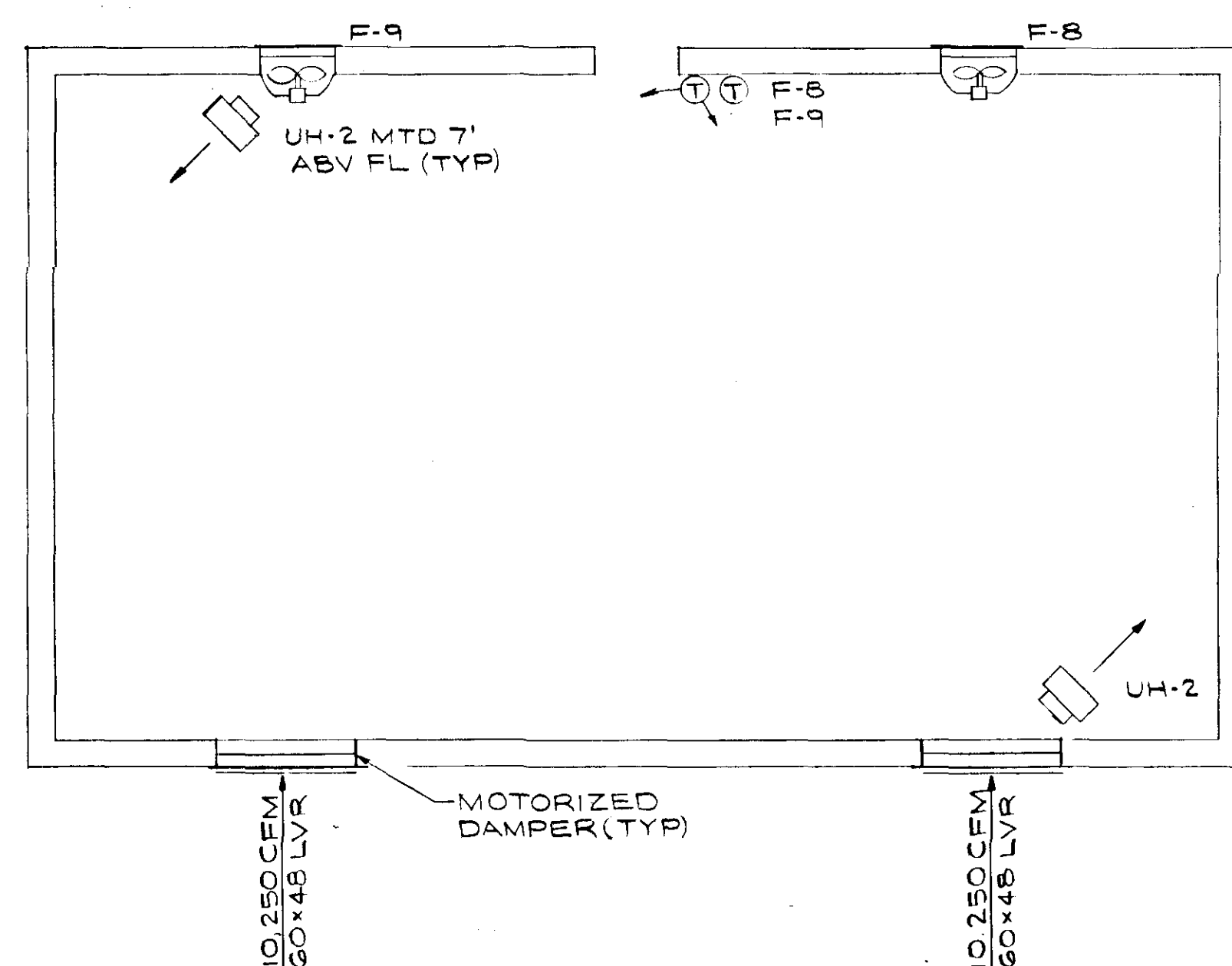
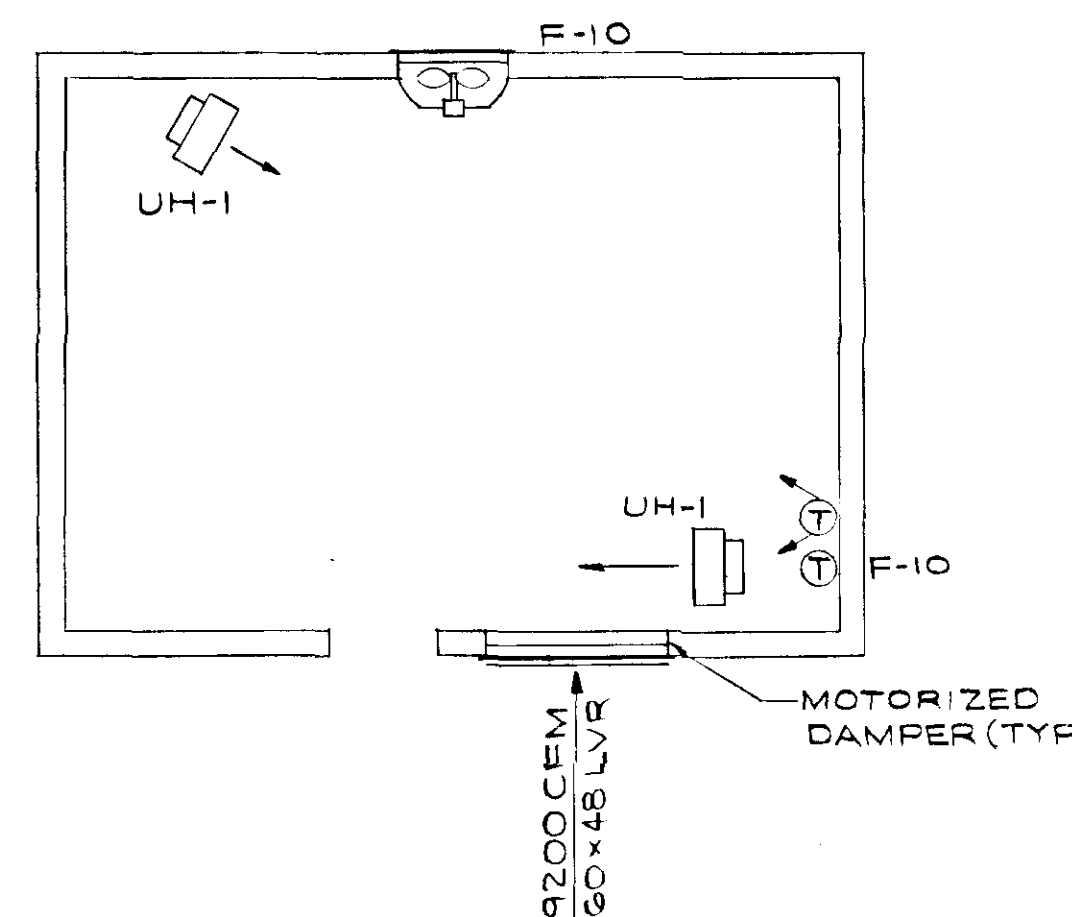
