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P:12021PR2021-065-ST ANNE HOLY FAMILY RESIDENCE06-DRAWINGS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

GENERAL NOTES - MECHANICAL

- 1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE GENERAL AND SPECIAL CONDITIONS, "GENERAL CONDITIONS - MECHANICAL" OF THE PROJECT SPECIFICATIONS AND TO ALL OTHER CONTRACT DOCUMENTS AS THEY APPLY TO THIS BRANCH OF WORK. ATTENTION IS ALSO DIRECTED TO ALL OTHER SECTIONS OF THE CONTRACT DOCUMENTS WHICH AFFECTS THE WORK AND WHICH ARE HEREBY MADE A PART OF THE WORK SPECIFIED.
2. ALL MANUFACTURERS, SUPPLIERS, FABRICATORS, CONTRACTORS, ETC. SUBMITTING PROPOSALS FOR ANY PART OF THE WORK, SERVICES, MATERIALS OR EQUIPMENT TO BE USED ON OR APPLIED TO THIS PROJECT ARE HEREBY DIRECTED TO FAMILIARIZE THEMSELVES WITH THE CONTRACT DOCUMENTS. IN CASE OF CONFLICTS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR CLARIFICATION AND FINAL DETERMINATION PRIOR TO THE BID.
3. THE WORK SHALL CONSIST OF FURNISHING ALL LABOR, EQUIPMENT, TRANSPORTATION, SUPPLIES, MATERIALS, APPURTENANCES AND SERVICES NECESSARY FOR THE SATISFACTORY INSTALLATION OF THE COMPLETE AND OPERATING SYSTEMS INDICATED OR SPECIFIED IN THE CONTRACT DOCUMENTS.
4. ANY MATERIALS, LABOR, EQUIPMENT OR SERVICES NOT MENTIONED SPECIFICALLY HEREIN WHICH MAY BE NECESSARY TO COMPLETE ANY PART OF THE SYSTEMS IN A SUBSTANTIAL MANNER, IN COMPLIANCE WITH THE REQUIREMENTS STATED, IMPLIED OR INTENDED IN THE PLANS AND SPECIFICATIONS, SHALL BE INCLUDED IN THE BID AS PART OF THE CONTRACT.
5. THE ENGINEER DOES NOT DEFINE THE SCOPE OF INDIVIDUAL TRADES, SUBCONTRACTORS, MATERIAL SUPPLIERS AND VENDORS. ANY SHEET NUMBERING OR SPECIFICATION NUMBERING SYSTEM USED WHICH IDENTIFIES DISCIPLINES IS SOLELY FOR THE ENGINEER'S CONVENIENCE AND IS NOT INTENDED TO DEFINE A SUBCONTRACTOR'S SCOPE OF WORK. INFORMATION REGARDING INDIVIDUAL TRADES, SUBCONTRACTORS, MATERIAL SUPPLIERS AND VENDORS MAY BE DETAILED, DESCRIBED AND INDICATED AT DIFFERENT LOCATIONS THROUGHOUT THE CONTRACT DOCUMENTS. NO CONSIDERATION WILL BE GIVEN TO REQUESTS FOR CHANGE ORDERS FOR FAILURE TO OBTAIN AND REVIEW THE COMPLETE SET OF CONTRACT DOCUMENTS WHEN PREPARING BIDS, PRICES AND QUOTATIONS. UNLESS STATED OTHERWISE, THE SUBDIVISION AND ASSIGNMENT OF WORK UNDER THE VARIOUS SECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR HOLDING THE PRIME CONTRACT.
6. IT IS THE INTENTION OF THE CONTRACT DOCUMENTS TO CALL FOR A COMPLETE AND OPERATIONAL SYSTEM, INCLUDING ALL COMPONENTS, ACCESSORIES, FINISH WORK, ETC NECESSARY FOR TROUBLE FREE OPERATION; TESTED AND READY FOR OPERATION. ANYTHING THAT MAY BE REQUIRED, IMPLIED, OR INFERRED BY THE CONTRACT DOCUMENTS SHALL BE PROVIDED AND INCLUDED AS PART OF THE BID.
7. ALL CONTRACTORS AND VENDORS PROVIDING A BID FOR THIS PROJECT SHALL REVIEW THE PLANS AND SPECIFICATIONS AND DETERMINE ANY MODIFICATIONS AND/OR ADJUSTMENTS NECESSARY RELATIVE TO THE PROPOSED EQUIPMENT AND MATERIALS WITH SPECIFIC MANUFACTURER'S INSTALLATION REQUIREMENTS. INCLUDE IN THE BID ANY NECESSARY METHODS, FEATURES, OPTIONS, ACCESSORIES, ETC. NECESSARY TO INSTALL THE PROPOSED EQUIPMENT AND MATERIALS, REGARDLESS OF WHETHER USED AS BASIS OF DESIGN OR BEING OFFERED AS A SUBSTITUTION, IN ACCORDANCE WITH THE SPECIFIC MANUFACTURER'S INSTALLATION REQUIREMENTS, WHETHER SPECIFICALLY DETAILED OR NOT, WITHIN THE PLANS AND SPECIFICATIONS.
8. THE BIDDER/PROPOSER SHALL COMPLETELY REVIEW THE CONTRACT DOCUMENTS. ANY INTERPRETATION AS TO DESIGN INTENT OR SCOPE SHALL BE PROVIDED BY THE ENGINEER. SHOULD ANY INTERPRETATION BE REQUIRED, THE BIDDER/PROPOSER SHALL REQUEST A CLARIFICATION NOT LESS THAN TEN (10) DAYS PRIOR TO THE SUBMISSION OF THE BID SO THAT THE CONDITION MAY BE CLARIFIED BY ADDENDUM. IN THE EVENT OF ANY CONFLICT, DISCREPANCY, OR INCONSISTENCY DEVELOPS, THE INTERPRETATION OF THE ENGINEER SHALL BE FINAL.
9. THE CONTRACTOR SHALL PROVIDE LAYOUT CONFIRMATION OF EQUIPMENT LOCATIONS TO VERIFY THAT ALL COMPONENTS WILL FIT IN THE PROPOSED SPACE AND HAVE ADEQUATE CLEARANCE FOR SERVICES. COORDINATE THE LOCATION OF DRAINS, CONNECTIONS, ETC. PRIOR TO COMMENCING INSTALLATION. WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE RESPONSIBLE CONTRACTOR(S).
