

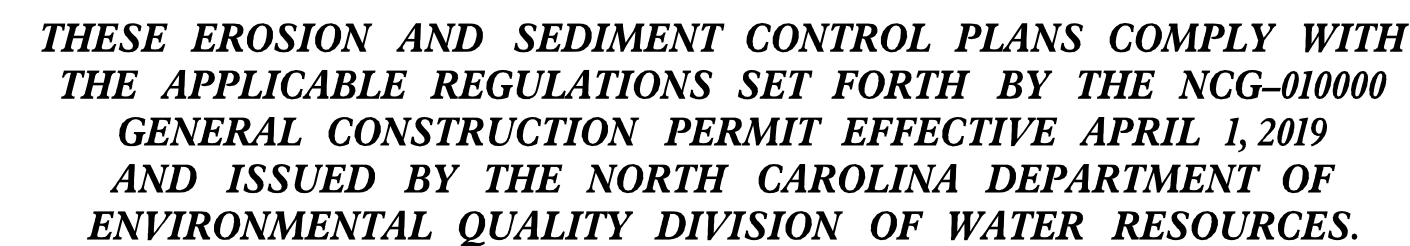
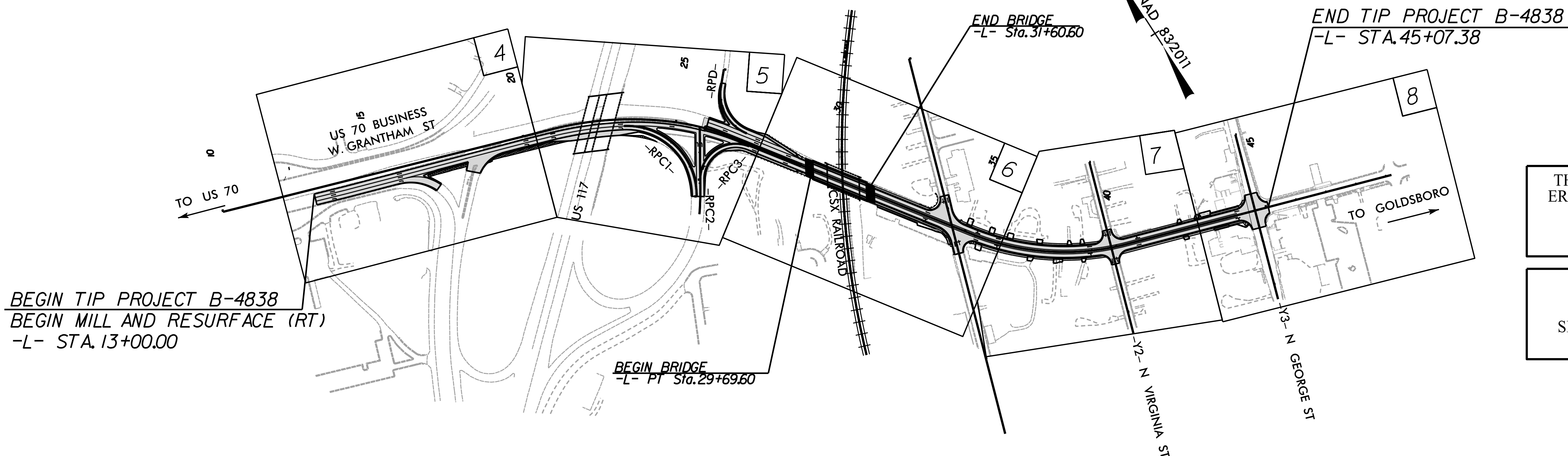
CONTRACT: C204814

THIS PROJECT CONTAINS
EROSION CONTROL PLANS
FOR CLEARING AND
GRUBBING PHASE OF
CONSTRUCTION.

THIS PROJECT HAS
BEEN DESIGNED TO
SENSITIVE WATERSHED
STANDARDS.

**LOCATION: BRIDGE NO.20 ON US 70B (GRANTHAM ST)
OVER CSX RAILROAD
GOLDSBORO**

TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURE



Designed by:

RENE REMY, CPESC, CPSWQ 3125

NAME LEVEL III CERTIFICATION NO.

The "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2024 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

5/14/99

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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
B-4838	EC-02
RW SHEET NO.	
Prepared in the Office of: AECOM NC FIRM LICENSE No F-0342 5438 Wade Park Boulevard, Suite 200 Raleigh, NC 27607 +1-919-469-6000	

