



ECS SOUTHEAST, LLC

NC Engineering License No. F-1519

Geotechnical • Construction Materials • Environmental • Facilities

February 28, 2025

Matthew J. Alexander, P.E.
 Assistant State Geotechnical Engineer
 Geotechnical Engineering Unit
 1589 Mail Service Center
 Raleigh, NC. 27699-1589

Reference: **Potential UST Investigation Letter Report**
ECS Project: 49-24760
TIP No.: U-3609B
WSB No.: 39026.1.2
County: Wayne
Description: US 13 (Berkley Blvd) from SR 1003 (New Hope Rd) to US 70 Bypass. With intersection improvements at SR 1572 (Saulston Rd)
Site:

Parcel # Plan Sheet	Owner	Site Address
001 PSH 4	N.S. Holdings LLC	1813 N. Berkeley Blvd Goldsboro, NC 27534

Dear Mr. Alexander:

ECS Southeast, LLC (ECS) has prepared a summary letter report to document the findings and observations for the two (2) potential underground storage tanks (USTs) previously identified at the above-referenced site. This letter report includes a description of the work performed, findings, and observations as authorized by your acceptance of ECS Proposal No. 49-48184P (dated December 10, 2024) with a Notice to Proceed (dated December 17, 2024) under Limited Services Contract Number 7000022001, P.O. Number 6300078250.

To facilitate construction within the right of way (ROW) and/or easement for the US 13 improvements (including drainage) in Goldsboro, North Carolina. The North Carolina Department of Transportation (NCDOT) indicated UST closure by removal was necessary to for roadway construction.

In response to a request for proposal by Mr. Matthew Alexander, P.E. dated December 4, 2024 and subsequent work scope discussions with Mr. Craig Haden, L.G., ECS Southeast, LLC (ECS) submitted a proposal for conducting UST removal activities along the NCDOT Project “Goldsboro – US 13 (Berkeley Blvd.) from SR 1003 (New Hope Rd.) to SR 1572 (Saulston Rd.)” in Goldsboro, North Carolina at 1813 N. Berkley Boulevard – former N.S. Holdings, LLC property (Site). **Figure 1** illustrates the general Site location. The NCDOT Conventional Plan Sheet Symbols are provided on **Figure 2** and the Site is illustrated on **Figure 3**.

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 ECS New York Engineering, PLLC - An Associate of ECS Group of Companies • www.ecslimited.com

"ONE FIRM. ONE MISSION."

Background

Historical soil and groundwater sample results (8 soil, 1 groundwater) reported by others (CATLIN Engineers and Scientist's [CATLIN] *Geoenvironmental Phase II Investigation Report* dated January 27, 2020) did not indicate petroleum impacts to soil or groundwater at the Site. One (1) probable UST and one (1) no confidence anomaly were identified within the proposed ROW and/or easement during site geophysical surveying. The Site is identified on the NCDEQ Division of Waste Management Site Locator Tool as "Site ID: AST Incident #95750, UST Number: WA-89303 and WA-27682". No associated Laserfiche documents were linked to the Site.

UST Investigation

Evo Corporation, Inc. (Evo) was subcontracted by ECS to provide equipment and personnel for UST removal activities. ECS submitted A Notice of Intent for Permanent Closure or Change-In Service (UST-3) form for the two (2) 2,000-gallon (assumed) capacity USTs to the North Carolina Department of Environmental Quality (NCDEQ) UST Section on December 20, 2024.

Before field activities, ECS contacted 811 to locate/mark public underground utilities at the Site. Required separation distances between subsurface activities and marked utilities (typically 30-inches) were maintained during the field activities. Evo contacted the local authorities, and a UST removal permit was obtained from the Wayne County fire marshal.

Additionally, ECS prepared a site-specific health and safety plan (HASP). The HASP documented the known or suspected hazards, applicable personal protective equipment for site personnel, and emergency response procedures. ECS, its subcontractors, and applicable site personnel reviewed the site-specific HASP.

