

TIP PROJECT: R-2100B

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
 PLAN FOR PROPOSED
 HIGHWAY EROSION CONTROL
ASHE COUNTY

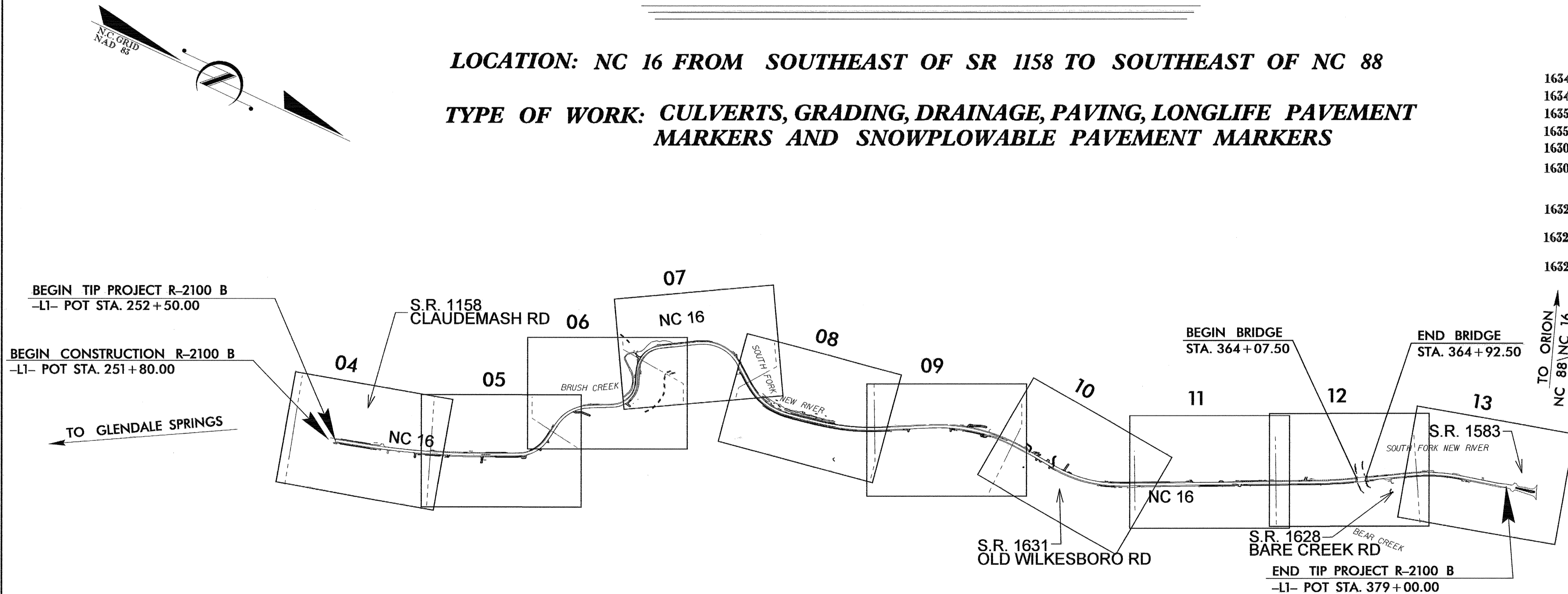
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2100B	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	TD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	III III III
1606.01	Special Sediment Control Fence	III III III
1622.01	Temporary Berms and Slope Drains	T
	Silt Basin Type B	S
1633.01	Temporary Rock Silt Check Type-A	R
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	R
	Temporary Rock Silt Check Type-B	R
	Wattle	W
1634.01	Temporary Rock Sediment Dam Type-A	RSD
1634.02	Temporary Rock Sediment Dam Type-B	RSD
1635.01	Rock Pipe Inlet Sediment Trap Type-A	RPI
1635.02	Rock Pipe Inlet Sediment Trap Type-B	RPI
1630.04	Stilling Basin	S
1630.06	Special Stilling Basin	S
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	S
	Tiered Skimmer Basin	S
	Infiltration Basin	S

LOCATION: NC 16 FROM SOUTHEAST OF SR 1158 TO SOUTHEAST OF NC 88

TYPE OF WORK: CULVERTS, GRADING, DRAINAGE, PAVING, LONGLIFE PAVEMENT MARKERS AND SNOWPLOWABLE PAVEMENT MARKERS



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

THIS PROJECT HAS BEEN DESIGNED TO SENSITIVE WATERSHED STANDARDS.

ENVIRONMENTALLY SENSITIVE AREA(S) EXIST ON THIS PROJECT
 Refer To E. C. Special Provisions for Special Considerations.

HIGH QUALITY WATER(S) EXIST ON THIS PROJECT
 High Quality Water Zone(s) Exist From Sta. 251+80 to Sta. 379+00
 Refer To E. C. Special Provisions for Special Considerations.

GRAPHIC SCALE

0

 PLANS

0

 PROFILE (HORIZONTAL)

0

 PROFILE (VERTICAL)

ROADSIDE ENVIRONMENTAL UNIT
 DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA

Prepared In the Office of:
ROADSIDE ENVIRONMENTAL UNIT
 1 South Wilmington St.
 Raleigh, NC 27611
2006 STANDARD SPECIFICATIONS

Roadway Standard Drawings

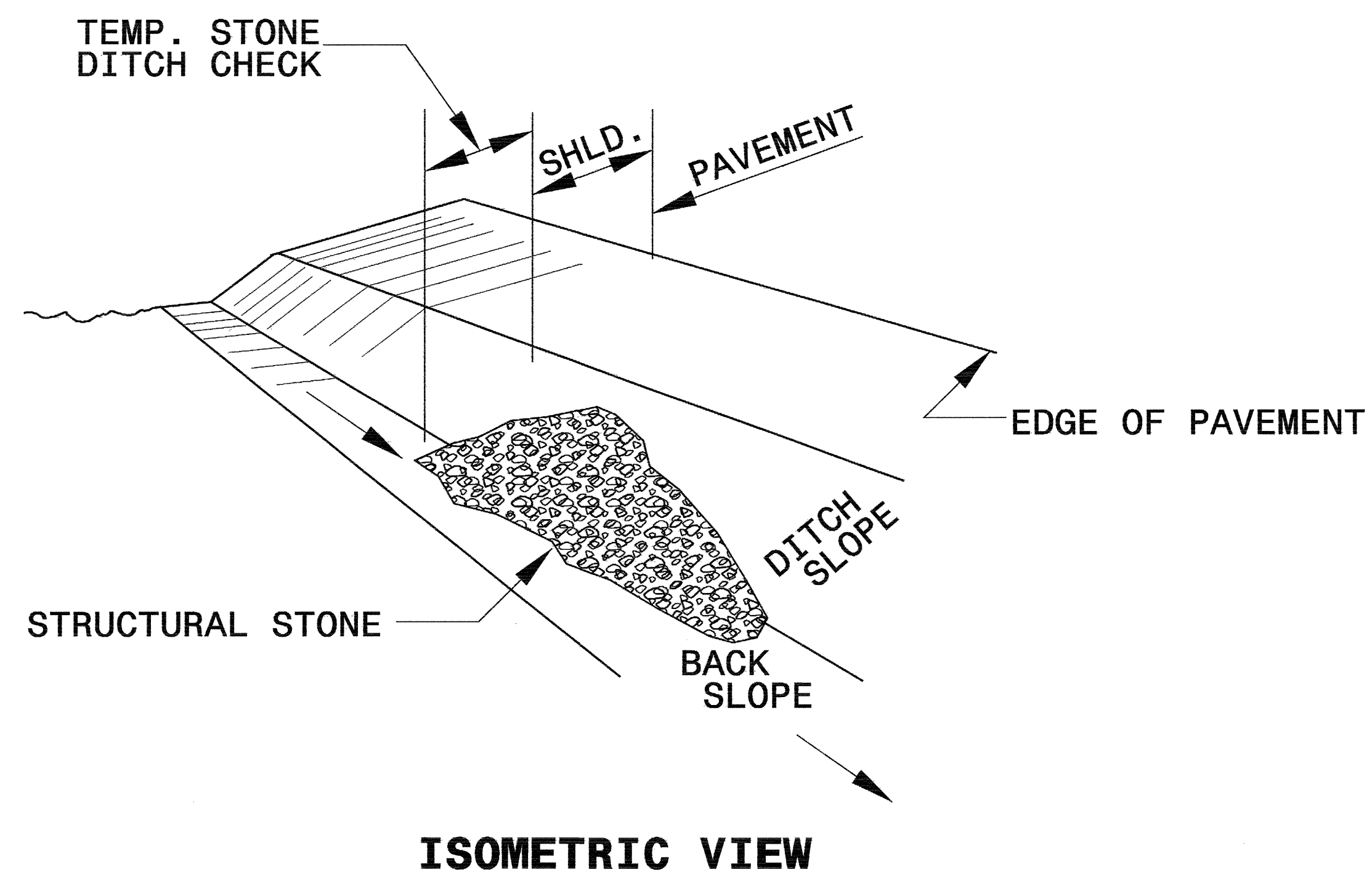
The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated July 18, 2006 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

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	1635.01 Rock Pipe Inlet Sediment Trap Type A
1630.03 Temporary Silt Ditch	1635.02 Rock Pipe Inlet Sediment Trap Type B
1630.06 Special Stilling Basin	

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PROJECT REFERENCE NO. <i>R-2100B</i>	SHEET NO. <i>EC-2</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

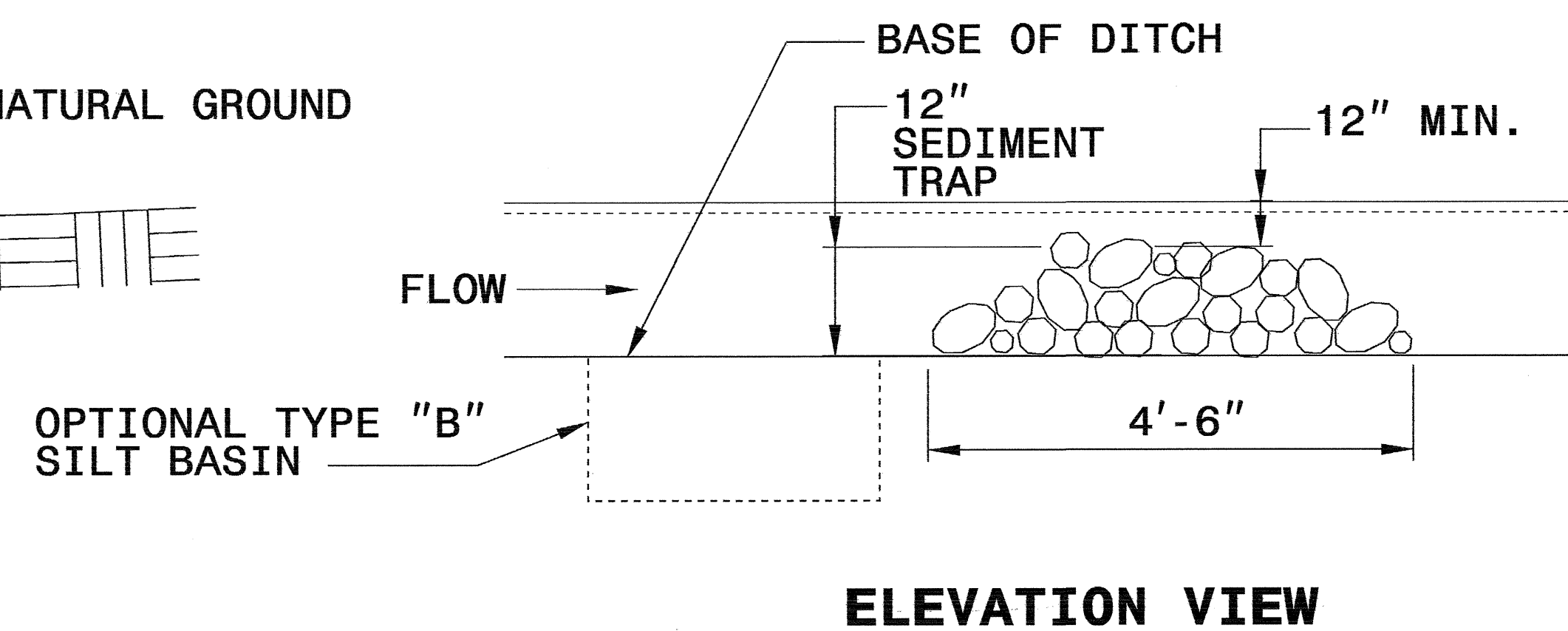
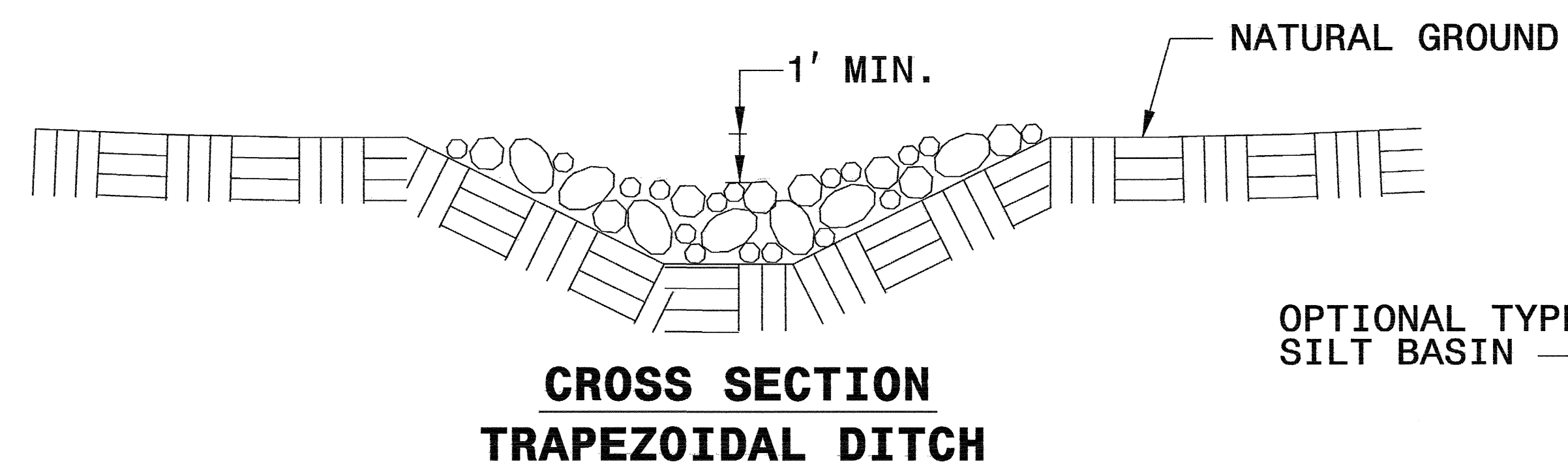
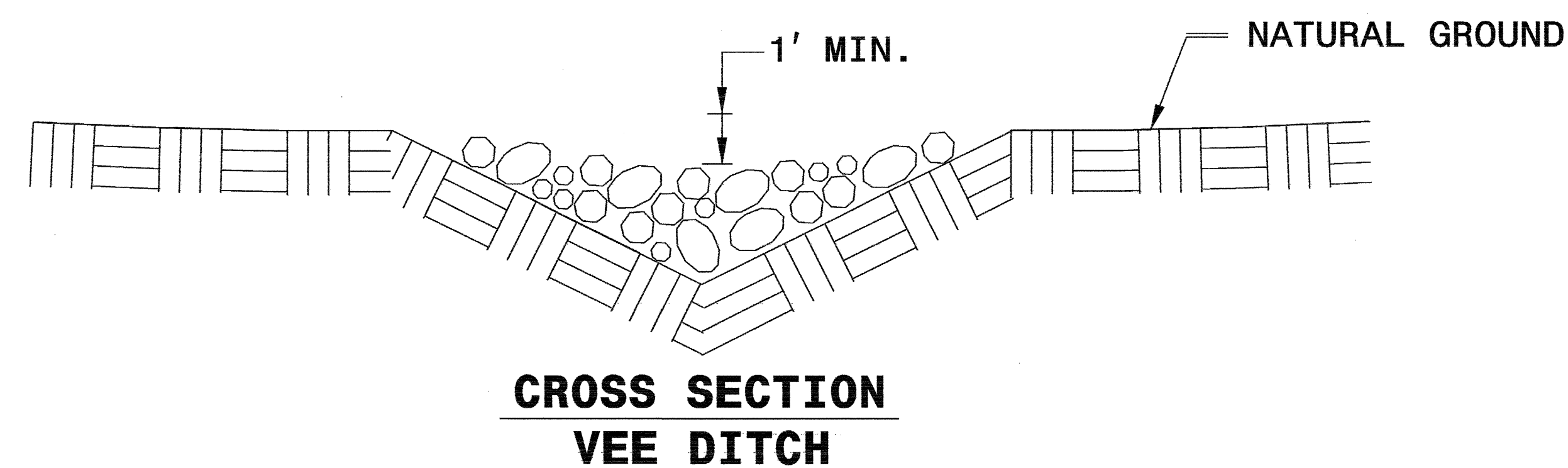
TEMPORARY ROCK SILT CHECK TYPE 'B' DETAIL



NOTES:

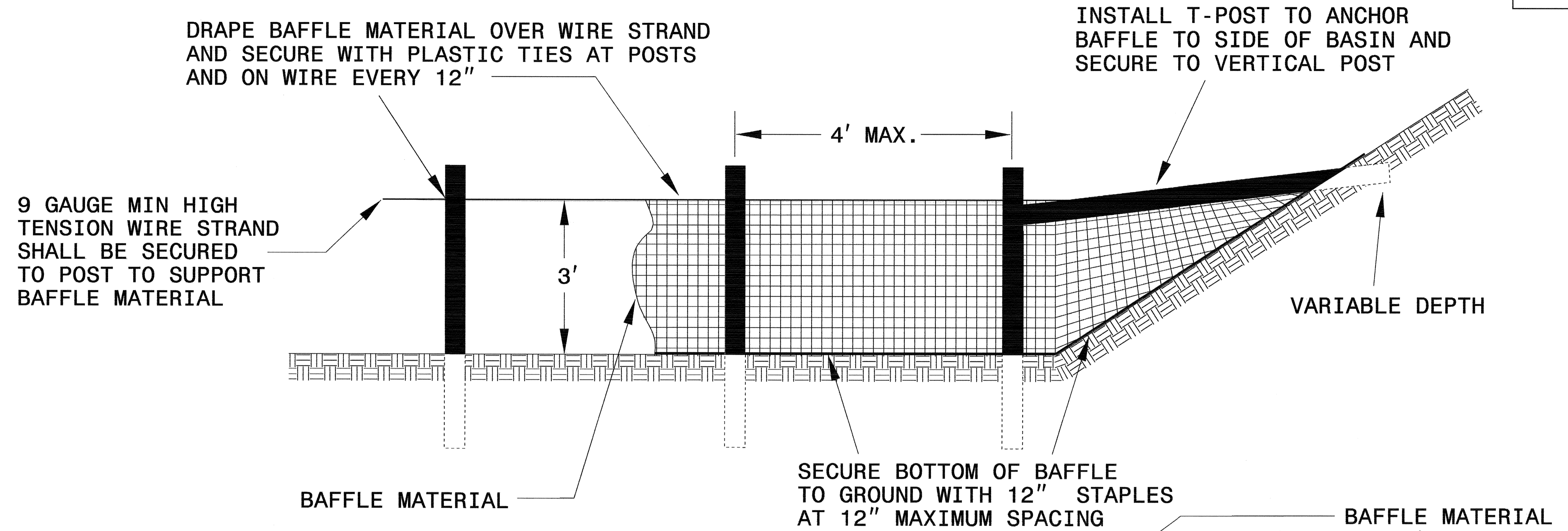
USE CLASS 'B' EROSION CONTROL STONE FOR STRUCTURAL STONE.

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%.



