

# FREESTANDING ALUMINUM TOWER MODEL #12-40

TOTAL WEIGHT: 106 LBS.

WIND LOADING:

80 mph	12.0 Sq. Ft.
100 mph	8.0 Sq. Ft.
110 mph	5.5 Sq. Ft.

Contact Universal Towers to confirm geographical location of your tower and all wind load implications

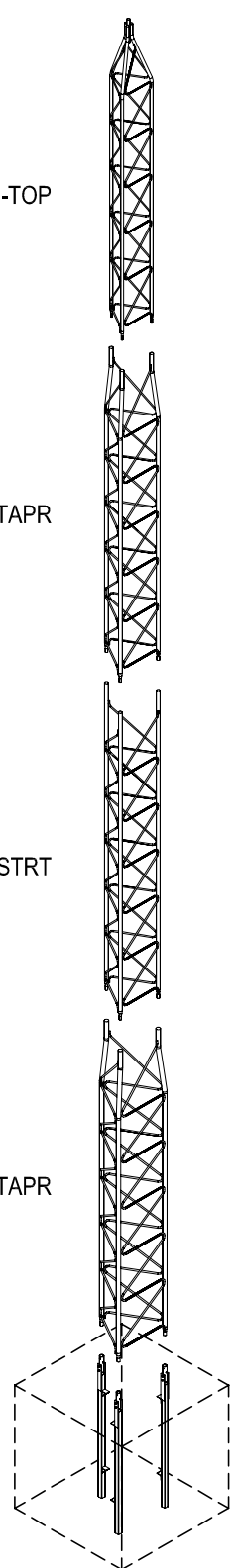
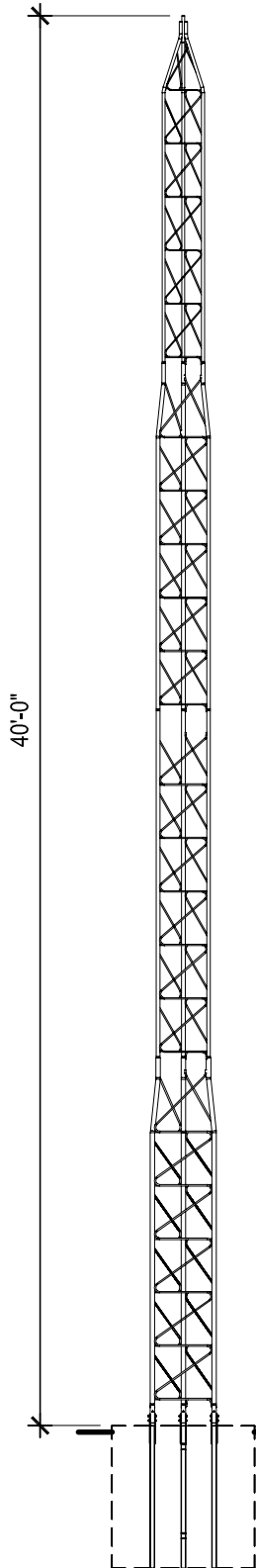
14-TOP

18-TAPR

18-STRT

22-TAPR

B-22



WARRANTY

UNIVERSAL TOWERS ARE WARRANTED AGAINST DEFECTIVE MATERIAL OR WORKMANSHIP AND ARE SUBJECT TO REPAIR OR TO MATERIAL REPLACEMENT ONLY IF FAILURE RESULTS FROM THESE FACTORS WITHIN ONE YEAR FROM PURCHASE BY USER. THIS WARRANTY DOES NOT EXTEND TO ANY OF OUR PRODUCTS WHICH HAVE BEEN SUBJECTED TO MISUSE, NEGLIGENCE, ACCIDENT, IMPROPER INSTALLATION OR APPLICATION, NOR SHALL IT EXTEND TO UNITS WHICH HAVE BEEN REPAIRED OR SUBSTANTIALLY ALTERED OUTSIDE OF OUR FACTORY. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED.

**ELEVATION**

SCALE: 3/16"=1'=0"

**2**

**ISOMETRIC**

SCALE: N.T.S.

