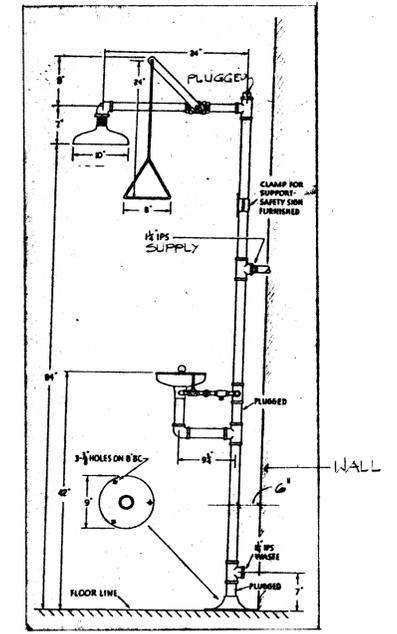


FLOOR PLAN  
SCALE: 1/8" = 1'-0"



(A) EMERGENCY SHOWER & EYE WASH  
(M) NOT TO SCALE

**GENERAL NOTES**

1. CONTRACTOR TO VERIFY ALL DIMENSIONS & CONDITIONS PRIOR TO FABRICATION & INSTALLATION
2. PROVIDE DISCONNECT FOR ALL EF & PRV FOR SERVICING
3. AC CABINET FACE NOT TO EXCEED 15 5/8" x 23 1/2"
4. SEE DETAIL D, SHT. M-3 FOR PRV CURB DETAIL

