

Louiselle Park

A TRACT OF LAND BEING PART OF
 LOTS 2 AND ALL OF LOT 3 OF AMELING SUBDIVISION (P.B.14, PG.66),
 IN U.S. SURVEY 2040, TOWNSHIP 46 NORTH, RANGE 5 EAST,
 CITY OF MARYLAND HEIGHTS, ST. LOUIS COUNTY, MISSOURI

Preliminary Plat

GENERAL NOTES:

- THIS SITE IS IN THE FOLLOWING DISTRICTS:
 METROPOLITAN ST. LOUIS SEWER DISTRICT
 MARYLAND HEIGHTS FIRE PROTECTION DISTRICT
 PARKWAY SCHOOL DISTRICT
 MARYLAND HEIGHTS WARD 2
- THIS SITE IS IN THE FOLLOWING UTILITY SERVICE AREAS:
 MISSOURI AMERICAN WATER COMPANY
 AMEREN MISSOURI
 AT&T
 SPIRE
 CHARTER COMMUNICATIONS
- ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO CITY OF MARYLAND HEIGHTS STANDARDS.
- SANITARY SEWER CONSTRUCTION AND CONNECTIONS SHALL BE AS APPROVED BY THE METROPOLITAN ST. LOUIS SEWER DISTRICT AND IN ACCORDANCE WITH THE STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES.
- STORM WATER SYSTEM SHALL BE DESIGNED PURSUANT TO CITY OF MARYLAND HEIGHTS AND METROPOLITAN ST. LOUIS SEWER DISTRICT REQUIREMENTS AND DISCHARGE AT AN ADEQUATE NATURAL DISCHARGE POINT. SINKHOLES ARE NOT ADEQUATE DISCHARGE POINTS.
- NO SLOPES SHALL EXCEED 3 (HORIZONTAL) TO 1 (VERTICAL), UNLESS JUSTIFIED BY GEOTECHNICAL REPORT WHICH HAS BEEN ACCEPTED/APPROVED BY THE CITY OF MARYLAND HEIGHTS.
- THE LOCATION OF STORM AND SANITARY SEWER IMPROVEMENTS ARE APPROXIMATE ONLY. ACTUAL LOCATION SHALL BE DETERMINED BY FIELD CONDITIONS AND SHALL BE INDICATED ON THE IMPROVEMENT PLANS.
- ALL GRADING AND DRAINAGE SHALL BE IN CONFORMANCE WITH CITY OF MARYLAND HEIGHTS MSD STANDARDS. SOURCE OF TOPOGRAPHY: LIDAR
- STREET TREES AND STREET LIGHTING (UNLESS OTHERWISE DEPICTED) SHALL BE PER CITY OF MARYLAND HEIGHTS STANDARDS.
- NEAREST MAJOR INTERSECTION: DORSETT RD. AND RULE AVE. 1 MILE TO THE SOUTH.
- ALL SIDEWALKS SHALL BE CONSTRUCTED TO ADA AND CITY OF MARYLAND HEIGHTS STANDARDS.
- PROPOSED STREETS TO BE PUBLIC 26 FOOT WIDE PAVEMENT IN A 50 FOOT WIDE RIGHT-OF-WAY.
- THE STRUCTURE AND DRIVEWAY DEPICTIONS SHOWN HEREON ARE INTENDED FOR CITY STAFF REVIEW PURPOSES ONLY. THE ACTUAL HOME PRODUCT, SIZE, GARAGE AND DRIVEWAY ORIENTATION CHOSEN FOR EACH LOT WILL VARY AND WILL BE PRESENTED TO THE CITY AT THE TIME OF BUILDING PERMITS.
- PARKING WILL BE PROHIBITED ON THE SOUTH SIDE OF STREET "A" AND THE EAST SIDE OF STREET "B".

CURRENT OWNER:

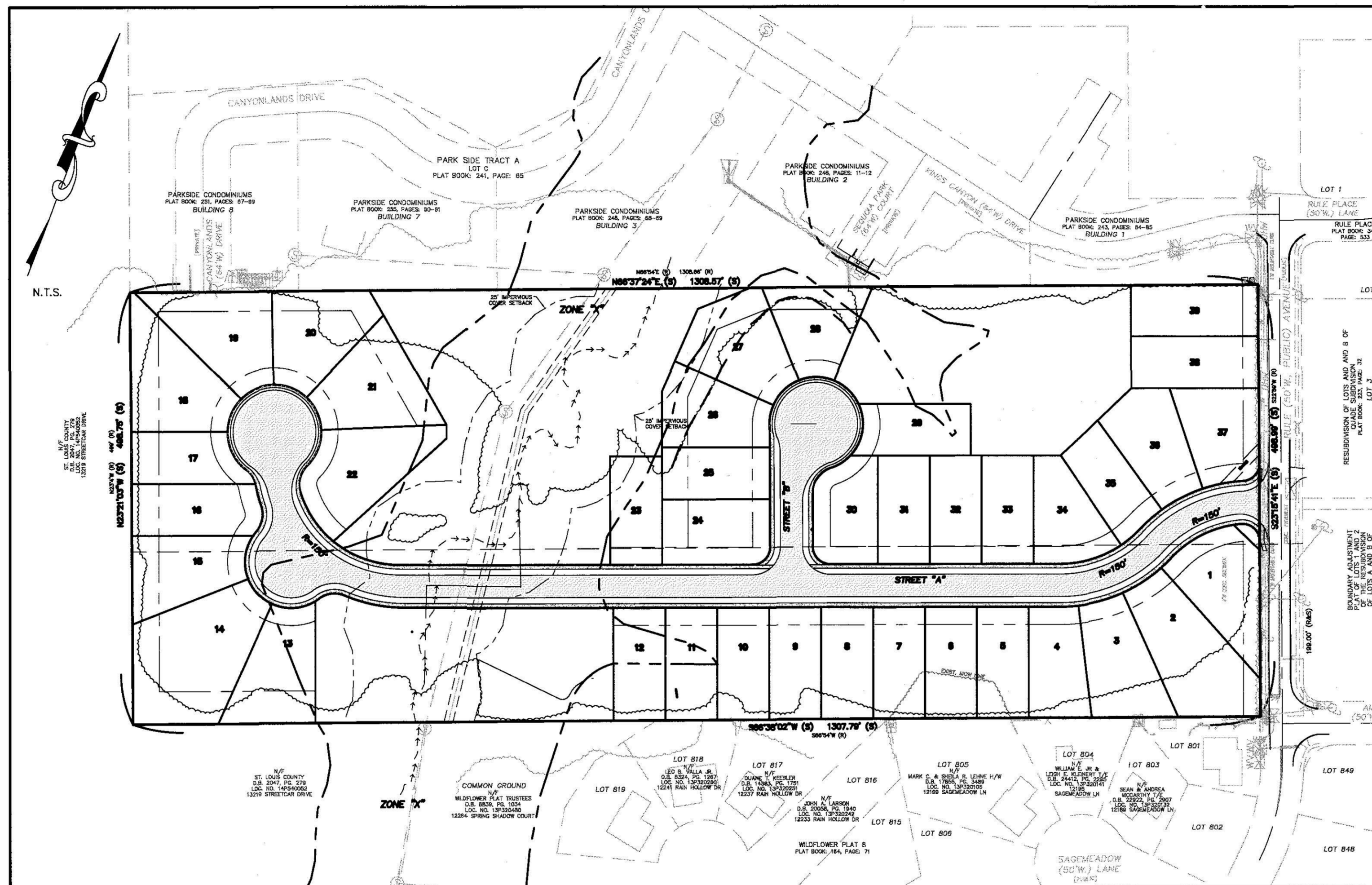
RULE AVENUE DEVELOPMENT LLC
 17415 NORTH OUTER FORTY ROAD
 CHESTERFIELD, MISSOURI 63005

DEVELOPMENT NOTES:

LOCATOR NUMBER: 13P320527
 EXISTING ZONING: R5 (CITY OF MARYLAND HEIGHTS)
 EXISTING USE: SINGLE FAMILY RESIDENTIAL
 PROPOSED USE: SINGLE FAMILY RESIDENTIAL
 GROSS AREA OF SITE: 14.98 ACRES
 PROPOSED COMMON GROUND: 4.38 ACRES
 PROPOSED RIGHT-OF-WAY: 2.10 ACRES
 NET AREA: 12.88 ACRES
 DENSITY CALCULATIONS: $(12.88 \text{ AC.}) \times 43,560 \text{ SQ.FT.} = 74 \text{ LOTS ALLOWABLE}$
 7,500 SQ.FT.
 TOTAL LOTS PROPOSED: 39
 PARKING CALCULATIONS: SPACED REQUIRED: 156 (4 SPACES PER LOT, AT LEAST TWO OF WHICH SHALL BE IN AN ENCLOSED GARAGE)
 SPACES PROVIDED: 78 GARAGE SPACES
 78 DRIVEWAY SPACES
 156 TOTAL SPACES PROVIDED (4 SPACES/LOT)

LOT DATA:

MINIMUM LOT: 7,500 SQ. FT.
 MAXIMUM LOT: 16,699 SQ. FT.
 AVERAGE LOT: 9,482 SQ.FT.

