



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

October 2, 2019

Kyle Barnes
NCDOT Coordinator-Division One
United States Army Corps of Engineers
2407 West Fifth Street
Washington, NC 27889-1000

Greg Daisey
NC Dept. of Environmental Quality
Division of Coastal Management
400 Commerce Avenue
Morehead City, NC 28557

Subject: **Modification Request for the Section 404 Nationwide Permit 14, Section 10 Permit, Section 401 Water Quality Certification, and CAMA Major Development Permit** for US 17 Business / NC 37 from Hertford to north of NC 37; including replacement of Bridge No. 8 in Perquimans County, TIP Number R-4467, Division 1. Debit \$570 from WBS Element 35748.3.2

Reference: SAW-2018-01572; NCDWR Project No. 20181060;
CAMA Permit Number 47-19

Dear Sirs:

In an application dated July 29, 2019, the North Carolina Department of Transportation (NCDOT) proposed a modification to the permits for the Subject project for a laydown yard and office site (Figures 1 and 2). Based on comments received from the agency field review and the Public Notice, the following information is being provided.

The proposed via a 30' x 200' steel trestle has been shifted slightly to the west (Figure 1). This has reduced the hand clearing from 0.20 acre to 0.18 acre. The trestle will be supported by twelve 30" piles, nine of which will be in wetlands and three in surface waters. A five-foot wide swath will be hand cleared on either side of the trestle, except for an approximately 50' x 65' at the end, which will be needed for the crane to load/unload material. Construction of the trestle is proposed to commence upon receipt of the modification, and will be removed upon project completion, estimated at June 2021.

The trestle would result in the followings impacts:

- 0.18 ac hand clearing in wetlands
- <0.01 ac temporary fill in wetlands
- <0.01 ac temporary fill in surface waters

Updated permit drawings that include a trestle profile on Sheet 4 of 5 are included. Due the minimal amount of increase in temporary fill from the piles, the rounded amounts authorized in the initial permits, temporary fill amounts remain unchanged.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
ENVIRONMENTAL ANALYSIS UNIT
1598 MAIL SERVICE CENTER
RALEIGH NC 27699-1598

TELEPHONE: 919-707-6000
FAX: 919-212-5785
WEBSITE: NCDOT.GOV

LOCATION:
CENTURY CENTER, BUILDING A
1000 BIRCH RIDGE DRIVE
RALEIGH NC, 27610-4328

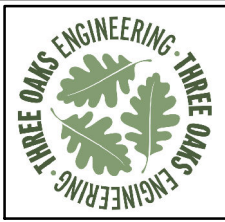
Thank you for your assistance with this project. If you have any questions or need additional information, please contact Jason Dilday at either jldilday@ncdot.gov or (919) 707-6111. A copy of this permit modification request and its distribution list will also be posted on the NCDOT website at <https://connect.ncdot.gov/resources/Environmental/Pages>.

Sincerely,

Handwritten signature of Philip S. Harris, III in black ink.Handwritten word "for" in black ink.

Philip S. Harris, III, P.E., C.P.M.
Environmental Analysis Unit Head

cc: NCDOT Permit Application Standard Distribution List



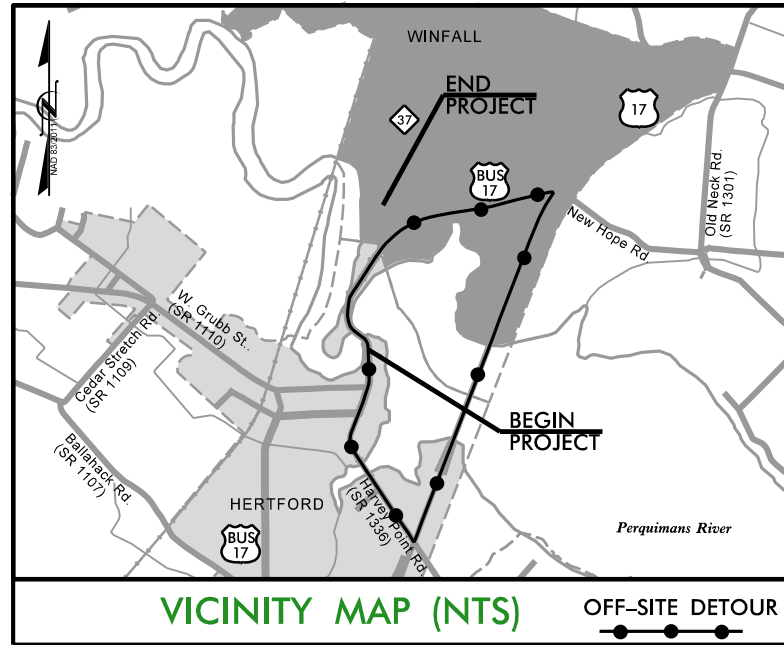
US 17 Business / NC 37
 Replacement of Bridge No. 8
 TIP No. R-4467
 Laydown Yard Trestle
 Location Revision
 Perquimans County, North Carolina

