CAMDEN PARK

MASTER PLAN



SITE DESIGN MODIFICATIONS

UDO SECTION 3.4 - BULK AND DIMENSIONAL STANDARDS I. LOT WIDTH/UNIT - ALLEY LOADED: 20 FT 2. MINIMUM RESIDENTIAL DRIVEWAY LENGTH: 22 FT

UDO SECTION 6.6 - TOWNHOUSE BUILDING TYPE STANDARD I. YARD SETBACK SIDE MINIMUM: 3 FT (O FT WHERE PARTIWALL EXISTS) 2. MAXIMUM TOWNHOME CLUSTER: 7

UDO SECTION I I.I.B - REQUIRED DISTRIBUTION OF USES I. TOWNHOME USE MAXIMUM DISTRIBUTION: 100%

ATTENTION CONTRACTORS

THE CONSTRUCTION CONTRACTOR RESPONSIBLE FOR THE EXTENSION OF THE WATER AND SEWER, AS APPROVED IN THESE PLANS, IS RESPONSIBLE FOR CONTACTING THE PUBLIC UTILITIES DEPARTMENT AT 919-996-4540, AT LEAST TWENTY FOUR HOURS PRIOR TO BEGINNING ANY OF THEIR CONSTRUCTION.

FAILURE TO NOTIFY BOTH CITY DEPARTMENTS IN ADVANCE OF BEGINNING CONSTRUCTION WILL RESULT IN THE ISSUANCE OF MONETARY FINES AND REQUIRE REINSTALLATION OF ANY WATER OR SEWER FACILITIES NOT INSPECTED AS A RESULT OF THIS NOTIFICATION FAILURE.

FAILURE TO CALL FOR INSPECTION, INSTALL A DOWNSTREAM PLUG, HAVE PERMITTED PLANS ON JOB SITE, OR ANY OTHER VIOLATION OF CITY OF RALEIGH STANDARDS WILL RESULT IN A FINE AND POSSIBLE EXCLUSION FROM FUTURE WORK IN THE CITY OF RALEIGH.

PARKING CALCULATION:

REQUIRED PARKING - 148 74 UNITS X 2 SPACES PER UNIT PROPOSED PARKING - 171 SPACES 74 UNITS X 2 SPACES PER UNIT (TOWNHOME PARKING) 74 UNITS X 0.25 SPACES PER UNIT (GUEST PARKING) MAIL KIOSK - 2 SPACES

TREE CANOPY CALCULATION:

ON-STREET PARKING - 2 SPACES

PERIMETER LENGTH = 2,686 LF REQUIRED AREA = 53,720 SF (1.23 AC) $(2,686' \times 20' = 53,720 \text{ SF})$ REQUIRED AREA IS GREATER THAN 10% OF SITE AREA (1.23 AC > 0.92 AC (10% OF 9.23 AC))TREE CANOPY REQUIRED = 0.92 AC TREE CANOPY PROVIDED = 1.01 AC

RECREATIONAL OPEN SPACE CALCULATION:

DENSITY - 8.02 UNITS/ACRE 74 UNITS X 2.5 BEDROOMS/UNIT = 185 BEDROOM (SITE IS WITHIN 1/4 MILE OF TOWN PARKS) SO 185 BEDROOMS X 275 SF/BEDROOM = 50,875 SF RECREATIONAL OPEN SPACE REQUIRED = 1.17 AC RECREATIONAL OPEN SPACE PROVIDED = 1.22 AC

ACTIVE SPACE - COMMUNITY BACKYARD (0.63 AC) CONCEPT IS TO PROVIDE AREAS FOR COMMUNITY GATHERING BY OFFERING A PLAYGROUND, PICNIC AREA AND/OR BENCHES

PASSIVE SPACE - COMMUNITY CORNER & OPEN SPACE (0.59 AC) CONCEPT IS TO PROVIDE PASSIVE SPACE TO BUILD COMMUNITY BY OFFERING A GAZEBO AND/OR BENCHES AS WELL AS A PUBLIC ART DISPLAY

TOWNHOME BUILDINGS:

TOTAL NUMBER OF BUILDINGS - 15 3-UNIT BUILDING - I 4-UNIT BUILDINGS - 3

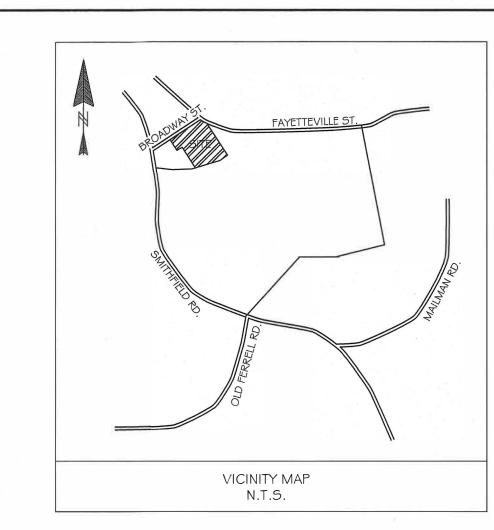
5-UNIT BUILDINGS - 8 6-UNIT BUILDINGS - 2 7-UNIT BUILDINGS - I

BUILDING SETBACKS

FRONT - 0' (MIN), 25' (MAX) SIDE - 3' (MIN) REAR FROM ALLEY - 15' FROM CENTERLINE BUILDING TO BUILDING - 10'

CONNECTIVITY INDEX (CI)

NUMBER OF NODES - 11 NUMBER OF LINKS - 17 CI PROVIDED - 1.5 CI MINIMUM - 1.4 (UR-12)



