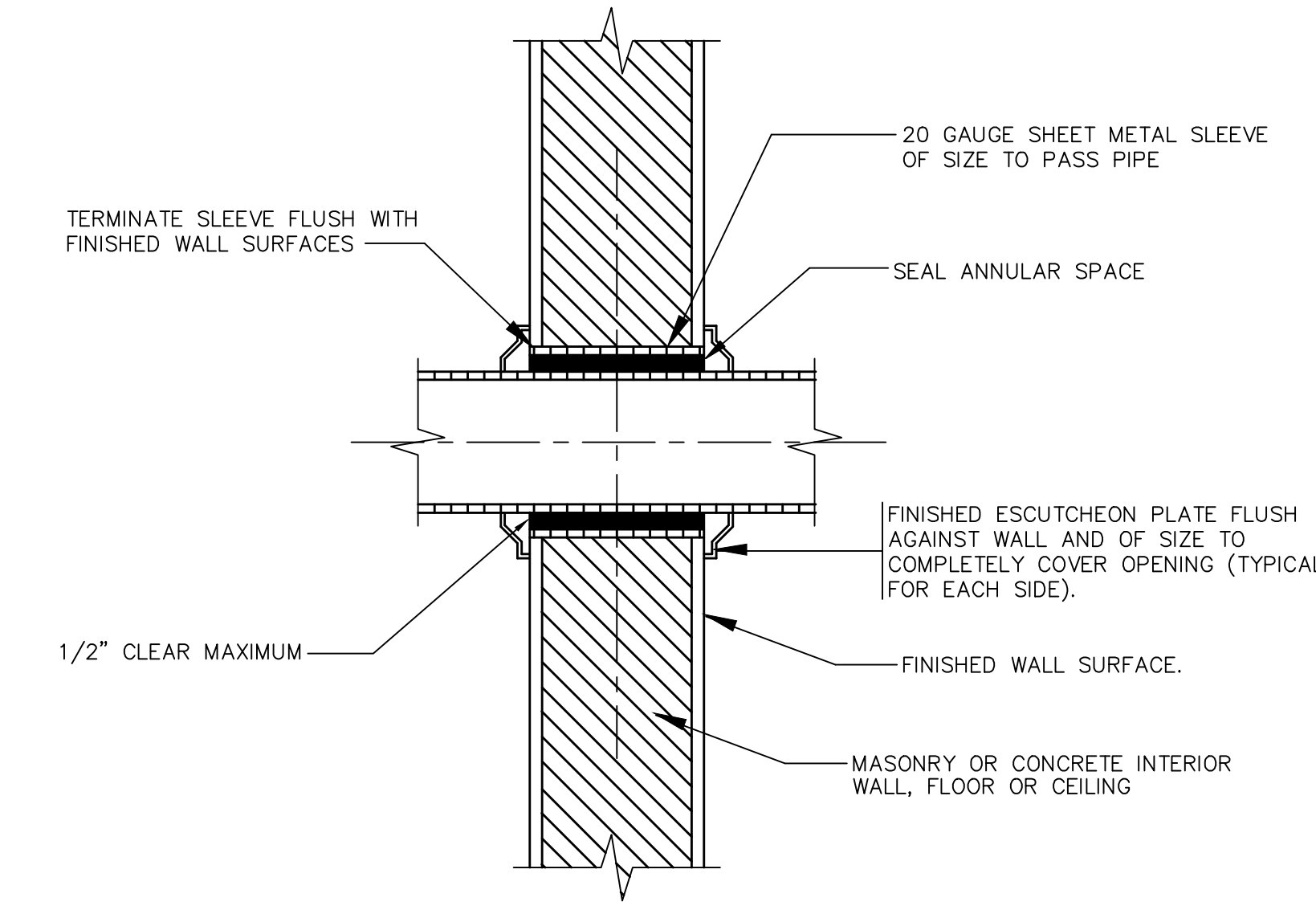
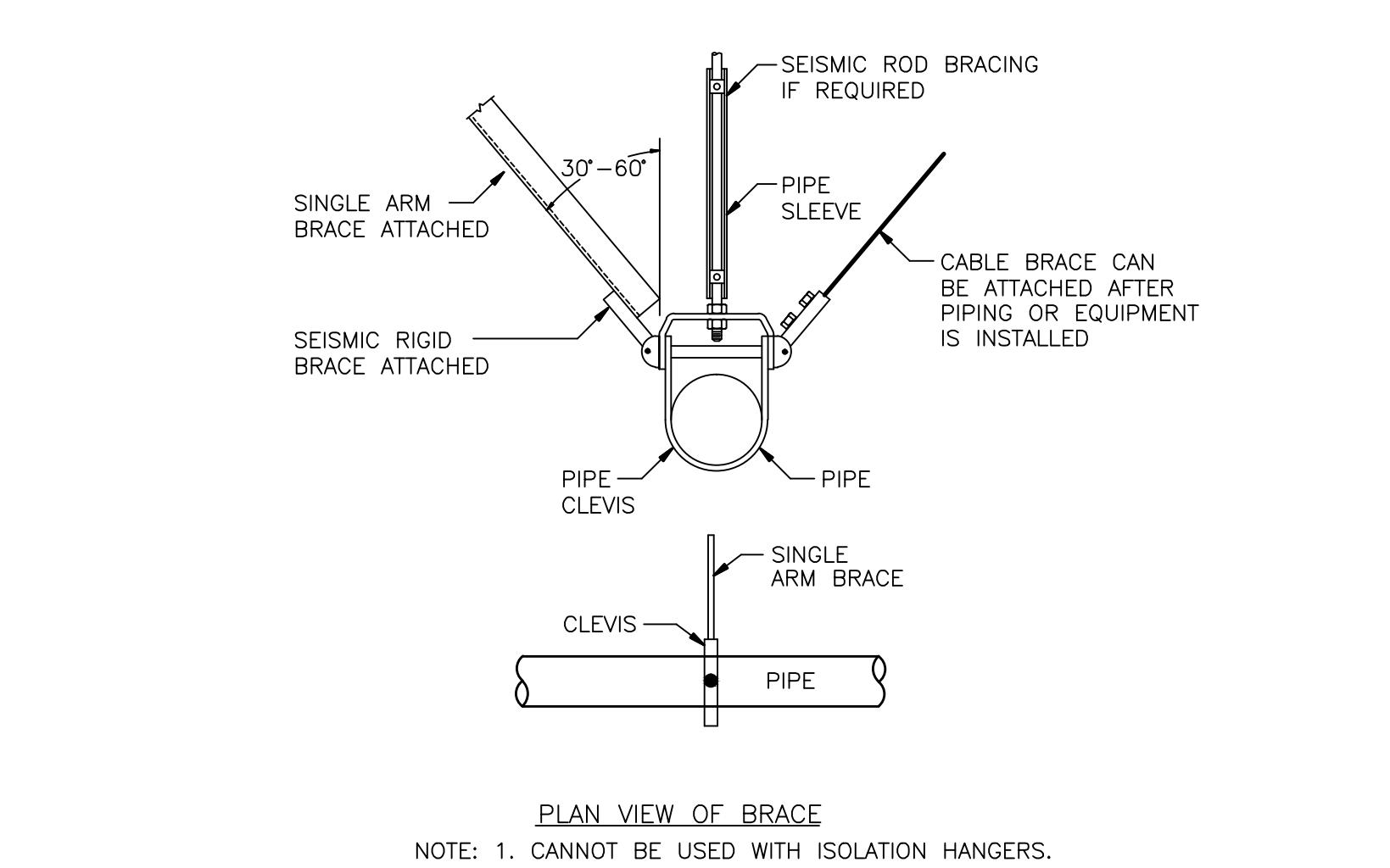


