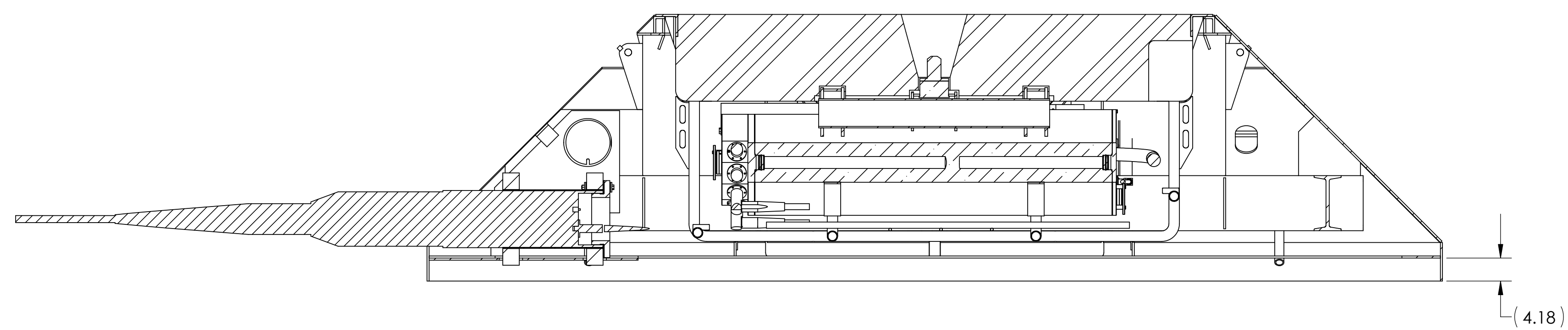
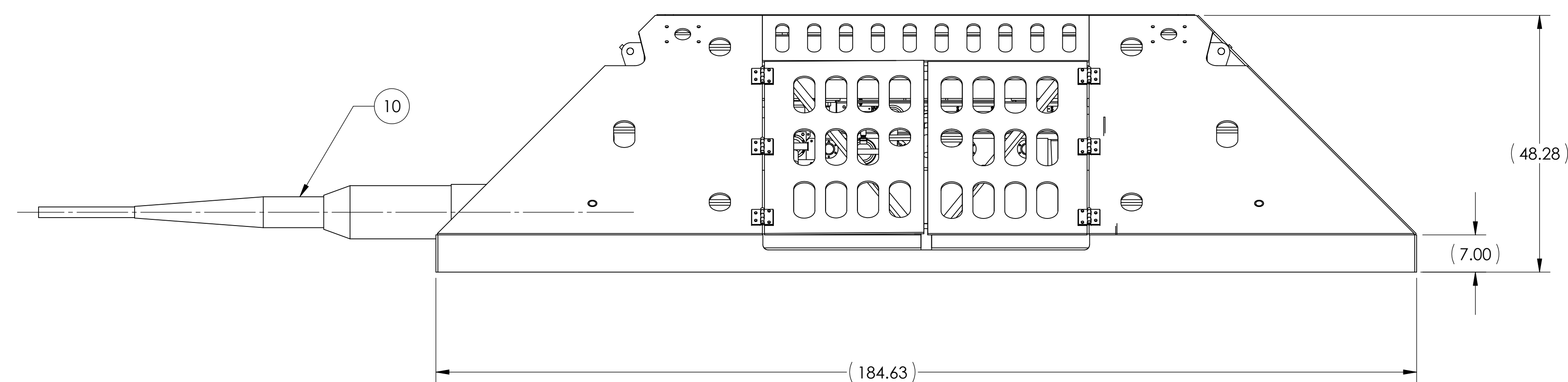


