



CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

E980094-01-W

DRWG NO. REV. GID

SHEET 1 OF 3

ASSY NO. E980031

PROJECT DRAWING LIST

TITLE
Beam Tube Bakeout Electrical Equipment Assemblies

APPROVALS:	DATE	REV	DCN NO	BY	CHK	DCC	DATE
DRAWN: W. Althouse	5/14/98	01		wea			4/26/99
CHECKED:							
APPROVED:							
DCC RELEASE:							

DRWG NO.	TITLE	DCN
Portable AC Power Assemblies		
E980022-C	Specification for Electrical Contractor Services	E980093-00
E980031-C	Assembly Summary	E980093-00
D980097-C	Plan view - Bakeout Equipment Arrangement - Y2 Module	E980099-00
D980096-C	Plan view - Bakeout Equipment Arrangement - Y1 Module	E980099-00
D980094-C	Plan view - Bakeout Equipment Arrangement - X1 Module	E980099-00
D980095-C	Plan view - Bakeout Equipment Arrangement - X2 Module	E980099-00
D980098-B	Bakeout Equipment Details	E980098-00
E980030-A	Beam Tube Grounding During Bakeout - Assembly 'I'	E980032-00
E970193-B	Portable Power Cable - NEC Type W	E980002-00
E980006-A	Heater Relay Panel Assemblies	E980007-00
E980008-A	Portable Power Panelboard Assemblies	E980007-00
E980023-B	Specification for Electrical Panelboard Assembly 'A1'	E980093-00
D980047-E	Assembly 'A1' - 120/208 Volt 3 Phase Service	E980098-00
D980048-B	Riser Diagram - Assembly 'A1'	E980093-00
D980049-C	Bill of Materials - Assembly 'A1'	E980093-00
D980050-B	Subassembly 'A1-1' - Panel 'A1' (part of E980008)	E980093-00
D980051-C	Panel Schedule for Panel 'A1' (part of E980008)	E980098-00
D980052-B	Bill of Materials - Subassembly 'A1-1' (part of E980008)	E980093-00
E980024-A	Specification for Electrical Panelboard Assembly 'A2'	E980032-00
D980053-C	Assembly 'A2' - 120/208 Volt 3 Phase Service	E980098-00
D980055-C	Bill of Materials - Assembly 'A2'	E980093-00
D980056-C	Subassembly 'A2-1' - Panel 'A2' (part of E980008)	E980093-00
D980057-D	Panel Schedule for Panel 'A2' (part of E980008)	E980098-00
D980058-C	Bill of Materials - Subassembly 'A2-1' (part of E980008)	E980093-00
E980025-B	Specification for Electrical Panelboard Assembly 'A3'	E980093-00
D980059-E	Assembly 'A3' - 120/208 Volt 3 Phase Service	E980098-00
D980060-B	Riser Diagram - Assembly 'A3'	E980093-00
D980061-C	Bill of Materials - Assembly 'A3'	E980093-00
D980062-B	Subassembly 'A3-1' - Panel 'A3' (part of E980008)	E980093-00
D980063-C	Panel Schedule for Panel 'A3' (part of E980008)	E980098-00
D980064-B	Bill of Materials - Subassembly 'A3-1' (part of E980008)	E980093-00



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TITLE

Beam Tube Bakeout Electrical Equipment Assemblies

DRWG NO.	TITLE	
DC Power Supply and Tube Connection Assemblies		
E980026-B	Specification for DC Power Supply Assembly 'B2'	E980093-00
D980079-C	Portable DC Power Supply with 277/480 V, 3 ϕ Metered Service	E980098-00
D980087-D	Riser diagram - Assembly 'B2'	E980098-00
D980088-C	Panel 'B2' Metering cabinet	E980098-00
D980089-C	Bill of Materials - Assembly 'B2'	E980093-00
D980090-B	Subassembly B2-1 Schematic Diagram (part of E980008)	E980098-00
D980080-C	DC Shunt Cabinet - Assembly 'G'	E980098-00
D980081-B	DC Shunt Cabinet - Splice Plate Item #212	E980093-00
D980101-A	DC Shunt Cabinet - Splice Plate Item #213	E980093-00
D980082-B	DC Shunt Cabinet - Splice Plate Item #214	E980093-00
D980054-C	Bill of materials - Assembly 'G'	E980098-00
D980066-B	120/240 V, 50 A Weatherproof Power Cord Set Assembly 'C1'	E980093-00
D980065-B	Bill of Materials - Assembly 'C1'	E980093-00
D980067-B	Bill of Materials - Misc. Cord Sets and Adapters 'C2-C12'	E980014-00
E980027-A	Specification for 15 kV Transition Box Assembly 'E'	E980032-00
D980072-A	15 kV Transition Box - Assembly 'E'	E980032-00
D980073-A	Bill of Materials - Assembly 'E'	E980032-00
E980028-A	Specification for Beam Tube DC Connections Assembly 'D'	E980032-00
D980077-C	Tube Bakeout DC Tube Connection (Assembly 'D')	E980098-00
D980078-A	Bill of Materials - Assembly 'D'	E980032-00
D980068-B	Tube Bakeout DC Connector - Subassembly 'D-1'	E980098-00
D980069-A	Tube Bakeout DC Connection Ring Extension - 306T	E980032-00
D980070-A	Tube Bakeout DC Connection Ring Extension - 306B	E980032-00
D980071-A	Bill of Materials - Subassembly 'D-1'	E980032-00
D980083-B	Tube Bakeout DC Connection Box (Subassembly 'D-2')	E980098-00
D980084-A	Splice plate	E980032-00
D980085-B	Bill of Materials	E980098-00



