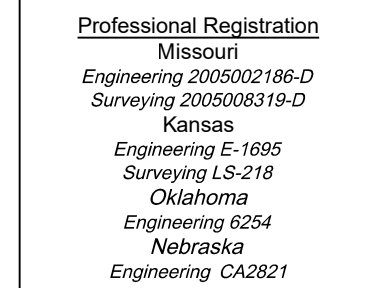


1. Contractor is responsible for verifying all existing utility locations prior to excavation
2. There are no known natural or artificial water storage detention areas, or wetlands in the area designated for construction
3. No part of the project lies within the 100 year flood plain
4. All erosion and sediment control measures need to be implemented prior to construction
5. Additional erosion control may be required by the City Engineer, Design Engineer or Owner at any time problematic areas are noted in the field or existing measures are found to be ineffective
6. Soil in all disturbed areas shall be completed within 14 days of construction inactivity
7. Contractor responsible for all density testing of roadway subgrade and granular base.

[illegible]

GRADING PLAN
SCALE: 1" = 50'

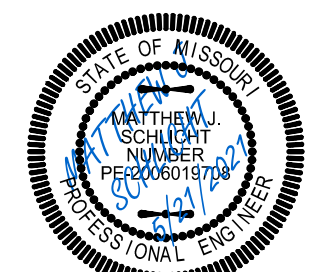


The Reserve at Stoney Creek - 4th Plat
Lee's Summit, Jackson County, Missouri

Project:
THE RESERVE
AT STONEY
CREEK 4TH PLAT

Issue Date:
August , 2018

Master Drainage Plan 1 of 3:
Grading Plan
Construction Plans for:
The Reserve at Stoney Creek - 4th Plat
Lee's Summit, Jackson County, Missouri



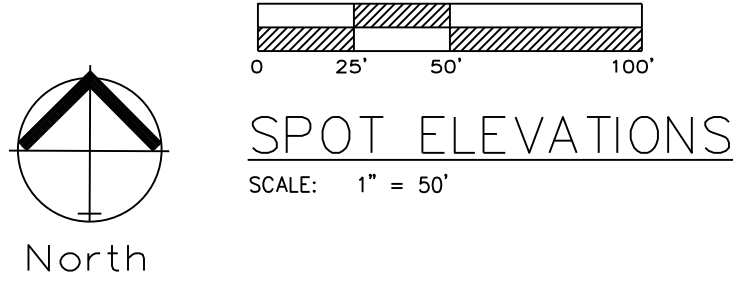
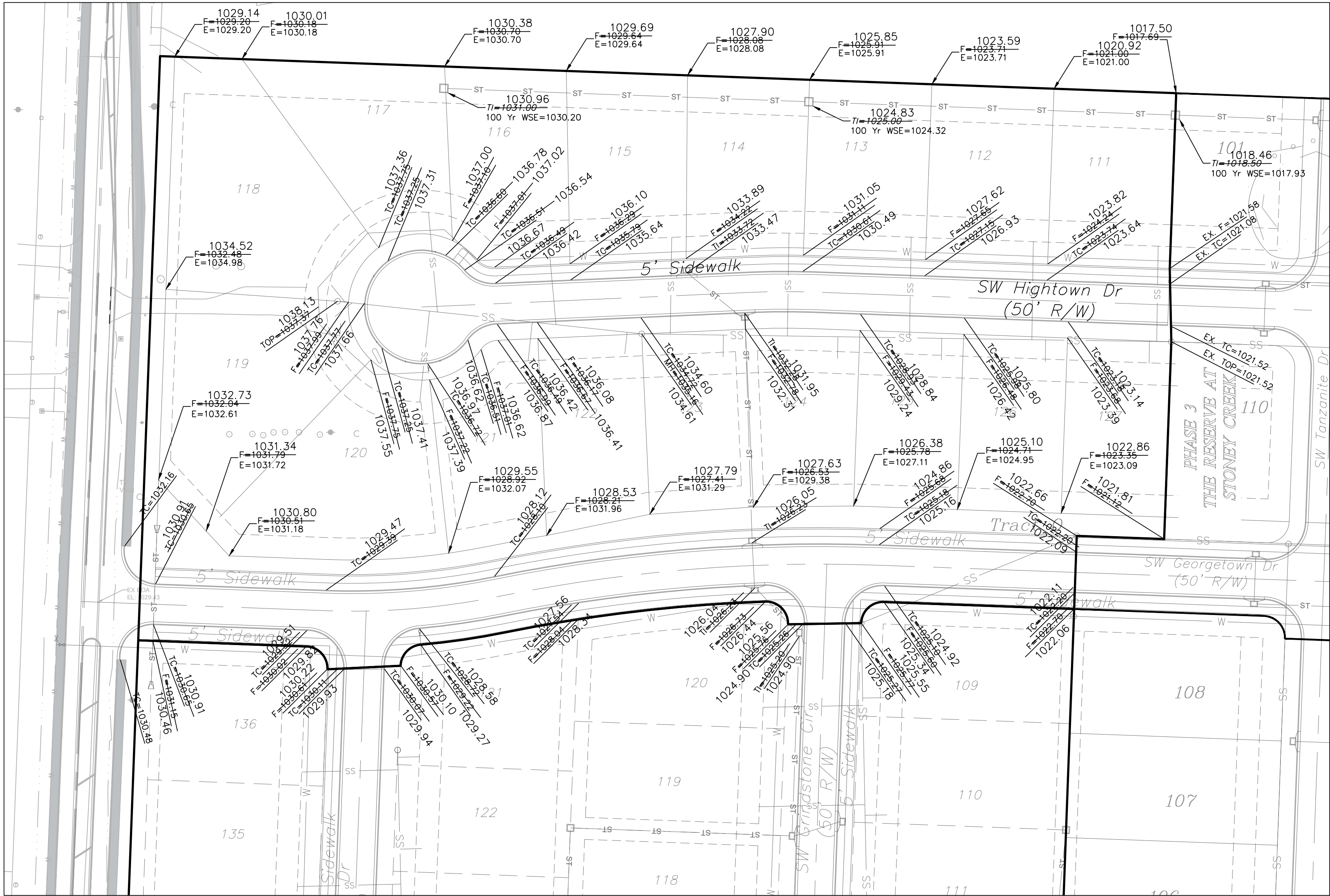
Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226

