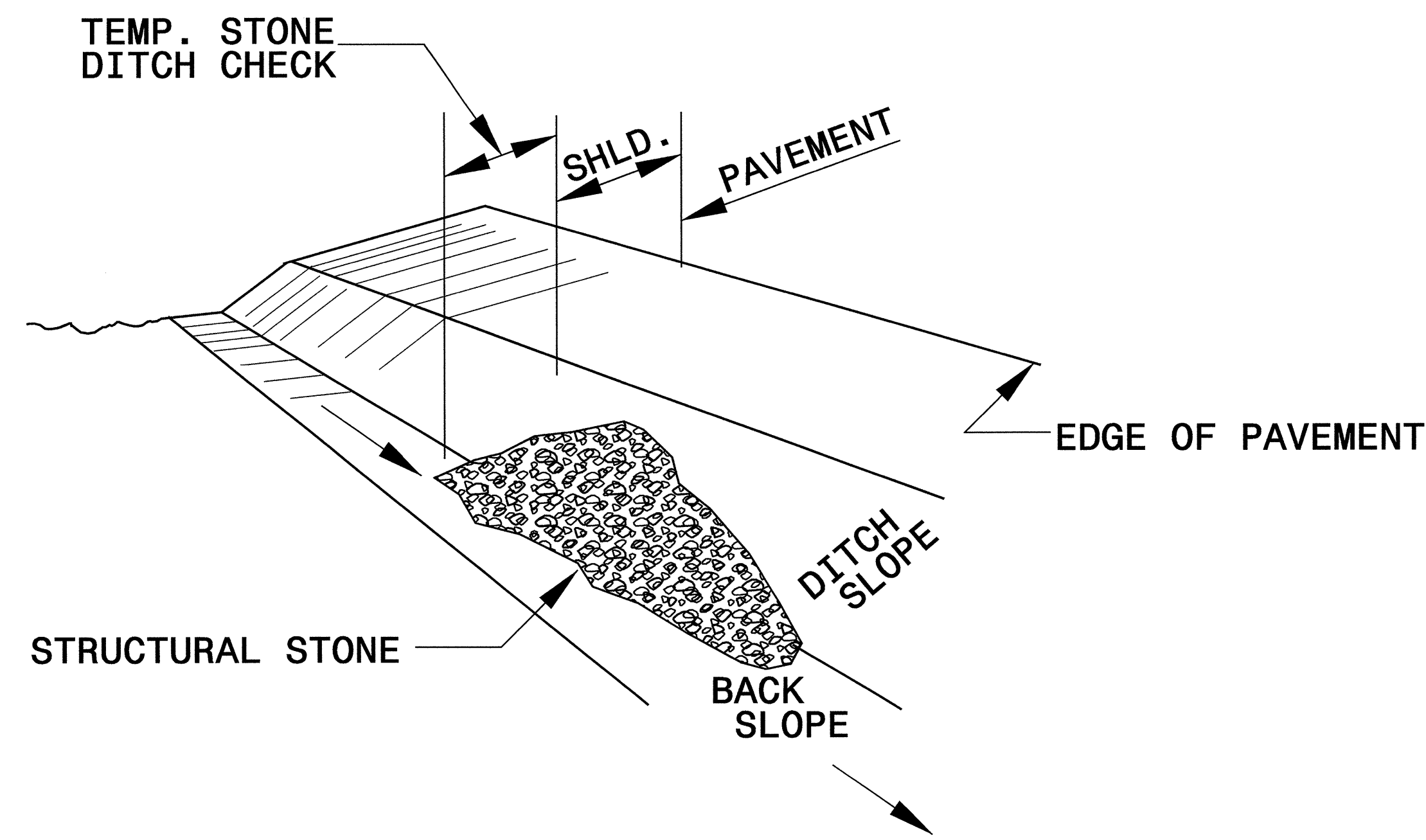




PROJECT REFERENCE NO. U-2510A	SHEET NO. EC-2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

# TEMPORARY ROCK SILT CHECK TYPE 'B' DETAIL

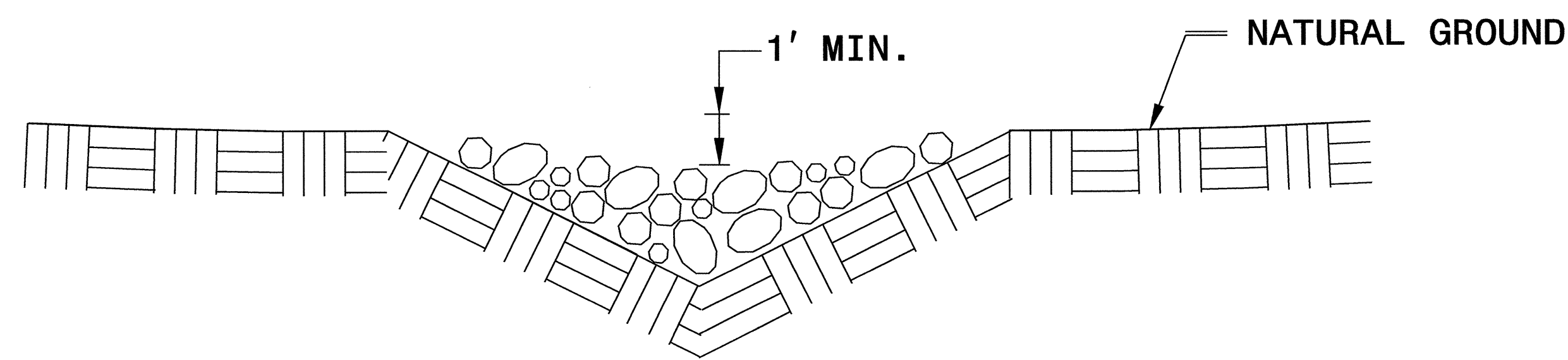


**ISOMETRIC VIEW**

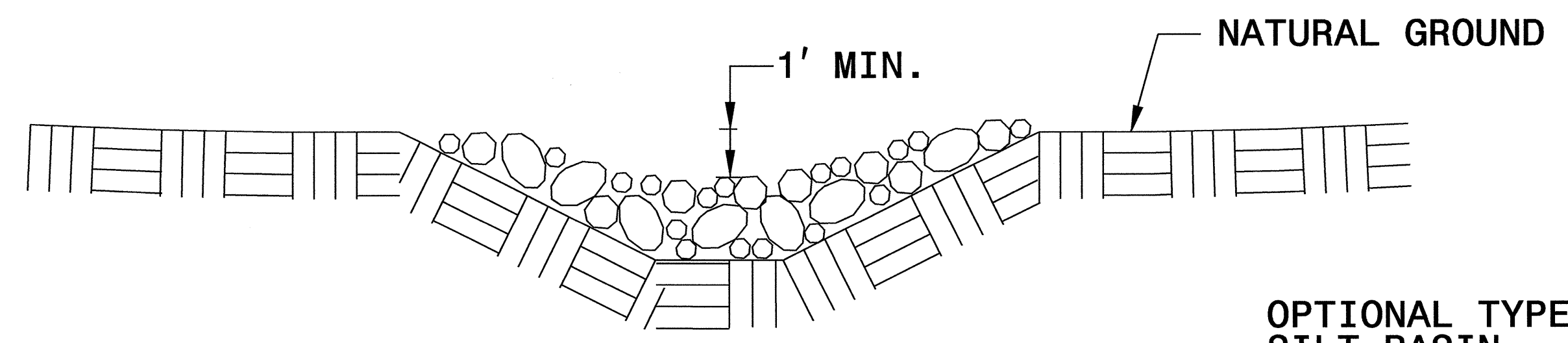
**NOTES:**

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

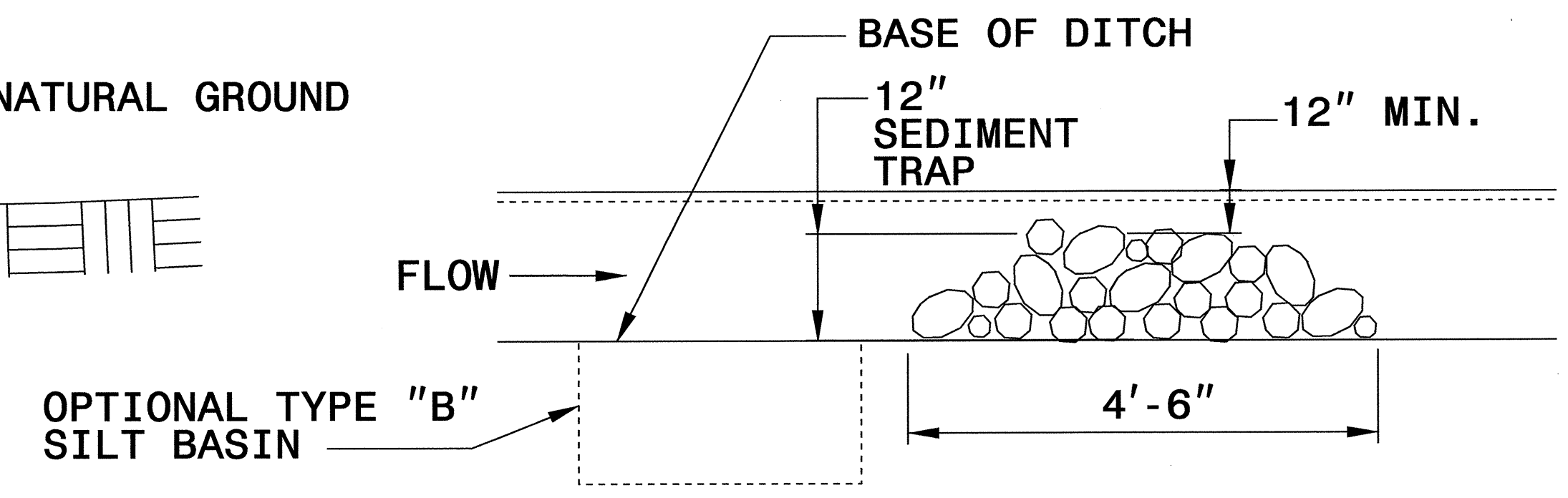
THE ENGINEER MAY DIRECT THE OPTION OF CLASS "A" STONE FOR SITES HAVING LESS THAN ONE (1) ACRE DRAINAGE AREA AND A DITCH GRADE LESS THAN 3%.



**CROSS SECTION VEE DITCH**



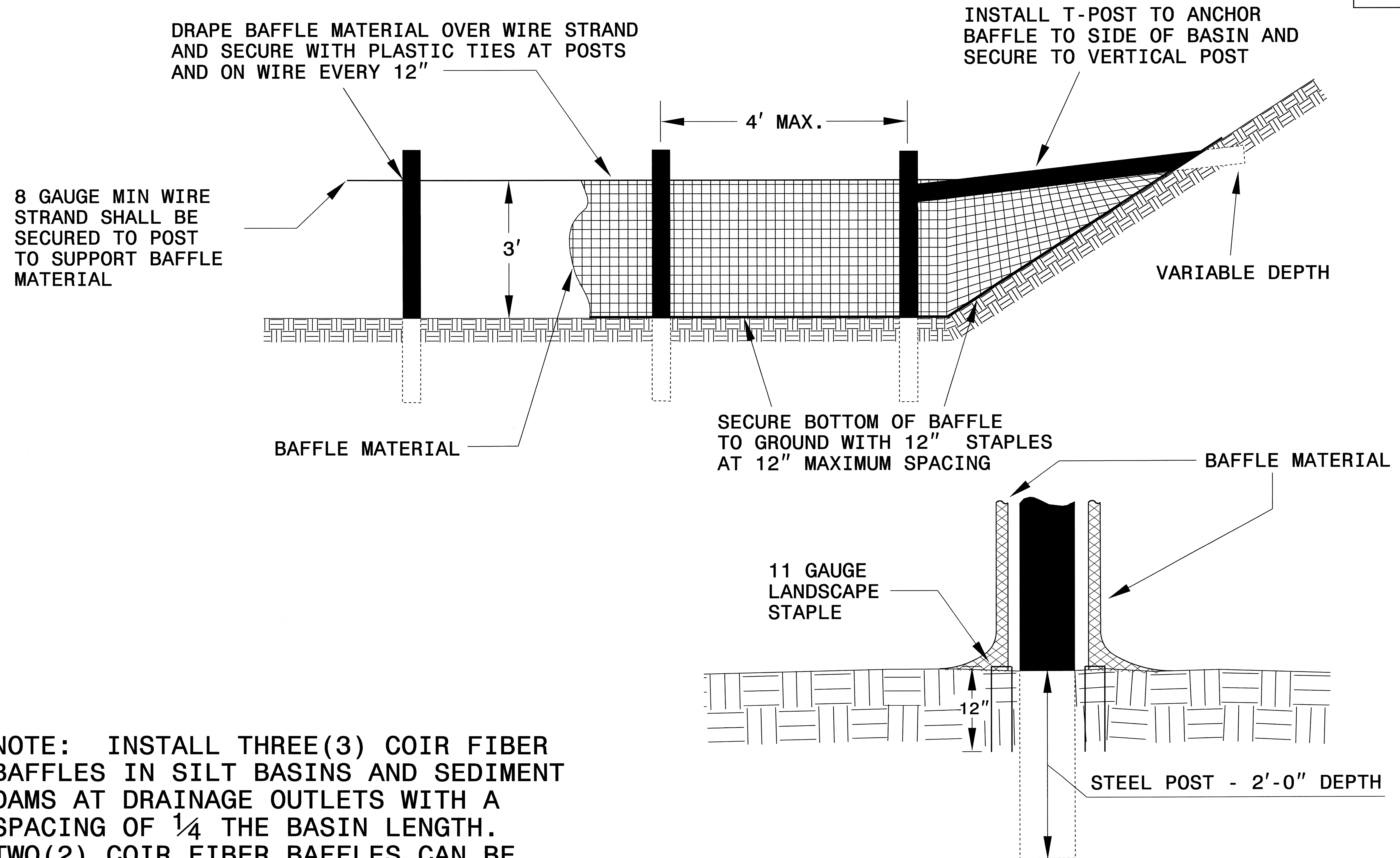
**CROSS SECTION TRAPEZOIDAL DITCH**



**ELEVATION VIEW**

PROJECT REFERENCE NO. U-2510A	SHEET NO. EC-2A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

# COIR FIBER BAFFLE DETAIL

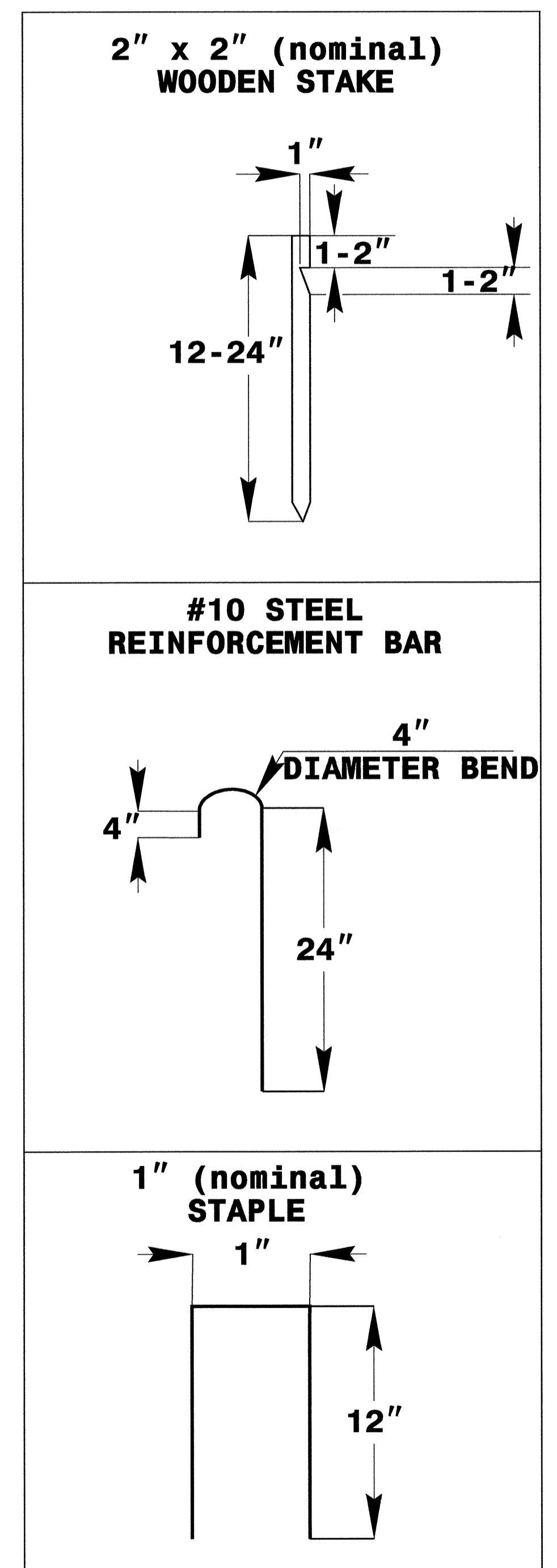
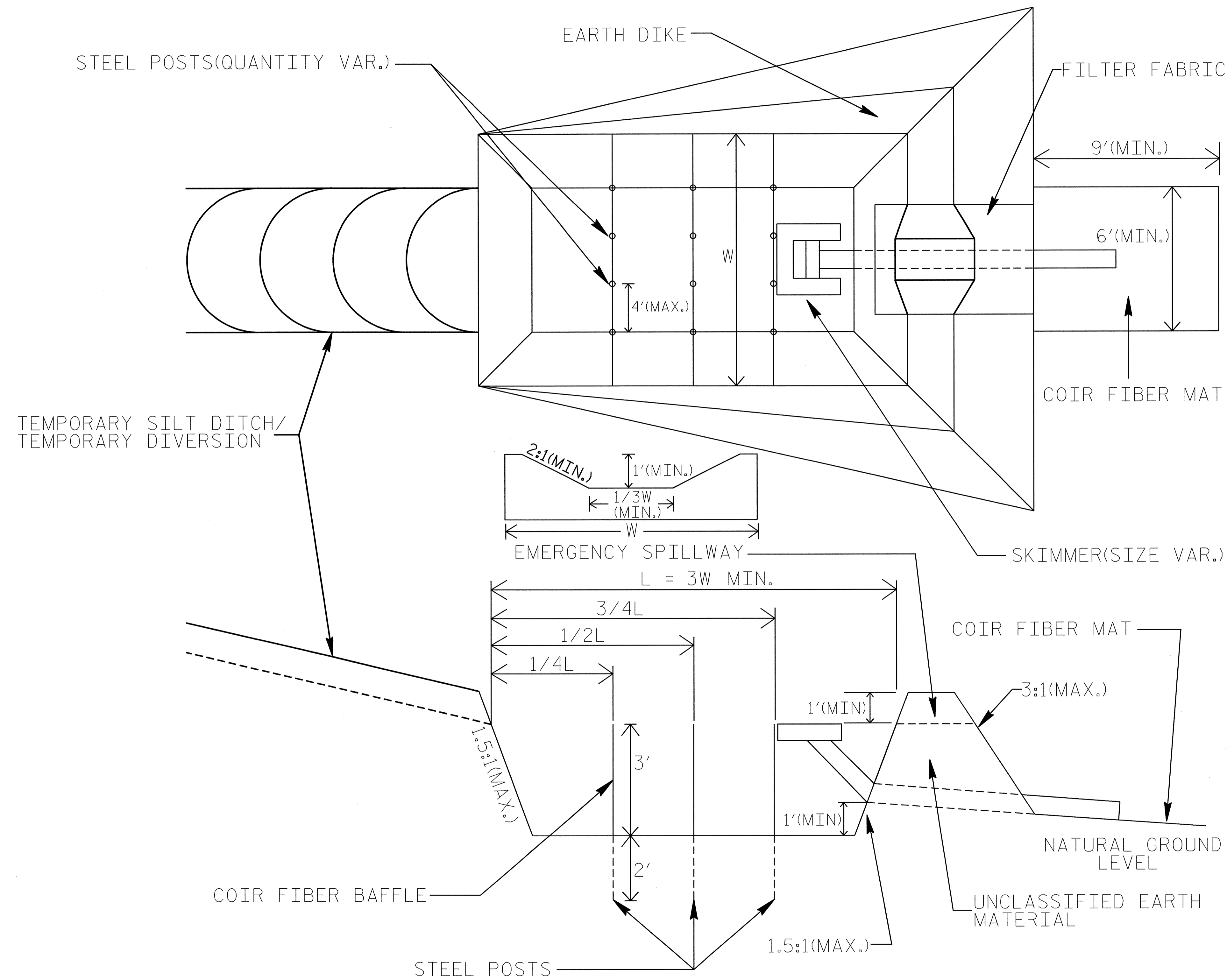


NOTE: INSTALL THREE(3) COIR FIBER BAFFLES IN SILT BASINS AND SEDIMENT DAMS AT DRAINAGE OUTLETS WITH A SPACING OF  $\frac{1}{4}$  THE BASIN LENGTH. TWO(2) COIR FIBER BAFFLES CAN BE INSTALLED IN SILT BASINS AND DAMS LESS THAN 20 FT. IN LENGTH WITH A SPACING OF  $\frac{1}{3}$  THE BASIN LENGTH.



# SKIMMER BASIN WITH BAFFLES DETAIL

PROJECT REFERENCE NO. U-2510A	SHEET NO. EC-2B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

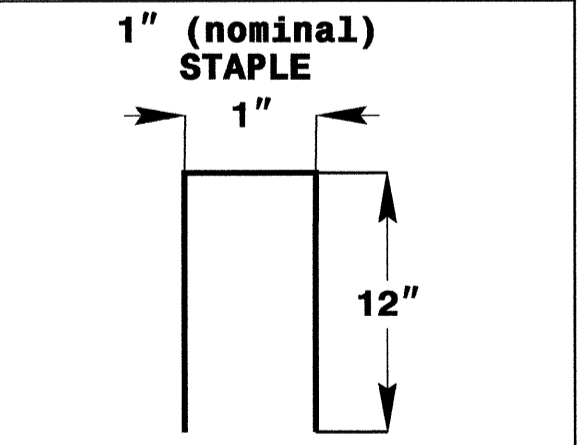
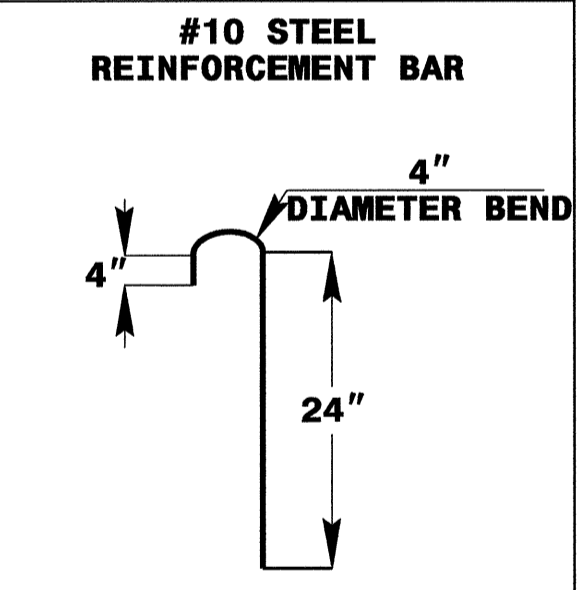
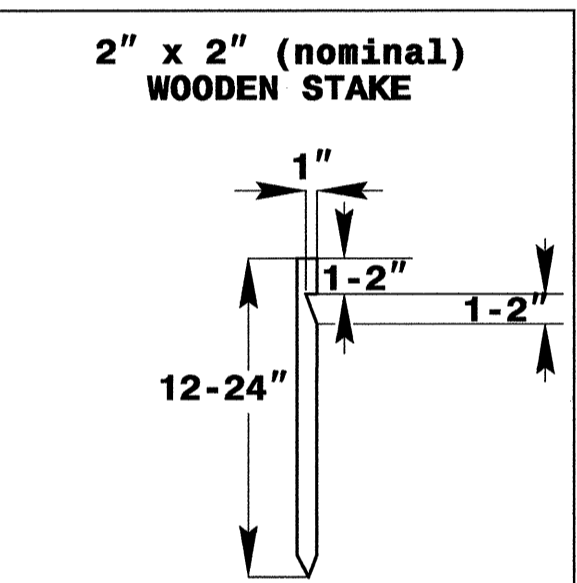
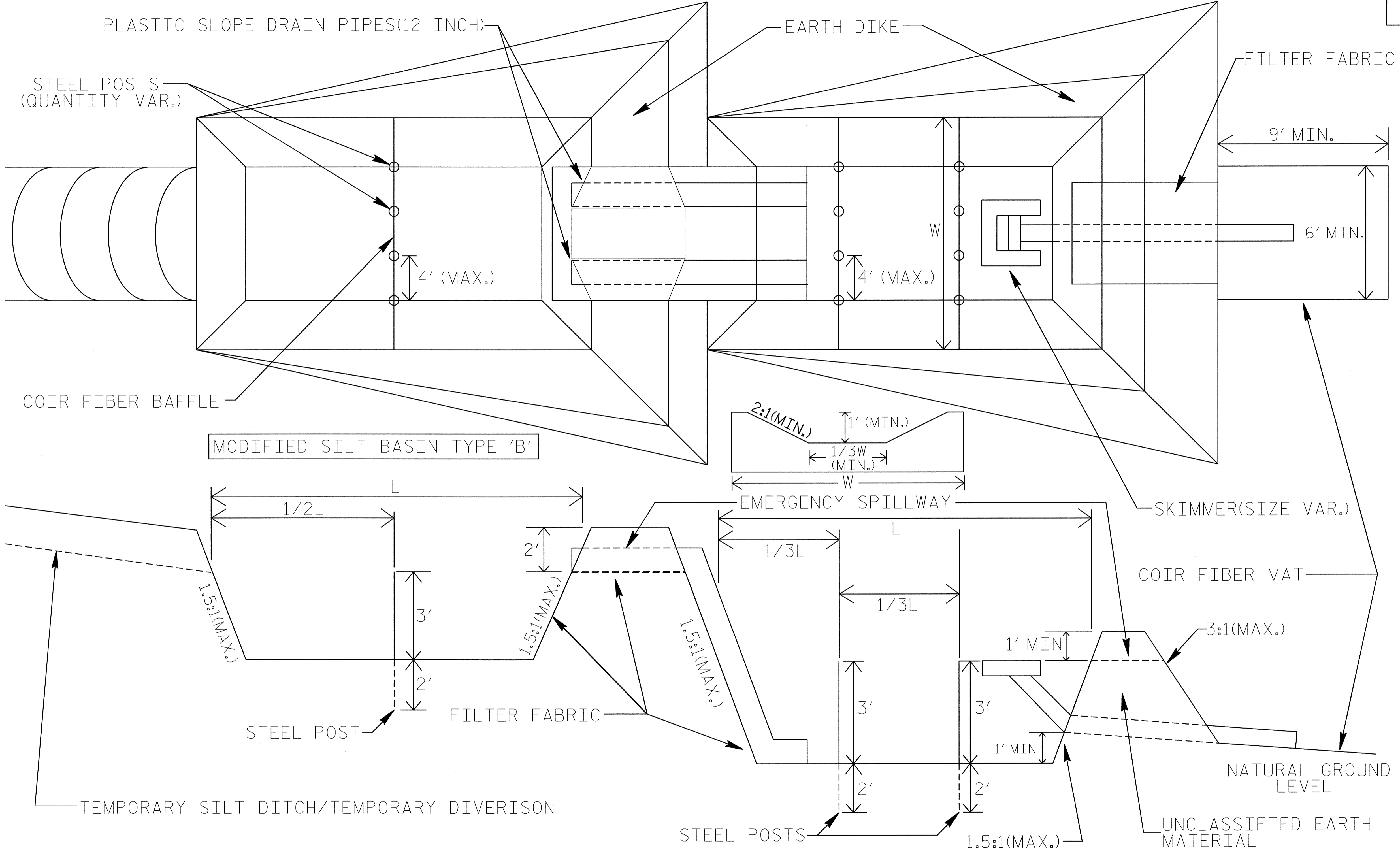


**COIR FIBER MAT ANCHOR OPTIONS**



# TIERED SKIMMER BASIN DETAIL

PROJECT REFERENCE NO. U-2510A	SHEET NO. EC-2C
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



**COIR FIBER MAT ANCHOR OPTIONS**

**NOTE**

ADDITIONAL MODIFIED SILT BASINS TYPE 'B' MAY BE NEEDED DEPENDING ON SLOPE.

