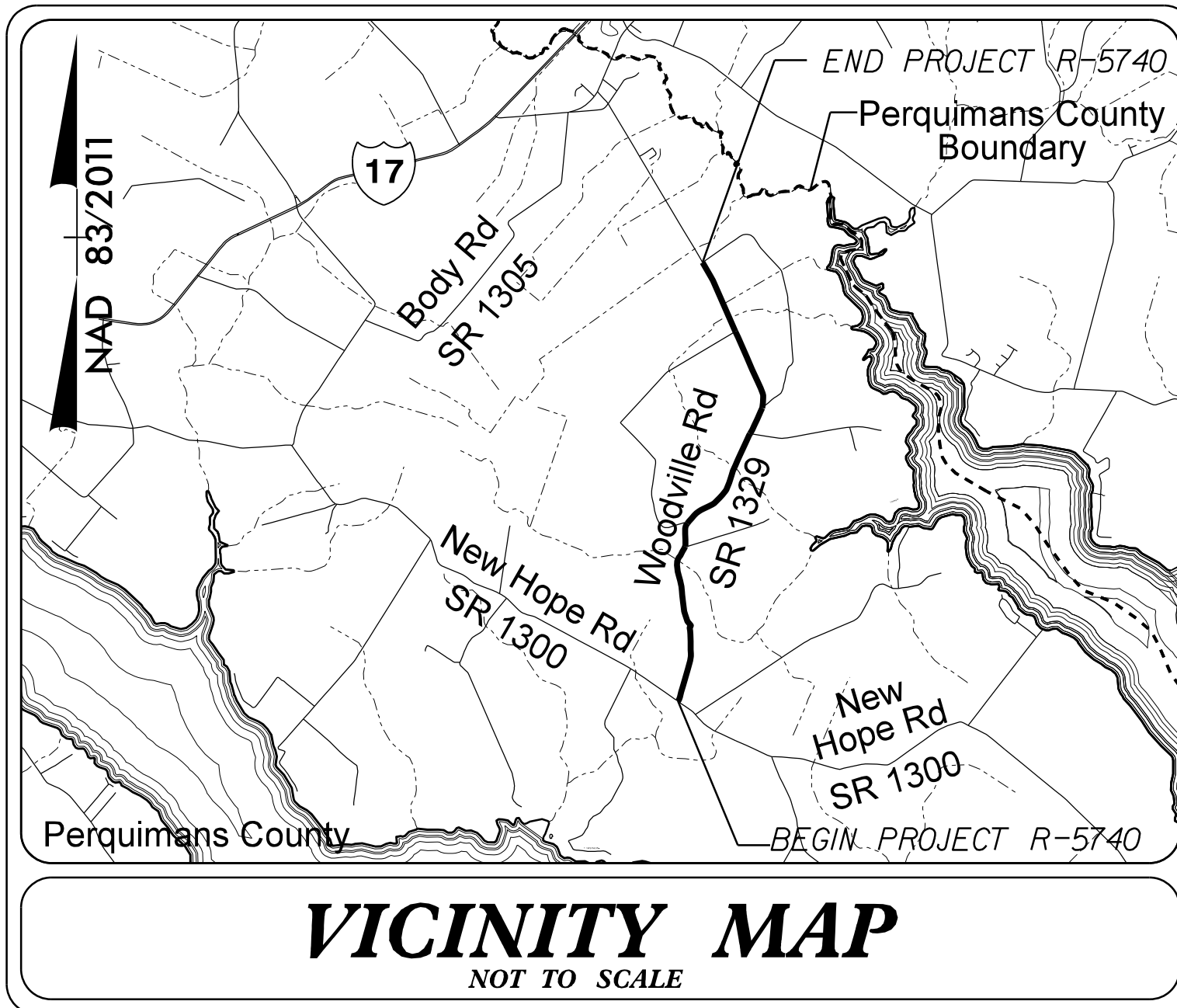


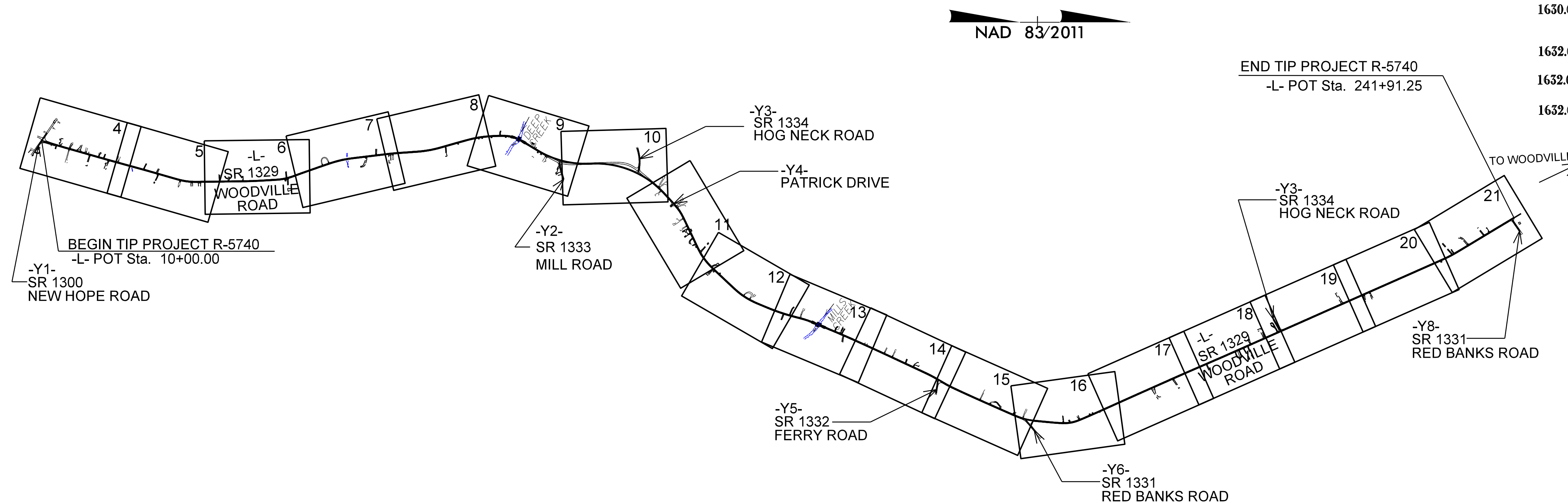
TIP PROJECT: R-5740



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

LOCATION: SR 1329 (WOODVILLE ROAD) FROM SR 1300 (NEW HOPE ROAD) TO SR 1331 (RED BANKS ROAD - NORTH END)

TYPE OF WORK: GRADING, PAVING, DRAINAGE, UTILITY CONSTRUCTION

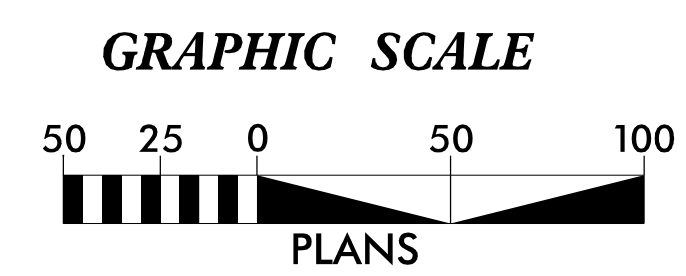


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5740	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

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	▲▲▲▲▲▲▲▲
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	W
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	W
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	⊓
1635.02	Rock Pipe Inlet Sediment Trap Type-B	⊓
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.



THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE APPLICABLE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE APRIL 1, 2019 AND ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER RESOURCES.



Prepared in the Office of:
ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBES #F-0326

Designed by:
DEAN GOODISON, PE 3864
NAME LEVEL III CERTIFICATION NO.

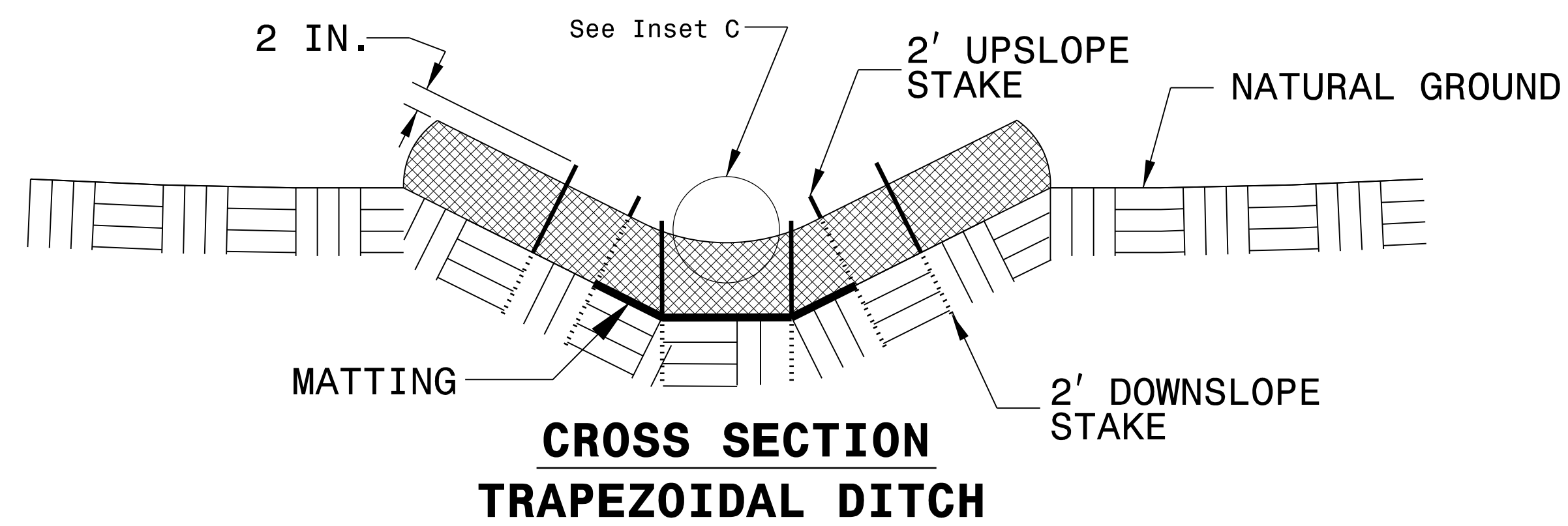
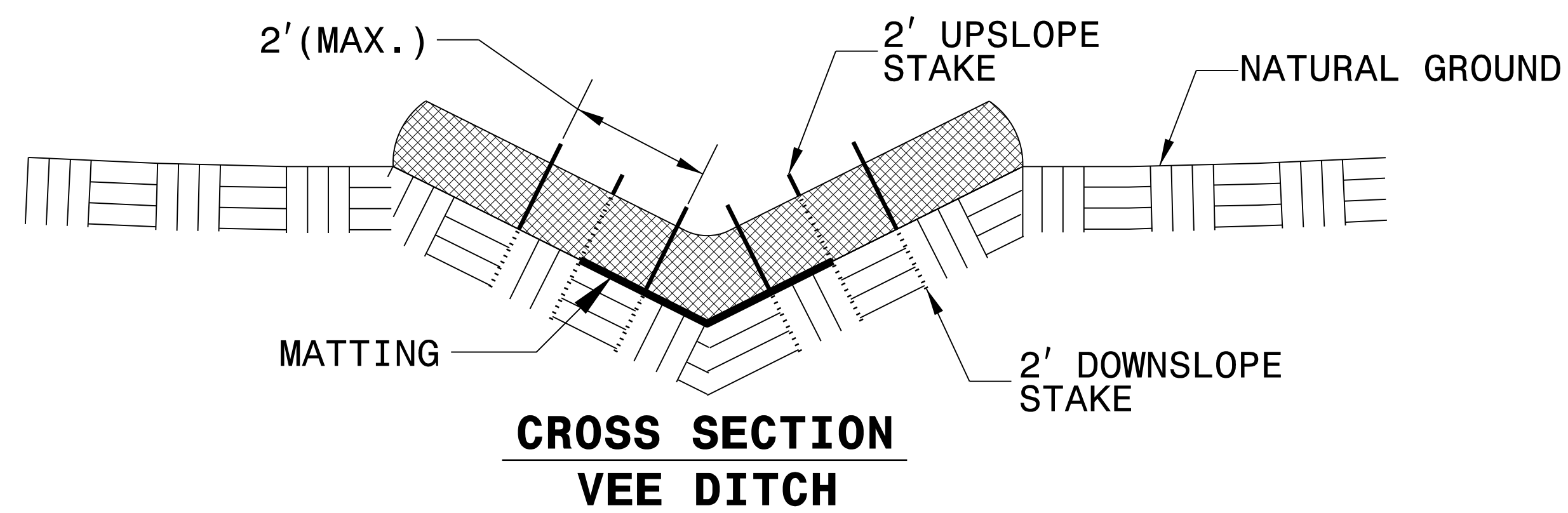
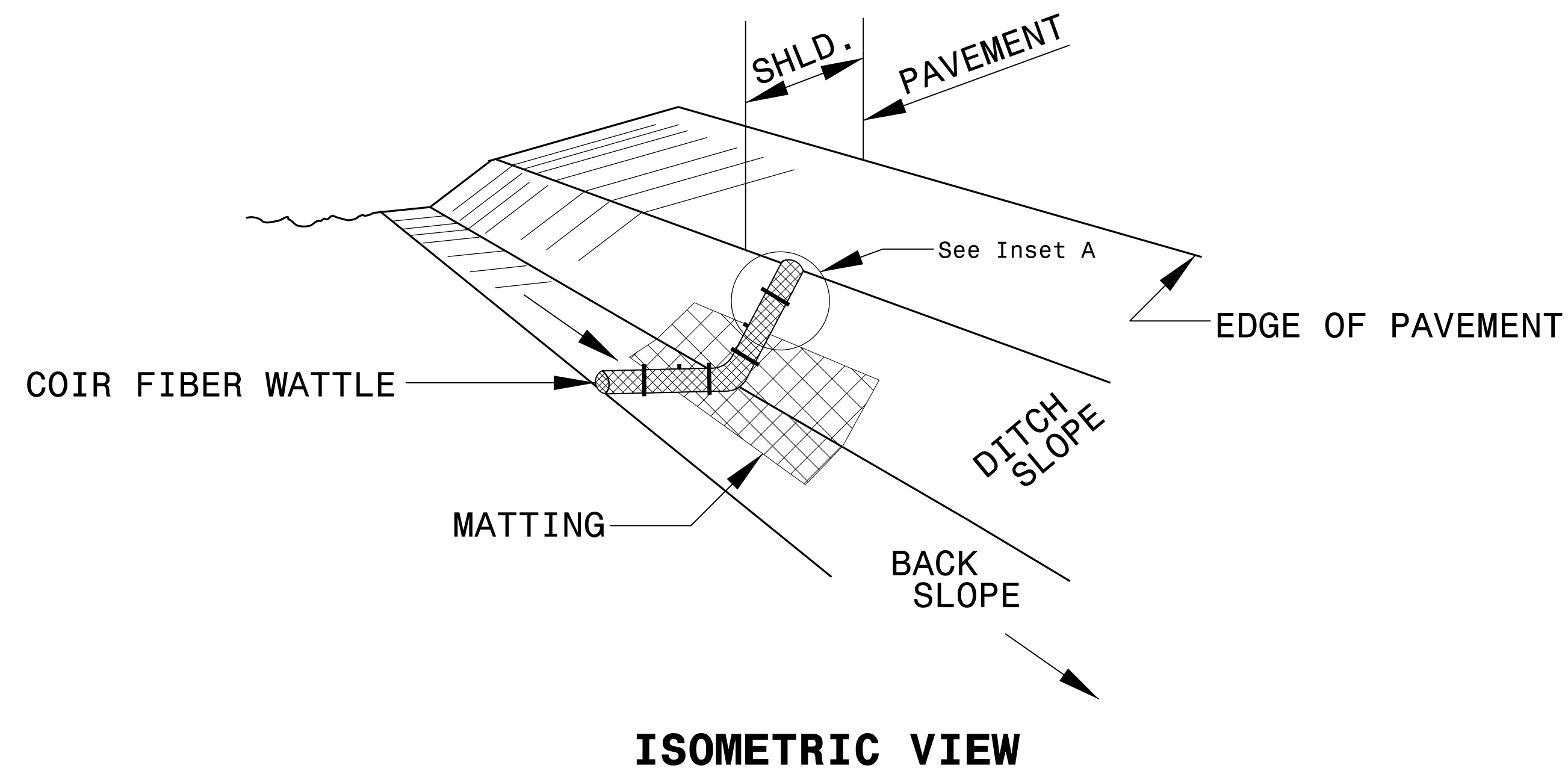
Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2018 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 J
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 J
1630.01 Riser Basin	1634.01 Temporary Rock Sediment Dam Type A
1630.02 Silt Basin Type J	1634.02 Temporary Rock Sediment Dam Type J
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 J
1630.05 Temporary Diversion	1640.01 Coir Fiber Wattle
1630.06 Special Stilling Basin	1645.01 Temporary Stream Crossing
1631.01 Matting Installation	

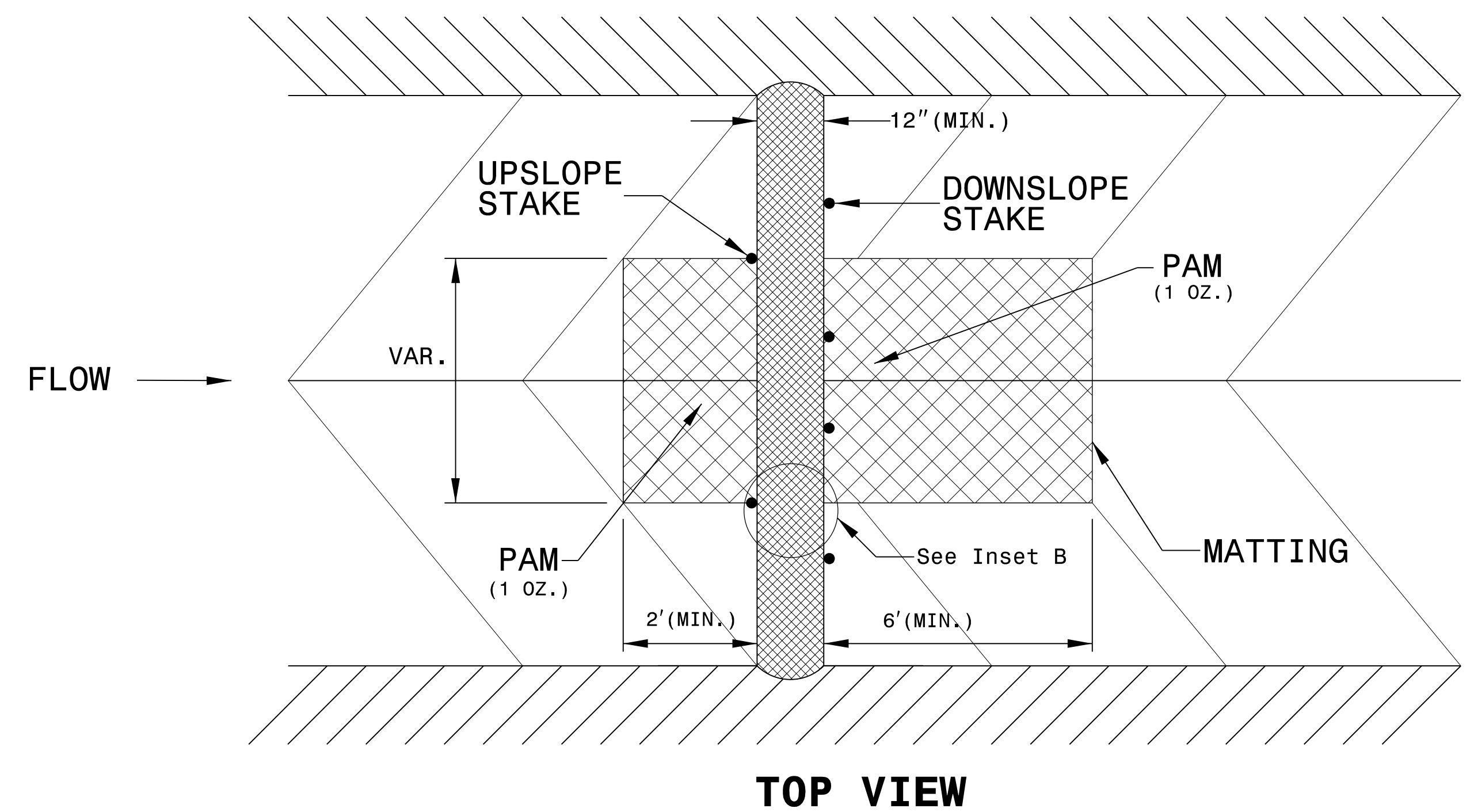
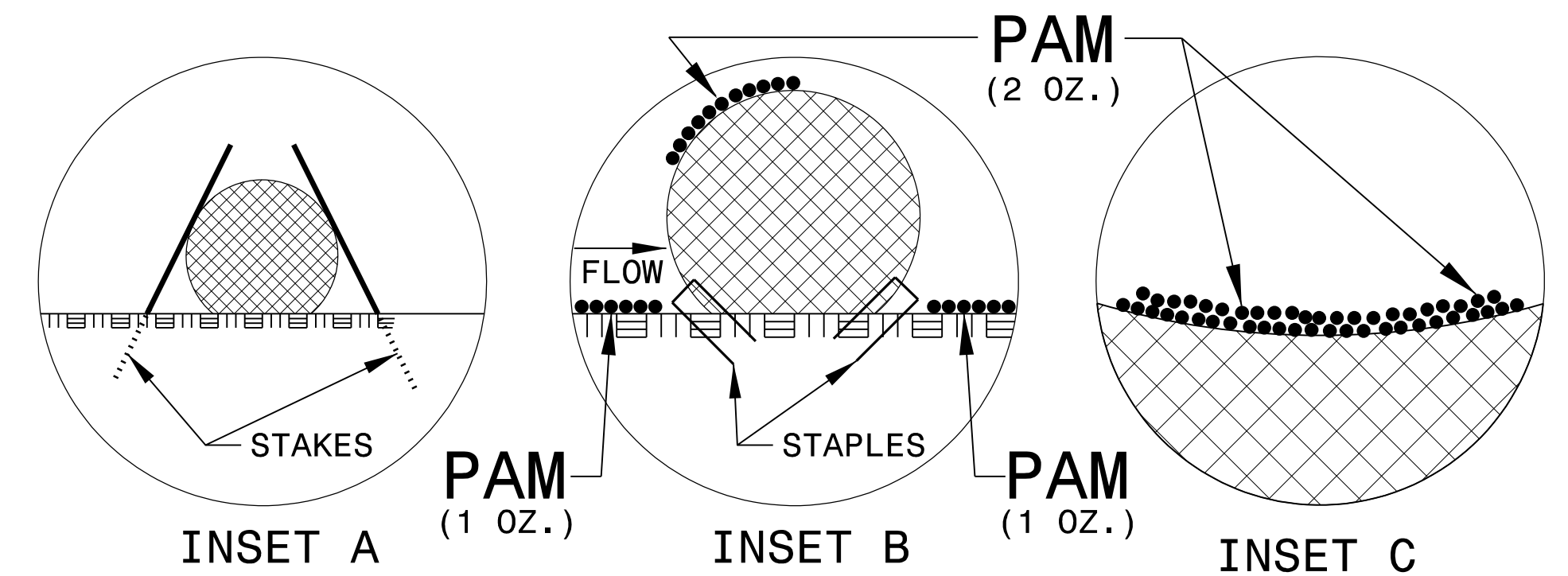
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COIR FIBER WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL

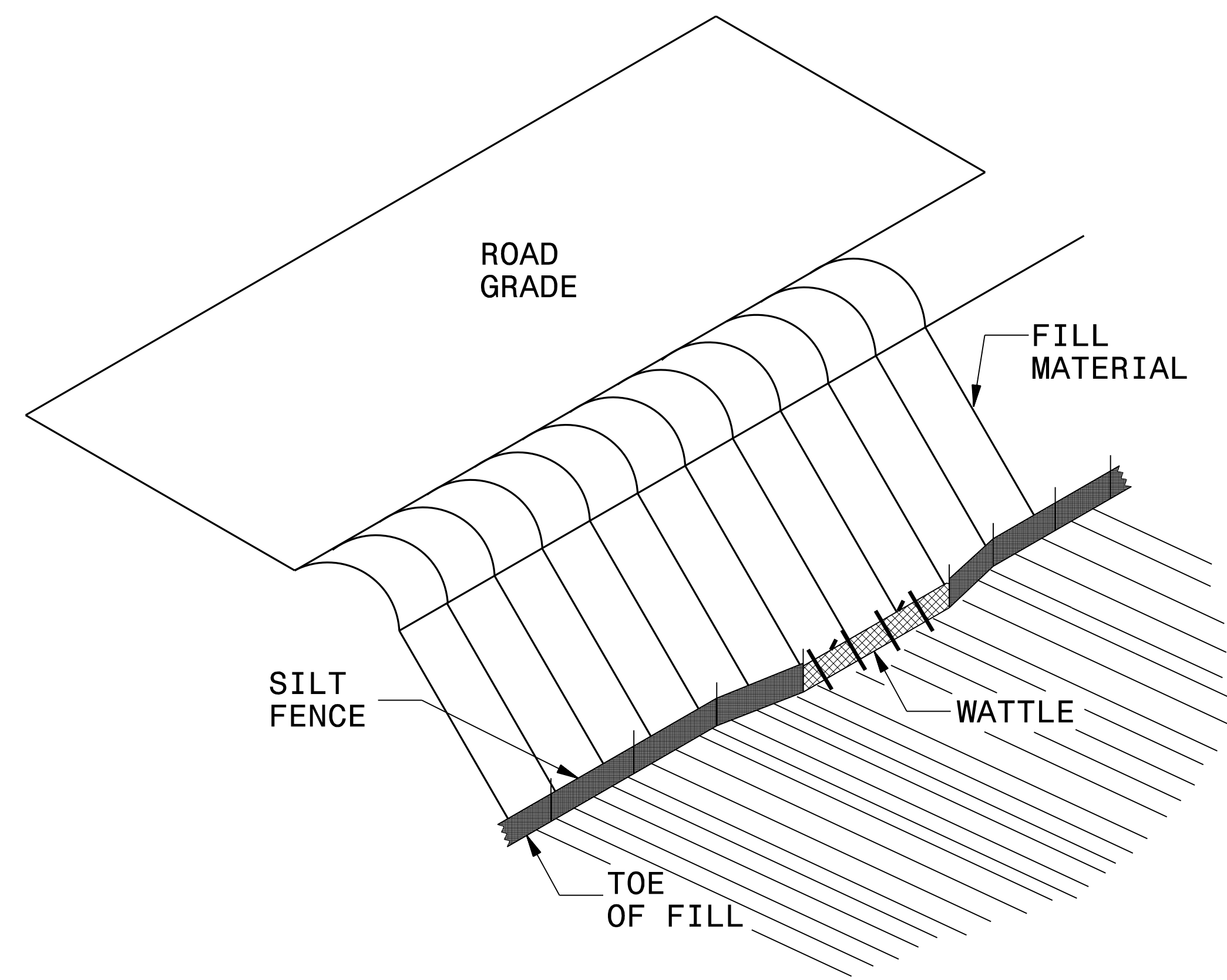


NOTES:

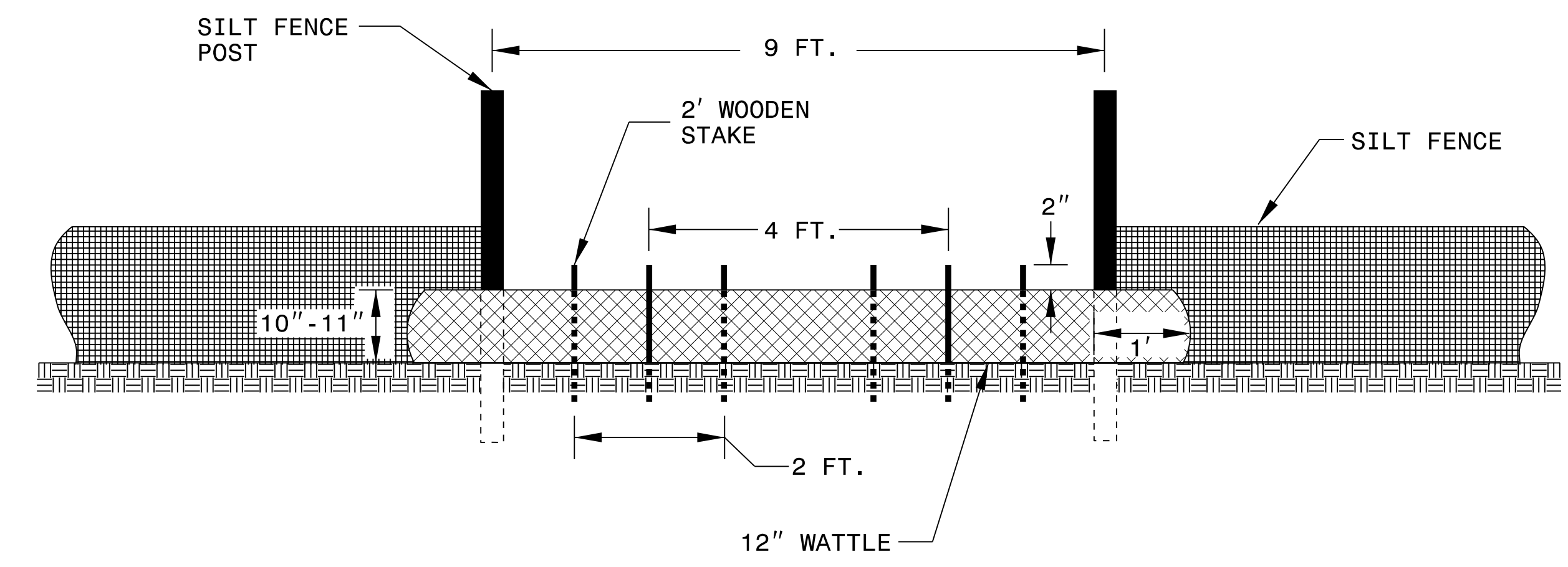
- USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE.
- USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
- ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.
- INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 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 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



ISOMETRIC VIEW

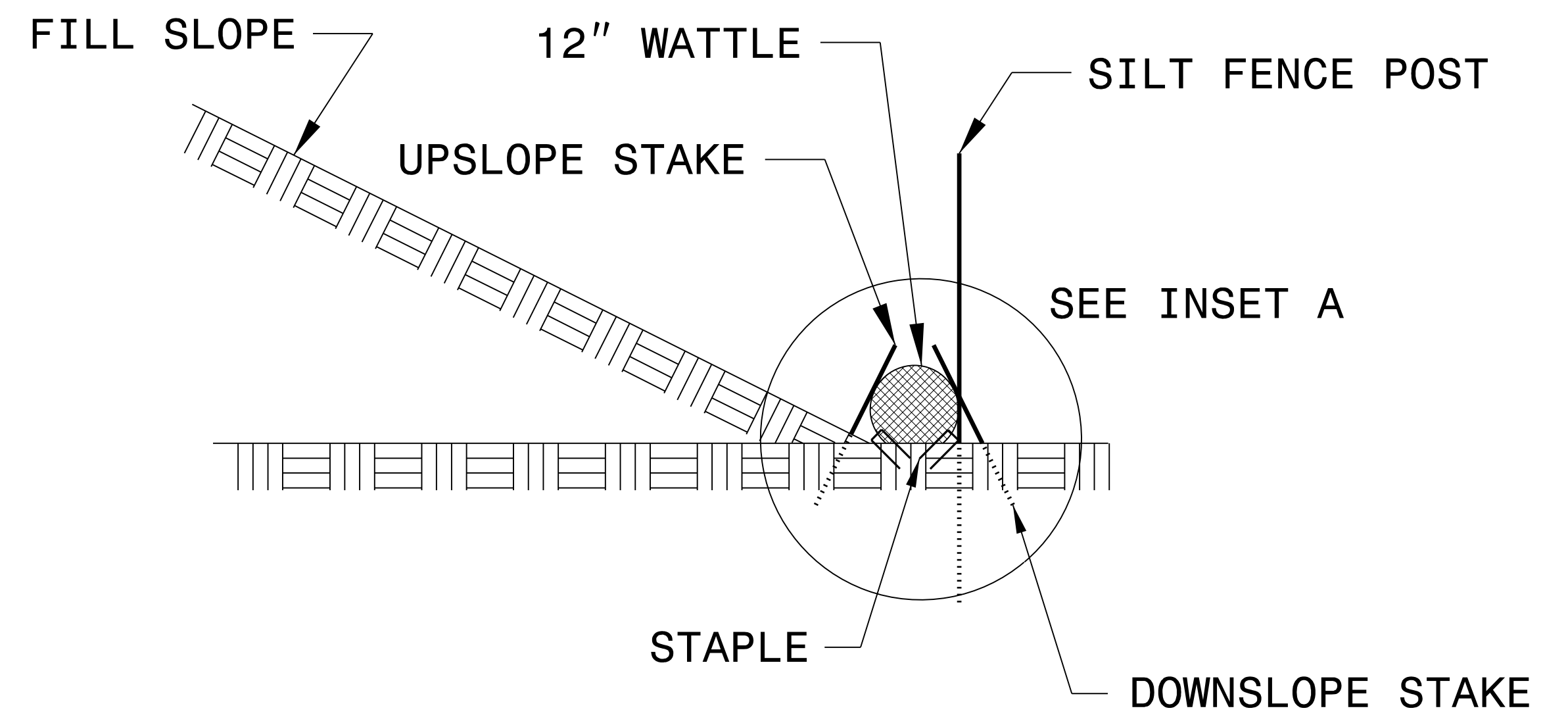
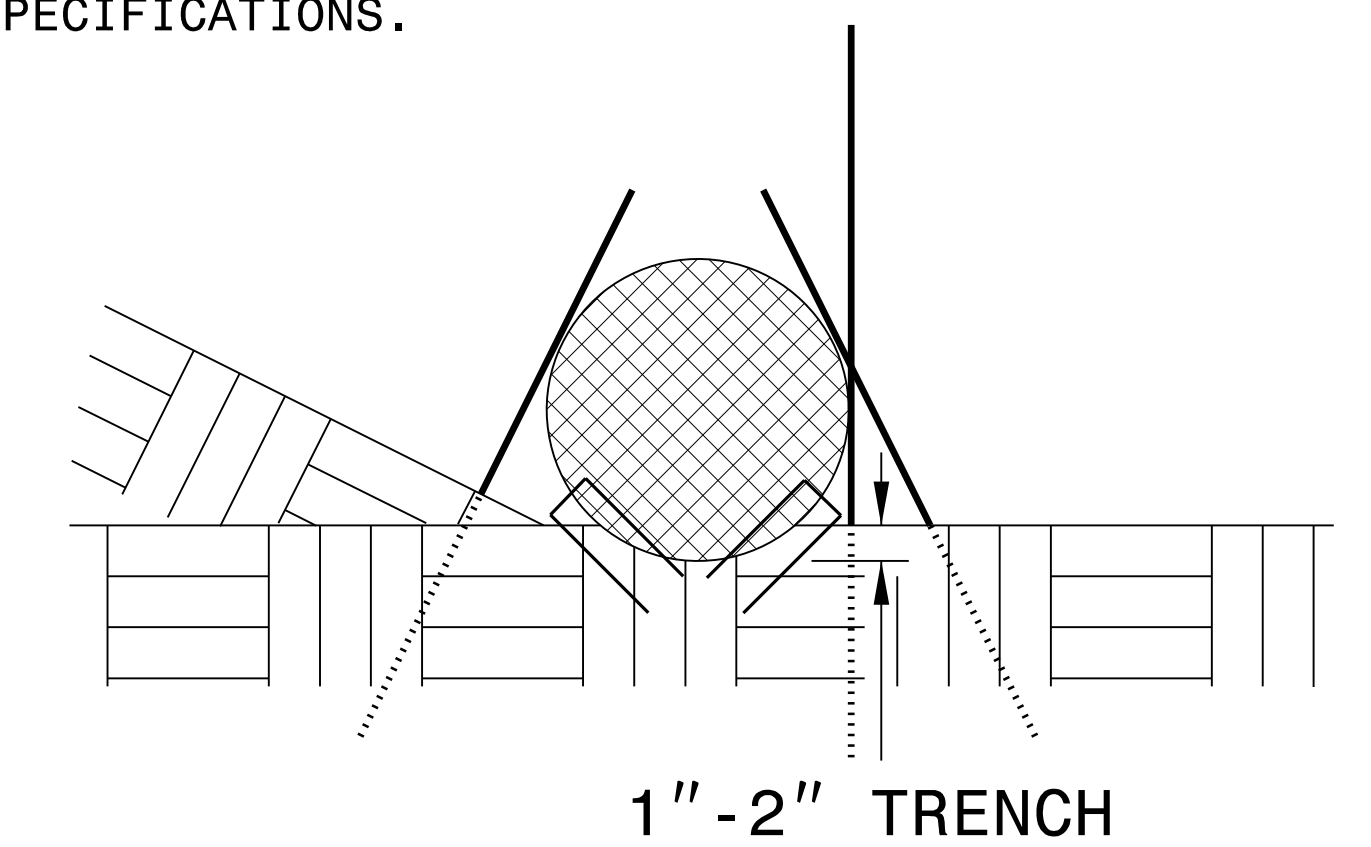


VIEW FROM SLOPE

NOTES:

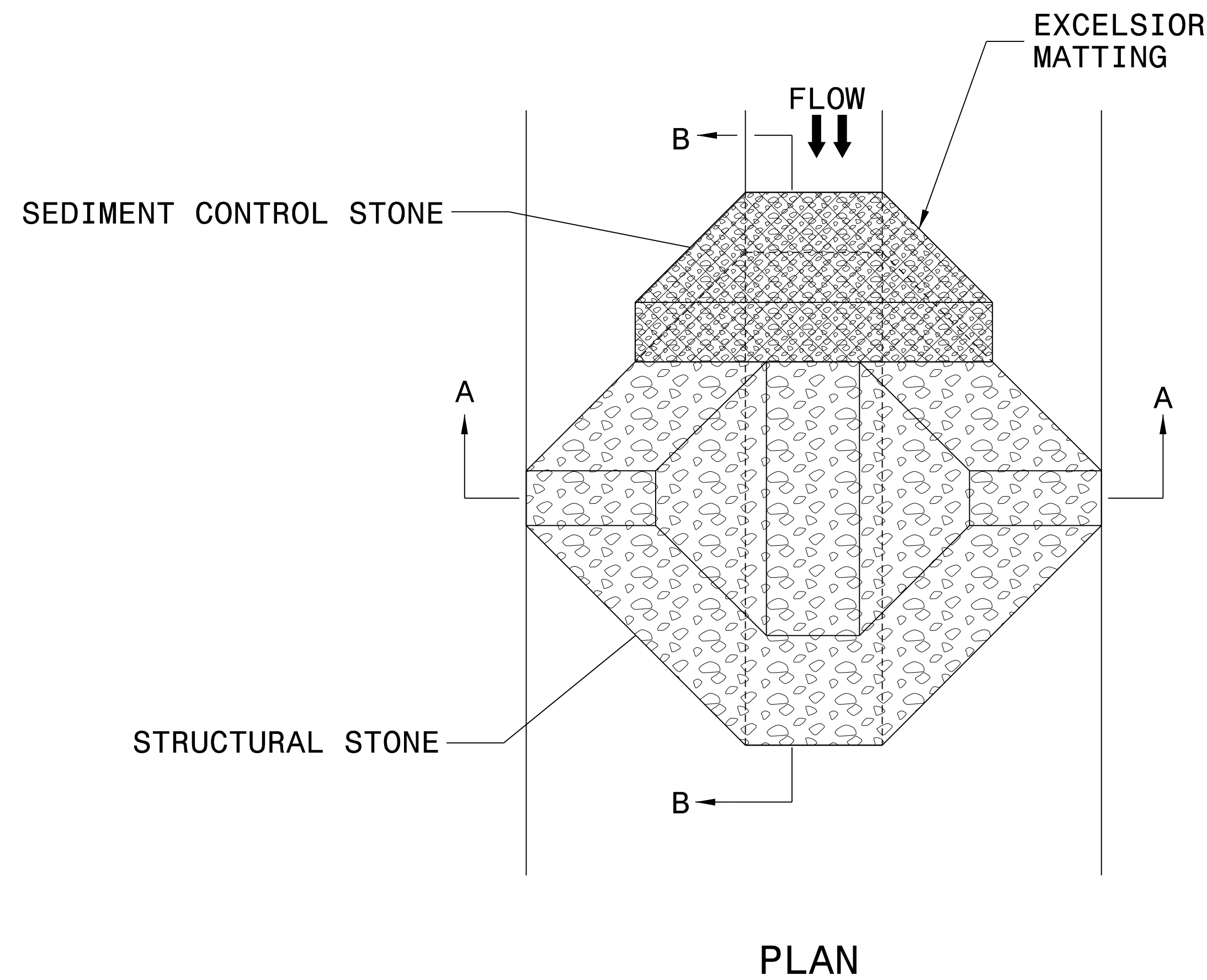
- USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE AND LENGTH OF 10 FT.
- EXCAVATE A 1 TO 2 INCH TRENCH FOR WATTLE TO BE PLACED.
- DO NOT PLACE WATTLE ON TOE OF SLOPE.
- USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
- INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE 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

