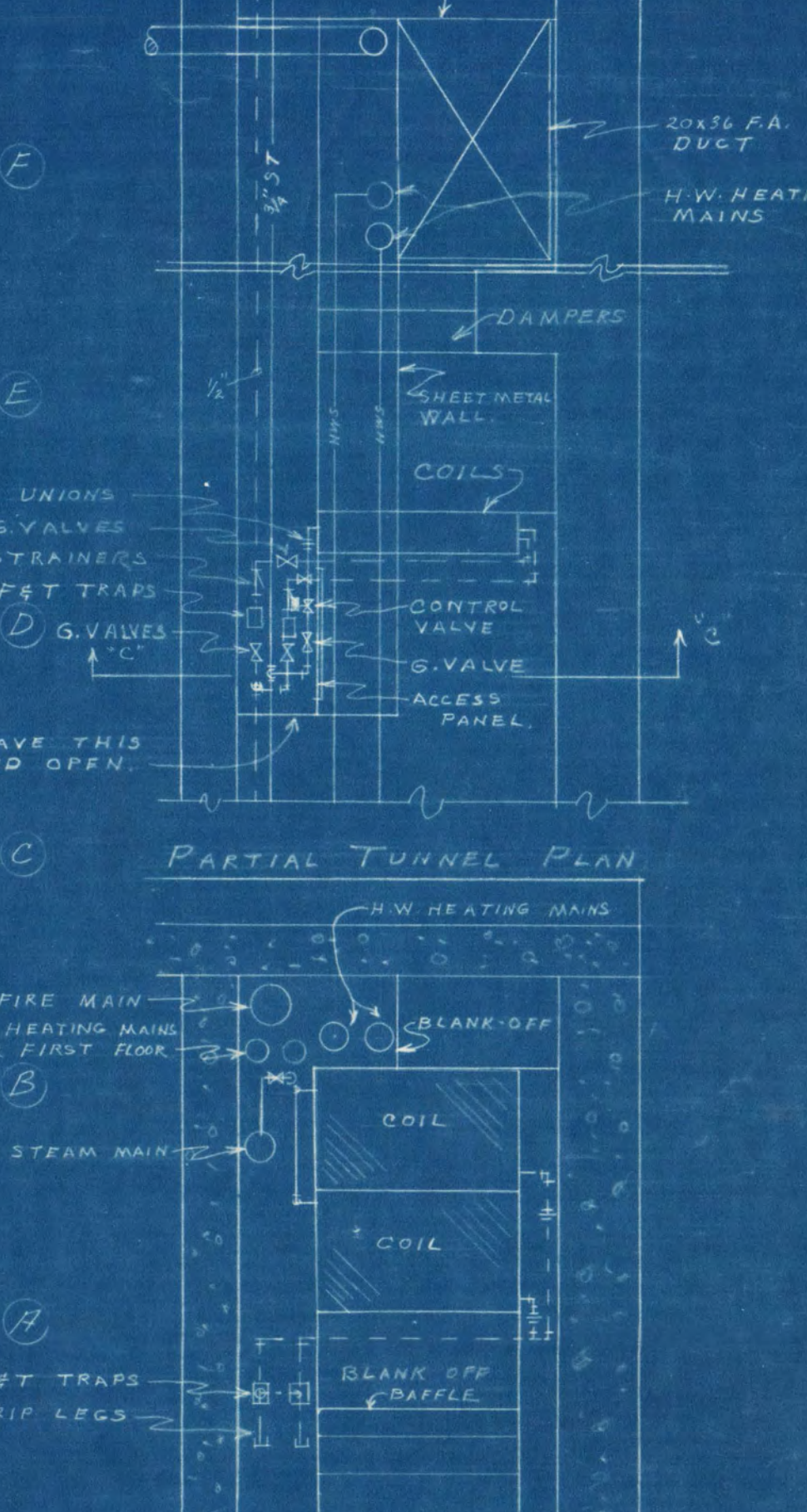
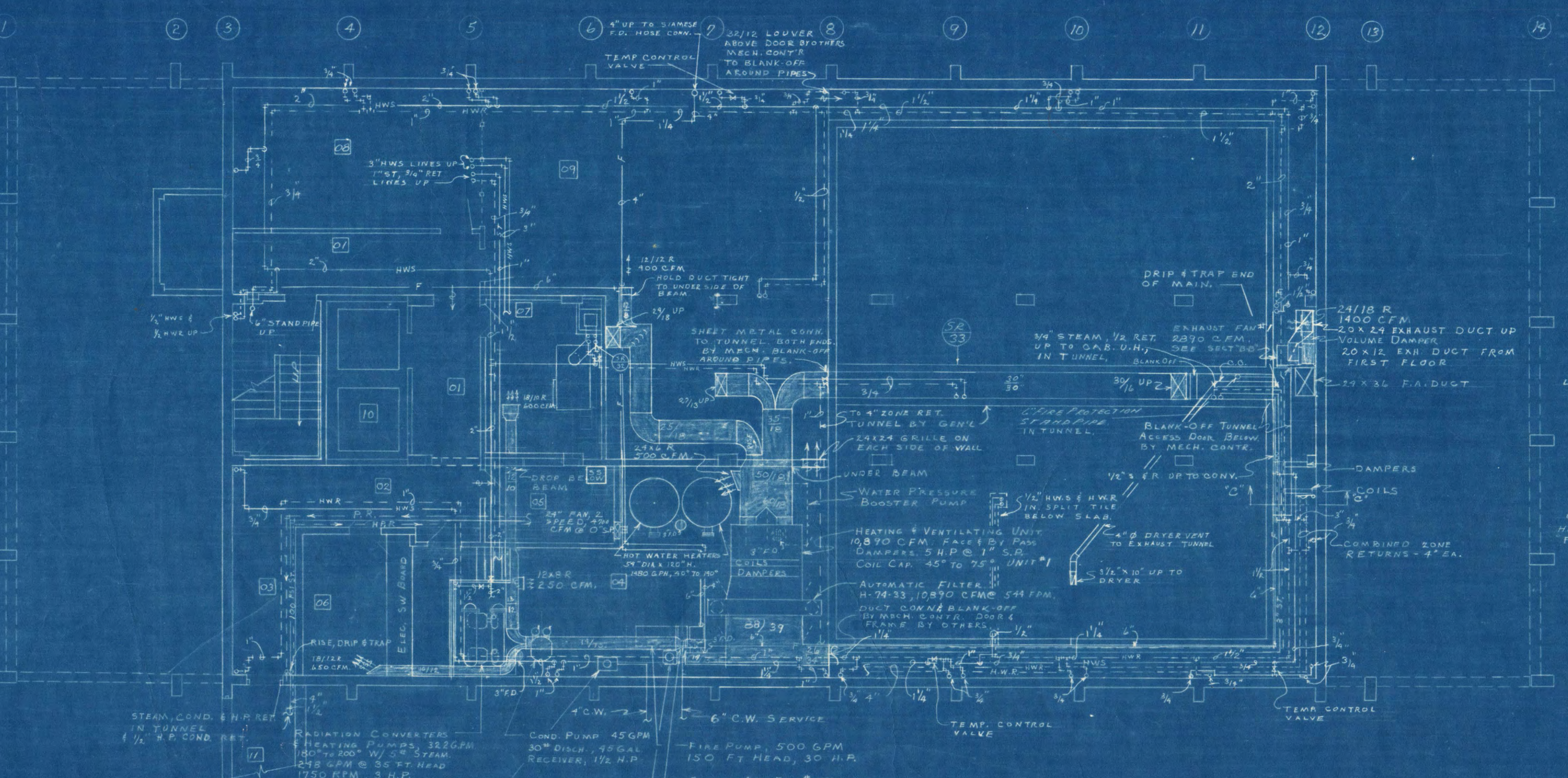
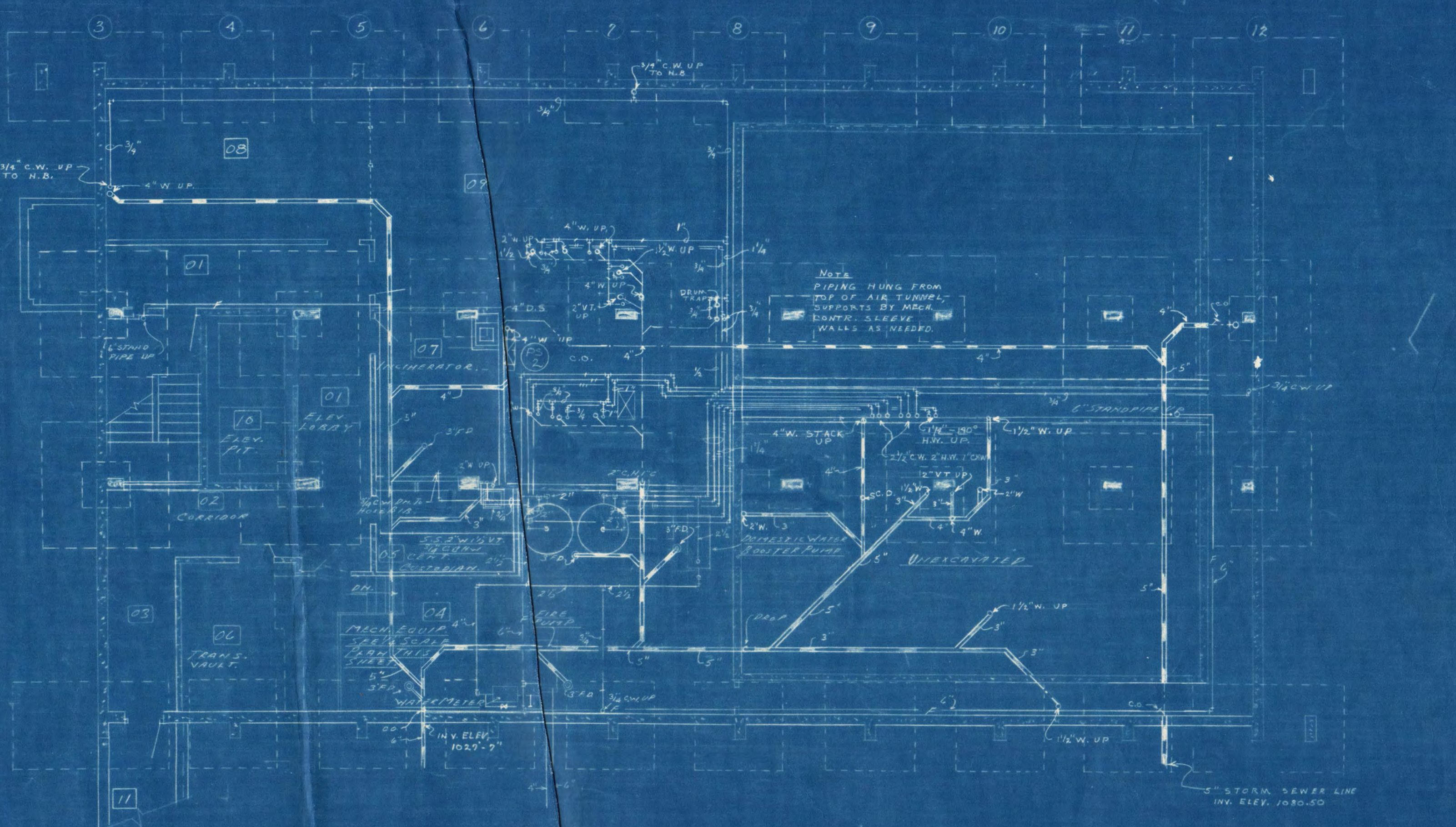
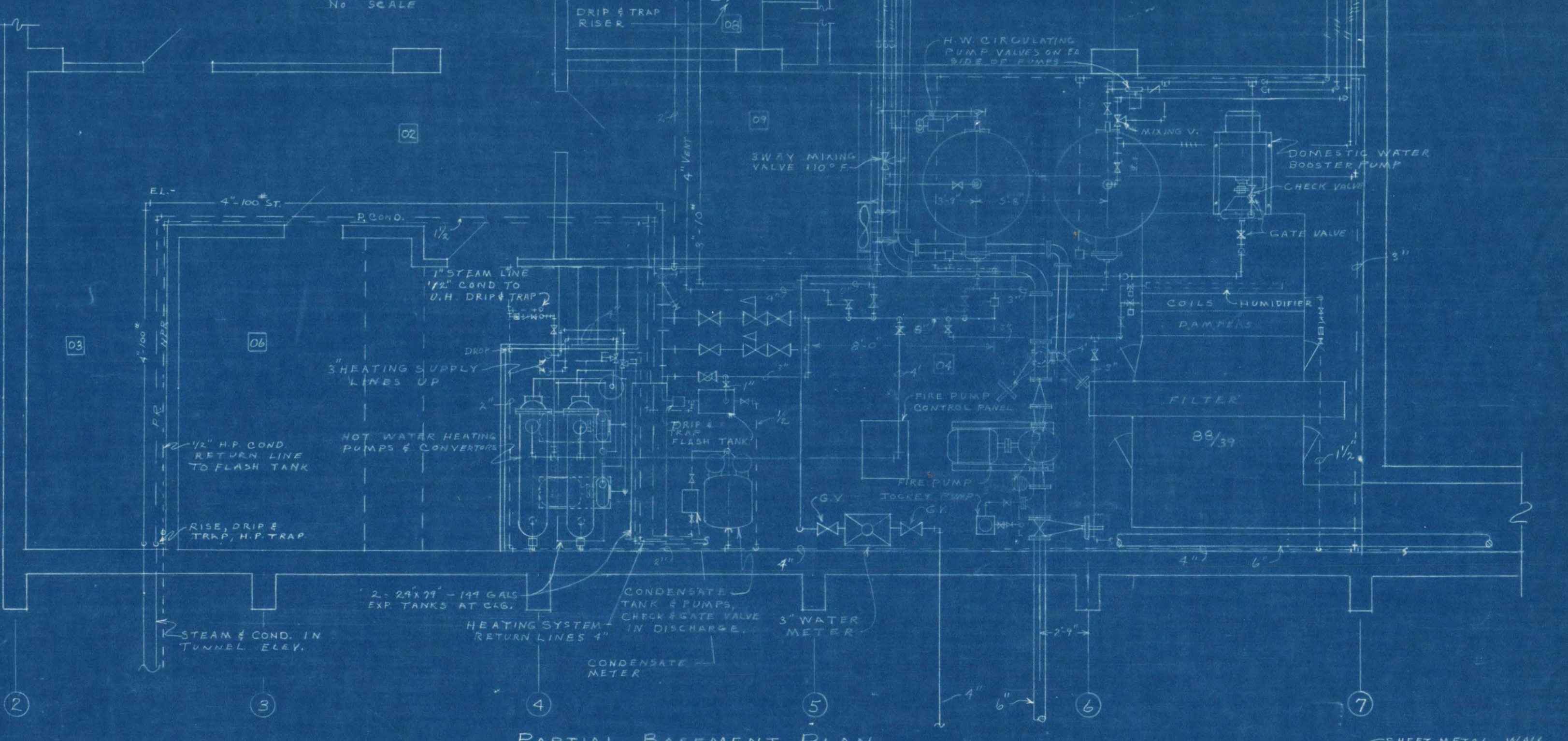
