MATERIALS

<table>
<thead>
<tr>
<th>SUPPLIED &amp; INSTALLED BY REGION</th>
<th>SUPPLIED &amp; INSTALLED BY OTHERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Straight Tail Piece</td>
<td>20 mm Type K Soft Copper Service as Per Regional Design Criteria</td>
</tr>
<tr>
<td>1-15x20 mm Water Meter C/W Touch Read Disc and Bracket</td>
<td>Pressure Reducing Valve (if required)</td>
</tr>
<tr>
<td>Read Disc and Wire</td>
<td>For Residential Water Meter Installation Only</td>
</tr>
<tr>
<td>1-Right Angle Bldg. Control Valve</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

1. Building control valve to be the same size as incoming pipe.
2. Incoming service to building must be a minimum of 20mm Type K Soft Copper.
3. All pipe work done by contractor/builder, including connection to tail piece in accordance with Ontario building code.
4. Touch read disc and wire to be secured to hydro stack with plastic bracket (Ontario Hydro approved) or other location as approved by the Region of Halton.
5. Curb stop/box must be to grade and operational prior to occupancy.
6. Meter installation shall be scheduled by appointment prior to occupancy.

**THE REGIONAL MUNICIPALITY OF HALTON**

**PLANNING AND PUBLIC WORKS DEPARTMENT**

**STANDARD 15 X 20mm WATER METER INSTALLATION**

Date MAY 2006  Rev. 1  NTS

**APPROVED**

DIRECTOR, ENGINEERING SERVICES

REGION STANDARD RH 410.01
MATERIALS

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</thead>
<tbody>
<tr>
<td>1 - STRAIGHT TAIL PIECE</td>
<td>20 mm TYPE K SOFT COPPER SERVICE AS PER REGIONAL DESIGN CRITERIA</td>
</tr>
<tr>
<td>1 - 20X20 mm WATER METER C/W TOUCH READ DISC AND BRACKET</td>
<td>PRESSURE REDUCING VALVE (IF REQUIRED)</td>
</tr>
<tr>
<td>READ DISC AND WIRE</td>
<td></td>
</tr>
<tr>
<td>1 - RIGHT ANGLE BLDG.</td>
<td></td>
</tr>
<tr>
<td>CONTROL VALVE 20 mm</td>
<td></td>
</tr>
</tbody>
</table>

FOR RESIDENTIAL WATER METER INSTALLATION ONLY

NOTES:

1. BUILDING CONTROL VALVE TO BE THE SAME SIZE AS INCOMING PIPE.
2. INCOMING SERVICE TO BUILDING MUST BE A MINIMUM OF 20mm TYPE K SOFT COPPER.
3. ALL PIPE WORK DONE BY CONTRACTOR/BUILDER, INCLUDING CONNECTION TO TAIL PIECE IN ACCORDANCE WITH ONTARIO BUILDING CODE.
4. TOUCH READ DISC AND WIRE TO BE SECURED TO HYDRO STACK WITH PLASTIC BRACKET (ONTARIO HYDRO APPROVED) OR OTHER LOCATION AS APPROVED BY THE REGION OF HALTON.
5. CURB STOP/BOX MUST BE TO GRADE AND OPERATIONAL PRIOR TO OCCUPANCY.
6. METER INSTALLATION SHALL BE SCHEDULED BY APPOINTMENT PRIOR TO OCCUPANCY. CALL (905) 825-8000 OR 876-8113

7. WHERE THE STATIC PRESSURE EXCEEDS 550kPa (80psi), A PRESSURE REDUCING VALVE SHALL BE INSTALLED AFTER THE METER TO LIMIT THE MAX. STATIC PRESSURE TO NOT MORE THAN 550kPa (80psi) IN AREAS THAT MAY BE OCCUPIED.
8. IF BASEMENT IS TO BE COMPLETED PRIOR TO OCCUPANCY, CONTRACTOR MUST ARRANGE FOR INSTALLATION OF READ DISC WIRE PRIOR TO CEILING AND WALLS BEING INSTALLED OR PROVIDE A 12 mm CONDUIT FROM THE METER TO THE HYDRO STACK COMPLETE WITH FISH WIRE.
9. WATER PRESSURE TO BE CONFIRMED BY CONTRACTOR OR BUILDING INSPECTOR.
10. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

