

New CAD Model of GlueX fDIRC Prototype Oil Box

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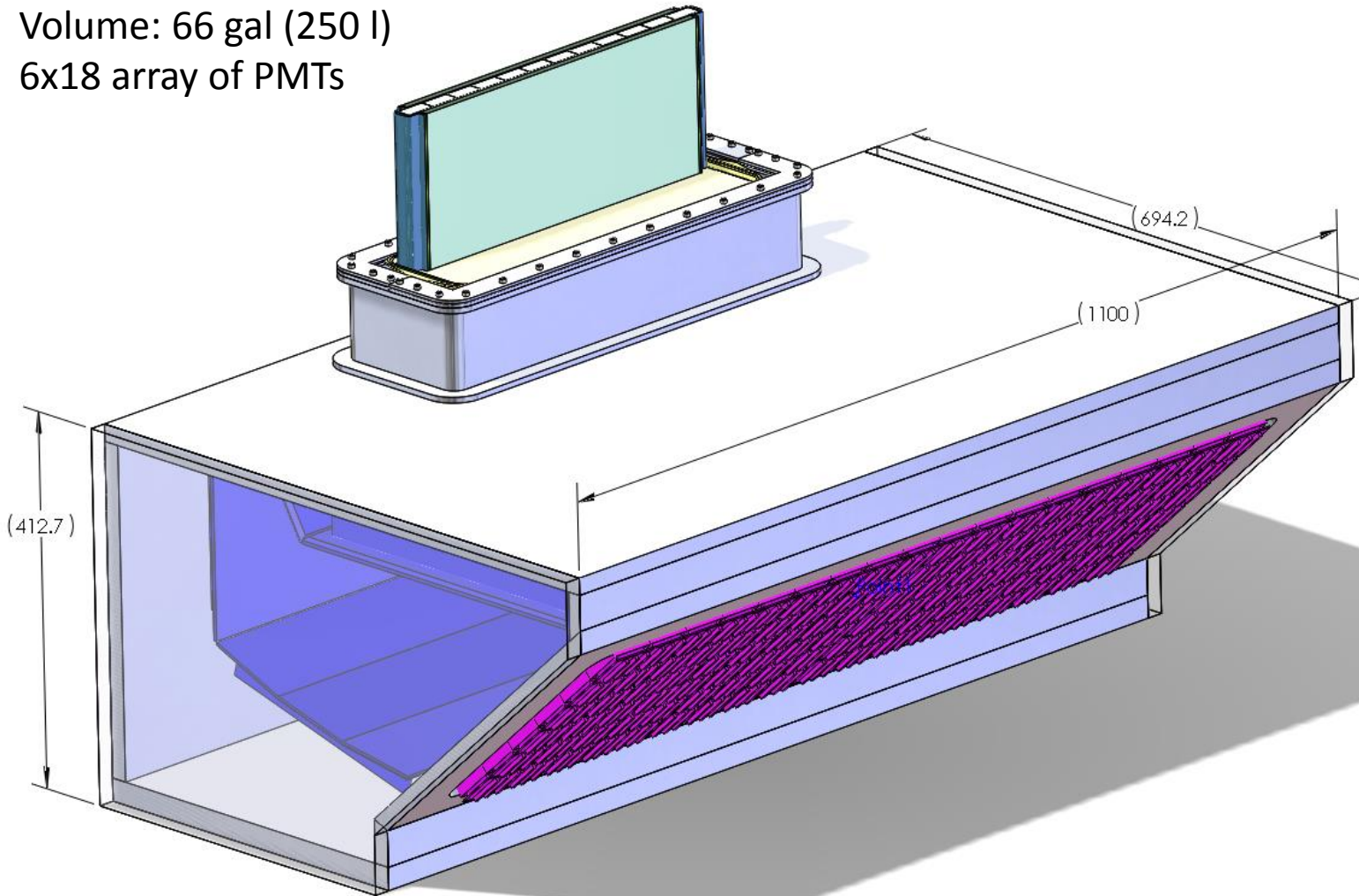
New Model

Model as Shown:

