

GENERAL NOTES:

- CONFORM TO NATIONAL PLUMBING CODE AND ALL LOCAL CODES AND AUTHORITY HAVING JURISDICTION FOR DESIGN, SUPPLY AND INSTALLATION OF PLUMBING AND VENT SYSTEM. VENT CONCEALED INSIDE WALLS ACCORDING TO CODE.
- EQUIPMENT LOCATIONS, DUCT, AND PIPE ROUTING INDICATED ON THE DRAWINGS IS APPROXIMATE ONLY. CONFIRM IN THE FIELD. REROUTE DUCTWORK AND PIPING AS REQUIRED TO ELIMINATE FIELD INTERFERENCES. WITH BUILDING STRUCTURES, ELECTRICAL, ETC. CONFIRM CHANGES WITH CONTRACT ADMINISTRATOR. COORDINATE WORK WITH ALL SUBTRADES. WHERE DIMENSIONS ARE INDICATED FOR PIPING, DUCTWORK, DUCT SIZES, EQUIPMENT SIZES, ETC. THESE ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING EQUIPMENT AND COMMENCING INSTALLATION WITHOUT EXTRA CHARGES TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE ALL EQUIPMENT, DUCTWORK, AND PIPING FITS IN THE SPACE AVAILABLE AND TO MAINTAIN THE GENERAL DESIGN INTENT FOR THE SYSTEMS.
- CONFIRM ADEQUATE PIPE SLOPE EXISTS FOR DRAINAGE PIPING. SLOPE DRAINAGE PER NATIONAL PLUMBING CODE.
- PROVIDE TRAP PRIMERS FOR ALL NEW FLOOR DRAINS.
- INSULATE DOMESTIC HOT WATER (DHW), DOMESTIC COLD WATER (DCW) AND DOMESTIC HOT WATER RECIRC (DHW) PIPING. RUN PIPING IN CEILING SPACE AND DROP DOWN INSIDE PLUMBING WALLS.
- PROVIDE ALL CUTTING AND PATCHING REQUIRED FOR PIPING. FIRE SEAL ANY PIPING PENETRATING FIRE SEPARATIONS (REFER TO ARCHITECTURAL).
- PROVIDE SHUT-OFF VALVES AT ALL MAINS FOR EACH ROOM, FIXTURES, WATER TANKS, WATER METER AND WATER HAMMER ARRESTERS AT ENDS OF ALL PIPE RUNS.
- REFER TO DRAWING M301 FOR DOMESTIC WATER PIPING SCHEMATIC.
- REFER TO ARCHITECTURAL DRAWINGS (DETAIL 4 ON A556) FOR PLUMBING VENT ROOF PENETRATION DETAIL.

KEYNOTES:

