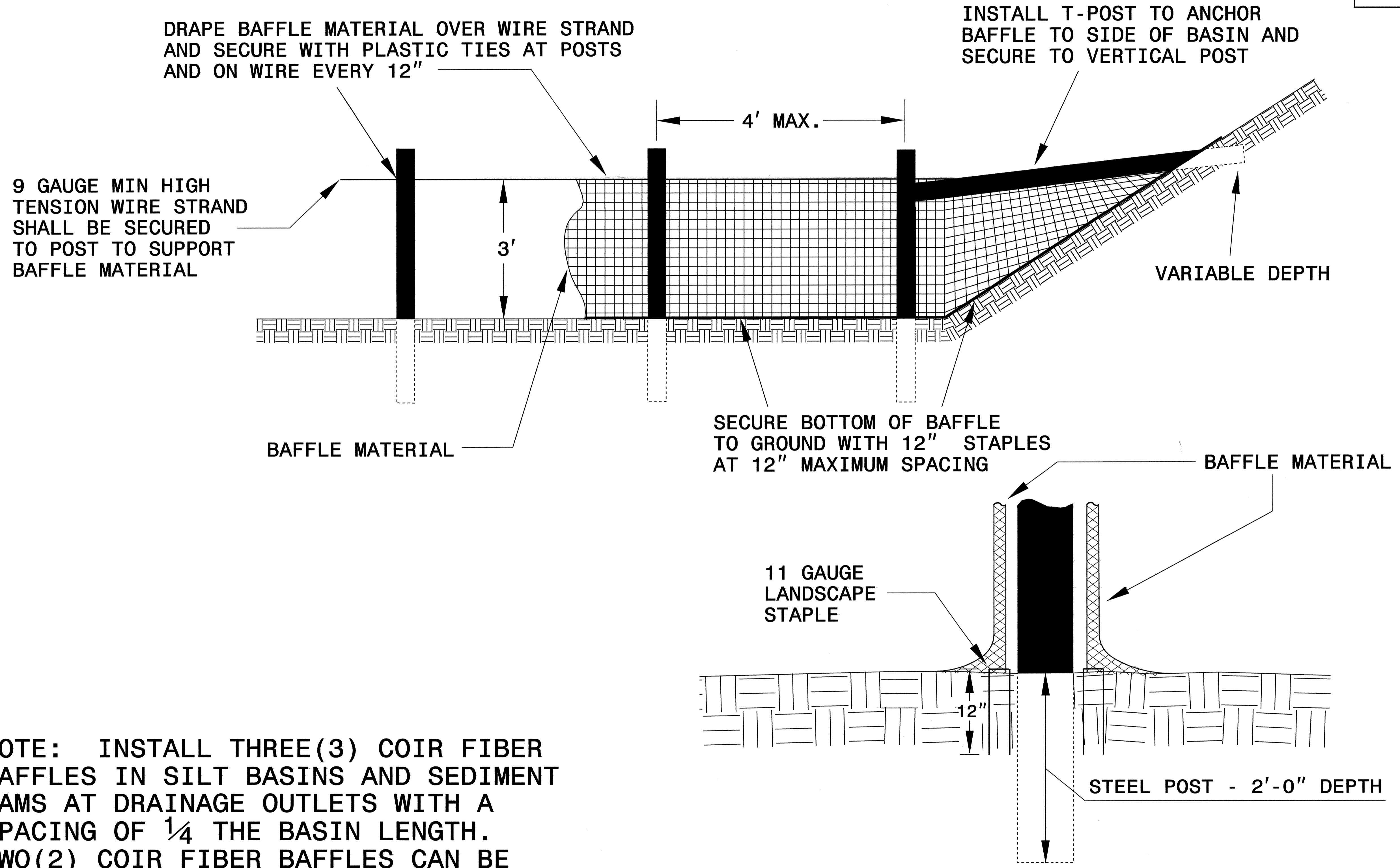


PROJECT REFERENCE NO.	SHEET NO.
B-4029	EC-2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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

