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KANSAS CITY	
MISSOURI	
'UP'	

City	Plan Commission
omme	nds Approval with Conditions
se No. <u>.</u>	CD-CPC-2024-00142 ON 11-20-2024 CD-CPC-2024-00143
(Jana Gupcianu, I AIUF
Secre	tary of the City Plan Commission

CITY OF KAN

GENERAL NOTES:

1. PROPOSED CONTOURS, BMP's, GRADES, EASEMENTS, AND UTILITIES ARE INDICATED IN PLAN SET AND ARE SUBJECT TO FINAL ENGINEERING DESIGN AND APPROVAL BY DEVELOPMENT SERVICES, PRIVATE UTILITY COMPANIES AND FINAL PLAN APPROVAL. SEE GRADING, UTILITY, AND/OR STORM WATER MANAGEMENT PLAN.

2. FINAL PLANS FOR BUILDINGS WILL INCLUDE FINAL DETAILS ON BUILDING MATERIALS, BUILDING ELEVATIONS, AND SITE LIGHTING.

3. PARKING: WILL BE PROVIDED AS REQUIRED IN SECTION 88-420 OF THE KANSAS CITY ZONING AND DEVELOPMENT CODE.

4. LIGHTING: THE EXTERIOR LIGHTING IS TO BE DESIGNED TO COMPLY WITH KANSAS CITY ZONING AND DEVELOPMENT CODE SECTION 88-430.

5. STORM WATER DETENTION AND BMP'S SHALL BE PER APPROVED STORM DRAINAGE STUDY OR PER DEPARTMENT OF PUBLIC WORKS. STORM WATER STUDY WILL IDENTIFY DETENTION, VOLUME CONTROL, AND TREATMENT AREAS. PROPOSED STORM WATER SYSTEM AND STORM WATER BMP'S ARE INDICATED ON STORM WATER, GRADING, AND UTILITY PLANS.

6. PARKLAND DEDICATION FEES SHALL FOLLOW KCMO ORDINANCE 88-408. REFER TO PARKLAND DEDICATION AND FEE CALCULATION TABLES IN PLAN SET.

7. BUILDING AND PARKING DIMENSIONS HAVE BEEN ROUNDED TO THE NEAREST FOOT.

PREPARED BY:

MILBURN CIVIL ENGINEERING, LLC 33135 W 83RD STREET DE SOTO, KS 66018 913-583-0367 MATTHEW RAVEILL, PE MATT@MILBURNCE.COM

OWNER/APPLICANT:

INDIANA NORTH DEVELOPMENT, LLC 7067 NW SCENIC DR. PARKVILLE, MO 64152 C/O ED LEWIS

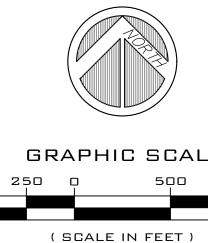


INDIANA COMMONS INDIANA AVE & BARRY RD CITY OF KANSAS CITY, CLAY COUNTY, MISSOURI

REZONING & DEVELOPMENT PLANS AND PRELIMINARY PLAT

INDEX C C-0 C-1 C-2 C-3 C-4

C-5 L1 ES1.01 A200



S	MILBURN CIVIL ENGIN MILBURN CIVIL ENGIN 3135 W 83RD ST DE SOTO, KS 66018 913–583–0367	
DF SHEETS COVER SHEET SITE PLAN GRADING PLAN UTILITY PLAN EXISTING CONDITIONS TREE PLAN/ TREE PRESERVATION & MITIGATION PLAN PRELIMINARY PLAT LANDSCAPE PLAN SITE LIGHTING PHOTOMETRICS EXTERIOR ELEVATIONS	INDIANA COMMONS Rezoning & Development Plans AND PRELIMINARY PLAT	INDIANA AVENUE AND BARRY ROAD KANSAS CITY, MO
PROJECT JUNE LOCATION NE 1/4 NW 1/4 NE 1/4 SW 1/4 SE 1/4 NW. 80th STREET	DATE DESIGNED BY CHECKED BY REVISIONS 1-2024.10.31 KCMO	

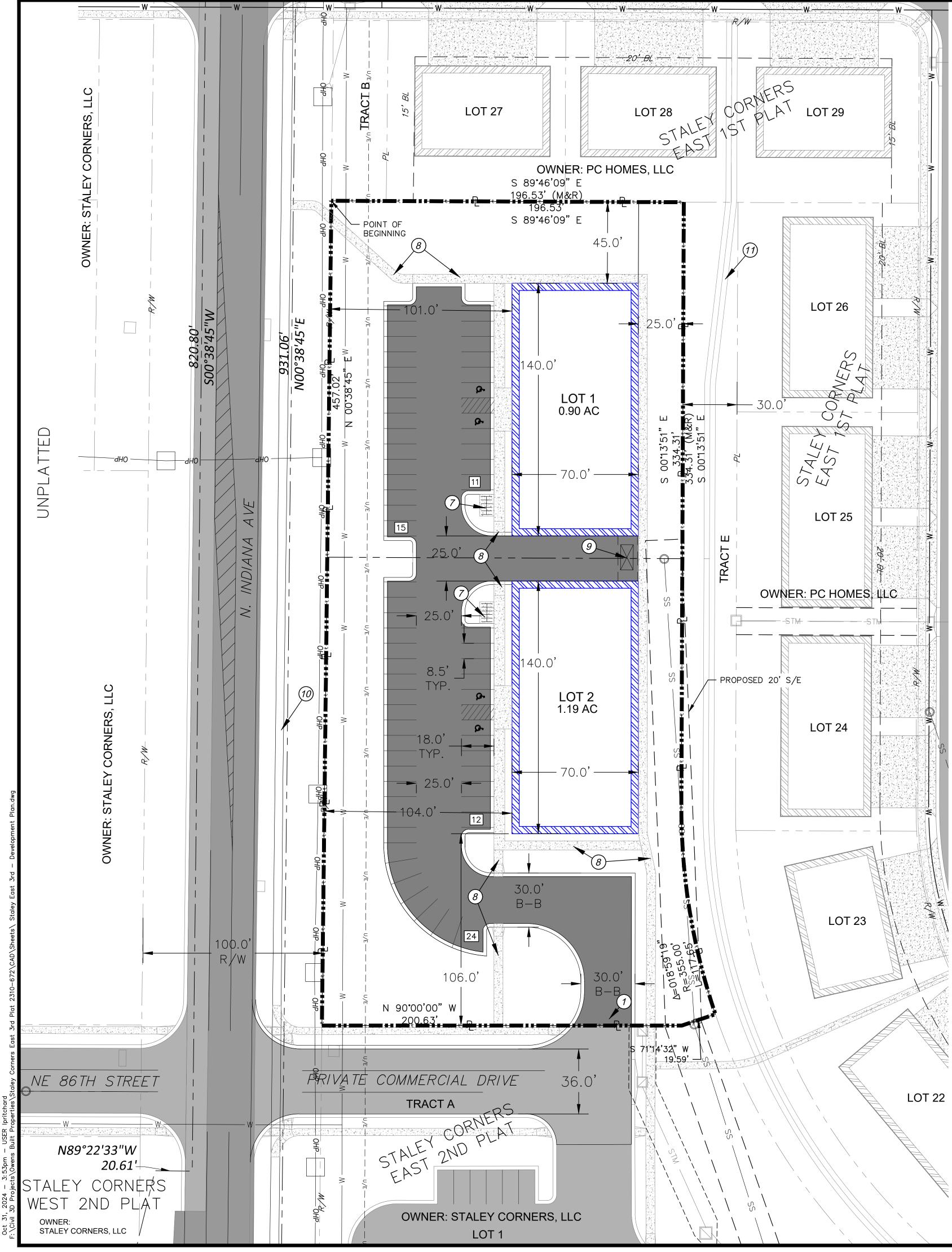
COVER SHEET

C-0

PRELIMINARY-NOT FOR CONSTRUCTION

VICINITY MAP

SEC. 07-51-32 N.T.S.