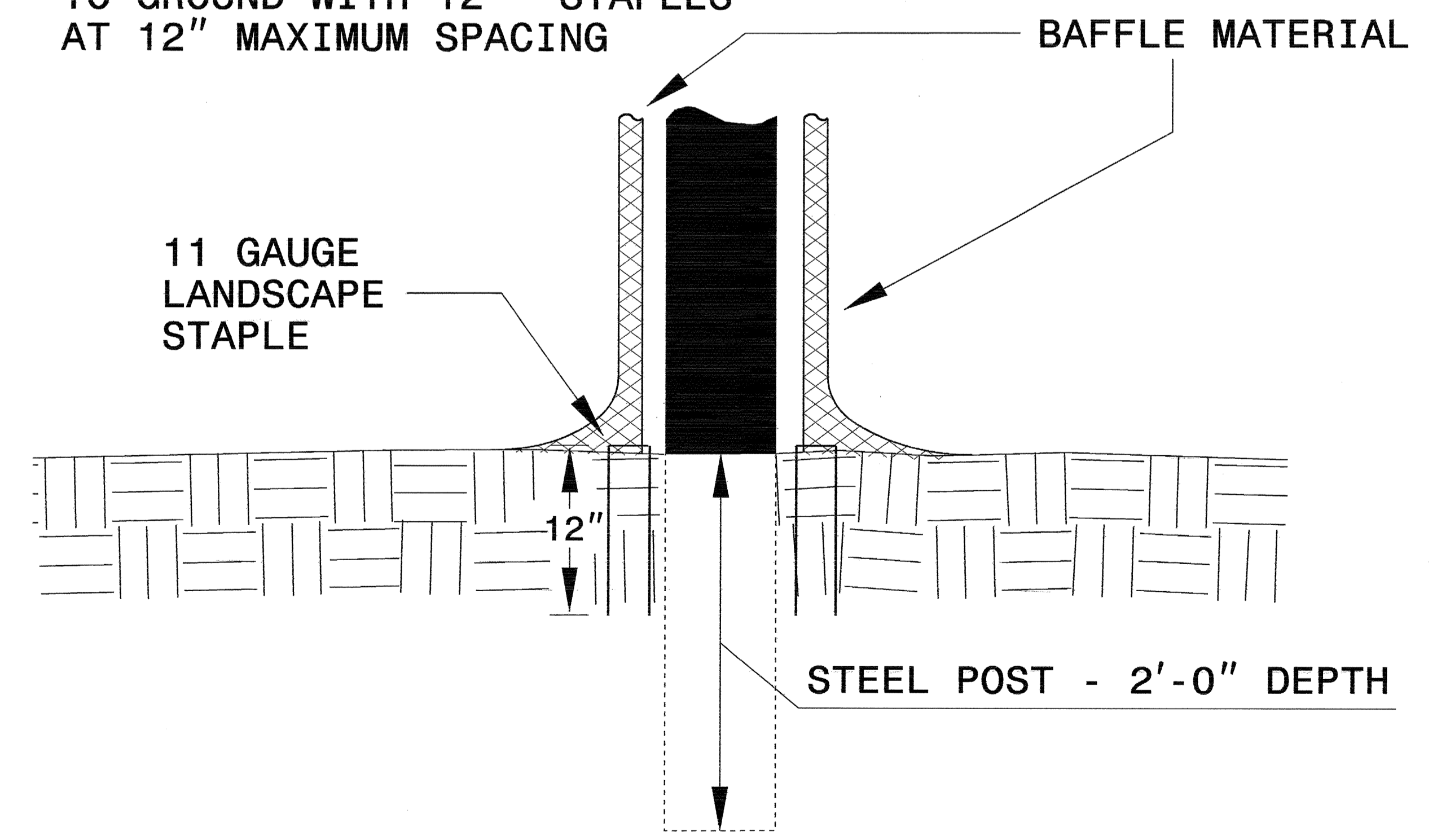
PROJECT REFERENCE NO. R-2100B	SHEET NO. EC-2A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

COIR FIBER BAFFLE DETAIL



NOTES:

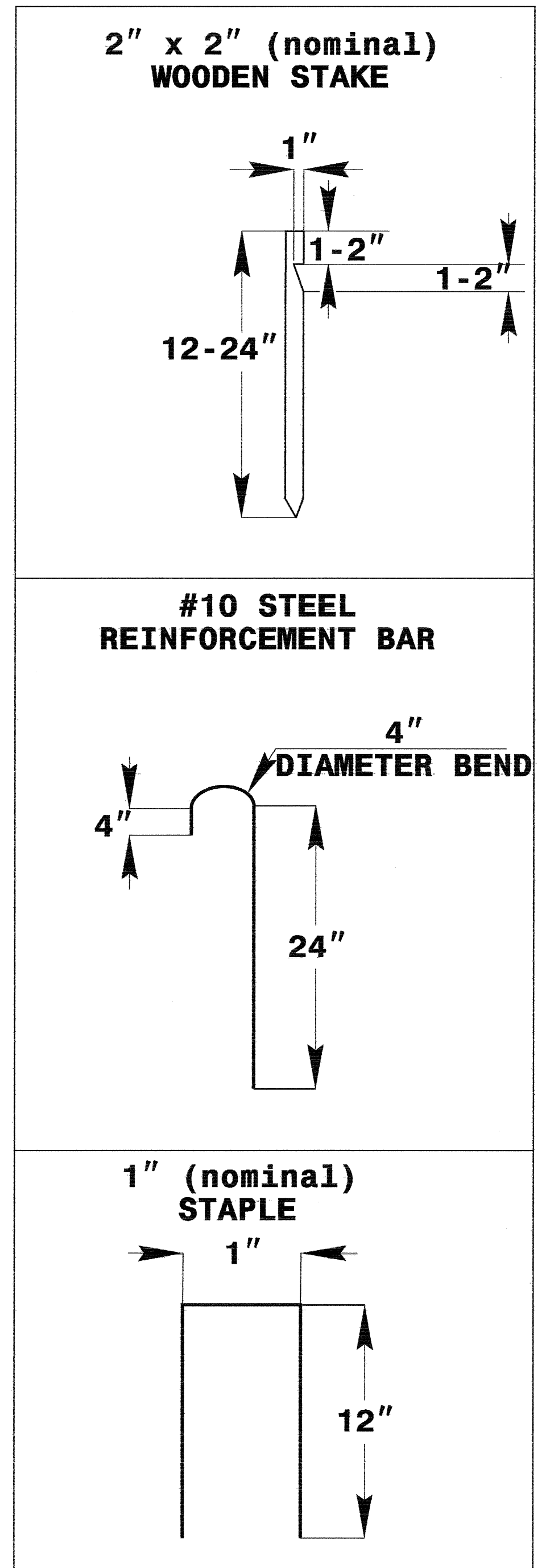
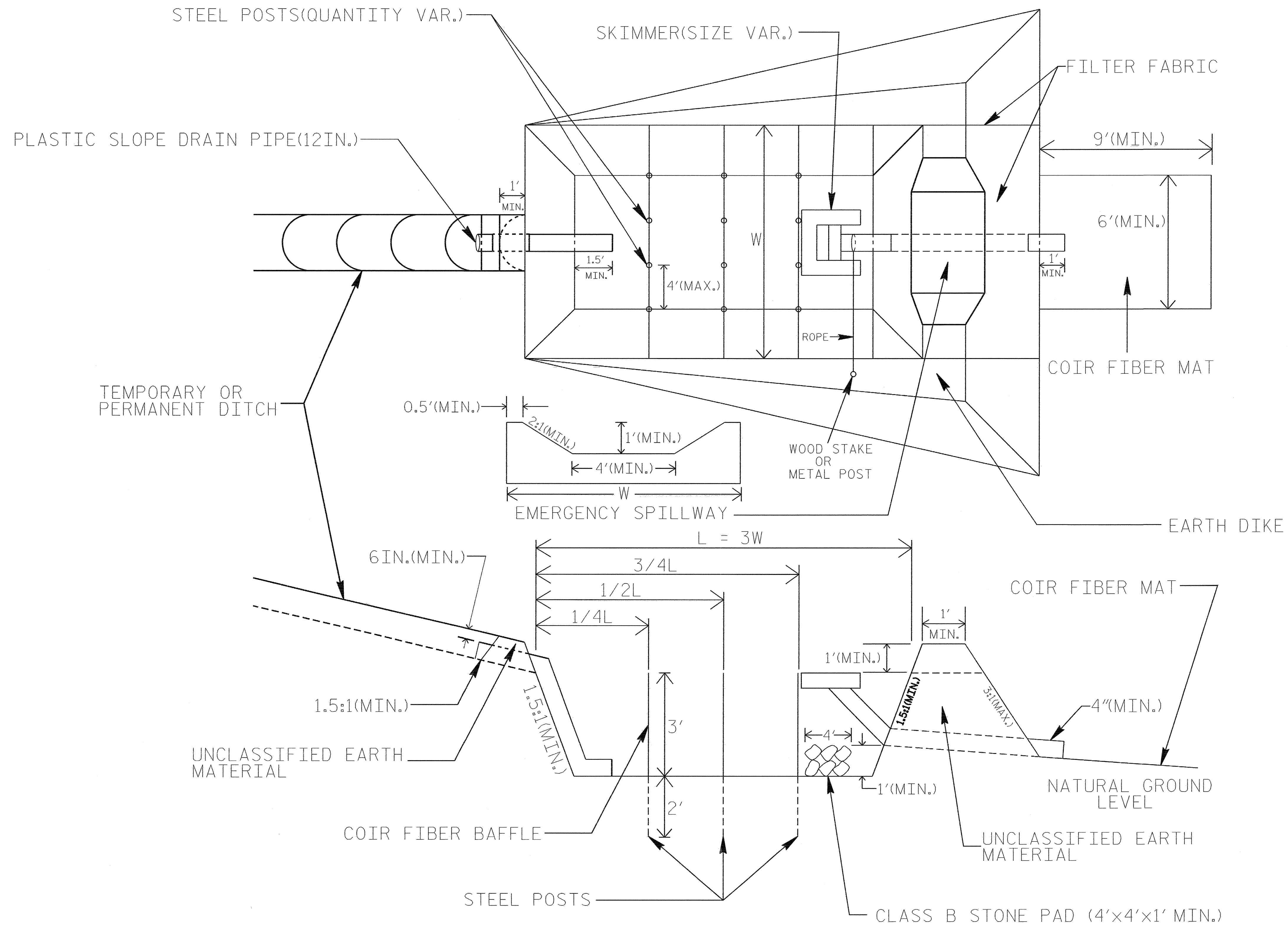
1. INSTALL THREE(3) COIR FIBER BAFFLES IN SILT BASINS AND SEDIMENT DAMS AT DRAINAGE OUTLETS WITH A SPACING OF $\frac{1}{4}$ THE BASIN LENGTH.
2. TWO(2) COIR FIBER BAFFLES CAN BE INSTALLED IN SILT BASINS AND DAMS LESS THAN 20 FT. IN LENGTH WITH A SPACING OF $\frac{1}{3}$ THE BASIN LENGTH.
3. TOP HEIGHT OF COIR FIBER BAFFLES SHALL NOT BE BELOW BASE OF EMERGENCY SPILLWAY ELEVATION.



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

SKIMMER BASIN WITH BAFFLES DETAIL

PROJECT REFERENCE NO. R-2100B	SHEET NO. EC-2B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



COIR FIBER MAT ANCHOR OPTIONS

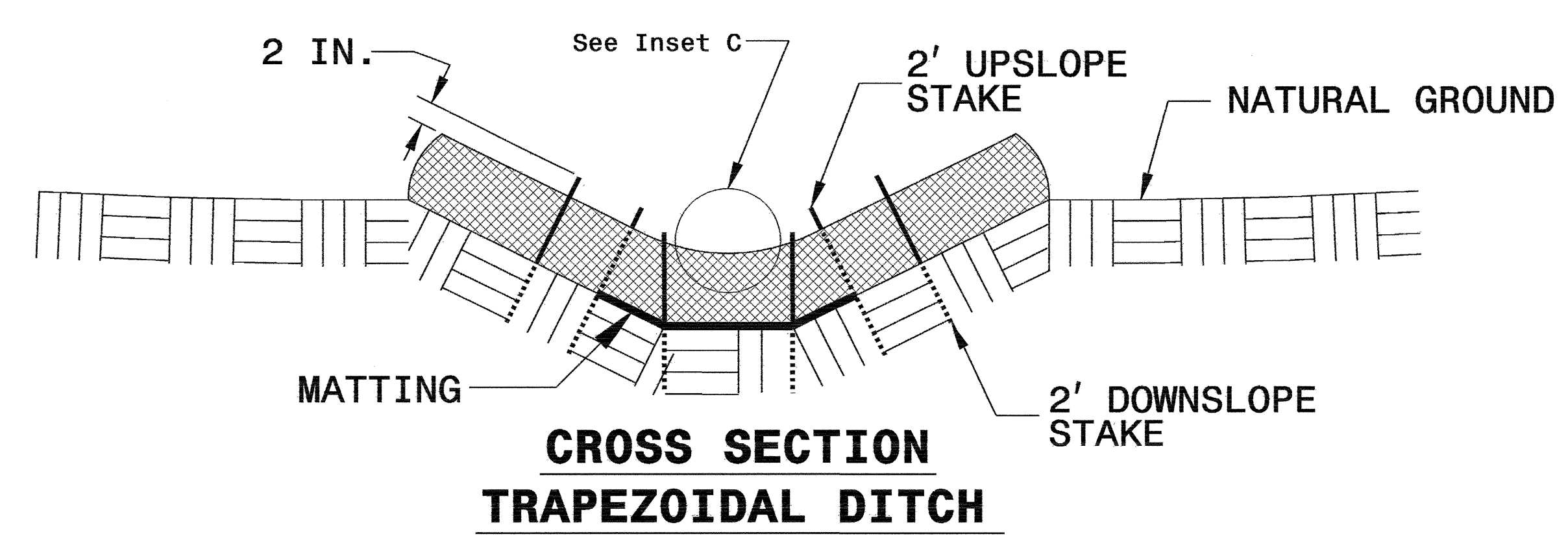
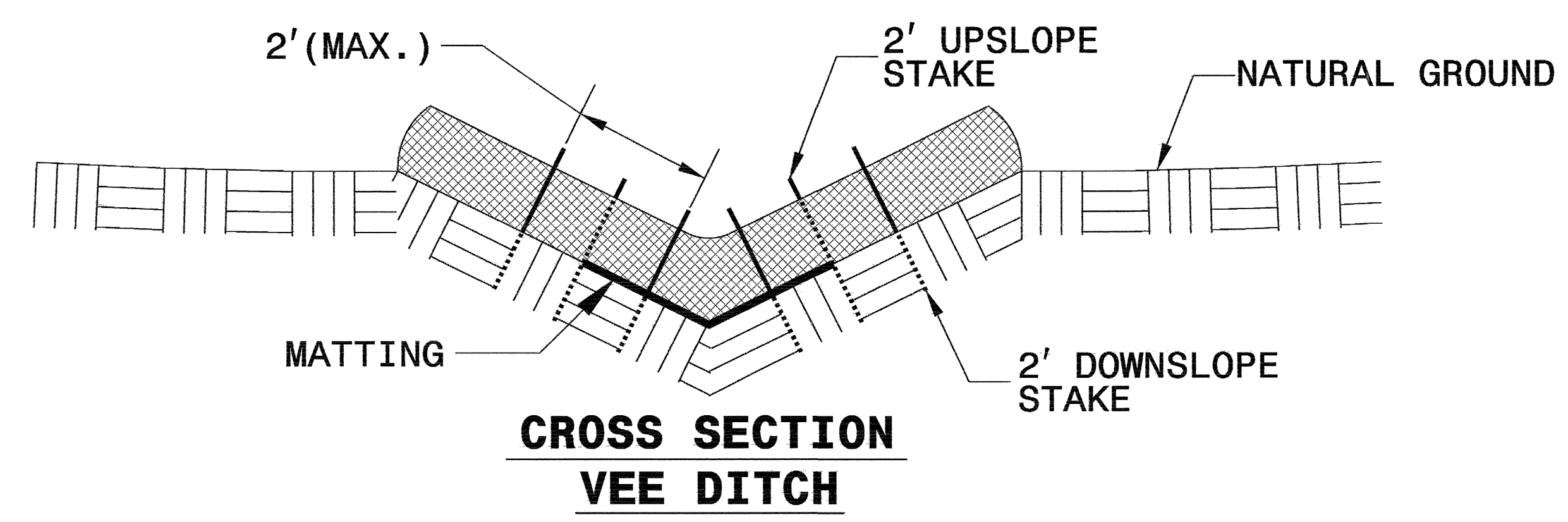
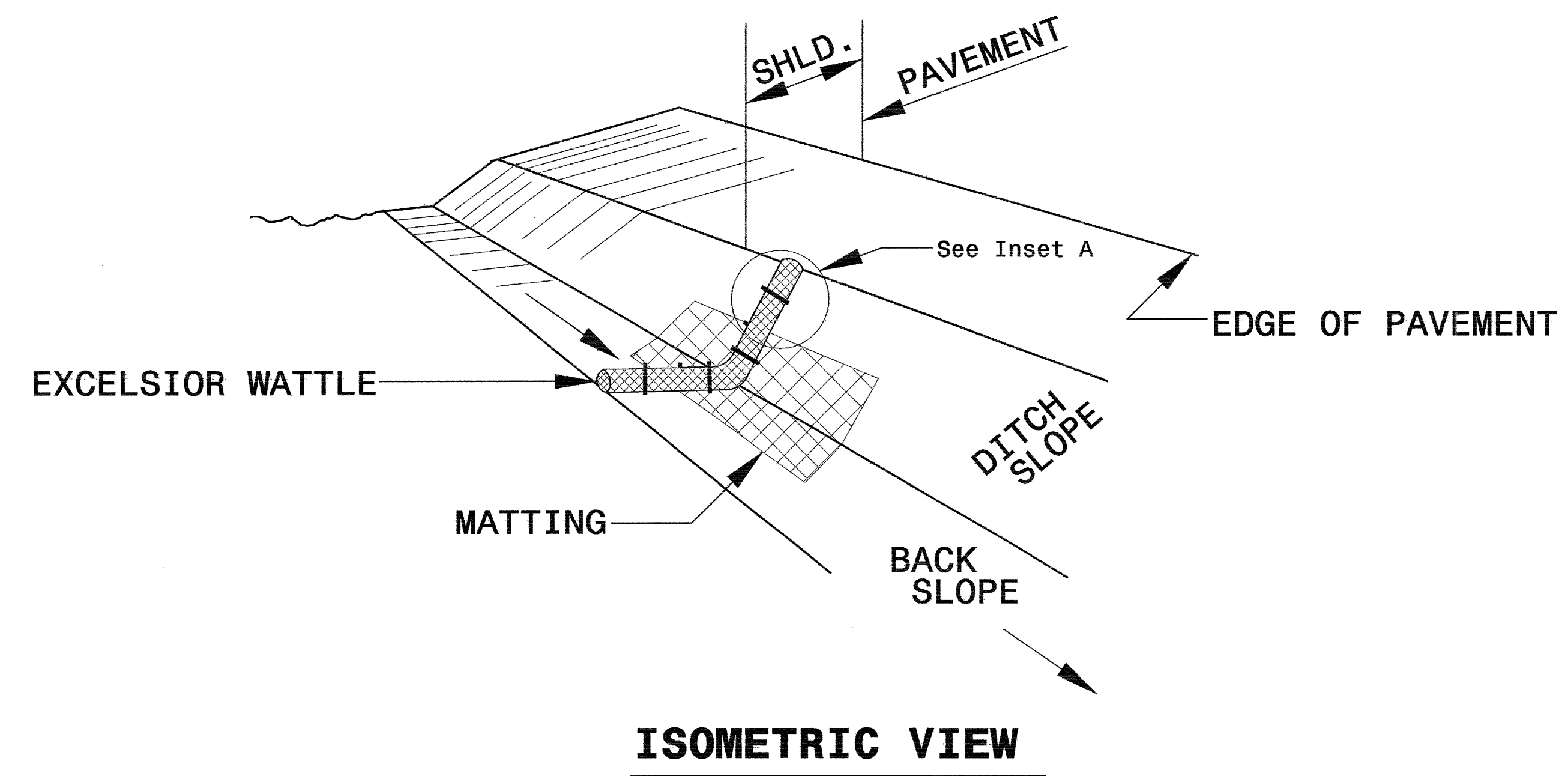
NOTES

1. SEED AND PLACE MATTING FOR EROSION CONTROL ON INTERIOR SIDESLOPES.
2. LIMIT EARTH DIKE HEIGHT TO 5 FT.
3. THE MINIMUM BASIN WIDTH SHALL BE 9 FT.
4. DETERMINE EMERGENCY SPILLWAY LENGTH (FT.) USING $Q/0.8$, WHERE Q IS FLOW RATE (CFS) INTO BASIN.

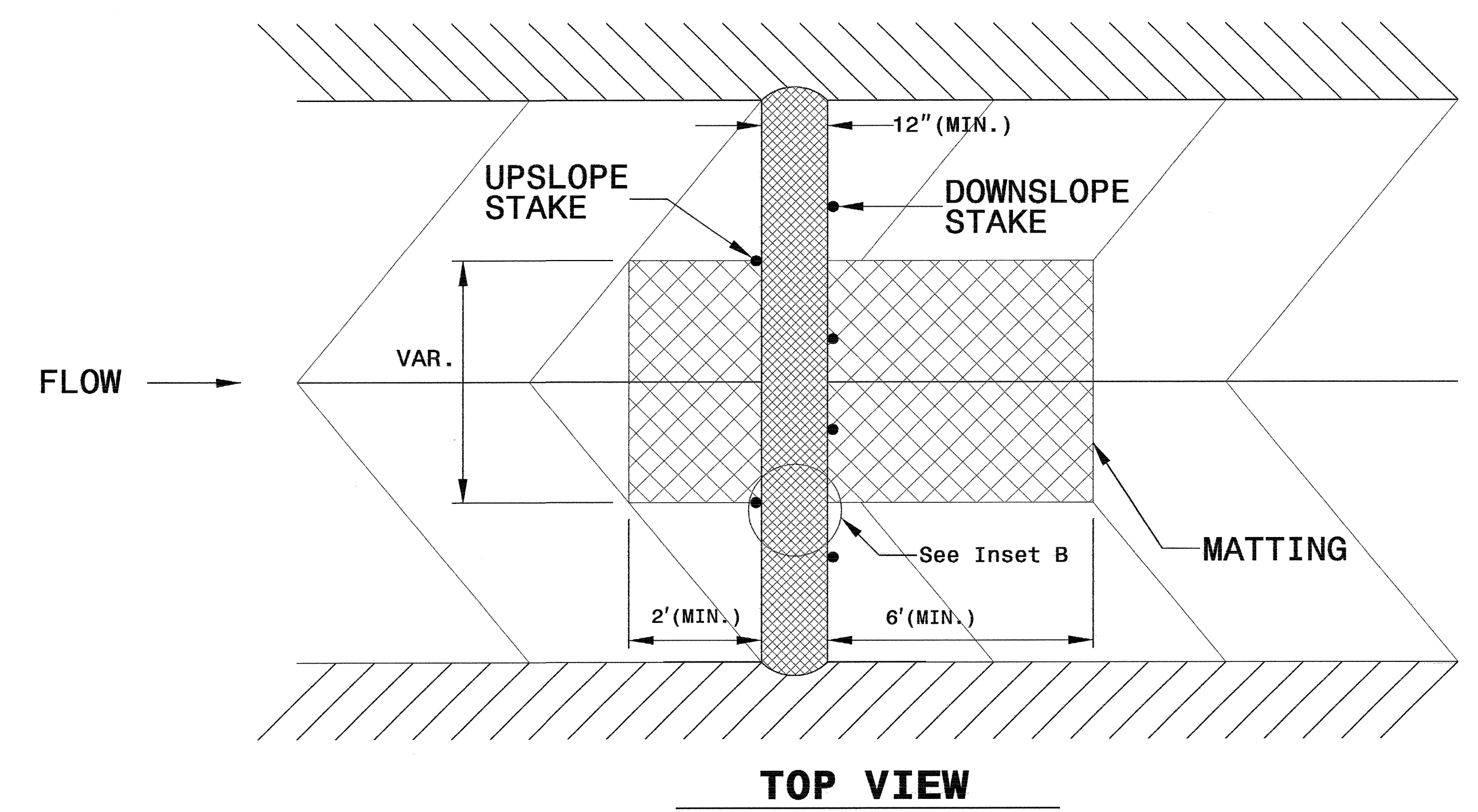
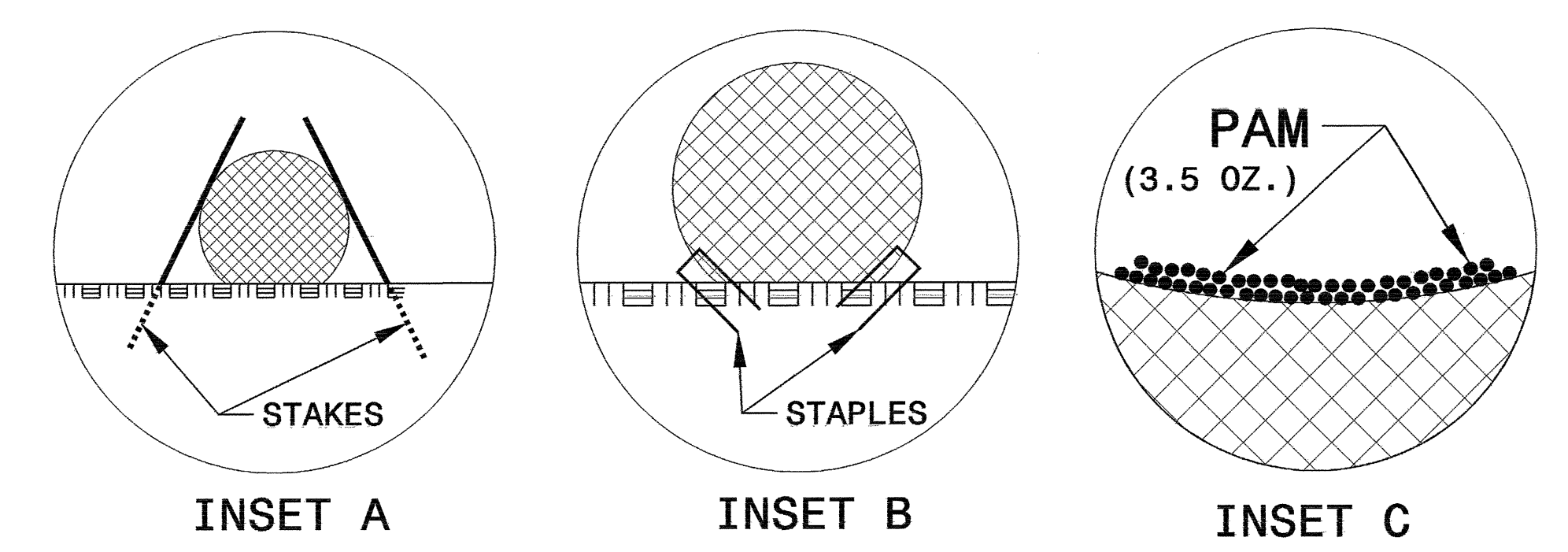
NOT TO SCALE