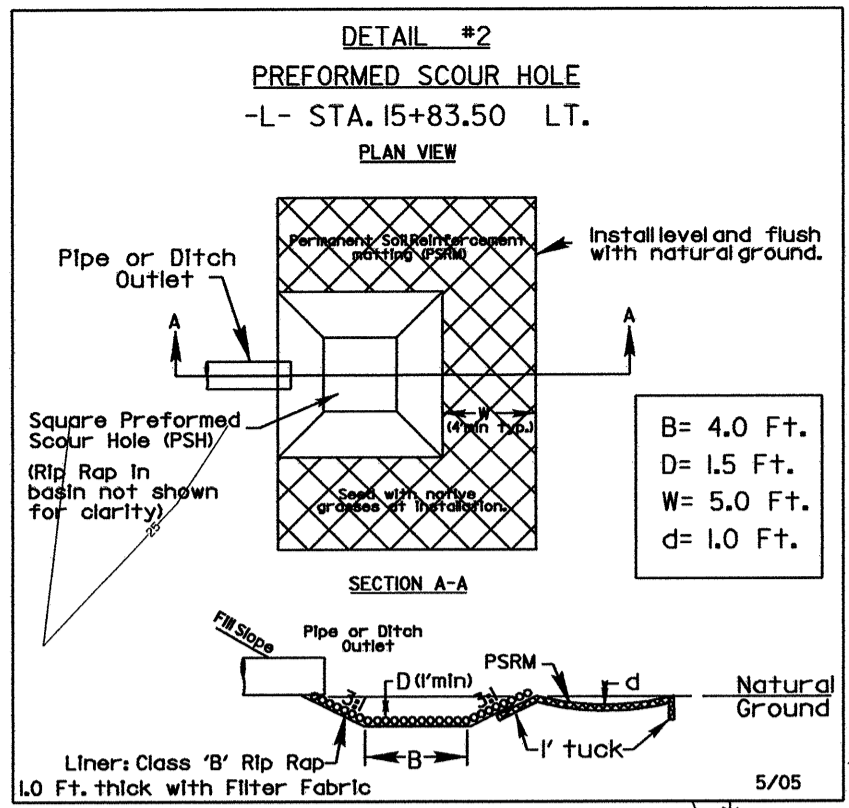
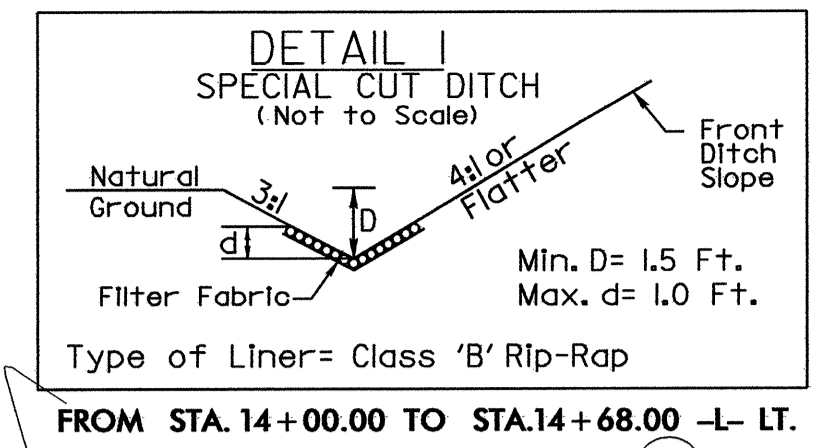
B-417/99

