

DRAWING LIST:
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M-2 LOWER LEVEL FLOOR PLAN
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SCOPE OF WORK:
THE FOLLOWING ITEMS DESCRIBED ARE IN COMPLIANCE WITH THE 2020 NYSECCC, 2020 IBC AND THE 2020 IMC.
IT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO OBTAIN ALL FILINGS, APPROVALS, PERMITS AND SIGNOFFS FOR THIS PROJECT.

THE MECHANICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL OF THE FOLLOWING AND ALL SYSTEMS WITHIN THE DRAWINGS AND SPECIFICATIONS:

- PROVIDE A KITCHEN EXHAUST HOOD W/ FIRE SUPPRESSION, EXHAUST FAN AND MAKEUP AIR UNIT.
- PROVIDE A SPLIT SYSTEM COMPOSED OF (1) HEATPUMP AND (1) FAN COIL.
- UNIT HEATERS AND ALL ASSOCIATED INTAKE AND VENTING, CONTROLS AND CONTROL WIRING.
- INSTALL ALL EQUIPMENT ALONG WITH ALL SPECIFIED OPTIONS AND ACCESSORIES, REFRIGERANT PIPING, PIPING INSULATION, CONDENSATE PIPING, DUCTWORK, DUCT INSULATION, DUCT SUPPORTS, HANGERS, DIFFUSERS, GRILLES, DAMPERS, PENETRATIONS, ACCESS DOORS, CONTROL WIRING AND CONTROLS FOR ALL MECHANICAL SYSTEMS.

ENERGY COMPLIANCE PATH: 2020 NYSECCC PRESCRIPTIVE PATH
ADDITIONAL EFFICIENCY PACKAGE: REDUCED LIGHTING POWER (C406.3) - SEE ELECTRICAL PLANS FOR COMPLIANCE

APPROVALS: UL			EXHAUST FAN SCHEDULE											
TAG	SERVICE	TYPE	FAN DATA							DAMPER SIZE	ROOF OPENING	WEIGHT	GREENHECK MODEL NO	NOTES
			CFM	S.P.	AMPS	VOLT	PH	H.P.	RPM					
EF-1	MENS RESTROOM	CLG	75	0.3	0.1	115	1	-	884	6"Ø	-	12	SP-80-VG	-
EF-2	WOMENS RESTROOM	CLG	75	0.3	0.1	115	1	-	884	6"Ø	-	12	SP-80-VG	-

PROVIDE: ROOF CURBS, FLASHING, MOUNTING, HANGING/SPRING VIBRATION ISOLATION, FLEXIBLE CONNECTORS, BACKDRAFT DAMPERS, DISCONNECTS,

APPROVALS: UL LISTED UNIT HEATER SCHEDULE (ELECTRIC)												
MARK	MANUFACTURER TYPE & MODEL	COILS	WATTS	ENTERING AIR (°F)	BTU/HR.	ELECTRICAL DATA					REMARKS	LOCATION(S)
						CFM	HP	VOLTS	PHASE	AMPS		
EUH-1	QMARK CWH3180F	1	1,800	40	6,138	100	-	120	1	15.0	-	STORAGE RM.
EUH-2	QMARK CWH101DSAFF	1	1,000	40	3,413	65	-	120	1	8.4	-	BATH RM.
EUH-3	QMARK CWH101DSAFF	1	1,000	40	3,413	65	-	120	1	8.4	-	BATH RM.

PROVIDE: DISCONNECT, WALL MOUNT

UNIT HEATER SCHEDULE (GAS FIRED)												
MARK	MANUFACTURER TYPE & MODEL	HEATING / BTU		TEMP. RISE	F.L.A.	MOTOR DATA					WEIGHT	LOCATION(S)
		INPUT	OUTPUT			CFM	HP	VOLTS	PHASE	AMPS		
UH-1	MODINE HDS-30	30,000	24,600	44*	3.75	505	1/15	120	1	3.8	55	STORAGE
UH-2	MODINE HDS-30	30,000	24,600	44*	3.75	505	1/15	120	1	3.8	55	TRAINING AREA

1. PROVIDE AND INSTALL WALL MOUNTED LOW VOLTAGE THERMOSTAT WITH SUB-BASE.
2. PROVIDE AND INSTALL INTAKE AND EXHAUST PIPING, CONCENTRIC ROOF TERMINATION KIT WITH FLASHING.
3. PROVIDE LOCKING THERMOSTAT GUARD.
4. PROVIDE 24V TRANSFORMER.

