



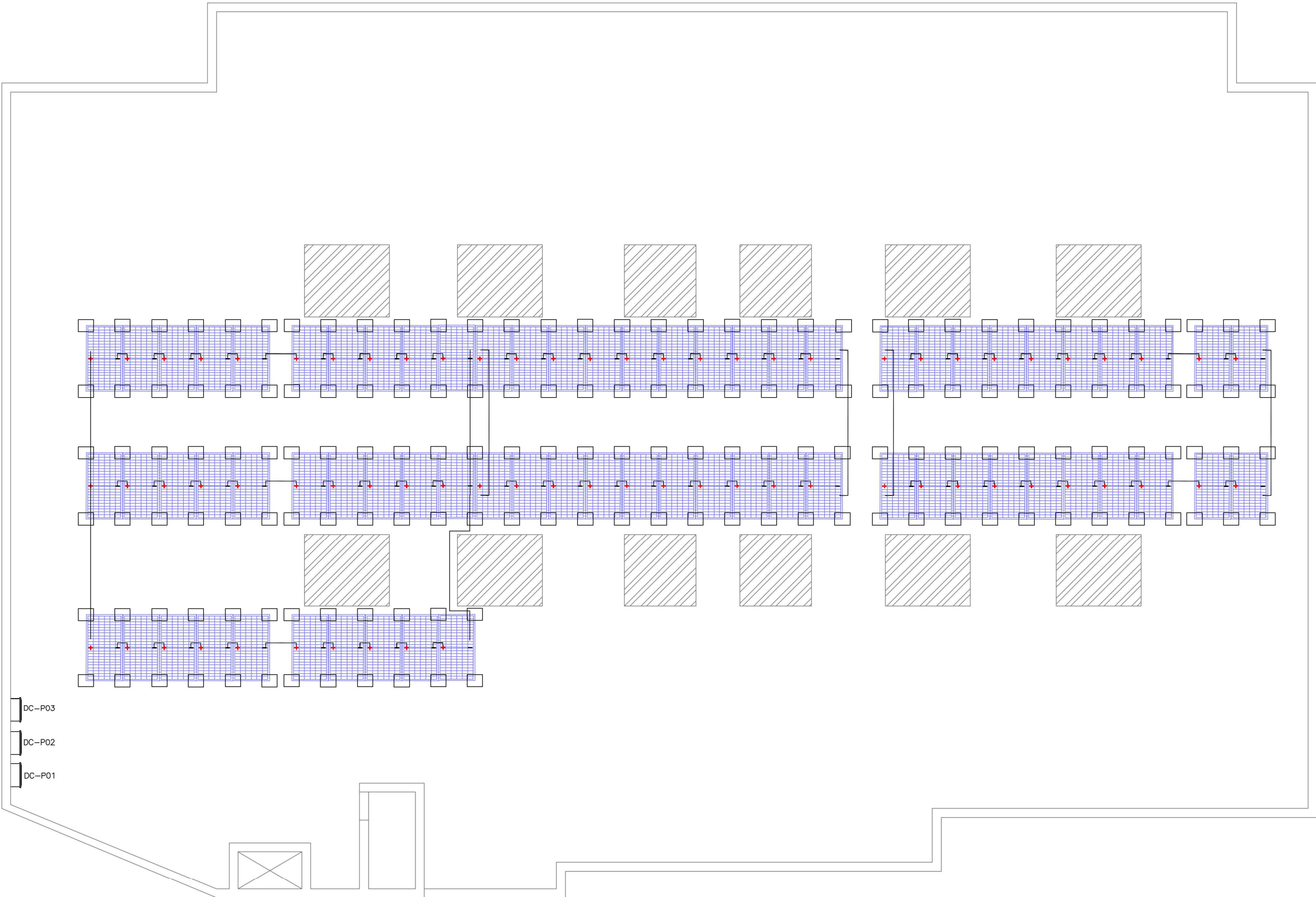
# VALLEY PREMIER PROPERTIES SOLAR + STORAGE SYSTEM

70 PANELS, 3 INVERTERS, 12 BATTERIES ON A 3 PHASE 120/208 SYSTEM.



COMPANY NAME Valley Premier Properties Solar + Storage	
CLIENT NAME CHAD ROWAN	
SITE LOCATION 900 Olive Ave, Merced CA 95348	
ENGINEER'S STAMP  6/9/2026	
DRAWING ISSUE 06/09/26	
DOCUMENT TITLE TITLE PAGE	
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**Notes**  
1- all dimension in inch  
2- Each Stringing contain 10 modules  
3- all conduit stand on conduit  
arrangement each 60 inch



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DOCUMENT TITLE  
PV PLANT ROOF SUPPORTS  
Valley Premier Properties  
Solar + Storage

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The Simple Solar Racking Solution™



The FastRack 510-6™

The simple solar racking solution for Flat Roof and Ground Mount PV installations.

