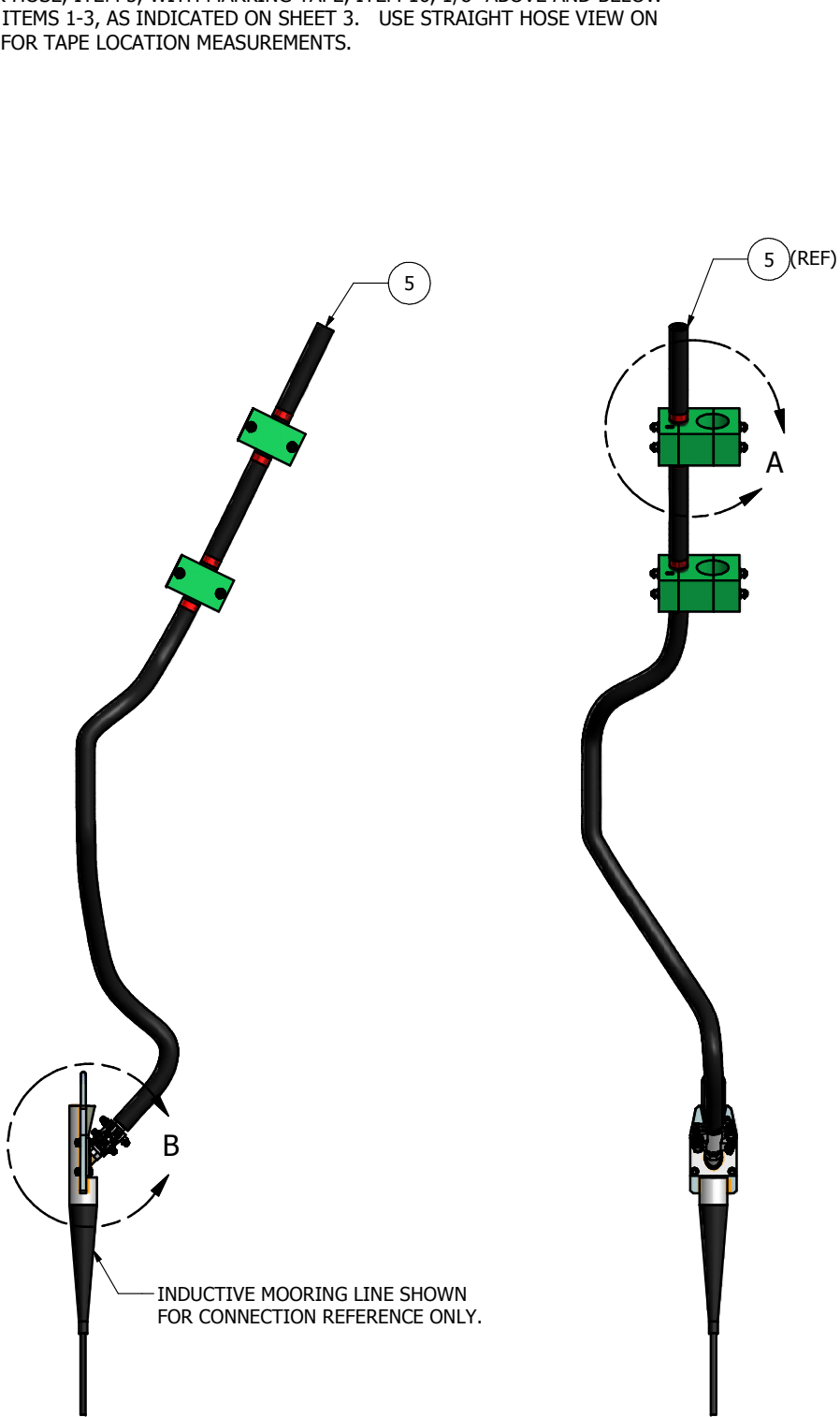


NOTES:

1. MARK HOSE, ITEM 5, WITH MARKING TAPE, ITEM 16, 1/8" ABOVE AND BELOW CLAMPS, ITEMS 1-3, AS INDICATED ON SHEET 3. USE STRAIGHT HOSE VIEW ON SHEET 3 FOR TAPE LOCATION MEASUREMENTS.