PROJECT REFERENCE NO. <i>R-2100B</i>	SHEET NO. <i>EC-2C</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

WATTLE WITH POLYACRYLAMIDE DETAIL

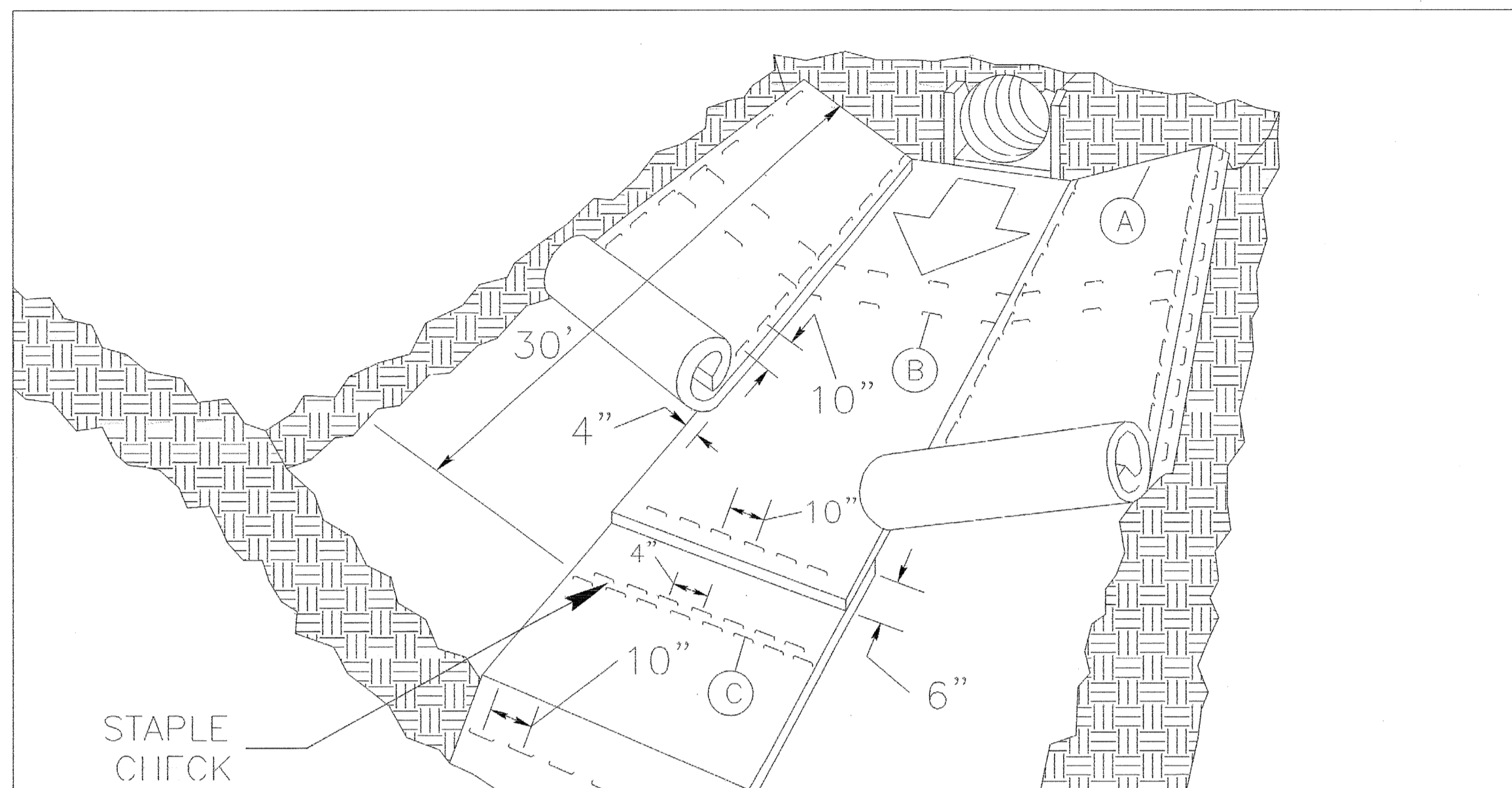


- NOTES:
- USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.
 - USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
 - ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.
 - INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE 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 3.5 OUNCES OF ANIONIC OR NEUTRALLY CHARGED POLYACRYLAMIDE (PAM) OVER WATTLE WHERE WATER WILL FLOW AND AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



PROJECT REFERENCE NO. R-2100B	SHEET NO. EC-2D
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MATTING INSTALLATION DETAIL



MATTING IN DITCHES

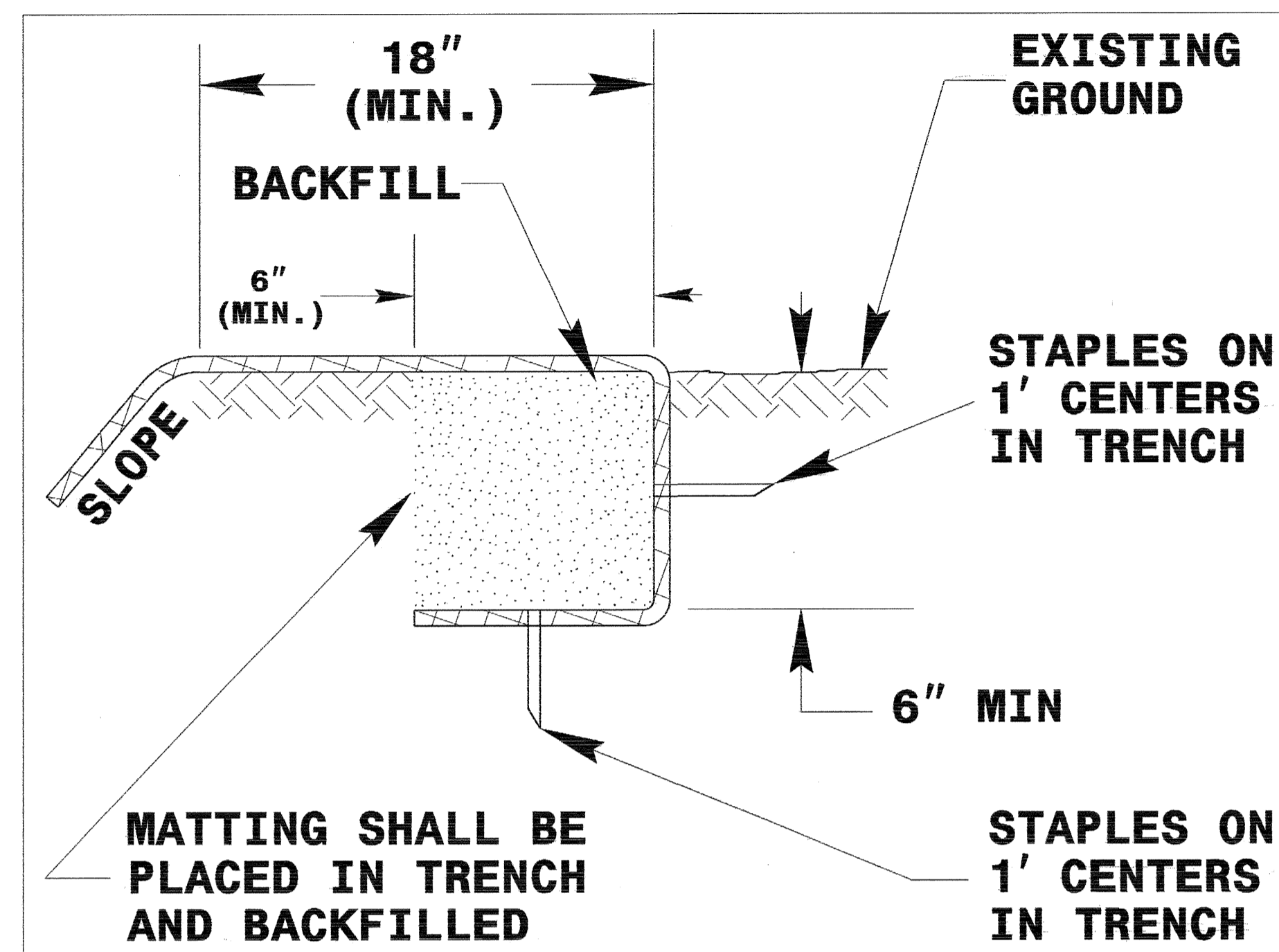
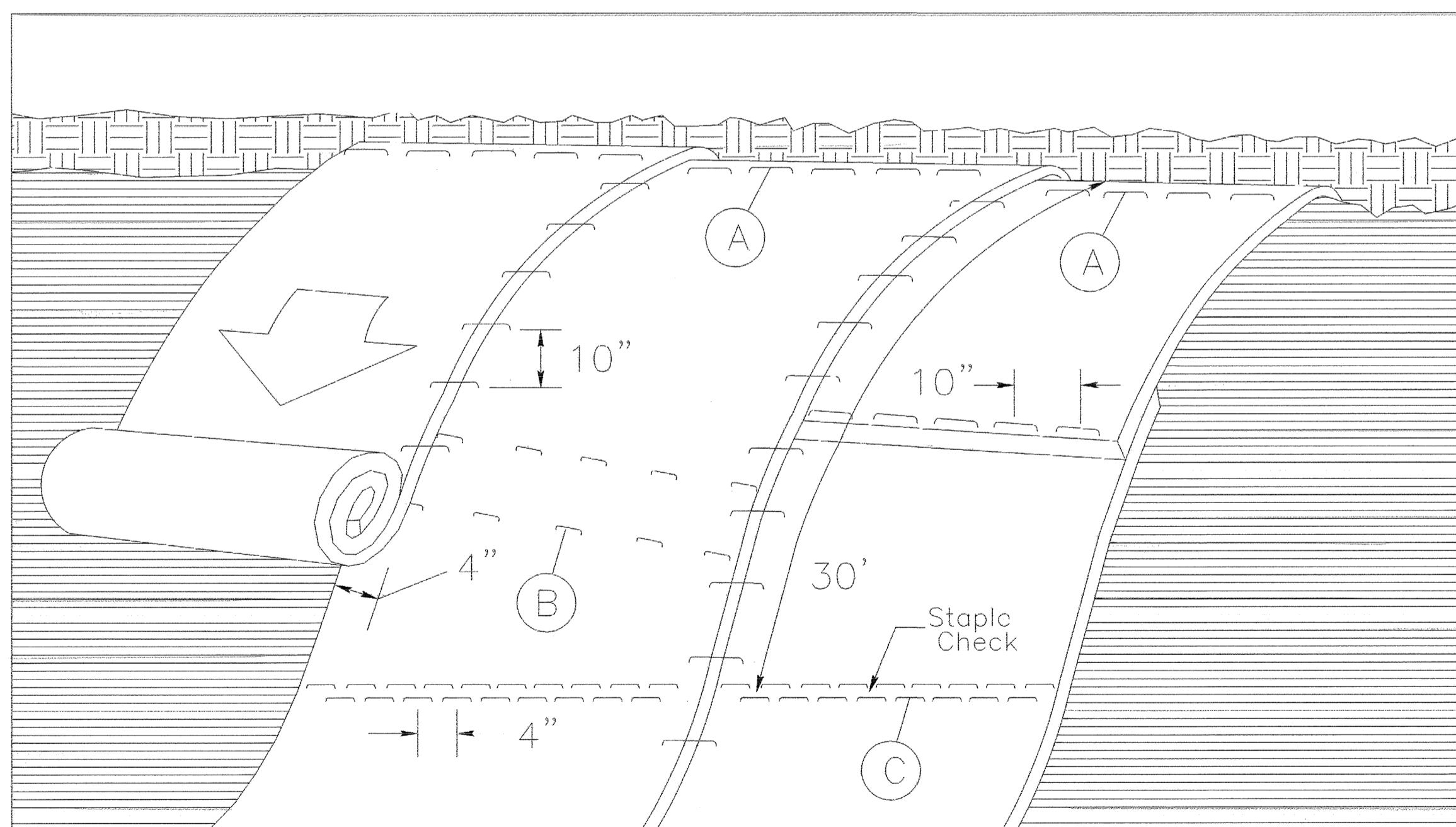


DIAGRAM (A)



MATTING ON SLOPES

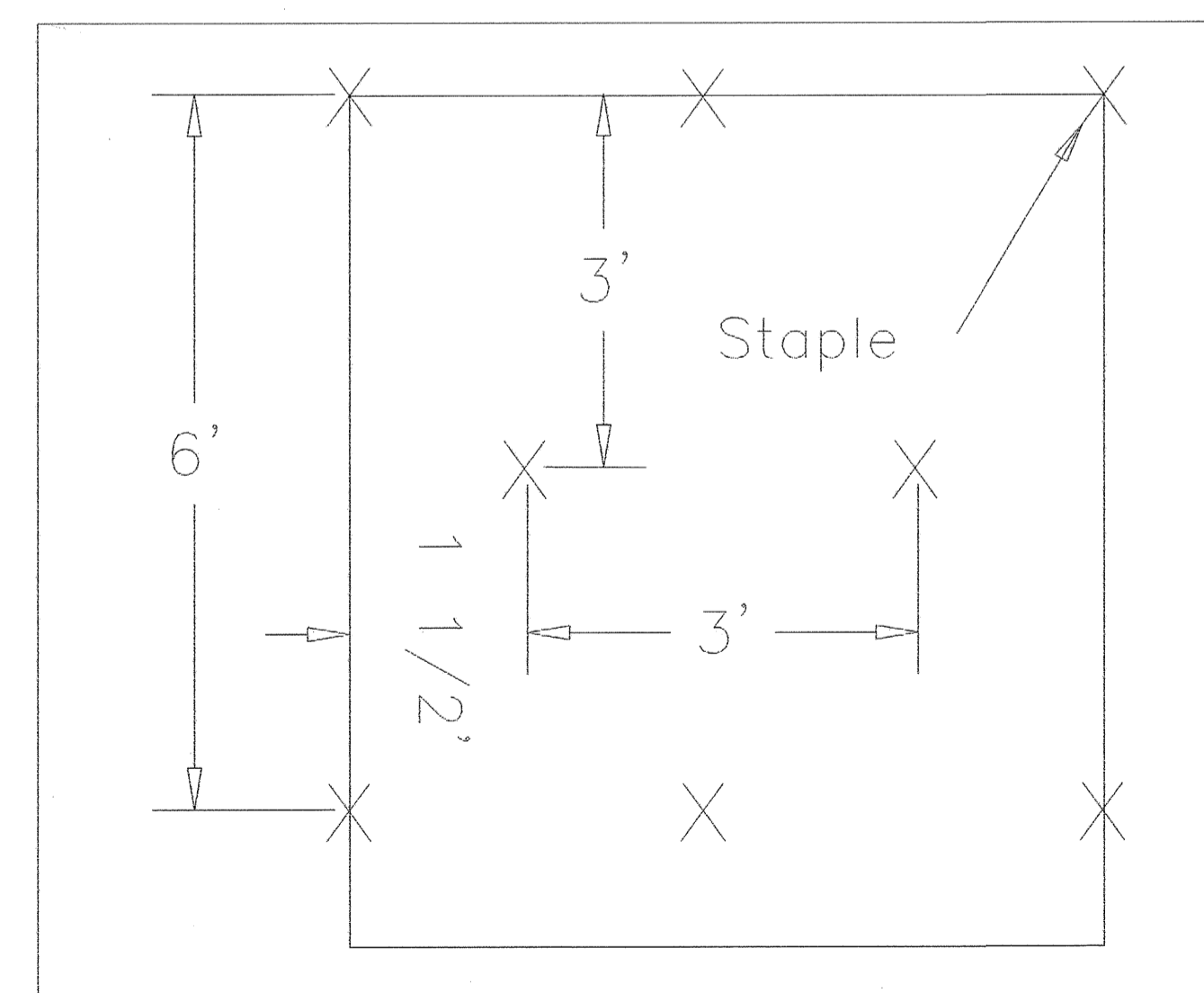


DIAGRAM (B)

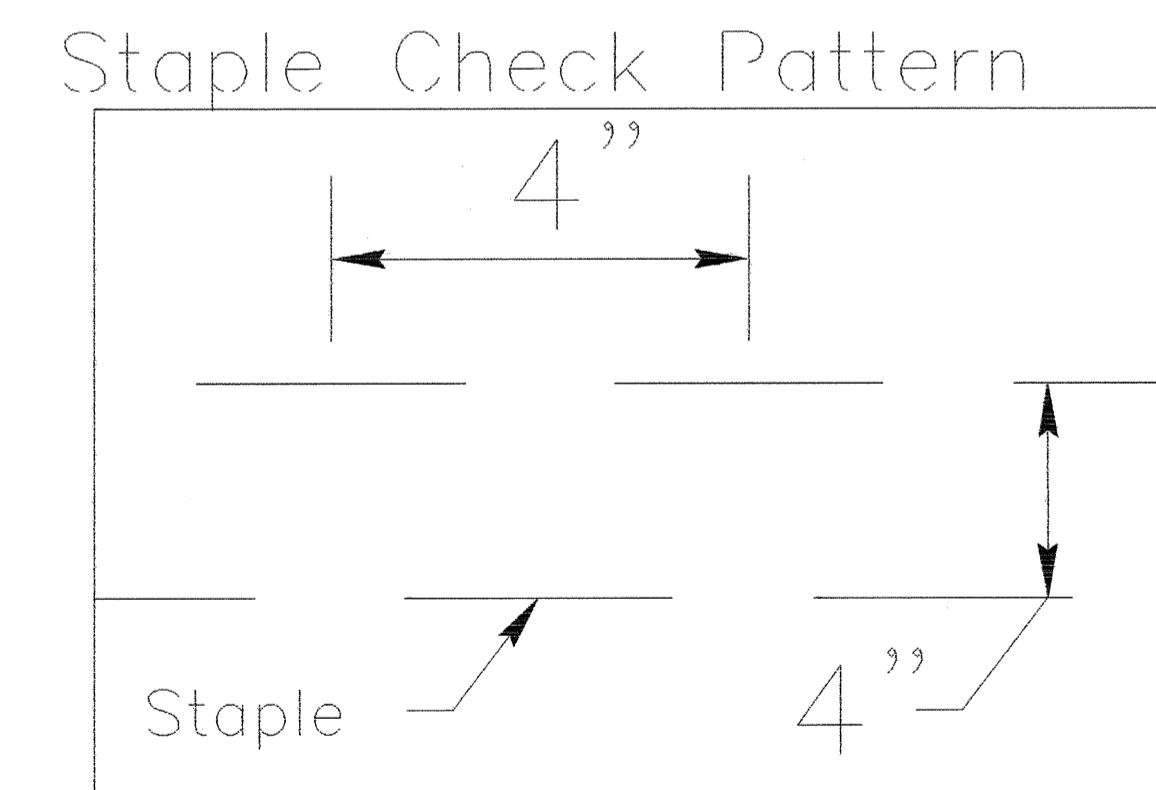


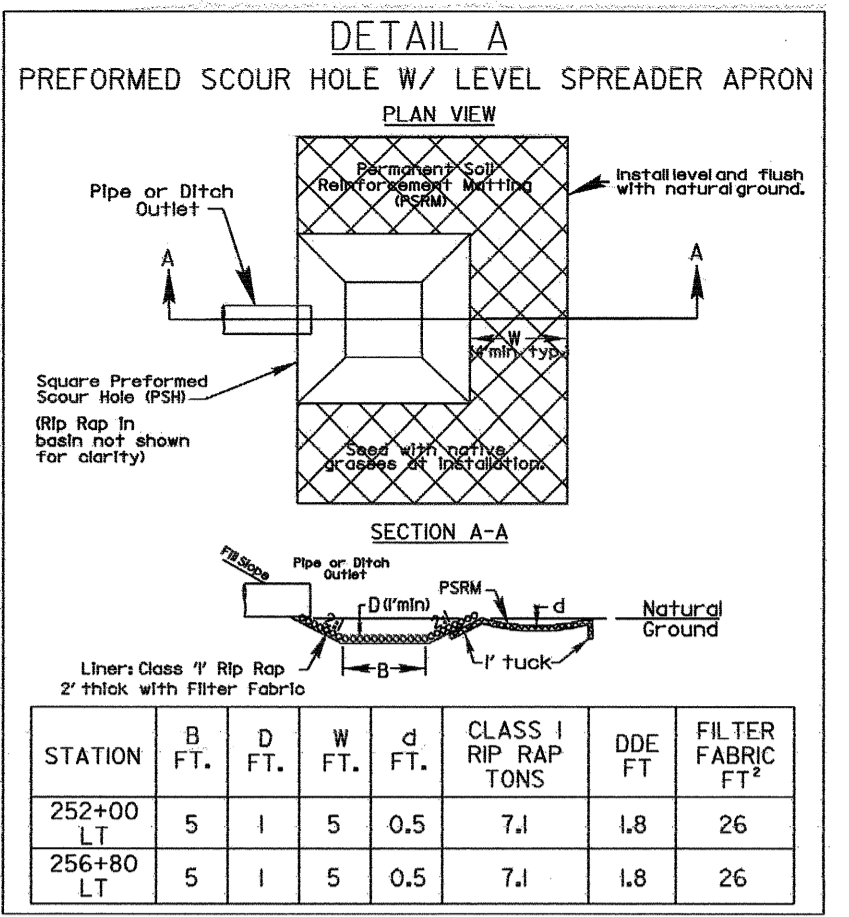
DIAGRAM (C)

NOTES:

THIS DETAIL APPLIES TO STRAW, EXCELSIOR, AND PERMANENT SOIL REINFORCEMENT MAT (PSRM) INSTALLATION.

STAPLES SHALL BE NO. 11 GAUGE STEEL WIRE FORMED INTO A "U" SHAPE WITH A MINIMUM THROAT WIDTH OF 1 INCH AND NOT LESS THAN 6 INCHES IN LENGTH.

