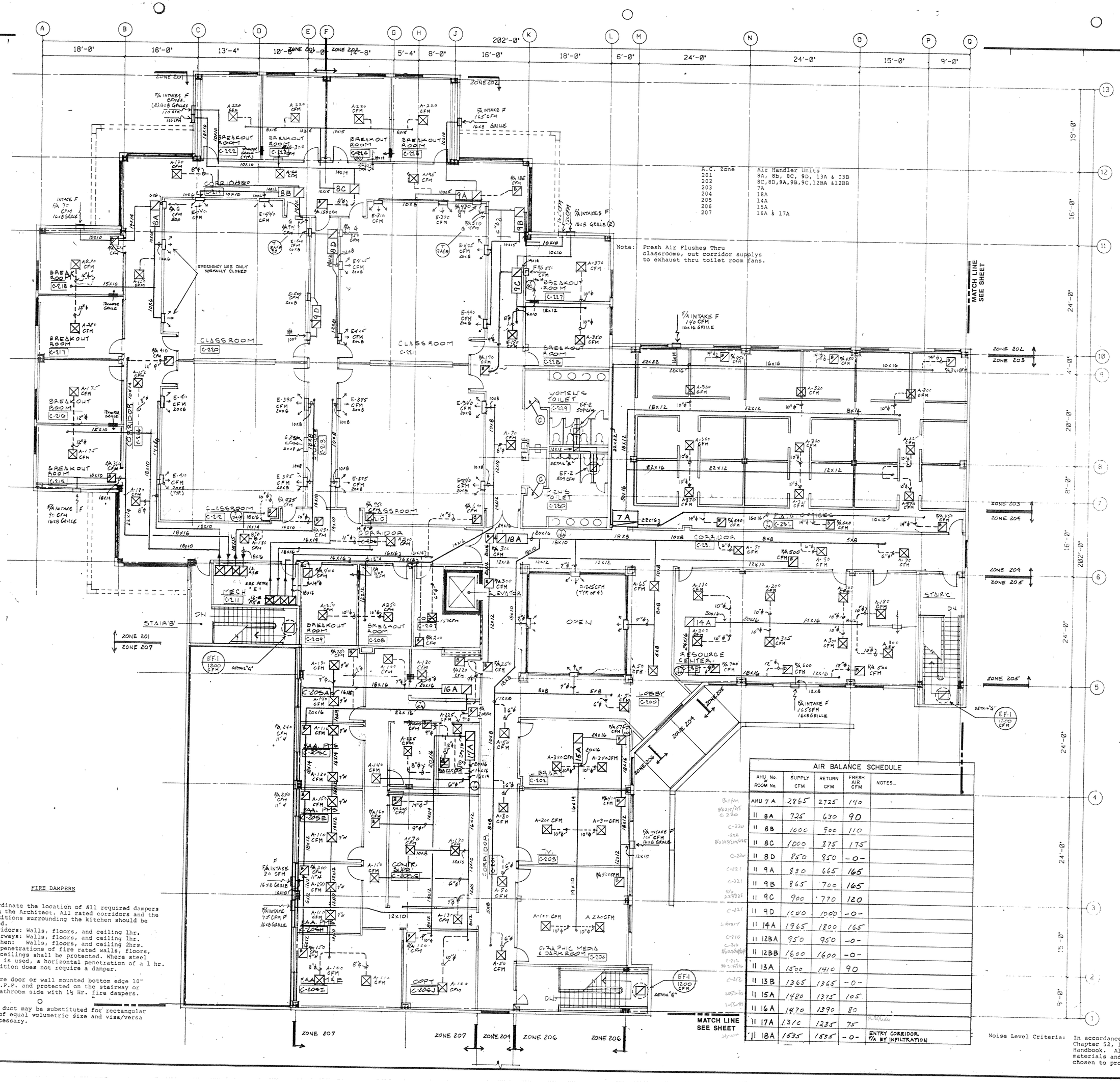

A.C. Zone	Air Handler Units
201	8A, 8b, 8C, 9D, 13A & 13B
202	8C,8D,9A,9B,9C,12BA &12BB
203	7A
204	18A
205	14A
206	15A
207	16A & 17A

AIR BALANCE SCHEDULE

AHU No. or ROOM No.	SUPPLY CFM	RETURN CFM	FRESH AIR CFM	NOTES...
AHU 7 A	2865	2725	140	
" 8A	725	630	90	
" 8B	1000	900	110	
" 8C	1000	875	175	
" 8D	850	850	-0-	
" 9A	830	665	165	
" 9B	865	700	165	
" 9C	900	770	120	
" 9D	1000	1000	-0-	
" 14A	1965	1800	165	
" 12BA	950	950	-0-	
" 12BB	1600	1600	-0-	
" 13A	1500	1410	90	
" 13B	1365	1365	-0-	
" 15A	1480	1375	105	
" 16A	1470	1390	80	
" 17A	1310	1235	75	
" 18A	1535	1535	-0-	ENTRY CORRIDOR. F/A BY INFILTRATION

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.

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	3/AUG.87

drawn by F.J.H.

checked by R.S.R.

sheet title

H.V.A.C. SYSTEM TRAINING BUILDING 2ND FL.

sheet number

10.02