

TIP PROJECT: I-4733

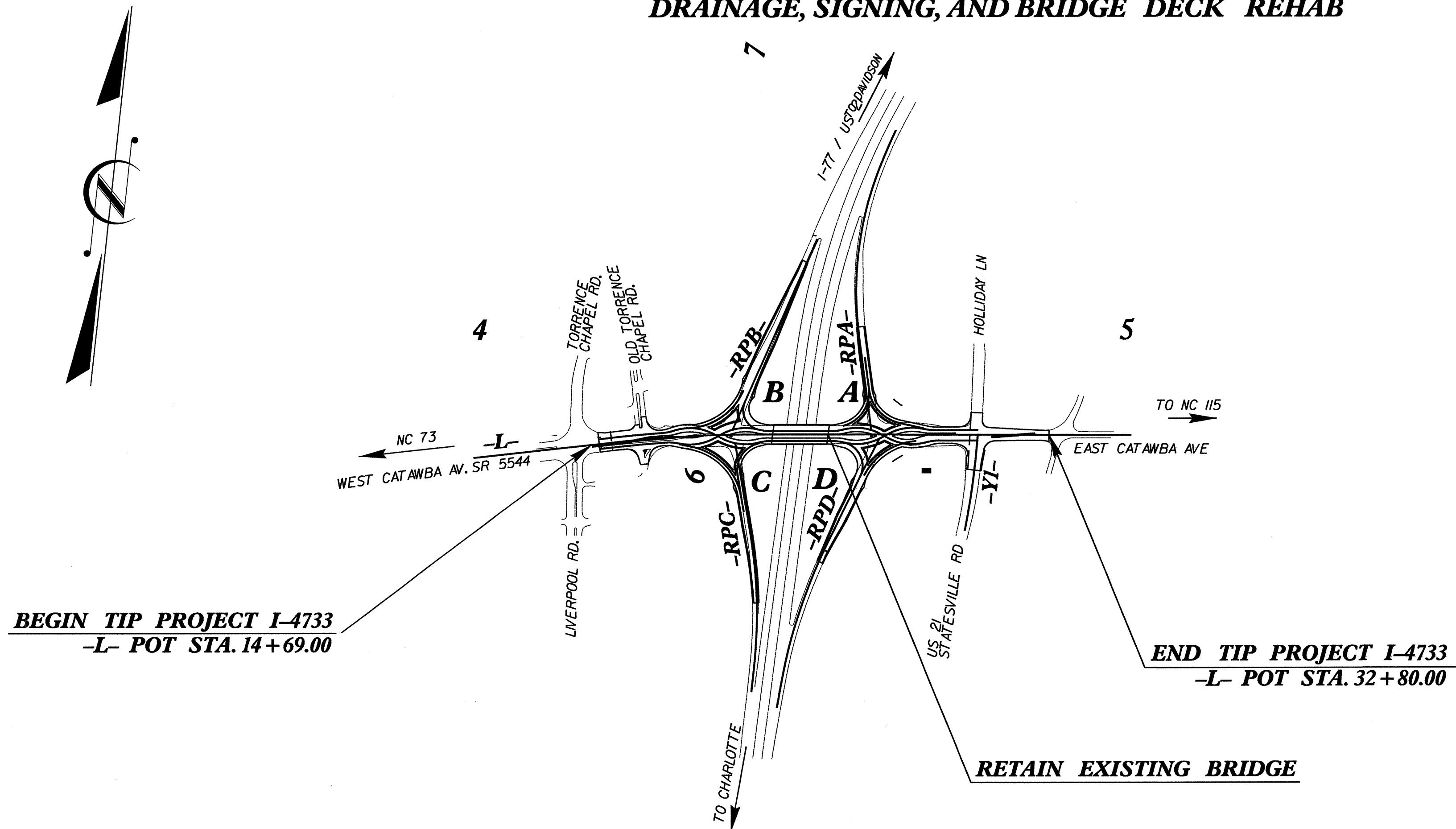
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

MECKLENBURG COUNTY

**LOCATION: CORNELIUS, MODIFY INTERCHANGE AT
I-77 AND SR 5544 (W CATAWBA AVE.)**

**TYPE OF WORK: RESURFACING, WIDENING, SIGNALS, SIDEWALKS,
DRAINAGE, SIGNING, AND BRIDGE DECK REHAB**



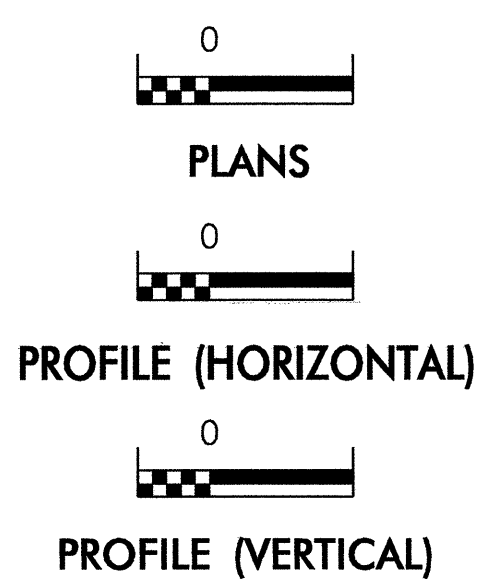
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-4733	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	TSD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	△△△
1622.01	Temporary Berms and Slope Drains	—
1630.02	Silt Basin Type B	▨
1633.01	Temporary Rock Silt Check Type-A	▨
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	▨
1633.02	Temporary Rock Silt Check Type-B	▨
	Wattle / Coir Fiber Wattle	—
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	—
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	U
1635.02	Rock Pipe Inlet Sediment Trap Type-B	U
1630.04	Stilling Basin	▭
1630.06	Special Stilling Basin	▭
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	▭
	Tiered Skimmer Basin	▭
	Infiltration Basin	▭

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

GRAPHIC SCALE



ROADSIDE ENVIRONMENTAL UNIT
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY
WITH THE REGULATIONS SET FORTH BY THE
NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011
ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND
NATURAL RESOURCES DIVISION OF WATER QUALITY.

Prepared In the Office of:
ROADSIDE ENVIRONMENTAL UNIT
1 South Wilmington St.
Raleigh, NC 27611
2012 STANDARD SPECIFICATIONS

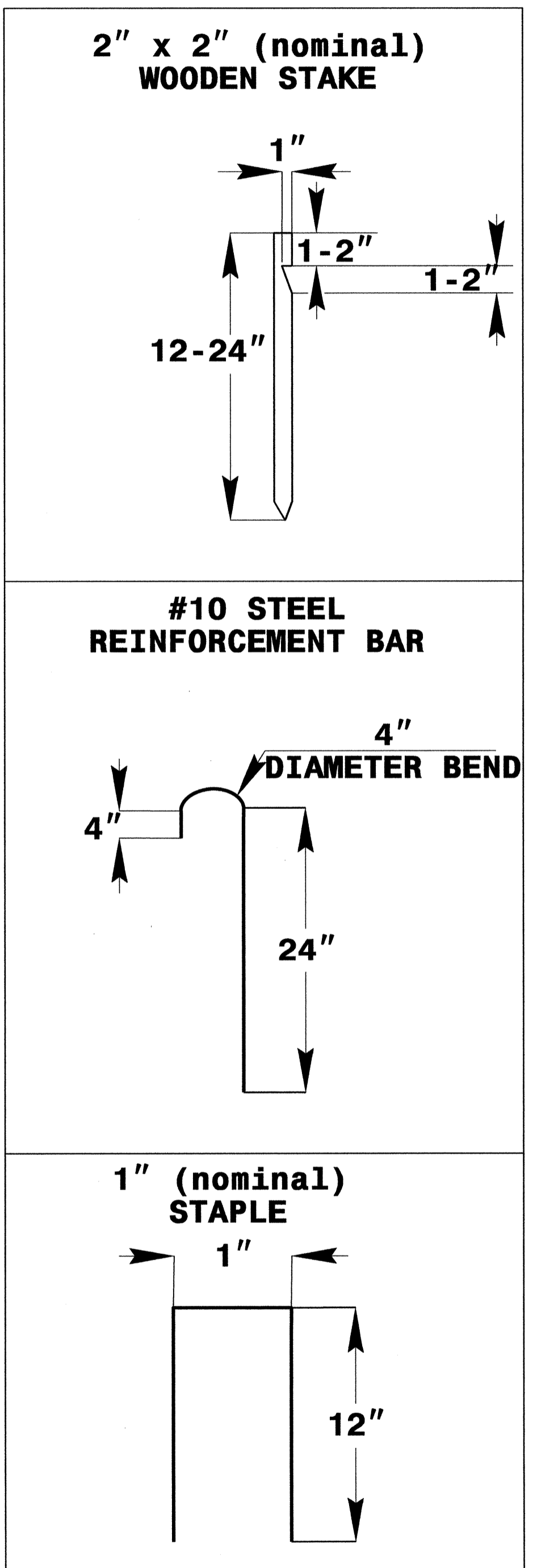
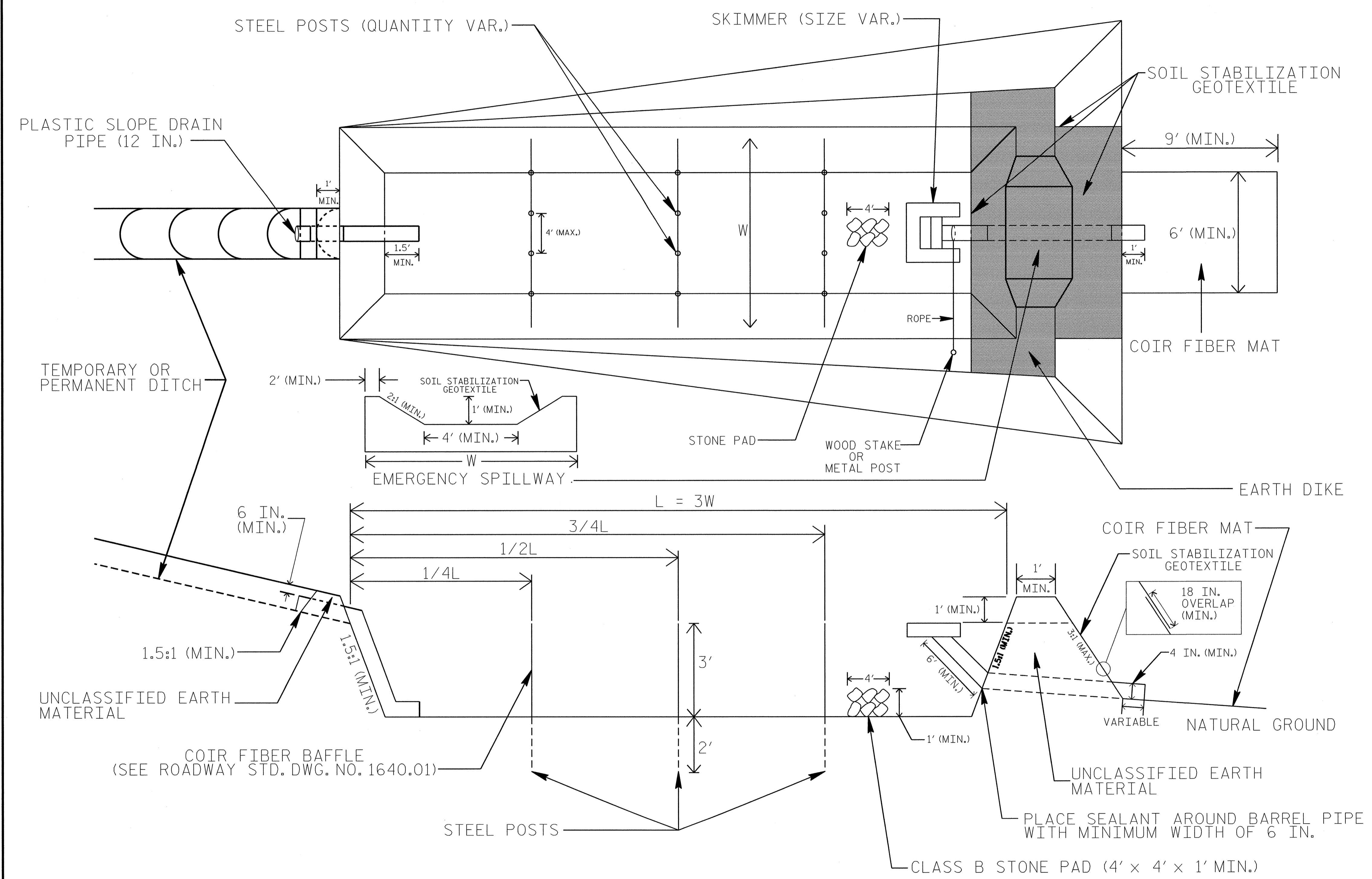
Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2012 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01 Railroad Erosion Control Detail	1632.01 Rock Inlet Sediment Trap Type A
1605.01 Temporary Silt Fence	1632.02 Rock Inlet Sediment Trap Type B
1606.01 Special Sediment Control Fence	1632.03 Rock Inlet Sediment Trap Type C
1607.01 Gravel Construction Entrance	1633.01 Temporary Rock Silt Check Type A
1622.01 Temporary Berms and Slope Drains	1633.02 Temporary Rock Silt Check Type B
1630.01 Riser Basin	1634.01 Temporary Rock Sediment Dam Type A
1630.02 Silt Basin Type B	1634.02 Temporary Rock Sediment Dam Type B
1630.03 Temporary Silt Ditch	1635.01 Rock Pipe Inlet Sediment Trap Type A
1630.04 Stilling Basin	1635.02 Rock Pipe Inlet Sediment Trap Type B
1630.05 Temporary Diversion	1640.01 Coir Fiber Baffle
1630.06 Special Stilling Basin	1645.01 Temporary Stream Crossing
1631.01 Matting Installation	

PROJECT REFERENCE NO. 1-4733	SHEET NO. EC-2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SKIMMER BASIN WITH BAFFLES DETAIL