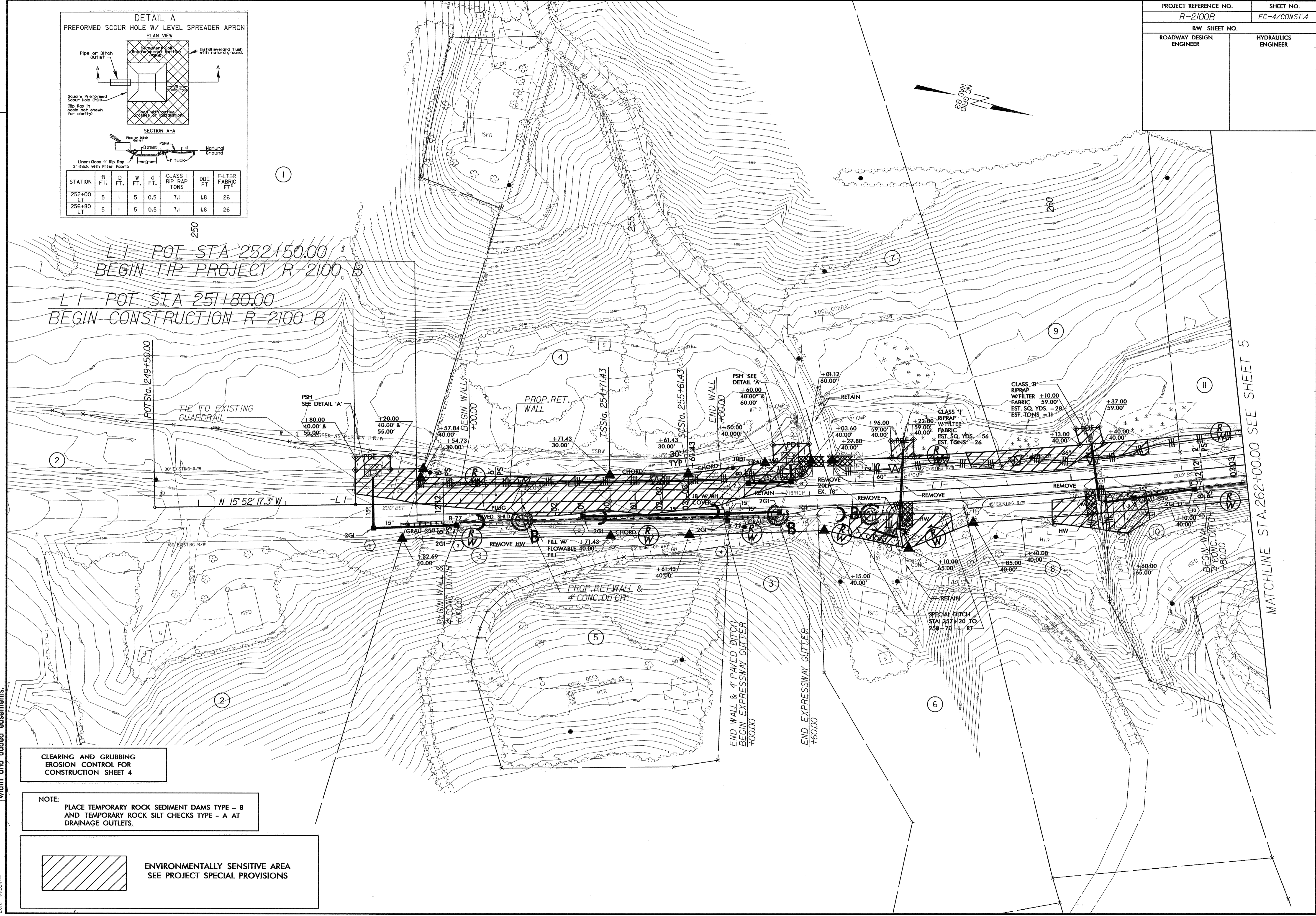
NOT TO SCALE



REVISIONS

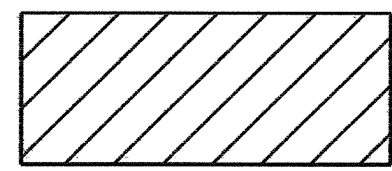
REVISION 1: 8/12/2008 Added existing Right-of-Way elements left and right of 253+00. Changed Property Line between Parcel 2 and Parcel 3. Changed limits of RW for On Site Mitigation area left of 262+00.

REVISION 2: 1/13/2009 Changed name and deed book reference for parcels 6, 8, and 11. Reduced Take for Future Mitigation Site on Parcels 7, 9, and 11 to standard 40.0' width and added easements.



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.

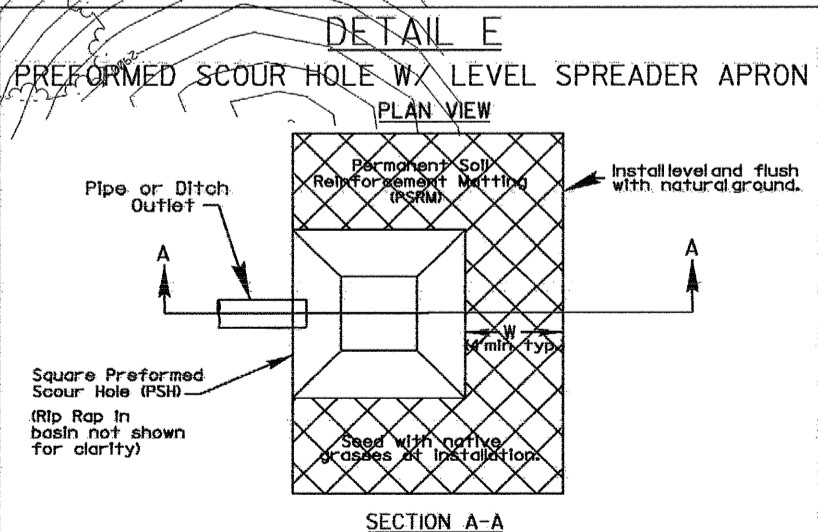
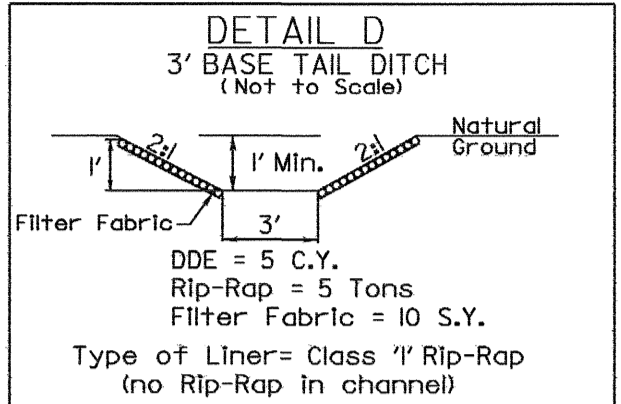
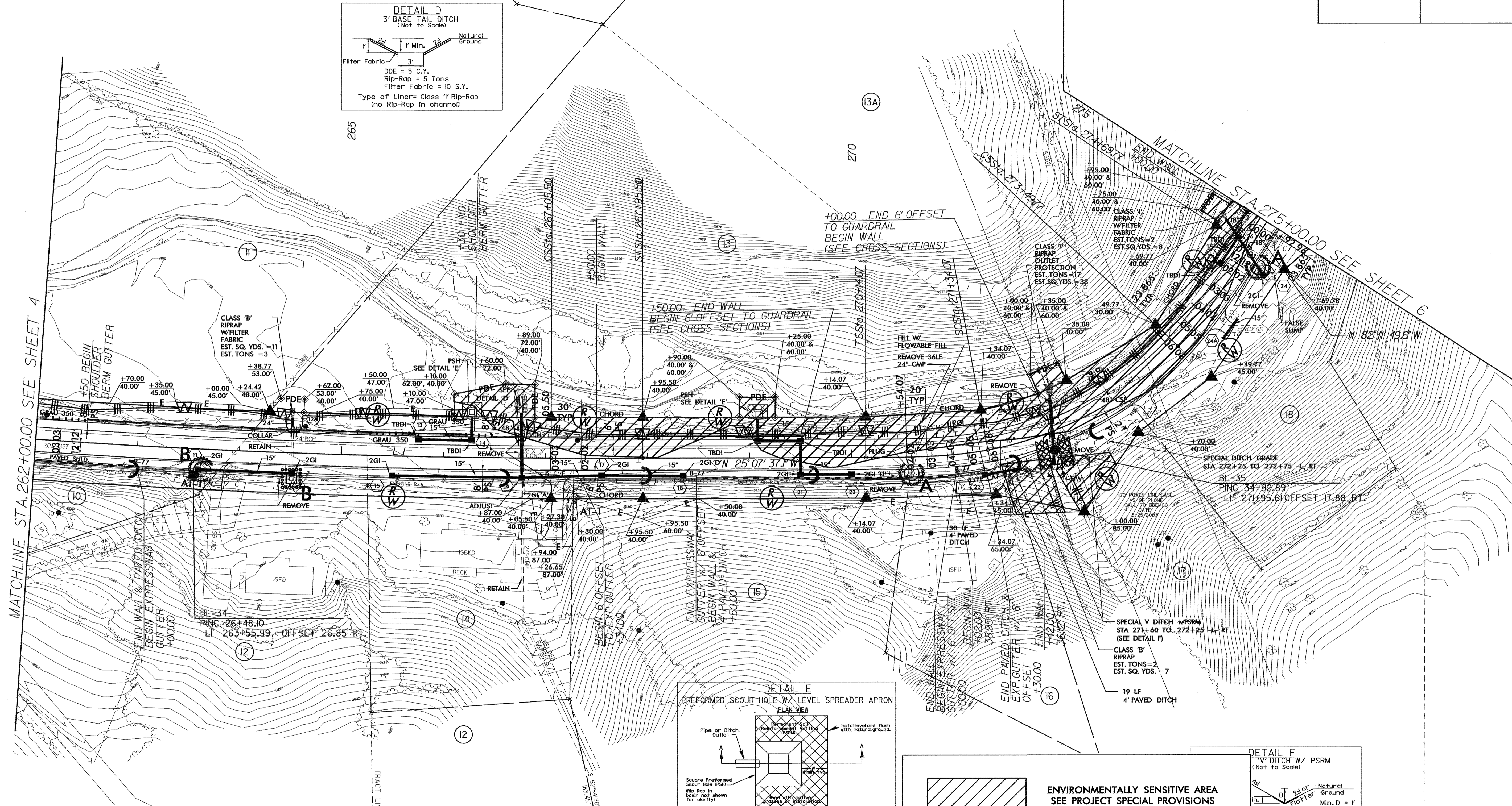
 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

USER: #USER##
DATE: #DATE##
TIME: #TIME##
DGN: #DGN##

MATCHLINE STA. 262+00.00 SEE SHEET 5

PROJECT REFERENCE NO.	SHEET NO.
R-2100B	EC-5/CONST.5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

REVISIONS
 REVISION: 8/12/2008 Changed property owner and deed book number for Parcel 13. Renumbered a tract of Parcel 13 to 13A and changed owner name and deed book number. Changed name and deed book number for Parcel 16. Changed limits of On Site Mitigation left of 264+00. Added easement for driveway right of 267+00.
 REVISION 3: 12/19/2008 Added Deed Book Number for parcel 12. Changed Property Owner Name for parcel 15.
 REVISION 2: 10/23/2008 Modified drainage system at 269+50.

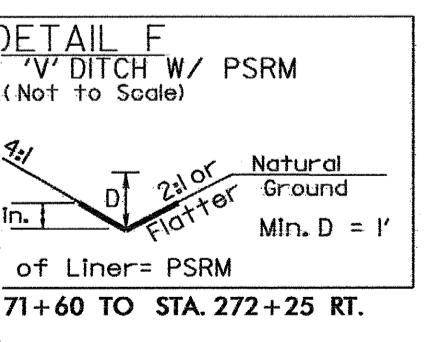


STATION	B FT.	D FT.	W FT.	d FT.	CLASS I RIP-RAP TONS	DDE FT	FILTER FABRIC FT ²
266+27 LT	5	1	5		7.1	1.8	26
269+08 LT	5	1	5		7.1	1.8	26




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.



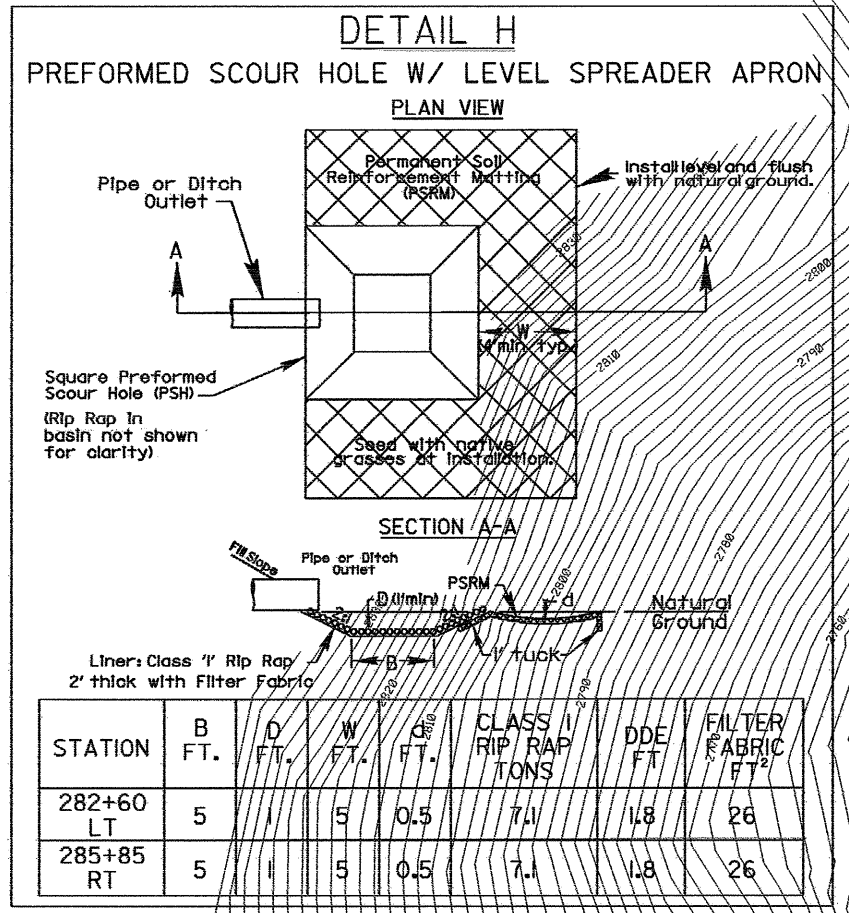
REVISION 4: 1/13/2009 Changed name and deed book reference for parcels 11, 12, 15, and 18. Corrected deed book reference for parcel 14. Changed property lines and coverage of parcels 12 and 15. Added opening in guardrail left of -L1- 265+75 to 266+00. Corrected end station label for Retaining Wall, -L1- 271+00, RT. Eliminated Tract 2 of Parcel 18 by merging with Parcel 18. Reduced Take for Future Mitigation Site on Parcels 11 and 13 to standard 40.0' width and added easements.
 REVISION 5: 12/1/2009 Added retaining wall for driveway serving Parcel 16.

USER: #815688
 DATE: #8/12/08
 TIME: #11:00
 DGN: #815688

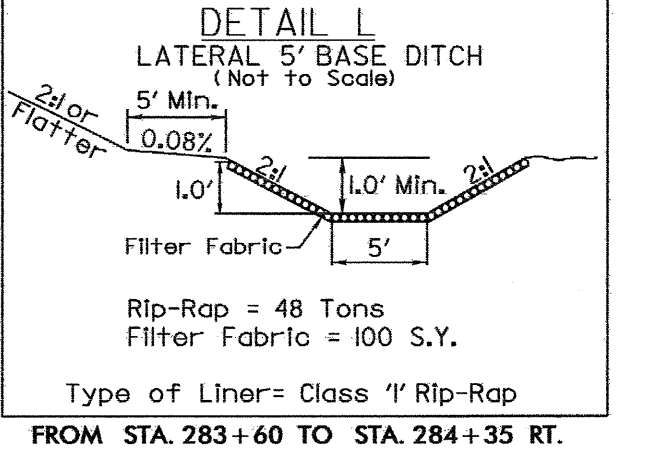
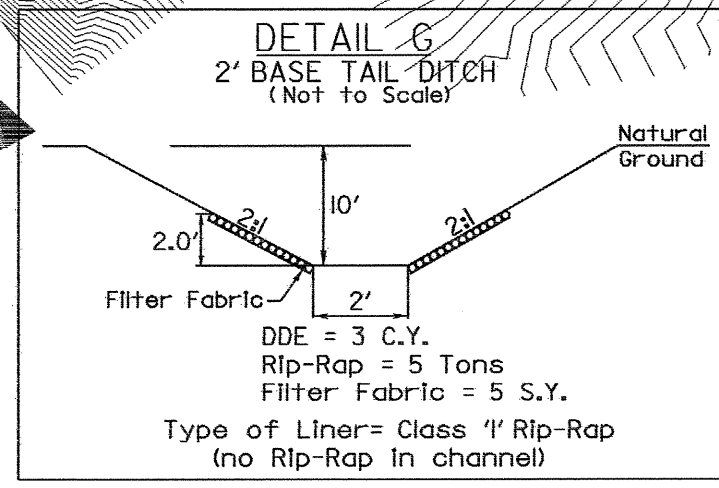
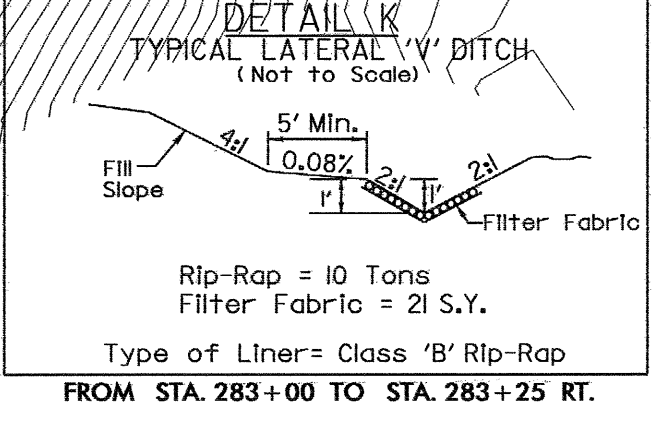
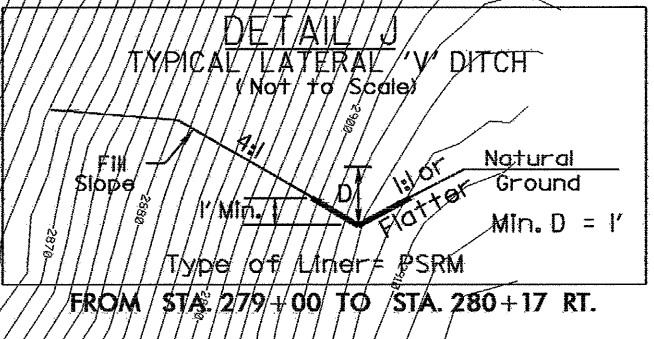
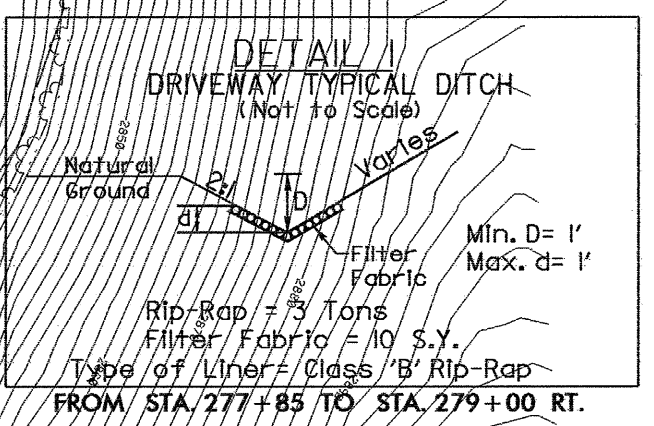
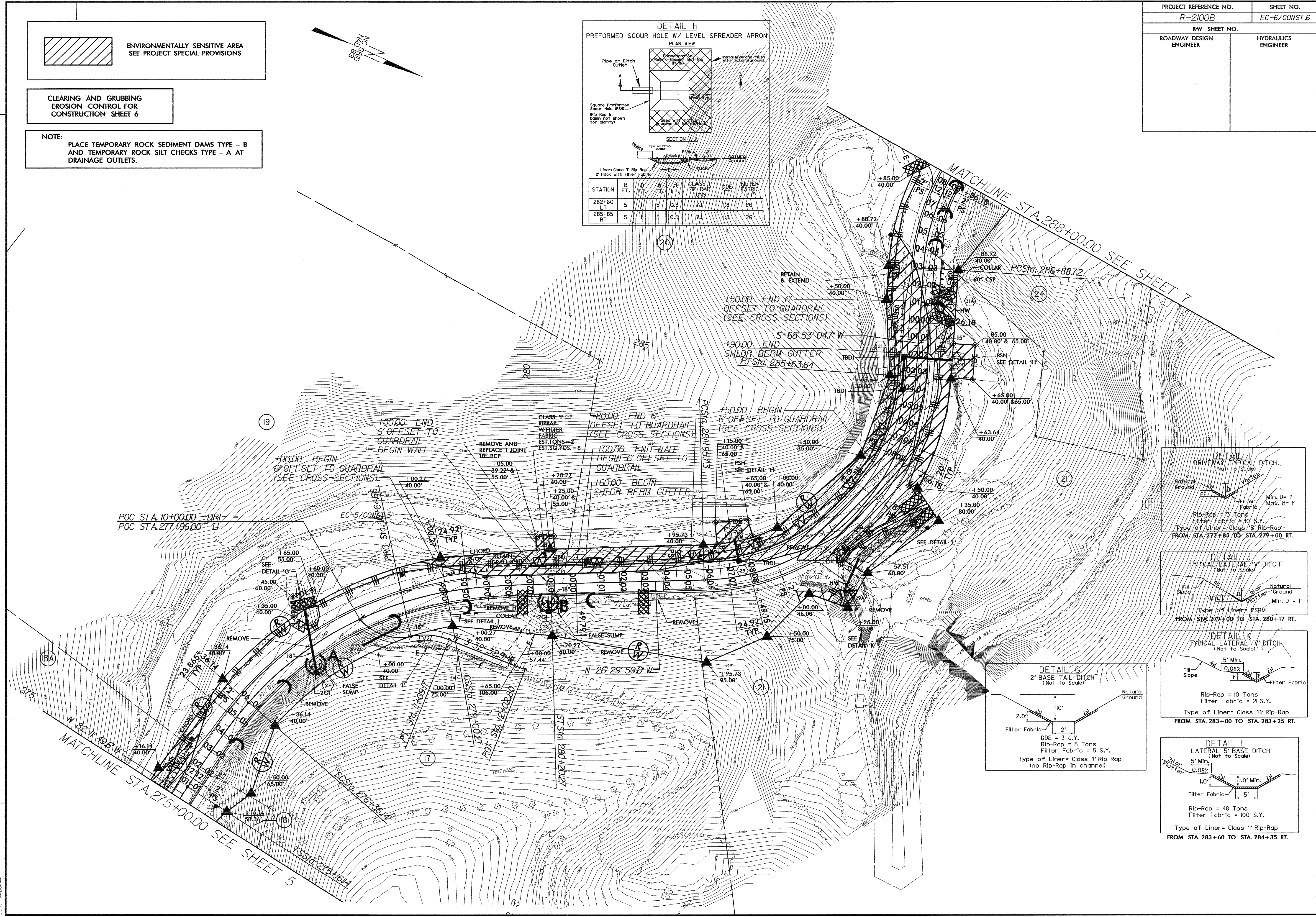
 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

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.



