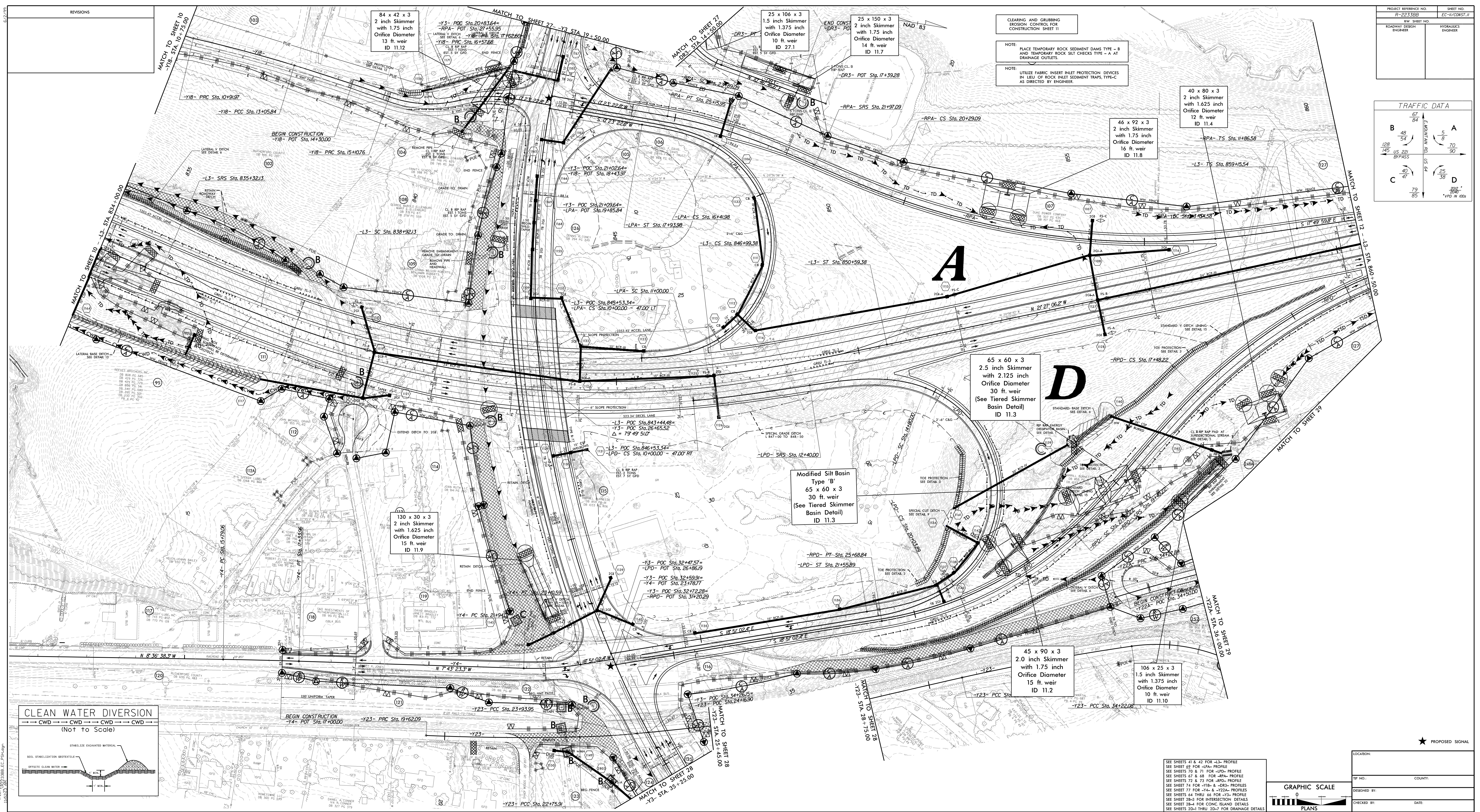
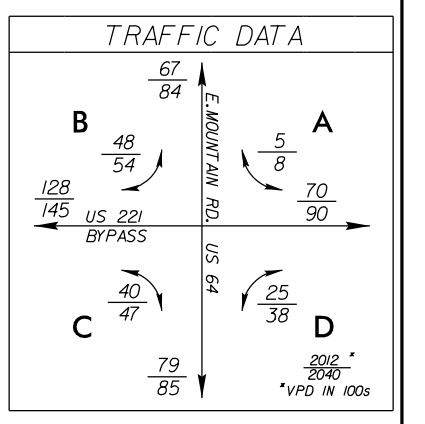
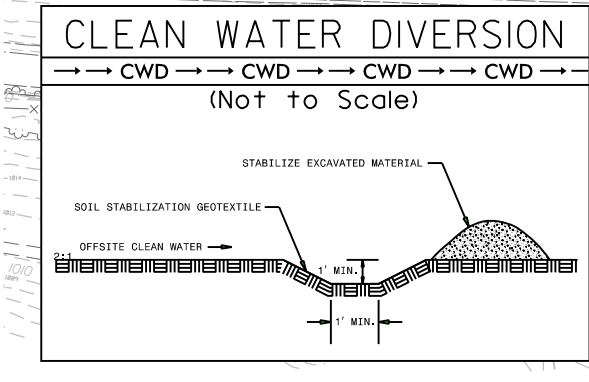


PROJECT REFERENCE NO.	R-2233BB	SHEET NO.	EC-11/CONSTR-II
ROWWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



REVISIONS



GRAPHIC SCALE	0	10	20	30	40	50	60	70	80	90	100
PLANS											

SEE SHEETS 11 & 43 FOR -L3- PROFILE
 SEE SHEET 60 FOR -LPA- PROFILE
 SEE SHEETS 70 & 71 FOR -LPS- PROFILE
 SEE SHEETS 67 & 68 FOR -LPA- PROFILE
 SEE SHEETS 72 & 73 FOR -LPS- PROFILE
 SEE SHEET 74 FOR -L3- & -LPA- PROFILES
 SEE SHEET 77 FOR -L3- & -LPA- PROFILES
 SEE SHEET 78 FOR -L3- & -LPA- PROFILES
 SEE SHEET 79 FOR -L3- & -LPA- PROFILES
 SEE SHEET 80 FOR -L3- & -LPA- PROFILES
 SEE SHEET 81 FOR -L3- & -LPA- PROFILES
 SEE SHEET 82 FOR -L3- & -LPA- PROFILES
 SEE SHEET 83 FOR -L3- & -LPA- PROFILES
 SEE SHEET 84 FOR -L3- & -LPA- PROFILES
 SEE SHEET 85 FOR -L3- & -LPA- PROFILES
 SEE SHEET 86 FOR -L3- & -LPA- PROFILES
 SEE SHEET 87 FOR -L3- & -LPA- PROFILES
 SEE SHEET 88 FOR -L3- & -LPA- PROFILES
 SEE SHEET 89 FOR -L3- & -LPA- PROFILES
 SEE SHEET 90 FOR -L3- & -LPA- PROFILES
 SEE SHEET 91 FOR -L3- & -LPA- PROFILES
 SEE SHEET 92 FOR -L3- & -LPA- PROFILES
 SEE SHEET 93 FOR -L3- & -LPA- PROFILES
 SEE SHEET 94 FOR -L3- & -LPA- PROFILES
 SEE SHEET 95 FOR -L3- & -LPA- PROFILES
 SEE SHEET 96 FOR -L3- & -LPA- PROFILES
 SEE SHEET 97 FOR -L3- & -LPA- PROFILES
 SEE SHEET 98 FOR -L3- & -LPA- PROFILES
 SEE SHEET 99 FOR -L3- & -LPA- PROFILES
 SEE SHEET 100 FOR -L3- & -LPA- PROFILES

★ PROPOSED SIGNAL

LOCATION:	
BY NO.:	COUNTY:
DESIGNED BY:	DATE:
CHECKED BY:	

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-12/CONST.12
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 12

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

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C AS DIRECTED BY ENGINEER.

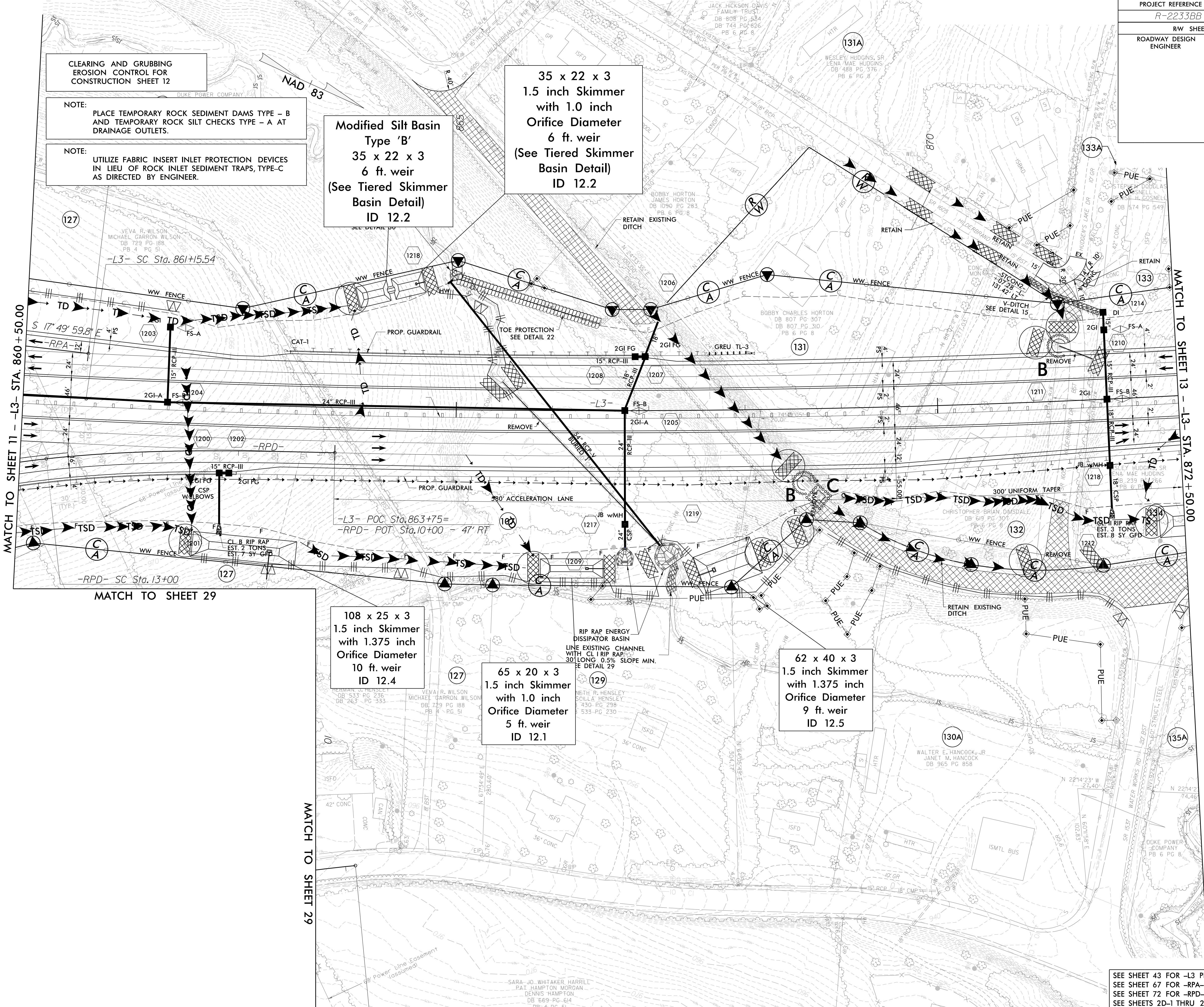
Modified Silt Basin
Type 'B'
35 x 22 x 3
6 ft. weir
(See Tiered Skimmer Basin Detail)
ID 12.2

35 x 22 x 3
1.5 inch Skimmer
with 1.0 inch
Orifice Diameter
6 ft. weir
(See Tiered Skimmer Basin Detail)
ID 12.2

108 x 25 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
10 ft. weir
ID 12.4

65 x 20 x 3
1.5 inch Skimmer
with 1.0 inch
Orifice Diameter
5 ft. weir
ID 12.1

62 x 40 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
9 ft. weir
ID 12.5



SEE SHEET 43 FOR -L3- PROFILE
SEE SHEET 67 FOR -RPA- PROFILE
SEE SHEET 72 FOR -RPD- PROFILE
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

ROW REV. - December 21, 2017 - Parcel 133- Added PUE line (WET)

3/16/2020
R-2233BB-EC_PSH.dgn
5:43:55 PM

5/14/99

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-13/CONST.13
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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

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

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES
IN LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C
AS DIRECTED BY ENGINEER.