- (1) PROPOSED PRIVATE ENTRY DRIVE
- (7) PROPOSED BICYCLE PARKING
- (8) PROPOSED SIDEWALK
- (9) PROPOSED TRASH ENCLOSURE
- (10) EXISTING SIDEWALK
- (11) STALEY CORNERS EAST 1ST PLAT TRAIL

NOTE: ALL B2-2 USES ARE PERMITTED

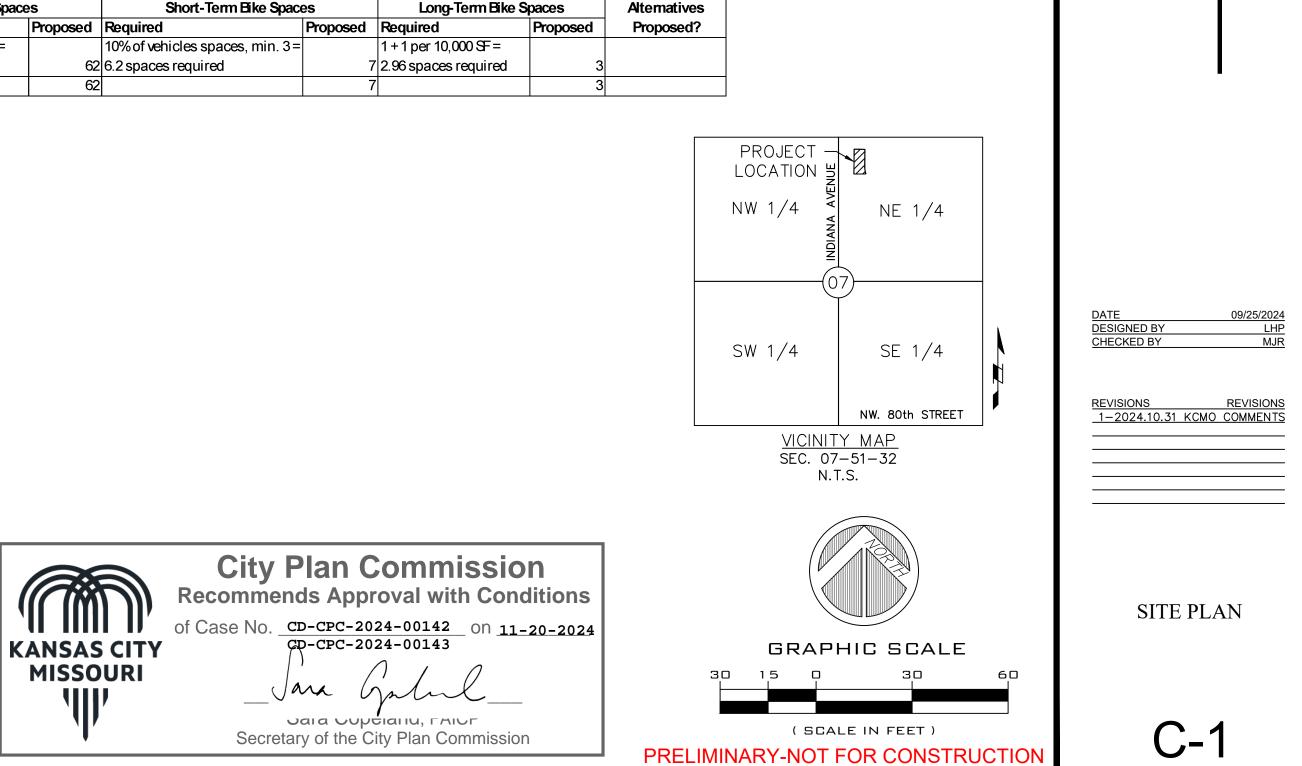


particularly described as follows: of 117.65 feet; Thence South 71°14'32" West, 19.59 feet;

			Deviation		
Site Data	Existing	Proposed	Requested?	Approved	
Zoning	R-1.5	B2-2			
Gross Land Area					
In square feet	91,292	91,292			
In acres	2.09	2.09			
Right-of-way Dedication					
In square feet	-	-			
In acres	-	-			
Net Land Area					
In square feet	-	-			
In acres	-	-			
Building Area (sq. ft.)	-	19,600			
Floor Area Ratio	-	0.22			
Residential Use Info					
Total Dwelling Units	-	-			
Detached House	-	-			
Zero lot line House	-	-			
Cottage House	-	-			
Semi-attached House	-	-			
Townhouse	-	-			
Two-Unit House	-	-			
Multi-Unit House	-	-			
Colonnade	-	-			
Multiplex	-	-			
Multi-unit Building	-	-			
Total Lots	-	2			
Residential	-	-			
Public/Civic	-	-			
Commercial	-	2			
Industrial	-	-			
Other	-	-			

			Deviation		
Building Data	Required	Proposed	Requested?	Approved	
	Abutting Residential: 25% of lot depth, Max = 30'				
Rear Setback	Abutting Other: None	25'			
	Abutting Residential: Match Residential setback				
Front Setback	Abutting Other: None	101'			
	Abutting Residential: 10% of lot width, Max = 8'				
Side Setback	Abutting Other: None	23'			
	Abutting Residential: 15'				
Side Setback (abutting street)	Abutting Other: None	106'			
Height	50' (Max.)	21'			
Square Feet per floor	25,000 (Max.)	9,800			
#of Floors	N/A	1			

	Vehicles Spaces		Short-Term Bike Space	es
88-420 Parking	Required	Proposed	Required	Pro
	2.5 spaces / 1000 SF =		10% of vehicles spaces, min. 3=	
Retail (19,600 SF)	49 spaces required	62	6.2 spaces required	
Total		62		



STM PROPOSED STORM SEWER

LEGAL DESCRIPTIONS

A Tract of land in the Northeast Quarter of Section 7, Township 51 North, Range 32 West, in Kansas City, Clay County, Missouri being more

Beginning at the Southwest Corner of Tract B, STALEY CORNERS EAST FIRST PLAT, a subdivision in Kansas City, Clay County Missouri, thence South 89°46'09" East along the South line of said Tract B and Lots 27 and 28, said STALEY CORNERS EAST FIRST PLAT, 196.53 feet to the Northwest Corner of Tract E, said STALEY CORNERS EAST FIRST PLAT;

Thence South 00°13'51" West along the West line of said Tract E, 334.31 feet; Thence on a curve to the left, continuing along said West line, tangent to the last described course, having a radius of 355.00 feet and an arc length

Thence North 90°00'00" West, 200.63 feet to the East Right-of-Way line of N Indiana Avenue, as now established; Thence North 00°38'45" East along said East Right-of-Way line, 457.02 feet to the Point of Beginning.

Contains 91,292 square feet or 2.09 acres more or less.



