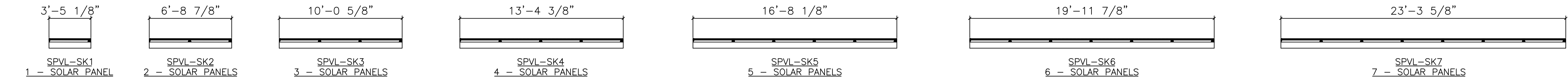


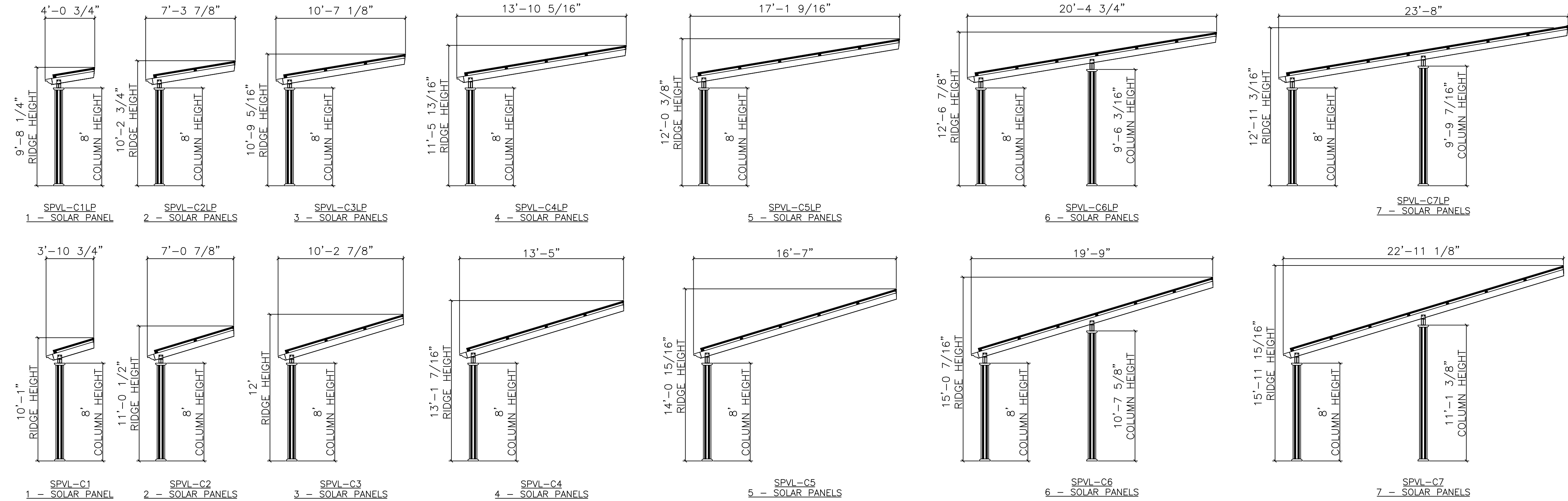
Standard Length of System with Bi-Facial
PV Panels in Landscape Layout

NO. of Sections	Length
1	5'-8-1/4"
2	11'-2-1/2"
3	16'-8-3/4"
4	22'-3"
5	27'-9-1/4"
6	33'-3-1/2"
7	38'-9-3/4"
8	44'-4"
9	49'-10-1/4"
10	55'-4-1/2"
11	60'-10-3/4"
12	66'-5"
13	71'-11-1/4"
14	77'-5-1/2"
15	82'-11-3/4"
16	88'-6"
17	94'-1/4"
18	99'-6-1/2"
19	105'-3/4"
20	110'-7"
21	116'-1-1/4"
22	121'-7-1/2"
23	127'-1-3/4"
24	132'-8"
25	138'-2-1/4"
26	143'-8-1/2"
27	149'-2-3/4"
28	154'-9"
29	160'-3-1/4"
30	165'-9-1/2"
31	171'-3-3/4"
32	176'-10"
33	182'-4-1/4"
34	193'-4-3/4"
35	198'-11"
36	204'-5-1/4"
37	209'-11-1/2"
38	215'-5-3/4"
39	221'
40	226'-6-1/4"
41	232'-1/2"
42	237'-6-3/4"
43	243'-1"
44	248'-7-1/4"
45	254'-1-1/2"
46	259'-7-3/4"
47	265'-2"
48	270'-8-1/4"
49	276'-8-1/4"
50	281'-8-3/4"
Add on Per Panel 5'-6-1/4"	