THE REGIONAL MUNICIPALITY OF HALTON PLANNING AND PUBLIC WORKS DEPARTMENT

STANDARD 20mm WATER METER INSTALLATION

DATE MAY 2006  REV. 1  NTS

APPROVED

DIRECTOR, ENGINEERING SERVICES

REGION STANDARD  RH 410.02
1. BUILDING CONTROL VALVE TO BE THE SAME SIZE AS INCOMING PIPE.
2. INCOMING SERVICE TO BUILDING MUST BE A MINIMUM OF 25 mm TYPE K SOFT COPPER (COMMERCIAL/INDUSTRIAL/RESIDENTIAL).
3. ALL PIPE WORK DONE BY CONTRACTOR/BUILDER, INCLUDING CONNECTION TO TAIL PIECE IN ACCORDANCE WITH ONTARIO BUILDING CODE.
4. TOUCH READ DISC AND WIRE TO BE SECURED TO HYDRO STACK WITH PLASTIC BRACKET (ONTARIO HYDRO APPROVED) OR OTHER LOCATION AS APPROVED BY THE REGION OF HALTON.
5. CURB STOP/BOX MUST BE TO GRADE AND OPERATIONAL PRIOR TO OCCUPANCY.
6. METER INSTALLATION SHALL BE SCHEDULED BY APPOINTMENT PRIOR TO OCCUPANCY.
   CALL (905) 825-6000 OR 878-8113
7. WHERE THE STATIC PRESSURE EXCEEDS 550kPa (80psi), A PRESSURE REDUCING VALVE SHALL BE INSTALLED AFTER THE METER AND BYPASS TO LIMIT THE MAX. STATIC PRESSURE TO NOT MORE THAN 550kPa (80psi) IN AREAS THAT MAY BE OCCUPIED.
8. IF BASEMENT (RESIDENTIAL) IS TO BE COMPLETED PRIOR TO OCCUPANCY, CONTRACTOR MUST ARRANGE FOR INSTALLATION OF READ DISC WIRE PRIOR TO CEILING AND WALLS BEING INSTALLED OR PROVIDE A 12 MM CONDUIT FROM THE METER TO THE HYDRO STACK COMPLETE WITH FISH WIRE.
9. WATER PRESSURE TO BE CONFIRMED BY CONTRACTOR OR BUILDING INSPECTOR.
10. CONTRACTOR TO INSTALL TRT WIRE ON ALL COMMERCIAL/INDUSTRIAL INSTALLATIONS.
11. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

THE REGIONAL MUNICIPALITY OF HALTON
PLANNING AND PUBLIC WORKS DEPARTMENT

STANDARD 25mm WATER METER INSTALLATION

Date May 2006
Rev. 2
NTS

APPROVED

DIRECTOR, ENGINEERING SERVICES

REGION STANDARD RH 410.03
METER LAY LENGTH

READ DISC TO BE INSTALLED ON HYDRO STACK OR INSIDE NEXT TO HYDRO METER AND SEALED.

NOTES:
1. ALL VALVES TO OPERATE CLOCKWISE TO CLOSE.
2. BY-PASS CAN BE MOUNTED VERTICALLY OR HORIZONTALLY.
3. PLUMBING TO BE DONE IN ACCORDANCE WITH ONTARIO BUILDING CODE BY CONTRACTOR/BUILDER.
4. CURB STOP/BOX MUST BE TO GRADE AND OPERATIONAL PRIOR TO OCCUPANCY.
5. WATER PRESSURE TO BE CONFIRMED BY CONTRACTOR OR BUILDING INSPECTOR.
6. CONCRETE BLOCK TO BE INSTALLED AFTER METER INSTALLATION.
7. METER INSTALLATION SHALL BE SCHEDULED BY APPOINTMENT PRIOR TO OCCUPANCY. CALL (905) 825-6000 OR 878-8113.
8. WHERE THE STATIC PRESSURE EXCEEDS 550 kPa (80 psi), A PRESSURE REDUCING VALVE SHALL BE INSTALLED AFTER THE METER AND BYPASS TO LIMIT THE MAX. STATIC PRESSURE TO NOT MORE THAN 550 kPa (80 PSI) IN AREAS THAT MAY BE OCCUPIED.
9. CONTRACTOR TO INSTALL TRT WIRE ON ALL COMMERCIAL/INDUSTRIAL INSTALLATIONS.
10. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

