

CHAPEL RIDGE BUSINESS PARK LOTS 19 & 1-F

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 19 & 1-F.

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.

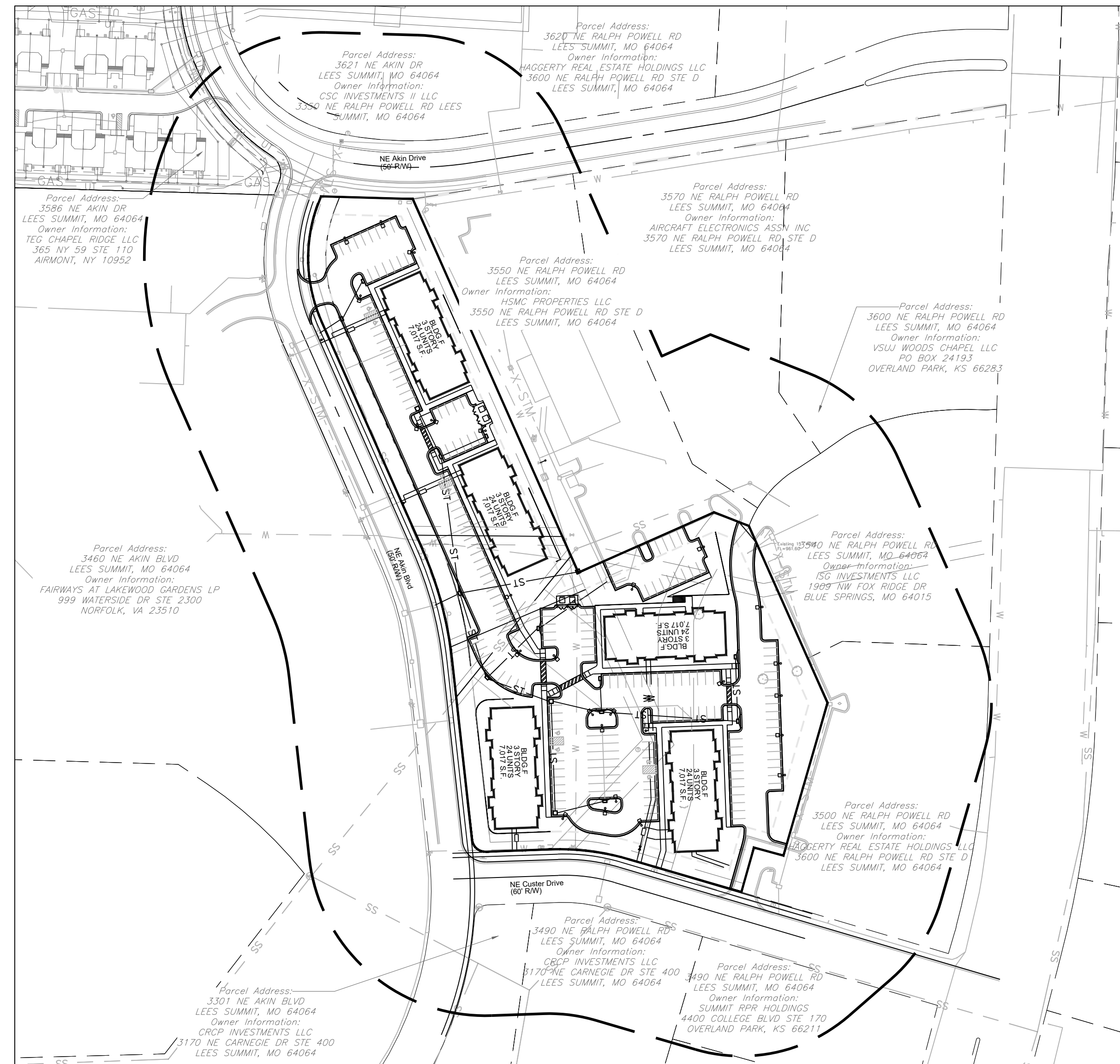
UTILITY COMPANIES:

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 - 288-1496
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

