


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
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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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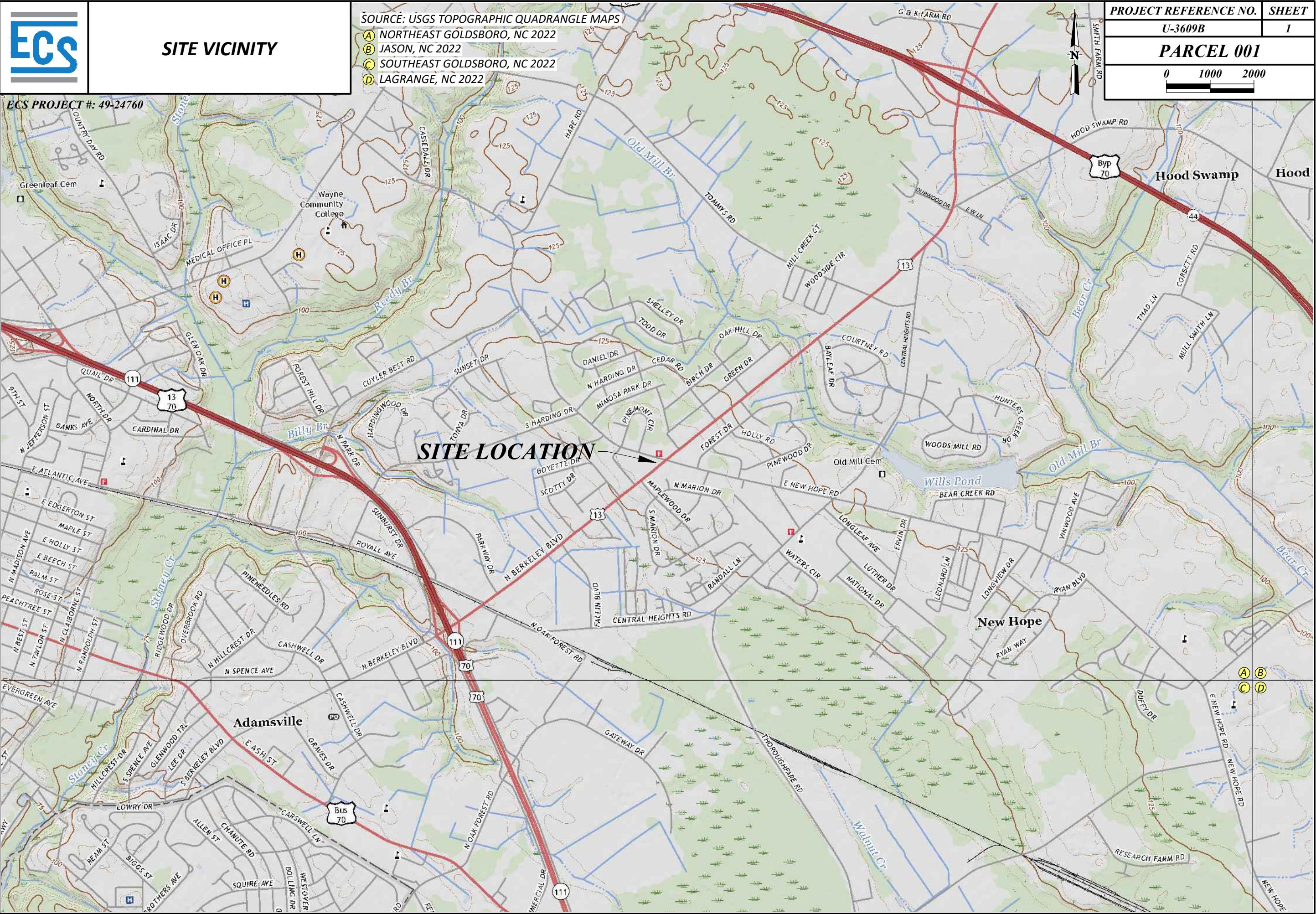


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Attachments: Figures – Site Vicinity, NCDOT Conventional Plan Sheet Symbols, Site Plan
Site Photographs

















