COIR FIBER MAT ANCHOR OPTIONS

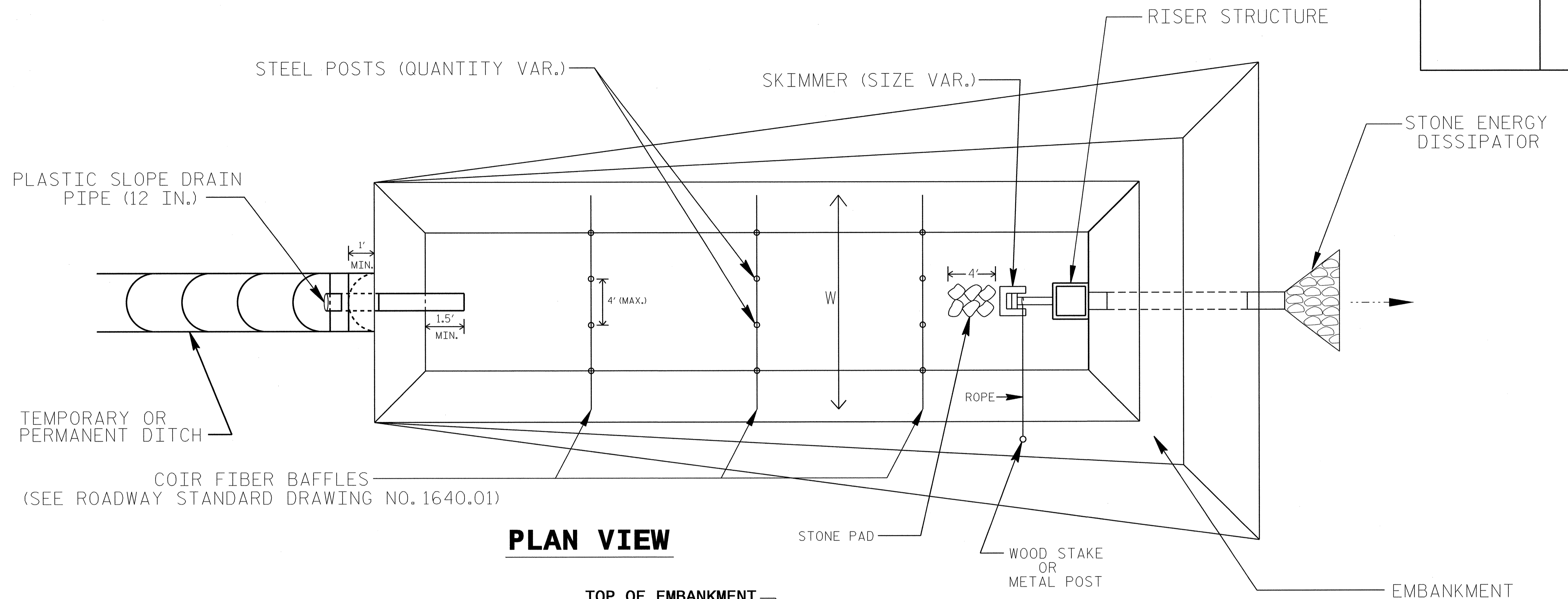
NOTES

1. SEED AND PLACE MATTING FOR EROSION CONTROL ON INTERIOR AND EXTERIOR SIDESLOPES.
2. LIMIT EARTH DIKE HEIGHT TO 5 FT.
3. FOR BASIN DEPTH OF 3 FT., THE MINIMUM BASIN WIDTH SHALL BE 9 FT.
4. DETERMINE EMERGENCY SPILLWAY WEIR LENGTH (FT.) USING $Q/0.8$, WHERE Q IS FLOW RATE (CFS) INTO BASIN.
5. PLASTIC SLOPE DRAIN PIPE AT INLET OF BASIN MAY BE REPLACED BY FILTRATION GEOTEXTILE OR TARP AS DIRECTED.
6. SOIL STABILIZATION GEOTEXTILE FOR EMERGENCY SPILLWAY SHALL BE ONE CONTINUOUS PIECE OF MATERIAL OR OVERLAPPED 18 IN. (MIN.).

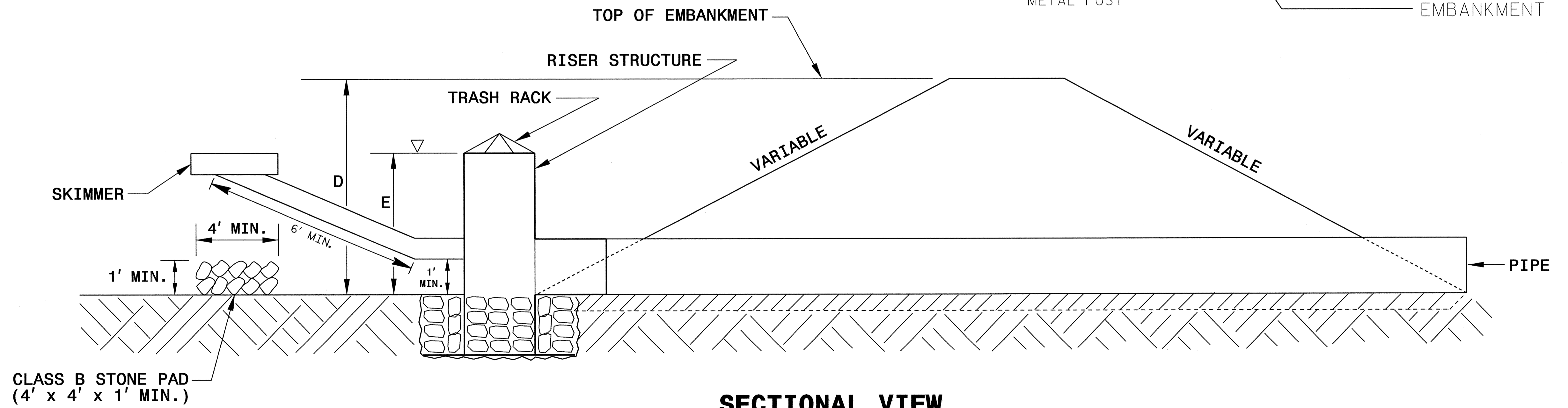
NOT TO SCALE

PROJECT REFERENCE NO. 1-4733	SHEET NO. EC-2A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

STORMWATER BASIN WITH SKIMMER



PLAN VIEW



SECTIONAL VIEW

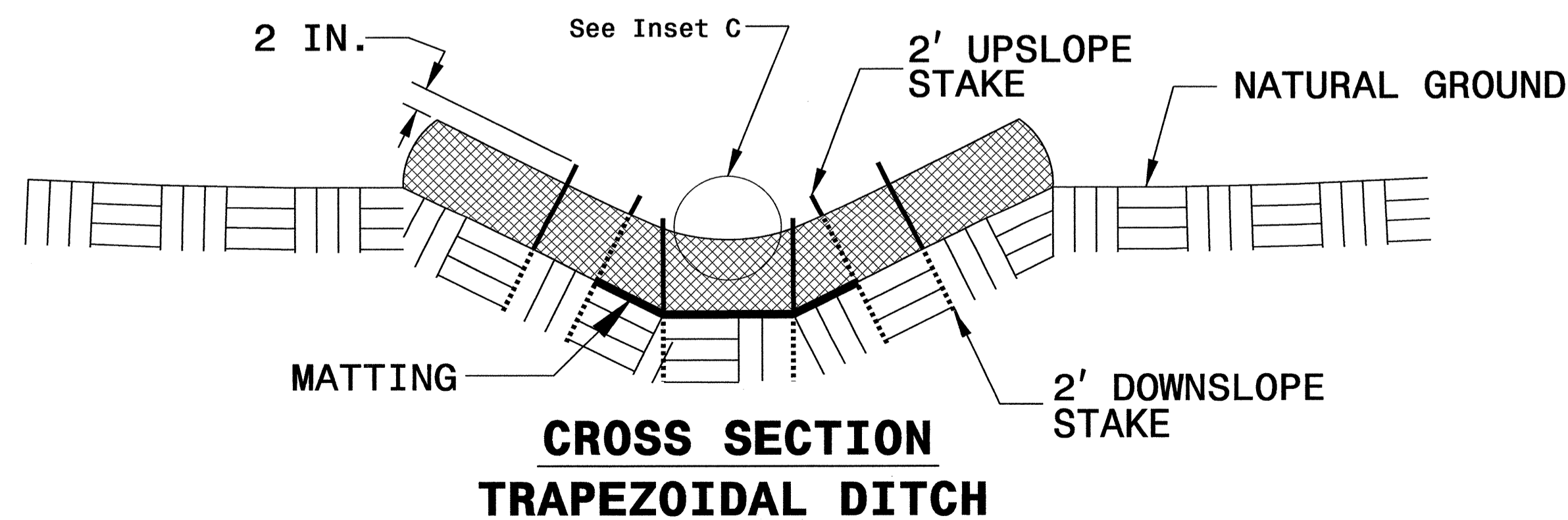
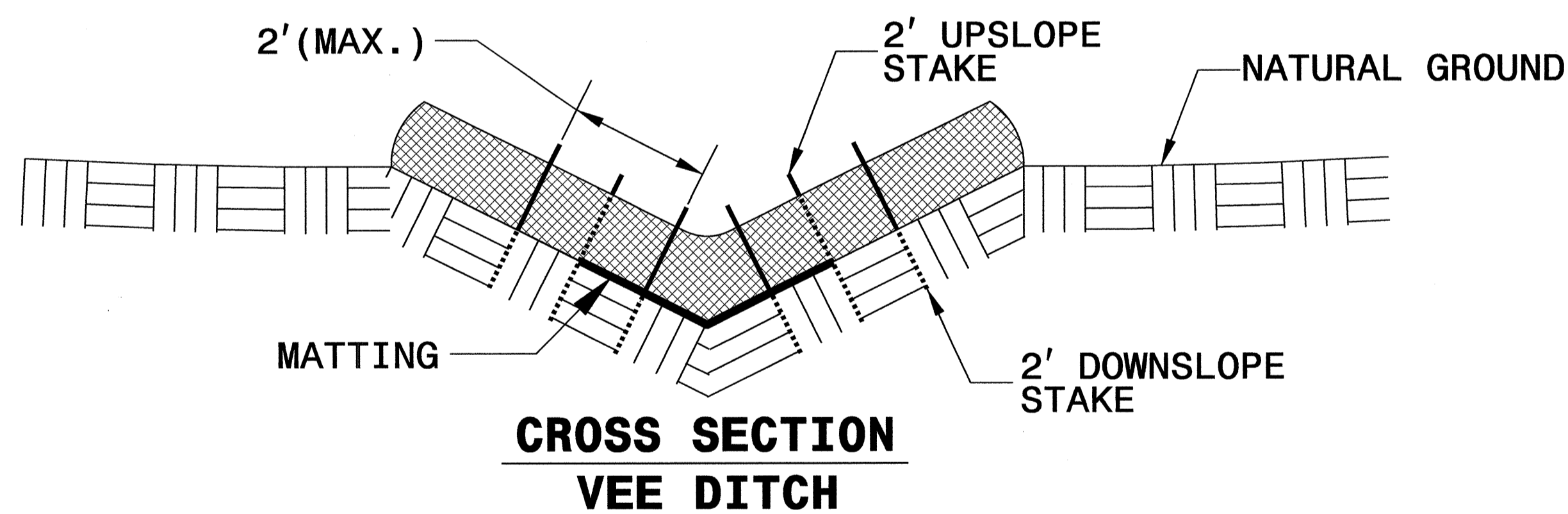
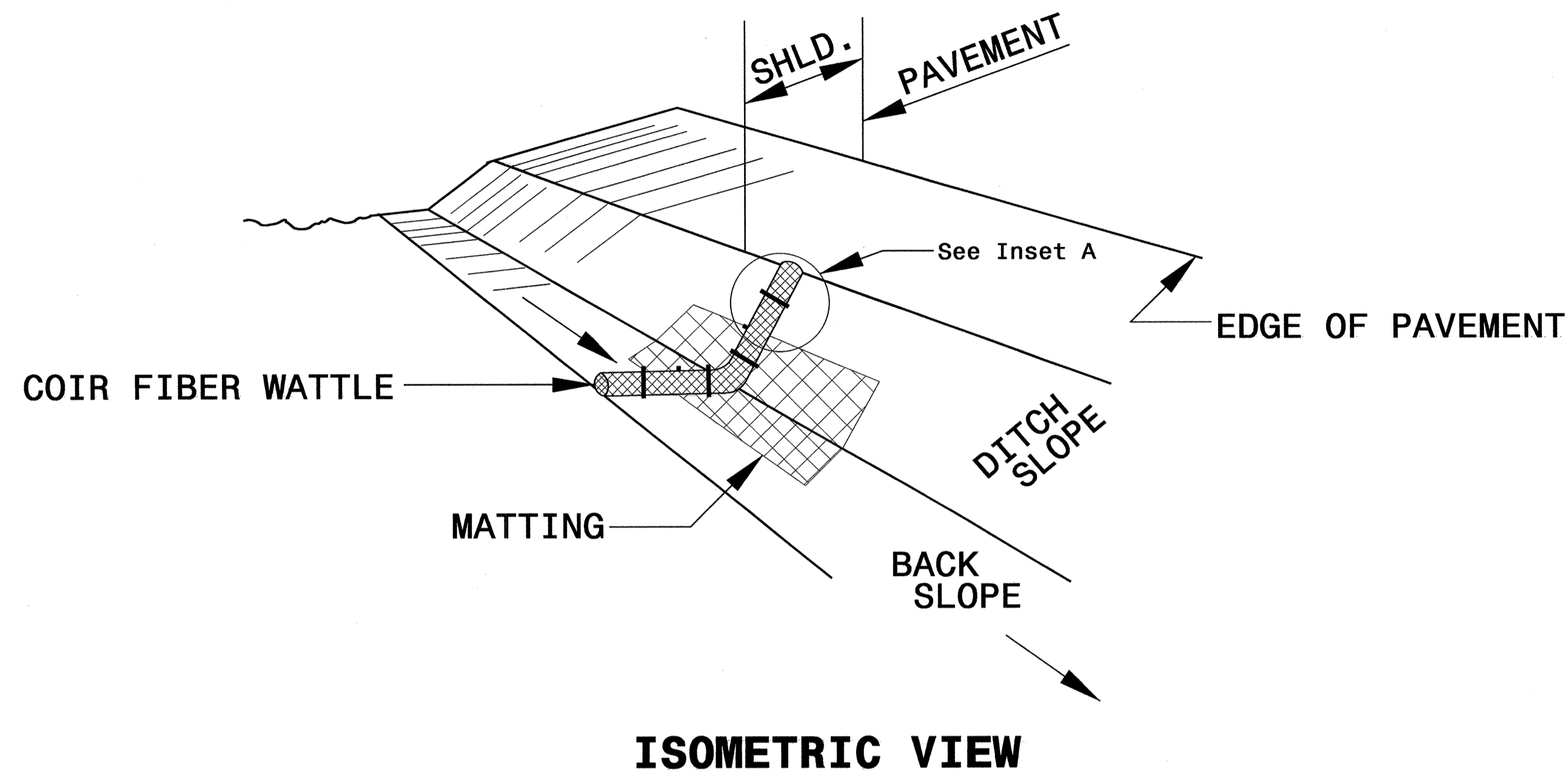
NOTES

1. SEED AND PLACE MATTING FOR EROSION CONTROL ON INTERIOR AND EXTERIOR SIDESLOPES.
2. INSTALL A MINIMUM OF 3 COIR FIBER BAFFLES IN ACCORDANCE WITH ROADWAY STD. DRAWING 1640.01.
3. INSTALL SKIMMER AND COUPLING TO RISER STRUCTURE OR DIRECTLY INTO EMBANKMENT 1 FT. FROM BOTTOM OF BASIN.
4. THE ARM PIPE SHALL HAVE A MINIMUM LENGTH OF 6 FT. BETWEEN THE SKIMMER AND COUPLING.
5. PLASTIC SLOPE DRAIN PIPE AT INLET OF BASIN MAY BE REPLACED BY FILTRATION GEOTEXTILE AS DIRECTED.
6. THE DIFFERENCE BETWEEN LENGTHS "D" AND "E" REPRESENT THE FREEBOARD AND SHOULD BE 1 FT. MINIMUM.