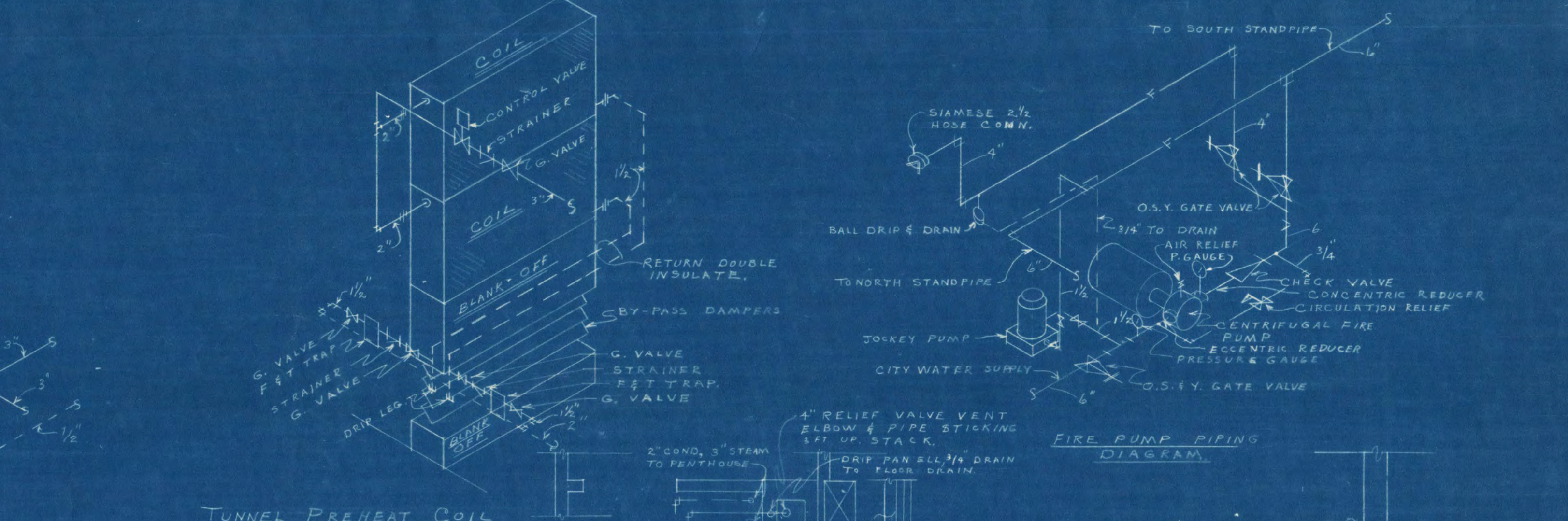
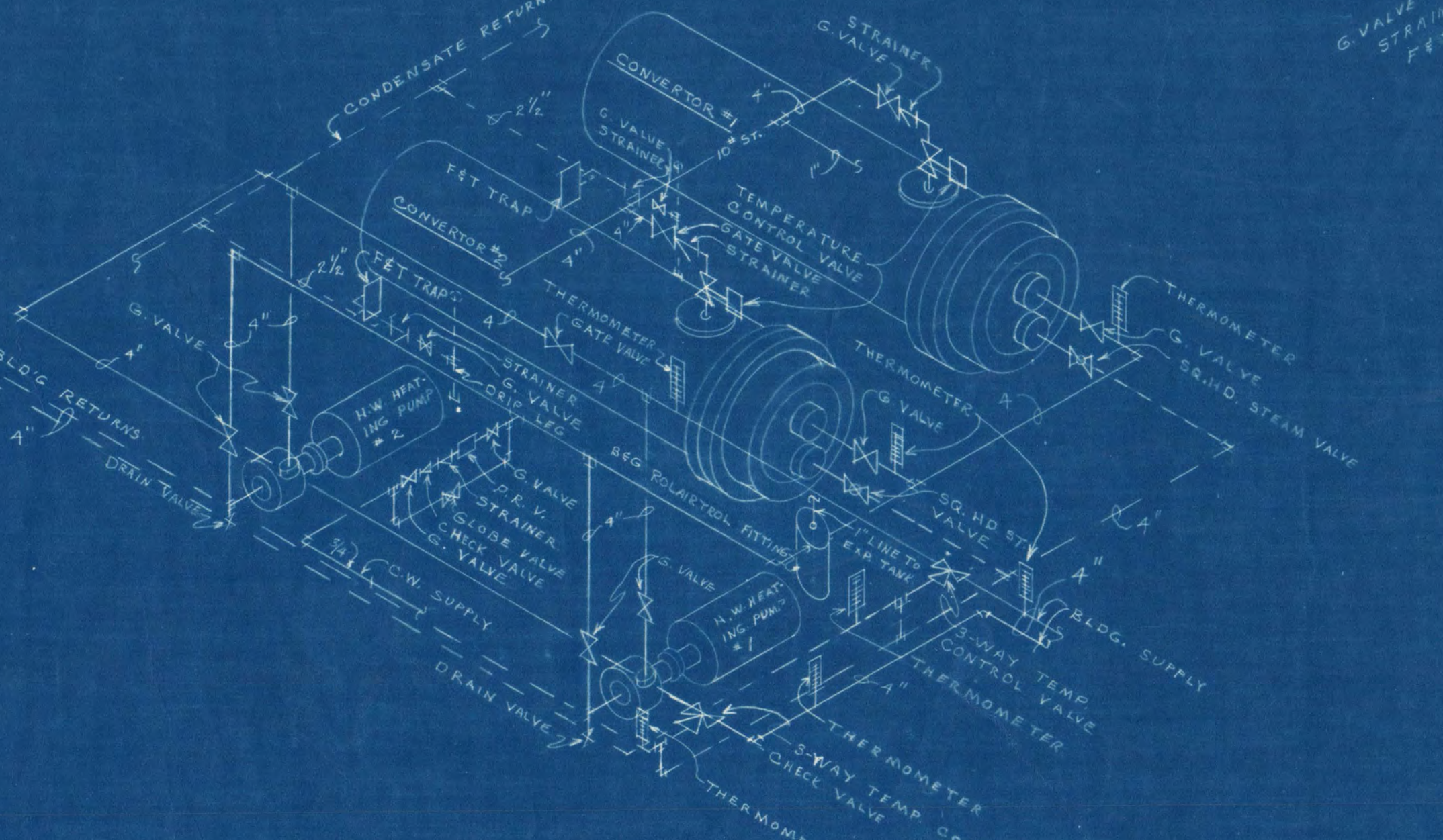
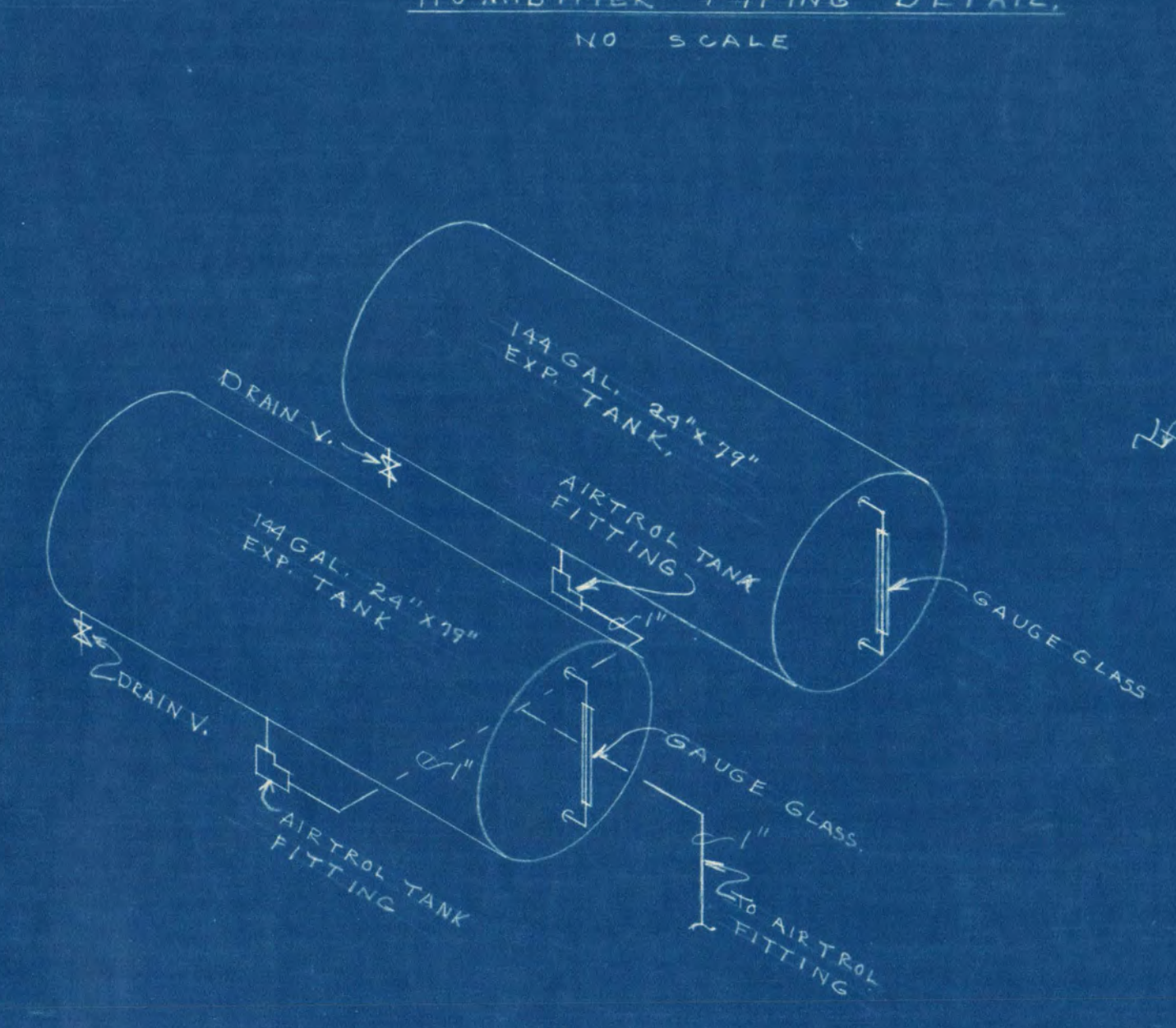
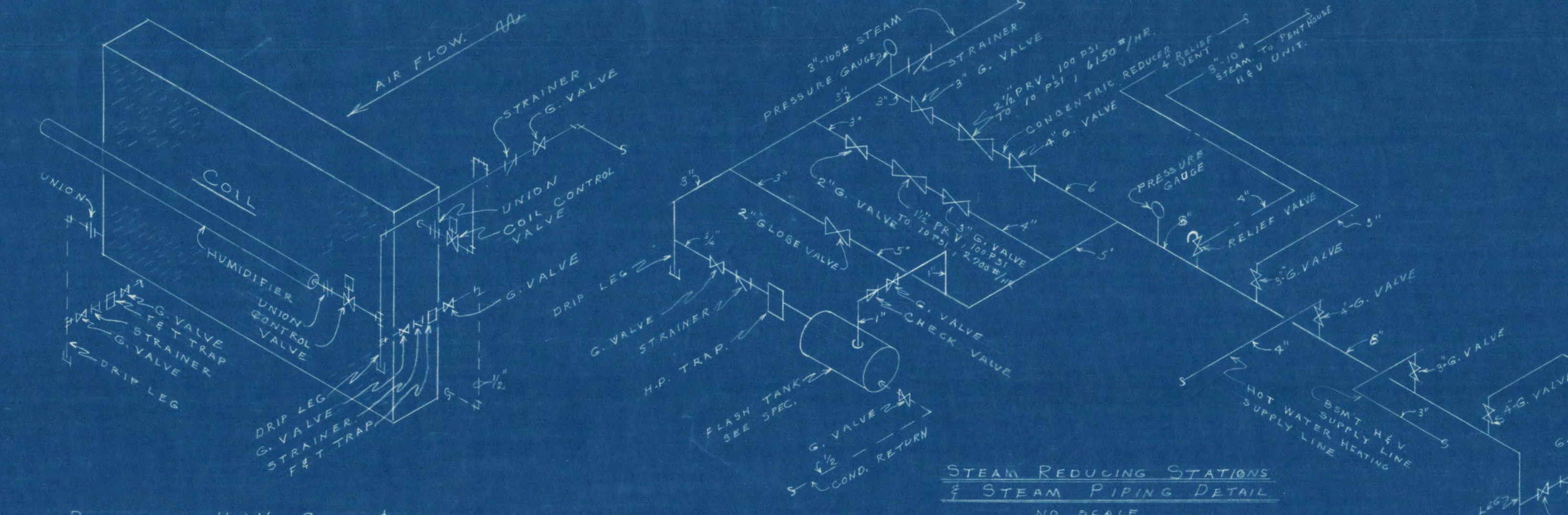


