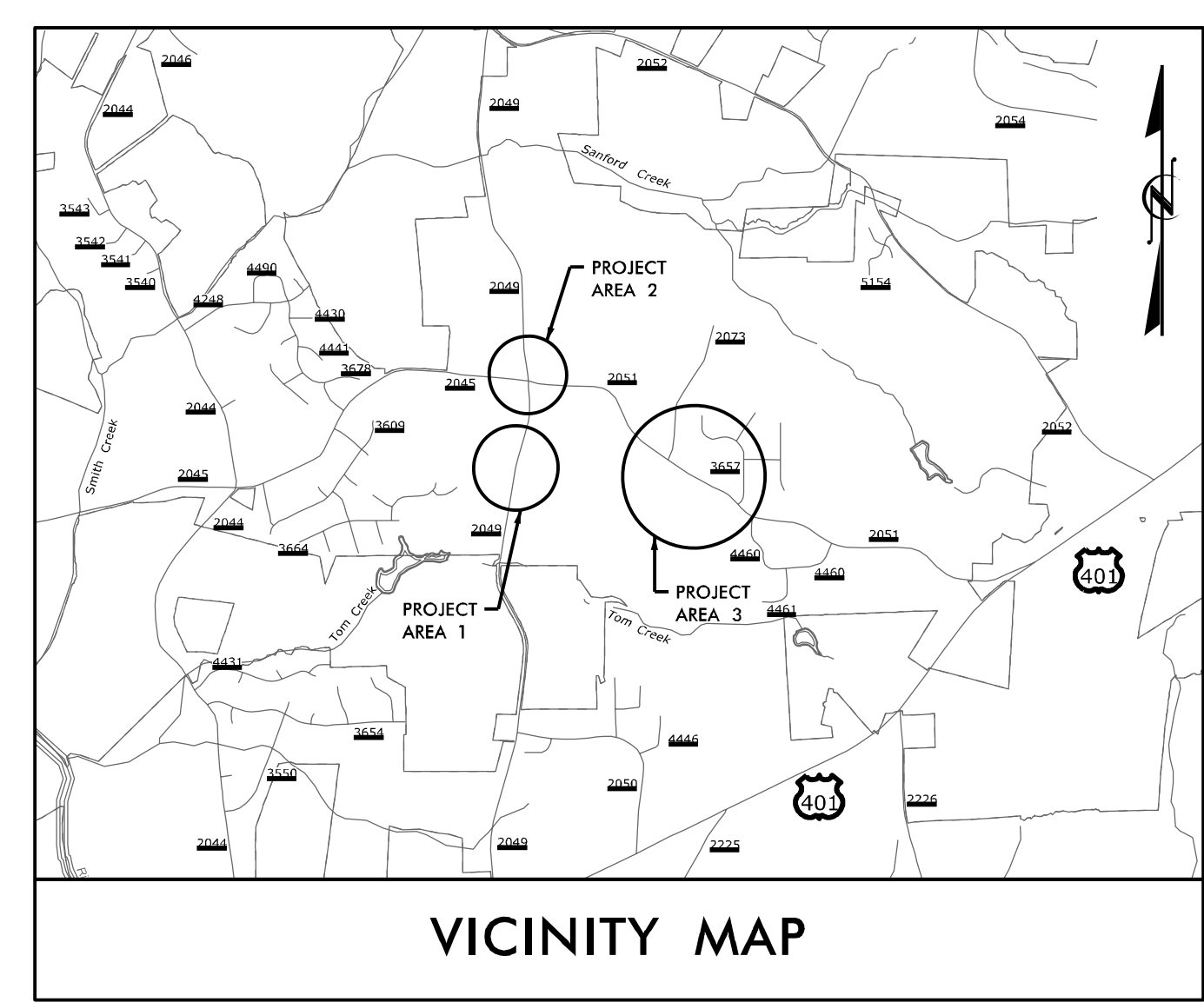


DESIGNED BY: R. MANK	DATE
REVIEWED BY: E. LYNCH	INIT.
DATE: 03/28/24	REVISIONS
SCALE:	

ROADWAY CONSTRUCTION PLANS FOR PEARCE FARM ROADWAY IMPROVEMENTS

SR 2049 (FORESTVILLE ROAD) AND SR 2045/SR 2051 (BURLINGTON MILLS ROAD)
ROLESVILLE, NORTH CAROLINA



75% PLANS (PARTIAL SET)

CLIENT

Ammons Development Group
PO Box 97487
Raleigh, NC 27624
919-845-6415
Attn: Drew Ammons

SURVEYOR

Bass, Nixon & Kennedy, Inc.
6310 Chapel Hill Rd, Suite 250
Raleigh, NC 27604
919-851-4422
Attn: Dan Gregory, PLS

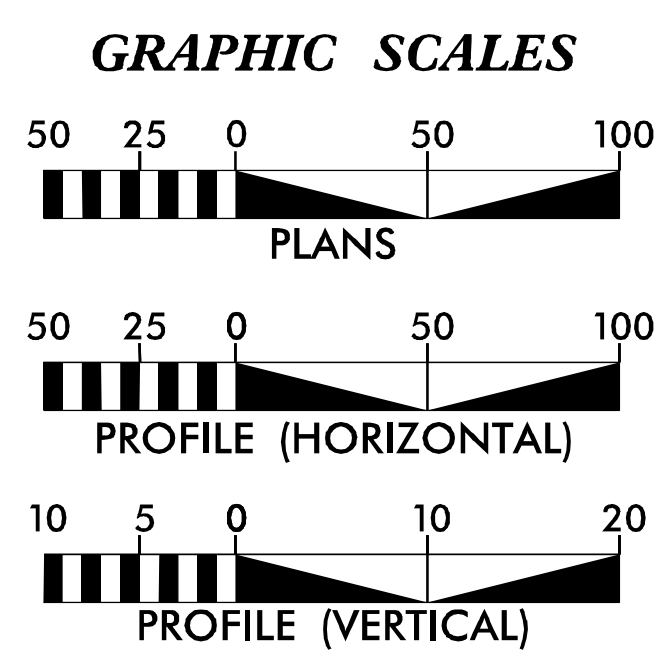
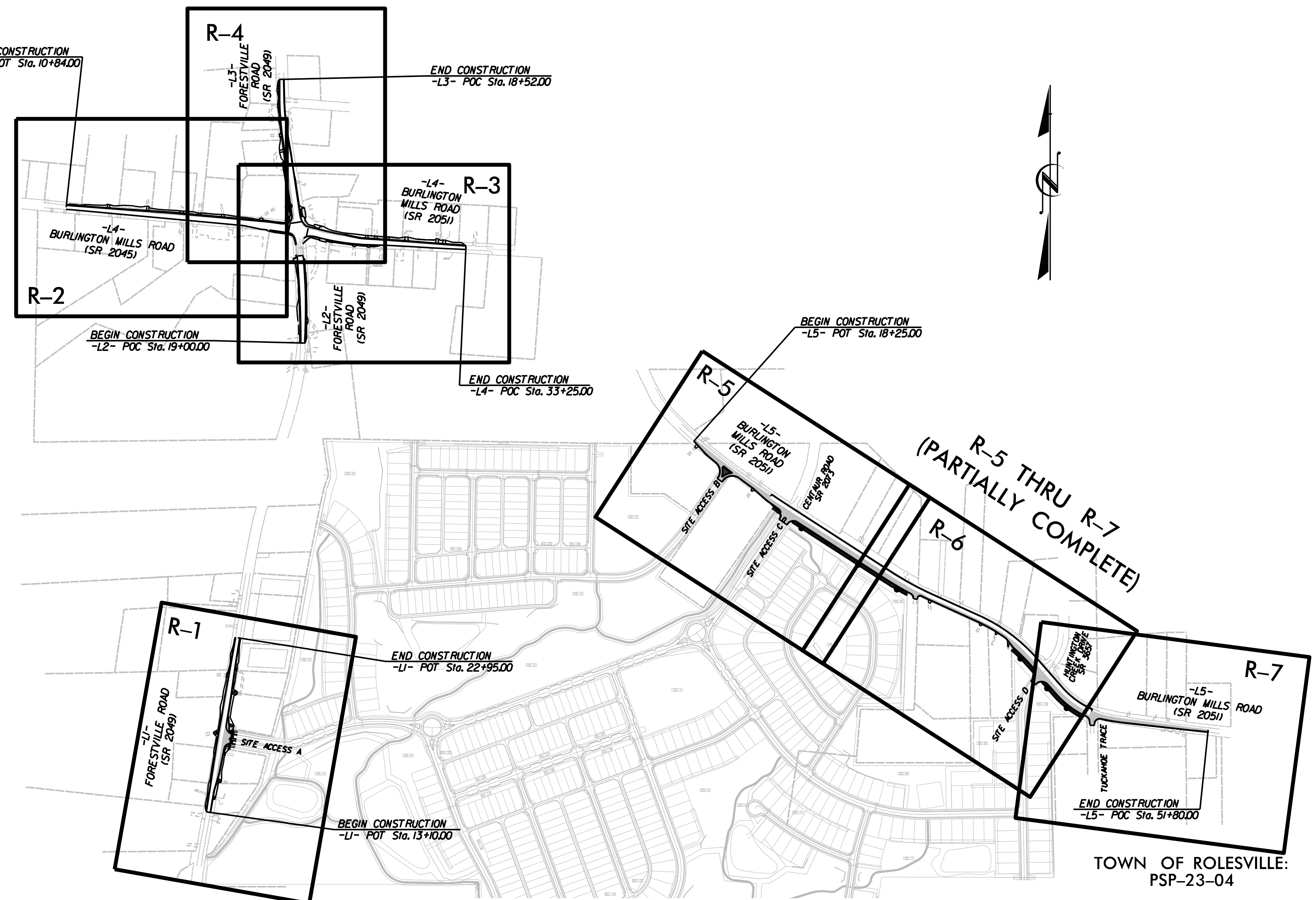
SITE ENGINEER

McAdams
2905 Meridian Parkway
Durham, NC 27713
919-475-6439
Attn: Todd O'Daniel, PE

ROADWAY ENGINEER

Exult Engineering
24 Cabarrus Avenue East, Suite 3000
Concord, NC 28025
980-495-2249
Attn: Elizabeth Lynch, PE

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	CONVENTIONAL SYMBOLS
3	PROJECT NOTES
5A thru 5C	DETAILS
EX-1 thru EX-7	EXISTING CONDITIONS SHEETS
R-1 thru R-7	PLAN SHEETS
R-8 thru R-12	PROFILE SHEETS
X-1 thru X-28	ROADWAY CROSS SECTIONS



NOTE: PLANS ARE BEING REVIEWED BY TOWN OF ROLESVILLE. PLANS AND CALCULATIONS ARE BEING REVIEWED BY WAKE COUNTY FOR EROSION AND SEDIMENTATION CONTROL.

I. All public facilities, including utilities, sidewalks, and handicap ramps, are to be constructed on all streets as specified by NCDOT, Town of Rolesville and Town of Wake Forest standards. Such facilities approved by the Town of Wake Forest shall be installed as approved, unless a change is approved by the Town of Wake Forest.

II. Execution of these Construction Plans by the review engineer for the Town of Wake Forest in no way limits the responsibility of the owner and engineer of record with regard to compliance with all federal, state, and local standards and/or conditions.

III. Owner hereby certifies and agrees to take such action as may be required by the Town of Wake Forest to correct any errors, omissions, or noncompliance with Town standards and/or conditions described in these Construction Plans, including resubmission or re-execution of these Construction Plans with the appropriate corrections and/or revisions.

Owner _____ Date _____

CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION

Electronic Approval: This approval is being issued electronically. This approval is valid upon the signature of a City of Raleigh Review Officer below. The City will retain a copy of the approved plans. Any work authorized by this approval must proceed in accordance with the plans kept on file with the City. This electronic approval may not be edited once issued. Any modification of this approval once issued will invalidate this approval.

City of Raleigh Development Approval: _____

Raleigh Water Review Officer: _____

These plans have been electronically approved for construction by the Town of Wake Forest Public Works and Engineering Departments. This approval may not be altered once issued.

Public Works/Engineering _____

These plans have been electronically approved for construction by the Town of Wake Forest Planning Department. This approval may not be altered once issued.

Planning _____

3/29/2024 \$TIME\$ \$USER\$ Z:\shared\0 Projects\4 Roadway\0103002 Pearce Farm Roadway and Signal Design\10 CAD\Roadway\Proj\Pearce Farm\rdy_01_tsh.dgn

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale *S.U.E. = *Subsurface Utility Engineering*

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○
Computed Property Corner	⊗
Property Monument	□
Parcel/Sequence Number	②③
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	WLB
Proposed Wetland Boundary	WLB
Existing Endangered Animal Boundary	EAB
Existing Endangered Plant Boundary	EPB
Existing Historic Property Boundary	HPB
Known Contamination Area: Soil	☠-s-☠
Potential Contamination Area: Soil	☠-s-☠
Known Contamination Area: Water	☠-w-☠
Potential Contamination Area: Water	☠-w-☠
Contaminated Site: Known or Potential	☠☠

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○
Well	⊕
Small Mine	⊗
Foundation	□
Area Outline	□
Cemetery	+
Building	□
School	□
Church	⊕
Dam	⊕

HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	-----
Jurisdictional Stream	JS
Buffer Zone 1	BZ 1
Buffer Zone 2	BZ 2
Flow Arrow	←
Disappearing Stream	-----
Spring	○
Wetland	⊕
Proposed Lateral, Tail, Head Ditch	-----
False Sump	▽

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○
Switch	□
RR Abandoned	-----
RR Dismantled	-----

RIGHT OF WAY & PROJECT CONTROL:

Secondary Horiz and Vert Control Point	◆
Primary Horiz Control Point	○
Primary Horiz and Vert Control Point	●
Exist Permanent Easement Pin and Cap	◇
New Permanent Easement Pin and Cap	◆
Vertical Benchmark	⊕
Existing Right of Way Marker	△
Existing Right of Way Line	-----
New Right of Way Line	-----
New Right of Way Line with Pin and Cap	-----
New Right of Way Line with Concrete or Granite RW Marker	-----
New Control of Access Line with Concrete CA Marker	-----
Existing Control of Access	-----
New Control of Access	-----
Existing Easement Line	-----
New Temporary Construction Easement	-----
New Temporary Drainage Easement	-----
New Permanent Drainage Easement	-----
New Permanent Drainage / Utility Easement	-----
New Permanent Utility Easement	-----
New Temporary Utility Easement	-----
New Aerial Utility Easement	-----

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-----
Proposed Slope Stakes Fill	-----
Proposed Curb Ramp	-----
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	⊕
Pavement Removal	⊗

VEGETATION:

Single Tree	☼
Single Shrub	☼

Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	-----

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	-----
Bridge Wing Wall, Head Wall and End Wall	-----
MINOR:	
Head and End Wall	-----
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	-----
Paved Ditch Gutter	-----
Storm Sewer Manhole	-----
Storm Sewer	-----

UTILITIES:

POWER:	
Existing Power Pole	●
Proposed Power Pole	○
Existing Joint Use Pole	●
Proposed Joint Use Pole	○
Power Manhole	⊕
Power Line Tower	⊗
Power Transformer	⊗
U/G Power Cable Hand Hole	-----
H-Frame Pole	-----
U/G Power Line LOS B (S.U.E.*)	-----
U/G Power Line LOS C (S.U.E.*)	-----
U/G Power Line LOS D (S.U.E.*)	-----

TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊕
Telephone Pedestal	⊕
Telephone Cell Tower	⊕
U/G Telephone Cable Hand Hole	-----
U/G Telephone Cable LOS B (S.U.E.*)	-----
U/G Telephone Cable LOS C (S.U.E.*)	-----
U/G Telephone Cable LOS D (S.U.E.*)	-----
U/G Telephone Conduit LOS B (S.U.E.*)	-----
U/G Telephone Conduit LOS C (S.U.E.*)	-----
U/G Telephone Conduit LOS D (S.U.E.*)	-----
U/G Fiber Optics Cable LOS B (S.U.E.*)	-----
U/G Fiber Optics Cable LOS C (S.U.E.*)	-----
U/G Fiber Optics Cable LOS D (S.U.E.*)	-----

WATER:

Water Manhole	⊕
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
U/G Water Line LOS B (S.U.E.*)	-----
U/G Water Line LOS C (S.U.E.*)	-----
U/G Water Line LOS D (S.U.E.*)	-----
Above Ground Water Line	-----
TV:	
TV Pedestal	⊕
TV Tower	⊗
U/G TV Cable Hand Hole	-----
U/G TV Cable LOS B (S.U.E.*)	-----
U/G TV Cable LOS C (S.U.E.*)	-----
U/G TV Cable LOS D (S.U.E.*)	-----
U/G Fiber Optic Cable LOS B (S.U.E.*)	-----
U/G Fiber Optic Cable LOS C (S.U.E.*)	-----
U/G Fiber Optic Cable LOS D (S.U.E.*)	-----

GAS:

Gas Valve	◇
Gas Meter	⊕
U/G Gas Line LOS B (S.U.E.*)	-----
U/G Gas Line LOS C (S.U.E.*)	-----
U/G Gas Line LOS D (S.U.E.*)	-----
Above Ground Gas Line	-----
SANITARY SEWER:	
Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	-----
Above Ground Sanitary Sewer	-----
SS Forced Main Line LOS B (S.U.E.*)	-----
SS Forced Main Line LOS C (S.U.E.*)	-----
SS Forced Main Line LOS D (S.U.E.*)	-----

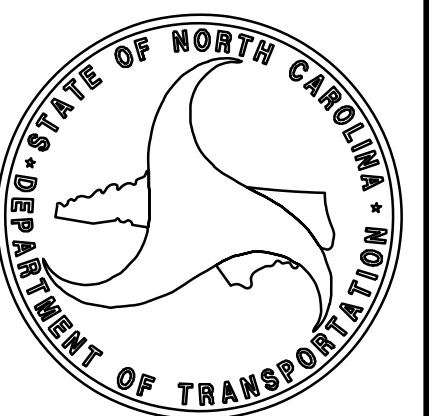
MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊕
Utility Unknown U/G Line LOS B (S.U.E.*)	-----
U/G Tank; Water, Gas, Oil	⊕
Underground Storage Tank, Approx. Loc.	⊕
A/G Tank; Water, Gas, Oil	⊕
Geoenvironmental Boring	⊕
U/G Test Hole LOS A (S.U.E.*)	⊕
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

EXULT
 ENGINEERING
 NC License #C-4445
 304-F.W. Millbrook Rd
 Raleigh, NC 27609
 Tel: (984) 500-5426

PEARCE FARM
ROADWAY IMPROVEMENTS
ROLESVILLE, NORTH CAROLINA

CONVENTIONAL SYMBOLS



DESIGNED BY: R. MANK	DATE
REVIEWED BY: E. LYNCH	INIT.
DATE: 03/28/24	REVISIONS
SCALE:	

SHEET NO.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
200.02	Method of Clearing - Method II
225.02	Guide for Grading Subgrade - Secondary and Local
225.04	Method of Obtaining Superelevation - Two Lane Pavement
225.06	Method of Grading Sight Distance at Intersections
300.01	Method of Pipe Installation
310.02	Parallel Pipe End Section - Precast Concrete Section for 15" to 24" Pipe
310.03	Cross Pipe End Section - Precast Concrete Section for 18" to 30" Pipe
310.10	Driveway Pipe Construction
560.01	Method of Shoulder Construction - High Side of Superelevated Curve - Method I
654.01	Pavement Repairs
700.05	Tying Proposed Pavement to Existing
838.01	Concrete Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90 Skew
840.00	Concrete Base Pad for Drainage Structures
840.01	Brick Catch Basin - 12" thru 54" Pipe
840.02	Concrete Catch Basin - 12" thru 54" Pipe
840.03	Frame, Grates and Hood - for Use on Standard Catch Basin
840.04	Concrete Open Throat Catch Basin - 12" thru 48" Pipe
840.05	Brick Open Throat Catch Basin - 12" thru 48" Pipe
840.14	Concrete Drop Inlet - 12" thru 30" Pipe
840.15	Brick Drop Inlet - 12" thru 30" Pipe
840.16	Drop Inlet Frame and Grates - for use with Std. Dwg 840.14 and 840.15
840.17	Concrete Grated Drop Inlet Type 'A' - 12" thru 72" Pipe
840.18	Concrete Grated Drop Inlet Type 'B' - 12" thru 36" Pipe
840.19	Concrete Grated Drop Inlet Type 'D' - 12" thru 36" Pipe
840.31	Concrete Junction Box - 12" thru 66" Pipe
840.32	Brick Junction Box - 12" thru 66" Pipe
840.34	Traffic Bearing Junction Box - for Use with Pipes 42" and Under
840.35	Traffic Bearing Grated Drop Inlet - for Cast Iron Double Frame and Grates
840.36	Traffic Bearing Grated Drop Inlet - for Steel (840.37) Double Frame and Grates
840.37	Steel Grate and Frame
840.45	Precast Drainage Structure
840.46	Traffic Bearing Precast Drainage Structure
840.51	Brick Manhole - 12" thru 36" Pipe
840.52	Precast Manhole - 4', 5' and 6' Diameter
840.54	Manhole Frame and Cover
840.66	Drainage Structure Steps
840.71	Concrete and Brick Pipe Plug
840.72	Pipe Collar
846.01	Concrete Curb, Gutter and Curb & Gutter
848.01	Concrete Sidewalk
848.02	Driveway Turnout - Radius Type
848.03	Driveway Turnout - Drop Curb Type
848.04	Street Turnout
848.05	Curb Ramp - Proposed Curb & Gutter
850.01	Concrete Paved Ditches
852.01	Concrete Islands
852.02	Concrete Mountable Median - for Use with Rigid or Flexible Pavement
852.04	Method for Placement of Drop Inlets in Grassed Median - Using 1'-6" Curb and Gutter
852.05	Median Curb for Catch Basin - for Use with 1'-6" Curb and Gutter
852.10	Median Construction - with Curb and Gutter
862.01	Guardrail Placement
862.02	Guardrail Installation
862.03	Structure Anchor Units
862.04	Anchoring End of Guardrail - B-77 and B-83 Anchor Units
876.01	Rip Rap in Channels
876.02	Guide for Rip Rap at Pipe Outlets

GENERAL NOTES

- CONSTRUCTION ON THIS PROJECT SHALL CONFORM TO THESE PLANS, THE LATEST EDITIONS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL HANDBOOK AND REGULATIONS, AND THE STANDARDS, SPECIFICATIONS AND GENERAL DESIGN STANDARDS OF THE LOCAL MUNICIPALITY AND AMENDMENTS OR SUPPLEMENTS THERETO. WHERE CONFLICTS EXIST BETWEEN ANY OF THESE STANDARDS, SPECIFICATIONS, OR PLANS, THE MOST STRINGENT SHALL APPLY UNLESS OTHERWISE NOTED IN THESE PLANS.
- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS, AND SHALL VERIFY OR OBTAIN ALL NECESSARY PERMITS AND APPROVALS PRIOR TO COMMENCING CONSTRUCTION. NCDOT ENCROACHMENTS SHALL BE OBTAINED BY THE ENGINEER. CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ALL PROVISIONS SET FORTH IN THE THE APPROVED NCDOT DRIVEWAY PERMIT AND ENCROACHMENT AGREEMENTS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR TRAFFIC MANAGEMENT ON ALL PUBLIC STREETS AND FOR ALL JOBSITE SAFETY THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DEVICES, LANE CLOSURES, ROAD CLOSURES, POSITIVE PROTECTION AND/OR ANY OTHER WARNING OR POSITIVE PROTECTION DEVICES NECESSARY FOR THE SAFETY OF ROAD USERS DURING CONSTRUCTION AND ANY SUBSEQUENT MAINTENANCE. THIS SHALL BE PERFORMED IN CONFORMANCE WITH THESE PLANS AND THE LATEST NCDOT ROADWAY STANDARD DRAWINGS AND SPECIFICATIONS FOR ROADS AND STRUCTURES AND AMENDMENTS OR SUPPLEMENTS THERETO AND AS FURTHER DIRECTED BY THE LOCAL MUNICIPALITY AND STATE INSPECTORS. WHEN THERE IS NO GUIDANCE PROVIDED IN THE ROADWAY STANDARD DRAWINGS OR SPECIFICATIONS, COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND AMENDMENTS OR SUPPLEMENTS THERETO. NOW WORK SHALL BE PERFORMED IN THE RIGHT OF WAY UNLESS THIS REQUIREMENT IS SATISFIED. THE CONTRACTOR SHALL NOT MAKE ANY LANES CLOSURES OR CHANGES TO THE EXISTING TRAVEL PATTERNS ON ANY PUBLIC STREET WITHOUT PRIOR APPROVAL FROM THE NCDOT AND THE LOCAL MUNICIPALITY.
- ANY PROPRIETARY PRODUCTS OR APPROVED ALTERNATES SPECIFIED IN THESE PLANS SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
- ENGINEER MUST BE NOTIFIED IN WRITING IMMEDIATELY OF ANY VARIATIONS OR AMBIGUITIES BETWEEN THE PLANS AND SPECIFICATIONS AND ACTUAL SITE CONDITIONS. ANY WORK DONE BY THE CONTRACTOR AFTER HIS DISCOVERY OF SUCH INCONSISTENCIES OR AMBIGUITIES IS AT THE CONTRACTOR'S RISK.
- THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION CONFERENCE WITH NCDOT AND THE LOCAL MUNICIPALITY PRIOR TO COMMENCING CONSTRUCTION.

