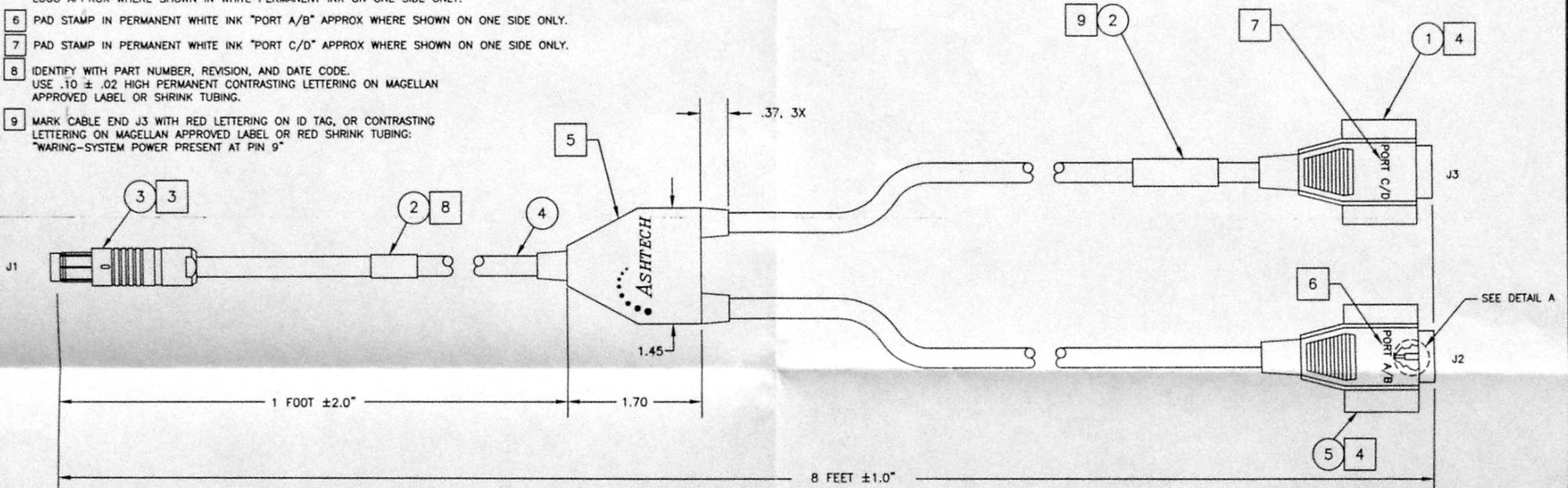


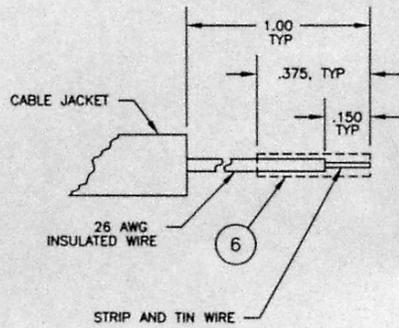
NOTES:

1. TO BE MANUFACTURED TO ANSI/IPC-A-610A WORKMANSHIP STANDARDS.
2. THIS IS A WATERPROOF CABLE. AS SUCH ALL MOLDED AREAS MUST BE WATERPROOF.
3. USE ITEM 6 ON ALL J1 CONNECTIONS. APPLY ONE DROP OF LOCKTITE 242 OR EQV TO CLAMP NUT INTERNAL THREAD.
4. MOLD OVER ITEM 5, AND 1 WITH BLACK POLYURETHANE MATERIAL.
5. ENSURE THAT ALL THREE SHIELDS FROM ALL THREE CABLE "LEGS" ARE SOLDERED TOGETHER INSIDE THE "Y" CONNECTION. MOLD OVER "Y" CONNECTION WITH BLACK POLYURETHANE MATERIAL AND PAD STAMP LOGO APPROX WHERE SHOWN IN WHITE PERMANENT INK ON ONE SIDE ONLY.
6. PAD STAMP IN PERMANENT WHITE INK "PORT A/B" APPROX WHERE SHOWN ON ONE SIDE ONLY.
7. PAD STAMP IN PERMANENT WHITE INK "PORT C/D" APPROX WHERE SHOWN ON ONE SIDE ONLY.
8. IDENTIFY WITH PART NUMBER, REVISION, AND DATE CODE. USE .10 ± .02 HIGH PERMANENT CONTRASTING LETTERING ON MAGELLAN APPROVED LABEL OR SHRINK TUBING.
9. MARK CABLE END J3 WITH RED LETTERING ON ID TAG, OR CONTRASTING LETTERING ON MAGELLAN APPROVED LABEL OR RED SHRINK TUBING: "WARNING-SYSTEM POWER PRESENT AT PIN 9"

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APRV
	A	RELEASE TO MFG PER ECO 52176	8-31-00	R.C.G
	B	REVISED PER ECO 52298	3-1-01	RCG



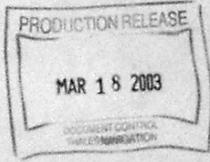
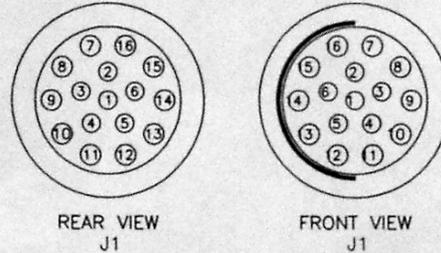
J1		SCHEMATIC		J2	
CASE	SHIELD			CASE	
GND	7	BLK	5	GND	
TXD1	2	BRN	2	RXD	
RXD1	3	RED	3	TXD	
RTS1	4	ORN	8	CTS	
CTS1	5	YEL	7	RTS	
DSR1	6	GRN	4	DTR	
DCD1	8		6	DSR	
DTR1	9	BLU	1	DCD	
GND	11	VIO	J3	GND	
TXD2	12	GRA	3	RXD	
RXD2	13	WHT	2	TXD	
+12V	16	WHT/BRN	9	+12V	
RTS2	14				
CTS2	15				



DETAIL A

SCALE : 3X  
2 PL

RED DOT ON BODY OF CONNECTOR IS IN 12 O'CLOCK POSITION WHEN READING THIS DIAGRAM



ITEM	PART NUMBER	DESCRIPTION	MANUFACTURER	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (mm). DIMENSIONS & TOLERANCES ARE PER ANSI Y14.5M-1982. ABBR ARE PER ANSI Y1.1-1972.		TOLERANCES UNLESS OTHERWISE SPECIFIED DEC .XX [0.X] ± .1 .XXX [0.XX] ± .04 BRACKETED DIMENSIONS ARE IN MILLIMETERS	APPROVALS DATE DRAWN: PM/H. NGUYEN 7-23-00 CHECKED: R. GILLANDERS 8-31-00 APPROVED:	
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPRIETARY PROPERTY OF MAGELLAN, INC. AND SHALL NOT BE REPRODUCED, COPIED, OR DISCLOSED, IN WHOLE OR PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF A DULY AUTHORIZED MAGELLAN EMPLOYEE.		MATERIAL: N/A FINISH: N/A	<b>MAGELLAN</b> AERIAL PROCESSING PRODUCTS ASSY, CABLE, I/O, WP Z-RS/MET STATION	
		SIZE: C	DRAWING NO.: A730417	REV: B
		UPDTER: H. NGUYEN 7-23-00	FULL	DO NOT SCALE DRAWING
		SHEET 1 OF 1		

THIRD ANGLE PROJECTION

