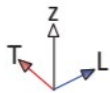




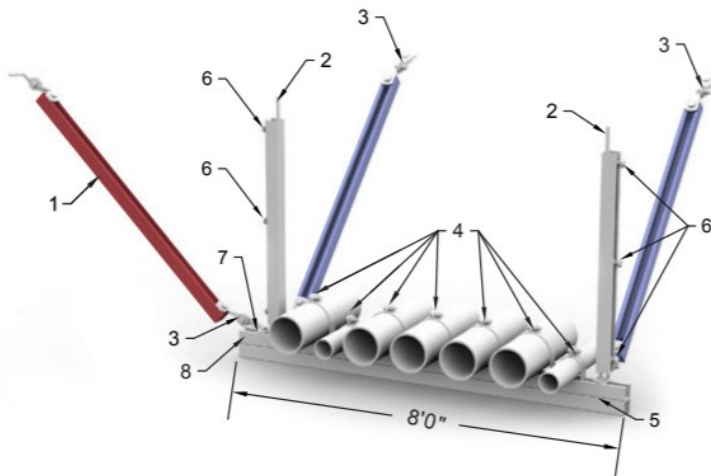
G-STRUT 4100 13th Street SW, Canton OH 44710
 Phone: 866.997.8788 – Fax: 330.477.0626
www.gregorystrut.com

8'-0" DOUBLE TRAPEZE WITH TRANSVERSE AND LONGITUDINAL BRACE



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

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



MATERIALS LIST

- 1 G582 Strut (QTY 5)
- 2 1/2" ϕ All Thread (QTY 2)
- 3 Seismic Hinges (QTY 6)
- 4 Conduit/Pipe Clamp (QTY 7)
- 5 GN822 (QTY 2)
- 6 GRS375062 (QTY 6)
- 7 G201050 Top and Bottom (QTY 4)
- 8 G582A Strut (QTY 1)

IMPORTANCE FACTOR, I_p	WEIGHT (TOTAL PER FT.)	HANGER DIA. AND SPACING	SEISMIC PARAMETERS	BRACE SPACING (FT.)			
				$S_{DS} \leq 1.00$		$1.00 < S_{DS} \leq 2.00$	
				TRANS. SPACING (T)	LONGIT. SPACING (L)	TRANS. SPACING (T)	LONGIT. SPACING (L)
$I_p = 1.00$	50 plf	1/2" ϕ	$z/h \leq 0.5$	28'0"	56'0"	14'0"	28'0"
		14'0"	$z/h \leq 1.0$	28'0"	56'0"	14'0"	28'0"
	75 plf	1/2" ϕ	$z/h \leq 0.5$	20'0"	40'0"	10'0"	20'0"
		10'0"	$z/h \leq 1.0$	20'0"	40'0"	10'0"	20'0"
$I_p = 1.50$	50 plf	1/2" ϕ	$z/h \leq 0.5$	20'0"	40'0"	10'0"	20'0"
		10'0"	$z/h \leq 1.0$	20'0"	40'0"	10'0"	20'0"
	75 plf	1/2" ϕ	$z/h \leq 0.5$	15'0"	30'0"	5'0"	10'0"
		5'0"	$z/h \leq 1.0$	10'0"	25'0"	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"/>	