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



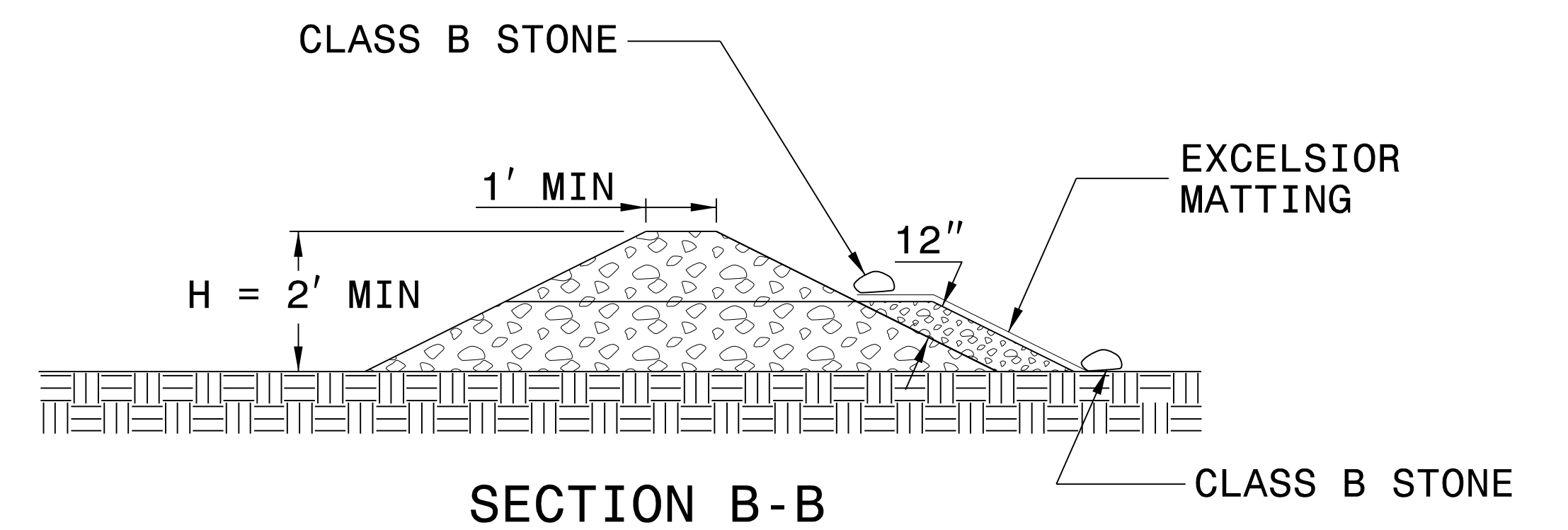
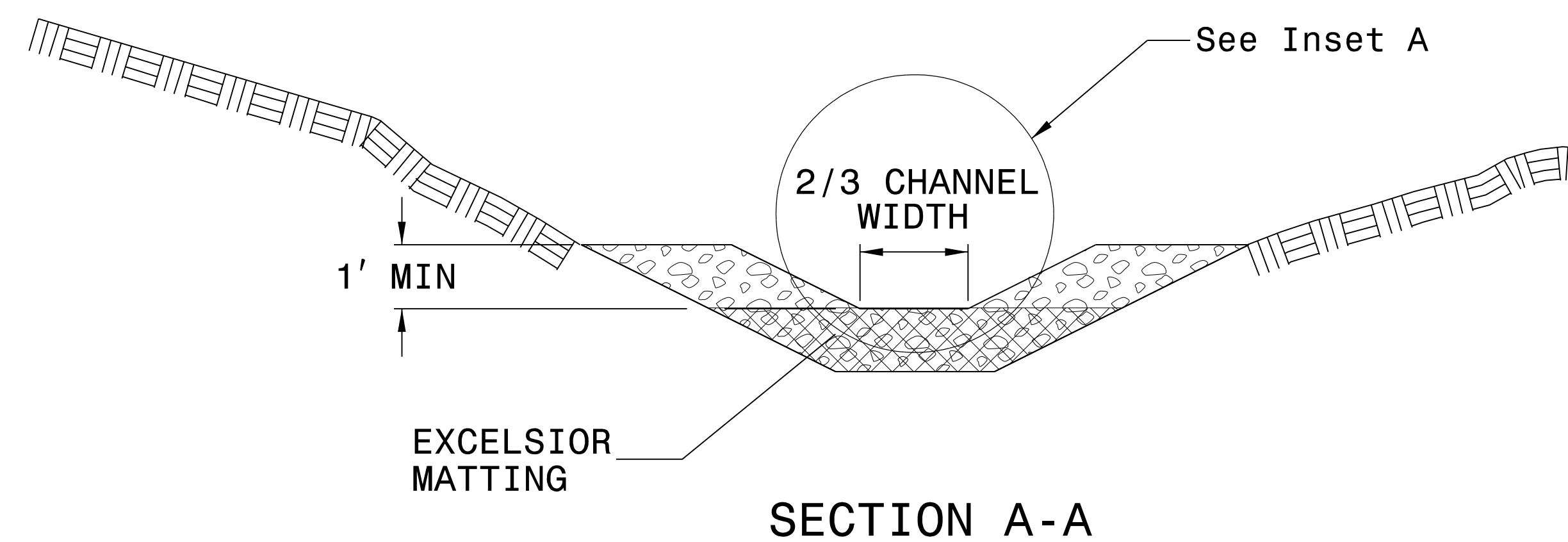
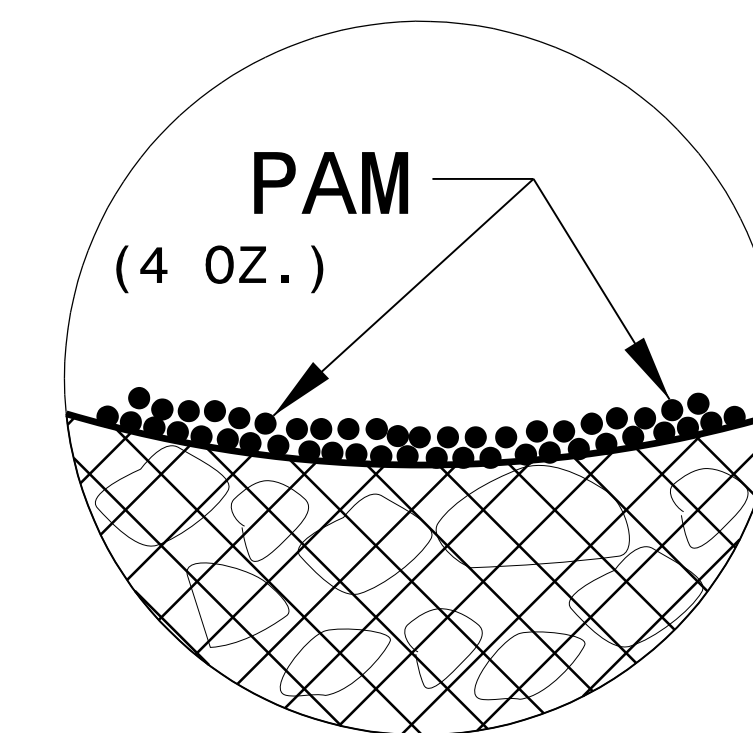
NOTES:

INSTALL TEMPORARY ROCK SILT CHECK TYPE A IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1633.01.

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.

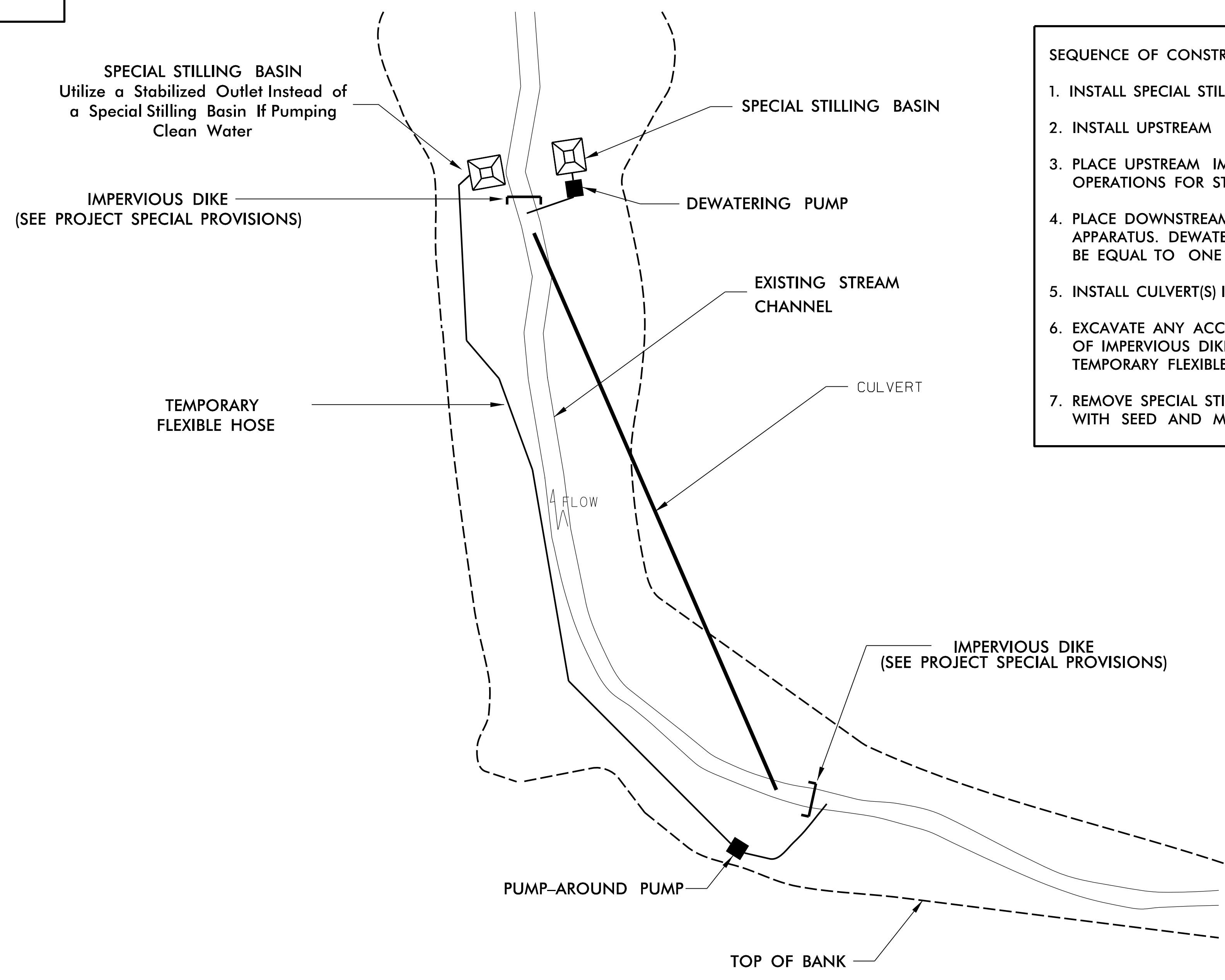
INITIALLY APPLY 4 OUNCES OF POLYACRYLAMIDE (PAM) TO TOP OF MATTING SECTION AND AFTER EVERY RAINFALL EVENT THAT EQUALS OR EXCEEDS 0.50 INCHES.



NOT TO SCALE

EXAMPLE OF PUMP-AROUND OPERATION

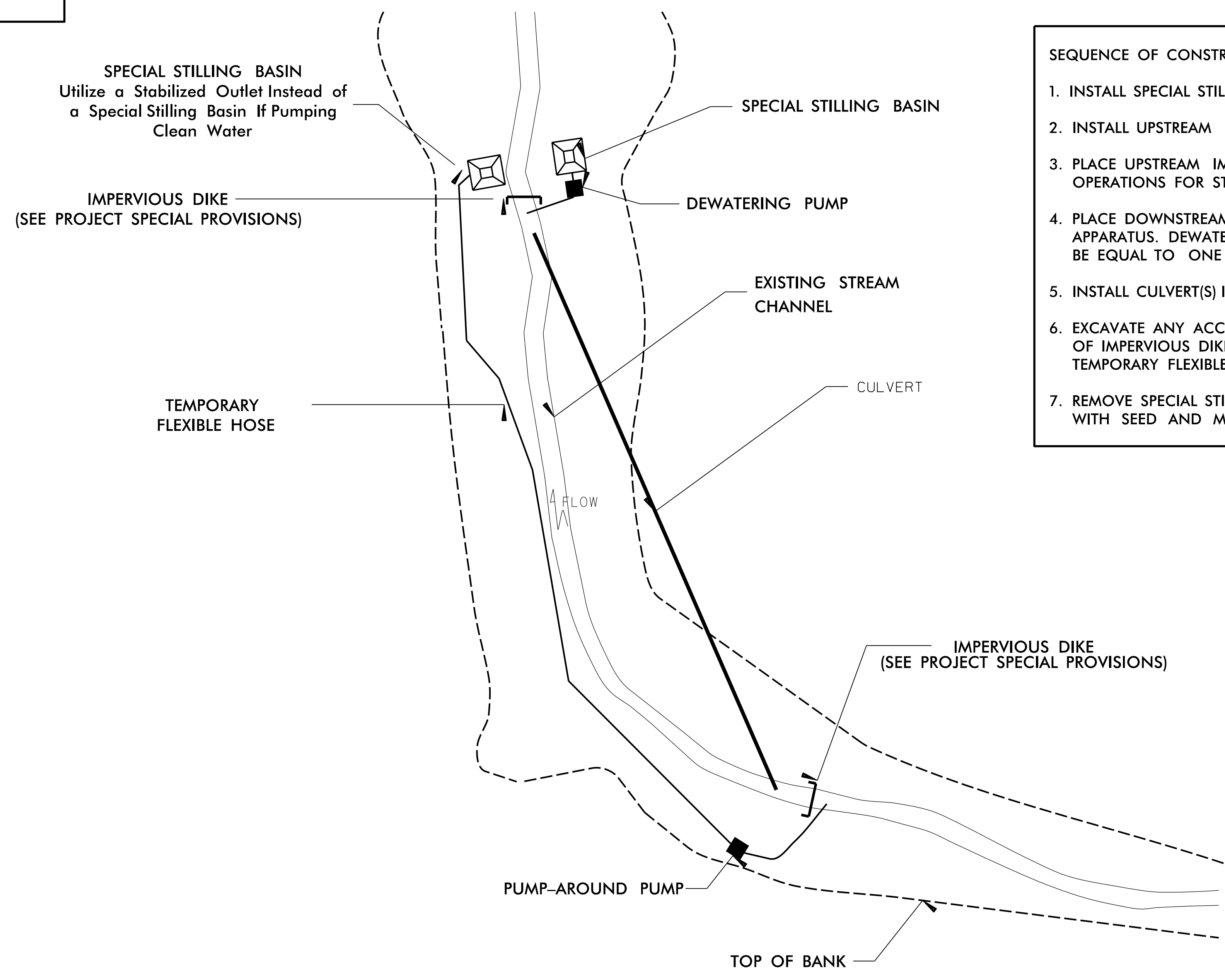
- NOTES:
- 1) All excavation shall be performed in only dry or isolated areas of the work zone.
 - 2) Impervious dikes are to be used to isolate work from stream flow when necessary.
 - 3) Maintenance of stream flow operations shall be incidental to the work. This includes polyethylene sheeting, diversion pipes, pumps and hoses.
 - 4) Pumps and hoses shall be of sufficient size to dewater the work area.



- SEQUENCE OF CONSTRUCTION FOR TYPICAL WORK AREA
1. INSTALL SPECIAL STILLING BASIN(S).
 2. INSTALL UPSTREAM PUMP AND TEMPORARY FLEXIBLE HOSE.
 3. PLACE UPSTREAM IMPERVIOUS DIKE AND BEGIN PUMPING OPERATIONS FOR STREAM DIVERSION.
 4. PLACE DOWNSTREAM IMPERVIOUS DIKE AND PUMPING APPARATUS. DEWATER ENTRAPPED AREA. AREA TO BE DEWATERED SHALL BE EQUAL TO ONE DAY'S WORK.
 5. INSTALL CULVERT(S) IN ACCORDANCE WITH THE PLANS.
 6. EXCAVATE ANY ACCUMULATED SILT AND DEWATER BEFORE REMOVAL OF IMPERVIOUS DIKES. REMOVE IMPERVIOUS DIKES, PUMPS, AND TEMPORARY FLEXIBLE HOSE. (DOWNSTREAM IMPERVIOUS DIKES FIRST).
 7. REMOVE SPECIAL STILLING BASIN(S) AND BACKFILL. STABILIZE DISTURBED AREA WITH SEED AND MULCH.

EXAMPLE OF PUMP-AROUND OPERATION

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- 1) All excavation shall be performed in only dry or isolated areas of the work zone.
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 7. REMOVE SPECIAL STILLING BASIN(S) AND BACKFILL. STABILIZE DISTURBED AREA WITH SEED AND MULCH.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION SUMMARY SHEET

MATTING FOR EROSION CONTROL

MATTING FOR EROSION CONTROL

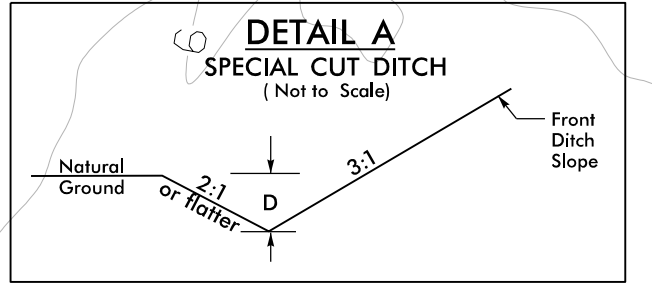
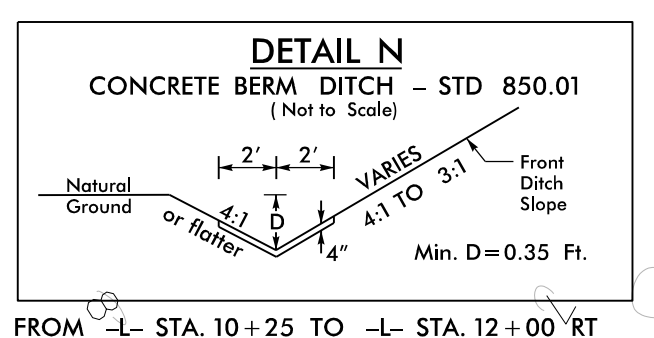
CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
4	-L-	12+60	18+59	LT	715
4	-L-	18+59	20+20	LT	100
4	-L-	18+57	19+83	RT	75
4	-L-	20+20	23+50	LT	200
4	-L-	20+17	23+49	RT	200
5	-L-	23+51	25+78	LT	135
5	-L-	25+78	28+55	LT	165
5	-L-	28+56	37+82	LT	1100
5	-L-	28+53	37+80	RT	555
6	-L-	37+82	40+50	LT	320
6	-L-	40+50	42+43	LT	275
6	-L-	45+97	54+84	LT	1055
6	-L-	46+14	54+81	RT	515
7	-L-	55+00	60+36	LT	320
7	-L-	55+05	60+63	RT	1065
8	-L-	72+50	74+20	LT	205
8	-L-	74+20	78+72	LT	335
9	-L-	78+72	79+30	LT	45
9	-L-	79+30	79+66	LT	30
8	-L-	74+20	78+50	RT	385
9	-L-	79+20	79+50	RT	20
9	-L-	78+85	79+20	RT	30
9	-L-	78+50	78+85	RT	30
9	-L-	80+00	80+45	LT	60
9	-L-	80+45	80+96	LT	70
9	-L-	82+70	97+45	LT	1755
9	-L-	80+00	80+45	RT	70
9	-L-	80+45	80+92	RT	70
9	-L-	80+92	86+20	RT	775
9	-L-	86+80	104+30	RT	2580

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
10	-L-	98+09	99+45	LT	85
10	-L-	99+45	104+19	LT	285
11	-L-	104+20	112+22	LT	1130
11	-L-	104+93	109+25	RT	385
12	-L-	115+58	131+83	LT	1960
13	-L-	131+83	132+68	LT	95
12	-L-	122+08	126+50	RT	425
12	-L-	126+50	131+83	RT	515
13	-L-	131+83	132+58	RT	85
13	-L-	133+25	133+96	LT	70
13	-L-	133+96	136+00	LT	200
13	-L-	136+00	145+85	LT	1190
13	-L-	133+05	133+96	RT	155
13	-L-	136+00	151+63	RT	1885
14	-L-	145+85	157+70	LT	1430
16	-L-	166+47	174+82	RT	500
16	-L-	170+77	174+81	LT	660
17	-L-	174+81	189+01	LT	2315
17	-L-	189+01	199+00	LT	1190
18	-L-	192+99	199+16	RT	550
18	-L-	199+17	199+86	RT	45
18	-L-	199+15	204+00	LT	790
19	-L-	211+58	212+37	LT	75
19	-L-	212+37	219+21	LT	1115
20	-L-	217+82	219+22	RT	85
20	-L-	219+39	225+25	LT	890
20	-L-	225+25	231+39	LT	730
20	-L-	229+81	231+43	RT	100
21	-L-	231+44	236+43	RT	445
21	-L-	237+04	241+71	LT	555

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

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.

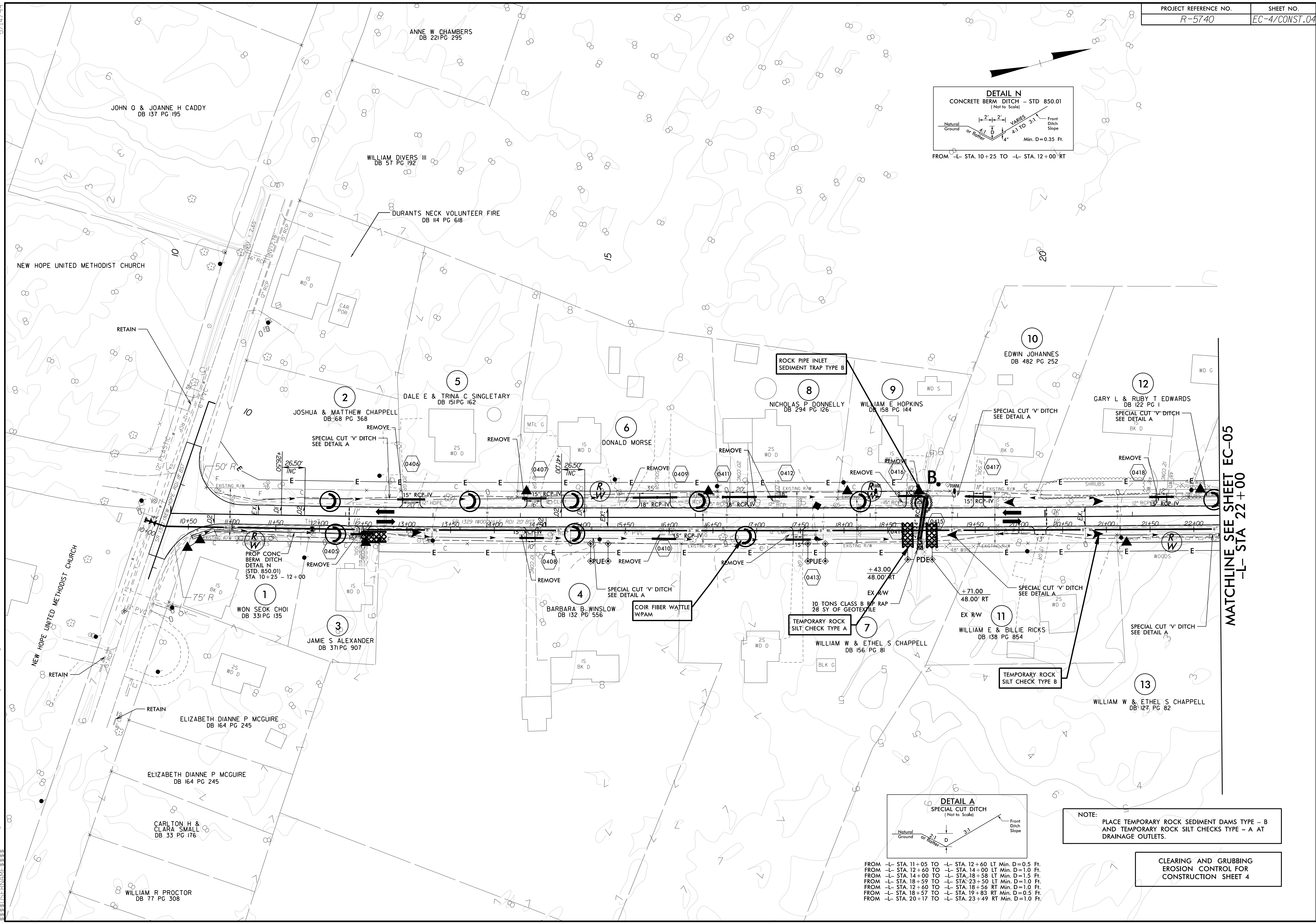


FROM -L- STA. 11+05 TO	-L- STA. 12+60 LT Min. D=0.5 Ft.
FROM -L- STA. 12+60 TO	-L- STA. 14+00 LT Min. D=1.0 Ft.
FROM -L- STA. 14+00 TO	-L- STA. 18+58 LT Min. D=1.5 Ft.
FROM -L- STA. 18+59 TO	-L- STA. 23+50 LT Min. D=1.0 Ft.
FROM -L- STA. 12+60 TO	-L- STA. 18+56 RT Min. D=1.0 Ft.
FROM -L- STA. 18+57 TO	-L- STA. 19+83 RT Min. D=0.5 Ft.
FROM -L- STA. 20+17 TO	-L- STA. 23+49 RT Min. D=1.0 Ft.

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 4

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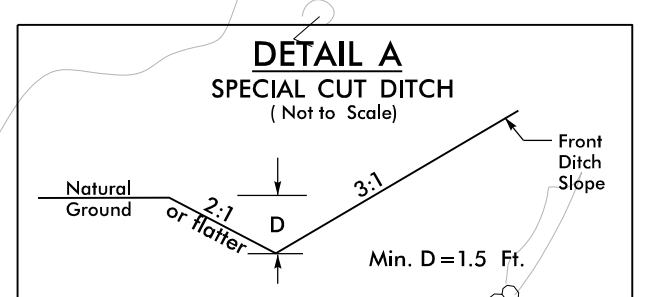
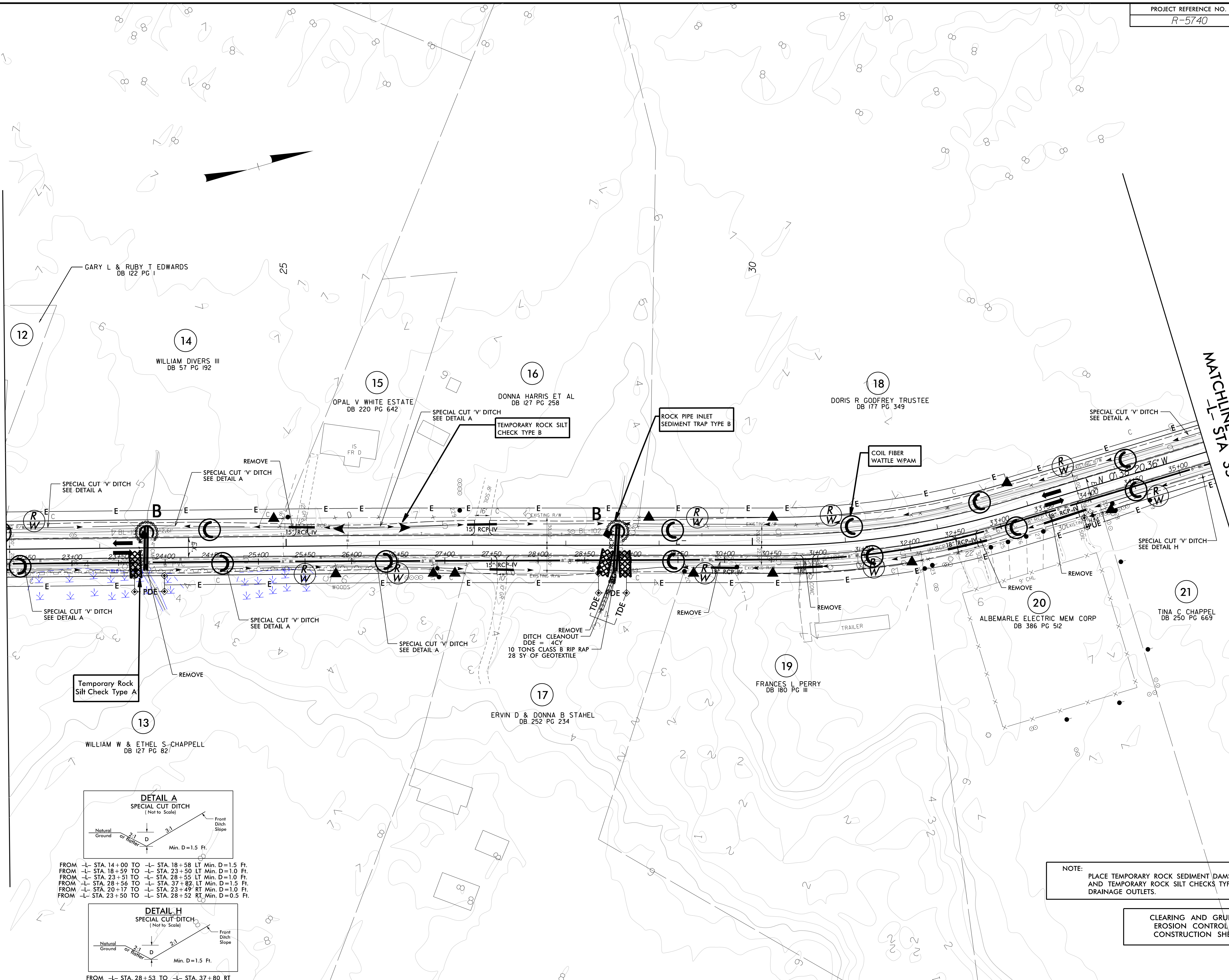


MATCHLINE SEE SHEET EC-05 -L- STA 22+00

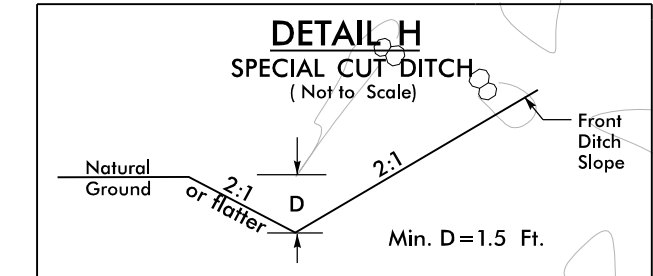
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 \$\$\$\$SUSAN HARRIS\$\$\$\$

MATCHLINE SEE SHEET EC-4
L- STA 22+00

MATCHLINE SEE SHEET EC-6
L- STA 35+00



- FROM -L- STA. 14+00 TO -L- STA. 18+58 LT Min. D=1.5 Ft.
- FROM -L- STA. 18+59 TO -L- STA. 23+50 LT Min. D=1.0 Ft.
- FROM -L- STA. 23+51 TO -L- STA. 28+55 LT Min. D=1.0 Ft.
- FROM -L- STA. 28+56 TO -L- STA. 37+82 LT Min. D=1.5 Ft.
- FROM -L- STA. 20+17 TO -L- STA. 23+49 RT Min. D=1.0 Ft.
- FROM -L- STA. 23+50 TO -L- STA. 28+52 RT Min. D=0.5 Ft.



FROM -L- STA. 28+53 TO -L- STA. 37+80 RT

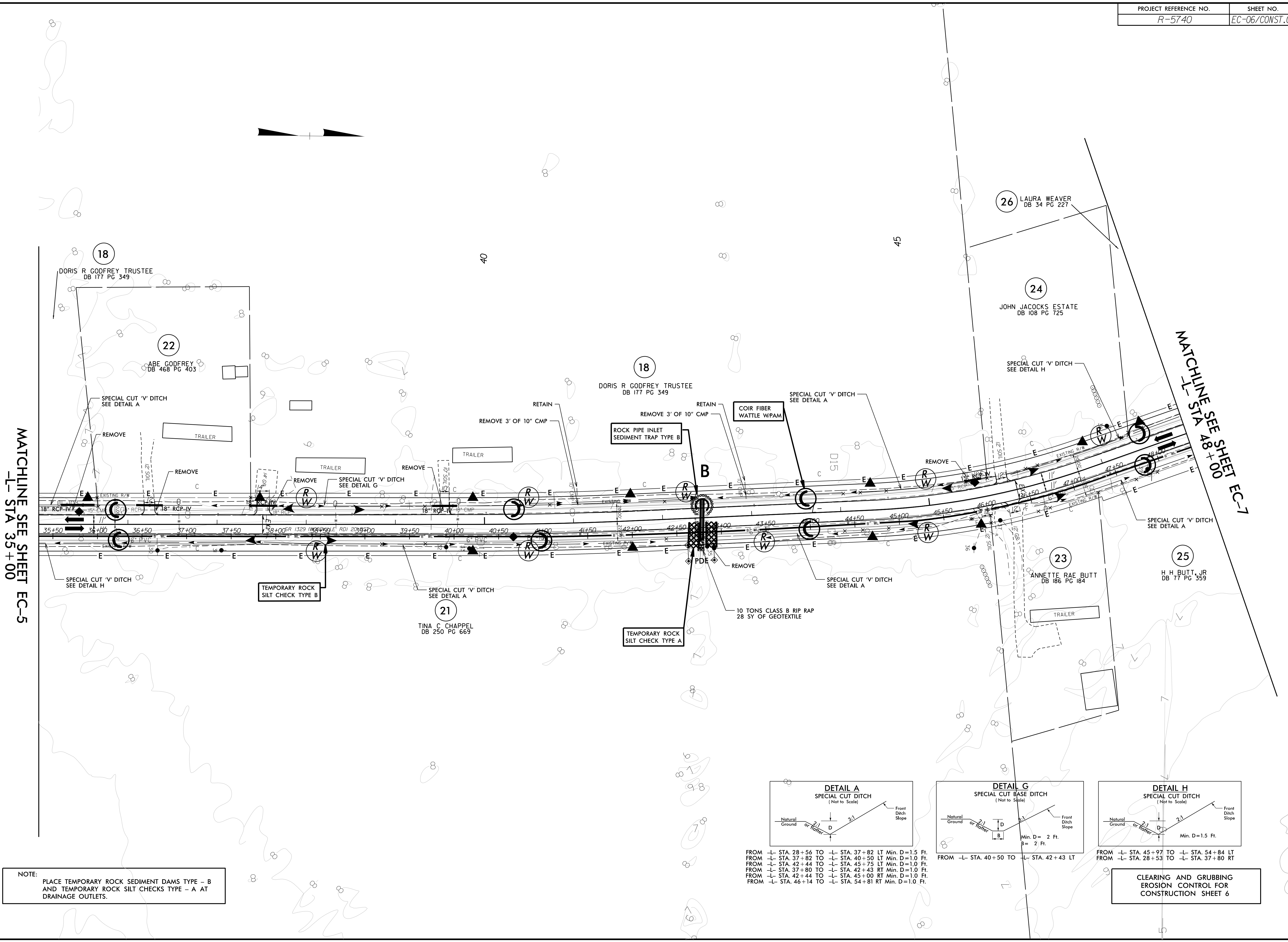
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 5

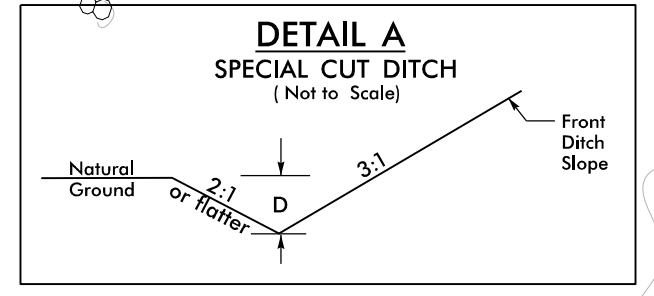
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MATCHLINE SEE SHEET EC-5
 -L- STA 35+00

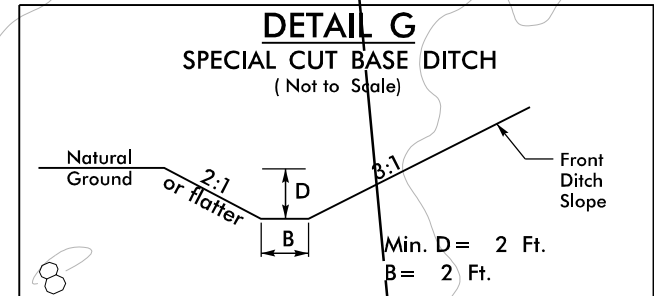
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 -L- STA 48+00



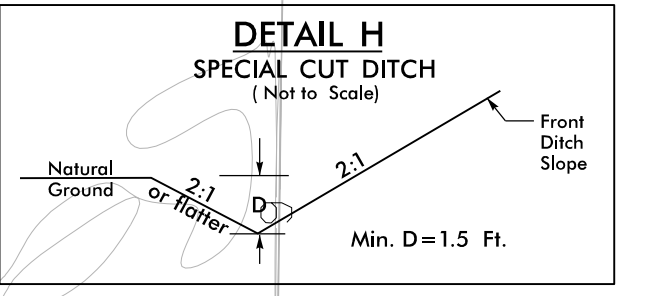
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.



FROM -L- STA. 28+56 TO -L- STA. 37+82 LT Min. D=1.5 Ft.
 FROM -L- STA. 37+82 TO -L- STA. 40+50 LT Min. D=1.0 Ft.
 FROM -L- STA. 42+44 TO -L- STA. 45+75 LT Min. D=1.0 Ft.
 FROM -L- STA. 37+80 TO -L- STA. 42+43 RT Min. D=1.0 Ft.
 FROM -L- STA. 42+44 TO -L- STA. 45+00 RT Min. D=1.0 Ft.
 FROM -L- STA. 46+14 TO -L- STA. 54+81 RT Min. D=1.0 Ft.



FROM -L- STA. 40+50 TO -L- STA. 42+43 LT
 Min. D = 2 Ft.
 B = 2 Ft.

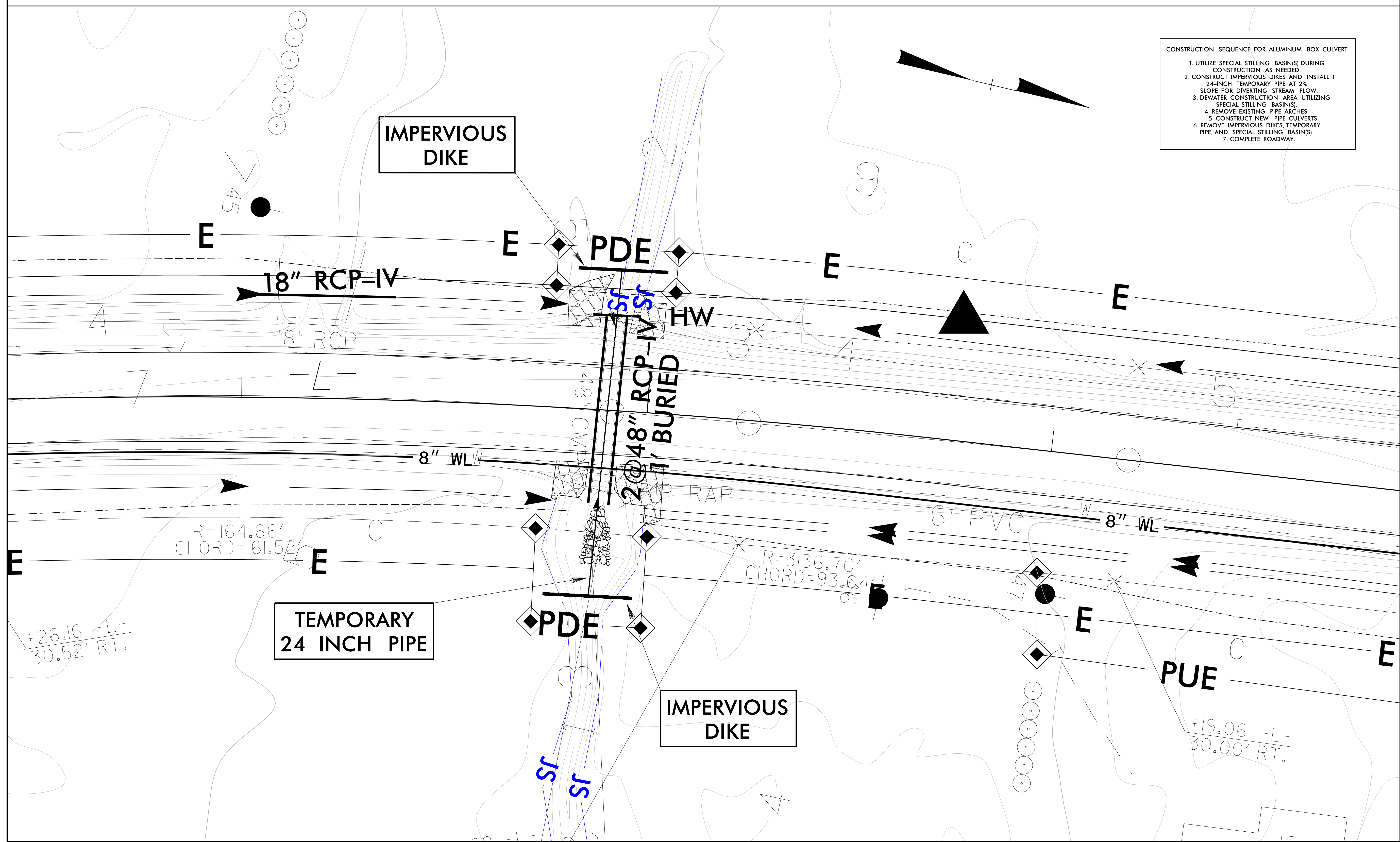


FROM -L- STA. 45+97 TO -L- STA. 54+84 LT
 FROM -L- STA. 28+53 TO -L- STA. 37+80 RT
 Min. D=1.5 Ft.

