

USER: jelliers

DWG: F:\2018\1001-1500\018-1140-A\40-Design\AutoCAD\As-Built\Sheets\018-1140A.dwg
DATE: Jan 22, 2021 11:13am



Key Map

NOTES:

1. INDIVIDUAL LOT OWNERS SHALL NOT CHANGE OR OBSTRUCT THE DRAINAGE FLOW LINES OR PATHS ON THE LOTS, AS SHOWN ON THE MASTER DRAINAGE PLAN, UNLESS SPECIFIC APPLICATION IS MADE AND APPROVED BY THE CITY ENGINEER.

2. PLAT IS LOCATED IN ZONE X, "AREAS OUTSIDE THE 1-PERCENT ANNUAL CHANCE FLOODPLAINS, AREAS OF 1-PERCENT ANNUAL CHANCE SHEET FLOW FLOODING WHERE THE AVERAGE DEPTHS ARE LESS THAN 1 FOOT, AREAS OF 1-PERCENT ANNUAL CHANCE STREAM FLOODING WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN 1 SQUARE MILE, OR AREAS PROTECTED FROM THE 1-PERCENT ANNUAL CHANCE FLOOD BY LEVEES. NO BASE FLOOD ELEVATIONS OR DEPTHS ARE SHOWN WITHIN THIS ZONE"

3. BUFFER ZONE FOR NATURAL STREAMS IS LOCATED WITHIN PLAT.

4. REFER TO SHEET C112-C114 FOR SWALE GRADING DETAILS.

5. NO BUILDING PERMITS WILL BE ISSUED UNTIL AN AS-GRADED MASTER DRAINAGE PLAN HAS BEEN SUBMITTED TO THE CITY AND APPROVED BY THE CITY.

RMLO - REAR MINIMUM LOW OPENING
FMLO - FRONT MINIMUM LOW OPENING

LOT TYPES:

S - STANDARD
D - DAYLIGHT
W - WALKOUT

BASIN B1 (TRACT G) CONDITIONS:
100-YEAR W.S.E. (NON-CLOGGED): 926.48
CLOGGED CONDITION (ALL FLOW THROUGH EMERGENCY SPILLWAY): 928.84

