

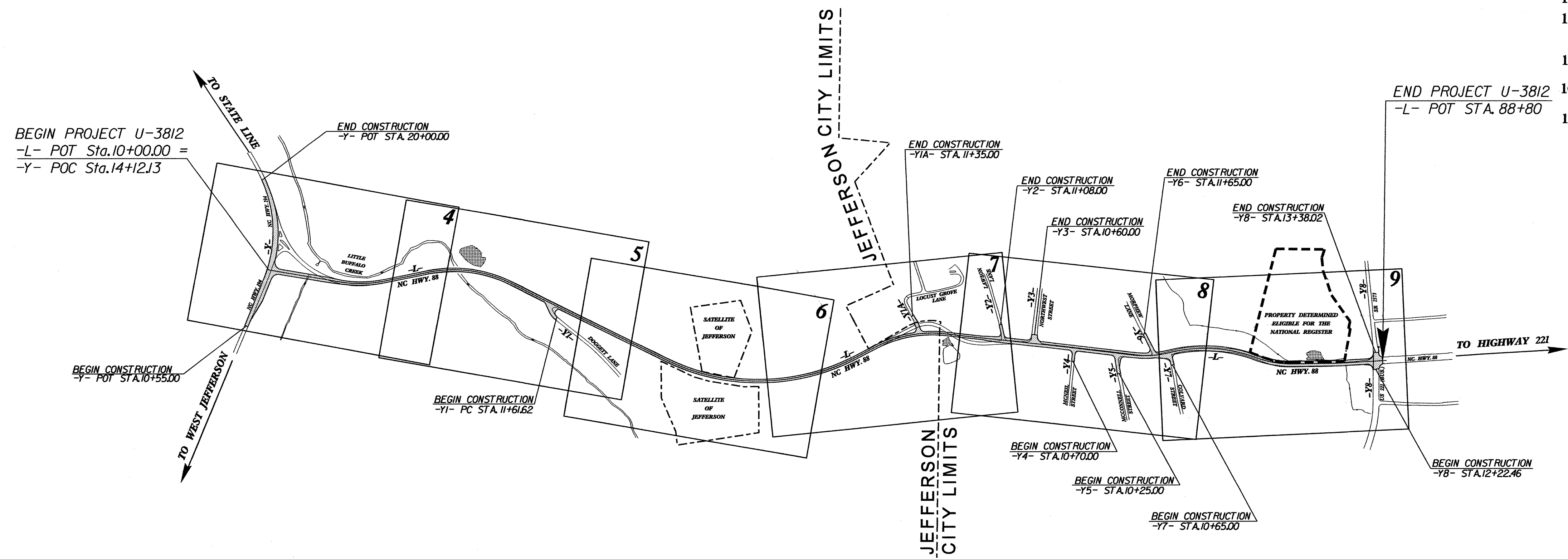
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-3812	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

TIP PROJECT: U-3812

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

**LOCATION: NC 88 (WEST MAIN ST.) FROM NC 194
TO US 221 BUSINESS (SOUTH MAIN ST.)**

**TYPE OF WORK: GRADING, PAVING, DRAINAGE,
SIGNALS, AND CULVERT.**



EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.05	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	III III III
1622.01	Silt Basin Type B	III III III
1633.01	Temporary Rock Silt Check Type-A	III III III
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	III III III
	Temporary Rock Silt Check Type-B	III III III
	Wattle / Coir Fiber Wattle	III III III
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	III III III
1634.01	Temporary Rock Sediment Dam Type-A	III III III
1634.02	Temporary Rock Sediment Dam Type-B	III III III
1635.01	Rock Pipe Inlet Sediment Trap Type-A	III III III
1635.02	Rock Pipe Inlet Sediment Trap Type-B	III III III
1630.04	Stilling Basin	III III III
1630.06	Special Stilling Basin	III III III
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	III III III
	Tiered Skimmer Basin	III III III
	Infiltration Basin	III III III

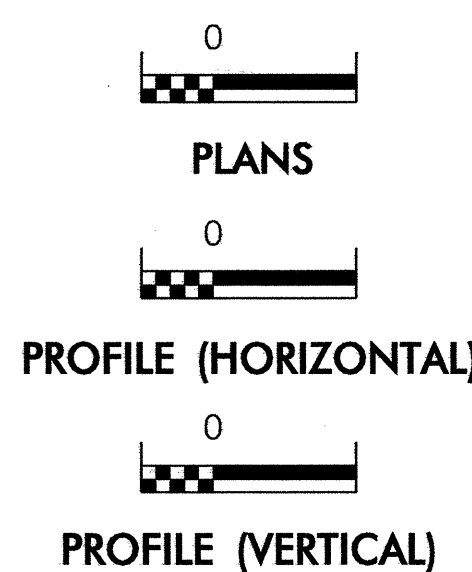
**THIS PROJECT CONTAINS
EROSION CONTROL PLANS
FOR CLEARING AND
GRUBBING PHASE OF
CONSTRUCTION.**

**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.*

GRAPHIC SCALE



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

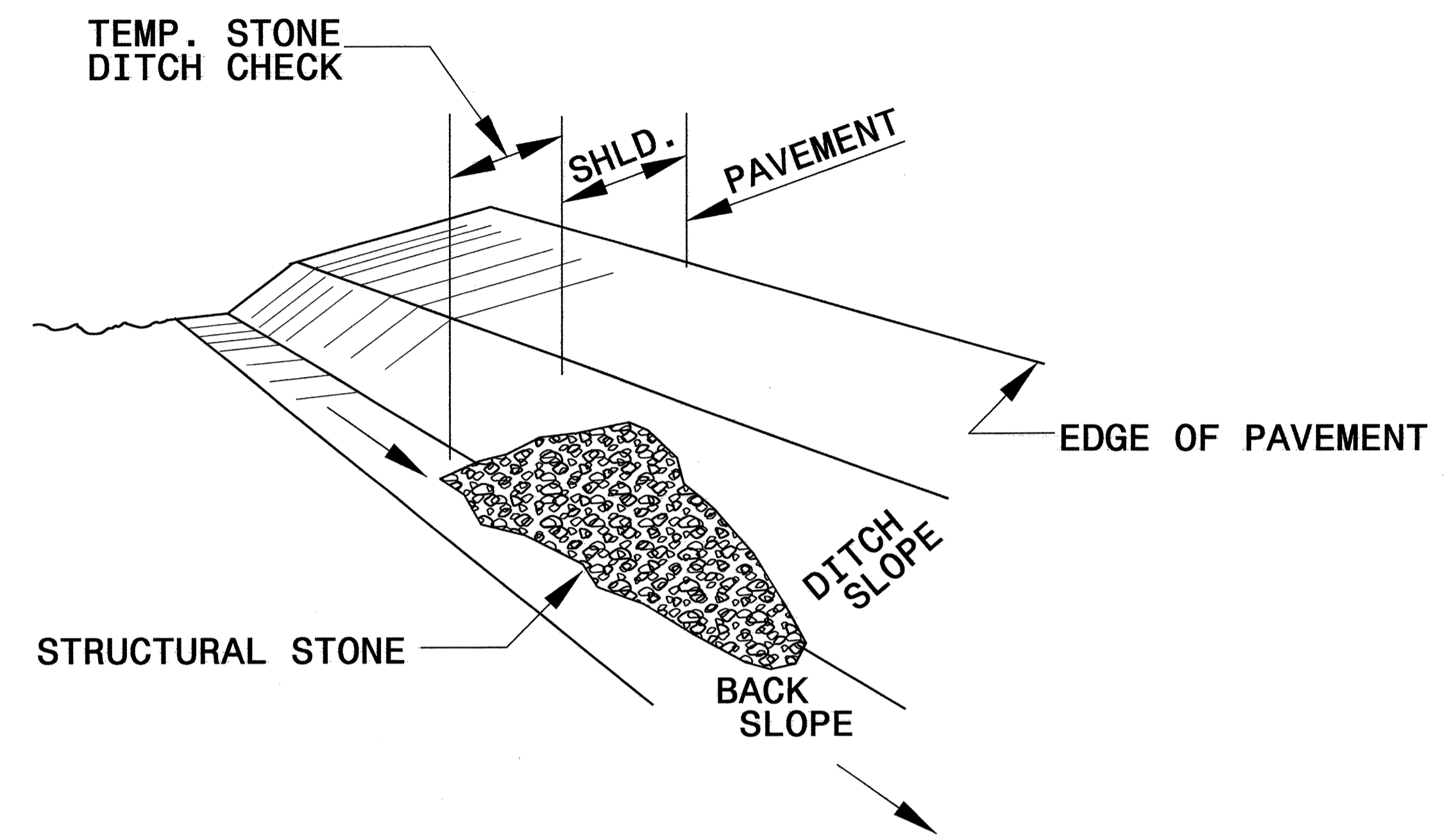
Roadway Standard Drawings

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	1630.06 Special Stilling Basin
1606.01 Special Sediment Control Fence	1632.02 Rock Inlet Sediment Trap Type B
1607.01 Gravel Construction Entrance	1632.03 Rock Inlet Sediment Trap Type C
1622.01 Temporary Berms and Slope Drains	1633.01 Temporary Rock Silt Check Type A
1630.03 Temporary Silt Ditch	1635.02 Rock Pipe Inlet Sediment Trap Type B
1630.05 Temporary Diversion	

PROJECT REFERENCE NO.	SHEET NO.
U-3812	EC-2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

TEMPORARY ROCK SILT CHECK TYPE 'B' DETAIL

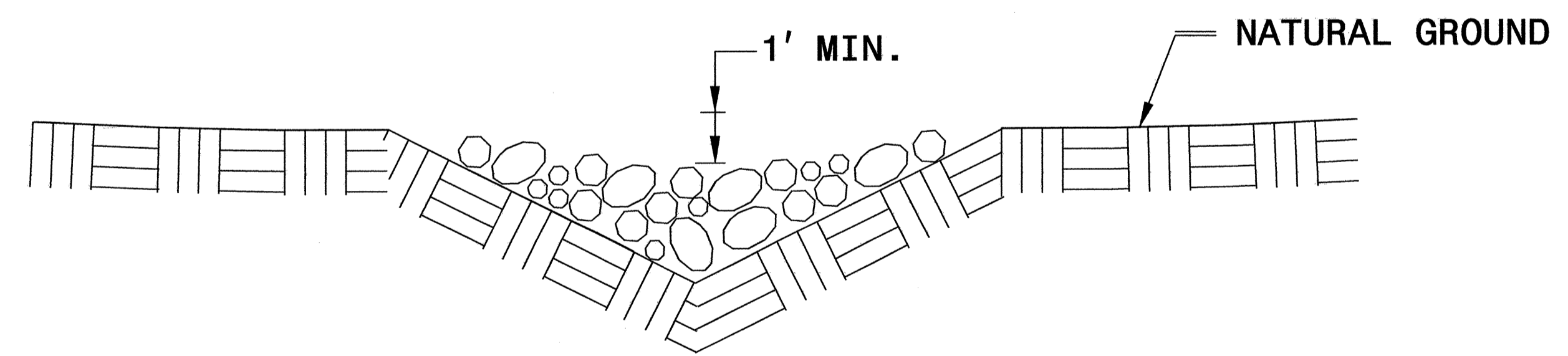


ISOMETRIC VIEW

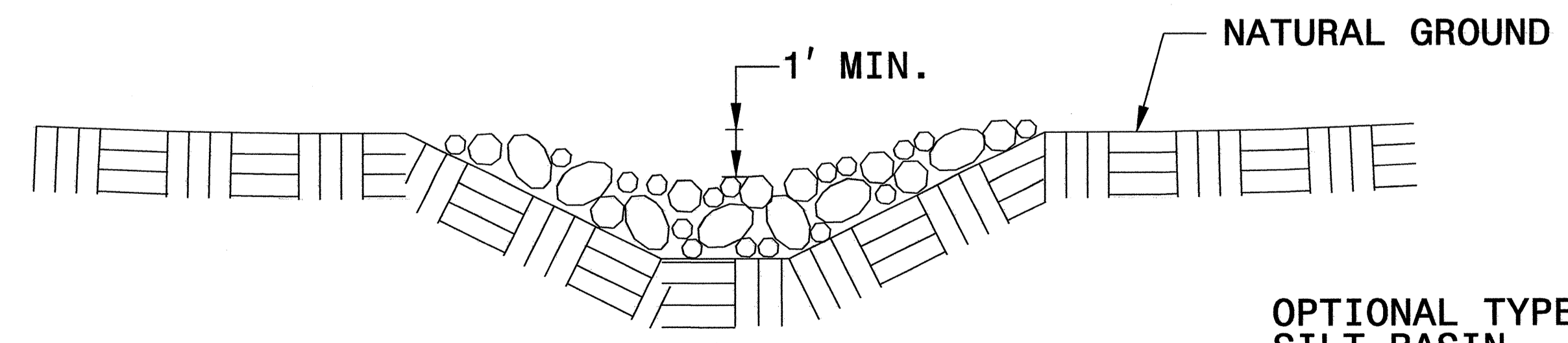
NOTES:

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

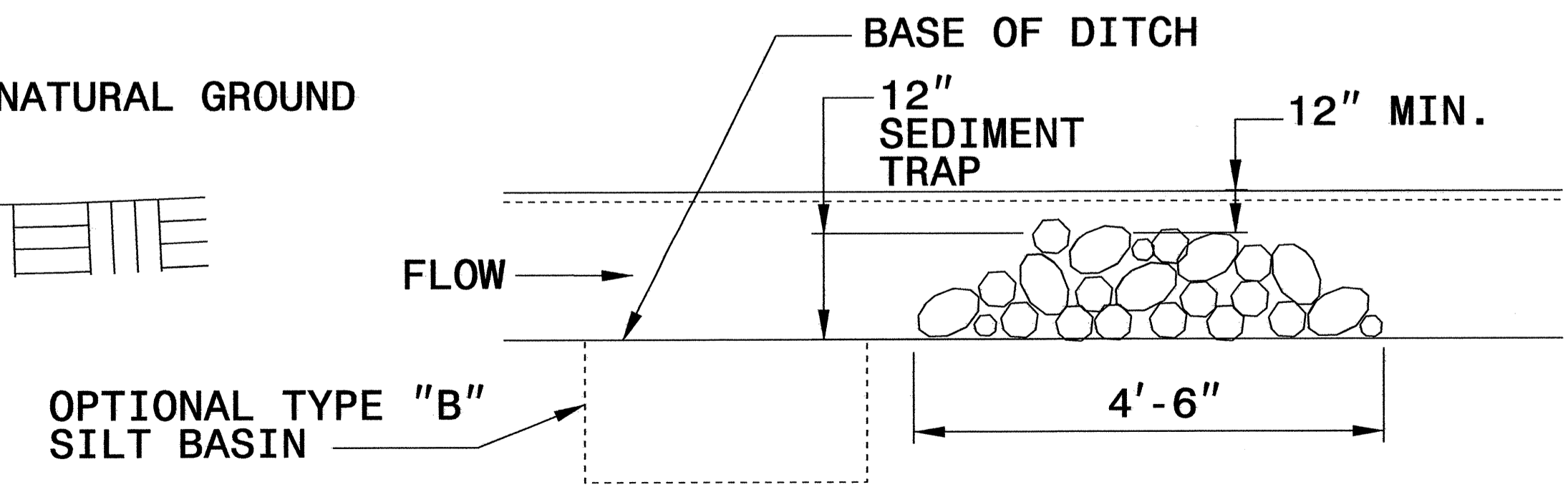
THE ENGINEER MAY DIRECT THE OPTION OF CLASS "A" STONE FOR SITES HAVING LESS THAN ONE (1) ACRE DRAINAGE AREA AND A DITCH GRADE LESS THAN 3%.