Date: July 2019	
Scale: 0 20 40 Feet	
Job No.: 17-107	
Drawn By: KEMS	Checked By: MGW

Figure
1

09.08/19

See Sheet 1-B For Conventional Symbols



VICINITY MAP (NTS) OFF-SITE DETOUR

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

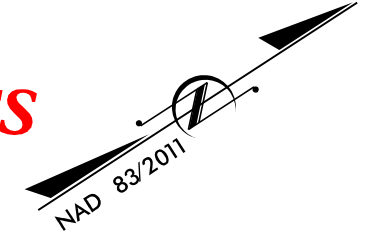
PERQUIMANS COUNTY

**LOCATION: US 17 BUSINESS /NC 37 (NORTH CHURCH STREET)
FROM SOUTH OF THE PERQUIMANS RIVER BRIDGE TO
NORTH OF NC 37 (WINFALL BOULEVARD)**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING, LIGHTING
SIGNALS, SIGNING, ITS & STRUCTURES**

STAGING WETLAND AND STREAM IMPACTS

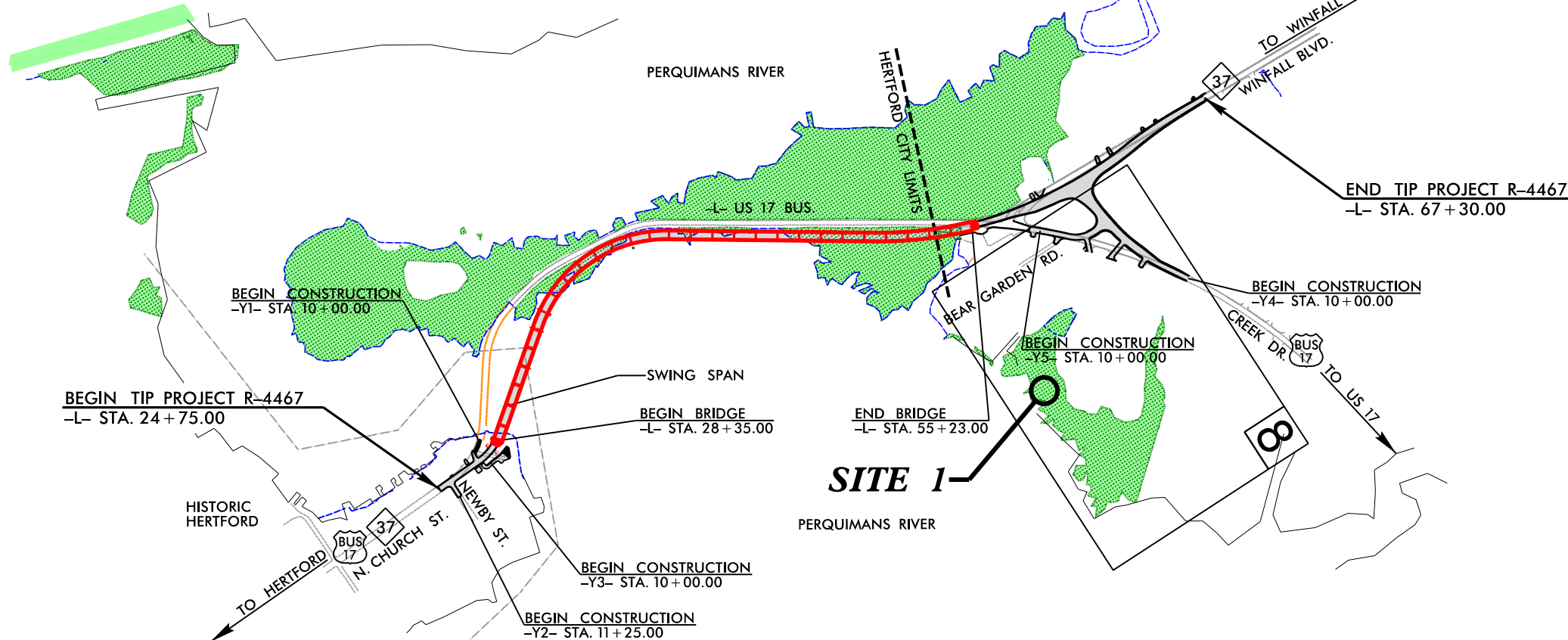
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-4467	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
35748.3.2	NA		