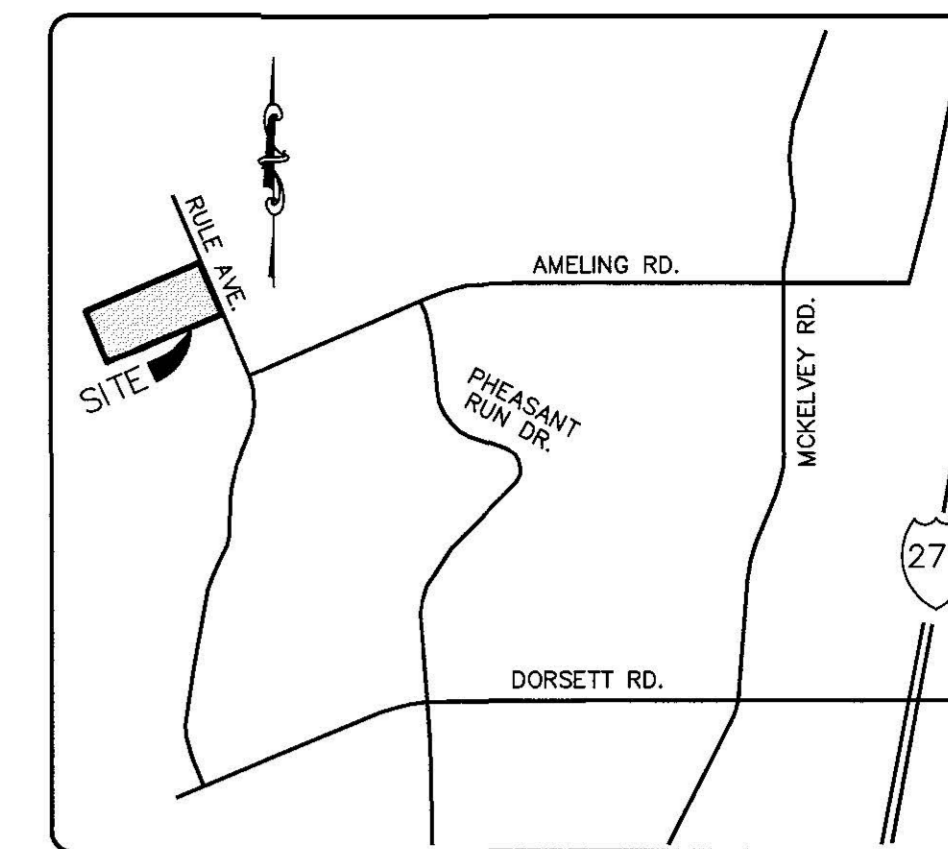


SHEET INDEX

- 1.1 COVER SHEET
- 2.1 PRELIMINARY SITE / GRADING PLAN
- 3.1 PRELIMINARY SITE PLAN
- 4.1 SIGHT DISTANCE STUDY
- TPP-1, TSD-1 LANDSCAPE PLAN & TREE PRESERVATION PLAN

PROPERTY DESCRIPTION:

A TRACT OF LAND BEING PART OF LOT 2 AND ALL OF LOT 3 OF AMELING SUBDIVISION (PLAT BOOK 14, PAGE 66), LOCATED IN U.S. SURVEY 2040, TOWNSHIP 46 NORTH, RANGE 5 EAST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF MARYLAND HEIGHTS, ST. LOUIS COUNTY, MISSOURI AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 BEGINNING AT A FOUND STONE WITH CROSS AT THE NORTHWEST CORNER OF LOT 3 OF AMELING SUBDIVISION, AS RECORDED IN PLAT BOOK 14, PAGE 66 OF THE ST. LOUIS COUNTY RECORDER'S OFFICE, SAID CORNER ALSO BEING THE SOUTHWEST CORNER LOT 4 OF "AMELING SUBDIVISION" AND OF LOT C OF "PARK SIDE TRACT A", AS RECORDED IN PLAT BOOK 241, PAGE 65 OF THE ABOVEMENTIONED RECORDS; THENCE LEAVING SAID CORNER ALONG THE SOUTH LINE OF SAID LOT 4 AND OF SAID LOT C OF "PARK SIDE TRACT A", NORTH 66°37'24" EAST, 1,308.57 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF RULE (50' WIDE) AVENUE, SAID POINT BEING THE SOUTHEAST CORNER OF SAID LOT 4 OF "AMELING SUBDIVISION", AND SOUTHEAST CORNER OF SAID LOT C OF "PARK SIDE TRACT A"; THENCE LEAVING SAID SOUTH LINE ALONG SAID WEST RIGHT-OF-WAY LINE, SOUTH 23°15'41" EAST, 498.99 FEET TO THE NORTHEAST CORNER OF LOT 801 OF "WILDFLOWER PLAT B", AS RECORDED IN PLAT BOOK 164, PAGE 71 OF SAID RECORDS; THENCE LEAVING SAID WEST RIGHT-OF-WAY LINE ALONG THE NORTH LINE OF SAID "WILDFLOWER PLAT B" AND ITS WESTERLY PROLONGATION, SOUTH 66°38'02" WEST, 1,307.79 FEET TO A POINT ON THE EAST LINE OF PROPERTY NOW OR FORMERLY TO ST. LOUIS COUNTY, AS RECORDED IN DEED BOOK 2047, PAGE 279, OF SAID RECORDS, WHERE A 1 INCH IRON PIPE WAS FOUND, WHICH BEARS 0.75 FEET WEST ALONG THE WESTERLY PROLONGATION OF THE LAST SAID BEARING, SAID POINT ALSO BEING ON THE WEST LINE OF LOT 2 OF THE ABOVEMENTIONED AMELING SUBDIVISION; THENCE LEAVING SAID POINT ALONG THE EAST LINE OF SAID ST. LOUIS COUNTY PROPERTY, NORTH 23°21'03" WEST, 498.75 FEET TO THE POINT OF BEGINNING AND CONTAINS 652,611 SQUARE FEET OR 14.98 ACRES MORE OR LESS ACCORDING TO A PROPERTY BOUNDARY SURVEY PERFORMED BY THE STERLING COMPANY DURING THE MONTH OF NOVEMBER 2023, UNDER PROJECT NUMBER 18-12-357.



LOCATION MAP

N.T.S.