**1**

**ALUMINUM TOWER**

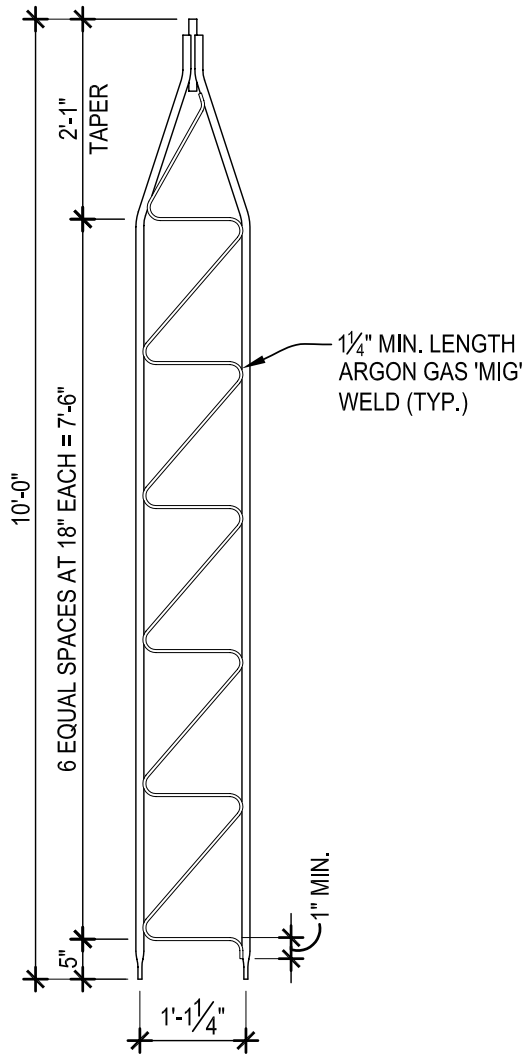


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A DIVISION OF  
UNIVERSAL MANUFACTURING CORP.  
43900 GROESBECK HWY.  
CLINTON TOWNSHIP, MI 48036  
PH: (586) 463-2560  
FAX: (586) 463-2964

JOB NO.:

COMPONENT:

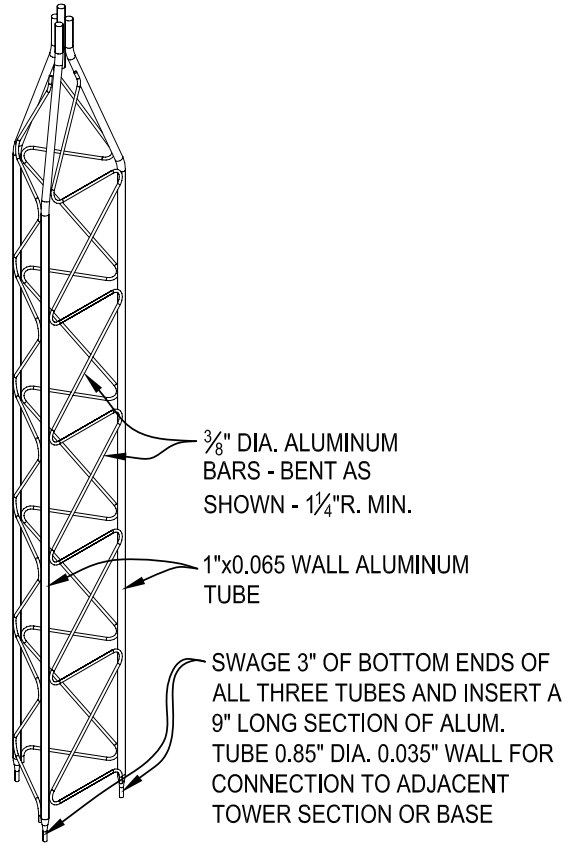
12-40



**ELEVATION**

SCALE: 1/2"=1'-0"

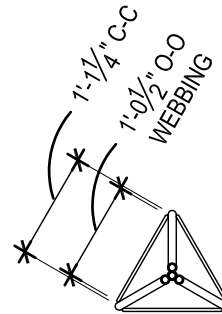
**2**



**ISOMETRIC**

SCALE: N.T.S.

