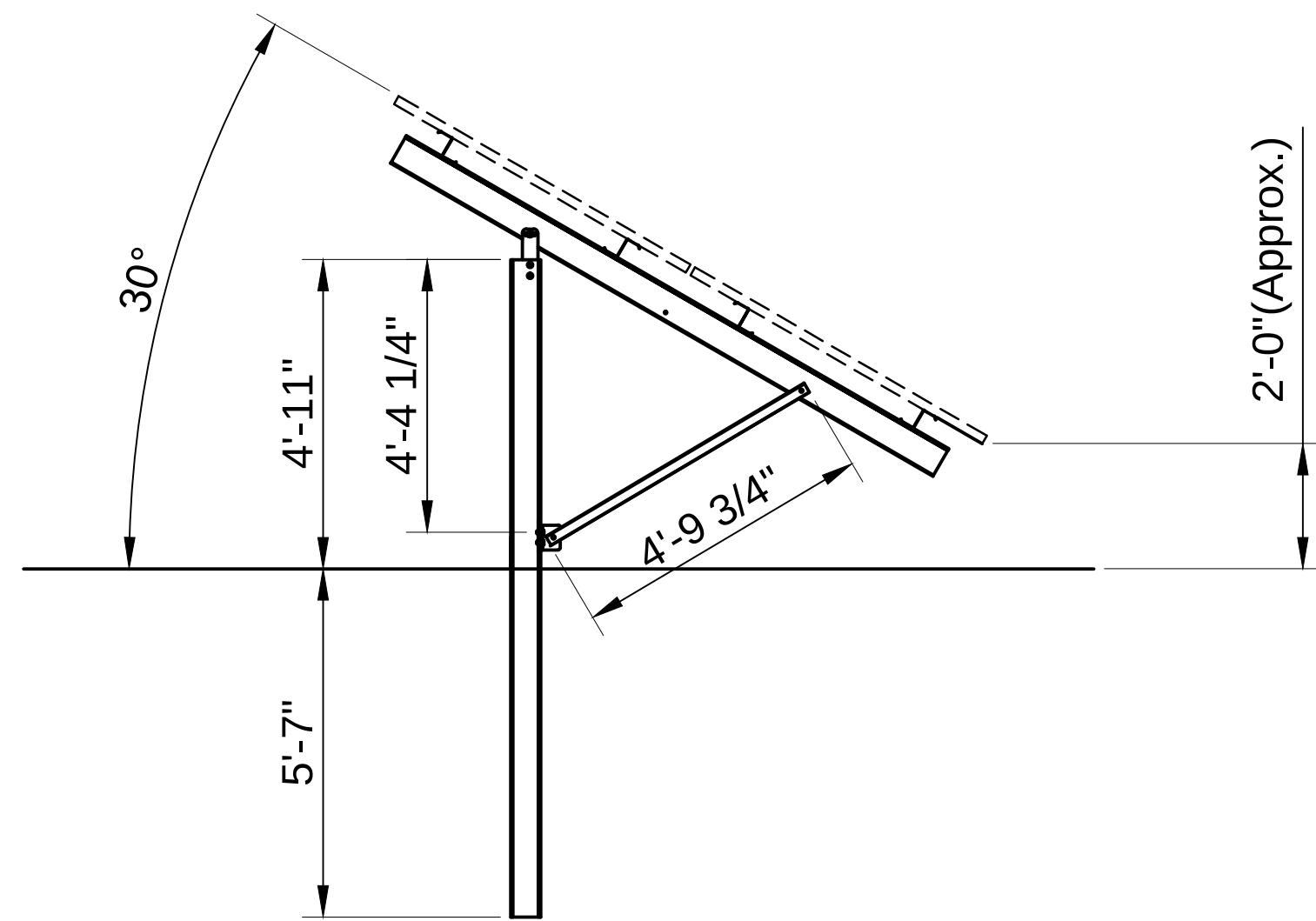
