

January 18, 2012

Mr. Terry Fox, LG
NCDOT Geotechnical Engineering Unit
1589 Mail Service Center
Raleigh, North Carolina 27699-1589

Re: Exploratory Excavation Report
Parcel 203, 1759 Piney Green Road
Onslow County, North Carolina
TIP: U-3810, WBS No. 35801.1.1

Dear Terry:

GEL Engineering of NC, Inc. (GEL) is submitting this letter report for the referenced exploratory excavation task, which was completed following issuance of the Notice to Proceed for TIP No. U-3810 on October 20, 2011. The purpose of this report is to provide documentation of GEL's findings for the exploratory excavations in November 2011.

The owner of the referenced site informed NCDOT personnel in 2011 of the suspected location of a heating oil underground storage tank (UST) near the southwest corner of the former residence at 1759 Piney Green Road in Onslow County, North Carolina. The location of the site is shown in Figure 1. The suspected UST had reportedly not been used for several years, and there was no aboveground evidence to indicate its location. Therefore, NCDOT requested GEL to search for the UST, and remove it for offsite disposal if found.

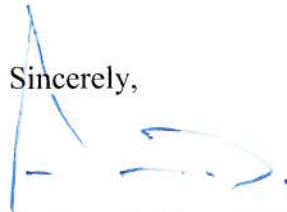
GEL conducted exploratory excavations at the site on November 9, 2011, following the demolition and removal of the former residence. The excavation area is shown in Figure 2. Photographs of the excavation activities are provided in Attachment A.

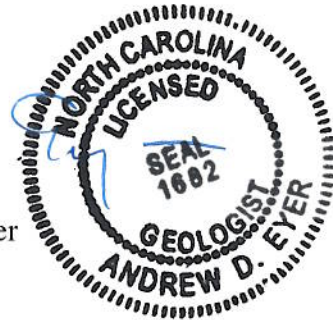
The excavations were performed A&D Environmental Services, Inc. of High Point, North Carolina using a backhoe. They were constructed in a grid pattern across the investigation area to an average depth of 3 to 4 feet below land surface. Neither the UST nor any evidence of a former UST was encountered during the excavations in the investigation area. Therefore, GEL recommends no further action regarding the suspected UST.

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Thank you for the opportunity to assist NCDOT with this project. If you have any questions regarding this letter report, please e-mail me at ade@gel.com or call me at (919) 323-8828.

