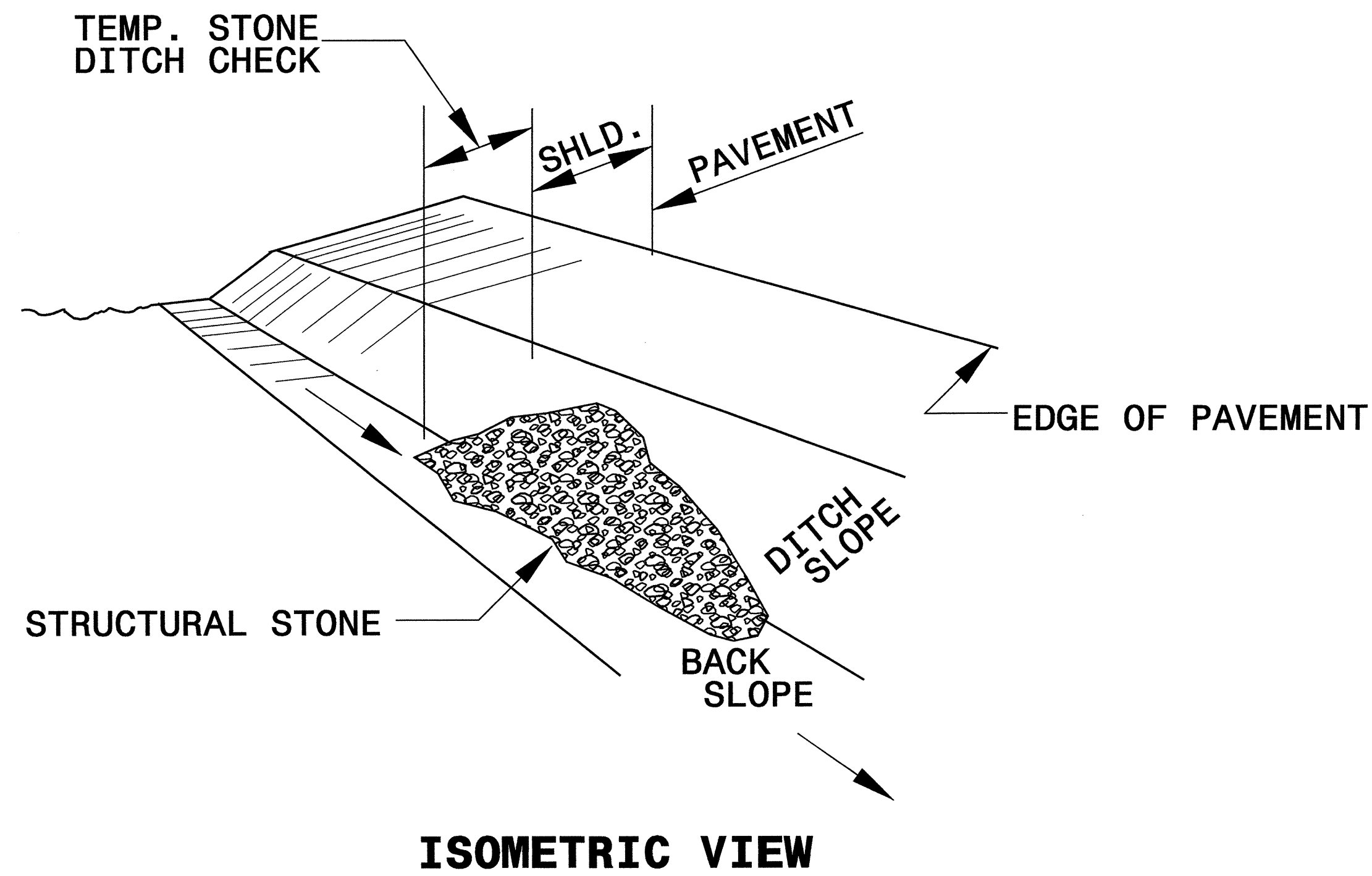


PROJECT REFERENCE NO. <i>B-4301</i>	SHEET NO. <i>EC-2</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