THE REGIONAL MUNICIPALITY OF HALTON PLANNING AND PUBLIC WORKS DEPARTMENT

STANDARD 40mm WATER METER INSTALLATION

Date MAY 2006
Rev. 2
NITS
APPROVED
DIRECTOR, ENGINEERING SERVICES
REGION STANDARD RH 410.04
METER LAY LENGTH

READ DISC TO BE INSTALLED ON HYDRO STACK OR INSIDE NEXT TO HYDRO METER AND SEALED

BY-PASS

GATE OR BALL VALVE

SEAL

BRASS NIPPLE

FLANGE CONNECTION

COPPER SERVICE

FLANGE CONNECTION

CONCRETE SUPPORT

FLOOR LEVEL

MATERIALS

<table>
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<tr>
<th>SUPPLIED BY REGION</th>
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<tbody>
<tr>
<td>1-50 mm WATER METER C/W TOUCH READ DISC AND COMPANION FLANGES READ DISC WIRE 2-GASKETS, BOLTS AND NUTS</td>
<td>ALL PIPE FITTINGS REQUIRED FOR INSTALLATION AS PER REGIONAL DESIGN CRITERIA INCLUDING VALVES</td>
</tr>
</tbody>
</table>

GATE OR BALL VALVE
IRON PIPE TO COPPER ADAPTER
T-FITTING

REFER TO RH 410.12 FOR BACKFLOW PREVENTION AND RH 410.15 AND RH 410.16 FOR METER CABINET INSTALLATION AS REQUIRED.

NOTES:

1. ALL VALVES TO OPERATE CLOCKWISE TO CLOSE.
2. BY-PASS CAN BE MOUNTED VERTICALLY OR HORIZONTALLY.
3. PLUMBING TO BE DONE IN ACCORDANCE WITH ONTARIO BUILDING CODE BY CONTRACTOR/CONTRACTOR BUILDING INSPECTOR.
4. CURB STOP/BOX MUST BE TO GRADE AND OPERATIONAL PRIOR TO OCCUPANCY.
5. WATER PRESSURE TO BE CONFIRMED BY CONTRACTOR OR BUILDING INSPECTOR.
6. METER INSTALLATION SHALL BE SCHEDULED BY APPOINTMENT PRIOR TO OCCUPANCY. CALL (905) 825-6000 OR 878-8113
7. WHERE THE STATIC PRESSURE EXCEEDS 550kPa (80psi), A PRESSURE REDUCING VALVE SHALL BE INSTALLED AFTER THE METER AND BYPASS TO LIMIT THE MAX. STATIC PRESSURE TO NOT MORE THAN 550kPa (80psi) IN AREAS THAT MAY BE OCCUPIED.
8. CONTRACTOR TO INSTALL TRT WIRE ON ALL COMMERCIAL/INDUSTRIAL INSTALLATIONS.
9. METER LAY LENGTH TO BE DETERMINED BY REGION OF HALTON AT TIME OF INSTALLATION.
10. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

THE REGIONAL MUNICIPALITY OF HALTON PLANNING AND PUBLIC WORKS DEPARTMENT

STANDARD 50mm WATER METER INSTALLATION

Date MAY 2006 Rev. 2 NTS

APPROVED

DIRECTOR, ENGINEERING SERVICES

REGION STANDARD RH 410.05
METER LAY LENGTH _____

TOUCH READ DISC TO BE INSTALLED ON HYDRO STACK OR INSIDE NEXT TO HYDRO METER AND SEALED

BY-PASS

SEALS

BY-PASS GATE VALVE

SUPPORT

UPSTREAM ISOLATION OR SHUT-OFF GATE VALVE (FULL OPENING)

1900 MIN.

MIN. 5 PIPE DIA.

Min. 3 PIPE DIA.

CONCRETE MIN. BLOCK

DOWNSREAM SHUT-OFF OR ISOLATION GATE VALVE (FULL OPENING)

FLOOR LEVEL

450 VARIIES 300 230 MIN.

NOTES:

1. ALL VALVES TO OPERATE CLOCKWISE TO CLOSE.
2. BY-PASS CAN BE MOUNTED VERTICALLY OR HORIZONTALLY.
3. PLUMBING TO BE DONE IN ACCORDANCE WITH ONTARIO BUILDING CODE BY CONTRACTOR/BUILDER.
4. CURB STOP/BOX MUST BE TO GRADE AND OPERATIONAL PRIOR TO OCCUPANCY.
5. WATER PRESSURE TO BE CONFIRMED BY CONTRACTOR OR BUILDING INSPECTOR.
6. METER INSTALLATION SHALL BE SCHEDULED BY APPOINTMENT PRIOR TO OCCUPANCY. CALL (905) 825-6000 OR 878-8113
7. WHERE THE STATIC PRESSURE EXCEEDS 550kPa (80psi), A PRESSURE REDUCING VALVE SHALL BE INSTALLED AFTER THE METER AND BYPASS TO LIMIT THE MAX. STATIC PRESSURE TO NOT MORE THAN 550kPa (80psi) IN AREAS THAT MAY BE OCCUPIED.
8. CONTRACTOR TO INSTALL TRIP WIRE ON ALL COMMERCIAL/INDUSTRIAL INSTALLATIONS.
9. METER LAY LENGTH TO BE DETERMINED BY REGION OF HALTON AT TIME OF INSTALLATION.
10. PROVISIONS ARE TO BE MADE FOR DISPOSAL OF WATER USED FOR IN-PLACE TESTING EITHER THROUGH THE FLOOR DRAIN OR 125 mm FERRULE THROUGH THE WALL.
11. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

THE REGIONAL MUNICIPALITY OF HALTON PLANNING AND PUBLIC WORKS DEPARTMENT

STANDARD 75mm TURBINE METER INSTALLATION

Date MAY 2006 Rev. 2 NTS

APPROVED

DIRECTOR, ENGINEERING SERVICES
REGION STANDARD RH 410.06
TOUCH READ DISC TO BE INSTALLED ON HYDRO STACK OR INSIDE NEXT TO HYDRO METER AND SEALED.

NOTES:

1. ALL VALVES TO OPERATE CLOCKWISE TO CLOSE.
2. BY-PASS CAN BE MOUNTED VERTICALLY OR HORIZONTALLY.
3. PLUMBING TO BE DONE IN ACCORDANCE WITH ONTARIO BUILDING CODE BY CONTRACTOR/CONTRACTOR.
4. CURB STOP/BOX MUST BE TO GRADE AND OPERATIONAL PRIOR TO OCCUPANCY.
5. WATER PRESSURE TO BE CONFIRMED BY CONTRACTOR OR BUILDING INSPECTOR.
6. METER INSTALLATION SHALL BE SCHEDULED BY APPOINTMENT PRIOR TO OCCUPANCY. CALL (805) 825-6000 OR 878-8113
7. WHERE THE STATIC PRESSURE EXCEEDS 550kPa (80psi), A PRESSURE REDUCING VALVE SHALL BE INSTALLED AFTER THE METER AND BYPASS TO LIMIT THE MAX. STATIC PRESSURE TO NOT MORE THAN 550kPa (80psi) IN AREAS THAT MAY BE OCCUPIED.
8. CONTRACTOR TO INSTALL TRT WIRE ON ALL COMMERCIAL/INDUSTRIAL INSTALLATIONS.
9. METER LAY LENGTH TO BE DETERMINED BY REGION OF HALTON AT TIME OF INSTALLATION.
10. PROVISIONS ARE TO BE MADE FOR DISPOSAL OF WATER USED FOR IN-PLACE TESTING EITHER THROUGH THE FLOOR DRAIN OR 125mm FERRULE THROUGH WALL.
11. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

THE REGIONAL MUNICIPALITY OF HALTON PLANNING AND PUBLIC WORKS DEPARTMENT

STANDARD 100mm TURBINE METER INSTALLATION

Date MAY 2006 Rev. 2 NTS

APPROVED

DIRECTOR, ENGINEERING SERVICES

REGION STANDARD RH 410.07
METER LAY LENGTH

TOUCH READ DISC TO BE INSTALLED ON HYDRO STACK OR INSIDE NEXT TO HYDRO METER AND SEALED

BY-PASS

SEALS

BY-PASS GATE VALVE

UPSTREAM ISOLATION OR SHUT-OFF GATE VALVE (FULL OPENING)

MIN. 5 PIPE Dia.

MIN. 3 PIPE Dia.