CROSS SECTION VEE DITCH



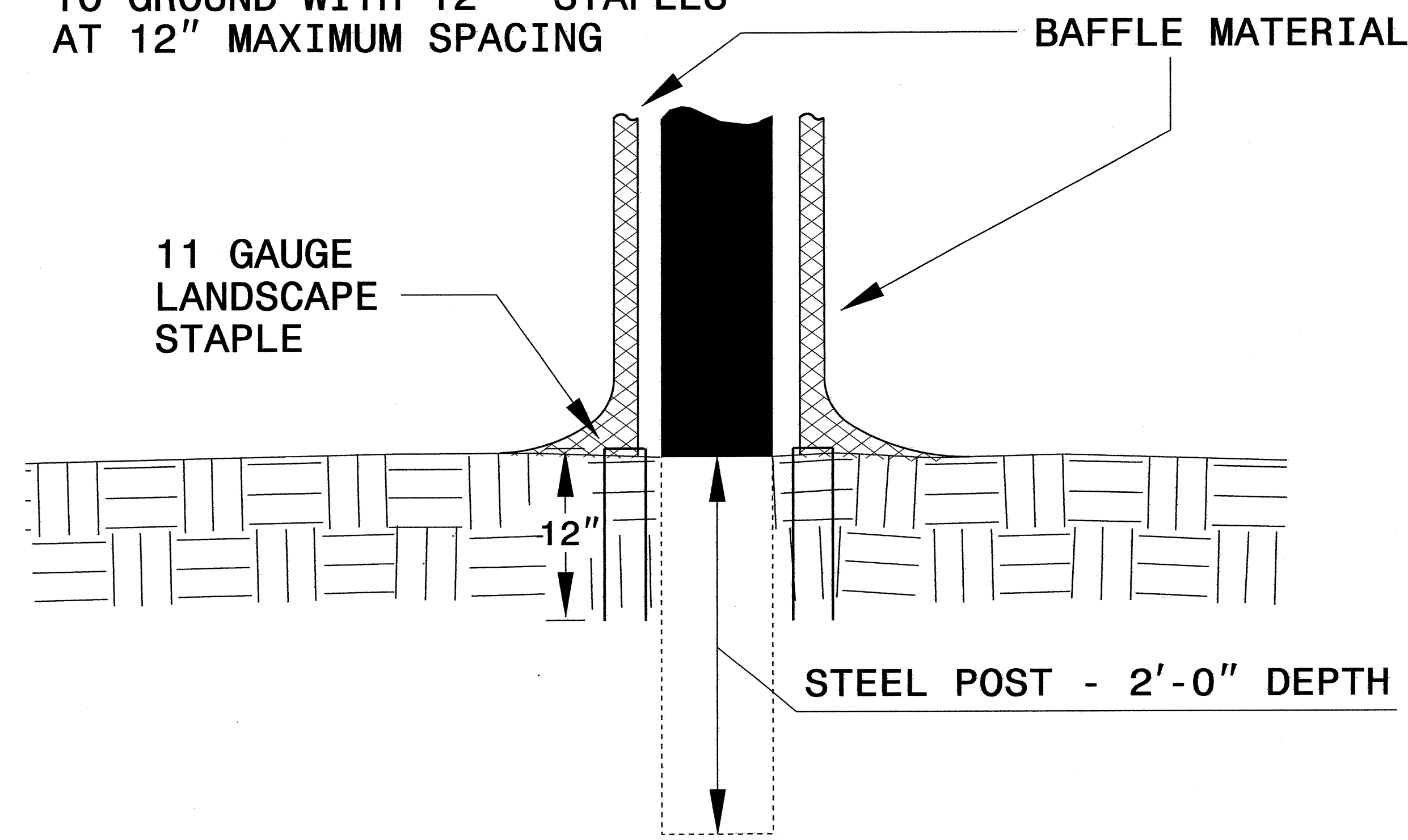
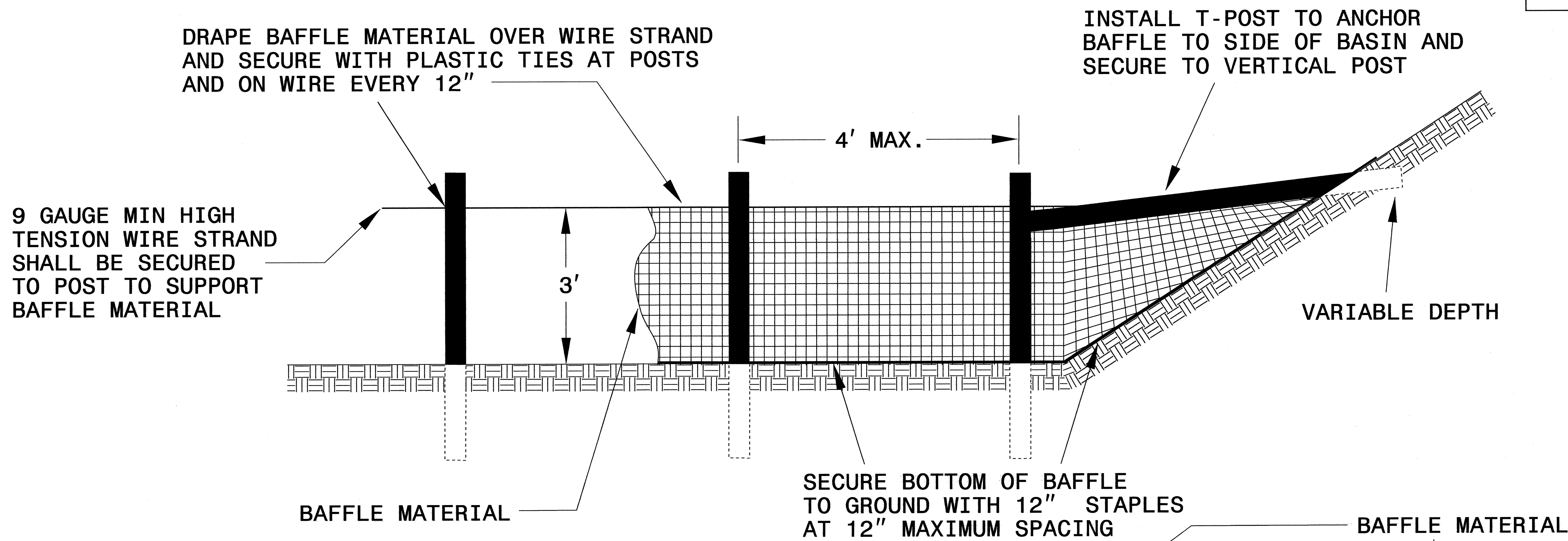
CROSS SECTION TRAPEZOIDAL DITCH



ELEVATION VIEW

PROJECT REFERENCE NO. U-3812	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.

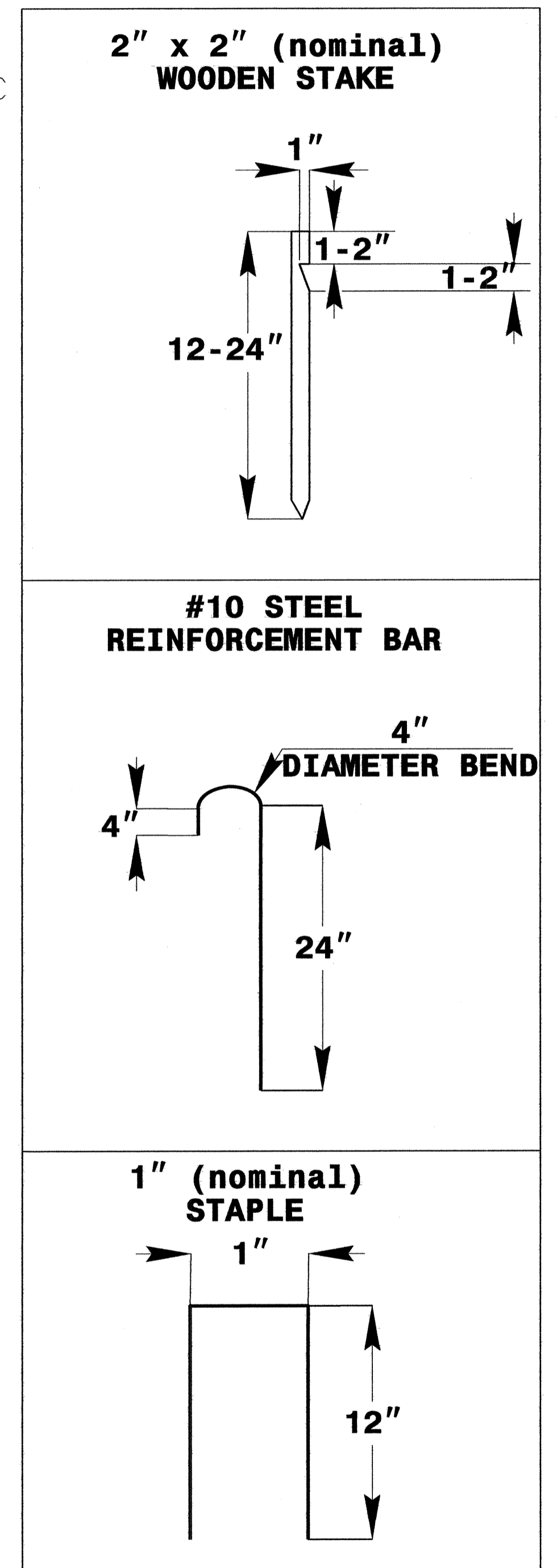
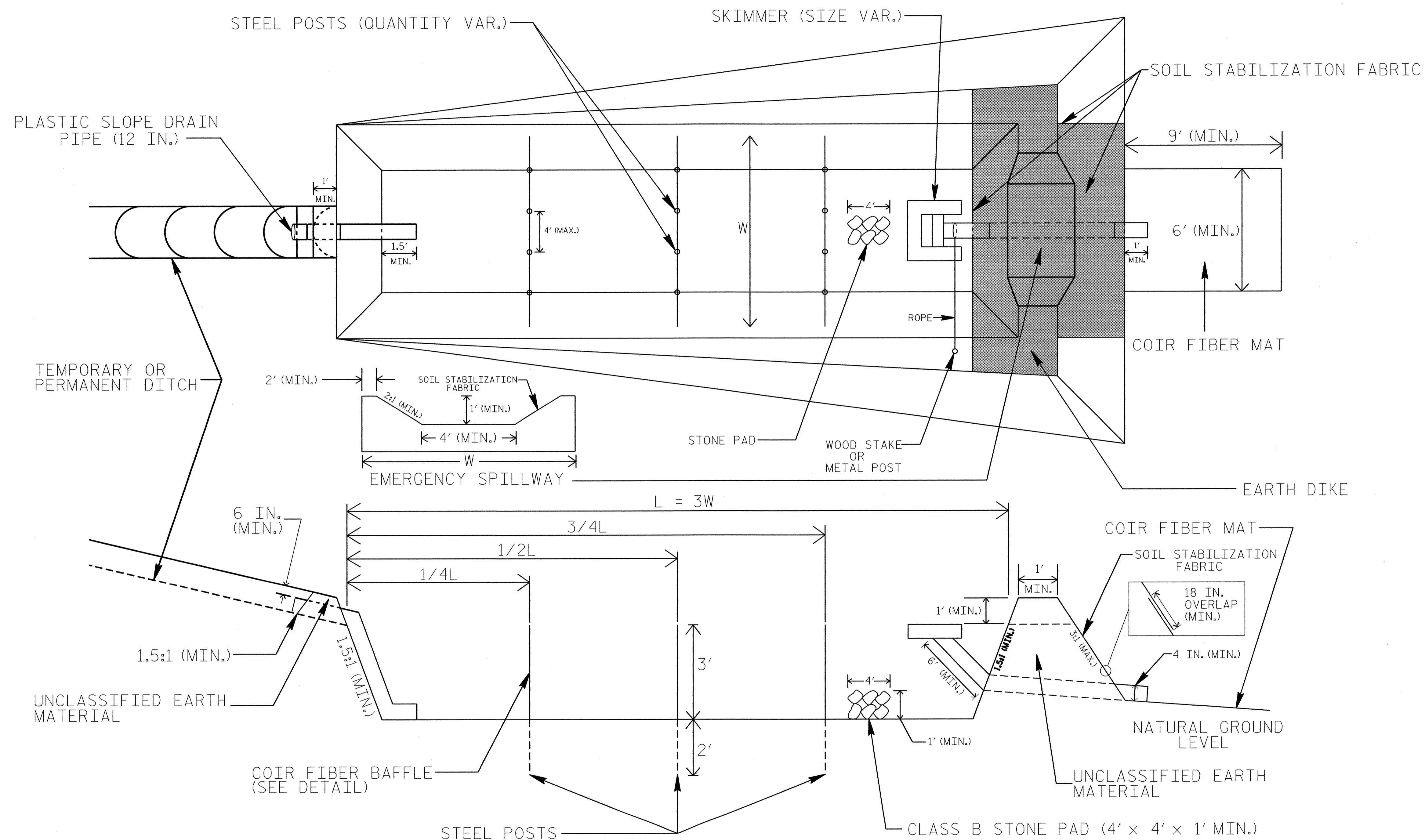
2. TWO(2) COIR FIBER BAFFLES CAN BE INSTALLED IN SILT BASINS AND DAMS LESS THAN 20 FT. IN LENGTH WITH A SPACING OF $\frac{1}{3}$ THE BASIN LENGTH.

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

PROJECT REFERENCE NO. U-3812	SHEET NO. EC-2B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SKIMMER BASIN WITH BAFFLES DETAIL



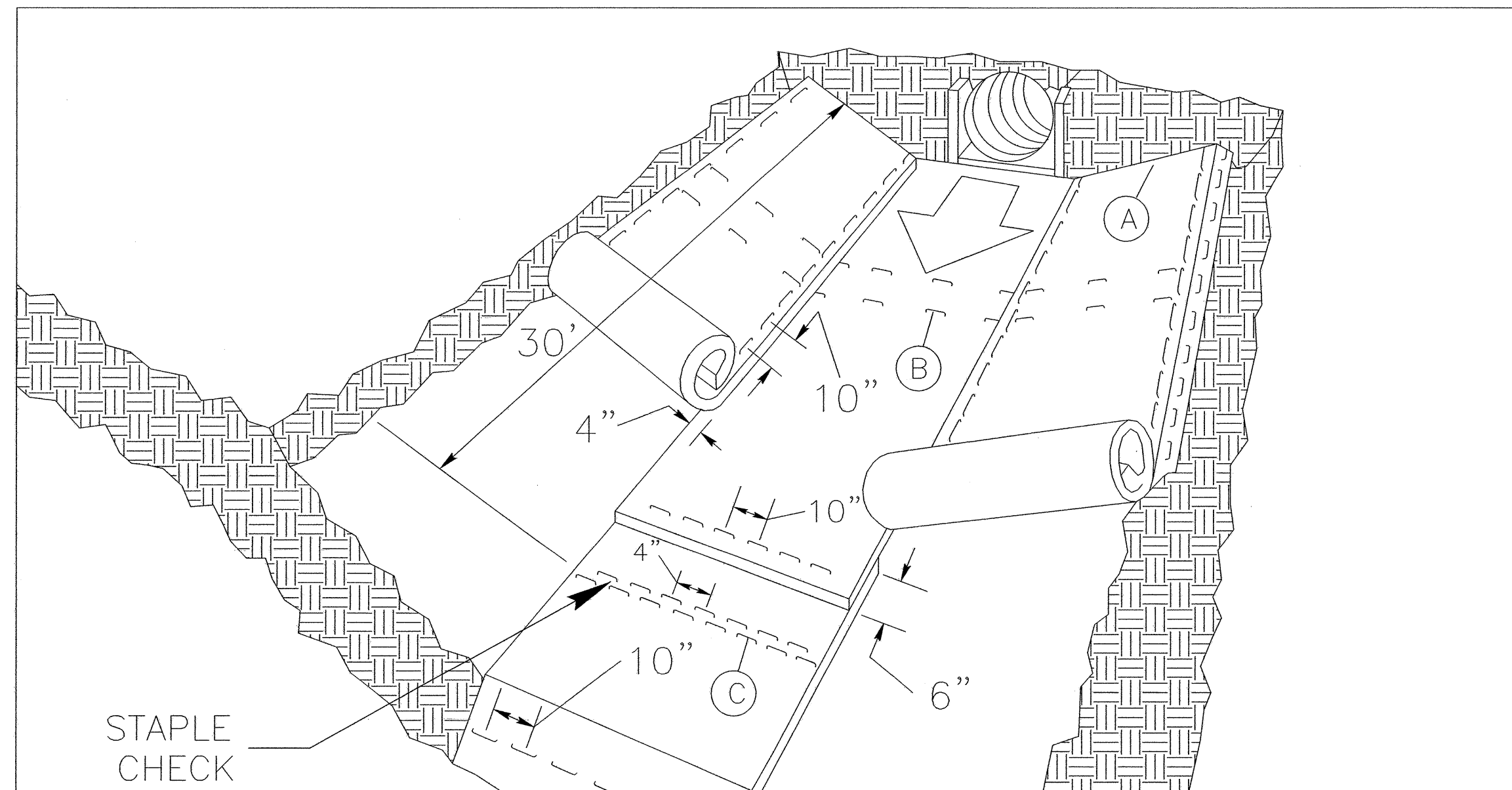
NOTES

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 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 FILTER FABRIC AS DIRECTED.
6. SOIL STABILIZATION FABRIC FOR EMERGENCY SPILLWAY SHALL BE ONE CONTINUOUS PIECE OF MATERIAL OR OVERLAPPED 18 IN. (MIN.).

NOT TO SCALE

PROJECT REFERENCE NO. U-3812	SHEET NO. EC-2C
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MATTING INSTALLATION DETAIL



