

**HALE KAULIKE
EQUIPMENT LIST**

ITEM	TAG	QUANTITY	DESCRIPTION	AREA SERVED/LOCATION
CHILLERS				
1	CH-1, 2	2	Carrier model 19XR4242385CNH64, 460 ton hermetic centrifugal chiller, 460/3/60, with unit mounted variable speed drive, Cooler: 1100 gpm (Min/Max flow = 624.9/2499.6 gpm), Condenser: 1380 gpm (Min/Max flow = 681.1/2724.4 gpm)	Chiller Room
(Pony Chiller)	CH-3	1	Carrier model 30HK060 (Pony Chiller), 60 ton reciprocating chiller, 460/3/60, Cooler: 140.9gpm, Condenser: 176.4 gpm	Chiller Room
COOLING TOWERS				
2	CT-1,2	2	Marley Quadraflow model QF-23224, 40hp, 1800/900 rpm, 460/3/60, TEFC high efficiency motor, 1500gpm	Mechanical Yard
CHILLED WATER PUMPS & CONDENSER WATER PUMPS				
3	CHWP-1,2,3	3	Taco model TA1230, Horizontal split case pump, impeller diameter 11.3 in., 1100 gpm @ 120'	Chiller Room
	CWP-1,2,3	3	Taco model TA1230, Horizontal split case pump, impeller diameter 10.4 in., 1380 gpm @ 80'	Mechanical Yard
	CHWP-4,5	2	Taco model F12511, End suction pump, impeller diameter 10.7 in, 140 gpm @ 120', 10 hp,	Chiller Room
(Pony Chiller)	CWP-4,5	2	Taco model F12509, End suction pump, impeller diameter 9.0 in, 180 gpm @ 75' hd, 7.5 hp, 460/3/60 premium efficiency motor	Mechanical Yard
VFD (VARIABLE FREQUENCY DRIVES FOR CHILLED WATER PUMPS)				
4	VFD (CHWP-1,2,3)	3	Part No. VLT6000H62, Variable Speed Drive, 60Hp, 460/3/60	
	VFD (CHWP-4,5)	2	Part No. VLT6000H11, Variable Speed Drive, 10Hp, 460/3/60	
			All VFD's are provided with the following:	
			NEMA Type 1 Enclosure	
			3-Contactor Bypass Package	
			Main Input Disconnect Switch and Fuses	
			Common Start/Stop relay	
			Undervoltage Control Relay	
			DC Bus Link Reactor	
			EXPANSION TANK	
5	ET-1 (PS-1)	1	Taco model PS-060, 60 gallon plain steel expansion tank	Chiller Room Ceiling

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AIR HANDLER UNITS				
6	AHU-1-1,1-2, 2-1,2-2,3-1,3-2	6	Carrier model 39MN50 Central Station Air Handling Unit 100 gpm, 25 hp, 460/3/60	AHU 1-1(Chiller Room), AHU 1-2(Elevator 4), AHU 2-1,2-2(2ndflrMechRm), AHU 3-1,3-2(3rdflrMechRm)
	AHU-1-3	1	Carrier model 39MN60 Central Station Air Handling Unit 150 gpm, 40 hp, 460/3/60	Client Services(Outside)
	AHU-B-1	1	Carrier model 39MN10 Air Handling Unit 26.8 gpm, 3 hp, 460/3/60	Basement Mechanical Room next to Sally port
	AHU-B-2	1	Carrier model 30MN06 Air Handling Unit 18.0 gpm, 1.5 hp, 460/3/60	Basement Hallway Corridor(Janitorial Supplies)
	AHU-B-3	1	Carrier model 39MN06 Air Handling Unit 15.0 gpm, 2 hp, 460/3/60	Basement Hallway Corridor(Janitorial Supplies)
	AHU-B-4	1	Carrier model 39MN06 Air Handling Unit 22.5 gpm, 1.5 hp, 460/3/60	Basement Hallway Corridor(Interview Rooms)
	AHU-B-5	1	Carrier model 42BHC12, 7.5 gpm, 1.5 hp, 460/3/60	Basement Control Station (Closer to Juvenile Cells)
	AHU-B-6	1	Carrier model 42BHC16, 11.0 gpm, 0.75 hp, 460/3/60	Basement Control Station
	AHU IDF 1-1	1	Carrier model 42BHC30, 22.0 gpm, 1.5 hp, 460/3/60	Above hallway next to Jury Assembly Women's restroom
	AHU EB/V-1 (ELV B-1)	1	Carrier model 42BHC08, 3.8 gpm, 1/3 hp, 120/1/60	ELV B-1(Elevator1Rm)
	AHU EB/V-2 (ELV B-2)	1	Carrier model 42BHC08, 3.4 gpm, 0.5 hp, 120/1/60	ELV B-2(Elevator4Rm)
	AHU EB/V-3 (ELV B-3), AHU EB/V-4 (ELV B-4)	2	Carrier model 42BHC08, 3.8 gpm, 1/3 hp, 120/1/60	ELV B-3(Elevator 5Rm),ELV B-4(Elevator7Rm)
	AHU 1-4	1	Carrier model 42BHC12, 6.0 gpm, 0.5 hp, 120/1/60	Blind Vendor ceiling
	AHU EB/V-5		Carrier model 42BHC08BC3R60613BE987191101 120V	Sally Port Area
	AHU EB/V-6		Carrier model 42BHC12LC3R61210CE171531201 120V	Next to Elevator Machine Room 0088
OUTSIDE AIR COILS (NO MOTORS)				
	OA B-1	1	Carrier model 39MN10, 18.5 gpm	AHU B-1
	OA 1-1	1	Carrier model 39MN12, 20.9 gpm	AHU 1-1
	OA 1-2	1	Carrier model 39MN10, 18.5 gpm	AHU 1-2
	OA 1-3	1	Carrier model 39MN08, 16.2 gpm	AHU 1-3
	OA 2-1,2-2	2	Carrier model 39MN12, 20.9 gpm	AHU 2-1, AHU 2-2
	OA 3-1	1	Carrier model 39MN14, 19.0 gpm	AHU 3-1
	OA 3-2	1	Carrier model 39MN10, 18.5 gpm	AHU 3-2
FAN COIL UNITS				
7	FCU-IDF 1-2	1	Carrier model 42DCA08BLCY6AKYY Fan Coil Unit 1.2 gpm, 1/5, 120/1/60	IDF Room next to elevator 7 lobby on 1st floor
	IDF 1-3	1	Carrier model 42DCA08BLCY6AKYY Fan Coil Unit 1.2 gpm, 1/5, 120/1/60	IDF Room fronting Adult Probation UA testing
	IDF 2-1	1	Carrier model 42DCA08BLCY6AKYY Fan Coil Unit 1.2 gpm, 1/5, 120/1/60	IDF Room next to elevator 7 lobby on 2nd floor
	IDF 3-1	1	Carrier model 42DCA08BLCY6AKYY Fan Coil Unit 1.2 gpm, 1/5, 120/1/60	IDF Room next to elevator 7 lobby on 3rd floor
	IDF 3-2		Carrier model 42DCA08BLCY6AKYY Fan Coil Unit 1.2 gpm, 1/5, 120/1/60	IDF Room next to elevator 4 lobby on 3rd floor

