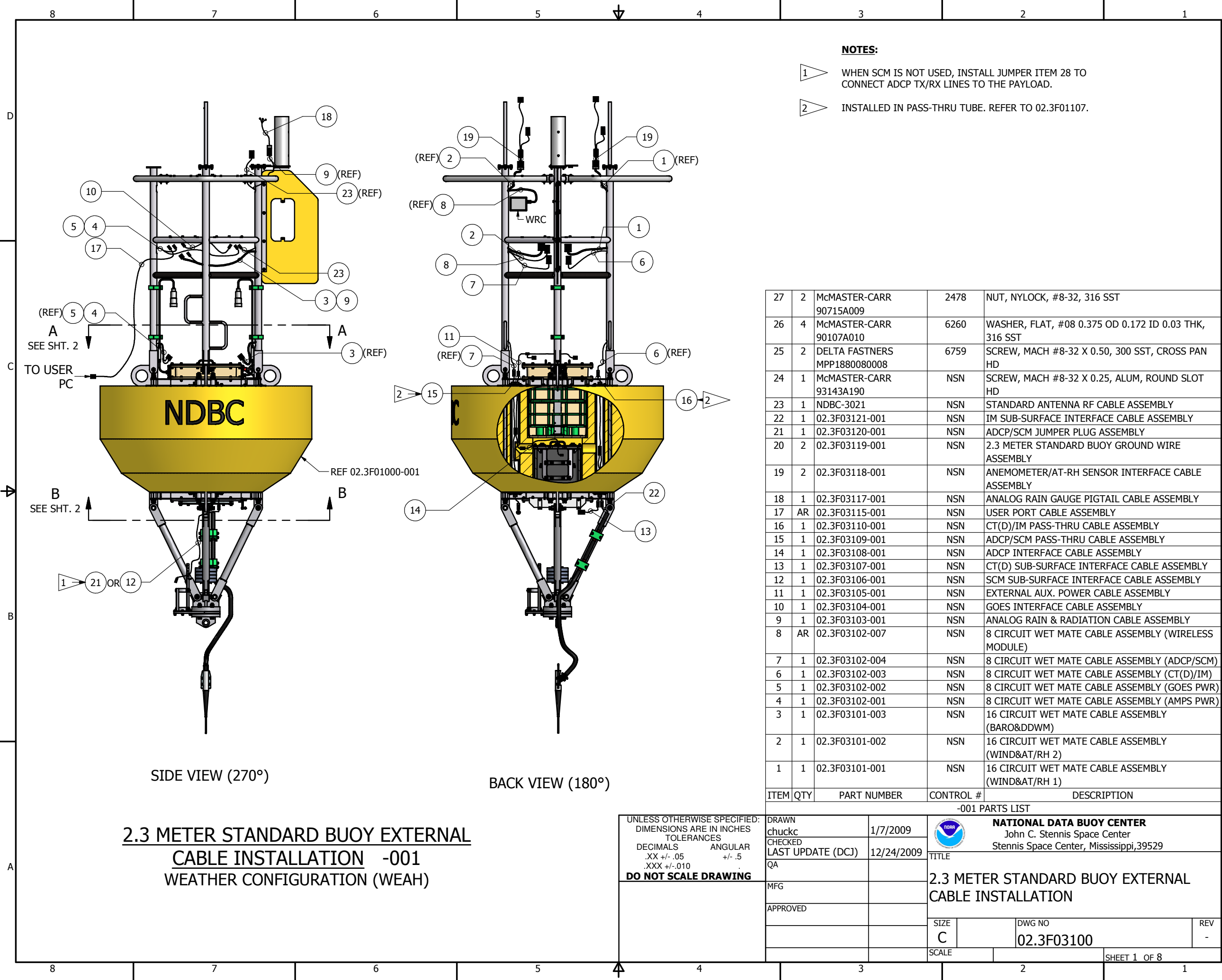




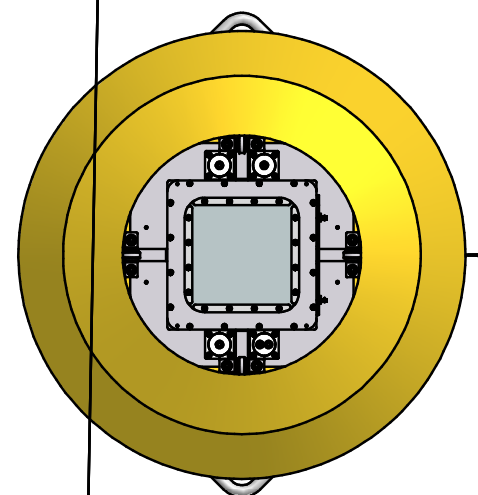
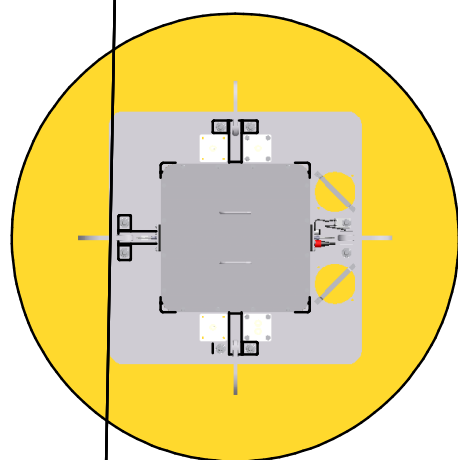
NOTES:

- 1 WHEN SCM IS NOT USED, INSTALL JUMPER ITEM 28 TO CONNECT ADCP TX/RX LINES TO THE PAYLOAD.
- 2 INSTALLED IN PASS-THRU TUBE. REFER TO 02.3F01107.

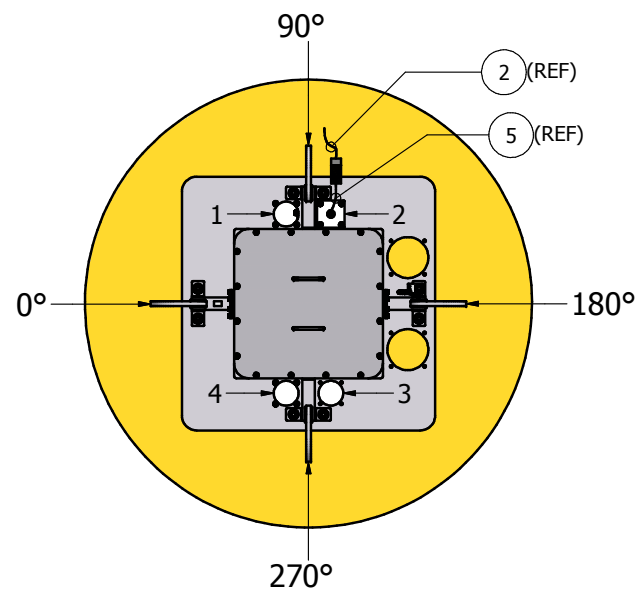
27	2	McMASTER-CARR 90715A009	2478	NUT, NYLOCK, #8-32, 316 SST
26	4	McMASTER-CARR 90107A010	6260	WASHER, FLAT, #08 0.375 OD 0.172 ID 0.03 THK, 316 SST
25	2	DELTA FASTNERS MPP1880080008	6759	SCREW, MACH #8-32 X 0.50, 300 SST, CROSS PAN HD
24	1	McMASTER-CARR 93143A190	NSN	SCREW, MACH #8-32 X 0.25, ALUM, ROUND SLOT HD
23	1	NDBC-3021	NSN	STANDARD ANTENNA RF CABLE ASSEMBLY
22	1	02.3F03121-001	NSN	IM SUB-SURFACE INTERFACE CABLE ASSEMBLY
21	1	02.3F03120-001	NSN	ADCP/SCM JUMPER PLUG ASSEMBLY
20	2	02.3F03119-001	NSN	2.3 METER STANDARD BUOY GROUND WIRE ASSEMBLY
19	2	02.3F03118-001	NSN	ANEMOMETER/AT-RH SENSOR INTERFACE CABLE ASSEMBLY
18	1	02.3F03117-001	NSN	ANALOG RAIN GAUGE PIGTAIL CABLE ASSEMBLY
17	AR	02.3F03115-001	NSN	USER PORT CABLE ASSEMBLY
16	1	02.3F03110-001	NSN	CT(D)/IM PASS-THRU CABLE ASSEMBLY
15	1	02.3F03109-001	NSN	ADCP/SCM PASS-THRU CABLE ASSEMBLY
14	1	02.3F03108-001	NSN	ADCP INTERFACE CABLE ASSEMBLY
13	1	02.3F03107-001	NSN	CT(D) SUB-SURFACE INTERFACE CABLE ASSEMBLY
12	1	02.3F03106-001	NSN	SCM SUB-SURFACE INTERFACE CABLE ASSEMBLY
11	1	02.3F03105-001	NSN	EXTERNAL AUX. POWER CABLE ASSEMBLY
10	1	02.3F03104-001	NSN	GOES INTERFACE CABLE ASSEMBLY
9	1	02.3F03103-001	NSN	ANALOG RAIN & RADIATION CABLE ASSEMBLY
8	AR	02.3F03102-007	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (WIRELESS MODULE)
7	1	02.3F03102-004	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (ADCP/SCM)
6	1	02.3F03102-003	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (CT(D)/IM)
5	1	02.3F03102-002	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (GOES PWR)
4	1	02.3F03102-001	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (AMPS PWR)
3	1	02.3F03101-003	NSN	16 CIRCUIT WET MATE CABLE ASSEMBLY (BARO&DDWM)
2	1	02.3F03101-002	NSN	16 CIRCUIT WET MATE CABLE ASSEMBLY (WIND&AT/RH 2)
1	1	02.3F03101-001	NSN	16 CIRCUIT WET MATE CABLE ASSEMBLY (WIND&AT/RH 1)
ITEM QTY		PART NUMBER	CONTROL #	DESCRIPTION