On January 20, 2025, ECS and Evo mobilized to the Site. ECS observed and documented the findings during excavation activities conducted Evo. Large concrete slabs and various construction debris were encountered at approximately 1 foot below ground surface (ft. bgs). Evo continued excavating to a maximum depth of 5 ft. bgs and no USTs were encountered. The excavated soil was periodically collected by hand and placed in sealable polyethylene bags. The soil headspace in the bags was screened for volatile organic vapors with a photo-ionization detector (PID). Elevated PID readings were not observed. Soils were stockpiled beside the eastern sidewall of the suspected UST excavation area. Site photographs documenting the findings and observations during excavation activities are provided as an attachment.

The excavation was backfilled with the stockpiled overburden (emplaced in approximately 12-inch lifts and bucket tamped) and capped with approximately 6 inches of ABC stone. The backfilling and Site restoration activities were completed by Evo on January 20, 2025.

Summary, Conclusions, and Recommendations

On January 20th, 2025, ECS documented no indications USTs were present on at the Site. Groundwater was not observed in the excavation basin at its maximum depth of approximately 5 ft bgs.

Based on the finding and observations, CATLIN's historical soil and groundwater sample results, and the

Potential UST Investigation Report
Parcel 001 – N.S. Holdings LLC

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current NCDEQ regulations, it is ECS' opinion that no further action at the Site is required. ECS recommends a copy of this letter report be submitted to Ms. Allison Ward (Allison.Ward@deq.nc.gov) at the NCDEQ Washington Regional Office.

If you have any questions or need additional services, please feel free to contact us at the e-mail and phone numbers below.

Respectfully,

ECS SOUTHEAST, LLC



Samantha M. Szakasits, P.G.
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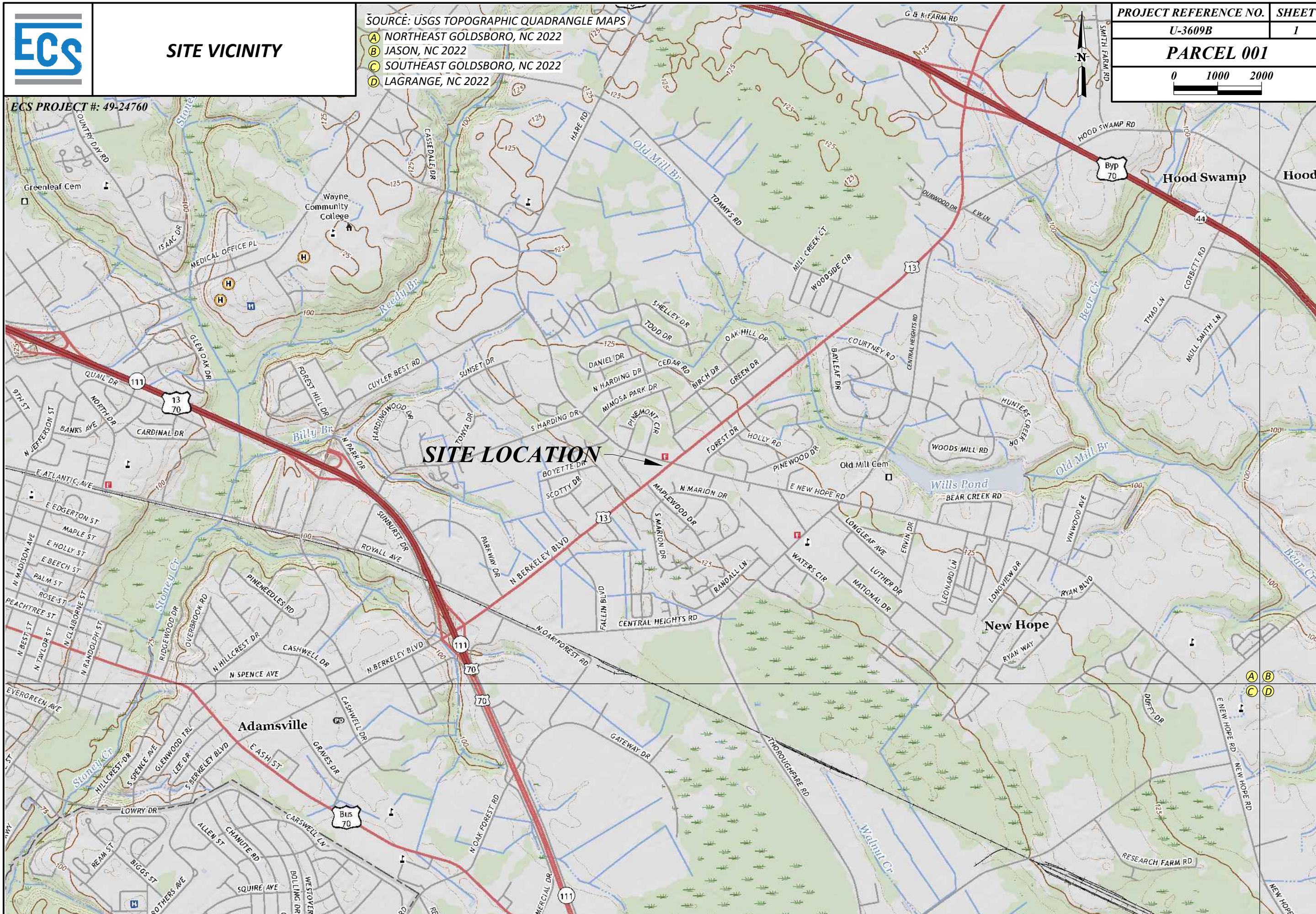


