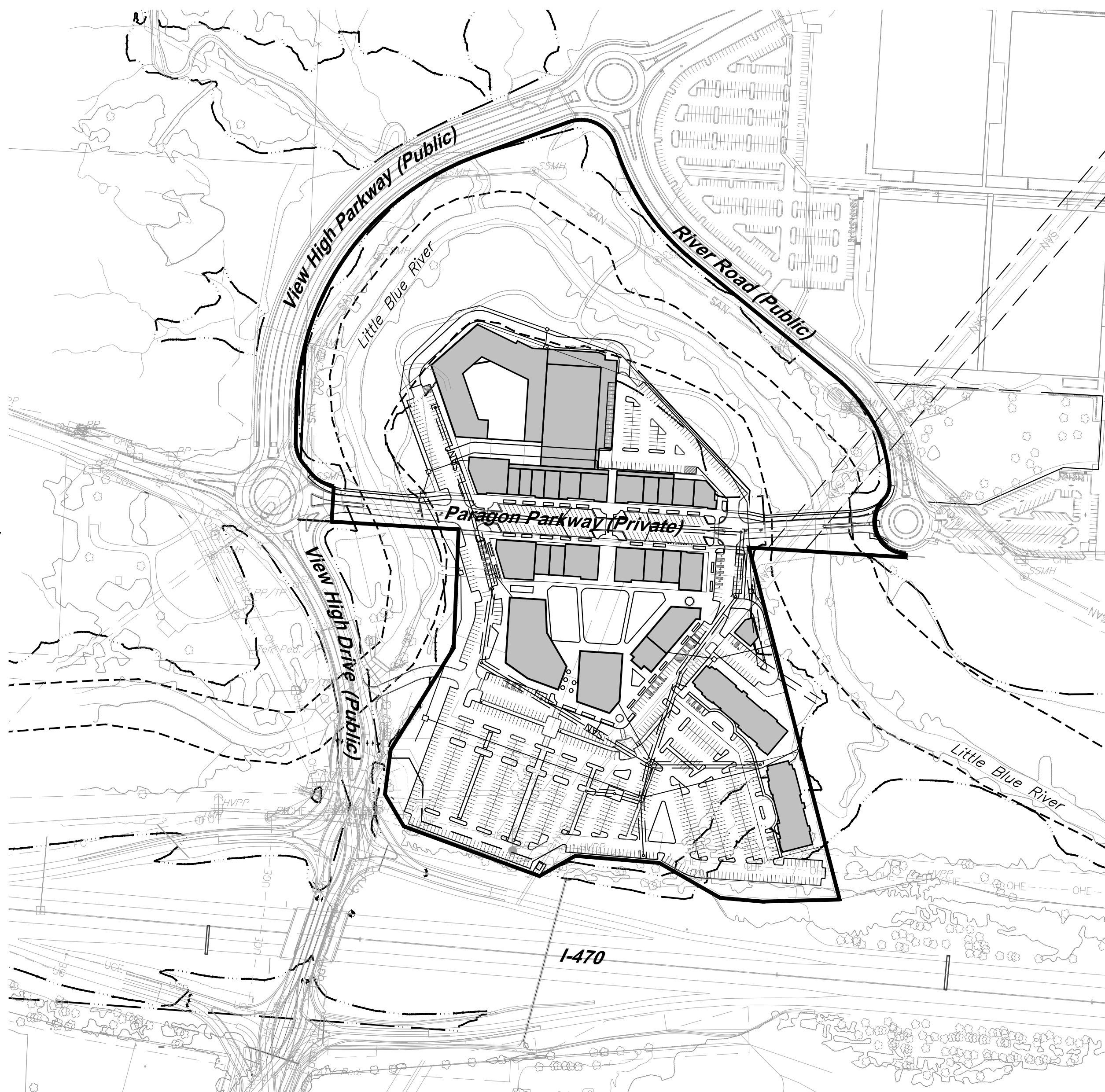
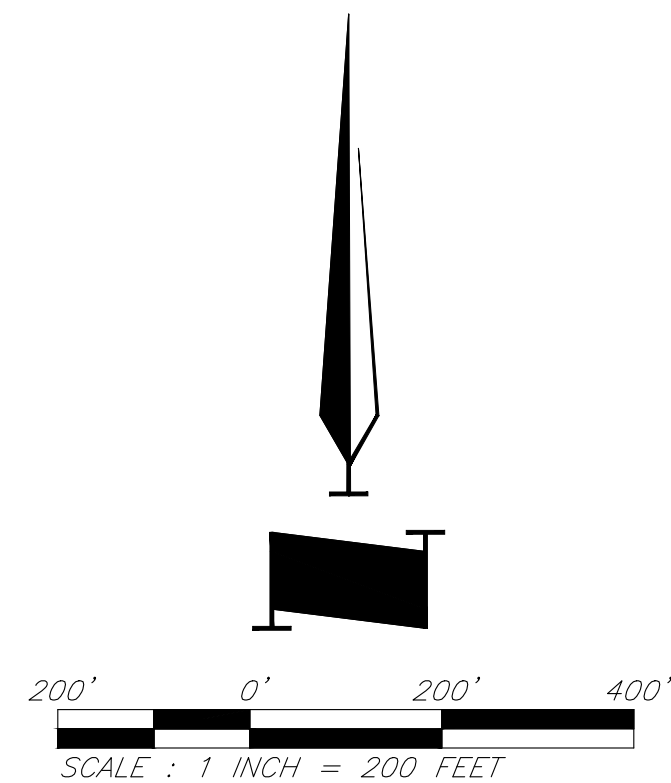
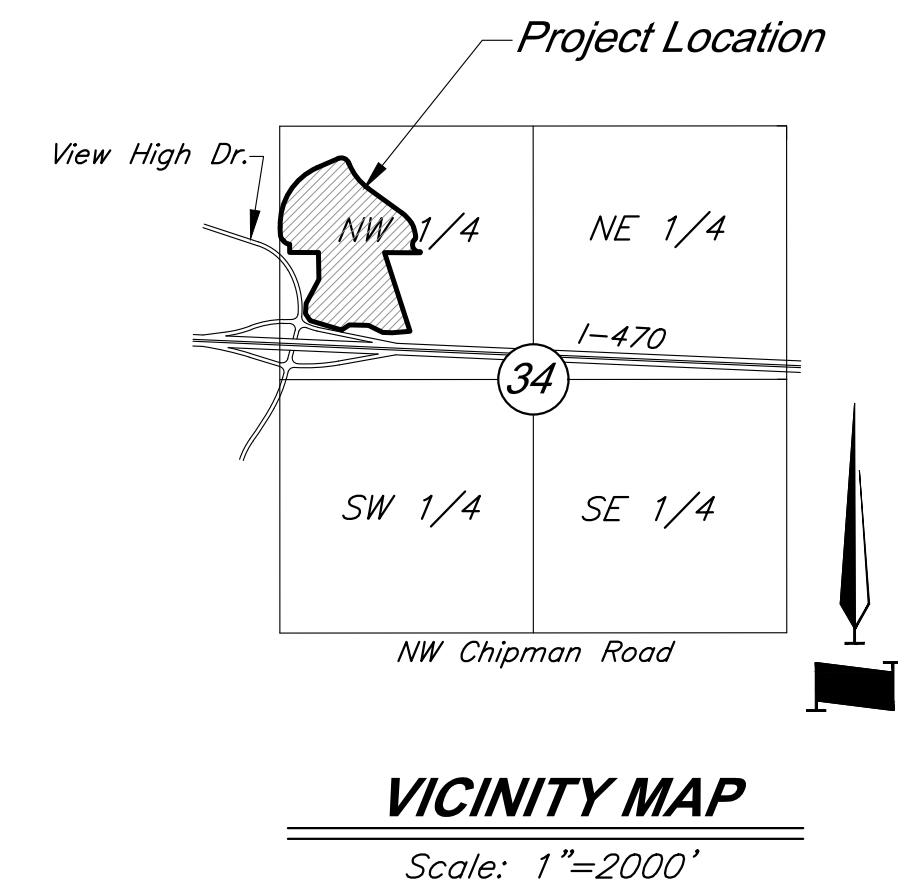


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*PRELIMINARY DEVELOPMENT PLAN
FOR
PARAGON STAR VILLAGE
Section 34–Township 48N–Range 32W
City of Lee’s Summit
Jackson County, Missouri*



INDEX OF SHEETS	
Sht. No.	Description
000	Title Sheet
C001	General Layout
C002	Preliminary Plat
C003	Existing Conditions
C004	Grading Plan
C005	Utility Overview
C006	Utility Plan
C007	Dimension Plan
C008	Typical Sections
L500	Landscape Plan
A1.01	Architectural Site Plan
A2.01	Building Elevations
A2.02	Building Material Palette
E100	Electrical Site Plan
E200	Photometric Plan

DEVELOPED AND OWNED BY:
PARAGON STAR LLC
801 NORTHWEST COMMERCE CENTER
LEE’S SUMMIT, MISSOURI 64086
PHONE: (816) 802-6801
CONTACT: Mr. Flip Short
EMAIL: fshort@legacytouch.com

PREPARED & SUBMITTED BY:
GEORGE BUTLER ASSOCIATES, INC.
9801 RENNER BOULEVARD
LENEXA, KANSAS 66219
PHONE: 913-492-0400
FAX: 913-577-8312
CONTACT: BRAD BURTON P.E.
EMAIL: BBURTON@GBATEAM.COM

PARAGON STAR
VILLAGE

View High Drive & I-470
Lee’s Summit, MO

Project No.: 17042.04
Date: 02.15.2019
Issued For: PRELIM. DEV. PACKAGE

REVISIONS		
No.	Date	Description

REGISTRATION

NOT FOR CONSTRUCTION

PROJECT TEAM	
ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	HOERR SCHAUDT / LAND 3

