSTEM W-L-1xxx 1 OR 2 HOUR, THROUGH-PENETRATION SYSTEM XHEZ FOR METALLIC PIPE

FP0501 SCALE: N.T.S.



15 UL FIRESTOP SYSTEM C-AJ-1xxx 1 OR 2 HOUR, THROUGH-PENETRATION SYSTEM XHEZ FOR METALLIC PIPE

FP0501 SCALE: N.T.S.

CONFORMED SET 01 JUL 2016

1 ADDENDUM 2-1 17 MAR 2016
ISSUED FOR CONSTRUCTION (BP2) 01 MAR 2016
No. Description Date

Drawing Title:

DETAILS - FIRE
PROTECTION

Project No.: 04561.01 Checked by:

FP0501