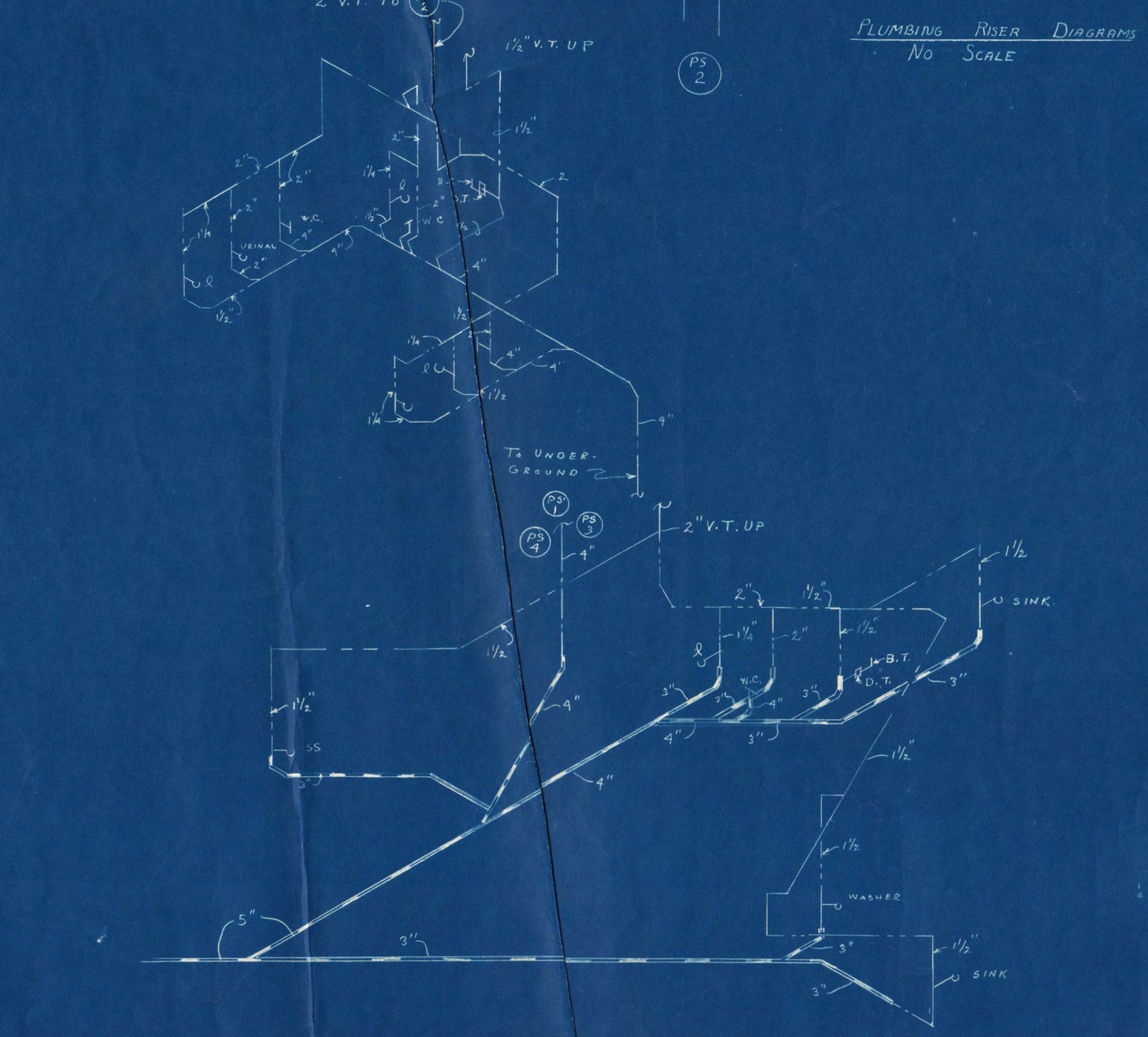
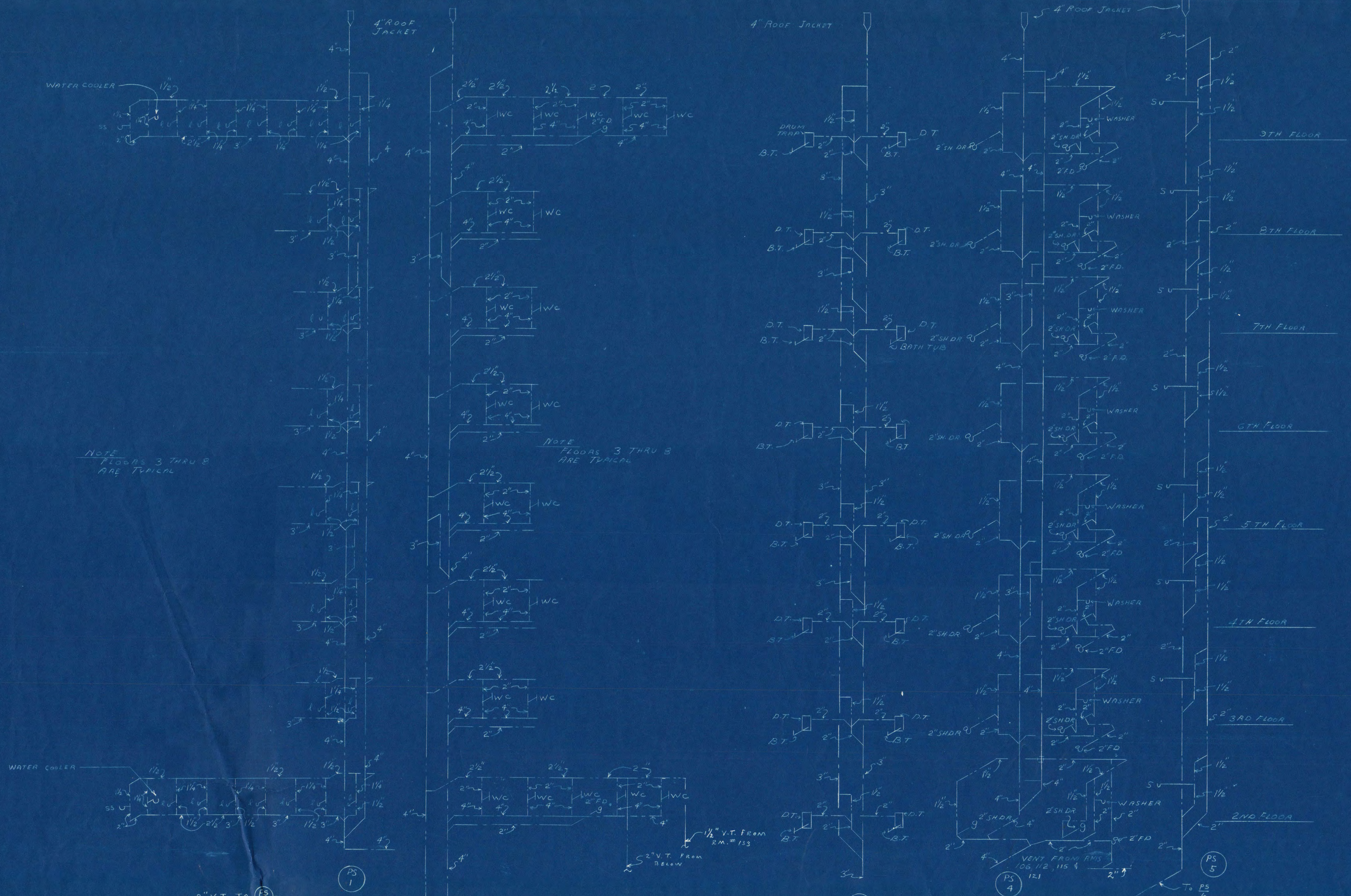
PIPING SYMBOLS

