

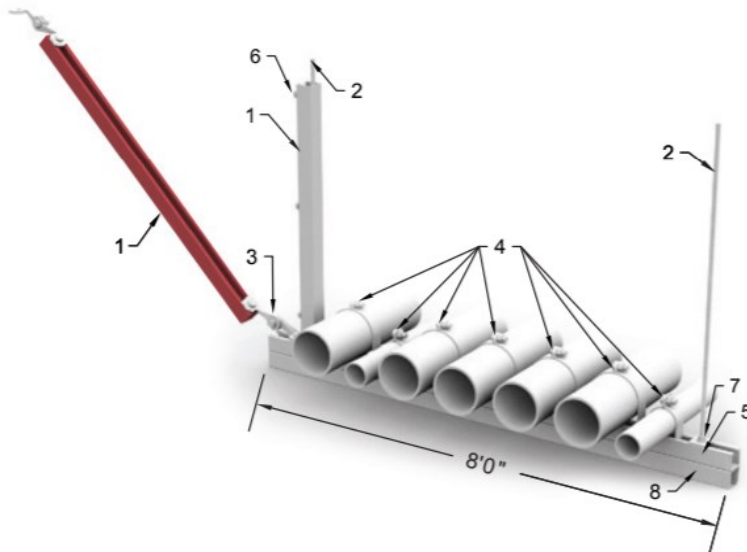
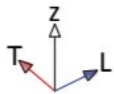


G-STRUT 4100 13th Street SW, Canton OH 44710

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8'0" DOUBLE TRAPEZE 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" ϕ All Thread (QTY 2)
- 3 Seismic Hinges (QTY 2)
- 4 Conduit/Pipe Clamp (QTY 7)
- 5 GN822 (QTY 2)
- 6 GRS375062 (QTY 3)
- 7 G201050 Top and Bottom (QTY 4)
- 8 G582A Strut (QTY 1)

		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	$I_p = 1.00$	50 plf	1/2" ϕ	$z/h \leq 0.5$	28'0"	0.210	14'0"	0.420
			14'0"	$z/h \leq 1.0$	28'0"	0.233	14'0"	0.467
		75 plf	1/2" ϕ	$z/h \leq 0.5$	20'0"	0.210	10'0"	0.420
			10'0"	$z/h \leq 1.0$	20'0"	0.233	10'0"	0.467
	$I_p = 1.50$	50 plf	1/2" ϕ	$z/h \leq 0.5$	20'0"	0.263	10'0"	0.630
			10'0"	$z/h \leq 1.0$	20'0"	0.350	10'0"	0.700
		75 plf	1/2" ϕ	$z/h \leq 0.5$	10'0"	0.263	5'0"	0.630
			5'0"	$z/h \leq 1.0$	10'0"	0.350	5'0"	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"/>	