**COEFFICIENTS OF TRANSMISSION (U)**

EXTERIOR WALL	U = 0.031
ROOF	U = 0.170

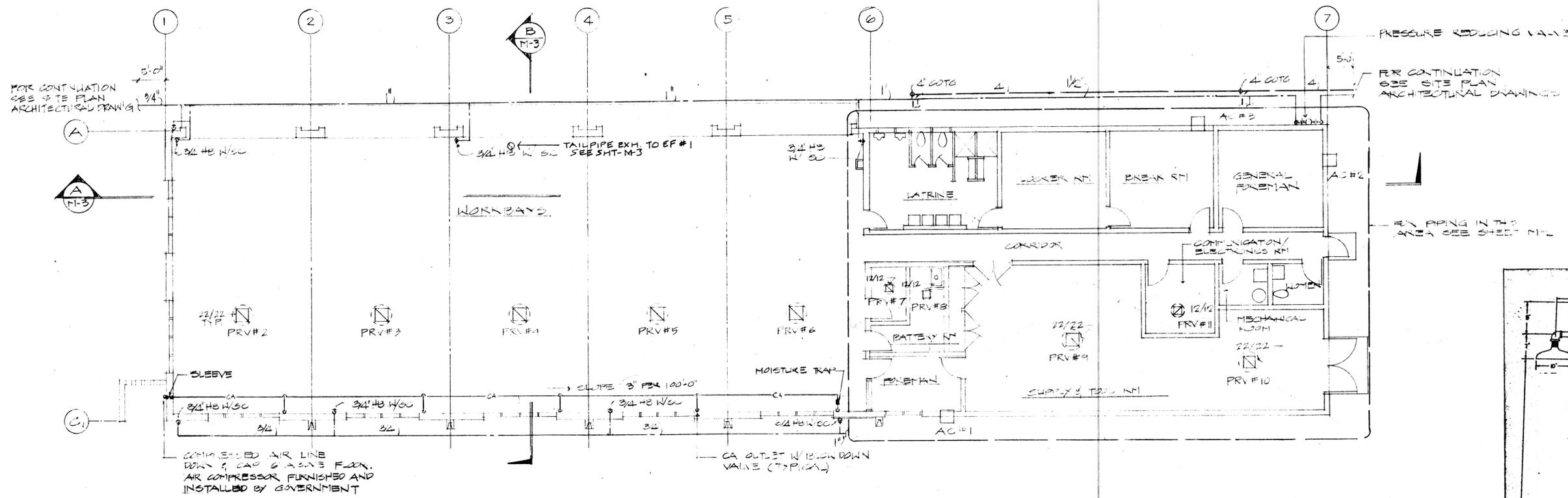
**EQUIPMENT SCHEDULE**

- AC #1 - 720 BTU TOTAL CAPACITY 260 CFM MAX., 2 SPEED FAN, 1/2 H.P. FAN MOTOR 115/14/60  
CARRIER WEATHER-RESISTANT 300 MODEL NO. EH00715 OR APPROVED EQUAL
- AC # 2 208 - 1130 BTU TOTAL CAPACITY, 260 CFM MAX., 2 SPEED FAN 1/4 H.P. FAN MOTOR 115/14/60  
CARRIER WEATHER-RESISTANT 300 MODEL NO. EH1123B OR APPROVED EQUAL
- EF #1 - 1700 CFM @ 3" SP., 1200 RPM, 2 H.P., NON-SPARKING CONSTRUCTION BRASS COATED, BELT DRIVEN, 228 22/60,  
INDUSTRIAL AIR MODEL NO. 231-013 OR APPROVED EQUAL
- PRV #2 THRU PRV #6 - 1520 CFM @ 1 1/2" SP., 360 RPM, 1/2 H.P. BELT DRIVEN, PROVIDE BACK DRAFT DAMPER, 115/14/60  
PENN DOME MODEL NO. 24 OR APPROVED EQUAL
- PRV #7 - 100 CFM @ 1/2" SP., 1/2 H.P. VERTICAL DISCHARGE  
DIRECT DRIVEN PROVIDE BACK DRAFT DAMPER, 115/14/60  
PENN FLEX MODEL NO. FMX 3A OR APPROVED EQUAL
- PRV #8 - 60 CFM @ 1/2" SP., 1/2 H.P. DIRECT DRIVEN, PROVIDE BACK DRAFT DAMPER, 115/14/60  
PENN DOME MODEL NO. 24 OR APPROVED EQUAL
- PRV #9 - 2600 CFM @ 3" SP., 405 RPM, 1/2 H.P. BELT DRIVEN PROVIDE BACK DRAFT DAMPER, 115/14/60  
PENN DOME MODEL NO. 24 OR APPROVED EQUAL
- PRV #10 - 1075 CFM @ 1/2" SP., 1200 RPM, 1/2 H.P. BELT DRIVEN PROVIDE BACK DRAFT DAMPER, 115/14/60  
PENN DOME MODEL NO. 24 OR APPROVED EQUAL
- PRV #11 - 400 CFM @ 1/2" SP. 700 RPM, 1/2 H.P. DIRECT DRIVEN FAN PROVIDE BACK DRAFT DAMPER AND LEK-TROL VARIABLE SPEED CONTROLLER 115/14/60  
PENN DOME MODEL NO. AT-2 OR APPROVED EQUAL

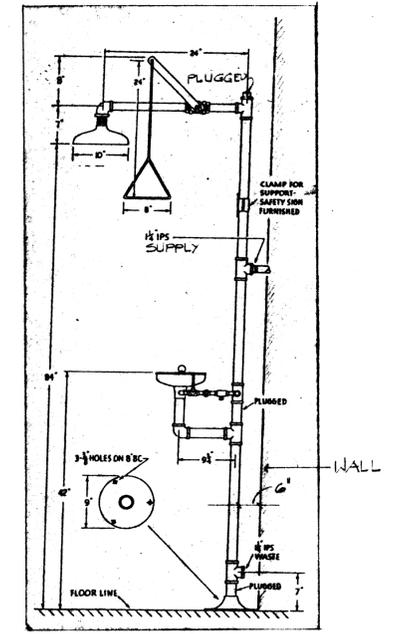
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

*[Signature]*

REVISION NO.	DESCRIPTION	DATE	BY
DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER IN CHIEF, HONOLULU			
DESIGNED MT # DCH	<b>MOBILIZATION AND TRAINING EQUIPMENT SITE</b>		
DRAWN MT # DCH	WAI'ANA	OAHU	HAWAII
CHECKED GKLC	FLOOR PLAN; EQUIPMENT SCHED; GENERAL NOTES		
ENGINEER	AS NOTED		
APPROVED <i>[Signature]</i>	APPROVED COLONEL, USAF, 11522 ERS JAWAII		
APPROVED PT. CE, HANG, COLT & PAC. MAR.	APPROVED DRAWING NO. A-777		
MAJOR GENERAL, HANG, ADJUTANT GENERAL	SHEET 14 OF 16		<b>M-1</b>



