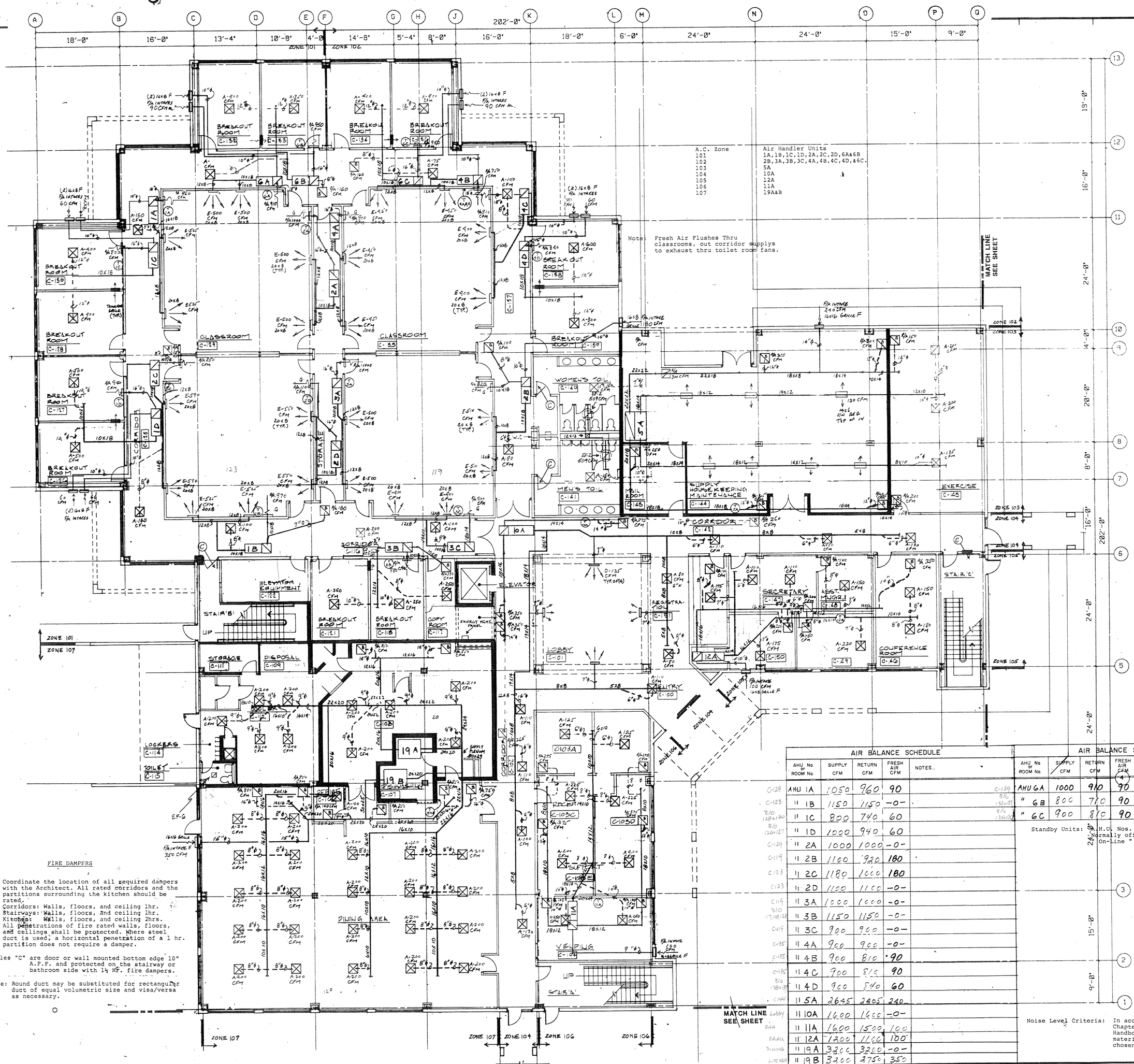

Note: Fresh Air Flushes Thru classrooms, out corridor supplys to exhaust thru toilet room fans.

A.C. Zone	Air Handler Units
101	1A,1B,1C,1D,2A,2C,2D,6A&6B
102	2B,3A,3B,3C,4A,4B,4C,4D,&6C.
103	5A
104	10A
105	12A
106	11A
107	19A&B

FIRE DAMPERS

Special Note: Coordinate the location of all required dampers with the Architect. All rated corridors and the partitions surrounding the kitchen should be rated.
Corridors: Walls, floors, and ceiling 1hr.
Stairways: Walls, floors, And ceiling 1hr.
Kitchen: Walls, floors, and ceiling 2hrs.
All penetrations of fire rated walls, floors, and ceilings shall be protected. Where steel duct is used, a horizontal penetration of a 1 hr. partition does not require a damper.

Transfer Grilles "C" are door or wall mounted bottom edge 10" A.F.F. and protected on the stairway or bathroom side with 1½ Hr. fire dampers.

Note: Round duct may be substituted for rectangular duct of equal volumetric size and visa/versa as necessary.

AIR BALANCE SCHEDULE

	AHU No. or ROOM No.	SUPPLY CFM	RETURN CFM	FRESH AIR CFM	NOTES...
C-129	AHU 1A	1050	960	90	
C-123	" 1B	1150	1150	-0-	
B/O 128+130	" 1C	800	740	60	
B/O 126+127	" 1D	1000	940	60	
C-129	" 2A	1000	1000	-0-	
C-119	" 2B	1100	920	180	
C-123	" 2C	1180	1000	180	
C-123	" 2D	1100	1100	-0-	
C-119 B/O 117,118,123	" 3A	1000	1000	-0-	
	" 3B	1150	1150	-0-	
C-119	" 3C	900	900	-0-	
C-135	" 4A	900	900	-0-	
C-135	" 4B	900	810	90	
C-135	" 4C	900	810	90	
B/O 135+137	" 4D	900	840	60	
C-141	" 5A	2645	2405	240	
Lobby	" 10A	1600	1600	-0-	
FAA	" 11A	1600	1500	100	
FAA	" 12A	1200	1100	100	
Dining	" 19A	3260	3260	-0-	
Kitchen	" 19B	3200	2750	350	

AIR BALANCE SCHEDULE

	AHU No. or ROOM No.	SUPPLY CFM	RETURN CFM	FRESH AIR CFM	NOTES...
C-129	AHU 6A	1000	910	90	
B/O 128+130	" 6B	800	710	90	
B/O 126+127	" 6C	900	810	90	

Standby Units: A.H.U. Nos. 1B, 2A, 3A & 4A Normally off. Units to be brought "On-Line" as necessary.

Noise Level Criteria: In accordance with Fig. 4. Chapter 52, 1987 ASHRAE Handbook. All Air Distribution materials and hardware have been chosen to provide a N.C. > 35.

project name/owner's name

ITT - PALM COAST

FAA MANAGEMENT TRAINING FACILITY

project number

8486.02

owner's project number

consultants construction managers

GILBANE BUILDING COMPANY

FERRAN ENGINEERING

seal/signature

issued for

item	date
ISSUED	12/3/86
REVISED FLOOR PLAN	7-21-87
H.V.A.C. (AHU'S) & DUCT LAY-OUT	20-AUG.87

drawn by F.J.H.

checked by R.S.R.

sheet title

H.V.A.C. SYSTEM TRAINING BUILDING 1ST FL.

sheet number

10.01

1052-017-001