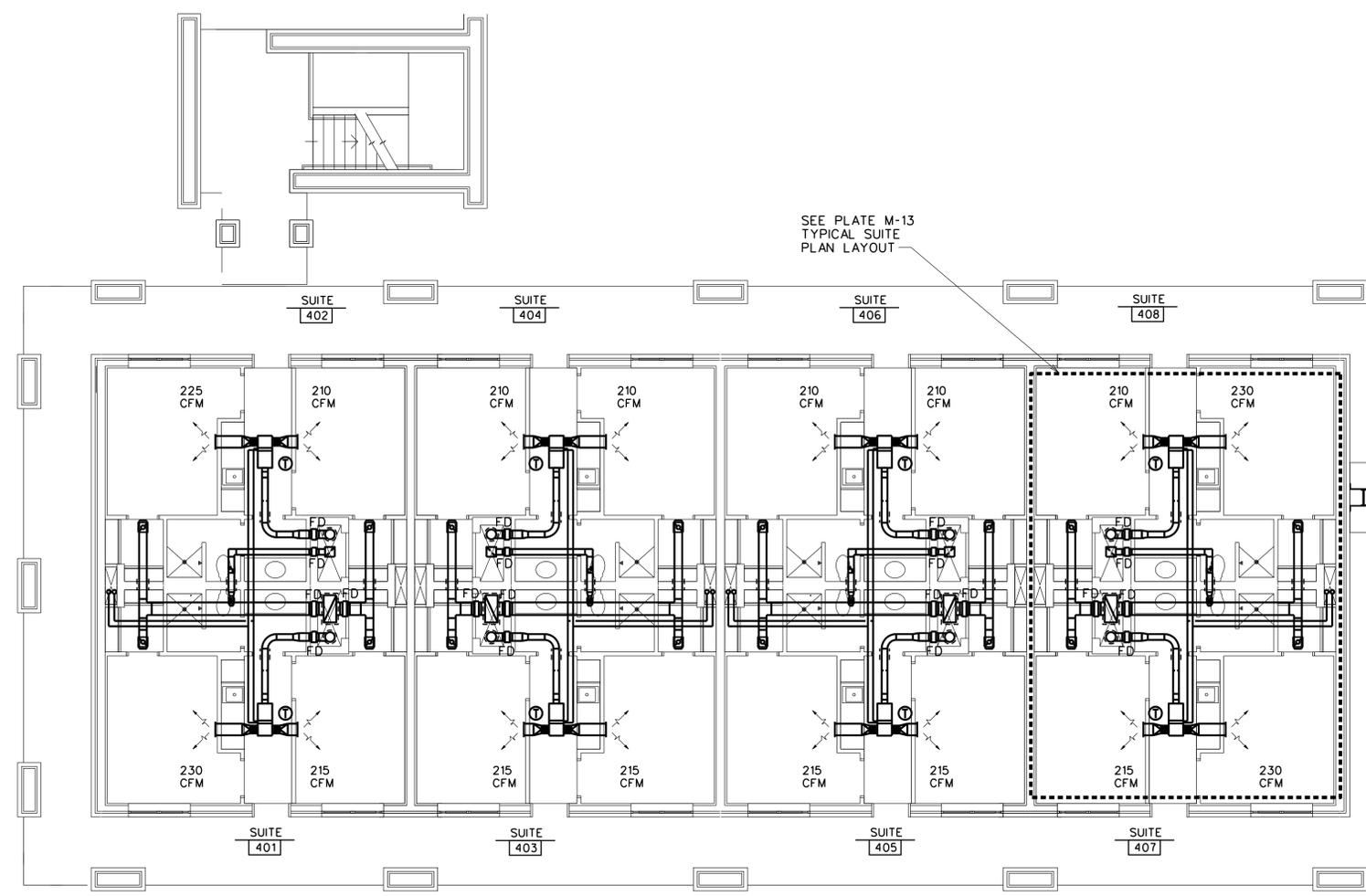


5 4 3 2 1



FOURTH FLOOR PLAN - LEFT WING
SCALE: 3/16" = 1'-0"

NOTES:

1. PROVIDE ACCESS DOORS IN CEILING FOR ACCESS TO FIRE DAMPERS AND MANUAL VOLUME DAMPERS. (TYPICAL EACH ROOM)
2. PROVIDE ACCESS DOORS IN CEILING FOR ACCESS TO VAV BOXES AND CONTROLS. (TYPICAL EACH ROOM)
3. PLASTIC PIPING SHALL NOT BE USED.