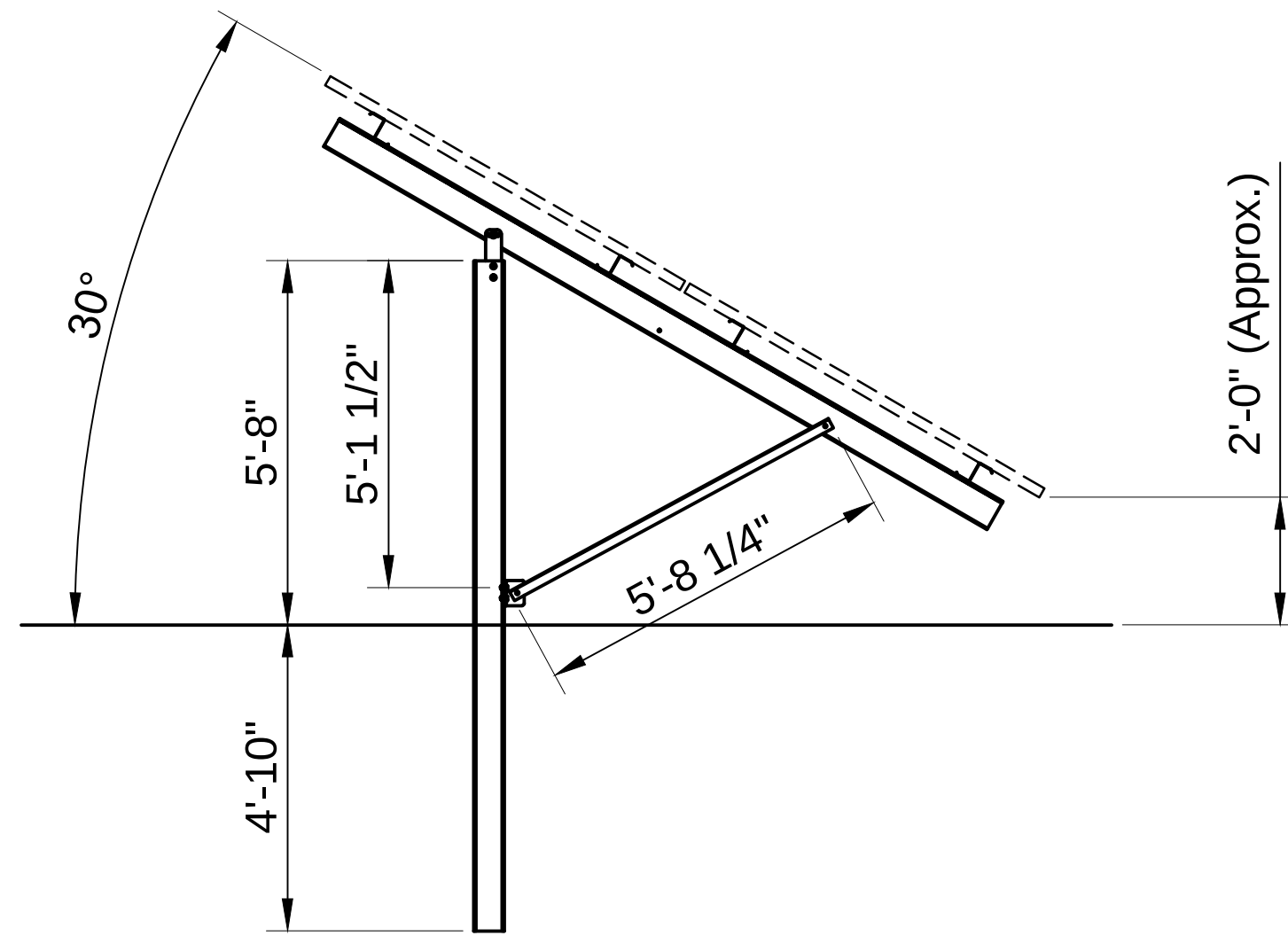