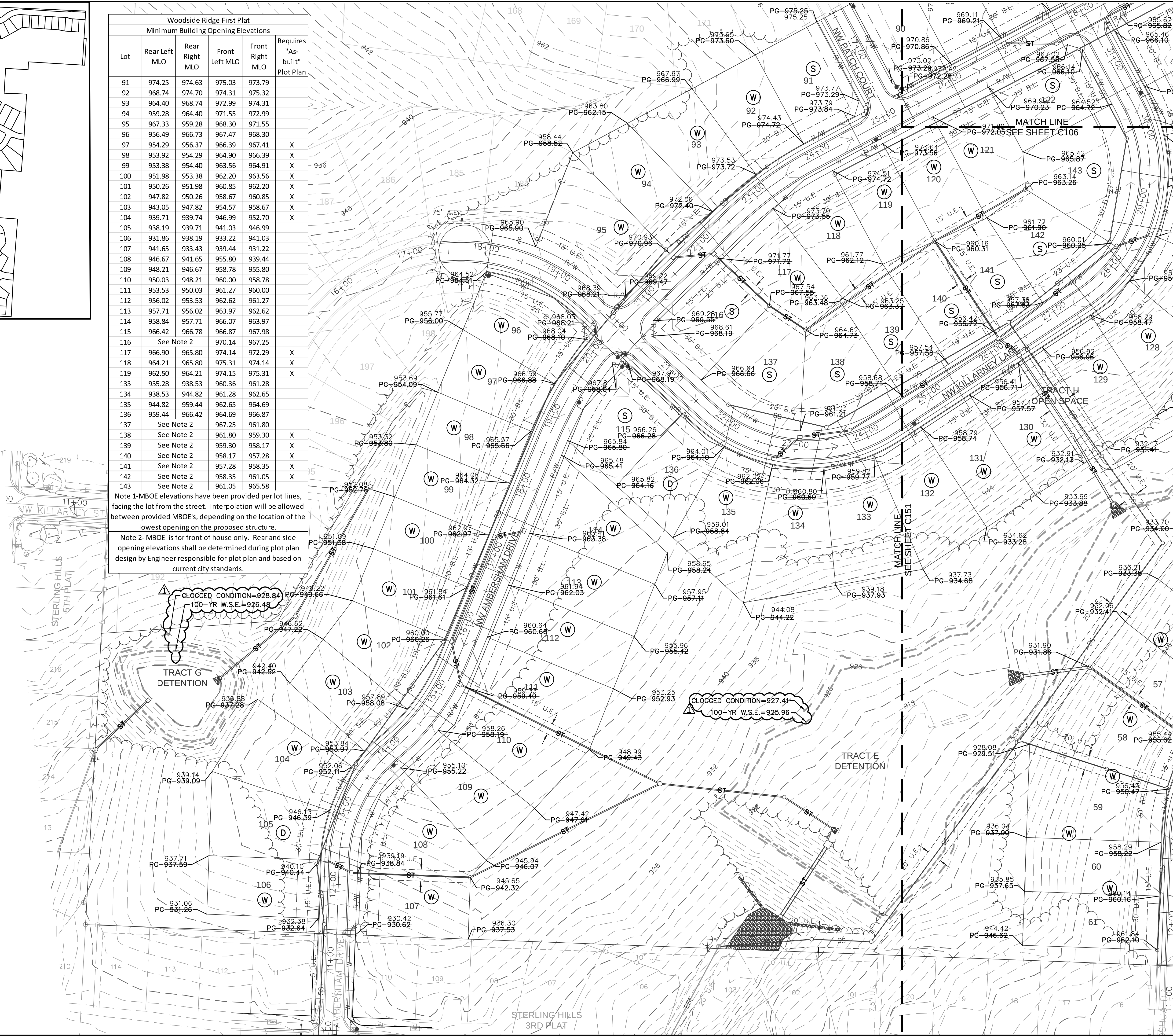
BASIN C1 DETENTION (TRACT E):
100-YEAR W.S.E. (NON-CLOGGED): 925.96
CLOGGED CONDITION (ALL FLOW THROUGH EMERGENCY SPILLWAY): 927.41

AS-BUILT

Woodside Ridge First Plat					
Minimum Building Opening Elevations					
Lot	Rear Left MLO	Rear Right MLO	Front Left MLO	Front Right MLO	Requires "As-built" Plot Plan
91	974.25	974.63	975.03	973.79	
92	968.74	974.70	974.31	975.32	
93	964.40	968.74	972.99	974.31	
94	959.28	964.40	971.55	972.99	
95	967.33	959.28	968.30	971.55	
96	956.49	966.73	967.47	968.30	
97	954.29	956.37	966.39	967.41	X
98	953.92	954.29	964.90	966.39	X
99	953.38	954.40	963.56	964.91	X
100	951.98	953.38	962.20	963.56	X
101	950.26	951.98	960.85	962.20	X
102	947.82	950.26	958.67	960.85	X
103	943.05	947.82	954.57	958.67	X
104	939.71	939.74	946.99	952.70	X
105	938.19	939.71	941.03	946.99	
106	931.86	938.19	933.22	941.03	
107	941.65	933.43	939.44	931.22	
108	946.67	941.65	955.80	939.44	
109	948.21	946.67	958.78	955.80	
110	950.03	948.21	960.00	958.78	
111	953.53	950.03	961.27	960.00	
112	956.02	953.53	962.62	961.27	
113	957.71	956.02	963.97	962.62	
114	958.84	957.71	966.07	963.97	
115	966.42	966.78	966.87	967.98	
116	See Note 2		970.14	967.25	
117	966.90	965.80	974.14	972.29	X
118	964.21	965.80	975.31	974.14	X
119	962.50	964.21	974.15	975.31	X
133	935.28	938.53	960.36	961.28	
134	938.53	944.82	961.28	962.65	
135	944.82	959.44	962.65	964.69	
136	959.44	966.42	964.69	966.87	
137	See Note 2		967.25	961.80	
138	See Note 2		961.80	959.30	X
139	See Note 2		959.30	958.17	X
140	See Note 2		958.17	957.28	X
141	See Note 2		957.28	958.35	X
142	See Note 2		958.35	961.05	X
143	See Note 2		961.05	965.58	

