

5/14/2022

**CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 32**

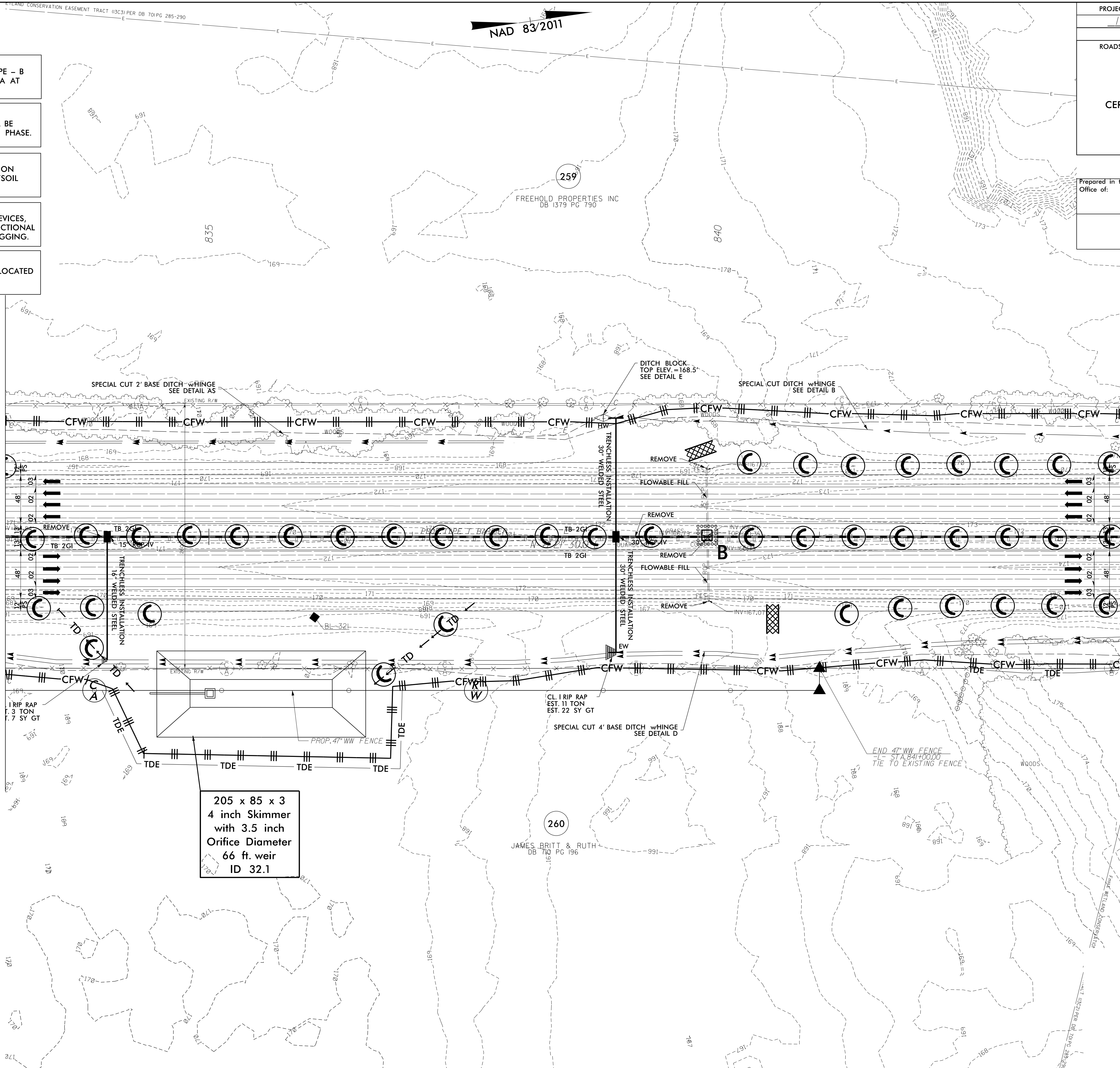
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE
INSTALLED DURING CLEARING AND GRUBBING PHASE.

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

NOTE:
PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES,
CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL
AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

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



PROJECT REFERENCE NO.	SHEET NO.
1-5897B	EC-33/CONST.32
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:

M M
MOTT
MACDONALD

PO Box 700
Fuquay-Varina, NC 27526
www.mottmac.com/americas

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ETHERILL
ENGINEERING

1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. 643177
Box: 919 851 8877
Fax: 919 851 8107

3/14/2022
Erosion_Control\15897B_EC_PSH_32_CG.dgn
Mott MacDonald

5/14/99

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 33

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

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE
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NOTE:
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EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL
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NOTE:
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AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

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

NAD 83/2011

PROJECT REFERENCE NO. SHEET NO.
1-5897B EC-34/CONST.33
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:

M M
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MACDONALD

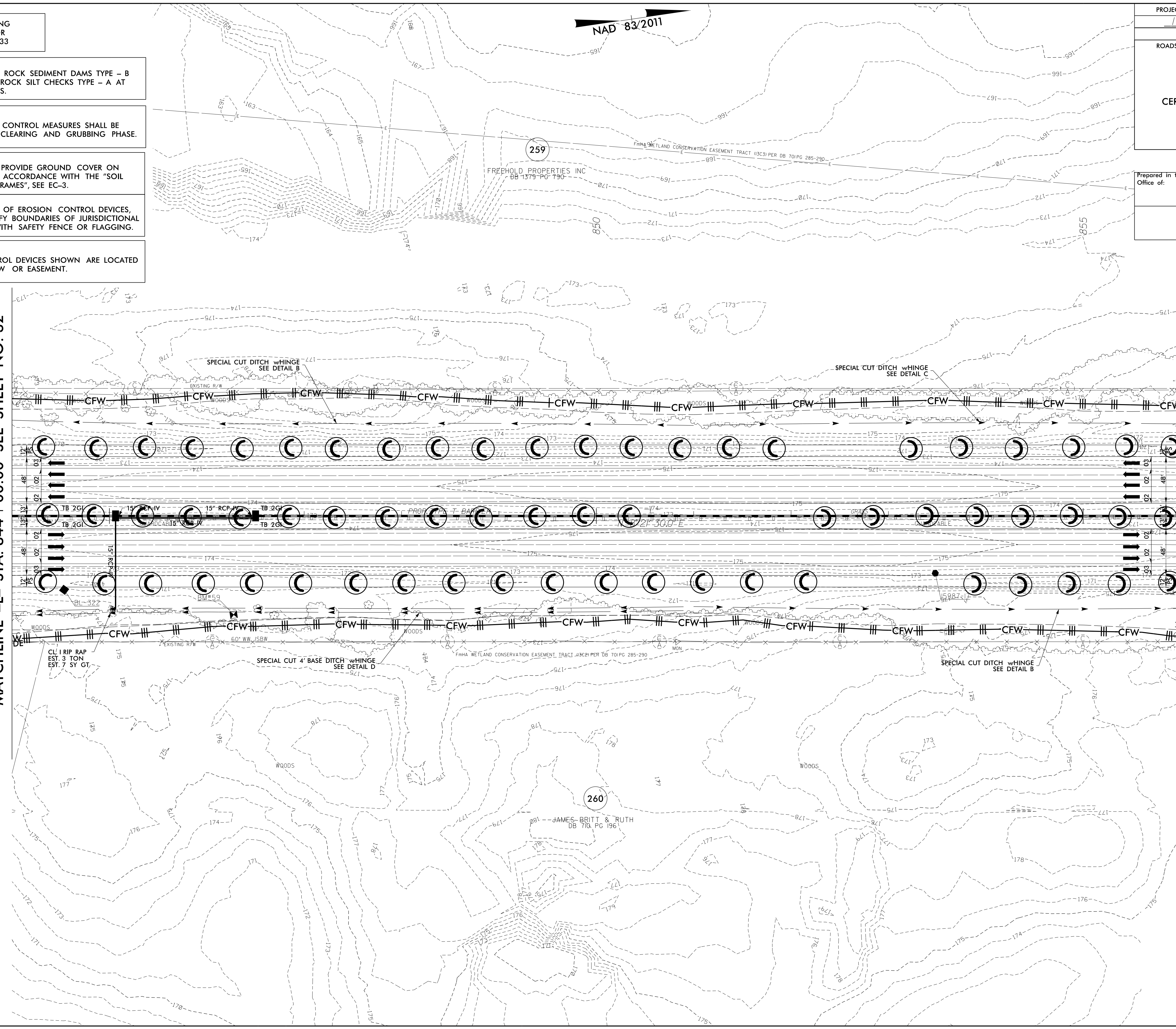
PO Box 700
Fuquay-Varina, NC 27526
www.mottmac.com/americas

M
MATHERILL
ENGINEERING

1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. 64337
Box: 919 851 8977
Fax: 919 851 8107

MATCHLINE -L- STA. 844 + 00.00 SEE SHEET NO. 32

MATCHLINE -L- STA. 856 + 00.00 SEE SHEET NO. 34





3/14/2022
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Mott MacDonald

5/14/2022

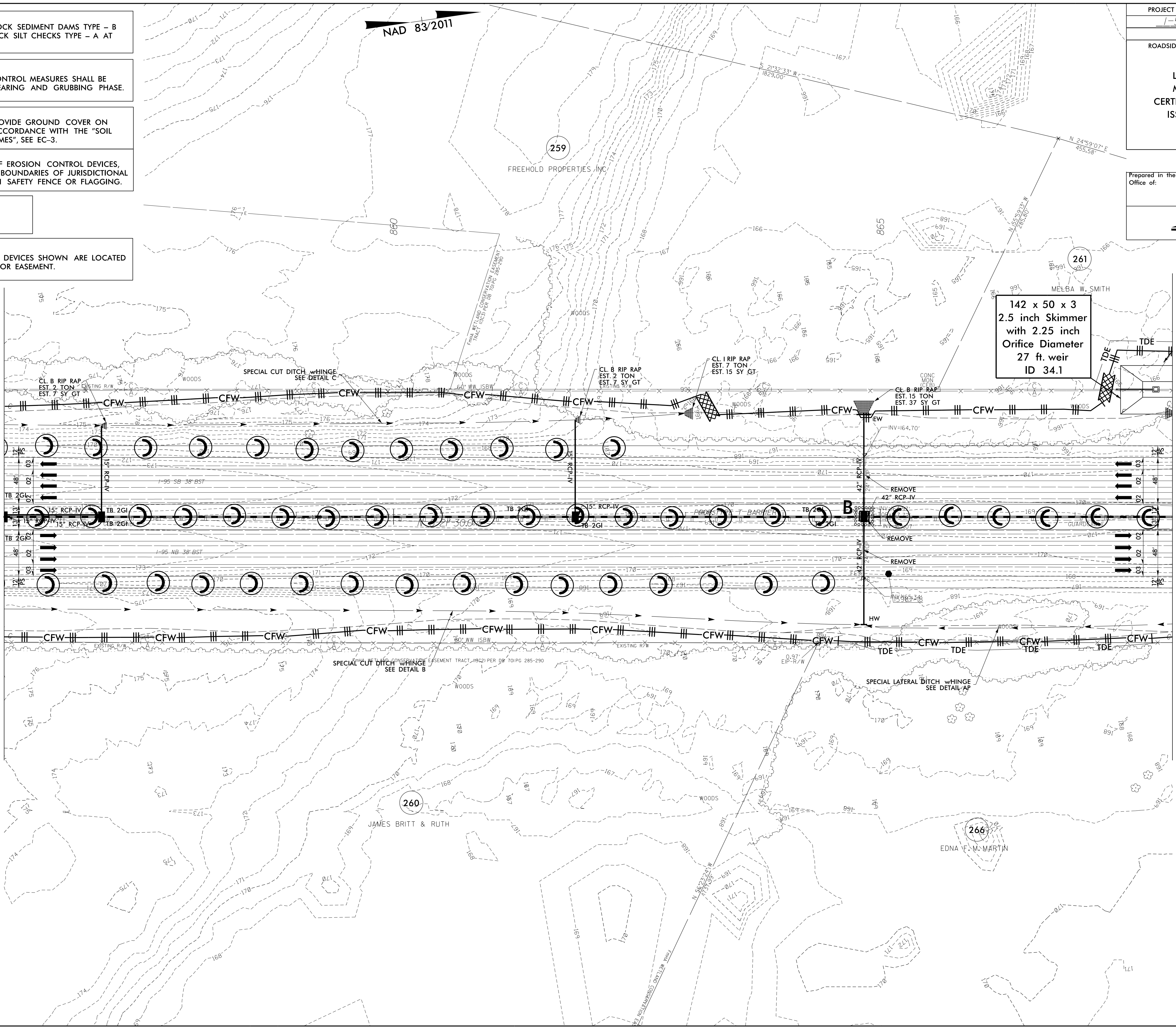
3/14/2022
Erosion Control
Mott MacDonald

- NOTE:**
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.
- NOTE:**
PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.
- NOTE:**
CONTRACTOR SHALL PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.
- NOTE:**
PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES, CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.
- CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 34**
- NOTE:**
ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT.

PROJECT REFERENCE NO.	SHEET NO.
1-5897B	EC-35/CONST.34
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/americas
	 WEATHERILL ENGINEERING 1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. 64337 Fax: 919 851 8977 Fax: 919 851 8107

MATCHLINE -L- STA. 856 + 00.00 SEE SHEET NO. 33

MATCHLINE -L- STA. 868 + 00.00 SEE SHEET NO. 35



142 x 50 x 3
2.5 inch Skimmer
with 2.25 inch
Orifice Diameter
27 ft. weir
ID 34.1

NAD 83/2011

259

261

260

266

5/14/2022

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 35

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

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

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE
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NOTE:
CONTRACTOR SHALL PROVIDE GROUND COVER ON
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CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL
AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

PROJECT REFERENCE NO. SHEET NO.
1-5897B EC-36/CONST.35
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:

M M
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MACDONALD

PO Box 700
Fuquay-Varina, NC 27526
www.mottmac.com/americas

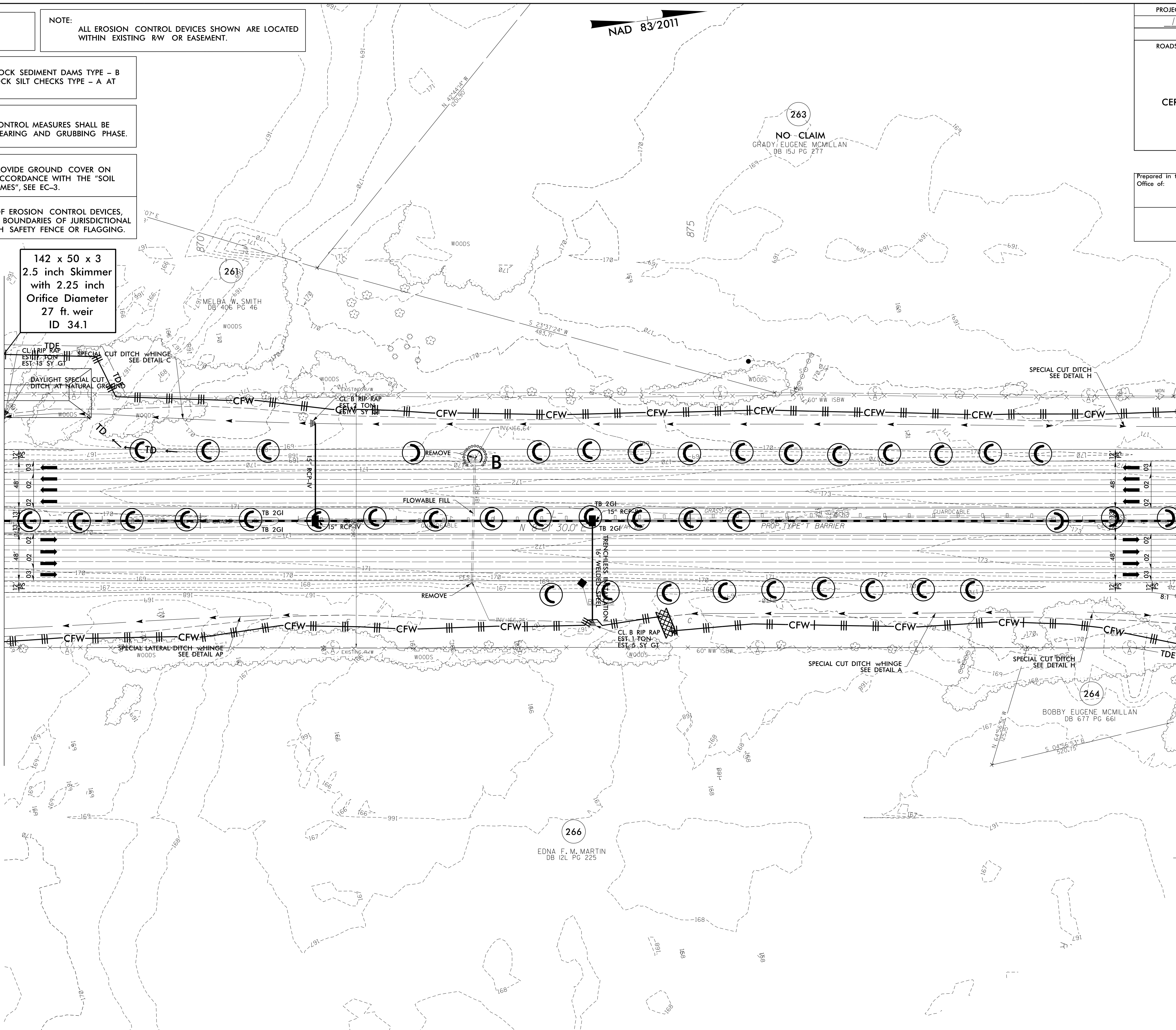
M M
MATHERILL
ENGINEERING

1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. 64377
Box: 919 851 8977
Fax: 919 851 8107

142 x 50 x 3
2.5 inch Skimmer
with 2.25 inch
Orifice Diameter
27 ft. weir
ID 34.1

MATCHLINE -L- STA. 868 + 00.00 SEE SHEET NO. 34

MATCHLINE -L- STA. 880 + 00.00 SEE SHEET NO. 36



3/14/2022
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Mott MacDonald

5/14/2022

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 36

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

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE
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NOTE:
CONTRACTOR SHALL PROVIDE GROUND COVER ON
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NOTE:
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WITHIN EXISTING RW OR EASEMENT.

TRAFFIC DIAGRAM

SR 1723
(W PARKTON TOBEMORY ROAD)
ADT 2022 3500
ADT 2042 5100

59800 I-95 I-95
97000

SR 1723
(E PARKTON TOBEMORY ROAD)

PROJECT REFERENCE NO. SHEET NO.
1-5897B EC-37/CONST.36

RW SHEET NO.
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER

LEVEL III CERTIFIED BY:
MATTHEW HARVEY, PE
CERTIFICATION NUMBER: 3487
ISSUED: MARCH 15, 2022

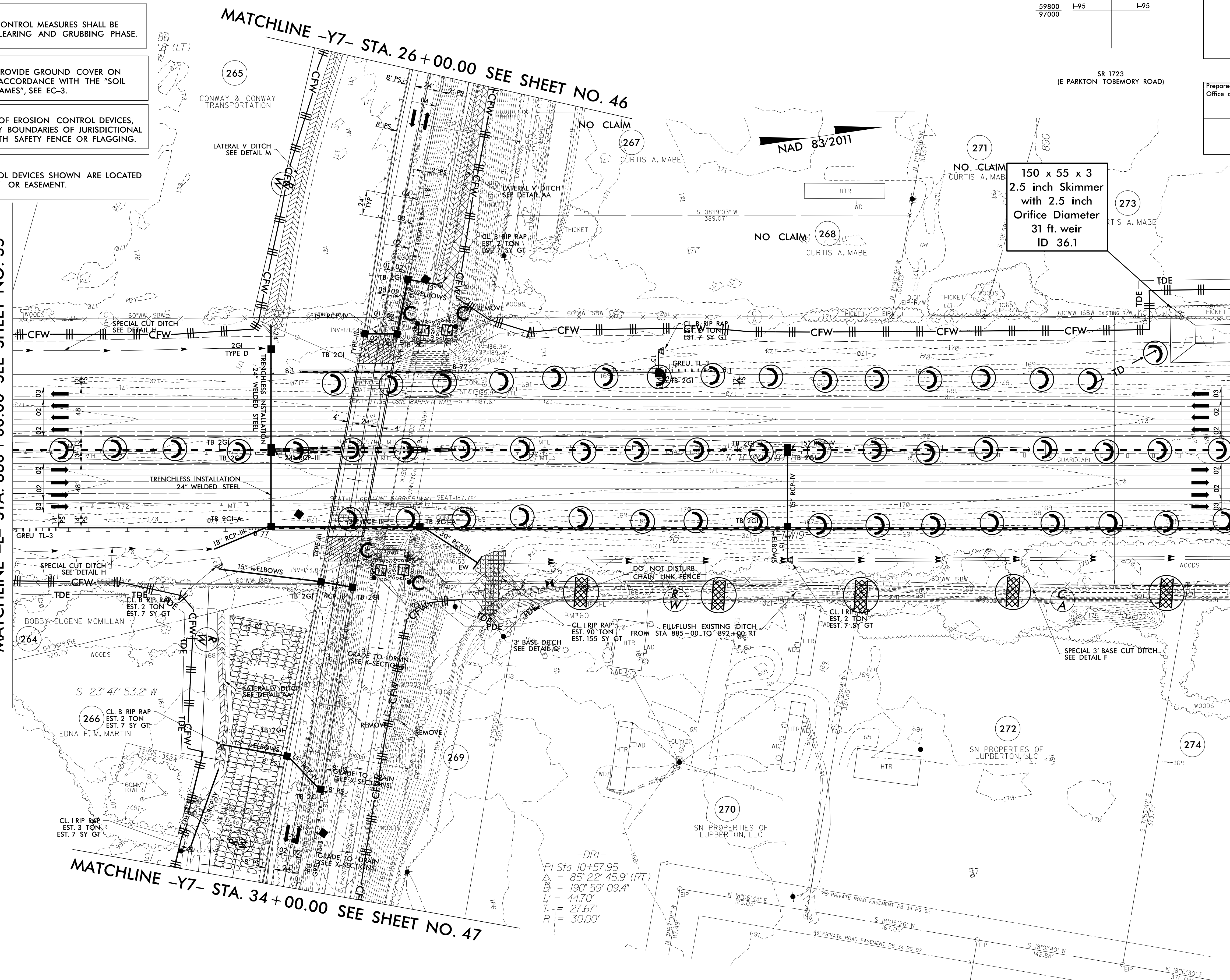
Prepared in the
Office of:
MOTT
MACDONALD



1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. 743377
Box: 919 851 8877
Fax: 919 851 8107

MATCHLINE -L- STA. 880 + 00.00 SEE SHEET NO. 35

MATCHLINE -L- STA. 892 + 00.00 SEE SHEET NO. 37



MATCHLINE -Y7- STA. 26 + 00.00 SEE SHEET NO. 46

MATCHLINE -Y7- STA. 34 + 00.00 SEE SHEET NO. 47

-DRI-
PI Sta 10+57.95
Δ = 85° 22' 45.9" (RT)
D = 190° 59' 09.4"
L' = 44.70'
T = 27.67'
R = 30.00'

150 x 55 x 3
2.5 inch Skimmer
with 2.5 inch
Orifice Diameter
31 ft. weir
ID 36.1

3/14/2022
E:\craon_control\15897B_EC_PSH_36_CG.dgn
Mott MacDonald

5/14/2022

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 37

NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED
WITHIN EXISTING R/W OR EASEMENT.

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

NOTE: PERIMETER EROSION CONTROL MEASURES SHALL BE
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NOTE: PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES,
CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL
AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

150 x 55 x 3
2.5 inch Skimmer
with 2.5 inch
Orifice Diameter
31 ft. weir
ID 36.1

PROJECT REFERENCE NO. SHEET NO.
1-5897B EC-38/CONST.37
RW SHEET NO.
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER

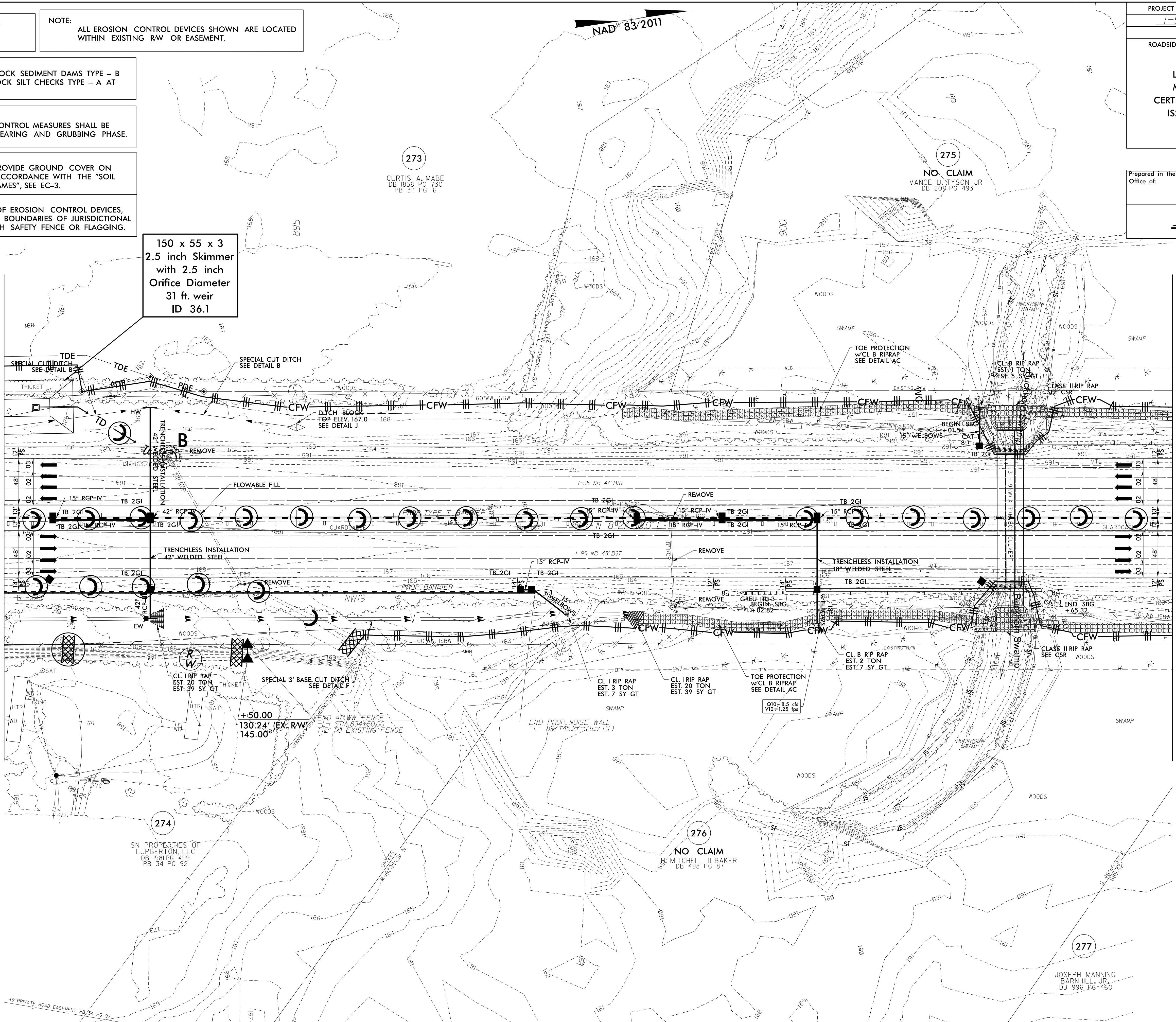
LEVEL III CERTIFIED BY:
MATTHEW HARVEY, PE
CERTIFICATION NUMBER: 3487
ISSUED: MARCH 15, 2022

Prepared in the
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MATCHLINE -L- STA. 892 + 00.00 SEE SHEET NO. 36

MATCHLINE -L- STA. 904 + 00 SEE SHEET NO. 38

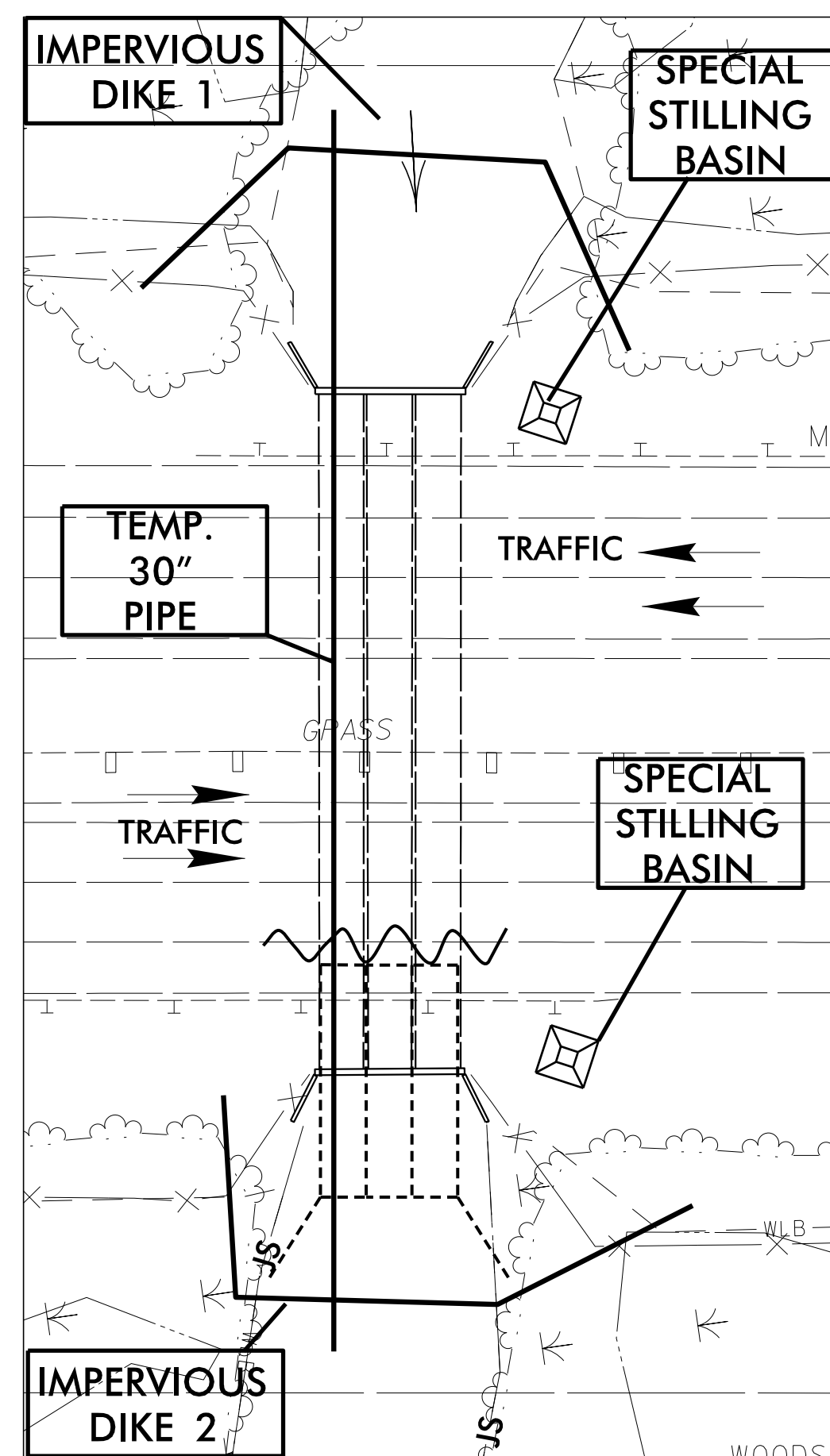
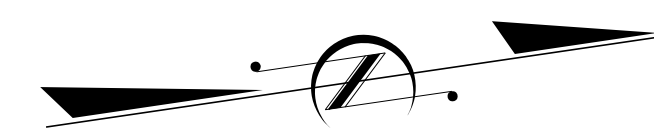


3/14/2022
Erosion Control 15897B.EC.PSH_37.CG.dgn
Mott MacDonald

LEVEL III CERTIFIED BY:
 MATTHEW HARVEY, PE
 CERTIFICATION NUMBER: 3487
 ISSUED: MARCH 15, 2022

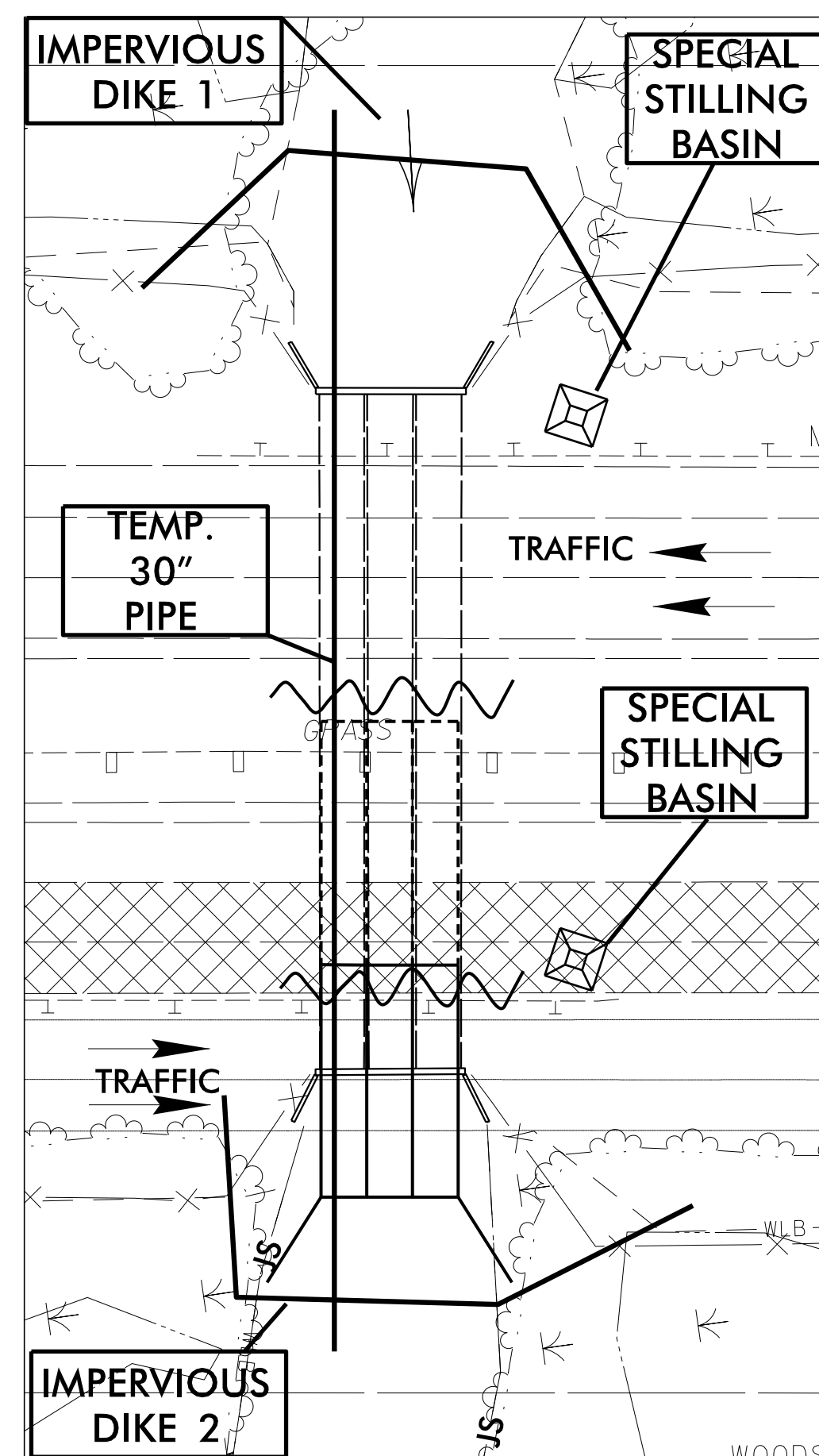


CONSTRUCTION SEQUENCE STA 902 + 30 -L3- FOR PROPOSED 3@ 9' X 8' RCBC



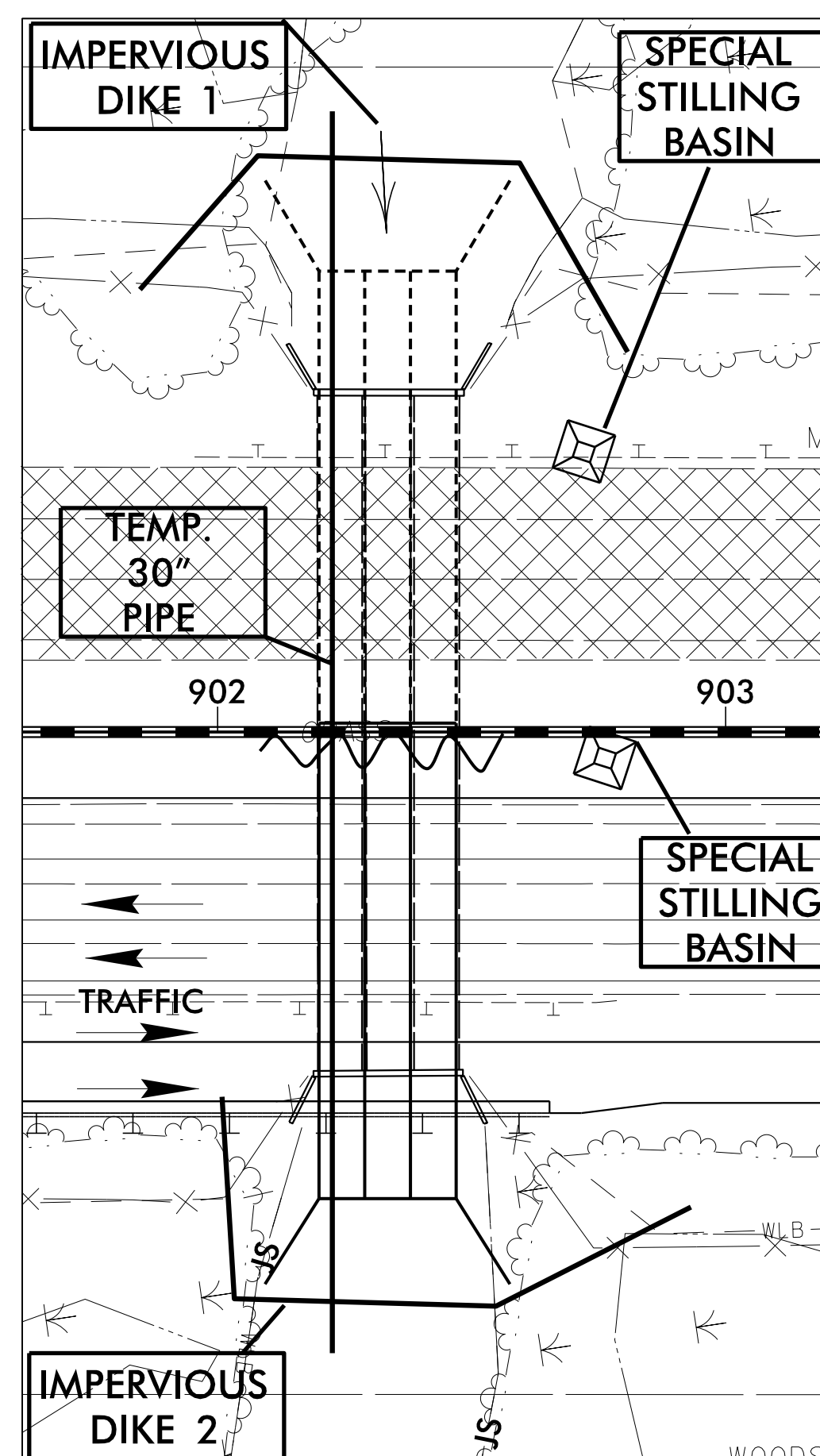
-PHASE I-

1. CONSTRUCT SPECIAL STILLING BASINS.
2. CONSTRUCT MEDIAN NBL AS SHOWN ON THE TRAFFIC CONTROL PLANS.
3. INSTALL IMPERVIOUS DIKES #1 AND #2, AND TEMPORARY 30" PIPE. DIVERT FLOW THROUGH TEMP PIPE IN LINEBACK (LB) BARREL.
4. REMOVE APPROX 20-25' EXISTING BARRELS.
5. CONSTRUCT APPROX. 45' OF PROPOSED 3@ 9'x8' RCBC IN PLACE OF THE REMOVED CULVERT.



