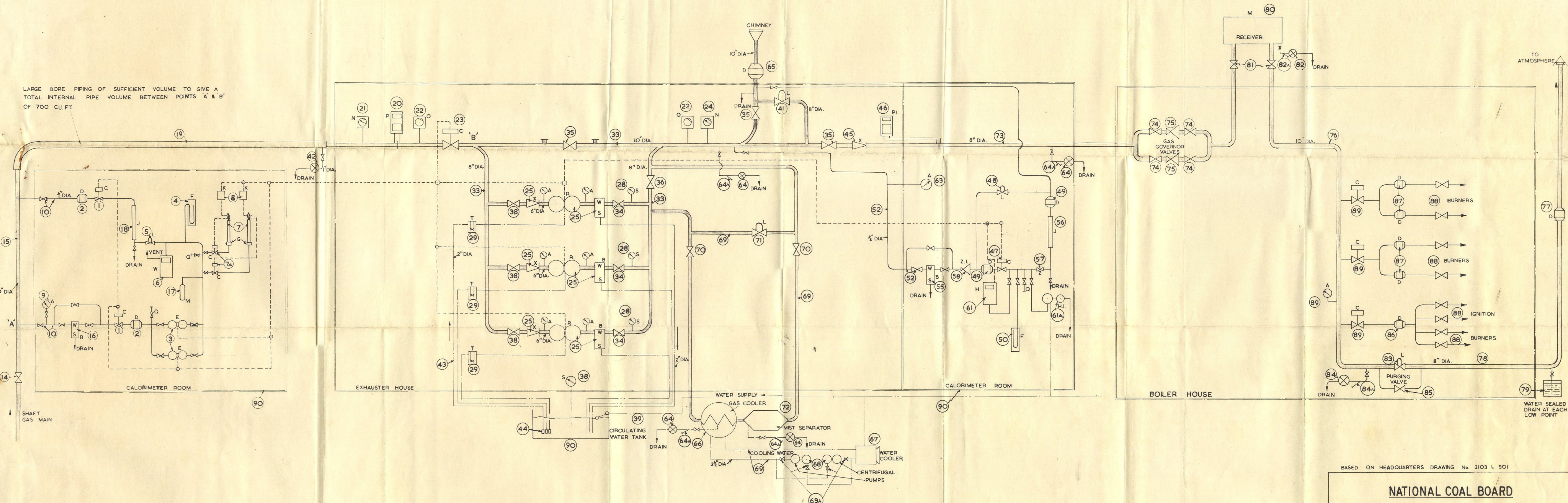


LARGE BORE PIPING OF SUFFICIENT VOLUME TO GIVE A TOTAL INTERNAL PIPE VOLUME BETWEEN POINTS 'A' & 'B' OF 700 CU. FT.



KEY

- | | | | |
|----------------------------------|---------------------------|------------------------------------|-----------------------------------|
| A PRESSURE GAUGE | F U-TUBE WATER GAUGE | K ELECTRICAL RELAY | P INLET GAS FLOW METER & RECORDER |
| B WATER SEPARATOR & FILTER | G OXYGEN DETECTING BURNER | L PRESSURE RELIEF VALVE | Q TESTING COCK |
| C ELECTRO MAGNETIC CUT-OFF VALVE | H RECORDING CALORIMETER | M GAS RECEIVER VESSEL | R GAS EXTRACTION PUMP |
| D FLAME ARRESTOR | H.I. BOYES CALORIMETER | N PRESSURE RECORDER & INDICATOR | S TEMPERATURE INDICATOR |
| E SAMPLING GAS CIRCULATING PUMP | J ROTAMETER | O TEMPERATURE RECORDER & INDICATOR | T WATER FLOW INDICATOR & SWITCH |

- | | |
|---------------------------------------|---|
| P.I. OUTLET GAS FLOW METER & RECORDER | U METHANOMETER |
| Q TESTING COCK | W SPECIFIC GRAVITY RECORDER |
| R GAS EXTRACTION PUMP | X NON RETURN VALVE |
| S TEMPERATURE INDICATOR | Z NEEDLE TYPE FLOW REGULATING VALVE |
| T WATER FLOW INDICATOR & SWITCH | Z.I. PRESSURE REDUCING & REGULATING VALVE |

NOTES

- INDICATES ELECTRICAL SHUT DOWN CIRCUIT
- INDICATES WATER CIRCUIT
- THE RINGED NUMBERS REFER TO THE ITEM NUMBERS IN THE SCHEDULE OF EQUIPMENT

BASED ON HEADQUARTERS DRAWING No. 3103 L 501

**NATIONAL COAL BOARD
WEST MID. DIV. No. 1. (NORTH STAFFS) AREA
CHATTERLEY WHITFIELD UNIT**

ENGINEERING DEPT. LEAK ROAD STOKE - ON - TRENT

SCHEMATIC LAYOUT OF FIREDAMP

EXTRACTION AND UTILISATION PLANT.

SCALE : **DIAGRAMMATIC** DATE : **15/10/59**

A 7.12.59 C.K.	METHANOMETER INDICATOR REMOVED.	DRAWN BY	R.V.B.	DRG. No. 580/17M/CW
	6BC ALTERED TO 69A.	TRACED BY		
	6\"/>			