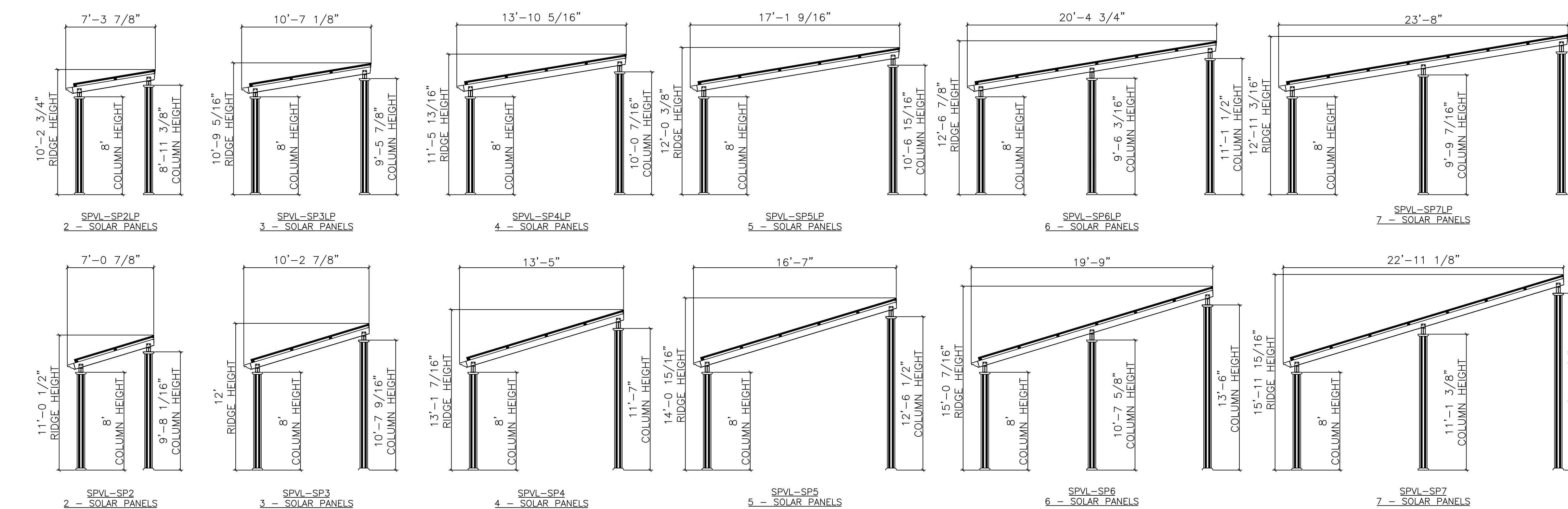
BI-FACIAL MODULE ROOF-INTERGRATED MODELS – PANELS IN LANDSCAPE LAYOUT



BI-FACIAL SOLARSHADE MODELS – LEAN TO DESIGN – PANELS IN LANDSCAPE LAYOUT



BI-FACIAL SUNPORT MODELS – FREE STANDING DESIGN – PANELS IN LANDSCAPE LAYOUT

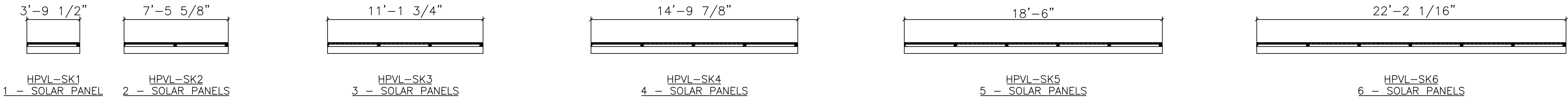


STANDARD LENGTH OF SYSTEM WITH HOLOGRAPHIC PV MODULES IN LANDSCAPE LAYOUT

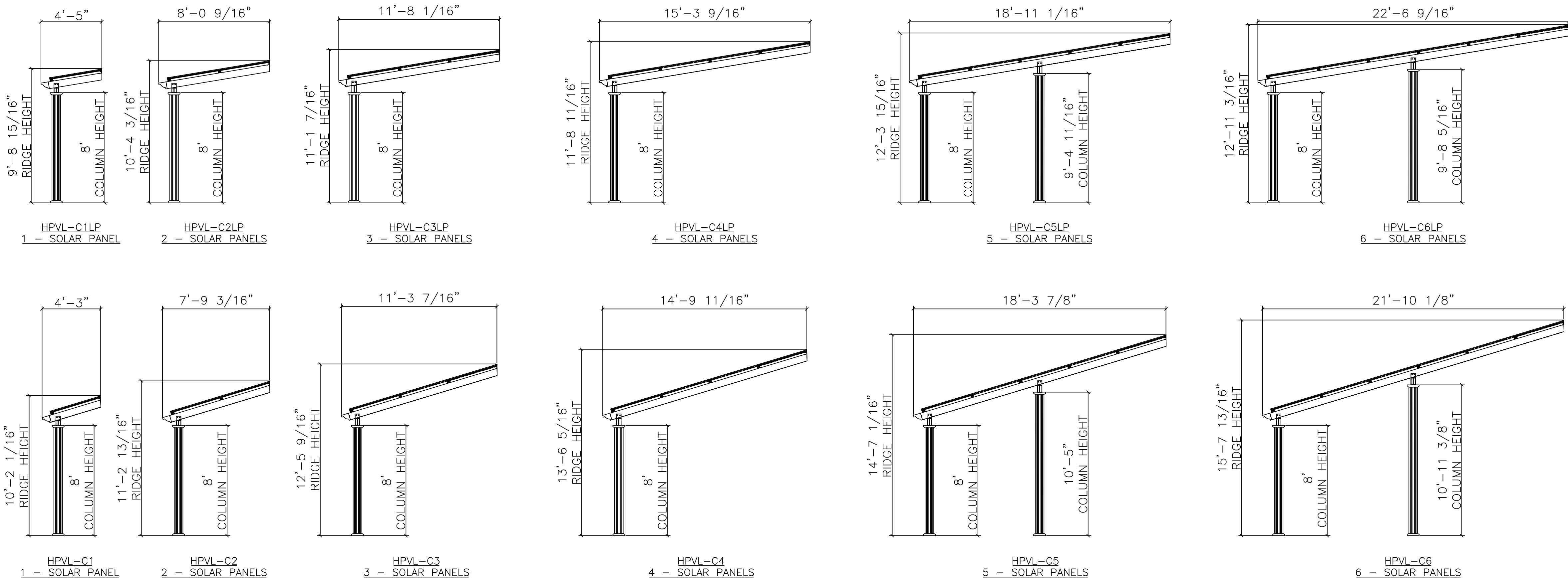
NO. of Sections	Length
1	5'-8"
2	11'-2"
3	16'-8"
4	22'-2"
5	27'-8"
6	33'-2"
7	38'-8"
8	44'-2"
9	49'-8"
10	55'-2"
11	60'-8"
12	66'-2"
13	71'-8"
14	77'-2"
15	82'-8"
16	88'-2"
17	93'-8"
18	99'-2"
19	104'-8"
20	110'-2"
21	115'-8"
22	121'-2"
23	126'-8"
24	132'-2"
25	137'-8"
26	143'-2"
27	148'-8"
28	154'-2"
29	159'-8"
30	165'-2"
31	170'-8"
32	176'-2"
33	181'-8"
34	187'-2"
35	192'-8"
36	198'-2"
37	203'-8"
38	209'-2"
39	214'-8"
40	220'-2"
41	225'-8"
42	231'-2"
43	236'-8"
44	242'-2"
45	247'-8"
46	253'-2"
47	258'-8"
48	264'-2"
49	269'-8"
50	275'-2"

