

NOTE: STORMWATER FLOWRATE FOR OFFSITE AREAS WERE PROVIDED BY VOLZ ENGINEERING AS PART OF THEIR DESIGN OF PAGE AVENUE EXTENSION AND SOUTH OUTER ROAD. THIS FLOWRATE IS BASED ON 50YR. EVENT.

NOTE: EXISTING RUNOFF FROM CALCULATIONS BY PICKETT, RAY & SILVER, INC. DATED 06/19/1988 AND REVISED 06/29/1988 AS SUPPLIED BY THE CITY OF O'FALLON, MISSOURI.



ACTUAL
A = 0.38 Ac./Ac.
PI = 1.87 cfs/Ac.
Q = 0.71 cfs

PRS DESIGN VALUE
A = 0.60 Ac.
PI = 3.20 cfs/Ac.
Q = 1.92 cfs

PRS DESIGN VALUE
A = 0.49 Ac.
PI = 3.20 cfs/Ac.
Q = 1.57 cfs

ACTUAL
A = 0.53 Ac.
PI = 1.87 cfs/Ac.
Q = 0.99 cfs

ACTUAL
A = 0.59 Ac./Ac.
PI = 1.87 cfs/Ac.
Q = 1.10 cfs

PRS DESIGN VALUE
A = 2.02 Ac.
PI = 3.20 cfs/Ac.
Q = 6.46 cfs

ACTUAL
A = 0.77 Ac.
PI = 1.87 cfs/Ac.
Q = 1.44 cfs

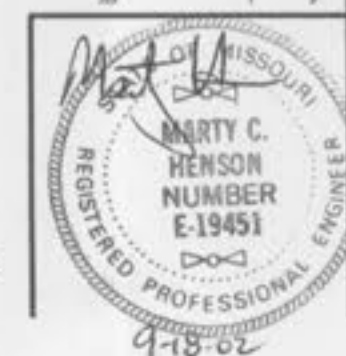
PRS DESIGN VALUE
A = 1.80 Ac.
PI = 3.20 cfs/Ac.
Q = 5.76 cfs

ACTUAL
A = 18.76 Ac.
PI = 1.87 cfs/Ac.
Q = 35.08 cfs

PRS DESIGN VALUE
Q = 148.97 cfs
FOR SITE & OFFSITE AREAS
TRIBUTARY TO 48" SEWER

BYPASS (ACTUAL)
A = 3.41 Ac.
PI = 1.87 cfs/Ac.
Q = 6.38 cfs

EXISTING DRAINAGE AREA MAP
DELMAR GARDENS
Prepared for: DELMAR GARDENS ENTERPRISES, INC.
101 South Hanley Road
St. Louis, Missouri 63105
(314) 862-0045



the clayton engineering company, inc.
ENGINEERS • SURVEYORS • PLANNERS
84 HUBBLE DRIVE, SUITE 100
ST. CHARLES, MISSOURI 63304
(636) 498-6400 FAX (636) 498-6402

Designed	RKF
Drawn	RKF
Checked	MCH
Date	05/21/02
Project Number	00228.1
Sheet Number	DA-1 of 3

The original of this drawing is on file at the office of The Clayton Engineering Company. Any modifications to this drawing shall release said Clayton Engineering Company, the Engineer and/or Surveyor whose seal appears hereon from all liability.