DEMOLITION AND GRADING NOTES

- THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACE AT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES AND EXISTING PAVEMENT AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.
- THE CONTRACTOR SHALL REMOVE ALL TREES, STUMPS AND VEGETATIVE MATERIAL FROM THE RIGHT OF WAY AND DISPOSE OF IN A LICENSED LANDFILL OR DISPOSAL SITE UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL CONFORM TO ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS REGARDING THE REMOVAL AND DISPOSAL OF MATERIALS AND DEBRIS.
- ALL MATERIALS USED FOR BACKFILL SHALL BE FREE OF WOOD, ROOTS, ROCKS, BOULDERS, OR ANY OTHER NON-COMPATIBLE SOIL TYPE MATERIAL UNSATISFACTORY MATERIALS ALSO INCLUDE MAN-MADE FILLS AND REFUSE DEBRIS DERIVED FROM ANY SOURCE.
- BACKFILL MATERIAL IS TO BE PLACED AT A MAXIMUM OF 6 INCH LOOSE LAYERS AND EACH LAYER THOROUGHLY COMPACTED. ALL EMBANKMENT BACKFILL SHALL BE COMPACTED TO 95% DENSITY AND ALL SUBGRADE TO 100% DENSITY IN ACCORDANCE WITH AASHTO T-99 AS MODIFIED BY NCDOT. CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT AND MOISTURE CONDITION ALL FILL PER THE GEOTECHNICAL ENGINEER'S SPECIFICATIONS AND ALL FILL MATERIAL SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE PATTERNS AND PROVIDING POSITIVE DRAINAGE AT ALL TIME THROUGHOUT PROJECT CONSTRUCTION. THE CONTRACTOR SHALL USE INTERIM SILT FENCES, DIVERSION DITCHES, BERMS, OR OTHER METHODS AS REQUIRED TO DIRECT DRAINAGE TO BEST UTILIZE THE EROSION CONTROL DEVICES IN PLACE, AND TO PREVENT SILT AND CONSTRUCTION RUNOFF FROM DRAINING TO PROPERTIES OFFSITE. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL EROSION CONTROL AND CONSERVATION ORDINANCES.
- TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. REFER TO EROSION CONTROL PLANS FOR THE CLEARING LIMITS AND LOCATION AND TYPE OF DEVICES.

PAVING/CURBING

- PROVIDE 10" TRANSITION TO TIE PROPOSED CURB AND GUTTER TO THE EXISTING HEIGHT, WIDTH AND SHAPE OF EXISTING CURB AND GUTTER AT TIE-IN POINTS.
- THE CONTRACTOR IS RESPONSIBLE FOR ENGINEERING AND SURVEY WORK REQUIRED FOR LINE AND GRADE CONTROL POINTS REQUIRED FOR EARTHWORK AND FOR STAKING OUT PAVEMENT AND ALL OTHER ITEMS IN THE PLANS.
- ALL CURB JOINTS SHALL EXTEND THROUGH THE CURB AND ALL JOINTS SHALL BE SEALED WITH JOINT SEALANT.
- REMOVE EXISTING CONCRETE (WHERE REQUIRED) TO THE FIRST COLD JOINT OR SAW CUT TO OBTAIN A CLEAN EDGE FOR NEW CONSTRUCTION. SAW CUT EXISTING ASPHALT DRIVE AT LIMITS OF NEW CURBING TO OBTAIN A CLEAN EDGE.
- PAVING SHALL BE IN ACCORDANCE WITH THE 2024 STANDARD SPECIFICATIONS SECTIONS 610, 1012 AND 1020. THE CONTRACTOR SHALL FOLLOW ALL PROCEDURES IN THE QUALITY MANAGEMENT SYSTEM (QMS) FOR ASPHALT PAVEMENT AND MUST ADHERE TO ALL TESTING REQUIREMENTS AND QUALITY CONTROL REQUIREMENTS SPECIFIED IN THE ENCROACHMENT AND/OR DRIVEWAY PERMIT. THE NOMINATION OF THE TESTING LABORATORY AND THE PAYMENT OF SUCH TESTING SERVICES SHALL BE MADE BY THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW STANDARD TESTING PROCEDURES THAT THE WORK CONSTRUCTED DOES MEET THE REQUIREMENTS OF THE NCDOT SPECIFICATIONS.
- ALL RAMPS SHALL COMPLY WITH THE LATEST NCDOT STANDARDS AND ADA REQUIREMENTS. CURB RAMPS ARE SHOWN ON THE PLANS AT THE APPROXIMATE LOCATIONS.
- ALL CURVES ARE TO BE SUPERELEVATED IN ACCORDANCE WITH STD. 225.04 AND 225.05 USING THE RATE OF SUPERELEVATION RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

UTILITY NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION (SHOWN OR NOT SHOWN) OF UTILITIES WITHIN THE PROJECT LIMITS. EXISTING UTILITY LOCATIONS AND SIZES SHOWN HAVE BEEN PROVIDED BY OTHERS AND ARE APPROXIMATE ONLY.
- CONTRACTOR SHALL NOTIFY THE NORTH CAROLINA 811 AT 1-800-632-4949 AT LEAST 72 HOURS PRIOR TO ANY DEMOLITION, GRADING OR CONSTRUCTION ACTIVITY FOR PROPER IDENTIFICATION OF EXISTING UTILITIES WITHIN THE SITE. CONTRACTOR TO CONTACT LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF NORTH CAROLINA 811.
- RELOCATION OF EXISTING UTILITIES TO BE COORDINATED WITH LOCAL UTILITY PROVIDER(S).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY OWNERS AND FOR PROVIDING PROTECTION AND SAFEGUARDS TO PREVENT DAMAGE OR INTERRUPTION TO EXISTING FACILITIES AND TO MAINTAIN ACCESSIBILITY TO EXISTING UTILITIES. THE CONTRACTOR SHALL REPAIR, AT HIS OWN EXPENSE, ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
- WATER VALVE BOXES AND WATER METER BOXES THAT ARE ENCOUNTERED WITHIN THE PROJECT LIMITS ARE TO BE RAISED OR LOWERED TO MATCH THE ADJACENT FINISHED WORK (SEE SECTION 858-1 AND 1510 NCDOT SPECIFICATIONS).

TOWN OF ROLESVILLE:
PSP-23-04
TOWN OF WAKE FOREST:
PSP-XX-XX

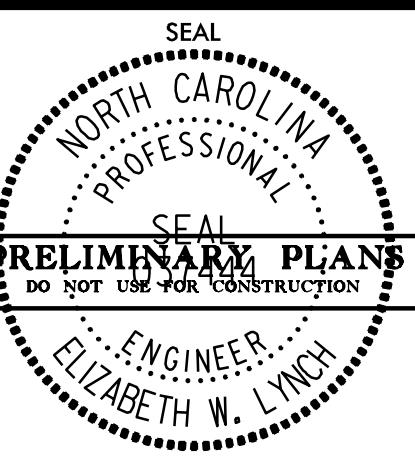
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Planning



PEARCE FARM
ROADWAY IMPROVEMENTS
ROLESVILLE, NORTH CAROLINA

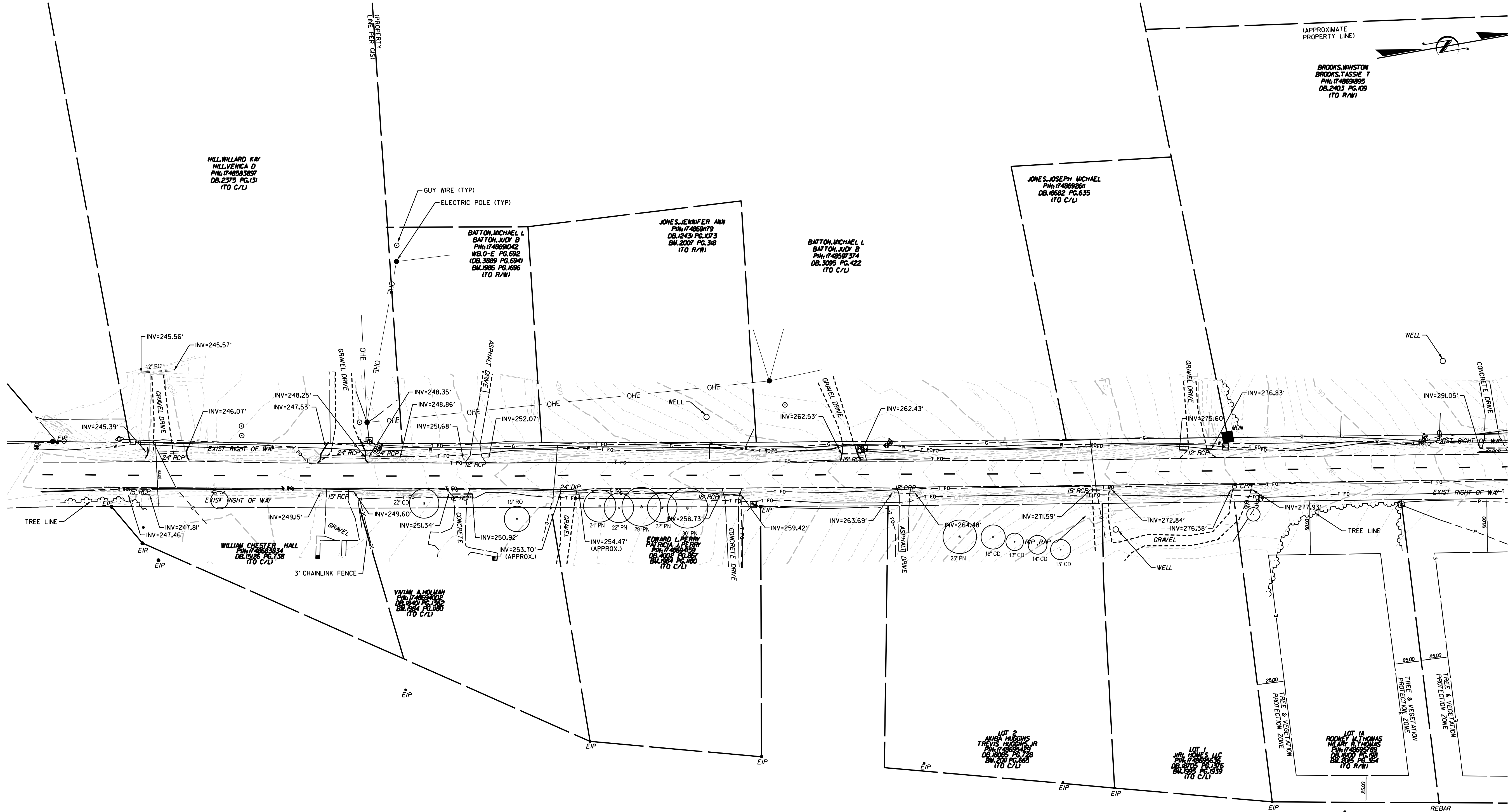
GENERAL NOTES



DESIGNED BY: R. MANK	DATE: 03/28/24	INIT:	DATE:
REVIEWED BY: E. LYNCH	SCALE:	REVISIONS:	
SHEET NO.			
3			

3/28/2024 Z:\Shared\0 - Projects\4 - Roadway\00103002 Pearce Farm Roadway and Signal Design\0 - CAD\Roadway\Proj\Pearce Farm\cody_03.psh_gdn-notres.dgn

3/28/2024
 Z:\Shared\0 - Projects\4 - Roadway\00103002 Pearce Farm Roadway and Signal\Design\0 CAD\Roadway\Proj\Pearce Farm\dy_09_psh_EX-1.dgn



APPROXIMATE PROPERTY LINE

**BROOKS, WINSTON
 BROOKS, TASSIE T**
 PIN: 174869251
 DB: 2403 PG: 109
 (TO R/W)

EXULT
 ENGINEERING

NC License #C-4445
 304-F.W. Millbrook Rd
 Raleigh, NC 27609
 Tel: (984) 500-5426

**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**EXISTING CONDITIONS
 PLAN SHEET**

SEAL
 NORTH CAROLINA
 PROFESSIONAL
 ENGINEER
 ELIZABETH W. LYNCH

DESIGNED BY: R. MANK	DATE: 03/28/24	SCALE: 1" = 50'
REVIEWED BY: E. LYNCH	DATE:	SCALE:
INIT.	DATE	
REVISIONS		

**TOWN OF ROLESVILLE:
 PSP-23-04**

**TOWN OF WAKE FOREST:
 PSP-XX-XX**

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Public Works/Engineering _____

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Planning _____



SHEET NO.
EX-1

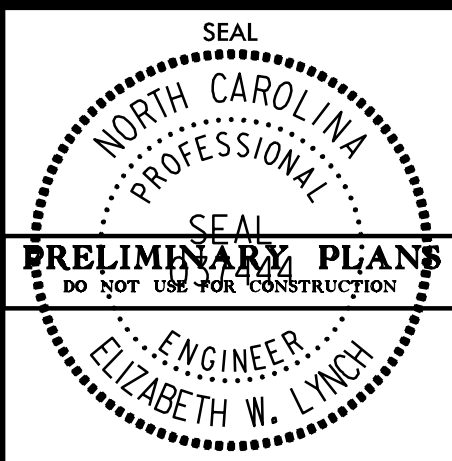
3/28/2024
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**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**EXISTING CONDITIONS
 PLAN SHEET**



**TOWN OF ROLESVILLE:
 PSP-23-04
 TOWN OF WAKE FOREST:
 PSP-XX-XX**

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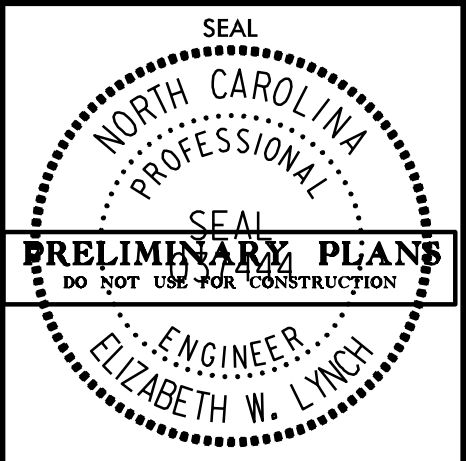


DESIGNED BY: J. PACE	DATE: 03/28/24	SCALE: 1" = 50'	REVISIONS:
REVIEWED BY: E. LYNCH	INIT:	DATE:	
JOB NO.: 00103002	SHEET NO.:		
EX-2			

3/28/2024
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**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**EXISTING CONDITIONS
 PLAN SHEET**



DESIGNED BY: J. PACE	DATE: 03/28/24	SCALE: 1" = 50'
REVIEWED BY: E. LYNCH	DATE:	SCALE:
INITIALS:	DATE:	SCALE:
REVISIONS:	DATE:	SCALE:

SHEET NO.
EX-3



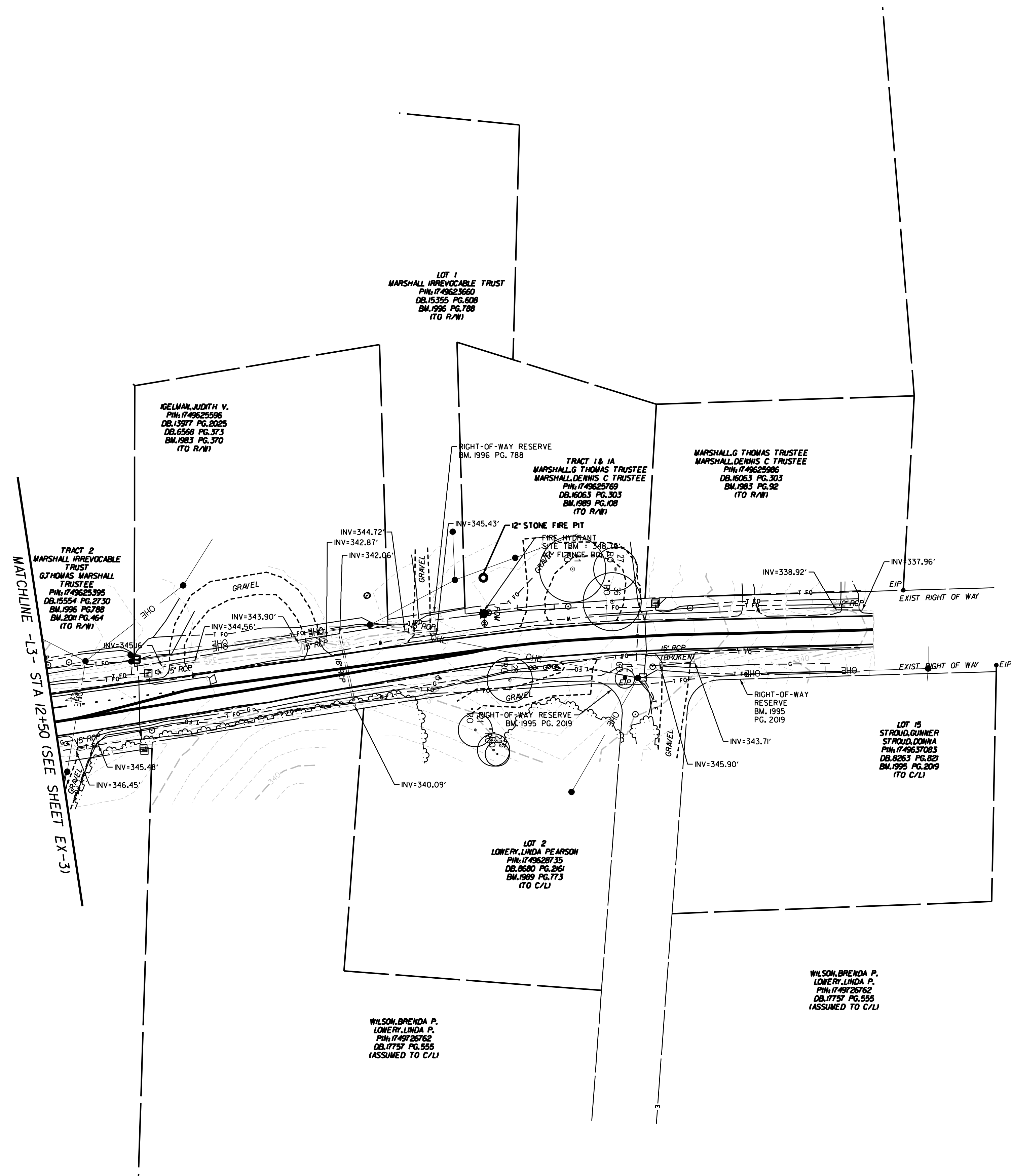
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**TOWN OF ROLESVILLE:
 PSP-23-04
 TOWN OF WAKE FOREST:
 PSP-XX-XX**

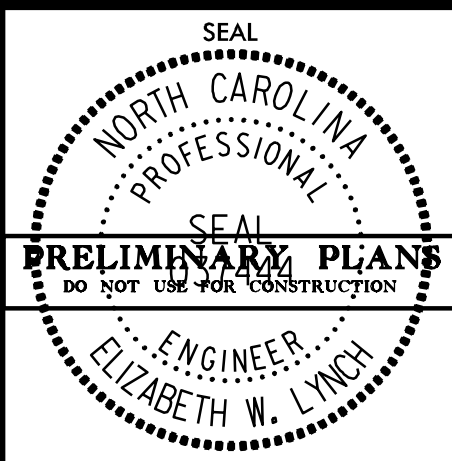
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**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**EXISTING CONDITIONS
 PLAN SHEET**