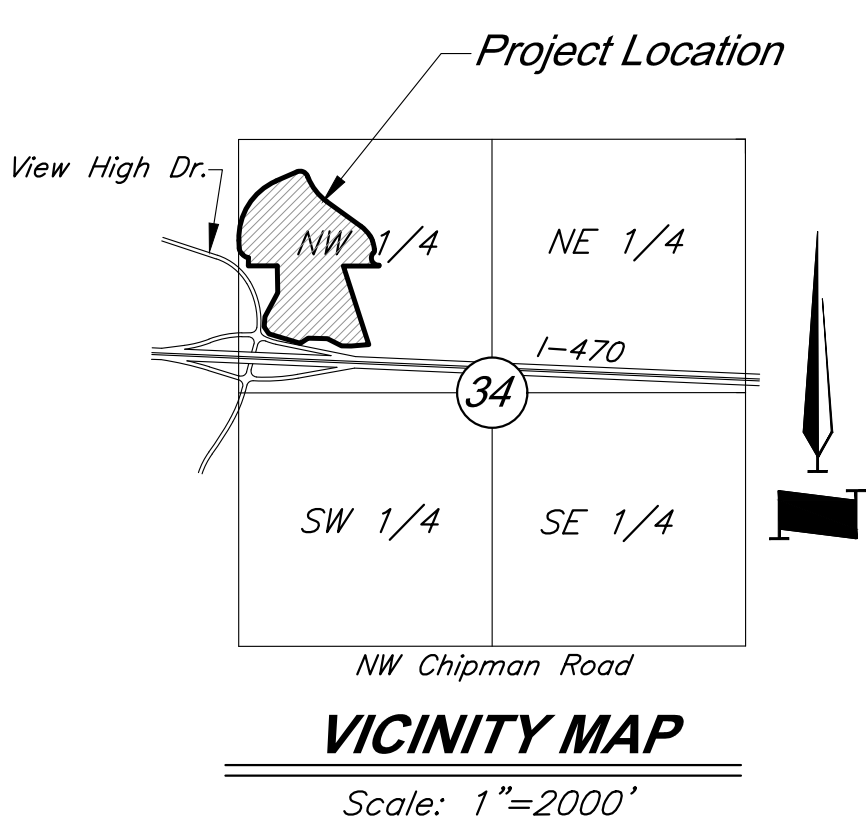
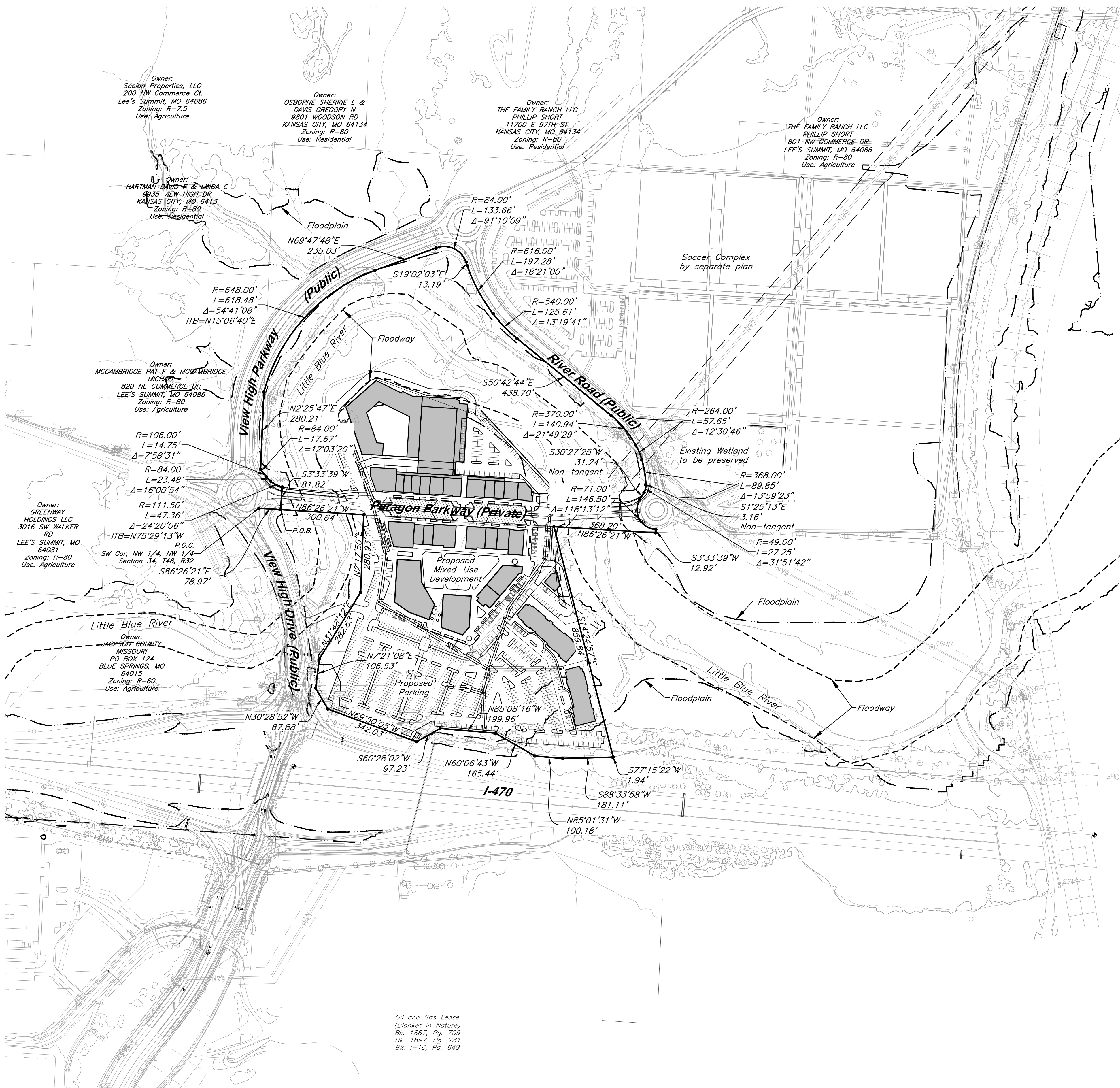
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GBA
9801 Renner Boulevard
Lenexa, Kansas 66219
913.492.0400
www.gbateam.com

SHEET TITLE

Title Sheet

SHEET NUMBER

000



Preliminary Development Plan Boundary Description:

A Tract of land in the Northwest Quarter of Section 34, Township 48 South, Range 32 West, of the 5th P.M., in the City of Lee's Summit, Jackson County, Missouri, being more particularly described as follows:

COMMENCING at the Southwest corner of the Northwest Quarter of said Northwest Quarter; thence South 86°26'21" East, along the South line of said Quarter-Quarter, a distance of 78.97 feet, to the POINT OF BEGINNING; thence North 03°33'19" East, departing said South line, a distance of 81.83 feet, to a point on a non-tangent curve; thence Northwest, along a curve to the right, whose initial tangent bearing is North 75°29'13" West, having a radius of 111.50 feet, and a central angle of 24°20'06", a distance of 47.36 feet; to a point of compound curvature; thence Northwesterly, along a curve to the right, having a radius of 84.00 feet, and a central angle of 16°00'54", a distance of 23.48 feet, to a point of reverse curvature; thence Northwesterly, along a curve to the left, having a radius of 106.00 feet, and a central angle of 07°58'31", a distance of 14.75 feet, to a point of reverse curvature; thence Northwesterly, along a curve to the right, having a radius of 84.00 feet, and a central angle of 12°03'20", a distance of 17.67 feet, to a point on a non-tangent line, said point also being a point on the West line of said Northwest Quarter; thence North 02°25'47" East, along said West line, a distance of 280.21 feet, to a point on a non-tangent curve; thence Northeasterly, departing said West line and along a curve to the right, whose initial tangent bearing is North 15°06'40" East, having a radius of 648.00 feet, and a central angle of 54°41'08" East, a distance of 618.48 feet, to a point of tangency; thence North 69°47'48" East, a distance of 235.03 feet, to a point of curvature; thence Northeasterly and Southeasterly, along a curve to the right, having a radius of 84.00 feet, and a central angle of 91°10'09", a distance of 133.66 feet, to a point of tangency; thence South 19°02'03" East, a distance of 13.19 feet, to a point of curvature; thence Southeasterly, along a curve to the left, having a radius of 616.00 feet, and a central angle of 18°21'00", a distance of 197.28 feet, to a point of compound curvature; thence Southeasterly, along a curve to the left, having a radius of 540.00 feet, and a central angle of 13°19'41", a distance of 125.61 feet, to a point of tangency; thence South 50°42'44" East, a distance of 438.70 feet, to a point of curvature; thence Southeasterly, along a curve to the right, having a radius of 370.00 feet, and a central angle of 21°49'29", a distance of 140.94 feet, to a point of compound curvature; thence Southeasterly, along a curve to the right, having a radius of 264.00 feet, and a central angle of 12°30'46", a distance of 57.67 feet, to a point compound curvature; thence Southeasterly and Southerly, along a curve to the right, having a radius of 368.00 feet, and a central angle of 13°59'23", a distance of 89.85 feet, to a point on a non-tangent line; thence South 01°25'13" East, a distance of 3.16 feet, to a point of curvature; thence Southerly and Southwesterly, along a curve to the right, having a radius of 49.00 feet, and a central angle of 31°51'42", a distance of 27.25 feet, to a point on a non-tangent line; thence South 30°27'25" West, a distance of 31.24 feet, to a point of curvature; thence Southwesterly and Southeasterly, along a curve to the left, having a radius of 71.00 feet, and a central angle of 118°13'12", a distance of 146.50 feet, to a point on a non-tangent line; thence South 03°33'39" West, a distance of 12.92 feet, to a point on said South line; thence North 86°26'21" West, along said South line, a distance of 1,357.83 feet, to the POINT OF BEGINNING, containing 967,175.04 square feet, or 22.20 acres, more or less.

And also:

TRACT 2

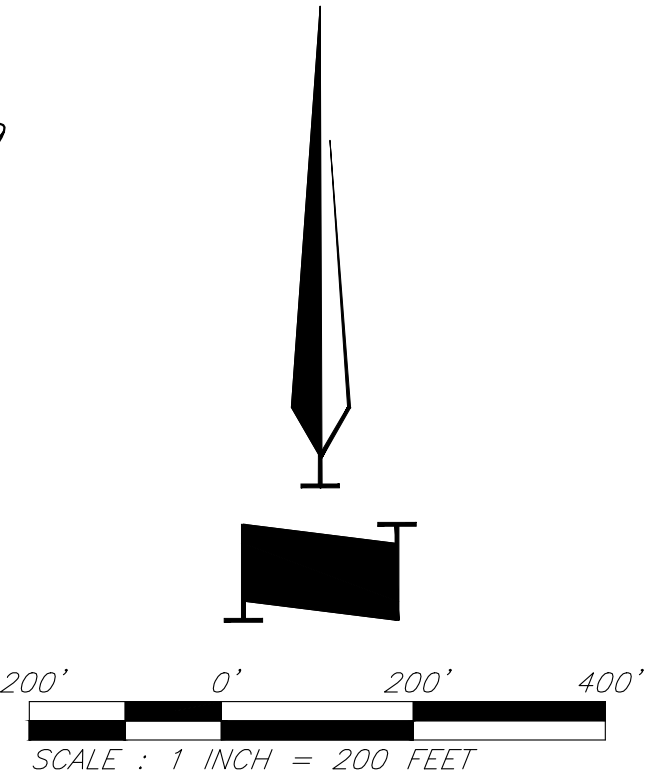
All of Lots 1, 2, 3 and 4, GRAHAM COMMERCIAL CENTER, a subdivision of land in the Southwest ¼ of the Northwest ¼ of Section 34, Township 48, Range 32, in Lee's Summit, Jackson County, Missouri.

Prepared and Submitted By:

George Butler Associates, Inc.
9801 Renner Boulevard Lenexa, Kansas 66219
Phone: 913-492-0400 Fax: 913-577-8312
Contact: Brad Burton P.E.
Email: bburton@gbateam.com

Legend

- Proposed Building
- Proposed Floodway
- Proposed Floodplain
- Stream Corridor



PARAGON STAR VILLAGE

View High Drive & I-470
Lee's Summit, MO

Project No.: 17042.04
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REGISTRATION

PROJECT TEAM

ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	HOERR SCHAUDT / LAND 3

CIVIL ENGINEERING BY:

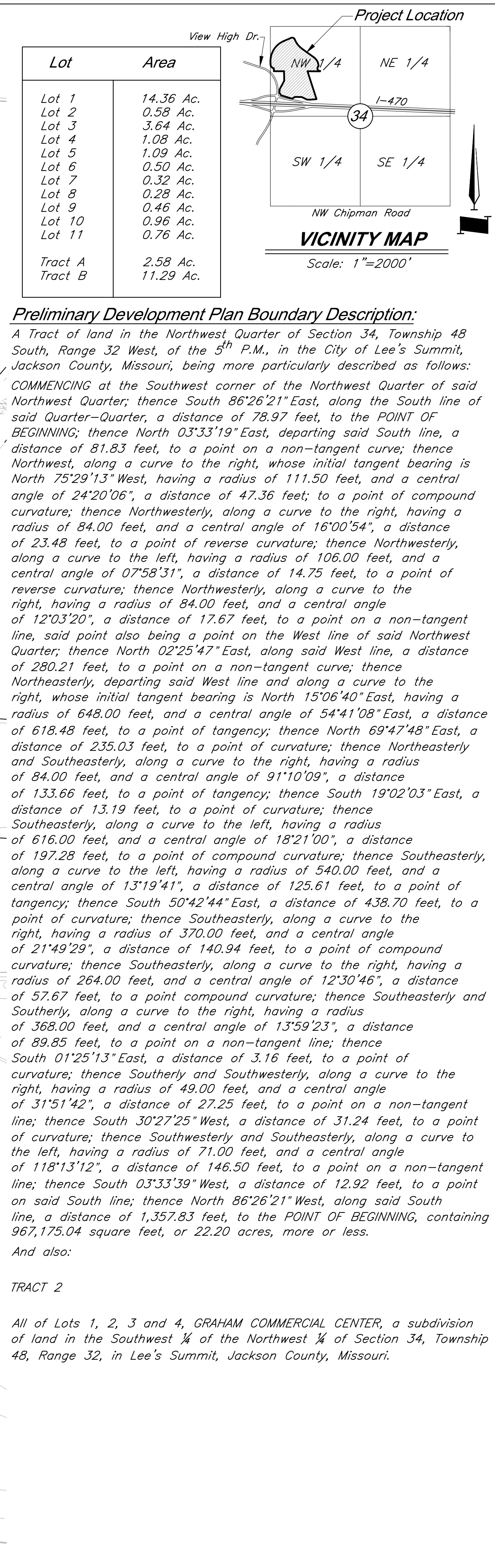
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Lenexa, Kansas 66219
913.492.0400
www.gbateam.com

