



1
M-4 UPPER LEVEL FLOOR PLAN - MECHANICAL
SCALE: 1/4"=1'-0"

GENERAL NOTES:

1. COORDINATE EXACT LOCATIONS OF ALL GRILLES AND DIFFUSERS WITH ARCHITECTURAL DRAWINGS AND CONFIRM ON SITE.
2. CO-ORDINATE ALL TRADES SO AS TO MINIMIZE CONFLICTS.
3. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL BASEBOARD HEATERS, FORCE FLOW HEATERS AND UNIT HEATER.
4. PROVIDE FIRE STOPPING ON PIPE FIRE SEPARATION PENETRATIONS.
5. PROVIDE PLUMBING VENTING SYSTEM AS PER MANITOBA PLUMBING CODE.
6. REFER TO PIPING HOOK-UP SCHEDULE FOR PIPING SIZES AND TEMPER WATER CONNECTION REQUIREMENTS TO INDIVIDUAL FIXTURES.
7. PROVIDE 1.0 HOUR FIRE STOPPING ON ALL PIPES PENETRATING FIRE RATED CEILING AND WALLS.
8. REFER TO HVAC EQUIPMENT SPECIFICATION ON M-6 FOR MECHANICAL UNIT SCHEDULE.

DRAWING NOTES:

- 1 WALL CAP WITH BIRD SCREEN AND BACKDRAFT DAMPER (TYPICAL).
- 2 HANG HRV UNIT AT HIGH LEVEL. PROVIDE CONDENSATE DRAIN TO NEARBY DRAIN LINE. FIELD CONFIRM.
- 3 FULL HEIGHT SUPPLY AND RETURN GRILLES. ONE ON TOP OF EACH OTHER. PAINT COLOR TO ARCHITECT CHOICE. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
- 4 PROVIDE FULL SIZE SUPPLY AIR DUCT PLENUM, SAME AS SUPPLY AIR GRILLE SIZE. FIELD CONFIRM.
- 5 HANG ELECTRICAL FURNACE AT HIGH LEVEL, INTERLOCK HRV-1 WITH FU-1 BLOWER.
- 6 EXHAUST DUCT FROM LOW LEVEL.
- 7 PROVIDE DRAIN PAN UNDER DHWT-1. PROVIDE DIRECT DRAIN LINE TO MP-1 BELOW.

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UPPER LEVEL FLOOR
PLAN - MECHANICAL

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