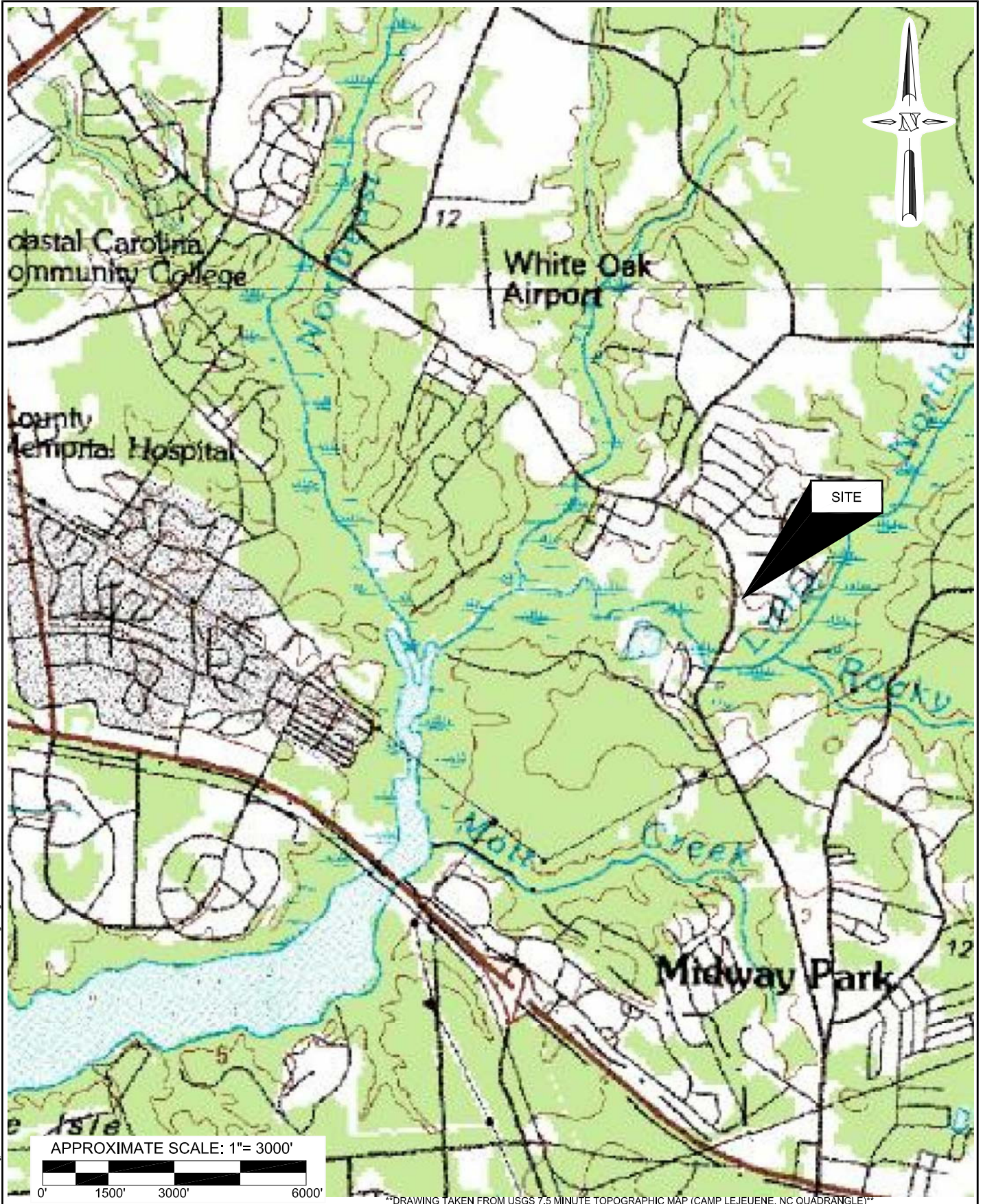
Sincerely,


Andrew D. Eyer, LG
Senior Project Manager



attachments

fc: ncdt00711_203.011812



DRAWING TAKEN FROM USGS 7.5 MINUTE TOPOGRAPHIC MAP (CAMP LEJEUNE, NC QUADRANGLE)

PLOTTED: Jan 12, 2012 - 6:48am BY: tjp FILE LOCATION: G:\P\N\ncsd\ncsd08711\ncsd08711\Fig\psd.dwg LAYOUT: Tab_283