SIGNATURE DATE

**TOWN OF ROLESVILLE:
 PSP-23-04
 TOWN OF WAKE FOREST:
 PSP-XX-XX**

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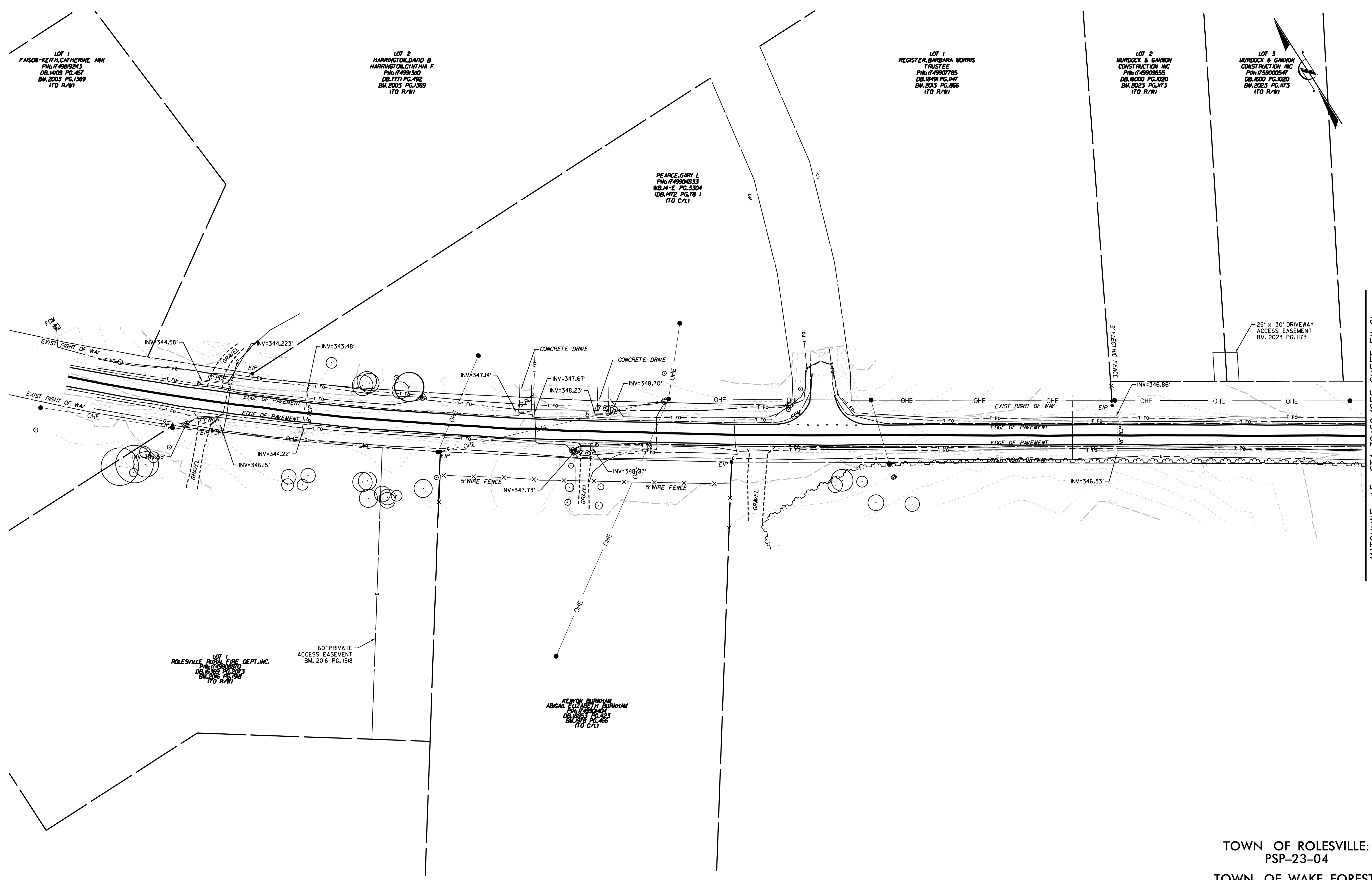
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JOB NO.:	DESIGNED BY:	REVIEWED BY:	DATE
00103002	J. PACE	E. LYNCH	
DATE:	03/28/24		
SCALE:	1" = 50'		
REVISIONS:			
		INIT.	DATE

SHEET NO.
EX-4

3/28/2024
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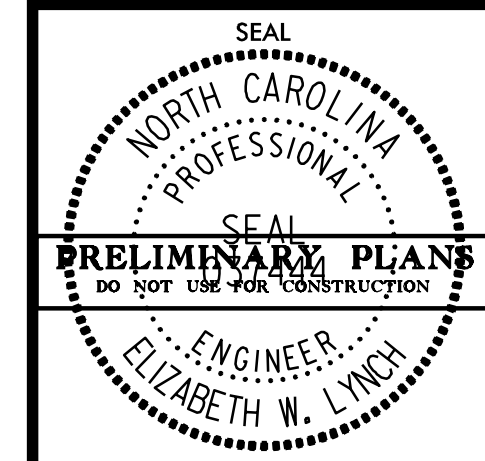


MATCHLINE -L5- STA 30+50 (SEE SHEET EX-6)

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**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**EXISTING CONDITIONS
 PLAN SHEET**



**TOWN OF ROLESVILLE:
 PSP-23-04
 TOWN OF WAKE FOREST:
 PSP-XX-XX**

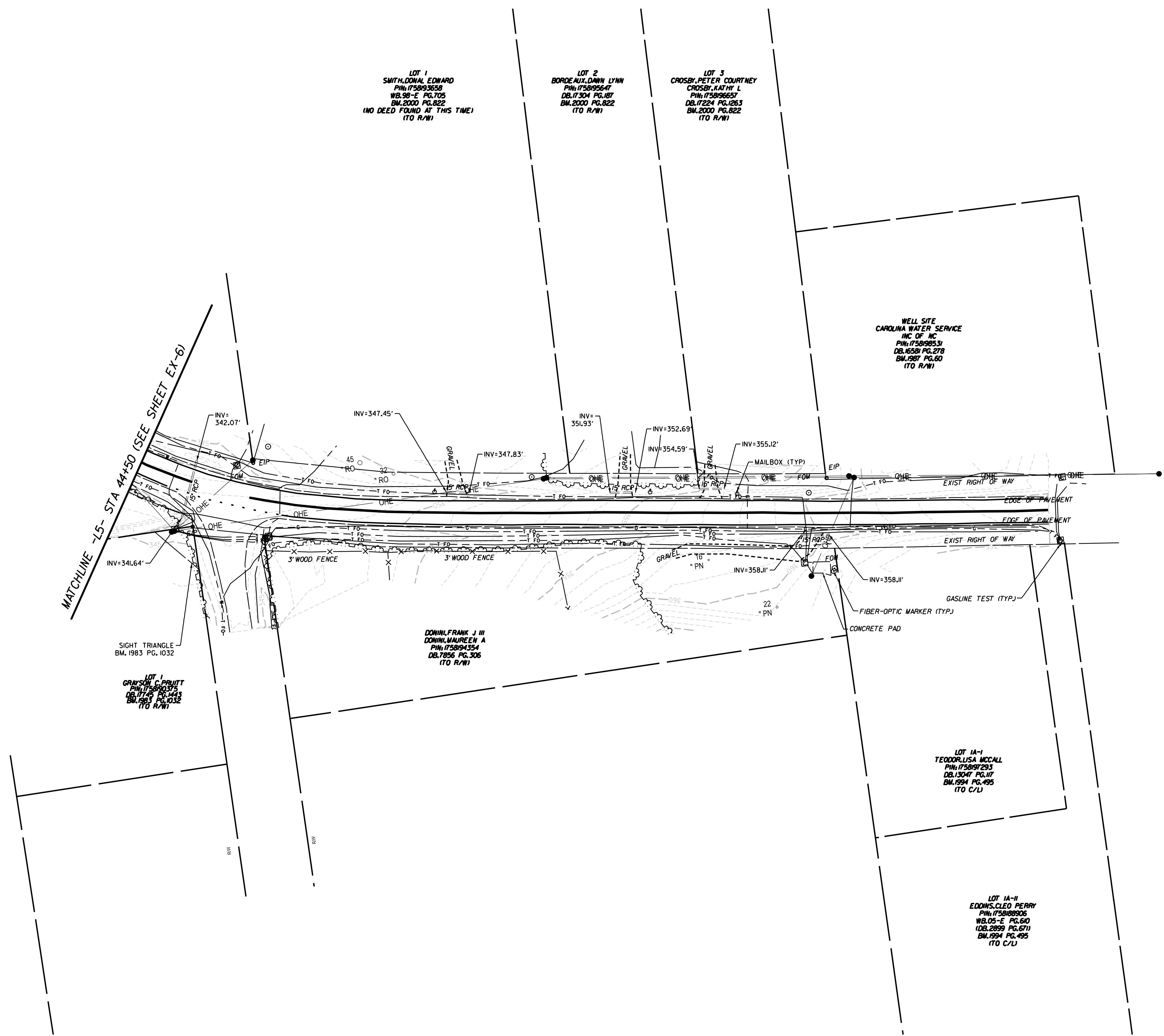
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DESIGNED BY: G. BOYLE	DATE: 03/28/24	SCALE: 1" = 50'	REVISIONS:
REVIEWED BY: E. LYNCH	INIT:	DATE:	
JOB NO.: 00103002	SHEET NO.:		
EX-5			

3/28/2024
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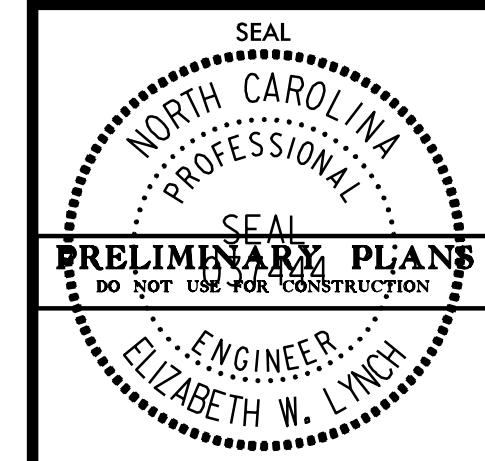
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**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**EXISTING CONDITIONS
 PLAN SHEET**



**TOWN OF ROLESVILLE:
 PSP-23-04
 TOWN OF WAKE FOREST:
 PSP-XX-XX**

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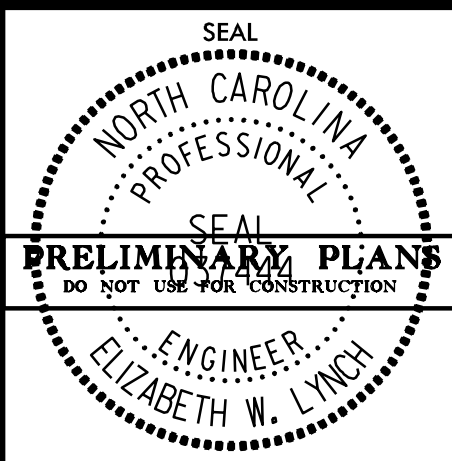
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DESIGNED BY: G. BOYLE	DATE: 03/28/24	SCALE: 1" = 50'	REVISIONS:
REVIEWED BY: E. LYNCH	INIT:	DATE:	

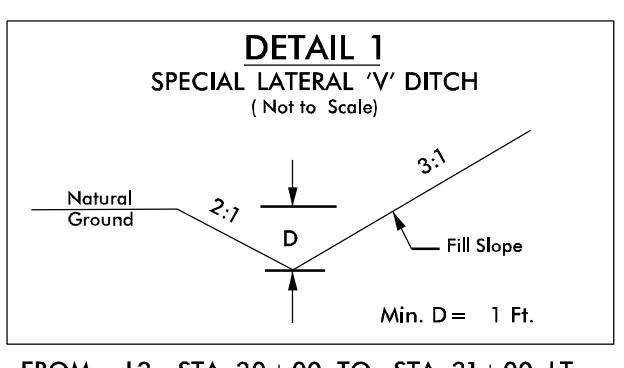
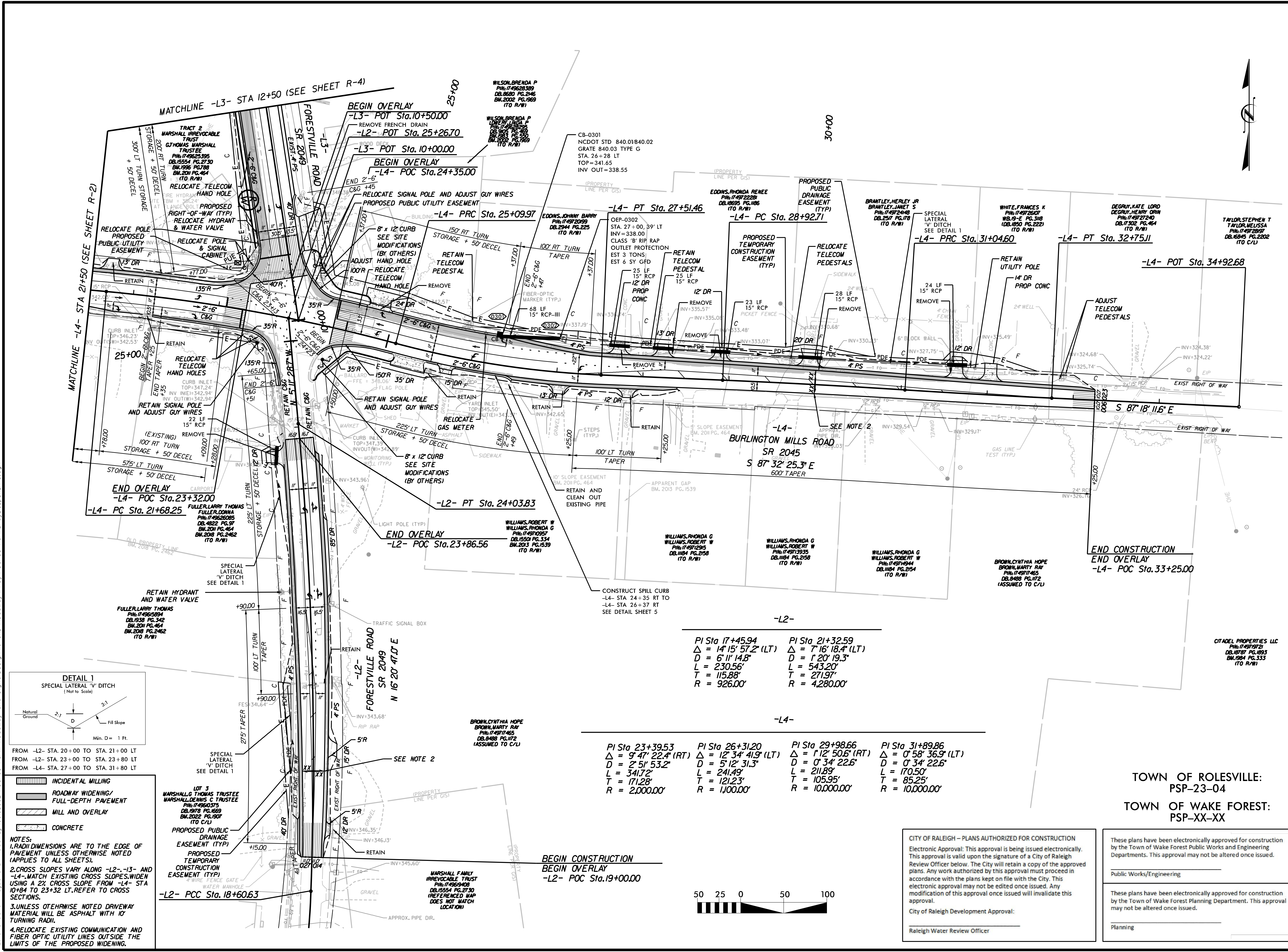
SHEET NO.
EX-7

**PEARCE FARM
ROADWAY IMPROVEMENTS
ROLESVILLE, NORTH CAROLINA**

PLAN SHEET



DESIGNED BY: J. PACE	DATE: 03/28/24	INIT:
REVIEWED BY: E. LYNCH	SCALE: 1" = 50'	DATE:
JOB NO.: 00103002	REVISIONS:	DATE:
SHEET NO.		
R-3		

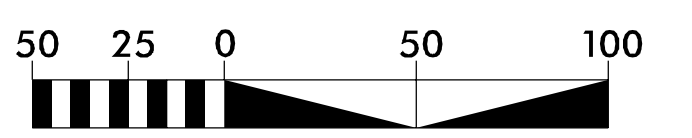


FROM -L2- STA. 20+00 TO STA. 21+00 LT
FROM -L2- STA. 23+00 TO STA. 23+80 LT
FROM -L4- STA. 27+00 TO STA. 31+80 LT

- INCIDENTAL MILLING
- ROADWAY WIDENING/
FULL-DEPTH PAVEMENT
- MILL AND OVERLAY
- CONCRETE

NOTES:
1. RADI DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED (APPLIES TO ALL SHEETS).
2. CROSS SLOPES VARY ALONG -L2-, -L3- AND -L4-. MATCH EXISTING CROSS SLOPES. WIDEN USING A 2% CROSS SLOPE FROM -L4- STA 10+84 TO 23+32 LT. REFER TO CROSS SECTIONS.
3. UNLESS OTHERWISE NOTED DRIVEWAY MATERIAL WILL BE ASPHALT WITH 10' TURNING RADI.
4. RELOCATE EXISTING COMMUNICATION AND FIBER OPTIC UTILITY LINES OUTSIDE THE LIMITS OF THE PROPOSED WIDENING.

**BEGIN CONSTRUCTION
BEGIN OVERLAY
-L2- POC Sta. 19+00.00**



-L2-
PI Sta 17+45.94
Δ = 14' 15" 57.2" (LT)
D = 6' 11" 14.8"
L = 230.56'
T = 115.88'
R = 926.00'

PI Sta 21+32.59
Δ = 7' 16" 18.4" (LT)
D = 1' 20" 19.3"
L = 543.20'
T = 271.97'
R = 4,280.00'

-L4-
PI Sta 23+39.53
Δ = 9' 47" 22.4" (RT)
D = 2' 51" 53.2"
L = 341.72'
T = 171.28'
R = 2,000.00'

PI Sta 26+31.20
Δ = 12' 34" 41.9" (LT)
D = 5' 12" 31.3"
L = 241.49'
T = 121.23'
R = 1,100.00'

PI Sta 29+98.66
Δ = 1' 12" 50.5" (RT)
D = 0' 34" 22.6"
L = 211.89'
T = 105.95'
R = 10,000.00'

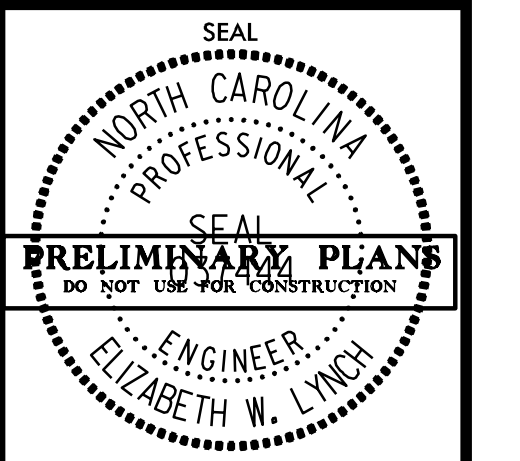
PI Sta 31+89.86
Δ = 0' 58" 36.9" (LT)
D = 0' 34" 22.6"
L = 170.50'
T = 85.25'
R = 10,000.00'

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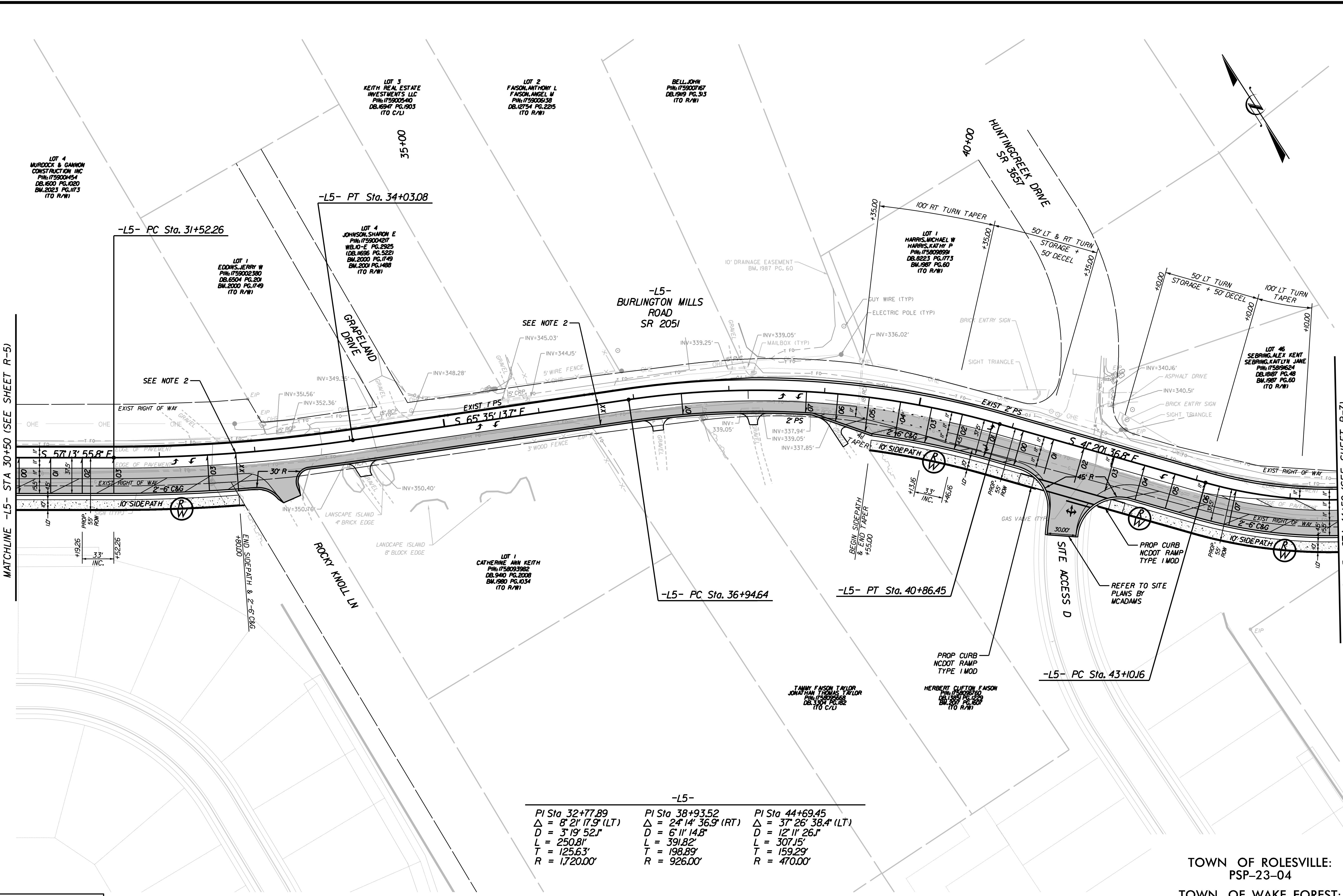
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PSP-23-04
TOWN OF WAKE FOREST:
PSP-XX-XX**

3/28/2024
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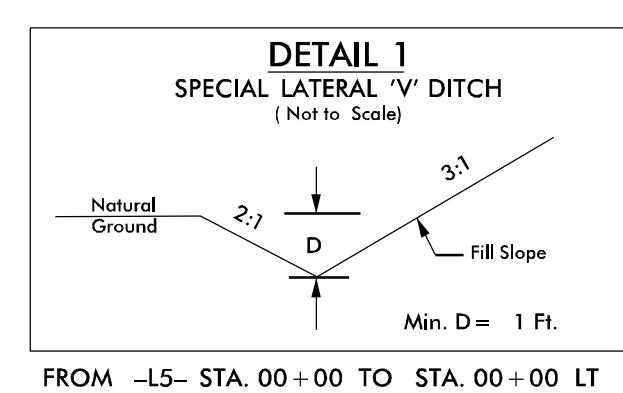
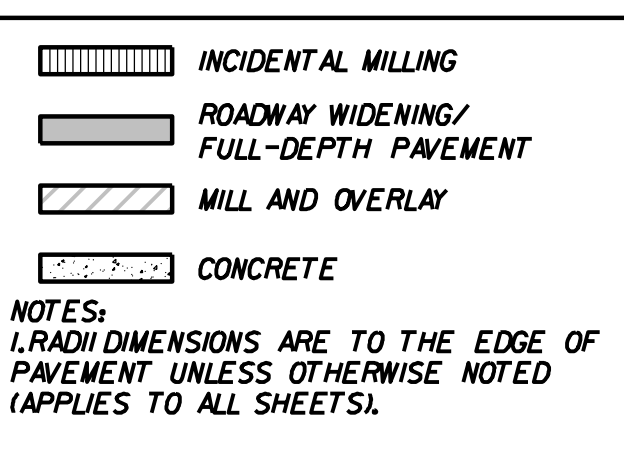


DESIGNED BY: G. BOYLE	DATE
REVIEWED BY: E. LYNCH	INIT.
DATE: 03/28/24	DATE
SCALE: 1" = 50'	REVISIONS
JOB NO.: 00103002	SHEET NO.