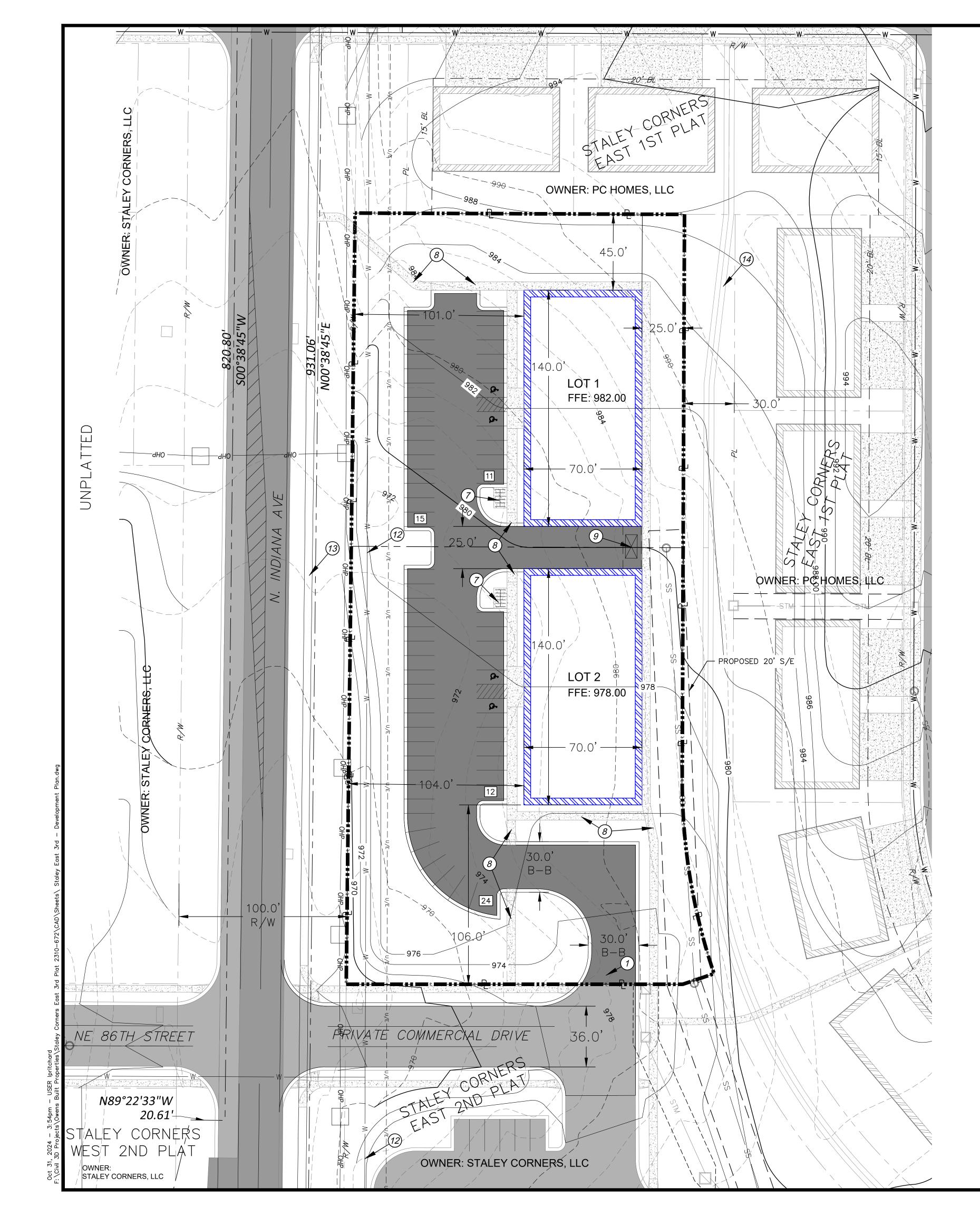


Milburn Civil Engineering, LLC

MILBURN CIVIL ENGINEERING, LLC 33135 W 83RD ST DE SOTO, KS 66018 913-583-0367



INDIANA COMMONS REZONING & DEVELOPMENT PLANS AND PRELIMINARY PLAT ROAD 3ARRY MO Щ AND CITY 'ENUE NNSAS AVI KA INDIANA



- 1 PROPOSED PRIVATE ENTRY DRIVE
- 7 PROPOSED BICYCLE PARKING
- 8 PROPOSED SIDEWALK
- (9) PROPOSED TRASH ENCLOSURE
- (12) EXISTING WATER MAIN LINE
- (13) EXISTING SIDEWALK
- (14) STALEY CORNERS EAST 1ST PLAT TRAIL

Building Data Rear Setback

Front Setback

Side Setback

Side Setback (abutting Height

Square Feet per floor #of Floors



LEGEND

	PROPOSED SANIT
SS	EXISTING SANITA
	PROPOSED WATE
	EXISTING WATER
	PROPOSED STOR
——R/W——	EXISTING R/W
——PL——	PROPERTY LINE

PROPOSED SANITARY EXISTING SANITARY PROPOSED WATER EXISTING WATER PROPOSED STORM SEWER EXISTING R/W





Milburn Civil Engineering, LLC

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AND PRELIMINARY PLAT	INDIANA AVENUE AND BARRY ROAD	KANSAS CITY MO
1	INDIAN	

INDIANA COMMONS REZONING & DEVELOPMENT PLANS AND PRELIMINARY PLAT

DATE DESIGNED BY CHECKED BY 09/25/2024 LHP

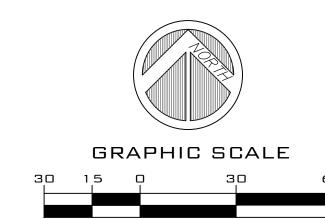
REVISIONS REVISIONS 1-2024.10.31 KCMO COMMENTS



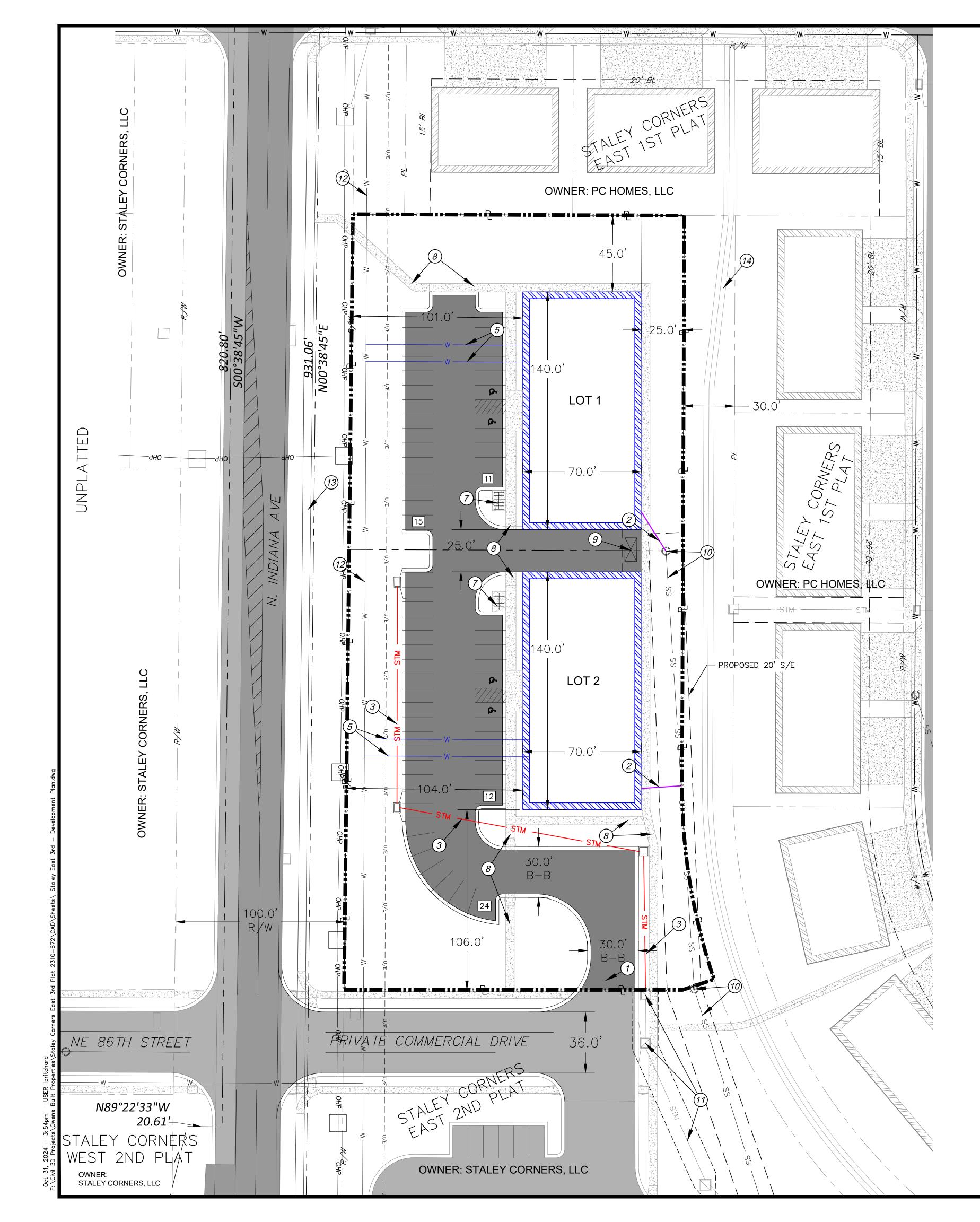
GRADING PLAN

C-2

			Deviation	
	Required	Proposed	Requested?	Approved
	Abutting Residential: 25% of lot depth, Max = 30'			
	Abutting Other: None	25'		
	Abutting Residential: Match Residential setback			
	Abutting Other: None	101'		
	Abutting Residential: 10% of lot width, Max = 8'			
	Abutting Other: None	23'		
	Abutting Residential: 15'			
(street)	Abutting Other: None	106'		
	50' (Max.)	21'		
	25,000 (Max.)	9,800		
	N/A	1		



