

15 YR - 20 MIN. STORM

STORM SEWER HYDRAULICS

Job Name: FOX HAVEN ADDITION
Prepared by: JAM
Job No: 0405084

Checked by: Sheet No: 15YRS1
Date: 11/28/05
Revised:

THE STERLING COMPANY

Table with columns: Upper Str. Number, Len. in, Q in c.f.s., Total Q c.f.s., Pipe Const. Size in, V f.p.s., Vh Ft., Q x Vh, Hyd. Grade, Flow Line Elevation Upper, Top of Structure Elevation Upper Lower, Free Board, Hydraulic Grade Line Upper Lower, Frict. Loss, Curve Loss, Junc. Loss, Entr. Loss, Angle (5 deg), Turn Loss, Capacity Q/Cap. c.f.s., Normal Depth Ft.

NOTE: AI=Area Inlet, M=Manhole, T=Terminal Structure, CI=Curb Inlet, DCI= Double Curb Inlet, SCI=Skewed Curb Inlet, TP=Tangent Point, EP= End of Pipe, DS=Outfall Structure
n=0.013 For RCP, 0.024 For CMP. For Drainage Areas, P.I. & Bypass, See Drainage Area Map.

STORM SEWER HYDRAULICS

Job Name: FOX HAVEN ADDITION
Prepared by: JAM
Job No: 0405084

Checked by: Sheet No: 15YRS2
Date: 11/28/05
Revised:

THE STERLING COMPANY

Table with columns: Upper Str. Number, Len. in, Q in c.f.s., Total Q c.f.s., Pipe Const. Size in, V f.p.s., Vh Ft., Q x Vh, Hyd. Grade, Flow Line Elevation Upper, Top of Structure Elevation Upper Lower, Free Board, Hydraulic Grade Line Upper Lower, Frict. Loss, Curve Loss, Junc. Loss, Entr. Loss, Angle (5 deg), Turn Loss, Capacity Q/Cap. c.f.s., Normal Depth Ft.

NOTE: AI=Area Inlet, M=Manhole, T=Terminal Structure, CI=Curb Inlet, DCI= Double Curb Inlet, SCI=Skewed Curb Inlet, TP=Tangent Point, EP= End of Pipe, DS=Outfall Structure
n=0.013 For RCP, 0.024 For CMP. For Drainage Areas, P.I. & Bypass, See Drainage Area Map.

Plotted by: wtroung
Jan 06, 2006 - 11:05am
Drawing name: K:\0405084_FOX HAVEN ADDITION.dwg
Improvements\5084IMP.dwg

- REVISIONS: 1 REV PER DUCKETT CREEK SANI DISTRICT 9-20-05, 2 REV PER CITY AND WATER DISTRICT COMMENTS 9-28-05, 3 REV PER DUCKETT CREEK SANI DISTRICT 10-17-05, 4 REV PER DUCKETT CREEK SANI DISTRICT 10-24-05, 5 REV PER PUBLIC WATER DISTRICT NO. 2 11-14-05, 6 REV PER CITY OF OTTAWA 12-02-05, 7 REV PER CITY OF OTTAWA 1-9-2006

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DRAWN: DESIGNED: CHECKED:

PROJECT: FOX HAVEN ADDITION
SHEET TITLE: HYDRAULIC CALCULATIONS

NO. 04 05 084
M.S.D. SHEET 11
DIGITAL FILE LOCATION:
ENTER DRWG. NAME OR NO. OF 15