

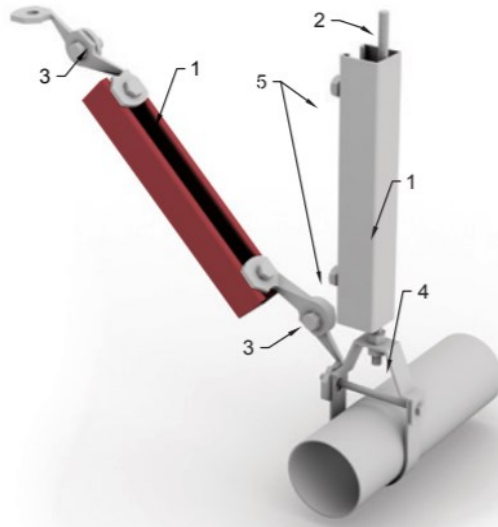
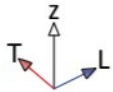


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# SINGLE PIPE WITH TRANSVERSE BRACE



SEISMIC CRITERIA  
 $\alpha_p = 2 \frac{1}{2}$   $R_p = 3$

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

### MATERIALS LIST

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

### PIPING NOT MEETING ASME B31 REQUIREMENTS

		WEIGHT (TOTAL PER FT.)	HANGER DIA. AND SPACING	SEISMIC PARAMETERS	BRACE SPACING (FT.)			
					$S_{05} \leq 1.00$ TRANS. SPACING (T)	SEISMIC FACTOR $F_{ph}$ (g) ASD	$1.00 < S_{05} \leq 2.00$ TRANS. SPACING (T)	SEISMIC FACTOR $F_{ph}$ (g) ASD
IMPORTANCE FACTOR, $I_p$	$I_p = 1.00$	25 plf	1/2" $\emptyset$	$z/h \leq 0.5$	28'0"	0.350	14'0"	0.700
			14'0"	$z/h \leq 1.0$	28'0"	0.467	14'0"	0.933
		50 plf	1/2" $\emptyset$	$z/h \leq 0.5$	16'0"	0.350	8'0"	0.700
			8'0"	$z/h \leq 1.0$	16'0"	0.467	8'0"	0.933
	$I_p = 1.50$	25 plf	1/2" $\emptyset$	$z/h \leq 0.5$	16'0"	0.525	8'0"	1.050
			8'0"	$z/h \leq 1.0$	16'0"	0.700	8'0"	1.400
50 plf	1/2" $\emptyset$	$z/h \leq 0.5$	10'0"	0.525	5'0"	1.050		
	5'0"	$z/h \leq 1.0$	10'0"	0.700	5'0"	1.400		

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"/>	