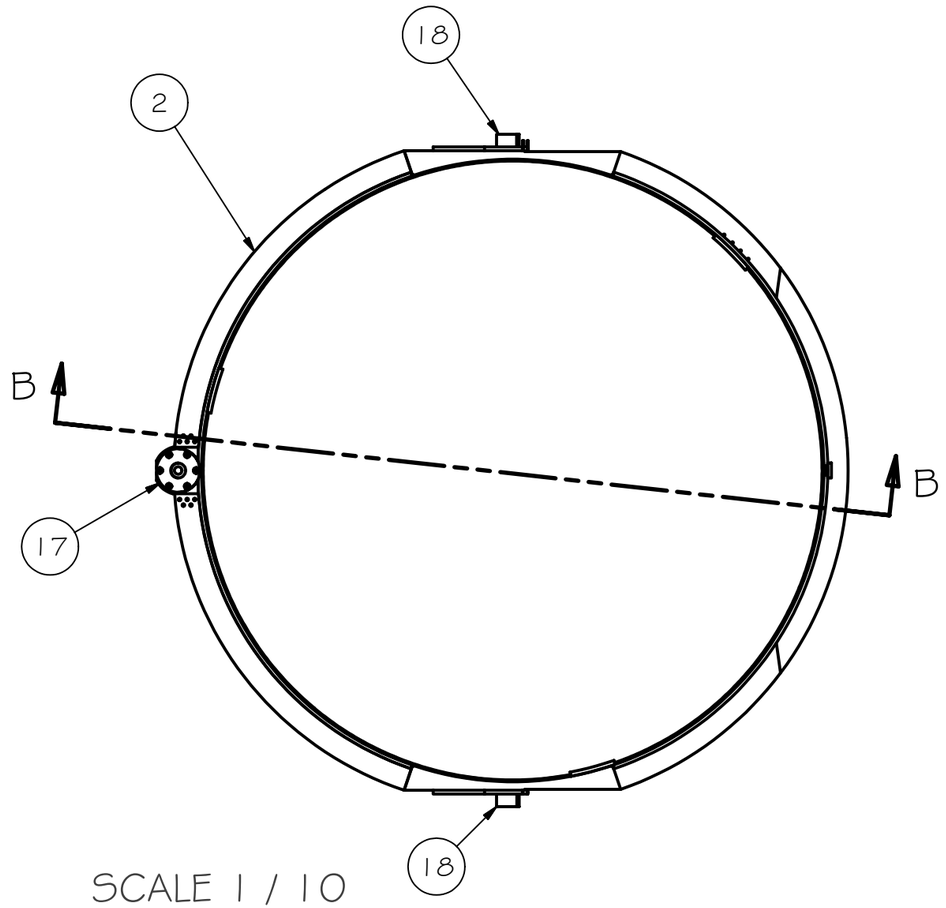
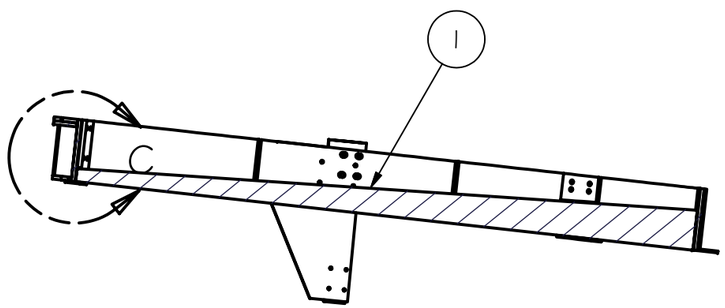
REV	DRWN	CHK'D	DATE	DESCRIPTION
B	VRW	VRW	12/17/04	ADD A2049, SHEETS 2 & 3
C	VRW	VRW	5/17/05	CORRECT PRISM OFFSET



