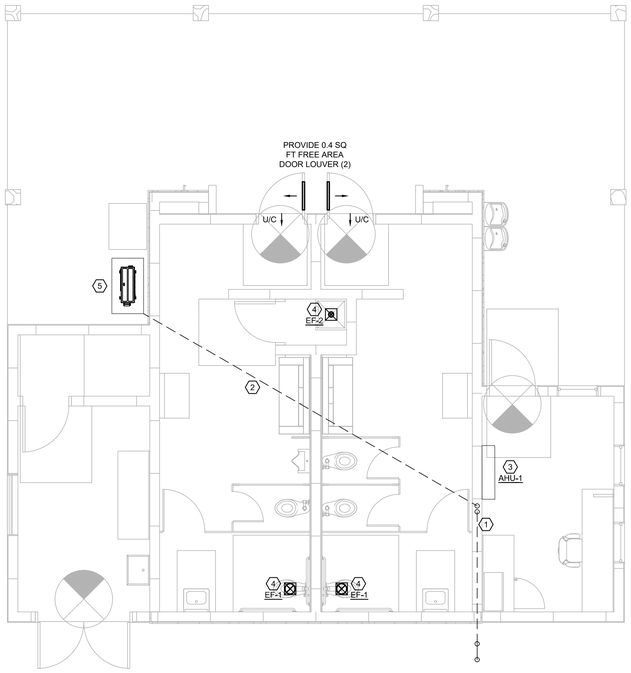

MECHANICAL FLOOR PLANS

SCALE: 1/4"=1'-0" 0 2' 4' 8'

PLAN KEY NOTES: (#)

1. PROVIDE 1" DIA. CONDENSATE DRAIN LINE. ROUTE FROM AHU, BELOW GRADE, BEYOND EXTERIOR WALL AND INTO THE LANDSCAPE AREA. USE TURNED DOWN ELBOW. TERMINATE ELBOW MIN. 6" ABOVE EXTERIOR GRADE. TERMINATE AT LEAST 1FT FROM EXTERIOR WALL. SEE DETAIL ON SHEET M701. PROVIDE MIN. 1/2" INSULATION WHERE INSIDE BUILDING AND WALLS.
2. PROVIDE REFRIGERANT LINES. ROUTE FROM AHU BELOW GRADE IN A SLEEVE PIPE TO EXTERIOR CONDENSER; REFER TO SHEET M801 FOR DETAIL. WHERE REFRIGERANT LINE RUN EXCEEDS 80 EQUIV FEET HORIZONTALLY OR 20 EQUIV FEET VERTICALLY, SIZE REFRIGERANT LINES PER CU MANUFACTURER'S RECOMMENDATIONS FOR THE SPECIFIC LENGTH INVOLVED. ALSO PROVIDE ACCESSORIES AS RECOMMENDED BY MANUFACTURER. FOLLOW THE MANUFACTURER'S RECOMMENDATIONS IN LONG LINE APPLICATION GUIDELINE.
3. PROVIDE AND MOUNT AHU AS INDICATED IN DETAIL ON DRAWING M701.
4. PROVIDE AND MOUNT EXHAUST FAN WITH BACKDRAFT DAMPER IN CEILING. ROUTE GALVANIZED STEEL EXHAUST DUCT UP TO ROOF (8" DUCT FOR EF-1 AND 4" DUCT FOR EF-2) AND TERMINATE WITH GOOSENECK. PROVIDE WITH BIRD SCREEN.
5. PROVIDE AND MOUNT CU'S ON 4" THICK CONCRETE PADS. PAD DIMENSIONS SHALL EXCEED CU DIMENSIONS BY 6" ON ALL SIDES AND SHALL ALLOW FOR REFRIGERANT PIPING STUB-UP. PLACE CU'S AWAY FROM ROOF DRIP LINE. PROVIDE MANUFACTURER'S RECOMMENDED CLEARANCES. COORDINATE CLOSELY WITH LANDSCAPING PLANS AND ARCHITECTURAL DETAILS. REFER TO SHEET M701 FOR ANCHORING DETAIL.

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REVISIONS

NO.	DESCRIPTION	DATE

PRELIMINARY PLAN NOT FOR CONSTRUCTION

THESE PLANS ARE NOT FULLY PERMITTED AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS.

ISSUE DATE:	XX/XX/20
DESIGNED BY:	XXX
DRAWN BY:	XXX
CHECKED BY:	XXX

THOMAS F. DONAHUE, P.E.
FLORIDA REG. NO. 60529
(FOR THE FIRM)

CLIENT

VILLAGE OF PINECREST

PINECREST PARKS & RECREATION

PROJECT

SHEET TITLE

MECHANICAL FLOOR PLANS

SHEET NUMBER M201

KEITH PROJECT NUMBER 13861.00

STATUS: PRELIMINARY

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Plotted by: dante On 07/7/2024 2:39 PM

Drawing name: Q:\PROJECT FILES\2024\2024-256 Village of Pinecrest- Gary Metzer Park\Drawings\1550-M201-J202456.dwg