DocuSign Envelope ID: 074BF8E7-ABFF-4358-95CC-B58D1EAB496B

MATCH LINE
MATCH TO SHEET NO. 9

SA — SENSITIVE AREA

LANDSLIDE OUTLINES – ACTIVE

NOTES: 1.) 0511, 0512, 0513, & 0514 ARE FUTURE DRAINAGE STRUCTURES TO BE CONSTRUCTED DURING THE REPAIR OF HOWARD GAP RD (FUTURE PROJECT).

2.) ALL CSP GASKETS ARE TO BE SLEEVE GASKETS.

PROJECT REFERENCE NO.	SHEET NO.
15614.1075010	5
R/W SHEET NO.	

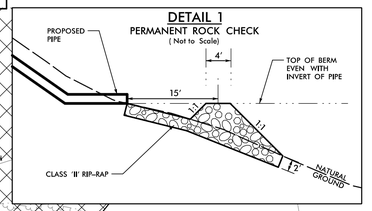
ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 047943 CLINTON B PRUETT — 10/8/2021

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 044158 BENJAMIN J. HENEGAR — 10/8/2021

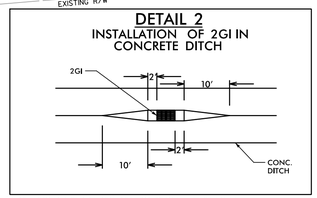
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

DETAIL 1
PERMANENT ROCK CHECK
(Not to Scale)



DETAIL 2
INSTALLATION OF 2GI IN CONCRETE DITCH



(1) ELIZABETH F. HORNE, DAVID W. FOSTER, DB 232 PG 1195, MAP CARD FILE C PG 742

(2) JOHN BARNES, III AND ELIZABETH H. BARNES LIVING TRUST, DB 306 PG 1841, MAP CARD FILE B PG 1235

(3) BOARD OF TRANSPORTATION, DB 163 PG 1846

CONSERVATION EASEMENT TO PACOLET AREA CONSERVANCY, INC. IN DB 216 PG 178

-HGR- PT 32+20.99
-HGR- PC 32+95.50
-HGR- PT 34+13.35
-HGR- PT 36+84.19
-HGR- PC 41+73.29
-HGR- PT 43+90.32
-HGR- PC 45+24.76
-126- CS 454+20.88
-126- ST 458+20.88

S 71° 32' 45.0" W
S 88° 25' 37.1" W
N 89° 12' 53.1" W
N 84° 45' 55.6" W
N 84° 49' 00.0" W

BEGIN CONSTRUCTION
-126- STA 450+40.00

ALL DUKE TRANSMISSION LINES ARE TO BE TREATED WITH CLEARANCE AND OFFSET GUIDELINES AS ESTABLISHED FOR 100kV POWERED RATING.

-126- CURVE DATA

PI Sta 449+08.00
Δ = 18° 06' 10.4" (RT)
D = 1° 45' 00.0"
L = 1,034.45'
T = 521.57'
R = 3,274.05'

PIs Sta 455+54.26
Θs = 3° 30' 00.0"
Ls = 400.00'
LT = 266.72'
ST = 133.38'

-HGR- CURVE DATA

PI Sta 31+76.32
Δ = 11° 24' 40.2" (LT)
D = 12° 43' 56.6"
L = 89.62'
T = 44.96'
R = 450.00'

PI Sta 33+54.86
Δ = 16° 52' 52.1" (RT)
D = 14° 19' 26.2"
L = 117.85'
T = 59.36'
R = 400.00'

PI Sta 36+36.86
Δ = 2° 21' 29.9" (RT)
D = 2° 29' 28.0"
L = 94.67'
T = 47.34'
R = 2,300.00'

PI Sta 42+86.80
Δ = 41° 26' 57.4" (RT)
D = 19° 05' 54.9"
L = 217.03'
T = 113.51'
R = 300.00'

PI Sta 45+86.42
Δ = 24° 00' 28.0" (LT)
D = 19° 45' 25.8"
L = 121.51'
T = 61.66'
R = 290.00'

MATCH LINE STA. -126- 462+00
MATCH TO SHEET NO. 6

MATCH LINE STA. -HGR- 46+00
MATCH TO SHEET NO. 6

NAD 83/2011

REVISIONS

10/8/2021
X:\NCDOT\I-26 Howard Gap Rd Rehab\Roadway\Proj\I-26-Howard Gap_Rdy_psh_05.dgn
User: cbpruett