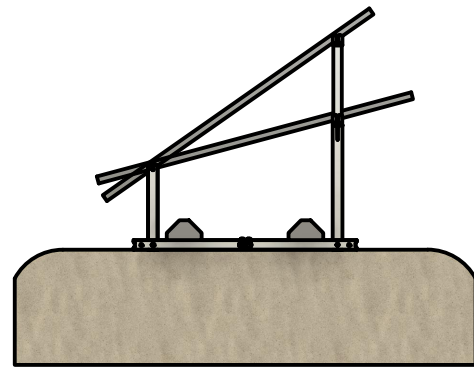


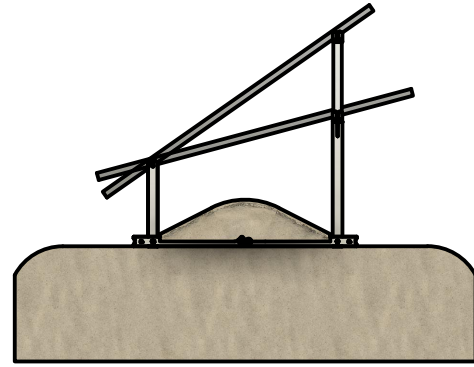


Height off the ground and space between frames will vary based on module size and adjustment angle.  
(Solar module size represented is 44.7"x67.8")



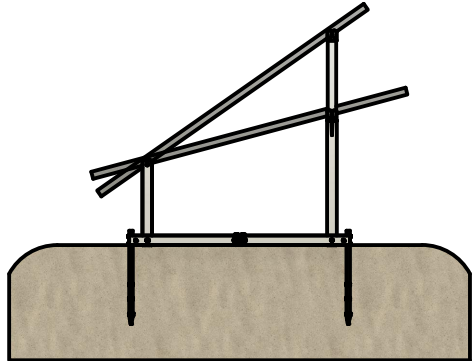
**Base Frame Ballasted:**

Two 175lb curb stop ballasts per solar module.  
350lbs minimum per solar module for 65-75 mph windspeed at 35 degree angle.  
(No stakes required)



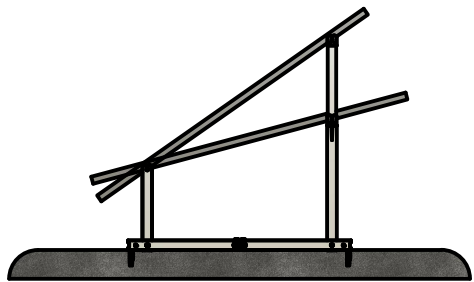
**IR EarthBallast™ System:**

15in fill to top of mound. 700lbs minimum per solar module.  
(Stakes not required, but recommended)