FLOOR LEVEL

50 mm 1PT TEST TEE SERVICE SADDLE OR PIPE PLUG

50 mm TURBINE METER C/W TOUCH READ DISC

150 mm STRAINER COMPANION FLANGES

3 GASKETS

BOLTS

READ DISC WIRE

MATERIALS

SUPPLIED BY REGION

SUPPLIED & INSTALLED BY OTHERS

ALL PIPE FITTINGS REQUIRED FOR INSTALLATION AS PER REGIONAL DESIGN CRITERIA INCLUDING VALVES

NOTES:

1. ALL VALVES TO OPERATE CLOCKWISE TO CLOSE.
2. BY-PASS CAN BE MOUNTED VERTICALLY OR HORIZONTALLY.
3. PLUMBING TO BE DONE IN ACCORDANCE WITH ONTARIO BUILDING CODE BY CONTRACTOR/BUILDER.
4. CURB STOP/BOX MUST BE TO GRADE AND OPERATIONAL PRIOR TO OCCUPANCY.
5. WATER PRESSURE TO BE CONFIRMED BY CONTRACTOR OR BUILDING INSPECTOR.
6. METER INSTALLATION SHALL BE SCHEDULED BY APPOINTMENT PRIOR TO OCCUPANCY.
7. WHERE THE STATIC PRESSURE EXCEEDS 550kPa (80psi), A PRESSURE REDUCING VALVE SHALL BE INSTALLED AFTER THE METER AND BYPASS TO LIMIT THE MAX. STATIC PRESSURE TO NOT MORE THAN 550kPa (80psi) IN AREAS THAT MAY BE OCCUPIED.
8. CONTRACTOR TO INSTALL TRT WIRE ON ALL COMMERCIAL/INDUSTRIAL INSTALLATIONS.
9. PROVISIONS ARE TO BE MADE FOR DISPOSAL OF WATER USED FOR IN-PLACE TESTING EITHER THROUGH THE FLOOR DRAIN OR 125 mm FERRULE THROUGH WALL.
10. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

THE REGIONAL MUNICIPALITY OF HALTON PLANNING AND PUBLIC WORKS DEPARTMENT

STANDARD 150mm TURBINE METER INSTALLATION

Date MAY 2006
Rev. 2 NTS

APPROVED

DIRECTOR, ENGINEERING SERVICES

REGION STANDARD RH 410.08
METER LAY LENGTH _______

<table>
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<tr>
<td>200 mm TURBINE METER C/W TOUCH READ DISC</td>
<td>ALL PIPE FITTINGS REQUIRED FOR INSTALLATION AS PER REGIONAL DESIGN CRITERIA INCLUDING VALVES</td>
</tr>
<tr>
<td>200 mm STRAINER COMPANION FLANGES 3 GASKETS BOLTS READ DISC WIRE</td>
<td></td>
</tr>
</tbody>
</table>

TOUCH READ DISC TO BE INSTALLED ON HYDRO STACK OR INSIDE NEXT TO HYDRO METER AND SEALED

BY-PASS

SEALS

BY-PASS GATE VALVE

STRAINER METER

FLANGED COUPLING ADAPTER

50 mm 1PT TEST TEE SERVICE SADDLE OR PIPE PLUG

MIN. 5 PIPE DIA MIN. 3 PIPE DIA.

MIN. 45 MIN. BLOCK

CONCRETE

500 MIN.

1900 MIN.

600 MIN.

CLEARANCE

UPSTREAM ISOLATION OR SHUT-OFF GATE VALVE (FULL OPENING)

DOWNSTREAM SHUT-OFF OR ISOLATION GATE VALVE (FULL OPENING)

760 VARIES 450 450 MIN.

FLOOR LEVEL

NOTES:

1. ALL VALVES TO OPERATE CLOCKWISE TO CLOSE.
2. BY-PASS CAN BE MOUNTED VERTICALLY OR HORIZONTALLY.
3. PLUMBING TO BE DONE IN ACCORDANCE WITH ONTARIO BUILDING CODE BY CONTRACTOR/BUILDER.
4. CURB STOP/BOX MUST BE TO GRADE AND OPERATIONAL PRIOR TO OCCUANCY.
5. WATER PRESSURE TO BE CONFIRMED BY CONTRACTOR OR BUILDING INSPECTOR.
6. METER INSTALLATION SHALL BE SCHEDULED BY APPOINTMENT PRIOR TO OCCUANCY.
CALL (905) 825-6000 OR 878-8113
7. WHERE THE STATIC PRESSURE EXCEEDS 550kPa (80psi), A PRESSURE REDUCING VALVE SHALL BE INSTALLED AFTER THE METER AND BYPASS TO LIMIT THE MAX. STATIC PRESSURE TO NOT MORE THAN 550kPa (80psi) IN AREAS THAT MAY BE OCCUPIED.
8. CONTRACTOR TO INSTALL TRT WIRE ON ALL COMMERCIAL/INDUSTRIAL INSTALLATIONS.
9. PROVISIONS ARE TO BE MADE FOR DISPOSAL OF WATER USED FOR IN-PLACE TESTING EITHER THROUGH THE FLOOR DRAIN OR 125 mm FERRULE THROUGH WALL.
10. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