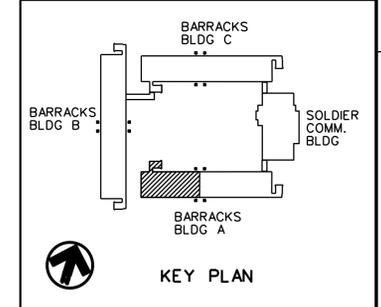
HVAC DUCTWORK NOTES:

1. PRIMARY AIR SUPPLY METAL DUCT FROM DISCHARGE OF AIR HANDLING UNIT TO INLET OF VAV BOXES SHALL BE RATED AT 10" W.G. PRESSURE CLASS FOR ROUND DUCT.
2. SUPPLY AIR DUCTWORK FROM DISCHARGE OF VAV BOX TO DIFFUSER SHALL BE RATED AT 2" W.G. PRESSURE CLASS.
3. RETURN AND EXHAUST AIR DUCTWORK SHALL BE RATED AT 2" W.G. PRESSURE CLASS.
4. FLEX DUCT CONNECTING METAL PRIMARY AIR SUPPLY DUCTWORK TO VAV BOX VALVE INLET SHALL BE RATED AT 10" W.G. PRESSURE CLASS.

VARIABLE AIR VOLUME UNIT SCHEDULE														
SYMBOL	QUANTITY OF BOXES	COOLING		AIR VALVE DATA		HEATING		WATER DATA				DUCT ORIFICES		
		CFM (MAX)	CFM (MIN)	*APPROX. INLET SIZE (INCHES)	**MAX ΔP ACROSS AIR VALVE (IN. W.C.)	CFM	ENT. AIR *F DB	CAPACITY (BTUH)	GPM	EWT *F	ΔT	ΔP FT. (MAX)	SIZE	VAV UNIT
VAV-401	1	445	40	6" DIA.	0.4"	180	55.0	8000	0.8	180	20	5		
VAV-402	1	435	40	6" DIA.	0.4"	180	55.0	8000	0.8					
VAV-403, VAV-405	2	430	40	6" DIA.	0.4"	180	55.0	8000	0.8					
VAV-404, VAV-406	2	420	40	6" DIA.	0.4"	170	55.0	7000	0.7					
VAV-407	1	445	40	6" DIA.	0.4"	180	55.0	8000	0.8					
VAV-408	1	440	40	6" DIA.	0.4"	180	55.0	8000	0.8					

**PRESSURE DROP INCLUDES HOT WATER COIL
 *ACTUAL AIR VALVE SIZES MAY VARY DEPENDING ON MANUFACTURER USED.
 *DUCT RUNOUT SIZE TO EACH VAV UNIT SHALL BE COORDINATED WITH ACTUAL MANUFACTURER'S MODEL USED, THE RUNOUT SIZES SHOWN SHALL BE REVISED AS REQUIRED TO MATCH THE ACTUAL VALVE INLET SIZE.

SCALE: 3/16" = 1'-0"



RECORD DRAWING

SYMBOL	ZONE	DESCRIPTION	DATE	BY
		AS BUILT	28SEP01	JSF

U. S. ARMY ENGINEER DISTRICT, SAVANNAH
 CORPS OF ENGINEERS
 SAVANNAH, GEORGIA

BARRACKS RENEWAL KELLEY HILL NO. 2
 BARRACKS BLDG "A"
HVAC PLAN-4TH FLOOR (LEFT WING)

FORT BENNING, GEORGIA

SIZE	SOLICITATION NO.	FILE NO.	PLATE
F	DACA21-96-B-0050	721-11-09	M-16A

SCALE: SHEET 208A

5 4 3 2 1

DGN SPECIFICATIONS