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Attachments: Figures – Site Vicinity, NCDOT Conventional Plan Sheet Symbols, Site Plan
Site Photographs



04/06/15

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 
 Property Corner _____
 Property Monument 
 Parcel/Sequence Number 

Existing Fence Line _____
 Proposed Woven Wire Fence _____
 Proposed Chain Link Fence _____
 Proposed Barbed Wire Fence 
 Existing Wetland Boundary 
 Proposed Wetland Boundary 
 Existing Endangered Animal Boundary 
 Existing Endangered Plant Boundary 
 Existing Historic Property Boundary 

Known Contamination Area: Soil 
 Potential Contamination Area: Soil 
 Known Contamination Area: Water 
 Potential Contamination Area: Water 
 Contaminated Site: Known or Potential 

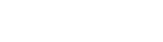
BUILDINGS AND OTHER CULTURE:

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 _____
 Buffer Zone 1 
 Buffer Zone 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:

Baseline Control Point 
 Existing Right of Way Marker 
 Existing Right of Way Line _____
 Proposed Right of Way Line 
 Proposed Right of Way Line with Iron Pin and Cap Marker 
 Proposed Right of Way Line with Concrete or Granite RW Marker 
 Proposed Control of Access Line with Concrete C/A Marker 
 Existing Control of Access 
 Proposed Control of Access 
 Existing Easement Line 
 Proposed Temporary Construction Easement 
 Proposed Temporary Drainage Easement 
 Proposed Permanent Drainage Easement 
 Proposed Permanent Drainage / Utility Easement 
 Proposed Permanent Utility Easement 
 Proposed Temporary Utility Easement 
 Proposed Aerial Utility Easement 
 Proposed Permanent Easement with Iron Pin and Cap Marker 

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:

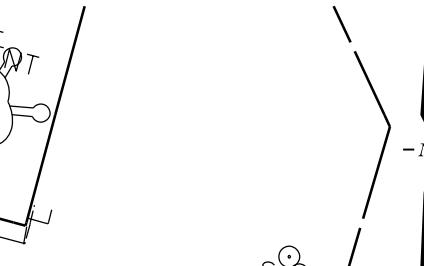
Utility Pole 
 Utility Pole with Base 
 Utility Located Object 
 Utility Traffic Signal Box 
 Utility Unknown U/G Line LOS B (S.U.E.*).
 U/G Tank; Water, Gas, Oil 
 Underground Storage Tank, Approx. Loc. 
 A/G Tank; Water, Gas, Oil 
 Geoenvironmental Boring 
 U/G Test Hole LOS A (S.U.E.*).
 Abandoned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



