



- General Notes:**
- Sanitary drainage and roof drain piping less than 4'-0" below grade or below unheated space shall have 2" track x 4'-0" wide styrofoam insulation and immediately above and below the insulation shall be 1/2" rigid insulation.
  - The water domestic hot water preheat system is an Atlanta area shall be insulated and electrically heat-traced for freeze protection.
  - Provide PVC jacketing for all exposed heating piping in the unheated garage areas.
  - Coordinate underside piping with structural grade beams and pipe caps.
  - Provide 6" backwater valves and cleanout access at each sanitary sewer exit per the City of Portland requirements. See Civil / Site Drawings for additional information.
  - Coordinate piping penetrations into the concrete foundation walls with the structural drawings. See Mechanical / Boiler Room, Plans with the structural drawings.
  - Coordinate roof drain quantities and piping layout with the Architectural Drawings.