

GENERAL SITE NOTES:

- BOUNDARY AND TOPOGRAPHIC SURVEY BY R.B. PHARR & ASSOCIATES, P.A. DATED01/14/2022.
- FLOOD PLAIN IS NOT PRESENT ON THIS SITE AS SHOWN ON THE FEMA FIRM MAP NUMBER 3720184300K, DATED 04/16/2013.
- ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL LOCAL REGULATIONS AND O.S.H.A. STANDARDS.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING LOCATION, DIMENSIONS, UTILITY ENTRANCE LOCATIONS, ETC.
- ALL NEW PAVEMENT SHALL MEET OR EXCEED GEOTECHNICAL SPECIFICATION. SEE REPORT PREPARED BY SUMMIT ENGINEERING, LABORATORY AND TESTING, INC, DATED 02/04/2022.

25

N/A

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE UNTIL WORK IS ACCEPTED BY THE OWNER.

Key	Dimension Element	7-Eleven Standard	"The Site"
Α	Center of bollard to center of dispenser	62'	62'
В	Center of dispenser to edge of front curb with tanks	47'	47'
С	Center of dispenser to edge of front curb without tanks	39'	N/A
D	Edge of dispenser to side curb with tanks	54'	N/A
E	Edge of dispenser to side curb without tanks	46'	46'/52'
F	Drive aisle width between the face of dispensers (in stacked position)	31'-4"	N/A
G	Centerline dispenser spacing (in stacked position)	24'	N/A
Н	Drive aisle width between the face of dispenser (in starting gate position)	21'-3"	21'-3"
1	Sidewalk width	8'	SEE PLAN
J	Dimension of typical parking spots	9'X20'	9'X20'
K	Dimension of ADA parking spots	11'X20'	11'X20'
L	Dimension of ADA aisle	5'	5'
M	Ingress and egress dimension	35'	35'/40'

MPDs (min)

Parking without restaurant

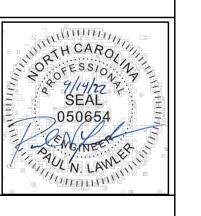
Parking with restaurant

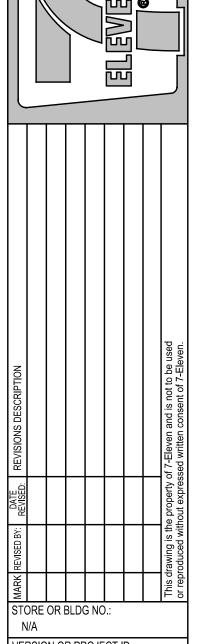
1	FUEL CANOPY, REFER TO ARCH PLANS FOR DETAILS
2	UNDERGROUND FUEL STORAGE TANKS, REFER TO FUEL SYSTEM PLANS FOR DETAILS
3	DUMPSTER ENCLOSURE, REFER TO ARCH PLANS FOR DETAILS
4	ADA PARKING SIGN, SEE SHEET C7.1 FOR DETAIL
5	ADA PARKING AREA
$\langle 6 \rangle$	NCDOT STANDARD ADA RAMP W/ ADA DETECTABLE WARNING BUMPS
7	PARALLEL CURB RAMP
8	CONCRETE SIDEWALK
(13)	CURB AND GUTTER - SEE SHEET C6.2
(14)	BOLLARD - SEE SHEET C6.3
(15)	LANDSCAPE AREA, SEE LANDSCAPE PLAN FOR PLANTING LAYOUT
(16)	RETAINING WALL
(17)	GUARD RAIL - SEE SHEET C6.3
(19)	FUEL VENT LINES
20>	AIR-VAC MACHINE - SEE SHEET C6.7
	·

GRAPHIC SCALE

(IN FEET) 1 inch = 30 ft.