REVISIONS
 REVISION: 652008 Renumbered a tract of Parcel 13 to 13A and changed owner name and deed book number.
 REVISION: 652008 Change property owner name for Parcel 19
 REVISION: 1/3/2009 Changed name and deed book reference for Parcel 18. Eliminated Tract 2 of Parcel 18 by merging with Parcel 18.

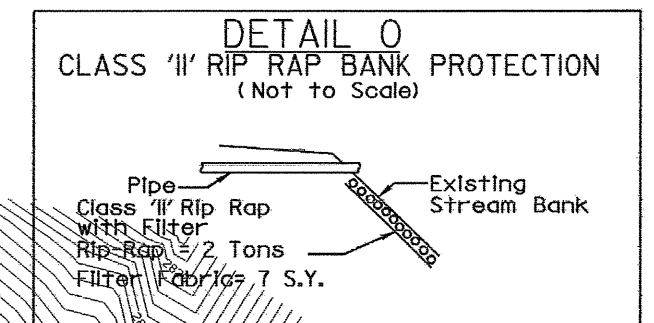
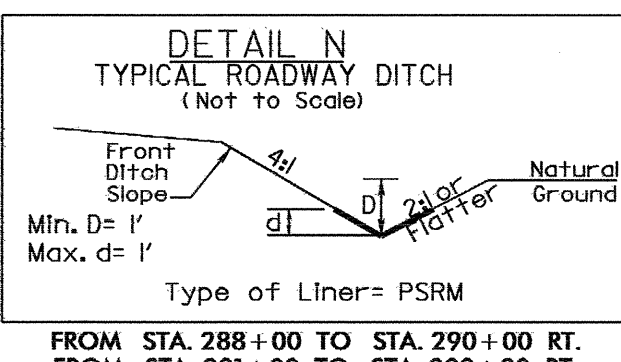
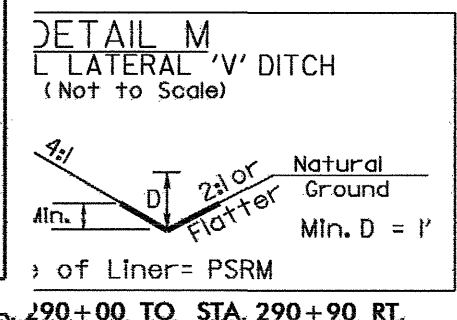


PROJECT REFERENCE NO.	SHEET NO.
R-2100B	EC-7/CONST.7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

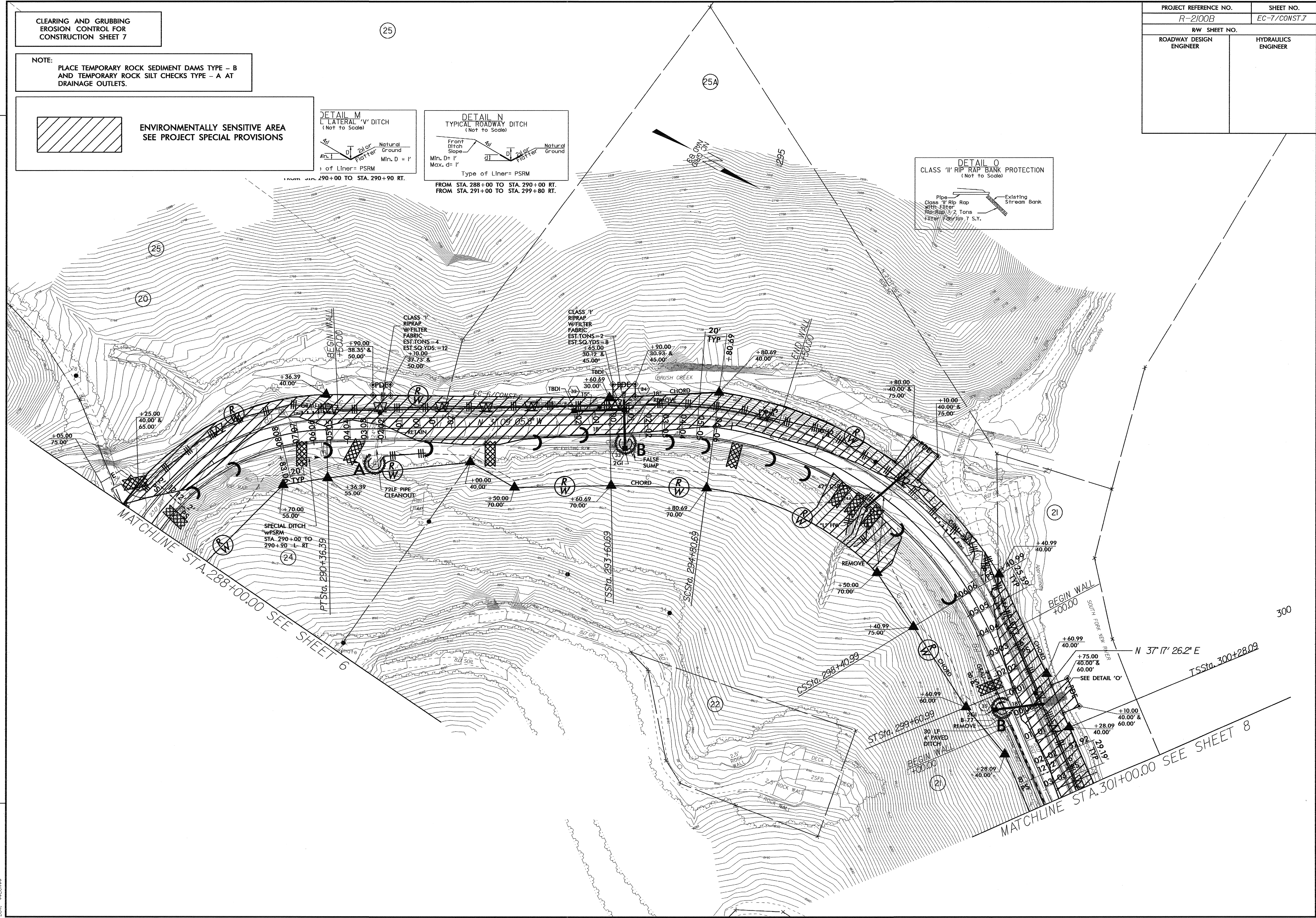
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 7

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

 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS



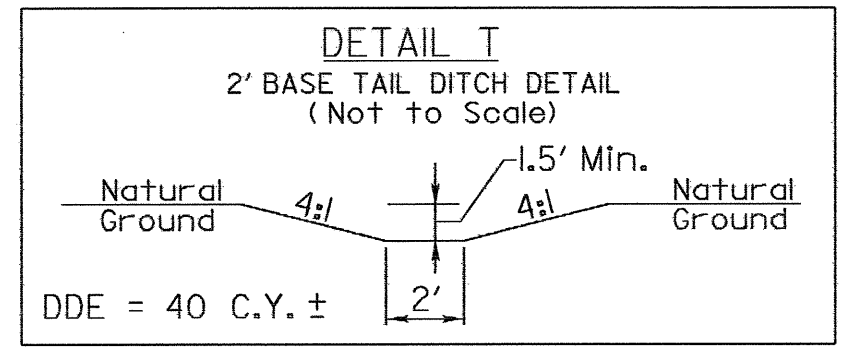
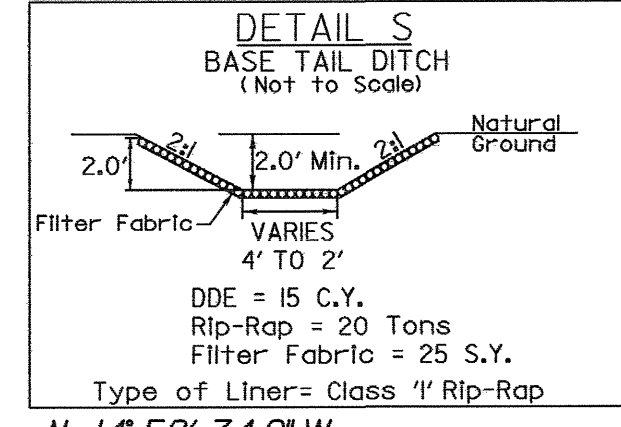
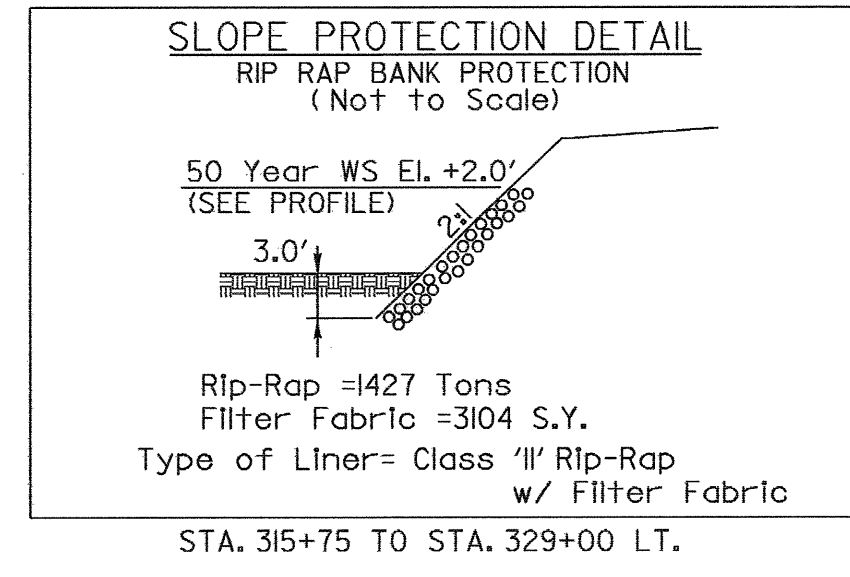
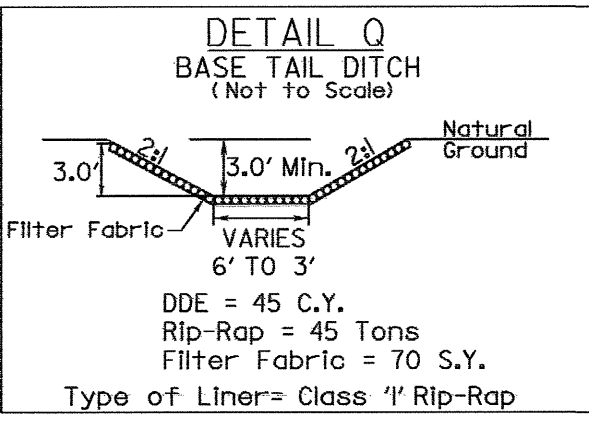
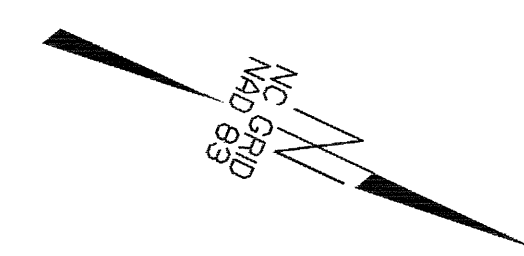
REVISIONS
REVISION 1: 10/23/2008 Removed proposed riprap at pipe outlet 45' LT of 297+00.
REVISION 2: 12/19/2008 Split Parcel 25 into 25 and 25A. Changed property owner for Parcel 25A.
REVISION 3: 1/21/2009 Changed ownership of Parcel 25A to Unknown.



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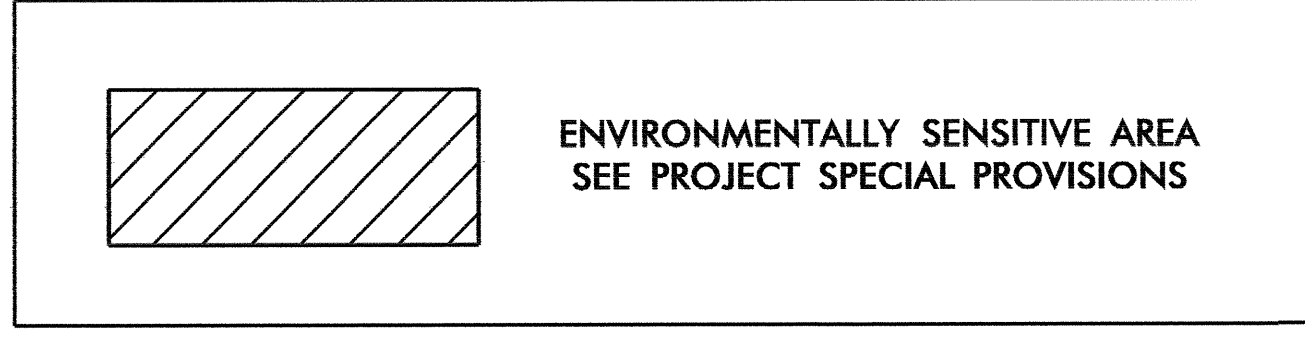
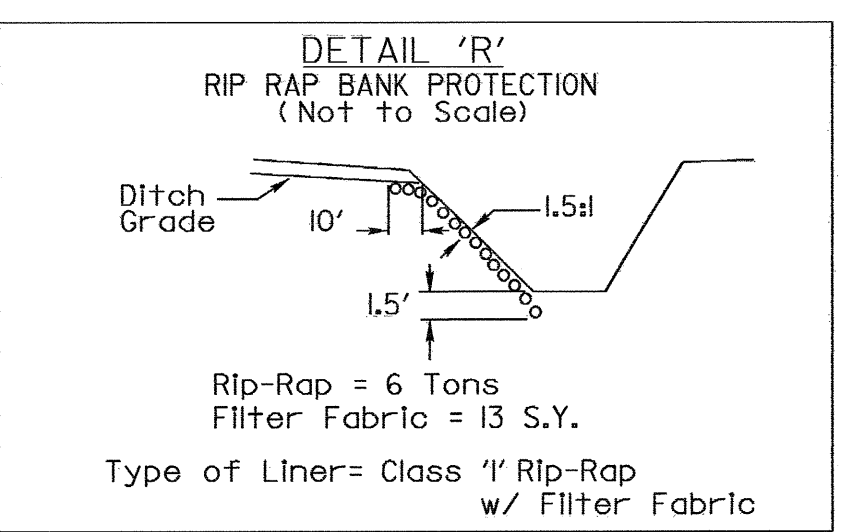
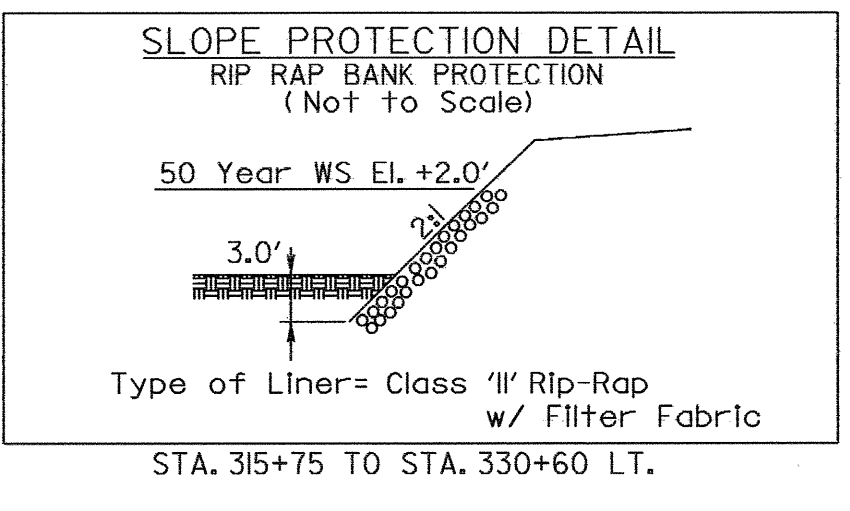
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 9

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



MATCHLINE STA. 315+00.00 SEE SHEET 8

MATCHLINE STA. 329+00.00 SEE SHEET 10



REVISIONS

REVISION 1: 8/22/2008 Added improvements to Parcel 30

REVISION 2: 8/22/2008 Eliminated driveway left of 328+00, Parcel 31. Reduced RW.

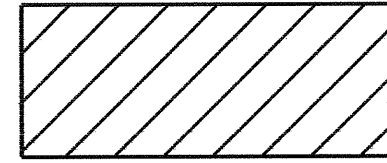
REVISION 3: 12/19/2008 Changed property owner of Parcel 28.

REVISION 4: 1/21/2009 Merged Parcel 29 into Parcel 28 and changed property lines to tract lines. Reduced RW Take right of -L1- 322+40 to 324+00 and added TCE in its place. Widened driveway right of -L1- 326+00, changed 2GI to TBD, modified wall location and changed slope-stake right of 326+50. Changed property owner name for Parcel 32.

PROJECT REFERENCE NO. R-2100B	SHEET NO. EC-10/CONST.10
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

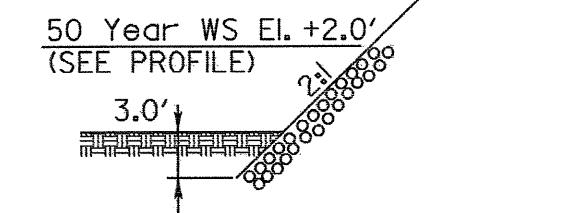
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 10

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



ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

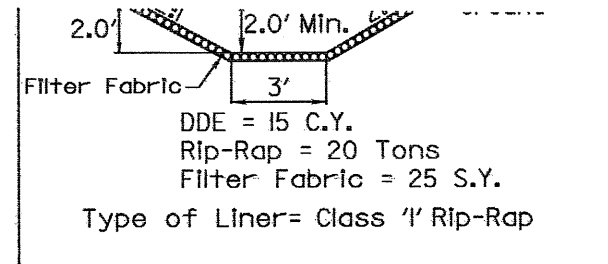
SLOPE PROTECTION DETAIL
RIP RAP BANK PROTECTION
(Not to Scale)



50 Year WS EL. +2.0'
(SEE PROFILE)

Rip-Rap = 30 Tons
Filter Fabric = 79 S.Y.
Type of Liner = Class 'II' Rip-Rap
w/ Filter Fabric

STA. 329+00 TO STA. 329+54 LT.



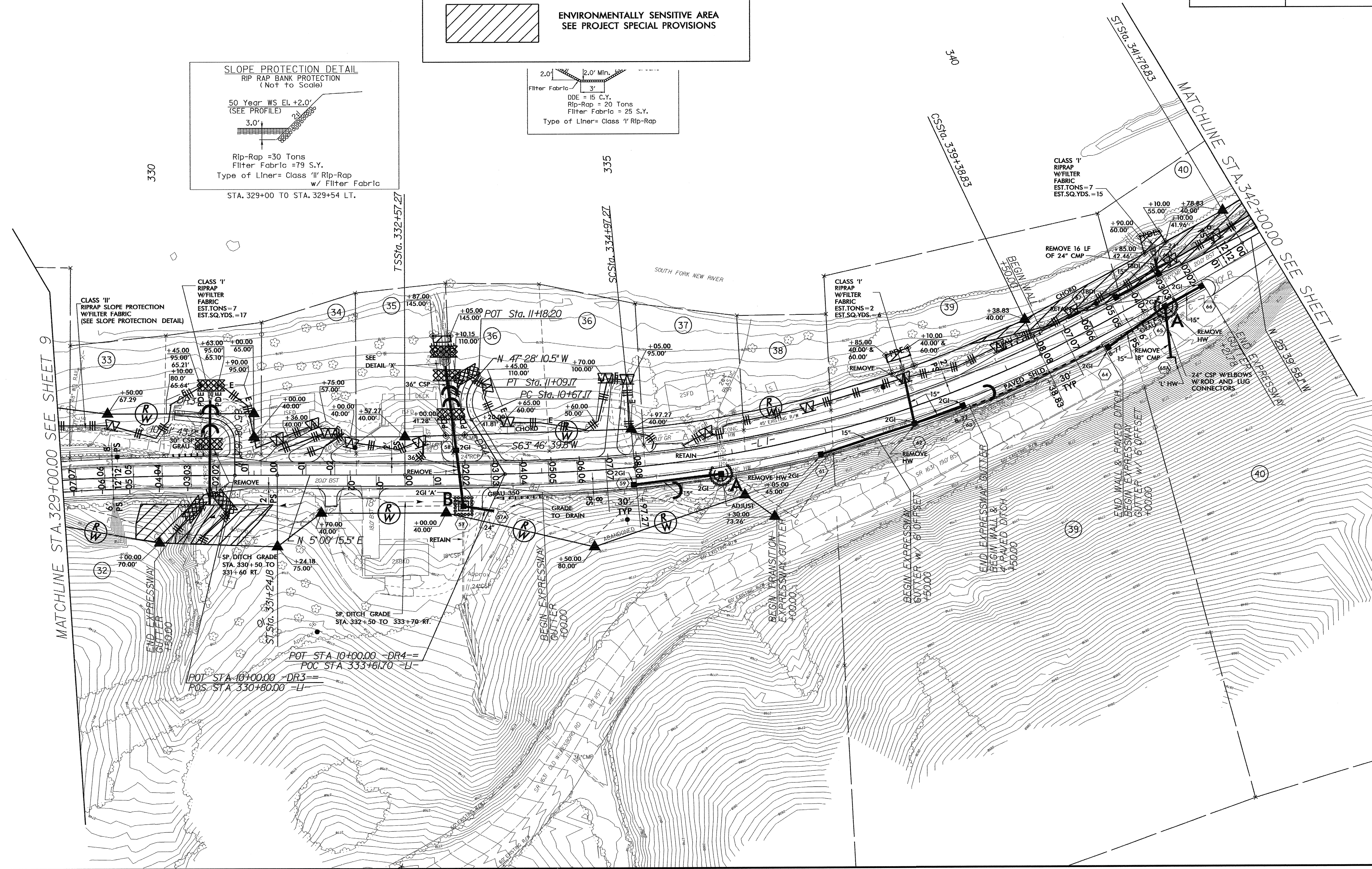
REVISIONS

REVISION 1: 8/12/2008 Added improvements to Parcels 33 and 37. Moved drive left of 330+23 to 330+80; reduced RW. Extended guardrail left of 330+00. Added driveways left of 330+80 and 331+75.

REVISION 2: 10/23/2008 Changed station range on the Slope Protection Detail.