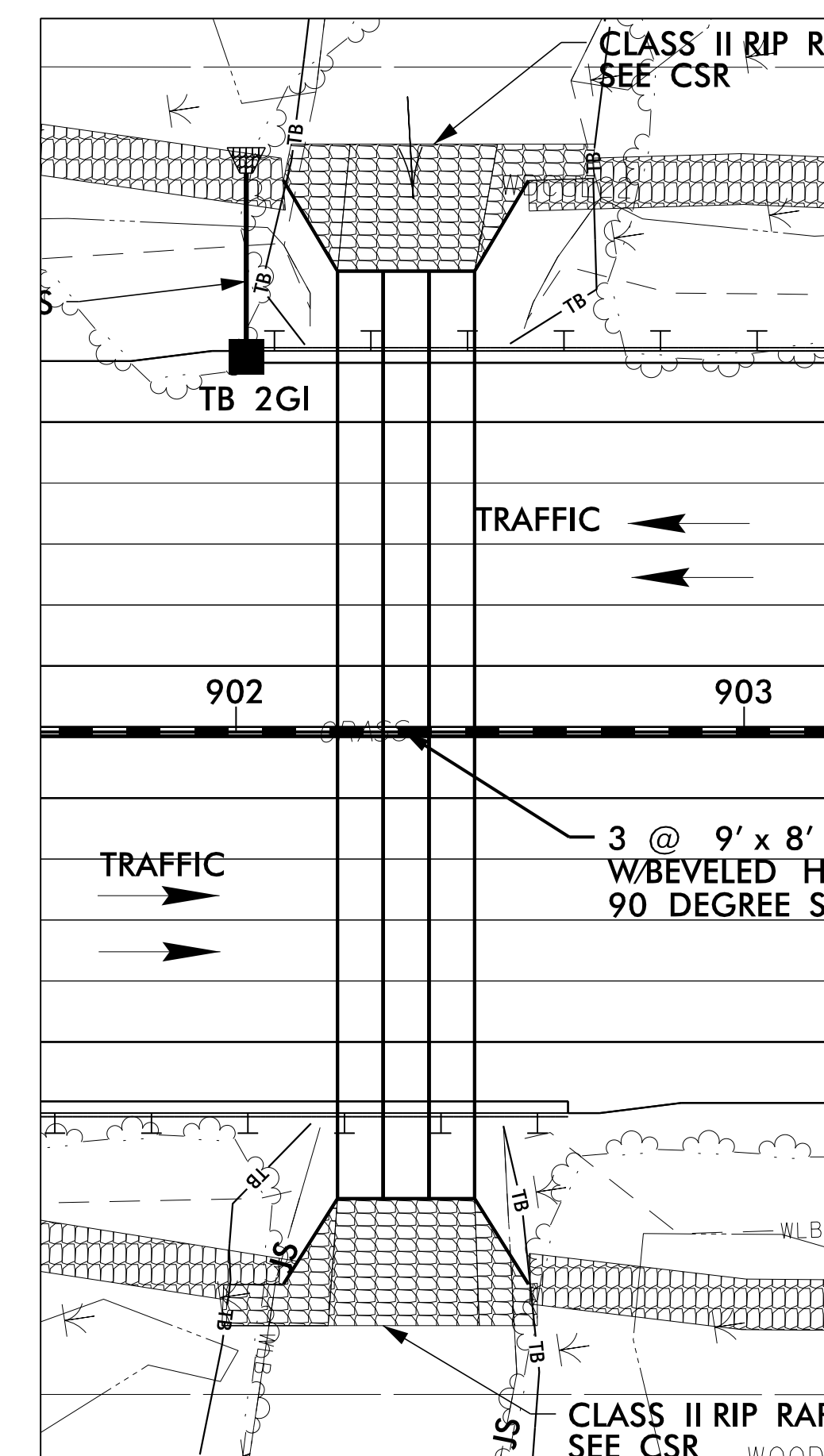
-PHASE II-

1. CONSTRUCT NEW NBL TRAFFIC PATTERN AS SHOWN IN TRAFFIC CONTROL PLANS AND SHIFT NBL TRAFFIC.
2. REMOVE ADDITIONAL ~ 50' OF EXISTING BARRELS. (REPOSITION STILLING BASIN IF NEEDED).
3. CONSTRUCT MEDIAN PORTION OF NEW RCBC, APPROX. 50'.



-PHASE III-

1. CONSTRUCT SBL OVER MEDIAN BOXES PER TRAFFIC CONTROL PHASING.
2. DIVERT SBL TO NEWLY CONSTRUCTED NB LANES.
3. REMOVE FINAL 60-65' OF EXISTING CULVERT.
3. CONSTRUCT THE FINAL 90' PORTION OF PROPOSED RCBC.



-PHASE IV-

1. REMOVE IMPERVIOUS DIKES, TEMPORARY PIPE, AND SPECIAL STILLING BASINS.
2. STABILIZE IMPACTED AREAS.

8/17/09

3/4/2022 Control\culvert_phasing\I5987_culvert_phasing_L3-902+30.dgn
 Matt Wetherill

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 38

NOTE:

PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

NOTE:

PERIMETER EROSION CONTROL MEASURES SHALL BE
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NOTE:

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NOTE:

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NOTE:

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PROJECT REFERENCE NO. SHEET NO.
I-5897B EC-39/CONST.38

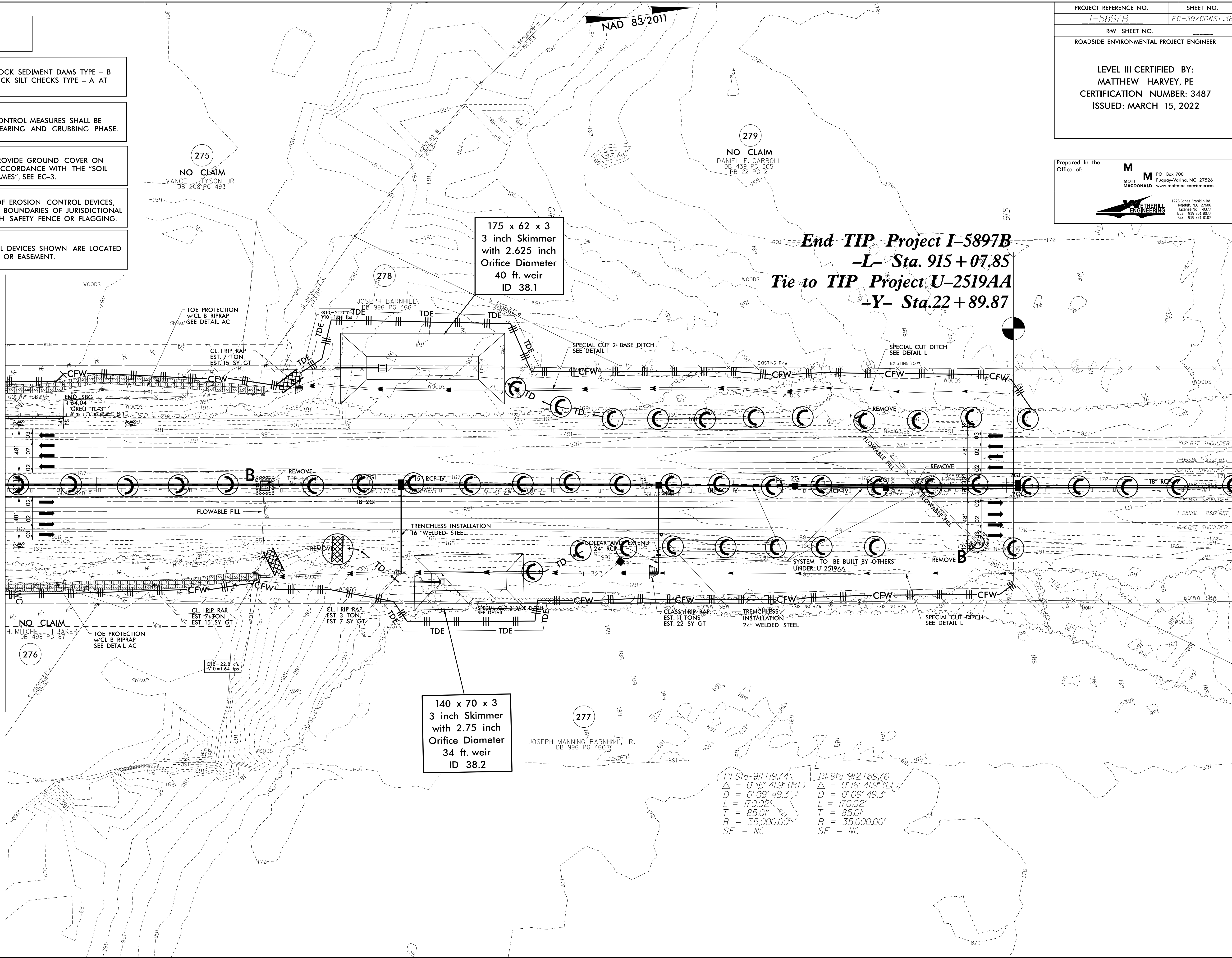
RW SHEET NO.
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER

LEVEL III CERTIFIED BY:
MATTHEW HARVEY, PE
CERTIFICATION NUMBER: 3487
ISSUED: MARCH 15, 2022

Prepared in the Office of:

M M MOTT MACDONALD
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. 142377
Bus: 919 851 8877
Fax: 919 851 8107

MATCHLINE -L- STA. 904 + 00 SEE SHEET NO. 37



175 x 62 x 3
3 inch Skimmer
with 2.625 inch
Orifice Diameter
40 ft. weir
ID 38.1

140 x 70 x 3
3 inch Skimmer
with 2.75 inch
Orifice Diameter
34 ft. weir
ID 38.2

End TIP - Project I-5897B
-L- Sta. 915 + 07.85
Tie to TIP - Project U-2519AA
-Y- Sta. 22 + 89.87

PI Sta-911+19.74	PI Sta-912+89.76
Δ = 0°16' 41.9" (RT)	Δ = 0°16' 41.9" (LT)
D = 0°09' 49.3"	D = 0°09' 49.3"
L = 170.02'	L = 170.02'
T = 85.01'	T = 85.01'
R = 35,000.00'	R = 35,000.00'
SE = NC	SE = NC

5/14/2022

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Mott MacDonald

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

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

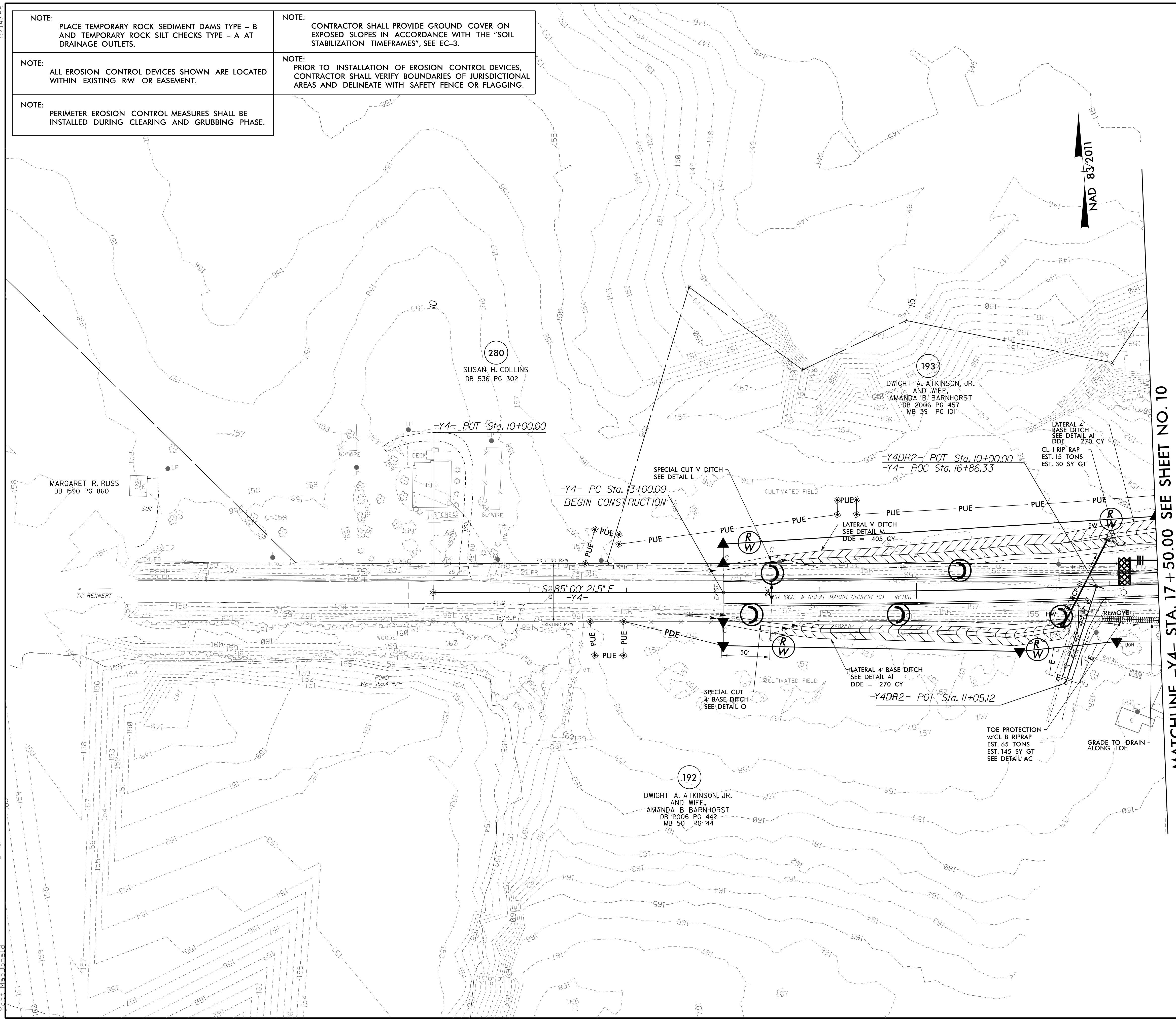
NOTE: PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

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PROJECT REFERENCE NO.	SHEET NO.
1-5987B	EC-40/CONST.39
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: ELENI M. RIGGS, PE CERTIFICATION NUMBER: 3056 ISSUED: MARCH 15, 2022	
Prepared in the Office of:	<p>M MOTT MACDONALD</p> <p>7621 Purfoy Rd, Suite 115 Fuquay-Varina, NC 27526 www.mottmac.com/americas</p>

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 39



MATCHLINE -Y4- STA. 17 + 50.00 SEE SHEET NO. 10

LEVEL III CERTIFIED BY:
 ELENI M. RIGGS, PE
 CERTIFICATION NUMBER: 3056
 ISSUED: MARCH 15, 2022

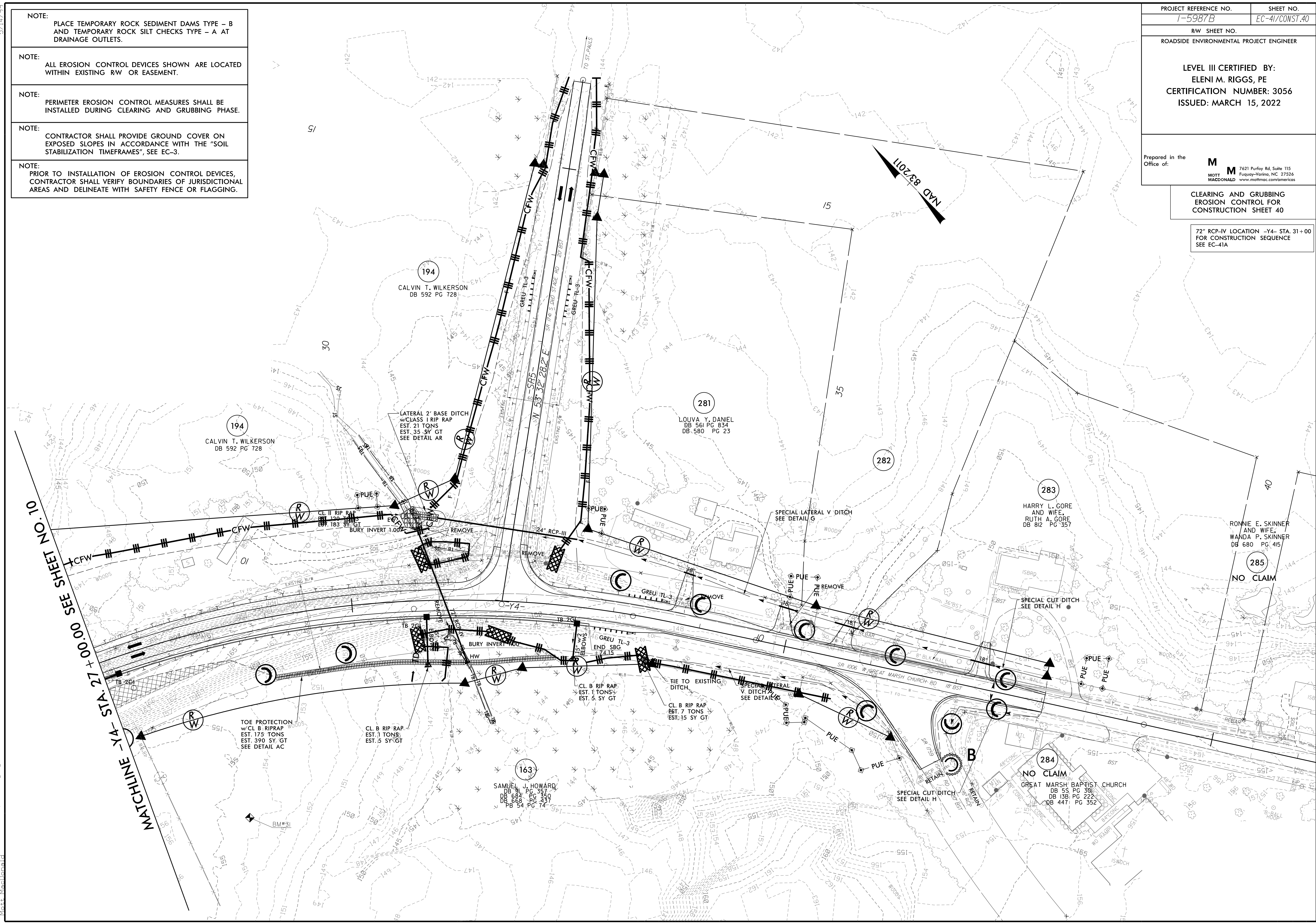
Prepared in the Office of:
M MOTT MACDONALD
 7621 Purfoy Rd, Suite 115
 Fuquay-Varina, NC 27526
 www.mottmac.com/americas

CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 40

72" RCP-IV LOCATION -Y4- STA. 31+00
 FOR CONSTRUCTION SEQUENCE
 SEE EC-41A

- NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.
- NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT.
- NOTE: PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.
- NOTE: CONTRACTOR SHALL PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.
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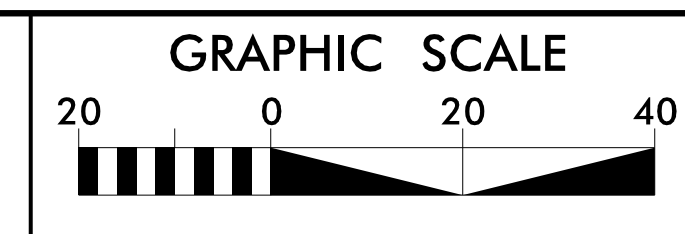


MATCHLINE -Y4- STA. 27+00.00 SEE SHEET NO. 10

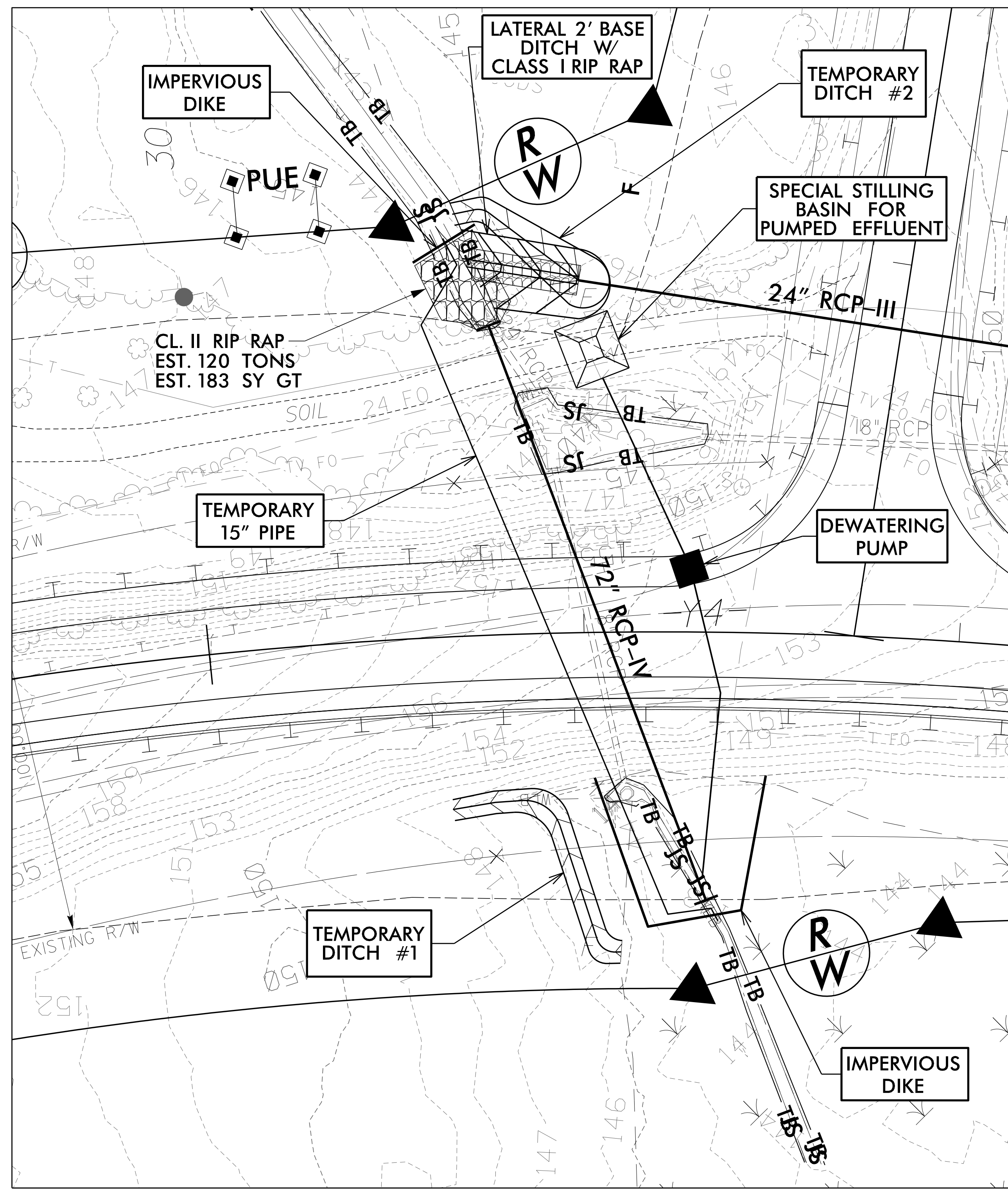
NAD 83 ZONE 11

5/14/99

CONSTRUCTION SEQUENCE STA. 31+00 -Y4- PHASE 1



PROJECT REFERENCE NO. 1-5987B	SHEET NO. EC-41A/CONST.40
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: ELENI M. RIGGS, PE CERTIFICATION NUMBER: 3056 ISSUED: MARCH 15, 2022	
Prepared in the Office of:	 7621 Purfoy Road, Suite 115 Fuquay-Varina, NC 27526 (919) 552-2253 www.mottmac.com MOTT MACDONALD NC License No. F-0669



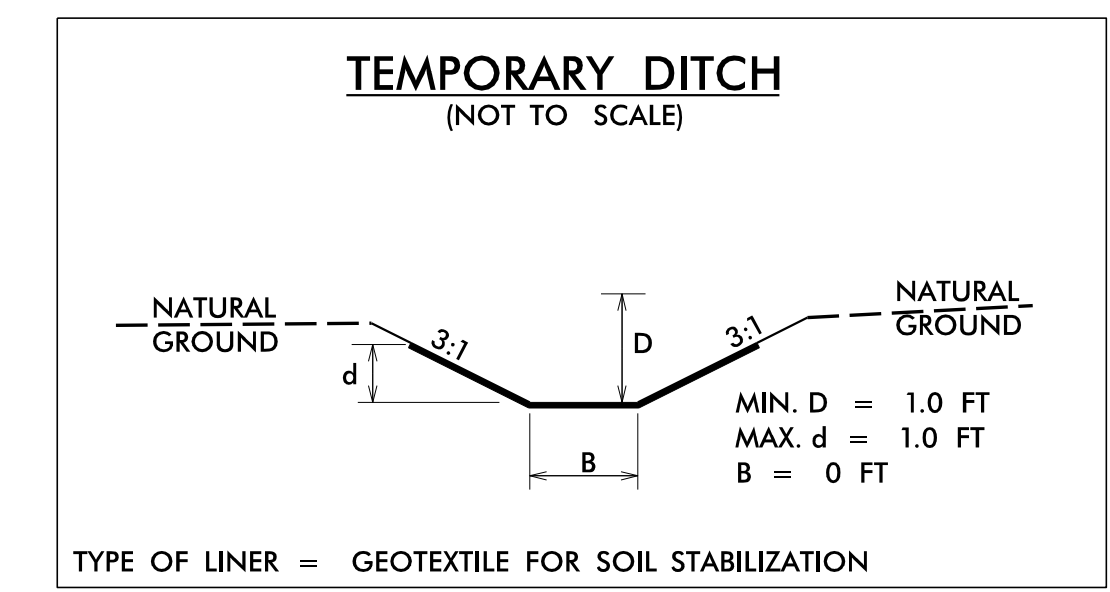
PHASE 1

(ROAD CLOSURE - MAINTENANCE OF TRAFFIC VIA OFFSITE DETOUR)

- 1.) INSTALL ALL TEMPORARY SEDIMENT CONTROL DEVICES NECESSARY FOR CULVERT CONSTRUCTION.
- 2.) INSTALL PROPOSED 24" RCP-III UNDER -SR5-, ACCORDING TO THE PLANS.
- 3.) INSTALL SPECIAL STILLING BASINS WITHIN PROJECT RIGHT-OF-WAY.
- 4.) CONSTRUCT TEMPORARY DITCHES #1 AND #2 AND INSTALL UPSTREAM IMPERVIOUS DIKE.
- 5.) EXCAVATE ROADWAY EMBANKMENT AND INSTALL 15" TEMPORARY PIPE.
- 6.) PLACE DOWNSTREAM IMPERVIOUS DIKE AND PUMPING APPARATUS. DEWATER ISOLATED WORK AREA.
- 7.) REMOVE EXISTING 18" RCP.
- 8.) INSTALL PROPOSED 72" RCP-IV, INCLUDING HEADWALL, ENDWALL AND CLASS II RIP RAP OUTLET PROTECTION.
- 9.) REMOVE IMPERVIOUS DIKES AND DIVERT FLOW THROUGH 72" RCP-IV.
- 10.) REMOVE 15" TEMPORARY PIPE.
- 11.) REMOVE SPECIAL STILLING BASIN AND STABILIZE DISTURBED AREAS WITH SEED AND MULCH.
- 12.) CONSTRUCT LATERAL 2' BASE DITCH W/CLASS I RIP RAP ACCORDING TO ROADWAY PLANS AND BACKFILL TEMPORARY DITCHES #1 AND #2.
- 13.) COMPLETE ROADWAY.

NOTE:
THE CONTRACTOR SHALL NOT PUMP SEDIMENT-LADEN WATER DIRECTLY INTO STREAM. FOR DEWATERING OF SITE, THE CONTRACTOR SHALL FILTER SEDIMENT-LADEN WATER THROUGH SPECIAL STILLING BASIN.

FOR PUMP-AROUND OPERATION, THE CONTRACTOR MAY UTILIZE STABILIZED OUTLET INSTEAD OF SPECIAL STILLING BASIN, IF PUMPING CLEAN WATER.