EROSION & SEDIMENT CONTROL LEGEND

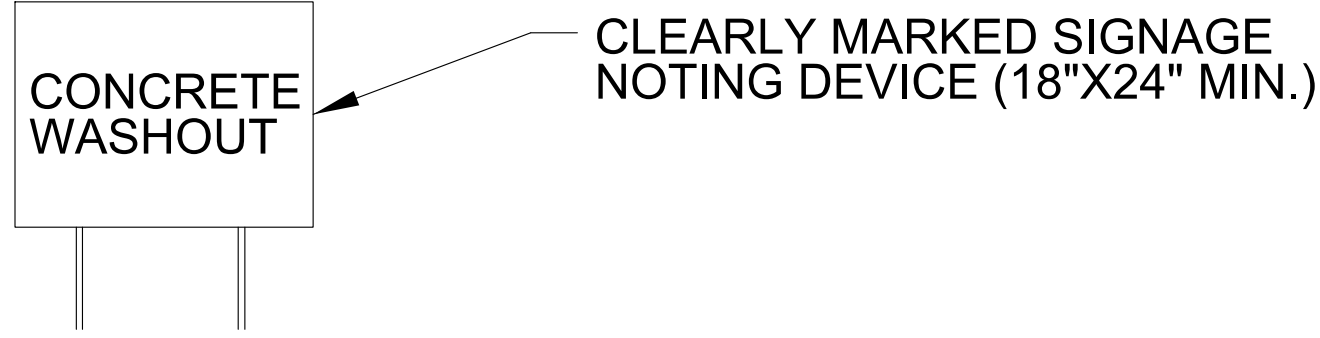
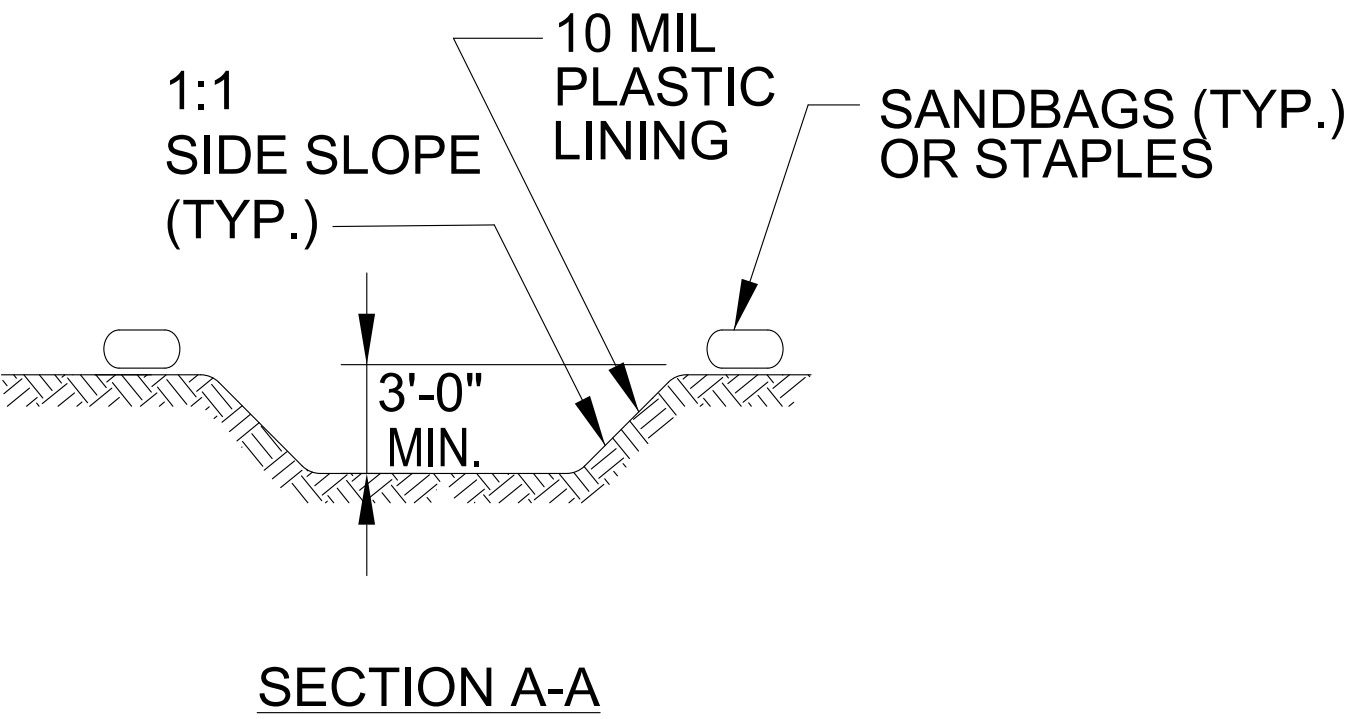
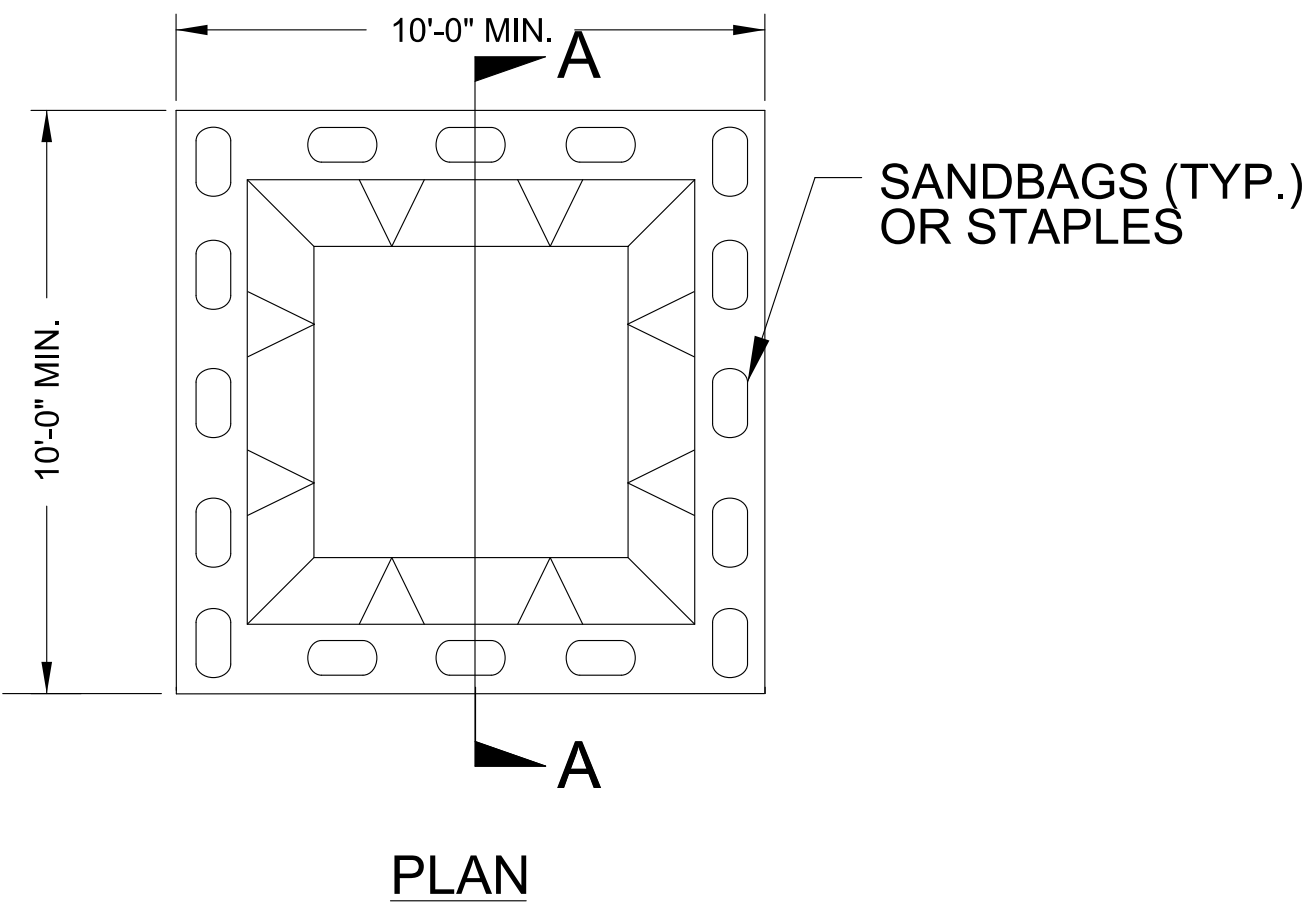
Std. #	Description	Symbol	Std. #	Description	Symbol
1605.01	Temporary Silt Fence		1633.01	Temporary Rock Silt Check Type A	
1606.01	Special Sediment Control Fence		1633.02	Temporary Rock Silt Check Type B	
1622.01	Temporary Berms and Slope Drains		1633.03	Temporary Rock Silt Check Type A with Excelsior Matting and Flocculant	
1630.02	Silt Basin Type B		1634.01	Temporary Rock Sediment Dam Type A	
1630.03	Temporary Silt Ditch		1634.02	Temporary Rock Sediment Dam Type B	
1630.04	Stilling Basin		1635.01	Rock Pipe Inlet Sediment Trap Type A	
1630.05	Temporary Diversion		1635.02	Rock Pipe Inlet Sediment Trap Type B	
1630.06	Special Stilling Basin		1636.01	Excelsior Wattle Check	
1630.07	Skimmer Basin		1636.01	Excelsior Wattle Check with Flocculant	
1630.08	Tiered Skimmer Basin		1636.01	Coir Fiber Wattle Check	
1630.09	Earthen Dam with Skimmer		1636.01	Coir Fiber Wattle Check with Flocculant	
	Infiltration Basin		1636.02	Silt Fence Excelsior Wattle Break	
	Rock Inlet Sediment Trap:			Silt Fence Coir Fiber Wattle Break	
1632.01	Type A		1636.03	Excelsior Wattle Barrier	
1632.02	Type B		1636.03	Coir Fiber Wattle Barrier	
1632.03	Type C				