SITE DATA	
PROJECT NAME	CAMDEN PARK
PREPARER'S CONTACT INFORMATION	JONES & CNOSSEN ENGINEERING, PLLC P.O. BOX 1062 APEX, NORTH CAROLINA 27502 PHONE - (919) 387-1174 FAX - (919) 387-3375 CONTACT PERSON - PETER D. CNOSSEN
OWNER / DEVELOPER CONTACT INFORMATION	DOS BROS, LLC & FRIENDLY CAPITAL, LLC 7101 CREEDMOOR ROAD, SUITE 122 RALEIGH, NORTH CAROLINA 27613 PHONE - (919) 845-6688 FAX - (919) 845-6639 CONTACT PERSON - ANDREW SANDMAN
PROJECT SITE ADDRESS	O FAYETTEVILLE STREET I 20 BROADWAY STREET
PROJECT PROPERTY ZONING	URI2
PROPOSED PROPERTY ZONING	URI 2-PUD
PROJECT WAKE COUNTY PIN NO.5 1753-	59-4934, 59-6807 \$ 59-4750
PROJECT TOTAL SITE AREA	9.23 ACRES
FAYETTEVILLE STREET R/W DEDICATION	0.07 ACRE
BROADWAY STREET RW DEDICATION	0.22 ACRE
NET SITE DEVELOPMENT AREA	8.94 ACRES
PROPOSED RESIDENTIAL LOTS & DENSITY	74 LOTS \$ 8.02 UNITS PER ACRE
EXISTING LAND USE	VACANT
PROPOSED LAND USE	TOWNHOMES
WATERSHED	NEUSE RIVER BASIN
FEMA FIRM MAP NUMBER	3720175300J (DATED MAY 2, 2006)

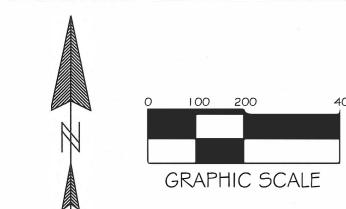
THE DEVELOPMENT PROPOSES TO MEET THE TOWN OF KNIGHTDALE WATER ALLOCATION POLICY (WAP) BY COMBINING BONUS POINTS FROM ARCHITECTURAL ELEMENTS, RECREATION ELEMENTS AND STORMWATER. OUR PRELIMINARY ACCOUNTING IS AS FOLLOWS:

MAJOR SUBDIVISION SECTION IB - NEARBY INTERSECTION IMPROVEMENTS 5 POINTS BONUS POINTS 4 POINTS SECTION 2B - FOUNTAIN WITHIN BMP SECTION 2B - ON-STREET PARKING 2 POINTS SECTION 2C - ARCHITECTURAL STANDARDS 15 POINTS SECTION 3A - ROADSIDE LANDSCAPING 2 POINTS SECTION 3A - PUBLIC ART DISPLAY 4 POINTS SECTION 4F - PLAYGROUND 4 POINTS 51 POINTS TOTAL POINTS

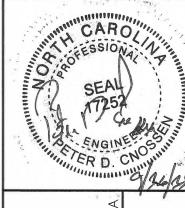
MASTER PLAN SHEET INDEX

- COVER SHEET
- 2 EXISTING CONDITIONS PLAN PRELIMINARY LOT LAYOUT PLAN
- 4 PRELIMINARY UTILITY PLAN 5 PRELIMINARY GRADING & STORM DRAINAGE PLAN
- 6 TYPICAL STREET SECTIONS
- 7 STREET SIGN AND MARKING PLAN LA-I LANDSCAPE PLAN
- LP-I LIGHTING PLAN P6-I ELEVATION

PRELIMINARY PLANS NOT FOR CONSTRUCTION



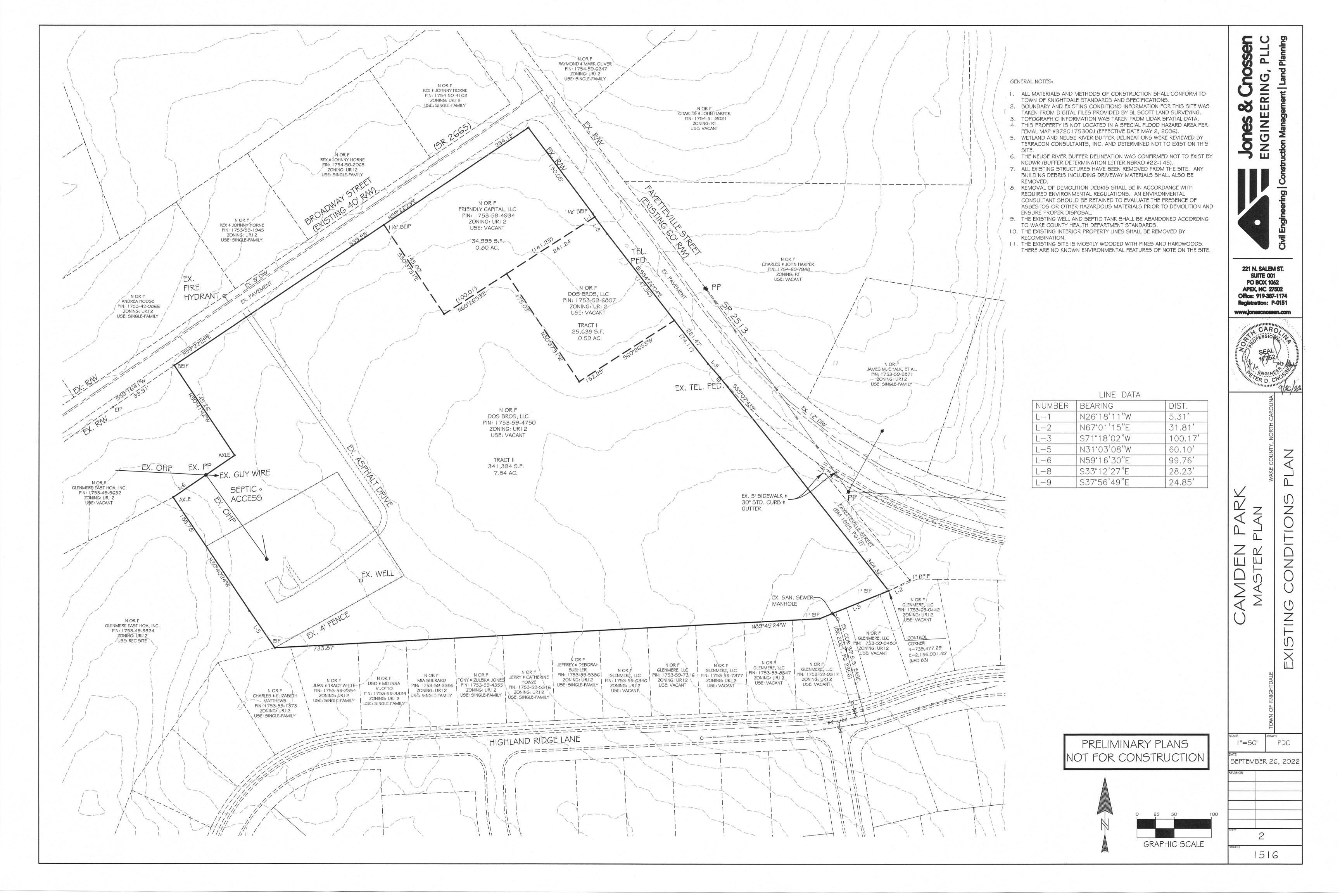
221 N. SALEM ST. SUITE 001 PO BOX 1062 **APEX, NC 27502**