FRONT VIEW

SIDE VIEW

ISOMETRIC VIEW

IM HOSE PROTECTION ASSEMBLY -001

NON-DART

16	AR	3M SCOTCH 35 (RED)	14262	TAPE, VINYL ELECTRICAL MARKING, RED, 0.75 WIDTH
15	4	McMASTER-CARR 90371A031	14119	NUT, HEX, 0.375-16, GALVANIZED (3/8-16)
14	8	McMASTER-CARR 90715A145	2702	NUT, HEX NYLOCK, 0.375-16UNC, 316 SST (3/8-16)
13	8	McMASTER-CARR 91950A031	663	WASHER, FLAT, 316 SST, 0.375 - 0.406 ID 0.813 OD (3/8 REGULAR)
12	4	McMASTER-CARR 93250A031	5142	ALL THREAD, 316 SST, 0.375-16 X 8.250
11	4	McMASTER-CARR 92327A288	NSN	SCREW, SQUARE HD, ZINC PLATED, 0.375-16 X 2.00
10	4	DELTA FASTENERS NF3160250	2700	NUT, HEX, 0.250-20, 316 SST
9	8	McMASTER-CARR 91950A029	727	WASHER, FLAT, 316 SST, 0.250NOM 0.625OD (1/4)
8	4	McMASTER-CARR 92147A029	662	WASHER, LOCK, HELICAL SPRING, 316 SST, 0.250 (1/4)
7	4	McMASTER-CARR 93190A544	7238	SCREW, HEX CAP, 0.250-20X1.25, 316 SST (1/4-20X1 1/4)
6	2	BOSS 152	14246	CLAMP, BOLT-ON HOSE, 4 BOLT 4 FINGER
5	1	DAYCO NX616	14214	HOSE, HYDRAULIC, 5000 PSI, FLAME RESISTANT, 1.00 ID X 84.00 LG
4	1	02.3F01381-001	NSN	IM HOSE BOSS PLATE
3	2	CLAMP 03	NSN	IM HOSE CLAMP (SMALL CUT)
1	2	CLAMP 01	NSN	IM HOSE CLAMP (LARGE CUT)
ITEM	QTY	PART NUMBER	CONTROL #	DESCRIPTION

Parts List

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS .XX +/- .05
ANGULAR +/- .5
.XXX +/- .010
DO NOT SCALE DRAWING

DRAWN chuckc 6/2/2008
CHECKED LAST UPDATE (DCJ) 8/28/2009
QA
MFG
APPROVED



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

TITLE

IM HOSE PROTECTION ASSEMBLY

SIZE

C

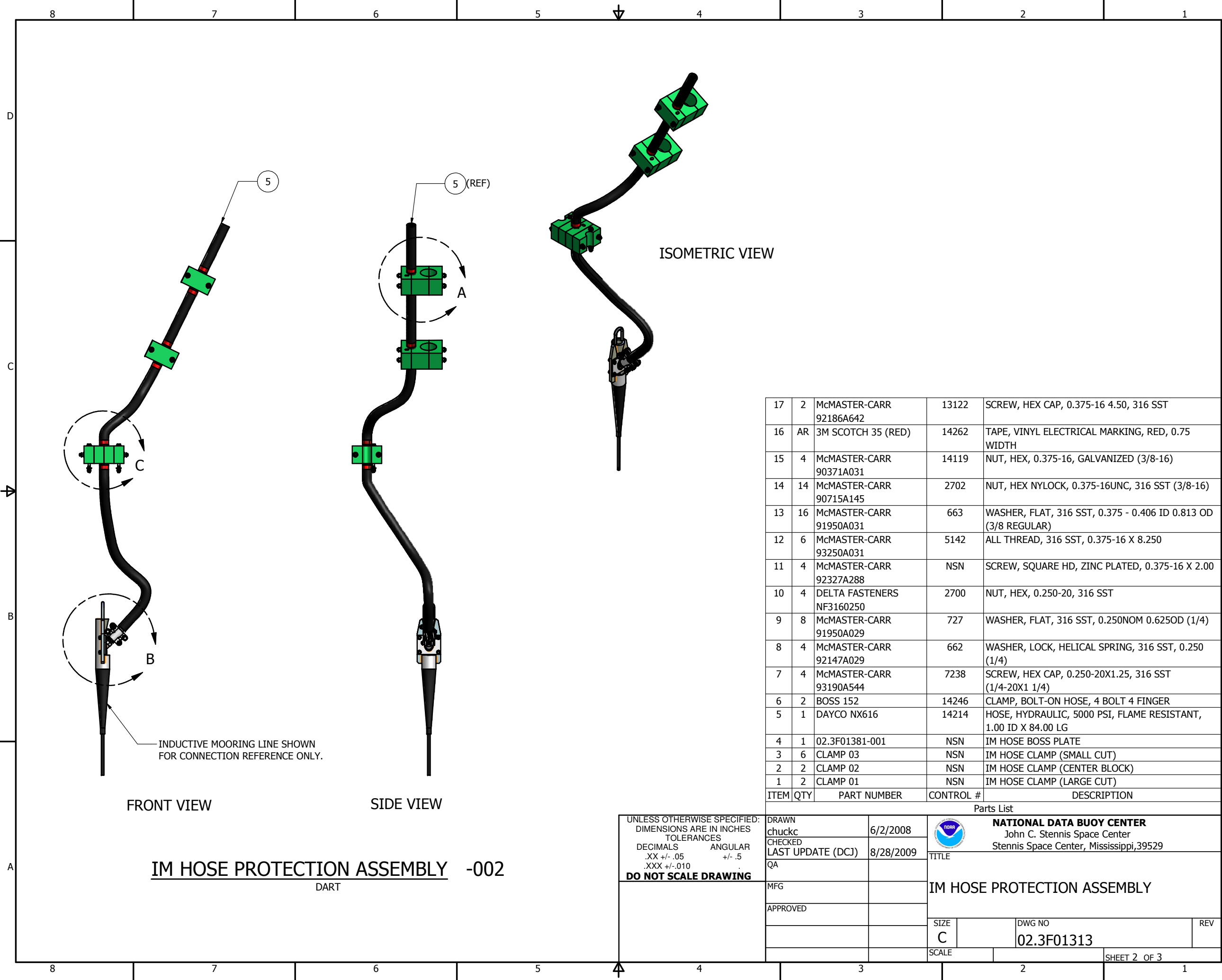
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REV