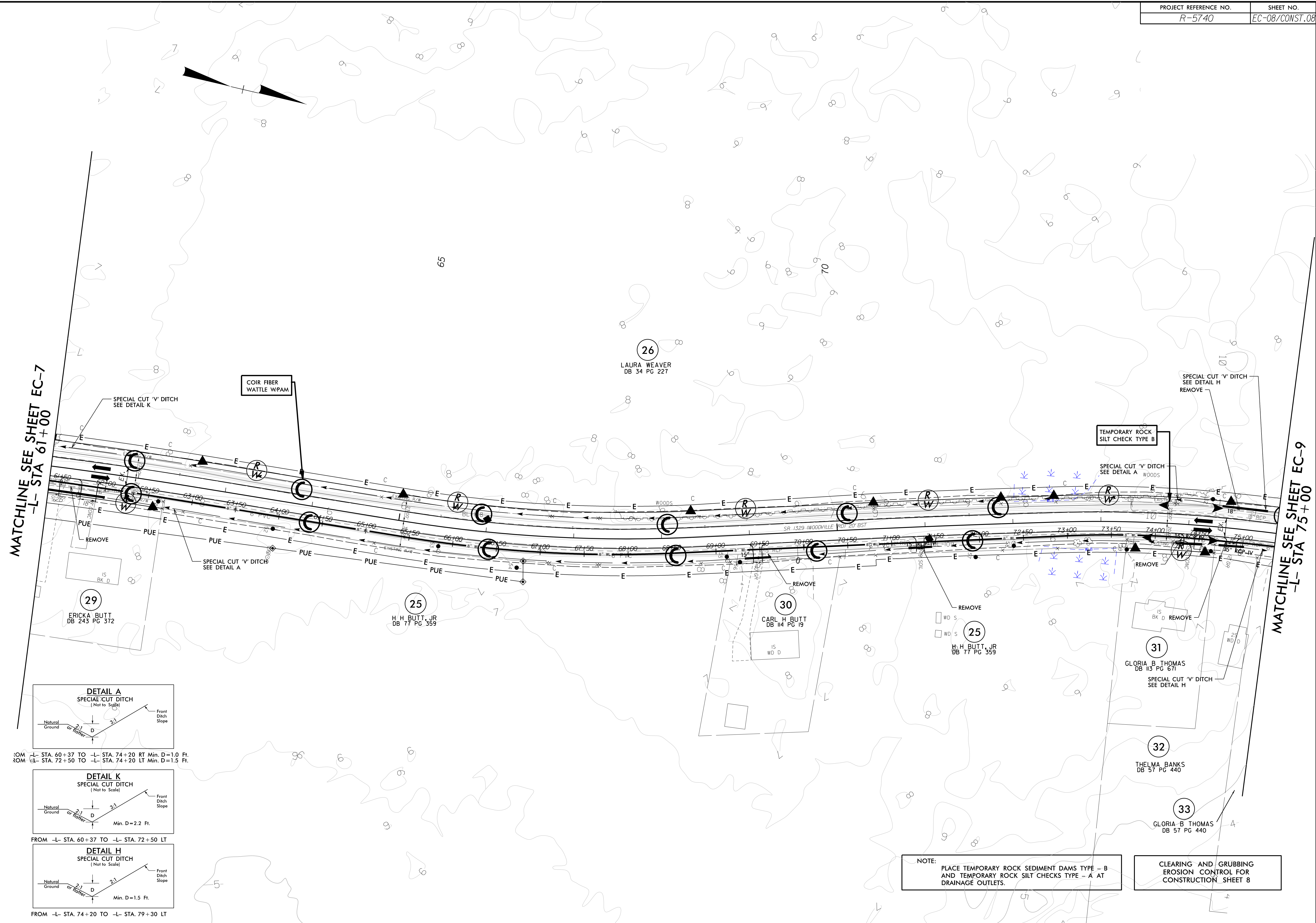
CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 6

CULVERT CONSTRUCTION SEQUENCE STA. 54+91 -L-

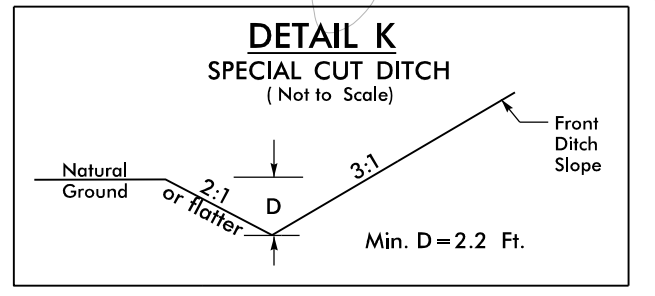
- CONSTRUCTION SEQUENCE FOR ALUMINUM BOX CULVERT
1. UTILIZE SPECIAL STILLING BASIN(S) DURING CONSTRUCTION AS NEEDED.
 2. CONSTRUCT IMPERVIOUS DIKES AND INSTALL 1 24-INCH TEMPORARY PIPE AT 2% SLOPE FOR DIVERTING STREAM FLOW.
 3. DEWATER CONSTRUCTION AREA UTILIZING SPECIAL STILLING BASIN(S).
 4. REMOVE EXISTING PIPE ARCHES.
 5. CONSTRUCT NEW PIPE CULVERTS.
 6. REMOVE IMPERVIOUS DIKES, TEMPORARY PIPE, AND SPECIAL STILLING BASIN(S).
 7. COMPLETE ROADWAY.



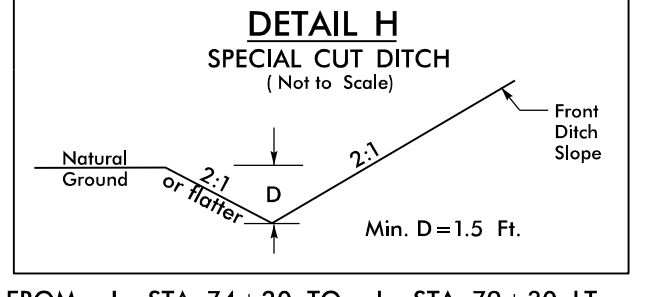
19_DEC-2018 09:41:40 \\NCDOT\1004740\Hydr-autils\CADD\PSHA\EC&SC\R5740_rdy_PSH_08.dgn
 5/14/99



FROM -L- STA. 60+37 TO -L- STA. 74+20 RT Min. D=1.0 Ft.
 FROM -L- STA. 72+50 TO -L- STA. 74+20 LT Min. D=1.5 Ft.



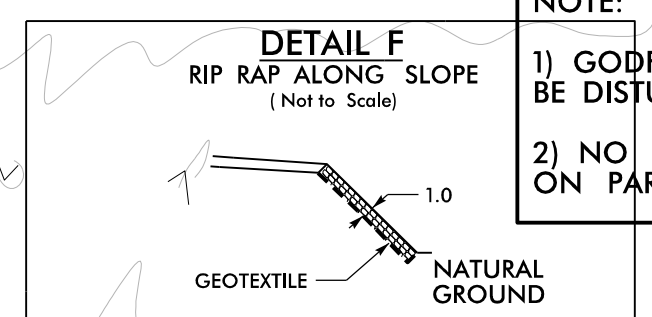
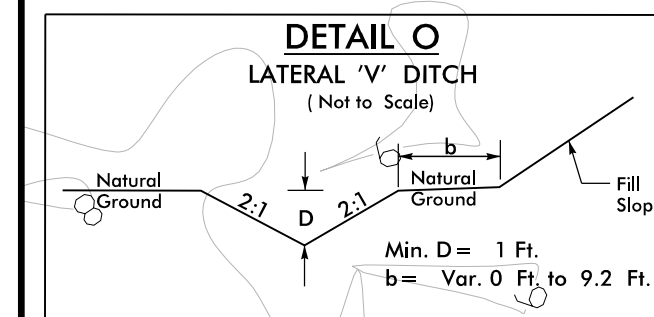
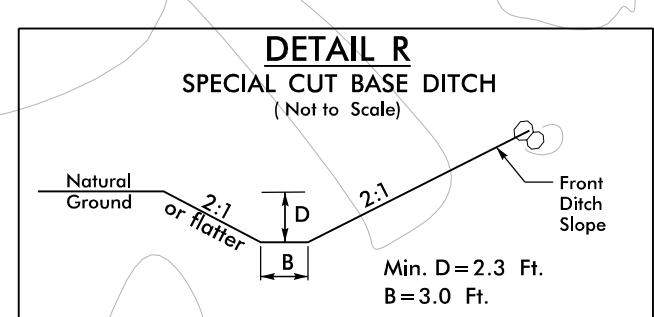
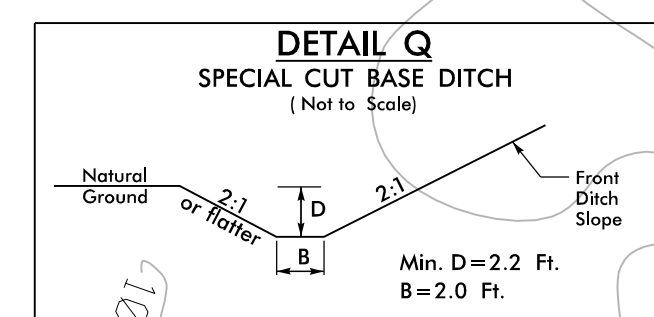
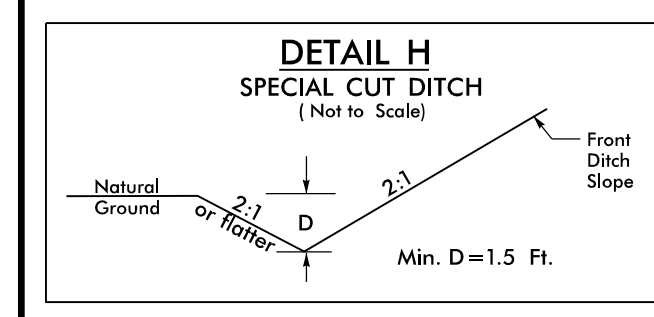
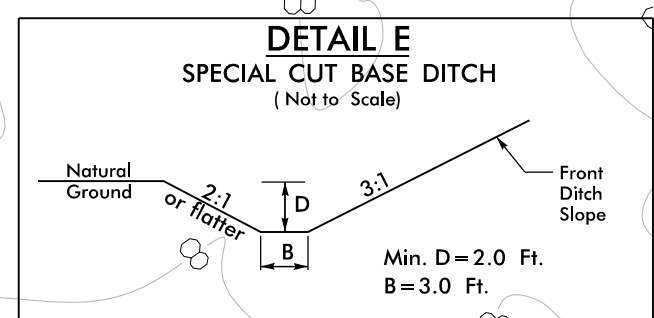
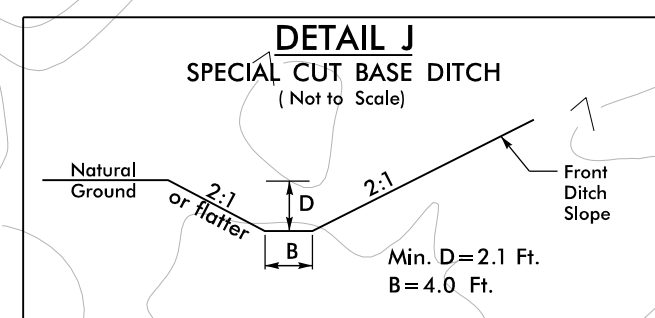
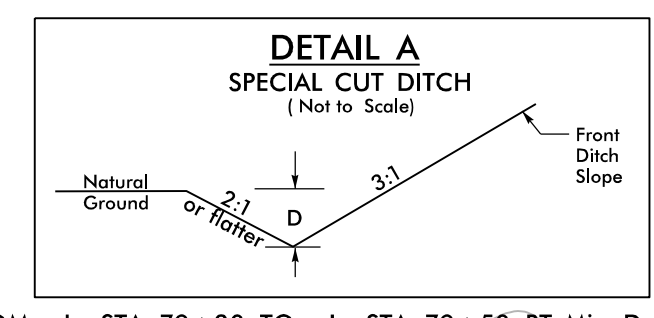
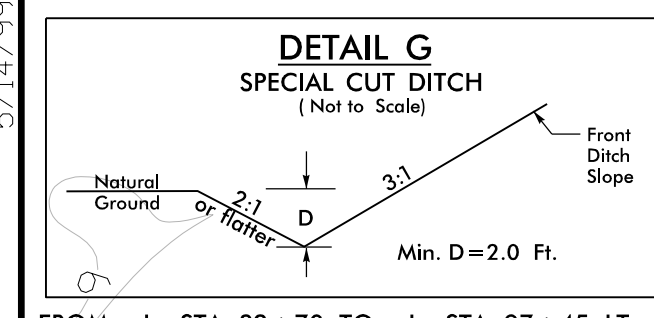
FROM -L- STA. 60+37 TO -L- STA. 72+50 LT



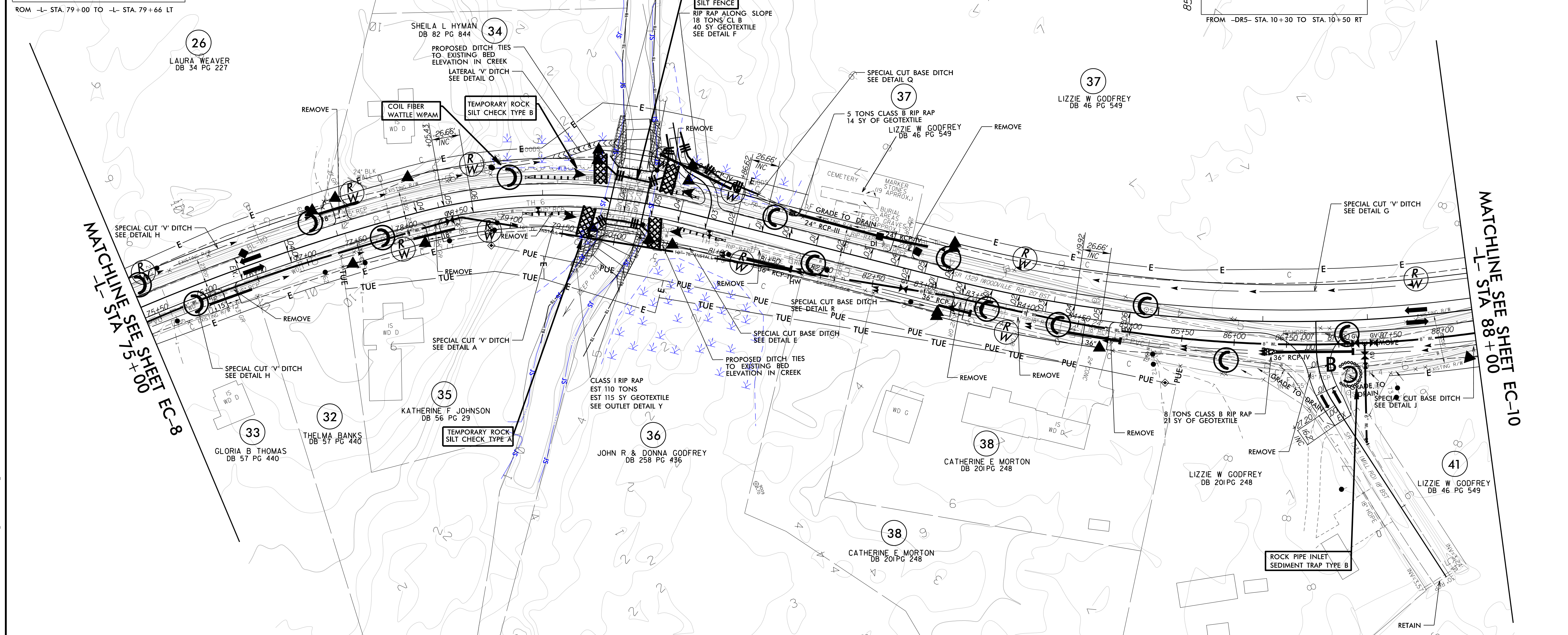
FROM -L- STA. 74+20 TO -L- STA. 79+30 LT

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 8

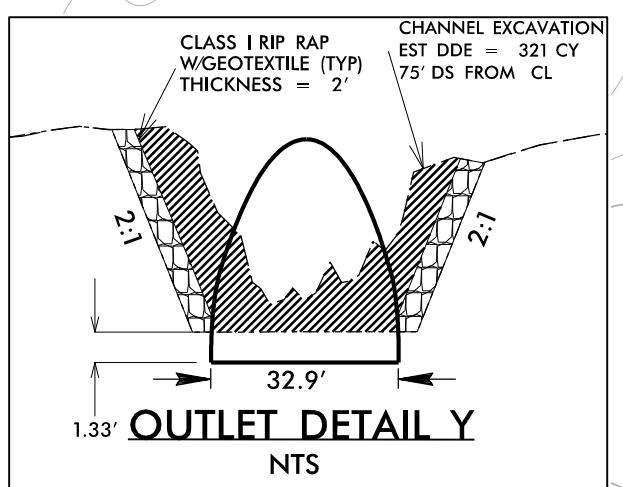
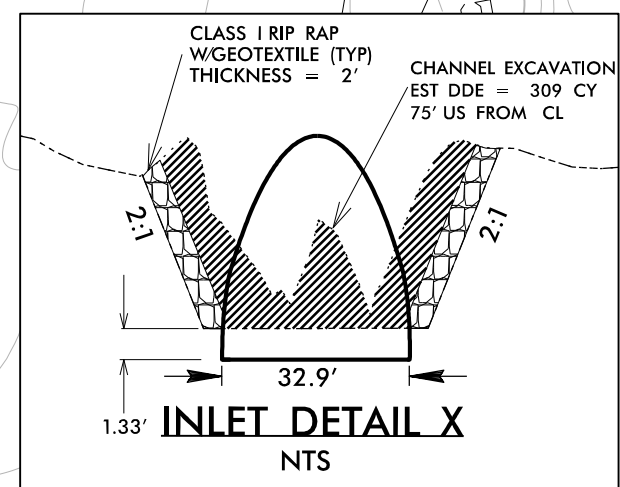


NOTE:
 1) GODFREY CEMETERY SIGN AND GRAVES NOT TO BE DISTURBED
 2) NO HEAVY EQUIPMENT BEYOND PROPOSED RW ON PARCEL 37



MATCHLINE SEE SHEET EC-8
 -L- STA. 5+00

MATCHLINE SEE SHEET EC-10
 -L- STA. 8+00

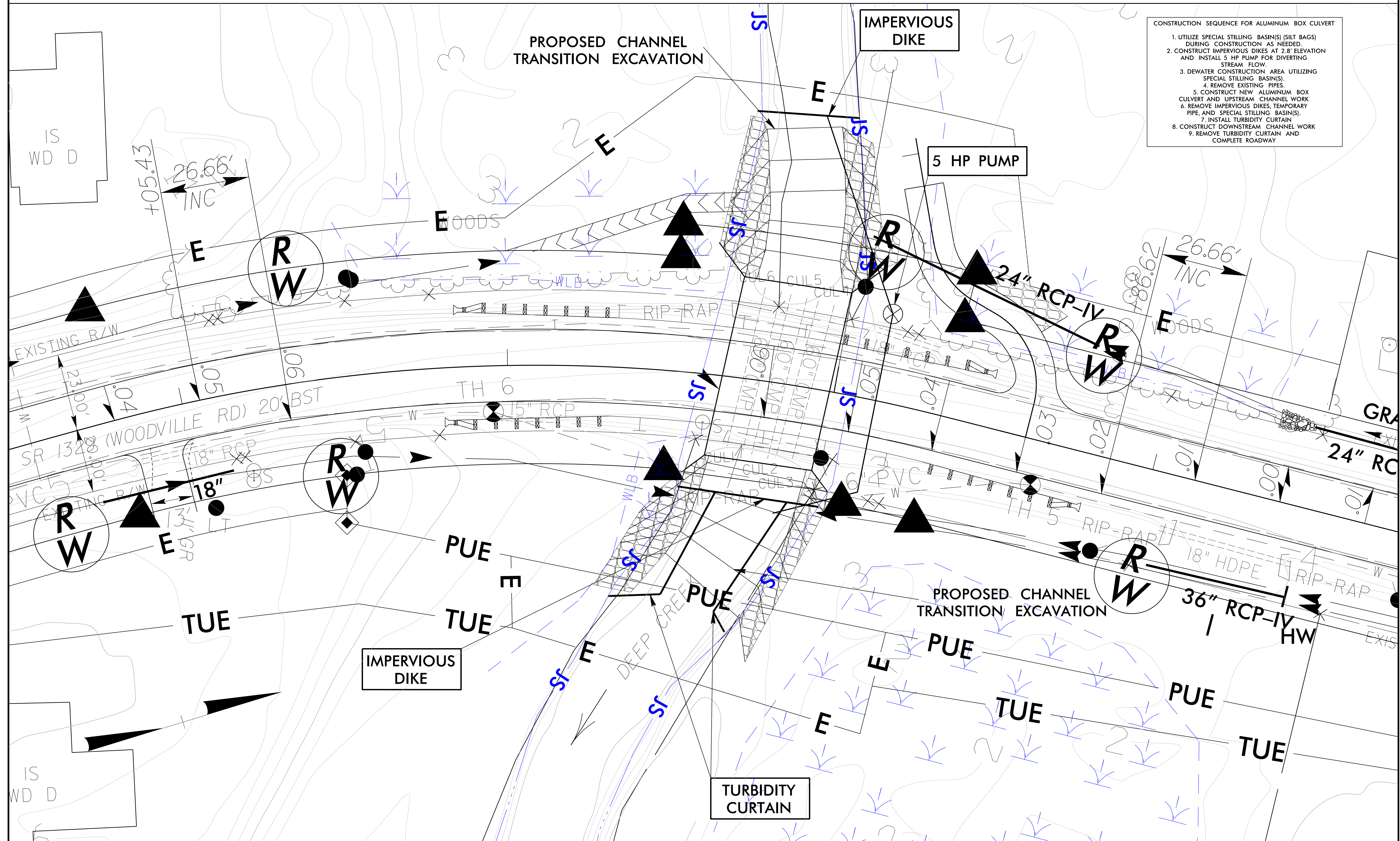


NOTE:
 PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 9

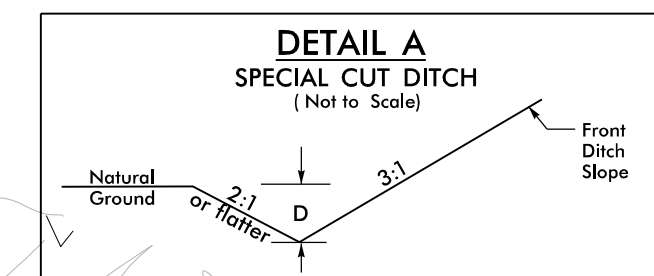
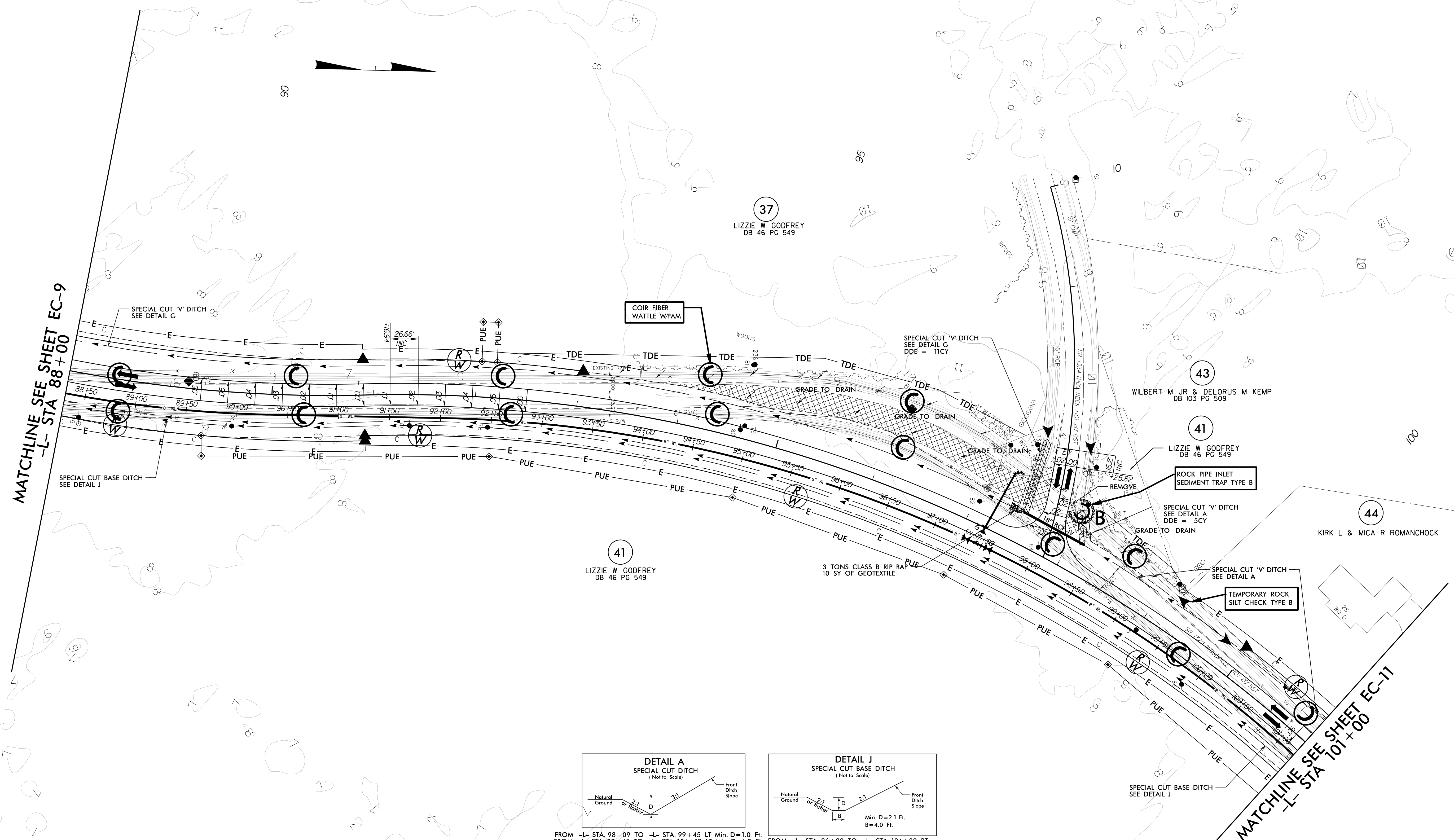
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CULVERT CONSTRUCTION SEQUENCE STA. 79+82.10 -L-

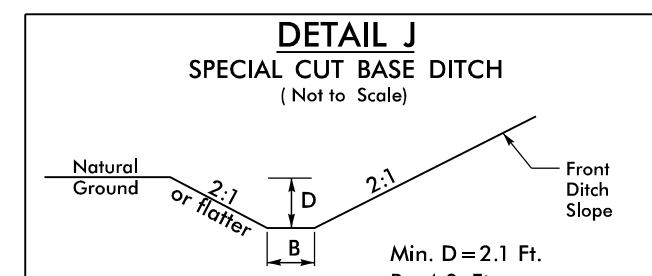


- CONSTRUCTION SEQUENCE FOR ALUMINUM BOX CULVERT**
1. UTILIZE SPECIAL STILLING BASIN(S) (SILT BAGS) DURING CONSTRUCTION AS NEEDED.
 2. CONSTRUCT IMPERVIOUS DIKES AT 2.8' ELEVATION AND INSTALL 5 HP PUMP FOR DIVERTING STREAM FLOW.
 3. DEWATER CONSTRUCTION AREA UTILIZING SPECIAL STILLING BASIN(S).
 4. REMOVE EXISTING PIPES.
 5. CONSTRUCT NEW ALUMINUM BOX CULVERT AND UPSTREAM CHANNEL WORK.
 6. REMOVE IMPERVIOUS DIKES, TEMPORARY PIPE, AND SPECIAL STILLING BASIN(S).
 7. INSTALL TURBIDITY CURTAIN.
 8. CONSTRUCT DOWNSTREAM CHANNEL WORK.
 9. REMOVE TURBIDITY CURTAIN AND COMPLETE ROADWAY.

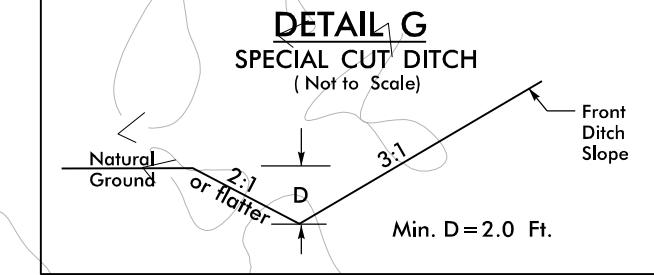
5/14/99
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 \$\$\$\$SUNSHINE\$\$\$\$



FROM -L- STA. 98+09 TO -L- STA. 99+45 LT. Min. D=1.0 Ft.
 FROM -L- STA. 99+45 TO -L- STA. 104+19 LT. Min. D=1.0 Ft.
 FROM -Y3- STA. 13+16 TO -Y3- STA. 13+47 LT. Min. D=1.0 Ft.



FROM -L- STA. 86+80 TO -L- STA. 104+30 RT

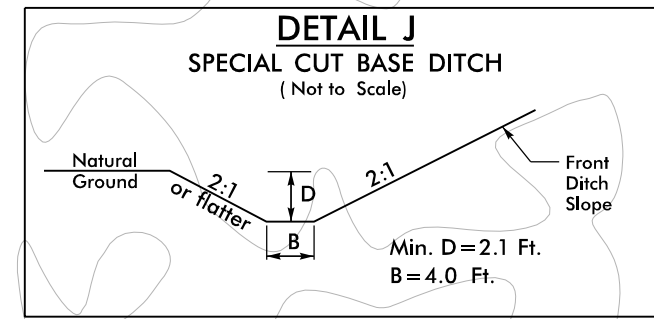
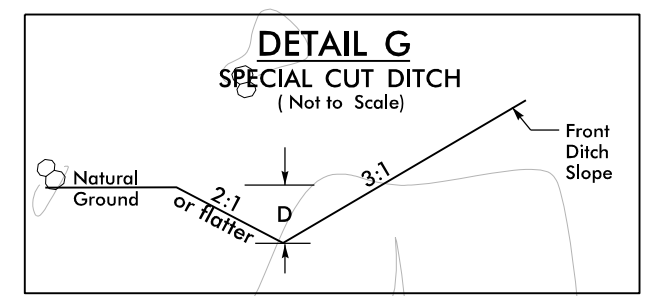
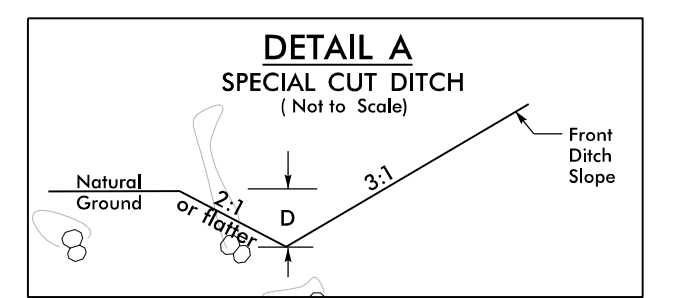
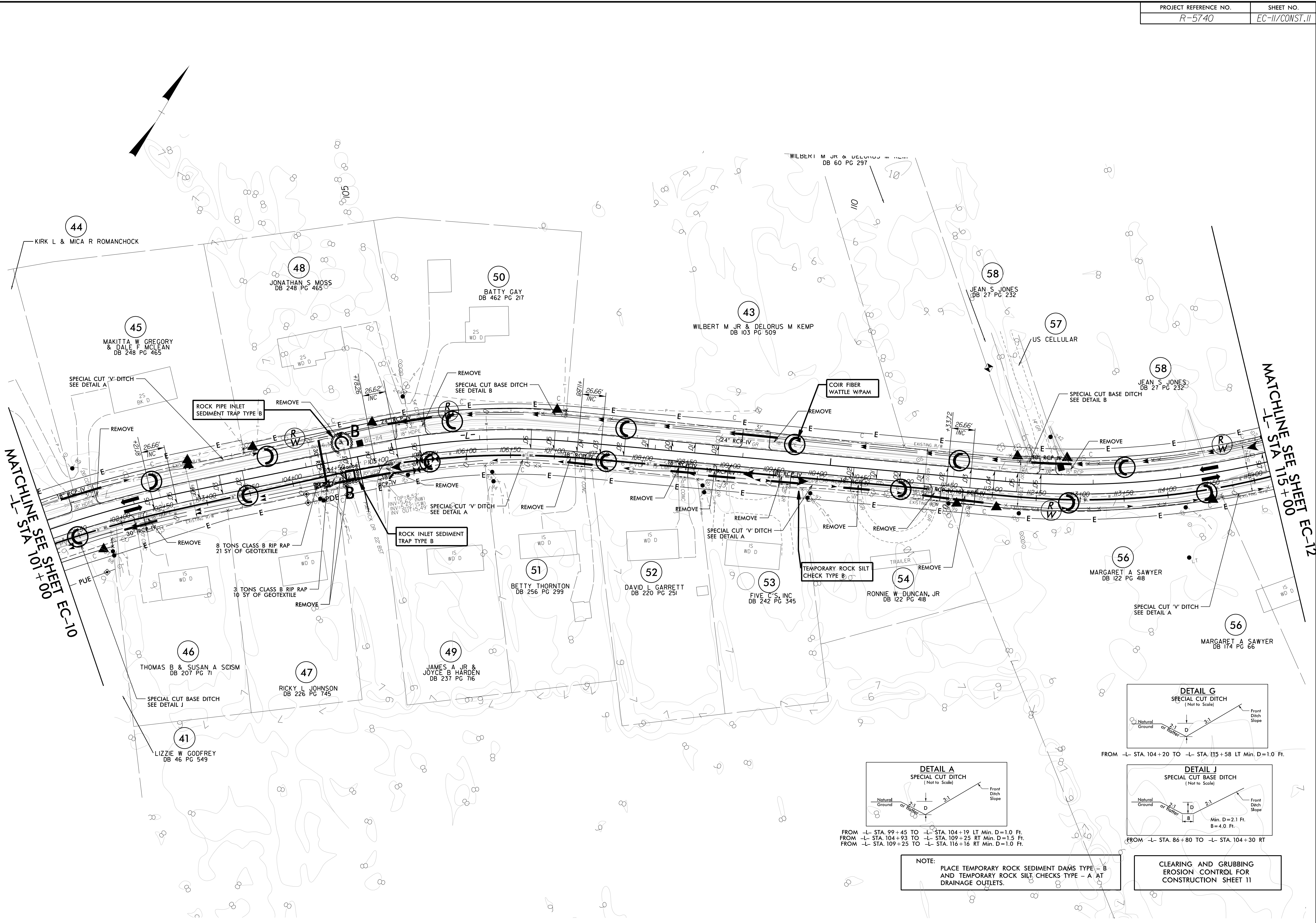


FROM -L- STA. 82+70 TO -L- STA. 97+45 LT
 FROM -Y3- STA. 12+60 TO -Y3- STA. 13+31 RT

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

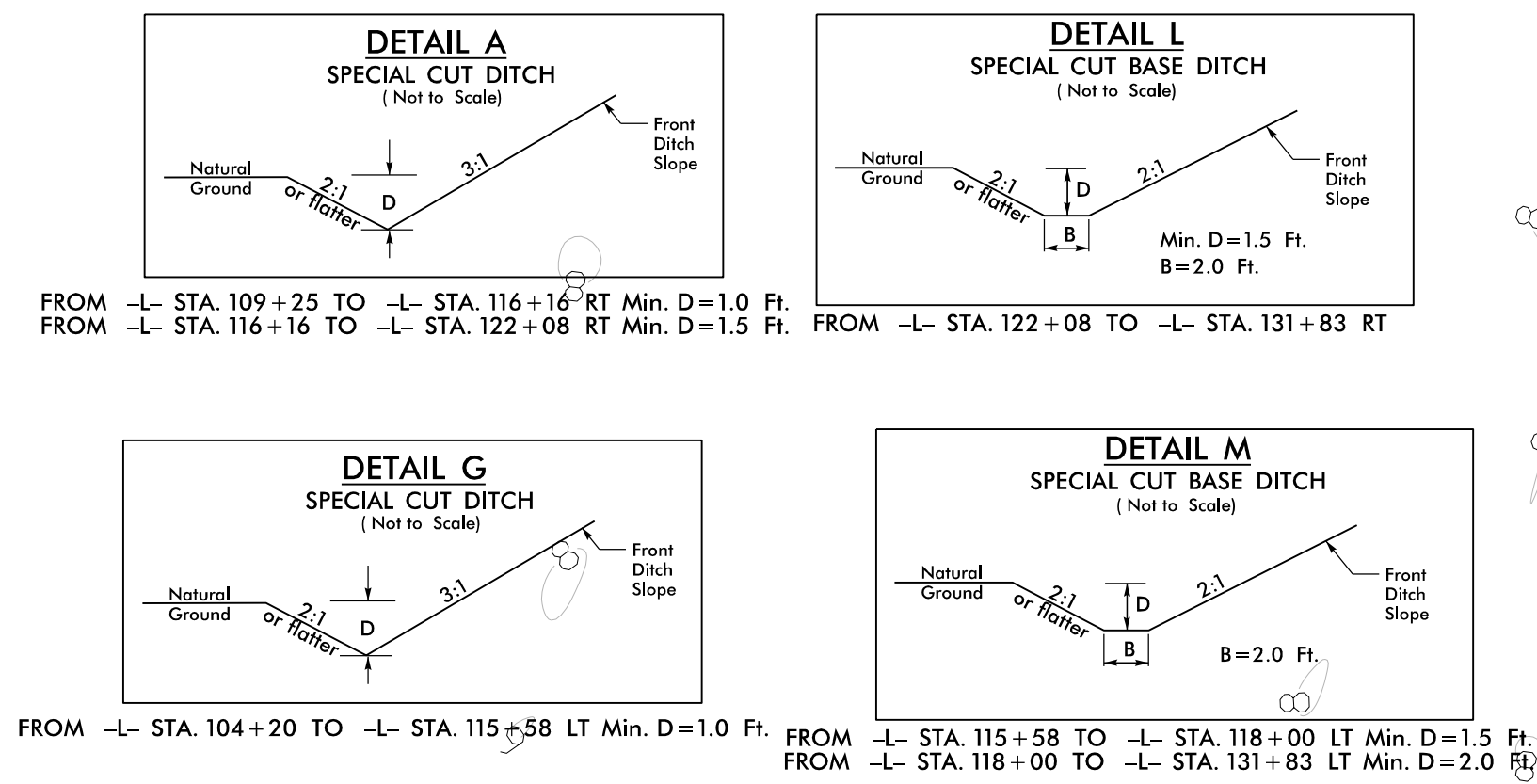
CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 10

5/14/99
 19 DEC 2016 09:51
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 \$\$\$\$SUN\$