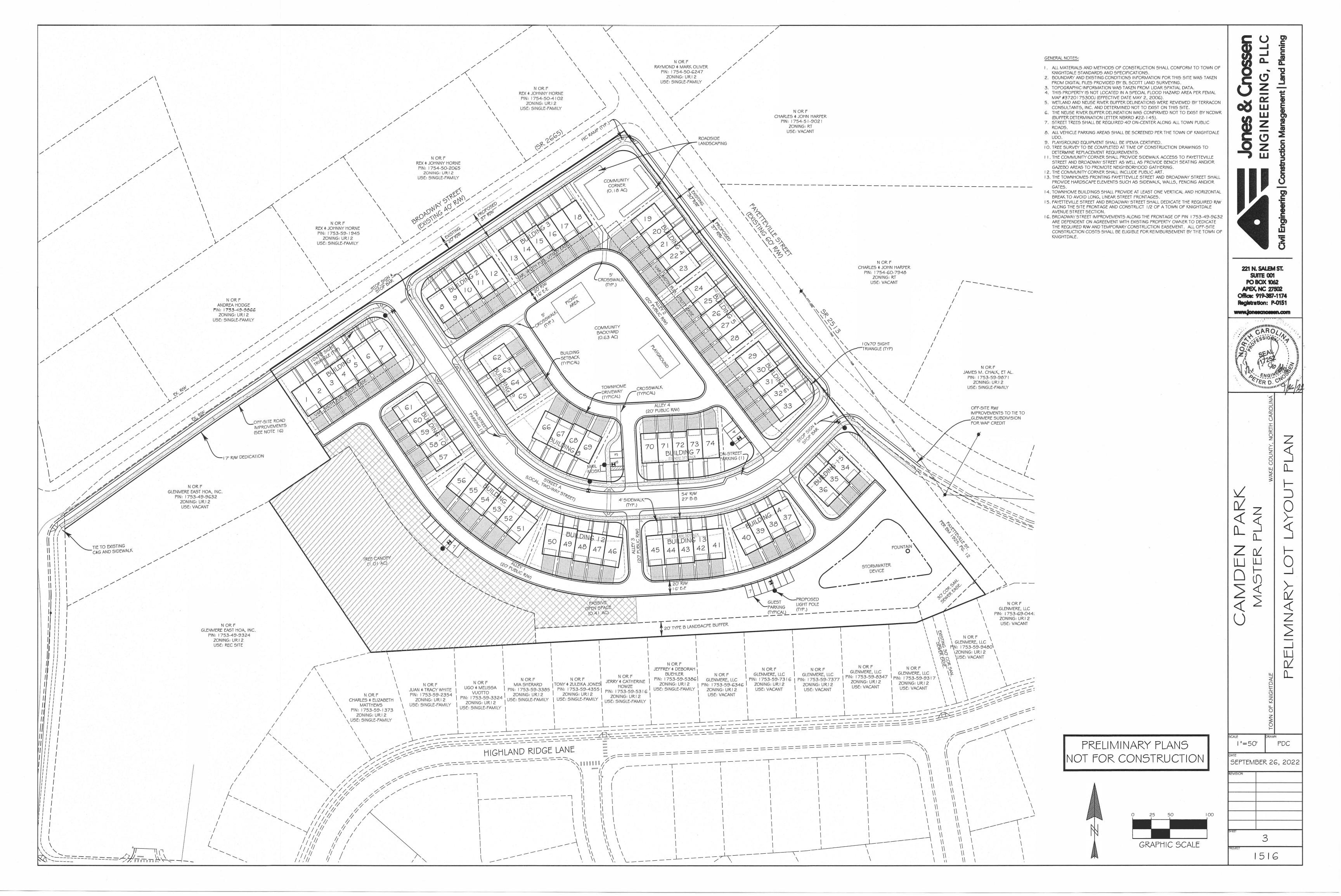


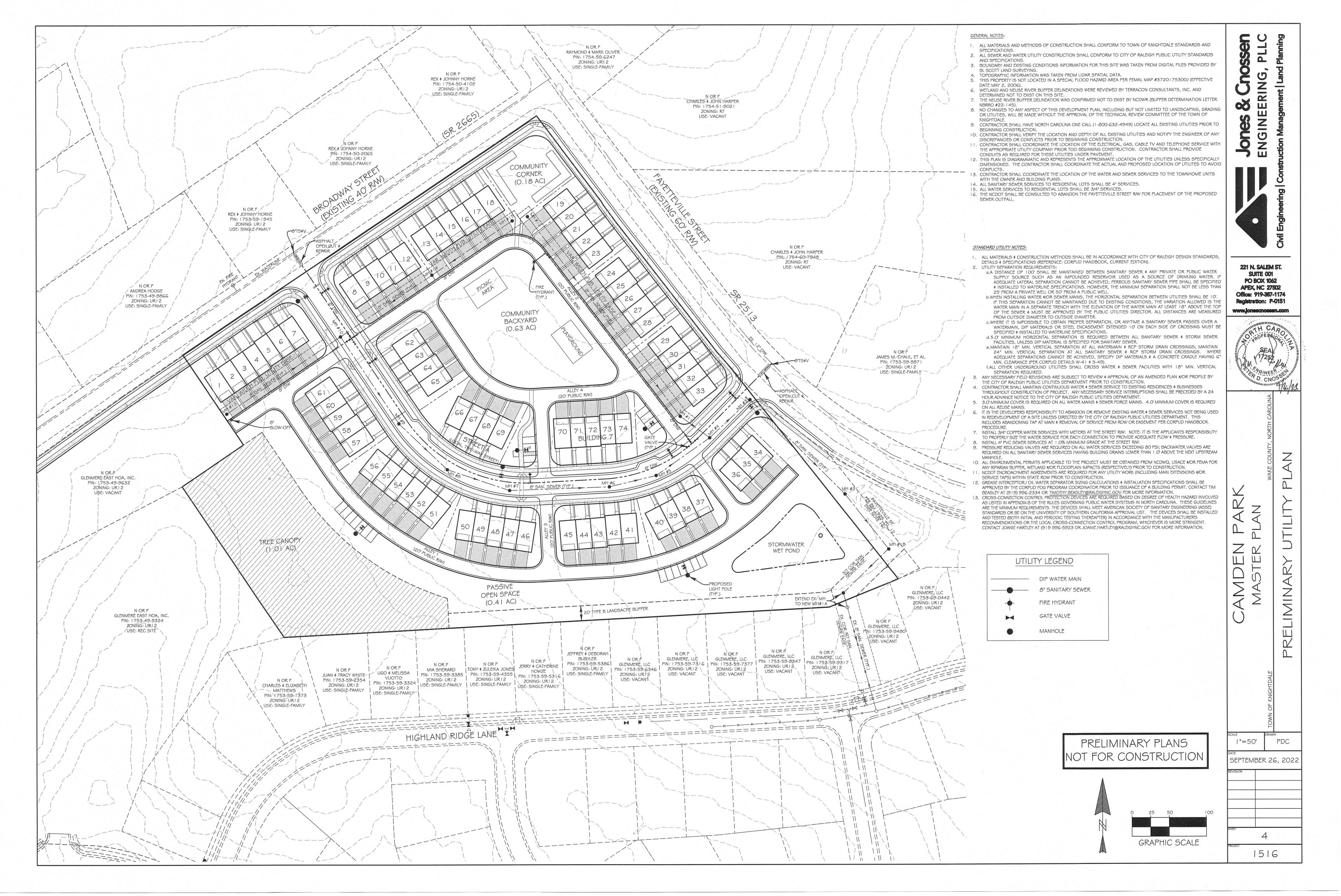
1"=200'

