





**1 LOWER LEVEL MECHANICAL PLAN**

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

0 2 4 6 16 32

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**MECHANICAL DETAIL NOTES:**

- EXISTING 20" X 16" SUPPLY AIR DUCT FROM ROOFTOP UNIT NO. 1. REFER TO SHEET M.L.1 FOR CONTINUATION.
- EXISTING 20" X 16" SUPPLY AIR DUCT FROM ROOFTOP UNIT NO. 2. REFER TO SHEET M.L.1 FOR CONTINUATION.
- EXISTING 48" X 16" RETURN AIR DUCT UP TO ROOFTOP UNITS NO. 1 AND 2. REFER TO SHEET M.L.1 FOR CONTINUATION.
- EXISTING KITCHEN HOOD AND ASSOCIATED 12" Ø EXHAUST DUCT SHALL BE REMOVED. PATCH OPENING IN FLOOR ABOVE. REFER TO SHEET M.L.1 FOR CONTINUATION.
- EXISTING 12" X 10" EXHAUST DUCT SHALL BE REMOVED UP THROUGH FLOOR AND CAPPED AT CEILING LINE OF FLOOR ABOVE. DUCT SERVES EXISTING RESTROOM EXHAUST FOR FLOOR ABOVE AND CONTINUES UP TO ROOF-MOUNTED EXHAUST FAN. REFER TO SHEET M.L.1 FOR CONTINUATION.
- EXISTING GAS REFRIGERATE FLUE SHALL BE REMOVED IN ITS ENTIRETY, UP THROUGH ROOF AND INCLUDING ROOF CAP. PATCH EXISTING OPENINGS IN FLOOR AND ROOF. REFER TO SHEET M.L.1 FOR CONTINUATION. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON THE REFRIGERATE REMOVAL.
- REMOVE EXISTING 6" X 8" EXHAUST DUCT THAT TERMINATES ABOVE CEILING OF LOWER LEVEL AND CONTINUES UP TO ROOF. FINISH OPENING IN FIRST FLOOR AND ROOF TO 12" X 12" TO ACCOMMODATE NEW EXHAUST DUCT. TERMINATE NEW EXHAUST DUCT WITH ROOF CAP A MINIMUM OF 18" ABOVE ROOF LINE. REFER TO SHEET M.L.1 FOR CONTINUATION.
- REMOVE ALL EXISTING SUPPLY DIFFUSERS AND RETURN AIR GRILLES AND REPLACE WITH NEW. REFER TO MECHANICAL LEGEND ON SHEET M.L.1.
- EXISTING FIRE SPRINKLER HEAD SHOWN FOR CLARIFICATION ONLY. VARIOUS SPRINKLER HEADS WILL REQUIRE RELOCATION DUE TO REMODEL. REFER TO FIRE PROTECTION NOTES ON SHEET M.L.1.

**MECHANICAL EQUIPMENT LIST:**

- EE-1 NEW COOK MODEL GC 520 EXHAUST FAN CAPABLE OF 300 ALTITUDE CFM AT 0.50" S.P.. FAN SHALL BE PROVIDED WITH BACKDRAFT DAMPER. 120V/1Ø/60HZ, 172 WATTS, 1205 RPM. FAN SHALL BE CONTROLLED BY LIGHT SWITCH. (TYP. FOR 2 RESTROOMS THIS LEVEL).

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LOWER LEVEL MECHANICAL PLAN	
PROJECT DIRECTOR	SRH
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