

DUCTLESS SPLIT SYSTEM AIR CONDITIONING EQUIPMENT SCHEDULE																	
SYMBOL / TAG	INDOOR UNIT [IU]			CONDENSING UNIT [CU]				MINIMUM AHRI EFFICIENCY [BTUH/W]	REFRIGERANT TYPE	COOLING CAPACITIES					WEIGHT INDOOR/OUTDOOR [LBS]	LOCATION / SERVICE	REMARKS
	TOTAL CFM	FLA	VOLT / PHASE	FLA	MCA	MOCP	VOLT / PHASE			ENT. AIR	AMBIENT	CAPACITY					
												DB	WB	DB	TMBH	SMBH	
AC-GH-1 / CU-GH-1	635	-	208 / 1	-	28.0	40.0	208 / 1	14.5 SEER	R-410A	80.0	67.0	95.0	30.0	21.0	40/150	GUARD HOUSE	1,2,3,4,5,6,7,8,9,10
AC-GH-2 / CU-GH-2	635	-	208 / 1	-	28.0	40.0	208 / 1	14.5 SEER	R-410A	80.0	67.0	95.0	30.0	21.0	40/150	SECONDARY GUARD HOUSE	1,2,3,4,5,6,7,8,9,10
AC-FP / CU-FP	1095	0.5	208 / 1	0.3	23.0	30.0	208 / 1	20.0 SEER	R-410A	80.0	67.0	95.0	34.0	24.0	41/148	BUILDING FIRE PUMP ROOM	1,2,3,4,5,6,7,8,9,10
AC-A / CU-A	400	-	208 / 1	-	11.0	28.0	208 / 1	20.0 SEER	R-410A	80.0	67.0	95.0	18.0	13.0	40/150	STAIRWELLS	1,2,3,4,5,6,7,8,9,10
AC-1 / CU-1	400	-	208 / 1	-	11.0	28.0	208 / 1	20.0 SEER	R-410A	80.0	67.0	95.0	15.0	11.5	40/150	UTILITY/ELECTRICAL RM	1,2,3,4,5,6,7,8,9,10
AC-2 / CU-2	400	-	208 / 1	-	11.0	28.0	208 / 1	20.0 SEER	R-410A	80.0	67.0	95.0	15.0	11.5	40/150	MAIN OFFICE IDF	1,2,3,4,5,6,7,8,9,10
AC-3 / CU-3	400	-	208 / 1	-	11.0	28.0	208 / 1	20.0 SEER	R-410A	80.0	67.0	95.0	15.0	11.5	40/150	3RD PARTY IDF	1,2,3,4,5,6,7,8,9,10
AC-4 / CU-4	400	-	208 / 1	-	11.0	28.0	208 / 1	20.0 SEER	R-410A	80.0	67.0	95.0	15.0	11.5	40/150	MAIN ELECTRICAL RM	1,2,3,4,5,6,7,8,9,10
AC-5 / CU-5	400	-	208 / 1	-	11.0	28.0	208 / 1	20.0 SEER	R-410A	80.0	67.0	95.0	15.0	11.5	40/150	MAIN ELECTRICAL RM	1,2,3,4,5,6,7,8,9,10
AC-6 / CU-6	400	-	208 / 1	-	11.0	28.0	208 / 1	20.0 SEER	R-410A	80.0	67.0	95.0	15.0	11.5	40/150	MAIN ELECTRICAL RM	1,2,3,4,5,6,7,8,9,10

- GENERAL NOTES:
- A. UNIT SHALL BE ETI/UL LISTED; UNIT NAMEPLATE SHALL BEAR THE AGENCY LABEL.
- B. PERFORMANCE SHALL BE RATED AND CERTIFIED PER AHRI. UNIT NAMEPLATE SHALL BEAR THE AHRI LABEL.
- C. 14 SEER MINIMUM COOLING AND 8.5 HSPF MIN HEATING EFFICIENCIES
- D. PROVIDE MANUFACTURER STARTUP AND REPORT
- E. BACnet MSTP CONTROLLER ONLY (BACnet IP NOT ALLOWED). REFERENCE SPECIFICATIONS SECTION 25 00 00 INTEGRATED AUTOMATION SYSTEMS (V.4.1)
- F. SELECTIONS BASED ON PRODUCTS BY LG. EQUAL MANUFACTURES BY CARRIER, MITSUBISHI, DIAKIN, TRANE