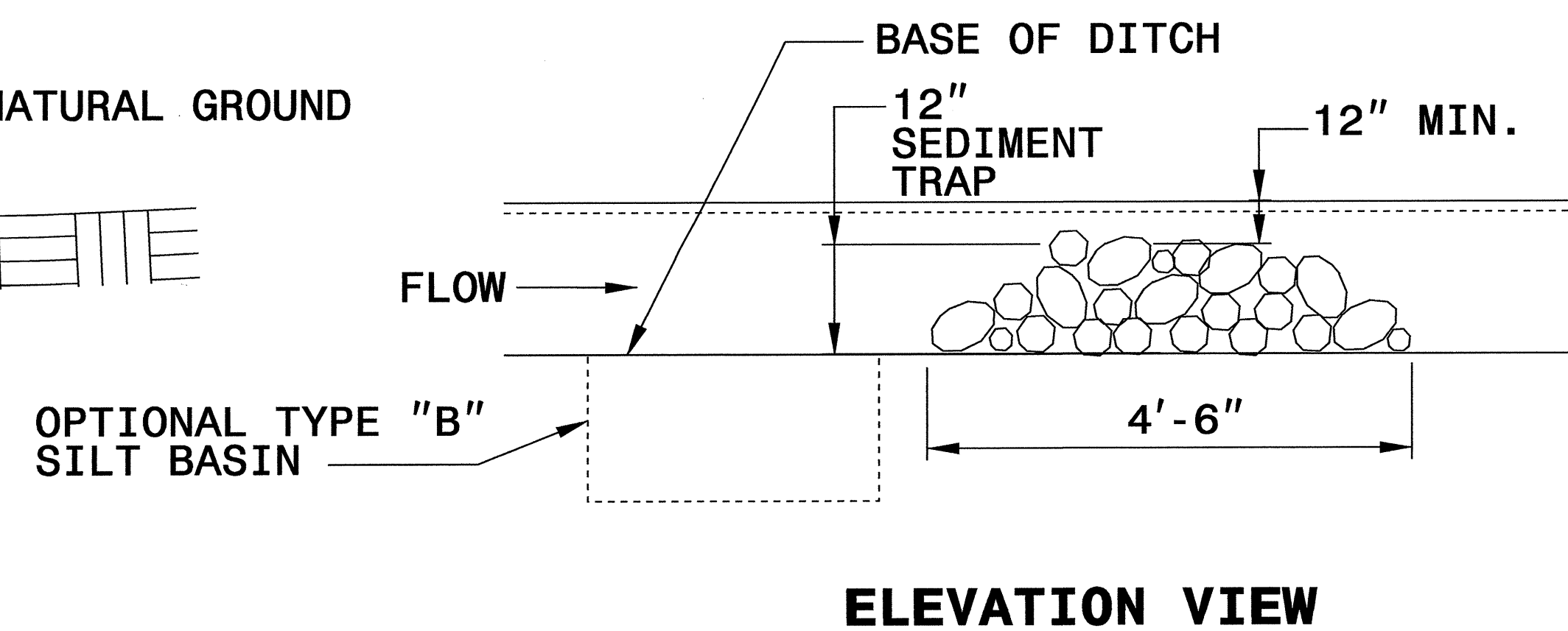
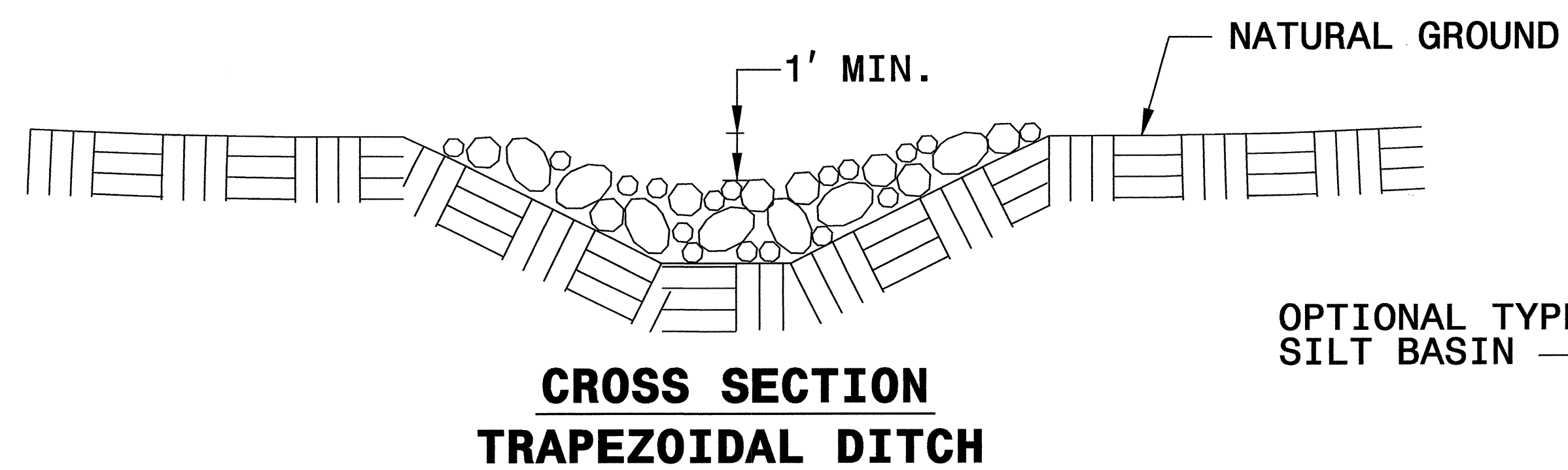
