



**NOT FOR  
CONSTRUCTION**

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SCALE: 3/16" = 1'-0"

REVISION SCHEDULE		
No.	Description	Date

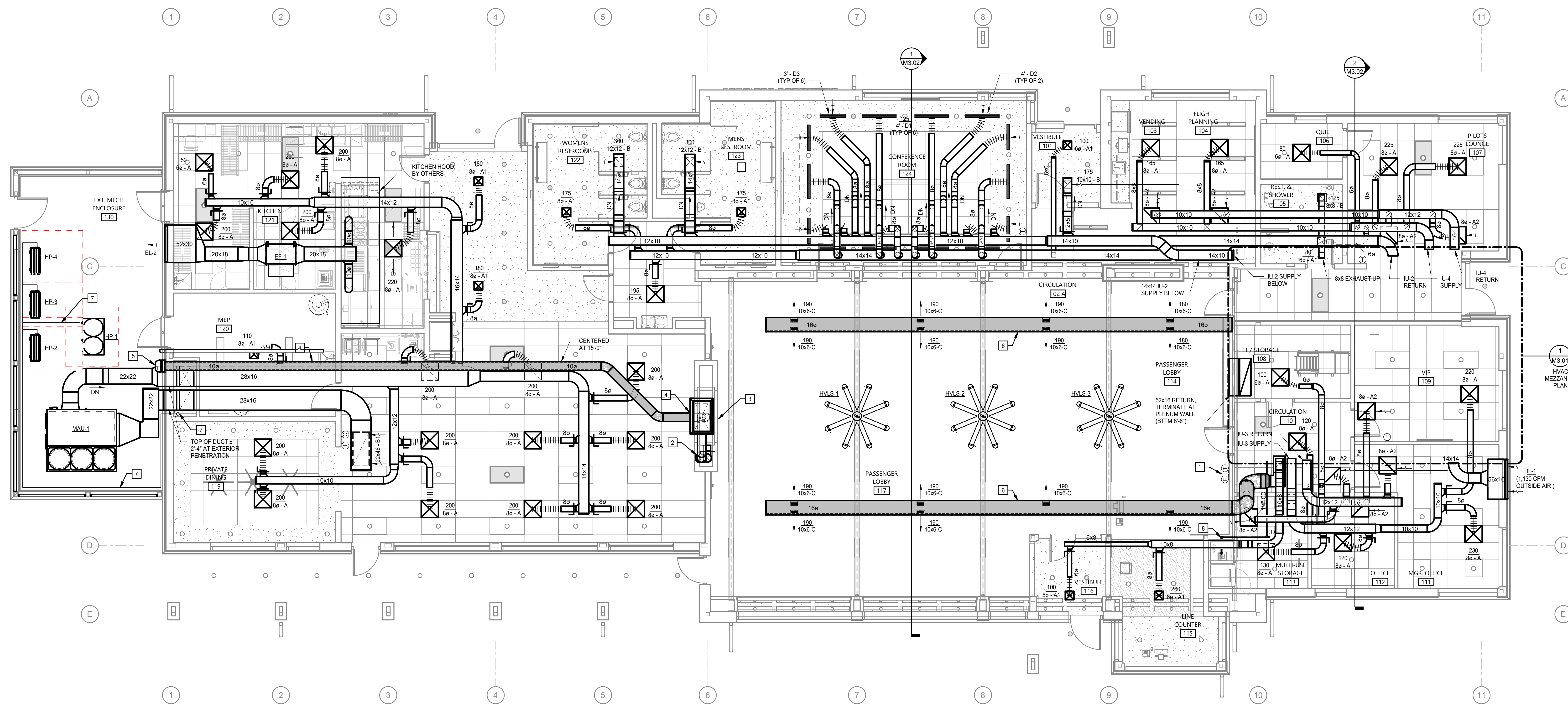
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**SHEET:  
MECHANICAL -  
DUCTWORK PLAN**

PLAN DIRECTION  
AS INDICATED  
DASHED  
ARROW IS TRUE  
NORTH

**M1.01**

- PLAN REFERENCE NOTES**
- 1 WALL MOUNTED THERMOSTAT FOR UNITS IU-3A & IU-3B. WALL MOUNTED FAN CONTROLLER FOR HVLS-1, HVLS-2 & HVLS-3
  - 2 PROVIDE 10" INTAKE TO FIREPLACE AND FIREPLACE INTAKE DAMPER PROVIDED WITH FIREPLACE. TRANSITION TO 12" AFTER GOING VERTICAL AND ROUTE TO ROOF FOR CONNECTION TO ROOFTOP LOUVERED PENTHOUSE.
  - 3 PROVIDE LOUVERED PENTHOUSE, GREENHECK MODEL WIH-18x36. CENTER LOUVERED PENTHOUSE ON ROOF ABOVE FIREPLACE. COORDINATE WITH ARCHITECT.
  - 4 PROVIDE 10" ONE-INCH DOUBLE WALL B-VENT EXHAUST DUCTWORK FROM FIREPLACE CONNECTION TO SIDEWALL EXHAUST FAN CONNECTION. ROUTE CENTER HEIGHT OF DUCTWORK AT 15'-0" AFF.
  - 5 FIREPLACE EXHAUST FAN FURNISHED BY FIREPLACE SUPPLIER. INSATLL CENTERED AT 15'-0" AFF. INSTALL FAN PER MANUFACTURERS WRITTEN INSTRUCTIONS. INTERLOCK TO FAN OPERATIONS.
  - 6 INSTALL DOUBLEWALL SUPPLY DUCTWORK CENTERED AT 20'-0" IN PASSANGER LOBBY. COORDINATE EXACT POSITION WITH ARCHITECT.
  - 7 REFRIGERANT PIPING AND CONTROL WIRING BETWEEN INDOOR UNITS AND OUTDOOR UNITS TO BE ROUTED AROUND THE PERIMETER OF THE MECHANICAL ENCLOSURE. NEATLY AND ORGANIZED. EACH PIPING SET SHALL NOT BE LINE SETS, BUT SHALL BE FIELD INSTALLED BRAZED ACR COPPER WITH FITTINGS FOR CHANGES IN DIRECTION. AT THE EXTERIOR, MOUNT PIPING TO THE INSIDE OF THE ENCLOSURE WALL BELOW THE LOUVER PORTION OF THE WALL. ROUTE INTO BUILDING AT GENERALLY THE SAME ELEVATION AS THE DUCTWORK AS INDICATED. ROUTE INTERIOR PIPING CONCEALED ABOVE CEILINGS FROM THE ENTRANCE TO THE MECHANICAL PLATFORM. BOTH THE REFRIGERANT LIQUID AND GAS SHALL BE INSULATED. ENSURE INSULATION IS CONTINUOUS THROUGH SUPPORTS AND BUILDING ENTRANCE FROM INDOOR TO OUTDOOR UNIT.
  - 8 ROUTE 1-1/4" CONDENSATE DRAIN DOWN IN WALL, OUT BELOW ICE MAKER AND DISCHARGE INDIRECT INTO FLOOR SINK.



**1 MECHANICAL LEVEL 1 FLOOR PLAN**  
SCALE: 3/16" = 1'-0"

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