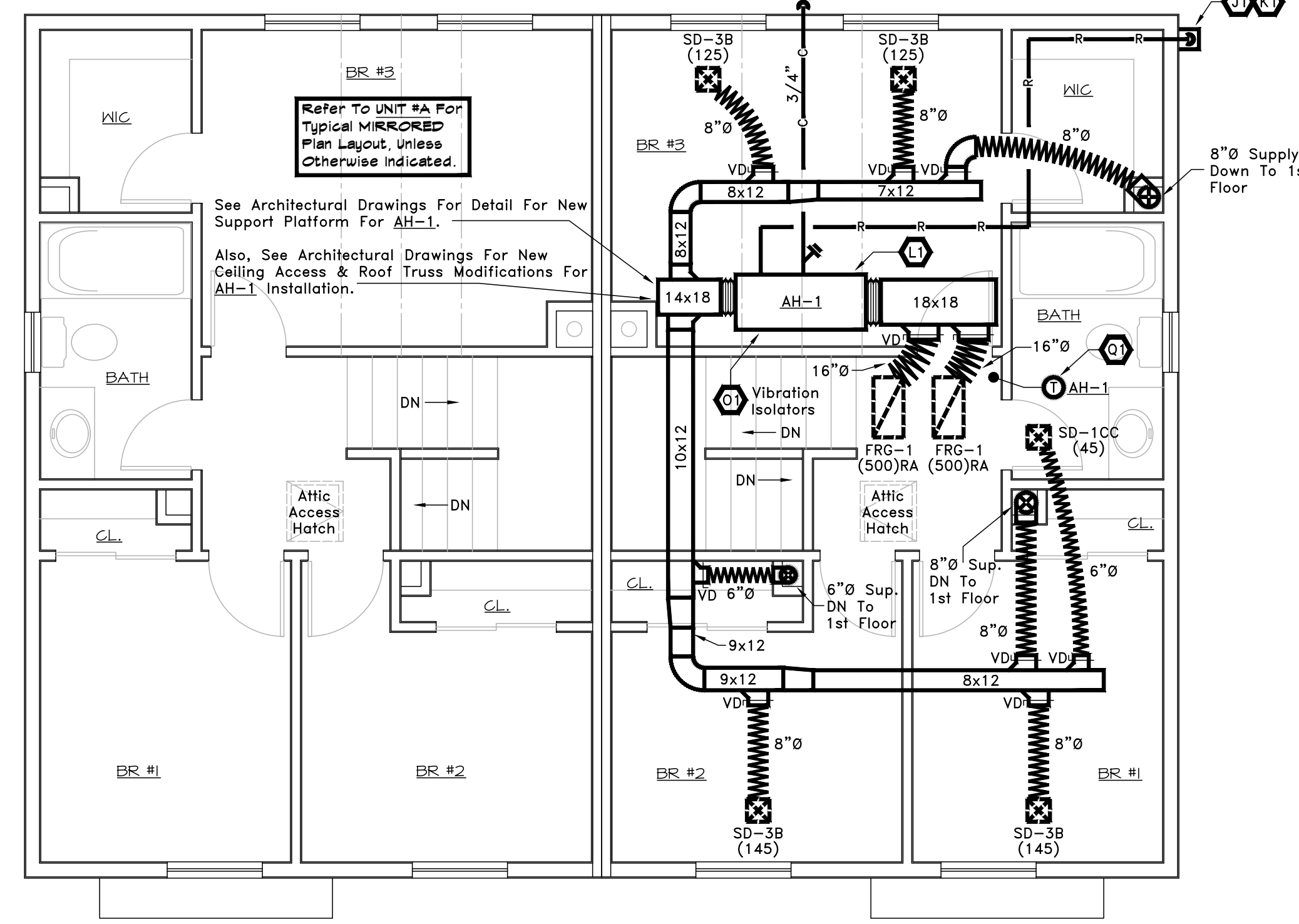


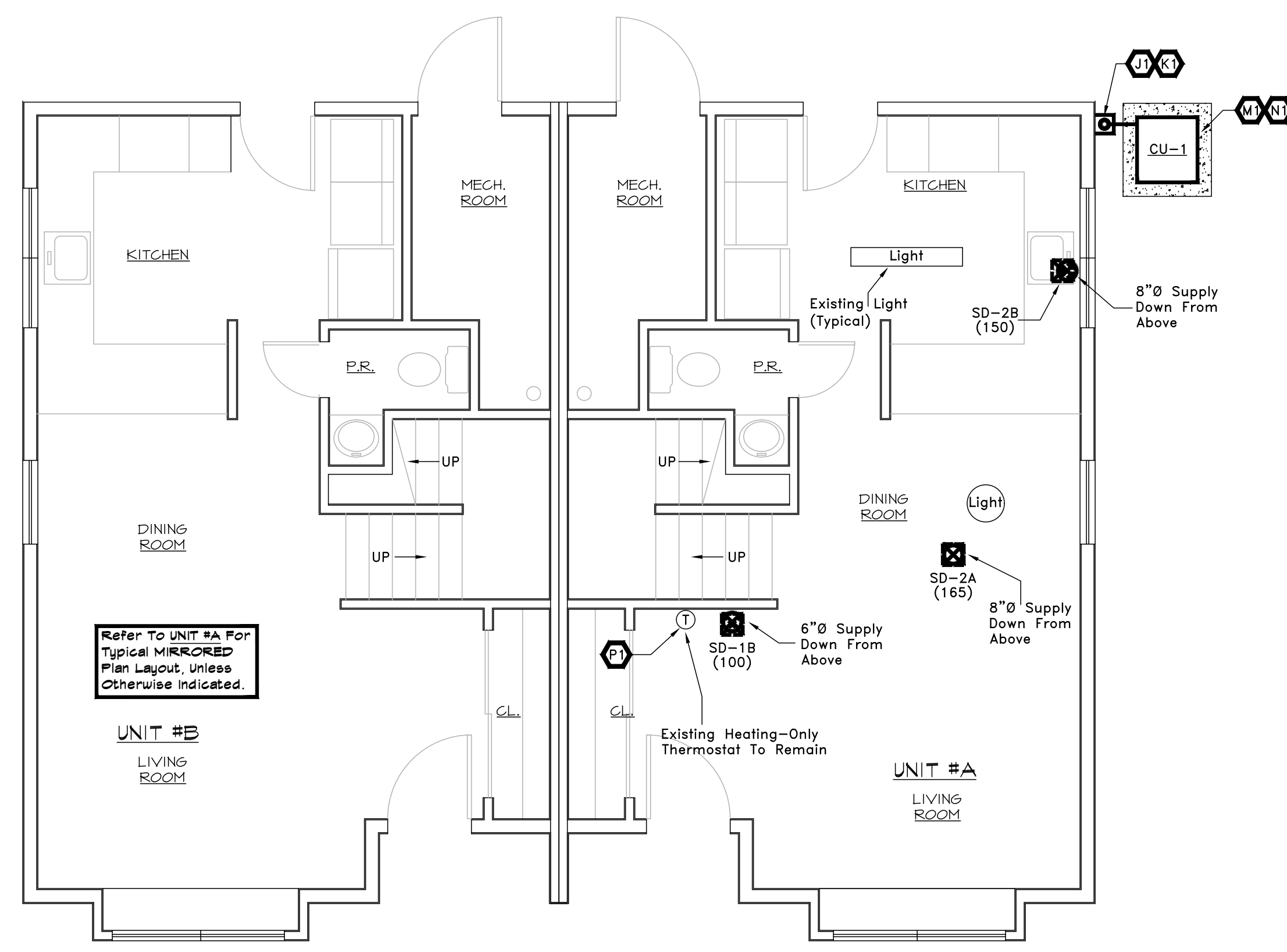
REVISIONS	
3	4/12/23 Reissue For Bid
2	12/23/22 Reissue For Bid
1	8/9/21 Reissue For Bid
-	3/10/21 Issued For Bid

NOTE: The Air Handling Unit, Associated Ductwork & Piping As Shown On This Plan Is Located Within The Attic Above. Refer To The Architectural Drawings For Additional Info On The Attic. Duct Layout Was Shown On This Plan For Simplicity Of Reading The Drawing.