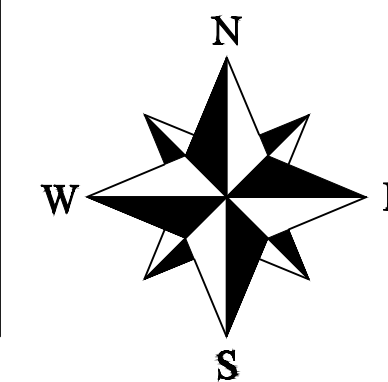
GENERAL NOTES:

- 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'



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	4.62 acres (201,322.96 sq. ft.)
Proposed Apartment Site	
Site Area	4.62 Acres
Building	35,085 sq. ft.
Parking	81,633 sq. ft.
Sidewalk	9,238 sq. ft.
Impervious Area	126,456 sq. ft. (62.81% of Site)
Total Units	120
Density	25.97 units per acre

Parking:

Provided	
192 Standard (8 ADA Accessible)	
Required	
Total per Unit	120 UNITS x 1.5 = 180
180 Standard (0 ADA Accessible)	
Total Parking Spaces	200

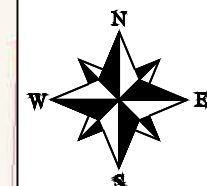
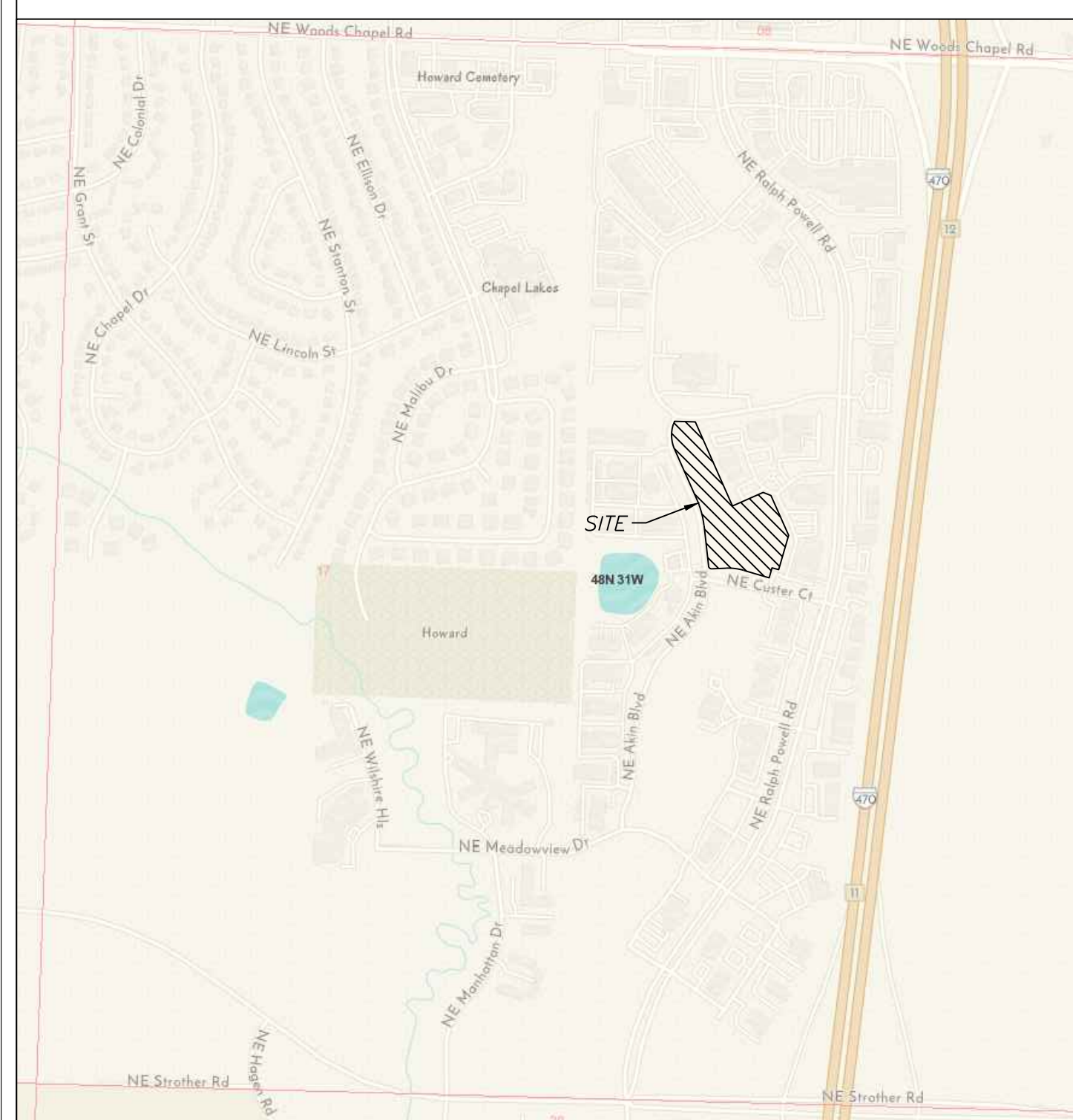
Current Zoning: CP-2
Proposed Zoning: RP-3