(SCALE IN FEET) PRELIMINARY-NOT FOR CONSTRUCTION



- (1) PROPOSED PRIVATE ENTRY DRIVE
- 2 PROPOSED PRIVATE SANITARY SEWER
- (3) PROPOSED PRIVATE STORM SEWER
- (5) PROPOSED PRIVATE WATER SERVICE LINE
- (7) PROPOSED BICYCLE PARKING
- 8 PROPOSED SIDEWALK
- (9) PROPOSED TRASH ENCLOSURE
- (10) EXISTING SANITARY SEWER
- (11) EXISTING STORM SEWER
- (12) EXISTING WATER MAIN LINE
- (13) EXISTING SIDEWALK
- (14) STALEY CORNERS EAST 1ST PLAT TRAIL





 STM
 PROPOSED STORM SEWER

 -----R/W
 EXISTING R/W





Milburn Civil Engineering, LLC

MILBURN CIVIL ENGINEERING, LLC 33135 W 83RD ST DE SOTO, KS 66018 913-583-0367



ROAD BARRY , MO AND CITY INDIANA AVENUE / KANSAS (

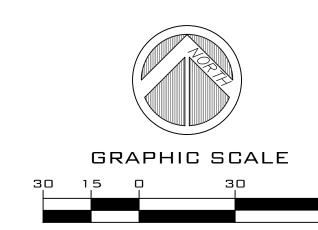
INDIANA COMMONS REZONING & DEVELOPMENT PLANS AND PRELIMINARY PLAT

DATE DESIGNED BY CHECKED BY 09/25/2024 LHP

REVISIONS REVISIONS 1-2024.10.31 KCMO COMMENTS

City Plan Commission Recommends Approval with Conditions f Case No. <u>CD-CPC-2024-00142</u> ON <u>11-20-2024</u> <u>CD-CPC-2024-00143</u> ON <u>11-20-2024</u>

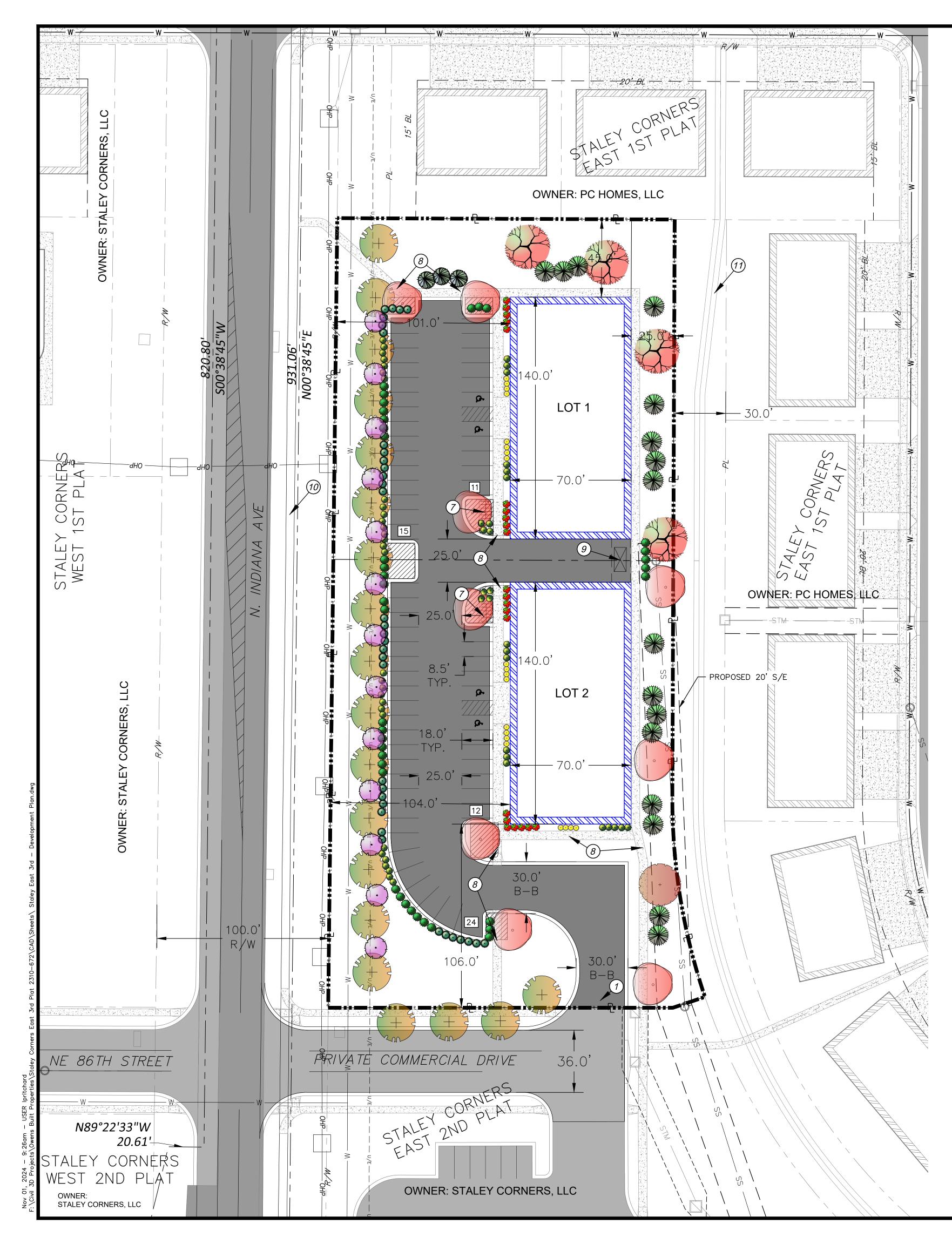
non Secretary of the City Plan Commission



UTILITY PLAN

C-3

(SCALE IN FEET) PRELIMINARY-NOT FOR CONSTRUCTION



- (1) PROPOSED PRIVATE ENTRY DRIVE
- (7) PROPOSED BICYCLE PARKING
- (8) PROPOSED SIDEWALK
- (9) PROPOSED TRASH ENCLOSURE
- (10) EXISTING SIDEWALK
- (11) STALEY CORNERS EAST 1ST PLAT TRAIL

NOTE:

NO MITIGATION SHALL BE REQUIRED IF CONTIGUOUS TREE CANOPY COVER IS LESS THAN ONE ACRE.

EXISTING TREE MITIGATION REQUIREMENTS:

TOTAL ACREAGE OF CONTIGUOUS CANOPY COVER TO BE REMOVED ON THE ENTIRE DEVELOPMENT SITE. SUBTRACT TOTAL ACREAGE OF ALL AREAS OF CONTIGUOUS TREE CANOPY COVER OF ONE ACRE OR MORE PRESERVED OUTSIDE OF ANY STREAM BUFFERS. 0 ACRES OF TREE COVER TO BE REMOVED. SUBTRACT STREAM BUFFER AREAS MULTIPLY ACREAGE CALCULATED BY .35: MULTIPLY THE ACREAGE CALCULATED BY 150 CALIPER INCHES: 0 SUBTRACT TOTAL CALIPER INCHES OF TREES PROVIDED: 0 0 TOTAL CALIPER INCHES REQUIRED FOR MITIGATION 0 TOTAL CALIPER INCHES PROVIDED FOR MITIGATION NO MITIGATION REQUIRED.



Landscape Schedule

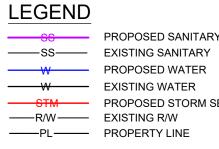
Symbol Qty.