-001 PARTS LIST

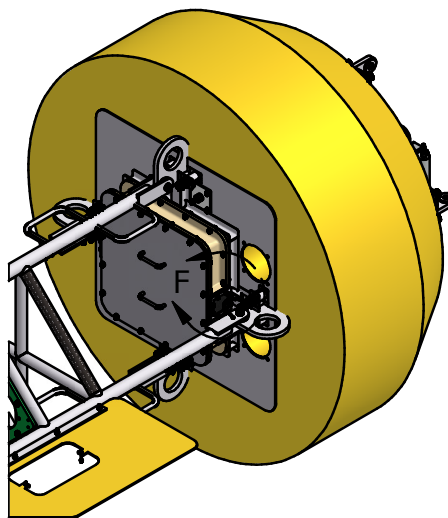
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .XX +/- .05 ANGULAR .XXX +/- .010 DO NOT SCALE DRAWING	DRAWN chuckc 1/7/2009 CHECKED LAST UPDATE (DCJ) 12/24/2009 QA MFG APPROVED	 NATIONAL DATA BUOY CENTER John C. Stennis Space Center Stennis Space Center, Mississippi, 39529
TITLE 2.3 METER STANDARD BUOY EXTERNAL CABLE INSTALLATION		REV -
SIZE C		DWG NO 02.3F03100
SCALE		SHEET 1 OF 8