SCALE 1 / 10



SECTION B-B
SCALE 1 / 10

NOTES:
1) GLUE ITEMS 3, 13, 14 & 15 IN POSITION WITH CYANOACRYLATE GLUE

Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	A2012	OPTIC ASSEMBLY
2	1	A2020	CELL WELDMENT, FORWARD
3	3	A2040	O-RING SECTION
4	3	A2044	RETAINER, OPTIC, FWD
5	3	A2045	AXIAL SPACER, FWD
6	1	A2046	FIDUCAL TAB, LONG
7	1	A2047	FIDUCAL TAB, SHORT
8	1	A2049	FLANGE, DRIVE, FWD
9	1	A2053	AXIAL CLAMP, FWD
10	1	A2054	AXIAL CLAMP, FWD
11	1	A2055	AXIAL CLAMP, FWD
12	1	A2057	SLIDE MOUNT, FWD, LEFT
13	1	A2058	SLIDE MOUNT, FWD, RIGHT
14	1	A2064	RADIAL SPACER, FWD
15	1	A2065	RADIAL SPACER, FWD
16	1	A2066	RADIAL SPACER, FWD
17	1	BALL NUT	THK BNF-2505-5
18	4	BALL SLIDE	THK SHS-20-V SLIDE

TOLERANCES UNLESS OTHERWISE NOTED:
FRACTIONAL: 0"-6": ±1/64" 6"-24": ±1/32"
24"+: ±1/16"
DECIMAL: X.X: ±0.1000" X.XX: ±0.0100"
X.XXX: ±0.0050" X.XXXX: ±0.0001"
ANGLES: ±0.5° FINISH: 125 MICRO INCHES
BREAK ALL SHARP EDGES & CORNERS 1/64" MAX