PROJECT ZIP CODE 63043

EXISTING	LEGEND	PROPOSED
5/2	CONTOURS	5/2
X3/6	SPOT ELEVATIONS	5/36.0
—	CENTER LINE	—
—	BUILDINGS, ETC.	—
—	TREE LINE	—
X	FENCE	X
—	STORM SEWERS	—
—	SANITARY SEWERS	—
—	CATCH BASIN	—
—	AREA INLET	—
—	GRATED INLET	—
—	STORM MANHOLE	—
—	SANITARY MANHOLE	—
—	FLARED END SECTION	—
—	CLEANOUT	—
—	LATERAL CONNECTION	—
—	UTILITY OR POWER POLE	—
—	FIRE HYDRANT	—
—	TEST HOLE	—
—	PAVEMENT	—
2" G	GAS MAIN & SIZE	(2" G)
6" W	WATER MAIN & SIZE	(6" W)
T	TELEPHONE	(T)
E	ELECTRIC (U) UNDERGROUND	(E)
OWW	ELECTRIC (O) OVERHEAD	(OWW)
E	FLOW LINE	E
—	TO BE REMOVED	TBR
TC	TOP OF CURB	(TC)
—	SWALE	—
X	LIGHT STANDARD	X
—	STREET SIGN	—
P.S.	PARKING STALLS	P.S.
—	YARD LIGHT	—

FLOOD NOTE:

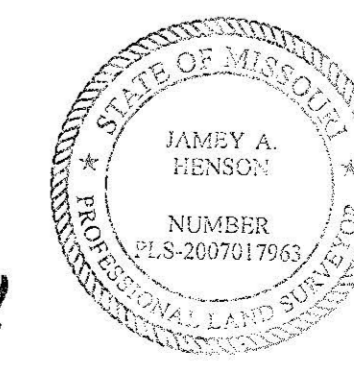
ACCORDING TO THE FLOOD INSURANCE RATE MAP OF THE COUNTY OF ST. LOUIS, MISSOURI, UNINCORPORATED AREAS (COMMUNITY PANEL NUMBER 29189C0177K, DATED FEBRUARY 4, 2015), THIS PROPERTY LIES PARTIALLY WITHIN THE 500-YEAR FLOODPLAIN (ZONE X).

SURVEYOR'S CERTIFICATION:

THIS IS TO CERTIFY THAT WE HAVE, DURING THE MONTH OF JANUARY, 2024, AT THE REQUEST OF RULE AVENUE DEVELOPMENT LLC, PREPARED A PRELIMINARY PLAT OF "LOUISELLE PARK", A TRACT OF LAND BEING PART OF LOTS 2 AND ALL OF LOT 3 OF AMELING SUBDIVISION (P.B.14, PG.66), IN U.S. SURVEY 2040, TOWNSHIP 46 NORTH, RANGE 5 EAST, CITY OF MARYLAND HEIGHTS, ST. LOUIS COUNTY, MISSOURI. THIS PLAN IS NOT A SURVEY AND DOES NOT MEET THE "MISSOURI MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" IN EFFECT AT THE DATE OF THIS PLAN.

THE STERLING COMPANY

JAMEY A. HENSON
 NUMBER PLS-2007017963
 2-12-2024
 JAMEY A. HENSON, PLS
 MO.REG. PLS #2007017963



ISSUE	REMARKS/DATE
1	1-11-2024, SUBMITTAL
2	2-12-2024, COMMENTS

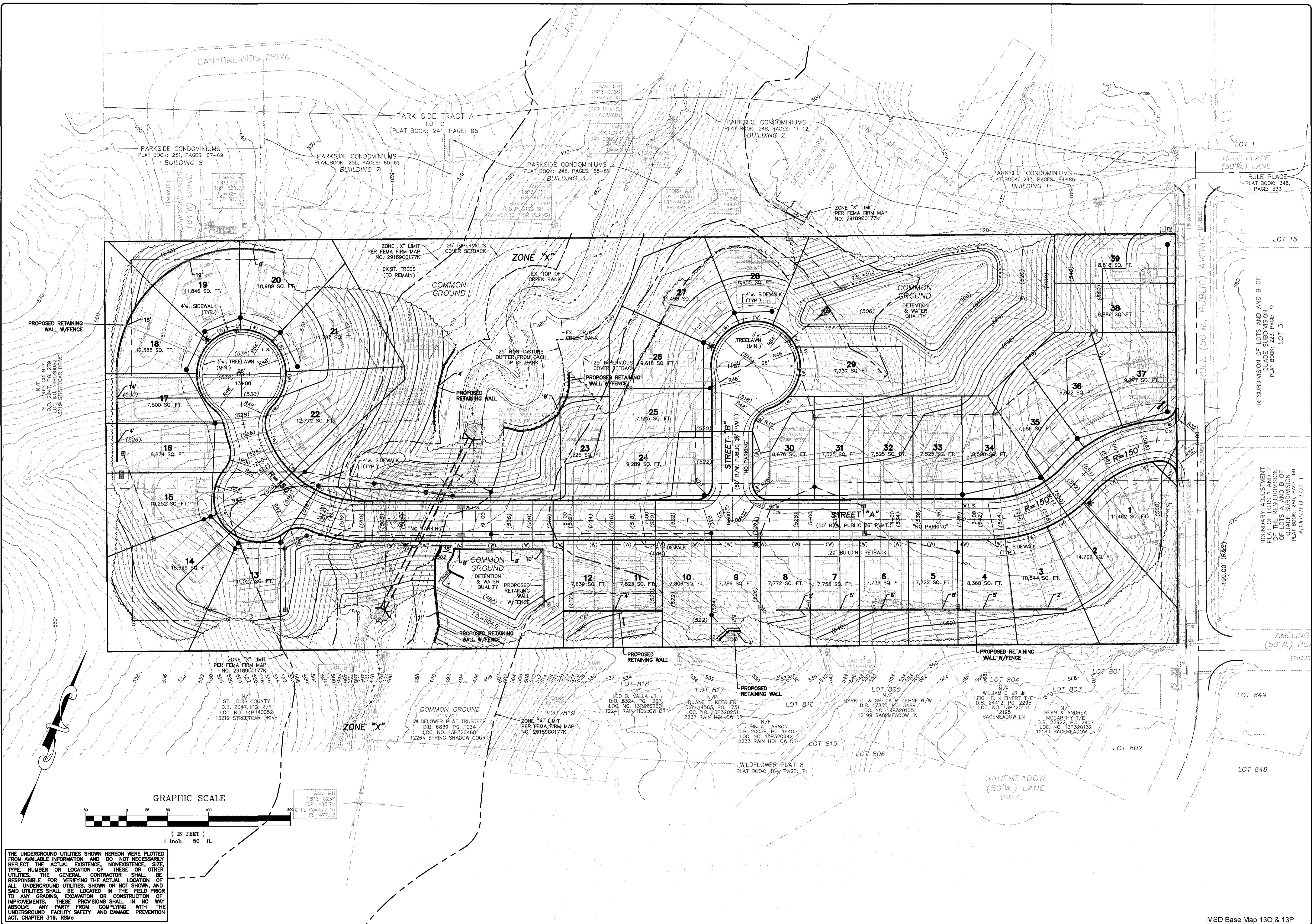
Rule Avenue Development LLC
 17415 NORTH OUTER FORTY ROAD
 CHESTERFIELD, MISSOURI 63005

THE STERLING CO.
 ENGINEERS & SURVEYORS
 5055 New Baumgartner Road
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 Ph 314-467-0440 Fax 314-467-8944
 www.sterling-engr-srv.com
 Corporate Certificate of Authority #0013148

Louiselle Park
 MARYLAND HEIGHTS, MISSOURI
 PRELIMINARY PLAT

PRELIMINARY PLAN
 Date: 2-12-2024
 MICHAEL G. BOERDING
 License No. E-28643
 Professional Engineer

Job Number: 18-12-357
 Date: Feb. 12, 2024
 Designed: MF Sheet
 Drawn: SL 1.1
 Checked: PRE



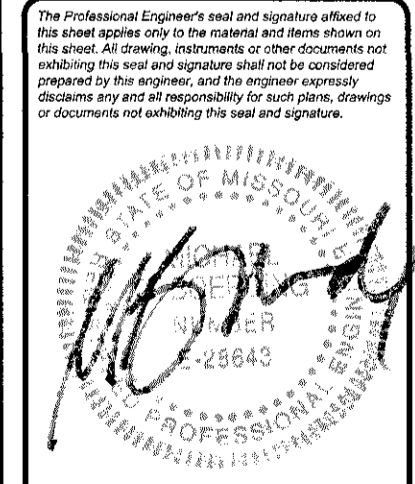
THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo

ISSUE	REMARKS/DATE
1	1-12-2024, SUBMITTAL
2	2-12-2024, COMMENTS

Rule Avenue Development LLC
 17415 NORTH OUTER 40 ROAD
 CHESTERFIELD, MISSOURI 63005