Add on Per Panel 5'-6"

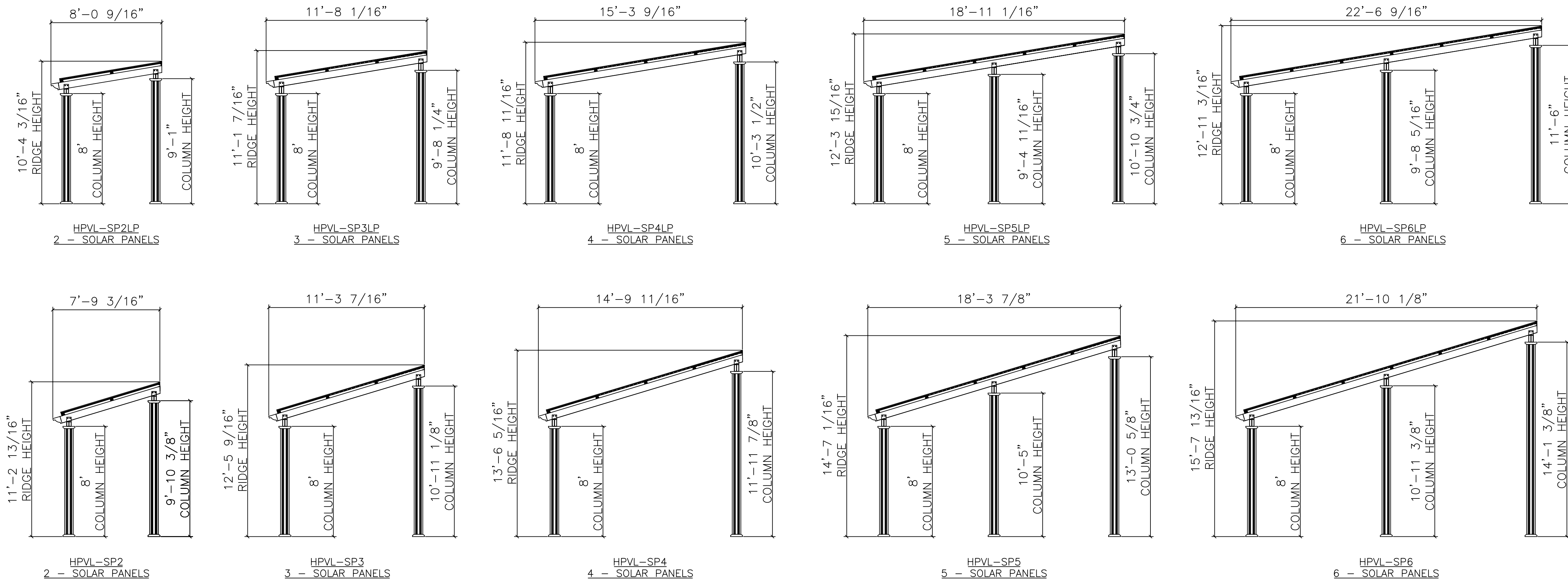
HOLOGRAPHIC MODULE ROOF-INTERGRATED MODELS – PANELS IN LANDSCAPE LAYOUT



HOLOGRAPHIC SOLARSHADE MODELS – LEAN TO DESIGN – PANELS IN LANDSCAPE LAYOUT



HOLOGRAPHIC SUNPORT MODELS – FREE STANDING DESIGN – PANELS IN LANDSCAPE LAYOUT

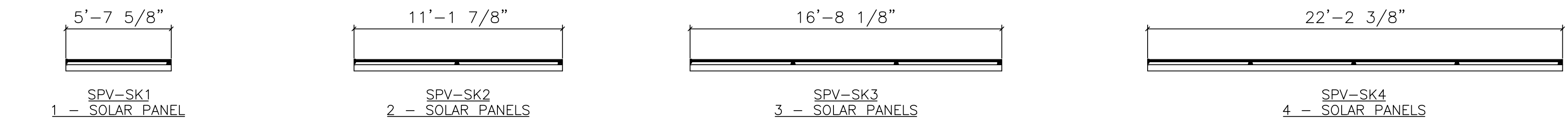


Standard Length of System with Bi-Facial
PV Panels in Portrait Layout

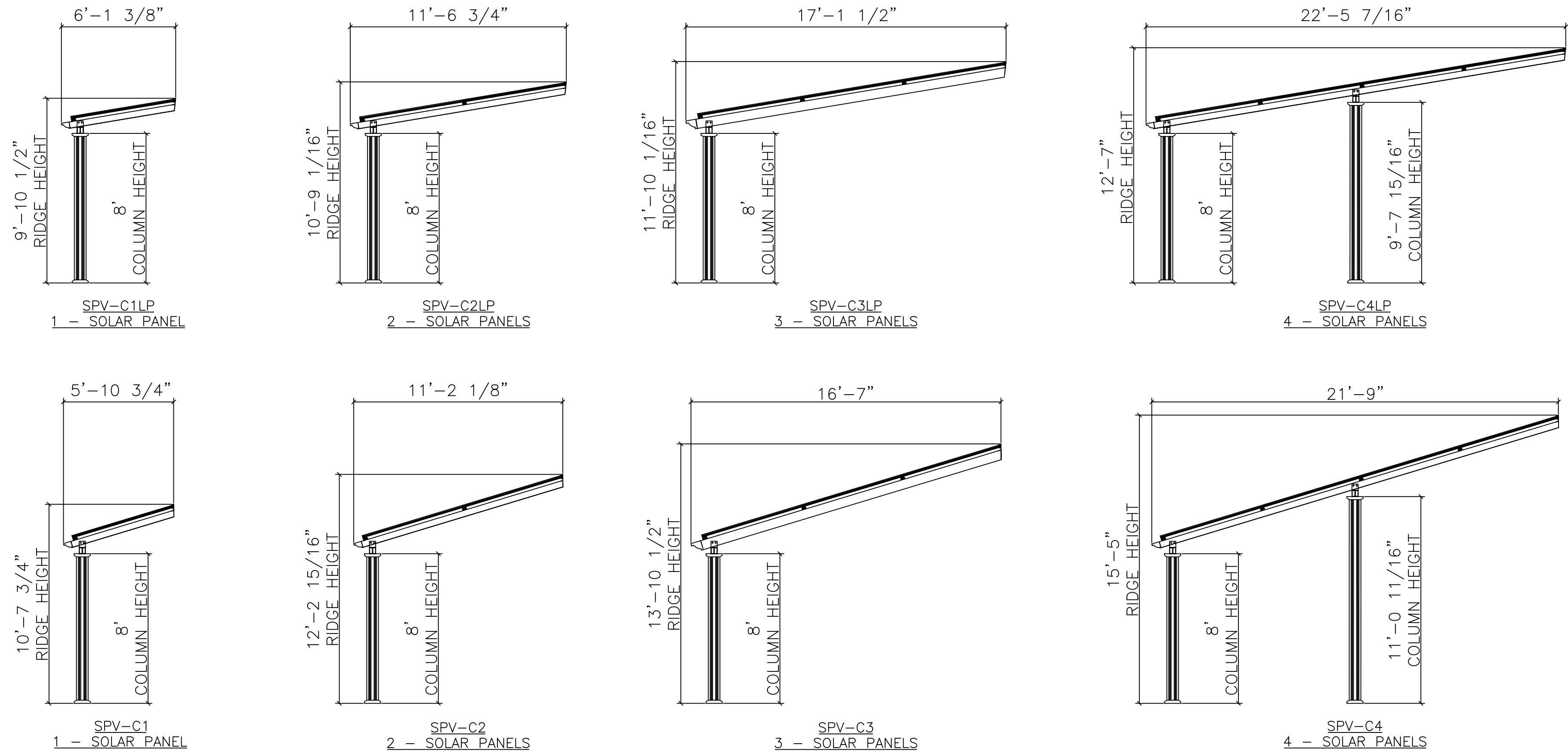
NO. of Sections	Length
1	3'-5-3/4"
2	6'-9-1/2"
3	10'-1-1/4"
4	13'-5"
5	16'-8-3/4"
6	20'-1/2"
7	23'-4-1/4"
8	26'-8"
9	29'-11-3/4"
10	33'-3-1/2"
11	36'-7-1/4"
12	39'-11"
13	43'-2-3/4"
14	46'-6-1/2"
15	49'-10-1/4"
16	53'-2"
17	56'-5-3/4"
18	59'-9-1/2"
19	63'-1-1/4"
20	66'-5"
21	69'-8-3/4"
22	73'-1/2"
23	76'-4-1/4"
24	79'-8"
25	82'-11-3/4"
26	86'-3-1/2"
27	89'-7-1/4"
28	92'-11"
29	96'-2-3/4"
30	99'-6-1/2"
31	102'-10-1/4"
32	106'-2"
33	109'-5-3/4"
34	112'-9-1/2"
35	116'-1-1/4"
36	119'-5"
37	122'-8-3/4"
38	126'-1/2"
39	129'-4-1/4"
40	132'-8"
41	135'-11-3/4"
42	139'-3-1/2"
43	142'-7-1/4"
44	145'-11"
45	149'-2-3/4"
46	152'-6-1/2"
47	155'-10-1/4"
48	159'-2"
49	162'-5-3/4"
50	165'-9-1/2"