RR	PUMPED CONDENSATE RETURN
HPR	H.M. CONDENSATE RETURN
CR	CONDENSATE RETURN
LS	LOW PRESSURE STEAM
HS	HIGH PRESSURE STEAM
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
F	FIRE PROTECTION
CW	COLD WATER
HW	HOT WATER
HW	RECIRCULATED HOT WATER
HW	170° HOT WATER



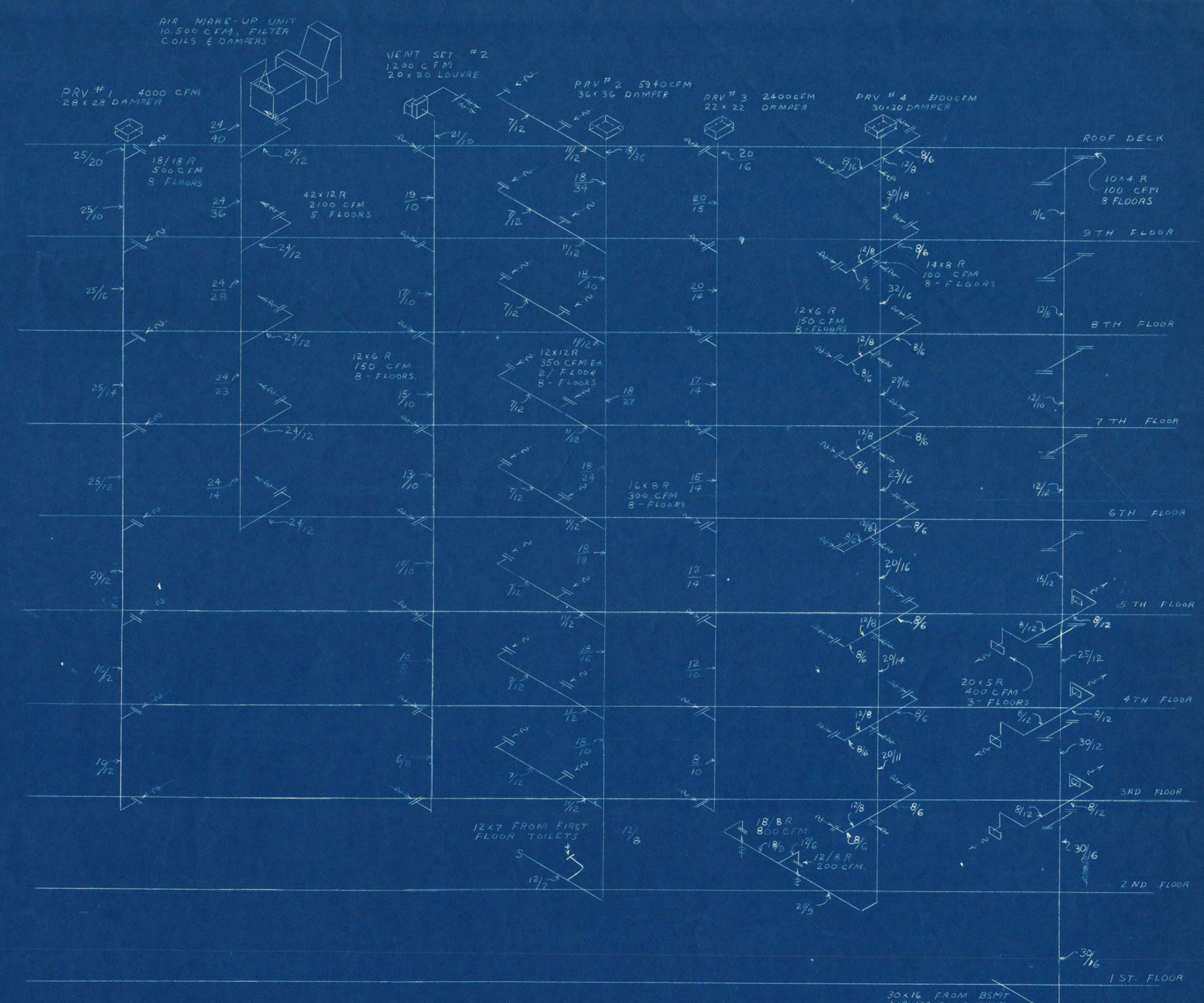
- Room No.**
- 01 - Elevator Lobby
 - 02 - Corridor
 - 03 - Corridor
 - 04 - Mechanical Equipment
 - 05 - Central Custodian
 - 06 - Transformer Vault
 - 07 - Incinerator
 - 08 - Student Storage
 - 09 - Storage & Maintenance
 - 10 - Elevator Pit
 - 11 - Tunnel

DORMITORY ST. CLOUD STATE COLLEGE ST. CLOUD, MINNESOTA			
CONTRACT NO.	JACKSON MAHN ASSOCIATES, INC.	PROJECT NO.	M-2
465-8	ST. CLOUD, MINNESOTA	DATE	6
DESIGNED BY	ORR SCHELEN, HAYESON & ASSOCIATES, INC.	PROJECT NO.	F-1A
DRAWN BY	P.L.K.	DATE	2-15-65
REVISIONS	APPROVED BY:	DATE	
	APPROVED BY:	DATE	

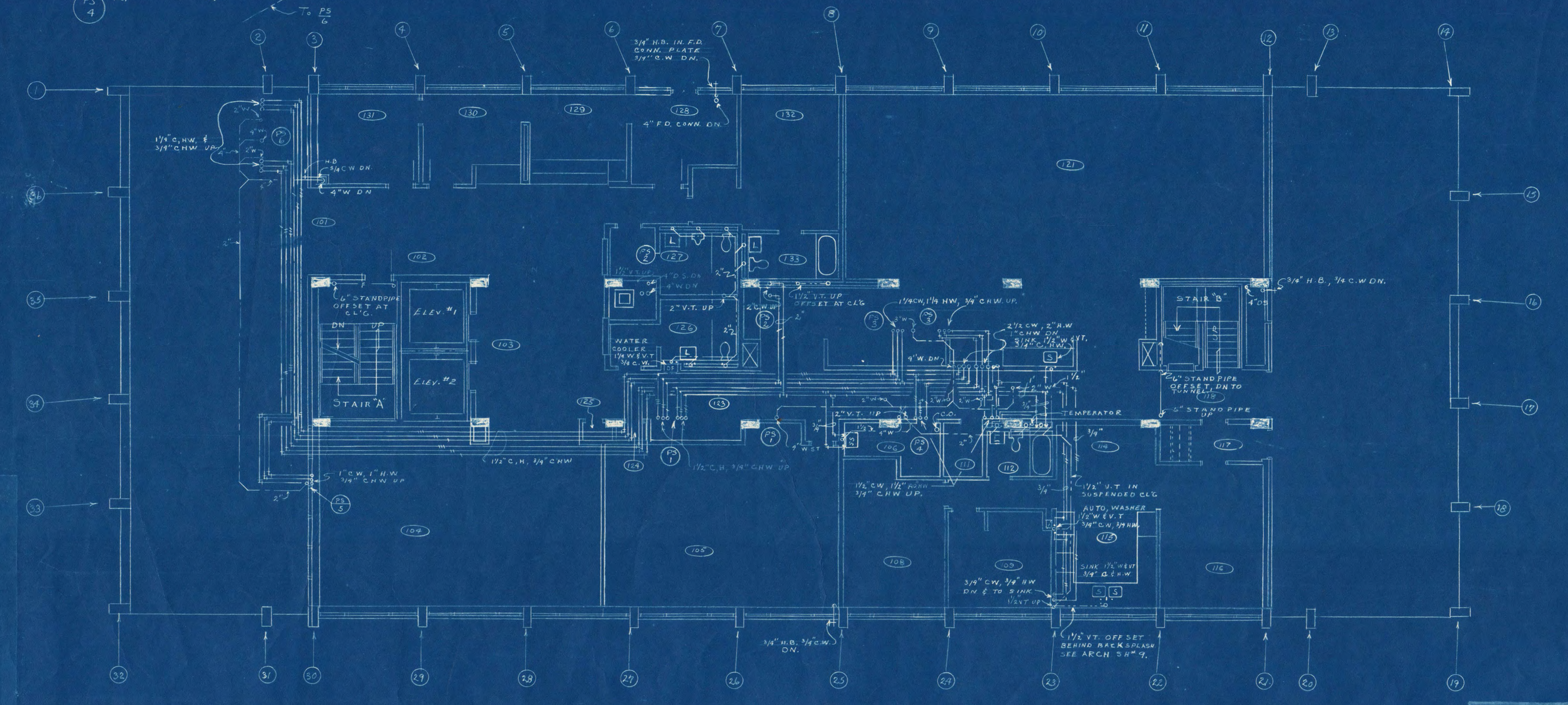


PLUMBING RISER DIAGRAMS
NO SCALE

- Room No.
- 101 - Vestibule
- 102 - Lobby
- 103 - Elevator Lobby
- 104 - Waiting Room
- 105 - Television
- 106 - Custodian
- 108 - Bedroom
- 109 - Bedroom
- 110 - Hall
- 111 - Storage
- 112 - Bath Room
- 114 - Dining Alcove
- 115 - Kitchen
- 116 - Living Room
- 117 - Vestibule
- 118 - Vestibule
- 121 - Games
- 123 - Corridor
- 124 - Telephone Booth
- 125 - Telephone Booth
- 126 - Womens Toilet
- 127 - Mens Toilet
- 128 - Storage & Issue
- 129 - Mail Room
- 130 - General Office
- 131 - Directors Office
- 132 - Assist. Directors Room
- 133 - Bath Room

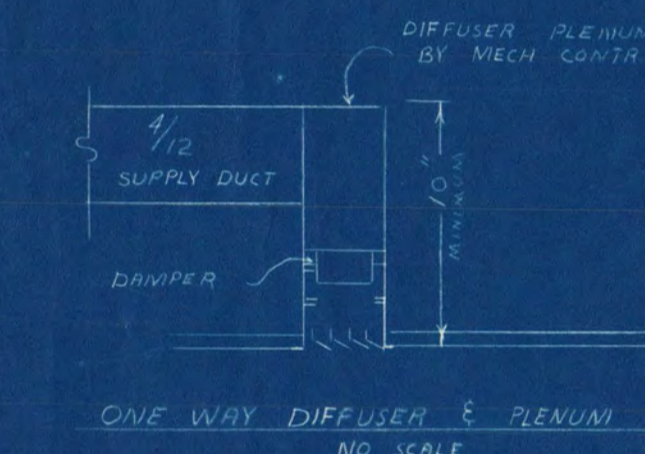
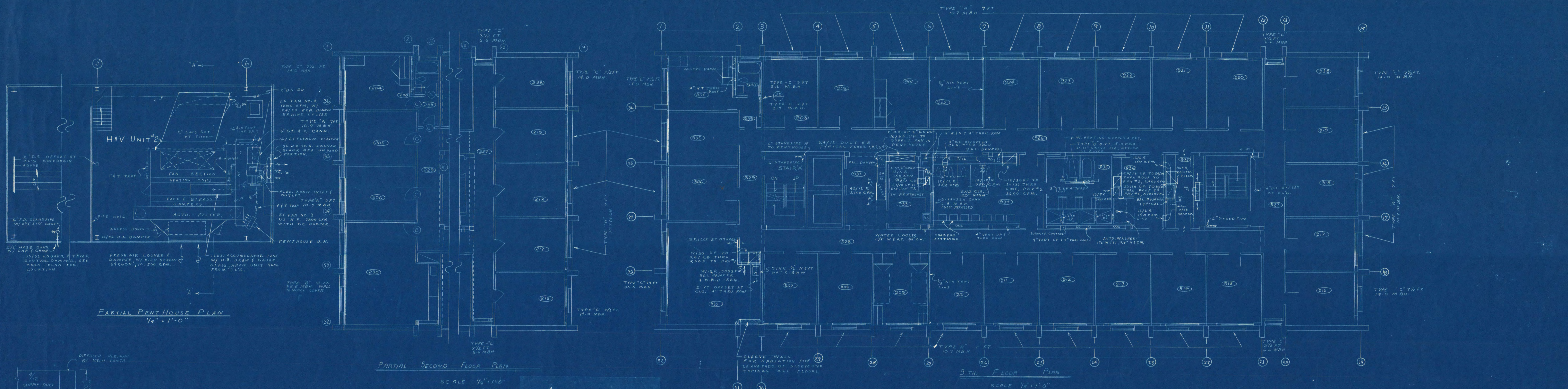


Activity Room Exhaust Corridor Air Make-Up Custodian Room Exhaust Toilet Room Exhaust Bath Room Exhaust Linen & Utility Room Exhaust Corridor Air Make-Up

