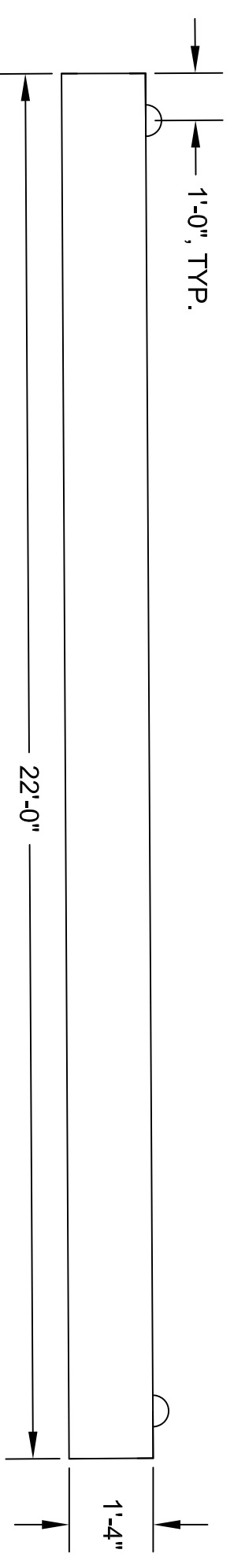


**Section**  
Scale: 5" = 1' - 0"

**Bill of Materials**

Material	Quantity	Unit	Comments/ Criteria
#4 Bar	44	LF	ASTM A615 (60 KSI)
W4 X W4 - 4.0 X 4.0 WWF	83.52	SF	ASTM A1064 (65 KSI)
4 X 8 Cylinders	6	EA	ASTM C31
1/2" Dia. Low Relax Strands	66	LF	ASTM A416 (270 KSI)
TPAC LW Concrete	0.422	CY	f <sub>ci</sub> = 5000 PSI f <sub>c</sub> (28 DAY) = 8000 PSI

Total Beam Weight	1501 lbs
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**Elevation**  
Scale: 5/12" = 1' - 0"

Northern Arizona University Big Beam Team 2018 Shop Drawing Flagstaff , Arizona	Designed By: BW, SG, FR, RC	Date: March 6, 2018
	Checked By: Dr. T	Scale: As Shown