10. EQUIPMENT AND MATERIALS SUBSTITUTIONS OR DEVIATIONS SHALL COMPLY WITH "GENERAL PROVISIONS - MECHANICAL PART 6." ANY VENDOR WISHING TO OBTAIN AN EQUIPMENT SUBSTITUTION SHALL REQUEST A CLARIFICATION NOT LESS THAN TEN (10) DAYS PRIOR TO THE SUBMISSION OF THE PROPOSAL SO THAT IT MAY BE CONSIDERED AND POTENTIALLY INCLUDED BY ADDENDUM. REQUESTS MADE AFTER THIS PERIOD WILL BE REJECTED.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE REGARDLESS IF CONTRACTOR IS IGNORANT OF CODES, RULES, REGULATIONS, LAWS, ETC. THE CONTRACTOR SHALL ALSO BE VERSED IN ALL CODES, RULES, REGULATIONS, LAWS, ETC. PERTINENT TO THEIR PART OF THE WORK PRIOR TO SUBMISSION OF THE PROPOSAL.
12. ALL WARRANTIES SHALL BEGIN STARTING AT THE PROJECT'S SUBSTANTIAL COMPLETION DATE. ALL EQUIPMENT, MATERIAL AND LABOR WARRANTIES SHALL BE FURNISHED BY THE EQUIPMENT SUPPLIER/VENDOR.
13. WHEREVER WORK PENETRATES ROOFING, IT SHALL BE DONE IN A MANNER THAT WILL NOT DIMINISH OR VOID THE ROOFING GUARANTEE OR WARRANTY IN ANY WAY. COORDINATE ALL SUCH WORK WITH THE ROOFING INSTALLER.
14. DUCTWORK, PIPING AND EQUIPMENT SHALL BE KEPT CLEAN AT ALL TIMES. DUCTWORK STORED ON THE JOB SITE SHALL BE PLACED A MINIMUM OF 4" ABOVE THE FLOOR AND BE COMPLETELY COVERED IN PLASTIC. INSTALLED DUCTWORK SHALL BE PROTECTED WITH PLASTIC. DO NOT INSTALL THE DUCTWORK OR INSULATION (PIPE OR DUCT) IF THE BUILDING IS NOT "DRIED-IN". IF THIS IS REQUIRED, THE ENTIRE LENGTHS SHALL BE COVERED IN PLASTIC TO PROTECT. THE OWNER/ENGINEER SHALL PERIODICALLY INSPECT THAT THESE PROCEDURES ARE FOLLOWED. IF DEEMED UNACCEPTABLE, THE CONTRACTOR SHALL BE REQUIRED TO CLEAN SYSTEM UTILIZING A NADCA CERTIFIED CONTRACTOR.
15. THE PERMANENT SYSTEMS, WHEN INSTALLED, MAY BE USED FOR TEMPORARY SERVICES WITH THE CONSENT OF THE ENGINEER AND IN STRICT ACCORDANCE WITH "GENERAL PROVISIONS - MECHANICAL - TEMPORARY USE OF EQUIPMENT."
16. THE CONTRACTOR AND THEIR SUBCONTRACTORS SHALL INCLUDE IN THE BID TO PROVIDE EQUIPMENT AND CONTROLS STARTUP AND VERIFICATION FOR ALL MECHANICAL SYSTEMS SPECIFIED FOR THIS PROJECT AND IN STRICT ACCORDANCE WITH "GENERAL PROVISIONS - MECHANICAL - EQUIPMENT/CONTROLS STARTUP & VERIFICATION."
17. THE CONTRACTOR SHALL DETERMINE FROM THE CONTRACT DOCUMENTS, THE DATE OF COMPLETION FOR THE PROJECT AND INSURE THAT EQUIPMENT DELIVERY SCHEDULES CAN BE MET SO AS TO ALLOW THIS COMPLETION TO BE MET.
18. THROUGH COORDINATION WITH OTHER CONTRACTORS, VENDORS, AND SUPPLIERS ASSOCIATED WITH THIS PROJECT, THIS CONTRACTOR SHALL INSURE, 100% FUNCTIONAL, TESTED, INSPECTED AND APPROVED SYSTEMS. CLAIMS FOR ADDITIONAL COST OR CHANGE ORDERS WILL BE REJECTED.
19. PRIOR TO ORDERING ANY MATERIALS OR ROUGH-IN OF ANY KIND, THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL COORDINATION OF ALL ELECTRICAL REQUIREMENTS (I.E. VOLTAGE, PHASE, CIRCUIT BREAKER, WIRE SIZING, ETC.) WITH THE ELECTRICAL CONTRACTOR. THERE WILL BE NO CHANGE IN THE CONTRACT AMOUNT FOR ANY DISCREPANCIES.
20. ALL OFFSETS, TRIMS, FITTINGS, TRIM, DETAIL, ETC., MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSER'S DISCRETION.
21. DO NOT SCALE FROM DRAWINGS, PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM CONTRACTOR GENERATED DIMENSIONED DRAWINGS.
22. THE CONTRACTOR SHALL ENSURE PROPER COORDINATION BETWEEN ALL TRADES SUCH THAT CONDUITS, PIPING, DUCTWORK, ETC, DOES NOT BLOCK ACCESS TO VALVES, EQUIPMENT, DUCT ACCESS DOORS, ETC. ITEMS THAT HAVE BEEN INSTALLED WHERE ACCESS IS COMPROMISED SHALL BE RELOCATED AT THE CONTRACTOR'S EXPENSE.
23. THESE DRAWINGS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE, HOWEVER LOCATIONS AND SIZES WERE TAKEN FROM DIFFERENT SOURCES AND ARE SUBJECT TO DEVIATION. THE CONTRACTOR SHALL ASSUME SOME DEVIATIONS AND INCLUDE OFFSETS, ADDITIONAL PIPING, ETC. AT THE TIME OF BID.
24. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR THEIR WORK. ALL CUTTING AND PATCHING SHALL MATCH ADJACENT SURFACES AND PERFORMED BY SKILLED WORKERS OF THE TRADE. REFER TO SPECIFICATION SECTION "SLEEVEING, CUTTING, PATCHING, REPAIRING, ETC." AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
25. ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES, EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING.
26. PRIOR TO PURCHASE OR FABRICATION OF PIPING, THE CONTRACTOR SHALL COORDINATE INSTALLATION WITH ACTUAL CONDITIONS AND INSTALL ACCORDINGLY.
27. VALVES, BALANCING DAMPERS OR ANY MECHANICAL/ELECTRICAL ITEM SHALL NOT BE LOCATED ABOVE A HARD CEILING. IF THIS IS NOT POSSIBLE, THEN AN APPROPRIATELY SIZED ACCESS DOOR SHALL BE PLACED AT NO ADDITIONAL COST UNDER THE ITEM WHETHER SHOWN OR NOT ON THE PLANS TO ALLOW ACCESS AND ADJUSTMENT.
28. THE CONTRACTOR SHALL VISIT THE SITE FOR EXACT LOCATIONS OF ALL WALL AND CEILING DEVICES. THIS SHALL INCLUDE PLUMBING FIXTURES, CEILING GRILLES AND DIFFUSERS, ETC.
29. CONTRACTOR SHALL CLEAN UP CONSTRUCTION DEBRIS AT ALL TIMES DURING CONSTRUCTION.