Add on Per Panel 3'-3-3/4"

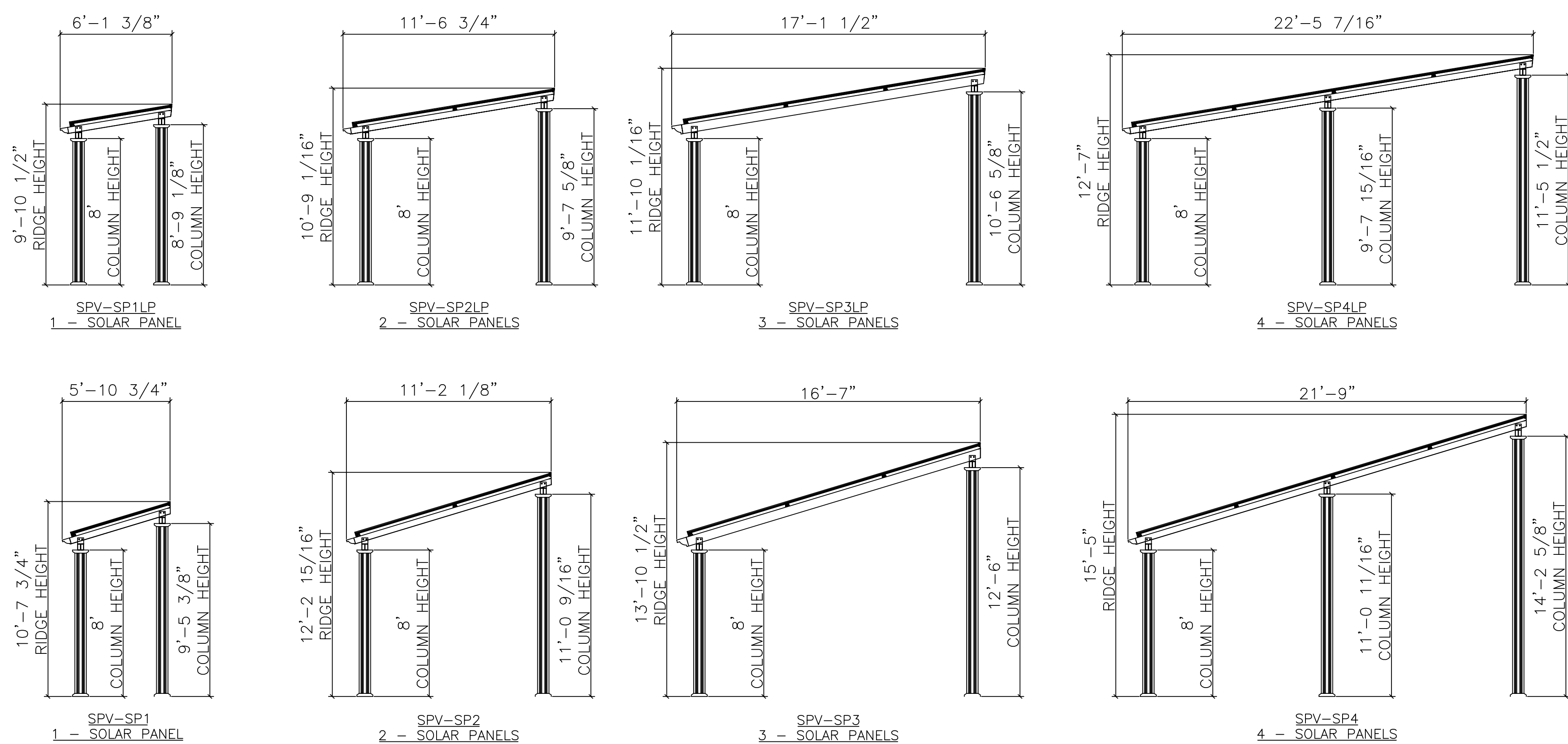
BI-FACIAL MODULE ROOF-INTERGRATED MODELS – PANELS IN PORTRAIT LAYOUT



BI-FACIAL SOLARSHADE MODELS – LEAN TO DESIGN – PANELS IN PORTRAIT LAYOUT



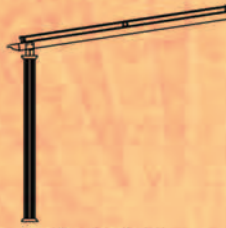
BI-FACIAL SUNPORT MODELS – FREE STANDING DESIGN – PANELS IN PORTRAIT LAYOUT



Design & Sizing Guide



Roof-Integrated Series:
Design to span short distances,
over substructures, or other
structural equivalent



Solarshade Series:
Designed to lean against a house or
structural equivalent



Sunport Series:
Designed to be a free standing structures

Larger applications or custom designs including back to back solar walkways, solar racking,
free standing systems, solar greenhouses, solar skylights & other solar designs.
Contact our sales team for design & pricing support.

