



**1 PLUMBING PLAN - BELOW GRADE**  
1/8" = 1'-0"

- GENERAL NOTES**
- COORDINATE WORK WITH ALL OTHER TRADES ON SITE.
  - COORDINATE ALL BELOW GRADE PIPE ROUTING WITH STRUCTURAL FOUNDATIONS AND REQUIRED PIPE SLEEVES THRU FOUNDATION PENETRATIONS.
  - FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
  - PRIOR TO COMMENCING WORK, COORDINATE WITH SITE CONTRACTOR FOR SANITARY AND STORM SEWER INVERT ELEVATIONS.
  - REFER TO PLUMBING FIXTURE SCHEDULE ON SHEET P601 FOR FIXTURE ROUGH-IN PIPE SIZES.
  - PIPE TRENCHES SHALL HAVE SAND BEDDING TO A MINIMUM POINT 6" ABOVE THE TOP OF PIPE. REFER TO SPECIFICATION SECTION 22 05 00.
  - INSTALL BELOW FLOOR 1/2" CW LINE TYPE K COPPER OR PEX-a FOR TRAP PRIMER TO FLOOR DRAINS. SLOPE LINE CONTINUOUSLY TOWARDS DRAIN. SEE DETAIL 1/P501.
  - INSTALL TRACER WIRE ABOVE NON-METALLIC PIPING BELOW GRADE. COORDINATE WITH SITE CONTRACTOR.

- KEYED NOTES**
- PROVIDE CAST IRON PIPE SLEEVE FOR SANITARY PIPE THRU FOUNDATION WALL. INSTALL FOAM SPACER BLOCKS TO MAINTAIN PIPE IN CENTER OF SLEEVE. COORDINATE PIPE SLEEVE INSTALLATION WITH STRUCTURAL.
  - INSTALL 4" SANITARY BACKWATER VALVE AND 4" EXTERIOR CLEANOUT. PROVIDE CONCRETE PAD AT GRADE. SEE DETAIL 4/P501.
  - ROUTE 2" SANITARY LINE UP TO 2" AFF AND INSTALL 2x4 FITTING FOR HUB DRAIN. COORDINATE INSTALLATION WITH MC. ROUTE TRAP PRIMER LINE TO HUB DRAIN. MC TO ROUTE FURNACE CONDENSATE DRAIN LINES TO HUB DRAIN. SEE DETAIL 1/P501.
  - COORDINATE WITH STRUCTURAL FOR ROUTING SANITARY ABOVE FOOTING AND UP INTO WALL ABOVE.
  - PROVIDE CAST IRON PIPE SLEEVE FOR STORM PIPE THRU FOUNDATION WALL. INSTALL FOAM SPACER BLOCKS TO MAINTAIN PIPE IN CENTER OF SLEEVE. COORDINATE PIPE SLEEVE INSTALLATION WITH STRUCTURAL.
  - COORDINATE WITH MC FOR LOCATION OF FLOOR CLEANOUT TO AVOID CONFLICT WITH FURNACE AND DUCTWORK AND ALLOW ACCESS TO COVER.

KPP  
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CLASSROOM ADDITION  
HIGHLAND EAST  
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**P101**

