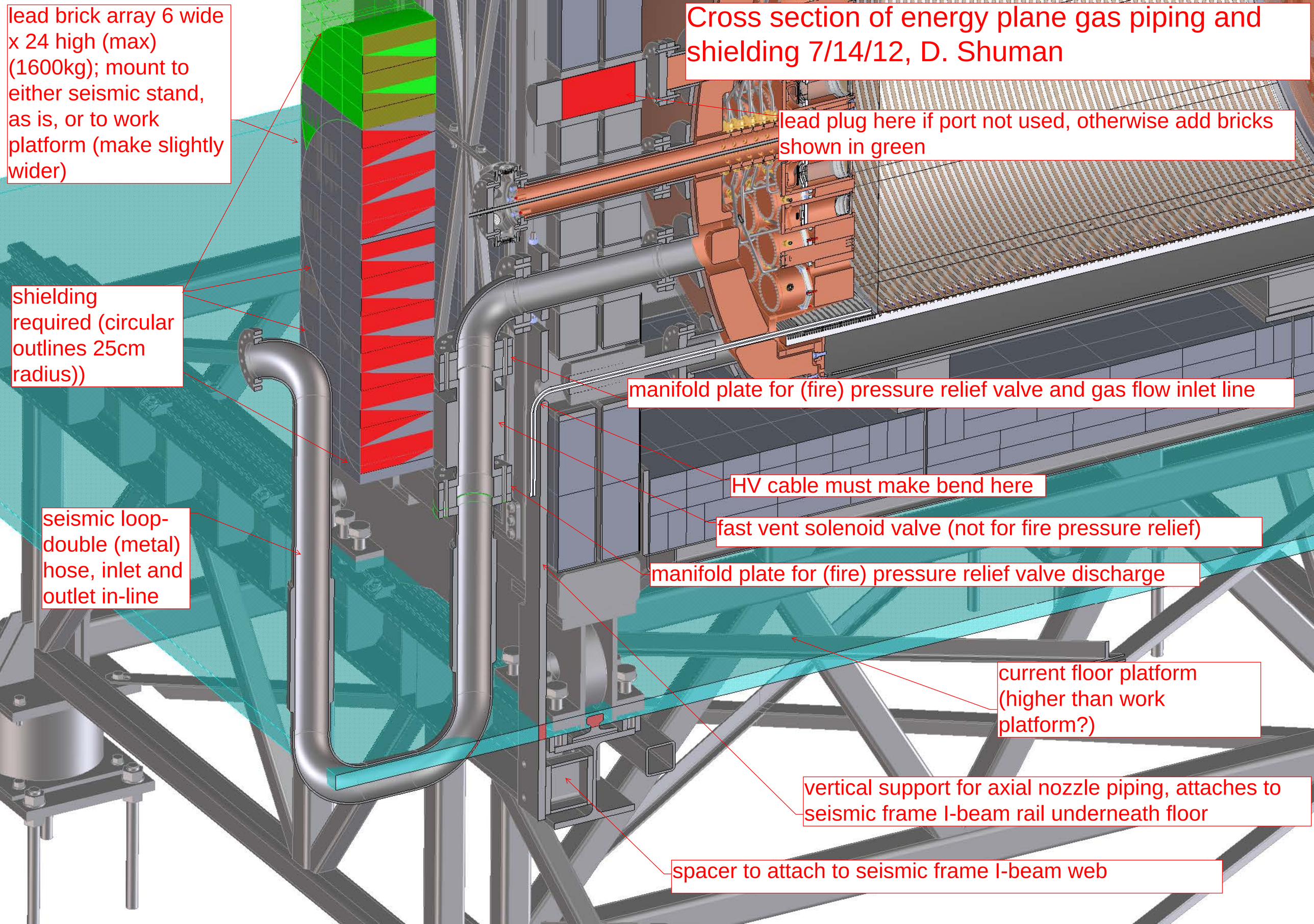
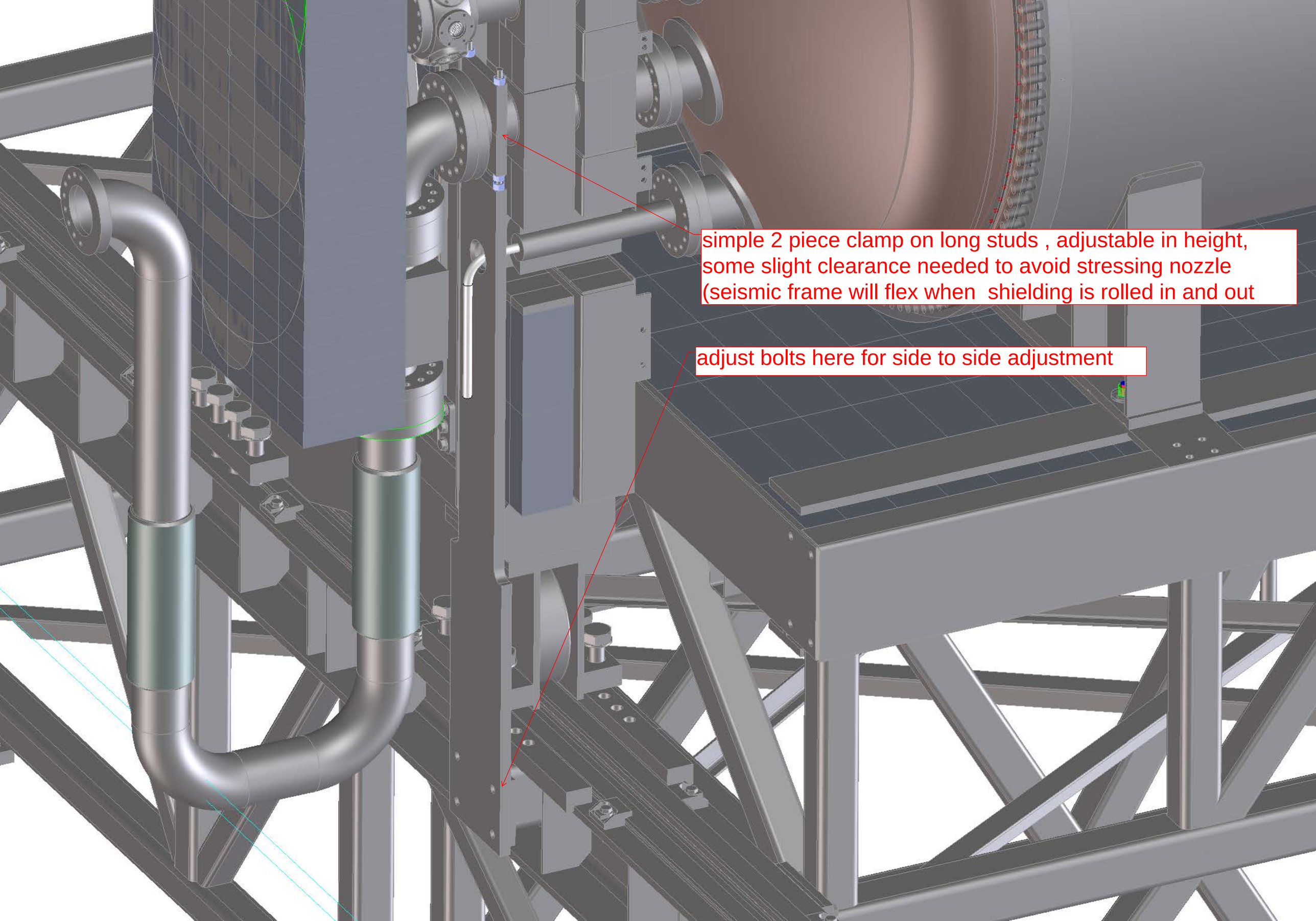
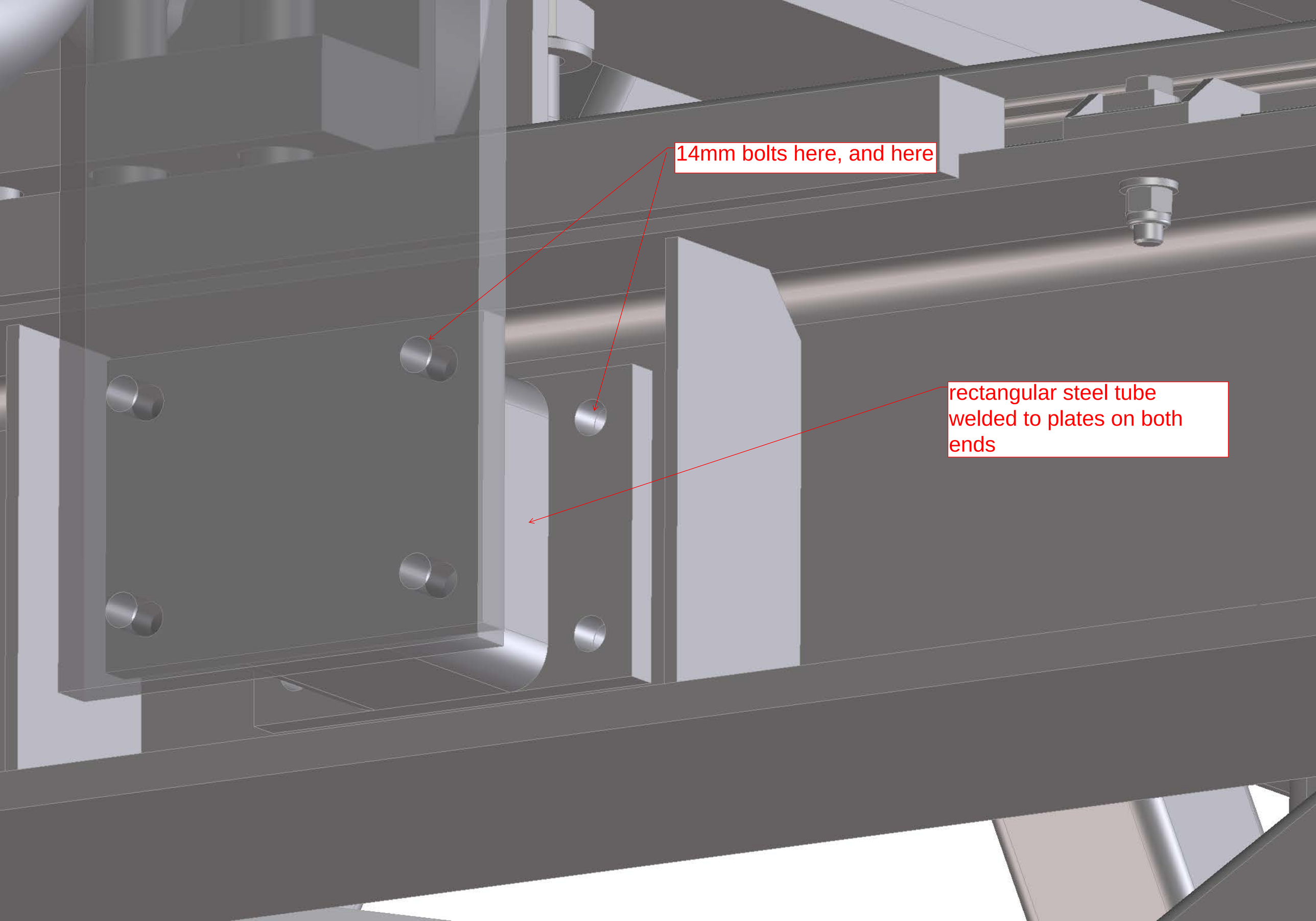
