



1 PLUMBING FLOOR PLAN
 P101 1/8" = 1'-0"



PLAN NOTES:

- 1 EXISTING ROOF DRAIN OR OVERFLOW DRAIN TO REMAIN. PROTECT DURING CONSTRUCTION.
- 2 EXISTING ROOF DRAIN OR OVERFLOW DRAIN PIPING NEAR ROOF TO REMAIN. PROTECT EXISTING PIPING DURING CONSTRUCTION AND MAINTAIN CONNECTION TO EXISTING DRAINS IN ROOF AND WALL FLANGE IN EXTERIOR WALL.
- 3 EXISTING ROOF DRAIN PIPING DOWN NEAR COLUMN OR WALL TO REMAIN. PIPING TO BE PROTECTED DURING CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR ANY CHASE WALLS AROUND PIPING. PROVIDE CLEANOUT EXTENSION AS REQUIRED FOR ANY NEW WALLS AROUND EXISTING PIPING.
- 4 EXISTING FLOOR DRAIN OR FLOOR SINK TO REMAIN. COVER EXISTING DRAIN TO KEEP CLEAN. PROTECT DRAIN AND VENT PIPING DURING CONSTRUCTION. MAINTAIN ANY EXISTING COLD WATER PIPING TO TRAP PRIMER AND/OR ANY FLOOR CLEAN OUT ASSOCIATED WITH DRAIN OR FLOOR SINK.
- 5 EXISTING PLUMBING FIXTURE TO REMAIN. DISCONNECT AND REMOVE AS REQUIRED FOR NEW WALL AND/OR FLOOR FINISHES AND REINSTALL AFTER FINISH WORK IS COMPLETE. PROVIDE NEW P-TAP AND STOPS FOR EXISTING FIXTURE.
- 6 EXISTING VENT THRU ROOF TO REMAIN. DISCONNECT ALL EXISTING VENT PIPING BELOW ROOF TO EXISTING FIXTURES. REFER TO NEW VENT PIPING TO BE CONNECTED TO EXISTING VENT THRU ROOF. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING VTR.
- 7 EXISTING VENT PIPING ABOVE CEILING TO REMAIN. FIELD VERIFY EXACT LOCATIONS AND PROTECT DURING CONSTRUCTION.
- 8 PROVIDE AND INSTALL NEW EMERGENCY SHOWER AND EYE WASH AS SPECIFIED. RISE 1 1/2" COLD AND 3/4" HOT WATER LINES UP AND CONNECT TO EXISTING WATER PIPING NEAR ROOF. PROVIDE TEMPERING VALVE AT TOP OF SHOWER. FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING PIPING. SHOWER DRAIN TO RUN ON FLOOR TO NEARBY FLOOR DRAIN. REFER TO DETAIL EP301 FOR TYPICAL INSTALLATION.
- 9 RUN NEW HOT AND COLD WATER LINES ABOVE CEILING TO EXISTING FIXTURES. FIELD VERIFY EXACT LOCATIONS AND SIZES OF EXISTING PIPING IN WALL AND PROVIDE NEW FITTINGS AS REQUIRED FOR CONNECTION.
- 10 EXISTING FIRE RISER ASSEMBLY AND ALARM VALVE TO REMAIN. PROTECT PIPING, DRAIN LINE AND FIRE DEPARTMENT CONNECTION DURING CONSTRUCTION. ENTIRE BUILDING IS FIRE SPRINKLED. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE TO ENSURE PROPER WATER PRESSURE TO BUILDING FOR NEW AND EXISTING HEADS AS PER CODE REQUIREMENTS.
- 11 EXISTING COLD WATER LINE TO REMAIN. PROTECT PIPING DURING CONSTRUCTION AND MAINTAIN CONNECTION TO EXISTING PRESSURE REGULATOR LOCATED IN MEZZANINE MECHANICAL ROOM. REFER TO SHEET P101 FOR NEW FIXTURES TO BE CONNECTED TO EXISTING COLD WATER PIPING. EXISTING HOT WATER PIPING TO BE REMOVED.
- 12 EXISTING COMPRESSED AIR PIPING NEAR ROOF TO REMAIN. PROTECT EXISTING PIPING DURING CONSTRUCTION. CONNECT NEW HOSE REELS AND WALL OUTLETS TO EXISTING PIPING AS SHOWN.
- 13 MOUNT EXISTING (RELOCATED) HOSE REEL TO ROOF STRUCTURE ABOVE NEW WORK STATION. CONNECT RELOCATED REEL TO EXISTING PIPING WITH NEW 3/4" LINE. REFER TO DETAIL FP301 FOR TYPICAL PIPING CONNECTIONS.
- 14 PROVIDE NEW HOSE REEL AS SPECIFIED. MOUNT TO ROOF STRUCTURE ABOVE NEW WORK STATION. CONNECT TO EXISTING PIPING WITH NEW 3/4" LINE. REFER TO DETAIL FP301 FOR TYPICAL PIPING CONNECTIONS.
- 15 PROVIDE NEW WALL MOUNTED HOSE REEL FOR COMPRESSED AIR. MOUNT ON WALL AT 48" ABOVE FLOOR. RISE 1/2" AIR LINE UP AND CONNECT TO NEW OR EXISTING PIPING NEAR ROOF. REFER TO DETAIL BP301 FOR TYPICAL INSTALLATION AND PIPING CONNECTIONS.
- 16 EXTEND EXISTING 1" COMPRESSED AIR LINE INTO AUTOMOTIVE SHOP AND CONNECT TO NEW AIR PIPING. PROVIDE SHUT-OFF VALVE IN LINE INSIDE CHASE CLASSROOM. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING AIR PIPING IN CLASSROOM AND PROVIDE FITTINGS AS REQUIRED FOR CONNECTION.