SHEET TITLE

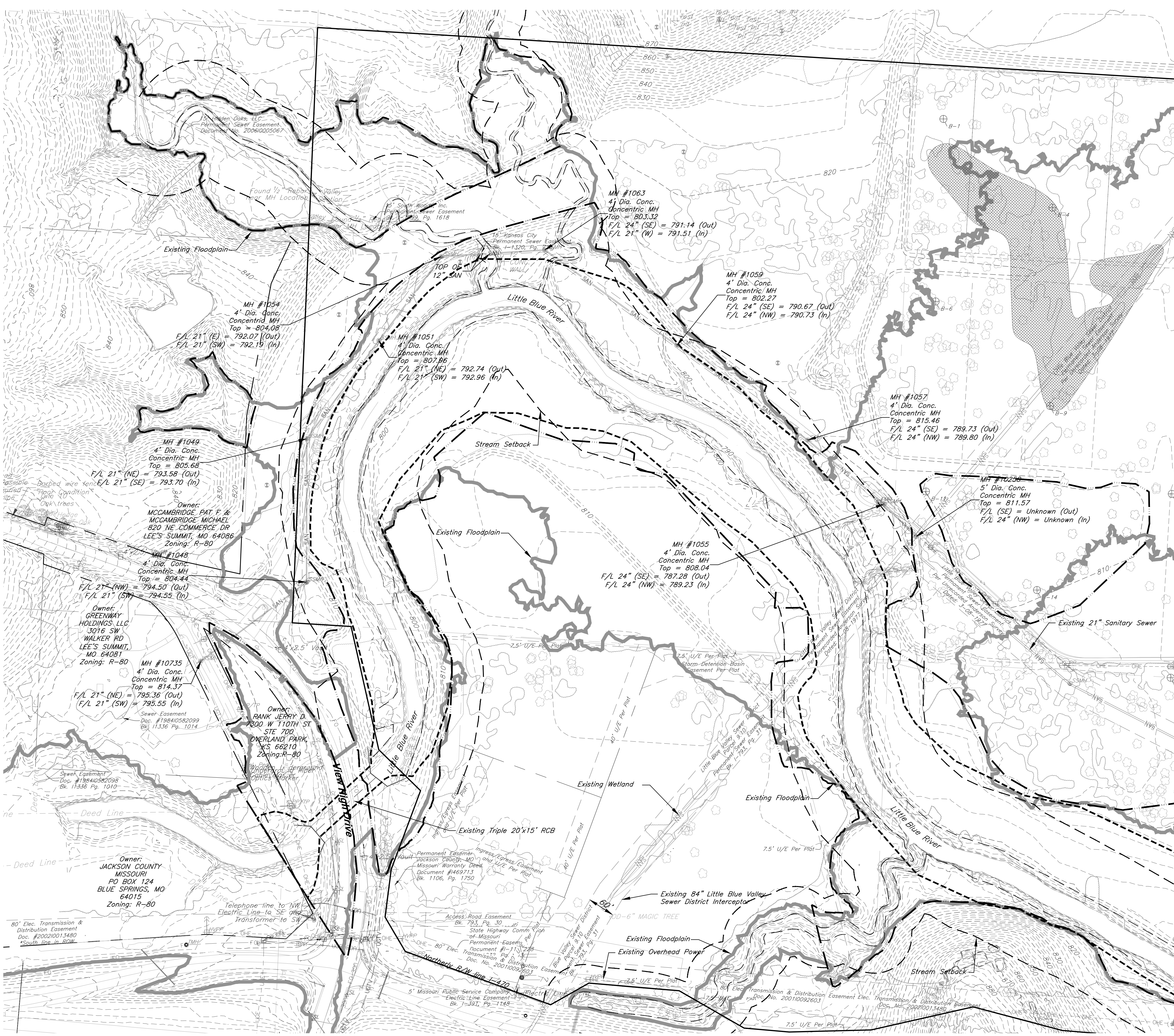
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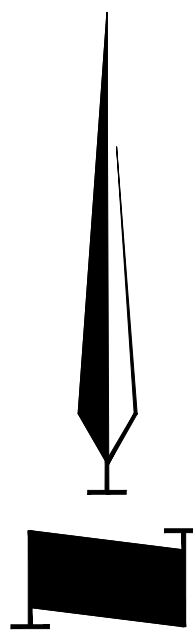


C002



Legend

- Existing Floodplain
Map: 29095C0404G
- Proposed Floodway
- Proposed Floodplain



100' 0' 100' 200'
SCALE : 1 INCH = 100 FEET

PARAGON STAR VILLAGE

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ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	HOERR SCHAUDT / LAND 3

CIVIL ENGINEERING BY:
GBA
9801 Renner Boulevard
Lenexa, Kansas 66219
913.492.0400
www.gbateam.com

SHEET TITLE

Existing
Conditions

SHEET NUMBER

C003

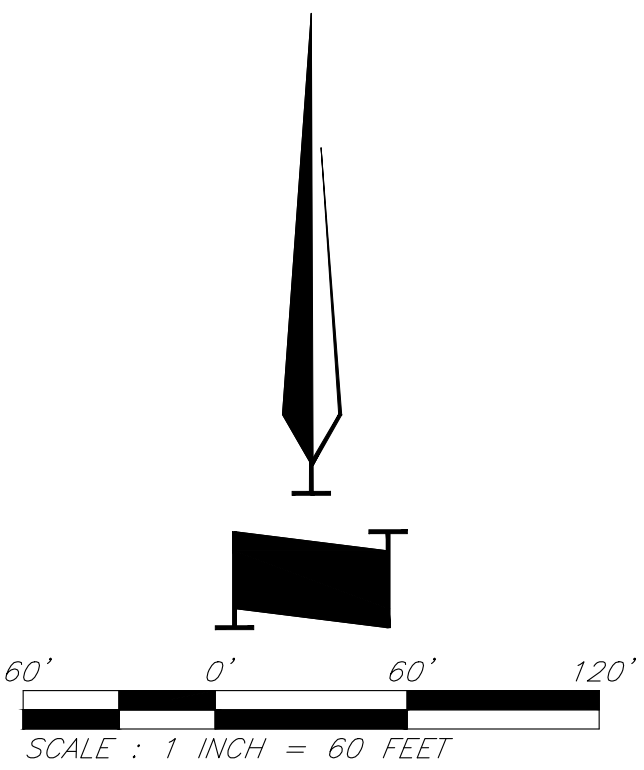
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Note: Minimum finish floor of all buildings on lots within the proposed floodplain is 813.00.

LEGEND

- Existing Contour
- Proposed Contour
- Proposed Floodway
- Proposed Floodplain
- Stream Corridor
- Drainage Flow Arrow



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PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS
ARCHITECTURE
CIVIL GBA
LANDSCAPE HOERR SCHAUDT /
LAND 3

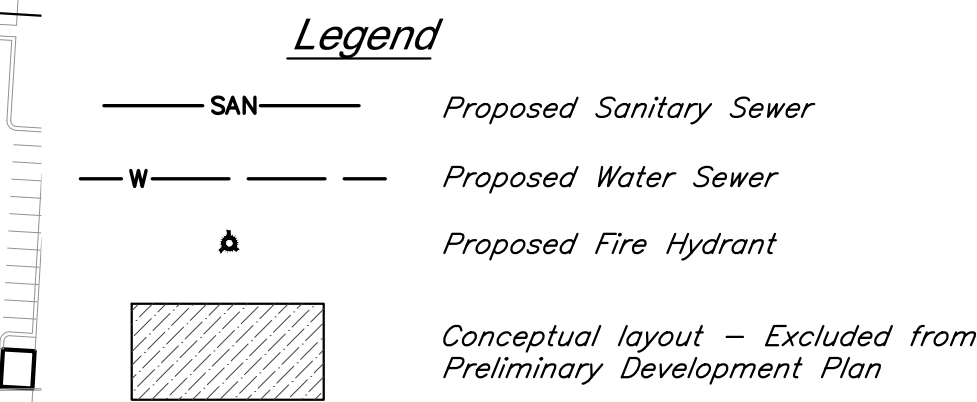
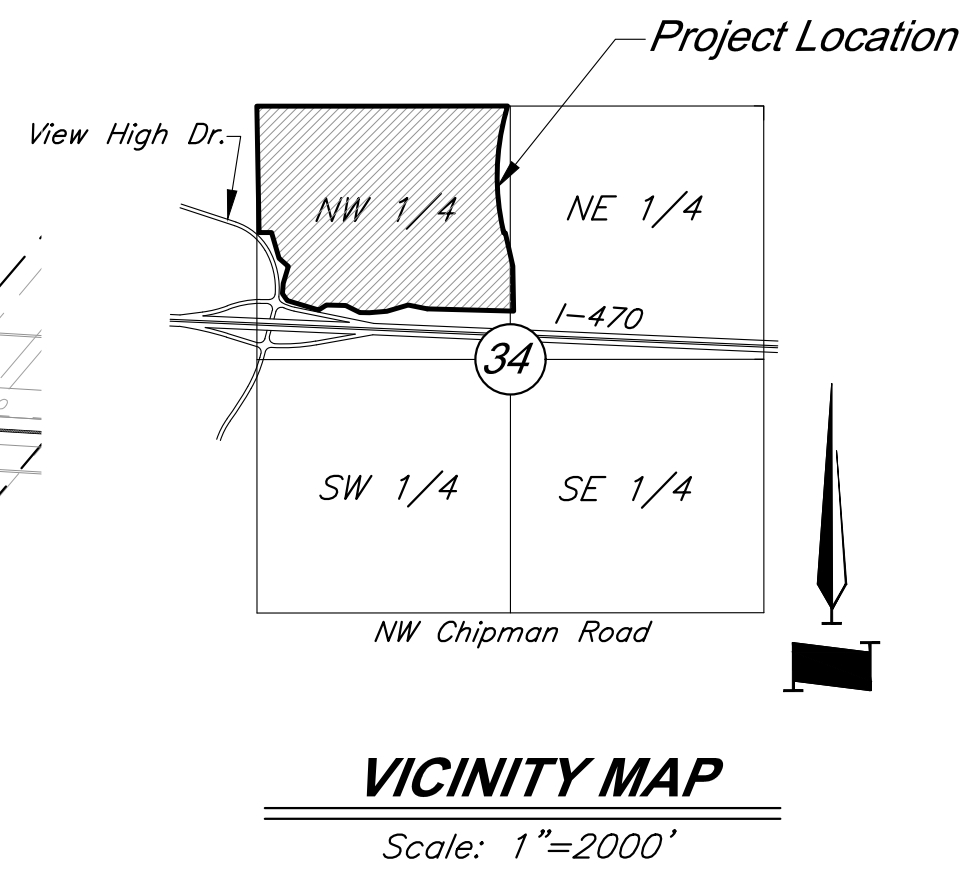
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SHEET TITLE

Grading Plan

SHEET NUMBER

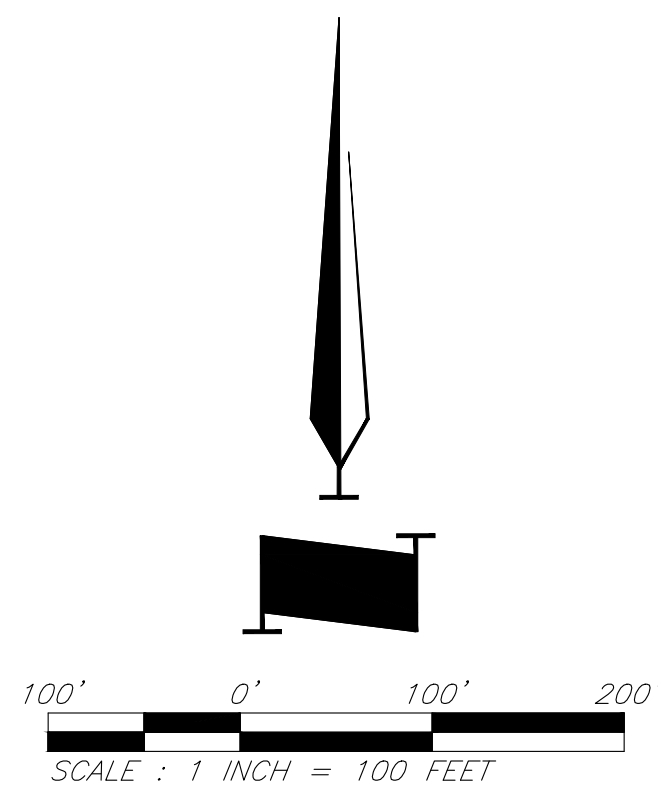
C004



Note: All utilities shown are to be constructed as part of Phase 1.