REVISION 3: 1/21/2009 Changed property owner name for Parcel 32.

MATCHLINE STA. 329+00.00 SEE SHEET 9



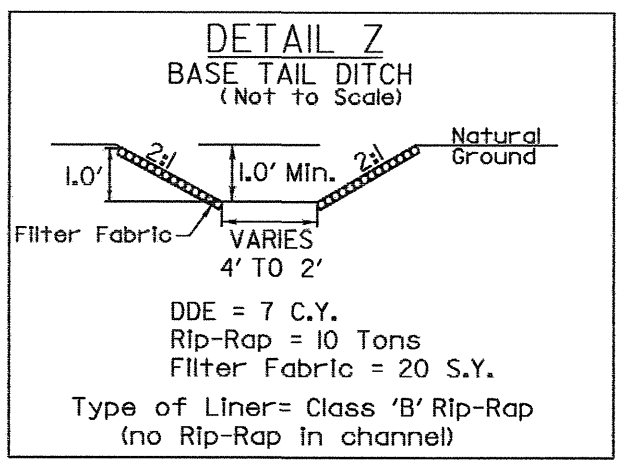
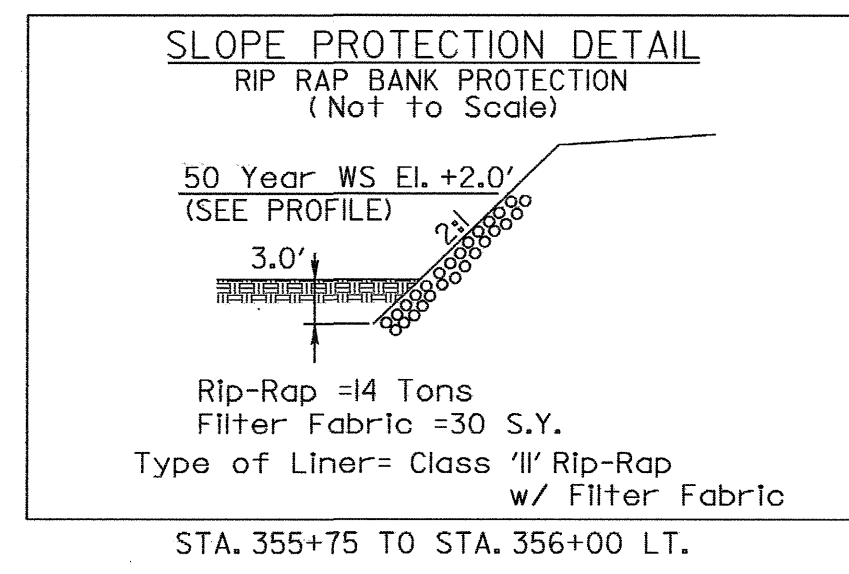
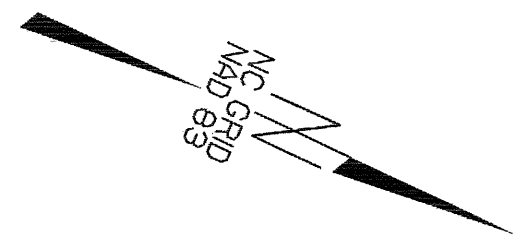
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TIME: #8/11/08
DATE: #8/11/08

PROJECT REFERENCE NO.	SHEET NO.
R-2100B	EC-II/CONST.II
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 11

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

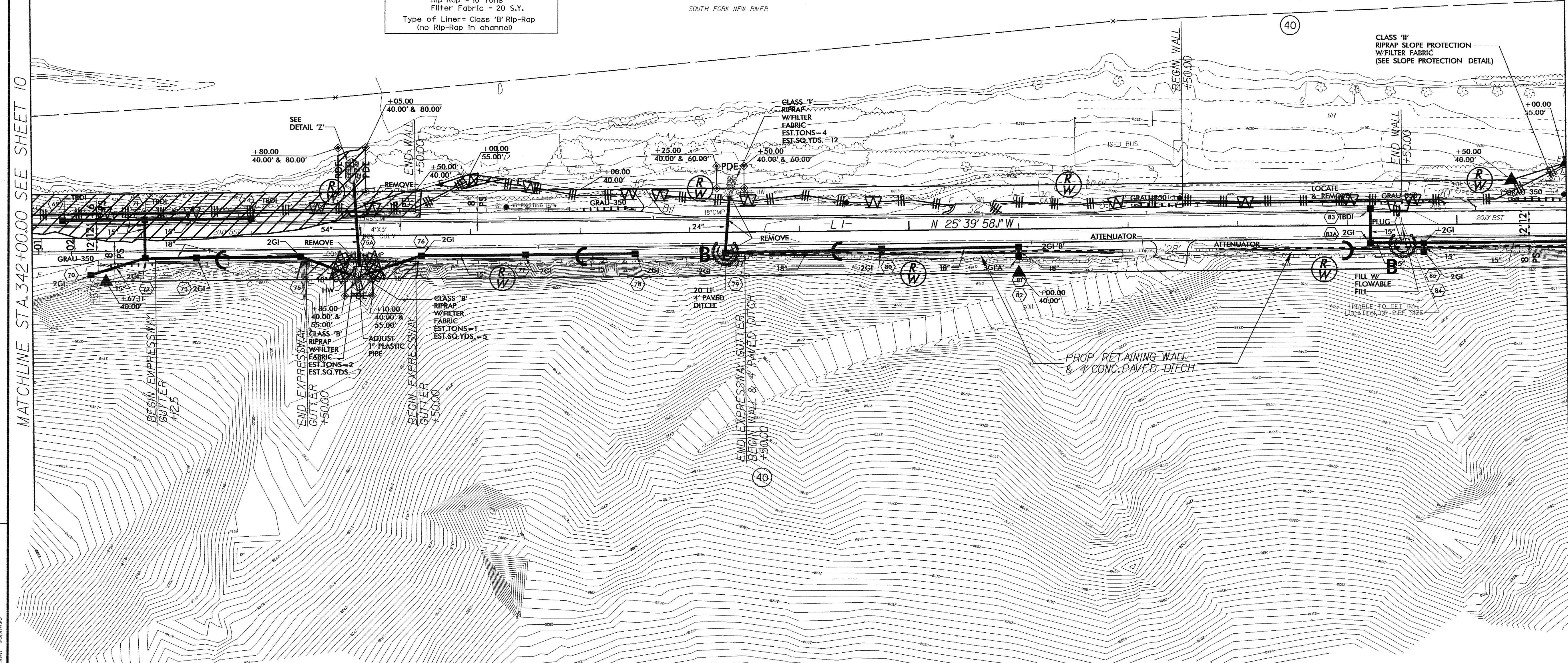
 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS



REVISIONS
REVISION 1: 10/23/2008 Changed Detail Z. Added existing driveway right of 350+00
REVISION 2: 1/12/2009 Added driveway left of 347+60 and right of 352+40
Added impact attenuators right of 347+252+40. Revised driveway left of 347-350+50.

MATCHLINE STA. 342+00.00 SEE SHEET 10

MATCHLINE STA. 356+00.00 SEE SHEET 12



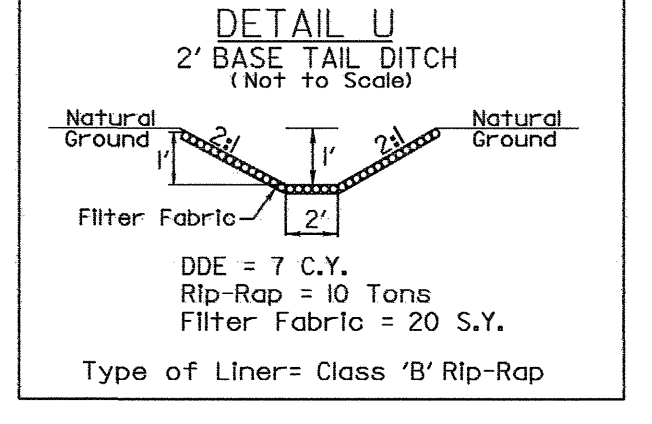
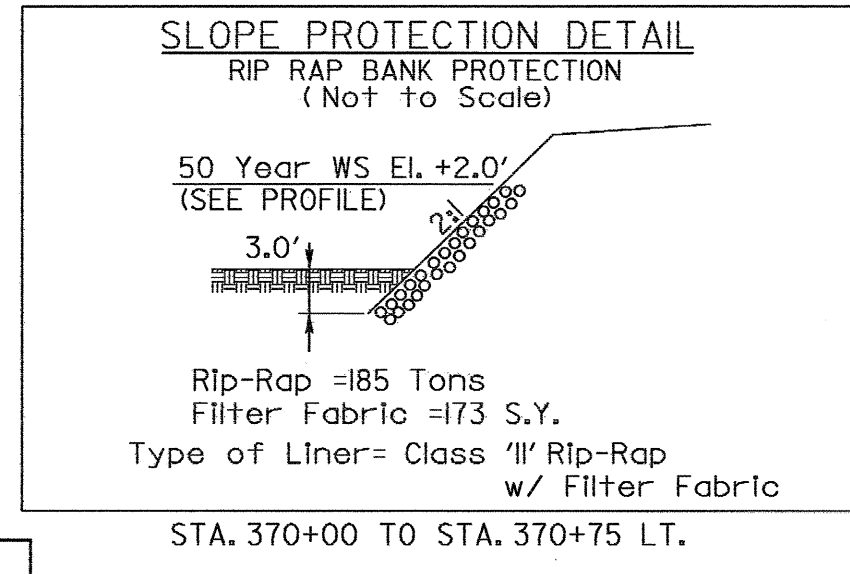
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TIME: #00:00##
CON: #000000##

PROJECT REFERENCE NO.	SHEET NO.
R-2100B	EC-13/CONST.13
R/W SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 13

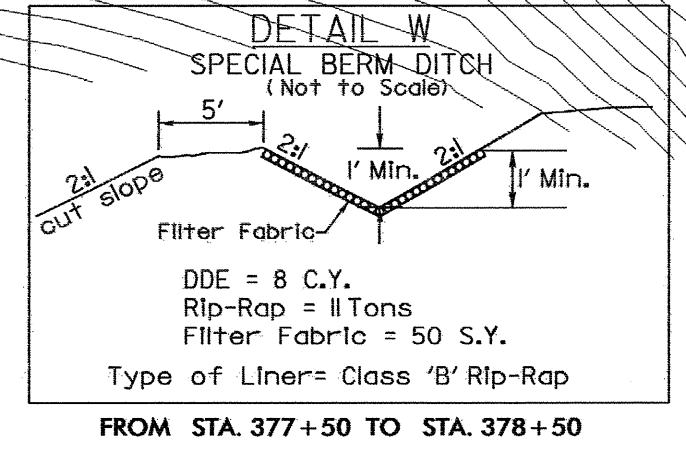
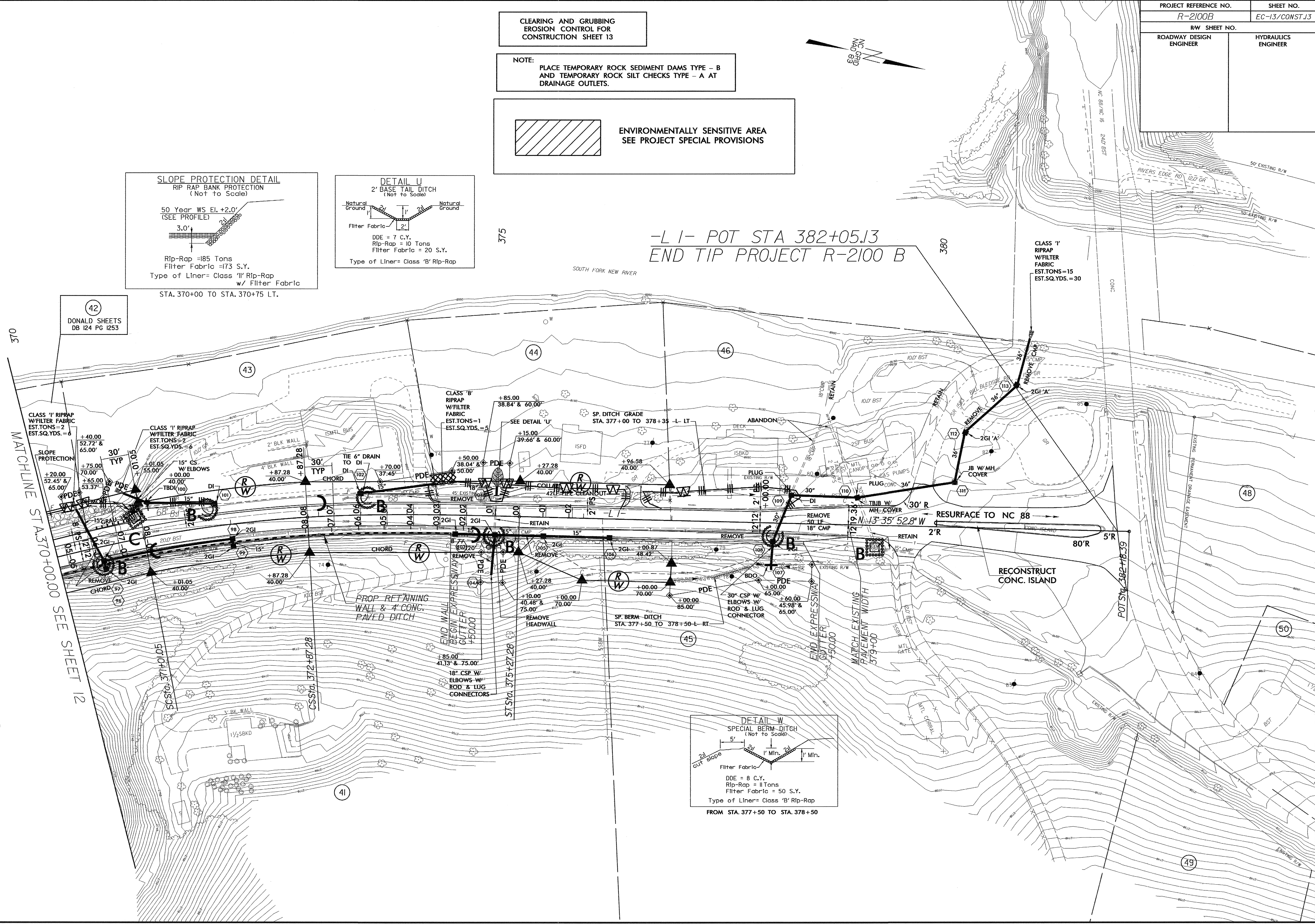
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

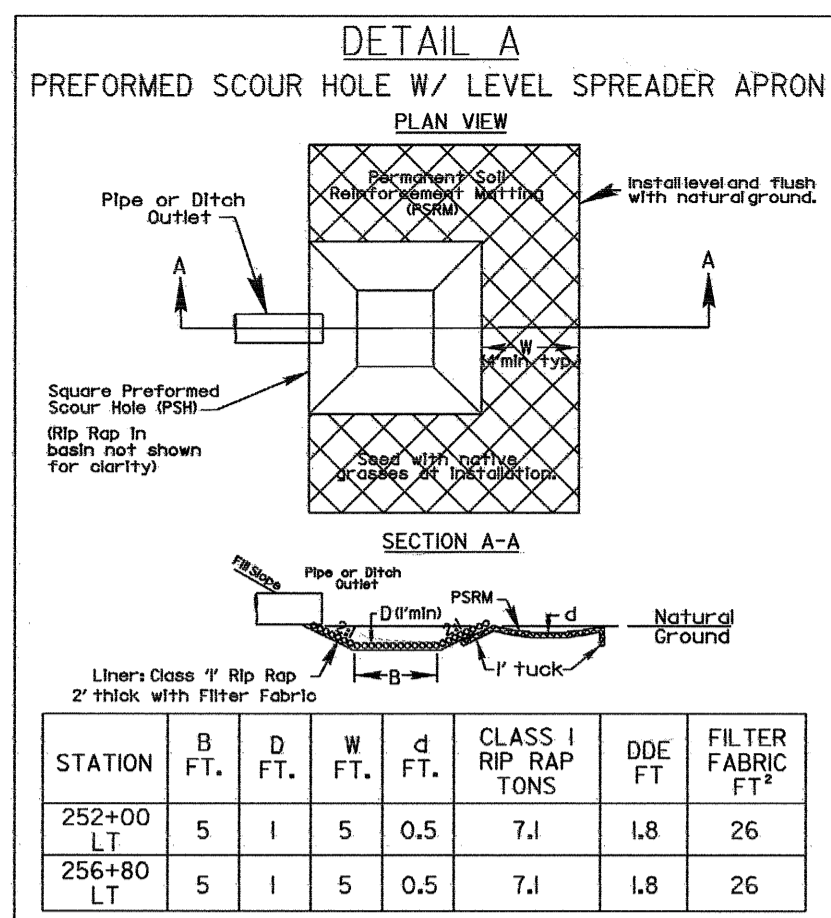


-L I- POT STA 382+05.13
END TIP PROJECT R-2100 B

REVISIONS
REVISION: 6/5/2008 Added existing above ground tank to Parcel 46

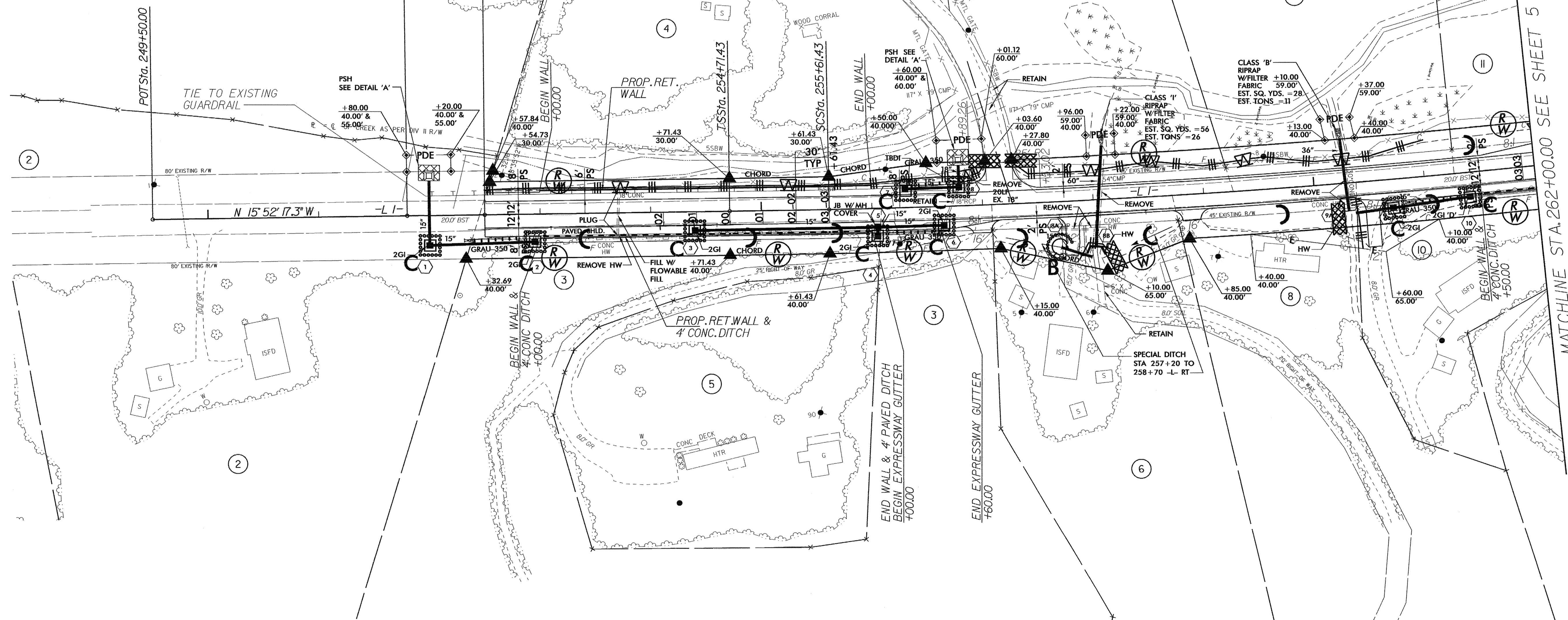


USER: #USER#
DATE: #DATE#
TIME: #TIME#
DGN: #DGN#



-L I- POT STA 252+50.00
BEGIN TIP PROJECT R-2100 B

-L I- POT STA 251+80.00
BEGIN CONSTRUCTION R-2100 B



REVISIONS
 REVISION 1: 8/12/2008 Added existing Right-of-Way elements left and right of 253+00. Changed Property Line between Parcel 2 and Parcel 3. Changed limits of RW for On Site Mitigation area left of 262+00.
 REVISION 2: 1/13/2009 Changed name and deed book reference for parcels 6, 8, and 11. Reduced Take for Future Mitigation Site on Parcels 7, 9, and 11 to standard 40.0' width and added easements.

