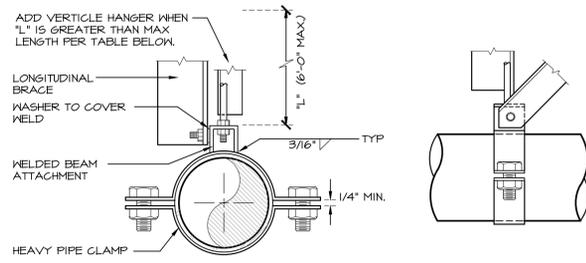
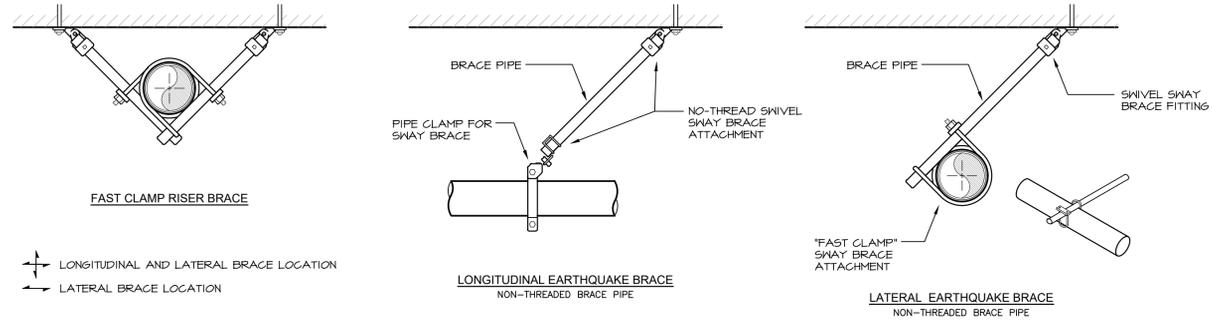


REVISION HISTORY		
DATE	DESCRIPTION	



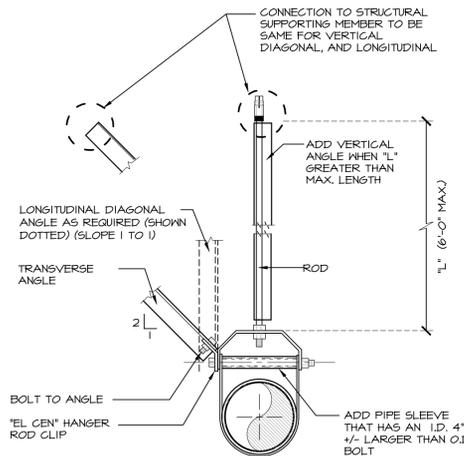
BRACE SPACING	PIPE	ROD	MAX. ROD LENGTH	VERT. HANGERS	TRANSVERSE HANGERS	BOLT
80'	2 1/2"	1/2"	25"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"
80'	3"	1/2"	25"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"
80'	4"	3/8"	31"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"
80'	6"	3/4"	37"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"
80'	8"	7/8"	43"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"



LONGITUDINAL AND LATERAL BRACE LOCATION
LATERAL BRACE LOCATION

1 LONGITUDINAL SEISMIC BRACING

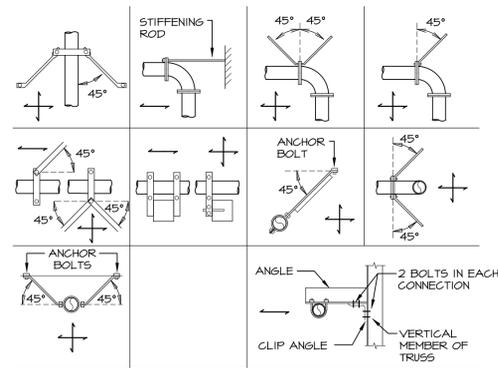
5PK202 NOT TO SCALE



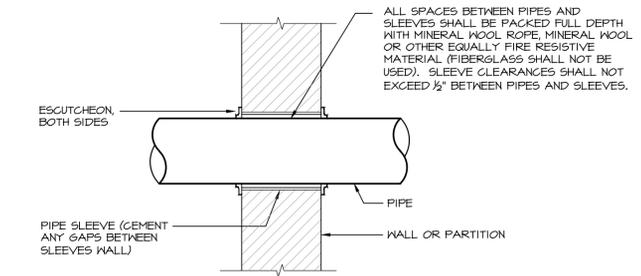
BRACE SPACING	PIPE	ROD	MAX. ROD LENGTH	VERT. HANGERS	TRANSVERSE HANGERS	BOLT
40'	2 1/2"	1/2"	25"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"
40'	3"	1/2"	25"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"
40'	4"	3/8"	31"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"
40'	6"	3/4"	37"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"
40'	8"	7/8"	43"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"

2 SEISMIC HANGER DETAILS

5PK202 NOT TO SCALE



INDICATES DIRECTION OF RESTRAINT



NOTE:
THIS DETAIL ALSO APPLICABLE TO INTERIOR NON-WATER PROOF FLOOR CONSTRUCTION. FOR WATER PROOF FLOOR CONSTRUCTION AND OTHER CONSTRUCTION - SEE SPECIFICATIONS.

3 TRANSVERSE SEISMIC PIPE BRACING

5PK202 NOT TO SCALE

4 SEISMIC SWAY BRACING (GENERAL)

5PK202 NOT TO SCALE

5 FIRE RATED PARTITION AND WALL PENETRATION DETAIL

5PK202 NOT TO SCALE

SEISMIC EQUIPMENT AND PIPE HANGER DESIGN

THE FIRE PROTECTION SYSTEM SHALL COMPLY WITH THE NEW YORK STATE UNIFORM FIRE PROTECTION AND BUILDING CODE SECTION 1613 AND APPLICABLE PROVISIONS OF ASCE 7 (ARCHITECTURAL, MECHANICAL AND ELECTRICAL COMPONENT SEISMIC DESIGN REQUIREMENTS).
SPRINKLER CONTRACTOR SHALL HIRE NYS LICENSED PROFESSIONAL ENGINEER TO DESIGN AND PREPARE SHOP DRAWINGS WITH CALCULATIONS FOR EACH PIPE SUPPORT, CONDUIT SUPPORT, MULTIPLE PIPE SUPPORT, TRAPEZE AND SEISMIC RESTRAINT. SUBMIT SHOP DRAWINGS WITH CALCULATIONS TO ENGINEER FOR RECORD AND TO LOCAL AUTHORITY HAVING JURISDICTION FOR APPROVAL.

SEISMIC REQUIREMENTS:
IMPORTANCE FACTOR - 1.5
BUILDING USE CATEGORY - IV
SEISMIC DESIGN CATEGORY - C