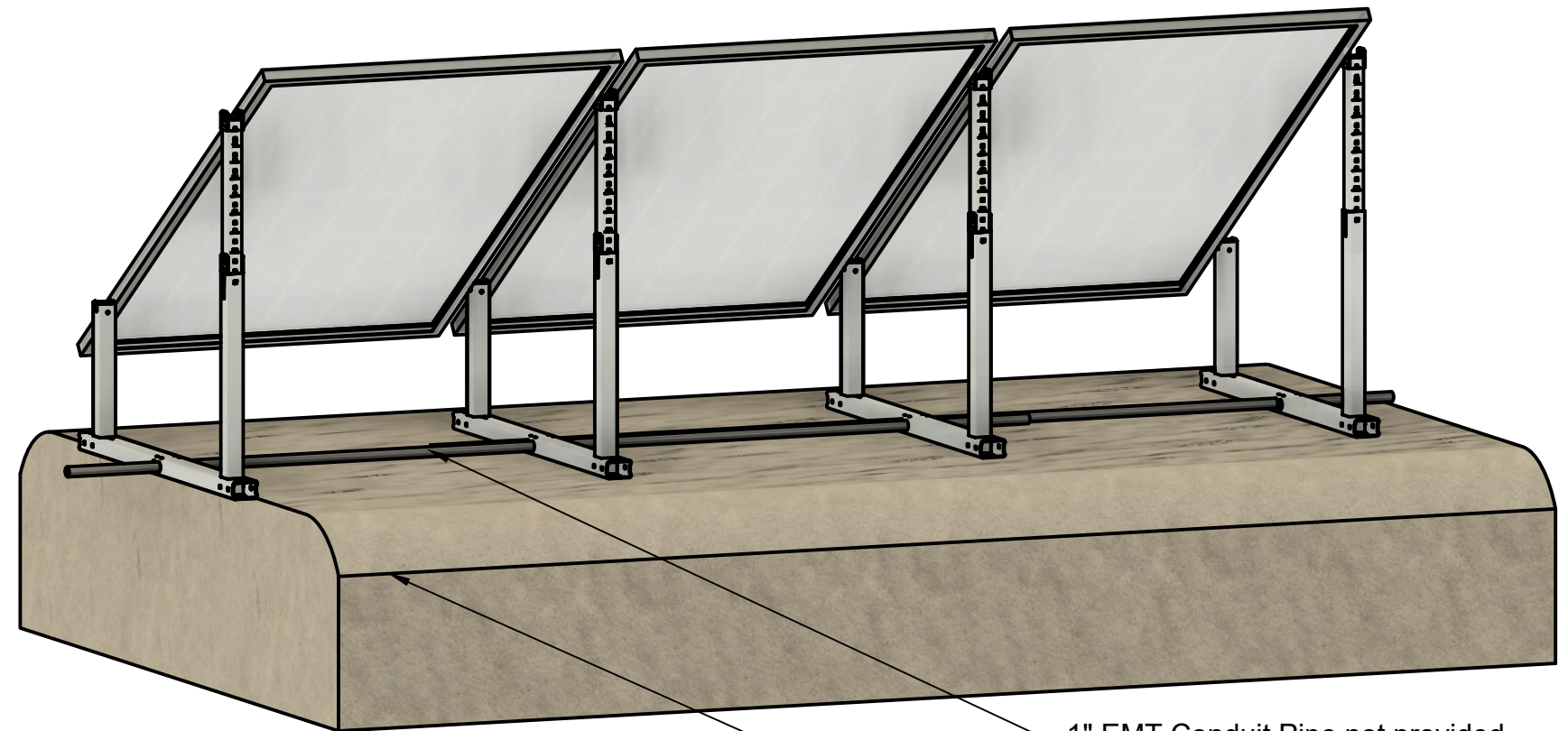
**IR AnchorSpike™ System:**

Two AnchorSpikes per frame section  
Medium/high density compacted soil required.  
(400lb minimum uplift test per AnchorSpike.  
Not compatible in regions with frost depths over 12 inches.)