USER: #USER##
 DATE: #DATE##
 TIME: #TIME##
 DGN: #DGN##

MATCHLINE STA. 262+00.00 SEE SHEET 5

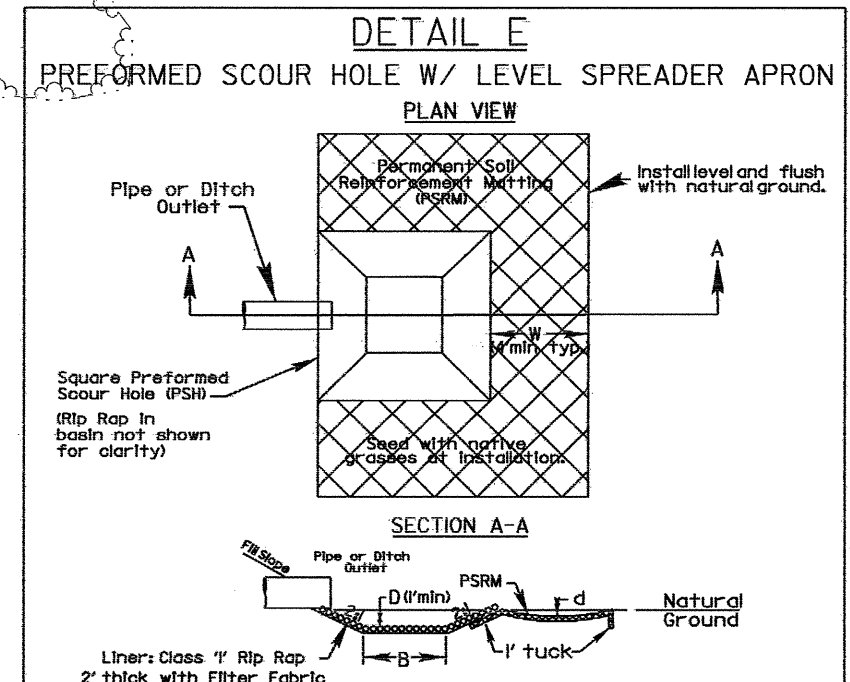
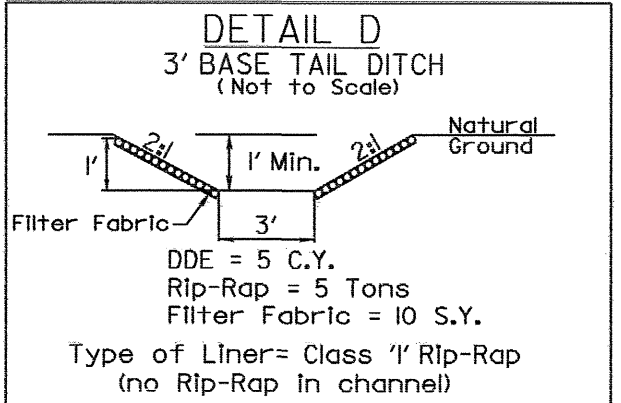
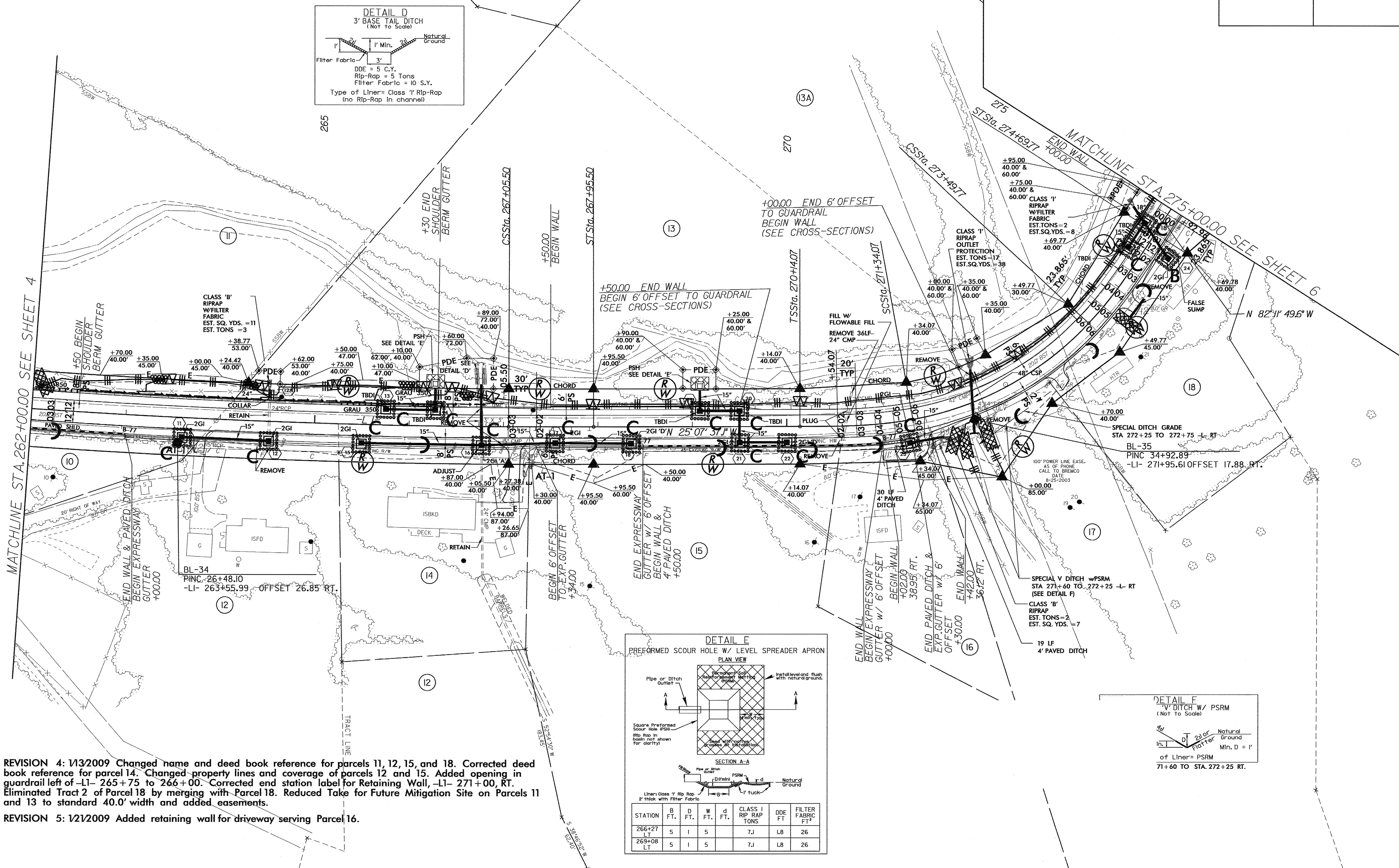
PROJECT REFERENCE NO.	SHEET NO.
R-2100B	EC-15/CONST.5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

REVISIONS

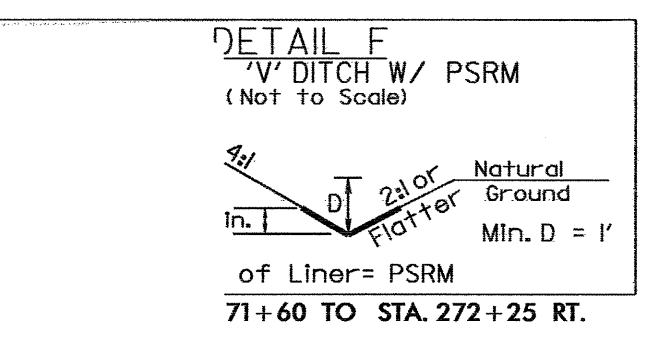
REVISION: 8/12/2008 Changed property owner and deed book number for Parcel 13. Renumbered a tract of Parcel 13 to 13A and changed owner name and deed book number. Changed name and deed book number for Parcel 16. Changed limits of On Site Mitigation left of 264+00. Added easement for driveway right of 267+00.

REVISION 3: 12/19/2008 Added Deed Book Number for parcel 12. Changed Property Owner Name for parcel 15.

REVISION 2: 10/23/2008 Modified drainage system at 269+50.



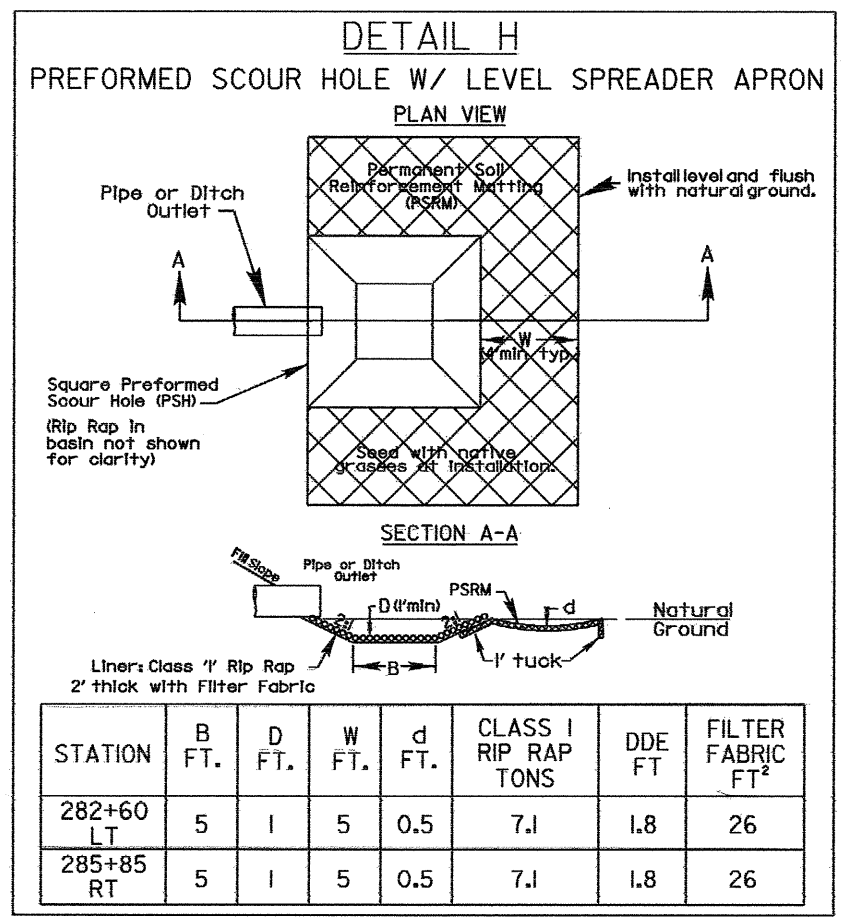
STATION	B FT.	D FT.	W FT.	d FT.	CLASS I RIP RAP TONS	DDE FT	FILTER FABRIC FT ²
266+27 LT	5	1	5		7.1	1.8	26
269+08 LT	5	1	5		7.1	1.8	26



REVISION 4: 1/13/2009 Changed name and deed book reference for parcels 11, 12, 15, and 18. Corrected deed book reference for parcel 14. Changed property lines and coverage of parcels 12 and 15. Added opening in guardrail left of -L1- 265+75 to 266+00. Corrected end station label for Retaining Wall, -L1- 271+00, RT. Eliminated Tract 2 of Parcel 18 by merging with Parcel 18. Reduced Take for Future Mitigation Site on Parcels 11 and 13 to standard 40.0' width and added easements.

REVISION 5: 12/1/2009 Added retaining wall for driveway serving Parcel 16.

USER: #4/USER##
DATE: #8/DATE##
TIME: #8/TIME##
DGN: #8/DGN##

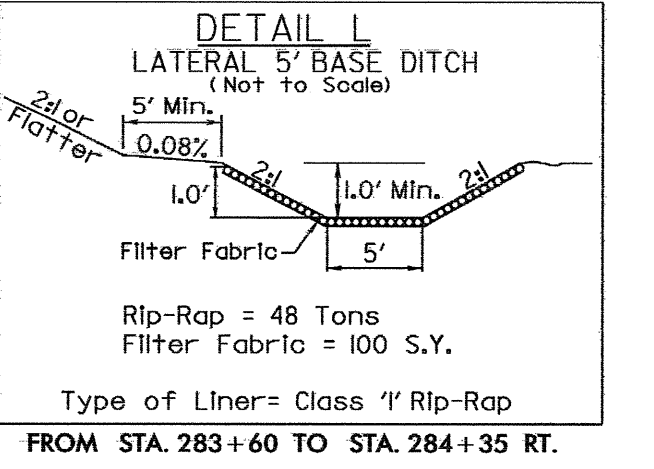
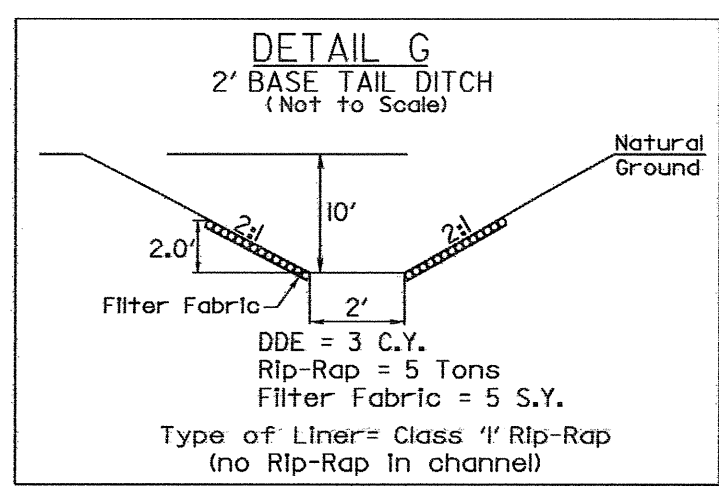
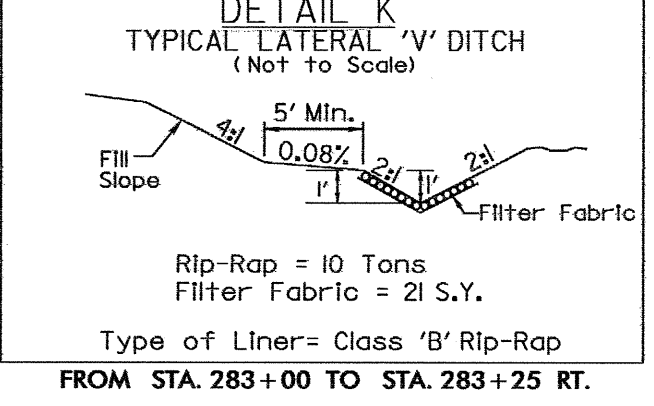
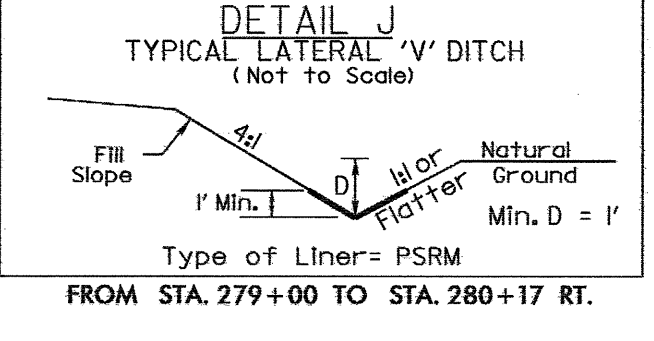
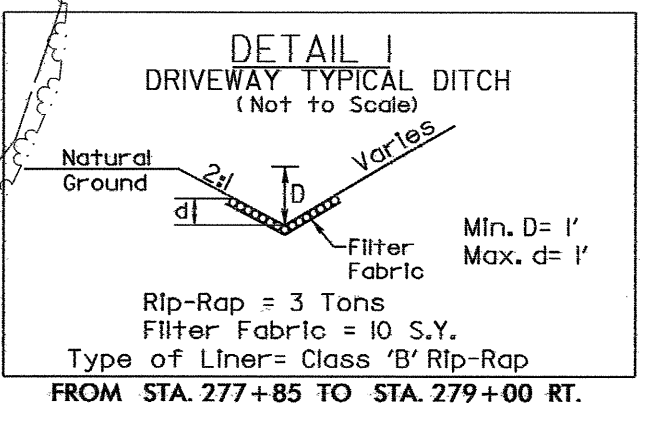
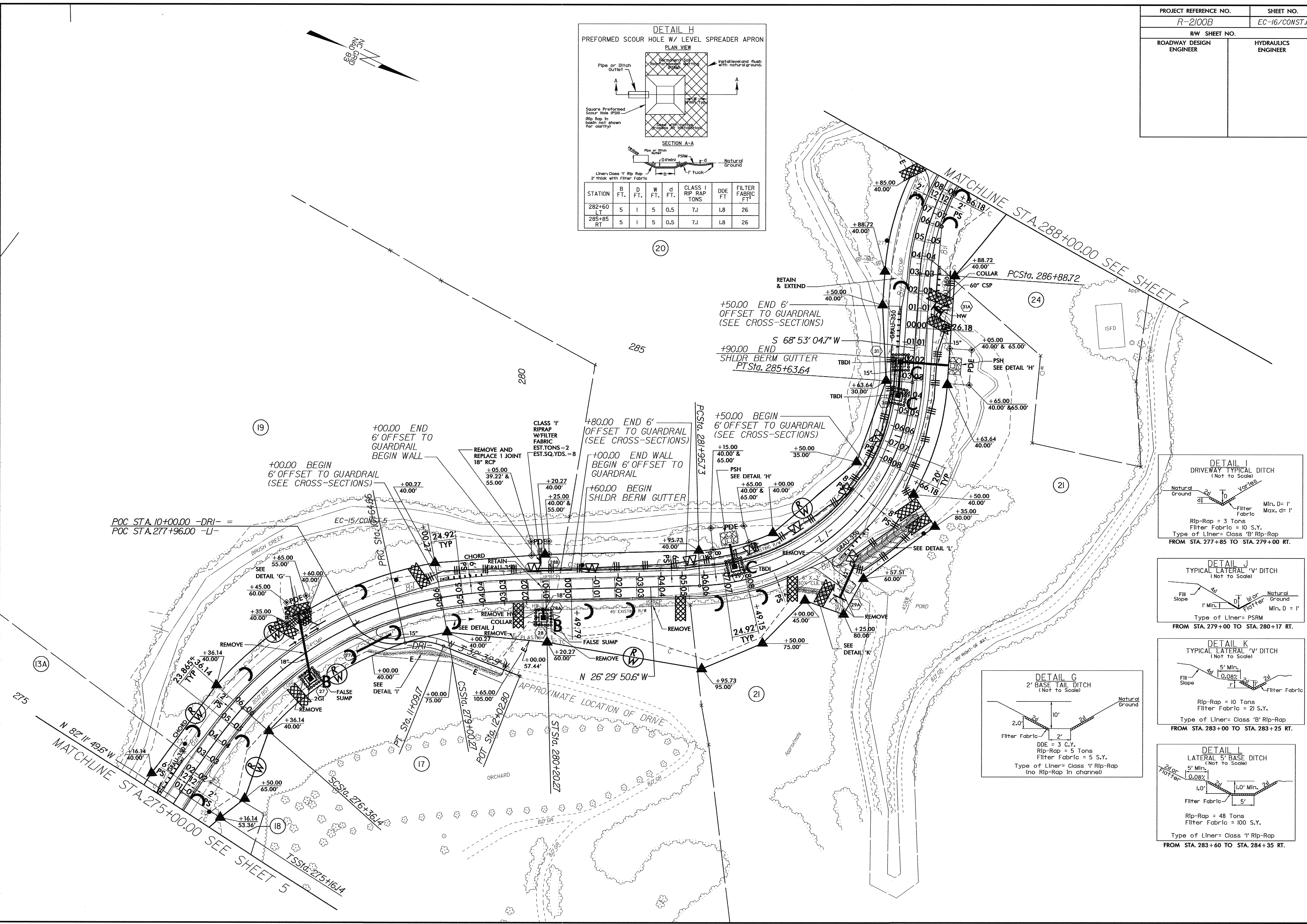


REVISIONS

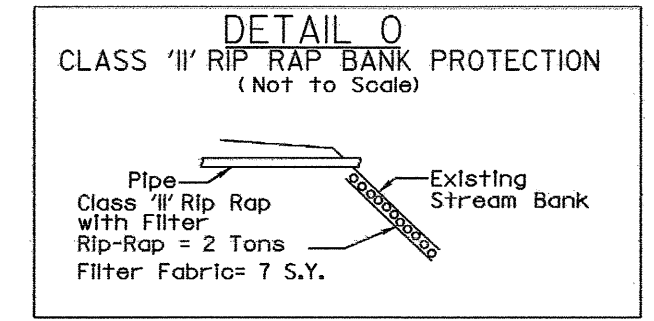
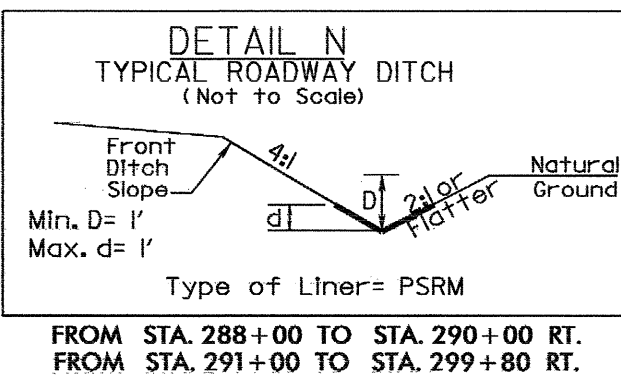
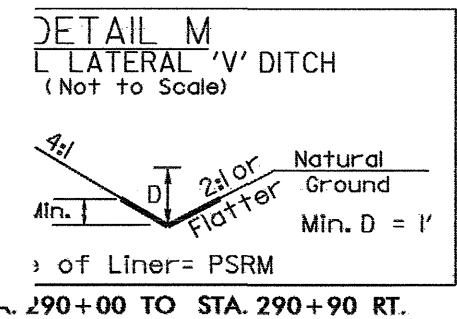
REVISION: 65/2008 Renumbered a tract of Parcel 13 to 13A and changed owner name and deed book number.

REVISION: 65/2008 Change property owner name for Parcel 19

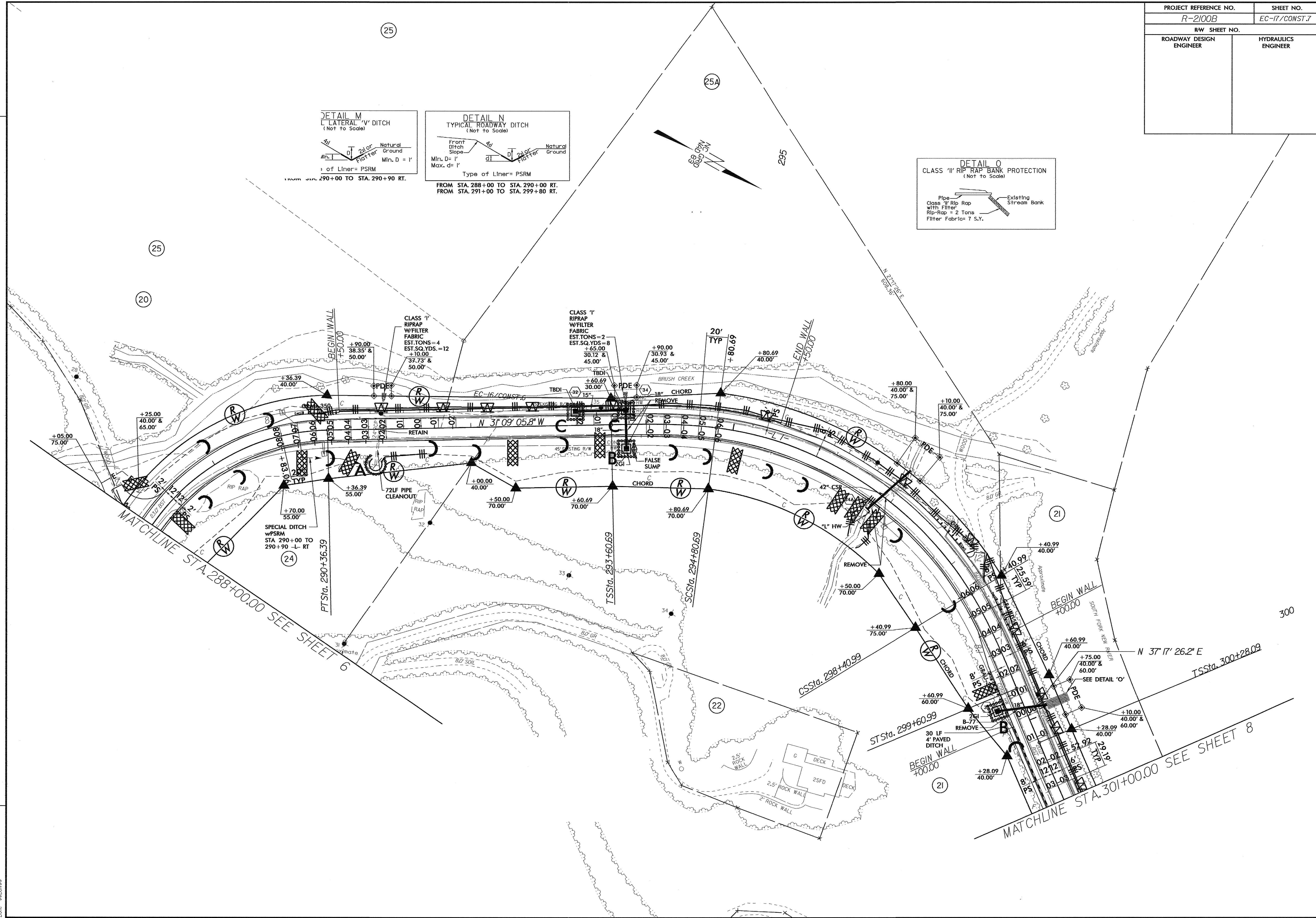
REVISION: 1/13/2009 Changed name and deed book reference for Parcel 18. Eliminated Tract 2 of Parcel 18 by merging with Parcel 18.