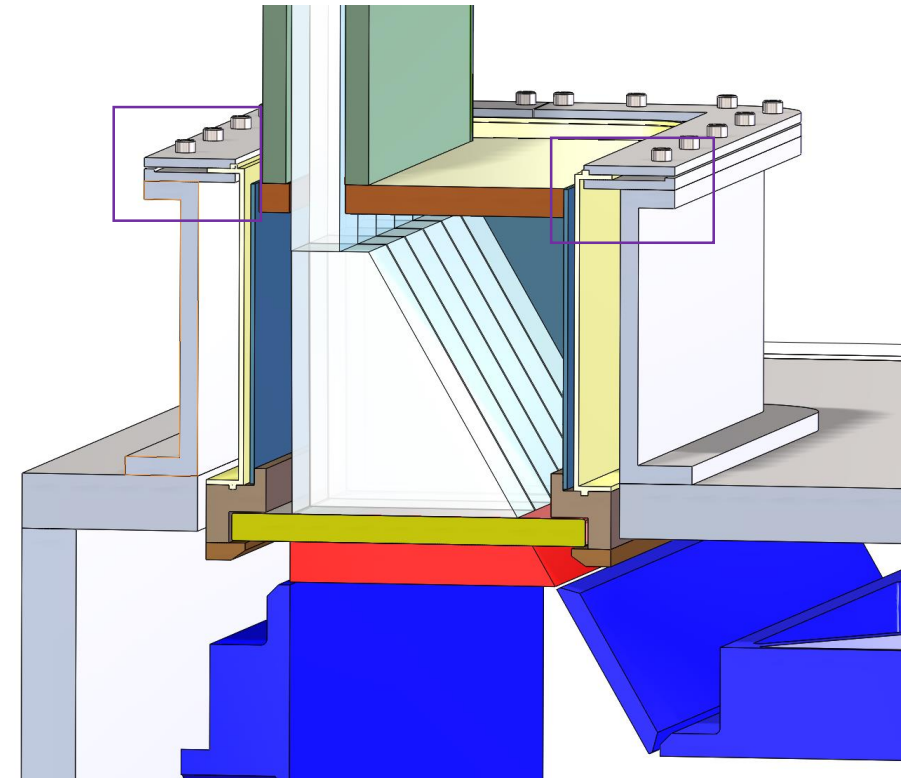
Mass: 150 kg (aluminum box and mirrors)

Volume: 66 gal (250 l)

