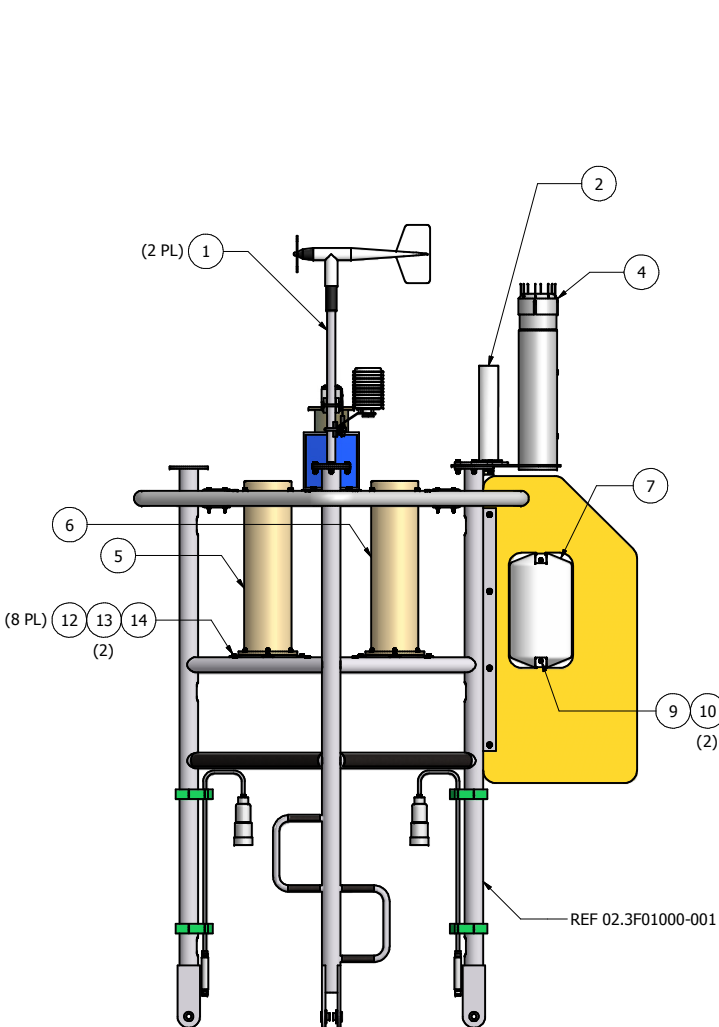
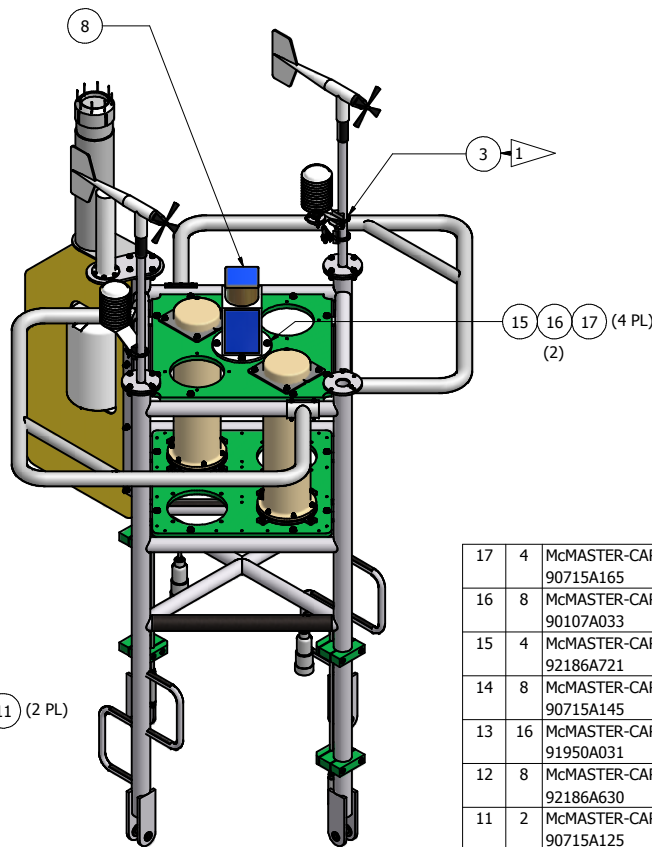