FLOOR PLAN  
SCALE: 1/8" = 1'-0"



(A) EMERGENCY SHOWER & EYE WASH  
(M) NOT TO SCALE

**GENERAL NOTES**

1. CONTRACTOR TO VERIFY ALL DIMENSIONS & CONDITIONS PRIOR TO FABRICATION & INSTALLATION
2. PROVIDE DISCONNECT FOR ALL EF & PRV FOR SERVICING
3. AC CABINET FACE NOT TO EXCEED 15 1/2" x 23 1/2"
4. SEE DETAIL D, SHI-M-3 FOR PRV CURB DETAIL

**COEFFICIENTS OF TRANSMISSION (U)**

EXTERIOR WALL	U = 0.51
ROOF	U = 0.176

**EQUIPMENT SCHEDULE**

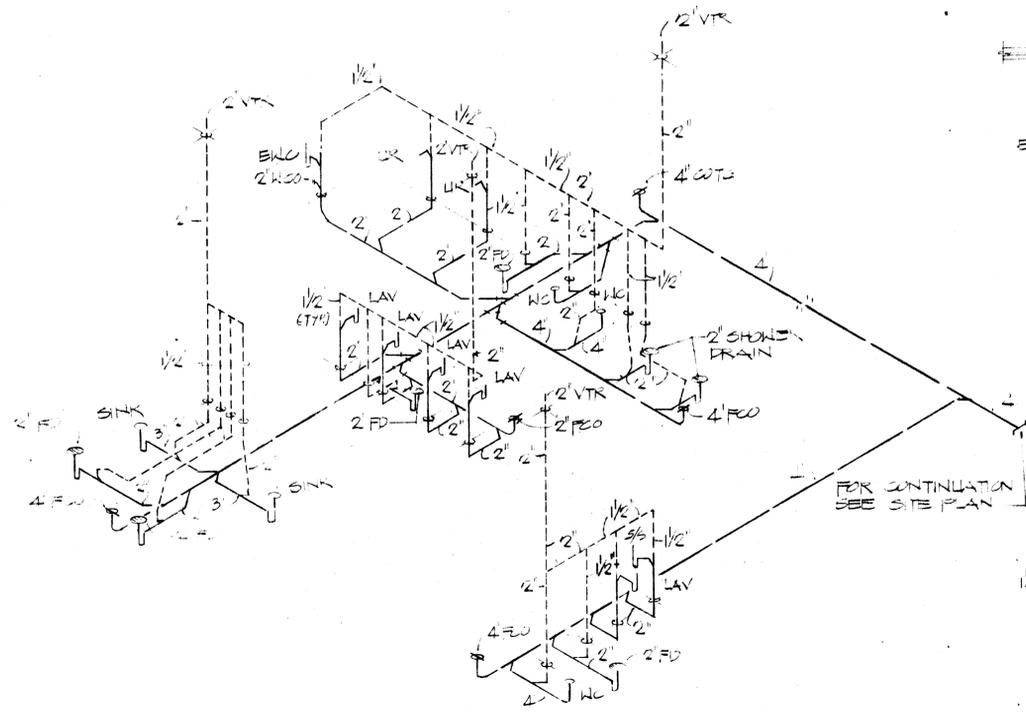
- AC #1 - 720 BTU TOTAL CAPACITY 260 CFM MAX., 2 SPEED FAN, 1/2 H.P. FAN MOTOR 115/14/60 CARRIER WEATHERMASTER 300 MODEL NO. EH007B OR APPROVED EQUAL
- AC #2 208 - 1130 BTU TOTAL CAPACITY, 260 CFM MAX., 2 SPEED FAN 1/4 H.P. FAN MOTOR 115/14/60 CARRIER WEATHERMASTER 300 MODEL NO. EH123B OR APPROVED EQUAL
- EF #1 - 1700 CFM @ 3" SP., 12 1/2" R.P.M., 2 H.P., NON-SPARKING CONSTRUCTION EPOXY COATED, BELT DRIVEN, 228, 37/60, INDUSTRIAL AIR MODEL NO. 231-019 OR APPROVED EQUAL
- PRV #2 THRU PRV #6 - 1520 CFM @ 1 1/2" SP., 360 R.P.M., 1/2 H.P. BELT DRIVEN, PROVIDE BACK DRAFT DAMPER, 115/14/60 PENN DOMEX MODEL NO. 24 OR APPROVED EQUAL
- PRV #7 - 100 CFM @ 1 1/2" SP., 1/2 H.P. VERTICAL DISCHARGE, DIRECT DRIVEN, PROVIDE BACK DRAFT DAMPER, 115/14/60 PENN FLUXX MODEL NO. FMX 9A, OR APPROVED EQUAL
- PRV #8 - 100 CFM @ 1 1/2" SP., 1/2 H.P., DIRECT DRIVEN, PROVIDE BACK DRAFT DAMPER, 115/14/60 PENN DOMEX MODEL NO. XR 94L, OR APPROVED EQUAL
- PRV #9 - 2600 CFM @ 3" SP., 405 R.P.M., 1/2 H.P., BELT DRIVEN, PROVIDE BACK DRAFT DAMPER, 115/14/60 PENN DOMEX MODEL NO. 1324 OR APPROVED EQUAL
- PRV #10 - 1075 CFM @ 1 1/2" SP., 370 R.P.M., 1/2 H.P. BELT DRIVEN, PROVIDE BACK DRAFT DAMPER, 115/14/60, PENN DOMEX MODEL NO. CB18 OR APPROVED EQUAL

