

Chapel Ridge Business Park Lots 9BB, & 9D

Preliminary Development Plan

Part of Section 17, Township 48 North, Range 31 West
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

PROPERTY DESCRIPTION

CHAPEL RIDGE BUSINESS PARK LOTS 9BB & 9D.

ALL PAVING ON THE PARKING LOT WILL COMPLY WITH THE UNIFIED DEVELOPMENT ORDINANCE ARTICLE 8 IN TERMS OF PAVING THICKNESS AND BASE

OIL - GAS WELLS

ACCORDING TO EDWARD ALTON MAY JR'S ENVIRONMENTAL IMPACT STUDY OF ABANDONED OIL AND GAS WELLS IN LEE'S SUMMIT, MISSOURI IN 1995, THERE ARE NOT OIL AND GAS WELLS WITHIN 185 FEET OF THE PROPERTY AS SURVEYED HEREON.

SURVEY AND PLAT NOTES:

THE SUBJECT PROPERTY SURVEYED LIES WITHIN A FLOOD ZONE DESIGNATED ZONE (X), AREAS LOCATED OUTSIDE THE 100 YEAR FLOOD PLAIN, PER F.E.M.A. MAP, COMMUNITY PANEL NO. 29095C0430G EFFECTIVE DATE: JANUARY 20, 2017.

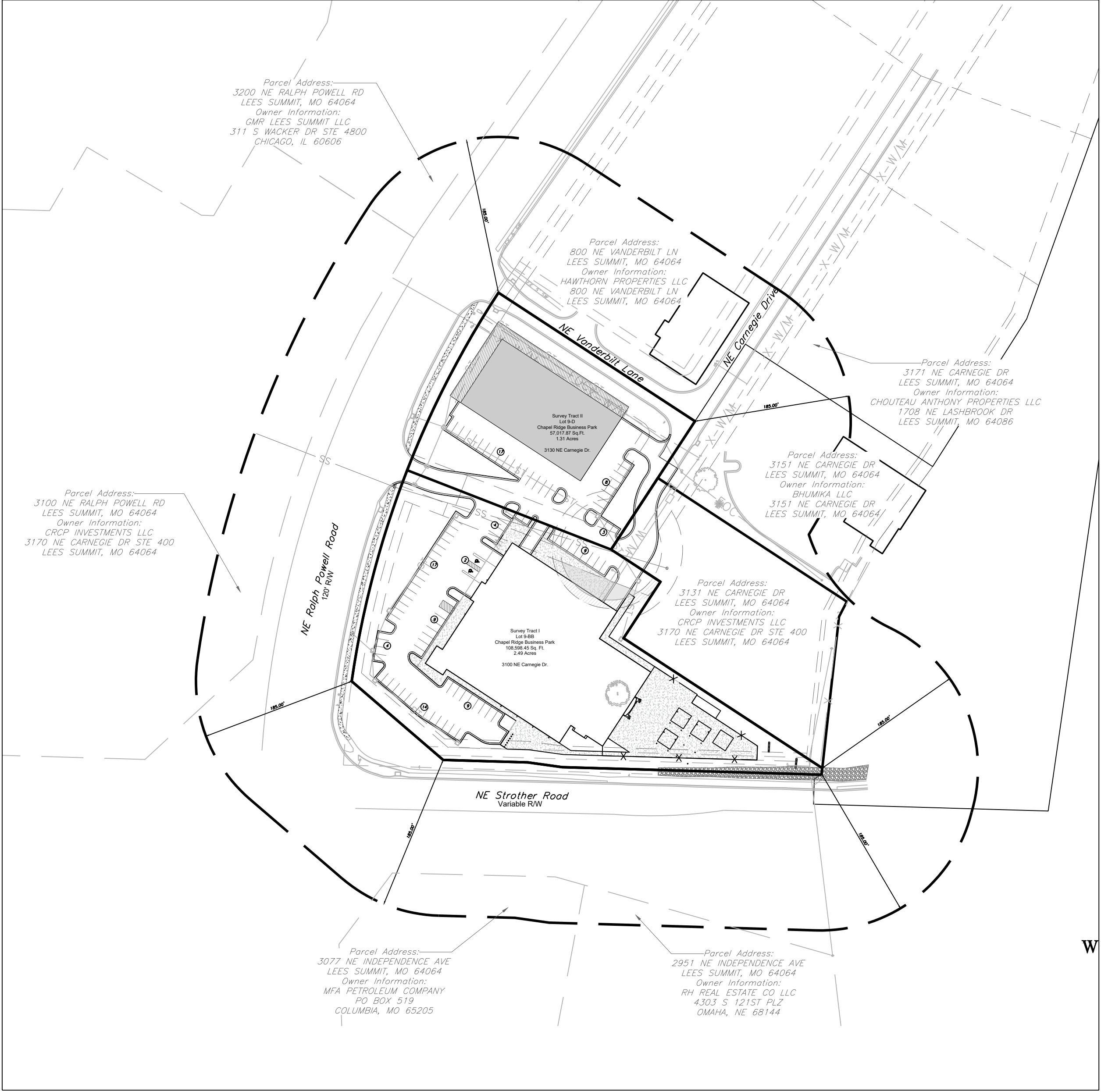
UTILITY COMPANIES:

THE FOLLOWING LIST OF UTILITY COMPANIES IS PROVIDED FOR INFORMATION ONLY. WE DO NOT OFFER ANY GUARANTEE OR WARRANTY THAT THIS LIST IS COMPLETE OR ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES THAT MAY BE AFFECTED BY THE PROPOSED CONSTRUCTION AND VERIFYING THE ACTUAL LOCATION OF EACH UTILITY LINE. THE CONTRACTOR SHALL NOTIFY ENGINEERING SOLUTIONS AT 816.623.9888 OF ANY CONFLICT WITH PROPOSED IMPROVEMENTS.

EVERGY - 298-1198
MISSOURI GAS ENERGY - 756-5261
SOUTHWESTERN BELL TELEPHONE - 761-5011
COMCAST CABLE - 795-1100
WILLIAMS PIPELINE - 422-6300
CITY OF LEE'S SUMMIT PUBLIC WORKS - 969-1800
CITY OF LEE'S SUMMIT PUBLIC WORKS INSPECTIONS - 969-1800
CITY OF LEE'S SUMMIT WATER UTILITIES - 969-1900
MISSOURI ONE CALL (DIG RITE) - 1-800-344-7483

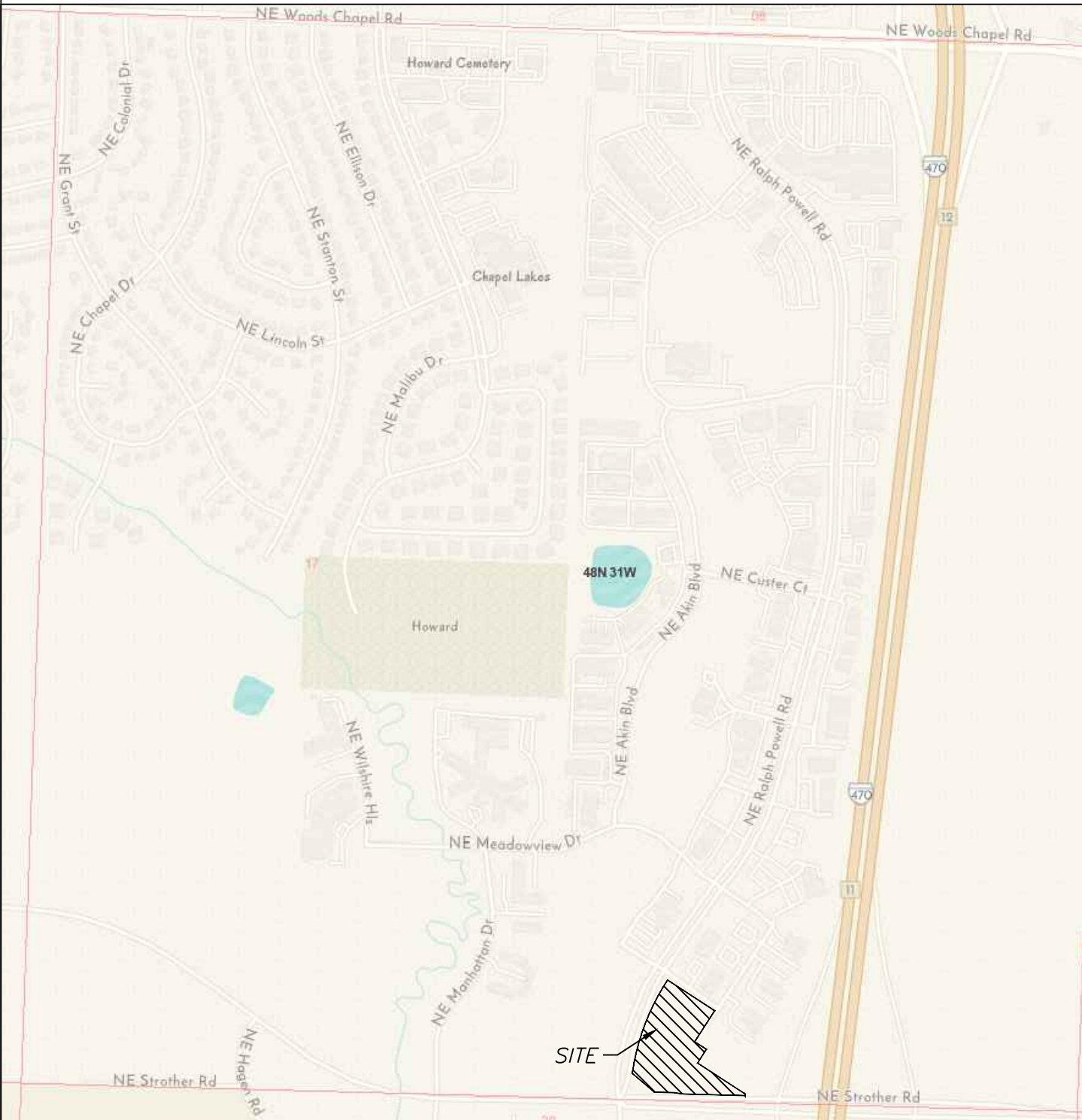
GENERAL NOTES:

- 1 - ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS ADOPTED BY ORDINANCE 5813.
- 2 - ALL REQUIRED EASEMENTS WITHIN THE BOUNDARY OF THIS PROJECT SHALL BE PROVIDED BY SEPARATE DOCUMENT
- 3 - ANY REQUIRED EASEMENT LOCATED OUTSIDE OF THE BOUNDARY OF THIS PROJECT SHALL BE PROVIDED FOR BY SEPARATE INSTRUMENT PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS.
- 4 - THE CONTRACTOR SHALL CONTACT THE CITY'S DEVELOPMENT SERVICES ENGINEERING INSPECTORS 48 HOURS PRIOR TO ANY LAND DISTURBANCE WORK AT (816) 969-1200.
- 5 - THE CONTRACTOR SHALL NOTIFY ENGINEERING SOLUTIONS AT 816.623.9888 OF ANY CONFLICT WITH THE IMPROVEMENTS PROPOSED BY THESE PLANS AND SITE CONDITIONS.
- 6 - THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AND OBTAIN THE APPROPRIATE BLASTING PERMITS FOR A REQUIRED BLASTING. IF BLASTING IS ALLOWED, ALL BLASTING SHALL CONFORM TO STATE REGULATIONS AND LOCAL ORDINANCES.