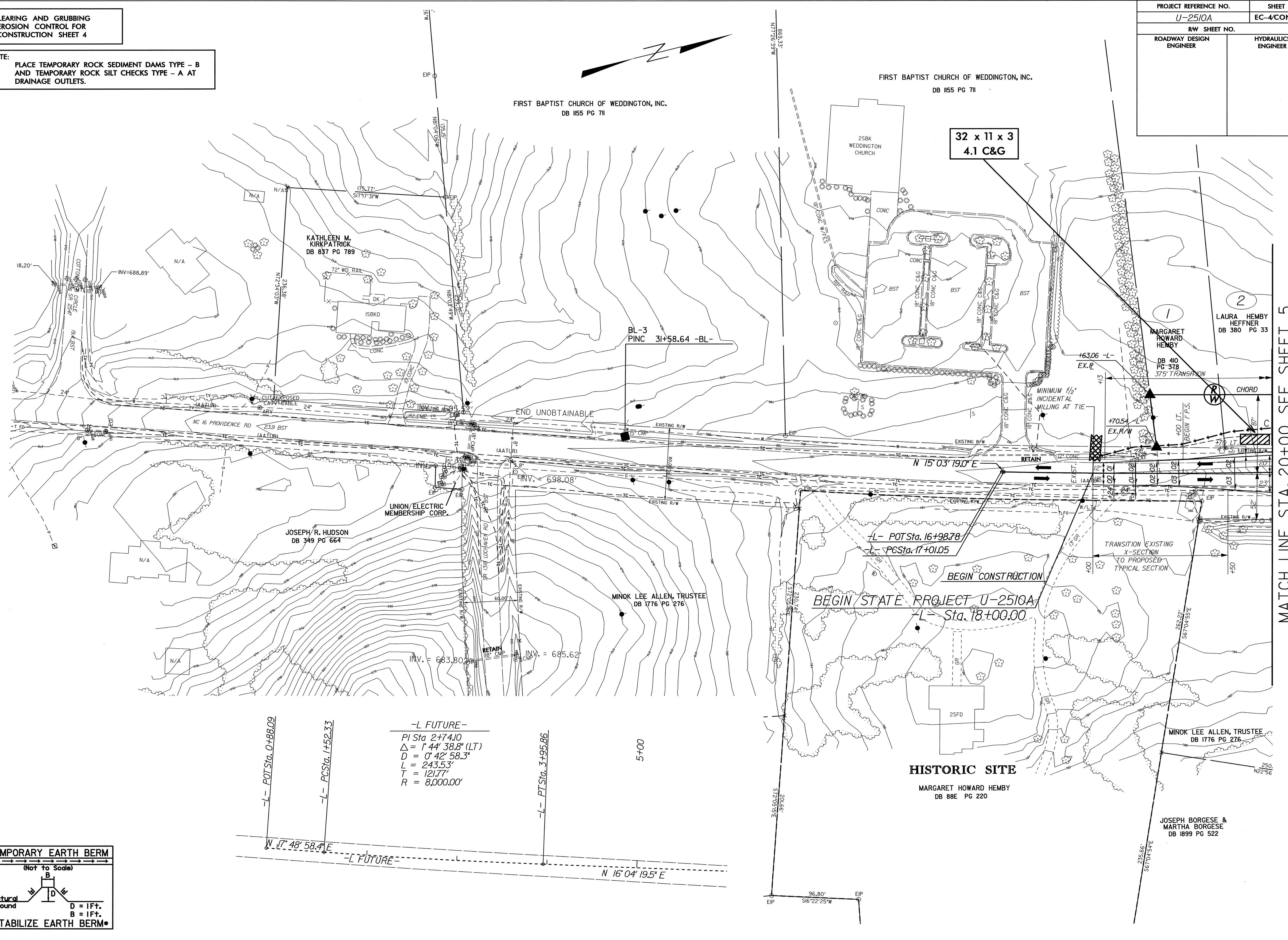




**CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 4**

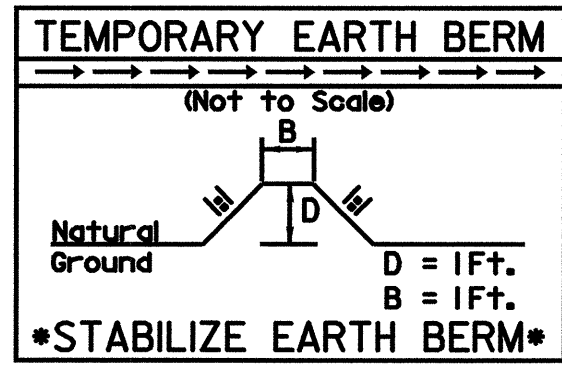
**NOTE:**  
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B  
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT  
DRAINAGE OUTLETS.

PROJECT REFERENCE NO.		SHEET NO.	
U-2510A		EC-4/CONST.4	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



MATCH LINE STA. 20+00 SEE SHEET 5

103.001.002/Roadway/Proj/U2510a\_L\_d1.psh04





PROJECT REFERENCE NO.		SHEET NO.	
U-25/0A		EC-5/CONST. 5	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

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

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 5

45 x 14 x 3  
1.5 inch Skimmer  
with 1.375 inch  
Orifice Diameter  
5ft. weir  
5.1 C&G

55 x 13x 3  
1.5 inch Skimmer  
with 1.5 inch  
Orifice Diameter  
4 ft. weir  
5.2 C&G

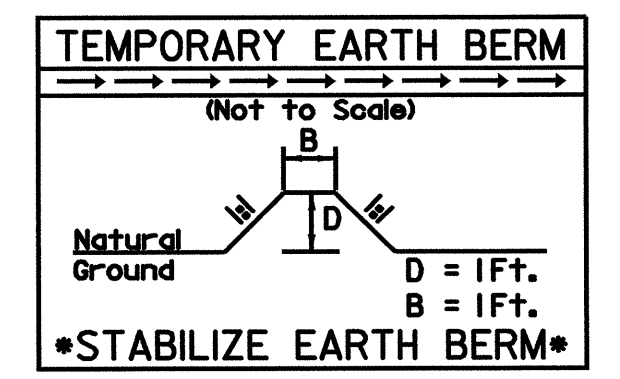
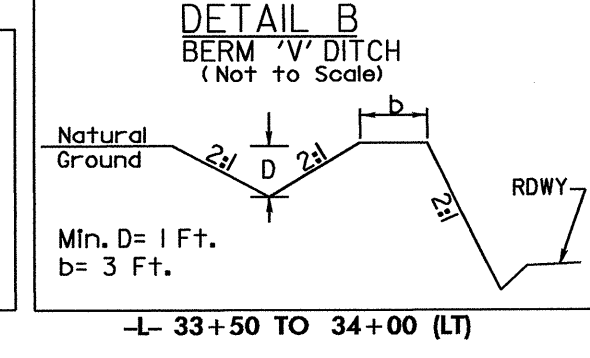
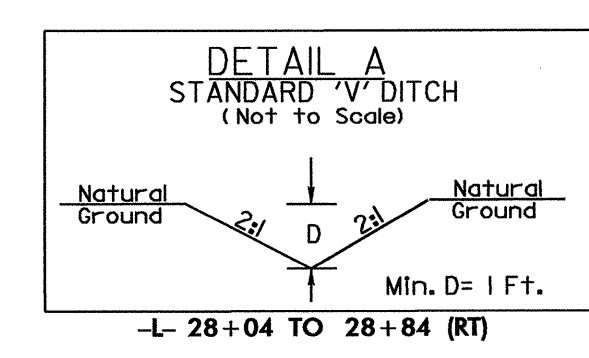
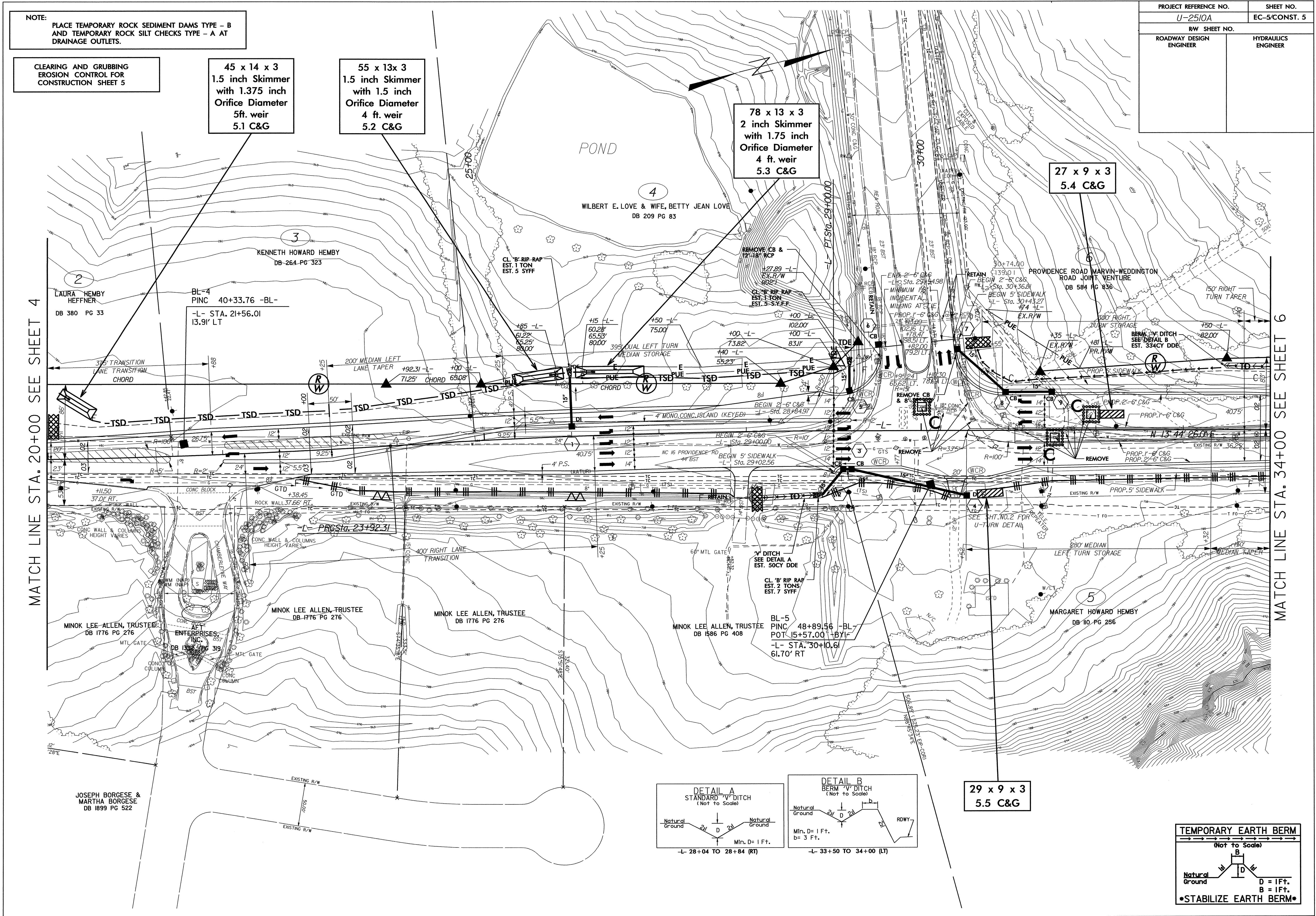
78 x 13 x 3  
2 inch Skimmer  
with 1.75 inch  
Orifice Diameter  
4 ft. weir  
5.3 C&G

27 x 9 x 3  
5.4 C&G

29 x 9 x 3  
5.5 C&G

MATCH LINE STA. 20+00 SEE SHEET 4

MATCH LINE STA. 34+00 SEE SHEET 6

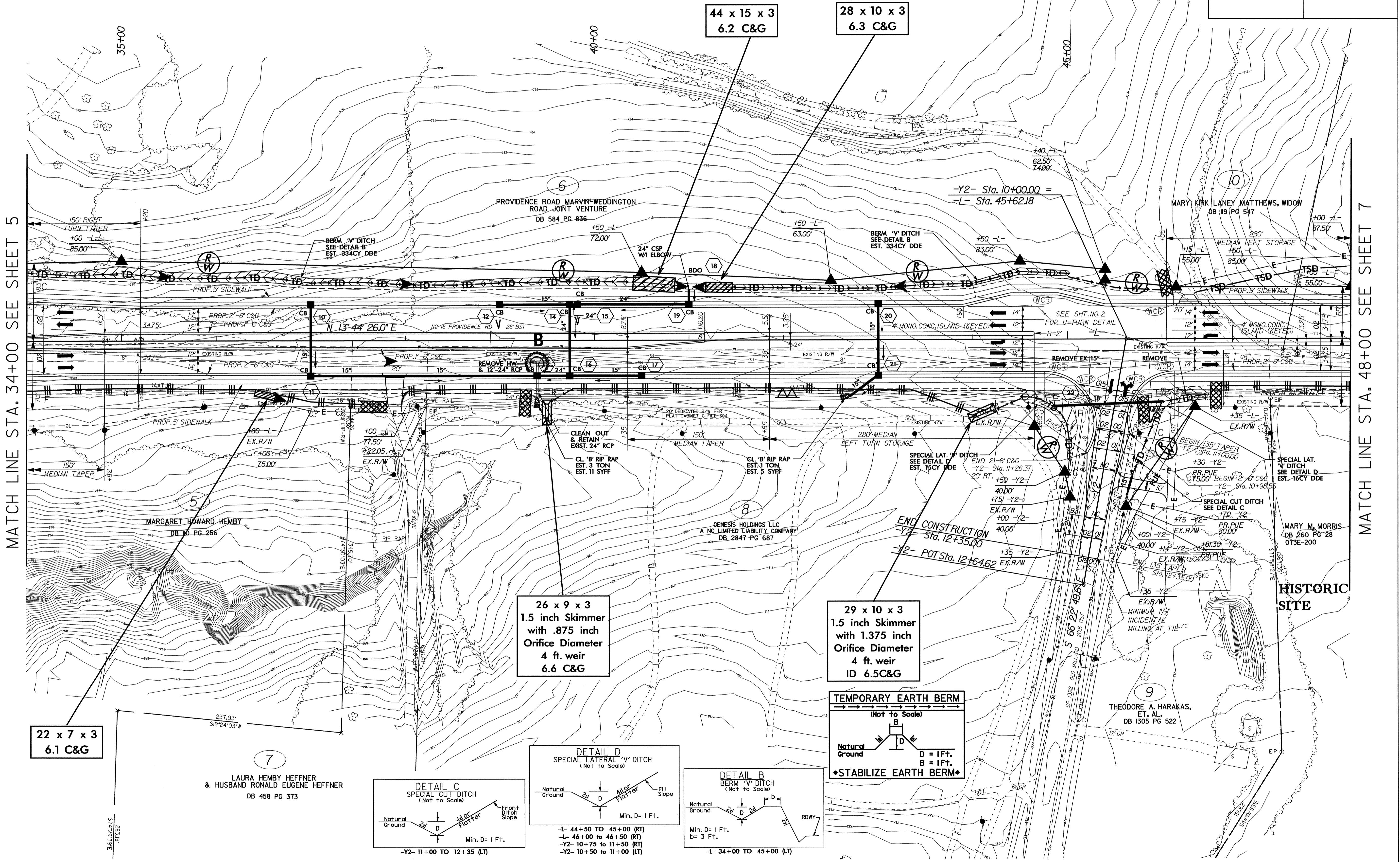




**CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 6**

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

PROJECT REFERENCE NO. U-2510A		SHEET NO. EC-6/CONST.6	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



MATCH LINE STA. 34+00 SEE SHEET 5

MATCH LINE STA. 48+00 SEE SHEET 7

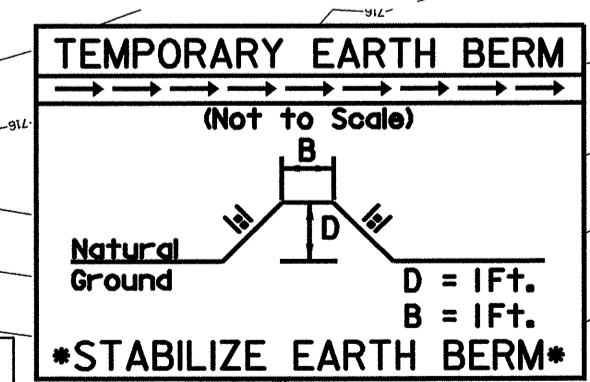
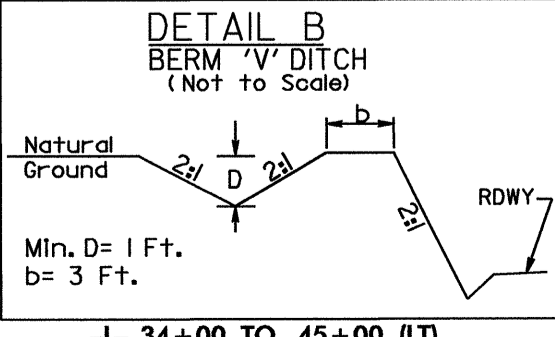
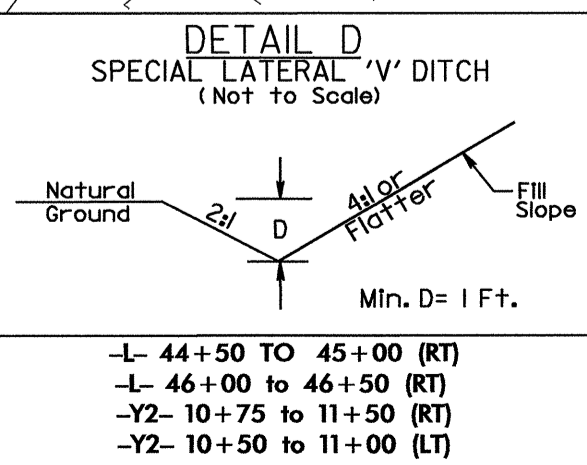
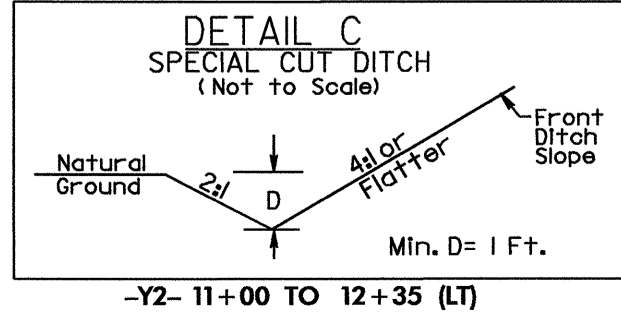
**22 x 7 x 3  
6.1 C&G**

**44 x 15 x 3  
6.2 C&G**

**28 x 10 x 3  
6.3 C&G**

**26 x 9 x 3  
1.5 inch Skimmer  
with .875 inch  
Orifice Diameter  
4 ft. weir  
6.6 C&G**

**29 x 10 x 3  
1.5 inch Skimmer  
with 1.375 inch  
Orifice Diameter  
4 ft. weir  
ID 6.5C&G**



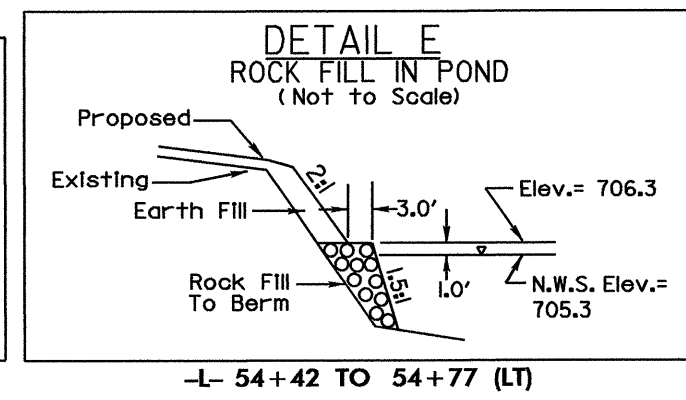
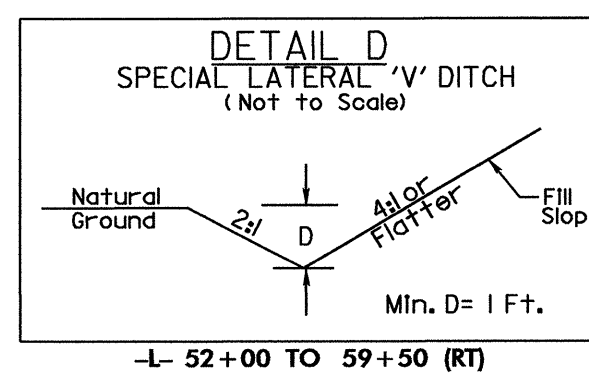
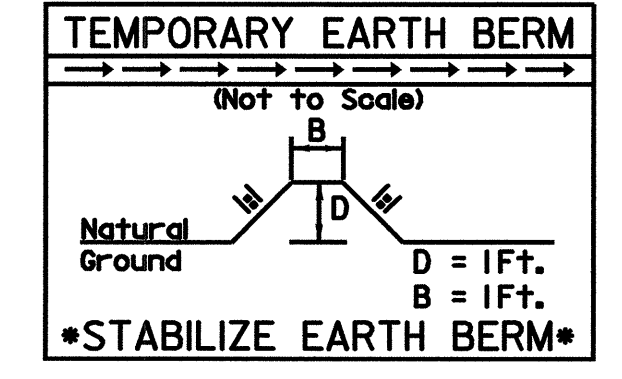
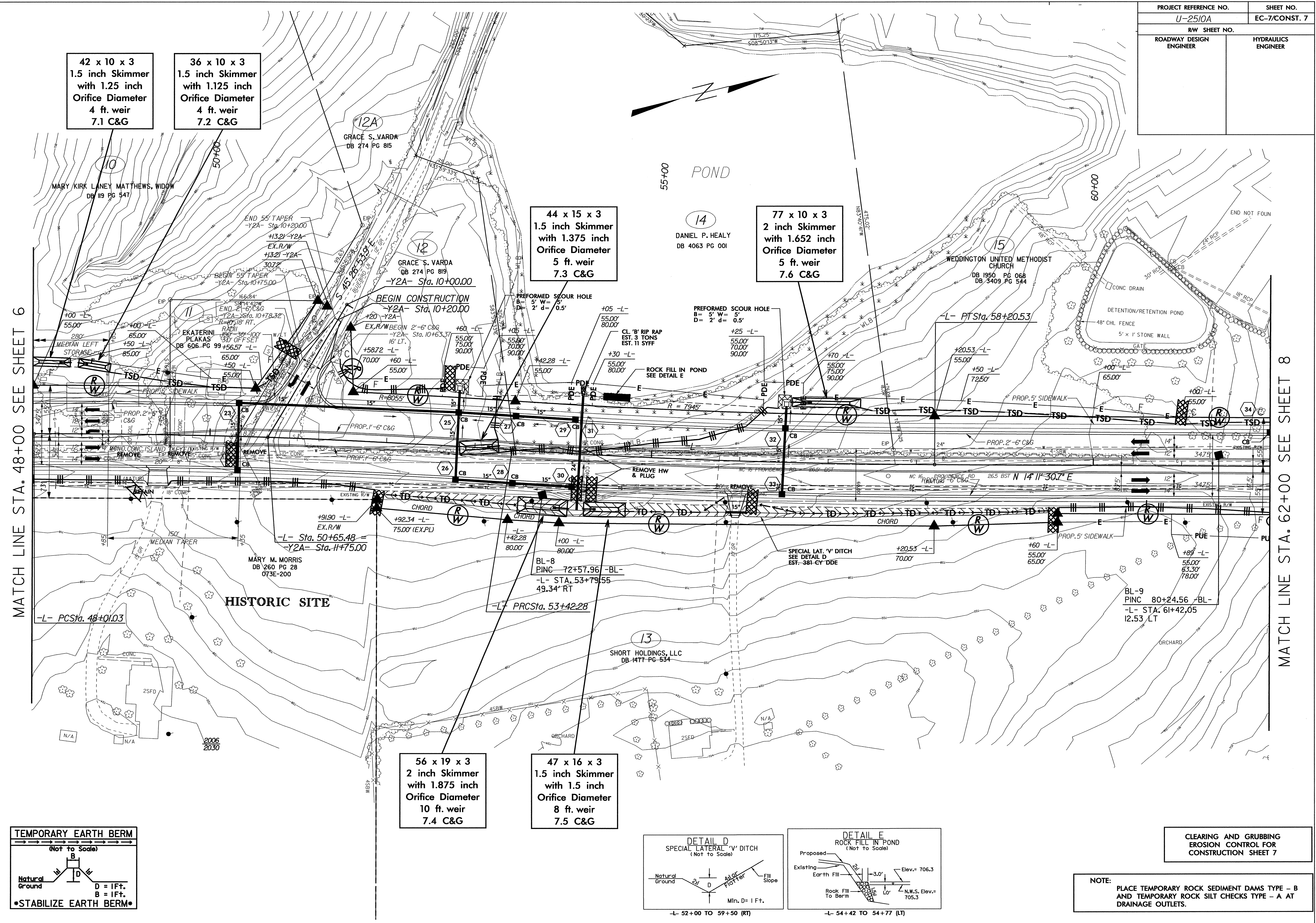
103.001.002//Roadway/Prj/U2510A-rdy\_psh06



PROJECT REFERENCE NO. U-2510A	SHEET NO. EC-7/CONST. 7
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

MATCH LINE STA. 48+00 SEE SHEET 6

MATCH LINE STA. 62+00 SEE SHEET 8



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

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

103.001.002/Roadway/Pro/U2510a\_L\_rdy\_psh07



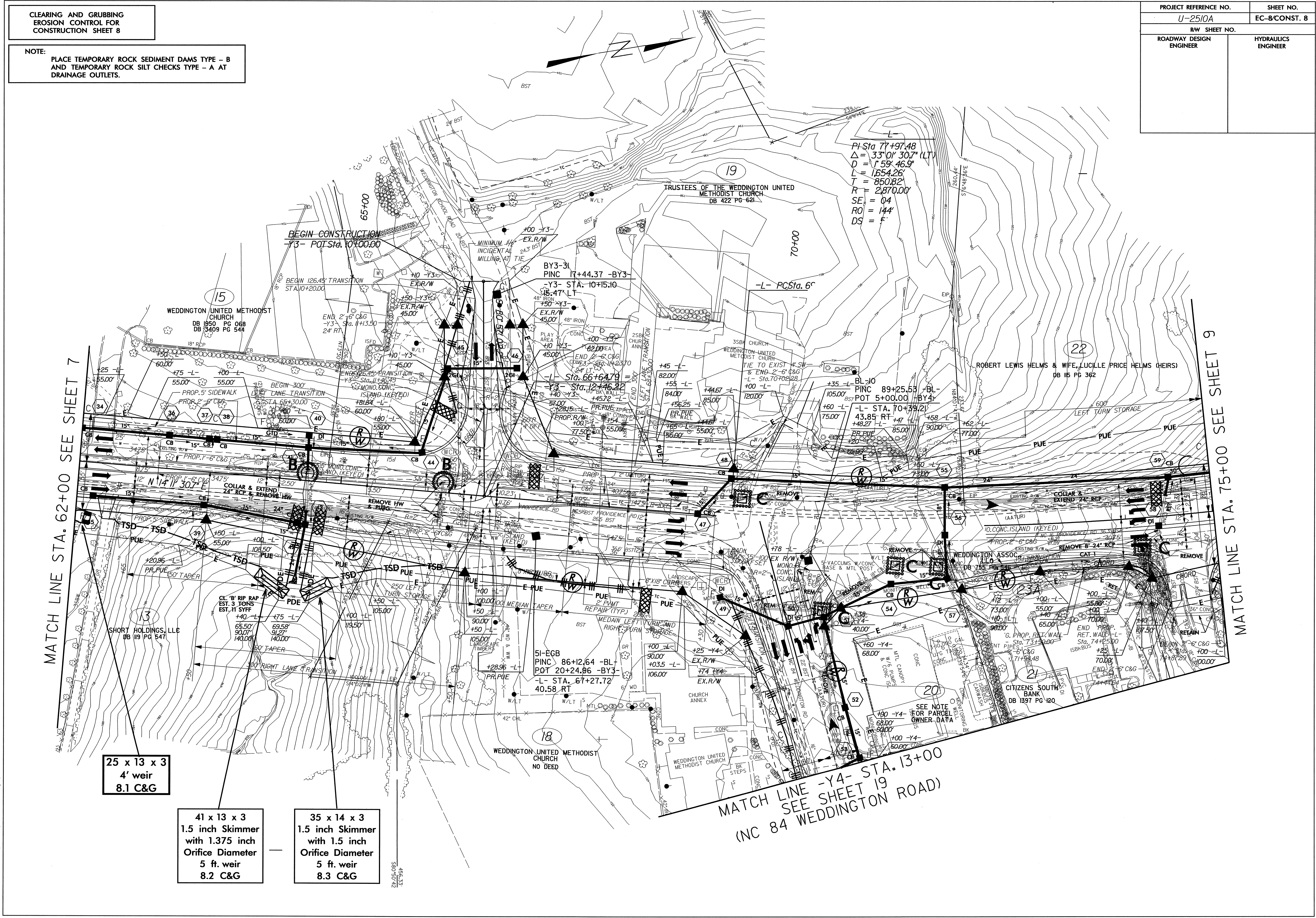
**CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 8**

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

PROJECT REFERENCE NO. U-2510A	SHEET NO. EC-8/CONST. 8
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MATCH LINE STA. 62+00 SEE SHEET 7

MATCH LINE STA. 75+00 SEE SHEET 9



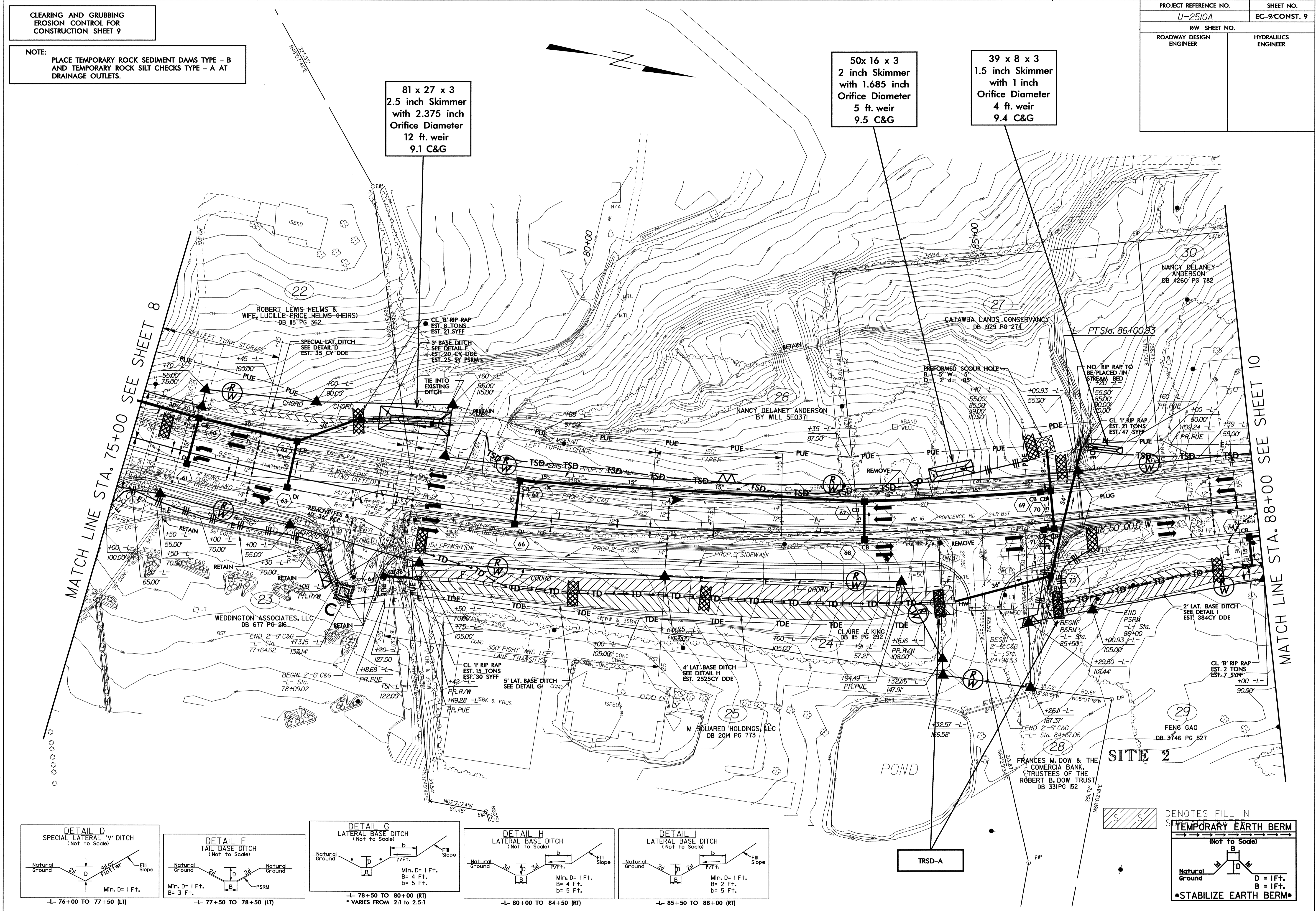
103.001.002/Roadway/Proj/U2510a\_rdy\_psh08



**CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 9**

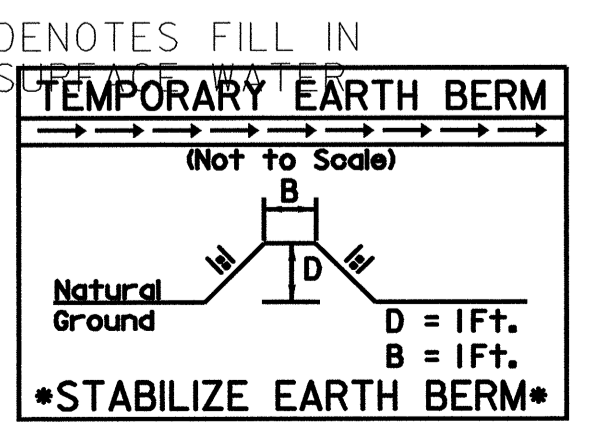
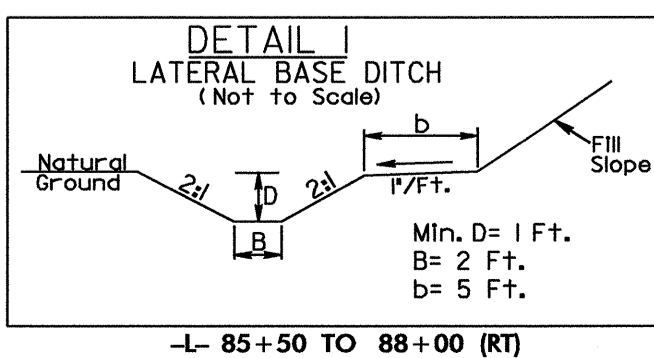
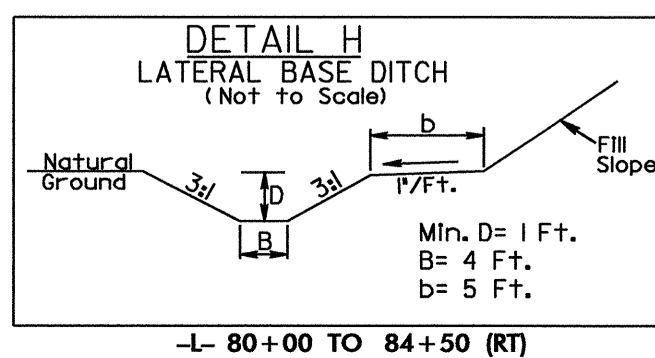
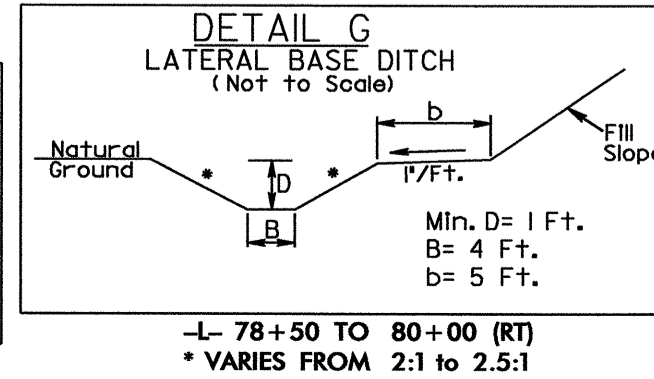
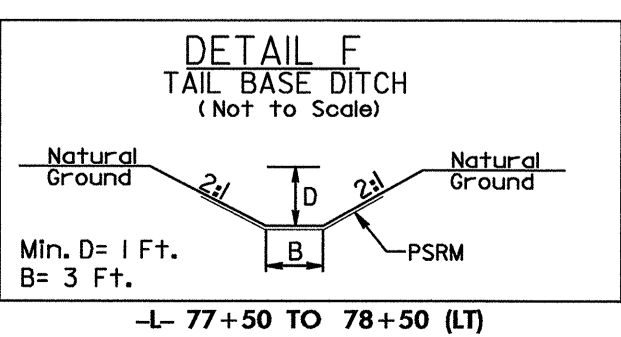
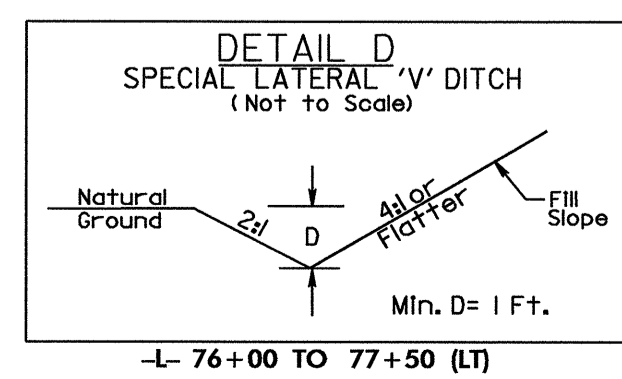
**NOTE:**  
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B  
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT  
DRAINAGE OUTLETS.

PROJECT REFERENCE NO. <i>U-2510A</i>	SHEET NO. EC-9/CONST. 9
RAW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	



MATCH LINE STA. 75+00 SEE SHEET 8

MATCH LINE STA. 88+00 SEE SHEET 10



103.001.002:Roadway/Proj/U2510A\_L\_d1.pdf:09



CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 10

NOTE:

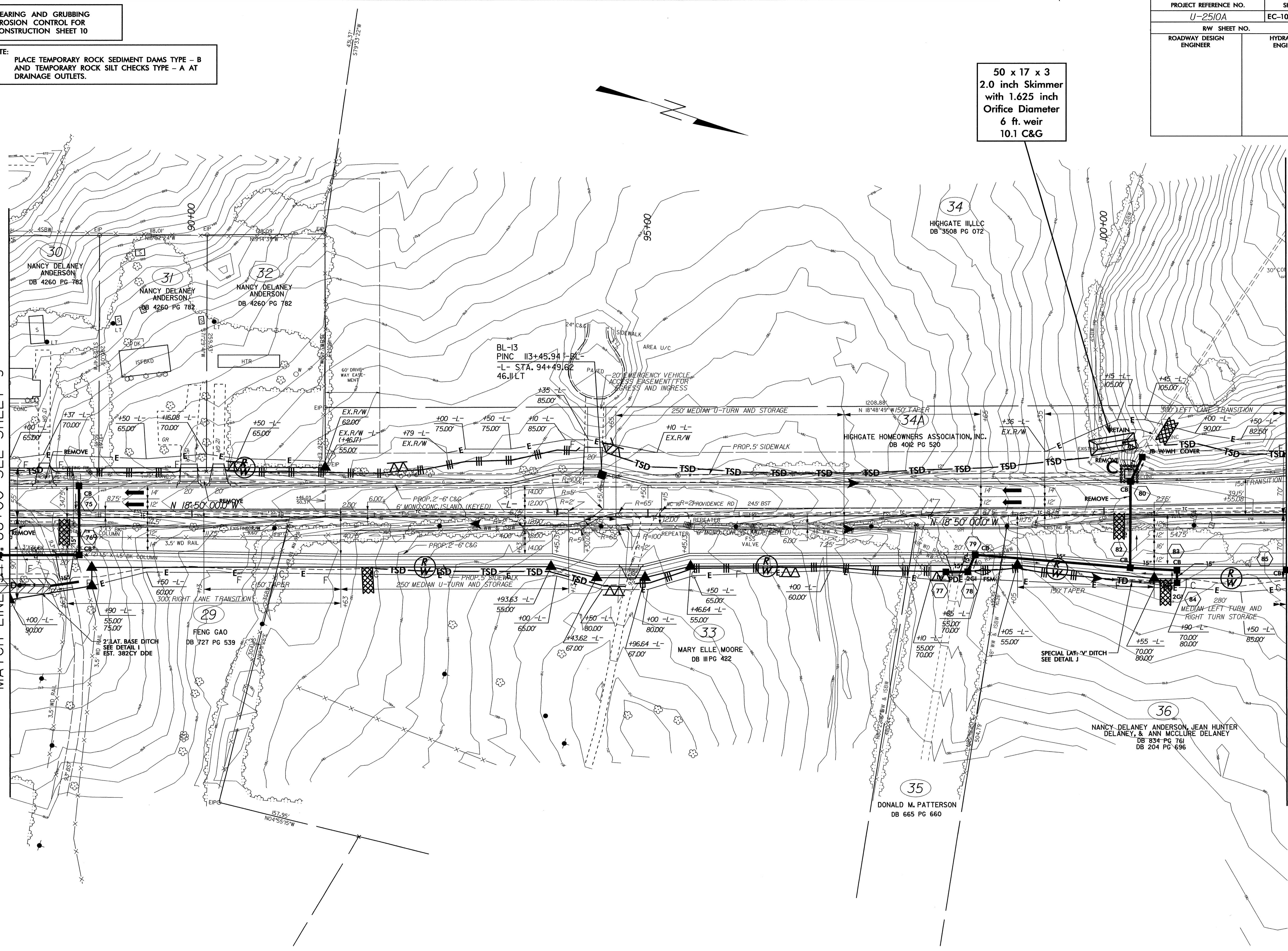
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B  
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT  
DRAINAGE OUTLETS.

PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-10/CONST. 10
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

50 x 17 x 3  
2.0 inch Skimmer  
with 1.625 inch  
Orifice Diameter  
6 ft. weir  
10.1 C&G

MATCH LINE STA. 88+00 SEE SHEET 9

MATCH LINE STA. 102+00 SEE SHEET 11

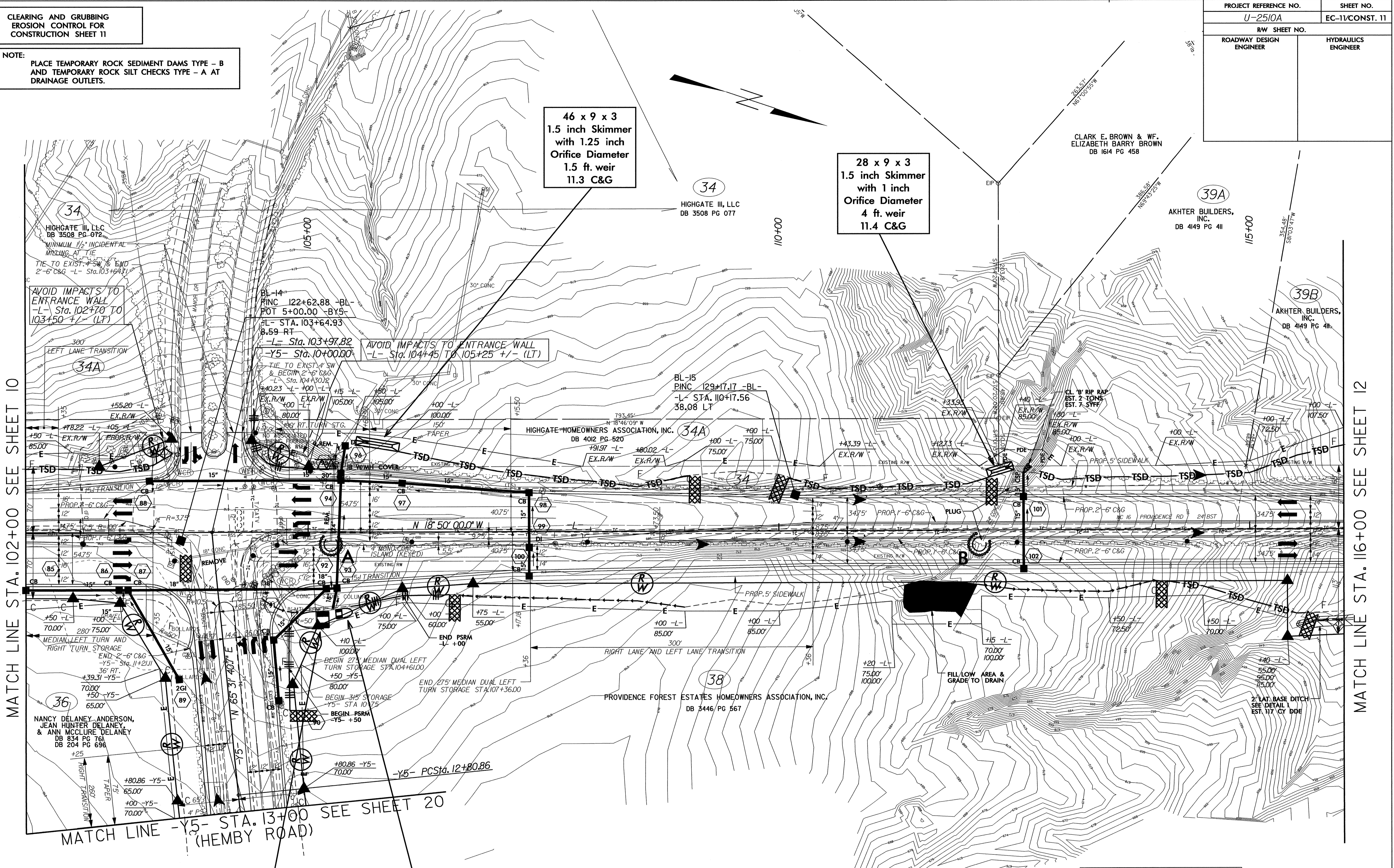




CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 11

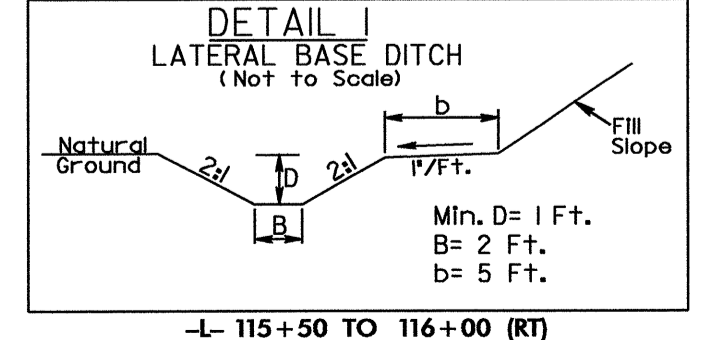
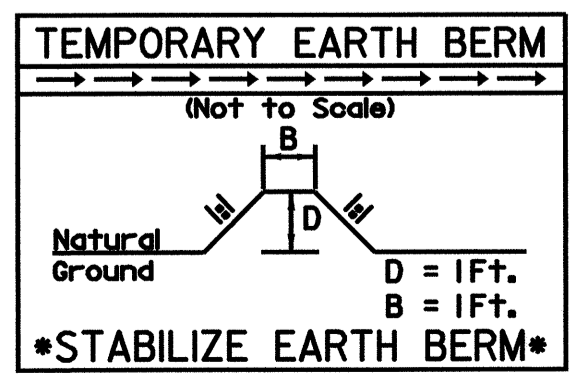
NOTE:  
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B  
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT  
DRAINAGE OUTLETS.

PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-11/CONST. 11
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	



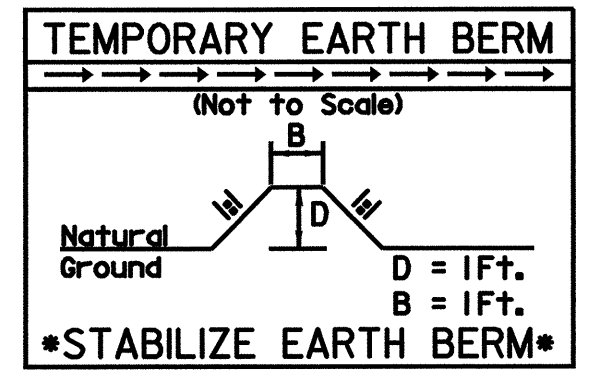
MATCH LINE STA. 116+00 SEE SHEET 12

MATCH LINE -Y5- STA. 13+00 SEE SHEET 20  
(HEMBY ROAD)





PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-12/CONST. 12
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



32 x 21 x 3  
2 inch Skimmer  
with 2 inch  
Orifice Diameter  
7 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
12.4 C&G

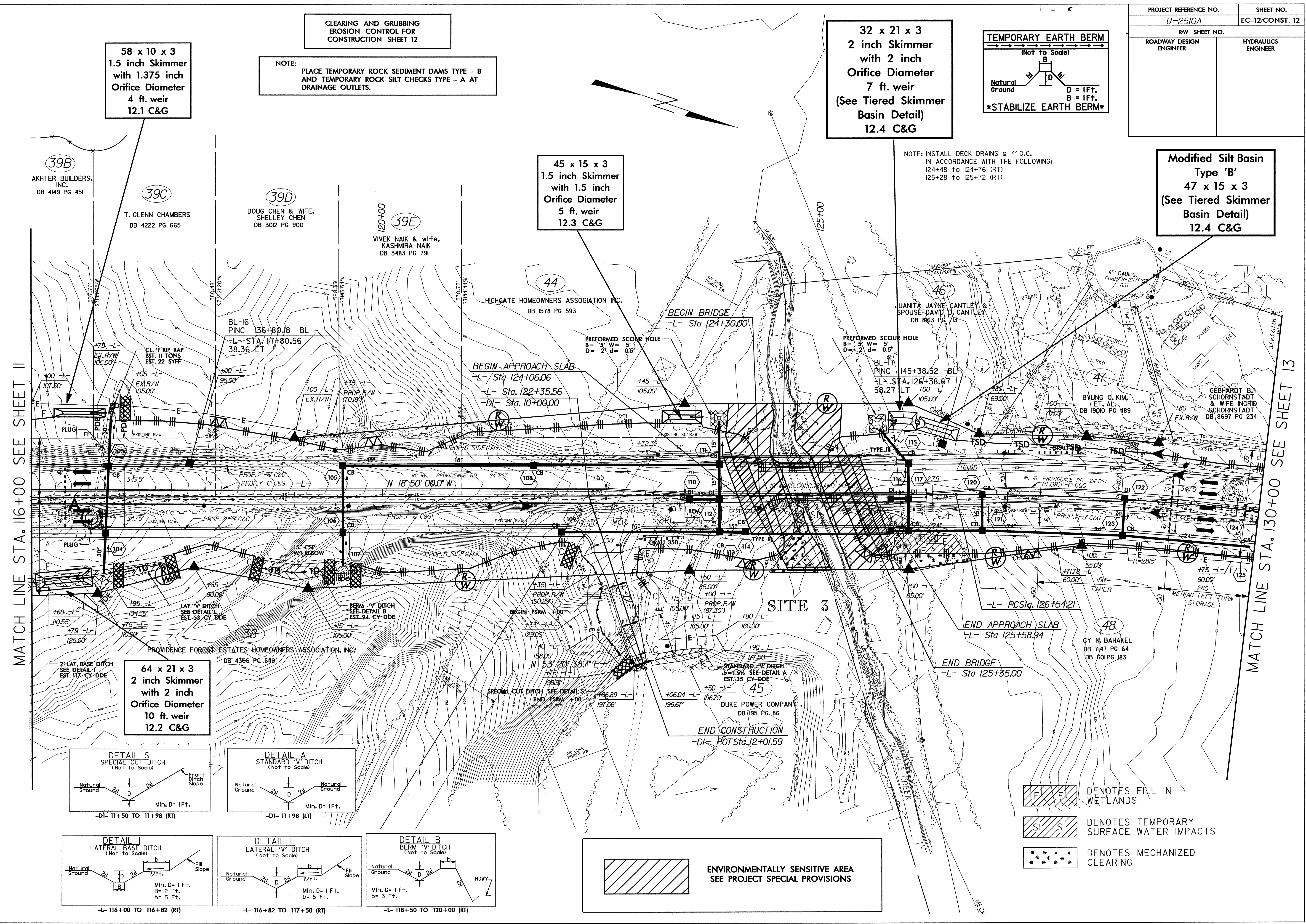
45 x 15 x 3  
1.5 inch Skimmer  
with 1.5 inch  
Orifice Diameter  
5 ft. weir  
12.3 C&G

58 x 10 x 3  
1.5 inch Skimmer  
with 1.375 inch  
Orifice Diameter  
4 ft. weir  
12.1 C&G

Modified Silt Basin  
Type 'B'  
47 x 15 x 3  
(See Tiered Skimmer  
Basin Detail)  
12.4 C&G

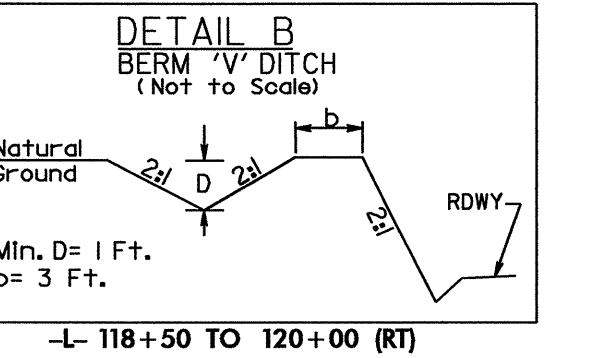
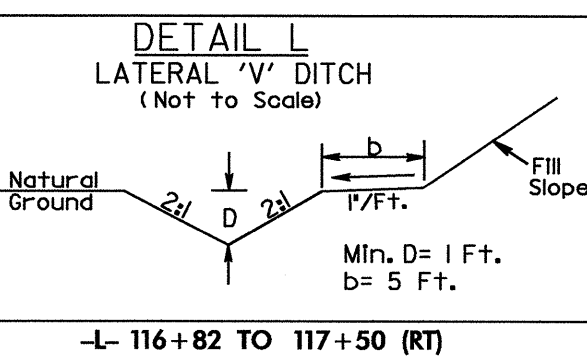
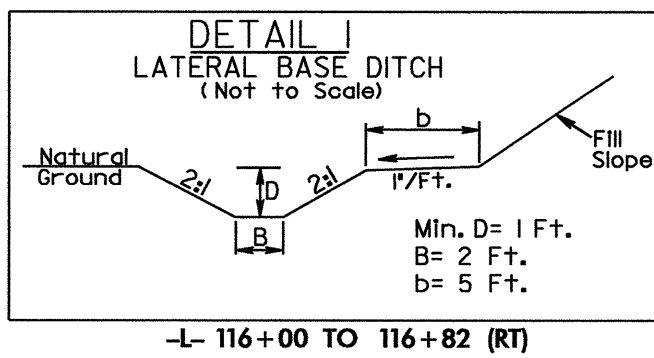
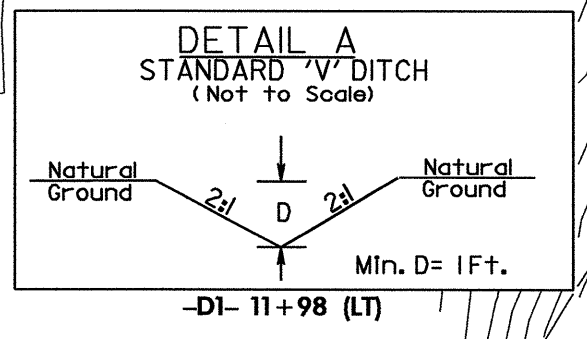
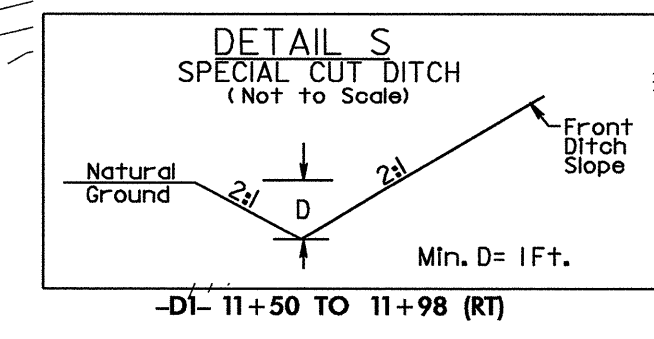
NOTE:  
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B  
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT  
DRAINAGE OUTLETS.

NOTE: INSTALL DECK DRAINS @ 4' O.C.  
IN ACCORDANCE WITH THE FOLLOWING:  
124+48 TO 124+76 (RT)  
125+28 TO 125+72 (RT)



