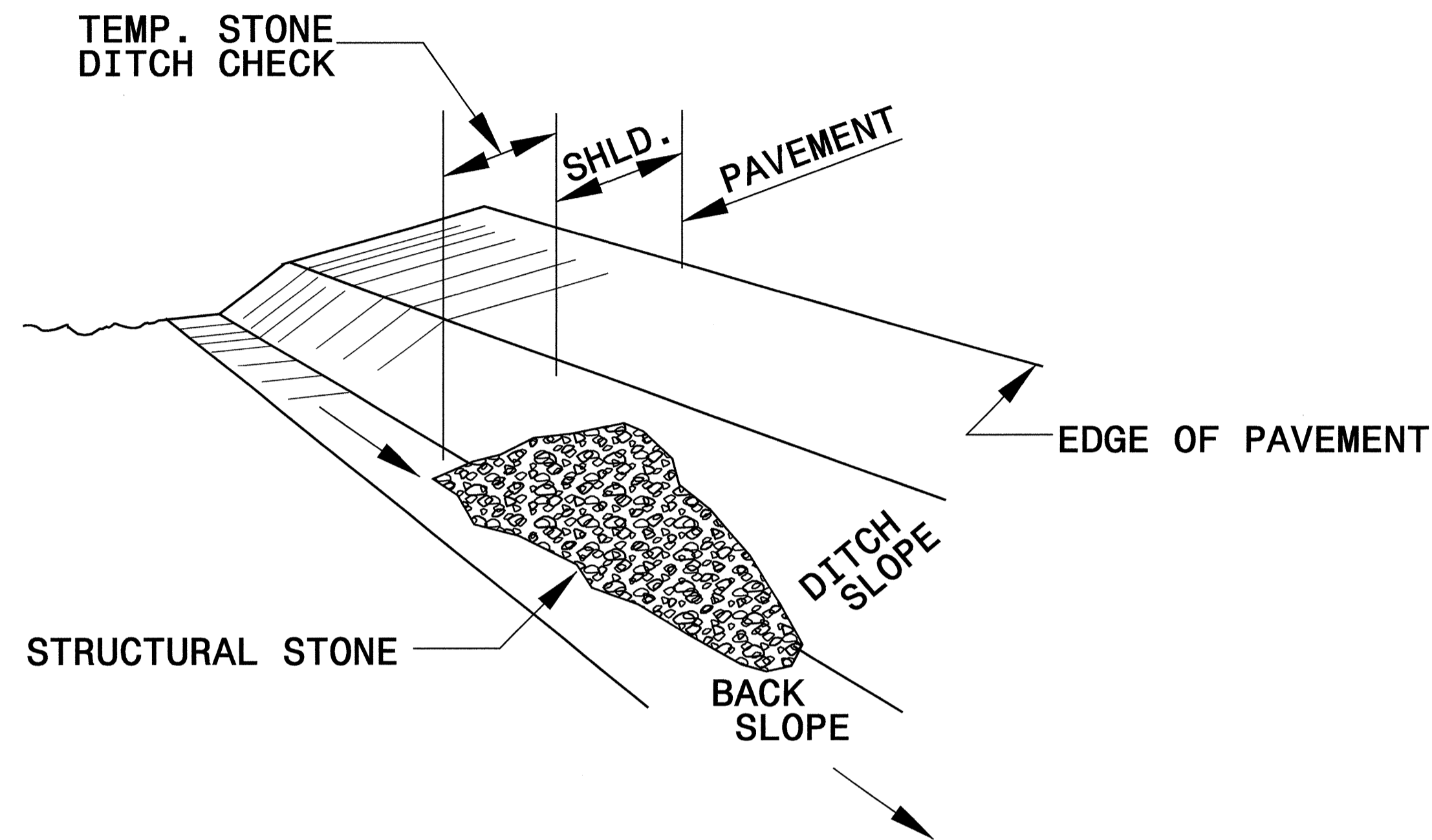




PROJECT REFERENCE NO. B-4330	SHEET NO. EC-2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

