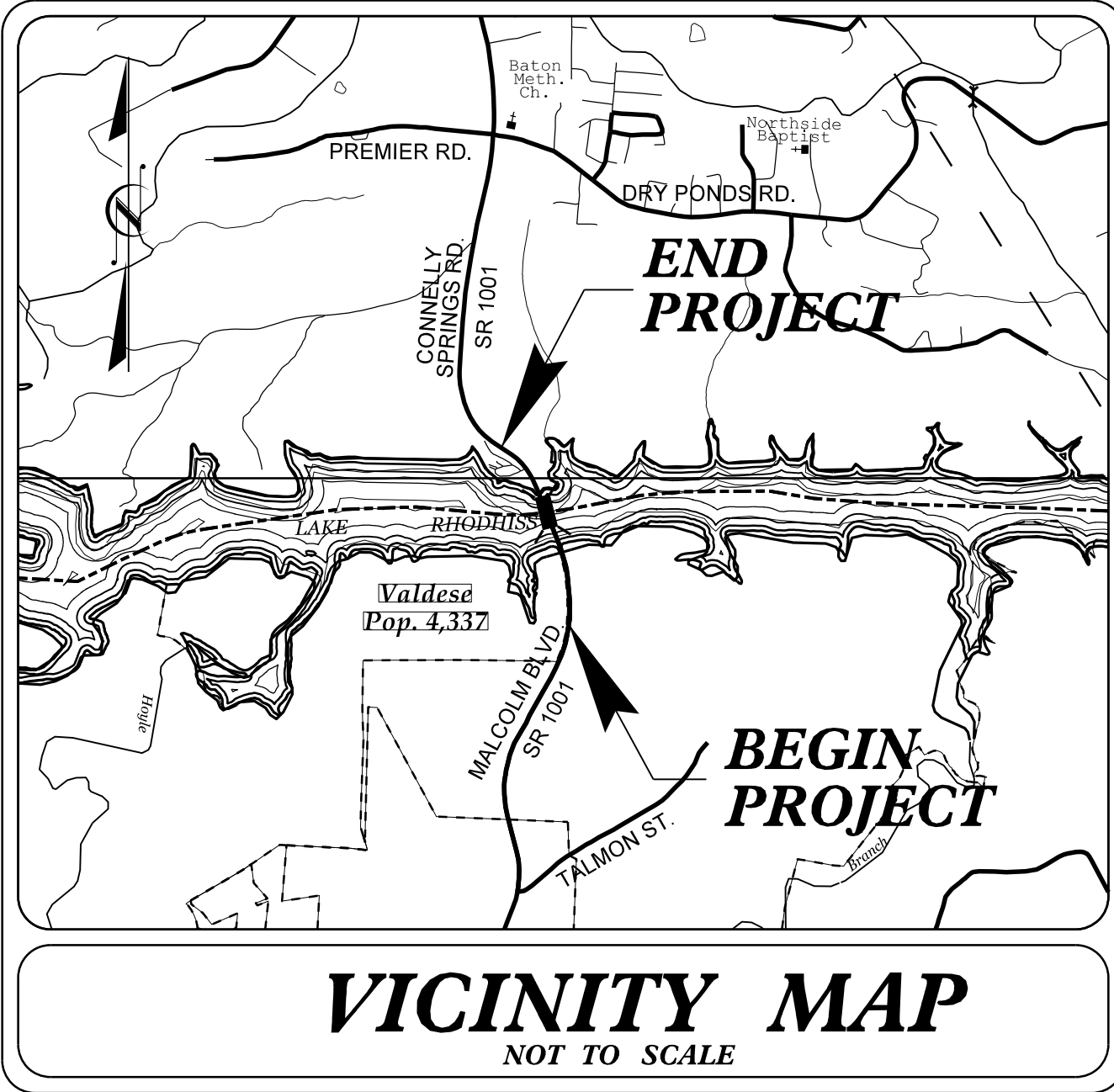


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Adam Davis AT-R3430B

TIP PROJECT: R-3430B



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

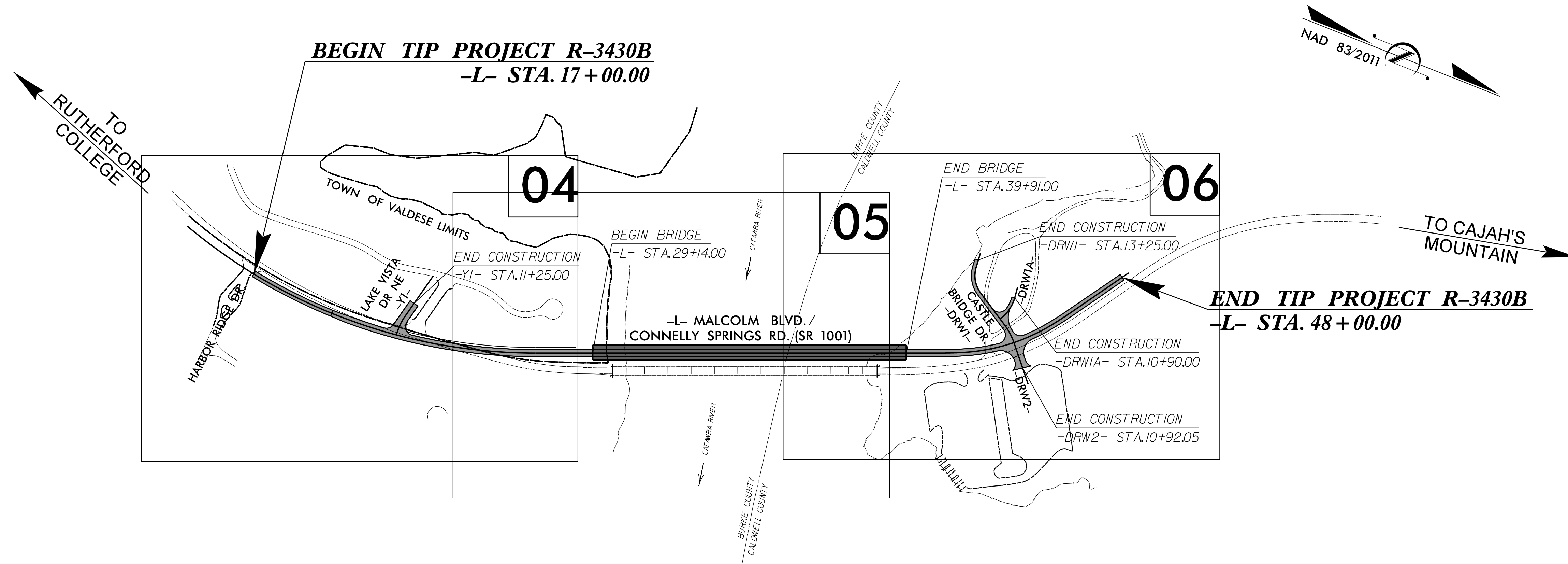
BURKE/CALDWELL COUNTY

PLAN FOR PROPOSED HIGHWAY EROSION CONTROL

**LOCATION: BRIDGE #110010 OVER CATAWBA RIVER ON
SR-1001 (CONNELLY SPRINGS RD)**

**TYPE OF WORK: GRADING, PAVING, DRAINAGE
& STRUCTURES**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-3430B	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34544.1.2	N/A	P.E.	



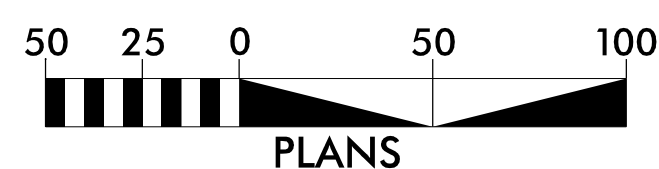
THIS PROJECT CONTAINS
EROSION CONTROL PLANS
FOR CLEARING AND
GRUBBING PHASE OF
CONSTRUCTION.