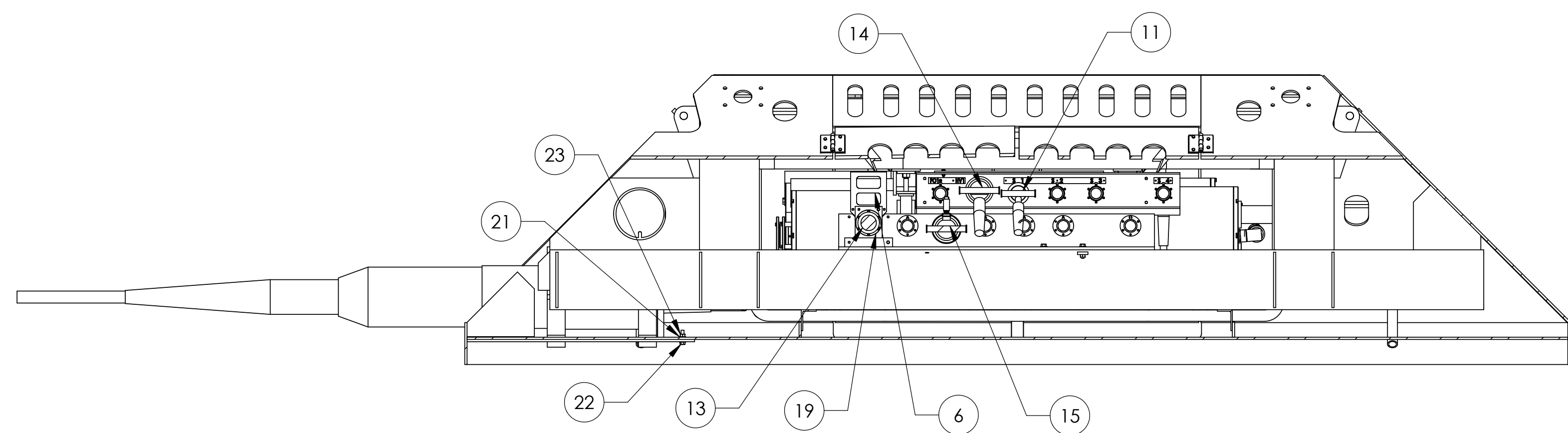
 CUSTOMER FURNISHED OR FOR REFERENCE ONLY.

2. USE PRIMER T AND LOCTITE 242 ON ALL THREADED FASTENERS.

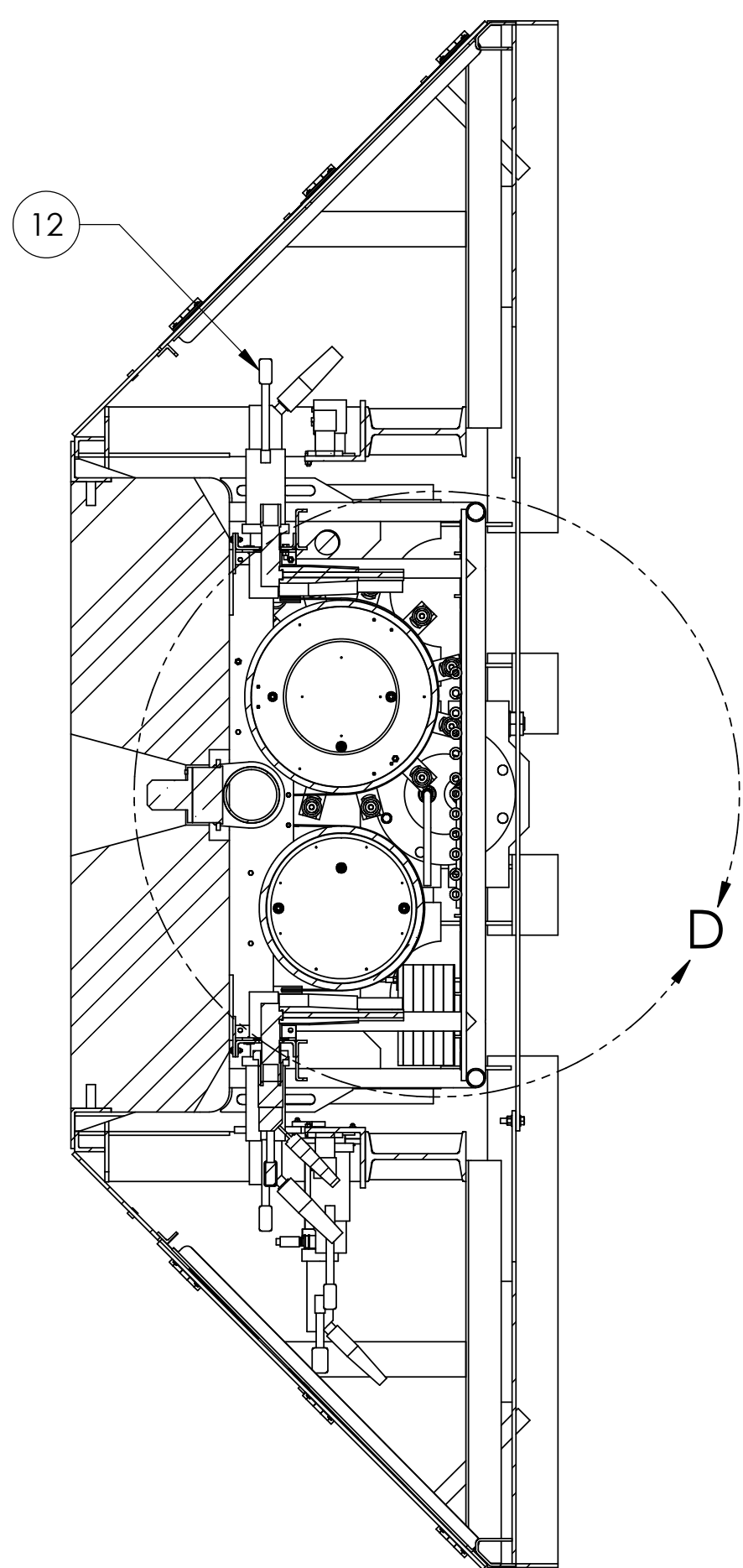
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE PER ECO 42552	03-FEB-05	KEEFER



