

UNIT 1 Mechanical Schedule Table. Columns include Compressor Description, M.C.A., M.O.C.P., Defrost Heater, Electrical Data (Full Load Amps, Head Cooling Fan, Condenser Fans, Evaporator Fans, Manufacturer and Model, Full Load Amps 200V, T.D., Fan Control), System Number, System Description, Refrigerated Fixture Manufacturer, Refrigerated Fixture Model, MBH Required, Evap./Section Temp (F), Expansion Valve, Evap. Fan Motors, Temp. T-Stat, Defrost Type, Defrost Termination, Defrost Termination Temp (F), Defrost Duration (Minutes), Defrost Group, Defrost Per Day, C.C.B. MFG. or Temp. Control Valve Size, Defrost Amps 200V, Case Light Amps 120V, Case Electrical Data (Evaporator Fan Amps 120V, Anti. Cond. Heater Amps 120V, Misc. Amps Rating/Freq), Refrigerant, Equiv. Length of Run, Section Line Size, Suction Riser Line Size, and Liquid Line Size. Remarks include Defrost Termination Temp is set in the field for all walk-in boxes and varies based on site specific conditions.

UNIT 2 Mechanical Schedule Table. Columns include Compressor Description, M.C.A., M.O.C.P., Defrost Heater, Electrical Data (Full Load Amps, Head Cooling Fan, Condenser Fans, Evaporator Fans, Manufacturer and Model, Full Load Amps 200V, T.D., Fan Control), System Number, System Description, Refrigerated Fixture Manufacturer, Refrigerated Fixture Model, MBH Required, Evap./Section Temp (F), Expansion Valve, Evap. Fan Motors, Temp. T-Stat, Defrost Type, Defrost Termination, Defrost Termination Temp (F), Defrost Duration (Minutes), Defrost Group, Defrost Per Day, C.C.B. MFG. or Temp. Control Valve Size, Defrost Amps 200V, Case Light Amps 120V, Case Electrical Data (Evaporator Fan Amps 120V, Anti. Cond. Heater Amps 120V, Misc. Amps Rating/Freq), Refrigerant, Equiv. Length of Run, Section Line Size, Suction Riser Line Size, and Liquid Line Size. Remarks include Defrost Termination Temp is set in the field for all walk-in boxes and varies based on site specific conditions.

Condenser Schedule Table. Columns include Condenser Tag, Condenser Design (Rank Number, Temperature, TD (F)), Condenser Manufacturer & Model Number, Condenser Electrical (Volts, Phase, Quantity, HP, Total Amps), Condenser Dimension (L x W x H), and Approximate Net Weight (Pounds).

Design Conditions Table. Columns include Electrical Service (208 V, 3 PH, 60Hz), Outside Design (Use 100°F db Dry Bulb: 101°F, Wet Bulb: 64°F, Winter: 15°F), Inside Design (Dry Bulb: 75°F, Wet Bulb: 64°F, Relative Humidity: 55%), and Elevation (Store Elevation: 228' Correction Factor: N/A (For Air Cooled Condensers)).

NOTES: RT = Rooftop; * = Piping adapter required for suction stub; o = Diamond shown in pipe size schedule indicated a system where the suction riser is two sizes smaller than the horizontal suction line; CCB = Case Control Board; All evaporator coils and TXVs are selected and supplied by Publix; Defrost Termination Temperature for Walk-In Boxes is set in the field by R/C and varies based on site specific conditions.

AHR Pump Schedule Table. Columns include Manufacturer, Model, GPM, Head Height, Impeller Size, Expansion Tank Size, RPM, HP, BHP, V / Hz / P, MCA, and Notes (Amperage draw is accounted for in the MCA value of Rack 2. Pump is Powered by Rack 2).

Heat Reclaim Tank(s) (Hot Fluid) Table. Columns include Quantity, Model Number, Heater, and Rack.



CORPORATE OFFICES, FACILITIES DESIGN
3000 FARMER CONSTRUCTION DRIVE
LAKELAND, FL 32811-2111

PUBlix FACILITIES DESIGN DEPARTMENT
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THE DESIGN INSTITUTE HAS BEEN CONSULTED
TO REVIEW THESE SCHEDULES FOR TECHNICAL
CONSISTENCY AND TO BE A PART OF THE PROJECT'S
PERMANENT RECORD DRAWINGS.

PLOT DATE:
25 AUG 2017

REVISION DATA:
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1637
PUBLIX @ LAKE CROSSING
PLATT SPRINGS RD & HWY 6
LEXINGTON, KENTON, SC

45.9.2
08/11/2017
SIENNA-LITE

DX REFRIGERATION
SCHEDULES

R-2.2