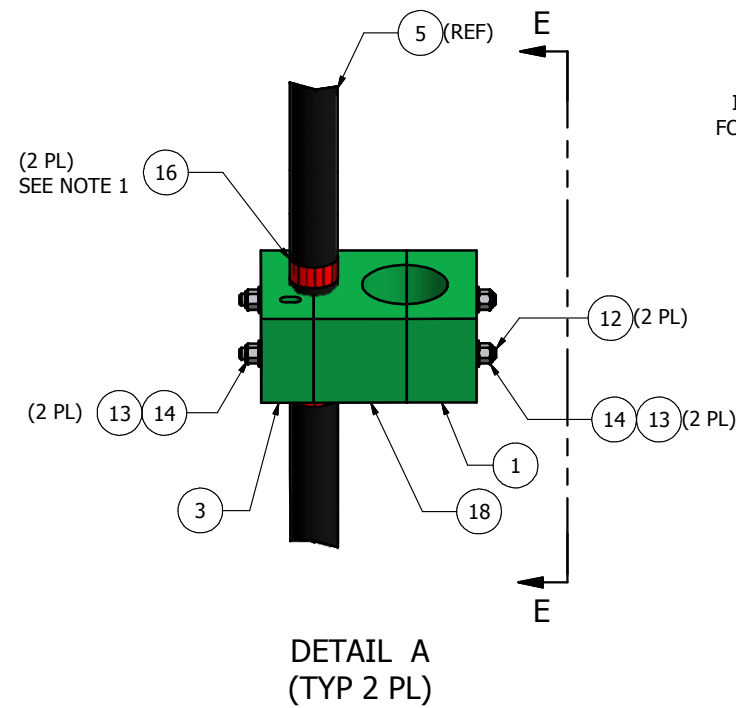
SCALE

SHEET 1 OF 3

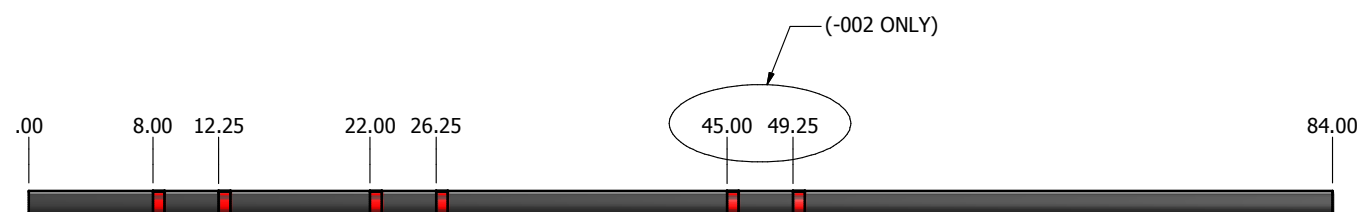
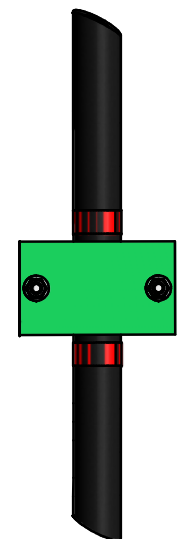
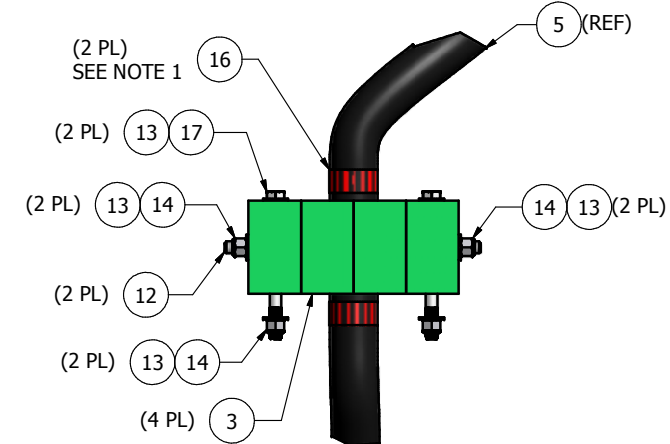
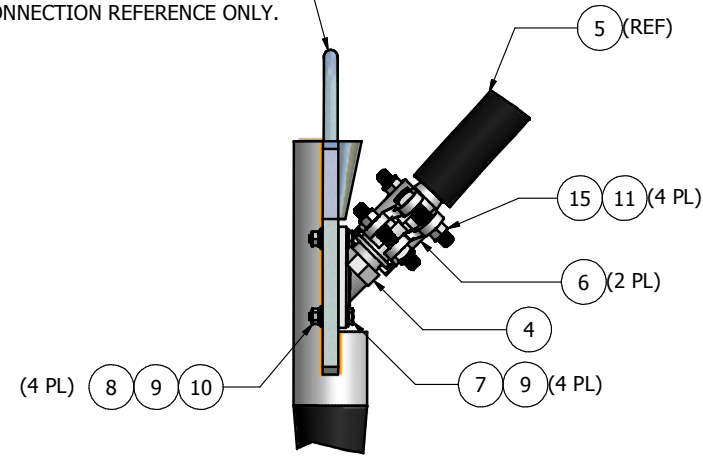