NOT TO SCALE

PROJECT REFERENCE NO. 1-4733	SHEET NO. EC-2B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

COIR FIBER WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

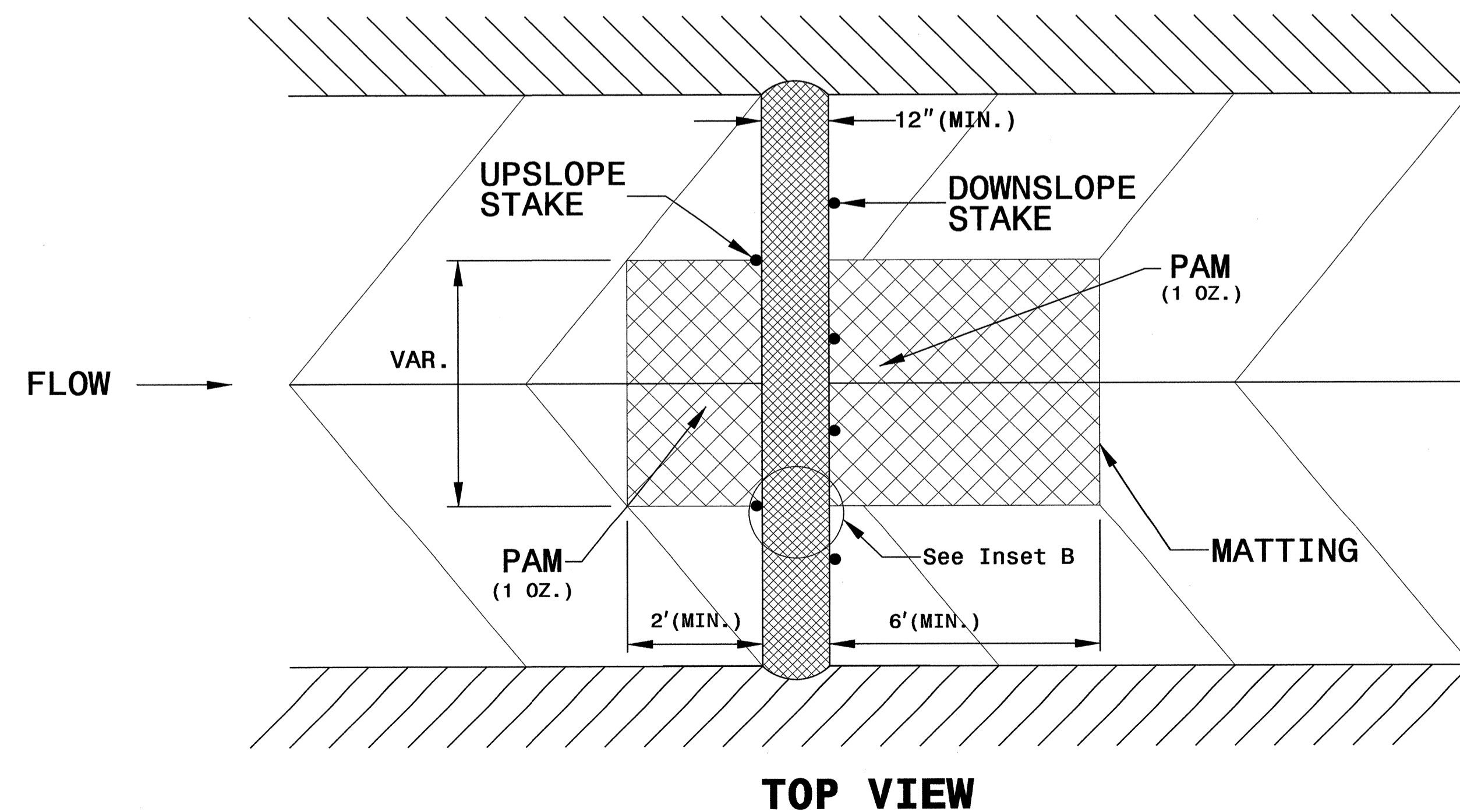
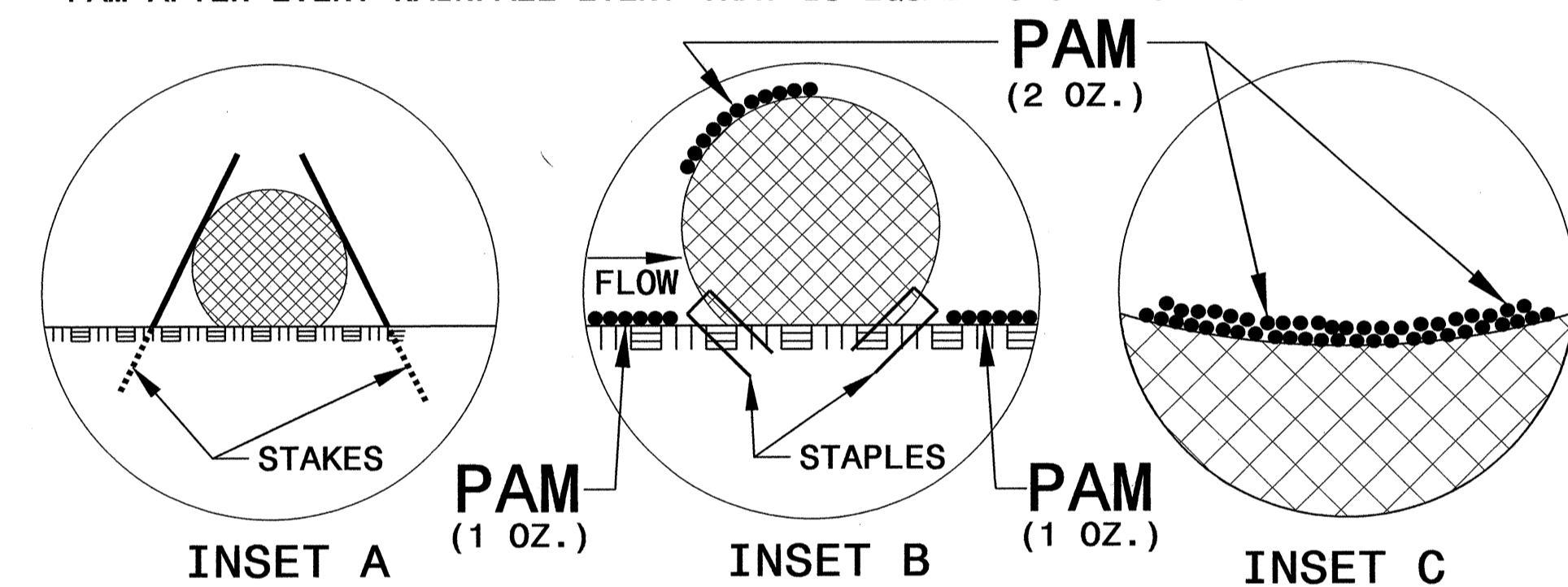
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

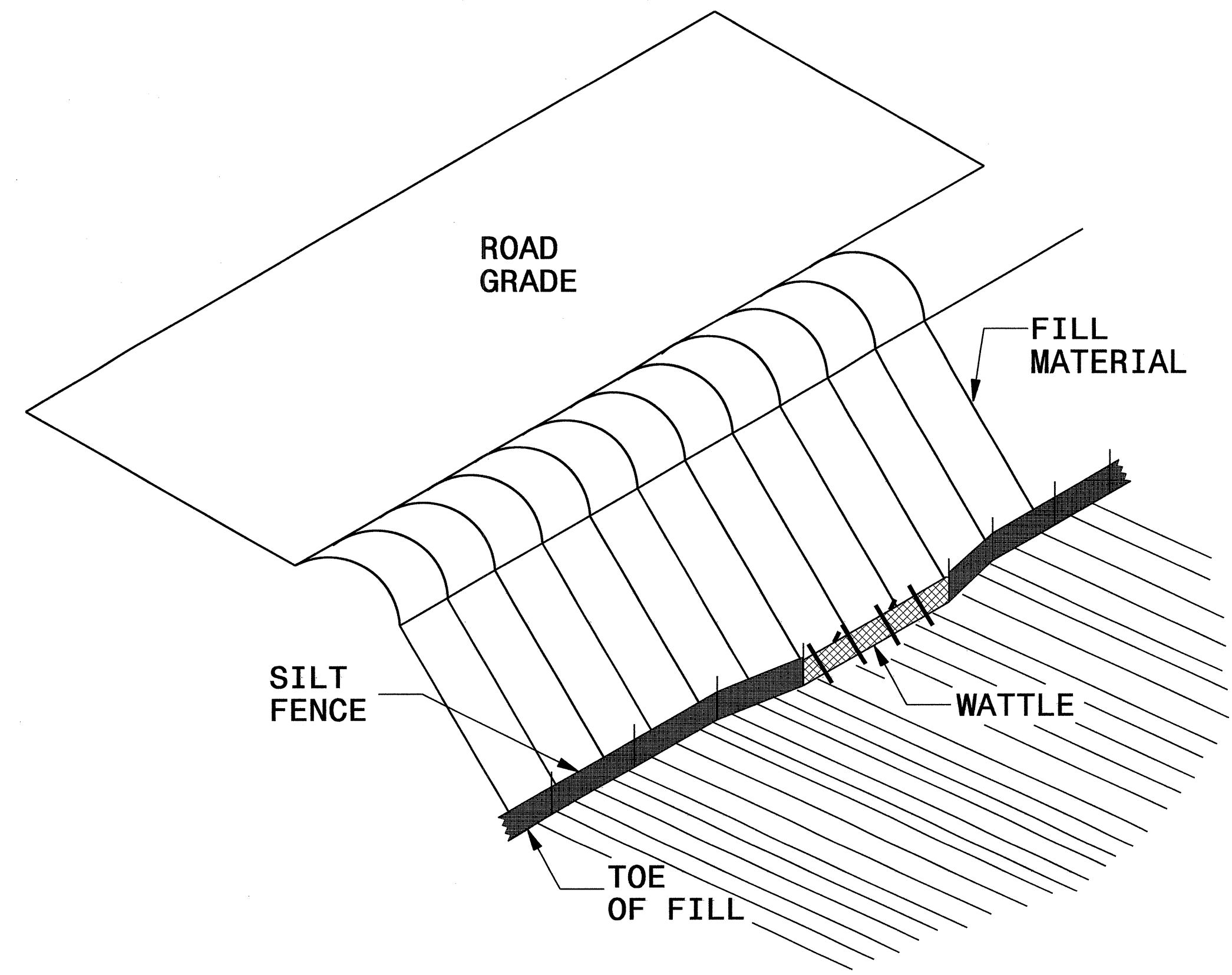
PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.

INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.

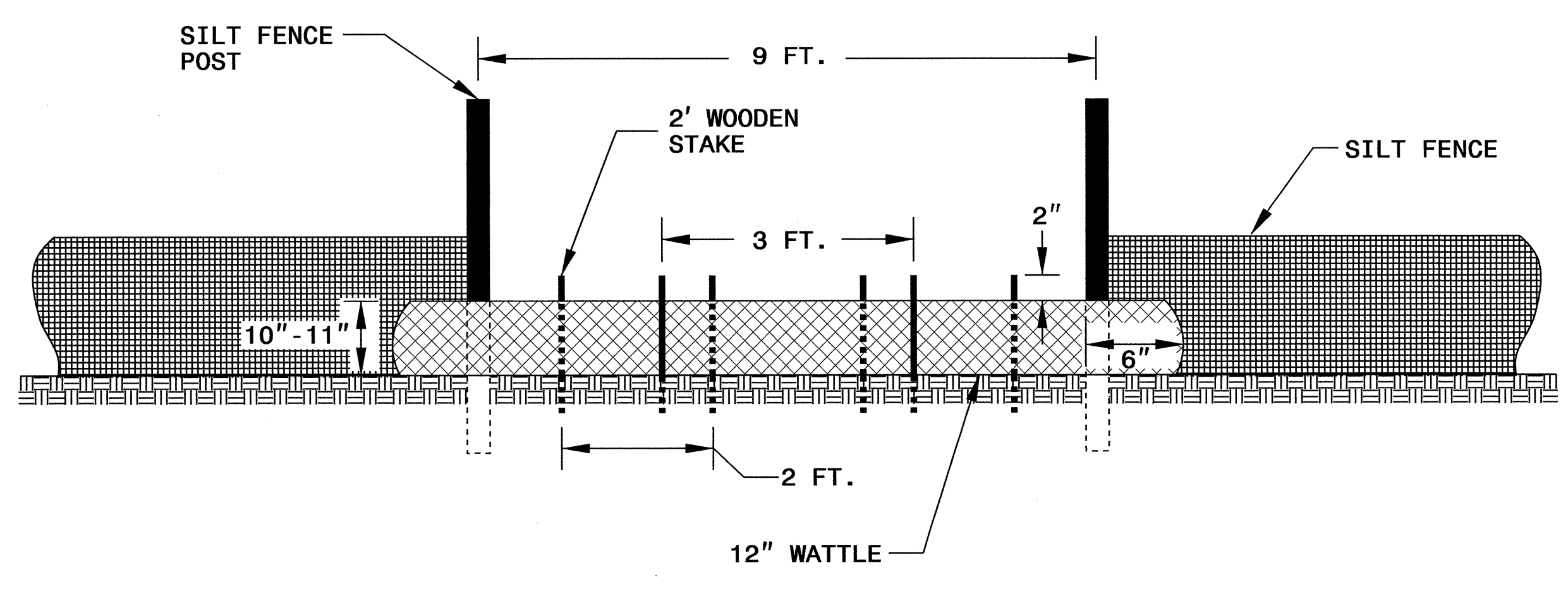


SILT FENCE COIR FIBER WATTLE BREAK DETAIL

PROJECT REFERENCE NO. 1-4733	SHEET NO. EC-2C
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