- ACCESSORIES/OPTIONS:
1. CRANKCASE HEATER, FAN DELAY RELAY KIT, HIGH / LOW PRESSURE SAFETY SWITCHES, ANTI-SHORT CYCLE TIMER
2. FIELD INSTALLED CONDENSATE PUMP WITH CHECK VALVE AND SAFETY SWITCH
3. LOW AMBIENT COOLING CAPACITY TO A MINIMUM OF 0 DEGREES F AMBIENT AND WIND BAFFLE
4. VARIABLE SPEED COMPRESSOR AND AIRFLOW CAPACITY
5. EVAPORATOR DEFROST CONTROL
6. WIRED WALL MOUNT UNIT CONTROLLER AND ACP IV BACNET GATEWAY FOR BMS INTERLOCK
7. INDOOR AC UNIT POWERED FROM OUTDOOR UNIT, OUTDOOR DISCONNECT PROVIDED BY DIV. 23, INSTALLED BY DIV. 26. PROVIDE INTERCONNECTING POWER WIRING FROM OUTDOOR UNIT TO INDOOR
8. OUTDOOR UNIT-DISCONNECT PROVIDED BY ELECTRICAL (COORDINATE WITH ELECTRICAL SUBCONTRACTOR)
9. REFRIGERANT FILTER DRIER (LOCATE PER MANUFACTURER'S RECOMMENDATION)
10. SAF-T-SWITCH INSTALLED IN SECONDARY CONDENSATE DRAIN FOR OVERFLOW PROTECTION

EXHAUST FAN EQUIPMENT SCHEDULE															
SYMBOLS / TAG	MANUFACTURER	MODEL #	AIRFLOW [CFM]	ESP [INWC]	RPM	DRIVE TYPE	FAN MOTOR			MAX SONES [IN]	WEIGHT [LBS]	SERVICE	BMS CONTROLLER	CONTROLS	REMARKS
							HP	WATTS	VOLT / PH						
EF - FP1	GREENHECK	SBE-3H24-7	7,000	0.30"	1107	BELT	1.0	-	208V / 3	28.0	125	FIRE PUMP ROOM	NO	C5	1,2,3,4,5
EF - GH	GREENHECK	SP-A190	120	0.25"	1128	DIRECT	-	23	120V/1	1.0	21	GUARD HOUSE - SINGLE TOILET RM	NO	C4	1,2,6
EF - A	GREENHECK	G-099-VG	300	0.35"	938	DIRECT-ECM	1/4	-	120 / 1	5.0	50	REMOTE RESTROOMS	NO	C4	1,2,7
EF - B	GREENHECK	SP-A190	120	0.25"	1128	DIRECT	-	23	120V/1	1.0	21	SINGLE TOILET RM	NO	C4	1,2,6
EF - C	GREENHECK	G-099-VG	450	0.25"	1006	DIRECT-ECM	1/4	-	120 / 1	5.7	46	REMOTE BREAKROOM RM	YES	-	1,2,7
EF - 1	GREENHECK	G-183-VG	3,000	0.75"	1018	DIRECT-ECM	2	-	120 / 1	12.5	101	MAIN RESTROOMS	YES	-	1,2,7
EF - 2	GREENHECK	G-133-VG	800	0.35"	875	DIRECT-ECM	1/4	-	120 / 1	6.1	60	EMPLOYEE LOCKER ROOM	YES	-	1,2,7
EF - 3	GREENHECK	G-143-VG	300	0.35"	938	DIRECT-ECM	1/4		120 / 1	5.0	50	RECRUITING AREA RESTROOMS	YES	-	1,2,7
EF - 4	GREENHECK	G-143-VG	1,200	0.50"	992	DIRECT-ECM	1/2	-	120 / 1	7.2	62	REMOTE BREAKROOM RM (APPENDAGE)	YES	-	1,2,7
EF - 5	GREENHECK	G-099-VG	500	0.25"	1006	DIRECT-ECM	1/4	-	120 / 1	5.7	46	REMOTE BREAKROOM RM (+ SINGLE RR)	YES	-	1,2,7
EF - 6	GREENHECK	SP-A200	200	0.25"	900	DIRECT-ECM	-	48	120 / 1	2.2	25	DEMARK RM	YES	C2	1,2,6

- GENERAL NOTES:
- A. FAN SHALL BE AMCA CERTIFIED FOR SOUND AND PERFORMANCE AND SHALL BE UL LISTED.
- B. SELECTIONS BASED ON GREENHECK. EQUAL MANUFACTURE BY COOK, PENN OR PRIOR APPROVED EQUALS

- ACCESSORIES/OPTIONS:
1. PROVIDE WITH FACTORY ELECTRICAL DISCONNECT MEANS
2. PROVIDE WITH INTEGRAL FAN SPEED CONTROLLER
3. PROVIDE WITH GRAVITY RELIEF SHUTTER
4. PROVIDE WITH WALL MOUNTING SLEEVE COMPLETE WITH OSHA GUARD
5. PROVIDE WITH FRONT GUARD
6. VIBRATION ISOLATION MOUNTING PACKAGE.
7. FACTORY ROOF CURB AND BACKDRAFT DAMPER
- CONTROL:
- C1. FAN SHALL OPERATE CONTINUOUSLY
- C2. FAN SHALL BE CONTROLLED BY 120V THERMOSTAT WITH MANUAL OVERRIDE CAPABILITIES. SEE FLOOR PLANS FOR TEMPERATURE SETPOINTS. (ELECTRICAL SHALL PROVIDE 120V POWER TO SENSOR)
- C3. FAN SHALL BE CONTROLLED BY WALL MOUNTED SWITCH (SEE ELECTRICAL DRAWINGS)
- C4. FAN SHALL BE CONTROLLED BY OCCUPANCY SENSOR (SEE ELECTRICAL DRAWINGS)
- C5. ADDITIONAL AUXILIARY CONTACTS TO FIRE PUMP CONTROLLER. EXHAUST FAN [EF-FP] SHALL ENERGIZE IF FIRE PUMP IS OPERATING.