GENERAL NOTES - DEMOLITION

- A. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR AREAS IN WHICH THE CEILING IS REMAINING. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE EXISTING CEILING AS REQUIRED AND REINSTALLATION. TEMPORARILY SUPPORT LIGHTS, DIFFUSERS, CEILING ETC. REPLACE BROKEN CEILING TILES WITH NEW AT NO ADDITIONAL COST TO OWNER. FIELD VERIFY EXACT REQUIREMENTS.
B. ALL OUTAGES SHALL BE SCHEDULED THROUGH THE PROJECT REPRESENTATIVE FOR PROPER COORDINATION. A REQUEST FOR AN OUTAGE SHALL BE SUBMITTED IN WRITING A MINIMUM OF TWO WEEKS IN ADVANCE.
C. DURING SPRINKLER SYSTEM OUTAGES THE CONTRACTORS SHALL PROVIDE FIRE WATCH OF AREAS WITH OUTAGES.
D. ALL WALLS AND FLOOR SLABS SHALL BE REPAIRED TO MATCH EXISTING AND TO A LIKE NEW CONDITION. ALL RATED WALLS AND FLOOR SLABS SHALL BE PATCHED AND REPAIRED TO MAINTAIN RATING.
E. ALL EXISTING BUILDING FINISHES SHALL BE PROTECTED DURING THE DEMOLITION PHASE.
F. HEAVY DASHED LINES INDICATE ITEMS FOR REMOVAL (U.O.N) AND LIGHT SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.
G. COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH THE OWNER.

ABBREVIATIONS

Table with 2 columns: Abbreviation and Description. Includes entries like ADJ (ADJUSTABLE), AFF (ABOVE FINISHED FLOOR), APD (AIR PRESSURE DROP), AVG (AVERAGE), BAS (BUILDING AUTOMATION SYSTEM), BHP (BREAK HORSEPOWER), BTU (BRITISH THERMAL UNIT), CFM (CUBIC FEET PER MINUTE), DDC (DIRECT DIGITAL CONTROLS), DN (DOWN), EAT (ENTERING AIR TEMPERATURE), EC (ELECTRICAL CONTRACTOR), ESP (EXTERNAL STATIC PRESSURE), ETR (EXISTING TO REMAIN), EWT (ENTERING WATER TEMPERATURE), FPM (FEET PER MINUTE), GC (GENERAL CONTRACTOR), GPM (GALLONS PER MINUTE), HD (HEAD), HP (HORSEPOWER, -EAT PUMP), ID (IDENTIFICATION, -INSIDE DIAMETER, -INSIDE DIMENSION), KW (KILOWATT), LAT (LEAVING AIR TEMPERATURE), LWT (LEAVING WATER TEMPERATURE), MBH (BTU PER HOUR [THOUSANDS]), MCA (MINIMUM CIRCUIT AMPS), MFG (MANUFACTURER), MOCP (MAXIMUM OVERCURRENT PROTECTION [AMPS]), NC (NOISE CRITERIA OR NORMALLY CLOSED), NO (NORMALLY OPEN OR NUMBER), NTS (NOT TO SCALE), OD (OUTSIDE DI (-AMETER, -MENSION), SP (STATIC PRESSURE), SQ FT (SQUARE FEET OR FOOT), TSP (TOTAL STATIC PRESSURE), TYP (TYPICAL), V (VOLT (-AGE, -S)), VEL (VELOCITY), VFD (VARIABLE FEQUENCY DRIVE), WPD (WATER PRESSURE DROP), ΔP (DIFFERENTIAL PRESSURE), ΔT (TEMPERATURE DIFFERENCE)

