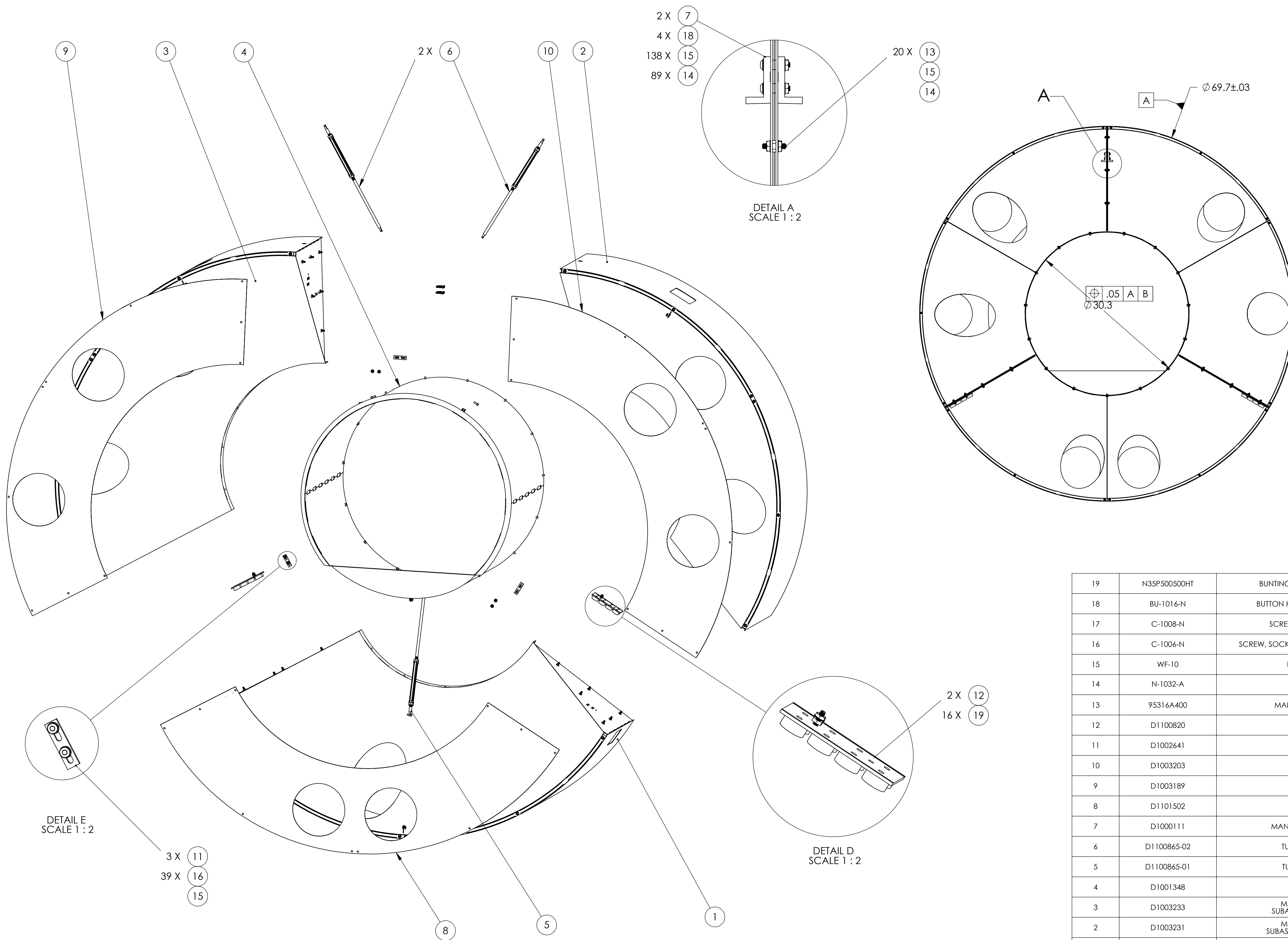


NOTES CONTINUED:
5. ASSEMBLY TO BE PERFORMED BY LIGO STAFF.

REV.	DATE	DCN #	DRAWING TREE #
v1	1 AUG 2011	E1000360-v2	-
-	-	-	-
-	-	-	-



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.	SPARE	TOTAL
19	N35P500500HT	BUNTING MAGNETIC-NEODYMIUM 1.00D X .50H	NEO 35	16		0
18	BU-1016-N	BUTTON HEAD SOCKET CAP SCREW, #10-32 x 1" L	18-8 SSSTL	4		0
17	C-1008-N	SCREW SOCKET HEAD CAP_ 10-32 x 1/2" L	18-8 SSSTL	6		0
16	C-1006-N	SCREW, SOCKET HEAD CAP, #10-32 UNC-2A X 0.375 LONG	18-8 SSSTL	39		0
15	WF-10	FLAT WASHER .. #10 SCREW SIZE	18-8 SSSTL	138		0
14	N-1032-A	HEX NUT, 10-32 THRD SIZE	Ag-PLATED 300 SSSTL	89		0
13	95316A400	MALE-MALE THREADED ADAPTER 10-32	18-8 SSSTL	20		0
12	D1100820	LOWER MAGNET PLATE	430F SSSTL	2		0
11	D1002641	HALF FACE BRACKET	6061-T6 Al	3		0
10	D1003203	FACE PLATE B, ETM XY	18GA A424 TYPE 1 STEEL	1		0
9	D1003189	FACE PLATE A, ETM XY	18GA A424 TYPE 1 STEEL	1		0
8	D1101502	LOWER FACE PLATE, ETM XY	18GA A424 TYPE 1 STEEL	1		0
7	D1000111	MANIFOLD CRYO MUSIC WIRE ADJ BRKT	304, 316 OR 302 SSSTL	2		0
6	D1100865-02	TURN BUCKLE ASSY_SHORT LENGTH	N/A	2		0
5	D1100865-01	TURN BUCKLE ASSY_LONG LENGTH	N/A	1		0
4	D1001348	MANIFOLD-CRYO BAFFLE CYLINDER-SCRAPER ASSEMBLY	N/A	1		0
3	D1003233	MANIFOLD-CRYO BAFFLE SEGMENT SUBASSEMBLY WELDMNT, ETMY H1, LEFT	N/A	1		0
2	D1003231	MANIFOLD CRYO BAFFLE SEGMENT SUBASSEMBLY WELDMNT, ETMY H1, RIGHT	N/A	1		0
1	D1003229	MANIFOLD -CRYO BAFFLE SEGMENT SUBASSEMBLY WELDMNT, ETMY H1, BOTTOM	N/A	1		0

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, R.02 MIN.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

DIMENSIONS ARE IN INCHES
TOLERANCES:
.X ± .1
.XX ± .06
.XXX ± .010
ANGULAR ± 1.0°

MATERIAL N/A
FINISH N/A μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO SUB-SYSTEM AOS
NEXT ASSY D1003228

PART NAME MANIFOLD-CRYOPUMP BAFFLE RADIAL SEGMENT ASSY, ETM Y

DESIGNER TQ. NGUYEN 16 DEC 2010
DRAFTER TQ. NGUYEN 18 AUG 2010
CHECKER M. SMITH
APPROVAL D. COYNE

SIZE DWG. NO. D D1003227
SCALE: 1:12 PROJECTION: SHEET 1 OF 1

REV. v1

D1003227.dwg, ACS, Manifold-Cryo Baffle, Radial Segment Assy, PART PDM REV: X013, DRAWING PDM REV: X003