ENVIRONMENTALLY
SENSITIVE AREA(S) EXIST
ON THIS PROJECT

Refer To E. C. Special Provisions
for Special Considerations.

THIS PROJECT HAS
BEEN DESIGNED TO
SENSITIVE WATERSHED
STANDARDS.

GRAPHIC SCALE



THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY
WITH THE REGULATIONS SET FORTH BY THE NCG 010000 GENERAL
STORMWATER CONSTRUCTION PERMIT ISSUED BY THE NORTH
CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION
OF ENERGY, MINERAL, AND LAND RESOURCES.



Prepared in the Office of:

DRMP, INC.

5808 FARINGDON PLACE
RALEIGH, NORTH CAROLINA 27609
(919) 872-5115
NC LICENSE NO. F-1524

Designed by:

ADAM J. DAVIS, P.E.

NAME

4111

LEVEL III CERTIFICATION NO.

Roadway Standard Drawings

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.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

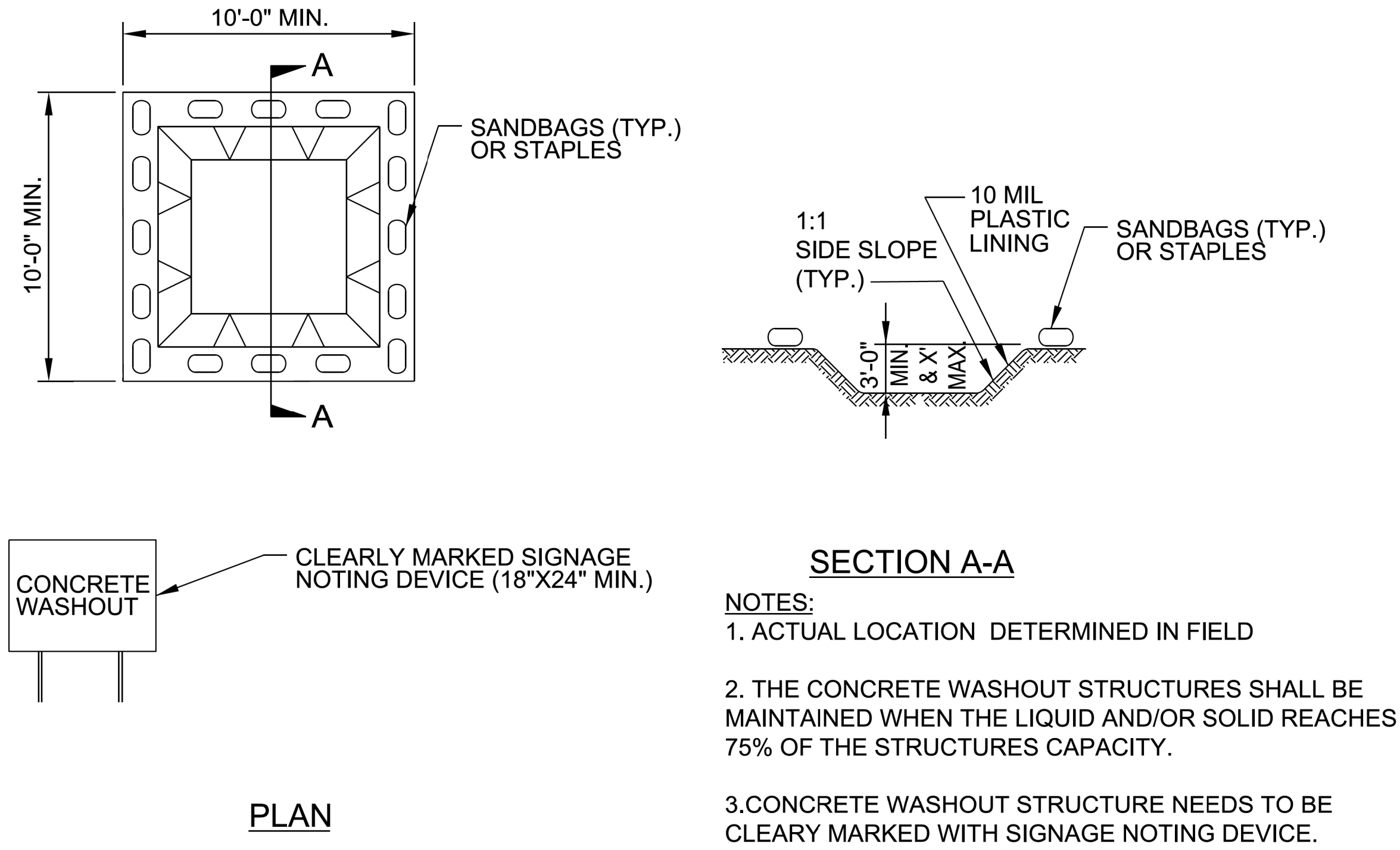
PROJECT REFERENCE NO.	SHEET NO.
R-3430B	EC-2
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