-L5-

PI Sta 32+77.89 Δ = 8° 21' 17.9" (LT) D = 3° 19' 52.1" L = 250.81' T = 125.63' R = 1720.00'	PI Sta 38+93.52 Δ = 24° 14' 36.9" (RT) D = 6° 11' 14.8" L = 391.82' T = 198.89' R = 926.00'	PI Sta 44+69.45 Δ = 37° 26' 38.4" (LT) D = 12° 11' 26.1" L = 307.15' T = 159.29' R = 470.00'
------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------



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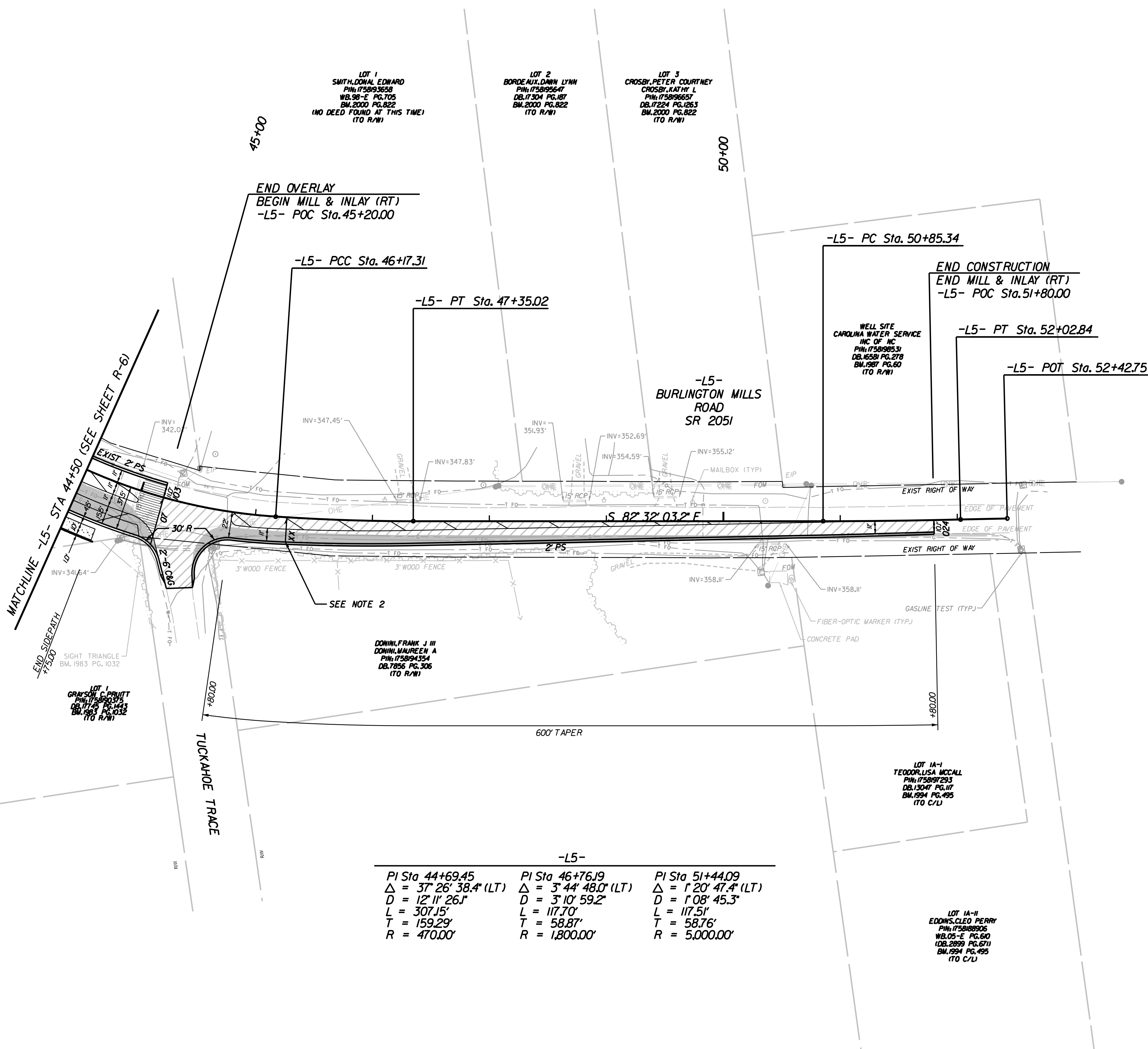
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3/29/2024
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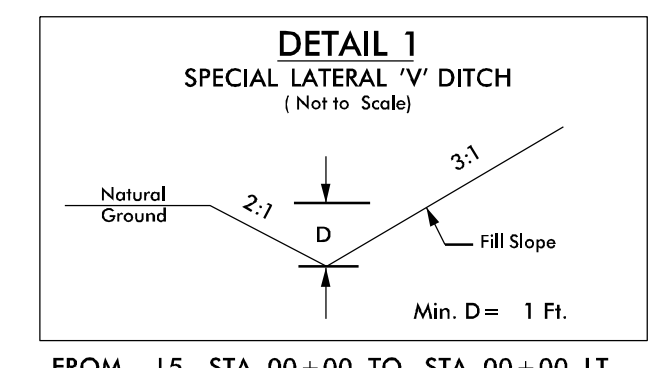
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-L5-		
PI Sta 44+69.45	PI Sta 46+76.19	PI Sta 51+44.09
$\Delta = 37^{\circ} 26' 38.4''$ (LT)	$\Delta = 3^{\circ} 44' 48.0''$ (LT)	$\Delta = 1^{\circ} 20' 47.4''$ (LT)
D = 12' 11" 26.1"	D = 3' 10" 59.2"	D = 1' 08' 45.3"
L = 307.15'	L = 117.70'	L = 117.51'
T = 159.29'	T = 58.87'	T = 58.76'
R = 470.00'	R = 1,800.00'	R = 5,000.00'

- INCIDENTAL MILLING
- ROADWAY WIDENING/
FULL-DEPTH PAVEMENT
- MILL AND OVERLAY
- CONCRETE

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 ROLESVILLE, NORTH CAROLINA**

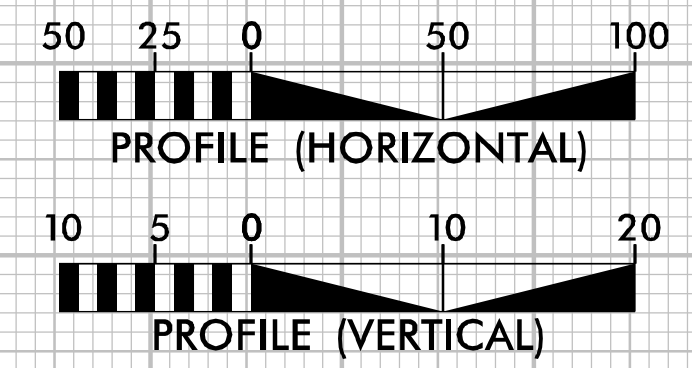
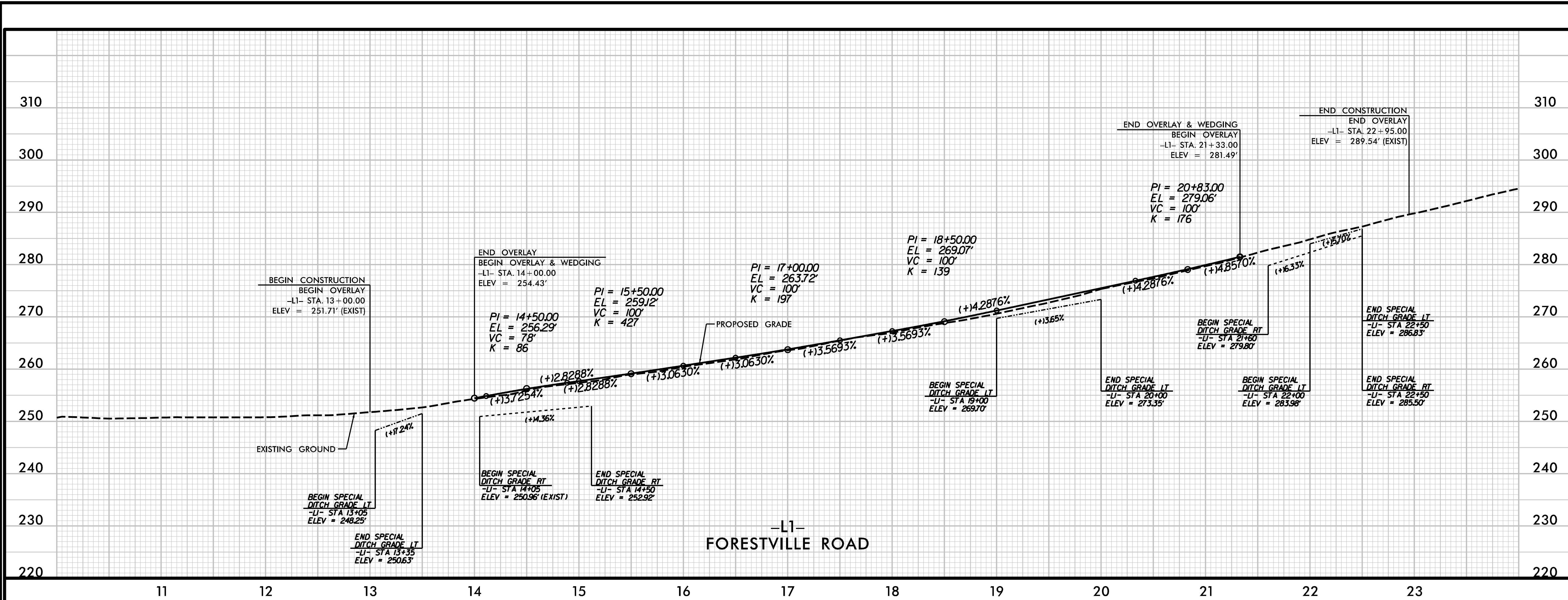
PLAN SHEET

SEAL
 NORTH CAROLINA
 PROFESSIONAL
 ENGINEER
 ELIZABETH W. LYNCH
 PRELIMINARY PLANS
 DO NOT USE FOR CONSTRUCTION

DESIGNED BY: G. BOYLE	DATE
REVIEWED BY: E. LYNCH	INIT.
DATE: 03/28/24	REVISIONS
SCALE: 1" = 50'	

SHEET NO.
R-7

3/29/2024
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PEARCE FARM ROADWAY IMPROVEMENTS
ROLESVILLE, NORTH CAROLINA

PROFILE SHEET

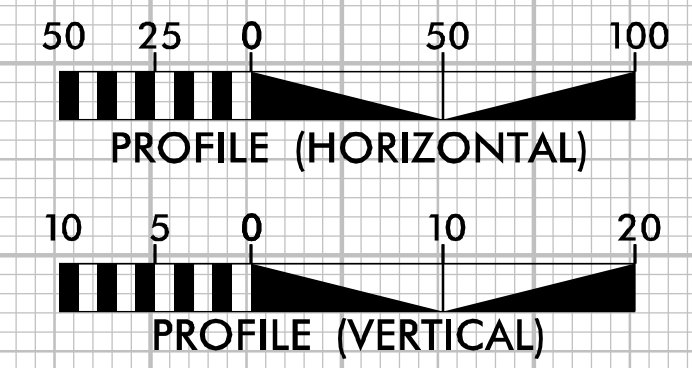
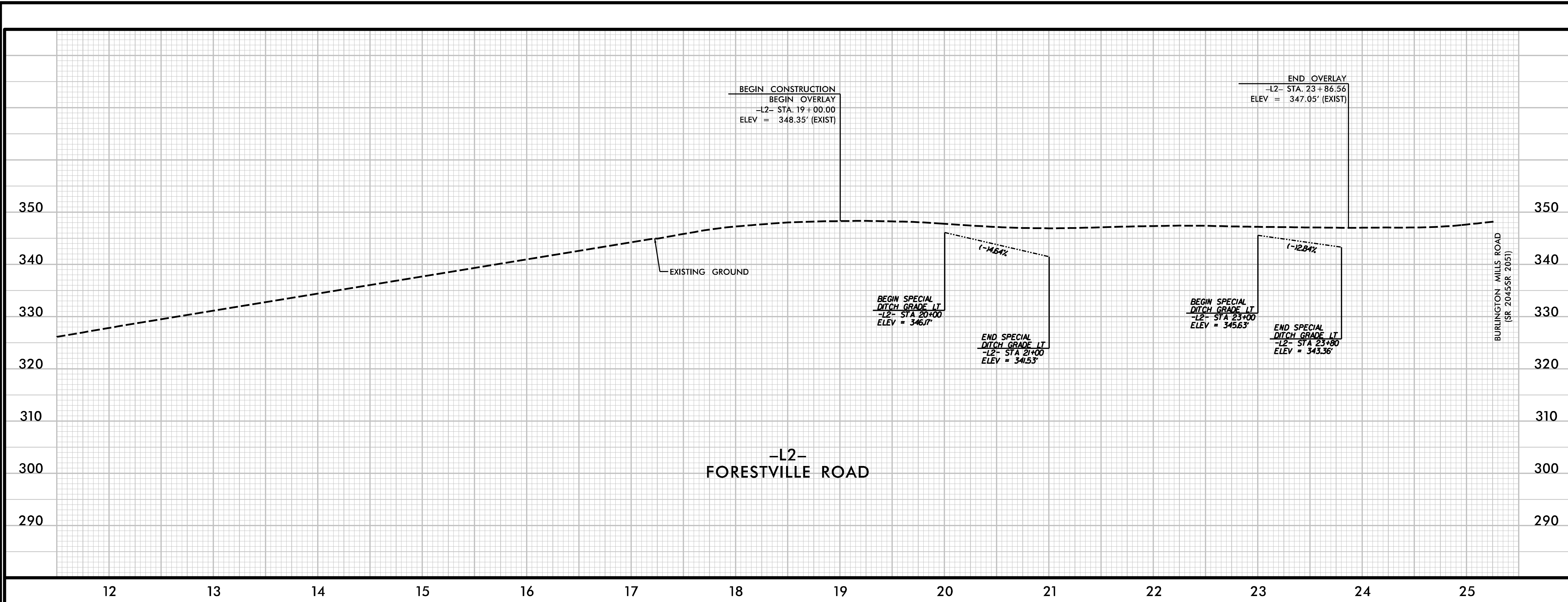
SEAL
 NORTH CAROLINA
 PROFESSIONAL
 ENGINEER
 ELIZABETH W. LYNCH

PRELIMINARY PLANS
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DESIGNED BY: G. BOYLE	DATE:
REVIEWED BY: E. LYNCH	DATE:
SCALE: 1" = 50'	REVISIONS:
INIT.	DATE

SHEET NO.
R-8

3/28/2024
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**PEARCE FARM
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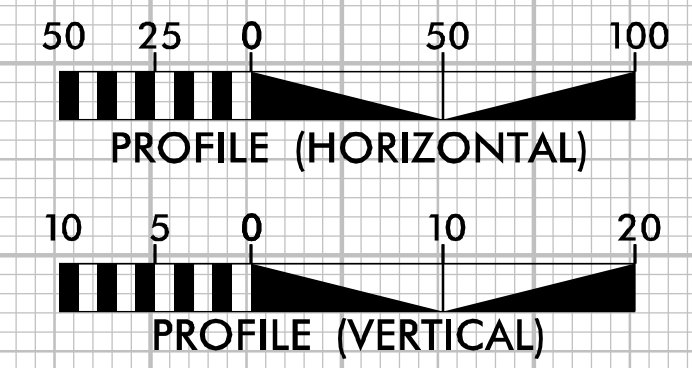
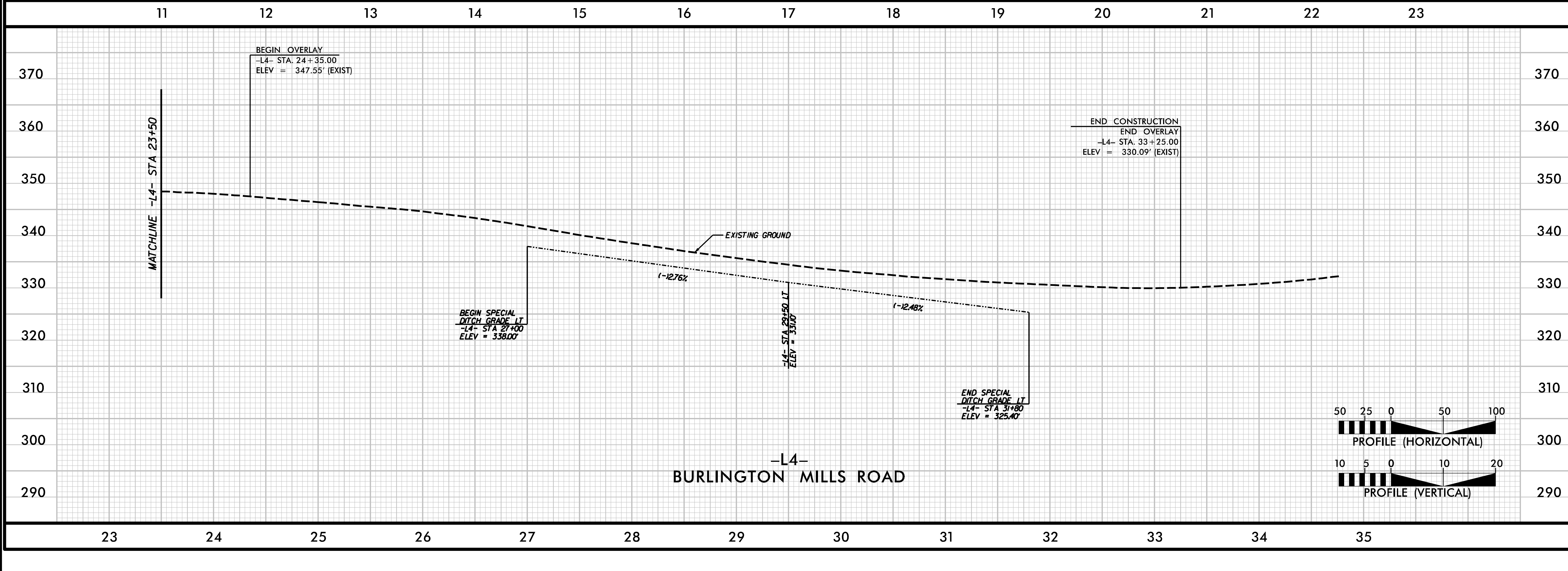
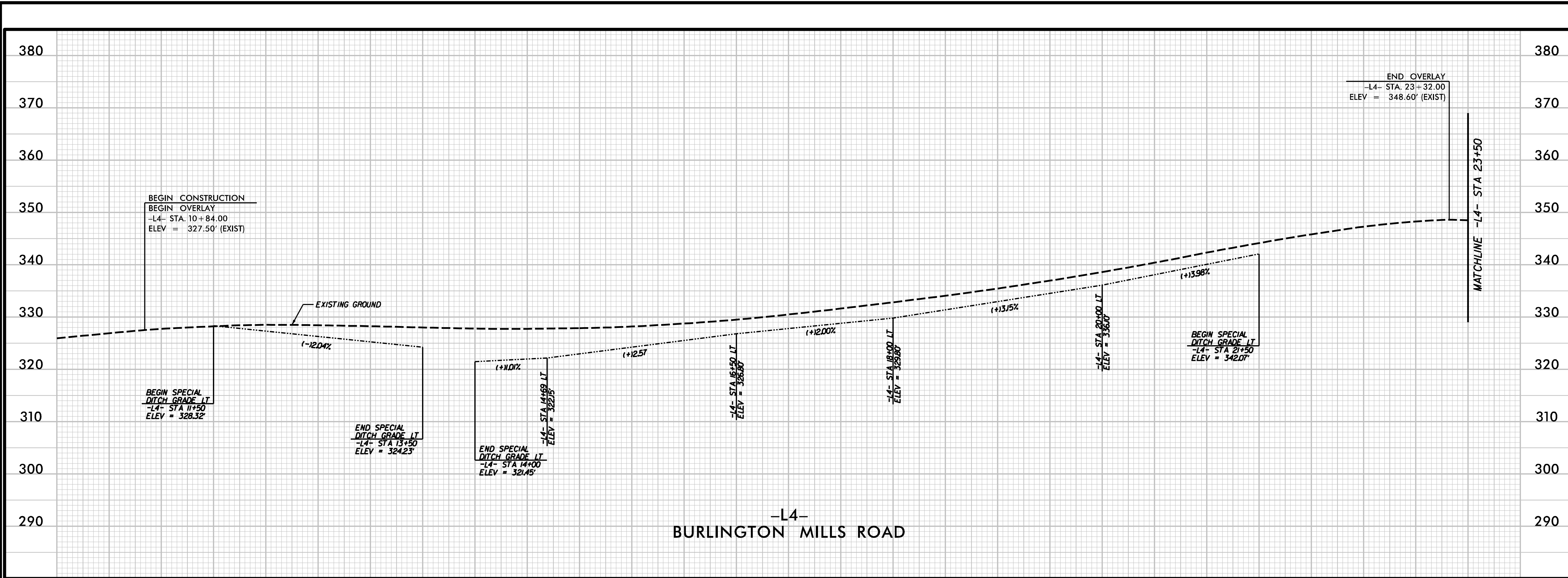
PROFILE SHEET

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NORTH CAROLINA
PROFESSIONAL
ENGINEER
ELIZABETH W. LYNCH
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DO NOT USE FOR CONSTRUCTION

DESIGNED BY:	REVIEWED BY:	DATE	INIT.
G. BOYLE	E. LYNCH		
DATE:	03/28/24	SCALE:	1" = 50'
REVISIONS:			

SHEET NO.
R-9

3/28/2024
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**PEARCE FARM
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 ROLESVILLE, NORTH CAROLINA**

