NOTES:
1. INLET
2. OUTLET
3. WALL SLEEVE, 2" GREATER THAN SUPPLY PIPE DIAMETER
4. FLANGE X PLAIN END WALL PIPE
5. TEE, FLXFL
6. 90° FLXFL ELBOW
7. OS&Y RESILIENT SEAT GATE VALVE WITH HAND WHEEL, FLXFL
8. FLXFL PIPE, LENGTH AS REQUIRED OR FLXPE WITH RESTRAINED A,B
9. FLANGED COUPLING ADAPTER
10. PLATE STRAINER, SUPPLIED BY CITY
11. FLXFL PIPE, LENGTH EQUAL TO 5x METER SIZE
12. FLXPE PIPE, LENGTH EQUAL TO 2x METER SIZE
13. FLANGED COUPLING ADAPTER, ROMAC FCA501 OR EQUAL
14. FORD A32PR BR INSPECTION RING, CENTERED OVER METER
15. 30"x30" ACCESS HATCH
16. SUMP HOLE
17. CONCRETE VAULT, PRECAST OR CAST-IN-PLACE

DESIGN BY OTHERS
CLEAR DISTANCES, SEE VAULT SIZE TABLE
CLEAR DISTANCE = FLANGE DIAMETER + 12", 18" MIN.
VAULT LENGTH, VARIES BY METER SIZE; SEE VAULT SIZE TABLE
VAULT WIDTH, VARIES BY METER SIZE; SEE VAULT SIZE TABLE

ALL NUTS AND BOLTS SHALL BE STAINLESS STEEL GRADE 304 OR BETTER, COATED TO PREVENT GALLING AND SEIZING.
FLANGE GASKETS SHALL BE 1/8" THICK 150 LB. RED RUBBER.
BYPASS MAY BE CONSTRUCTED OUTSIDE OF METER VAULT IF WARRANTED BY SITE CONDITIONS WITH APPROVAL OF DEPARTMENT OF MUNICIPAL SERVICES AND OPERATIONS STAFF.

METER VAULT DETAIL - 3" AND LARGER

SCALE: NONE
DATE: 04-01-24
REV.: 5
REV. BY: APE
APPROVED: APE
NOTES:
1. INLET
2. OUTLET
3. WALL SLEEVE, 2" GREATER THAN SUPPLY PIPE DIAMETER
4. FLANGE X PLAIN END WALL PIPE
5. TEE, FLxFLxFL
6. OS&Y RESILIENT SEAT GATE VALVE WITH HAND WHEEL, FLxFL
7. PLATE STRAINER, SUPPLIED BY CITY
8. FLxFL PIPE, LENGTH EQUAL TO 5X METER SIZE
9. WATER METER, SUPPLIED BY CITY
10. FLxPE PIPE, LENGTH EQUAL TO 2X METER SIZE
11. FLANGED COUPLING ADAPTER, ROMAC FCS501 OR EQUAL
12. FORD A32PR-BR INSPECTION RING, CENTERED OVER METER

13. 30"x30" ACCESS HATCH
14. SUMP HOLE
15. CONCRETE VAULT, PRECAST OR CAST-IN-PLACE DESIGN BY OTHERS
16. CONCRETE PIPE SUPPORT
17. CLEAR DISTANCE = FLANGE Dia./2 + 12", 18" MINIMUM
18. VAULT LENGTH, VARIES BY METER SIZE SEE VAULT SIZE TABLE
19. VAULT HEIGHT, 5'-0" MINIMUM

ALL NUTS AND BOLTS SHALL BE STAINLESS STEEL GRADE 304 OR BETTER, COATED TO PREVENT GALLING AND SEIZING.
FLANGE GASKETS SHALL BE 1/16" THICK 150 LB. RED RUBBER.
BYPASS MAY BE CONSTRUCTED OUTSIDE OF METER VAULT IF WARRANTED BY SITE CONDITIONS WITH APPROVAL OF DEPARTMENT OF MUNICIPAL SERVICES AND OPERATIONS STAFF.