Prepared and Submitted By:

George Butler Associates, Inc.
9801 Renner Boulevard Lenexa, Kansas 66219
Phone: 913-492-0400 Fax: 913-577-8312
Contact: Brad Burton P.E.
Email: bburton@gbateam.com



PARAGON STAR VILLAGE

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PROJECT TEAM

ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	HOERR SCHAUDT / LAND 3

CIVIL ENGINEERING BY:

GBA

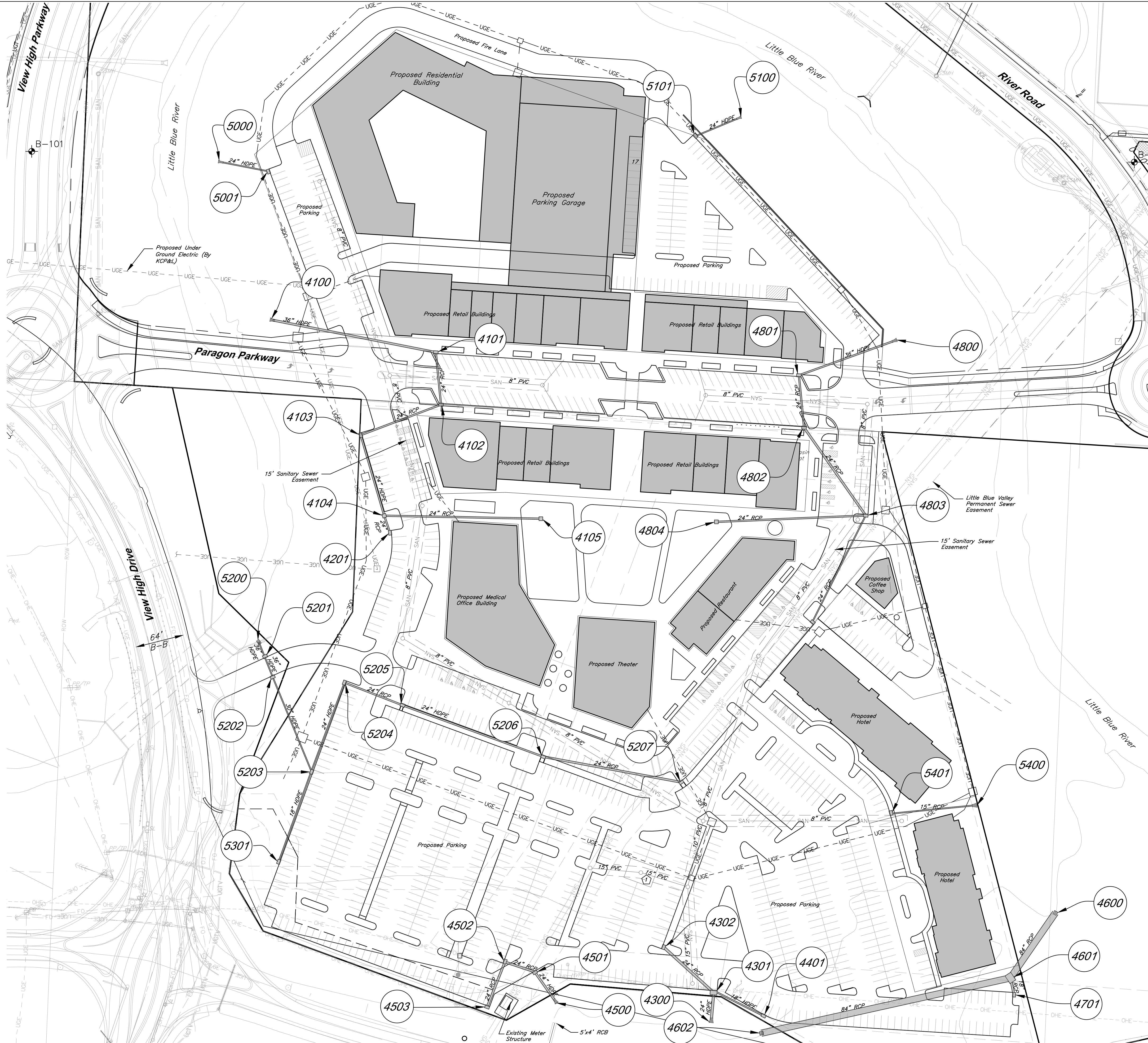
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Lenexa, Kansas 66219
913.492.0400
www.gbateam.com

SHEET TITLE

Utility Overview

SHEET NUMBER

C005



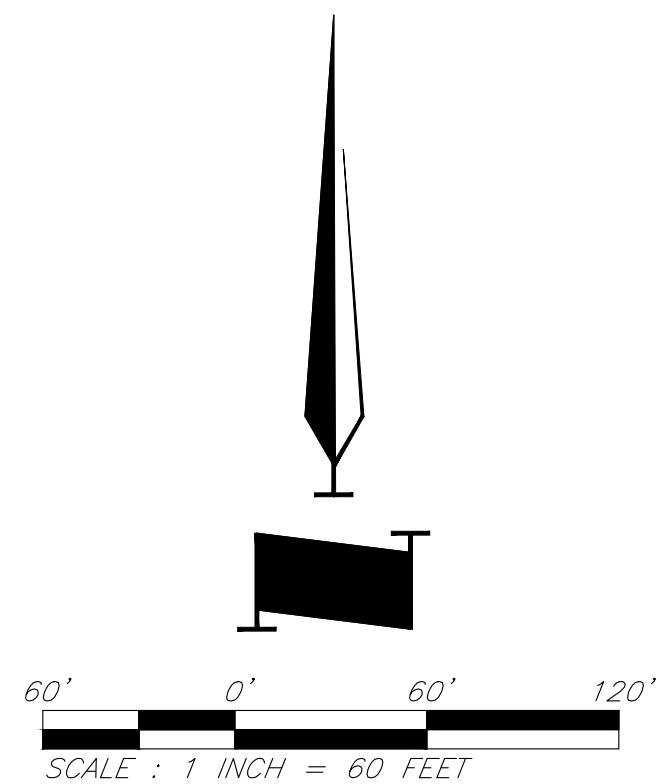
Utility Legend

- Cable TV Pedestal
- Power Pole
- Guy Anchor
- Electrical Manhole
- Electrical Transformer
- Gas Meter
- Curb Inlet
- Sanitary Sewer Manhole
- Sanitary Cleanout
- Light Pole
- Boring Hole
- Sign
- Telephone Pedestal
- Traffic Signal Post
- Traffic Manhole
- Fire Hydrant
- Water Meter

- Fiber Optic Line
- Fire Protection Line
- Gas Line
- Over Head Electric
- Over Head Telephone
- Over Head Cable TV
- Property Line
- Right-of-Way Line
- Existing Sanitary Sewer Line
- Underground Electric
- Underground Telephone
- Underground Cable TV
- Water Line
- Proposed Storm Sewer
- Future Storm Sewer
- Proposed Sanitary Sewer Line

Notes

- Proposed Meter Structure



PARAGON STAR VILLAGE

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PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE
CIVIL GBA
LANDSCAPE HOERR SCHAUDT / LAND 3

CIVIL ENGINEERING BY:

GBA

9801 Renner Boulevard
Lenexa, Kansas 66219
913.492.0400
www.gbateam.com

SHEET TITLE

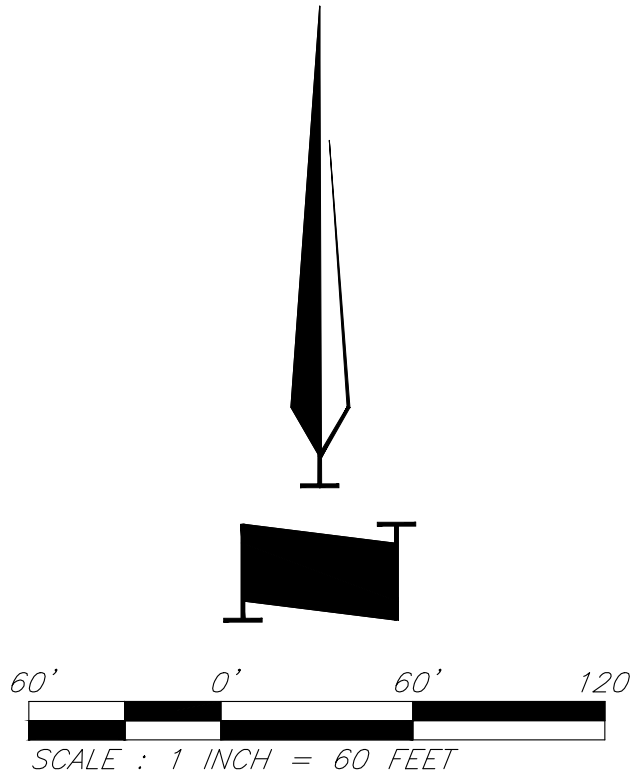
Utility Plan

SHEET NUMBER

C006

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PARAGON STAR VILLAGE

View High Drive & I-470
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Date: 02.15.2019
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No.	Date	Description

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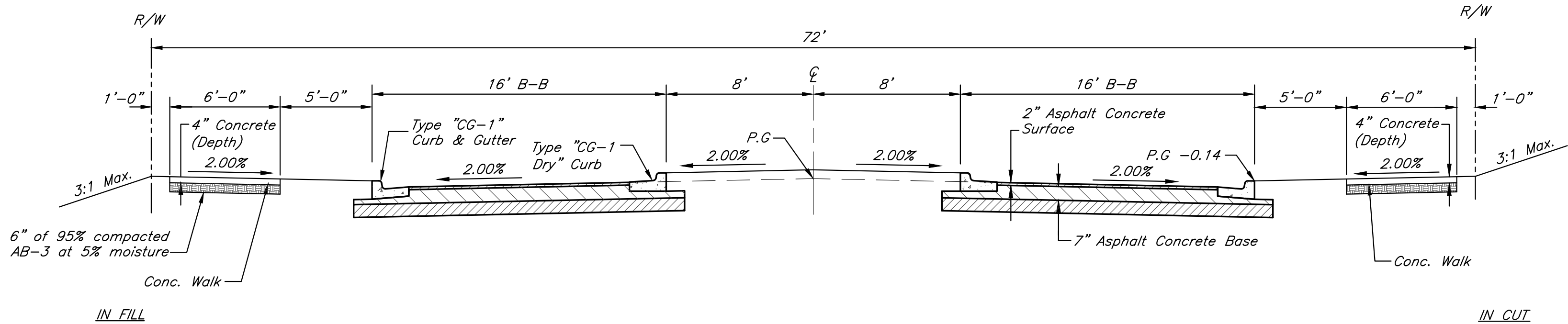
PROJECT TEAM	
ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	HOERR SCHAUDT / LAND 3

CIVIL ENGINEERING BY:
GBA
9801 Renner Boulevard
Lenexa, Kansas 66219
913.492.0400
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SHEET TITLE
Dimension Plan

SHEET NUMBER
C007

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TYPICAL SECTION
PARAGON PARKWAY

Scale: 1" = 5'

NOTE:
Road Sections shall adhere to all City of
Lee's Summit, Missouri Specifications.