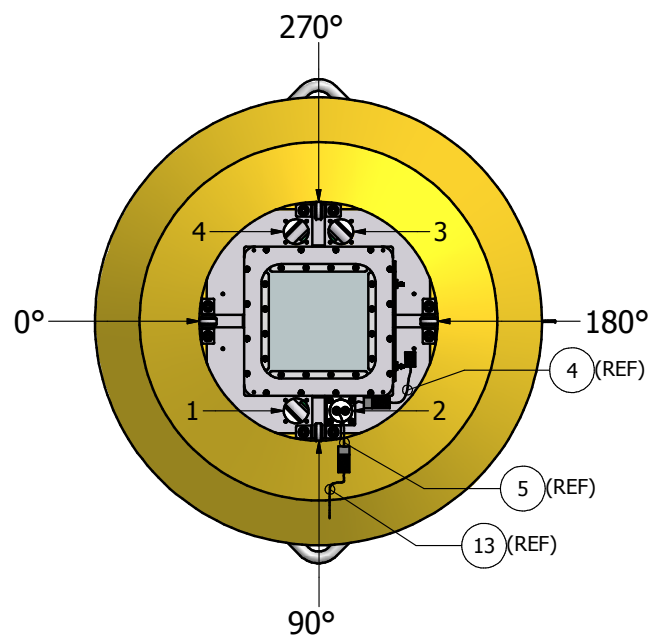
VIEW B-B
FROM SHT. 1
BRIDLE REMOVED



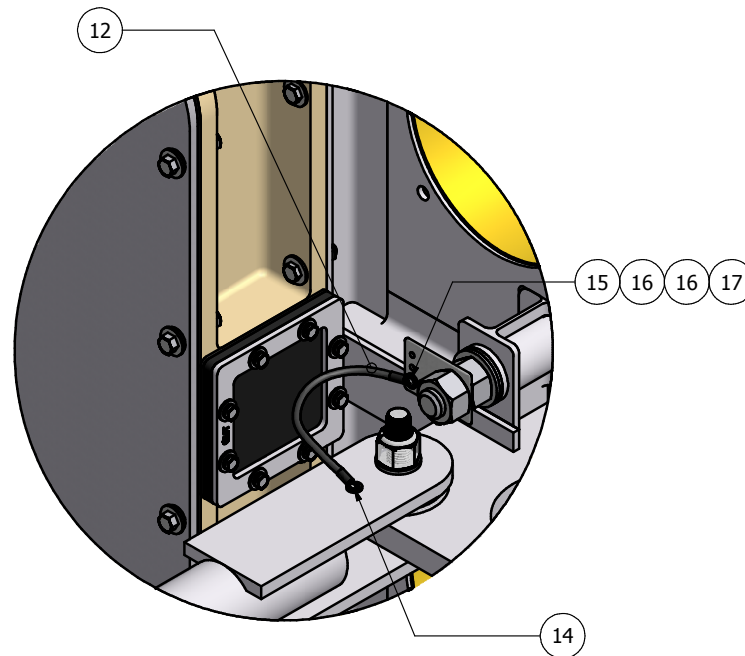
VIEW D-D
FROM SHT. 3
TOWER REMOVED



PROJECTION OF VIEW D

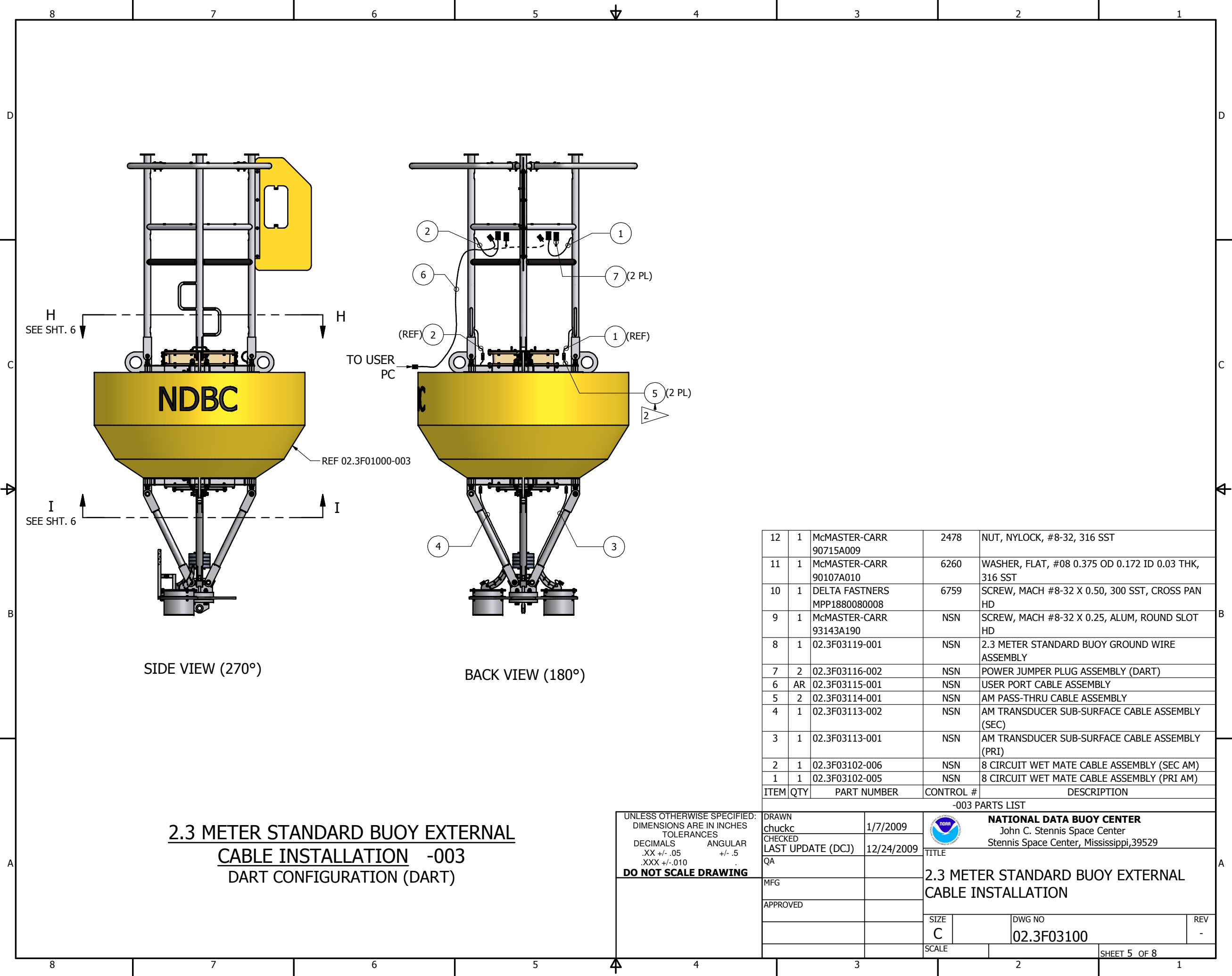


VIEW E-E
FROM SHT. 3
BRIDLE REMOVED



DETAIL F
GROUND WIRE
INSTALLATION

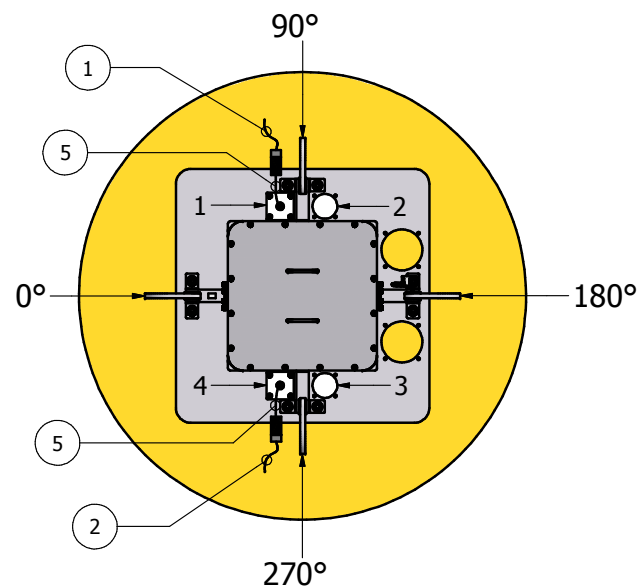
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .XX +/- .05 ANGULAR +/- .5 .XXX +/- .010 DO NOT SCALE DRAWING	DRAWN chuckc	1/7/2009	 NATIONAL DATA BUOY CENTER John C. Stennis Space Center Stennis Space Center, Mississippi, 39529
	CHECKED LAST UPDATE (DCJ)	12/24/2009	
	QA		TITLE
	MFG		2.3 METER STANDARD BUOY EXTERNAL CABLE INSTALLATION
	APPROVED		
	SIZE C	DWG NO 02.3F03100	REV -
	SCALE	SHEET 4 OF 8	