Note 1-MBOE elevations have been provided per lot lines, facing the lot from the street. Interpolation will be allowed between provided MBOE's, depending on the location of the lowest opening on the proposed structure.

Note 2-MBOE is for front of house only. Rear and side opening elevations shall be determined during plot plan design by Engineer responsible for plot plan and based on current city standards.



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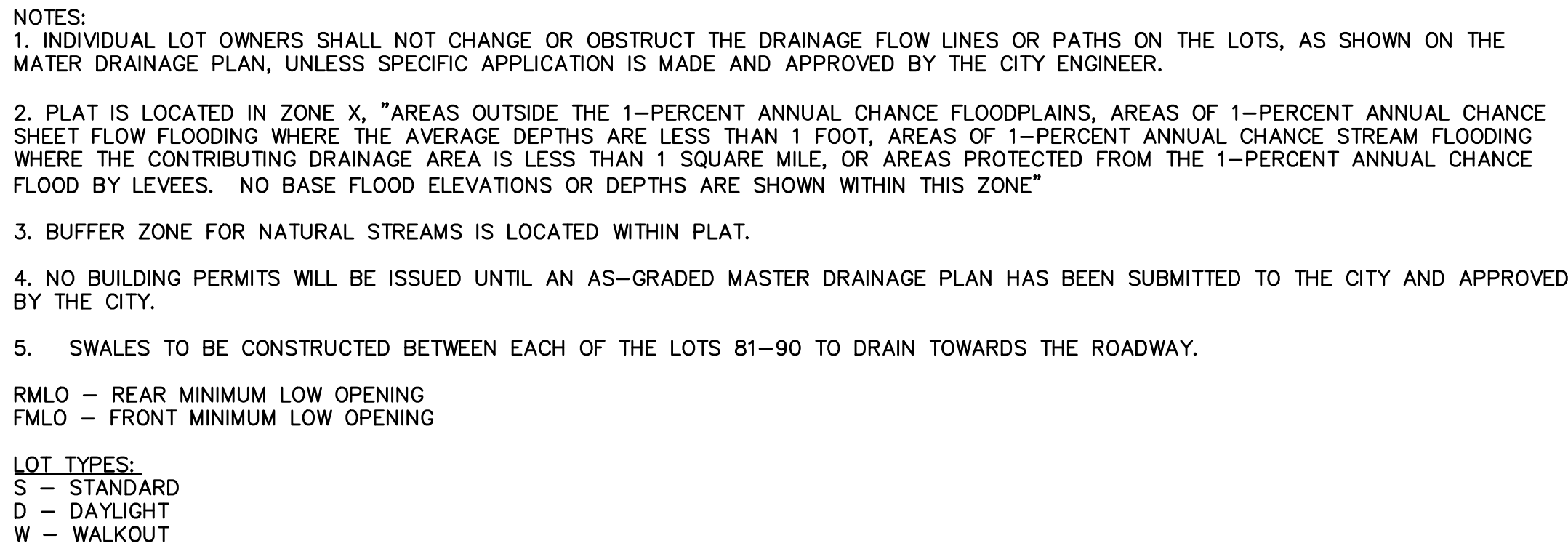
NS: Certified Professional Engineer No. 001892
KS: Registered Professional Engineer No. 001892
NORTH KANSAS CITY, MO 64116
TEL: 816.981.1177
www.olsson.com