THE REGIONAL MUNICIPALITY OF HALTON PLANNING AND PUBLIC WORKS DEPARTMENT

STANDARD 200mm TURBINE METER INSTALLATION

Date MAY 2006 Rev. 2 NTS

APPROVED

DIRECTOR, ENGINEERING SERVICES
REGION STANDARD RH 410.09
DOUBLE CHECK VALVE ASSEMBLY (DCVA)
TEST COCKS MUST BE CAPPED
FOR RP SEE NOTE 11

FRAME & COVER AS PER OPSD 401.01

TOUCH READ DISC RECEPTACLE ATTACHED TO 100mm WOOD POST

FINISHED GRADE

45' BEND

50mm DIA. PVC CONDUIT

VARIES

WATER METER

SUPPORT

EXISTING METER CHAMBER

SECTION A-A

NOTES:
1. PRECAST MANHOLE TO CONFORM TO CURRENT OPS.
2. DRILL HOLE FOR CONDUIT AND SEAL WITH SILICONE SEALANT.
3. READ DISC WIRE TO BE STRUNG BY OTHERS.
4. METER TO BE INSTALLED IN CENTRE OF CHAMBER.
5. NO SOLDERED JOINTS BEFORE METER.
6. 1200mm DIA. MANHOLE AS PER OPSD 701.010, 1800mm DIA. MANHOLE AS PER OPSD 701.012 AS REVISED BY THE REGION OF HALTON.
7. ADJUSTMENT UNITS ARE TO BE MIN. 150mm TO MAX. 300mm.
8. ALL JOINTS AND LIFTING HOLES IN CHAMBER SECTIONS TO BE COMPLETELY FILLED WITH 1:3 MORTAR MIX AND POINTED BEFORE BACKFILLING.
9. PARGING ON ALL BRICKWORK IS TO BE 1:3 MORTAR MIX AND IS TO BE APPLIED 15mm THICK.
10. CONTACtor/BUilder IS TO PROVIDE PROTECTION FOR REMOTE READOUT TO PREVENT VANDALISM.
11. REDUCED PRESSURE PRINCIPLE ASSEMBLY (RP) MUST BE INSTALLED IN AN ABOVE GROUND ENCLOSURE. REFER TO 410.15 AND 410.16 FOR INSTALLATION CRITERIA.
12. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
NOTES:

1. PRECAST MANHOLE TO CONFORM TO CURRENT OPS.
2. NO SOLDERED JOINTS BEFORE METER.
3. READ DISC WIRE TO BE STRUNG BY OTHERS.
4. METER TO BE INSTALLED IN CENTER OF CHAMBER.
5. DRILL HOLE FOR CONDUIT AND SEAL WITH SILICONE SEALANT.
6. ADJUSTMENT UNITS ARE TO BE MIN. 150 mm TO MAX. 300 mm.
7. ALL JOINTS AND LIFTING HOLES IN CHAMBER SECTIONS TO BE COMPLETELY FILLED WITH 1:3 MORTAR MIX AND POINTED BEFORE BACKFILLING.
8. PARGING ON ALL BRICKWORK TO BE 1:3 MORTAR MIX AND BE APPLIED 15 mm THICK.
9. CONTRACTOR/BUILDER TO PROVIDE PROTECTION FOR TOUCH READ DISC TO PREVENT VANDALISM.
10. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

THE REGIONAL MUNICIPALITY OF HALTON PLANNING AND PUBLIC WORKS DEPARTMENT

METER CHAMBER LAYOUT FOR PRECAST 1800mm x 2400mm MANHOLES

Date JUNE 2006  Rev. 1  NTS

APPROVED

DIRECTOR, ENGINEERING SERVICES

REGION STANDARD RH 410.11
FOR HIGH HAZARD

FOR MEDIUM & LOW HAZARD

NOTES:

THE REGIONAL MUNICIPALITY OF HALTON
PLANNING AND PUBLIC WORKS DEPARTMENT

BACKFLOW PREVENTION DEVICE
(INDUSTRIAL, INSTITUTIONAL, COMMERCIAL)

Date MAY 2006

APPROVED

DIRECTOR, ENGINEERING SERVICES

REGION STANDARD RH 410.12