HVAC LEGEND

Table with 2 columns: Symbol and Description. Includes entries like Supply Air Diffuser, Return Air Grille, Exhaust Air Diffuser, Transfer Air Grille w/ Sound Attenuating Boot, Sidewall Diffuser/Grille, Air Device Tag (Register, Grille, Diffuser, Louver), Rectangular Duct, Round/Spiral Duct, Flat Oval Duct, Supply Air Duct, Return Air Duct, Exhaust Air Duct, Outside Air Duct, Transfer Air Duct, Combustion Air Exhaust Duct, Combustion Air Intake Duct, SA Air Duct Turning Up, SA Air Duct Turning Down, RA Air Duct Turning Up, RA Air Duct Turning Down, EA Air Duct Turning Up, EA Air Duct Turning Down, Existing Duct - (xxx) Denotes System, Duct to be Demolished - (xxx) Denotes System, Duct to be Abandoned in Place - (xxx) Denotes System, Mitered Elbow with Turning Vanes, Flexible Duct, Thermostat, Temperature Sensor, Humidity Sensor, Carbon Dioxide Sensor, Temperature & Carbon Dioxide Sensor, Manual Balancing/Volume Damper, Motorized Damper

MECHANICAL PIPING LEGEND

Table with 2 columns: Symbol and Description. Includes entries like Pipe Elbow Turning Up, Pipe Elbow Turning Down, Pipe Tee: Connection on Top, Pipe Tee: Connection on Bottom, Pipe Cap, Condensate Drain, Chilled Water Supply/Return, Condenser Water Supply/Return, Dual Temp. Water Supply/Return, Geothermal Water Supply/Return, High Pressure Steam Condensate, High Pressure Steam; (#) Denotes Pressure, Heat Pump Water Supply/Return, Heat Recovery Supply/Return Piping, Heating Water Supply/Return, Low Pressure Steam Condensate, Low Pressure Steam; (#) Denotes Pressure, Medium Pressure Steam Return, Medium Pressure Steam; (#) Denotes Pressure, Steam Vent Piping, Piping to be Demolished - (xxx) Denotes System, Existing Piping - (xxx) Denotes System

GENERAL SYMBOLS

Table with 2 columns: Symbol and Description. Includes entries like Tagged Note Designator, Revision Triangle, Room Tag, Equipment Tag, Point of Connection / Connect to Existing, Point of Demolition

NOTE: NOT ALL SYMBOLS AND ABBREVIATIONS MAY BE USED ON THIS PROJECT

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Table with 3 columns: NO., DATE, DESCRIPTION. Row 1: 07.11.2022, FOR BID / PERMIT

Interior Renovation ST. ANNE - HOLY FAMILY RESIDENCE 5300 St. Anne Dr. Melbourne, KY