5/14/99

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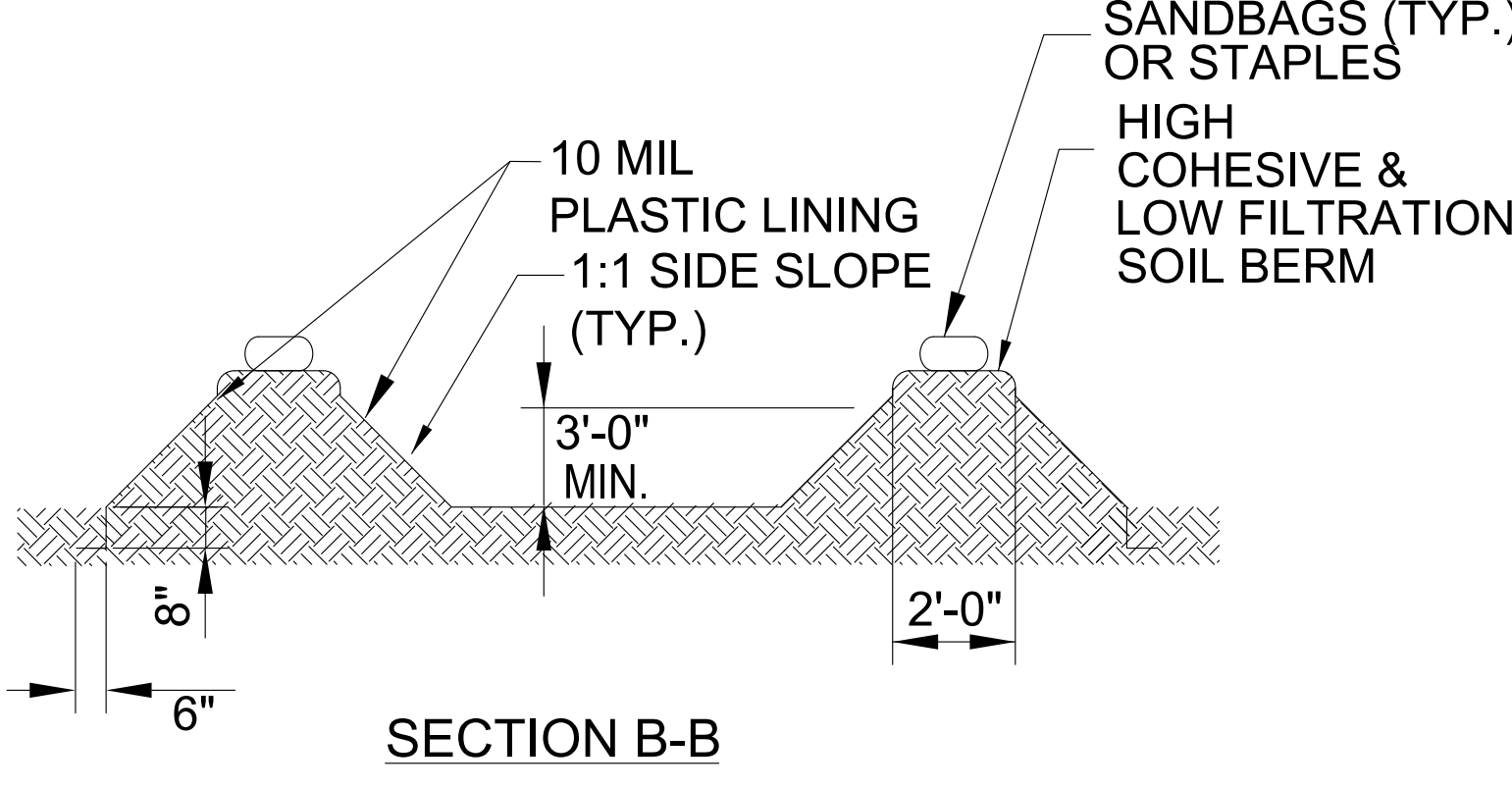
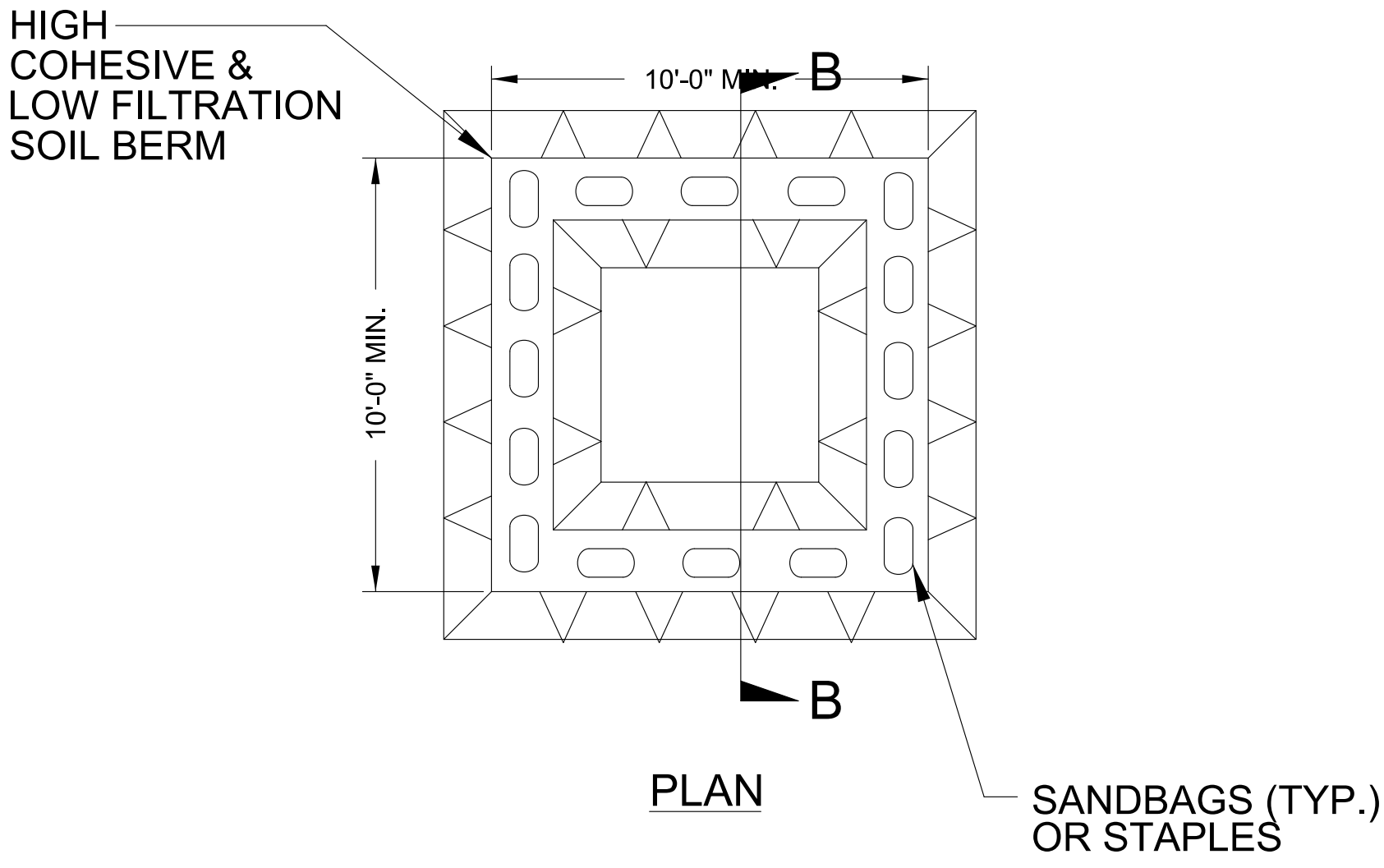
ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

PROJECT REFERENCE NO.	SHEET NO.
B-4838	EC-02A
RW SHEET NO.	
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BELOW GRADE WASHOUT STRUCTURE
NOT TO SCALE

- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
 2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
 3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



ABOVE GRADE WASHOUT STRUCTURE
NOT TO SCALE

- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
 2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
 3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

5/14/99

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Remit

PROJECT REFERENCE NO.	SHEET NO.
B-4838	EC-03
RW SHEET NO.	
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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH WITH SLOPES STEEPER THAN 4:1. 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES

5/14/99

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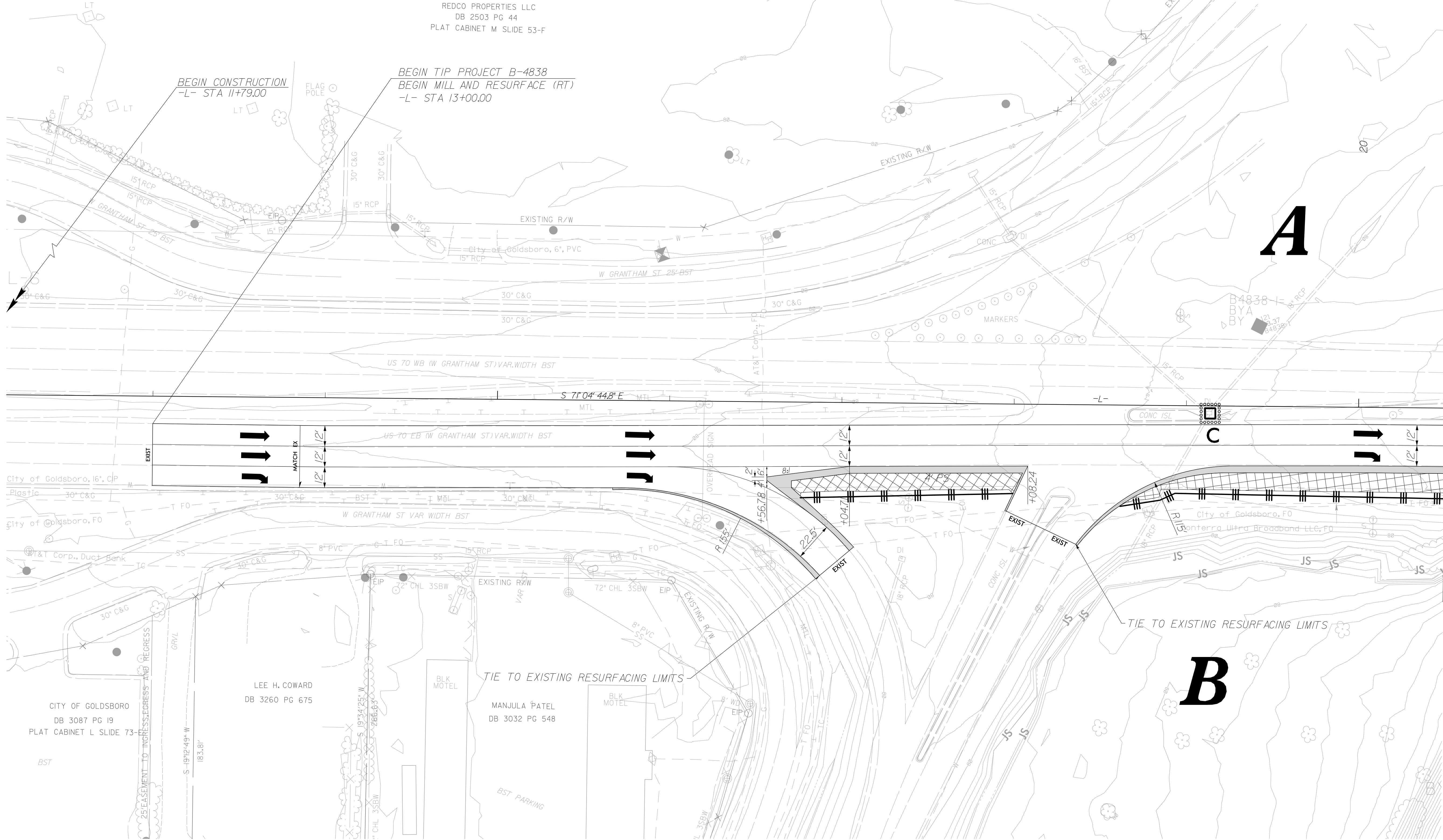
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 4

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

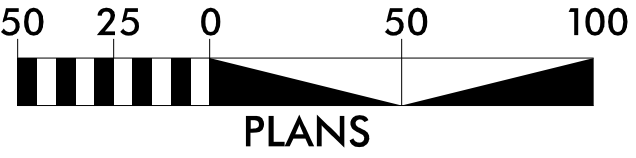
REDCO PROPERTIES LLC
DB 2503 PG 44
PLAT CABINET M SLIDE 53-F

BEGIN TIP PROJECT B-4838
BEGIN MILL AND RESURFACE (RT)
-L- STA 13+00.00

BEGIN CONSTRUCTION
-L- STA 11+79.00



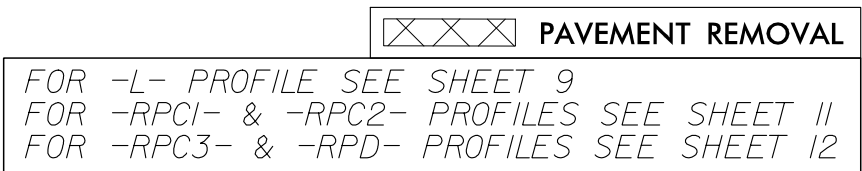
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B-4838	EC-04/CONST. 4
R/W SHEET NO.	
Prepared in the Office of:	NC FIRM LICENSE No F-0342 5438 Wade Park Boulevard, Suite 200 Raleigh, NC 27607 +1-919-461-1000



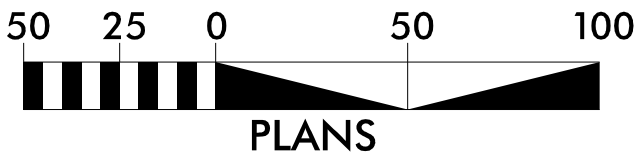
MATCH LINE -L- STA. 20+50 SEE SHEET EC-05

