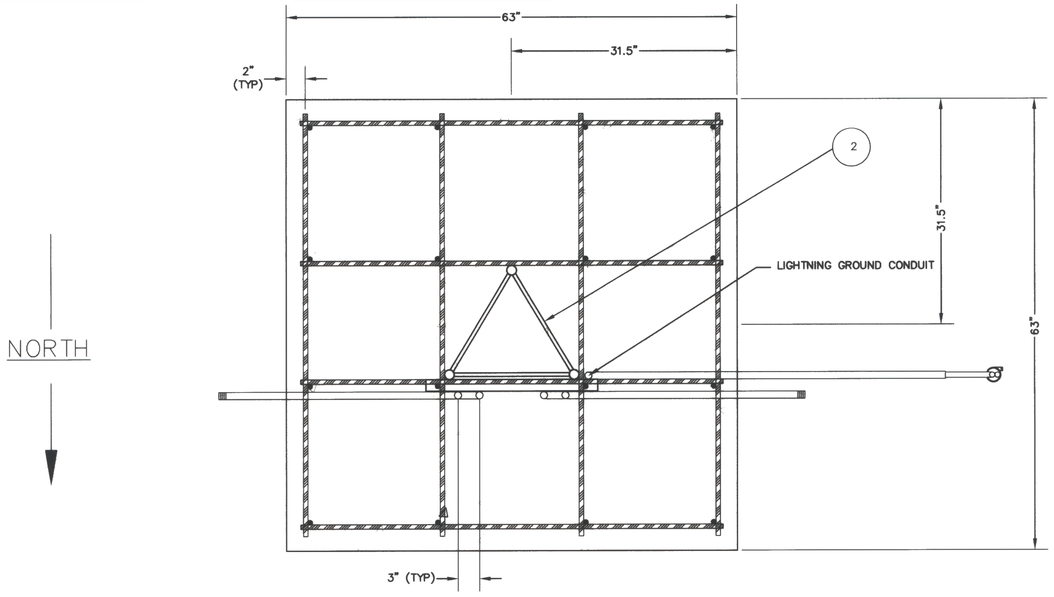


PLAN VIEW

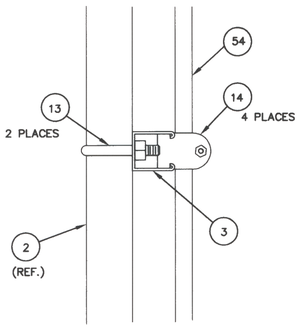
NOTES
1. ALL DIMENSIONS IN ENGLISH (INCHES) UNLESS SPECIFIED OTHERWISE.
2. PULL STRINGS SHALL BE PLACED IN ALL CONDUIT.
3. FOUNDATION SIZE AND DEPTH BASED ON SOIL CONDITION OF A CBR 4.0.
4. CONCRETE SHALL BE MINIMUM OF 3000 PSI @ 28 DAYS.
5. CONDUIT SHALL EXIT FOUNDATION IN DIRECTION REQUIRED PER SITE.
6. FOUNDATION SHALL BE LEVEL AND PLUMB.
7. TOWER AND CONDUIT SHALL BE PLUMB.
8. SEAL TOWER AND CONDUIT ENDS TO PREVENT WATER ENTRY UNTIL SYSTEM INSTALLATION.
9. TOLERANCE = +/- 0.38".

Items To Be Supplied by Contractor

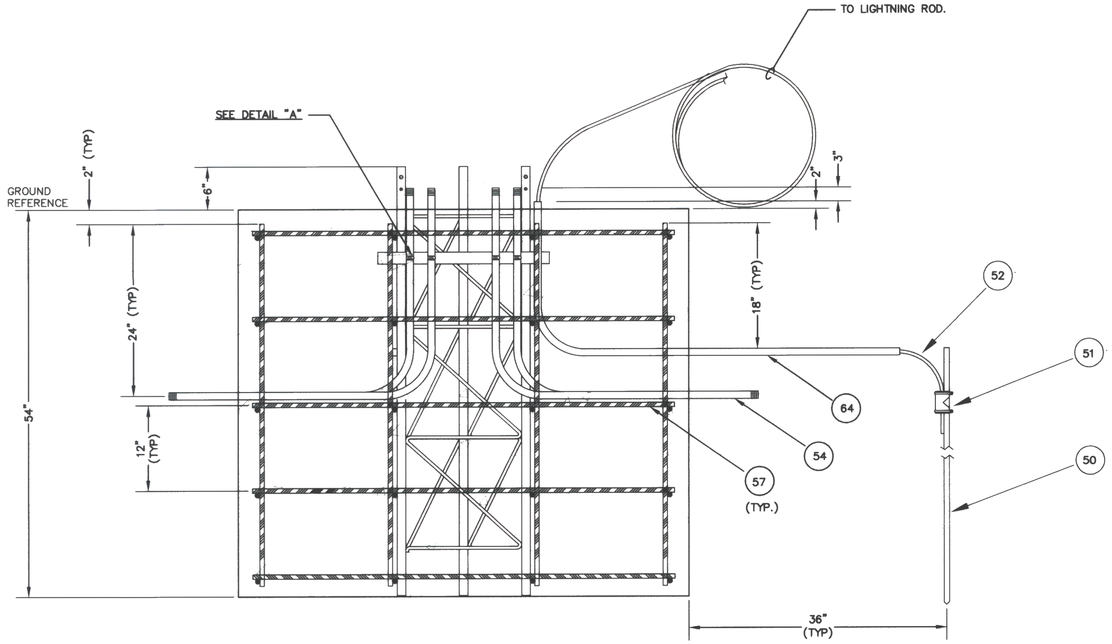
Item	Description	Recommended Manufacturer Name and Part Number	Quantity Required
50	Ground Rod, 3/4"DIA	Robbins #9710	2 EA
51	Ground Clamp	Robbins #98B	2 EA
52	Ground Wire, 2/0 Copper	Rohn #CW 2/0ST	40 Ft.
54	Rigid Galv. St. Conduit, 3/4"DIA	Allied #Rigid 3/4"	As Required
57	Reinforced Steel Bar 15M	Parker Steel International #4	258 Ft.
64	Nonmetallic Tubing 3/4"	Carflex #15107	10 Ft.

Items Supplied by Vaisala Inc., Artais Division

Item	Part No.	Description	QTY	U/M
2	72-21957	Tower Base Short 5' (18")	1	EA
3	51-22371	Strut, 24" Cut	1	EA
13	45-21271	U-Bolt 1"x3.75" Overall Length SS	2	EA
14	45-21378	Clamp, Pipe 3/4 GRC and IMC	4	EA



DETAIL "A"



FRONT ELEVATION

A/9 10 METER WIND TOWER FOUNDATION
NOT TO SCALE

Dufresne-Henry
Saratoga Springs, New York
Tel. (518) 587-3415 • FAX (518) 581-1284
www.dufresne-henry.com

Rev.	Description	By	Date

VERMONT

AWOS INSTALLATION
FRANKLIN AIR 04-3144 C/1

FRANKLIN COUNTY STATE AIRPORT
10-METER WIND TOWER FOUNDATION

HIGHGATE

STATE OF VERMONT ANDREW H. TIMS No. 6486 REGISTERED PROFESSIONAL ENGINEER

Project No.	8190066
Proj. Manager	AHT
Proj. Designer	AHT
Drawn By	DNF
Checked By	MC
Scale	NTS
Approved	MC
Date	05-07-01

9

Sheet 9 of 11
D AWOS 7

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