PERMIT DRAWING
SHEET 1 OF 5



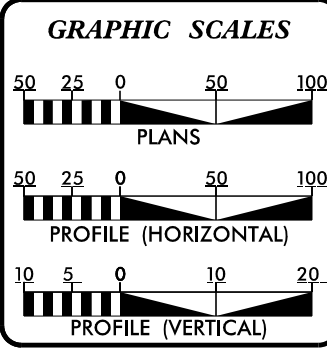
PREPARED ON: 7-23-2019
REVISED: 9-26-2019



- NOTES:
 1. CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.
 2. THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE TOWN OF HERTFORD AND THE TOWN OF WINFALL.
 3. DESIGN EXCEPTION REQUIRED FOR HORIZONTAL STOPPING SIGHT DISTANCE AND SUPERELEVATION AT -L- PI STATION 28+26.83.

TIP PROJECT: R-4467

CONTRACT: C204003



DESIGN DATA

ADT 2017 = 10,100
ADT 2037 = 16,500

SOUTH APPROACH & BRIDGE
 V = 30 MPH
 FUNC. CLASS. = URBAN COLLECTOR

NORTH OF BRIDGE
 V = 50 MPH
 FUNC. CLASS. = RURAL COLLECTOR

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-4467.....0.296 mi
 LENGTH STRUCTURE TIP PROJECT R-4467.....0.509 mi
 TOTAL LENGTH TIP PROJECT R-4467.....0.805 mi

NCDOT CONTACT

K. Zak Hamidi, P.E.
 PROJECT ENGINEER - DESIGN-BUILD GROUP

PLANS PREPARED BY:

RK&K RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE, SUITE 350
 RALEIGH, NORTH CAROLINA 27609
 NC LICENSE NO. F-0112

**FOR NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

2012 STANDARD SPECIFICATIONS

LETTING DATE:
JANUARY 2, 2018

McLean
CONTRACTING COMPANY

Michael T. Merritt, P.E.
PROJECT ENGINEER

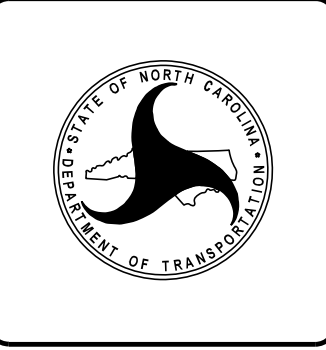
Anthony A. Houser, P.E.
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

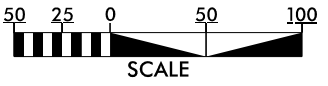
SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: _____ P.E.