REVISIONS

5/21/2021 As-Built

900.10
900.00 Indicates data replaced with "As-Built"
information. All other data is as designed
and has not been field verified.

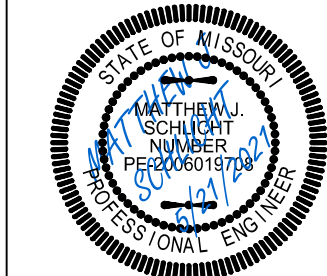
C.200



Lot Number	Basement Type	MBOE (Left Rear)	MBOE (Right Rear)
111	Full/Daylight	1022.04	1019.93
112	Daylight/Walkout	1024.21	1022.04
113	Walkout	1026.32	1024.21
114	Walkout	1028.26	1026.32
115	Walkout	1030.26	1028.26
116	Walkout	1032.20	1030.26
117	Walkout	1031.18	1032.20
118	Daylight/Walkout	1034.31	1031.18
119	Daylight/Walkout	1033.60	1034.31
120	Walkout	1034.40	1033.60
121	Walkout	1033.36	1034.40
122	Walkout	1031.52	1033.36
123	Daylight	1029.81	1031.52
124	Daylight	1028.15	1029.81
125	Daylight	1026.32	1028.15
126	Full	1024.44	1026.32
127	Full	1022.58	1024.44

