50mmØ WATER SERVICE TO MEET CITY OF BARRIE WATER TRANSMISSION & DISTRIBUTION POLICIES AND DESIGN GUIDELINES

WATERMAIN

CURB STOP

PROPERTY LINE

2000mm (MIN)

900mm PLASTIC PIT SETTER AS PER THE APPROVED MANUFACTURERS' PRODUCT LIST FOR LINEAR WATER SYSTEMS

50mmØ SERVICE 1700mm DEPTH OF COVER TO POST HYDRANT

MAINGUARD
POST HYDRANT
MIN 1000MM
MAX 1500MM
ABOVE GRADE

50mmØ LINE TO HEADER & SOLENOID SWITCHES MIN, 300mm DEPTH

ISOLATION VALVE

HOOKUP TO BLOW OUT THE IRRIGATION SYSTEM

CONE

CURB STOP

2000mm (MIN)

ISOLATION VALVE

1000mm

50mmØ SERVICE LINE

OPTIONAL TO BUILDING SUPPLY; IF APPLICABLE

900mm PLASTIC PIT SETTER PER APPROVED PRODUCT LISTING

RIGHT-OF-WAY PARK (STREET)

GROUND

PL

CURB STOP AND BOX

MIN 2%

2000mm MIN

MIN 2%

50mm Hi-Lo INSULATION

0.6m MIN

50mm WATER METER & DOUBLE CHECK VALVE ASSEMBLY

COPPER PIPE BRACE BAR

PVC SUPPORT

FLANGED ANGLE BALL VALVE

50mm Hi-40 INSULATION

300mm DEPTH 19mm CLEAR STONE WRAPPED IN 270R TERRAFIX FILTER CLOTH (OR EQUIVALENT)

NOTES:
1. ALL MATERIAL SUPPLIES, INSPECTIONS, TESTING, AND SAMPLING TO BE COORDINATED WITH CITY WATER OPERATIONS STAFF, WITH MINIMUM ONE WEEK NOTICE.
2. BACKFLOW DEVICE TEST COCKS TO BE PLUGGED WATER TIGHT.
3. PIT SETTERS SHALL BE ORDERED TO A LENGTH/DEPTH THAT IS CONSISTENT WITH THE INCOMING WATER SERVICE.
4. LIFTRINGS/MOSULOCKS ARE NOT PERMITTED IN THE INSTALLATION OF PIT SETTERS.
5. UPSTREAM AND DOWNSTREAM PIPING (CONNECTION TO THE PIT SETTER) SHALL BE COPPER OR PEX.

WATER METER

IN

431.8mm (17"")

OUT

589.91mm (22 1/8"")

DCVA BACKFLOW PREVENTER (WATTS 007 SERIES)

DETAIL

PARK WATER SERVICE & IRRIGATION DETAIL

Barrie STANDARD DETAIL

BSD-506

DECLARATION/STANDARD DETAIL

DATE: OCT 2017

REV No. 3

SCALE: N.T.S.