# TEMPORARY ROCK SILT CHECK TYPE 'B' DETAIL

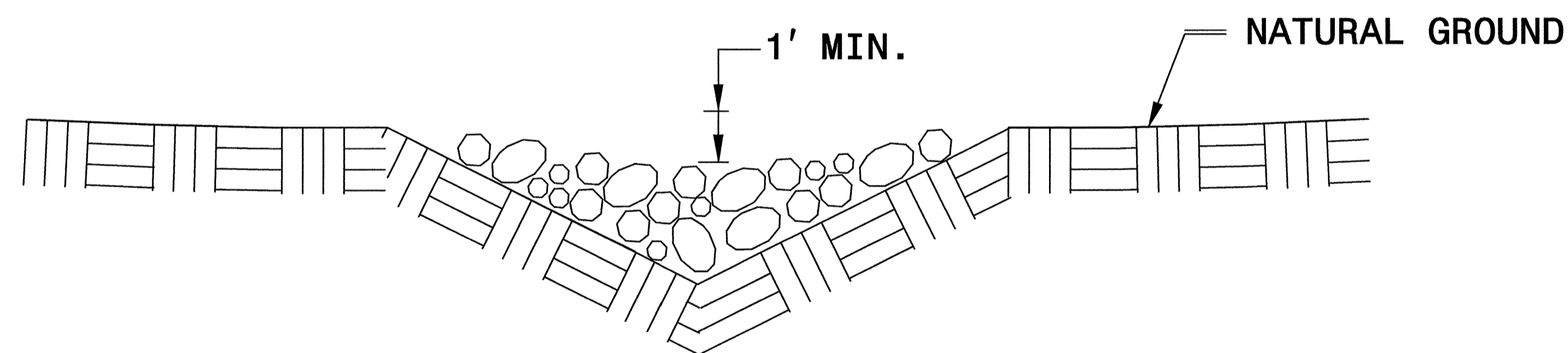


**ISOMETRIC VIEW**

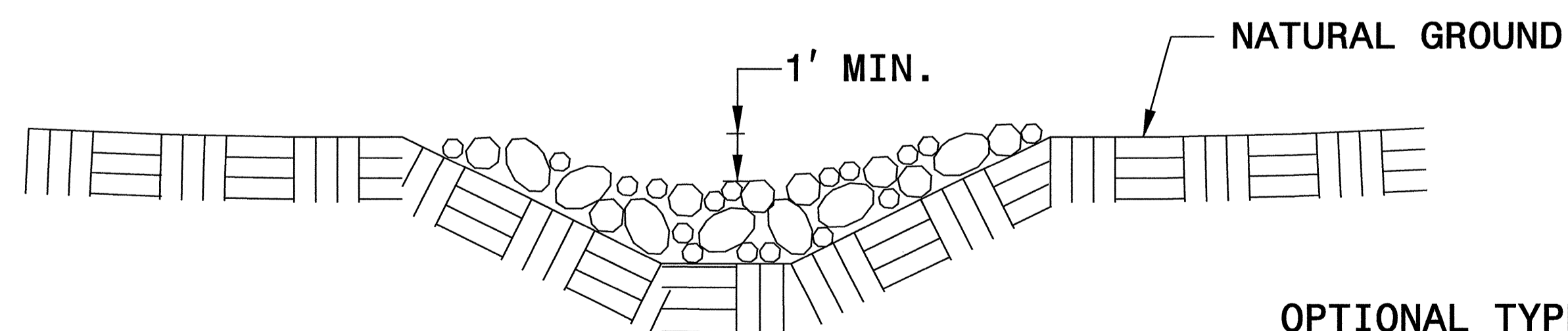
**NOTES:**

USE CLASS 'B' EROSION CONTROL STONE FOR STRUCTURAL STONE.