90 x 32 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
11 ft. weir
ID 13.1

75 x 21 x 3
1.5 inch Skimmer
with 1.125 inch
Orifice Diameter
6 ft. weir
ID 13.2

50 x 25 x 3
1.5 inch Skimmer
with 1.0 inch
Orifice Diameter
5 ft. weir
ID 13.4

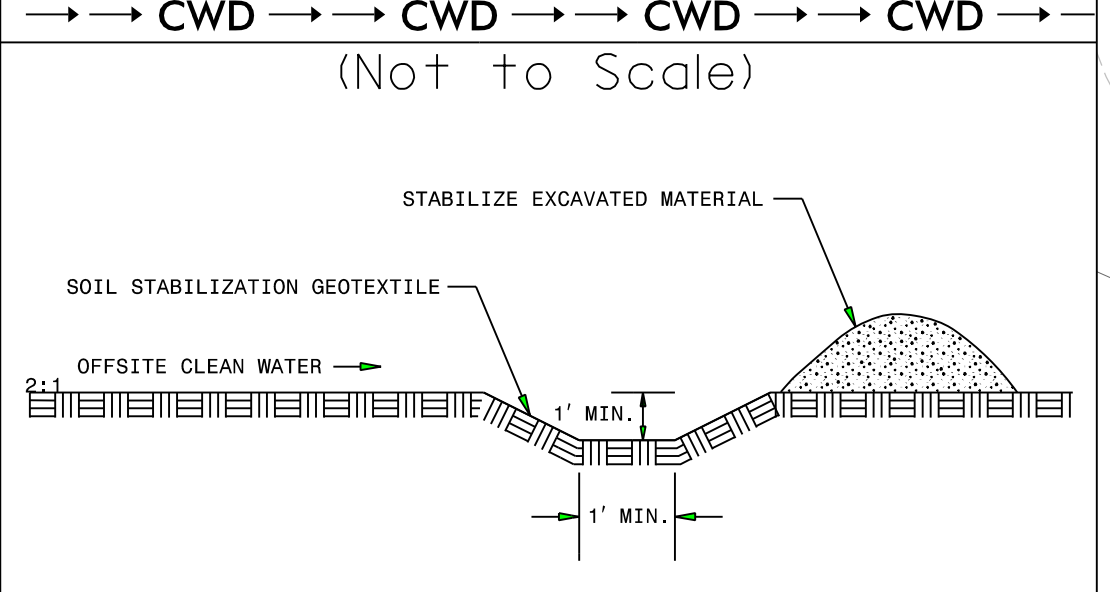
66 x 33 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
8 ft. weir
ID 13.8

45 x 22 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
4 ft. weir
ID 13.3

125 x 56 x 3
2.5 inch Skimmer
with 2.25 inch
Orifice Diameter
24 ft. weir
ID 13.6

SEE EXAMPLE PUMP AROUND OPERATION ON
SHEET EC-2E FOR REMOVAL OF EXISTING 6'X6' RCBC.

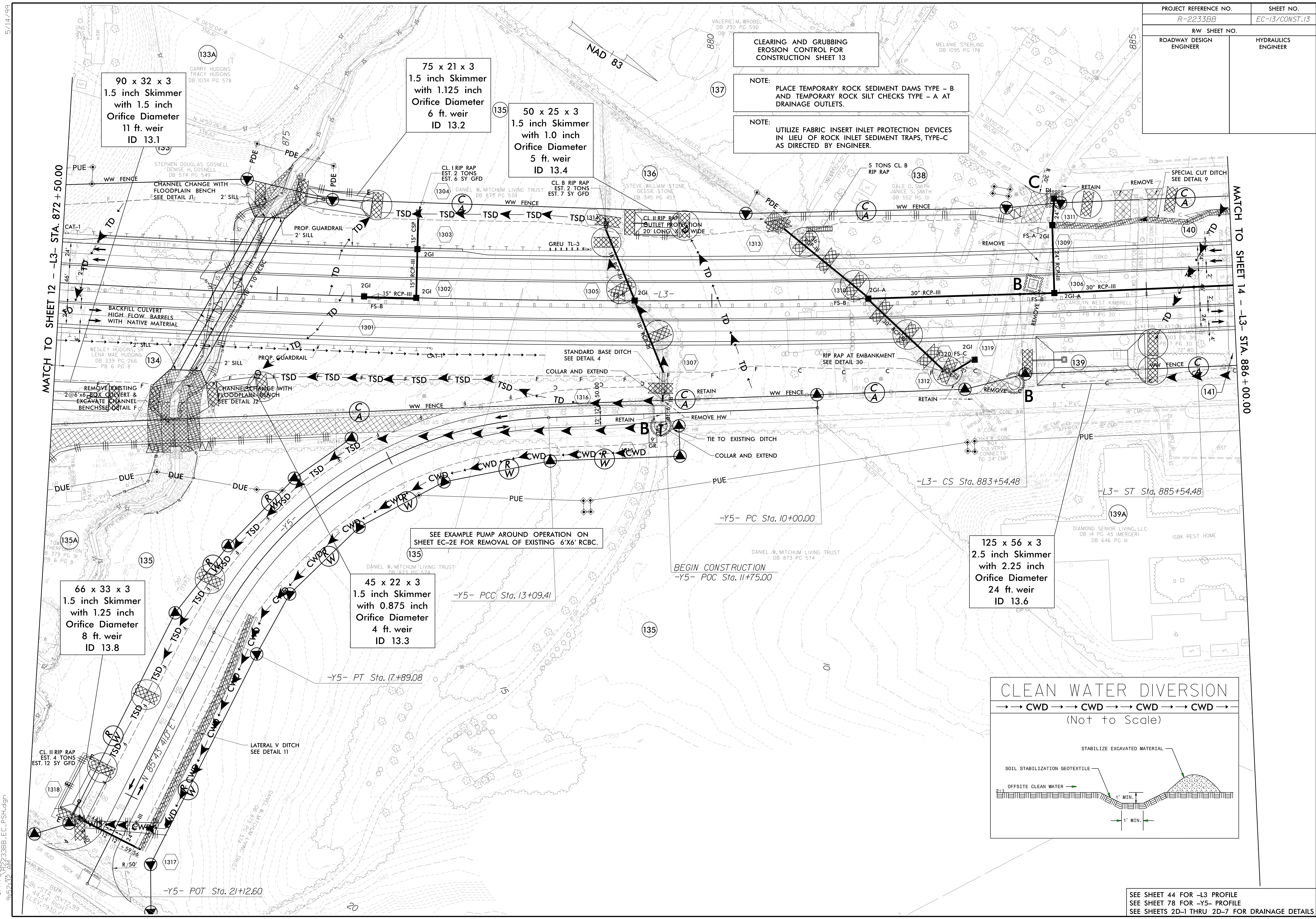
CLEAN WATER DIVERSION



SEE SHEET 44 FOR -L3 PROFILE
SEE SHEET 78 FOR -Y5- PROFILE
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

ROW REV. - October 22, 2018 - Parcel 137 - Changed name to Mark Miles Suffling and Megan Renay Suffling and DB 1140 PG 456 (WET)
ROW REV. - October 22, 2018 - Parcel 140 - Changed name to Kevin Clayton Everhart and wife, Ashley Marie Everhart (WET)

3/17/2020
9:52:32 AM
R-2233BB-EC_PSH.dgn



MATCH TO SHEET 12 - L3- STA. 872+50.00

MATCH TO SHEET 14 - L3- STA. 886+00.00

NAD 83

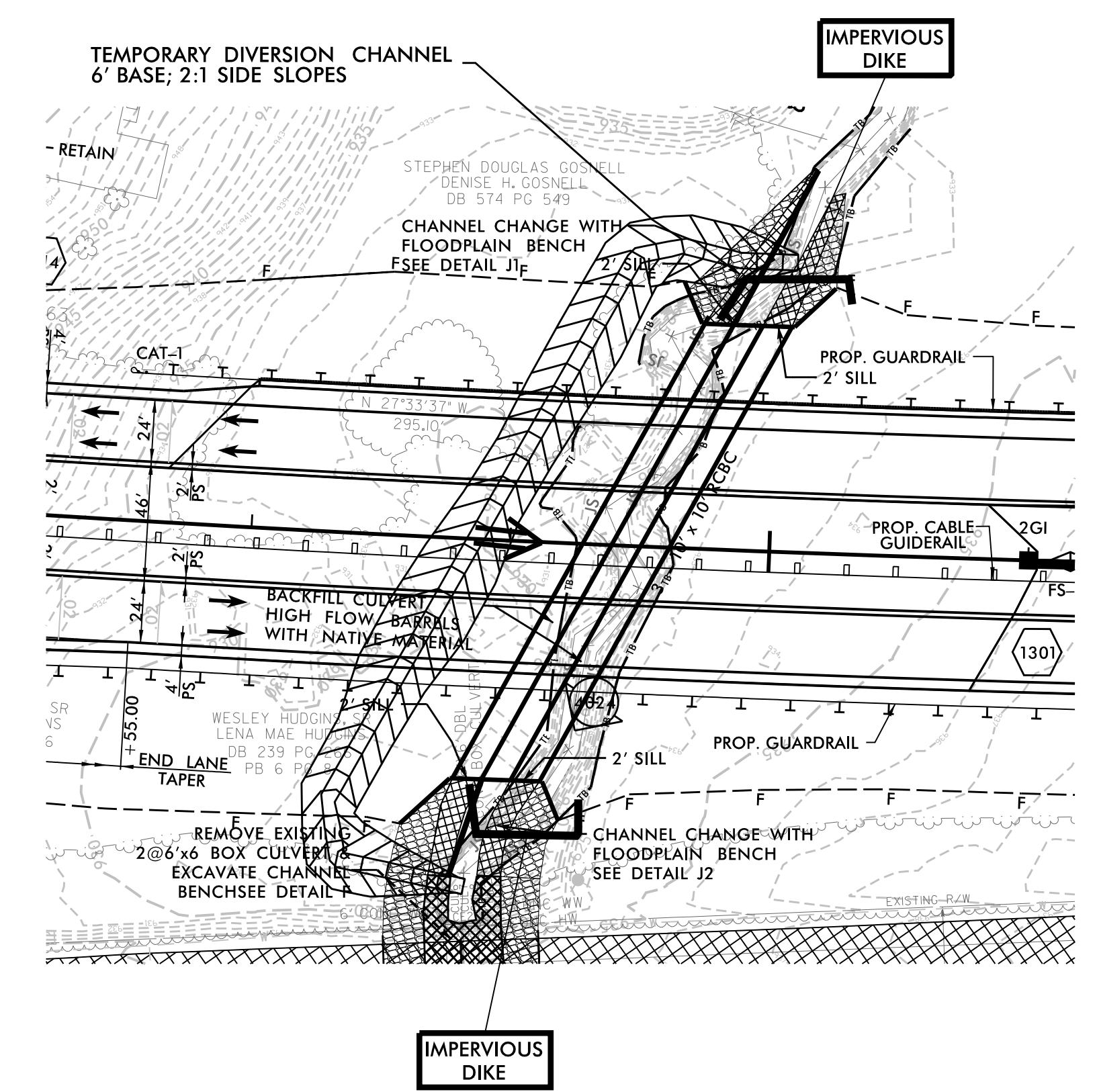
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-704, -705, -706, -707, -708, -709, -710, -711, -712, -713, -714, -715, -716, -717, -718, -719, -720, -721, -722, -723, -724, -725, -726, -727, -728, -729, -730, -731, -732, -733, -734, -735, -736, -737, -738, -739, -740, -741, -742, -743, -744, -745, -746, -747, -748, -749, -750, -751, -752, -753, -754, -755, -756, -757, -758, -759, -760, -761, -762, -763, -764, -765, -766, -767, -768, -769, -770, -771, -772, -773, -774, -775, -776, -777, -778, -779, -780, -781, -782, -783, -784, -785, -786, -787, -788, -789