**3**



**PLAN VIEW**

SCALE: 1/2"=1'-0"

**1**

**TOP SECTION**

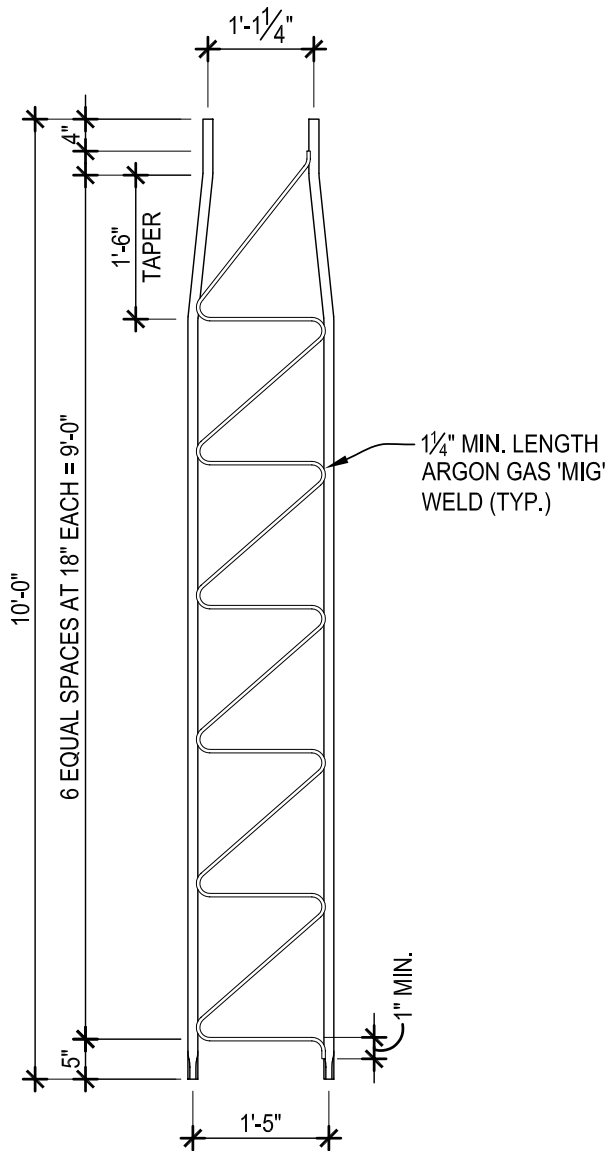


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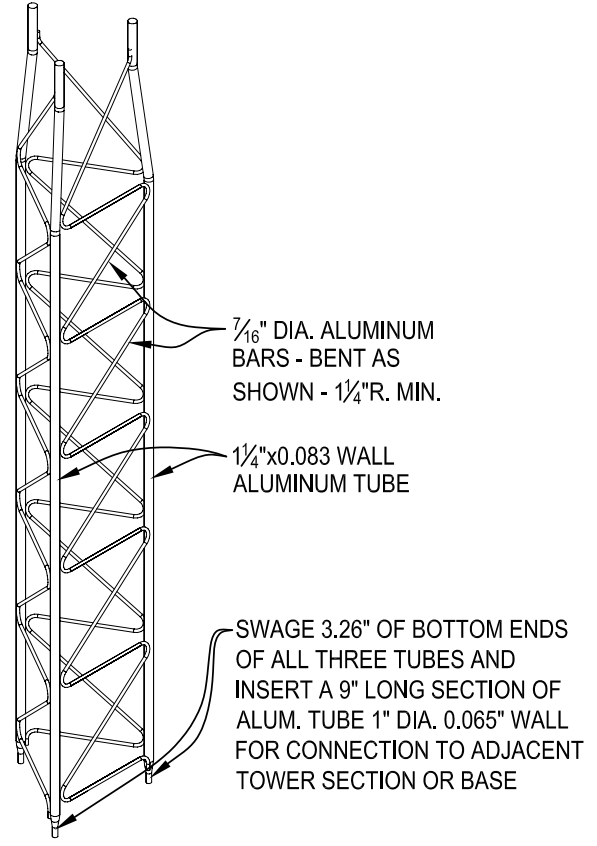
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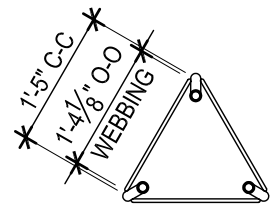
14-TOP



