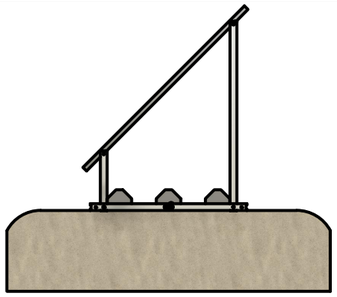
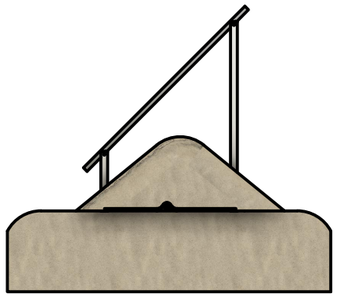
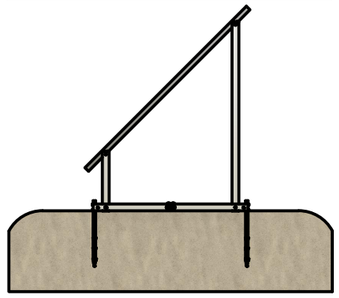


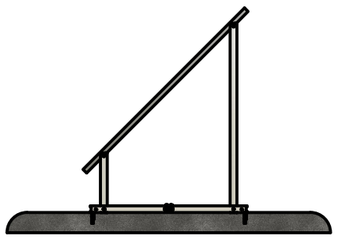
Base Frame Ballasted:
Three 175lbs curb stop ballasts per solar module.
525lbs minimum per solar module for
70-80 mph windspeed. (No stakes required)



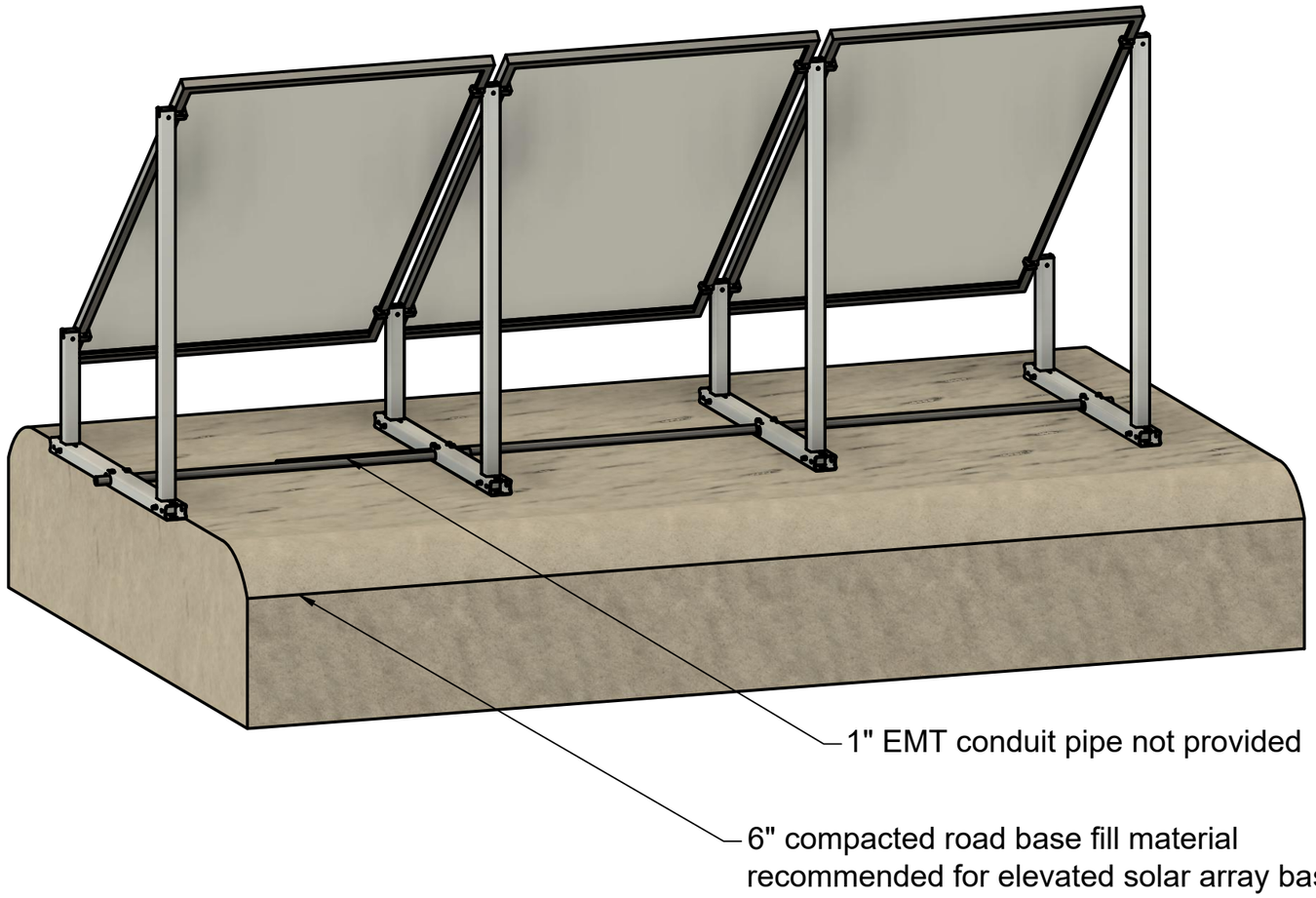
IR EarthBallast™ System:
22in fill to top of mound. 1000lbs
minimum per solar module.
(Stakes not required, but recommended)