PROJECT REFERENCE NO. R-2233BB	SHEET NO. EC-13A/CONST.13
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

3 @ 10'X10' RCBC CONSTRUCTION SEQUENCE STA. 875+00 -L3-

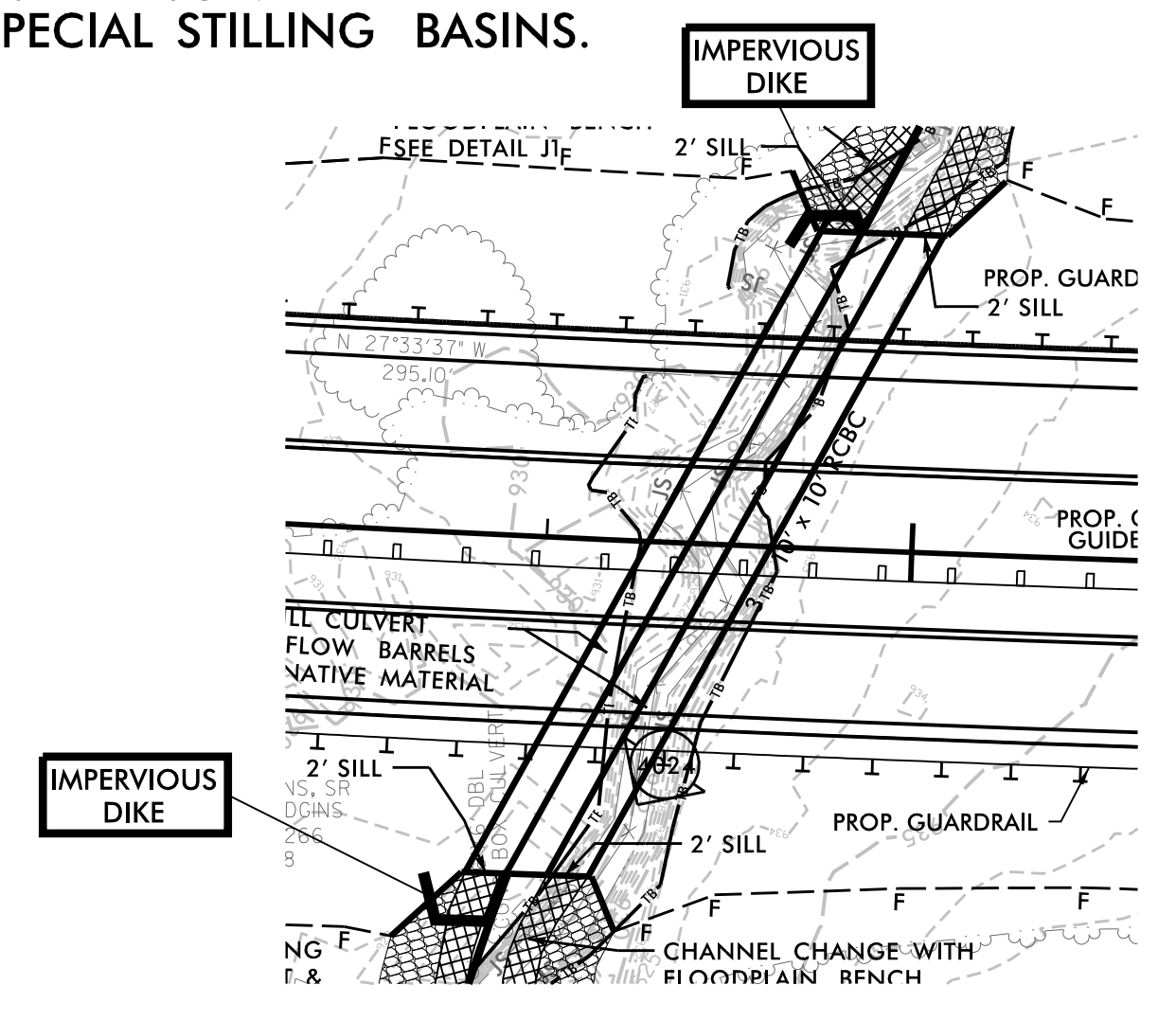
PHASE I

1. INSTALL SPECIAL STILLING BASIN(S) AS NECESSARY.
2. CONSTRUCT 6' BASE TEMPORARY CHANNEL CHANGE WITH LINER.
3. INSTALL IMPERVIOUS DIKES AND DIRECT WATER FLOW AROUND THE WORK AREA DOWN THE CENTER OF THE TEMPORARY CHANNEL CHANGE ON THE SOUTH SIDE OF THE FUTURE CULVERT.
4. CONSTRUCT MIDDLE AND NORTH BOXES OF CULVERT.
5. USE PUMPING OPERATION AND TEMPORARY CHANNEL CHANGE TO COMPLETE PORTION OF UPSTREAM AND DOWNSTREAM CHANNEL IMPROVEMENTS.
6. REMOVE IMPERVIOUS DIKES TO ESTABLISH FLOW THROUGH MIDDLE AND NORTH BOXES OF NEWLY CONSTRUCTED CULVERT.
7. REMOVE TEMPORARY CHANNEL CHANGE.

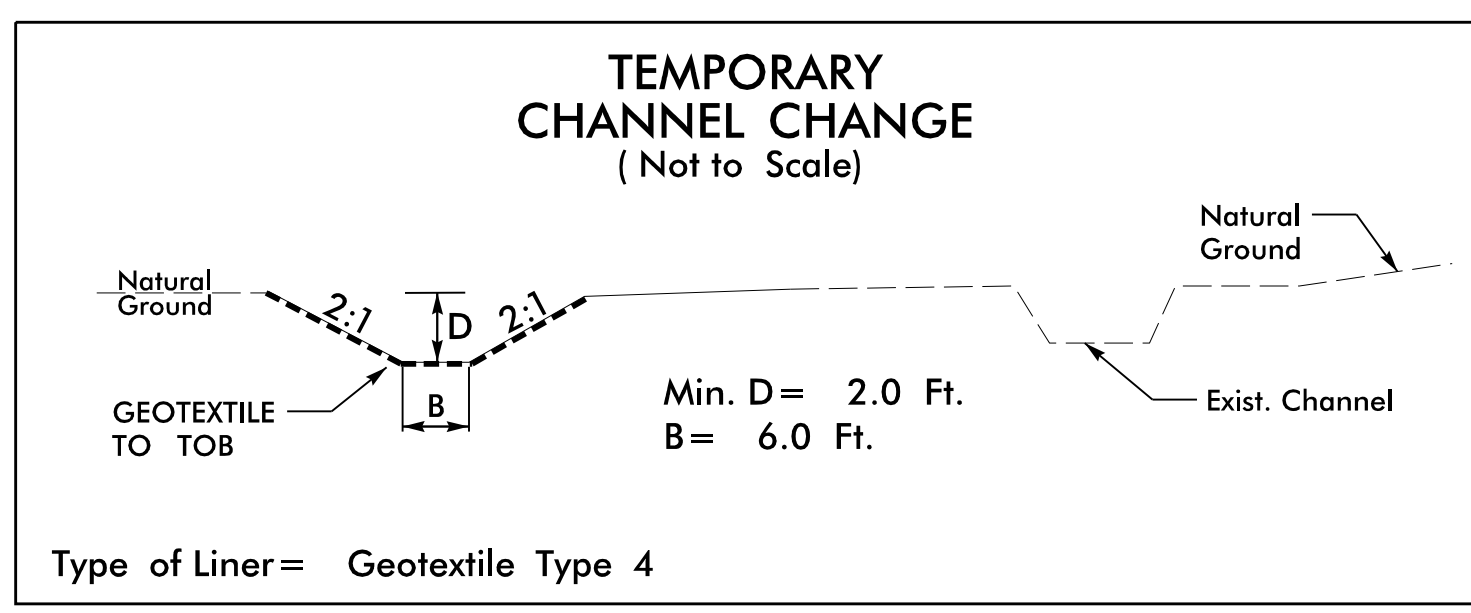
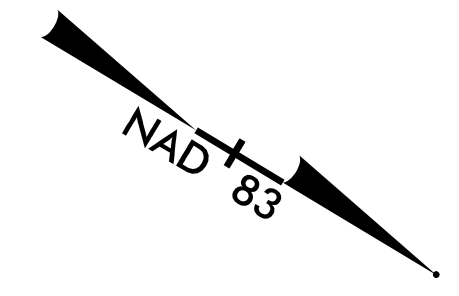