ISOMETRIC VIEW

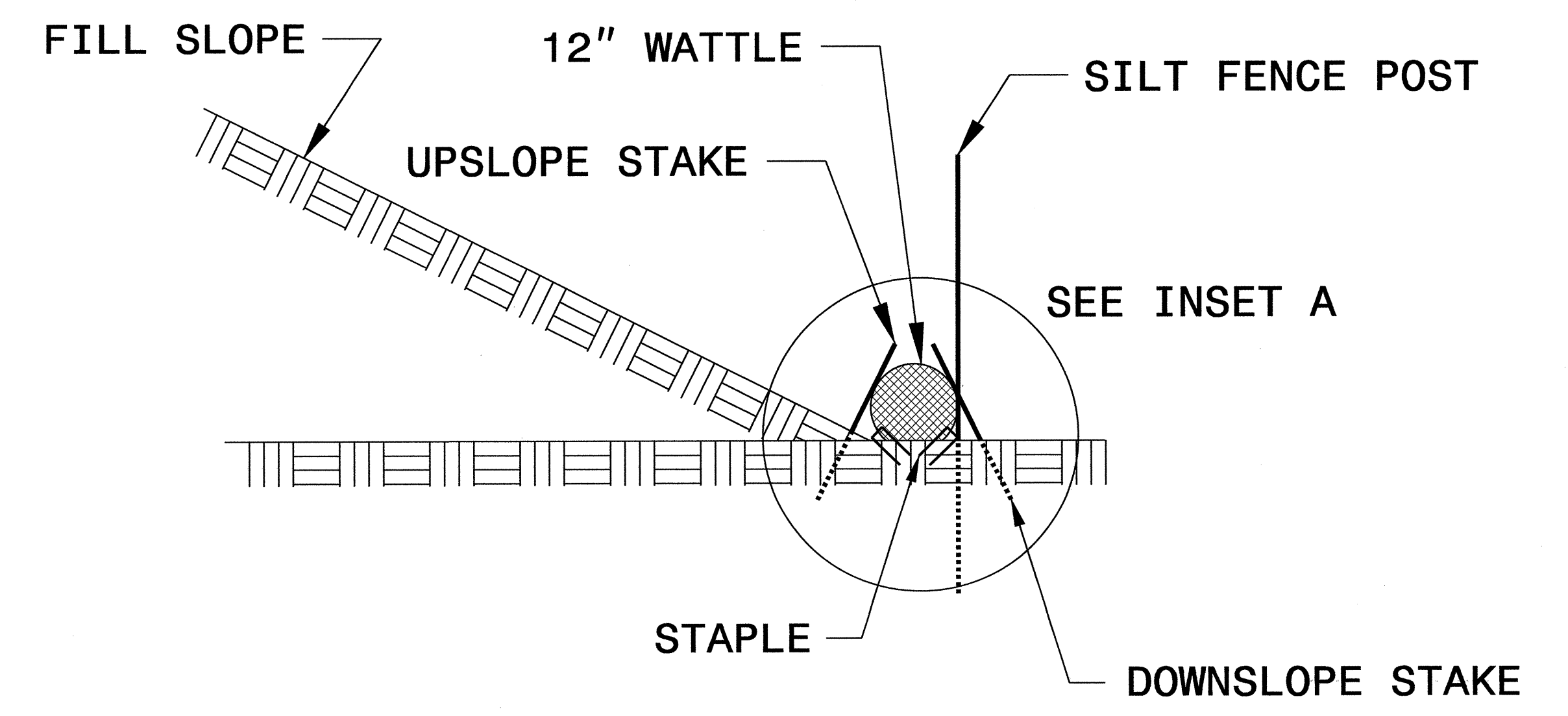
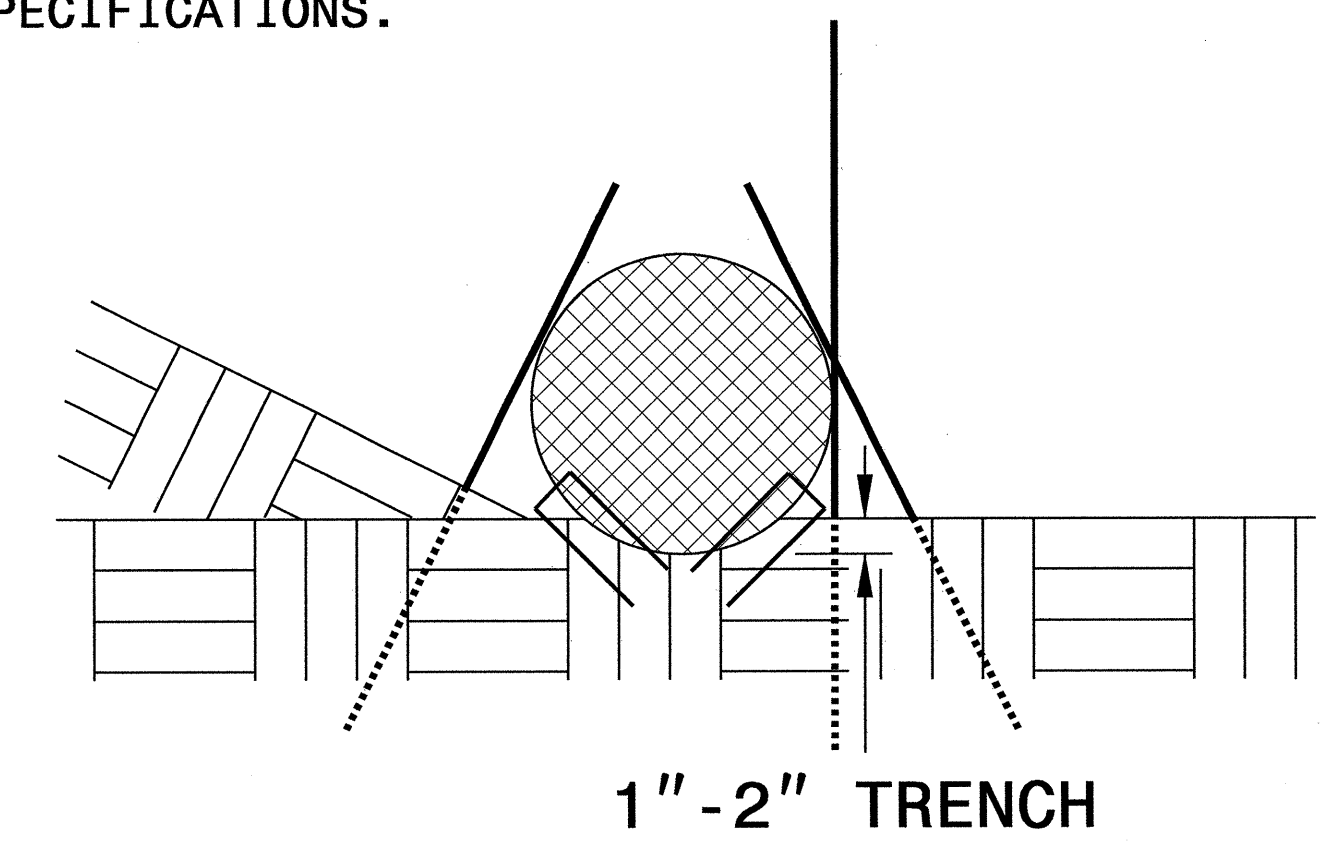


VIEW FROM SLOPE

NOTES:

- USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE AND LENGTH OF 10 FT.
- EXCAVATE A 1 TO 2 INCH TRENCH FOR WATTLE TO BE PLACED.
- DO NOT PLACE WATTLE ON TOE OF SLOPE.
- USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
- INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO GROUND.
- PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.
- INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.
- WATTLE INSTALLATION CAN BE ON OUTSIDE OF THE SILT FENCE AS DIRECTED.
- INSTALL TEMPORARY SILT FENCE IN ACCORDANCE WITH SECTION 1605 OF THE STANDARD SPECIFICATIONS.

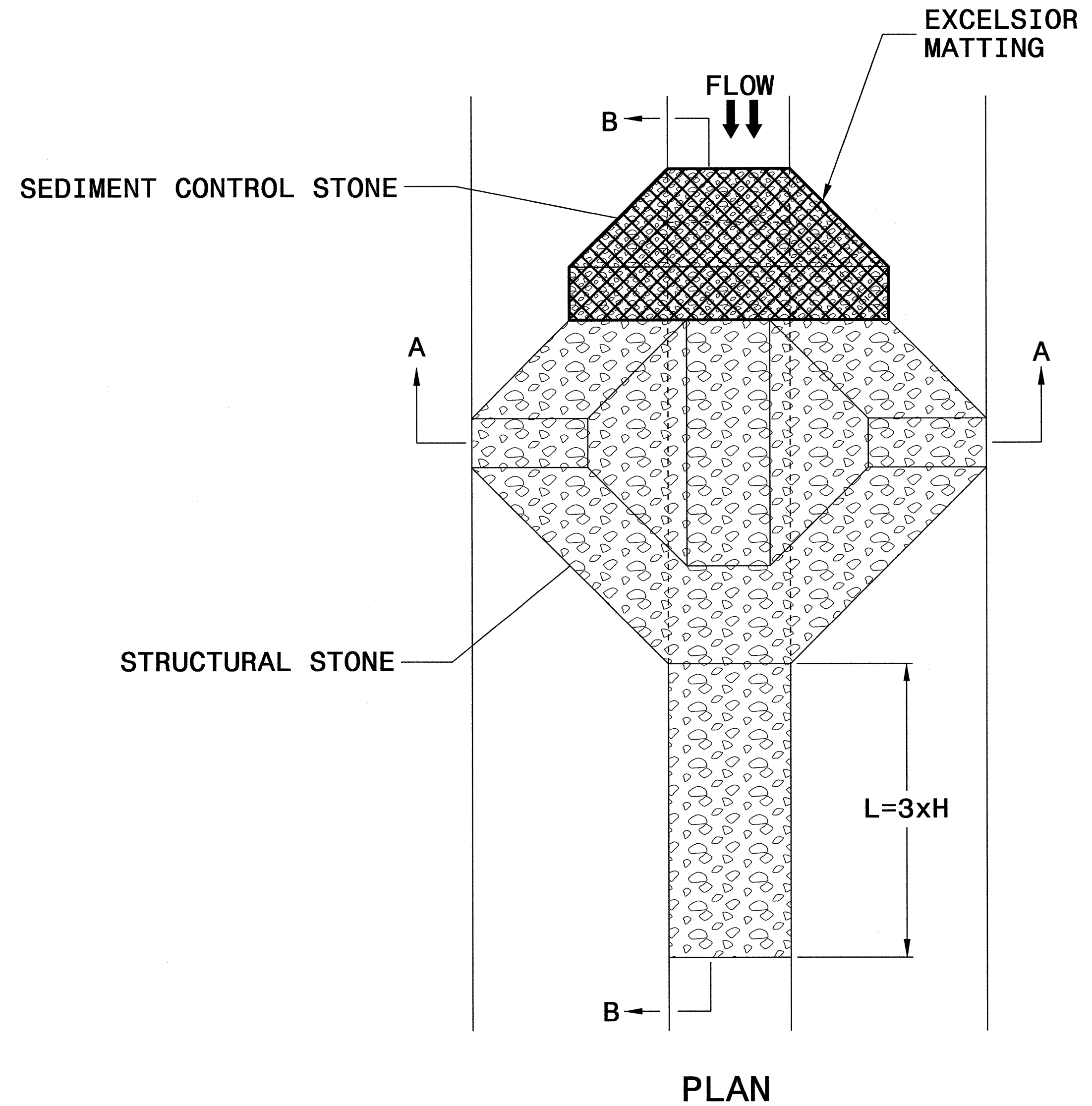
INSET A



SIDE VIEW

PROJECT REFERENCE NO. 1-4733	SHEET NO. EC-2D
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

TEMPORARY ROCK SILT CHECK TYPE 'A' WITH EXCELSIOR MATTING AND POLYACRYLAMIDE (PAM)

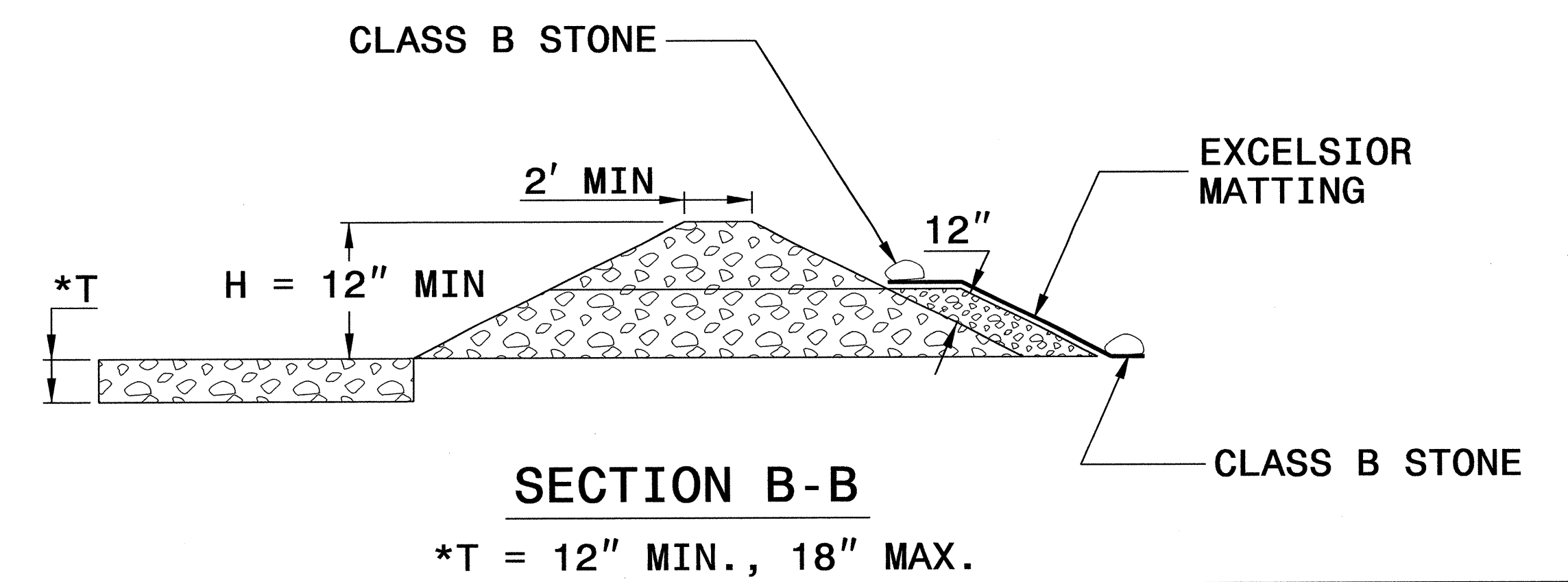
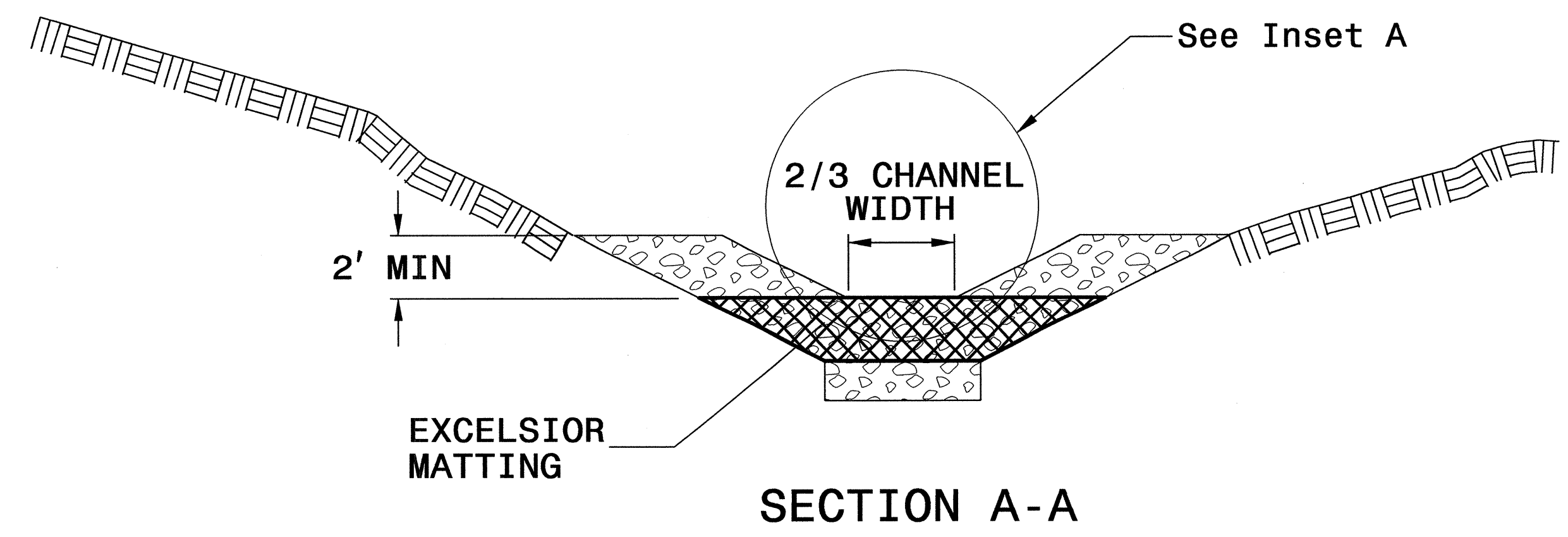
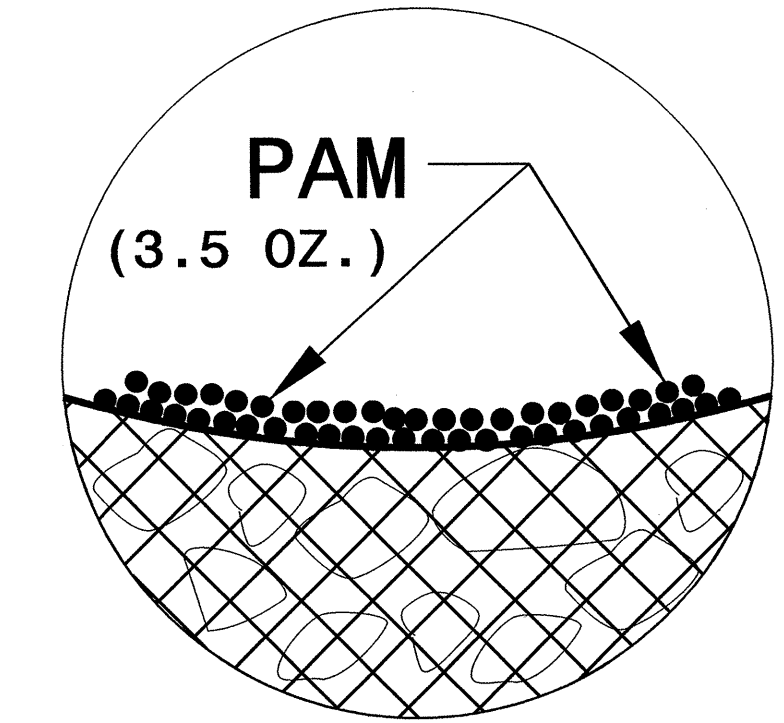