SITE LOCATION MAP

SCALE" 1"=100'



Vicinity Map

INDEX OF SHEETS:

- C.100 ~ OVERALL SITE PLAN
- C.101 ~ DEVELOPMENT SITE PLAN
- C.200 ~ GRADING PLAN
- C.300 ~ UTILITY PLAN
- L.100 ~ LANDSCAPE PLAN
- L.101 ~ LANDSCAPE PLAN DETAILS

Site Impervious Area

Total Area	3.80 acres (165,616.32 sq. ft.)
Commercial Office Site	
Site Area	3.80 Acres
Building	34,000 sq. ft.
Parking	66,493 sq. ft.
Sidewalk	16,150 sq. ft.
Impervious Area	116,633 sq. ft. (70.4% of Site)
Floor-Area-Ratio	20.5%

Parking:

Provided	91 Standard (4 ADA Accessible)
Required	91 Standard (4 ADA Accessible)
Total Parking Spaces	91

Current Zoning: CP-2

Site Improvement Notes

Sanitary Sewer Improvements
-The site will utilize the existing sanitary sewer on the property.

Water Main Improvements
-The existing 8" water main located on the north side property.

Storm Sewer
-Enclosed pipe systems and inlets will collect and convey the onsite storm water runoff and direct it toward the existing public storm sewer system.

Storm Water Detention
-The site will utilize the existing regional detention facility.

LEGEND:

Existing Underground Power	UGP	UGP
Existing Conc. Curb & Gutter		
Existing Wood Fence	X	X
Existing Gas Main	GAS	
Existing Water Main	X-W/M	X-W/M
Existing Storm Sewer	X-STM	X-STM
Existing Sanitary Sewer	X-SAN	X-SAN
Existing Underground Telephone	UGT	UGT
Existing Overhead Power	OHE	
Proposed Storm Sewer	ST	ST
Proposed Sanitary Sewer	SS	SS
Proposed Underground Power	UGT	UGT
Proposed Gas Service	GAS	
Proposed 8" D.I.P. Water	W	
Proposed Electrical Service	UGP	UGP

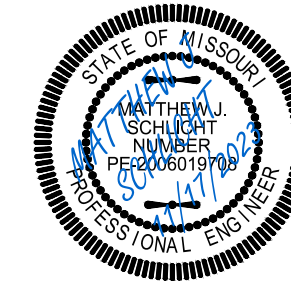


Professional Registration
Missouri
Engineering 2005002198-D
Surveying 2005006519-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

CHAPEL RIDGE BUSINESS PARK LOT 9BB AND 9D
Part of the South 1/2 of
Section 17, Township 48 North, Range 31 West
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

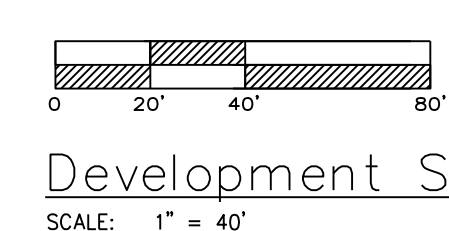
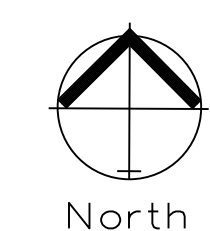
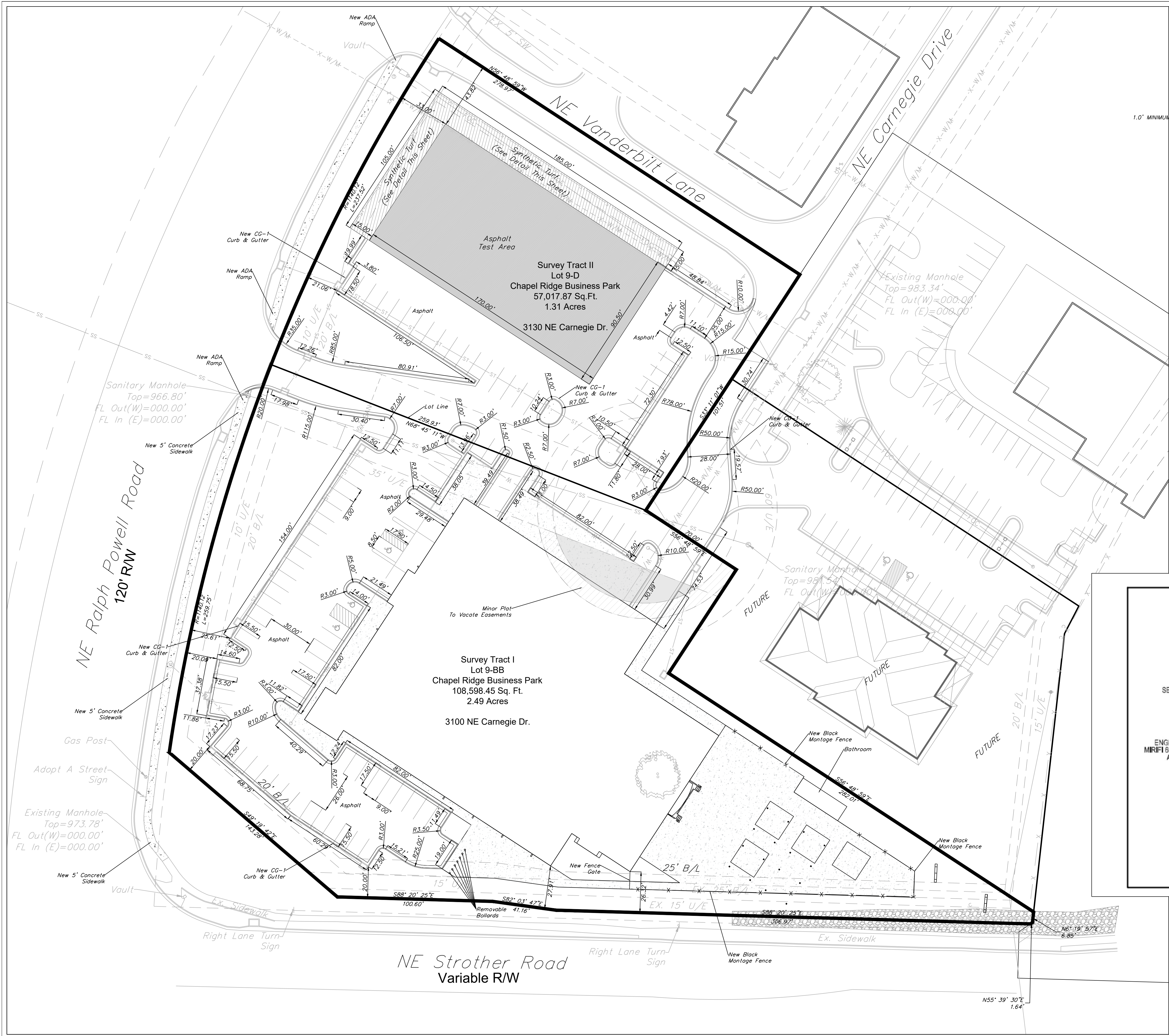
Project:
CHAPEL RIDGE
LOT 9-C
Issue Date:
November 17, 2023

OVERALL SITE PLAN
Preliminary Development Plans for:
CHAPEL RIDGE BUSINESS PARK LOT 9BB AND 9D
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

