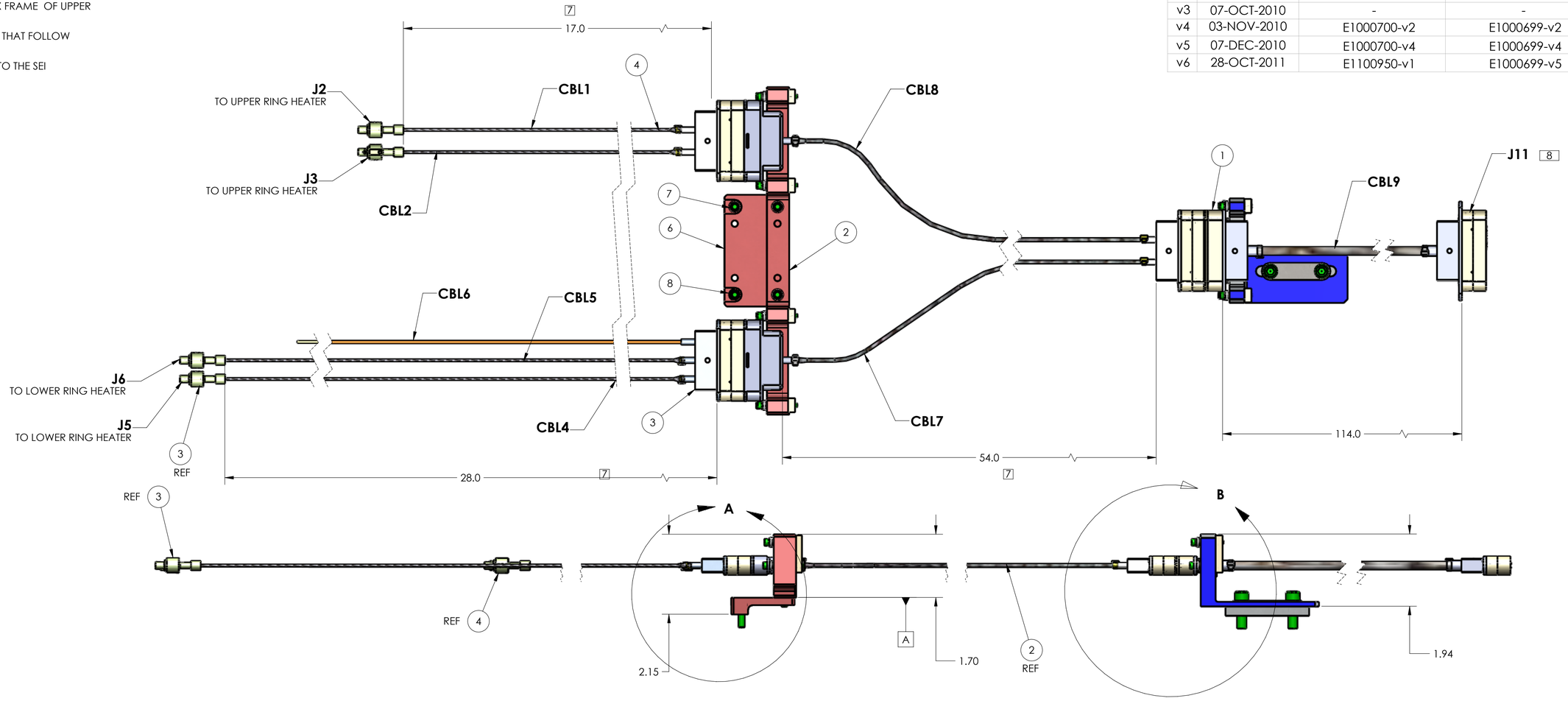
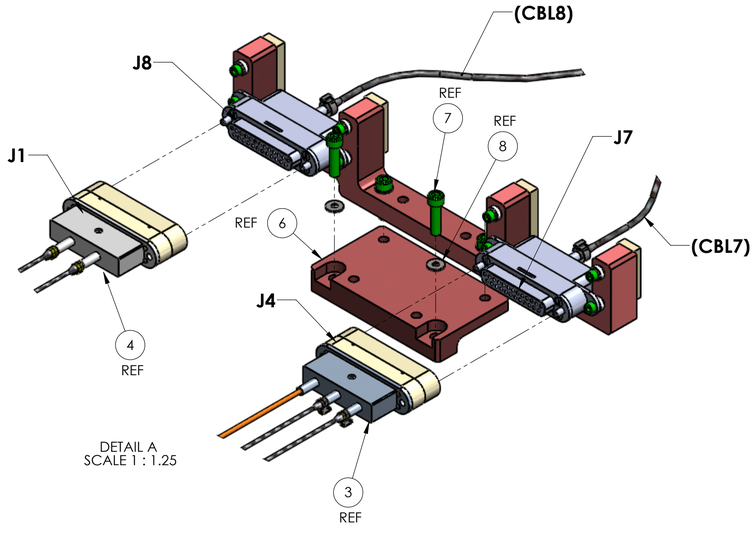
NOTES CONTINUED:

