

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, 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. All Contractors, Subcontractors and Utility Contractors shall be required to attend an on-site meeting prior to start of work.
3. 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.
4. All material furnished on 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.
5. 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.
6. 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.
7. Any deviation from the approved plans and specifications must have the applicable agency approval in writing prior to construction.
8. 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.

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 and utility trenches above the pipe zone.
3. Meridian Public Works will inspect storm drainage improvements serving private roads, parking lots and other paving improvements outside the public right-of-way.

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 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).
3. Place water service lines in a two (2) inch diameter pipe wherever the service line crosses a storm water treatment facility (i.e. seepage beds, drainage swales). The pipe material used for sleeving must be impervious to contamination from petroleum products and must be approved by the Idaho Department of Environmental Quality.
4. The Contractor shall be responsible for providing continuous water service to all existing water users affected by construction.
5. All water works components shall be ANSI/NSF 61 Certified, and must meet all AWWA and standard requirements of the Idaho Rules for Public Drinking Water Systems (IDAPA 58.01.08).

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 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).
3. Place sewer service lines in a six (6) inch diameter water class pipe wherever the service line crosses a stormwater treatment facility (i.e., seepage beds, drainage swales).
4. When cover over a sewer pipe is less than three (3) feet from top of pipe to subgrade or top of pipe to natural ground, use "Class 200 water pressure pipe", ASTM D 2241, SDR 21, including service lines and fittings.

PRESSURIZED IRRIGATION

1. Install all crossings of the Public Rights-of-Way, private roadways and travelways with pressure irrigation at a maximum depth of two-and one-half (2-1/2) feet and in an AWWA C-900 pipe sleeve with locator wire. The Public Works Department and ACHD shall inspect all crossings prior to backfilling.
2. 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).
3. Install finder tape with all irrigation mains. Tape shall be two (2) inches wide, metallic red in color, with the words **DANGER -UNSAFE WATER** or **NON-POTABLE WATER** clearly marked along its length. Place the tape between six (6) inches below the surface and eighteen (18) inches above the top of the pipe.
4. Label all irrigation risers and faucets with durable tags carrying the warning **DANGER-UNSAFE WATER** or **NON-POTABLE WATER**.
5. Label all valve boxes and vaults with durable tags carrying the warning **DANGER-UNSAFE WATER** or **NON-POTABLE WATER**. The valves and boxes are to be located a minimum of ten (10) feet outside of the Public Right-of-Way, private roadways and travelways.
6. 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.
7. The Public Works Department shall inspect all pressurized irrigation unless a properly executed agreement for inspection and maintenance is in effect with the applicable Irrigation District. Forty-eight (48) hours advance notice is required.

DRAINAGE

1. The Contractor shall have plans stamped "Approved for Construction" by City of Meridian Public Works Department on site at all times.
2. Any change from the plans shall be approved by the designer and the City of Meridian Public Works Department.
3. The Contractor shall contact the City of Meridian Public Works Department for inspection of all storm water facilities prior to the placement of filter fabric. Minimum 24-hour notice is required. Approval is contingent upon inspection.

Use one of the following notes depending on whether a Soils Report is submitted to Public Works

Without a Soils or Geotechnical Report:

- 4a. The Contractor shall excavate a minimum of one test hole to determine if impermeable layers or groundwater exist within 4 feet of proposed bottom of drainage facility. Contact the Engineer for revised beds if either condition is found. Contact Meridian Public Works for inspection of test hole prior to backfill.

With a Soils or Geotechnical Report:

- 4b. Separation from the bottom of the drainage facility to seasonal high groundwater shall be a minimum of 3'. Contact Engineer for revised drainage facility design if bottom of facility is within 3' of seasonal high groundwater elevation. Re-designed facility shall be approved by the Public Works Department.