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

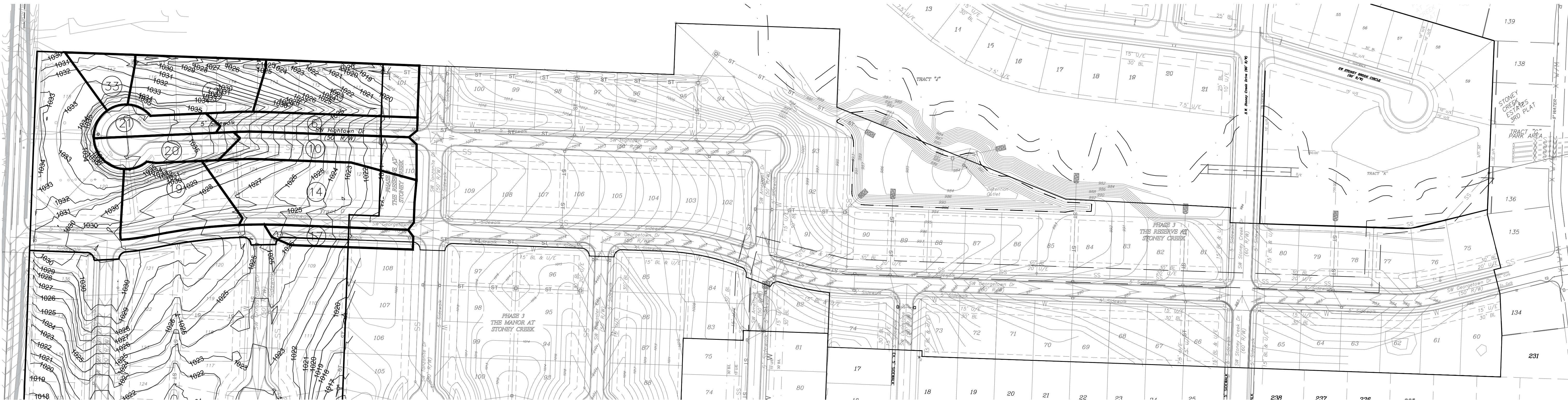
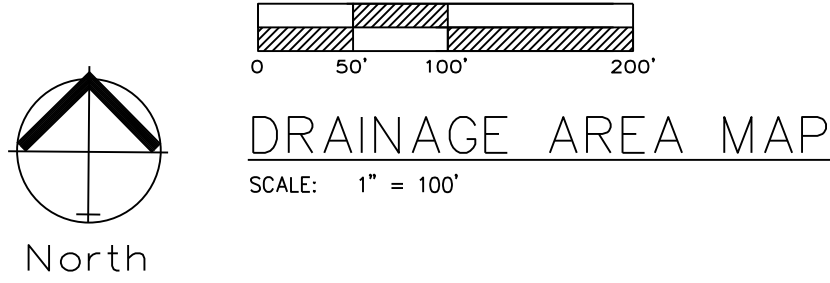
Master Drainage Plan 2 of 3:
Spot Elevations
Construction Plans for:
The Reserve at Stoney Creek - 4th Plat
Lee's Summit, Jackson County, Missouri



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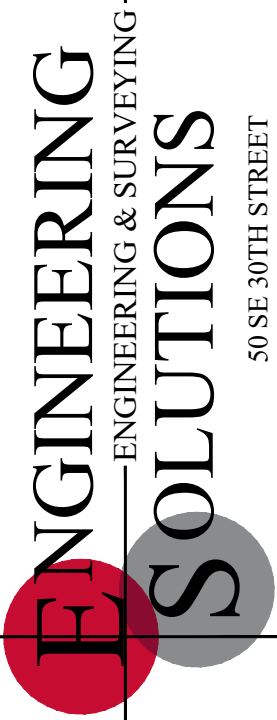
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Drainage Area	Area Sq. Ft.	Area Ac.
1	33269.02	0.76
6	16159.8	0.37
10	22401.07	0.51
14	48056.64	1.10
17	11093	0.25
19	28448.12	0.65
20	15039.79	0.35
21	11369.09	0.26
32	28760.67	0.66
33	10009.41	0.23

APWA STORM DRAINAGE "TC" COMPUTATIONS FOR : The Reserve at Stoney Creek - 4th Plat																						
AREA ID	yellow areas are self computing overwrite if necessary				Surface types: Asph/ConcBus/Com SURFACE CODES: A B G				Dirt Grass/Park D G				Lake	MultFam	SnglFam	Undev	Other	TC COMPUTATION				AREA ID
					"C" Values				0.90 0.87 0.60 0.30				0.90	0.66	0.51	0.3						
					Overwrite Length - DN Elev or Slope if necessary				SURFACE CODES				P=Paved U=Unpaved				Overwrite Slope or Elevations if necessary					
	TOTAL WATERSHED				OVERLAND FLOW - 100' MAX				P or CHANNEL				CHANNEL FLOW - FIRST REACH									
	ACRES	WTRSHD LENGTH	UP ELEV	DN ELEV	SURFACE CODE	"C" VALUE	OVRLND LENGTH	UP ELEV	DN ELEV	SLOPE %	or CHANNEL LENGTH	UP ELEV	DN ELEV	SLOPE %	VELOCITY F/S	Cal Overland Flow T(I)	Used Min 5 Max 15 T(I)	Cal Channel One T(T)	Cal Channel Two T(T)	Total T@ 10		
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.

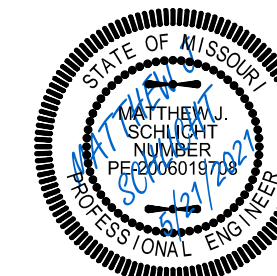


Professional Registration
Missouri
Engineering 2005002188-D
Surveying 200500319-D
Kansas
Engineering E-1895
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

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

Project: RESERVE
AT STONEY
CREEK 4TH PLAT
Issue 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
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KS PE 19071
OK PE 25326

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