EROSION & SEDIMENT CONTROL LEGEND

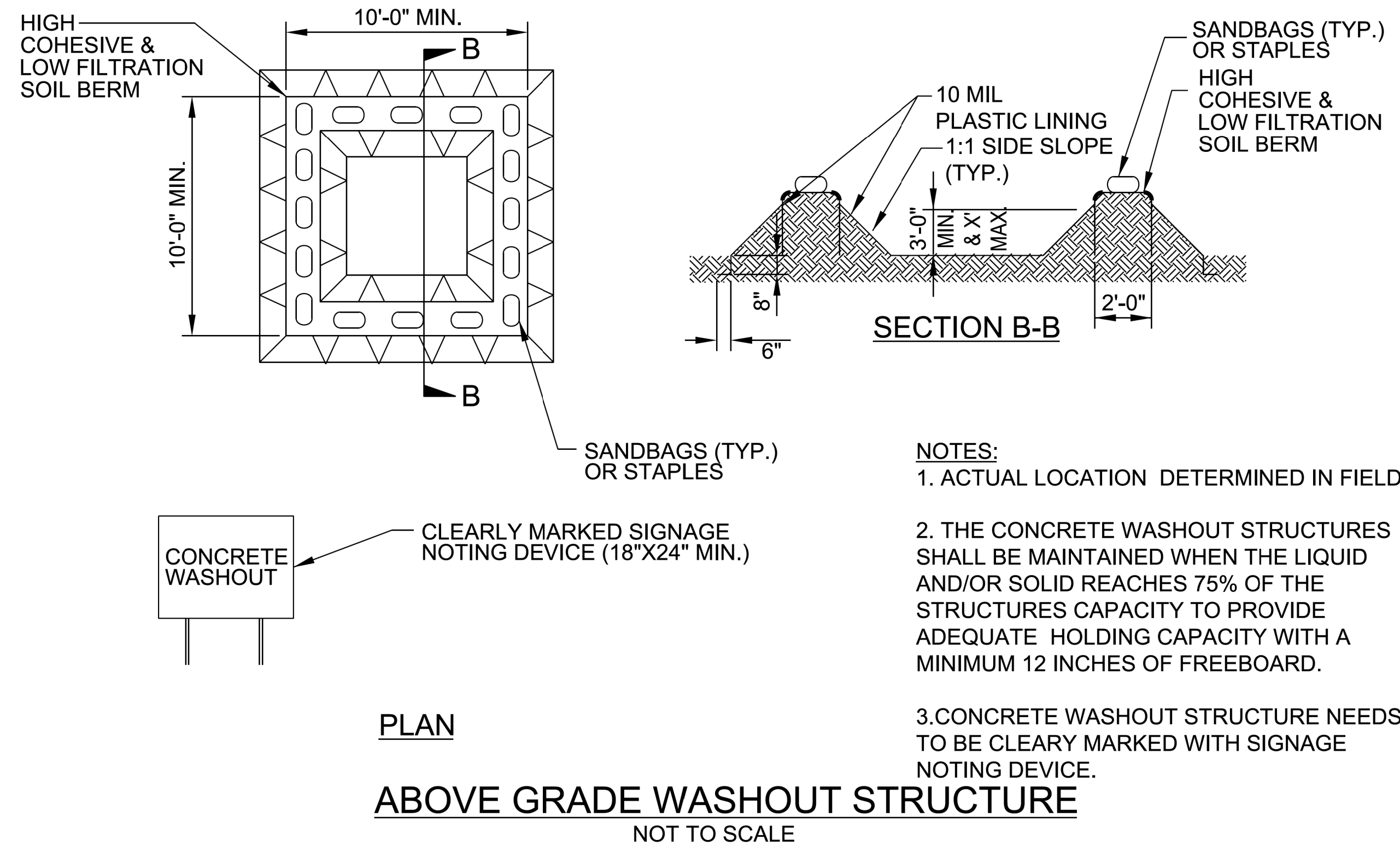
Std. #	Description	Symbol	Std. #	Description	Symbol
1605.01	Temporary Silt Fence		1633.01	Temporary Rock Silt Check Type A	
1606.01	Special Sediment Control Fence		1633.02	Temporary Rock Silt Check Type B	
1622.01	Temporary Berms and Slope Drains		1633.03	Temporary Rock Silt Check Type A with Excelsior 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				
1632.02	Type B		1636.03	Excelsior Wattle Barrier	
1632.03	Type C		1636.03	Coir Fiber Wattle Barrier	

