5/14/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
U-5748	EC-18/CONST.5
R/W SHEET NO.	

Prepared in the Office of: AECOM — NC FIRM LICENSE No: F-0342, 5438 Wade Park Blvd, Suite 200, Raleigh, NC 27607, (919) 854-6200 - (919) 854-6259(FAX)

50 25 0 50 100
PLANS

Place Matting for Erosion Control on Slope as Work Allows.
–L– Sta. 30+00 LT to Sta. 30+50 LT
–L– Sta. 30+00 RT to Sta. 32+00 RT
–L– Sta. 33+00 LT to Sta. 34+00 LT
–L– Sta. 35+00 LT to Sta. 38+00 RT
–L– Sta. 39+00 LT to Sta. 41+50 LT
–L– Sta. 39+00 RT to Sta. 44+00 RT
–Y1– Sta. 13+00 LT to Sta. 13+50 LT

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS TYPE C IN AREAS WHERE WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.

48' x 24' x 3' 1.5 inch Skimmer with 0.875inch Orifice Diameter 4 ft. weir ID 5.1

75' x 24' x 3' 1.5 inch Skimmer with 1.25 inch Orifice Diameter 7 ft. weir ID 5.2

NAD 83 /NA 2011

SEE INSET (THIS SHEET) MATCHLINE –Y4– STA 12+00

MATCHLINE –Y4– STA 12+00 SEE ABOVE

MATCHLINE –L– 30+00 SEE SHEET EC-17

MATCHLINE –L– 44+00 SEE SHEET EC-19

MATCHLINE –Y1– STA 13+50 SEE SHEET EC-22

CAROLYN PARKER DB 4623 PG 494 MB 1974 PG 489

ANTHONY & JOAN STUITS DB 3898 PG 863 MB 1978 PG 930

LINDA SMITH DB 4318 PG 66 MB 1974 PG 489

THOMAS & WENDY MARSINDALE DB 15010 PG 610 MB 1974 PG 489

DEVINCENZO DB 5090 PG 572 MB 1978 PG 930 MB 1983 PG 820

EDWARD PARIS III & JENNIFER PARIS DB 14726 PG 142 MB 1974 PG 489

DENNIS & LEE ANN WILLIAMS DB 4627 PG 584 MB 1974 PG 489

SARAH AKUS DB 17181 PG 132 MB 1998 PG 2236 MB 1999 PG 2226

WAKE HIGH MEADOWS HOMEOWNWERS ASSN. DB 3954 PG 198 MB 1985 PG 1633

SFR JV-1 PROPERTY LLC DB 17754 PG 2469

BEGIN CONSTRUCTION –Y4– STA 10+50.00

POT Sta. 10+00.00

END CONSTRUCTION –Y4– STA 17+70.00

PC Sta. 14+74.48

–Y4– POC Sta. 15+19.98

–Y5– POT Sta. 12+96.27

N 40° 02' 22.6" E

PC Sta. 12+38.29

N 16° 36' 02.3" W

PT Sta. 10+93.96

–L– POT Sta. 34+15.69

–Y5– POT Sta. 10+00.00

–L– POT Sta. 33+68.82

–Y1– POT Sta. 10+00.00

PC Sta. 30+06.69

PT Sta. 32+03.96

PT Sta. 9+61.16

PC Sta. 10+00.00

PT Sta. 17+94.37

–L– POT Sta. 39+63.27

–SBX– POT Sta. 10+18.01

PC Sta. 10+83.00

N 52° 41' 47" E

S 20° 59' 50.0" E

S 42° 00' 09.7" W

S 47° 57' 08.7" E

N 42° 00' 09.7" E

S 52° 22' 57.5" W

–SLIP– PT Sta. 13+95.94

–SLIP– POT Sta. 10+00.00

–SLIP– PC Sta. 11+00.00

–SBX– POT Sta. 16+32.77

–Y1– POT Sta. 11+02.00

–SBX– PT Sta. 13+33.47

–SBX– PC Sta. 12+45.49

–SBX– PT Sta. 10+19.61

–SBX– PT Sta. 13+16.40

PROPOSED NOISE WALL

PC Sta. 12+58.32

TS Sta. 42+87.42

CHANNEL IMPROVEMENT SEE DETAIL 44 LENGTH = 25 LF EST. 95 TONS C

CHANNEL IMPROVEMENT SEE DETAIL 37 LENGTH = 35 LF EST. 115 TONS CLASS I RIP RAP

CHANNEL IMPROVEMENT SEE DETAIL 43 EST. 225 TONS CLASS I RIP RAP LENGTH = 35 LF

CHANNEL IMPROVEMENT SEE DETAIL 46 LENGTH = 65 LF EST. 260 TONS CLASS I RIP RAP

STANDARD V-DITCH SEE DETAIL 34

STANDARD V-DITCH EST. 60 LF EST. SLOPE = 0.138 FT/FT SEE DETAIL 4 DDE = 9 CY EST. 28 TONS CLASS B RIP RAP EST. 60 SY GEOTEXTILE

SPECIAL BACK OF CURB CUT DITCH W/CLASS B RIP RAP EST. 3 TONS CLASS B RIP RAP EST. 7 SY GEOTEXTILE SEE DETAIL 31

SPECIAL BACK OF CURB CUT DITCH SEE DETAIL 27

BERM V-DITCH SEE DETAIL 26

TOE PROTECTION SEE DETAIL 12 EST. 30 TONS CLASS B RIP RAP EST. 70 SY GEOTEXTILE

TOE PROTECTION SEE DETAIL 12 EST. 3 TONS CLASS B RIP RAP EST. 11 SY GEOTEXTILE EST. 20 TONS CLASS B RIP RAP EST. 44 SY GEOTEXTILE

DO NOT DISTURB CONSTRUCTED UNDER R-2814A ENERGY DISSIPATOR –L– STA. 12+45 RT SHEET 4 DETAIL 4C

LATERAL 2' BASE DITCH W/HINGE SEE DETAIL 2

LATERAL 8' BASE DITCH EST. 295 TONS CLASS I RIP RAP EST. 500 SY GEOTEXTILE SEE DETAIL 7

approximate slope to put in the 78" RCPs approximate R/W required

PLUG INLET AND OUTLET END OF EXISTING CULVERT FILL EXISTING CULVERT REMOVE EXISTING WINGWALLS

TIE OUTLET END OF PIPE FROM 0529 TO JB AT STRUCTURE 0573.

PROPOSED SINGLE FACED BARRIER

PROPOSED NOISE WALL

TIE TO EXISTING SIDEWALK

TIE TO EXISTING

PAVEMENT REMOVAL

PROPOSED SIGNAL

FOR –L– PROFILE, SEE SHEET NO. 13
FOR –Y1– PROFILE, SEE SHEET NO. 17
FOR –Y4– PROFILE, SEE SHEET NO. 19
FOR –SLIP– PROFILE, SEE SHEET NO. 17
FOR –SBX– PROFILE, SEE SHEET NO. 20

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