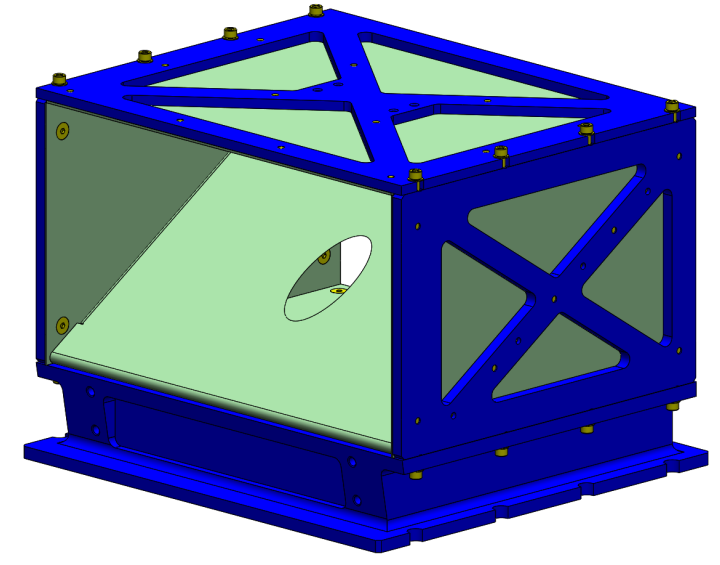
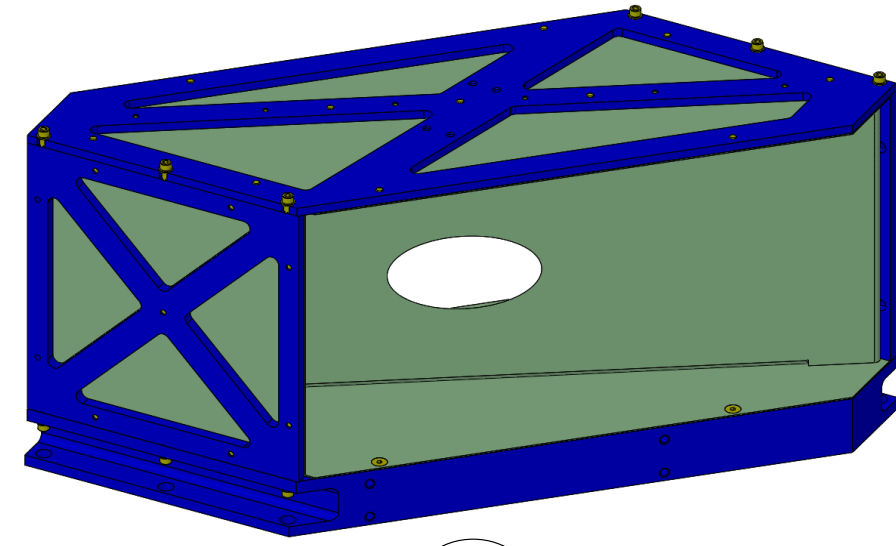


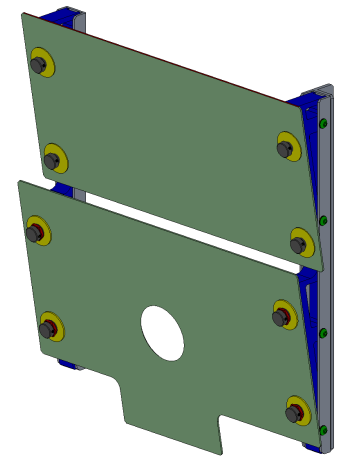
LAYOUT OF SCATTERED LIGHT BAFFLES IN ADVANCED LIGO



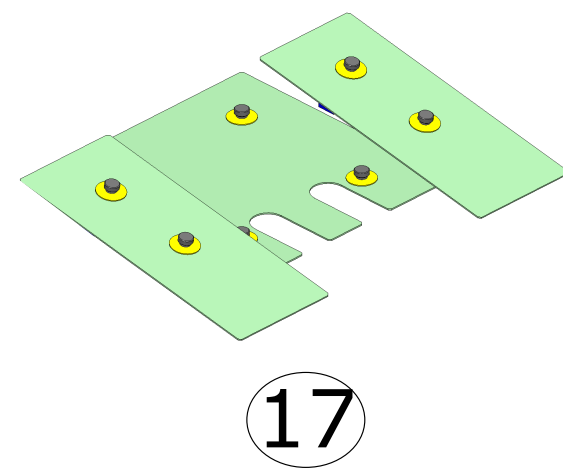
12 MC2 SCRAPER BAFFLE.
 D1000327
 Z: BLK NI COATED SSSL SUPER#8
 SPACER AND BRKT: BLK NI COATED AL
 SFHC SCREWS- DLC COATED



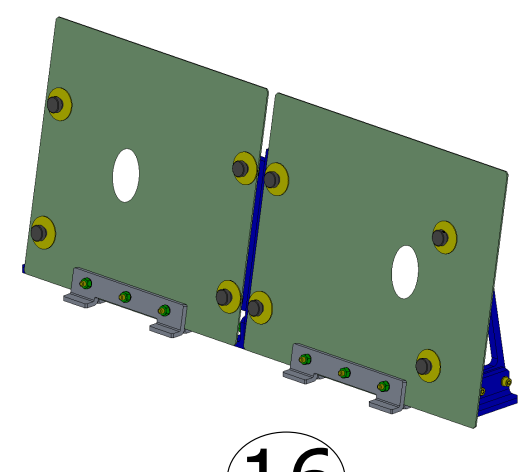
11 PR2 SCRAPER BAFFLE.
 D1000328
 CATCHES GHOST BEAM FROM
 BS, CPS, & ITMs
 Z: BLK NI COATED SSSL SUPER#8
 SPACER AND BRKT: BLK NI COATED AL
 SFHC SCREWS- DLC COATED



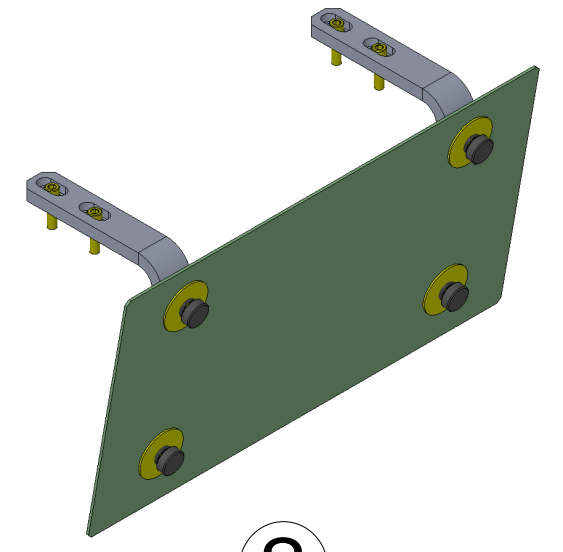
14 HSTS SUS CAGE BAFFLE
 D1700256, PRM
 PANEL: DLC COATED SSSL SUPER#8
 MT. HARDWARE: BLK NI COATED
 MOUNTED ON SUS STRUCTURE