IR AnchorSpike™ System:
Two AnchorSpikes per frame section
Medium/high density compacted soil required.
(550lbs minimum uplift test per AnchorSpike)

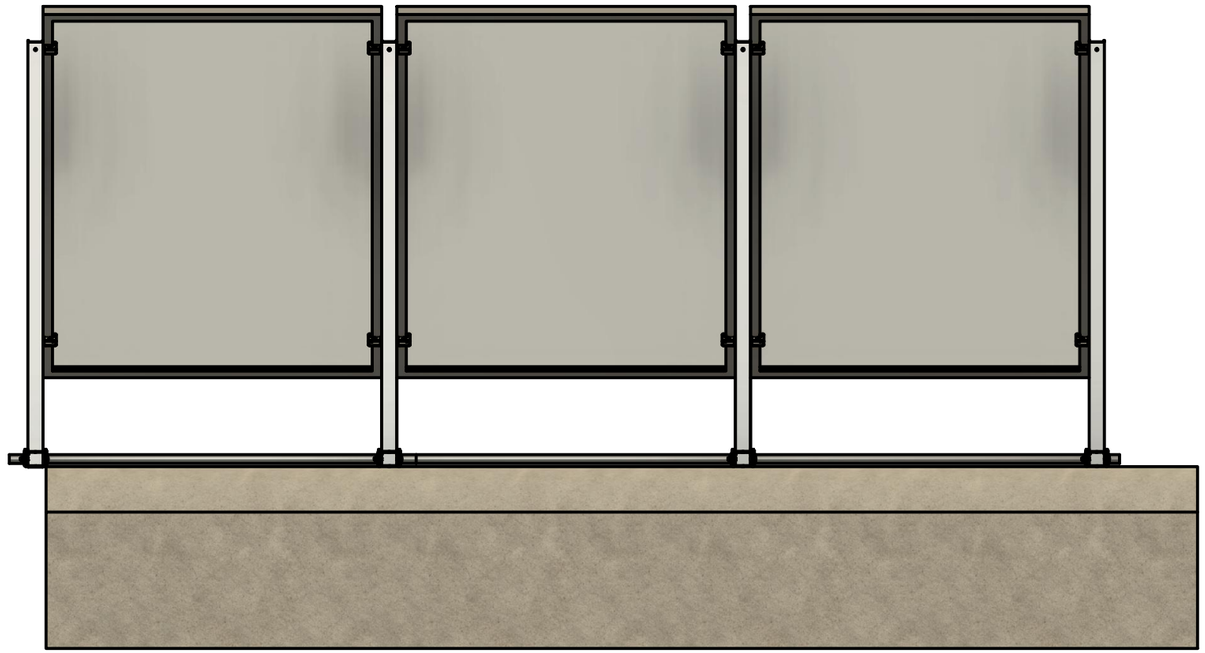


Base Frame Bolted:
Bolted to concrete footing,
concrete ballast pad, or steel beam.
(1100lbs minimum hold down per frame section)