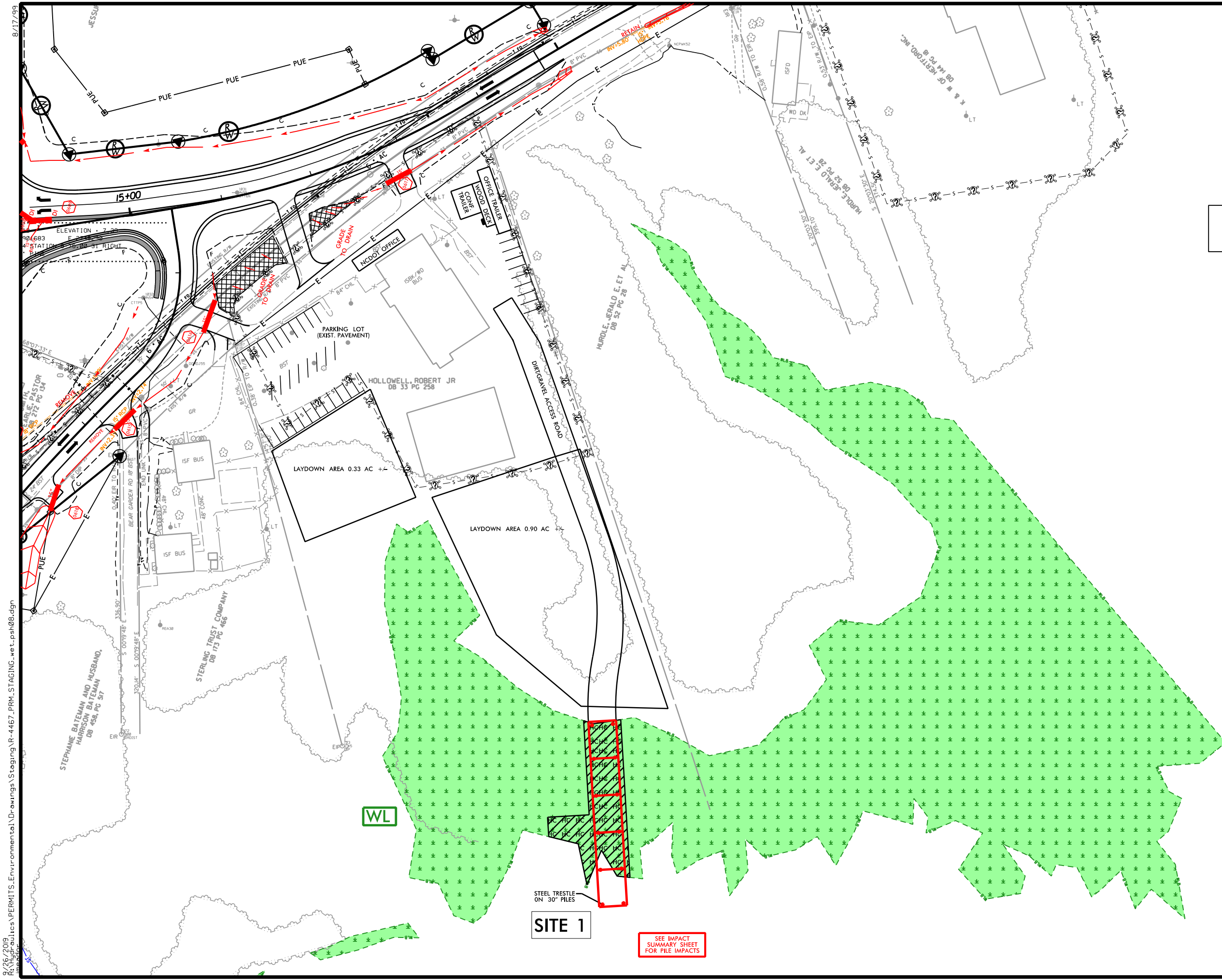
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**PERMIT DRAWING
SHEET 2 OF 5**

DENOTES HAND CLEARING

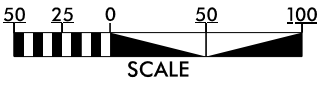
PREPARED ON: 7-23-2019
REVISED: 9-26-2019