- 17 RUN NEW COMPRESSED AIR AND COLD WATER PIPING AT 8'-0" ABOVE FLOOR. COORDINATE PIPING WITH OTHER PIPING, ELECTRICAL CONDUITS AND BUILDING STRUCTURE.
- 18 RISE PIPING UP ABOVE OVERHEAD DOORS AS REQUIRED.
- 19 DROP 3/4" COLD WATER LINE DOWN WALL AND CONNECT TO HOSE BIBB. INTERIOR HOSE BIBBS TO BE AT 36" ABOVE FLOOR AND EXTERIOR HOSE BIBBS TO BE 24" ABOVE FINISHED GRADE. REFER TO DETAIL DP301 FOR TYPICAL INSTALLATION.
- 20 RUN NEW 1 1/2" COLD WATER MAIN LINE ACROSS AUTOMOTIVE SHOP THRU ROOF JOISTS. COORDINATE NEW PIPING WITH EXISTING DUCTWORK, OTHER PIPING, ELECTRICAL CONDUITS AND BUILDING STRUCTURE. LINE TO BE PROTECTED WITH BACK-FLOW PREVENTION DEVICE. REFER TO MEZZANINE PLAN ON SHEET M102.
- 21 CONNECT NEW 1 1/2" COLD WATER LINE TO EXISTING 1 1/2" LINE NEAR ROOF. EXTEND NEW PIPING TO FIXTURES AS SHOWN. WATCH EXISTING ELEVATION OF EXISTING PIPING.
- 22 CONNECT NEW 3/4" COLD WATER LINE TO EXISTING 1-1/2" LINE NEAR ROOF. DROP PIPING DOWN WALL TO BELOW NEW FIXTURES AND RUN EXPOSED ON WALL. CONNECT TO NEW FIXTURES AS SHOWN.
- 23 PROVIDE AND INSTALL NEW PLASTER TRAP ON FLOOR. CONNECT TO WASTE LINES FROM (3) SINKS. DROP DISCHARGE WASTE LINE DOWN THRU FLOOR INTO PIPING TUNNEL AND CONNECT TO EXISTING 4" WASTE LINE IN TUNNEL. REFER TO FOUNDATION PLAN ON SHEET P1.0 FOR CONTINUATION OF WASTE PIPING.
- 24 PROVIDE NEW CUSTODIAL SINK AS SPECIFIED. SINK TO BE INSTALLED BELOW EXISTING STAIRS. RISE WATER AND VENT PIPING UP AND OFFSET AS REQUIRED FOR STAIRS. CONNECT HOT AND COLD WATER LINES TO EXISTING WATER PIPING IN MEZZANINE MECHANICAL ROOM. (SEE SHEET M102) RISE 2" VENT UP THRU ROOF TO 3" VTR. DROP 2" WASTE PIPING DOWN THRU FLOOR. REFER TO FOUNDATION PLAN FOR CONTINUATION.
- 25 PROVIDE NEW WASH BASIN FIXTURES AS SPECIFIED. RISE WATER PIPING UP EXPOSED ON WALL AND CONNECT TO EXISTING WATER PIPING IN MEZZANINE MECHANICAL ROOM. (SEE SHEET M102) RISE 2" VENT UP AND CONNECT TO NEW 2" VTR AS SHOWN. DROP 2" WASTE PIPING DOWN THRU FLOOR. REFER TO FOUNDATION PLAN FOR CONTINUATION.
- 26 MINI SPLIT FAN COIL SYSTEM SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR. PLUMBING CONTRACTOR TO ROUGH-IN AND CONNECT 3/8" CONDENSATE DRAIN LINE TO INDOOR UNIT AND RUN TO NEAREST FLOOR DRAIN. COORDINATE DRAIN PIPING WITH OTHER PIPING AND SECURE TO EXISTING WALL. PIPING NOT TO INTERFERE WITH MEZZANINE ACCESS DOORS.
- 27 INDOOR AIR HANDLER SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR. PLUMBING CONTRACTOR TO ROUGH-IN AND CONNECT 1" DRAIN LINE TO COOLING COIL AND DRAIN PAN BELOW UNIT. RUN 1" DRAIN LINE THRU EXTERIOR WALL AND TERMINATE WITH 45 DEGREE ELBOW. DRAIN LINE TO BE LOCATED ABOVE LOWER ROOF AND BE AT LEAST 4" AWAY FROM WALL.
- 28 MANHOLE ACCESS POINTS FOR UNDER GROUND INTERCEPTORS. REFER TO SHEET P101 FOR INTERCEPTOR LOCATIONS AND PIPING CONNECTIONS. REFER TO DETAIL NP301 FOR TYPICAL INSTALLATION.
- 29 RELOCATE EXISTING PLUMBING FIXTURE TO THIS LOCATION. COORDINATE WITH NEW FIXTURES AND CONNECT TO NEW WASTE, WATER, AND VENT PIPING AS SHOWN.
- 30 DROP 1-1/2" WASTE LINE FROM NEW S-1 SINK IN BREAK ROOM AND NEW DF-1 IN HIGH BAY ROOM DOWN THRU FLOOR. REFER TO SHEET P100 FOR CONTINUATION OF PIPING IN PIPE TUNNEL BELOW.
- 31 RELOCATE EXISTING AIR COMPRESSOR TO THIS LOCATION. PROVIDE NEW EXHAUST PIPING TO EXTERIOR OF BUILDING COMPLETE WITH MUFFLER. CONNECT NEW 1 1/4" COMPRESSED AIR LINE TO EXISTING COMPRESSOR AND RUN TO CM LAB AS SHOWN ON PLANS. REFER TO DETAIL EP301 FOR TYPICAL PIPING CONNECTIONS TO COMPRESSOR.