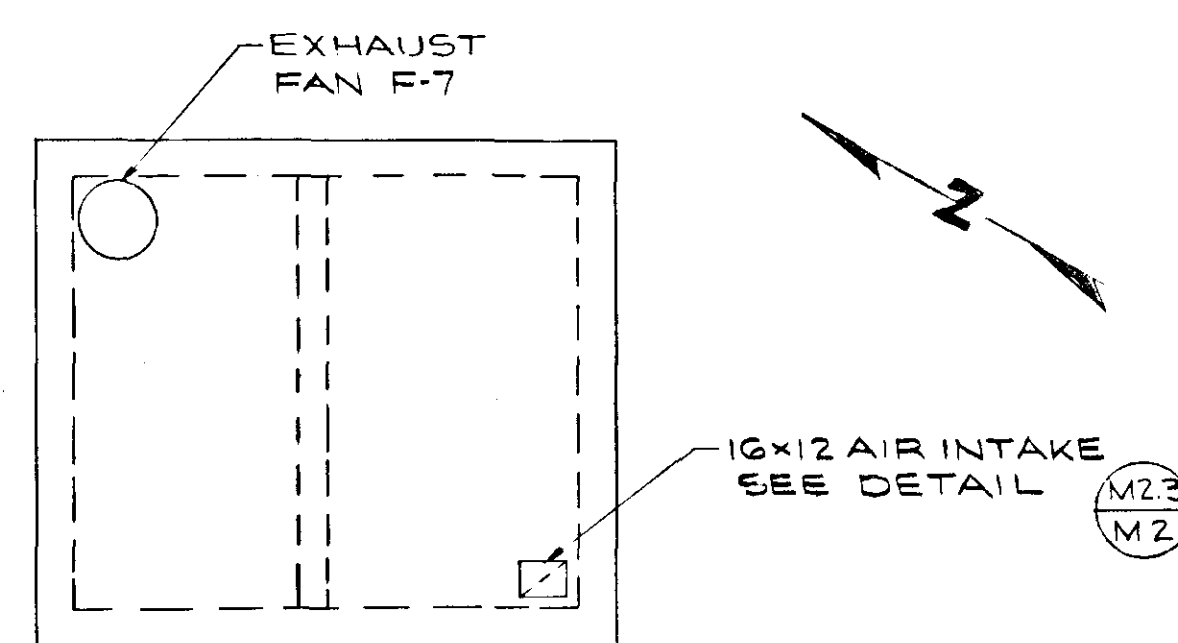




