DRAWING NOTES

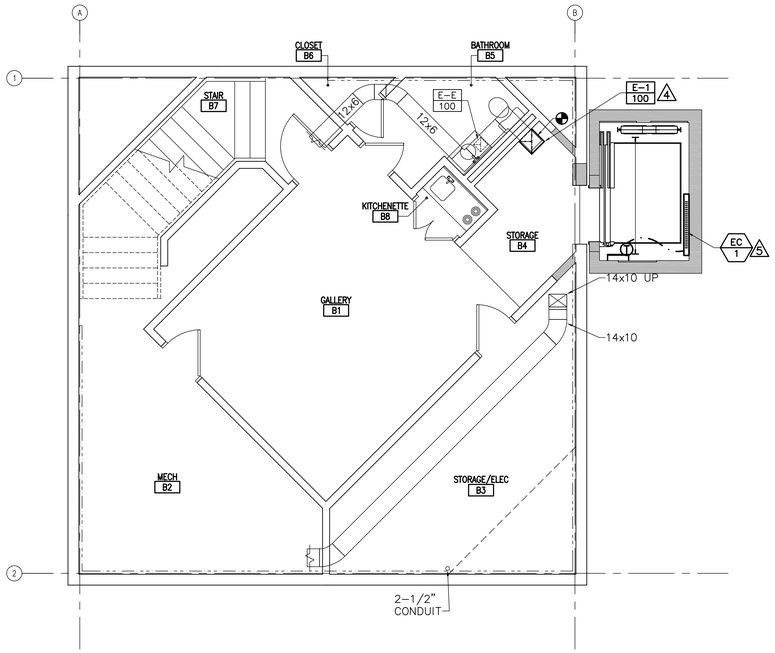
1. FIRE PROTECTION SYSTEM WORK SHALL BE PERFORMED BY A LICENSED NICET PROFESSIONAL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL FIRE PROTECTION CODES. WRITTEN NOTICE OF INTENT TO TEMPORARILY SHUTDOWN THE FIRE PROTECTION SYSTEM SHALL BE PROVIDED TO THE OWNER AT LEAST 7 DAYS BEFORE SCHEDULED DATE. THE SHUTDOWN OF THE FIRE PROTECTION SYSTEM SHALL BE COORDINATED WITH THE OWNER.
2. FIRE SEAL MECHANICAL, PLUMBING AND FIRE PROTECTION SYSTEM WALL PENETRATIONS.

DRAWING KEYNOTES

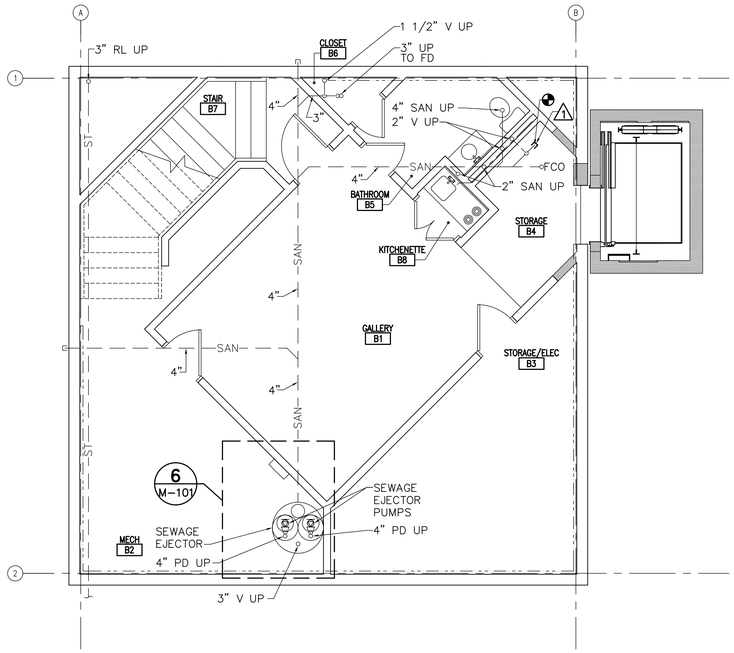
1. CAP WC SANITARY CONNECTION UNDER SLAB. REFER TO ARCH DRAWINGS FOR SLAB INFILL DETAILS.
2. CAP SANITARY AND DOMESTIC WATER PIPING OPENINGS FOR THE LAVATORY AND WATER CLOSET BACK WITHIN THE WALL CAVITY. REFER TO ARCHITECTURAL DRAWINGS FOR WALL PATCHING.
3. REPOSITION HALON SYSTEM CEILING DIFFUSER HEAD WITH THE CHANGE IN CEILING ELEVATION.
4. PROVIDE EXHAUST REGISTER AND DUCT EXTENSION DOWN TO EXHAUST REGISTER.

