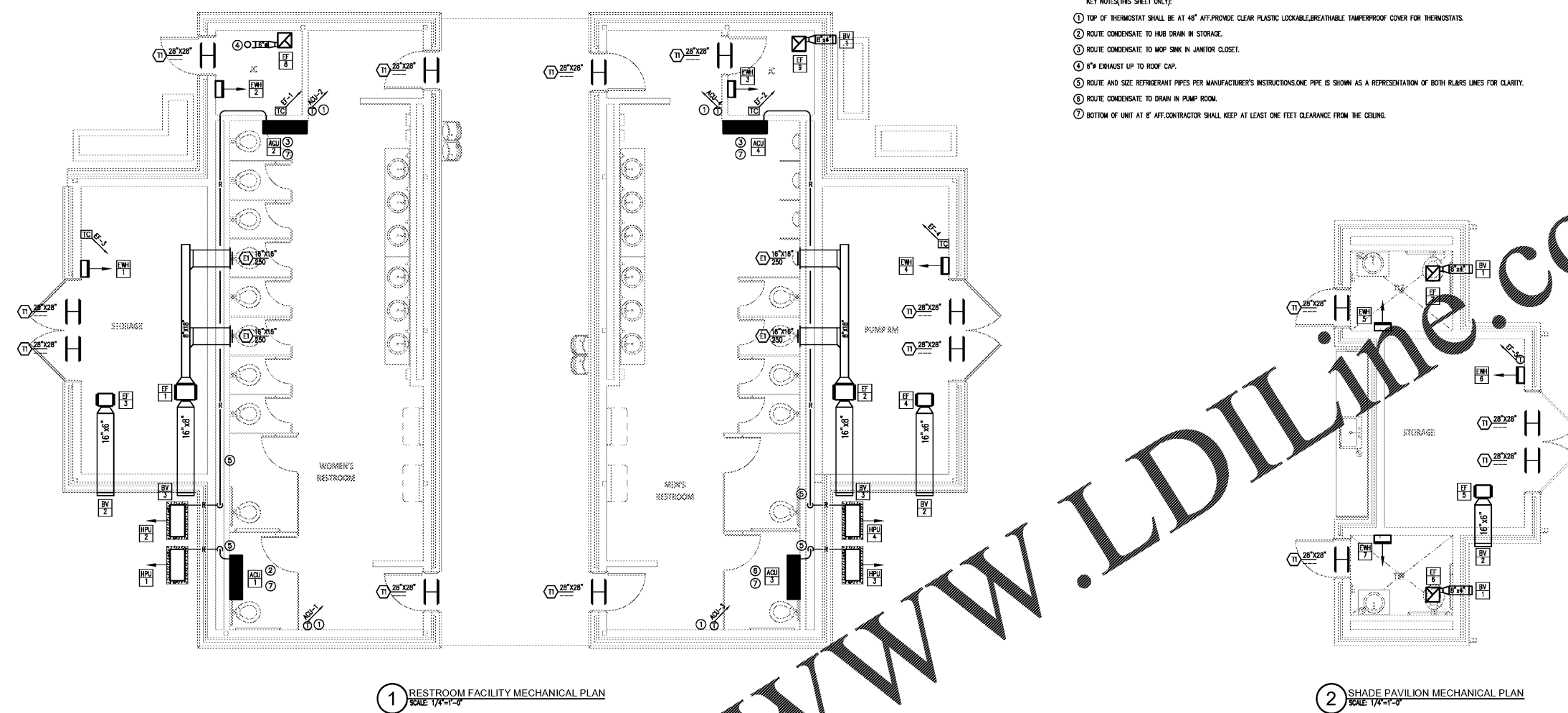




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CENTER PARK RESTROOMS  
FACILITIES AND SHADE  
PAVILION



- KEY NOTES (THIS SHEET ONLY):
- TOP OF THERMOSTAT SHALL BE AT 48" AFF. PROVIDE CLEAR PLASTIC LOCKABLE, BREATHABLE TAMPERPROOF COVER FOR THERMOSTATS.
  - ROUTE CONDENSATE TO HUB DRAIN IN STORAGE.
  - ROUTE CONDENSATE TO MOP SINK IN JANITOR CLOSET.
  - 6" EXHAUST UP TO ROOF CAP.
  - ROUTE AND SIZE REFRIGERANT PIPES PER MANUFACTURER'S INSTRUCTIONS. ONE PIPE IS SHOWN AS A REPRESENTATION OF BOTH REFRIGERANT LINES FOR CLARITY.
  - ROUTE CONDENSATE TO DRAIN IN PUMP ROOM.
  - BOTTOM OF UNIT AT 8" AFF. CONTRACTOR SHALL KEEP AT LEAST ONE FEET CLEARANCE FROM THE CEILING.