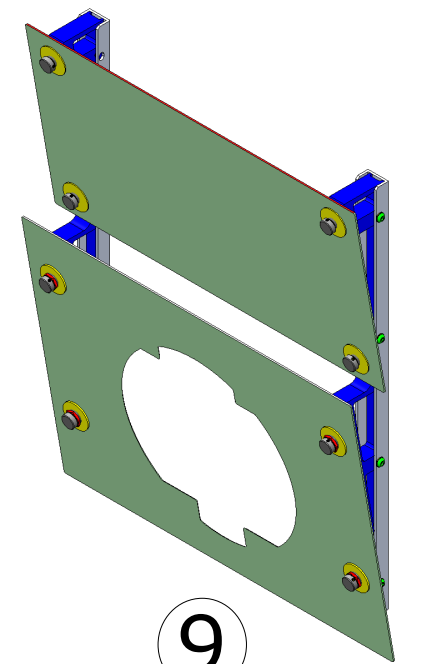
17 TABLE BAFFLE ASSY.
 D1700270-01, PR3
 D1700270-03, PR3
 D1700270-04, PR3
 PANELS: DLC COATED SSSL SUPER#8
 MT. HARWARE: BLK NI COATED
 BAFFLE FEET: BLK NI COATED
 MOUNTED ON HAM ISI



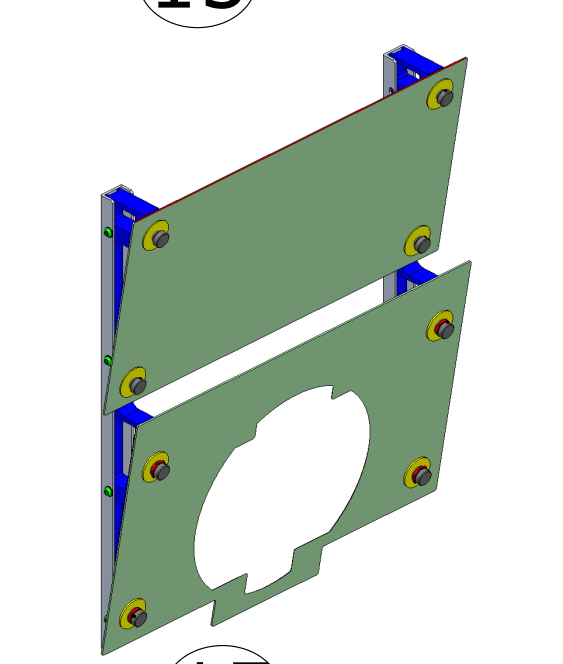
16 MC1/MC3 BAFFLE ASSY.
 D1700296, MC1/MC3
 PANELS: DLC COATED SSSL SUPER#8
 MT. HARDWARE: BLK NI COATED
 BAFFLE MT. FEET: BLK NI COATED
 BAFFLE FEET MT. HARDWARE: DLC COATED
 MOUNTED ON HAM ISI



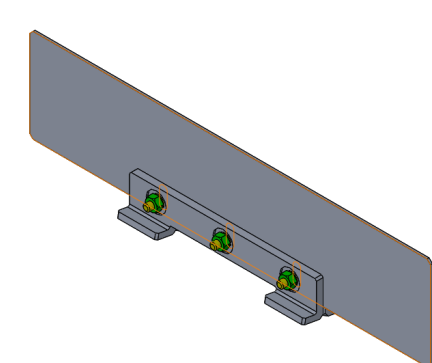
8 HAM ISI BAFFLE ASSY.
 D1700265, MULTIPLE
 PANEL: DLC COATED SSSL SUPER#8
 MT. HARDWARE: BLK NI COATED
 MOUNTED ON HAM ISI



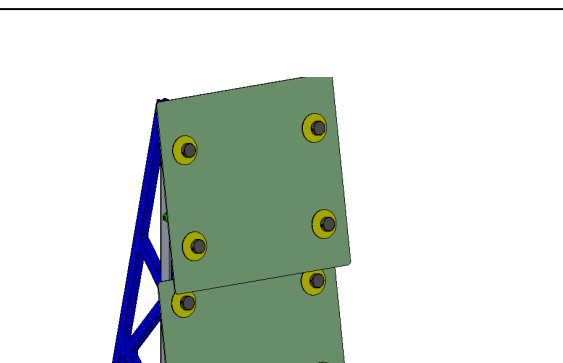
9 HLTS SUS CAGE BAFFLE
 D1700239-021 SR3 AR SIDE
 PANEL: DLC COATED SSSL SUPER#8
 MT. HARDWARE: BLK NI COATED
 MOUNTED ON SUS STRUCTURE



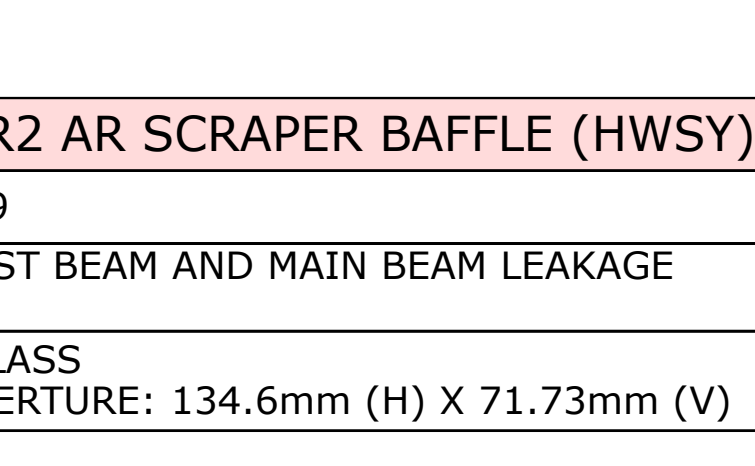
15 HLTS SUS CAGE BAFFLE
 D1700239-02, PR3 AR SIDE
 PANEL: DLC COATED SSSL SUPER#8
 MT. HARDWARE: BLK NI COATED
 MOUNTED ON SUS STRUCTURE



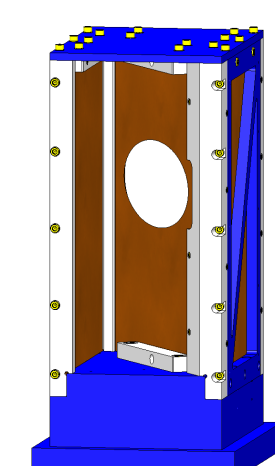
10 BALLAST MASS BAFFLE
 D1700262, MULTIPLE
 PANEL: DLC COATED SSSL SUPER#8
 BAFFLE MT. FOOT: BLK NI COATED
 MT. HARDWARE: DLC COATED
 MOUNTED ON HAM ISI



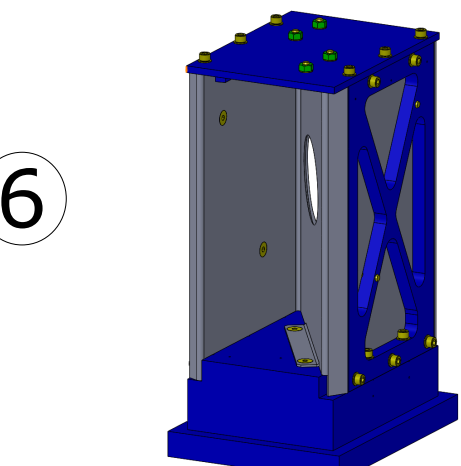
18 SEPTUM BAFFLE
 D1700262, MULTIPLE
 PANEL: DLC COATED SSSL SUPER#8
 MOUNTED ON HAM ISI