NOTES:

- INSTALL RADIATION SENSOR, ITEM 3, ON 270° LEG FACING INBOARD TO NAVIGATION LIGHT. ADJUST HEIGHT OF MOUNT TO POSITION TOP OF SENSOR EVEN WITH THE TOP OF THE HUMIDITY SENSOR HOUSING.



SIDE VIEW (270°)
HULL & BRIDLE REMOVED



ISOMETRIC VIEW
HULL & BRIDLE REMOVED

2.3 METER STANDARD BUOY EXTERIOR EQUIPMENT INSTALLATION -001 WEATHER CONFIGURATION (WEAH)

17	4	McMASTER-CARR 90715A165	2716	NUT, HEX NYLOCK, 0.500-13, 316 SST (1/2-13)
16	8	McMASTER-CARR 90107A033	729	WASHER, FLAT, 0.500 NOM, 1.250 OD, 316 SST
15	4	McMASTER-CARR 92186A721	7792	SCREW, HEX CAP, 0.500-13 X 2.25, 316 SST (1/2-13 X 2 1/4)
14	8	McMASTER-CARR 90715A145	2702	NUT, HEX NYLOCK, 0.375-16UNC, 316 SST (3/8-16)
13	16	McMASTER-CARR 91950A031	663	WASHER, FLAT, 316 SST, 0.375 - 0.406 ID 0.813 OD (3/8 REGULAR)
12	8	McMASTER-CARR 92186A630	708	SCREW, HEX CAP, 0.375-16 X 1.75, 316 SST (3/8-16 X 1 3/4)
11	2	McMASTER-CARR 90715A125	2130	NUT, HEX NYLOCK, 0.250-20, 316 SST (1/4-20)
10	4	McMASTER-CARR 91950A029	727	WASHER, FLAT, 316 SST, 0.250NOM 0.625OD (1/4)
9	2	McMASTER-CARR 92186A552	716	SCREW, HEX CAP, 0.250-20 X 2.50, 316 SST (1/4-20 X 2 1/2)
8	1	CARMANAH 702-5	NSN	BEACON, SELF-CONTAINED SOLAR, AMBER
7	1	ECHOMAX 230 MIDI	7261	REFLECTOR, RADAR BLIPPER, MID SIZED
6	1	800001-001	NSN	ELECTRONIC TUBE ASSEMBLY (GOES HDR)
5	1	500001-001	NSN	ELECTRONIC TUBE ASSEMBLY (AMPS WEAH)
4	1	02.3F06004-001	NSN	RAIN GAUGE SENSOR ASSEMBLY (ANALOG)
3	1	02.3F06003-001	NSN	SOLAR RADIATION SENSOR ASSEMBLY
2	1	02.3F06002-001	NSN	UHF ANTENNA MOUNT ASSEMBLY
1	2	02.3F06001-001	NSN	ANEMOMETER & AT/RH SENSOR ASSEMBLY
ITEM	QTY	PART NUMBER	CONTROL #	DESCRIPTION