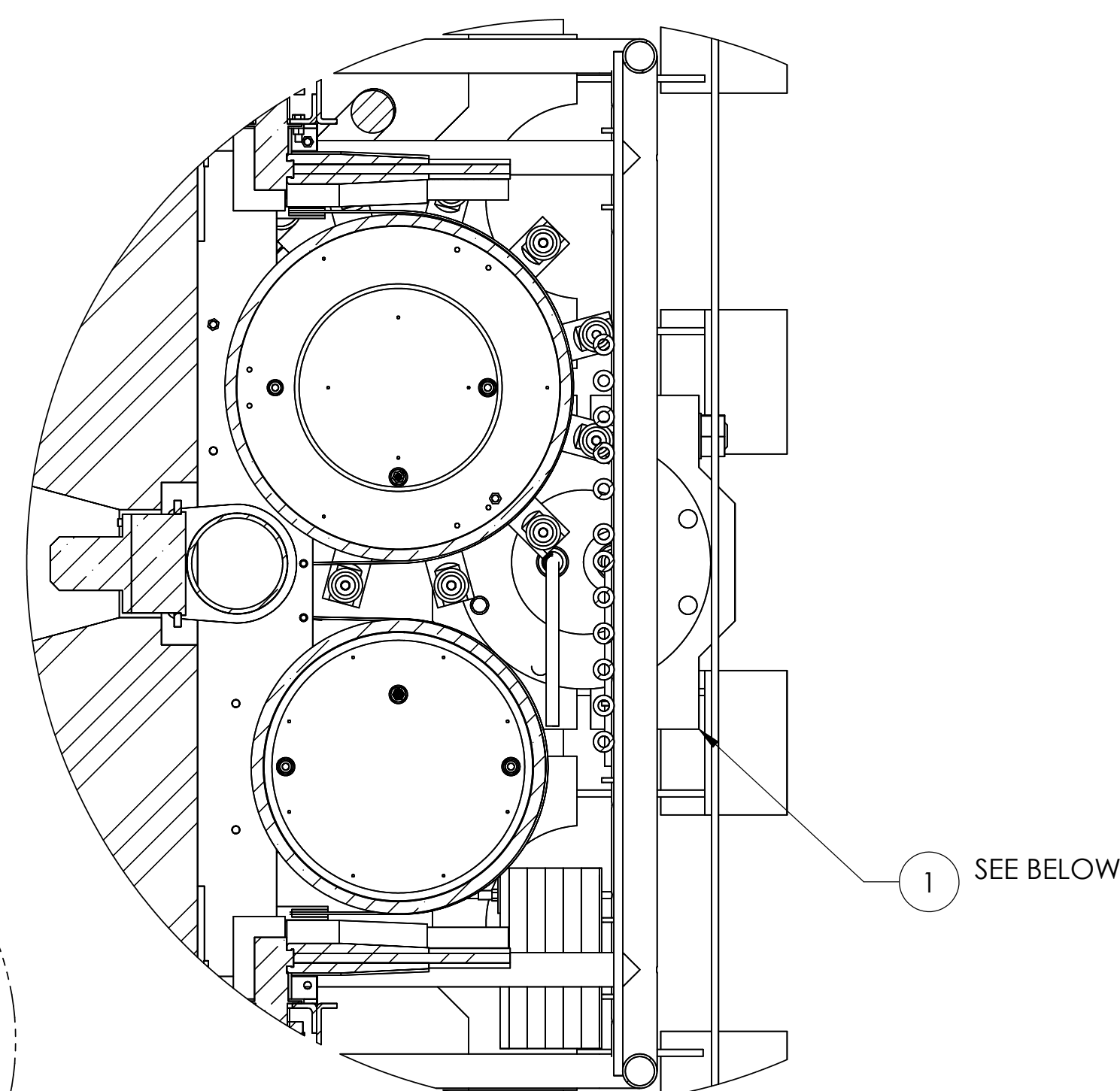
SECTION C-C