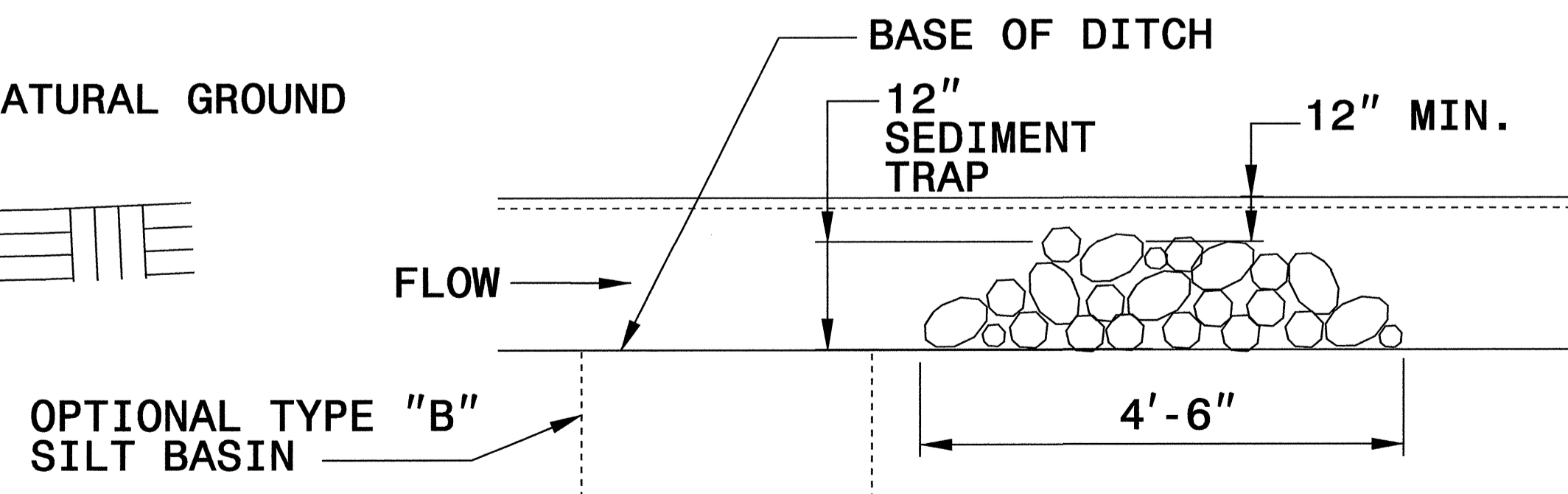
THE ENGINEER MAY DIRECT THE OPTION OF CLASS "A" STONE FOR SITES HAVING LESS THAN ONE (1) ACRE DRAINAGE AREA AND A DITCH GRADE LESS THAN 3%.