DRAWING KEYNOTES (CONTINUED)

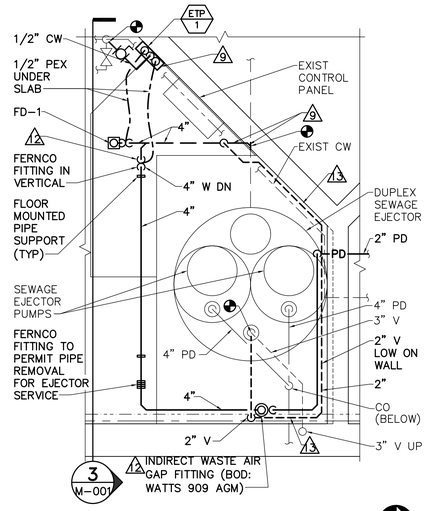
5. PROVIDE ELECTRIC RESISTANCE CONVECTOR HEATER POSITIONED 3 FEET ABOVE HOISTWAY FLOOR LEVEL. A REMOTE THERMOSTAT SHALL BE PROVIDED WITH AN INSULATED BACKER POSITIONED 6 FEET ABOVE HOISTWAY FLOOR LEVEL.
6. PROVIDE FROST PROOF WALL HYDRANT POSITIONED AS HIGH AS FEASIBLE ABOVE OUTDOOR GROUND LEVEL WITH A DOMESTIC WATER CONNECTION THROUGH THE EXPOSED BASEMENT WALL. CONDITIONS THAT LIMIT THE WALL HYDRANT TO LESS THAN 12 INCHES ABOVE GROUND LEVEL SHALL REQUIRE NOTIFICATION AND APPROVAL BY THE OWNER PRIOR TO THE INSTALLATION.
7. PROVIDE INSULATED DUCTWORK AS NEEDED TO REPLACE PORTIONS REMOVED FOR ELEVATOR INSTALLATION. MATCH INSULATION TYPE AND THICKNESS FOUND ON EXISTING CONCEALED SUPPLY DUCTWORK.
8. RE-INSTALL FIRE PROTECTION SYSTEM PIPING TEMPORARILY DISCONNECTED TO PERMIT CONSTRUCTION AND INSTALLATION OF ELEVATOR. REPLACE FIRE PROTECTION SYSTEM PIPING DAMAGED DURING CONSTRUCTION. PRESSURE TEST FIRE PROTECTION SYSTEM PIPING IN ACCORDANCE WITH NFPA REQUIREMENTS.
9. PROVIDE FLOOR SINK WITH 4" DRAIN PIPE. EXTEND EXIST CONDENSATE DRAIN PIPES (5 TOTAL) TO DRAIN DIRECTLY INTO THE FLOOR SINK. EXTEND ELEVATOR SUMP PUMP DISCHARGE PIPE DOWN TO WITHIN 1 INCH OF BUILT-IN FUNNEL ON FLOOR SINK.
10. PUMP DISCHARGE PIPING TO BE LOCATED IN CEILING CAVITY OF ELEVATOR ENTRY B4. COORDINATE PIPING PATH THROUGH ELEVATOR HOISTWAY TO INSURE COMPLIANCE WITH ELEVATOR CLEARANCE REQUIREMENTS.
11. PIPING TO BE PROVIDED EXPOSED BELOW CEILING IN THE STORAGE/ELECTRONIC ROOM B3 AND MECH ROOM B2.
12. PROVIDE AIR GAP FITTING CONNECTION BETWEEN 2 INCH PUMPED DISCHARGE PIPE AND 4 INCH WASTE STAND PIPE.
13. PROVIDE 2" VENT FOR PUMPED DISCHARGE WASTE STAND PIPE. RUN ABOVE GROUND VENT PIPING LOW ALONG WALL TO AVOID EXISTING WALL MOUNTED EQUIPMENT. INSURE PIPE INSTALLATION DOES NOT INTERFERE WITH SERVICE CLEARANCE NEEDS FOR EXISTING EQUIPMENT. CONNECT VENT TO EXISTING SEWAGE EJECTOR PIT VENT.
14. COORDINATE PLACEMENT OF OIL MINDER CONTROL PANEL WITH OWNER AND ELECTRICAL CONTRACTOR.
15. POSITION PUMPED DISCHARGE PIPING TO AVOID PASSING DIRECTLY OVER EXISTING WALL MOUNTED ELECTRICAL POWER PANEL.
16. PROVIDE REMOTE OIL AND HIGH LIQUID ALARMS FOR OIL DETECTION CONTROL AND PUMP SYSTEM. COORDINATE INSTALLATION LOCATION WITH OWNER.