PHASE II

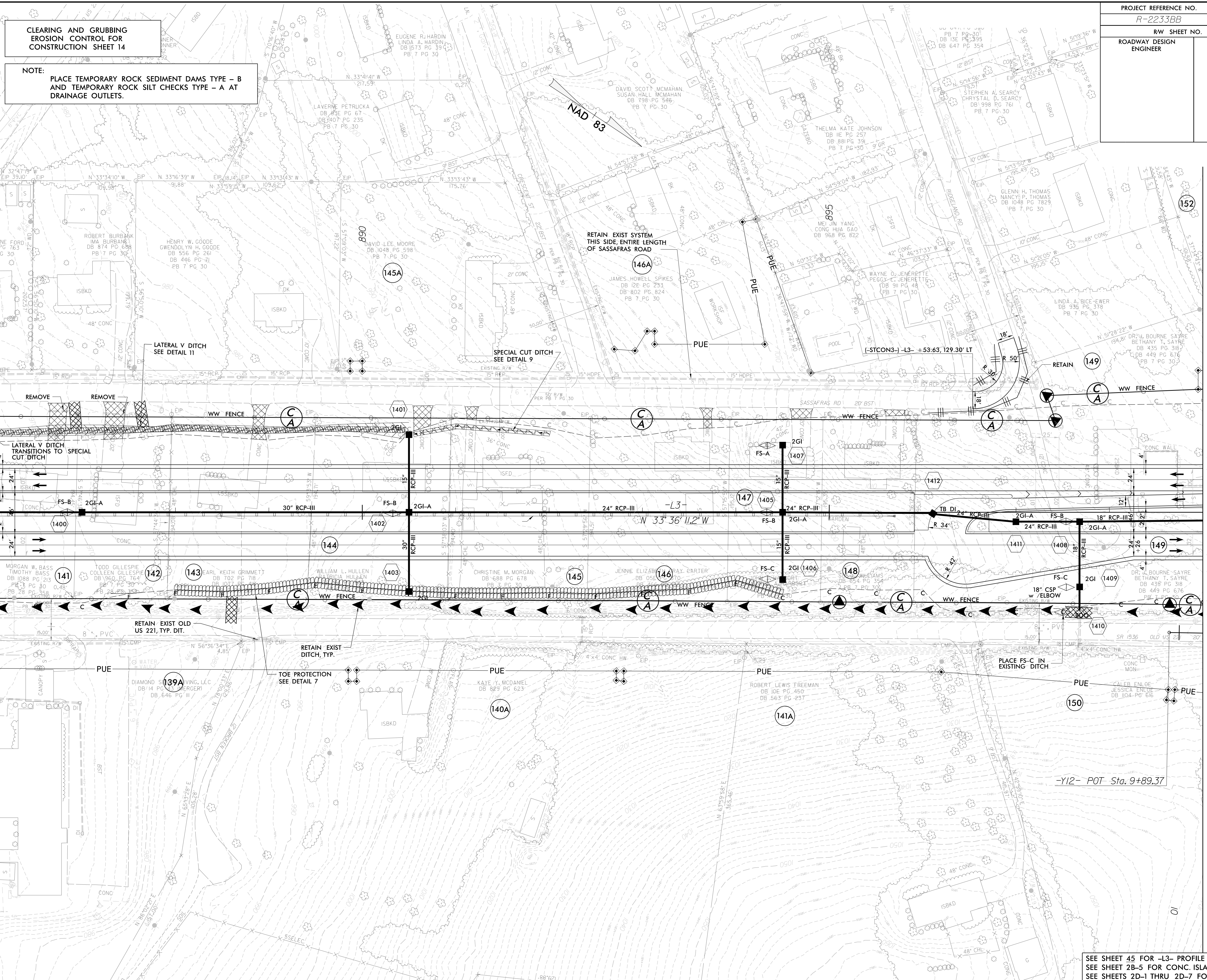
1. INSTALL SPECIAL STILLING BASIN(S) AS NECESSARY.
2. INSTALL IMPERVIOUS DIKES AND DIRECT WATER FLOW AROUND THE WORK AREA THROUGH THE MIDDLE AND NORTH BOXES OF NEWLY CONSTRUCTED CULVERT.
3. CONSTRUCT SOUTH BOX OF CULVERT.
4. USE PUMPING OPERATION TO COMPLETE REMAINING PORTION OF UPSTREAM AND DOWNSTREAM CHANNEL IMPROVEMENTS.
5. REMOVE IMPERVIOUS DIKES TO ESTABLISH FLOW THROUGH NEWLY CONSTRUCTED CULVERT.
6. REMOVE SPECIAL STILLING BASINS.



NOT TO SCALE



PROJECT REFERENCE NO.		SHEET NO.	
R-2233BB		EC-14/CONST.14	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



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.

MATCH TO SHEET 13 -- L3-- STA. 886 + 00.00

MATCH TO SHEET 15 -- L3-- STA. 899 + 00.00

SEE SHEET 45 FOR -L3- PROFILE
SEE SHEET 2B-5 FOR CONC. ISLAND DETAILS
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

5/14/99

3/16/2000
5/4/3/52
R-2233BB-EC_PSH.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-15/CONST.15
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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.

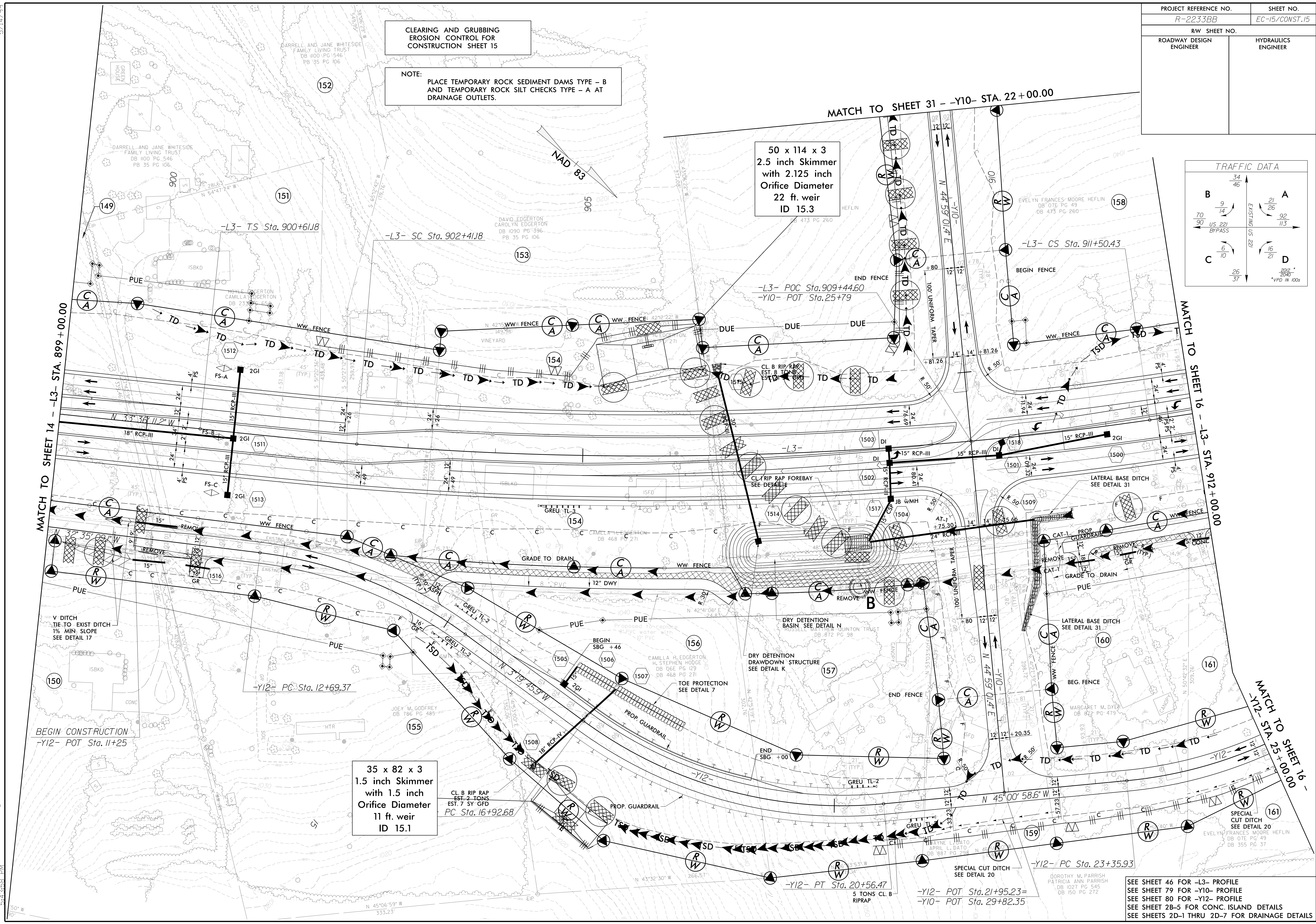
50 x 114 x 3
2.5 inch Skimmer
with 2.125 inch
Orifice Diameter
22 ft. weir
ID 15.3

35 x 82 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
11 ft. weir
ID 15.1

TRAFFIC DATA

B	34/46	A
9/14	EXISTING US 221	21/26
70/90	US 221 BYPASS	92/113
C	6/10	D
	26/37	16/21

2012
2040
*VPD IN 100s



SEE SHEET 46 FOR -L3- PROFILE
SEE SHEET 79 FOR -Y10- PROFILE
SEE SHEET 80 FOR -Y12- PROFILE
SEE SHEETS 2B-5 FOR CONC. ISLAND DETAILS
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

5/14/99
3/16/2020
R-2233BB-EC_PSH.dgn
5/13/20

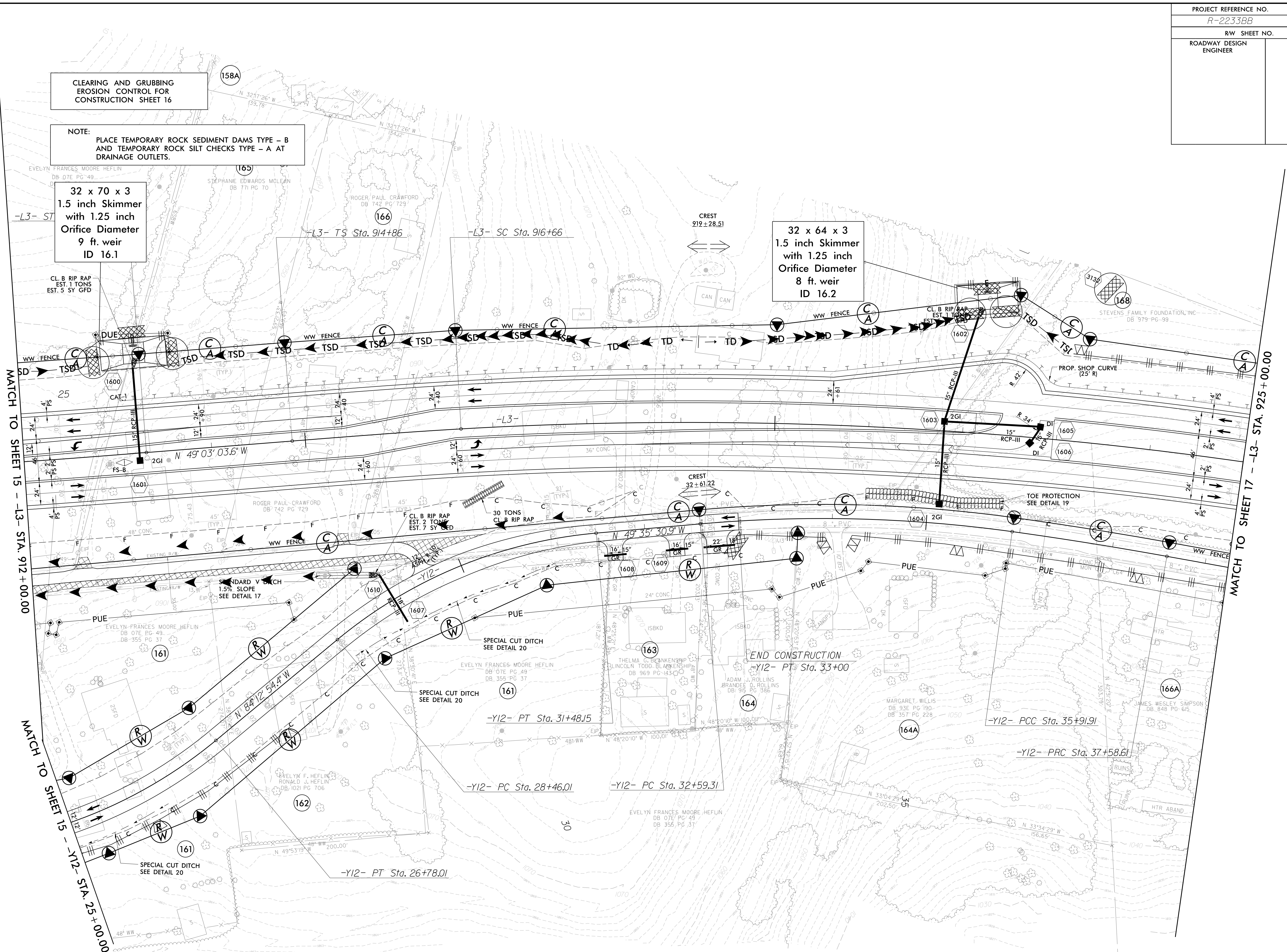
PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-16/CONST.16
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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.

