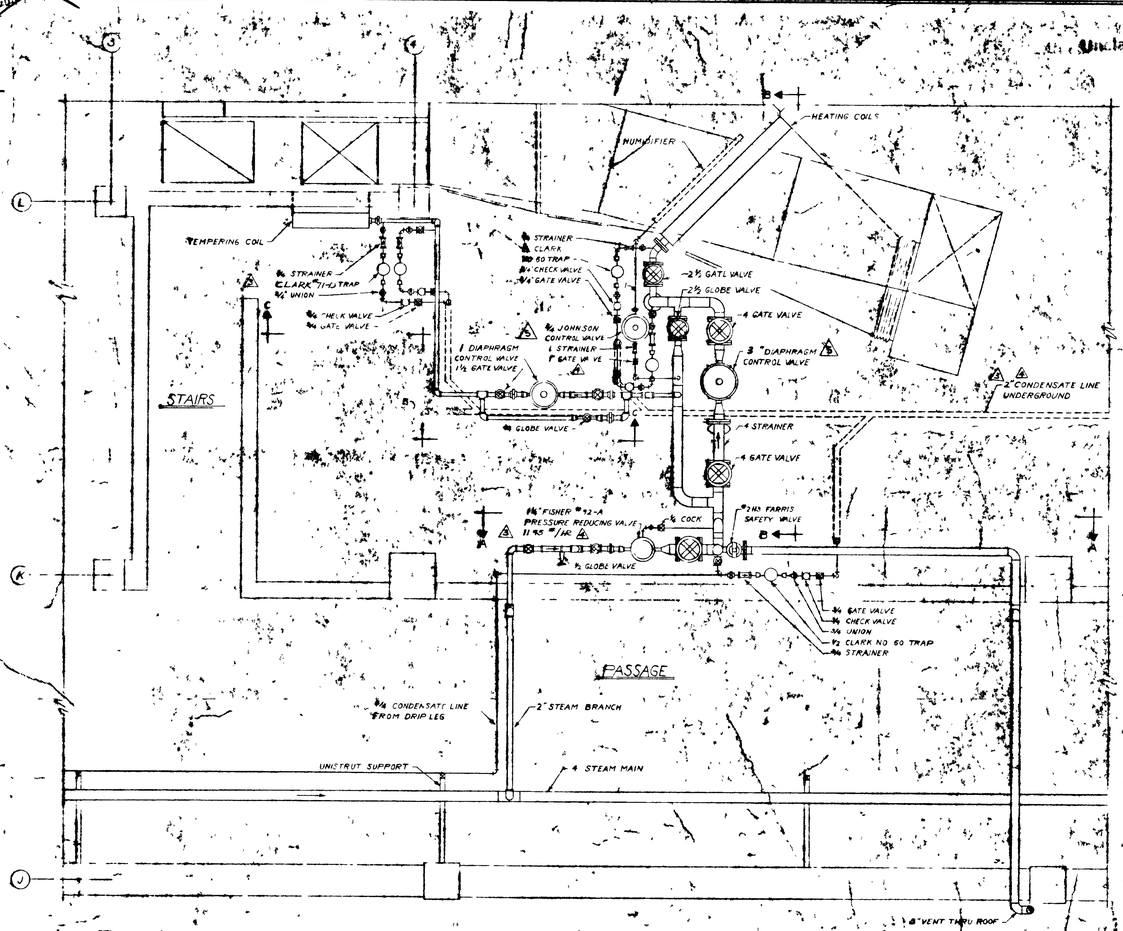
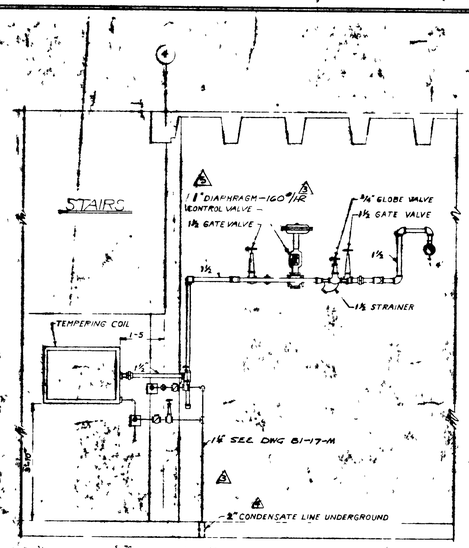
DECLASSIFIED UNCLASSIFIED