Standard PV Structure Dimensions

Standard Length of System with PV Panels in Portrait Layout

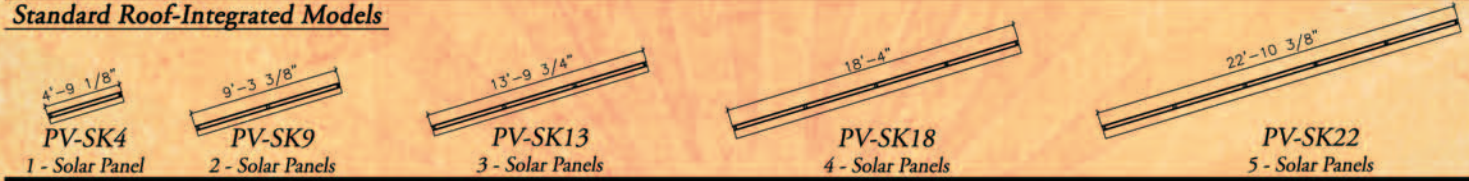
NO. of Sections /	Length	NO. of Sections /	Length	NO. of Sections /	Length
1	/ 3'-3-1/4"	18	/ 54'-9-5/8"	35	/ 106'-4"
2	/ 6'-3-5/8"	19	/ 57'-10"	36	/ 109'-4-3/8"
3	/ 9'-4"	20	/ 60'-10-3/8"	37	/ 112'-4-3/4"
4	/ 12'-4-3/8"	21	/ 63'-10-3/4"	38	/ 115'-5-1/8"
5	/ 15'-4-3/4"	22	/ 66'-11-1/8"	39	/ 118'-5-1/2"
6	/ 18'-5-1/8"	23	/ 69'-11-1/2"	40	/ 121'-5-7/8"
7	/ 21'-5-1/2"	24	/ 72'-11-7/8"	41	/ 124'-6-1/4"
8	/ 24'-5-7/8"	25	/ 76'-1/4"	42	/ 127'-6-5/8"
9	/ 27'-6-1/4"	26	/ 79'-5/8"	43	/ 130'-7"
10	/ 30'-6-5/8"	27	/ 82'-1"	44	/ 133'-7-3/8"
11	/ 33'-7"	28	/ 85'-1-3/8"	45	/ 136'-7-3/4"
12	/ 36'-7-3/8"	29	/ 88'-1-3/4"	46	/ 139'-8-1/8"
13	/ 39'-7-3/4"	30	/ 91'-2-1/8"	47	/ 142'-8-1/2"
14	/ 42'-8-1/8"	31	/ 94'-2-1/2"	48	/ 145'-8-7/8"
15	/ 45'-8-1/2"	32	/ 97'-2-7/8"	49	/ 148'-9-1/4"
16	/ 48'-8-7/8"	33	/ 100'-3-1/4"	50	/ 151'-9-5/8"
17	/ 51'-9-1/4"	34	/ 103'-3-5/8"	Add on Per Panel 3'-3/8"	