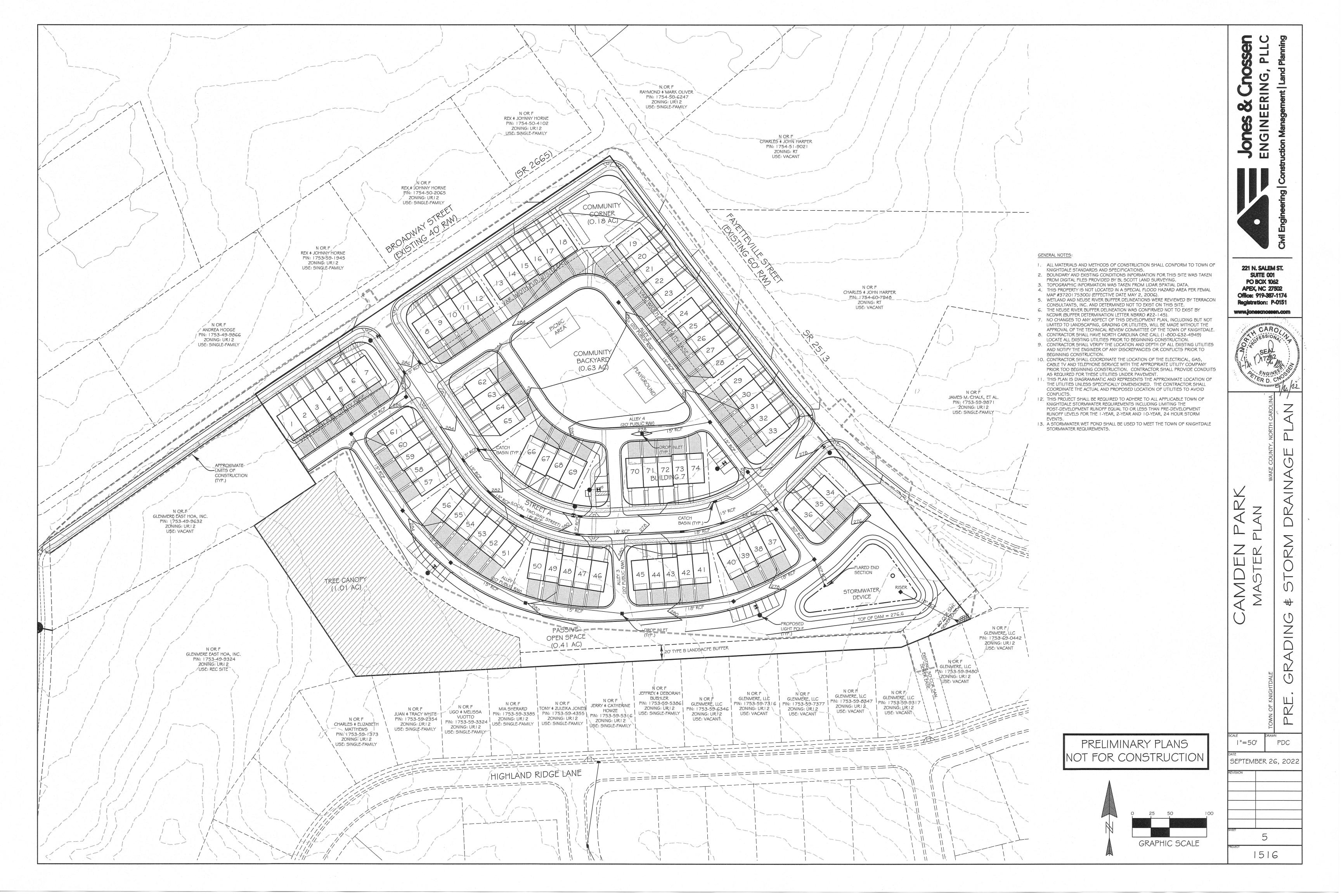
SEPTEMBER 26, 2022

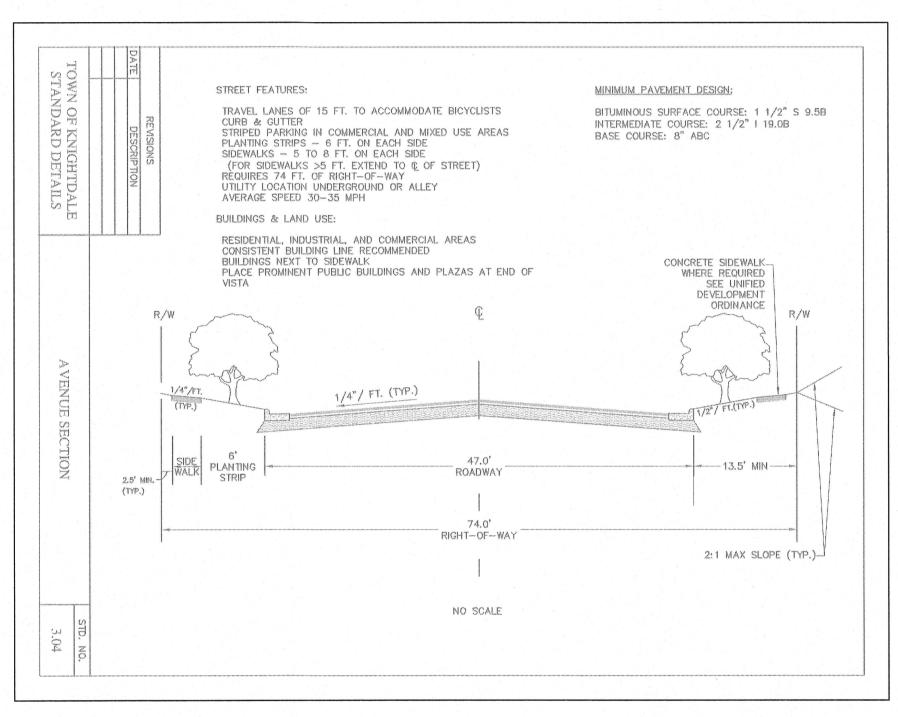
1516

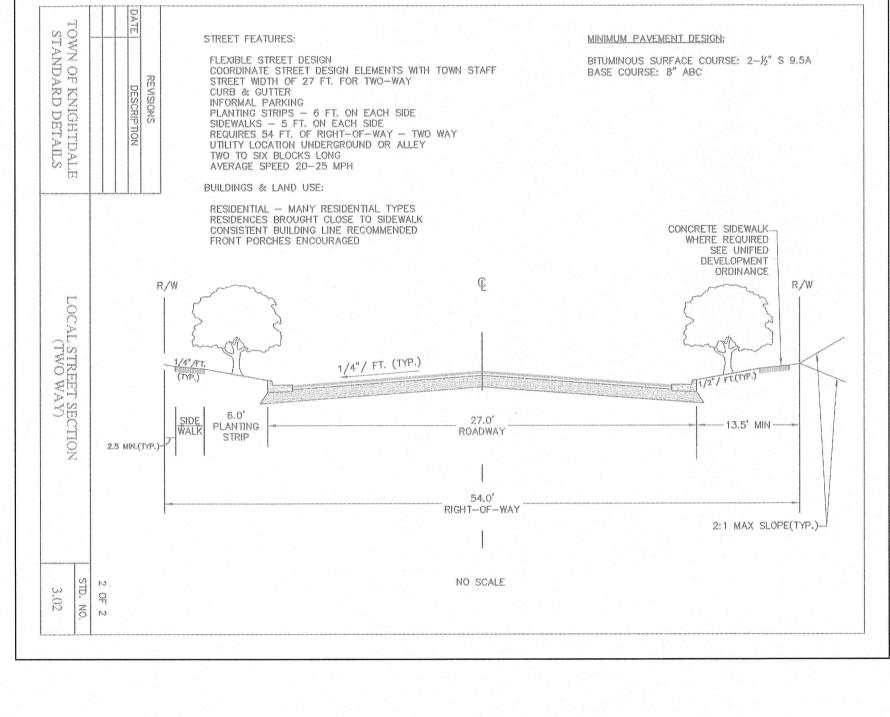