MATCH LINE STA. 116+00 SEE SHEET 11

MATCH LINE STA. 130+00 SEE SHEET 13



ENVIRONMENTALLY SENSITIVE AREA  
SEE PROJECT SPECIAL PROVISIONS

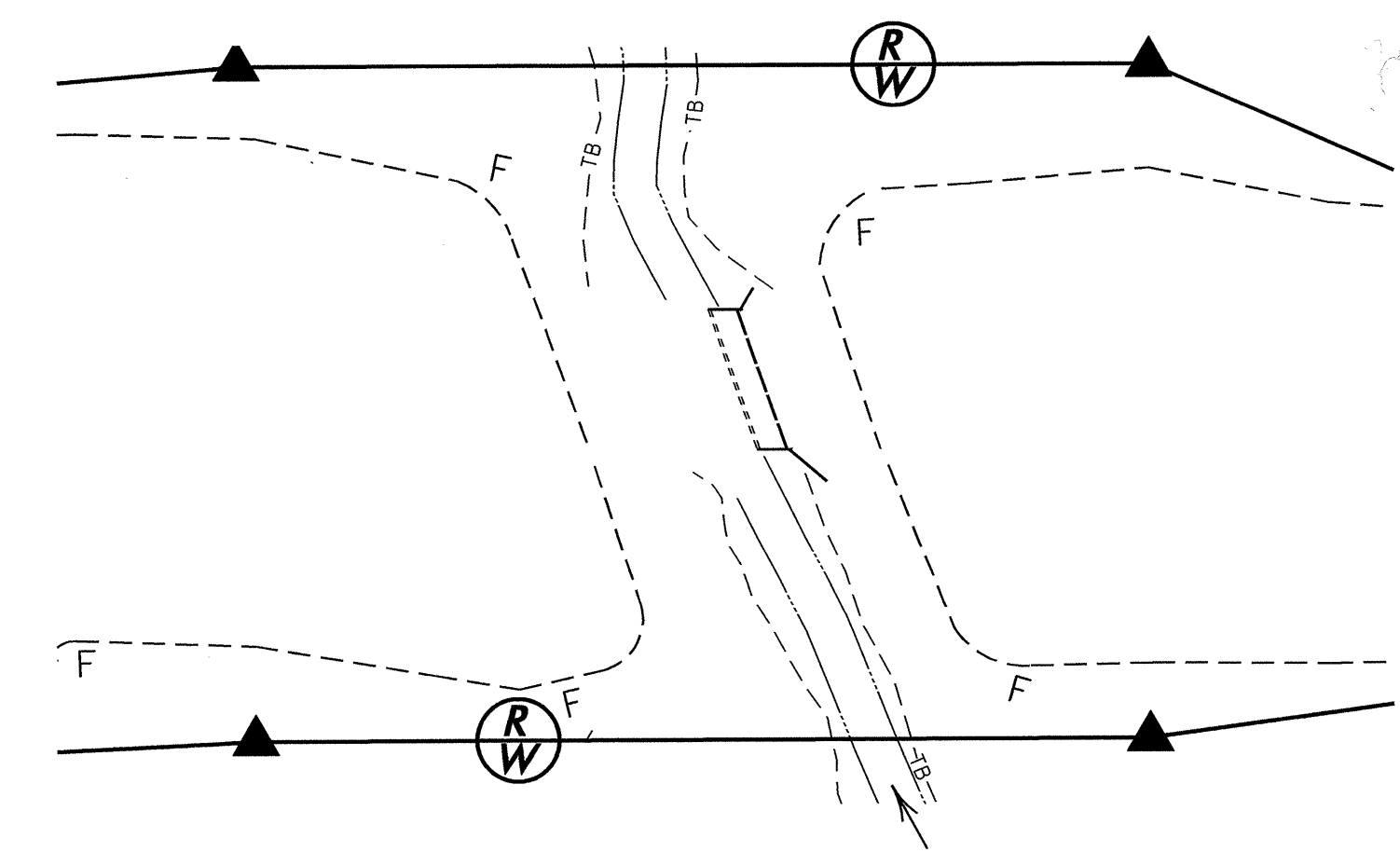
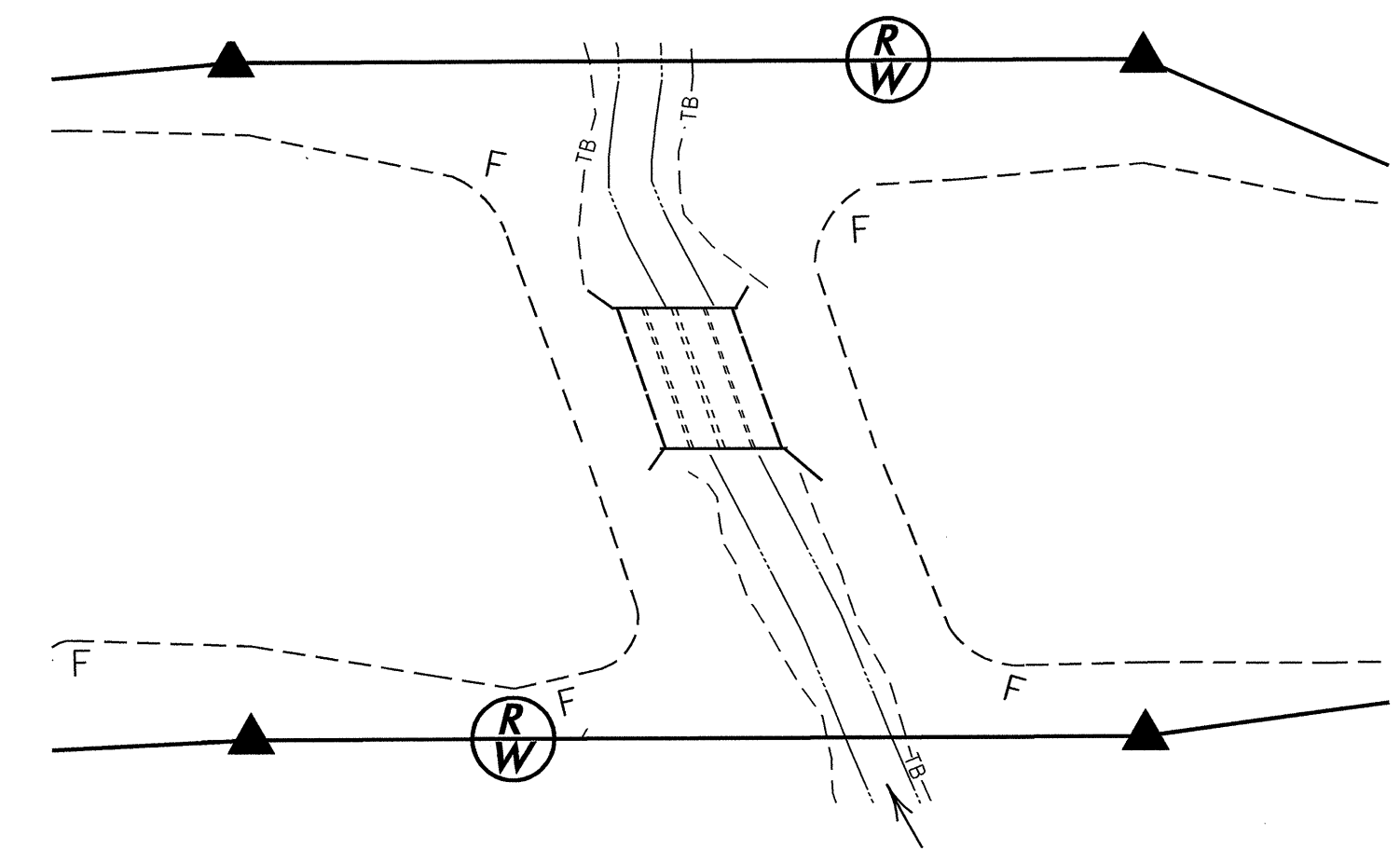
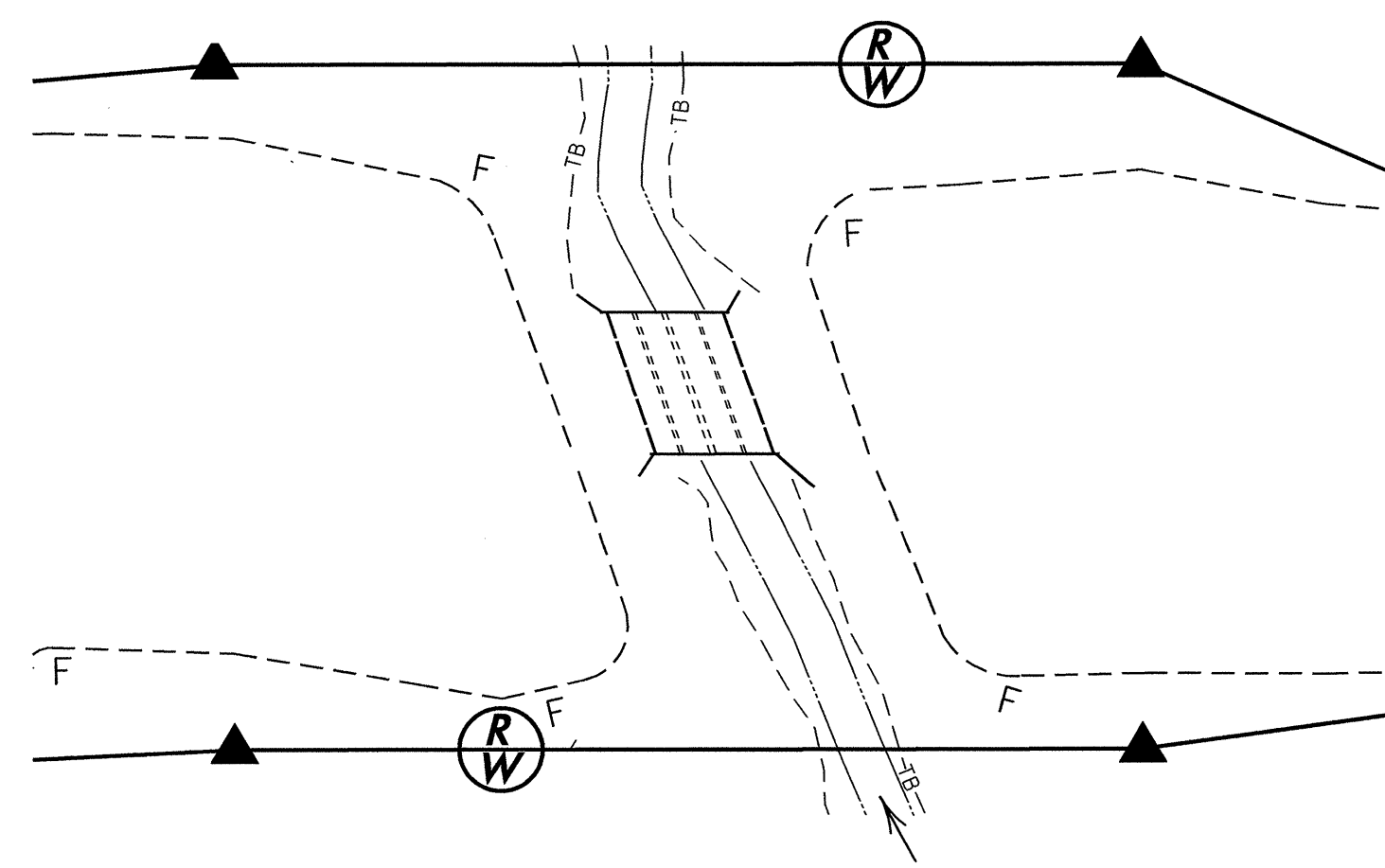
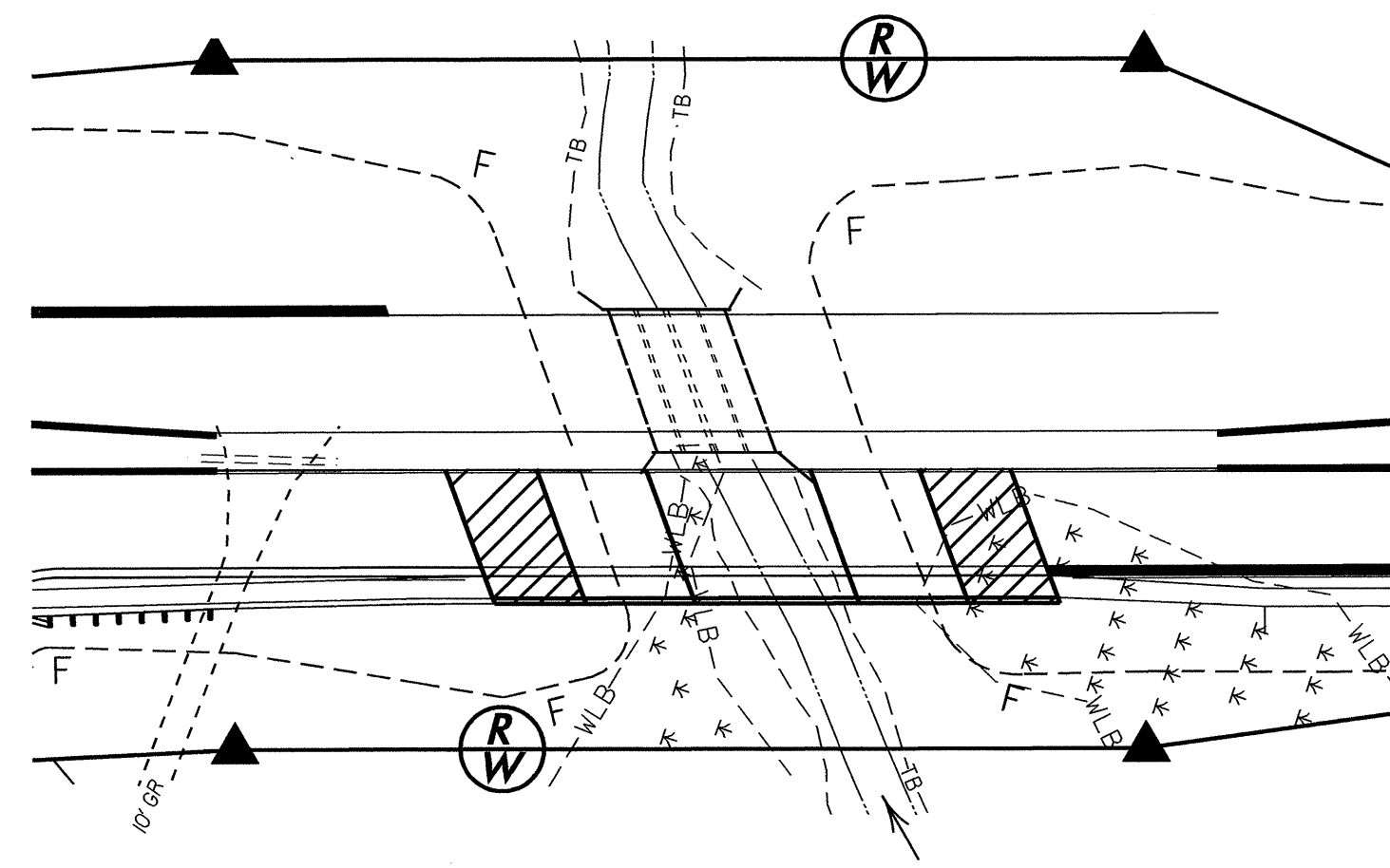
- DENOTES FILL IN WETLANDS
- DENOTES TEMPORARY SURFACE WATER IMPACTS
- DENOTES MECHANIZED CLEARING

# CULVERT CONSTRUCTION SEQUENCE STA. 125 + 00 -L-

PROJECT REFERENCE NO. U-2510A	SHEET NO. EC-12A/CONST.12
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PHASE I

PHASE II



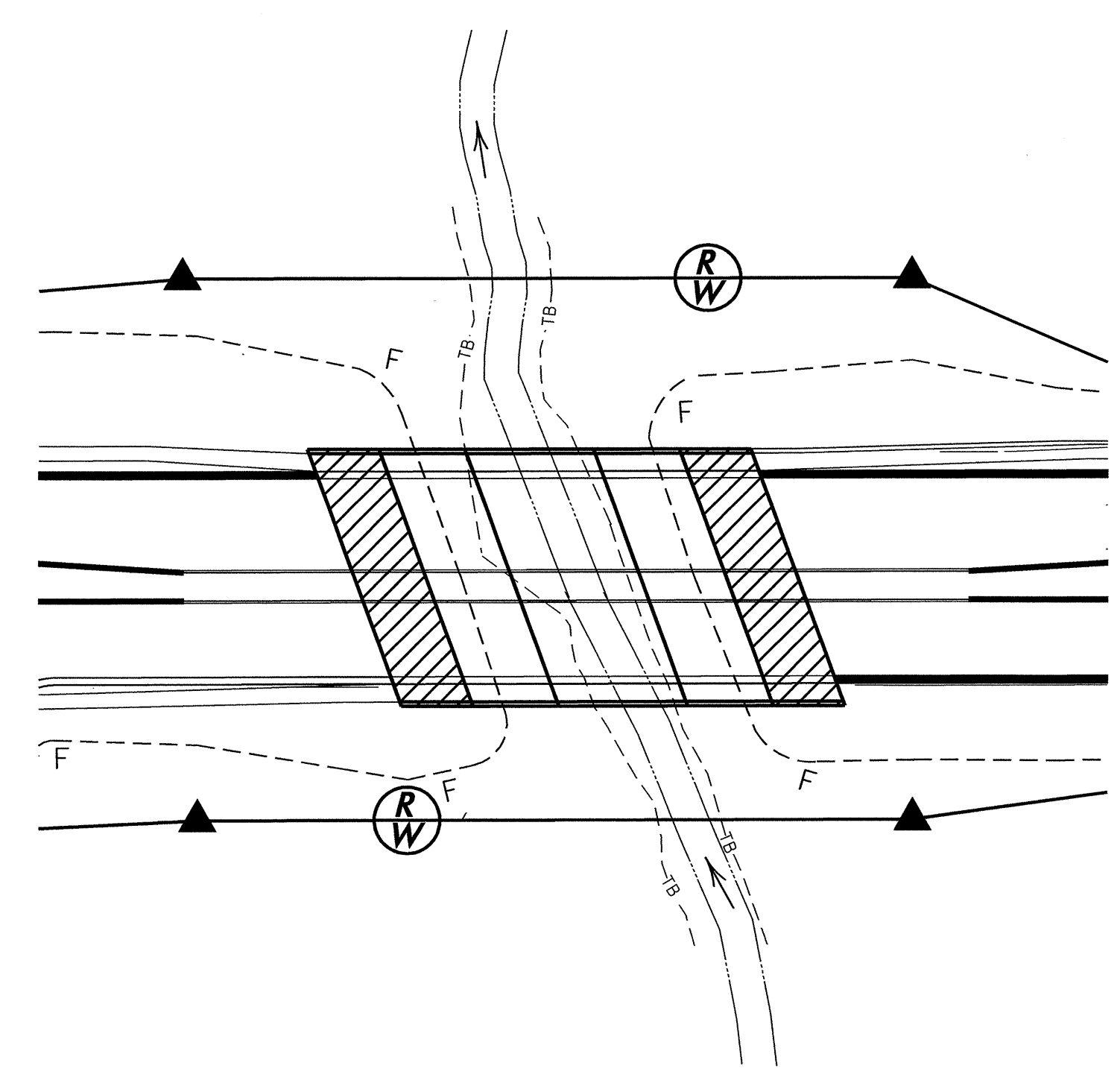
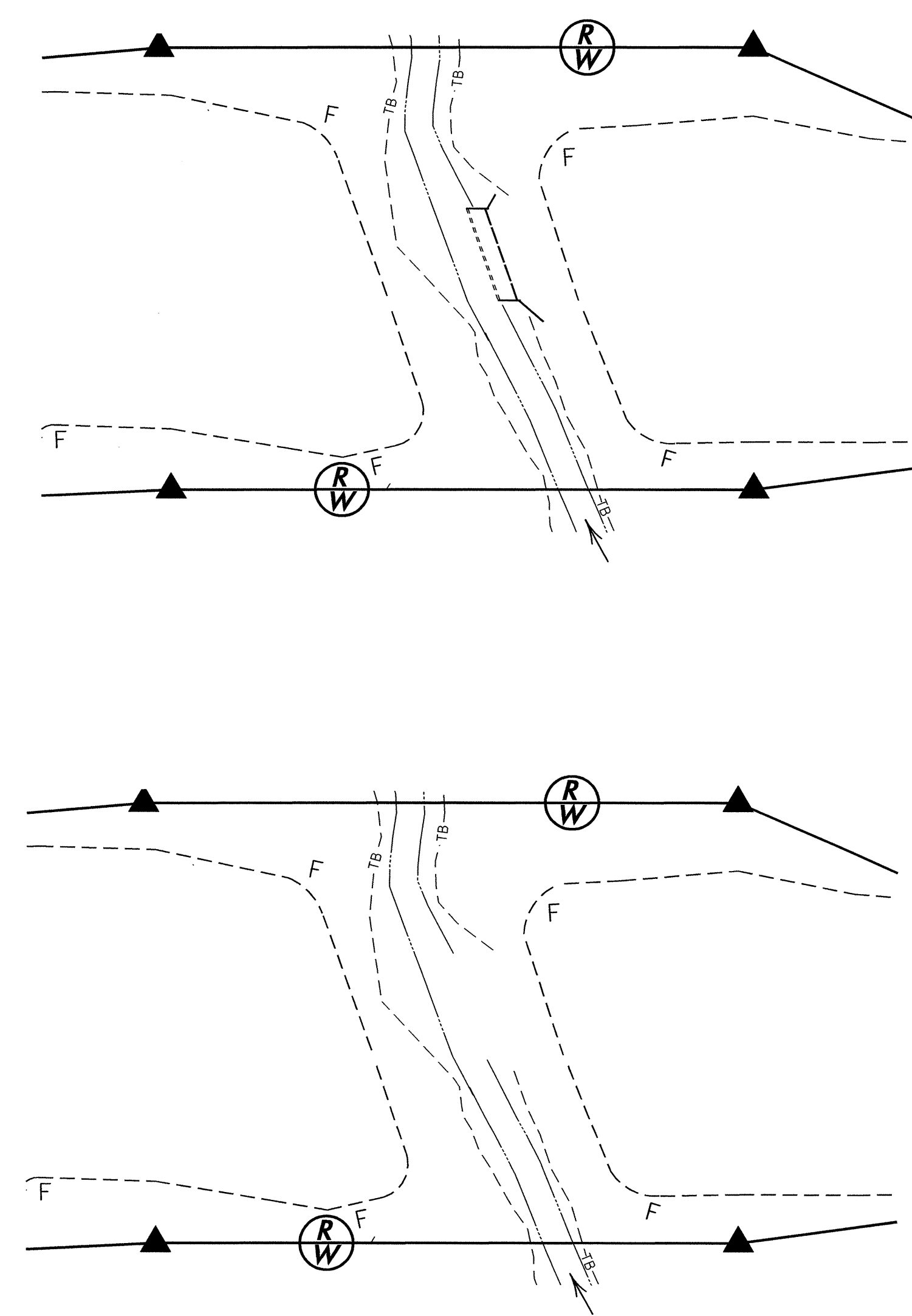


PROJECT REFERENCE NO. U-2510A	SHEET NO. EC-12B/CONST.2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

# CULVERT CONSTRUCTION SEQUENCE STA. 125 + 00-L-

PHASE III

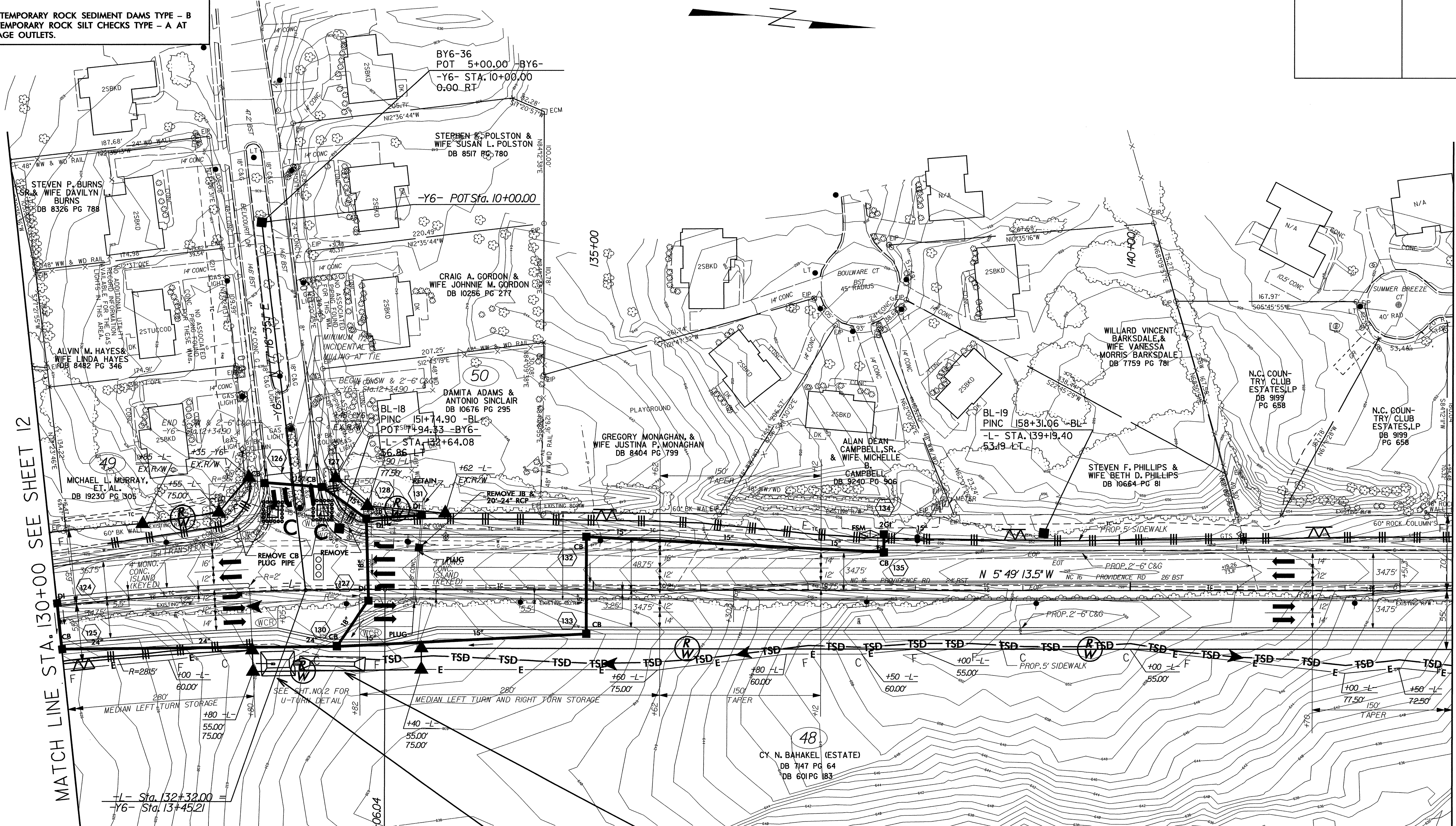
PHASE IV



**CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 13**

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

PROJECT REFERENCE NO.		SHEET NO.	
U-25/0A		EC-13/CONST. 13	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



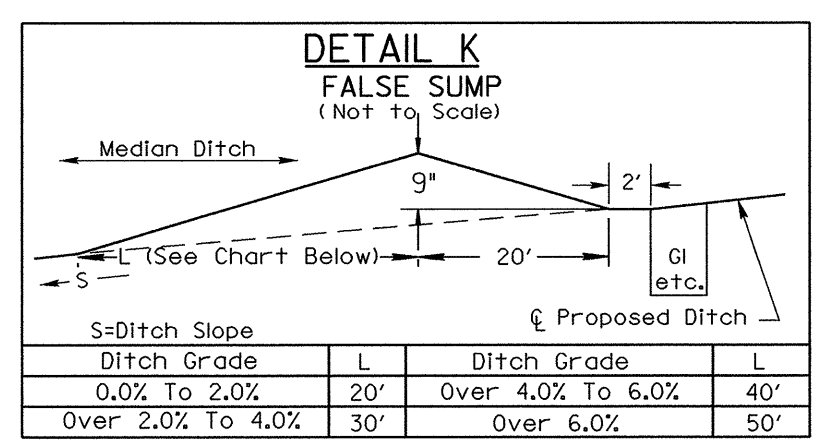
MATCH LINE STA. 130+00 SEE SHEET 12

MATCH LINE STA. 143+00 SEE SHEET 14

$PI\ Sta\ 129+81.53$   
 $\Delta = 13^{\circ}00'46.5\" (RT)$   
 $D = 1^{\circ}59'46.9\"$   
 $L = 651.83'$   
 $T = 327.32'$   
 $R = 2,870.00'$   
 $SE = 04$   
 $RO = 144'$   
 $DS = 55\ MPH$

**34 x 23 x 3**  
**2.5 inch Skimmer**  
**with 2.25 inch**  
**Orifice Diameter**  
**X ft. weir**  
**(See Tiered Skimmer**  
**Basin Detail)**  
**13.1 C&G**

**Modified Silt Basin**  
**Type 'B'**  
**61 x 13 x 3**  
**(See Tiered Skimmer**  
**Basin Detail)**  
**13.1 C&G**



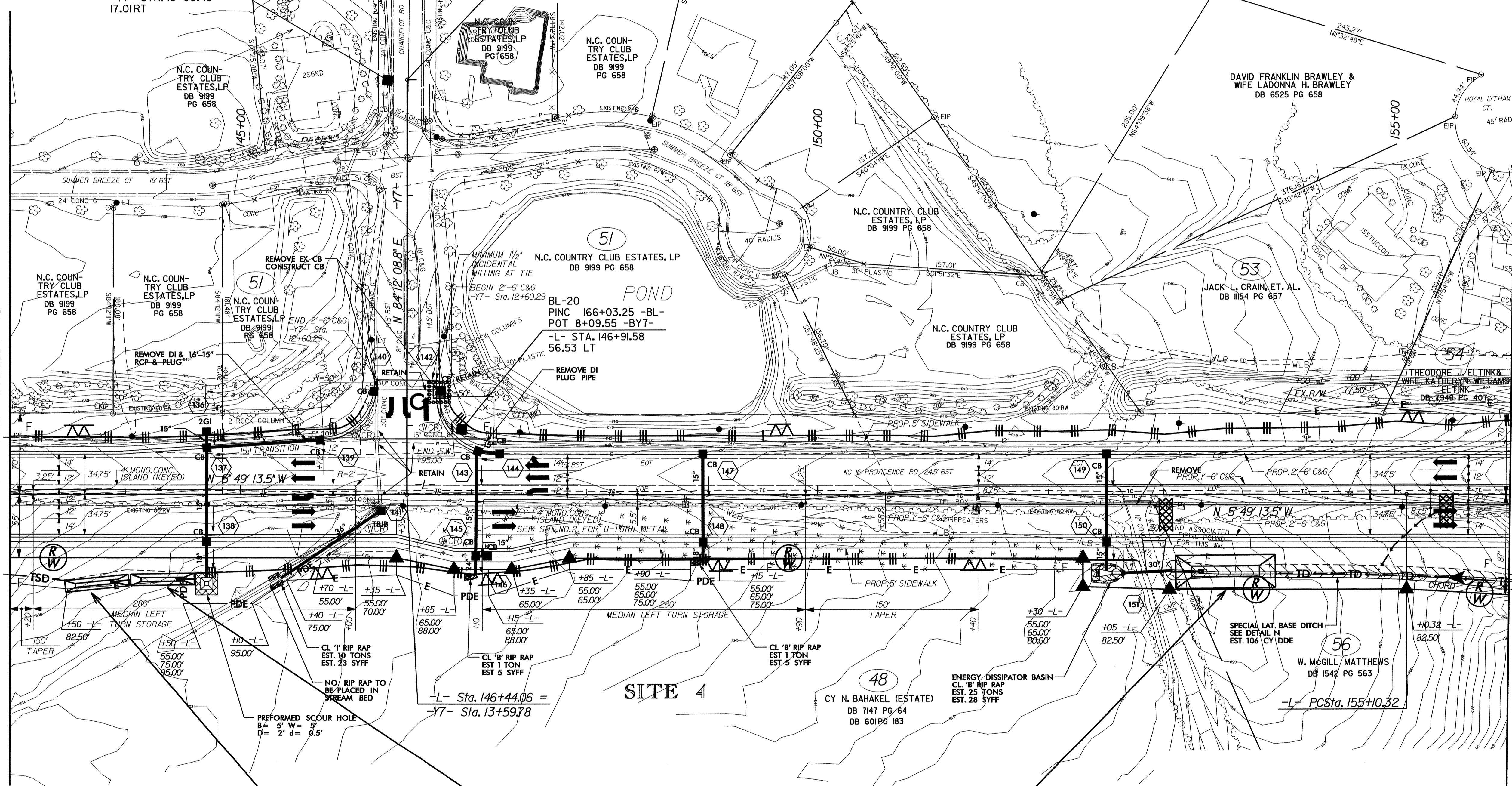


**CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 14**

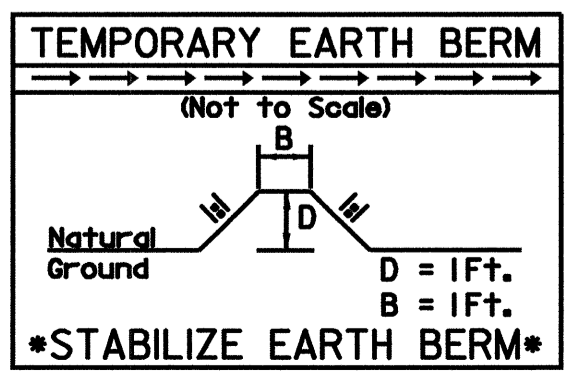
**NOTE:**  
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B  
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT  
DRAINAGE OUTLETS.

PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-14/CONST. 14
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MATCH LINE STA. 143+00 SEE SHEET 13



MATCH LINE STA. 156+00 SEE SHEET 15



**Modified Silt Basin  
Type 'B'**  
55 x 10 x 3  
(See Tiered Skimmer  
Basin Detail)  
ID 14.1C&G

55 x 10 x 3  
2.0 inch Skimmer  
with 1.875 inch  
Orifice Diameter  
4 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
14.1 C&G

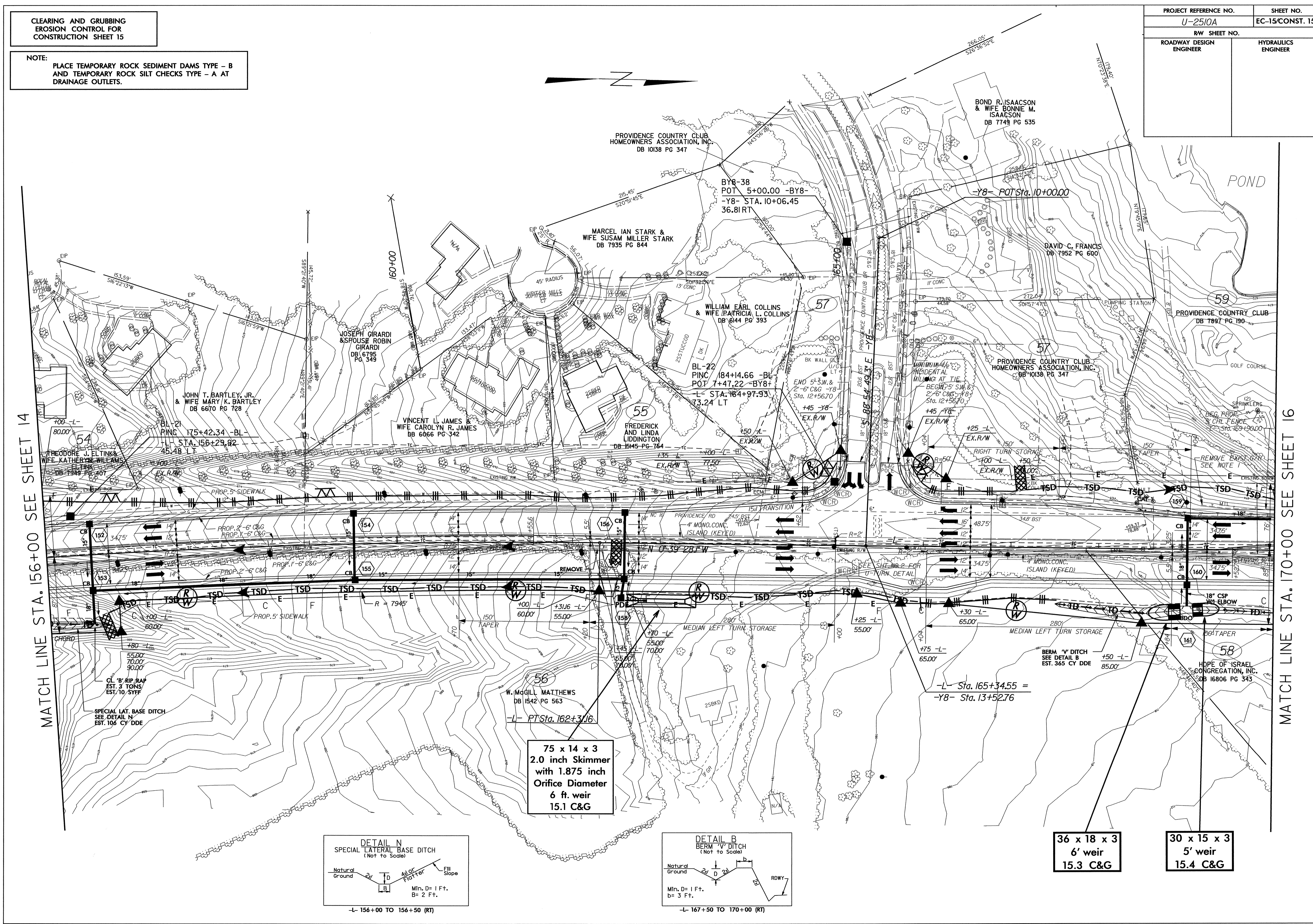
86 x 29 x 3  
3.0 inch Skimmer  
with 2.625 inch  
Orifice Diameter  
12 ft. weir  
14.2 C&G



**CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 15**

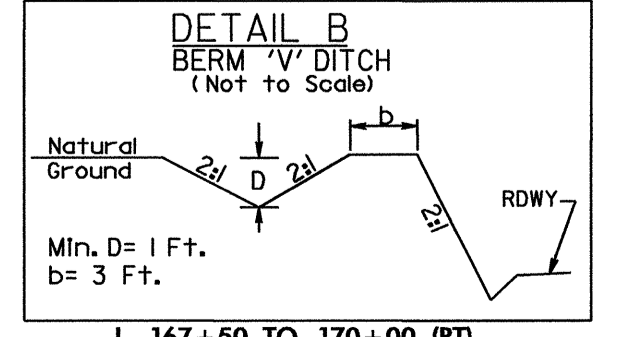
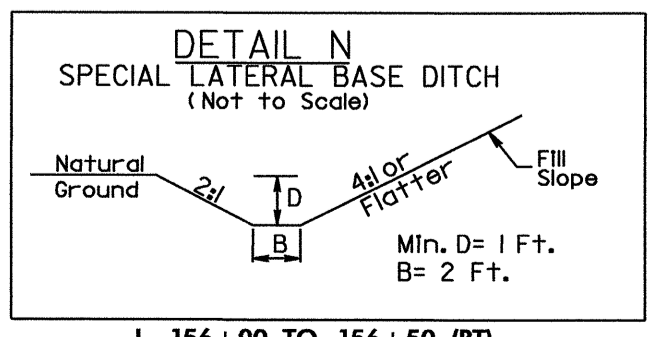
**NOTE:**  
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B  
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT  
DRAINAGE OUTLETS.

PROJECT REFERENCE NO.		SHEET NO.	
U-2510A		EC-15/CONST. 15	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



MATCH LINE STA. 156+00 SEE SHEET 14

MATCH LINE STA. 170+00 SEE SHEET 16

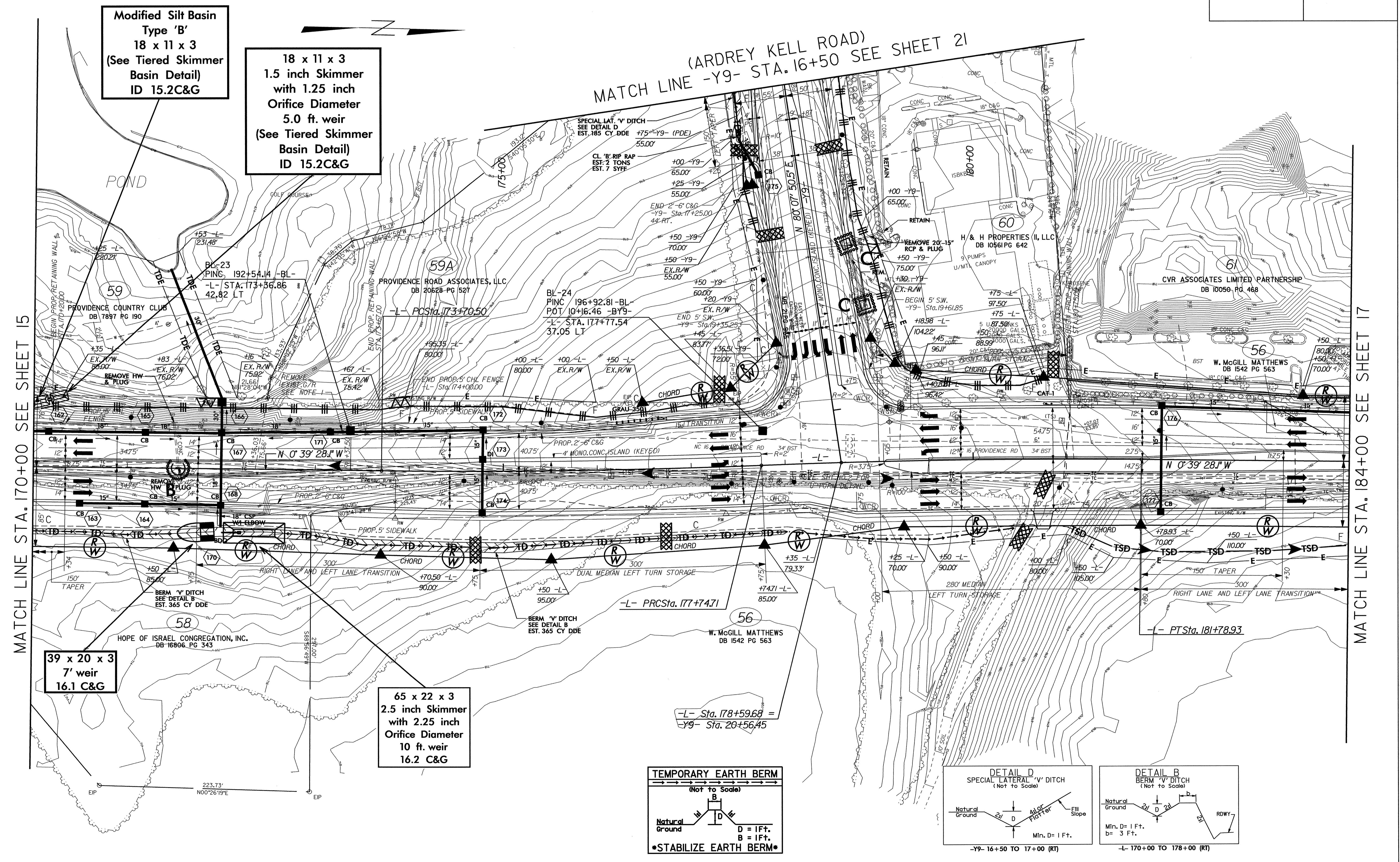




**CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 16**

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

PROJECT REFERENCE NO. U-2510A	SHEET NO. EC-16/CONST. 16
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



103.001.002/Roadway/Proj/U2510A\_L.dwg\_psh16

MATCH LINE STA. 170+00 SEE SHEET 15

MATCH LINE STA. 184+00 SEE SHEET 17

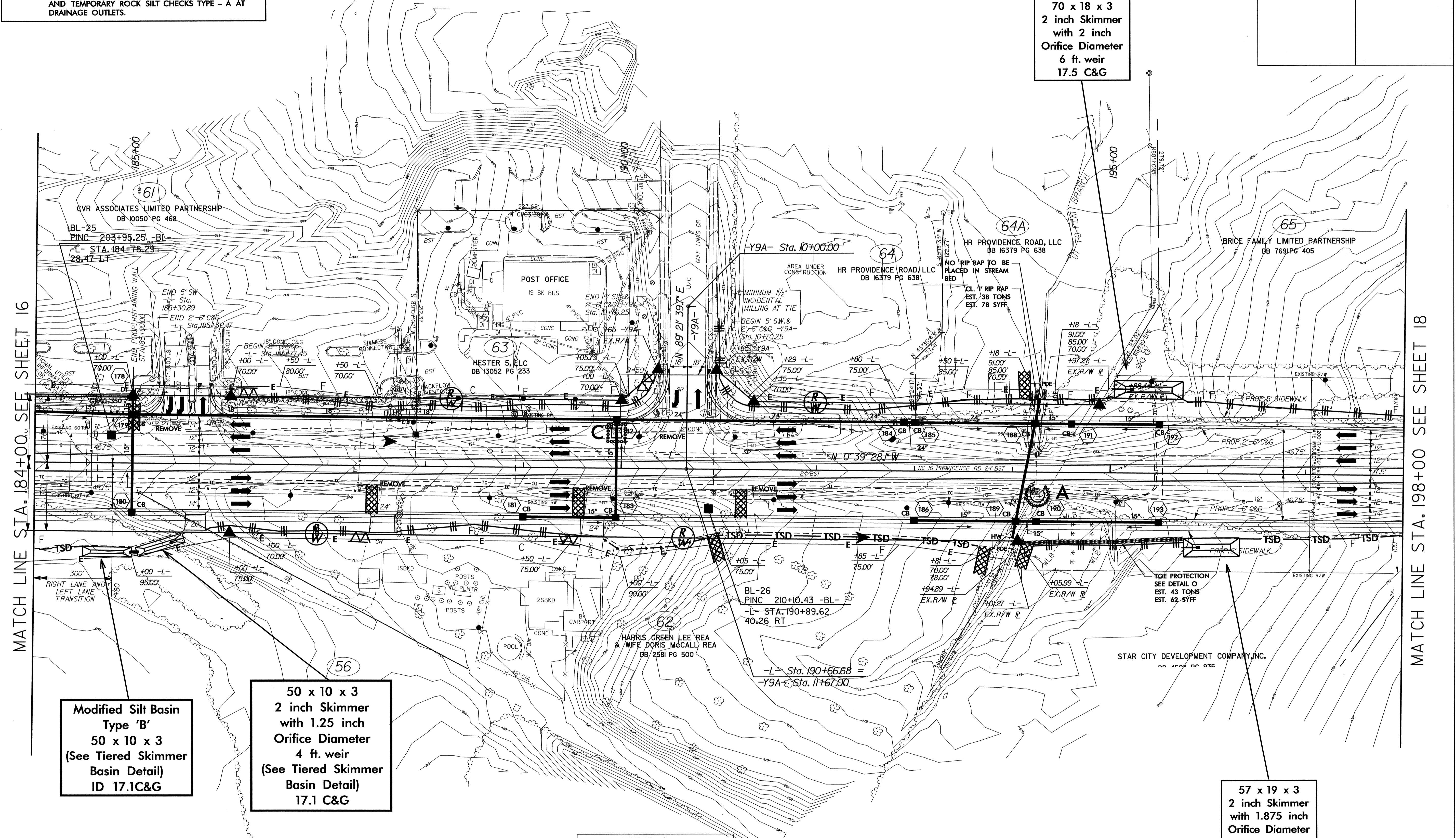
(ARDREY KELL ROAD)  
MATCH LINE -Y9- STA. 16+50 SEE SHEET 21



CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 17

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

PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-17/CONST. 17
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH LINE STA. 184+00 SEE SHEET 16

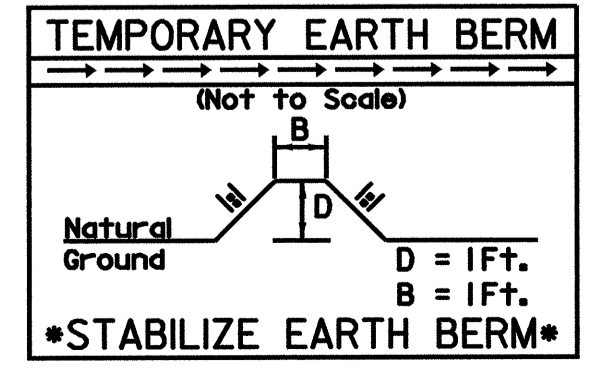
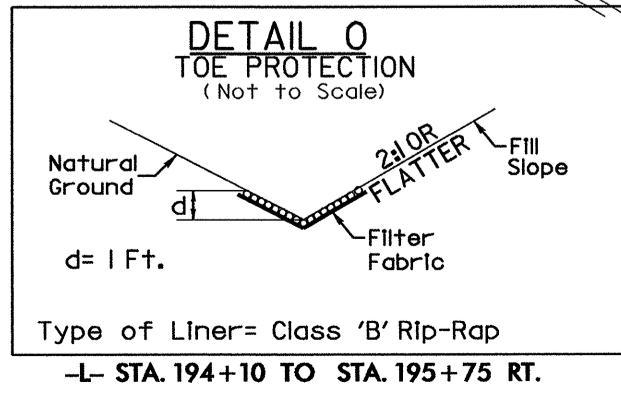
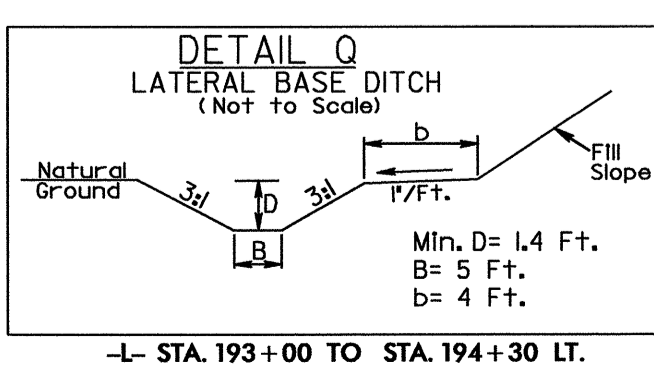
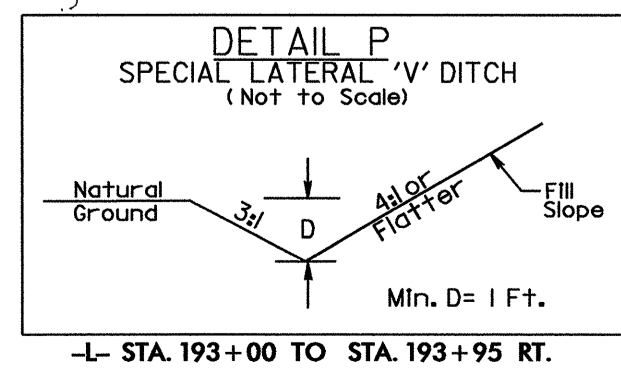
MATCH LINE STA. 198+00 SEE SHEET 18

70 x 18 x 3  
2 inch Skimmer  
with 2 inch  
Orifice Diameter  
6 ft. weir  
17.5 C&G

Modified Silt Basin  
Type 'B'  
50 x 10 x 3  
(See Tiered Skimmer  
Basin Detail)  
ID 17.1C&G

50 x 10 x 3  
2 inch Skimmer  
with 1.25 inch  
Orifice Diameter  
4 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
17.1 C&G

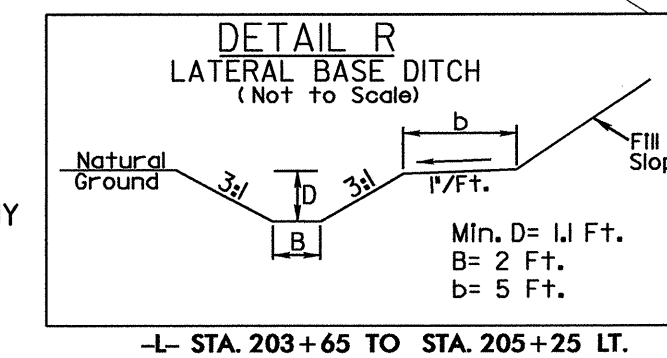
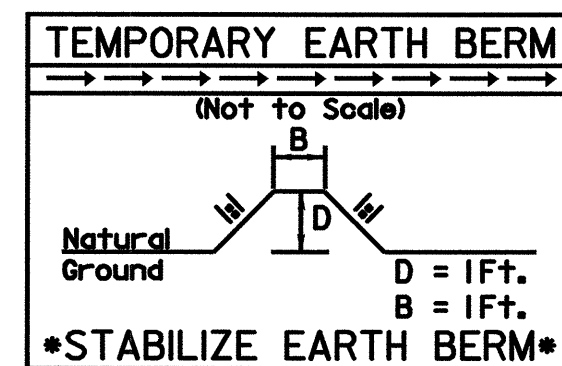
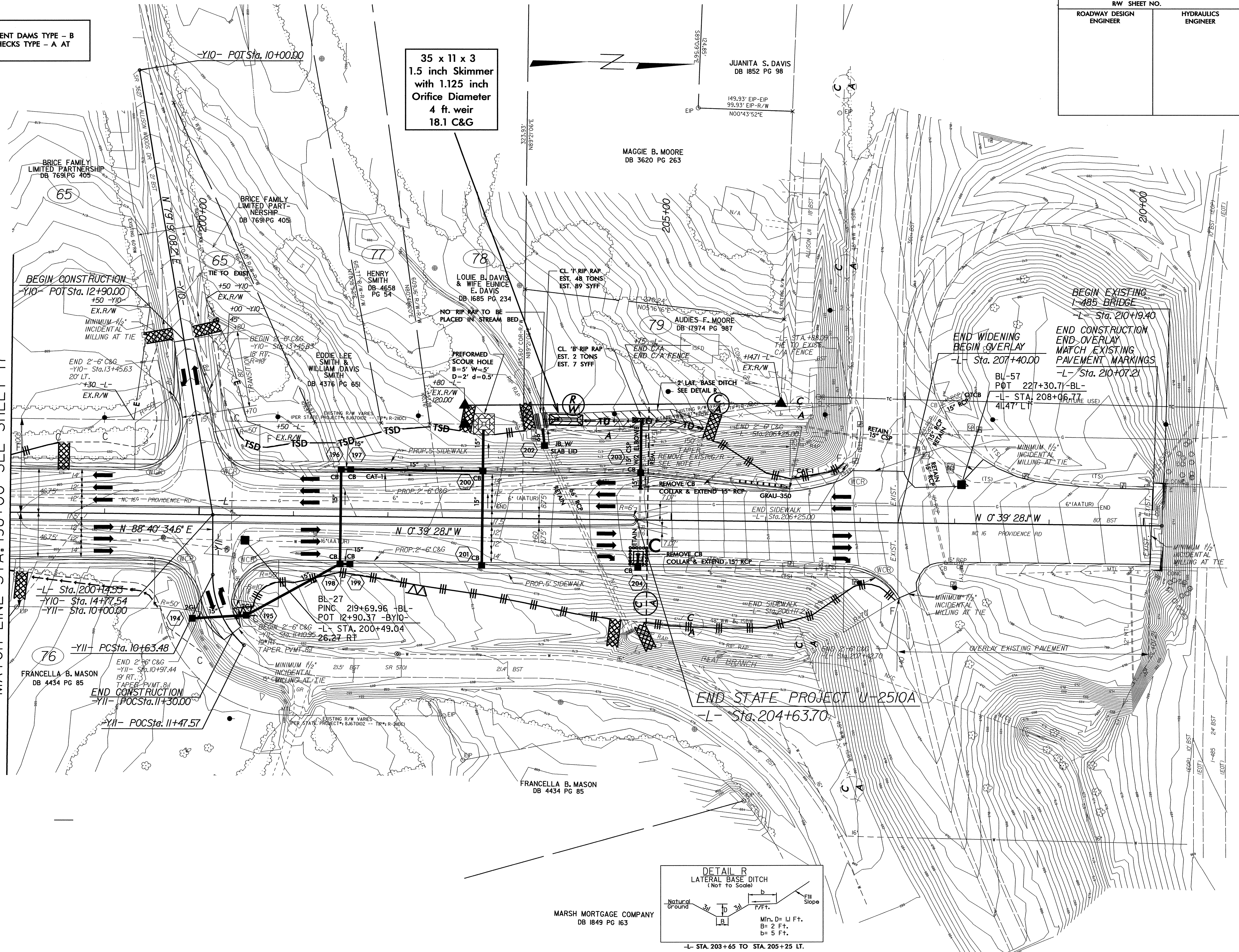
57 x 19 x 3  
2 inch Skimmer  
with 1.875 inch  
Orifice Diameter  
6 ft. weir  
17.4 C&G





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

MATCH LINE STA. 198+00 SEE SHEET 17



MARSH MORTGAGE COMPANY  
DB 1849 PG 163





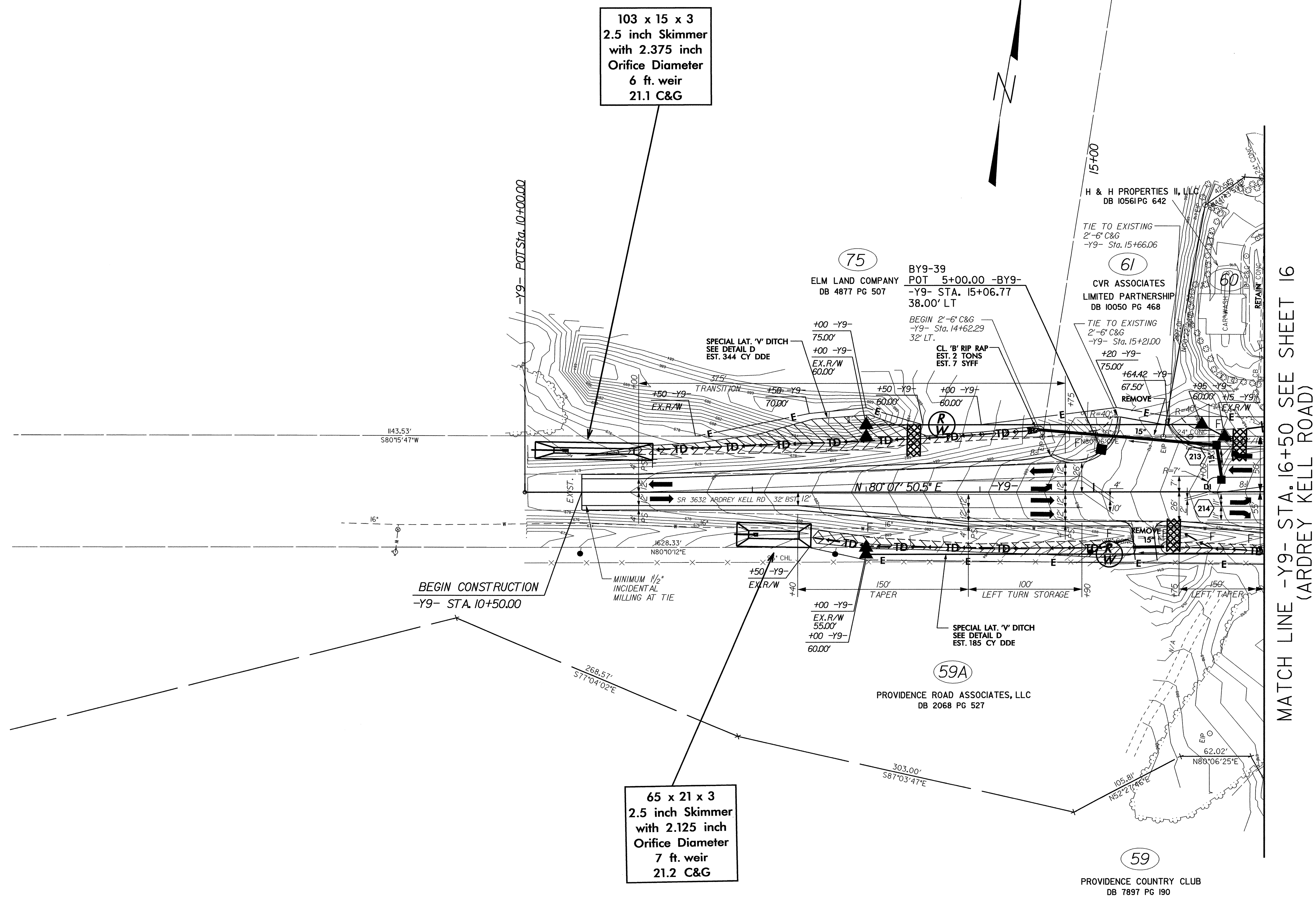






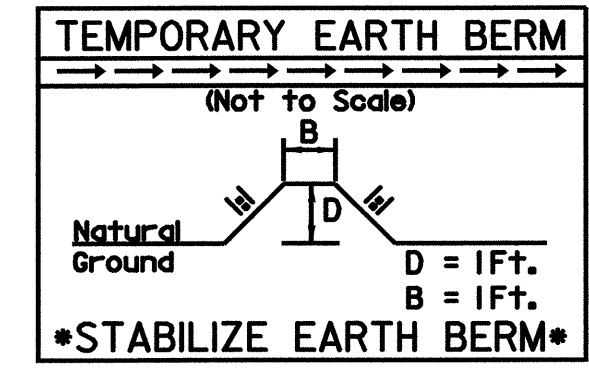
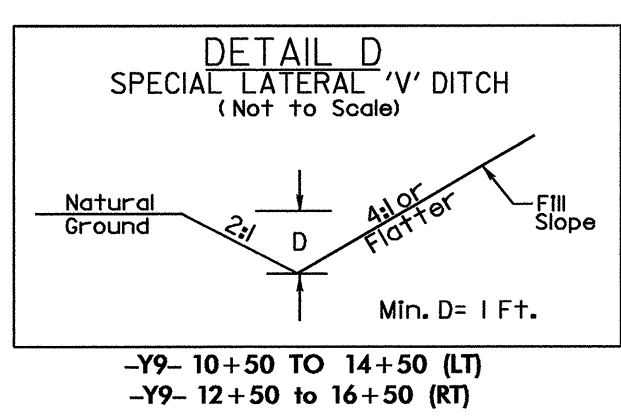
NOTE:  
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B  
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT  
DRAINAGE OUTLETS.