VERSION OR PROJECT ID: N/A

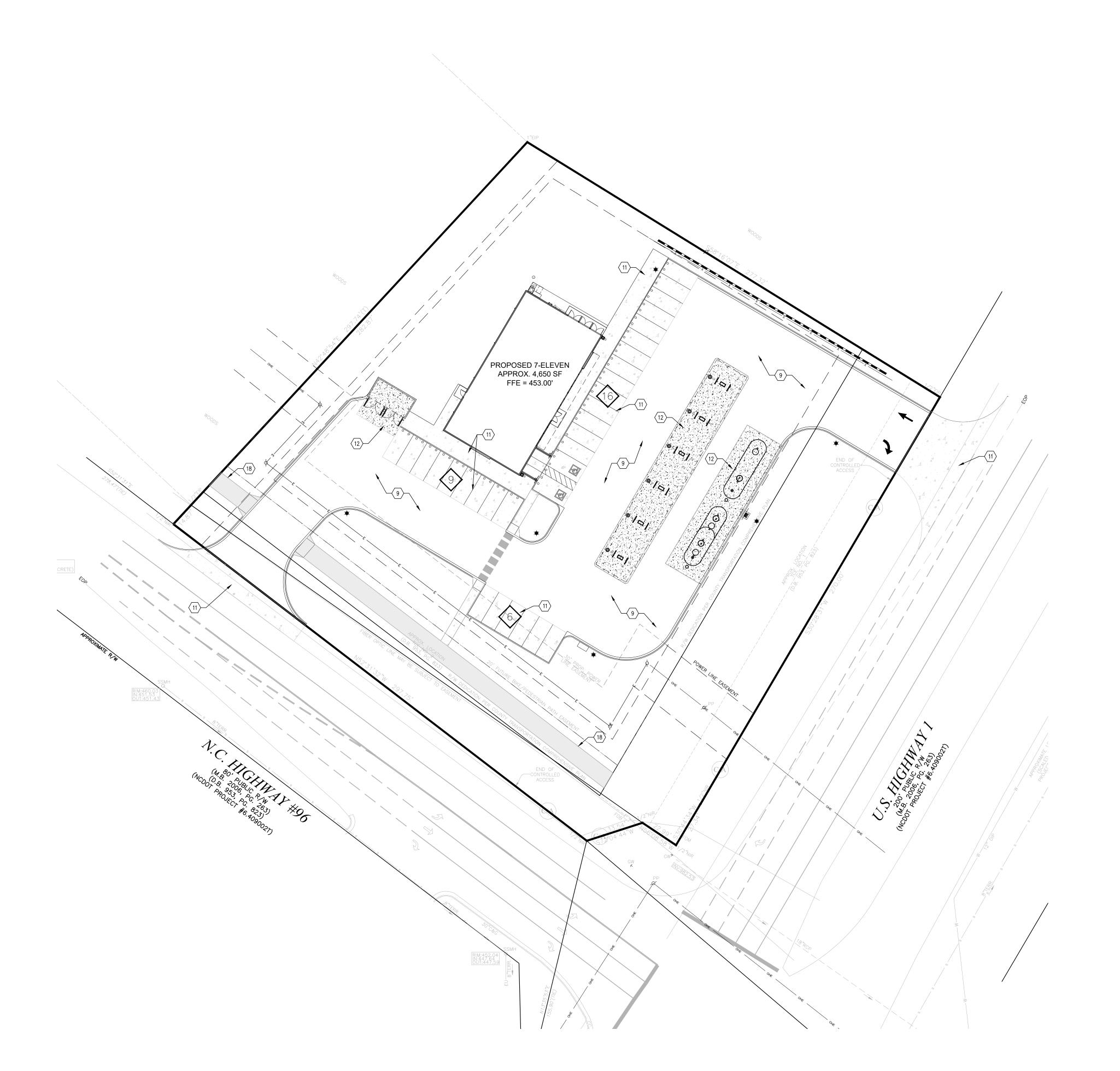
DGNR. KTD PM./DP. PNL

RVWR. PNL/BJS ISSUE DATE: 09/13/2022

NW CORNER OF NC HIGHWAY #96 AND US HIGHWAY #1

SITE PLAN

DRWG. NO. C3.0



GENERAL SITE NOTES:

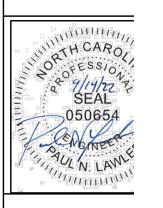
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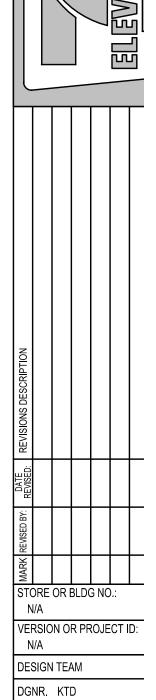
SITE	SITE LEGEND:				
**************************************	STANDARD DUTY STRENGTH CONCRETE PAVEMENT				
	HEAVY DUTY STRENGTH CONCRETE PAVEMENT				
	NORMAL STRENGTH ASPHALT PAVEMENT				
	ASPHALT BIKE/PEDESTRIAN PATH				

