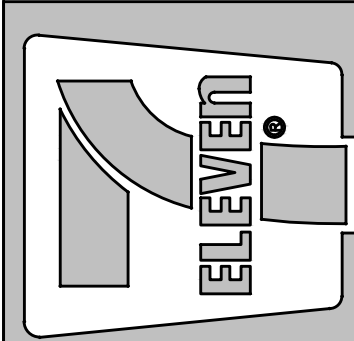
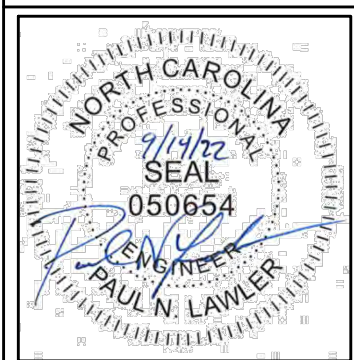
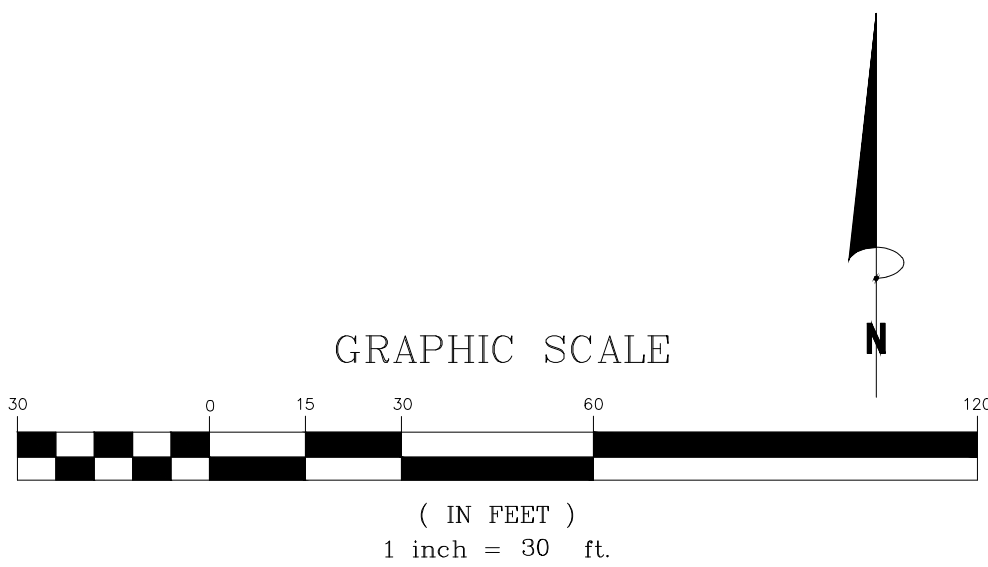


Key	Dimension Element	7-Eleven Standard	"The Site"
A	Center of bollard to center of dispenser	62'	62'
B	Center of dispenser to edge of front curb with tanks	47'	47'
C	Center of dispenser to edge of front curb without tanks	39'	N/A
D	Edge of dispenser to side curb with tanks	54'	N/A
E	Edge of dispenser 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
H	Drive aisle width between the face of dispenser (in starting gate position)	21'-3"	21'-3"
I	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)	6	6
	Parking without restaurant	25	31
	Parking with restaurant	40	N/A