MATTING IN DITCHES

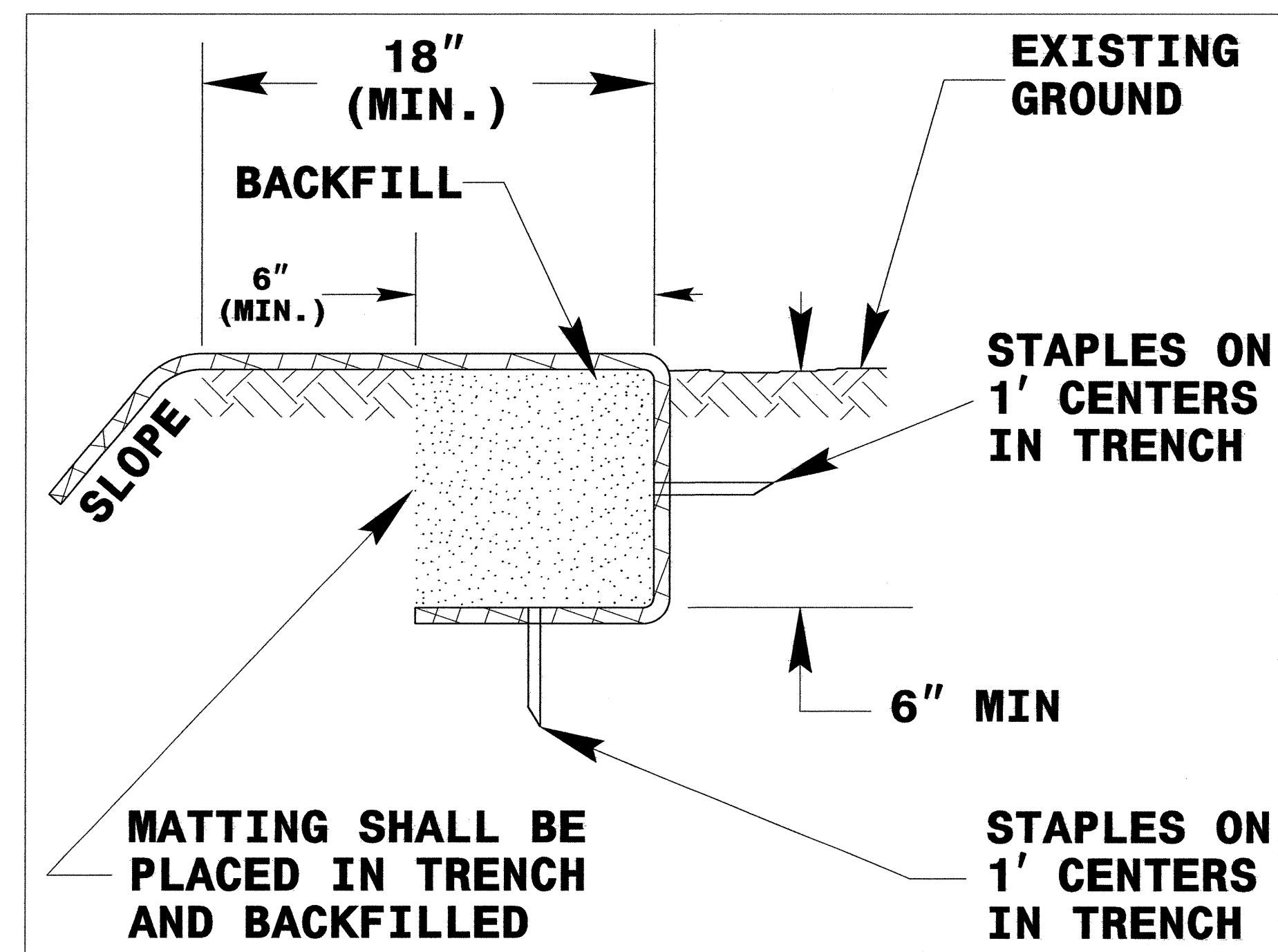
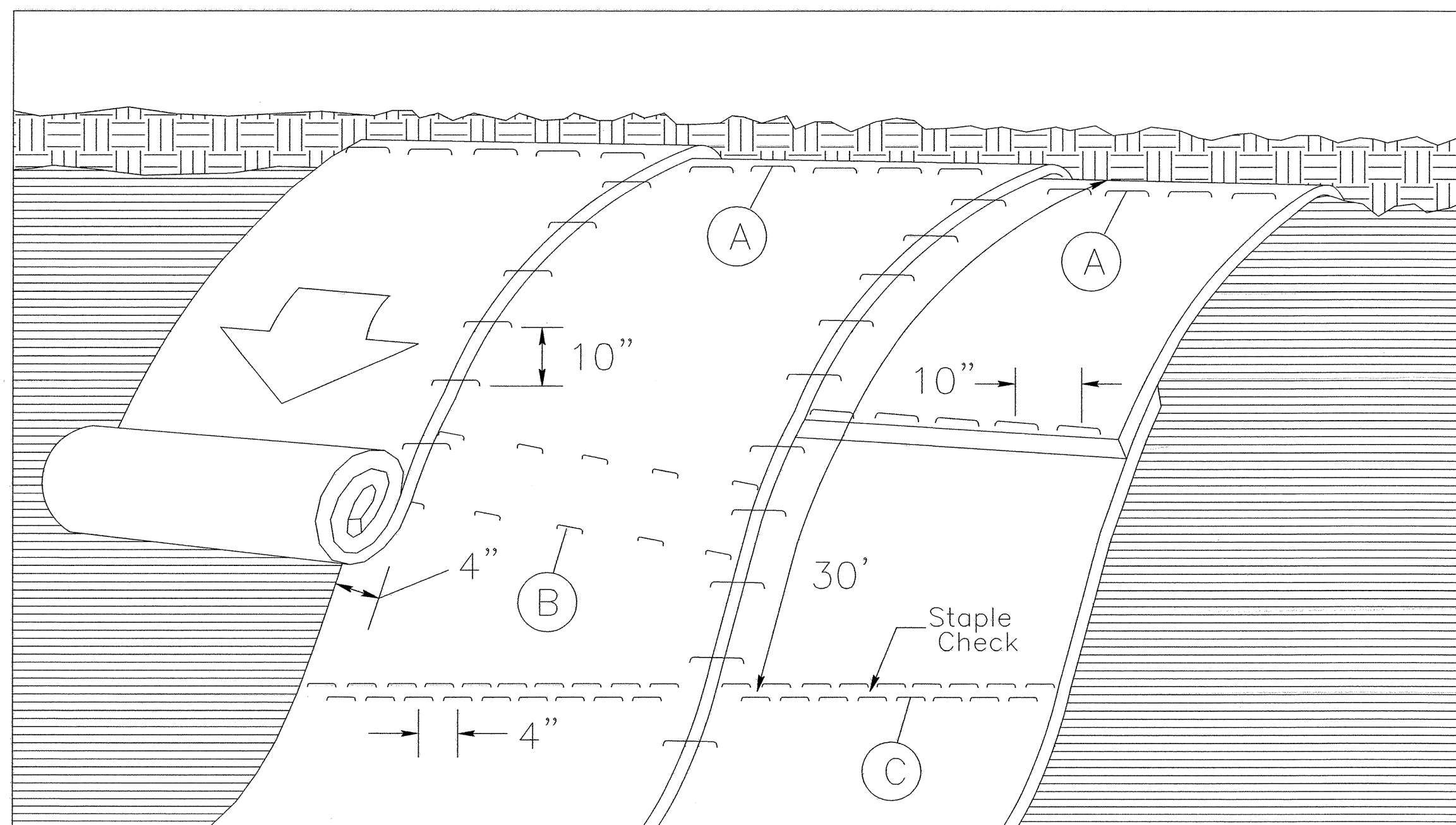


DIAGRAM (A)



MATTING ON SLOPES

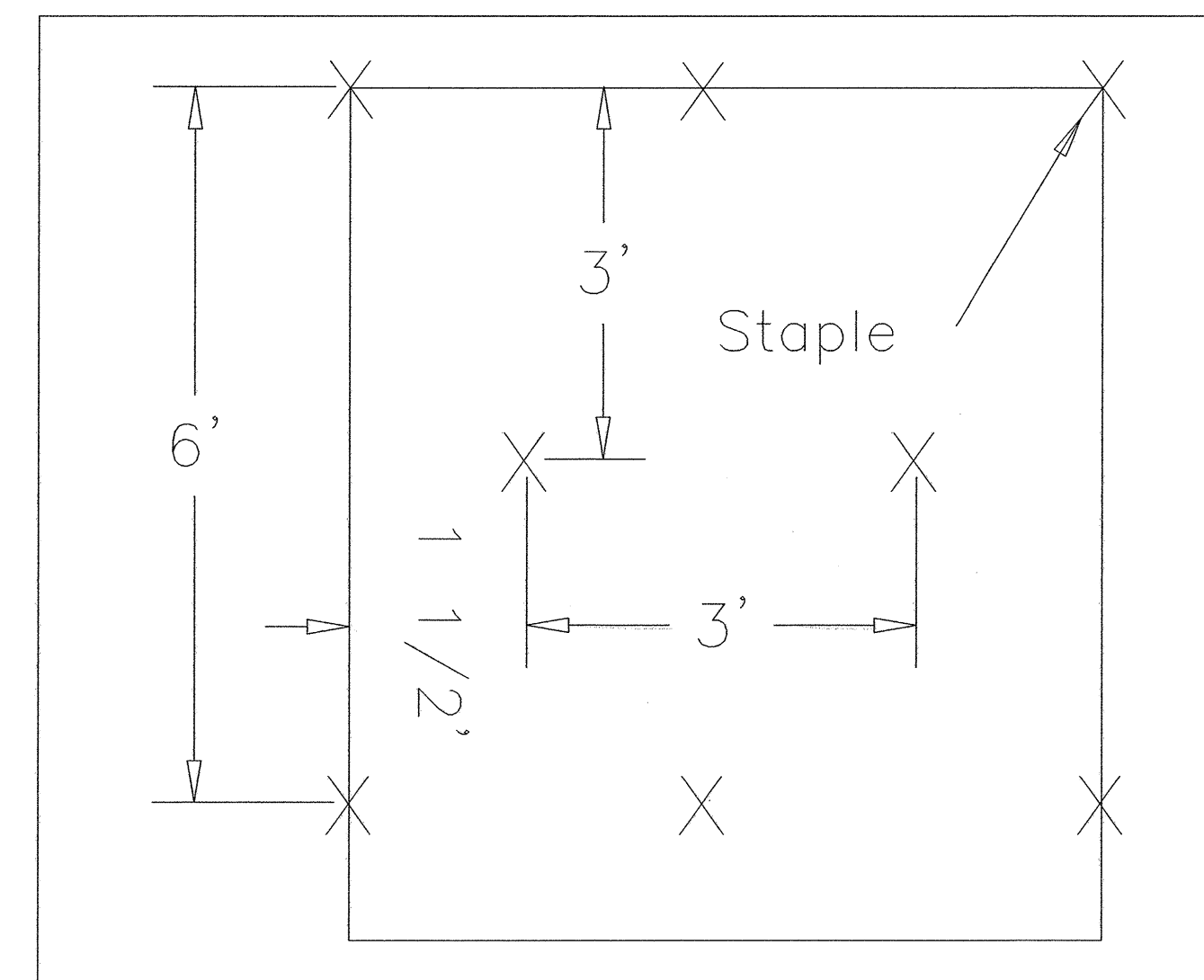


DIAGRAM (B)

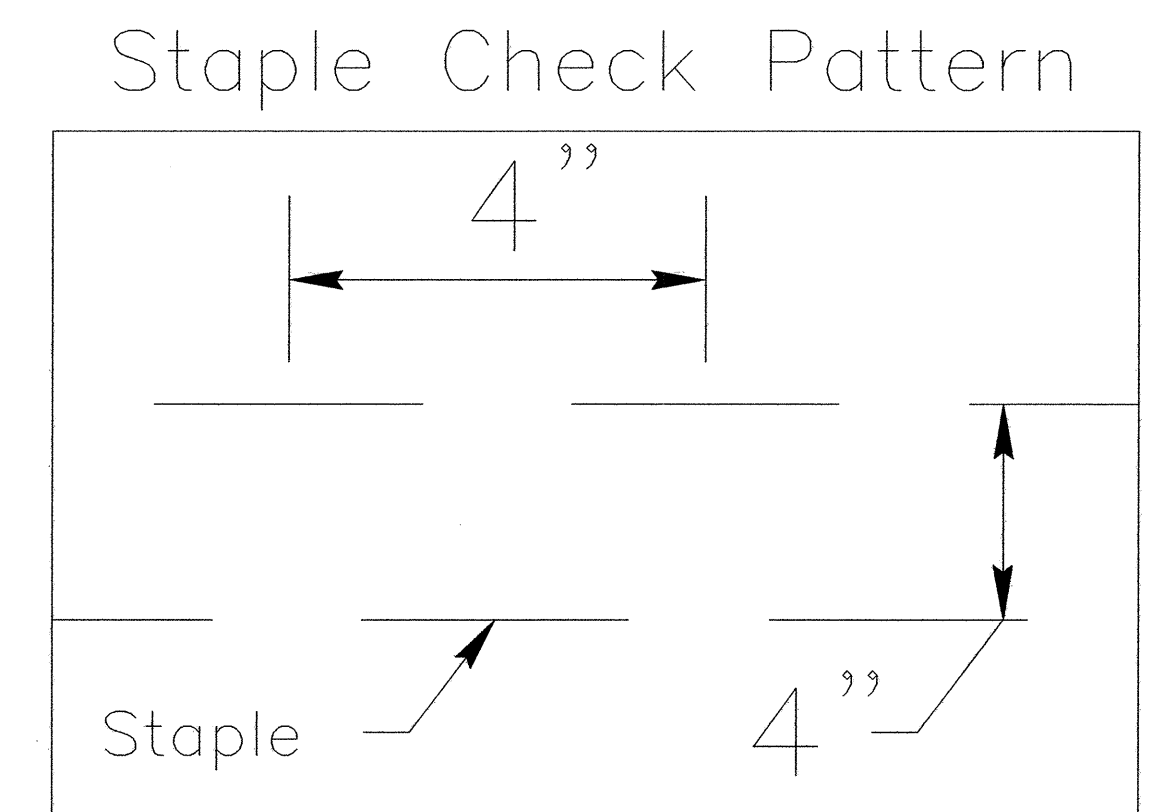


DIAGRAM (C)

NOTES:

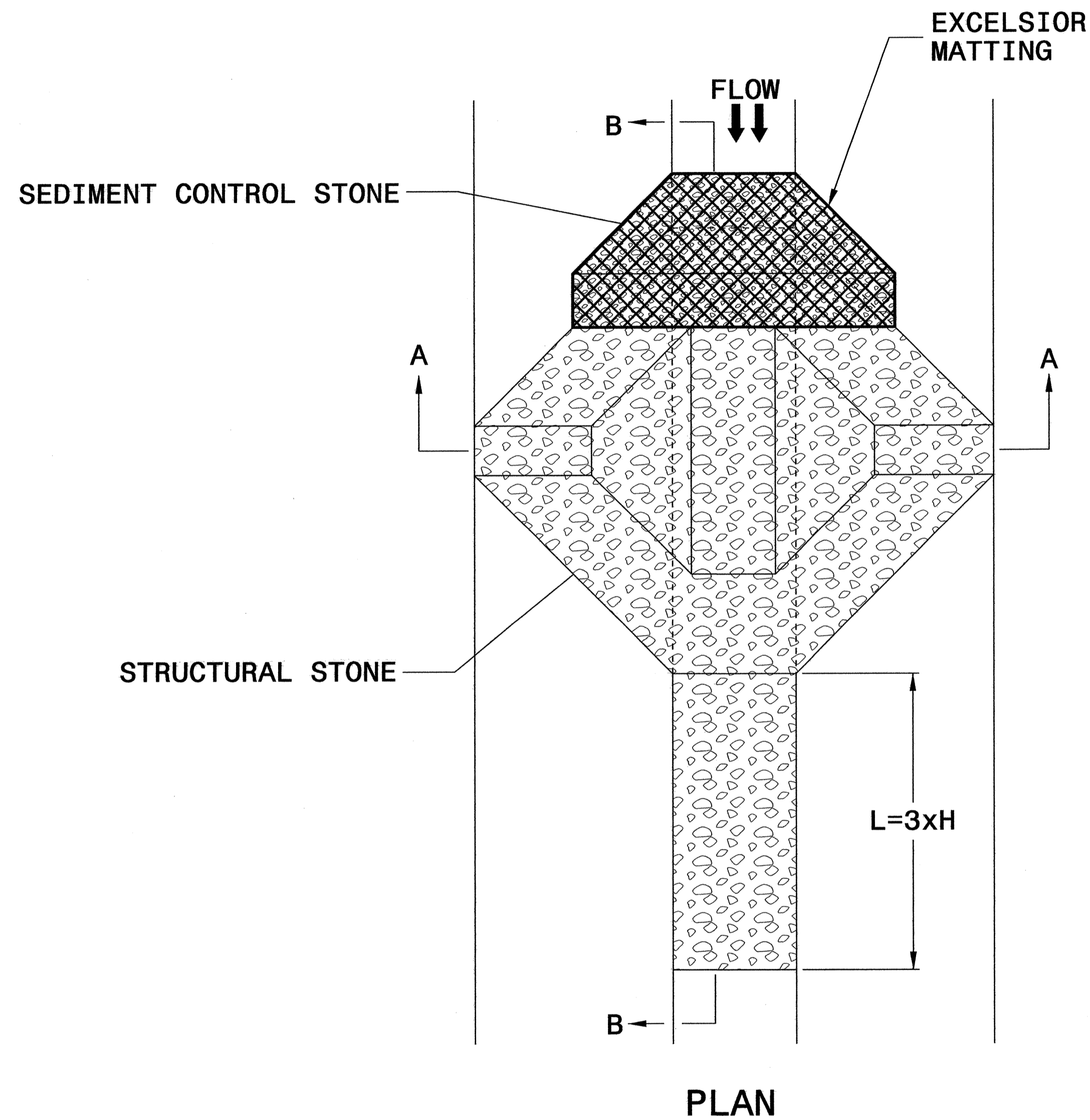
THIS DETAIL APPLIES TO STRAW, EXCELSIOR, AND PERMANENT SOIL REINFORCEMENT MAT (PSRM) INSTALLATION.

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

PROJECT REFERENCE NO. U-3812	SHEET NO. EC-2D
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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

