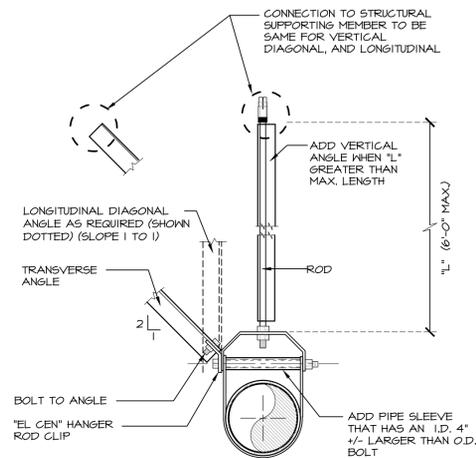
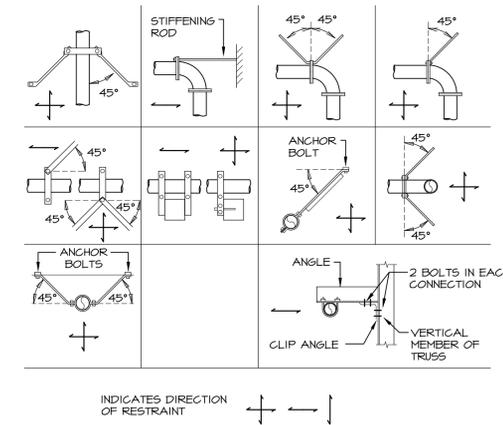


BRACE SPACING	PIPE	ROD	MAX. ROD LENGTH	VERT. HANGERS	TRANSVERSE HANGERS	BOLT
80'	2 1/2"	1/2"	25"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"
80'	3"	1/2"	25"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"
80'	4"	3/8"	31"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga	3/8"
80'	6"	3/4"	37"	2 x 2 x 16ga	2 1/2" x 2 1/2" x 16ga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



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"



1 LONGITUDINAL SEISMIC BRACING
P203 NOT TO SCALE

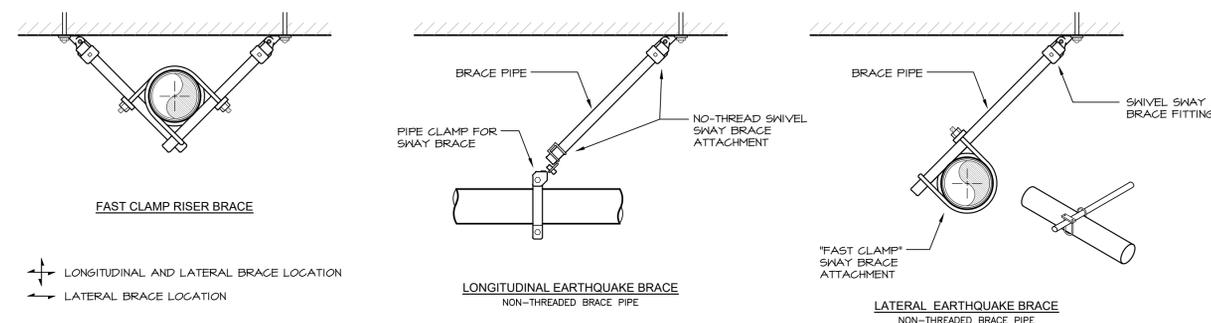
2 TRANSVERSE SEISMIC PIPE BRACING
P203 NOT TO SCALE

3 SEISMIC SWAY BRACING (GENERAL)
P203 NOT TO SCALE

SEISMIC EQUIPMENT AND PIPE HANGER DESIGN

THE PLUMBING 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). PLUMBING CONTRACTOR SHALL HIRE NYS LICENSED PROFESSIONAL ENGINEER TO DESIGN AND PREPARE SHOP DRAWINGS WITH CALCULATIONS FOR EACH EQUIPMENT SUPPORT, PIPE 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:
BUILDING USE CATEGORY - IV
SEISMIC DESIGN CATEGORY - C



4 SEISMIC HANGER DETAILS
P203 NOT TO SCALE

EMERGENCY SERVICE FACILITIES

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NEW STATION FOR PUTNAM VALLEY FIRE STATION #1

OSCAWANA LAKE ROAD
PUTNAM VALLEY, NEW YORK

REVISION HISTORY

DATE	DESCRIPTION

PLUMBING: DETAILS

SCALE: AS NOTED
DWS. BY: KC
DWS. DATE: 8/14/2020
STATUS: BID DRAWINGS