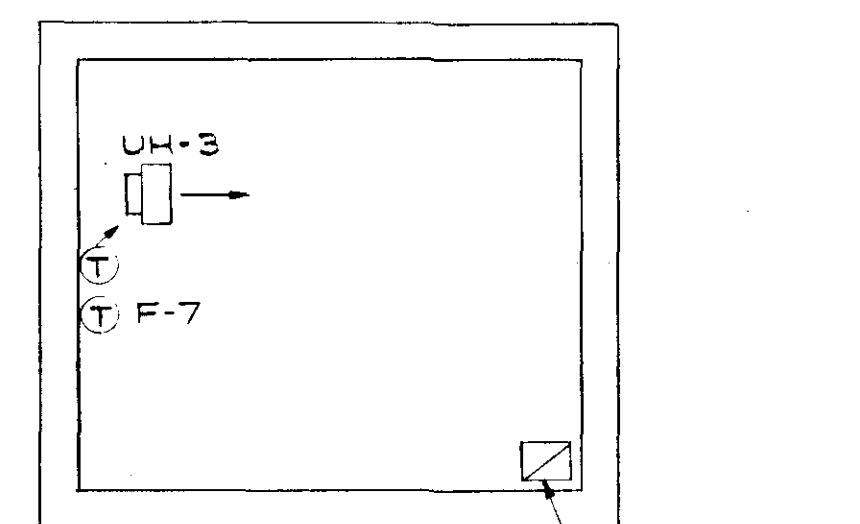
SERVICE PUMPING STATION PLAN
SCALE: 3/16"=1'-0"



