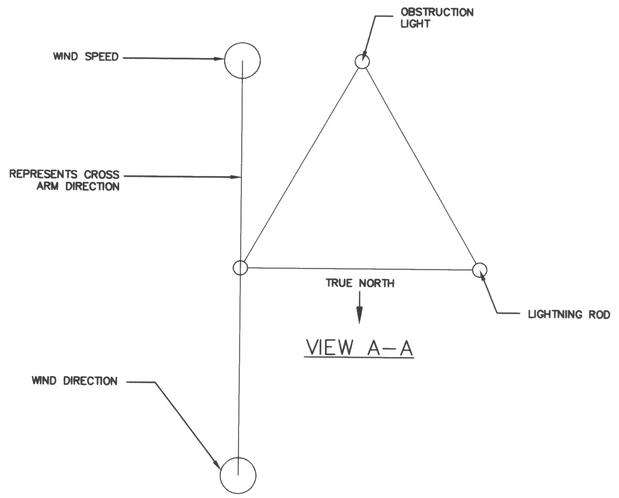
Items Supplied by Vaisala Inc., Artais Division				
A WIND TOWER				
Item	Part No.	Description	QTY	U/M
1	72-22465	Tower, (45G) 10' Section 18" Painted	3	E/A
2	39-22418	Pipe 1" x 59.5" GS Painted White Toe	1	E/A
3	45-22196	Tube Cap 1-1/4" ID LDPE Black	3	E/A
4	45-21278	Clamp, Conduit 1-1/2 W/Nuts Zinc	2	E/A
5	72-22465A	Tower Bolt 5/16-18x2.375" W/Nut for Wind	9	E/A
6	72-22465B	Tower Bolt 7/16-14x2.5" W/Nut for Wind	9	E/A
7	45-21279	Clamp, Conduit 1 W/Nuts Zinc	2	E/A
8	45-21277	Clamp, U-Bolt 1-1/4 with Strap	8	E/A
9	12-22111	Light Bulb, Ruggedized 116-A21	2	E/A
10	73-22110	Obstruction Light, Double	1	E/A

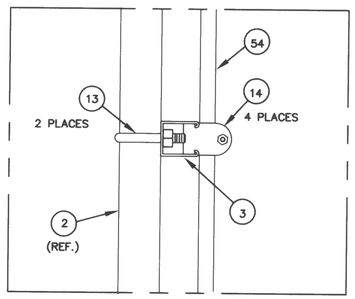
Items Supplied by Vaisala Inc., Artais Division				
B WIND SENSOR				
Item	Part No.	Description	QTY	U/M
13	04-WAA151	Anemometer	1	E/A
14	04-WAV151	Wind Vane	1	E/A
15	70-22796-0	Wind Crossarm Assembly 58' Cable	1	E/A
16	70-22341-0	PCA, ISI AD Wind	1	E/A
17	39-21378	Plug, Schedule 80 1 1/2PVC	1	E/A
18	45-22200	Conduit Coupling 1-1/2"	1	E/A
19	45-22418	Reducer Bushing, 1 1/2-1	1	E/A
20	45-21375	Cord Grip 0.170 - 0.470 DIA W/O Nut	1	E/A
21	45-22398	Reducer Bushing, 3/4 - 1/2	1	E/A
22	45-22195	Conduit Coupling 3/4" Galvanized	1	E/A

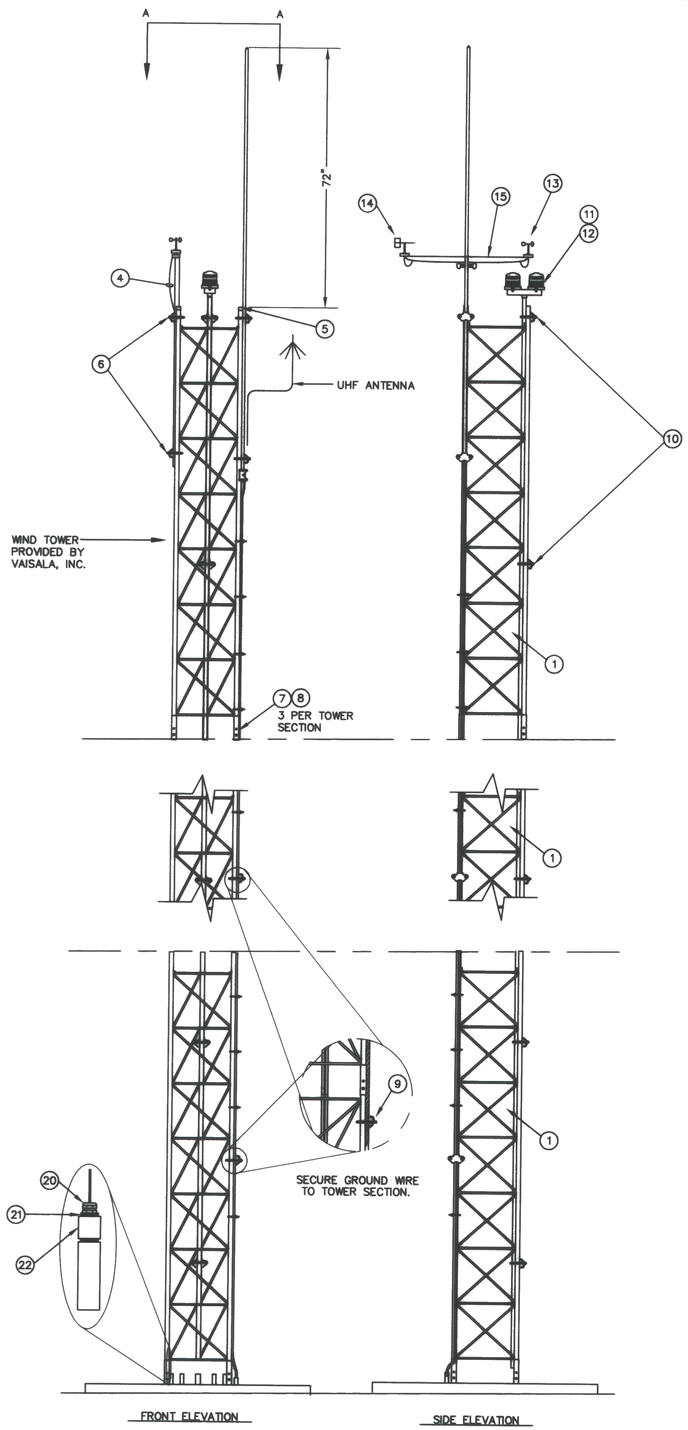
Items to be Supplied by Contractor				
B WIND SENSOR				
Item	Part No.	Description	QTY	U/M
55	N/A	Cable Tie 9.5 UV Resistant	12	E/A

NOTES:
1. ITEMS 4 THROUGH 9 ARE PART OF 02-22827
2. ITEM 55 CABLE TIE 9.5 UV RESISTENT (QTY. 12) NOT SUPPLIED BY VAISALA ARTAIS DIVISION
3. ITEM 10 IS INSTALLED IN THE ISI MODULE
4. UHF ANTENNA AND FITTINGS TO BE SUPPLIED BY VAISALA, INC.



VIEW A–A





A/10 10 METER WIND TOWER COMPLETE
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

AWOS INSTALLATION
FRANKLIN AIR 04-3144 C/1

FRANKLIN COUNTY STATE AIRPORT
10-METER WIND TOWER
WITH WIND SENSOR INSTALLATION

HIGHGATE VERMONT

STATE OF VERMONT ANDREW H. TOMS 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

10

Sheet 10 of 11
D AWOS 7