**ELEVATION** 2  
SCALE: 1/2"=1'-0"



**ISOMETRIC** 3  
SCALE: N.T.S.



**PLAN VIEW** 1  
SCALE: 1/2"=1'-0"

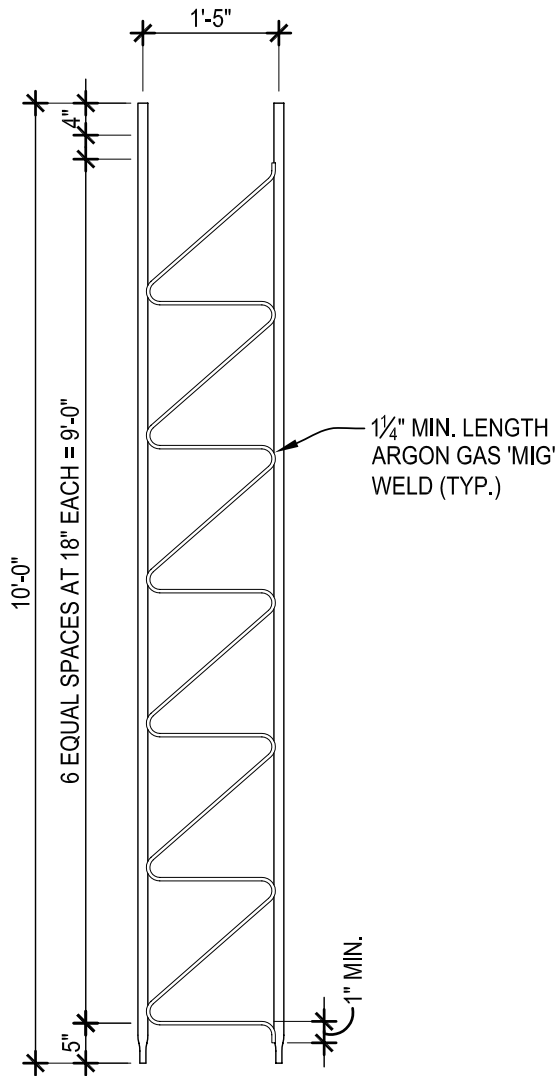
# TAPERED SECTION



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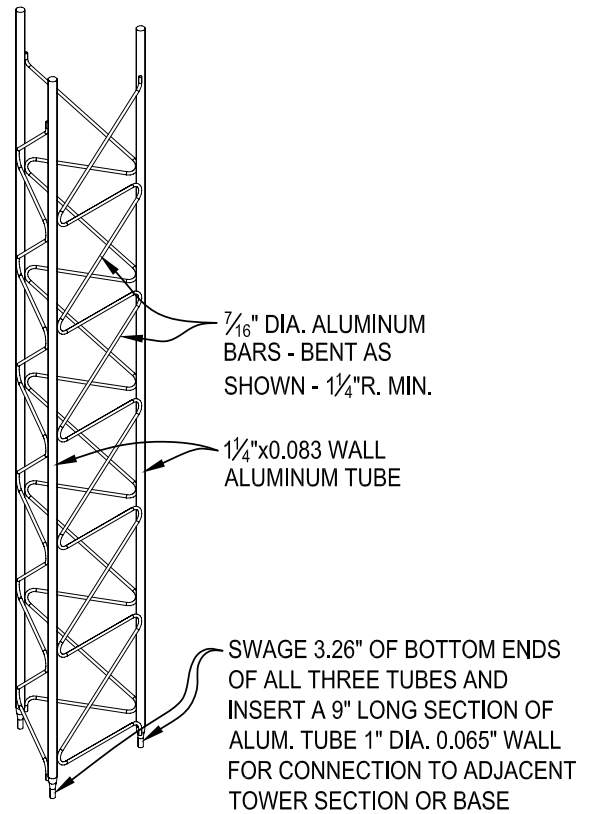
COMPONENT:  
**18-TAPR**



ELEVATION

2

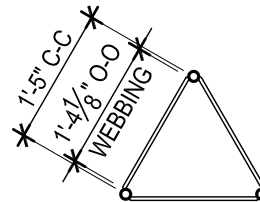
SCALE: 1/2"=1'-0"



ISOMETRIC

3

SCALE: N.T.S.