Site Improvement Notes

- Sanitary Sewer Improvements**
-The site will utilize the existing sanitary sewer on the east side of NE Akin Drive
- Water Main Improvements**
-The existing 8" water main located on the west side of NE Akin Drive
- 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
- Common Area**
-HOA will be responsible for all maintenance

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

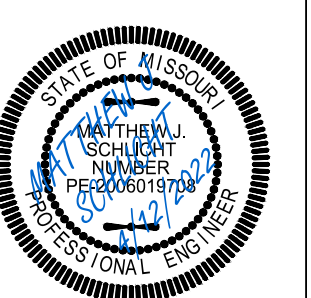


Professional Registration
Missouri
Engineering 200502188-D
Surveying 20050319-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

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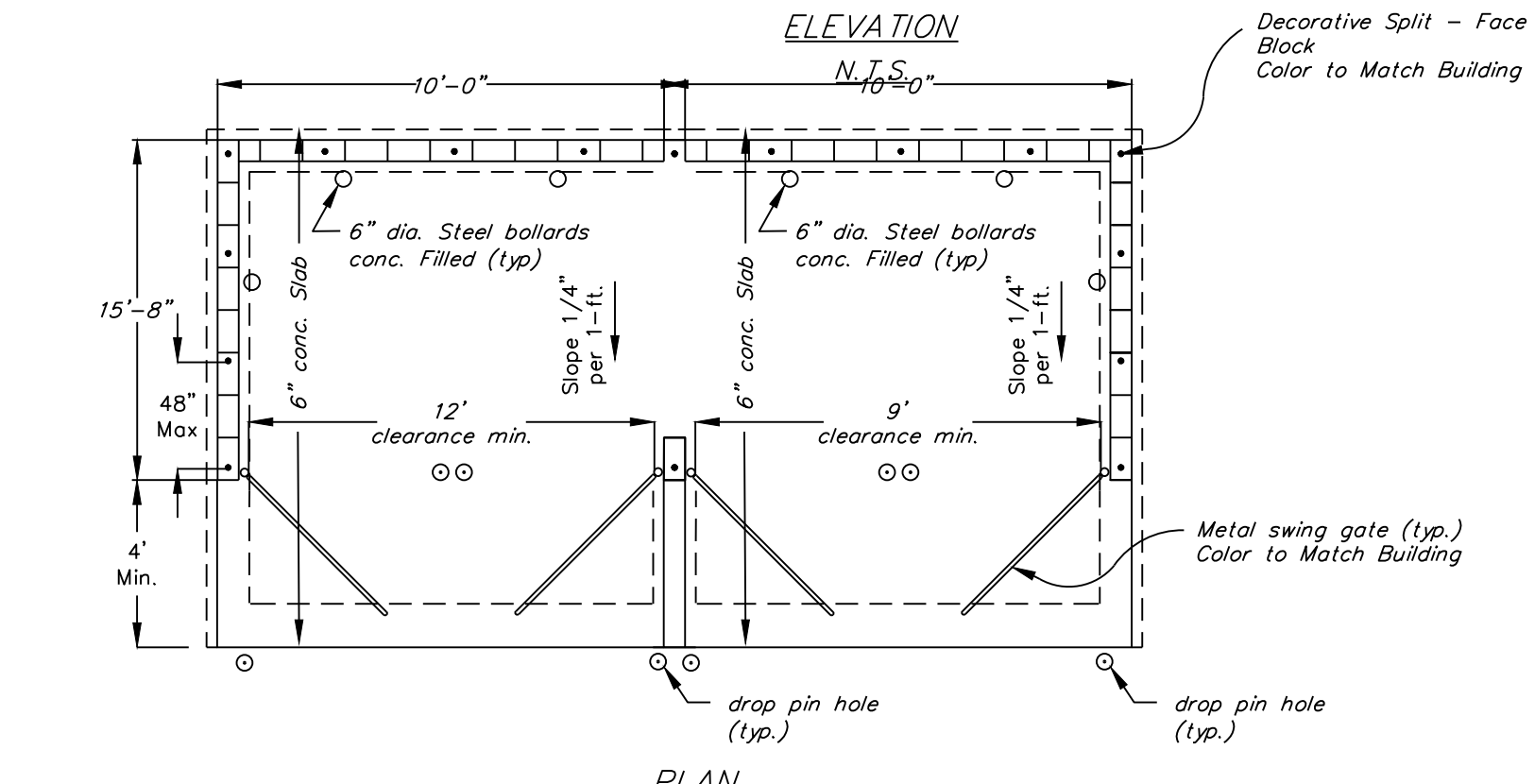
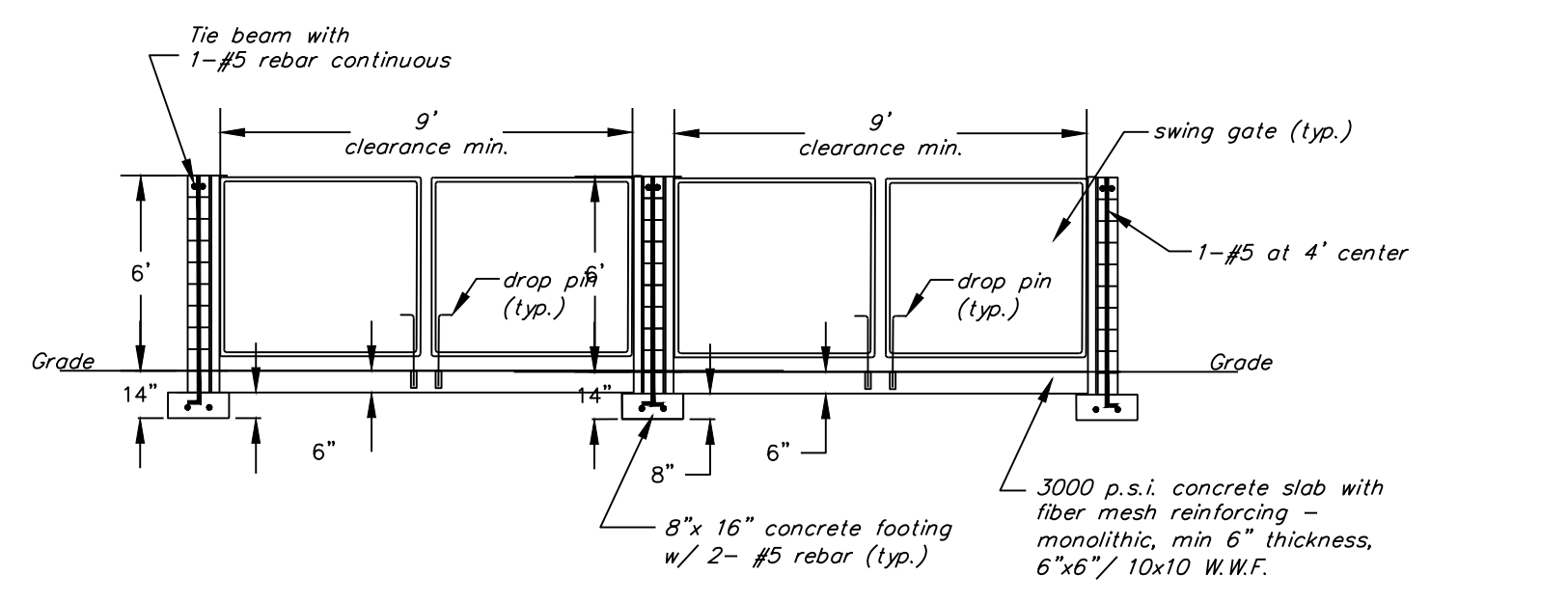
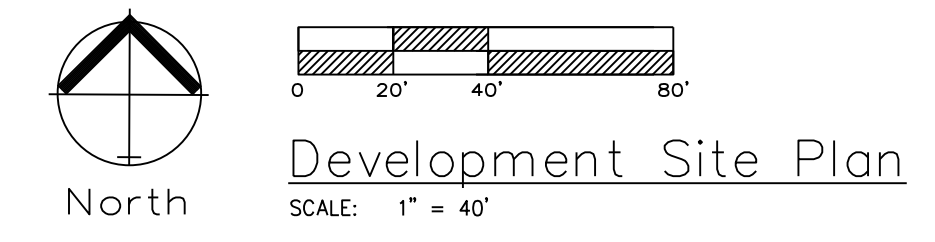
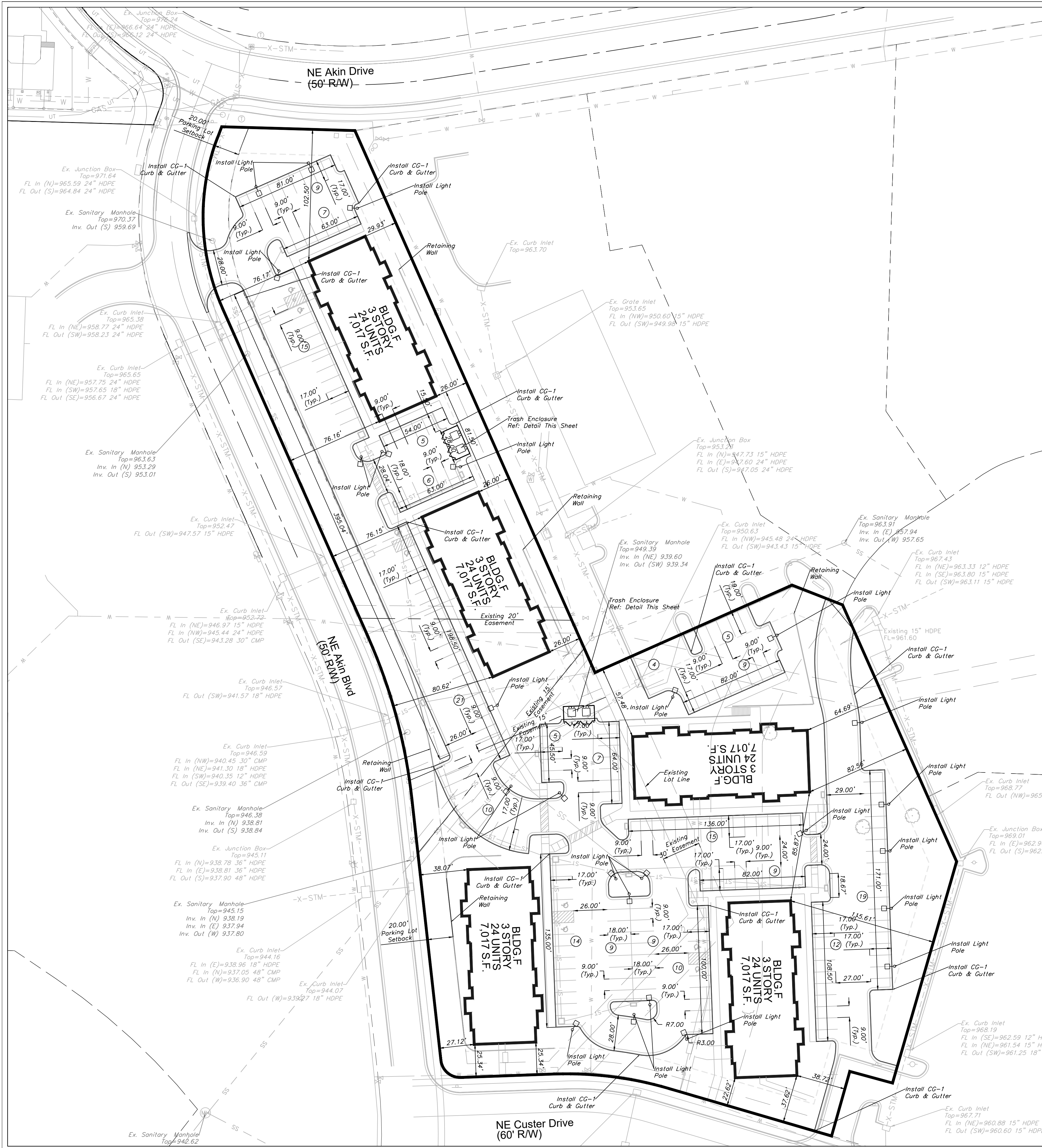
Project: CHAPEL RIDGE LOT 19
Issue Date: April 12, 2022