PROFILE SHEET

SEAL
 NORTH CAROLINA
 PROFESSIONAL
 ENGINEER
 ELIZABETH W. LYNCH

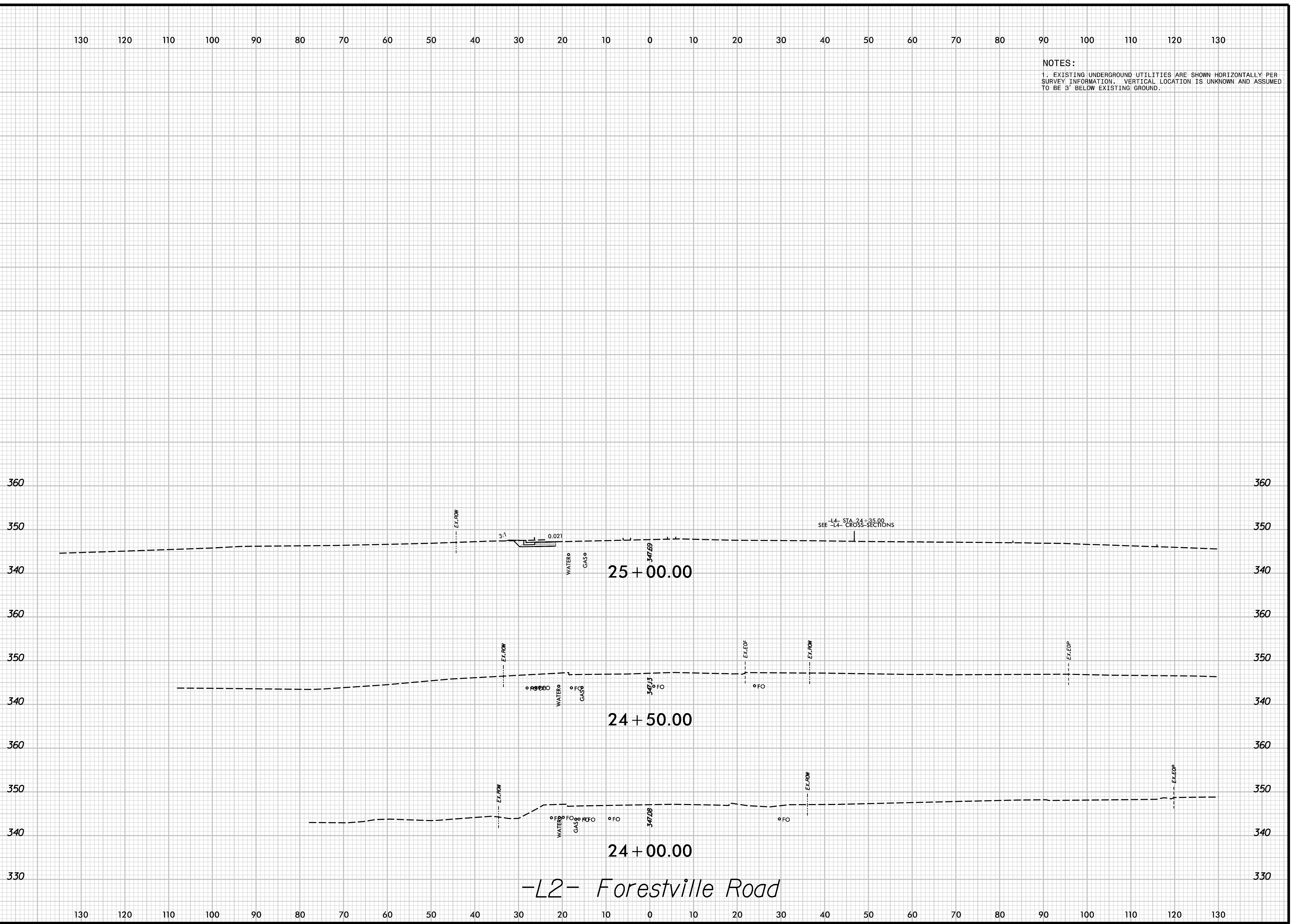
DESIGNED BY: G. BOYLE	DATE:
REVIEWED BY: E. LYNCH	INIT.
DATE: 03/28/24	DATE:
SCALE: 1" = 50'	REVISIONS:

SHEET NO.
R-10

**PEARCE FARM
ROADWAY IMPROVEMENTS
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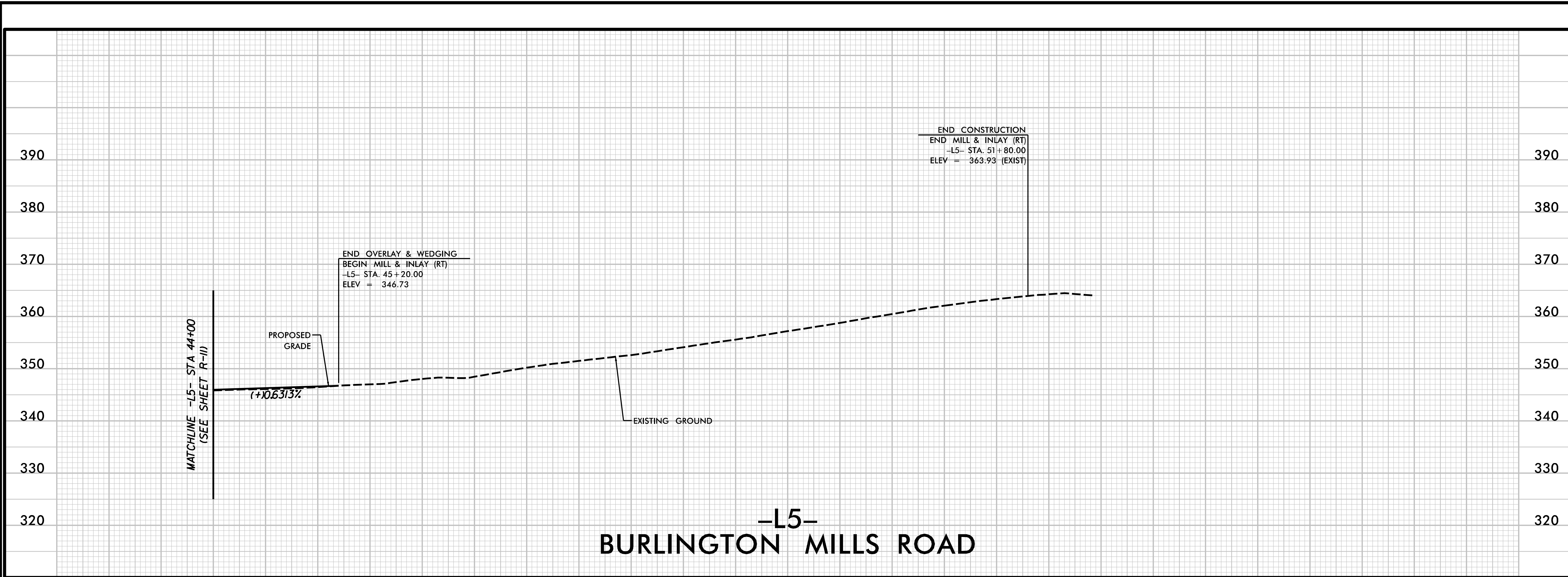
**ROADWAY
CROSS SECTIONS**

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.



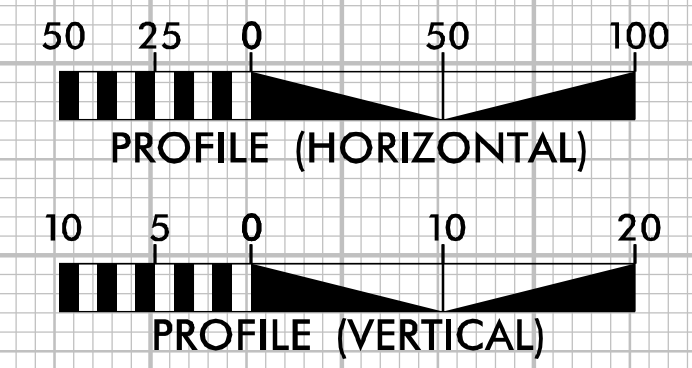
DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH		
DATE: 03/28/24		
SCALE:	REVISIONS	

3/28/2024
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-L5-
BURLINGTON MILLS ROAD

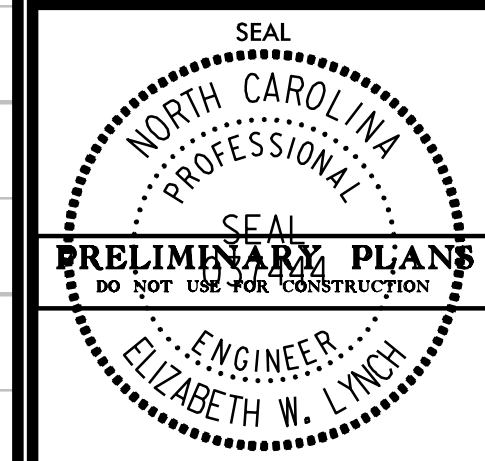
44 45 46 47 48 49 50 51 52



EXULT
 ENGINEERING
 NC License #C-4445
 304-F.W. Millbrook Rd
 Raleigh, NC 27609
 Tel: (984) 500-5426

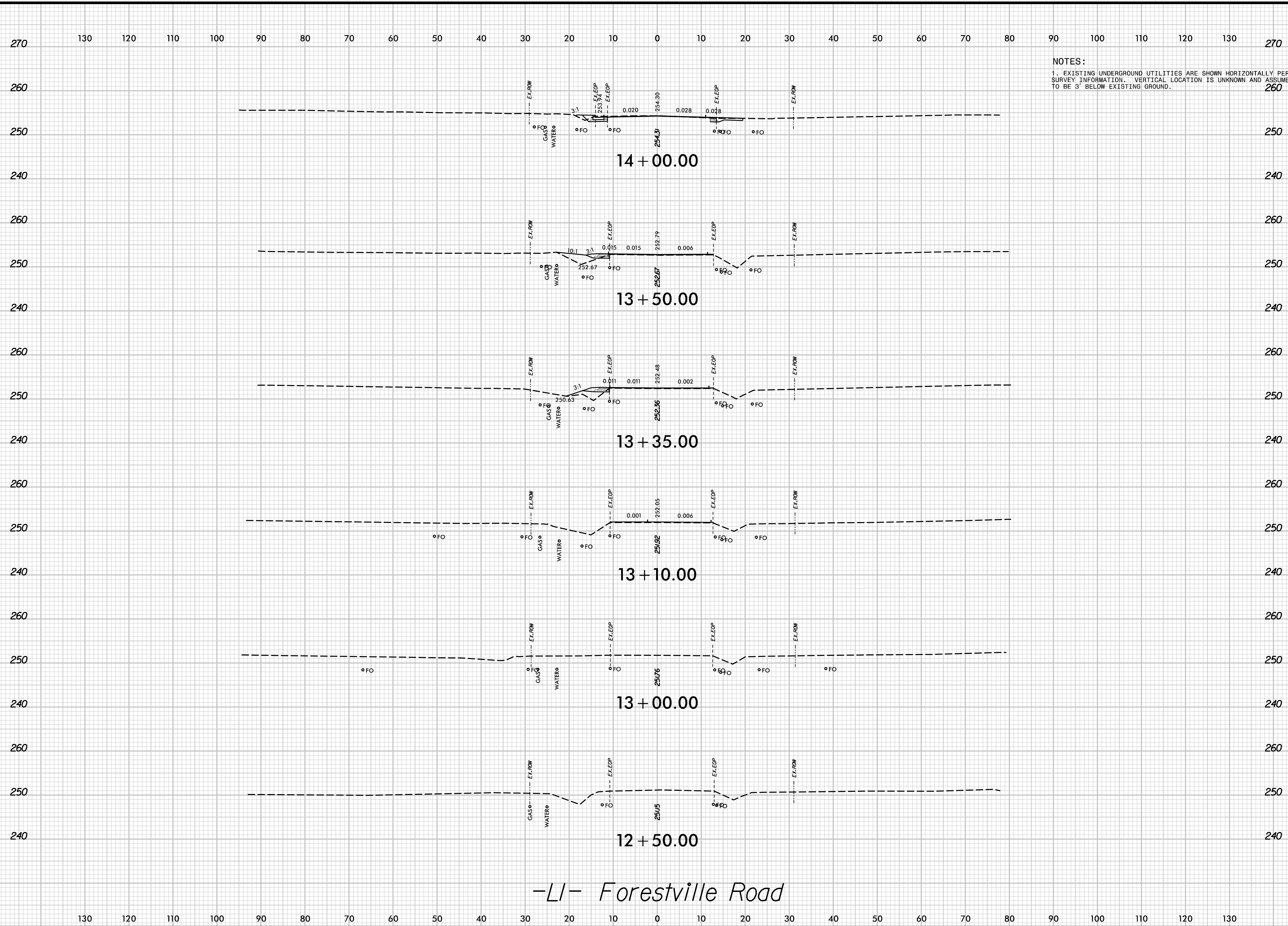
**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

PROFILE SHEET



DESIGNED BY: G. BOYLE	DATE:	INIT.	DATE
REVIEWED BY: E. LYNCH	03/28/24		
SCALE: 1" = 50'			
REVISIONS			

SHEET NO.
R-12



NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.

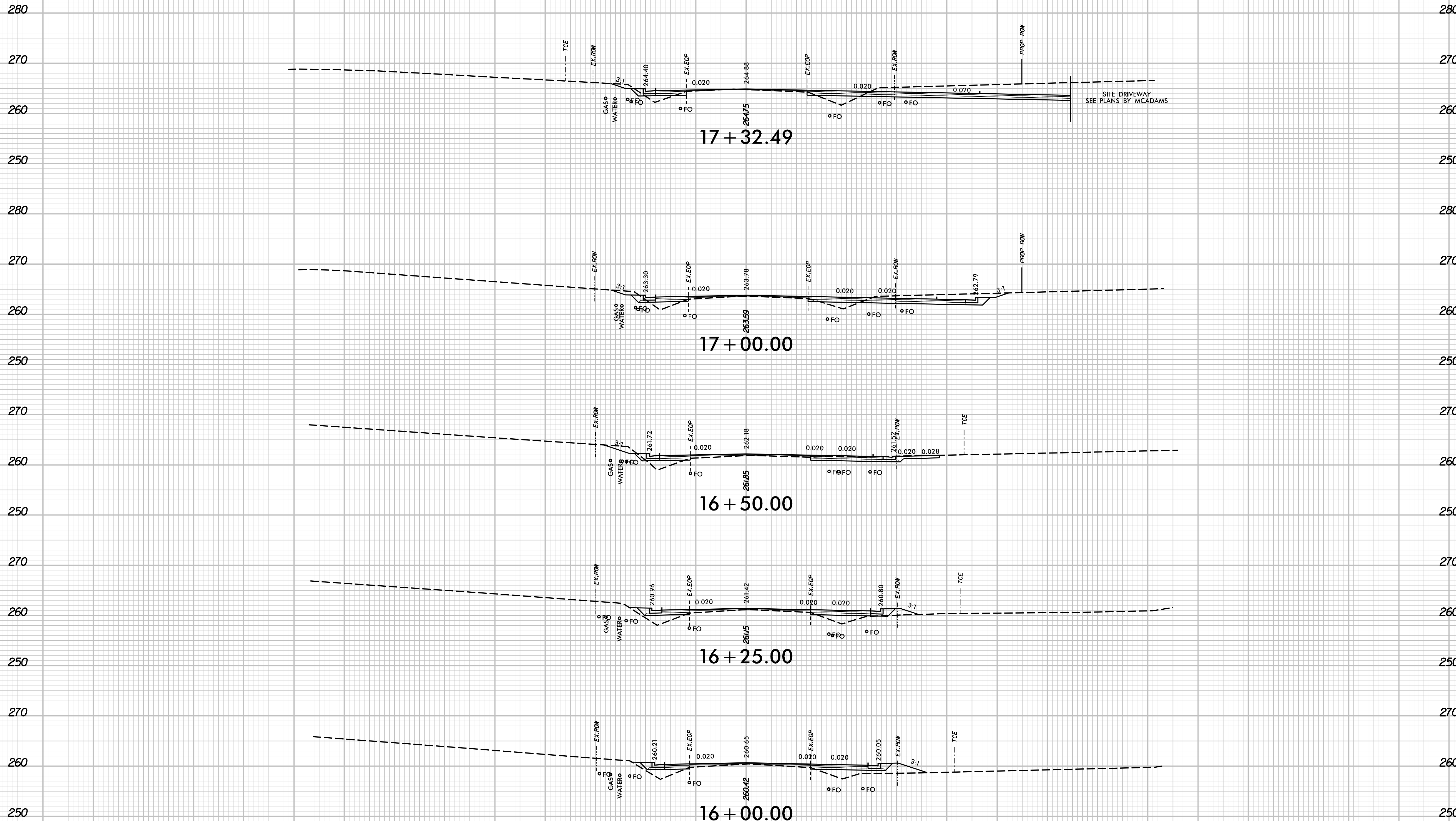
**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**ROADWAY
 CROSS SECTIONS**

DESIGNED BY: G. BOYLE	DATE:	INIT.	DATE
REVIEWED BY: E. LYNCH	SCALE:	REVISIONS	

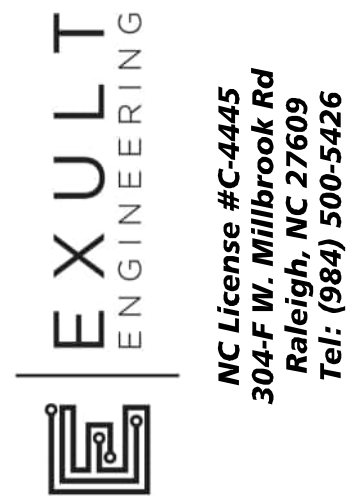
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.



-LI- Forestville Road

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130



PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA

ROADWAY
 CROSS SECTIONS

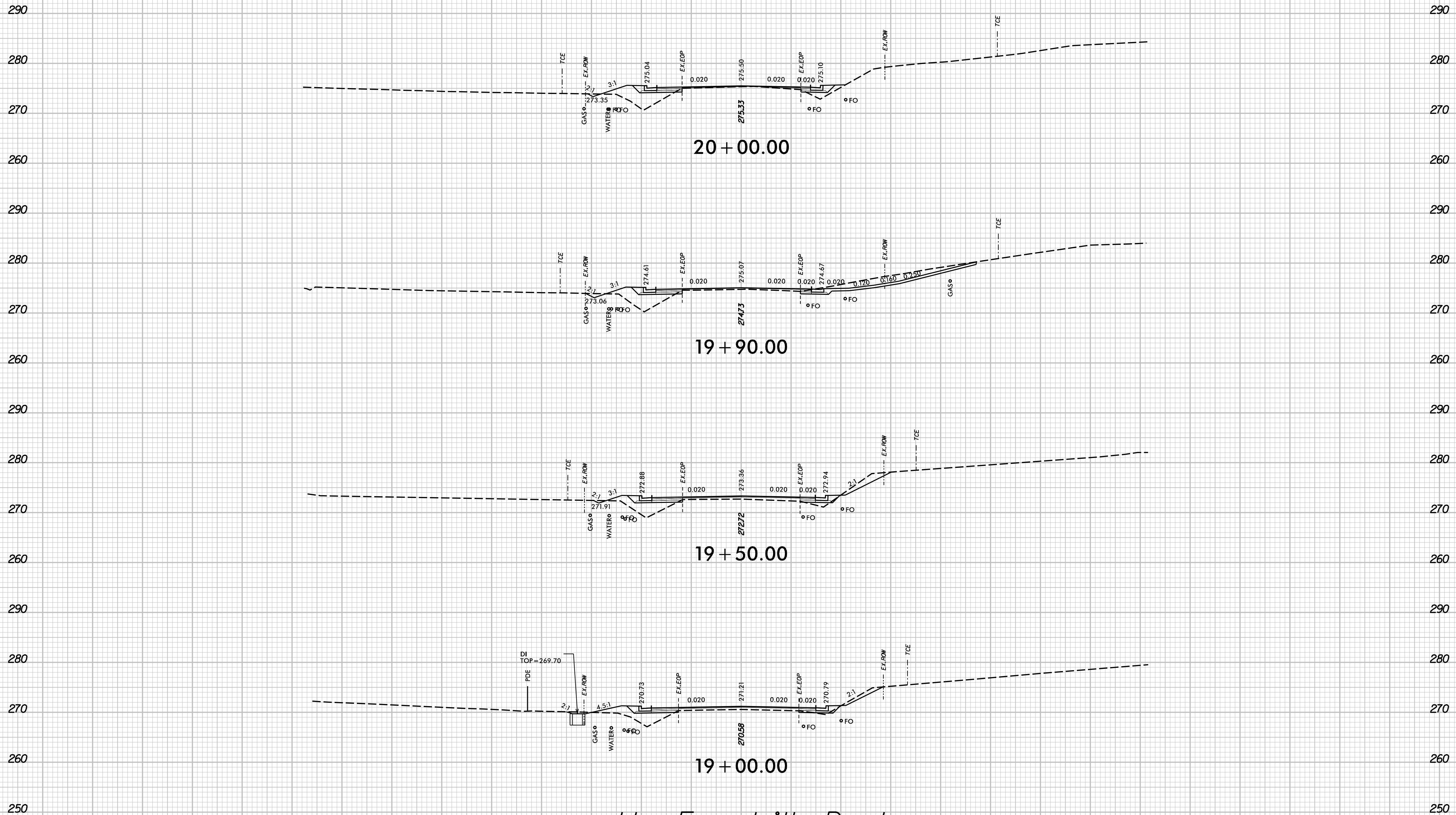
DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH		
DATE: 03/28/24		
SCALE:		
REVISIONS		

SHEET NO.

X-3

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.



-LI- Forestville Road

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130



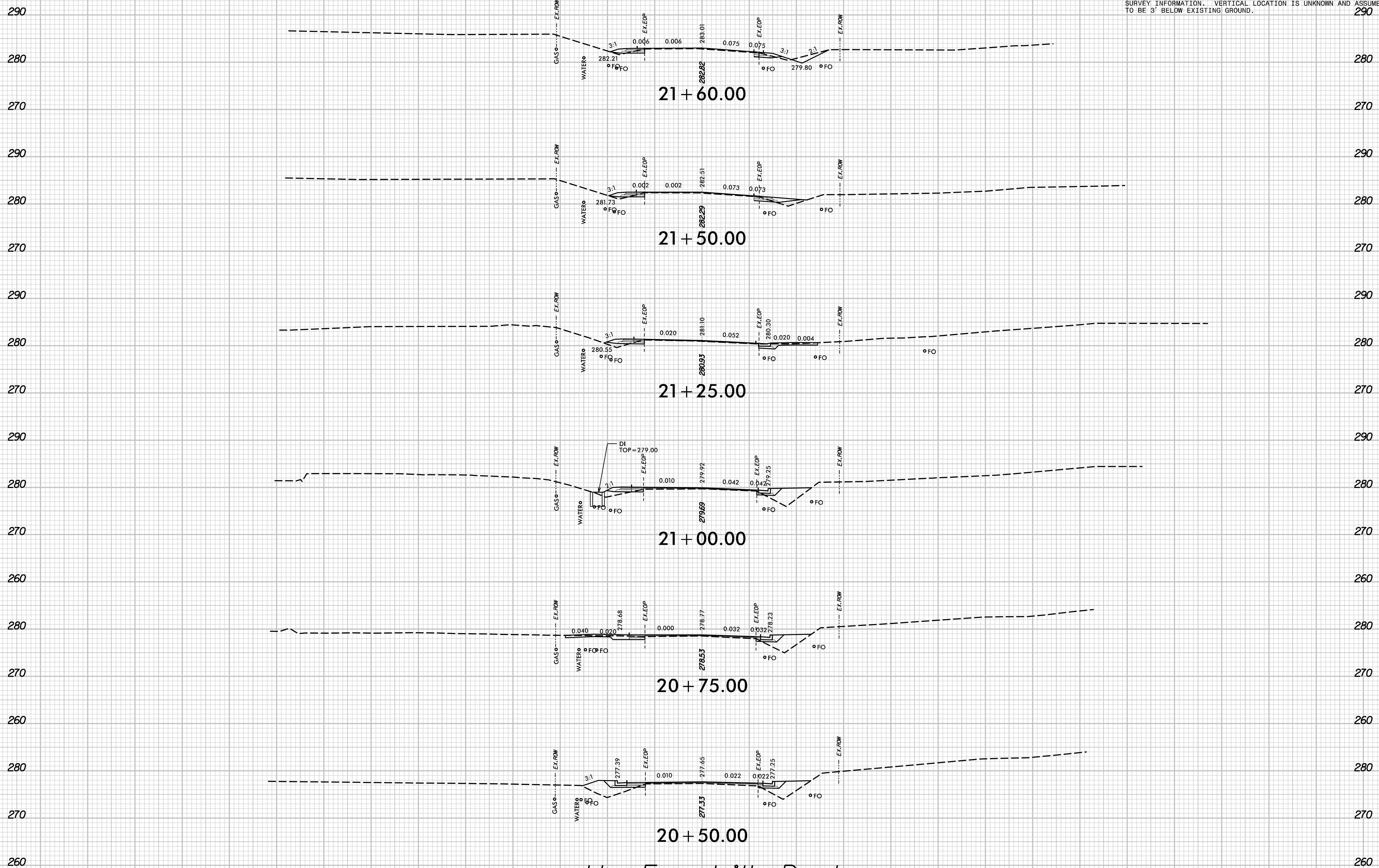
PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA

ROADWAY
 CROSS SECTIONS

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH		
DATE: 03/28/24		
SCALE:	REVISIONS	

SHEET NO.
 X-5

300 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 300



NOTES:
1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.