MECHANICAL LEGEND

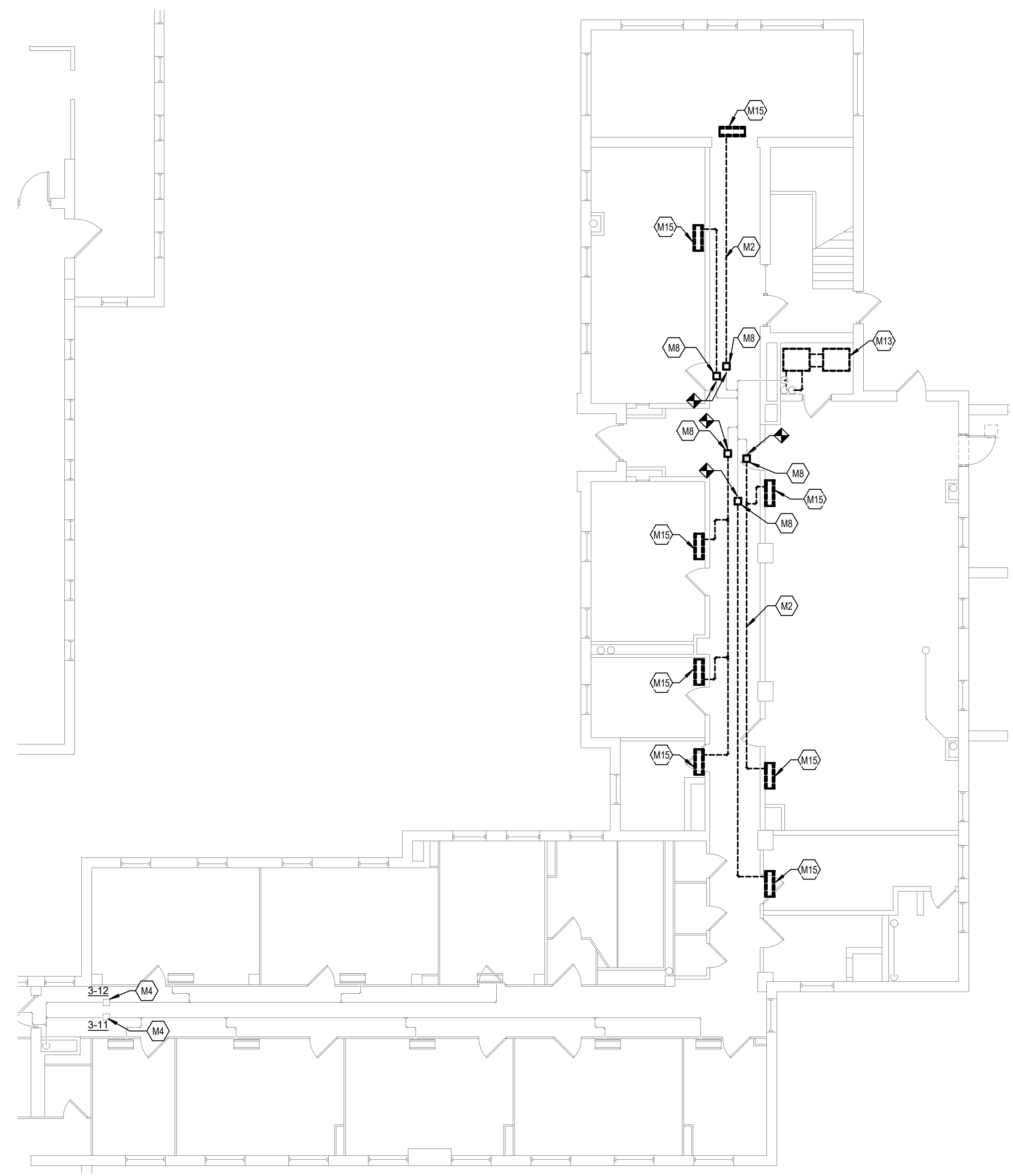
2021-065

M-001

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1 1ST FLOOR MECHANICAL DEMOLITION PLAN
 SCALE: 1/8" = 1'-0"
 0 2 4 8 16 24 32 1/8" = 1'-0"

TAGGED NOTES

M2	REMOVE EXISTING VRV REFRIGERANT PIPING BACK TO BRANCH SELECTOR BOX AS SHOWN.
M4	EXISTING BRANCH SELECTOR BOX TO REMAIN IN THIS LOCATION.
M8	REMOVE AND SAVE EXISTING BRANCH SELECTOR BOX IN THIS LOCATION.
M13	REMOVE EXISTING CONDENSING UNITS (3) IN THIS LOCATION. PIPING FROM THE BASEMENT AND PIPING TO BUILDING SHALL REMAIN FOR FUTURE USE.
M15	REMOVE EXISTING VRV INDOOR UNIT IN THIS LOCATION. EXISTING CONDENSATE PUMP AND PIPING TO REMAIN FOR FUTURE USE.

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1ST FLOOR MECHANICAL DEMOLITION PLAN

2021-065

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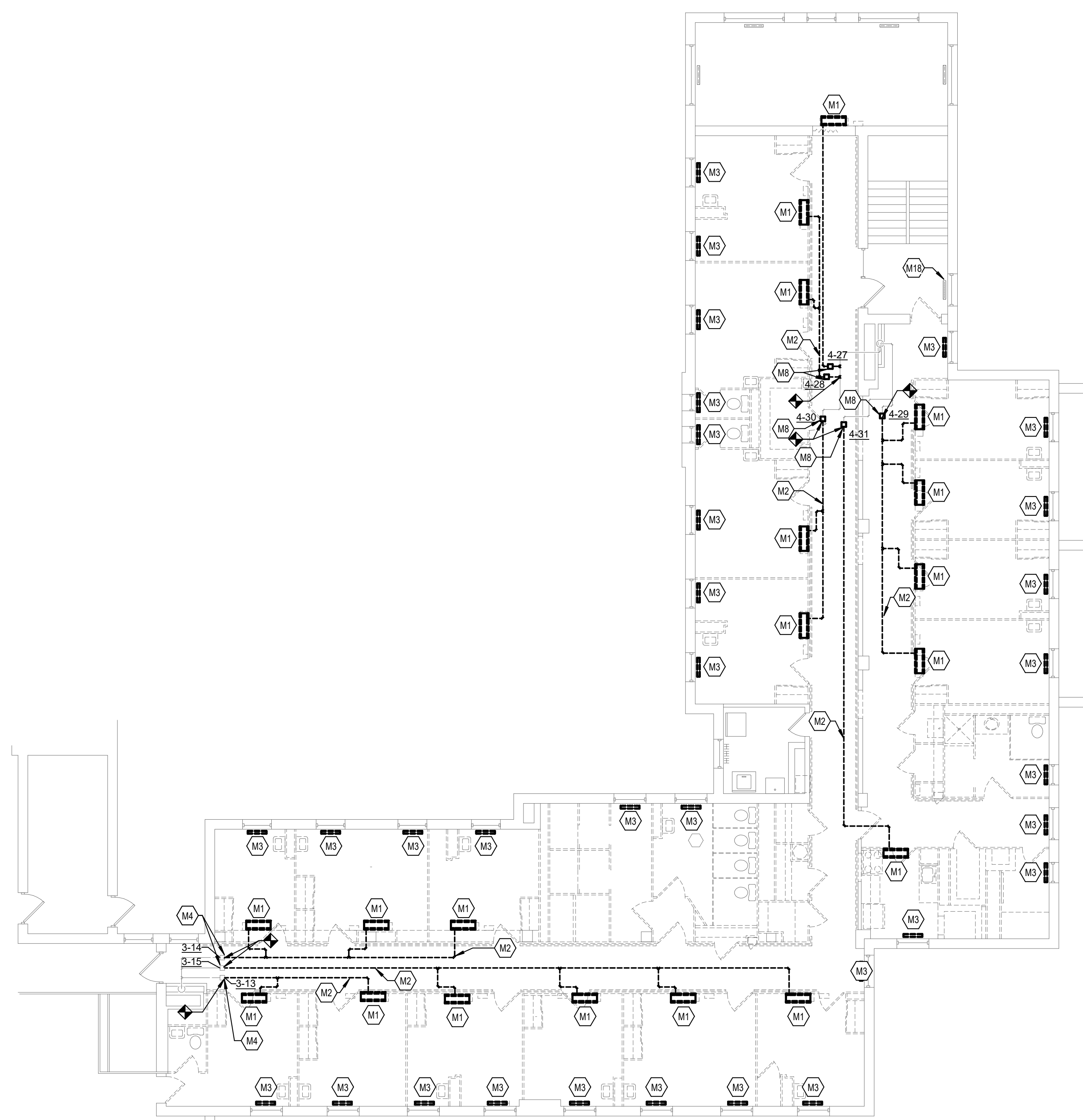
TAGGED NOTES