OVERALL SITE PLAN
Preliminary Development Plans for:
CHAPEL RIDGE BUSINESS PARK LOTS 19 & 1-F
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI



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

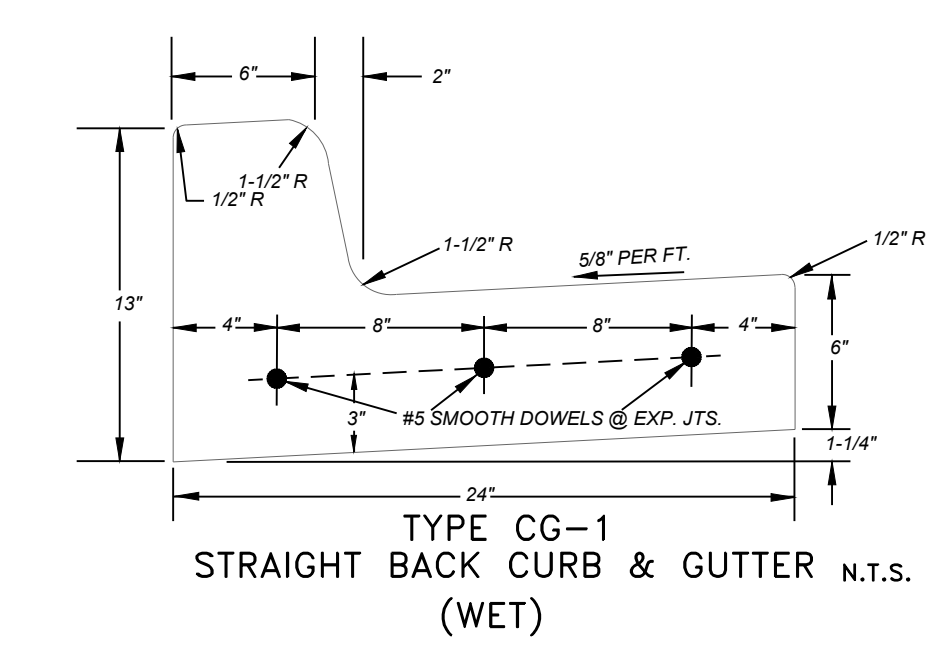
REVISIONS



DUMPSTER ENCLOSURE
N.T.S.



EXTERIOR ELEVATION TRASH ENCLOSURE - FRONT ELEVATION
5



TYPE CG-1 STRAIGHT BACK CURB & GUTTER
(WET)
N.T.S.



