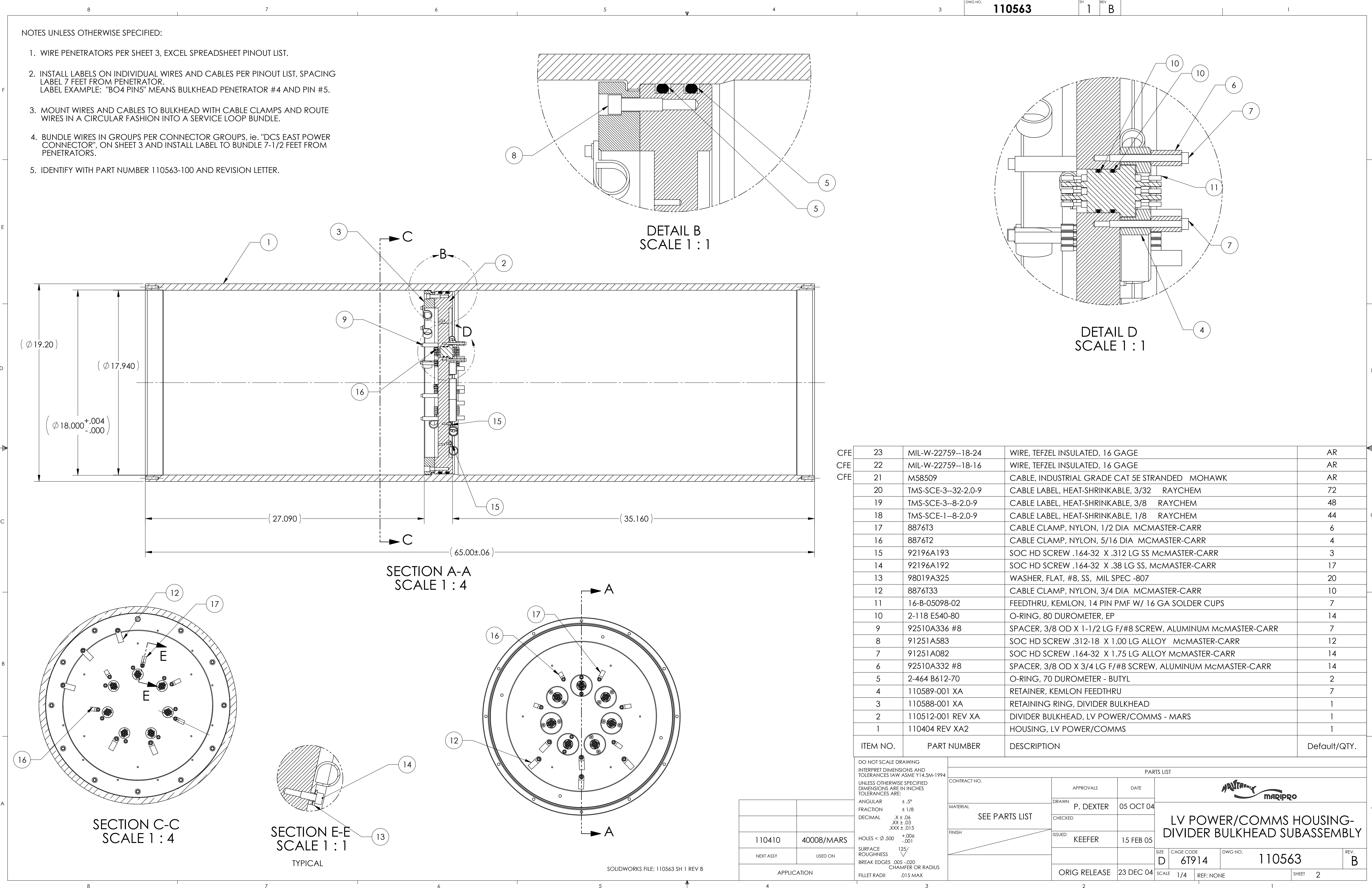




- NOTES UNLESS OTHERWISE SPECIFIED:
1. WIRE PENETRATORS PER SHEET 3, EXCEL SPREADSHEET PINOUT LIST.
 2. INSTALL LABELS ON INDIVIDUAL WIRES AND CABLES PER PINOUT LIST, SPACING LABEL 7 FEET FROM PENETRATOR.
LABEL EXAMPLE: "BO4 PIN5" MEANS BULKHEAD PENETRATOR #4 AND PIN #5.
 3. MOUNT WIRES AND CABLES TO BULKHEAD WITH CABLE CLAMPS AND ROUTE WIRES IN A CIRCULAR FASHION INTO A SERVICE LOOP BUNDLE.
 4. BUNDLE WIRES IN GROUPS PER CONNECTOR GROUPS, ie. "DCS EAST POWER CONNECTOR", ON SHEET 3 AND INSTALL LABEL TO BUNDLE 7-1/2 FEET FROM PENETRATORS.
 5. IDENTIFY WITH PART NUMBER 110563-100 AND REVISION LETTER.

