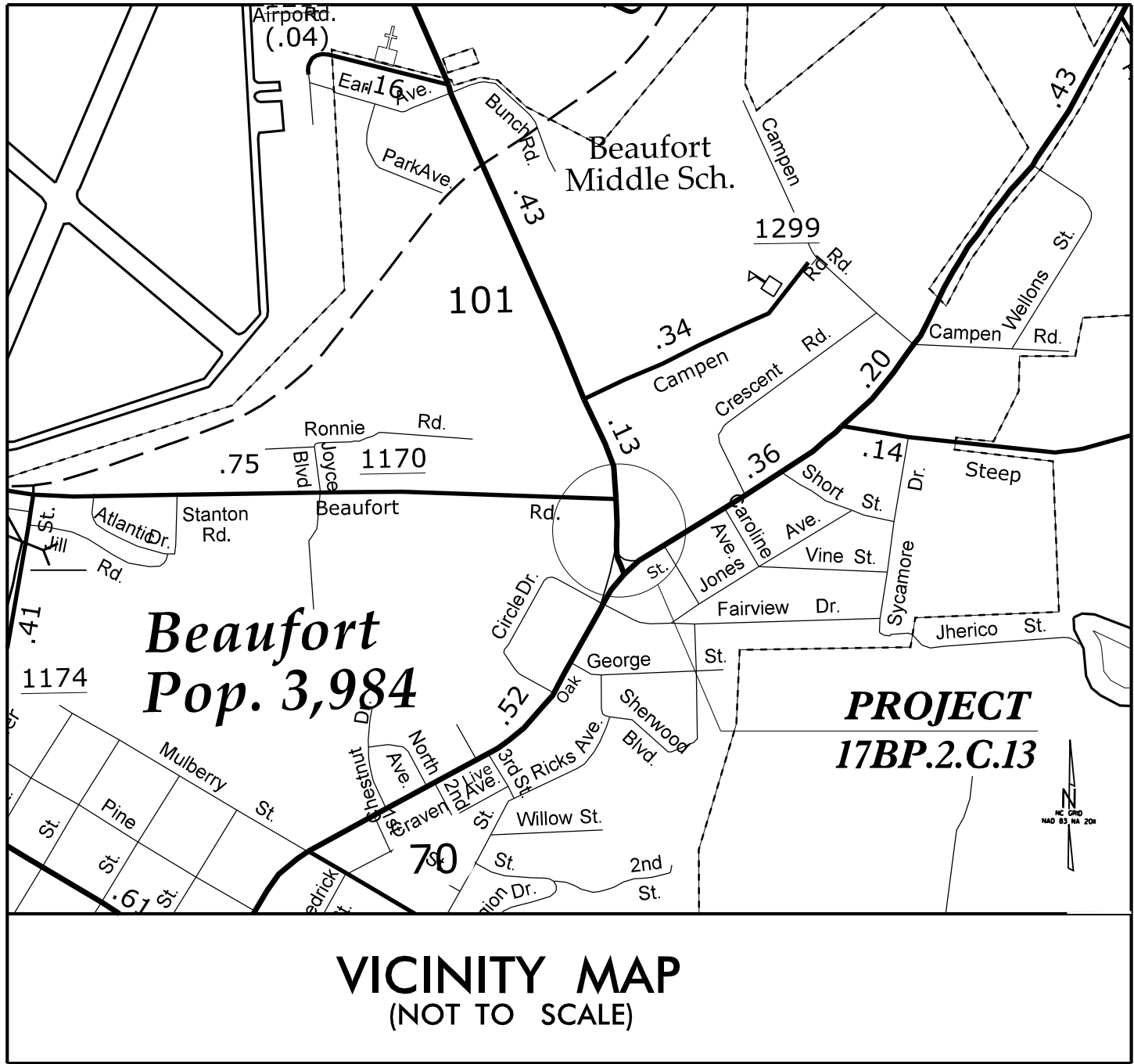
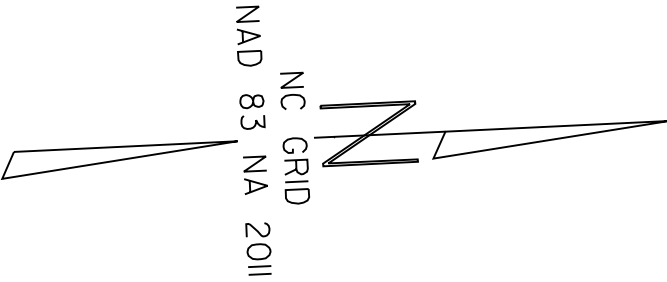