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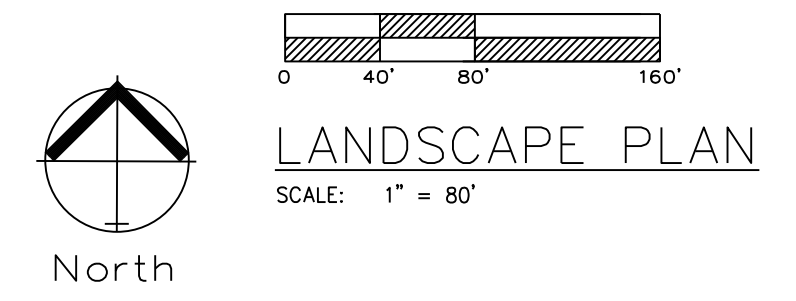
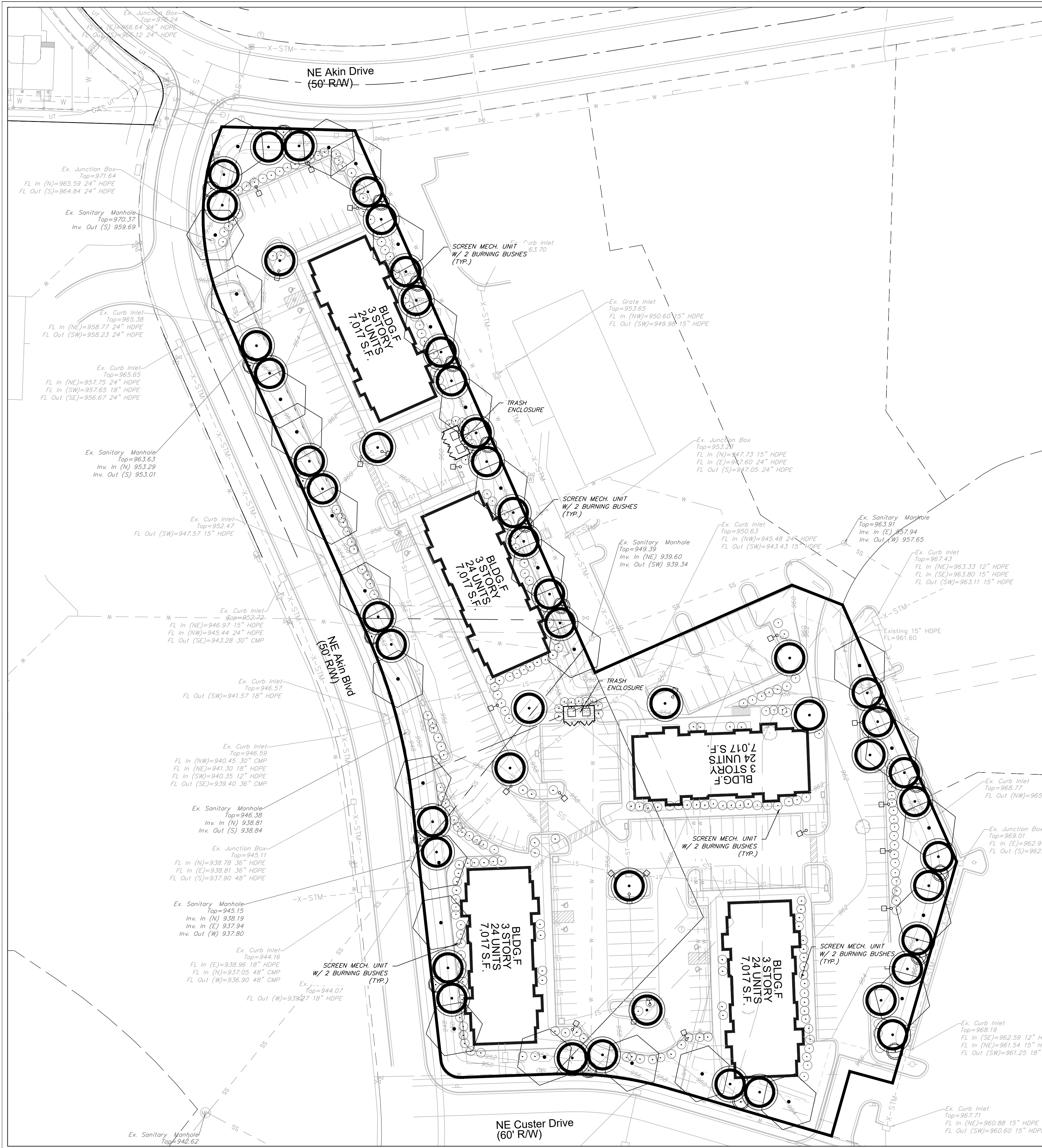
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DEVELOPMENT SITE PLAN
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NO.	REVISIONS



