



FOR SITE WITHOUT OIL/GRIT SEPARATOR

FOR SITE WITH OIL/GRIT SEPARATOR

INLET CONTROL DEVICE / RESTRICTION PIPE INSTALLATION DETAIL

FOR SITES WITH OIL / GRIT SEPARATOR

- (1) AN ORIFICE PLATE, SIZED IN ACCORDANCE WITH THE RECOMMENDATION OF THE STORM WATER MANAGEMENT REPORT, SHALL BE INSTALLED IN THE CONTROL MANHOLE UPSTREAM OF THE OIL / GRIT SEPARATOR
- (2) A RESTRICTOR PIPE, WITH MANUFACTURER'S STANDARD PIPE SIZE EQUAL TO OR ONE SIZE LARGER THAN THE ORIFICE PLATE DESIGN, SHALL BE INSTALLED BETWEEN THE CONTROL MANHOLE AND THE OIL / GRIT SEPARATOR . THE OIL GRIT SEPARATOR MUST BE LOCATED 1.0 METER FROM THE STREETLINE WITHIN THE PROPERTY
- (3) THE MAXIMUM LENGTH OF THE RESTRICTOR PIPE SHALL BE 5.0m. A MANHOLE SHALL BE INSTALLED AT ANY CHANGE IN PIPE SIZE WITHIN THE SITE.
- (4) DOWNSTREAM OF THE OIL/GRIT SEPARATOR, CONTINUE WITH THE REQUIRED DESIGN STORM SEWER SIZING OR A MINIMUM 200mm DIAMETER STORM SEWER, WHICHEVER IS GREATER.

FOR SITES WITHOUT OIL / GRIT SEPARATOR

- (1) AN ORIFICE PLATE, SIZED IN ACCORDANCE WITH THE RECOMMENDATION OF THE STORM WATER MANAGEMENT REPORT, SHALL BE INSTALLED IN THE CONTROL MANHOLE
- (2) A RESTRICTOR PIPE, MAXIMUM 5.0 METERS IN LENGTH WITH THE MANUFACTURER'S STANDARD PIPE SIZE EQUAL TO OR ONE SIZE LARGER THAN THE ORIFICE PLATE DESIGN, SHALL BE INSTALLED DOWNSTREAM OF THE CONTROL MANHOLE. IF THE RESTRICTOR PIPE IS LESS THAN 200mm IN DIAMETER, THE RESTRICTOR PIPE SHALL EXTEND 1.0 METRE INTO THE CITY RIGHT-OF-WAY AND INCREASE TO A MINIMUM 200mm DIAMETER PIPE SIZE WITH AN ECCENTRIC INCREASER.

NOTE: IF THE DESIGN OF THE ORIFICE PLATE DIAMETER IS THE SAME SIZE AS A MANUFACTURER STANDARD PIPE, AN ORIFICE PLATE WILL NOT BE REQUIRED UPSTREAM OF THE RESTRICTION PIPE.



BRAMPTON
Flower City

INLET CONTROL DEVICE/
RESTRICTION PIPE
INSTALLATION DETAIL

APPROVED:
2007/05/30

ORIGINAL:
2007/05/30

REV. 0

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