

City of Meridian
Standard Notes
Residential and Commercial

GENERAL CONSTRUCTION

1. All construction work shall be done in accordance with the current version of the Idaho Standards for Public Works Construction (ISPWC), the City of Meridian Supplemental Specifications to the ISPWC (and any addendums), Meridian Design Standards, the requirements of the Ada County Highway District (ACHD), and/or the requirements of the Idaho Transportation Department (ITD). The more stringent of any of these standards shall be the controlling standards or specifications.
2. The Contractor shall have a copy of the latest City of Meridian Standard Specifications and Drawings on site or readily accessible at all times during construction (available on the website). Failure to have access to a current copy of the Standard Specifications on site could be grounds for a stop work order until the situation is resolved.
3. The Contractor shall have plans stamped "Approved for Construction" by the City of Meridian on site at all times.
4. All Contractors, Subcontractors, and Utility Contractors shall attend a pre-construction conference prior to start of work.
5. Contractors shall notify the appropriate agency when materials are on site or inspection of the work is required. No work may begin on any project without Twenty Four (24) hour prior notice.
6. Contactor shall notify the Public Works Inspector 48 hours prior to the required testing. The Contractor may not open or close water valves.
7. All material furnished on, or for the project must meet the minimum requirements of the approving agencies. At the request of the approving agency or the Design Engineer, Contractors shall furnish proof that all materials installed on this project meet the specification requirements set forth in General Construction Note No. 1.
8. Work subject to approval by any governmental agency must be approved prior to (A) backfilling trenches for pipe; (B) placing of aggregate base; (C) placing of concrete; (D) placing of asphalt paving.
9. Inspection, approval and final acceptance of all water and sewer construction shall be by the Public Works Department, and their decision shall be final. Such inspections shall not relieve the contractor from the responsibility of performing the work in an acceptable manner in accordance with the DEQ/QLPE approved construction plans.
10. Any deviation from the approved plans and specifications must have the applicable agency approval in writing prior to construction.
11. Prior to beginning installation of street lights, the electrical contractor shall obtain an Electrical Permit from the Building Division of the Meridian Public Works Department. Any deviation in street light locations from the approved plans must be approved in writing from the City Engineer.

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WATER

1. Construction of the water system shall conform to the standards in the "Idaho Rules for Public Drinking Water Systems (IDAPA 58.01.08)" as well as the standards and specifications referred to in General Construction Note No. 1.
2. The horizontal separation of potable water mains and non-potable water mains (sanitary sewer, storm drain, and irrigation) shall be a minimum of ten (10) feet. Where it is necessary for a potable water main and non-potable water main to cross with less than eighteen (18) inches of vertical separation, the crossing shall be constructed in accordance with Section 542.07 of the Idaho Rules for Public Drinking Water Systems (IDAPA 58.01.08) and Section 430.02 of the Wastewater Rules (IDAPA 58.01.16).
3. The horizontal separation of non-potable services and potable water services or potable water mains shall be a minimum of six (6) feet. Where it is necessary for a potable water main and non-potable water main to cross with less than eighteen (18) inches of vertical separation, the crossing shall be constructed in accordance with Section 542.07 of the Idaho Rules for Public Drinking Water Systems (IDAPA 58.01.08) and Section 430.02 of the Wastewater Rules (IDAPA 58.01.16).
4. Place water service lines in a two (2) inch diameter pipe sleeve wherever the service line crosses a storm water treatment facility (i.e. seepage beds, drainage swales).
5. The Contractor shall be responsible for providing continuous water service to all existing water users affected by construction. If water service must be interrupted, the contractor shall coordinate with the Public Works Inspector.