- 5°, 6°, 10° mounting solution
  - Simple, modular, one piece design
  - Universal design compatible with all framed modules
  - Fully ballasted, heat welded, anchored and hybrid options
  - Roof friendly with round edges and low point loads
  - One size bolt with all top down connections
- Injection molded UV rated Nylon6
  - PE stamp engineering and ballast layout services available
  - UL 2703 Class "A" Type 1, 2, 3,29 Modules
  - UL 3741 - PV Hazard Control
  - 100% Recyclable
  - Made in the U.S.A.

1 Position FastRacks



2 Add Ballast and Clamps



3 Attach Modules



The Simple Solar Racking Solution™

Tilt Angle	5°	6°	10°
Row Spacing	10" (254mm)	8" (203mm)	13" (330mm)
Leading Edge	8" (203mm)	8" (203mm)	5.3" (135mm)
Compatible Modules	Rated up to 46" (1168.4mm) in Width		
Weight		4.5lbs (2kg)	
Ballast Requirements	4" x 8" x 16" Roof Paver (31.5l lbs each) based on ASTM Designation C1491-D1a.		
Material	Injection Molded UV rated Nylon 6		
Module Orientation		Landscape	
Wind Load Criteria	Meets ASCE 7-16 up to 165 MPH		
UL Certification	UL 1703: Class 'A' Type 1,2,3,29Modules, UL2703,UL3741		
Warranty	25 Year Limited Warranty		
Dimensions	(LxWxH) 24.25 x 29 x 14" 616 x 737 x 356mm		
Disassembly	Simple disassembly and 100% recyclable content		
Patent	Utility Patent #9,831,817 Design Patent #D800,055		

Bolt Location

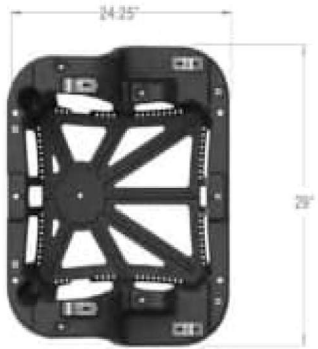


5° (10" Inter-row) 6° (8" Inter-row) 10° (13" Inter-row)

Slide-on Bonding Jumper



Optimizer Mount



4 x 8 x 16" Ballast

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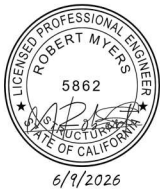
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ENGINEER'S STAMP



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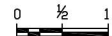
PV Structural Mounting System  
Details 01/02

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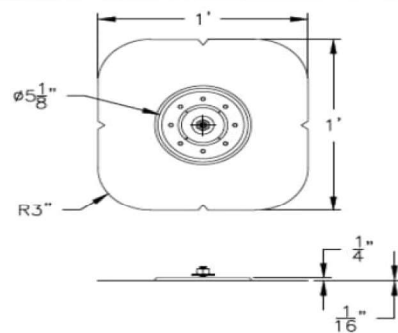
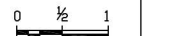


