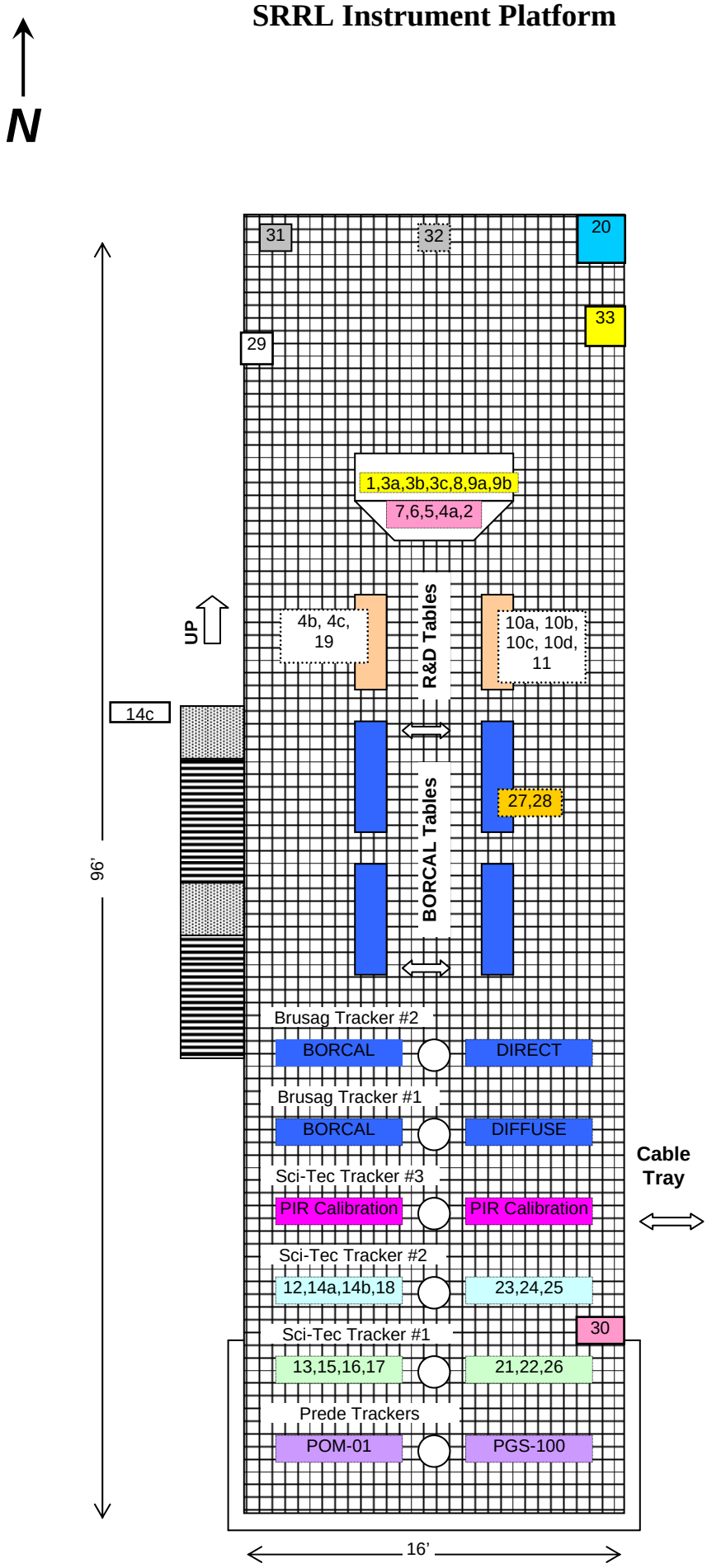
SRRL Instrument Platform



BORCAL = Broadband Outdoor Radiometer CALibratrion

1	Global – PSP Not Ventilated
2	Global – PSP Ventilated
3a	Global – Silicon (LI-200) Primary
3b	Global – Silicon Kipp SPLite
3c	Global – Kipp CM6b
4a	Global – PSP RG780 Ventilated
4b	Global – YES TSP-1
4c	Global – YES TSP-700
5	Total UV – Eppley TUVR
6	UVB – YES UVB-1 w/detector temp
7	UVB – Solar Light w/detector temp
8	UVB – EKO MS-210W
9a	UVA – Kipp CUVA1 w/detector temp
9b	UVB – Kipp CUVB1 w/detector temp
10a	UVA – Kipp UV-SAT w/detector temp
10b	UVB – Kipp UV-SBT w/detector temp
10c	Global – Kipp CM-22 (Ventilated)
10d	Global – Apogee SP-110
11	Global – UV-Total – Kipp CUV4
12	Direct – NIP (unit 1)
13	Direct – NIP (unit 2)
14a	Direct – RG780 NIP
14b	Direct – Silicon LI-201
14c	Wind Speed/Direction – RM Young 03001