9	NORMAL STRENGTH ASPHALT - SEE SHEET C6.2					
(10)	HEAVY DUTY STRENGTH ASPHALT PAVEMENT - SEE SHEET C6.2					
(11)	NORMAL STRENGTH CONCRETE - SEE SHEET 6.2					
(12)	HEAVY DUTY STRENGTH CONCRETE - SEE SHEET C6.2					
(18)	ASPHALT PATHWAY - SEE SHEET C6.4					





righton Companies, LI
7-Eleven
YOUNGSVILLE, NC
FRANKLIN COUNTY



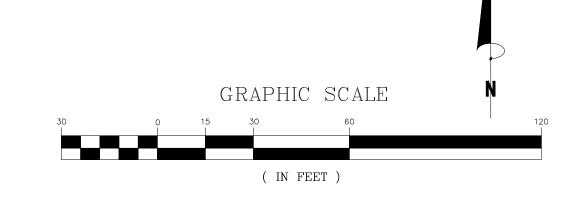
PM./DP. PNL RVWR. PNL/BJS

ISSUE DATE: 09/13/2022 ADDRESS

NW CORNER OF NC HIGH #96 AND US HIGHWAY #1

PAVING

PLAN





ADA NOTES

THE AMERICANS WITH DISABILITIES ACT (ADA).

AMERICANS WITH DISABILITIES ACT (ADA). IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES, AND THE ADA DESIGN MANUAL. IN THE EVENT THAT A DESIGN QUESTION SHOULD ARISE, OR A FIELD CONDITION PRESENT ITSELF THAT IS DIFFERENT FROM THOSE SHOWN ON THESE PLANS, WORK SHOULD CEASE AND THE ENGINEER SHOULD BE NOTIFIED SO THAT AN ACCEPTABLE SOLUTION CAN BE DETERMINED.

3. THE CONTRACTOR IS ADVISED TO CAREFULLY CHECK ALL THE PHASES OF WORK RELATING TO ADA ACCESSIBILITY FOR THIS PROJECT. SINCE THE CODE DOES NOT ALLOW FOR CONSTRUCTION TOLERANCE, ANY CONSTRUCTION THAT EXCEEDS MAXIMUM OR MINIMUM DIMENSIONS AND SLOPES AS REQUIRED BY ADA ARE SUBJECT TO REJECTION AND MAY BE REQUIRED TO BE REMOVED AND REPLACED AT THE

THE GENERAL CONTRACTOR OR THEIR SUBCONTRACTORS DURING GRADING AND CONSTRUCTION OF THE PROJECT, THE CIVIL ENGINEER OR SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE FINAL ACCEPTANCE OF AMERICANS WITH DISABILITIES ACT ACCESSIBILITY RELATED ITEMS BY THE CITY, ANY OTHER AUTHORITY, OR AFFECTED PARTIES.

GRADING & DRAINAGE NOTES

PUBLIC STREETS AND RIGHT-OF-WAYS ARE KEPT CLEAN OF MUD, DUST OR DEBRIS. DUST ABATEMENT SHALL BE MAINTAINED BY ADEQUATE WATERING OF THE SITE BY THE CONTRACTOR. 2. CLEAR AND GRUB WITHIN WORK LIMITS FOR ALL SURFACE VEGETATION, TREES, STUMPS, BRUSH, ROOTS,

DRAWINGS. PROTECT ALL ROOTS TWO INCHES IN DIAMETER OR LARGER.

MASS. ALL TRESS, BRUSH, AND DEBRIS ASSOCIATED WITH CLEARING, STRIPPING OR GRADING SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR. 4. IMMEDIATELY FOLLOWING FINE GRADING OPERATIONS, COMPACT SUBGRADE TO 95% OF MAXIMUM DRY

TRUCK IS ALSO REQUIRED. 5. ALL FILLS WITHIN PUBLIC ROW AND EASEMENTS SHALL BE ENGINEERED. ADDITIONALLY, ANY FILLS OUTSIDE

BE CONSTRUCTED IN 6"-8" LIFTS. EACH LIFT SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY PER ASTM D698 TEST METHOD (MODIFIED PROCTOR). THE UPPER 2' BENEATH SLABS AND PAVEMENTS SHOULD BE COMPACTED TO AT LEAST 98% OF THE SAME CRITERIA.