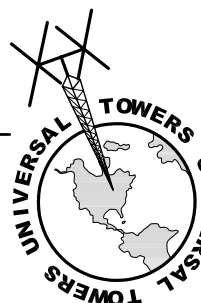


PLAN VIEW

1

SCALE: 1/2"=1'-0"

STRAIGHT SECTION

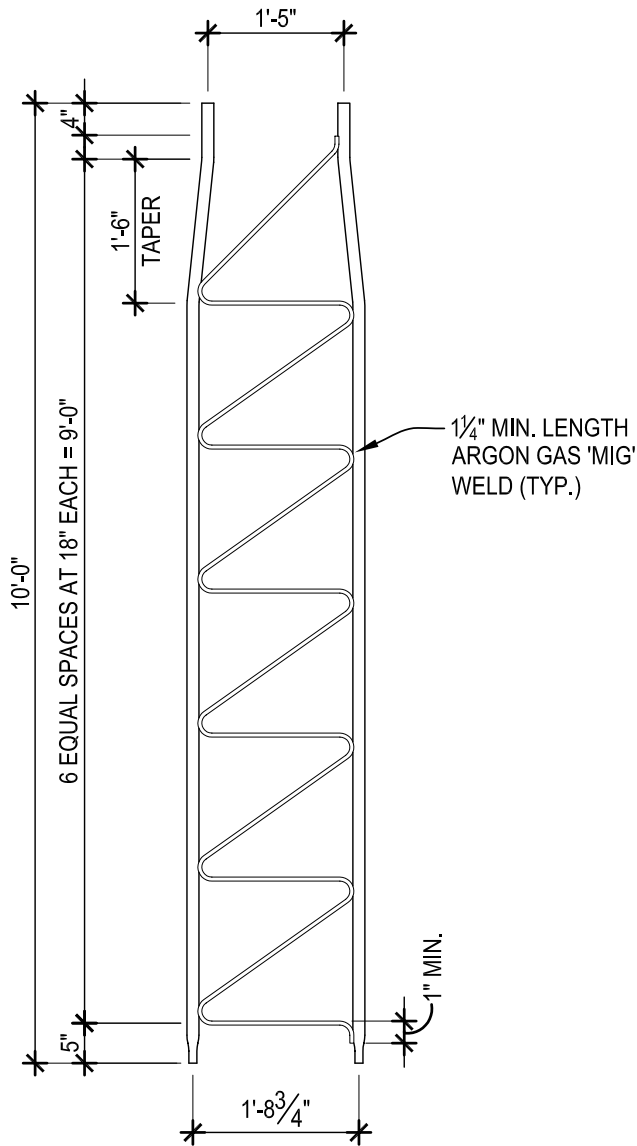


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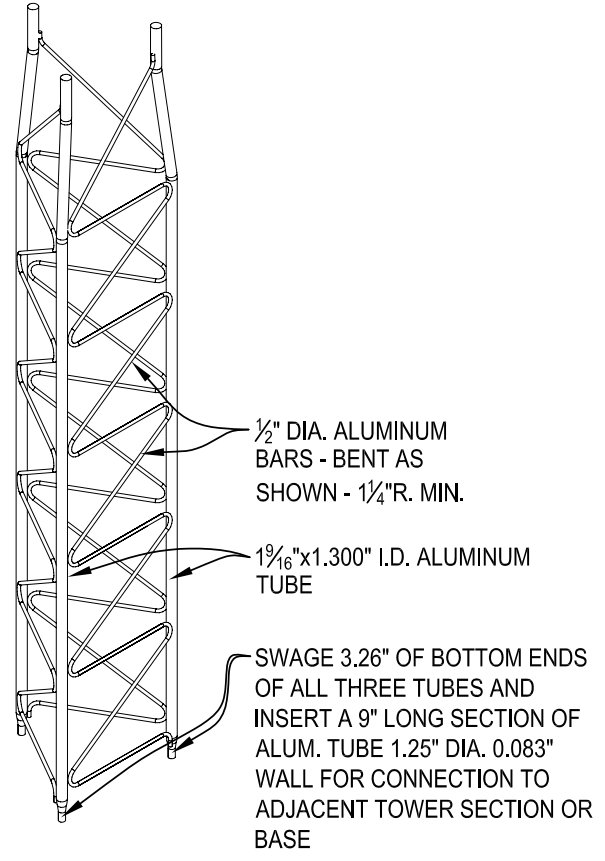
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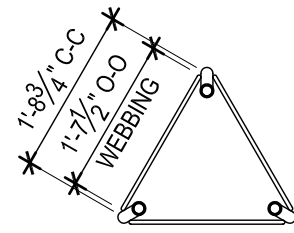
18-STRT



