Series 200



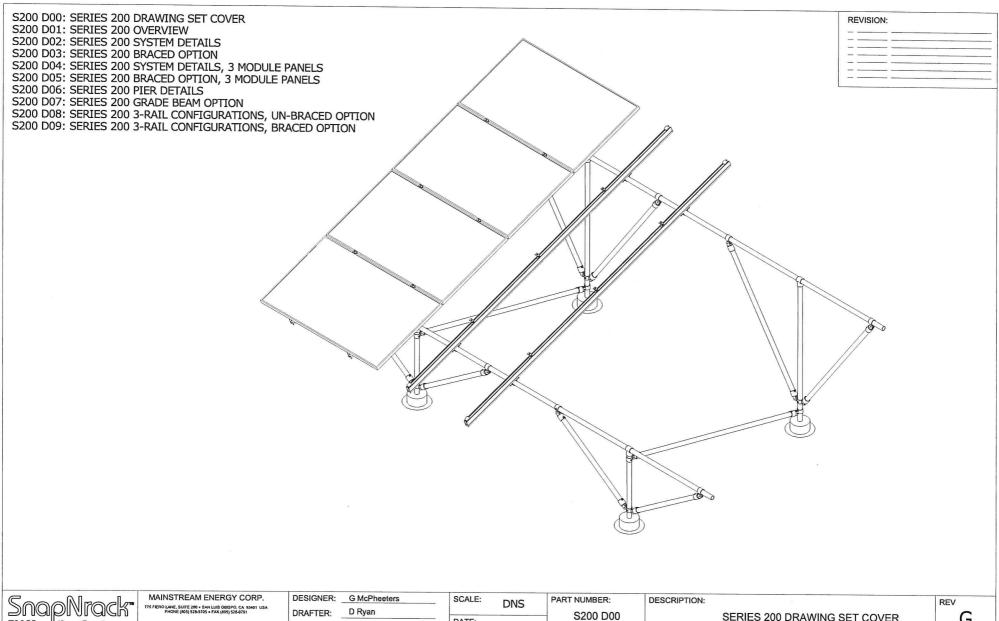
Configuration Tables for Ground Mount System 31 to 40 psf Snow Loads (3 Module Panels)

							130 mph Wi	nd Load 3	1-40 psf 5	Snow						
Tilt Angle θ	Standard Installation										Number of Rails Required Per Panel					
	Max (PS)		12" Dia Pier		Required Braces			Max (PS)		12" Dia Pier		Required Braces			Module Size	
	Sch 40	Sch 80	Short	Tall	Α	С	D	Sch 40	Sch 80	Short	Tall	Α	E	F	40" x 66"	40" x 78"
θ = 0	79	90	30	30	No	Every 3rd Bay	No	180	180	39	39	Yes	Yes	Yes	2	2
0 > θ < 7.5	74	85	30	30	Yes	Every 3rd Bay	No	180	180	39	39	Yes	Yes	Yes	2	2
7.5 > 0 < 15	75	86	30	36	Yes	Every 3rd Bay	No	180	180	39	49	Yes	Yes	Yes	2	2
15 > θ < 22.5	77	87	30	42	Yes	Every 3rd Bay	Every 3rd Bay	180	180	30	58	Yes	Yes	Yes	2	2
22.5 > θ < 30	77	88	30	46	Yes	Every 3rd Bay	Every 3rd Bay	170	180	30	62	Yes	Yes	Yes	2	2
30 > θ < 37.5	82	94	30	50	Yes	Every 3rd Bay	Every 3rd Bay	159	180	30	64	Yes	Yes	Yes	2	2
37.5 > θ < 45	86	98	30	53	Yes	Every 3rd Bay	Every 3rd Bay	150	171	30	64	Yes	Yes	Yes	2	2