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

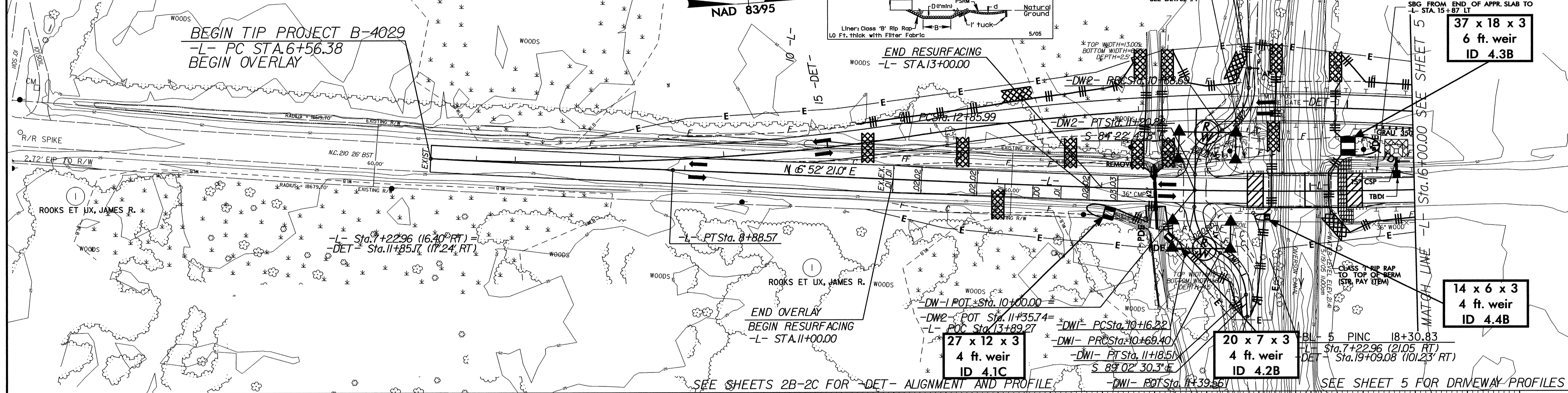
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

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

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



PROJECT REFERENCE NO.	SHEET NO.
B-4029	EC-3/CONST.4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



BM# 1 ELEV. 31.22'
N 262,720.1421 E 2,218,967.4783
R/R SPIKE SET IN 18" PINE
-BL- STA 6+18.43 320' LT

NOTE: BENCH MARK #1 IS LOCATED OUTSIDE OF THE PROJECT LIMITS.

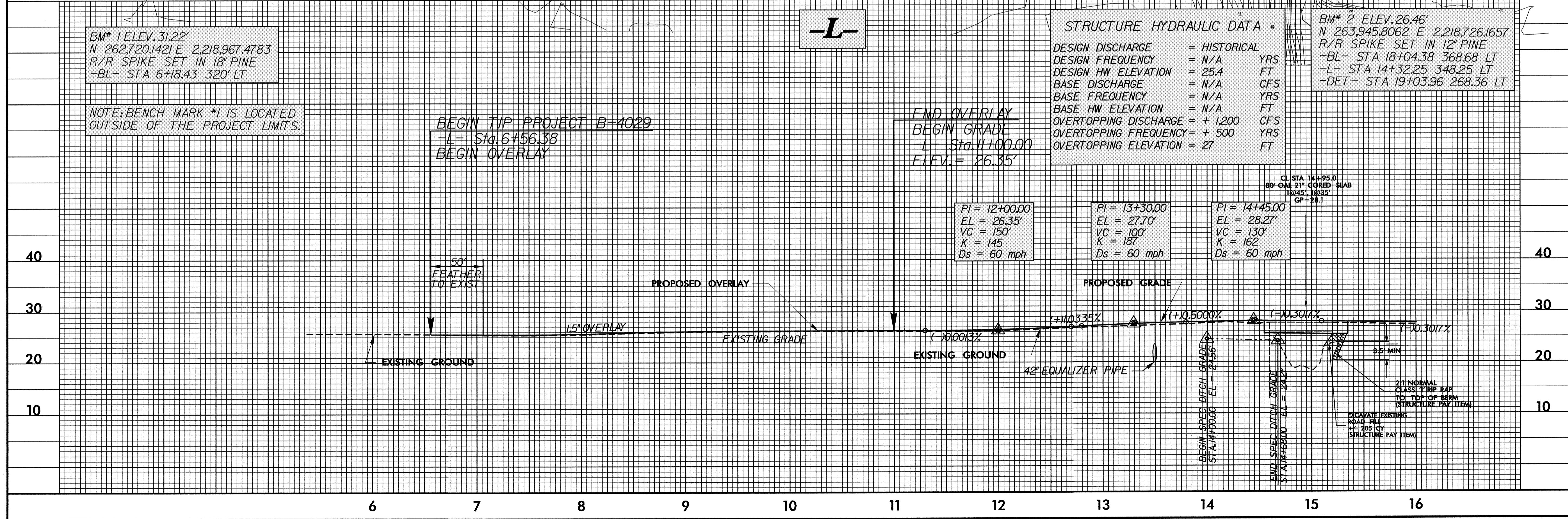
BEGIN TIP PROJECT B-4029
-L- STA. 6+56.38
BEGIN OVERLAY