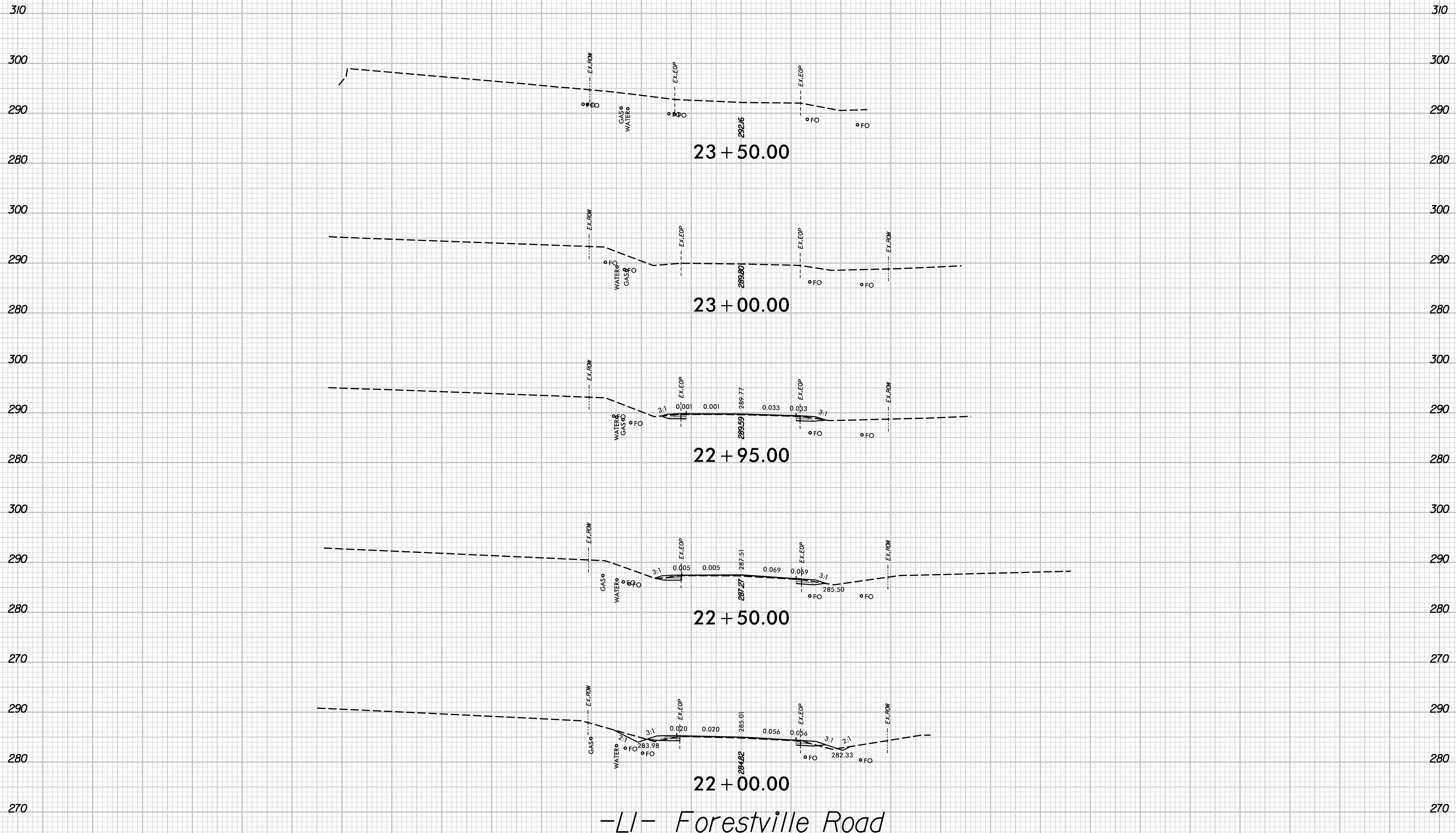
-LI- Forestville Road

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH		
DATE: 03/28/24		
SCALE:	REVISIONS	

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.



-LI- Forestville Road

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130



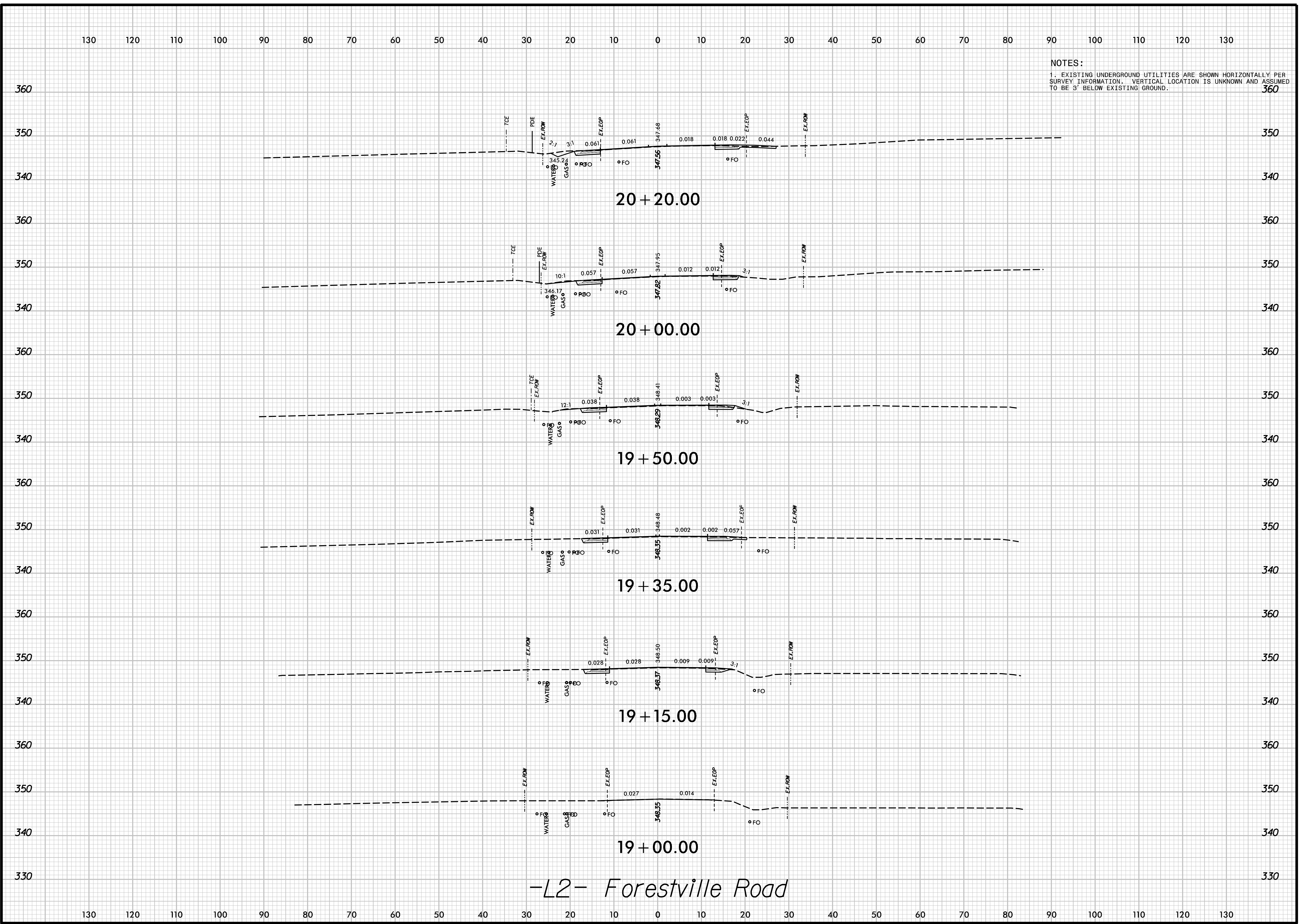
PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA

ROADWAY
 CROSS SECTIONS

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH		
SCALE:	REVISIONS	

SHEET NO.
 X-7

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.

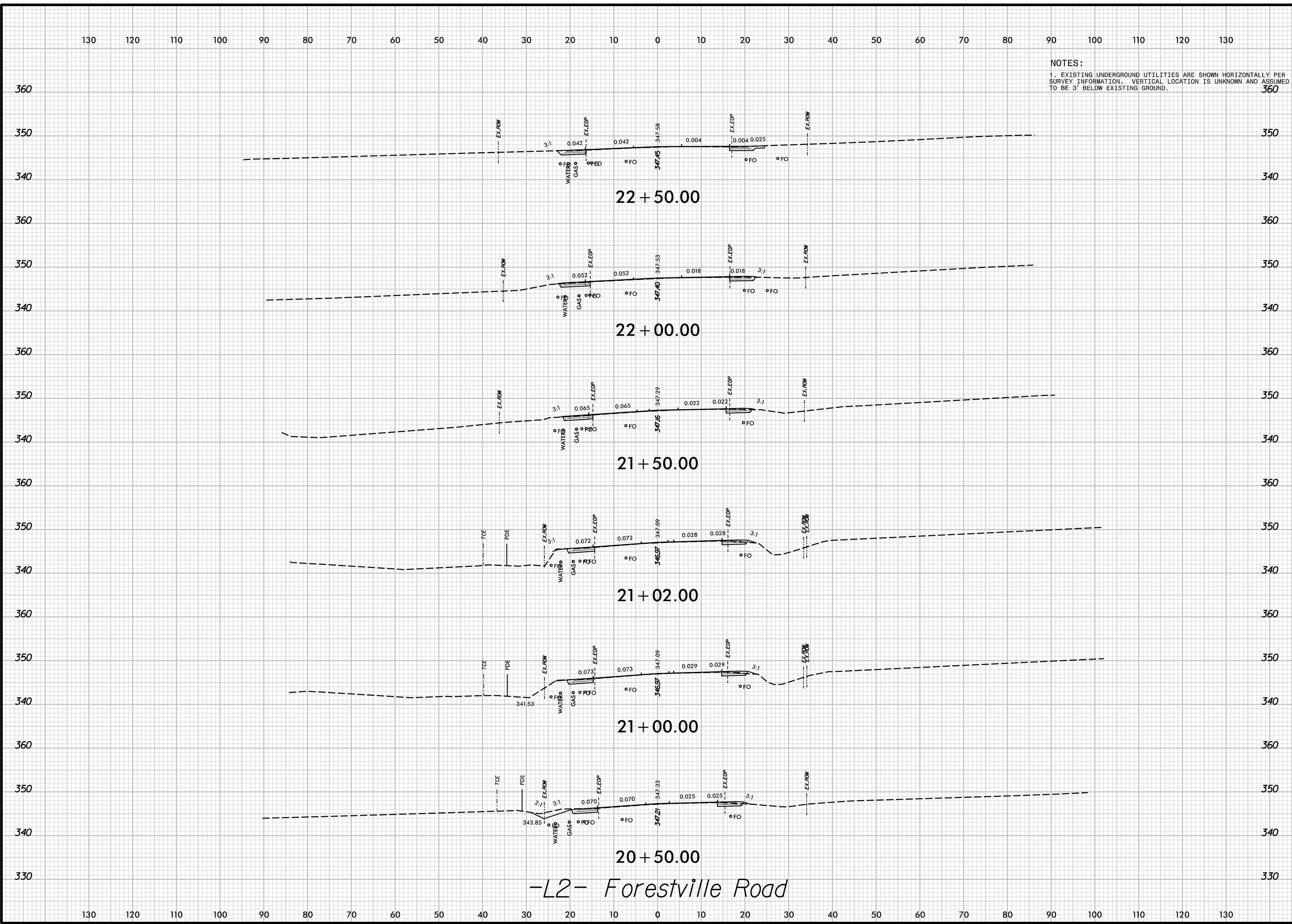


**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**ROADWAY
 CROSS SECTIONS**

DESIGNED BY: G. BOYLE	DATE: 03/28/24	INIT.	DATE
REVIEWED BY: E. LYNCH	SCALE:	REVISIONS	

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.



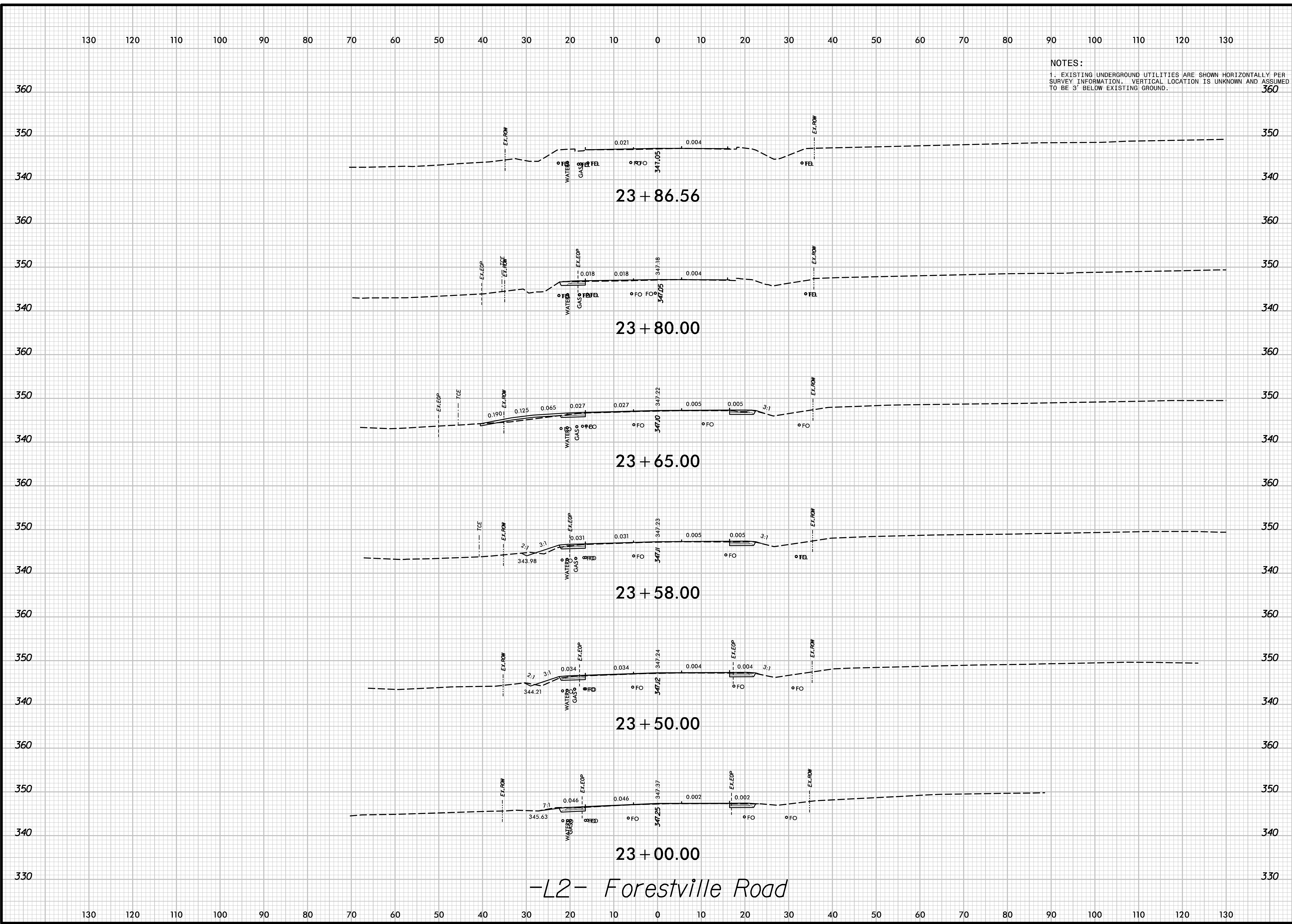
-L2- Forestville Road

**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**ROADWAY
 CROSS SECTIONS**

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH	INIT.	DATE
DATE: 03/28/24		
SCALE:	REVISIONS	

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.



-L2- Forestville Road

**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

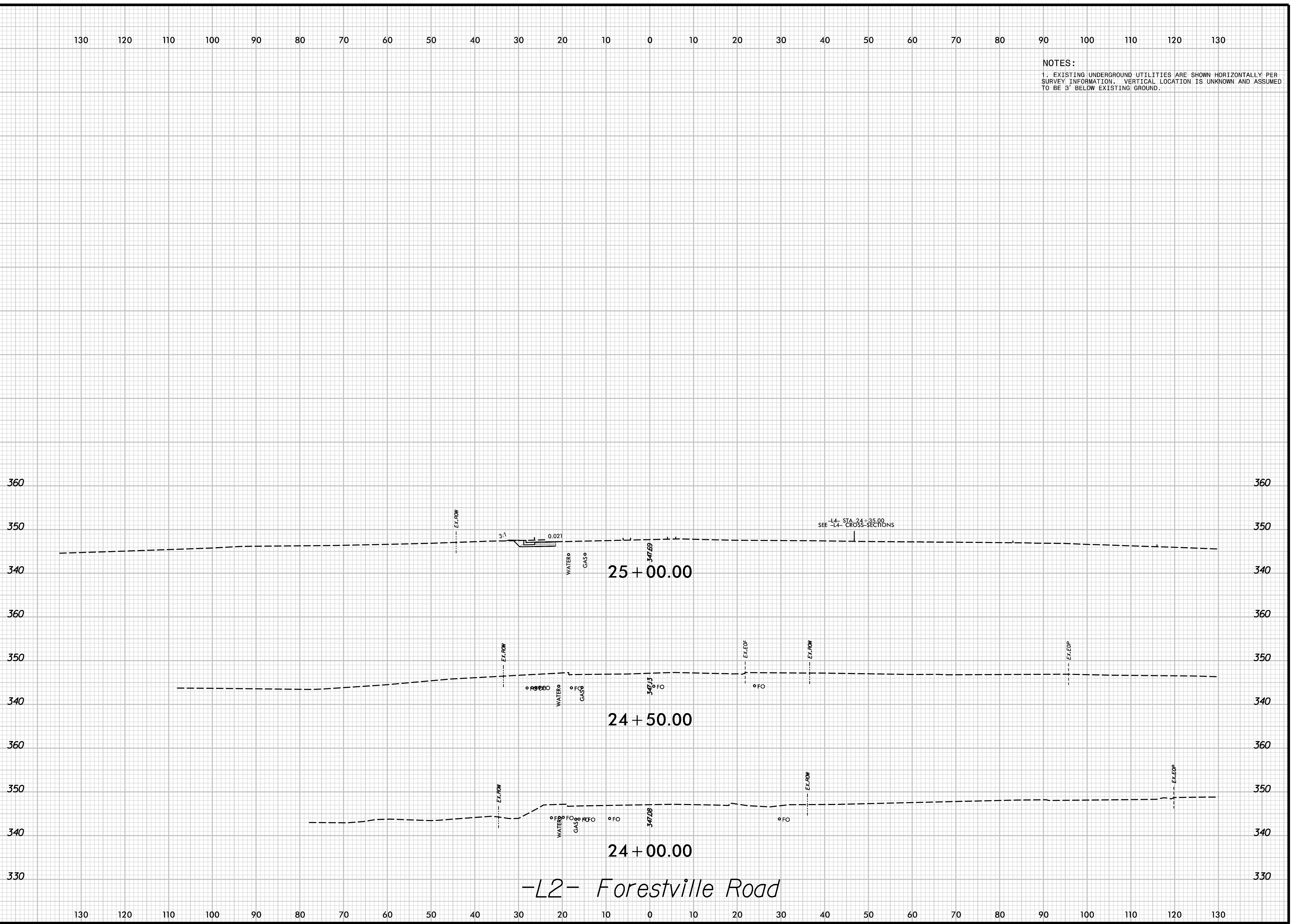
**ROADWAY
 CROSS SECTIONS**

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH	INIT.	DATE
DATE: 03/28/24		
SCALE:	REVISIONS	

**PEARCE FARM
ROADWAY IMPROVEMENTS
ROLESVILLE, NORTH CAROLINA**

**ROADWAY
CROSS SECTIONS**

NOTES:
1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.

