FREESTANDING ALUMINUM TOWER
MODEL #6-60

TOTAL WEIGHT: 153 LBS.

WIND LOADING:

80 mph  6.0 Sq. Ft.  18-TAPR
100 mph  2.5 Sq. Ft.  18-STRT
110 mph  0.5 Sq. Ft.

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

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, NEGLECT, 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.
SWAGE 3" OF BOTTOM ENDS OF ALL THREE TUBES AND INSERT A 9" LONG SECTION OF ALUM. TUBE 0.85" DIA. 0.035" WALL FOR CONNECTION TO ADJACENT TOWER SECTION OR BASE

1½" MIN. LENGTH ARGON GAS 'MIG' WELD (TYP.)

1/2" DIA. ALUMINUM BARS - BENT AS SHOWN - 1½"R. MIN.

1"x0.065 WALL ALUMINUM TUBE

6 EQUAL SPACES AT 18" EACH = 7'-6"
1\% 4" DIAMETRAL ALUMINUM BARS - BENT AS SHOWN - 1\% 4" R. MIN.

1" x 0.065 WALL ALUMINUM TUBE

SWAGE 3" OF BOTTOM ENDS OF ALL THREE TUBES AND INSERT A 9" LONG SECTION OF ALUM. TUBE 0.85" DIA. 0.035" WALL FOR CONNECTION TO ADJACENT TOWER SECTION OR BASE

1/2" MIN. LENGTH ARGON GAS 'MIG' WELD (TYP.)

6 EQUAL SPACES AT 18" EACH = 9'-0"

1'-1/4"

1'-0"

5'-0"

1'-0"

1/4" C.C. WEBBING

1/8" O.O.
1 1/2" MIN. LENGTH ARGON GAS 'MIG' WELD (TYP.)

1 1/4" DIA. ALUMINUM BARS - BENT AS SHOWN - 1 1/4" R. MIN.

1/2" x 0.083 WALL ALUMINUM TUBE

SWAGE 3.26" OF BOTTOM ENDS OF ALL THREE TUBES AND INSERT A 9" LONG SECTION OF ALUM. TUBE 1" DIA. 0.065" WALL FOR CONNECTION TO ADJACENT TOWER SECTION OR BASE

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

PLAN VIEW
SCALE: 1/2" = 1'-0"
1½" MIN. LENGTH ARGON GAS 'MIG' WELD (TYP.)

1½" DIA. ALUMINUM BARS - BENT AS SHOWN - 1½" R. MIN.

1¼"x0.083 WALL ALUMINUM TUBE

SWAGE 3.26" OF BOTTOM ENDS OF ALL THREE TUBES AND INSERT A 9" LONG SECTION OF ALUM. TUBE 1" DIA. 0.065" WALL FOR CONNECTION TO ADJACENT TOWER SECTION OR BASE

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

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

STRAIGHT SECTION

UNIVERSAL TOWERS
A SUBSIDIARY OF
UNIVERSAL MANUFACTURING CORP.
43900 GROESBECK HWY.
CLINTON TOWNSHIP, MI 48036
P# (586) 463-2560
FAX: (586) 463-2964

JOB NO.: 18-STRT

COMPONENT:
1/2" DIA. ALUMINUM BARS - BENT AS SHOWN - 1/2" R. MIN.

1-3/8" x 1.300" I.D. ALUMINUM TUBE

SWAGE 3.26" OF BOTTOM ENDS OF ALL THREE TUBES AND INSERT A 9" LONG SECTION OF ALUM. TUBE 1.25" DIA. 0.083" WALL FOR CONNECTION TO ADJACENT TOWER SECTION OR BASE

1/2" MIN. LENGTH ARGON GAS 'MIG' WELD (TYP.)

10'-0"

6 EQUAL SPACES AT 18" EACH = 9'-0"

1'-5"

1'-6"

1'-6" TAPER

1'-8 3/4"

5"

1'-11" MIN.

TAPERED SECTION

ELEVATION

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

PLAN VIEW

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

ISOMETRIC

SCALE: N.T.S.

2

3

1
1½" MIN. LENGTH ARGON GAS 'MIG' WELD (TYP.)

1½" DIA. ALUMINUM BARS - BENT AS SHOWN - 1½"R. MIN.

1¾"x1.300" I.D. ALUMINUM TUBE

SWAGE 3.26" OF BOTTOM ENDS OF ALL THREE TUBES AND INSERT A 9" LONG SECTION OF ALUM. TUBE 1.25" DIA. 0.083" WALL FOR CONNECTION TO ADJACENT TOWER SECTION OR BASE

ISOMETRIC
SCALE: N.T.S.

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

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