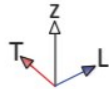




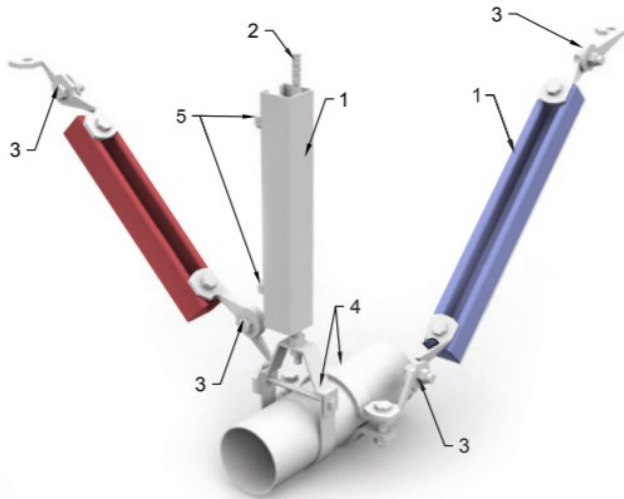
G-STRUT 4100 13<sup>th</sup> Street SW, Canton OH 44710  
 Phone: 866.997.8788 – Fax: 330.477.0626  
[www.gregorystrut.com](http://www.gregorystrut.com)

## SINGLE PIPE WITH TRANSVERSE AND LONGITUDINAL BRACE



SEISMIC CRITERIA  
 $\alpha_p = 2.1/2$   $R_p = 3$

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



### MATERIALS LIST

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

### PIPING NOT MEETING THE REQUIREMENTS ASME B31

☰	WEIGHT (TOTAL PER FT.)	HANGER DIA. AND SPACING	SEISMIC PARAMETERS	BRACE SPACING (FT.)			
				$S_{os} \leq 1.00$		$1.00 < S_{os} \leq 2.00$	
				TRANS. SPACING (T)	LONGIT. SPACING (L)	TRANS. SPACING (T)	LONGIT. SPACING (L)
IMPORTANCE FACTOR, $I_p$	25 plf	1/2"Ø	$z/h \leq 0.5$	28'0"	56'0"	14'0"	28'0"
		14'0"	$z/h \leq 1.0$	28'0"	56'0"	14'0"	28'0"
	50 plf	1/2"Ø	$z/h \leq 0.5$	16'0"	32'0"	8'0"	16'0"
		8'0"	$z/h \leq 1.0$	16'0"	32'0"	8'0"	16'0"
IMPORTANCE FACTOR, $I_p$	25 plf	1/2"Ø	$z/h \leq 0.5$	16'0"	40'0"	8'0"	24'0"
		8'0"	$z/h \leq 1.0$	16'0"	32'0"	8'0"	16'0"
	50 plf	1/2"Ø	$z/h \leq 0.5$	10'0"	20'0"	5'0"	10'0"
		5'0"	$z/h \leq 1.0$	10'0"	20'0"	5'0"	10'0"

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"/>	