

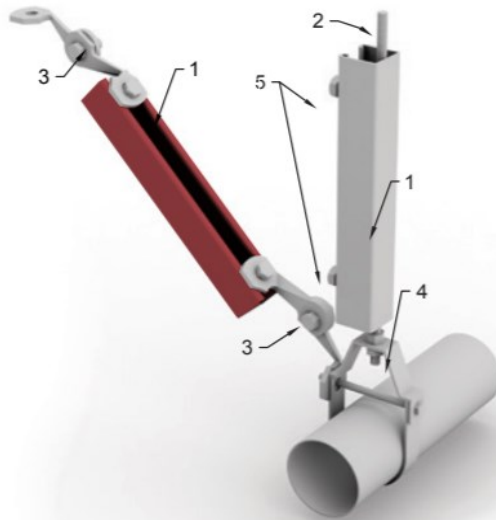
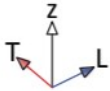


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SINGLE PIPE WITH TRANSVERSE BRACE



SEISMIC CRITERIA
 $\alpha_p = 2 \frac{1}{2}$ $R_p = 6$

VERTICAL FORCE
 $F_{pv} = 0.280 \text{ g (ASD)}$

MATERIALS LIST

- 1 G582 Strut (QTY 2)
- 2 1/2" \varnothing All Thread (QTY 1)
- 3 Seismic Hinges (QTY 2)
- 4 Conduit/Pipe Clamp (QTY 1)
- 5 GRS375062 (QTY 2)

PIPING MEETING ASME B31 REQUIREMENTS

		WEIGHT (TOTAL PER FT.)	HANGER DIA. AND SPACING	SEISMIC PARAMETERS	BRACE SPACING (FT.)			
					$S_{DS} \leq 1.00$ TRANS. SPACING (T)	SEISMIC FACTOR F_{ph} (g) ASD	$1.00 < S_{DS} \leq 2.00$ TRANS. SPACING (T)	SEISMIC FACTOR F_{ph} (g) ASD
IMPORTANCE FACTOR, I_p	$I_p = 1.00$	25 plf	1/2" \varnothing	$z/h \leq 0.5$	56'0"	0.210	28'0"	0.420
			14'0"	$z/h \leq 1.0$	56'0"	0.233	28'0"	0.467
		50 plf	1/2" \varnothing	$z/h \leq 0.5$	24'0"	0.210	12'0"	0.420
			12'0"	$z/h \leq 1.0$	24'0"	0.233	12'0"	0.467
	$I_p = 1.50$	25 plf	1/2" \varnothing	$z/h \leq 0.5$	48'0"	0.263	12'0"	0.630
			12'0"	$z/h \leq 1.0$	36'0"	0.350	12'0"	0.700
		50 plf	1/2" \varnothing	$z/h \leq 0.5$	20'0"	0.263	10'0"	0.630
			10'0"	$z/h \leq 1.0$	20'0"	0.350	10'0"	0.700

PROJECT INFORMATION	APPROVAL STAMP
Project:	Notes:
Address:	
Contractor:	
Engineer:	
Date:	
Approved <input type="checkbox"/> Approved as Noted <input type="checkbox"/> Not Approved <input type="checkbox"/>	