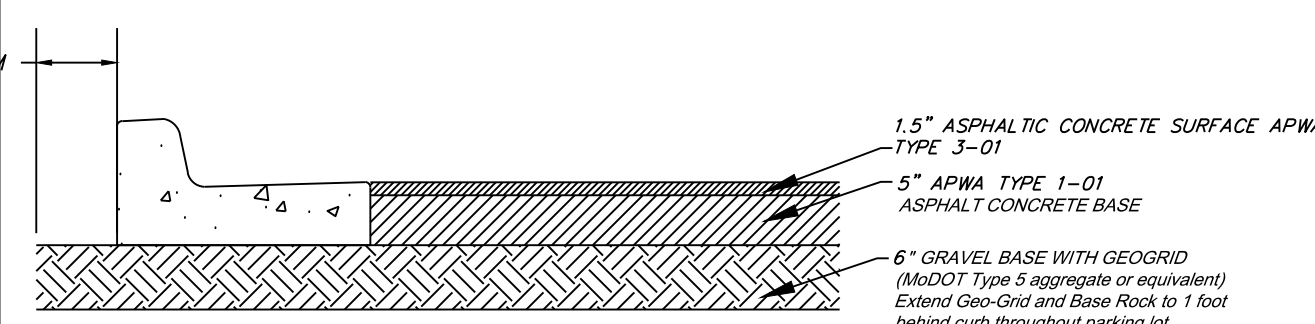


Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25526

REVISIONS

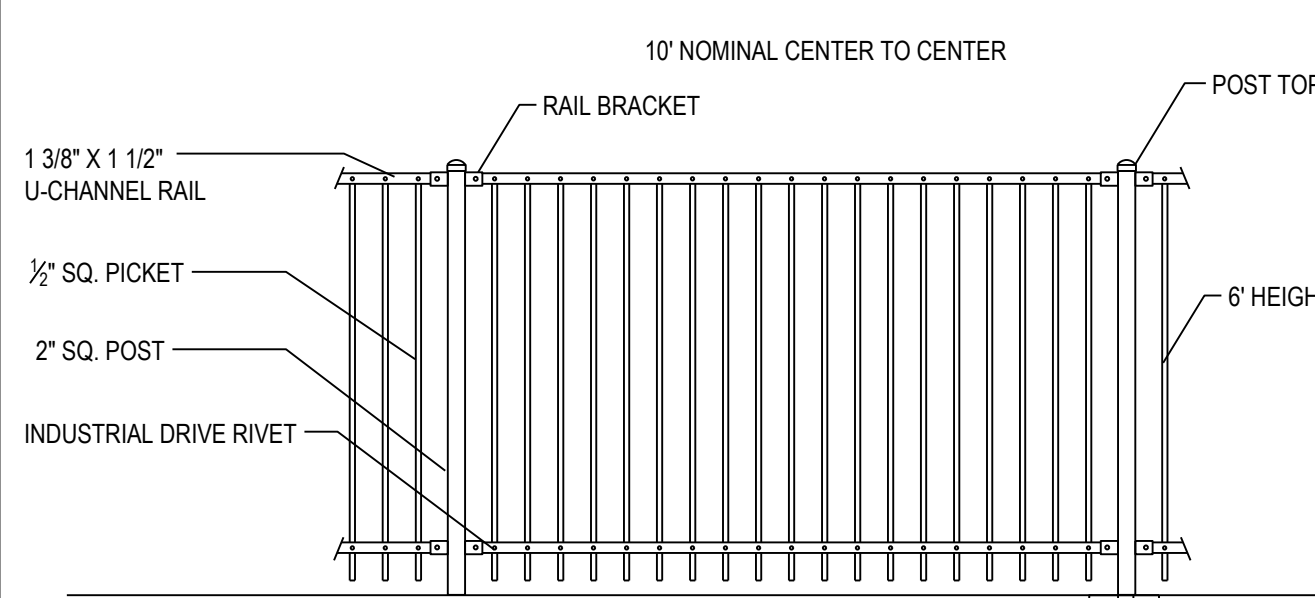


Development Site Plan



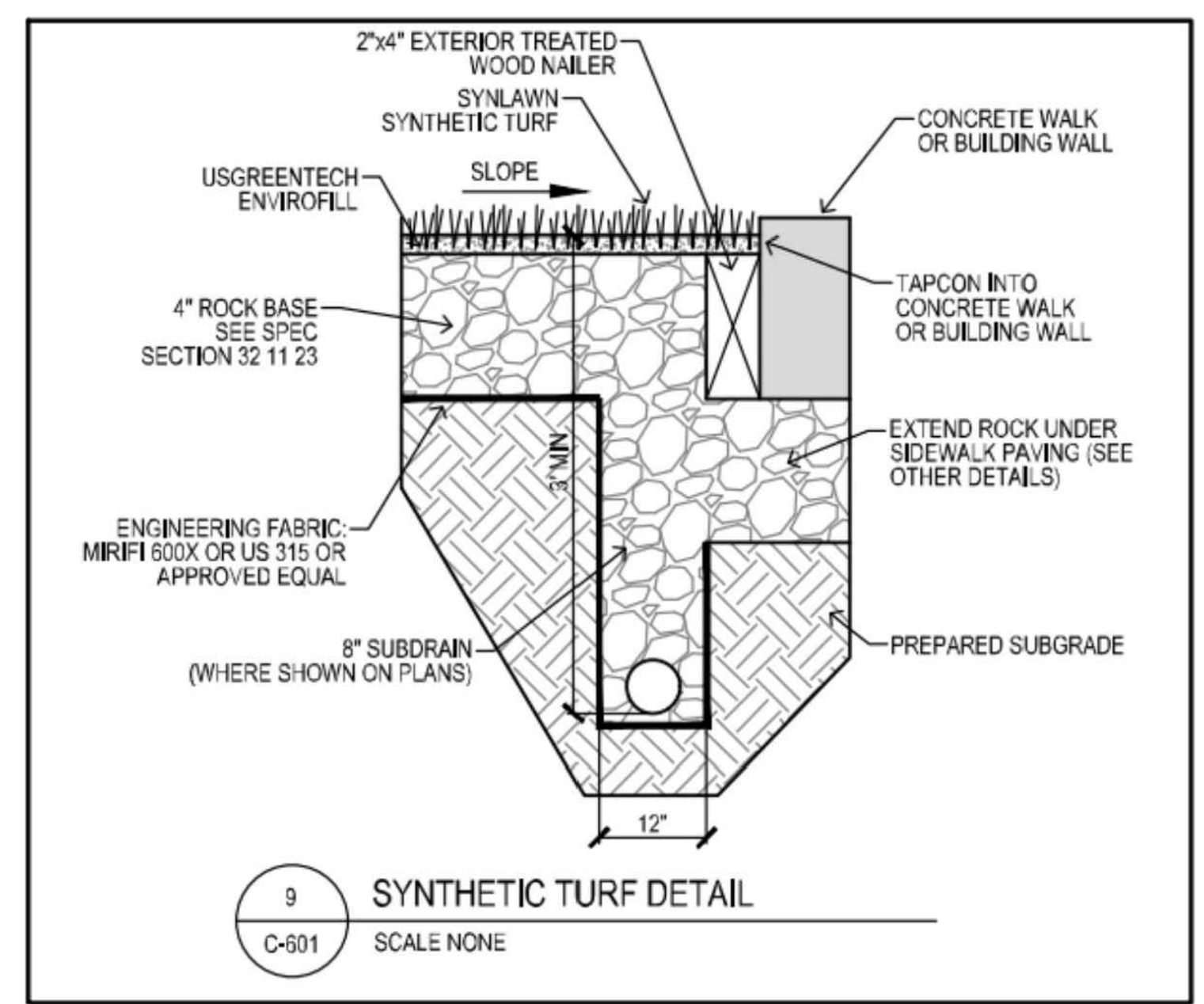
PRIVATE ASPHALT PAVEMENT

NOT TO SCALE



BLACK FENCE DETAIL

NOT TO SCALE



SYNTHETIC TURF DETAIL

SCALE NONE

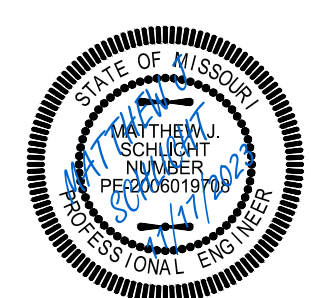


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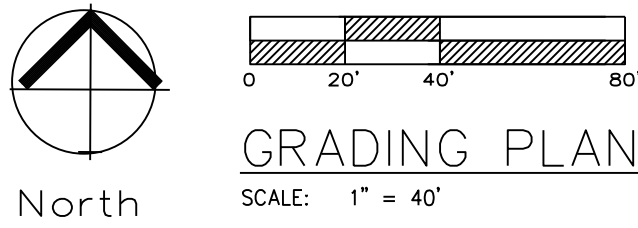
Project:
CHapel Ridge
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DEVELOPMENT SITE PLAN
Preliminary Development Plans for:
CHapel Ridge Business Park Lot 9BB and 9D
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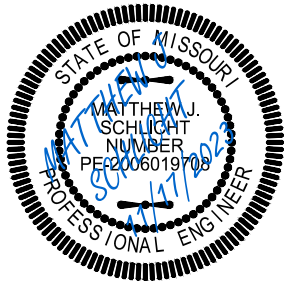
REVISIONS



GRADING PLAN
SCALE: 1" = 40'

Notes

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 Stabilization of disturbed areas shall be completed within 14 days of construction inactivity
7. Contractor responsible for all density testing of roadway subgrade and granular base.



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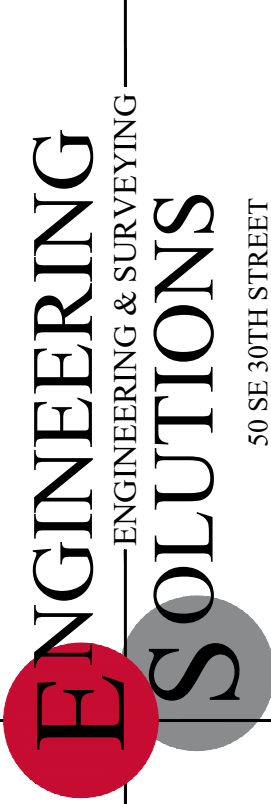
REVISIONS

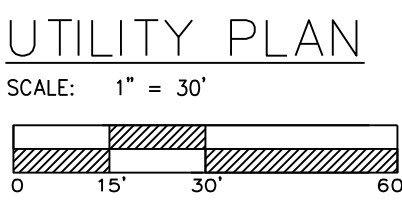
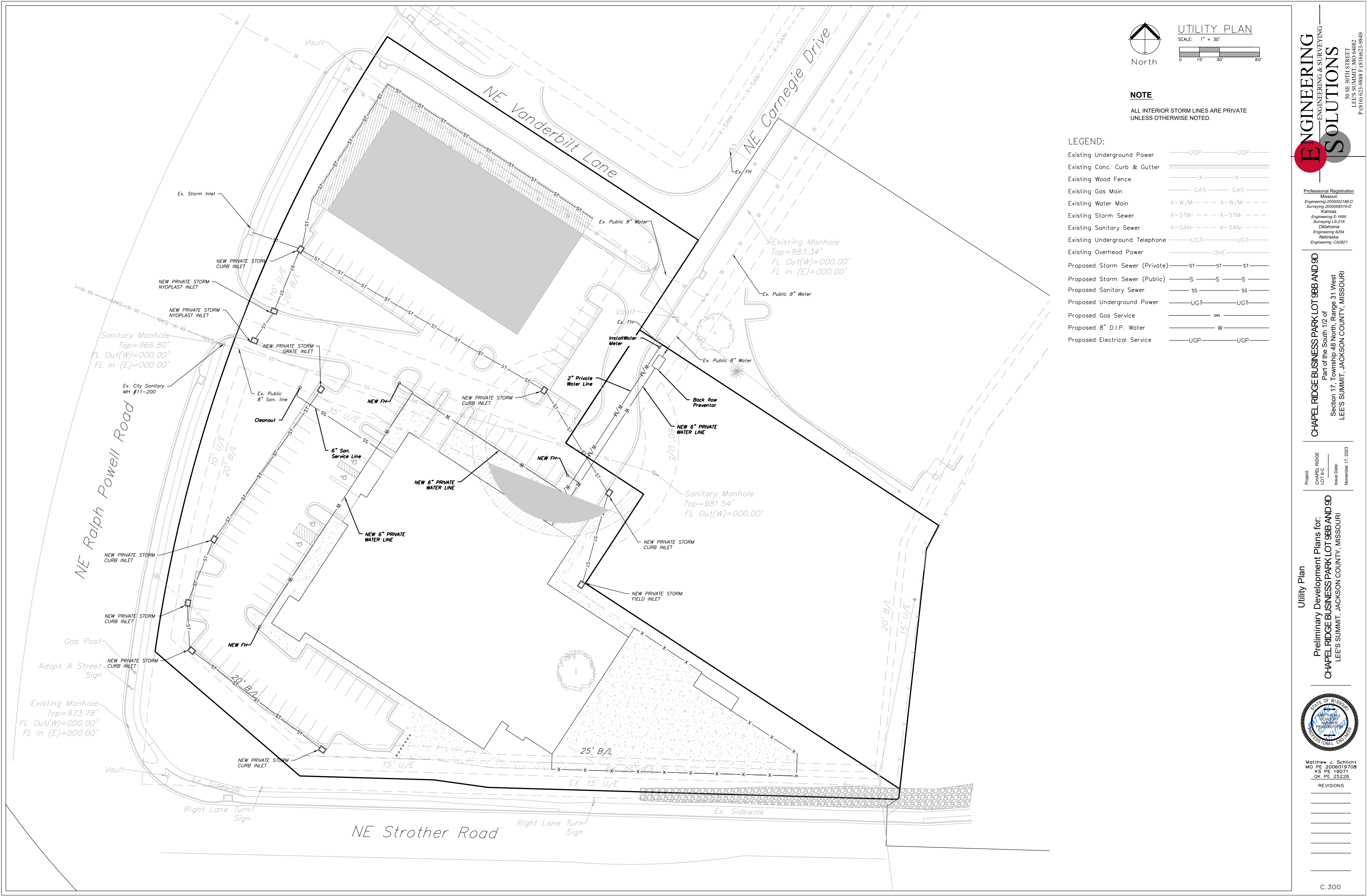
Grading Plan
Preliminary Development Plans for:
CHAPEL RIDGE BUSINESS PARK LOT 98B AND 9D
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

Project:
CHAPEL RIDGE
LOT 9-C
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CHAPEL RIDGE BUSINESS PARK LOT 98B AND 9D
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NOTE

ALL INTERIOR STORM LINES ARE PRIVATE
UNLESS OTHERWISE NOTED.

