

MECHANICAL ROOF PLAN
SCALE: 1/8" = 1'-0"

- 1) NEW ROOFING ONLY CONDENSING UNIT PART OF NEW MIN-SPLIT SYSTEM FOR THE LT ROOMS PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR'S LOCATION SHOWN ON ROOF. REFER TO SHEET M201 FOR MECHANICAL CONTRACTOR'S SCHEDULE ON SHEET M201 FOR INFORMATION.
- 2) NEW ROOF HANGERS GENERAL DUCTWORK FAN INSTALL AS SHOWN ON ROOF. PROVIDE ON NEW INSULATED ROOF CURB PROVIDE FLASHING AS NOTED. VERIFY FAN ASSEMBLY IS 12" OF MINIMUM FROM ANY OPERATING ROOF FAN IN CURB AREA. REFER TO EXHAUST FAN SCHEDULE ON SHEET M201 FOR DUCT INFORMATION. (TOTAL OF 4)
- 3) NEW ROOF HANGERS EXHAUST FAN IN COMPRESSOR ROOM. PROVIDE THERMOSTAT TO CONTROL FAN. SET NEW ROOF HANGERS TO BE REBALANCED PER THE MECHANICAL SCHEDULE. SEE SHEET M204.
- 4) PROVIDE FLASHING AS NOTED. VERIFY FAN DISCHARGE IS 12" OF MINIMUM FROM ANY OPERATING ROOF FAN IN CURB AREA AND SEAL DUCT PENETRATION. SEE DETAIL. MECHANICAL CONTRACTOR TO CHECK EXHAUST FAN SCHEDULE ON SHEET M201 FOR INFORMATION.
- 5) EXHAUST AIR DUCT FROM PAINT/POWDER ROOM PROVIDED AND INSTALLED BY PAINT ROOM MANUFACTURER TO PROVIDE ROOF CURB WITH CAP AND SEAL DUCT PENETRATION. SEE DETAIL. MECHANICAL CONTRACTOR TO PROVIDE ROOF CURB WITH CAP AND SEAL DUCT PENETRATION. SEE DETAIL.
- 6) EXHAUST AIR DUCT FROM PAINT/POWDER ROOM PROVIDED AND INSTALLED BY PAINT ROOM MANUFACTURER. PROVIDE FLASHING AS NOTED. VERIFY FAN DISCHARGE IS 12" OF MINIMUM FROM ANY OPERATING ROOF FAN IN CURB AREA AND SEAL DUCT PENETRATION. SEE DETAIL.
- 7) PROVIDE 1200 CURB WITH CAP AND SEAL DUCT PENETRATION. SEE DETAIL.
- 8) MAINLINE DUCT FROM EXHAUST DUCT OFFSET HORIZONTALITY TO PROVIDE 12" OF CLEARANCE TO OUTSIDE AIR CURB. PROVIDE FLASHING AS NOTED. VERIFY FAN DISCHARGE IS 12" OF MINIMUM FROM ANY OPERATING ROOF FAN IN CURB AREA. REFER TO EXHAUST FAN SCHEDULE ON SHEET M201 FOR INFORMATION.
- 9) TERMINATE WITH MAIN CURB. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

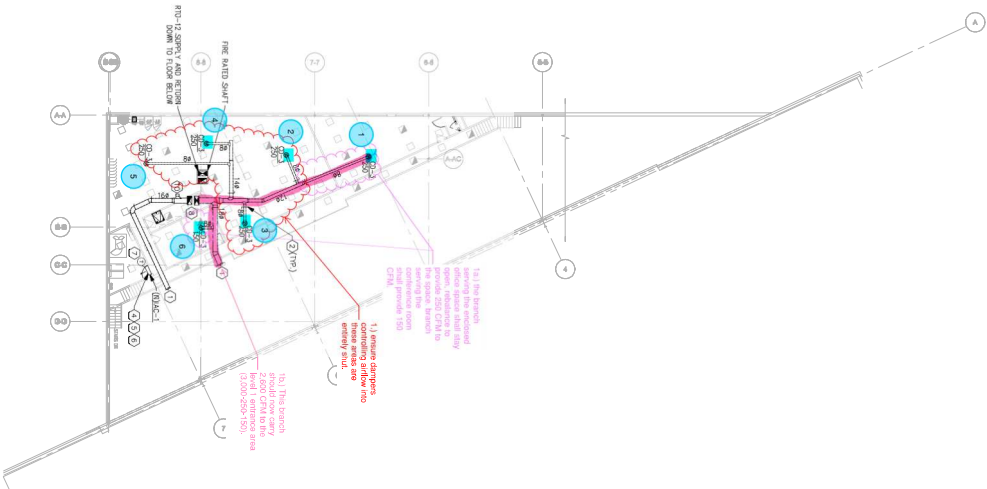
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ISSUE / REVISION: 75% SET ISSUE
DATE: 07/25/22 PERMIT RESUBMITAL
BY: [Signature] DATE: 08/04/2020

PROJECT NUMBER: M200
SHEET NUMBER: [Blank]

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MECHANICAL MEZZANINE PLAN
SCALE: 1/4" = 1'-0"



- 1 SEE SHEET 1002 FOR DUCT CONTINUATION.
- 2 PROVIDE NEW MANUAL VOLUME DAMPER AS REQUIRED.
- 3 NOT USED
- 4 NEW WALL MOUNTED FAN COIL UNIT PART OF NEW AIR-SPLIT SYSTEM FOR 1.1 ROOM PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR. THE AIR HANDLING UNIT SHALL BE INSTALLED AND LOCATED ON ROOF AND SHEET METAL FOR MACHINE DECK. (TOTAL OF 2)
- 5 ROUTE REPRESENT PIPING FOR NEW AIR-SPLIT SYSTEM IN 1.1 ROOM FROM ROOF MOUNTED CONDENSATE TRAY TO WALL MOUNTED AIR HANDLING UNIT. INSTALL ALL SPECIALTIES AND CONNECTIONS FROM FAN/CONDENSATE TRAY TO CONDENSATE TRAY.
- 6 ROUTE CONDENSATE TRAY FROM WALL MOUNTED AIR HANDLING UNIT TO MECHANICAL ROOM WITH 1/2" DIA. CONDENSATE TRAY. PROVIDE CONTROL WIRING AS REQUIRED.
- 7 NEW MECHANICAL ROOM LOCATED SYSTEM INSTALLED ON 4TH FLOOR. PROVIDE CONTROL WIRING AS REQUIRED. USE 1/2" DIA. CONDENSATE TRAY AND 1/2" DIA. CONDENSATE TRAY. PROVIDE TRANSFORMER, STARTERS, WIRING, HANGERS AND TERMINATIONS AS REQUIRED. DUCT DIMENSIONS ARE CLEAR INTERNAL AIR PATH DIMENSIONS. FIELD VERIFY SIZE AND LOCATION.
- 8 NOT USED
- 9 PROVIDE HORIZONTAL 12" x 12" RETURN AIR DUCT. PROVIDE 12" x 12" SCREEN OPENING WITHOUT DAMPER ON THE END OF THE DUCT.



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ISSUE DESCRIPTION: 75% SET ISSUE
DATE: 07/23/22
PERMIT RESUBMITTAL
DATE: 07/23/22
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AFTER BID WAWO
DRAWING TITLE
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