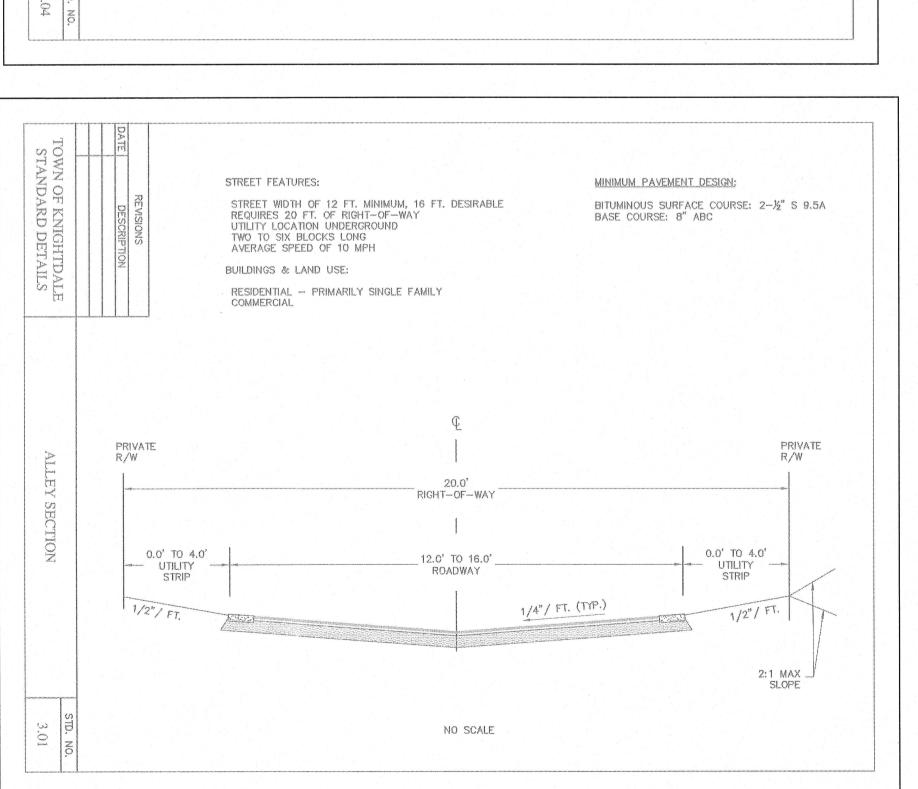














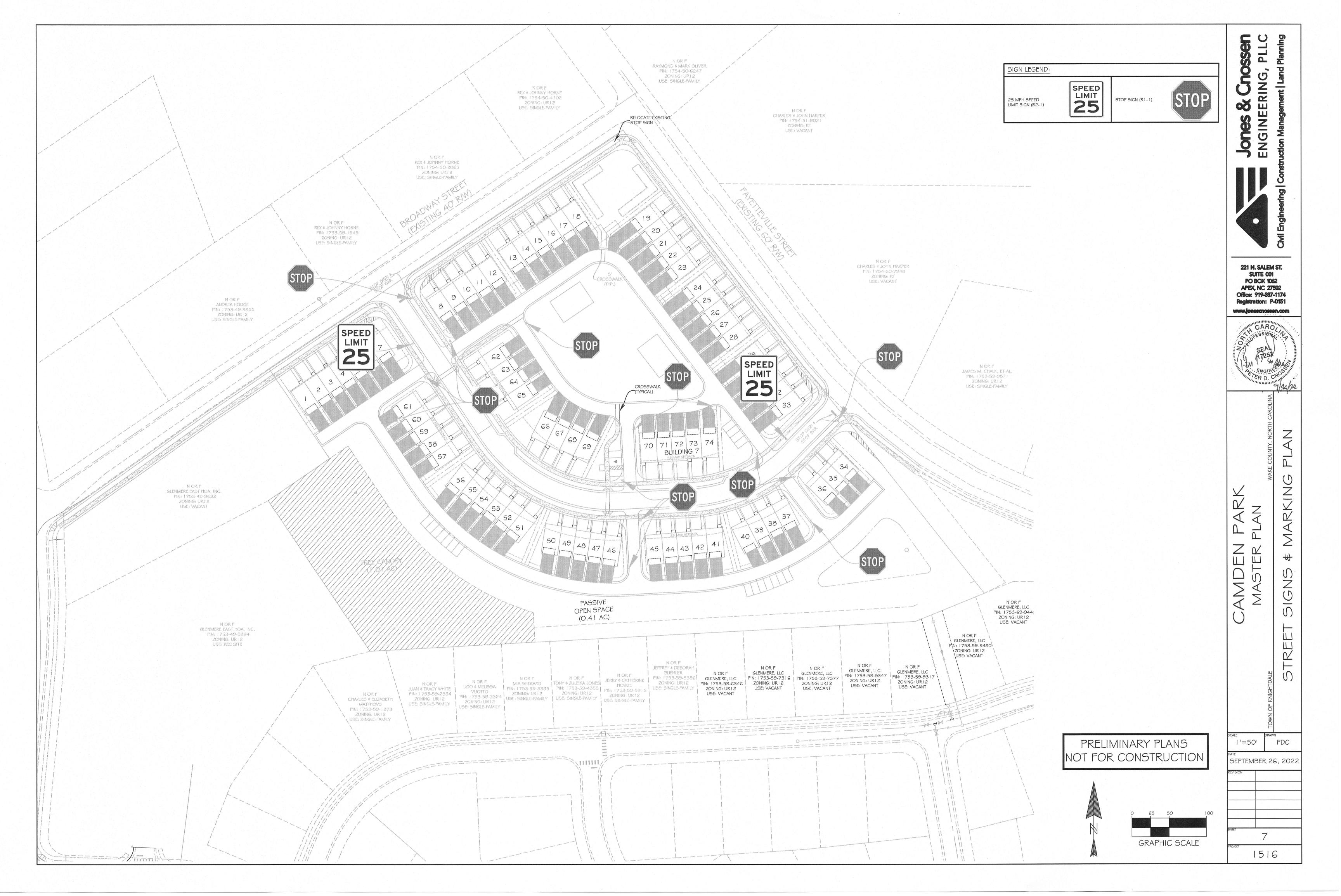
Jones & Cnossen ENGINEERING, PLLC

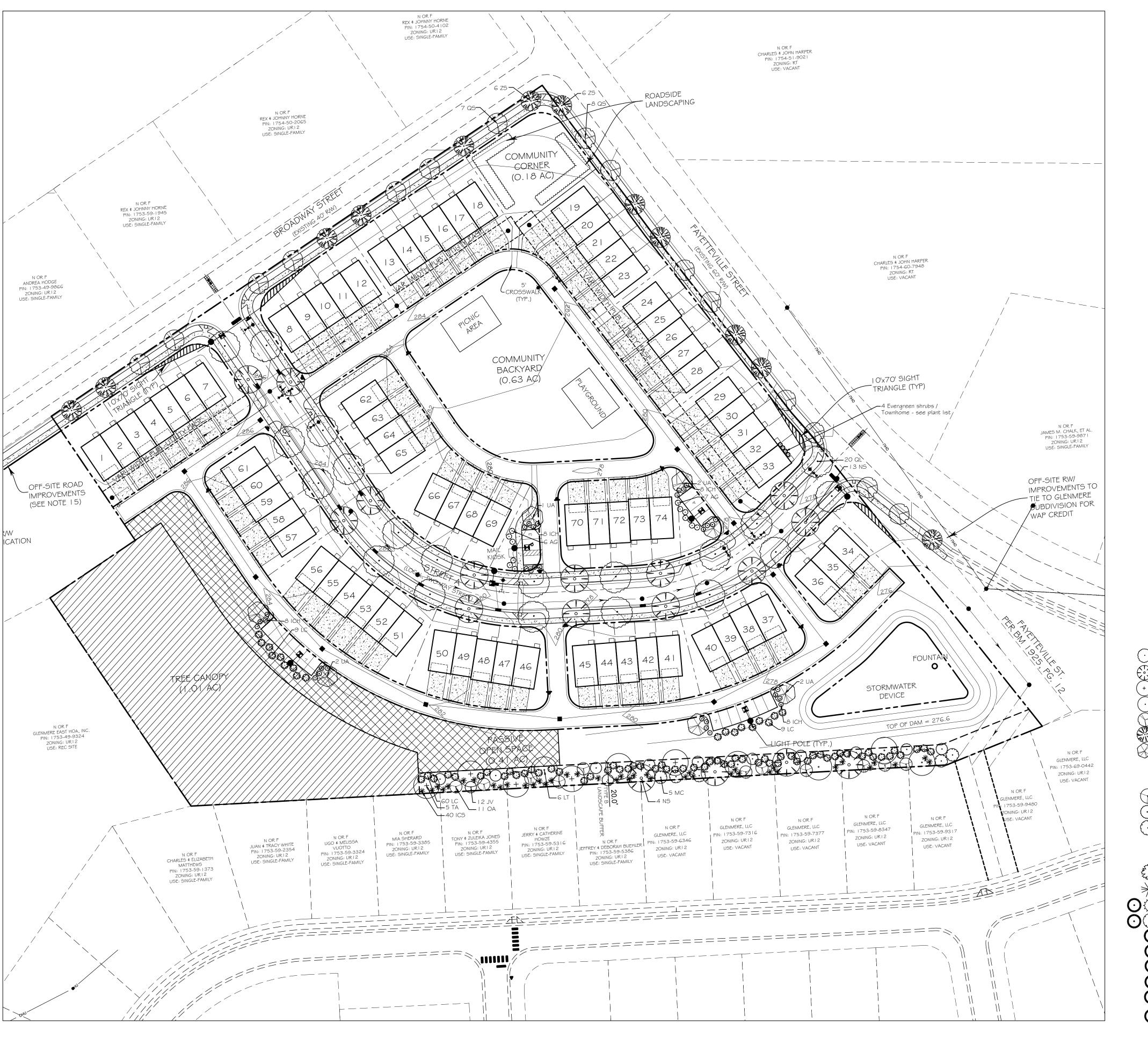
www.j	onesc	nosse	n.com	n
	Henry C	ARC	וייייי	1.
III Q	PEE	SION	AL V	William W
N. N.	0	EAL	`	
WILLIAM TO STATE OF THE STATE O	(7252		!
	O. E	NGINE	HON	WHITE STATES
. "	OETER.	D. C	NO	6
			1/4	le [fi