NOTES

USE EXCELSIOR FOR MATTING MATERIAL AND ANCHOR MATTING SECTION AT TOP AND BOTTOM WITH CLASS B STONE.

PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH ROCK SILT CHECK.

INITIALLY APPLY 3.5 OUNCES OF POLYACRYLAMIDE (PAM) TO TOP OF MATTING SECTION AND AFTER EVERY RAINFALL EVENT THAT EQUALS OR EXCEEDS 0.50 INCHES.



NOT TO SCALE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

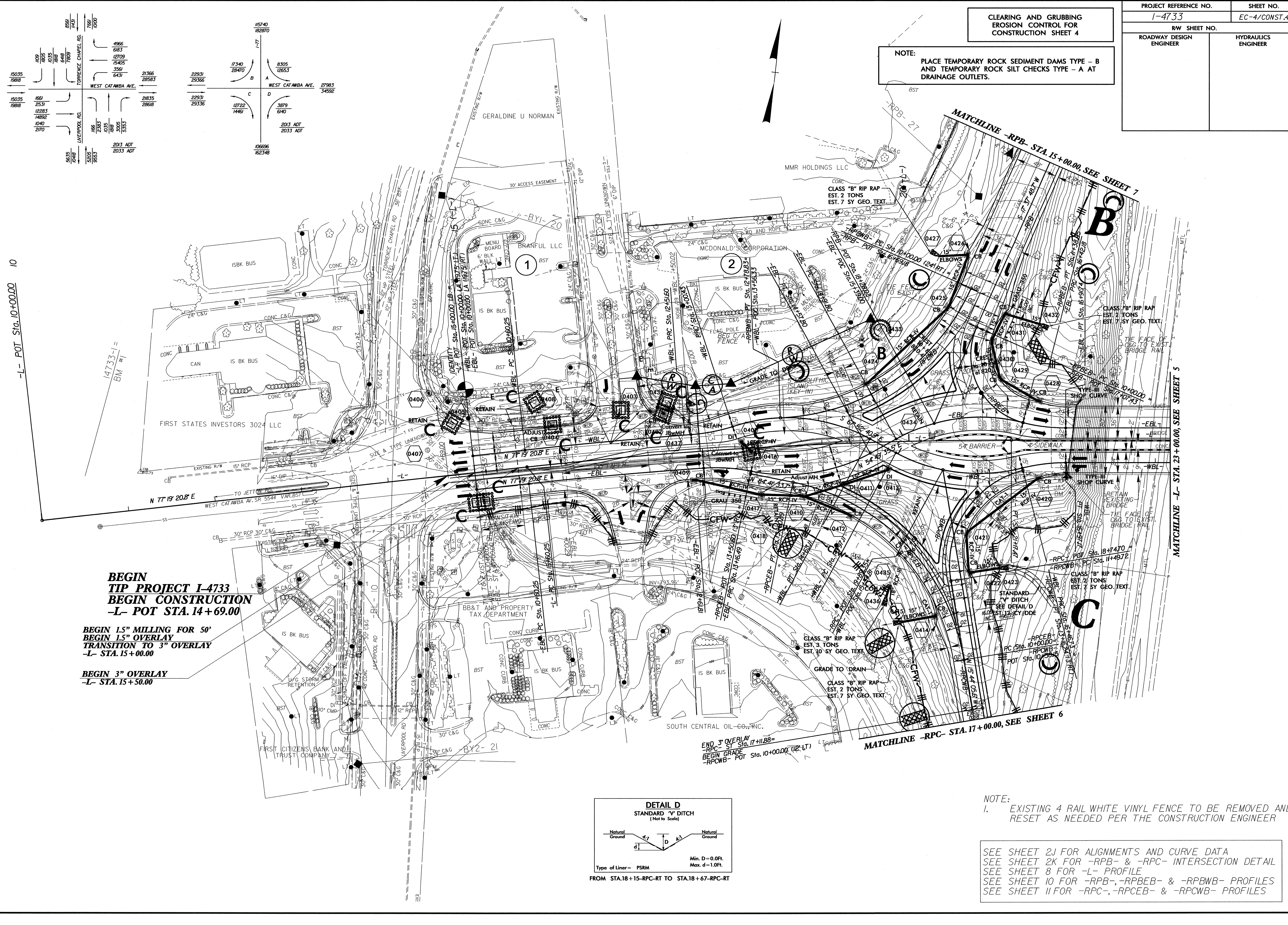
PROJECT REFERENCE NO. <i>1-4733</i>	SHEET NO. <i>EC-3A</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SOIL STABILIZATION TIMEFRAMES

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
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 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

5/14/09

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1-4733-EC.dwg



PROJECT REFERENCE NO.		SHEET NO.	
1-4733		EC-4/CONST.4	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

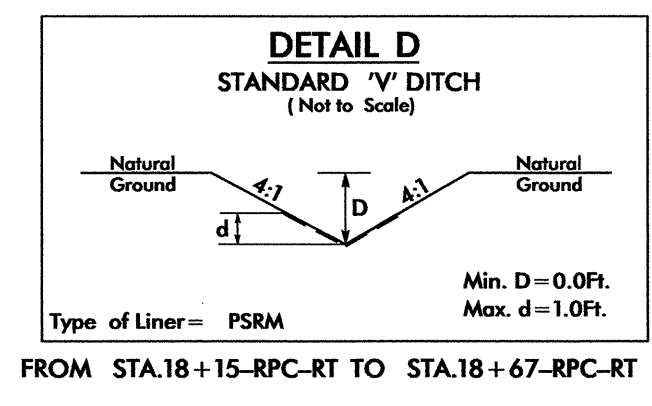
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

-L- POT Sta. 10+00.00 10

**BEGIN
TIP PROJECT 1-4733
BEGIN CONSTRUCTION
-L- POT STA. 14+69.00**

**BEGIN 1.5" MILLING FOR 50'
BEGIN 1.5" OVERLAY
TRANSITION TO 3" OVERLAY
-L- STA. 15+00.00**

**BEGIN 3" OVERLAY
-L- STA. 15+50.00**



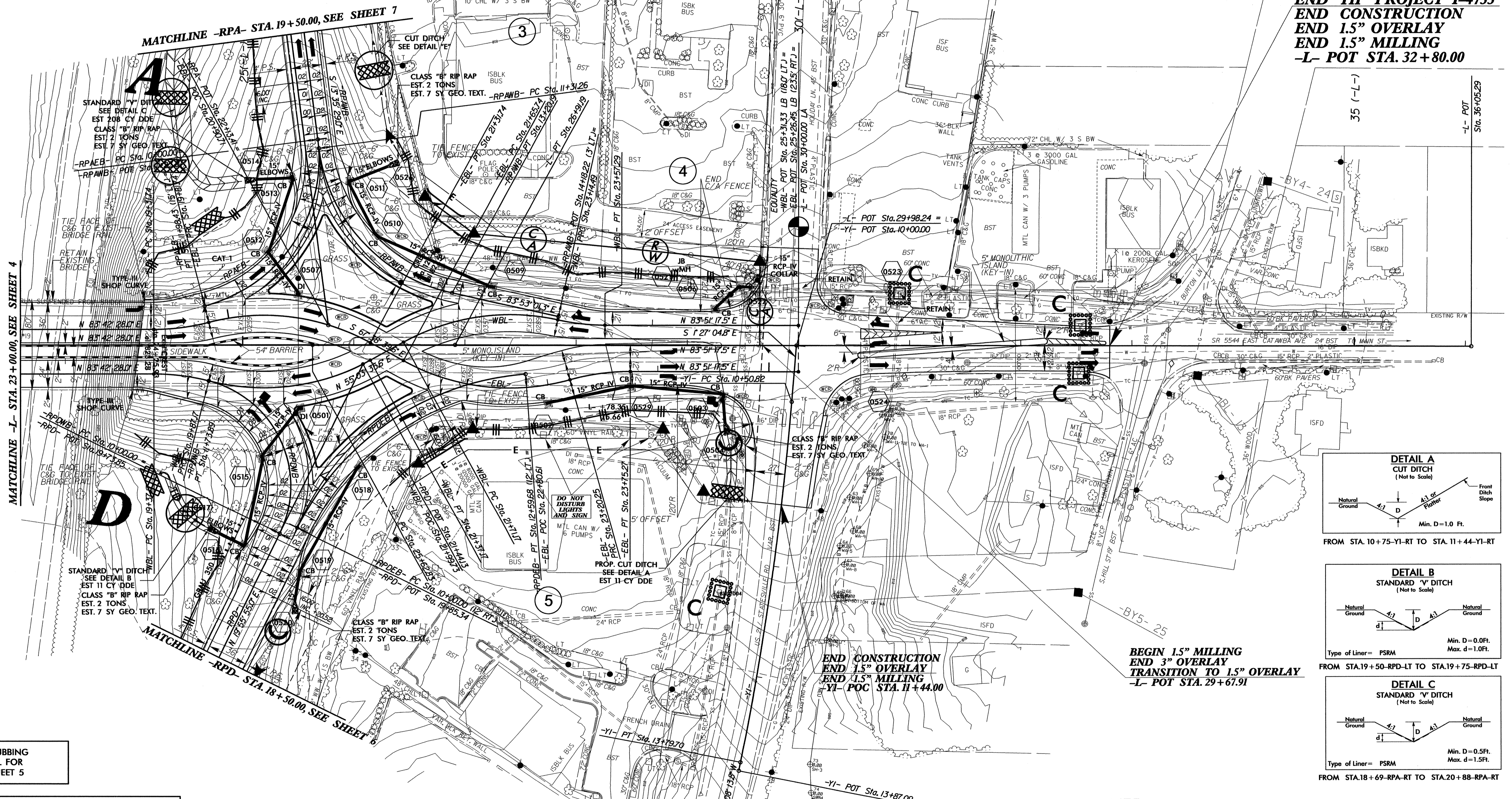
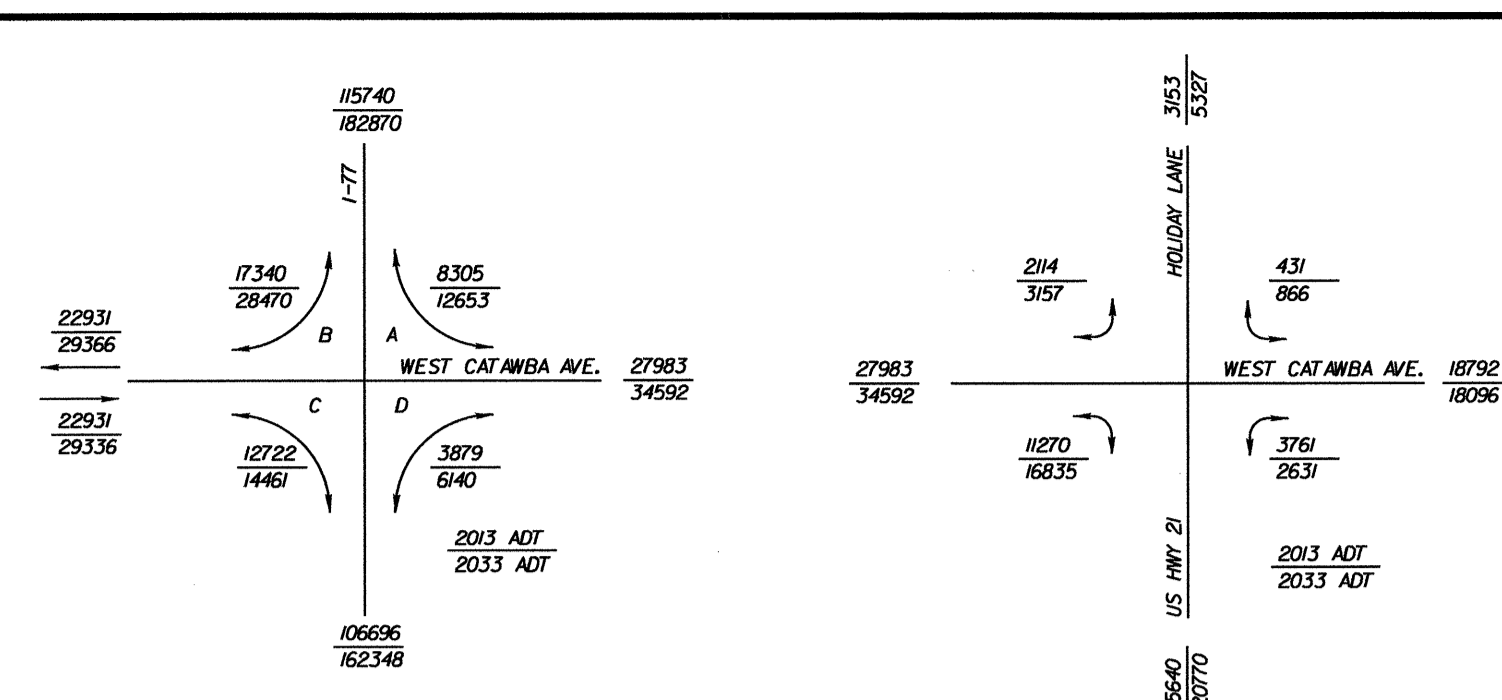
NOTE:
1. EXISTING 4 RAIL WHITE VINYL FENCE TO BE REMOVED AND
RESET AS NEEDED PER THE CONSTRUCTION ENGINEER

