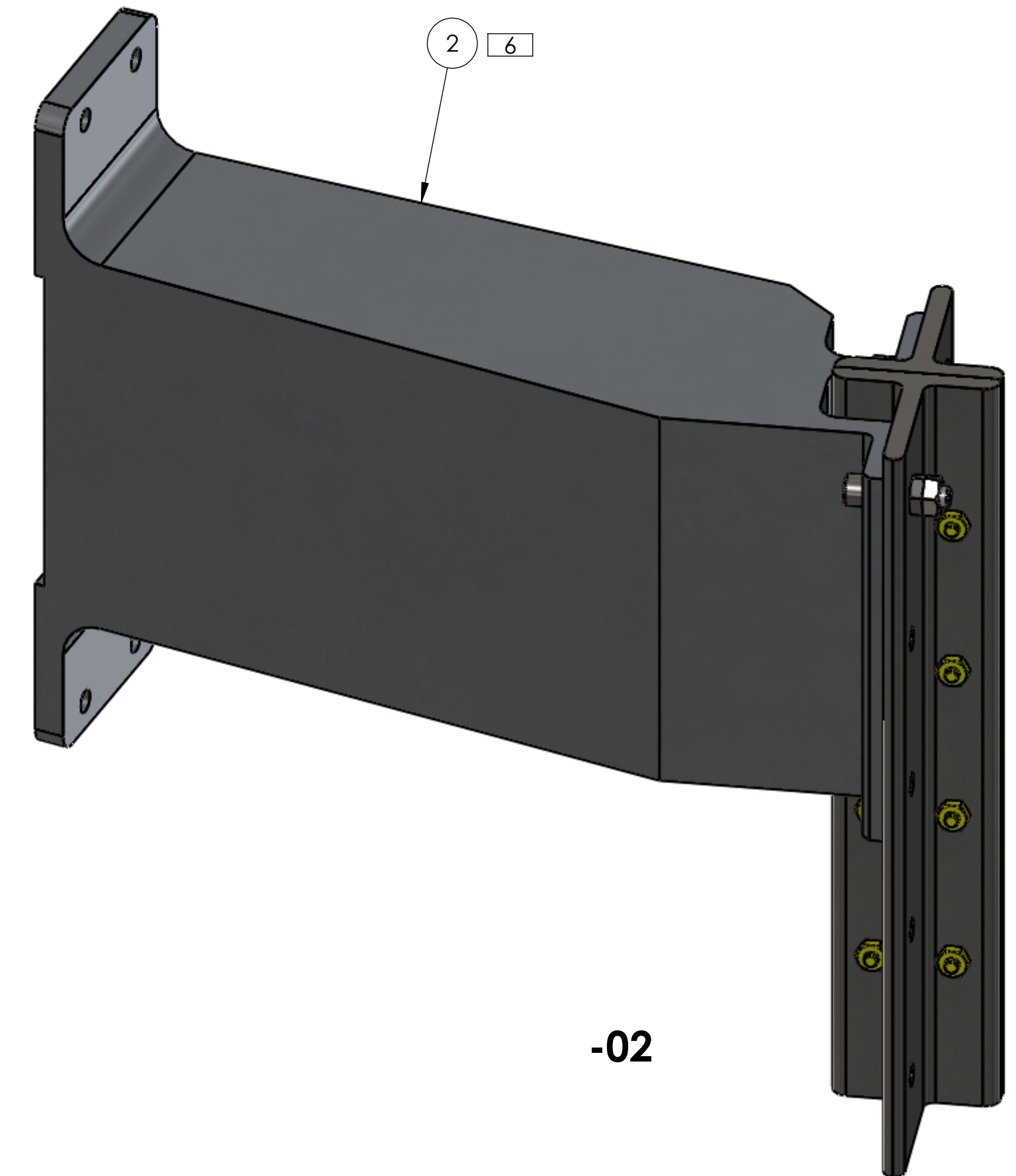