Standard Length of System with PV Panels in Landscape Layout

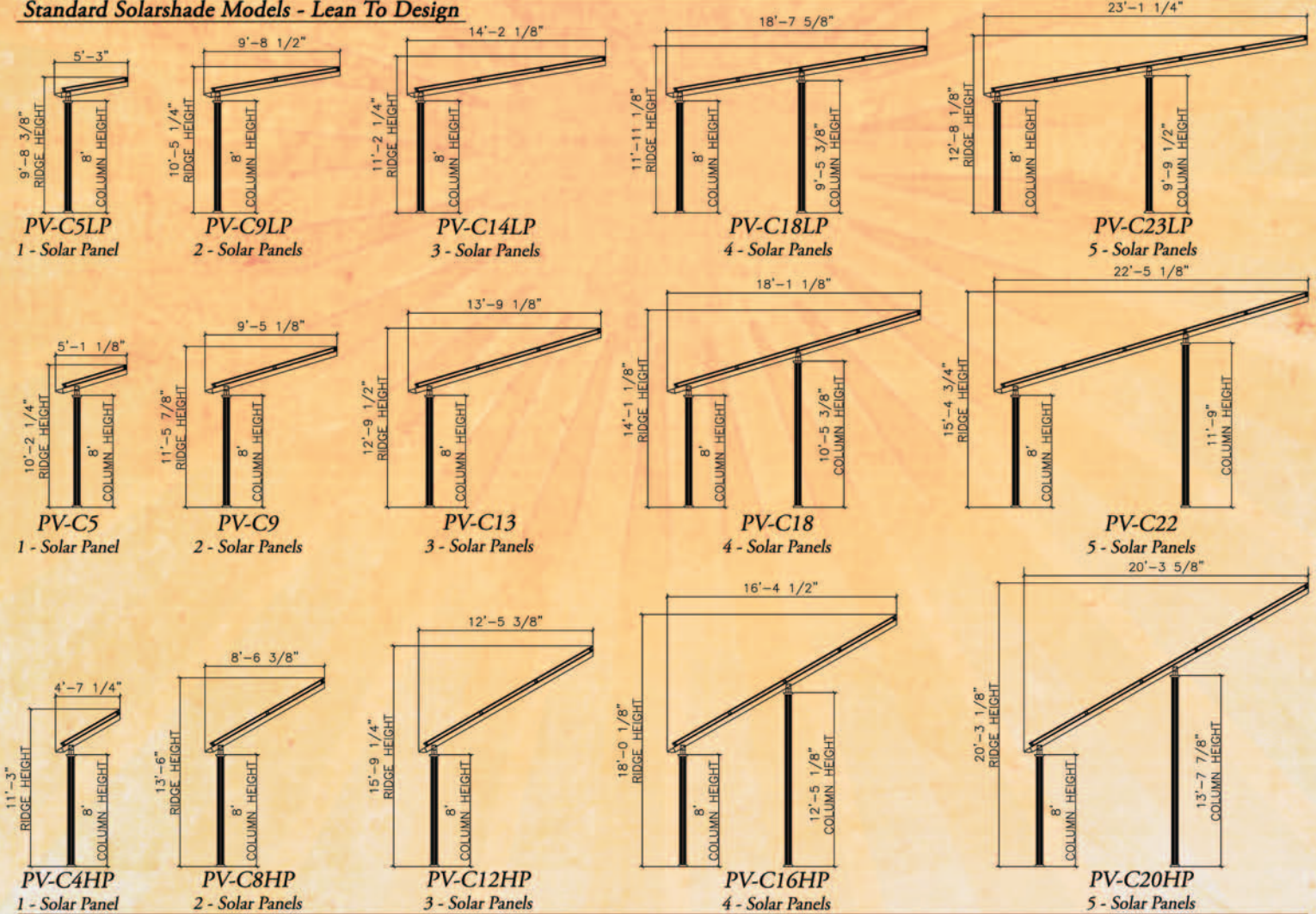
NO. of Sections /	Length	NO. of Sections /	Length	NO. of Sections /	Length
1	/ 4'-9"	18	/ 81'-6-1/4"	35	/ 158'-3-3/8"
2	/ 9'-3-1/4"	19	/ 86'-3/8"	36	/ 162'-9-5/8"
3	/ 13'-9-3/8"	20	/ 90'-6-5/8"	37	/ 167'-3-3/4"
4	/ 18'-3-5/8"	21	/ 95'-3/4"	38	/ 171'-10"
5	/ 22'-9-3/4"	22	/ 99'-7"	39	/ 176'-4-1/8"
6	/ 27'-4"	23	/ 104'-1-1/8"	40	/ 180'-10-3/8"
7	/ 31'-10-1/8"	24	/ 108'-7-3/8"	41	/ 185'-4-1/2"
8	/ 36'-4-3/8"	25	/ 113'-1-1/2"	42	/ 189'-10-3/4"
9	/ 40'-10-1/2"	26	/ 117'-7-3/4"	43	/ 194'-4-7/8"
10	/ 45'-4-3/4"	27	/ 122'-1-7/8"	44	/ 198'-11-1/8"
11	/ 49'-10-7/8"	28	/ 126'-8-1/8"	45	/ 203'-5-1/4"
12	/ 54'-5-1/8"	29	/ 131'-2-1/4"	46	/ 207'-11-1/2"
13	/ 58'-11-1/4"	30	/ 135'-8-1/2"	47	/ 212'-5-5/8"
14	/ 63'-5-1/2"	31	/ 140'-2-5/8"	48	/ 216'-11-7/8"
15	/ 67'-11-5/8"	32	/ 144'-8-7/8"	49	/ 221'-6"
16	/ 72'-5-7/8"	33	/ 149'-3"	50	/ 226'-1/4"
17	/ 77'	34	/ 153'-9-1/4"	Add on Per Panel 4'-6-3/16"	