32 x 70 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
9 ft. weir
ID 16.1

32 x 64 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
8 ft. weir
ID 16.2



MATCH TO SHEET 15 - L3- STA. 912+00.00

MATCH TO SHEET 17 - L3- STA. 925+00.00

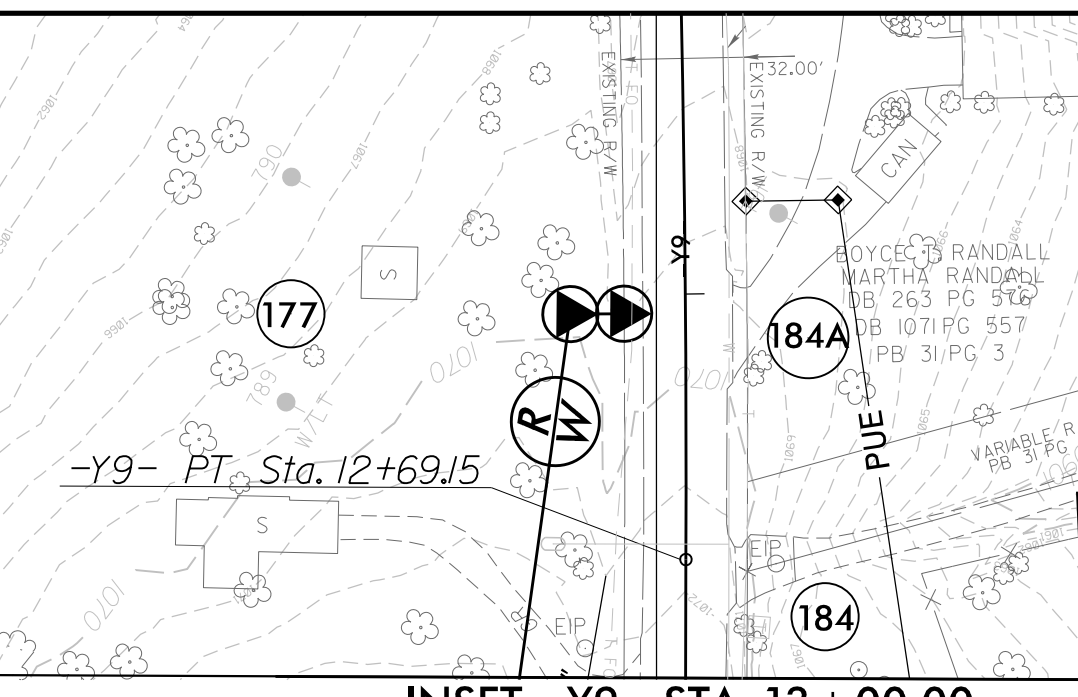
MATCH TO SHEET 15 - Y12- STA. 25+00.00

SEE SHEET 47 FOR -L3- PROFILE
SEE SHEET 80 FOR -Y12- PROFILE
SEE SHEET 2B-5 FOR CONC. ISLAND DETAILS
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

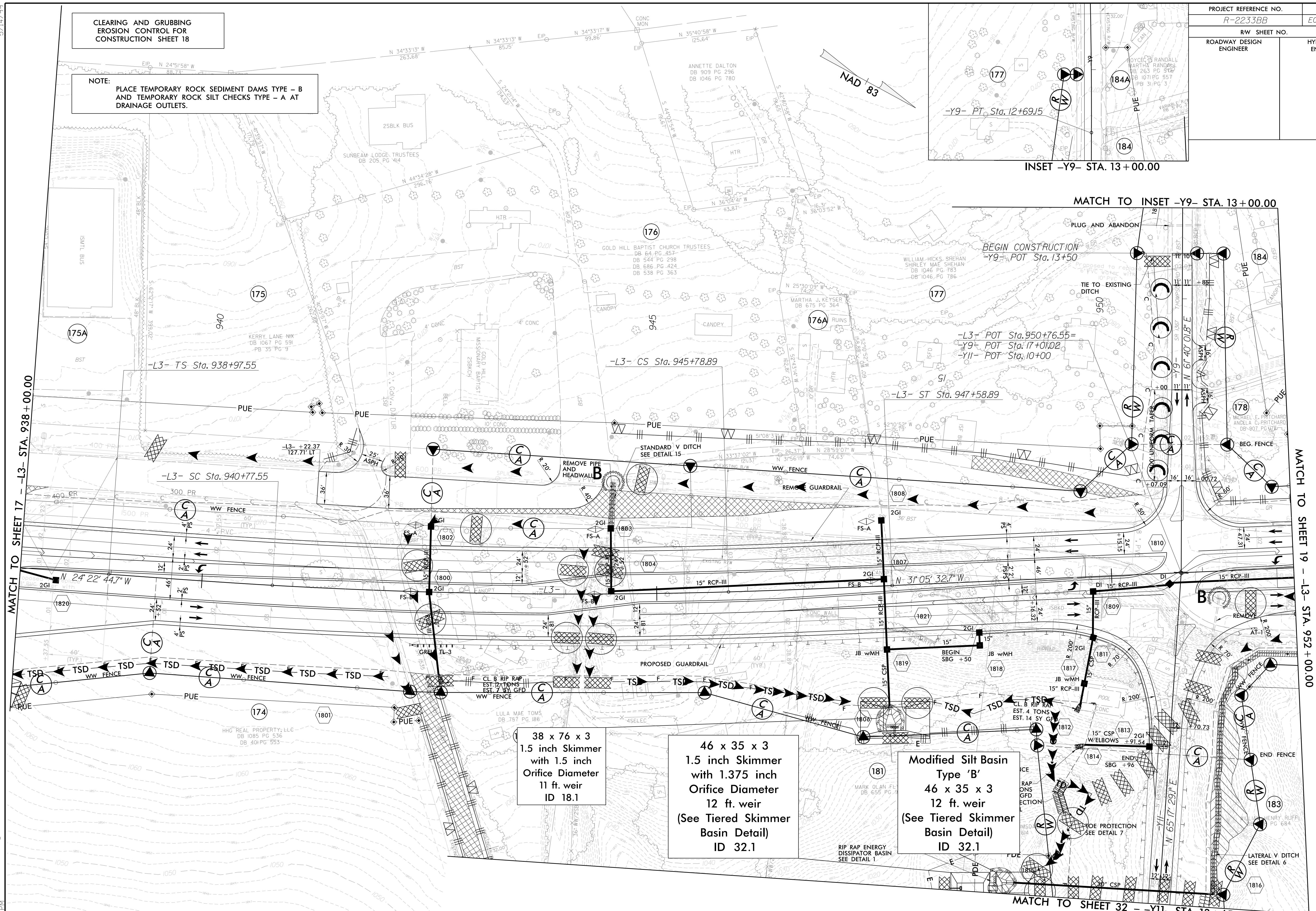
5/14/99
3/16/2000
R-2233BB-EC_PSH.dgn
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CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 18

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



INSET -Y9- STA. 13+00.00



MATCH TO SHEET 17 - L3- STA. 938+00.00

MATCH TO INSET -Y9- STA. 13+00.00

MATCH TO SHEET 19 - L3- STA. 952+00.00

MATCH TO SHEET 32 - -Y11- STA. 13+65.00

38 x 76 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
11 ft. weir
ID 18.1

46 x 35 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
12 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 32.1

Modified Silt Basin
Type 'B'
46 x 35 x 3
12 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 32.1

SEE SHEET 49 FOR -L3- PROFILE
SEE SHEET 81 FOR -Y11- PROFILE
SEE SHEET 83 FOR -Y9- PROFILE
SEE SHEET 2B-6 FOR CONC. ISLAND DETAILS
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

3/16/2020 10:44:13 AM R-2233BB-EC_PSH.dgn

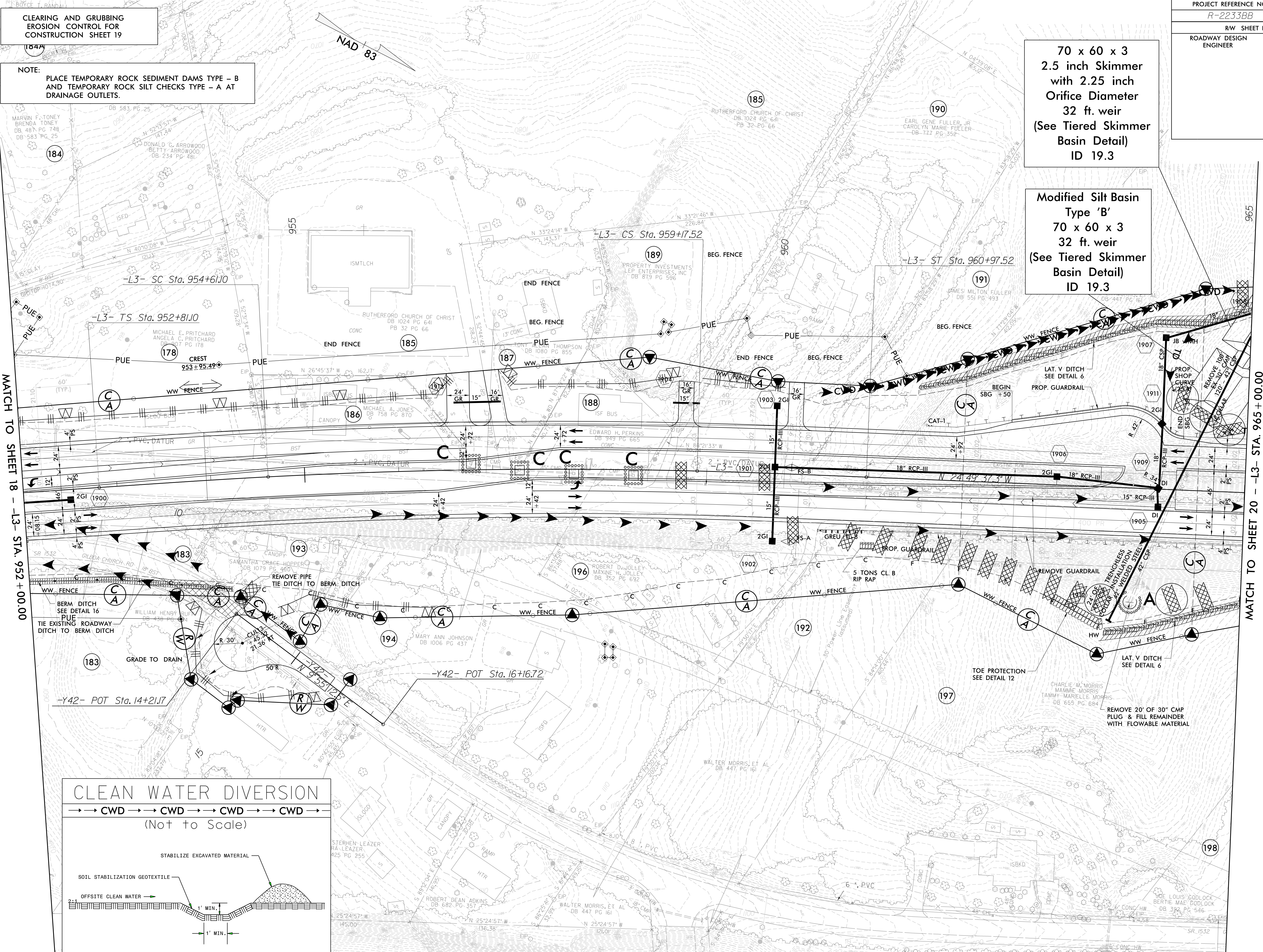
PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-19/CONST.19
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 19