**CROSS SECTION VEE DITCH**



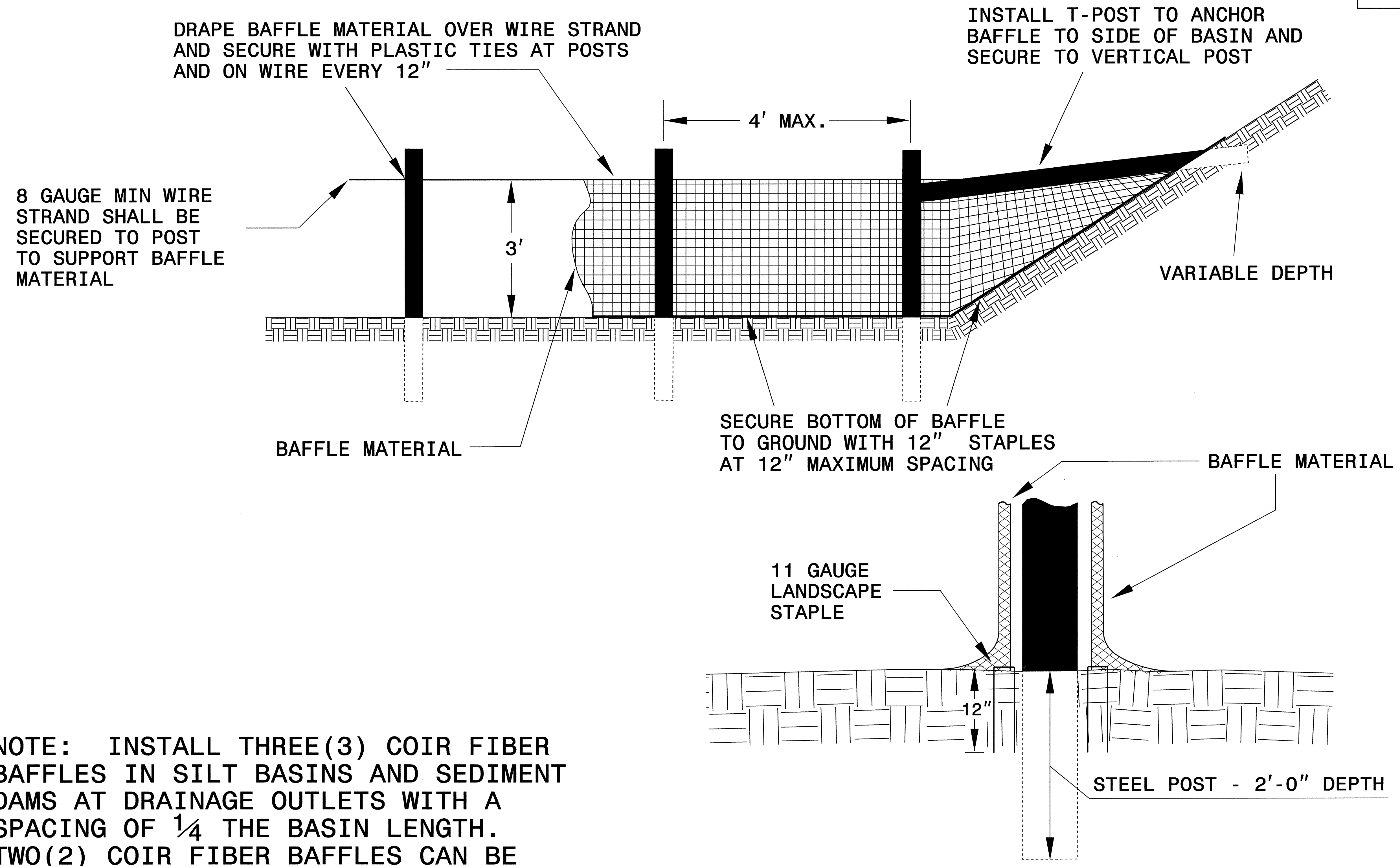
**CROSS SECTION TRAPEZOIDAL DITCH**



**ELEVATION VIEW**

PROJECT REFERENCE NO. B-4330	SHEET NO. EC-2A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

# COIR FIBER BAFFLE DETAIL



NOTE: INSTALL THREE(3) COIR FIBER BAFFLES IN SILT BASINS AND SEDIMENT DAMS AT DRAINAGE OUTLETS WITH A SPACING OF  $\frac{1}{4}$  THE BASIN LENGTH. TWO(2) COIR FIBER BAFFLES CAN BE INSTALLED IN SILT BASINS AND DAMS LESS THAN 20 FT. IN LENGTH WITH A SPACING OF  $\frac{1}{3}$  THE BASIN LENGTH.

BAFFLE MATERIAL SHALL BE SECURED TO THE BOTTOM AND SIDES OF BASIN USING 12" LANDSCAPE STAPLES



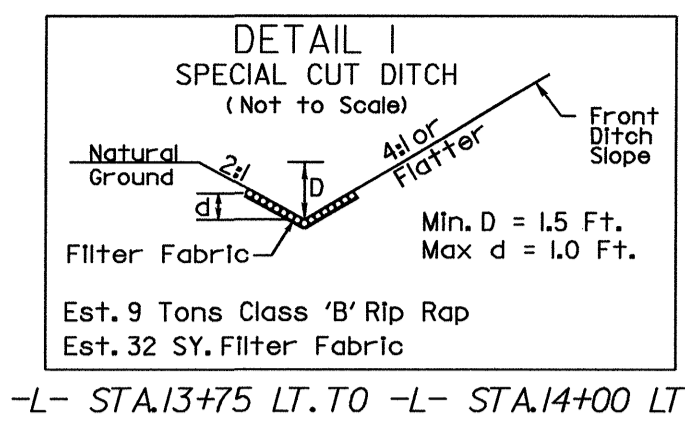
**CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 4**