1 RESTROOM FACILITY MECHANICAL PLAN  
SCALE: 1/4"=1'-0"

2 SHADE PAVILION MECHANICAL PLAN  
SCALE: 1/4"=1'-0"

MECHANICAL SYMBOLS & ABBREVIATIONS LEGEND	
	NEW PIPE, DUCTWORK OR EQUIPMENT
	DUCT SIZE: FIRST DIMENSION IS SIDE DRAWN
	FLEXIBLE ROUND DUCTWORK
	FIRE DAMPER, SMOKE DAMPER, SMOKE DETECTOR
	CEILING SUPPLY DIFFUSER
	FIRE RETURN OR EXHAUST AIR
	S.A. DUCT OUT OF TU BOX WITH DUCT LINER FOR THE FIRST FIVE FEET OF DUCT OUT OF TU BOX
	SIDEWALL REGISTER OR GRILLE
	CHANGE IN PIPE OR DUCT SIZE OR SHAPE
	REFRIGERANT PIPING
	CONDENSATE OR OTHER DRAIN PIPING
	ELBOW TURNED DOWN OR TURNED UP IN PIPING
	THERMOSTAT, ARROW SHOWS CONTROL WIRING PATH
	TIME CLOCK
	DIAMETER
	UNDER-CUT DOOR 3/4", UNLESS OTHER SIZE NOTED
	INDICATES EQUIPMENT ON PLANS, TOP ITEM SHOWS TYPE OF EQUIPMENT AND BOTTOM ITEM SHOWS SPECIFIC MARK NUMBER
	ITEM IN HEXAGON SHOWS AIR DEVICE MARK NUMBER, ITEM ABOVE LINE SHOWS NECK SIZE, ITEM BELOW LINE SHOWS AIR FLOW THROUGH DEVICE, AND NUMBER IN FRONT SHOWS QUANTITY IF MORE THAN ONE
	ABOVE FINISHED FLOOR
	AIR HANDLING UNIT
	BYPASS DAMPER
	BRITISH THERMAL UNITS, THOUSAND BRITISH THERMAL UNITS
	CAPACITY
	CUBIC FEET PER MINUTE
	CEILING
	CONDENSING UNIT
	DRY BULB TEMPERATURE, WET BULB TEMPERATURE
	EXHAUST AIR, EXHAUST GRILLE
	EXHAUST FAN
	EXTERNAL STATIC PRESSURE (USUALLY EXPRESSED IN INCHES OF WATER IN GAGE)
	HEAT PUMP UNIT
	HANDLING VOLUME DAMPER
	OUTSIDE AIR
	RETURN AIR, RETURN GRILLE
	PACKAGED ROOFTOP UNIT
	SUPPLY AIR
	SUPPLY FAN FOR SHOP VENTILATION
	VOLTS ALTERNATING CURRENT, NUMBER OF PHASES
	WATTS, KILOWATTS
	UNIT HEATER
	ALARM/VISUAL ALARM DEVICE CONNECTED TO DUCT SMOKE DETECTOR
	ACCESS DOOR
	CONTROL DAMPER-OPPOSED BLADE
	CONTROL DAMPER-PARALLEL BLADE
	BACKDRAFT DAMPER
	RADIUS ELBOW (R=1.5)
	VANED ELBOW
	MANUAL VOLUME DAMPER (MVD), MOTOR OPERATED DAMPER (MOD)
	X INDICATES SECTION NUMBER/OX INDICATES ON WHICH DRAWING SECTION APPEARS

