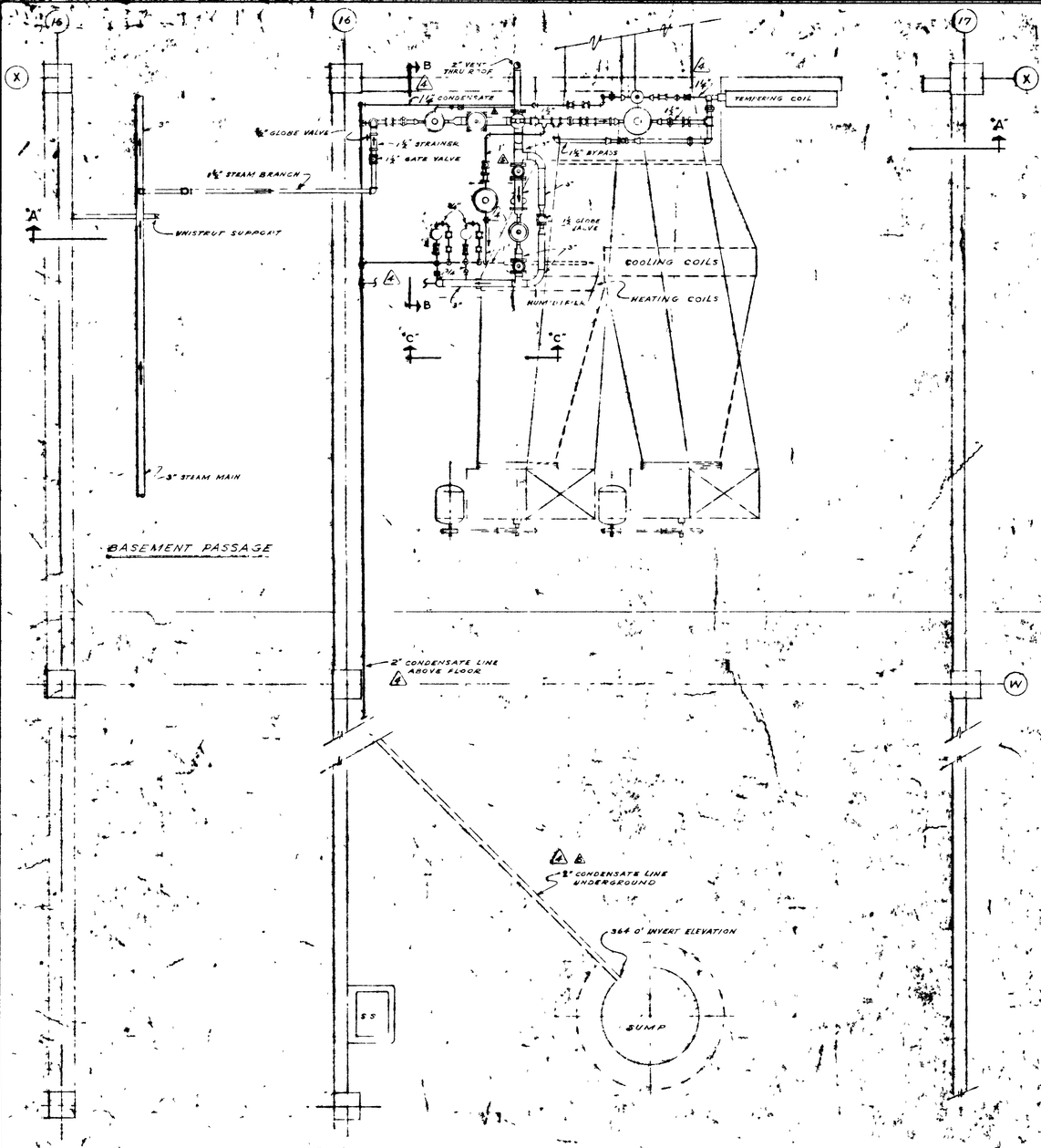
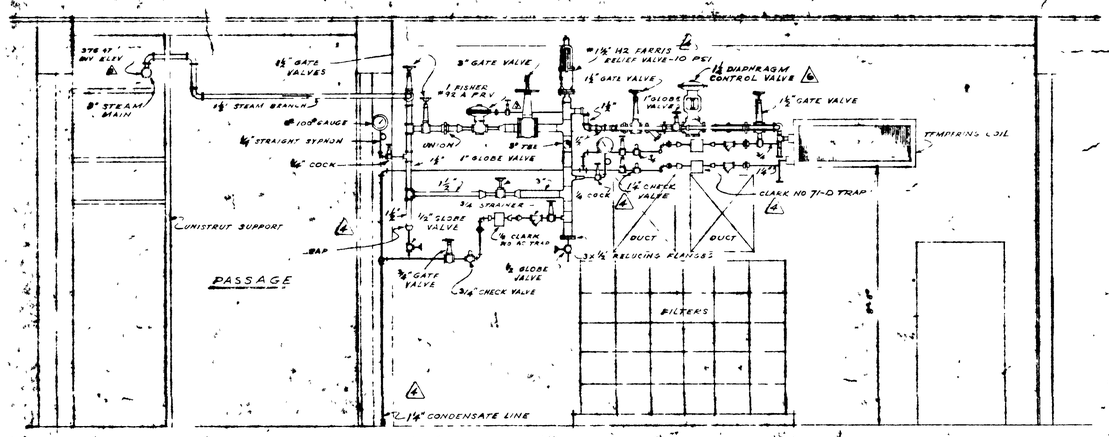
UNCLASSIFIED
SECURITY INFORMATION