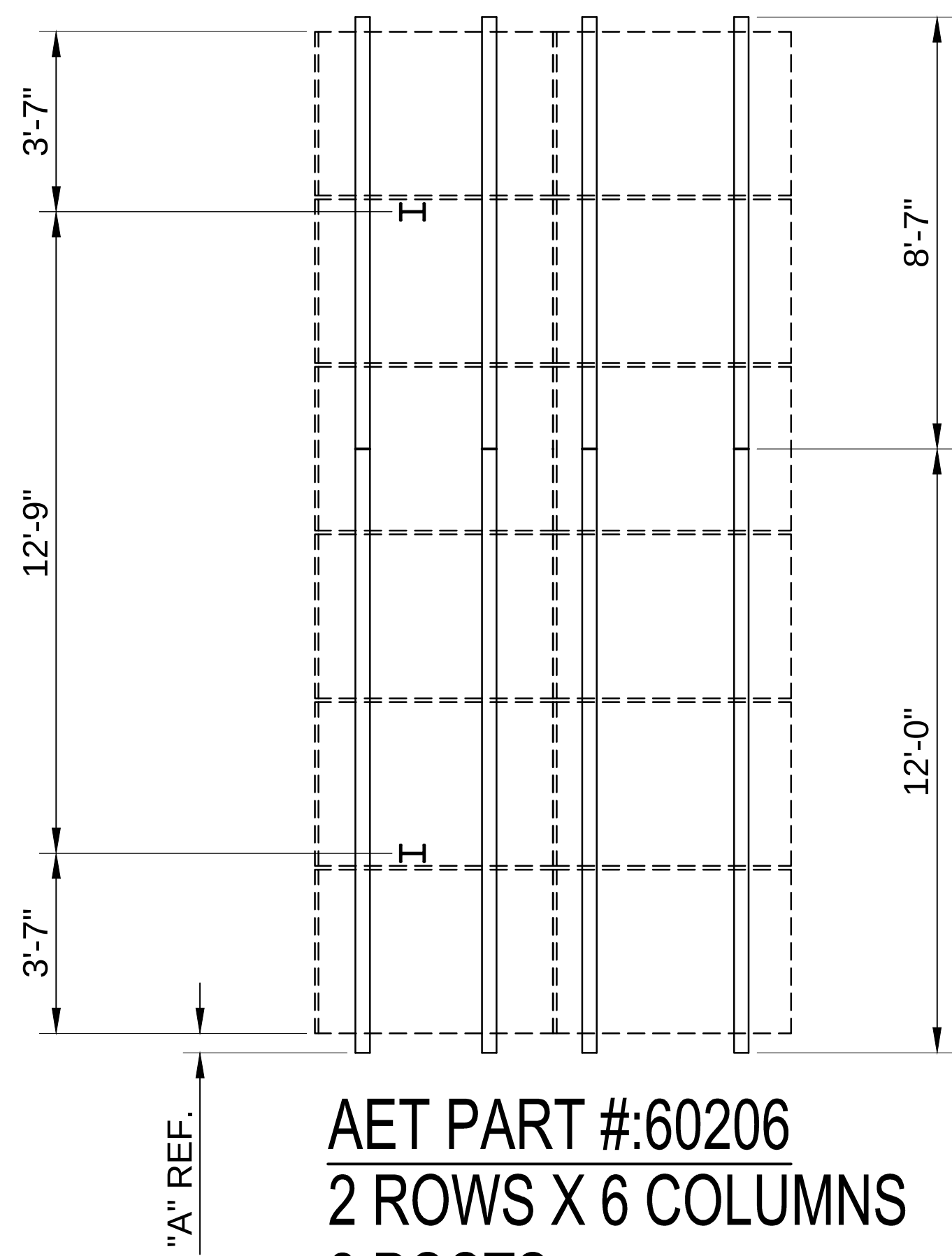