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

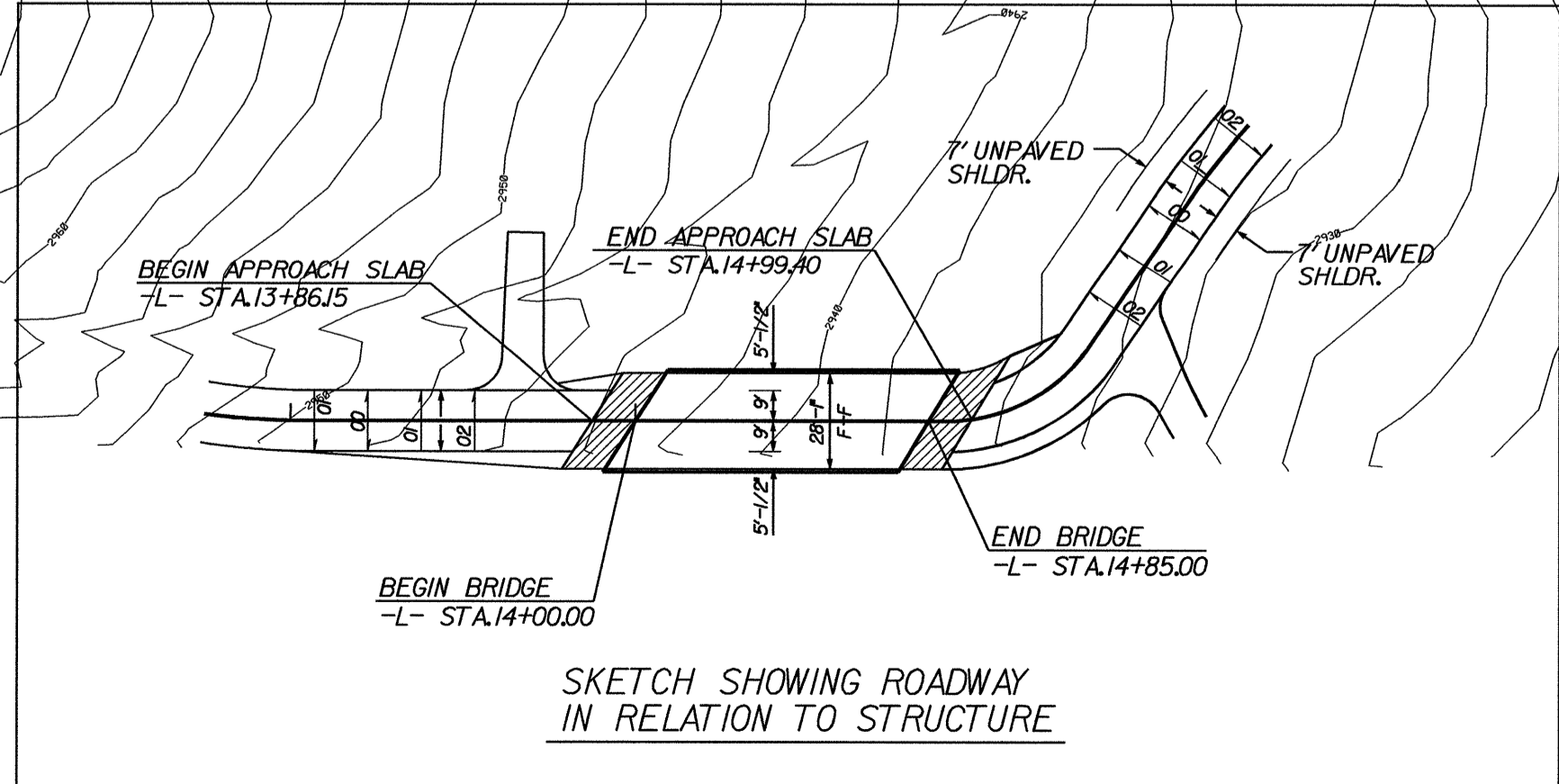
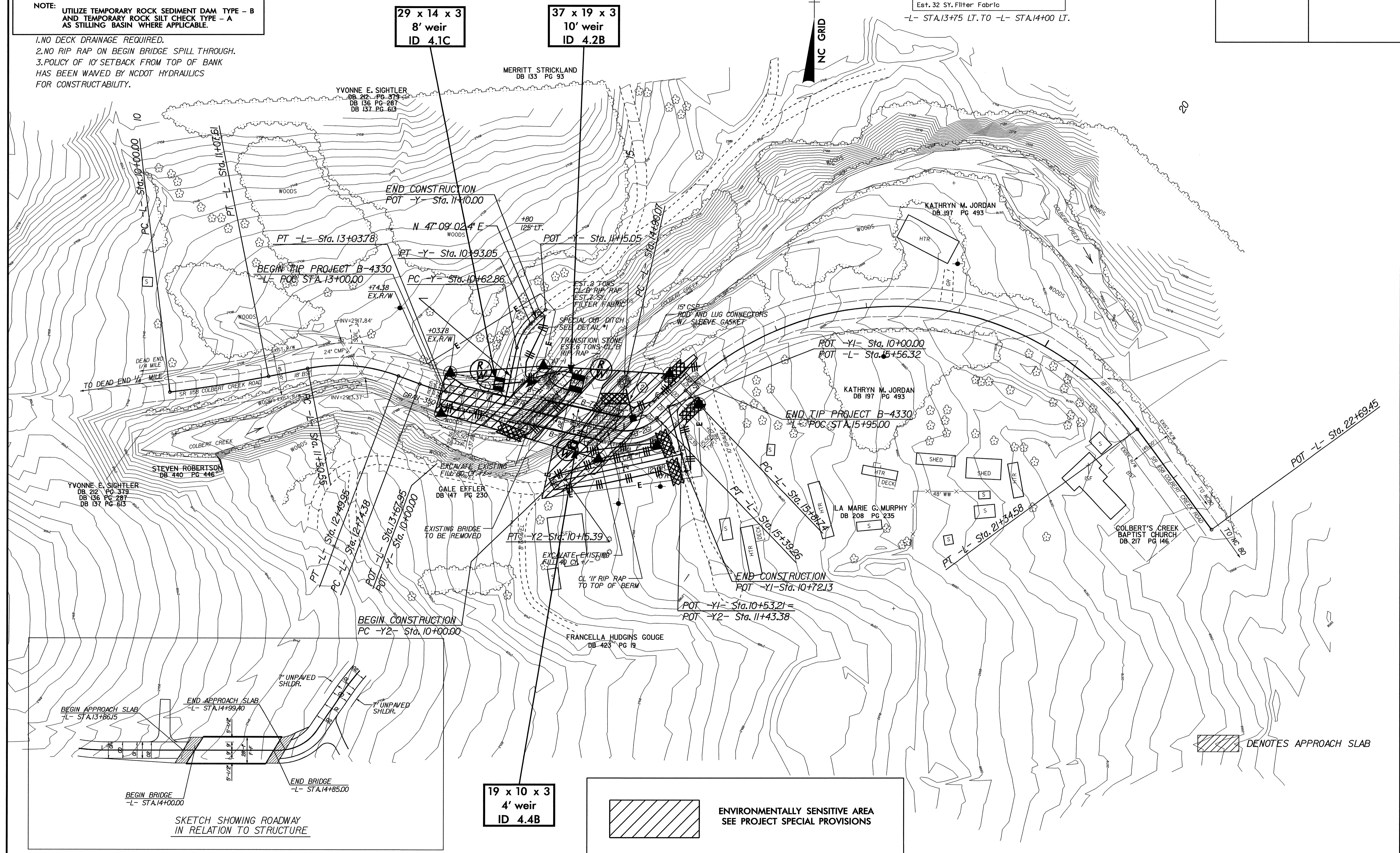
**NOTE:**  
UTILIZE TEMPORARY ROCK SEDIMENT DAM TYPE - B  
AND TEMPORARY ROCK SILT CHECK TYPE - A  
AS STILLING BASIN WHERE APPLICABLE.