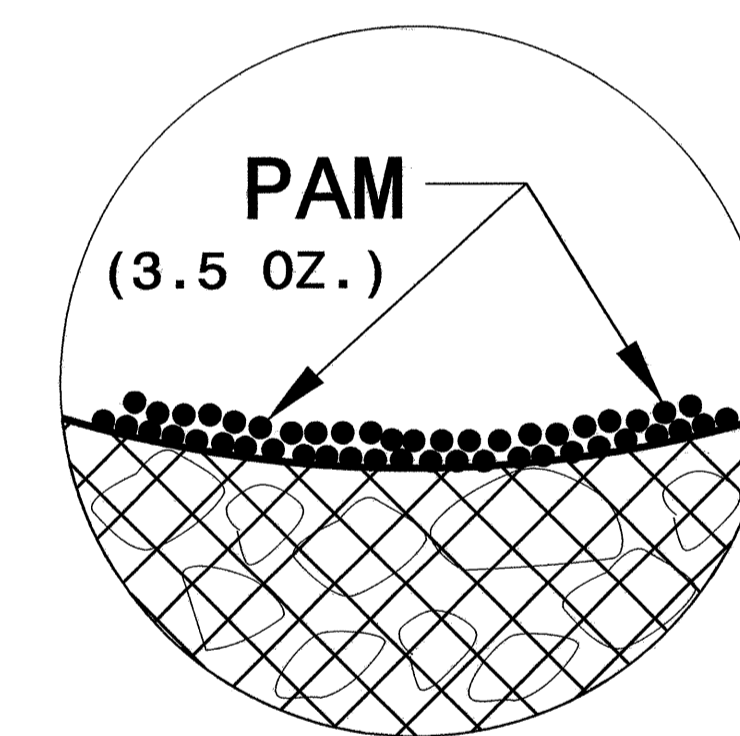


NOTES

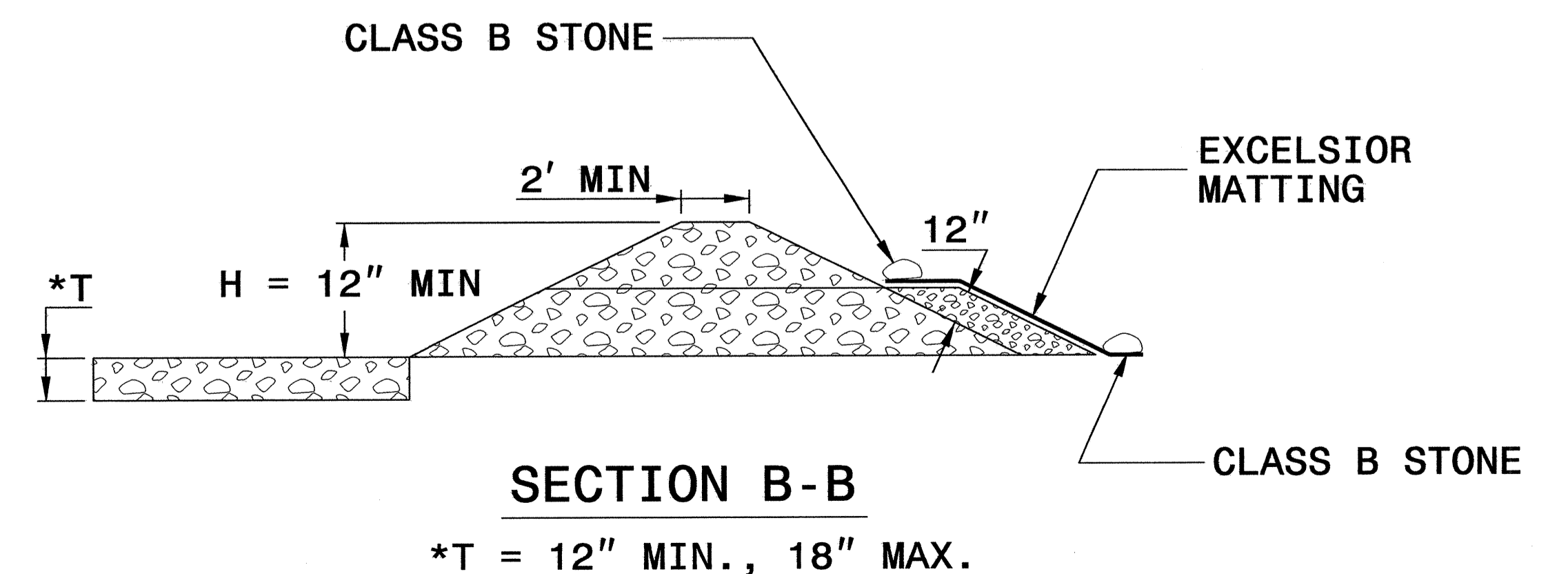
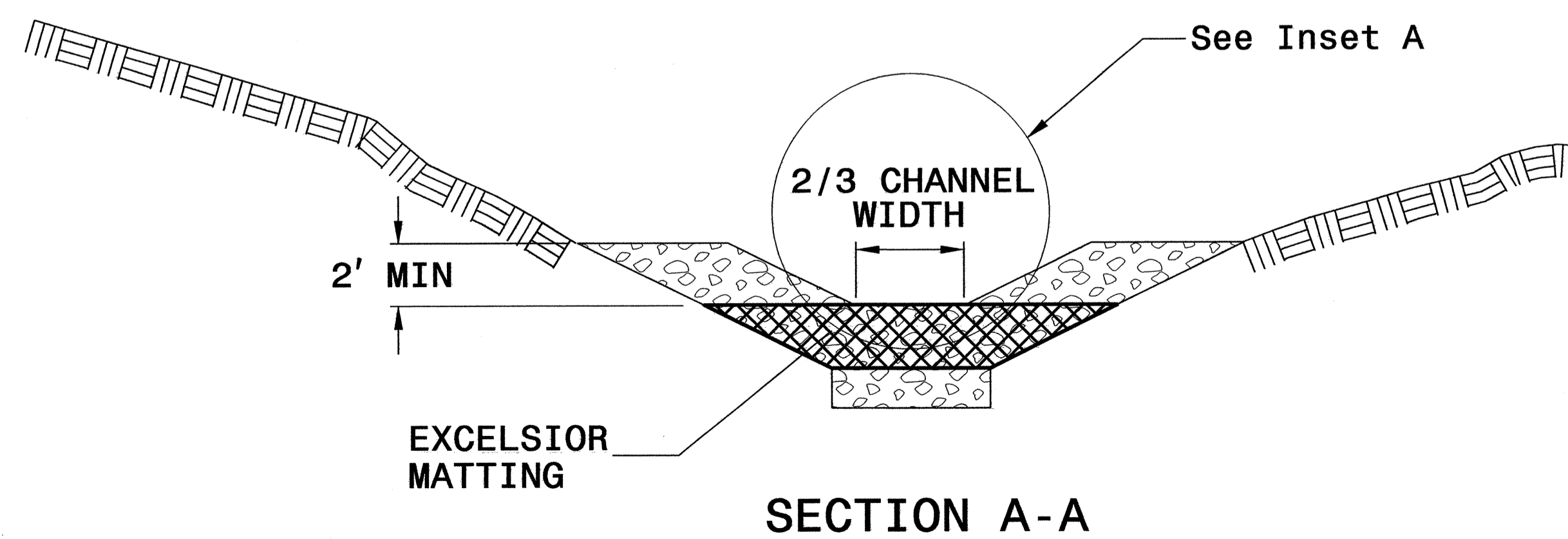
USE EXCELSIOR FOR MATTING MATERIAL AND ANCHOR MATTING SECTION AT TOP AND BOTTOM WITH CLASS B STONE.

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.



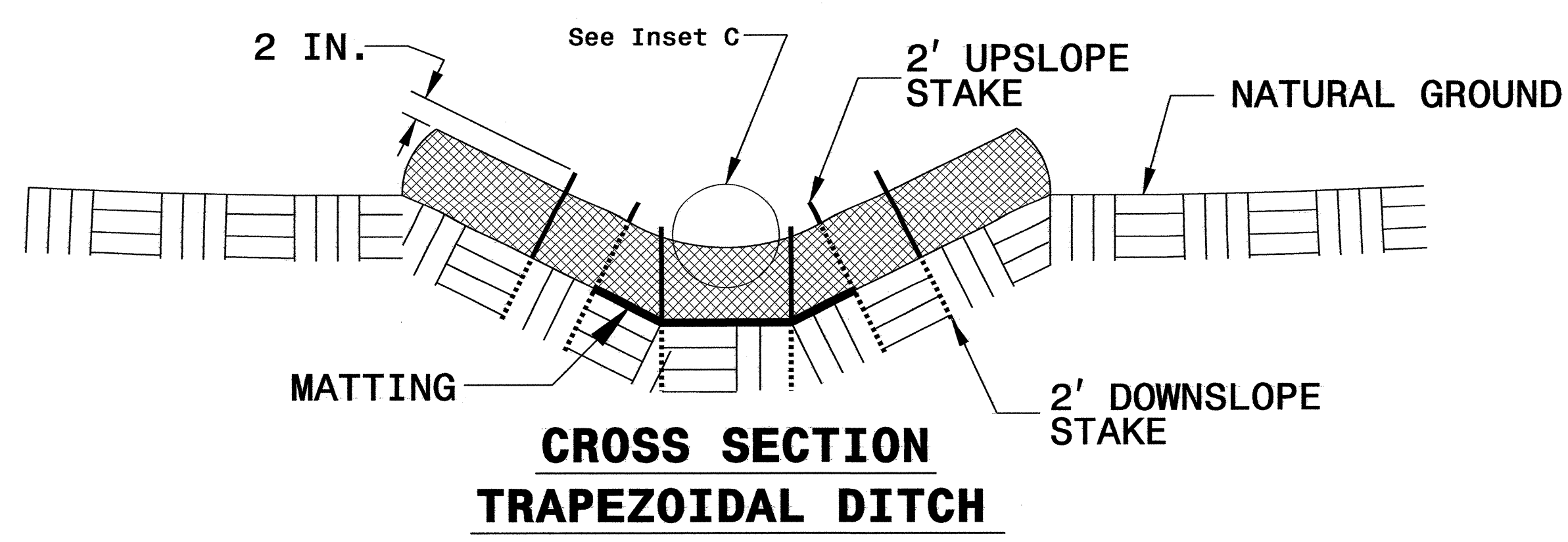
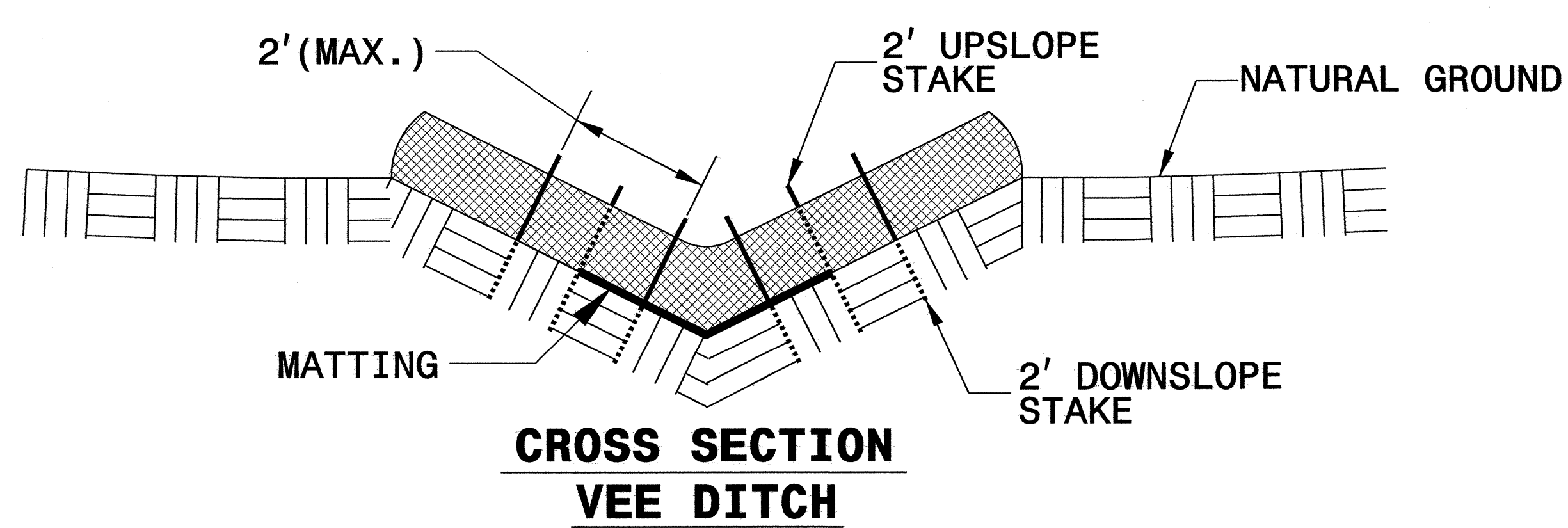
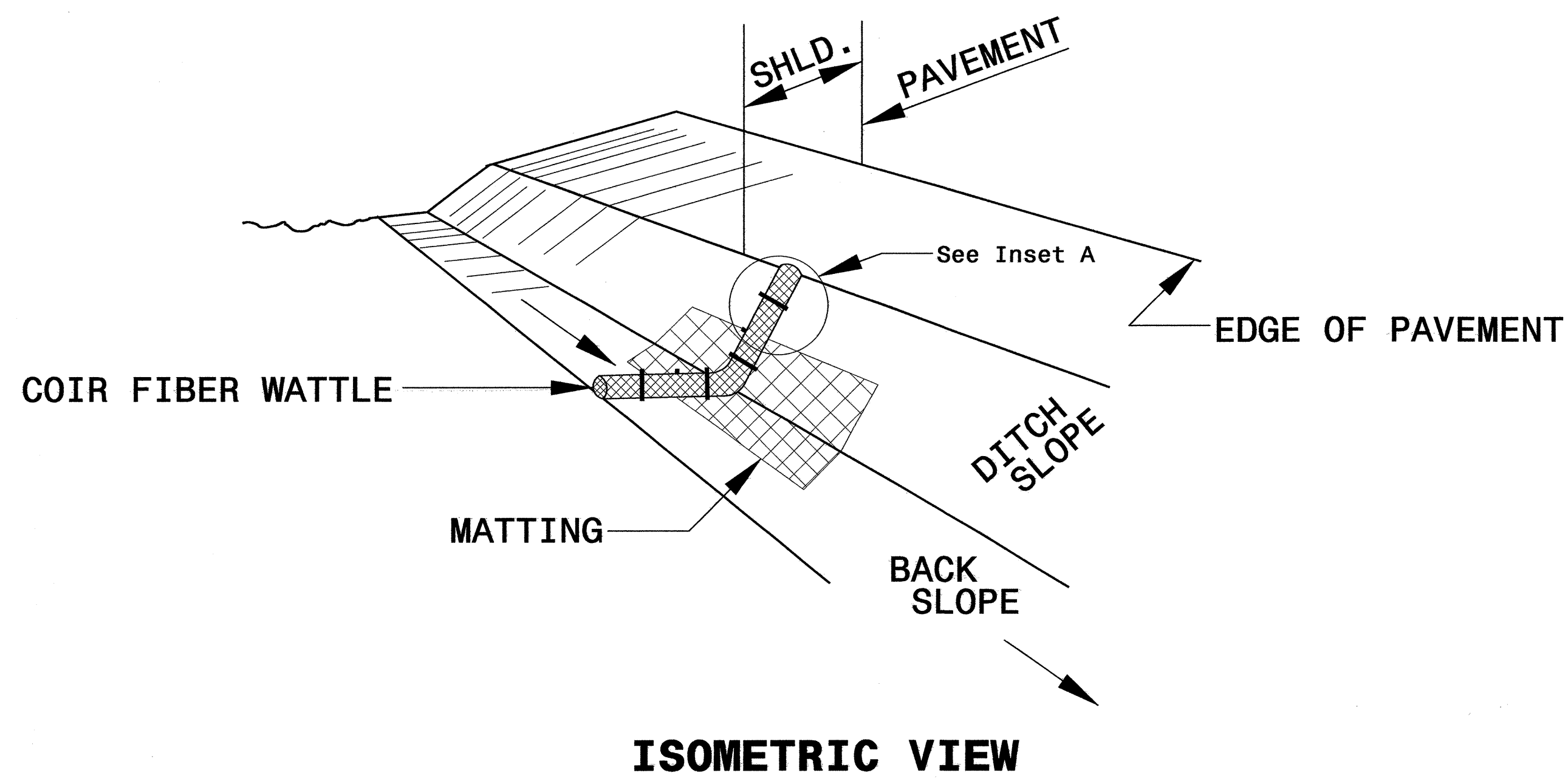
INSET A



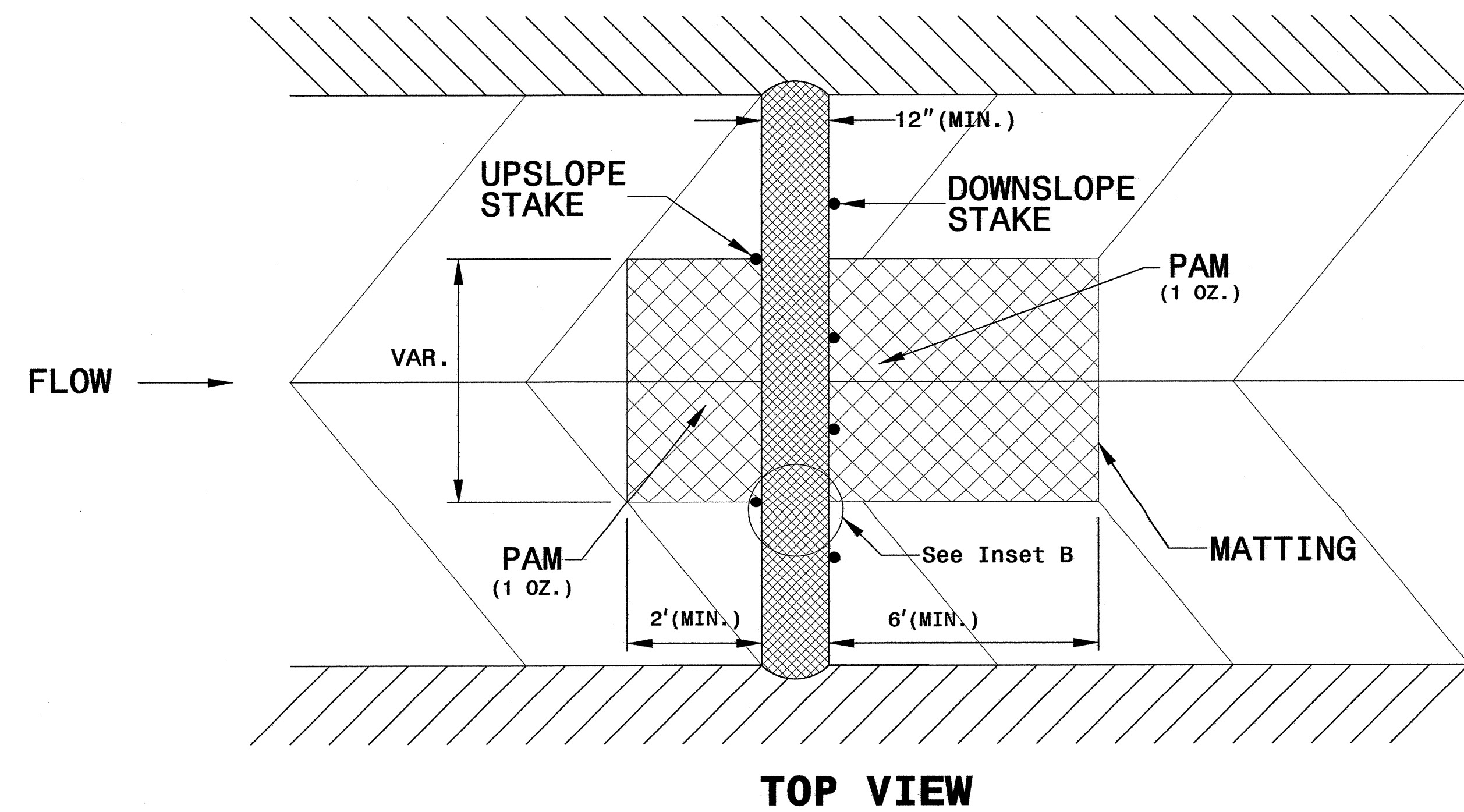
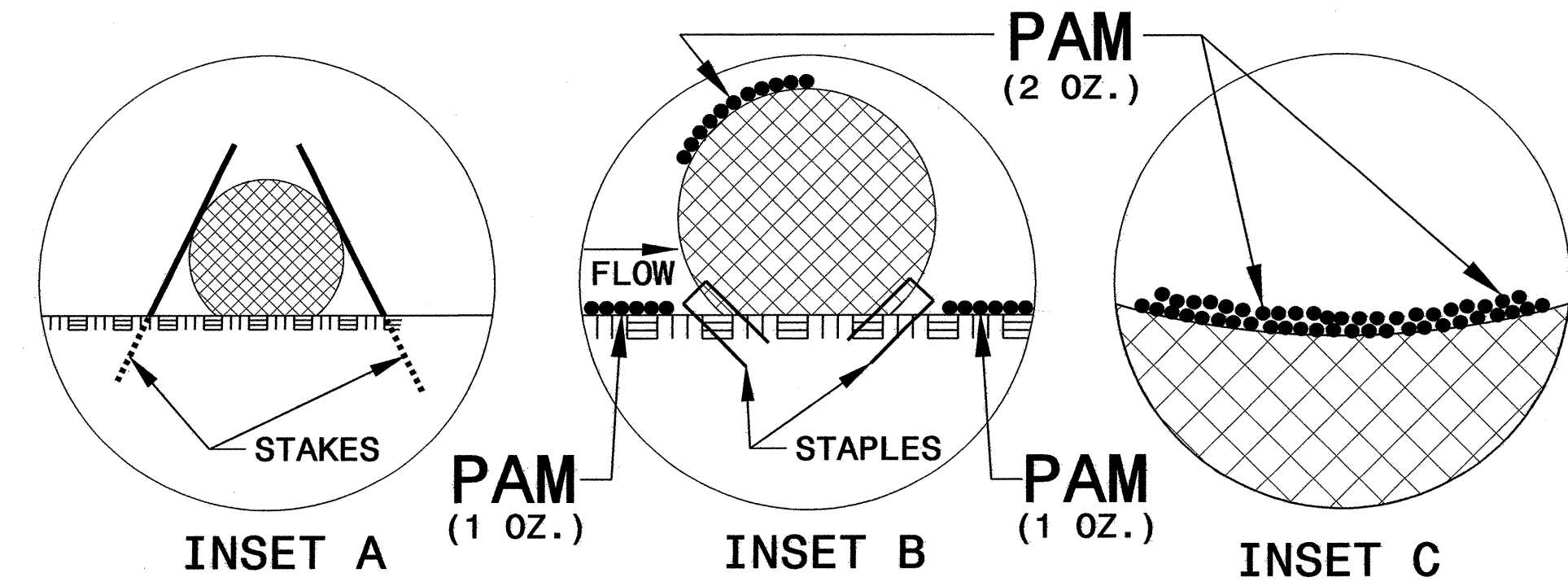
NOT TO SCALE

PROJECT REFERENCE NO. U-3812	SHEET NO. EC-2E
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.



DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO. <i>U-3812</i>	SHEET NO. <i>EC-3</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SOIL STABILIZATION SUMMARY SHEET

MATTING FOR EROSION CONTROL

PERMANENT SOIL REINFORCEMENT MAT

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
4	-L-	14+50	14+87	RT	15
4	-Y-	16+00	19+00	LT	415
7	-L-	50+00	52+00	RT	95
7	-L-	50+00	50+50	LT	50
7	-L-	54+50	57+18	RT	250
7	-L-	54+50	55+50	LT	45
SUBTOTAL					870
MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER					12100
TOTAL					12970
SAY					13000

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
4	-Y-	11+00	11+42	LT	30
4	-Y-	13+00	13+50	RT	25
7	-L-	59+00	61+75	LT	255
7	-L-	59+50	61+75	RT	105
8	-L-	61+75	62+00	LT	25
8	-L-	61+75	62+12	RT	20
8	-Y2-	10+50	10+75	LT	15
8	-Y6-	10+50	11+25	LT	30
9	-L-	77+00	81+00	RT	100
SUBTOTAL					605
ADDITIONAL PSRM TO BE INSTALLED					0
TOTAL					605
SAY					650

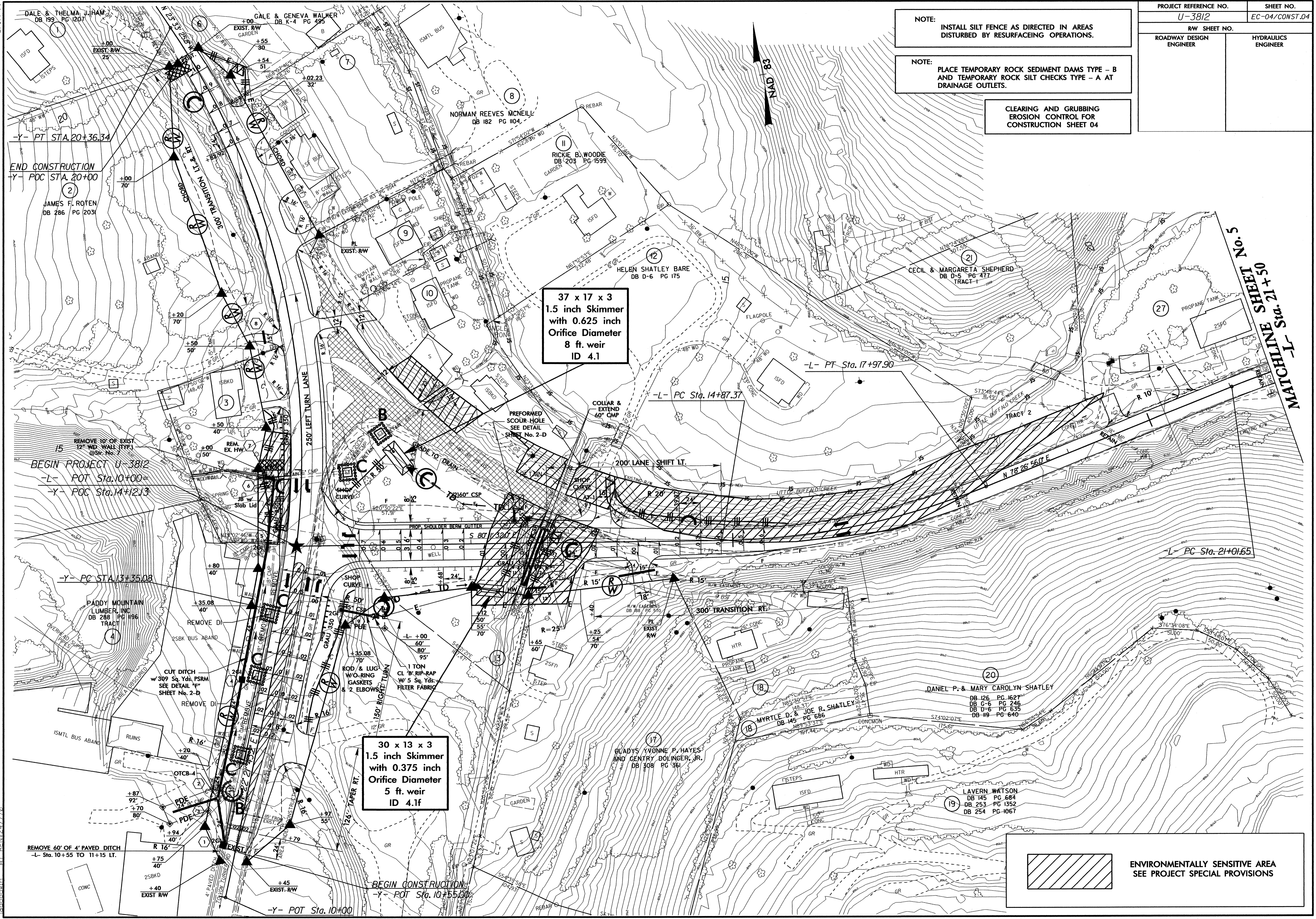
8/17/99

PROJECT REFERENCE NO. U-3812	SHEET NO. EC-04/CONST.04
R/W SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

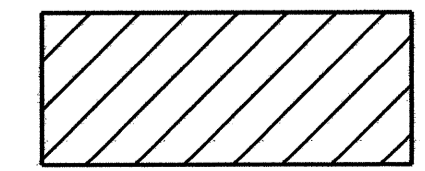
NOTE:
INSTALL SILT FENCE AS DIRECTED IN AREAS DISTURBED BY RESURFACING OPERATIONS.

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 04



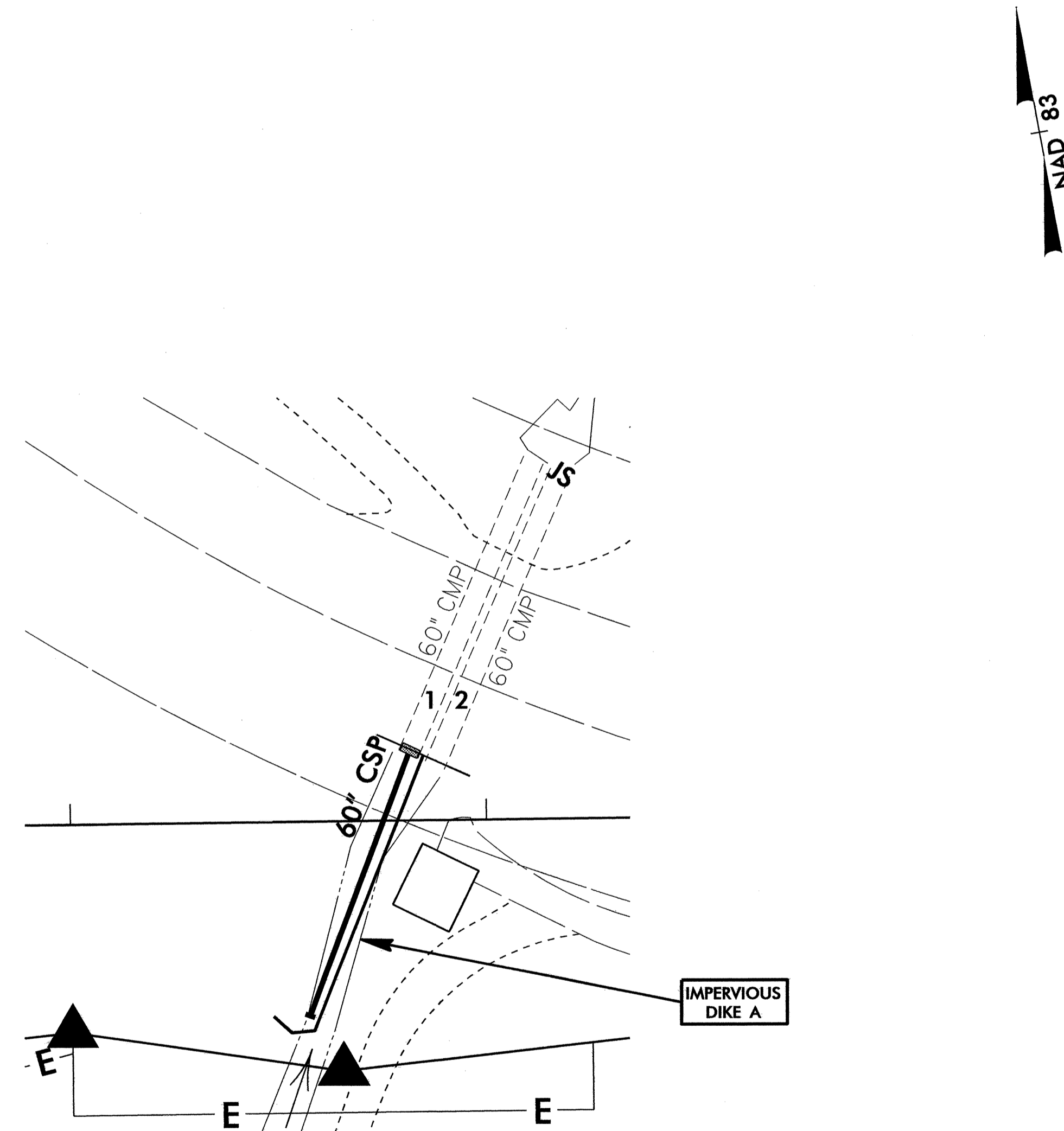
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 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

PIPE CONSTRUCTION SEQUENCE STA. 12+79 -L-

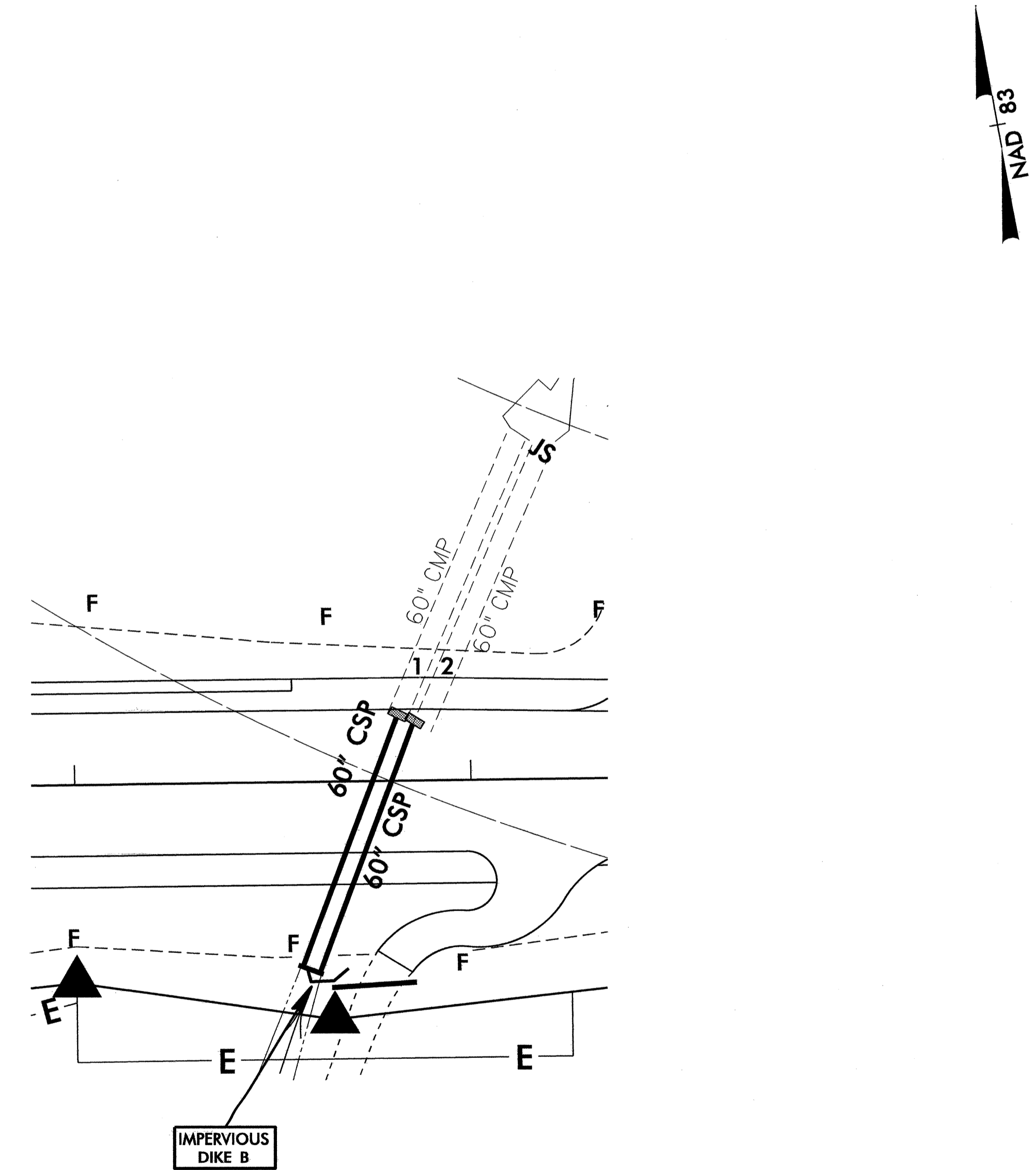
PHASE I

1. UTILIZE SPECIAL STILLING BASIN(S) AS NEEDED THROUGHOUT PIPE CONSTRUCTION.
2. REMOVE EXISTING HEADWALL.
3. CONSTRUCT IMPERVIOUS DIKE A, DIVERTING FLOW THROUGH PIPE 2.
4. COLLAR AND EXTEND PIPE 1.
5. REMOVE IMPERVIOUS DIKE A.



PHASE II

6. CONSTRUCT IMPERVIOUS DIKE B, DIVERTING FLOW THROUGH PIPE 1.
7. COLLAR AND EXTEND PIPE 2.
8. REMOVE IMPERVIOUS DIKE B.
9. CONSTRUCT NEW HEADWALL.
10. REMOVE ANY REMAINING SPECIAL STILLING BASIN(S).
11. COMPLETE ROADWAY.

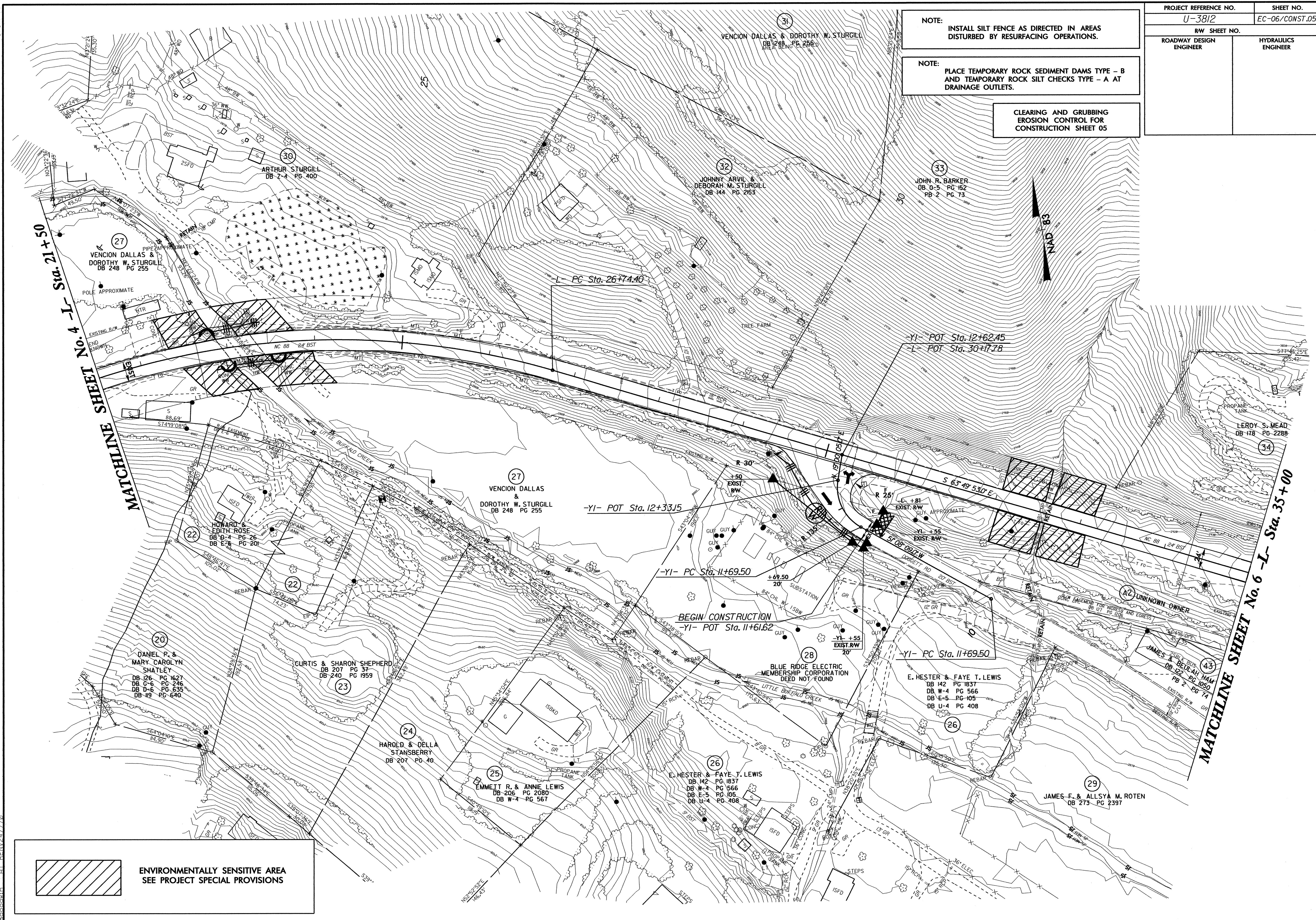


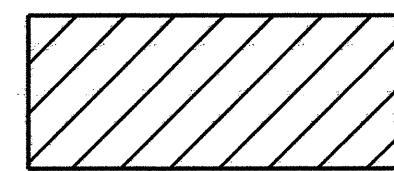
PROJECT REFERENCE NO.	SHEET NO.
U-3812	EC-06/CONST.05
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

NOTE: INSTALL SILT FENCE AS DIRECTED IN AREAS DISTURBED BY RESURFACING OPERATIONS.