							140 mph Wi	nd Load 3	1-40 psf S	now						
Tilt Angle θ	Standard Installation										Number of Rails Required Per Panel					
	Max (PS)		12" Dia Pier		Required Braces			Max (PS)		12" Dia Pier		Required Braces			Module Size	
	Sch 40	Sch 80	Short	Tall	Α	С	D	Sch 40	Sch 80	Short	Tall	Α	Е	F	40" x 66"	40" x 78"
θ = 0	77	88	30	30	No	Every 3rd Bay	No	180	180	41	41	Yes	Yes	Yes	2	2
0 > θ < 7.5	72	82	30	30	Yes	Every 3rd Bay	No	180	180	41	41	Yes	Yes	Yes	2	2
7.5 > θ < 15	73	83	30	37	Yes	Every 3rd Bay	No	180	180	30	52	Yes	Yes	Yes	2	2
15 > θ < 22.5	74	84	30	44	Yes	Every 3rd Bay	Every 3rd Bay	180	180	30	62	Yes	Yes	Yes	2	2
22.5 > θ < 30	73	83	30	48	Yes	Every 3rd Bay	Every 3rd Bay	158	180	30	64	Yes	Yes	Yes	2	2
30 > θ < 37.5	78	89	30	51	Yes	Every 3rd Bay	Every 3rd Bay	148	168	30	66	Yes	Yes	Yes	2	2
37.5 > θ < 45	80	91	30	54	Yes	Every 3rd Bay	Every 3rd Bay	139	158	30	69	Yes	Yes	Yes	2	2

							150 mph Wi	nd Load 3	1-40 psf 5	now			-			
Tilt Angle θ	Standard Installation										Number of Rails Required Per Panel					
	Max (PS)		12" Dia Pier		Required Braces			Max (PS)		12" Dia Pier		Required Braces			Module Size	
	Sch 40	Sch 80	Short	Tall	Α	С	D	Sch 40	Sch 80	Short	Tall	Α	Е	F	40" x 66"	40" x 78"
θ = 0	76	86	30	30	No	Every 3rd Bay	No	180	180	44	44	Yes	Yes	Yes	2	2
0 > θ < 7.5	70	80	30	31	Yes	Every 3rd Bay	No	180	180	44	44	Yes	Yes	Yes	2	2
7.5 > θ < 15	71	80	30	39	Yes	Every 3rd Bay	No	180	180	30	56	Yes	Yes	Yes	2	2
15 > θ < 22.5	70	80	30	46	Yes	Every 3rd Bay	Every 3rd Bay	179	180	30	65	Yes	Yes	Yes	2	2
22.5 > θ < 30	69	79	30	50	Yes	Every 3rd Bay	Every 3rd Bay	147	168	30	66	Yes	Yes	Yes	2	2
30 > θ < 37.5	73	84	30	53	Yes	Every 3rd Bay	Every 3rd Bay	138	157	30	68	Yes	Yes	Yes	2	2
37.5 > θ < 45	75	85	30	56	Yes	Every 3rd Bay	Every 3rd Bay	130	148	30	71	Yes	Yes	Yes	2	2

HEIGHT OF SOLAR ARRAY APPEARS TO BE OVER 7'-0" - DRAWINGS STAMPED BY A COLORADO LICENSED DESIGN PROFESSIONAL REQUIRED FOR STRUCTURE AND FQUNDATION 96

