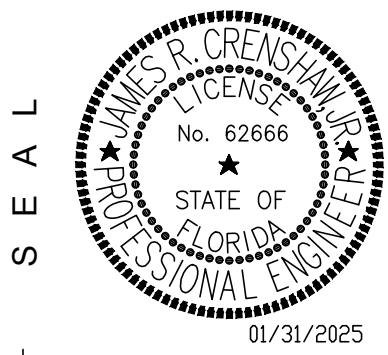




THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY JAMES
R. CRENSHAW, JR. ON THE DATE
ADJACENT TO THE SEAL.

NEW SELF STORAGE FACILITY

RIVERSTONE CLARK

5864 Derek Ave, Sarasota, FL 34238

ARCH L. TRULOCK, ARCHITECT

- ① VERIFY ALL CEILING OR WALL TYPES WITH ARCHITECTURAL PLANS. COORDINATE COLOR WITH ARCHITECT INSULATE ALL DIFFUSERS AND GRILLES FROM CEILING SPACE.
- ② PROVIDE SQUARE-TO-ROUND TRANSITION AS REQUIRED.
- ③ PROVIDE SURFACE MOUNT FRAME.
- ④ PROVIDE INTEGRAL OPPOSED BLADE DAMPER.

- ① FINAL COLOR SECTION SHALL BE MADE BY ARCHITECT AT TIME OF SHOP DRAWING APPROVAL.
- ② LOUVER SHALL BE EXTRUDED ALUMINUM, MIAMI-DADE WIND RATED, FLORIDA BUILDING CODE APPROVED, AMCA 550 LISTED. PROVIDE LOUVER WITH FLANGED FRAME AND BIRDSCREEN.
- ③ PROVIDE BAROMETRIC DAMPER WITH COUNTERBALANCE.

- ① HEATING CAPACITY BASED ON INDOOR ENTERING AIR CONDITION OF 80° DRY BULB, 67° F WET BULB AND OUTDOOR AIR CONDITION OF 95° F DRY BULB. COOLING CAPACITY BASED ON INDOOR ENTERING AIR CONDITION OF 70° DRY BULB AND OUTDOOR AIR CONDITION OF 47° F DRY BULB.
- ② STANDARD UNIT FEATURES SHALL INCLUDE FILTER DRIER, FRONT SEATING SERVICE VALVES, INTERNAL PRESSURE RELIEF VALVE, INTERNAL THERMAL OVERLOAD, SUCTION LINE ACCUMULATOR, HIGH PRESSURE SWITCH AND LOSS OF CHARGE SWITCH.
- ③ ACCESSORY UNIT FEATURES SHALL INCLUDE: COMPRESSOR START ASSIST, CRANKCASE HEATER, THERMOSTATIC EXPANSION VALVE AND TIME DELAY RELAY.
- ④ PROVIDE ALL ACCESSORIES REQUIRED FOR LOW AMBIENT COOLING OPERATION.
- ⑤ PROVIDE UNIT WITH ALL ACCESSORIES REQUIRED FOR LONG REFRIGERANT LINE APPLICATION INCLUDING LIQUID-LINE SOLENOID VALVE. REFRIGERANT LINES SHALL BE SIZED AND APPROVED BY THE EQUIPMENT MANUFACTURER FOR "LONG LINE" APPLICATION. LINES SHALL BE SIZED SO THAT MAXIMUM CAPACITY LOSS DUE TO LINE LENGTH IS 3%.
- ⑥ PROVIDE COIL WITH SEA COAST COATING FOR CORROSION RESISTANCE.

- ① PROVIDE UNIT WITH FILTER, DISCONNECT SWITCH, SINGLE POINT CONNECTION, 120V PLENUM RATED CONDENSATE PUMP, AUXILIARY DRAIN PAN AND FLOAT SWITCH.
- ② PROVIDE UNIT WITH MANUFACTURER 7-DAY PROGRAMMABLE SMART THERMOSTAT, HONEYWELL MODEL T9, WITH AUTOMATIC CHANGEOVER, HEATING SETBACK, AUTO RESTART AND HUMIDITY SENSOR.
- ③ SYSTEM DESIGN AIRFLOW CAPACITY IS NOT GREATER THAN 2000 CFM. NO SUPPLY AIR SMOKE DETECTOR REQUIRED PER SECTION 606.2.1 OF THE 2023 FLORIDA MECHANICAL CODE.
- ④ PROVIDE WITH FIELD INSTALLED INTERNAL STEP DOWN TRANSFORMER TO POWER FAN.

- ① PROVIDE FAN WITH BACKDRAFT DAMPER AND HANGING ISOLATOR KIT. SUPPORT FAN FROM STRUCTURE.
- ② FAN TO BE CONTROLLED BY WALL SWITCH PROVIDED BY ELECTRICAL CONTRACTOR.
- ③ FAN TO BE CONTROLLED BY LINE VOLTAGE THERMOSTAT.

- ① PROVIDE DEHUMIDIFIER WITH FACTORY INSTALLED BACKDRAFT DAMPER, MERV 8 WASHABLE FILTER, AUXILIARY DRAIN PAN WITH FLOAT SWITCH, E-COATED COIL, PLUG IN POWER CORD, AND 1/2" CABINET INSULATION.
- ② PROVIDE DEHUMIDIFIER WITH INTERNAL DEHUMIDIFICATION CONTROLLER. IF THE RELATIVE HUMIDITY OF THE SPACE RISES ABOVE THE SETPOINT (50% ADJUSTABLE), THE DEHUMIDIFIER SHALL ENGAGE COMPRESSOR & FAN. ONCE THE RELATIVE HUMIDITY DROPS 3% BELOW SETPOINT, THE DEHUMIDIFIER SHALL DISENGAGE.

- ① HEATER SHALL BE PROVIDED WITH TAMPERPROOF GRILLE, BUILT-IN ADJUSTABLE THERMOSTAT (SET FOR 65°F), THERMAL OVERHEAT PROTECTION AND BUILT-IN DISCONNECT.
- ② PROVIDE SURFACE MOUNTING BOX.