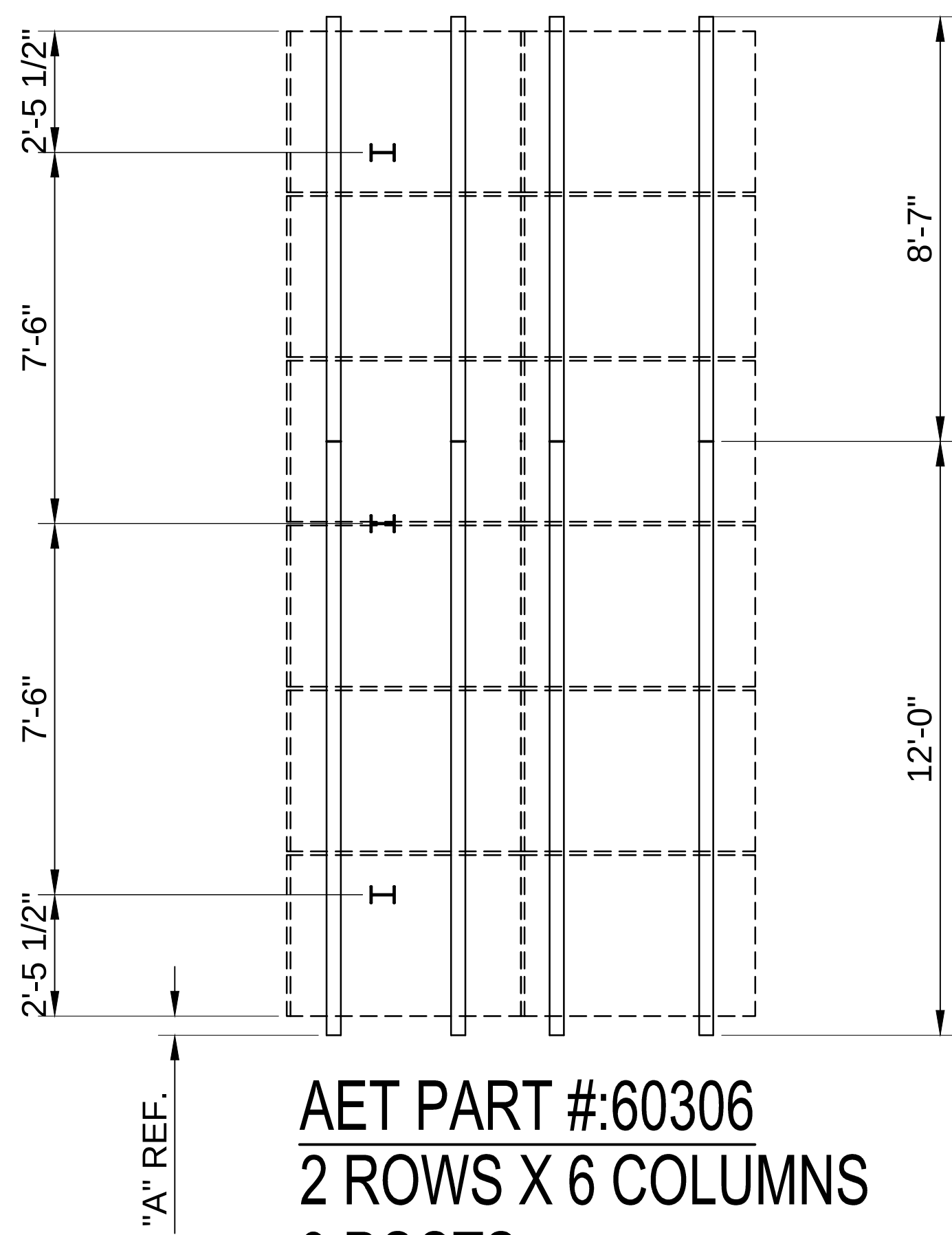
SIDE VIEW - 60 CELL MODULE



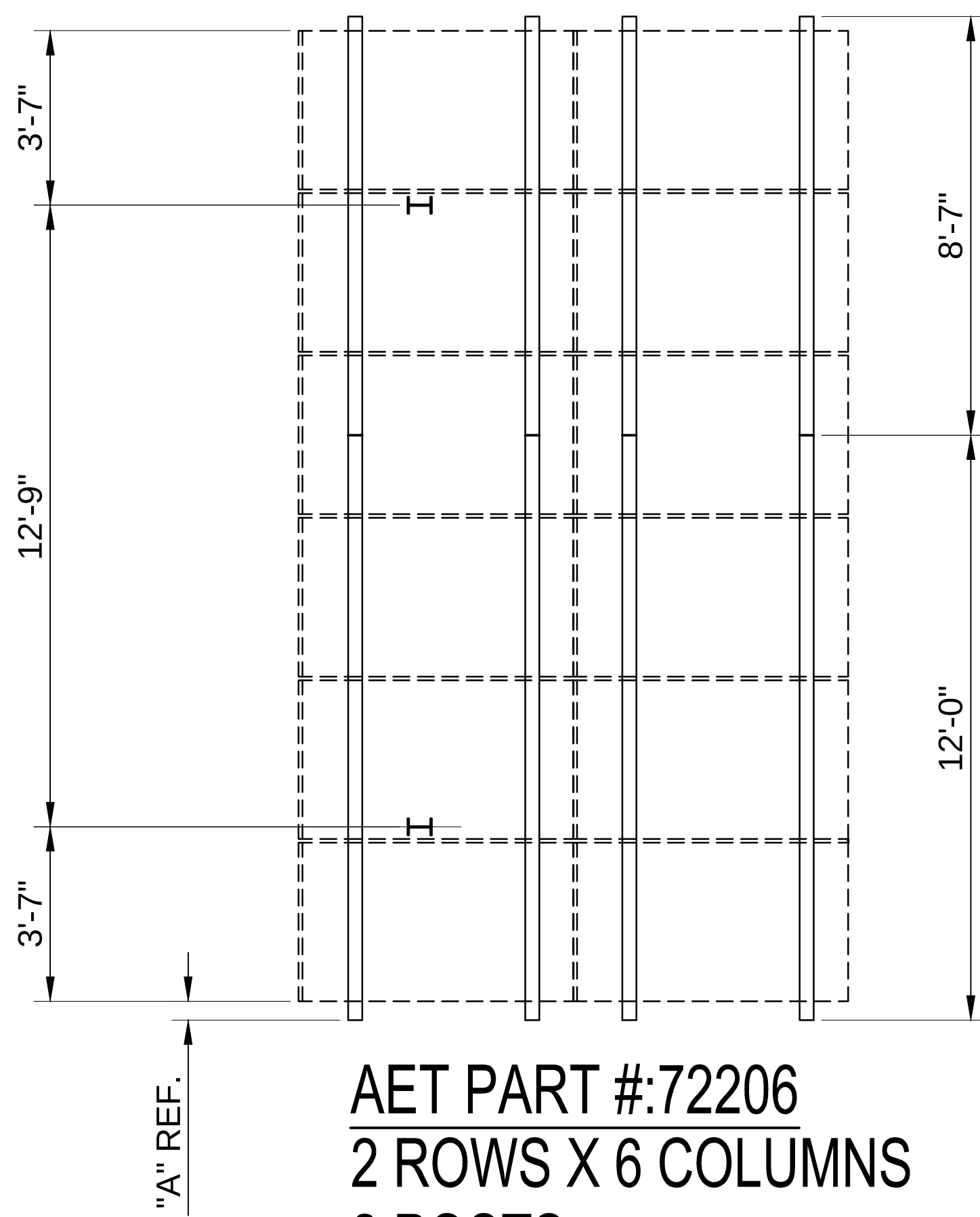
SIDE VIEW - 72 CELL MODULE



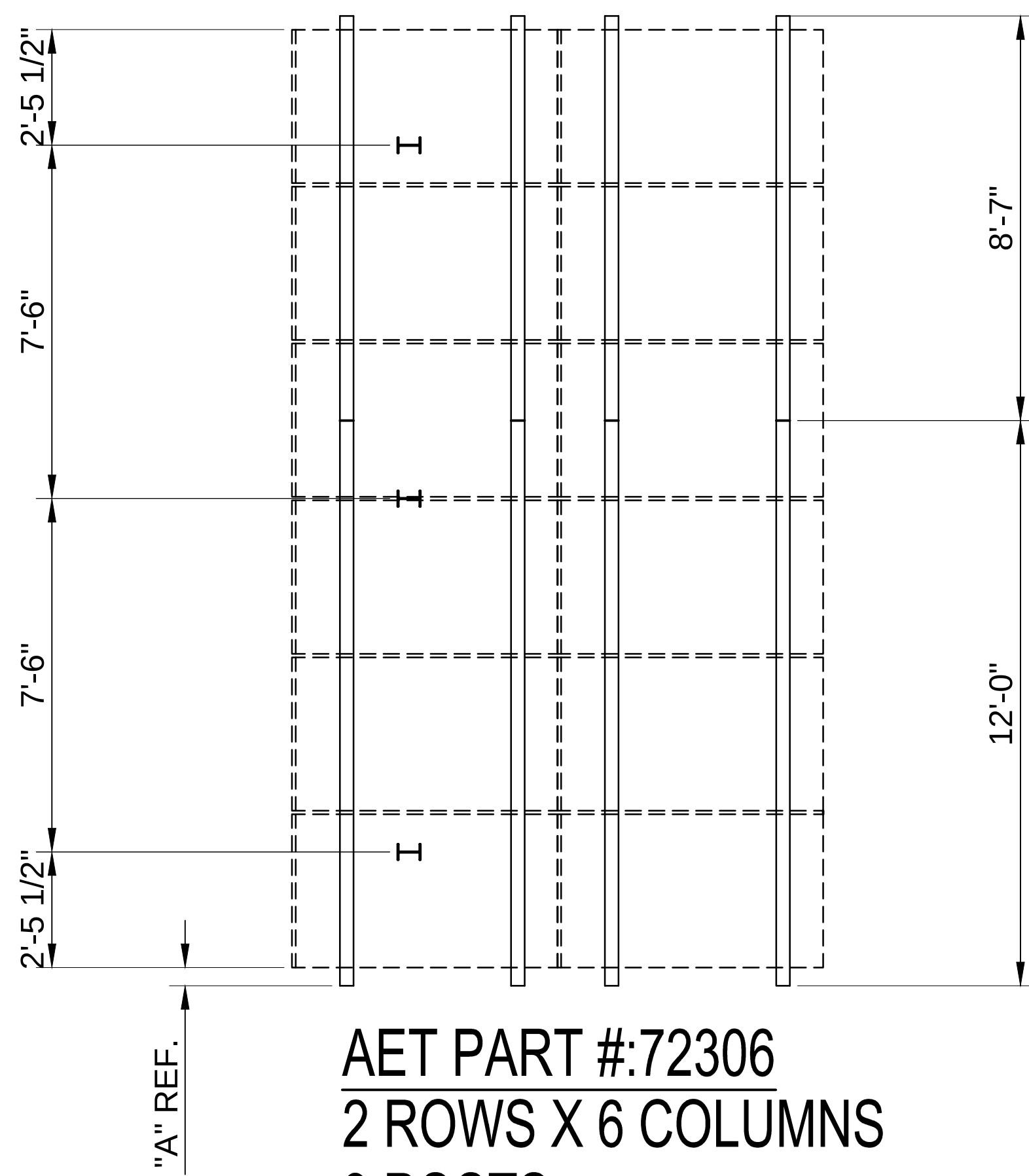
AET PART #:60206
2 ROWS X 6 COLUMNS
2 POSTS
60 CELL MODULE



AET PART #:60306
2 ROWS X 6 COLUMNS
3 POSTS
60 CELL MODULE



AET PART #:72206
2 ROWS X 6 COLUMNS
