



MAINTENANCE BUILDINGS

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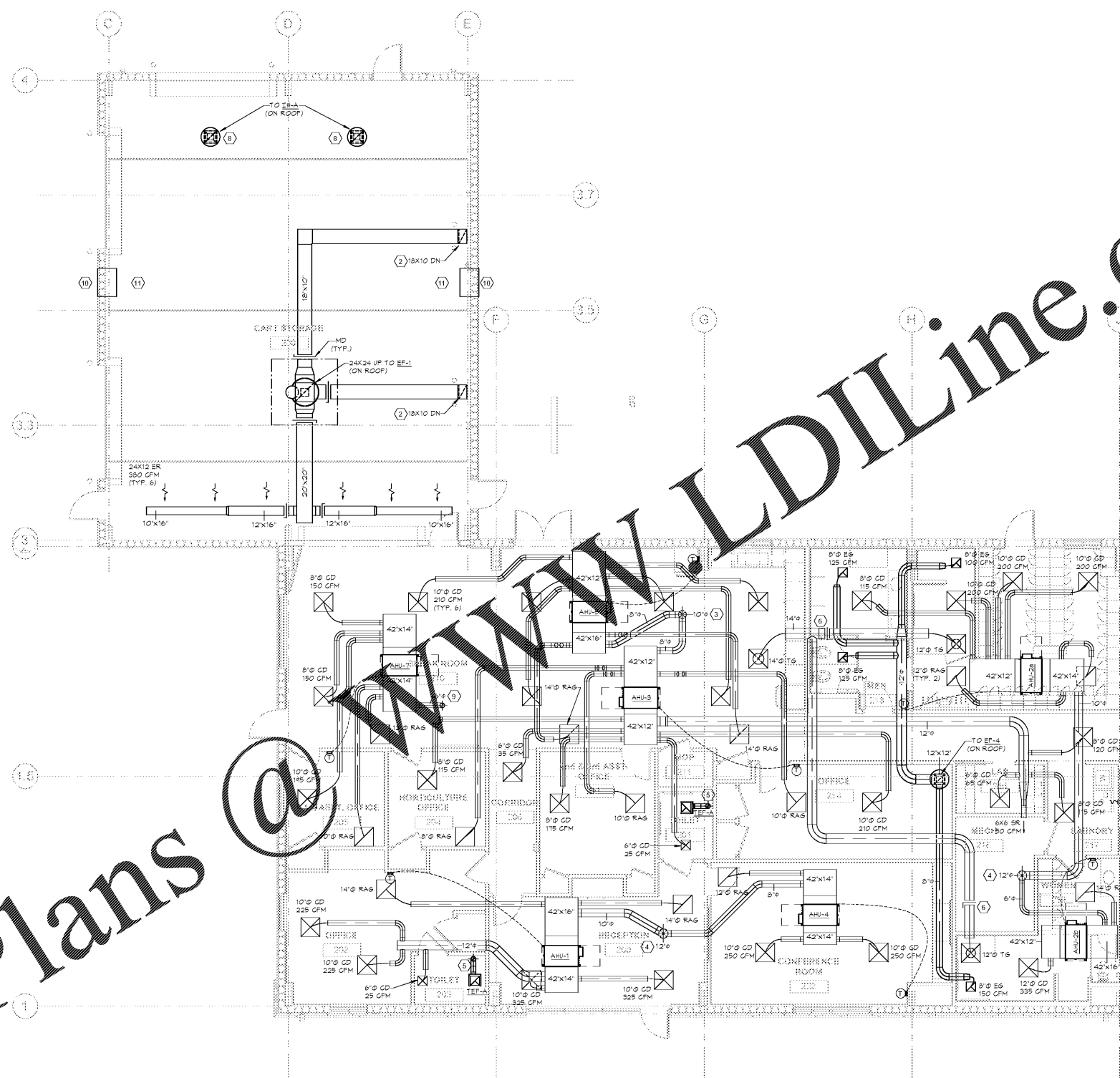
REVISIONS:

No.	Description	Date

PROJECT: 9600-197950
DATE: 19 JUNE 2020
DRAWN BY: NPD
CHECKED BY: BJR

**PHASE 2
FLOOR PLAN -
MECHANICAL**

M-102



Order Plans

1 1ST FLOOR - PHASE 2 - MECHANICAL
M-102 3/16" = 1'-0"

KEY NOTES
(APPLY TO THIS SHEET ONLY)

- 1 PROVIDE 12X12 ER LOCATED 12" MIN AFF AT BASE OF DUCT. BALANCE TO 370 CFM.
- 2 PROVIDE 16X18 ER LOCATED 12" MIN AFF AT BASE OF DUCT. BALANCE TO 1,140 CFM.
- 3 ROUTE 10" DUCT UP THROUGH ROOF TO WEATHER PROOF INTAKE HOOD. HOOD SHALL HAVE 1.0 SQ.FT. OF FREE AREA. PROVIDE WITH BIRDS SCREEN. LOCATE 10'-0" MIN. AWAY FROM ANY EXHAUST OUTLET.
- 4 ROUTE 12" DUCT UP THROUGH ROOF TO WEATHER PROOF INTAKE HOOD. HOOD SHALL HAVE 1.5 SQ.FT. OF FREE AREA. PROVIDE WITH BIRDS SCREEN. LOCATE 10'-0" MIN. AWAY FROM ANY EXHAUST OUTLET.
- 5 ROUTE 8" TOILET EXHAUST DUCT UP THROUGH ROOF. PROVIDE WITH WEATHERPROOF CAP.
- 6 PROVIDE RESTROOM MAKE-UP AIR DUCT WITH BACKDRAFT DAMPER TO ENSURE AIR DOES NOT RETURN FROM RESTROOM TO BREAK ROOM.
- 7 ROUTE DRYER EXHAUST DUCT TO EXTERIOR WALL. COORDINATE SIZE AND INSTALLATION WITH MANUFACTURER'S RECOMMENDATIONS. REFER TO DETAIL TM-002.
- 8 EXTEND DUCT FULL SIZE OF OPENING 1/2" BELOW STRUCTURE. TRANSITION AS REQUIRED. COVER DUCT OPENING WITH 1/2"X1/2" WELDED WIRE MESH. COORDINATE FINAL LOCATION OF FAN/INTAKE HOOD WITH STRUCTURE.
- 9 ROUTE 6" DUCT UP THROUGH ROOF TO WEATHER PROOF INTAKE HOOD. HOOD SHALL HAVE 1.0 SQ.FT. OF FREE AREA. PROVIDE WITH BIRDS SCREEN. LOCATE 10'-0" MIN. AWAY FROM ANY EXHAUST OUTLET.
- 10 PROVIDE ADD/ALTERNATE PRICING FOR 30X36 INTAKE LOUVER WITH 24" DEEP PLENUM. PLENUM SHALL HAVE 12" ROUND FLEXIBLE DUCT CONNECTION WITH DAMPER FOR FUTURE MOVING CLIMATE PRO X26 CONDENSER EXHAUST. PROVIDE LOUVER WITH BIRDS SCREEN.
- 11 PROVIDE ADD/ALTERNATE PRICING FOR 12" ROUND EXHAUST HOOD LOCATED ON ROOF. STUB 12" ROUND DUCT DOWN 24" FROM BOTTOM OF ROOF AND PROVIDE WITH DAMPER. PROVIDE HOOD WITH BIRDS SCREEN.