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

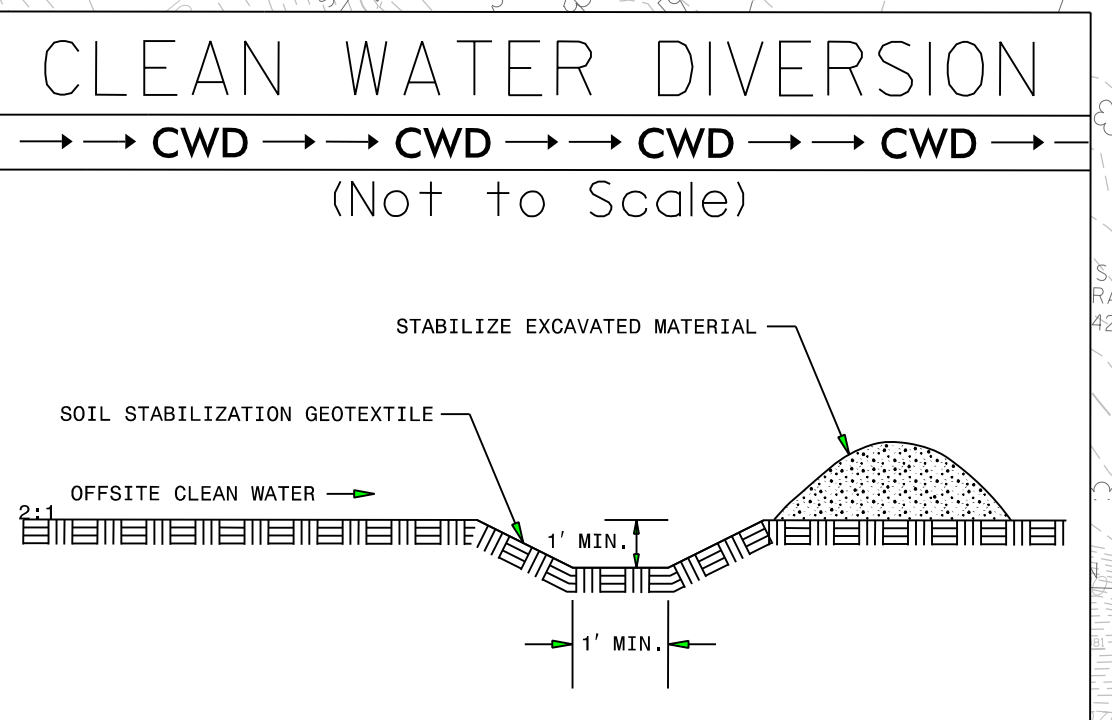
70 x 60 x 3
2.5 inch Skimmer
with 2.25 inch
Orifice Diameter
32 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 19.3

Modified Silt Basin
Type 'B'
70 x 60 x 3
32 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 19.3



MATCH TO SHEET 18 - L3- STA. 952+00.00

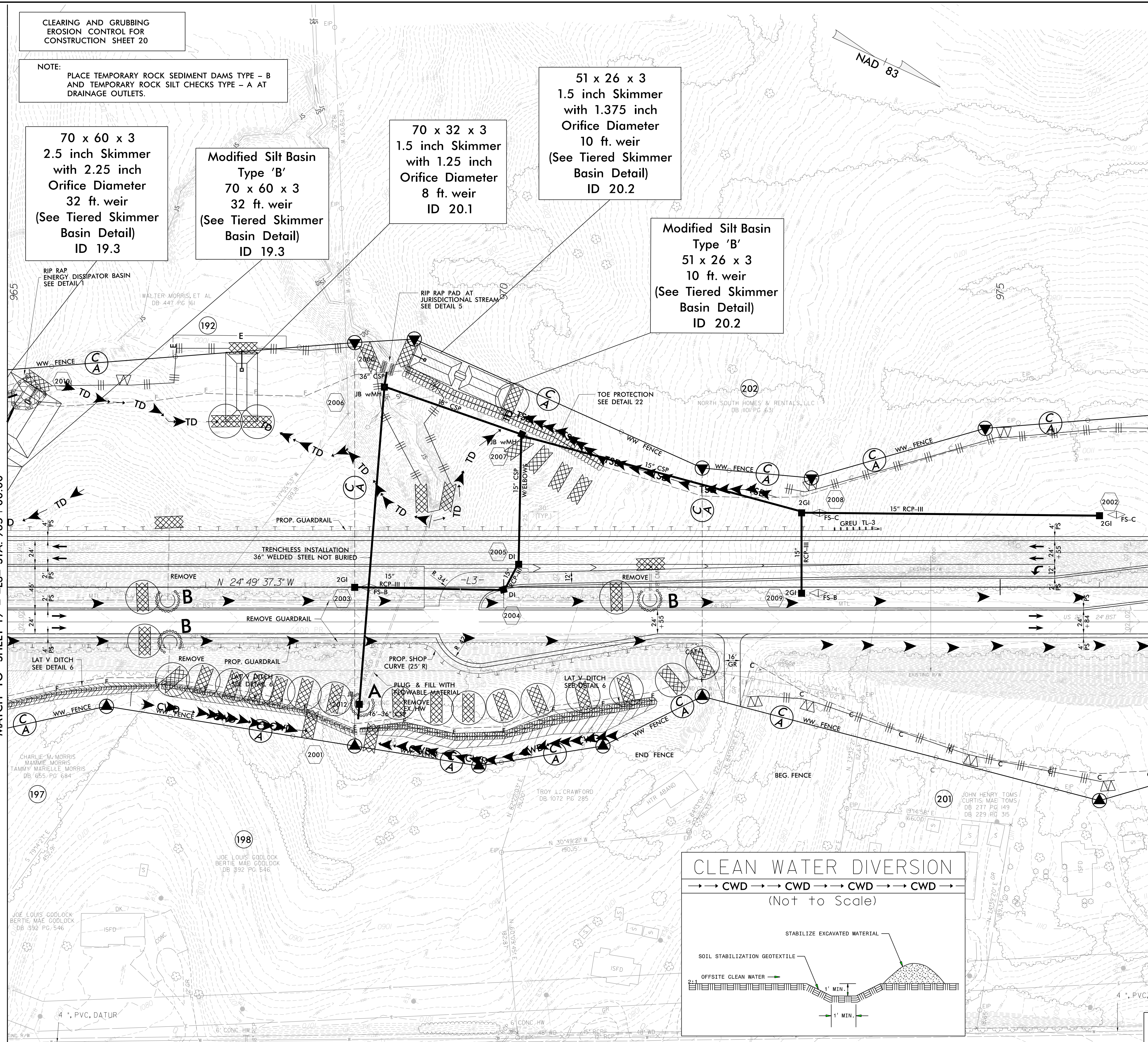
MATCH TO SHEET 20 - L3- STA. 965+00.00



SEE SHEET 50 FOR -L3- PROFILE
SEE SHEET 2B-6 FOR CONC. ISLAND DETAILS
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

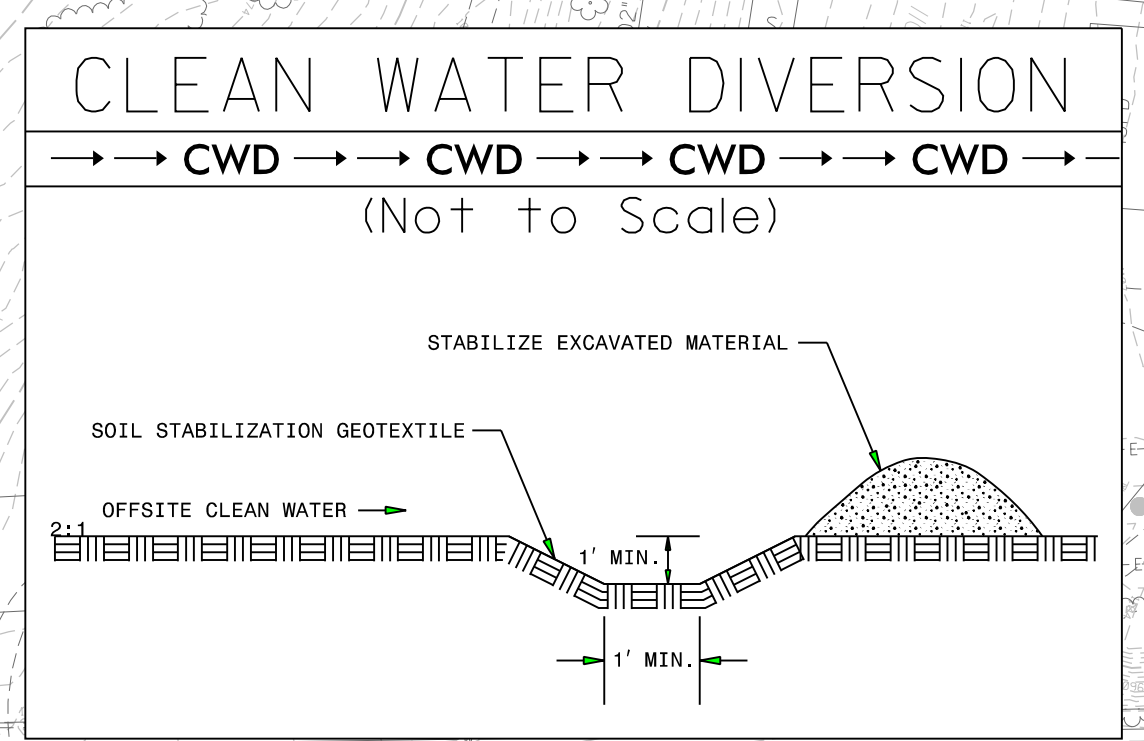
3/16/2020 5:44:21 PM R-2233BB-EC_PSH.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-20/CONST.20
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH TO SHEET 19 - L3- STA. 965+00.00

MATCH TO SHEET 21 - L3- STA. 976+50.00

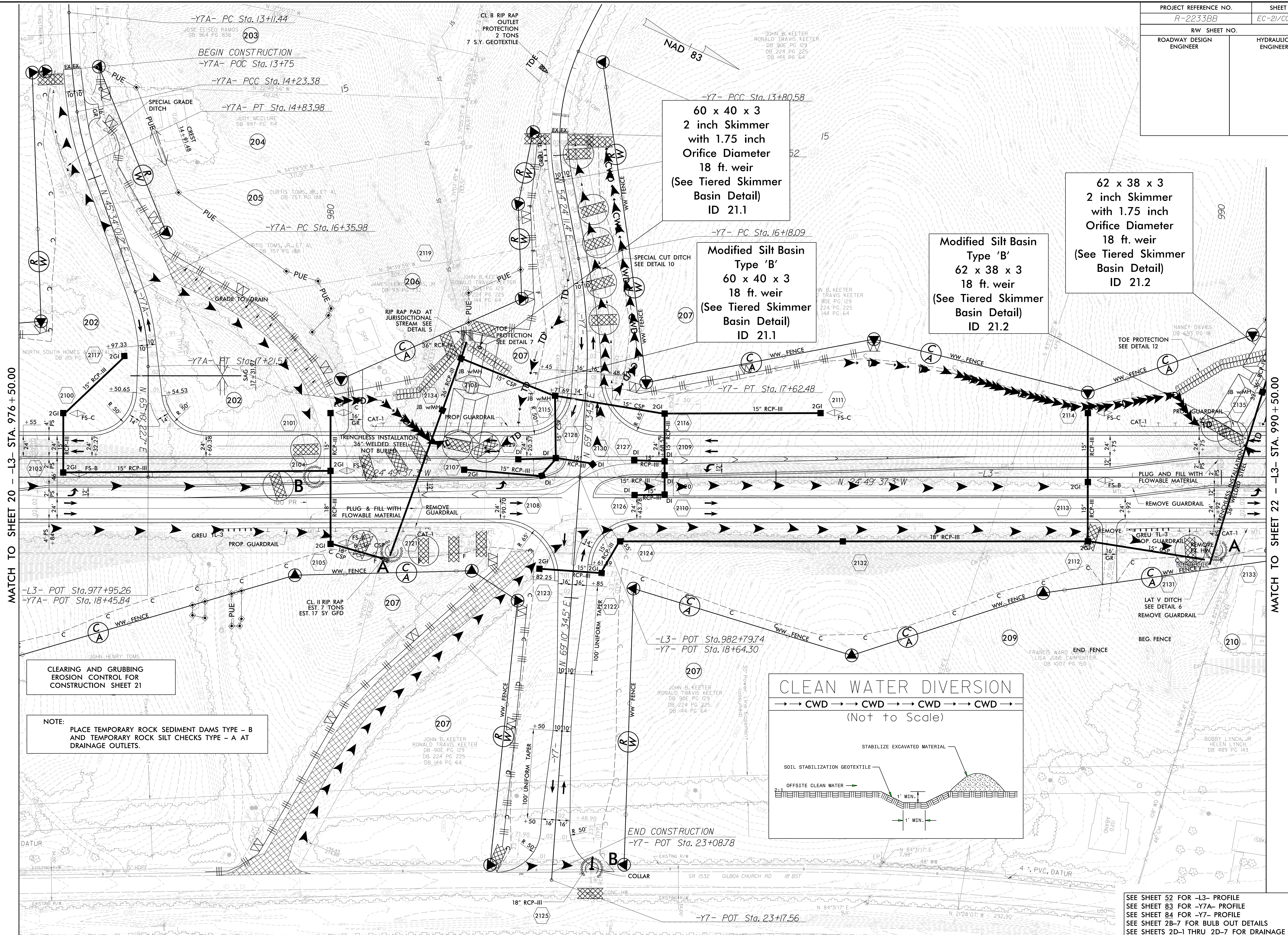


SEE SHEET 51 FOR -L3- PROFILE
SEE SHEET 2B-7 FOR CONC. ISLAND DETAILS
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