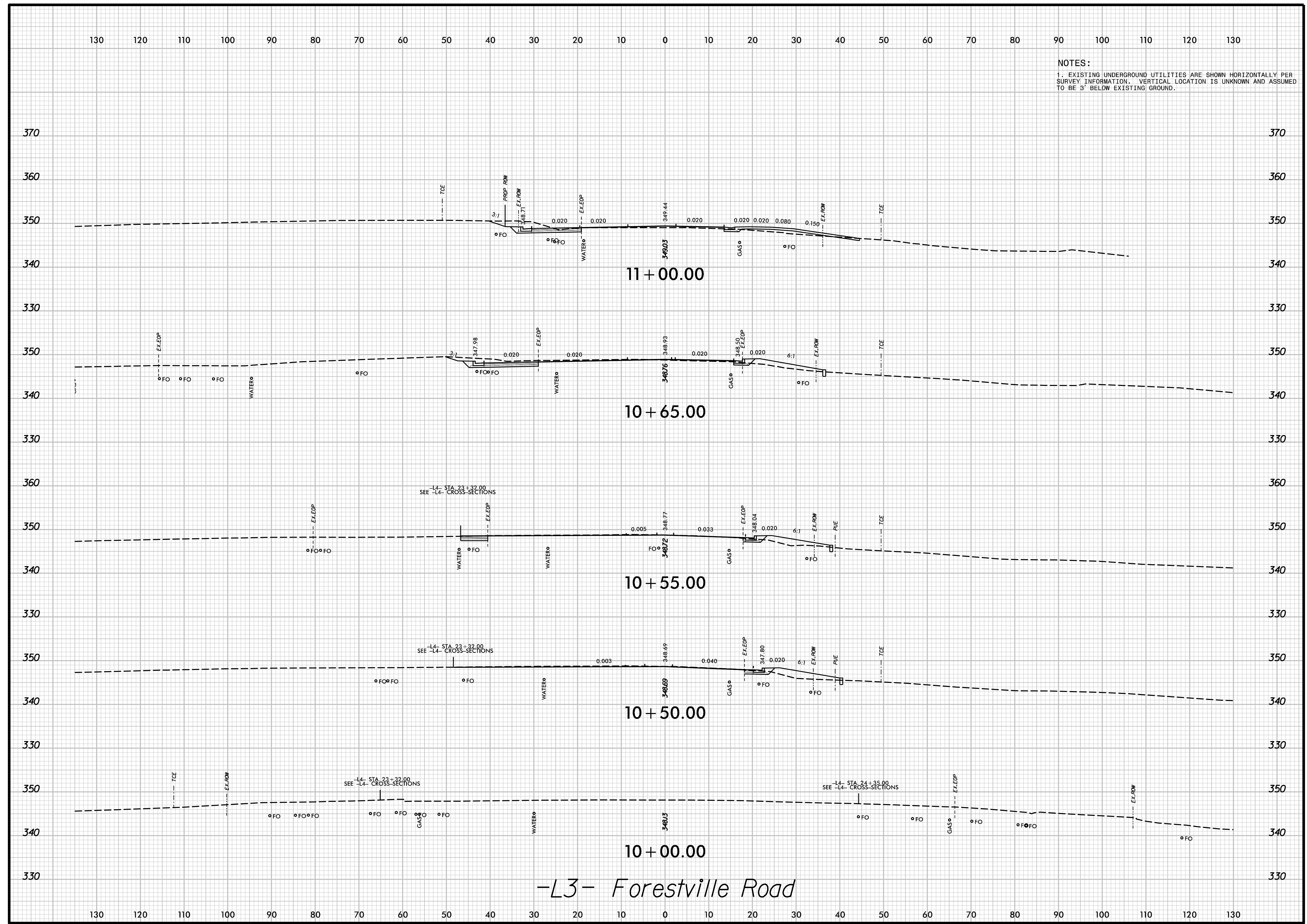


DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH		
DATE: 03/28/24		
SCALE:	REVISIONS	

**PEARCE FARM
ROADWAY IMPROVEMENTS
ROLESVILLE, NORTH CAROLINA**

**ROADWAY
CROSS SECTIONS**

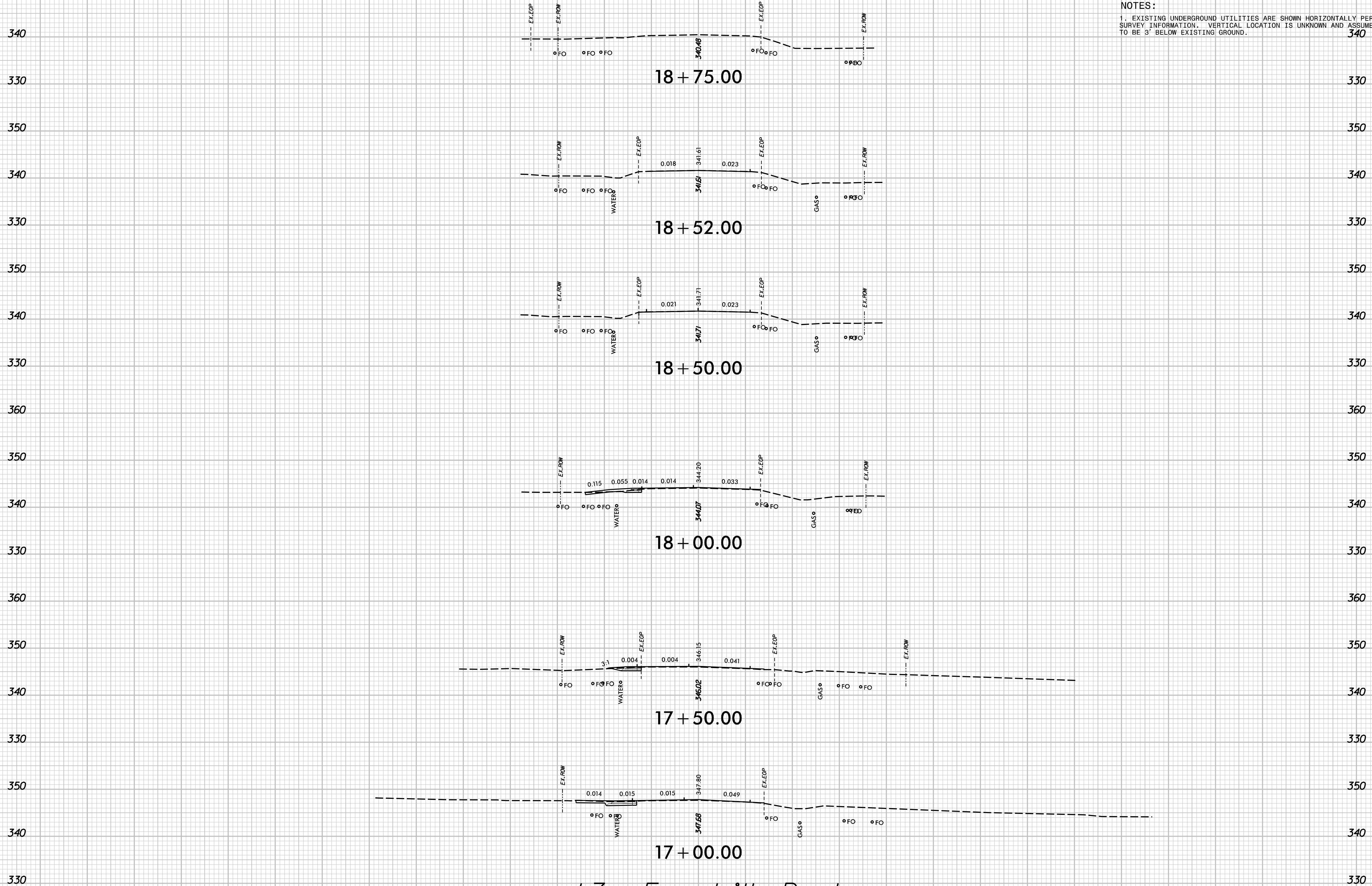
NOTES:
1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.



-L3- Forestville Road

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH	INIT.	DATE
DATE: 03/28/24	REVISIONS	
SCALE:		
SHEET NO.		
X-12		

350 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 350



NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

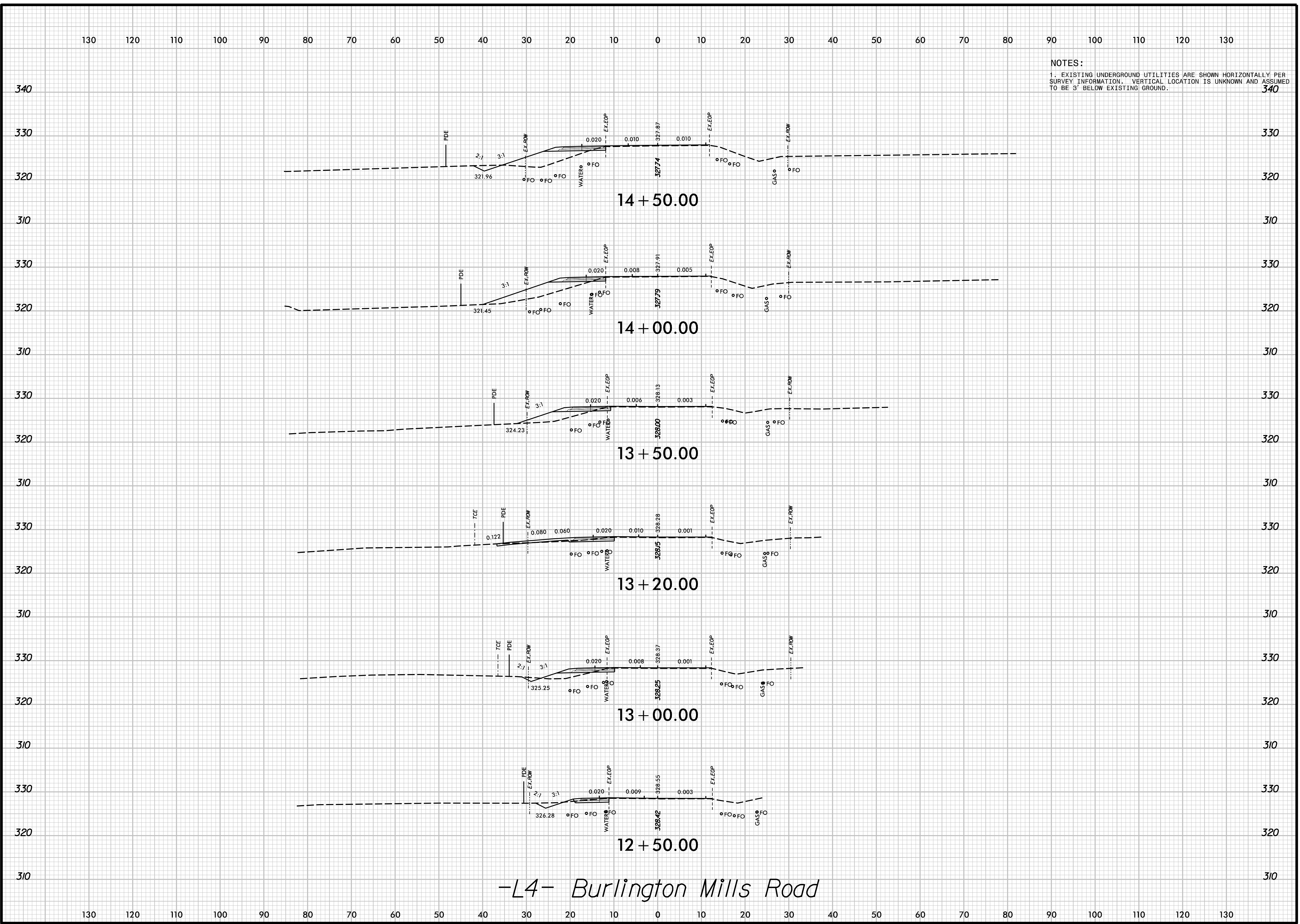
-L3- Forestville Road

**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**ROADWAY
 CROSS SECTIONS**

DESIGNED BY: G. BOYLE	DATE: 03/28/24	REVISIONS	INIT.	DATE
REVIEWED BY: E. LYNCH				

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.

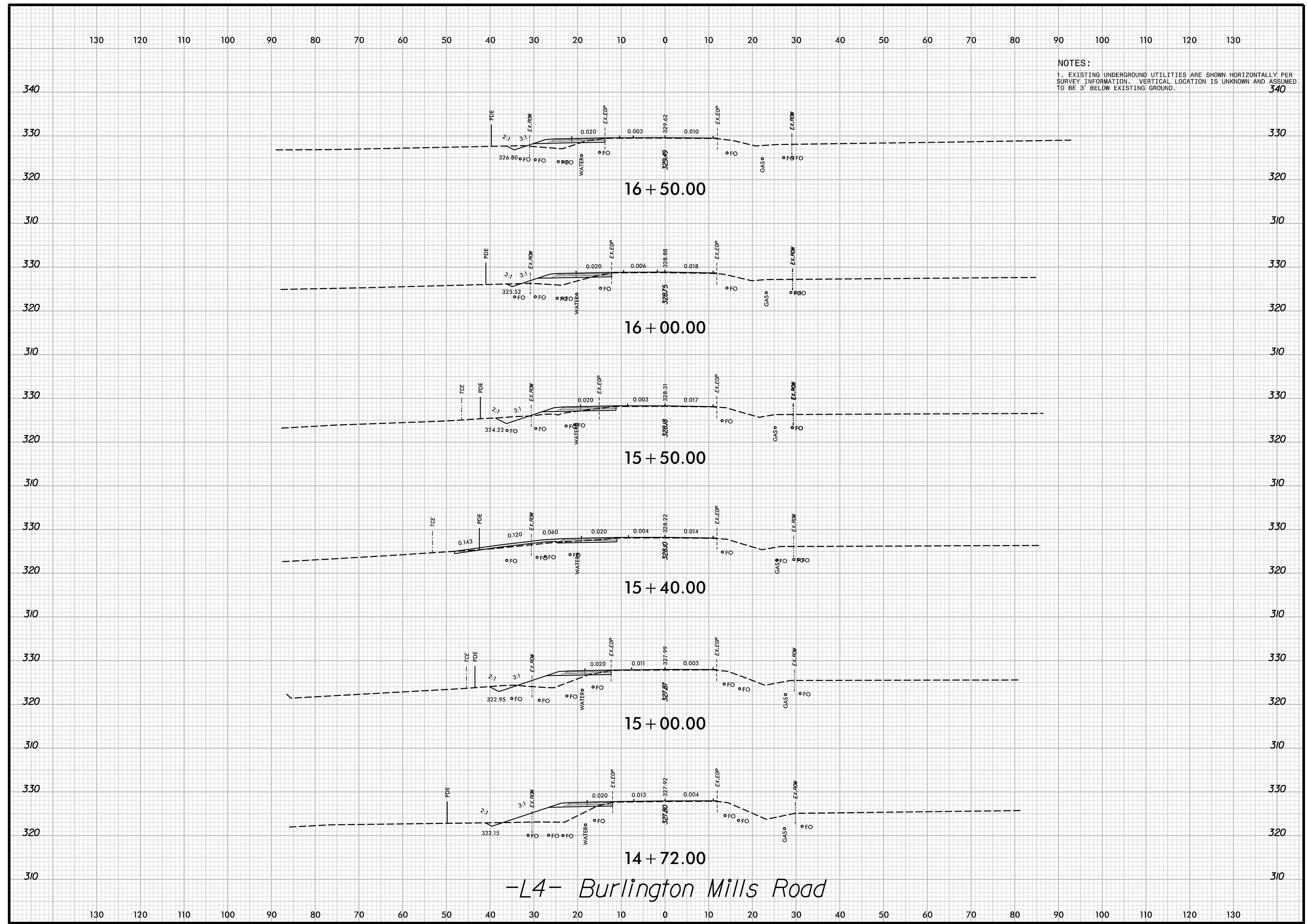


-L4- Burlington Mills Road

**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**ROADWAY
 CROSS SECTIONS**

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH		
DATE: 03/28/24		
SCALE:	REVISIONS	



NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.

**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

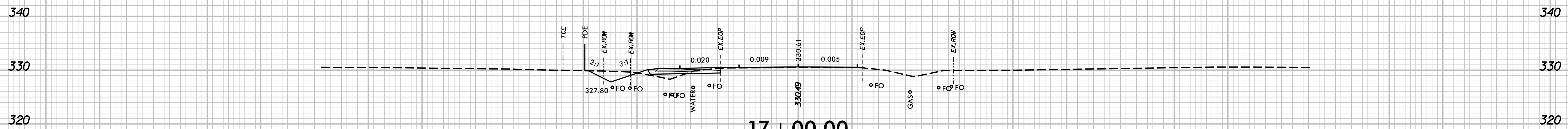
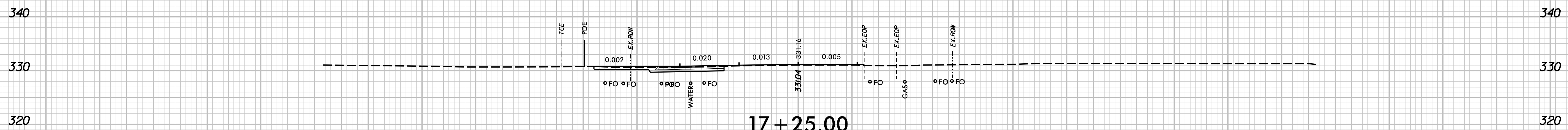
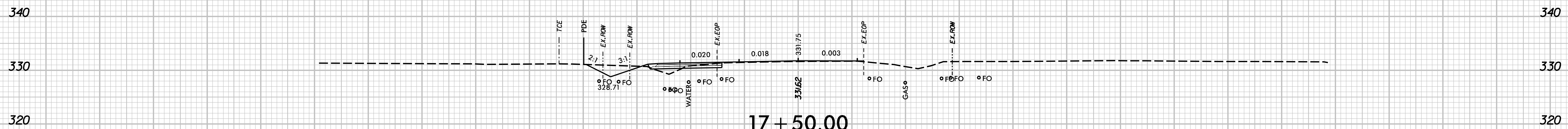
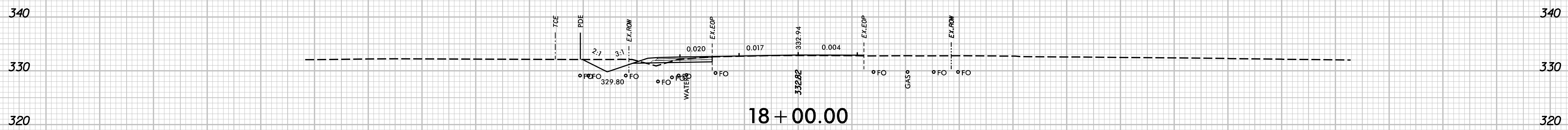
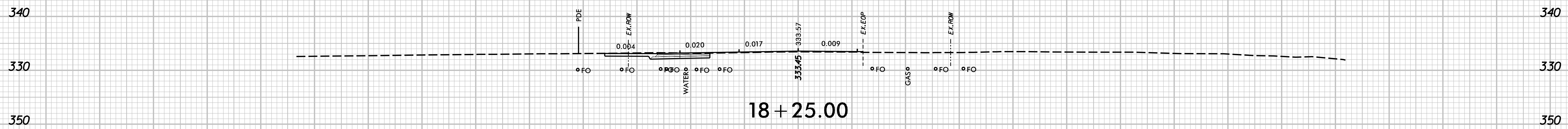
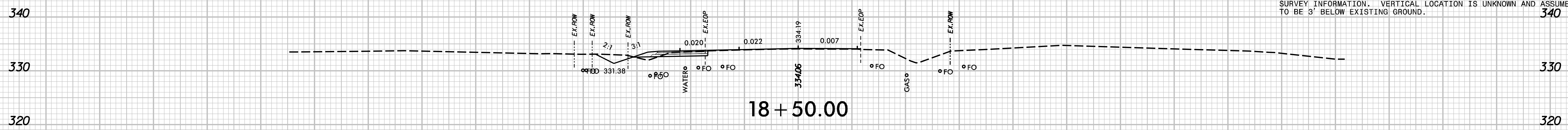
**ROADWAY
 CROSS SECTIONS**

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH	INIT.	DATE
SCALE: 03/28/24	REVISIONS	

-L4- Burlington Mills Road

350 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 350

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.



350 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 310

-L4- Burlington Mills Road

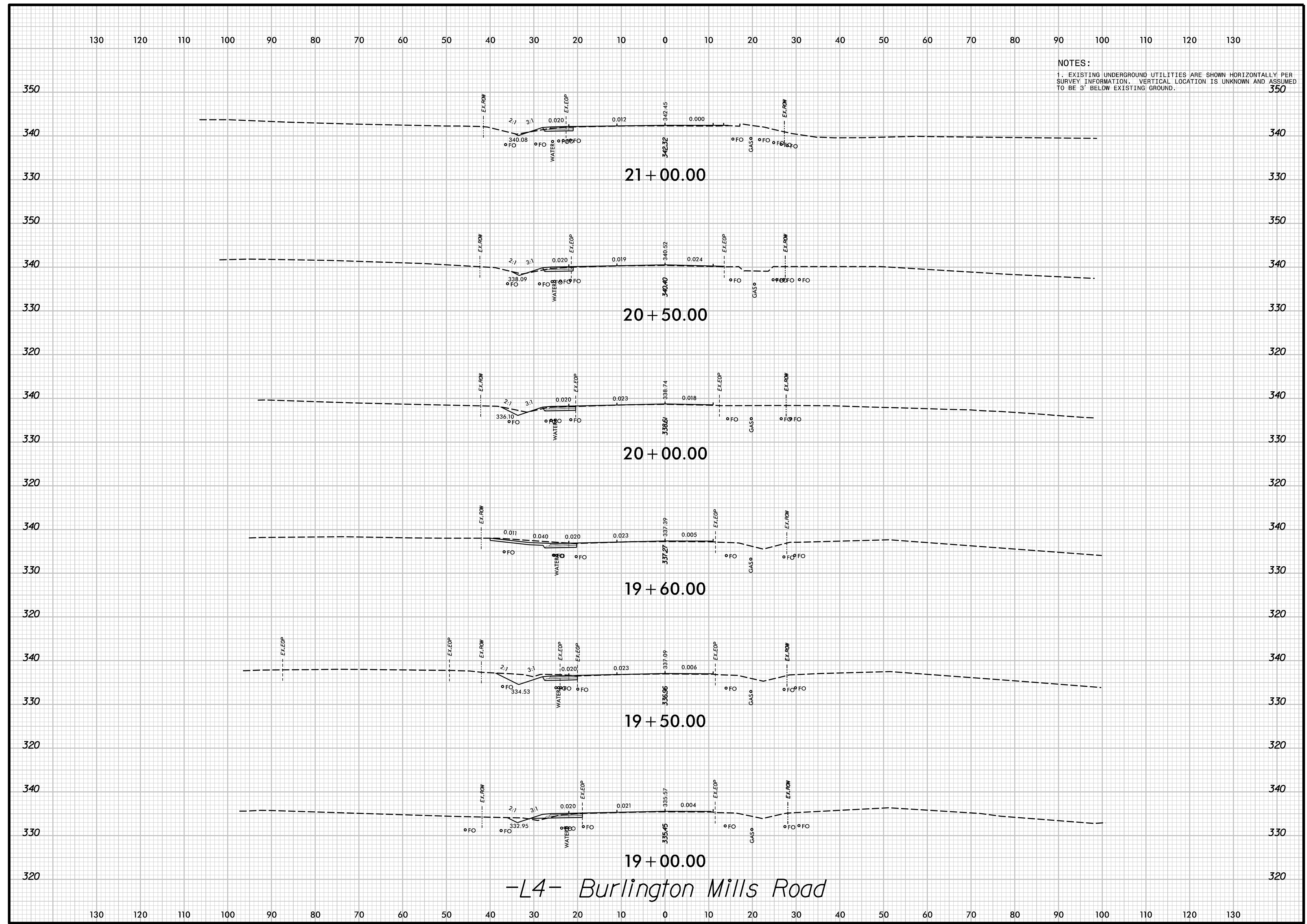


PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA

ROADWAY
 CROSS SECTIONS

DESIGNED BY: G. BOYLE	DATE: 03/28/24	REVISIONS	INIT.	DATE
REVIEWED BY: E. LYNCH				

SHEET NO.
 X-20



NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.