PROJECT REFERENCE NO. U-2510A	SHEET NO. EC-21/CONST. 21
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



103 x 15 x 3  
2.5 inch Skimmer  
with 2.375 inch  
Orifice Diameter  
6 ft. weir  
21.1 C&G

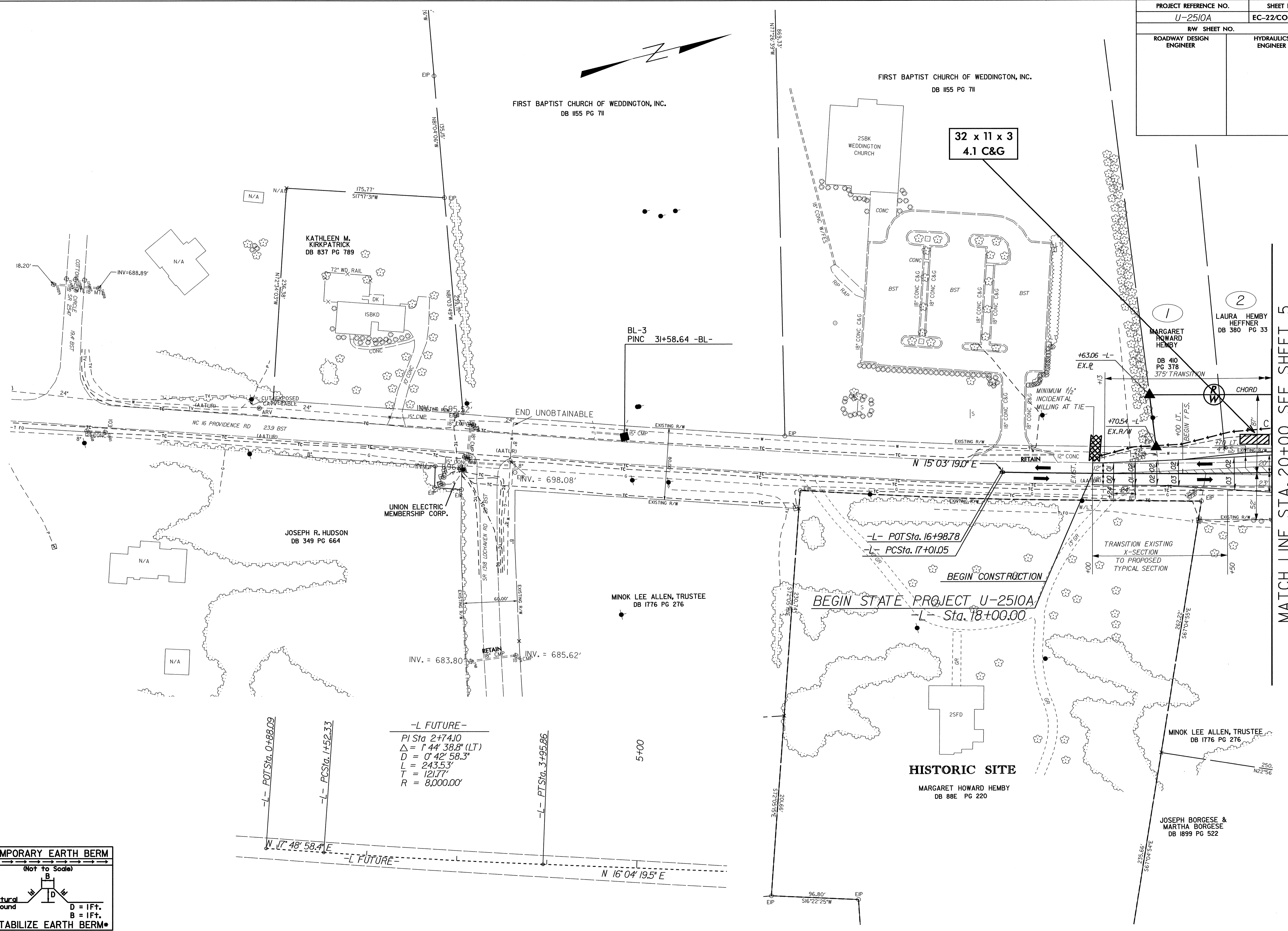
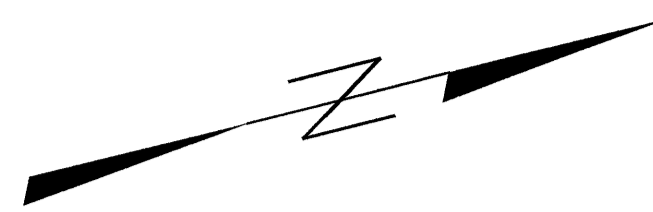
65 x 21 x 3  
2.5 inch Skimmer  
with 2.125 inch  
Orifice Diameter  
7 ft. weir  
21.2 C&G



MATCH LINE -Y9- STA. 16+50 SEE SHEET 16  
(ARDREY KELL ROAD)

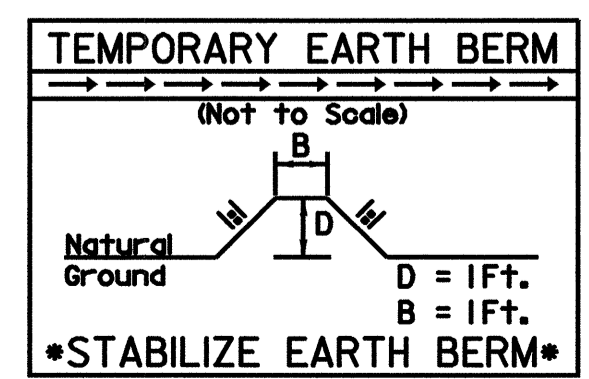


PROJECT REFERENCE NO.		SHEET NO.	
U-2510A		EC-22/CONST.4	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			



MATCH LINE STA. 20+00 SEE SHEET 5

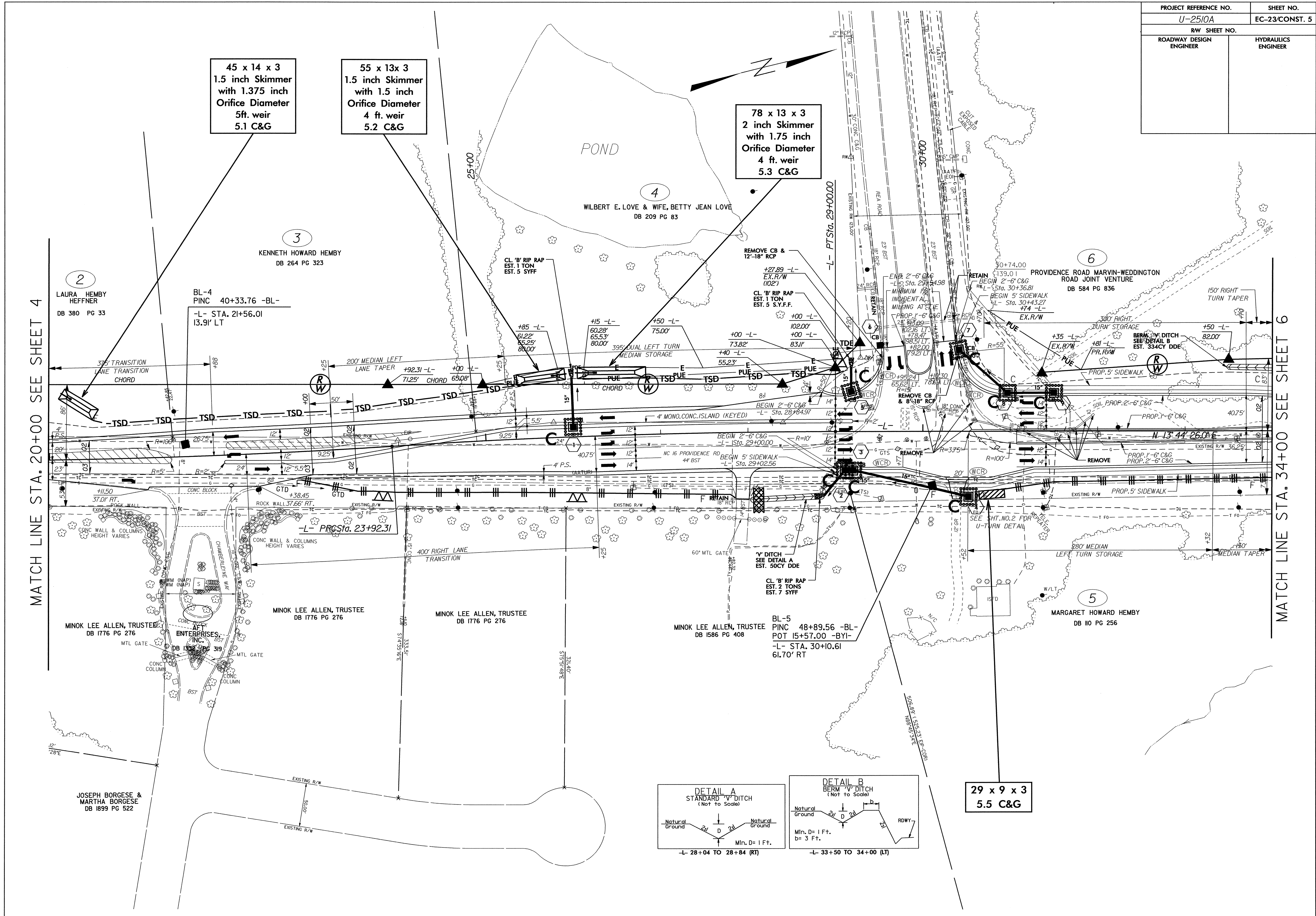
-L FUTURE -  
 PI Sta 2+74.10  
 $\Delta = 1^{\circ}44'38.8''$  (LT)  
 $D = 0^{\circ}42'58.3''$   
 $L = 243.53'$   
 $T = 121.77'$   
 $R = 8,000.00'$



103.001.002/Roadway/Proj/U2510a\_L\_dyl\_psh04



PROJECT REFERENCE NO.		SHEET NO.	
U-2510A		EC-23/CONST. 5	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



MATCH LINE STA. 20+00 SEE SHEET 4

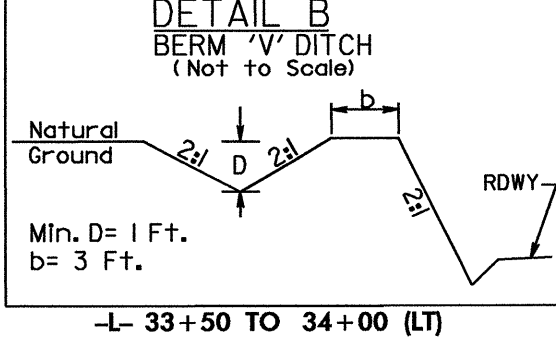
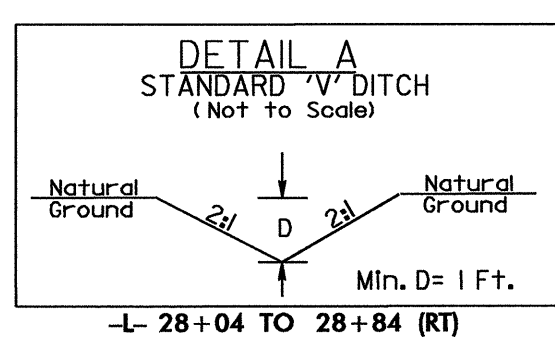
MATCH LINE STA. 34+00 SEE SHEET 6

45 x 14 x 3  
1.5 inch Skimmer  
with 1.375 inch  
Orifice Diameter  
5ft. weir  
5.1 C&G

55 x 13x 3  
1.5 inch Skimmer  
with 1.5 inch  
Orifice Diameter  
4 ft. weir  
5.2 C&G

78 x 13 x 3  
2 inch Skimmer  
with 1.75 inch  
Orifice Diameter  
4 ft. weir  
5.3 C&G

29 x 9 x 3  
5.5 C&G



2  
LAURA HEMBY  
HEFFNER  
DB 380 PG 33

3  
KENNETH HOWARD HEMBY  
DB 264 PG 323

4  
WILBERT E. LOVE & WIFE, BETTY JEAN LOVE  
DB 209 PG 83

6  
PROVIDENCE ROAD MARVIN-WEDDINGTON  
ROAD JOINT VENTURE  
DB 584 PG 836

5  
MARGARET HOWARD HEMBY  
DB 110 PG 256

MINOK LEE ALLEN, TRUSTEE  
DB 1776 PG 276

MINOK LEE ALLEN, TRUSTEE  
DB 1776 PG 276

MINOK LEE ALLEN, TRUSTEE  
DB 1776 PG 276

MINOK LEE ALLEN, TRUSTEE  
DB 1586 PG 408

BL-5  
PINC 48+89.56 -BL-  
POT 15+57.00 -BYI-  
-L- STA. 30+10.61  
61.70' RT

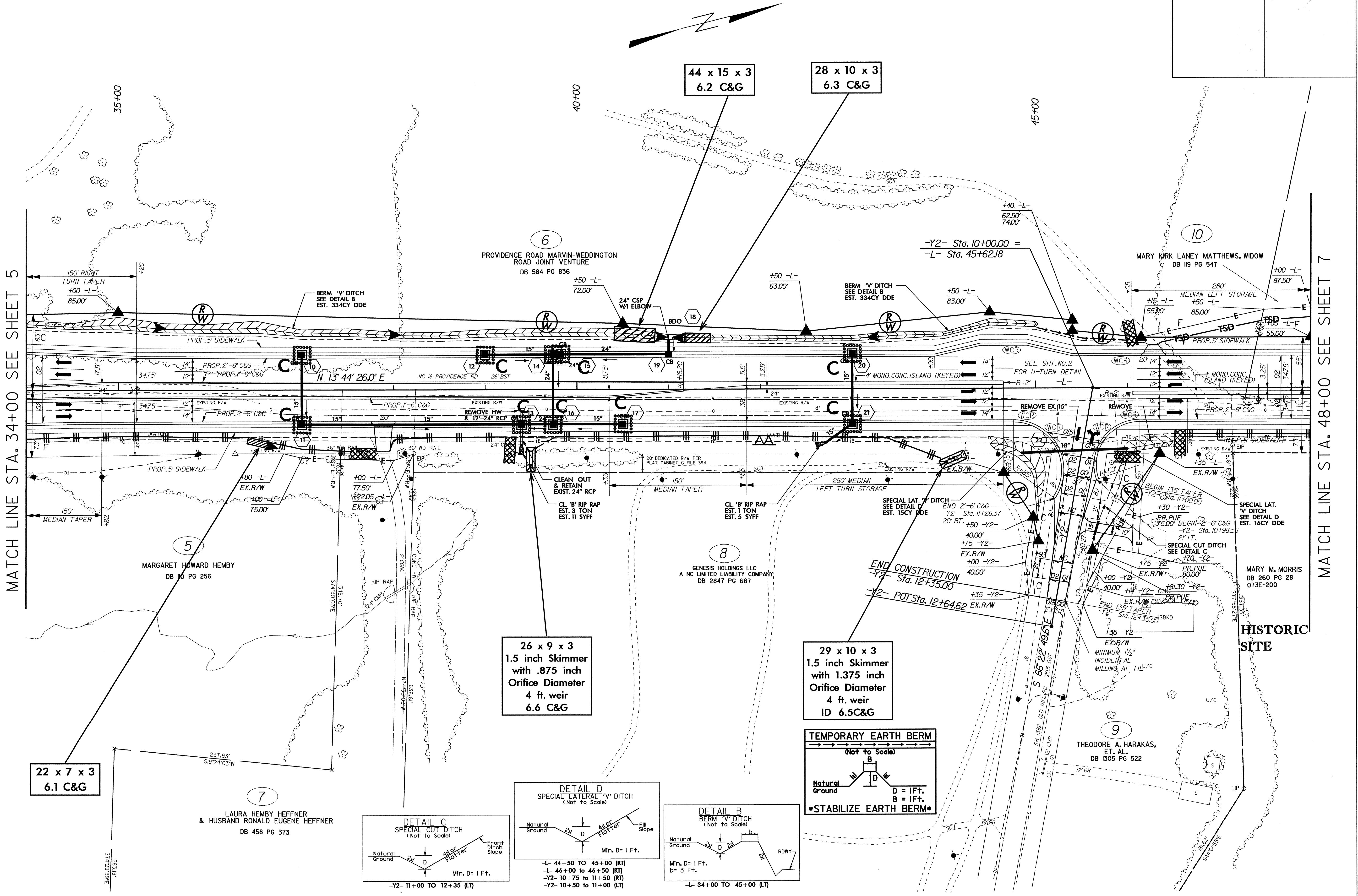
JOSEPH BORGESE &  
MARTHA BORGESE  
DB 1899 PG 522



PROJECT REFERENCE NO.		SHEET NO.	
U-2510A		EC-24/CONST.6	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

MATCH LINE STA. 34+00 SEE SHEET 5

MATCH LINE STA. 48+00 SEE SHEET 7



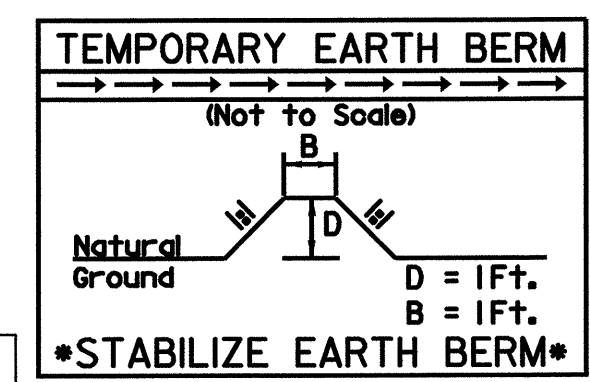
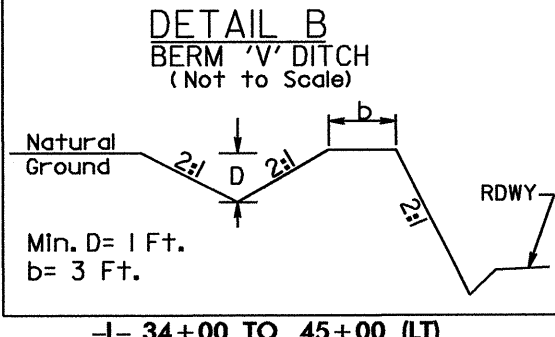
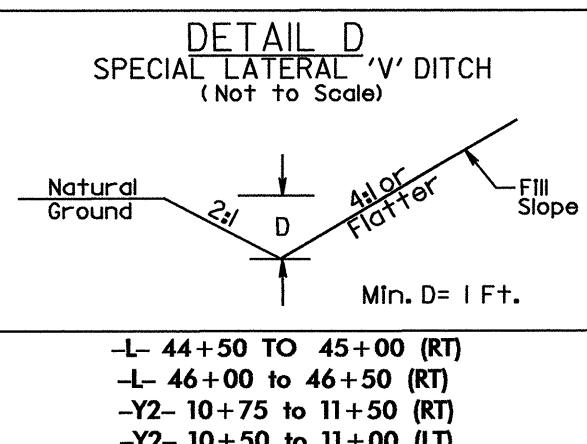
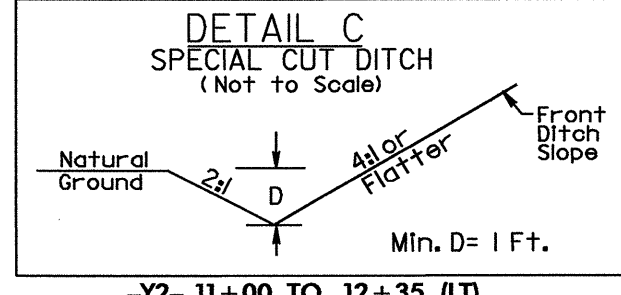
44 x 15 x 3  
6.2 C&G

28 x 10 x 3  
6.3 C&G

26 x 9 x 3  
1.5 inch Skimmer  
with .875 inch  
Orifice Diameter  
4 ft. weir  
6.6 C&G

29 x 10 x 3  
1.5 inch Skimmer  
with 1.375 inch  
Orifice Diameter  
4 ft. weir  
ID 6.5C&G

22 x 7 x 3  
6.1 C&G



103.001.002/Roadway/Pr-j/U2510a-rdy\_psh06



PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-25/CONST. 7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

42 x 10 x 3  
1.5 inch Skimmer  
with 1.25 inch  
Orifice Diameter  
4 ft. weir  
7.1 C&G

36 x 10 x 3  
1.5 inch Skimmer  
with 1.125 inch  
Orifice Diameter  
4 ft. weir  
7.2 C&G

77 x 10 x 3  
2 inch Skimmer  
with 1.652 inch  
Orifice Diameter  
5 ft. weir  
7.6 C&G

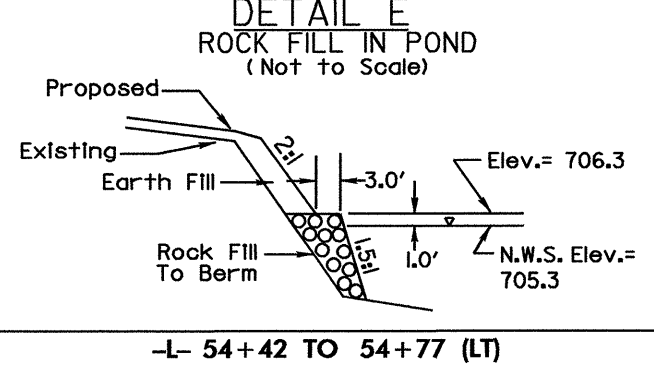
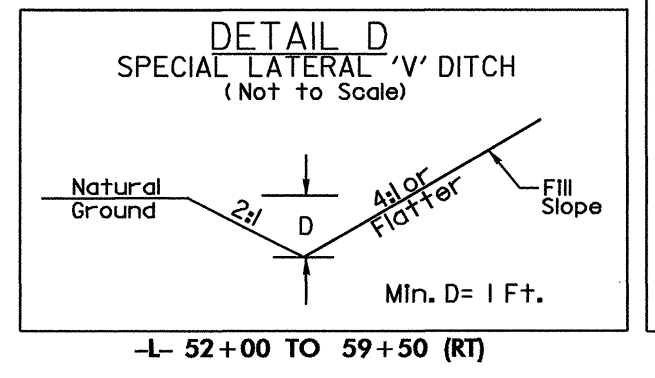
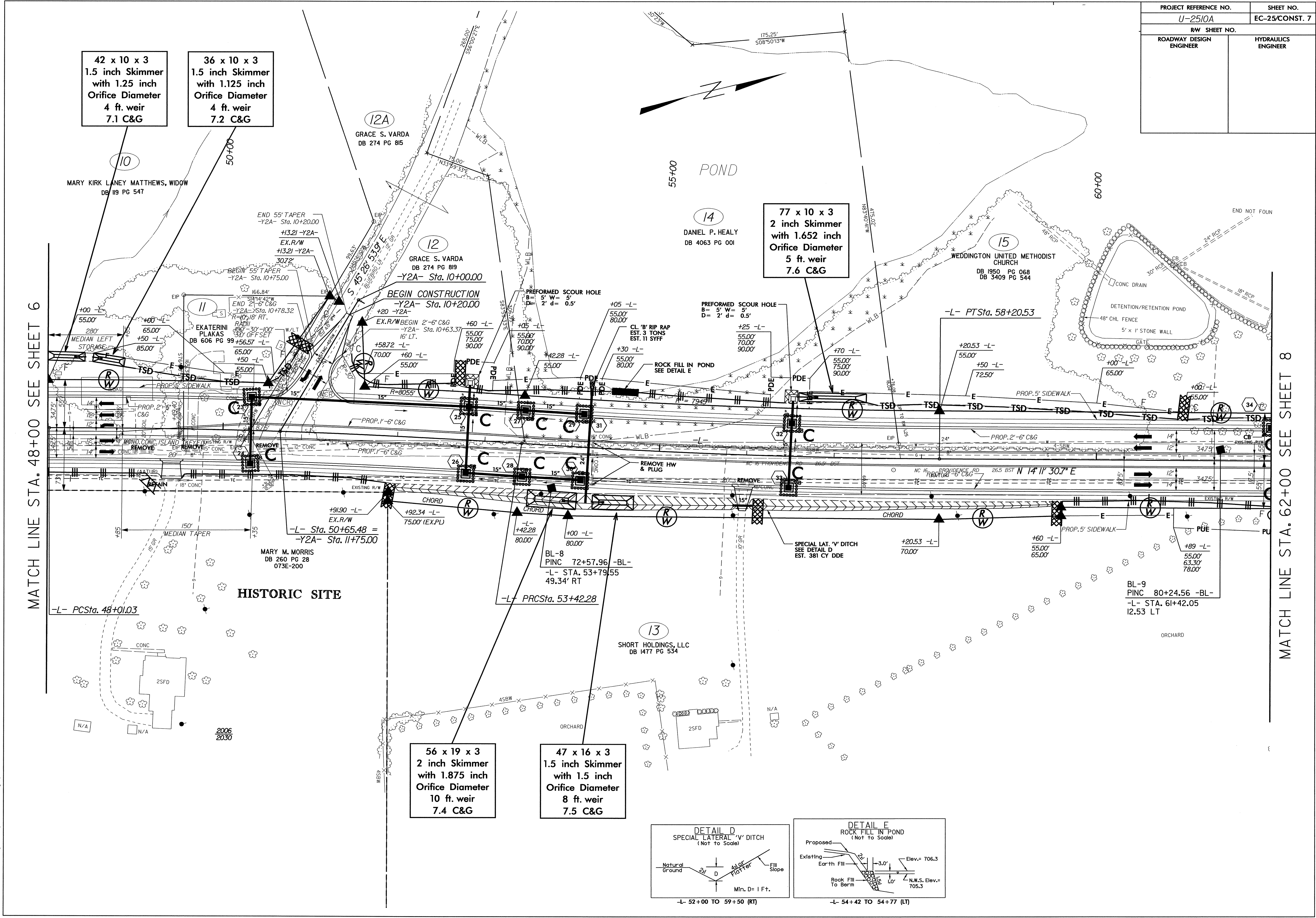
56 x 19 x 3  
2 inch Skimmer  
with 1.875 inch  
Orifice Diameter  
10 ft. weir  
7.4 C&G

47 x 16 x 3  
1.5 inch Skimmer  
with 1.5 inch  
Orifice Diameter  
8 ft. weir  
7.5 C&G

MATCH LINE STA. 48+00 SEE SHEET 6

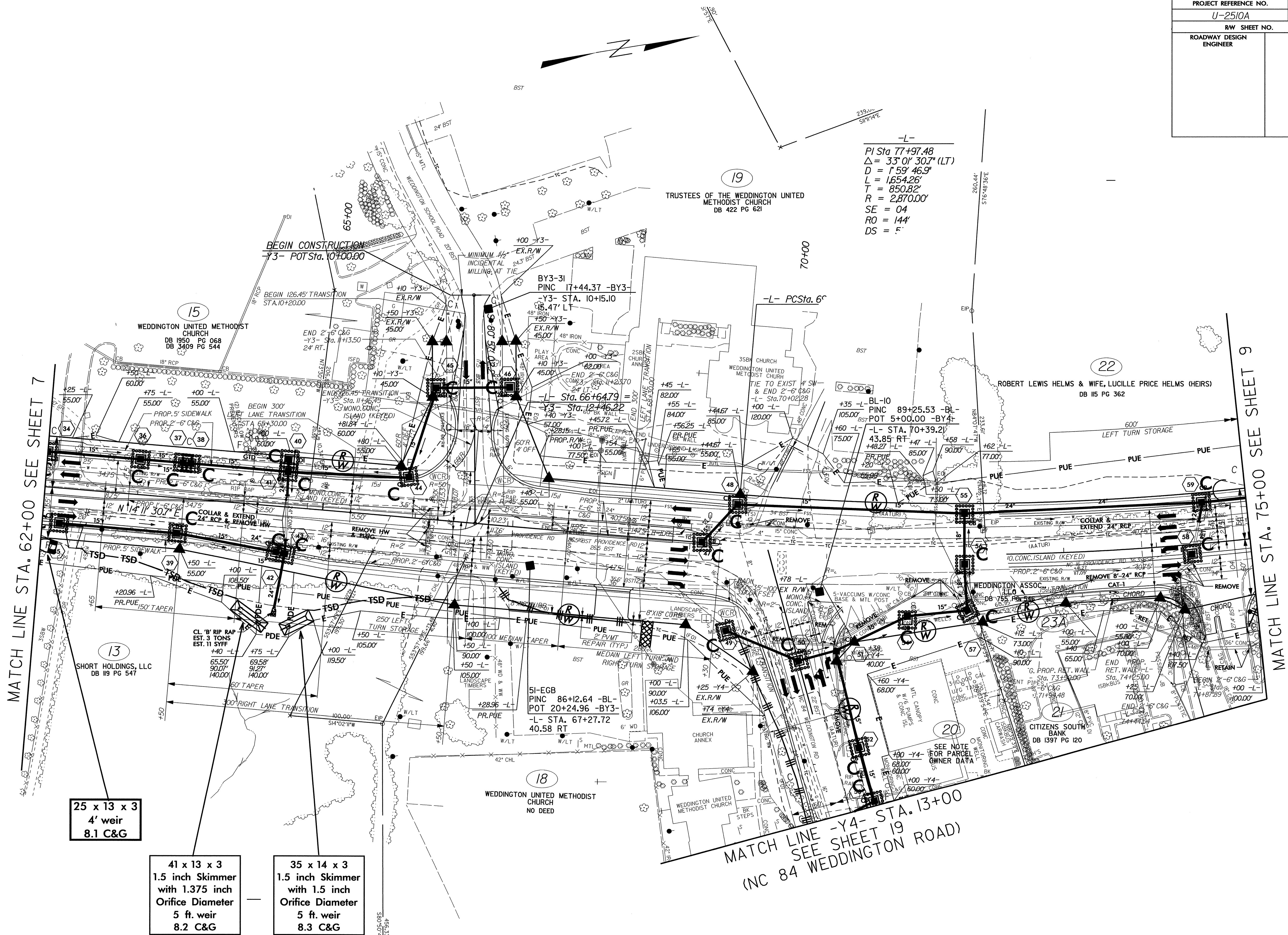
MATCH LINE STA. 62+00 SEE SHEET 8

103.001.002/Roadway/Proj/U2510a\_rdy\_psh07





PROJECT REFERENCE NO.		SHEET NO.	
U-2510A		EC-26/CONST. 8	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



-L-  
 PI Sta 77+97.48  
 $\Delta = 33^{\circ}01'30.7''$  (LT)  
 $D = 1,594.69'$   
 $L = 1,654.26'$   
 $T = 850.82'$   
 $R = 2,870.00'$   
 $SE = 04$   
 $RO = 144'$   
 $DS = 5'$