WITH EXISTING PAVEMENT AS REQUIRED TO PROVIDE A SMOOTH, FREE DRAINAGE SURFACE. 7. ALL EXISTING AND CONSTRUCTED MANHOLES, CLEANOUTS, MONUMENTS, GAS VALVES, WATER VALVES, AND

8. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, NO CUT OR FILL SLOPES SHALL BE CONSTRUCTED STEEPER THAN 3:1.

9. CONTRACTOR SHALL HYDROSEED ALL EXPOSED SLOPES AND DISTURBED AREAS WHICH ARE NOT

10. PIPE LENGTHS ARE TO CENTER OF BOX AND ROUNDED TO THE NEAREST 1' INCREMENT.

11. ALL DITCHES AND SWALES, AS WELL AS DISTURBED AREAS INSIDES RIGHTS-OF-WAY AND DRAINAGE

12. AN AS-BUILT SURVEY OF THE UNDERGROUND POND, DIMENSIONS OF THE UNDERGROUND OUTLET STRUCTURE, AND AN UNDERGROUND POND CERTIFICATION LETTER FROM THE ENGINEER OF RECORD WILL

UNLESS NOTED OTHERWISE.

14. THE CONTRACTOR SHALL REFERENCE THE GEOGRAPHICAL REPORT FOR DENSITY SPECIFICATIONS AND

1. THE DESIGN PROFESSIONAL SIGNING THIS DOCUMENT REPRESENTS THAT TO THE BEST OF HIS/HER PROFESSIONAL JUDGEMENT, KNOWLEDGE, AND BELIEF THE DESIGN SPECIFICATIONS HEREIN COMPLY WITH

2. ALL GRADES/SLOPES SHOWN ON THIS PLAN WERE DESIGNED AT OR BELOW MAXIMUMS ALLOWED BY THE

4. SINCE THE CIVIL ENGINEER OR SURVEYOR CANNOT CONTROL THE EXACT METHODS OR MEANS USED BY

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING CONSTRUCTION ACTIVITIES TO ENSURE THAT

ETC. DO NOT DAMAGE OR REMOVE TRESS EXCEPT AS APPROVED BY THE ENGINEER OR AS SHOWN ON THE 3. STRIP WORK LIMITS, REMOVING ALL ORGANIC MATTER WHICH CANNOT BE COMPACTED INTO A STABLE

DENSITY PER ASTM D698 METHOD (MODIFIED PROCTOR). PROOF ROLLING WITH A 20-30 TON LOADED DUMP

OF PUBLIC ROW WHICH ARE OVER TWO (2) FEET IN DEPTH SHALL BE ENGINEERED. ENGINEERED FILLS SHALL

6. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, STRAIGHT GRADES SHALL BE RUN BETWEEN ALL FINISH GRADE ELEVATIONS AND/OR FINISH CONTOUR LINES SHOWN. FINISH PAVEMENT GRADES AT TRANSITION TO EXISTING PAVEMENT SHALL MATCH EXISTING PAVEMENT GRADES OR SHALL BE FEATHERED PAST JOINTS

SIMILAR STRUCTURES SHALL BE ADJUSTED TO MATCH FINISH GRADE OF THE PAVEMENT, SIDEWALK, LANDSCAPED AREA, OR MEDIAN STRIP WHEREIN THEY LIE.

SCHEDULED TO BE LANDSCAPED.

EASEMENT, ARE TO BE FULLY SODDED

BE REQUIRED PRIOR TO A CERTIFICATE OF OCCUPANCY BEING ISSUED. 13. ALL SPOT ELEVATIONS ARE TO BOTTOM OF CURB, EDGE OF SIDEWALK, OR GRATE/THROAT OF STRUCTURE

SUITABLE SOILS. REPORT BY SUMMIT ENGINEERING, LABORATORY AND TESTING, INC, DATED 02/04/2022.