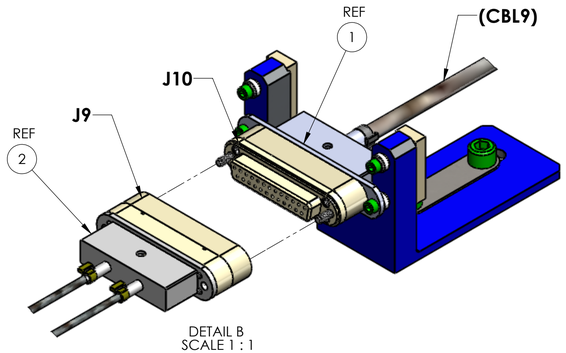
5. INTERFACE PLANE IS COINCIDENT WITH D060462, INNER PLATE LOWER QUAD STRUCTURE.
6. INTERFACE PLANE IS COINCIDENT WITH BOX FRAME OF UPPER QUAD STRUCTURE.
7. APPROXIMATE CABLE LENGTH DIMENSIONS THAT FOLLOW CURVED PATHS BETWEEN JUNCTIONS.
8. J11 SERVES AS THE INTERFACE IN VACUUM TO THE SEI SUBSYSTEM CONNECTOR

REV.	DATE	DCN #	DRAWING TREE #
v1	27-AUG-2010	-	-
v2	29-SEPT-2010	-	-
v3	07-OCT-2010	-	-
v4	03-NOV-2010	E1000700-v2	E1000699-v2
v5	07-DEC-2010	E1000700-v4	E1000699-v4
v6	28-OCT-2011	E1100950-v1	E1000699-v5





DETAIL A
SCALE 1 : 1.25



DETAIL B
SCALE 1 : 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE	TOTAL
8	WF-08-A	WASHER, FLAT, #8, .169 ID X .304 OD .032 THK	2		2
7	C810-N	SSHC, #8-32 UNC-2A X 5/8 LONG, UC-COMPONENTS	2		2
6	D1002420	aLIGO TCS RH CUSTOM BRACKET ADAPTER	1		1
5	A31189	1/8IN STAINLESS STEELCABLE TIE. WTG GROUP	10		10
4	D1001518	CABLE ASSY, UPPER HEATER	1		1
3	D1001519	CABLE ASSY, LOWER HEATER	1		1
2	D1001520	CABLE ASSY, L-QUAD TERM BLK TO U-QUAD TERM BLK	1		1
1	D1001521	CABLE ASSY, TERMINAL BLK TO UPPER QUAD	1		0

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .05
.XXX ± .010

ANGULAR ± 1.0°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, R.02 MIN.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL: N/A
FINISH: N/A µinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: AOS
NEXT ASSY: D1002027

PART NAME: TCS Ring Heater In-Vac Cable Assembly

DESIGNER	A.COLE	26-AUG-2010	SIZE	D
DRAFTER	A.COLE	27-AUG-2010		
CHECKER	S.O'CONNOR	26 SEPT 2011		
APPROVAL	A. BROOKS	26 SEPT 2011		

DWG. NO. D1001517 REV. v6

SCALE: 1:24 PROJECTION: SHEET 1 OF 1

D1001517_TCS Ring Heater In-Vac Cable Assembly, PART PDM REV: X-023, DRAWING PDM REV: X-021