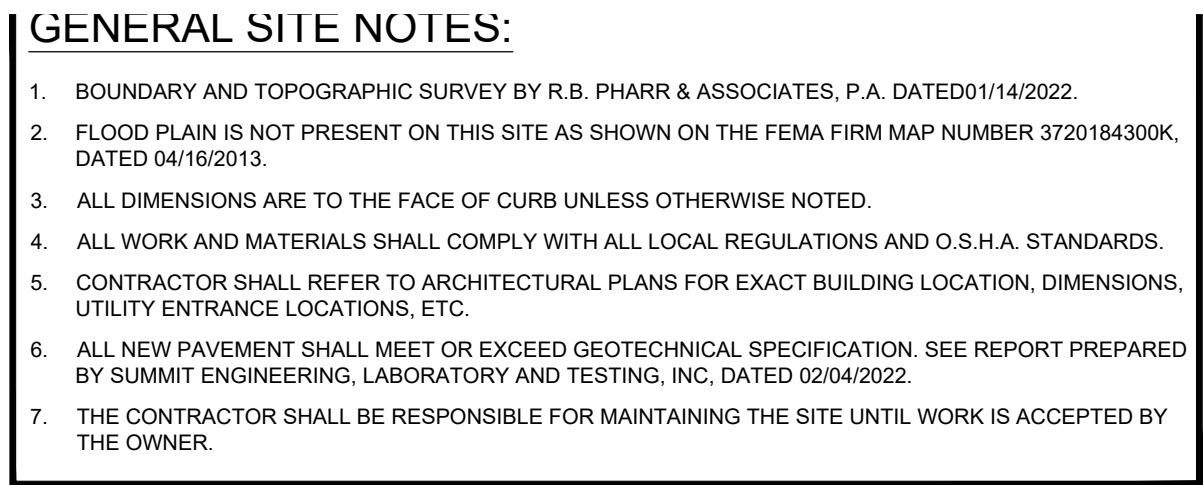
	KEY NOTES
1	FUEL CANOPY, REFER TO ARCH PLANS FOR DETAILS
2	UNDERGROUND FUEL STORAGE TANKS, REFER TO FUEL SYSTEM PLANS FOR DETAILS
3	DUMPSTER ENCLOSURE, REFER TO ARCH PLANS FOR DETAILS
4	ADA PARKING SIGN, SEE SHEET C7.1 FOR DETAIL
5	ADA PARKING AREA
6	NCDOT STANDARD ADA RAMP W/ ADA DETECTABLE WARNING 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

[illegible]





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STORE OR BLDG NO.: N/A
VERSION OR PROJECT ID: N/A
DESIGN TEAM
DGNR. KTD
PM/DP. PNL
RVWR. PNL/BJS
ISSUE DATE: 09/13/2022
ADDRESS  NW CORNER OF NC HIGHWAY #36 AND US HIGHWAY #1

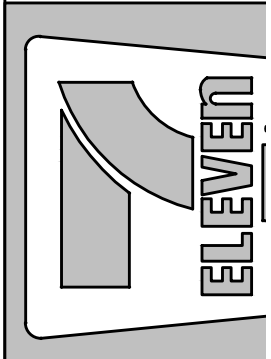
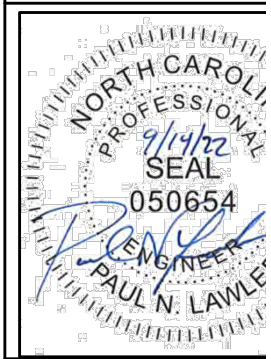
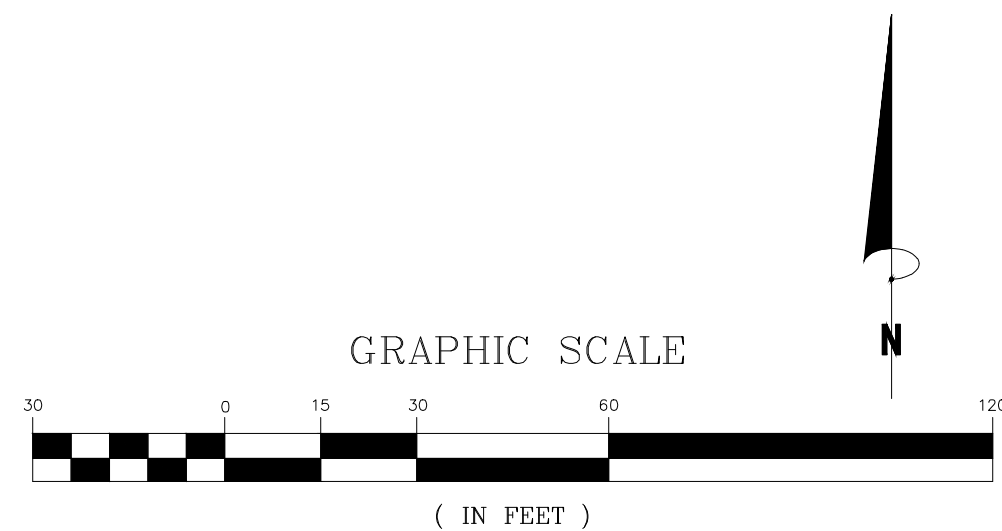