**PARAGON STAR
VILLAGE**

View High Drive & I-470
Lee's Summit, MO

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PROJECT TEAM	
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CIVIL	GBA
LANDSCAPE	HOERR SCHAUDT / LAND 3

CIVIL ENGINEERING BY:

GBA

9801 Renner Boulevard
Lenexa, Kansas 66219
913.492.0400
www.gbateam.com

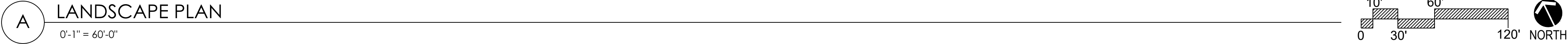
SHEET TITLE

Typical Sections

SHEET NUMBER

C008

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CONCEPT PLANT SCHEDULE

- DECIDUOUS TREE
MIN. "2"-2.5" CALIPER
SPECIES BELOW:
ACER FREEMANII / 'AUTUMN BLAZE' / AUTUMN BLAZE MAPLE
CELTIS OCCIDENTALIS / COMMON HACKBERRY
GLEDITSIA TRIACANTHOS INERMIS / THORNLESS COMMON HONEYLOCUST
QUERCUS BICOLOR / SWAMP WHITE OAK
- ORNAMENTAL TREES
MIN. "1.5" CALIPER
SPECIES BELOW:
AMELANCHIER X GRANDIFLORA / APPLE SERVICEBERRY
CERCIS CANADENSIS / EASTERN REDBUD
MAGNOLIA X 'JANE' / MAGNOLIA
MALUS X 'ROYAL RAINDROPS' / ROYAL RAINDROPS CRABAPPLE
- EVERGREEN TREES
MIN. "2"-2.5" CALIPER
SPECIES BELOW:
JUNIPERUS CONFERTA 'GOLDEN PACIFIC' / GOLDEN PACIFIC JUNIPER
PICEA ABIES / NORWAY SPRUCE
PINUS STROBUS / WHITE PINE
- GROUND COVER MIX
*VARYING CONTAINER SIZE; PLUGS TO 5 GALLONS
MIX OF SHRUBS, GRASSES, & PERENNIALS
SPECIES BELOW:
BOUTELLOUA CURTIPENDULA / SIDE OATS GRAMA
COREOPSIS VERTICILLATA 'MOONBEAM' / THREADLEAF COREOPSIS
ECHINACEA PURPUREA / PURPLE CONEFLOWER
EUPATORIUM DUBIUM 'LITTLE JOE' / JOE-PYE WEED
HYDRANGEA PANICULATA / PANICLED HYDRANGEA
PEROVSKIA ATRIPLICIFOLIA / RUSSIAN SAGE
RHUS AROMATICA 'GRO-LOW' / GRO-LOW FRAGRANT SUMAC
SPOROBOLUS HETEROLEPIS / PRAIRIE DROPSEED
- PARKING ISLAND MIX
*VARYING CONTAINER SIZE; PLUGS TO 5 GALLONS
MIX OF SHRUBS, GRASSES, & PERENNIALS
SPECIES BELOW:
BOUTELLOUA CURTIPENDULA / SIDE OATS GRAMA
PANICUM VIRGATUM 'SHENANDOAH' / SWITCH GRASS
RHUS AROMATICA 'GRO-LOW' / GRO-LOW FRAGRANT SUMAC
SCHIZACHYRIUM SCOPARIUM / LITTLE BLUESTEM GRASS
SOLIDAGO RUGOSA 'FIREWORKS' / WRINKLELEAF GOLDENROD
- TURF
SOD/SEED
- PRAIRIE MIX
SEED MIX
- VEGETATED POROUS PAVEMENT

LANDSCAPE CODE REQUIREMENTS

	Ordinance Requirement	Required for this Site	Proposed
14.090.A.1. Street Frontage Trees	1 tree per 30 feet of street frontage	1,184 ft. of street frontage ÷ 30 = 39 trees required	40 trees
14.090.A.3. Street Frontage Shrubs	1 shrub per 20 feet of street frontage	1,184 ft. of street frontage ÷ 20 = 59 shrubs required	59 shrubs *provided within planting beds
14.090.A.1. Street Frontage Green Strip	20 feet	20 feet	20 feet
14.090.B.1. Open Yard Shrubs	2 shrubs per 5000 sq.ft. of total lot area excluding building footprint	1,024,418 sq.ft. of total lot area minus 218,900 sq.ft. of building footprint = 805,518 ÷ 5000 x 2 = 322 shrubs required	322 shrubs
14.090.B.3. Open Yard Trees	1 tree per 5000 sq.ft. of total lot area excluding building footprint (in addition to street trees)	1,024,418 sq.ft. of total lot area minus 218,900 sq.ft. of building footprint = 805,518 ÷ 5000 = 161 trees required	+161 trees
14.110. Parking Lot Landscape Islands	5% of entire parking area (spaces, aisles & drives); 1 island at end of every parking bay, min. 9' wide	419,766 sq.ft. of parking area x .05 = 20,458 of landscape parking lot islands required	37,500 sq.ft.
14.120 Parking Lot Screening, if required	12 shrubs per 40 linear feet (must be 2.5 feet tall; berms may be combined with shrubs)	203 linear feet ÷ 40 x 12 = 61 shrubs required	61 shrubs
14.200 High Impact Buffer Screen, if required	Fence + Landscaping: Option A = 1 shade tree per 500 sq.ft. of buffer screen area + 1 ornamental tree/750 sq.ft. + 1 evergreen tree/500 sq.ft. + 1 shrub/500 sq.ft. (See UDO for other options)	Minimum 6' high opaque vinyl or masonry fence Buffer area = _____ lineal feet x 20 ft. width = _____ sq.ft. x formula at left = _____ shade trees _____ ornamental trees _____ evergreen trees _____ shrubs	N/A

PARAGON STAR VILLAGE

View High Drive & I-470
Lee's Summit, MO

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NOT FOR CONSTRUCTION

PROJECT TEAM	
ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	HOERR SCHAUDT / LAND 3

HOERR SCHAUDT

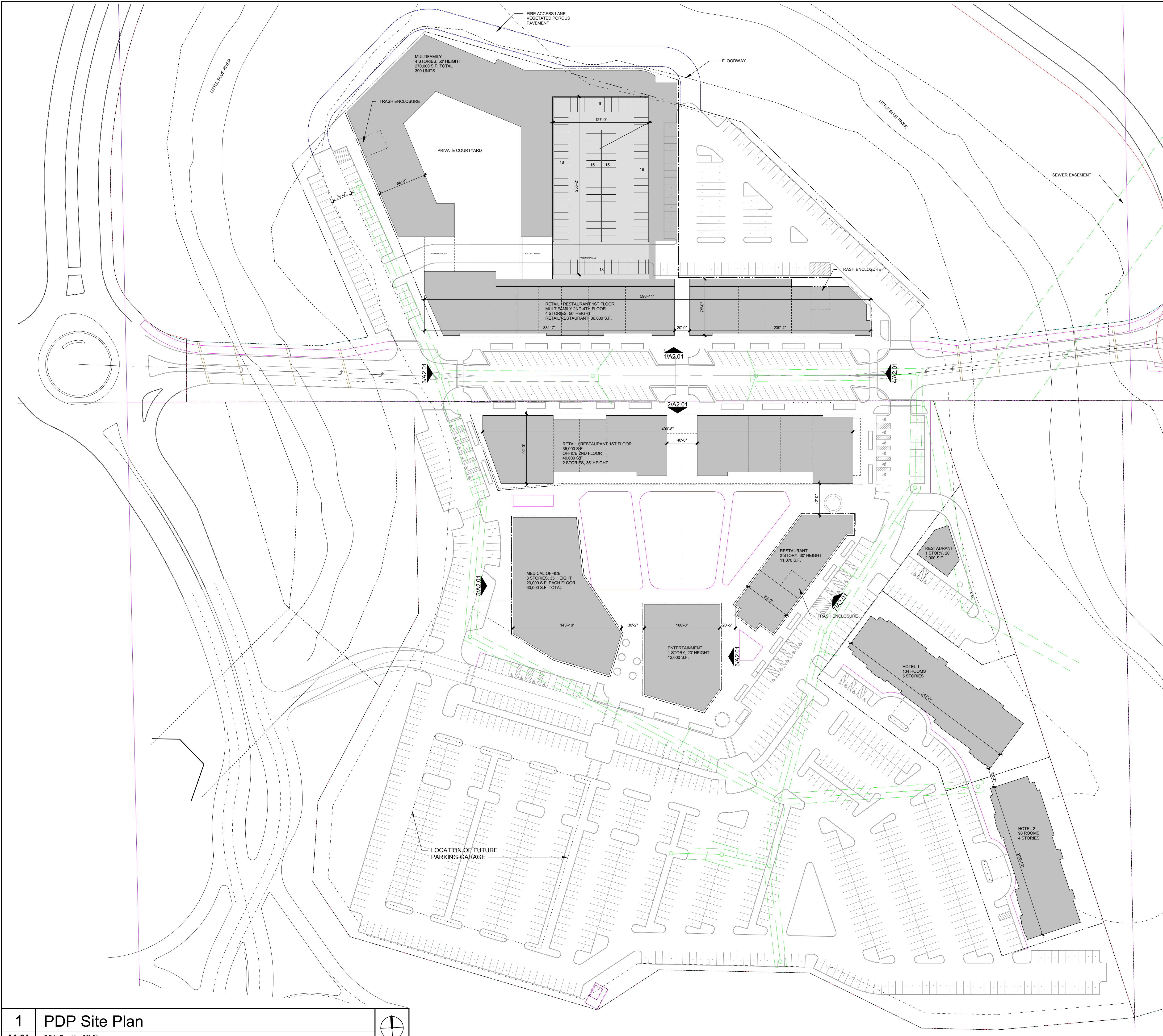
SHEET TITLE

LANDSCAPE
PLAN

SHEET NUMBER

L-500

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PARAGON STAR VILLAGE DEVELOPMENT DETAILS

SITE	
TOTAL SITE LAND AREA	37.93 ACRES (1,652,371.86 S.F.)
TOTAL FLOOR AREA	594,045 S.F.
FLOOR AREA RATIO	35.95%
IMPERVIOUS AREA	18.53 ACRES

BUILDINGS

RETAIL	RESTAURANT	30,000 S.F.
	MERCANTILE	48,000 S.F.
	LIVE ENTERTAINMENT	12,000 S.F.
		90,000 S.F.

OFFICE	GENERAL	35,000 S.F.
	MEDICAL	60,000 S.F.
		95,000 S.F.

HOTEL	HOTEL 1	134 ROOMS
	HOTEL 2	98 ROOMS

MULTIFAMILY	410 APT.
UNITS PER ACRE	10.81

INDIVIDUAL PARKING REQ'D

RETAIL	CODE		MARKET
RESTAURANT:	14 PER 1000	420	420
MERCANTILE:	5 PER 1000	240	240
LIVE ENT:	.33 x 800 SEATS	264	264

OFFICE	GENERAL:	4 PER 1000	140	140
	MEDICAL:	4 PER 1000	300	275

HOTEL	HOTEL 1:	1 PER RM	134	134
	HOTEL 2:	1 PER RM	98	98

MULTIFAMILY	695	533 (1.3/UNIT)
	2,291	2,104

SHARED PARKING DEMANDS DAY EVENING/WEEDEND

RETAIL	RESTAURANT:	294 (70%)	420 (100%)
	MERCANTILE:	240 (100%)	240 (100%)
	LIVE ENT:	27 (10%)	264 (100%)

OFFICE	GENERAL:	140 (100%)	14 (10%)
	MEDICAL:	275 (100%)	55 (20%)

HOTEL	HOTEL 1:	67(50%)	134(100%)
	HOTEL 2:	49(50%)	98(100%)

MULTIFAMILY	533(100%)	533(100%)
-------------	-----------	-----------

TOTAL	1,646	1,848
-------	-------	-------

PARKING PROVIDED

SURFACE	1,205
GARAGE	505
FUTURE GARAGE	140
	1,850

**REQUIRED PARKING FOR EACH BUILDING WILL BE PROVIDED AT OR PRIOR TO THE DATE OF OCCUPANCY

PARAGON STAR VILLAGE

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PROJECT TEAM

ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	HOERR SCHAUDT / LAND 3



SHEET TITLE

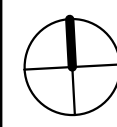
ARCHITECTURAL
SITE PLAN

SHEET NUMBER

A1.01

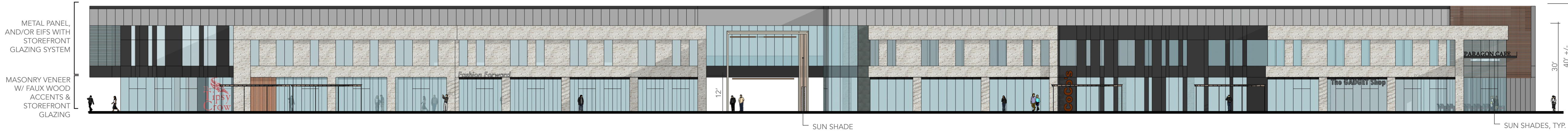
1 PDP Site Plan

A1.01 SCALE : 1" = 60'-0"

