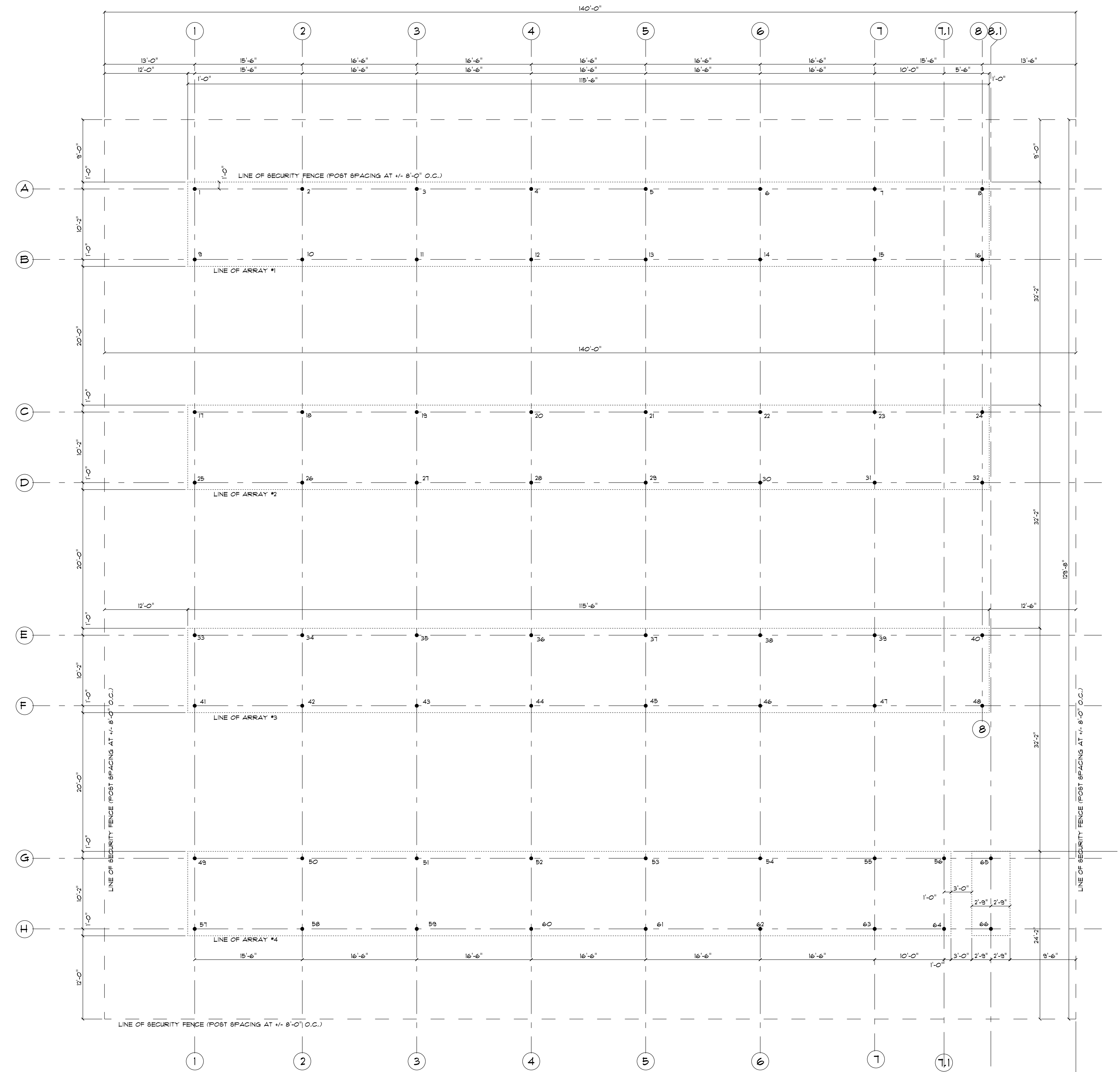


PIER SCHEDULE

PIER NUMBER	COMPRESSION KIPS	TENSION KIPS	LATERAL KIPS	PLATE ELEVATION
1	8.0	3.0	2.0	V.I.F.
2	10.0	4.0	3.0	V.I.F.
3	10.0	4.0	3.0	V.I.F.
4	10.0	4.0	3.0	V.I.F.
5	10.0	4.0	3.0	V.I.F.
6	10.0	4.0	3.0	V.I.F.
7	10.0	4.0	3.0	V.I.F.
8	8.0	3.0	2.0	V.I.F.
9	8.0	3.0	2.0	V.I.F.
10	10.0	4.0	3.0	V.I.F.
11	10.0	4.0	3.0	V.I.F.
12	10.0	4.0	3.0	V.I.F.
13	10.0	4.0	3.0	V.I.F.
14	10.0	4.0	3.0	V.I.F.
15	10.0	4.0	3.0	V.I.F.
16	8.0	3.0	2.0	V.I.F.
17	8.0	3.0	2.0	V.I.F.
18	10.0	4.0	3.0	V.I.F.
19	10.0	4.0	3.0	V.I.F.
20	10.0	4.0	3.0	V.I.F.
21	10.0	4.0	3.0	V.I.F.
22	10.0	4.0	3.0	V.I.F.
23	10.0	4.0	3.0	V.I.F.
24	8.0	3.0	2.0	V.I.F.
25	8.0	3.0	2.0	V.I.F.
26	10.0	4.0	3.0	V.I.F.
27	10.0	4.0	3.0	V.I.F.
28	10.0	4.0	3.0	V.I.F.
29	10.0	4.0	3.0	V.I.F.
30	10.0	4.0	3.0	V.I.F.
31	10.0	4.0	3.0	V.I.F.
32	8.0	3.0	2.0	V.I.F.
33	8.0	3.0	2.0	V.I.F.
34	10.0	4.0	3.0	V.I.F.
35	10.0	4.0	3.0	V.I.F.
36	10.0	4.0	3.0	V.I.F.
37	10.0	4.0	3.0	V.I.F.
38	10.0	4.0	3.0	V.I.F.
39	10.0	4.0	3.0	V.I.F.
40	8.0	3.0	2.0	V.I.F.
41	8.0	3.0	2.0	V.I.F.
42	10.0	4.0	3.0	V.I.F.
43	10.0	4.0	3.0	V.I.F.
44	10.0	4.0	3.0	V.I.F.
45	10.0	4.0	3.0	V.I.F.
46	10.0	4.0	3.0	V.I.F.
47	10.0	4.0	3.0	V.I.F.
48	8.0	3.0	2.0	V.I.F.
49	8.0	3.0	2.0	V.I.F.
50	10.0	4.0	3.0	V.I.F.
51	10.0	4.0	3.0	V.I.F.
52	10.0	4.0	3.0	V.I.F.
53	10.0	4.0	3.0	V.I.F.
54	10.0	4.0	3.0	V.I.F.
55	10.0	3.0	2.0	V.I.F.
56	8.0	3.0	2.0	V.I.F.
57	8.0	4.0	3.0	V.I.F.
58	10.0	4.0	3.0	V.I.F.
59	10.0	4.0	3.0	V.I.F.
60	10.0	4.0	3.0	V.I.F.
61	10.0	4.0	3.0	V.I.F.
62	10.0	3.0	2.0	V.I.F.
63	10.0	3.0	2.0	V.I.F.
64	8.0	3.0	2.0	V.I.F.
65	6.0	3.0	2.0	V.I.F.