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FAN COIL UNITS				
7	FCU SER B-1, 3-1	2	Carrier model 42DCA06ARCYAKYY Fan Coil Unit 1.5 gpm, 1/8, 120/1/60	Ceiling above Squad Room Hallway, 3rd flr Security Electronics room next to Jury Deliberation
	FCU SER 1-1, 2-1	2	Carrier model 42DCA06ALCY6AKYY Fan Coil Unit 1.5 gpm, 1/8, 120/1/60	Ceiling above Supply Room Hallway across Guardian Estate, 2nd flr ceiling Electronic room fronting stairway.
8	TU		Terminal Units	
			Mealiare series 500TH series single duct terminal units	
			Various sizes	
			6" nominal size: model 506TH	
			8" nominal size: model 508TH	
			10" nominal size: model 510TH	
			12" nominal size: model 512TH	
			14" nominal size: model 514TH	
			16" nominal size: model 516TH	
EXHAUST FANS				
9	EF-1	1	Cook 135CPV utility fan, 1500 cfm @ 2" sp, 1 hp, 460/3/60	Roof Top
	EF-2	1	Cook 165CPV utility fan, 3000 cfm @ 2" sp, 1 hp, 460/3/60	Roof Top
	EF-3	1	Cook 300CPV utility fan, 7890 cfm @ 2" sp, 5 hp, 460/3/60	Roof Top
	EF-4	1	Cook 210CPV utility fan, 4000 cfm @ 2" sp, 2 hp, 460/3/60	Roof Top
	EF-5	1	Cook 195CPV utility fan, 3335 cfm @ 2" sp, 2 hp, 460/3/60	Roof Top
10	EF B-1	1	Cook 245SQIB square in-line fan, 6000 cfm @ 1"sp, 2 hp, 460/3/60	AHU B-1
	EF B-2	1	Cook 300SQIB square in-line fan, 14000 cfm @ 1"sp, 7.5 hp, 460/3/60	Garage basement entry area close two parking stalls
	EF B-3	1	Cook 270SQIB square in-line fan, 10000 cfm @ 1"sp, 5 hp, 460/3/60	Garage basement corner end facing City & County buildings
	OPF/3-1	1	Cook 245SQIB square in-line fan, 7165 cfm @ 1"sp, 3 hp, 460/3/60	AHU 3-1
	EF 1-1	1	Cook 210SQIB square in-line fan, 4500 cfm @ 3/4"sp, 1.5 hp, 450/3/60	AHU 1-1 in chiller room wall facing garage ramp
	EF 1-2	1	Cook 165SQIB square in-line fan, 2000 cfm @ 3/4"sp, .75 hp, 460/3/60	AHU 1-1 in chiller room wall facing mechanical yard
CEILING EXHAUST FANS				
11	CEF 1-1	1	Cook GC-520 ceiling fan, 250 cfm @ .5" sp, 115/1/60	UA testing restroom next to Juvenile Probation
	CEF 1-2	1	Cook GC-640 ceiling fan, 300 cfm @ .5" sp, 115/1/60	UA testing restroom next to Drug Court
	CEF 2-1/3-1	4/4	Cook GC-320 ceiling fan, 100 cfm @ .25" sp, 115/1/60	Judges Chamber restrooms on 2nd & 3rd Floors