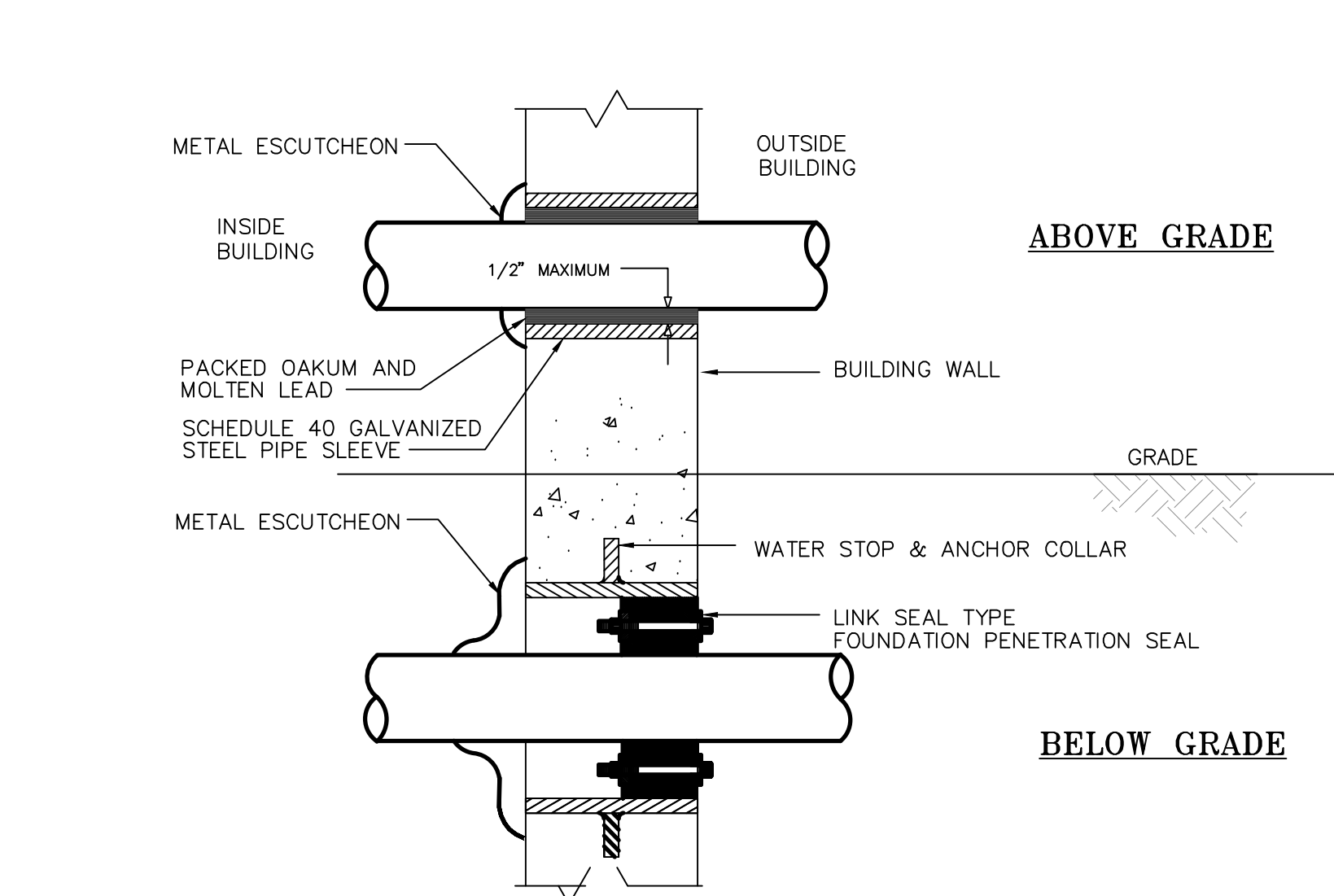
PIPE PENETRATING THROUGH FIRE RATED WALL OR FLOOR  
NOT TO SCALE



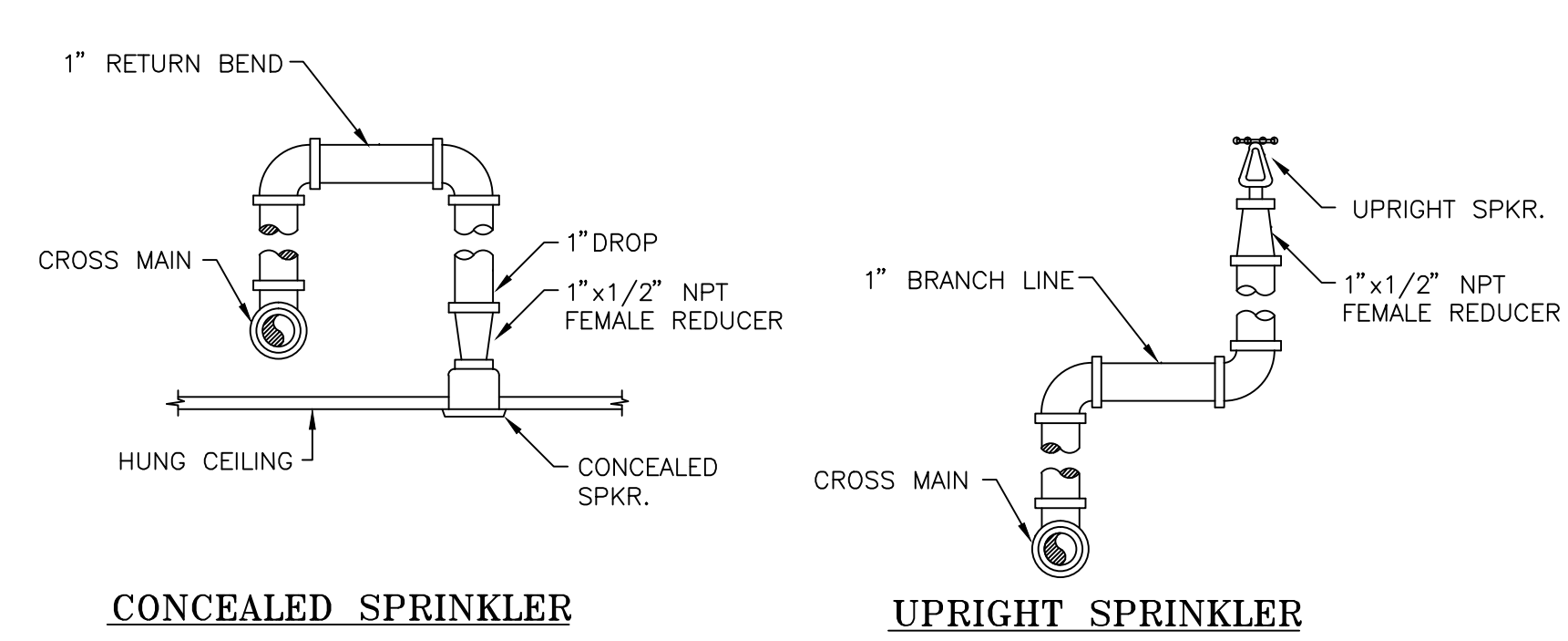
PIPE PENETRATING THROUGH INTERIOR WALL, FL. OR CEILING  
NOT TO SCALE



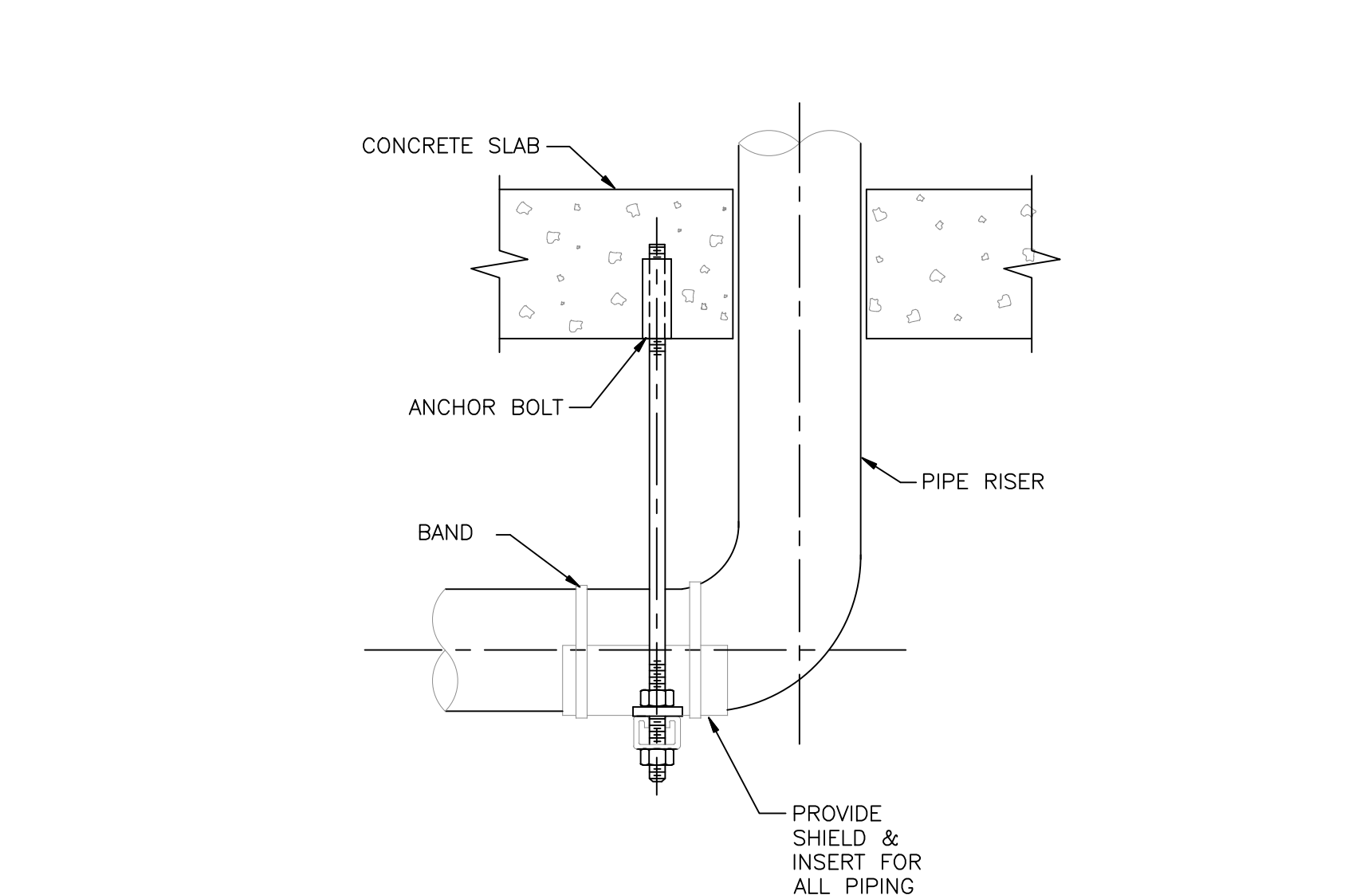
TRANSVERSE ARM BRACE FOR CLEVIS HUNG PIPING  
NOT TO SCALE



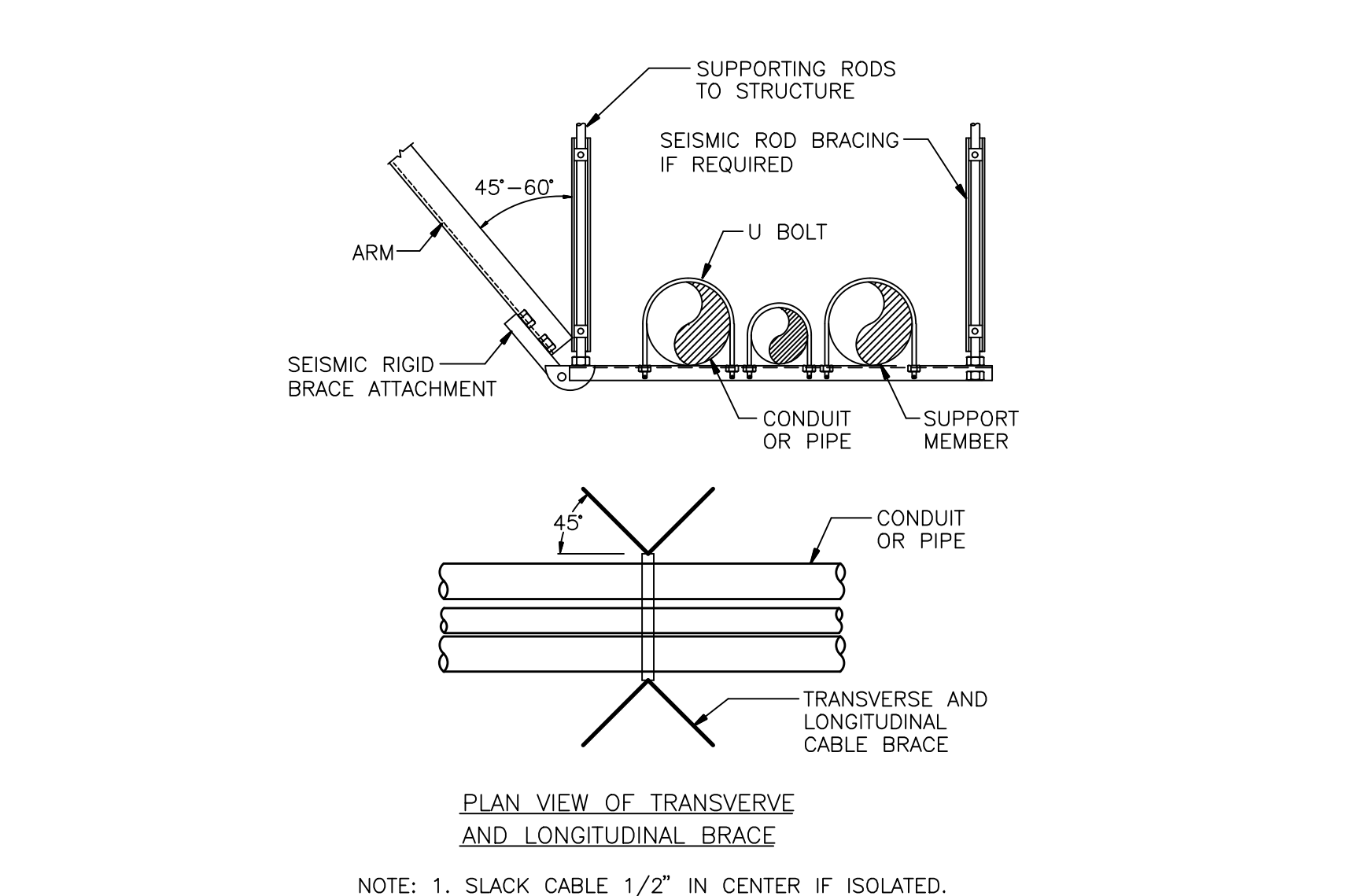
