PROJECT REFERENCE NO.	SHEET NO.
R-5726A	EC-19/CONST. 19
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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

HDR Engineering, Inc. of the Carolinas
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

FOR –L– PROFILE SEE SHEET 34
FOR –Y20– PROFILE SEE SHEET 42
FOR INTERSECTION DETAIL
SEE SHEET 2B–7

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 19

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

NAD 83/NA 2011

MATCHLINE –L– STA. 204+00.00 SEE SHEET NO. 18

MATCHLINE –L– STA. 217+50.00 SEE SHEET NO. 20

KENNETH L. SMITH AND WIFE, GLORIA H. SMITH

CARLTON R. SMITH ESTATE

103 JOHN WILLIAM CARTER III AND WIFE, LEE PAISLEY CARTER

104 RAMON JAIMES MORALES AND WIFE, JUANA MARTINEZ MENDEZ

106 J. WAYNE TUCKER, JR.

5

102 JOHN WILLIAM CARTER III AND WIFE, LEE PAISLEY CARTER

-Y20- N 26°00'51.1" W

-L- N 52°32'57.5" W

N 27°23'39.9" E

205 210 215

SPECIAL CUT DITCH SEE DETAIL 'A'

SPECIAL CUT DITCH SEE DETAIL 'L'

CLASS 'B' RIP RAP EST. 2 TONS 7 SY GEO-TEXTILE

CLASS 'B' RIP RAP EST. 3 TONS 10 SY GEOTEXTILE

CLASS 'B' RIP RAP EST. 11 TONS 28 SY GEOTEXTILE

REMOVE DI

DRAWDOWN STRUCTURE

DRY DETENTION BASIN #2
EST. 54 TONS
CLASS 'B' RIP RAP
105 SY GEOTEXTILE
DDE = 3358 CY

10' MAINTAINANCE ROAD FOR DETENTION BASIN

Outlet Structure
4'x4' JB
Weir 610.8
12" Orifice Inv 608.30
Inv Out 606.80

70 x 25 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
6 ft. weir
ID 19.1 B

30 x 80 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
9 ft. weir
ID 19.2 B

105 x 35 x 3
2.0 inch Skimmer
with 1.75 inch
Orifice Diameter
14 ft. weir
ID 19.4 B

55 x 115 x 3
2.5 inch Skimmer
with 2.25 inch
Orifice Diameter
21 ft. weir
ID 19.3 CG

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

8/17/99

2/17/2022
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