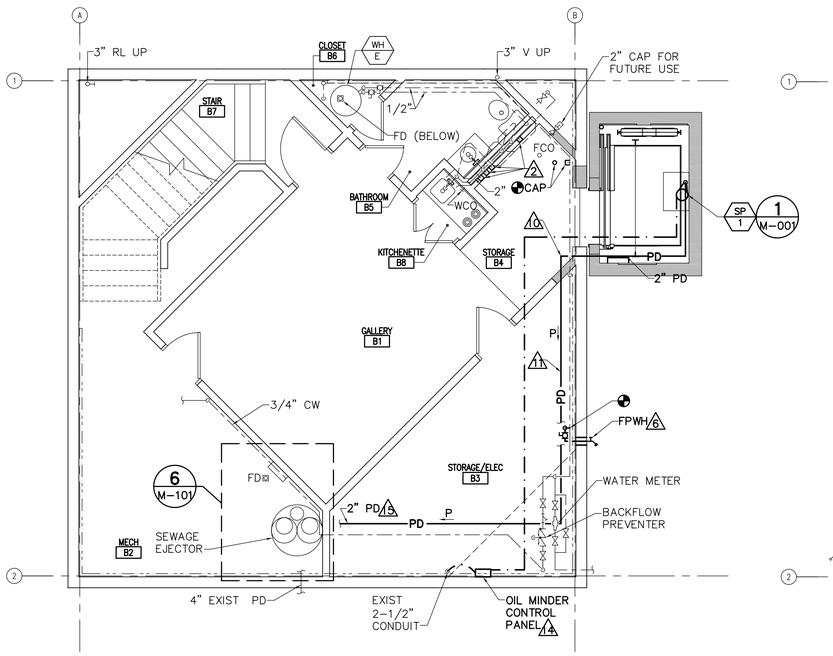
1 BASEMENT MECHANICAL DUCTWORK PLAN
M-101 SCALE: 1/4"=1'-0"