STATE OF MISSOURI
JULIE ELAINE SELLERS
Professional Engineer
NUMBER PE 2017000367
1/22/21

BY: [Signature]
NO. REV. [Table]
DATE 4/2/2019
REVISIONS DESCRIPTION [Table]

MASTER DRAINAGE PLAN
STREET & STORM SEWER PLANS
WOODSIDE RIDGE
FIRST PLAT
LEE'S SUMMIT, MO
2019
SHEET C150

Key Map

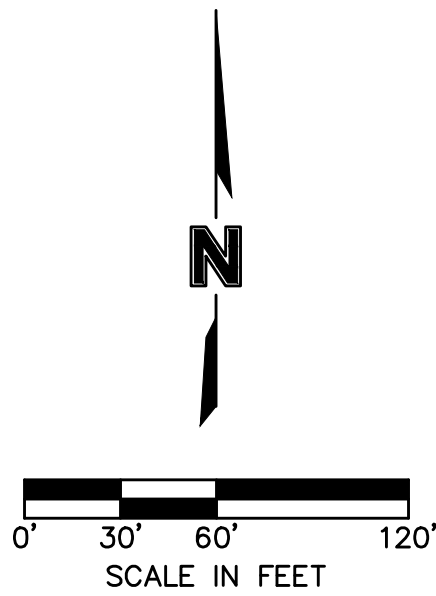


AS-BUILT

NOTES:
1. INDIVIDUAL LOT OWNERS SHALL NOT CHANGE OR OBSTRUCT THE DRAINAGE FLOW LINES OR PATHS ON THE LOTS, AS SHOWN ON THE MASTER DRAINAGE PLAN, UNLESS SPECIFIC APPLICATION IS MADE AND APPROVED BY THE CITY ENGINEER.
2. PLAT IS LOCATED IN ZONE X, "AREAS OUTSIDE THE 1-PERCENT ANNUAL CHANCE FLOODPLAINS, AREAS OF 1-PERCENT ANNUAL CHANCE SHEET FLOW FLOODING WHERE THE AVERAGE DEPTHS ARE LESS THAN 1 FOOT, AREAS OF 1-PERCENT ANNUAL CHANCE STREAM FLOODING WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN 1 SQUARE MILE, OR AREAS PROTECTED FROM THE 1-PERCENT ANNUAL CHANCE FLOOD BY LEVEES. NO BASE FLOOD ELEVATIONS OR DEPTHS ARE SHOWN WITHIN THIS ZONE"
3. BUFFER ZONE FOR NATURAL STREAMS IS LOCATED WITHIN PLAT.
4. NO BUILDING PERMITS WILL BE ISSUED UNTIL AN AS-GRADED MASTER DRAINAGE PLAN HAS BEEN SUBMITTED TO THE CITY AND APPROVED BY THE CITY.
5. SWALES TO BE CONSTRUCTED BETWEEN EACH OF THE LOTS 1-3 TO DRAIN TOWARDS THE ROADWAY.