Botanical Name

=)	<u> </u>			
OVERSTO	RY TREES	S		
· .	1	Nyssa sylvatica	Black Tupelo	
TRA	4	Quercus rubra	Northern Red Oak	
A A A A A A A A A A A A A A A A A A A	0	Platanus x acerifolia	London Plane Tree	
	20	Gleditsia triacanthas 'Shademaster'	Shademaster Honeylocust	
·	11	Acer x truncatum 'Warrenred'	Pacific Sunset Maple	
EVERGRE	EN TREES	S		
	3	Juniperus chinensis 'Keteleeri'	Keteleeri Juniper	
	16	Juniper chinensis	Eastern Red Cedar	
	0	Picea abies	Norway Spruce	
ORNAMEN	TAL TREES	5		
\bigcirc	13	Cercis canadensis	Eastern Redbud	
	0	Cornus florida 'Cloud Nine'	Cloud 9 Dogwood	
DECIDUO	US SHRU	IBS/GRASSES		
0	0	Liriope muscari 'Varigated'	Varigated Liriope	1 gal.
$\overline{\mathbf{\cdot}}$	20	Spiraea x bumalda "Goldflame"	Goldflame spirea	3 gal.
*	22	Hydrangea paniculata 'Quick Fire'	Little Quick Fire Hydrangea	3 gal.
\bigcirc	0	Syringa X 'Penda'	Bloomerang Purple Lilac	5 gal.
EVERGRE	EN SHRU	IBS		
	38	llex glabra	Inkberry Holly	3 gal.
	55	Juniperus chinensis 'Gold Coast'	Gold Coast Juniper	3 gal.
- Marke	0	Juniperus chinensis 'Spartan'	Spartan Juniper	
	35	Taxus x media 'Densiformis'	Dense Spreading Yew	3 gal.
EXISTING	TREES 1	TO BE REMOVED	EXISTING TREES/SHRUBS TO	BE PRESER

Landscape Requirements/Calculations

88-425-LANDSCAPE SCHEDULE		Required	Proposed	Alt. Requested	Approved
88-425-03 Street Trees	30' o.c.	20	20		
88-425-04 General (15,000 sf bldg)		1 Tree/ 5000sf	4 Trees Provided		
88-425-05 Perimeter Vehicular Use Area					
Adjacent to streets					
	Buffer Width	10' min.	Provided		
	Trees	30' o.c.	Provided		
Shru	b/Wall/Berm	Cont. Evergreen	Provided		
Adjacent to Residential Zones					
	Buffer Width	10' min.	Provided		
Shru	b/Wall/Berm	Shrubs	Provided		
88-425-06 Interior Vehicular Use Area (64 TOTAL PARKING STALLS)	35sf per Pkg Stall	2,240+ Provided		
	Buffer Width	n/a			
	Trees	1 Per 5 Stalls	13 Provided		
	Shrubs	1 Per Stall	62 Provided		
88-425-07 Parking Garage Screening		n/a		1	
88-425-08 Mech./Utility Equip. Screening	5	Provided			
88-425-09 Outdoor Use Screening		n/a			







Milburn Civil Engineering, LLC

MILBURN CIVIL ENGINEERING, LLC 33135 W 83RD ST DE SOTO, KS 66018 913-583-0367



OMMONS LOPMENT PLANS

INDIANA COM Rezoning & Developm AND PRELIMINARY

4

ROAD

3ARRY MO

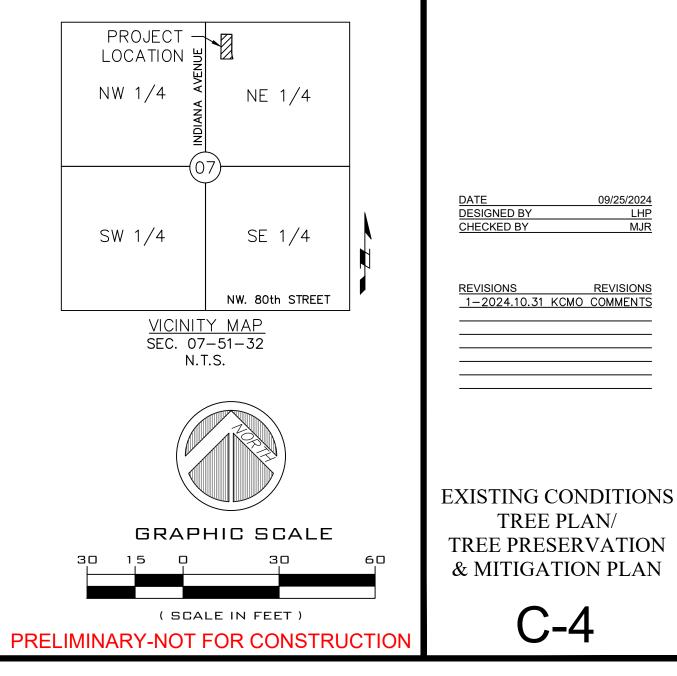
AND CITY

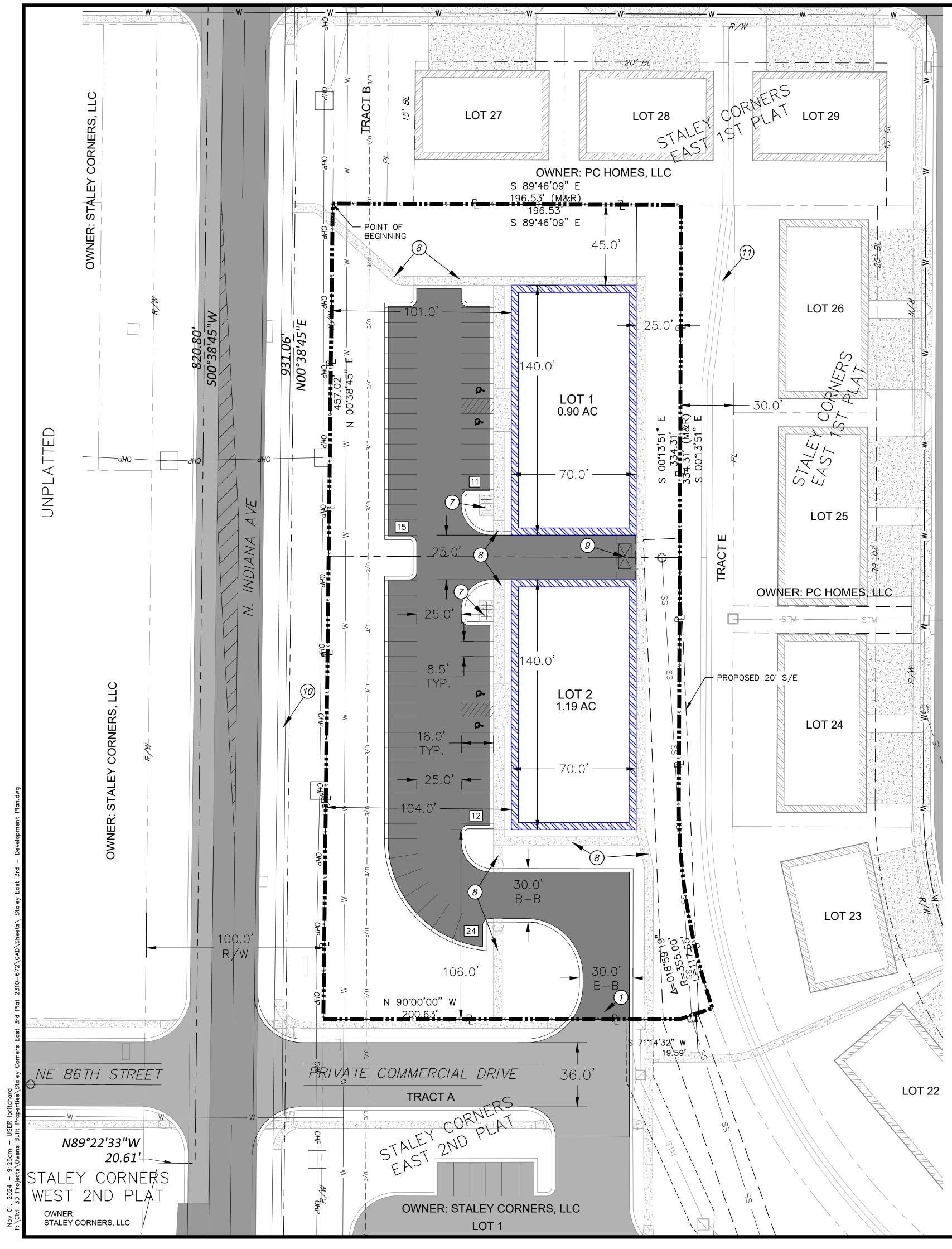
'ENUE NNSAS

INDIANA AVE KAN

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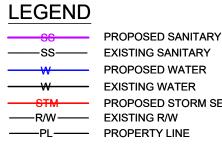
Common Name Min.Root Min.Size Caliper Remarks 2" 6' min. clear., ground to canopy 5'ht. symmetrical pyramidal form 5'ht. symmetrical pyramidal form symmetrical pyramidal form 5' ht. 1.5" Plant @ 18" 0.C. Plant @ 3' 0.C. Plant @ 4' 0.C. Plant @ 5' 0.C. Plant @ 4' 0.C. Plant @ 4' 0.C. Symmetrical pyramidal form Plant @ 4' 0.C.