AMDEI

SEPTEMBER 26, 2022

1516





Town of Knightdale Planting Requirements:

I) VEHICLE USE AREA:

3) STREET TREES:

Required: All portions of vehicle use area within 60 feet of a trunk of a canopy tree

Canopy tree placed at the end of all parking rows

Provided: Large deciduous trees (UA and QL)

A row of evergreen shrubs provided to screen parking from ROW / drive isles

2) BUILDING LANDSCAPE REQUIREMENTS:

Required: Evergreen shrubs along foundation wall Provided: Trees: CC and OA; Shrubs: PS, TO, and SB

Required: I canopy tree / 40 If of public ROW

Provided: Broadway Street and Fayetteville Street (ZS and QS) 40' O.C. in 6' planting strip Street A (QL and NS) 40' O.C. in 6' planting strip

4) TREE CANOPY COVERAGE:

Required: 10% of site area

402,078.09 sf x 10% = 40,207.80

Provided: 43,909.45 sf provided

5) PERIMETER BUFFER YARDS:

Required: South property line 20' Type B Buffer

Provided: 3 canopy trees, 5 understory trees, and 20 shrubs / 100 lf

Residential Landscaping and Plat Notes:

The following paragraphs shall be noted on an approved Preliminary Plat and Final Plat:

1. Each single-family or duplex lot shall contain a minimum of one (1) canopy tree for every two-thousand (2,000) square feet of lot area or fraction thereof up to twenty-thousand (20,000) square feet in lot area. Any portion of the residential lot occupied by a recorded utility easement shall not be included as part of the total lot area. The location of planting to account for physical conditions may be adjusted by the Land Use Administrator.

2. The use of existing trees meeting the following standards to satisfy this requirement is encouraged. Existing large shade trees measuring more than six (6) inches in DBH may be counted towards fulfilling this requirement.

3. Required street trees (Section 7.4 (J)) may not be counted towards the fulfillment of the residential landscaping requirement. Apart from required street trees, all other trees required under this Chapter shall be planted within the private lot.

4. Foundation plantings consisting of evergreen shrubs shall be installed along the entire foundation wall of the building. Plant installation shall be a minimum of two (2) feet in height planted at four (4) foot intervals.

PLANTING NOTES:

I. All plant materials to comply with American Standard for Nursery Stock ANSI.Z60.

2. Plant locations to be approved in field prior to installation.

3. Substitutions of plant materials specified can only occur with prior approval by Landscape

4. Establish plant bed configurations. Landscape Architect to approve bed layout in field.

5. Install plants and mulch beds with 4" of pinestraw.

6. Areas disturbed by grading to be seeded and strawed. 7. Landscape Contractor to maintain plant materials for a one year period following substantial

completion per specifications

8. Areas damaged from plant relocation or other activities of Landscape Contractor to be re-seeded and established at no additional cost to the owner. 9. All plant material shown is minimum required by the Town Code.

PLANT SCHEDULE - CANOPY TREES

	QTY	KEY	BOTANICAL / COMMON NAME	SIZE	ROOT	SPACINO
\odot	20	QL	QUERCUS LYRATA 'HIGHBEAM' / OVERCUP OAK	2" CAL. 8' HT.	В¢В	40' O.C.
	17	NS	NYSSA SYLVATICA / BLACK TUPELO	2" CAL. 8' HT.	B \$ B	40' O.C.
(+)	5	TA	TILIA AMERICANA / AMERICAN LINDEN	2" CAL. 8' HT.	В≰В	AS SHOWN
$\overline{(\cdot)}$	9	LT	LIRIODENDRON TULIPIFERA / TULIP POPLAR	2" CAL. 8' HT.	В≰В	AS SHOWN
	15	Q5	QUERCUS SHUMARDII / SHUMARD OAK	2" CAL. 8' HT.	В≉В	40' O.C.
	12	ZS	ZELKOVA SERRATA 'VILLAGE GREEN' / ZELKOVA	2" CAL. 8' HT.	ВВВ	40' O.C.
	7	UA	ULMUS AMERICANA 'PRINCETON' / AMERICAN ELM	2" CAL. 8' HT.	В≰В	AS SHOWN
			ı			

PLANT SCHEDULE - UNDERSTORY TREES

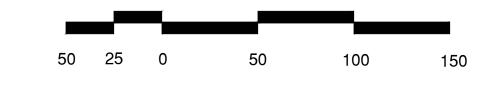
	QTY	KEY	BOTANICAL / COMMON NAME	SIZE	ROOT	SPACING
	11	OA	OXYDENDRUM ARBOREUM / SOURWOOD	1.25" CAL. 6' HT.	В≰В	AS SHOWN/
\odot	12	JV	JUNIPERUS VIRGINIANA / EASTERN RED CEDAR	1.25" CAL. 6' HT.	CONT.	AS SHOWN/
$\langle \cdot \rangle$	5	МС	MYRICA CERIFERA / SOUTHERN WAX MYRTLE	1.25" CAL. 6' HT.	CONT.	AS SHOWN/