END OVERLAY
BEGIN GRADE
-L- STA. 11+00.00
ELEV. = 26.35'

STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	= HISTORICAL
DESIGN FREQUENCY	= N/A YRS
DESIGN HW ELEVATION	= 25.4 FT
BASE DISCHARGE	= N/A CFS
BASE FREQUENCY	= N/A YRS
BASE HW ELEVATION	= N/A FT
OVERTOPPING DISCHARGE	= + 1,200 CFS
OVERTOPPING FREQUENCY	= + 500 YRS
OVERTOPPING ELEVATION	= 27 FT

BM# 2 ELEV. 26.46'
N 263,945.8062 E 2,218,726.1657
R/R SPIKE SET IN 12" PINE
-BL- STA 18+04.38 368.68 LT
-L- STA 14+32.25 348.25 LT
-DET- STA 19+03.96 268.36 LT

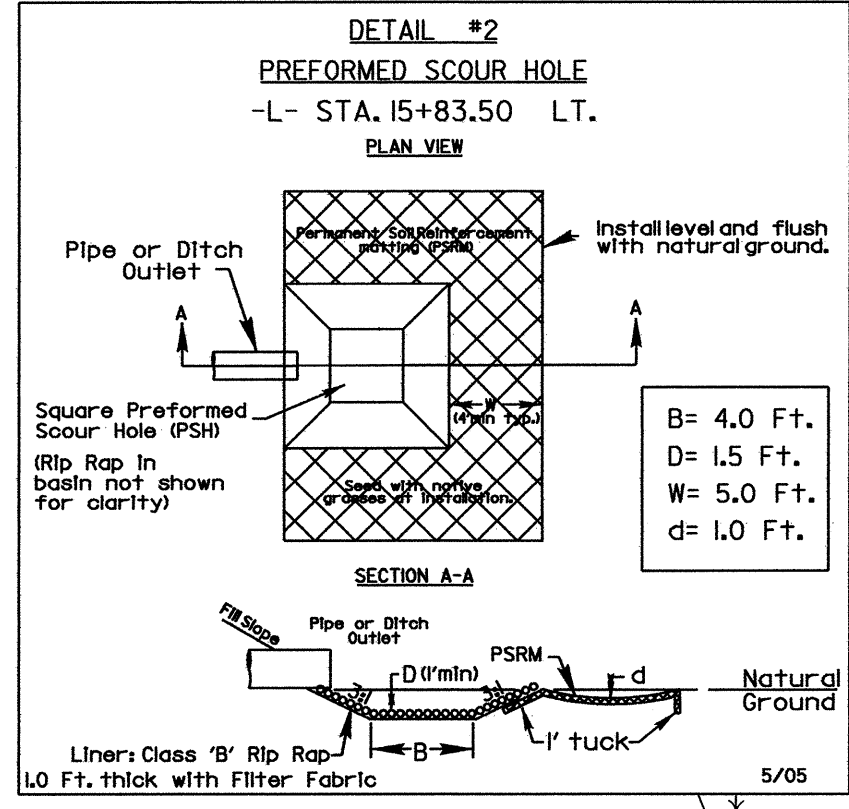
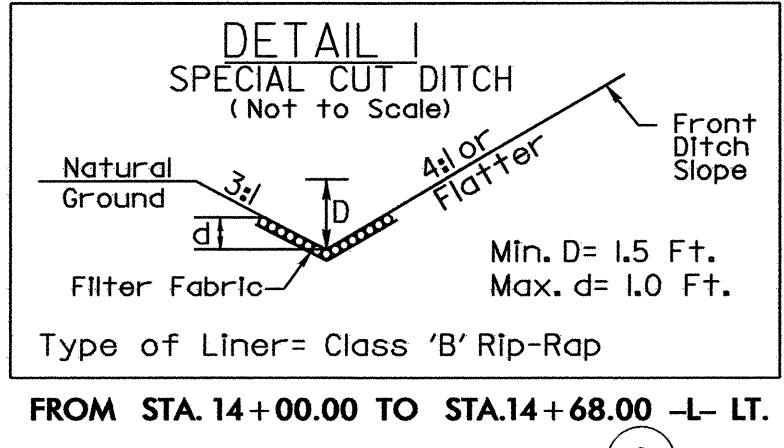