MATCH LINE STA. 62+00 SEE SHEET 7

MATCH LINE STA. 75+00 SEE SHEET 9

25 x 13 x 3  
 4' weir  
 8.1 C&G

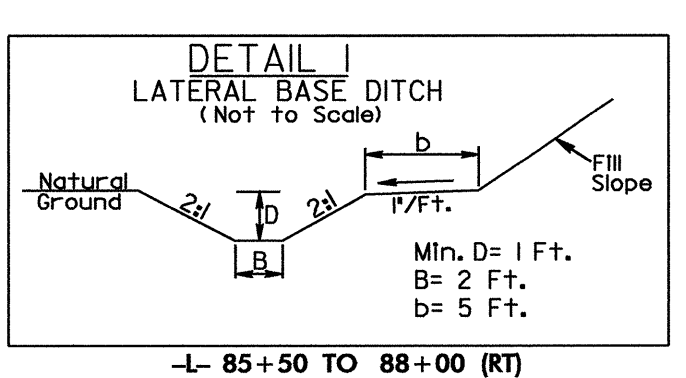
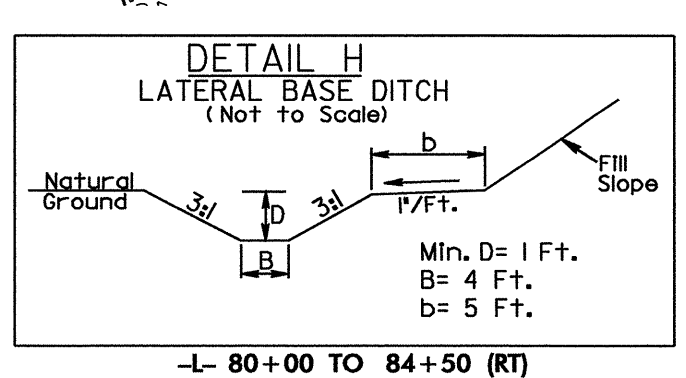
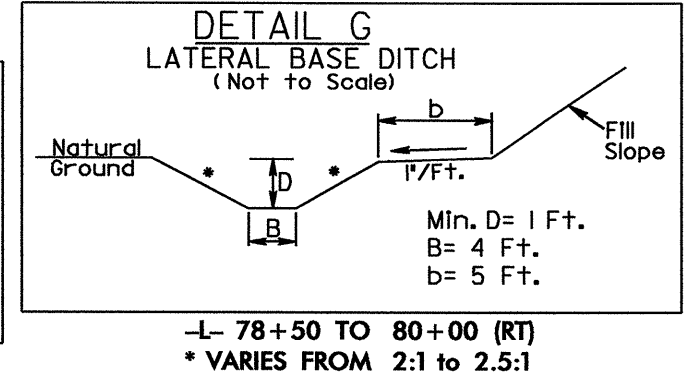
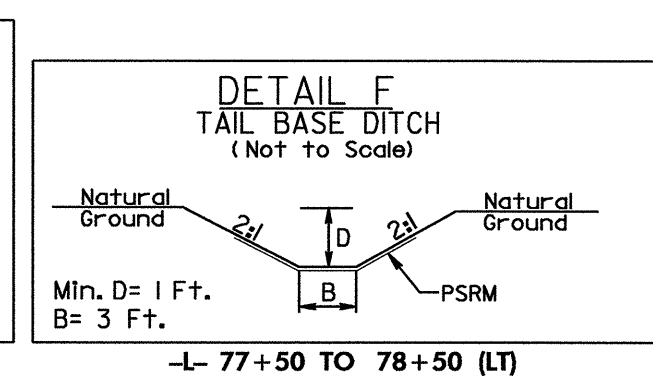
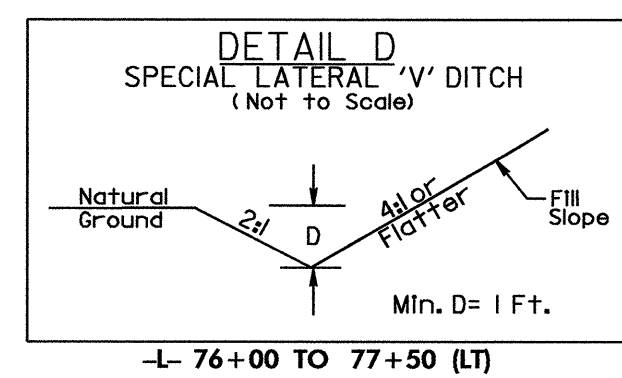
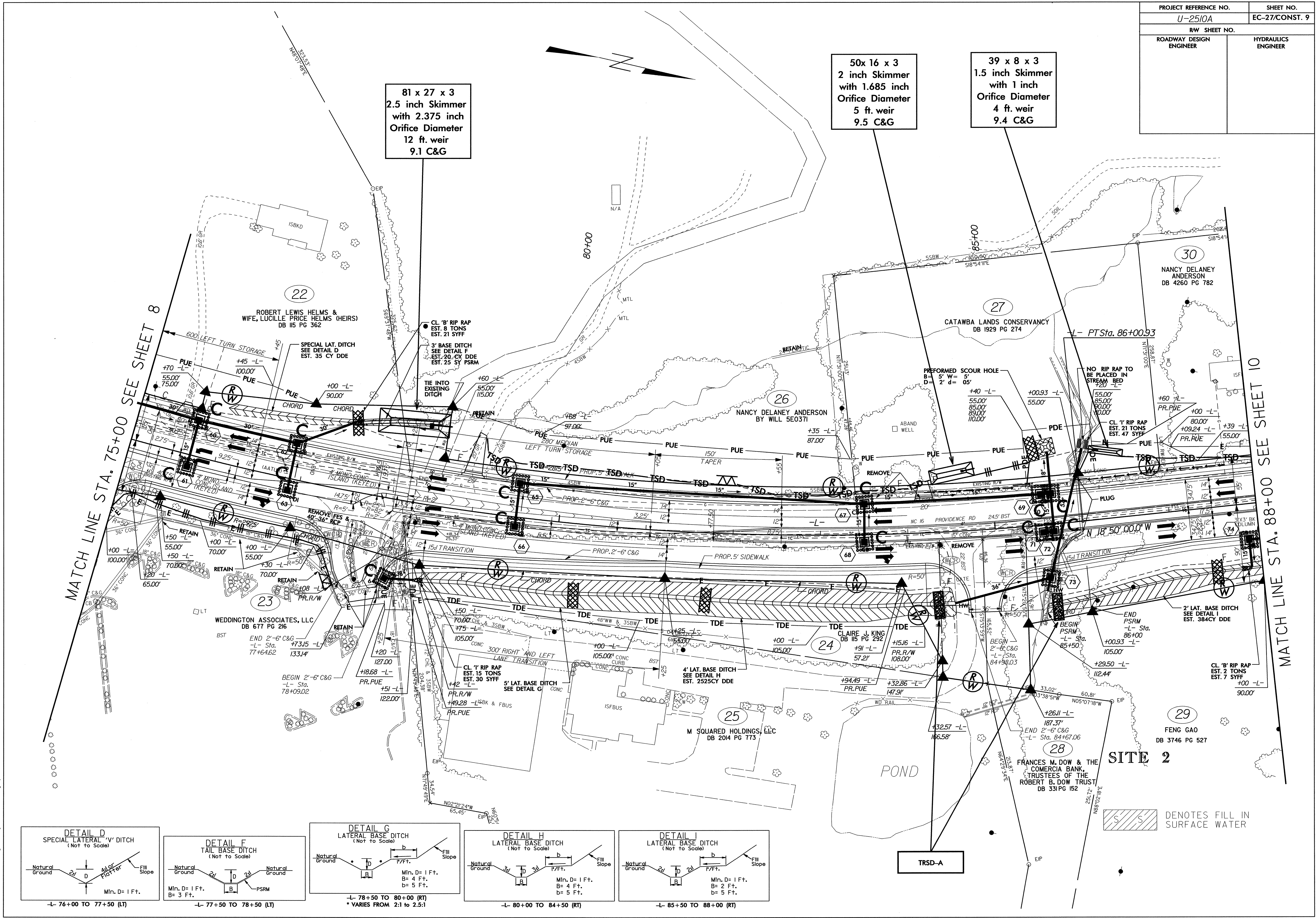
41 x 13 x 3  
 1.5 inch Skimmer  
 with 1.375 inch  
 Orifice Diameter  
 5 ft. weir  
 8.2 C&G

35 x 14 x 3  
 1.5 inch Skimmer  
 with 1.5 inch  
 Orifice Diameter  
 5 ft. weir  
 8.3 C&G

MATCH LINE -Y4- STA. 13+00  
 SEE SHEET 19  
 (NC 84 WEDDINGTON ROAD)



PROJECT REFERENCE NO.		SHEET NO.	
U-2510A		EC-27/CONST. 9	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



TRSD-A

5 5 DENOTES FILL IN SURFACE WATER

MATCH LINE STA. 75+00 SEE SHEET 8

MATCH LINE STA. 88+00 SEE SHEET 10

103.001.002/Roadway/Prj/U2510a.rdy\_psh09

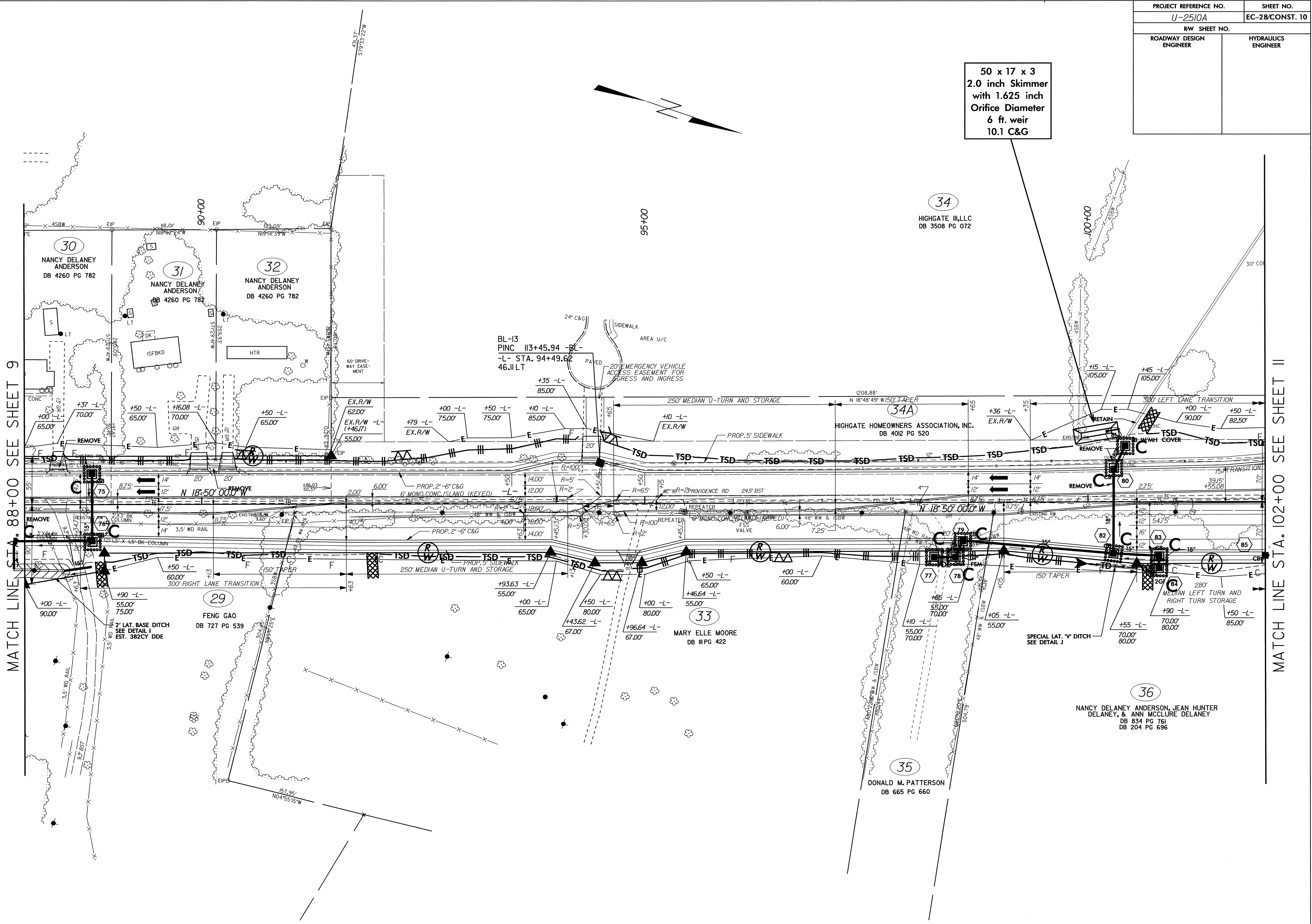


PROJECT REFERENCE NO.		SHEET NO.	
U-2510A		EC-2B/CONST. 10	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

50 x 17 x 3  
2.0 inch Skimmer  
with 1.625 inch  
Orifice Diameter  
6 ft. weir  
10.1 C&G

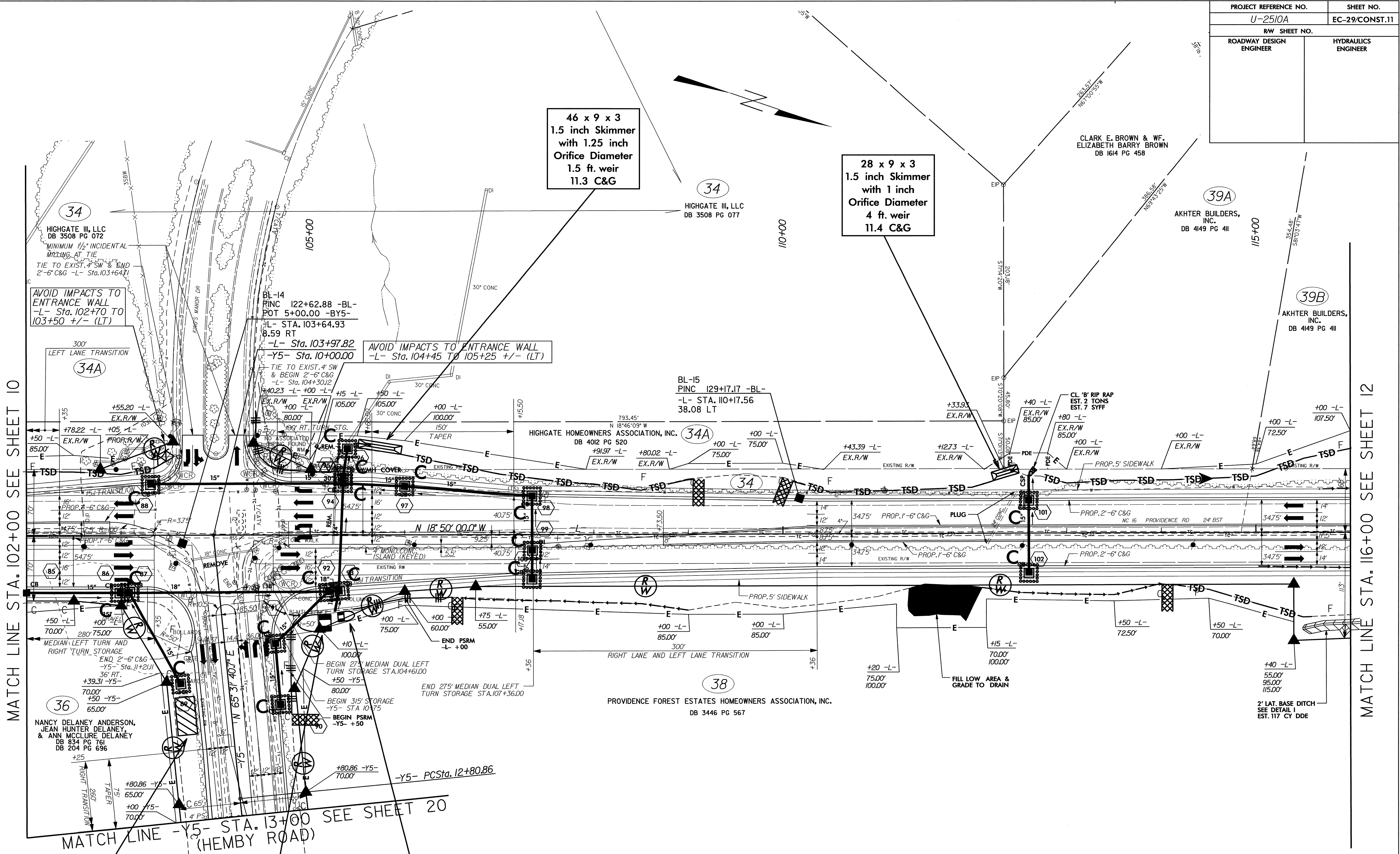
MATCH LINE STA. 88+00 SEE SHEET 9

MATCH LINE STA. 102+00 SEE SHEET 11





PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-29/CONST.11
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH LINE STA. 102+00 SEE SHEET 10

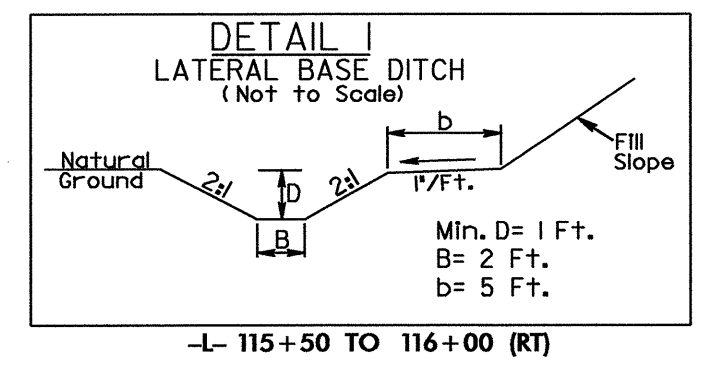
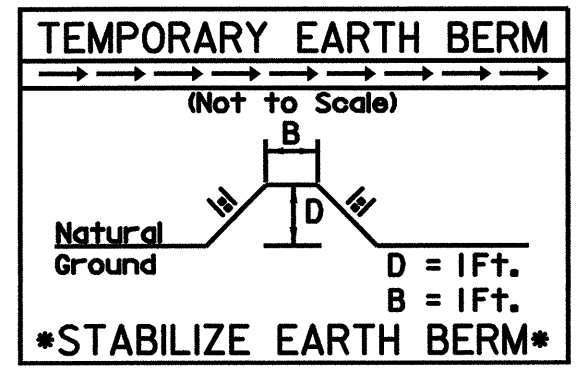
MATCH LINE STA. 116+00 SEE SHEET 12

MATCH LINE -Y5- STA. 13+00 SEE SHEET 20  
(HEMBY ROAD)

51 x 16 x 3  
ID 11.1 F

35 x 18 x 3  
6' weir  
11.1 C&G

23 x 11 x 3  
4' weir  
11.2 C&G





PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-30/CONST. 12
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

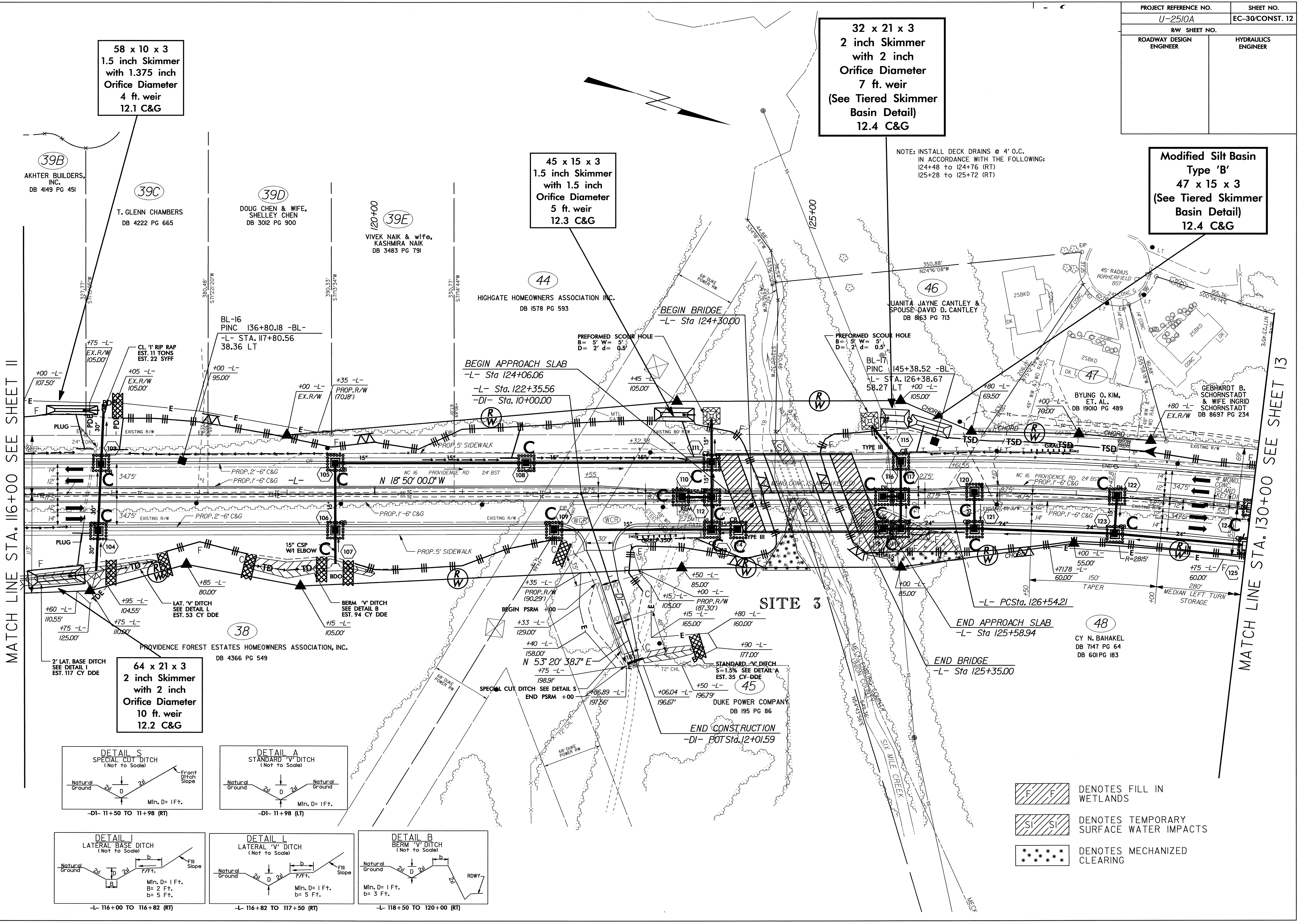
58 x 10 x 3  
1.5 inch Skimmer  
with 1.375 inch  
Orifice Diameter  
4 ft. weir  
12.1 C&G

32 x 21 x 3  
2 inch Skimmer  
with 2 inch  
Orifice Diameter  
7 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
12.4 C&G

45 x 15 x 3  
1.5 inch Skimmer  
with 1.5 inch  
Orifice Diameter  
5 ft. weir  
12.3 C&G

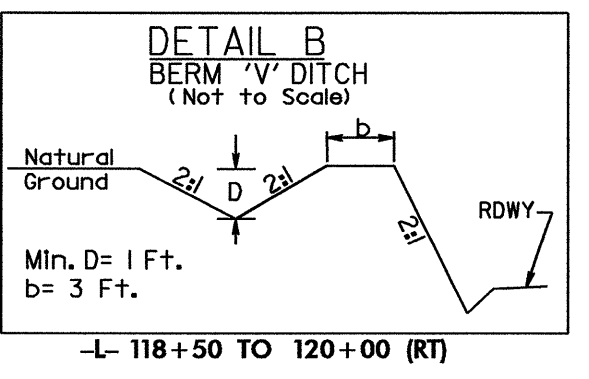
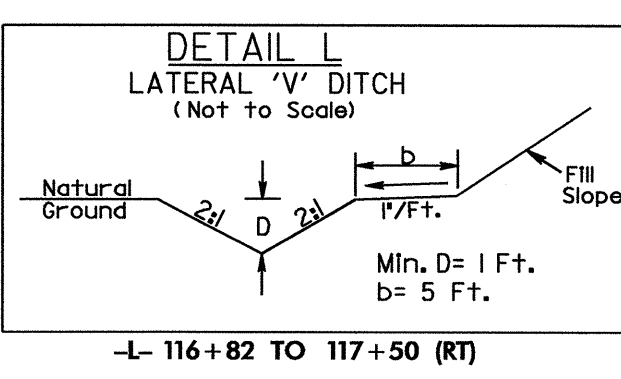
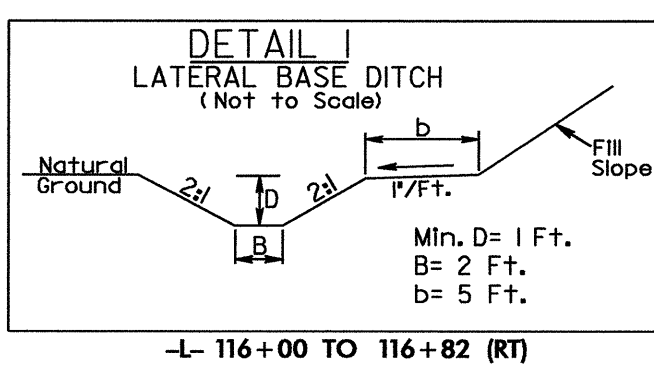
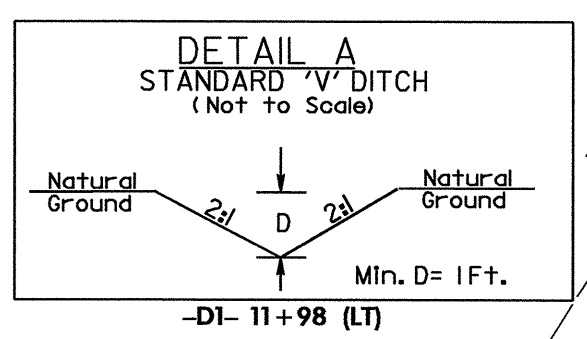
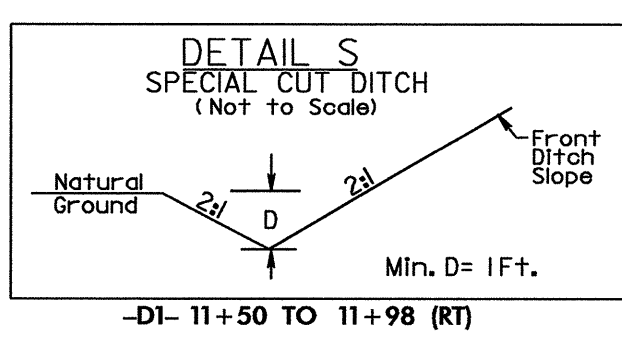
Modified Silt Basin  
Type 'B'  
47 x 15 x 3  
(See Tiered Skimmer  
Basin Detail)  
12.4 C&G

NOTE: INSTALL DECK DRAINS @ 4' O.C.  
IN ACCORDANCE WITH THE FOLLOWING:  
I24+48 to I24+76 (RT)  
I25+28 to I25+72 (RT)



MATCH LINE STA. 116+00 SEE SHEET 11

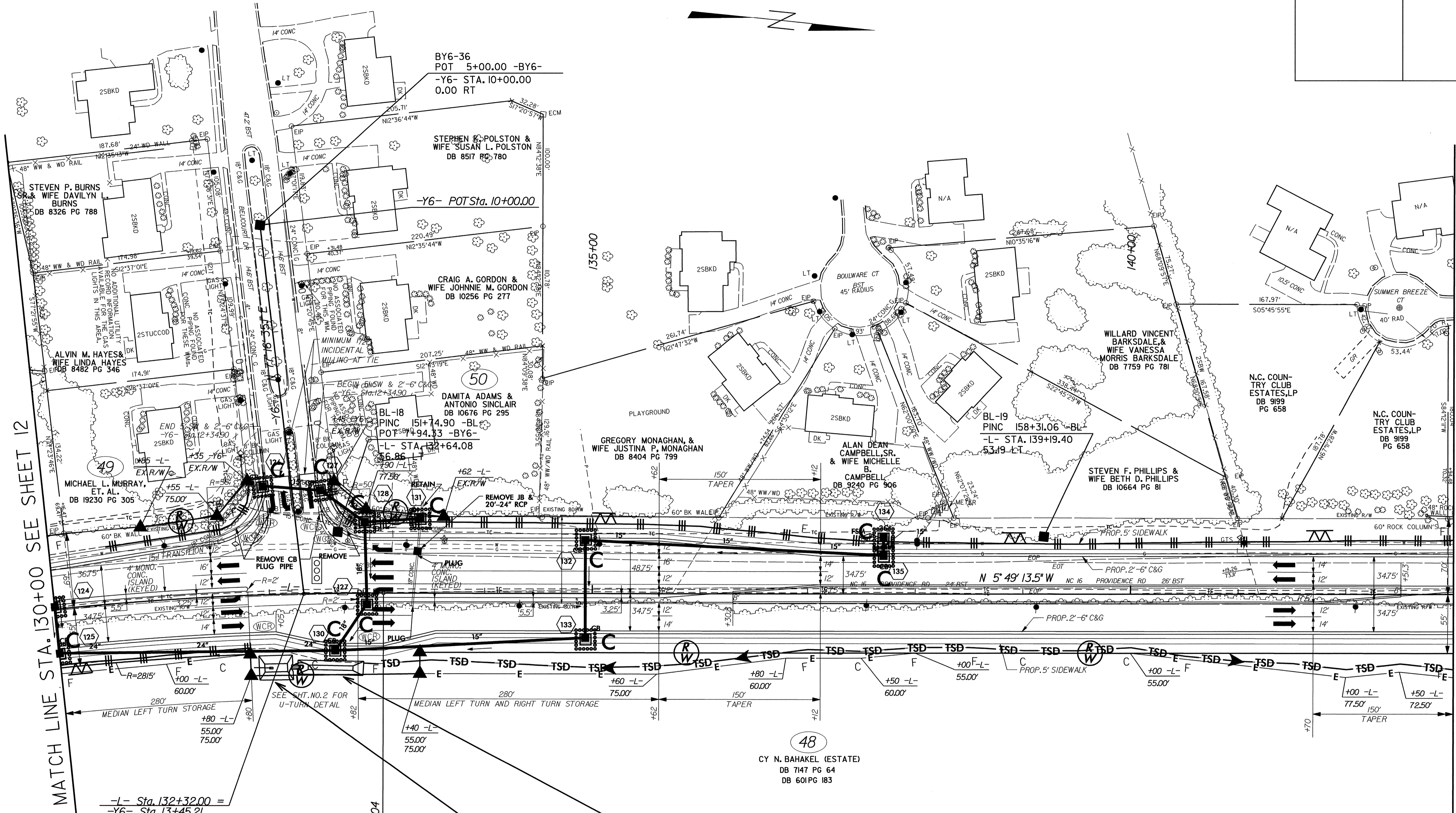
MATCH LINE STA. 130+00 SEE SHEET 13



- DENOTES FILL IN WETLANDS
- DENOTES TEMPORARY SURFACE WATER IMPACTS
- DENOTES MECHANIZED CLEARING



PROJECT REFERENCE NO.		SHEET NO.	
U-2510A		EC-31/CONST. 13	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



MATCH LINE STA. 130+00 SEE SHEET 12

MATCH LINE STA. 143+00 SEE SHEET 14

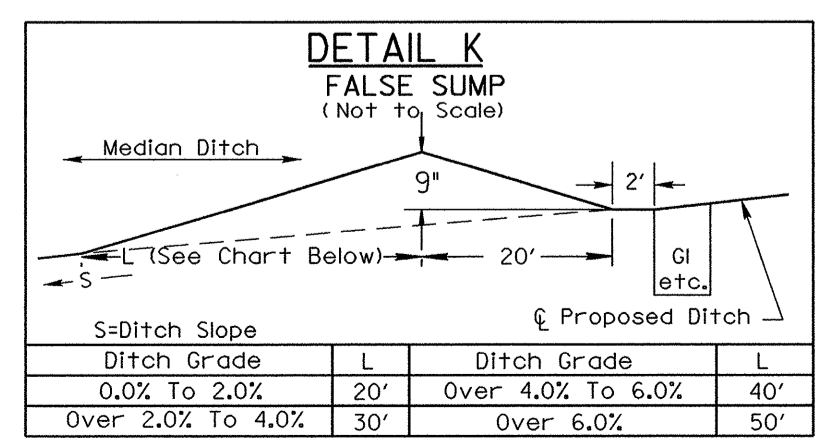
-L- Sta. 132+32.00 =  
-Y6- Sta. 13+45.21

-L-  
PI Sta 129+81.53  
 $\Delta = 13^{\circ}00'46.5''$  (RT)  
 $D = 1^{\circ}59'46.9''$   
 $L = 651.83'$   
 $T = 327.32'$   
 $R = 2,870.00'$   
 $SE = 04$   
 $RO = 144'$   
 $DS = 55$  MPH

-L- PT Sta. 133+06.04

**34 x 23 x 3**  
**2.5 inch Skimmer**  
**with 2.25 inch**  
**Orifice Diameter**  
**X ft. weir**  
**(See Tiered Skimmer**  
**Basin Detail)**  
**13.1 C&G**