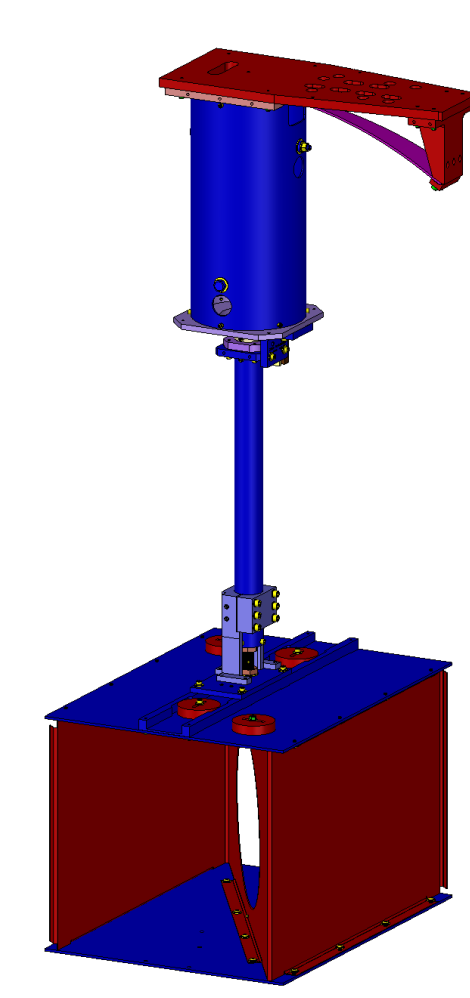
7 HAM/SR2 AR SCRAPER BAFFLE (HWSY)
 D1600009
 SR2 GHOST BEAM AND MAIN BEAM LEAKAGE
 BLACK GLASS
 ELLIPT. APERTURE: 134.6mm (H) X 71.73mm (V)



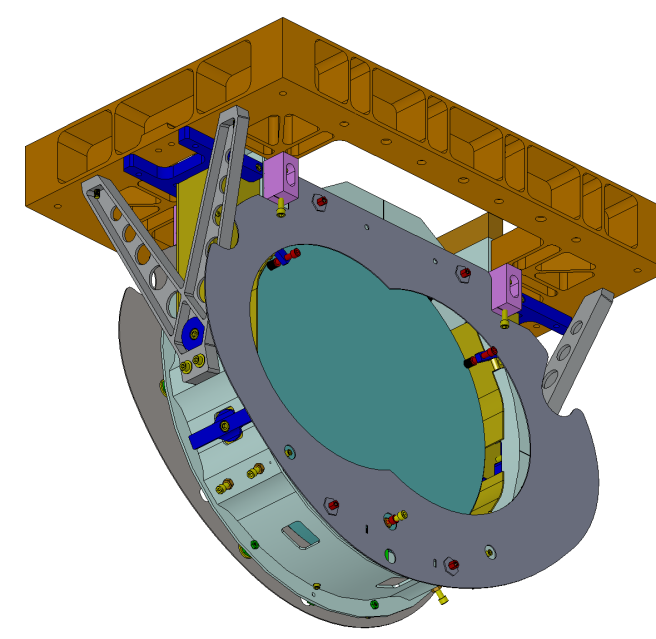
6 HAM/SR2 AR SCRAPER BAFFLE
 D1101599
 SR2 GHOST BEAM AND MAIN BEAM LEAKAGE
 OXIDIZED SSSL
 APERTURE: D=71.6mm



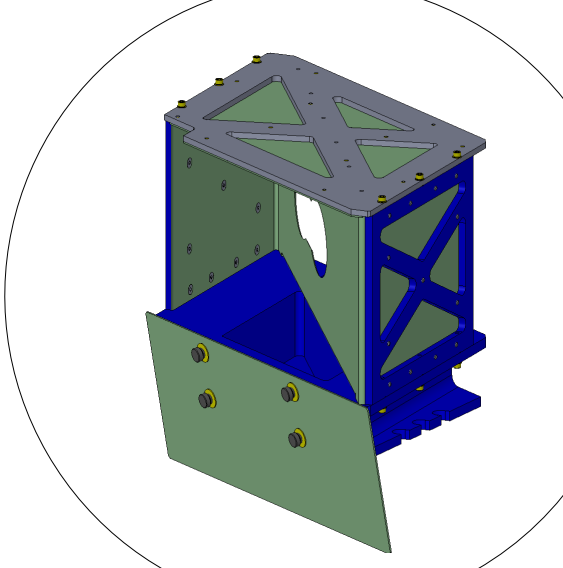
13 HAM TABLE BAFFLE ASSY.
 D1700270-01, SR3: D1700270-02, SRM
 PANEL: DLC COATED SSSL SUPER#8
 MT. HARDWARE: BLK NI COATED
 MOUNTED ON HAM ISI STAGE



1 ITM ELLIPTICAL BAFFLE
 D1101806
 CATCHES ITM & CP GHOST BEAMS
 AND DEFINES APERTURE TO BE
 W/IN BS APERTURE
 TOP & BOT SKIN: DLC COATED AL
 Z: BLK NI COATED SSSL SUPER#8
 HARDWARE F SIDE: DLC COATED
 ELLIPT. APERTURE: 244mm(H) X 294mm (V)
 MOUNTED ON ISI STAGE 0