PIPE PENETRAING THROUGH EXTERIOR WALL  
NOT TO SCALE



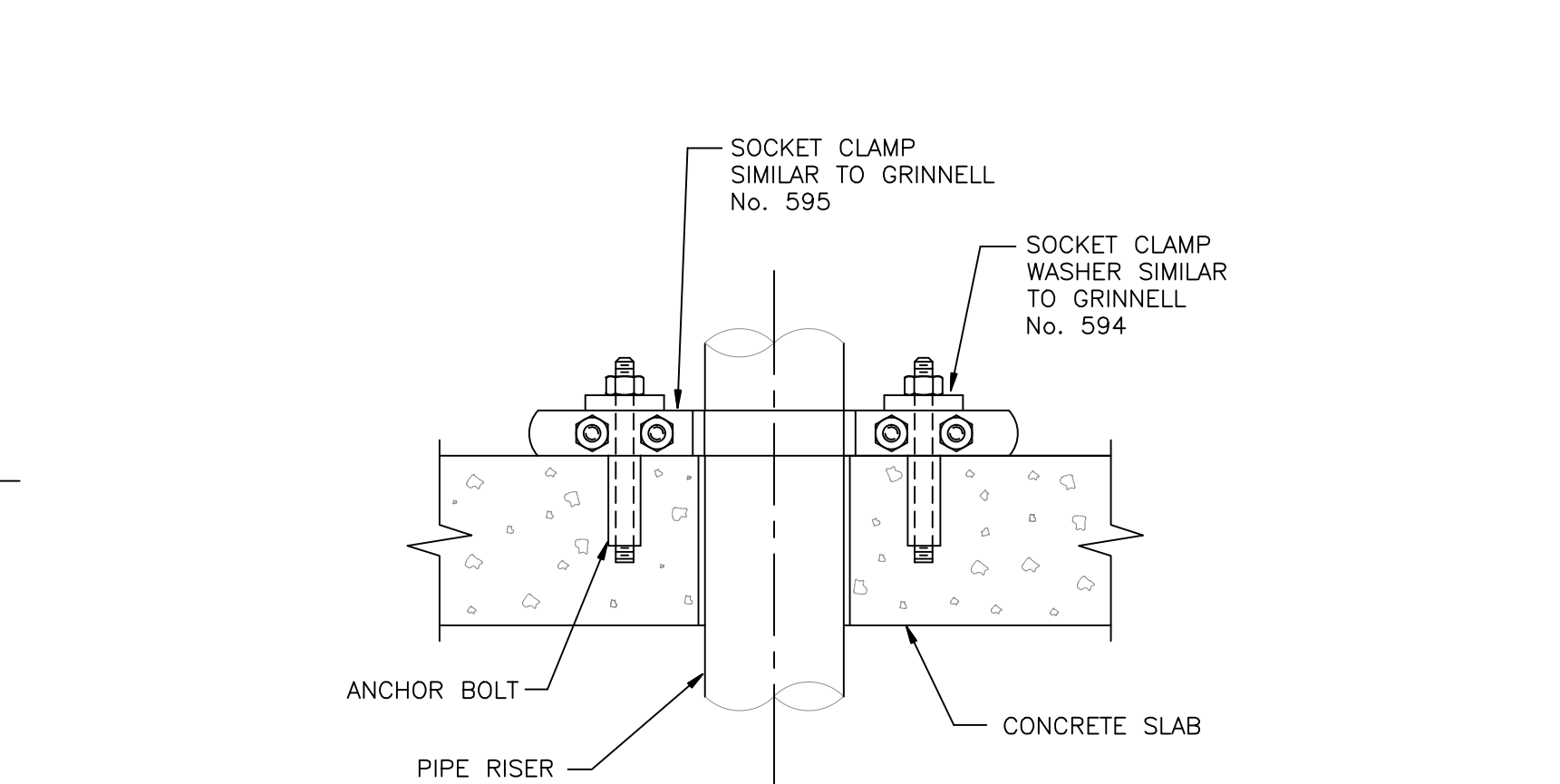
CONCEALED SPRINKLER  
NOT TO SCALE



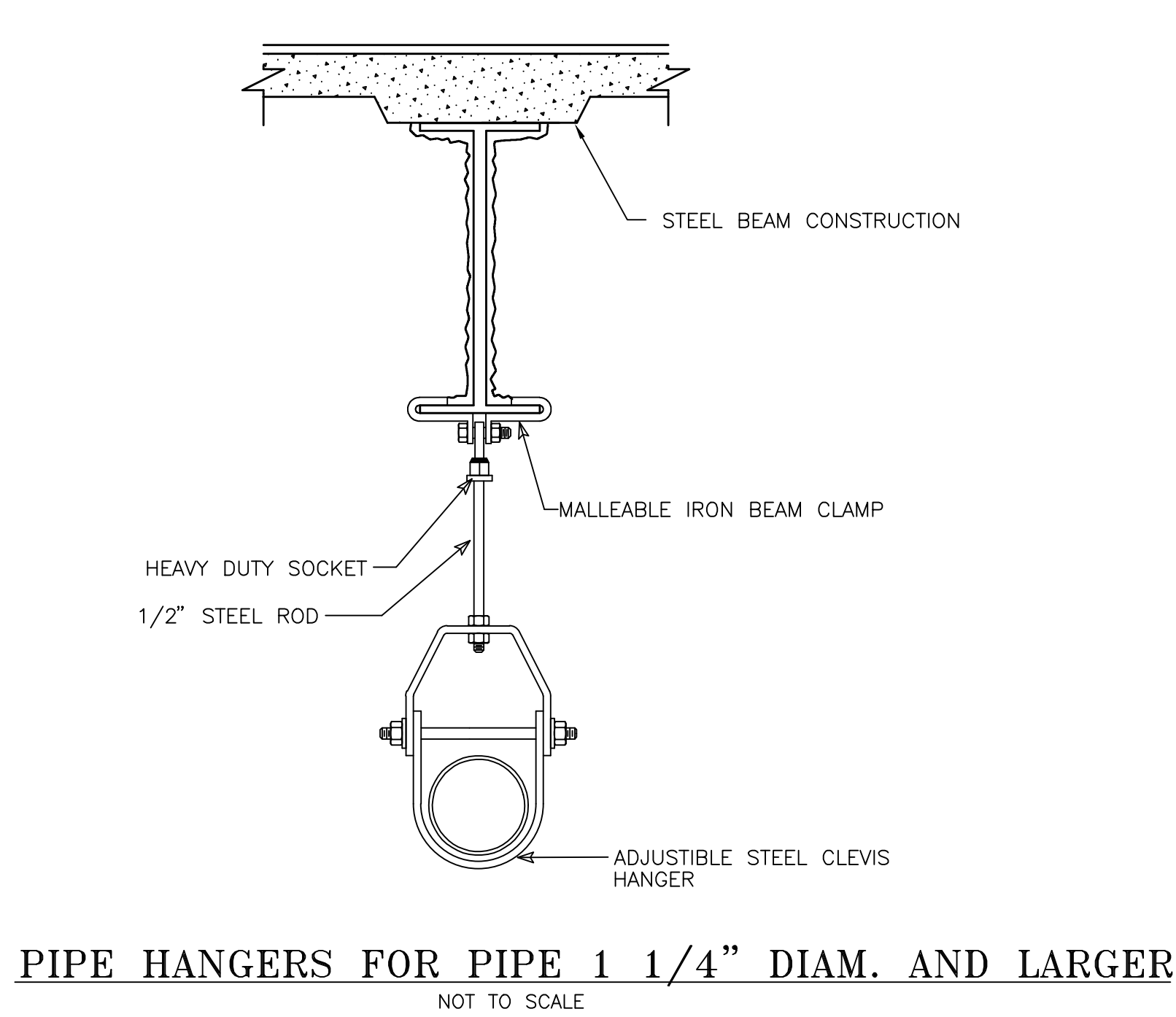
SIDE VIEW TRAPEZE HANGER



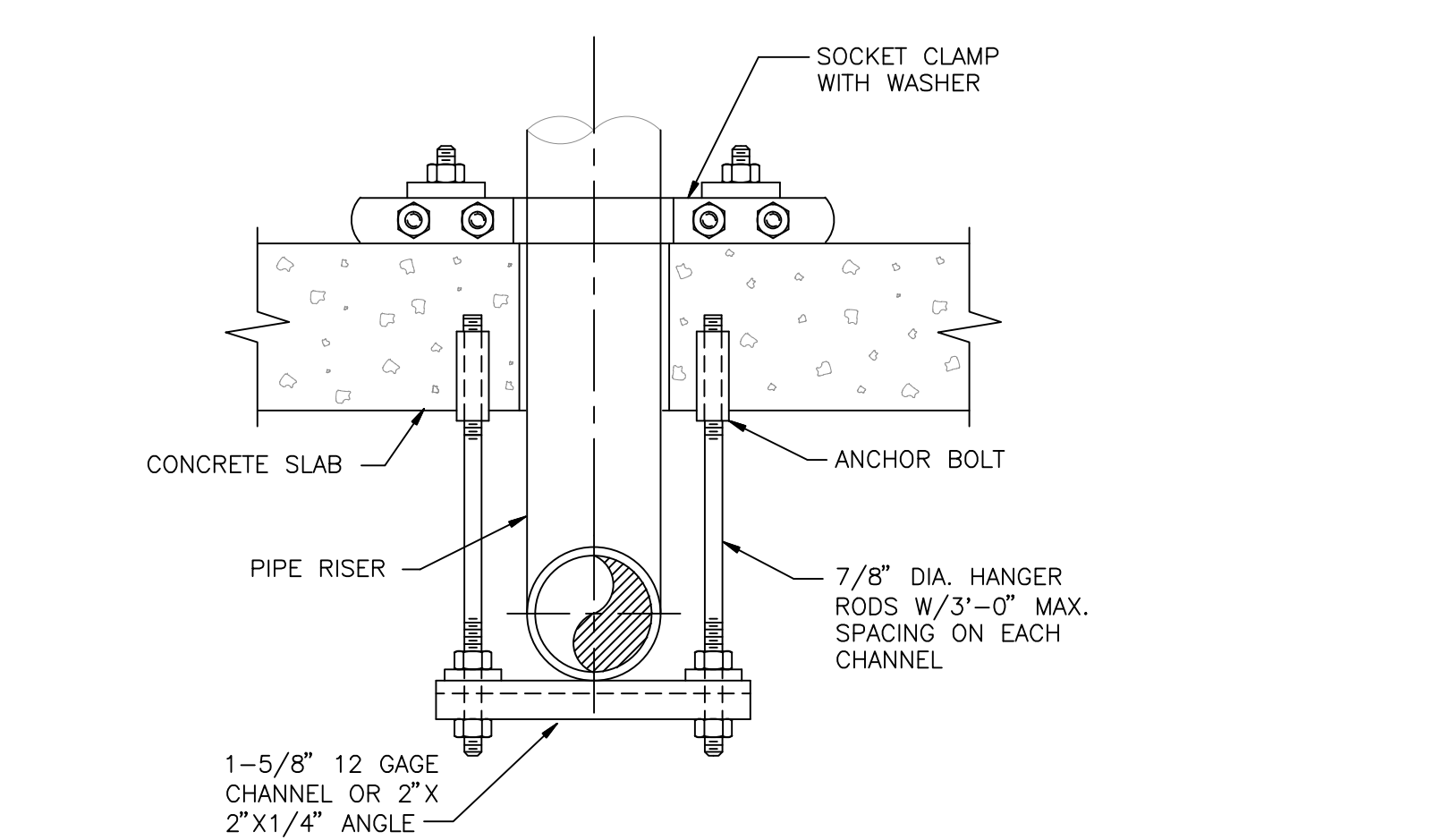
CABLE BRACE FOR TRAPEZE HUNG PIPE AND CONDUIT  
NOT TO SCALE



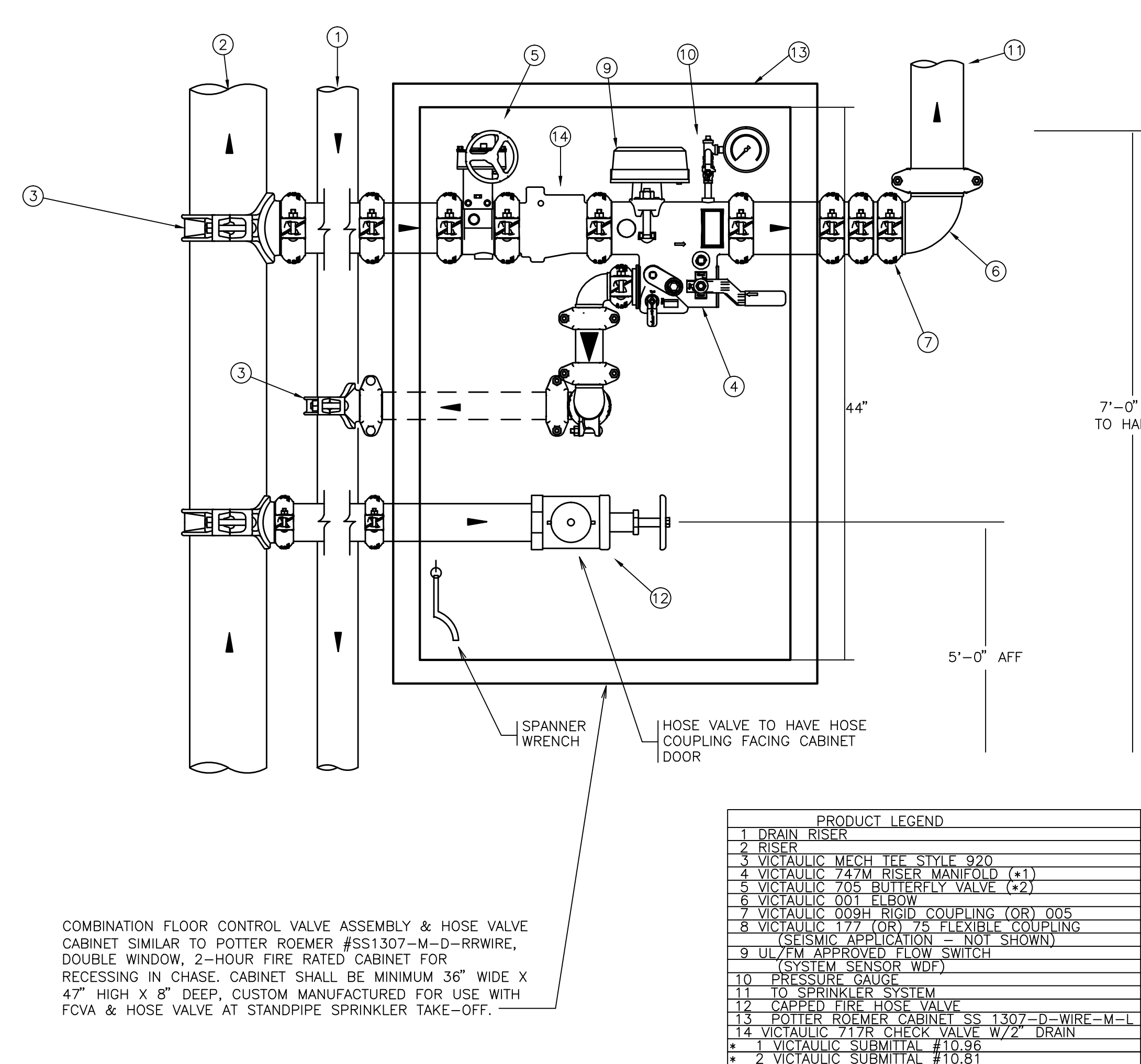