LEGEND:

Existing Underground Power	—UGP—	—UGP—
Existing Conc. Curb & Gutter	=====	=====
Existing Wood Fence	—X—	—X—
Existing Gas Main	—GAS—	—GAS—
Existing Water Main	-X-W/M-	-X-W/M-
Existing Storm Sewer	-X-ST-	-X-ST-
Existing Sanitary Sewer	-X-SAN-	-X-SAN-
Existing Underground Telephone	—UGT—	—UGT—
Existing Overhead Power	—OHE—	—OHE—
Proposed Storm Sewer (Private)	—ST—	—ST—
Proposed Storm Sewer (Public)	—S—	—S—
Proposed Sanitary Sewer	—SS—	—SS—
Proposed Underground Power	—UGT—	—UGT—
Proposed Gas Service	—GAS—	—GAS—
Proposed 8" D.I.P. Water	—W—	—W—
Proposed Electrical Service	—UGP—	—UGP—

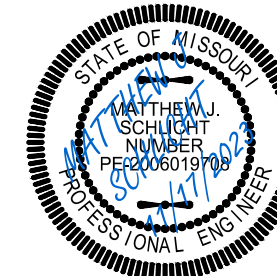


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Preliminary Development Plans for:
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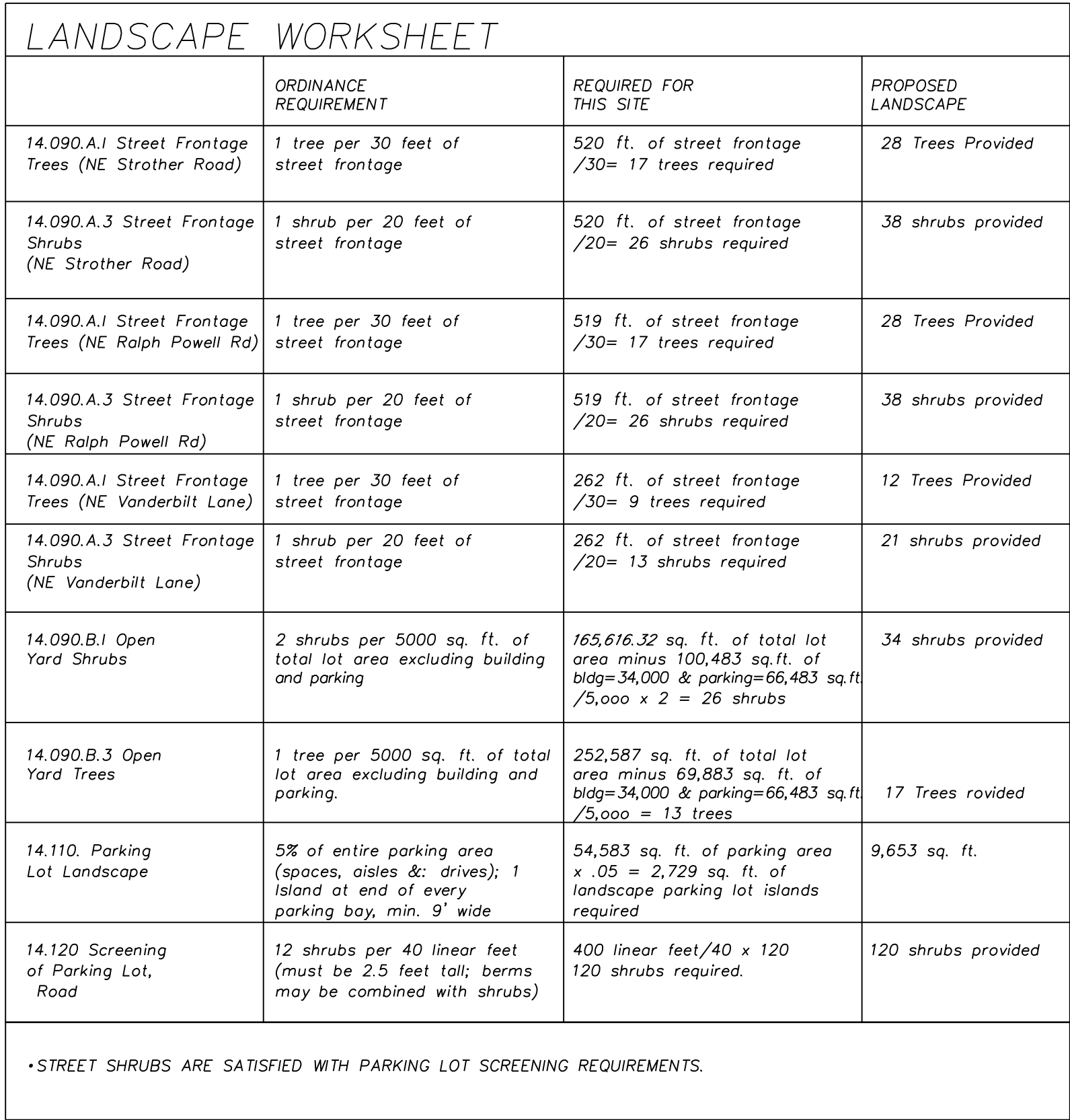
Project: CHAPEL RIDGE LOT 9-C
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Utility Plan
Preliminary Development Plans for:
CHAPEL RIDGE BUSINESS PARK LOT 9BB AND 9D
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OK PE 25226


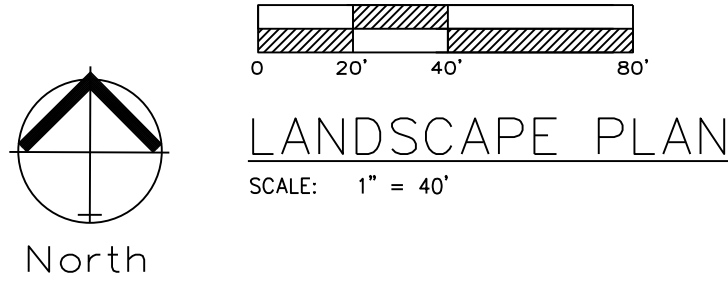
REVISIONS



LANDSCAPE WORKSHEET			
	ORDINANCE REQUIREMENT	REQUIRED FOR THIS SITE	PROPOSED LANDSCAPE
14.090.A.1 Street Frontage Trees (NE Strother Road)	1 tree per 30 feet of street frontage	520 ft. of street frontage /30= 17 trees required	28 Trees Provided
14.090.A.3 Street Frontage Shrubs (NE Strother Road)	1 shrub per 20 feet of street frontage	520 ft. of street frontage /20= 26 shrubs required	38 shrubs provided
14.090.A.1 Street Frontage Trees (NE Ralph Powell Rd)	1 tree per 30 feet of street frontage	519 ft. of street frontage /30= 17 trees required	28 Trees Provided
14.090.A.3 Street Frontage Shrubs (NE Ralph Powell Rd)	1 shrub per 20 feet of street frontage	519 ft. of street frontage /20= 26 shrubs required	38 shrubs provided
14.090.A.1 Street Frontage Trees (NE Vanderbilt Lane)	1 tree per 30 feet of street frontage	262 ft. of street frontage /30= 9 trees required	12 Trees Provided
14.090.A.3 Street Frontage Shrubs (NE Vanderbilt Lane)	1 shrub per 20 feet of street frontage	262 ft. of street frontage /20= 13 shrubs required	21 shrubs provided
14.090.B.1 Open Yard Shrubs	2 shrubs per 5000 sq. ft. of total lot area excluding building and parking	165,616.32 sq. ft. of total lot area minus 100,483 sq.ft. of bldgs=34,000 & parking=66,483 sq.ft /5,000 x 2 = 26 shrubs	34 shrubs provided
14.090.B.3 Open Yard Trees	1 tree per 5000 sq. ft. of total lot area excluding building and parking.	252,587 sq. ft. of total lot area minus 69,883 sq. ft. of bldg=34,000 & parking=66,483 sq.ft /5,000 = 13 trees	17 Trees provided
14.110. Parking Lot Landscape	5% of entire parking area (spaces, aisles & drives); 1 Island at end of every parking bay, min. 9' wide	54,583 sq. ft. of parking area x .05 = 2,729 sq. ft. of landscape parking lot islands required	9,653 sq. ft.
14.120 Screening of Parking Lot, Road	12 shrubs per 40 linear feet (must be 2.5 feet tall; terms may be combined with shrubs)	400 linear feet/40 x 120 shrubs required.	120 shrubs provided
*STREET SHRUBS ARE SATISFIED WITH PARKING LOT SCREENING REQUIREMENTS.			

IS FOR PHASE 1 ONLY. AT FULL BUILD THE UNIFIED DEVELOPMENT ORDINANCE REQUIREMENTS SHALL BE MEET.