8/17/99

PROJECT REFERENCE NO. B-4029	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.

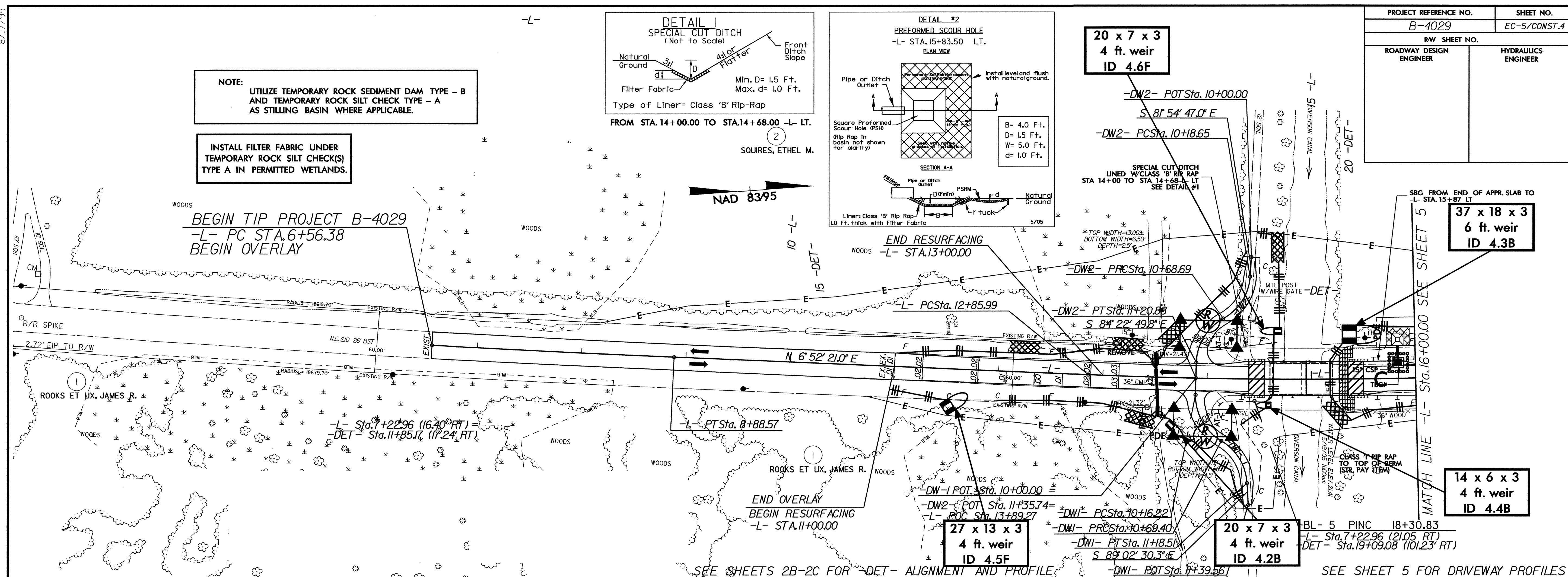
INSTALL FILTER FABRIC UNDER TEMPORARY ROCK SILT CHECK(S) TYPE A IN PERMITTED WETLANDS.