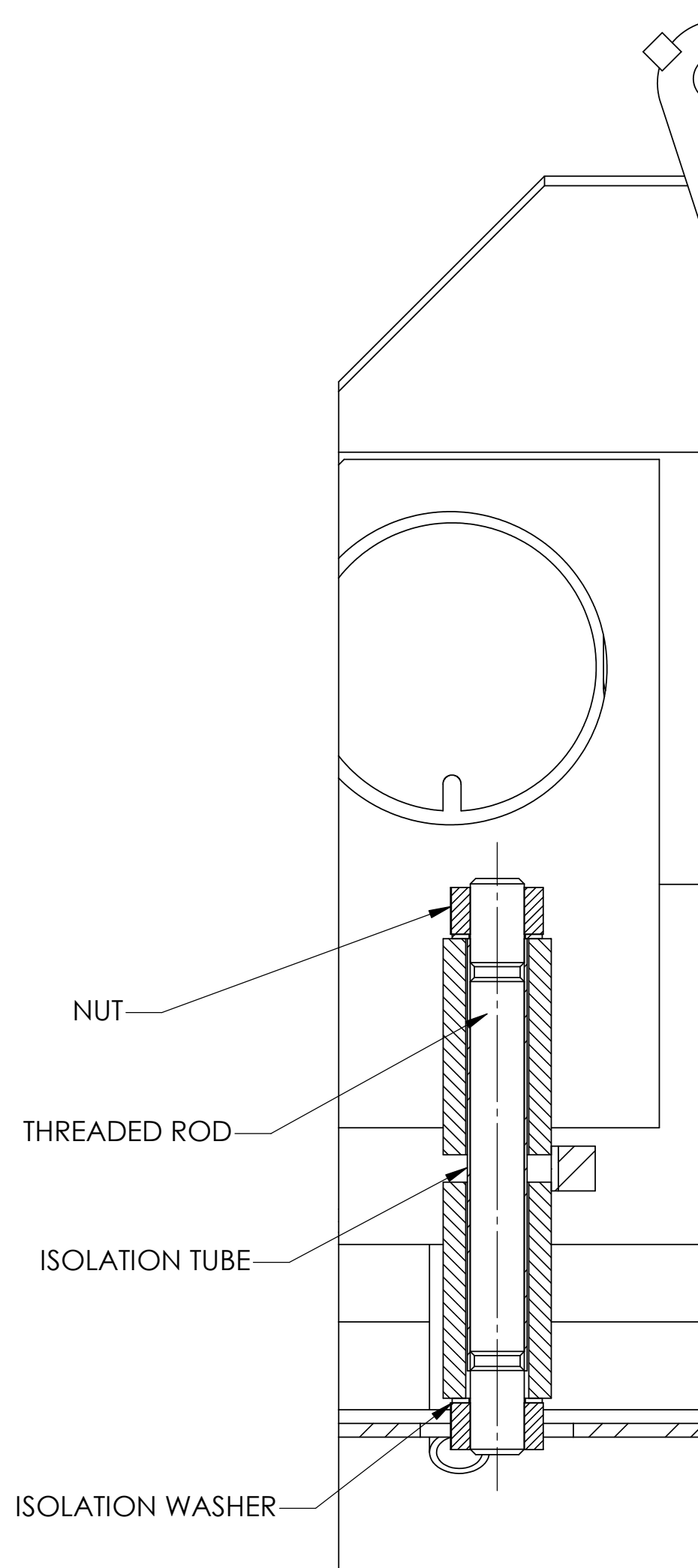
SECTION B-B



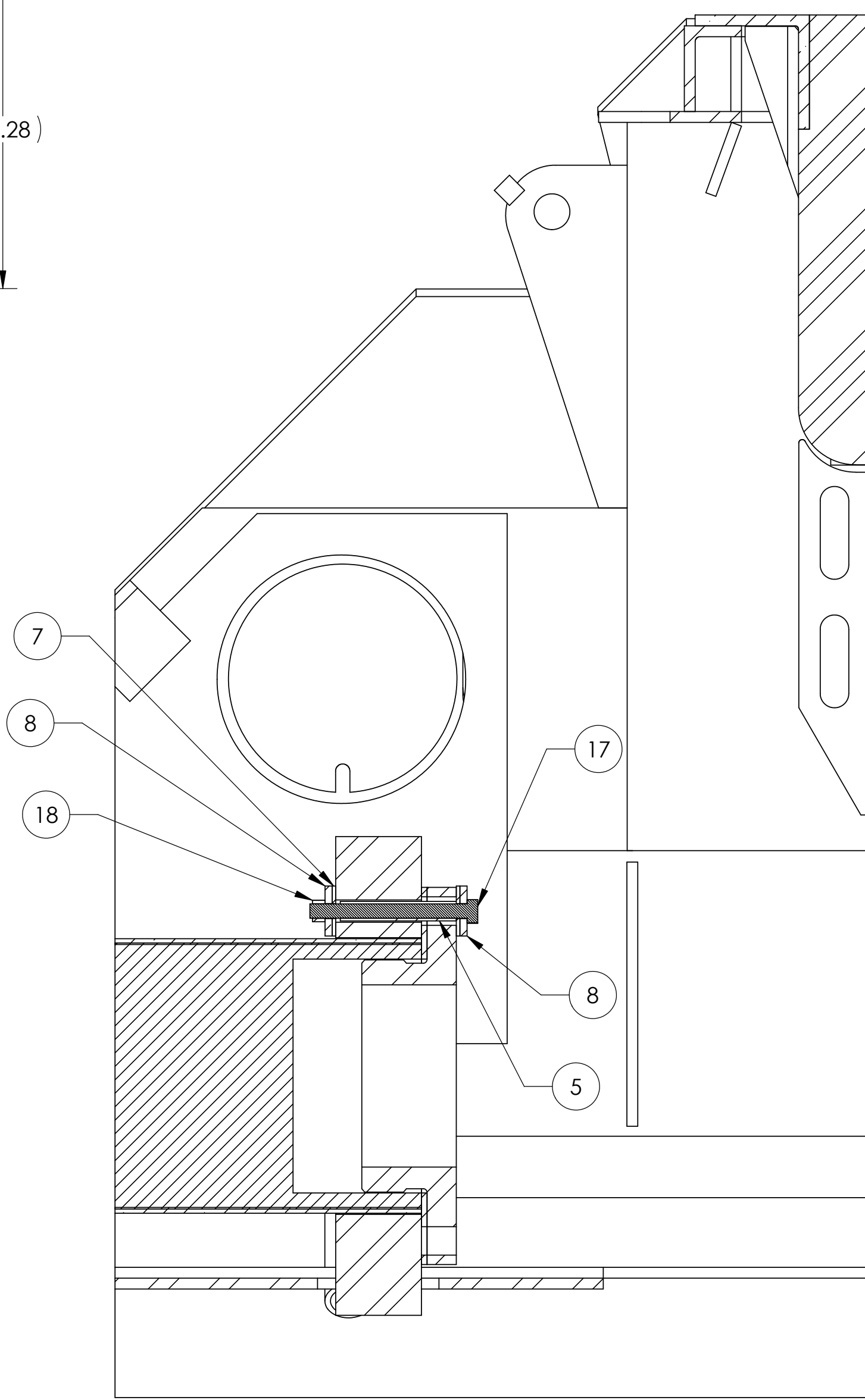