PRV # 11 - 400 CFM @ 1 1/2" SP 700 R.P.M., 1/2 H.P. DIRECT DRIVEN FAN, PROVIDE BACK DRAFT DAMPER AND LEK-TROL VARIABLE SPEED CONTROLLER 115/14/60 PENN DOMEX MODEL NO. AT-2, OR APPROVED EQUAL

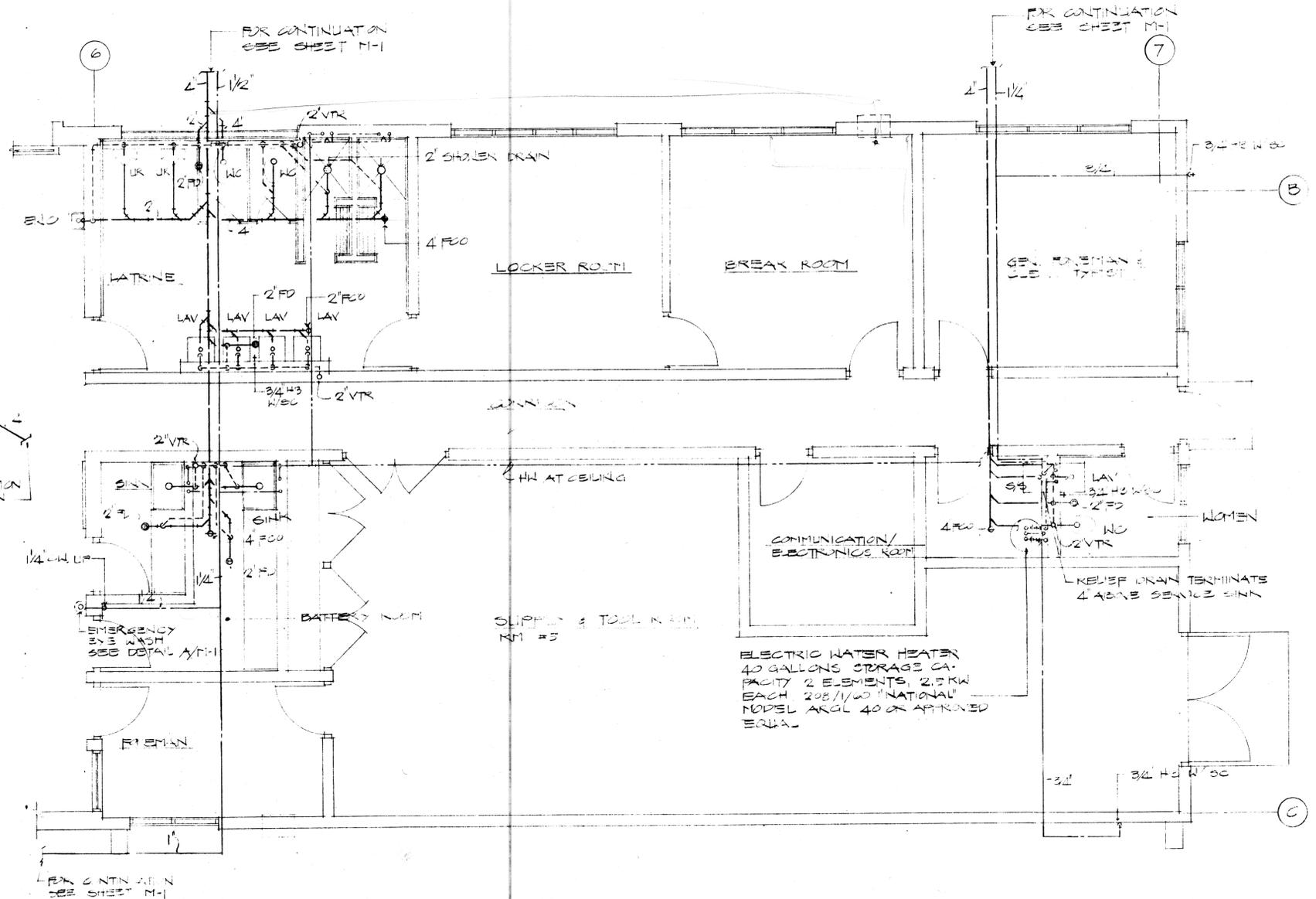


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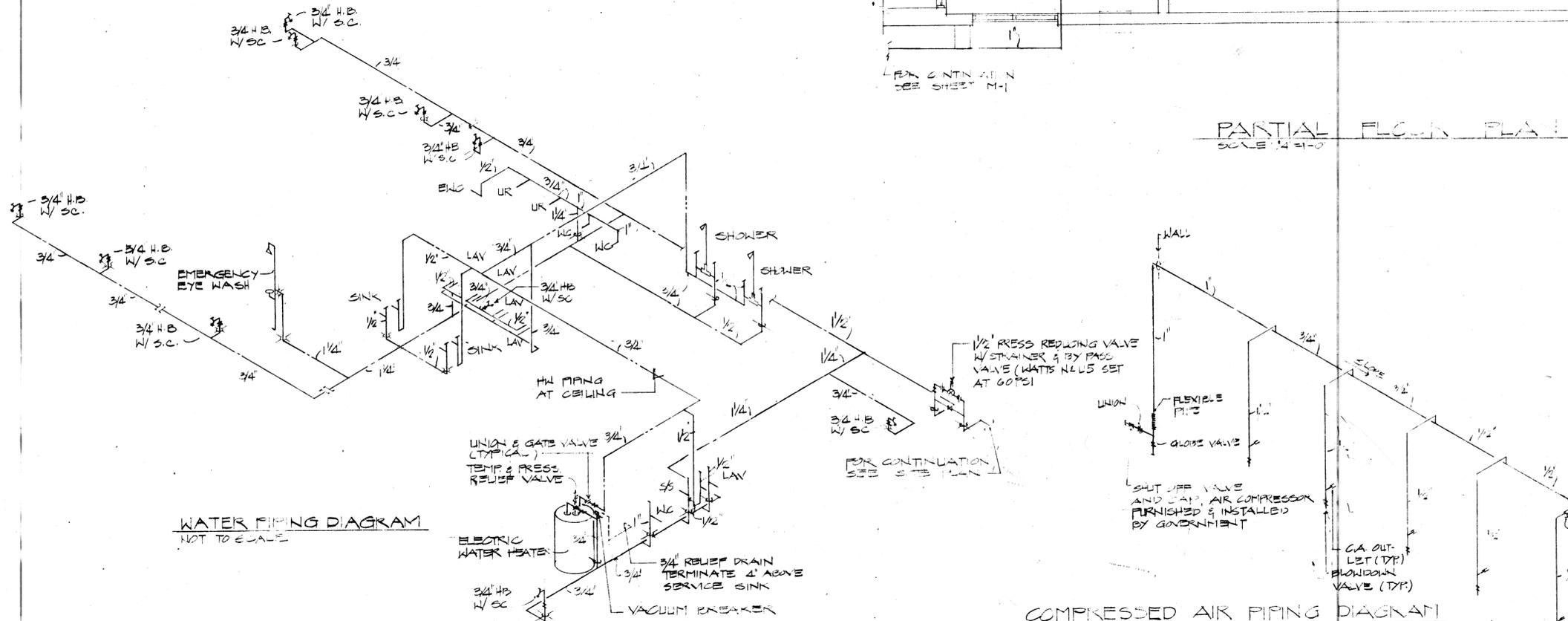
DESIGNED MT # DKH	DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER IN CHIEF, HAWAII		
DRAWN MT # DKH	MOBILIZATION AND TRAINING EQUIPMENT SITE		
CHECKED GKLC	WAIAWA	OAHU	HAWAII
ENGINEER	FLOOR PLAN; EQUIPMENT SCHED; GENERAL NOTES		
APPROVED <i>Frederic W. Klenck</i> CAPT. CE, HAENG, COLT & PAC. MAR.	APPROVED COLONEL, NAB, 112 F22 EXR INSTANT AUGUST 1947		
SCALE AS NOTED	DRAWING NO. A-777		
MAJOR GENERAL, HAWAII, ADJUTANT GENERAL	SHEET 14 OF 18		M-1