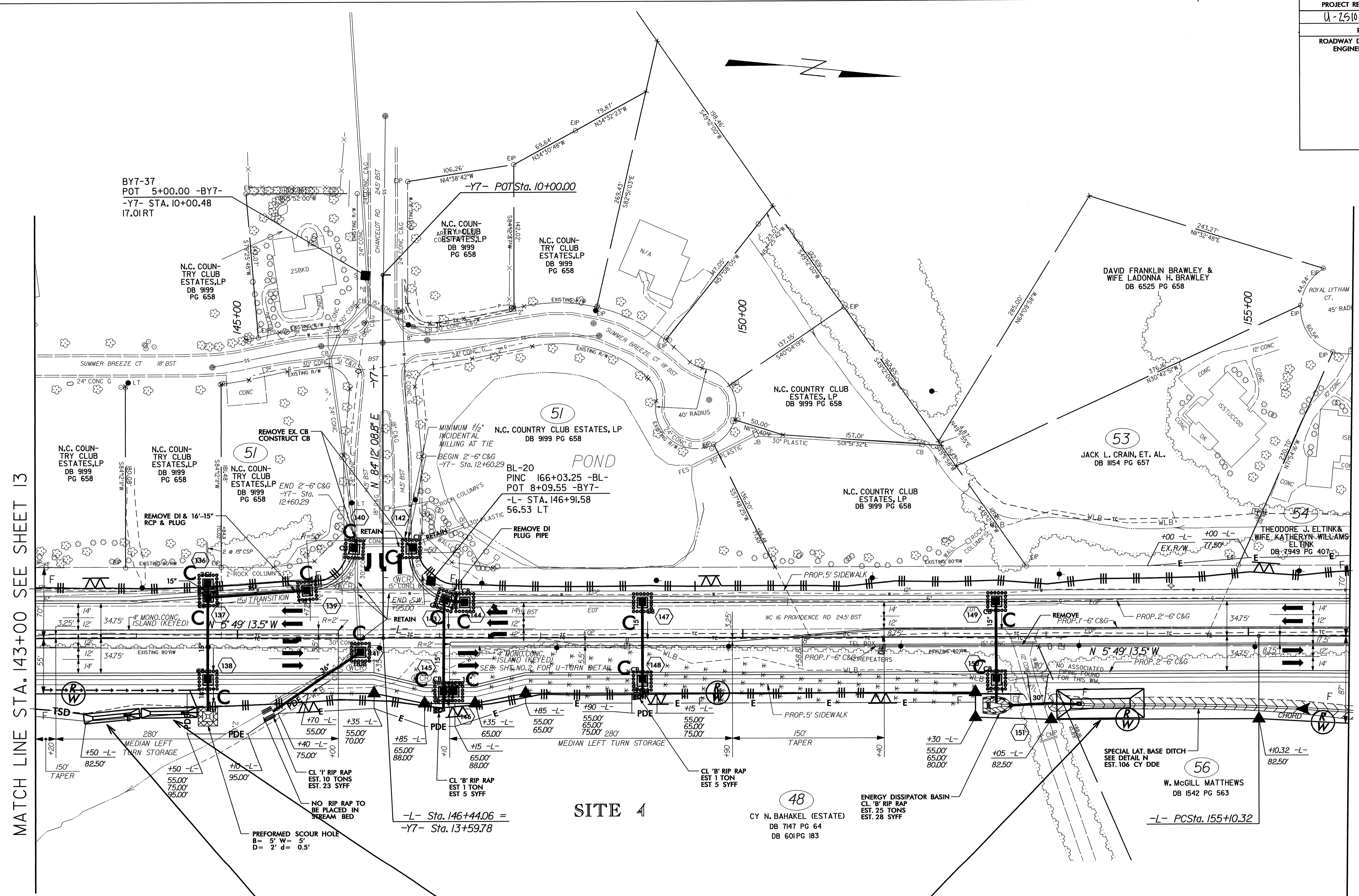
**Modified Silt Basin**  
**Type 'B'**  
**61 x 13 x 3**  
**(See Tiered Skimmer**  
**Basin Detail)**  
**13.1 C&G**



48  
CY N. BAHAKEL (ESTATE)  
DB 7147 PG 64  
DB 601 PG 183



PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-32/CONST. 14
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH LINE STA. 143+00 SEE SHEET 13

MATCH LINE STA. 156+00 SEE SHEET 15

**Modified Silt Basin  
Type 'B'**  
55 x 10 x 3  
(See Tiered Skimmer  
Basin Detail)  
ID 14.1C&G

**55 x 10 x 3  
2.0 inch Skimmer  
with 1.875 inch  
Orifice Diameter  
4 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
14.1 C&G**

**86 x 29 x 3  
3.0 inch Skimmer  
with 2.625 inch  
Orifice Diameter  
12 ft. weir  
14.2 C&G**

**SITE 4**

**POND**

**56**  
W. MCGILL MATTHEWS  
DB 1542 PG 563

**48**  
CY N. BAHAKEL (ESTATE)  
DB 7147 PG 64  
DB 601PG 183

-L- PCSta. 155+10.32

-L- Sta. 146+44.06 =  
-Y7- Sta. 13+59.78

BY7-37  
POT 5+00.00 -BY7-  
-Y7- STA. 10+00.48  
17.01RT

BL-20  
PINC 166+03.25 -BL-  
POT 8+09.55 -BY7-  
-L- STA. 146+91.58  
56.53 LT

DAVID FRANKLIN BRAWLEY &  
WIFE LADONNA H. BRAWLEY  
DB 6525 PG 658

N.C. COUN-  
TRY CLUB  
ESTATES,LP  
DB 9199  
PG 658

N.C. COUN-  
TRY CLUB  
ESTATES,LP  
DB 9199  
PG 658

N.C. COUN-  
TRY CLUB  
ESTATES,LP  
DB 9199  
PG 658

N.C. COUNTRY CLUB  
ESTATES, LP  
DB 9199 PG 658

N.C. COUNTRY CLUB  
ESTATES, LP  
DB 9199 PG 658

JACK L. CRAIN, ET. AL.  
DB 11154 PG 657

THEODORE J. ELTINK &  
WIFE KATHERYN WILLIAMS  
ELTINK  
DB 7949 PG 407

N.C. COUN-  
TRY CLUB  
ESTATES,LP  
DB 9199  
PG 658

N.C. COUN-  
TRY CLUB  
ESTATES,LP  
DB 9199  
PG 658

N.C. COUN-  
TRY CLUB  
ESTATES,LP  
DB 9199  
PG 658

150' TAPER

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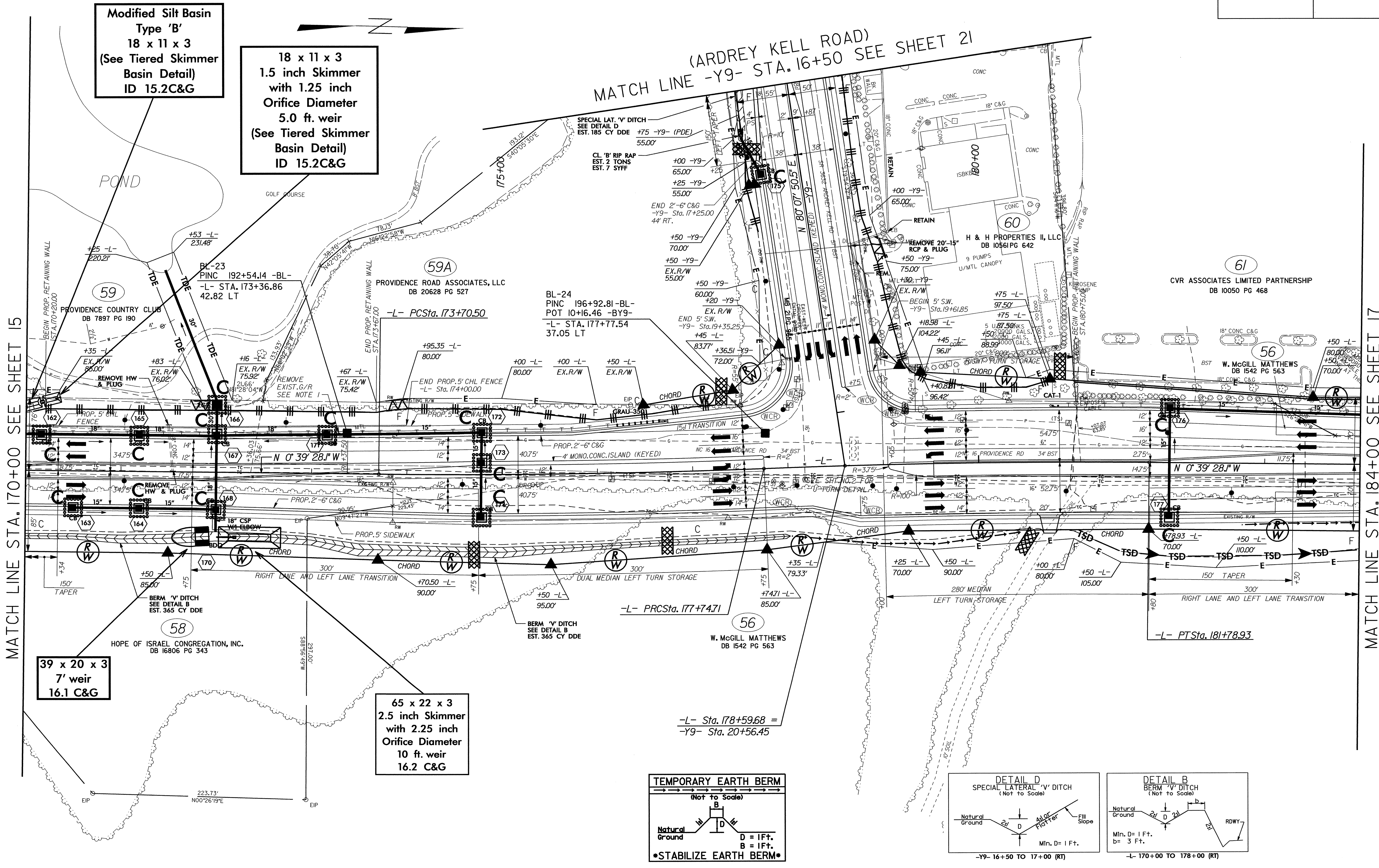
150' TAPER







PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-34/CONST. 16
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

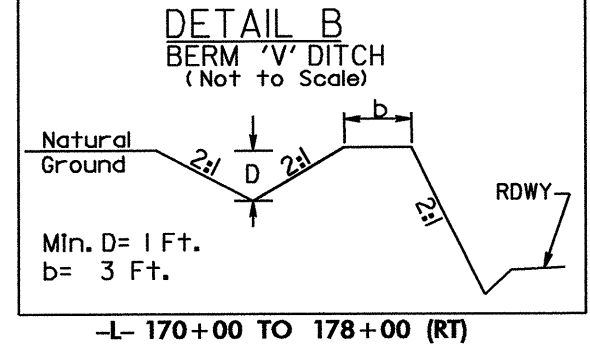
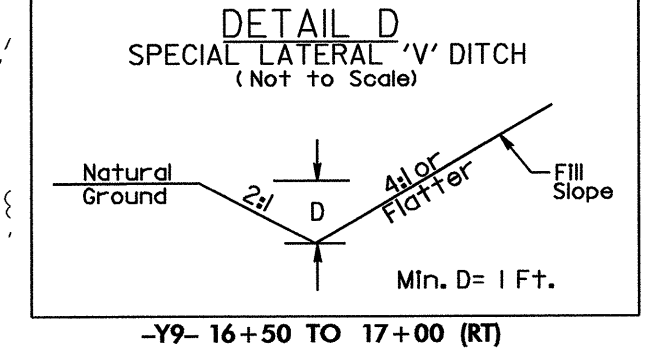
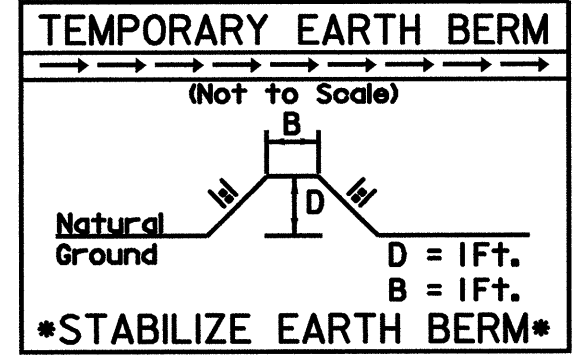


**Modified Silt Basin  
Type 'B'  
18 x 11 x 3  
(See Tiered Skimmer  
Basin Detail)  
ID 15.2C&G**

**18 x 11 x 3  
1.5 inch Skimmer  
with 1.25 inch  
Orifice Diameter  
5.0 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
ID 15.2C&G**

**39 x 20 x 3  
7' weir  
16.1 C&G**

**65 x 22 x 3  
2.5 inch Skimmer  
with 2.25 inch  
Orifice Diameter  
10 ft. weir  
16.2 C&G**



103.001.002/Roadway/Proj/12510a\_rdy\_psh16

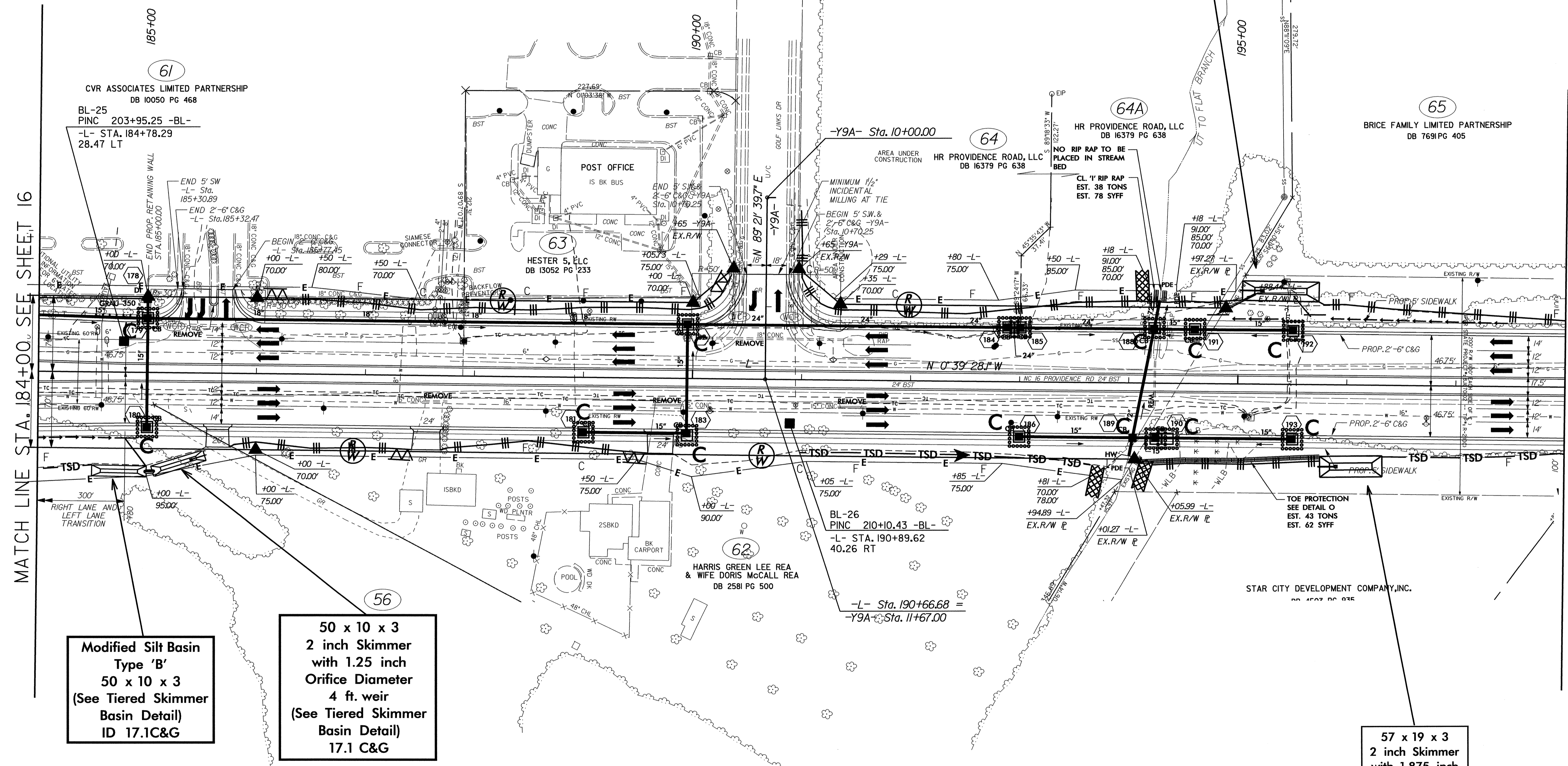
MATCH LINE STA. 170+00 SEE SHEET 15

MATCH LINE STA. 184+00 SEE SHEET 17

(ARDREY KELL ROAD)  
MATCH LINE -Y9- STA. 16+50 SEE SHEET 21



PROJECT REFERENCE NO. U-2510A	SHEET NO. EC-35/CONST. 17
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

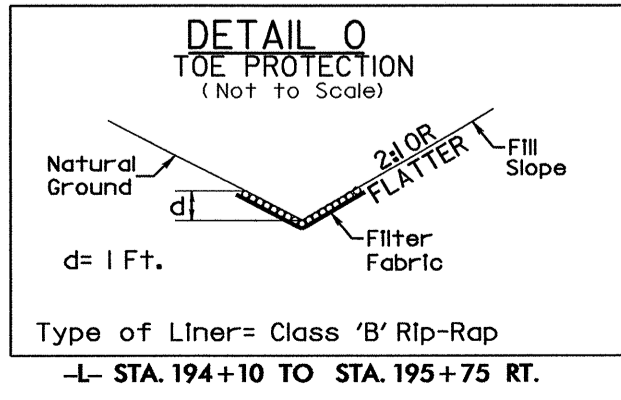
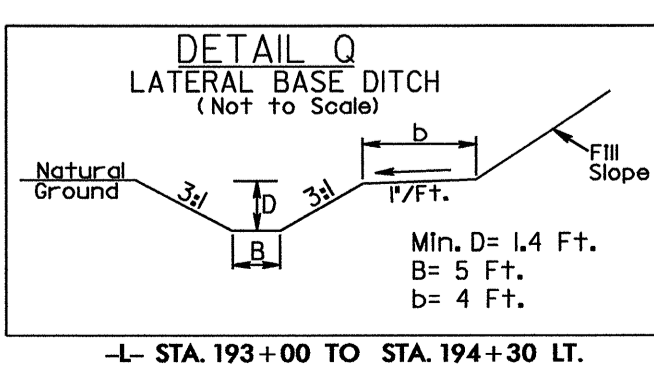
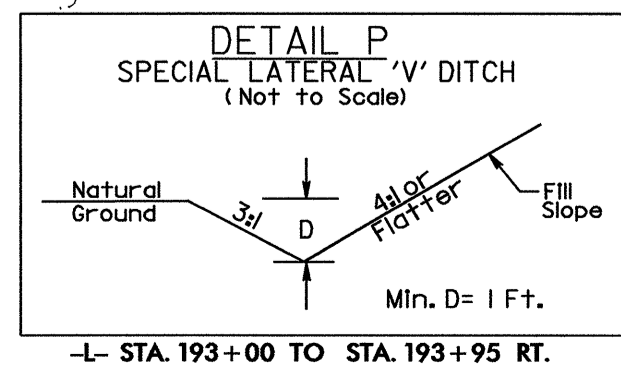


70 x 18 x 3  
2 inch Skimmer  
with 2 inch  
Orifice Diameter  
6 ft. weir  
17.5 C&G

Modified Silt Basin  
Type 'B'  
50 x 10 x 3  
(See Tiered Skimmer  
Basin Detail)  
ID 17.1C&G

50 x 10 x 3  
2 inch Skimmer  
with 1.25 inch  
Orifice Diameter  
4 ft. weir  
(See Tiered Skimmer  
Basin Detail)  
17.1 C&G

57 x 19 x 3  
2 inch Skimmer  
with 1.875 inch  
Orifice Diameter  
6 ft. weir  
17.4 C&G



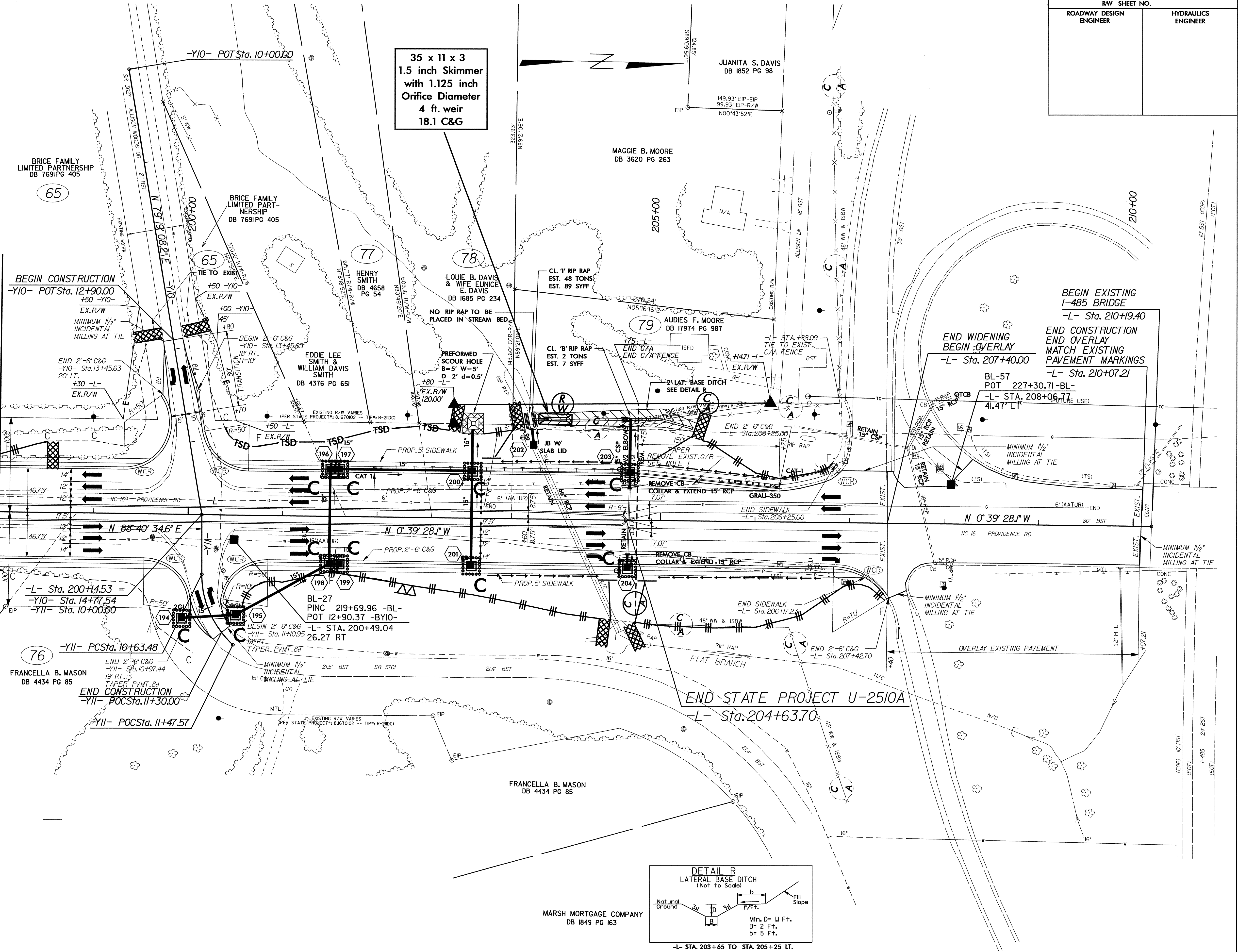
MATCH LINE STA. 184+00. SEE SHEET 16

MATCH LINE STA. 198+00 SEE SHEET 18

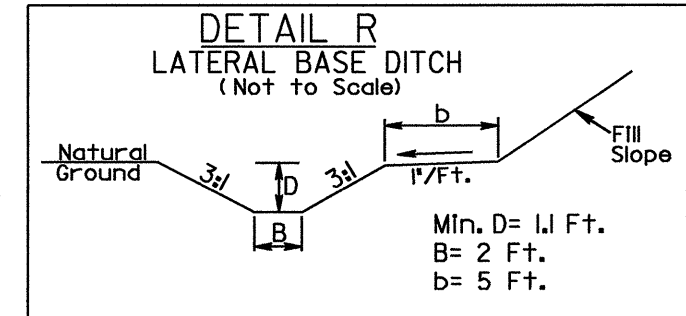


PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-36/CONST. 18
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

MATCH LINE STA. 198+00 SEE SHEET 17



35 x 11 x 3  
1.5 inch Skimmer  
with 1.125 inch  
Orifice Diameter  
4 ft. weir  
18.1 C&G

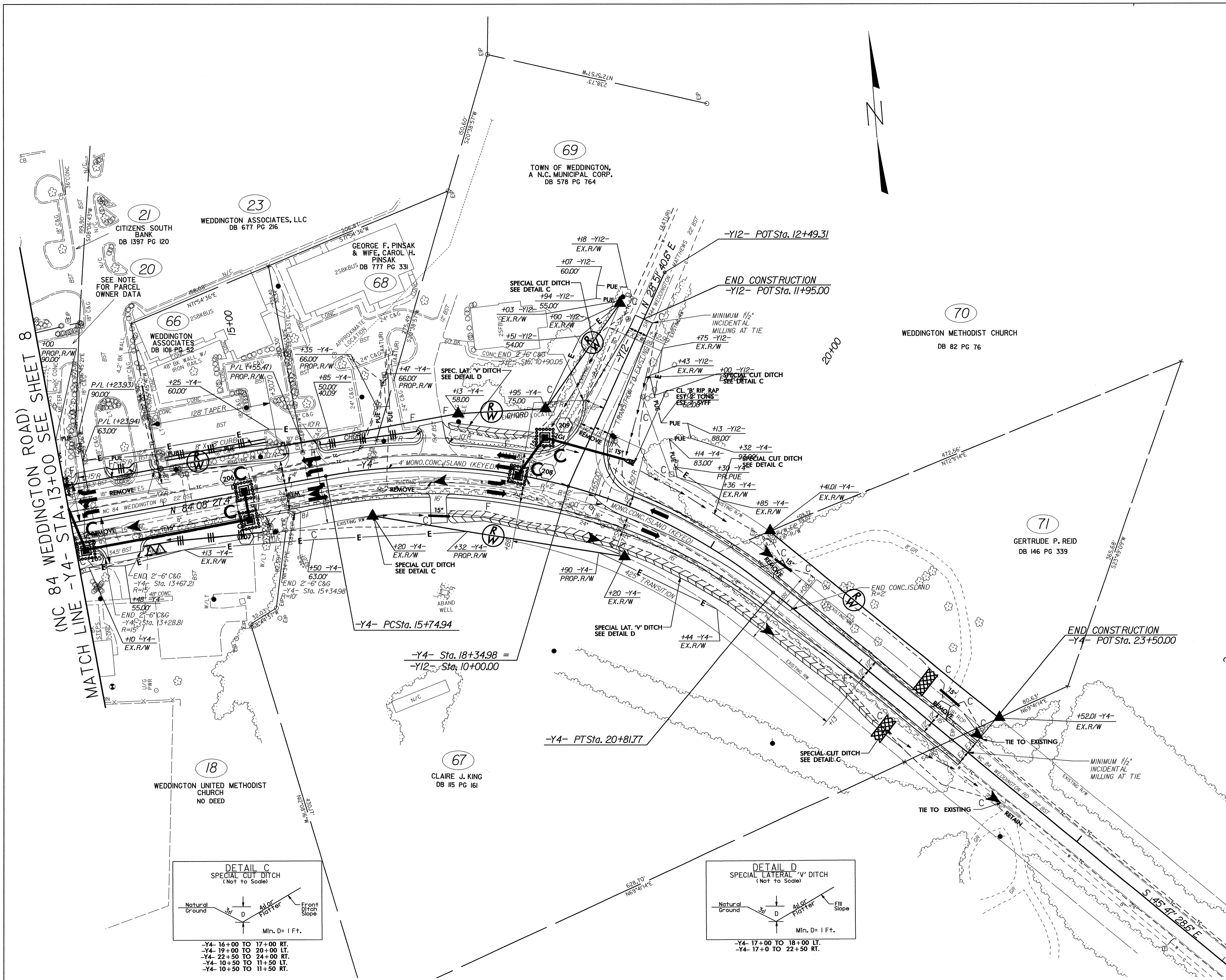


MARSH MORTGAGE COMPANY  
DB 1849 PG 163

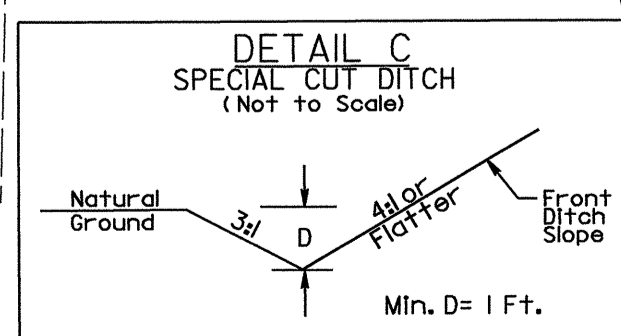
-L- STA. 203+65 TO STA. 205+25 LT.



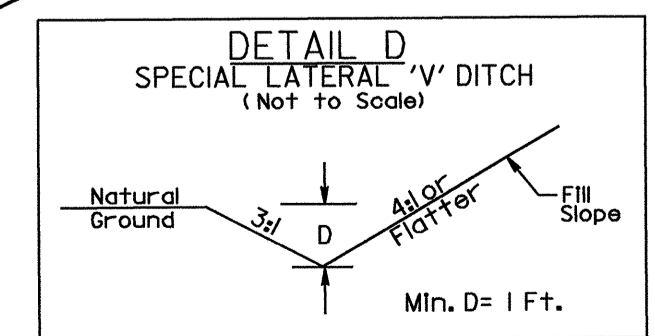
PROJECT REFERENCE NO.	SHEET NO.
U-2510A	EC-37/CONST. 19
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH LINE -Y4- STA. 13+00 SEE SHEET 8



-Y4- 16+00 TO 17+00 RT.  
-Y4- 19+00 TO 20+00 LT.  
-Y4- 22+50 TO 24+00 RT.  
-Y4- 10+50 TO 11+50 LT.  
-Y4- 10+50 TO 11+50 RT.



-Y4- 17+00 TO 18+00 LT.  
-Y4- 17+0 TO 22+50 RT.