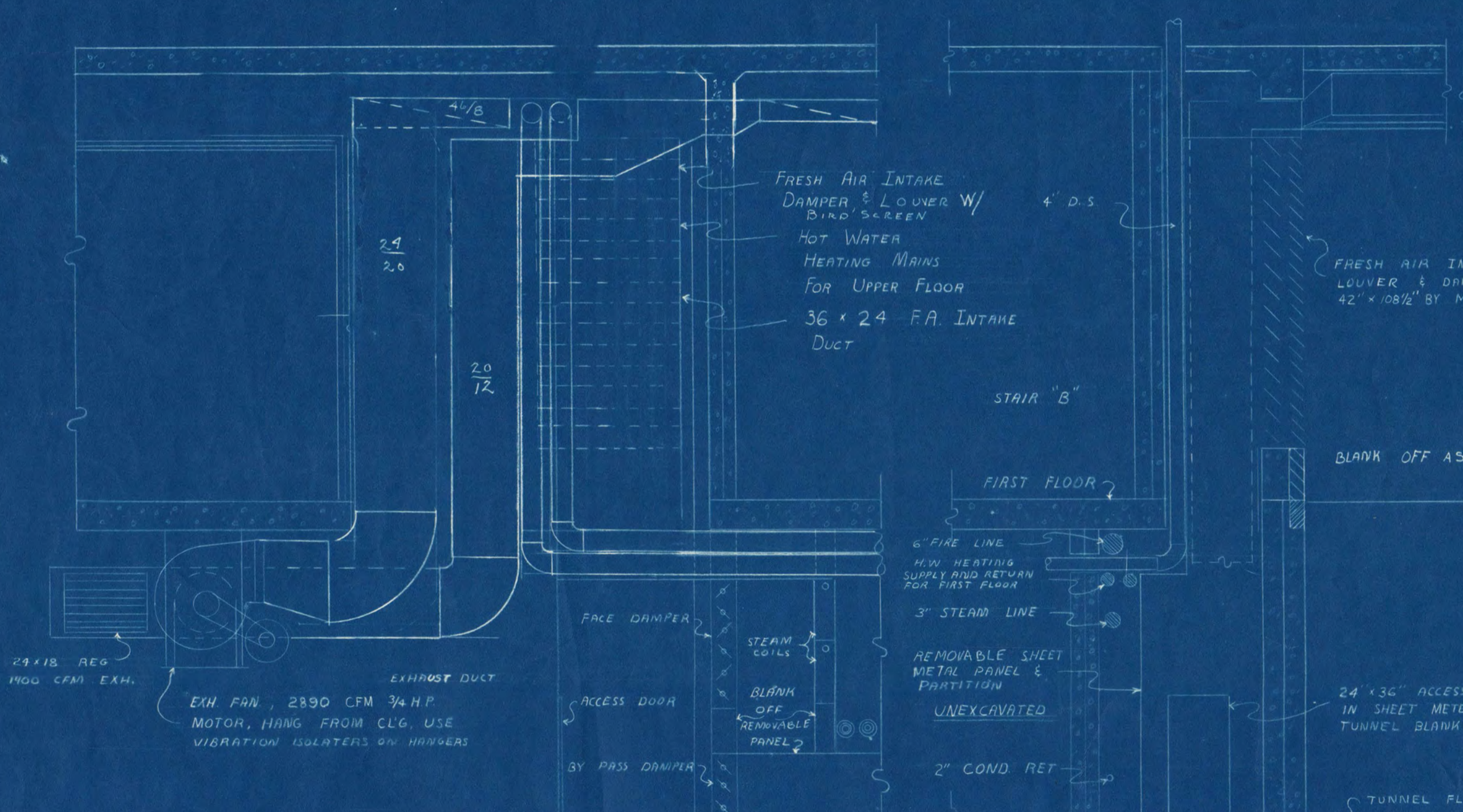


FIRST FLOOR PLAN SCALE 1/8" = 1'-0"
PLUMBING

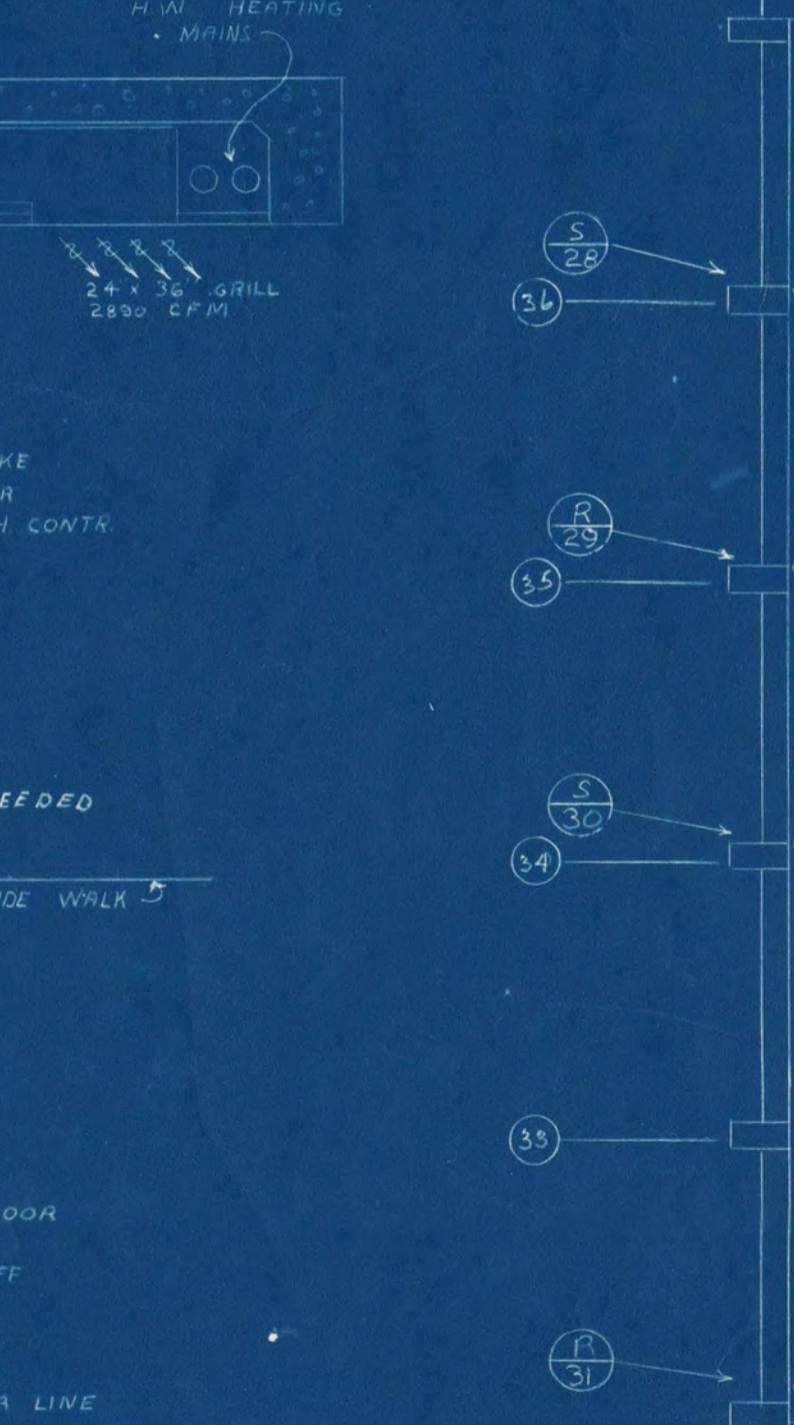
DORMITORY ST. CLOUD STATE COLLEGE ST. CLOUD, MINNESOTA		
DESIGN NO. 465-B	JACKSON - HAHN ASSOCIATES, INC. ARCHITECTS MINNESOTA	SHEET NO. M-3 OF 6
DESIGNED BY M.M. R.L.H.	DRG. SCHELEN MAYERSON & ASSOCIATES, INC. CONSULTING ENGINEERS 101 CLUTE AVENUE, MINNEAPOLIS 3, MINN.	PROJECT NO. F-19
DATE 6-15-45	APPROVED BY	
REVISED	APPROVED BY	



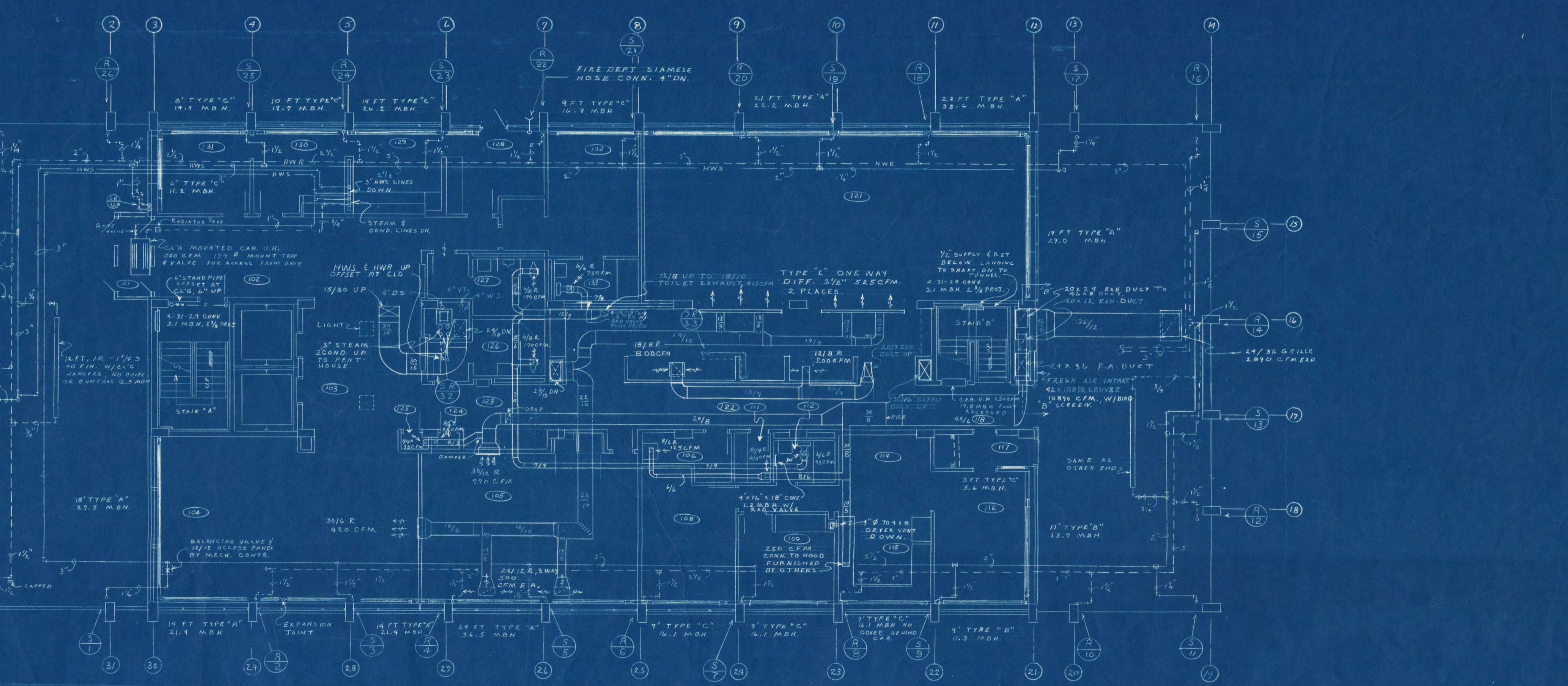
Room No.	Room No.
204 - Bedroom	901 - Superintendents Room
205 - Bedroom	902 to 905 - Bedrooms
206 - Bedroom	906 - Corridor
207 - Bedroom	907 - Corridor
208 - Bedroom	908 - Corridor
209 - Bedroom	909 - Corridor
210 - Bedroom	910 - Activity Room
211 - Bedroom	911 - Dining Room
212 - Corridor	912 - Aisle Room
213 - Corridor	913 - Substation
214 - Activity Room	914 - Toilet
215 - Bedroom	915 - Bath Room
216 - Vestibule	916 - Utility Room
217 - Bath Room	917 - Study Room
	918 - Bedroom
	919 - Vestibule
	920 - Bath Room