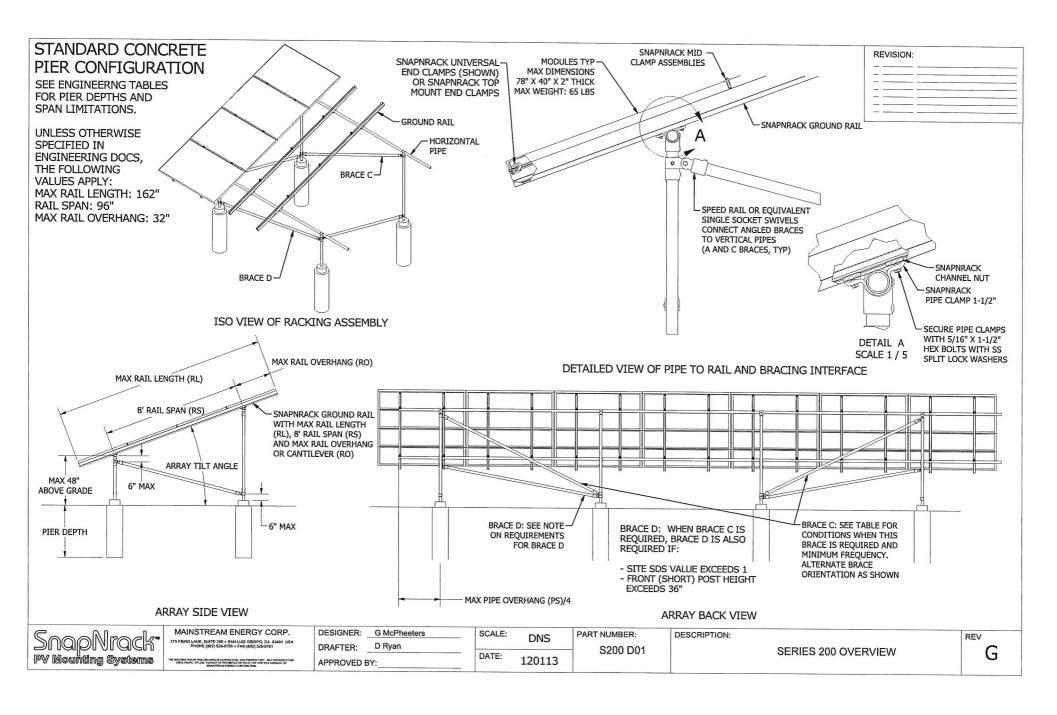


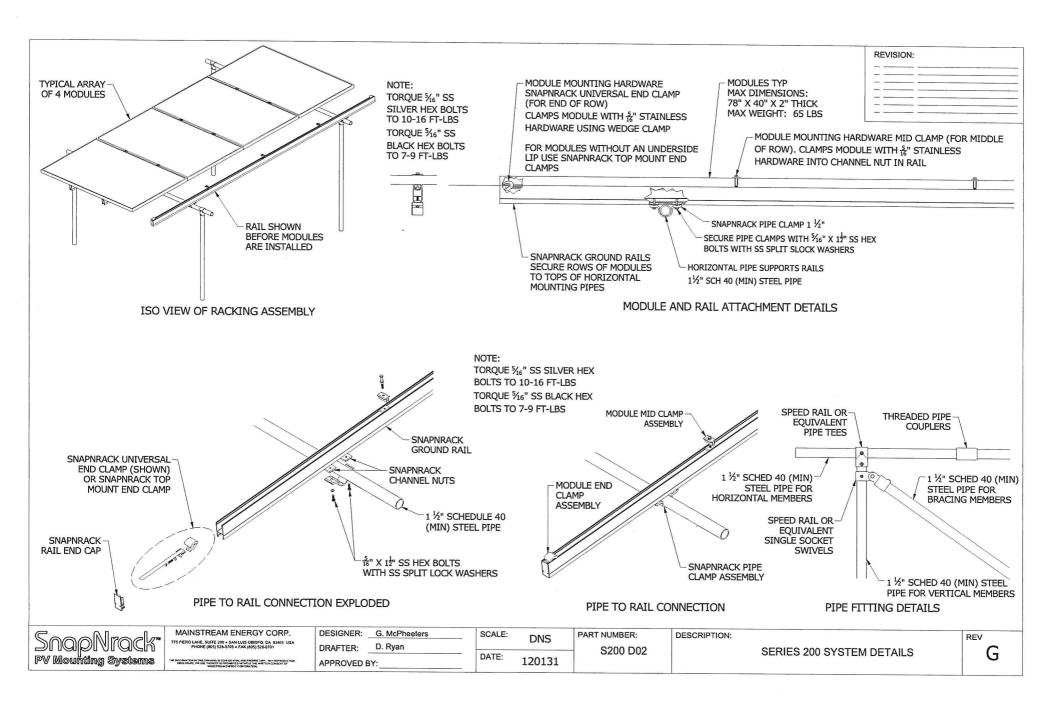
D Ryan DRAFTER: APPROVED BY:

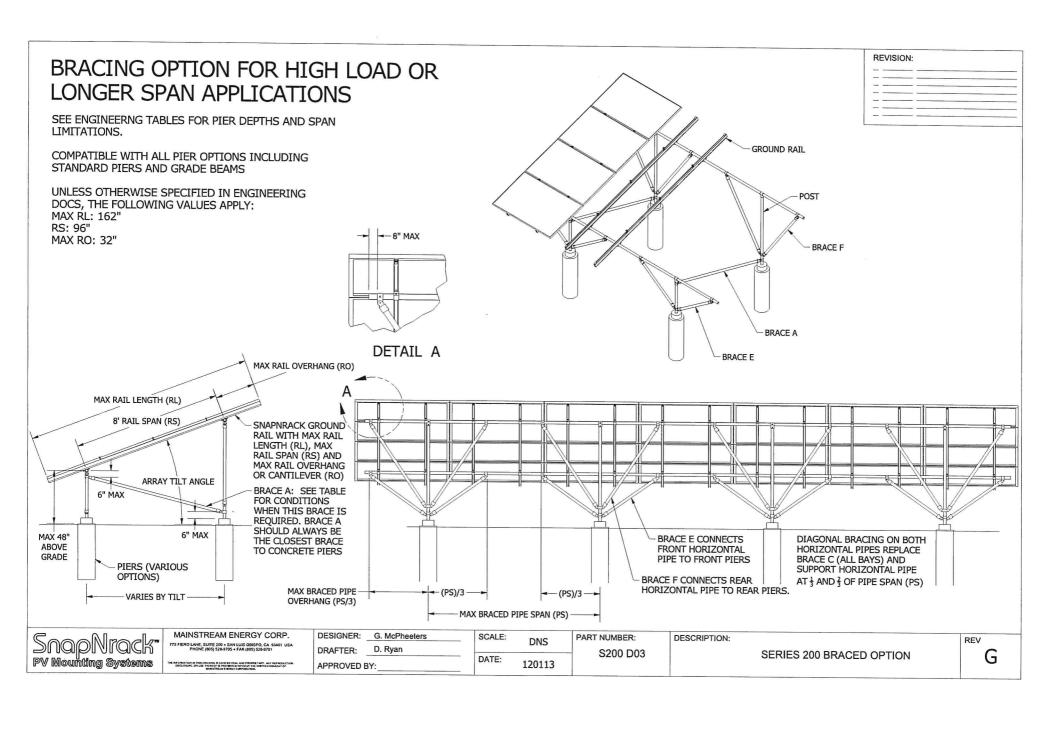
DATE: 120113

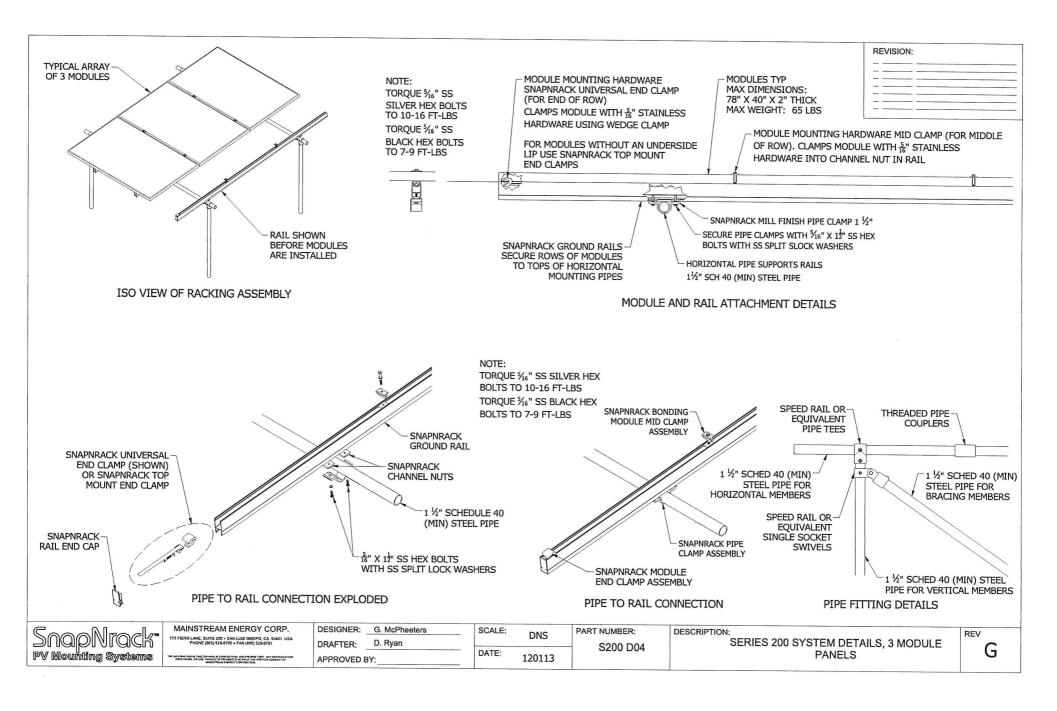
SERIES 200 DRAWING SET COVER