LEGEND - EXISTING

350 INDEX CONTOUR 352 INTERMEDIATE CONTOUR EDGE OF PAVEMENT **CURB AND GUTTER** PROPERTY LINE WATER LINE SANITARY SEWER

STORM SEWER OVERHEAD ELECTRIC COMMUNICATION SERVICE HANDICAP SYMBOL TRAFFIC CONTROL BOX TRAFFIC SIGNAL

BENCHMARK UTILITY POLE SIGN ELECTRIC BOX

CURB DRAIN INLET (CDI)/DRAIN INLET (DI) STORM DRAIN MANHOLE (SDMH) SANITARY SEWER MANHOLE (SMH) WATER VALVE & BACK PREVENTER VALVE

FIRE HYDRANT (HYD.) STREET LIGHT/LAMP JUNCTION BOX TREE TRUNK ○ 18" OAK CONCRETE

PROPOSED LEGEND

FLARED END SECTION

PROPERTY LINE

— 350 — INDEX CONTOUR - 352 INTERMEDIATE CONTOUR

PROPOSED SD (STORM DRAIN)

FLOW LINE **EROSION CONTROL MAT**

XXX.XX' PROPOSED SPOT ELEVATION ME: XXX.XX' MATCH EXISTING SPOT ELEVATION

ADA PATH

STORE OR BLDG NO.:

VERSION OR PROJECT ID: DGNR. KTD

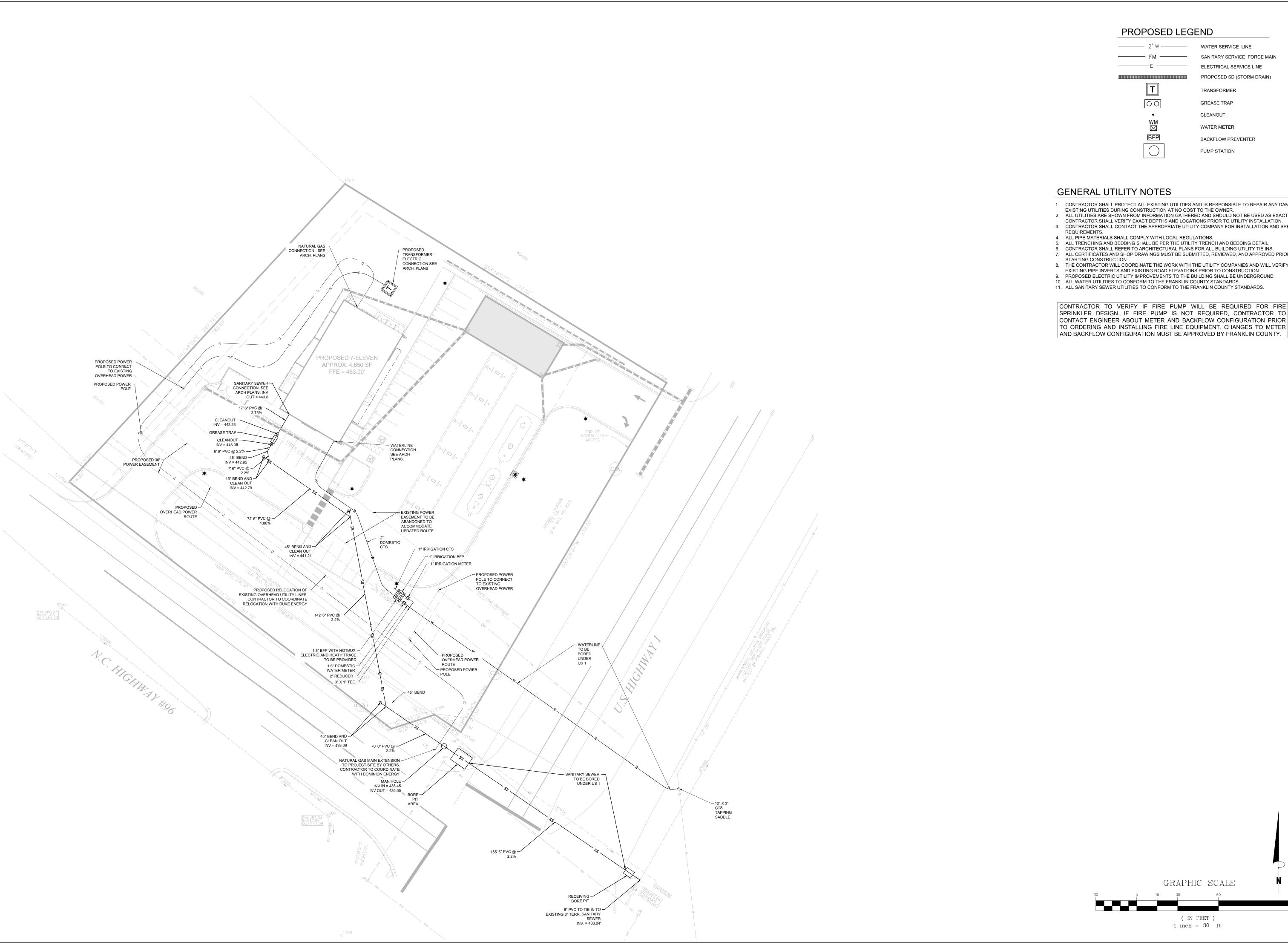
PM./DP. PNL RVWR. PNL/BJS ISSUE DATE: 09/13/2022