RMLO - REAR MINIMUM LOW OPENING
FMLO - FRONT MINIMUM LOW OPENING

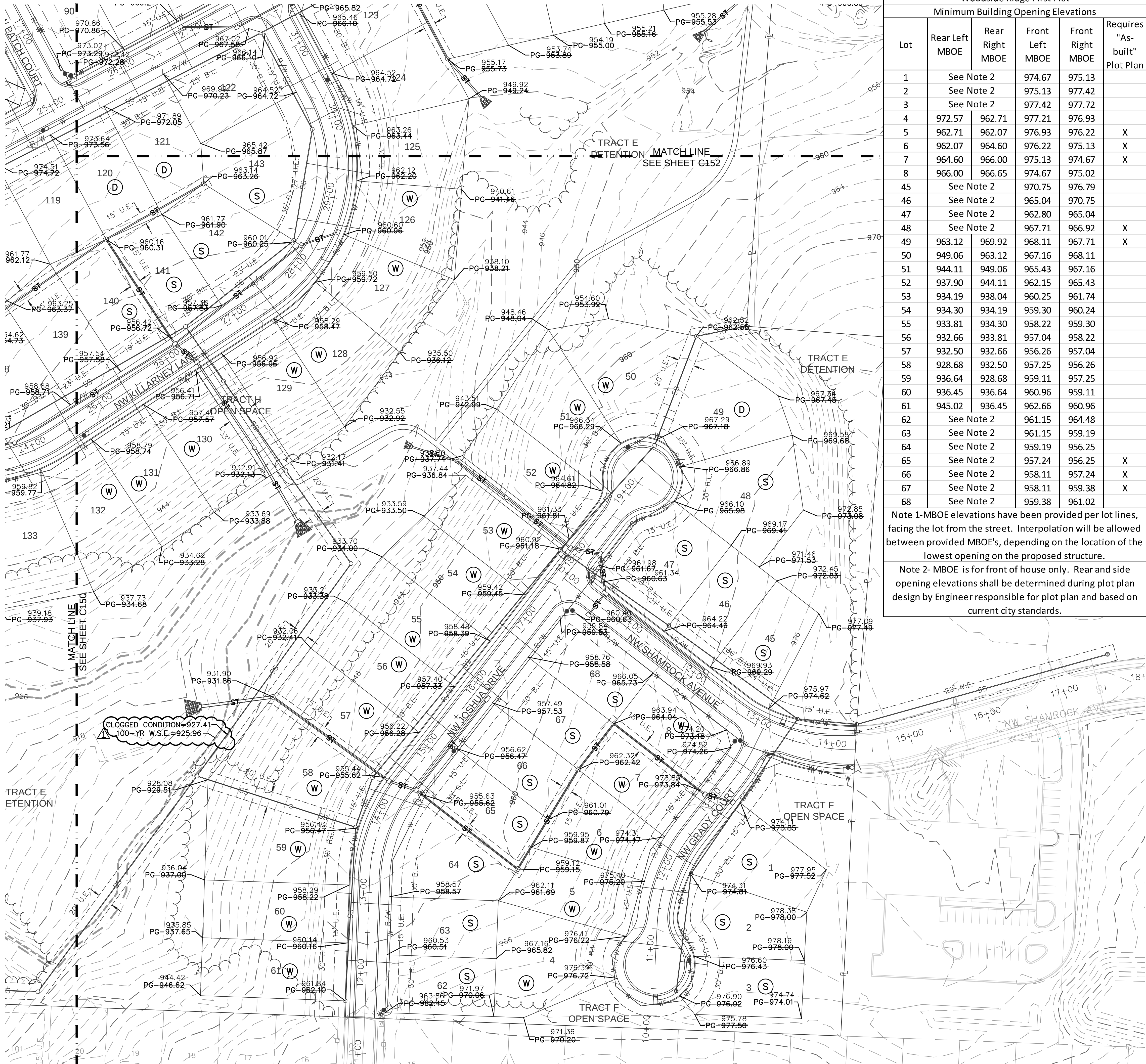
LOT TYPES:
S - STANDARD
D - DAYLIGHT
W - WALKOUT