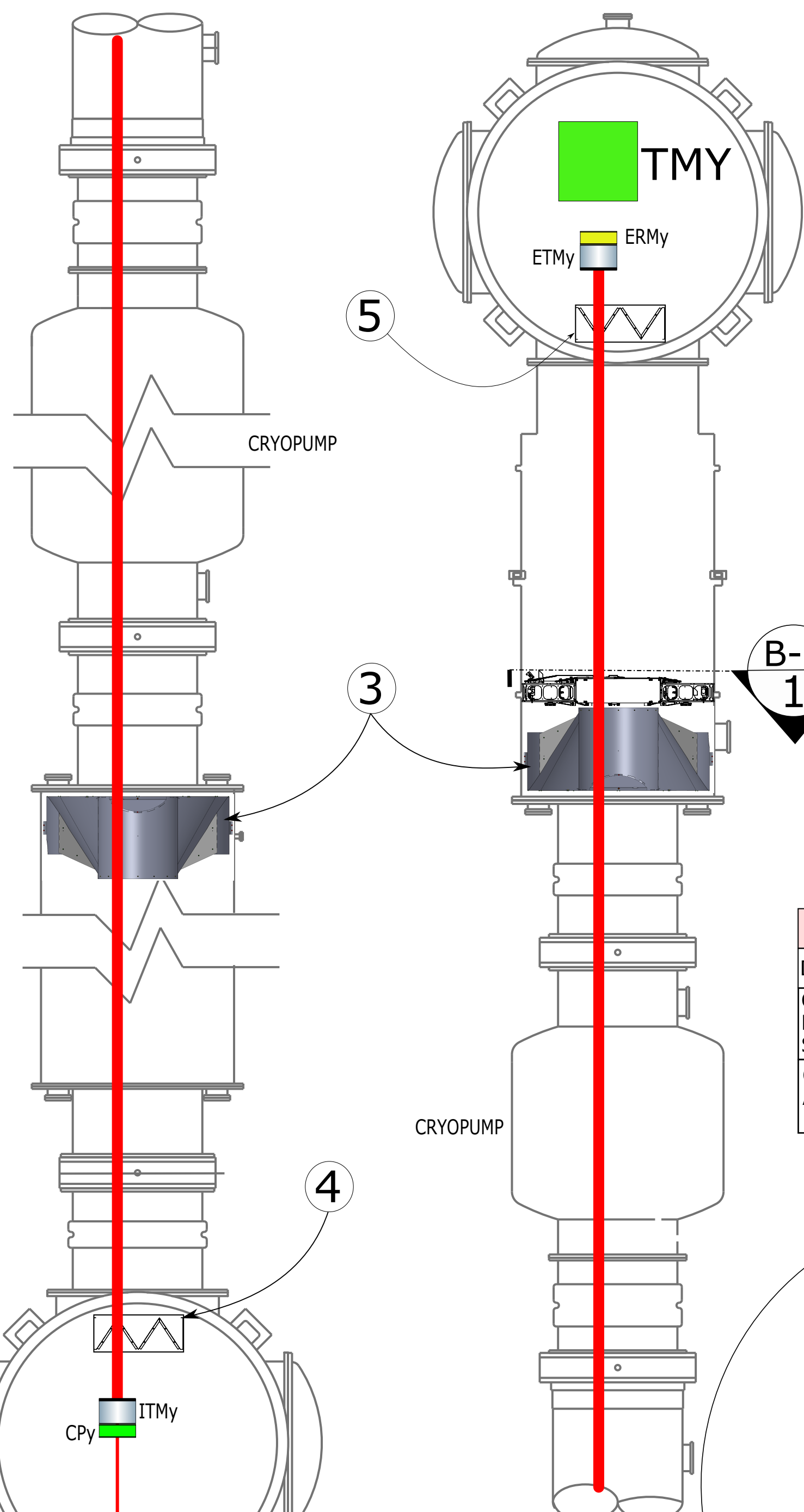


2 BS ELLIPTICAL BAFFLE
 D1200750
 FURTHER DEFINES
 APERTURE (BEYOND ITEM EBs)
 TO MAXIMIZE BEAM OVERLAP AT BS
 PANELS: DLC COATED SSSL SUPER#8
 MT. HARDWARE: DLC COATED
 ELLIPT. APERTURE: 210mm(H) X 260mm (V)
 MOUNTED ON BS SUS STRUCTURE



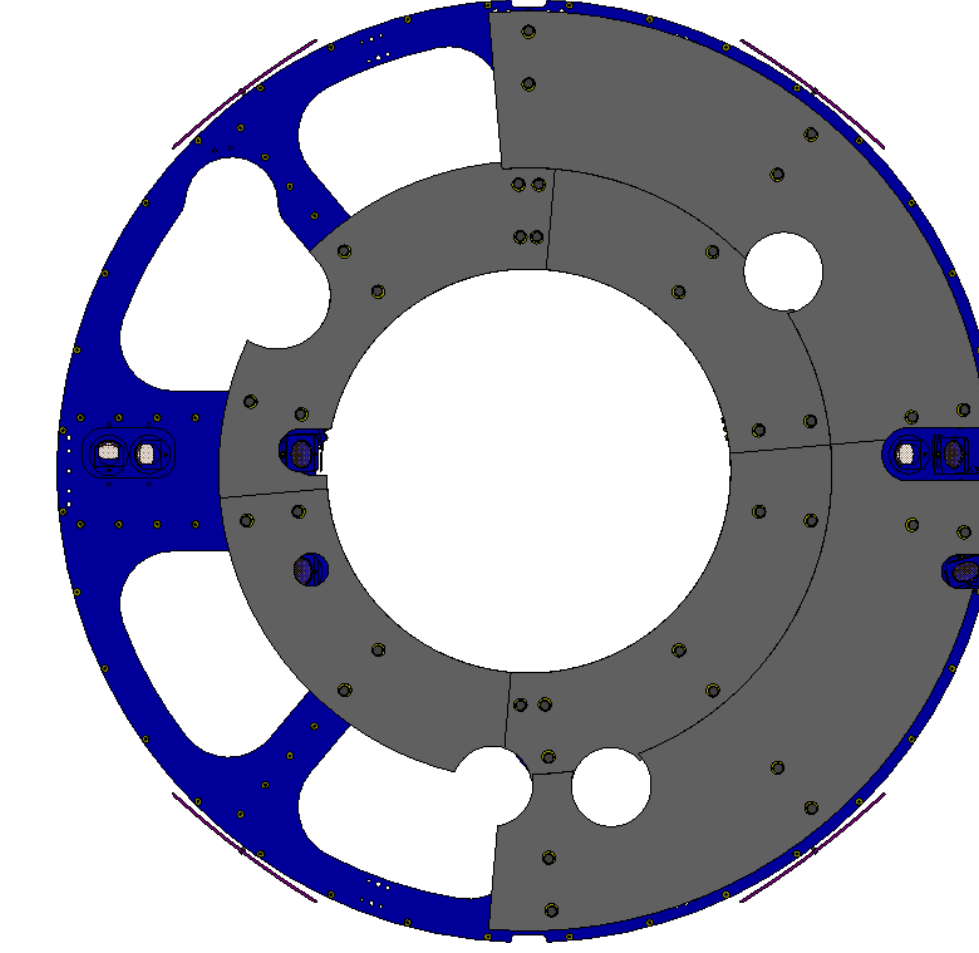
12 SR2 SCRAPER BAFFLE.
 D1003349
 CATCHES GHOST BEAM FROM
 BS, CPS, & ITMs
 Z: BLK NI COATED SSSL SUPER#8
 FRONT PANEL: DLC COATED SSSL SUPER#8
 SPACER AND BRKT: BLK NI COATED AL
 SFHC SCREWS- DLC COATED