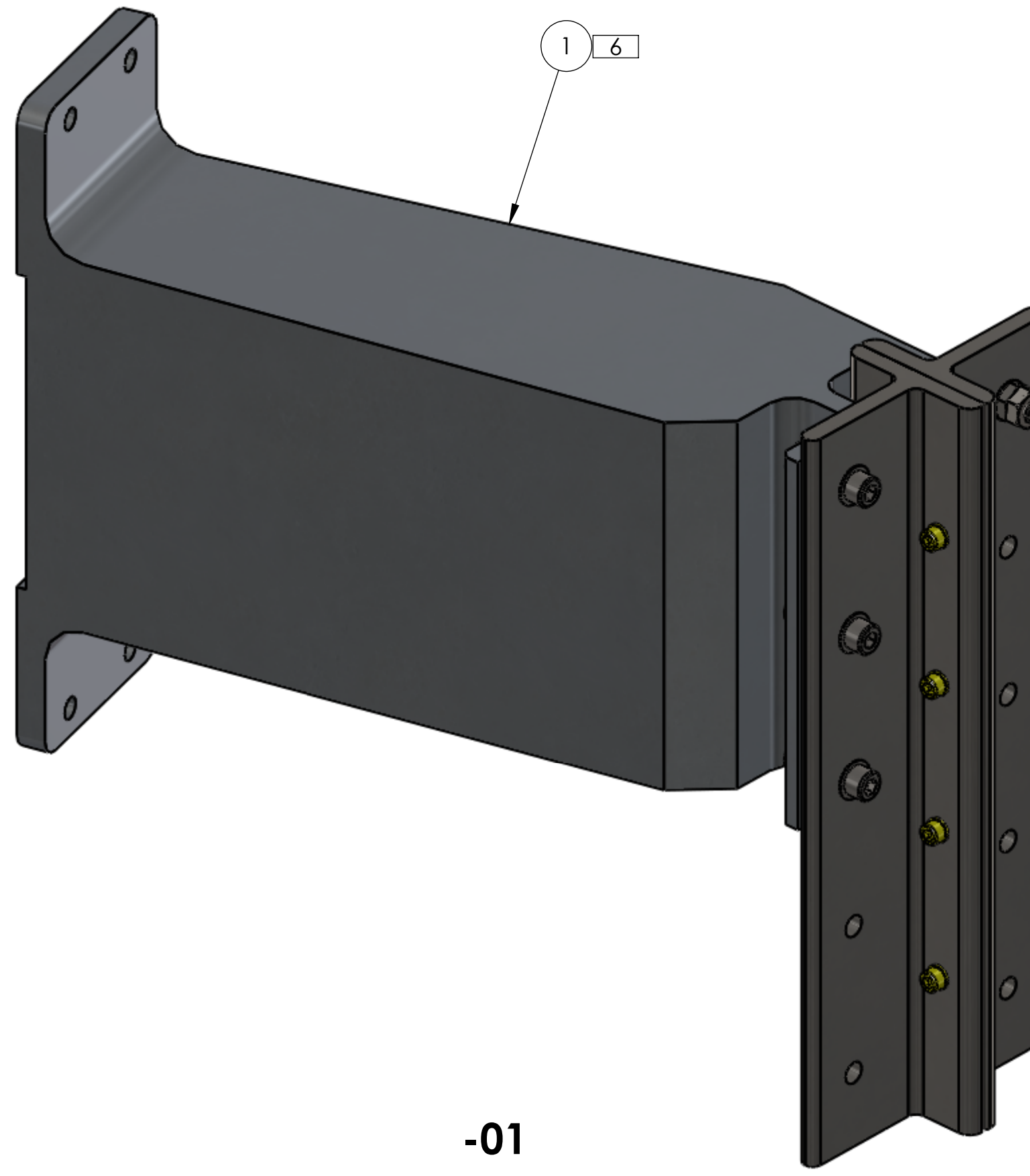