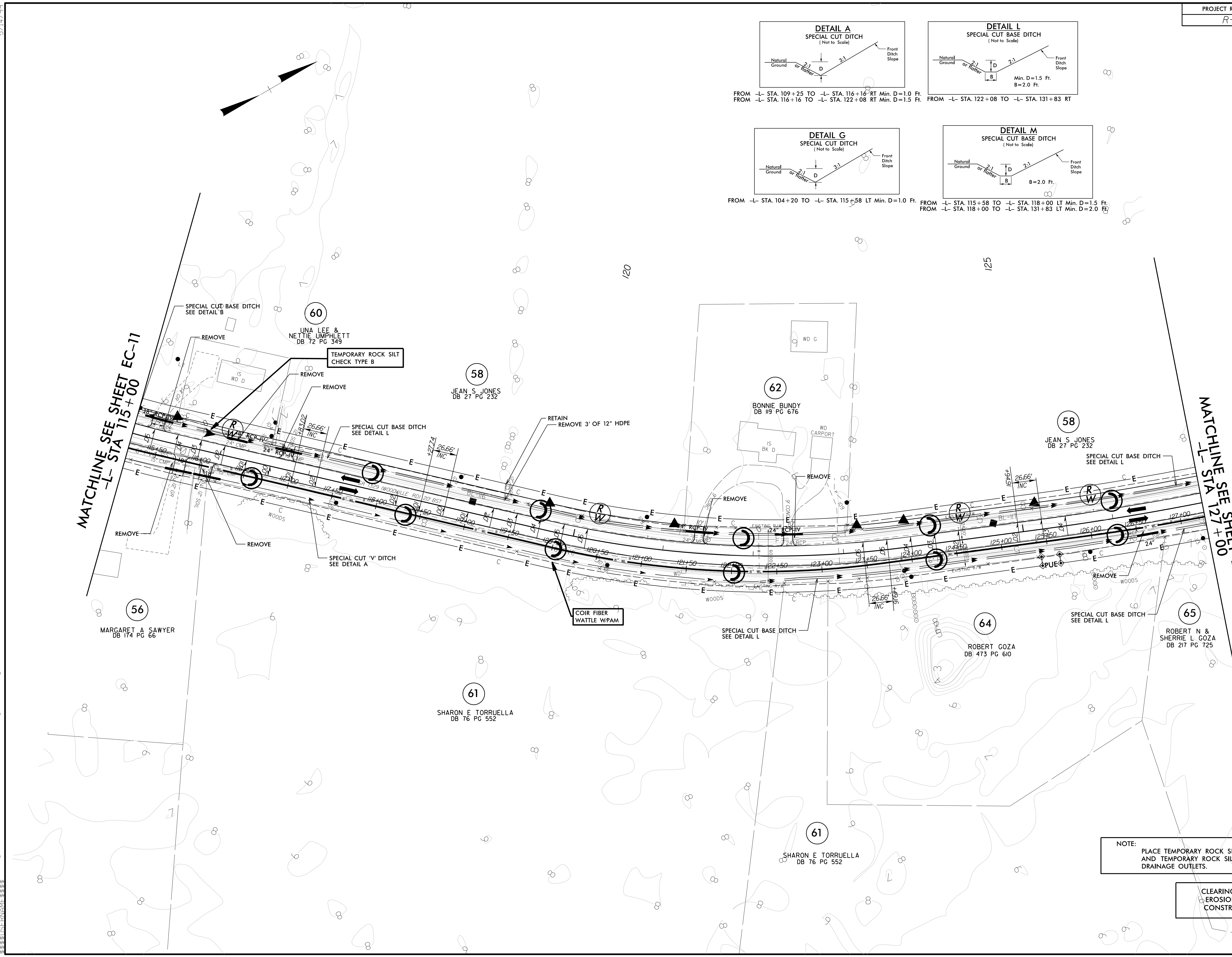
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 11



MATCHLINE SEE SHEET EC-11
-L- STA 115+00

MATCHLINE SEE SHEET EC-13
-L- STA 127+00

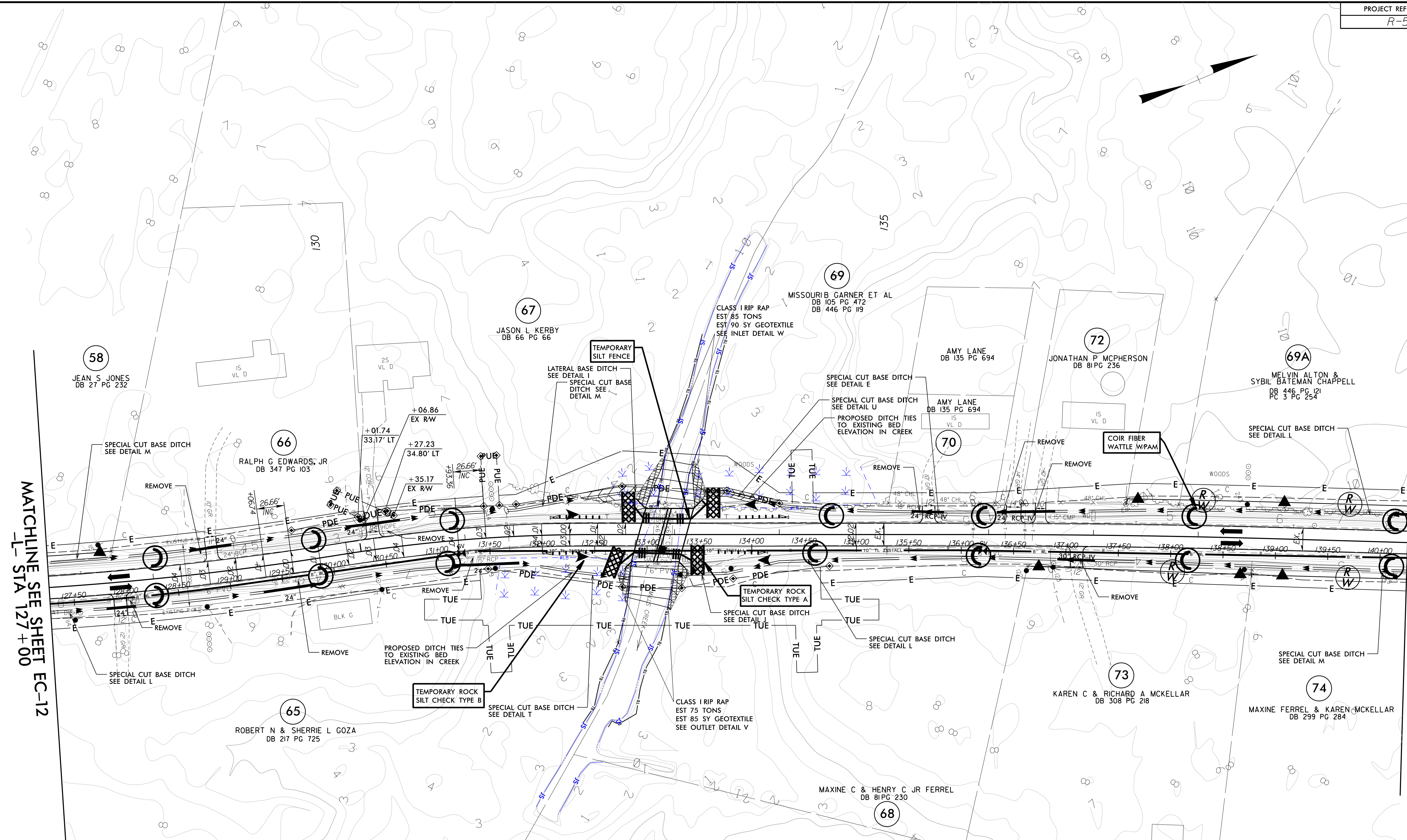


NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

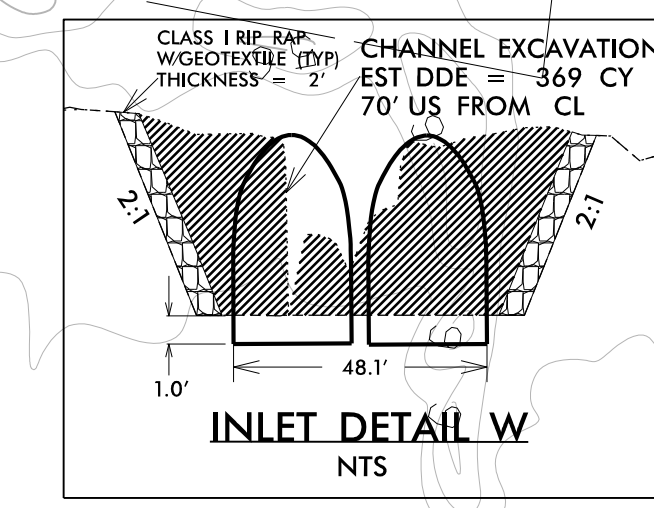
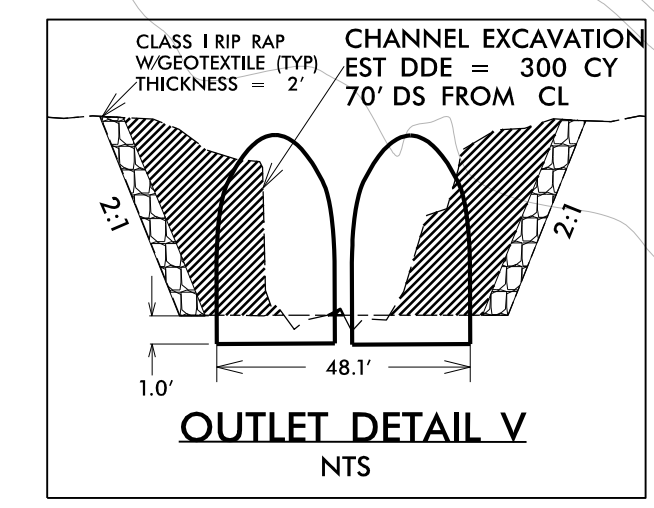
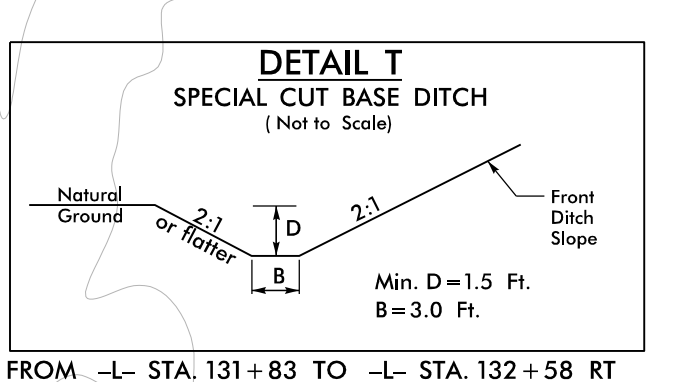
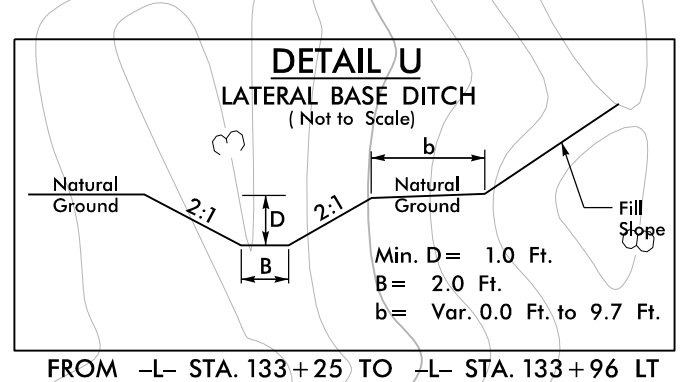
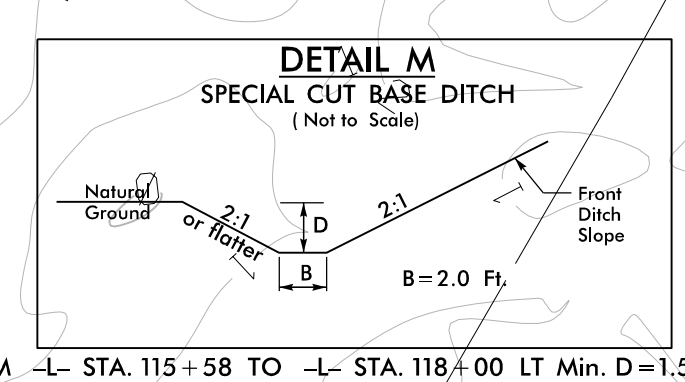
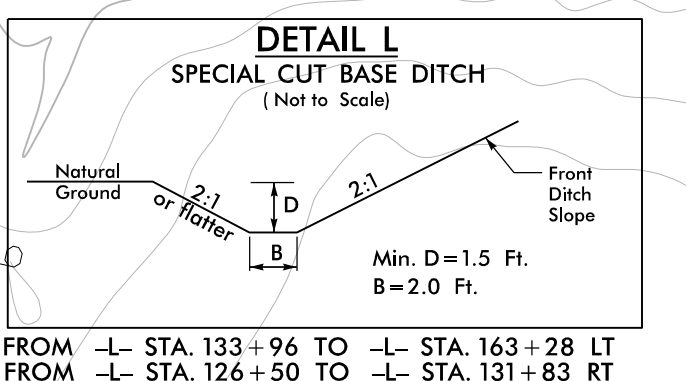
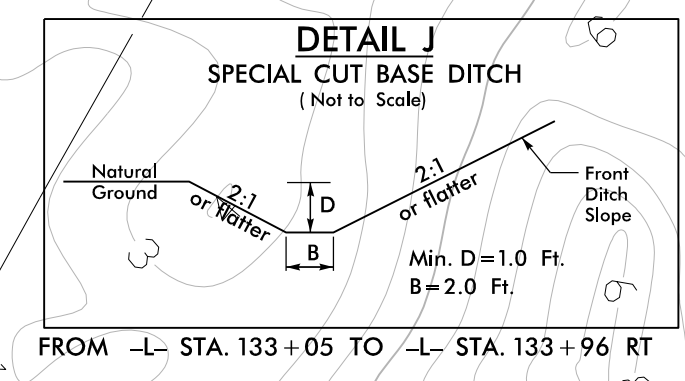
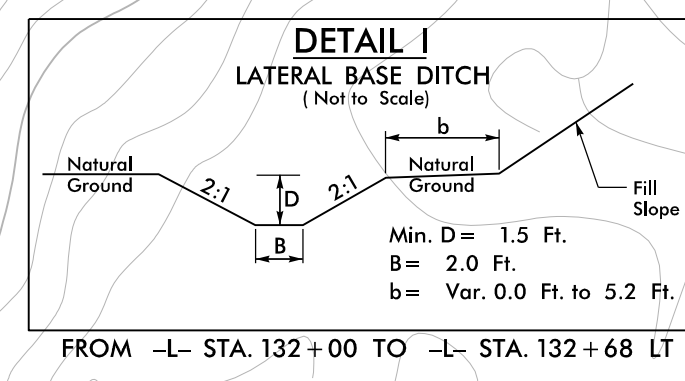
CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 12

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5/14/99
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 \$\$\$\$SUNRISE\$\$\$\$



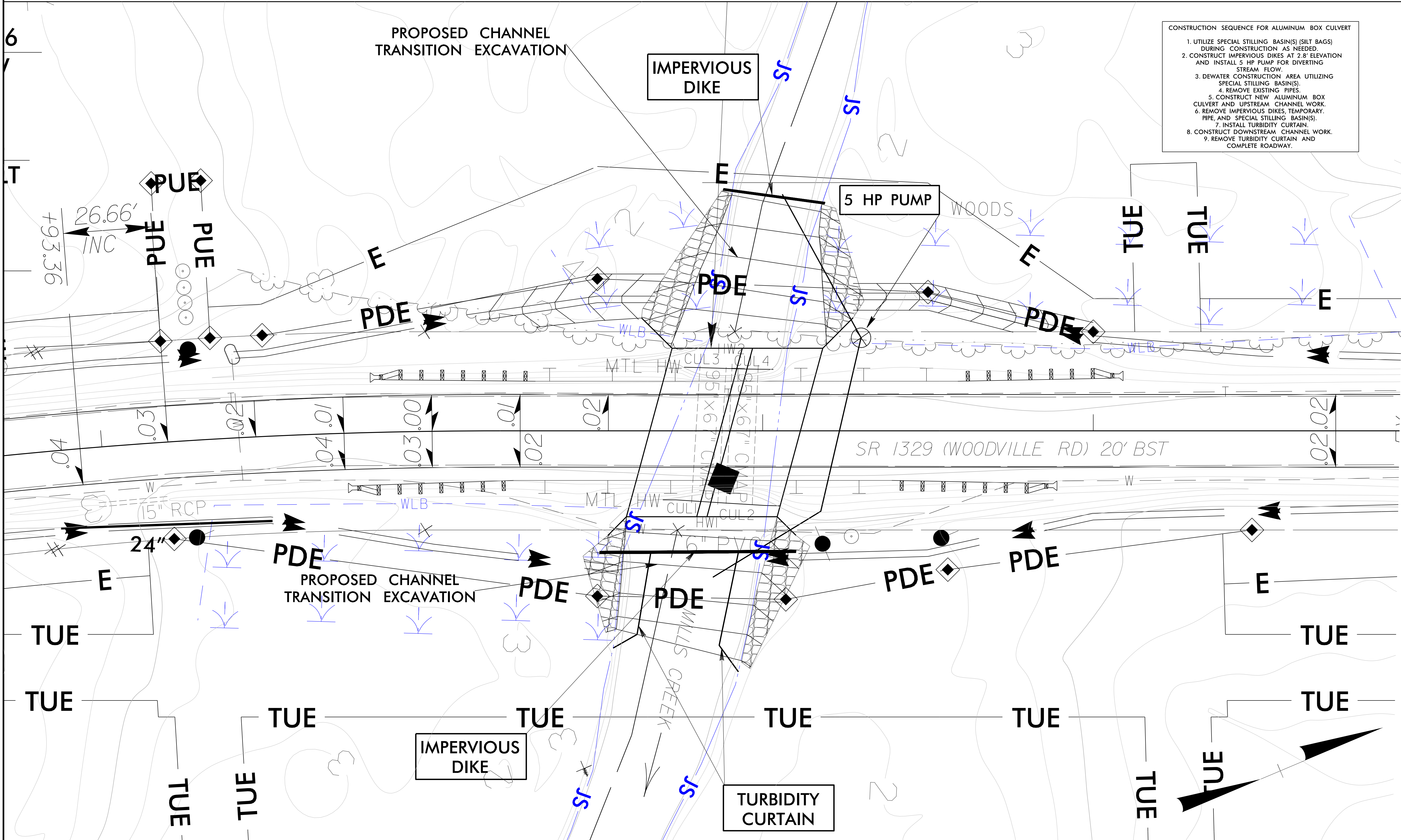
MATCHLINE SEE SHEET EC-14
-L- STA 140+00



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 13

CULVERT CONSTRUCTION SEQUENCE STA. 132+88.62 -L-

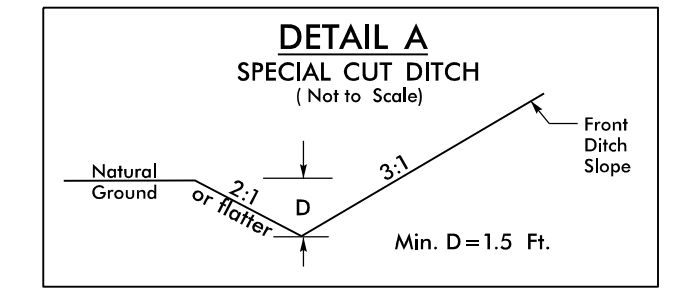
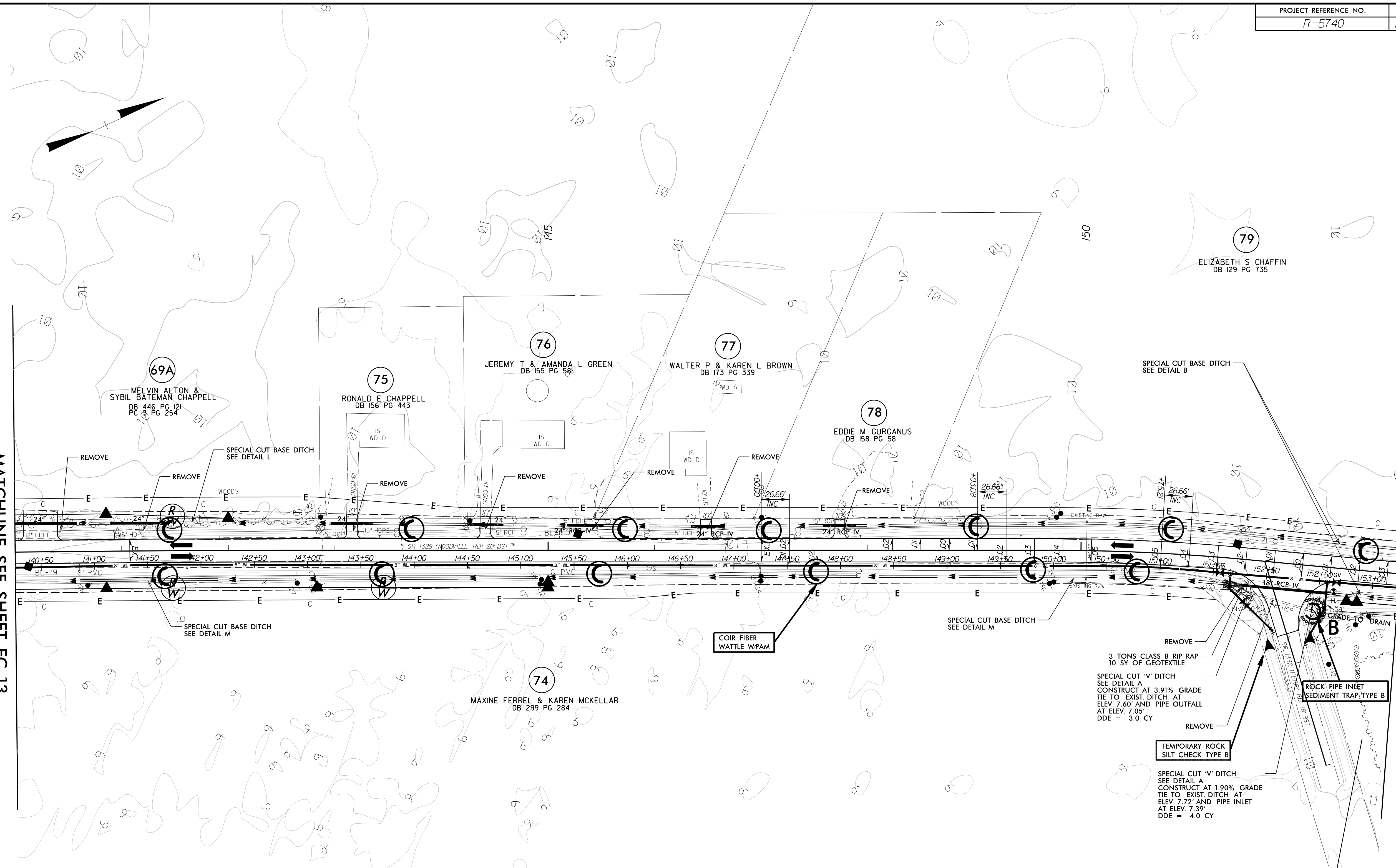


- CONSTRUCTION SEQUENCE FOR ALUMINUM BOX CULVERT**
1. UTILIZE SPECIAL STILLING BASIN(S) (SILT BAGS) DURING CONSTRUCTION AS NEEDED.
 2. CONSTRUCT IMPERVIOUS DIKES AT 2.8' ELEVATION AND INSTALL 5 HP PUMP FOR DIVERTING STREAM FLOW.
 3. DEWATER CONSTRUCTION AREA UTILIZING SPECIAL STILLING BASIN(S).
 4. REMOVE EXISTING PIPES.
 5. CONSTRUCT NEW ALUMINUM BOX CULVERT AND UPSTREAM CHANNEL WORK.
 6. REMOVE IMPERVIOUS DIKES, TEMPORARY PIPE, AND SPECIAL STILLING BASIN(S).
 7. INSTALL TURBIDITY CURTAIN.
 8. CONSTRUCT DOWNSTREAM CHANNEL WORK.
 9. REMOVE TURBIDITY CURTAIN AND COMPLETE ROADWAY.

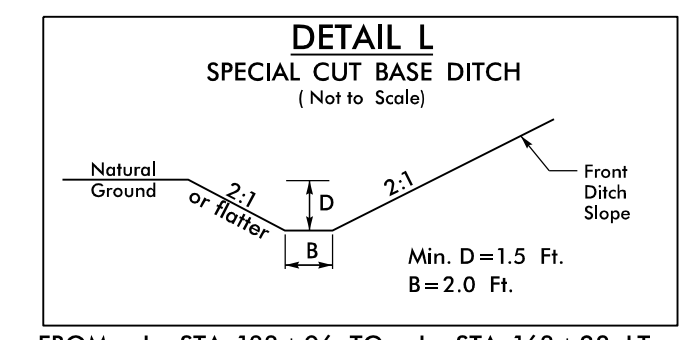
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 \$\$\$\$SUSAN RICHMOND\$\$\$\$

MATCHLINE SEE SHEET EC-13
 -L- STA 140+00

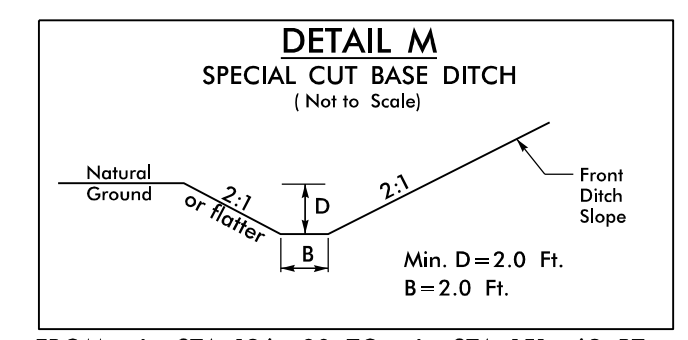
MATCHLINE SEE SHEET EC-15
 -L- STA 153+00



FROM -Y5- STA. 10+45 TO -Y5- STA. 10+61 LT Min. D=1.0 Ft.
 FROM -Y5- STA. 10+15 TO -Y5- STA. 10+25 RT Min. D=1.0 Ft.



FROM -L- STA. 133+96 TO -L- STA. 163+28 LT
 FROM -L- STA. 152+22 TO -L- STA. 161+71 RT



FROM -L- STA. 136+00 TO -L- STA. 151+63 RT

REMOVE
 3 TONS CLASS B RIP RAP
 10 SY OF GEOTEXTILE
 SPECIAL CUT 'V' DITCH
 SEE DETAIL A
 CONSTRUCT AT 3.91% GRADE
 TIE TO EXIST. DITCH AT
 ELEV. 7.60' AND PIPE OUTFALL
 AT ELEV. 7.05'
 DDE = 3.0 CY
 REMOVE
 TEMPORARY ROCK
 SILT CHECK TYPE B
 REMOVE
 SPECIAL CUT 'V' DITCH
 SEE DETAIL A
 CONSTRUCT AT 1.90% GRADE
 TIE TO EXIST. DITCH AT
 ELEV. 7.72' AND PIPE INLET
 AT ELEV. 7.39'
 DDE = 4.0 CY

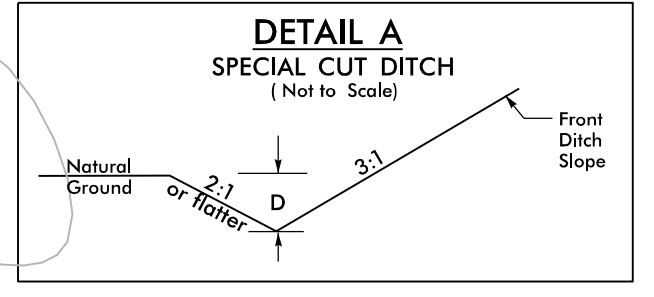
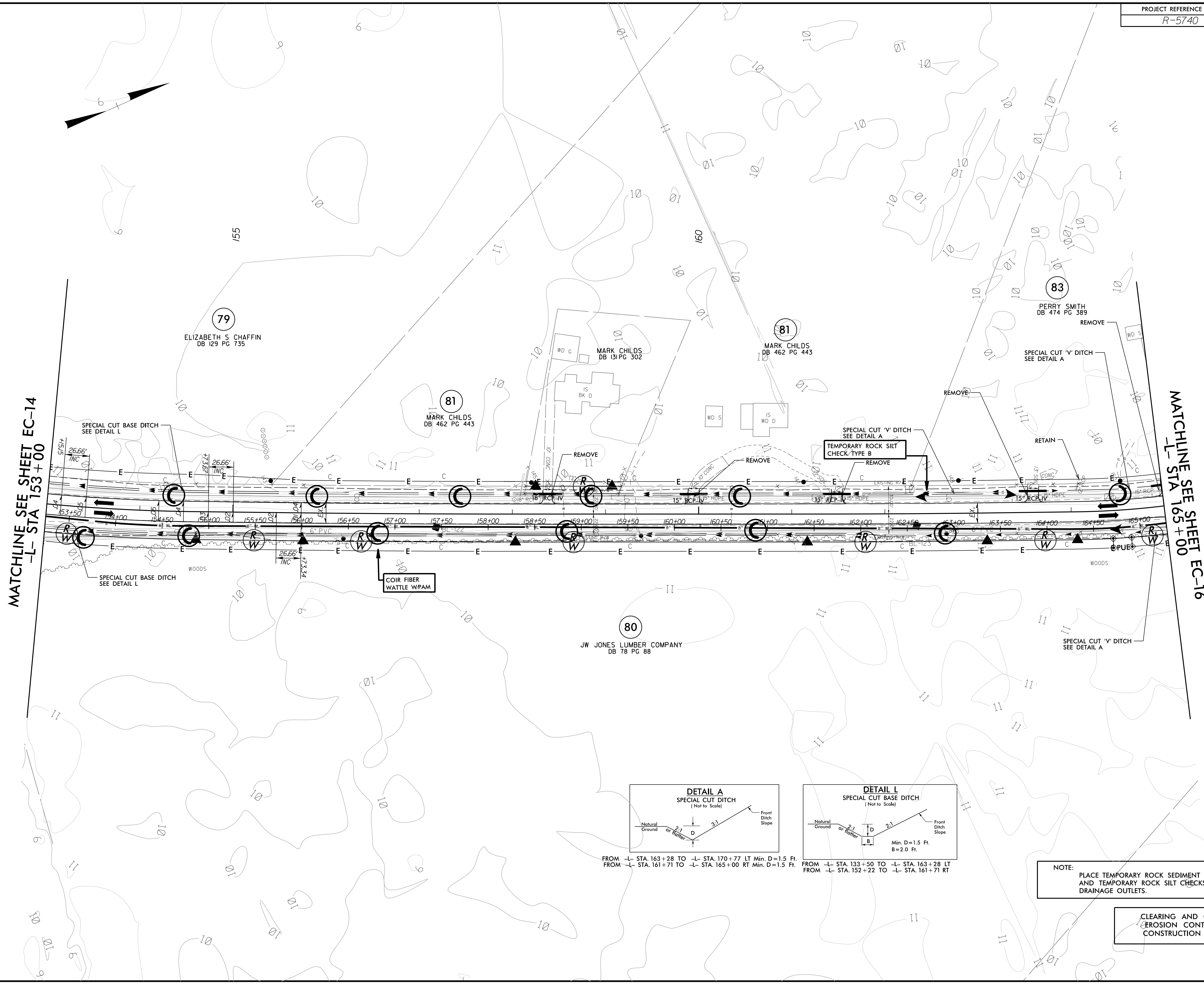
NOTE:
 PLACE TEMPORARY ROCK
 SEDIMENT DAMS TYPE - B
 AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
 DRAINAGE OUTLETS.

CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 14

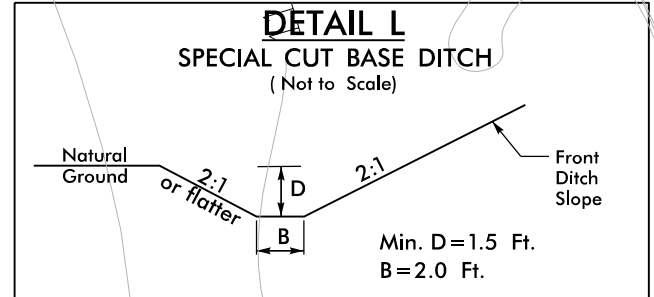
5/14/99
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 P:\N\CD01\15-DEC-2016\09-22-16\Hydr-eul\15.dgn
 \$\$\$\$\$\$

MATCHLINE SEE SHEET EC-14
 -L- STA 153+00

MATCHLINE SEE SHEET EC-16
 -L- STA 165+00



FROM -L- STA. 163+28 TO -L- STA. 170+77 LT Min. D=1.5 Ft.
 FROM -L- STA. 161+71 TO -L- STA. 165+00 RT Min. D=1.5 Ft.

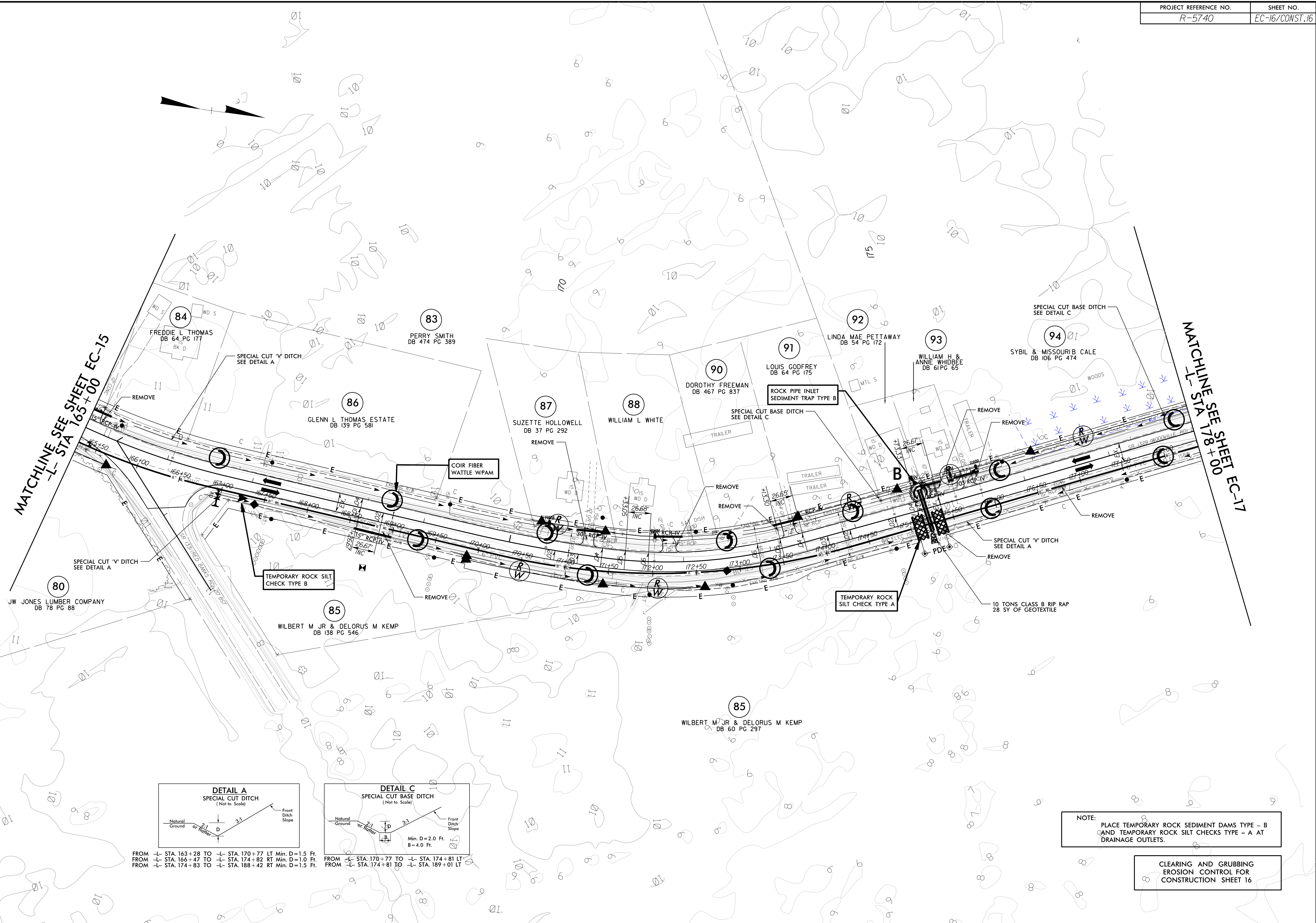


FROM -L- STA. 133+50 TO -L- STA. 163+28 LT
 FROM -L- STA. 152+22 TO -L- STA. 161+71 RT

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

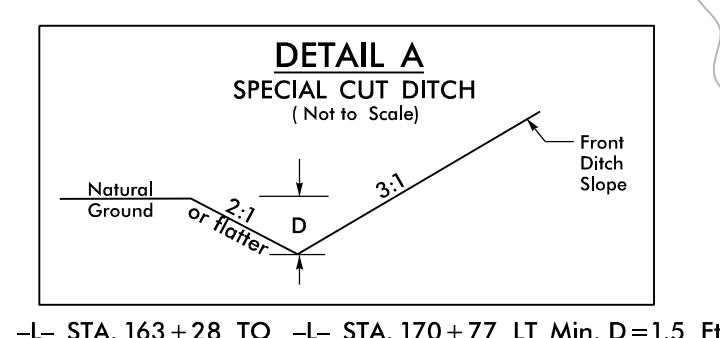
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 15

5/14/99
 19 DEC 2016 09:48
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 \$\$\$SUNDRIVE\$\$\$

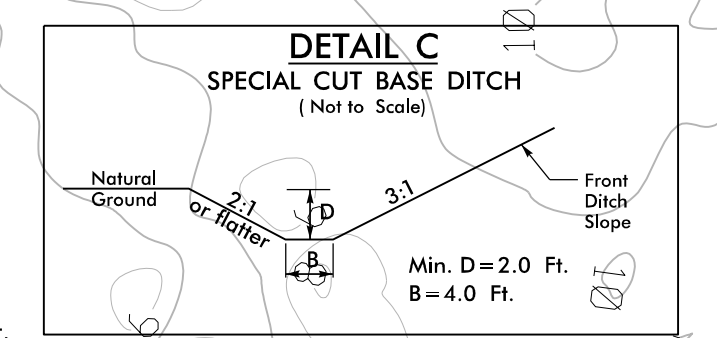


MATCHLINE SEE SHEET EC-15
 L- STA 165+00

MATCHLINE SEE SHEET EC-17
 L- STA 178+00



FROM L- STA. 163+28 TO L- STA. 170+77 LT Min. D=1.5 Ft.
 FROM L- STA. 166+47 TO L- STA. 174+82 RT Min. D=1.0 Ft.
 FROM L- STA. 174+83 TO L- STA. 188+42 RT Min. D=1.5 Ft.



FROM L- STA. 170+77 TO L- STA. 174+81 LT
 FROM L- STA. 174+81 TO L- STA. 189+01 LT
 Min. D=2.0 Ft.
 B=4.0 Ft.