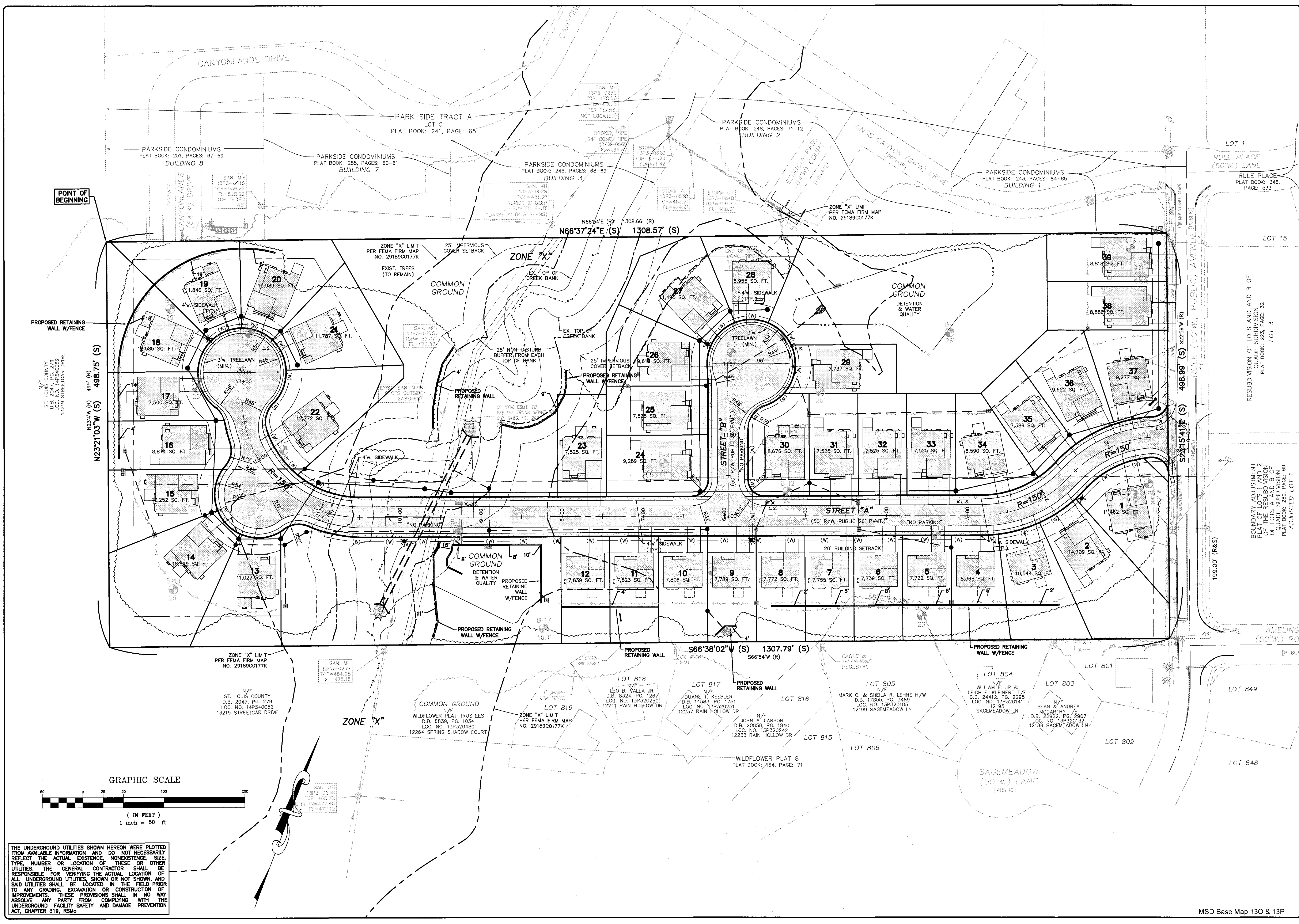
THE STERLING CO.
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 5055 New Baumgartner Road
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 www.sterling-eng-survey.com
 Corporate Certificate of Authority #001348

Louise Park
 MARYLAND HEIGHTS, MISSOURI
 PRELIMINARY PLAN
 SITE / GRADING PLAN



PRELIMINARY PLAN
 Date: 2-12-2024
 MICHAEL G. BOERDING
 License No. E-28643
 Professional Engineer

Job Number: 18-12-357
 Date: Feb. 12, 2024
 Designed: MF Sheet
 Drawn: SL 2.1
 Checked: PRE



THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NONEXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo

ISSUE	REMARKS/DATE
1	1-11-2024, SUBMITTAL
2	2-12-2024, COMMENTS

Rule Avenue Development LLC
 17415 NORTH OUTER 40 ROAD
 CHESTERFIELD, MISSOURI 63005

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Louise Park
 MARYLAND HEIGHTS, MISSOURI
 PRELIMINARY PLAT
 SITE PLAN