**20 x 7 x 3
4 ft. weir
ID 4.6F**

**37 x 18 x 3
6 ft. weir
ID 4.3B**

**14 x 6 x 3
4 ft. weir
ID 4.4B**



BM# 1 ELEV. 31.22'
N 262,720.1421 E 2,218,967.4783
R/R SPIKE SET IN 18" PINE
-BL- STA 6+18.43 320' LT

NOTE: BENCH MARK #1 IS LOCATED OUTSIDE OF THE PROJECT LIMITS.

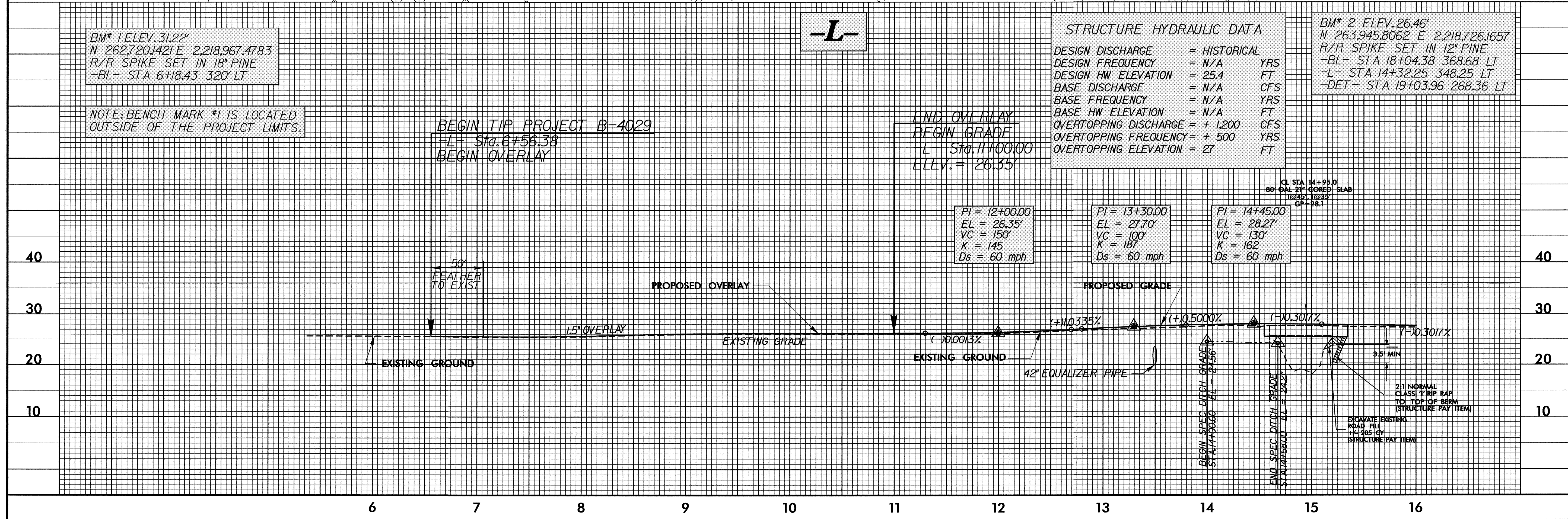
BEGIN TIP PROJECT B-4029
-L- Sta. 6+56.38
BEGIN OVERLAY

END OVERLAY
BEGIN GRADE
-L- Sta. 11+00.00
ELEV. = 26.35'

STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE	= HISTORICAL
DESIGN FREQUENCY	= N/A YRS
DESIGN HW ELEVATION	= 25.4 FT
BASE DISCHARGE	= N/A CFS
BASE FREQUENCY	= N/A YRS
BASE HW ELEVATION	= N/A FT
OVERTOPPING DISCHARGE	= + 1,200 CFS
OVERTOPPING FREQUENCY	= + 500 YRS
OVERTOPPING ELEVATION	= 27 FT

BM# 2 ELEV. 26.46'
N 263,945.8062 E 2,218,726.1657
R/R SPIKE SET IN 12" PINE
-BL- STA 18+04.38 368.68 LT
-L- STA 14+32.25 348.25 LT
-DET- STA 19+03.96 268.36 LT