AS-BUILT



Key Map



Woodside Ridge First Plat					
Minimum Building Opening Elevations					
Lot	Rear Left MBOE	Rear Right MBOE	Front Left MBOE	Front Right MBOE	Requires "As-built" Plot Plan
1	See Note 2		974.67	975.13	
2	See Note 2		975.13	977.42	
3	See Note 2		977.42	977.72	
4	972.57	962.71	977.21	976.93	
5	962.71	962.07	976.93	976.22	X
6	962.07	964.60	976.22	975.13	X
7	964.60	966.00	975.13	974.67	X
8	966.00	966.65	974.67	975.02	
45	See Note 2		970.75	976.79	
46	See Note 2		965.04	970.75	
47	See Note 2		962.80	965.04	
48	See Note 2		967.71	966.92	X
49	963.12	969.92	968.11	967.71	X
50	949.06	963.12	967.16	968.11	
51	944.11	949.06	965.43	967.16	
52	937.90	944.11	962.15	965.43	
53	934.19	938.04	960.25	961.74	
54	934.30	934.19	959.30	960.24	
55	933.81	934.30	958.22	959.30	
56	932.66	933.81	957.04	958.22	
57	932.50	932.66	956.26	957.04	
58	928.68	932.50	957.25	956.26	
59	936.64	928.68	959.11	957.25	
60	936.45	936.64	960.96	959.11	
61	945.02	936.45	962.66	960.96	
62	See Note 2		961.15	964.48	
63	See Note 2		961.15	959.19	
64	See Note 2		959.19	956.25	
65	See Note 2		957.24	956.25	X
66	See Note 2		958.11	957.24	X
67	See Note 2		958.11	959.38	X
68	See Note 2		959.38	961.02	

Note 1-MBOE elevations have been provided per lot lines, facing the lot from the street. Interpolation will be allowed between provided MBOE's, depending on the location of the lowest opening on the proposed structure.

Note 2- MBOE is for front of house only. Rear and side opening elevations shall be determined during plot plan design by Engineer responsible for plot plan and based on current city standards.

BY

REVISIONS DESCRIPTION

NO. REV.

DATE

4/2/2019

REVISED PER CITY COMMENTS

MASTER DRAINAGE PLAN
STREET & STORM SEWER PLANS

WOODSIDE RIDGE
FIRST PLAT

LEE'S SUMMIT, MO

2019

olsson

STATE OF MISSOURI
JULIE ELAINE
SELLERS
Professional Engineer
NUMBER
PE 2017000367
1/22/21

drawn by: D.A.H.Q.
checked by: J.E.S.
designed by: S.M.S.
QA/QC by: M.G.D.
project no.: A18-1140
date: 2019.03.12