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 05



 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

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psh05

1/2

MATCHLINE SHEET No. 6 -I- Sta. 35+00

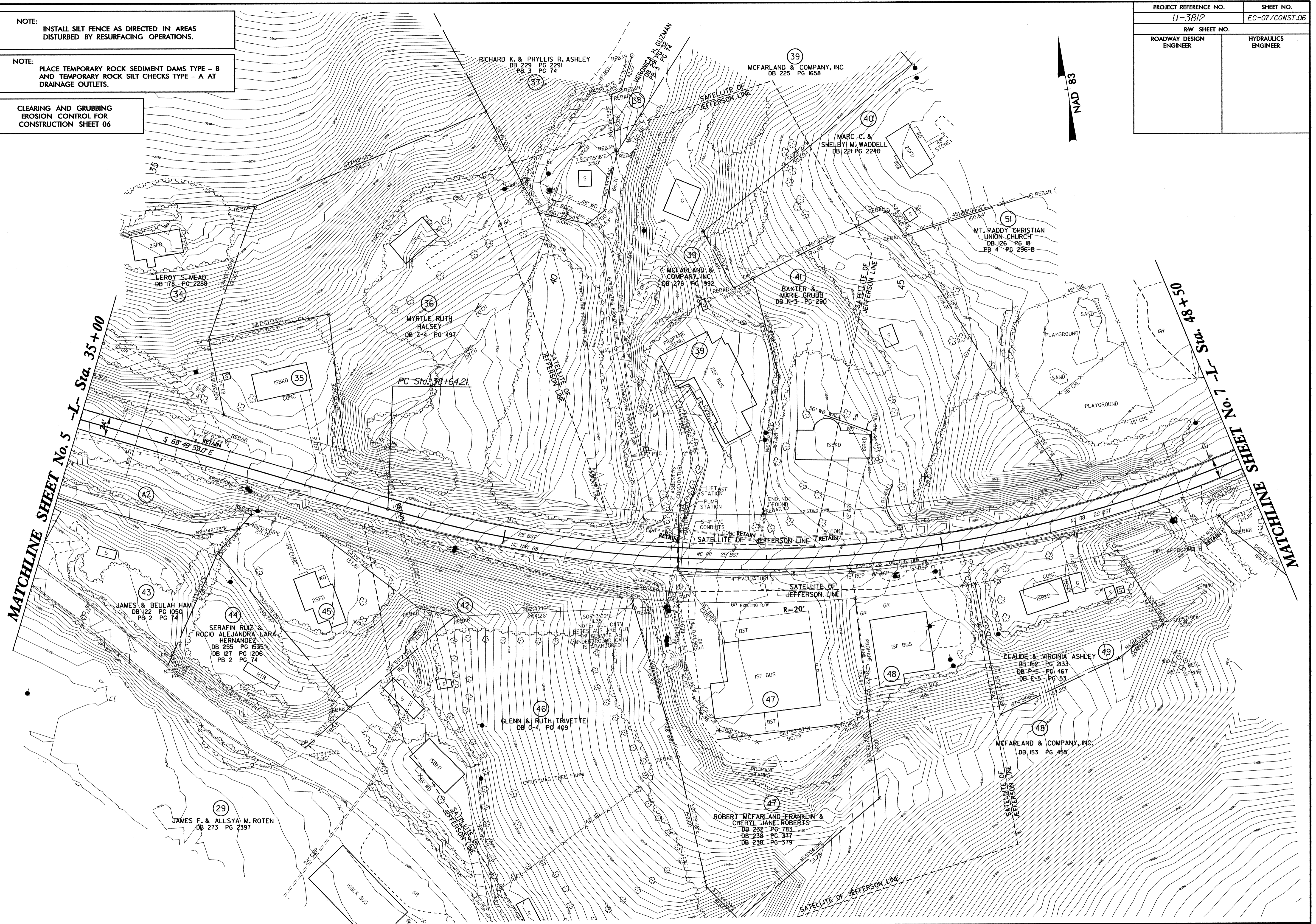
MATCHLINE SHEET No. 4 -I- Sta. 21+50

NOTE:
INSTALL SILT FENCE AS DIRECTED IN AREAS
DISTURBED BY RESURFACING OPERATIONS.

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

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 06

PROJECT REFERENCE NO.	SHEET NO.
U-3812	EC-07/CONST.06
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCHLINE SHEET No. 5 -L- Sta. 35+00

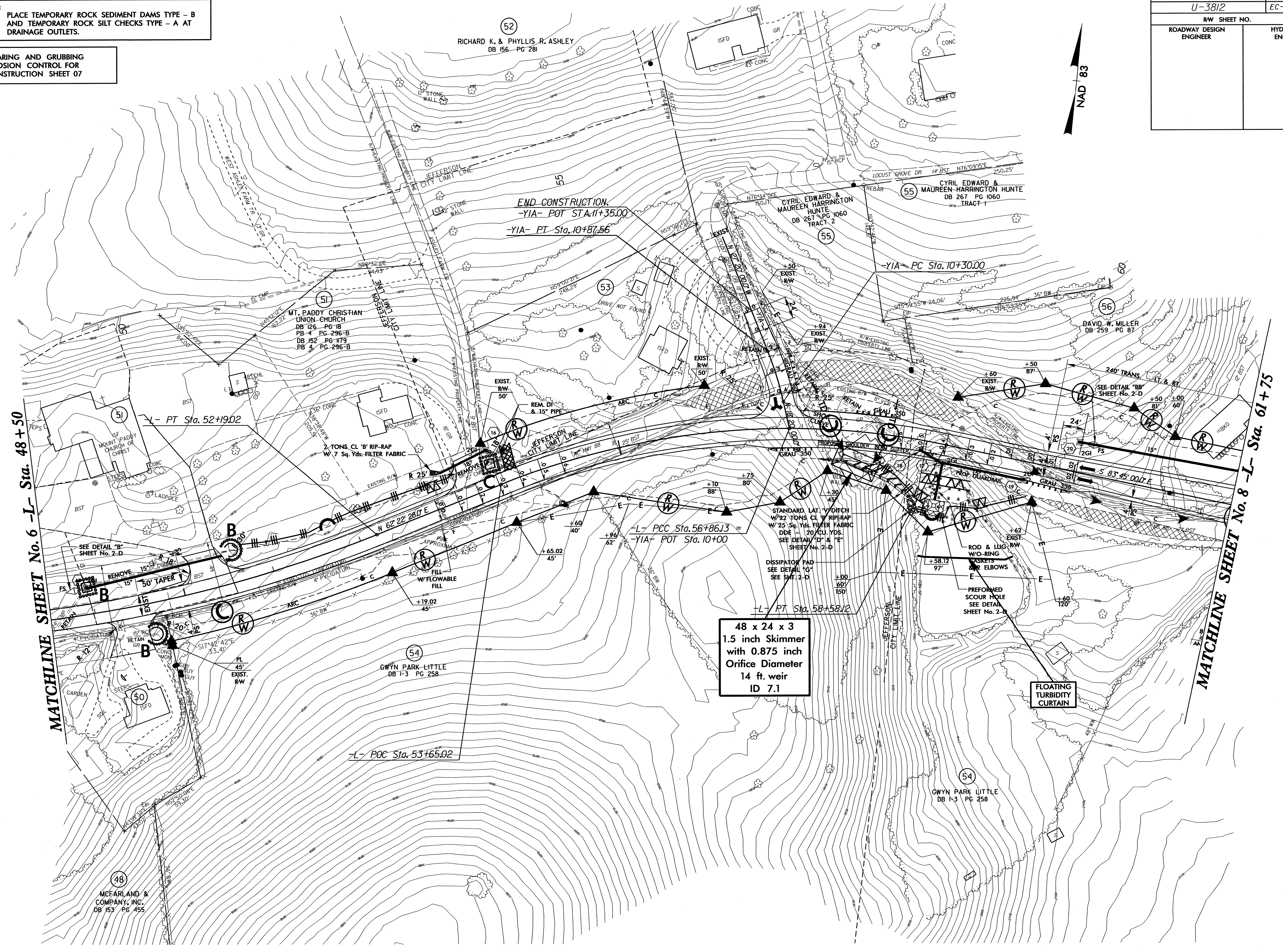
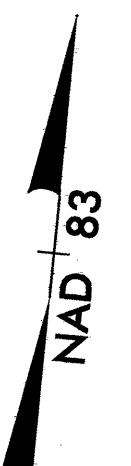
MATCHLINE SHEET No. 7 -I- Sta. 48+50

8/17/99

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

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 07

PROJECT REFERENCE NO. U-3812	SHEET NO. EC-08/CONST.07
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCHLINE SHEET No. 6 -L- Sta. 48+50

MATCHLINE SHEET No. 8 -L- Sta. 61+75

48 x 24 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
14 ft. weir
ID 7.1

FLOATING
TURBIDITY
CURTAIN

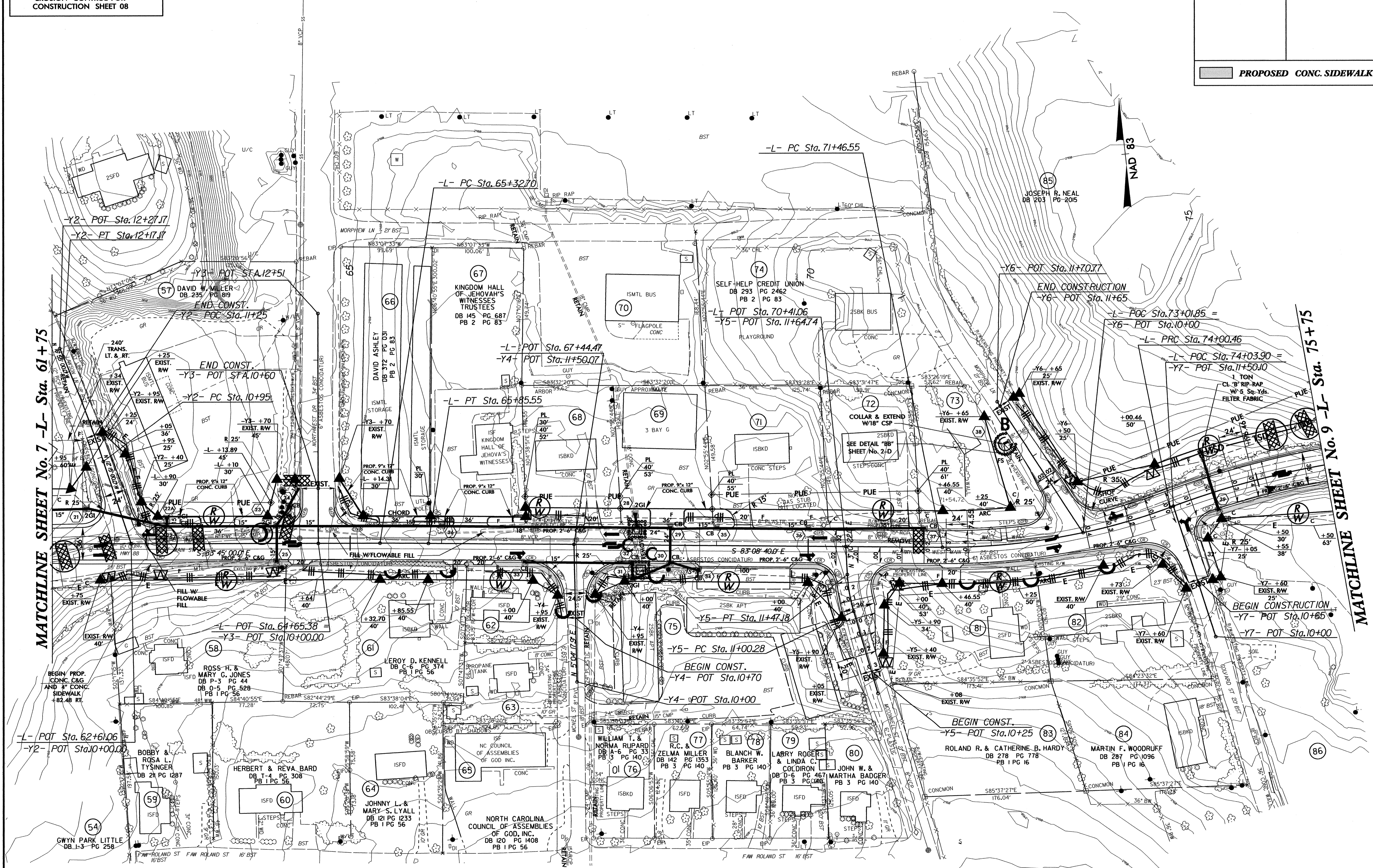
MCFARLAND &
COMPANY, INC.
DB 153 PG 455

15 SEP 2011 4:00
C:\Users\psh07\Documents\Projects\U-3812-EC-psh07.dgn
psh07

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

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 08

PROJECT REFERENCE NO. U-3812	SHEET NO. EC-09/CONST.08
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PROPOSED CONC. SIDEWALK	



MATCHLINE SHEET No. 7 -L- Sta. 61+75

MATCHLINE SHEET No. 9 -L- Sta. 75+75

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

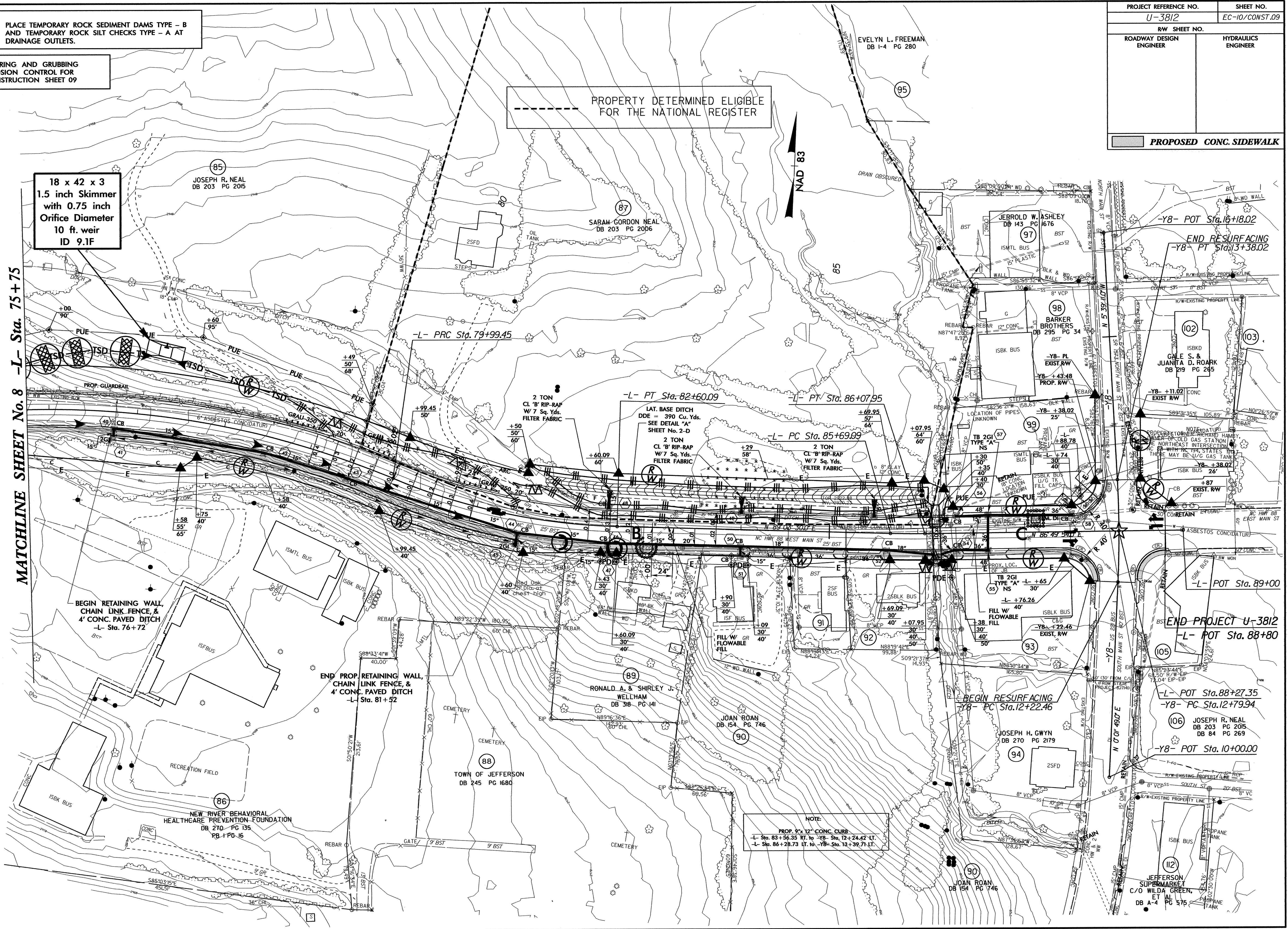
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 09

18 x 42 x 3
1.5 inch Skimmer
with 0.75 inch
Orifice Diameter
10 ft. weir
ID 9.1F

PROPERTY DETERMINED ELIGIBLE
FOR THE NATIONAL REGISTER

PROJECT REFERENCE NO. U-3812	SHEET NO. EC-10/CONST.09
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PROPOSED CONC. SIDEWALK	

MATCHLINE SHEET No. 8 -L- Sta. 75+75



BEGIN RETAINING WALL,
CHAIN LINK FENCE, &
4' CONC. PAVED DITCH
-L- Sta. 76+72

END PROP. RETAINING WALL,
CHAIN LINK FENCE, &
4' CONC. PAVED DITCH
-L- Sta. 81+52

NOTE:
PROP. 9\"/>

PROJECT REFERENCE NO. U-3812	SHEET NO. EC-II/CONST.09
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