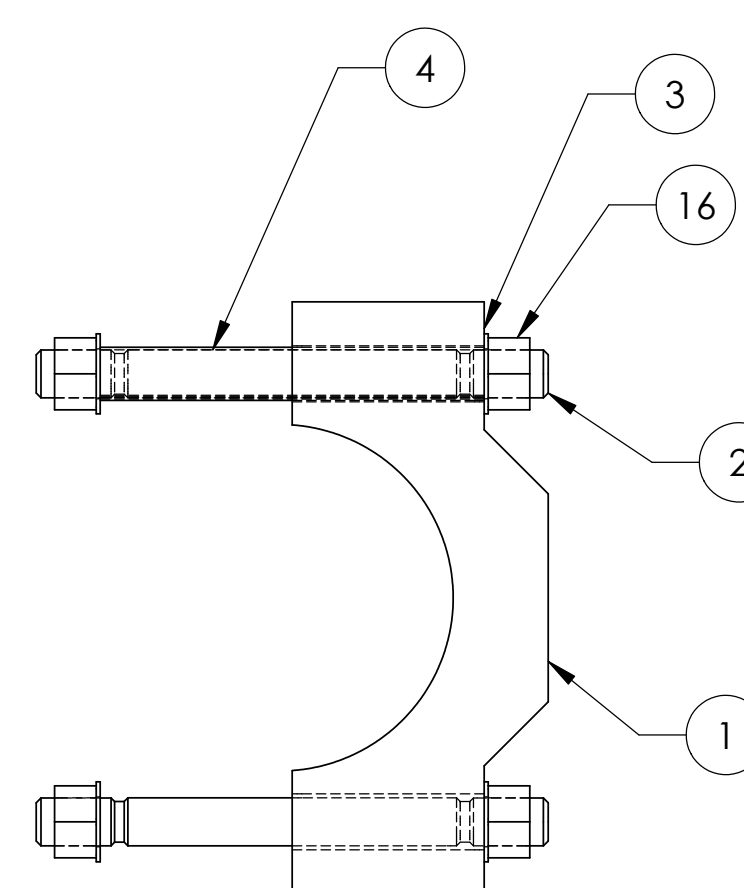
SECTION A-A