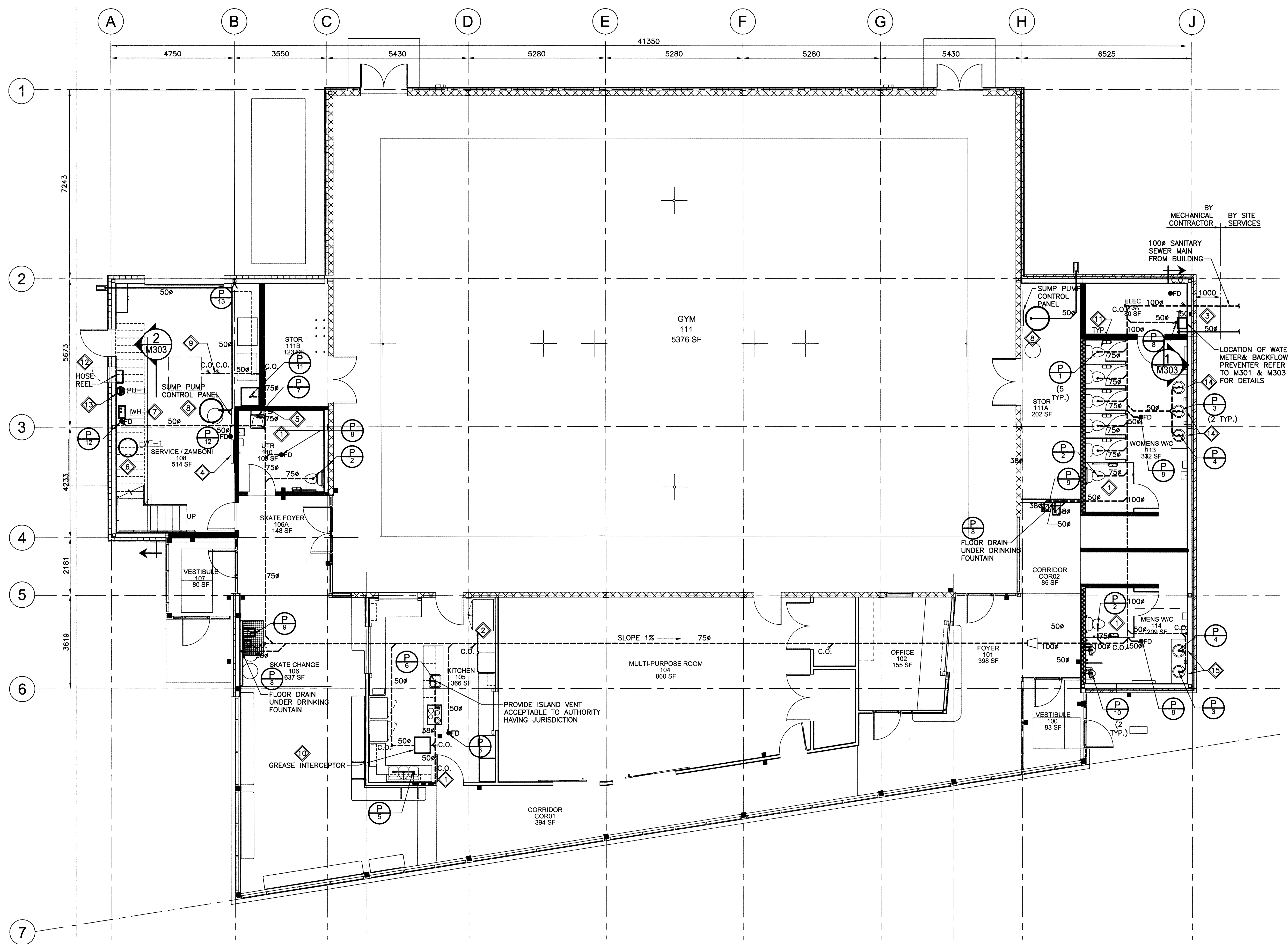
- MECHANICAL CONTRACTOR TO CO-ORDINATE TIE-IN WITH SITE SERVICES.
- INSTALL NEW PLUMBING FIXTURES AS SHOWN. PROVIDE DOMESTIC WATER AND DRAIN CONNECTIONS (TYP.)
- INSTALL NEW RPP BFP ON WALL. CONFIRM INSTALLATION HEIGHT WITH AUTHORITY HAVING JURISDICTION. PIPE AIR GAP FITTING TO FLOOR FLOOR DRAIN.
- 75# RISER UP TO MEZZANINE.
- PROVIDE DOMESTIC WATER AND DRAINAGE CONNECTIONS FOR THE DISHWASHER.
- SUPPLY AND INSTALL NEW HOT WATER TANK ON CONCRETE HOUSEKEEPING PAD. PROVIDE NATURAL GAS PIPING. PIPE DRAINS TO NEAREST FUNNEL FLOOR DRAIN. VENT UNIT THROUGH SIDE WALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- SUPPLY AND INSTALL INSTANTANEOUS HOT WATER HEATERS ON WALL. PROVIDE ALL PIPING CONNECTIONS TO WATER AND GAS SERVICES. PIPE DRAINS TO NEAREST FUNNEL FLOOR DRAIN. VENT UNIT THROUGH SIDE WALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- SUPPLY AND INSTALL NEW GREASE INTERCEPTOR IN FLOOR. PROVIDE ALL PIPING CONNECTIONS. COORDINATE WITH STRUCTURAL FOR FLOOR PENETRATION.
- SHIM TOILET AS REQUIRED TO ENSURE TOILET IS LEVEL. FLOOR IS SLOPED TOWARDS DRAIN (TYP.).
- SUPPLY AND INSTALL NEW WALL MOUNTED HOSE REEL WHERE SHOWN. CONNECT HOSE TO COLD WATER PIPING FROM BEP-2 (RPP). INSTALL HOSE GUIDES WHERE REQUIRED TO ENSURE HOSE DOES NOT DAMAGE.
- SUPPLY AND INSTALL NEW CIRCULATION PUMP PU-1 FOR DOMESTIC WATER RECIRCULATION. MOUNT TO WALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS. PROVIDE PIPING CONNECTIONS.
- RUN DRAIN PIPING INTO FLOOR BEHIND MODESTY PANEL. DO NOT RUN IN OUTSIDE WALL. REFER TO ARCHITECTURAL FOR MODESTY PANEL DETAILS. RUN DOMESTIC WATER PIPING DOWN WALL SEPARATING ELECTRICAL ROOM AND WOMAN'S WC. RUN ACROSS WALL UNDER SINK COUNTERTOPS. FURRING OUT OF PIPING BETWEEN WALL & COUNTERTOP IS BY ARCHITECTURAL.
- RUN DOMESTIC WATER PIPING IN PLUMBING CHASE IN SOUTHWEST CORNER. REFER TO ARCHITECTURAL FOR LOCATION & SIZE OF PLUMBING CHASE.

LEGEND:

- UNDER FLOOR OR BURIED PIPING
- ABOVE FLOOR PIPING
- ▲ PIPE REDUCER
- c.o. | CLEAN OUT

LEGEND: (CONT'D.)

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|------|---------------------------|-------|------------------------------------|-------|--------------------|
| (P1) | WATER CLOSET | (P6) | HANDWASH SINK | (P11) | MOP SINK |
| (P2) | BARRIER FREE WATER CLOSET | (P7) | BARRIER FREE WALL MOUNTED LAVATORY | (P12) | FUNNEL FLOOR DRAIN |
| (P3) | LAVATORY | (P8) | FLOOR DRAIN | (P13) | INTERIOR HOSE BIBB |
| (P4) | BARRIER FREE LAVATORY | (P9) | DRINKING FOUNTAIN (REFRIGERATED) | | |
| (P5) | KITCHEN SINK | (P10) | URINAL | | |



1 MAIN FLOOR PLAN - PLUMBING
 SCALE: 1:75mm (24"x36")
 N.T.S. (11"x17")