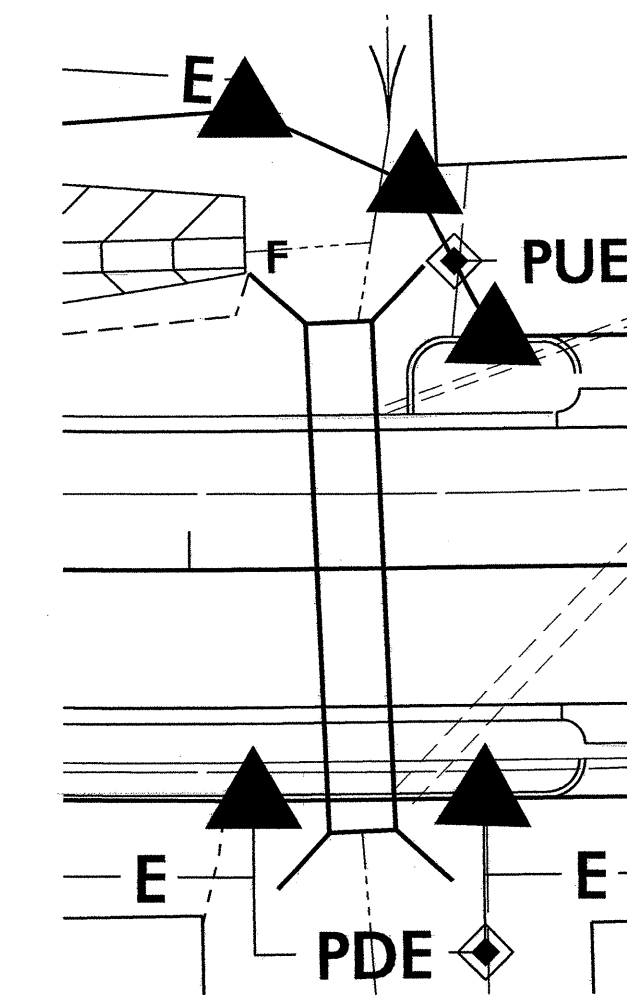
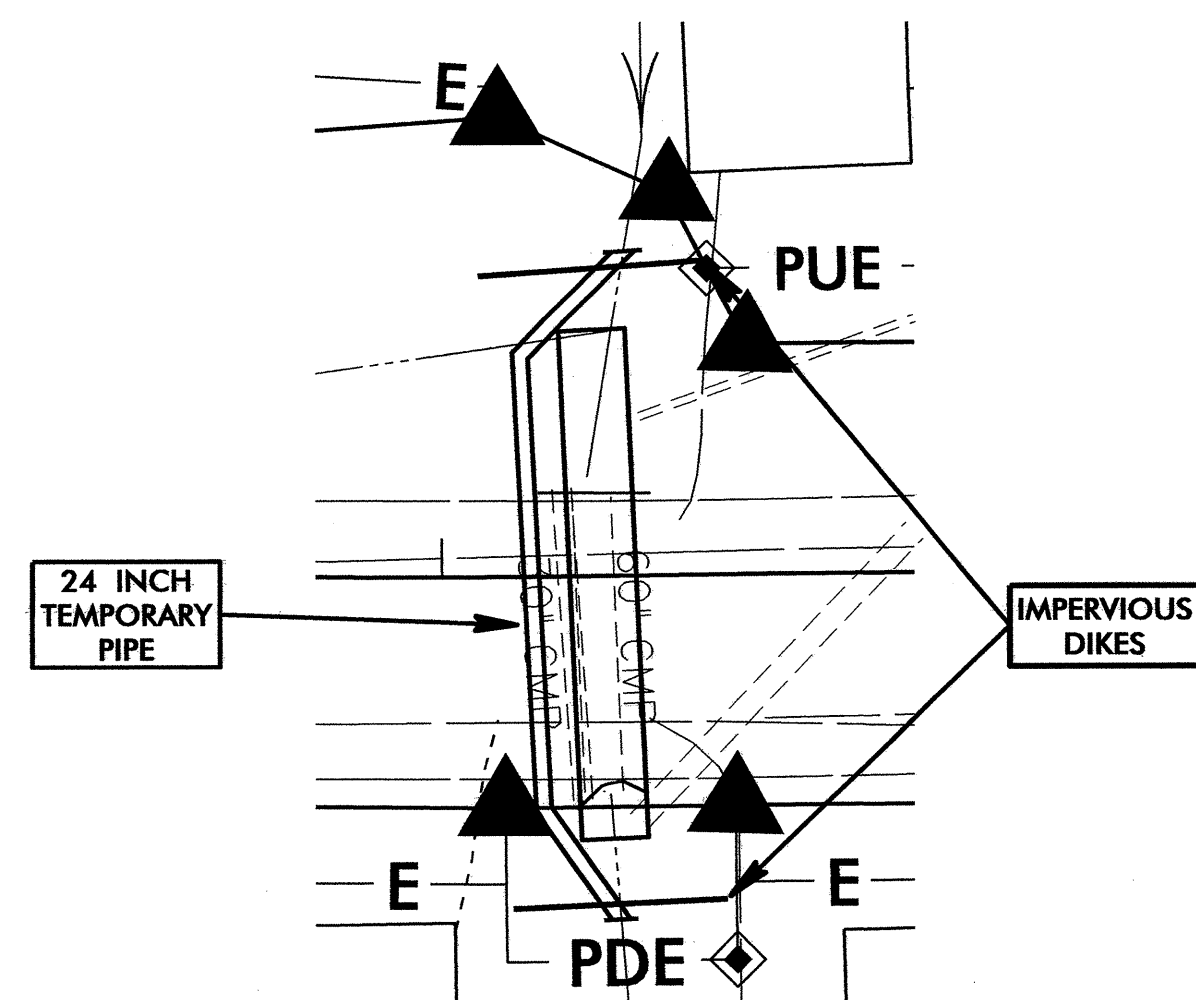
CULVERT CONSTRUCTION SEQUENCE STA. 86 + 21 -L-

PHASE I

1. UTILIZE SPECIAL STILLING BASIN(S) AS NEEDED THROUGHOUT CULVERT CONSTRUCTION.
2. CONSTRUCT IMPERVIOUS DIKES AND INSTALL 24 INCH TEMPORARY FLEXIBLE PIPE, DIVERTING FLOW. PLACE PIPE OUTSIDE OF FOOTPRINT OF PROPOSED CULVERT.
3. REMOVE EXISTING 60 INCH CMP AND 30 INCH CMP.
4. CONSTRUCT PROPOSED CULVERT, WITHOUT PROPOSED HEADWALLS AND WINGWALLS.

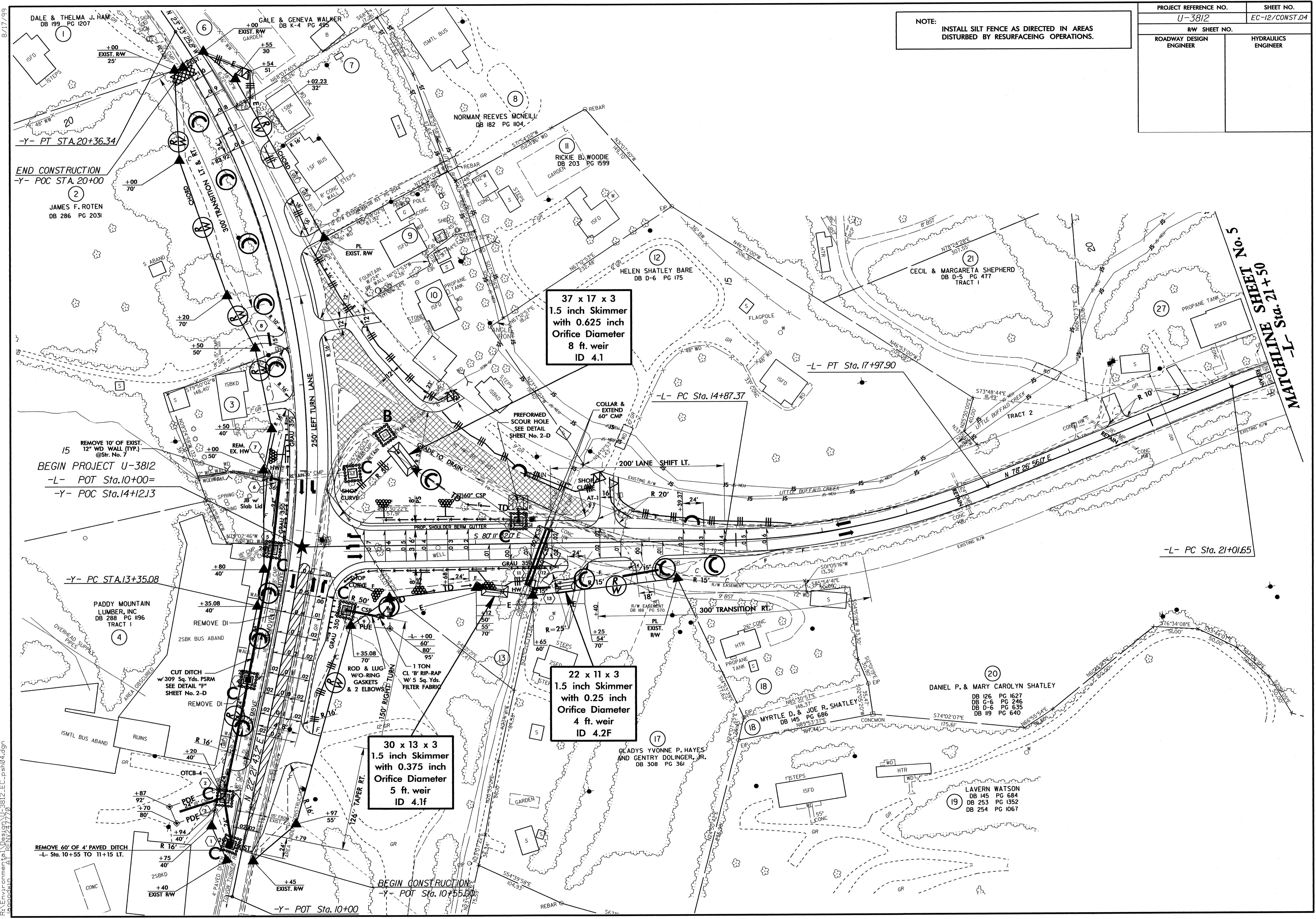
PHASE II

5. REMOVE IMPERVIOUS DIKES AND 24 INCH TEMPORARY PIPE, ALLOWING FLOW THROUGH CULVERT.
6. CONSTRUCT PROPOSED ROADWAY AND OPEN TO TRAFFIC.
7. CONSTRUCT PROPOSED HEADWALLS AND WINGWALLS.
8. REMOVE ANY REMAINING SPECIAL STILLING BASIN(S).
9. COMPLETE ROADWAY.



PROJECT REFERENCE NO.	SHEET NO.
U-3812	EC-12/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE:
INSTALL SILT FENCE AS DIRECTED IN AREAS
DISTURBED BY RESURFACING OPERATIONS.



37 x 17 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
8 ft. weir
ID 4.1

22 x 11 x 3
1.5 inch Skimmer
with 0.25 inch
Orifice Diameter
4 ft. weir
ID 4.2F

30 x 13 x 3
1.5 inch Skimmer
with 0.375 inch
Orifice Diameter
5 ft. weir
ID 4.1f

DALE & THELMA J. HAM
DB 199 PG 1207

GALE & GENEVA WALKER
DB K-4 PG 495

NORMAN REEVES MCNEILL
DB 182 PG 104

RICKIE B. WOODIE
DB 203 PG 1599

HELEN SHATLEY BARE
DB D-6 PG 175

CECIL & MARGARETA SHEPHERD
DB D-5 PG 477
TRACT 1

JAMES F. ROTEN
DB 286 PG 2031

REMOVE 10' OF EXIST.
12" WD WALL (TYP.)
@ Str. No. 7
BEGIN PROJECT U-3812
-L- POT Sta. 10+00=
-Y- POC Sta. 14+12.13

PADDY MOUNTAIN
LUMBER, INC
DB 288 PG 196
TRACT 1

DANIEL P. & MARY CAROLYN SHATLEY
DB 126 PG 1627
DB G-6 PG 246
DB D-6 PG 635
DB 119 PG 640

GLADYS YVONNE P. HAYES
AND GENTRY DOLINGER, JR.
DB 308 PG 361

MYRTLE D. & JOE R. SHATLEY
DB 145 PG 686

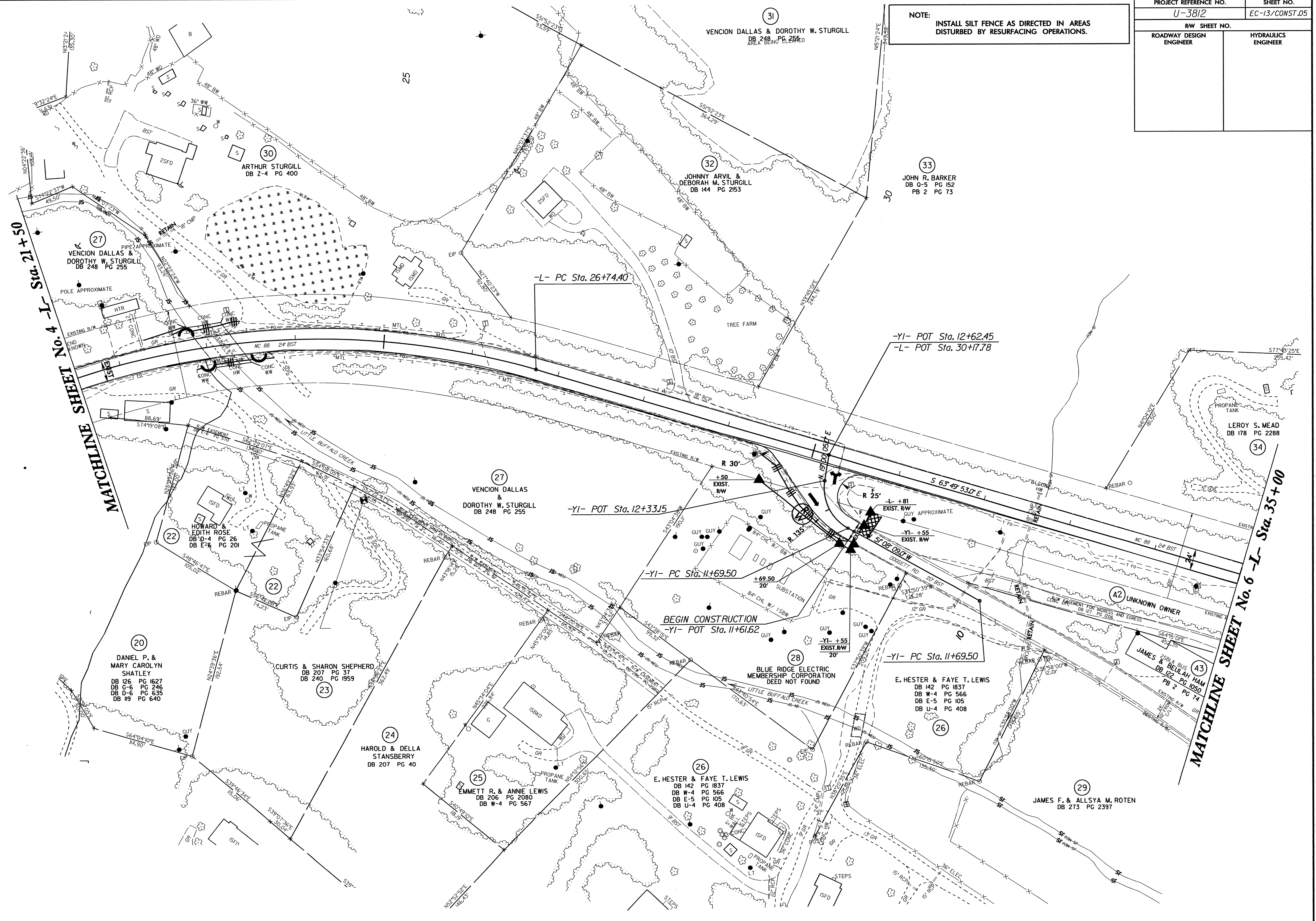
LAVERN WATSON
DB 145 PG 684
DB 253 PG 1352
DB 254 PG 1067

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MATCHLINE SHEET No. 5
Sta. 21+50
-L-

PROJECT REFERENCE NO.		SHEET NO.
U-3812		EC-13/CONST.05
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	

NOTE: INSTALL SILT FENCE AS DIRECTED IN AREAS DISTURBED BY RESURFACING OPERATIONS.