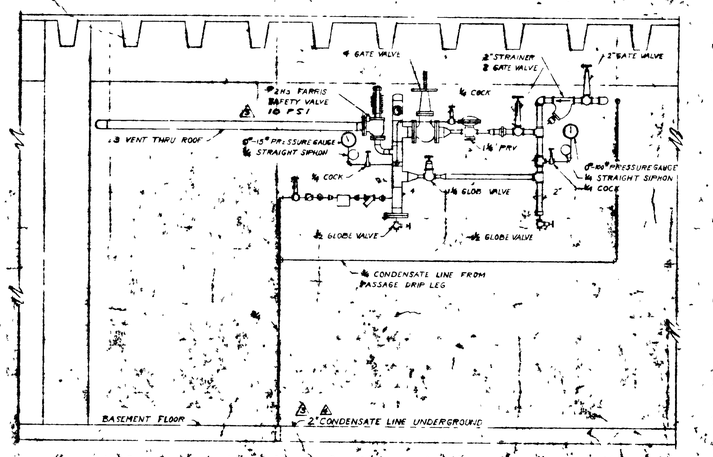
PLAN VIEW

SCALE ½"=1'-0"



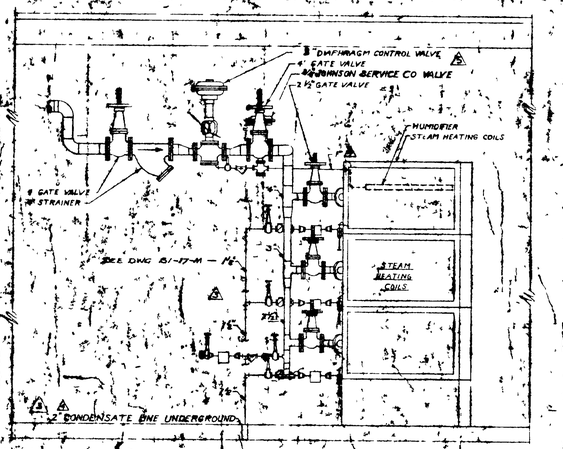
SECTION C-C

SCALE ½"=1'-0"



SECTION A-A

SCALE ½"=1'-0"



SECTION B-B

SCALE ½"=1'-0"

GENERAL NOTES

1. PITCH ALL STEAM AND CONDENSATE PIPING IN DIRECTION OF FLOW NOT LESS THAN ¼" TO EACH 10' HORIZONTAL DISTANCE
2. PRESSURE REDUCING VALVE FOR REDUCTION FROM APPROXIMATELY 80 PSI TO 5 PSI STEAM PRESSURE, TO BE FISHER TYPE 92-A OR EQUAL
3. MODULATING STEAM CONTROL VALVES TO BE FISHER TYPE 555-T DIAPHRAGM MOTOR, SINGLE SEATED WITH SKIRT GUIDED CHARACTERIZED PORT INNER VALVE TO CLOSE ON AIR FAILURE, OR EQUAL
4. COIL TRAPS TO BE CLARK NO 71-0 INVERTED BUCKET TYPE OR EQUAL DRIP TRAPS TO BE NO GO.
5. MAXIMUM REQUIREMENTS
   PRESSURE REDUCING VALVE - 1195#/HR
   HEATING COILS - 940 #/HR
   TEMPERING COIL - 1605#/HR
   HUMIDIFIER - 75 #/HR

REFERENCE DRAWINGS

- BI-4-M SOUTHWEST EQUIPMENT ROOM
- BI 10-M PIPING LAYOUT - BASEMENT & TUNNELS
- BI-17 M STEAM CONNECTIONS ISOMETRICS
- BI-24 M VENTILATING SYSTEMS-EQUIPMENT ROOMS
- BI-25 M PIPING LAYOUT - ANCHORS & SUPPORTS
- BI-29 M PRESSURE REDUCING STATIONS

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Date 12-2-97
By [illegible] 2-2-98
Date 2-2-98

REV. NO.	DATE	ISSUED FOR	BY	APP. DATE
6	11 16 53	AS BUILT	GO	11-16-53
5	4-1858	DEVIATION REQUEST No. 7808	LP	
4	4-24-52	REVISION REQUEST NO 592	GA	
3	3-26-52	REVISION REQUEST NO 458	GA	
2	2 6 52	CONSTRUCTION "B"	W	2-6-52
1	1 30 52	APPROVAL A&C	GP	

UNITED STATES
ATOMIC ENERGY COMMISSION

SMITH, HINCHMAN & GRYLLS, INC.
ARCHITECTS & ENGINEERS
DETROIT 26, MICHIGAN

DRAWING TITLE

PIPING LAYOUT - STEAM SOUTHWEST EQUIPMENT ROOM

DESIGNED APPROVED - DATE	DRAWING APPROVED - DATE	DRAWING SUBMITTED - DATE
W J Kitchen 10-1-52	H W SAVAGE 2-5-52	R J BROWN 2-5-52
DRAWN W MANDELS	CHECKED CHECK DIV.	A & E SUPERVISION
IN CHARGE	DATE / APPROVED	DATE / APPROVED
PROJECT "C" PLANT	SECTION ADMINISTRATION C-109	SHEET BI-27-M

8768

REVIEWED FOR CLASSIFICATION
sm 06/22/2014
Initials Date
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