PLANT SCHEDULE - SHRUBS BOTANICAL / COMMANDA NAME

		QIY	KEY	BOTANICAL / COMMON NAME	SIZE	ROOT	SPACING
\$	ZYYZ ZYYZ	69	LC	LOROPETALUM CHINENSIS 'RUBY' / FRINGE FLOWER	30" HT. / 4 GAL.	CONT.	5' O.C.
-	${}$	40	ICS	ILEX CRENATA 'STEEDS' / JAPANESE HOLLY	30" HT. / 4 GAL.	CONT.	5' O.C.
0	;;; ₀	74	ICH	ILEX CRENATA 'HELLERI' / JAPANESE HOLLY	18" HT. / 3 GAL.	CONT.	4' O.C.
Ō	(\cdot)	55	AG	ABELIA X GRANDIFLORA 'KALEIDOSCOPE' / GLOSSY ABELIA	18" HT. / 3 GAL.	CONT.	5' O.C.
	Ō	42	ND	NANDINA DOMESTICA 'GULF STREAM' / NANDINA	18" HT. / 3 GAL.	CONT.	3' O.C.
	0	42	RAA	RHODODENDRON 'AUTUMN ANGEL' / AZALEA	18" HT.	CONT.	3' O.C.
	0	42	RAC	RHODODENDRON 'AUTUMH CHIFFON' / AZALEA	18" HT./3 GAL.	CONT.	3' O.C.
	0	43	EJ	EUONYMUS JAPONICA 'GREENSPIRE' / EUONYMUS	18" HT./3 GAL.	CONT.	2' O.C.
	0	43	DV	DISTYLIUM 'VINTAGE JADE' / JADE BLUE ISU TREE	18" HT./3 GAL.	CONT.	4' O.C.

REPRESENTS A FOUNDATION SHRUB - A MIX OF THOSE NOTED SHALL BE USED ALONG THE FOUNDATION OF THE BUILDINGS

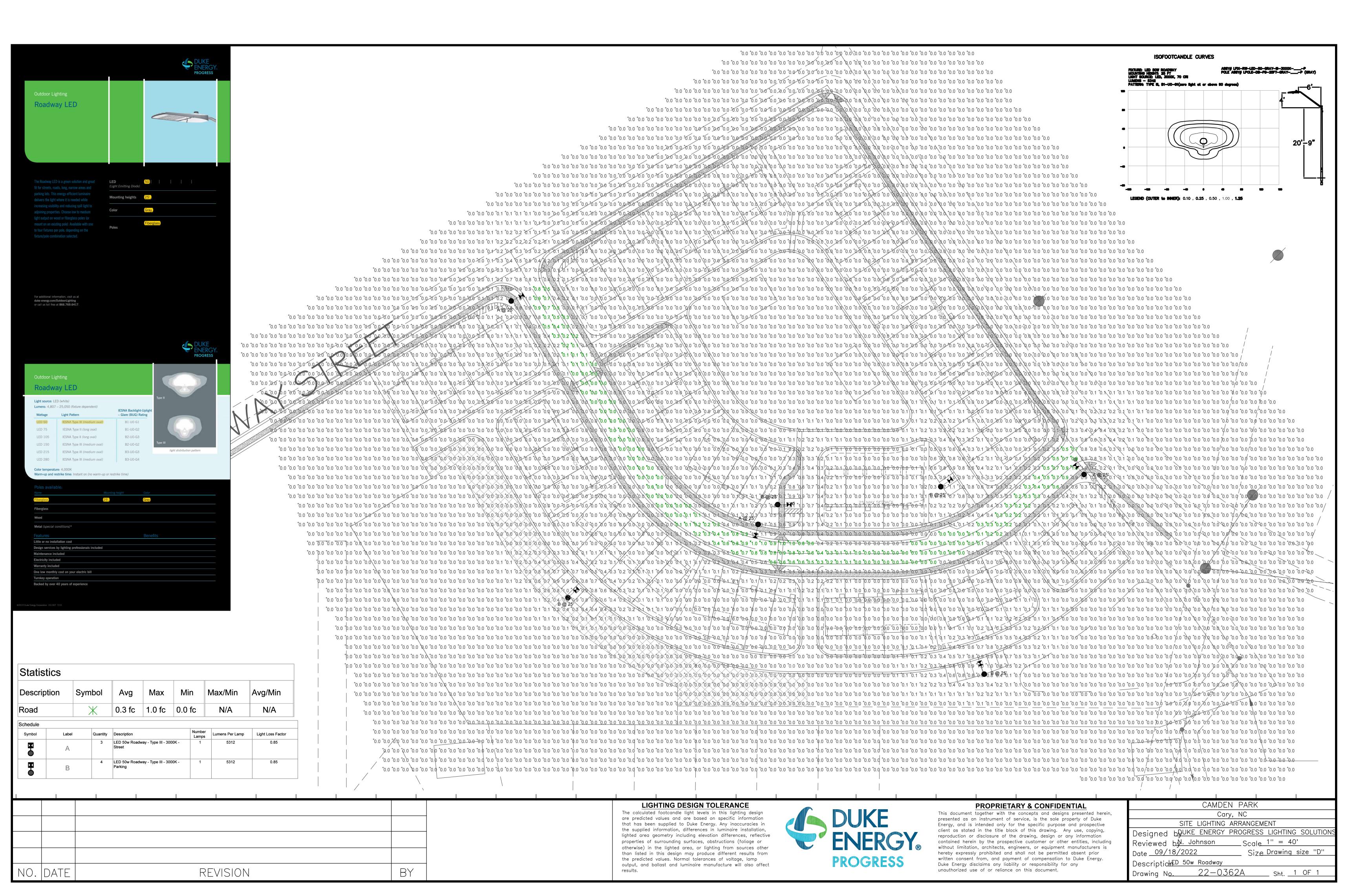
LANDSCAPE PLAN





Jones & Cr

ARK





FRONT ELEVATION



Architecture + Planning 888.456.5849 ktgy.com

