



St Charles County Government
Hydraulic Review Output Data

\\VAULTSERVER\Folder\1800018493 - Progress West Lot Two\Engineering\Hydraulics\18493.txt
5/12/2022
Calculations Under Full Flow

Upp Str	Low Str	PL	S	Upp FL LN	Low FL LN	PS	Upp STEL	Depth HY	Upp HY EL	Low HY EL	Hydr Grade	FR Head	VEL Head	Junc Loss	Turn Loss	Curve Loss	STR Inj Grade	DR Area	PI.	Q	TQ	Pipe Cap	Remarks	
1	A16	C15	102	12	559.72	558.69	1.01	564.92	5.00	559.92	559.92	0.00000	0.00	0.18	0.00	0.00	0.00	0.00	2	6.00		0.14	3.88	
2	C15	FE4	59	12	558.59	558.00	1.00	562.00	2.08	559.92	559.91	0.00010	0.01	0.53	0.00	0.00	0.00	0.00	2	6.00		0.42	3.86	
3	OS3	EXC12	17	18	556.82	555.78	6.12	559.60	1.95	557.65	557.46	0.00230	0.04	3.09	0.15	0.15	0.00	0.00	0	8.00		5.46	28.15	
4	EXC12	EXC11	40	18	555.78	555.77	0.02	559.96	2.50	557.46	557.28	0.00440	0.18	4.27	0.28	0.00	0.00	0.00	2	6.00		7.54	1.61	

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.

PROJECT TITLE:
PROGRESS WEST LOT 2

ENGINEERING PLANNING SURVEYING
221 Point View Blvd.
St. Charles, MO 63301
636-928-5662
FAX 928-1718

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CLIFFORD L. HEITMANN
CIVIL ENGINEER
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REVISIONS

05-19-22	CITY COMMENTS
06-10-22	CITY COMMENTS
06-30-22	CITY COMMENTS

Developer / Owner:
Davis Family Trust
2209 Droste Rd.
St. Charles, MO 63301

P-Z No. #21-009309
Approval Date: 11/04/21
City No. #
Page No.

POST-DEVELOPED DRAINAGE AREA MAP AND STORM SEWER PROFILES

C7

Issue Date: 03/16/2022