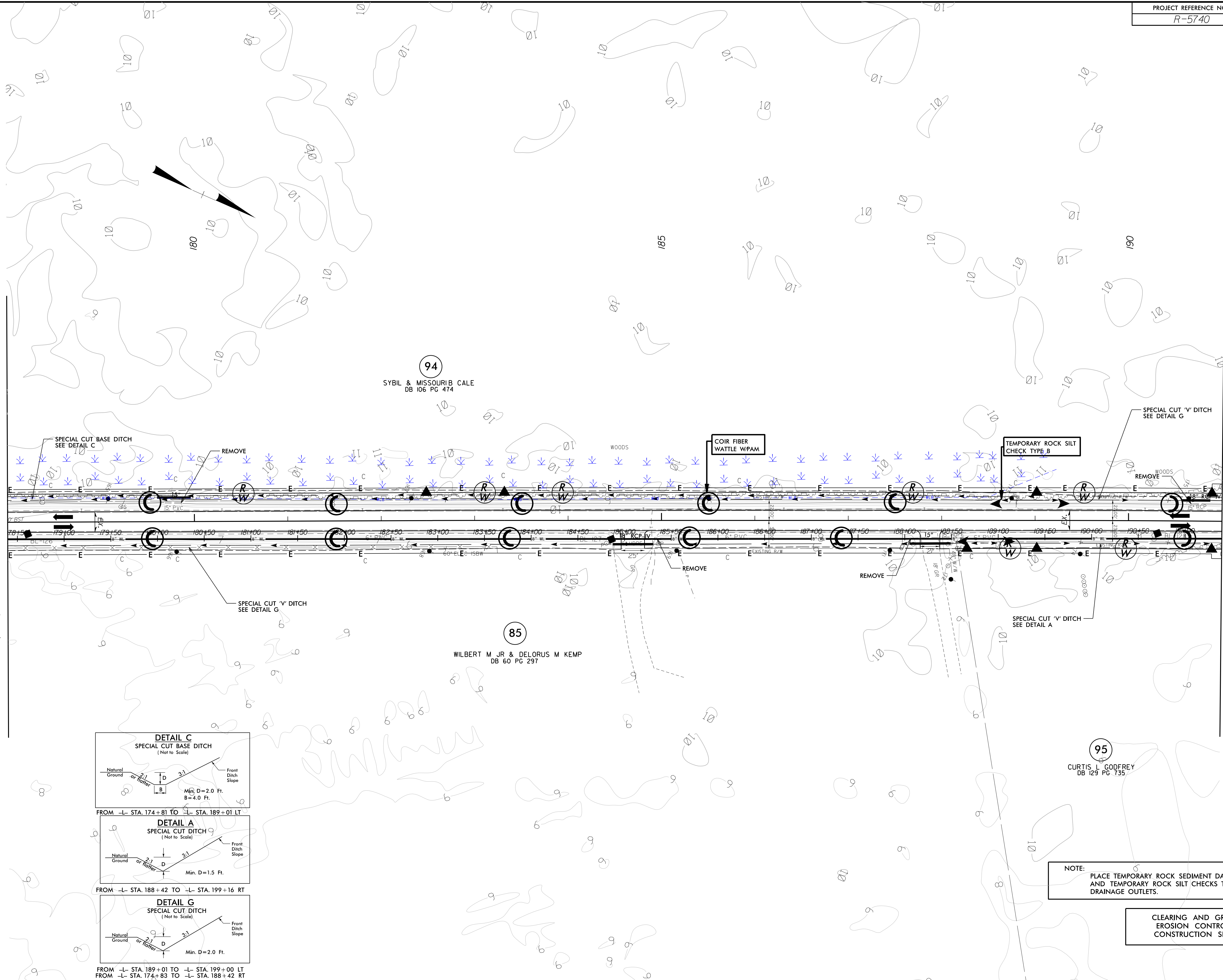
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 16

5/14/99
 19 DEC 2016 09:33
 \\N:\CADD\1740\Hydr-eul\1740\PSHA.E&S.CAR5740.rdy.PSH.17.dgn

MATCHLINE SEE SHEET EC-16
 -L- STA 178+00

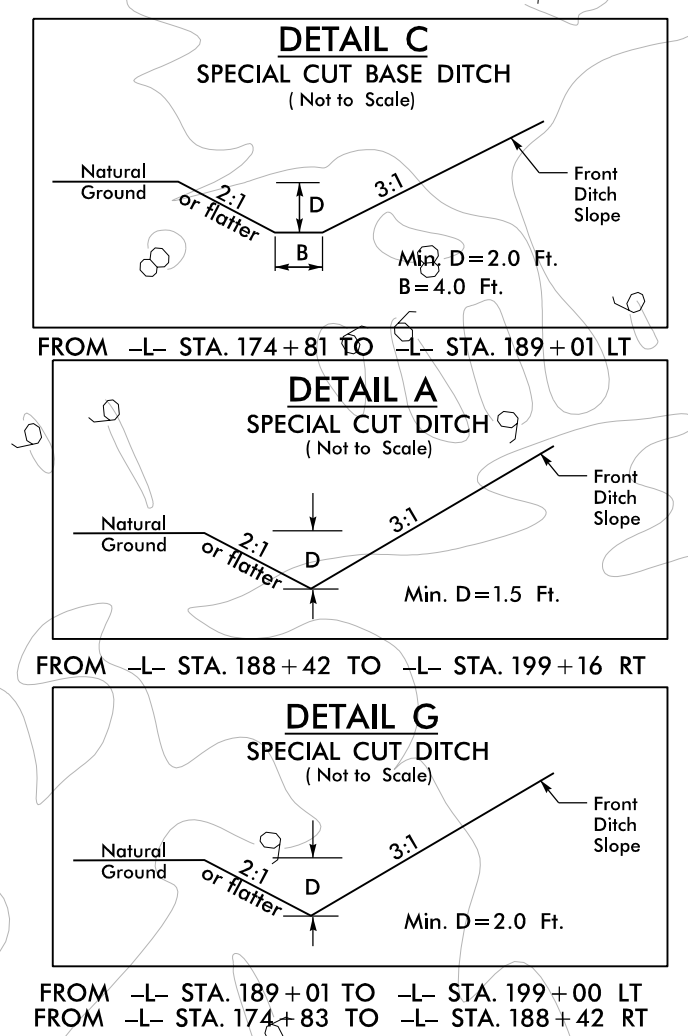
MATCHLINE SEE SHEET EC-18
 -L- STA 191+00



94
 SYBIL & MISSOURI CALE
 DB 106 PG 474

85
 WILBERT M. JR & DELORUS M KEMP
 DB 60 PG 297

95
 CURTIS L GODFREY
 DB 129 PG 735



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 17

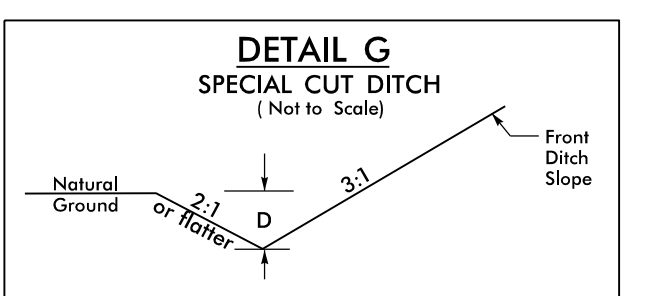
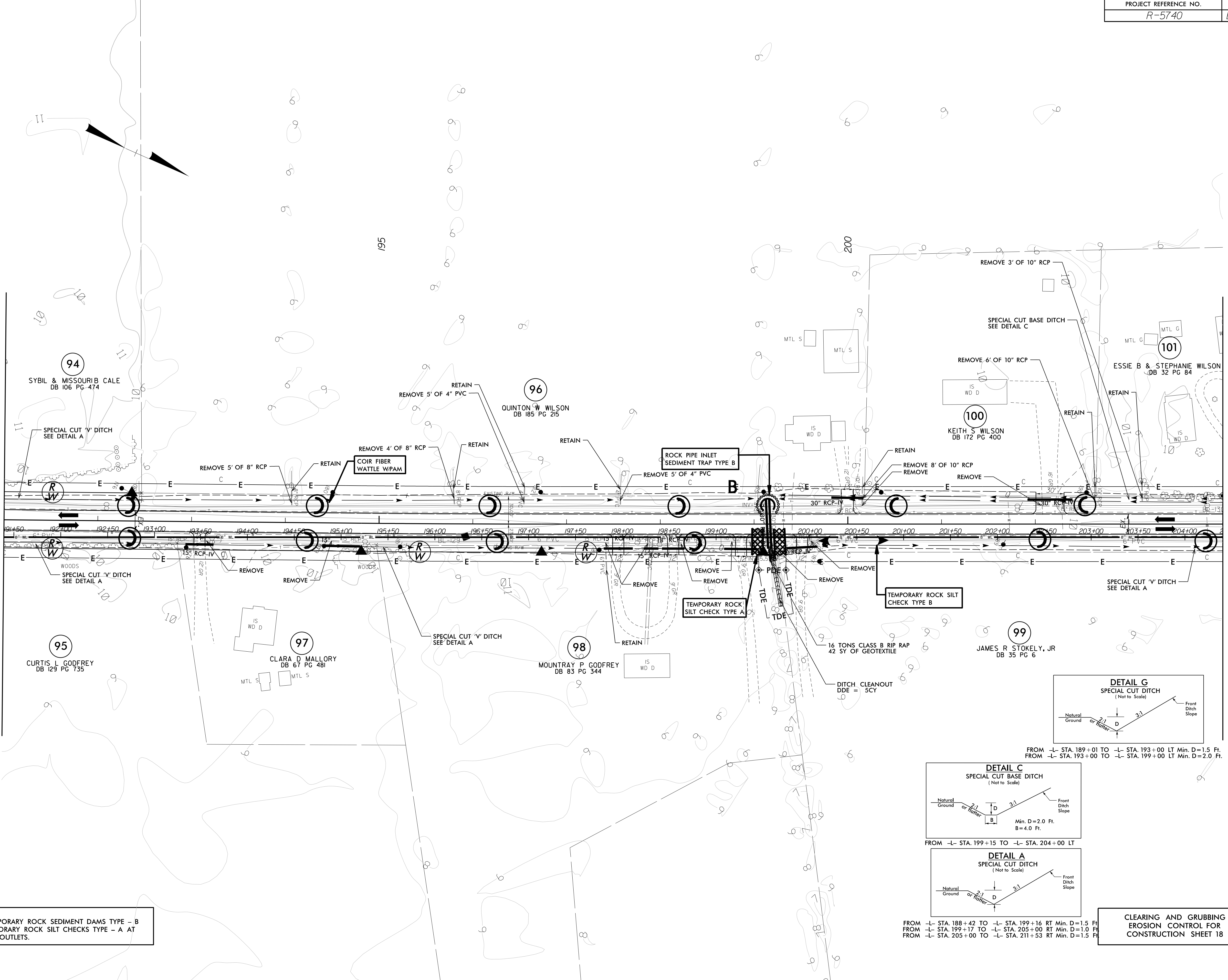
5/14/99
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 \$\$\$SUN\$FRONT\$18.00

MATCHLINE SEE SHEET EC-17
-L- STA 191+00

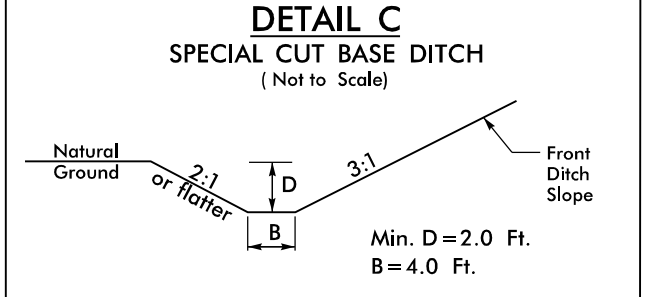
MATCHLINE SEE SHEET EC-19
-L- STA 204+00

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

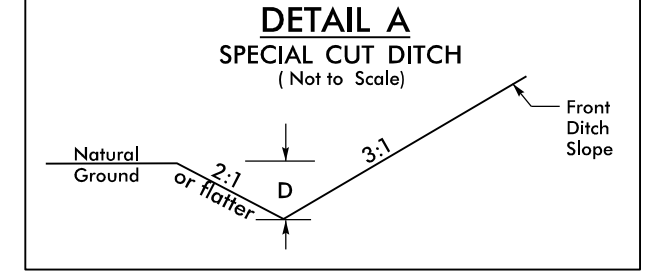
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 18



FROM -L- STA. 189+01 TO -L- STA. 193+00 LT Min. D=1.5 Ft.
FROM -L- STA. 193+00 TO -L- STA. 199+00 LT Min. D=2.0 Ft.

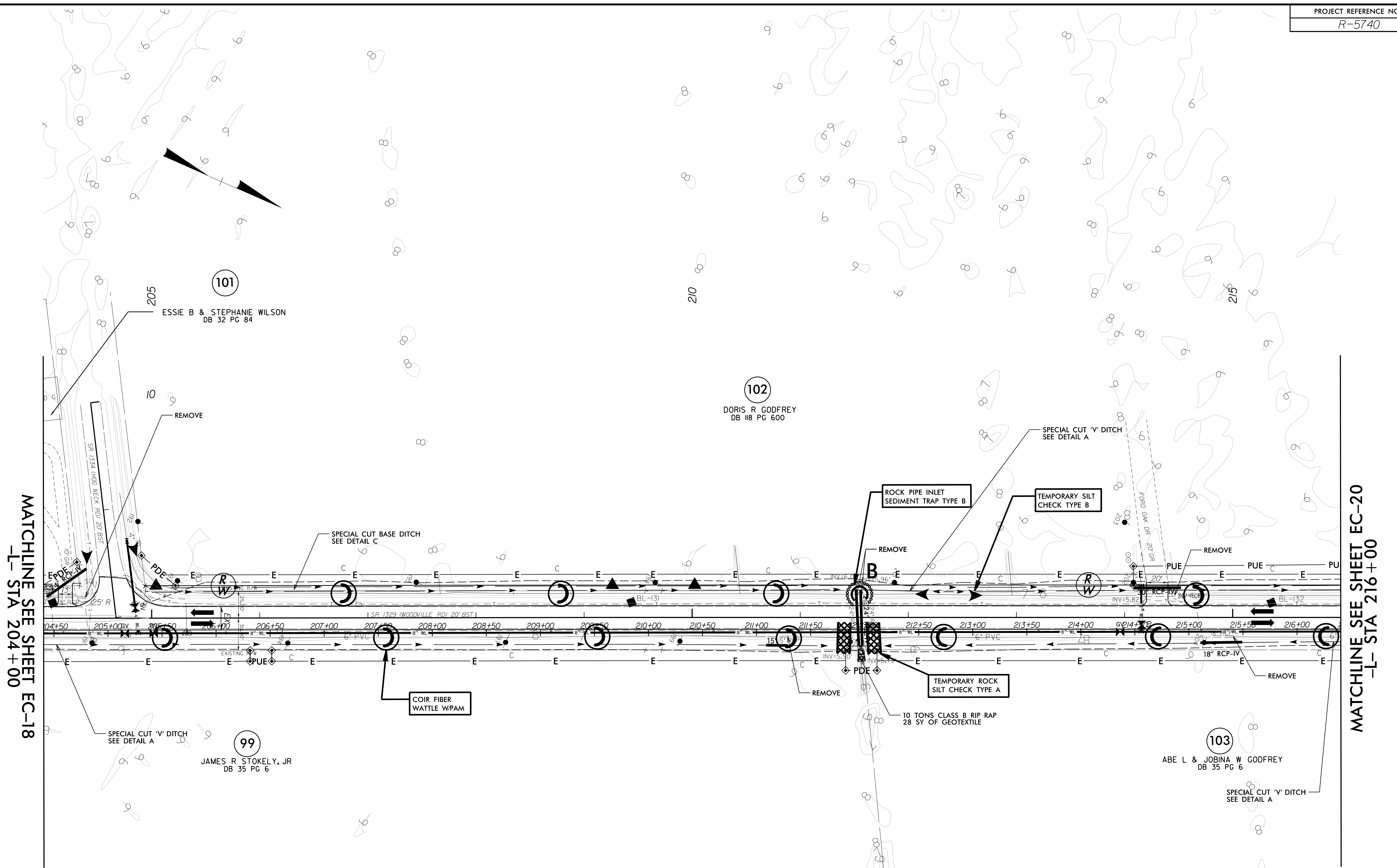


FROM -L- STA. 199+15 TO -L- STA. 204+00 LT
Min. D=2.0 Ft.
B=4.0 Ft.



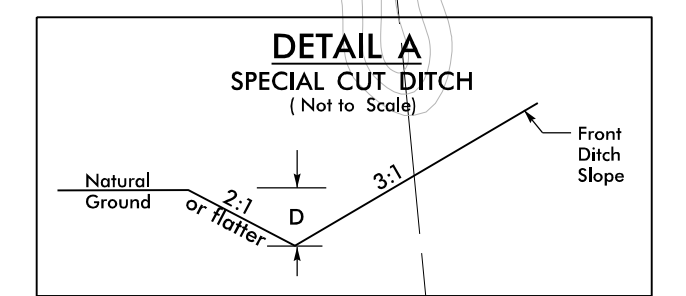
FROM -L- STA. 188+42 TO -L- STA. 199+16 RT Min. D=1.5 Ft.
FROM -L- STA. 199+17 TO -L- STA. 205+00 RT Min. D=1.0 Ft.
FROM -L- STA. 205+00 TO -L- STA. 211+53 RT Min. D=1.5 Ft.

5/14/99
 I:\DEC-2019\09-23\19-00001\19-DEC-2019\19-00001\19-00001.dgn
 C:\ADD\PSHA\SCAR5740.rdy.PSH.19.dgn
 \$\$\$\$SUSAN RICHMOND\$\$\$\$

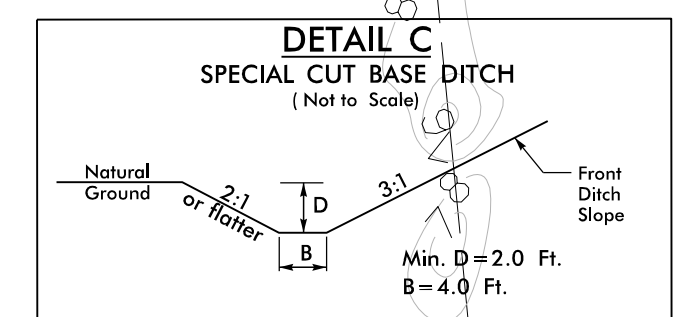


MATCHLINE SEE SHEET EC-18
-L- STA 204+00

MATCHLINE SEE SHEET EC-20
-L- STA 216+00



FROM -L- STA. 199+17 TO -L- STA. 205+00 RT Min. D=1.0 Ft.
 FROM -L- STA. 205+00 TO -L- STA. 211+58 RT Min. D=1.5 Ft.
 FROM -L- STA. 211+58 TO -L- STA. 212+37 LT Min. D=1.5 Ft.
 FROM -L- STA. 211+59 TO -L- STA. 217+40 RT Min. D=1.0 Ft.



FROM -L- STA. 205+04 TO -L- STA. 211+51 LT
 FROM -L- STA. 212+37 TO -L- STA. 219+21 LT

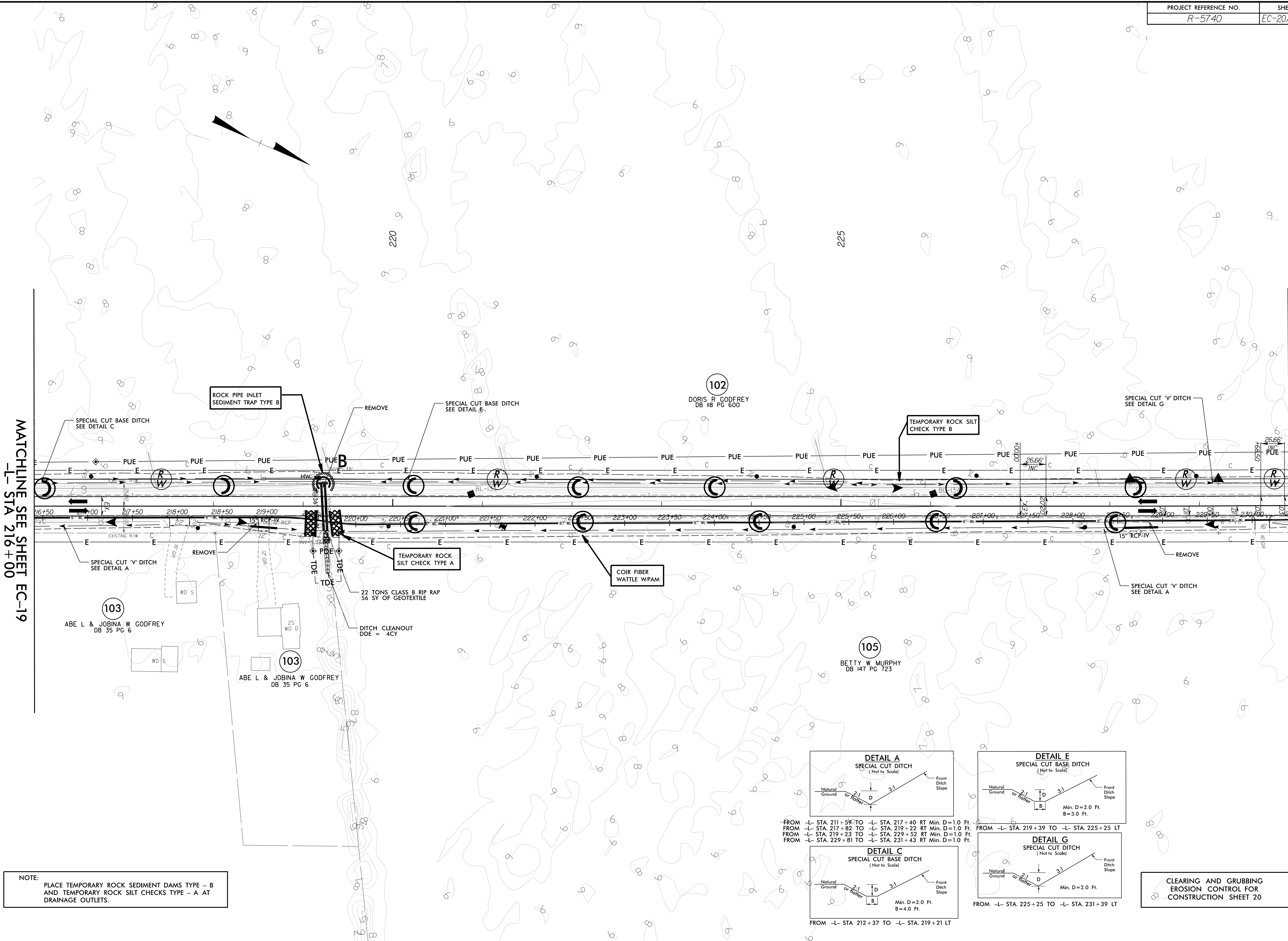
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 19

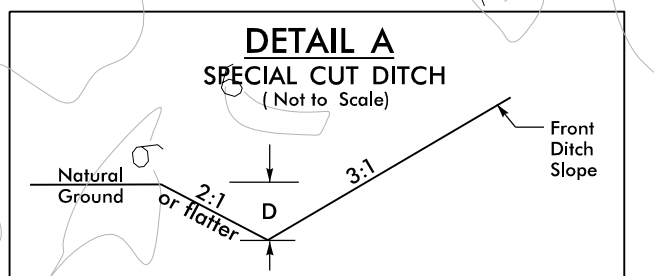
19 DEC 2016 09:34 \\NCDOT\apps\Hydro\autocad\CADD\PSHA\EC&SC\R5740_rdy_PSH_20.dgn
 \$\$\$\$SUSAN RICHARDS\$\$\$\$

MATCHLINE SEE SHEET EC-19
 -L- STA 216+00

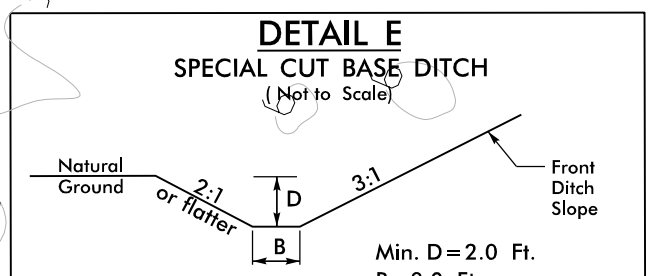
MATCHLINE SEE SHEET EC-21
 -L- STA 230+00



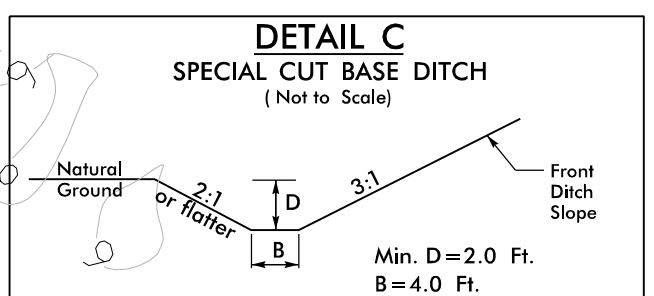
NOTE:
 PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
 AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
 DRAINAGE OUTLETS.



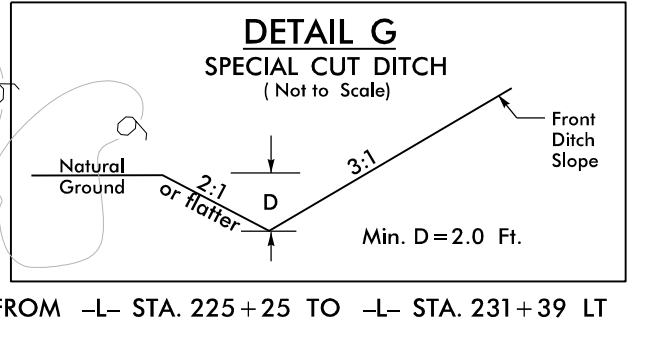
FROM -L- STA. 211+59 TO -L- STA. 217+40 RT Min. D=1.0 Ft.
 FROM -L- STA. 217+82 TO -L- STA. 219+22 RT Min. D=1.0 Ft.
 FROM -L- STA. 219+23 TO -L- STA. 229+52 RT Min. D=1.0 Ft.
 FROM -L- STA. 229+81 TO -L- STA. 231+43 RT Min. D=1.0 Ft.



FROM -L- STA. 219+39 TO -L- STA. 225+25 LT



FROM -L- STA. 212+37 TO -L- STA. 219+21 LT

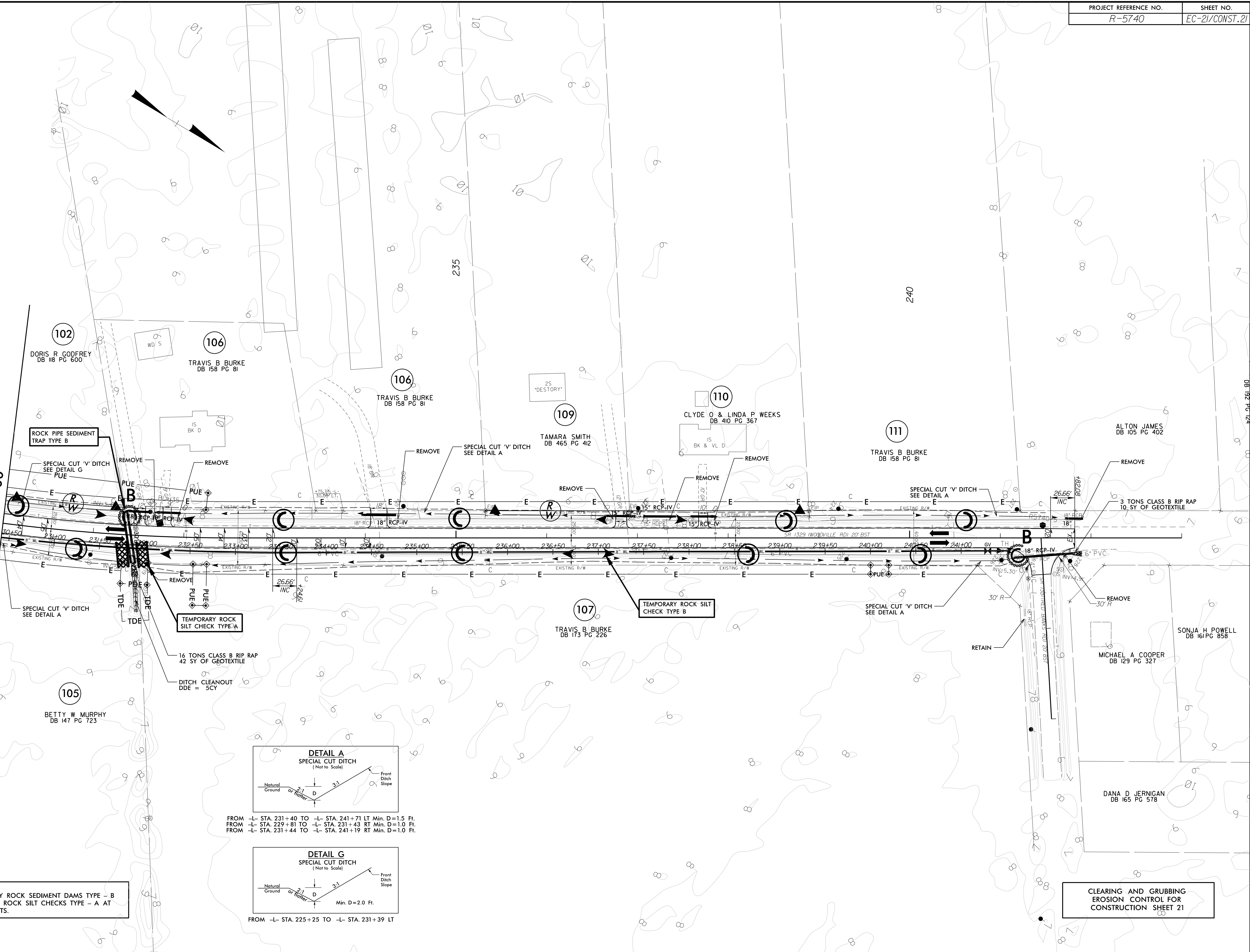


FROM -L- STA. 225+25 TO -L- STA. 231+39 LT

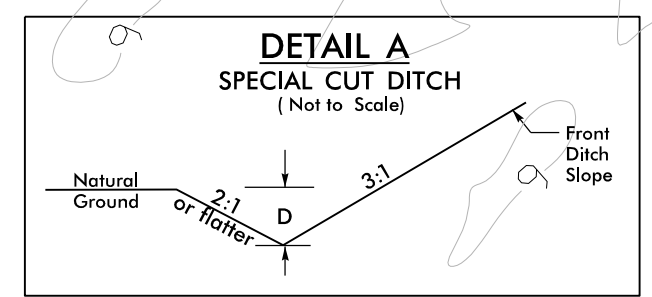
CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 20

19 DEC 2016 09:34
 J:\N\CD01\19 DEC 2016 09:34 740\Hydr-eul\1cs\CADD\PSHA.E&SC\R5740_rdy_PSH_21.dgn
 \$\$\$\$SUSPENSION\$\$\$\$

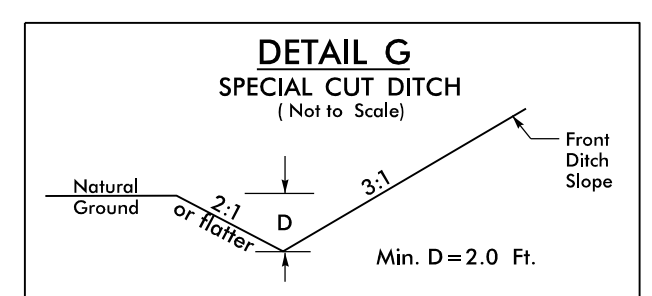
MATCHLINE SEE SHEET EC-20
 -L- STA 230+00



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



FROM -L- STA. 231+40 TO -L- STA. 241+71 LT Min. D=1.5 Ft.
 FROM -L- STA. 229+81 TO -L- STA. 231+43 RT Min. D=1.0 Ft.
 FROM -L- STA. 231+44 TO -L- STA. 241+19 RT Min. D=1.0 Ft.



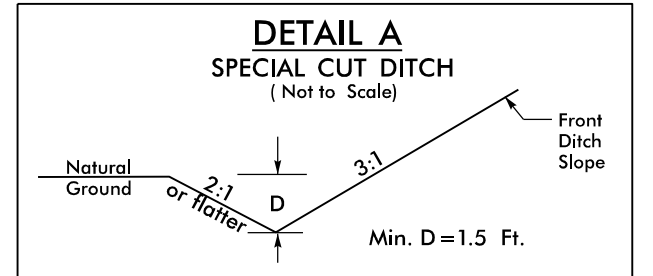
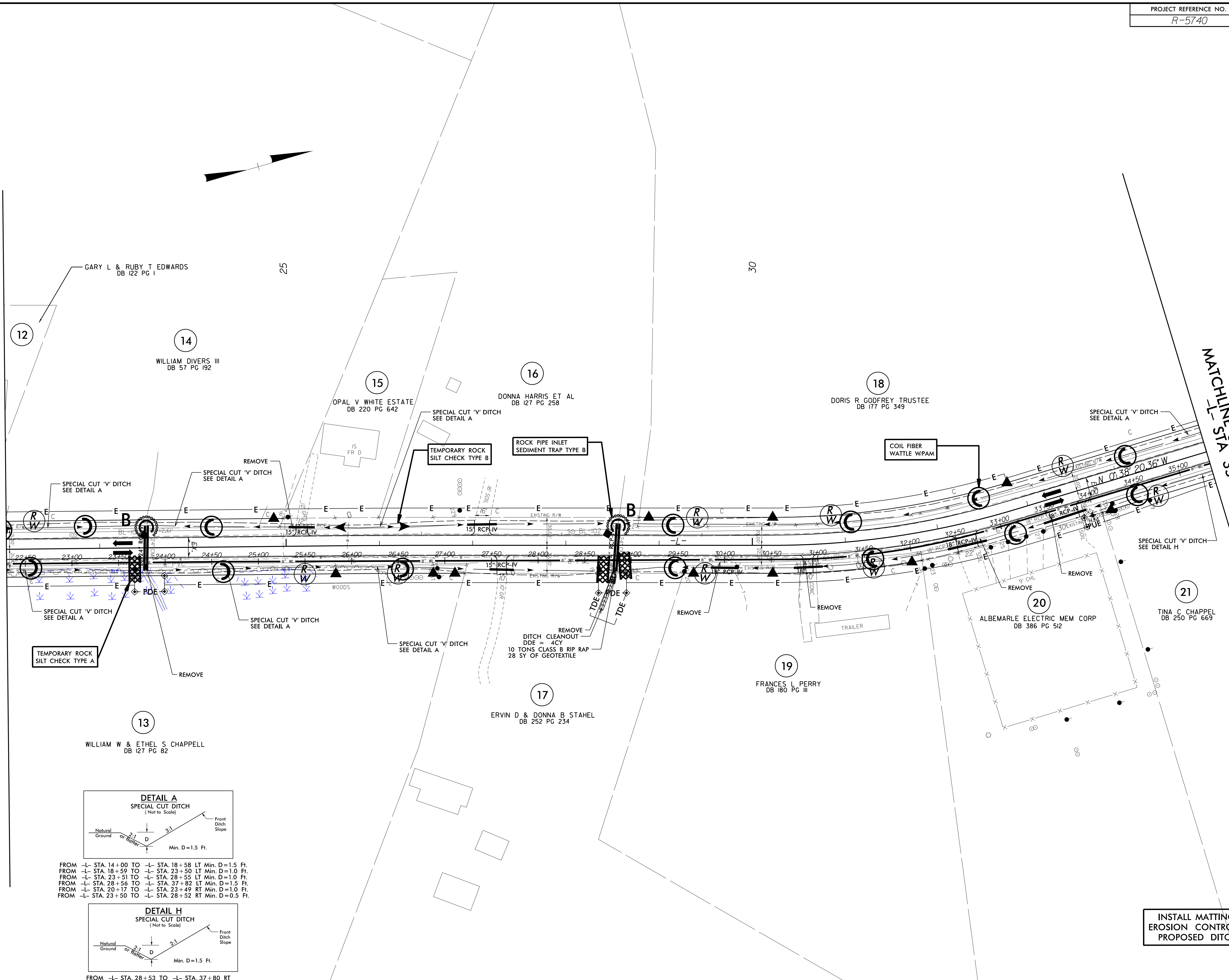
FROM -L- STA. 225+25 TO -L- STA. 231+39 LT

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 21

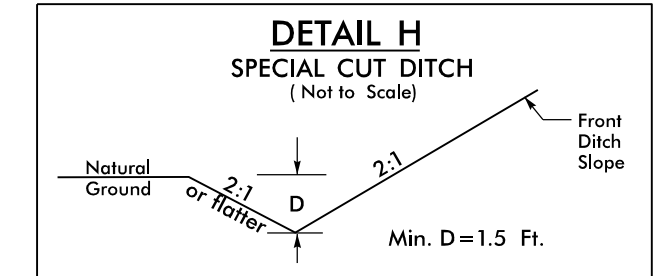
5/14/99
 I:\DEC-2016_09-25
 \NCDOT\160740\Hydr-aulics\CADD\PSH\E&S\5740_rdy_PSH_23.dgn
 \$\$\$\$SUSAN HARRIS\$\$\$\$

MATCHLINE SEE SHEET EC-22
 -L- STA 22+00

MATCHLINE SEE SHEET EC-24
 -L- STA 35+00



- FROM -L- STA. 14+00 TO -L- STA. 18+58 LT Min. D=1.5 Ft.
- FROM -L- STA. 18+59 TO -L- STA. 23+50 LT Min. D=1.0 Ft.
- FROM -L- STA. 23+51 TO -L- STA. 28+55 LT Min. D=1.0 Ft.
- FROM -L- STA. 28+56 TO -L- STA. 37+82 LT Min. D=1.5 Ft.
- FROM -L- STA. 20+17 TO -L- STA. 23+49 RT Min. D=1.0 Ft.
- FROM -L- STA. 23+50 TO -L- STA. 28+52 RT Min. D=0.5 Ft.

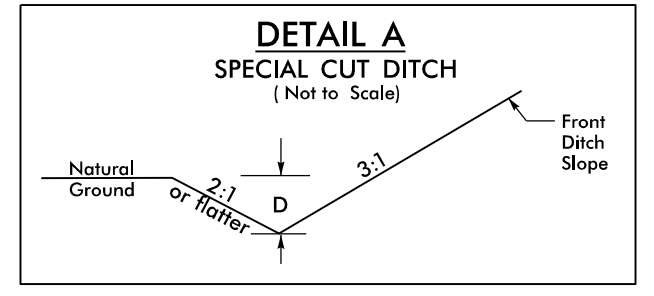
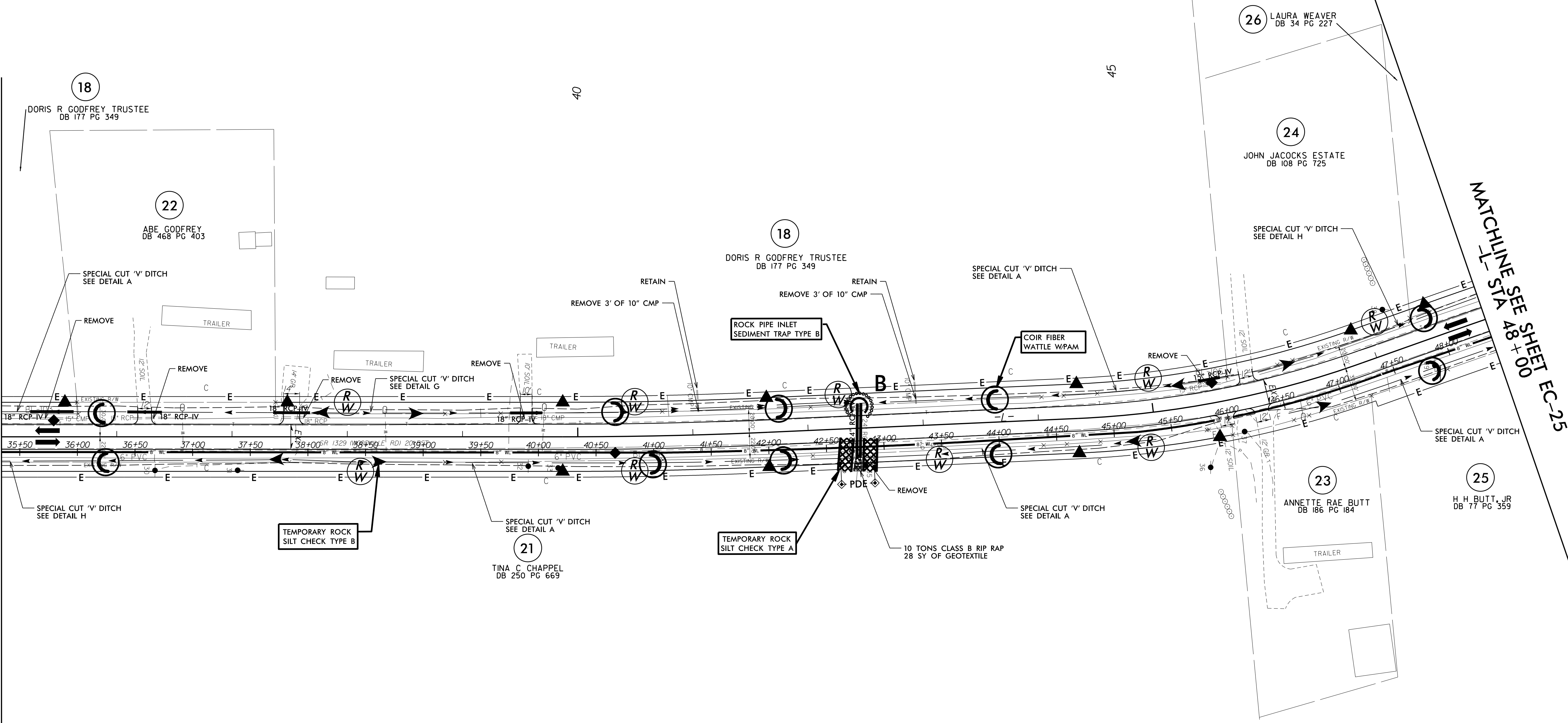


FROM -L- STA. 28+53 TO -L- STA. 37+80 RT

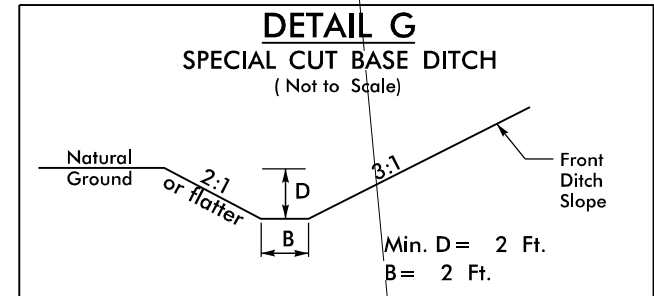
INSTALL MATTING FOR
 EROSION CONTROL IN THE
 PROPOSED DITCH LINE.

5/14/99
 I:\DEC-2016\19-035\19-035-740\Hydr-aulics\CADD\PSH\E&S\C\R5740_rdy_PSH_24.dgn
 \$\$\$\$SHEETNO\$\$\$\$

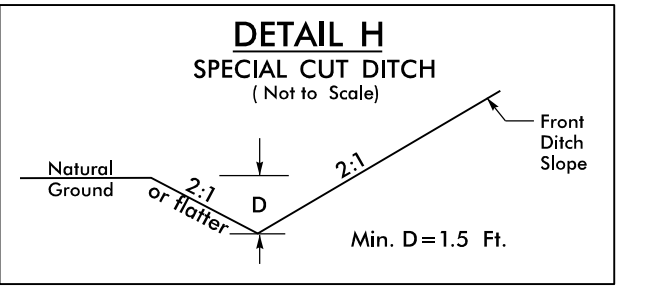
MATCHLINE SEE SHEET EC-23
 -L- STA 35+00



FROM -L- STA. 28+56 TO -L- STA. 37+82 LT Min. D=1.5 Ft.
 FROM -L- STA. 37+82 TO -L- STA. 40+50 LT Min. D=1.0 Ft.
 FROM -L- STA. 42+44 TO -L- STA. 45+75 LT Min. D=1.0 Ft.
 FROM -L- STA. 37+80 TO -L- STA. 42+43 RT Min. D=1.0 Ft.
 FROM -L- STA. 42+44 TO -L- STA. 45+00 RT Min. D=1.0 Ft.
 FROM -L- STA. 46+14 TO -L- STA. 54+81 RT Min. D=1.0 Ft.