3/14/2022
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Mott MacDonald

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

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

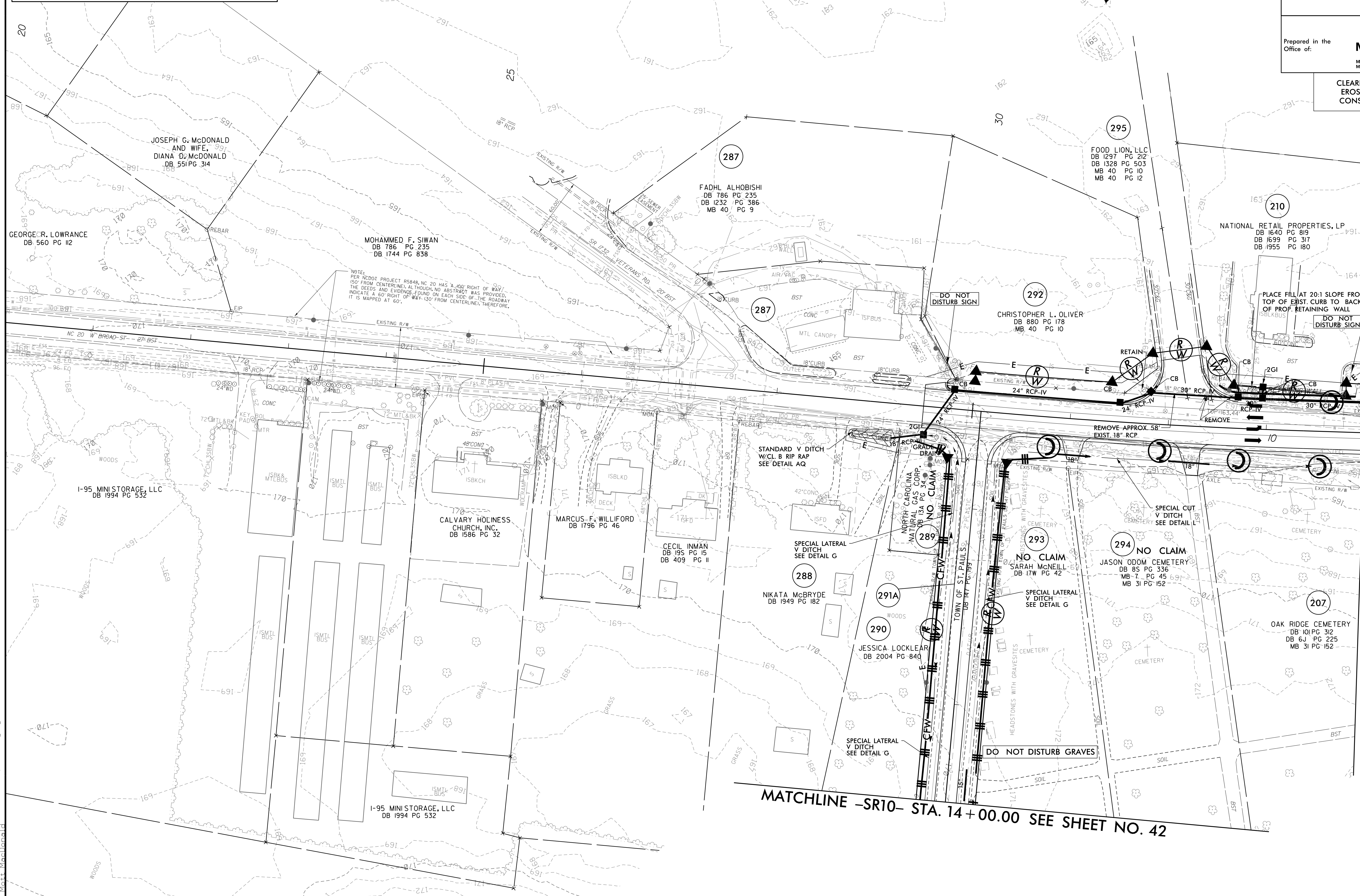
NOTE: PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

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

NOTE: PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES, CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

PROJECT REFERENCE NO.	SHEET NO.
1-5987B	EC-42/CONST.41
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: ELENI M. RIGGS, PE CERTIFICATION NUMBER: 3056 ISSUED: MARCH 15, 2022	
Prepared in the Office of:	M 7621 Purfoy Rd, Suite 115 Fuquay-Varina, NC 27526 MOTT MACDONALD www.mottmac.com/americas

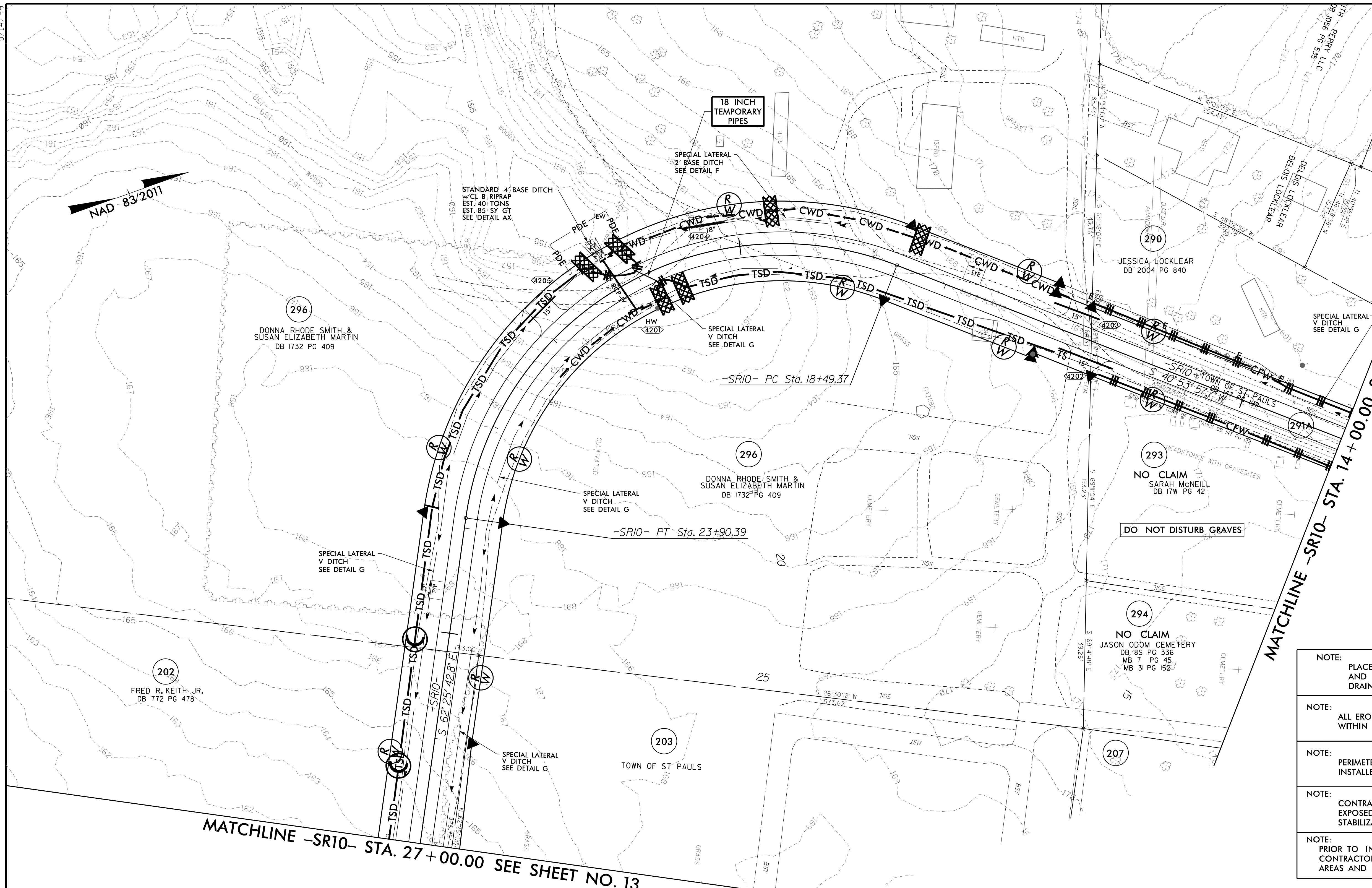
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 41



MATCHLINE -Y5- STA. 34 + 00 SEE SHEET NO. 13

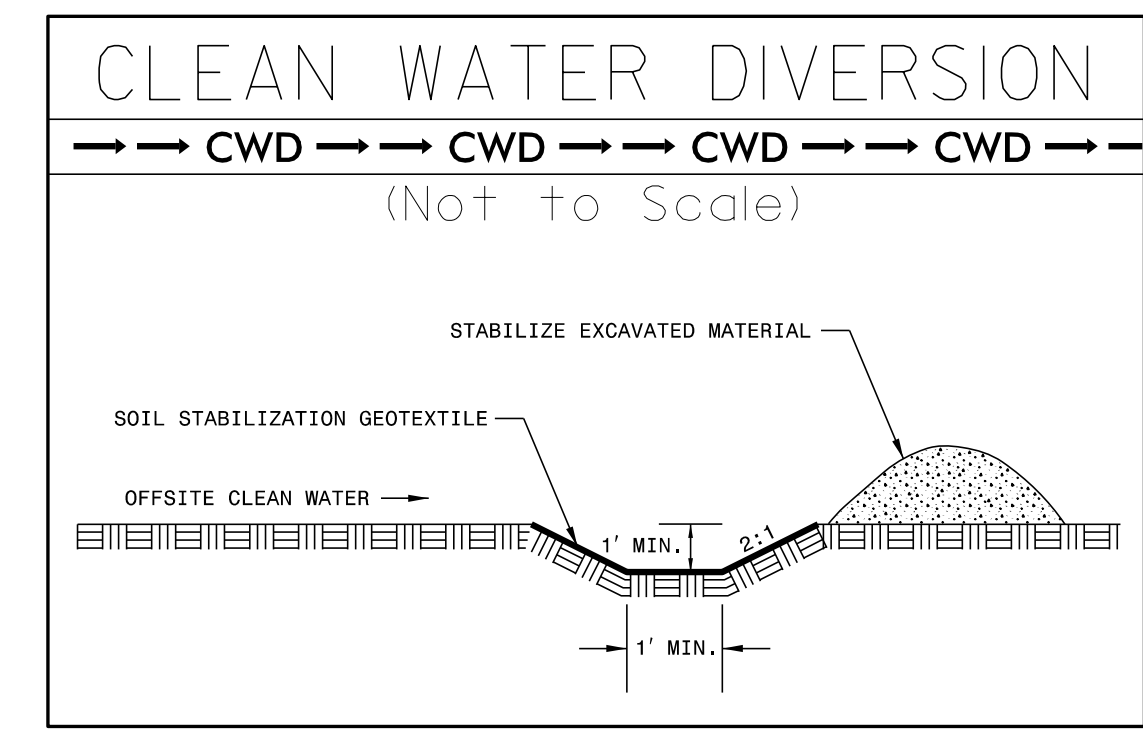
MATCHLINE -SR10- STA. 14 + 00.00 SEE SHEET NO. 42

3/14/2022 11:59:47 AM 1-5987B-EC-psh42.cgs.dgn



CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 42

- NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.
- NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT.
- NOTE: PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.
- NOTE: CONTRACTOR SHALL PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.
- NOTE: PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES, CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.



R:\E-cad\1\5987b-EC-psh43.cad.dgn
3/14/2022
Mott MacDonald

5/14/99

**CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 43**

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

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE
INSTALLED DURING CLEARING AND GRUBBING PHASE.

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

NOTE:
PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES,
CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL
AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

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

PROJECT REFERENCE NO. SHEET NO.
1-5987B EC-44/CONST.43

RW SHEET NO.
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER

LEVEL III CERTIFIED BY:
MATTHEW HARVEY, PE
CERTIFICATION NUMBER: 3487
ISSUED: MARCH 15, 2022

ETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

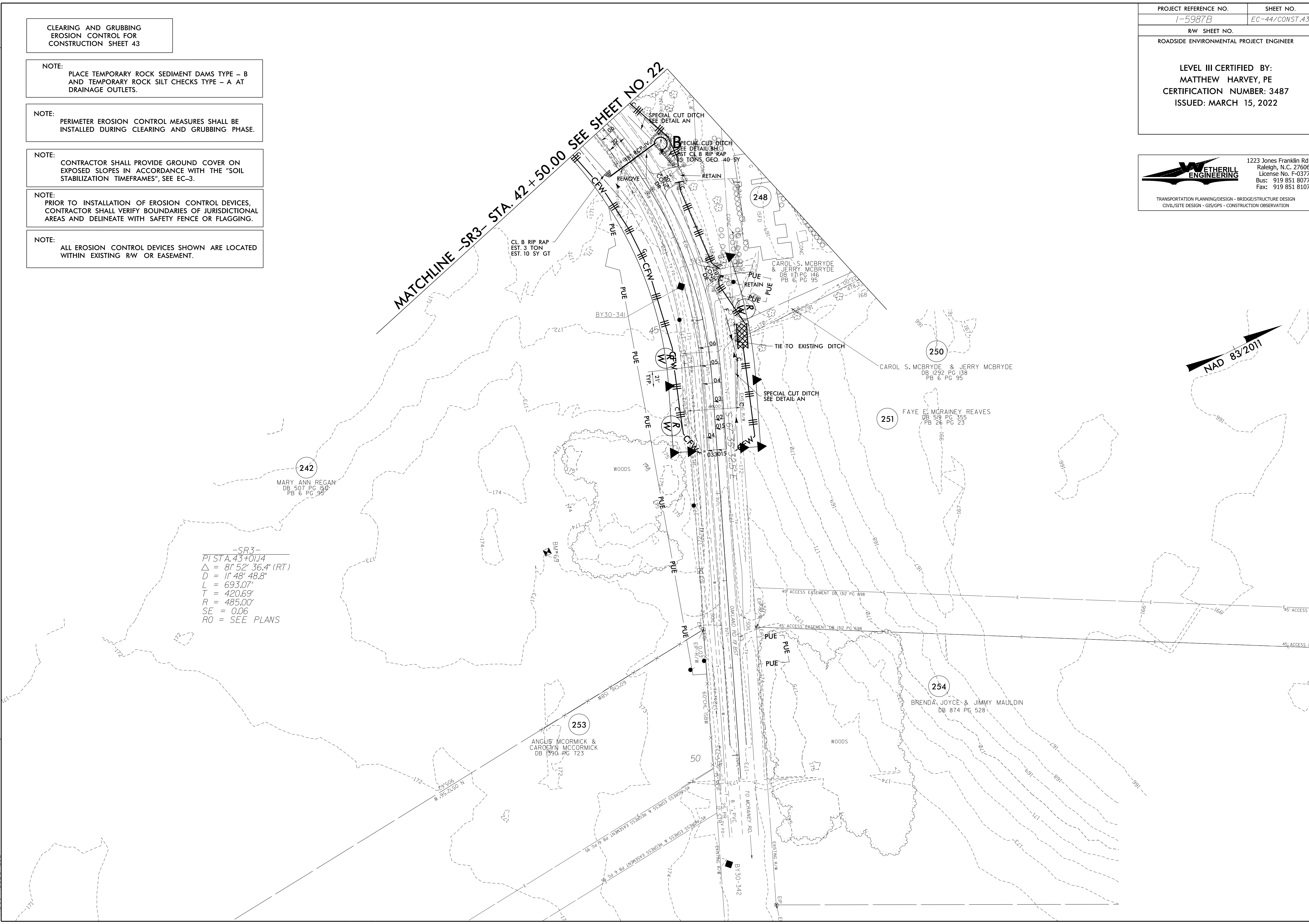
REVISIONS

MATCHLINE -SR3- STA. 42+50.00 SEE SHEET NO. 22

-SR3-
 PI STA. 43+01.14
 $\Delta = 81^{\circ} 52' 36.4" (RT)$
 $D = 11^{\circ} 48' 48.8"$
 $L = 693.07'$
 $T = 420.69'$
 $R = 485.00'$
 $SE = 0.06$
 $RO = SEE PLANS$



3/14/2022
 \Erosion_Control\15987b_EC_PSH_43.CG.dgn
 Matt MacDonald



5/14/99

**CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 44**

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

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE
INSTALLED DURING CLEARING AND GRUBBING PHASE.

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

NOTE:
PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES,
CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL
AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

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

PROJECT REFERENCE NO. SHEET NO.
1-5987B EC-45/CONST.44

R/W 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:

M M
MOTT
MACDONALD

PO Box 700
Fuquay-Varina, NC 27526
www.mottmac.com/americas

**ETHERILL
ENGINEERING**

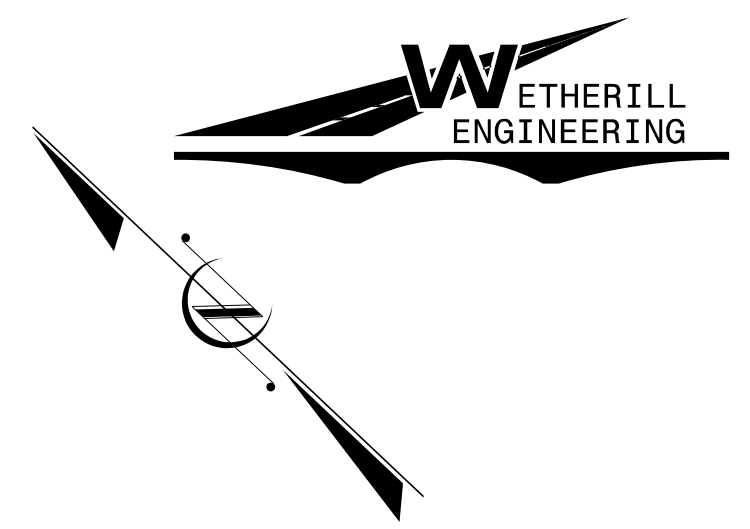
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. 14-0377
Bus: 919.951.8077
Fax: 919.951.9107



3/14/2022
Erosion_Control\15987b_EC_PSH_44_CG.dgn
Mott MacDonald

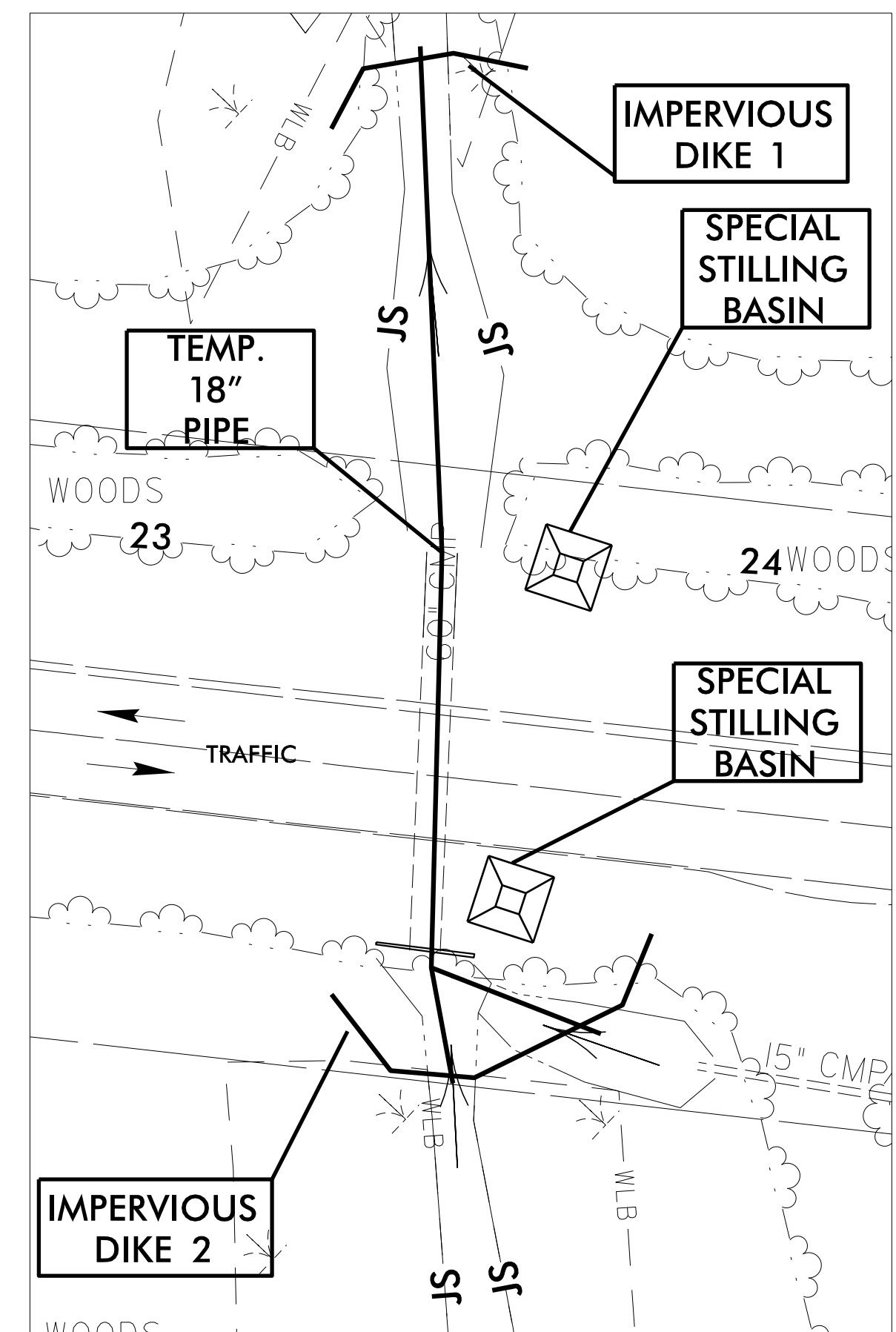
MATCHLINE -Y6- STA. 26 + 00.00 SEE SHEET NO. 25

-Y6-	
PI Sta 20+25.89	PI Sta 26+92.85
$\Delta = 4' 58' 32.9''$ (LT)	$\Delta = 1' 54' 45.5''$ (RT)
$D = 0' 30' 58.2''$	$D = 0' 30' 58.2''$
$L = 963.97'$	$L = 370.54'$
$T = 482.29'$	$T = 185.29'$
$R = 11,100.00'$	$R = 11,100.00'$
SE = NC	SE = NC



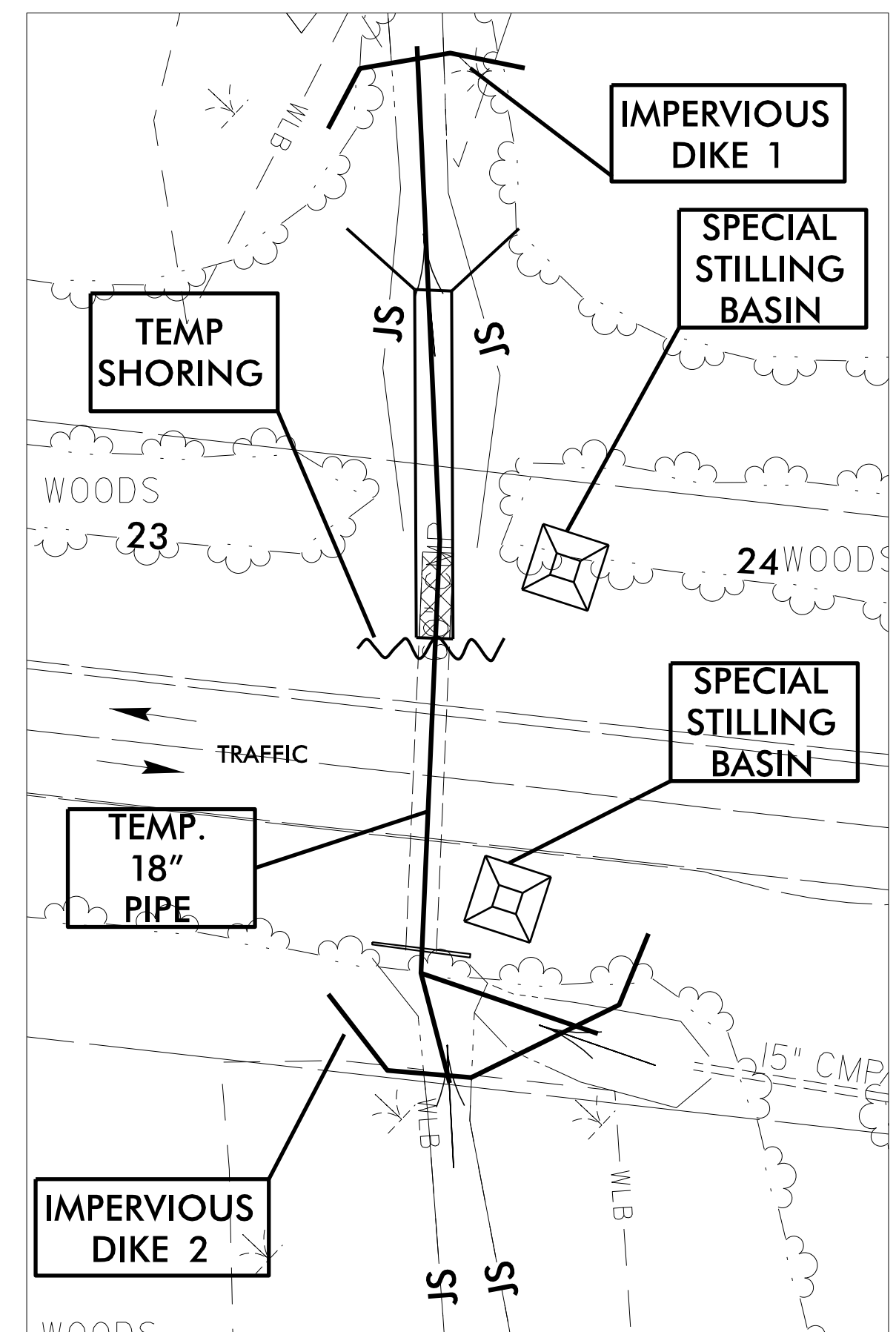
PROJECT REFERENCE NO. I-5987B	SHEET NO. EC-45A/CONST.44
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE CERTIFICATION NUMBER: 3487 ISSUED: MARCH 15, 2022	

CONSTRUCTION SEQUENCE STA 23+50 -Y6- FOR PROPOSED 1@ 6' X 7' RCBC



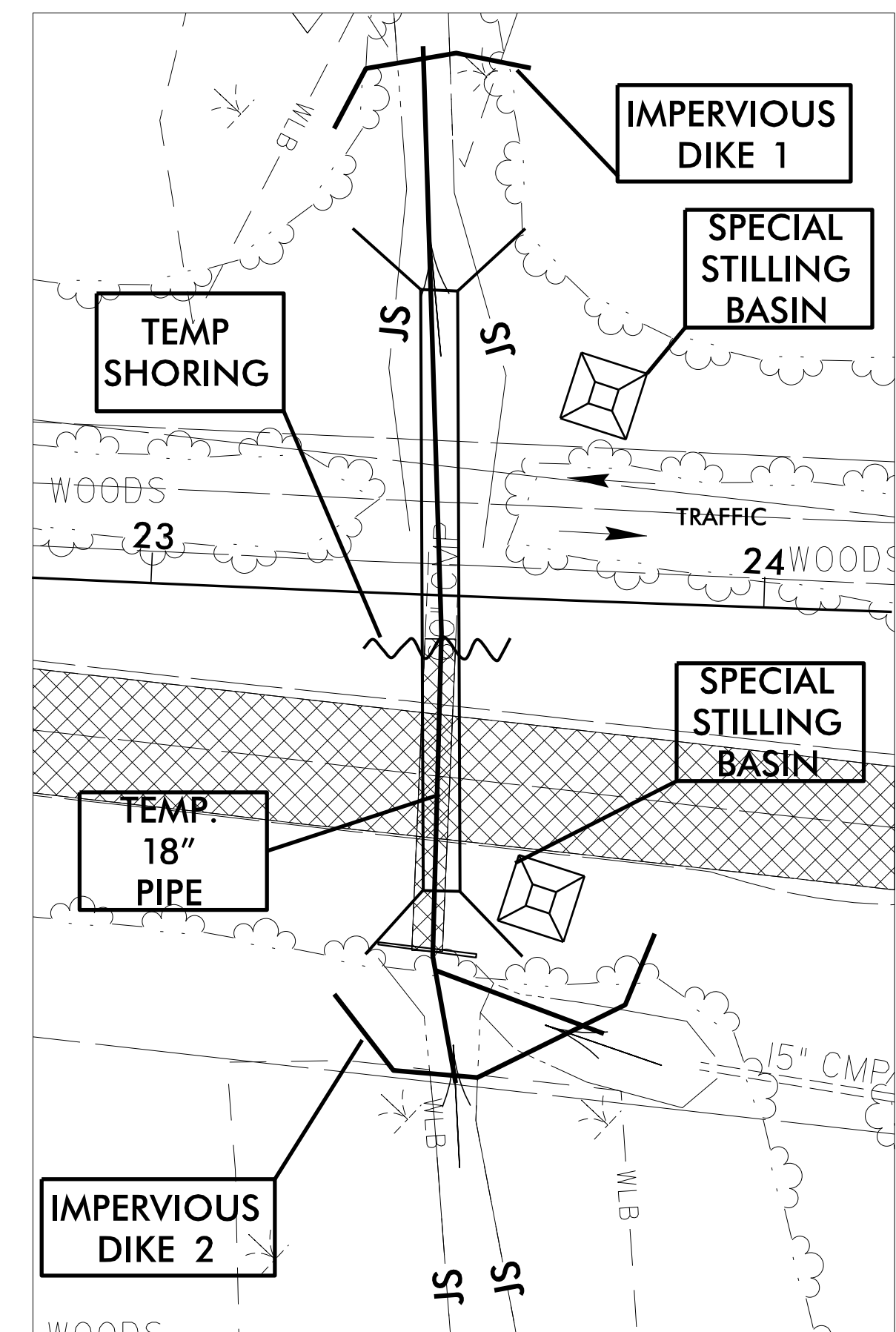
-PHASE I-

1. CONSTRUCT STILLING BASINS.
2. INSTALL IMPERVIOUS DIKES #1 AND #2, AND TEMPORARY 18" PIPE (TEE SECTION MAY BE NEEDED IF THERE IS NOT ENOUGH ROOM IN THE CHANNEL FOR CONTINUOUS FLOW).
3. DIVERT FLOW THROUGH PIPE.



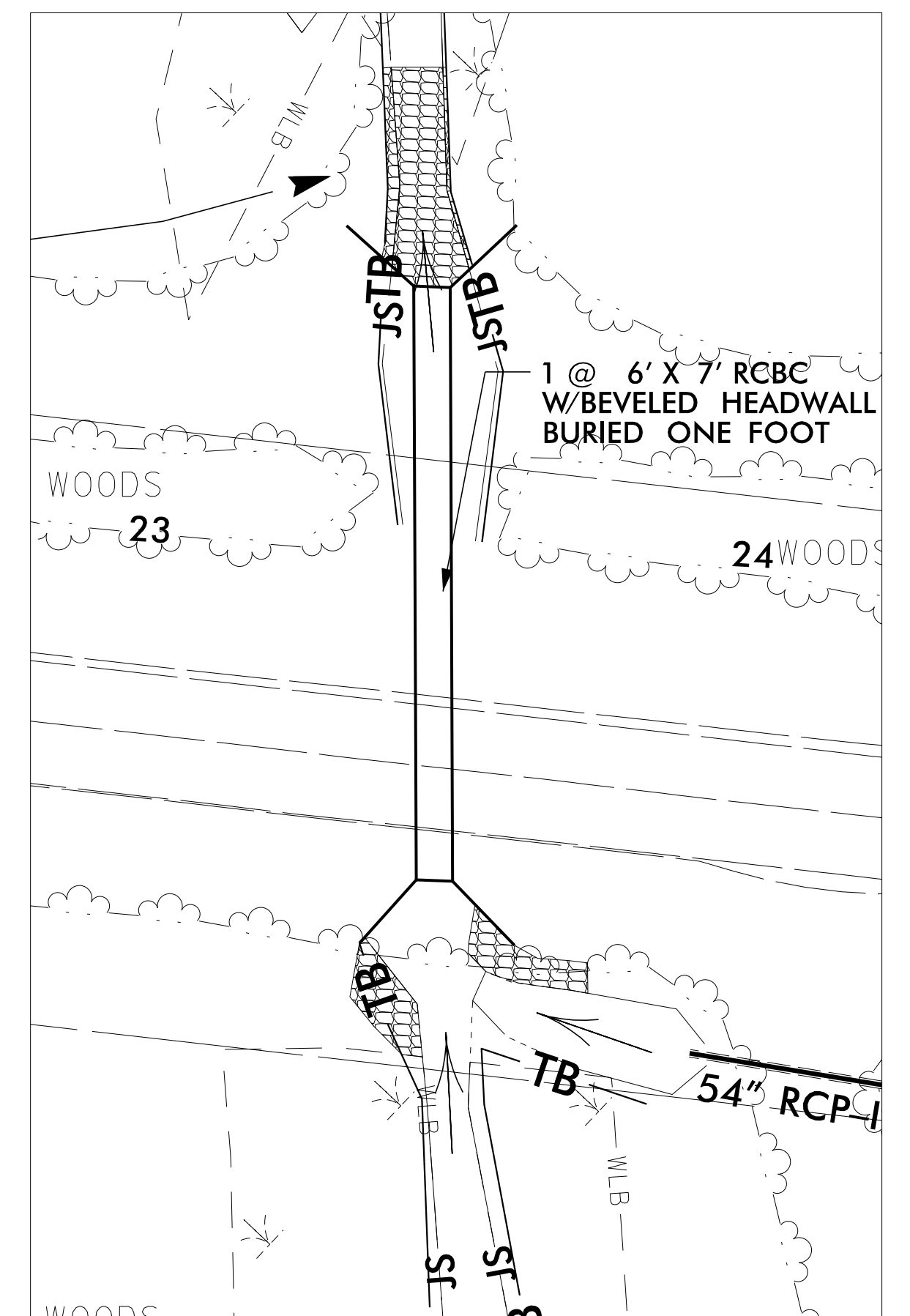
-PHASE II-

1. USE TEMP SHORING TO CONSTRUCT NEW RCBC, APPROXIMATELY 14' OF EXISTING 60" CMP WILL BE REMOVED.
2. FILL AND ROADWAY TO BE CONSTRUCTED ABOVE ~115' OF PROPOSED RCBC PER TRAFFIC CONTROL PLANS.



-PHASE III-

1. SHIFT TRAFFIC TO TEMPORARY ROADWAY.
2. REMOVE REMAINDER OF THE EXISTING 60" CMP
3. CONSTRUCT REMAINDER OF RCBC.
4. CONSTRUCT PERMANENT ROADWAY.



-PHASE IV-

1. INSTALL CHANNEL IMPROVEMENTS AND BANK PROTECTION IN THE DRY.
2. REMOVE IMPERVIOUS DIKES AND TEMPORARY PIPE.

-PHASE V-

1. REMOVE STILLING BASINS AND STABILIZE IMPACTED AREAS

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 45

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

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

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE
INSTALLED DURING CLEARING AND GRUBBING PHASE.

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

NOTE:
PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES,
CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL
AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

PROJECT REFERENCE NO. 1-5987B
SHEET NO. EC-46/CONST.45
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:

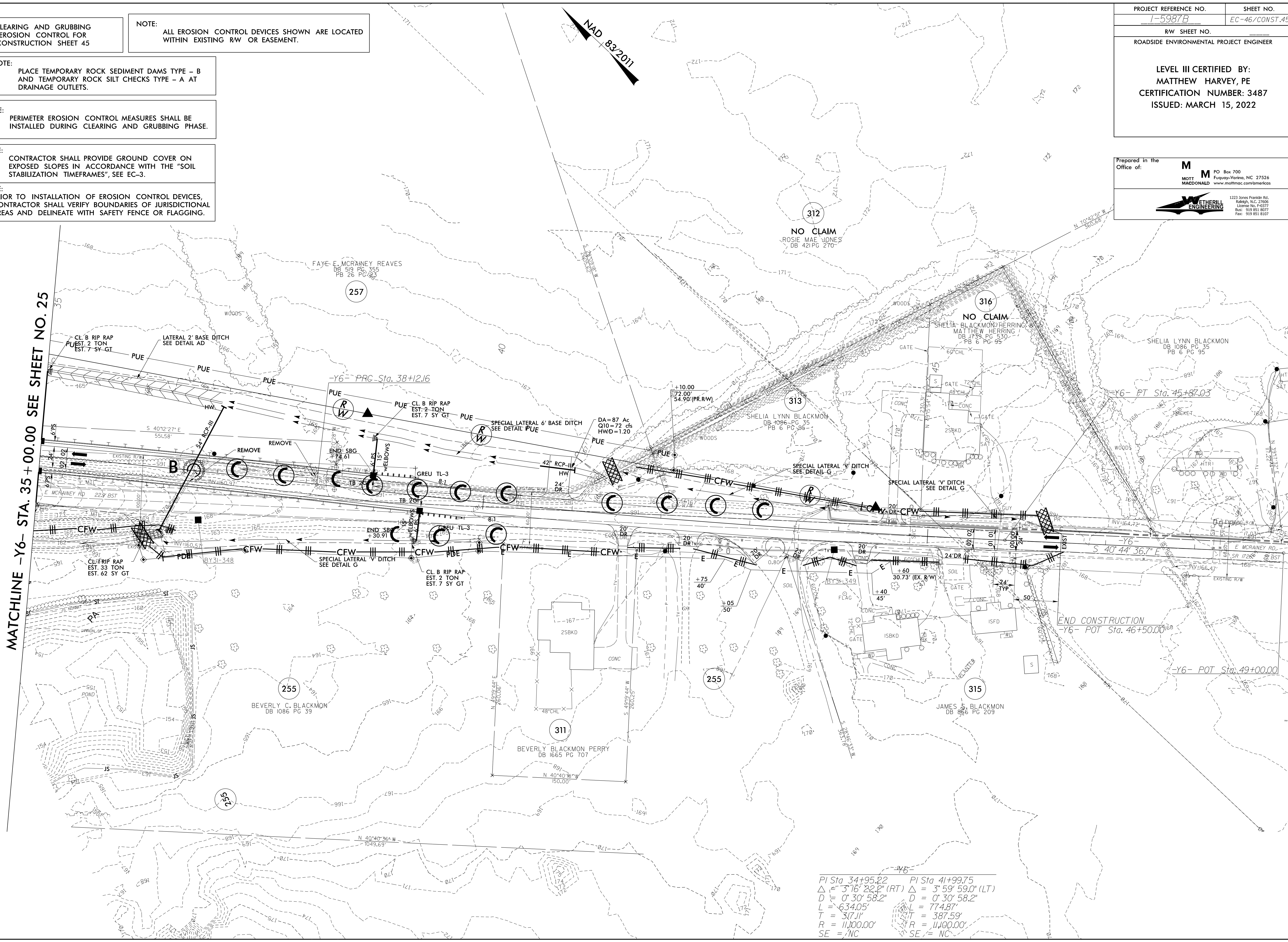
M M
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Fuquay-Varina, NC 27526
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ETHERILL
ENGINEERING

1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. 1-4377
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Fax: 919.951.9107

MATCHLINE -Y6- STA. 35 + 00.00 SEE SHEET NO. 25



PI Sta 34+95.22	PI Sta 41+99.75
$\Delta = 3' 16'' 22.2''$ (RT)	$\Delta = 3' 59'' 59.0''$ (LT)
$D = 0' 30'' 58.2''$	$D = 0' 30'' 58.2''$
$L = 634.05'$	$L = 774.87'$
$T = 317.11'$	$T = 387.59'$
$R = 11,100.00'$	$R = 11,100.00'$
SE = NC	SE = NC

5/14/99

**CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 46**

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

NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE
INSTALLED DURING CLEARING AND GRUBBING PHASE.

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

NOTE:
PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES,
CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL
AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

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

PROJECT REFERENCE NO. SHEET NO.
1-5897B EC-47/CONST.46

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:

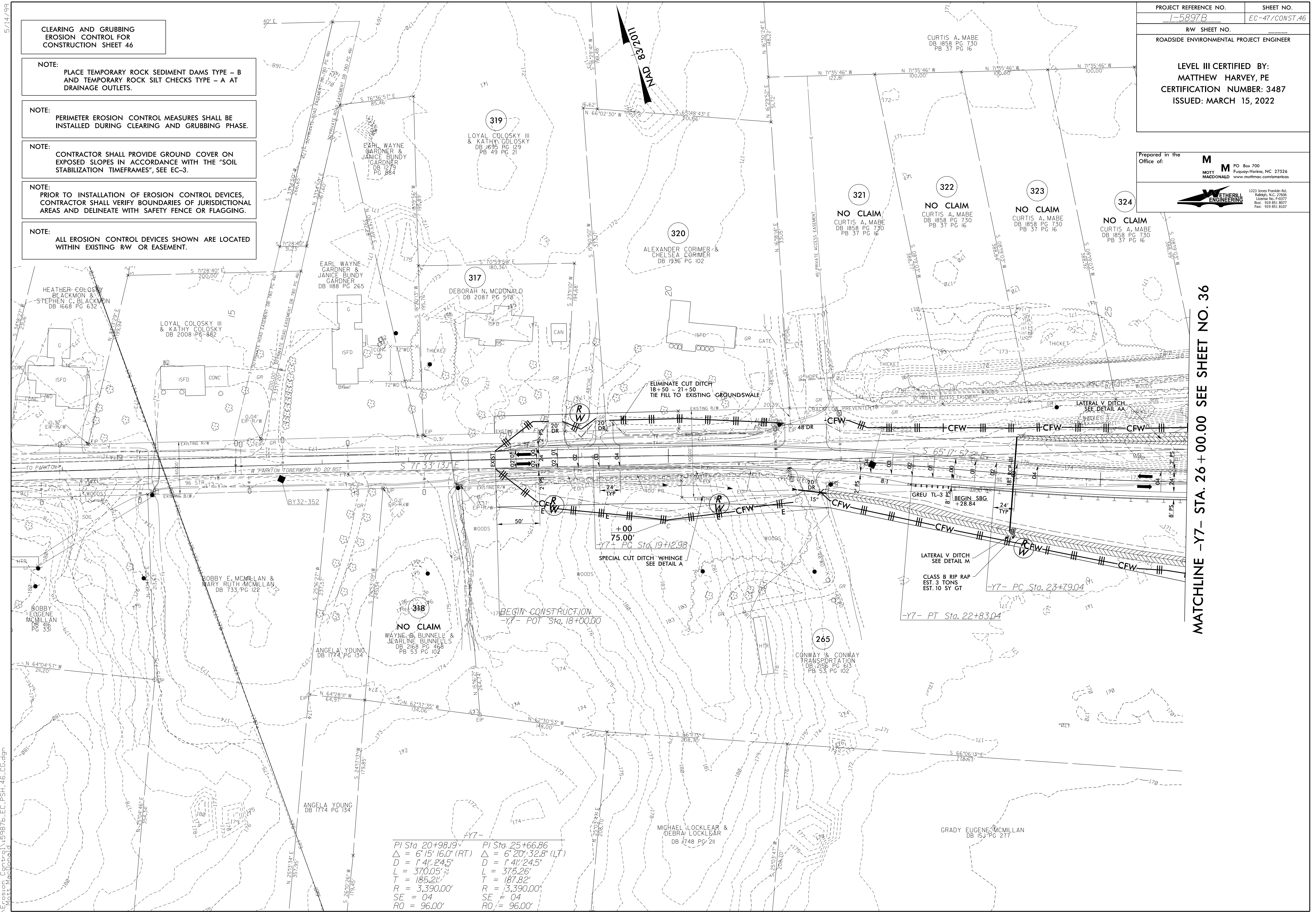
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MACDONALD

PO Box 700
Fuquay-Varina, NC 27526
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METHERILL ENGINEERING

1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. 14377
Bus: 919.851.8077
Fax: 919.851.9107

MATCHLINE -Y7- STA. 26 + 00.00 SEE SHEET NO. 36



PI Sta 20+98.19	PI Sta 25+66.86
$\Delta = 6^{\circ}15'16.0''$ (RT)	$\Delta = 6^{\circ}20'32.8''$ (LT)
$D = 1^{\circ}41'24.5''$	$D = 1^{\circ}41'24.5''$
$L = 370.05'$	$L = 375.26'$
$T = 185.21'$	$T = 187.82'$
$R = 3,390.00'$	$R = 3,390.00'$
$SE = 04$	$SE = 04$
$RO = 96.00'$	$RO = 96.00'$

3/14/2022
Erosion Control\15897b.ec_psh_46.cg.dgn
Mott MacDonald

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 47

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

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

NOTE: PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

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

NOTE: PRIOR TO INSTALLATION OF EROSION CONTROL DEVICES, CONTRACTOR SHALL VERIFY BOUNDARIES OF JURISDICTIONAL AREAS AND DELINEATE WITH SAFETY FENCE OR FLAGGING.

