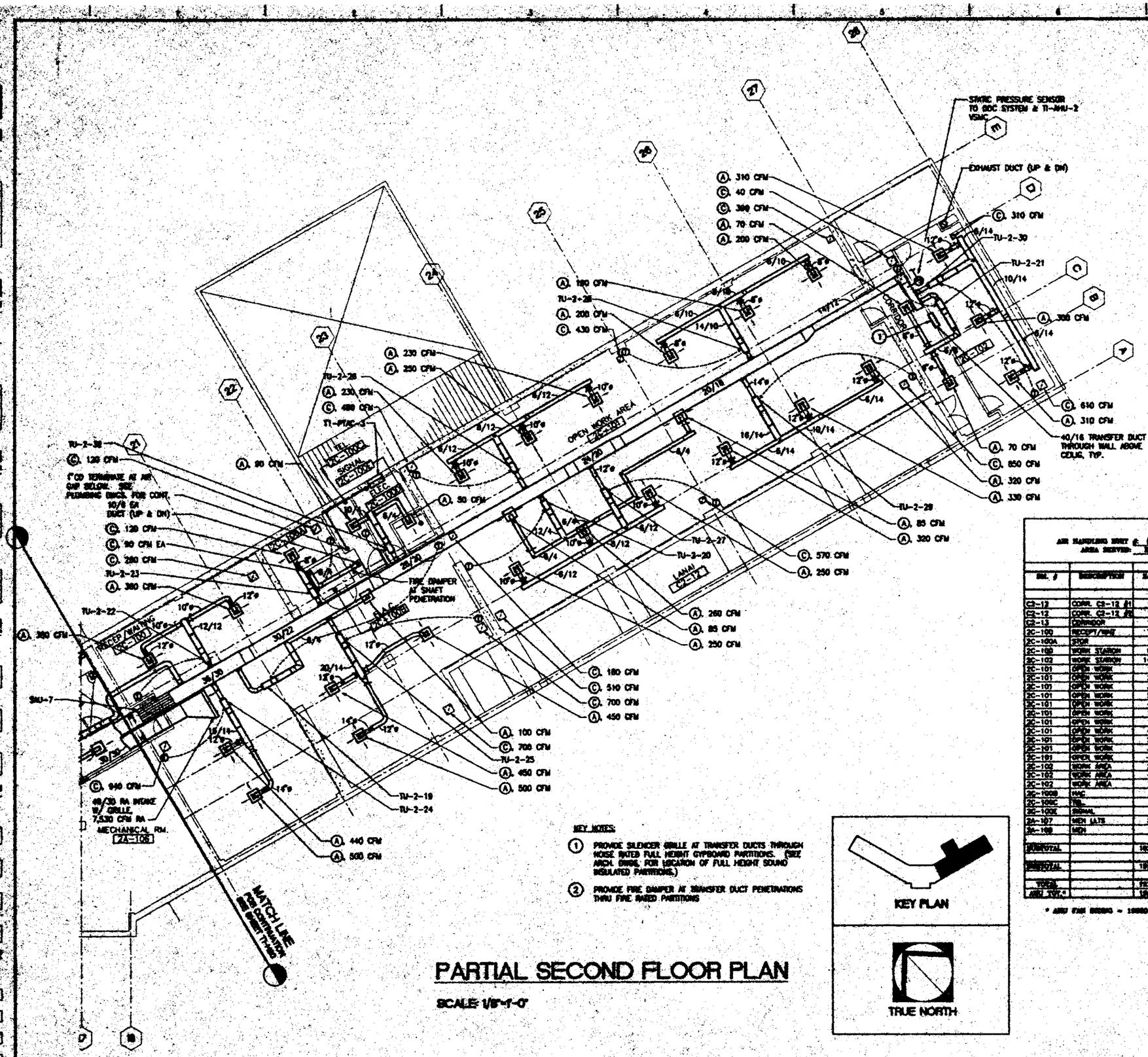

KEY NOTES:

1. PROVIDE SILENCER GRILLE AT TRANSFER DUCTS THROUGH NOISE RATED FULL HEIGHT GYPBOARD PARTITIONS. (SEE ARCH. DWGS. FOR LOCATION OF FULL HEIGHT SOUND INSULATED PARTITIONS.)
2. PROVIDE FIRE DAMPER AT TRANSFER DUCT PENETRATIONS THRU FIRE RATED PARTITIONS