<i>SYMBOL</i>	<i>QUANT.</i>	<i>KEY</i>	<i>NAME</i>	<i>SIZE</i>
tree 	20	TA	AMERICAN BASSWOOD LINDEN TILIA AMERICANA	3.0" CAL
evergreen 	31	SR	SKYROCKET JUNIPER JUNIPERUS SCOPULORUM "SKYROCKET"	8' Ht.
tree 	52	RB	OKLAHOMA REDBUD CERCIS RENIFORMIS "OKLAHOMA"	3.0" CAL
shrub 	137	BB	BURNING BUSH EUONYMUS ALATA "COMPACTUS"	2 Gallon Pot



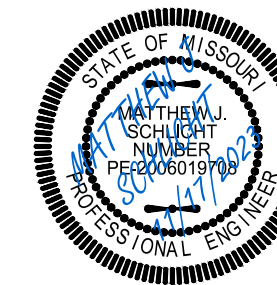
ENGINEERING
—ENGINEERING & SURVEYING—
SOLUTIONS
50 SE 30TH STREET

Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
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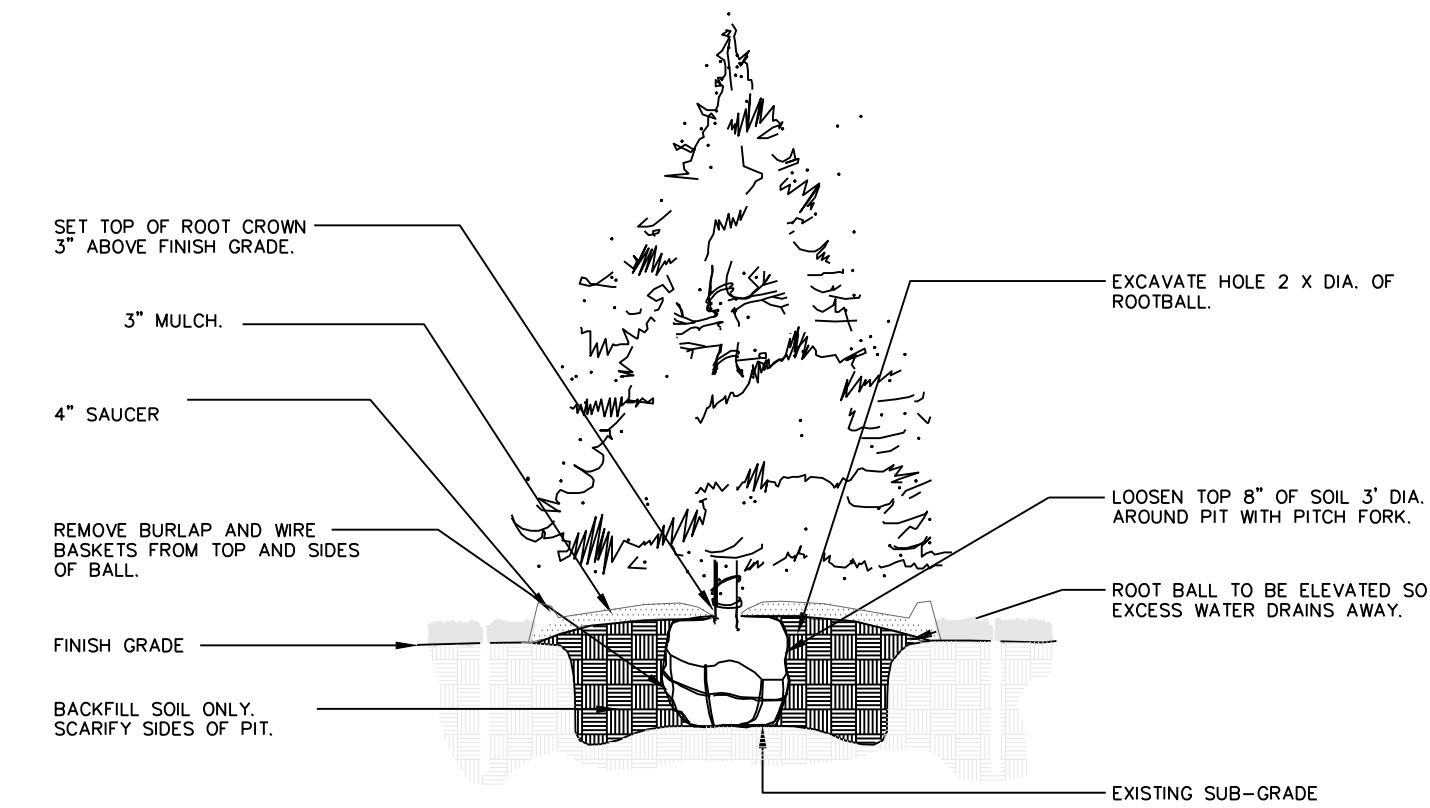
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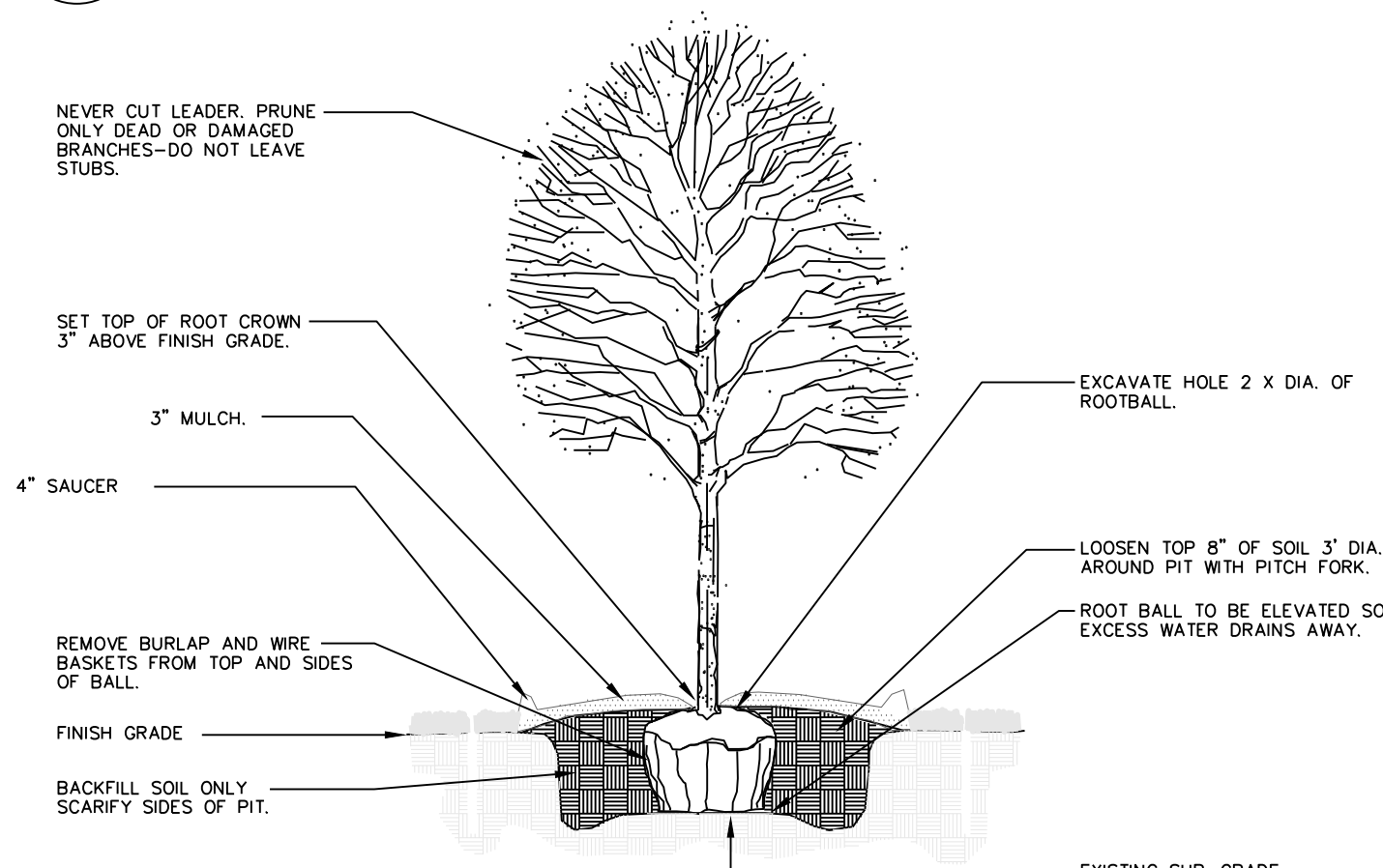
LANDSCAPE PLAN
Preliminary Development Plans for:
CHAPEL RIDGE BUSINESS PARK LOT 9BB AND 9D
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI



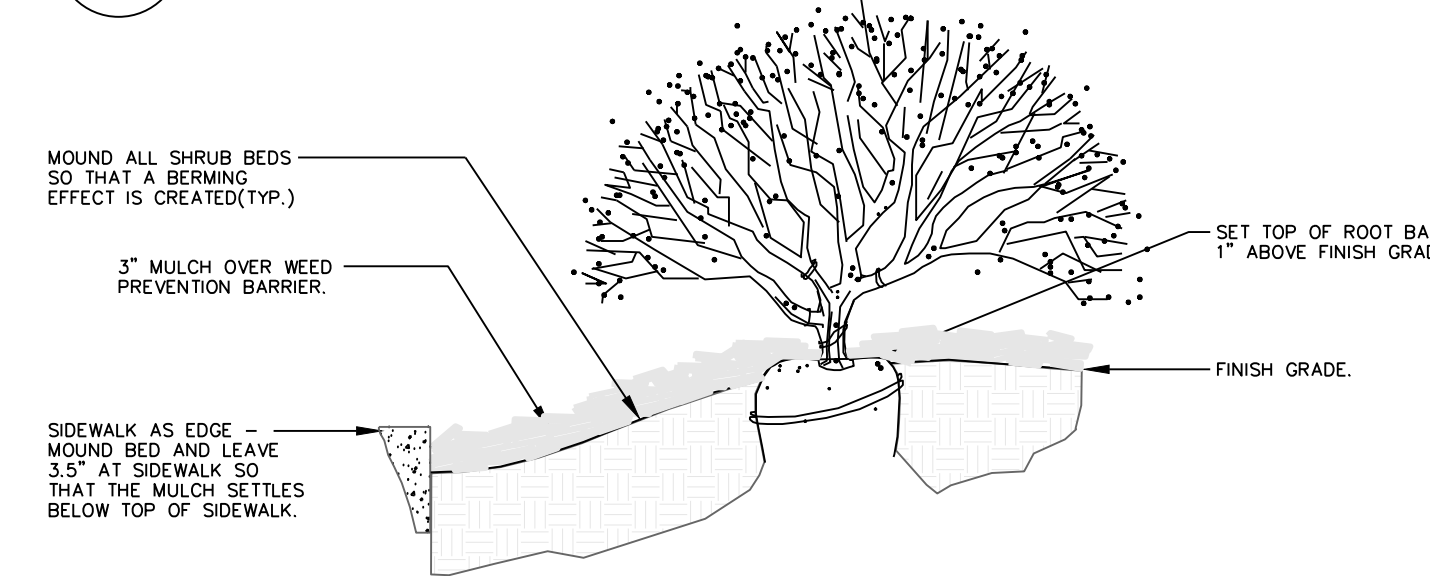
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KS PE 19071
OK PE 25226
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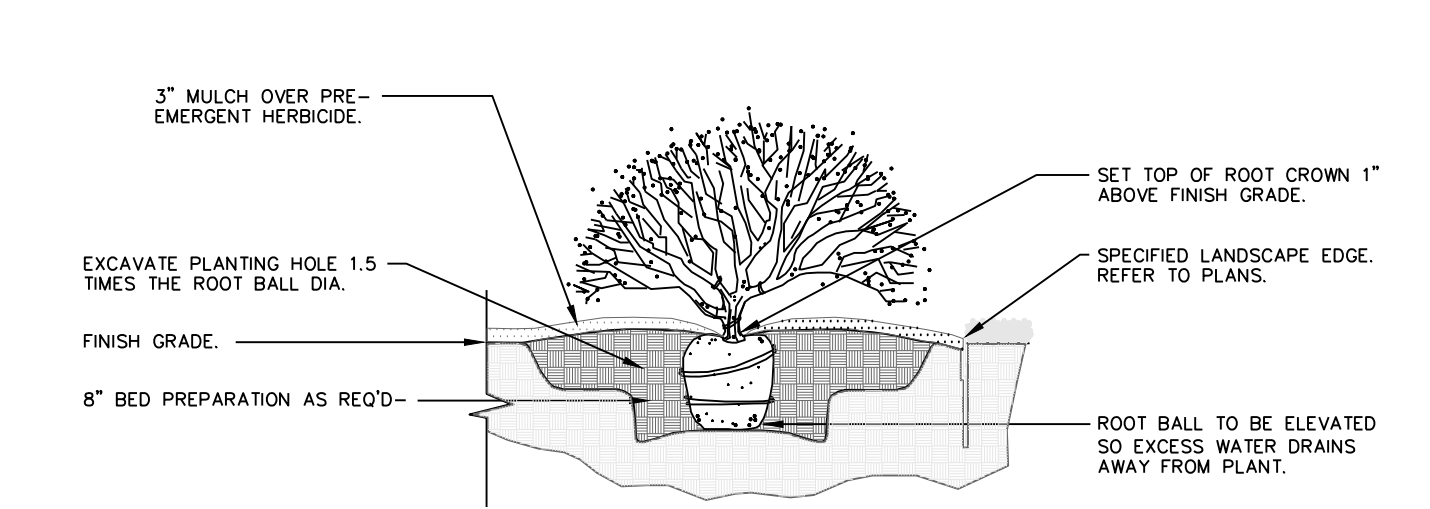
1 **EVERGREEN TREE PLANTING** NTS