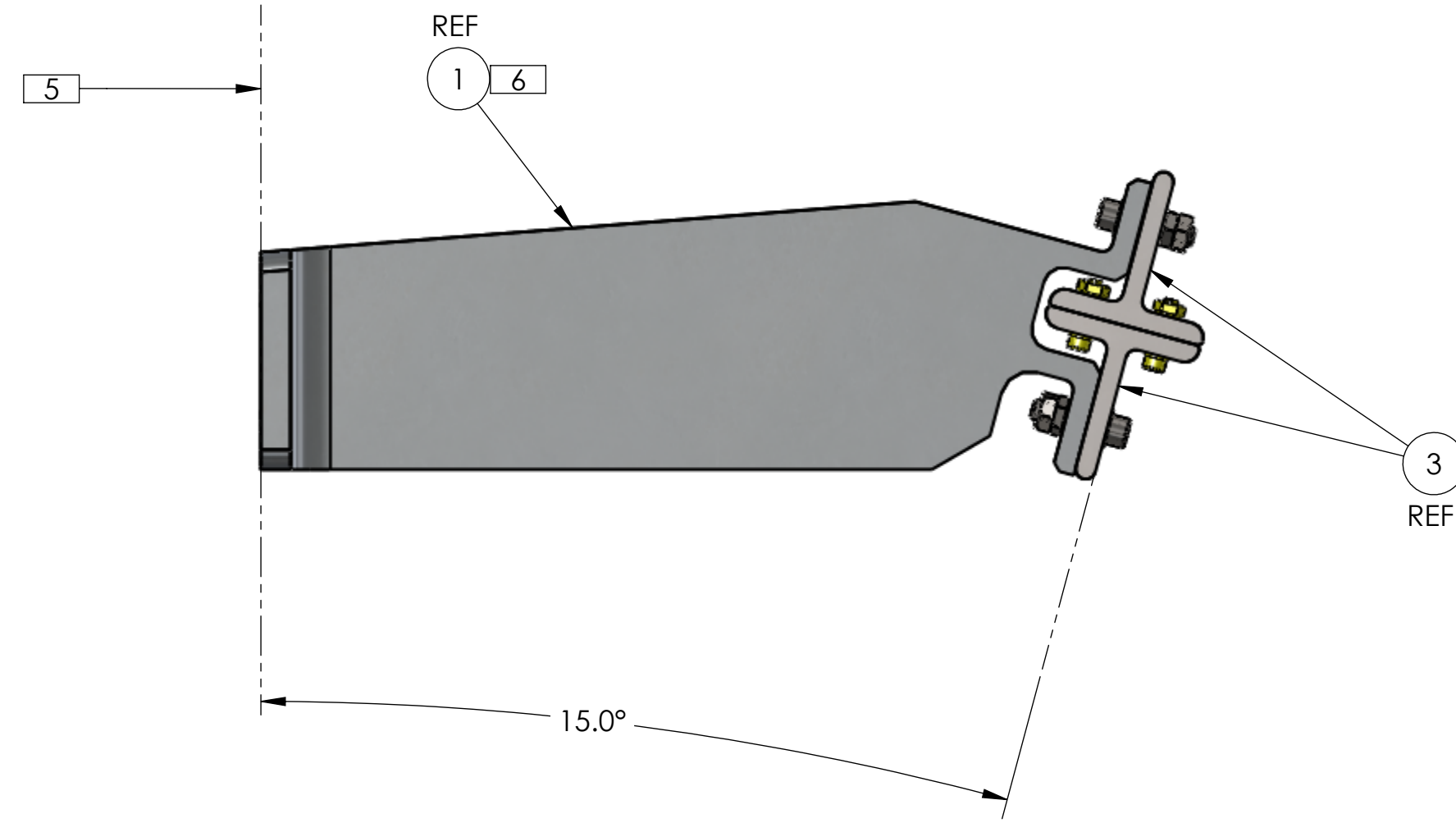