2 POSTS
72 CELL MODULE



AET PART #:72306
2 ROWS X 6 COLUMNS
3 POSTS
72 CELL MODULE

		GROUND SNOW LOAD (PSF)										
		0	5	10	15	20	25	30	35	40	45	50
ASCE 7-05 WIND SPEED (MPH)	90	2	2	2	2	2	2	2	2	2	3	3
	100	2	2	2	2	2	2	2	3	3	3	3
	110	2	2	2	2	2	3	3	3	3	3	3
	120	3	3	3	3	3	3	3	3	3	3	3

POSTS PER ARRAY - 60 CELL MODULE

		GROUND SNOW LOAD (PSF)										
		0	5	10	15	20	25	30	35	40	45	50
ASCE 7-05 WIND SPEED (MPH)	90	2	2	2	2	2	2	2	3	3	3	3
	100	2	2	2	2	3	3	3	3	3	3	3
	110	3	3	3	3	3	3	3	3	3	3	3
	120	3	3	3	3	3	3	3	3	3	3	3

POSTS PER ARRAY - 72 CELL MODULE

PANEL WIDTH (mm)	"A" (in.)
982	5.50
986	5.00
990	4.50
991	4.25
992	4.25
993	4.00
994	4.00
999	3.25
1000	3.25
1001	3.25

DIMENSION "A"