RAW WATER INTAKE PLAN
SCALE: 3/16"=1'-0"

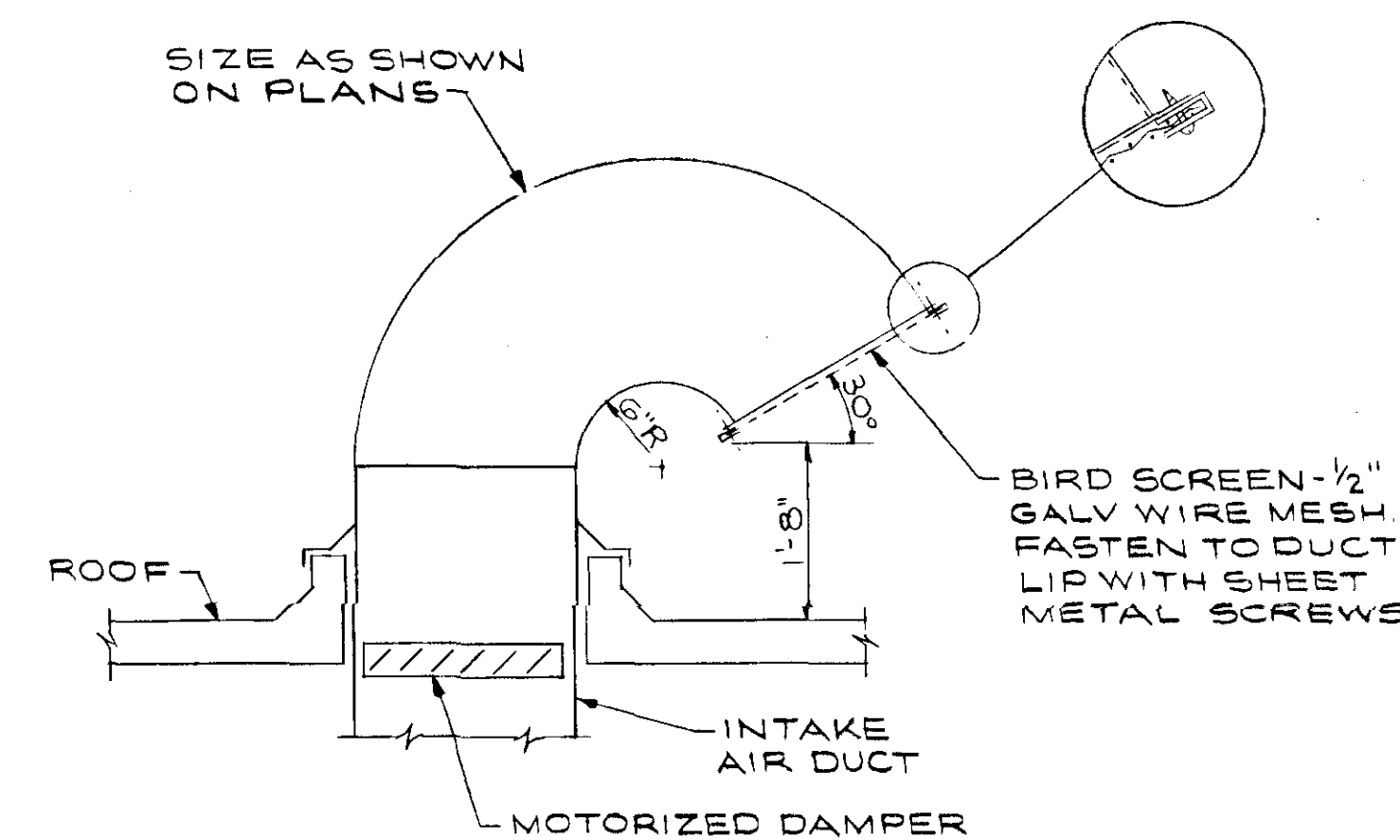