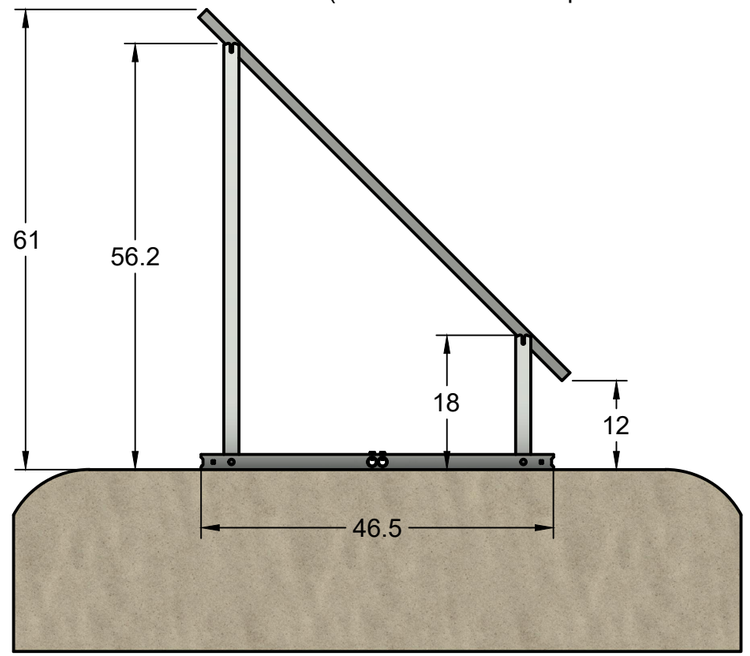
	PROJECT	IntegraRack	
	TITLE	IR-45 Solar Racking System Data Sheet	
		IR-45RF1000	
APPROVED		SIZE B	CODE / DWG NO / REV
CHECKED	Paul Budge 6/4/2024		
DRAWN	Jeff Glauser 6/4/2024	SCALE 1:20	WEIGHT 10.5lbs per frame section / SHEET 1/2

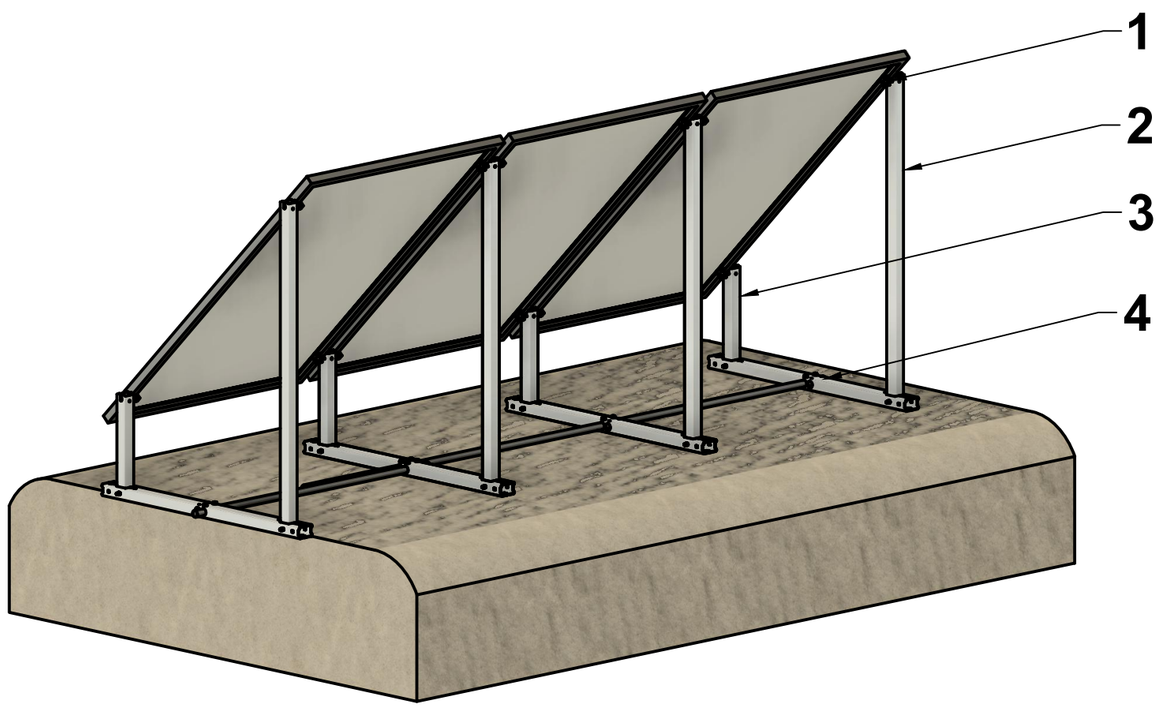
IR-30 Solar Racking System		
	Module size up to 24 sqft	Module size up to 34 sqft
Maximum Snow Load		
	100psf	65psf
Maximum Wind Speed		
Base Frame Ballasted	80mph	70mph
IR EarthBallast™	120mph	100mph
IR AnchorSpike™	120mph	100mph
Base Frame Bolted	120mph	100mph



Height off the ground and space between frames will vary based on module size.

(Solar module size represented is 44.7"x67.8")





Parts List	
1	IR-F2FC0500
2	IRP-45LL1000-T
3	IRP-00SL1000-T
4	IRP-00BT1000-T

PROJECT

IntegraRack

TITLE

IR-45 Solar Racking System Data Sheet

IR-45RF1000

APPROVED			SIZE	CODE	DWG NO	REV
CHECKED	Paul Budge	6/4/2024	B			
DRAWN	Jeff Glauser	6/4/2024	SCALE 1:20	WEIGHT 10.5lbs per frame section	SHEET 2/2	