NW CORNER OF NC HIGHWAY #96 AND US HIGHWAY #1

GRADING AND DRAINAGE PLAN

DRWG. NO. C4.0

GRAPHIC SCALE (IN FEET) 1 inch = 30 ft.



———— 2"W ———— WATER SERVICE LINE SANITARY SERVICE FORCE MAIN ELECTRICAL SERVICE LINE PROPOSED SD (STORM DRAIN) TRANSFORMER GREASE TRAP CLEANOUT WATER METER

BACKFLOW PREVENTER

PUMP STATION

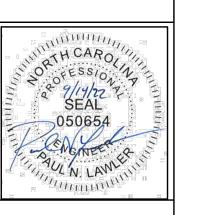
1. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND IS RESPONSIBLE TO REPAIR ANY DAMAGE TO

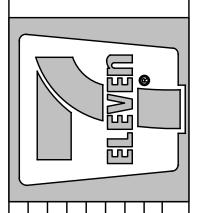
- EXISTING UTILITIES DURING CONSTRUCTION AT NO COST TO THE OWNER.

 2. ALL UTILITIES ARE SHOWN FROM INFORMATION GATHERED AND SHOULD NOT BE USED AS EXACT.
- 3. CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY FOR INSTALLATION AND SPECIFICATION
- 6. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ALL BUILDING UTILITY TIE INS.
- 7. ALL CERTIFICATES AND SHOP DRAWINGS MUST BE SUBMITTED, REVIEWED, AND APPROVED PRIOR TO STARTING CONSTRUCTION.
- 8. THE CONTRACTOR WILL COORDINATE THE WORK WITH THE UTILITY COMPANIES AND WILL VERIFY ALL
- EXISTING PIPE INVERTS AND EXISTING ROAD ELEVATIONS PRIOR TO CONSTRUCTION.
- 11. ALL SANITARY SEWER UTILITIES TO CONFORM TO THE FRANKLIN COUNTY STANDARDS.

SPRINKLER DESIGN. IF FIRE PUMP IS NOT REQUIRED, CONTRACTOR TO CONTACT ENGINEER ABOUT METER AND BACKFLOW CONFIGURATION PRIOR TO ORDERING AND INSTALLING FIRE LINE EQUIPMENT. CHANGES TO METER AND BACKFLOW CONFIGURATION MUST BE APPROVED BY FRANKLIN COUNTY.







STORE OR BLDG NO.:

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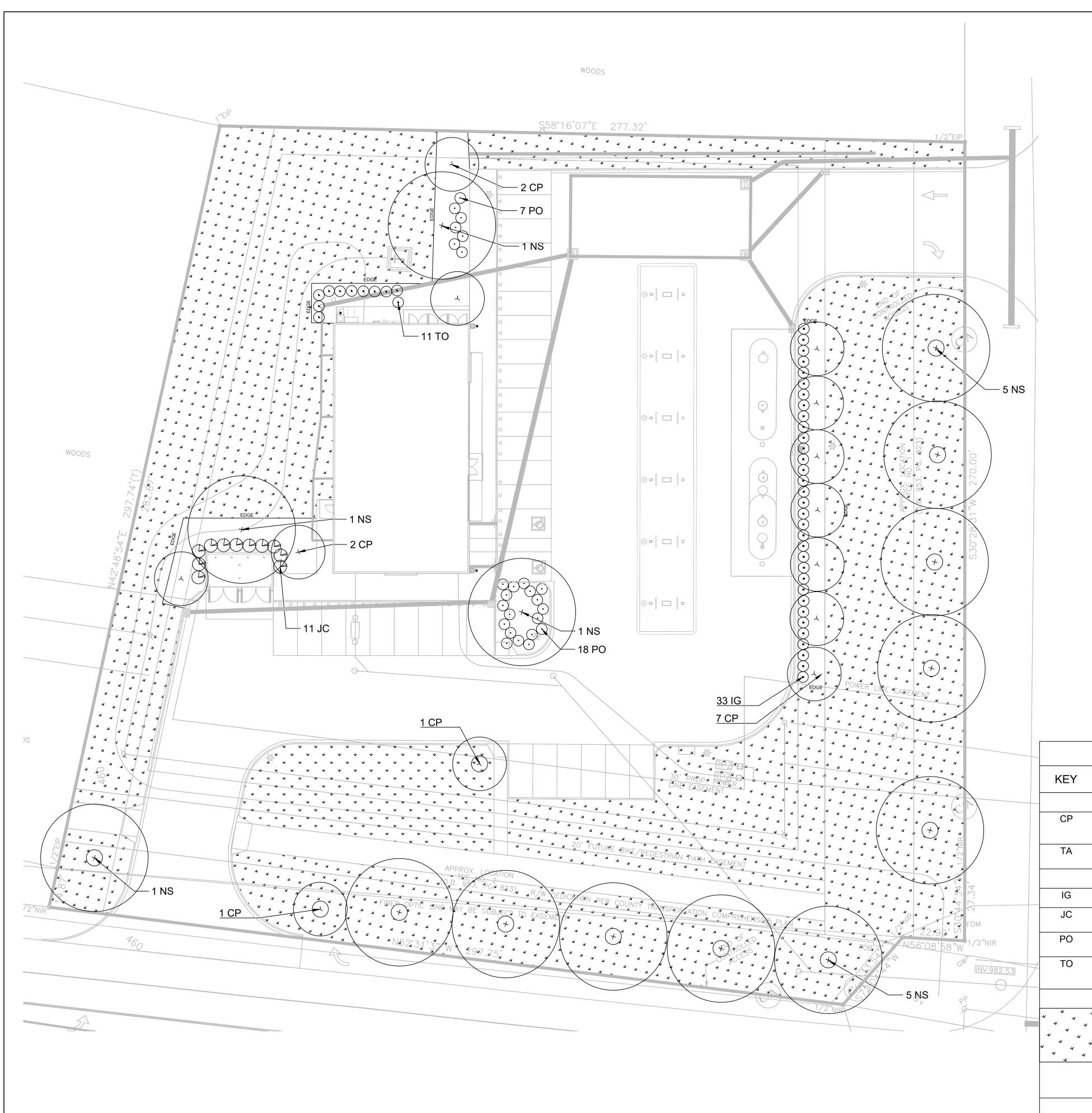
PM./DP. PNL RVWR. PNL/BJS ISSUE DATE: 09/13/2022

ADDRESS

NW CORNER OF NC HIGHWAY #96 AND US HIGHWAY #1

UTILITY PLAN

DRWG. NO. C5.0



LANDSCAPE REQUIREMENTS

STREET YARD BUFFER

CANOPY TREES PLANTED MAX. 40' APART OR UNDERSTORY TREES PLANTED MAX. 30' APART PROVIDED: 11 CANOPY TREES AND 1 UNDERSTORY TREE

PARKING LOT LANDSCAPING PER 20 PARKING SPACES, 1 CANOPY AND 2 UNDERSTORY TREES TOTAL OF 31 PARKING SPACES ON SITE

PROVIDED: 2 CANOPY TREES AND 5 UNDERSTORY TREES PLEASE NOTE, THE 6 PARKING SPACE ON THE SOUTHERN SIDE OF THE PARCEL ARE ADJACENT TO A POWER LINE EASEMENT. ONE UNDERSTORY TREE WAS PROVIDED AT THAT LOCATION TO MEET THE 50' MINIMUM DISTANCE BETWEEN PARKING SPACES AND PARKING LOT TREE. IT IS WITHIN THE BORDER ZONE OF THE POWER LINE EASEMENT.