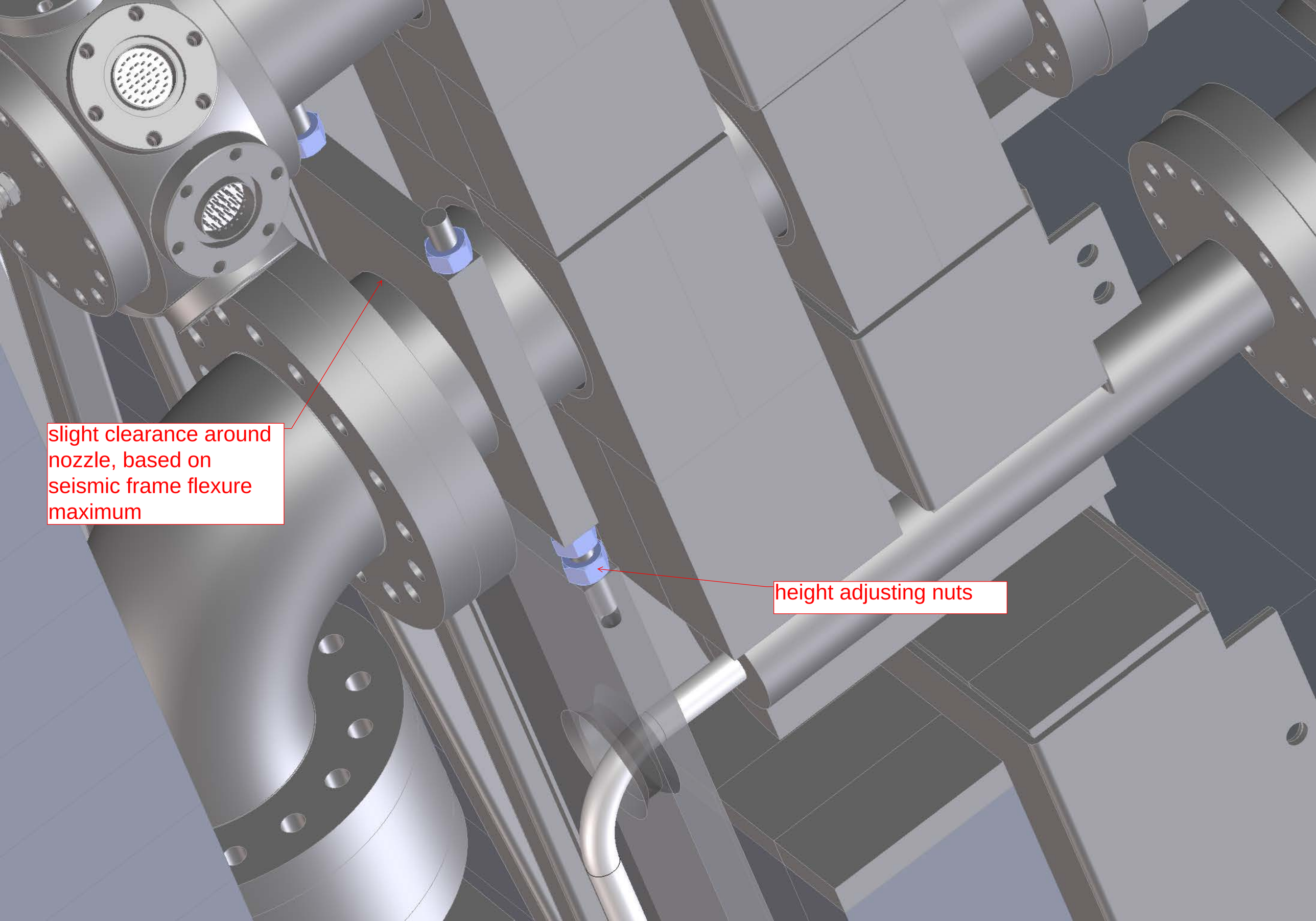
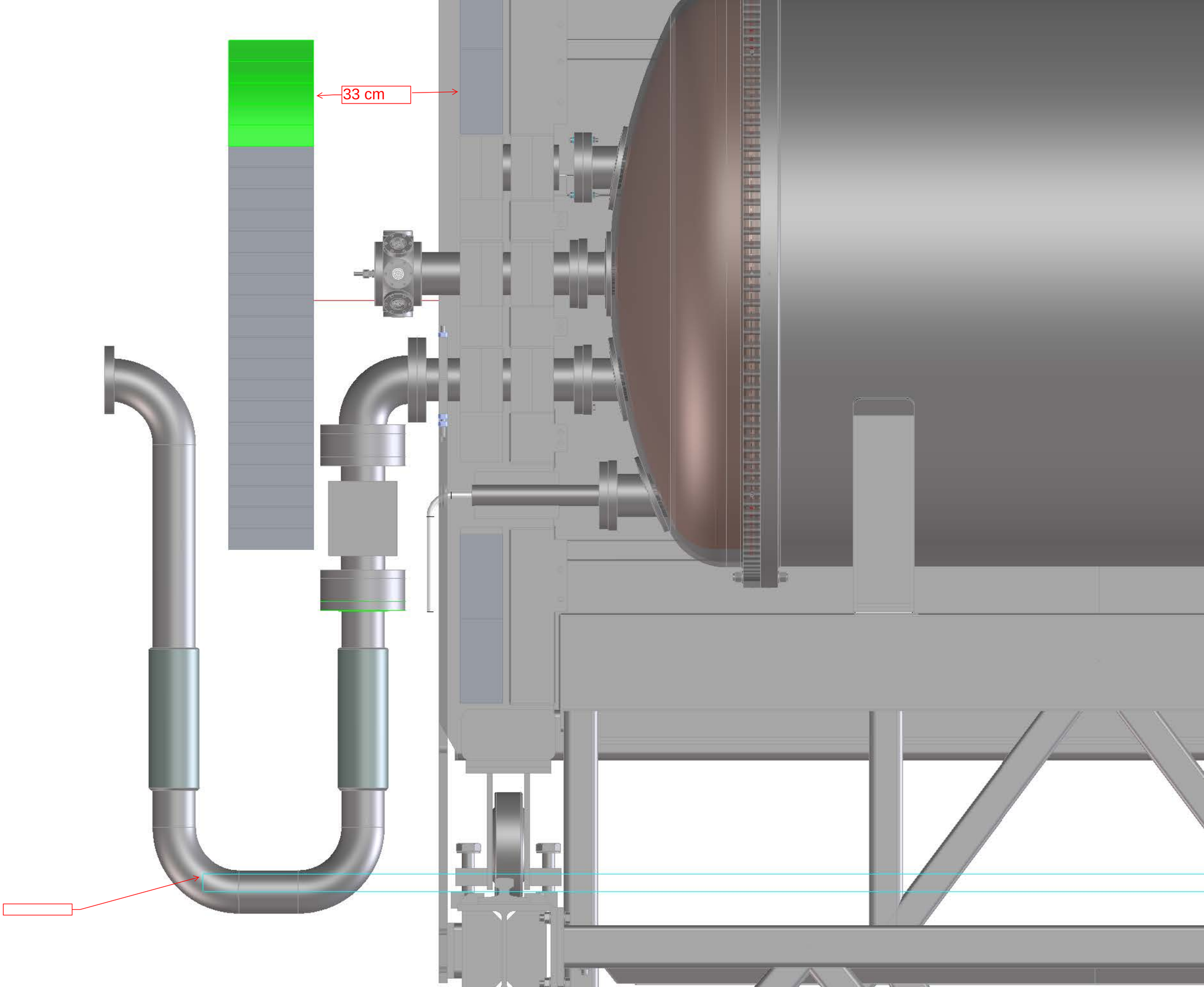
Cross section of energy plane gas piping and shielding 7/14/12, D. Shuman




simple 2 piece clamp on long studs , adjustable in height,
some slight clearance needed to avoid stressing nozzle
(seismic frame will flex when shielding is rolled in and out
adjust bolts here for side to side adjustment


14mm bolts here, and here
rectangular steel tube welded to plates on both ends


slight clearance around nozzle, based on seismic frame flexure maximum
height adjusting nuts


33 cm