PROJECT REFERENCE NO. 1-5897B SHEET NO. EC-48/CONST.47

RW SHEET NO.

ROADSIDE ENVIRONMENTAL PROJECT ENGINEER

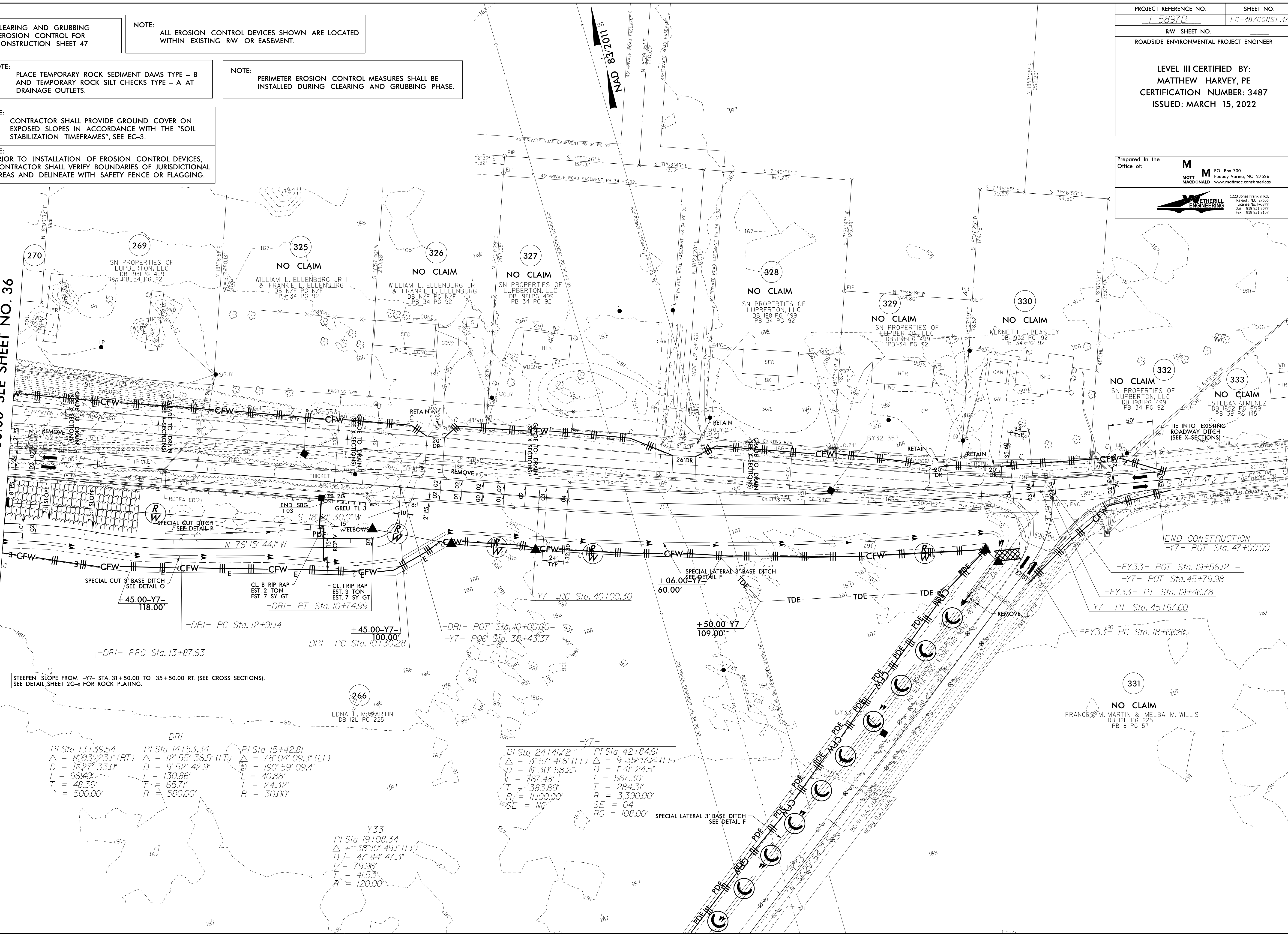
LEVEL III CERTIFIED BY:
MATTHEW HARVEY, PE
CERTIFICATION NUMBER: 3487
ISSUED: MARCH 15, 2022

Prepared in the Office of:

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ETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
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Fax: 919.851.9107

MATCHLINE -Y7- STA. 34 + 00.00 SEE SHEET NO. 36



-DRI-

PI Sta 13+39.54 Δ = 11° 03' 23.1" (RT) D = 11' 27' 33.0" L = 96.49' T = 48.39' R = 500.00'	PI Sta 14+53.34 Δ = 12° 55' 36.5" (LT) D = 9' 52' 42.9" L = 130.86' T = 65.71' R = 580.00'	PI Sta 15+42.81 Δ = 78° 04' 09.3" (LT) D = 190' 59' 09.4" L = 40.88' T = 24.32' R = 30.00'
---	---	---

-Y7-

PI Sta 24+41.72 Δ = 3° 57' 41.6" (LT) D = 0' 30' 58.2" L = 767.48' T = 383.89' R = 11,000.00' SE = NC	PI Sta 42+84.61 Δ = 9° 35' 17.2" (LT) D = 1' 41' 24.5" L = 567.30' T = 284.31' R = 3,390.00' SE = 04 RO = 108.00'
---	--

-Y33-

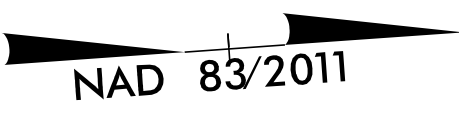
PI Sta 19+08.34 Δ = 38° 10' 49.1" (LT) D = 47' 44' 47.3" L = 79.96' T = 41.53' R = 120.00'

LEVEL III CERTIFIED BY:
 ELENI M. RIGGS, PE
 CERTIFICATION NUMBER: 3056
 ISSUED: MARCH 15, 2022

Prepared in the Office of:
M MOTT MACDONALD
 7621 Purfoy Rd, Suite 115
 Fuquay-Varina, NC 27526
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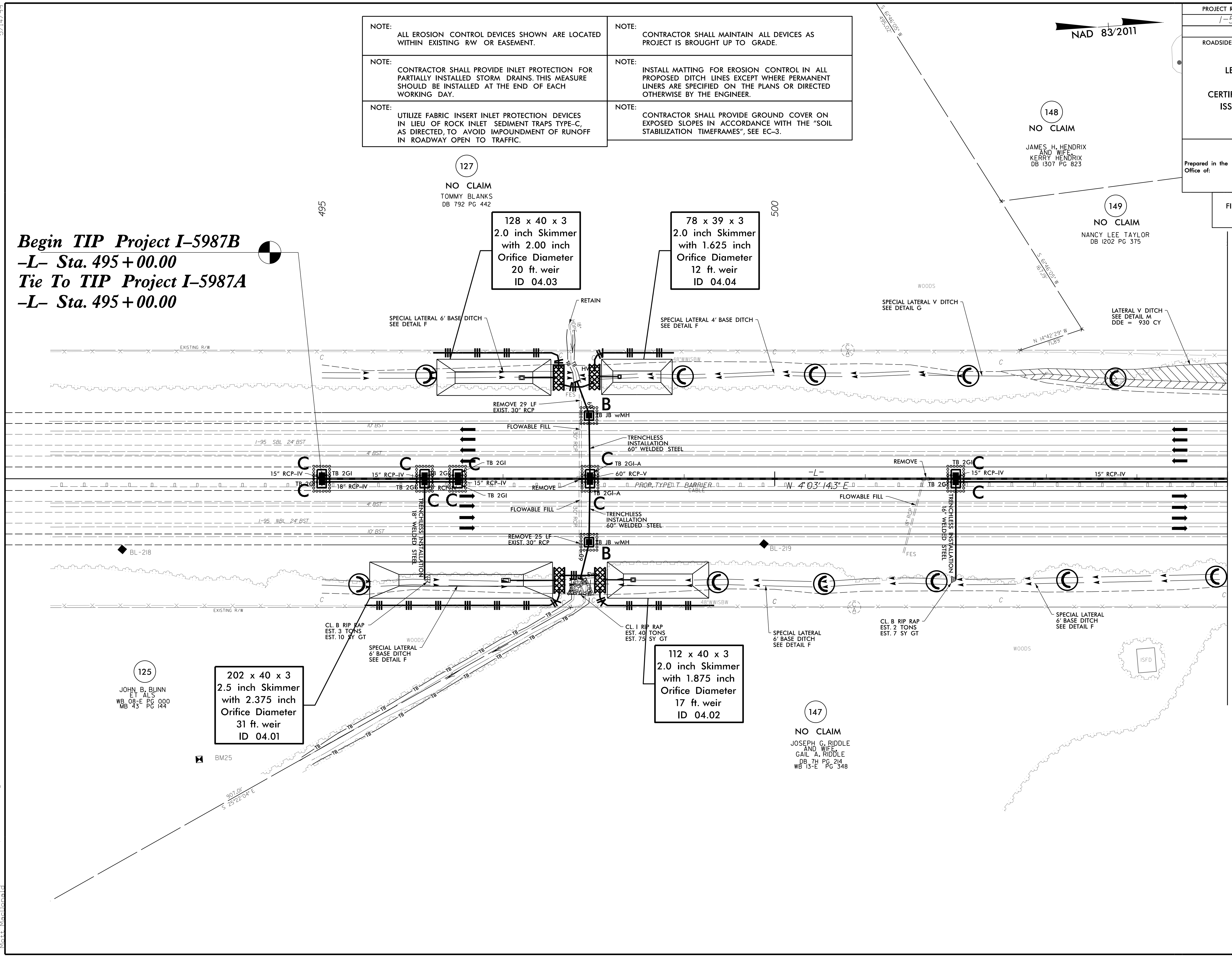
FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 4

NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING R/W OR EASEMENT.	NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.	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: 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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.



Begin TIP Project I-5987B
-L- Sta. 495 + 00.00
Tie To TIP Project I-5987A
-L- Sta. 495 + 00.00

3/14/2022 3:14:59 PM R:\Erosion\I-5987b-EC.psh49_final.dgn Mott MacDonald

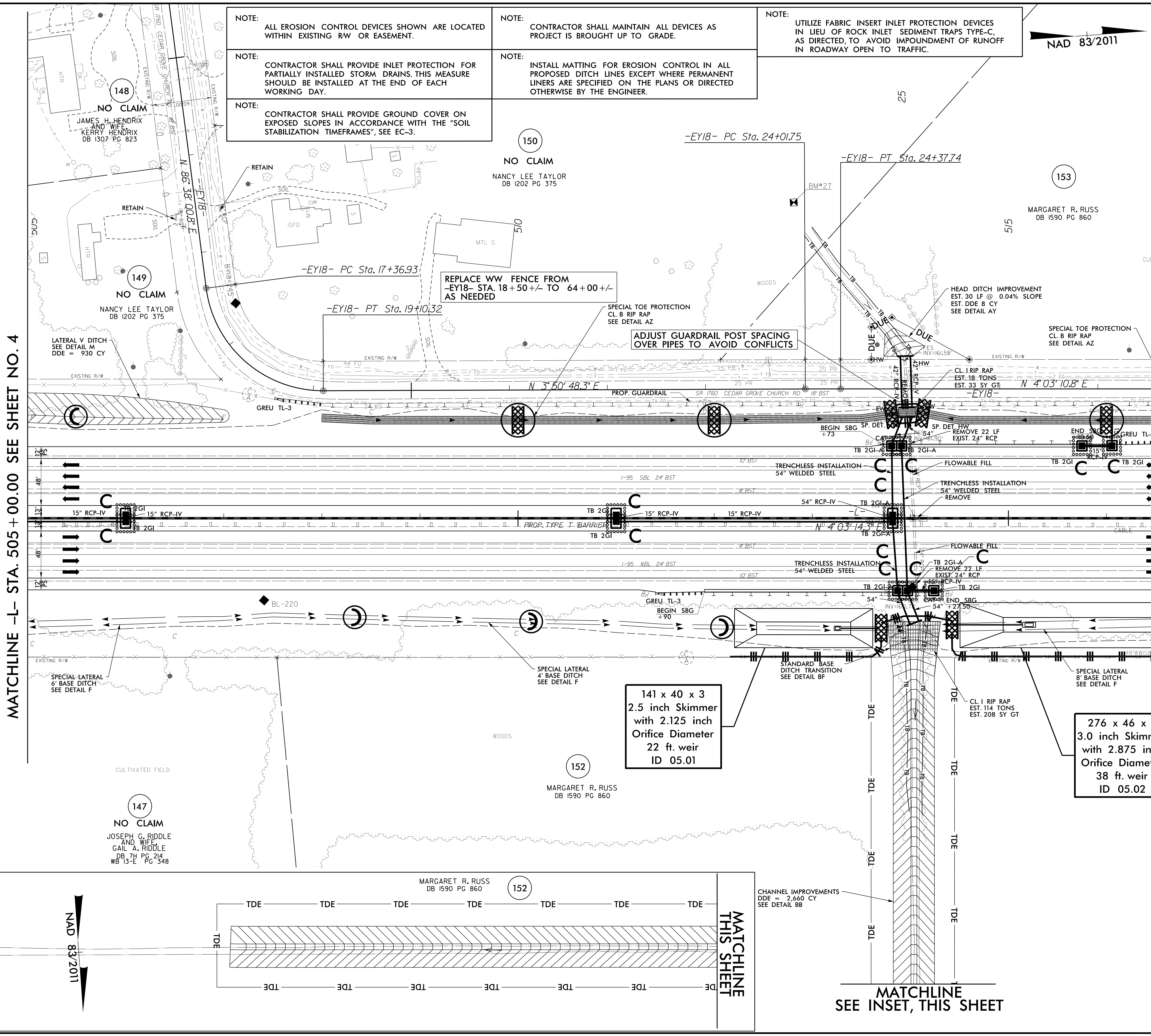


MATCHLINE -L- STA. 505 + 00.00 SEE SHEET NO. 5

5/14/2022 3:14:2022 R:\Erosion\15987b-EC.psh50...final.dgn Mott MacDonald

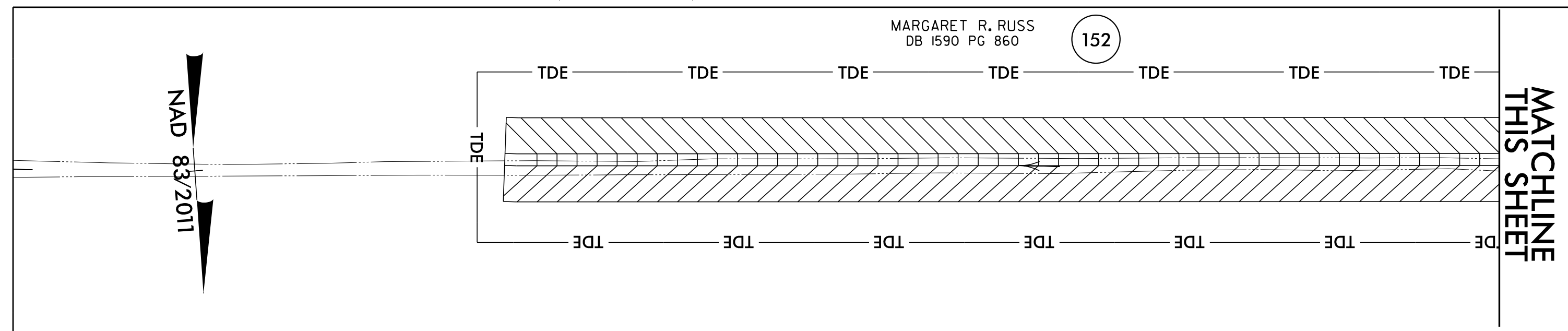
PROJECT REFERENCE NO. 1-5987B	SHEET NO. EC-50/CONST. 5
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: ELENI M. RIGGS, PE CERTIFICATION NUMBER: 3056 ISSUED: MARCH 15, 2022	
Prepared in the Office of:	M MOTT MACDONALD 7621 Purfoy Rd, Suite 115 Fuquay-Varina, NC 27526 www.mottmac.com/americas

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 5



MATCHLINE -L- STA. 505 + 00.00 SEE SHEET NO. 4

MATCHLINE -L- STA. 517 + 00.00 SEE SHEET NO. 6



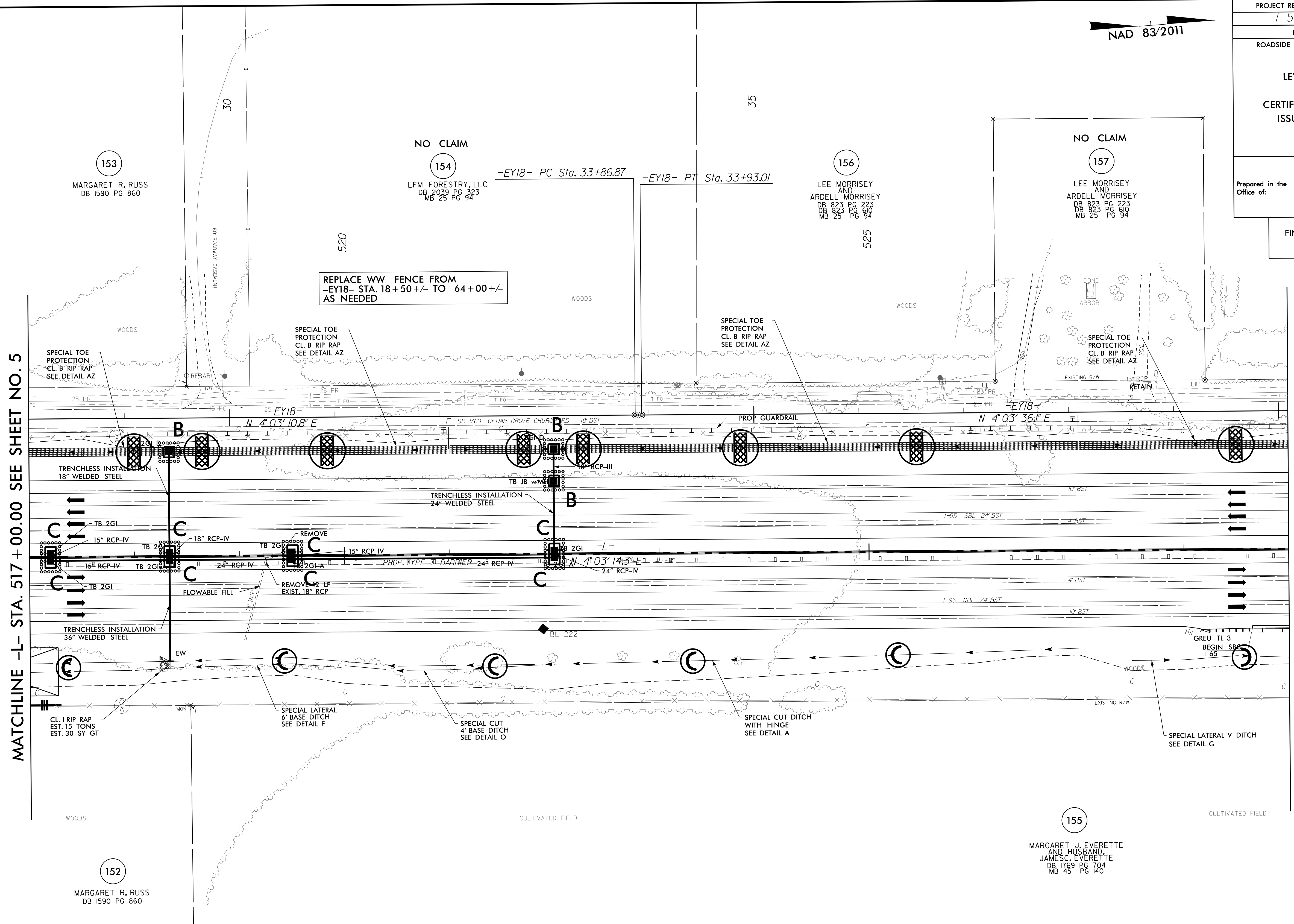
NAD 83/2011

5/14/199

3/14/2022
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MOTT MACDONALD

PROJECT REFERENCE NO. 1-5987B	SHEET NO. EC-51/CONST.6
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: ELENI M. RIGGS, PE CERTIFICATION NUMBER: 3056 ISSUED: MARCH 15, 2022	
Prepared in the Office of:	M MOTT MACDONALD 7421 Purfoy Rd, Suite 115 Fuquay-Varina, NC 27526 www.mottmac.com/americas

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 6

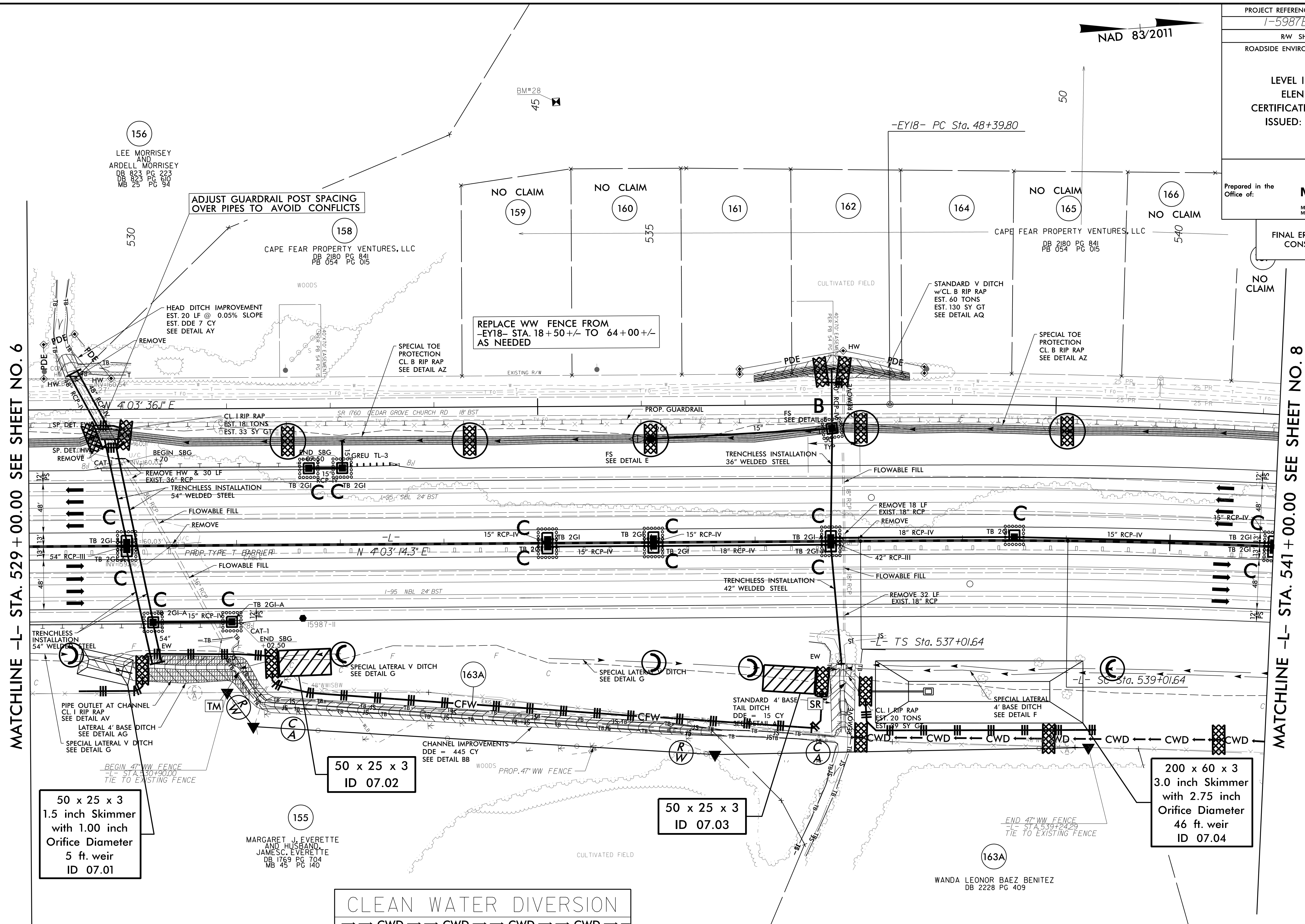


MATCHLINE -L- STA. 517 + 00.00 SEE SHEET NO. 5

MATCHLINE -L- STA. 529 + 00.00 SEE SHEET NO. 7

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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.
NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING R/W OR EASEMENT.	NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.	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.

NAD 83/2011



MATCHLINE -L- STA. 529 + 00.00 SEE SHEET NO. 6

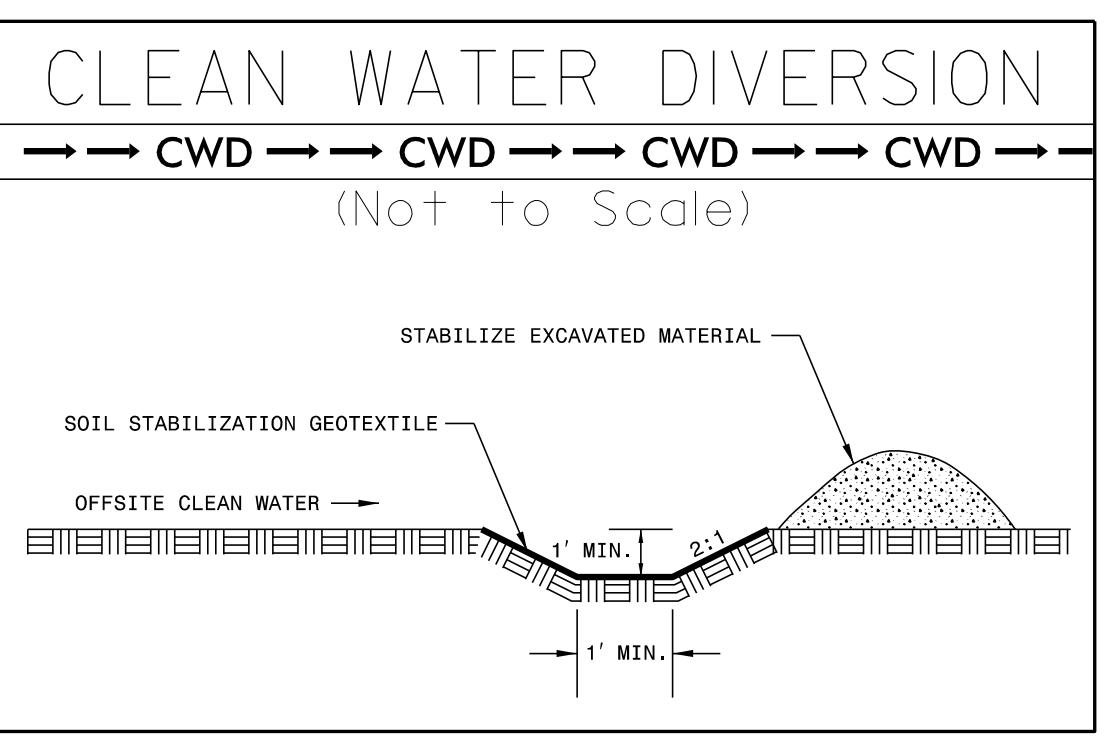
MATCHLINE -L- STA. 541 + 00.00 SEE SHEET NO. 8

50 x 25 x 3
1.5 inch Skimmer
with 1.00 inch
Orifice Diameter
5 ft. weir
ID 07.01

50 x 25 x 3
ID 07.02

50 x 25 x 3
ID 07.03

200 x 60 x 3
3.0 inch Skimmer
with 2.75 inch
Orifice Diameter
46 ft. weir
ID 07.04



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: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING R/W 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: CONTRACTOR SHALL PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.

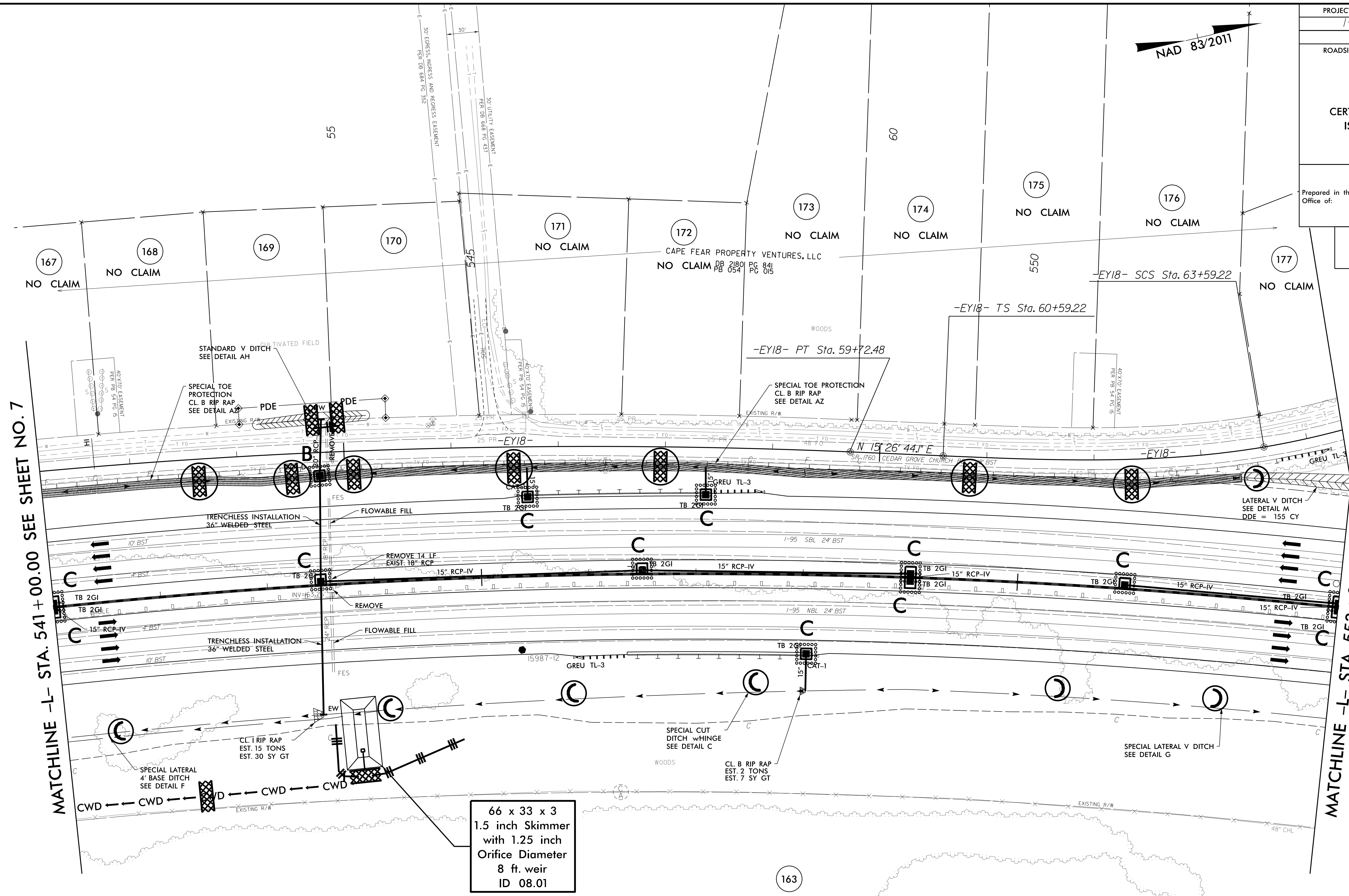
NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.

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.

5/14/99

PROJECT REFERENCE NO. 1-5987B	SHEET NO. EC-53/CONST.8
RW SHEET NO. ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: ELENI M. RIGGS, PE CERTIFICATION NUMBER: 3056 ISSUED: MARCH 15, 2022	
Prepared in the Office of:	M MOTT MACDONALD
7621 Purfoy Rd, Suite 115 Fuquay-Varina, NC 27526 www.mottmac.com/americas	

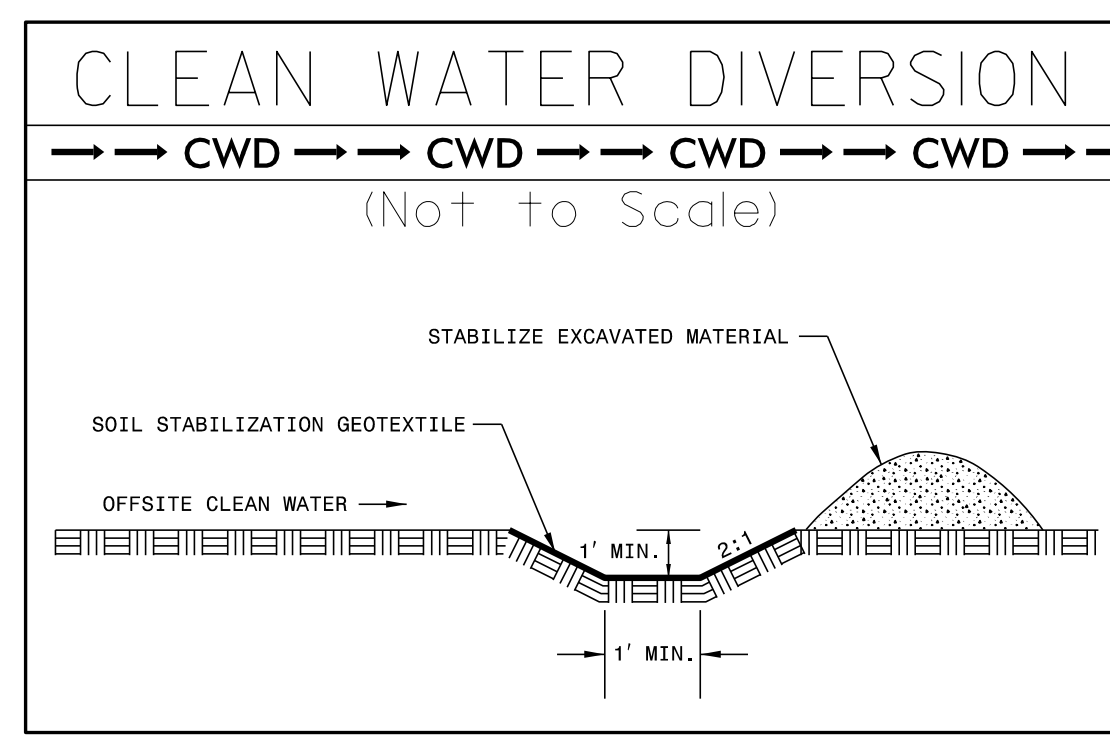
FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 8



MATCHLINE -L- STA. 541 + 00.00 SEE SHEET NO. 7

MATCHLINE -L- STA. 553 + 00.00 SEE SHEET NO. 9

66 x 33 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
8 ft. weir
ID 08.01



- | | |
|--|--|
| 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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3. |
| NOTE:
ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT. | NOTE:
CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE. |
| NOTE:
CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY. | 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. |

R:\Erosion\3/14/2022\1-5987b-EC.psh53_final.dgn

5/14/2022 3:14:2022 \\F5987b-EC.psh54-final.dgn Mott MacDonald

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

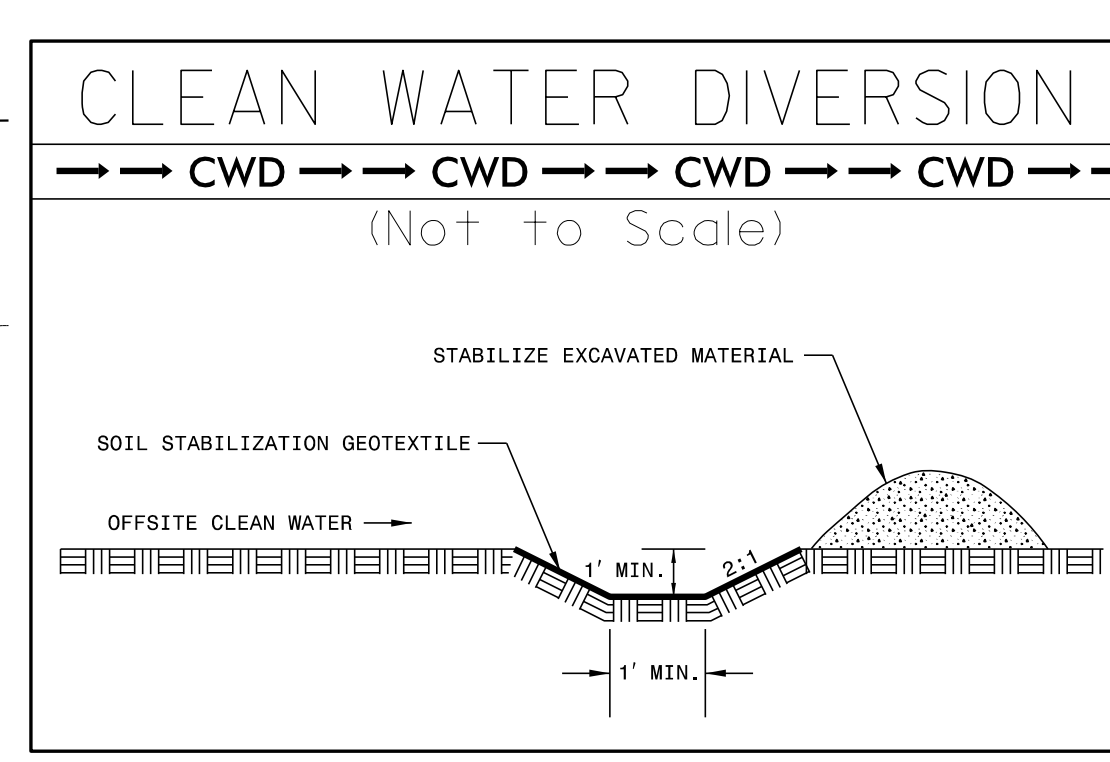
NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.