MATERIAL | FINISH

LICK OBSERVATORY

DRAWN	vernon	7/22/2003
CHECKED		
DESIGNED	vernon	
ENGINEER		

QTY: 1

Cassegrain ADC

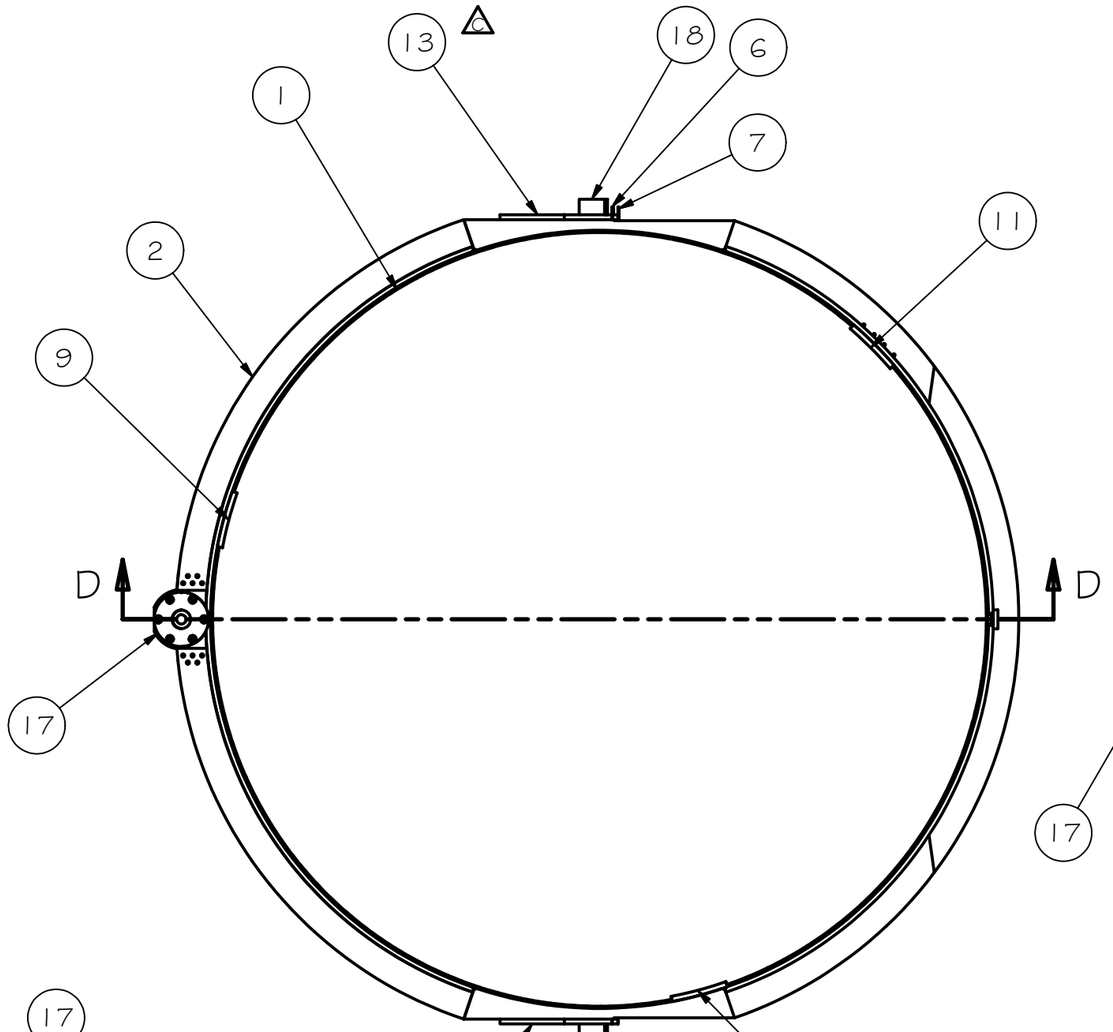
TITLE: CELL ASSEMBLY, FORWARD

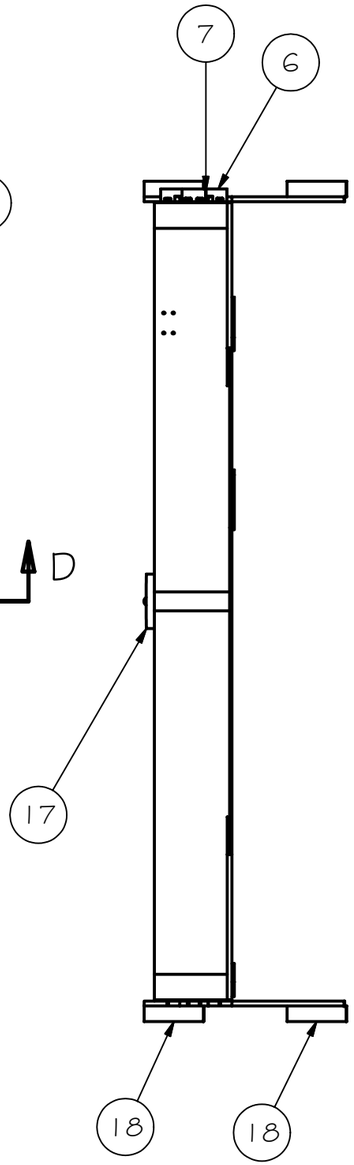
PROJECT CODE | DWG NO: A2001 | REV: C

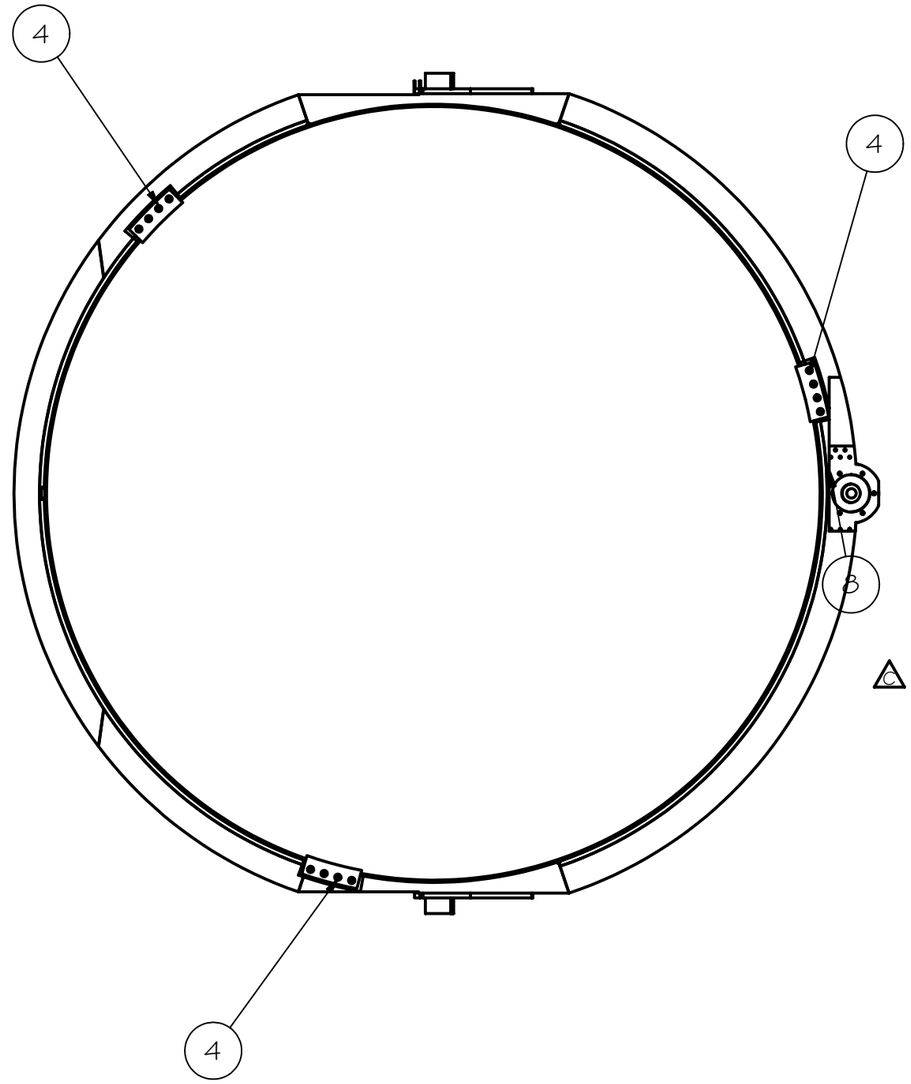
NEXT ASS'Y: A0001