SEE SHEET 2J FOR ALIGNMENTS AND CURVE DATA
SEE SHEET 2K FOR -RPB- & -RPC- INTERSECTION DETAIL
SEE SHEET 8 FOR -L- PROFILE
SEE SHEET 10 FOR -RPB-, -RPBEB- & -RPBWB- PROFILES
SEE SHEET 11 FOR -RPC-, -RPCB- & -RPCWB- PROFILES

PROJECT REFERENCE NO.	SHEET NO.
1-4733	EC-5/CONST.5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

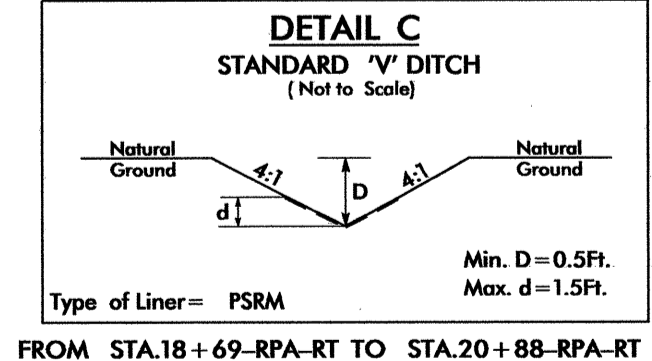
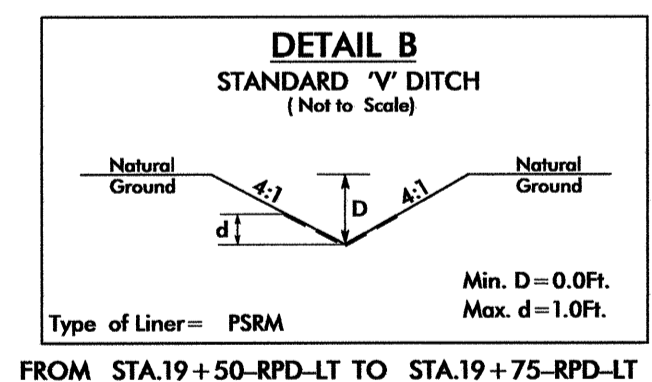
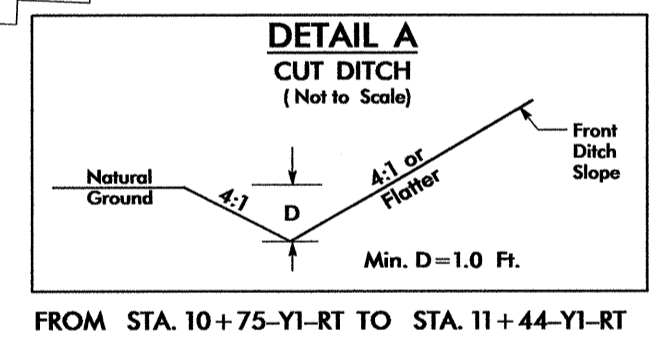
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END CONSTRUCTION
END 1.5" OVERLAY
END 1.5" MILLING
-L- POT STA. 32+80.00

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 pccan



CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 5

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



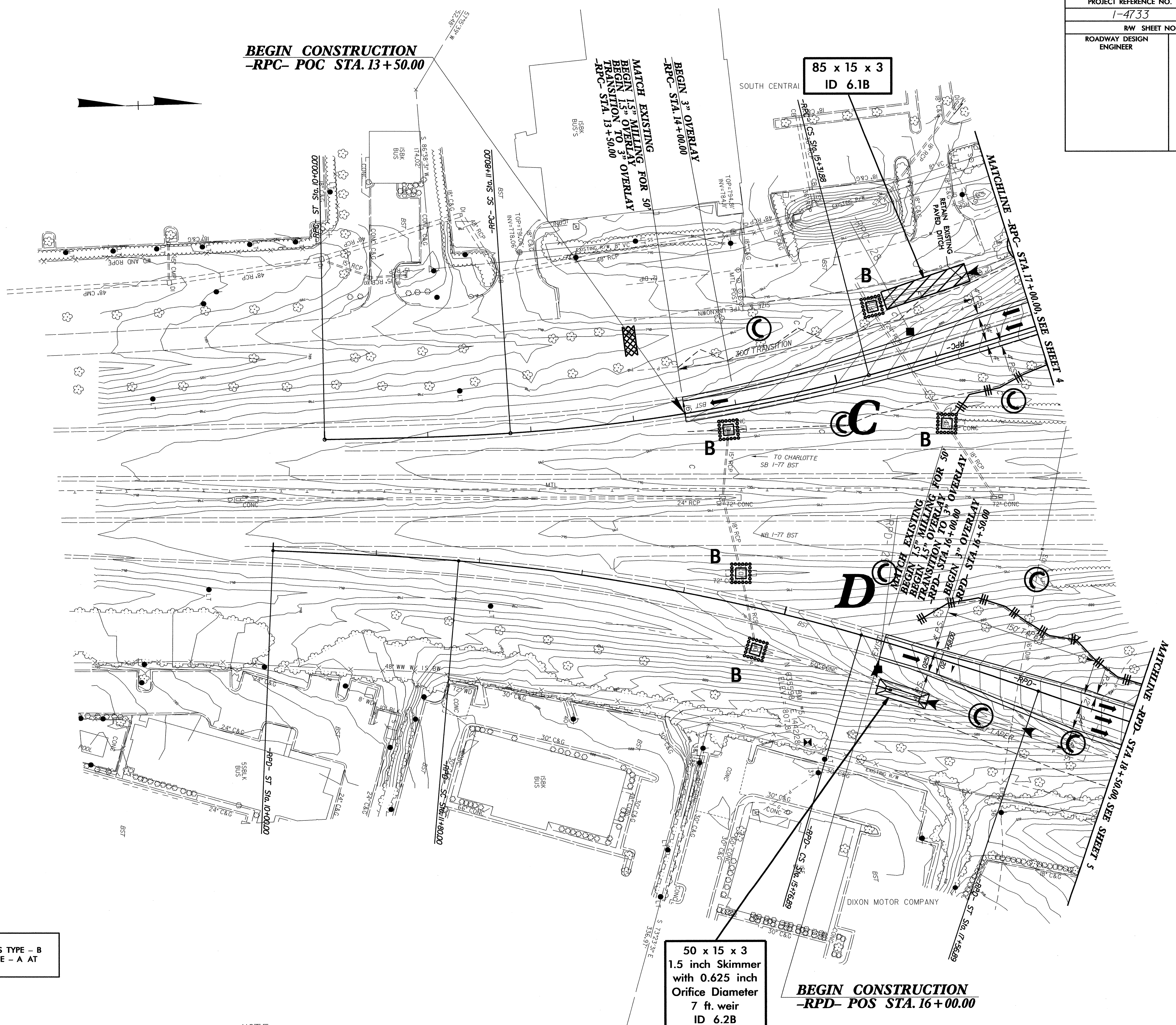
END CONSTRUCTION
END 1.5" OVERLAY
END 1.5" MILLING
-Y1- POC STA. 11+44.00

BEGIN 1.5" MILLING
END 3" OVERLAY
TRANSITION TO 1.5" OVERLAY
-L- POT STA. 29+67.91

NOTE:
 1. EXISTING 4 RAIL WHITE VINYL FENCE TO BE REMOVED AND
 RESET AS NEEDED PER THE CONSTRUCTION ENGINEER

SEE SHEET 2J FOR ALIGNMENTS AND CURVE DATA
 SEE SHEET 2L FOR -RPA- & -RPD- INTERSECTION DETAIL
 SEE SHEET 8 FOR -L- PROFILE
 SEE SHEET 9 FOR -RPA-, -RPAEB- & -RPAWB- PROFILES
 SEE SHEET 12 FOR -RPD-, -RPDEB- & -RPDWB- PROFILES
 SEE SHEET 13 FOR -Y1- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
1-4733	EC-6/CONST.6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



BEGIN CONSTRUCTION
-RPC- POC STA. 13+50.00

85 x 15 x 3
ID 6.1B

MATCH EXISTING FOR 50'
BEGIN 1.5" MILLING OVERLAY
BEGIN 3" OVERLAY TO
TRANSITION TO
RPC- STA. 13+50.00

BEGIN 3" OVERLAY
RPC- STA. 14+00.00

MATCH EXISTING FOR 50'
BEGIN 1.5" MILLING OVERLAY
TRANSITION TO
RPC- STA. 16+00.00
BEGIN 3" OVERLAY
RPC- STA. 18+50.00

BEGIN CONSTRUCTION
-RPD- POS STA. 16+00.00

50 x 15 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
7 ft. weir
ID 6.2B

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 6

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

NOTE:
1. EXISTING 4 RAIL WHITE VINYL FENCE TO BE REMOVED AND
RESET AS NEEDED PER THE CONSTRUCTION ENGINEER

SEE SHEET 2J FOR ALIGNMENTS AND CURVE DATA
SEE SHEET 11 FOR -RPC- PROFILE
SEE SHEET 12 FOR -RPD- PROFILE

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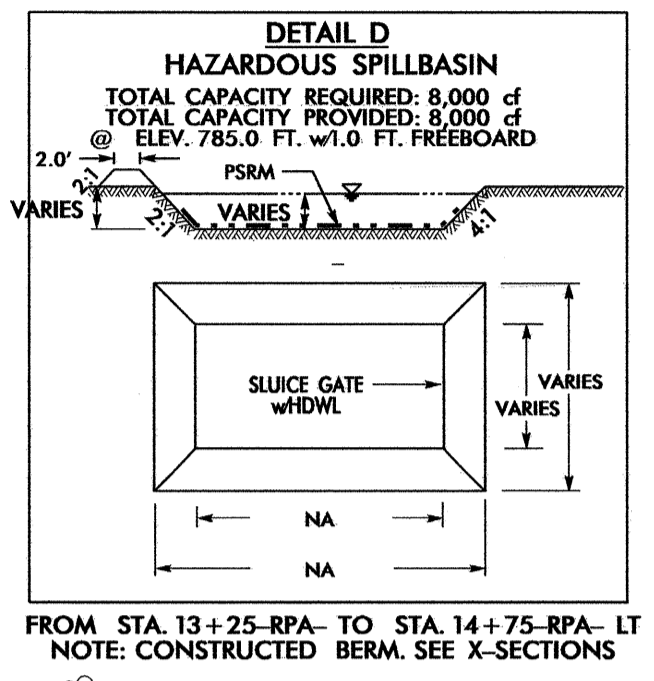
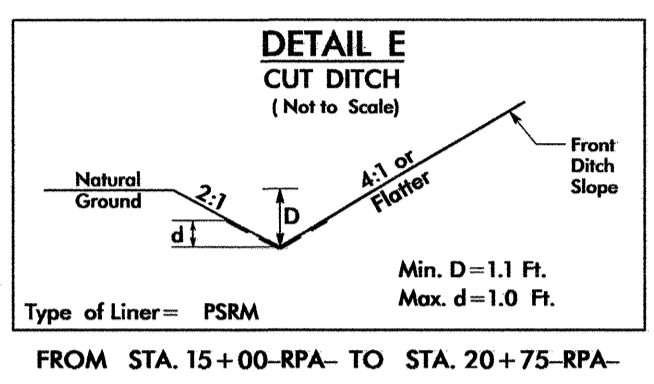
**CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 7**

PROJECT REFERENCE NO. 1-4733	SHEET NO. EC-7/CONST.7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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

UTILIZE HAZARDOUS SPILL BASIN(S) AS
SILT BASIN DURING CONSTRUCTION.

