DocuSign Envelope ID: 13357D5A-C745-45EA-A9A7-357205CEA745

8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-3100A	7

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 21102 ENGINEER JOHN TIMOTHY JONATHAN

Docusigned by: John Timothy Jonathan

3/15/2019

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 025503 ENGINEER RICHARD L MOORE

Docusigned by: Richard L Moore

3/15/2019

MOTT MACDONALD I & E, LLC
LICENSE NO. F-0669

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:
MOTT MACDONALD
PO Box 700
Fuquay-Varina, NC 27526
www.mottmac.com/americas

McKIM & CREED
NC LICENSING #1-122
243 NORTH FRONT STREET
WILMINGTON, NORTH CAROLINA 28401
TEL. (910) 343-1568 FAX. (910) 790-4282

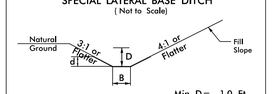
SEE SHEET 2B-6 FOR ISLAND DETAIL
SEE PROFILE SHEET 25 & 33

DETAIL D
SPECIAL CUT DITCH
(Not to Scale)

Min. D= 1.0 Ft.

FROM STA. 65+25 TO STA. 65+50 -L- RT

DETAIL E
SPECIAL LATERAL BASE DITCH
(Not to Scale)

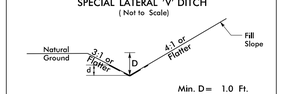


Min. D= 1.0 Ft.
Max. d= 1.0 Ft.
B= 3.0 Ft.

Type of Liner= PSRM

FROM STA. 55+25 TO STA. 58+60 -L- LT
FROM STA. 54+10 TO STA. 56+75 -L- RT

DETAIL F
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



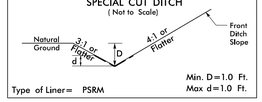
Min. D= 1.0 Ft.
Max. d= 1.0 Ft.

Type of Liner= PSRM

FROM STA. 61+25 TO STA. 62+50 -L- RT

NAD 83/NSRS 2007

DETAIL G
SPECIAL CUT DITCH
(Not to Scale)

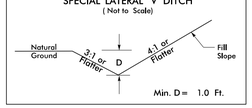


Min. D=1.0 Ft.
Max d=1.0 Ft.

Type of Liner= PSRM

FROM STA. 58+60 TO STA. 59+00 -L- LT
FROM STA. 58+00 TO STA. 61+25 -L- RT

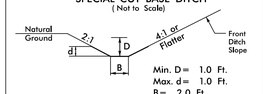
DETAIL H
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



Min. D= 1.0 Ft.

FROM STA. 62+50 TO STA. 65+25 -L- RT

DETAIL I
SPECIAL CUT BASE DITCH
(Not to Scale)



Min. D= 1.0 Ft.
Max. d= 1.0 Ft.
B= 2.0 Ft.

Type of Liner= PSRM

FROM STA. 54+37 TO STA. 55+25 -L- LT
FROM STA. 53+60 TO STA. 54+10 -L- RT
FROM STA. 56+75 TO STA. 58+00 -L- RT

MATCHLINE -L- STA 52+00.00 SEE SHEET NO. 6

MATCHLINE -L- STA 65+50.00 SEE SHEET NO. 8

55+00 60+00 65+00

-L- SC Sta. 52+48.00

-L- POC Sta. 55+51.07
-Y18- POT Sta. 10+00.00

-Y18- POT Sta. 13+00.00

END CONSTRUCTION
-Y18- POT Sta. 11+50.00

BEGIN C/A FENCE
-L- 54+50.00

END C/A FENCE
-L- 53+90.00

END C/A FENCE
-L- 55+22.37

BEGIN C/A FENCE
-L- 55+73.10

END C/A FENCE
-L- 59+10.00

BEGIN C/A FENCE
-L- 59+70.00

-BL-40

-BL-41

20 MARK B & MITZIY STORY
DB 1338 PG 157
DB 2580 PG 1600
DB 2580 PG 1603
DB 2663 PG 1177

20 MARK B STORY & MITZIY STORY
DB 1338 PG 157
DB 2580 PG 1600
DB 2580 PG 1603
DB 2663 PG 1177

24 JOE L & DOROTHY H STAMEY
DB 1593 PG 568

26 MARK B & MITZIY STORY
DB 2663 PG 1179
PB 61PG 137

25 JERETT MICHAEL & WILLIAM FRANKLIN
DB 3171PG 0551
PB 27 PG 190

22 JOHN M & BEVERLY A HILTON
DB 2731PG 1756
PB 27 PG 190

ANDREW C & CRYSTAL A HOYLE
DB 2034 PG 765
PB 27 PG 190

ANNA MARIE STEWART
DB 2131PG 535
PB 27 PG 190

DWIGHT EUGENE TABOR
DB 2781PG 1876
PB 27 PG 190

27 MAGGIE SUE BOST
DB 1540 PG 421

28 MARK B & MITZIY STORY
DB 2580 PG 1600

DANNY A & ELISSA D BARNES
DB 2559 PG 1669
PB 41PG 52

MARY CALDWELL BEATTY
NO DEED REF

SPECIAL CUT DITCH
SEE DETAIL I
EST 120 SY PSRM

SPECIAL LATERAL BASE DITCH
SEE DETAIL E
EST 495 SY PSRM

SPECIAL CUT DITCH
SEE DETAIL G
EST 55 SY PSRM

SPECIAL CUT BASE DITCH
SEE DETAIL I
EST 70 SY PSRM

SPECIAL CUT BASE DITCH
SEE DETAIL I
EST 195 SY PSRM

SPECIAL LATERAL BASE DITCH
SEE DETAIL E
EST 380 SY PSRM

SPECIAL CUT DITCH
SEE DETAIL G
EST 430 SY PSRM

SPECIAL LATERAL V DITCH
SEE DETAIL F
EST 165 SY PSRM

SPECIAL LATERAL V DITCH
SEE DETAIL H

SPECIAL CUT DITCH
SEE DETAIL D

CL. I RIP-RAP
EST 15 TONS
EST 30 SY GT

CL. B RIP-RAP
EST 2 TONS
EST 7 SY GT

CL. I RIP-RAP
EST 11 TONS
EST 22 SY GT

CL. B RIP-RAP
EST 2 TONS
EST 2 SY GT

CL. B RIP-RAP
EST 2 TONS
EST 7 SY GT

RETAIN

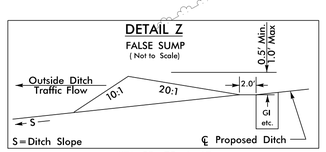
REMOVE

PPES REMOVE

-L-

PIs Sta 52+08.00	PI Sta 64+61.32
Θs = 0° 36' 24.6"	Δ = 24° 10' 39.5" (RT)
Ls = 120.00'	D = 1° 00' 41.0"
LT = 80.00'	L = 2,390.51'
ST = 40.00'	T = 1,213.31'
	R = 5,665.00'
	SE = 03
	RO = 120'

DETAIL Z
FALSE SUMP
(Not to Scale)



STA 53+75 -L- LT

ALL DRIVEWAY RADII ARE 10' UNLESS OTHERWISE NOTED ON PLANS.

5:40:45 AM
R:\3100A_Roxy\Proj\R3100A_rdy_psh07.dgn
orr165