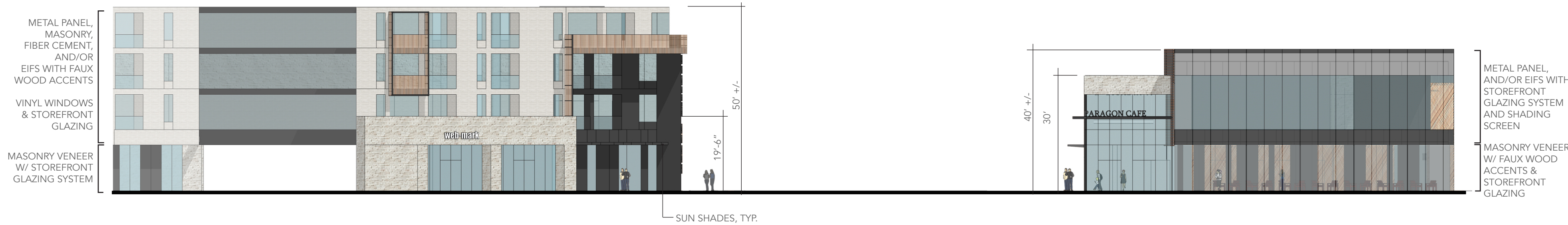




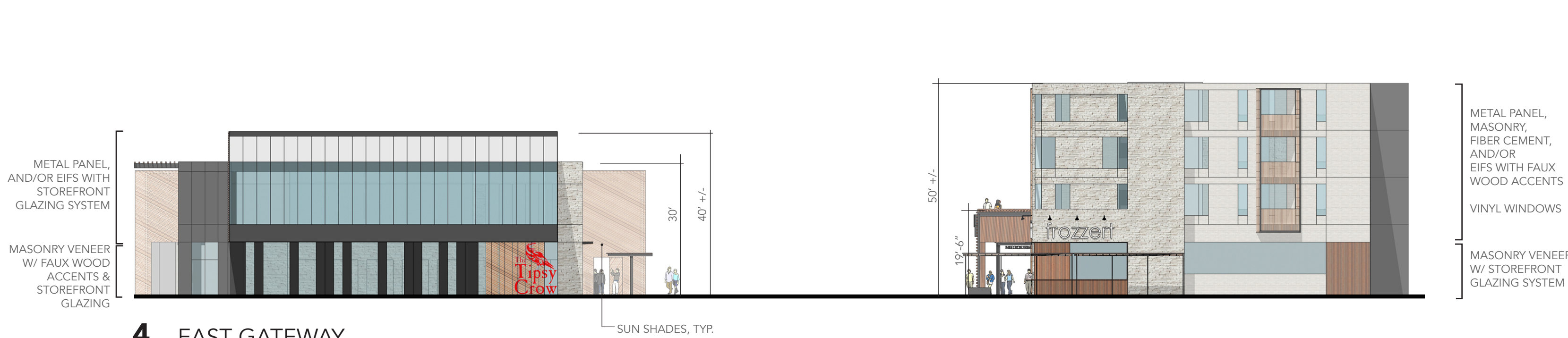
1. SOUTH ELEVATION @ PARAGON PARKWAY RESIDENTIAL / RETAIL



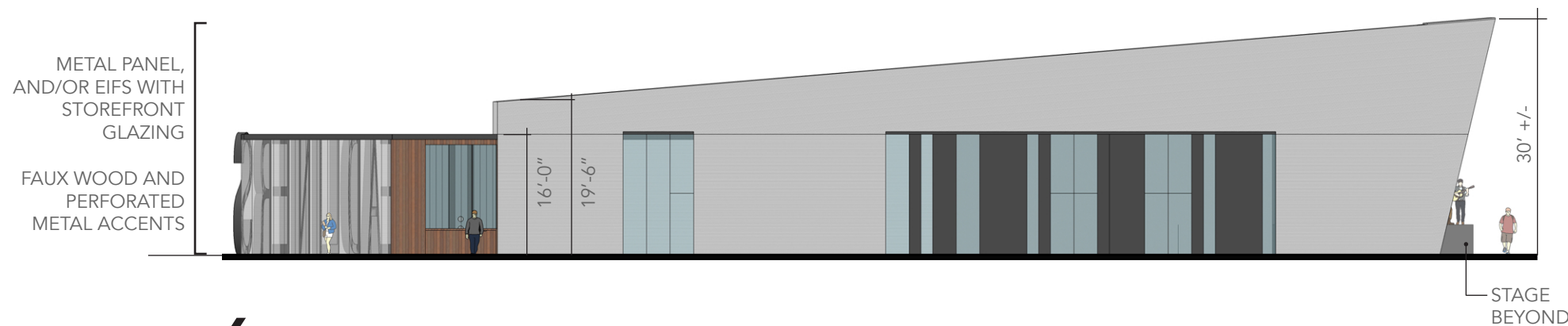
2. NORTH ELEVATION @ PARAGON PARKWAY RETAIL / OFFICE



3. WEST GATEWAY



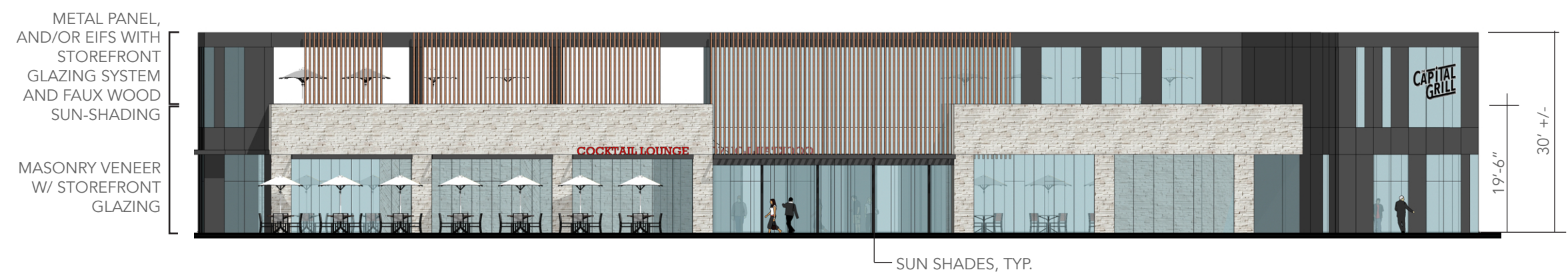
4. EAST GATEWAY



6. EAST ELEVATION ENTERTAINMENT



5. WEST ELEVATION MEDICAL OFFICE BUILDING



7. EAST ELEVATION RESTAURANTS

PARAGON STAR VILLAGE

View High Drive & I-470
Lee's Summit, MO

Project No.: 17042.04
Date: 02.15.2019
Issued For: PRELIM. DEV. PLAN

REVISIONS		
No.	Date	Description

REGISTRATION

NOT FOR CONSTRUCTION

PROJECT TEAM	
ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	HOERR SCHAUDT / LAND 3

SCALE: 1"=20"



7007 College Blvd, Suite 415
Overland Park, Kansas 66211
913+498-1550

SHEET TITLE

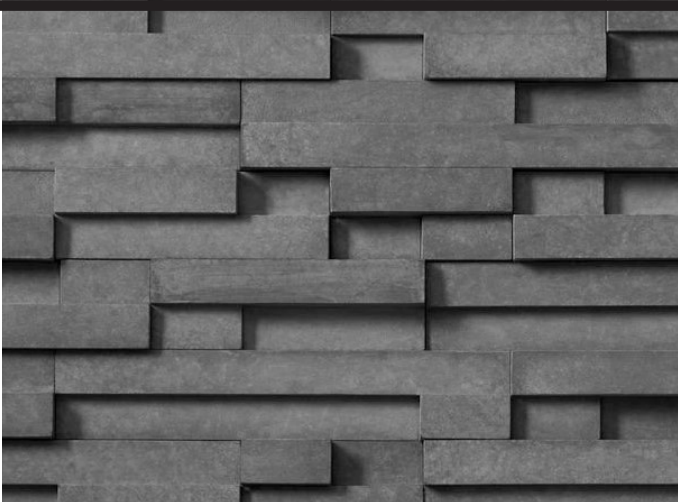
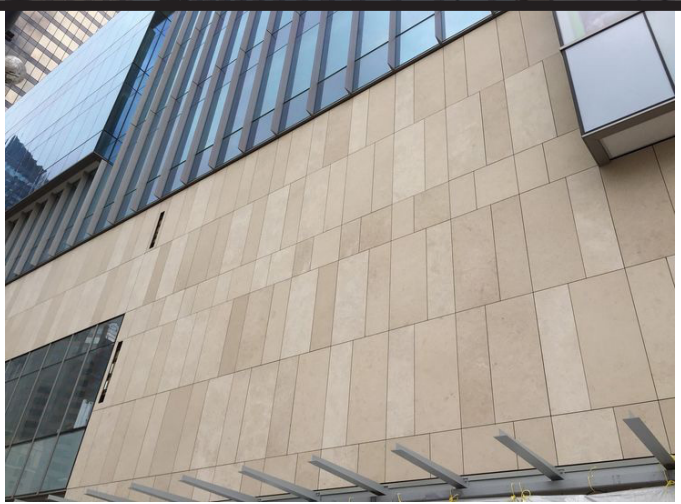
BUILDING ELEVATIONS

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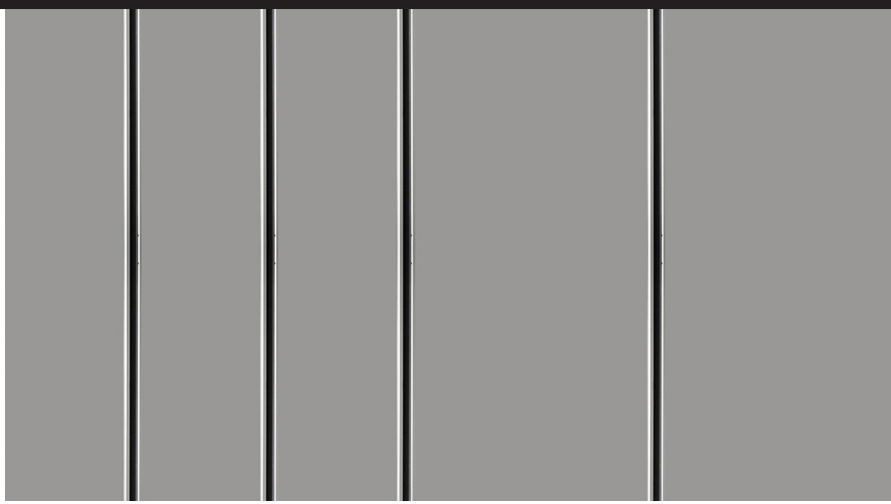
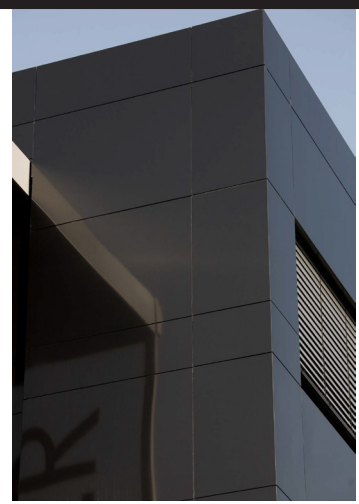
A2.01

OPAQUE WALL / SOFFIT MATERIALS

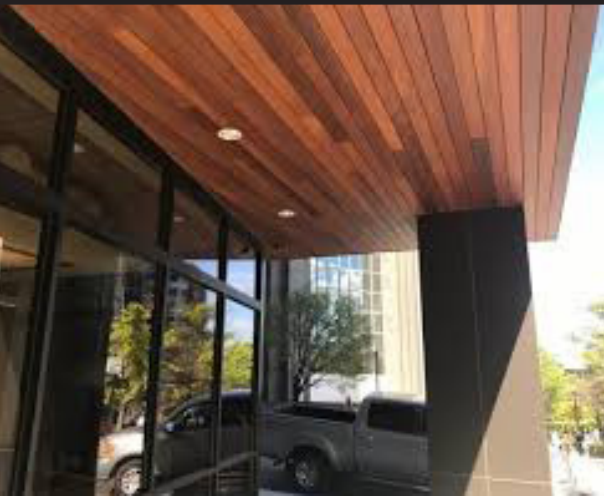
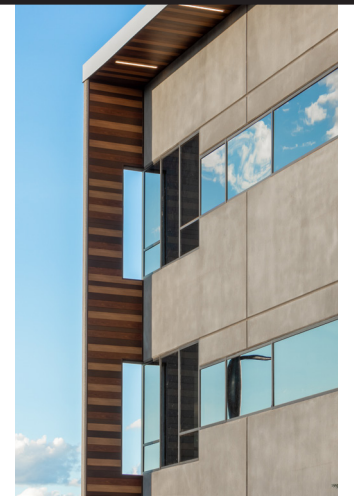
MANUFACTURED STONE /
BRICK MASONRY VENEER