1. NO DECK DRAINAGE REQUIRED.
2. NO RIP RAP ON BEGIN BRIDGE SPILL THROUGH.
3. POLICY OF 10' SETBACK FROM TOP OF BANK  
HAS BEEN WAIVED BY NCDOT HYDRAULICS  
FOR CONSTRUCTABILITY.

PROJECT REFERENCE NO. B-4330	SHEET NO. EC-4/CONST.4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



NAD 83  
NC GRID



**19 x 10 x 3  
4' weir  
ID 4.4B**

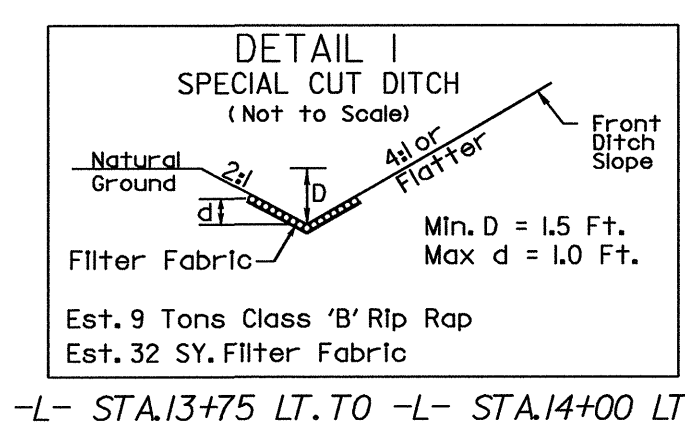
ENVIRONMENTALLY SENSITIVE AREA  
SEE PROJECT SPECIAL PROVISIONS

DENOTES APPROACH SLAB

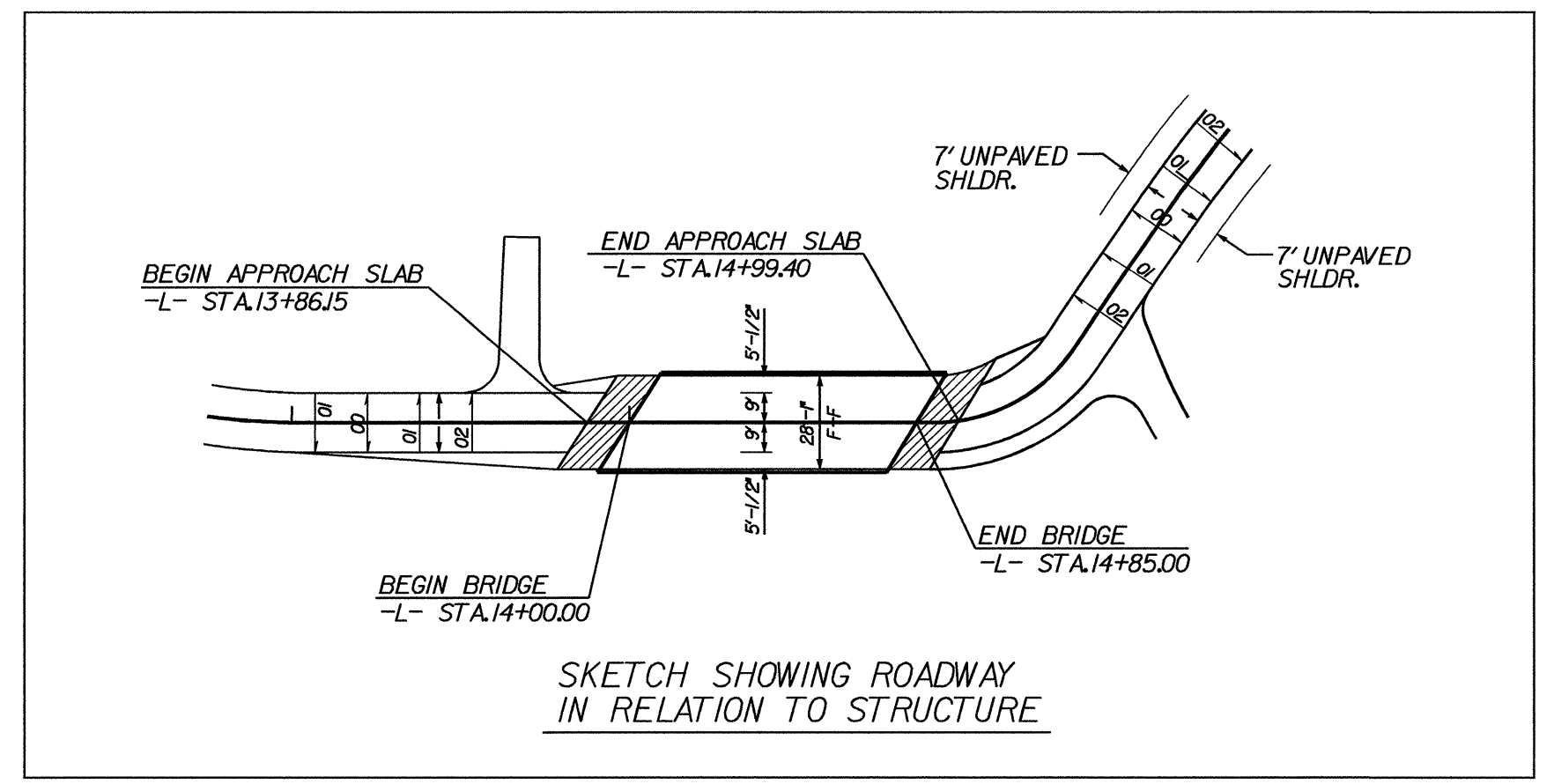