PI = 12+00.00
EL = 26.35'
VC = 150'
K = 145
Ds = 60 mph

PI = 13+30.00
EL = 27.70'
VC = 100'
K = 187
Ds = 60 mph

PI = 14+45.00
EL = 28.27'
VC = 130'
K = 162
Ds = 60 mph

CL STA. 14+95.0
60" OAL 21" GORED SLAB
1@45', 1@35'
GP = 28.1

EXCAVATE EXISTING ROAD FILL W/ 200 CY STRUCTURE PAY ITEM

SEE SHEETS 2B-2C FOR -DET- ALIGNMENT AND PROFILE

SEE SHEET 5 FOR DRIVEWAY PROFILES

8/17/99

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

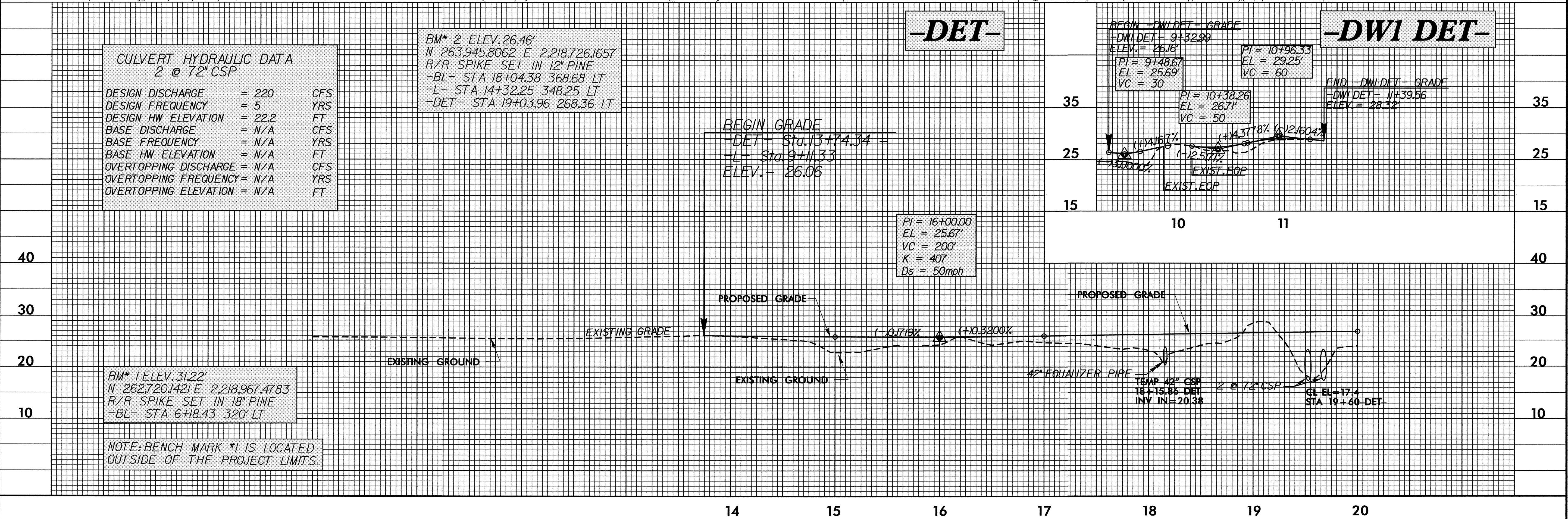
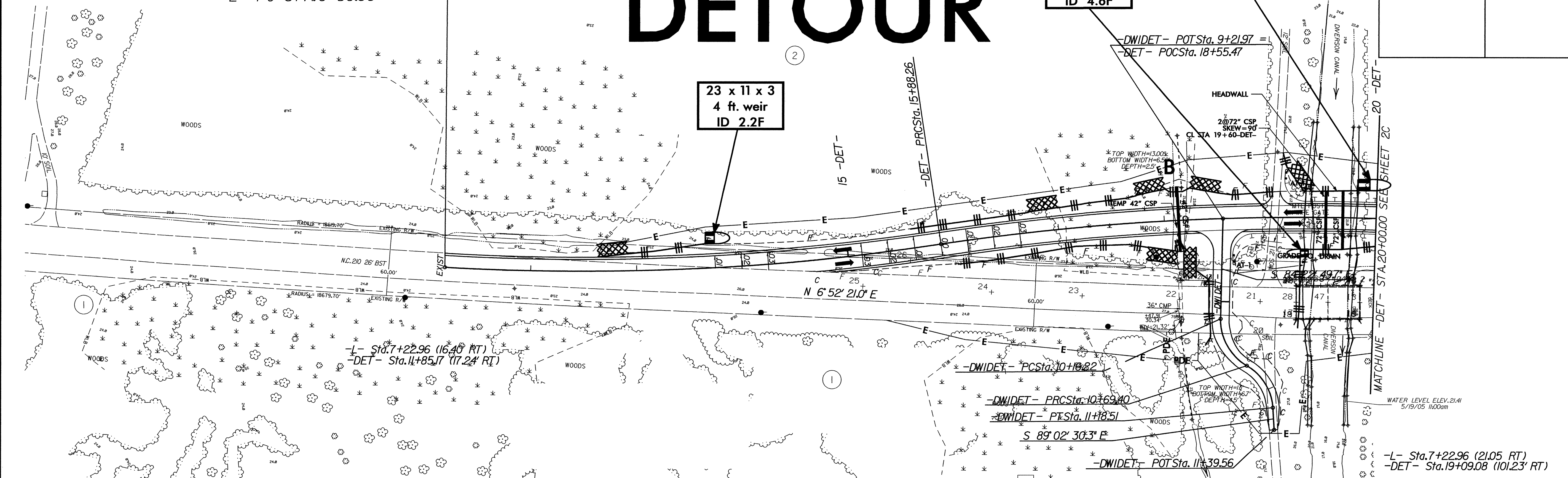
SEE SHEETS 4-5 FOR -L- ALIGNMENT AND PROFILE