LANDSCAPE WORKSHEET

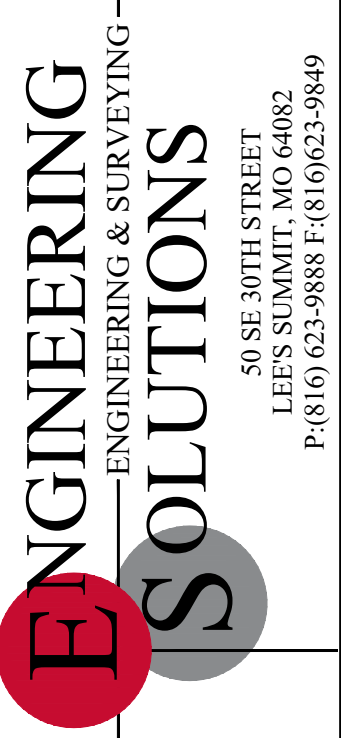
	ORDINANCE REQUIREMENT	REQUIRED FOR THIS SITE	PROPOSED LANDSCAPE
14.090.A1 Street Frontage Trees (NE AKIN DRIVE)	1 tree per 30 feet of street frontage	104 ft. of street frontage /30= 4 trees required	4 Trees Provided
14.090.A.3 Street Frontage Shrubs (NE AKIN DRIVE)	1 shrub per 20 feet of street frontage	104 ft. of street frontage /20= 5 shrubs required	5 shrubs provided
14.090.A1 Street Frontage Trees (NE AKIN BLVD)	1 tree per 30 feet of street frontage	760 ft. of street frontage /30= 25 trees required	25 Trees Provided
14.090.A.3 Street Frontage Shrubs (NE AKIN BLVD)	1 shrub per 20 feet of street frontage	760 ft. of street frontage /20= 38 shrubs required	38 shrubs provided
14.090.A1 Street Frontage Trees (NE CUSTER DRIVE)	1 tree per 30 feet of street frontage	317 ft. of street frontage /30= 11 trees required	11 Trees Provided
14.090.A.3 Street Frontage Shrubs (NE CUSTER DRIVE)	1 shrub per 20 feet of street frontage	317 ft. of street frontage /20= 16 shrubs required	16 shrubs provided
14.090.B1 Open Yard Shrubs	2 shrubs per 5000 sq. ft. of total lot area excluding building and parking	201,323 sq. ft. of total lot area minus 116,718 sq. ft. of bldg. & parking= 84,605 sq. ft. /5,000 x 2 = 34 shrubs	34 shrubs
14.090.B.3 Open Yard Trees	1 tree per 5000 sq. ft. of total lot area excluding building and parking.	201,323 sq. ft. of total lot area minus 116,718 sq. ft. of bldg. & parking= 84,605 sq. ft. /5,000 = 17 trees	59 Provided
14.110. Parking Lot Landscape	5% of entire parking area (spaces, aisles & drives); 1 island at end of every parking box, min. 9' wide	81,633 sq. ft. of parking area x .05 = 4,082 sq. ft. of landscape parking lot islands required	4,082 sq. ft.
14.120 Screening of Parking Lot, Road	12 shrubs per 40 linear feet (must be 2.5 feet tall; berms may be combined with shrubs)	834 linear feet/40 x 12	268 shrubs provided

*STREET SHRUBS ARE SATISFIED WITH PARKING LOT SCREENING REQUIREMENTS.

PLANTING SCHEDULE:

IS FOR PHASE I ONLY; AT FULL BUILD THE UNIFIED DEVELOPMENT ORDINANCE REQUIREMENTS SHALL BE MET.

SYMBOL	QUANT.	KEY	NAME	SIZE
tree	29	TA	AMERICAN BASSWOOD LINDEN TILIA AMERICANA	3.0" CAL
evergreen	20	SR	SKYROCKET JUNIPER JUNIPERUS SCOPULORUM "SKYROCKET"	8' HL
tree	50	RB	OKLAHOMA REDBUD CERCIS RENIFORMIS "OKLAHOMA"	3.0" CAL
shrub	268	BB	BURNING BUSH EUONYMUS ALATA "COMPACTUS"	2 Gallon Pot

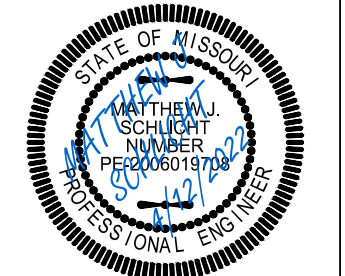


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