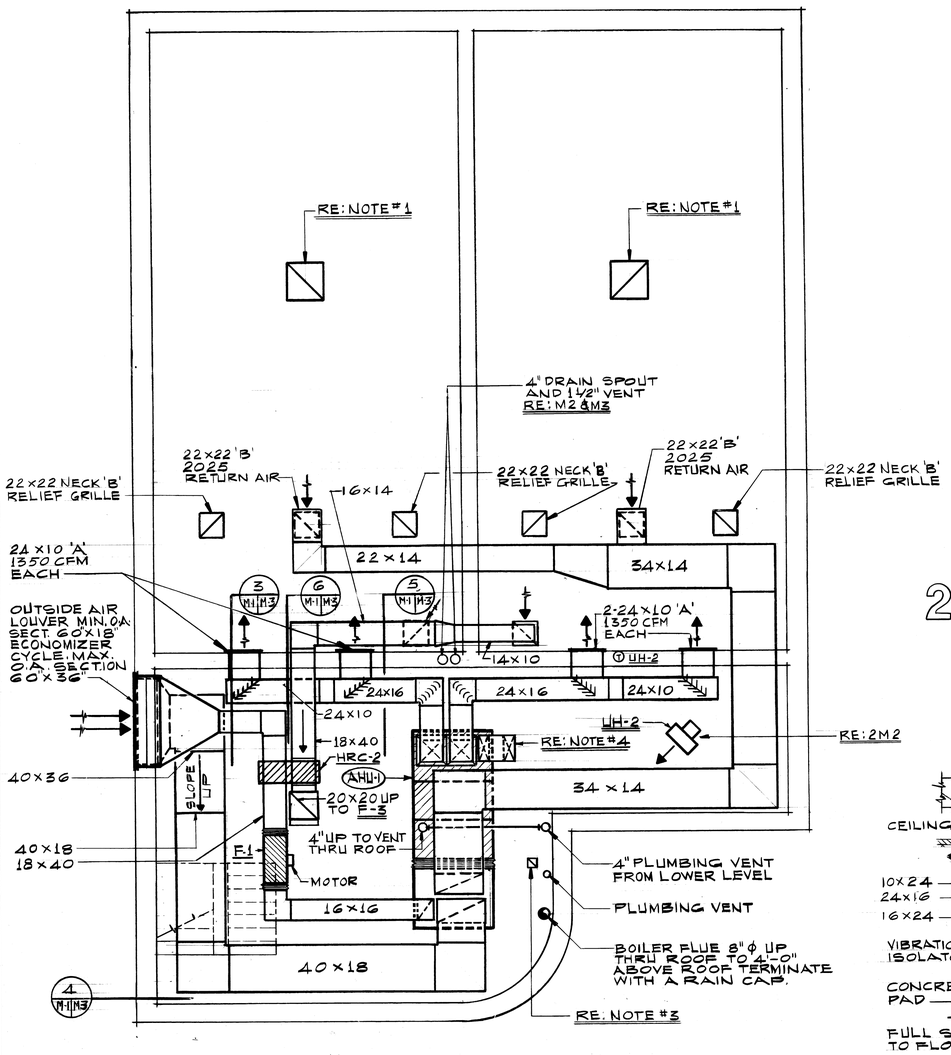
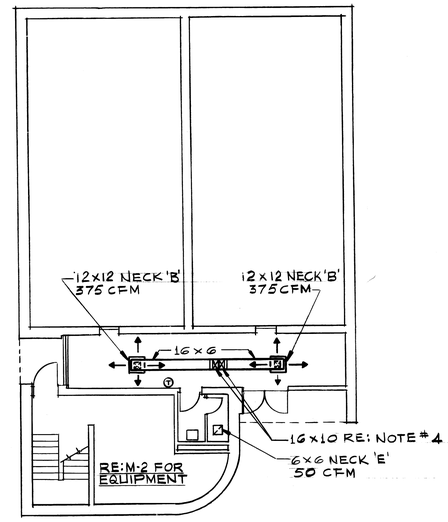