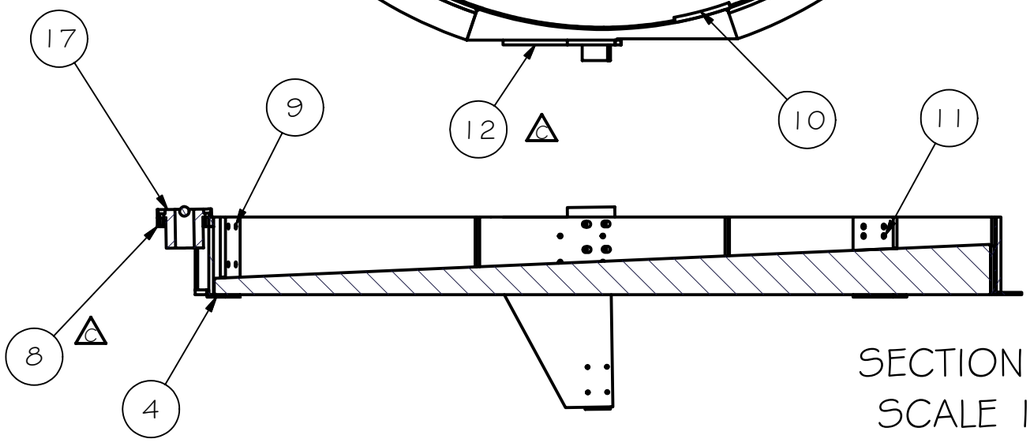
SHEET 1 / 3

REV	DRWN	CHK'D	DATE	DESCRIPTION









SECTION D-D
SCALE 1 / 8

TOLERANCES UNLESS OTHERWISE NOTED:
FRACTIONAL: 0"-6": ±1/64" 6"-24": ±1/32"
24"+: ±1/16"
DECIMAL: X.X: ±0.1000" X.XX: ±0.0100"
X.XXX: ±0.0050" X.XXXX: ±0.0001"
ANGLES: ±0.5° FINISH: 125 MICRO INCHES
BREAK ALL SHARP EDGES & CORNERS 1/64" MAX