BILL OF MATERIAL					
AET PART NO.	DESCRIPTION	72206	72306	60206	60306
-	SOLAR MODULE (NOT INCLUDED)	12	12	12	12
-	GND MNT SYSTEM 2x6 ARRAY (12 MODULES)	1	1	1	1
81009-80	Z-PURLIN - 80" OR 6'-8" LONG	X	X	X	X
81009-103	Z-PURLIN - 103" OR 8'-7" LONG	4	4	4	4
81009-120	Z-PURLIN - 120" OR 10'-0" LONG	X	X	X	X
81009-132	Z-PURLIN - 132" OR 11'-0" LONG	X	X	X	X
81009-144	Z-PURLIN - 144" OR 12'-0" LONG	4	4	4	4
81069	POST - W6 X 7 10'-6" LONG	2	3	2	3
81039	PLATE - POST TO Z-STRUT CONNECTOR	2	3	2	3
81072-144	Z-STRUT - 12' LONG FOR 72 CELL MODULE	2	3	X	X
81072-120	Z-STRUT - 10' LONG FOR 60 CELL MODULE	X	X	2	3
81080	PURLIN SPLICE - C CHANNEL 1/4IN HOLES	4	4	4	4
81081	PURLIN SPLICE - C CHANNEL 5/16IN HOLES	4	4	4	4
81011	L-BRACKET - POST TO STRUT BRACE	2	3	2	3
81013	PURLIN BRACE - 12' LONG	1	2	X	X
81012	PURLIN BRACE - 10' LONG	X	X	1	2
80685-68.25	STRUT BRACE - 68.25" LONG FOR 72 CELL MODULE	2	3	X	X
80685-57.75	STRUT BRACE - 57.75" LONG FOR 60 CELL MODULE	X	X	2	3
80919	HEX BOLT - 1/2"-13 x 4.5"	4	6	4	6
80918	HEX NUT - 1/2" - 13	14	21	14	21
81026	HEX BOLT 1/2"-13 X 1.25"	4	6	4	6
80921	CARRIAGE BOLTS - 1/2"-13 X 1.25"	6	9	6	9
80687	FLAT HARDENED WASHER - 1/2"	22	33	22	33
81024	FLANGE NUT - 1/4"-20	60	72	60	72
81023	SCREW - 1/4"-20 DRILL POINT	60	72	60	72
81016	MID CLAMP ASM	20	20	20	20
81022	END CLAMP ASM	8	8	8	8

LOCATE PURLIN BRACE MID WAY BETWEEN POSTS TYP.

REVISIONS

SYM	DESCRIPTION	DRAWN	CHECKED	APPROVED	DATE
*	RELEASED FOR PROPOSAL	TJS	RGC	KM	02/27/14

GENERAL NOTES

1.

THIS DRAWING CONTAINS CONFIDENTIAL INFORMATION AND IS ISSUED IN CONFIDENCE ON THE CONDITIONS THAT IT BE RETURNED ON DEMAND AND NOT BE COPIED, REPRODUCED, DISCLOSED TO OTHERS OR USED IN THE MANUFACTURE OF THE SUBJECT-MATTER THEREOF WITHOUT THE CONSENT OF APPLIED ENERGY TECHNOLOGIES.

2.

THIS LAYOUT IS AN APPROXIMATION AND IS INTENDED FOR QUOTING PURPOSES ONLY. ACTUAL SYSTEM SIZE, AND/OR LOCATION OF RACKING MAY VARY. IT IS THE RESPONSIBILITY OF THE INSTALLER TO CONFIRM THAT THE LOCATION OF THE RACKING DOES NOT INTERFERE WITH OR BECOME SHADED BY ANY OBSTRUCTIONS. AET ASSUMES NO RESPONSIBILITY OF THE RACKING CONFIGURATION.

3.

CONTRACTORS ARE TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD AND REPORT ANY AND ALL DISCREPANCIES TO AET PRIOR TO CONSTRUCTION / INSTALLATION.

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ENGINEER SEAL:

NOTE:
PROVIDED ENGINEERING DOCUMENTS AND/OR ENGINEER SEAL ABOVE ARE FOR THE CERTIFICATION OF THE RACKING SYSTEM AND ITS RESISTANCE TO WIND LOADS. THIS IS NOT A CERTIFICATION OF THE STRUCTURAL CAPACITY OF THE BUILDING TO TAKE THE BALLASTED LOAD PLUS EQUIPMENT WEIGHT.

CUSTOMER:

PROJECT NAME:

PROJECT LOCATION:

MODULE:

OUTPUT:
SYSTEM:

RACKING:
AET RAYPORT G ECO

DO NOT SCALE DRAWING
REPORT ALL DISCREPANCIES

DRAWN: TJS
CHECKED: RGC
APPROVED: J.EK
DATE: 02/18/14

DRAWING DESCRIPTION:
2 ROWS X 6 COLUMNS
ARRAY

SHEET NUMBER:
1 of 1

DRAWING NUMBER: REVISION: