



**MATERIALS**

| ITEM | QUANTITY | DESCRIPTION                                       |
|------|----------|---|
| 1    | 3        | 4",6",8" VALVE, GATE, C.I., FLANGE - FLANGE       |
| 2    | 3        | 4",6",8" BEND - 90 , FLANGE - FLANGE              |
| 3    | VARIES   | 4",6",8" PIPE, DUCTILE IRON, FLANGE - FLANGE      |
| 4    | 4        | 2" IRON PIPE                                      |
| 5    | 4        | 16"x16"x16" CONC. FOUNDATION, 2500# PSI           |
| 6    | 1        | 3",4",6",8" METER, FLANGE - FLANGE                |
| 7    | 4        | 4",6",8" D.I. SPOOL PIECE, 12" MIN. LENGTH, F - F |
| 8    | 1        | 4",6",8" WATER METER STRAINER, FLANGE - FLANGE    |
| 9    | 2        | D.I. BYPASS TEE, FLANGE - FLANGE, (SIZE VARIES)   |
| 10   | 1        | 2" TAP WITH LOCKING BALL VALVE                    |
| 11   | *        | CONC. SLAB, 2500# PSI                             |
| 12   | 1        | 4",6",8" VALVE, GATE, MJ                          |
| 13   | VARIES   | 4",6",8" PIPE                                     |
| 14   | 1        | 4",6",8" BEND-90°, MJ-MJ W/ RETAINER GLANDS       |
| 15   | 1        | 4",6",8" ADAPTER, FLANGE, DIP                     |
| 16   | 1        | 2", 3", 4", 6", 8" BY-PASS METER, FLANGE-FLANGE   |

- NOTES: 1. ALL ABOVE GRADE PIPING SHALL BE DUCTILE IRON WITH FLANGED ENDS.  
 2. FOR 3" METER, USE 4" D.I. PIPE WITH 4"x3" REDUCER WITH FLANGED ENDS ON BOTH SIDES OF THE METER.  
 3. FIELD ADJUST AND CUT D.I. PIPE TO THE PROPER LENGTH AS REQUIRED.  
 4. METER BYPASS SHALL BE A MIN. OF 4" DIA. AND SIZED TO MEET REQUIRED FLOWS  
 5. ALL EXPOSED DUCTILE IRON PIPING AND FITTINGS SHALL BE PAINTED "BLUE". PAINT SPECIFICATIONS MUST BE IN ACCORDANCE WITH SMRU SPECS.  
 6. ENGINEER TO SELECT SIZE OF BYPASS METER TO BE ACTIVATED WHEN PRIMARY METER IS OUT OF SERVICE.  
 7. FOR 2" METERS ONLY: BYPASS NOT REQUIRED. ALL MATERIALS 2".

TYPICAL ABOVE GROUND METER  
(2" OR LARGER)

|          |   |   |
|----------|---|---|
| DSGN.    | <br>SOUTH MARTIN REGIONAL UTILITY (SMRU) | DATE APPROVED<br><b>AUGUST 2016</b>       |
| DRW. MES |   | DRAWING NUMBER<br><b>WS 04</b>            |
| CK. ML   |   | <b>CONSTRUCTION STANDARDS AND DETAILS</b> |