15	Direct – Kipp CH1
16	Direct – UVA Kipp CUVA2 w/detector T
17	Direct – UVB Kipp CUVB2 w/detector T
18	Direct – 500 nm (Ted's photometer)
19	Global/Diffuse – Delta T SPN1
20	Diffuse – PSP Shadowband (No Vent)
21	Diffuse – PSP Tracking Disk (Ventilated)
22	Diffuse – 8-48 Tracking Disk (Ventilated)
23	Diffuse – CM-22 Track Disk (Ventilated)
24	Diffuse – UV-Total – Kipp CUV4
25	IR Down – CG4 Track Disk (Ventilated)
26	IR Down – PIR Track Disk (Ventilated)
27	Deck Temperature (HMP-45C)
28	Deck Relative Humidity (HMP-45C)
29	Total Sky Imager – YES TSI-880
30	Sky Camera - Afshin
31	Rotating Shadowband Pyranometer v0
32	Rotating Shadowband Pyranometer v2
33	Global/Diffuse – PSP Zebra Shadowband

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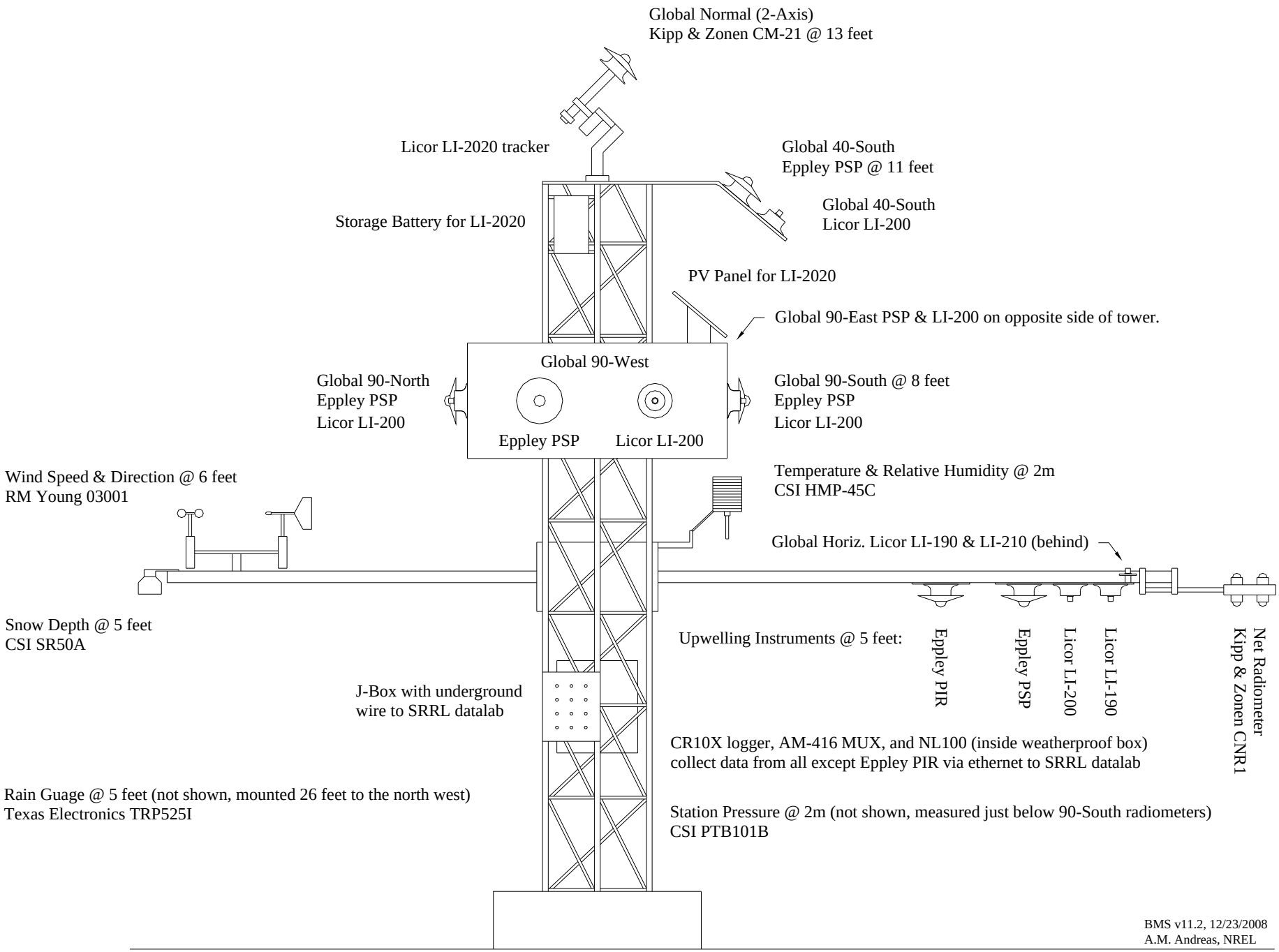
SRRL Baseline Measurement System
Radiometer Tower