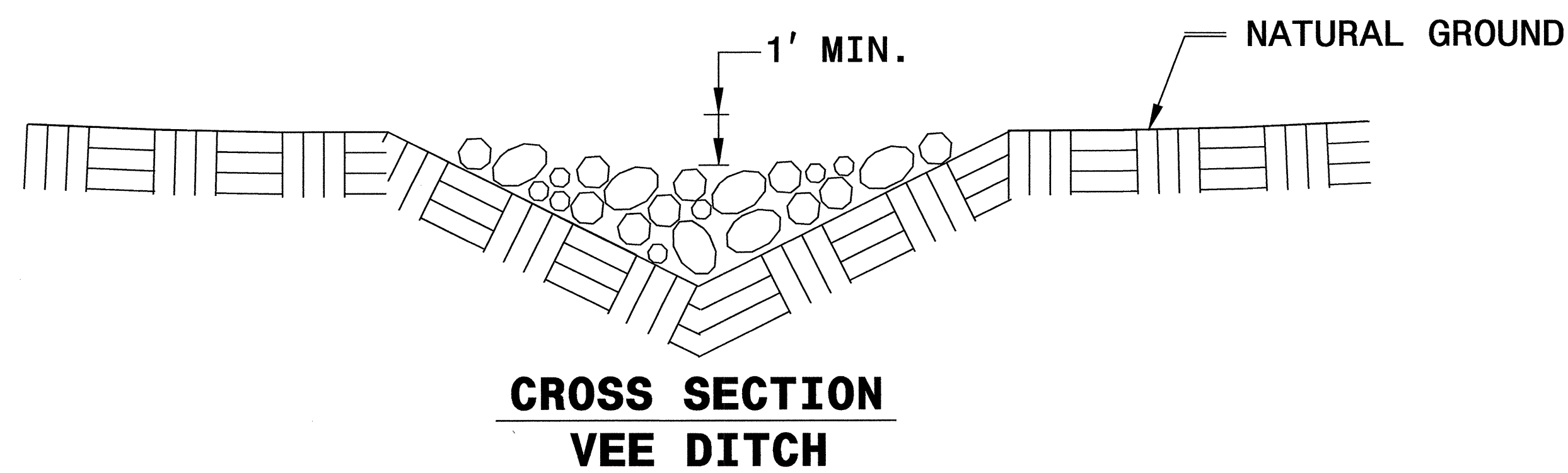
TEMPORARY ROCK SILT CHECK TYPE 'B' DETAIL