SITE 1

SEE IMPACT SUMMARY SHEET FOR PILE IMPACTS

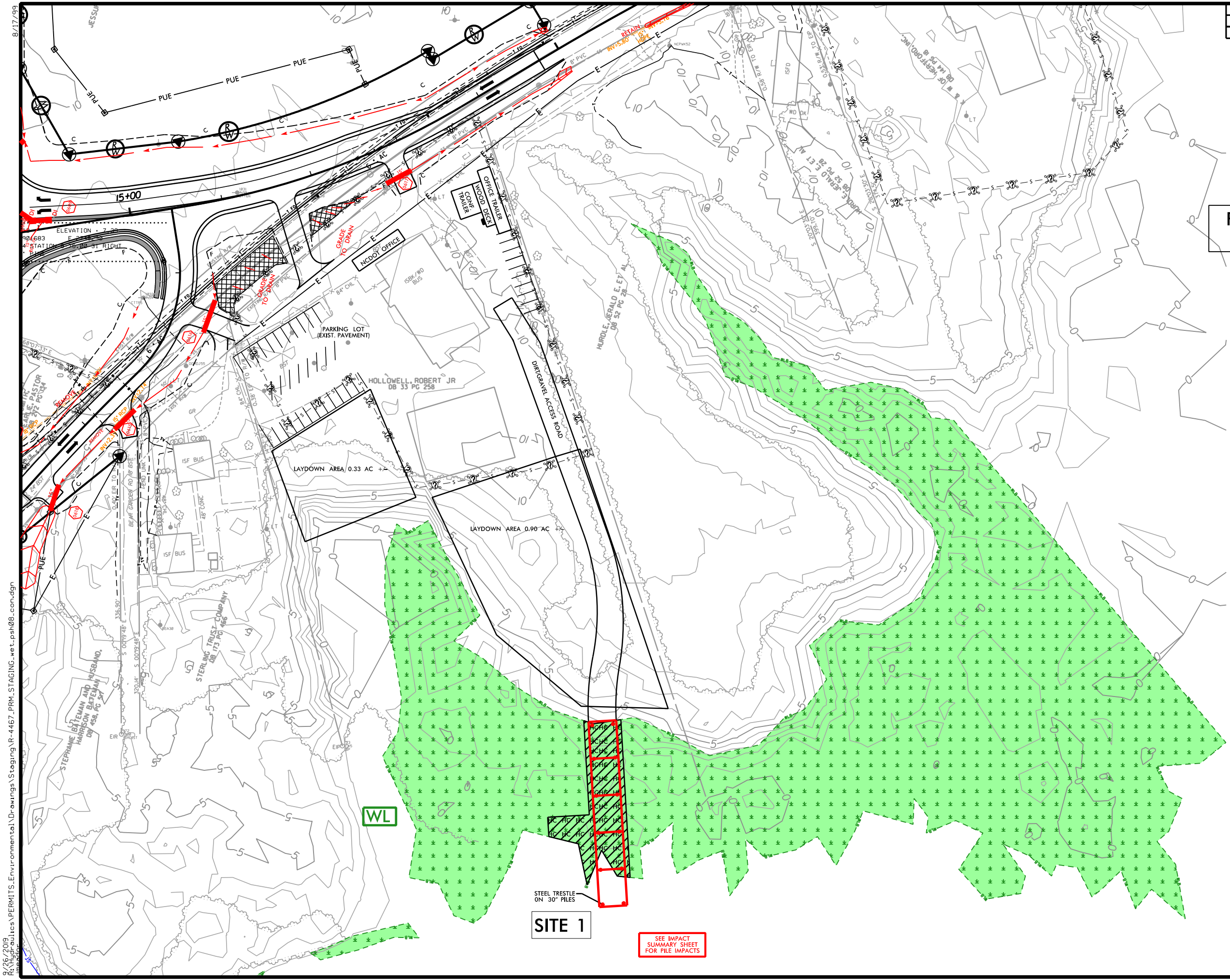
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**PERMIT DRAWING
SHEET 3 OF 5**

DENOTES HAND CLEARING

PREPARED ON: 7-23-2019
REVISED: 9-26-2019



SITE 1

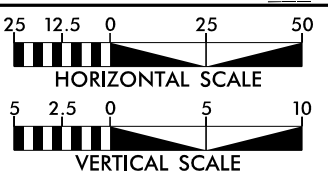
SEE IMPACT SUMMARY SHEET FOR PILE IMPACTS

RK&K
 P: (919) 878-9500
 900 Fiskeville Drive Suite 350 | Raleigh, North Carolina 27609-3980
 NC License No. F-0112
 Engineers | Construction Managers | Planners | Scientists
 www.rkk.com
 Responsive People | Creative Solutions