Parts List

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

DO NOT SCALE DRAWING

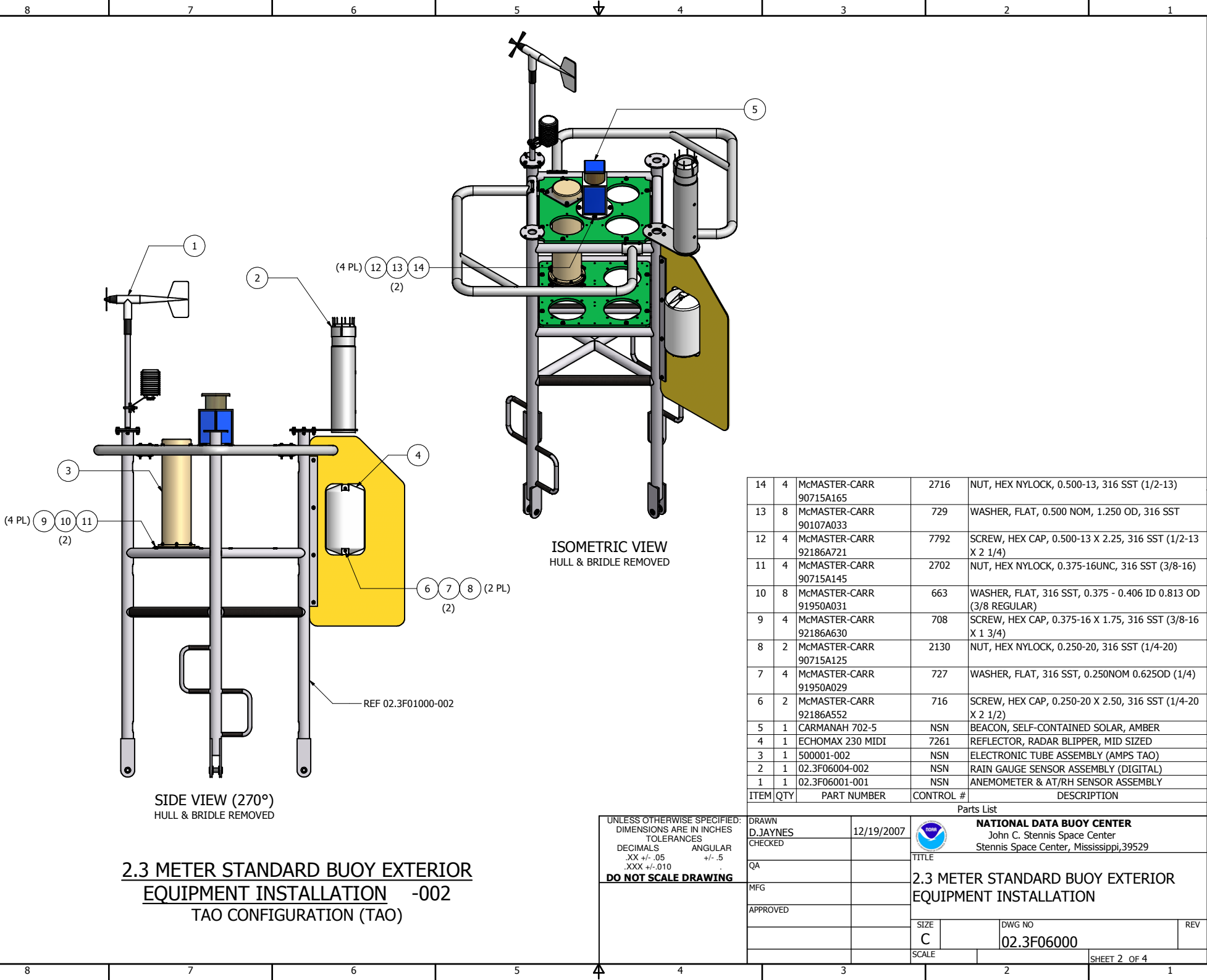
DRAWN D.JAYNES	12/19/2007
CHECKED	
QA	
MFG	
APPROVED	
SIZE C	DWG NO 02.3F06000
SCALE	REV



