DRAWING NUMBER
AJE0175
SHEET 1 OF 1

BSOIS

THIRD ANGLE PROJECTION

PART NUMBER	ITEM No.	No OFF	DESCRIPTION	REMARKS	MAT'L	QUANTITY PER ASSY

FOR DETAILS OF INTERFACE WITH DEWAR SEE AJE0141

HELIUM & NITROGEN WIRES RUN FROM PLATE TO ELECTRICAL VACUUM FEEDTHROUGHS

HELIUM CONNECTING WIRES FEEDTHROUGH

TOP ENDS OF CURRENT STACK ASSY SHOWN) SOP OUT OF POSITION

FOR DETAILS OF BRAID CLAMPS SEE BJE0194

TEMPERATURE SENSORS ON HELIUM PIPES
TS7 & CU1 COIL THERMOSYPHON RETURN (BONDED IN ELBOW)
AS84 COIL THERMOSYPHON RETURN ON PIPE (ALUMINIUM TAPED)
TS88 CU2 COIL THERMOSYPHON FEED IN ELBOW (BONDED IN ELBOW)
TS27 POT THERMOSYPHON RETURN IN ELBOW (BONDED IN ELBOW)
TS28 GAS FEED TO LEADS (BONDED)

2D CONNECTORS FOR NITROGEN SENSORS. ABOVE THIS POINT WIRES FOLLOW N_2 RETURN PIPE SPIRAL UP RADSCREEN. 4 FURTHER TEMPERATURE SEUSORS — No 5 9 AND AST 2 (ATTACHED TO FEED) AND 10 AND AST 2 (ATTACHED TO RETURN) AT POINT ACCESSIBLE FROM SERVICE PORT AND WIRES THEN FOLLOW ROUTE OF OTHER SENSORS WIRES. SENSORS ATTACHED USING ALUMINIUM TAPE AND THERMALLY CONDUCTIVE COMPOUND

H1 — H4
4D CONNECTORS FOR HELIUM INSTRUMENTATION ABOVE THIS POINT WIRES TAPED TO OUTSIDE OF STAINLESS STEEL CURRENT LEAD CASE. VOLTAGE TAPS AND FOLLOWING SENSORS JOIN WIRES UP STAINLESS STEEL CASING: TS7, TS27, TS8, TS28 AST4, CU1 AND CU2.

SEE AJE0174

VOLTAGE TAP 6

VOLTAGE TAP 7

ISSUE	DATE	CHANGE No	ISSUE	DATE	CHANGE No	ISSUE	DATE	CHANGE No
A	11/12/2000							

TOLERANCES		TITLE
METRIC	IMPERIAL	SERVICE TURRET INSTRUMENTATION
X ± .5	X.X ± .015	
X.X ± .1	X.XX ± .010	
X.XX ± .1	X.XXX ± .005	

DRN	CHKD	APPD	DIMENSIONS IN
LAG			mm
DATE	DATE	DATE	SCALE
8.9.86			FULL

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OXFORD
Oxford Instruments Limited
Osney Mead
Oxford OX2 0DX
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