MATERIAL | FINISH

LICK OBSERVATORY

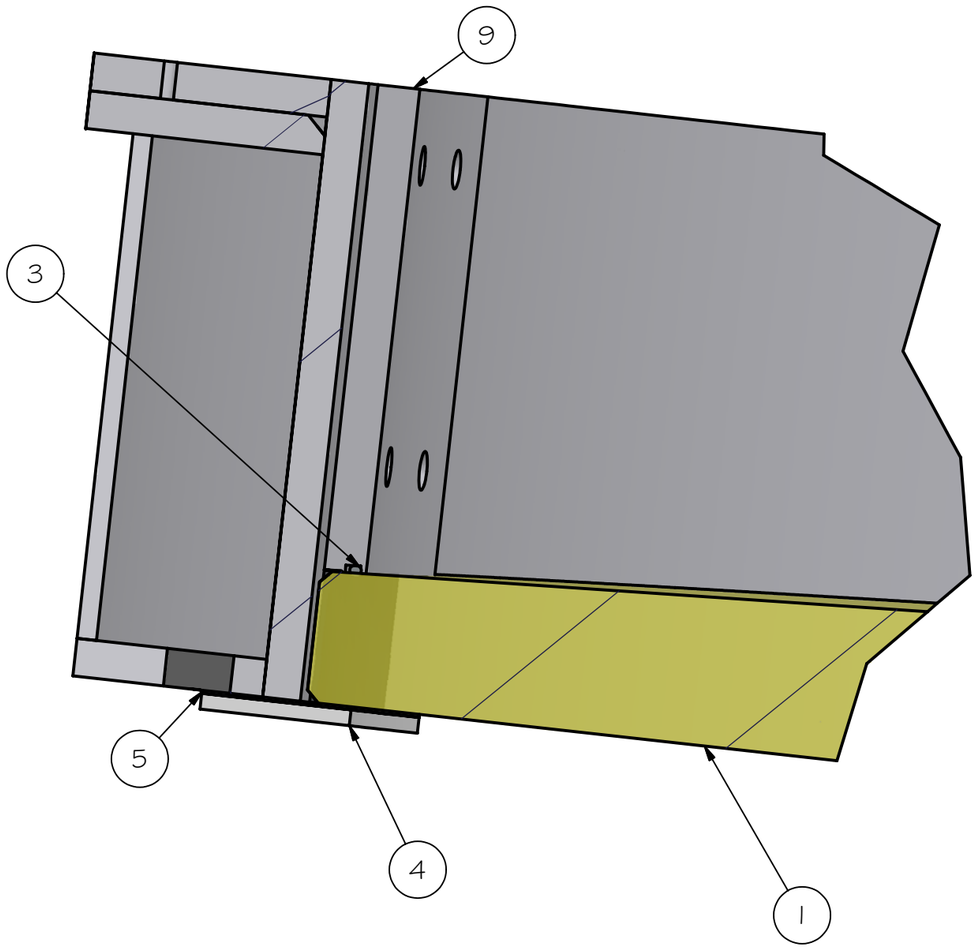
DRAWN vernon 7/22/2003
CHECKED
DESIGNED vernon
ENGINEER

Cassegrain ADC

TITLE: CELL ASSEMBLY, FORWARD

PROJECT CODE | DWG NO A2001 | REV C
NEXT ASS'Y A0001 | 2/3

REV	DRWN	CHK'D	DATE	DESCRIPTION



TYPICAL PRISM MOUNT DETAIL

DETAIL C
SCALE 1 : 1

TOLERANCES UNLESS OTHERWISE NOTED:
FRACTIONAL: 0"-6": ±1/64" 6"-24": ±1/32"
24"+: ±1/16"
DECIMAL: X.X: ±0.1000" X.XX: ±0.0100"
X.XXX: ±0.0050" X.XXXX: ±0.0001"
ANGLES: ±0.5° FINISH: 125 MICRO INCHES
BREAK ALL SHARP EDGES & CORNERS 1/64" MAX

MATERIAL | FINISH

LICK OBSERVATORY

DRAWN vernon 7/22/2003
CHECKED
DESIGNED vernon
ENGINEER

Cassegrain ADC

TITLE: CELL ASSEMBLY, FORWARD

PROJECT CODE | DWG NO A2001 | REV C
NEXT ASS'Y A0001 | 3/3