SITE PLAN

ECS PROJECT #: 49-24760

NOTE: HISTORICAL GEOPHYSICAL ANOMALY LOCATIONS
WERE EXCAVATED ON 01/17/2025. NO USTs WERE
ENCOUNTERED



PROJECT REFERENCE NO.	FIGURE
U-3609B	3

PARCEL 001

0 40 80
FEET

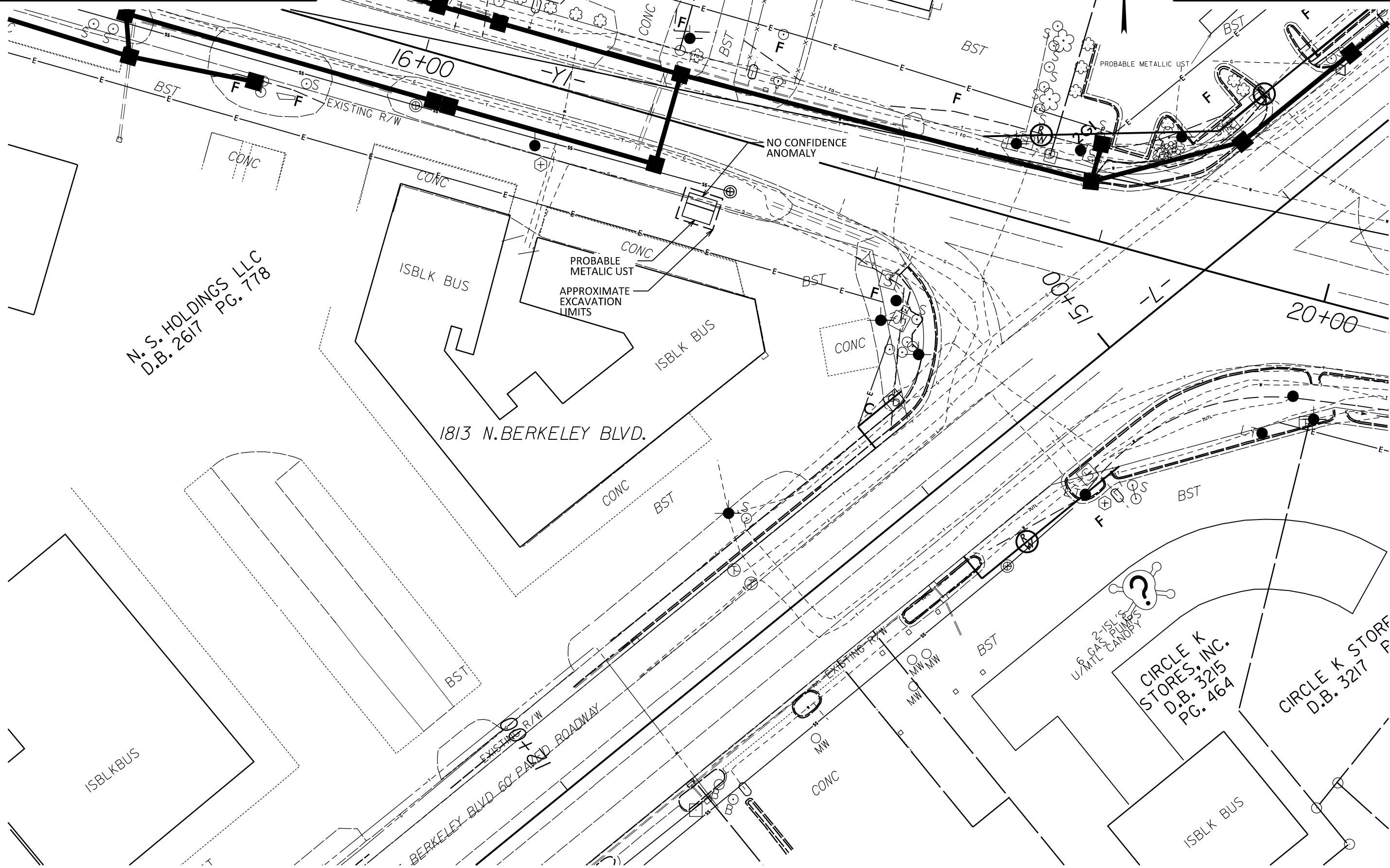




Photo 1 – View of the heavy equipment moved to and staged at the Site on 1/17/2025.



Photo 2 – Additional view of the heavy equipment moved to and staged at the Site on 1/17/2025.

SITE PHOTOGRAPHS



Parcel 001 – N.S. Holdings, LLC
1813 N. Berkeley Blvd.
Goldsboro, North Carolina

ECS Project Number: 49-24760



Photo 3 – View of the excavation revealing tan sand fill material, concrete, and construction debris on 1/20/2025.



