



LEVEL 1 - HVAC PIPING PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. INSTALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS SO THAT ACCESS IS PROVIDED AS REQUIRED BY INSTALLATION MANUAL.
2. SEE DRAWING SHEET M4.1 FOR HVAC SCHEDULES AND LEGEND.
3. ALL PIPING TO BE INSTALLED ABOVE CEILING. COORDINATE PIPING TO AVOID CONFLICTS WITH STRUCTURE, LIGHTING FIXTURES AND ELECTRICAL CONDUIT/CABLING.
4. PROTECT ALL MATERIALS AND EQUIPMENT FROM DAMAGE. SEAL ENDS OF OPEN PIPING DURING CONSTRUCTION TO PREVENT ENTRY OF DUST & DEBRIS.

KEY NOTES

- ① VRV REFRIGERANT PIPING IN CEILING. EXTEND LIQUID LINE, HOT GAS AND VAPOR RETURN FROM OUTDOOR UNITS ON ROOF TO BRANCH SELECTORS. PROVIDE TWO REFRIGERANT LINES TO FAN COIL UNIT. SIZES PER MANUFACTURER.
- ② BRANCH SELECTOR UNIT (TYPICAL).
- ③ REFRIGERANT PIPING UP THROUGH PENETRATION IN SECOND LEVEL FLOOR SLAB. SEE SHEET M2.5 FOR CONTINUATION OF PIPING.
- ④ GROUND LOOP WATER PIPING ABOVE CEILING. EXTEND PIPING UP TO SECOND FLOOR. SEE SHEET M2.5 FOR CONTINUATION OF PIPING.
- ⑤ VRV FAN COIL UNIT ABOVE CEILING (TYPICAL). EXTEND CONDENSATE DRAIN PIPING TO CLOSEST PLUMBING HUB DRAIN OR JANITOR CLOSET.

DRAWING TITLE:

LEVEL 1 HVAC PIPING PLAN

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M2.4