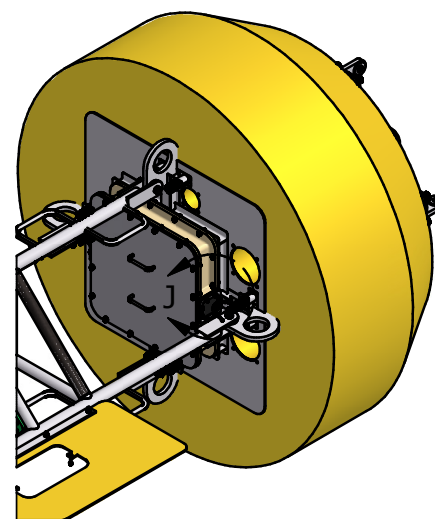
12	1	McMASTER-CARR 90715A009	2478	NUT, NYLOCK, #8-32, 316 SST
11	1	McMASTER-CARR 90107A010	6260	WASHER, FLAT, #08 0.375 OD 0.172 ID 0.03 THK, 316 SST
10	1	DELTA FASTNERS MPP1880080008	6759	SCREW, MACH #8-32 X 0.50, 300 SST, CROSS PAN HD
9	1	McMASTER-CARR 93143A190	NSN	SCREW, MACH #8-32 X 0.25, ALUM, ROUND SLOT HD
8	1	02.3F03119-001	NSN	2.3 METER STANDARD BUOY GROUND WIRE ASSEMBLY
7	2	02.3F03116-002	NSN	POWER JUMPER PLUG ASSEMBLY (DART)
6	AR	02.3F03115-001	NSN	USER PORT CABLE ASSEMBLY
5	2	02.3F03114-001	NSN	AM PASS-THRU CABLE ASSEMBLY
4	1	02.3F03113-002	NSN	AM TRANSDUCER SUB-SURFACE CABLE ASSEMBLY (SEC)
3	1	02.3F03113-001	NSN	AM TRANSDUCER SUB-SURFACE CABLE ASSEMBLY (PRI)
2	1	02.3F03102-006	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (SEC AM)
1	1	02.3F03102-005	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (PRI AM)
ITEM	QTY	PART NUMBER	CONTROL #	DESCRIPTION

-003 PARTS LIST

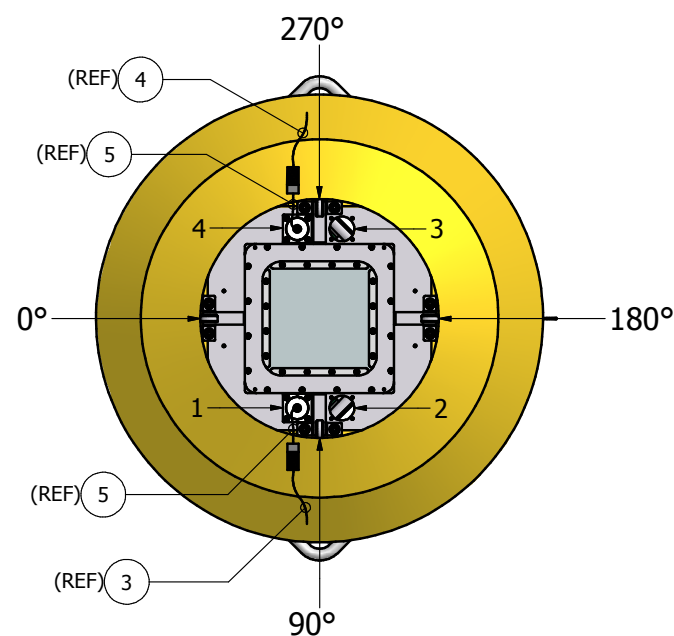
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .XX +/- .05 ANGULAR +/- .5 XXX +/- .010 DO NOT SCALE DRAWING		DRAWN chuckc 1/7/2009 CHECKED LAST UPDATE (DCJ) 12/24/2009 QA MFG APPROVED	 NATIONAL DATA BUOY CENTER John C. Stennis Space Center Stennis Space Center, Mississippi, 39529	
			TITLE 2.3 METER STANDARD BUOY EXTERNAL CABLE INSTALLATION	
			SIZE C	DWG NO 02.3F03100
			SCALE	REV -
			SHEET 5 OF 8	