17	2	McMASTER-CARR 92186A642	13122	SCREW, HEX CAP, 0.375-16 4.50, 316 SST
16	AR	3M SCOTCH 35 (RED)	14262	TAPE, VINYL ELECTRICAL MARKING, RED, 0.75 WIDTH
15	4	McMASTER-CARR 90371A031	14119	NUT, HEX, 0.375-16, GALVANIZED (3/8-16)
14	14	McMASTER-CARR 90715A145	2702	NUT, HEX NYLOCK, 0.375-16UNC, 316 SST (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	6	McMASTER-CARR 93250A031	5142	ALL THREAD, 316 SST, 0.375-16 X 8.250
11	4	McMASTER-CARR 92327A288	NSN	SCREW, SQUARE HD, ZINC PLATED, 0.375-16 X 2.00
10	4	DELTA FASTENERS NF3160250	2700	NUT, HEX, 0.250-20, 316 SST
9	8	McMASTER-CARR 91950A029	727	WASHER, FLAT, 316 SST, 0.250NOM 0.625OD (1/4)
8	4	McMASTER-CARR 92147A029	662	WASHER, LOCK, HELICAL SPRING, 316 SST, 0.250 (1/4)
7	4	McMASTER-CARR 93190A544	7238	SCREW, HEX CAP, 0.250-20X1.25, 316 SST (1/4-20X1 1/4)
6	2	BOSS 152	14246	CLAMP, BOLT-ON HOSE, 4 BOLT 4 FINGER
5	1	DAYCO NX616	14214	HOSE, HYDRAULIC, 5000 PSI, FLAME RESISTANT, 1.00 ID X 84.00 LG
4	1	02.3F01381-001	NSN	IM HOSE BOSS PLATE
3	6	CLAMP 03	NSN	IM HOSE CLAMP (SMALL CUT)
2	2	CLAMP 02	NSN	IM HOSE CLAMP (CENTER BLOCK)
1	2	CLAMP 01	NSN	IM HOSE CLAMP (LARGE CUT)
ITEM	QTY	PART NUMBER	CONTROL #	DESCRIPTION

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .XX +/- .05 ANGULAR +/- .5 XXX +/- .010 DO NOT SCALE DRAWING		DRAWN chuckc	6/2/2008	 NATIONAL DATA BUOY CENTER John C. Stennis Space Center Stennis Space Center, Mississippi, 39529	
		CHECKED LAST UPDATE (DCJ)	8/28/2009		
		QA		TITLE IM HOSE PROTECTION ASSEMBLY	
		MFG			
APPROVED				SIZE C	DWG NO 02.3F01313
				SCALE	REV
				SHEET 2 OF 3	



INDUCTIVE MOORING LINE SHOWN
FOR CONNECTION REFERENCE ONLY.



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .XX +/- .05 ANGULAR +/- .5 .XXX +/- .010 DO NOT SCALE DRAWING	DRAWN chuckc	6/2/2008	 NATIONAL DATA BUOY CENTER John C. Stennis Space Center Stennis Space Center, Mississippi, 39529
	CHECKED LAST UPDATE (DCJ)	8/28/2009	
	QA		
	MFG		
	APPROVED		TITLE IM HOSE PROTECTION ASSEMBLY
	SIZE C	DWG NO 02.3F01313	REV
	SCALE	SHEET 3 OF 3	