5/14/99

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R-2233BB-EC_PSH.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-21/CONST.21
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



60 x 40 x 3
2 inch Skimmer
with 1.75 inch
Orifice Diameter
18 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 21.1

Modified Silt Basin
Type 'B'
60 x 40 x 3
18 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 21.1

Modified Silt Basin
Type 'B'
62 x 38 x 3
18 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 21.2

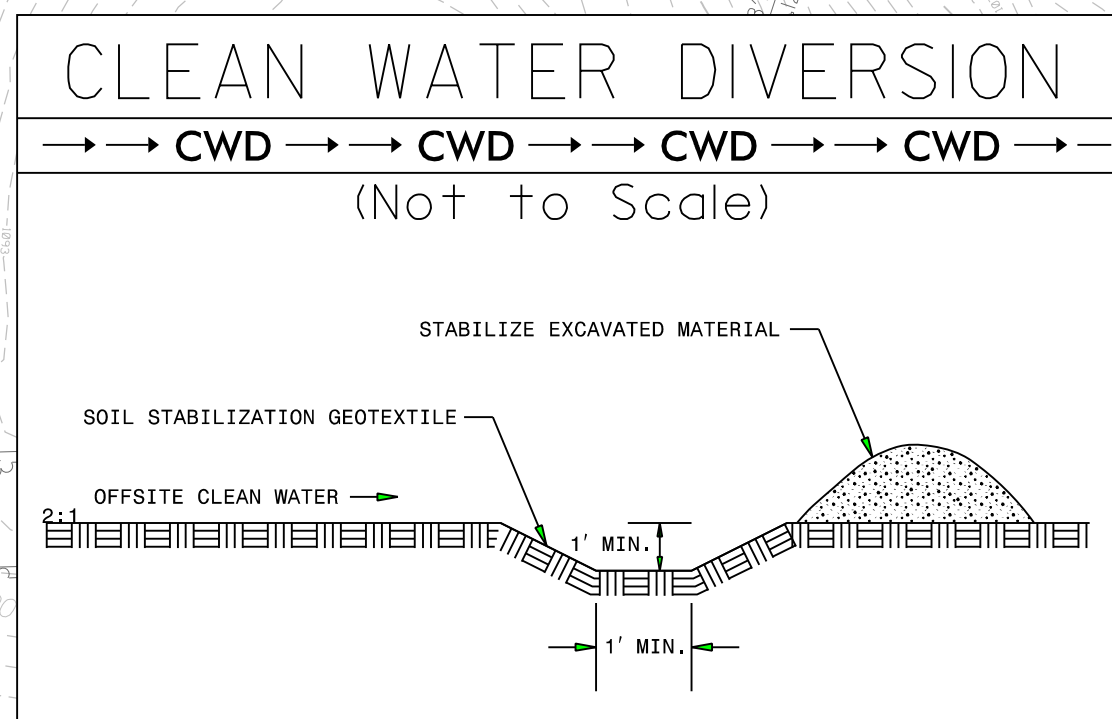
62 x 38 x 3
2 inch Skimmer
with 1.75 inch
Orifice Diameter
18 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 21.2

MATCH TO SHEET 20 - L3- STA. 976+50.00

MATCH TO SHEET 22 - L3- STA. 990+50.00

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 21

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



ROW REV. - December 21, 2017 - Parcel 203- added PUE line (WET).
ROW REV. - December 21, 2017 - Parcel 228- Added PUE pins (WET).
ROW REV. - December 21, 2017 - Parcel 229 - Added PUE pins (WET).

SEE SHEET 52 FOR -L3- PROFILE
SEE SHEET 83 FOR -Y7A- PROFILE
SEE SHEET 84 FOR -Y7- PROFILE
SEE SHEET 2B-7 FOR BULB OUT DETAILS
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

3/16/2020
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3/16/2020
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3/16/2020
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PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-22/CONST.22
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 22

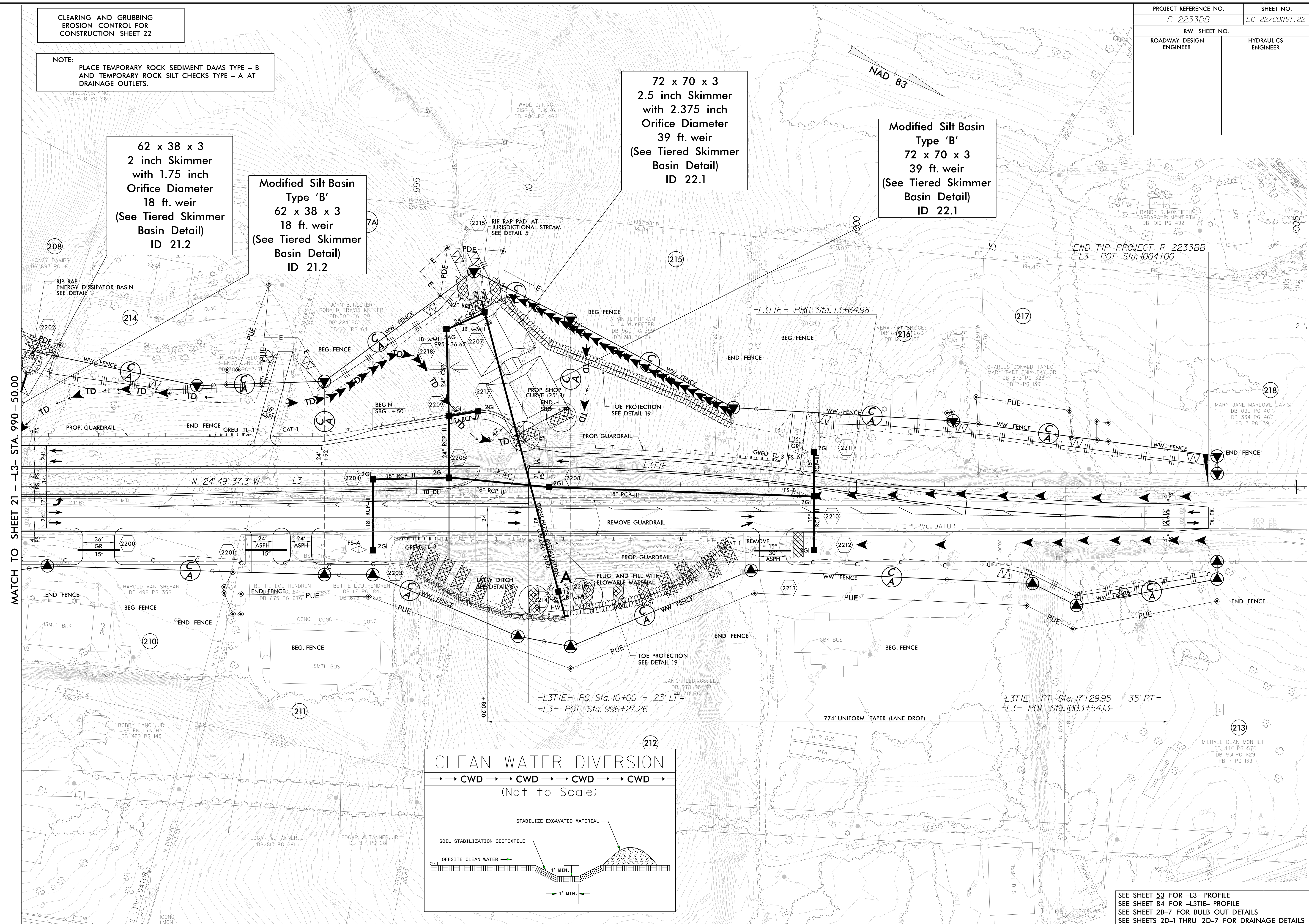
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

62 x 38 x 3
2 inch Skimmer
with 1.75 inch
Orifice Diameter
18 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 21.2

Modified Silt Basin
Type 'B'
62 x 38 x 3
18 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 21.2

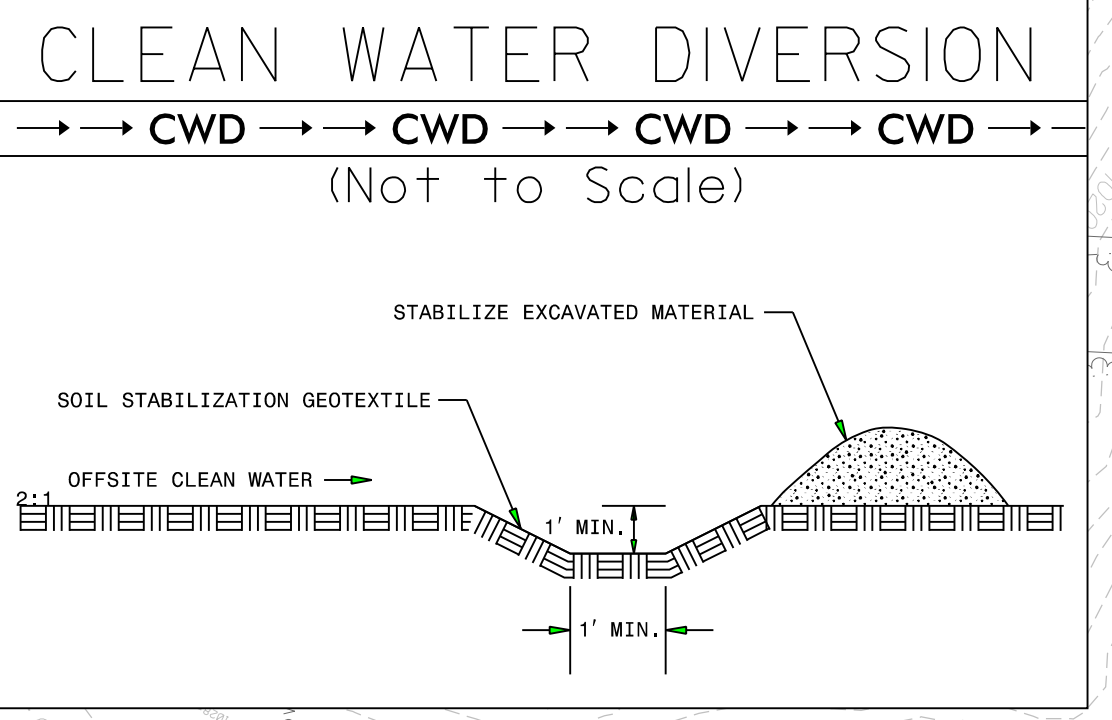
72 x 70 x 3
2.5 inch Skimmer
with 2.375 inch
Orifice Diameter
39 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 22.1