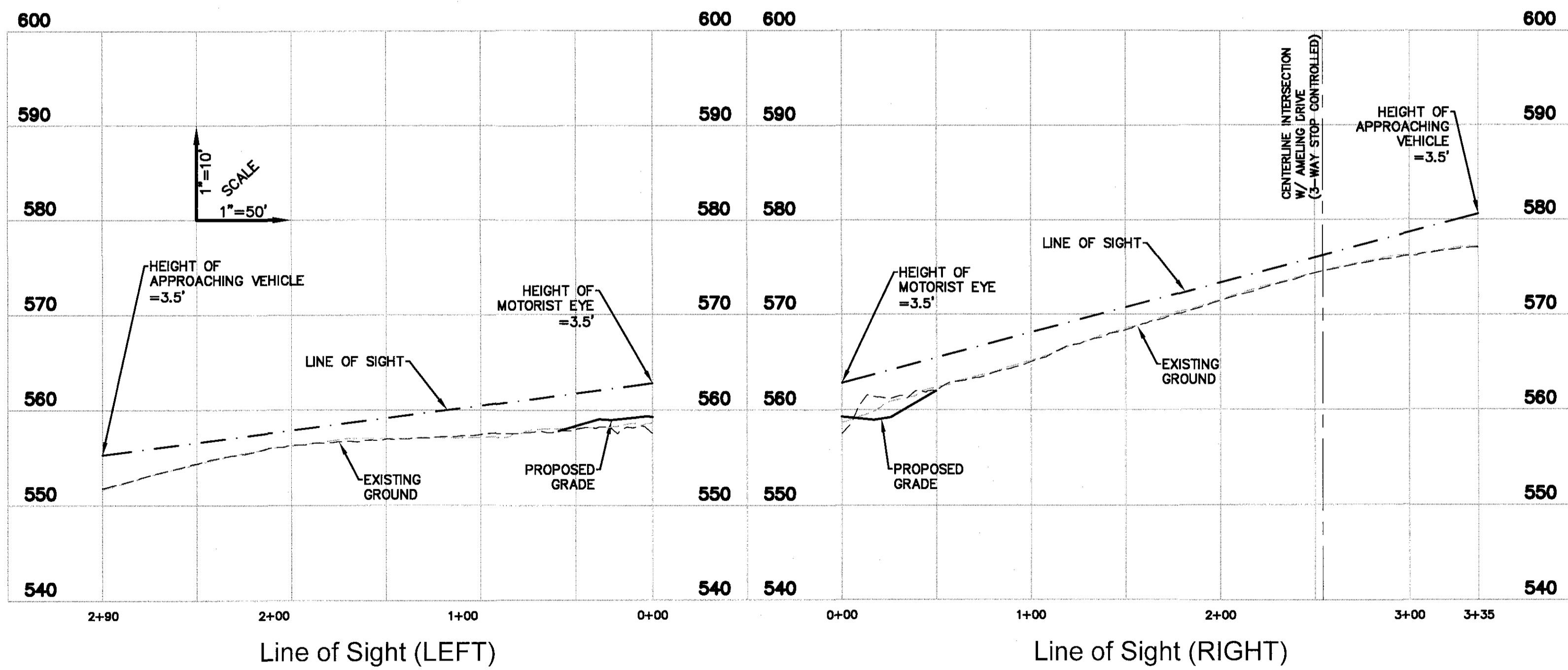
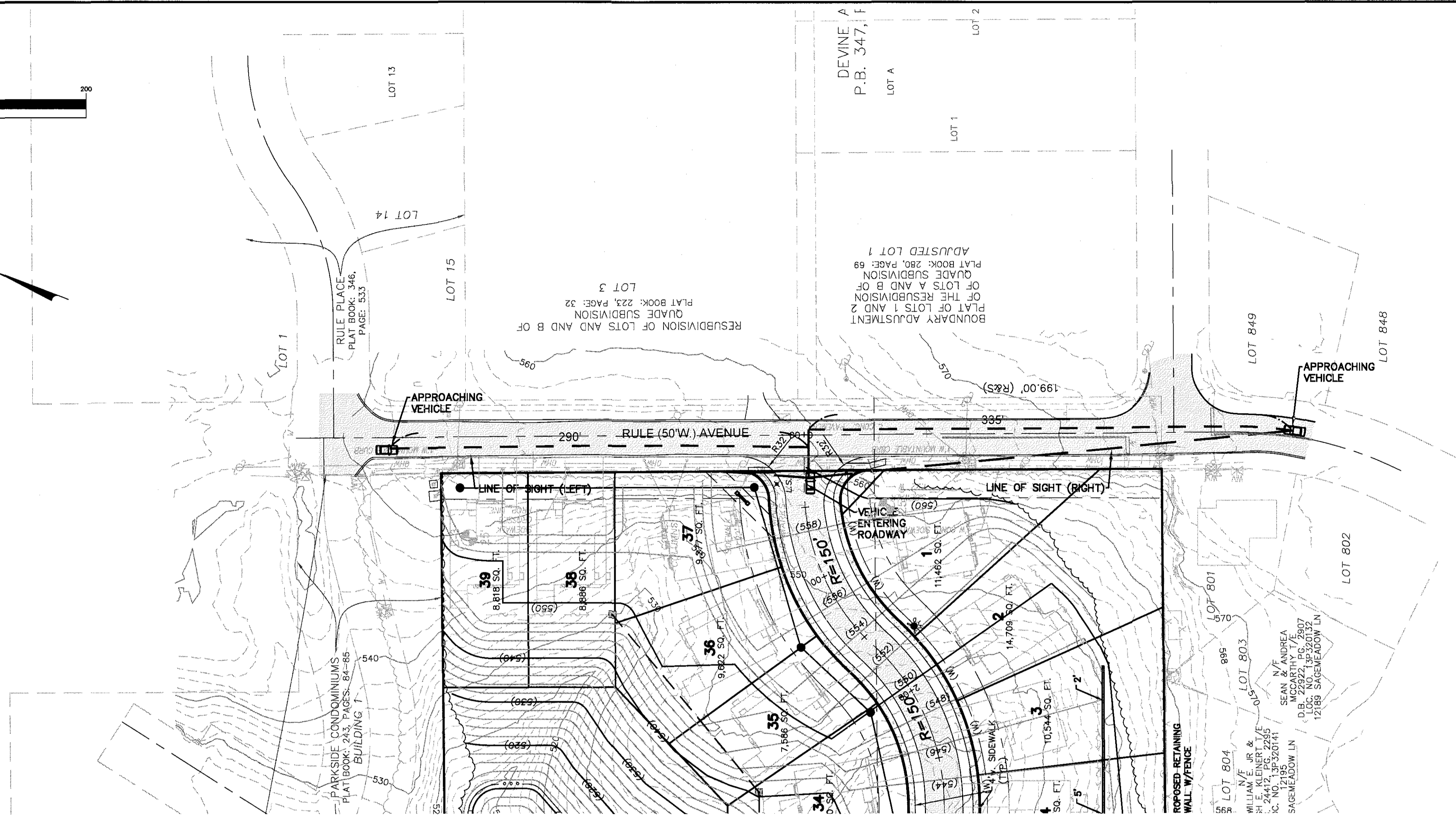
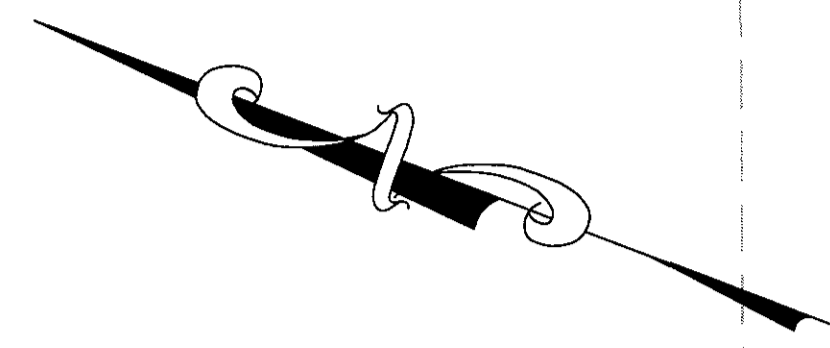
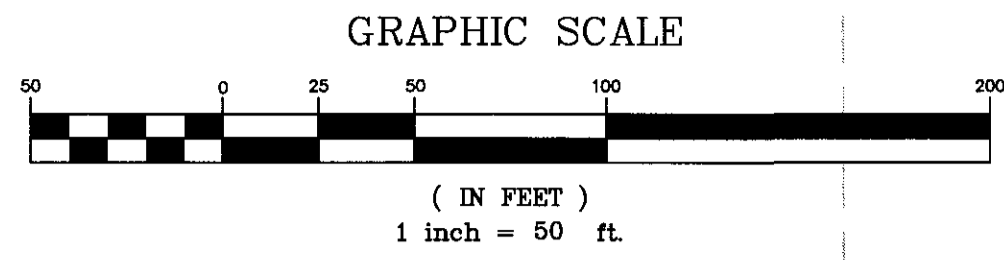
The Professional Engineer's seal and signature are required for this plan. All drawings, instruments or other documents not containing this seal and signature shall not be considered prepared by this engineer, and the engineer expressly disclaims any and all responsibility for such plans, drawings or documents not containing this seal and signature.

PRELIMINARY PLAN
 Date: 2-12-2024
 MICHAEL G. BOERDING
 License No. E-28643
 Professional Engineer

Job Number
18-12-357

Date
Feb. 12, 2024

Designed: MF Sheet
 Drawn: SL **3.1**
 Checked: PRE



- NOTES:**
1. POSTED SPEED LIMIT: 25 M.P.H.
 2. DESIGN SPEED: 30 M.P.H.
 3. MINIMUM REQUIRED SIGHT DISTANCE:
LEFT = 290 FT.
RIGHT = 335 FT.

ISSUE	REMARKS/DATE
1	1-11-2024, SUBMITTAL
2	2-12-2024, COMMENTS

Rule Avenue Development LLC
 17415 NORTH OUTER 40 ROAD
 CHESTERFIELD, MISSOURI 63005

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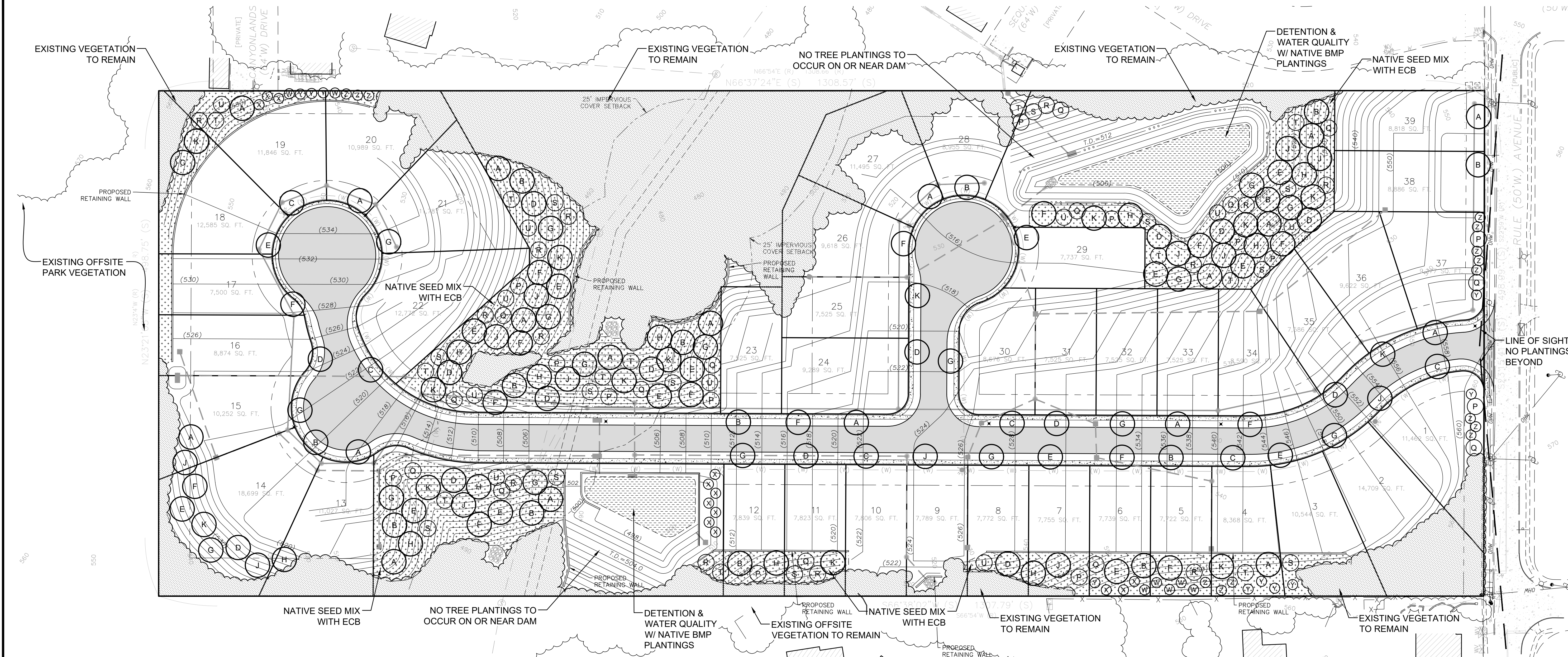
Louisselle Park
 MARYLAND HEIGHTS, MISSOURI
 PRELIMINARY PLAN
 SIGHT DISTANCE STUDY