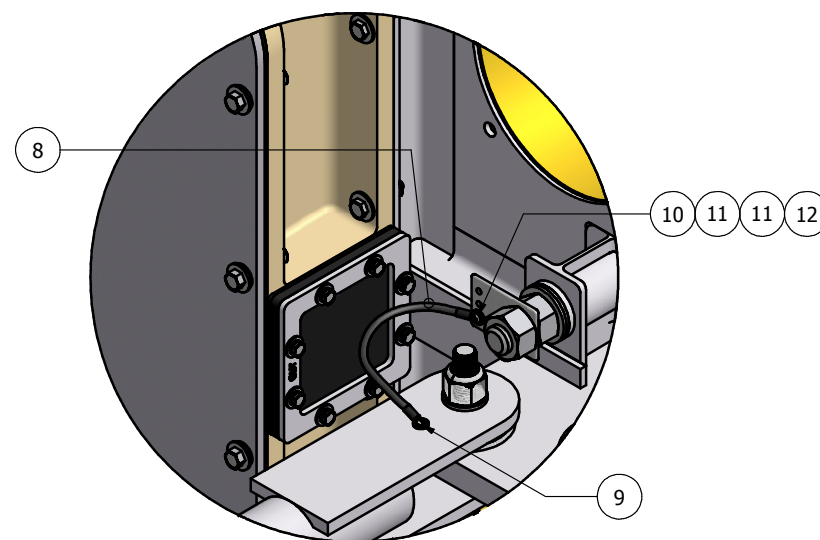
VIEW H-H
FROM SHT. 5
TOWER REMOVED



PROJECTION OF VIEW H

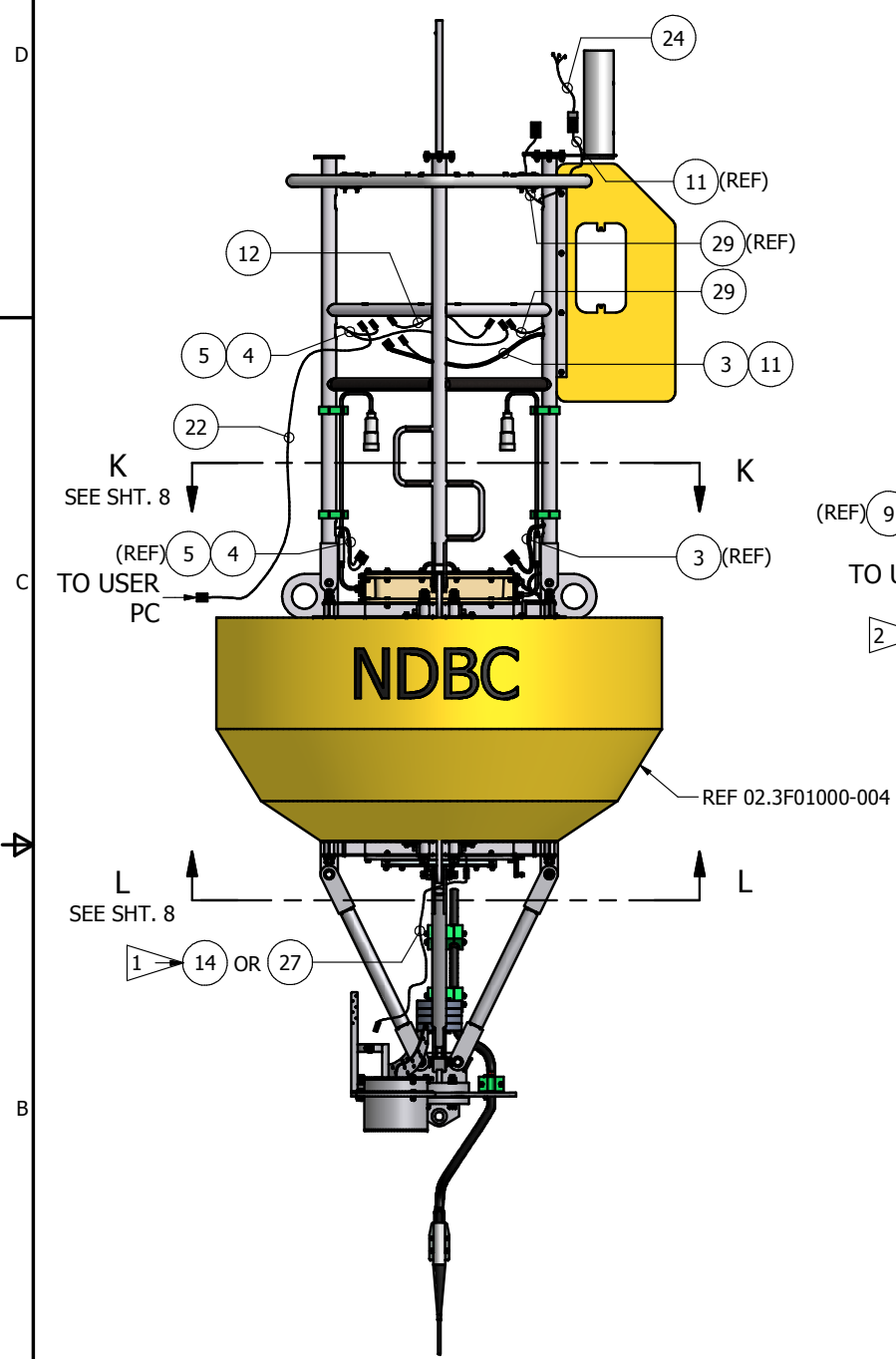


VIEW I-I
FROM SHT. 5
BRIDLE REMOVED



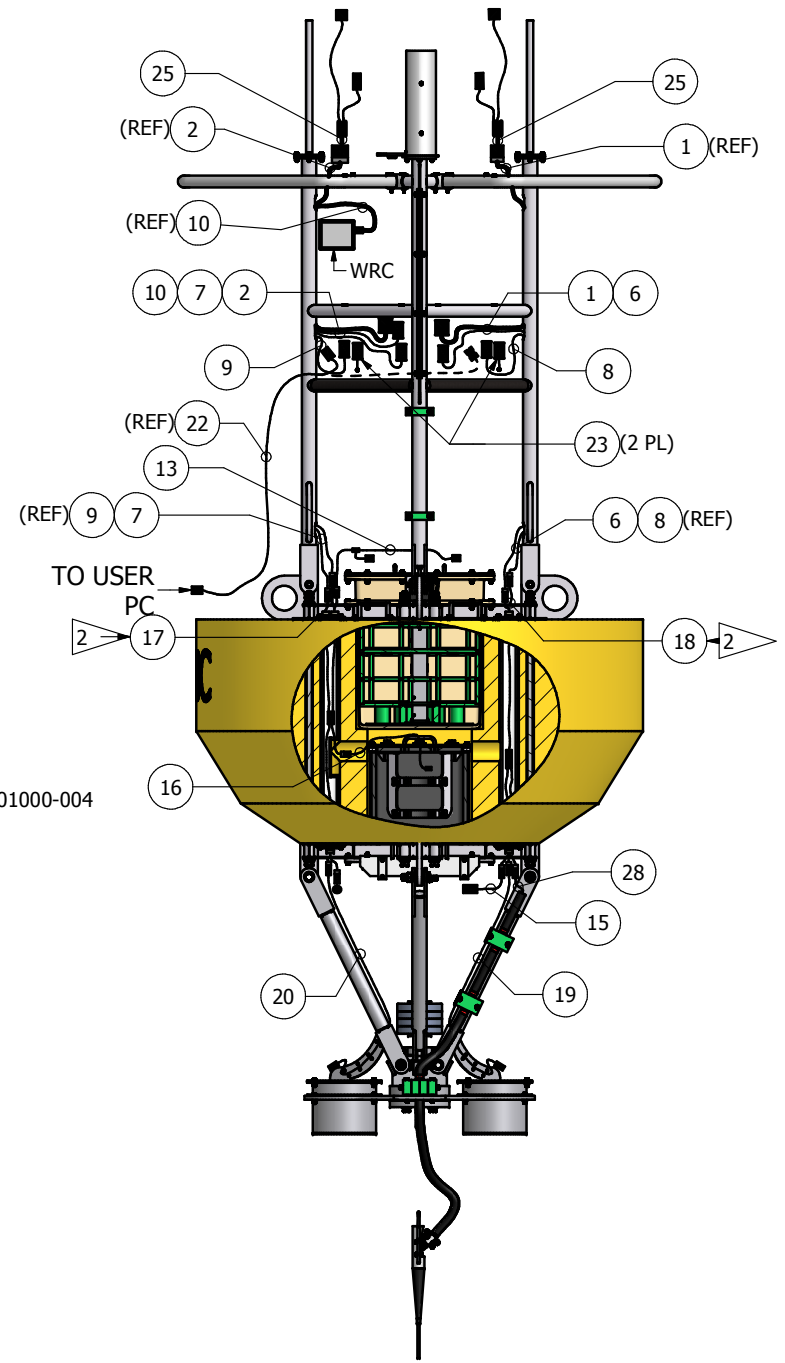
DETAIL J
GROUND WIRE
INSTALLATION

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .XX +/- .05 ANGULAR +/- .5 .XXX +/- .010 DO NOT SCALE DRAWING	DRAWN chuckc	1/7/2009	 NATIONAL DATA BUOY CENTER John C. Stennis Space Center Stennis Space Center, Mississippi, 39529
	CHECKED LAST UPDATE (DCJ)	12/24/2009	
	QA		
	MFG		
	APPROVED		
	SIZE C	DWG NO 02.3F03100	REV -
	SCALE	SHEET 6 OF 8	



SIDE VIEW (270°)