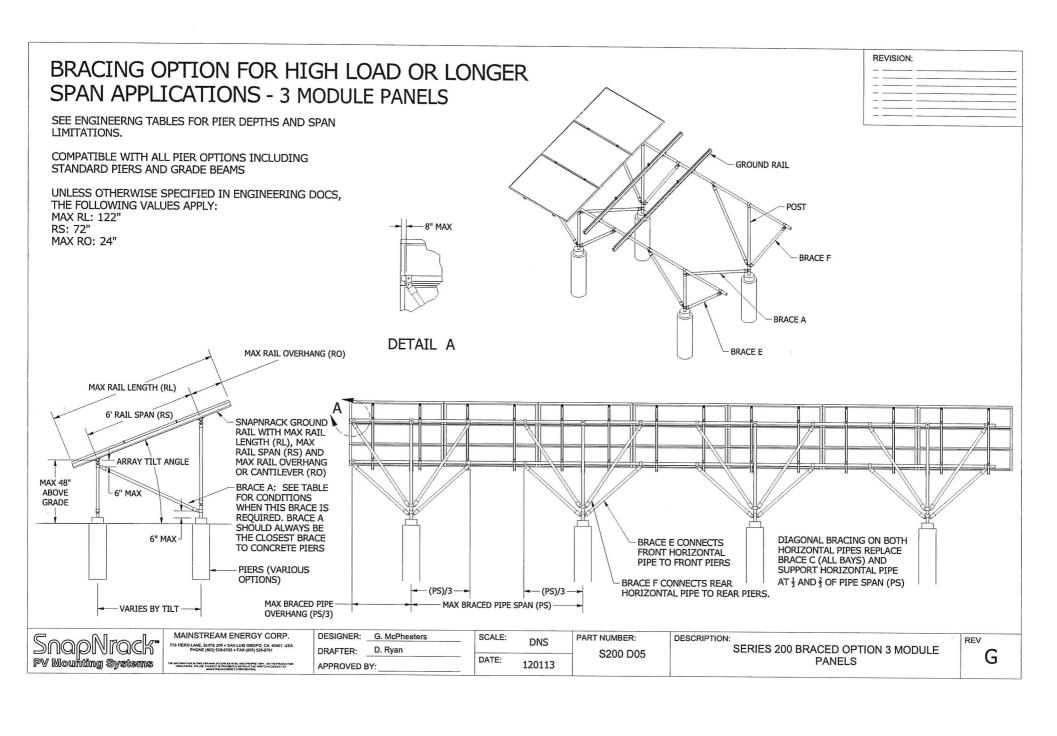
G

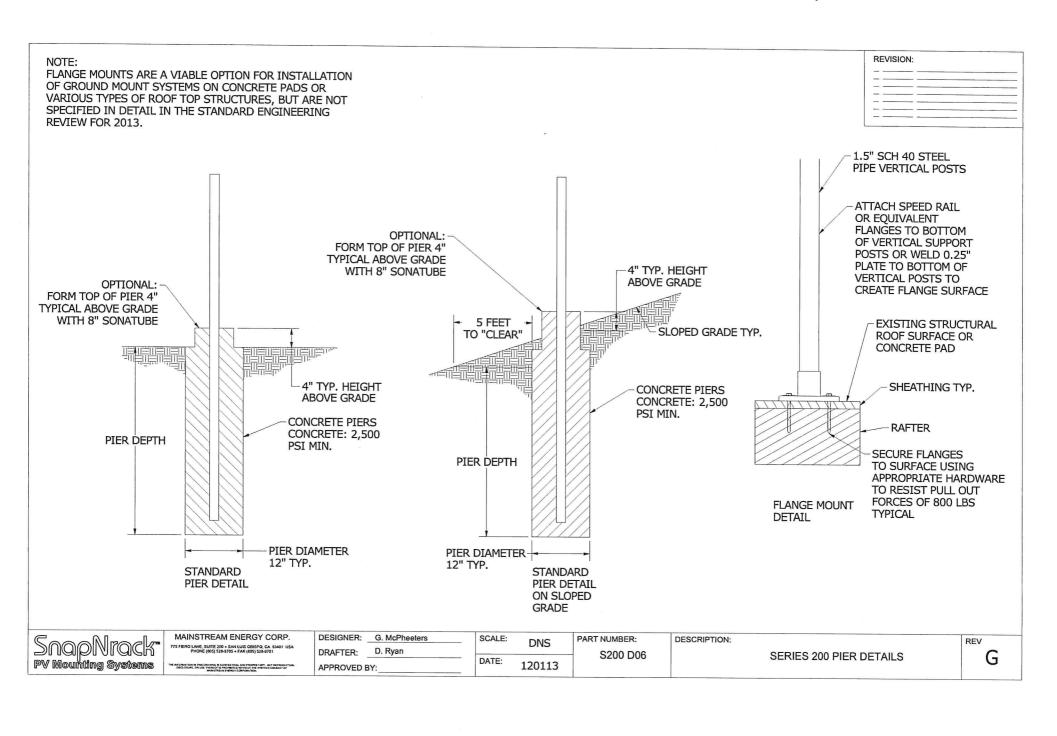


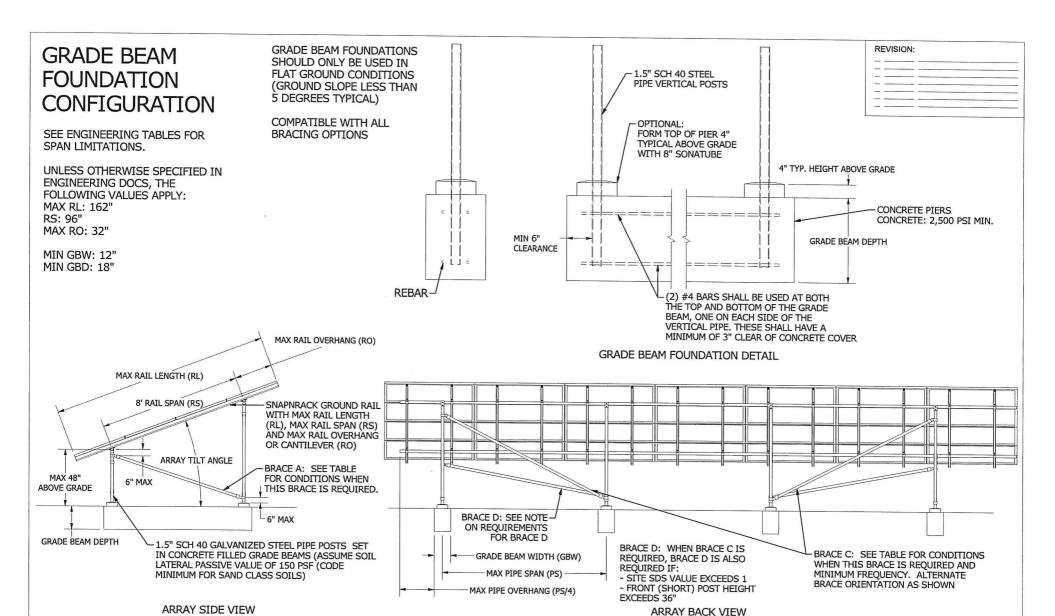












SCALE:

DATE:

DNS

120113

SnapNrack*
PV Mounting Systems

MAINSTREAM ENERGY CORP.