4 Km



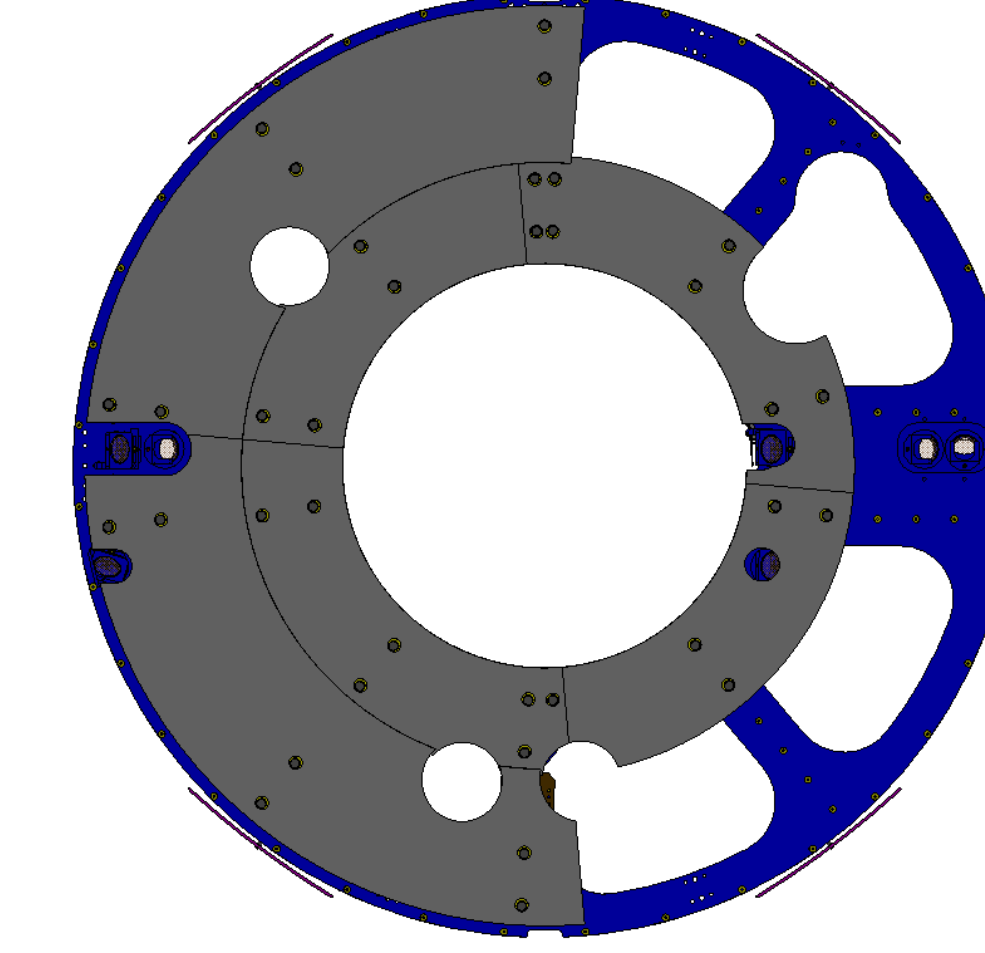
4 Km

4 Km



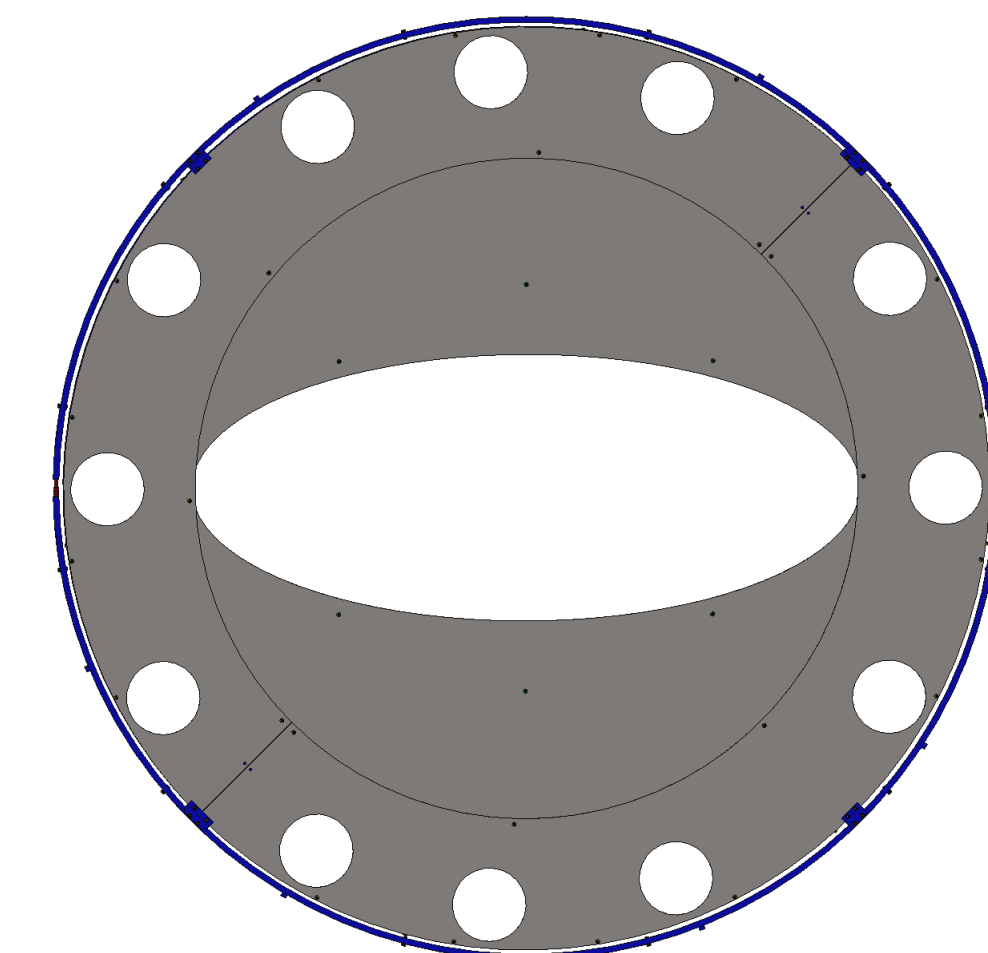
SECTION B-B

PCAL SHIELD + BARREL BAFFLE ASSY.
 D1700164 SERIES, PCAL SHIELD (INNER PANELS)
 D1700165 SERIES, PCAL SHIELD (OUTER PANELS)
 D1700399 SERIES, BARREL BAFFLE
 SHIELDS: DLC COATED SSSL SUPER#8
 BARREL PANELS: BLK NI COATED SSSL SUPER#8
 MT. HARDWARE: BLK NI COATED