PROJECT REFERENCE NO. B-4029	SHEET NO. EC-7/CONST.2B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

BEGIN CONSTRUCTION
-DET- PC STA. 11+19.03 =
-L- PC STA. 6+56.38

NAD 8395

DETOUR



CULVERT HYDRAULIC DATA
2 @ 72" CSP

DESIGN DISCHARGE	= 220	CFS
DESIGN FREQUENCY	= 5	YRS
DESIGN HW ELEVATION	= 22.2	FT
BASE DISCHARGE	= N/A	CFS
BASE FREQUENCY	= N/A	YRS
BASE HW ELEVATION	= N/A	FT
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING FREQUENCY	= N/A	YRS
OVERTOPPING ELEVATION	= N/A	FT

BM* 2 ELEV. 26.46'
N 263,945.8062 E 2,218,726.1657
R/R SPIKE SET IN 12" PINE
-BL- STA 18+04.38 368.68 LT
-L- STA 14+32.25 348.25 LT
-DET- STA 19+03.96 268.36 LT

BM* 1 ELEV. 31.22'
N 262,720.1421 E 2,218,967.4783
R/R SPIKE SET IN 18" PINE
-BL- STA 6+18.43 320' LT

NOTE: BENCH MARK #1 IS LOCATED
OUTSIDE OF THE PROJECT LIMITS.

-DET-

-DWI DET-

BEGIN -DWI DET- GRADE
-DWI DET- STA. 9+32.99
ELEV. = 26.16'
PI = 9+48.67
EL = 25.69'
VC = 30

PI = 10+96.33
EL = 29.25'
VC = 60

PI = 10+38.26
EL = 26.71'
VC = 50

END -DWI DET- GRADE
-DWI DET- STA. 11+39.56
ELEV. = 28.32'

BEGIN GRADE
-DET- STA. 13+74.34 =
-L- STA. 9+11.33
ELEV. = 26.06

PI = 16+00.00
EL = 25.67'
VC = 200'
K = 407
Ds = 50mph

TEMP 42" CSP
18+15.86 -DET
INV IN = 20.38

CL EL = 17.4
STA 19+60 -DET