SEWER

1. Construction of the sewer system shall conform to the standards in the Wastewater Rules (IDAPA 58.01.16) as well as the standards and specifications referred to in General Construction Note No. 1.
2. The horizontal separation of potable water mains and non-potable water mains (sanitary sewer, storm drain, and irrigation) shall be a minimum of ten (10) feet. Where it is necessary for a potable water main and non-potable water main to cross with less than eighteen (18) inches of vertical separation, the crossing shall be constructed in accordance with Section 542.07 of the Idaho Rules for Public Drinking Water Systems (IDAPA 58.01.08) and Section 430.02 of the Wastewater Rules (IDAPA 58.01.16).
3. The horizontal separation of non-potable services and potable water services or potable water mains shall be a minimum of six (6) feet. Where it is necessary for a potable water main and non-potable water main to cross with less than eighteen (18) inches of vertical separation, the crossing shall be constructed in accordance with Section 542.07 of the Idaho Rules for Public Drinking Water Systems (IDAPA 58.01.08) and Section 430.02 of the Wastewater Rules (IDAPA 58.01.16).
4. Place sewer service lines in a six (6) inch diameter water class pipe sleeve wherever the service line crosses a storm water treatment facility (i.e., seepage beds, drainage swales).

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ROADWAY

1. All Contractors working within the public road right-of-way are required to secure a right-of-way construction permit from ACHD or ITD at least twenty-four (24) hours prior to any construction.
2. ACHD or ITD will inspect all work within the public rights-of-way to include utility trenches above the pipe zone.

PRESSURIZED IRRIGATION

1. The pressurized irrigation system must be built to the standards of the irrigation district in which it is being constructed.
2. Install a reduced pressure backflow preventer in any connection between the potable water system and the pressure irrigation system. The device must be approved by the Idaho Department of Environmental Quality (DEQ) and the City of Meridian Water Department.

DRAINAGE

For Commercial Subdivisions or Commercial projects with Public Mains that have on-site drainage.

1. For any drainage facilities within a public Right of Way, ACHD or ITD shall be responsible for inspection. For any private drainage facilities the project engineer or architect shall be responsible for inspection and certification of drainage facilities; however any roof drainage and piping to the drainage facilities will be inspected by the Meridian plumbing official under the appropriate permit.

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CLASS “A” MUNICIPAL WASTEWATER RECLAMATION AND REUSE

For Commercial Subdivisions or Commercial projects that have Public Reuse Main or Services.

1. Construction of the Class A effluent distribution system shall conform to the standards in the Idaho Recycled Water Rules (IDAPA 58.01.17), Wastewater Rules (IDAPA 58.01.16), Recommended Standards for Wastewater Facilities – Great Lakes – Upper Mississippi River Board of Sanitary Engineers (10 States Standards), AWWA manual M24 – Chapter 24 as well as the standards and specifications referred to in General Construction Note No. 1.
2. The horizontal separation of Class A effluent distribution mains and potable water mains shall be a minimum of ten (10) feet in accordance with IDAPA 58.01.08, “Idaho Rules for Public Drinking Water Systems,” Subsection 542.07. Where it is necessary for a Class A effluent distribution main and potable water main to cross, a minimum of eighteen (18) inches of vertical separation shall be maintained and the Class A effluent distribution main shall be encased in a continuous pipe sleeve to a distance on each side of the crossing equal to ten (10) feet. Class A effluent distribution mains installed parallel to non-potable water mains (sanitary sewer, storm drain and irrigation) shall be installed at least five (5) feet horizontally from the non-potable main if the non-potable main is located above the Class A effluent main and three (3) feet horizontally from the non-potable main if the non-potable main is located below the Class A effluent main
3. The horizontal separation of Class A effluent distribution services and potable water services or potable water mains shall be a minimum of six (6) feet. Where it is necessary for a Class A effluent distribution service and a potable water main to cross a minimum of eighteen (18) inches of vertical separation shall be maintained, and the crossing shall be constructed in accordance with Section 542.07 of the Idaho Rules for Public Drinking Water Systems (IDAPA 58.01.08) and Section 430.02 of the Wastewater Rules (IDAPA 58.01.16).
4. Label all irrigation risers and faucets with durable tags carrying the warning **CAUTION: RECYCLED WATER – DO NOT DRINK**, in both English and Spanish.
5. An approved backflow preventer is required if recycled water system is connected to the potable water system. The device must be approved by the Idaho Department of Environmental Quality (DEQ), the City of Meridian Water Department, and listed in the most current version of the *List of Approved Backflow Prevention Assemblies* Published by the Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California (USC).
6. The Public Works Department shall inspect all recycled water distribution mains and/or services. Forty-eight (48) hours advance notice is required.