66	6.0	3.0	2.0	V.I.F.

LOADS REPRESENTED BY THIS SCHEDULE ARE IN KIPS AND ARE SHOWN AS DESIGN LOADS. LOADS SHALL BE INCREASED BY THE RECOMMENDED SAFETY FACTOR TO PRODUCE THE SUPPLIER'S / MANUFACTURER'S RECOMMENDED ULTIMATE LOAD / INSTALLATION LOAD.



NOTES:

IT IS A REQUIREMENT OF THIS PROJECT THAT THE RACKING SUPPLIER / MANUFACTURER IS TO MEET THE LAYOUT AND SPACING REQUIREMENTS ENGINEERED. ANY CHANGES TO THE FOUNDATION DESIGN REQUIRED BY THE RACKING SUPPLIER / MANUFACTURER WILL BE AT THE EXPENSE OF THE RACKING SUPPLIER / MANUFACTURER.

IT IS A REQUIREMENT OF THIS PROJECT THAT THE RACKING SYSTEM BEING INSTALLED BE ABLE TO SUPPORT HORIZONTALLY ORIENTED PV MODULES. THIS PROJECT SPECIFICALLY CALLS FOR 4 ROWS AND 3 COLUMNS BETWEEN EACH SUPPORT.

NORTH TO SOUTH SPACING OF PIERS IS TO BE VERIFIED BY CONTRACTOR WITH THE RACKING SUPPLIER SPECIFICATIONS.

IMPOSED LOADS:
 WIND EXPOSURE "B" 10 MPH FOR 3 SECOND
 30 PSF GROUND SNOW LOAD
 15 PSF DEAD LOAD MAXIMUM (PANEL PLUS RACKING)
 RACKING DESIGN AND ENGINEERING TO BE REVIEWED BY PROJECT ENGINEER OF RECORD FOR FINAL APPROVAL.

FOUNDATION PIER PLAN

SCALE: 1/8" = 1'-0"



J. T. KATRAKIS & ASSOCIATES, INC.
 Energy & Environmental Engineering, Consulting and Management
 418 North Avenue, Barrington, Illinois 60010
 P: 847-382-1877 F: 847-382-5194

JOSEPH A. MEYER & ASSOCIATES
 STRUCTURAL AND PROFESSIONAL ENGINEERS
 135 PARK AVE BARRINGTON ILLINOIS 60010 847-382-0200

MCHENRY COUNTY COLLEGE
 SHAH CENTER SOLAR PV PROJECT
 4100 SHAMROCK LANE, MCHENRY, IL 60050

DATE	REVISION
05/14/14	PERMIT & BIDDING

JOB #
186

S-2

FOUNDATION PIER PLAN