PROJECT REFERENCE NO.	SHEET NO.
R-3430B	EC-2A
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

ONSITE CONCRETE WASHOUT
STRUCTURE WITH LINER



BELOW GRADE WASHOUT STRUCTURE
NOT TO SCALE



SOIL STABILIZATION SUMMARY SHEET

MATTING FOR EROSION CONTROL (EXCELSIOR)

MATTING FOR EROSION CONTROL (STRAW)

[illegible]

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

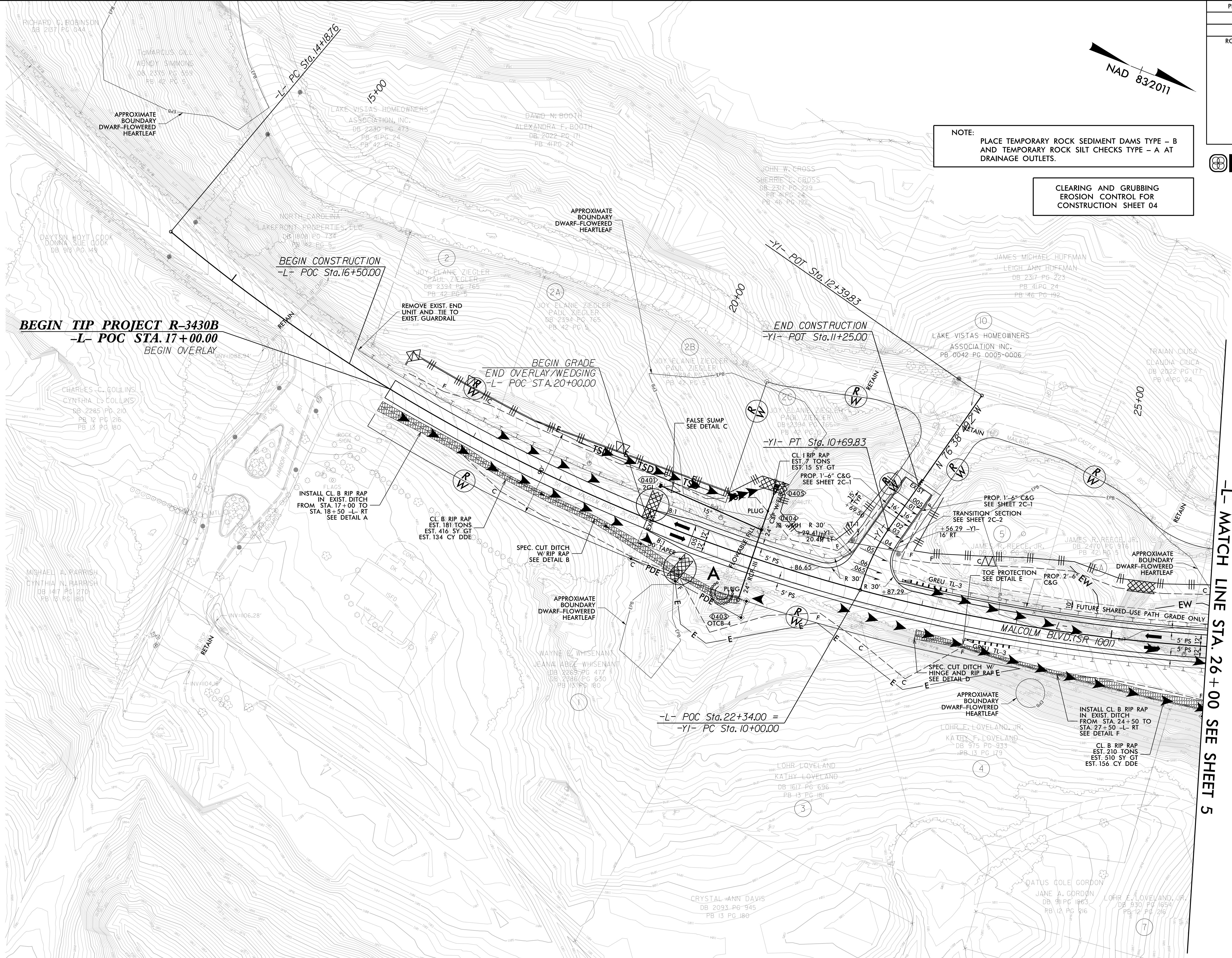
PROJECT REFERENCE NO.	SHEET NO.
R-3430B	EC-3A
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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

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Adam Davis



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

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 04

PROJECT REFERENCE NO.		SHEET NO.	
R-3430B		EC-04/CONST. 04	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

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DRMP, INC.
5808 FARMINGTON PLACE
RALEIGH, NORTH CAROLINA 27609
919.822.1119
NC LICENSE NO. F-1524

