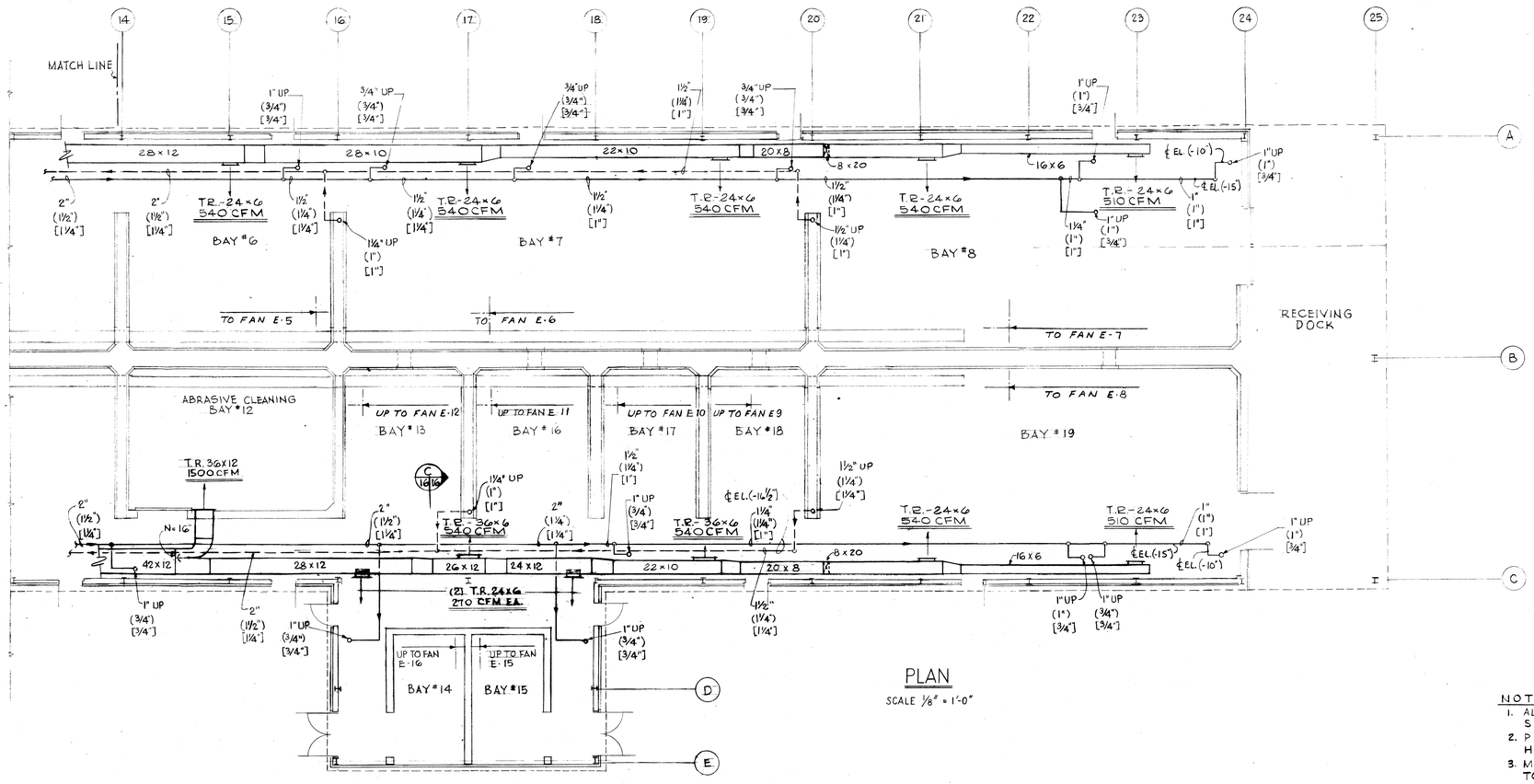
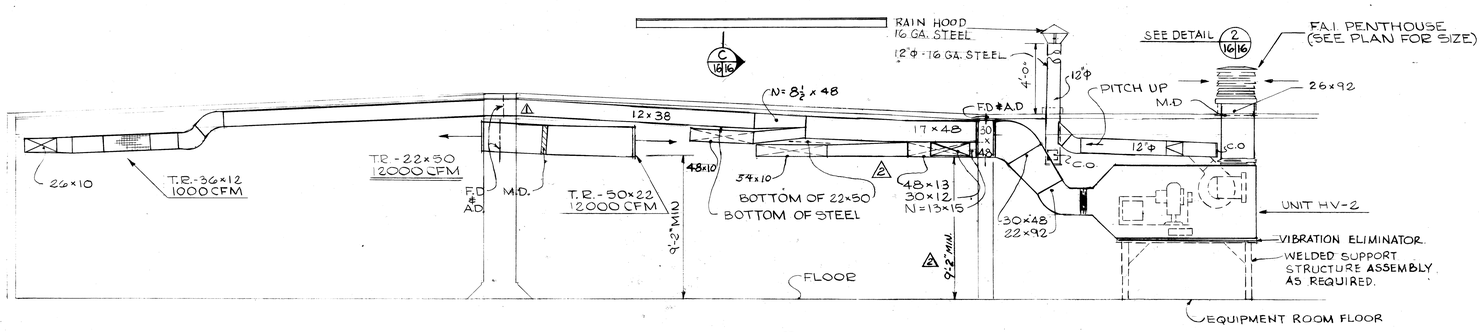