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2.3 METER STANDARD BUOY EXTERIOR EQUIPMENT INSTALLATION

SIZE C	DWG NO 02.3F06000	REV
SCALE	SHEET 1 OF 4	



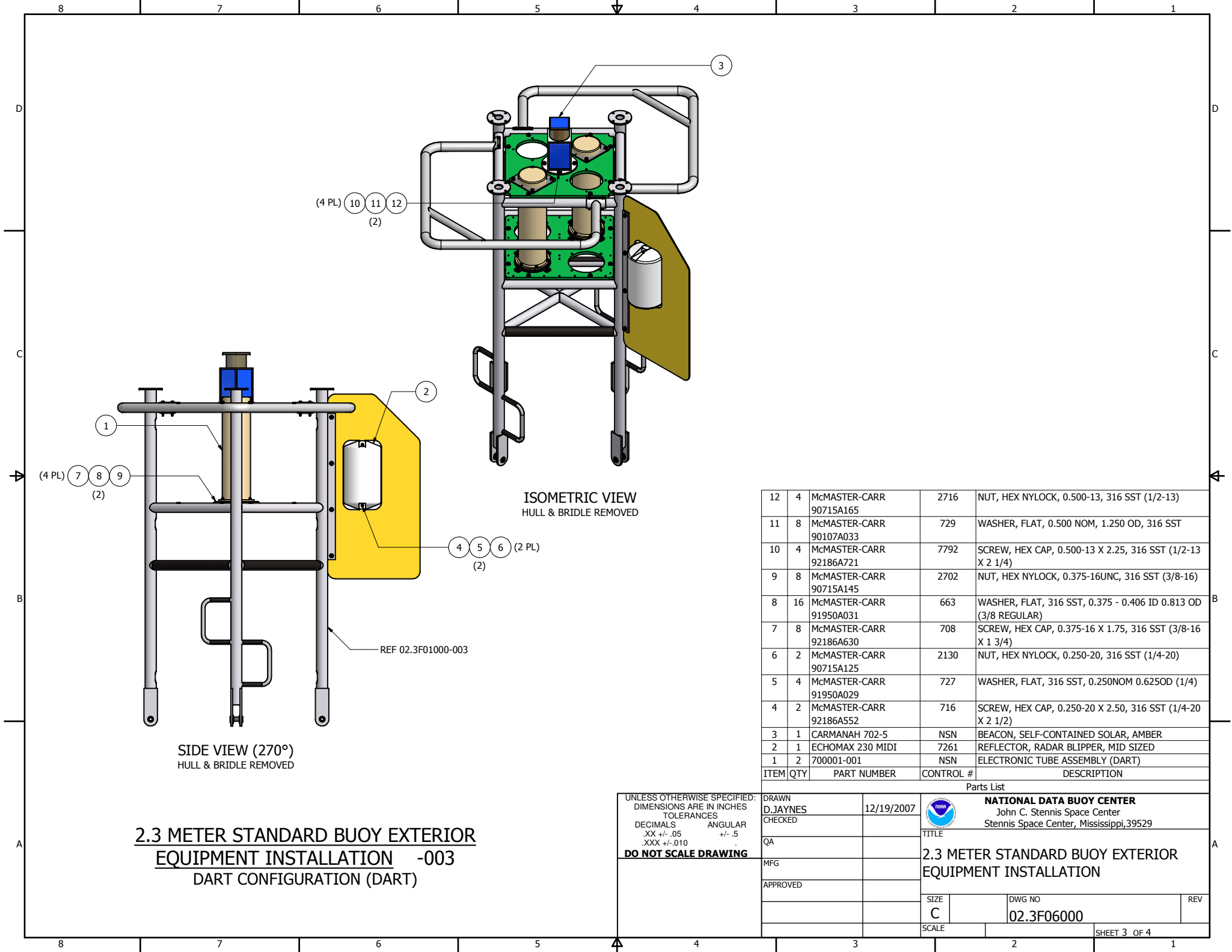
ISOMETRIC VIEW
HULL & BRIDLE REMOVED

SIDE VIEW (270°)
HULL & BRIDLE REMOVED

**2.3 METER STANDARD BUOY EXTERIOR
EQUIPMENT INSTALLATION -002
TAO CONFIGURATION (TAO)**

14	4	McMASTER-CARR 90715A165	2716	NUT, HEX NYLOCK, 0.500-13, 316 SST (1/2-13)
13	8	McMASTER-CARR 90107A033	729	WASHER, FLAT, 0.500 NOM, 1.250 OD, 316 SST
12	4	McMASTER-CARR 92186A721	7792	SCREW, HEX CAP, 0.500-13 X 2.25, 316 SST (1/2-13 X 2 1/4)
11	4	McMASTER-CARR 90715A145	2702	NUT, HEX NYLOCK, 0.375-16UNC, 316 SST (3/8-16)
10	8	McMASTER-CARR 91950A031	663	WASHER, FLAT, 316 SST, 0.375 - 0.406 ID 0.813 OD (3/8 REGULAR)
9	4	McMASTER-CARR 92186A630	708	SCREW, HEX CAP, 0.375-16 X 1.75, 316 SST (3/8-16 X 1 3/4)
8	2	McMASTER-CARR 90715A125	2130	NUT, HEX NYLOCK, 0.250-20, 316 SST (1/4-20)
7	4	McMASTER-CARR 91950A029	727	WASHER, FLAT, 316 SST, 0.250NOM 0.625OD (1/4)
6	2	McMASTER-CARR 92186A552	716	SCREW, HEX CAP, 0.250-20 X 2.50, 316 SST (1/4-20 X 2 1/2)
5	1	CARMANAH 702-5	NSN	BEACON, SELF-CONTAINED SOLAR, AMBER
4	1	ECHOMAX 230 MIDI	7261	REFLECTOR, RADAR BLIPPER, MID SIZED
3	1	500001-002	NSN	ELECTRONIC TUBE ASSEMBLY (AMPS TAO)
2	1	02.3F06004-002	NSN	RAIN GAUGE SENSOR ASSEMBLY (DIGITAL)
1	1	02.3F06001-001	NSN	ANEMOMETER & AT/RH SENSOR ASSEMBLY
ITEM	QTY	PART NUMBER	CONTROL #	DESCRIPTION