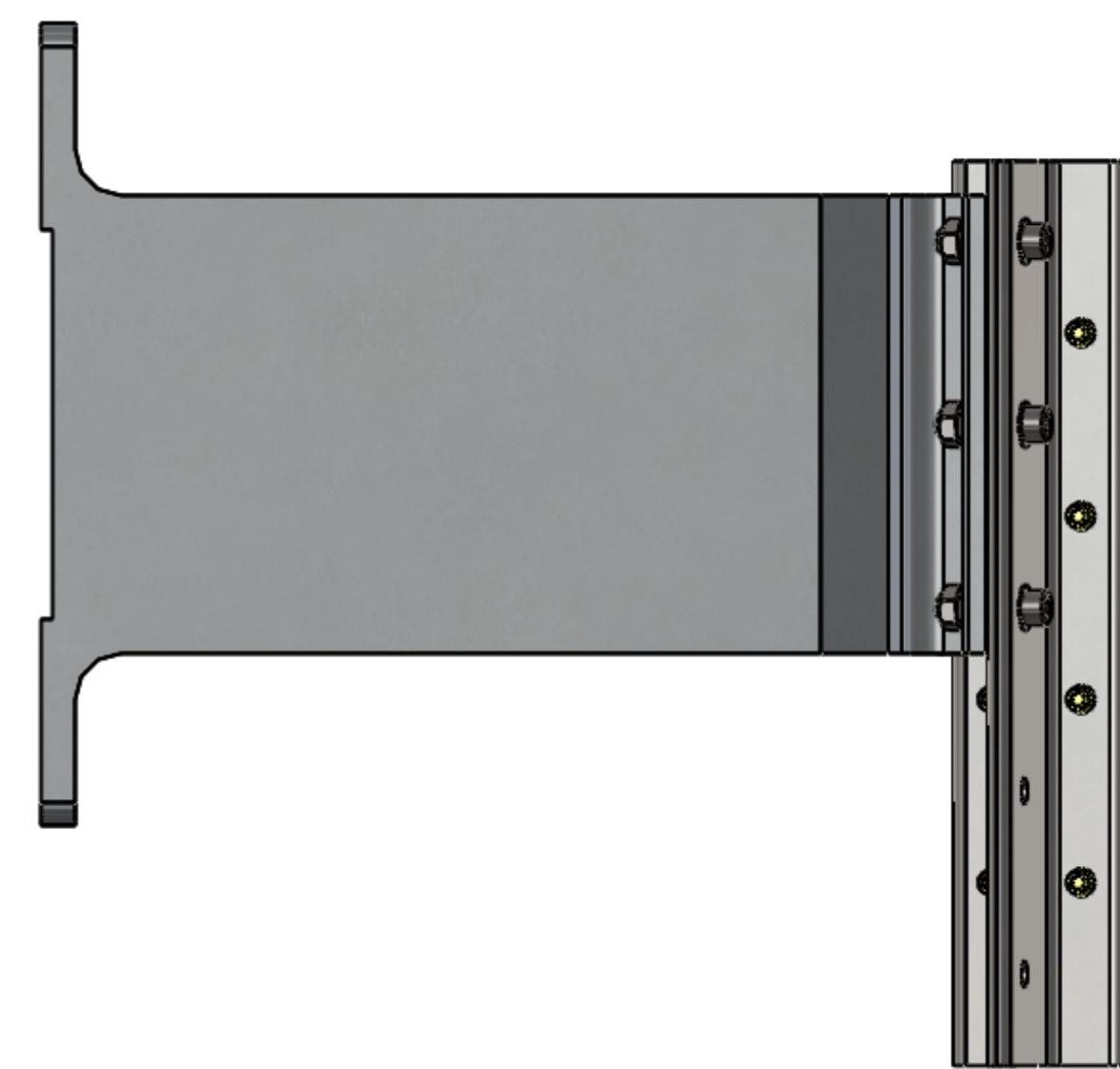
- NOTES CONTINUED:
- 5 INTERFACE PLANE TO ASSEMBLY D1102078.
 - 6 FOR ASSEMBLY D1102088-02 REPLACE D1101771-01 ITEM 1, WITH D1101771-02 ITEM 2.
 - 7 #8-32 TORQUE TO 20 in-lb, MAX.
 - 8 1/4-20 TORQUE TO 65 in-lb, MAX.