PAVEMENT REMOVAL
FOR -L- PROFILE SEE SHEET 9

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



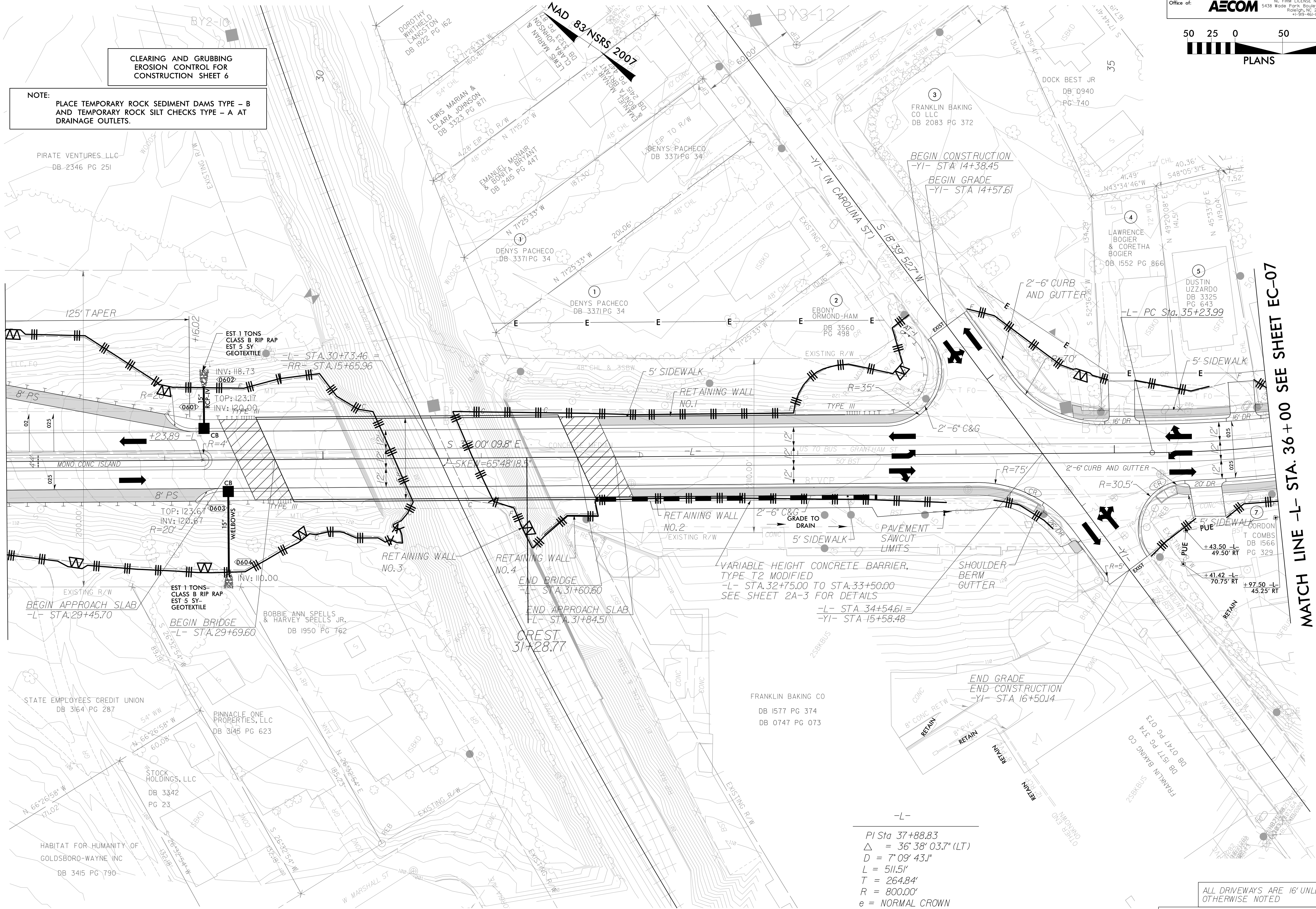
PROJECT REFERENCE NO.	SHEET NO.
B-4838	EC-06/CONST.6
RW SHEET NO.	
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CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 6

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

MATCH LINE -L- STA. 28+00 SEE SHEET EC-05



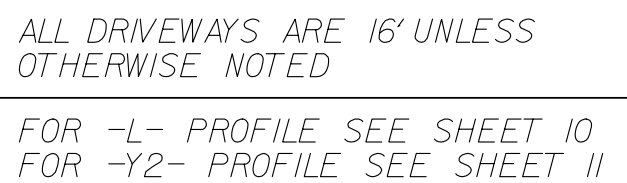
MATCH LINE -L- STA. 36+00 SEE SHEET EC-07

-L-
PI Sta 37+88.83
 $\Delta = 36^\circ 38' 03.7''$ (LT)
 $D = 7^\circ 09' 43.1''$
 $L = 511.51'$
 $T = 264.84'$
 $R = 800.00'$
 $e = \text{NORMAL CROWN}$

ALL DRIVEWAYS ARE 16' UNLESS
OTHERWISE NOTED

FOR -L- PROFILE SEE SHEETS 9 & 10
FOR -YI- PROFILE SEE SHEET 11

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



MATCH LINE -L- STA. 43+00 SEE SHEET 8

$P = \text{Sta. } 37+88.83$
 $\Delta = 36^\circ 38' 03.7'' \text{ (LT)}$
 $D = 7^\circ 09' 43.1''$
 $L = 511.51'$
 $T = 264.84'$
 $R = 800.00'$
 $e = \text{NORMAL CROWN}$

