

8

7

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5

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3

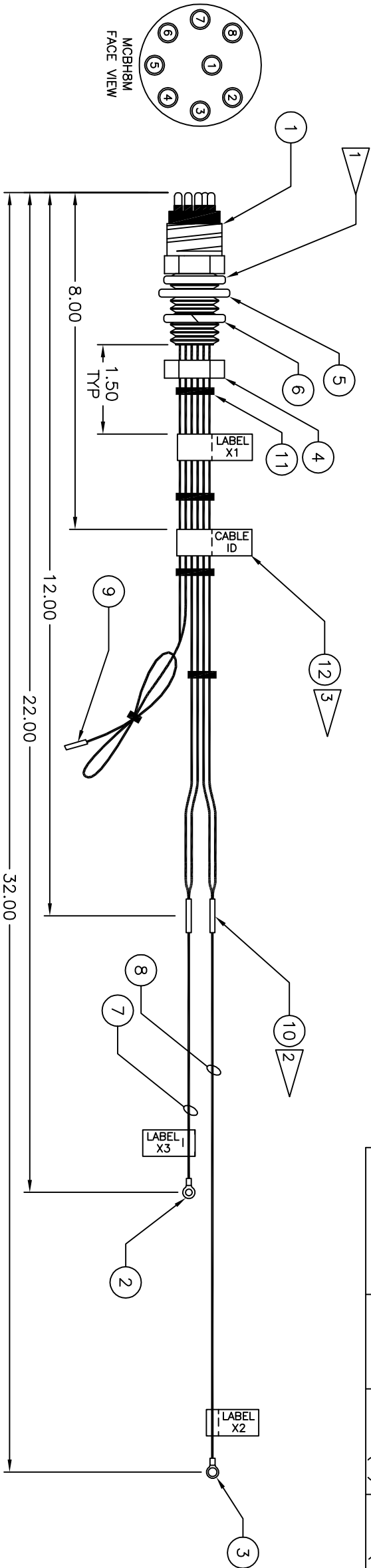
2

1

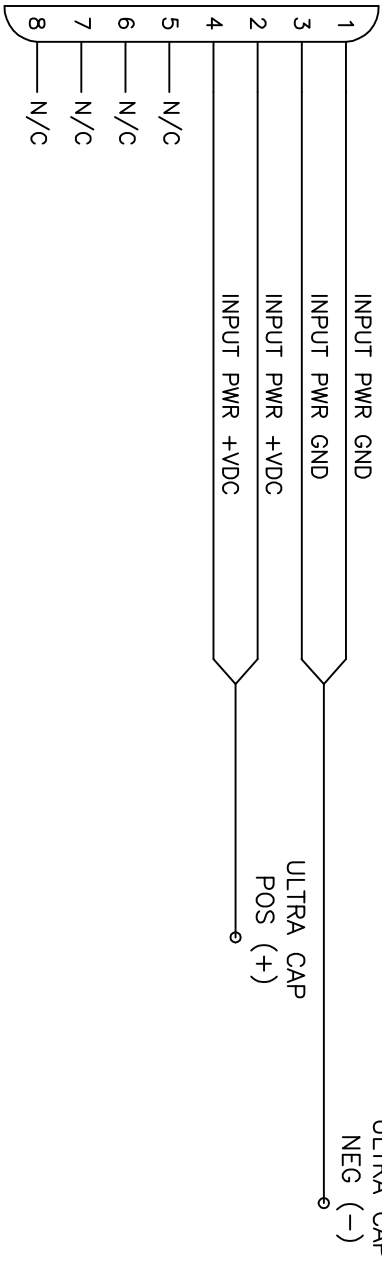
NOTES:

- 1
- O-RING IS A PART OF CONNECTOR, ITEM 1. REPLACE WITH ASS68A-15 BUNA-N O-RING, McMASTER CARR #9555K16, CONTROL #13273, IF DAMAGED OR MISSING.
- 2
- AFTER CONNECTOR, ITEM 1, IS INSTALLED INTO ITS ENDPLATE BULKHEAD, EXTEND WIRES FROM CONNECTOR USING HOOKUP WIRE, ITEMS 7 & 8, TO CREATE SOLDERED SPLICES. COVER SPLICES WITH SLEEVING, ITEM 10.
- 3
- USE A BROTHER P-TOUCH LABEL MAKER, MODEL PT-2400 OR EQUIVALENT, TO IDENTIFY CABLES AS SHOWN IN THE LABEL IDENTIFICATION TABLE. APPLY LABELS AS SHOWN IN THE CABLE VIEW.

LABEL IDENTIFICATION TABLE			
CABLE ID NUMBER	LABEL X1	LABEL X2	LABEL X3
831001-001	J1 PWR	ULTRA CAP NEG (-)	ULTRA CAP POS (+)



INPUT POWER UNIT CABLE WIRING -001



ENCLOSURE BULKHEAD J1 PWR

INPUT POWER UNIT CABLE WIRING -001

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY THE NDBC ENGINEERING DEPARTMENT.

REVISIONS		DATE	APPROVED
ZONE	LTR	DESCRIPTION	
-	-	XX/XX/XX	XX/XX/XX
-	-	XX/XX/XX	XX/XX/XX

AR	3	LABEL TAPE, BLK INK ON WHT, 9mm(3/8"), P-TOUCH TZ LAMINATED TAPE	14177	BROTHER TZ-221	C5	12
AR		TIWRAP, PLASTIC, 4.00 LG., BLK	6319		C6	11
AR		SLEEVING, HEAT SHRINK, 0.375 (3/8), BLK	3676		C4	10
AR		SLEEVING, HEAT SHRINK, 0.250 (1/4), BLK	1554		C6	9
AR		WIRE, HOOKUP 16AWG, 19/30 STRAND, TFE INSULATION, BLK	12010	ALPHA WIRE 5858-2	C4	8
AR		WIRE, HOOKUP 16AWG, 19/30 STRAND, TFE INSULATION, RED	12011	ALPHA WIRE 5858-3	C4	7
1		WASHER, SPLIT LOCK 316 SST, 7/16"	14127	McMASTER CARR 92147A032	C7	6
1		WASHER, NYLON ISOLATION, 7/16", 0.75" OD	14042	McMASTER CARR 90295A185	C7	5
1		NUT, HEX JAM 316 SST, 7/16 x 20	14040	McMASTER CARR 94805A221	C6	4
1		TERMINAL, CRIMP RING, HEAVY DUTY, NON-INSUL, 16-14 AWG, 7/16 STUD	-	McMASTER-CARR 9388K17	C2	3
1		TERMINAL, CRIMP RING, HEAVY DUTY, NON-INSUL, 16-14 AWG, 5/16 STUD	-	McMASTER-CARR 9388K15	C3	2
1		CONNECTOR, SST BULKHD MALE WET-MATE, 7/16 x 20 WITH O-RING, 8 CIR.	14038	SUBCONN MCBH8M SS	C8	1
-001		QTY	NDBC CONTROL NO.	MANUFACTURER & PART NUMBER	ZONE (S)	ITEM NO.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		CONTRACT NO		NATIONAL DATA BUOY CENTER John C. Stennis Space Center Stennis Space Center, Mississippi 39529-6000	
DETAILS	REVISIONS	APPROVALS	DATE	TITLE	REV
300 ± .010	± .05	D. JAYNES	03/12/08	INPUT POWER UNIT CABLE ASSEMBLY	-
		CHECKED BY	DATE		
		ENGINEER APPROVAL	DATE		
		NDBC PROJ ENGR	DATE		
-001	X	WEAH		SIZE	D
- NO.	HULL NO.	NEXT ASSY	USED ON	CODE CODE	831001
		APPLICATION	ECP-P00-0000	DRAWING NO	

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REVISED: 10/28/09
DISCARD ALL PRIOR DWGS