M1	REMOVE EXISTING VRV INDOOR UNIT IN THIS LOCATION. CONTRACTOR TO REMOVE AND SAVE EXISTING ASPEN CONDENSATE PUMP FOR FUTURE USE. CONDENSATE PIPING TO REMAIN FOR FUTURE USE.
M2	REMOVE EXISTING VRV REFRIGERANT PIPING BACK TO BRANCH SELECTOR BOX AS SHOWN.
M3	REMOVE EXISTING STEAM RADIATOR IN THIS LOCATION. EXISTING PIPING TO BE CAPPED UNDER FLOOR.
M4	EXISTING BRANCH SELECTOR BOX TO REMAIN IN THIS LOCATION.
M8	REMOVE AND SAVE EXISTING BRANCH SELECTOR BOX IN THIS LOCATION.
M18	EXISTING STEAM RADIATOR TO REMAIN IN THIS LOCATION.

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1 2ND FLOOR MECHANICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"
0 2' 4' 8' 16' 24' 32'

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2ND FLOOR MECHANICAL DEMOLITION PLAN

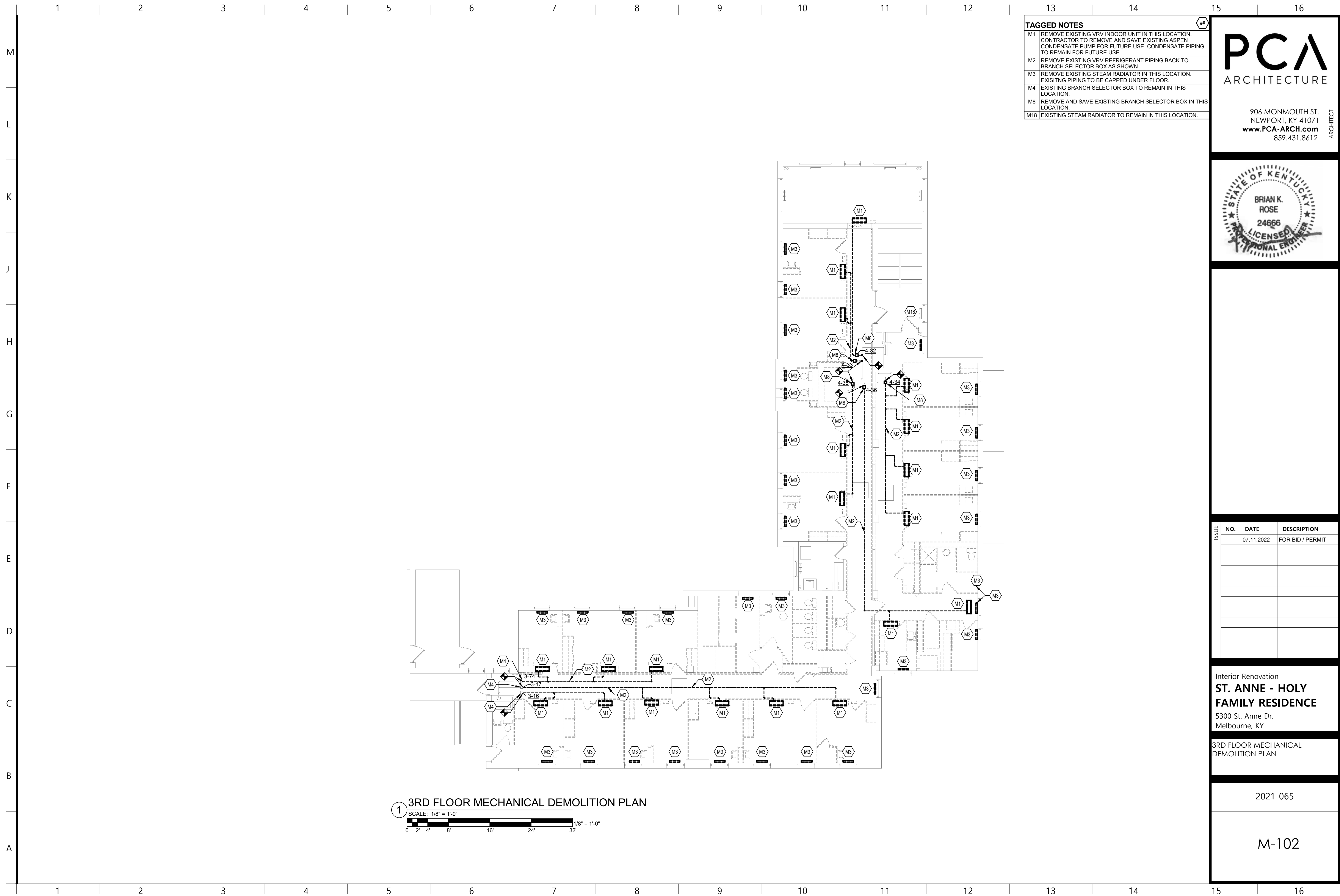
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M-101

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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1 3RD FLOOR MECHANICAL DEMOLITION PLAN

SCALE: 1/8" = 1'-0"
 0 2 4 8 16 24 32 1/8" = 1'-0"

TAGGED NOTES

- M1 REMOVE EXISTING VRV INDOOR UNIT IN THIS LOCATION. CONTRACTOR TO REMOVE AND SAVE EXISTING ASPEN CONDENSATE PUMP FOR FUTURE USE. CONDENSATE PIPING TO REMAIN FOR FUTURE USE.
- M2 REMOVE EXISTING VRV REFRIGERANT PIPING BACK TO BRANCH SELECTOR BOX AS SHOWN.
- M3 REMOVE EXISTING STEAM RADIATOR IN THIS LOCATION. EXISTING PIPING TO BE CAPPED UNDER FLOOR.
- M4 EXISTING BRANCH SELECTOR BOX TO REMAIN IN THIS LOCATION.
- M8 REMOVE AND SAVE EXISTING BRANCH SELECTOR BOX IN THIS LOCATION.
- M18 EXISTING STEAM RADIATOR TO REMAIN IN THIS LOCATION.