1 UPPER LEVEL PLAN
SCALE 1/4"=1'-0"



2 LOWER LEVEL PLAN
SCALE: 1/8"=1'-0"

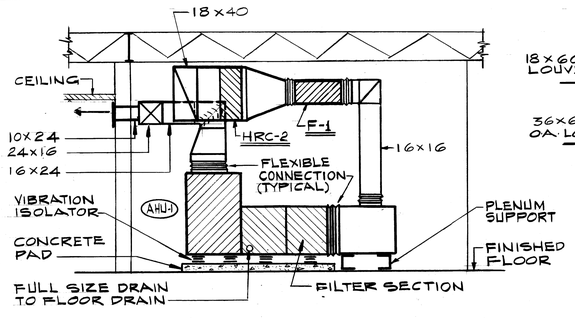
NOTES:

1-30x30 OPENING IN ROOF UP TO RELIEF AIR HOOD RE: 5M1. (RELIEF AIR CIRCUIT ECONOMIZER CYCLE OPERATION)

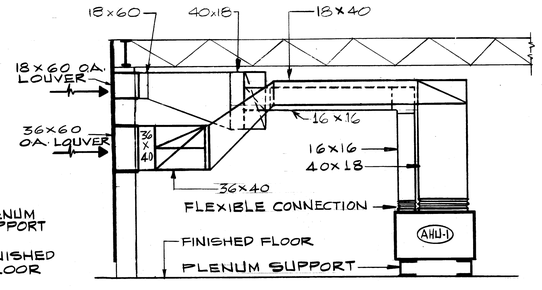
2-RE: 1,4,6 S1 FOR OPENINGS IN CONCRETE WALLS.

3- 6 x 6 UP FROM LOWER LEVEL RE: 2M1 6 x 6 UP TO F-2 ON ROOF.

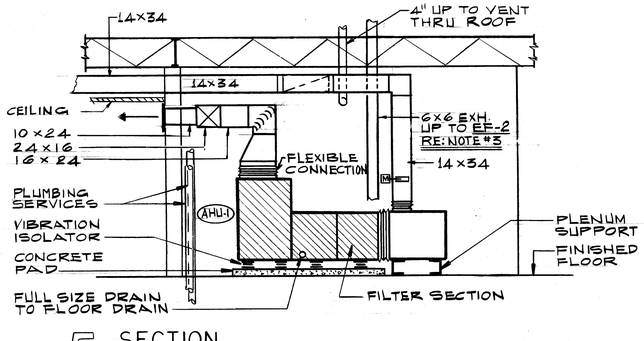
4-16x6 SPLIT INVERTICAL TO 16x10 DOWN THRU FLOOR RE: 2M1 FOR CONTINUATION.



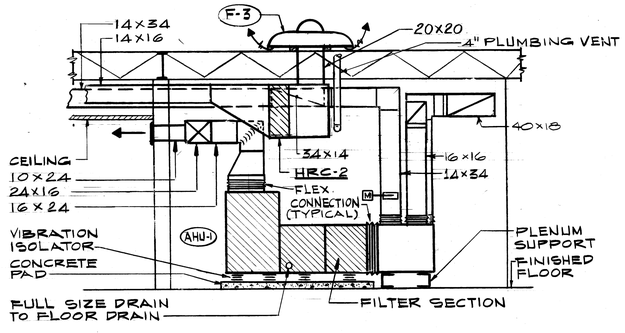
3 SECTION
1/4"=1'-0"



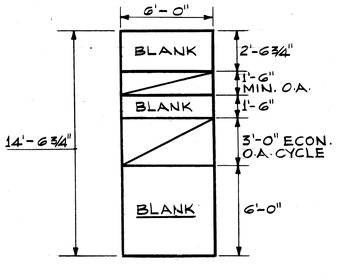
4 LOUVER SECTION
SCALE: 1/4"=1'-0"