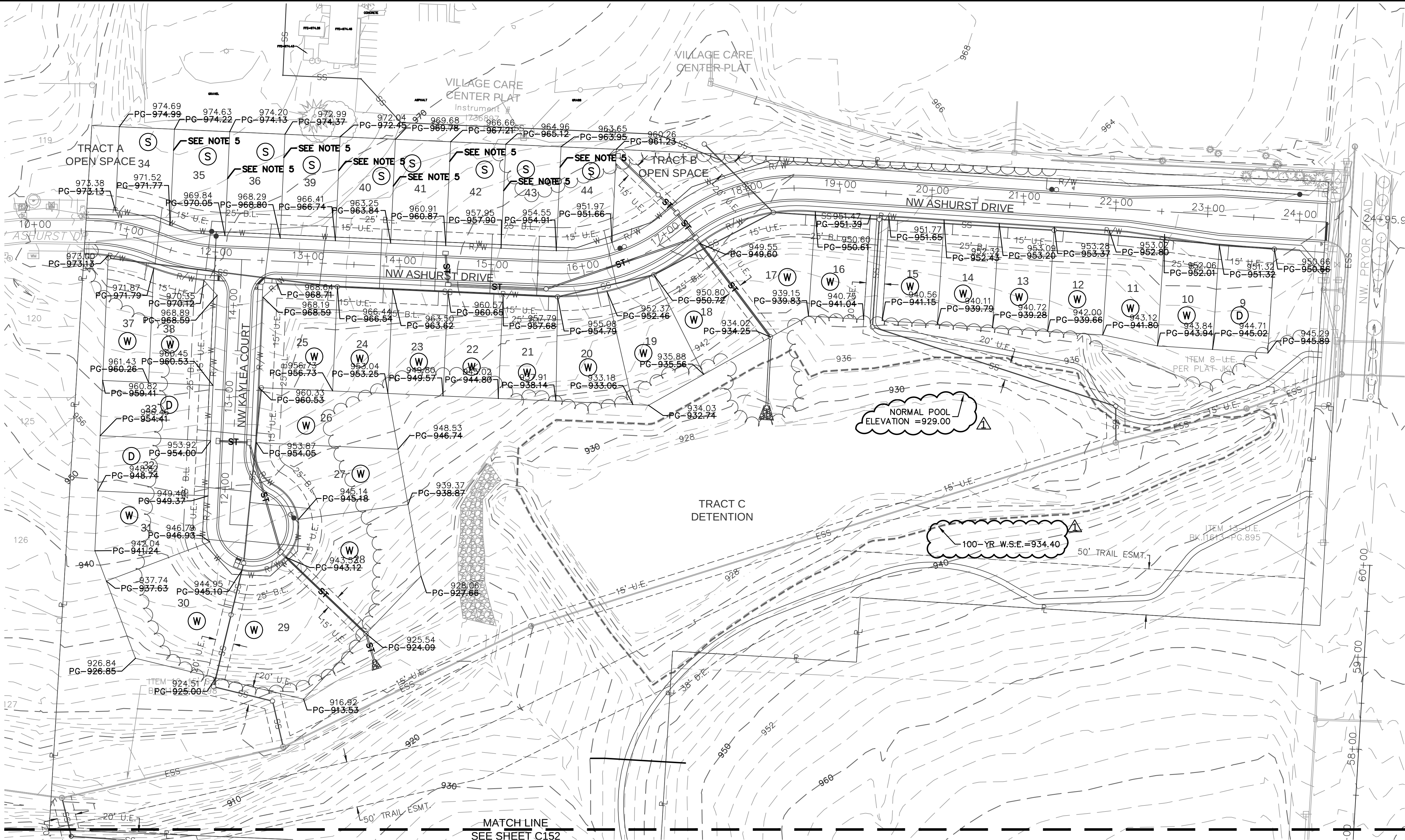
SHEET
C152

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1901 E. Main Street, Suite 100
North Kansas City, MO 64116

Woodside Ridge First Plat					
Minimum Building Opening Elevations					Requires "As- built" Plot Plan
Lot	Rear Left MBOE	Rear Right MBOE	Front Left MBOE	Front Right MBOE	
9	945.89	945.31	951.48	952.14	
10	945.31	944.44	952.14	952.88	
11	944.44	943.72	952.88	953.84	
12	943.72	942.60	953.84	954.10	
13	942.60	941.32	954.08	953.91	X
14	941.32	940.71	953.91	953.14	X
15	940.71	941.16	953.14	952.59	X
16	941.35	939.75	952.29	951.42	X
17	939.75	934.75	951.42	950.37	X
18	934.62	936.48	950.37	951.62	X
19	936.48	933.78	951.62	953.19	X
20	933.78	938.51	953.19	955.90	X
21	938.51	945.62	955.90	958.61	X
22	961.17	950.40	958.61	945.84	
23	950.40	953.64	961.39	964.32	
24	953.64	957.33	964.32	967.26	
25	957.33	960.93	967.26	969.01	
26	953.64	949.13	961.15	954.69	
27	949.13	939.97	954.69	945.96	
28	939.97	926.14	945.96	944.35	
29	926.14	925.11	944.35	945.77	
30	925.11	938.34	945.77	947.52	
31	938.34	949.42	947.52	950.22	
32	949.42	957.06	950.22	954.74	
33	957.06	961.42	954.74	961.27	
34	See Note 2		974.20	972.34	
35	See Note 2		972.34	970.66	
36	See Note 2		970.66	969.11	
37	962.03	961.42	972.69	973.82	
38	961.05	962.03	969.71	972.69	
39	See Note 2		969.11	967.23	
40	See Note 2		967.23	964.07	
41	See Note 2		964.07	961.73	
42	See Note 2		961.73	958.77	
43	See Note 2		958.77	955.37	
44	See Note 2		955.37	952.79	
Note 1-MBOE elevations have been provided per lot lines, facing the lot from the street. Interpolation will be allowed between provided MBOE's, depending on the location of the lowest opening on the proposed structure.					
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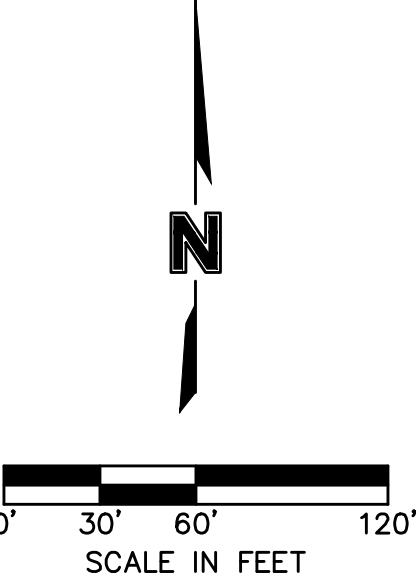