SECTION "B-B" DUCT SHAFT TUNNEL
EXHAUST AIR FAN & PREHEAT COILS
SCALE 3/8" = 1'-0"



SECTION "A-A" FRESH AIR
INTAKE & TUNNEL SECTION
SCALE 3/8" = 1'-0"



FIRST FLOOR PLAN
HEATING & VENTILATION
SCALE 1/8" = 1'-0"

Room No.	Room No.
101 - Vestibule	110 - Hall
102 - Lobby	111 - Storage
103 - Elevator Lobby	112 - Bath Room
104 - Waiting Room	113 - Dining Alcove
105 - Television	114 - Kitchen
106 - Substation	115 - Living Room
107 - Bedroom	116 - Vestibule
108 - Bedroom	
109 - Bedroom	
110 - Hall	
111 - Storage	
112 - Bath Room	
113 - Dining Alcove	
114 - Kitchen	
115 - Living Room	
116 - Vestibule	

Room No.	Room No.
121 - Games	130 - Mens Toilets
122 - Corridor	131 - Mens Toilets
123 - Corridor	132 - Storage & Issue
124 - Telephone Booth	133 - Mail Room
125 - Telephone Booth	134 - General Office
126 - Womens Toilets	135 - Directors Office
127 - Mens Toilets	136 - Assist. Directors Room
128 - Storage & Issue	137 - Bath Room
129 - Mail Room	
130 - Mens Toilets	
131 - Mens Toilets	
132 - Storage & Issue	
133 - Mail Room	
134 - General Office	
135 - Directors Office	
136 - Assist. Directors Room	
137 - Bath Room	

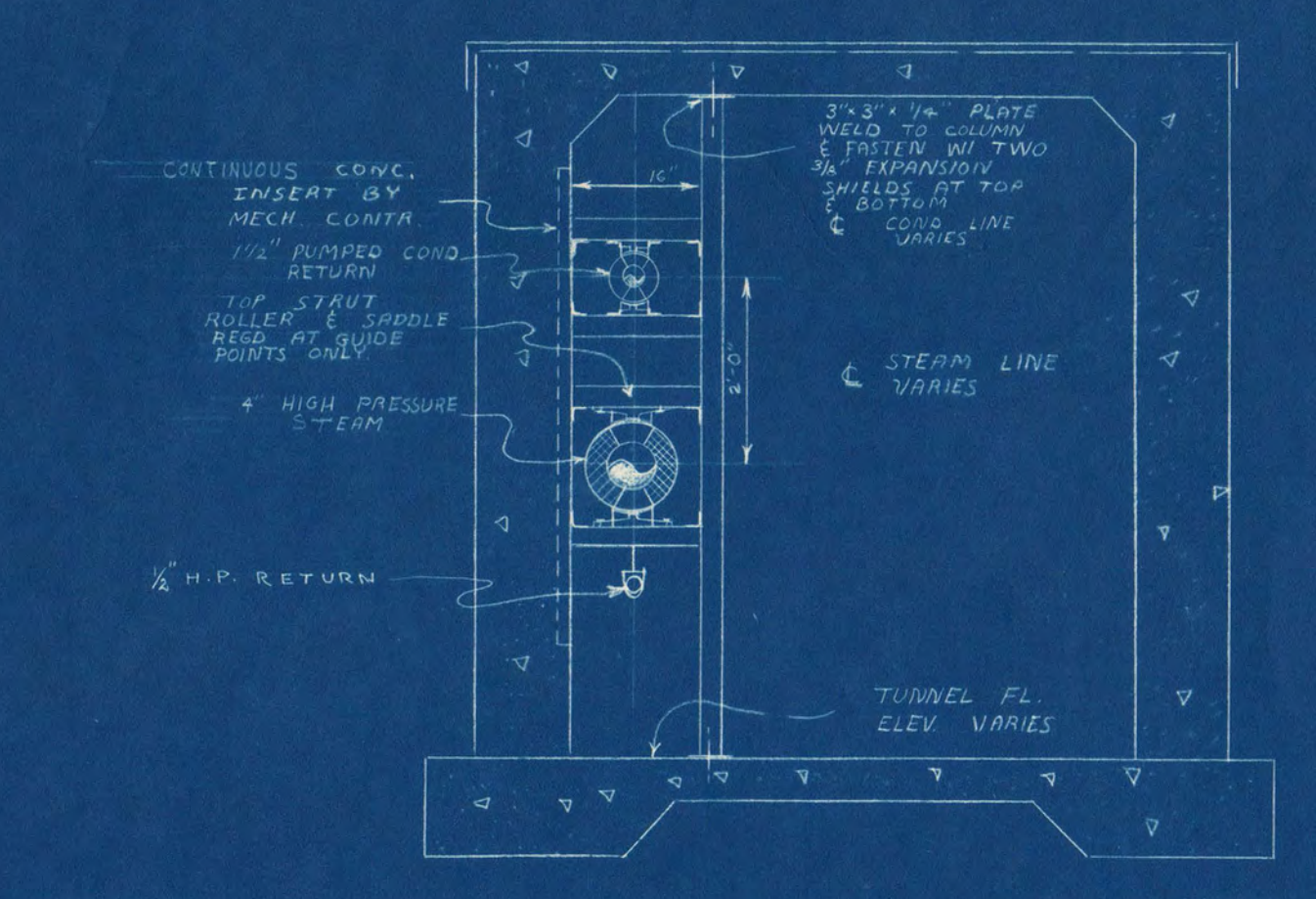
DORMITORY
ST. CLOUD STATE COLLEGE
ST. CLOUD, MINNESOTA

PROJECT NO. 465-8
DATE 6/15/45

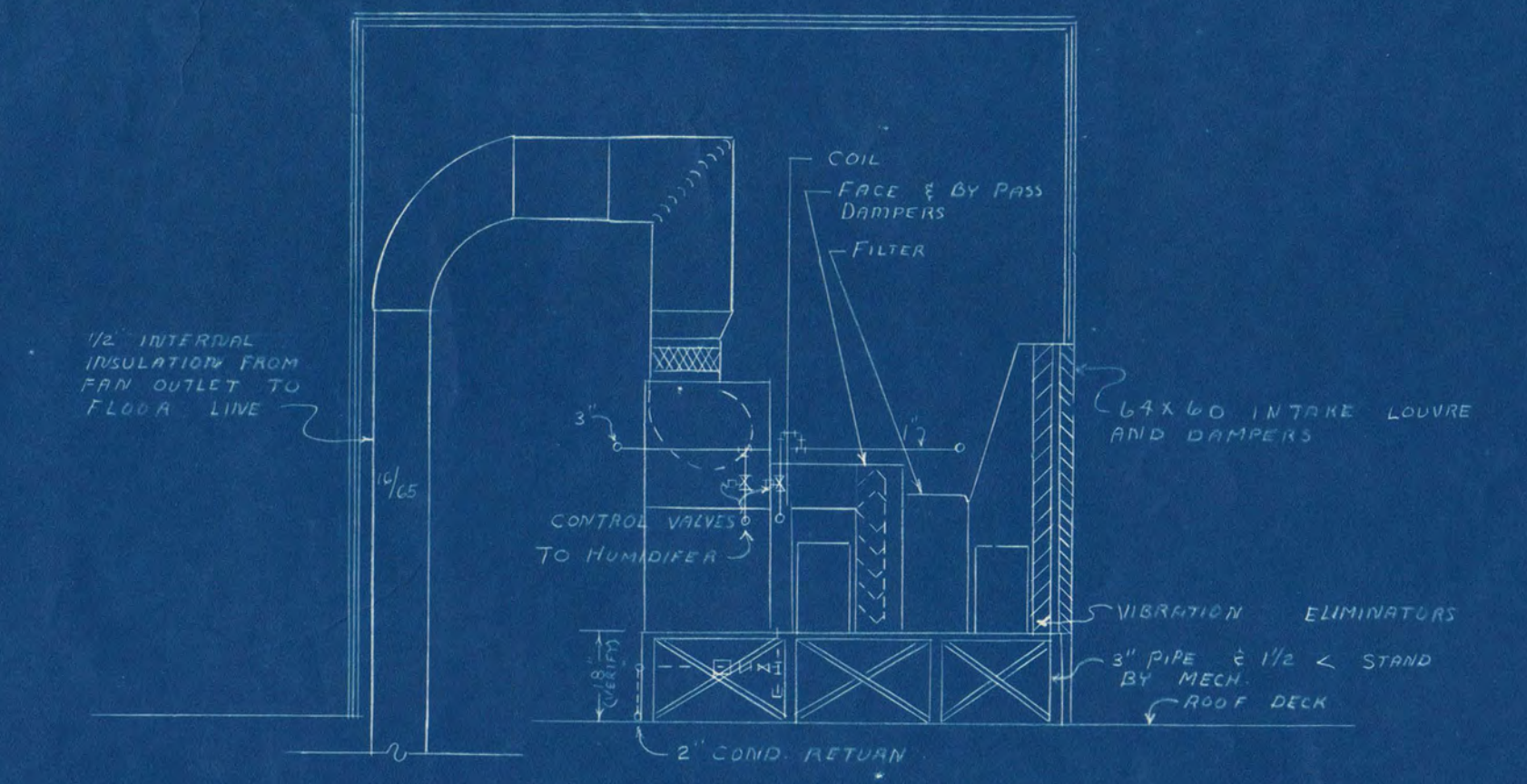
JACKSON HANN ASSOCIATES, INC.
ARCHITECTS
ST. CLOUD, MINNESOTA

ORR SCHEELN, HAYESON & ASSOCIATES, INC.
MECHANICAL ENGINEERS
100 EAST AVENUE, MINNEAPOLIS 1, MINN.

