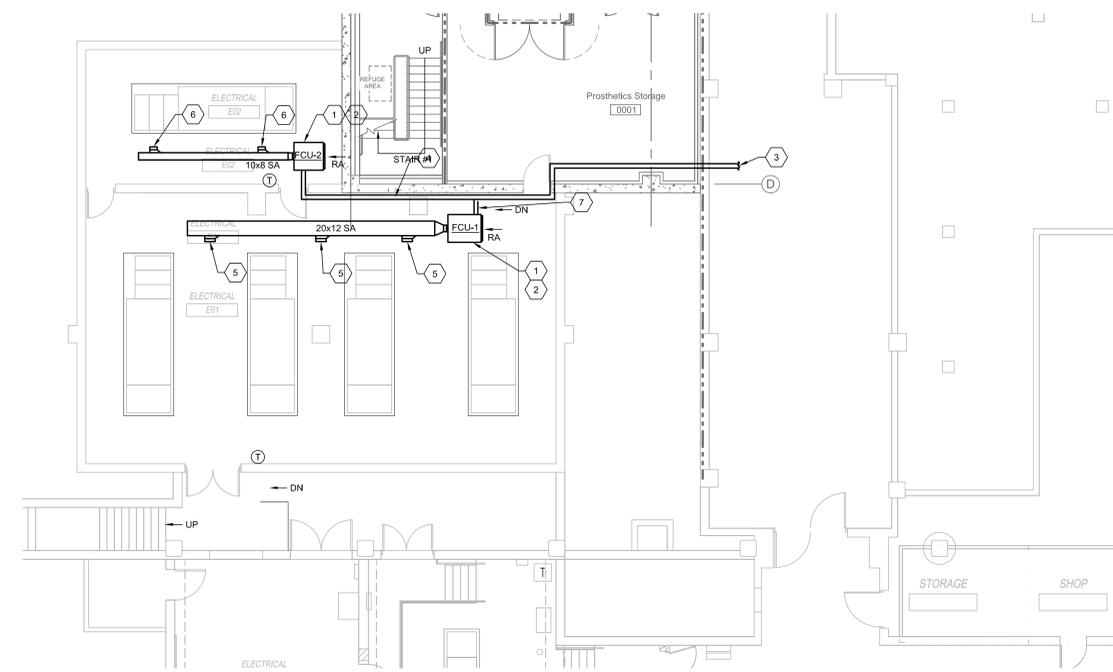
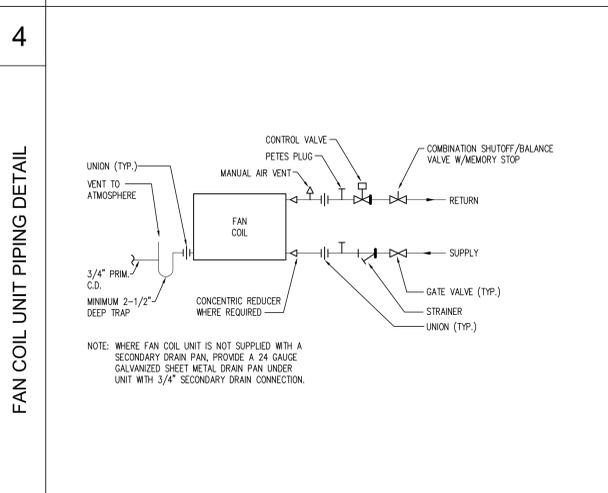
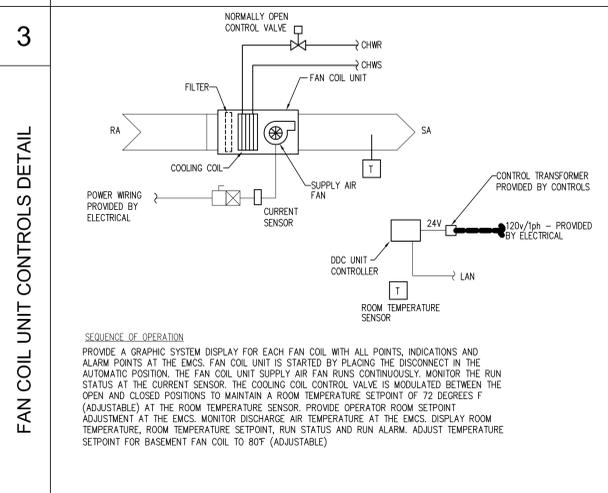
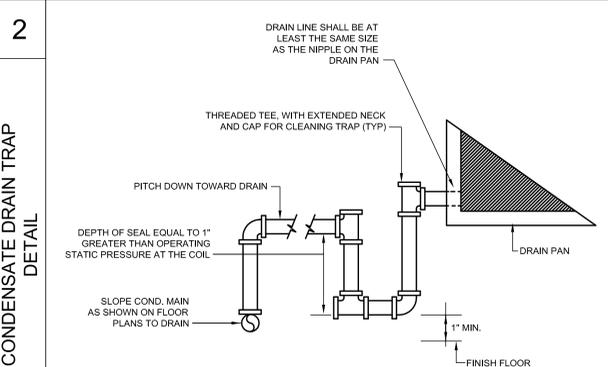
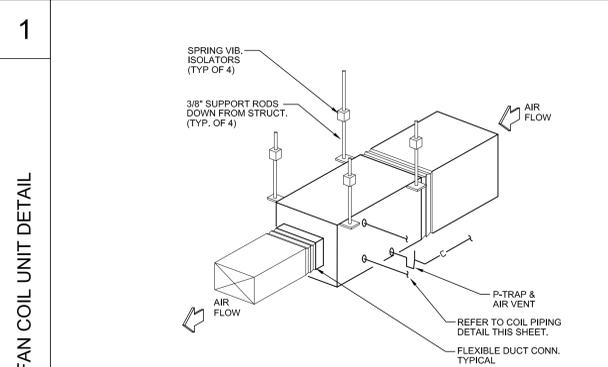