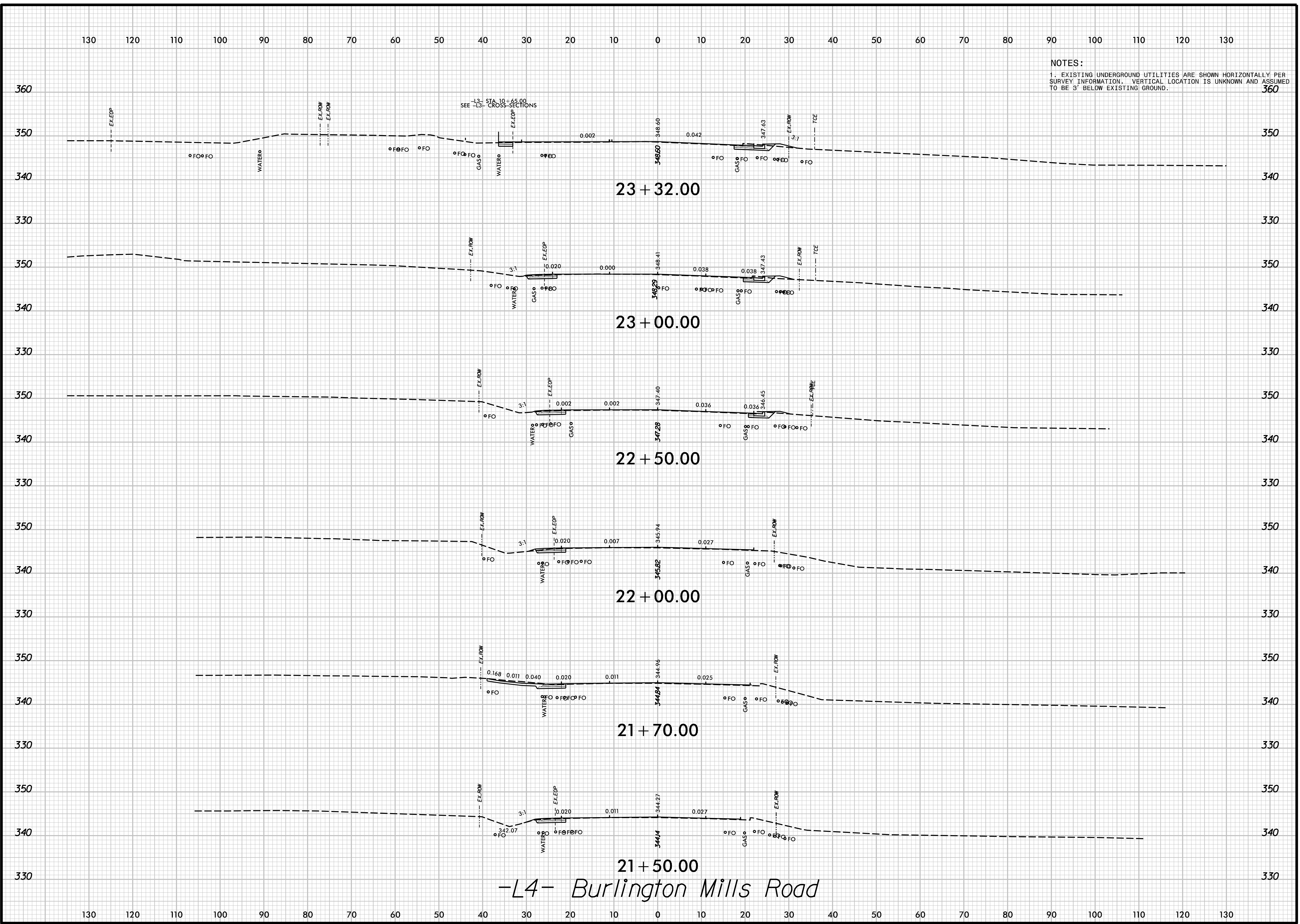
-L4- Burlington Mills Road

**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**ROADWAY
 CROSS SECTIONS**

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH		
DATE: 03/28/24		
SCALE:		
REVISIONS		

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.

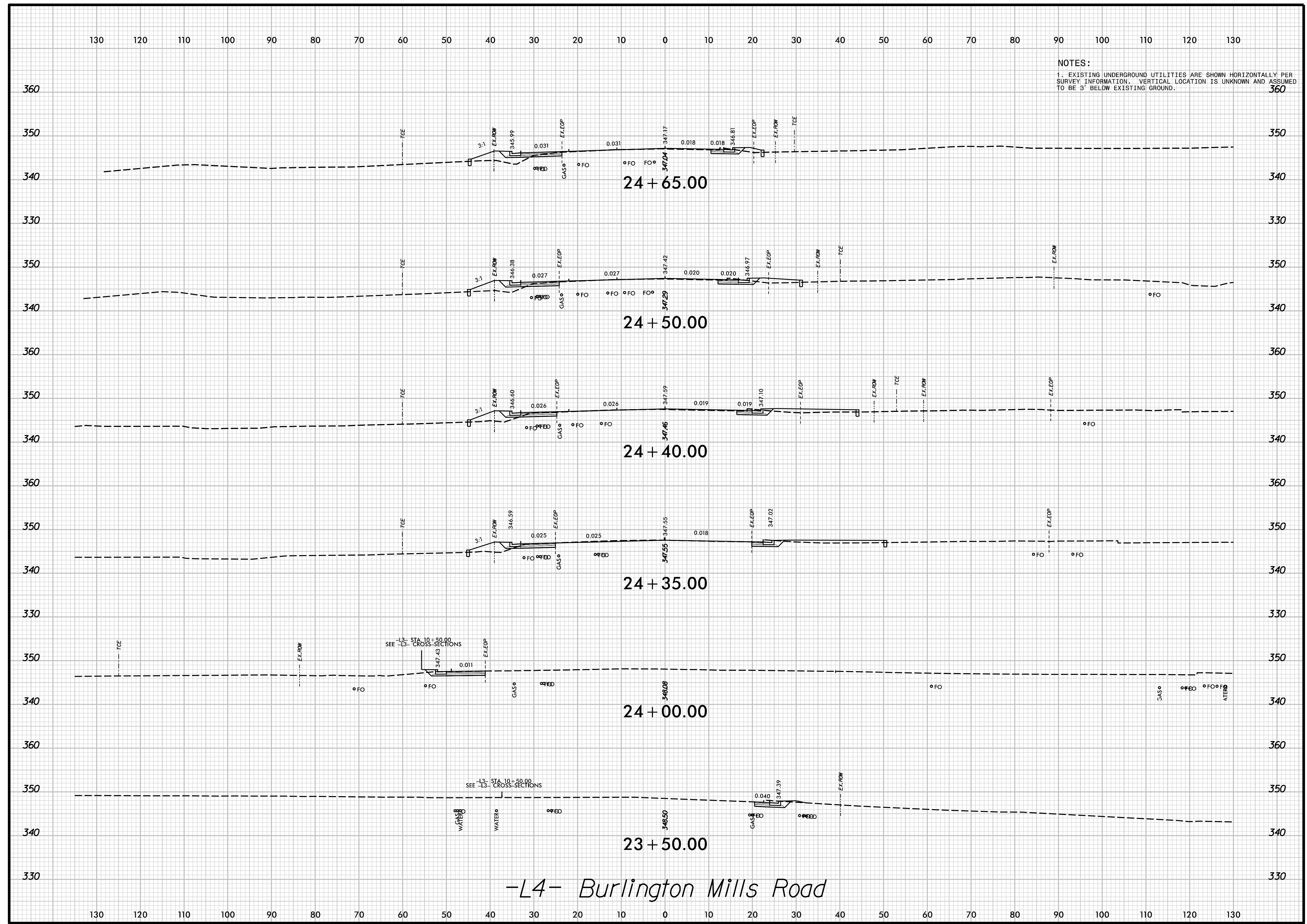


-L4- Burlington Mills Road

**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**ROADWAY
 CROSS SECTIONS**

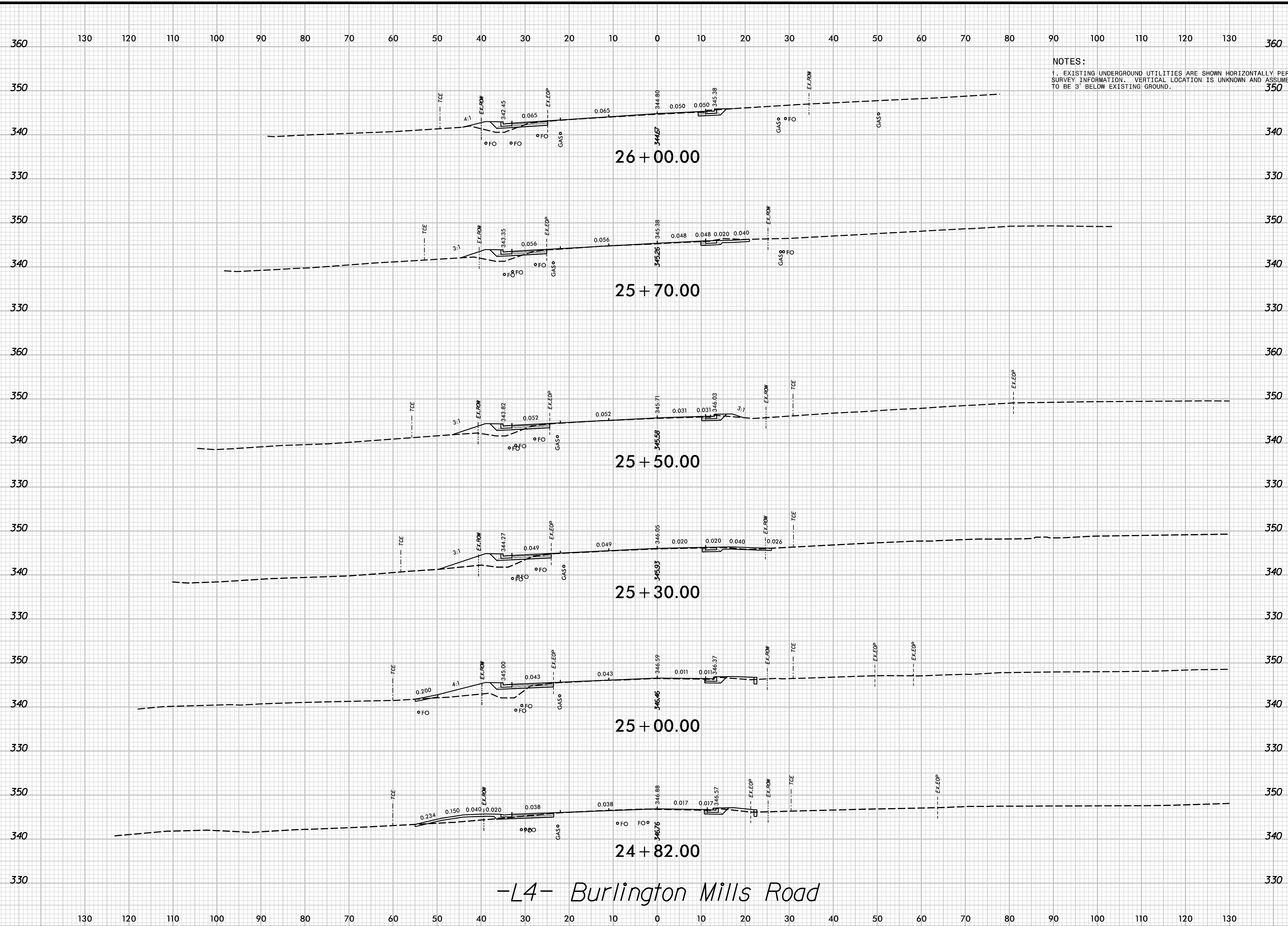
DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH	INIT.	DATE
DATE: 03/28/24	REVISIONS	



**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**ROADWAY
 CROSS SECTIONS**

JOB NO.: 00103002 DATE: 03/28/24 SCALE:	DESIGNED BY: G. BOYLE REVIEWED BY: E. LYNCH	DATE INIT. DATE INIT.
REVISIONS		DATE INIT.



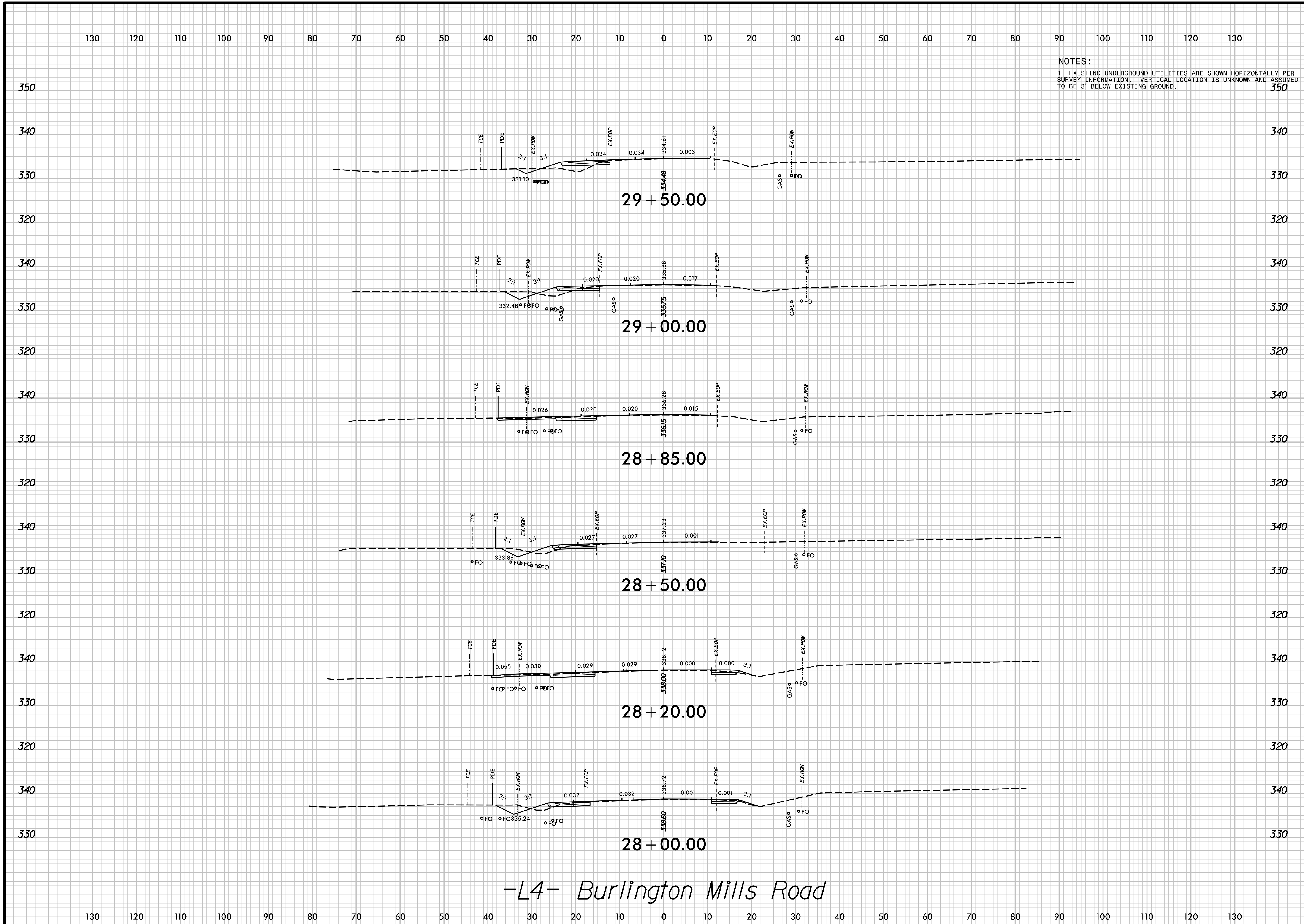
NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.

**PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA**

**ROADWAY
 CROSS SECTIONS**

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH	INIT.	DATE
DATE: 03/28/24	REVISIONS	

-L4- Burlington Mills Road



NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.

-L4- Burlington Mills Road



PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA

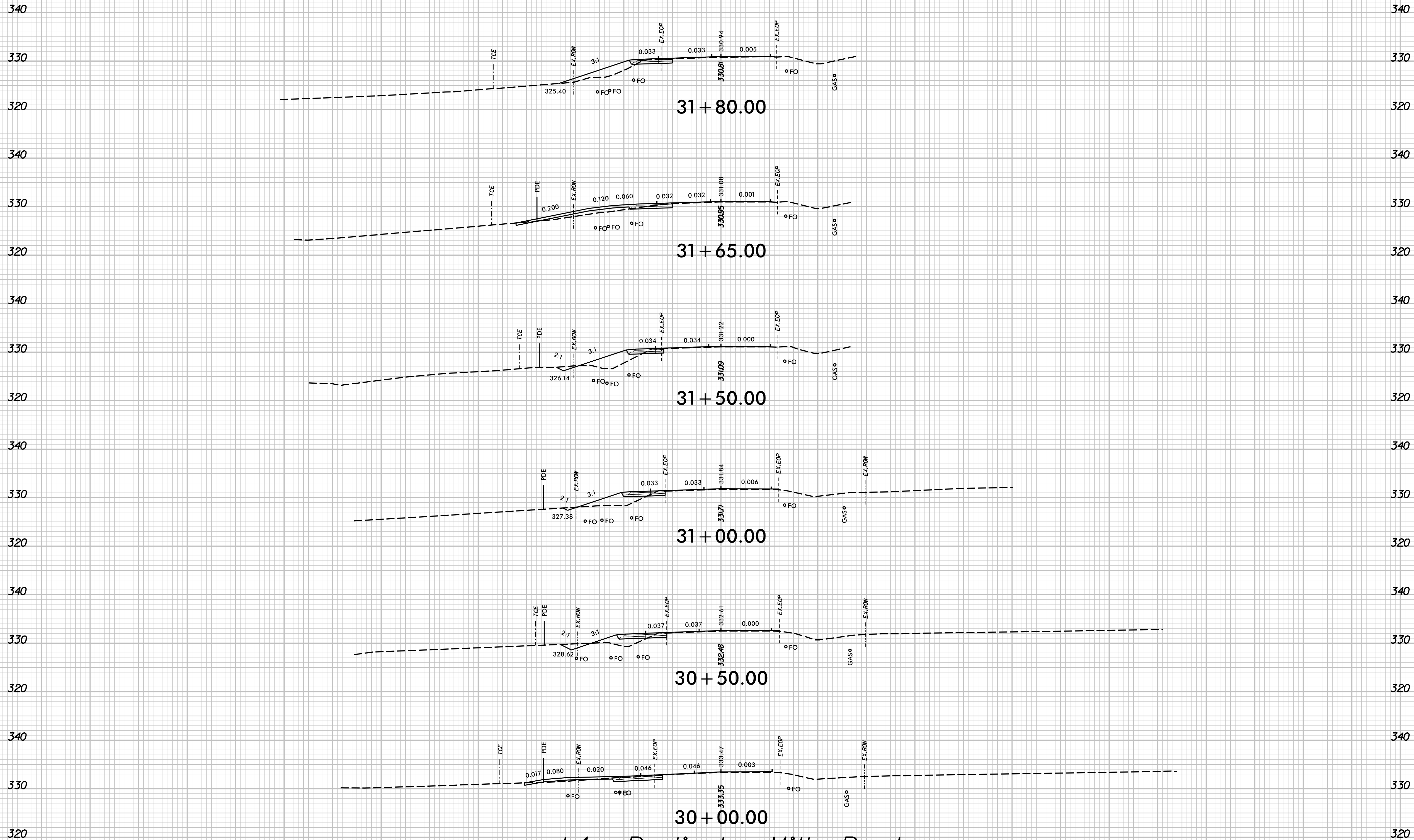
ROADWAY
 CROSS SECTIONS

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH		
SCALE:	REVISIONS	

SHEET NO.
 X-26

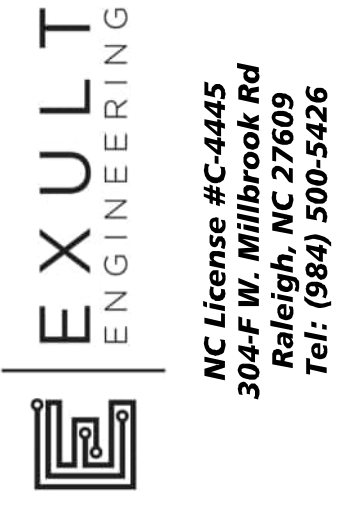
130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.



-L4- Burlington Mills Road

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130



PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA

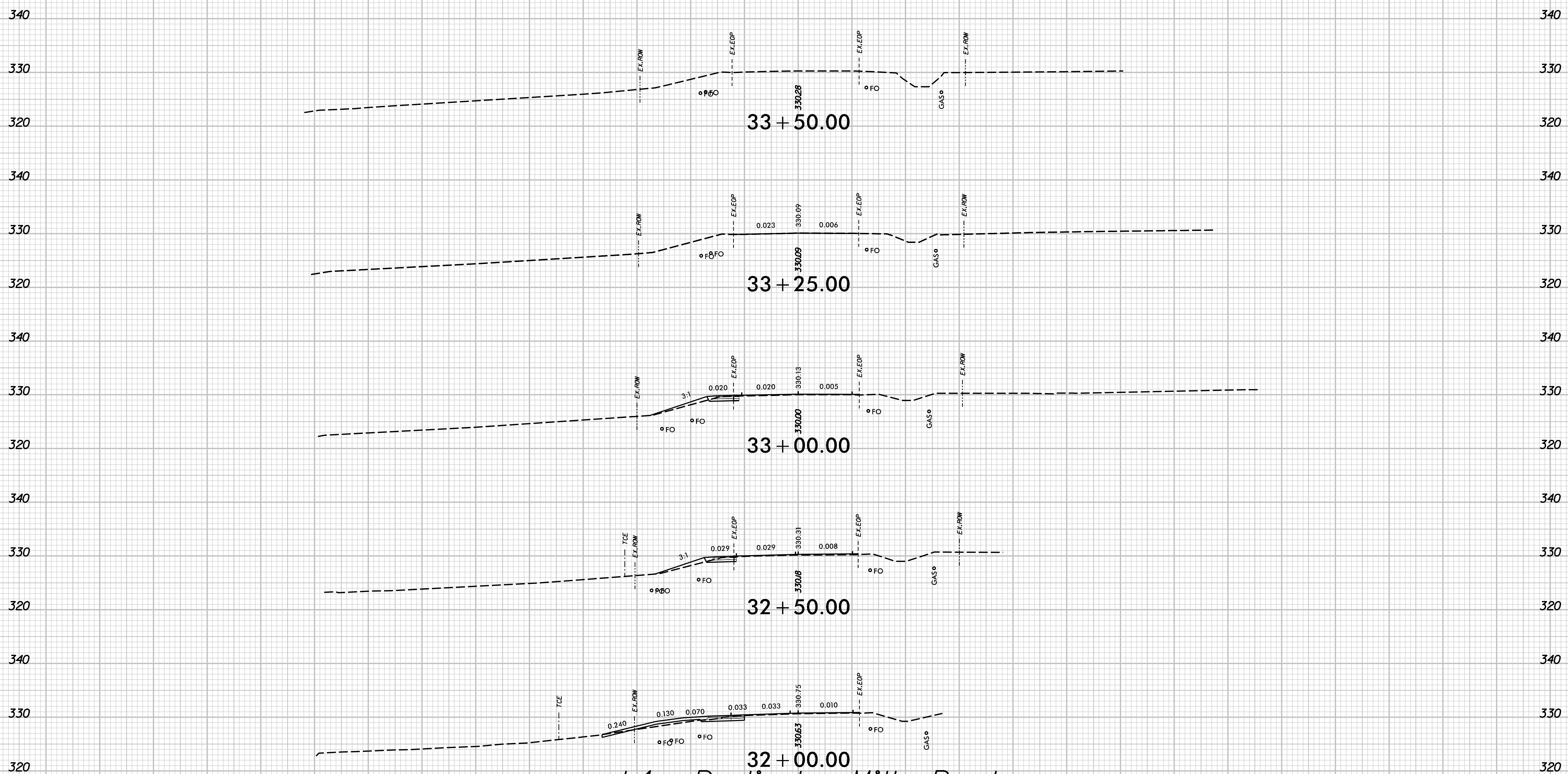
ROADWAY
 CROSS SECTIONS

DESIGNED BY: G. BOYLE	DATE	INIT.	DATE
REVIEWED BY: E. LYNCH	03/28/24		
SCALE:		REVISIONS	

SHEET NO.
X-27

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130

NOTES:
 1. EXISTING UNDERGROUND UTILITIES ARE SHOWN HORIZONTALLY PER SURVEY INFORMATION. VERTICAL LOCATION IS UNKNOWN AND ASSUMED TO BE 3' BELOW EXISTING GROUND.



-L4- Burlington Mills Road

130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130



PEARCE FARM
 ROADWAY IMPROVEMENTS
 ROLESVILLE, NORTH CAROLINA

ROADWAY
 CROSS SECTIONS

DESIGNED BY: G. BOYLE	INIT.	DATE
REVIEWED BY: E. LYNCH	INIT.	DATE
DATE: 03/28/24		
SCALE:		
REVISIONS		

SHEET NO.
X-28