ELECTRIC HEATER EQUIPMENT SCHEDULE													
SYMBOL / TAG	MANUFACTURER	MODEL #	APPLICATION	MOUNTING APPLICATION KIT	LOCATION / SERVICE	CAPACITY [KW]	FAN MOTOR			MAX SONES [NC]	COLOR/FINISH	WEIGHT [LBS]	REMARKS
							HP	CFM	VOLT / PH				
EUH - GH (GH-1,2)	RAYWALL	RCH	CEILING-MOUNTED HEATER	RECESSED	GUARD HOUSE	5.0	-	400	208 / 3	-	-	50	1,5
EUH - GH3	RAYWALL	RCH	CEILING-MOUNTED HEATER	RECESSED	GUARD HOUSE	3.0	-	400	208 / 3	-	-	50	1,5
EUH - GH (GH-4,5)	RAYWALL	RCH	CEILING-MOUNTED HEATER	RECESSED	SECONDARY GUARD HOUSE	3.0	-	400	208 / 3	-	-	50	1,5
EUH - FP1	RAYWALL	5100	SUSPENDED UNIT HEATER	SUSPENDED SUPPORTED	FIRE PUMP ROOM	5.0	-	-	460 / 3	-	-	50	1,2,3
EUH - A	RAYWALL	AFH	WALL-MOUNTED UNIT HEATER	WALL	EXTERIOR STAIRWELLS	3.0	-	250	208 / 1	-	-	50	1,4
ECH - A (A1-A4)	RAYWALL	RCH	CEILING-MOUNTED HEATER	RECESSED	REMOTE RESTROOMS	3.0	-	250	208 / 1	-	-	50	1,5

1. ELECTRICAL DISCONNECT SWITCH, AUTO-RESET THERMAL OVERLOAD, AND WALL-MOUNTED 24V THERMOSTAT
2. PROVIDE WITH FAN DELAY. EQUIPMENT WALL MOUNTING KIT, MOUNT SO THAT BOTTOM OF UNIT IS 8'-0" A.F.F.
3. PROVIDE FACTORY STANDALONE 24V THERMOSTAT SET AT 50 DEG F
4. PROVIDE FACTORY STANDALONE 24V THERMOSTAT SET AT 60 DEG F
5. PROVIDE FACTORY STANDALONE 24V THERMOSTAT SET AT 70 DEG F

APPROVAL STAMP:

HAMILTON

DEVELOPMENT

ONE MUSIC SQUARE SOUTH,  
SUITE 110  
NASHVILLE, TN 37203

SMC

ARCHITECTS

SM DESIGN & CONSULTING, PC  
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CONSULTING ENGINEERS

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harrington

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HARGIS

TELECOMMUNICATIONS CONSULTANTS  
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IN COORDINATION WITH DEVELOPERS  
CONSULTANT WORKING IN PARALLEL:

Pickering

Pickering Firm, Inc.  
Engineering  
Planning - Surveying

SITE CIVIL

PICKERING FIRM, INC.  
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SEAL

AMERICAN

REGISTERED

PROFESSIONAL

ENGINEER

NO. 19886

03.26.25

KCE JOB #24-240

END USER

amazon

PROJECT DESCRIPTION

AMAZON LIT3  
2026 IUX GENSM  
CROSS-DOCK WAREHOUSE FACILITY  
(RECEIPT & REDISTRIBUTION)

PROJECT LOCATION

Port of Little Rock

PORT OF LITTLE ROCK  
(INDUSTRIAL PARK)  
LITTLE ROCK, ARKANSAS 72206  
(UNINCORPORATED PARCELS) PULASKI COUNTY

SHEET TITLE

HVAC SCHEDULES

SHEET MANAGEMENT

PROJECT NO.:  
DATE ISSUED:  
DRAWN BY: VARIOUS  
REVIEWED BY: MK  
ISSUANCE / REVISION SCHEDULE  
# DATE DESCRIPTION  
02/20/2025 REVIEW SET (100% PERMIT)  
03/20/2025 100% CD - FOR PERMIT

SHEET NUMBER

M-302

C:\Users\Chandana\Documents\2025\17-MAR25\22-22405-LAR\_0001.mxd | Project: 22-22405-LAR\_0001 | Date: 03/26/2025 | 11:00 AM | Scale: 1/8"=1'-0" | Sheet: M-302 | Title: HVAC SCHEDULES