COVER PLAN

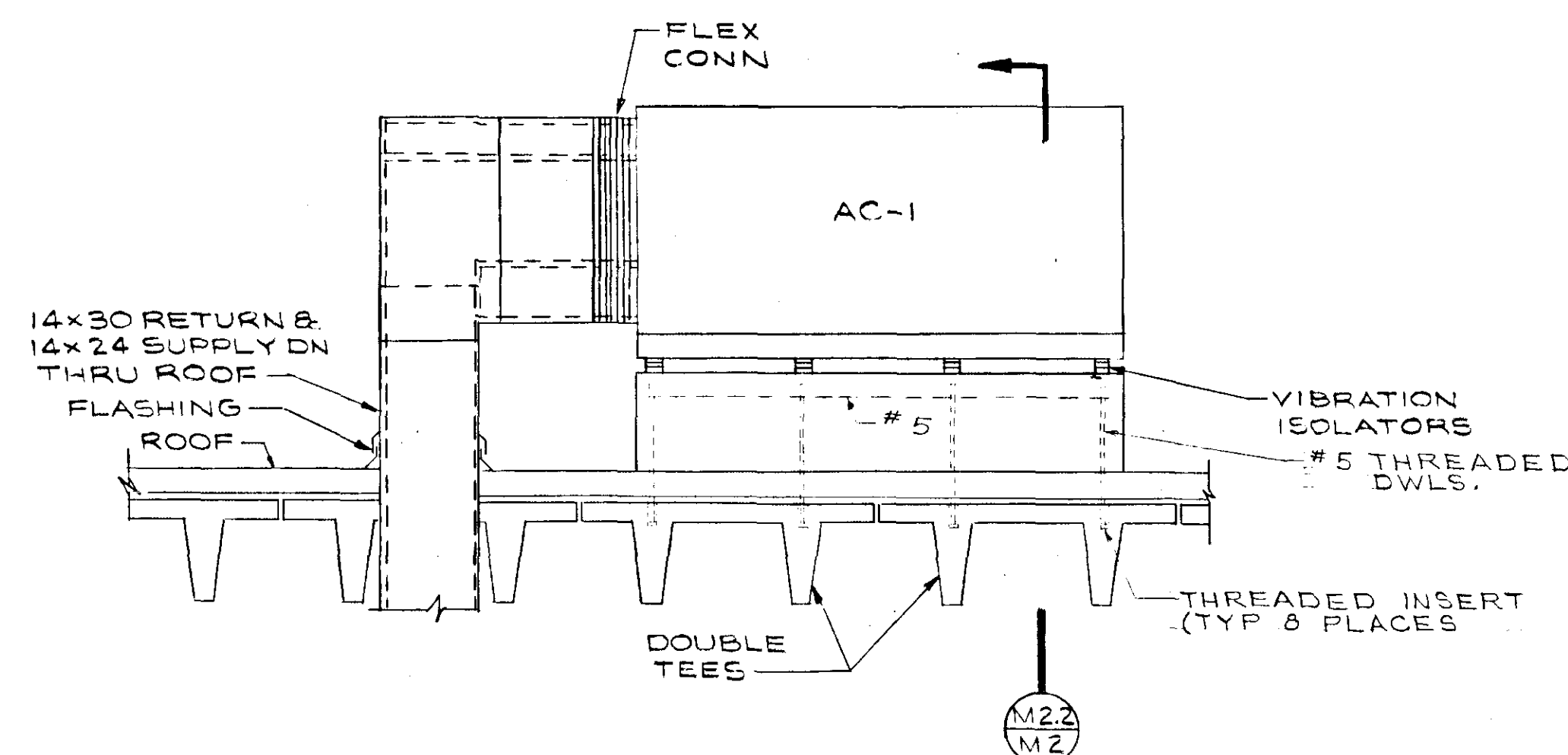


PIT PLAN