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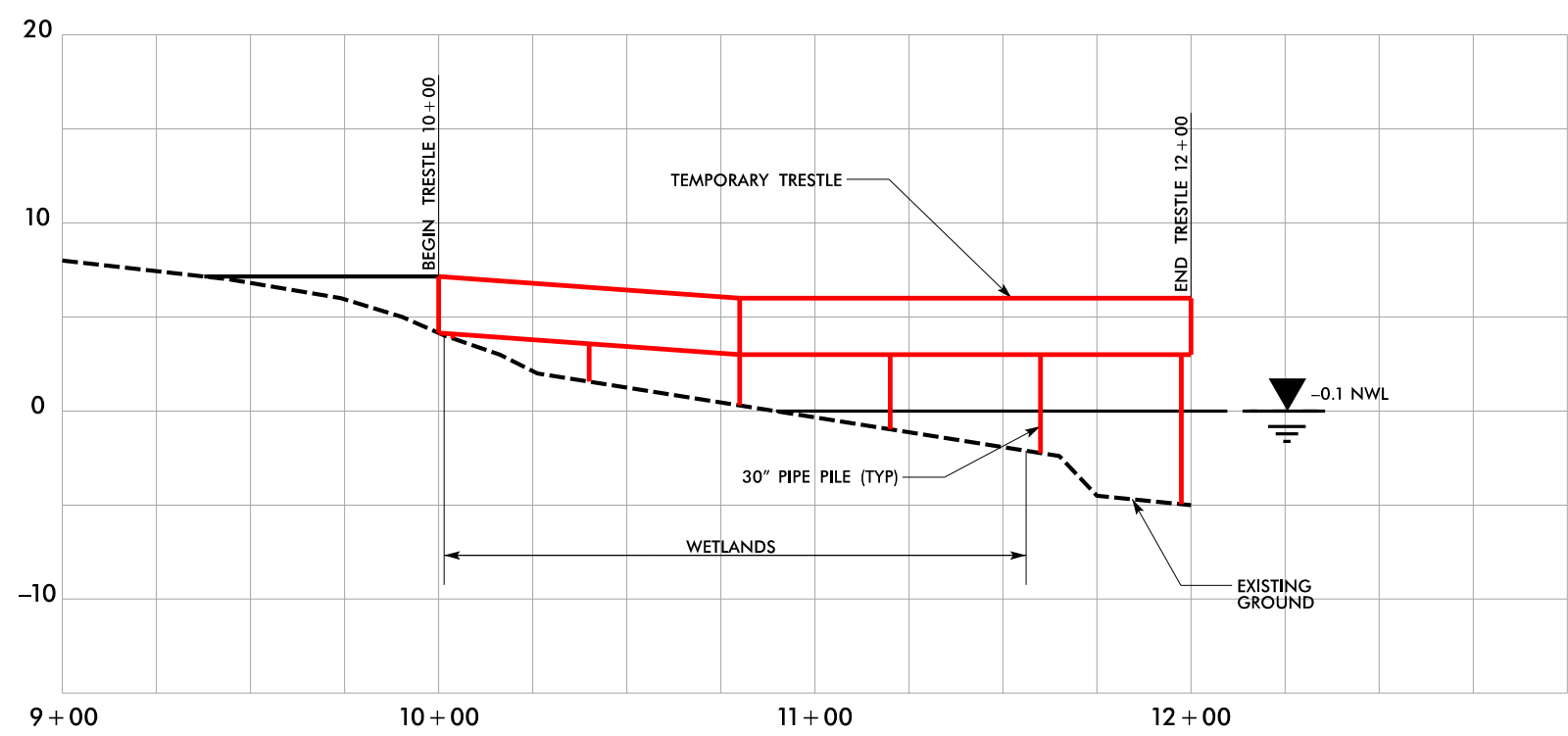
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PROJECT REFERENCE NO.	SHEET NO.
R-4467	8 PFL
RW SHEET NO.	



**PERMIT DRAWING
SHEET 4 OF 5**

PREPARED ON: 9-26-2019
REVISED: 9-26-2019



WETLAND AND SURFACE WATER IMPACTS SUMMARY FROM UTILITIES

Site No.	Station (From/To)	Structure Size / Type	WETLAND IMPACTS					SURFACE WATER IMPACTS				
			Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	N/A	TEMPORARY TRESTLE		< 0.01			0.18		< 0.01			
TOTALS*:				< 0.01			0.18		< 0.01	0	0	0

*Rounded totals are sum of actual impacts

NOTES:
 TEMPORARY PILE IMPACTS IN SURFACE WATER 44.2 SF, TEMPORARY PILE IMPACTS IN SURFACE WATER 14.7 SF

NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 SEPTEMBER 2019
 PERQUIMANS
 R-4467
 35748.3.2
 SHEET 5 OF 5