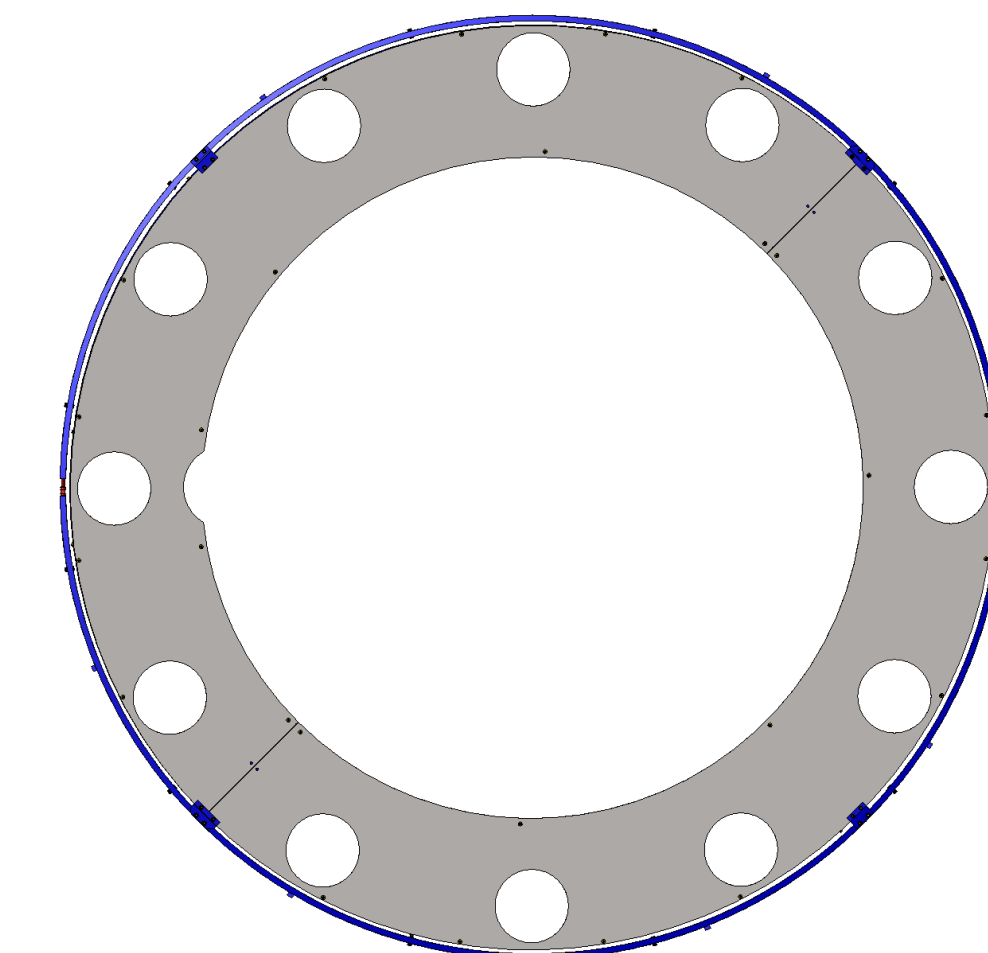
SECTION A-A

MANIFOLD / CRYOPUMP BAFFLE, ETM
 D1003181, ETMx; D1003228, ETMy
 SHIELDS CRYOPUMP FROM TEST MASS
 SCATTERED LIGHT
 OXIDIZED SSSL
 APERTURE: D=769mm

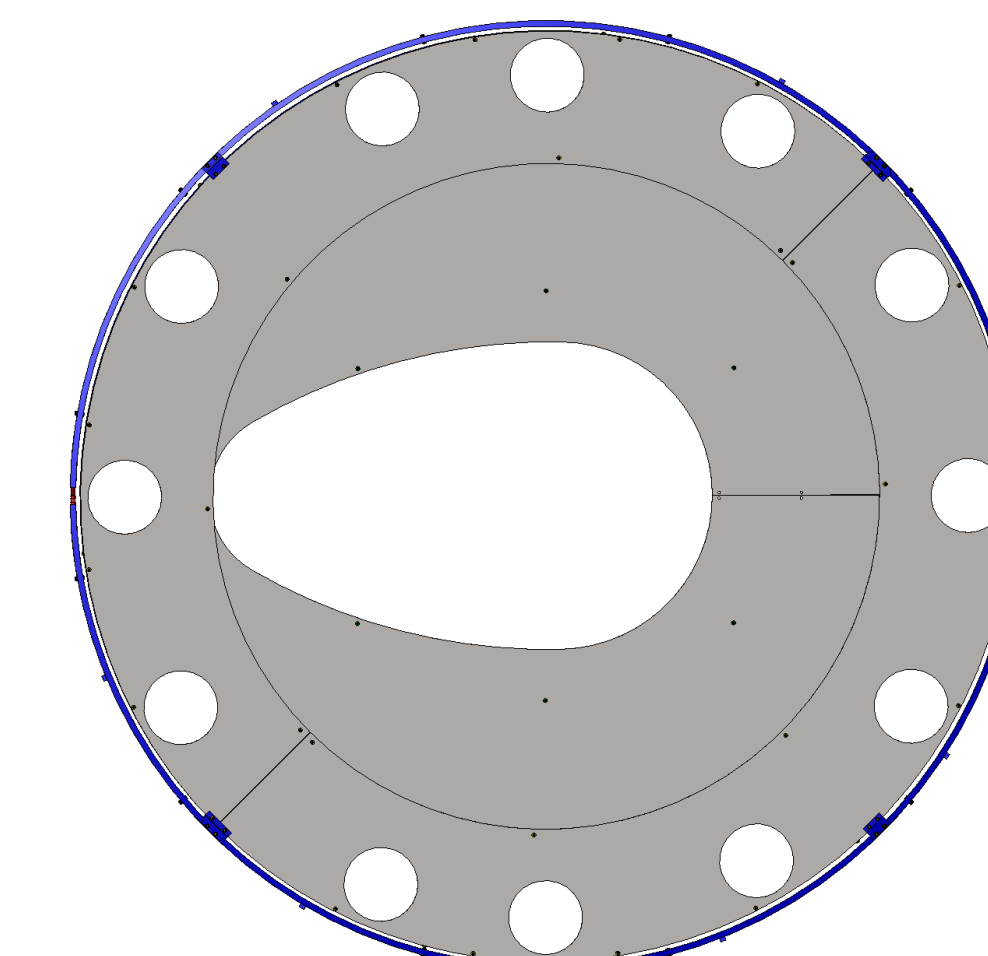


SECTION E-E

MODE CLEANER TUBE BAFFLE MCB1
 D1000774
 SHIELDS FLAT SURFACES OF VIEPORT RING
 OXIDIZED SSSL, PITCHED @ 5 DEG.