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

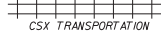













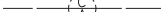








Note: Not to Scale *S.U.E. = Subsurface Utility Engineering

PROJECT REFERENCE NO.	FIGURE NO.
U-3609B	2
















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	
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 CA 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	

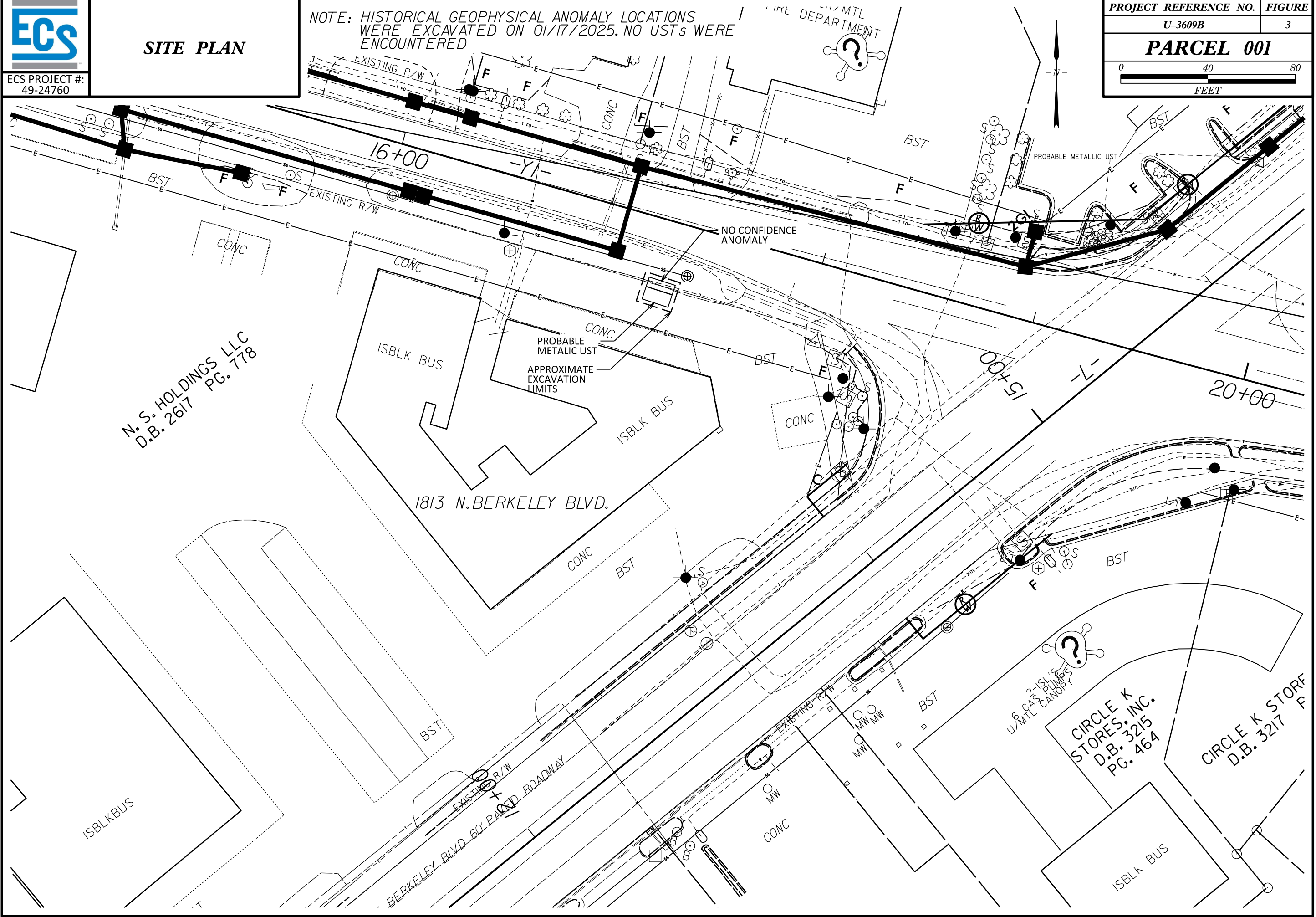




Photo 1 – View of the heavy equipment moved to and staged at the Site on 1/17/2025.



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.

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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.

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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.

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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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