NOTES:

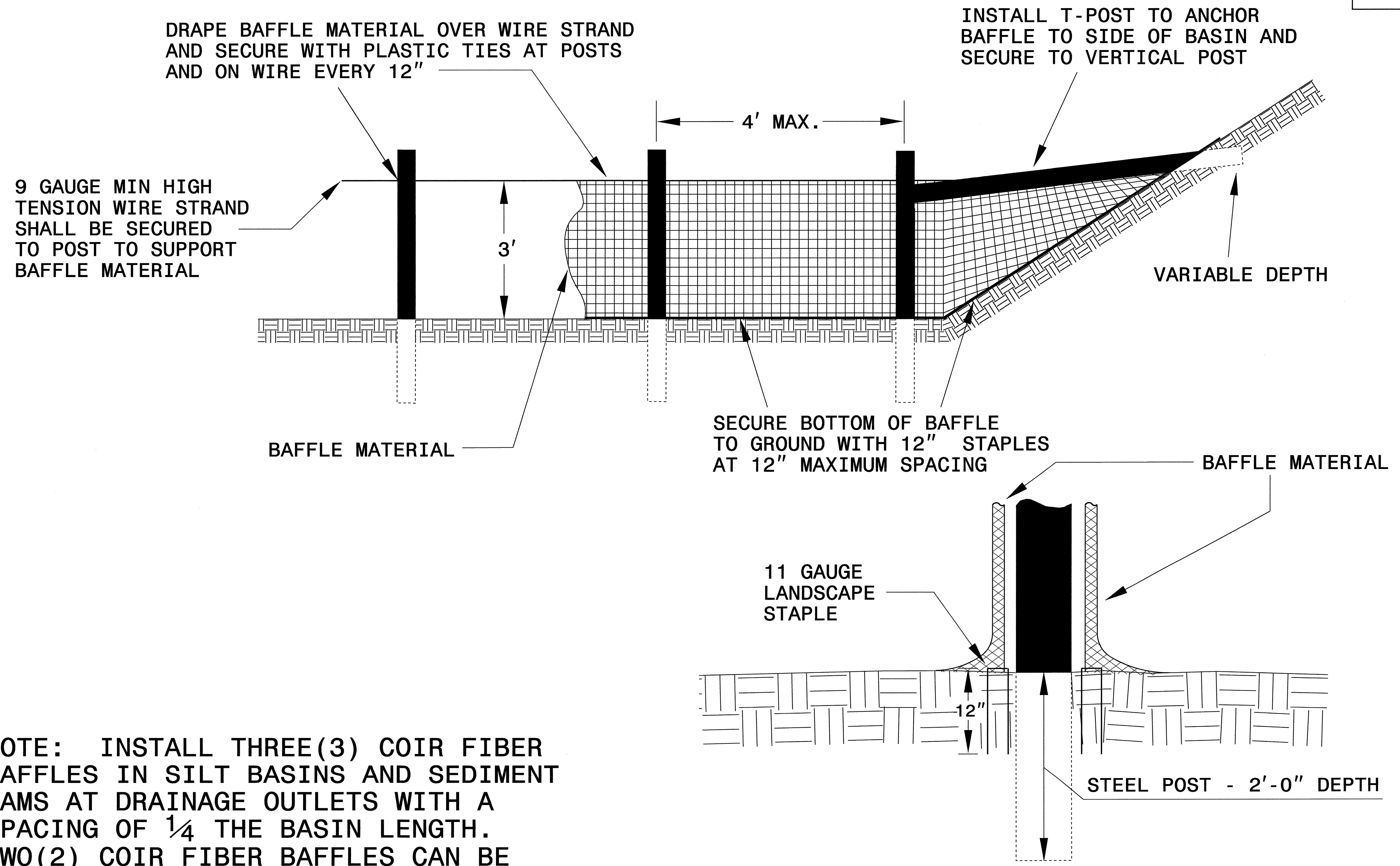
USE CLASS 'B' EROSION CONTROL STONE FOR STRUCTURAL STONE.