Key Notes (X) INDICATES KEY NOTE ON THIS SHEET.

- FAN COIL SHALL BE CONNECTED TO BMS.
- SEE PLUMBING DRAWINGS FOR CONDENSATE DRAIN ROUTING.
- 1-1/4" CHILLED WATER SUPPLY AND RETURN PIPING CONNECTED TO CHILLED WATER MAIN WITHIN 150 FT.
- 3/4" CHILLED WATER SUPPLY AND RETURN PIPING ROUTE PIPING TIGHT TO WALL TO FCU-2.
- 14x8 PRICE 520 DUCT MOUNTED FAN COIL TO 535 CFM.
- 10x4 PRICE 520 DUCT MOUNTED GRILLE BALANCE TO 300 CFM.
- 1" CHILLED WATER SUPPLY AND RETURN PIPING CONNECTED TO FCU-1.



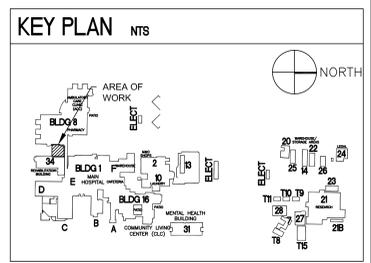
1 ENLARGED D-WING MECHANICAL PLAN  
1/8" = 1'-0"

FAN COIL UNIT SCHEDULE											
MARK	SERVICE	SUPPLY FAN		COILS		ELECTRICAL			MANUFACTURER	MODEL	REMARKS
		FLOW	ESP	COOLING	FILTER	VOLTAGE	PHASES	HP			
FCU-1	BASEMENT ELECTRICAL	1600 cfm	0.5 in-wg	CC-1	30%	460	3	1.5	GREENHECK	LFC-30-FC-15	1,2,3,4,5
FCU-2	BASEMENT ELECTRICAL	600 cfm	0.5 in-wg	CC-2	30%	460	3	1/2	GREENHECK	LFC-15-FC-4	1,2,3,4,5

NOTES:  
 1. SITE ELEVATION IS 1100 FT.  
 2. FAN MOTORS SHALL BE BELT DRIVE.  
 3. FURNISH UNIT WITH FACTORY-MOUNTED CONDENSATE OVERFLOW SWITCH.  
 4. PROVIDE FAN COIL WITH 2" FILTER RACK WITH 30% PLEATED FILTER.  
 5. APPROVED ALTERNATE MANUFACTURERS: TRANE, MCQUAY.

COOLING COIL SCHEDULE												
MARK	SERVICE	FLUID	CAPACITY		AIRSIDE			WATERSIDE			REMARKS	
			TOTAL	CFM	VELOCITY	EAT DB	EAT WB	LAT DB	GPM	EWI		LWT
CC-1	FCU-1	WATER	54.1 MBH	1600 CFM	500 FPM	80 °F	67 °F	55 °F	10.82	48 °F	58 °F	
CC-2	FCU-1	WATER	23.1 MBH	600 CFM	500 FPM	80 °F	67 °F	55 °F	4.62	48 °F	58 °F	

NOTES:  
 1. SITE ELEVATION IS 1100 FT.



CONSULTANT: Westlake Reed Leskosky One East Camelback Road Suite 690 Phoenix, Arizona 85012 www.WRLdesign.com		ARCHITECT/ENGINEERS: AES Group, Inc. 13001 SOUTH PINE BLVD. SUITE 4000 PARKER, COLORADO 80138 PH: 303.944.3000 WWW.AES-GRP.COM		Drawing Title ENLARGED D-WING MECHANICAL FLOOR PLAN Approved: Project Director		Project Title SITE ELECTRICAL DISTRIBUTION UPGRADE Location PHOENIX, AZ Date 03-06-2015		Project Number 644-13-015 / 644-14-003 Building Number 1.8, 16, 21, 31 Drawing Number MH-101 Dwg 22 of 49		Office of Construction and Facilities Management Department of Veterans Affairs	
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