TYPICAL RISER SUPPORT  
NOT TO SCALE



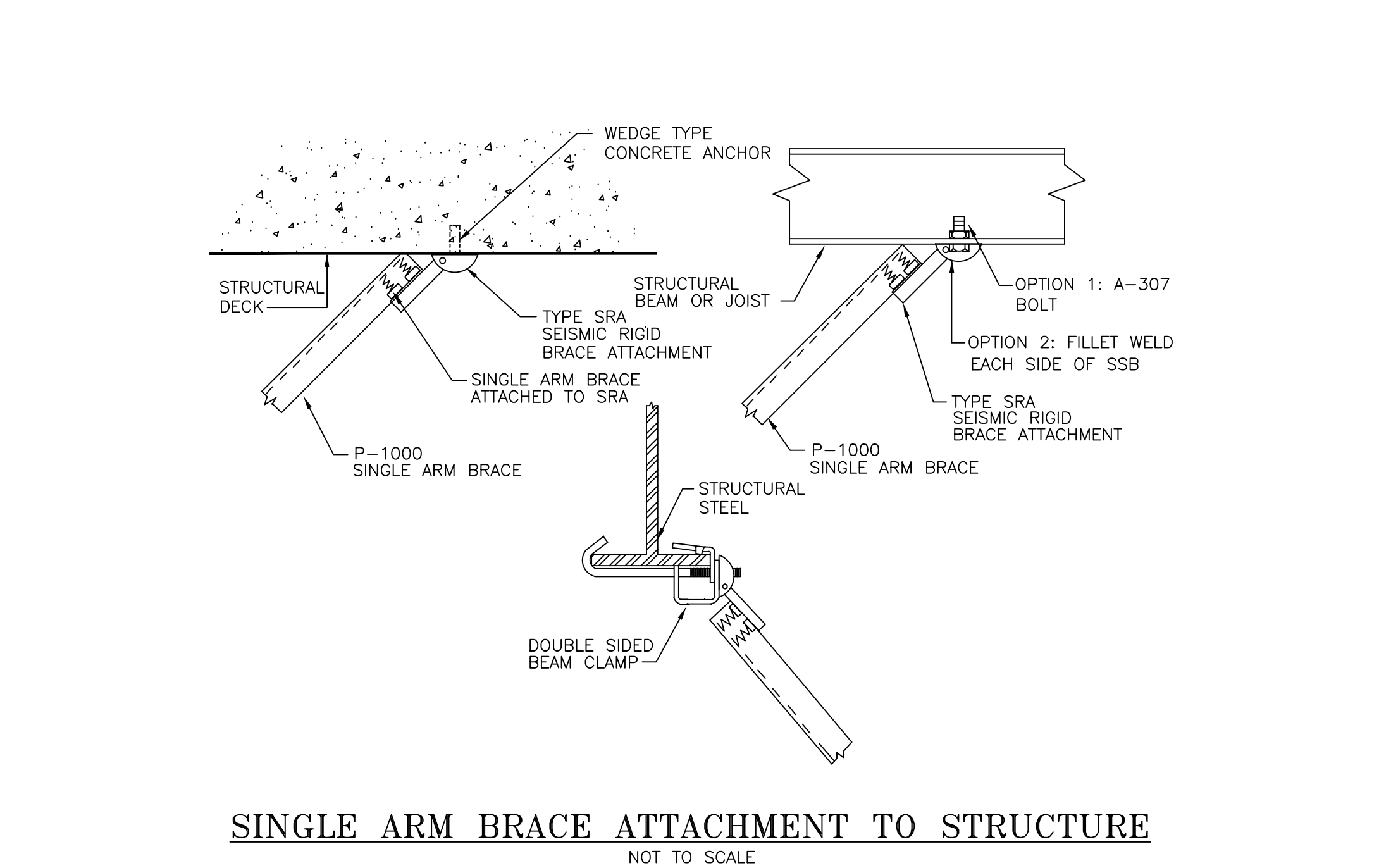
PIPE HANGERS FOR PIPE 1 1/4" DIAM. AND LARGER  
NOT TO SCALE



TYPICAL TRAPEZE HANGER  
NOT TO SCALE



TYPICAL FLOOR CONTROL VALVE ASSEMBLY (FCVA) DETAIL  
NOT TO SCALE



SINGLE ARM BRACE ATTACHMENT TO STRUCTURE  
NOT TO SCALE



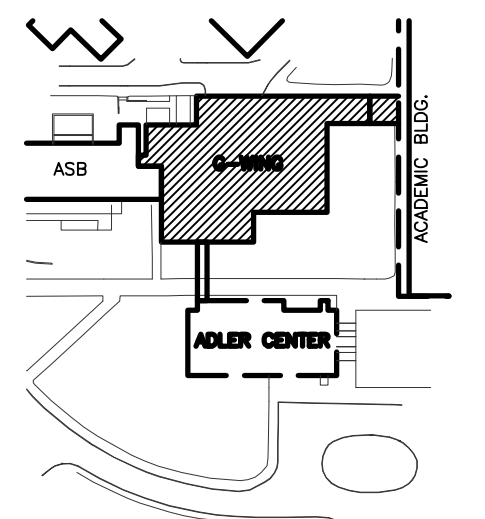