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%.



PROJECT REFERENCE NO. B-4301	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

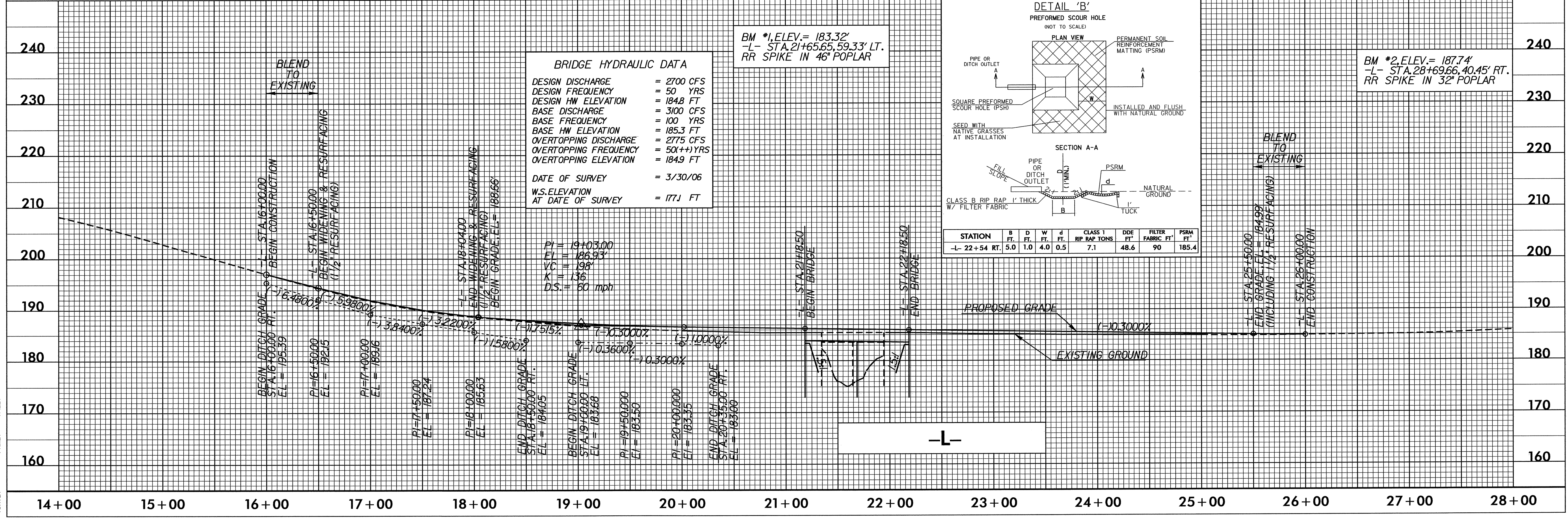
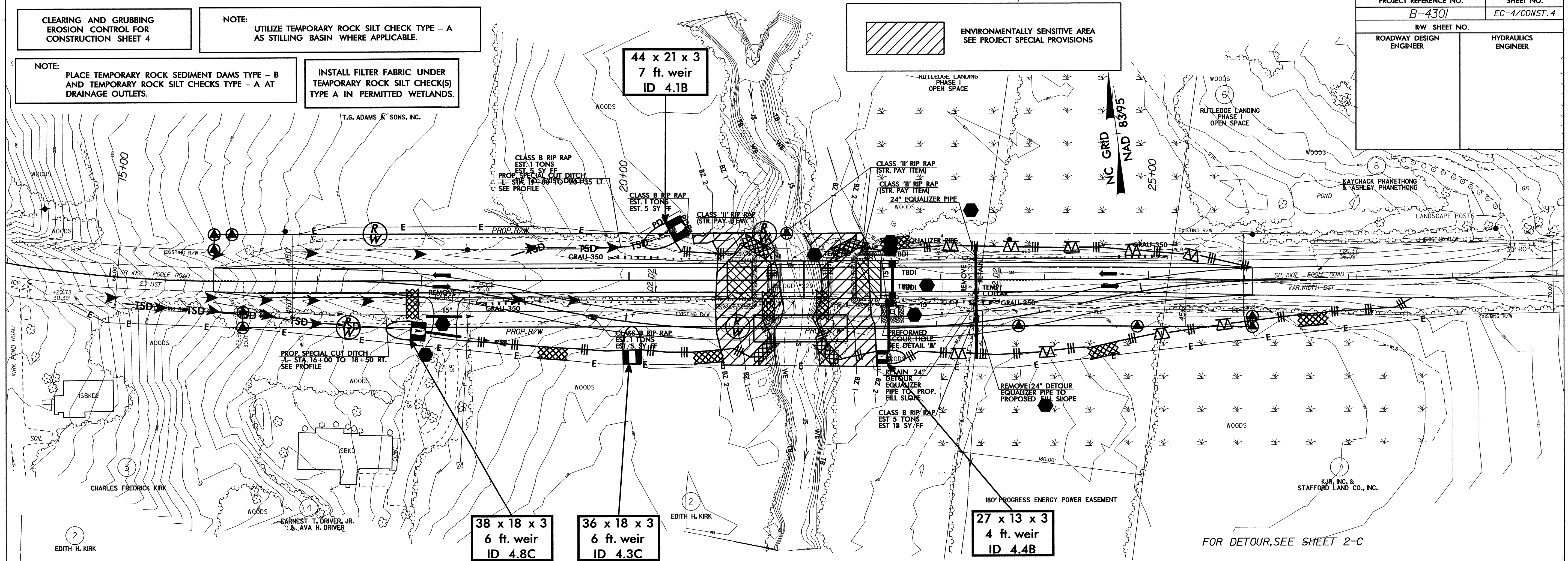
NOTE:
UTILIZE TEMPORARY ROCK SILT CHECK TYPE - A
AS STILLING BASIN WHERE APPLICABLE.

