

Drawing name: K:\D\0203043 HWY N (McBride)\IMPROVEMENTS 02-26-03\3043HYDRAULICS.dwg Plotted on: Jun 26, 2003 3:00pm Plotted by: Juelkenhaus

STORM SEWER HYDRAULICS

THE STERLING COMPANY

Ver 1.33

Job Name: Briarchase R.A. 3043 Checked by: D.M. Date: 02-28-03 Revised: \*\*\*\*\*

Table with columns: Upper Str. Type, Struct. Number, Len. in Ft., Area in acre, P. I., Q in c. f. s., Total Q c. f. s., Pipe Size, Const. Grade, V in ft. p. s., Vh in ft., Q x Vh, Hyd. Grade, Flow Line Elevation, Top of Structure Elevation, Free Board, Hydraulic Grade Line, Frict. Loss, Curve Loss, Entr. Loss, Turn Loss, Capacity, Q/Cap., Normal Depth.

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.

THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo.

BASE MAP

Table with columns: ISSUE, REMARKS, DATE. Contains revision history for the drawing.

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Form with fields: DRAWN, DESIGNED, CHECKED, PROJECT, SHEET TITLE, NO., M.S.D., SHEET, P#, SHEET FILE LOCATION, OF.

Table with columns: NO., SHEET, OF. Values: 02, 03, 043, 15, 18.