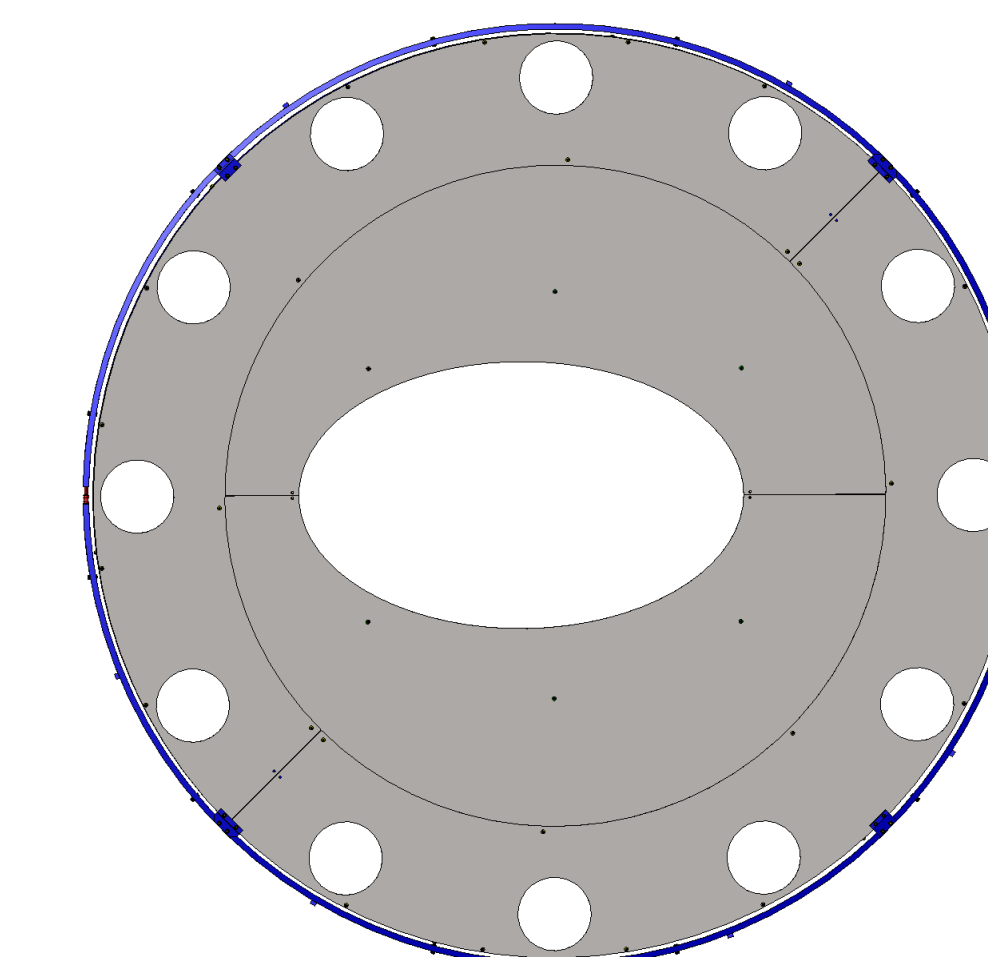


MODE CLEANER TUBE BAFFLE MCA1
 D1000774
 SHIELDS FLAT SURFACES OF VIEPORT RING
 PROTECTS HAM2 SUS FROM ERRANT BEAMS
 OXIDIZED SSSL, PITCHED @ 5 DEG.



SECTION C-C

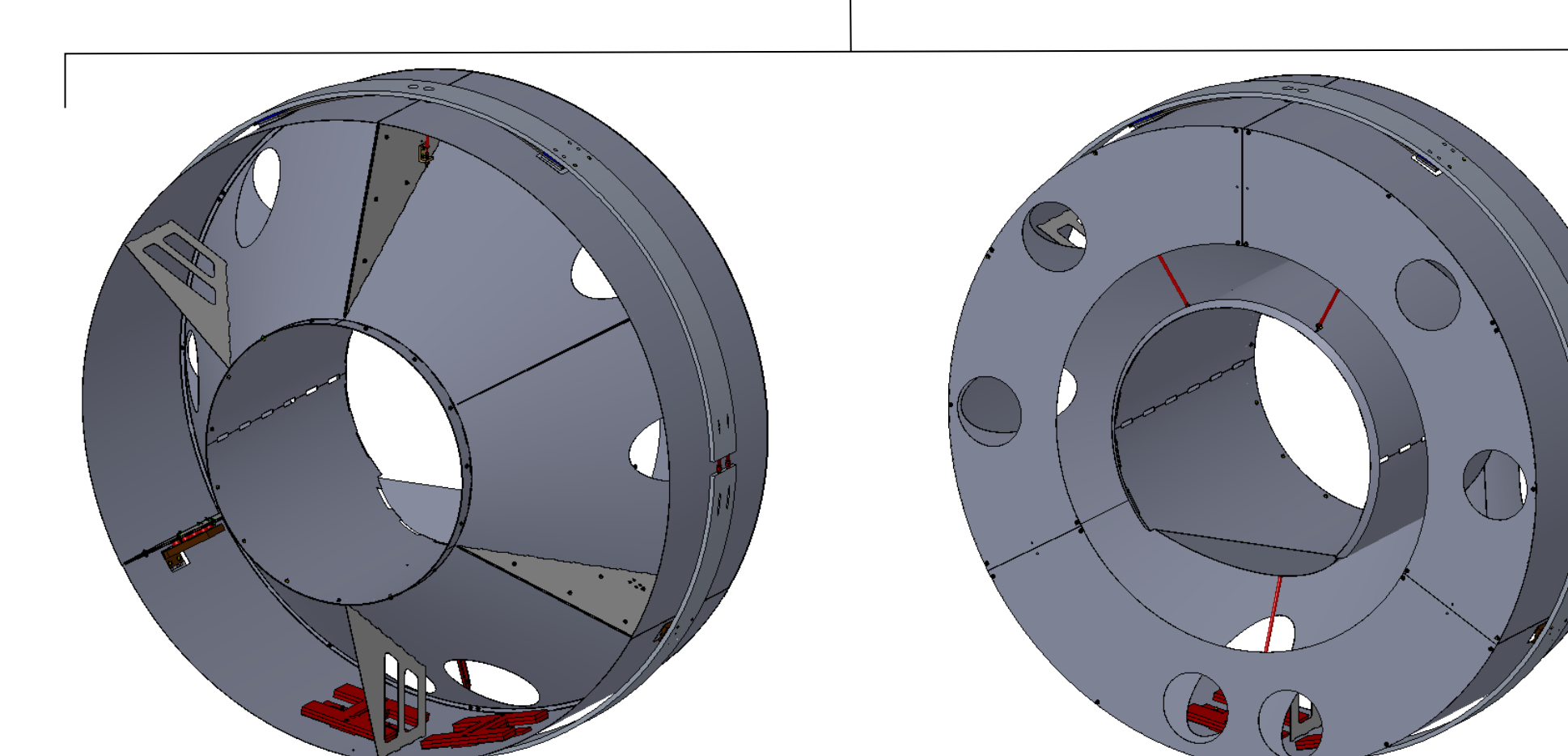
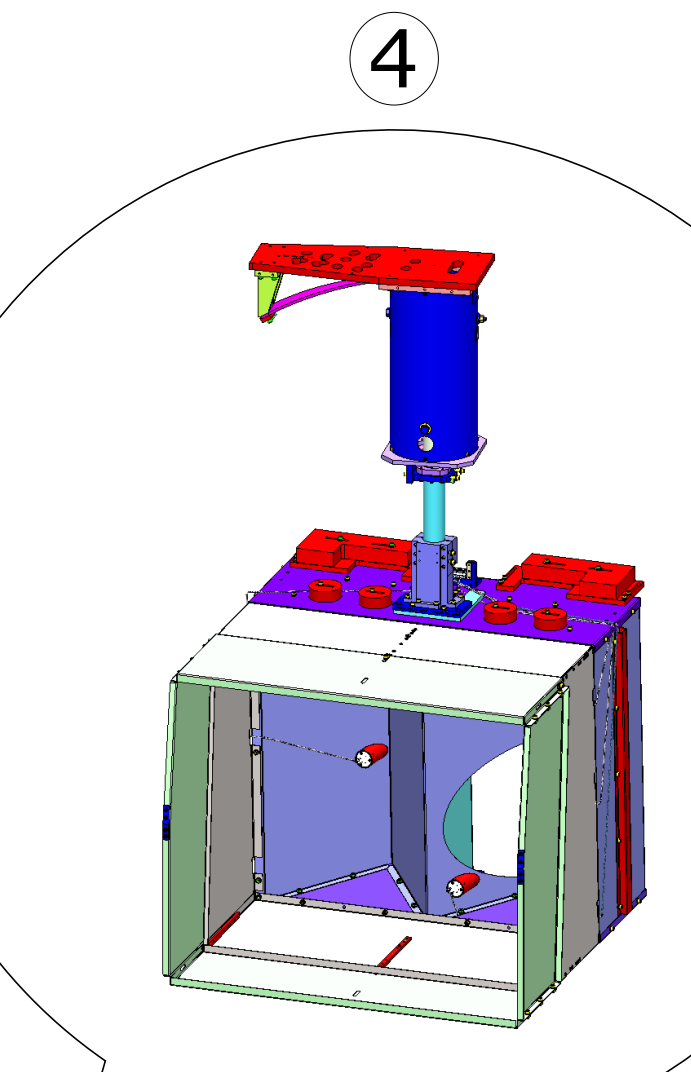
MODE CLEANER TUBE BAFFLE MCB2
 D1000774
 SHIELDS FLAT SURFACES OF VIEPORT RING
 OXIDIZED SSSL, PITCHED @ 5 DEG.