PROJECT REFERENCE NO. R-2100B	SHEET NO. EC-17/CONST.7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

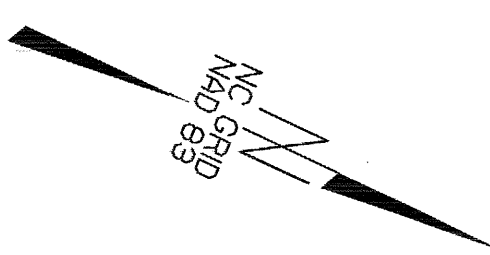


REVISIONS
 REVISION 1: 10/23/2008 Removed proposed riprap at pipe outlet 45' LT of 297+00.
 REVISION 2: 12/19/2008 Split Parcel 25 into 25 and 25A. Changed property owner for Parcel 25A.
 REVISION 3: 12/1/2009 Changed ownership of Parcel 25A to Unknown.



USER: #USER#
 DATE: #DATE#
 TIME: #TIME#
 DGN: #DGN#

PROJECT REFERENCE NO. R-2100B	SHEET NO. EC-19/CONST.9
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

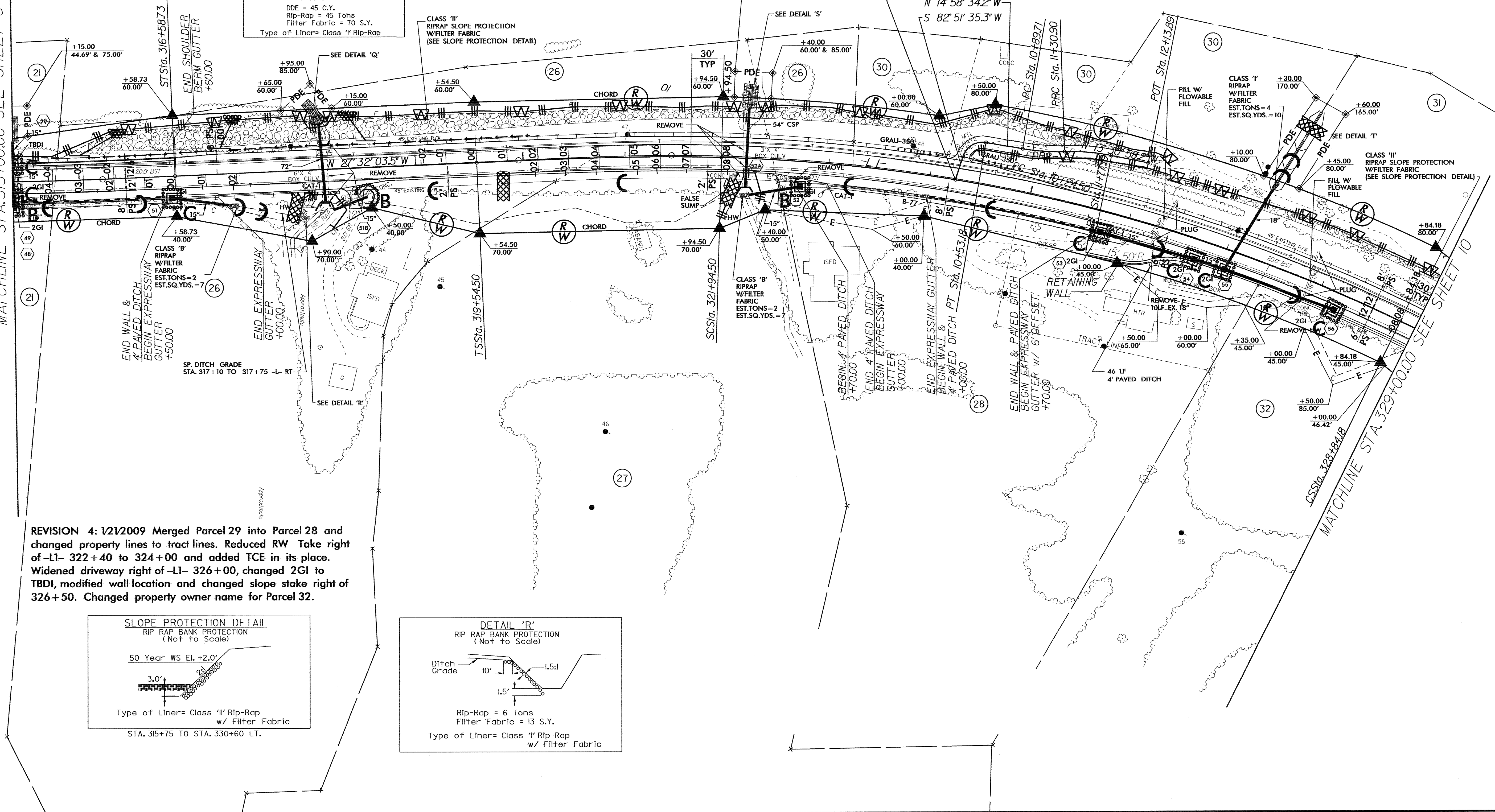
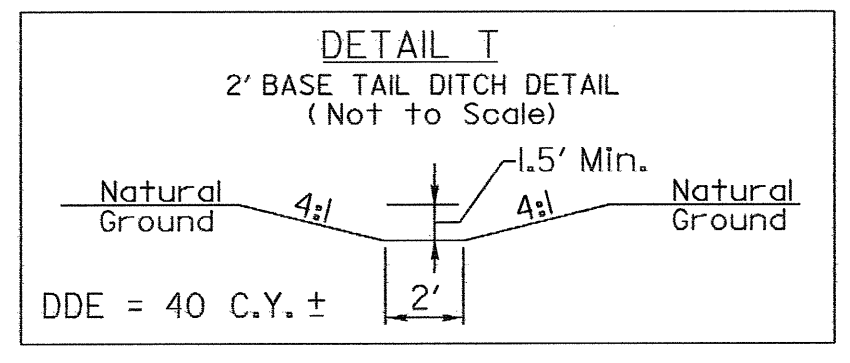
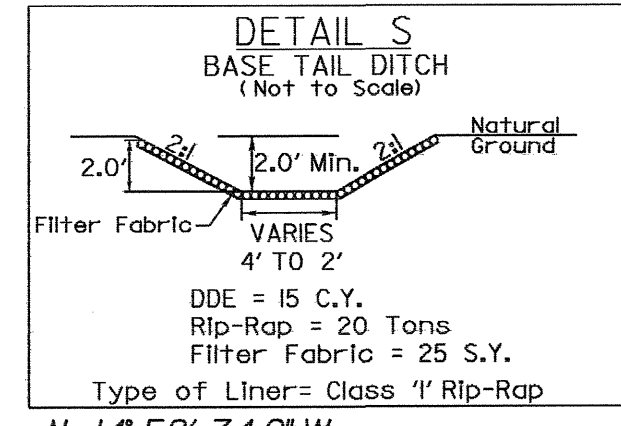
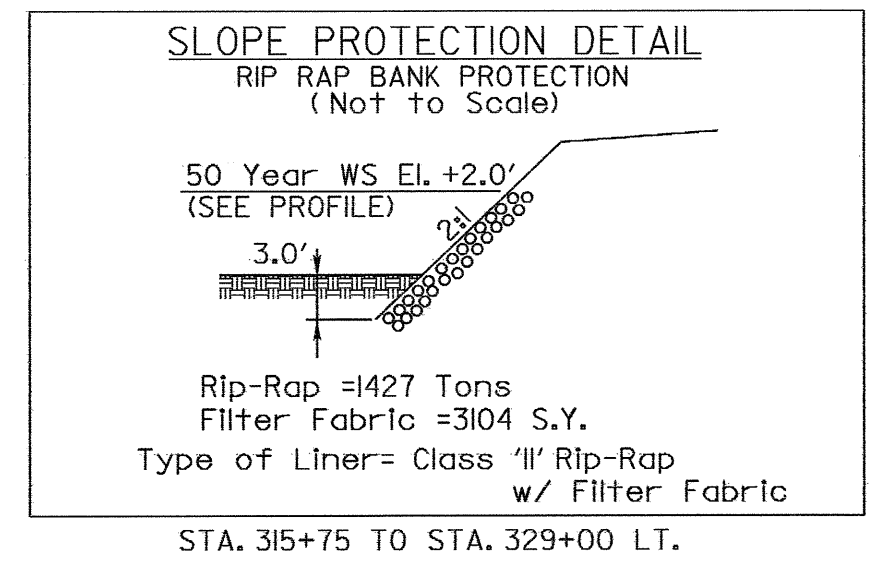
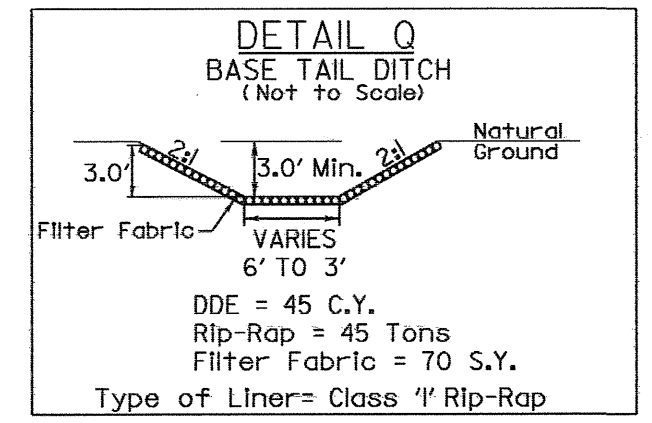
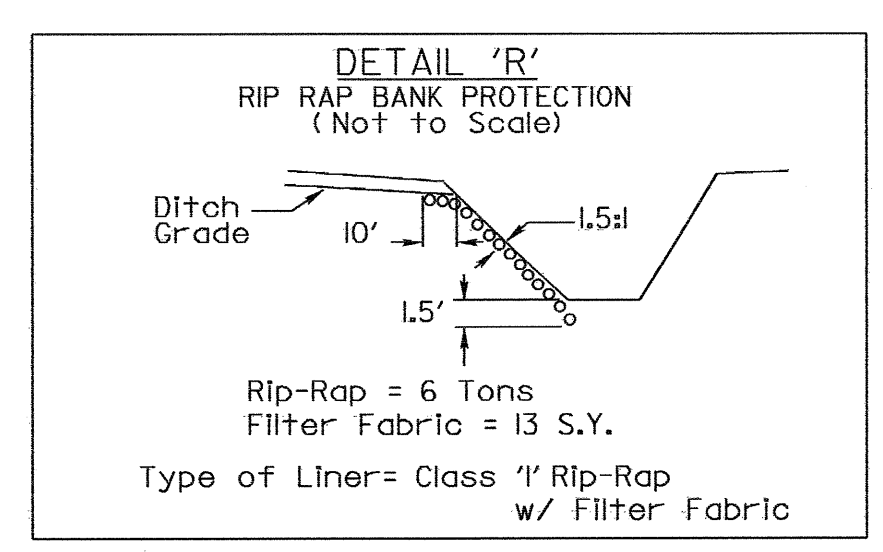
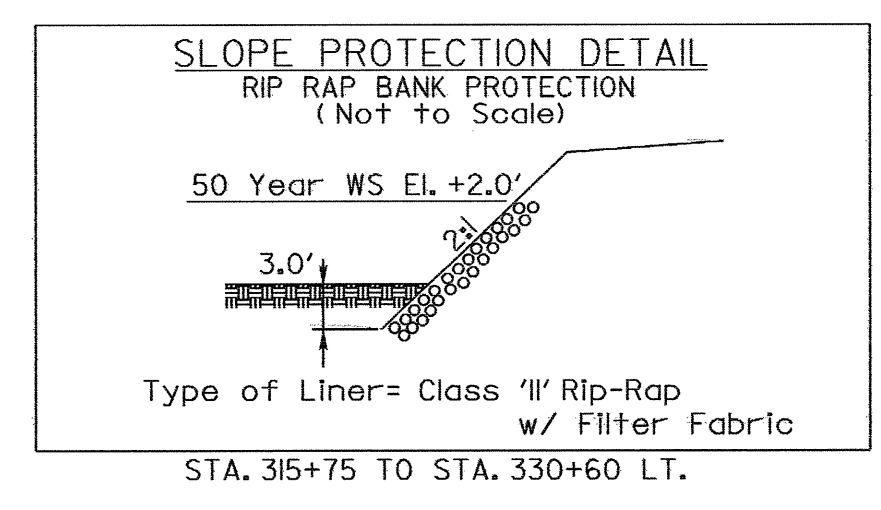


MATCHLINE STA. 315+00.00 SEE SHEET 8

MATCHLINE STA. 329+00.00 SEE SHEET 10

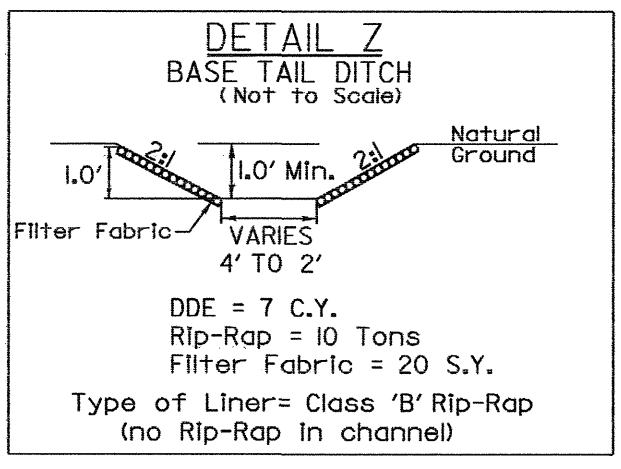
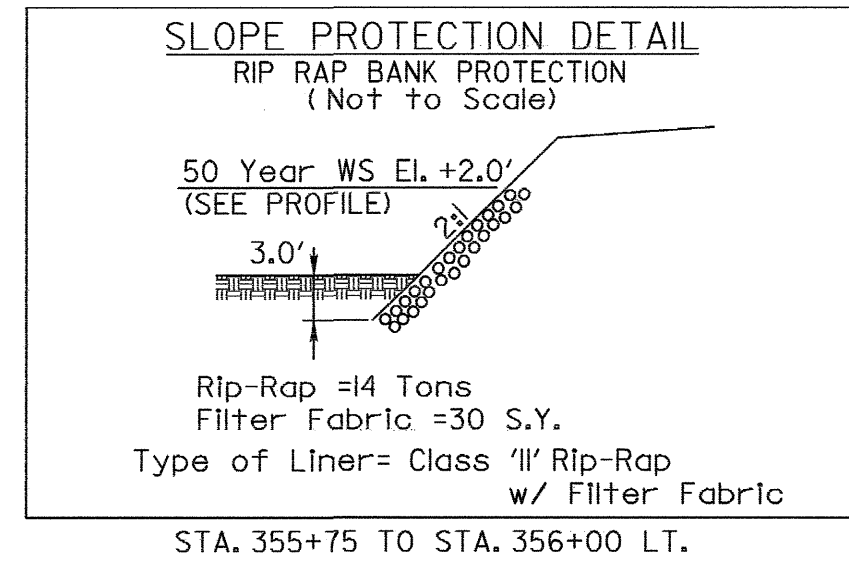
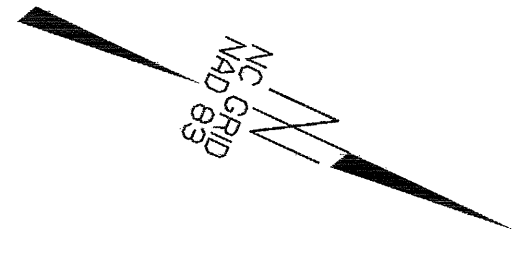
REVISIONS
 REVISION 1: 8/12/2008 Added improvements to Parcel 30
 REVISION 2: 10/23/2008 Changed property owner of Parcel 28.
 REVISION 3: 12/19/2008 Changed property owner of Parcel 28.
 REVISION 4: 1/21/2009 Merged Parcel 29 into Parcel 28 and changed property lines to tract lines. Reduced RW Take right of -L1- 322+40 to 324+00 and added TCE in its place.
 REVISION 5: 8/12/2008 Eliminated driveway left of 328+00, Parcel 31. Reduced RW Take right of -L1- 322+40 to 324+00 and added TCE in its place.
 REVISION 6: 10/23/2008 Changed Details Q and S. Changed station range on Slope Protection Detail.

REVISION 4: 1/21/2009 Merged Parcel 29 into Parcel 28 and changed property lines to tract lines. Reduced RW Take right of -L1- 322+40 to 324+00 and added TCE in its place.
 Widened driveway right of -L1- 326+00, changed 2GI to TBDI, modified wall location and changed slope stake right of 326+50. Changed property owner name for Parcel 32.



USER: ##USER##
 DATE: ##DATE##
 TIME: ##TIME##
 DWG: ##DWG##

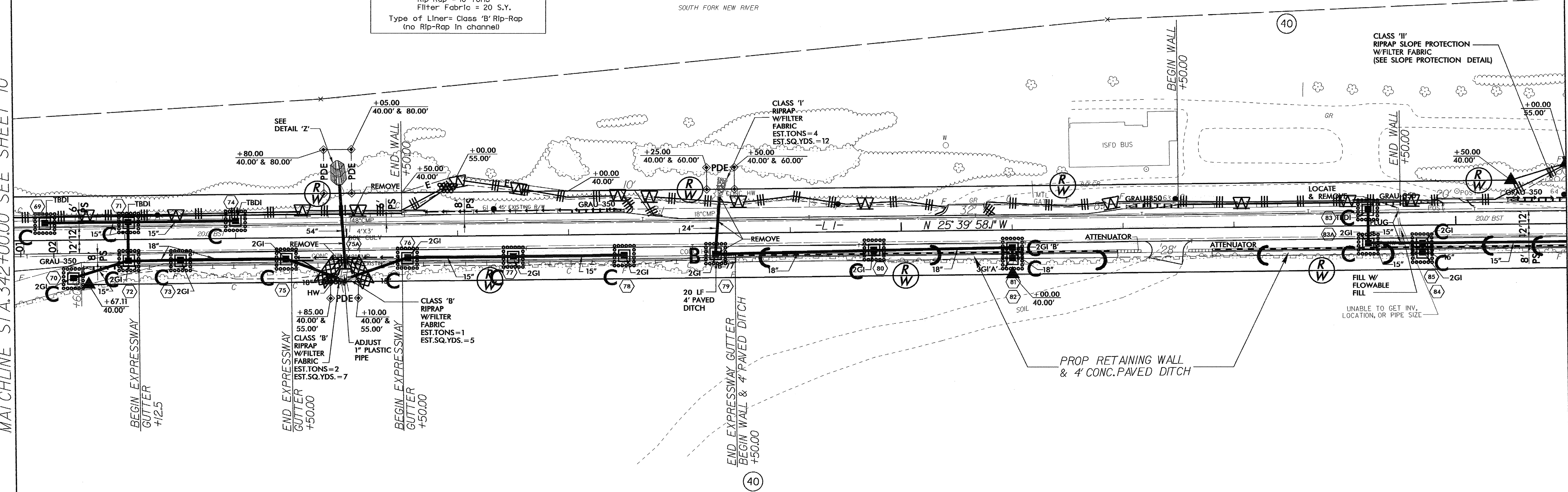
PROJECT REFERENCE NO. R-2100B		SHEET NO. EC-21/CONST.II	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

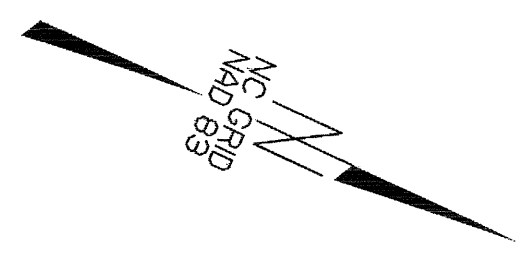


REVISIONS
 REVISION 1: 10/23/2008 Changed Detail Z. Added existing driveway right of 350+00.
 REVISION 2: 1/21/2009 Added driveway left of L1-247+60 and right of L1-352+40. Added impact attenuators right of L1-252+40. Revised driveway left of L1-350+50.

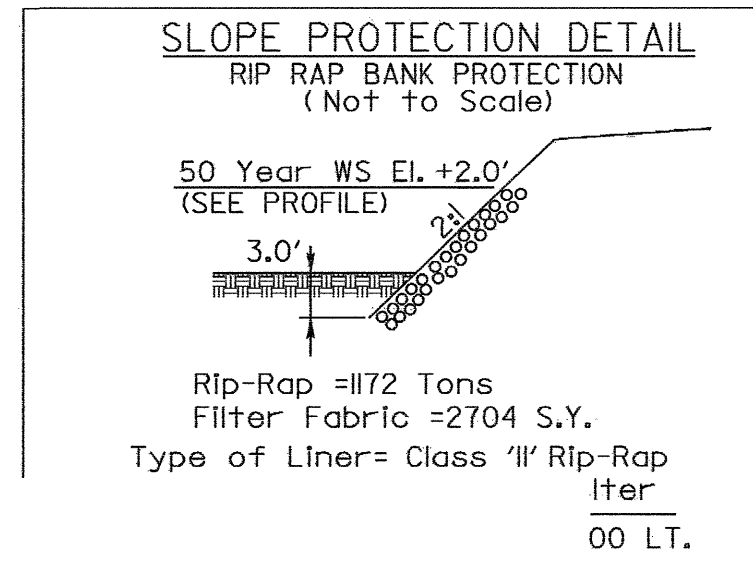
MATCHLINE STA. 342+00.00 SEE SHEET 10

MATCHLINE STA. 356+00.00 SEE SHEET 12





NOTE: UTILIZE SPECIAL STILLING BASIN AS STILLING BASIN WHERE APPLICABLE.



REVISIONS
REVISION 3: 1/21/2009 Added driveway left of 359+00. Interrupted guardrail left of -L1- 359+00 to provide driveway access. Interrupted guardrail left of -L1- 366+35 to provide property access.

REVISION 1: 8/22/2008 Removed detour and all easements associated with detour
REVISION 2: 10/23/2008 Changed Detail Y.