2 **DECIDUOUS TREE PLANTING** NTS



3 **SIDEWALK EDGE AT PLANT BED** NTS



4 **SHRUB PLANTING** NTS

GENERAL LANDSCAPE NOTES:

PLANT MATERIAL

- ALL PLANT MATERIAL SHALL BE FIRST CLASS REPRESENTATIVES OF SPECIFIED SPECIES, VARIETY OR CULTIVAR, IN HEALTHY CONDITION WITH NORMAL WELL DEVELOPED BRANCHES AND ROOT PATTERNS. PLANT MATERIAL MUST BE FREE OF OBJECTIONABLE FEATURES. PLANTS SHALL COMPLY IN ALL APPLICABLE RESPECTS WITH PROPER STANDARDS AS SET FORTH IN THE AMERICAN ASSOCIATION OF NURSERYMEN'S "AMERICAN STANDARD OF NURSERY STOCK", ANSI Z601-2004.
- SHRUBS SHALL BE CONTAINER GROWN AND WILL BE FREE OF DISEASE AND PESTS. NO BARE ROOT, ALL PLANT BEDS TO BE MULCHED TO A DEPTH OF 3" WITH DARK BROWN, HARDWOOD MULCH. PLANTING BEDS ARE TO BE FREE OF WEEDS AND GRASS. TREAT BEDS WITH A PRE-EMERGENT HERBICIDE PRIOR TO PLANTING AND MULCH PLACEMENT. APPLY IN ACCORDANCE WITH STANDARD TRADE PRACTICE.
- HOLE AREA FOR TREE TO BE TWICE (2x) THE DIAMETER OF THE ROOT BALL AND ROOT BALL SHALL BE SLIGHTLY MOUNDED FOR WATER RUN-OFF.
- ALL PLANT MATERIALS SHALL BE PROTECTED FROM THE DRYING ACTION OF THE SUN AND WIND AFTER BEING DUG, WHILE BEING TRANSPORTED, AND WHILE AWAITING PLANTING. BALLS OF PLANTS WHICH CANNOT BE PLANTED IMMEDIATELY SHALL BE PROTECTED FROM DRYING ACTION BY COVERING THEM WITH MOST MULCH. PERIODICALLY, APPLY WATER TO MULCH-COVERED BALLS TO KEEP MOIST. IF PLANTING SHOULD OCCUR DURING GROWING SEASON, APPLY ANTI-DESICCANT TO LEAVES BEFORE TRANSPORT TO REDUCE THE LIKELIHOOD OF WINDBURN. REAPPLY ANTI-DESICCANT AFTER PLANTING TO REDUCE TRANSPIRATION. REMOVE TWINE AND BURLAP FROM ROOT BALLS. SOIL ON TOP OF CONTAINERIZED OR BALLED PLANTS IS TO BE REMOVED UNTIL ALL PLANTS' ROOT FLARES ARE EXPOSED. THIS IS THE NATIVE SOIL LINE AT WHICH PLANTING DEPTHS SHOULD BE MEASURED.
- AFTER PLANTING IS COMPLETED, PRUNE MINIMALLY TO REMOVE DEAD OR INJURED TWIGS AND BRANCHES. PRUNE IN SUCH A MANNER AS NOT TO CHANGE THE NATURAL HABIT OR SHAPE OF THE PLANT. MAKE CUTS BACK TO BRANCH COLLAR, NOT FLUSH. DO NOT PAINT ANY CUTS WITH TREE PAINT. CENTRAL LEADERS SHALL NOT BE REMOVED.
- GUARANTEE TREES, SHRUBS, GROUND COVER PLANTS FOR ONE CALENDAR YEAR FOLLOWING PROVISIONAL ACCEPTANCE OF THE OVERALL PROJECT. DURING THE GUARANTEE PERIOD, PLANTS THAT DIE DUE TO NATURAL CAUSES OR THAT ARE UNHEALTHY OR UNSIGHTLY IN CONDITION, SHALL BE REPLACED BY THE CONTRACTOR.

LAWN AND TURF AREAS

- ALL LAWN AREAS TO BE SODDED AS SHOWN ON PLANS. SOD SHALL COMPLY WITH US DEPT. OF AGRICULTURE RULES AND REGULATIONS UNDER THE FEDERAL SEED ACT AND EQUAL IN QUALITY TO STANDARDS FOR CERTIFIED SEED. SOD SHALL BE HEALTHY, THICK TURF HAVING UNDERGONE A PROGRAM OF REGULAR FERTILIZING, MOWING AND WEED CONTROL. SEED AND SOD SHALL BE A TURF-TYPE TALL FESCUE (3 WAY) BLEND. SEED BLEND SHALL CONSIST OF THE FOLLOWING:

TURF-TYPE TALL FESCUE	90%
KENTUCKY BLUEGRASS	10%

- ALL AREAS DISTURBED SHALL BE SODDED.

INSTALLATION

- THE INSTALLATION OF ALL PLANT MATERIALS SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE CITY OF LEE'S SUMMIT, MO. AND LANDSCAPE INDUSTRY STANDARDS.
- ALL LANDSCAPE AREAS TO BE FREE OF ALL BUILDING DEBRIS AND TRASH, BACK FILLED WITH CLEAN FILL SOIL AND TOP DRESSED WITH 4" OF TOPSOIL. TOPSOIL SHALL HAVE A pH RANGE OF 5.5 TO 7 AND A 4% ORGANIC MATERIAL MINIMUM. ASTM D5085.
- PLANT BEDS TO BE "MOUNDED". ALL PLANT MATERIAL, PLANT BEDS, MULCH AND DUG EDGE ARE TO BE INSTALLED PER LANDSCAPE PLANS, DETAILS, AND MANUFACTURER'S RECOMMENDATIONS.
- REESTABLISH FINISH GRADES TO WITHIN ALLOWABLE TOLERANCES ALLOWING 3/4" FOR SOD AND 3" FOR MULCH IN PLANT BEDS. HAND RAKE ALL AREAS TO SMOOTH EVEN SURFACES FREE OF DEBRIS, CLODS, ROCKS, AND VEGETATIVE MATTER GREATER THAN 1".
- ALL PLANT BEDS, SHRUBS AND TREES SHALL BE MULCHED WITH 3" OF DARK BROWN, HARDWOOD MULCH, EXCEPT IF NOTED AS ROCK. DARK BROWN, HARDWOOD MULCH SHALL BE INSTALLED OVER DEWITT PRO 5 WEED CONTROL FABRIC IN PLANT BEDS ONLY.
- CONTRACTOR IS RESPONSIBLE FOR INITIAL WATERING UPON INSTALLATION.
- DUG EDGES ARE TO BE DUG WHERE MULCH BEDS ARE ADJACENT TO TURF AREAS. NO EDGING IS REQUIRED ADJACENT TO PAVEMENT OR CURB.
- THE EXACT LOCATION OF ALL UTILITIES, STRUCTURES, AND UNDERGROUND UTILITIES SHALL BE DETERMINED AND VERIFIED ON SITE BY THE LANDSCAPE CONTRACTOR PRIOR TO INSTALLATION OF THE MATERIALS. DAMAGE TO EXISTING UTILITIES AND/OR STRUCTURES SHALL BE REPLACED TO THEIR ORIGINAL CONDITION BY THE LANDSCAPE CONTRACTOR AT NO COST TO THE OWNER.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS AND RECD INSPECTIONS BY LEGAL AUTHORITIES.
- PROVISIONS SHALL BE MADE FOR READILY ACCESSIBLE IRRIGATION WITHIN 100' MAX. OF ALL LANDSCAPED AREAS INCLUDING ALL PLANT BEDS, INDIVIDUAL TREES, AND TURF AREAS. ALL LAWN AREAS (AS SHOWN ON PLANS) WILL BE IRRIGATED BY AN AUTOMATIC SPRINKLER SYSTEM. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL IRRIGATION COMPONENTS, SLEEVING, PIPE, AND CONTROL. DESIGN DRAWINGS OF IRRIGATION SYSTEM SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT AND OWNER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- ANY SUBSTITUTIONS OR DEVIATIONS SHALL BE REQUESTED IN WRITING BY THE CONTRACTOR FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF PLANT MATERIALS. ALL PLANTS ARE TO BE LOCATED AS SPECIFIED ON DRAWINGS.