MATCHLINE SHEET No. 4 -L- Sta. 21+50

MATCHLINE SHEET No. 6 -L- Sta. 35+00

30 ARTHUR STURGILL
DB Z-4 PG 400

32 JOHNNY ARVIL & DEBORAH M. STURGILL
DB 144 PG 2153

33 JOHN R. BARKER
DB 0-5 PG 152
PB 2 PG 73

27 VENCION DALLAS & DOROTHY W. STURGILL
DB 248 PG 255

27 VENCION DALLAS & DOROTHY W. STURGILL
DB 248 PG 255

34 LEROY S. MEAD
DB 178 PG 2288

20 DANIEL P. & MARY CAROLYN SHATLEY
DB 126 PG 1627
DB S-6 PG 246
DB D-6 PG 635
DB H-9 PG 640

23 CURTIS & SHARON SHEPHERD
DB 207 PG 31
DB 240 PG 1959

24 HAROLD & DELLA STANSBERRY
DB 207 PG 40

25 EMMETT R. & ANNIE LEWIS
DB 206 PG 2080
DB W-4 PG 567

26 E. HESTER & FAYE T. LEWIS
DB 142 PG 1837
DB W-4 PG 566
DB E-5 PG 105
DB U-4 PG 408

26 E. HESTER & FAYE T. LEWIS
DB 142 PG 1837
DB W-4 PG 566
DB E-5 PG 105
DB U-4 PG 408

29 JAMES F. & ALLSYA M. ROTEN
DB 273 PG 2397

A3 JAMES & BEULAH HAM
DB 122 PG 1050
PB 2 PG 74

A2 UNKNOWN OWNER

BEGIN CONSTRUCTION
-YI- POT Sta. 11+61.62

-YI- POT Sta. 12+33.15

-L- PC Sta. 26+74.40

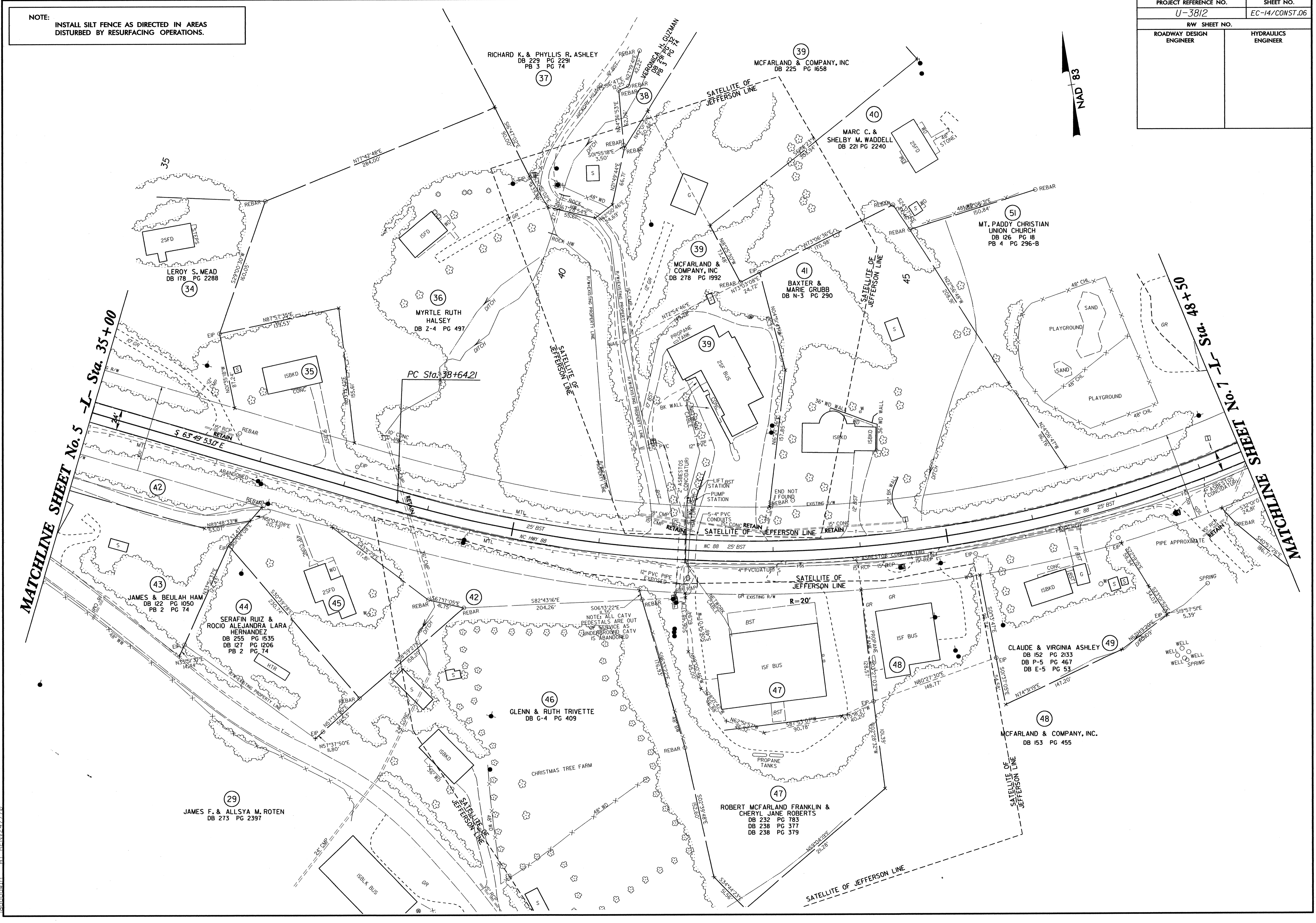
-YI- POT Sta. 12+62.45
-L- POT Sta. 30+17.78

-YI- PC Sta. 11+69.50

-YI- PC Sta. 11+69.50

PROJECT REFERENCE NO.	SHEET NO.
U-3812	EC-14/CONST.06
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE: INSTALL SILT FENCE AS DIRECTED IN AREAS DISTURBED BY RESURFACING OPERATIONS.



MATCHLINE SHEET No. 5 -L- Sta. 35+00

Sta. 45+84 -L- Sta. 47+00

RICHARD K. & PHYLLIS R. ASHLEY
DB 229 PG 2291
PB 3 PG 74

MCFARLAND & COMPANY, INC.
DB 225 PG 1658

MARC C. & SHELBY M. WADDELL
DB 221 PG 2240

LERoy S. MEAD
DB 178 PG 2288

MYRTLE RUTH HALSEY
DB Z-4 PG 497

MCFARLAND & COMPANY, INC.
DB 278 PG 1992

BAXTER & MARIE GRUBB
DB N-3 PG 290

MT. PADDY CHRISTIAN UNION CHURCH
DB 126 PG 18
PB 4 PG 296-B

JAMES & BELLAH HAM
DB 122 PG 1050
PB 2 PG 74

SERAFIN RUIZ & ROCIO ALEJANDRA LARA HERNANDEZ
DB 255 PG 1535
DB 127 PG 1206
PB 2

GLENN & RUTH TRIVETTE
DB G-4 PG 409

CLAUDE & VIRGINIA ASHLEY
DB 152 PG 2133
DB P-5 PG 467
DB E-5 PG 53

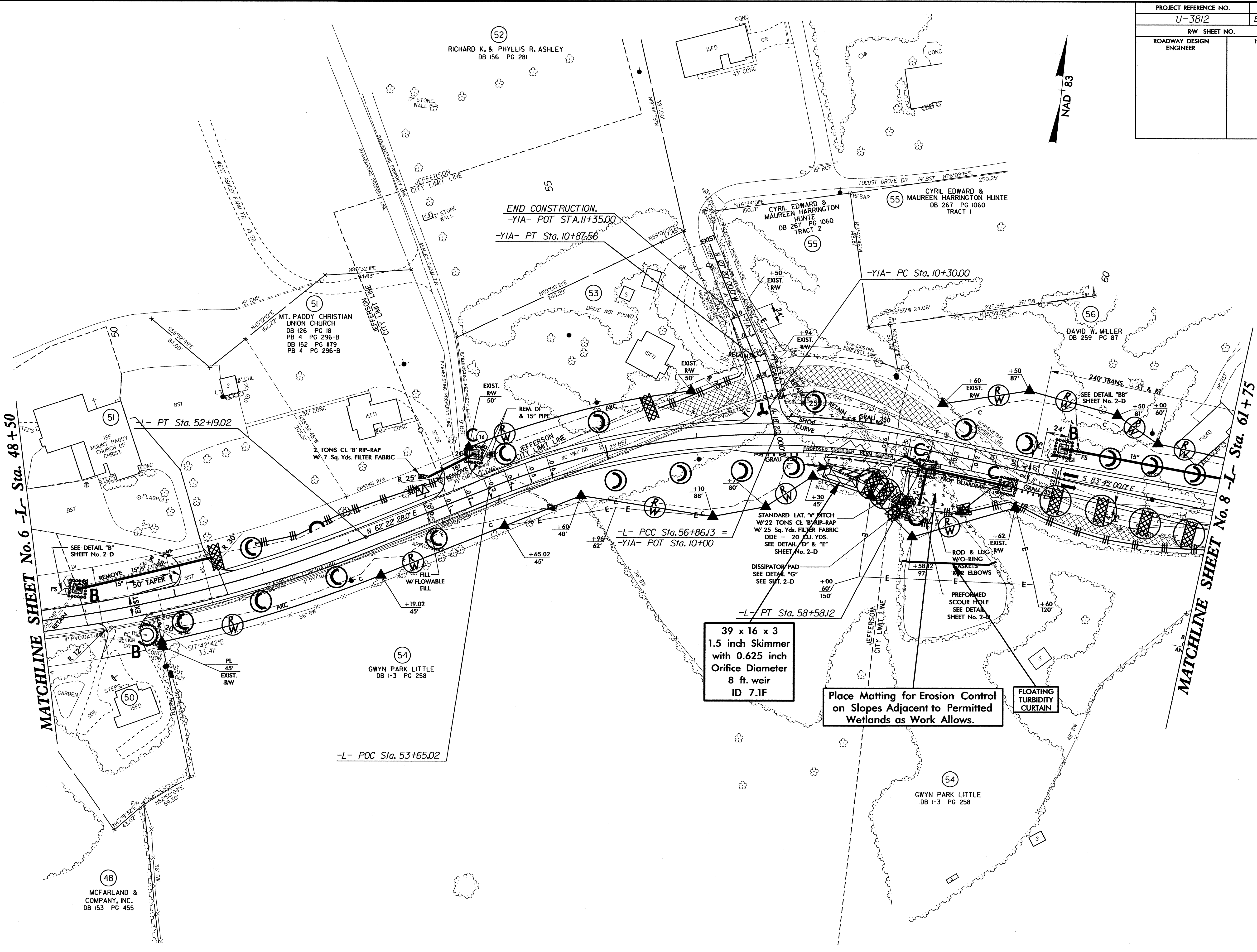
JAMES F. & ALLSYA M. ROTEN
DB 273 PG 2397

ROBERT MCFARLAND FRANKLIN & CHERYL JANE ROBERTS
DB 232 PG 783
DB 238 PG 377
DB 238 PG 379

MCFARLAND & COMPANY, INC.
DB 153 PG 455

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PROJECT REFERENCE NO.		SHEET NO.	
U-3812		EC-15/CONST.07	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

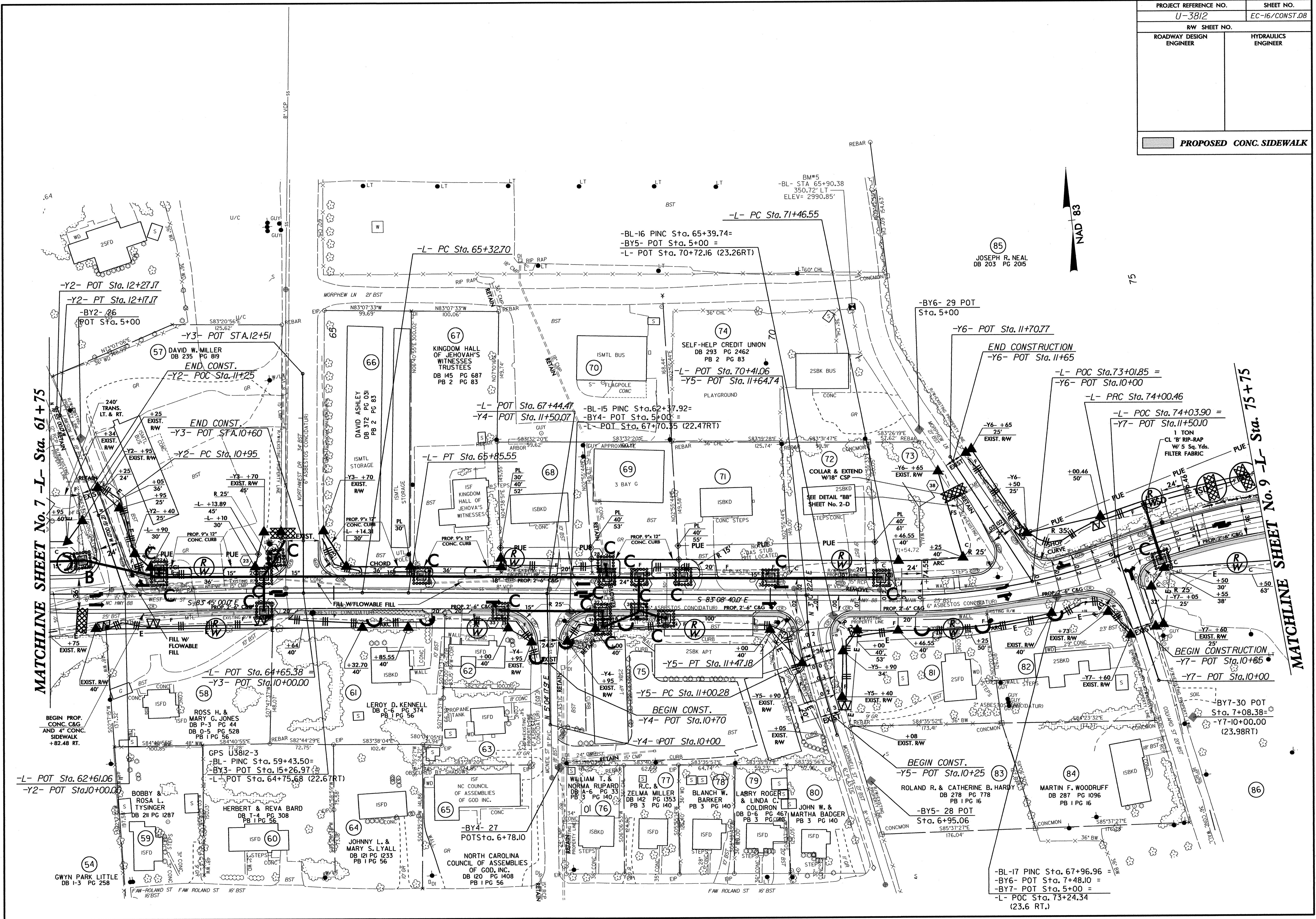


39 x 16 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
8 ft. weir
ID 7.1F

Place Matting for Erosion Control
on Slopes Adjacent to Permitted
Wetlands as Work Allows.

FLOATING
TURBIDITY
CURTAIN

PROJECT REFERENCE NO. U-3812	SHEET NO. EC-16/CONST.08
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PROPOSED CONC. SIDEWALK	



MATCHLINE SHEET No. 7 -L- Sta. 61+75

MATCHLINE SHEET No. 9 -L- Sta. 75+75

85
JOSEPH R. NEAL
DB 203 PG 205



-BL-17 PINE Sta. 67+96.96
-BY6- POT Sta. 7+48.10 =
-BY7- POT Sta. 5+00 =
-L- POC Sta. 73+24.34
(23.6 RT.)

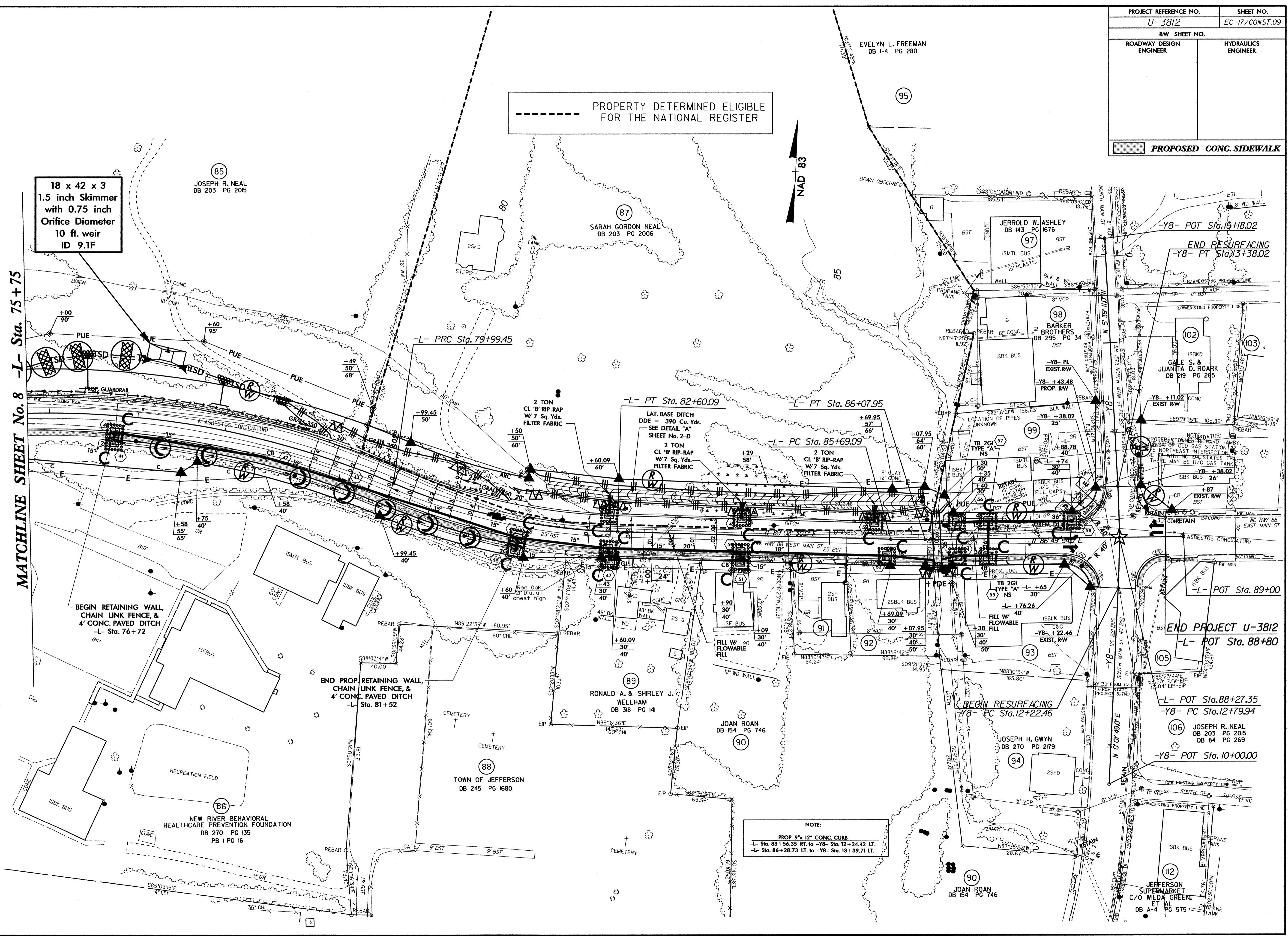
PROJECT REFERENCE NO.	SHEET NO.
U-3812	EC-17/CONST.09
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PROPOSED CONC. SIDEWALK	

MATCHLINE SHEET No. 8 -L- Sta. 75+75

18 x 42 x 3
1.5 inch Skimmer
with 0.75 inch
Orifice Diameter
10 ft. weir
ID 9.1F

PROPERTY DETERMINED ELIGIBLE
FOR THE NATIONAL REGISTER

NAD 83



BEGIN RETAINING WALL,
CHAIN LINK FENCE, &
4' CONC. PAVED DITCH
-L- Sta. 76+72

END PROP. RETAINING WALL,
CHAIN LINK FENCE, &
4' CONC. PAVED DITCH
-L- Sta. 81+52

LAT. BASE DITCH
DDE = 390 Cu. Yds.
SEE DETAIL "A"
SHEET No. 2-D

NOTE:
PROP. 9" x 12" CONC. CURB
-L- Sta. 83+56.35 RT. to -Y8- Sta. 12+24.42 LT.
-L- Sta. 86+28.73 LT. to -Y8- Sta. 13+39.71 LT.

END PROJECT U-3812
-L- POT Sta. 88+80

BEGIN RESURFACING
-Y8- PC Sta. 12+22.46

END RESURFACING
-Y8- PT Sta. 13+38.02

-L- POT Sta. 88+27.35
-Y8- PC Sta. 12+79.94

-Y8- POT Sta. 10+00.00

8/17/99
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AutoCAD