FAN SCHEDULE									
MARK	CFM	EXT. SP	DRIVE TYPE	MOTOR WATTS/HP	MAX FAN RPM	MAX TP SPEED FPM	POWER/PHASE	BASIS OF DESIGN	NOTES
EF-1	500	0.35	DIRECT	160 W	1275	---	115/1	GREENNECK CSP-A510-V6	1-2,3,4,5
EF-2	500	0.35	DIRECT	160 W	1275	---	115/1	GREENNECK CSP-A510-V6	1-2,3,4,5
EF-3	250	0.25	DIRECT	83 W	1000	---	115/1	GREENNECK SP-A250	1-2,3,4,5
EF-4	250	0.25	DIRECT	83 W	1000	---	115/1	GREENNECK SP-A250	1-2,3,4,5
EF-5	250	0.25	DIRECT	83 W	1000	---	115/1	GREENNECK SP-A250	1-2,3,4,5
EF-6	70	0.25	DIRECT	20 W	690	---	115/1	GREENNECK SP-200	1-2,3,4
EF-7	70	0.25	DIRECT	20 W	690	---	115/1	GREENNECK SP-200	1-2,3,4
EF-8	70	0.25	DIRECT	20 W	690	---	115/1	GREENNECK SP-200	1-2,3,4
EF-9	70	0.25	DIRECT	20 W	690	---	115/1	GREENNECK SP-200	1-2,3,4

FAN DEVICE SCHEDULE							
MARK	SERVICE	NECK SIZE	FACE SIZE	MATERIAL	TYPE	PATTERN	NOTES
EF-1	TRANSFER	SEE PLANS	24" X 24"	ALUMINUM	FIXED BLADE	---	1
EF-1	EXHAUST	SEE PLANS	NECK 11-3/4"	ALUMINUM	FULL LOUVERED FACE	---	2,3

ELECTRIC CABINET HEATER SCHEDULE			
MARK	HEATER KW	VOLTS/PH	NOTES
EWH-1	4.0	208/1	Q-MARK, AMH440B
EWH-2	1.8	120/1	Q-MARK, AMH318D
EWH-3	1.8	120/1	Q-MARK, AMH318D
EWH-4	4.0	208/1	Q-MARK, AMH440B
EWH-5	3.0	208/1	Q-MARK, AMH440A
EWH-6	4.0	208/1	Q-MARK, AMH440B
EWH-7	3.0	208/1	Q-MARK, AMH440A

MINI SPLIT & HEAT PUMP FAN COIL SYSTEM SCHEDULE									
OUTDOOR UNIT MARK	INDOOR UNIT MARK	MIN COOLING MBH	MIN HEATING MBH	SUPPLY AIR CFM	POWER VAC/PH	CARRIER MODEL #	OUTDOOR	INDOOR	NOTES
HPU-1	ACU-1	17.5	18.0	680	208/1	35MA0218-3	35MA0218-3	35MA0218-3	1-2,3,4,5
HPU-2	ACU-2	17.5	18.0	680	208/1	35MA0218-3	35MA0218-3	35MA0218-3	1-2,3,4,5
HPU-3	ACU-3	17.5	18.0	680	208/1	35MA0218-3	35MA0218-3	35MA0218-3	1-2,3,4,5
HPU-4	ACU-4	17.5	18.0	680	208/1	35MA0218-3	35MA0218-3	35MA0218-3	1-2,3,4,5

SELF-CLEANING IONIZATION SYSTEM SCHEDULE		
AIRFLOW CAPACITY MIN-MAX CFM	GLOBAL PLASMA SOLUTIONS	NOTES
0-1200	GPS-FC	1-2,3

BRICK VENT SCHEDULE					
MARK	CFM	SIZE W X H (INCHES)	MIN. FREE AREA (SQ. IN.)	FINISH (COLOR BY ARCHITECT)	NOTES
BV-1	70	8.125" X 4.75"	15.05	ENAMEL	GREENNECK BVF
BV-2	250	16.5" X 7.75"	49.87	ENAMEL	GREENNECK BVF
BV-3	500	16.5" X 7.75"	49.87	ENAMEL	GREENNECK BVF

REVISIONS	
#	DATE DESCRIPTION

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Date: 11/04/19

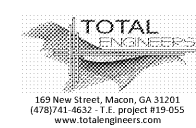
Drawn By: KMP/JWK

Checked By: KMP

Project Number: 2018-077

Drawing Name: RESTROOM FACILITY & SHADE PAVILION MECHANICAL PLAN & SCHEDULES

Drawing Number: M0-2



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