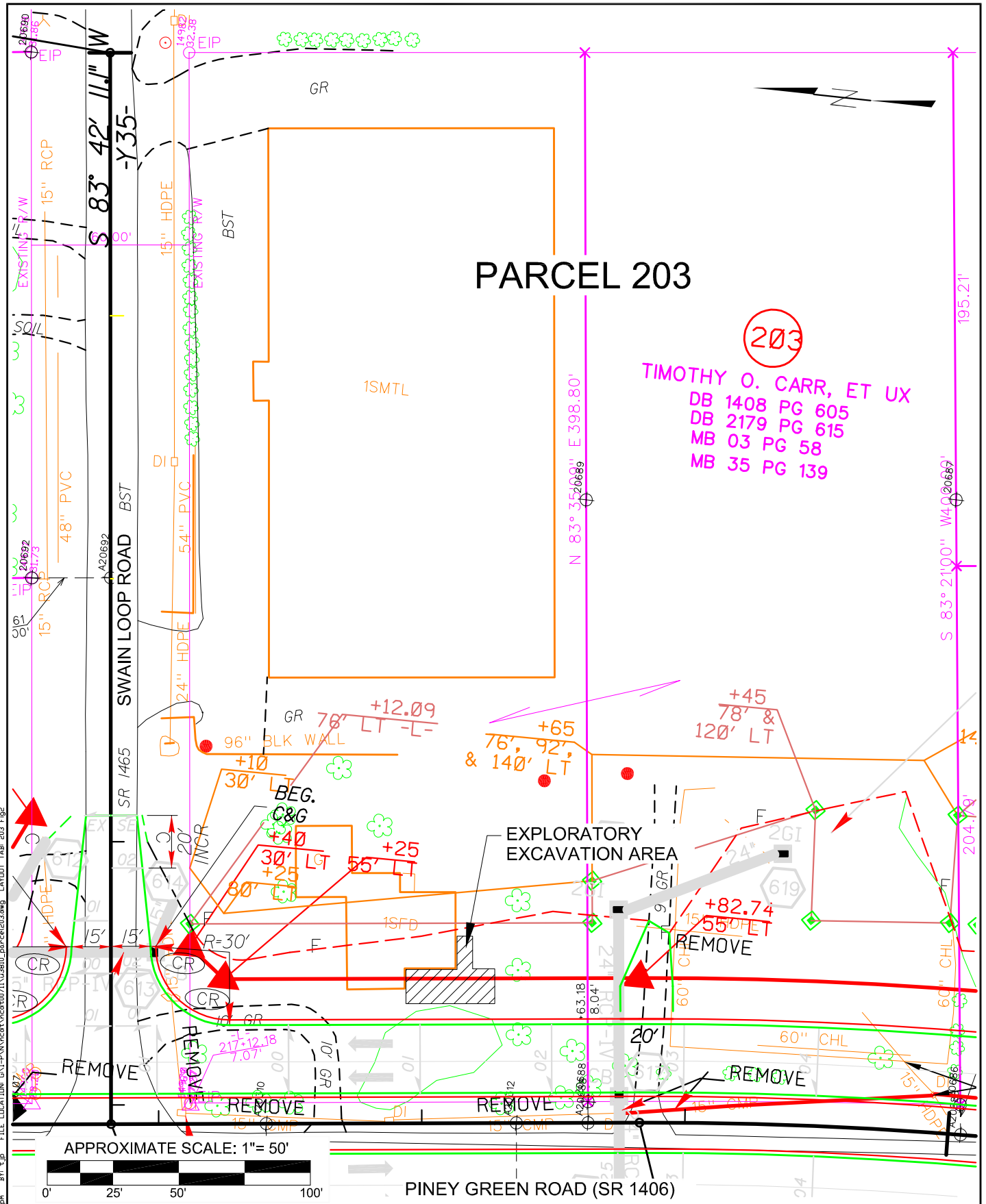
Engineering of NC Inc.

an Affiliate of THE GEL GROUP INC

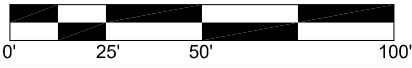
Post Office Box 14262
 Research Triangle Park, NC 27709
 P 919-544-1100
 F 919-406-1807
 www.gel.com

problem solved

PROJECT: ncd100711		USGS TOPOGRAPHIC LOCATION MAP	FIGURE 1
EXPLORATORY EXCAVATION REPORT PARCEL 203, 1759 PINEY GREEN ROAD ONSLOW COUNTY, NORTH CAROLINA STATE PROJECT U-3810, WBS# 35801.1.1			
DATE: January 3, 2012	DRAWN BY: TJP	APPRV. BY: ADE	



APPROXIMATE SCALE: 1" = 50'



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problem solved

PROJECT: ncd100711

EXPLORATORY EXCAVATION REPORT
 PARCEL 203, 1759 PINEY GREEN ROAD
 ONSLOW COUNTY, NORTH CAROLINA
 STATE PROJECT U-3810, WBS# 35801.1.1

DATE: January 16, 2012

SITE MAP SHOWING
 EXPLORATORY
 EXCAVATION AREA

DRAWN BY: TJP APPRV. BY: ADE

FIGURE
 2

ATTACHMENT A

Photographs



Photograph 1: View looking south at beginning of excavation activities along southwest corner of former residence.



Photograph 2: View looking east at beginning of excavation activities along south side of former residence foundation.



Photograph 3: View looking south at completion of excavation activities.



Photograph 4: View looking southwest at excavation area following regrading.