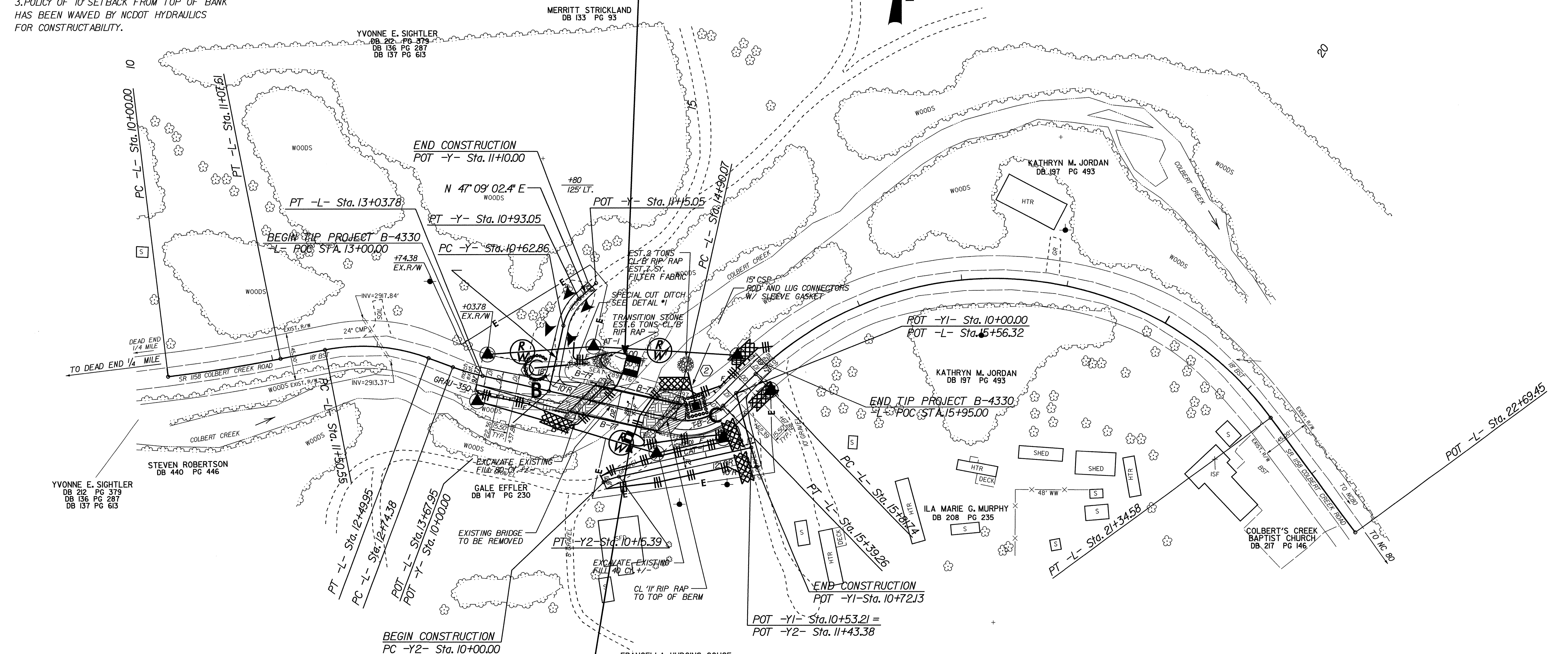
PROJECT REFERENCE NO. B-4330	SHEET NO. EC-5/CONST.4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**NOTE:** UTILIZE TEMPORARY ROCK SEDIMENT DAM TYPE - B AND TEMPORARY ROCK SILT CHECK TYPE - A AS STILLING BASIN WHERE APPLICABLE.

1. NO DECK DRAINAGE REQUIRED.
2. NO RIP RAP ON BEGIN BRIDGE SPILL THROUGH.
3. POLICY OF 10' SETBACK FROM TOP OF BANK HAS BEEN WAVED BY NCDOT HYDRAULICS FOR CONSTRUCTABILITY.



NAD 83  
NC GRID



DENOTES APPROACH SLAB