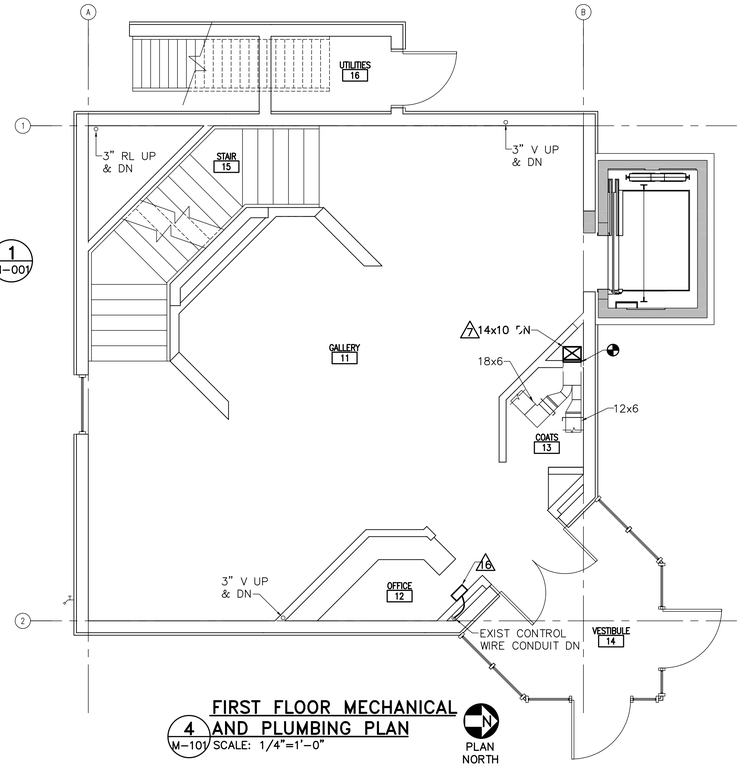
2 UNDERSLAB PLUMBING PLAN
M-101 SCALE: 1/4"=1'-0"



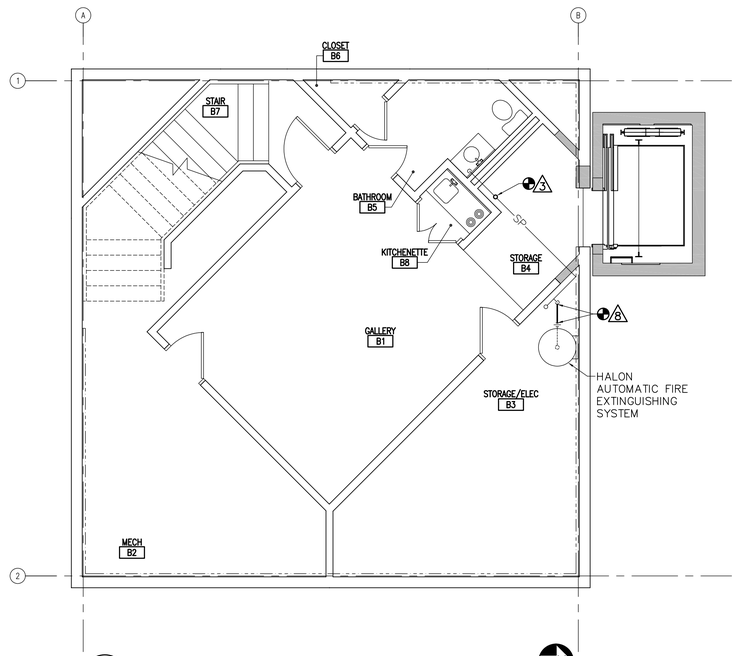
6 SEWAGE EJECTOR PIPING DETAIL
M-101 NOT TO SCALE



3 BASEMENT PLUMBING PLAN
M-101 SCALE: 1/4"=1'-0"



FIRST FLOOR MECHANICAL AND PLUMBING PLAN
M-101 SCALE: 1/4"=1'-0"



5 BASEMENT FIRE PROTECTION PIPING PLAN
M-101 SCALE: 1/4"=1'-0"

GRAPHIC SCALE
4' 2' 0 4' 8'
1/4"=1'-0"
CHECK GRAPHIC SCALE BEFORE USING

29 Mar, 2017 - 9:58am
C:\dfile\21602.16-M101.dwg

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DRAWN BY: RDA
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PORTLAND CAMPUS
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MECHANICAL, PLUMBING AND FIRE PROTECTION PLANS

SCALE: AS NOTED
DATE: 3-29-17

DWG.# M-101

SHEET: 21 OF 26