**STANDARD FORCE MAIN PIGGING & BYPASS CONNECTION**

**NOTE:**
1. THE PIGGING/BYPASS CONNECTION SHALL BE LOCATED WITHIN 50 FEET OF THE PUMP STATION VALVE VAULT.
2. ALL PIPING WITHIN THE BYPASS ASSEMBLY SHALL BE INTERIOR COATED WITH APPROVED COATING LISTED ON CARY'S APPROVED PRODUCTS LIST.
3. ALL BURIED PIPES, VALVES, AND FITTINGS SHALL BE DUCTILE IRON AND RESTRAINED WITH WEDGE ACTION RETAINER GLANDS AND BLOCKING AS SHOWN.
4. ALL PIPING FOR THE PIGGING/BYPASS CONNECTION SHALL BE THE SAME DIAMETER AS THE FORCE MAIN.

**EFFECTIVE: 05/15/20**

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**BOLLARD SECTION VIEW**

- **Bollard (Typical)**
- **Standard Valve Box**
- **Gate Valve on Branch Line**
- **Wedge Action Retainer Gland**
- **Blocking**
- **Force Main**
- **Bypass Pumping Connection**

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**SCHEMATIC VIEW**

- **Pump Station**
- **Plug Valve (Main Line)**
- **M.J.D.I. Wye**
- **Gate Valve (Main Line)**
- **Bauer Connection**
- **M.J.D.I. 45° Bend Restrained**

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**MALE BAUER COUPLING WITH LOCKING CAP ASSEMBLY (SAME SIZE AS FORCE MAIN)**

5-Feet by 5-Feet and 4-Inches Thick Concrete Pad

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**DETAIL No.** 07200.07

**SHEET 1 OF 2**