**SANITARY DIAGRAM**  
NOT TO SCALE



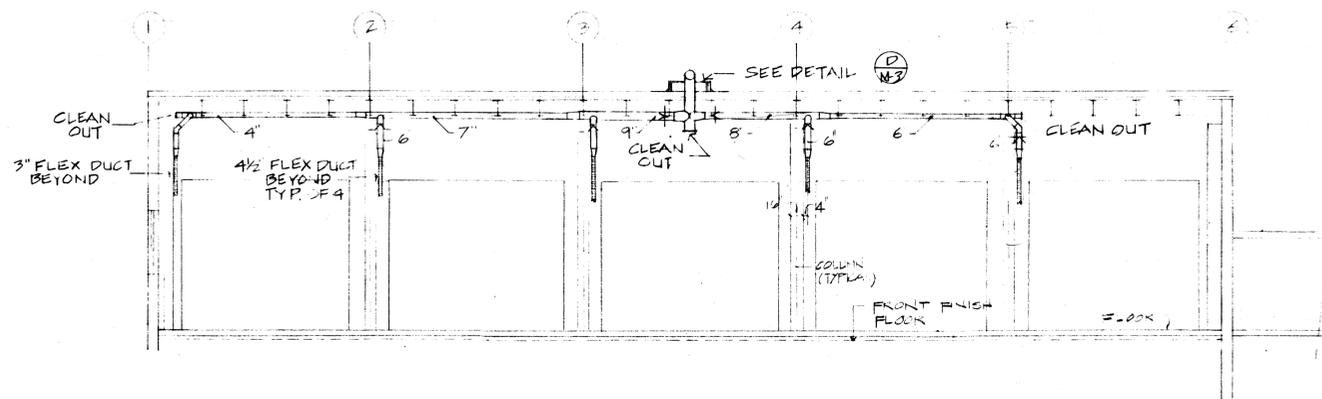
**PARTIAL FLOOR PLAN**  
SCALE 1/4" = 1'-0"