**BEGIN CONSTRUCTION
-RPB- POT STA. 11+00.00**



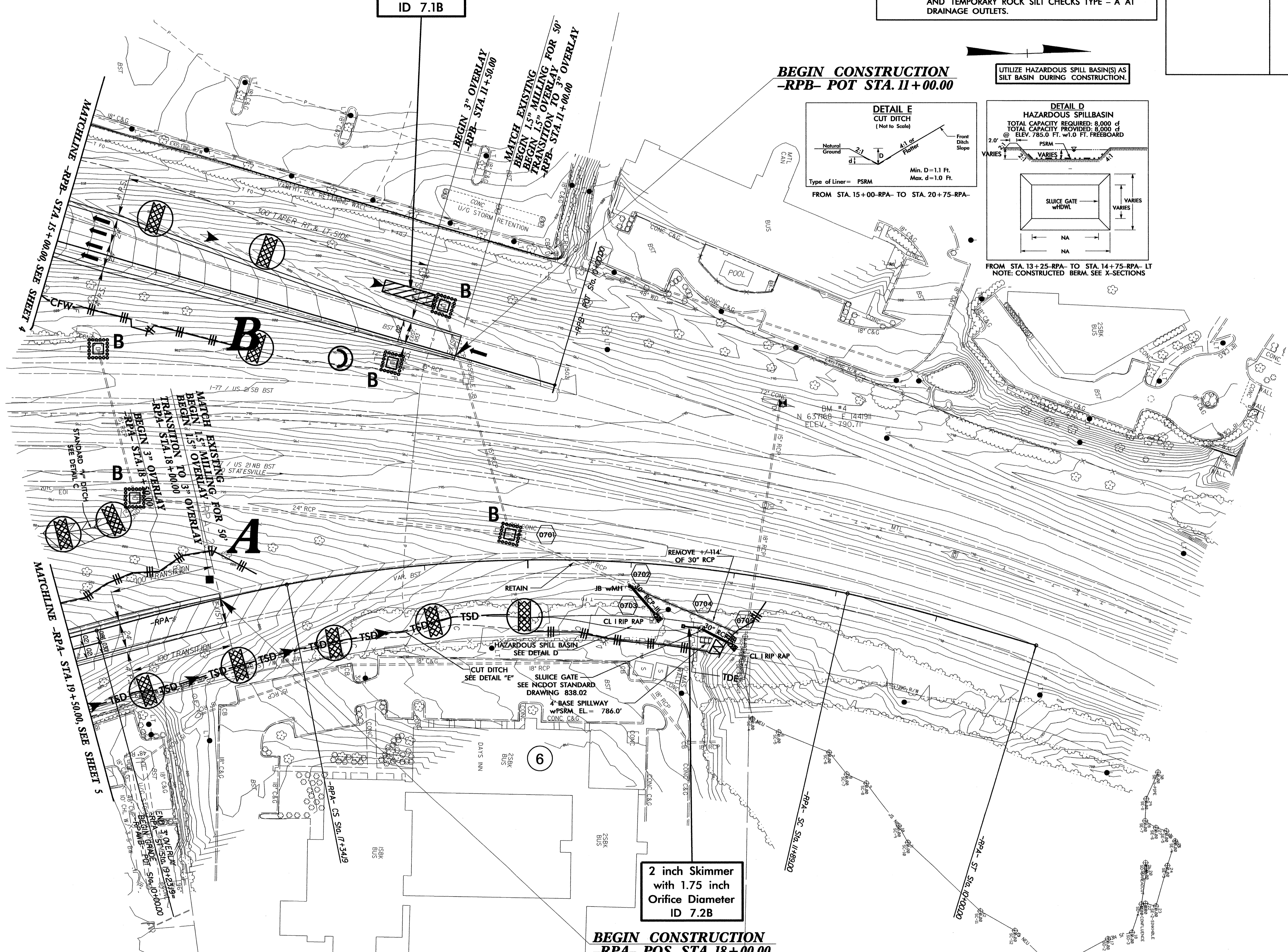
50 x 12 x 3
ID 7.1B

2 inch Skimmer
with 1.75 inch
Orifice Diameter
ID 7.2B

**BEGIN CONSTRUCTION
-RPA- POS STA. 18+00.00**

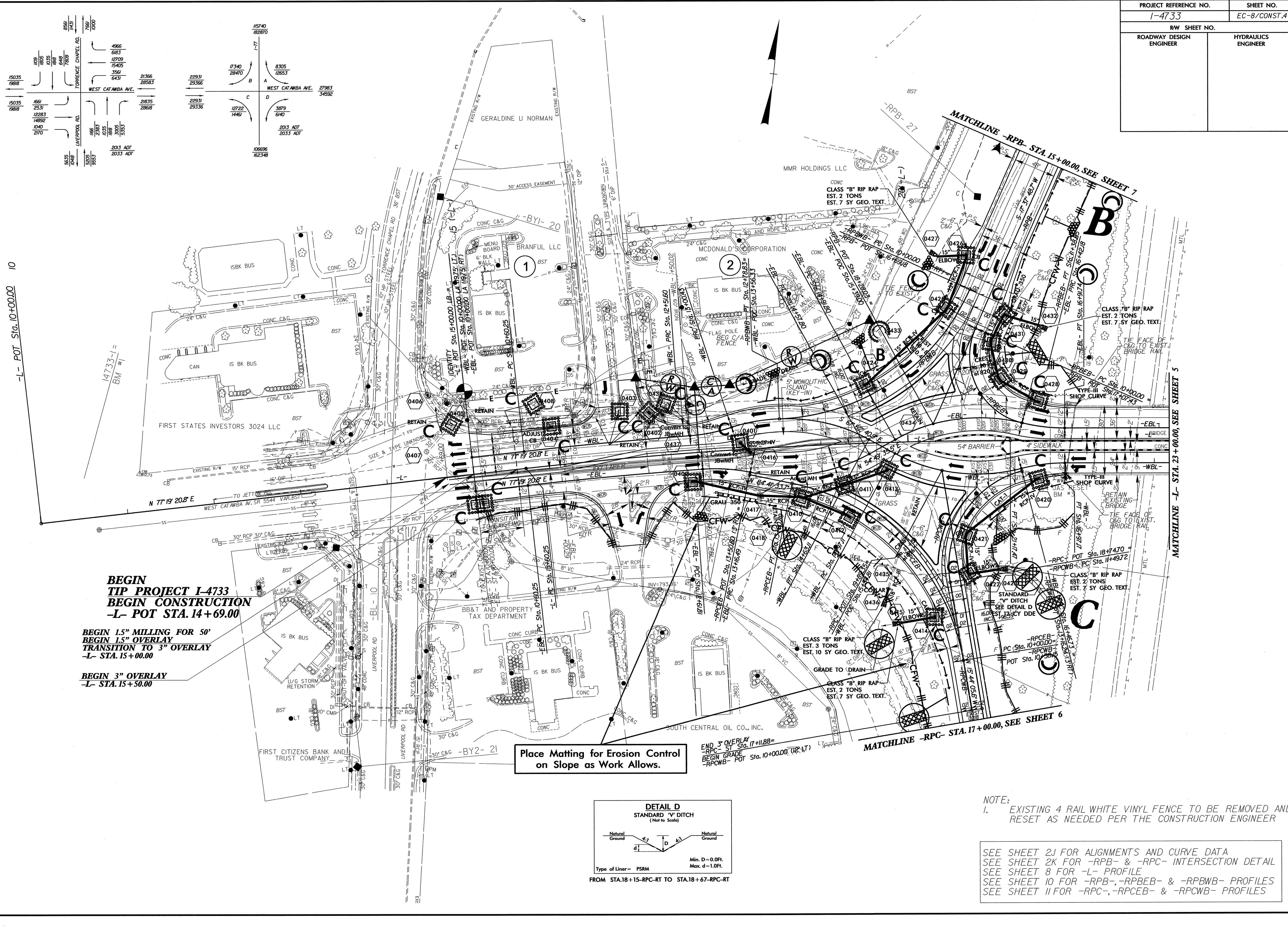
NOTE:
1. EXISTING 4 RAIL WHITE VINYL FENCE TO BE REMOVED AND
RESET AS NEEDED PER THE CONSTRUCTION ENGINEER

SEE SHEET 2J FOR ALIGNMENTS AND CURVE DATA
SEE SHEET 9 FOR -RPA- PROFILE
SEE SHEET 10 FOR -RPB- PROFILE



PROJECT REFERENCE NO.	SHEET NO.
1-4733	EC-8/CONST.4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

5/14/99



-L- POT Sta. 10+00.00 10

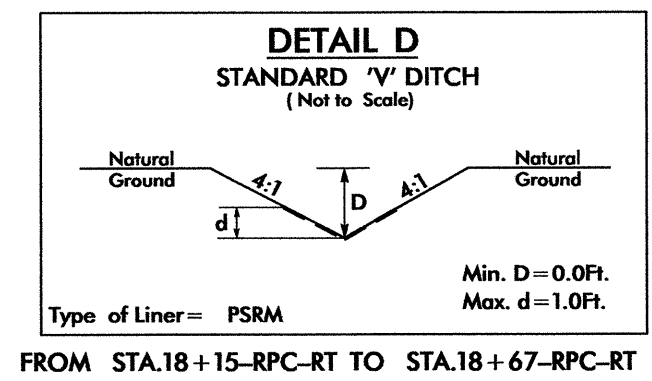
14733-1
BM #1

**BEGIN TIP PROJECT 1-4733
BEGIN CONSTRUCTION
-L- POT STA. 14+69.00**

**BEGIN 1.5" MILLING FOR 50'
BEGIN 1.5" OVERLAY
TRANSITION TO 3" OVERLAY
-L- STA. 15+00.00**

**BEGIN 3" OVERLAY
-L- STA. 15+50.00**

**Place Matting for Erosion Control
on Slope as Work Allows.**



NOTE:
1. EXISTING 4 RAIL WHITE VINYL FENCE TO BE REMOVED AND RESET AS NEEDED PER THE CONSTRUCTION ENGINEER

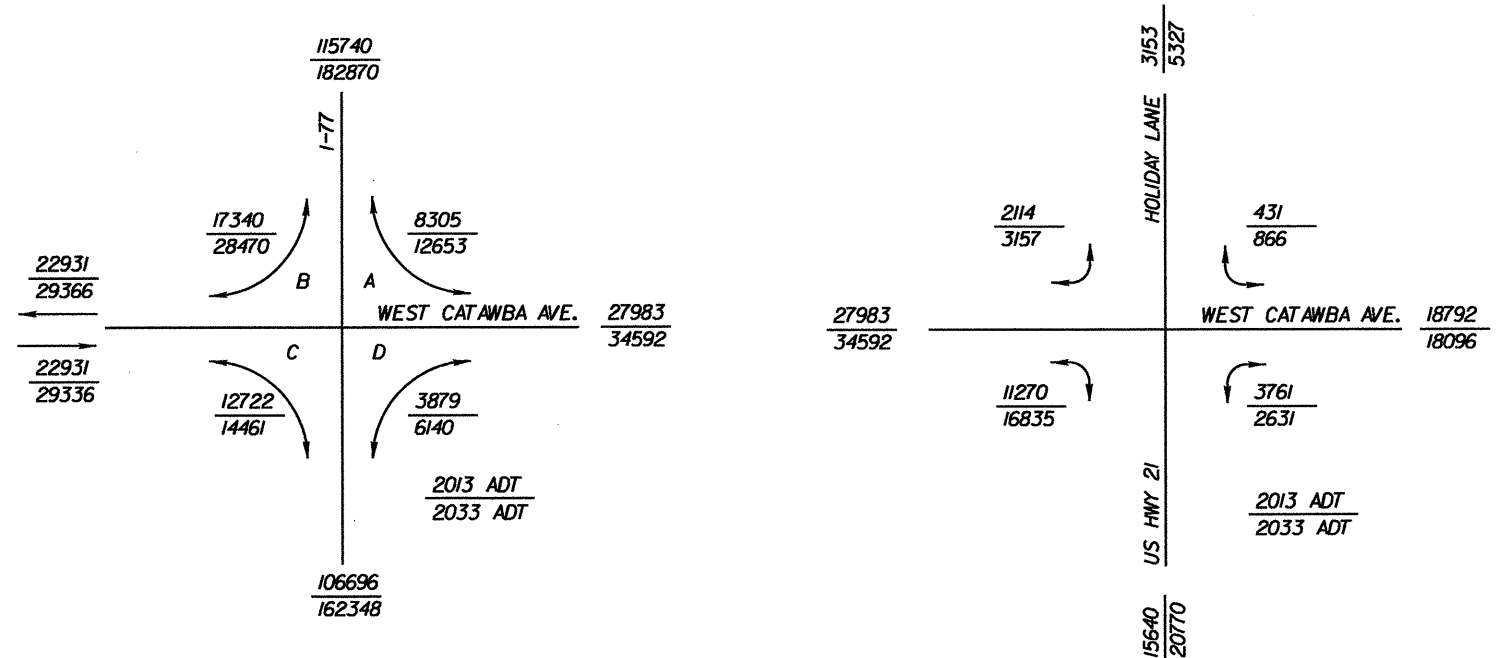
SEE SHEET 2J FOR ALIGNMENTS AND CURVE DATA
SEE SHEET 2K FOR -RPB- & -RPC- INTERSECTION DETAIL
SEE SHEET 8 FOR -L- PROFILE
SEE SHEET 10 FOR -RPB-, -RPBEB- & -RPBWB- PROFILES
SEE SHEET 11 FOR -RPC-, -RPCB- & -RPCWB- PROFILES

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14733-1.dwg

PROJECT REFERENCE NO. 1-4733	SHEET NO. EC-9/CONST.5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

END TIP PROJECT 1-4733
END CONSTRUCTION
END 1.5" OVERLAY
END 1.5" MILLING
-L- POT STA. 32+80.00

5/14/99

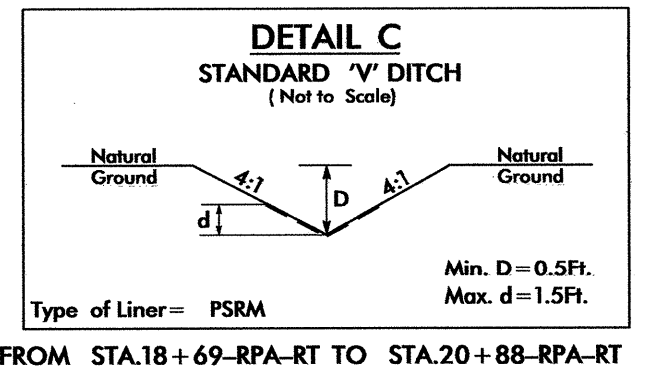
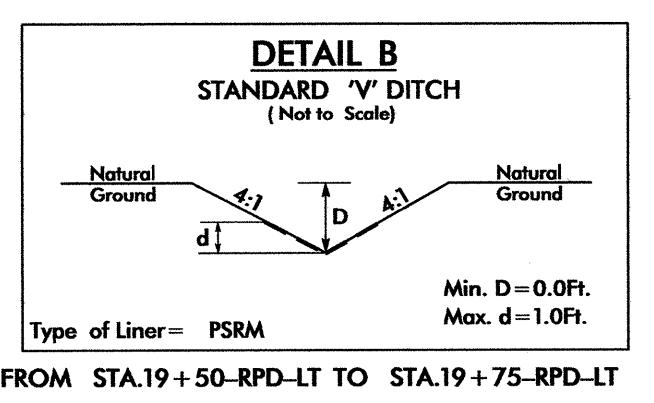
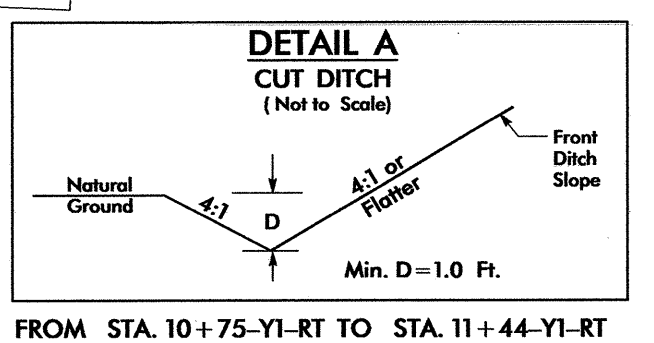
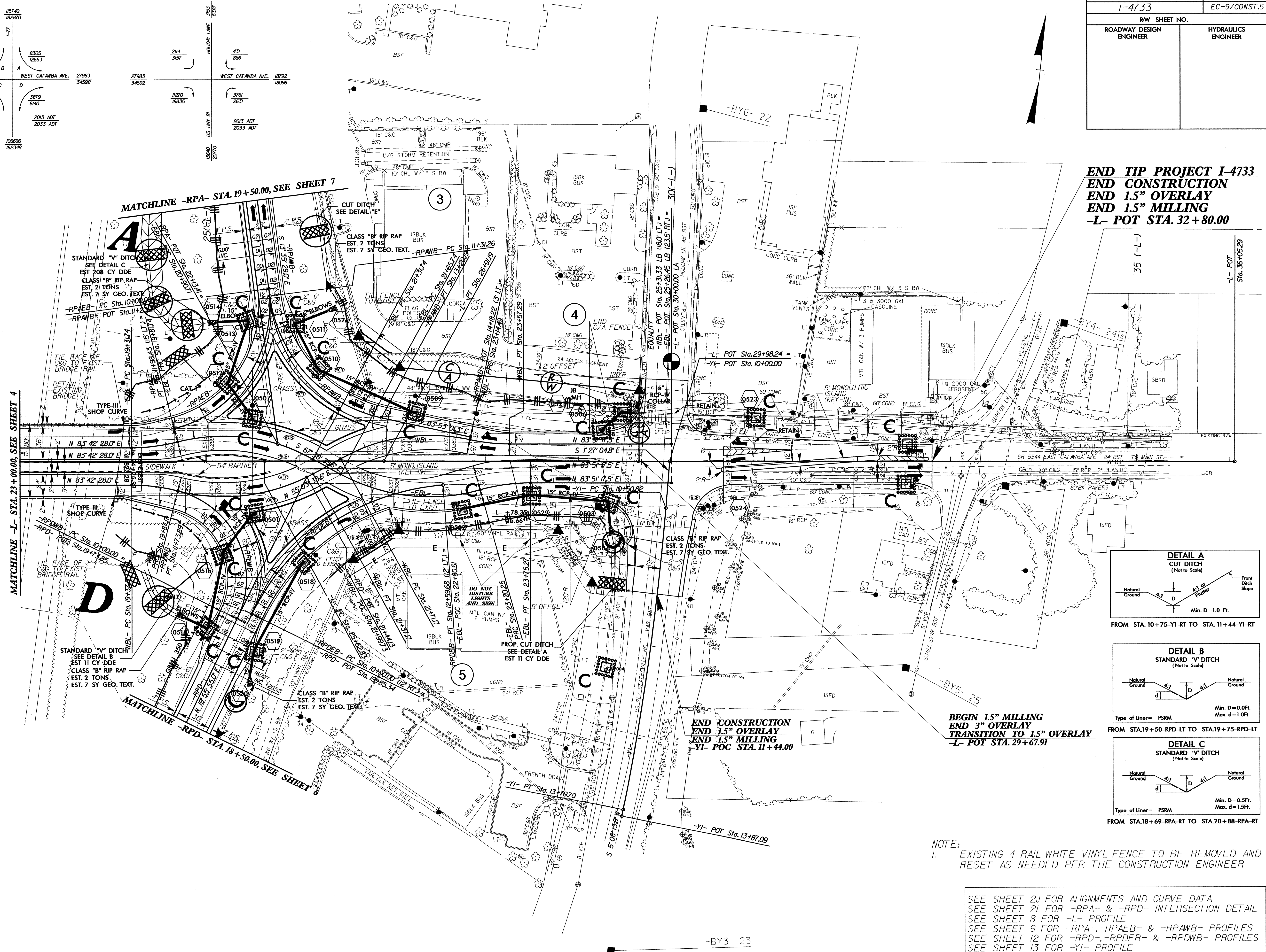