REV.	DATE	DCN #	DRAWING TREE #
v1	01-MAR-2012	E1101043-v1	E1101044-v1
-	-	-	-
-	-	-	-



-01

-02



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	D1102088-01/REQ	D1102088-02/REQ	SPARE	TOTAL
10	WF-08-A	WASHER, FLAT, #8, .169ID X .304OD X .032TK. U-C COMPONENTS	18-8 SSSL Au PLTD	16	16	4	20
9	N-832	HEX NUT, #8-32 UNC-3B. UC-COMPONENTS	18-8 SSSL	8	8	2	10
8	C-812-N	SSHC, #8-32 UNC-3A X 0.75 LG. UC-COMPONENTS	18-8 SSSL	8	8	2	10
7	WF-25-A	WASHER, FLAT, .255ID X .468OD X .032TK. UC COMPONENTS	18-8 SSSL Au PLTD	8	8	2	10
6	N-2520-A	NUT, HEX, 1/4-20 UNC-3B. UC-COMPONENTS	18-8 SSSL Au PLTD	4	4	1	5
5	NJ-2520	HEX JAM NUT, 1/4-20, UC COMPONENTS	18-8 SSSL	4	4	1	5
4	C-2016-N	SHCS, 1/4-20 UNC-2A X 1LG. UC-COMPONENTS	18-8 SSSL	4	4	1	5
3	D1101287-02	STANDARD T, SS 304, 2 X 2 X .25	AISI 304	2	2	0	2
2	D1101771-02	WEDGE SUPPORT, H1-L1, aLIGO TCS CO2P SM1	6061 Alloy	-	1	0	1
1	D1101771-01	WEDGE SUPPORT, H1-L1, aLIGO TCS CO2P SM1	6061 Alloy	1	-	0	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

- INTERPRET DRAWING PER ASME Y14.5-1994.
- REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

