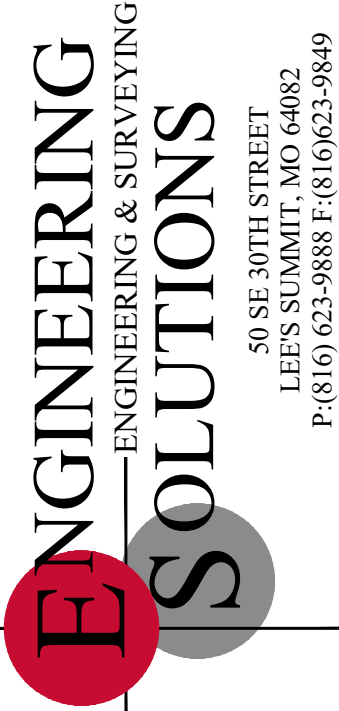




Drainage Area	Area Sq. Ft.	Area Ac.
1	33269.02	0.76
6	16159.8	0.37
10	22401.07	0.51
14	48056.64	1.10
17	11093	0.25
19	28448.12	0.65
20	15039.79	0.35
21	11369.09	0.26
32	28760.67	0.66
33	10009.41	0.23

APWA STORM DRAINAGE "TC" COMPUTATIONS FOR : The Reserve at Stoney Creek - 4th Plat																									
AREA ID	TOTAL ACRES	WTRSHD LENGTH	UP ELEV	DN ELEV	Surface types: Asph/ConcBus/Com Dirt Grass/Park Lake MultFam SnglFam Undev Other																	AREA ID			
					SURFACE CODES		A		B		Dirt		Grass/Park		Lake		MultFam		SnglFam		Undev		Other		
					D		G		L		M		S		U		Z								
					"C" Values		0.90		0.87		0.60		0.30		0.90		0.66		0.51		0.3				
					TOTAL WATERSHED		Overwrite Length - DnElev or Slope if necessary		SURFACE CODE		P=Paved		Overwrite Slope or Elevations if necessary												
OVERLAND FLOW - 100' MAX		CHANNEL FLOW - FIRST REACH		SURFACE CODE	P	or CHANNEL LENGTH	UP ELEV	DN ELEV	SLOPE %	VELOCITY F/S	Cal Overland Flow T(I)	Used Min 5 T(I)	Cal Channel One T(T)	Cal Channel Two T(T)	Total TC @ 10										
"C" VALUE	OVRLN LENGTH	UP ELEV	DN ELEV													SLOPE %									
1	0.76	305.0	1033.0	1017.0	S	0.51	100.0	1033.0	1023.7	9.3	U	205.0	1023.7	1017.0	3.27	2.9	5.1	5.1	1.2	0.0	6.2	1			
6	0.37	425.0	1035.0	1019.1	S	0.51	39.0	1035.0	1034.0	2.6	P	386.0	1034.0	1019.1	3.86	4.0	4.8	5.0	1.6	0.0	6.6	6			
10	0.51	405.0	1033.0	1019.1	S	0.51	61.0	1033.0	1031.0	3.3	P	344.0	1031.0	1019.1	3.46	3.8	5.6	5.6	1.5	0.0	7.1	10			
14	1.10	473.0	1031.9	1018.5	S	0.51	100.0	1031.9	1029.5	2.3	P	373.0	1029.5	1018.5	2.95	3.5	8.0	8.0	1.8	0.0	9.8	14			
17	0.25	316.0	1026.8	1018.5	S	0.51	39.0	1026.8	1026.0	2.0	P	277.0	1026.0	1018.5	2.71	3.3	5.3	5.3	1.4	0.0	6.6	17			
19	0.66	360.0	1037.2	1027.5	S	0.51	100.0	1037.2	1033.5	3.7	P	260.0	1033.5	1027.5	2.31	3.1	6.9	6.9	1.4	0.0	8.3	19			
20	0.35	315.0	1038.0	1032.0	S	0.51	26.0	1038.0	1037.5	2.0	P	289.0	1037.5	1032.0	1.90	2.8	4.3	5.0	1.7	0.0	6.7	20			
21	0.26	276.0	1038.0	1033.0	S	0.51	26.0	1038.0	1037.5	2.0	P	250.0	1037.5	1033.0	1.79	2.7	4.3	5.0	1.5	0.0	6.5	21			
32	0.66	324.0	1037.2	1025.0	S	0.51	85.0	1037.2	1030.5	7.9	U	239.0	1030.5	1025.0	2.30	2.4	4.9	5.0	1.6	0.0	6.6	32			
33	0.23	220.0	1037.2	1031.0	S	0.51	100.0	1037.2	1032.5	4.7	U	120.0	1032.5	1031.0	1.25	1.8	6.3	6.3	1.1	0.0	7.4	33			

AREAS 19, 20 AND 21 ARE TRIBUTARY TO THE MANOR AT STONEY CREEK 4TH PLAT.

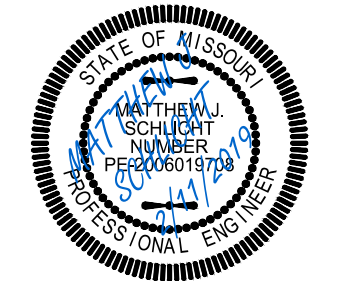


Professional Registration
Missouri
Engineering 2005002188-D
Surveying 200500019-D
Kansas
Engineering E-1895
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

The Reserve at Stoney Creek - 4th Plat
Lee's Summit, Jackson County, Missouri

Project:
AT STONEY CREEK 4TH PLAT
Map Date:
August 2018

Master Drainage Map 3 of 3:
Drainage Area Map
Construction Plans for:
The Reserve at Stoney Creek - 4th Plat
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25526

REVISIONS	
REV. 1-4-19	
REV. 2-11-19	