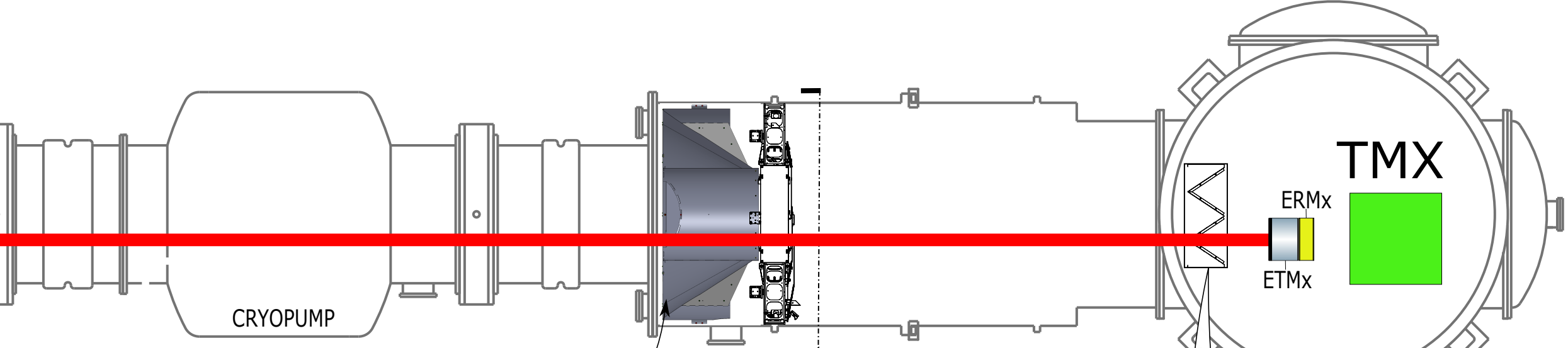
SECTION D-D

MODE CLEANER TUBE BAFFLE MCA2
 D1000774
 SHIELDS FLAT SURFACES OF VIEPORT RING
 OXIDIZED SSSL, PITCHED @ 5 DEG.

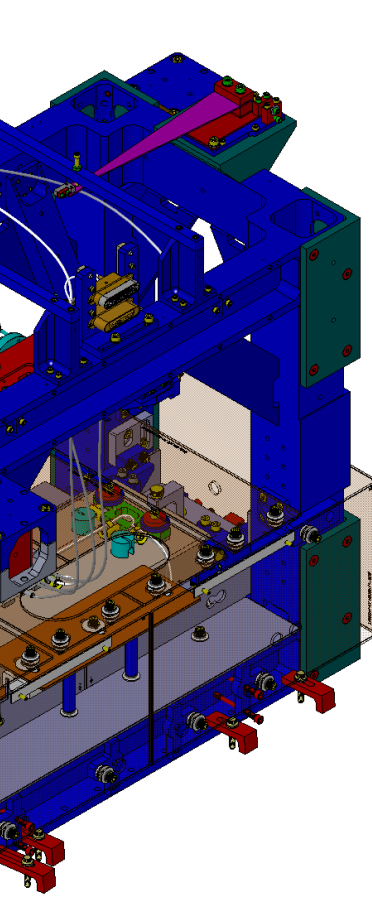
ARM CAVITY BAFFLE, ITM
 D1200580, ITMx; D1200578, ITMy
 CATCHES SMALL ANGLE SCATTER
 FROM ITM AND WIDE ANGLE
 SCATTER FROM ETM
 OXIDIZED SSSL
 APERTURE: D=343.9mm
 MOUNTED ON ISI STAGE 0



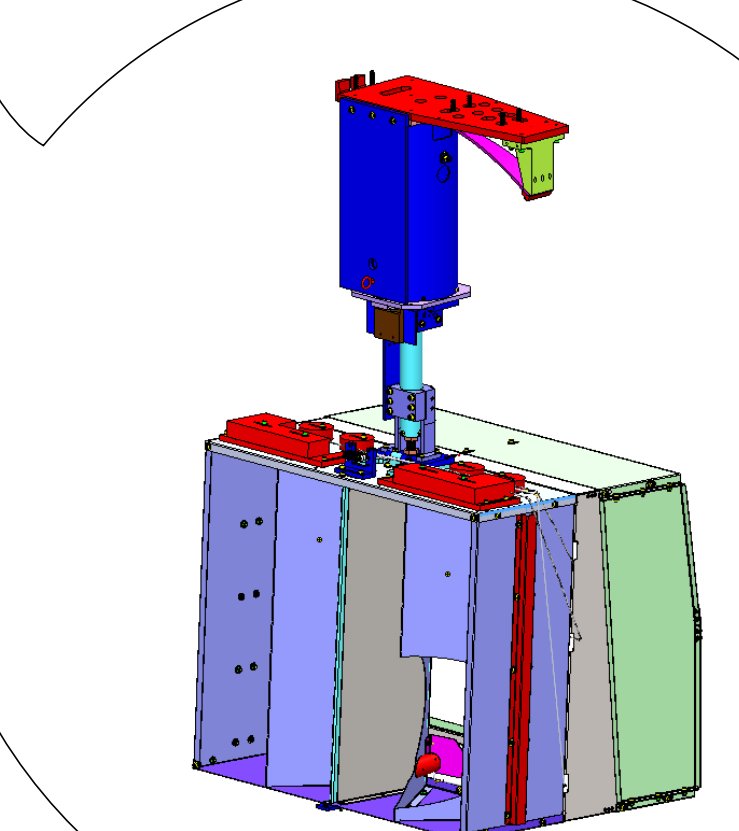
3



HSTS SUS CAGE BAFFLE
 D1700257-01, SRM HR SIDE (L1)
 D1700257-03, SRM HR SIDE (H1)
 PANEL: DLC COATED SSSL SUPER#8
 MT. HARDWARE: BLK NI COATED
 MOUNTED ON SUS STRUCTURE



13 OMC BLACK GLASS SHROUD
 D0900295
 PANEL: AR COATED BK GLASS
 MOUNTED ON SUS STRUCTURE



5 ARM CAVITY BAFFLE, ETM
 D1200656, ETMx; D1200653, ETMy
 CATCHES SMALL ANGLE SCATTER
 FROM ITM AND WIDE ANGLE
 SCATTER FROM ETM
 OXIDIZED SSSL
 APERTURE: D=343.9mm
 MOUNTED ON ISI STAGE 0

5