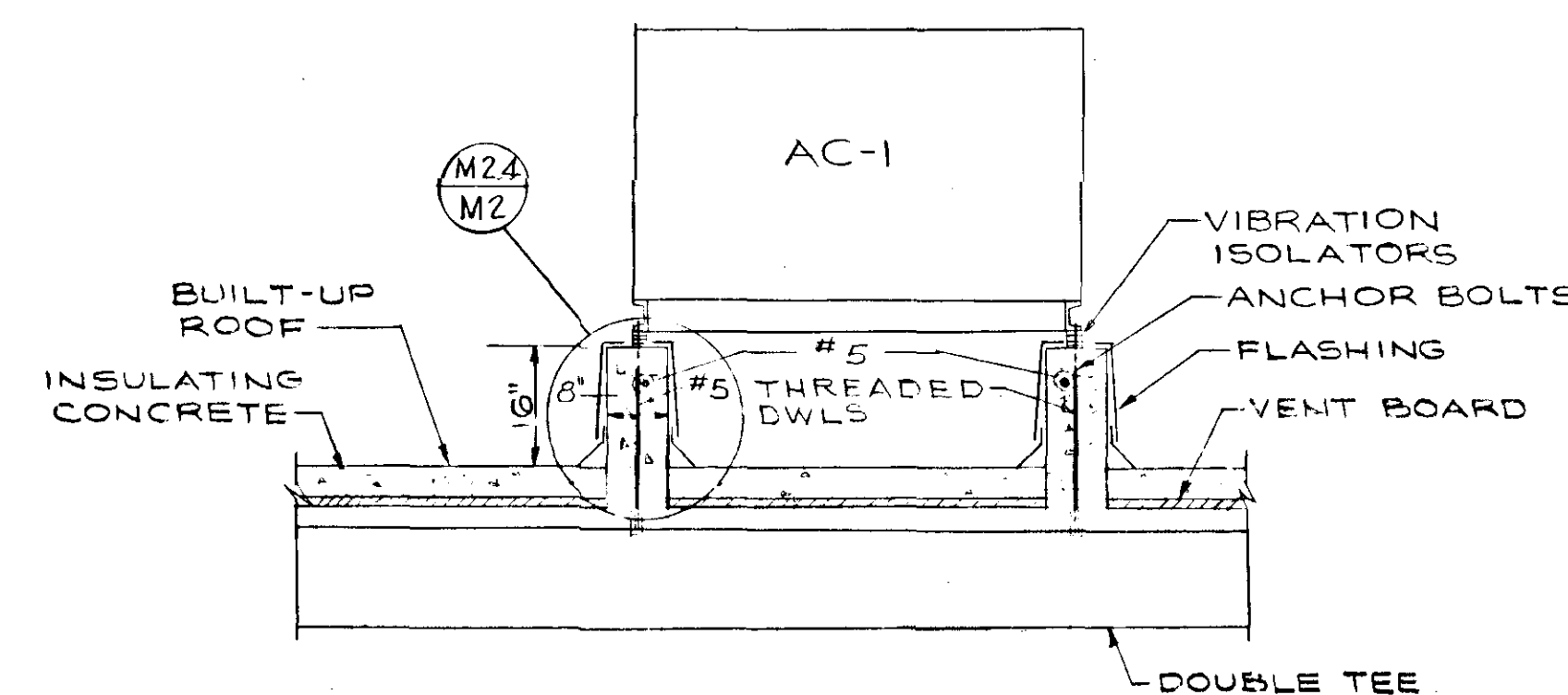
HOLDING TANK PIPE GALLERY PLANS
SCALE: 3/16"=1'-0"