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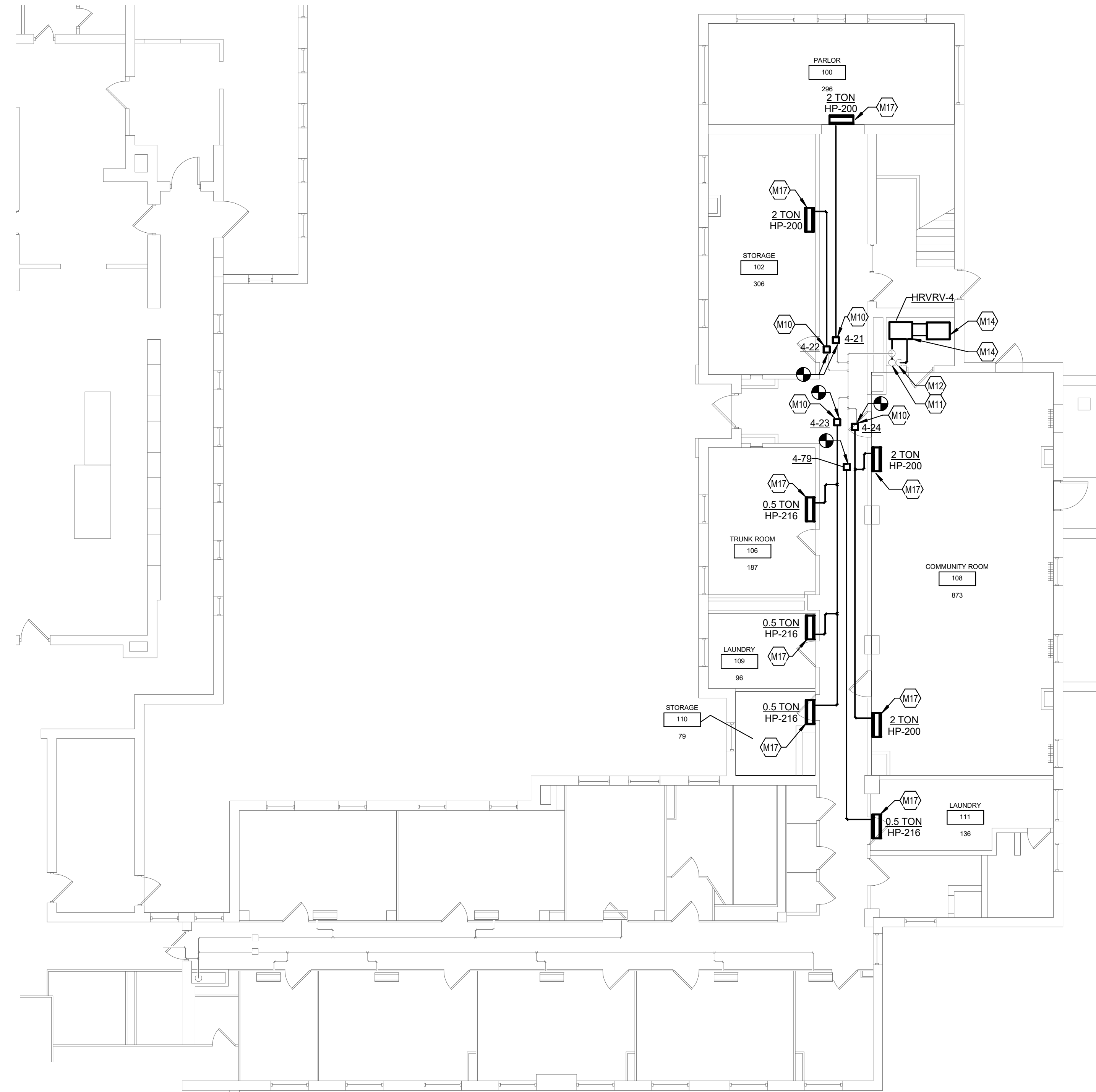
3RD FLOOR MECHANICAL
 DEMOLITION PLAN

2021-065

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1 1ST FLOOR MECHANICAL PLAN
 SCALE: 1/8" = 1'-0"
 0 2' 4' 8' 16' 24' 32' 1/8" = 1'-0"

TAGGED NOTES

M10 PROVIDE NEW BRANCH SELECTOR BOX IN THIS LOCATION.
 M11 EXISTING REFRIGERANT PIPING RISER TO REMAIN.
 M12 EXISTING CONDENSER WATER PIPING DOWN TO THE BASEMENT TO REMAIN.
 M14 PROVIDE NEW HEAT RECOVERY VRV CONDENSING UNIT IN THIS LOCATION. NEW PIPING SHALL CONNECT INTO EXISTING PIPING PER MANUFACTURER'S INSTRUCTIONS.
 M17 PROVIDE NEW VRV HIGH WALL UNIT IN SAME LOCATION AS EXISTING AND MOUNT AS HIGH AS POSSIBLE WHILE MAINTAINING 4" CLEARANCE. REUSE EXISTING ASPEN CONDENSATE PUMP IN THIS LOCATION. CONNECT NEW CONDENSATE PIPING INTO CONDENSATE PUMP AND TIE INTO EXISTING CONDENSATE DRAINAGE LINE. REFER TO VARIABLE REFRIGERANT FLOW INDOOR UNIT SCHEDULE ON SHEET M-400 FOR FURTHER DETAILS.