Key Map



- NOTES:
1. INDIVIDUAL LOT OWNERS SHALL NOT CHANGE OR OBSTRUCT THE DRAINAGE FLOW LINES OR PATHS ON THE LOTS, AS SHOWN ON THE WATER DRAINAGE PLAN, UNLESS SPECIFIC APPLICATION IS MADE AND APPROVED BY THE CITY ENGINEER.
 2. PLAT IS LOCATED IN ZONE X, "AREAS OUTSIDE THE 1-PERCENT ANNUAL CHANCE FLOODPLAINS, AREAS OF 1-PERCENT ANNUAL CHANCE SHEET FLOW FLOODING WHERE THE AVERAGE DEPTHS ARE LESS THAN 1 FOOT, AREAS OF 1-PERCENT ANNUAL CHANCE STREAM FLOODING WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN 1 SQUARE MILE, OR AREAS PROTECTED FROM THE 1-PERCENT ANNUAL CHANCE FLOOD BY LEVES. NO BASE FLOOD ELEVATIONS OR DEPTHS ARE SHOWN WITHIN THIS ZONE"
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 5. SWALES TO BE CONSTRUCTED BETWEEN EACH OF THE LOTS 34-36, 39-44 TO DRAIN TOWARDS THE ROADWAY
- RMLO - REAR MINIMUM LOW OPENING
FMLO - FRONT MINIMUM LOW OPENING
- LOT TYPES:
S - STANDARD
D - DAYLIGHT
W - WALKOUT

EXISTING POND CONDITIONS:
100-YEAR W.S.E. (NON-CLOGGED): 934.38
NORMAL POOL ELEVATION: 929.00
CLOGGED CONDITION: 936.68
NOTE: THERE IS NO EMERGENCY SPILLWAY, ASSUMED POND FULL UP TO 934.38 AND WATER OVERTOPS THE ENTIRE EXISTING DAM WITH TOP OF DAM ELEVATION 935, LENGTH 250'



AS-BUILT

olsson

STATE OF MISSOURI
JULIE ELAINE SELLERS
Professional Engineer
NUMBER PE 2017000367
1/22/21

BY	REVISIONS DESCRIPTION	NO.	REV.	DATE	REVISED PER CITY COMMENTS
				03/12/2019	

MASTER DRAINAGE PLAN
STREET & STORM SEWER PLANS

WOODSIDE RIDGE
FIRST PLAT

LEE'S SUMMIT, MO

2019

drawn by: D.A.H.
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SHEET
C153