FROM -L- STA. 40+50 TO -L- STA. 42+43 LT
 Min. D = 2 Ft.
 B = 2 Ft.

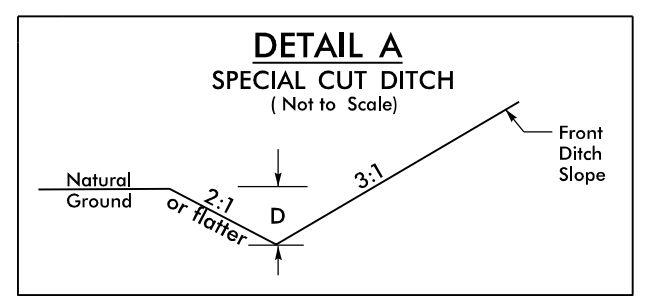
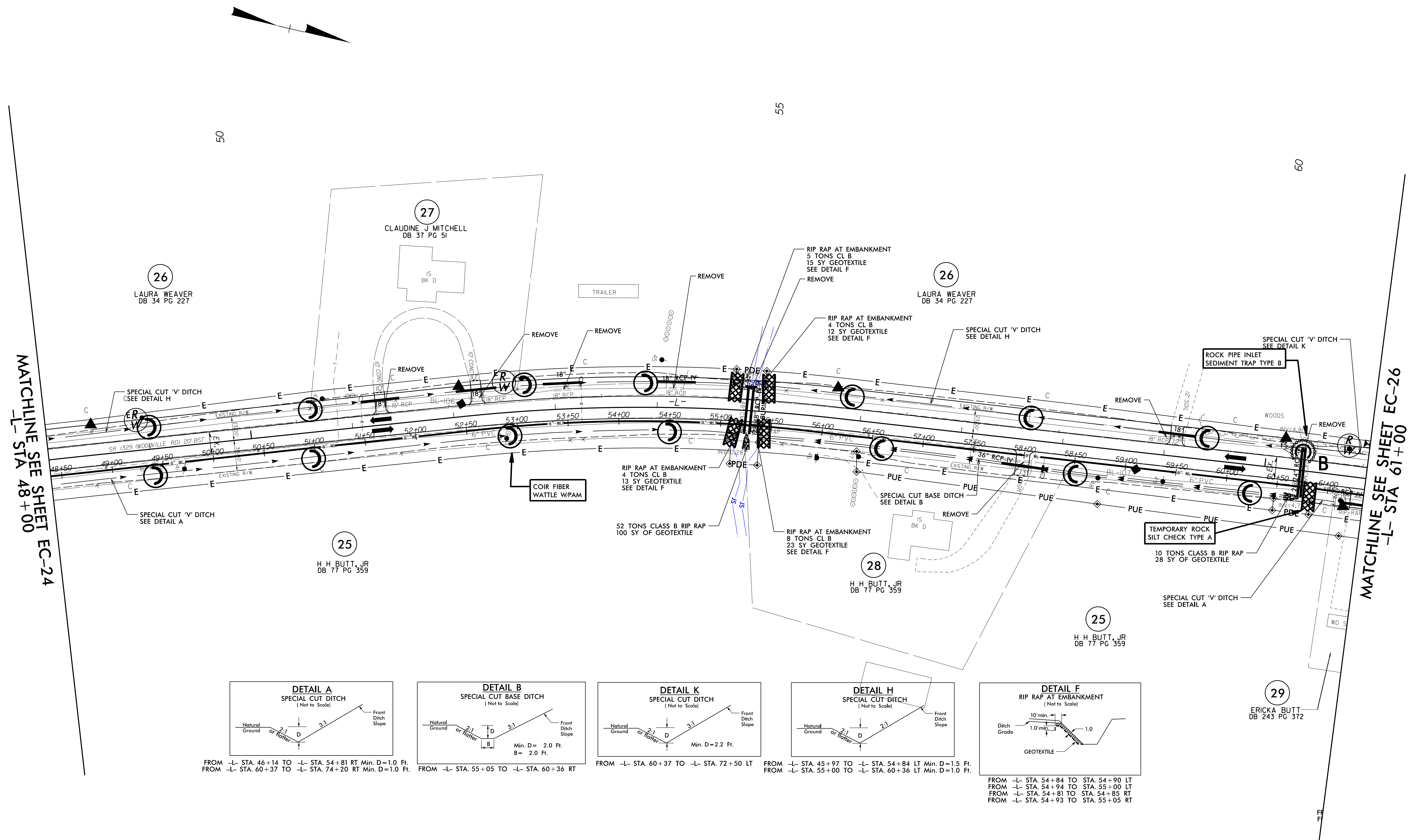


FROM -L- STA. 45+97 TO -L- STA. 54+84 LT
 FROM -L- STA. 28+53 TO -L- STA. 37+80 RT
 Min. D=1.5 Ft.

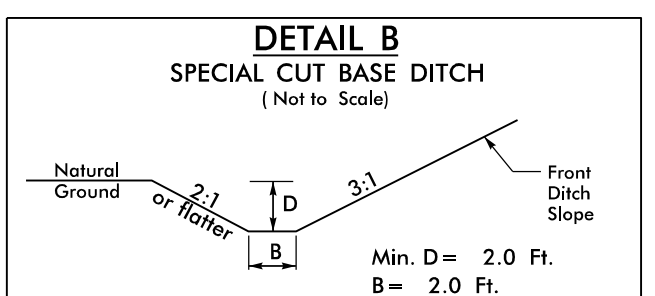
INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

MATCHLINE SEE SHEET EC-25
 -L- STA 48+00

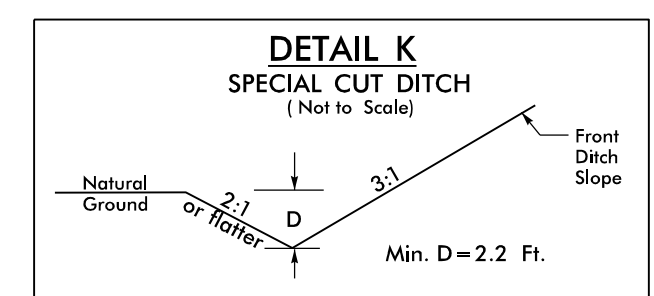
5/14/99
 I:\DEC-2016\9-09-15\19-NCDDOT\PSH\E&S\CAR5740_rdy_PSH_25.dgn
 \$\$\$\$SUNSHINE\$\$\$\$



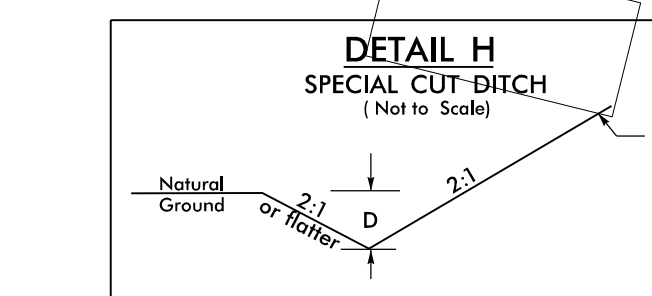
FROM -L- STA. 46+14 TO -L- STA. 54+81 RT. Min. D=1.0 Ft.
 FROM -L- STA. 60+37 TO -L- STA. 74+20 RT. Min. D=1.0 Ft.



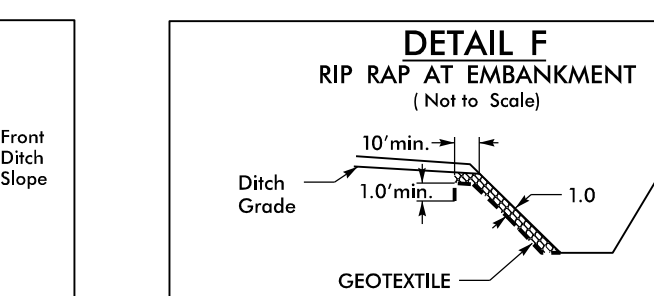
FROM -L- STA. 55+05 TO -L- STA. 60+36 RT.



FROM -L- STA. 60+37 TO -L- STA. 72+50 LT.



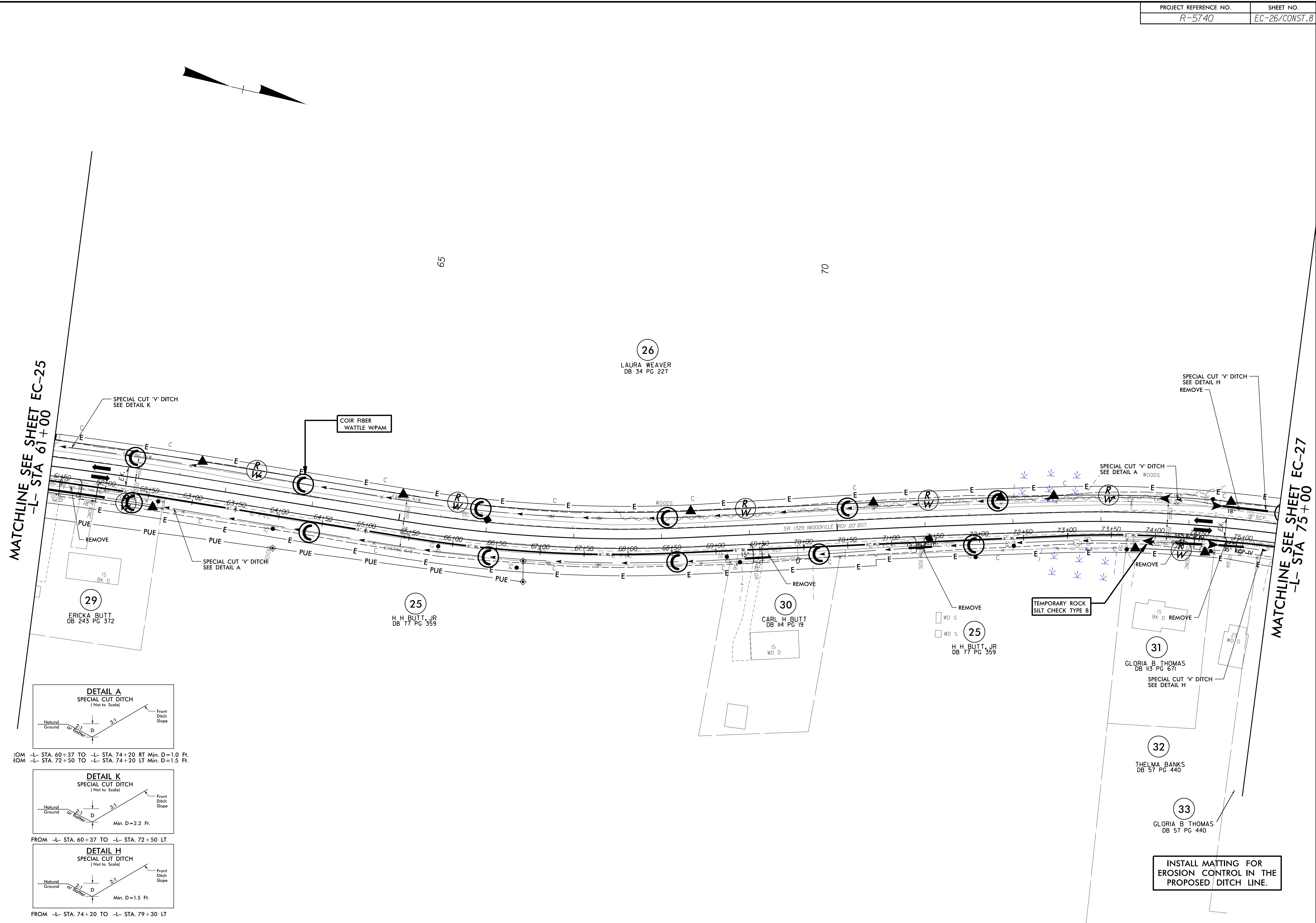
FROM -L- STA. 45+97 TO -L- STA. 54+84 LT. Min. D=1.5 Ft.
 FROM -L- STA. 55+00 TO -L- STA. 60+36 LT. Min. D=1.0 Ft.



FROM -L- STA. 54+84 TO STA. 54+90 LT.
 FROM -L- STA. 54+94 TO STA. 55+00 LT.
 FROM -L- STA. 54+81 TO STA. 54+85 RT.
 FROM -L- STA. 54+93 TO STA. 55+05 RT.

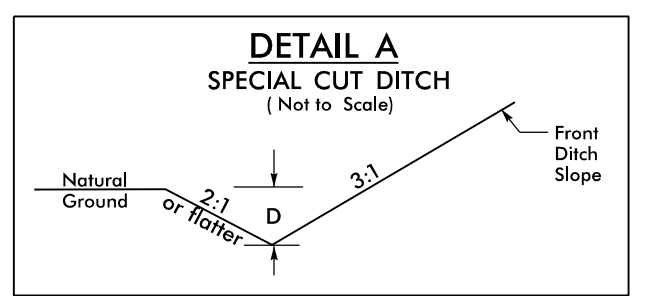
INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

5/14/99
 I:\DEC-2018\10-20-2018\10-20-2018\7400\Hydr-aui\cs\CADD\PSH\A&S\CAR5740_rdy_PSH_26.dgn
 \$\$\$\$SUSPENSION\$\$\$\$

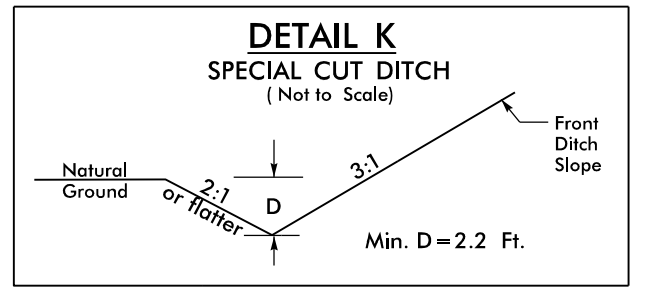


MATCHLINE SEE SHEET EC-25
 -L- STA 61+00

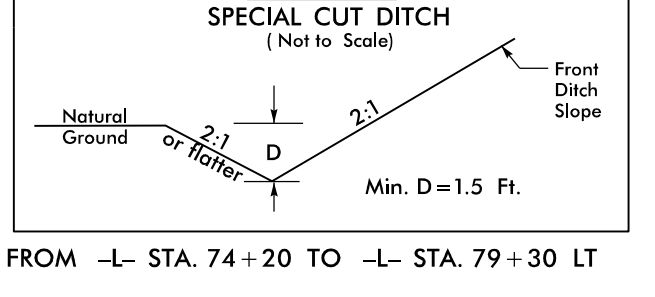
MATCHLINE SEE SHEET EC-27
 -L- STA 75+00



FROM -L- STA. 60+37 TO -L- STA. 74+20 RT Min. D=1.0 Ft.
 FROM -L- STA. 72+50 TO -L- STA. 74+20 LT Min. D=1.5 Ft.

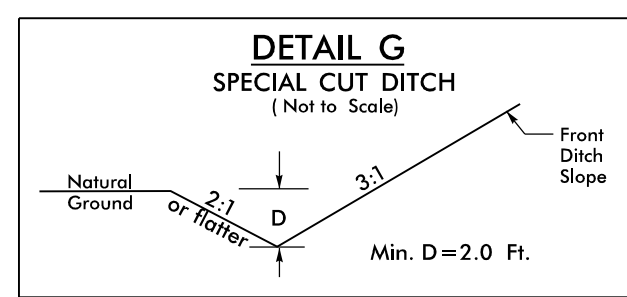


FROM -L- STA. 60+37 TO -L- STA. 72+50 LT

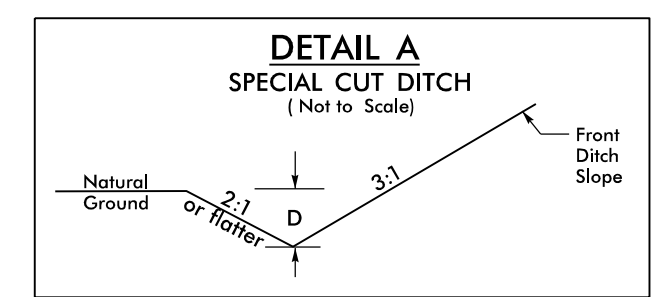


FROM -L- STA. 74+20 TO -L- STA. 79+30 LT

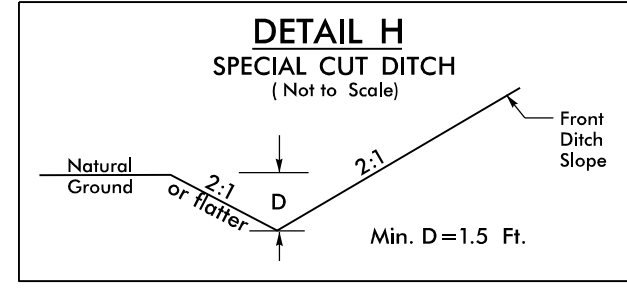
**INSTALL MATTING FOR
 EROSION CONTROL IN THE
 PROPOSED DITCH LINE.**



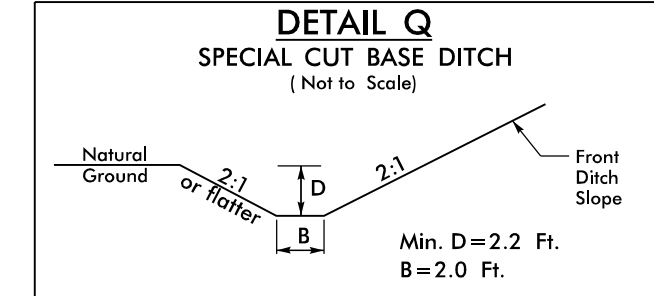
FROM -L- STA. 82+70 TO -L- STA. 97+45 LT



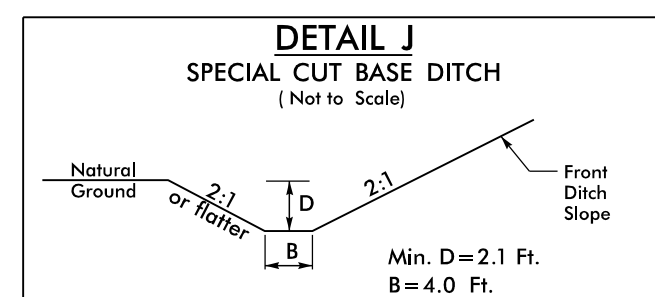
FROM -L- STA. 79+20 TO -L- STA. 79+50 RT Min. D=1.0 Ft.



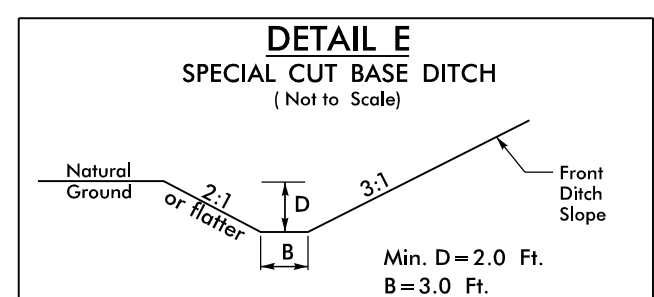
FROM -L- STA. 74+20 TO -L- STA. 79+00 LT
FROM -L- STA. 74+20 TO -L- STA. 79+20 RT



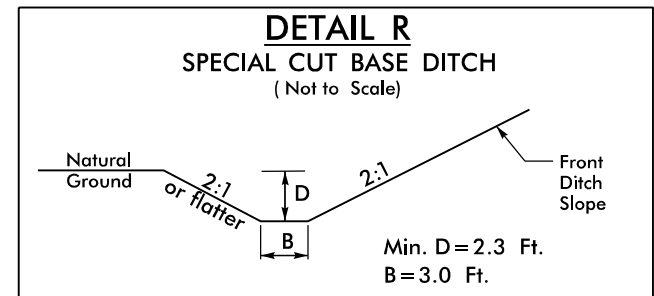
FROM -L- STA. 80+75 TO -L- STA. 81+45 LT



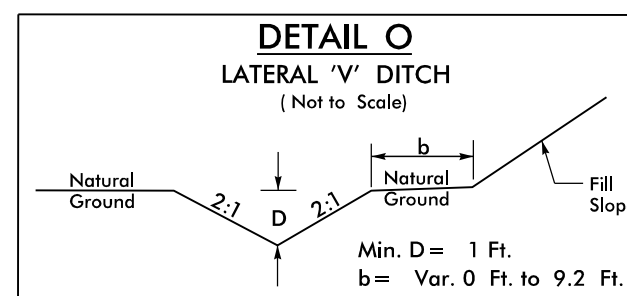
FROM -L- STA. 86+80 TO -L- STA. 104+30 RT



FROM -L- STA. 80+00 TO -L- STA. 80+45 RT



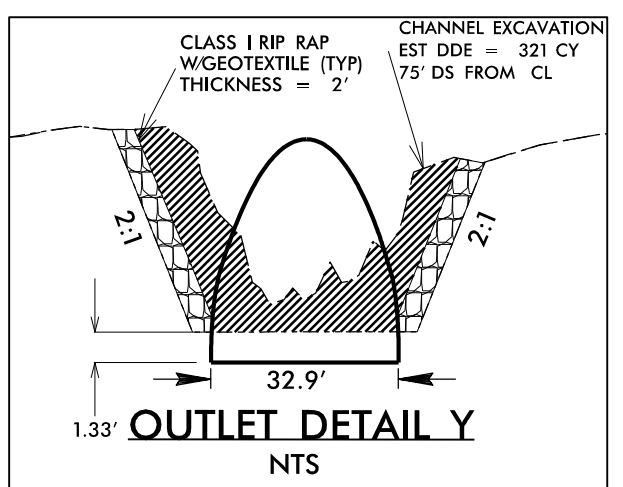
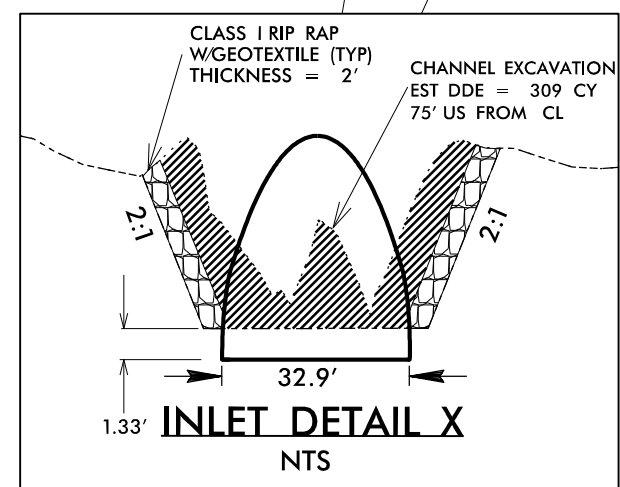
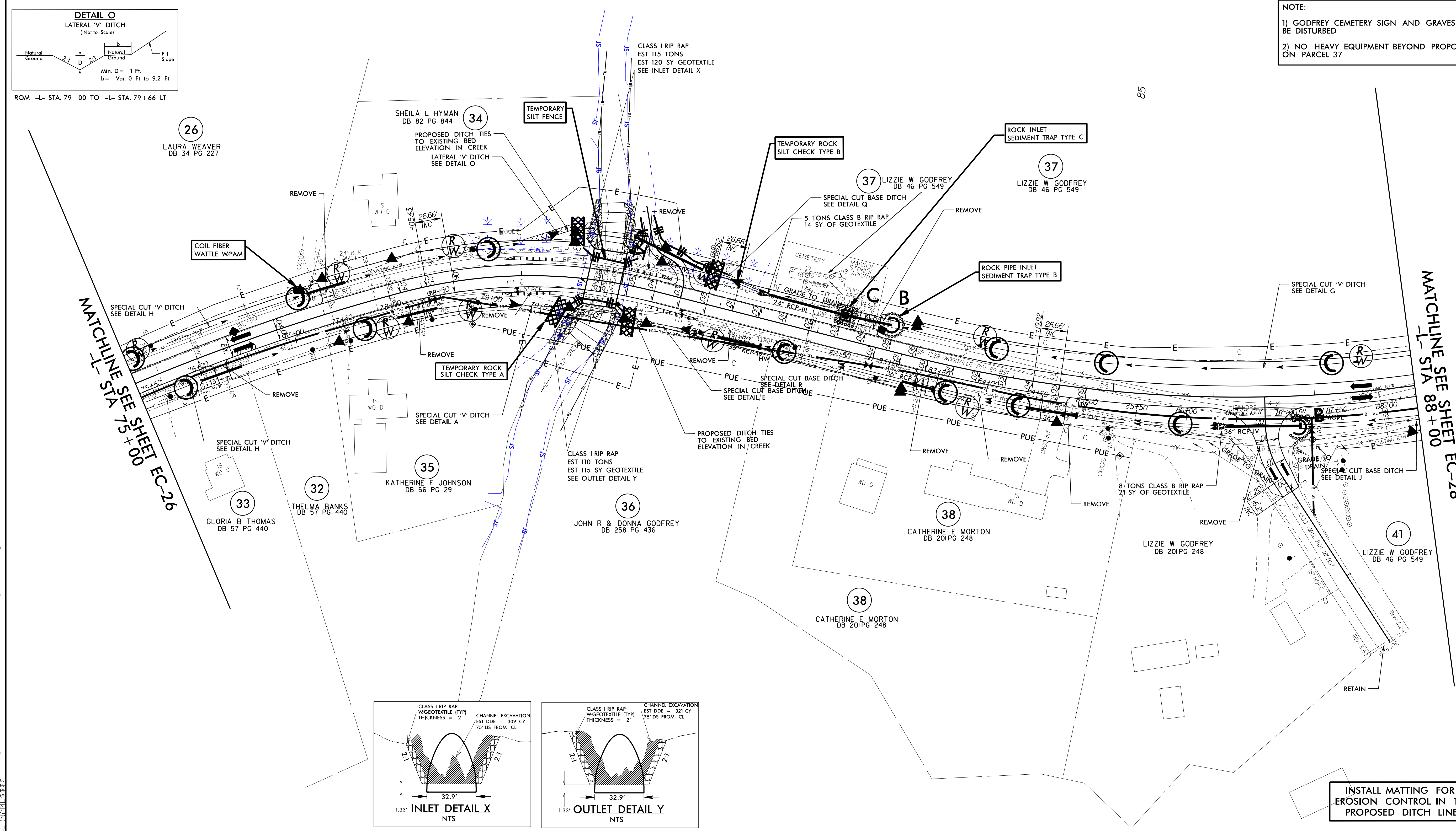
FROM -L- STA. 80+45 TO -L- STA. 86+20 RT



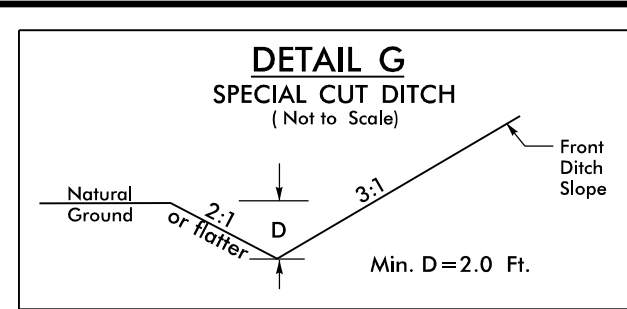
FROM -L- STA. 79+00 TO -L- STA. 79+66 LT

NOTE:
1) GODFREY CEMETERY SIGN AND GRAVES NOT TO BE DISTURBED
2) NO HEAVY EQUIPMENT BEYOND PROPOSED RW ON PARCEL 37

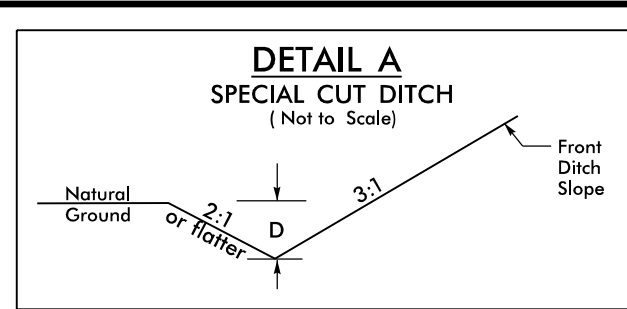
30 JAN 2020 15:23
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 \$\$\$\$ SUBPLOTION \$\$\$\$
 5/14/99



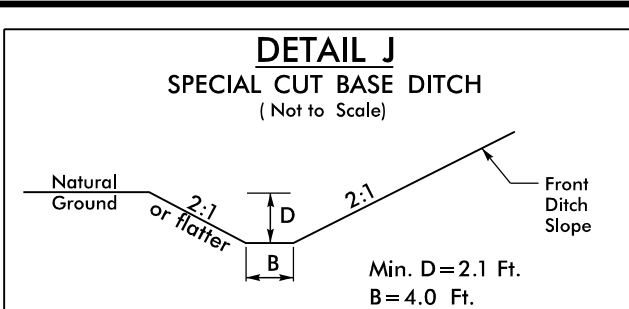
INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.



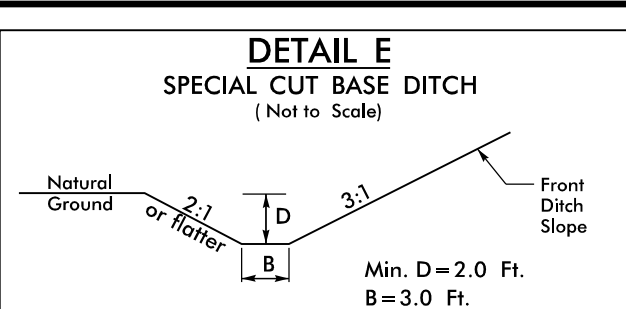
FROM -L- STA. 82+70 TO -L- STA. 97+45 LT



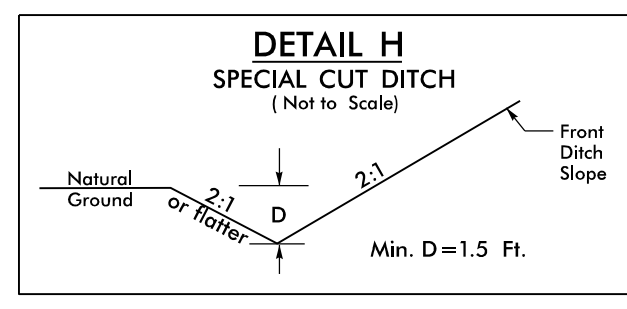
FROM -L- STA. 79+20 TO -L- STA. 79+50 RT Min. D=1.0 Ft.



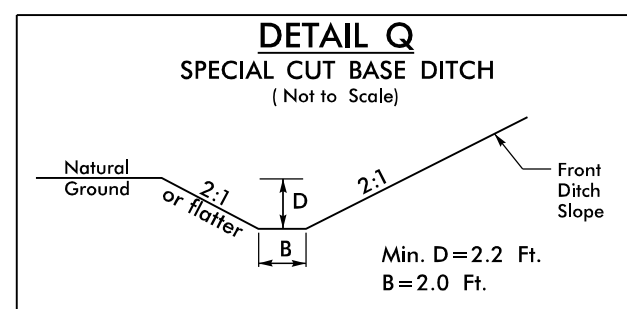
FROM -L- STA. 86+80 TO -L- STA. 104+30 RT



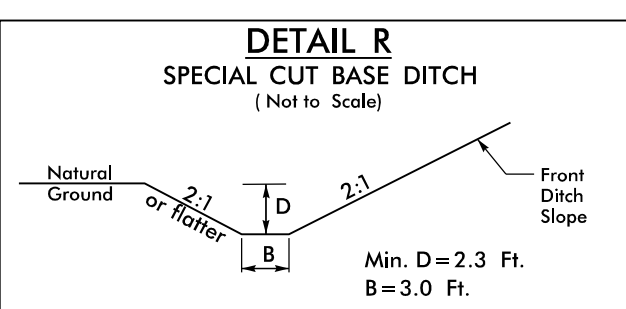
FROM -L- STA. 80+00 TO -L- STA. 80+45 RT



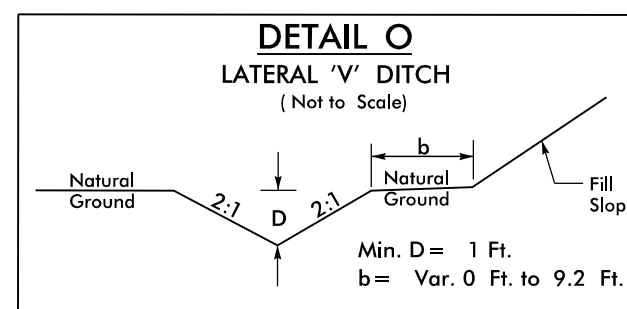
FROM -L- STA. 74+20 TO -L- STA. 79+00 LT
FROM -L- STA. 74+20 TO -L- STA. 79+20 RT



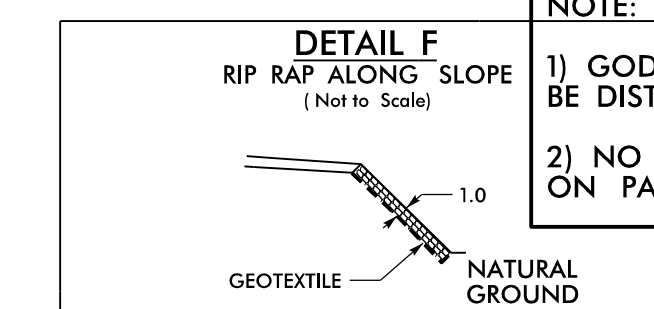
FROM -L- STA. 80+75 TO -L- STA. 81+45 LT



FROM -L- STA. 80+45 TO -L- STA. 86+20 RT



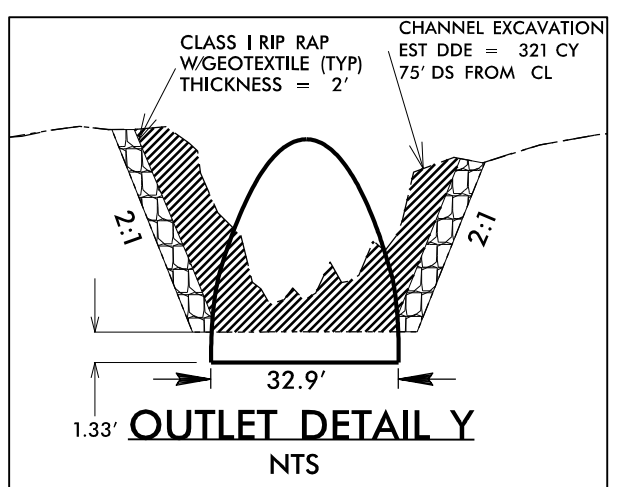
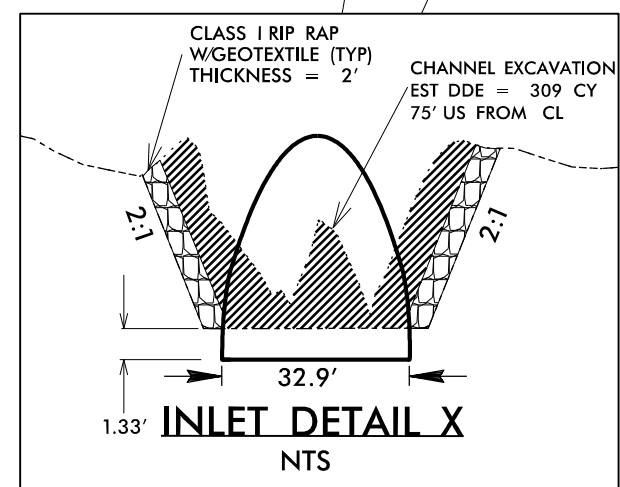
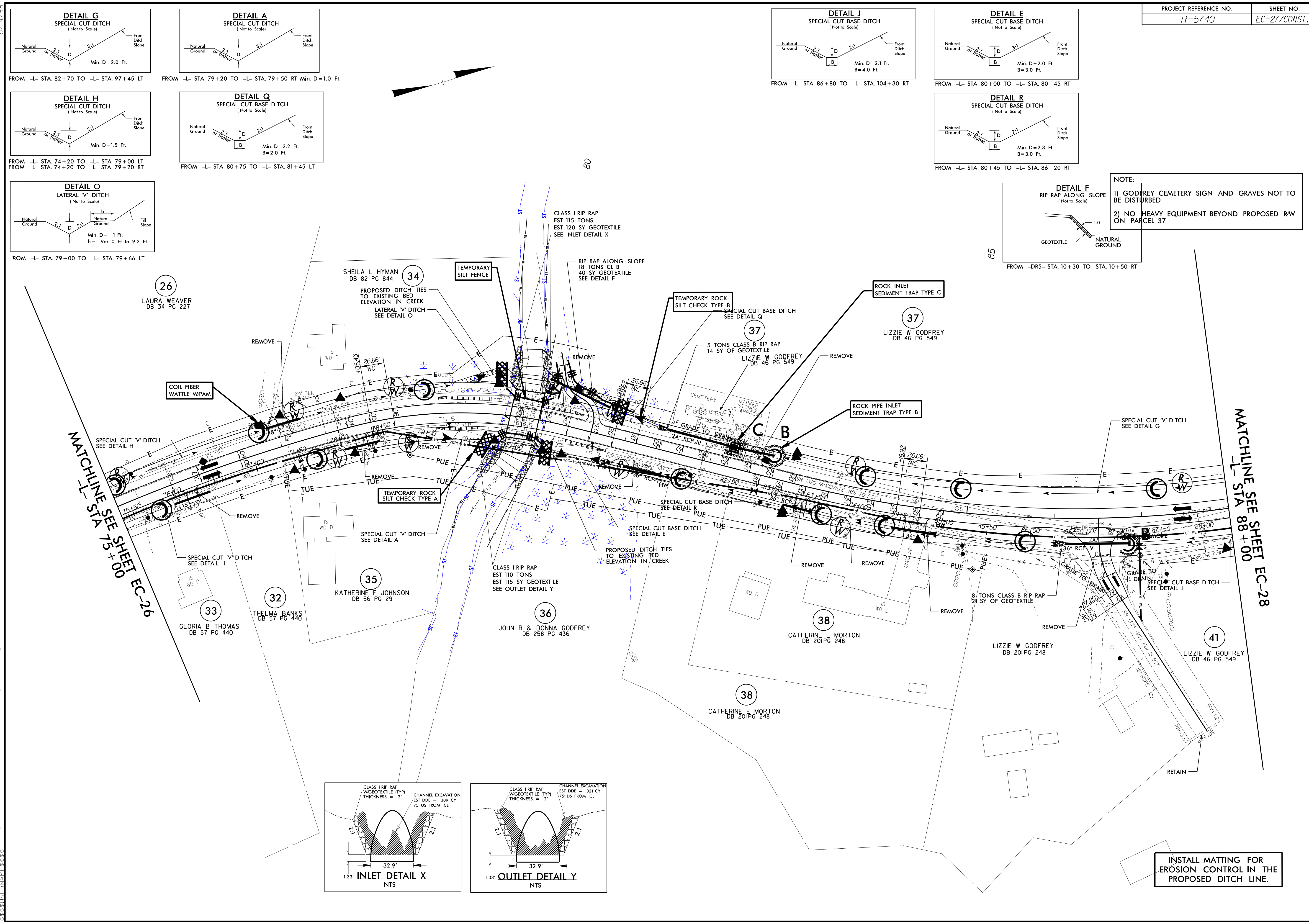
FROM -L- STA. 79+00 TO -L- STA. 79+66 LT



FROM -DR5- STA. 10+30 TO STA. 10+50 RT

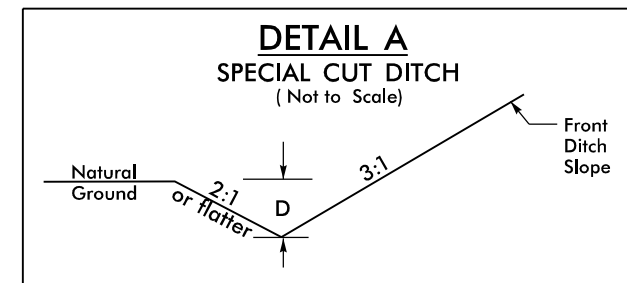
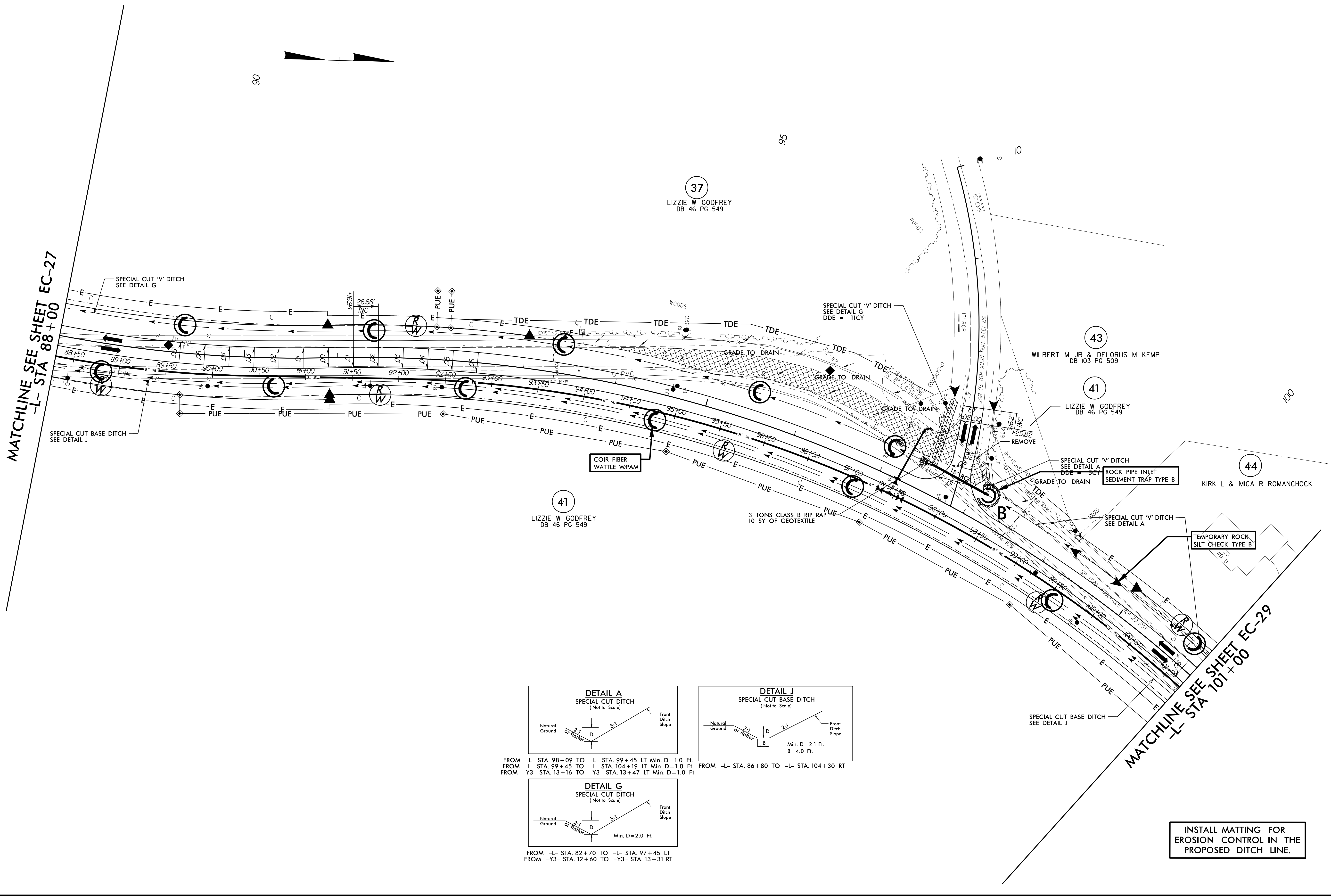
NOTE:
1) GODFREY CEMETERY SIGN AND GRAVES NOT TO BE DISTURBED
2) NO HEAVY EQUIPMENT BEYOND PROPOSED RW ON PARCEL 37

5/14/99
 06-APR-2020 17:29
 C:\Users\jhyman\OneDrive\Documents\CADD\PSH\E&S\SC\5740_rdy_PSH_27.dgn
 \$\$\$\$SUSPENSION\$\$\$\$

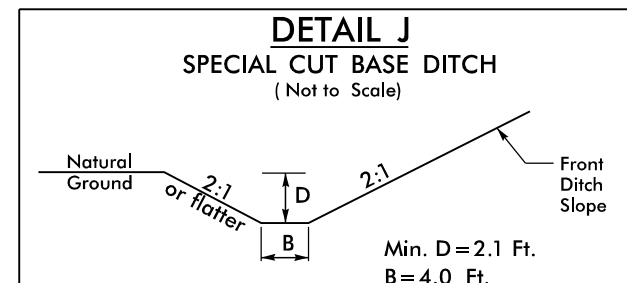


INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

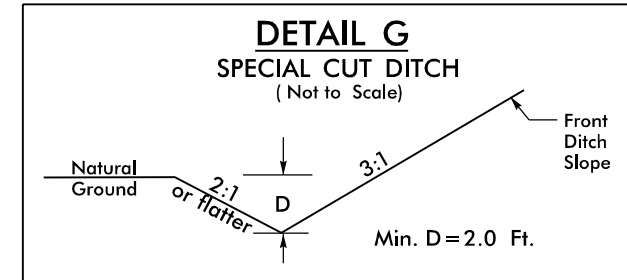
19 DEC 2016 09:55 E:\NCDOT\19-5740\Hydro\utils\CADD\PSH\E&S\C\R5740_rdy_PSH_28.dgn
 \$\$\$\$SUSAN NICOLE\$\$\$\$



FROM -L- STA. 98+09 TO -L- STA. 99+45 LT. Min. D=1.0 Ft.
 FROM -L- STA. 99+45 TO -L- STA. 104+19 LT. Min. D=1.0 Ft.
 FROM -Y3- STA. 13+16 TO -Y3- STA. 13+47 LT. Min. D=1.0 Ft.