2
M2 2nd FLOOR PLAN
SCALE: 1/4" = 1' - 0"

- HVAC Typical Plan Notes:**
- A1) Refer To The "HVAC General Notes" On Drawing M1 Of This Set.
 - B1) All Duct Dimensions Are Net Inside Clear Dimensions. (Typical)
 - C1) DO NOT Run Flexible Ductwork Through Any Walls. (Typical)
 - D1) All 90° Square Elbows Shall Be Provided With Double Radius Turning Vanes. (Typical)
 - E1) Not Used.
 - F1) Provide Flexible Connections At All Points Of Connection To Equipment In All Ductwork Systems (Supply, Return & Exhaust) Connected To Air Handling Units, Fans, And Other Equipment. (Typical)
 - G1) Not Used.
 - H1) The H.C. Is Responsible To Provide & Install The Condensate Drain, Trap, Vent & Cleanout At Each Air Handling Unit Located In The Attic, Then To Run Piping Over To Discharge Via An Indirect Waste Into The Existing Roof Gutter.
 - J1) Run The Refrigeration Piping Liquid & Suction Piping From The Condensing Unit Located On A Pad At Grade, Up Along The Outside Of The Unit, Then Into The Attic To Connect To The DX Coil. Provide & Install A Blank Section Of Vertical Roof Leader To Visually Conceal The Exterior Refrigeration Piping From View. Coordinate With The Electrical Contractor For Their Conduit & Conductors To Be Concealed Within The Same Leader Enclosure.
 - K1) Refrigeration Liquid & Suction Piping Shall Be Of The Type & Size As Recommended By The Unit Manufacturer. (Typical)
 - L1) Emergency Condensate Overflow Auxiliary Protection: A Water-Level Detection Device Conforming To UL 508 Shall Be Provided That Will Shut Off The HVAC Equipment In The Event That The Primary Drain Is Blocked. The Device Shall Be Installed In The Primary Drain Line, The Overflow Drain Line, Or In The Equipment-Supplied Drain Pan, Located At A Point Higher Than The Primary Drain Line Connection And Below The Overflow Rim Of Such Pan. (Typical)
 - M1) Housekeeping Pad: The H.C. Shall Provide & Install The New Outside Condensing Unit On A Level Housekeeping Pad.
 - N1) Field Survey & Verify Final Condensing Unit Location: The HVAC Contractor Shall Field Verify The Final Location Of The Condensing Unit With The Owner Prior To Installation.
 - O1) Vibration Isolation For Attic Installed Air Handling Unit: Refer To The Architectural Drawings Of This Set For The New Plywood Platform Within The Attic That Is Being Provided & Installed By The General Contractor. The HVAC Contractor Shall Install The New Air Handling Unit On The Platform Using Vibration Isolators To Prevent The Transfer Of Vibration Noise Into The Bedroom Space Below.
 - P1) Label The Existing Heating-Only Thermostat As "Controls Heat Only".
 - Q1) Label The New Cooling-Only Thermostat As "Controls Cooling Only".



1
M2 1st FLOOR PLAN
SCALE: 1/4" = 1' - 0"

WILLIAM CHARLEROY ARCHITECT
114 TITUS MILL ROAD
PENNINGTON NEW JERSEY 08534
609-571-3966

AIR CONDITIONING PROJECT AT
THE LOANTAKA WAY HOUSING SITE
MADISON NJ FOR
THE MADISON HOUSING AUTHORITY

W. CHARLEROY RA AIA
N.J. ARCHITECT C-5747
P.A. ARCHITECT RA012848B

HVAC
FLOOR PLAN
& NOTES

DATE
APRIL 12, 2023

M2

Supreme ENGINEERING
HVAC • ELECTRICAL • MECHANICAL

15 MAIN STREET, SUITE 112
FLEMINGTON NEW JERSEY 08822
TEL: (908) 747-1885
info@SupremeEngineeringLLC.com
Cert. Of Authorization #246A28324000

Robert L. Chittenden, P.E., LEED AP
NJ Professional Engineer Lic. #6E-42241
NY Professional Engineer Lic. #084164
PA Professional Engineer Lic. #PE-051121-E

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SEL PROJECT #22107