- (1) PROPOSED PRIVATE ENTRY DRIVE
- (7) PROPOSED BICYCLE PARKING
- (8) PROPOSED SIDEWALK
- (9) PROPOSED TRASH ENCLOSURE
- (10) EXISTING SIDEWALK
- (11) STALEY CORNERS EAST 1ST PLAT TRAIL

NOTE: ALL B2-2 USES ARE PERMITTED



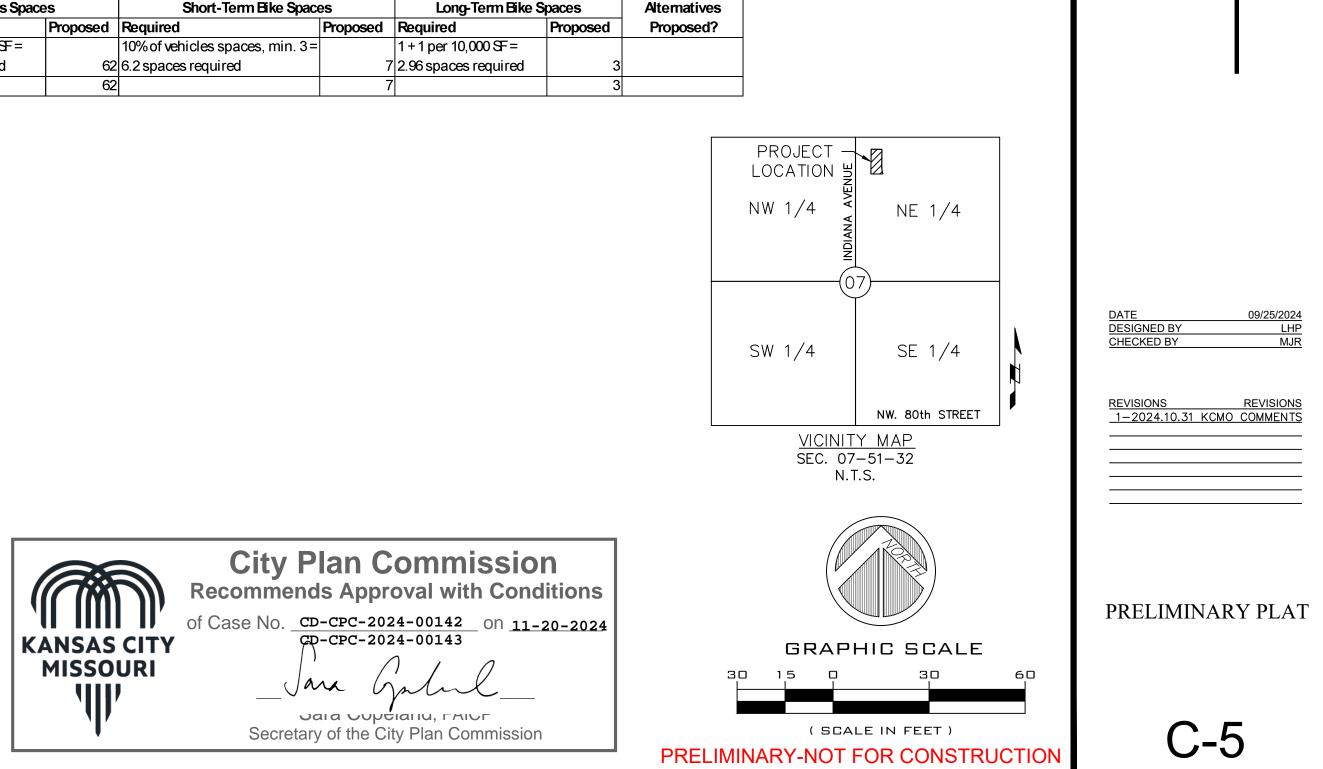
LEGAL DESCRIPTIONS

particularly described as follows: of 117.65 feet; Thence South 71°14'32" West, 19.59 feet;

			Deviation	
Site Data	Existing	Proposed	Requested?	Approved
Zoning	R-1.5	B2-2		
Gross Land Area				
In square feet	91,292	91,292		
In acres	2.09	2.09		
Right-of-way Dedication				
In square feet	-	-		
In acres	-	-		
Net Land Area				
In square feet	-	-		
In acres	-	-		
Building Area (sq. ft.)	-	19,600		
Floor Area Ratio	-	0.22		
Residential Use Info				
Total Dwelling Units	-	-		
Detached House	-	-		
Zero lot line House	-	-		
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Townhouse	-	-		
Two-Unit House	-	-		
Multi-Unit House	-	-		
Colonnade	-	-		
Multiplex	-	-		
Multi-unit Building	-	-		
Total Lots	-	2		
Residential	-	-		
Public/Qvic	-	-		
Commercial	-	2		
Industrial	-	-		
Other	-	-		

			Deviation	
Building Data	Required	Proposed	Requested?	Approved
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	Abutting Residential: 15'			
Sde Setback (abutting street)	Abutting Other: None	106'		
Height	50' (Max.)	21'		
Square Feet per floor	25,000 (Max.)	9,800		
#of Floors	N/A	1		

	Vehicles Space	es	Short-Term Bike Spac	es
88-420 Parking	Required	Proposed	Required	Pr
	2.5 spaces / 1000 SF =		10% of vehicles spaces, min. 3=	
Retail (19,600 SF)	49 spaces required	62	6.2 spaces required	
Total		62		



STM PROPOSED STORM SEWER

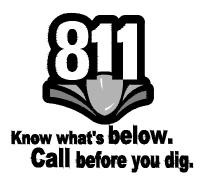
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Beginning at the Southwest Corner of Tract B, STALEY CORNERS EAST FIRST PLAT, a subdivision in Kansas City, Clay County Missouri, thence South 89°46'09" East along the South line of said Tract B and Lots 27 and 28, said STALEY CORNERS EAST FIRST PLAT, 196.53 feet to the Northwest Corner of Tract E, said STALEY CORNERS EAST FIRST PLAT;

Thence South 00°13'51" West along the West line of said Tract E, 334.31 feet; Thence on a curve to the left, continuing along said West line, tangent to the last described course, having a radius of 355.00 feet and an arc length

Thence North 90°00'00" West, 200.63 feet to the East Right-of-Way line of N Indiana Avenue, as now established; Thence North 00°38'45" East along said East Right-of-Way line, 457.02 feet to the Point of Beginning.

Contains 91,292 square feet or 2.09 acres more or less.