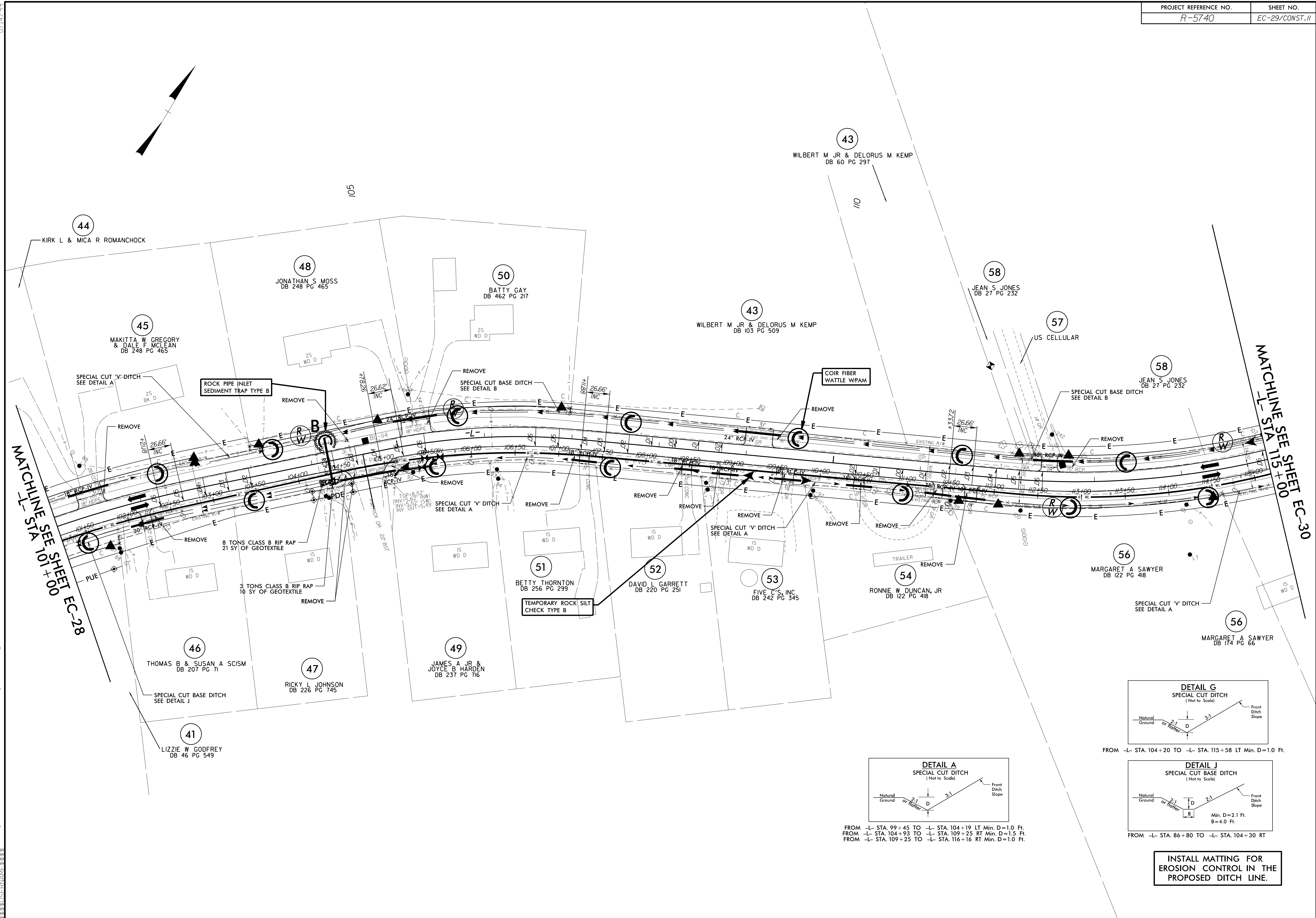
FROM -L- STA. 86+80 TO -L- STA. 104+30 RT



FROM -L- STA. 82+70 TO -L- STA. 97+45 LT
 FROM -Y3- STA. 12+60 TO -Y3- STA. 13+31 RT

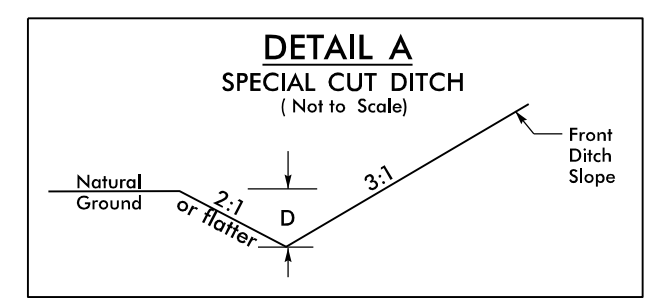
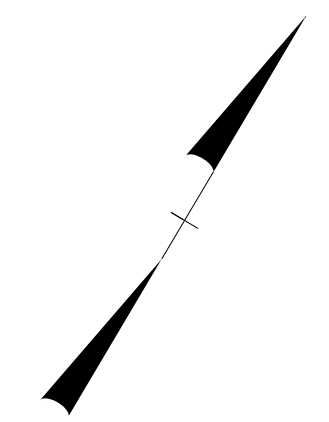
INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.

19 DEC 2018 10:20 AM C:\Users\jg\OneDrive\Documents\CADD\PSHA\EC&SC\R5740_29.dwg
 \$\$\$\$SUN\$
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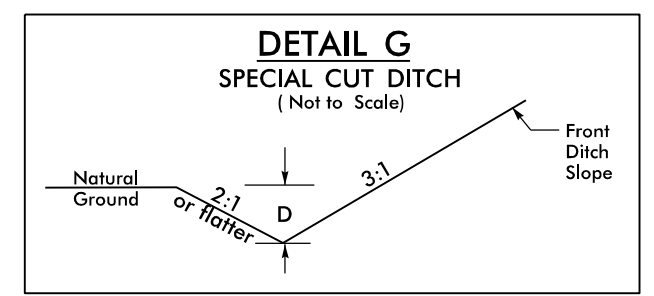


MATCHLINE SEE SHEET EC-28
-L- STA 101+00

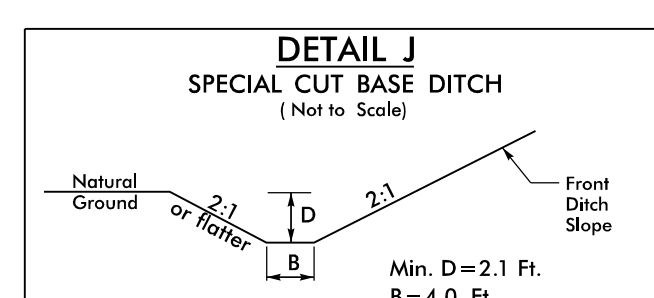
MATCHLINE SEE SHEET EC-30
-L- STA 115+00



FROM -L- STA. 99+45 TO -L- STA. 104+19 LT Min. D=1.0 Ft.
 FROM -L- STA. 104+93 TO -L- STA. 109+25 RT Min. D=1.5 Ft.
 FROM -L- STA. 109+25 TO -L- STA. 116+16 RT Min. D=1.0 Ft.

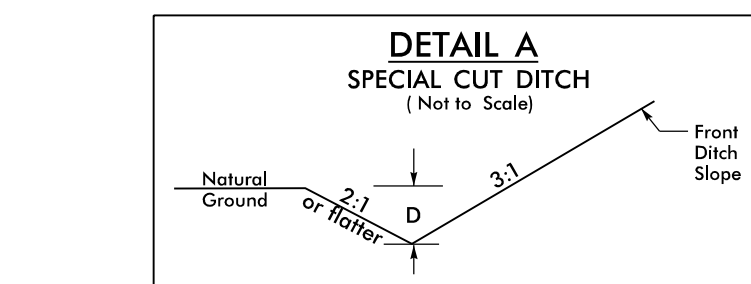


FROM -L- STA. 104+20 TO -L- STA. 115+58 LT Min. D=1.0 Ft.

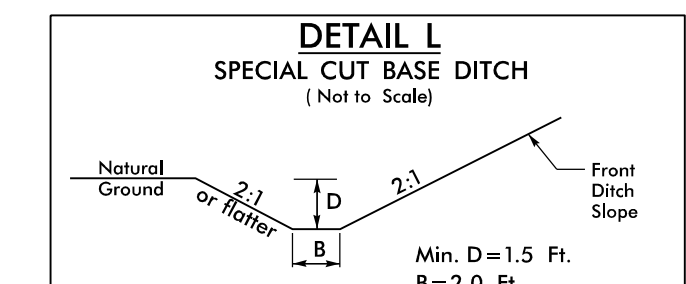


FROM -L- STA. 86+80 TO -L- STA. 104+30 RT
 Min. D=2.1 Ft.
 B=4.0 Ft.

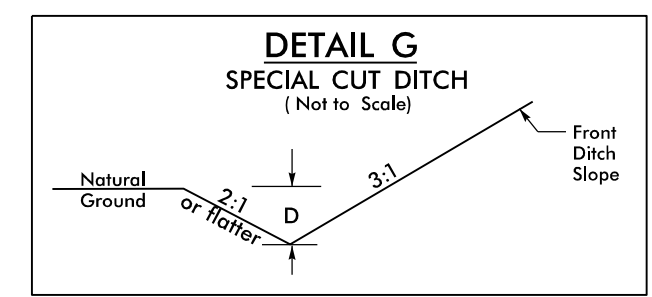
INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.



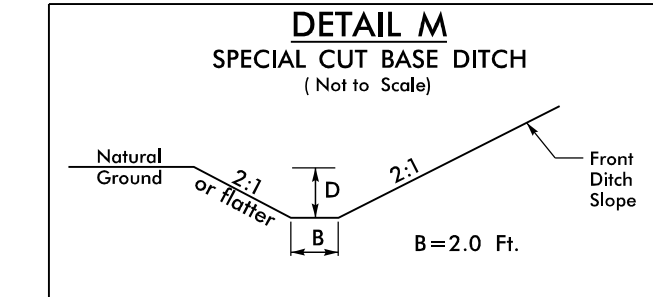
FROM -L- STA. 109+25 TO -L- STA. 116+16 RT Min. D=1.0 Ft.
 FROM -L- STA. 116+16 TO -L- STA. 122+08 RT Min. D=1.5 Ft.



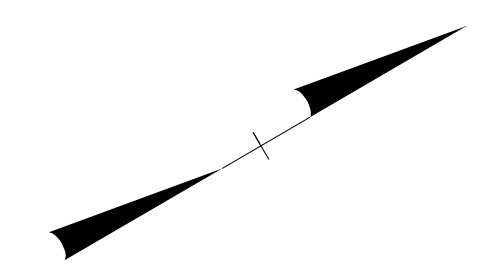
FROM -L- STA. 122+08 TO -L- STA. 131+83 RT



FROM -L- STA. 104+20 TO -L- STA. 115+58 LT Min. D=1.0 Ft.



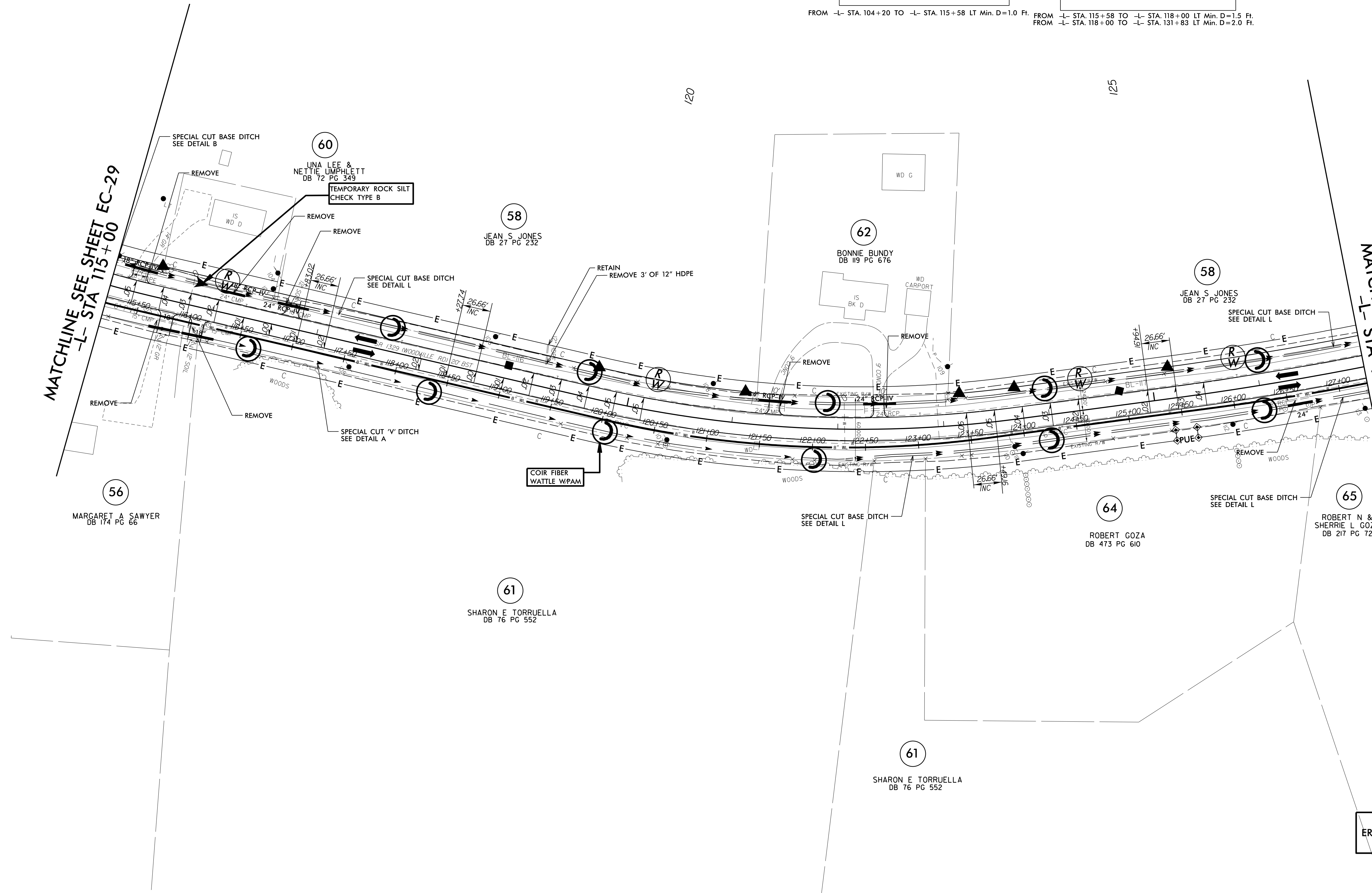
FROM -L- STA. 115+58 TO -L- STA. 118+00 LT Min. D=1.5 Ft.
 FROM -L- STA. 118+00 TO -L- STA. 131+83 LT Min. D=2.0 Ft.



MATCHLINE SEE SHEET EC-29
 -L- STA 115+00

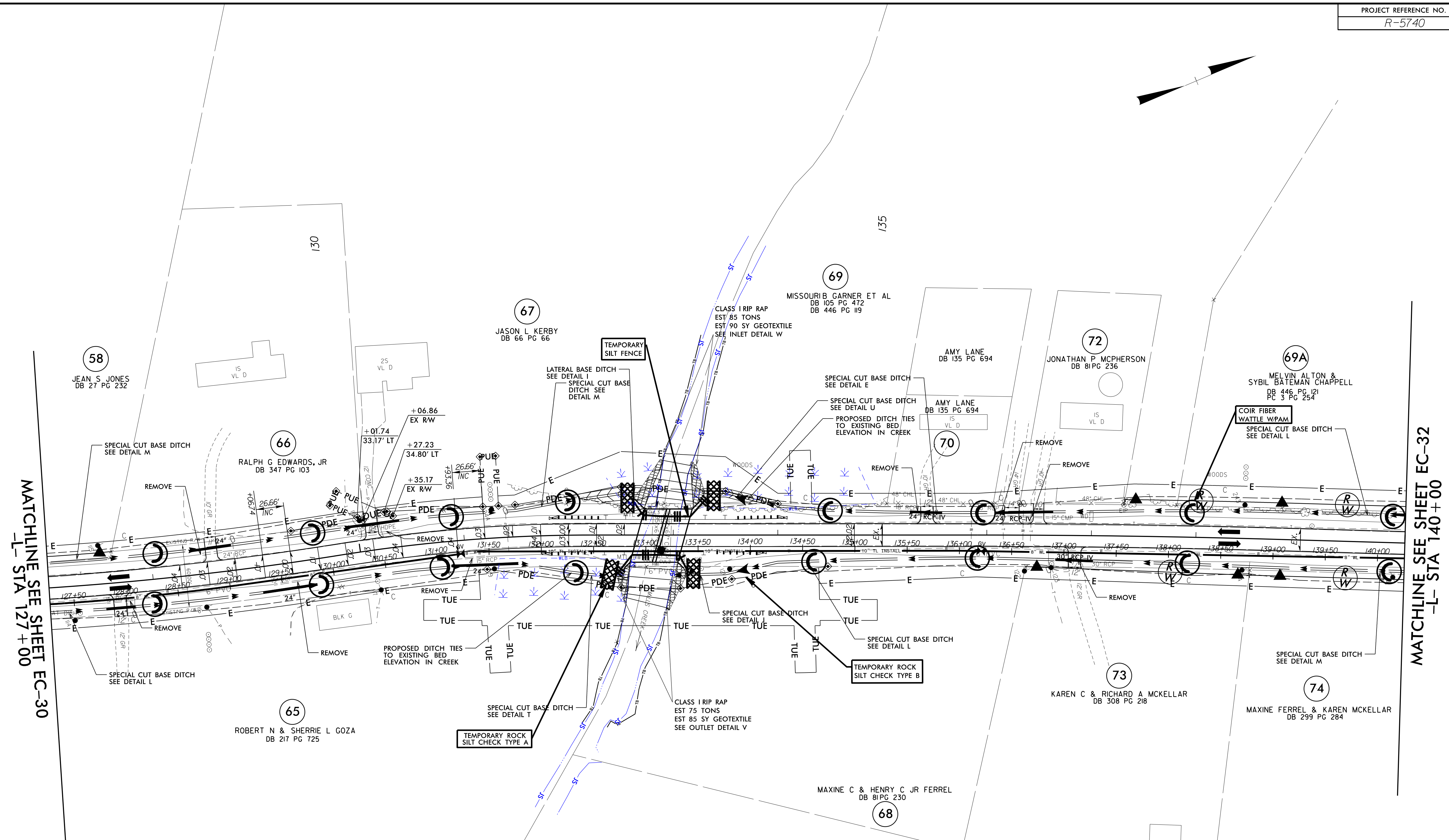
MATCHLINE SEE SHEET EC-31
 -L- STA 127+00

5/14/99
 I:\DEC-2019\19-0356\19-0356-740\Hydr-eulics\CADD\PSH.E&S\5740_rdy_PSH_30.dgn
 \$\$\$\$SUSPENSION\$\$\$\$



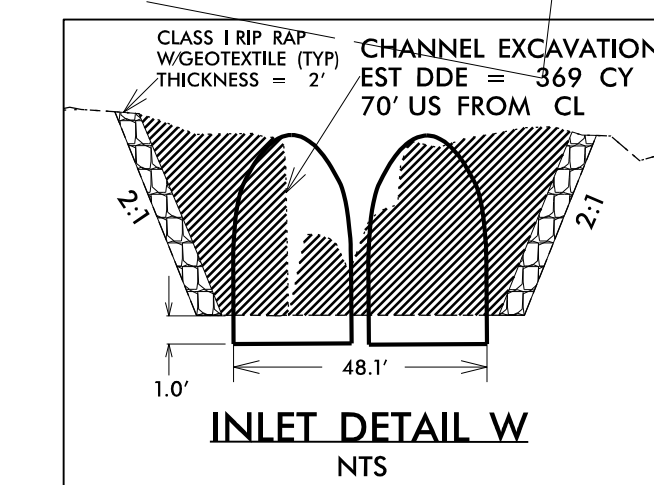
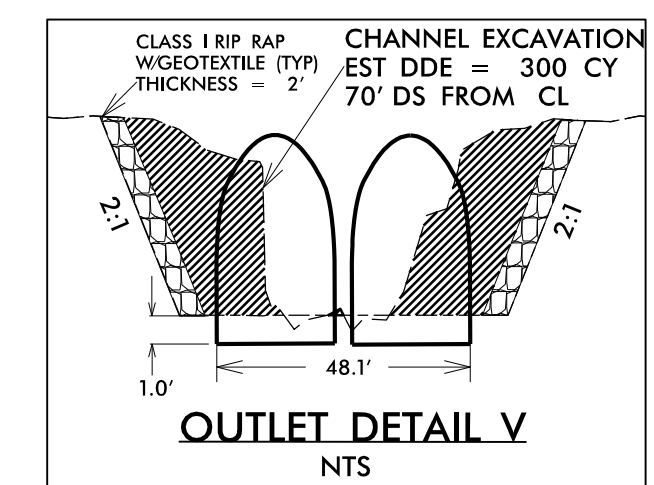
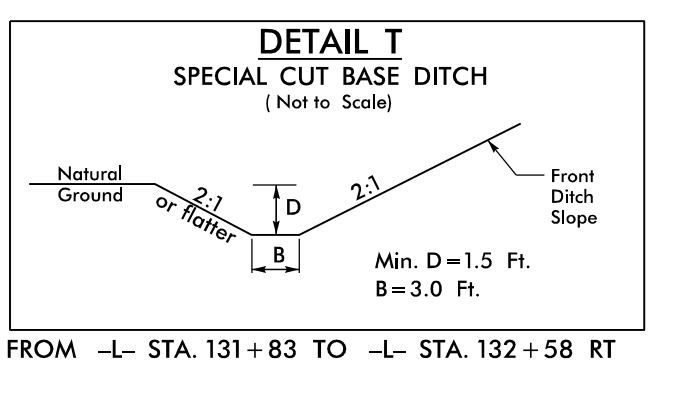
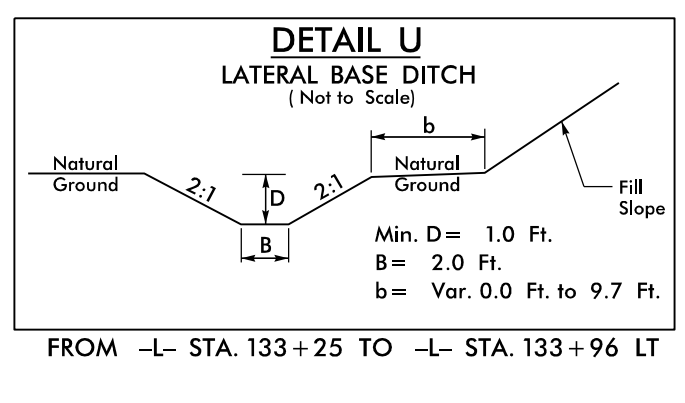
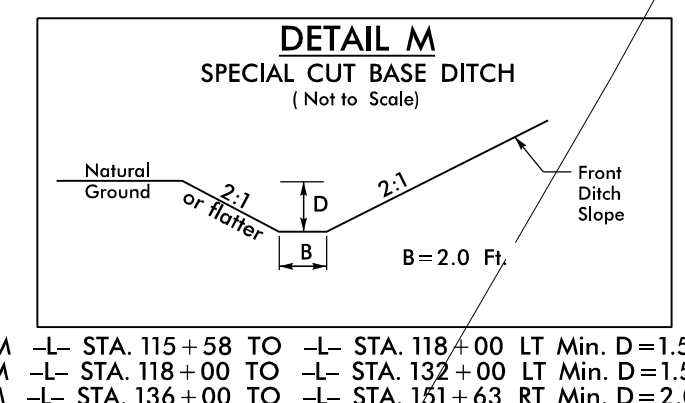
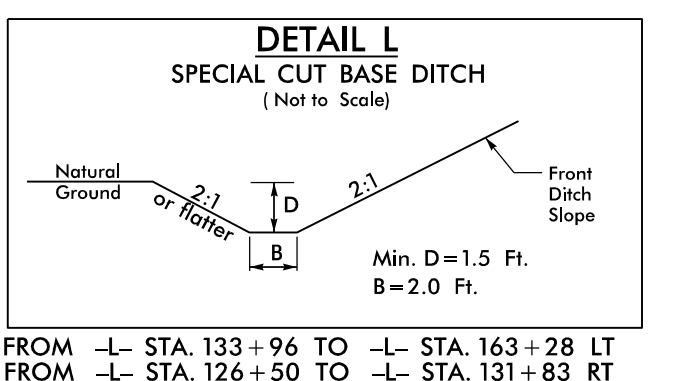
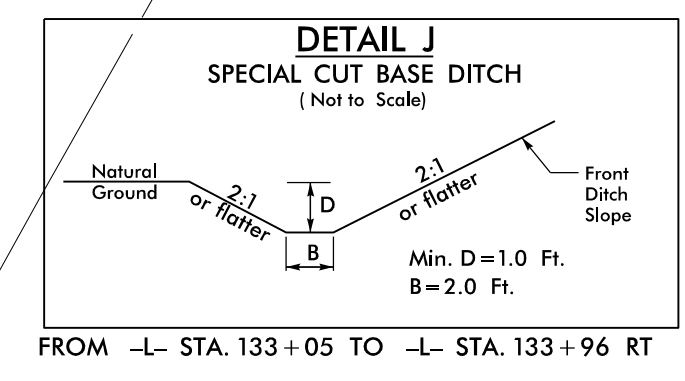
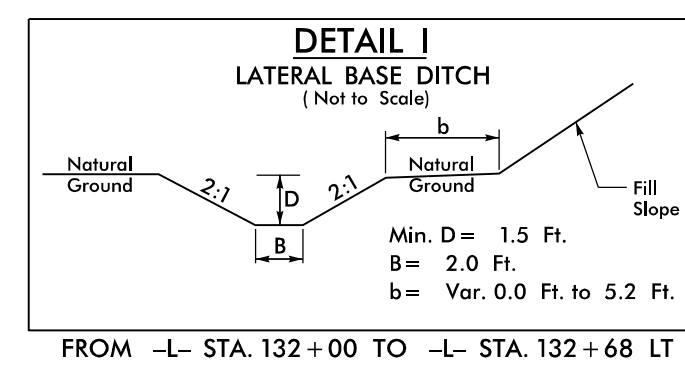
INSTALL MATTING FOR
 EROSION CONTROL IN THE
 PROPOSED DITCH LINE.

5/14/99
05_APR-2020_16:37
\\NCG001\proj\2020_16-37_40\Hydr-saults\CADD\PSHA.E&S\CAR5740_rdy_PSH_31.dgn



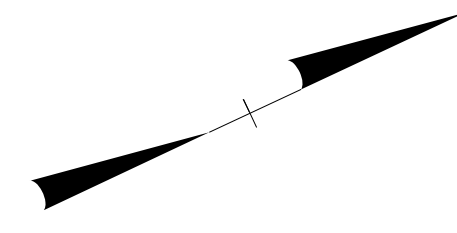
MATCHLINE SEE SHEET EC-30
-L- STA 127+00

MATCHLINE SEE SHEET EC-32
-L- STA 140+00



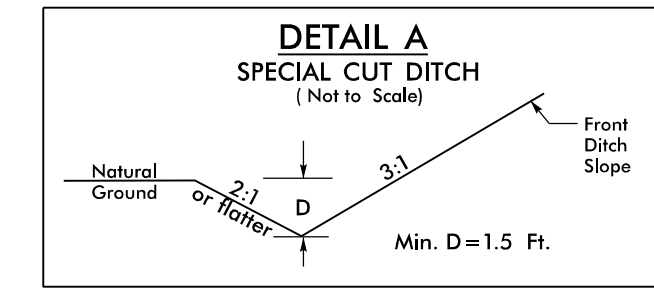
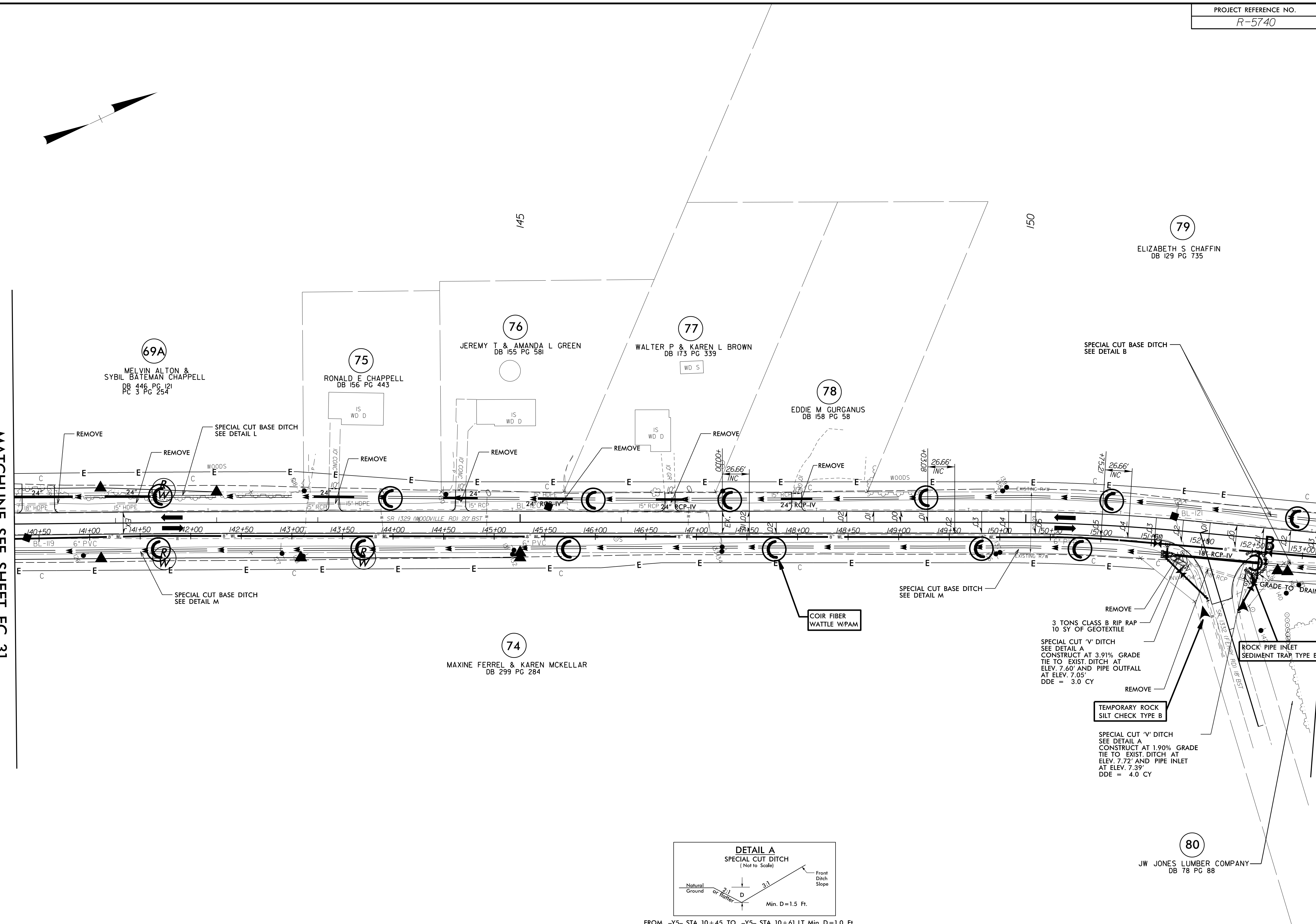
INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

5/14/99
I:\DEC-2019\09-30-2019\NCDOT\PSH\A&S\A5740\Hydr-aui\cs\CADD\PSH\A&S\A5740_rdy_PSH_32.dgn

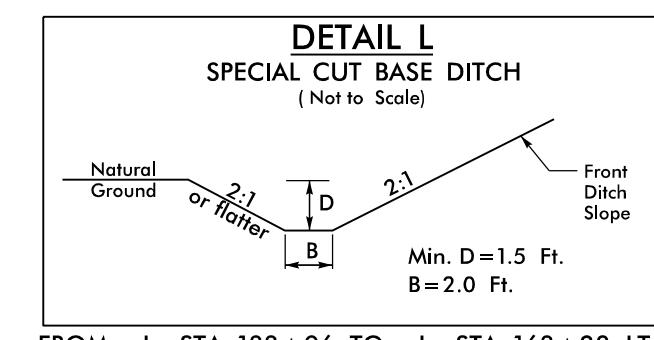


MATCHLINE SEE SHEET EC-31
-L- STA 140+00

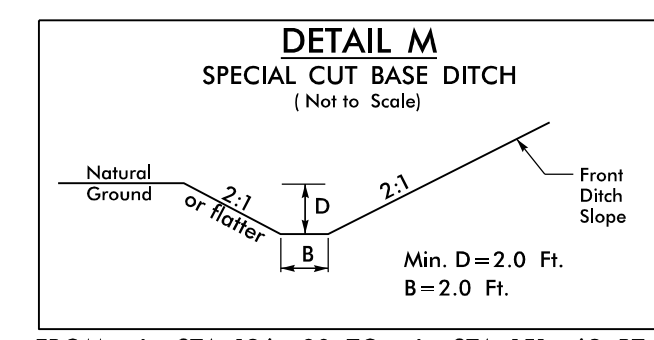
MATCHLINE SEE SHEET EC-33
-L- STA 153+00



FROM -Y5- STA. 10+45 TO -Y5- STA. 10+61 LT Min. D=1.0 Ft.
FROM -Y5- STA. 10+15 TO -Y5- STA. 10+25 RT Min. D=1.0 Ft.



