RESILIENT WEDGE GATE VALVE WITH BYPASS (FLG X MU) (TYP.)

D.I.P. (FLG X FLG) (MIN. CLASS 200)

5 1/4" DIAMETER VALVE BOX AND LOCKING LID

18" X 18" X 6" DRAIN SUMP

OCTAVE METER

10" OCTAVE METER—17.75"
8" OCTAVE METER—20"
6" OCTAVE METER—18"
4" OCTAVE METER—14"
3" OCTAVE METER—12"

[ (*) DIMENSION VARIES W/METER SIZE ]

MINIMUM DIMENSION SHOWN

METER SHALL BE CENTERED IN THE VAULT UNDER ACCESS DOOR

DIAMOND PATTERN ALUMINUM ACCESS DOOR. (MODEL NO: H1W) AS MANUFACTURED BY HALLIDAY PRODUCTS, OR APPROVED EQUAL. PROVIDE STAINLESS STEEL HOLD OPEN ARMS AND SPRING ASSIST FOR ACCESS DOOR

PROVIDE ALUMINUM LADDER WITH VAULT, WITH 7" STAND-OFF, FLOOR MOUNTING BRACKETS AND 36" SAFETY EXTENSION. (HALLIDAY PRODUCTS SERIES L1D WITH L1E EXTENSION, AS PER DETAIL WT-18)

DRESSER DISMANTLING JOINT (TYP.)

DOUBLE CHECK VALVE ASSEMBLY, SERIES 709—BY WATTS, OR APPROVED EQUAL (INCLUDES 2—OSY GATE VALVES)

DIAMOND PATTERN ALUMINUM ACCESS DOOR. (MODEL NO: H1W) AS MANUFACTURED BY HALLIDAY PRODUCTS, OR APPROVED EQUAL. PROVIDE STAINLESS STEEL HOLD OPEN ARMS AND SPRING ASSIST FOR ACCESS DOOR

PROVIDE ALUMINUM LADDER WITH VAULT, WITH 7" STAND-OFF, FLOOR MOUNTING BRACKETS AND 36" SAFETY EXTENSION. (HALLIDAY PRODUCTS SERIES L1D WITH L1E EXTENSION, AS PER DETAIL WT-18)

NOTES:
1. VAULTS AND ACCESS HATCHES TO BE H2O LOADED.
2. IF CONTRACTOR ELECTS TO PROVIDE CAST-IN-PLACE CONCRETE VAULT, ALL COLD JOINTS SHALL HAVE A 6" VERTICAL WATER STOP EMBEDDED 6" INTO THE PREVIOUS POUR.
3. ALL INTERIOR IRON, DUCTILE IRON OR STEEL SHALL BE PROVIDED WITH THE MANUFACTURER’S SPECIFIED COATING AND APPLY COATING TO PREVENT CORROSION.
4. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF VAULT, INCLUDING REINFORCEMENT. THE SHOP DRAWINGS ARE TO BE SEALED AND SIGNED BY A REGISTERED ENGINEER.
5. ATTACH CONFINED SPACE ENTRY PLACA TO OUTSIDE OF ACCESS HATCH ON METER VAULT.

CITY OF ROUND ROCK
3" TO 10"
WATER METER ASSEMBLY DETAIL
PLAN VIEW

DRAWING NO: WT-20 (1 of 3)

DATE
03-01-18

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL (NOT TO SCALE)
NOTES:

1. VAULTS AND ACCESS HATCHES TO BE H2O LOADED.
2. IF CONTRACTOR ELECTS TO PROVIDE CAST-IN-PLACE CONCRETE VAULT, ALL COLD JOINTS SHALL HAVE A 6" VERTICAL WATER STOP EMBEDDED 6" INTO THE PREVIOUS POUR.
3. ALL INTERIOR IRON, DUCTILE IRON OR STEEL SHALL BE PROVIDED WITH THE MANUFACTURER’S SPECIFIED COATING AND APPLY COATING TO PREVENT CORROSION.
4. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF VAULT, INCLUDING REINFORCEMENT. THE SHOP DRAWINGS ARE TO BE SEALED AND SIGNED BY A REGISTERED ENGINEER.
5. ATTACH CONFINED SPACE ENTRY PLAQUE TO OUTSIDE OF ACCESS HATCH ON METER VAULT.
### WATER METER VAULT SCHEDULE

<table>
<thead>
<tr>
<th>TAG NO.</th>
<th>DESCRIPTION</th>
<th>VAULT NO. 1 (3&quot; METER)</th>
<th>VAULT NO. 2 (4&quot; METER)</th>
<th>VAULT NO. 3 (6&quot; METER)</th>
<th>VAULT NO. 4 (8&quot; METER)</th>
<th>VAULT NO. 5 (10&quot; METER)</th>
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<tr>
<td>A</td>
<td>MINIMUM VAULT LENGTH</td>
<td>6'-0&quot;</td>
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<td>8'-0&quot;</td>
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<td>MINIMUM VAULT WIDTH</td>
<td>4'-0&quot;</td>
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<td>C</td>
<td>MINIMUM VAULT HEIGHT</td>
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<td>6'-0&quot;</td>
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<tr>
<td>D</td>
<td>MINIMUM PIPE HEIGHT</td>
<td>18&quot;</td>
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<td></td>
<td>OCTAVE METER SIZE</td>
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<td>METER LAY LENGTH</td>
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<td>17.75&quot;</td>
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<td>DOUBLE-LEAF ACCESS DOOR</td>
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<td>42&quot; x 42&quot;</td>
<td>42&quot; x 42&quot;</td>
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### BACKFLOW PREVENTOR VAULT SCHEDULE

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<td>H</td>
<td>MINIMUM PIPE HEIGHT</td>
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### VAULT DIMENSIONS NOTE:

VAULT DIMENSIONS SHOWN ARE MINIMUM AND MUST BE VERIFIED FOR EQUIPMENT AND PIPING MATERIALS ACTUALLY FURNISHED FOR THE WATER METER AND BACKFLOW VAULT TO BE CONSTRUCTED.