KEY PLAN

TRUE NORTH

PARTIAL SECOND FLOOR PLAN

SCALE: 1/8"=1'-0"

AIR TERMINAL UNIT / ROOM BY ROOM SUMMARY

AIR HANDLING UNIT #: (TYP. 6 of 9)
AREA SERVED: 1-Story

RM. #	DESCRIPTION	SA	RA	EA	AIR TERMINAL UNIT (TU) TAG	UNIT TYPE	CFM MAX.	CFM MIN.	REHEAT KW	CAP. (MBH)	TRANS. REG.	PRESS. REG.	REMARKS
C2-12	CORR. C2-12 #1	100	10		TU-2-19	S	100	60	---	---	NO	P	60 CFM TO 2C-100B
C2-12	CORR. C2-12 #2	170	170		TU-2-30	S	170	90	---	---	NO	P	
C2-13	CORRIDOR	140	40		TU-2-31	S	140	100	---	---	NO	P	100 CFM EXFILTRATION THRU EXTERIOR DOOR
2C-100	RECEPT/WAIT	760	760		TU-2-22	S	760	230	---	---	NO	P	
2C-100A	STOR	120	120		TU-2-23	S	120	60	---	---	NO	P	
2C-100B	WORK STATION	540	540		TU-2-24	S	540	280	---	---	NO	P	
2C-102	WORK STATION	1400	1400		TU-2-25	S	1400	450	---	---	NO	P	
2C-101	OPEN WORK	130	130		TU-2-26	S	710	210	---	---	NO	P	
2C-101	OPEN WORK	280	280								---	P	
2C-101	OPEN WORK	300	300								---	P	
2C-101	OPEN WORK	210	210		TU-2-27	S	760	230	---	---	NO	P	
2C-101	OPEN WORK	420	420								---	P	
2C-101	OPEN WORK	130	130								---	P	
2C-101	OPEN WORK	180	180		TU-2-28	S	560	180	---	---	NO	P	
2C-101	OPEN WORK	400	400								---	P	
2C-101	OPEN WORK	320	320		TU-2-29	S	970	260	---	---	NO	P	
2C-101	OPEN WORK	320	320								---	P	
2C-101	OPEN WORK	430	430								---	P	
2C-102	WORK AREA	270	270		TU-2-30	S	920	280	---	---	NO	P	
2C-102	WORK AREA	460	460								---	P	
2C-102	WORK AREA	170	170								---	P	
2C-102B	MAU			80							---	M	3/4" UCD 80 CFM FROM C2-12 #1
2C-102C	TEL	60	60		TU-2-32	S	140	40	---	---	NO	P	
2C-102E	ORIENTAL	30	30								---	P	
2A-107	MEN LATR	270		330	TU-2-34	A	270	270	1.6		NO	A	3/4" UCD 80 FROM C2-1/2
2A-108	MEN			240							---	M	3/4" UCD 160 FROM C2-1/2
RESIDENTIAL		16200	17640	1440									
RESIDENTIAL		19980	17640	1440									
			-1760	1760									
TOTALS		36180	33520	3200									
AHU TOT.*		36180	33520	4160									

LOOR EXFILTRATION

ADDITIONAL RELIEF EXHAUST AT AHU

TOTAL ADJUSTED OUTSIDE AIR = 4160 CFM

* AHU FAN DESIGN = 36180 SA X 1.04 DUCT LEAKAGE FACTOR = 37970 CFM

ARCHITECTS HAWAII LIMITED
1001 Bishop Street, Pacific 300
Honolulu, Hawaii 96813
Telephone: (808) 523-9638
FAX: (808) 521-3288

Drawing Title: PARTIAL SECOND FLOOR PLAN

Project Name: AMBULATORY CARE CLINIC AND PREVENTIVE MEDICINE FACILITY, SCHOFIELD BARRACKS, HAWAII

Date: MAR. 20, 1997

Project No.: 459-0028

Drawing No.: T1-H21

Sheet No. 97 of 97

Scale: 1/8"

Revision: 3

Date: 97/12

Checked: RCAJR

Drawn: VERSCHEL REYNOLDS-DEVERA