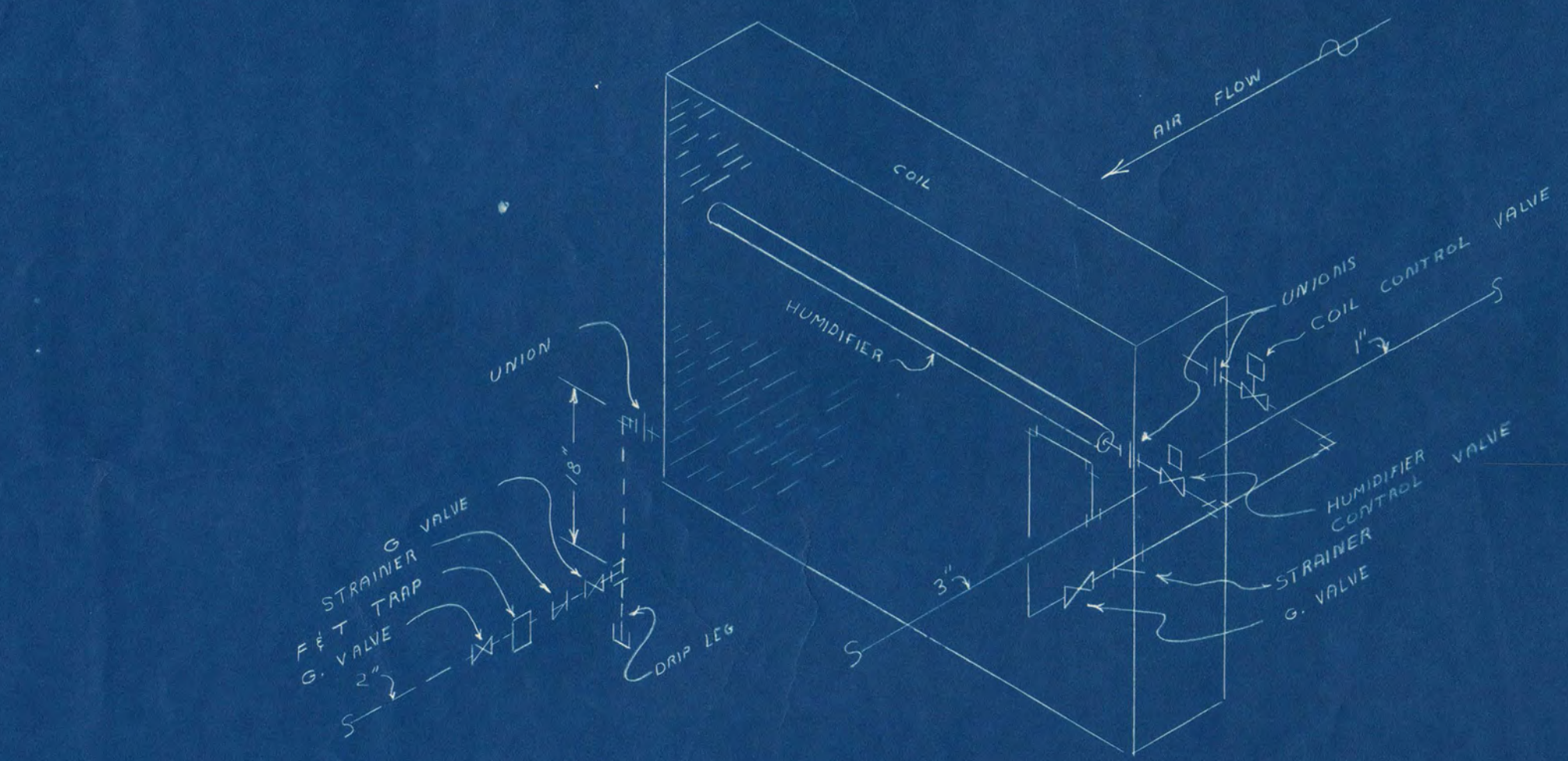
SHEET NO. M-4
OF 6
PROJECT NO. F-1A



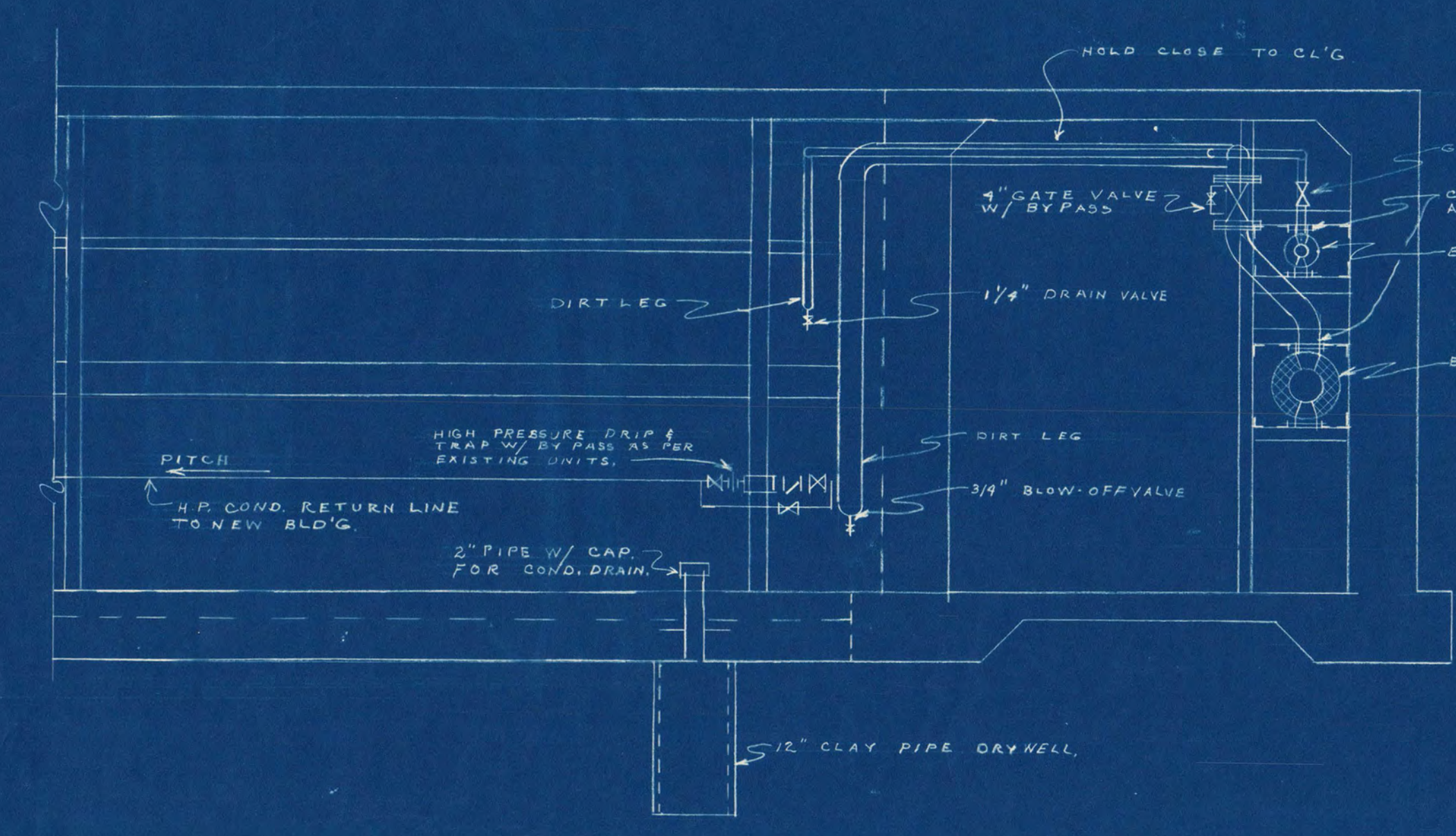
TUNNEL SECTION 2
SCALE 1/2" = 1'-0"



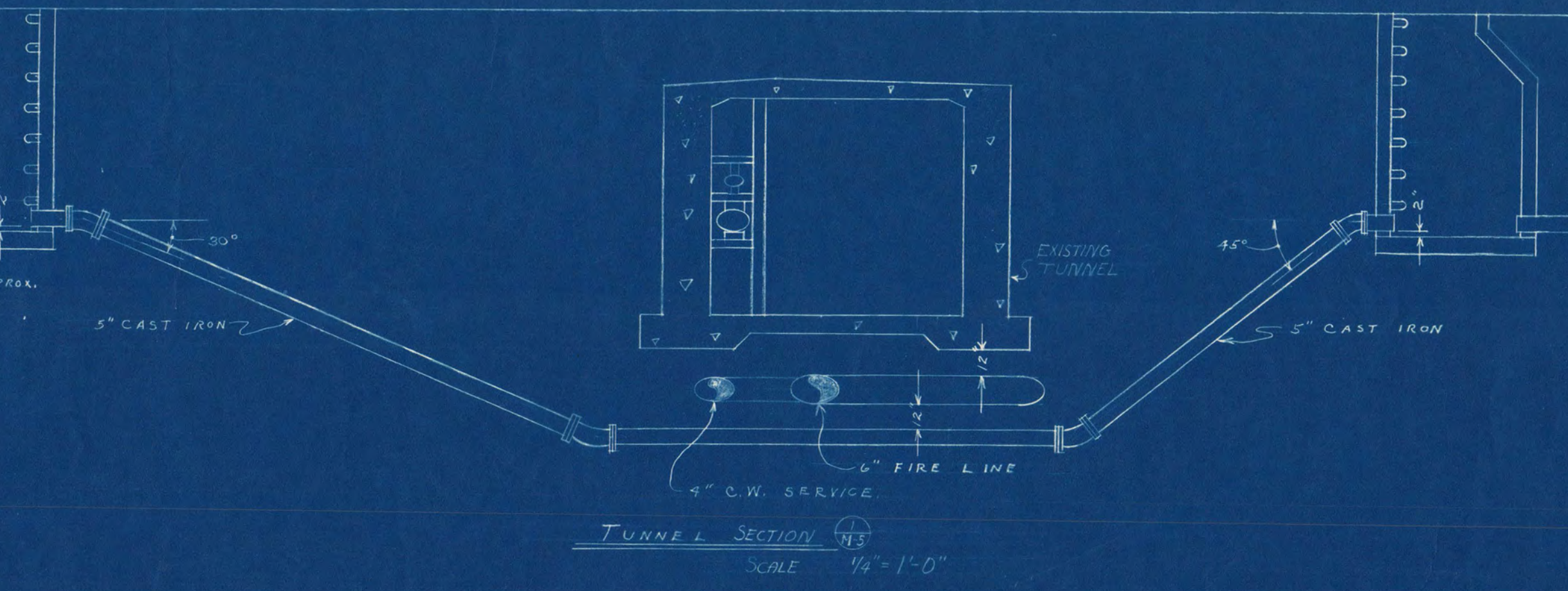
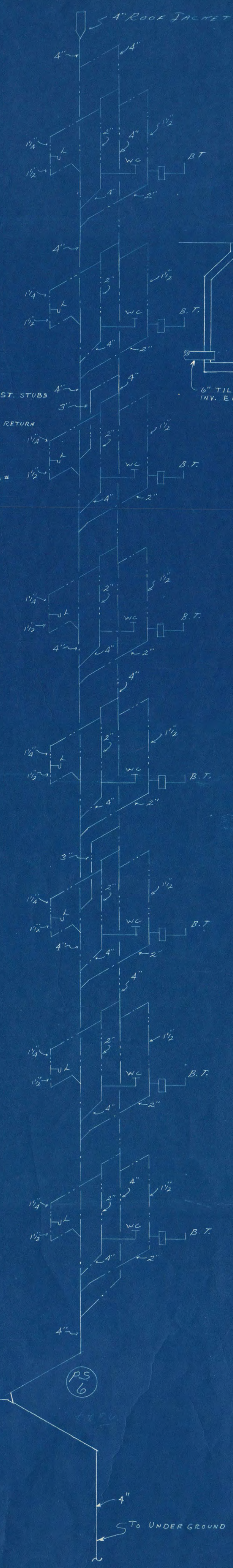
SECTION A-A THRU
PENTHOUSE H.V. UNIT
SCALE 1/4" = 1'-0"



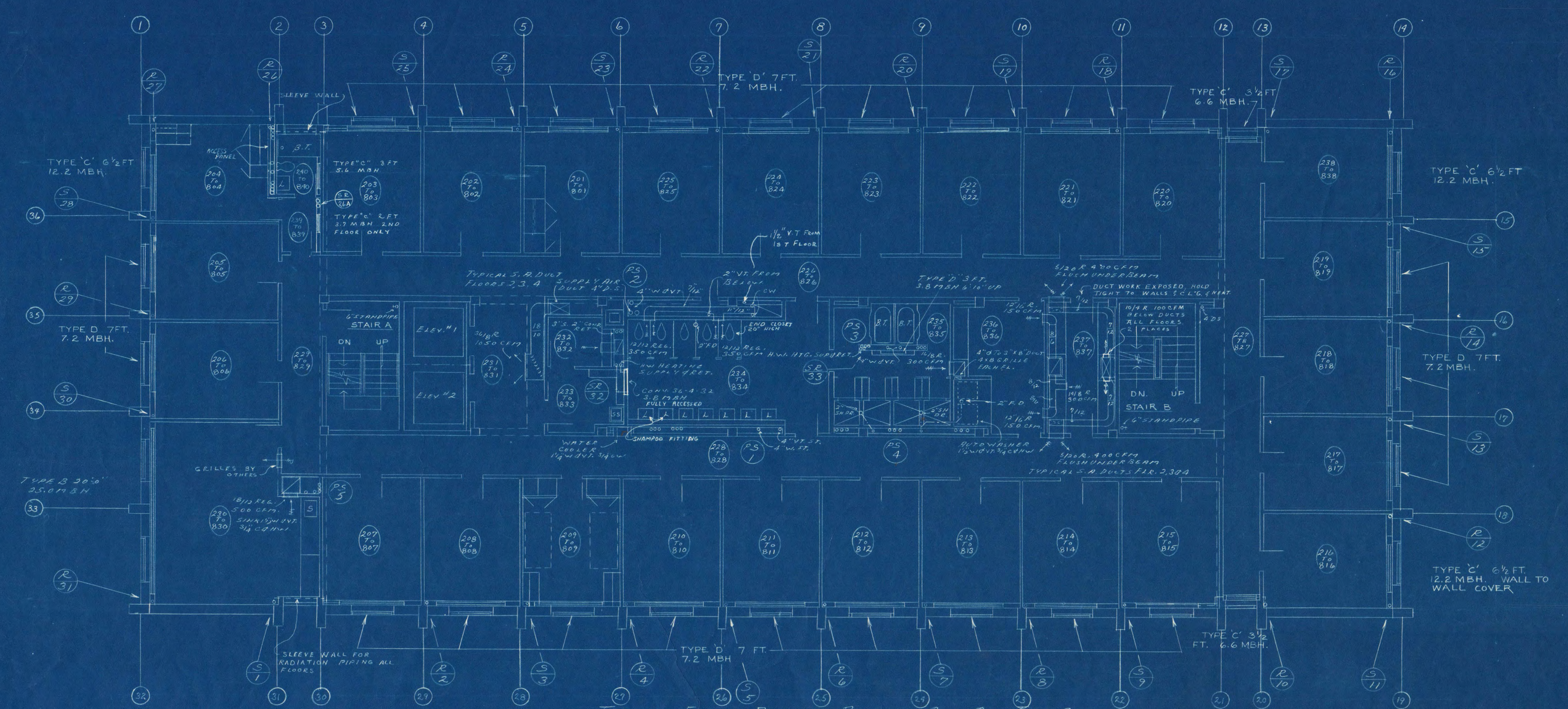
PENTHOUSE H.V. UNIT COIL
PIPING DETAIL
NO SCALE