Unclassified



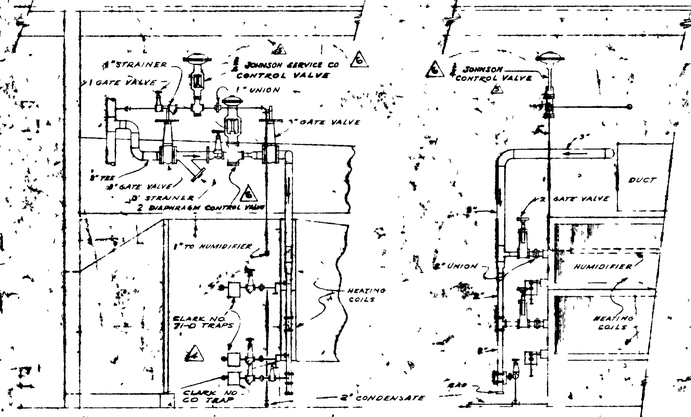
PLAN VIEW

SCALE - ½" = 1'-0"



SECTION "A-A"

SCALE - ½" = 1'-0"



SECTION "B-B"

SCALE - ½" = 1'-0"

SECTION "C-C"

SCALE - ½" = 1'-0"

GENERAL NOTES

1. PITCH ALL STEAM AND CONDENSATE PIPING IN DIRECTION OF FLOW NOT LESS THAN ½" TO EACH 10 FT. HORIZONTAL DISTANCE.
2. PRESSURE REDUCING VALVE TO BE FISHER TYPE 92 A, OR EQUAL FOR REDUCTION FROM APPROX. 50 P.S.I. TO 5 P.S.I. STEAM PRESSURE.
3. MODULATING STEAM CONTROL VALVES TO BE FISHER TYPE 555-T DIAPHRAGM MOTOR, SINGLE SEATED WITH SKIRT-GUIDED CHARACTERIZED V-PORT INNER VALVE, TO CLOSE ON AIR FAILURE, OR EQUAL.
4. COIL TRAPS TO BE CLARK NO 71-D, INVERTED BUCKET, TYPE OR EQUAL DRIP TRAPS TO BE NO 60.
5. MAXIMUM REQUIREMENTS
   - STEAM PRESS RED V = 890 #/HR.
   - HEATING COILS - 820 #/HR.
   - TEMPERING COIL - 230 #/HR.
   - HUMIDIFIER - 90 #/HR.

REFERENCE DRAWINGS

- M-7-M - NORTHEAST EQUIPMENT ROOM
- M-11-M - PIPING LAYOUT - BASEMENT & TUNNELS
- M-17-M - STEAM CONNECTIONS ISOMETRICS
- M-23-M - VENTILATING SYSTEMS EQUIPMENT ROOMS
- M-25-M - PIPING LAYOUT - ANCHORS & SUPPORTS
- M-24-M - STEAM PRESSURE REDUCING STATIONS

REVIEWED FOR CLASSIFICATION
KW 05/23/2014
Initials Date
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REV NO	DATE	ISSUED FOR	BY	APP. DATE
7	11 16 53	AS BUILT	GO	11 16 53
6	4-28-53	DEVIATION REQUEST No 780-M	NP	
5	4-24-52	REVISION REQUEST NO 592	AR	
4	3-26-52	REVISION REQUEST NO 458	OR	
3	1 15 52	REVISION REQUEST NO 227	GJM	
2	1-15-52	CONSTRUCTION "B"	W	1-5-52
1	12-24-51	APPROVAL A.E.C.	WW	

UNITED STATES
ATOMIC ENERGY COMMISSION

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

DRAWING TITLE

PIPING LAYOUT - STEAM NORTHEAST EQUIPMENT ROOM

DRAWING APPROVED - DATE	DRAWING APPROVED - DATE	DRAWING APPROVED - DATE
12-31-51	H.W. SAUNDE 1-5-52	R.F. BROWN 1-8-52
ASSISTANT ENGINEER	GARRISON DIVISION ENGR. DIV.	ENGINEER
DRAWN: SKORINA	DATE 12/51	CHECKED: DATE 1-8-52
W. SHOP APPR.	DATE	SUPERVISING ENGR. DATE
PROJECT "C" PLANT	SUBJECT ADMINISTRATION C-100	DRAWING NO. BI-4-M

8768