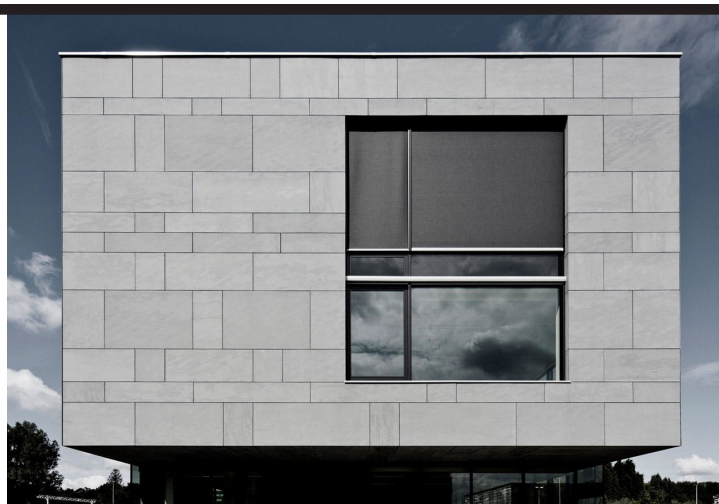
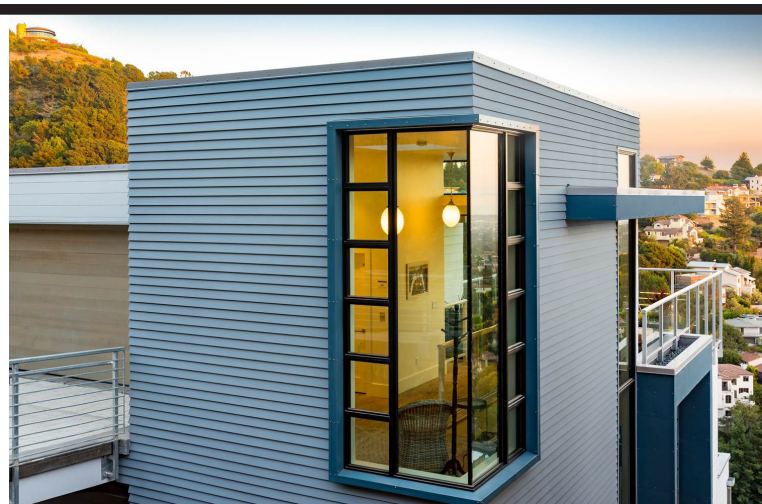
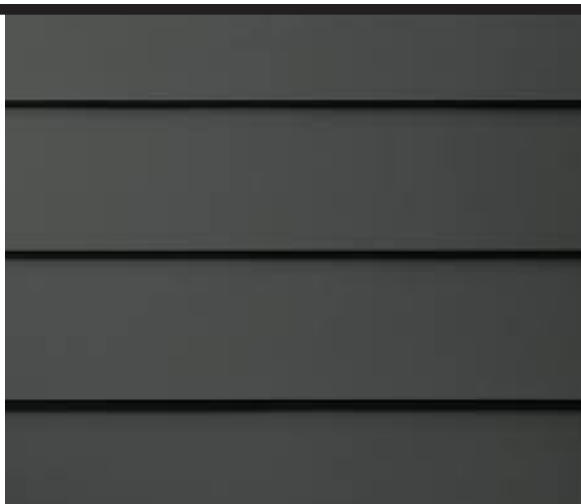
TEXTURED METAL PANELS



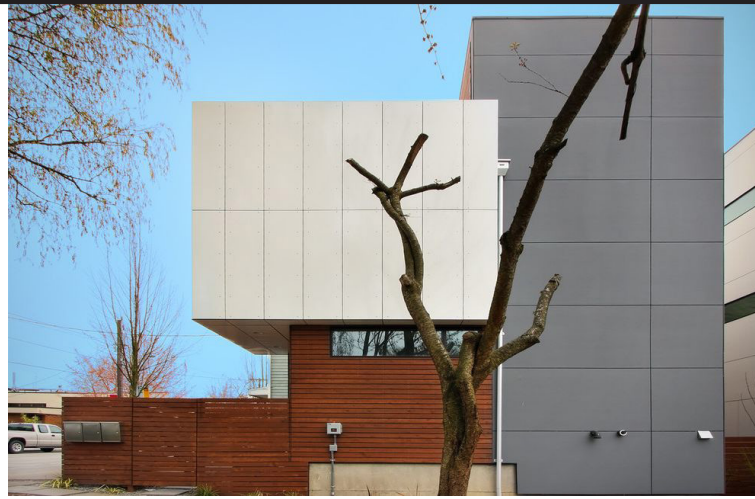
FAUX WOOD CLADDING &
SOFFITS



FIBER CEMENT BOARD
CLADDING

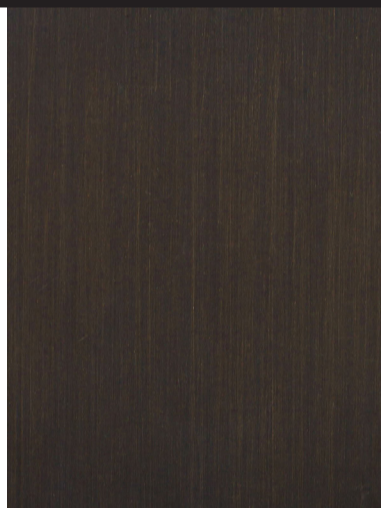


STUCCO / EIFS COATING

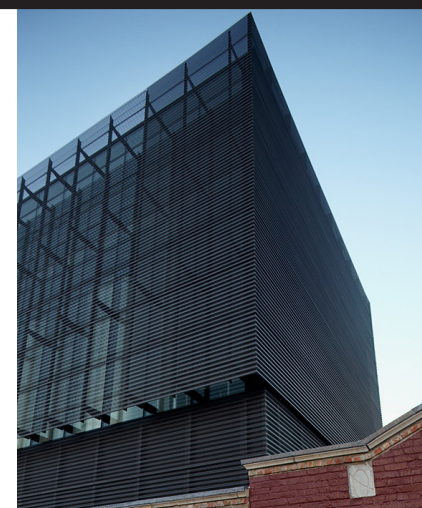


TRANSPARENT / TRANSLUCENT MATERIALS

STOREFRONT GLAZING



PERFORATED METAL / FAUX
WOOD SUN-SHADING



PARAGON STAR
VILLAGE

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CIVIL	GBA
LANDSCAPE	HOERR SCHAUDT / LAND 3



FINKLE + WILLIAMS
ARCHITECTURE

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Overland Park, Kansas 66211
913-498-1550

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LANDSCAPE	HOERR SCHAUDT / LAND 3

**HENDERSON
ENGINEERS**
1801 MAIN, SUITE 300
KANSAS CITY, MO 64108
TEL (816) 663-8700 FAX (816) 663-8701
WWW.HENDERSONENGINEERS.COM
1850004412
MO. CORPORATE NUMBER: E-556D
EXPIRES 12/31/20

JULIETTE A. PIERCE
LICENSE # PE-2009003622

SHEET TITLE
**ELECTRICAL
SITE PLAN**

SHEET NUMBER

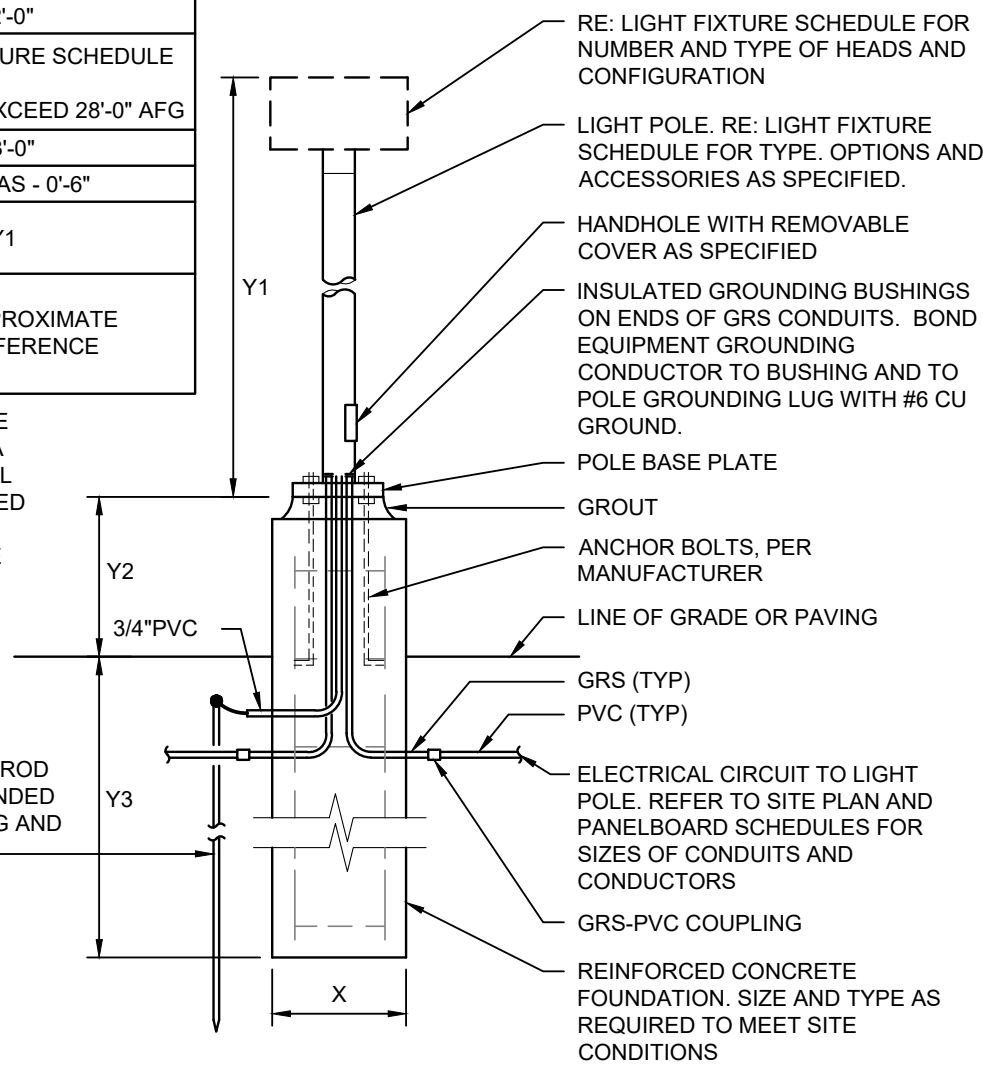
E100

TABLE OF DIMENSIONS*	
X	POLE HEIGHT < 16' = 1'-6" POLE HEIGHT > 16' = 2'-0"
Y1	REFER TO LIGHT FIXTURE SCHEDULE FOR POLE HEIGHT. Y1 + Y2 SHALL NOT EXCEED 28'-0" AFG
Y2	VEHICULAR AREAS - 3'-0" NON-VEHICULAR AREAS - 0'-6"
Y3	1/4 OF POLE HEIGHT Y1