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

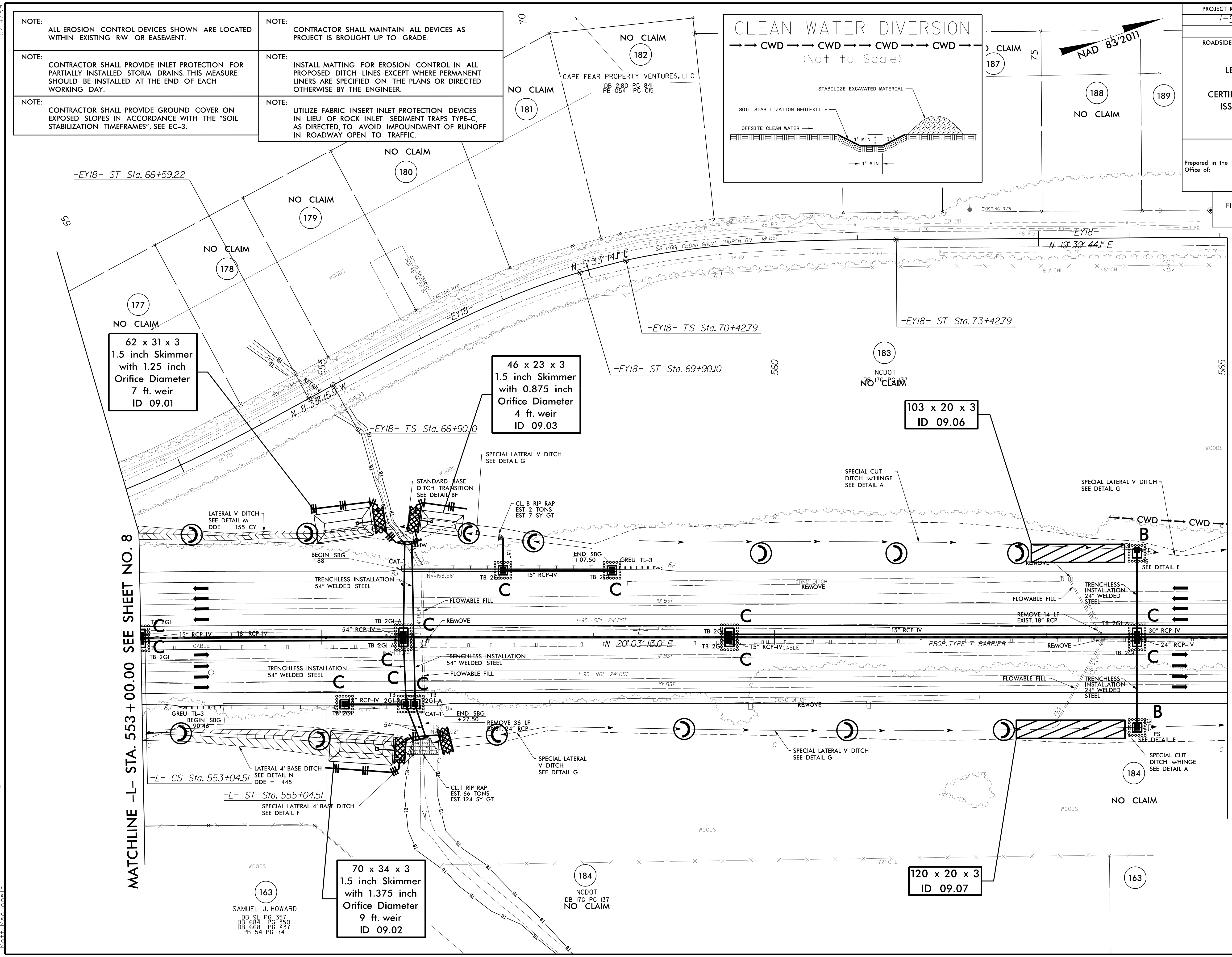
NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.

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: 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.



PROJECT REFERENCE NO. I-5987B	SHEET NO. EC-54/CONST. 9
RW SHEET NO. ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: ELENI M. RIGGS, PE CERTIFICATION NUMBER: 3056 ISSUED: MARCH 15, 2022	
Prepared in the Office of:	M MOTT MACDONALD 7621 Purfoy Rd, Suite 115 Fuquay-Varina, NC 27526 www.mottmac.com/americas



MATCHLINE -L- STA. 553 + 00.00 SEE SHEET NO. 8

MATCHLINE -L- STA. 565 + 00.00 SEE SHEET NO. 10

163
SAMUEL J. HOWARD
DB 91 PG 357
DB 684 PG 360
DB 663 PG 437
PB 54 PG 74

70 x 34 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
9 ft. weir
ID 09.02

184
NCDOT
DB 176 PG 137
NO CLAIM

120 x 20 x 3
ID 09.07

62 x 31 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
7 ft. weir
ID 09.01

46 x 23 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
4 ft. weir
ID 09.03

103 x 20 x 3
ID 09.06

FINAL EROSION CONTROL FOR
CONSTRUCTION SHEET 9

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

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: 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.

PROJECT REFERENCE NO. 1-5987B SHEET NO. EC-55/CONST.10

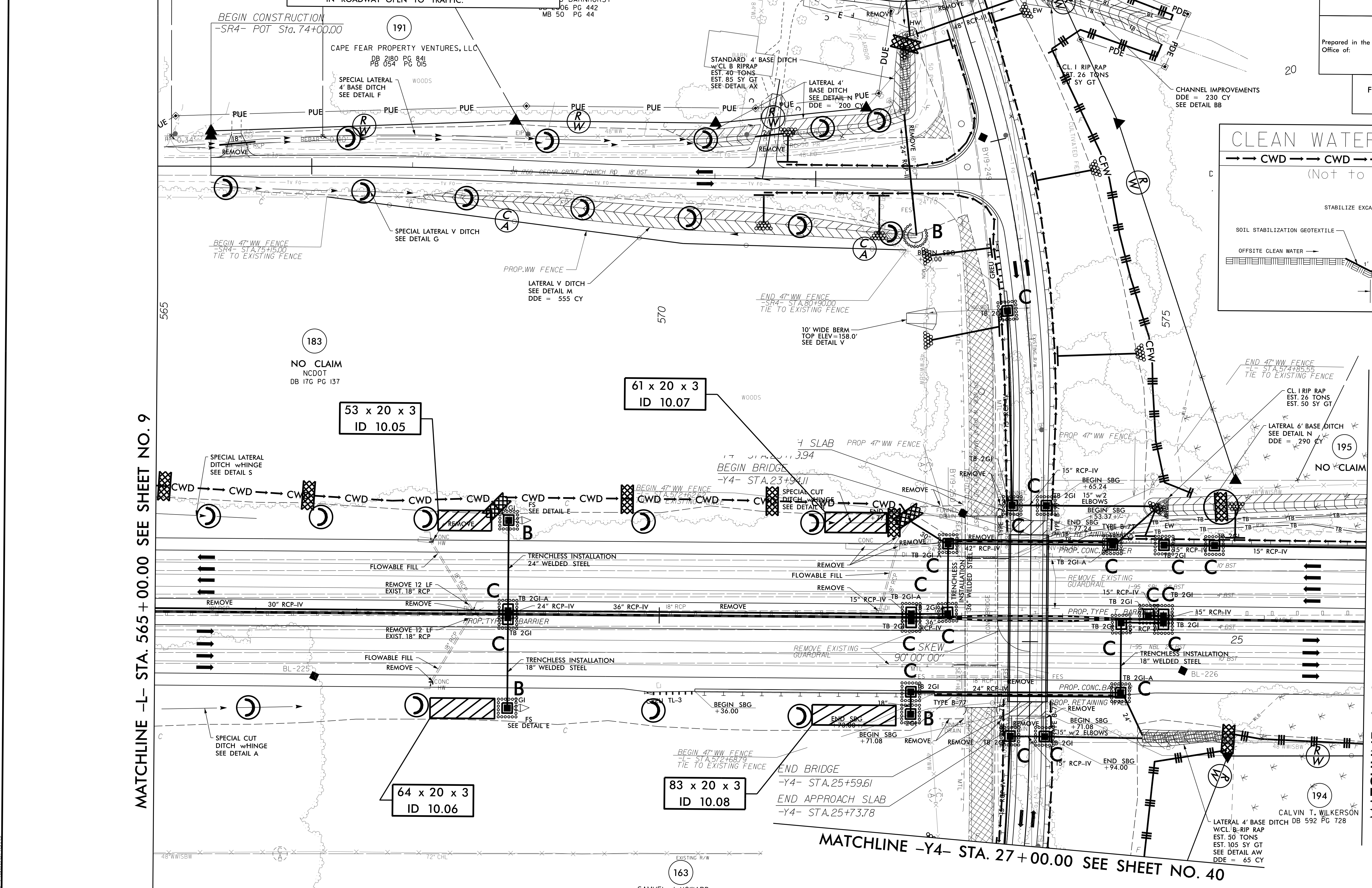
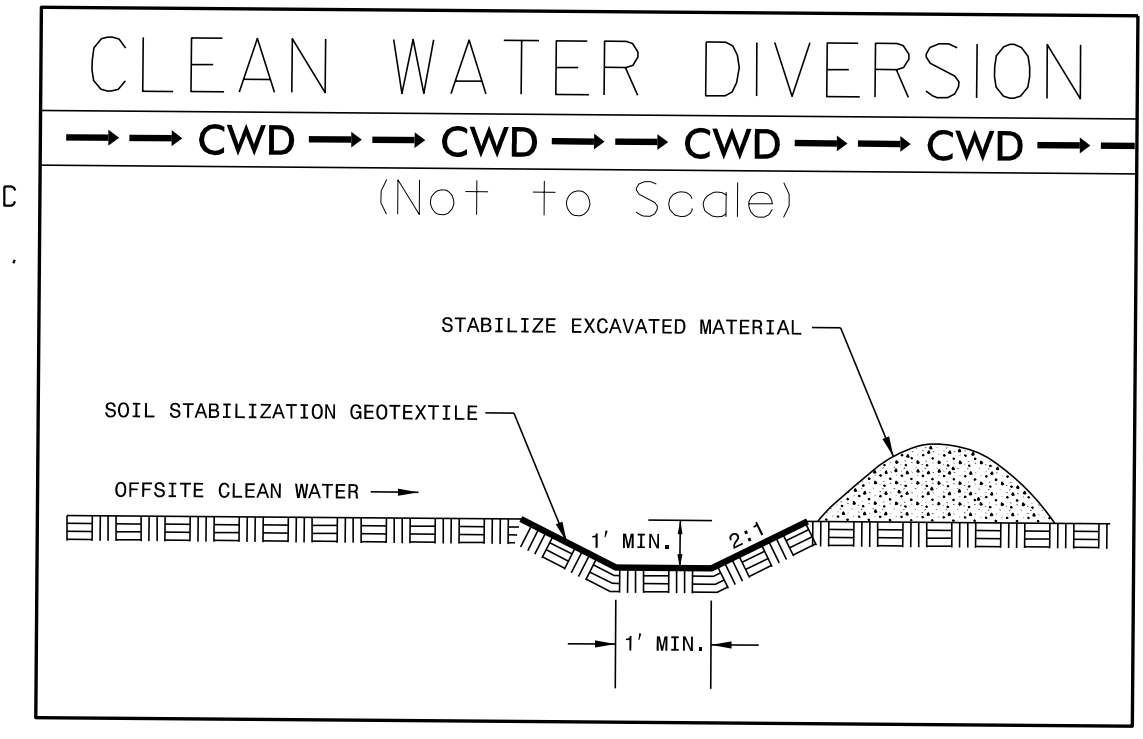
RW SHEET NO.

ROADSIDE ENVIRONMENTAL PROJECT ENGINEER

LEVEL III CERTIFIED BY:
ELENI M. RIGGS, PE
CERTIFICATION NUMBER: 3056
ISSUED: MARCH 15, 2022

Prepared in the Office of:
M MOTT MACDONALD
7621 Purfoy Rd, Suite 115
Fuquay-Varina, NC 27516
www.mottmac.com/americas

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 10



MATCHLINE -L- STA. 565 + 00.00 SEE SHEET NO. 9

MATCHLINE -L- STA. 577 + 00.00 SEE SHEET NO. 11

MATCHLINE -Y4- STA. 27 + 00.00 SEE SHEET NO. 40

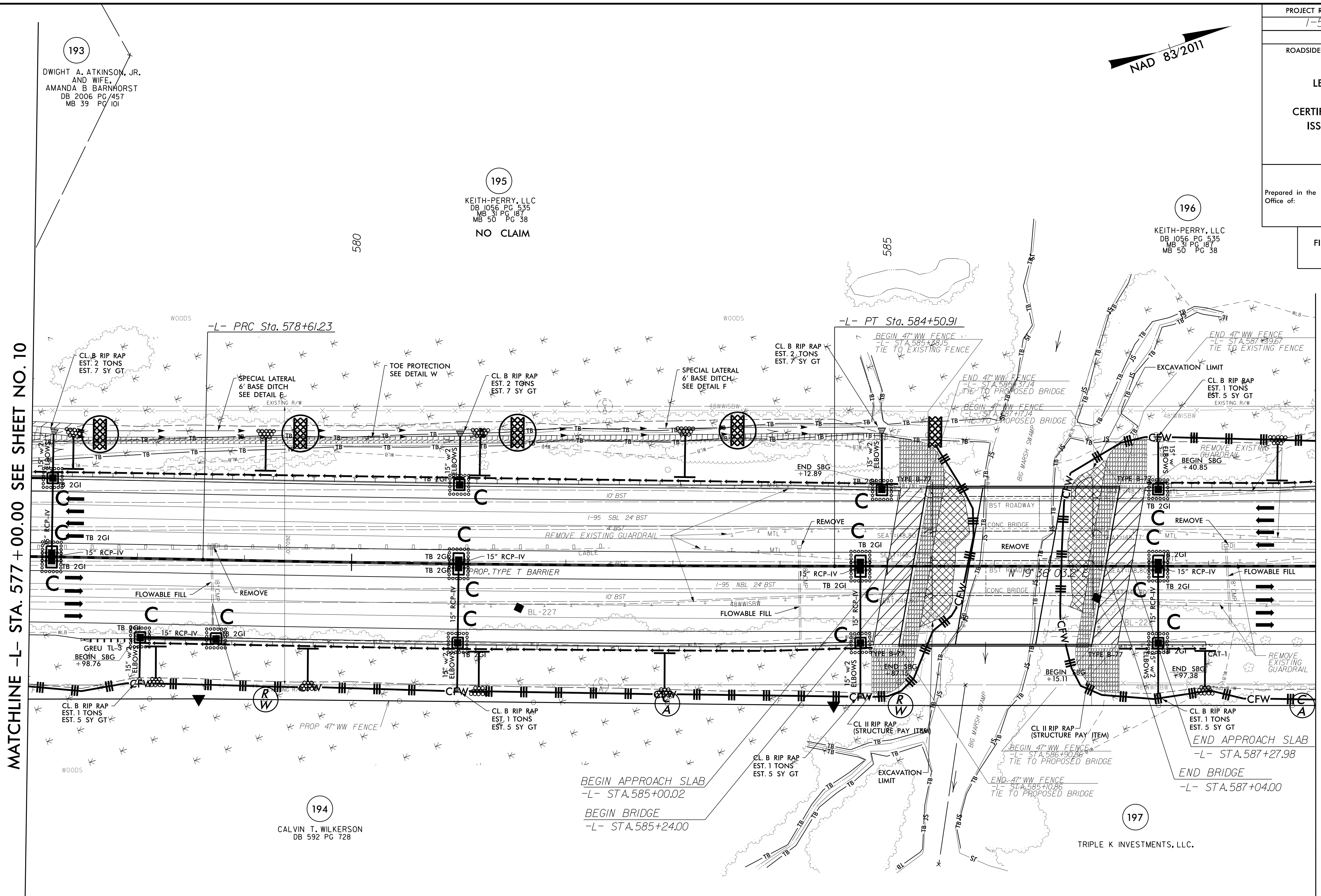
163
SAMUEL J. HOWARD
DB 91 PG 357
DB 684 PG 350
DB 669 PG 437
DB 54 PG 74

5/14/2022 R:\Erosion_Control\15987b_EC_psh55_f.mxd Mott MacDonald

LEVEL III CERTIFIED BY:
 ELENI M. RIGGS, PE
 CERTIFICATION NUMBER: 3056
 ISSUED: MARCH 15, 2022

Prepared in the Office of:
M MOTT MACDONALD
 7621 Purfoy Rd, Suite 115
 Fuquay-Varina, NC 27526
 www.mottmac.com/americas

FINAL EROSION CONTROL FOR
 CONSTRUCTION SHEET 11



MATCHLINE -L- STA. 577 + 00.00 SEE SHEET NO. 10

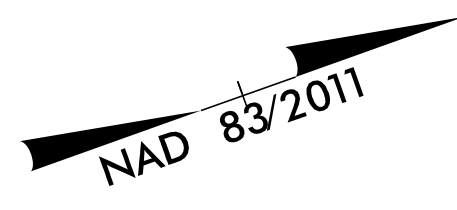
MATCHLINE -L- STA. 589 + 00.00 SEE SHEET NO. 12

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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.	NOTE: UTILIZE SPECIAL STILLING BASINS AS NEEDED.
NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.	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.

5/14/2022 3:14 3/14/2022 R:\Erosion\15987b-EC.psh566.final.dgn Mott MacDonald

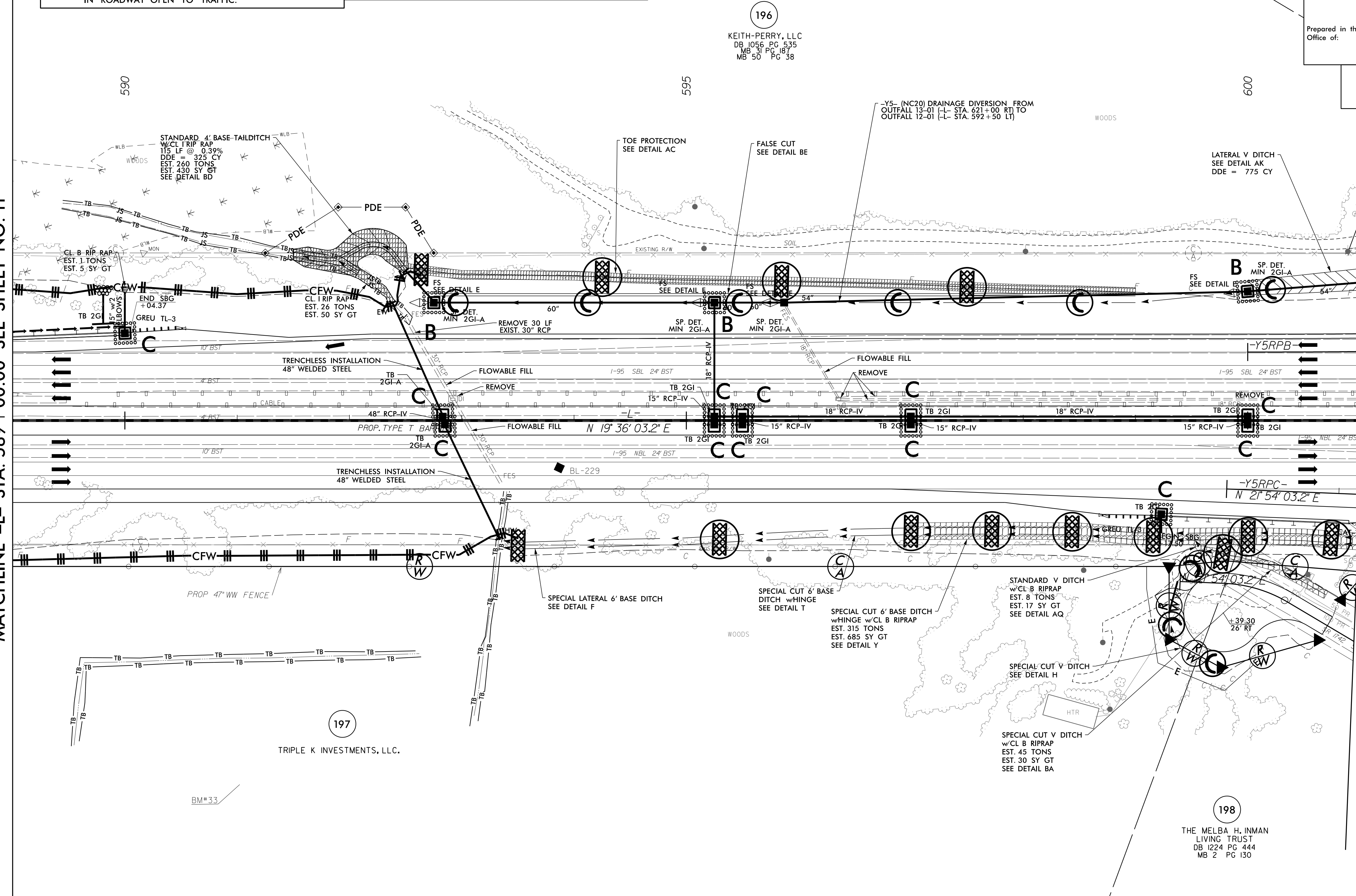
PROJECT REFERENCE NO.	SHEET NO.
1-5987B	EC-57/CONST.12
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: ELENI M. RIGGS, PE CERTIFICATION NUMBER: 3056 ISSUED: MARCH 15, 2022	
Prepared in the Office of:	M MOTT MACDONALD 7621 Purfoy Rd, Suite 115 Fuquay-Varina, NC 27526 www.mottmac.com/americas

NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT.	NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.	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: 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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.



MATCHLINE -L- STA. 589 + 00.00 SEE SHEET NO. 11

MATCHLINE -L- STA. 601 + 00.00 SEE SHEET NO. 13

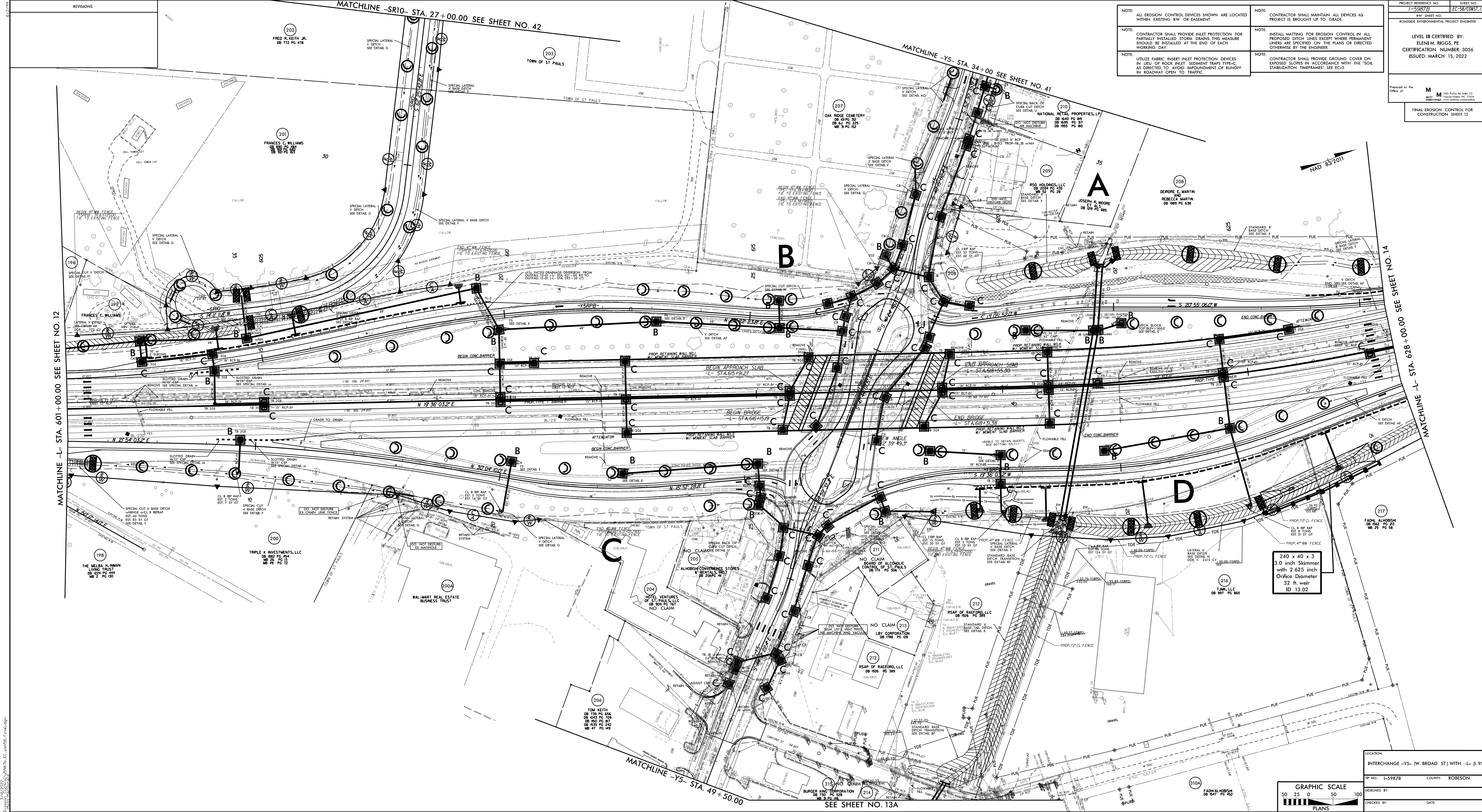


196
KEITH-PERRY, LLC
DB 1056 PG 535
MB 31 PG 187
MB 50 PG 38

197
TRIPLE K INVESTMENTS, LLC.

198
THE MELBA H. INMAN
LIVING TRUST
DB 1224 PG 444
MB 2 PG 130

5/14/2022 3:14:2022 R:\Erosion\15987b-EC.psh57_final.dgn Mott MacDonald

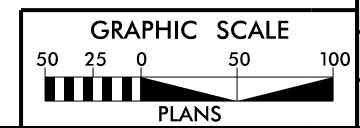


NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING R/W OR EASEMENT.	NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.	NOTE: INSTALL MATTING FOR EROSION CONTROL IN ALL PROPOSED DITCH LINES EXCEPT WHERE PERMANENT LINES ARE SPECIFIED ON THE PLANS OR DIRECTED OTHERWISE BY THE ENGINEER.
NOTE: UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS TYPE C, AS DIRECTED TO AVOID IMPROVEMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.	NOTE: CONTRACTOR SHALL PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE 'SOIL STABILIZATION TIMEFRAMES' SEE EC-3.

PROJECT REFERENCE NO. I-5987B	SHEET NO. E8-38/20MS1/3
R/W SHEET NO.	LEVEL III CERTIFIED BY: ELENIA M. RIGGS, PE CERTIFICATION NUMBER: 3056 ISSUED: MARCH 15, 2022
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	Prepared in the Office of: M M M 201 Policy No. 104, 113 M 201 Policy No. 112 NATIONAL
	FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 13

DATE: 03/15/2022
 BY: J. W. BROWN, E.C.
 CHECKED BY: J. W. BROWN, E.C.

240 x 40 x 3
 3.0 inch Skimmer
 with 2.625 inch
 Orifice Diameter
 32 ft. weir
 ID 13.02



LOCATION: INTERCHANGE -Y5- (W. BROAD ST.) WITH -L- (I-95)
TRIP NO: I-5987B COUNTY: ROBESON
DESIGNED BY:
CHECKED BY: DATE:

SEE SHEET NO. 13A

LEVEL III CERTIFIED BY:
 ELENI M. RIGGS, PE
 CERTIFICATION NUMBER: 3056
 ISSUED: MARCH 15, 2022

Prepared in the Office of:
M MOTT MACDONALD
 7621 Purfoy Rd, Suite 115
 Fuquay-Varina, NC 27526
 www.mottmac.com/nc

FINAL EROSION CONTROL FOR
 CONSTRUCTION SHEET 13A



-Y5-

PI Sta	PI Sta	PI Sta
54+97.52	57+80.72	60+99.99
$\Delta = 12' 53'' 19.4''$ (LT)	$\Delta = 3' 57'' 18.2''$ (LT)	$\Delta = 10' 56'' 06.0''$ (LT)
$D = 3' 03'' 19.2''$	$D = 2' 42'' 12.6''$	$D = 3' 18'' 02.5''$
$L = 421.85'$	$L = 146.29'$	$L = 331.29'$
$T = 211.82'$	$T = 73.18'$	$T = 166.15'$
$R = 1,875.28'$	$R = 2,119.32'$	$R = 1,735.88'$

MATCHLINE -Y5- STA. 49 + 50.00

SEE SHEET NO. 13

3/14/2022 R:\Erosion Control\15987b-EC-psh59.f.mal.dgn Mott MacDonald

5/14/2022

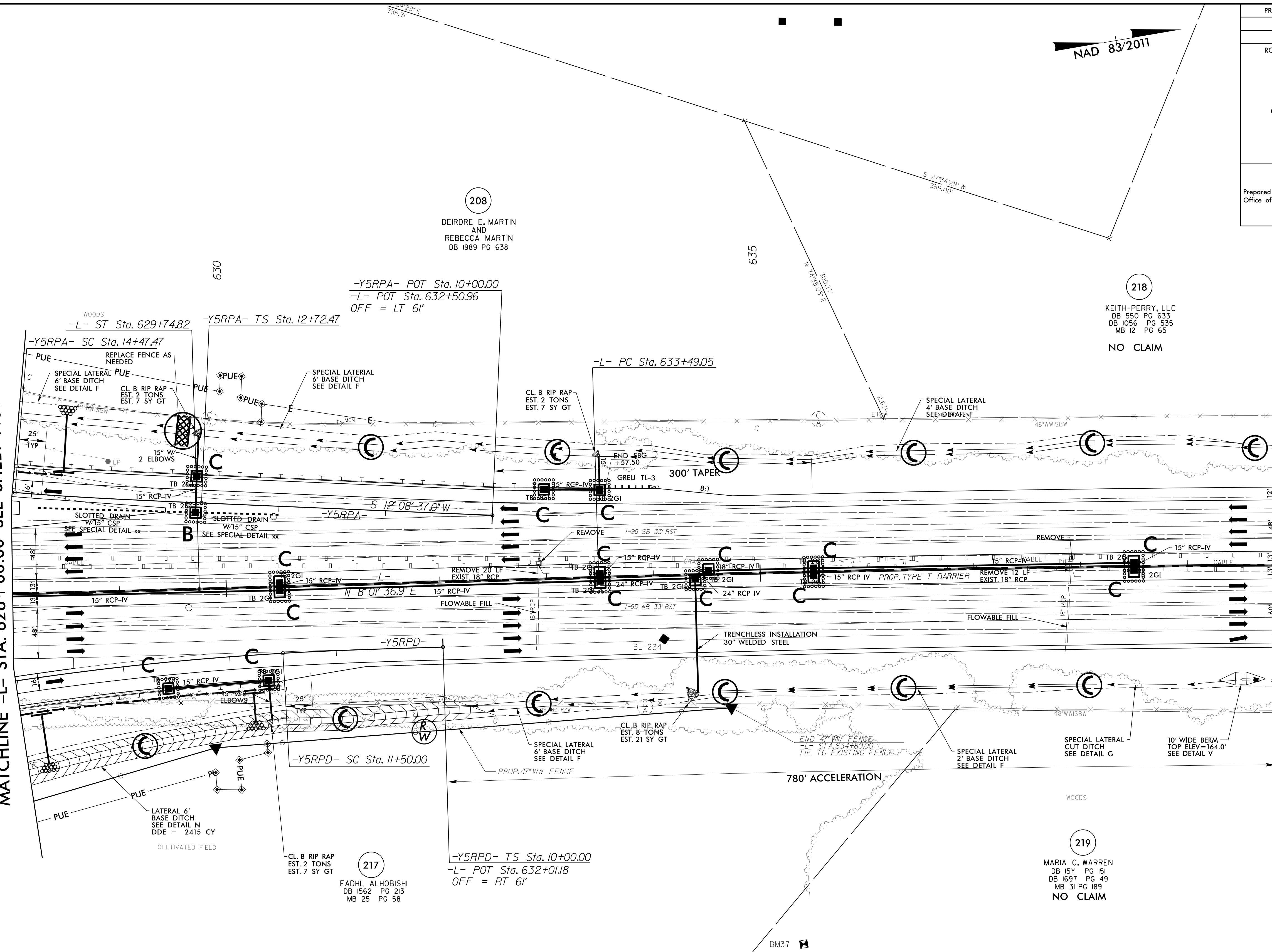
R:\Erosion\3/14/2022\15987b-EC.psh60_.final.dgn
Mott MacDonald

PROJECT REFERENCE NO.	SHEET NO.
1-5987B	EC-60/CONST.14
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: ELENI M. RIGGS, PE CERTIFICATION NUMBER: 3056 ISSUED: MARCH 15, 2022	
Prepared in the Office of:	M MOTT MACDONALD 7621 Purfoy Rd, Suite 115 Fuquay-Varina, NC 27526 www.mottmac.com/america

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 14

MATCHLINE -L- STA. 628 + 00.00 SEE SHEET NO. 13

MATCHLINE -L- STA. 640 + 00.00 SEE SHEET NO. 15



208
DEIRDRE E. MARTIN
AND
REBECCA MARTIN
DB 1989 PG 638

218
KEITH-PERRY, LLC
DB 550 PG 633
DB 1056 PG 535
MB 12 PG 65
NO CLAIM

217
FADHL ALHOBISHI
DB 1562 PG 213
MB 25 PG 58

219
MARIA C. WARREN
DB 159 PG 151
DB 1697 PG 49
MB 31 PG 189
NO CLAIM

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

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

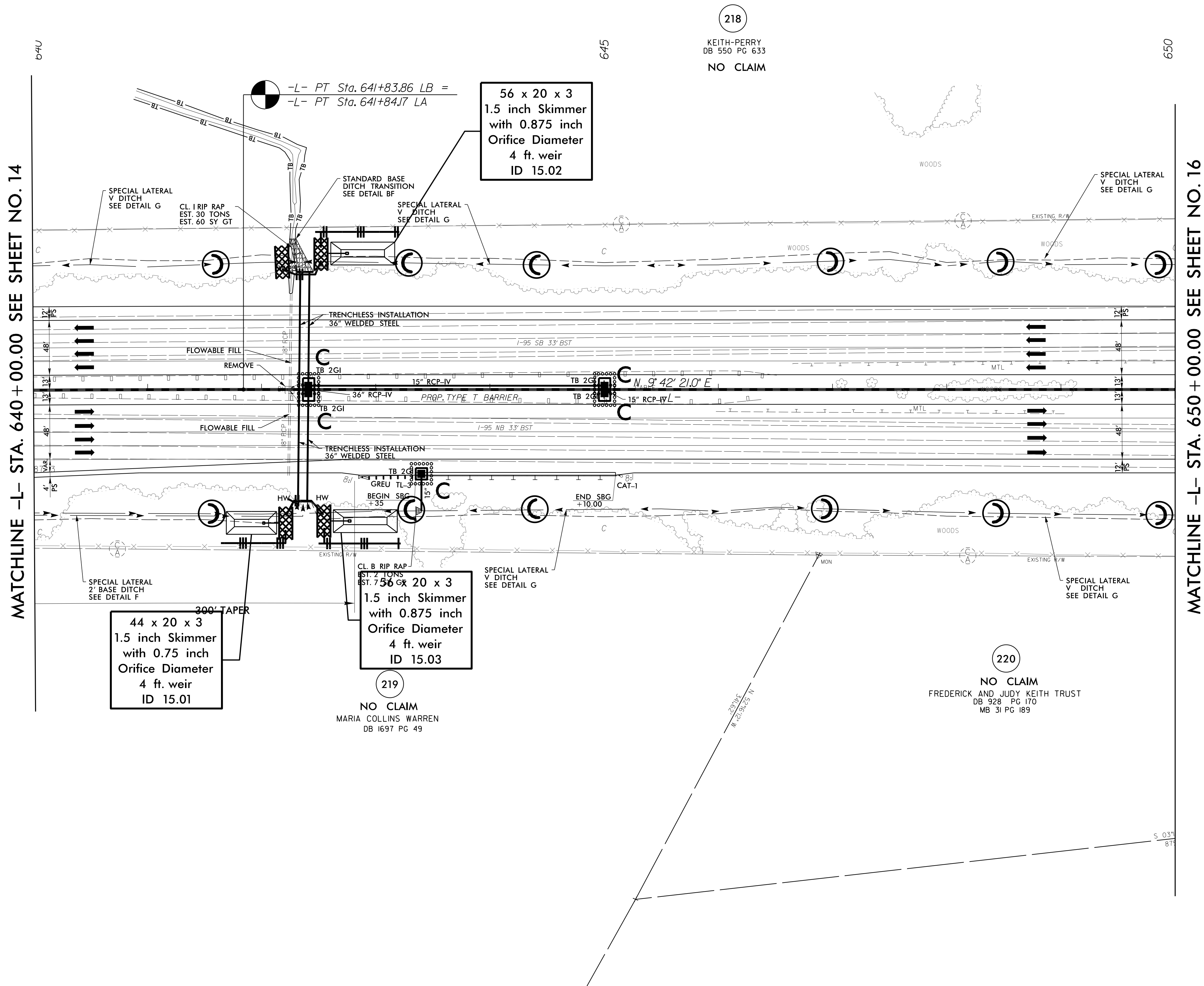
NOTE:
INSTALL MATTING FOR EROSION CONTROL IN ALL PROPOSED DITCH LINES EXCEPT WHERE PERMANENT LINERS ARE SPECIFIED ON THE PLANS OR DIRECTED OTHERWISE BY THE ENGINEER.