Standard Models with Solar Panels in Portrait Layout

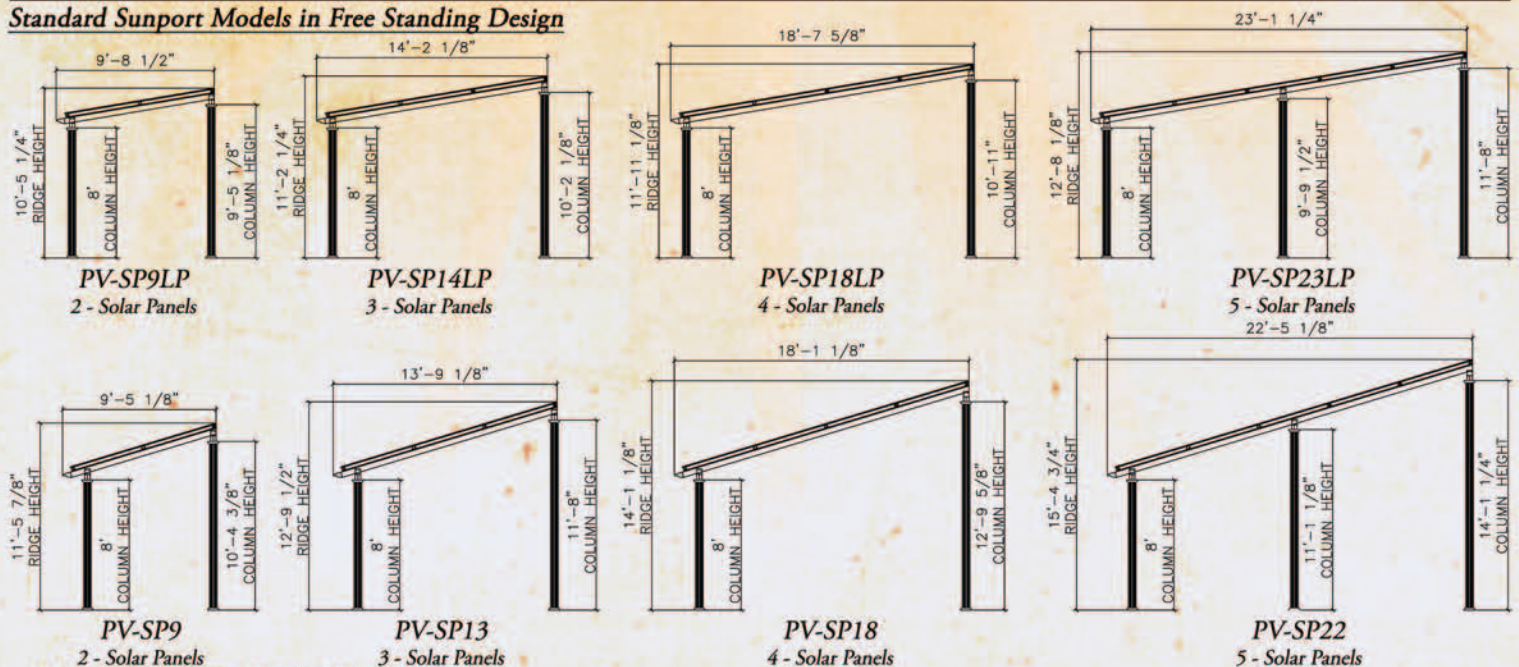
Standard Roof-Integrated Models



Standard Solarshade Models - Lean To Design



Standard Support Models in Free Standing Design

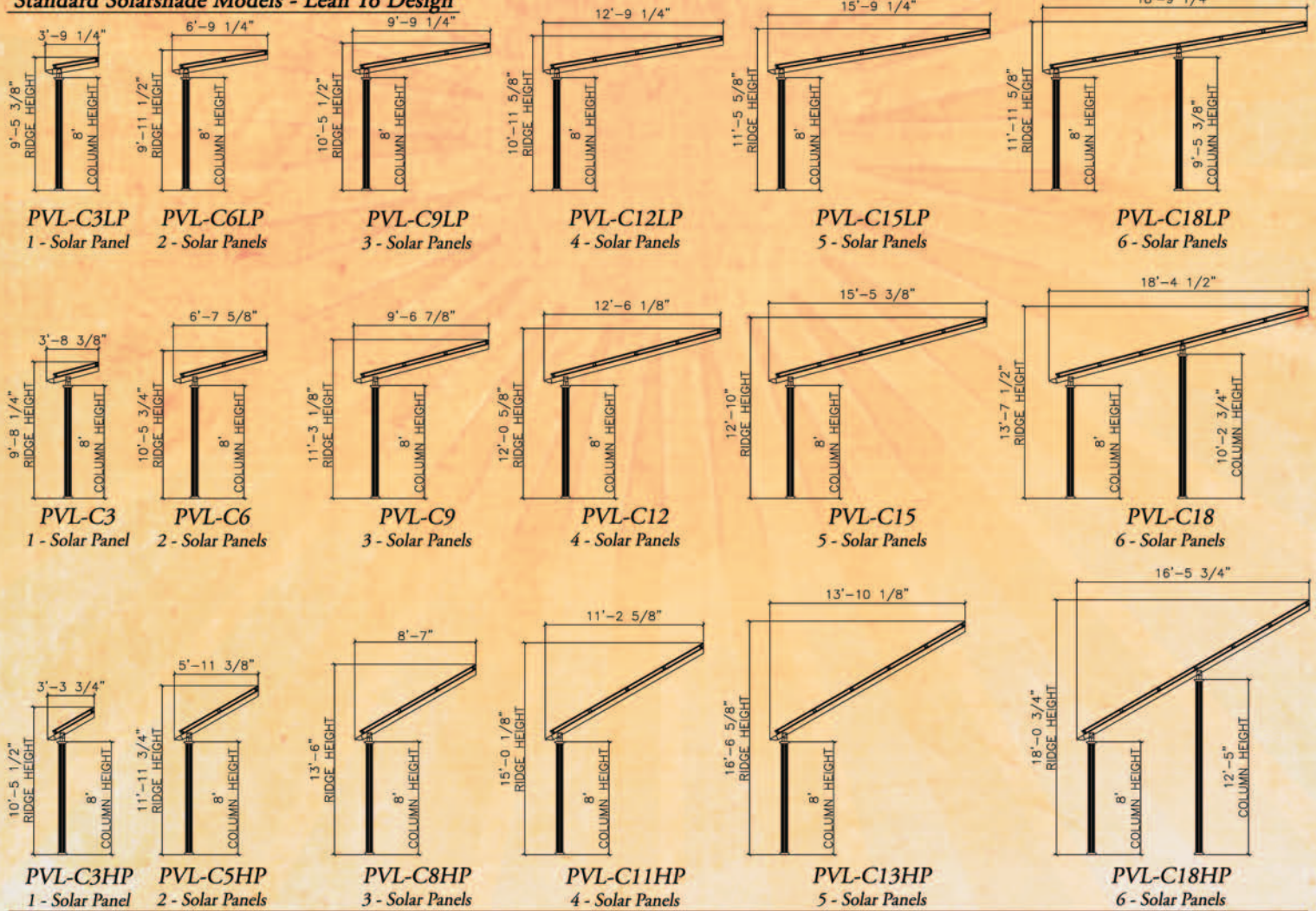


Standard Models with Solar Panels in Landscape Layout

Standard Roof-Integrated Models



Standard Solarshade Models - Lean To Design



Standard Support Models in Free Standing Design

