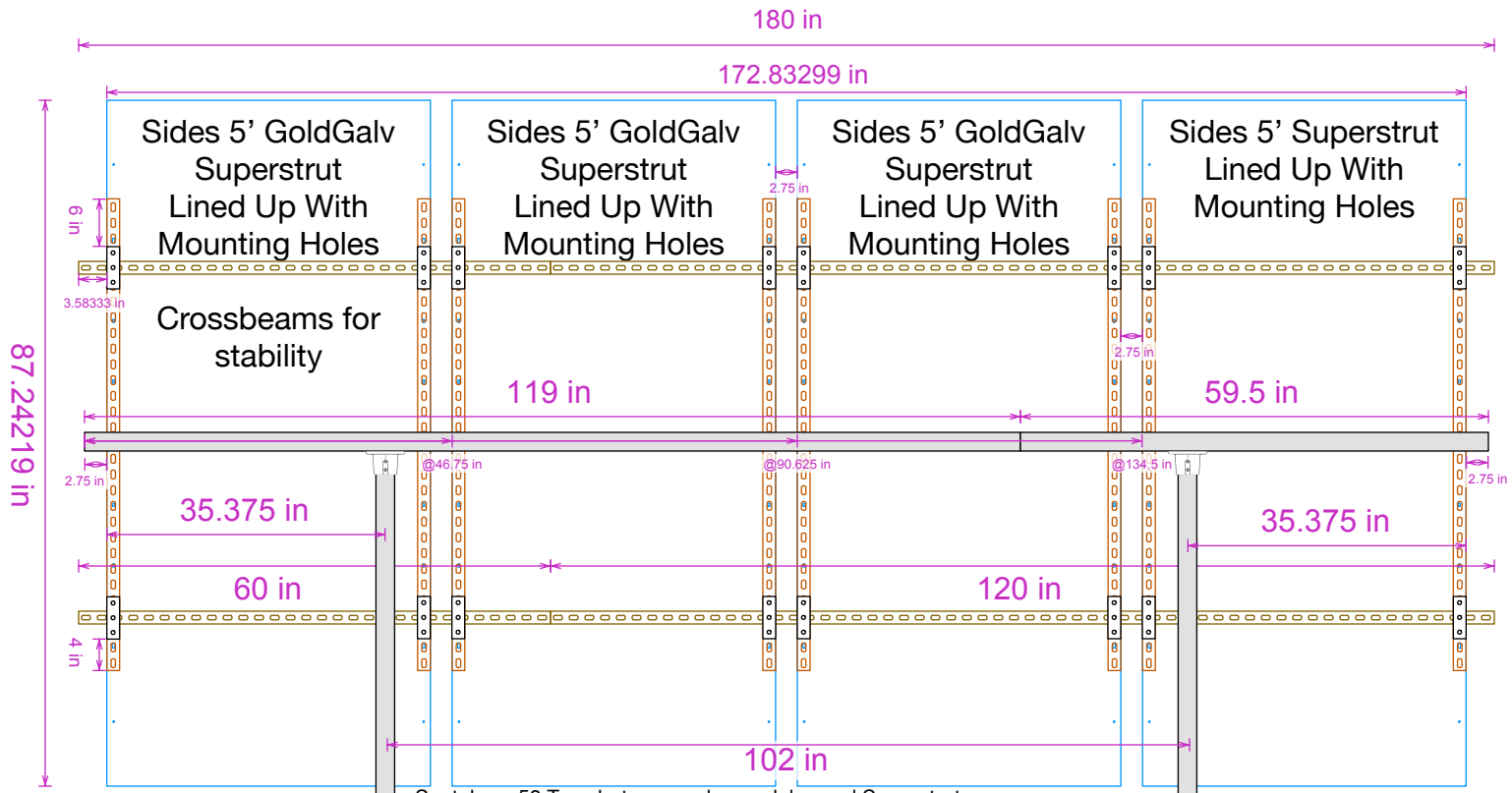
Solar Array Dimensions



2x PE46-Hex8 46" Earth Anchors
3x 5' 2" Rigid Conduit Galvanized (RMC)
1x 10' 2" Rigid Conduit Galvanized
2x Iron Ridge 2" Top Cap

Scotchrap 50 Tape between solar modules and Superstrut.
Superstrut primed and painted to prevent corrosion.
All 18-8 Stainless Hardware (except where noted)
Use anti-galling compound on stainless nylon locknuts as it will bind up easily

Per Solar Module:

4x 5/16"-24 x 3/4" for 8.5mm holes
4x 1/4"-28 x 3/4" for 7mm holes (skip outer small holes)
8x 5/16" 1.25" OD Stainless Oversized Washer (doubled up)
8x 1/4" 1.25" OD Stainless Oversized Washer (doubled up)
4x 5/16" 0.75" OD Nylon Washer to prevent corrosion
4x 1/4" 0.75" OD Nylon Washer to prevent corrosion
4x 5/16" 0.75" OD Washer, 5/6" nylon lock nut
4x 1/4" 0.75" OD Washer, 1/4" locknut or 1/4" high-collar split washer
2x 2" Superstrut Pole Clamp
12x Superstrut 3/8"-16 Spring Nut
4x Unitstrut U-Bracket 5 Holes
24x 3/8" 1" washer for U-Bracket (doubled up)
12x 3/8"-16 for for U-Bracket
4x WEEB Grounding Lug 6.7 1/4" (Listed)

Holes drilled through 2" RMC using Trick Tools Drill Rite

4x 3/8 x 3" Stainless bolts, washers, lock nuts