PROJECT DRAWING LIST

TITLE

Beam Tube Bakeout Electrical Equipment Assemblies

DRWG NO.	TITLE	
Heater Blanket Relay Panel Assemblies		
E980029-B	Heater Blanket Relay Panel Installation - Assembly 'H'	E980093-00
D980021-B	Heating Blanket Relay Panel Box 'H1' Ass'y (part of E980006)	E980093-00
D980022-B	Assembly 'H1' Connection Diagram (part of E980006)	E980093-00
D980023-B	Assembly 'H1' Schematic Diagram (part of E980006)	E980093-00
D980038-A	Bill of Materials - Assembly 'H1' (part of E980006)	E980007-00
D980024-A	Heating Blanket Relay Panel Assembly 'H2'	E980093-00
D980039-A	Bill of Materials - Assembly 'H2'	E980093-00
D980025-A	Subass'y 'H2-1' Heating Blanket Panel 'H2' (part of E980006)	E980007-00
D980026-B	Subass'y 'H2-1' Connection Diagram (part of E980006)	E980093-00
D980027-B	Subass'y 'H2-1' Schematic Diagram (part of E980006)	E980093-00
D980091-A	Controller Display & Equip. Connector Details (part of E980006)	E980007-00
D980040-A	Bill of Materials - Subass'y 'H2-1' (part of E980006)	E980007-00
D980028-A	Heating Blanket Relay Panel Assembly 'H3'	E980093-00
D980041-A	Bill of Materials - Assembly 'H3'	E980093-00
D980029-A	Subass'y 'H3-1' Heating Blanket Panel 'H2' (part of E980006)	E980007-00
D980030-B	Subass'y 'H3-1' Connection Diagram (part of E980006)	E980093-00
D980031-B	Subass'y 'H3-1' Schematic Diagram (part of E980006)	E980093-00
D980091-A	Controller Display & Equip. Connector Details (part of E980006)	E980007-00
D980042-A	Bill of Materials - Subass'y 'H3-1' (part of E980006)	E980007-00
D980032-A	Heating Blanket Relay Panel Assembly 'H4'	E980093-00
D980043-A	Bill of Materials - Assembly 'H4'	E980093-00
D980033-A	Subass'y 'H4-1' Heating Blanket Panel 'H2' (part of E980006)	E980007-00
D980034-B	Subass'y 'H4-1' Connection Diagram (part of E980006)	E980093-00
D980035-B	Subass'y 'H4-1' Schematic Diagram (part of E980006)	E980093-00
D980091-A	Controller Display & Equip. Connector Details (part of E980006)	E980007-00
D980044-A	Bill of Materials - Subass'y 'H4-1' (part of E980006)	E980007-00
D980036-A	Heating Blanket Cord Set Assembly 'HC' (part of E980006)	E980007-00
D980045-A	Bill of Materials - Assembly 'HC' (part of E980006)	E980007-00
D980099-A	Heating Blanket-Junction Box Cord Set 'HC1' (part of E980006)	E980093-00
D980100-A	Bill of Materials - Assembly 'HC1' (part of E980006)	E980093-00
D980037-A	6-Way Junction Box Assembly 'HJ1' (part of E980006)	E980007-00
D980046-A	Bill of Materials - Assembly 'HJ1' (part of E980006)	E980007-00
D980092-A	2-Way Junction Box Assembly 'HJ2' (part of E980006)	E980007-00
D980093-A	Bill of Materials - Assembly 'HJ2' (part of E980006)	E980007-00