DETAIL B
SCALE 1 : 1

DETAIL D
SCALE 1 : 1

SECTION A-A
SCALE 1 : 4

SECTION C-C
SCALE 1 : 4

SECTION E-E
SCALE 1 : 1

TYPICAL

SOLIDWORKS FILE: 110563 SH 1 REV B

CFE	23	MIL-W-22759--18-24	WIRE, TEFLON INSULATED, 16 GAGE	AR
CFE	22	MIL-W-22759--18-16	WIRE, TEFLON INSULATED, 16 GAGE	AR
CFE	21	M58509	CABLE, INDUSTRIAL GRADE CAT 5E STRANDED MOHAWK	AR
	20	TMS-SCE-3--32-2.0-9	CABLE LABEL, HEAT-SHRINKABLE, 3/32 RAYCHEM	72
	19	TMS-SCE-3--8-2.0-9	CABLE LABEL, HEAT-SHRINKABLE, 3/8 RAYCHEM	48
	18	TMS-SCE-1--8-2.0-9	CABLE LABEL, HEAT-SHRINKABLE, 1/8 RAYCHEM	44
	17	8876T3	CABLE CLAMP, NYLON, 1/2 DIA MCMMASTER-CARR	6
	16	8876T2	CABLE CLAMP, NYLON, 5/16 DIA MCMMASTER-CARR	4
	15	92196A193	SOC HD SCREW .164-32 X .312 LG SS MCMMASTER-CARR	3
	14	92196A192	SOC HD SCREW .164-32 X .38 LG SS, MCMMASTER-CARR	17
	13	98019A325	WASHER, FLAT, #8, SS, MIL SPEC -807	20
	12	8876T33	CABLE CLAMP, NYLON, 3/4 DIA MCMMASTER-CARR	10
	11	16-B-05098-02	FEEDTHRU, KEMLON, 14 PIN PMF W/ 16 GA SOLDER CUPS	7
	10	2-118 E540-80	O-RING, 80 DUROMETER, EP	14
	9	92510A336 #8	SPACER, 3/8 OD X 1-1/2 LG F/#8 SCREW, ALUMINUM MCMMASTER-CARR	7
	8	91251A583	SOC HD SCREW .312-18 X 1.00 LG ALLOY MCMMASTER-CARR	12
	7	91251A082	SOC HD SCREW .164-32 X 1.75 LG ALLOY MCMMASTER-CARR	14
	6	92510A332 #8	SPACER, 3/8 OD X 3/4 LG F/#8 SCREW, ALUMINUM MCMMASTER-CARR	14
	5	2-464 B612-70	O-RING, 70 DUROMETER - BUTYL	2
	4	110589-001 XA	RETAINER, KEMLON FEEDTHRU	7
	3	110588-001 XA	RETAINING RING, DIVIDER BULKHEAD	1
	2	110512-001 REV XA	DIVIDER BULKHEAD, LV POWER/COMMS - MARS	1
	1	110404 REV XA2	HOUSING, LV POWER/COMMS	1
ITEM NO.		PART NUMBER	DESCRIPTION	Default/QTY.

DO NOT SCALE DRAWING
INTERPRET DIMENSIONS AND
TOLERANCES IAW ASME Y14.5M-1994
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
ANGULAR ± .5°
FRACTION ± 1/8
DECIMAL .X ± .04
.XX ± .03
.XXX ± .015
HOLES < Ø.500 +.006
-.001
SURFACE 125/
ROUGHNESS
BREAK EDGES .005-.020
CHAMFER OR RADIUS
FILLET RADII .015 MAX

110410	40008/MARS
NEXT ASSY	USED ON
APPLICATION	

PARTS LIST			
CONTRACT NO.	APPROVALS	DATE	 LV POWER/COMMS HOUSING-DIVIDER BULKHEAD SUBASSEMBLY
MATERIAL	DRAWN P. DEXTER	05 OCT 04	
FINISH	CHECKED		
	ISSUED KEEFER	15 FEB 05	
ORIG RELEASE		23 DEC 04	SCALE 1/4 REF: NONE SHEET 2
		SIZE D CAGE CODE 6T914	DWG NO. 110563
		REV. B	