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	17BP.2.C.13	EC1	4
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
17BP.2.C.13			



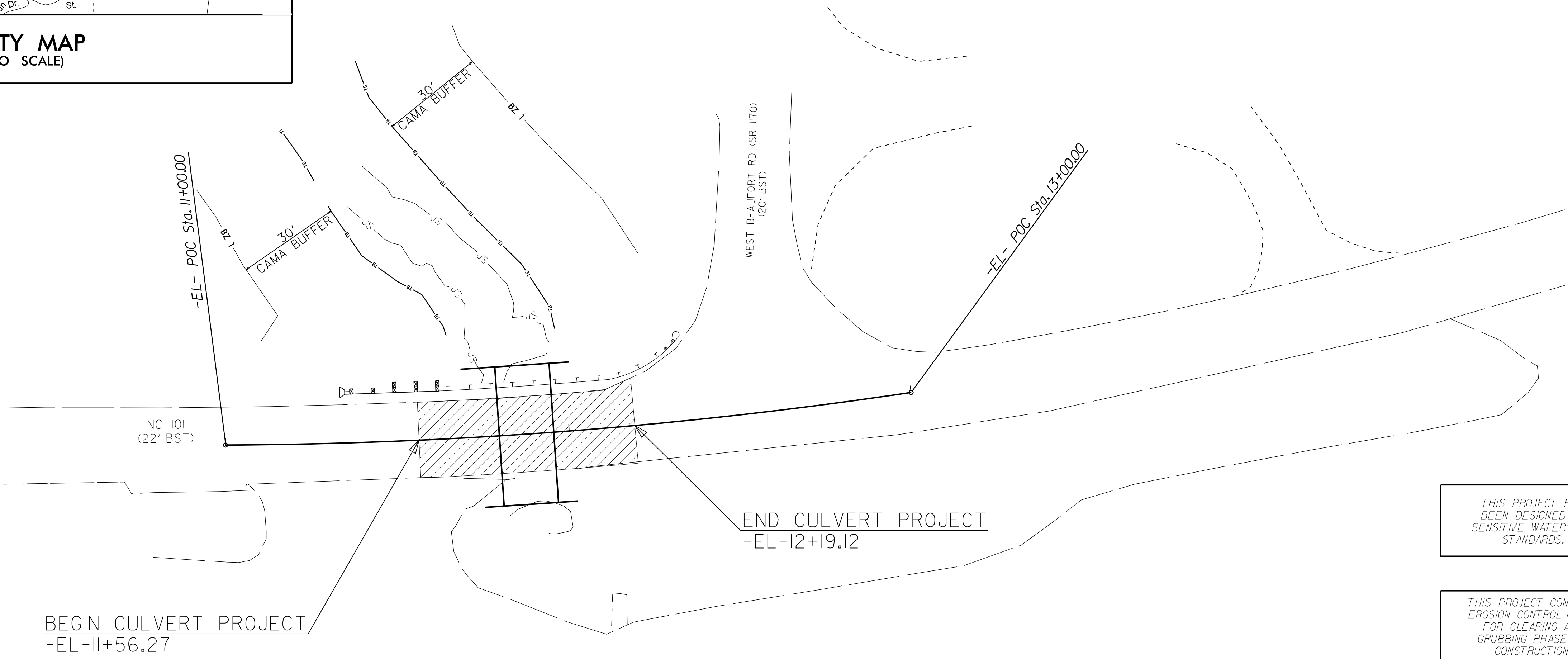
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