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGULAR .XX +/- .05 +/- .5 .XXX +/- .010 .				DRAWN D.JAYNES		12/19/2007		NATIONAL DATA BUOY CENTER John C. Stennis Space Center Stennis Space Center, Mississippi, 39529	
DO NOT SCALE DRAWING				CHECKED				TITLE	
				QA				2.3 METER STANDARD BUOY EXTERIOR EQUIPMENT INSTALLATION	
				MFG				SIZE	
				APPROVED				DWG NO	
								C	
								02.3F06000	
								SCALE	
								SHEET 2 OF 4	



12	4	McMASTER-CARR 90715A165	2716	NUT, HEX NYLOCK, 0.500-13, 316 SST (1/2-13)
11	8	McMASTER-CARR 90107A033	729	WASHER, FLAT, 0.500 NOM, 1.250 OD, 316 SST
10	4	McMASTER-CARR 92186A721	7792	SCREW, HEX CAP, 0.500-13 X 2.25, 316 SST (1/2-13 X 2 1/4)
9	8	McMASTER-CARR 90715A145	2702	NUT, HEX NYLOCK, 0.375-16UNC, 316 SST (3/8-16)
8	16	McMASTER-CARR 91950A031	663	WASHER, FLAT, 316 SST, 0.375 - 0.406 ID 0.813 OD (3/8 REGULAR)
7	8	McMASTER-CARR 92186A630	708	SCREW, HEX CAP, 0.375-16 X 1.75, 316 SST (3/8-16 X 1 3/4)
6	2	McMASTER-CARR 90715A125	2130	NUT, HEX NYLOCK, 0.250-20, 316 SST (1/4-20)
5	4	McMASTER-CARR 91950A029	727	WASHER, FLAT, 316 SST, 0.250NOM 0.625OD (1/4)
4	2	McMASTER-CARR 92186A552	716	SCREW, HEX CAP, 0.250-20 X 2.50, 316 SST (1/4-20 X 2 1/2)
3	1	CARMANAH 702-5	NSN	BEACON, SELF-CONTAINED SOLAR, AMBER
2	1	ECHOMAX 230 MIDI	7261	REFLECTOR, RADAR BLIPPER, MID SIZED
1	2	700001-001	NSN	ELECTRONIC TUBE ASSEMBLY (DART)
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
D.JAYNES
CHECKED