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

INSTALL FILTER FABRIC UNDER
TEMPORARY ROCK SILT CHECK(S)
TYPE A IN PERMITTED WETLANDS.

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

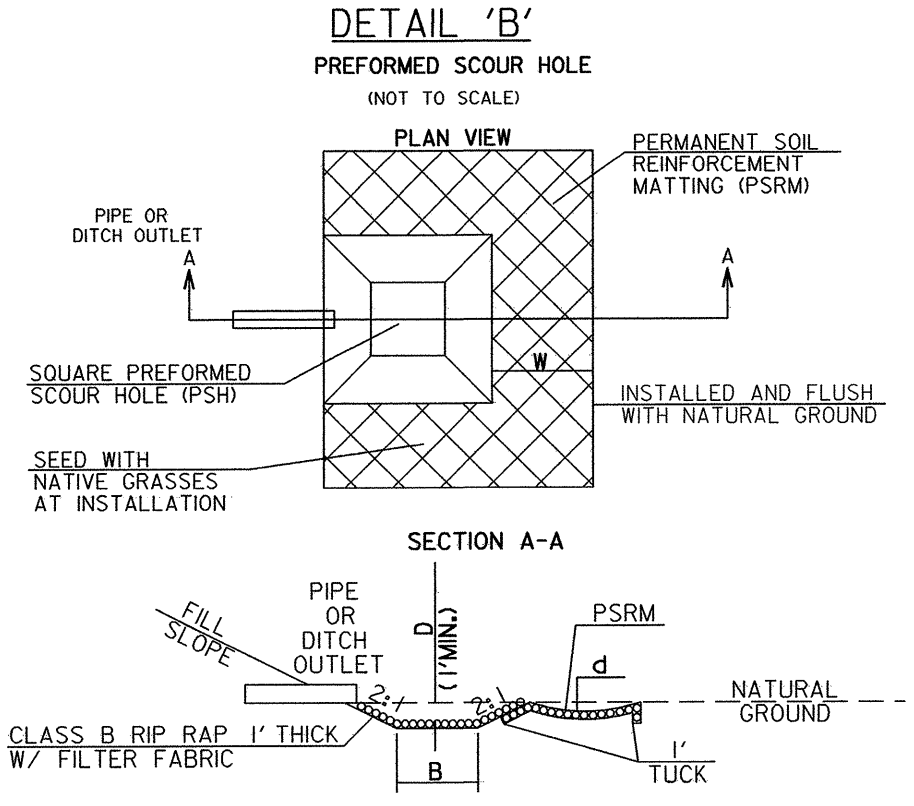
PROJECT REFERENCE NO. B-4301	SHEET NO. EC-4/CONST. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