-L- MATCH LINE STA. 26+00 SEE SHEET 5

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

NAD 83/2011



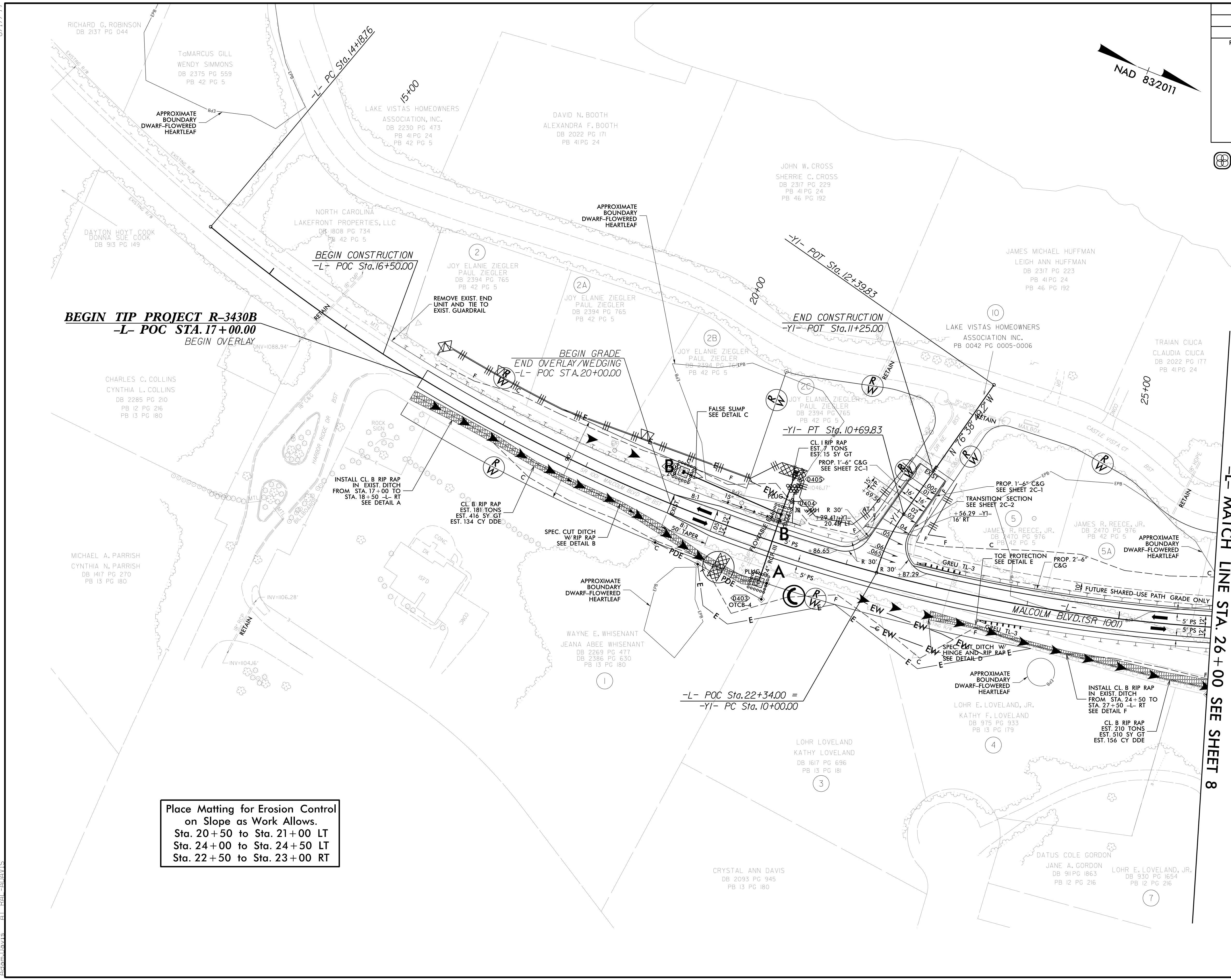
83 x 33 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
14 ft. weir
5.1 B

8/17/99

PROJECT REFERENCE NO.		SHEET NO.	
R-3430B		EC-07/CONST.04	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

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919.822.1119
NC LICENSE NO. F-1524



Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 20+50 to Sta. 21+00 LT
Sta. 24+00 to Sta. 24+50 LT
Sta. 22+50 to Sta. 23+00 RT

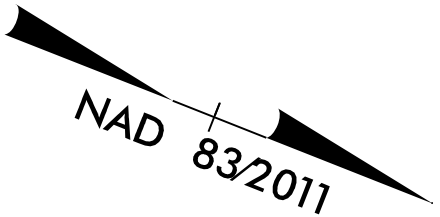
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Adam Davis

8/17/99

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Adam Davis
AT RAJ-ADAVIS

PROJECT REFERENCE NO.		SHEET NO.	
R-3430B		EC-08/CONST.05	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

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DRMP, INC.
5808 FARMINGTON PLACE
RALEIGH, NORTH CAROLINA 27609
(919) 822-1119
NC LICENSE NO. P-1524



Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 26+50 to Sta. 28+50 LT