QA

MFG

APPROVED

12/19/2007

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

TITLE
**2.3 METER STANDARD BUOY EXTERIOR
EQUIPMENT INSTALLATION**

SIZE
C

SCALE

DWG NO
02.3F06000

REV

SHEET 3 OF 4

2.3 METER STANDARD BUOY EXTERIOR
EQUIPMENT INSTALLATION -004
WEATHER/DART CONFIGURATION (WEAH/DART)

SIDE VIEW (270°)
HULL & BRIDLE REMOVED

REF 02.3F01000-004

ISOMETRIC VIEW
HULL & BRIDLE REMOVED

18	4	McMASTER-CARR 90715A165	2716	NUT, HEX NYLOCK, 0.500-13, 316 SST (1/2-13)
17	8	McMASTER-CARR 90107A033	729	WASHER, FLAT, 0.500 NOM, 1.250 OD, 316 SST
16	4	McMASTER-CARR 92186A721	7792	SCREW, HEX CAP, 0.500-13 X 2.25, 316 SST (1/2-13 X 2 1/4)
15	16	McMASTER-CARR 90715A145	2702	NUT, HEX NYLOCK, 0.375-16UNC, 316 SST (3/8-16)
14	32	McMASTER-CARR 91950A031	663	WASHER, FLAT, 316 SST, 0.375 - 0.406 ID 0.813 OD (3/8 REGULAR)
13	16	McMASTER-CARR 92186A630	708	SCREW, HEX CAP, 0.375-16 X 1.75, 316 SST (3/8-16 X 1 3/4)
12	2	McMASTER-CARR 90715A125	2130	NUT, HEX NYLOCK, 0.250-20, 316 SST (1/4-20)
11	4	McMASTER-CARR 91950A029	727	WASHER, FLAT, 316 SST, 0.250NOM 0.625OD (1/4)
10	2	McMASTER-CARR 92186A552	716	SCREW, HEX CAP, 0.250-20 X 2.50, 316 SST (1/4-20 X 2 1/2)
9	1	CARMANAH 702-5	NSN	BEACON, SELF-CONTAINED SOLAR, AMBER
8	1	ECHOMAX 230 MIDI	7261	REFLECTOR, RADAR BLIPPER, MID SIZED
7	1	800001-001	NSN	ELECTRONIC TUBE ASSEMBLY (GOES HDR)
6	2	700001-001	NSN	ELECTRONIC TUBE ASSEMBLY (DART)
5	1	500001-001	NSN	ELECTRONIC TUBE ASSEMBLY (AMPS WEAH)
4	1	02.3F06004-001	NSN	RAIN GAUGE SENSOR ASSEMBLY (ANALOG)
3	1	02.3F06003-001	NSN	SOLAR RADIATION SENSOR ASSEMBLY
2	1	02.3F06002-001	NSN	UHF ANTENNA MOUNT ASSEMBLY
1	2	02.3F06001-001	NSN	ANEMOMETER & AT/RH SENSOR ASSEMBLY
ITEM	QTY	PART NUMBER	CONTROL #	DESCRIPTION

Parts List

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

DO NOT SCALE DRAWING

DRAWN D.JAYNES	12/19/2007
CHECKED	
QA	
MFG	
APPROVED	
SIZE C	DWG NO 02.3F06000
SCALE	REV



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Stennis Space Center, Mississippi, 39529

TITLE
2.3 METER STANDARD BUOY EXTERIOR
EQUIPMENT INSTALLATION

SCALE	SHEET 4 OF 4
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