5/14/2022
 R:\E:\res\3/14/2022\15987b-EC-psah61.fina1.dgn
 Mott MacDonald

NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT.	NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.	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.	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.

NAD 83/2011

PROJECT REFERENCE NO. 1-5987B	SHEET NO. EC-61/CONST.15
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: ELENI M. RIGGS, PE CERTIFICATION NUMBER: 3056 ISSUED: MARCH 15, 2022	
Prepared in the Office of:	M MOTT MACDONALD <small>7621 Purfoy Rd, Suite 115 Fuquay-Varina, NC 27526 www.mottmac.com/americas</small>
FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 15	



MATCHLINE -L- STA. 640 + 00.00 SEE SHEET NO. 14

MATCHLINE -L- STA. 650 + 00.00 SEE SHEET NO. 16

218
 KEITH-PERRY
 DB 550 PG 633
 NO CLAIM

219
 NO CLAIM
 MARIA COLLINS WARREN
 DB 1697 PG 49

220
 NO CLAIM
 FREDERICK AND JUDY KEITH TRUST
 DB 928 PG 170
 MB 31 PG 189

5/14/2022

E:\gston_Central\15987B-EC_PSH-16-f.inel.dgn
Matt MacDonald

PROJECT REFERENCE NO.	SHEET NO.
1-5987B	EC-62/CONST.16
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	

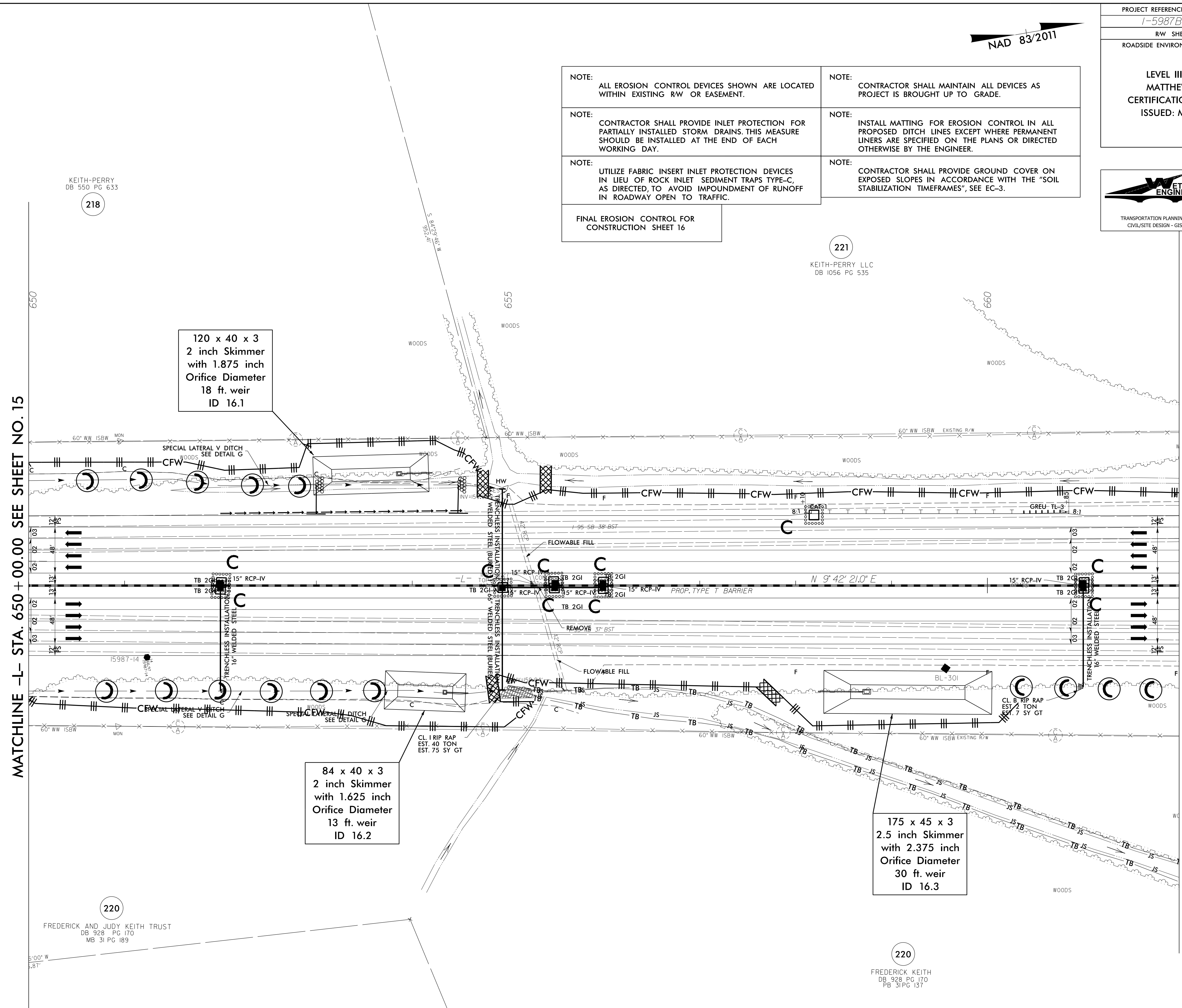
LEVEL III CERTIFIED BY:
MATTHEW HARVEY, PE
 CERTIFICATION NUMBER: 3487
 ISSUED: MARCH 15, 2022

ETHERILL ENGINEERING
 1223 Jones Franklin Rd.
 Raleigh, N.C. 27606
 License No. F-0377
 Bus: 919 851 8077
 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

NAD 83/2011

- | | |
|--|--|
| NOTE:
ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT. | NOTE:
CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE. |
| NOTE:
CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY. | 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:
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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3. |
- FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 16



MATCHLINE -L- STA. 662 + 00.00 SEE SHEET NO. 17

MATCHLINE -L- STA. 650 + 00.00 SEE SHEET NO. 15

5/14/99

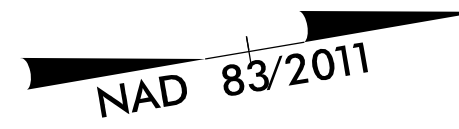
PROJECT REFERENCE NO. 1-5987B SHEET NO. EC-63/CONST.17

R/W SHEET NO. ROADSIDE ENVIRONMENTAL PROJECT ENGINEER

LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE CERTIFICATION NUMBER: 3487 ISSUED: MARCH 15, 2022

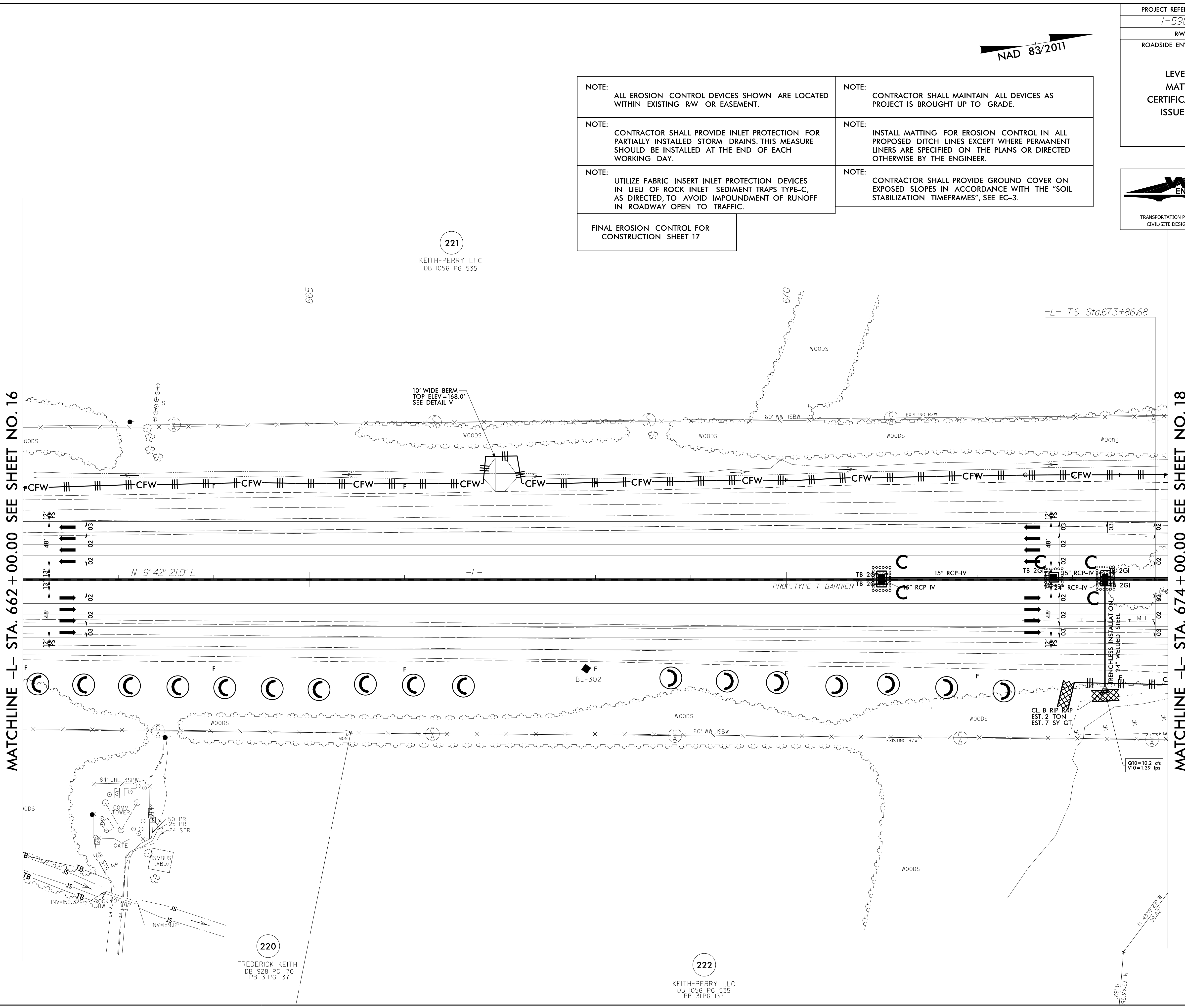


TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION



- NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING R/W OR EASEMENT.
- NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
- NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.
- 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: 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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 17



MATCHLINE -L- STA. 662 + 00.00 SEE SHEET NO. 16

MATCHLINE -L- STA. 674 + 00.00 SEE SHEET NO. 18


221 KEITH-PERRY LLC DB 1056 PG 535

220 FREDERICK KEITH DB 928 PG 170 DB 31 PG 137

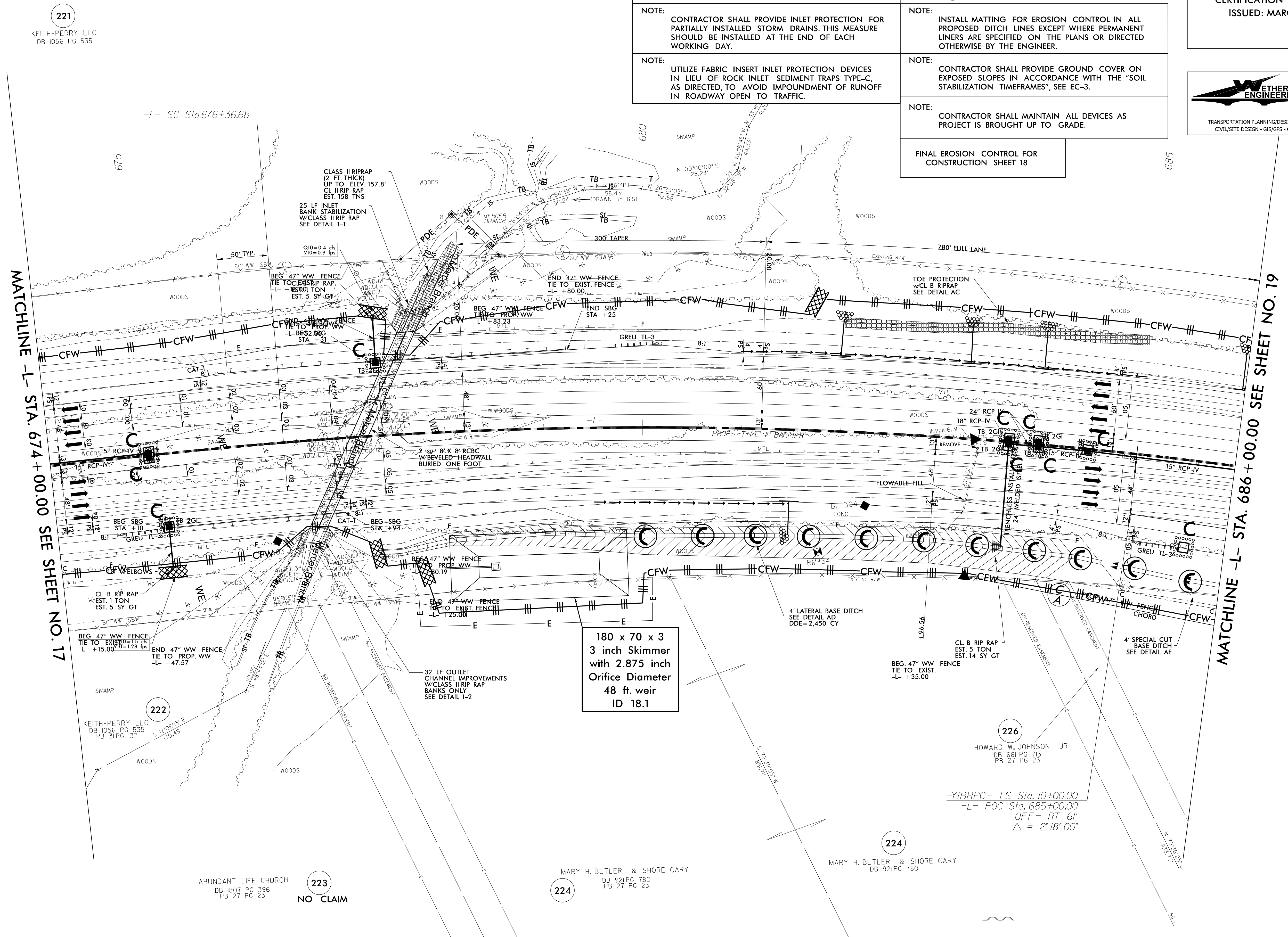
222 KEITH-PERRY LLC DB 1056 PG 535 PB 31 PG 137

3/14/2022 E:\Erosion_Control\15987B-EC.PSH-17-f.inel.dgn Matt MacDonald

-L-
 Pts Sta 675+53.35 PI STA.685+01.00 Pts Sta 694+27.86
 $\Theta_s = 1' 35' 29.6"$ $\Delta = 2' 44' 41.8" (RT)$ $\Theta_s = 1' 35' 29.6"$
 $L_s = 250.00'$ $D = 1' 16' 23.7"$ $L_s = 250.00'$
 $LT = 166.67'$ $L = 1,707.84'$ $LT = 166.67'$
 $ST = 83.34'$ $T = 864.32'$ $ST = 83.34'$
 $R = 4,500.00'$
 $SE = 0.05$
 $RO = 250.00'$

PROJECT REFERENCE NO.	SHEET NO.
1-5987B	EC-64/CONST.18
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE CERTIFICATION NUMBER: 3487 ISSUED: MARCH 15, 2022	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	

- 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: 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.
- NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
- FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 18



221
KEITH-PERRY LLC
DB 1056 PG 535

222
KEITH-PERRY LLC
DB 1056 PG 535
PB 31 PG 137

223
ABUNDANT LIFE CHURCH
DB 1807 PG 396
PB 27 PG 23

223
NO CLAIM

224
MARY H. BUTLER & SHORE CARY
DB 921 PG 780
PB 27 PG 23

224
MARY H. BUTLER & SHORE CARY
DB 921 PG 780

226
HOWARD W. JOHNSON JR
DB 661 PG 713
PB 27 PG 23

-YIBRPC- TS Sta. 10+00.00
 -L- POC Sta. 685+00.00
 OFF = RT 6'
 $\Delta = 2' 18' 00"$

REVISIONS

5/14/99

3/14/2022
E:\gston_Contra\15987B-EC_PSH-18-f.inel.dgn
Matt MacDonald

5/14/2022

3/14/2022 E:\gston_Central\15987B-EC.PSH-19-f.inel.dgn Matt MacDonald

-L-
 Pls Sta 675+53.35 PI STA.685+01.00 Pls Sta 694+27.86
 $\Theta_s = 1^{\circ} 35' 29.6''$ $\Delta = 21^{\circ} 44' 41.8''$ (RT) $\Theta_s = 1^{\circ} 35' 29.6''$
 $L_s = 250.00'$ $D = 1^{\circ} 16' 23.7''$ $L_s = 250.00'$
 $LT = 166.67'$ $L = 1,707.84'$ $LT = 166.67'$
 $ST = 83.34'$ $T = 864.32'$ $ST = 83.34'$
 $R = 4,500.00'$ $R = 4,500.00'$
 $SE = 0.05$
 $RO = 250.00'$

-YIBRPB-
 Pls Sta 16+76.86 PI STA.19+36.27
 $\Theta_s = 2^{\circ} 45' 16.6''$ $\Delta = 12^{\circ} 36' 36.6''$ (LT)
 $L_s = 175.00'$ $D = 3^{\circ} 08' 53.2''$
 $LT = 116.68'$ $L = 400.56'$
 $ST = 58.35'$ $T = 201.09'$
 $R = 1,820.00'$
 $SE = 0.07$



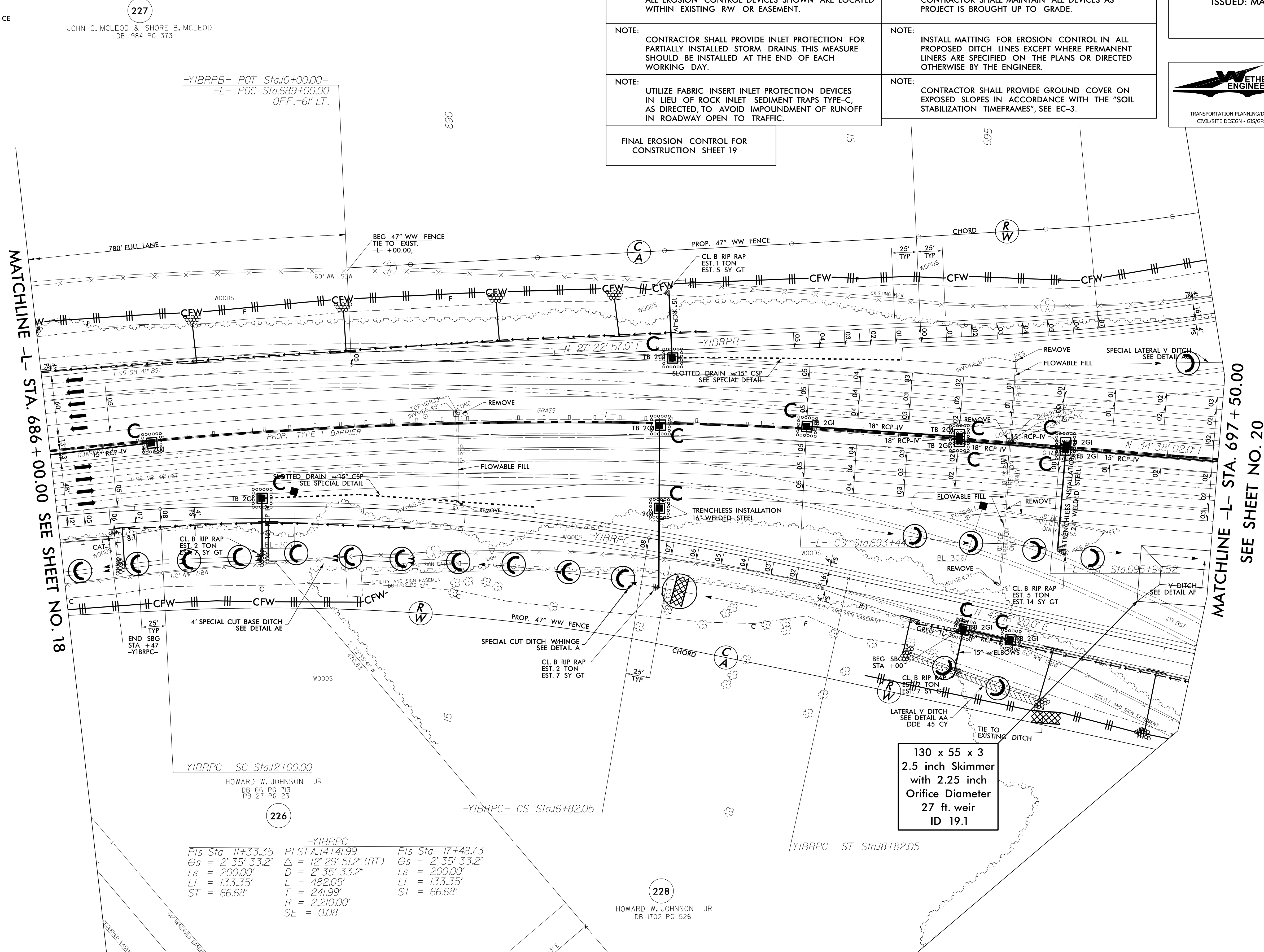
PROJECT REFERENCE NO.	SHEET NO.
1-5987B	EC-65/CONST.19
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE CERTIFICATION NUMBER: 3487 ISSUED: MARCH 15, 2022	

ETHERILL ENGINEERING

1223 Jones Franklin Rd.
 Raleigh, N.C. 27606
 License No. F-0377
 Bus: 919 851 8077
 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

- NOTE:** ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT.
- NOTE:** CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
- NOTE:** CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.
- 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:** 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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.
- FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 19



MATCHLINE -L- STA. 686 + 00.00 SEE SHEET NO. 18

MATCHLINE -L- STA. 697 + 50.00 SEE SHEET NO. 20

130 x 55 x 3
 2.5 inch Skimmer
 with 2.25 inch
 Orifice Diameter
 27 ft. weir
 ID 19.1

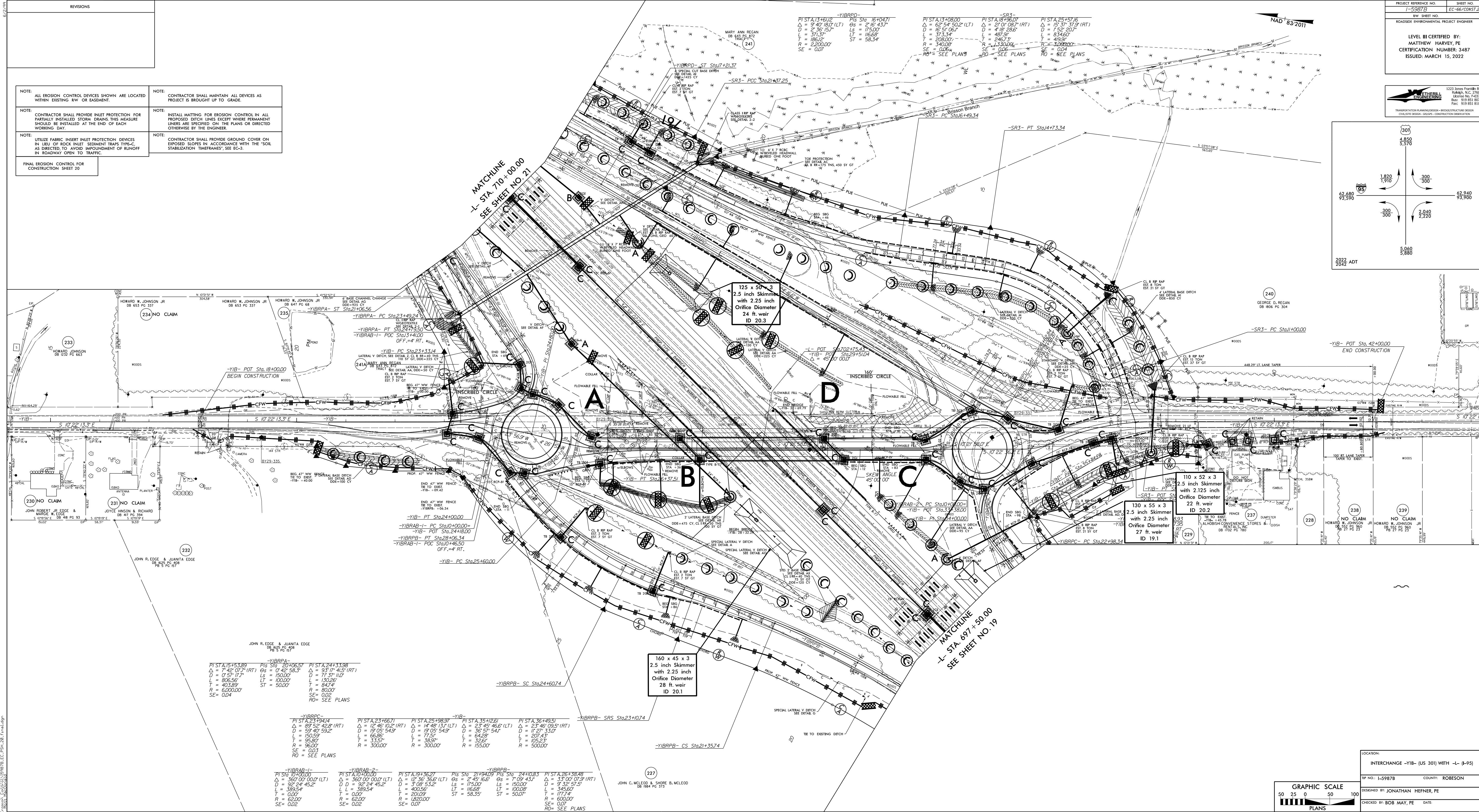
-YIBRPC- SC Sta.12+00.00
 HOWARD W. JOHNSON JR
 DB 66 PG 713
 PB 27 PG 23

-YIBRPC-
 Pls Sta 11+33.35 PI STA.14+41.99 Pls Sta 17+48.73
 $\Theta_s = 2^{\circ} 35' 33.2''$ $\Delta = 12^{\circ} 29' 51.2''$ (RT) $\Theta_s = 2^{\circ} 35' 33.2''$
 $L_s = 200.00'$ $D = 2^{\circ} 35' 33.2''$ $L_s = 200.00'$
 $LT = 133.35'$ $L = 482.05'$ $LT = 133.35'$
 $ST = 66.68'$ $T = 241.99'$ $ST = 66.68'$
 $R = 2,210.00'$
 $SE = 0.08$

228
 HOWARD W. JOHNSON JR
 DB 1702 PG 526

REVISIONS

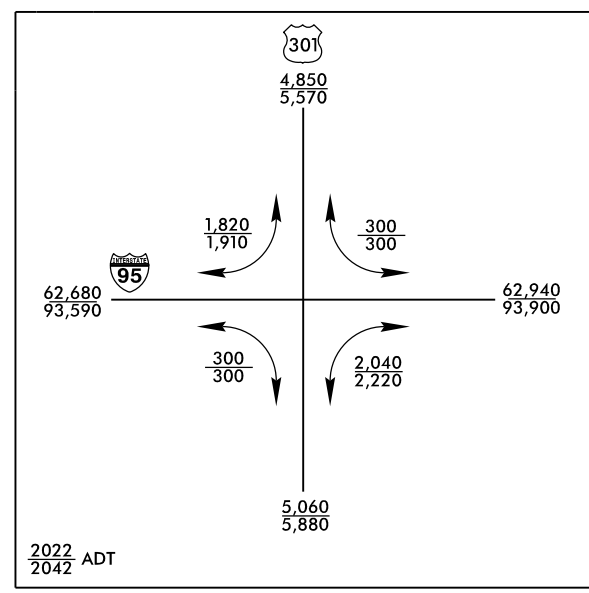
NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT.	NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.	NOTE: INSTALL MATING FOR EROSION CONTROL IN ALL PROPOSED DITCH LINES EXCEPT WHERE PERMANENT LINERS ARE SPECIFIED ON THE PLANS OR DIRECTED OTHERWISE BY THE ENGINEER.
NOTE: UTILIZE FABRIC INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS TYPE-C, AS DIRECTED TO AVOID IMPONDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.	NOTE: CONTRACTOR SHALL PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE 'SOIL STABILIZATION TIMPERAMES'; SEE EC-3.
FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 20	



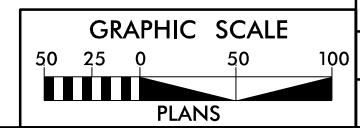
DATE: 3/16/2022
 DRAWN BY: J. HARRIS, E.C. P. HARRIS, E.C.
 CHECKED BY: J. HARRIS, E.C. P. HARRIS, E.C.