METER VAULT DETAIL – 3" AND LARGER

SCALE: NONE DATE: 04-01-24 REV.: 5
REV. BY: APE APPROVED: APE
SECTION B-B

NOTES:
3 WALL SLEEVE, 2” GREATER THAN SUPPLY PIPE DIAMETER
14 FORD A32PR-BR INSPECTION RING, CENTERED OVER METER
15 30”x30” ACCESS HATCH
16 SUMP HOLE
17 CONCRETE VAULT, PRECAST OR CAST-IN-PLACE
   DESIGN BY OTHERS
C CLEAR DISTANCE = FLANGE DIA./2 + 12", 18” MINIMUM
D CLEAR DISTANCE FLANGE DIA./2+12", 18” MINIMUM
H VAULT HEIGHT, 5’-0” MINIMUM
W VAULT WIDTH, VARIES BY METER SIZE SEE VAULT SIZE TABLE

ALL NUTS AND BOLTS SHALL BE STAINLESS STEEL GRADE 304 OR BETTER, COATED TO PREVENT GALLING AND SEIZING.
FLANGE GASKETS SHALL BE 3/8” THICK 150 LB. RED RUBBER.
BYPASS MAY BE CONSTRUCTED OUTSIDE OF METER VAULT IF WARRANTED BY SITE CONDITIONS WITH APPROVAL OF DEPARTMENT OF MUNICIPAL SERVICES AND OPERATIONS STAFF.
## METER VAULT SIZE TABLE

<table>
<thead>
<tr>
<th>METER SIZE</th>
<th>VAULT LENGTH</th>
<th>CLR. DIST. &quot;A&quot;</th>
<th>VAULT WIDTH</th>
<th>CLR. DIST. &quot;B&quot;</th>
<th>CLR. DIST. &quot;C&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;(C)</td>
<td>8’-0”</td>
<td>0’-5 1/4”</td>
<td>6’-0”</td>
<td>2’-8”</td>
<td>1’-6”</td>
</tr>
<tr>
<td>3&quot;(T)</td>
<td>8’-0”</td>
<td>0’-7 3/4”</td>
<td>6’-0”</td>
<td>2’-8”</td>
<td>1’-6”</td>
</tr>
<tr>
<td>4&quot;(C)</td>
<td>10’-0”</td>
<td>0’-8 1/2”</td>
<td>6’-0”</td>
<td>2’-8”</td>
<td>1’-6”</td>
</tr>
<tr>
<td>4&quot;(T)</td>
<td>10’-0”</td>
<td>0’-11 1/2”</td>
<td>6’-0”</td>
<td>2’-8”</td>
<td>1’-6”</td>
</tr>
<tr>
<td>6&quot;(C)</td>
<td>12’-0”</td>
<td>0’-6 15/16”</td>
<td>6’-0”</td>
<td>2’-8”</td>
<td>1’-6”</td>
</tr>
<tr>
<td>6&quot;(T)</td>
<td>12’-0”</td>
<td>0’-9 15/16”</td>
<td>6’-0”</td>
<td>2’-8”</td>
<td>1’-6”</td>
</tr>
<tr>
<td>8&quot;(T)</td>
<td>14’-0”</td>
<td>0’-8 3/8”</td>
<td>6’-0”</td>
<td>2’-8”</td>
<td>1’-6 3/4”</td>
</tr>
<tr>
<td>10&quot;(T)</td>
<td>17’-0”</td>
<td>0’-9 7/8”</td>
<td>7’-0”</td>
<td>2’-8”</td>
<td>1’-8”</td>
</tr>
<tr>
<td>12&quot;(T)</td>
<td>18’-0”</td>
<td>0’-7 1/2”</td>
<td>7’-0”</td>
<td>2’-8”</td>
<td>1’-9 1/2”</td>
</tr>
</tbody>
</table>

(C) DENOTES COMPOUND SERIES METER  
(T) DENOTES TURBO SERIES METER  
CLEAR DISTANCES LISTED ARE MINIMUMS