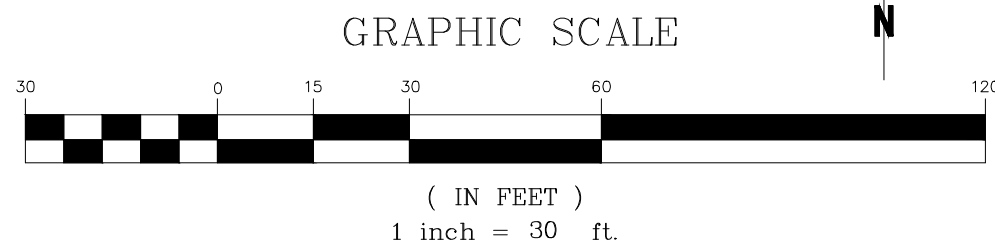
## SITE LEGEND:

	STANDARD DUTY STRENGTH CONCRETE PAVEMENT
	HEAVY DUTY STRENGTH CONCRETE PAVEMENT
	NORMAL STRENGTH ASPHALT PAVEMENT
	ASPHALT BIKE/PEDESTRIAN PATH

<div style="display: flex; align-items: center; justify-content: center;"> <h2 style="margin: 0;">KEY NOTES</h2> </div>	
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
16	ASPHALT PATHWAY - SEE SHEET C6.4

[illegible]





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 ALL APPLICABLE CITY ORDINANCES AND STATE REQUIREMENTS.

ALL GRADES/SLOPES SHOWN ON THIS PLAN WERE DESIGNED AT OR BELOW MAXIMUMS ALLOWED BY THE 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 COMPLIANCE MANUAL, IN ORDER TO DETERMINE IF ANY CONSTRUCTION EXCEEDS MAXIMUMS OR SLOPES AS REQUIRED BY THE ACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE PROPOSED CONSTRUCTION DOES NOT EXCEED 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.

THE CONTRACTOR IS ADVISED TO CAREFULLY CHECK ALL THE PHASES OF WORK RELATING TO ADA COMPLIANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND TOLERANCE. IF 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 CONTRACTOR'S OWNERS RISK.

SINCE THE CIVIL ENGINEER OR SURVEYOR CANNOT CONTROL THE EXACT METHODS OR MEANS USED BY 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 THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND TOLERANCE. ANY VIOLATIONS WITH AMERICANS ACT ACCESSIBILITY RELATED ITEMS BY THE CITY, ANY OTHER AUTHORITY OR AFFECTED PARTIES.

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING CONSTRUCTION ACTIVITIES TO ENSURE THAT PUBLIC STREETS AND RIGHT-OF-WAYS ARE KEPT CLEAN OF MUD, DUST OR DEBRIS. DUST ABATEMENT SHALL BE INSTALLED TO PREVENT THE RELEASE OF WATER FROM THE SITE BY THE CONTRACTOR.
2. CLEAR AND GRUB WITHIN WORK LIMITS FOR ALL SURFACE VEGETATION, TREES, STUMPS, BRUSH, ROOTS, ETC. DO NOT DAMAGE OR REMOVE TREES EXCEPT AS APPROVED BY THE ENGINEER OR AS SHOWN ON THE DRAWINGS. PROTECT ALL ROOTS TWO INCHES IN DIAMETER OR LARGER.
3. STRIP WORK LIMITS, REMOVING ALL ORGANIC MATERIAL WHICH CANNOT BE COMPACTED INTO A STABLE MASS. ALL TREES, BRUSH, AND DEBRIS SHALL BE REMOVED WITH CLEARING, STRIPPING OR GRADING SHALL BE REMOVED AND DISPOSED OFF SITE BY THE CONTRACTOR.
4. IMMEDIATELY FOLLOWING FINAL GRADING OPERATIONS, COMPACT SUBGRADE TO 95% OF MAXIMUM DRY DENSITY PER ASTM D698 METHOD (MODIFIED PROCTOR). PROOF ROLLING WITH A 20-30 TON LOADED DUMPER SHALL BE SO REQUIRED.
5. ALL FILLS WITHIN PUBLIC ROW AND EASEMENTS SHALL BE ENGINEERED. ADDITIONALLY, ANY FILLS OUTSIDE OF PUBLIC ROW WHICH ARE OVER TWO (2) FEET IN DEPTH SHALL BE ENGINEERED. ENGINEERED FILLS SHALL 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 90% OF MAXIMUM DRY DENSITY.
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 TO EXISTING PAVEMENT.
7. ALL EXISTING AND CONSTRUCTED MANHOLES, CLEANOUTS, MONUMENTS, GAS VALVES, WATER VALVES, AND SIMILAR STRUCTURES SHALL BE ADJUSTED TO MATCH FINISH GRADE OF THE PAVEMENT, SIDEWALK, LANDSCAPED AREA, OR MEDIAN STRIP WHEREIN THEY LIE.
8. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, NO CUT OR FILL SLOPES SHALL BE CONSTRUCTED STEEPER THAN 3:1.
9. CONTRACTOR SHALL HYDROSEAL ALL EXPOSED SLOPES AND DISTURBED AREAS WHICH ARE NOT SCHEDULED TO BE LANDSCAPED.
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 EASEMENTS ARE TO BE LANDSCAPED.
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 BE REQUIRED PRIOR TO A CERTIFICATE OF OCCUPANCY BE ISSUED.
13. ALL SPOT ELEVATIONS ARE TO BOTTOM OF CURB, EDGE OF SIDEWALK, OR GRATE/THROAT OF STRUCTURE, UNLESS NOTED OTHERWISE.
14. THE CONTRACTOR SHALL REFERENCE THE GEOGRAPHICAL REPORT FOR DENSITY SPECIFICATIONS AND SUITABLE SOILS. REPORT BY SUMMIT ENGINEERING, LABORATORY AND TESTING, INC. DATED 02/04/2022.