**ELEVATION** 2  
SCALE: 1/2"=1'-0"

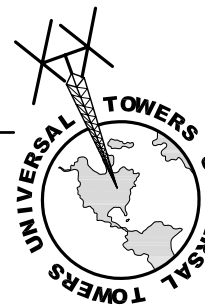


**ISOMETRIC** 3  
SCALE: N.T.S.



**PLAN VIEW** 1  
SCALE: 1/2"=1'-0"

# TAPERED SECTION

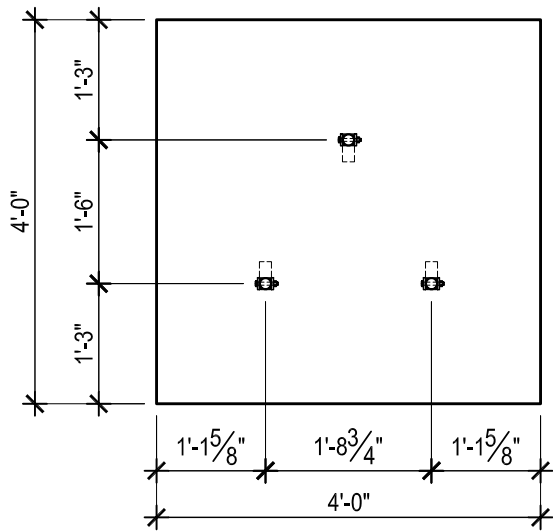


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COMPONENT:

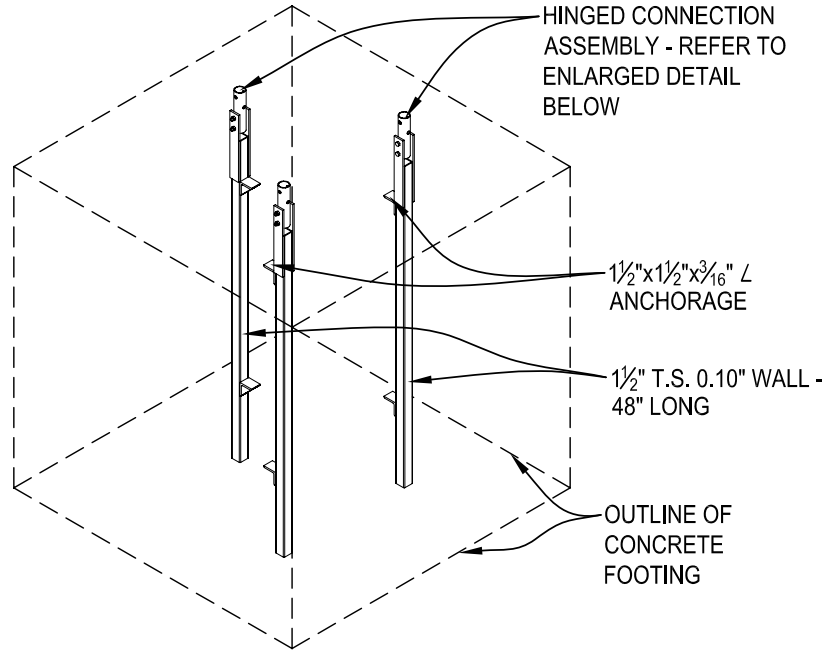
22-TAPR



**PLAN VIEW**

SCALE: 1/2"=1'-0"