DIMENSIONS ARE IN INCHES

TOLERANCES:
 .XX ±
 .XXX ±

ANGULAR ± °

MATERIAL: N/A
 FINISH: N/A μinch
 NEXT ASSY: D1101013

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO
 SUB-SYSTEM: AOS

PART NAME: aLIGO, WEDGE SUPPORT ASSY, TCS STEER MIRROR 1

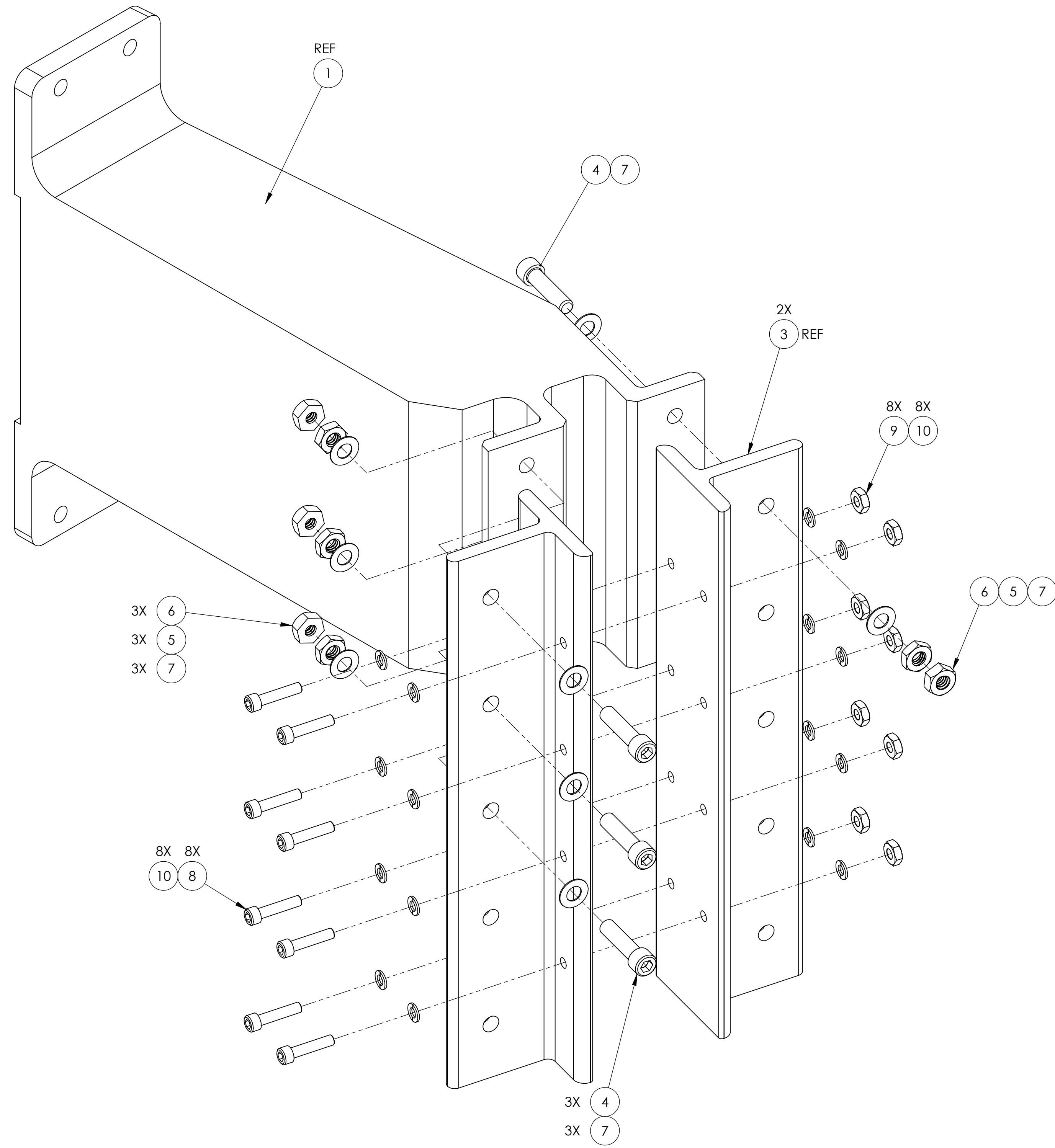
DESIGNER: M.JACOBSON
 DRAFTER: A.COLE
 CHECKER: J.LEWIS
 APPROVAL: A.BROOKS

DATE: OCT-27-2011
 DATE: 27-OCT-2011
 DATE: 01-MAR-2012
 DATE: 27-OCT-2011

SIZE: D
 DWG. NO.: D1102088
 SCALE: 1:2
 PROJECTION:

REV. v1
 SHEET 1 OF 2

D1102088-01.UGO.WEDGE SUPPORT ASSY, TCS STEER MIRROR 1, PART PDM REV. X-033, DRAWING PDM REV. X-025



-01
(REPLACE ITEM 1 WITH ITEM 2 FOR -02)

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE	DWG. NO.	v1
D	D1102088	
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2

D1102088.dwg WEDGE SUPPORT ASSY, TCS STEER MIRROR 1, PART PDM REV. X-033, DRAWING PDM REV. X-025