	INDEX CONTOUR
	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
	CONCRETE
	FLARED END SECTION

PROPERTY LINE

350 INDEX CONTOUR

352 INTERMEDIATE CONTOUR

CURB

PROPOSED SD (STORM DRAIN)

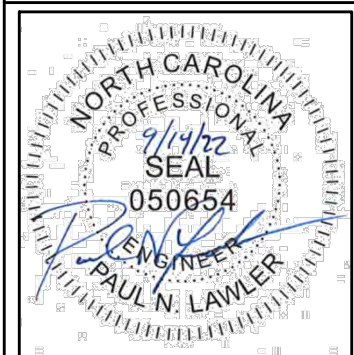
FLOW LINE

EROSION CONTROL MAT

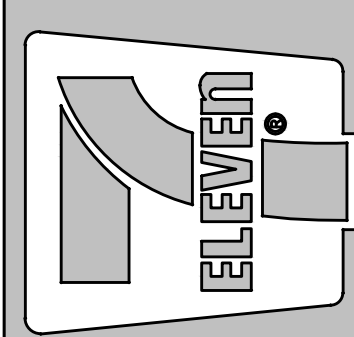
XXX.XX' PROPOSED SPOT ELEVATION

ME: XXX.XX' MATCH EXISTING SPOT ELEVATION

ADA PATH



**Creighton Companies, LLC**  
**7-Eleven**  
YOUNGSVILLE, NC  
FRANKLIN COUNTY

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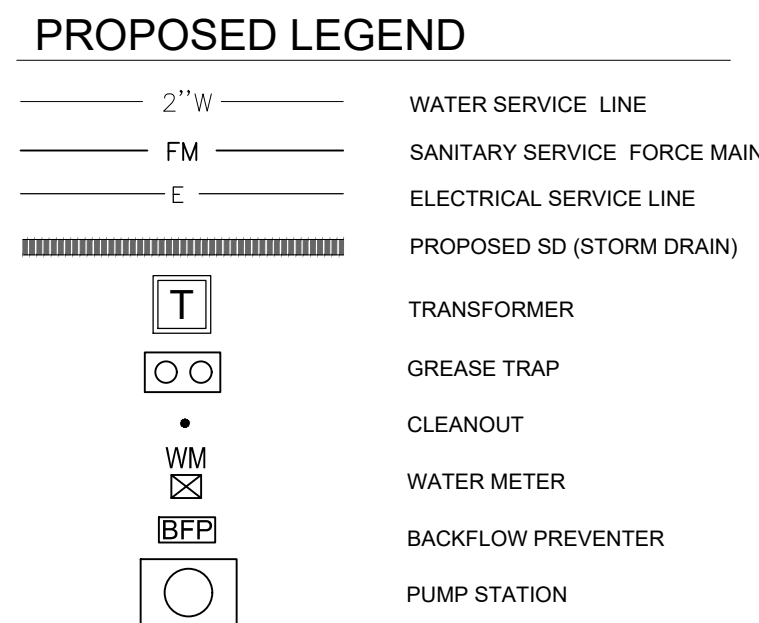
STORE OR BLDG NO.:	N/A
VERSION OR PROJECT ID:	N/A
DESIGN TEAM	
DGNR. KTD	
PM/DP. PNL	
RVWR. PNL/BS	
ISSUE DATE: 09/13/2022	
ADDRESS	
	NW CORNER OF NC HIGHWAY #96 AND US HIGHWAY #1