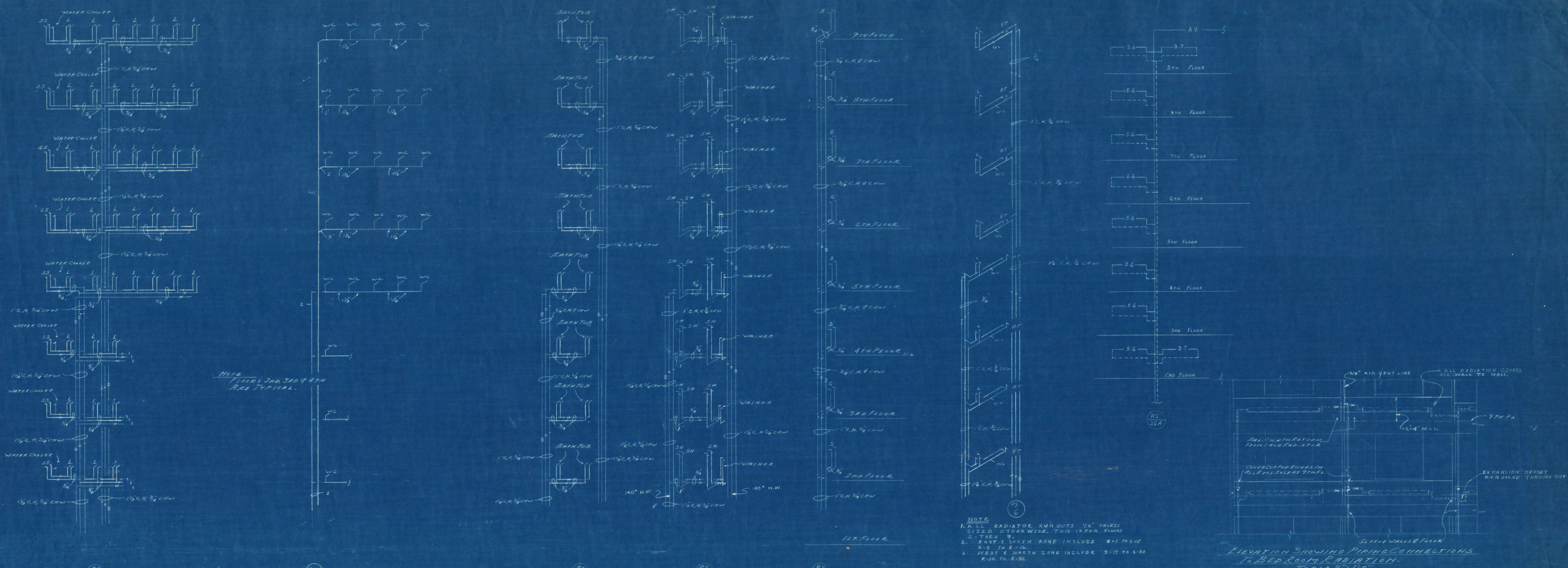


TUNNEL PIPING TAKE-OFFS SECTION 3
SCALE 1/2" = 1'-0"



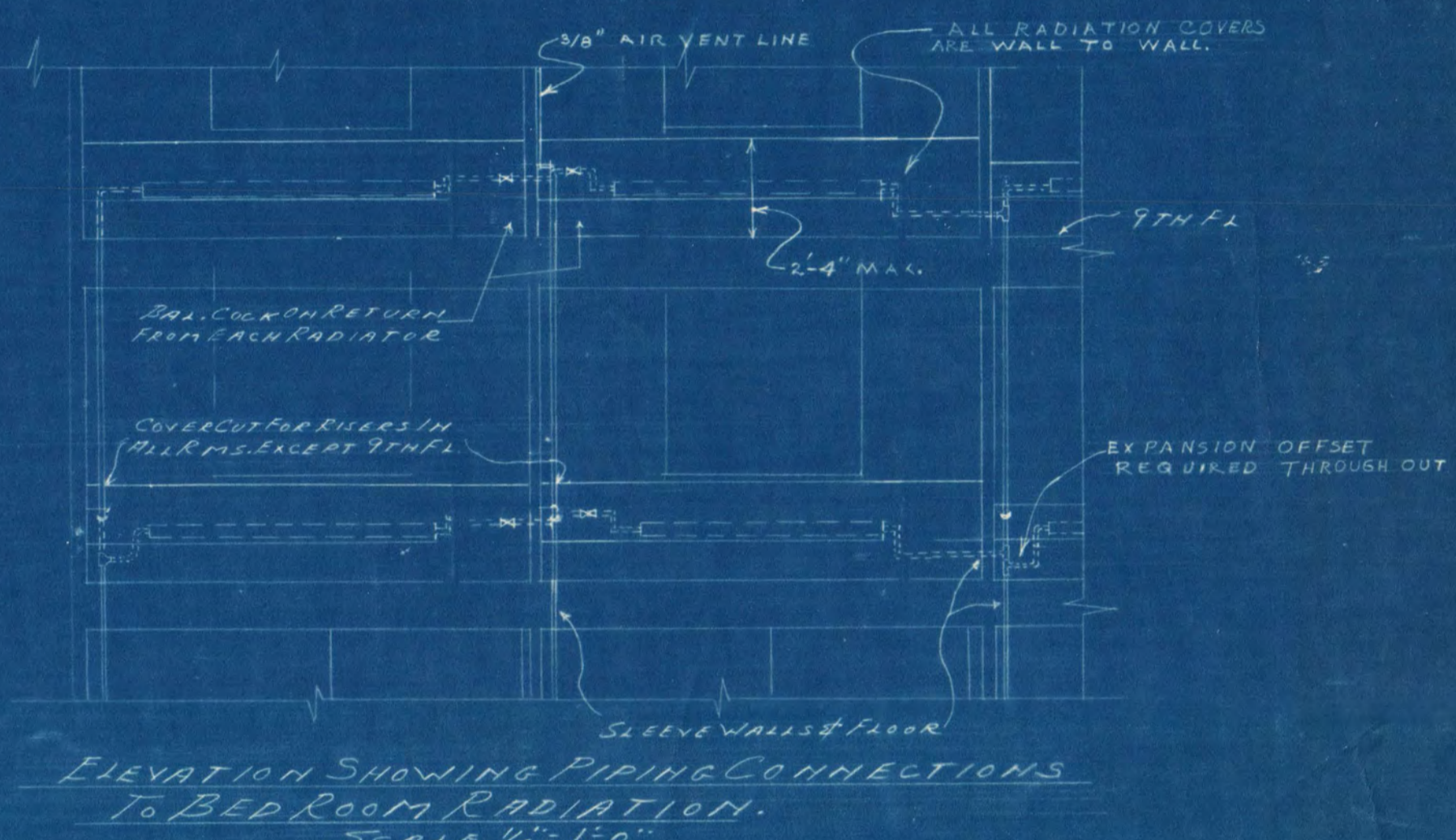
TUNNEL SECTION 4
SCALE 1/4" = 1'-0"





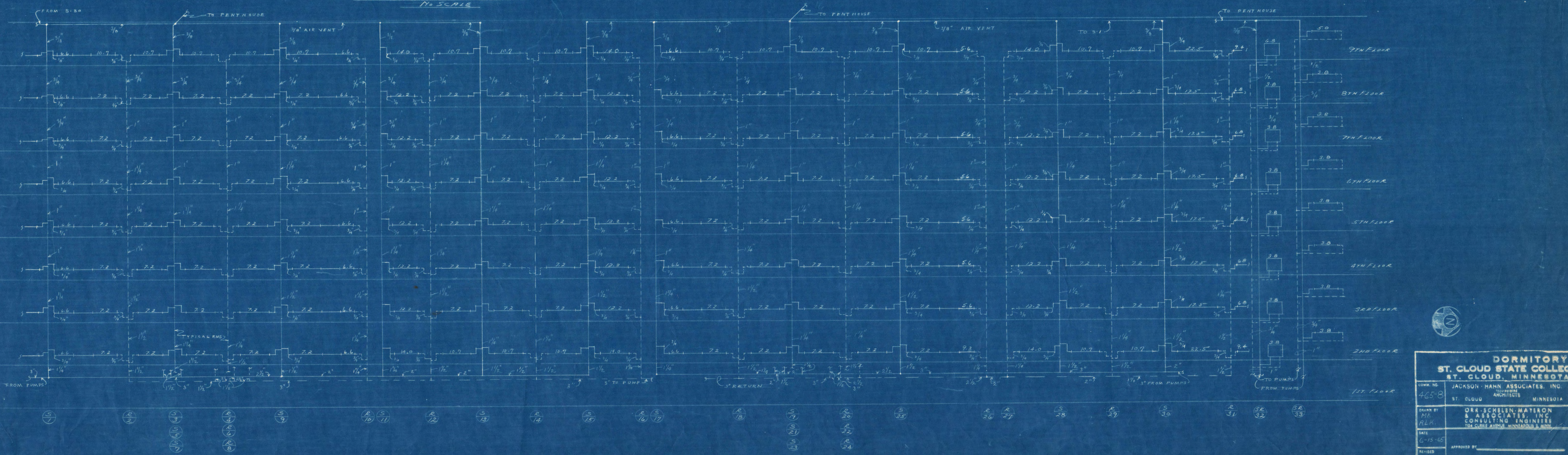
NOTE
FLOORS 2ND, 3RD & 4TH
ARE TYPICAL.

NOTE
1. RISE RADIATOR RUN OUTS 1/2" UNLESS
STATED OTHERWISE. THIS IS FOR FLOORS
2-THRU 9.
2. EAST & SOUTH ZONE INCLUDE 3-1 TO 3-5
R-2 TO R-16
3. WEST & NORTH ZONE INCLUDE 5-1 TO 5-36
R-10 TO R-36



ELEVATION SHOWING PIPING CONNECTIONS
TO BED ROOM RADIATION.
SCALE 1/4" = 1'-0"

WATER RISER DIAGRAMS
NO SCALE



HEATING RISER DIAGRAM
NO SCALE

DORMITORY ST. CLOUD STATE COLLEGE ST. CLOUD, MINNESOTA		
CONTRACT NO. 465-B	JACKSON - MAHN ASSOCIATES, INC. ARCHITECTS MINNESOTA	HEET NO. M-6 OF 6
DRAWN BY M.A. A.L.K.	ORR - SCHLEN, MATIRON & ASSOCIATES, INC. CONSULTING ENGINEERS 105 CLAY AVENUE - MINNEAPOLIS 2, MINN.	PROJECT NO. F-1-A
DATE 6-15-45	APPROVED BY _____	
REVISED	APPROVED BY _____	
	APPROVED BY _____	