Photo 4 – Another view of the excavation revealing tan sand fill material, concrete, and construction debris on 1/20/2025.

SITE PHOTOGRAPHS



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Photo 5 – View of the excavation revealing concrete and other construction debris on 1/20/2025.



Photo 2 – Detailed view of the concrete blocks observed in the excavation on 1/20/2025

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Photo 7 – View of the excavation area on its southern sidewall excavated to 5 ft bgs.



Photo 8 – Another view of the excavation area on its southern sidewall excavated to 5 ft bgs.

SITE PHOTOGRAPHS



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Photo 9 – View of the excavated extended another 3-4 feet to the south in an effort to locate the potential USTs.



Photo 10 – View of the extended portion of the excavation advanced down to 4 ft. bgs.

SITE PHOTOGRAPHS



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Photo 11 – View of the center and northern portions of the excavation at 5 ft. bgs.



Photo 12 – Another view of the center and northern portions of the excavation at 5 ft. bgs.

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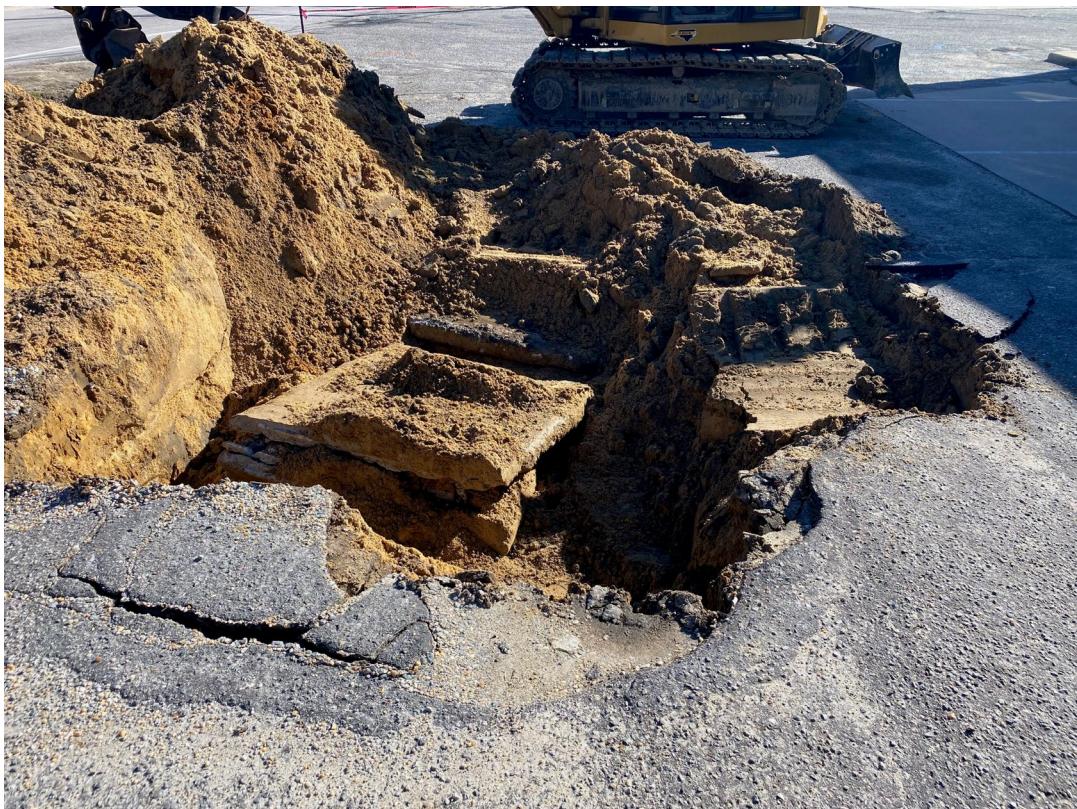


Photo 13 – View of the concrete debris and stockpiled excavated material placed back in the excavation.



Photo 14 – View of the excavation backfilled with the stockpiled excavated material.

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Photo 15 – View of the excavated area capped with approximately 6 inches of ABC stone.



Photo 16 – Another view of the excavated area capped with approximately 6 inches of ABC stone.

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