5 SECTION
1/4"=1'-0"



6 SECTION
1/4"=1' 0"



7 LOUVER DETAIL
SCALE: 1/4"=1'-0"

	PRESSURE GAUGE
	FLOAT & THERMOSTATIC TRAP
B	BUCKET TRAP
	BLIND FLANGE
	EXPANSION JOINT
V.D.	VOLUME DAMPER
F.D.	FIRE DAMPER
T	THERMOSTAT LOCATED 5'0" ABOVE FLOOR UNLESS OTHERWISE NOTED.
~~H~~	~~HUMIDISTAT LOCATED 5'0" ABOVE FLOOR UNLESS OTHERWISE NOTED.~~
	NOTE: NOT ALL SYMBOLS INDICATED ON THIS LEGEND NECESSARILY APPEAR ON THE DRAWINGS.

LEGEND

CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
HWS	HOT WATER SUPPLY (HEATING)
HWR	HOT WATER RETURN (HEATING)
S	STEAM (5 PSI OR LESS)
SPS	STEAM (PRESSURE AS NOTED)
GC	STEAM CONDENSATE (GRAVITY)
V	VENT LINE (SAFETY RELIEF, STEAM, ETC)
RL	REFRIGERANT LIQUID
RS	REFRIGERANT SUCTION
HG	REFRIGERANT HOT GAS
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
FUV	FUEL OIL VENT
FOG	FUEL OIL GAUGE
BF	BOILER FEED WATER
	PIPE ANCHOR
200 "A"	SUPPLY CEILING DIFFUSER NUMBER=CFM LETTER=TYPE
150 "G"	EXHAUST OR RETURN CEIL. REG. NUMBER=CFM LETTER=TYPE
S.A.	SUPPLY AIR
R.A.	RETURN AIR
EXH.	EXHAUST AIR
PC	STEAM CONDENSATE (PUMPED)
AP	ACCESS PANEL

EQUIPMENT DESIGNATIONS

AHU	AIR HANDLING UNIT
UH	UNIT HEATER
ACCU	AIR COOLED CONDENSING UNIT
F	FAN
RSA	RETURN SOUND ATTENUATOR
B	BOILER
P	WATER PUMP
CRU	CONDENSATE RETURN UNIT
C	CONVERTOR
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE
M	MOTORIZED VOLUME DAMPER

SYMBOLS AND ABBREVIATIONS

	GATE VALVE
	BUTTERFLY VALVE
	GLOBE VALVE
	PLUG (BALANCING) VALVE
	CHECK VALVE
	PRESSURE RELIEF VALVE
	PRESSURE REDUCING VALVE
	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	AUTOMATIC AIR VENT
	STRAINER
	THERMOMETER WELL
	THERMOMETER
	UNION
	GAUGE COCK

SYMBOL	DESCRIPTION	DATE	APPROVAL

REVISIONS

CAUDILL ROWLETT SCOTT
ARCHITECTS ENGINEERS
NEW YORK HOUSTON LOS ANGELES

DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
MILITARY CONSTRUCTION - ENGINEERING DIVISION
WASHINGTON, D.C.

DRAWN BY: N. W. PIERRE
TRACED BY: N. W. PIERRE
CHECKED BY: J. F.
SUBMITTED BY: C H POLLARD CAUDILL ROWLETT SCOTT
APPROVED: CHIEF BRANCH
APPROVED: CHIEF ENGINEERING DIVISION
DATE: MIL. CONSTR. O.C.E.

HANDBALL FACILITIES

TWO COURT FACILITY MECHANICAL PLANS

APPROVED FOR: STANDARD DESIGN
DATE 6-1-79
SPEC. NO. 31-25-01-76 CE
DRAWING NUMBER 31-25-03
SHEET 7 OF 14
M-1