APPROVALS: ARI 210/240, ETL, UL LISTED.						HEATPUMP UNIT SCHEDULE									(HEAT OR COOL)	
DESIGNATION	RATING (TONS)	NO. OF MODULES	REFRIG CHARGE	COOLING CAPACITY (BTU's)	HEATING CAPACITY (BTU's)	POWER SUPPLY				MAKE	MODEL	SEER/HSPF	LOCATION	SERVICE		
						VOLTAGE	PHASE	MCA	MOCp							
HP-1	2	1	R-410A	24,000	28,000	208/230	1	17	30	mitsubishi	PUZ-HA24NHAI	19.5/10.6	GROUND	FC-1		

INCLUDE: EQUIPMENT RAILS, REFRIGERANT LINE SETS, INSULATION, DISCONNECT, FUSES, WHIP, REMOTE MOUNTED THERMOSTAT.

LISTINGS: ETL, ISO 9001 FAN COIL SCHEDULE													
DESIGNATION	POWER SUPPLY				TONS	COOLING MBH	HEATING MBH	CFM	HP	MAKE	MODEL	LOCATION	WEIGHT
	VOLTAGE	PHASE	MCA	MAX FUSE									
FC-1	208	1	.36	OUTDOOR	2	24.0	24.0	700	-	mitsubishi	PKA-A24KA7	KITCHEN	46 LBS.

NOTES: PROVIDE DISCONNECT SWITCH, FILTERS, CONDENSATE DRAIN PIPING, REFRIG. PIPING & INSULATION, 7 DAY PROGRAMMABLE THERMOSTAT, CONTROLS, CONTROL WIRING, CONDENSATE PUMP.

INFRA RED HEATER SCHEDULE (GAS FIRED)

MARK	MANUFACTURER TYPE & MODEL	HEATING / BTU		SUPPLY PRESS.	F.L.A.	MOTOR DATA				LENGTH	LOCATION(S)
		INPUT	OUTPUT			CFM	HP	VOLTS	PHASE		
IRH-1	SPACE-RAY LTS-40	50,000	-	5"-14" W.C.	2.6	-	-	115	1	2.6	SEATING
IRH-2	SPACE-RAY LTS-40	50,000	-	5"-14" W.C.	2.6	-	-	115	1	2.6	SEATING

1. PROVIDE AND INSTALL WALL MOUNTED THERMOSTAT WITH SUB-BASE.
2. PROVIDE AND INSTALL EXHAUST PIPING, ROOF TERMINATION WITH FLASHING.
3. PROVIDE LOCKING THERMOSTAT GUARD.

CEILING CIRCULATING FAN SCHEDULE

DESIGNATION	MAKE	MODEL	POWER SUPPLY			MOCp	H.P.	RPM	#AIRFOILS	WEIGHT	LISTINGS
			VOLTAGE	PHASE	WATTS						
VF-1	HAMPTON BAYS	CABANA	120	1	500	15	-	242	5	12 LBS.	UL
VF-2	HAMPTON BAYS	CABANA	120	1	500	15	-	242	5	12 LBS.	UL
VF-3	HAMPTON BAYS	CABANA	120	1	500	15	-	242	5	12 LBS.	UL

PROVIDE: COLUMN MOUNTED CONTROL, VANDAL PROOF COVER.

DATE: 7.18.22
ISSUE: FOR BID

SEAL:

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MECHANICAL
EQUIPMENT SCHEDULES

PROJECT #: 21-08

DRAWN BY:

CAD FILE: 21-08/P:/BID

DRAWING#:

M-1