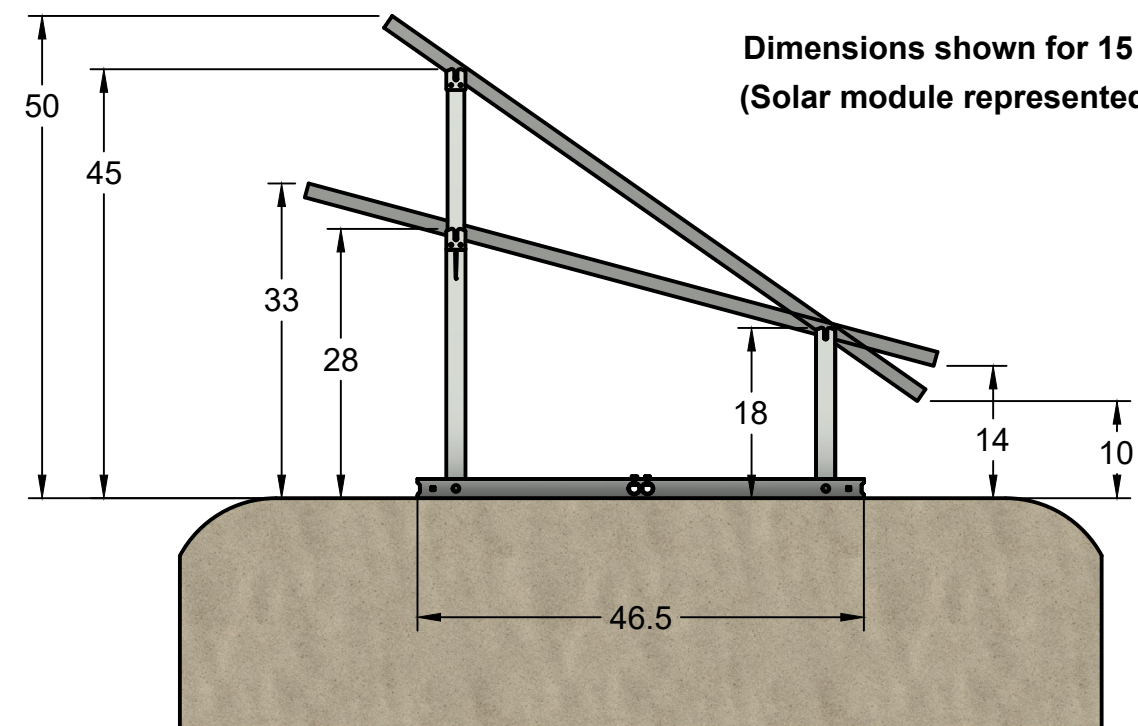
**Base Frame Bolted:**

Bolted to concrete footing, concrete ballast pad, or steel beam.  
(1000lbs minimum hold down per frame section)



1" EMT Conduit Pipe not provided

6 inch compacted road base fill material recommended for elevated solar array base.



\*Images shown at 15 and 35 degrees positions



PROJECT  
**IntegraRack**

TITLE  
**IR-35A Solar Racking System Data Sheet**

IR-35AF1000

APPROVED	SIZE	CODE	DWG NO	REV
CHECKED	B			
DRAWN Jeff Glauser 4/30/2024	SCALE 1:20	WEIGHT 10lbs per frame section	SHEET 1/2	



<b>Maximum Snow Load for All Angles</b>	
Module size up to 24 sqft	Module size up to 36 sqft
100 psf	65 psf

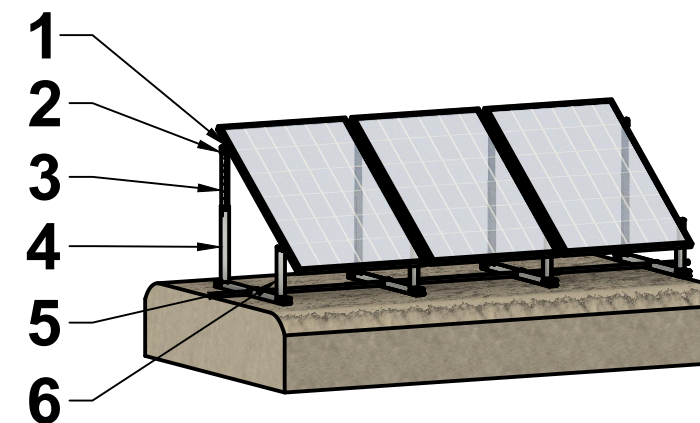
<b>15 Degree Angle</b>		
<b>Maximum Wind Speed</b>		
	Module size up to 24 sqft	Module size up to 36 sqft
Base Frame Ballasted	100 mph	85 mph
IR EarthBallast™	165 mph	130 mph
IR AnchorSpike™	165 mph	130 mph
Base Frame Bolted	200 mph	165 mph

<b>20 Degree Angle</b>		
<b>Maximum Wind Speed</b>		
	Module size up to 24 sqft	Module size up to 36 sqft
Base Frame Ballasted	90 mph	80 mph
IR EarthBallast™	150 mph	120 mph
IR AnchorSpike™	150 mph	120 mph
Base Frame Bolted	180 mph	150 mph

<b>25 Degree Angle</b>		
<b>Maximum Wind Speed</b>		
	Module size up to 24 sqft	Module size up to 36 sqft
Base Frame Ballasted	85 mph	75 mph
IR EarthBallast™	135 mph	110 mph
IR AnchorSpike™	135 mph	110 mph
Base Frame Bolted	165 mph	135 mph

<b>30 Degree Angle</b>		
<b>Maximum Wind Speed</b>		
	Module size up to 24 sqft	Module size up to 36 sqft
Base Frame Ballasted	80 mph	70 mph
IR EarthBallast™	120 mph	100 mph
IR AnchorSpike™	120 mph	100 mph
Base Frame Bolted	150 mph	120 mph

<b>35 Degree Angle</b>		
<b>Maximum Wind Speed</b>		
	Module size up to 24 sqft	Module size up to 36 sqft
Base Frame Ballasted	75 mph	65 mph
IR EarthBallast™	105 mph	90 mph
IR AnchorSpike™	105 mph	90 mph
Base Frame Bolted	135 mph	105 mph



<b>Parts List</b>	
1	IR-F2FC0500
2	IRP-35SP1000-S
3	IRP-35IL1000-T
4	IRP-35OL1000-T
5	IRP-00BT1000-T
6	IRP-00SL1000-T