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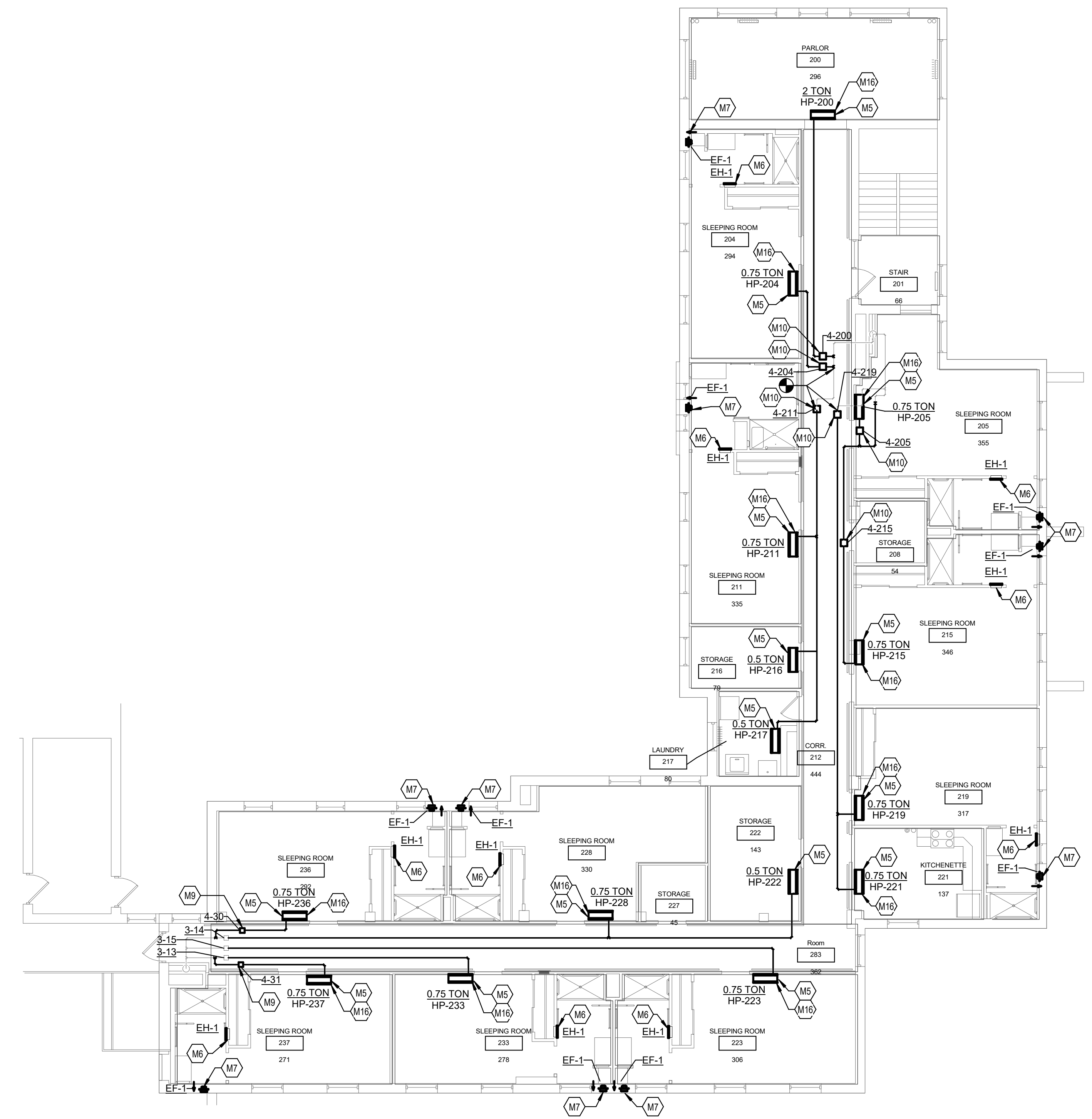
1ST FLOOR MECHANICAL NEW WORK PLAN

2021-065

M-200

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1 2ND FLOOR MECHANICAL PLAN
 SCALE: 1/8" = 1'-0"
 0 2' 4' 8' 16' 24' 32' 1/8" = 1'-0"

- TAGGED NOTES**
- M5 PROVIDE NEW VRV HIGH WALL UNIT IN THIS LOCATION AND MOUNT AS HIGH AS POSSIBLE WHILE MAINTAINING 4" CLEARANCE. RELOCATE EXISTING ASPEN CONDENSATE PUMPS TO THIS LOCATION. CONNECT NEW CONDENSATE PIPING INTO CONDENSATE PUMP AND TIE INTO EXISTING CONDENSATE DRAINAGE LINE. REFER TO VARIABLE REFRIGERANT FLOW INDOOR UNIT SCHEDULE ON SHEET M-400 FOR FURTHER DETAILS.
 - M6 PROVIDE NEW SURFACE MOUNTED ELECTRIC HEATER IN THIS LOCATION. REFER TO ELECTRIC HEATER SCHEDULE ON SHEET M-400 FOR FURTHER DETAILS.
 - M7 PROVIDE NEW IN-WALL EXHAUST FAN IN THIS LOCATION. REFER TO EXHAUST FAN SCHEDULE ON SHEET M-400 FOR FURTHER DETAILS.
 - M9 RELOCATE EXISTING BRANCH SELECTOR BOX TO THIS LOCATION.
 - M10 PROVIDE NEW BRANCH SELECTOR BOX IN THIS LOCATION.
 - M16 PROVIDE UNIT WITH PLASMA AIR MODEL 601 BIPOLAR IONIZATION MODULE OR EQUAL.

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2ND FLOOR MECHANICAL NEW WORK PLAN

2021-065

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