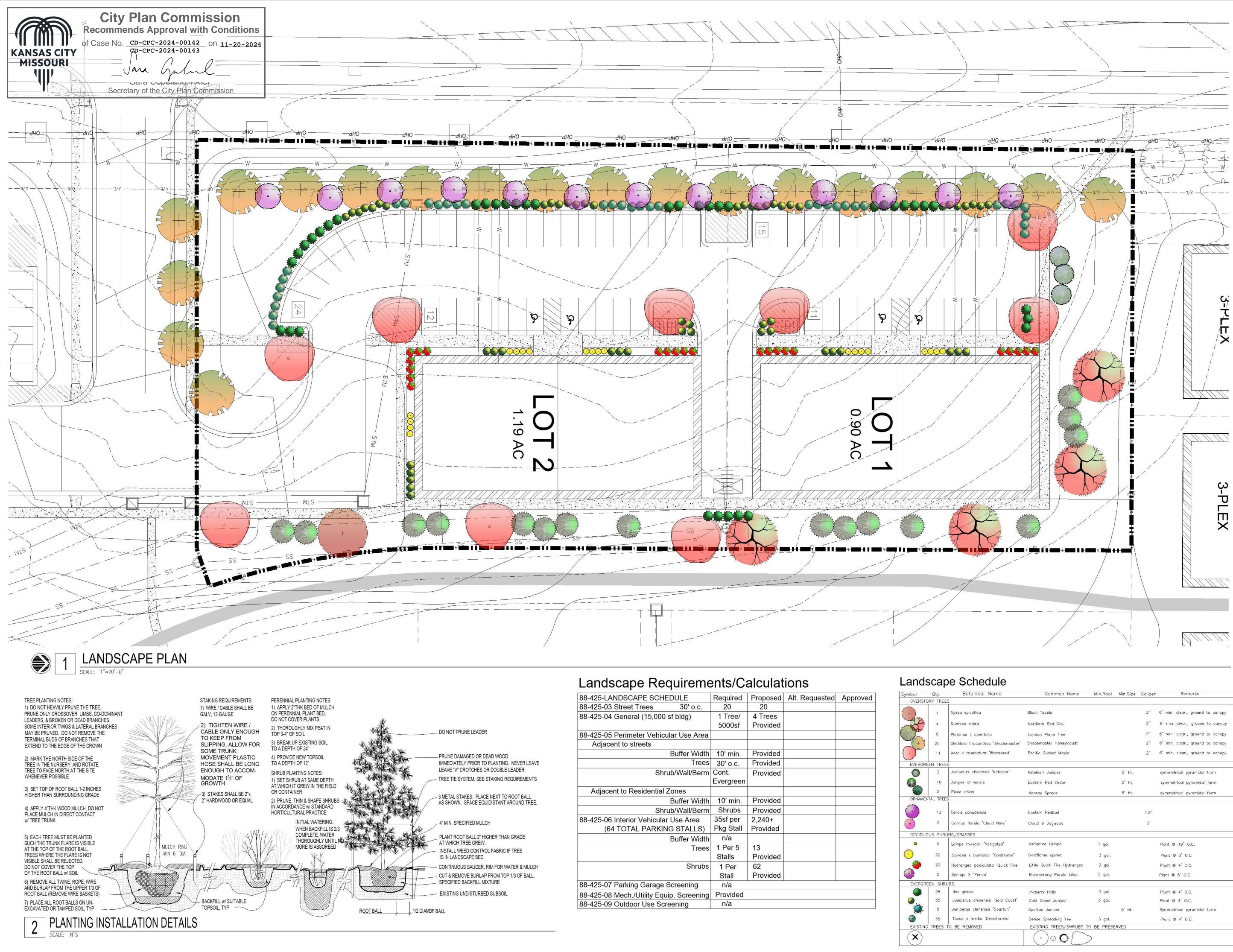


Milburn Civil Engineering, LLC

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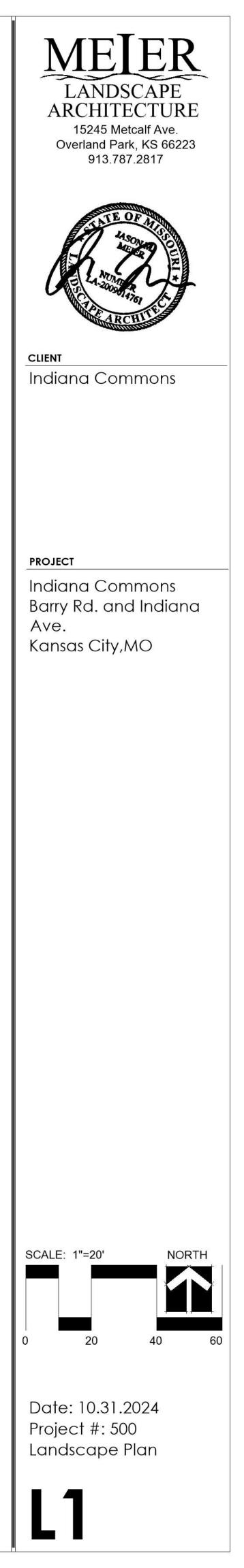


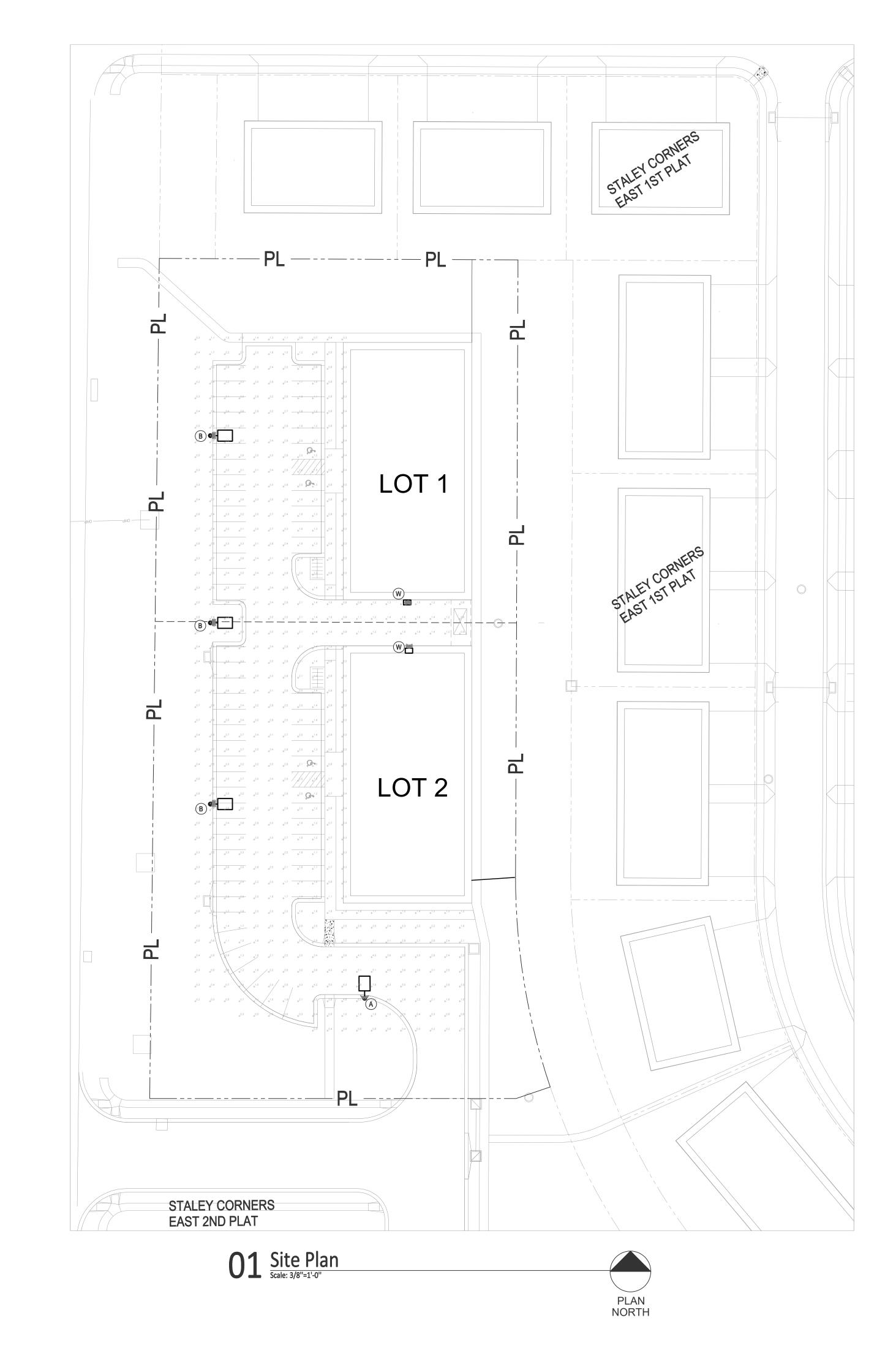
INDIANA COMMONS REZONING & DEVELOPMENT PLANS AND PRELIMINARY PLAT ROAD 3ARRY MO Щ AND CITY 'ENUE NNSAS AVI KA INDIANA