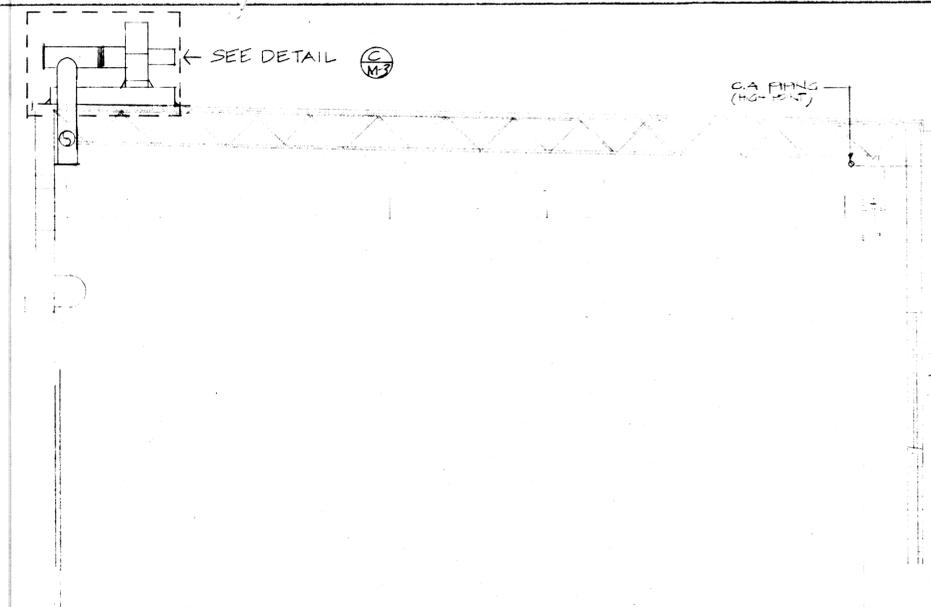
**WATER PIPING DIAGRAM**  
NOT TO SCALE

**COMPRESSED AIR PIPING DIAGRAM**  
NOT TO SCALE

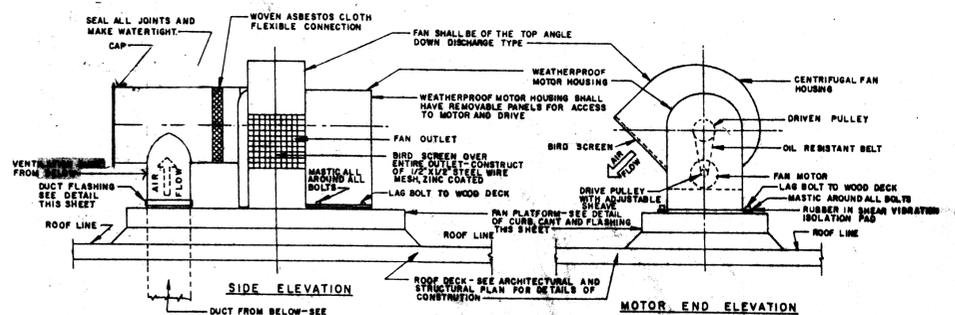
		THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.	
		<p>REVISION NO.      DESCRIPTION      DATE      BY      CHKD.</p>	
<p>DEPARTMENTS OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, Ft. RUGER, HAWAII</p>			
DESIGNED: MAMI	<p><b>Mobilization and Training Equipment Site</b></p>		
DRAWN: MAMI	WAIAWA	KAHU	HAWAII
CHECKED: GAW	<p>PARTIAL FLOOR PLAN &amp; DIAGRAMS</p>		
APPROVED: <i>Frederic W. Kluwe</i>	<p>DATE: AUGUST 1977</p>		
APPROVED: <i>OFFICE, HAWAII, CONSTRUCTION DIVISION, HAWAII, HONOLULU, HAWAII</i>	<p>SCALE: AS NOTED</p>		
APPROVED:	<p>DRAWING NO. A-777</p>		
MAJOR GENERAL HANG, DISTRICT ENGINEER	<p>SHEET: 15 OF 15</p>		



**A**  
M-3  
**SECTION B-B:**  
1/8" = 1'-0"



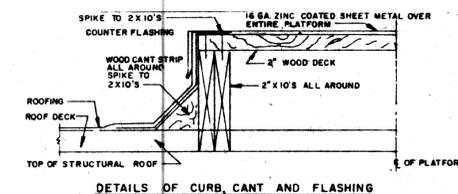
**B**  
M-3  
**SECTION A-A:**  
1/4" = 1'-0"