BRIDGE HYDRAULIC DATA
 DESIGN DISCHARGE = 2700 CFS
 DESIGN FREQUENCY = 50 YRS
 DESIGN HW ELEVATION = 184.8 FT
 BASE DISCHARGE = 3100 CFS
 BASE FREQUENCY = 100 YRS
 BASE HW ELEVATION = 185.3 FT
 OVERTOPPING DISCHARGE = 2775 CFS
 OVERTOPPING FREQUENCY = 50(+) YRS
 OVERTOPPING ELEVATION = 184.9 FT
 DATE OF SURVEY = 3/30/06
 W.S. ELEVATION AT DATE OF SURVEY = 177.1 FT

BM #1, ELEV. = 183.32'
 -L- STA. 21+65.65, 59.33' LT.
 RR SPIKE IN 46' POPLAR

BM #2, ELEV. = 187.74'
 -L- STA. 28+69.66, 40.45' RT.
 RR SPIKE IN 32' POPLAR



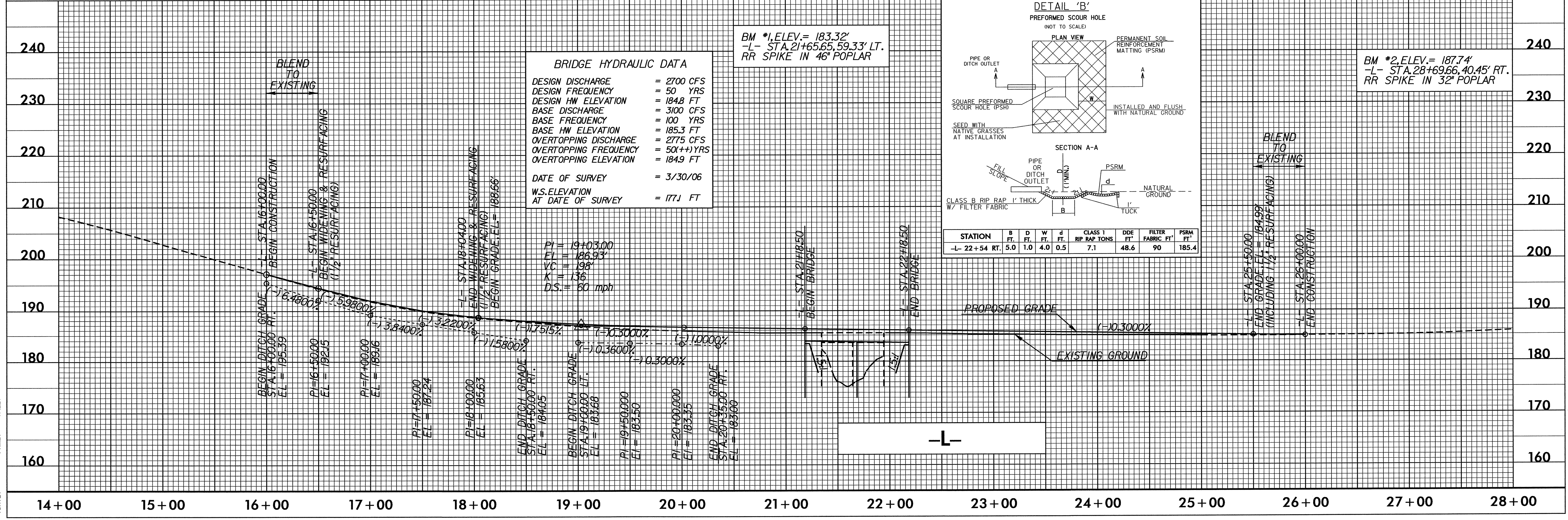
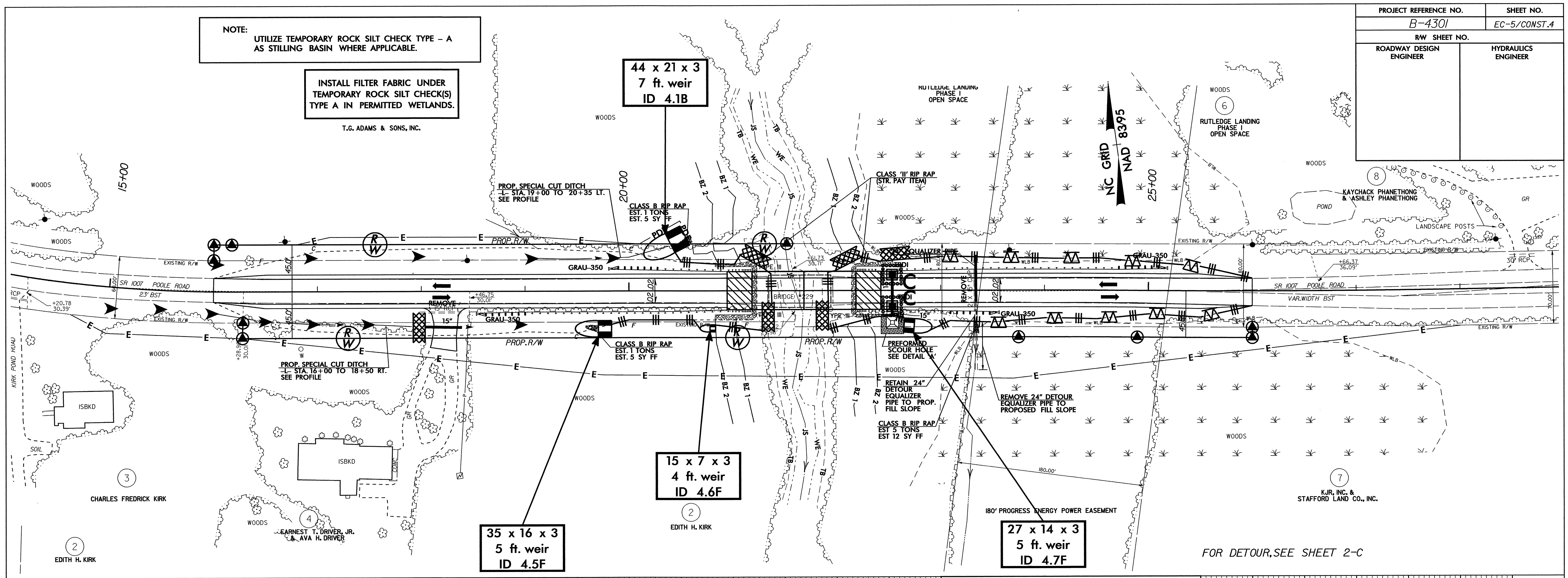
STATION	B FT.	D FT.	W FT.	D FT.	CLASS 1 RIP RAP TONS	DDE FT.	FILTER FABRIC FT.	PSRM FT.
-L- 22+54 RT.	5.0	1.0	4.0	0.5	7.1	48.6	90	185.4