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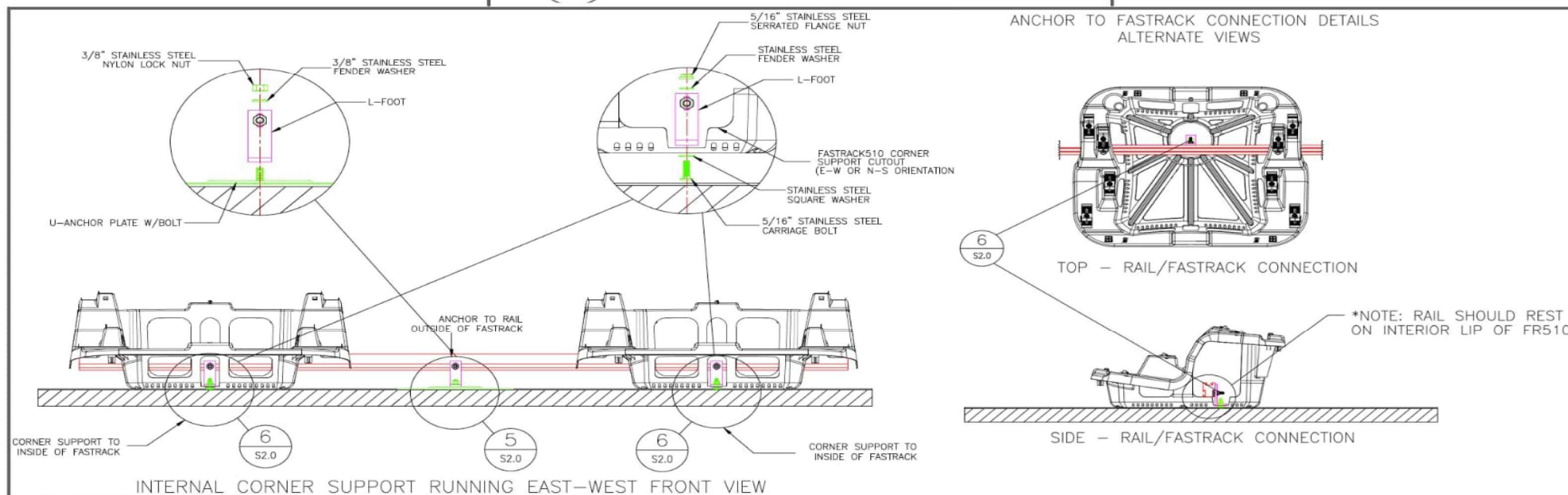
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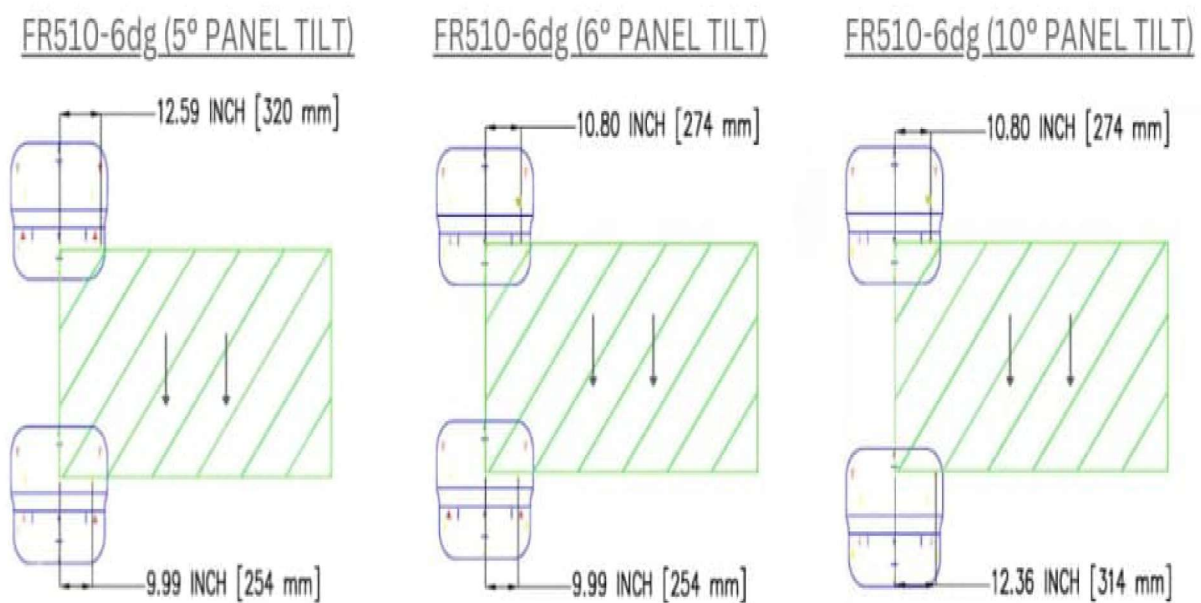
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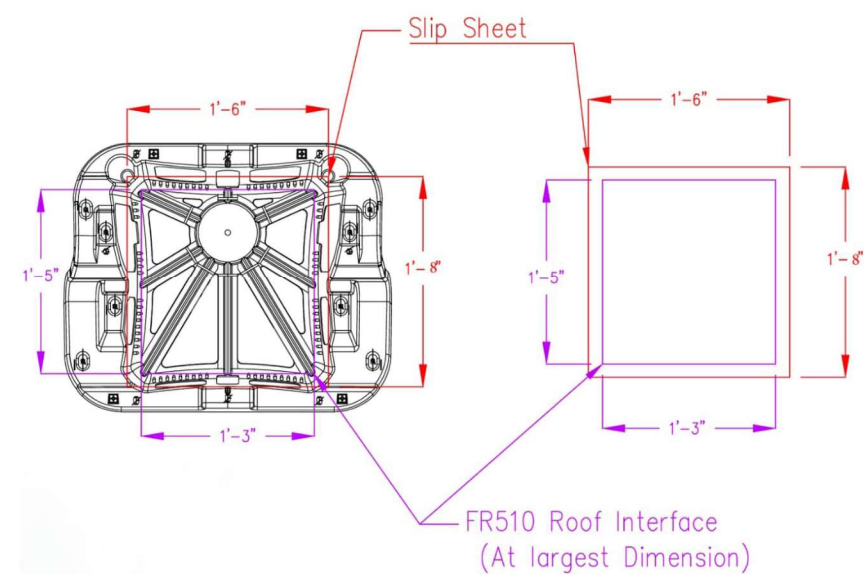
8 MECHANICAL ANCHOR DETAIL  
S2.0 SCALE: 1'-1/2" = 1'-0"



## Mechanical Anchors / Rail Details



## Clamping locations



## Slip Sheet Dimensions

Represents an  
interior Panel