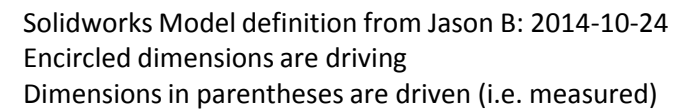
6x18 array of PMTs



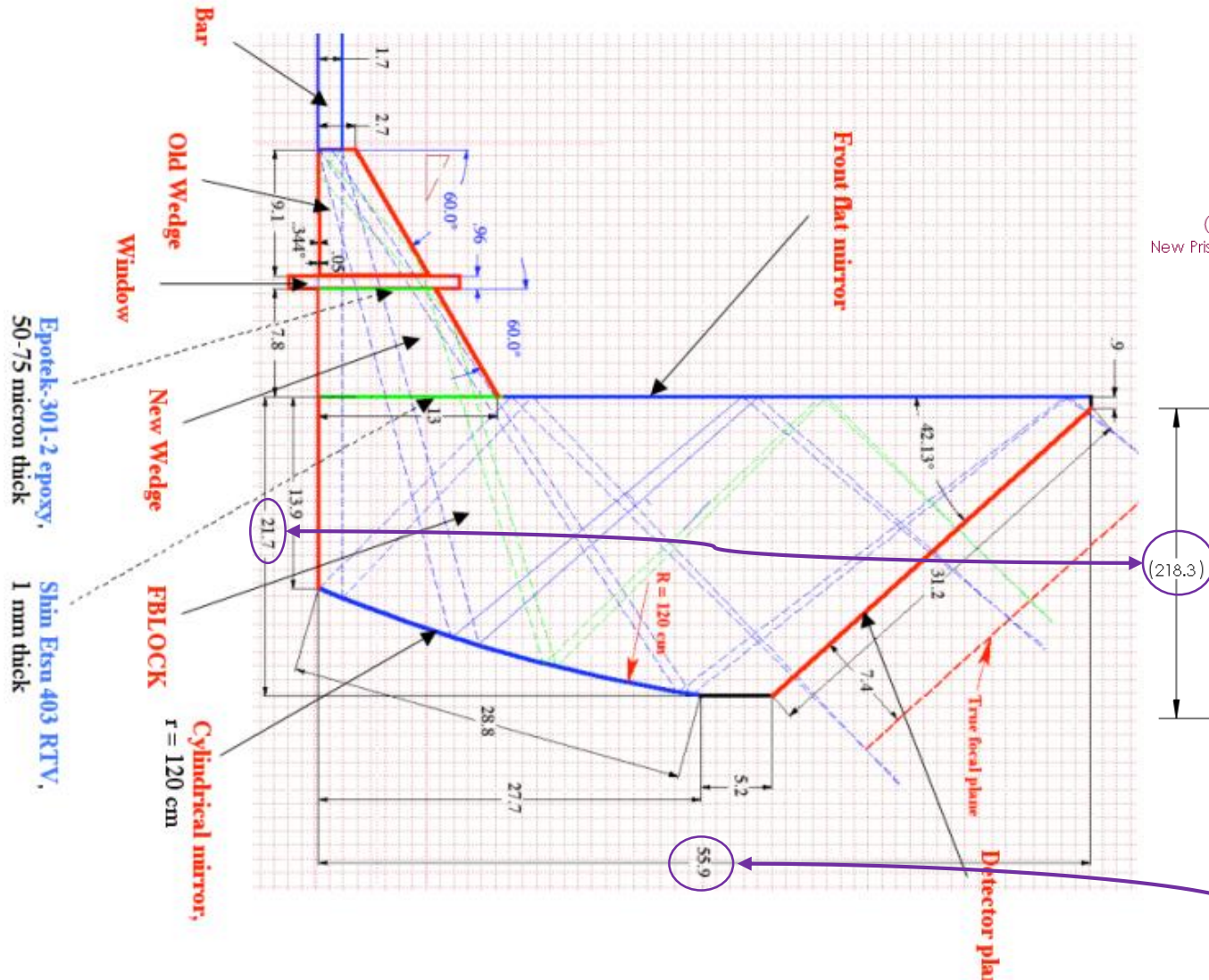
Hermetic Sealing Interface



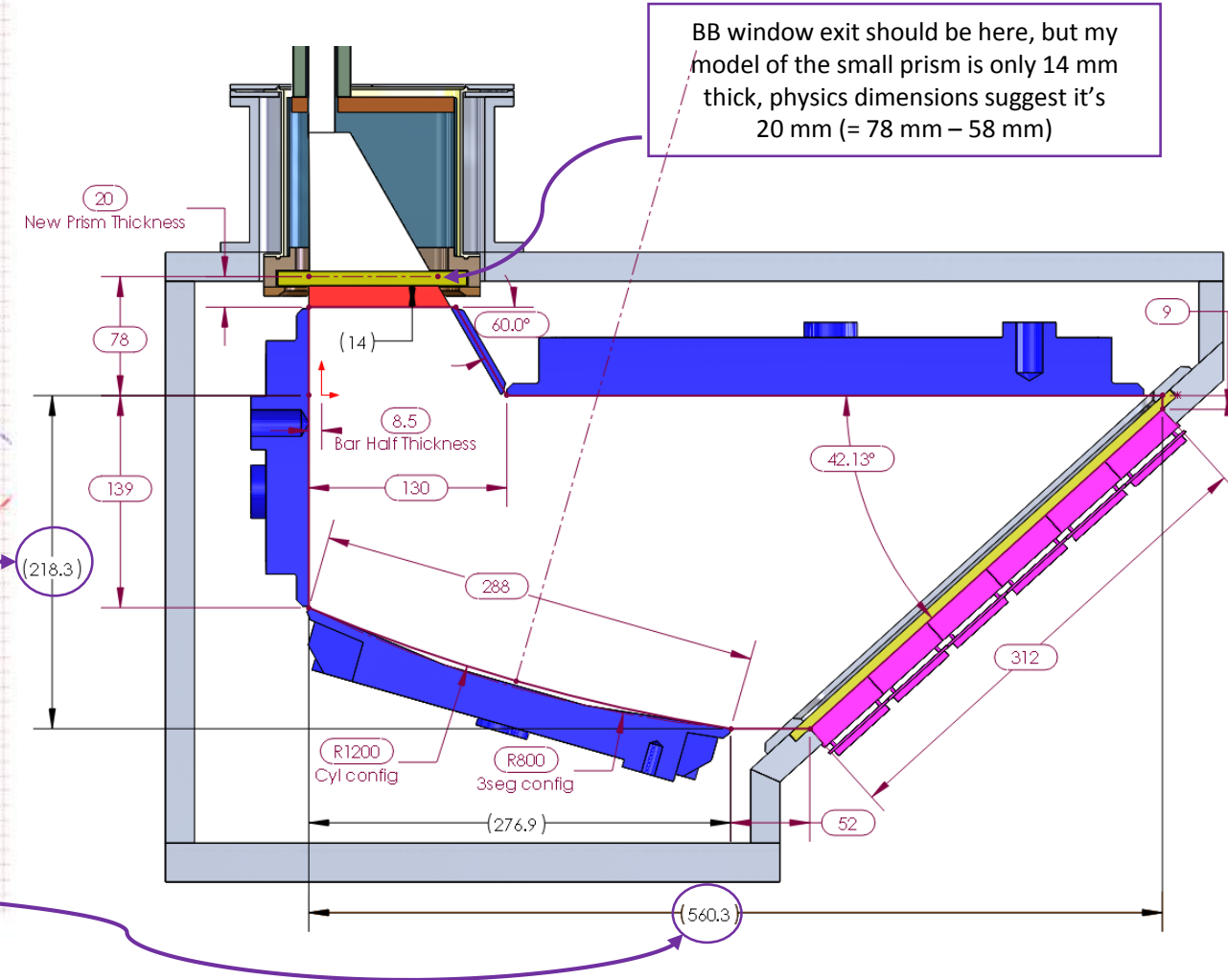
Epotek-301-2 epoxy, 50-75 micron thick **Shin Etsu 403 RTV, 1 mm thick**



Dimensional Discrepancies



Dimensions from John H: 2014-10-21



Solidworks Model definition from Jason B: 2014-10-24
 Encircled dimensions are driving
 Dimensions in parentheses are driven (i.e. measured)