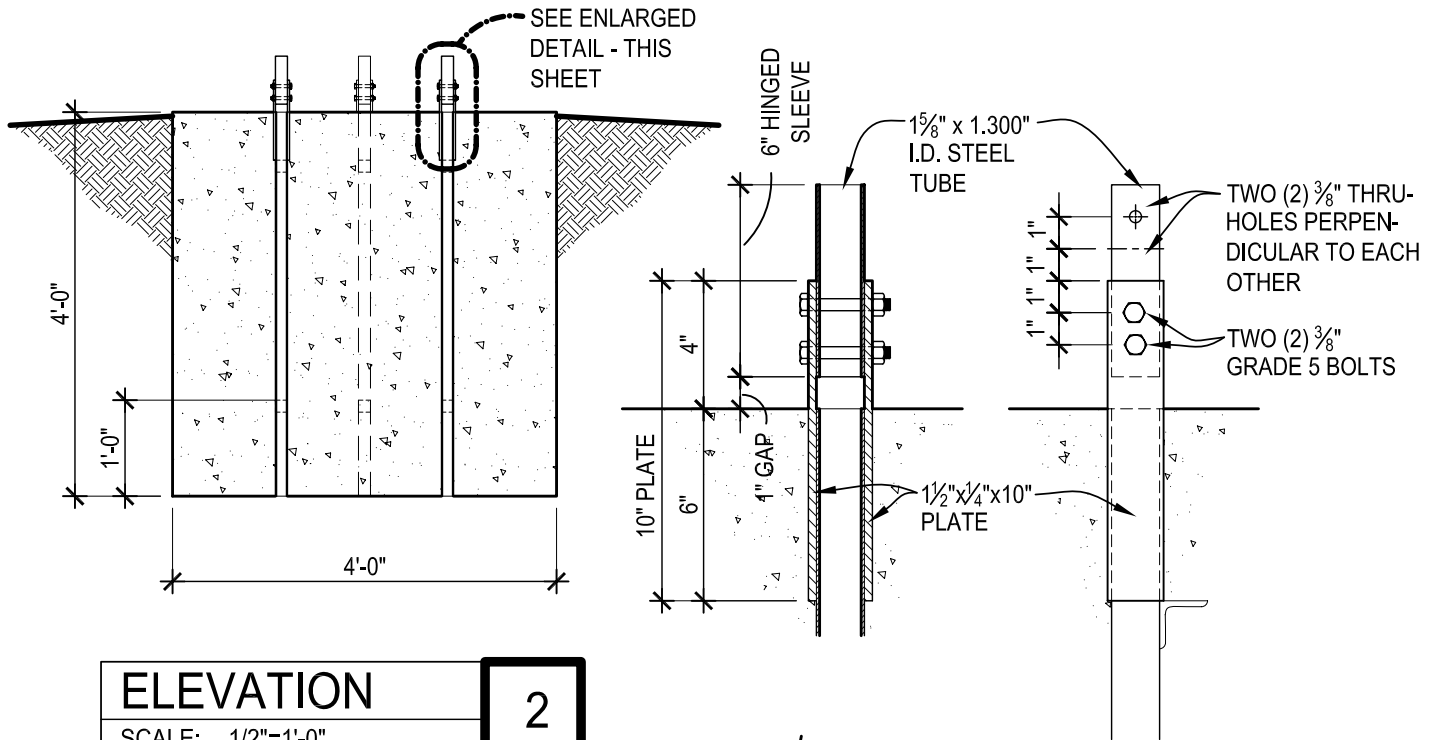
**1**



**ISOMETRIC**

SCALE: N.T.S.

**3**



**ELEVATION**

SCALE: 1/2"=1'-0"

**2**

NOTE: FOUNDATIONS ARE DESIGNED FOR FIRM BEARING SOIL.

**BASE FOOTING**



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COMPONENT:

**B-22**