

5/14/2022

Erosion_Control_15987B_EC_PSH_27_f.mxd

Mott MacDonald

NAD 83/2011

256

FAYE E. MCRAINEY
DB 519 PG 3
PB 26 PG 2

NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT.

NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.

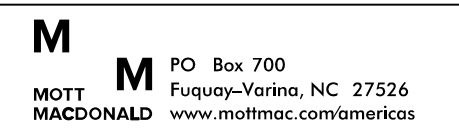

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS TYPE-C, AS DIRECTED, TO AVOID IMPOUNDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.

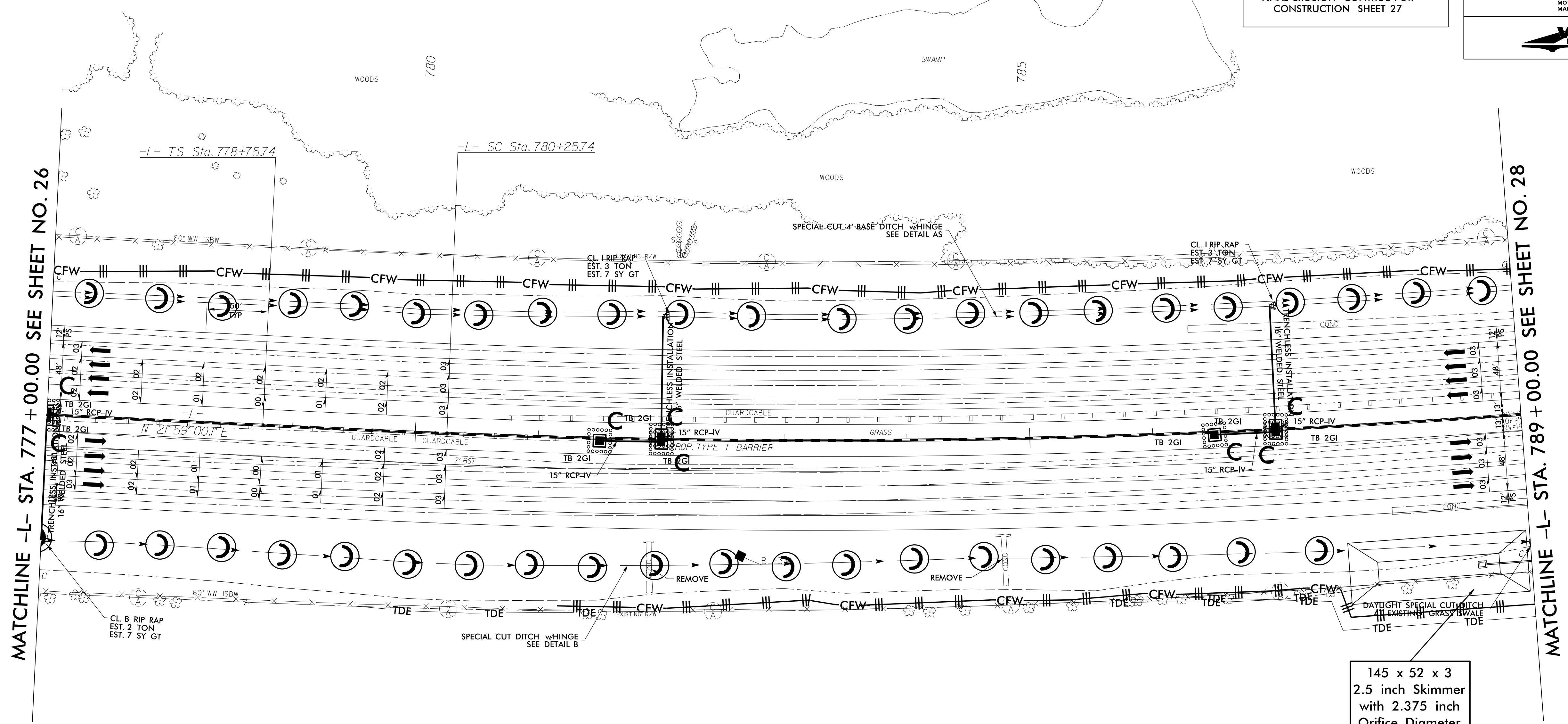
NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.

NOTE: INSTALL MATTING FOR EROSION CONTROL IN ALL PROPOSED DITCH LINES EXCEPT WHERE PERMANENT LINERS ARE SPECIFIED ON THE PLANS OR DIRECTED OTHERWISE BY THE ENGINEER.

NOTE: CONTRACTOR SHALL PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 27

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|--|---|
| PROJECT REFERENCE NO. 1-5897B | SHEET NO. EC-73/CONST.27 |
| RW SHEET NO. | |
| ROADSIDE ENVIRONMENTAL PROJECT ENGINEER | |
| LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE CERTIFICATION NUMBER: 3487 ISSUED: MARCH 15, 2022 | |
| Prepared in the Office of: |  MOTT MACDONALD PO Box 700 Fuquay-Varina, NC 27526 www.mottmac.com/america |
|  ETHERILL ENGINEERING 1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. 14377 Bus: 919 851 8077 Fax: 919 851 9107 | |



MATCHLINE -L- STA. 777 + 00.00 SEE SHEET NO. 26

MATCHLINE -L- STA. 789 + 00.00 SEE SHEET NO. 28

257

RIDDLE FARMS, LLC.
DB 229 PG 07
PB 55 PG 07

-L-

| | |
|---------------------------------|-------------------------------------|
| Pls Sta 779+75.74 | PI Sta 788+81.45 |
| $\theta_s = 0^\circ 33' 08.4''$ | $\Delta = 12^\circ 33' 12.3''$ (LT) |
| $L_s = 150.00'$ | $D = 0^\circ 44' 11.2''$ |
| $LT = 100.00'$ | $L = 1,704.58'$ |
| $ST = 50.00'$ | $T = 855.72'$ |
| | $R = 7,780.00'$ |
| | $SE = 03$ |
| | $RO = 150.00'$ |

145 x 52 x 3
2.5 inch Skimmer
with 2.375 inch
Orifice Diameter
27 ft. weir
ID 27.1