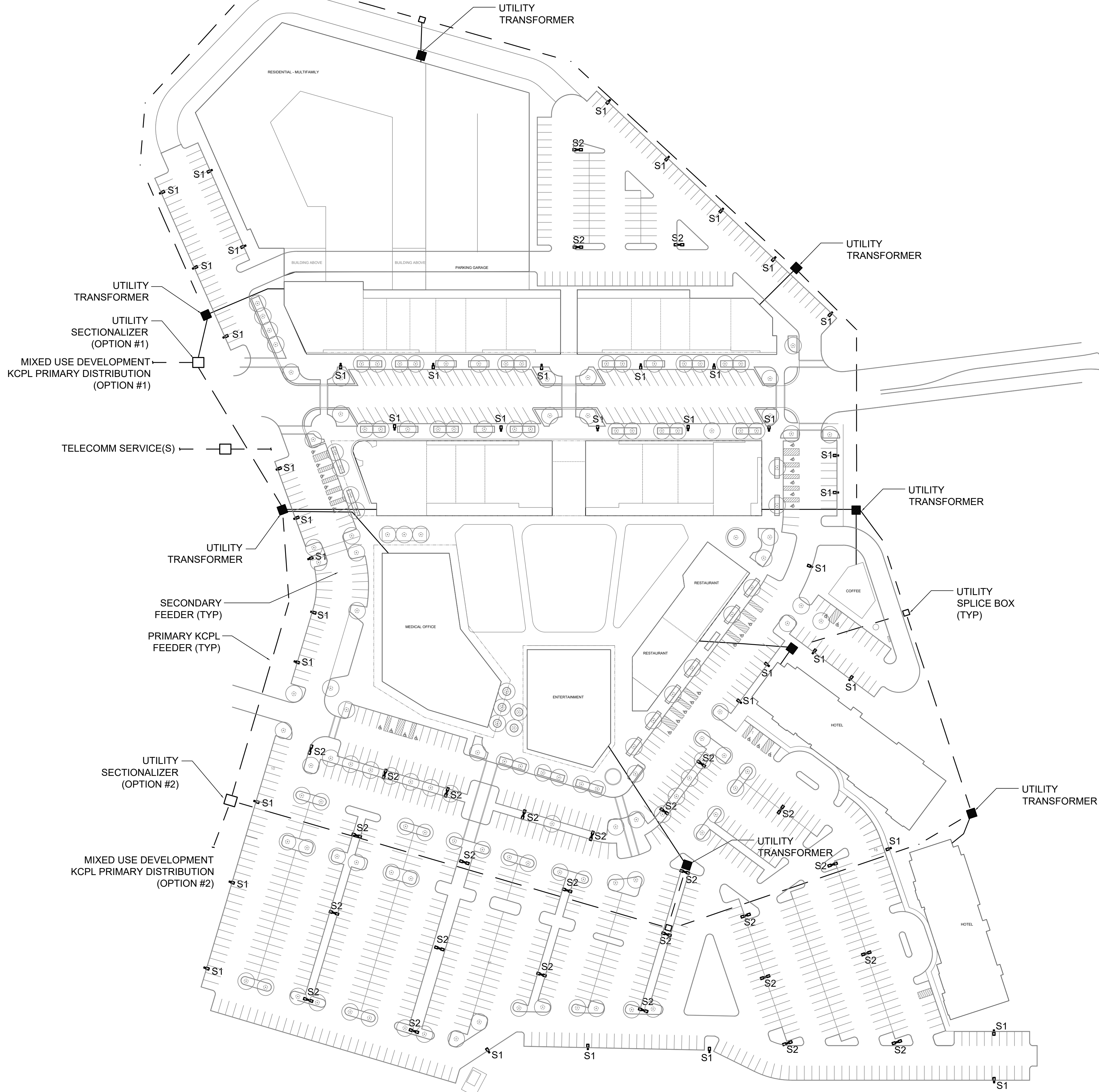
* NOTE:
ALL DIMENSIONS ARE APPROXIMATE
AND ARE SHOWN FOR REFERENCE
ONLY.

POLE FOUNDATION SHALL BE
DESIGNED AND SEALED BY A
PROFESSIONAL STRUCTURAL
OR CIVIL ENGINEER LICENSED
IN THE PROJECT STATE AND
SUBMITTED AS PART OF THE
SUBMITTAL PROCESS.

5/8" X 8' DRIVEN GROUND ROD
WITH #6 CU. GROUND BONDED
TO POLE GROUNDING LUG AND
TO GROUND ROD



2 POLE BASE DETAIL
NO SCALE



1 ELECTRICAL SITE PLAN
SCALE: 1" = 64'

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
	97	GLEON-AF-03-LED-E1-T4W	SINGLE	N.A.	0.720	GLEON-AF-03-LED-E1-T4W

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Parallel Parkway	illumination	Fc	2.14	3.0	1.4	1.53	2.14
Parking Lot NE	illumination	Fc	1.96	4.0	0.8	2.45	5.00
Parking Lot NW	illumination	Fc	2.32	3.4	0.8	2.90	4.25
Parking Lot South	illumination	Fc	2.14	5.4	0.8	2.68	6.75

LIGHT FIXTURE SCHEDULE							
TYPE	MANUFACTURER/MODEL #	LAMPS		INPUT WATTS	INPUT VA	DESCRIPTION	
		NO.	TYPE	VOLT			
S1	MCGRW-EDISON GLEON-AF-03-LED-480-T4W-BK	-	LED BY MANUFACTURER 4000K, 70 CRI 18,045 LUMENS 400,000 HRS	480	166	166	LED PARKING LOT FIXTURE. PROVIDE WITH 25' ALUMINUM POLE ON 3' BASE.
S2	MCGRW-EDISON (2) GLEON-AF-03-LED-480-T4W-BK	-	LED BY MANUFACTURER 4000K, 70 CRI 36,090 LUMENS 400,000 HRS	480	332	332	LED PARKING LOT FIXTURE. PROVIDE (2) HEAD PER POLE AT 180 DEGREES. PROVIDE WITH 25' ALUMINUM POLE ON 3' BASE.

PROJECT PROPERTY LINES ARE NOT ADJACENT TO RESIDENTIAL PROPERTY LINES. EAST, WEST, AND NORTH PROPERTY LINE PHOTOMETRIC CALCULATIONS ARE 0.01 FOOTCANDLES OR LESS. PROPERTY LINE PHOTOMETRICS CAN BE PROVIDED UPON REQUEST (LARGER SCALED PLAN REQUIRED).

McGraw-Edison

DESCRIPTION

The Galleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP66 rated and ULcUL Listed for wet locations.

SPECIFICATION FEATURES

Construction

Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, die-cast aluminum and caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested and rated. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics

Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (±275K) CCT 70 CRI. Optional 3000K, 5000K and 6000K CCT.

Electrical

LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary circuit module designed to withstand 10kV of transient line surge. The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 600mA, 800mA and 1200mA drive currents (nominal).

Mounting

STANDARD ARM MOUNT: Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the

arm mounting requirement table. Round pole adapter included. For wall mounting, specify wall mount bracket option. QUICK MOUNT ARM: Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Finish
Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.



GLEON
GALLEON LED

1-10 Light Squares
Solid State LED

AREA/SITE LUMINAIRE

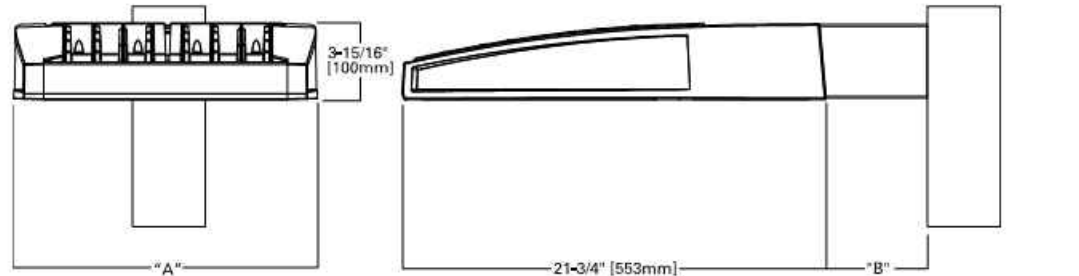


CERTIFICATION DATA
UL/cUL Wet Location Listed
E10 9001
LMTV (UL88) Compliant
3G Vibration Rated
IP66 Rated
DesignLights Consortium® Qualified*

ENERGY DATA
Electronic LED Driver
~0.9 Power Factor
~20% Total Harmonic Distortion
120V~277V 50/60Hz
347V & 480V 60Hz
~40°C Min. Temperature
~40°C Max. Temperature
55°C Max. Temperature (HA Option)

TS000026N
November 30, 2018 2:24 PM

DIMENSIONS



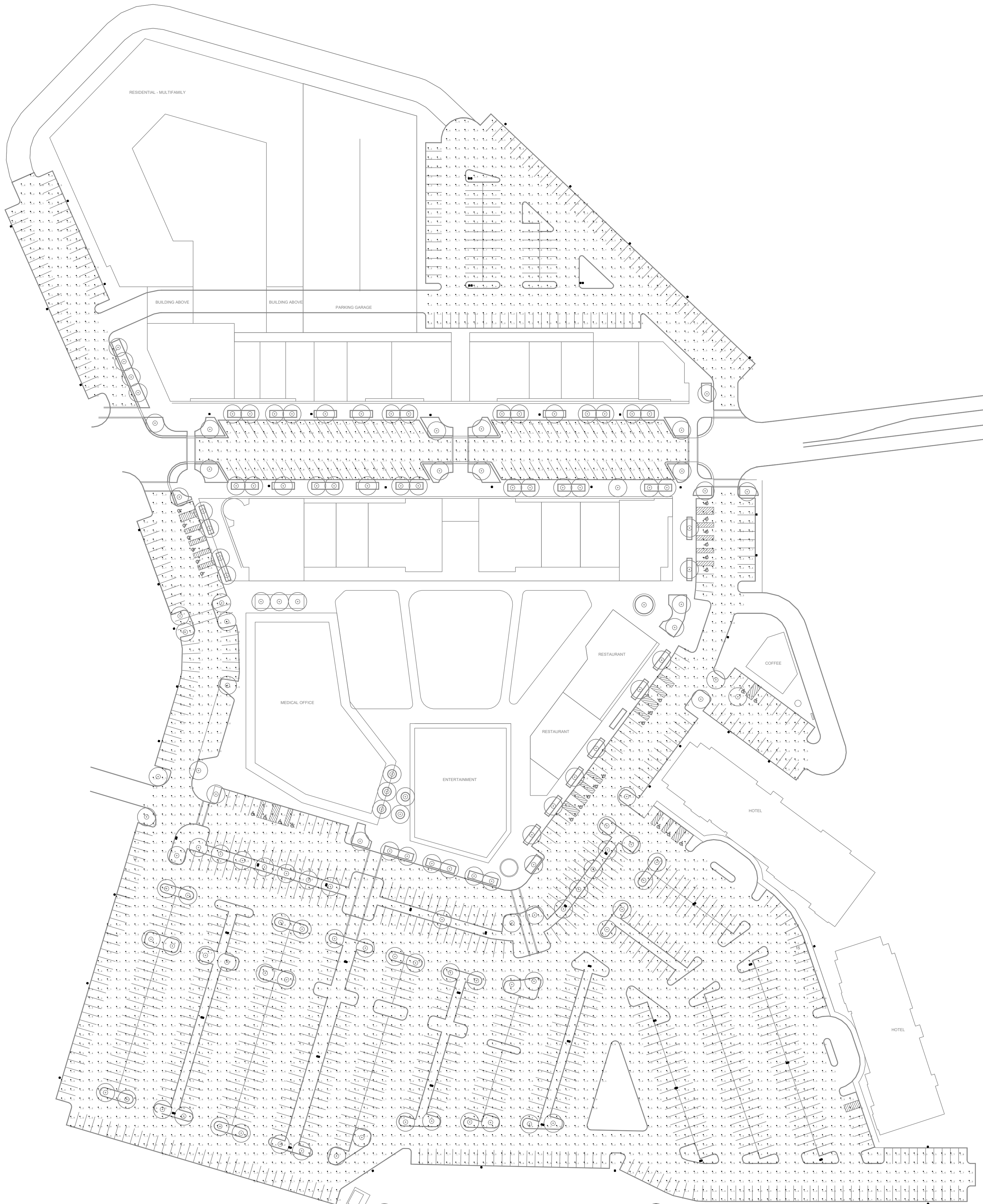
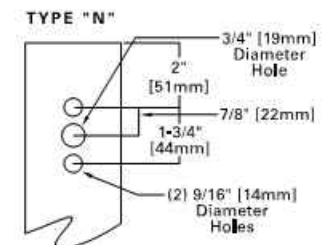
DIMENSION DATA					
Number of Light Squares	"A" Width (254mm)	"B" Standard Arm Length (178mm)	"B" Optional Arm Length 1 (254mm)	Weight With Arm 1 (S ₁ , P ₁)	EPA With Arm 1 (S ₁ , P ₁)
1x4	154x12" (3941mm)	7"	10"	23 (5.0 kg)	0.36
5x5	21x51" (533mm)	7"	10"	44 (20.2 kg)	1.00
7x8	23x51" (584mm)	7"	10"	54 (24.5 kg)	1.07
9x10	33x54" (841mm)	7"	16"	63 (28.5 kg)	1.12

NOTES: 1. Optional length to be used when mounting two fixtures at 90° on a single pole. 2. EPA calculated with optional arm length.



*www.designlights.org

DRILLING PATTERN



PARAGON STAR VILLAGE

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REGISTRATION

PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS
ARCHITECTURE

CIVIL GBA

LANDSCAPE HOERR SCHAUDT /
LAND 3

HENDERSON ENGINEERS
1801 MAIN, SUITE 300
KANSAS CITY, MO 64108
TEL (816) 663-8700 FAX (816) 663-8701
WWW.HENDERSONENGINEERS.COM
1850004412
MO. CORPORATE NUMBER: E-556D
EXPIRES 12/31/20

JULIETTE A. PIERCE
LICENSE # PE-2009003622

SHEET TITLE

ELECTRICAL
PHOTOMETRIC
PLAN

SHEET NUMBER

E200

1 ELECTRICAL PHOTOMETRIC PLAN
SCALE: 1" = 64'