**RAMAPO COLLEGE**  
OF NEW JERSEY

- OWNER:  
Ramapo College of New Jersey  
505 Ramapo Valley Road  
Mahwah, New Jersey 07430-1630
- CONSTRUCTION MANAGERS:  
Cambridge Construction Management  
335 East Main Street  
Somerville, NJ 08876  
908-253-9500

- ARCHITECT:  
Mitchell/Giurgola Architects, LLP  
630 Ninth Avenue, Suite 711  
New York, New York 10036  
212 663 4000
- MEP ENGINEER:  
Joseph R. Loring & Associates, Inc.  
21 Pennsylvania Plaza  
New York, NY 10001  
212 563 7400
- STRUCTURAL ENGINEER:  
Yisrael A Seiniuk PC  
228 East 45th Street 2nd Floor  
New York, NY 10017  
212 687 2233

- LANDSCAPE ARCHITECT:  
Dirtworks, PC  
200 Park Avenue South  
New York, NY 10003  
212 529 2263
- SITE CIVIL ENGINEER:  
Langan Engineering  
619 River Drive Center 1  
Elmwood Park, NJ 07407-1338  
201 794 6900
- AV CONSULTANT  
Cerami & Associates  
404 Fifth Avenue  
New York, NY 10018  
212 370 1776

Key Plan:



N  
(PLAN NORTH)

N  
(TRUE NORTH)

NR	DATE	COMMENTS
1	6/8/12	DCA FILING
2	7/19/12	ISSUED FOR BID
3	1/15/13	ISSUED FOR CONSTRUCTION
4	8/12/16	AS-BUILT CONSTRUCTION DOCUMENTS

ISSUE/REVISION

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.

Project:  
**G-WING RENOVATION & ADLER CENTER**

Submission:  
**CONSTRUCTION DOCUMENTS**

Drawing Title:  
**FIRE PROTECTION DETAILS**

PROJECT NR: 102700  
RCNJ PROJ. NR: 08-240C

DATE: 6/8/12  
SCALE: NO SCALE

FP5.01