MAINTENANCE BY OWNER

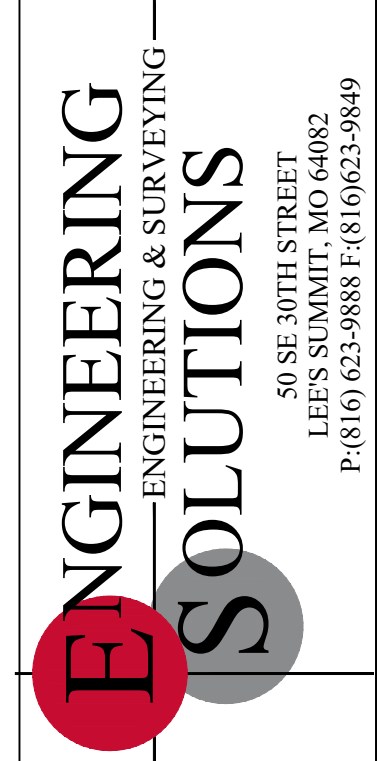
- ALL SHRUBS ARE TO BE MAINTAINED IN THEIR NATURAL SHAPE TO ALLOW EVENTUAL GROWTH INTO A HEDGE.
- MAINTAIN NATURAL HABIT OF ALL SPECIFIED PLANT MATERIAL.
- NEW SOD TO BE THOROUGHLY WATERED UNTIL ROOTS "TAKE HOLD" OF SOD BED. CONTINUE WATERING AS REQUIRED, UNTIL COMPLETELY ESTABLISHED.

IRRIGATION PERFORMANCE SPECIFICATION:

THE FOLLOWING CRITERIA SHALL BE CONSIDERED MINIMUM STANDARDS FOR DESIGN AND INSTALLATION OF LANDSCAPE IRRIGATION SYSTEM:

- GENERAL - IRRIGATION SYSTEM TO INCLUDE DRIP IRRIGATION OF SHRUB BEDS ADJACENT TO BUILDINGS, SPRAY HEADS IN THE PARKING ISLANDS, AND ROTORS AROUND THE PERIMETER OF THE PARKING LOTS. HEADS SHALL THROW AWAY FROM BUILDING AND ACID SPRAYING OVER SIDEWALKS.
- IRRIGATION SYSTEM SHALL CONFORM TO ALL INDUSTRY STANDARDS AND ALL FEDERAL, STATE AND LOCAL LAWS GOVERNING DESIGN AND INSTALLATION.
- WATERLINE TYPW, SIZE LOCATION, PRESSURE AND FLOW SHALL BE FIELD VERIFIED PRIOR TO SYSTEM DESIGN AND INSTALLATION.
- ALL MATERIALS SHALL BE FROM NEW STOCK FREE OF DEFECTS AND CARRY A MINIMUM ONE YEAR WARRANTY FROM THE DATE OF SUBSTANTIAL COMPLETION.
- THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED IN SUCH A WAY THAT ALL SYSTEM COMPONENTS OPERATE WITHIN THE GUIDELINES ESTABLISHED BY THE MANUFACTURER.
- LAWN AREA AND SHRUB BEDS SHALL BE ON SEPARATE CIRCUITS.
- PROVIDE WATER TAP, METER SET, METER VAULT AND ALL OTHER OPERATIONS NECESSARY TO PROVIDE WATER FOR IRRIGATION SHALL CONFORM TO LOCAL WATER GOVERNING AUTHORITY GUIDELINES AND STANDARDS.
- BACKFLOW PREVENTION SHALL BE PROVIDED IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
- IRRIGATION CONTROLLER TO BE LOCATED IN UTILITY ROOM INSIDE BUILDING, AS IDENTIFIED BY OWNER.
- IRRIGATION CONTROLLER STATIONS SHALL BE LABELED TO CORRESPOND WITH THE CIRCUIT IT CONTROLS.
- CONTRACTOR SHALL PROVIDE TO THE OWNER WRITTEN OPERATION INFORMATION FOR ALL SYSTEM COMPONENTS.
- CONTRACTOR SHALL PROVIDE TO THE OWNER ALL KEYS, ACCESS TOOLS, WRENCHES AND ADJUSTING TOOLS NECESSARY TO GAIN ACCESS, ADJUST AND CONTROL THE SYSTEM.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- AN AUTOMATIC RAIN SHUT-OFF OR MOISTURE DEVICE SHALL BE INSTALLED.
- INSTALL SCHEDULE 40 PVC SLEEVES UNDER ALL CURBS, PAVING AND SIDEWALKS. SLEEVES TO BE TWICE THE SIZE OF THE LINE IT HOUSES.
- INSTALL MANUAL DRAIN VALVES AT LOWEST POSSIBLE ELEVATION ON IRRIGATION MAIN TO ALLOW GRAVITY DRAINING OF MAIN DURING WINTER MONTHS. PROVIDE QUICK COUPLERS AT MULTIPLE LOCATIONS TO ALLOW FOR EASY "BLOWING OUT" OF LATERAL AND MAIN LINES.
- ZONES OR NOZZLES SHALL BE DESIGNED WITH MATCHED PRECIPITATION RATES.
- MINIMUM LATERAL DEPTH IS 15" AND MAIN DEPTH IS 18".
- SUBMIT DESIGN DRAWING WITH BID TO ALLOW OWNER TO EVALUATE SYSTEM. INCLUDE CUT SHEETS OF ALL COMPONENTS AND ZONE TABLE ILLUSTRATING FLOWS AND ANTICIPATED PRESSURE AT FURTHEST HEAD.
- AN "AS-BUILT" SCALED DRAWING SHALL BE PROVIDED TO THE OWNER BY THE CONTRACTOR AND SHALL INCLUDE UT NOT BE LIMITED TO THE FOLLOWING:
 - AS CONSTRUCTED LOCATION OF ALL COMPONENTS
 - COMPONENT NAME, MANUFACTURER, MODEL INFORMATION, SIZE AND QUANTITY
 - PIPE SIZE AND QUANTITY
 - INDICATION OF SPRINKLER HEAD SPRAY PATTERN
 - CIRCUIT IDENTIFICATION SYSTEM
 - DETAILED METHOD OF WINTERIZED SYSTEM

SUBMIT AS-BUILT DRAWING IN FULL SIZE DRAWING FORM AS WELL AS PDF ELECTRONIC FORMAT. (SCANNING FULL SIZE COPY OF PLAN IS ACCEPTABLE IF IT CAN BE PRINTED TO SCALE.

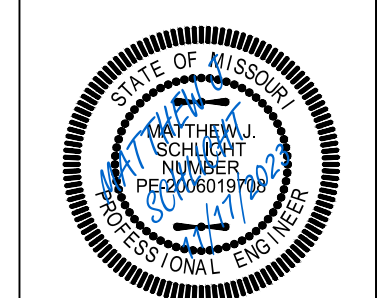


Professional Registration
Missouri
Engineering 200502198-D
Surveying 200500519-D
Kansas
Engineering E-1695
Surveying LS-216
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

CHAPEL RIDGE BUSINESS PARK LOT 98B AND 9D
Part of the South 1/2 of
Section 17, Township 48 North, Range 31 West
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

Project:
CHAPEL RIDGE
LOT 9-C
Issue Date:
November 17, 2023

LANDSCAPE PLAN DETAILS
Preliminary Development Plans for:
CHAPEL RIDGE BUSINESS PARK LOT 98B AND 9D
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI



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

REVISIONS

SURVEYOR'S GENERAL NOTES:

- 1) THIS SURVEY IS BASED UPON THE FOLLOWING INFORMATION PROVIDED BY THE CLIENT OR RESEARCHED BY THIS SURVEYOR.
(A) PLAT OF CHAPEL RIDGE BUSINESS PARK, LOTS 9-A, 9-B, AND TRACT "A9", RECORDED AS INSTRUMENT NO. 20050064343.
- 2) THIS SURVEY MEETS OR EXCEEDS THE ACCURACY STANDARDS OF A (URBAN) PROPERTY BOUNDARY SURVEY AS DEFINED BY THE MISSOURI STANDARDS FOR PROPERTY BOUNDARY SURVEYS.
- 3) NO TITLE REPORT WAS FURNISHED.
- 4) BEARINGS SHOWN HEREIN ARE BASED ON THE PLAT OF CHAPEL RIDGE BUSINESS PARK, LOTS 9-A, 9-B, AND TRACT "A9".
- 5) THIS COMPANY ASSUMES NO RESPONSIBILITY IN THE LOCATION OF EXISTING UTILITIES WITHIN THE SUBJECT PREMISES. THIS IS AN ABOVE-GROUND SURVEY. THE UNDERGROUND UTILITIES, IF SHOWN, ARE BASED ON INFORMATION PROVIDED BY THE VARIOUS UTILITY COMPANIES AND THESE LOCATIONS SHOULD BE CONSIDERED APPROXIMATE. THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES NOT SHOWN ON THIS DRAWING.
- 6) SUBSURFACE AND ENVIRONMENTAL CONDITIONS WERE NOT SURVEYED OR EXAMINED OR CONSIDERED AS A PART OF THIS SURVEY. NO EVIDENCE OR STATEMENT IS MADE CONCERNING THE EXISTENCE OR UNDERGROUND OR OVERHEAD CONDITIONS, CONTAINERS OR FACILITIES THAT MAY AFFECT THE USE OR DEVELOPMENT OF THIS PROPERTY. NO ATTEMPT HAS BEEN MADE TO OBTAIN OR SHOW DATA CONCERNING EXISTENCE, SIZE, DEPTH, CONDITIONS, CAPACITY OR LOCATION OF ANY UTILITY EXISTING ON THE SITE, WHETHER PRIVATE, MUNICIPAL OR PUBLIC OWNED.