FROM -L- STA. 133+96 TO -L- STA. 163+28 LT
FROM -L- STA. 152+22 TO -L- STA. 161+71 RT



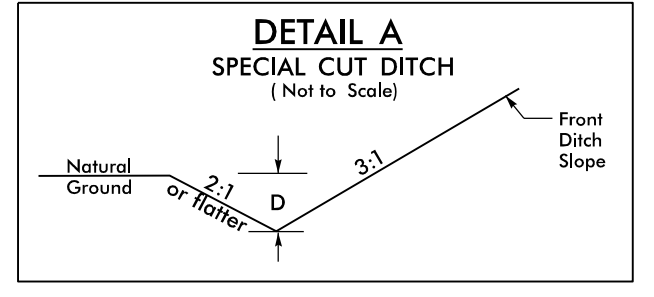
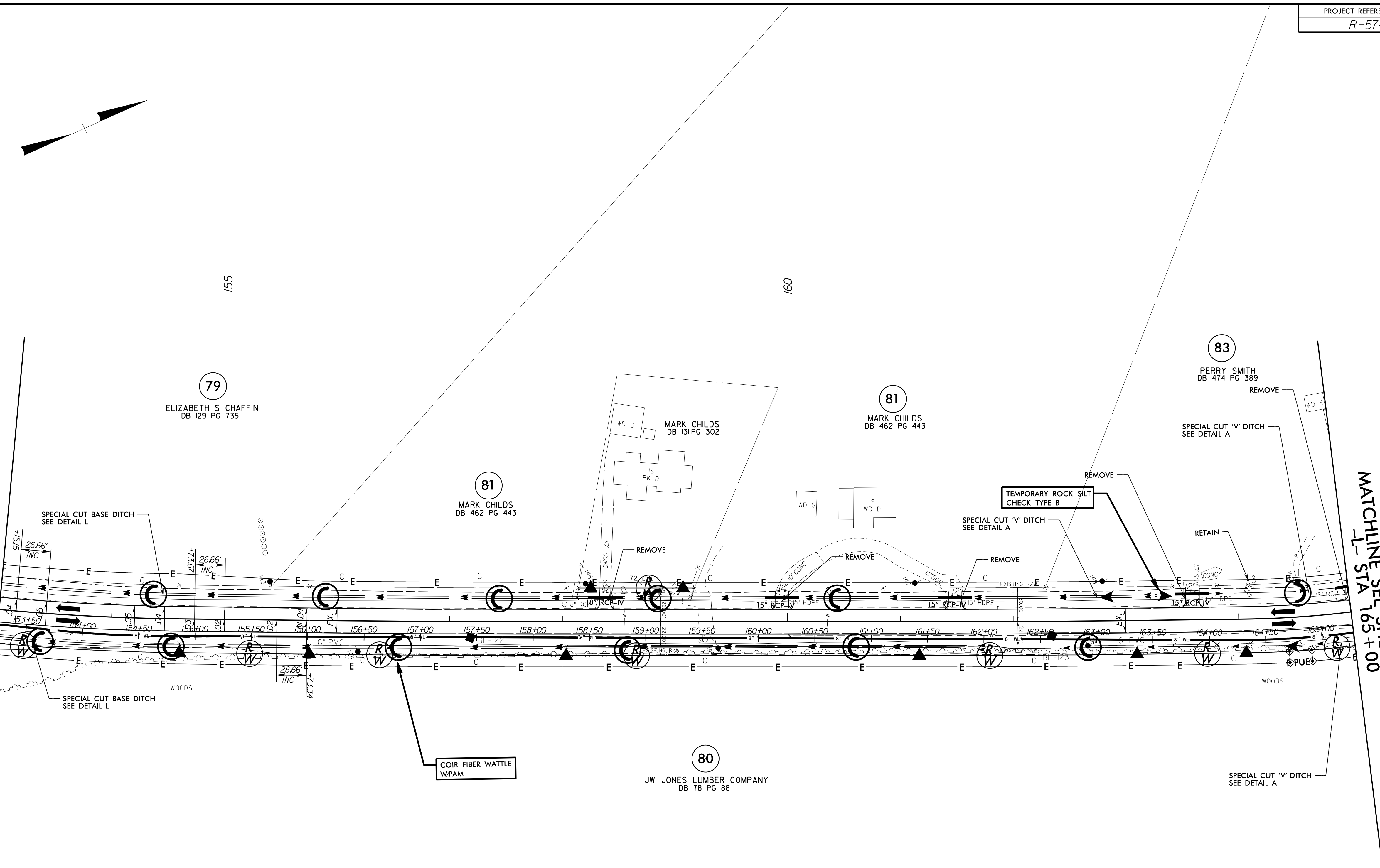
FROM -L- STA. 136+00 TO -L- STA. 151+63 RT

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

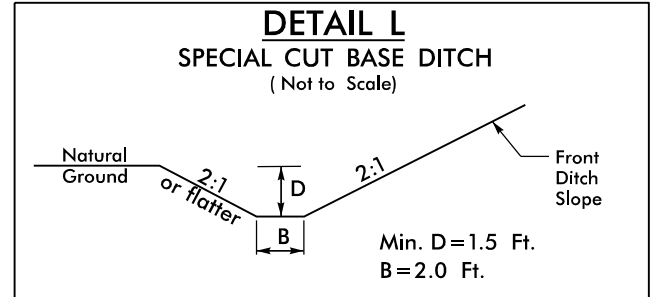
5/14/99
 I:\DEC-2019\09-25-19\NCDOT\15740\Hydro\utils\CADD\PSH.E&S\CAR5740_rdy_PSH_33.dgn
 \$\$\$SUN\$CHANGES\$\$\$

MATCHLINE SEE SHEET EC-32
 -L- STA 153+00

MATCHLINE SEE SHEET EC-34
 -L- STA 165+00



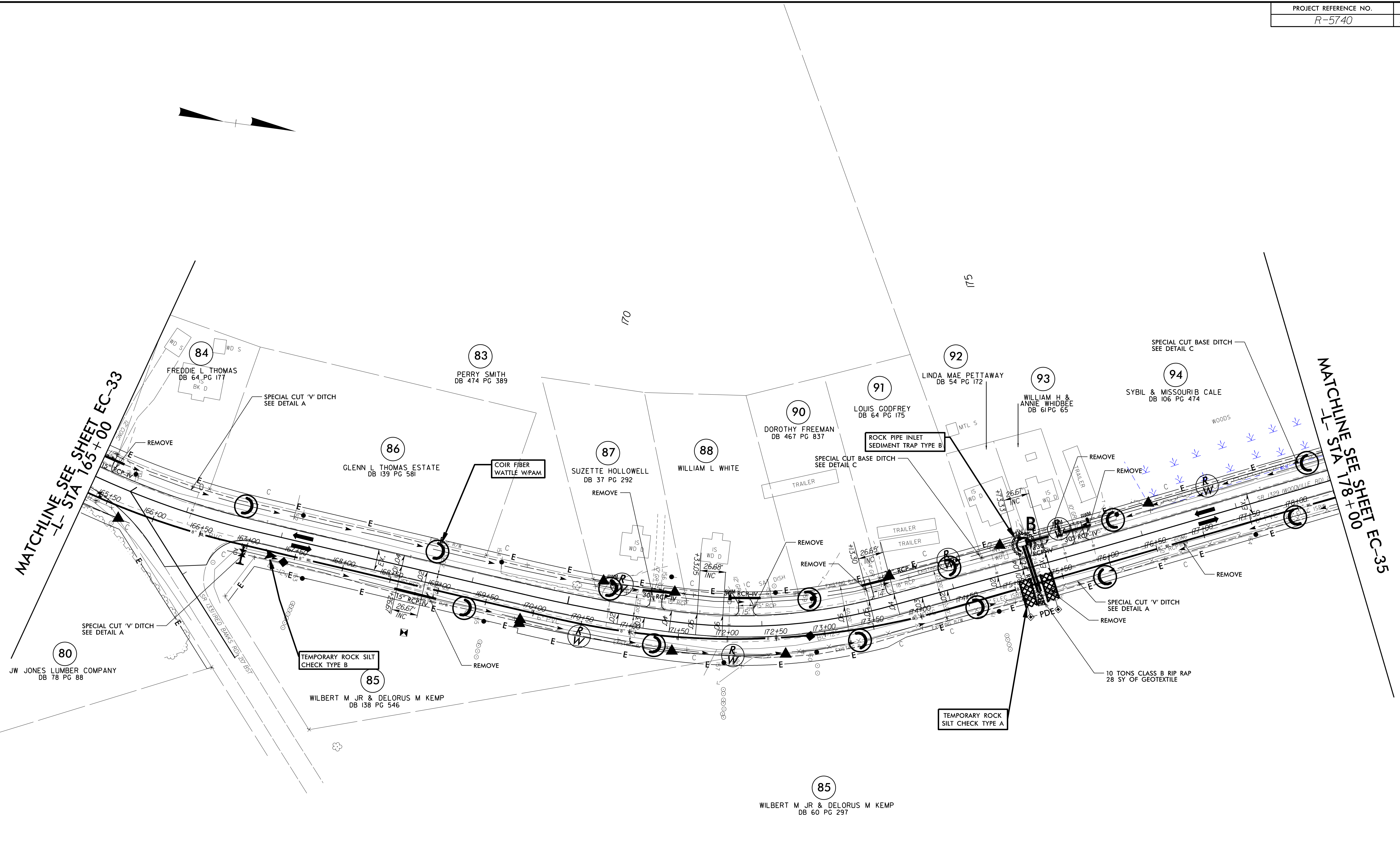
FROM -L- STA. 163+28 TO -L- STA. 170+77 LT Min. D=1.5 Ft.
 FROM -L- STA. 161+71 TO -L- STA. 165+00 RT Min. D=1.5 Ft.



FROM -L- STA. 133+50 TO -L- STA. 163+28 LT
 FROM -L- STA. 152+22 TO -L- STA. 161+71 RT

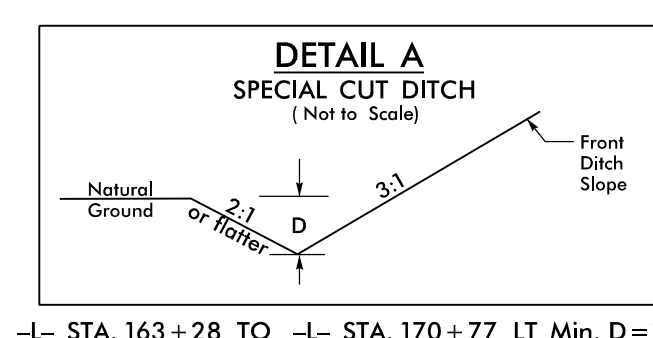
INSTALL MATTING FOR
 EROSION CONTROL IN THE
 PROPOSED DITCH LINE.

5/14/99
 19_DEC-2018 09:51
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 \$\$\$\$SUNSHINE\$\$\$\$

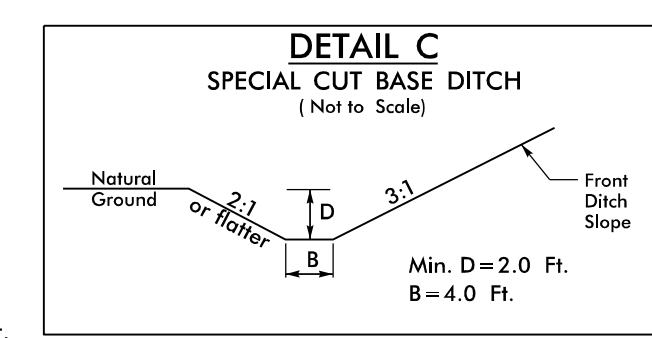


MATCHLINE SEE SHEET EC-33
 -L- STA 165+00

MATCHLINE SEE SHEET EC-35
 -L- STA 178+00



FROM -L- STA. 163+28 TO -L- STA. 170+77 LT Min. D=1.5 Ft.
 FROM -L- STA. 166+47 TO -L- STA. 174+82 RT Min. D=1.0 Ft.
 FROM -L- STA. 174+83 TO -L- STA. 188+42 RT Min. D=1.5 Ft.



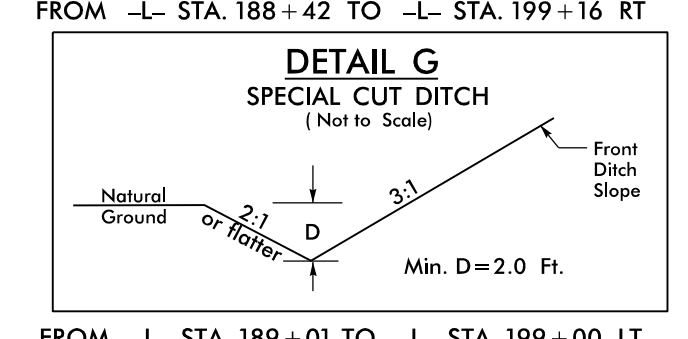
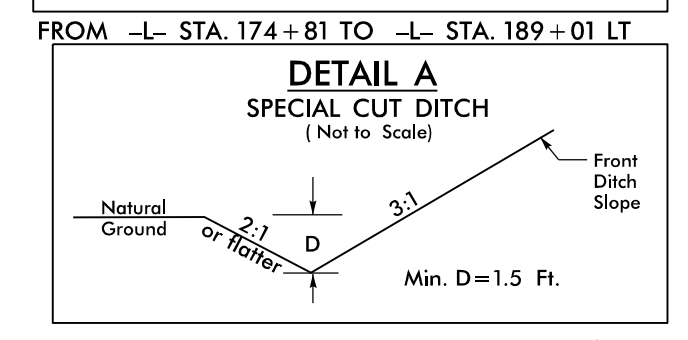
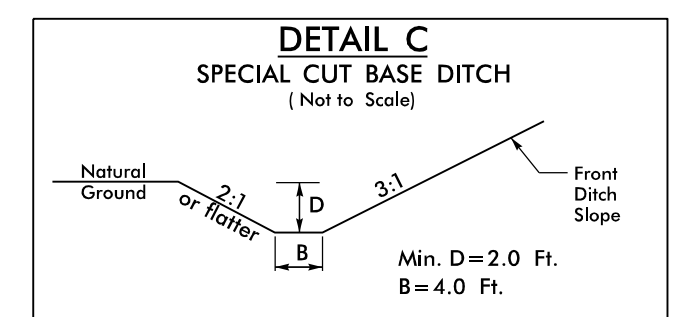
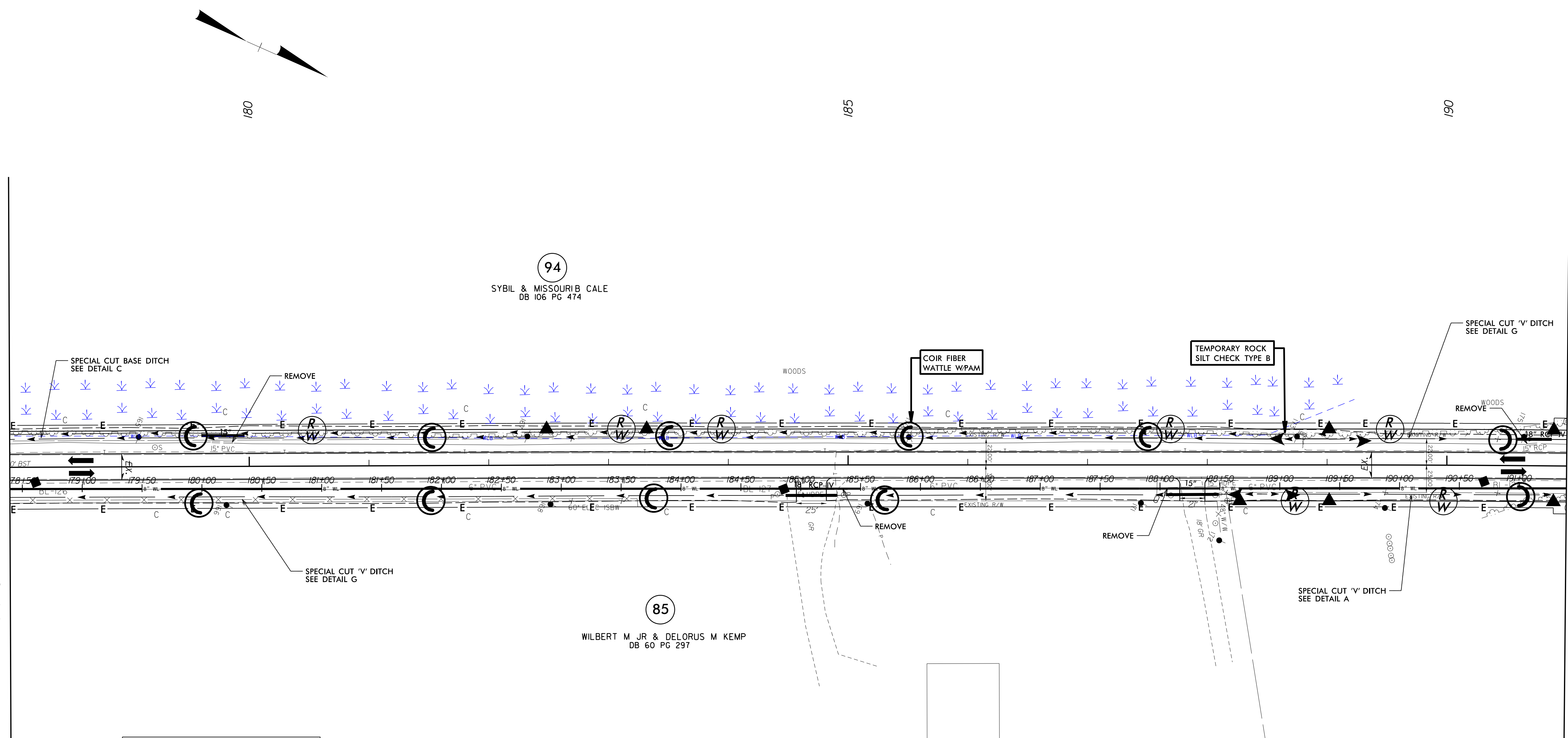
FROM -L- STA. 170+77 TO -L- STA. 174+81 LT
 FROM -L- STA. 174+81 TO -L- STA. 189+01 LT

INSTALL MATTING FOR
 EROSION CONTROL IN THE
 PROPOSED DITCH LINE.

5/14/99
 19 DEC 2016 09:37
 \\NCDOT\1\GIS\740\Hydr\au1\cs\CADD\PSH\E&S\AR5740_rdy_PSH_35.dgn
 \$\$\$\$SUSAN HARRIS\$\$\$\$

MATCHLINE SEE SHEET EC-34
 -L- STA 178+00

MATCHLINE SEE SHEET EC-36
 -L- STA 191+00



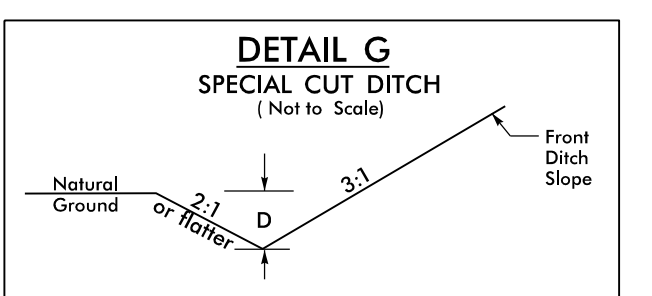
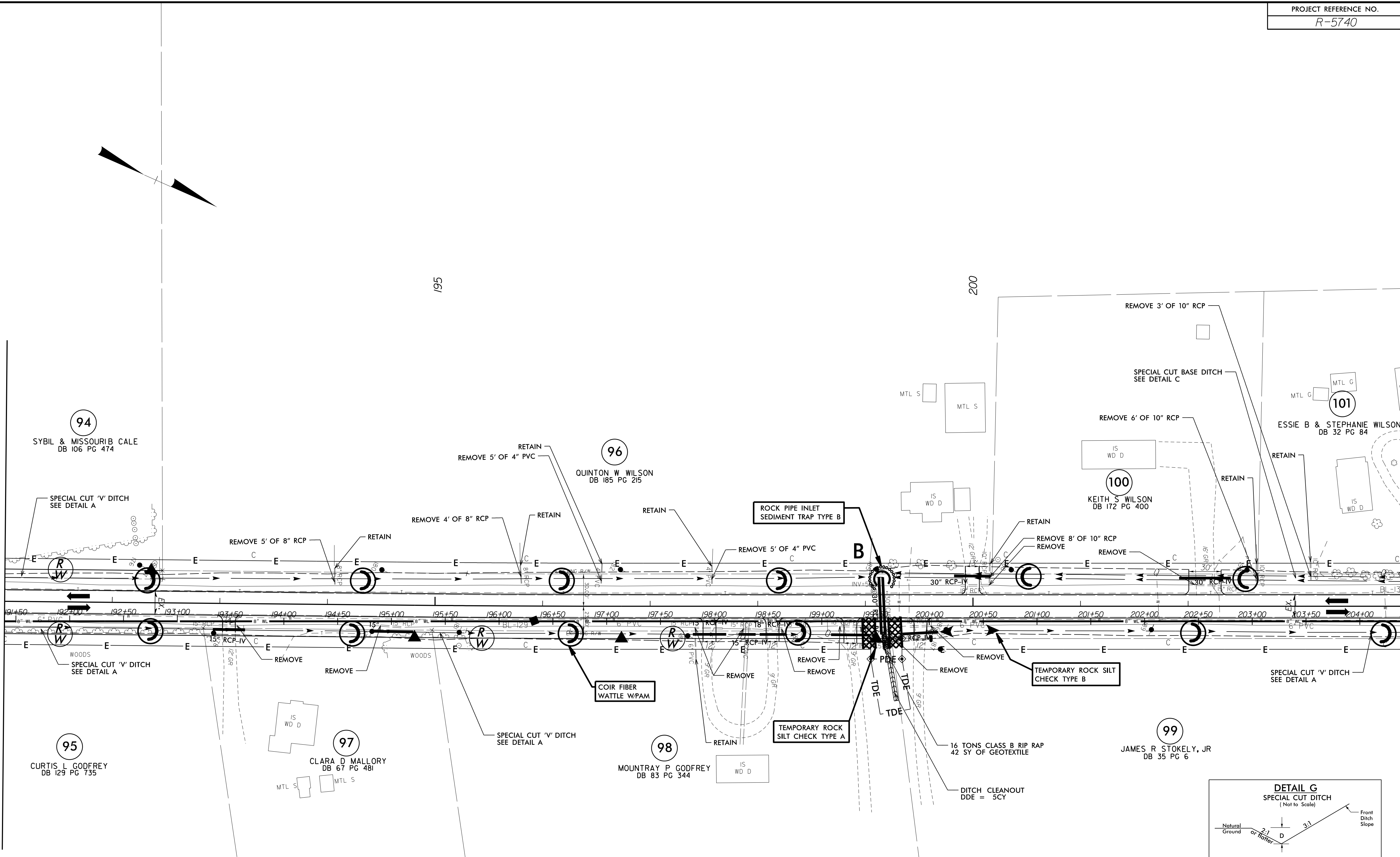
95
CURTIS L GODFREY
DB 129 PG 735

INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.

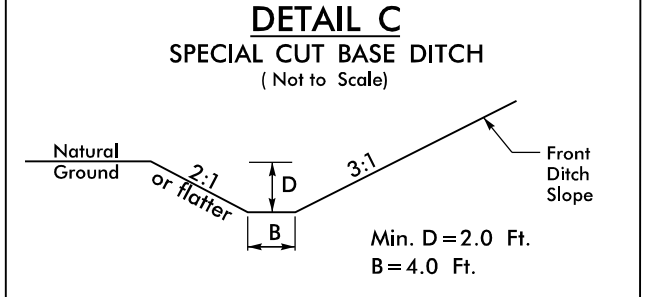
19 DEC 2016 09:37
 \\NCDOT\IT\GIS\740\Hydr-aulincs\CADD\PSHA.E&S\5740_rdy_PSH_36.dgn
 \$\$\$\$SUSAN HARRIS\$\$\$\$

MATCHLINE SEE SHEET EC-35
 -L- STA 191+00

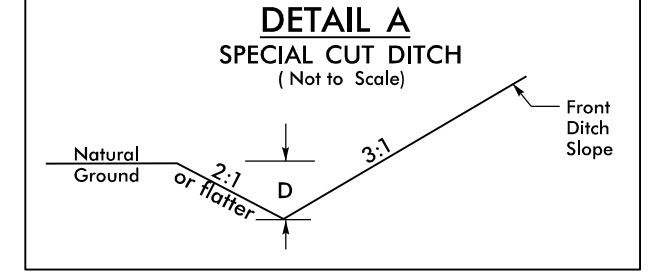
MATCHLINE SEE SHEET EC-37
 -L- STA 204+00



FROM -L- STA. 189+01 TO -L- STA. 193+00 LT Min. D=1.5 Ft.
 FROM -L- STA. 193+00 TO -L- STA. 199+00 LT Min. D=2.0 Ft.



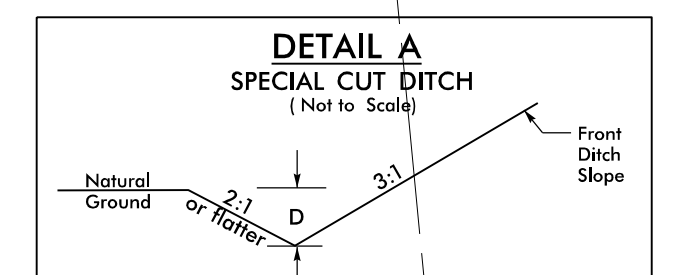
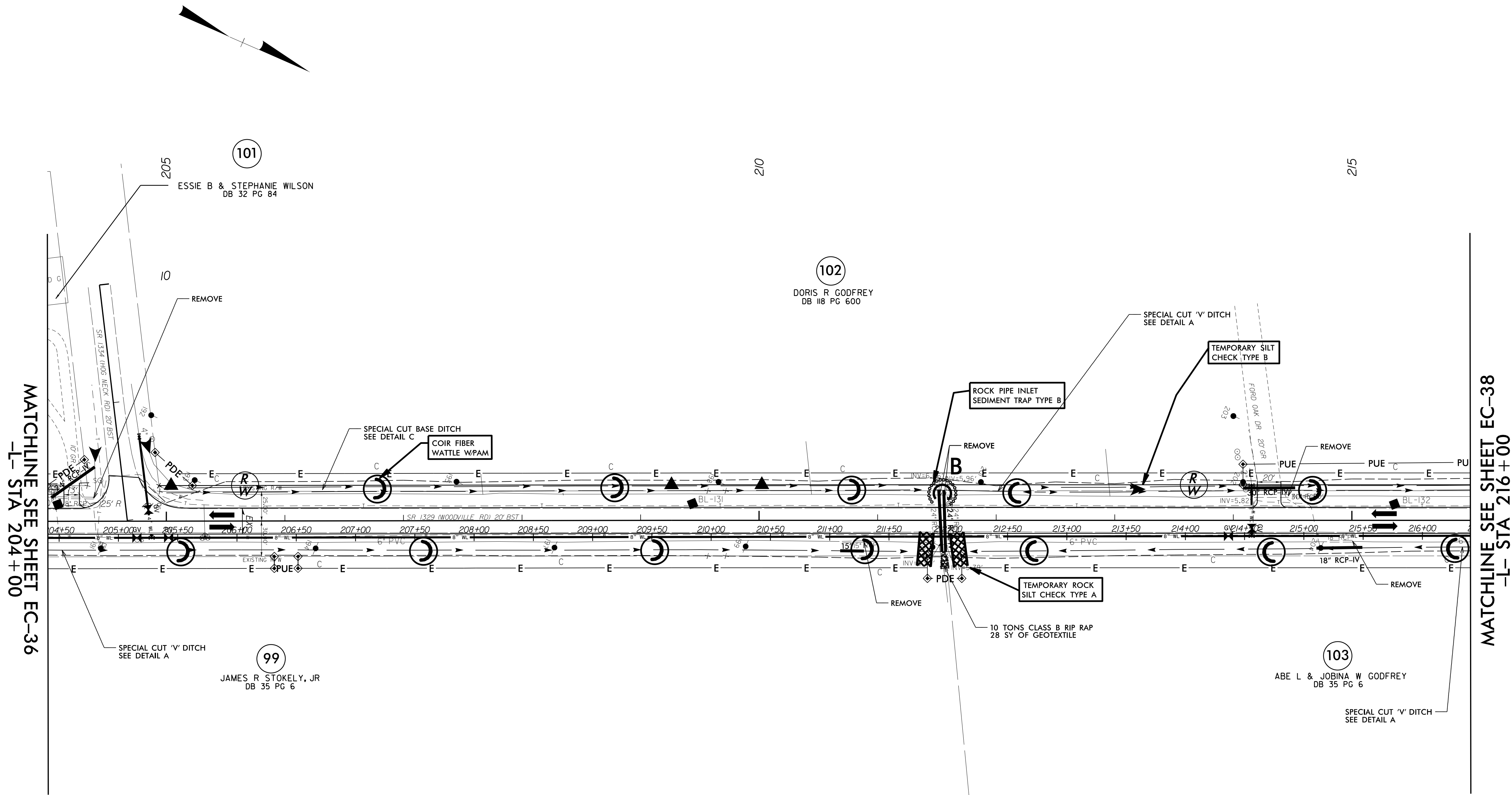
FROM -L- STA. 199+15 TO -L- STA. 204+00 LT



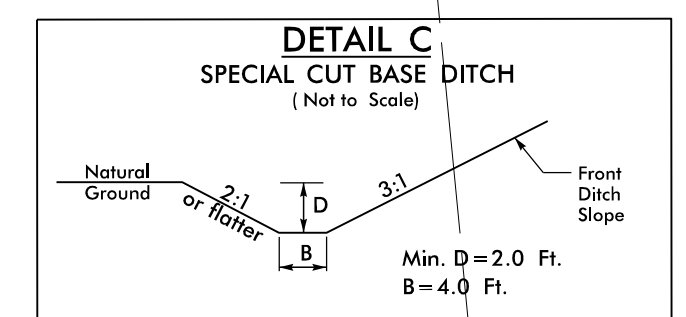
FROM -L- STA. 188+42 TO -L- STA. 199+16 RT Min. D=1.5 Ft.
 FROM -L- STA. 199+17 TO -L- STA. 205+00 RT Min. D=1.0 Ft.
 FROM -L- STA. 205+00 TO -L- STA. 211+53 RT Min. D=1.5 Ft.

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

5/14/99
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 \$\$\$\$SUSAN RICHARDS\$\$\$\$



FROM -L- STA. 199+17 TO -L- STA. 205+00 RT Min. D=1.0 Ft.
 FROM -L- STA. 205+00 TO -L- STA. 211+53 RT Min. D=1.5 Ft.
 FROM -L- STA. 211+58 TO -L- STA. 212+37 LT Min. D=1.5 Ft.
 FROM -L- STA. 211+59 TO -L- STA. 217+40 RT Min. D=1.0 Ft.



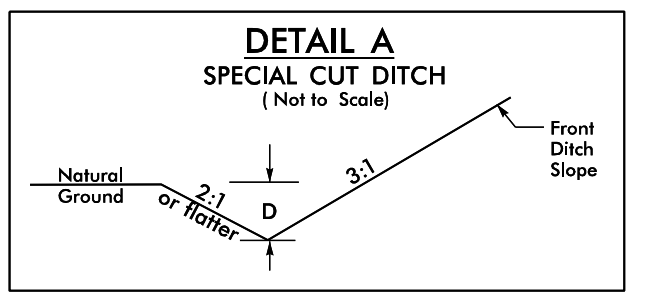
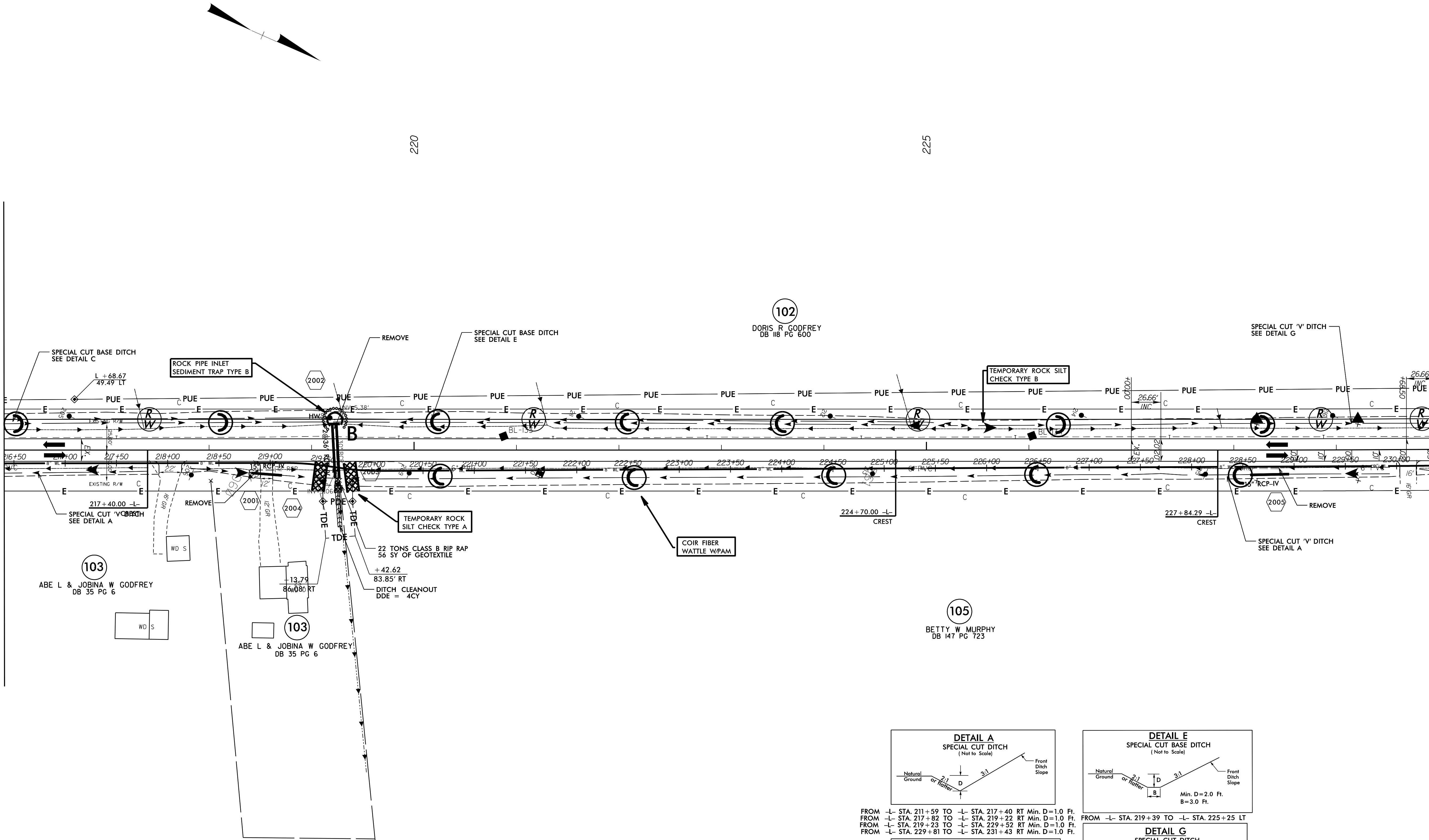
FROM -L- STA. 205+04 TO -L- STA. 211+51 LT
 FROM -L- STA. 212+37 TO -L- STA. 219+21 LT

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

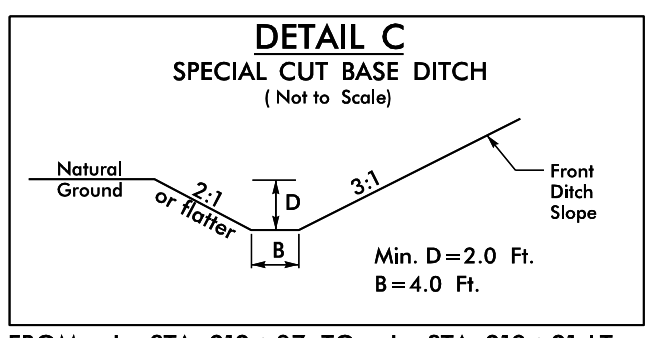
5/14/99
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MATCHLINE SEE SHEET EC-37
 -L- STA 216+00

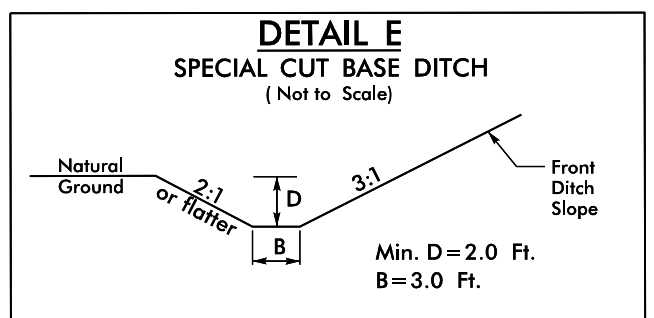
MATCHLINE SEE SHEET EC-39
 -L- STA 230+00



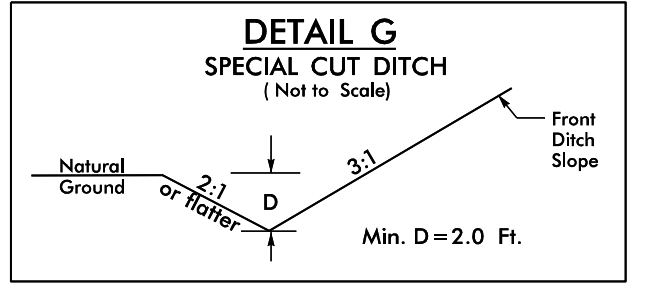
FROM -L- STA. 211+59 TO -L- STA. 217+40 RT Min. D=1.0 Ft.
 FROM -L- STA. 217+82 TO -L- STA. 219+22 RT Min. D=1.0 Ft.
 FROM -L- STA. 219+23 TO -L- STA. 229+52 RT Min. D=1.0 Ft.
 FROM -L- STA. 229+81 TO -L- STA. 231+43 RT Min. D=1.0 Ft.



FROM -L- STA. 212+37 TO -L- STA. 219+21 LT



FROM -L- STA. 219+39 TO -L- STA. 225+25 LT
 FROM -L- STA. 225+25 TO -L- STA. 231+39 LT

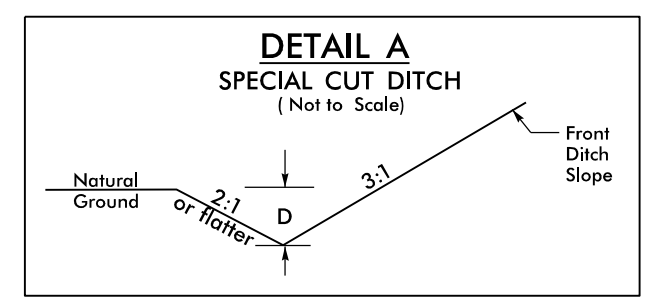
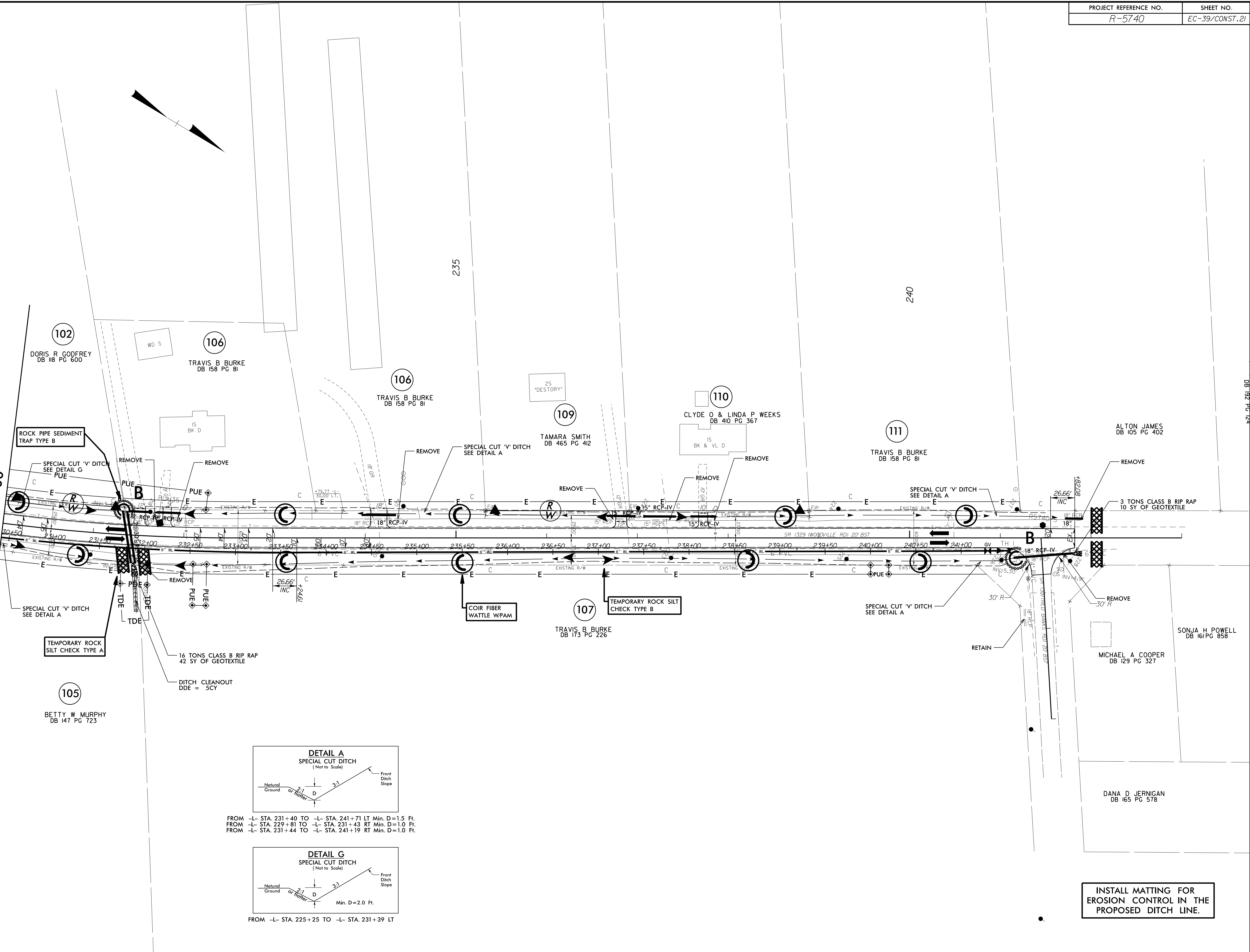


FROM -L- STA. 225+25 TO -L- STA. 231+39 LT

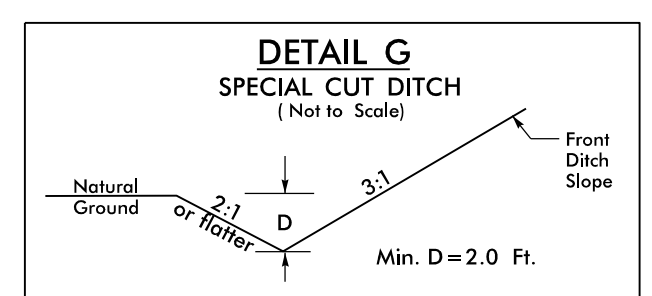
INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

5/14/99
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 \$\$\$\$SUSAN HARRIS\$\$\$\$

MATCHLINE SEE SHEET EC-38
 -L- STA 230+00



FROM -L- STA. 231+40 TO -L- STA. 241+71 LT Min. D=1.5 Ft.
 FROM -L- STA. 229+81 TO -L- STA. 231+43 RT Min. D=1.0 Ft.
 FROM -L- STA. 231+44 TO -L- STA. 241+19 RT Min. D=1.0 Ft.



FROM -L- STA. 225+25 TO -L- STA. 231+39 LT

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.