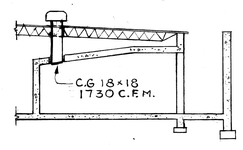
PLAN

SCALE 1/8" = 1'-0"



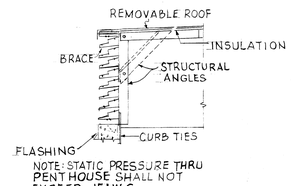
SECTION B 15/16

SCALE 1/4" = 1'-0"



SECTION C 16/16

SCALE 1/8" = 1'-0"



NOTE: STATIC PRESSURE THRU PENTHOUSE SHALL NOT EXCEED .15" W.G.

DETAIL 2 15/16 16

F.A.I. PENTHOUSE

NOT TO SCALE

DIMENSION CODE

PLAIN FIGURE	-20°F
( )	0°F
[ ]	+20°F

SYMBOL LIST

- GATE VALVE
- GLOBE VALVE
- CHECK VALVE
- STRAINER
- HOT WATER SUPPLY
- HOT WATER RETURN
- BRANCH NECK WITH SIZE NOTATION
- F.D. — FIRE DAMPER
- M.D. — MOTORIZED DAMPER
- SUPPLY DUCT IN SECTION
- 12 x 6 — DUCT SIZE: FIRST FIGURE, SIDE SHOWN
- SQUARE ELBOW-VANED
- F.C. — FLEXIBLE CONNECTION
- D — INCLINED DROP WITH RESPECT TO AIR FLOW
- R — INCLINED RISE WITH RESPECT TO AIR FLOW
- F.D.&A.D. — FIRE DAMPER & ACCESS DOOR
- SPLITTER DAMPER
- T.R. — TOP REGISTER WITH SIZE & C.F.M.
- CFM — CUBIC FEET PER MINUTE
- C.R. — CEILING REGISTER
- F.A.I. — FRESH AIR INTAKE
- O.S.&Y. — OUTSIDE STEM & YOKE VALVE
- C.W. — COLD WATER
- H.W. — HOT WATER
- PLUG VALVE
- STRAINER WITH BLOW-OFF
- N.O. — NORMALLY OPEN
- P.R.V. — PRESSURE REDUCING VALVE
- GPM — GALLONS PER MINUTE
- T — THERMOSTAT
- PSI — POUNDS PER SQUARE INCH
- C.O. — CLEAN OUT
- AIR VENT
- MANUAL VOLUME DAMPER

NOTES

1. ALL PIPING ELEVATIONS ARE FROM TOP OF CONCRETE SLAB (FLOOR LEVEL)
2. PROVIDE AIR VENTS AT ALL HIGH POINTS OF H.W. HEATING SYSTEM AND WHERE SHOWN ON DWGS.
3. MAINS UNDER THE SLAB SHALL BE 1'-0" MIN. TO 2'-6" MAX. FROM COLUMN LINES A&C
4. RADIANT PANEL PIPING IN THE SLABS SHALL NOT BE LOCATED CLOSER THAN 1'-0" FROM THE INSIDE FACE OF THE OUTSIDE WALLS.

GRAPHIC SCALES

1/8" = 1'-0"

1/4" = 1'-0"

SYMBOL	DESCRIPTION	DATE	APPROVAL
2	REROUTED DUCTS; ADDED DIMENSION	22 AUG 68	
1	ADDED FIRE DAMPER + ACCESS DOOR	22 AUG 68	

REVISIONS

AMMANN & WHITNEY
CONSULTING ENGINEERS
111-8TH AVENUE, NEW YORK, N.Y.

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

DRAWN BY: G.S.
TRACED BY: G.S.
CHECKED BY: S.B.
SUBMITTED BY: AMMANN & WHITNEY

AMMUNITION MAINTENANCE FACILITY

AMMUNITION MAINTENANCE BUILDING

HEATING & VENTILATION HVAC

APPROVED: CHIEF UTILITIES BRANCH
APPROVED: CHIEF ENGINEERING DIVISION, MIL. CONSTR. O.C.E.
DATE: 18 JULY 1966

APPROVED FOR
DATE:

SCALE AS NOTED
SPEC. NO. 16-06-324-66-C2

DRAWING NUMBER 35-69-09

SHEET 16 OF 45