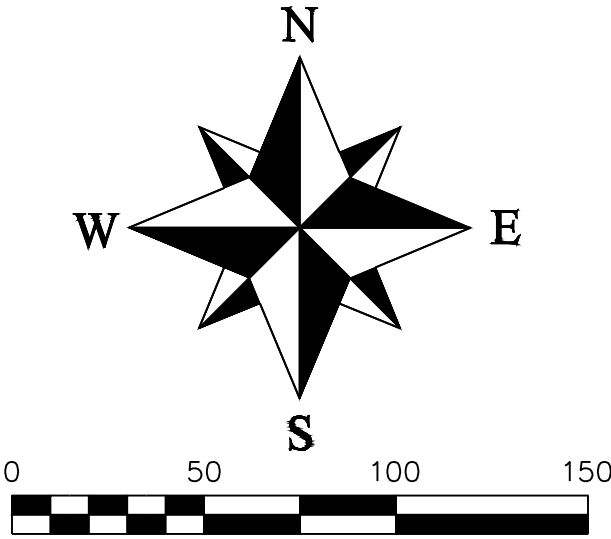
DEVELOPER:

CRCP INVESTMENTS LLC
3170 NE CARNEGIE DR STE 400
LEES SUMMIT MO 64064

Missouri State Plane Coordinate System
1983, Missouri West Zone
(2003 Adjustment)
Reference Monument: JA-134
Combined Scale Factor: 0.999903519

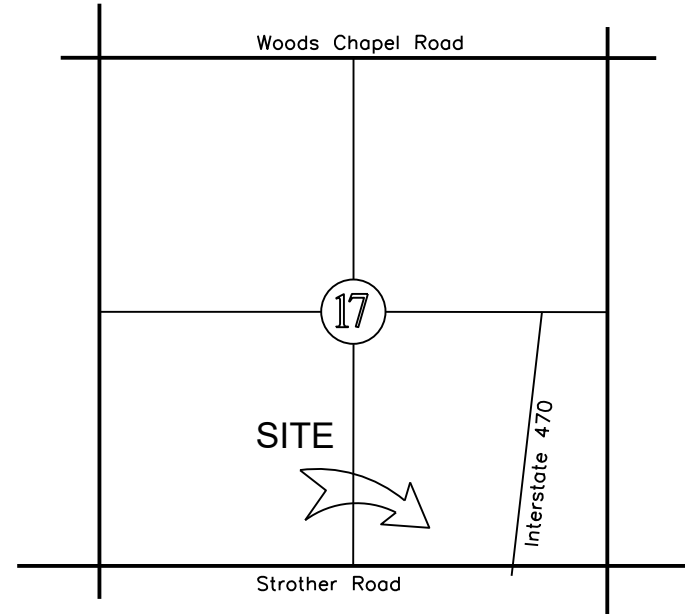
POINT	NORTHING	EASTING
1	311101.905	862036.974
2	311037.639	862003.928
3	310961.231	861983.855
4	310932.772	862016.9773
5	310927.721	862153.988
6	310984.635	862160.306
7	310990.078	862163.123
8	311034.823	862094.704
9	311055.368	862108.141
JA 134	312470.096	862368.274

Coordinates Shown in Meters



Minor Plat of
Chapel Ridge Business Park
Lots 9-DD

A Replat of Lots 9-BB and 9-D
Section 17, Township 48 North, Range 31 West
Lee's Summit, Jackson County, Missouri



LOCATION MAP
SECTION 17-T48N-R31W

LEGEND

These standard symbols will be found in the drawing.

- Set 1/2" Rebar & Cap
- ⊙ Found Survey Monument (As Noted)
- ① Exception Document Location
- X — X — Existing Fence Line — Chain Link
- W — Existing Water Line
- SS — Existing Sanitary Sewer Main
- STM — Existing Storm Sewer
- G — Existing Gas Line
- T — Existing Underground Telephone

PLAT DESCRIPTION:

ALL OF LOT 9-BB AND LOT 9-D, CHAPEL RIDGE BUSINESS PARK, LOTS 9-BB, 9-C, AND LOT D, A SUBDIVISION IN LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

DEDICATION:

THE UNDERSIGNED PROPRIETOR OF THE ABOVE DESCRIBED TRACT OF LAND HAS CAUSED THE SAME TO BE SUBDIVIDED IN THE MANNER SHOWN ON THE ACCOMPANYING MINOR PLAT, WHICH PLAT AND SUBDIVISION SHALL HEREAFTER BE KNOWN AS:

"CHAPEL RIDGE BUSINESS PARK LOTS 9DD"

EASEMENTS:

AN EASEMENT OR LICENSE IS HEREBY GRANTED TO THE CITY OF LEE'S SUMMIT, MISSOURI, TO LOCATE, CONSTRUCT AND MAINTAIN, OR TO AUTHORIZE THE LOCATION, CONSTRUCTION AND MAINTENANCE OF POLES, WIRES, ANCHORS, CONDUITS, AND/OR STRUCTURES FOR WATER, GAS, SANITARY SEWER, STORM SEWER, SURFACE DRAINAGE CHANNEL, ELECTRICITY, TELEPHONE, CABLE TV, OR ANY OTHER NECESSARY PUBLIC UTILITY OR SERVICES, ANY OR ALL OF THEM UPON, OVER, OR UNDER THOSE AREAS OUTLINED AND DESIGNATED UPON THIS PLAT AS "UTILITY EASEMENTS" (U.E.), "DRAINAGE EASEMENT" (D.E.) OR WITHIN ANY STREET OR THOROUGHFARE DEDICATED TO THE PUBLIC USE ON THIS PLAT. GRANTOR, ON BEHALF OF HIMSELF, HIS HEIRS, HIS ASSIGNS AND SUCCESSORS IN INTEREST, HEREBY WAIVES, TO THE FULLEST EXTENT ALLOWED BY LAW, INCLUDING, WITHOUT LIMITATIONS, SECTION 527.188, RSMo (2006), ANY RIGHT TO REQUEST RESTORATION OF RIGHTS PREVIOUSLY TRANSFERRED AND VACATION OF THE EASEMENTS HEREIN GRANTED.

PRIVATE STREETS:

RIGHT OF ENTRANCE IS HEREBY GRANTED TO THE U. S. POSTAL SERVICE, POLICE, FIRE, EMERGENCY MEDICAL SERVICES, AND LICENSED UTILITY COMPANIES TO ENTER AND TRAVEL UPON PRIVATE STREETS SHOWN AND LABELED AS "INGRESS-EGRESS EASEMENT" IN THE PERFORMANCE OF THEIR RESPECTIVE SERVICES. SAID EASEMENT IS ALSO FOR THE MUTUAL BENEFIT OF THE PRESENT AND FUTURE OWNERS OF THE LOTS, THEIR MORTGAGEES, TENANTS AND BUSINESS INVITEES.

THE PRIVATE STREETS SHALL BE OWNED AND MAINTAINED TO THE LIMITS OF EACH LOT LINE BY THE INDIVIDUAL LOT OWNERS AND THEIR HEIRS AND ASSIGNS.

BUILDING LINES:

BUILDING LINES OR SETBACK LINES ARE HEREBY ESTABLISHED AS SHOWN ON THE ACCOMPANYING PLAT AND NO BUILDING OR PORTION THEREOF SHALL BE CONSTRUCTED BETWEEN THIS LINE AND THE STREET RIGHT OF WAY LINE.

OIL - GAS WELLS:

THERE IS NO VISIBLE EVIDENCE OF ABANDONED OIL OR GAS WELLS LOCATED WITHIN THE PLAT BOUNDARIES, AS IDENTIFIED IN "ENVIRONMENTAL IMPACT STUDY OF ABANDONED OIL AND GAS WELLS IN LEE'S SUMMIT, MISSOURI," EDWARD ALTON MAY JR., P.E., 1995.

FLOODPLAIN:

THIS PROPERTY IS NOT WITHIN THE BOUNDARIES OF THE 100 YEAR FLOOD ZONE ACCORDING TO FEMA FLOOD INSURANCE MAP, NUMBER 29095C0430G, DATED JANUARY 20, 2017.

DRAINAGE NOTE:

THE INDIVIDUAL LOT OWNER SHALL NOT CHANGE OR OBSTRUCT THE DRAINAGE FLOW LINES OR PATHS ON THE LOTS, UNLESS SPECIFIC APPLICATION IS MADE AND APPROVED BY THE CITY ENGINEER.

SIDEWALKS:

THE FUTURE SIDEWALK ALONG NE RALPH POWELL DRIVE TO BE INSTALLED WITH THE ADJACENT LOT CONSTRUCTION.

OWNER:

IN TESTIMONY THEREOF:
CRCP INVESTMENTS LLC, A MISSOURI CORPORATION, HAS CAUSED THESE PRESENT TO BE SIGNED THIS
DAY OF _____ 20__.

EXECUTIVE MEMBER: MIKE ATCHESON

NOTARY CERTIFICATION

STATE OF _____
COUNTY OF _____

ON THIS _____ DAY OF _____, 20__, BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, PERSONALLY APPEARED MIKE ATCHESON, EXECUTIVE MEMBER OF CRCP INVESTMENTS LLC, A MISSOURI CORPORATION, TO ME KNOWN TO BE THE PERSON DESCRIBED HEREIN AND WHO EXECUTED THE FOREGOING INSTRUMENT ON BEHALF OF SAID COMPANY AND BEING DULY SWORN BY ME DID ACKNOWLEDGE THAT HE/SHE EXECUTED THE FOREGOING INSTRUMENT AS THEIR FREE ACT AND DEED.

IN WITNESS WHEREOF

I HAVE SET MY HAND AND AFFIXED MY SEAL THE DAY AND YEAR LAST WRITTEN ABOVE.

MY COMMISSION EXPIRES _____
NOTARY PUBLIC

JACKSON COUNTY:

APPROVED: ASSESSOR'S OFFICE

JACKSON COUNTY ASSESSOR _____ DATE _____

CITY OF LEE'S SUMMIT:

THIS IS TO CERTIFY THAT THE MINOR PLAT OF "CHAPEL RIDGE BUSINESS PARK LOTS 9DD" WAS SUBMITTED TO AND DULY APPROVED BY THE CITY OF LEE'S SUMMIT, PURSUANT TO CHAPTER 33, THE UNIFIED DEVELOPMENT ORDINANCE, OF THE CITY OF LEE'S SUMMIT CODE OF ORDINANCES.

TRISHA FOWLER ARCURI _____ CITY CLERK _____ DATE _____

APPROVED:
PUBLIC WORKS / ENGINEERING

GEORGE M. BINGER III, P.E., _____ CITY ENGINEER _____ DATE _____

DEVELOPMENT SERVICES

RYAN A. ELAM, PE, _____ DATE _____
DIRECTOR OF DEVELOPMENT SERVICES

PLAT CERTIFICATION:

I hereby certify that the Minor Plat of "Chapel Ridge Business Park Lots 9BB, 9C, & 9D", a subdivision is based on an actual survey made on the ground by me or under my direct supervision and that said plat meets or exceeds the current Minimum Standards for Property Boundary Surveys as established by the Department of Natural Resources, Division of Geology and Land Survey. I further certify that I have complied with all statutes, ordinances and regulations governing the practice of land surveying and all platting of subdivisions as established by the Missouri Board for Architects, Professional Engineers and Professional Land Surveyors to the best of my professional abilities, knowledge and beliefs.

Matthew J. Schlicht, MOPLS 2012000102 _____ Date: _____
Engineering Solutions, LLC LS-2005008139-D

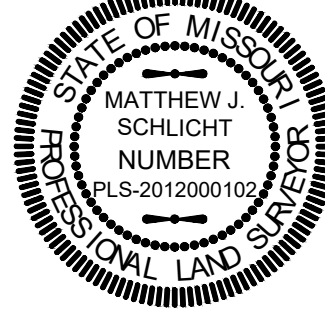
REVISIONS

DATE	REVISIONS

Chapel Ridge Business Park
A Replat of Lots 9-BB & LOT 9-D
Section 17, Township 48 North, Range 31 West
Lee's Summit, Jackson County, Missouri

Minor Plat

PROFESSIONAL SEAL



ENGINEERING
ENGINEERING & SURVEYING
SOLUTIONS
50 SE 30TH STREET
LEE'S SUMMIT, MO 64082
P: (816) 623-9888 F: (816) 623-9849