PROJECT REFERENCE NO.: EC-66/CONV-20
 SHEET NO.: 7-5987B
 ROADSIDE ENVIRONMENTAL PROJECT ENGINEER
 LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE
 CERTIFICATION NUMBER: 3487
 ISSUED: MARCH 15, 2022

1223 JAMES FARMER BLVD
 RALEIGH, NC 27606
 PHONE: 919.851.4321
 FAX: 919.851.8077
 TRANSPORTATION PLANNING/DESIGN + INFRASTRUCTURE DESIGN
 CONSULTING ENGINEERS + ARCHITECTS



LOCATION: INTERCHANGE -YIB- (US 301) WITH -L- (I-95)
 TYP NO.: I-5987B COUNTY: ROBESON
 DESIGNED BY: JONATHAN HEFFNER, PE
 CHECKED BY: BOB MAY, PE DATE:



5/14/99

REVISIONS

3/14/2022
Erosion_Control_15987B-EC_PSH-21.fine.dgn
Matt MacDonald

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 21

PROJECT REFERENCE NO. 1-5987B
SHEET NO. EC-67/CONST.21
RW SHEET NO.
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER

LEVEL III CERTIFIED BY:
MATTHEW HARVEY, PE
CERTIFICATION NUMBER: 3487
ISSUED: MARCH 15, 2022

1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

ETHERILL ENGINEERING

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

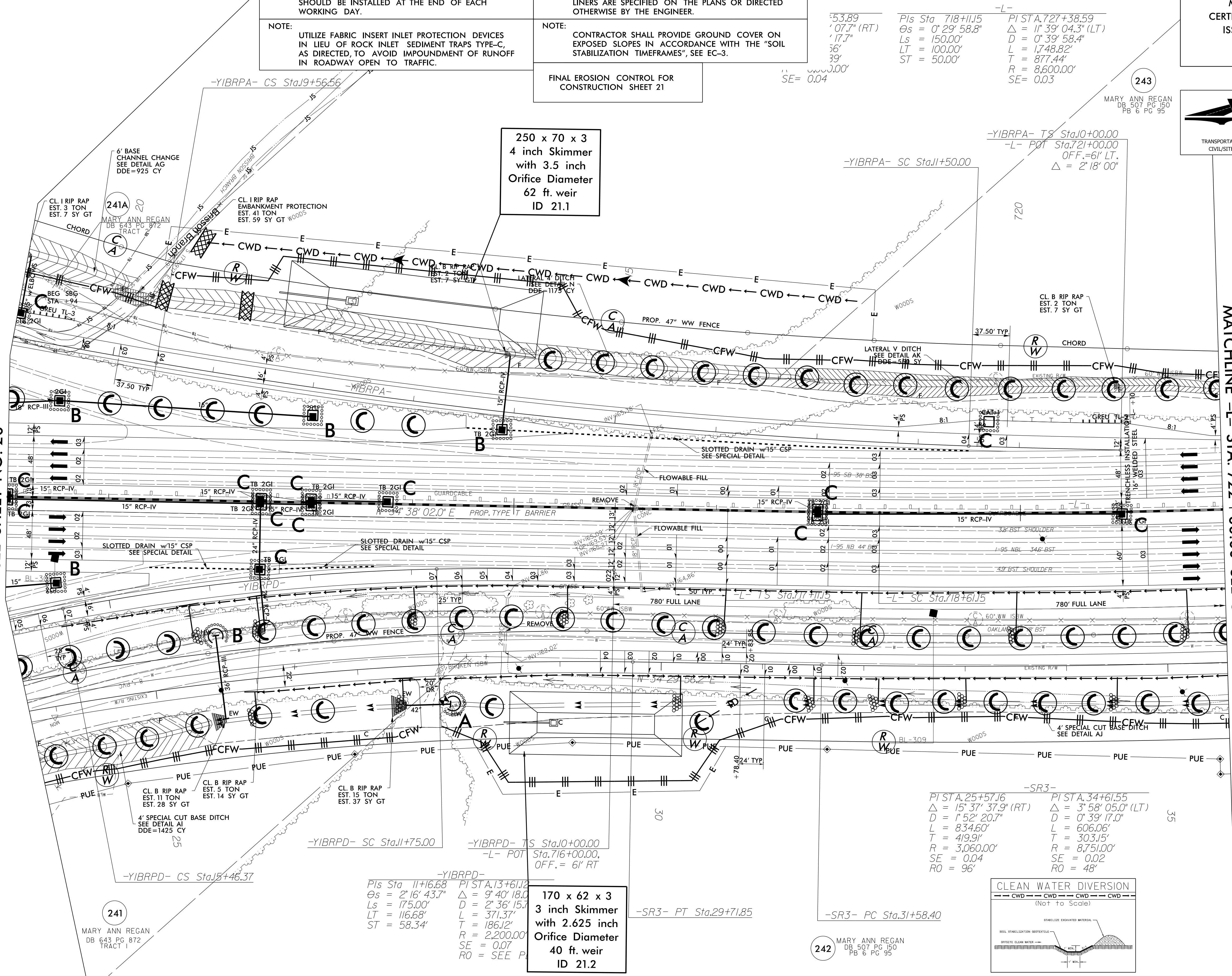


PI STA 718+11.5
 $\Delta = 107.7^\circ$ (RT)
 $L_s = 150.00'$
 $L_t = 100.00'$
 $ST = 50.00'$
 $SE = 0.04$

PI STA 727+38.59
 $\Delta = 11^\circ 39' 04.3"$ (LT)
 $D = 0^\circ 39' 58.4"$
 $L = 1,748.82'$
 $T = 877.44'$
 $R = 8,600.00'$
 $SE = 0.03$

MATCHLINE -L- STA. 710+00.00
SEE SHEET NO. 20

MATCHLINE -L- STA. 722+00.00 SEE SHEET NO. 22

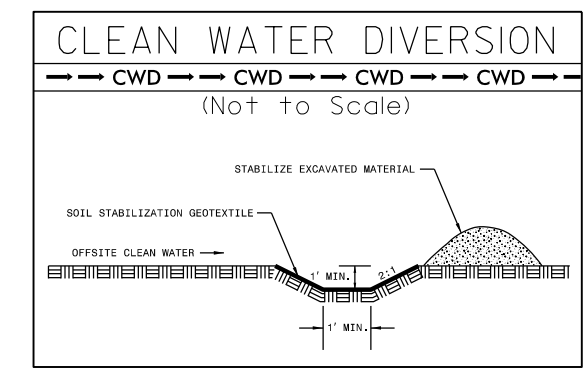


250 x 70 x 3
4 inch Skimmer
with 3.5 inch
Orifice Diameter
62 ft. weir
ID 21.1

170 x 62 x 3
3 inch Skimmer
with 2.625 inch
Orifice Diameter
40 ft. weir
ID 21.2

-SR3-
PI STA. 25+57.16
 $\Delta = 15^\circ 37' 37.9"$ (RT)
 $D = 1^\circ 52' 20.7"$
 $L = 834.60'$
 $T = 419.91'$
 $R = 3,060.00'$
 $SE = 0.04$
 $RO = 96'$

PI STA. 34+61.55
 $\Delta = 3^\circ 58' 05.0"$ (LT)
 $D = 0^\circ 39' 17.0"$
 $L = 606.06'$
 $T = 303.15'$
 $R = 8,751.00'$
 $SE = 0.02$
 $RO = 48'$



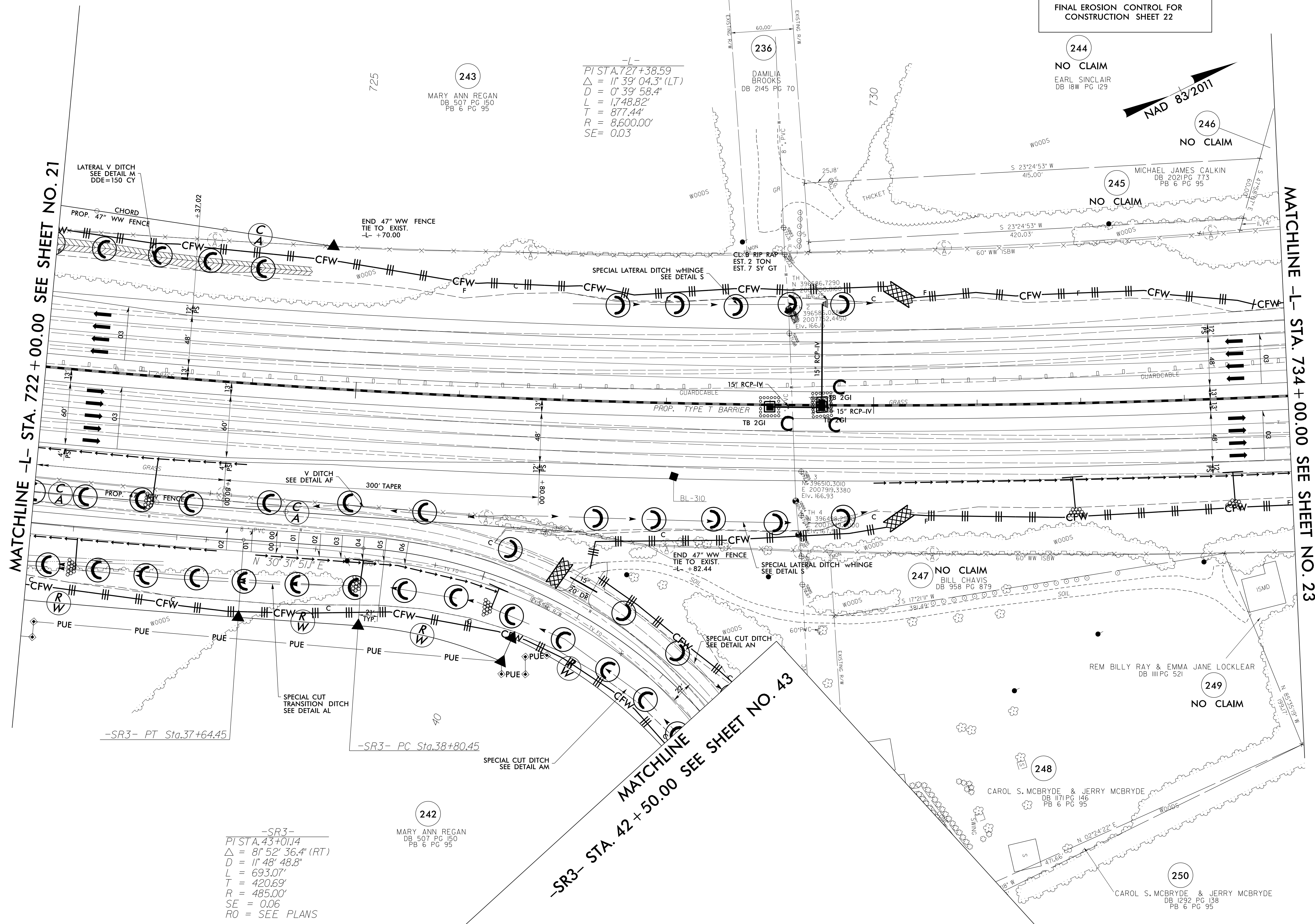
241
MARY ANN REGAN
DB 643 PG 872
TRACT 1

242
MARY ANN REGAN
DB 507 PG 150
PB 6 PG 95

5/14/99

REVISIONS

3/14/2022
Ergston_Contr-01_15987B_EC_PSH_22_1.mxd
Matt MacDonald



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 22

PROJECT REFERENCE NO.	SHEET NO.
1-5987B	EC-68/CONST.22
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE CERTIFICATION NUMBER: 3487 ISSUED: MARCH 15, 2022	

ETHERILL ENGINEERING

1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

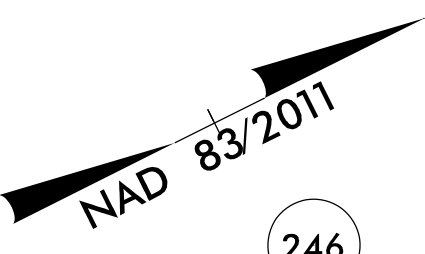
PI STA. 727+38.59
Δ = 11° 39' 04.3" (LT)
D = 0' 39' 58.4"
L = 1,748.82'
T = 877.44'
R = 8,600.00'
SE = 0.03

-SR3-
PI STA. 43+01.14
Δ = 81° 52' 36.4" (RT)
D = 11' 48' 48.8"
L = 693.07'
T = 420.69'
R = 485.00'
SE = 0.06
RO = SEE PLANS

MATCHLINE -L- STA. 42+50.00 SEE SHEET NO. 43

MATCHLINE -L- STA. 722+00.00 SEE SHEET NO. 21

MATCHLINE -L- STA. 734+00.00 SEE SHEET NO. 23



5/14/2022

3/14/2022
E:\Erosion_Control\15987B_EC_PSH_23.dgn
Matt MacDonald

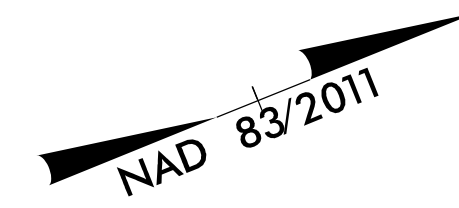
MATCHLINE -L- STA. 734 + 00.00 SEE SHEET NO. 22

MATCHLINE -L- STA. 746 + 00.00 SEE SHEET NO. 24

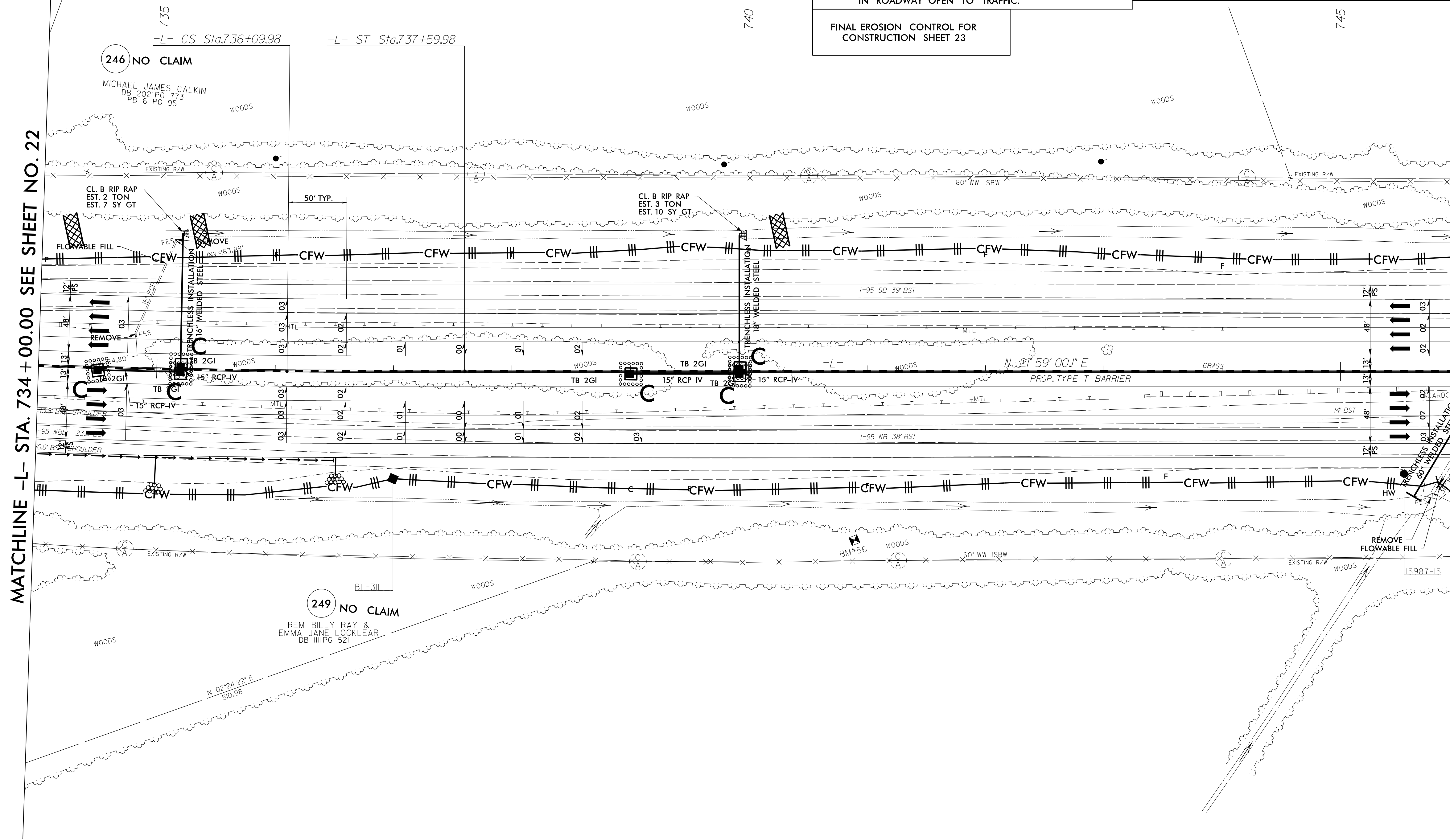
-L-
 PTA 727+38.59 PIs Sta 736+59.98
 $\Delta = 1^{\circ} 39' 04.3" (LT)$ $\Theta_s = 0^{\circ} 29' 58.8"$
 $D = 0^{\circ} 39' 58.4"$ $L_s = 150.00'$
 $L = 1748.82'$ $LT = 100.00'$
 $T = 877.44'$ $ST = 50.00'$
 $R = 8,600.00'$
 $SE = 0.03$

246 NO CLAIM
 MICHAEL JAMES CALKIN
 DB 2021 PG 773
 PB 6 PG 95

249 NO CLAIM
 REM BILLY RAY &
 EMMA JANE LOCKLEAR
 DB 1111 PG 521



- NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT.
- NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
- NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.
- 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: 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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.
- FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 23



251

FAYE E. MCRAINEY REAVES
 DB 519 PG 355
 PB 26 PG 23

PROJECT REFERENCE NO.	SHEET NO.
1-5987B	EC-69/CONST.23
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE CERTIFICATION NUMBER: 3487 ISSUED: MARCH 15, 2022	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	

5/14/99

FAYE E. MCRAINEY REAVES
DB 519 PG 355
PB 26 PG 23

252



PROJECT REFERENCE NO.	SHEET NO.
1-5987B	EC-70/CONST.24
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE CERTIFICATION NUMBER: 3487 ISSUED: MARCH 15, 2022	

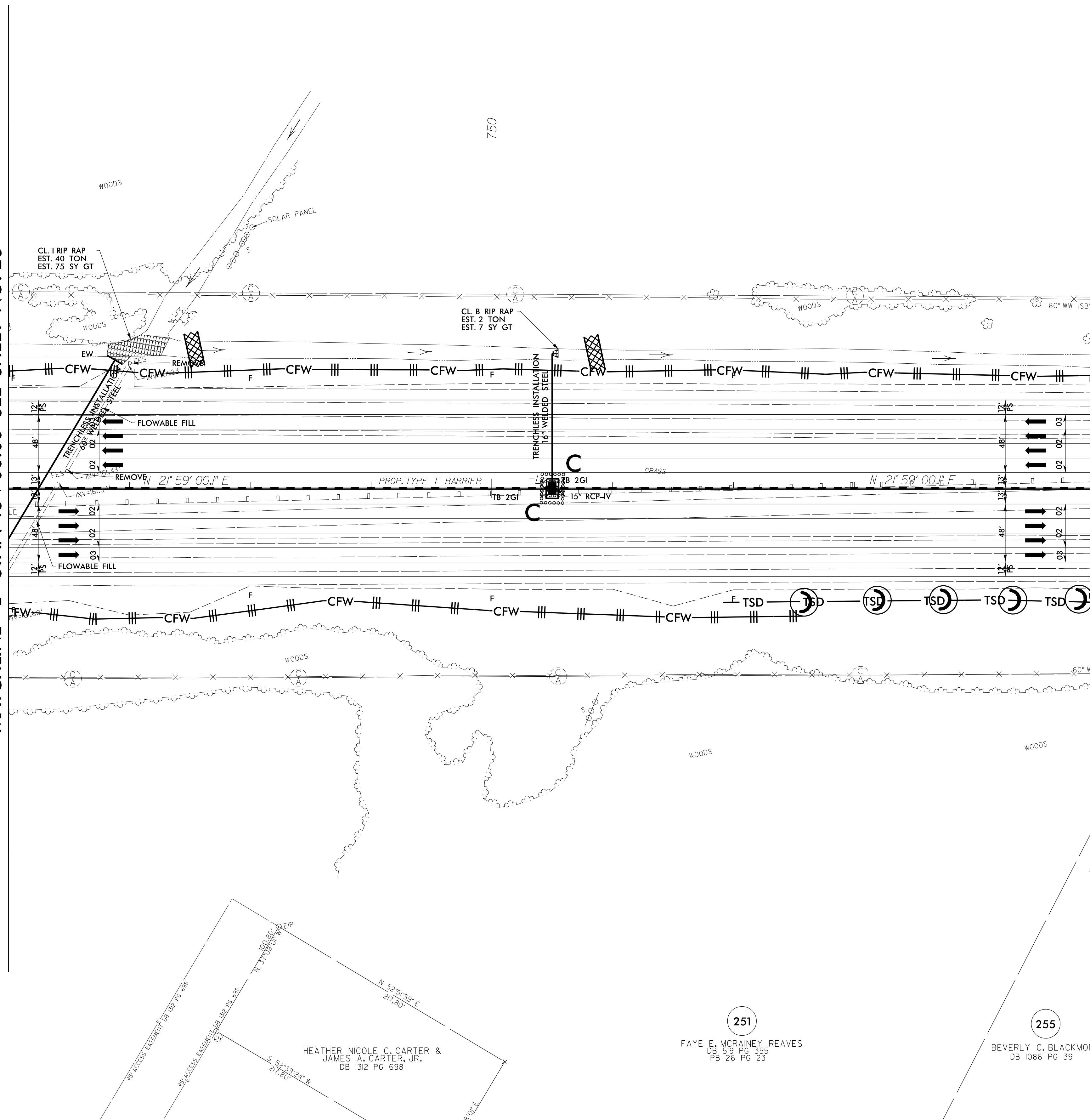
ETHERILL ENGINEERING

1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

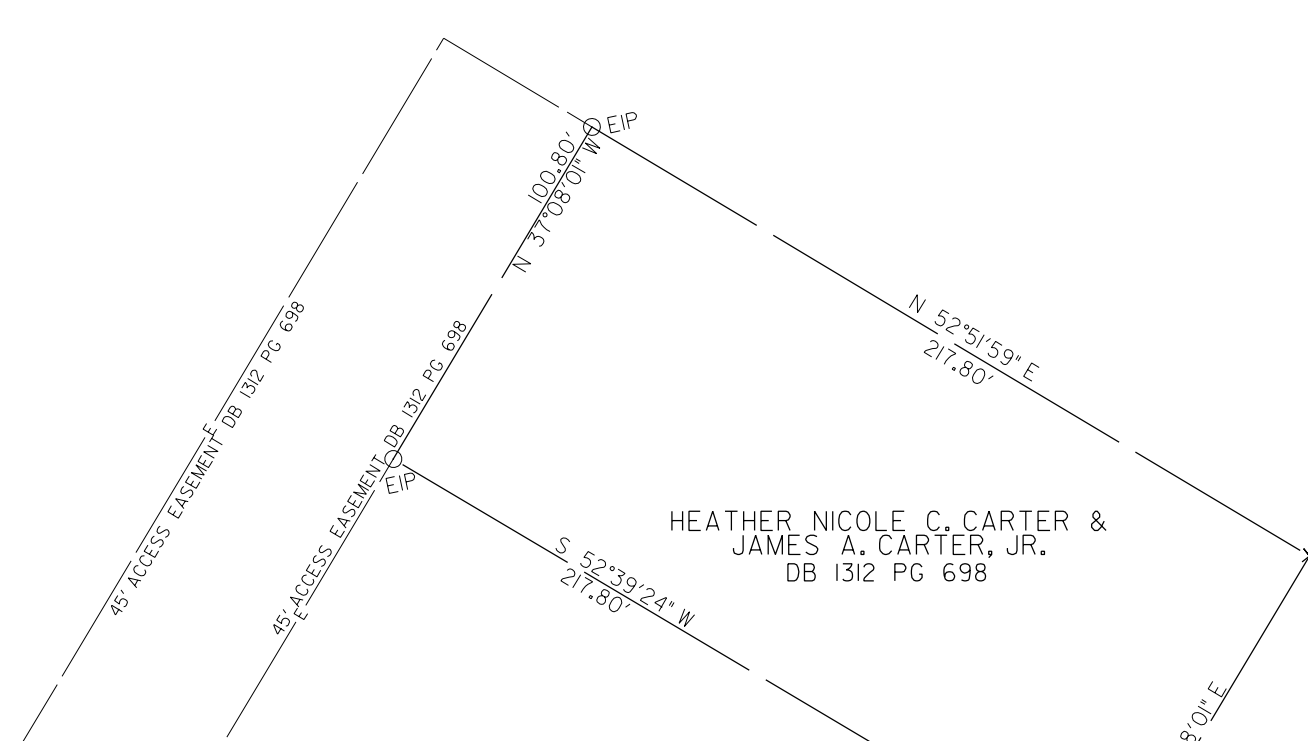
MATCHLINE -L- STA. 746 + 00.00 SEE SHEET NO. 23

MATCHLINE -L- STA. 755 + 00.00 SEE SHEET NO. 25



- 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.
- 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.
- FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 24

3/14/2022
Ergoston_Contr01_15987B_EC_PSH_24_f.mxd.dgn
Matt MacDonald



HEATHER NICOLE C. CARTER &
JAMES A. CARTER, JR.
DB 1312 PG 698

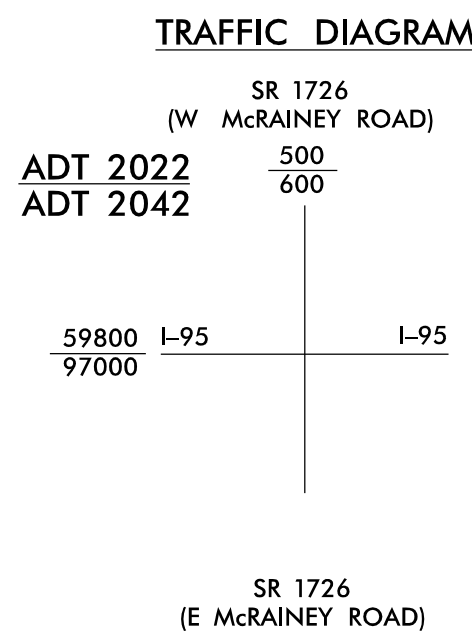
251

FAYE E. MCRAINEY REAVES
DB 519 PG 355
PB 26 PG 23

255

BEVERLY C. BLACKMON
DB 1086 PG 39

5/14/2022

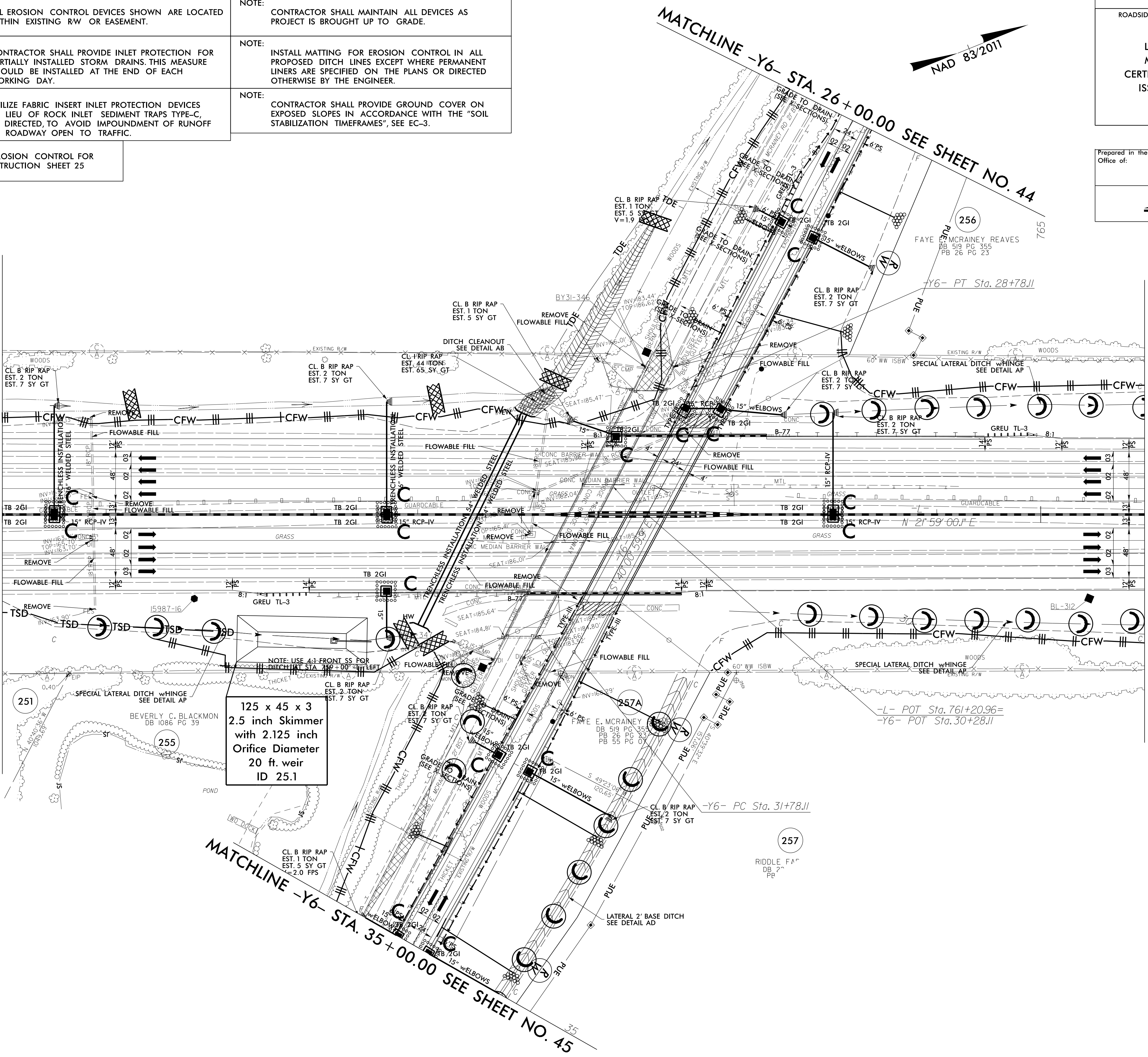


NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT.	NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.
NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.	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: 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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE 'SOIL STABILIZATION TIMEFRAMES', SEE EC-3.
FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 25	

PROJECT REFERENCE NO. <i>1-5897B</i>	SHEET NO. <i>EC-71/CONST.25</i>
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
	 1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. 1-4377 Bus: 919.851.8077 Fax: 919.851.9107

MATCHLINE -L- STA. 755 + 00.00 SEE SHEET NO. 24

MATCHLINE -L- STA. 766 + 00.00 SEE SHEET NO. 26

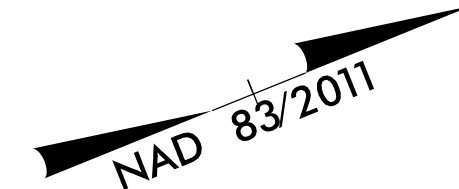


NOTE: USE 4:1 FRONT SS FOR DITCH AT STA. 100+00 TO LEFT

125 x 45 x 3
2.5 inch Skimmer
with 2.125 inch
Orifice Diameter
20 ft. weir
ID 25.1

MATCHLINE -Y6- STA. 35 + 00.00 SEE SHEET NO. 45

MATCHLINE -Y6- STA. 26 + 00.00 SEE SHEET NO. 44



3/14/2022
Ergoston_Contr-01_15987B_EC_PSH_25_f.mxd.dgn
Matt.MacDonald

LEVEL III CERTIFIED BY:
MATTHEW HARVEY, PE
CERTIFICATION NUMBER: 3487
ISSUED: MARCH 15, 2022

- | | |
|--|--|
| NOTE:
ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT. | NOTE:
CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE. |
| NOTE:
CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY. | 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:
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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3. |
| FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 26 | |

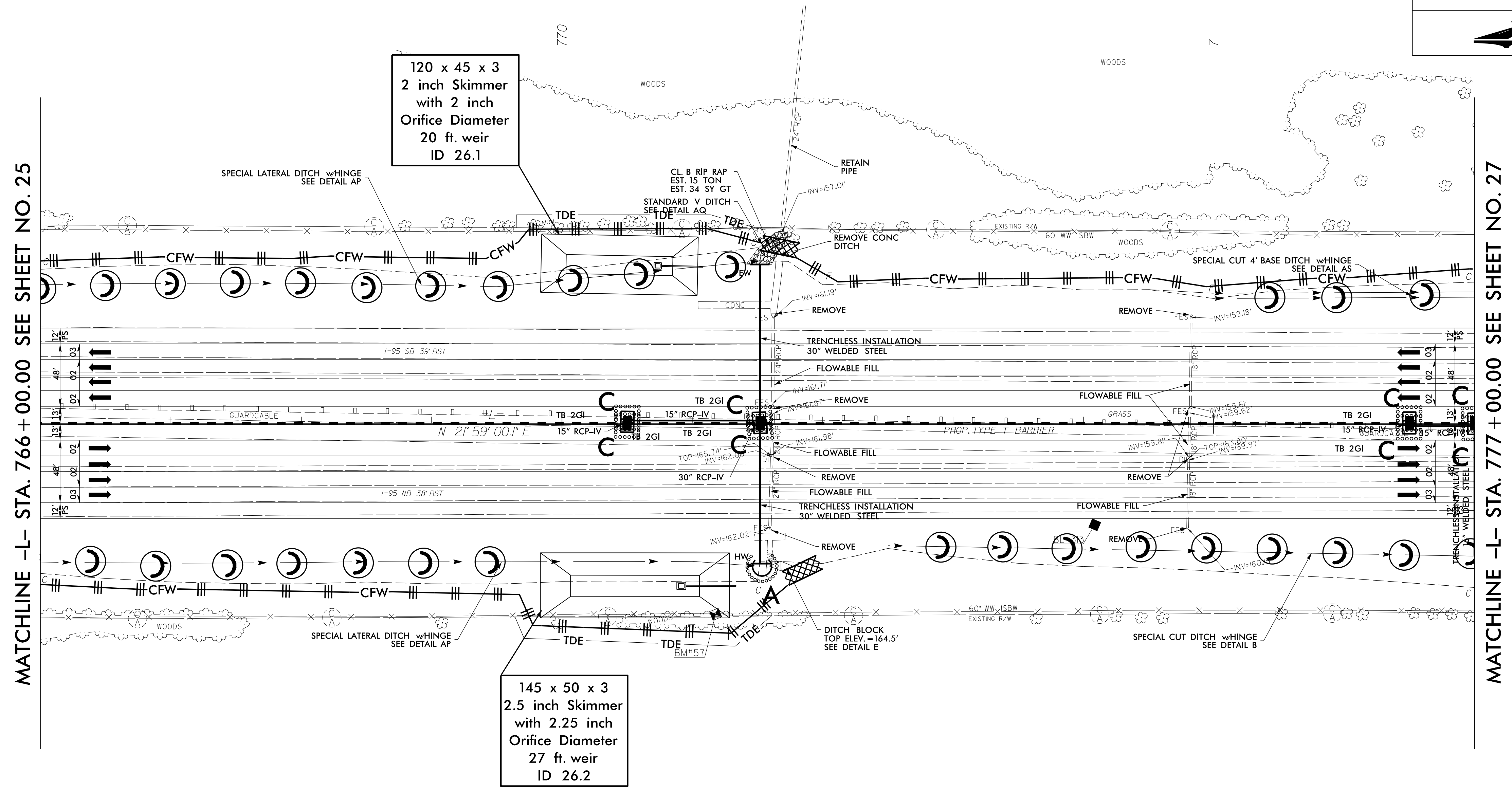
Prepared in the Office of:

M M
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. 1-4377
Bus: 919 851 8077
Fax: 919 851 9107



MATCHLINE -L- STA. 766 + 00.00 SEE SHEET NO. 25

MATCHLINE -L- STA. 777 + 00.00 SEE SHEET NO. 27

120 x 45 x 3
2 inch Skimmer
with 2 inch
Orifice Diameter
20 ft. weir
ID 26.1

145 x 50 x 3
2.5 inch Skimmer
with 2.25 inch
Orifice Diameter
27 ft. weir
ID 26.2

5/14/2022

Erosion_Control_15987B_EC_PSH_27_f.mxd

Mott MacDonald

NAD 83/2011

256

FAYE E. MCRANEY
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.

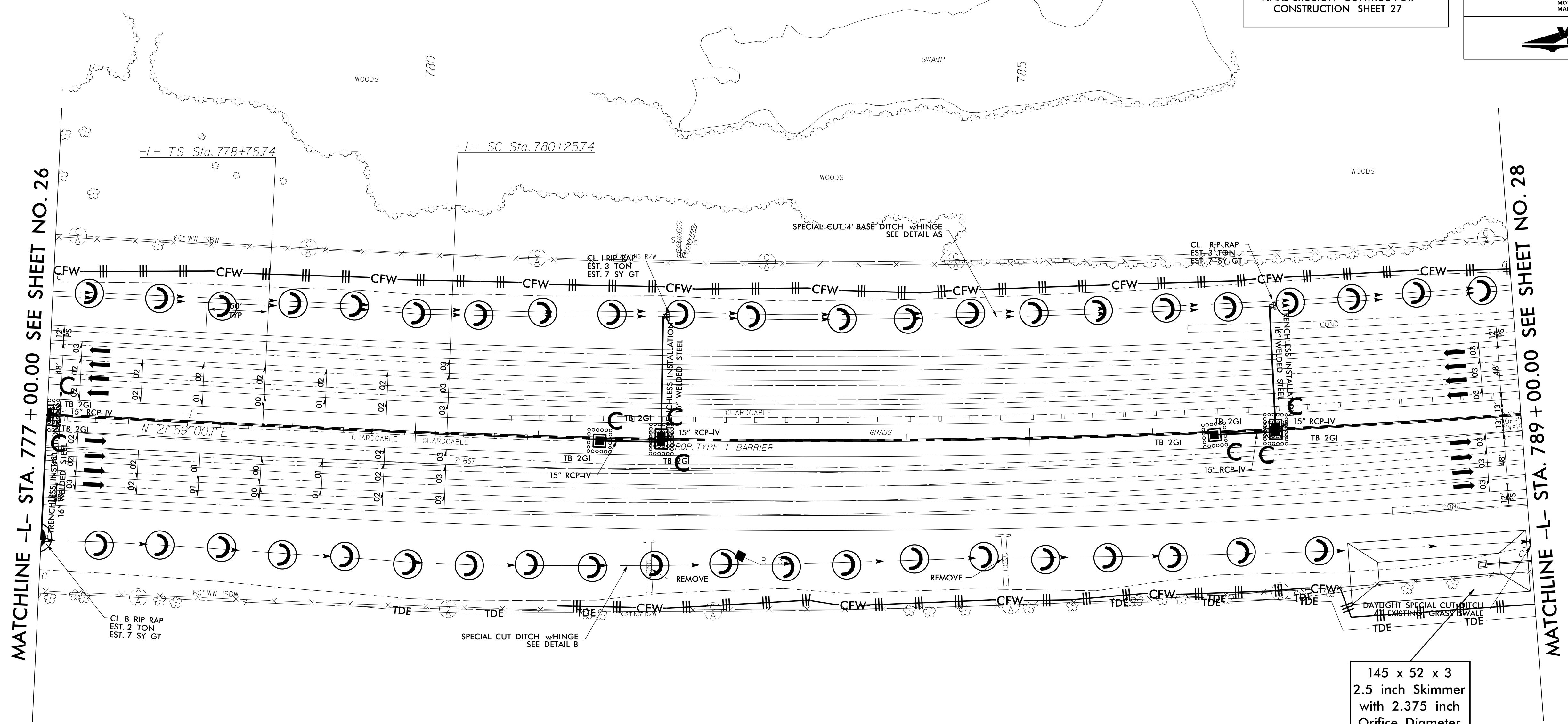
NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.

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

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:	<p>M M MOTT MACDONALD</p> <p>PO Box 700 Fuquay-Varina, NC 27526 www.mottmac.com/america</p>
<p>1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. 14377 Bus: 919 851 8077 Fax: 919 851 9107</p>	



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

5/14/2022

Erosion_Control_15987B_EC_PSH_28_f.mxd

Mott MacDonald

NAD 83/2011

PROJECT REFERENCE NO. 1-5897B SHEET NO. EC-74/CONST.28

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 1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. 143777 Bui: 919 851 8077 Fax: 919 851 9107

NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING R/W OR EASEMENT.