775 FERO LANE, SUITE 200 + SAN LUIS OBISPO, CA. SANDI USA
PHONE (805) 528-9705 + FAX (805) 528-9701

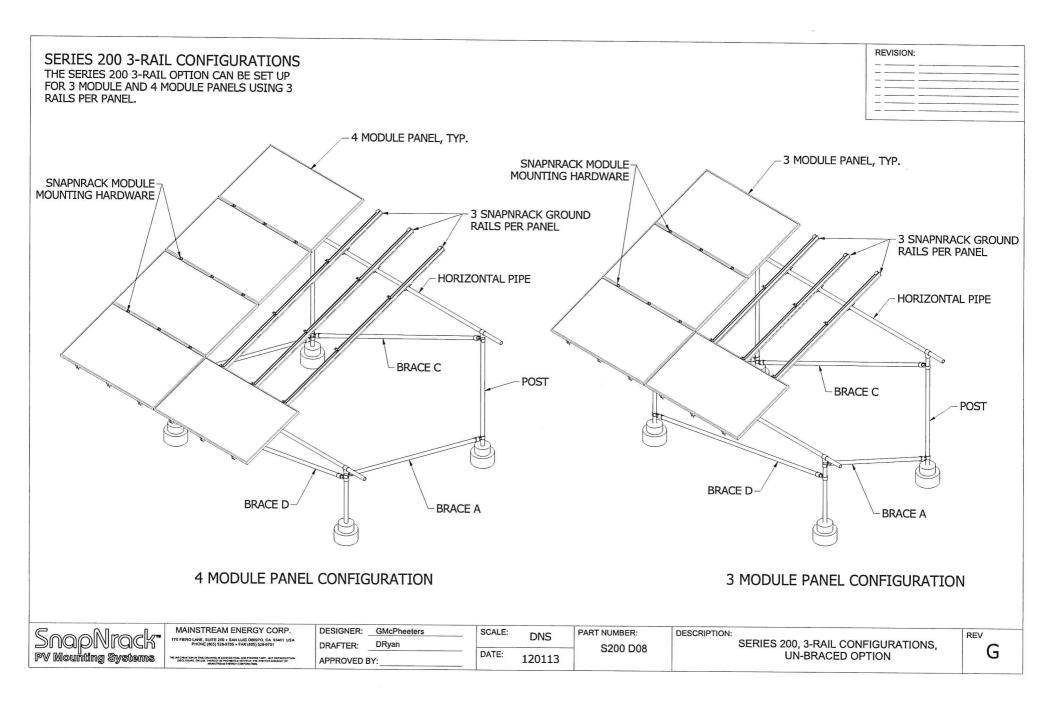
116 AND COMMITTED IN THE SOMEROR IS ONE SCHILL, NOT PRIMED LIVE. AND THE SAND AND THE SOMEROR IS ONE SCHILL AND PRIMED LIVE. AND THE SAND A

DESIGNER: G McPheeters
DRAFTER: D Ryan
APPROVED BY:

PART NUMBER: S200 D07 DESCRIPTION:

SERIES 200 GRADE BEAM OPTION

G



SERIES 200 3-RAIL CONFIGURATIONS REVISION: THE SERIES 200 3-RAIL OPTION CAN BE SET UP FOR 3 MODULE AND 4 MODULE PANELS USING 3 RAILS PER PANEL. SNAPNRACK MODULE MOUNTING HARDWARE 4 MODULE PANEL, TYP. - 3 MODULE PANEL, TYP. SNAPNRACK MODULE 3 SNAPNRACK GROUND MOUNTING HARDWARE RAILS PER PANEL 3 SNAPNRACK GROUND RAILS PER PANEL HORIZONTAL PIPE HORIZONTAL PIPE **POST POST** BRACE F BRACE F BRACE A BRACE A BRACE E BRACE E 4 MODULE PANEL CONFIGURATION 3 MODULE PANEL CONFIGURATION MAINSTREAM ENERGY CORP. SnapNrack Pv Mounting Systems DESIGNER: **GMcPheeters** SCALE: PART NUMBER: DESCRIPTION: DNS REV 775 FIERO LANE, SUITE 200 - SAN LUIS OBISPO, CA 93401 USA PHONE (605) 528-9705 - FAX (605) 528-9701 SERIES 200, 3-RAIL CONFIGURATIONS, DRyan DRAFTER: S200 D09 G

DATE:

APPROVED BY:

THE INFORMATION IN THIS DRAWING IS CONFIDENTIAL AND PROPRIETARY, ANY REPRODUCTION DISCLOSURE, OR USE THICHEOF IS PROMISTED WITHOUT THE WHITTEN CONSENT OF MAINSTRAM PRIEGRY CONTINUE TO

120113

BRACED OPTION