5/14/99

2:57:09 PM 5/14/99 B-4838\900-CAD-GIS\910-CAD\70-NCDDT-TIP-Erosion Control\230-B4838-EC-ps08-CG.dgn

MATCH LINE -L- STA. 43+00 SEE SHEET EC-07



CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 8

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

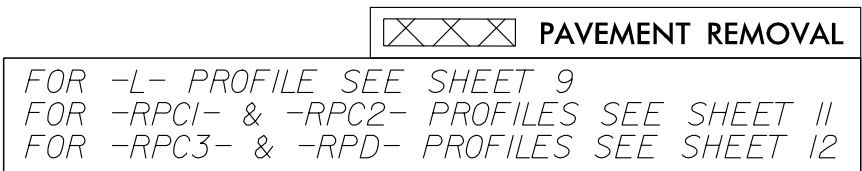
NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU
OF ROCK INLET SEDIMENT TRAPS TYPE C IN AREAS WHERE
WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.

PROJECT REFERENCE NO.	SHEET NO.
B-4838	EC-08/CONST.8
RW SHEET NO.	
AECOM	
Prepared in the Office of: NC FIRM LICENSE No F-0342 5438 Wade Park Boulevard, Suite 200 Raleigh, NC 27607 919-894-6900	

50 25 0 50 100
PLANS

ALL DRIVEWAYS ARE 16' UNLESS
OTHERWISE NOTED
FOR -L- PROFILE SEE SHEET 10

NAD 83/NRS 2007

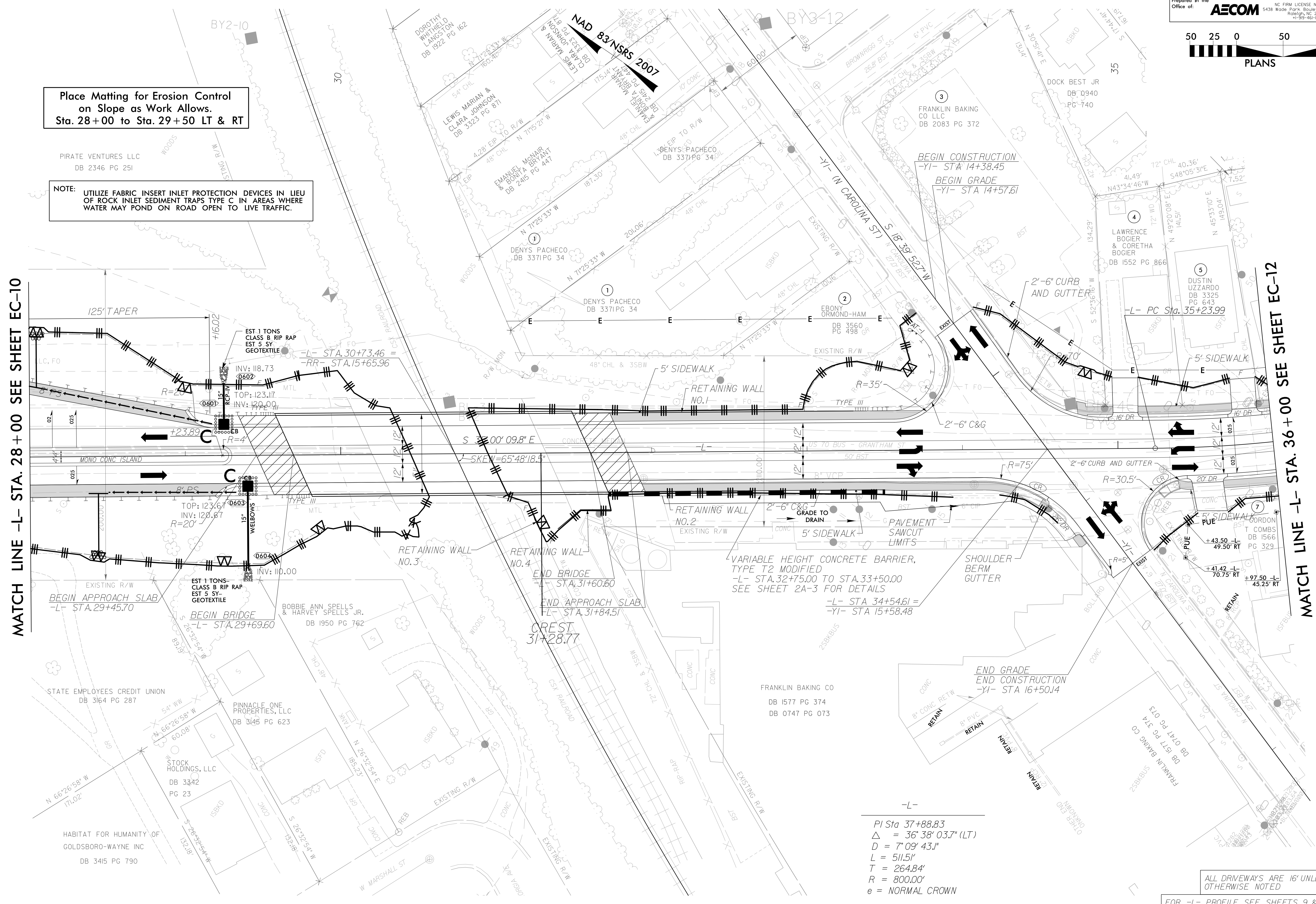


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PROJECT REFERENCE NO.	SHEET NO.
B-4838	EC-II/CONST.6
RW SHEET NO.	
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50 25 0 50 100

PLANS



Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 28+00 to Sta. 29+50 LT & RT