CARTERET COUNTY

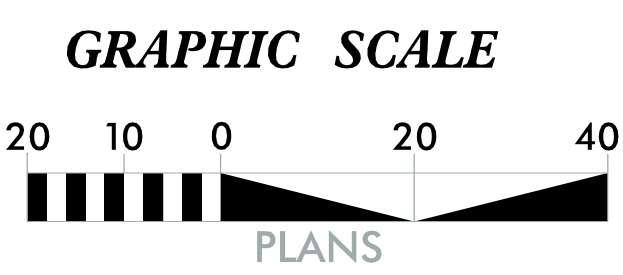
LOCATION: REPLACE 4'X2' RCBC AND 18" RCP
WITH A 15'-10"X3'-6" ALUMINUM BOX CULVERT
ON NC 101 +/- 50' SOUTH OF SR 1170 (WEST BEAUFORT RD.)
AND 400' NORTH OF US 70 IN BEAUFORT, NC

TYPE OF WORK: GRADING, PAVING AND CULVERT



THIS PROJECT HAS
BEEN DESIGNED TO
SENSITIVE WATERSHED
STANDARDS.

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



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:
DIVISION OF HIGHWAYS
11037 WH SMITH BLVD.
GREENVILLE, NC 27834

2024 STANDARD SPECIFICATIONS

Designed by:
RICH GODLEY 3559
NAME 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

EROSION & SEDIMENT CONTROL LEGEND

Std. #	Description	Symbol
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.02	Silt Basin Type B	
1630.03	Temporary Silt Ditch	
1630.04	Stilling Basin	
1630.05	Temporary Diversion	
1630.06	Special Stilling Basin	
1630.07	Skimmer Basin	
1630.08	Tiered Skimmer Basin	
1630.09	Earthen Dam with Skimmer	
	Infiltration Basin	
	Rock Inlet Sediment Trap:	
1632.01	Type A	
1632.02	Type B	
1632.03	Type C	

Std. #	Description	Symbol
1633.01	Temporary Rock Silt Check Type A	
1633.02	Temporary Rock Silt Check Type B	
1633.03	Temporary Rock Silt Check Type A with Excelsior Matting and Flocculant	
1634.01	Temporary Rock Sediment Dam Type A	
1634.02	Temporary Rock Sediment Dam Type B	
1635.01	Rock Pipe Inlet Sediment Trap Type A	
1635.02	Rock Pipe Inlet Sediment Trap Type B	
1636.01	Excelsior Wattle Check	
1636.01	Excelsior Wattle Check with Flocculant	
1636.01	Coir Fiber Wattle Check	
1636.01	Coir Fiber Wattle Check with Flocculant	
1636.02	Silt Fence Excelsior Wattle Break	
	Silt Fence Coir Fiber Wattle Break	
1636.03	Excelsior Wattle Barrier	
1636.03	Coir Fiber Wattle Barrier	