The Professional Engineer's seal and signature are filed to this sheet and apply only to the material and items shown on this sheet. All drawings, instruments or other documents not including this seal and signature shall not be considered prepared by this engineer, and the engineer expressly disclaims any and all responsibility for such plans, drawings or documents not including this seal and signature.

PRELIMINARY PLAN
 Date: 2-12-2024
 MICHAEL G. BOERDING
 License No. E-28643
 Professional Engineer

Job Number
18-12-357
 Date
Feb. 12, 2024
 Designed: MF Sheet
 Drawn: SL **4.1**
 Checked: PRE

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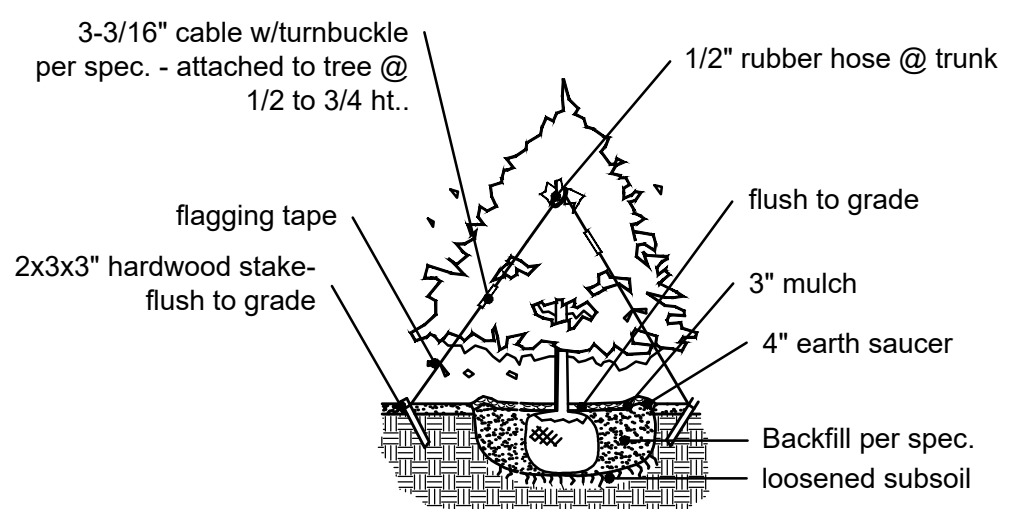
Consultants:

PRELIMINARY DEVELOPMENT PLAN
LOUISELLE PARK
Mayland Heights, Missouri

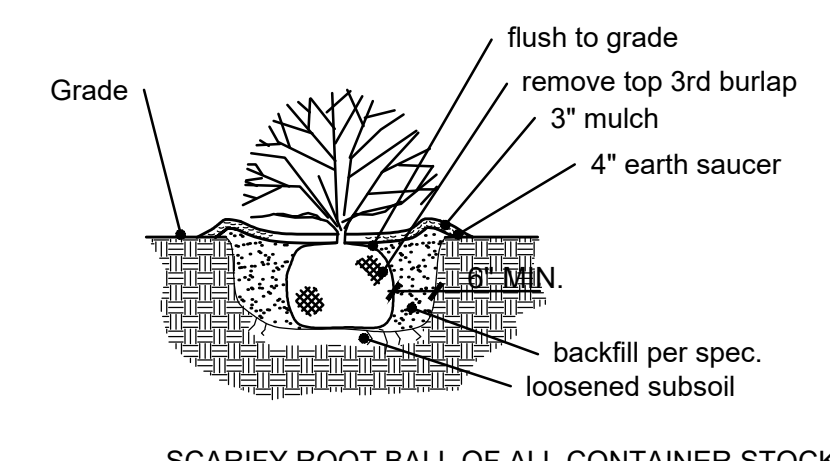
Revisions:

Date	Description	No.
1/31/24	City Comments	1

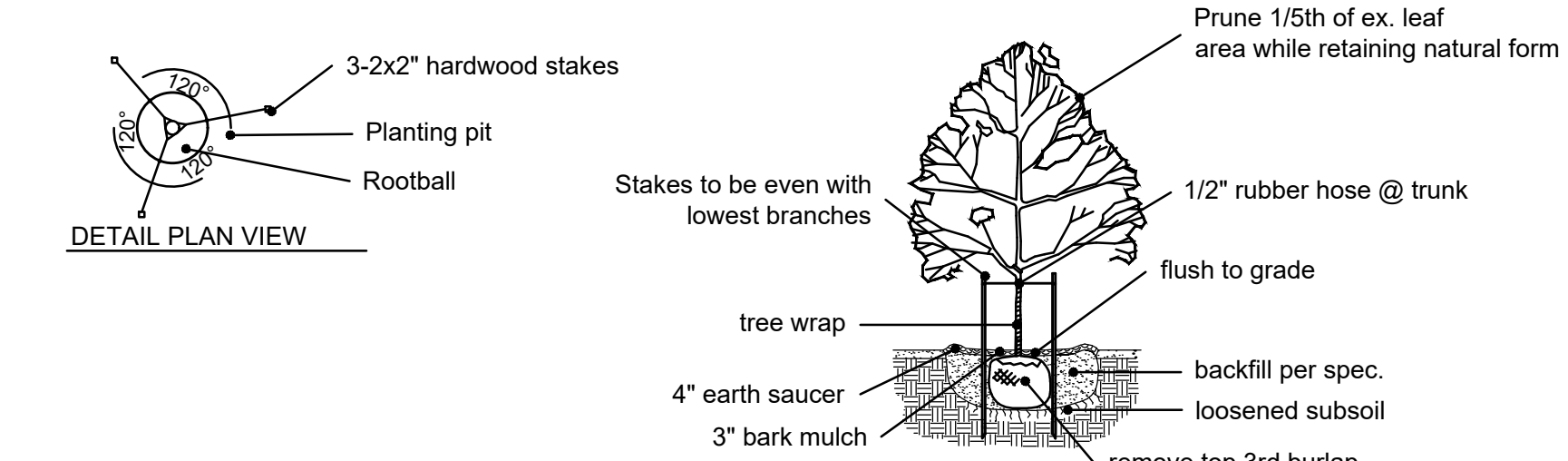
Drawn: LH
Checked: RS



TYPICAL EVERGREEN PLANTING



TYPICAL SHRUB PLANTING



CANOPY TREE PLANTING

PLANTING SCHEDULE					
CANOPY TREES					
SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
A	19	Acer rubrum	Red Maple	2.5" cal	B&B
B	14	Acer saccharum	Sugar Maple	2.5" cal	B&B
C	7	Gleditsia triacanthos f. inermis 'Skycole'	Skyline Thornless Honeylocust	2.5" cal	B&B
D	15	Nyssa sylvatica	Blackgum	2.5" cal	B&B
E	15	Quercus rubra	Red Oak	2.5" cal	B&B
F	15	Tilia cordata	Littleleaf Linden	2.5" cal	B&B
G	17	Ulmus 'Morton Glossy'	Triumph Elm	2.5" cal	B&B
H	11	Cladrastis kentukea	Yellowwood	2.5" cal	B&B
J	13	Quercus bicolor	Swamp White Oak	2.5" cal	B&B
K	14	Quercus muehlenbergii	Chinkapin Oak	2.5" cal	B&B
UNDERSTORY TREES					
Total Proposed Canopy Tree Caliper Inches = 350					
P	13	Amelanchier x grandiflora 'Autumn Brilliance' (single stem)	Autumn Brilliance Serviceberry	2" cal	B&B
Q	14	Cercis canadensis (single stem)	Eastern Redbud	2" cal	B&B
R	13	Cornus florida (single stem)	Flowering Dogwood	2" cal	B&B
S	12	Malus 'Adams' (single stem)	Adams Crabapple	2" cal	B&B
T	12	Malus 'Sutyzam' (single stem)	Sugar Tyme Crabapple	2" cal	B&B
U	10	Crataegus phaenopyrum (single stem)	Washington Hawthorn	2" cal	B&B
EVERGREEN TREES					
Total Proposed Understory Tree Caliper Inches = 148					
W	7	Juniperus virginiana 'Canaertii'	Canaertii Juniper	6' ht	B&B
X	13	Picea abies	Norway Spruce	6' ht	B&B
Y	10	Picea pungens	Colorado Blue Spruce	6' ht	B&B
Z	14	Thuja 'Green Giant'	Green Giant Arborvitae	6' ht	B&B
GROUND COVER PLANTINGS					
Total Proposed Evergreen Tree Caliper Inches = 88					
~12,000sf		Native Bioretention Plantings per MSD Requirements (to be designed with improvement plans)		plugs	
~2.2 ac.		Native Seed Mix w/ ECB (to be designed with improvement plans)		seed	

PLANT SCHEDULE NOTE
1. EVERGREEN TREES ARE SOLD IN COMMERCE BY HEIGHT INSTEAD OF CALIPER. PER THE MARYLAND HEIGHTS CODE, "FOR PURPOSES OF DETERMINING CALIPER REPLACEMENT INCHES, A SIX-FOOT HIGH EVERGREEN IS EQUIVALENT TO TWO (2) CALIPER INCHES, AND AN EIGHT-FOOT HIGH EVERGREEN IS EQUIVALENT TO THREE (3) CALIPER INCHES."

CITY OF MARYLAND HEIGHTS ZONING CODE
(APPLICABLE CODE SECTIONS OUTLINED BELOW)

SECTION 25-16.6 - TREE PRESERVATION (AS IT PERTAINS TO MITIGATION)

REQUIRED MITIGATION = 3,297 REQUIRED CALIPER INCH MITIGATION

PROPOSED ON-SITE MITIGATION = 586 CALIPER INCHES

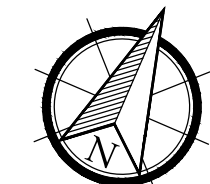
3,297 - 586 = 2,711 CALIPER INCHES REMAINING TO MITIGATE. MITIGATION NOT OCCURRING ON SITE SHALL OCCUR OFF-SITE AS PART OF THE CITY'S URBAN REFORESTATION PROGRAM IN ACCORDANCE WITH SECTION 25-16.6.A.8 OF THE ZONING CODE.

SECTION 25-16.13 - LANDSCAPING REQUIREMENTS FOR SINGLE-FAMILY RESIDENTIAL DEVELOPMENT

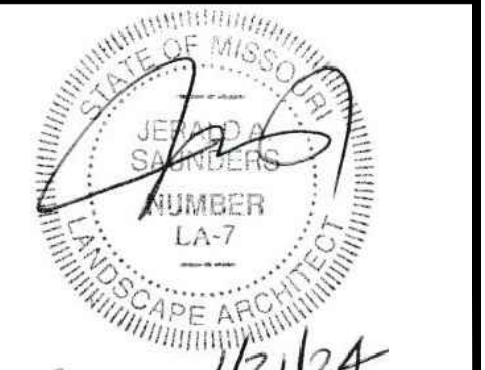
A. STREET TREES REQUIRED

1. FOR ALL RESIDENTIAL DEVELOPMENT, THERE SHALL BE A MINIMUM OF ONE (1) STREET TREE PER LOT. A MINIMUM OF TWO (2) TREES PER CORNER LOT IS REQUIRED.
39 LOTS (4 OF WHICH ARE CORNER LOTS) = 43 STREET TREES REQUIRED (43 PROPOSED)

LOOMIS ASSOCIATES
landscape architects + planners
750 spinn 40 park drive, chesterfield, missouri 63005
t. 636-519-8666
www.loomis-associates.com



SCALE: 1"=50'



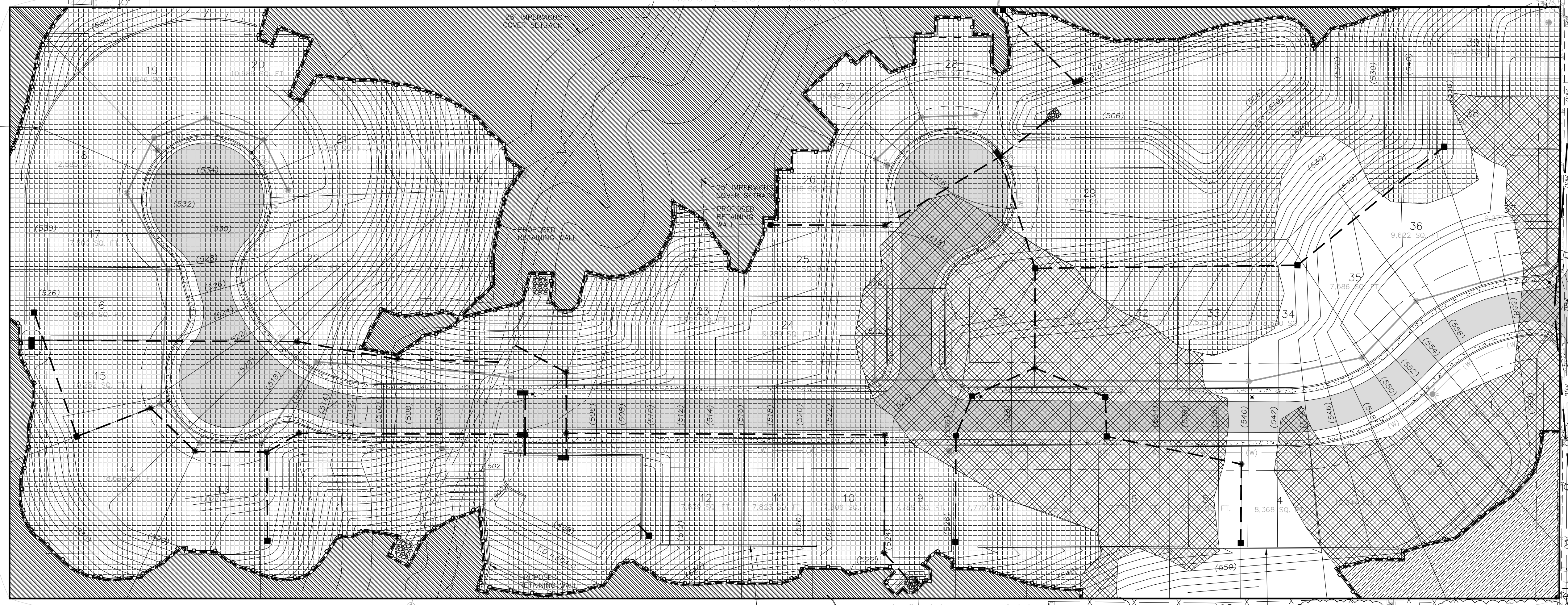
Jerald Saunders - Landscape Architect
MO License # LA-007

Consultants:

LOUISELLE PARK

PRELIMINARY DEVELOPMENT PLAN

Mayland Heights, Missouri



Revisions:

Date	Description	No.
1/31/24	City Comments	1

Drawn: LH
Checked: RS

LOOMIS ASSOCIATES
landscape architects + planners
750 spint 40 park drive, chesterfield, missouri 63005
t. 636-519-8666 www.loomis-associates.com

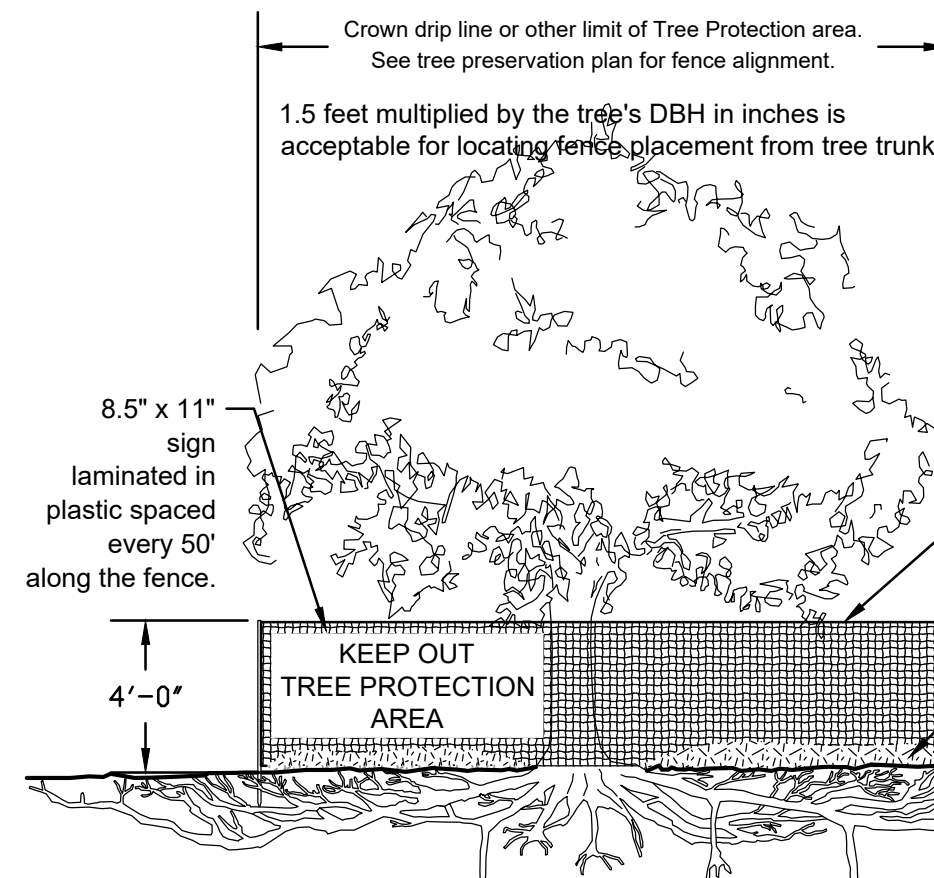
Loomis Associates Inc.
Missouri State Certificate of Authority #: LAC#0000191

Sheet Title: TREE PROTECTION PLAN

Sheet No: **TPP-1**

Date: 1/3/2024
Job #: 1005.011

- Notes:**
1. See specifications for additional tree protection requirements.
 2. If there is no existing irrigation, see specifications for watering requirements.
 3. No pruning shall be performed except by approved arborist.
 4. No equipment shall operate inside the protective fencing including during fence installation and removal.
 5. See site preparation plan for any modifications with the Tree Protection area.



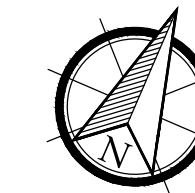
Tree Protection Detail
NOT TO SCALE

CALCULATIONS

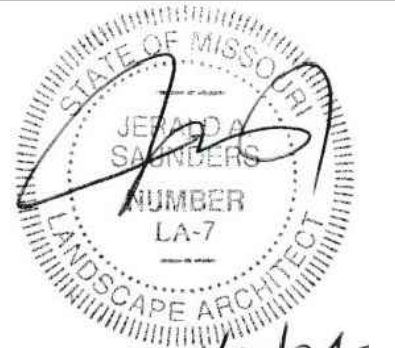
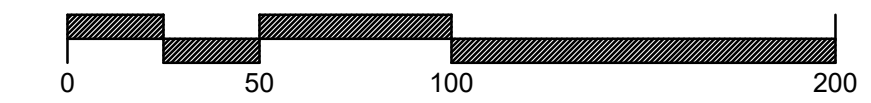
TOTAL REMOVALS = 478,767 SQ.FT. (10.99 AC)
 MITIGATION RATE (BY CODE MAXIMUM) = 300 CALIPER INCHES PER ACRE
 300 x 10.99 = 3,297 REQUIRED CALIPER INCH MITIGATION
 (SEE LANDSCAPE PLAN FOR PROPOSED ON-SITE PLANTINGS)

TPP KEY

- WOODLAND 'A' TO REMAIN: 104,523 SQ.FT. (2.40 AC)
- WOODLAND 'A' TBR: 382,860 SQ.FT. (8.79 AC)
- WOODLAND 'B' TO REMAIN: 11,157 SQ.FT. (0.25 AC)
- WOODLAND 'B' TBR: 95,907 SQ.FT. (2.20 AC)
- ROOT PRUNE (WHERE REQUIRED)
- TREE PROTECTION FENCE



SCALE: 1"=50'



Jerald Saunders - Landscape Architect
MO License # LA-007

Consultants:

PRELIMINARY DEVELOPMENT PLAN LOUISELLE PARK

Mayland Heights, Missouri

Revisions:

Date	Description	No.
1/31/24	City Comments (no changes this sheet)	1

Drawn: LH
Checked: RS



Sheet Title: TREE STAND DELINEATION

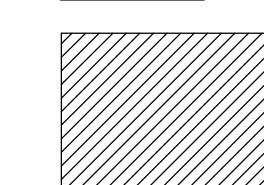
Sheet No: TSD-1

Date: 1/3/2024
Job #: 1005.011

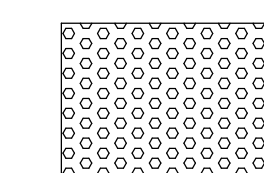


Sample Area	Woodland	Caliper Inches	# Trees	# 20"+ Trees	cal in. 20"	av size 20"+	Area	Caliper 20"+	# Trees
1	A	143	11	2	56	28	2500	2492	
2	A	170	11	5	118	23.6	2500	2962	
3	A	130	68	2	50	25	2500	2265	
4	B	30	5	0	0	0	2500	523	
5	A	238	67	1	20	20	2500	4147	
6	A	236	15	0	0	0	2500	4112	
7	A	200	29	2	52	26	2500	3485	
8	A	158	19	1	20	20	2500	2753	
9	A	139	15	1	20	20	2500	2422	
10	A	124	15	1	22	22	2500	2161	
11	A	128	11	0	0	0	2500	2230	
12	A	121	12	2	44	22	2500	2108	
13	A	136	14	2	58	29	2500	2370	
14	A	161	13	2	52	26	2500	2805	
17	B	76	10	0	0	0	2500	1324	
18	A	214	16	5	132	26.4	2500	3729	
Sum Woodland A	A	2298	316	26	644	24.8	35000	2860	802
Sum Woodland B	B	106	15	0	0	0	5000	923	0

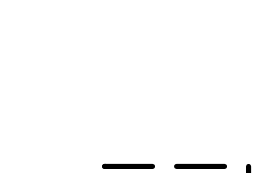
TSD KEY



WOODLAND 'A': 487,383 SQ.FT. (11.19 AC)
MATURE OAK/HICKORY MIX WITH LIMITED UNDERSTORY TREES



WOODLAND 'B': 107,064 SQ.FT. (2.45 AC)
MIXTURE OF OAKS/CHERRY/RED CEDAR WITH SOME PERSIMMON.
THE UNDERSTORY IS DENSE WITH THICKETS OF 1-3" MAPLES AND ASH



OPEN AREAS (NON-HATCHED)
OVERGROWN FIELDS THAT HAVE OCCASIONAL TREES,
MOSTLY HONEYSUCKLE AND AUTUMN OLIVE UNDERSTORY



50'x50' (2,500 SQ.FT.) TREE SAMPLE AREA.
SEE CHART TO THE LEFT