DETAIL D
SCALE 1 : 8



SECTION F-F
SCALE 1 : 4



SECTION E-E
SCALE 1 : 4

24	110436-001	ISOLATOR, CTA SADDLE CLAMP BONDSTRAND 2000 10"	1
23	90490A033	HEX NUT 1/2-13 UNC, GR 2 STEEL	4
22	91236A720	HEX HD CAP SCW 1/2-13 UNC X 2.00 L, GR 2 STEEL	4
21	90126A033	1/2 FLAT WASHER GR 2 STEEL	8
20	110505-100 XA	MARS NODE MODULE ASSEMBLY	
19	1029909	LOOPBACK	1
18	90545A034	HEX NUT, 1/2-13UNC, TITANIUM McMASTER-CARR	2
17	Ti HH SCR .500-13UNCX5.50 LG 6AL-4V	SCREW, HEX HEAD, 1/2-13 UNC X 5.50L, TITANIUM 6AL-4V	2
16	Ti NUT, 1-1.50-6UNC GR2	HEX NUT, 1-1/2-6UNC, TITANIUM CP GRADE 2	8
15	HV protective cap FLYING CONNECTOR		1
14	MirrorHV FLYING CONNECTOR AND CABLE REV3		1
13	FO2 FLYING CONNECTOR AND CABLE REV1 PER 18043E		1
12	HV FLYING CONNECTOR AND CABLE REV3		1
11	Connector 45 Degree Angle Rev 1		1
10	CTA Cable Termination		1
9	110507-100	MARS NODE BASE, TRF	1
8	110708-001 A	WASHER, THICK, ANTI-ROTATION BOLT	4
7	110707-001 A	WASHER, INSULATING, CTA ANTI-ROTATION BOLT	4
6	110706-100	LOOPBACK CARRIER	1
5	110705-001 A	ISOLATOR, CTA CLAMP ANTI-ROTATION BOLT	2
4	110704-001 A	ISOLATOR, CTA CLAMP THREADED ROD	4
3	110703-001 A	WASHER, INSULATING, CTA CLAMP NUT	8
2	110702-001 A	THREADED ROD, CTA CLAMP	4
1	110434-82	CTA CLAMP FRONT	2
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.

DO NOT SCALE DRAWING		QTY REQD		FROM NO.		PART OR PARTING NO.		NON-SCALE OR DESCRIPTION	
INTERPRET DIMENSIONS AND TOLERANCES USING ASME Y14.5M-1994								PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:									
CONTRACT NO.				APPROVALS		DATE		 MARS NODE - TOP ASSEMBLY	
ANGULAR ± .5°				DRAWN PD		10 NOV 04			
FRACTION 1/8				CHECKED					
DECIMAL X ± .06 XX ± .03 XXX ± .015				ISSUED		KEEFER			
Holes < Ø.500 = .006 = .001		FINISH						SIZE E CAGE CODE DWG NO. REV	
SURFACE ROUGHNESS 125μ						67914		110506 A	
BREAK EDGES .005-.020 CHAMFER OR RADIUS				ORIG RELEASE		03-FEB-05		SCALE 1:16 REF: NONE SHEET 1 OF 1	
FILED RADII .015 MAX									

SOLIDWORKS FILE: 110506 SH 1 REV A

DMC NO.	110506	REV	1	A
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