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

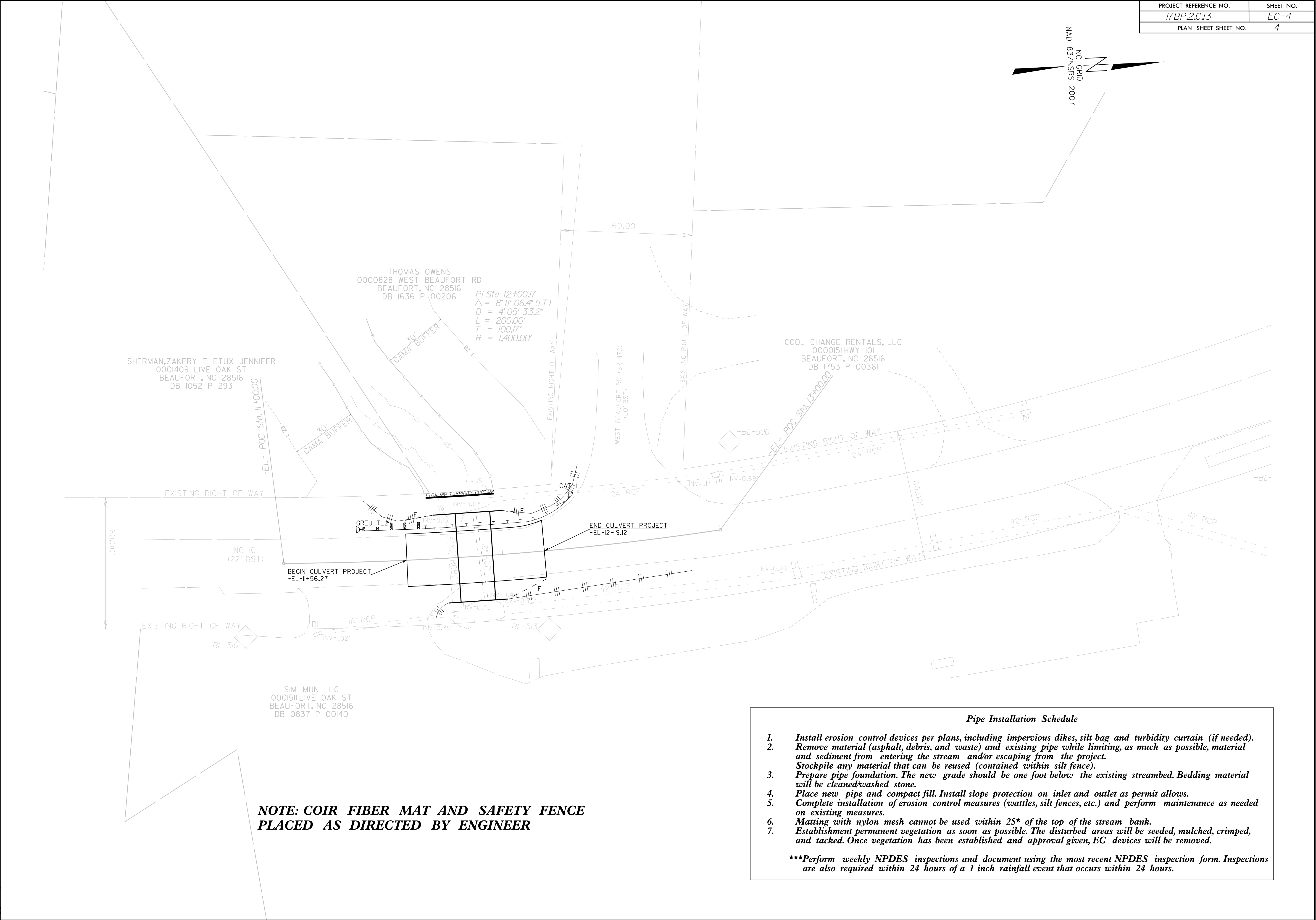
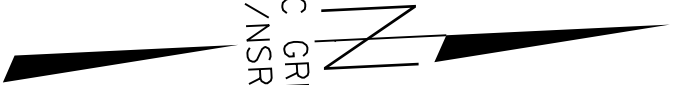
SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 TO 4:1	14 DAYS	7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

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REVISIONS

NC GRID
NAD 83/NSRS 2007



**NOTE: COIR FIBER MAT AND SAFETY FENCE
PLACED AS DIRECTED BY ENGINEER**

Pipe Installation Schedule

1. Install erosion control devices per plans, including impervious dikes, silt bag and turbidity curtain (if needed).
2. Remove material (asphalt, debris, and waste) and existing pipe while limiting, as much as possible, material and sediment from entering the stream and/or escaping from the project. Stockpile any material that can be reused (contained within silt fence).
3. Prepare pipe foundation. The new grade should be one foot below the existing streambed. Bedding material will be cleaned/washed stone.
4. Place new pipe and compact fill. Install slope protection on inlet and outlet as permit allows.
5. Complete installation of erosion control measures (wattles, silt fences, etc.) and perform maintenance as needed on existing measures.
6. Matting with nylon mesh cannot be used within 25' of the top of the stream bank.
7. Establishment permanent vegetation as soon as possible. The disturbed areas will be seeded, mulched, crimped, and tacked. Once vegetation has been established and approval given, EC devices will be removed.

***Perform weekly NPDES inspections and document using the most recent NPDES inspection form. Inspections are also required within 24 hours of a 1 inch rainfall event that occurs within 24 hours.

REVISIONS

8/17/99

STD...Central Let\101070pipe.psh ec4.dgn

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