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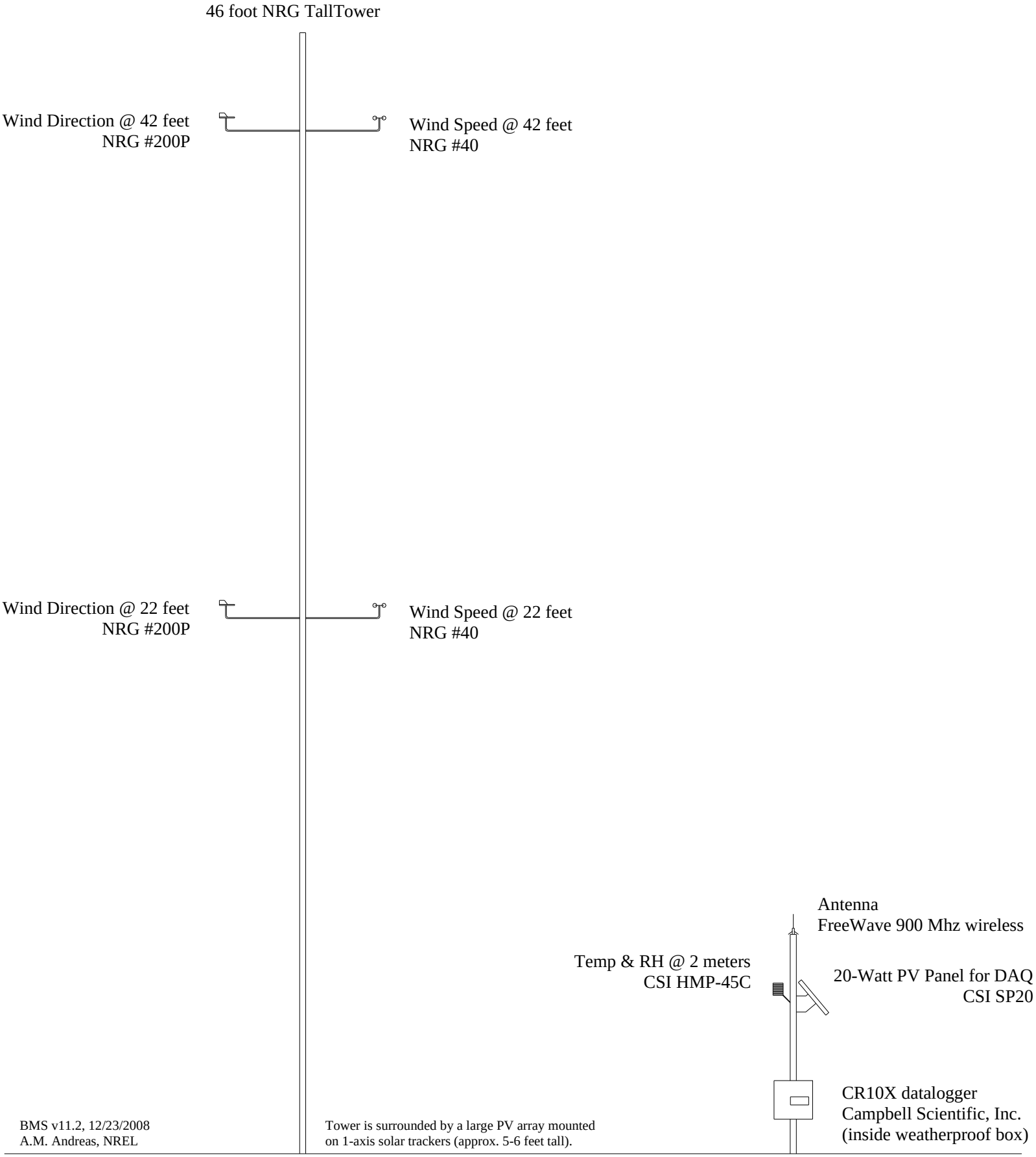
SRRL Baseline Measurement System
PV / Meteorological Tower



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Tower is surrounded by a large PV array mounted on 1-axis solar trackers (approx. 5-6 feet tall).