SCREENING TRASH COLLECTION PROVIDED: 11 EVERGREEN SHRUBS MECHANICAL EQUIPMENT PROVIDED: 11 EVERGREEN SHRUBS

IRRIGATION CONCEPT

- 1. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL BY THE TIME OF FINAL INSPECTION. THE ENTIRE IRRIGATION SYSTEM SHALL BE INSTALLED BY A LICENSED AND QUALIFIED IRRIGATION CONTRACTOR.
- 2. THE IRRIGATION SYSTEM WILL OPERATE ON POTABLE WATER, AND THE SYSTEM WILL HAVE APPROPRIATE BACKFLOW PREVENTION DEVICES INSTALLED TO PREVENT CONTAMINATION OF THE POTABLE SOURCE.
- 3. ALL NON-TURF PLANTED AREAS SHALL BE DRIP IRRIGATED. SODDED AND SEEDED AREAS SHALL BE IRRIGATED WITH SPRAY OR ROTOR HEADS AT 100% HEAD-TO-HEAD COVERAGE.
- 4. ALL PLANTS SHARING SIMILAR HYDROZONE CHARACTERISTICS SHALL BE PLACED ON A VALVE DEDICATED TO PROVIDE THE NECESSARY WATER REQUIREMENTS SPECIFIC TO THAT HYDROZONE.
- 5. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED, TO THE MAXIMUM EXTENT POSSIBLE, TO CONSERVE WATER BY USING THE FOLLOWING DEVICES AND SYSTEMS: MATCHED PRECIPITATION RATE TECHNOLOGY ON ROTOR AND SPRAY HEADS (WHEREVER POSSIBLE), RAIN SENSORS, AND MULTI-PROGRAM COMPUTERIZED IRRIGATION CONTROLLERS FEATURING SENSORY INPUT CAPABILITIES.

ROOT BARRIERS

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR "DEEP-ROOT" 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER MANUFACTURER'S RECOMMENDATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

MULCHES

AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 3" THICK LAYER OF 1-1/2" SHREDDED WOOD MULCH, NATURAL (UNDYED), OVER LANDSCAPE FABRIC IN ALL PLANTING AREAS (EXCEPT FOR TURF AND SEEDED AREAS). CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED (SUBJECT TO THE CONDITIONS AND REQUIREMENTS OF THE "GENERAL GRADING AND PLANTING NOTES" AND SPECIFICATIONS).

LEGEND

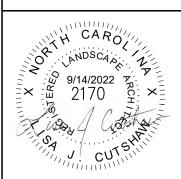
EDGE

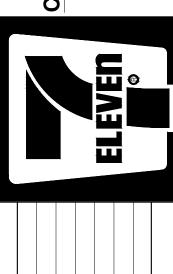
METAL EDGE: SEE SPECIFICATIONS

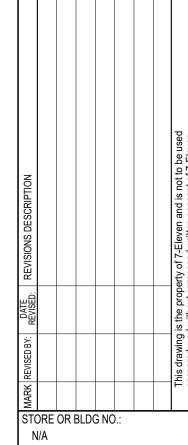
		PL	ANT SCHEDULE					
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	NOTES		
	<u> </u>		TREES	L				
СР	13	CRATAEGUS PHAENOPYRUM 'PRINCETON SENTRY'	WASHINGTON HAWTHORN	1" CAL.	PER PLAN	SPECIMEN, MIN. 6' HEIGHT		
TA	14	TILIA AMERICANA	BASSWOOD	2" CAL.	PER PLAN	SPECIMEN, MIN. 8' HEIGHT		
SHRUBS								
IG	33	ILEX GLABRA 'GEM BOX'	INKBERRY	3 GAL.	4' O.C.			
JC	11	JUNIPERUS CHINENSIS 'BLUE POINT'	JUNIPER	3 GAL.	5' O.C.			
РО	25	PHYSOCARPUS OPULIFOLIUS 'TINY WINE'	NINEBARK	3 GAL.	4' O.C.			
ТО	11	THUJA OCCIDENTALIS 'SMARAGD'	EMERALD GREEN ARBORVITAE	5 GAL.	4' O.C.			
			GROUNDCOVER	I				
*	47,518 SF	SOD: TIFWAY 419	LAWN	SOD				
	5,373 SF	MULCH: SHREDDED HARDWOOD				3" DEPTH; ALL PLANTING BEDS EXCEPT LAWN		



DESIGN GROUP of north carolina, pllc www.EvergreenDesignGroup.com







VERSION OR PROJECT ID: DESIGN TEAM DGNR. KTD PM./DP. PNL RVWR. PNL/BJS ISSUE DATE: XX/XX/XXXX

SHEET TITLE

NW CORNER OF NC HIGHWAY #96 AND US HIGHWAY #1

ADDRESS

LANDSCAPE PLANTING

DRWG. NO. LP-1