SHEET TITLE

GRADING  
AND  
DRAINAGE  
PLAN

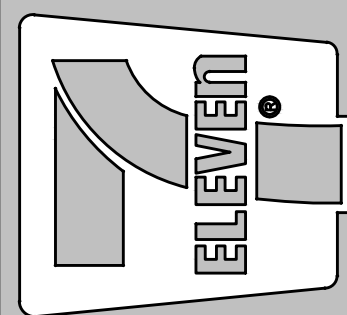
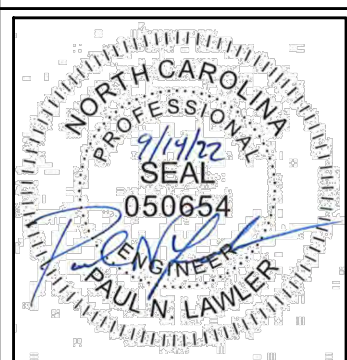
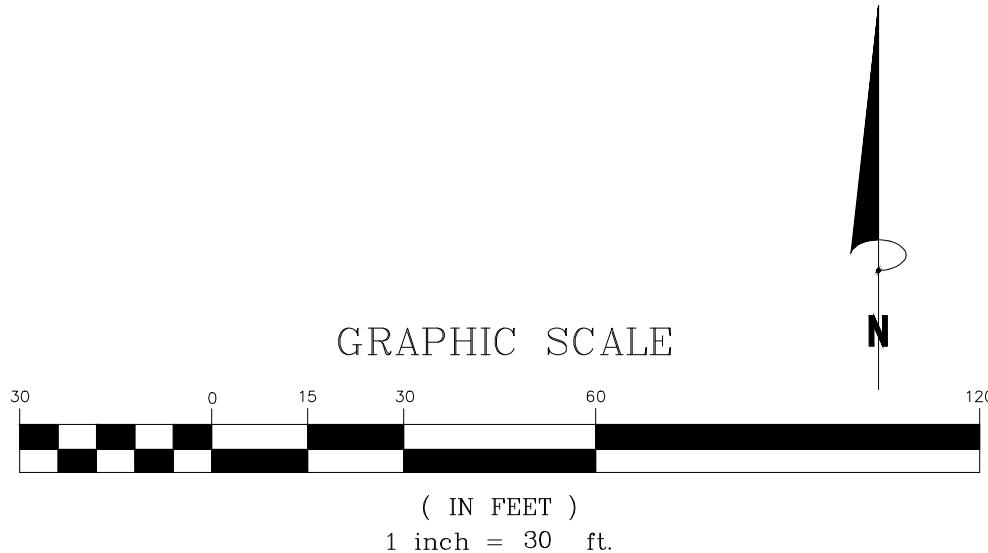
DRWG. NO. C4.0





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 PRIOR TO UTILITY INSTALLATION.
4. CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY FOR INSTALLATION AND SPECIFICATION REQUIREMENTS.
5. ALL PIPE MATERIALS SHALL COMPLY WITH LOCAL REGULATIONS.
6. ALL TRENCHING AND BEDDING SHALL BE PER THE UTILITY TRENCH AND BEDDING DETAIL.
7. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ALL BUILDING UTILITY TIE INS.
8. ALL CERTIFICATES AND SHOP DRAWINGS MUST BE SUBMITTED, REVIEWED, AND APPROVED PRIOR TO STARTING CONSTRUCTION.
9. THE CONTRACTOR WILL COORDINATE THE WORK WITH THE UTILITY COMPANIES AND WILL VERIFY ALL EXISTING PIPE INVERTS AND EXISTING ROAD ELEVATIONS PRIOR TO CONSTRUCTION.
10. PROPOSED ELECTRIC UTILITY IMPROVEMENTS TO THE BUILDING SHALL BE UNDERGROUND.
11. ALL SANITARY SEWER UTILITIES TO CONFORM TO THE FRANKLIN COUNTY STANDARDS.

CONTRACTOR TO VERIFY IF FIRE PUMP WILL BE REQUIRED FOR FIRE 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.



DATE REVISED	MARK REUSED BY	REVISIONS DESCRIPTION
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STORE OR BLDG NO.:	N/A
VERSION OR PROJECT ID:	N/A
DESIGN TEAM	
DGMR. KTD	
PM/DP. PNL	
RVWR. PNL/BJS	
ISSUE DATE: 09/13/2022	
ADDRESS	
NW CORNER OF NC HIGHWAY #96 AND US HIGHWAY #1	



DRWG. NO. LP-1