**2.3 METER STANDARD BUOY EXTERNAL
CABLE INSTALLATION -004**
WEATHER/DART CONFIGURATION (WEAH/DART)



BACK VIEW (180°)

33	2	McMASTER-CARR 90715A009	2478	NUT, NYLOCK, #8-32, 316 SST
32	4	McMASTER-CARR 90107A010	6260	WASHER, FLAT, #08 0.375 OD 0.172 ID 0.03 THK, 316 SST
31	2	DELTA FASTNERS MPP1880080008	6759	SCREW, MACH #8-32 X 0.50, 300 SST, CROSS PAN HD
30	1	McMASTER-CARR 93143A190	NSN	SCREW, MACH #8-32 X 0.25, ALUM, ROUND SLOT HD
29	1	NDBC-3021	NSN	STANDARD ANTENNA RF CABLE ASSEMBLY
28	1	02.3F03121-001	NSN	IM SUB-SURFACE INTERFACE CABLE ASSEMBLY
27	1	02.3F03120-001	NSN	ADCP/SCM JUMPER PLUG ASSEMBLY
26	2	02.3F03119-001	NSN	2.3 METER STANDARD BUOY GROUND WIRE ASSEMBLY
25	2	02.3F03118-001	NSN	ANEMOMETER/AT-RH SENSOR INTERFACE CABLE ASSEMBLY
24	1	02.3F03117-001	NSN	ANALOG RAIN GAUGE PIGTAIL CABLE ASSEMBLY
23	2	02.3F03116-002	NSN	POWER JUMPER PLUG ASSEMBLY (DART)
22	AR	02.3F03115-001	NSN	USER PORT CABLE ASSEMBLY
21	2	02.3F03114-001	NSN	AM PASS-THRU CABLE ASSEMBLY
20	1	02.3F03113-002	NSN	AM TRANSDUCER SUB-SURFACE CABLE ASSEMBLY (SEC)
19	1	02.3F03113-001	NSN	AM TRANSDUCER SUB-SURFACE CABLE ASSEMBLY (PRI)
18	1	02.3F03110-001	NSN	CT(D)/IM PASS-THRU CABLE ASSEMBLY
17	1	02.3F03109-001	NSN	ADCP/SCM PASS-THRU CABLE ASSEMBLY
16	1	02.3F03108-001	NSN	ADCP INTERFACE CABLE ASSEMBLY
15	1	02.3F03107-001	NSN	CT(D) SUB-SURFACE INTERFACE CABLE ASSEMBLY
14	1	02.3F03106-001	NSN	SCM SUB-SURFACE INTERFACE CABLE ASSEMBLY
13	1	02.3F03105-001	NSN	EXTERNAL AUX. POWER CABLE ASSEMBLY
12	1	02.3F03104-001	NSN	GOES INTERFACE CABLE ASSEMBLY
11	1	02.3F03103-001	NSN	ANALOG RAIN & RADIATION CABLE ASSEMBLY
10	AR	02.3F03102-007	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (WIRELESS MODULE)
9	1	02.3F03102-006	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (SEC AM)
8	1	02.3F03102-005	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (PRI AM)
7	1	02.3F03102-004	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (ADCP/SCM)
6	1	02.3F03102-003	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (CT(D)/IM)
5	1	02.3F03102-002	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (GOES PWR)
4	1	02.3F03102-001	NSN	8 CIRCUIT WET MATE CABLE ASSEMBLY (AMPS PWR)
3	1	02.3F03101-003	NSN	16 CIRCUIT WET MATE CABLE ASSEMBLY (BARO&DDWM)
2	1	02.3F03101-002	NSN	16 CIRCUIT WET MATE CABLE ASSEMBLY (WIND&AT/RH 2)
1	1	02.3F03101-001	NSN	16 CIRCUIT WET MATE CABLE ASSEMBLY (WIND&AT/RH 1)
ITEM	QTY	PART NUMBER	CONTROL #	DESCRIPTION

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS ANGULAR
.XX +/- .05 +/- .5
.XXX +/- .010

DO NOT SCALE DRAWING

DRAWN
chuckc

CHECKED

LAST UPDATE (DCJ)

QA

MFG

APPROVED

1/7/2009

12/24/2009

NATIONAL DATA BUOY CENTER
John C. Stennis Space Center
Stennis Space Center, Mississippi, 39529

TITLE

2.3 METER STANDARD BUOY EXTERNAL
CABLE INSTALLATION

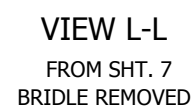
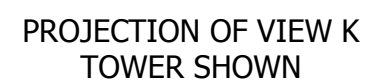
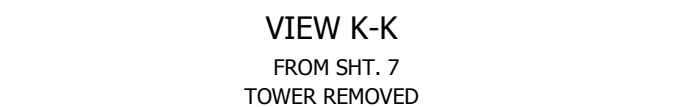
SIZE
C

DWG NO
02.3F03100

REV
-

SCALE

SHEET 7 OF 8

SHEET 8 OF 8