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

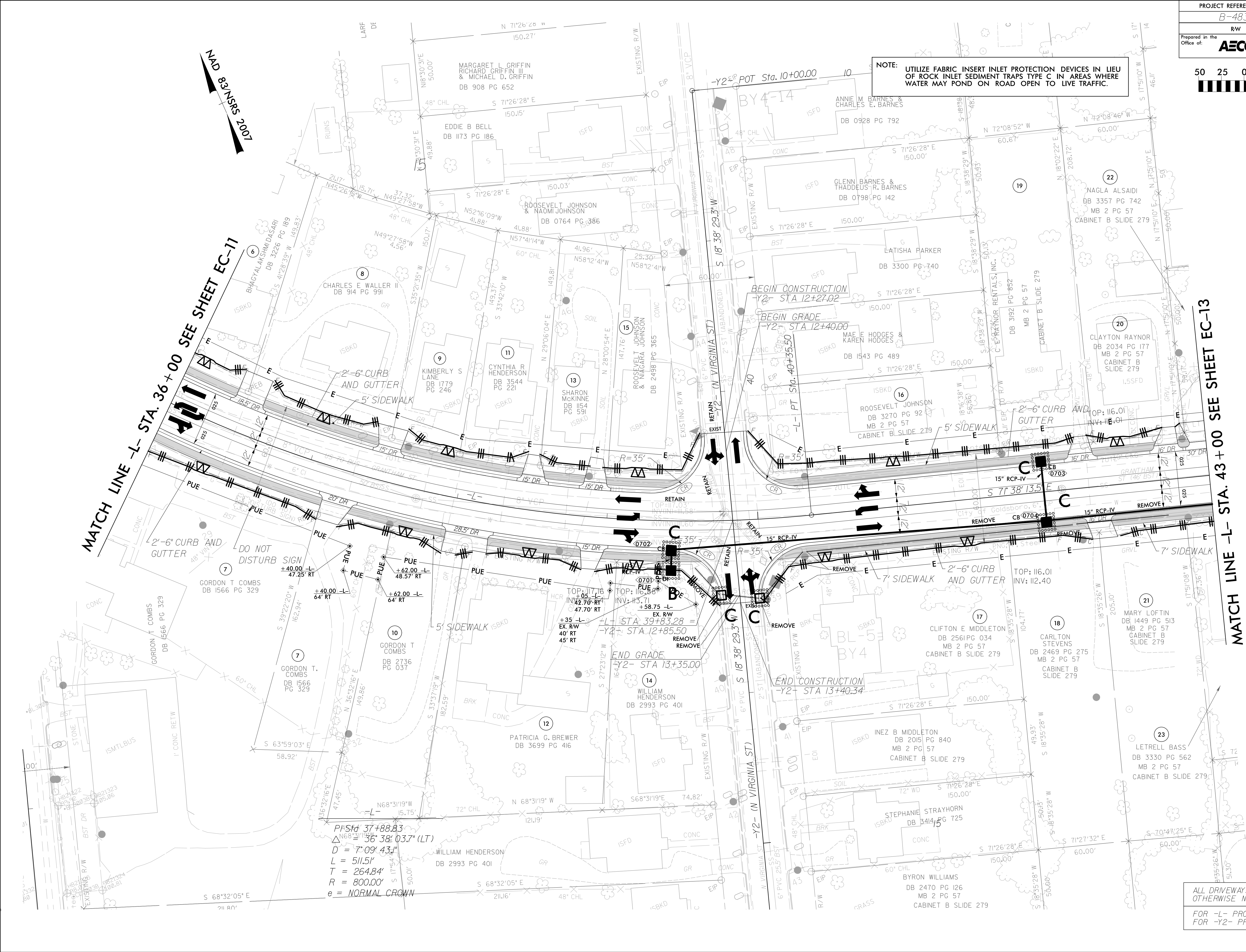
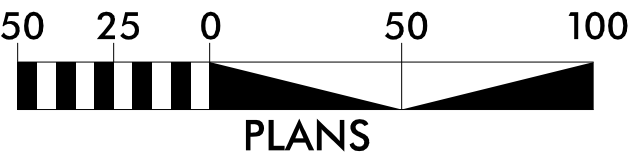
MATCH LINE -L- STA. 28+00 SEE SHEET EC-10

MATCH LINE -L- STA. 36+00 SEE SHEET EC-12

-L-
PI Sta 37+88.83
Δ = 36° 38' 03.7" (LT)
D = 7° 09' 43.1"
L = 511.51'
T = 264.84'
R = 800.00'
e = NORMAL CROWN

ALL DRIVEWAYS ARE 16' UNLESS
OTHERWISE NOTED
FOR -L- PROFILE SEE SHEETS 9 & 10
FOR -YI- PROFILE SEE SHEET 11

PROJECT REFERENCE NO.	SHEET NO.
B-4838	EC-12/CONST.7
RW SHEET NO.	
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ALL DRIVEWAYS ARE 16' UNLESS OTHERWISE NOTED

FOR -L- PROFILE SEE SHEET 10
FOR -Y2- PROFILE SEE SHEET 11

Figure 1 shows a plan view of a road cross-section. The road is 100 units wide. On the left side, there is a 50-unit shoulder and a 25-unit lane. On the right side, there is a 50-unit shoulder and a 25-unit lane. The road is labeled "PLANS".

NAD 83/NSRS 2007



MATCH LINE -L- STA. 43+00 SEE SHEET EC-12

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

BEGIN CONSTRUCTION
-Y3- STA 11+95.00

END TIP PROJECT B-4838
-L- STA 45+07.38

END CONSTRUCTION
-L- STA 45+23.00

END CONSTRUCTION
-Y3- STA 13+15.00

GENERAL ELECTRIC COMPANY
DB 3281PG 225
BST

JACK EDWAR
DB 3137 PG

ARGOS USA LLC

N 71°09'40" W