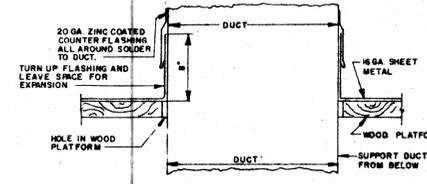
**DETAILS OF THE INSTALLATION OF THE ROOF MOUNTED UTILITY VENT SET.**  
NO SCALE

**INSTALLATION NOTES**

1. SET FAN DEAD LEVEL IN BOTH DIRECTIONS.
2. LUBRICATE FAN, MOTOR AND DRIVE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
3. CHECK FAN FOR CORRECT ROTATION, IF MANUFACTURER HAS NOT INSTALLED ROTATION ARROW INSTALL CORRECT ROTATION ARROW.
4. CHECK TO SEE IF VIBRATION ISOLATION PADS ARE IN PLACE.
5. ADJUST CFM TO VALUES SHOWN ON PROJECT PLANS AND SET BELT TENSION, LOCK ADJUSTABLE MOTOR MOUNT IN PLACE.
6. READ AMPERE INPUT TO MOTOR AND CHECK NAME PLATE RATINGS. DO NOT ALLOW FAN TO RUN WHEN AMPERE INPUT EXCEEDS 110% OF NAME PLATE RATINGS.
7. CLEAN CONSTRUCTION DIRT FROM ALL PARTS OF UTILITY VENT SET AND REPLACE COVER.
8. CHECK WATER TIGHT INTEGRITY OF ALL FLASHING WITH A HOSE AND SEAL ALL LEAKS ENCOUNTERED.

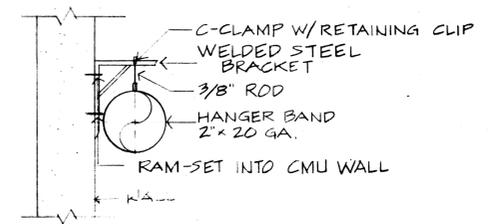


**DETAILS OF CURB, CANT AND FLASHING**



**DETAIL OF DUCT FLASHING**

**C**  
M-3  
**EF-1 DETAIL**



**E**  
M-3  
**DUCT HANGER DETAIL**  
NO SCALE

**D**  
M-3  
**CURB DETAIL TYP.**  
NO SCALE

**NOTES:**

1. TAILPIPE EXHAUST DUCT SHALL BE 18 GA, LOCK TYPE LONGITUDINAL SEAMS MASTIC SEAMS & JOINTS.
2. SUPPORT DUCTWORK AT EACH BRANCH RUN OFF & AT MAX. 8 FEET CENTERS.
3. ATTACH FLEX DUCT TO GALV. DUCT PER MANUFACTURER'S INSTRUCTION.
4. PROVIDE 40 FEET FLEX HOSE W/ TAILPIPE ADAPTOR ON FREE END.
5. TAILPIPE ADAPTOR TYPE TO BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.
6. COORDINATE INSTALLATION OF DUCTWORK W/ TRAVELLING CRANE AND KOLUP WORK INSTALLATION FOR CLEARANCE.
7. STEEL RACK FOR FLEX HOSE TO BE FURNISHED AND INSTALLED BY GOVERNMENT.

		THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.	
		DATE: _____	
DEPARTMENT OF THE ARMY AND AIR FORCE NATIONAL GUARD OF HAWAII OFFICE OF THE ENGINEER, FT. RUGER, HAWAII			
DESIGNED: DKH	MOBILIZATION AND TRAINING EQUIPMENT SITE		
DRAWN: DKH	WAIANA OAHU HAWAII		
CHECKED: GKLC			
ENGINEER:	SECTIONS & DETAILS		
APPROVED: <i>Robert W. Plummer</i>	DATE: _____	DATE: _____	
OFFICE: HONOLULU, 1001 KANE OHEA BLVD., HONOLULU, HAWAII		SCALE: AS NOTED	
DRAWING NO. 2-777		SHEET 16 OF 18	
MAJOR GENERAL, HANG, ADJUTANT GENERAL		<b>M-3</b>	