DATES \$FILES \$TIMES

NOTE:
UTILIZE TEMPORARY ROCK SILT CHECK TYPE - A AS STILLING BASIN WHERE APPLICABLE.

INSTALL FILTER FABRIC UNDER TEMPORARY ROCK SILT CHECK(S) TYPE A IN PERMITTED WETLANDS.

T.G. ADAMS & SONS, INC.



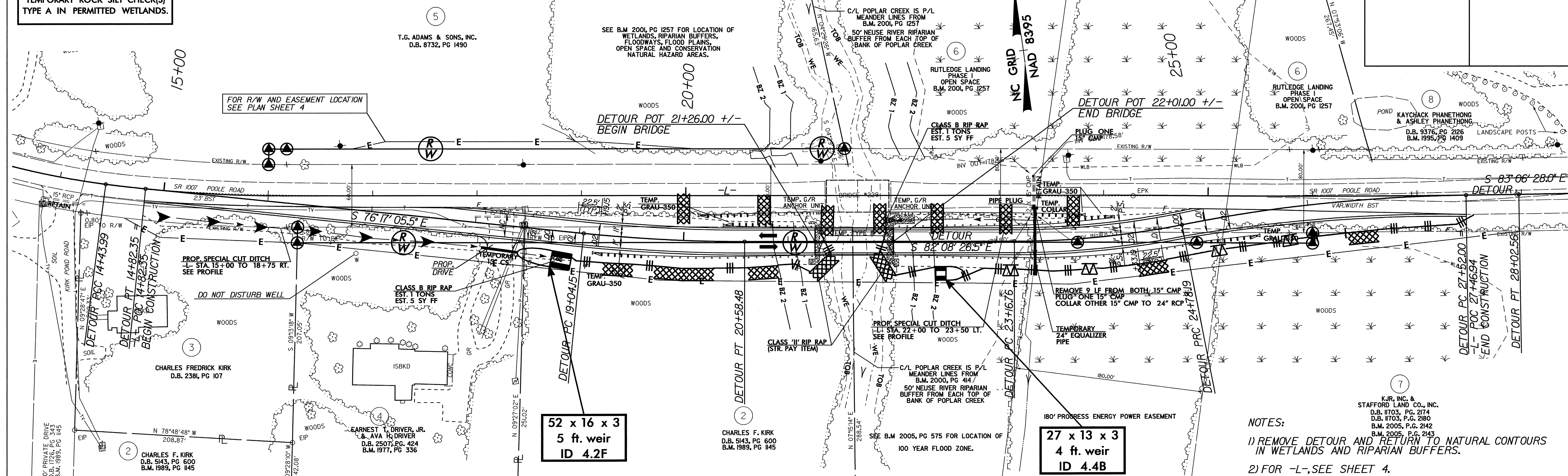
FOR DETOUR, SEE SHEET 2-C

NOTE:
UTILIZE TEMPORARY ROCK SILT CHECK TYPE - A AS STILLING BASIN WHERE APPLICABLE.

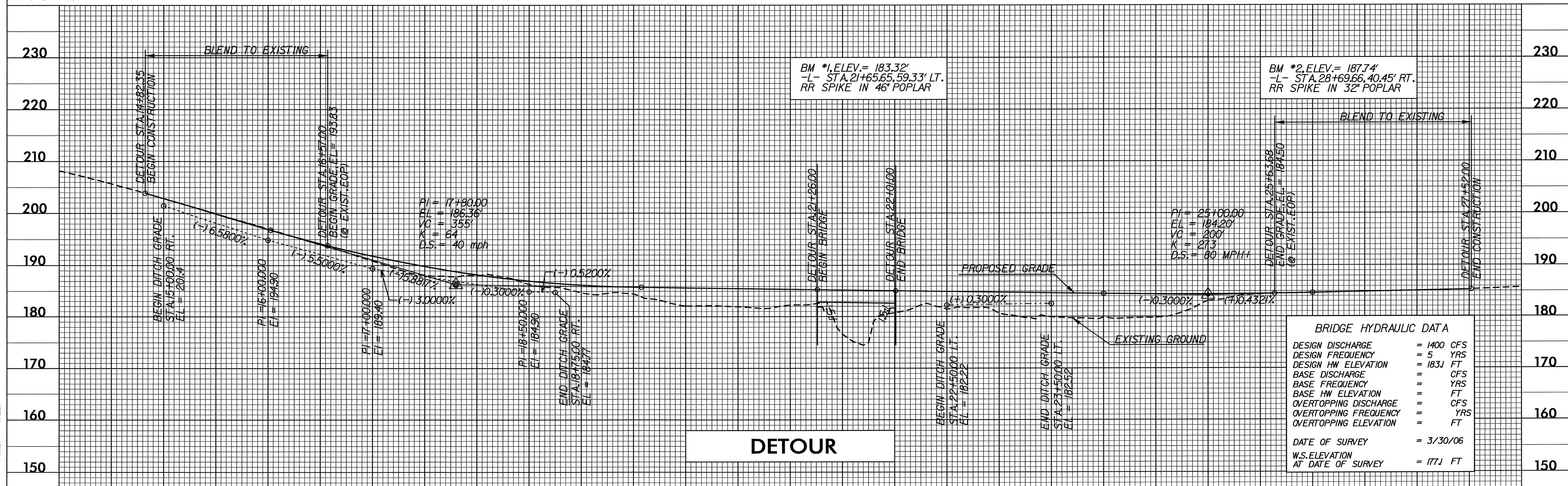
INSTALL FILTER FABRIC UNDER TEMPORARY ROCK SILT CHECK(S) TYPE A IN PERMITTED WETLANDS.

DETOUR

PROJECT REFERENCE NO. B-4301	SHEET NO. EC-6/CONST-2C
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



NOTES:
1) REMOVE DETOUR AND RETURN TO NATURAL CONTOURS IN WETLANDS AND RIPARIAN BUFFERS.
2) FOR -L-, SEE SHEET 4.



BRIDGE HYDRAULIC DATA	
DESIGN DISCHARGE	= 1400 CFS
DESIGN FREQUENCY	= 5 YRS
DESIGN HW ELEVATION	= 183.1 FT
BASE DISCHARGE	= CFS
BASE FREQUENCY	= YRS
BASE HW ELEVATION	= FT
OVERTOPPING DISCHARGE	= CFS
OVERTOPPING FREQUENCY	= YRS
OVERTOPPING ELEVATION	= FT
DATE OF SURVEY	= 3/30/06
W.S. ELEVATION AT DATE OF SURVEY	= 177.1 FT

*TIMES *FILES