MATCHLINE -RPA- STA. 19+50.00, SEE SHEET 7

MATCHLINE -L- STA. 23+00.00, SEE SHEET 4

MATCHLINE -RPD- STA. 18+50.00, SEE SHEET 6

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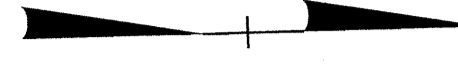
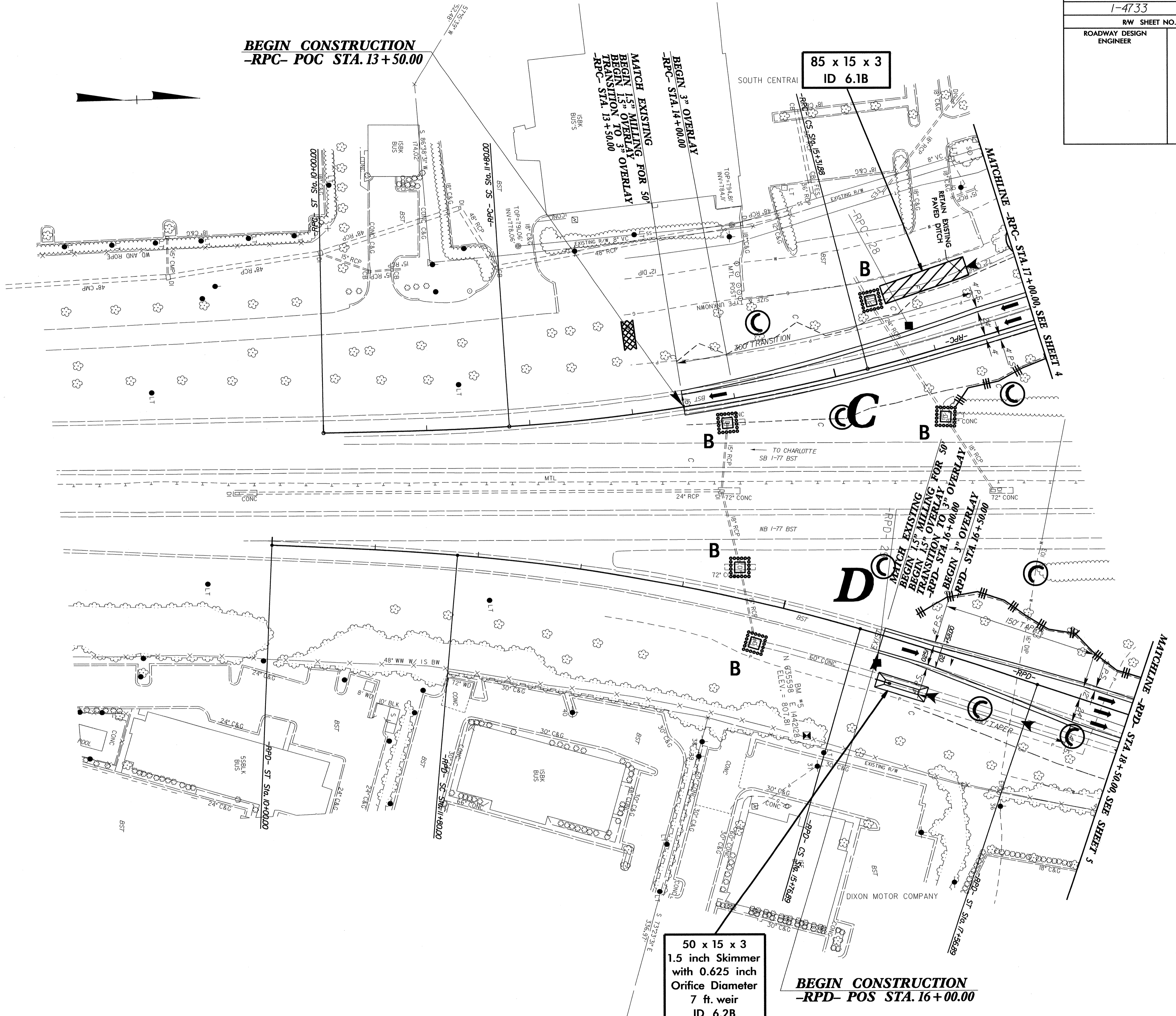
END CONSTRUCTION
END 1.5" OVERLAY
END 1.5" MILLING
-YI- POC STA. 11+44.00

BEGIN 1.5" MILLING
END 3" OVERLAY
TRANSITION TO 1.5" OVERLAY
-L- POT STA. 29+67.91

NOTE:
 1. EXISTING 4 RAIL WHITE VINYL FENCE TO BE REMOVED AND RESET AS NEEDED PER THE CONSTRUCTION ENGINEER

SEE SHEET 2J FOR ALIGNMENTS AND CURVE DATA
 SEE SHEET 2L FOR -RPA- & -RPD- INTERSECTION DETAIL
 SEE SHEET 8 FOR -L- PROFILE
 SEE SHEET 9 FOR -RPA-, -RPAEB- & -RPAWB- PROFILES
 SEE SHEET 12 FOR -RPD-, -RPDEB- & -RPDWB- PROFILES
 SEE SHEET 13 FOR -YI- PROFILE

PROJECT REFERENCE NO.	SHEET NO.
1-4733	EC-10/CONST.6
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



BEGIN CONSTRUCTION
-RPC- POC STA. 13+50.00

85 x 15 x 3
ID 6.1B

50 x 15 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
7 ft. weir
ID 6.2B

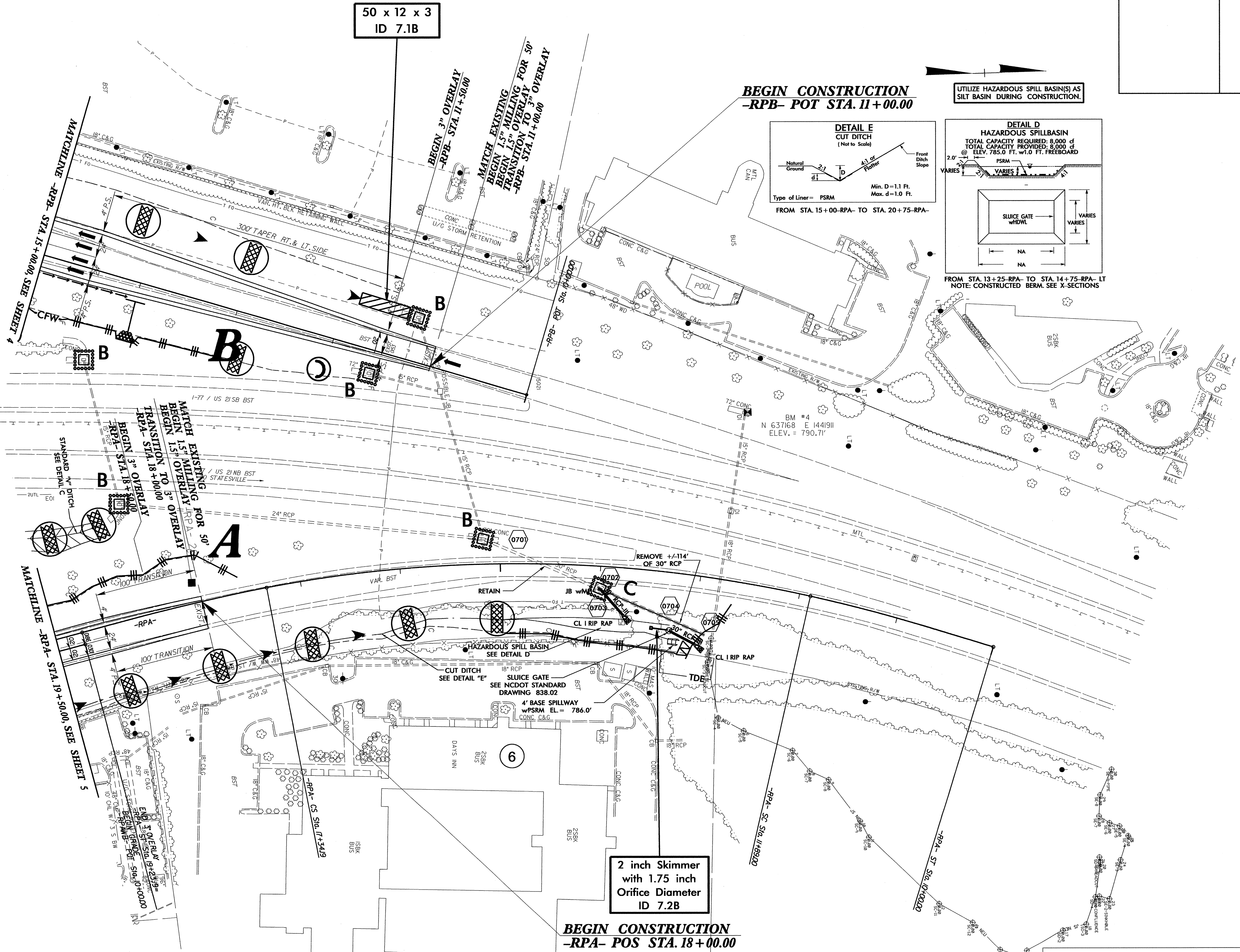
BEGIN CONSTRUCTION
-RPD- POS STA. 16+00.00

NOTE:
1. EXISTING 4 RAIL WHITE VINYL FENCE TO BE REMOVED AND RESET AS NEEDED PER THE CONSTRUCTION ENGINEER

SEE SHEET 2J FOR ALIGNMENTS AND CURVE DATA
SEE SHEET 11 FOR -RPC- PROFILE
SEE SHEET 12 FOR -RPD- PROFILE

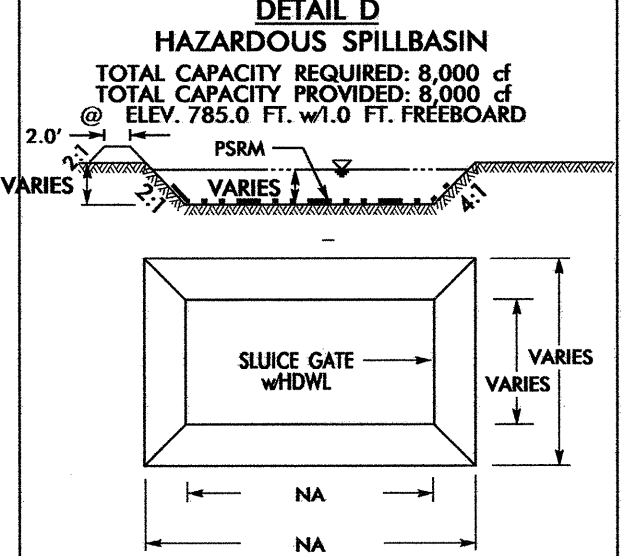
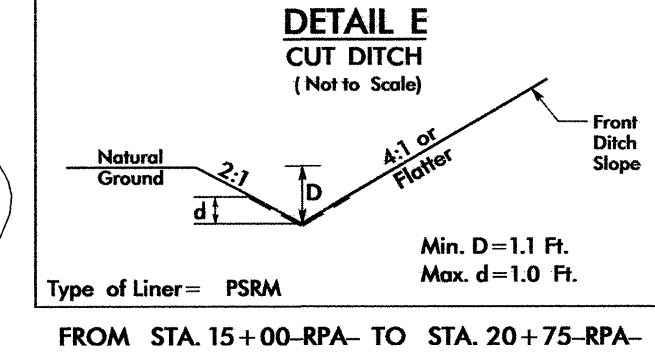
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PROJECT REFERENCE NO.		SHEET NO.	
I-4733		EC-II/CONST.7	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



BEGIN CONSTRUCTION
-RPB- POT STA. 11+00.00

UTILIZE HAZARDOUS SPILL BASIN(S) AS SILT BASIN DURING CONSTRUCTION.



BEGIN CONSTRUCTION
-RPA- POS STA. 18+00.00

2 inch Skimmer
with 1.75 inch
Orifice Diameter
ID 7.2B

NOTE:
1. EXISTING 4 RAIL WHITE VINYL FENCE TO BE REMOVED AND RESET AS NEEDED PER THE CONSTRUCTION ENGINEER

SEE SHEET 2J FOR ALIGNMENTS AND CURVE DATA
SEE SHEET 9 FOR -RPA- PROFILE
SEE SHEET 10 FOR -RPB- PROFILE

5/14/99

10-JUN-2013 13:14
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ALBEN