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

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

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

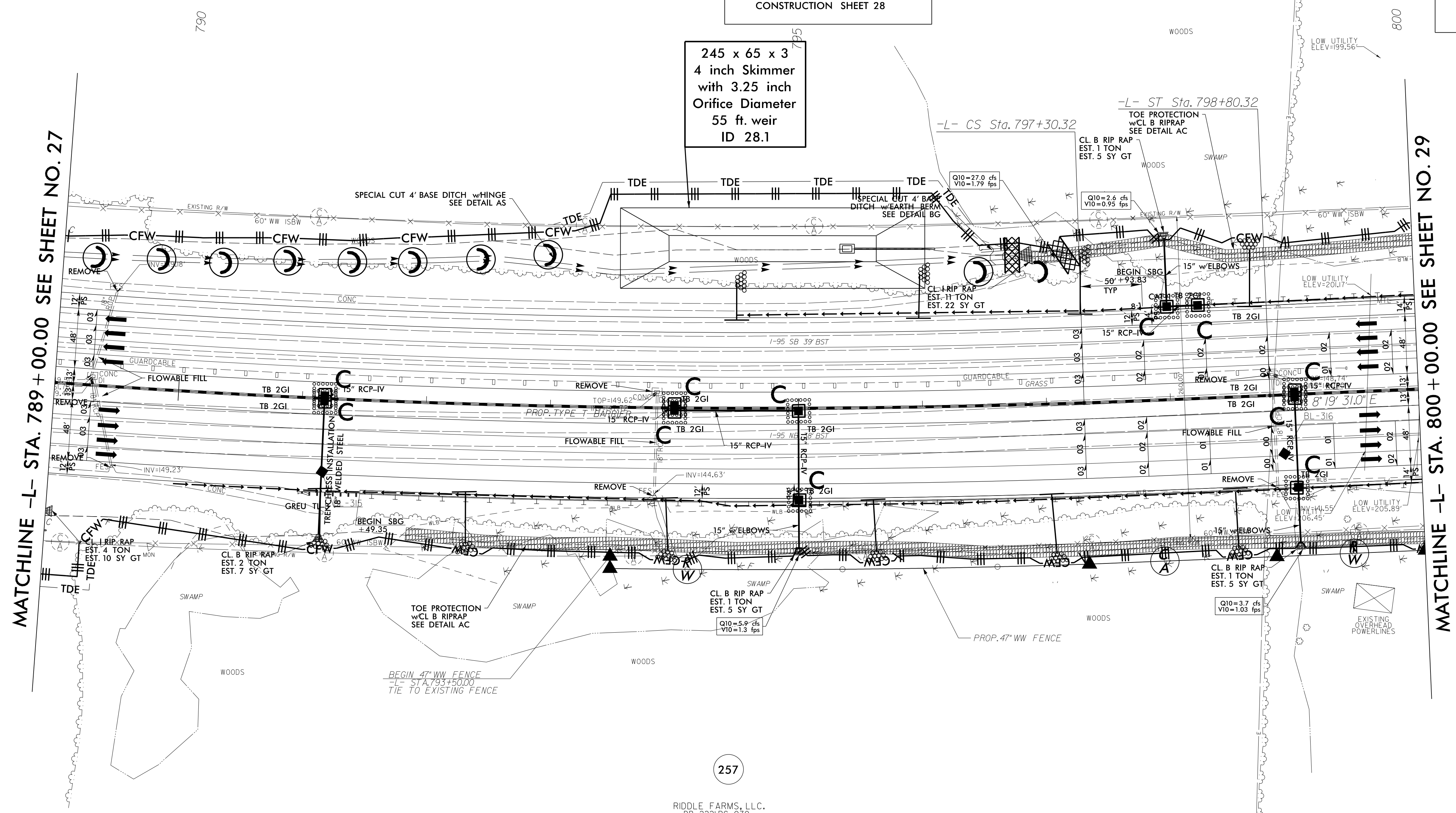
NOTE: CONTRACTOR SHALL PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 28

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

245 x 65 x 3 4 inch Skimmer with 3.25 inch Orifice Diameter 55 ft. weir ID 28.1

257 RIDDLE FARMS, LLC. DB 222 PG 07/07 PB 55 PG 07



MATCHLINE -L- STA. 789 + 00.00 SEE SHEET NO. 27

MATCHLINE -L- STA. 800 + 00.00 SEE SHEET NO. 29

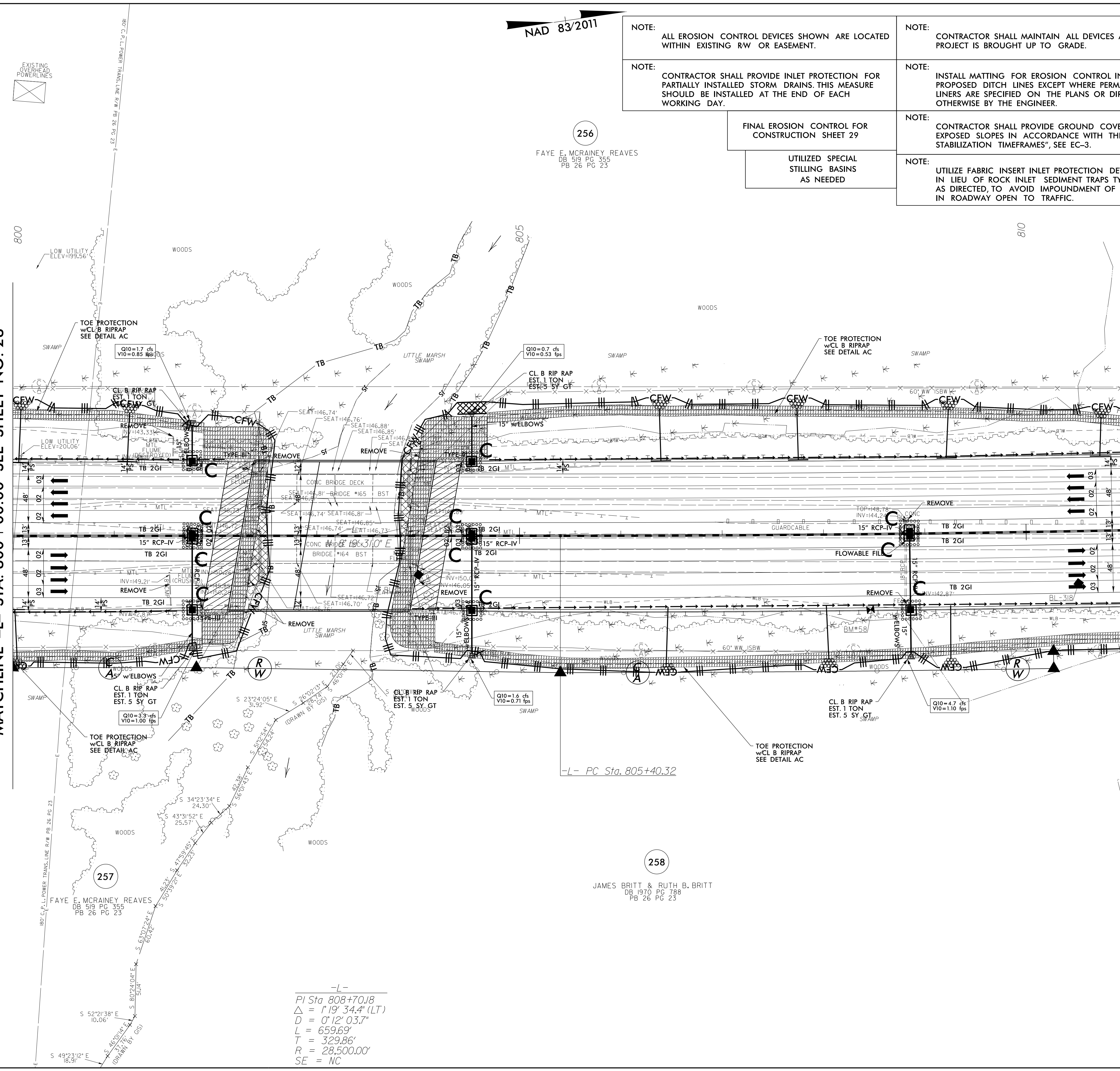
-L- PI Sta 788+81.45 PIs Sta 797+80.32 Δ = 12' 33" 12.3" (LT) θs = 0' 33" 08.4" D = 0' 44" 11.2" Ls = 150.00' L = 1,704.58' LT = 100.00' T = 855.72' ST = 50.00' R = 7,780.00' SE = 03 RO = 150.00'

5/14/99

3/14/2022
E:\Erosion_Control\15987B_EC_PSH_29_f.mxd
Mott MacDonald

MATCHLINE -L- STA. 800 + 00.00 SEE SHEET NO. 28

MATCHLINE -L- STA. 811 + 00.00 SEE SHEET NO. 30



NAD 83/2011

256

FAYE E. MCRAINEY REAVES
DB 519 PG 355
PB 26 PG 23

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.

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 29

UTILIZED SPECIAL STILLING BASINS AS NEEDED

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.

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.

PROJECT REFERENCE NO. 1-5897B SHEET NO. EC-75/CONST.29

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



1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. 1-4377
Bus: 919.951.8077
Fax: 919.951.9107

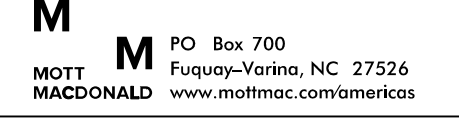

-L- PC Sta. 805+40.32

258

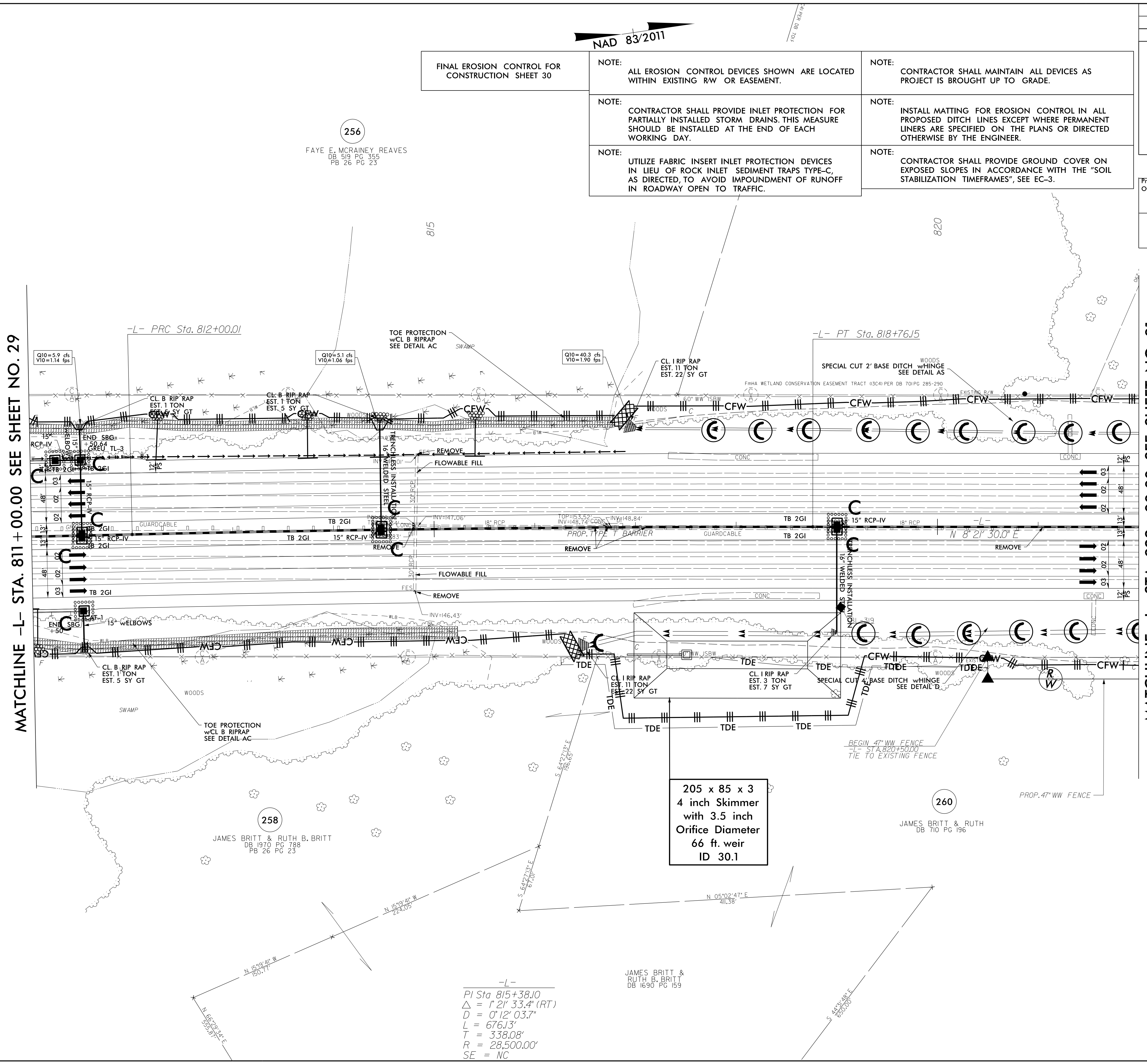
JAMES BRITT & RUTH B. BRITT
DB 1970 PG 788
PB 26 PG 23

-L-
PI Sta 808+70.18
Δ = 1' 19" 34.4" (LT)
D = 0' 12" 03.7"
L = 659.69'
T = 329.86'
R = 28,500.00'
SE = NC

NAD 83/2011

PROJECT REFERENCE NO.	SHEET NO.
1-5897B	EC-76/CONST.30
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/americas
	 1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. 1-4377 Bus: 919 851 8077 Fax: 919 851 9107

- | | | |
|---|--|--|
| FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 30 | NOTE:
ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT. | NOTE:
CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE. |
| | NOTE:
CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY. | 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:
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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3. |



256
 FAYE E. MCRAINEY REAVES
 DB 519 PG 355
 PB 26 PG 23

258
 JAMES BRITT & RUTH B. BRITT
 DB 1970 PG 788
 PB 26 PG 23

260
 JAMES BRITT & RUTH B. BRITT
 DB 710 PG 196

-L-
 PI Sta 815+38.10
 Δ = 1' 21" 33.4" (RT)
 D = 0' 12" 03.7"
 L = 676.13'
 T = 338.08'
 R = 28,500.00'
 SE = NC

JAMES BRITT & RUTH B. BRITT
 DB 1690 PG 159

5/14/2022

3/14/2022
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Mott MacDonald

NAD 83/2011

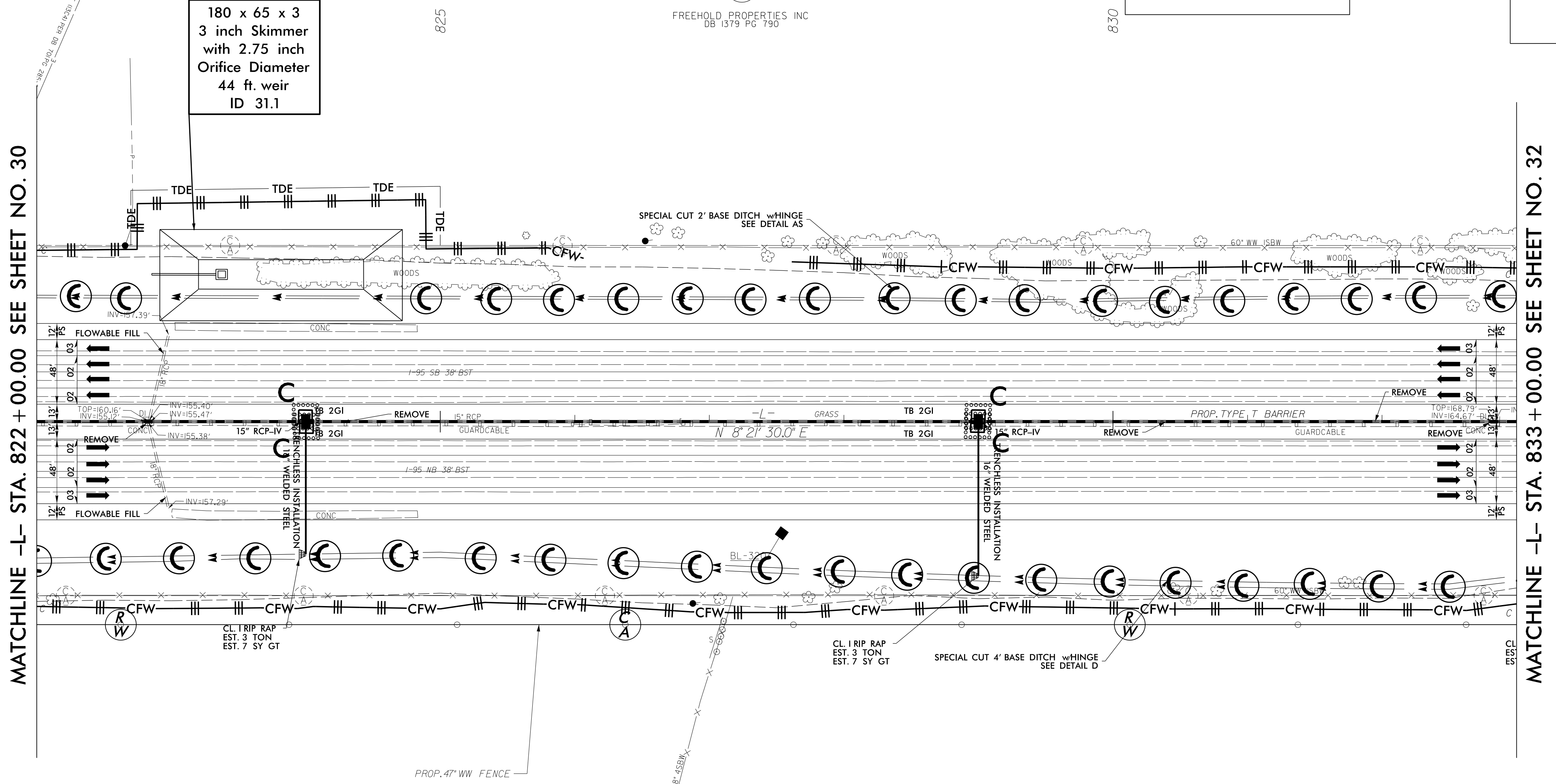
PROJECT REFERENCE NO.	SHEET NO.
1-5897B	EC-77/CONST.31
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE CERTIFICATION NUMBER: 3487 ISSUED: MARCH 15, 2022	

- | | |
|--|--|
| NOTE:
ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT. | NOTE:
CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE. |
| NOTE:
CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY. | 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:
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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3. |
| FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 31 | |

Prepared in the Office of:

MOTT MACDONALD
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 www.mottmac.com/americas

WETHERILL ENGINEERING
 1223 Jones Franklin Rd.
 Raleigh, N.C. 27606
 License No. 14-0377
 Bus: 919 851 8077
 Fax: 919 851 8107



259

FREEHOLD PROPERTIES INC
DB 1379 PG 790

260

JAMES BRITT & RUTH
DB 710 PG 196

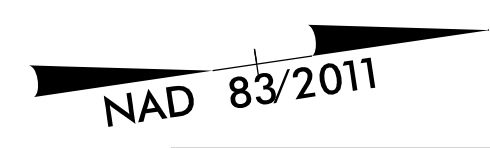
MATCHLINE -L- STA. 822 + 00.00 SEE SHEET NO. 30

MATCHLINE -L- STA. 833 + 00.00 SEE SHEET NO. 32

5/14/2022

3/14/2022
E:\egston_control\15987B_EC_PSH_32_1.mxd
Matt MacDonald

ETERNAL CONSERVATION EASEMENT TRACT (33C) PER DB 701 PG 285-290



NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING R/W 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.

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 32

FREEHOLD PROPERTIES INC
DB 1379 PG 790

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.

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.

PROJECT REFERENCE NO.	SHEET NO.
1-5897B	EC-78/CONST.32
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE CERTIFICATION NUMBER: 3487 ISSUED: MARCH 15, 2022	

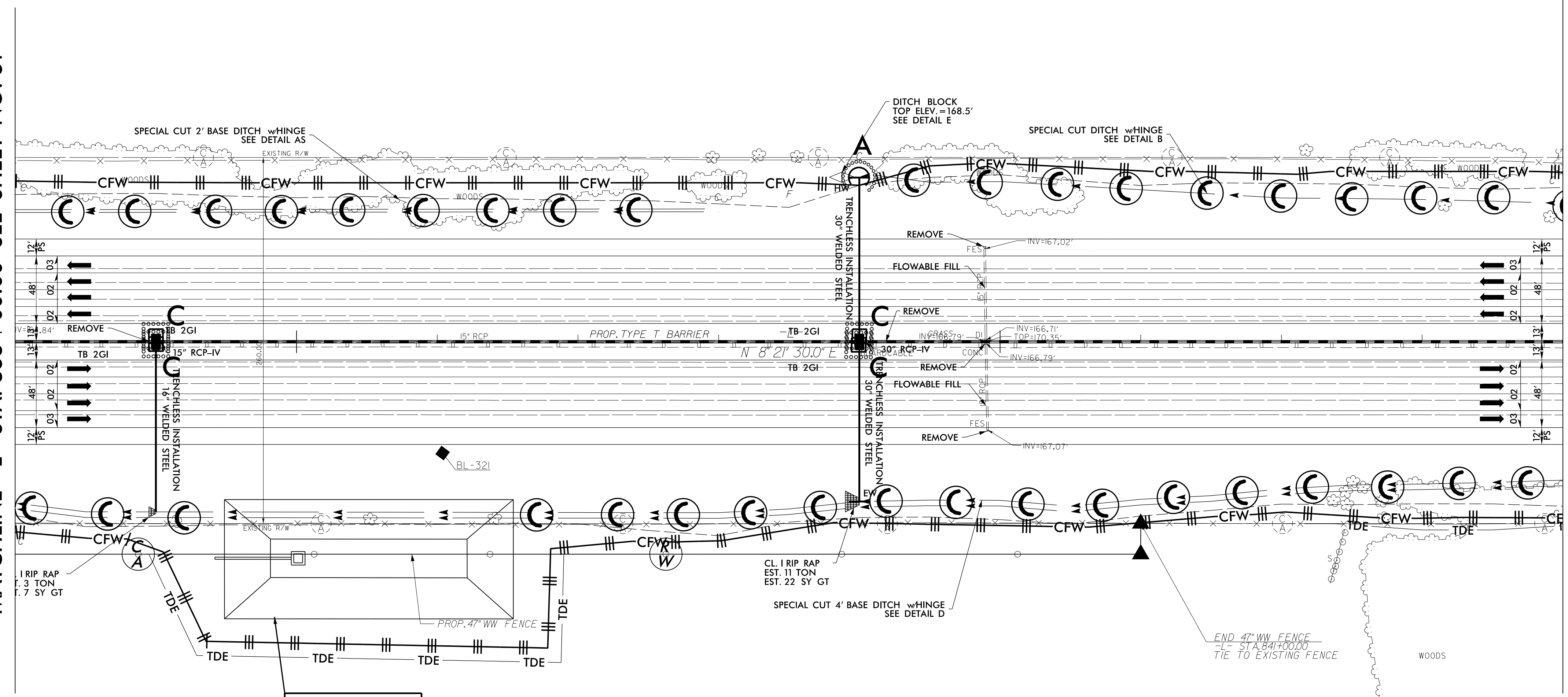
Prepared in the Office of:

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MOTT MACDONALD
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Fuquay-Varina, NC 27526
www.mottmac.com/america

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. 643177
Box: 919 851 8977
Fax: 919 851 8107

MATCHLINE -L- STA. 833 + 00.00 SEE SHEET NO. 31

MATCHLINE -L- STA. 844 + 00.00 SEE SHEET NO. 33



205 x 85 x 3
4 inch Skimmer
with 3.5 inch
Orifice Diameter
66 ft. weir
ID 32.1

260

JAMES BRITT & RUTH
DB 710 PG 196

WOODS

PREPARED BY: MOTT MACDONALD
DATE: 05/14/2022

5/14/2022

3/14/2022
E:\Erosion_Control\15987B_EC_PSH_33_f.mxd
Mott MacDonald

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.

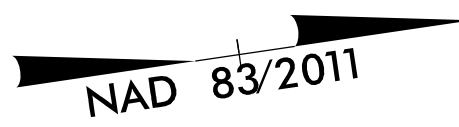
FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 33

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.

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.



PROJECT REFERENCE NO.	SHEET NO.
1-5897B	EC-79/CONST.33
RW SHEET NO.	
ROADSIDE ENVIRONMENTAL PROJECT ENGINEER	
LEVEL III CERTIFIED BY: MATTHEW HARVEY, PE CERTIFICATION NUMBER: 3487 ISSUED: MARCH 15, 2022	

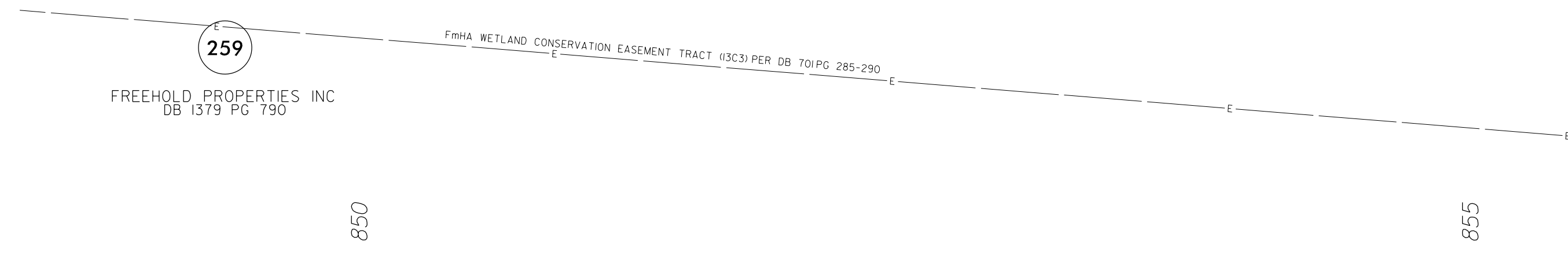
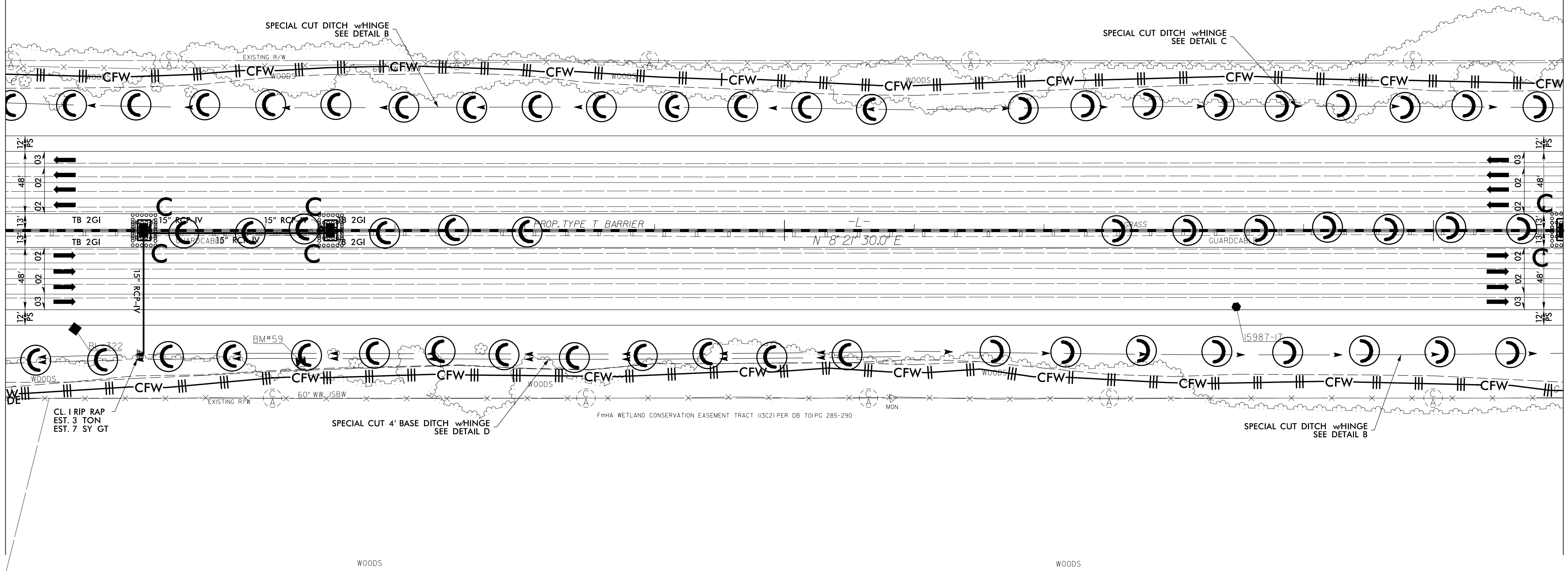
Prepared in the Office of:

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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. 643177
Box: 919 851 8877
Fax: 919 851 8107

MATCHLINE -L- STA. 844 + 00.00 SEE SHEET NO. 32

MATCHLINE -L- STA. 856 + 00.00 SEE SHEET NO. 34





260

JAMES BRITT & RUTH
DB 710 PG 196

5/14/2022

3/14/2022
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Mott MacDonald

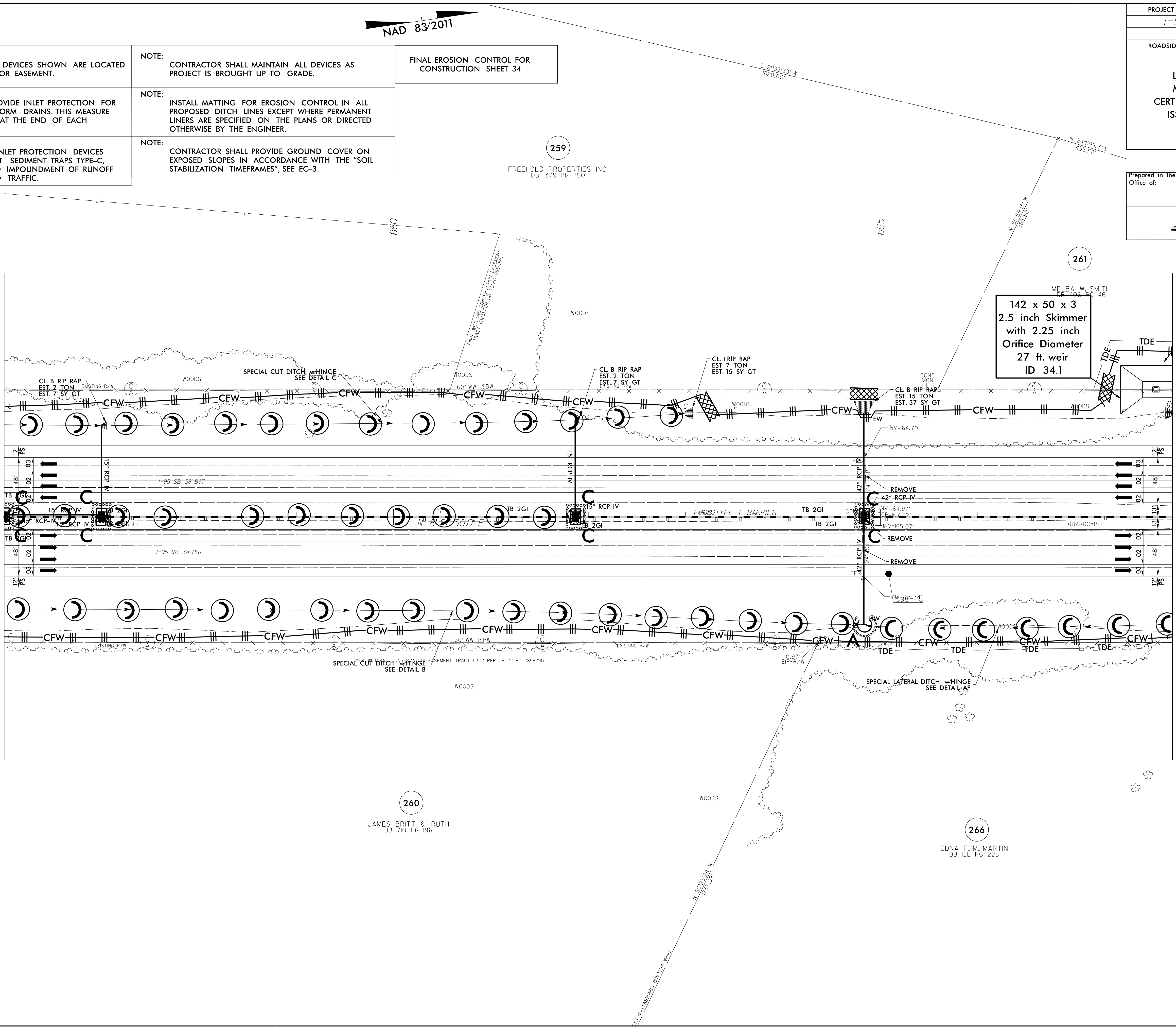
NAD 83/2011

PROJECT REFERENCE NO. 1-5897B	SHEET NO. EC-80/CONST.34
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
	 MATHERILL ENGINEERING 1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. 64337 Bus: 919 851 8877 Fax: 919 851 8107

NOTE: ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN EXISTING RW OR EASEMENT.	NOTE: CONTRACTOR SHALL MAINTAIN ALL DEVICES AS PROJECT IS BROUGHT UP TO GRADE.	FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 34
NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.	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: 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 PROVIDE GROUND COVER ON EXPOSED SLOPES IN ACCORDANCE WITH THE "SOIL STABILIZATION TIMEFRAMES", SEE EC-3.	

MATCHLINE -L- STA. 856 + 00.00 SEE SHEET NO. 33

MATCHLINE -L- STA. 868 + 00.00 SEE SHEET NO. 35



260

266

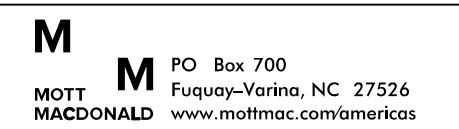

261

259

5/14/99

3/14/2022
Erosion_Control_15987B_EC_PSH_35_f.mcd
Mott MacDonald

NAD 83/2011

PROJECT REFERENCE NO. 1-5897B	SHEET NO. EC-81/CONST.35
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/americas
	 1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. 64377 Bus: 919 851 8977 Fax: 919 851 8107

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

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

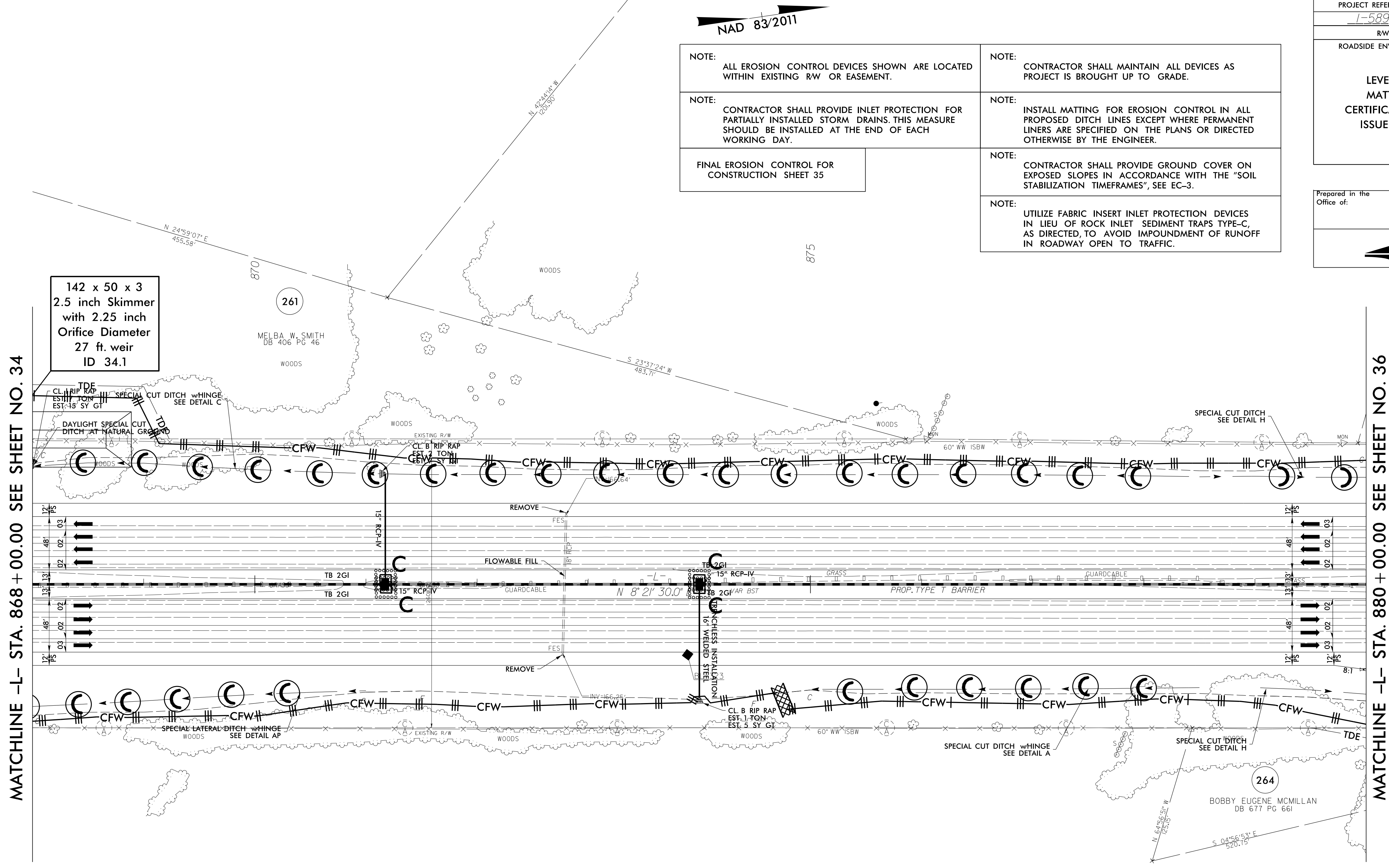
NOTE: CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR PARTIALLY INSTALLED STORM DRAINS. THIS MEASURE SHOULD BE INSTALLED AT THE END OF EACH WORKING DAY.

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.

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 35

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

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.



266
EDNA F. M. MARTIN
DB 12L PG 225