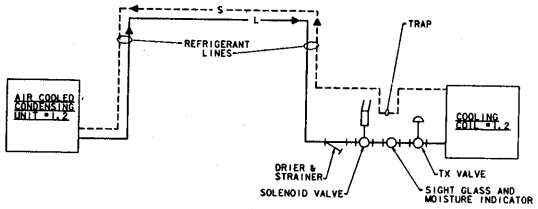
AIR COOLED CONDENSING UNIT SCHEDULE

UNIT NO.	ZONE NO.	COOLING CAPACITY BTUH	COMPRESSOR DATA				CONDENSING FAN DATA				SEE NOTES
			KW	VOLTS	PHASE	HERTZ	HP	VOLTS	PHASE	HERTZ	
1	1	190,000	22.1	460	3	60	(2) 1	460	3	60	1,2
1	2	190,000	22.1	460	3	60	(2) 1	460	3	60	1,2
1	3	179,000	22.1	460	3	60	(2) 1	460	3	60	1,2
1	4	151,000	22.1	460	3	60	(2) 1	460	3	60	1,2
2	1	192,000	22.1	460	3	60	(2) 1	460	3	60	1,2
2	2	196,000	22.1	460	3	60	(2) 1	460	3	60	1,2
2	3	187,000	22.1	460	3	60	(2) 1	460	3	60	1,2
2	4	156,000	22.1	460	3	60	(2) 1	460	3	60	1,2

NOTES:
1. UNIT SUPPLIER SHALL SUBMIT A REFRIGERATION PIPING DIAGRAM FOR APPROVAL.
2. UNIT SHALL HAVE 40° F. LOW AMBIENT CONTROLS.



TYPICAL REFRIGERANT PIPING DIAGRAM

NO SCALE

NOTES:
1. PITCH ALL HORIZONTAL LINES A MINIMUM OF 1/2" IN 10 FEET IN THE DIRECTION OF REFRIGERANT FLOW.
2. PIPE SIZES LISTED ARE FOR LOCATION SHOWN ON PLAN DRAWINGS. IF THE CONDENSING UNITS ARE RELOCATED ELSEWHERE PIPE SIZES SHALL BE CHANGED ACCORDINGLY.

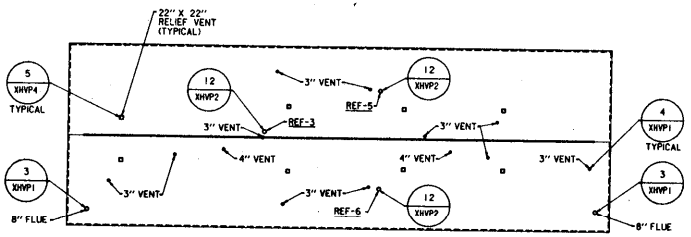
REFRIGERANT PIPING SCHEDULE

COOLING COIL #	SUCTION LIQUID	ZONE #1	ZONE #2	ZONE #3	ZONE #4
1	SUCTION	1 5/8"	1 5/8"	1 5/8"	1 5/8"
	LIQUID	7/8"	7/8"	7/8"	7/8"
2	SUCTION	1 5/8"	1 5/8"	1 5/8"	1 5/8"
	LIQUID	7/8"	7/8"	7/8"	7/8"

EXHAUST FAN SCHEDULE

FAN NUMBER	AREA EXHAUSTED	BACK-DRAFT DAMPER	C.F.M.	SP. "OF W.C.	FAN R.P.M.	MOTOR DATA H.P.	VOLTS	Ø	POWER CIRCUIT	CONTROL NOTE #2	SEE NOTE
REF-1	RM# 139, 143, & 144	14" X 14"	610	1/4	1340	1/3	115	1	NOTE 6	(M)	3, 5, 7
WEF-2	RM# 148	14" X 14"	540	1/4	1550	1/20	115	1	NOTE 6	(M)	3, 4
REF-3	RM# 104, 106, 107, 121, 122, 123, 126, & 128	16" X 16"	750	1/4	1186	1/4	115	1	NOTE 6	(M)	3, 5, 7
WEF-4	RM# 113	14" X 14"	540	1/4	1550	1/20	115	1	NOTE 6	(M)	3, 4
REF-5	RM# 134	12" X 12"	100	1/4	1550	1/20	115	1	NOTE 6	(M)	3, 4, 7
REF-6	RM# 157	12" X 12"	100	1/4	1550	1/20	115	1	NOTE 6	(M)	3, 4, 7

NOTES:
1. OMITTED.
2. CONTROL DESIGNATIONS: (M) FAN TO BE CONTROLLED BY MANUAL SWITCH.
3. PROVIDE BACKDRAFT DAMPER AND DISCONNECT SWITCH.
4. DIRECT DRIVE.
5. BELT DRIVE.
6. SEE ELECTRICAL DRAWINGS.
7. PROVIDE ROOF CURB.



MECHANICAL ROOF PLAN

1/16 INCH = 1 FOOT

1/16" = 1'-0" 16' 12' 8' 4' 0 16' 32'

Symbol	Description	Date	Approved
	Revisions		

J. E. SIRRINE COMPANY
ARCHITECT - ENGINEER DIVISION
GREENVILLE, SOUTH CAROLINA

US ARMY ENGINEER DIVISION HUNTSVILLE
CORPS OF ENGINEERS
HUNTSVILLE, ALABAMA

Site adapt A/E :

ARMY MOBILIZATION DESIGNS
US Army Corps of Engineers

WARD - 46 BED

SCHEDULES & ROOF PLAN

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Ckd. by : JML
Reviewed by : MJC
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