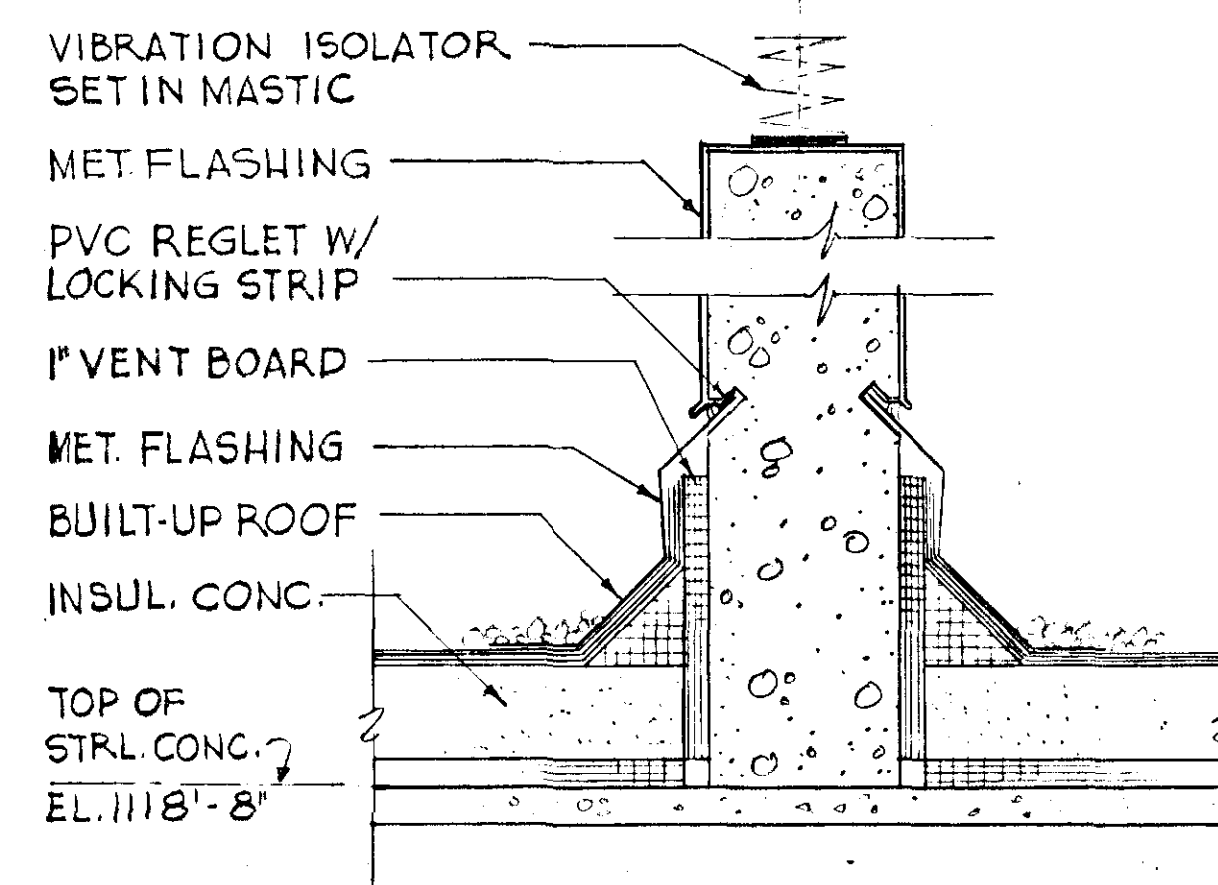
AIR INTAKE DETAIL (M2.3)
NO SCALE



SECTION (M2.1)
SCALE: 1/2"=1'-0"



SECTION (M2.2)
SCALE: 1/2"=1'-0"



SECTION (M2.4)
SCALE: 1/2"=1'-0"

FAN SCHEDULE

MARK	TYPE	CAPACITY CFM	EXTERNAL S.P. IN. H ₂ O	MIN WHEEL DIA IN.	MIN HP	MAX RPM	APPROX ROOF OPNG	REMARKS
F-1	PROPELLER	8320	1/4	24	1 1/2	1135		
F-2	PRV	2220	1/4	21	1/4	655	16x20	
F-3	PRV	1675	1/4	18	1/4	740	16x16	
F-4	PRV	680	1/4	15	1/6	815	14x12	
F-5	PRV	5600	1/4	36	3/4	400	17x31	
F-6	PRV	2325	1/4	24	1/2	605	17x22	
F-7	PRV	920	1/4	15	1/6	885	16x16	
F-8	PROPELLER	10250	1/4	30	1 1/2	770		
F-9		10250	1/4	30	1 1/2	770		
F-10		9200	1/4	30	3/4	640		
F-11	PRV	2325	1/4	24	1/2	605	17x22	

CABINET HEATER SCHEDULE

MARK	CAPACITY BTU/HR	KW	NOMINAL DIM, IN.	APPROX CFM	MIN HP	REMARKS
FF-1	21,500	6.7	40 8 1/4 26	395	1/20	FULLY RECESSED
FF-2	34,100	10.0	40 8 1/4 26	395	1/20	FULLY RECESSED

UNIT HEATER SCHEDULE

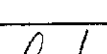
MARK	TYPE	CAPACITY BTU/HR	KW	MIN HP	APPROX CFM	REMARKS
UH-1	HORIZ	28,730	9	1/40	545	
UH-2		40,900	12	1/12	735	
UH-3		14,920	5	1/80	420	

CONVECTOR SCHEDULE

MARK	CAPACITY BTU/HR	WATTS	LENGTH FT
C-1	4720	1750	5
C-2	1960	700	2
C-3	950	320	2

EQUIPMENT NOTES

- AC-1 SHALL HAVE THE FOLLOWING CAPACITIES:
TOTAL AIR = 2520 CFM
MINIMUM OUTSIDE AIR = 250 CFM
TOTAL COOLING = 66,000 BTU/HR
SENSIBLE COOLING = 55,800 BTU/HR
AIR ENT. COOLING COIL = 76.5°F DB, 63.5°F WB
AMBIENT AIR = 95°F
AIR ENT. HEATING COIL = 68.5°F
HEATING CAPACITY = 54,800 BTU/HR, 16 KW
EXTERNAL S.P. = 3/4" H₂O
MINIMUM SUPPLY FAN = 1 1/2 HP

REVISION	DATE	DESCRIPTION	BY	APP.
DESIGNED	AWW	WATER FILTRATION PLANT CITY OF SALEM, VIRGINIA		
DRAWN	BA			
CHECKED	SKL			
APPROVED		HEATING, VENTILATING AND AIR CONDITIONING		
SUBMITTED	11-11-11	FLOOR PLANS, SCHEDULES & DETAILS		
HAYES, SEAY, MATTERN & MATTERN ARCHITECTS—ENGINEERS		SCALE AS NOTED	COMM. NO.	3627-A
ROANOKE, VIRGINIA		DATE APRIL 1970	SHEET	M-2
WASHINGTON, D. C.				