

Appendix:
JBSA FSH B3635 and B3631
Site Photos

Section A: Typical Dedicated Outside Air System (DOAS)

DOAS: Corridor Access



DOAS: Corridor Access – Open Hatch



DOAS: Corridor Access – Typical Tag Number



DOAS – Connection Points 1



DOAS – Connection Points 2



DOAS – Connection Points 3



DOAS – Connection Points 4



DOAS – Condensate Drain



DOAS: Side View to Remove Paneling



WATER SOURCE HEAT PUMP SCHEDULE															
SYMBOL	SERVED	AIR FLOW L/s	EXT. S.P. Pa	WATER FLOW L/s	WATER PRESS. DROP KPa	COOLING				HEATING			ELECTRICAL	REMARKS	
						ENT. AIR		CAPACITY, Kw		WATER TEMP. IN, °C	ENT. AIR DB, °C	CAPACITY Kw			WATER TEMP. IN, °C
						DB, °C	WB, °C	SENS.	LAT.						
WHP-1	BARRACK BEDROOM	140	62.5	0.165	30.0	25.6	18.0	2.65	0.35	29.4	21.1	2.75	21.1	208V/1P.	1
WHP-2	BARRACK BEDROOMS OUTSIDE AIR	160	50.0	0.110	30.0	36.1	22.8	2.00	0.85	29.4	-1.7	3.75	21.1	208V/1P.	2
WHP-3	SOLDIER COMMUNITY BUILDING STORAGE	840	100.0	0.79	30.0	25.6	18.0	12.60	0.60	29.4	21.1	10.65	21.1	480V/3P.	3

- ① CEILING MOUNTED, HORIZONTAL TYPE WITH SOUND ATTENUATION/EXTRA-QUIET CONSTRUCTION PACKAGE.
- ② CEILING MOUNTED, HORIZONTAL TYPE, COOLING ONLY UNIT WITH WATER SOURCE PRE-HEAT COIL (HEATING CAPACITY SHOWN IS FOR THE PRE-HEAT COIL @ PRESS. DROP OF 20 KPa). COIL SHALL BE CONTROLLED WITH A 3-WAY, 2-POSITION CONTROL VALVE. UNIT SHALL BE PROVIDED WITH HOT GAS BY-PASS AND/OR HOT GAS REHEAT AS REQUIRED BY MANUFACTURER FOR PROPER UNIT OPERATION AT 100 PERCENT OUTSIDE AIR.
- ③ FLOOR MOUNTED, VERTICAL TYPE.