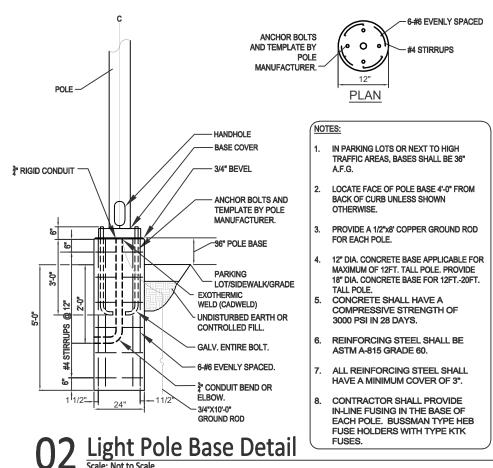


88-425-LANDSCAPE SCHEDULE	Required	Proposed	Alt. Requested	Approve
88-425-03 Street Trees 30' o.c.	20	20		
88-425-04 General (15,000 sf bldg)	1 Tree/	4 Trees	2	
	5000sf	Provided		
88-425-05 Perimeter Vehicular Use Area				
Adjacent to streets				
Buffer Width	10' min.	Provided		
Trees	30' o.c.	Provided		
Shrub/Wall/Berm	Cont.	Provided	3	
	Evergreen			
Adjacent to Residential Zones			2	
Buffer Width	10' min.	Provided		
Shrub/Wall/Berm	Shrubs	Provided		
88-425-06 Interior Vehicular Use Area	35sf per	2,240+		
(64 TOTAL PARKING STALLS)	Pkg Stall	Provided		
Buffer Width	n/a		9	
Trees	1 Per 5	13		
	Stalls	Provided	2	
Shrubs	1 Per	62		
	Stall	Provided		
88-425-07 Parking Garage Screening	n/a			
88-425-08 Mech./Utility Equip. Screening	Provided			
88-425-09 Outdoor Use Screening	n/a			

Symbol	Qty.	Botanic
OVERST	IORY TREE	ş
\bigcirc	ч <u></u>	Nyssa sylvatica
Col the		
	4	Quercus rubra
() Jak	0	Platanus x ace
1 + 5 + 6	20	Gleditsia triaca
·	11	Acer x truncat
EVERGE	I REEN TREE	s
	3	Juniperus chine
	16	Juniper chinens
	0	Picea abies
ORNAME	ENTAL TREE	s
	22	120 V V
1	13	Cercis canaden
•	0	Cornus florida
DECIDU	JOUS SHRU	JBS/GRASSES
۲	0	Liriope muscari
\odot	20	Spiraea x burr
	22	Hydrangea pan
	0	Syringa X 'Pen
EVERG	REEN SHRU	JBS
	38	llex glabra
e	55	Juniperus chin
- The F	0	Juniperus chin
	35	Taxus x media
EXISTIN	IG TREES	I TO BE REMOVED







LIG	HT FIXTURE	SCHEDULE							S	ite Lighting
MARK	MANUFACTURER	MODEL	QUAN.	HEADS TYPE	VOLTS	MOUNTING	TOTAL WATTS	DESCRIPTION	NOTES	MARK
А	COOPER	GALN-SA6-735-120-SL3-BPC	1	MA1038	120	25' POLE	321	SINGLE HEAD POLE MOUNTED FIXTURE	2,3,4,5	А
В	COPPER	GALN-SA6-735-120-TW4-HSS-BPC	1	MA1039	120	25' POLE	321	SINGLE HEAD POLE MOUNTED FIXTURE	1,2,3,4,5	В
W	COOPER	ISC-SA1-730-U-SL4-TR-HSS-BPC	1	52W LED	120	WALL	45.2	WALL MOUNTED EXTERIOR LED FIXTURE - FULL CUTOFF	1,2,3	W
NOTES	:									

1. PROVIDE WITH HOUSESIDE SHIELD 2. PROVIDE WITH FIXTURE MOUNTED PHOTOCELL FOR DUST TO DAWN CONTROL

3. COLOR AS SELECTED BY ARCHITECT

4. CONTRACTOR TO VERIFY TENON SIZE

5. PROVIDE WITH 25' POLES STRUCTURALLY DESIGNED FOR HEAD QUANTITY. GENERAL NOTES:

A. PROVIDE ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION.

VISUAL PHOTOMETRIC STATISTICS

CALC ZONE		DISCRIPTION	AVERAGE	MAX	MIN	MAX/MIN	A۱	
1	PARKING AREA	25' POLE WITH 3' CONCRETE BASE	2	8.1	0.1	8:0.1		
-								

IES RECOMMENDED	Enhanced Security	Basic min
Min Horizontal Illuminance	0.5 fc	.2 fc
Max to Min	15:1	20:1
Min Vertical	0.25 fc	0.1 fc
Avg Horizontal	2.5 fc	1

POWER MATERIAL NOTES:

- A. CONDUIT (exterior above grade) shall be galvanized rigid with threaded fittings. Final connection to Mechanical Equipment shall be made with minimum 12" length of Liquid-Tite conduit.
- B. CONDUIT (interior above grade) circuits shall be routed in EMT conduit with set-screw or compression fittings. C. CONDUIT (below slab) - shall be Schedule 40 PVC with solvent weld fittings.
- Change to metal conduit at floor penetration (elbow in slab shall be metal rigid conduit). D. CONDUCTORS (#10 awg & smaller) - shall be annealed soft copper, solid or
- stranded construction, and Code Type THWN or THHN with #12awg minimum size.
- E. CONDUCTORS (#8 awg & larger) shall be annealed soft copper, compressed strand construction, and Code Type THWN-2 or THHN.
- F. GROUNDING (equipment) All circuits shall be provided with Code sized equipment grounding conductor.
- G. SAFETY SWITCHES shall be Square D, or approved equal, heavy duty grade safety switch in configuration noted.
- H. FIRE STOPPING provide fire stopping, as manufactured by 3M or Hilti, at fire-rated construction to maintain an effective barrier against the spread of flame, smoke, and hot gases. Components shall be compatible with each other, the substrates forming openings, and the items, if any, penetrating the fire stopping under conditions of service and application, as demonstrated by the fire stopping manufacturer based on testing and field experience.

20A WIRE SIZING SCHEDULE (VOLTAGE DROP)

ALL WIRE SIZES SHOWN ON BELOW SCHEDULE ARE INTENDED TO BE MINIMUM ACCEPTABLE WIRE SIZE

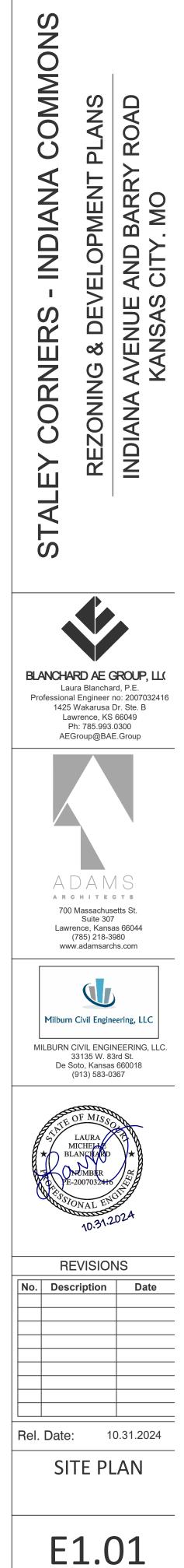
THE FOLLOWING SCHEDULE IS TO BE USED TO SIZE WIRE FOR 20 AMP CIRCUITS (120 AND 277 VOLT).

LENGTHS (ONE WAY) ARE INTENDED TO BE MAXIMUM.

120 VOLT CIRCUIT MAX LENGTH (FT)							
MAX	MAX	WIRE SIZE					
AMPS	WATTS	#12	#10	#8	#6		
5	600	200	325	490	770		
10	1200	100	160	245	385		
15	1800	70	110	165	255		
277 VC	L DLT CIR	L CUIT M	AX LEN	GTH (F1	Г)		
277 VC MAX	DLT CIR	CUIT M		GTH (F1	Г)		
				GTH (F1 #8	Г) #6		
MAX	MAX	WIRE SIZ	Έ	\	,		
MAX AMPS	MAX WATTS	WIRE SIZ #12	Έ #10	#8	, #6		
MAX AMPS 5	MAX WATTS 1385	WIRE SIZ #12 480	Έ #10 760	#8 1170	#6 1865		

	Notes
AVE/MIN	NOTES
2:0.1	
2.0.1	





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