Modified Silt Basin
Type 'B'
72 x 70 x 3
39 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 22.1



MATCH TO SHEET 21 - L3- STA. 990 + 50.00

END TIP PROJECT R-2233BB
-L3- POT Sta. 1004+00



SEE SHEET 53 FOR -L3- PROFILE
SEE SHEET 84 FOR -L3TIE- PROFILE
SEE SHEET 2B-7 FOR BULB OUT DETAILS
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

ROW REV. - December 21, 2017 - Parcel 208 - Added PDE line (WET)

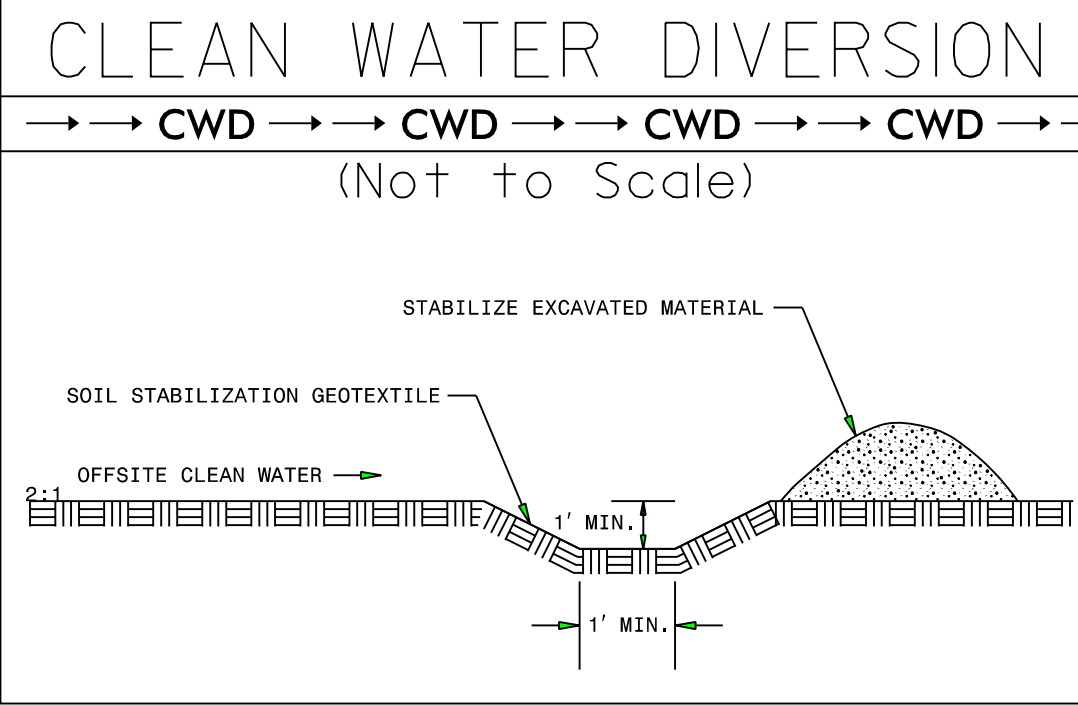
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5/14/99

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 23

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES
IN LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C
AS DIRECTED BY ENGINEER.

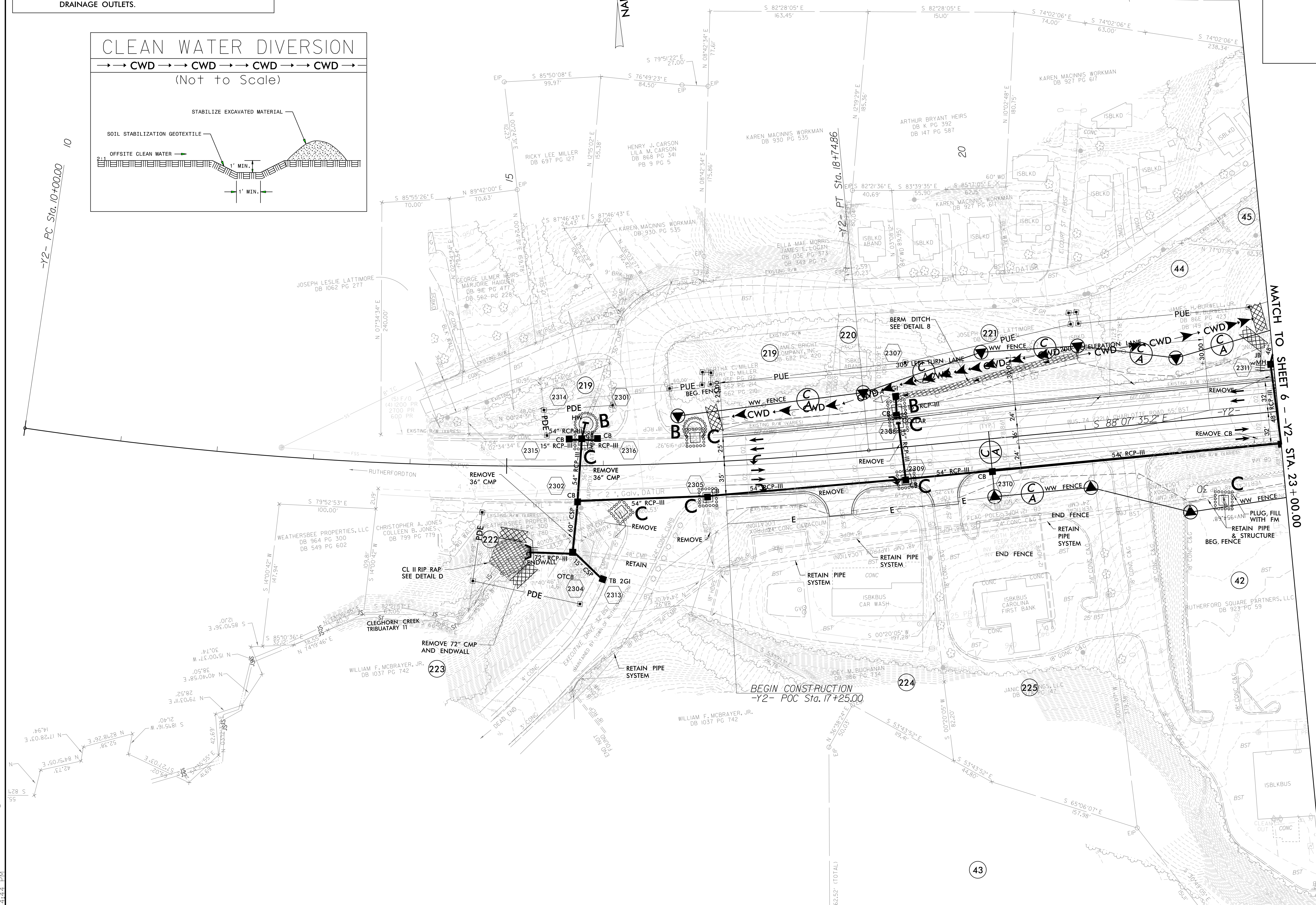
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.



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3/16/2020
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ROW REV. - December 21, 2017 - Parcel 219 - Added PDE line and pin (WET)
ROW REV. - December 21, 2017 - Parcel 222 - Added PDE line and pin (WET)

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-23/CONST. 23
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



SEE SHEET 54 FOR -Y2- PROFILE
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

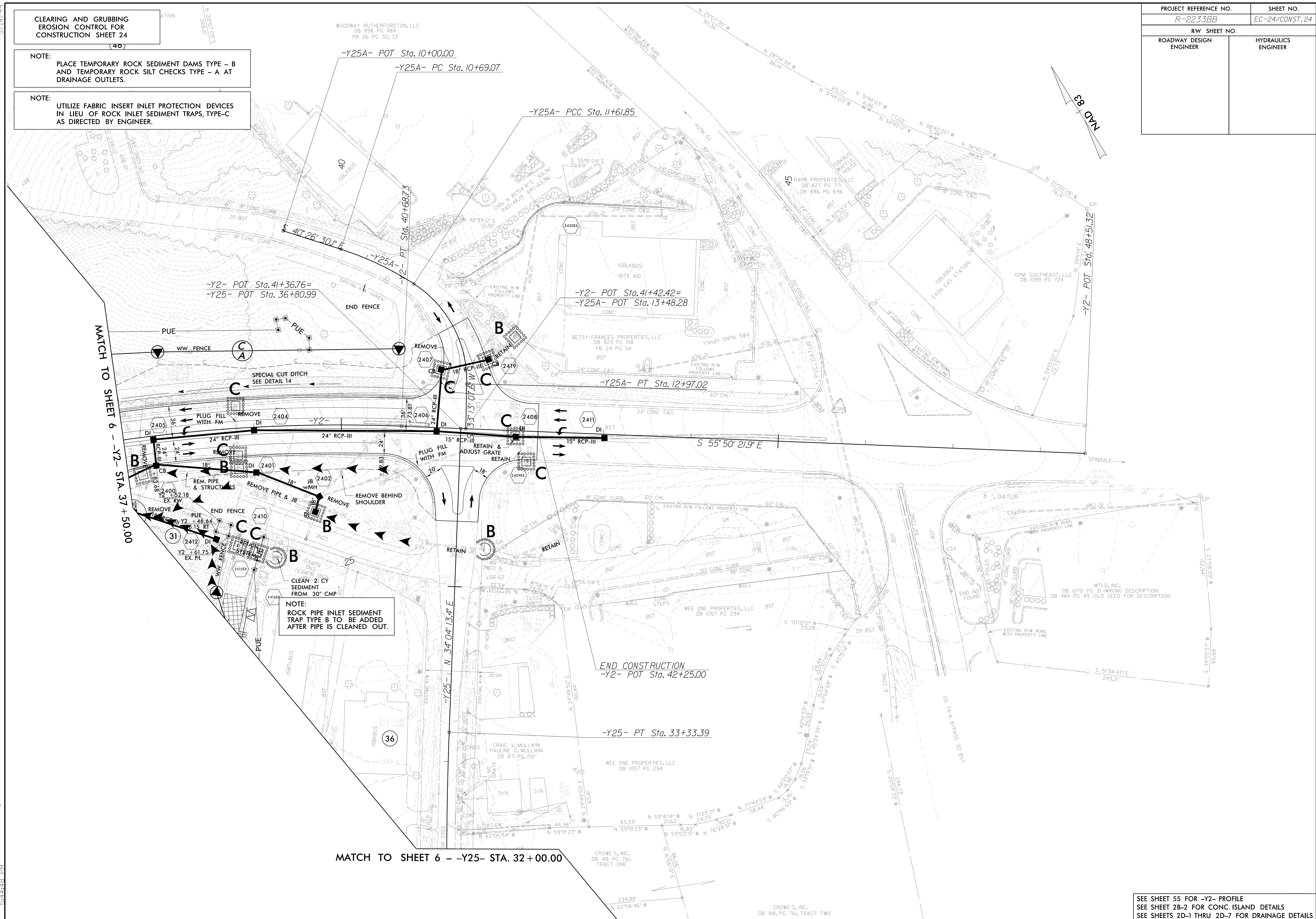
**CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 24**

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

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES
IN LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C
AS DIRECTED BY ENGINEER.

NOTE:
ROCK PIPE INLET SEDIMENT
TRAP TYPE B TO BE ADDED
AFTER PIPE IS CLEANED OUT.

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-24/CONST.24
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCH TO SHEET 6 - -Y2- STA. 37 + 50.00

MATCH TO SHEET 6 - -Y25- STA. 32 + 00.00

SEE SHEET 55 FOR -Y2- PROFILE
SEE SHEET 2B-2 FOR CONC. ISLAND DETAILS
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

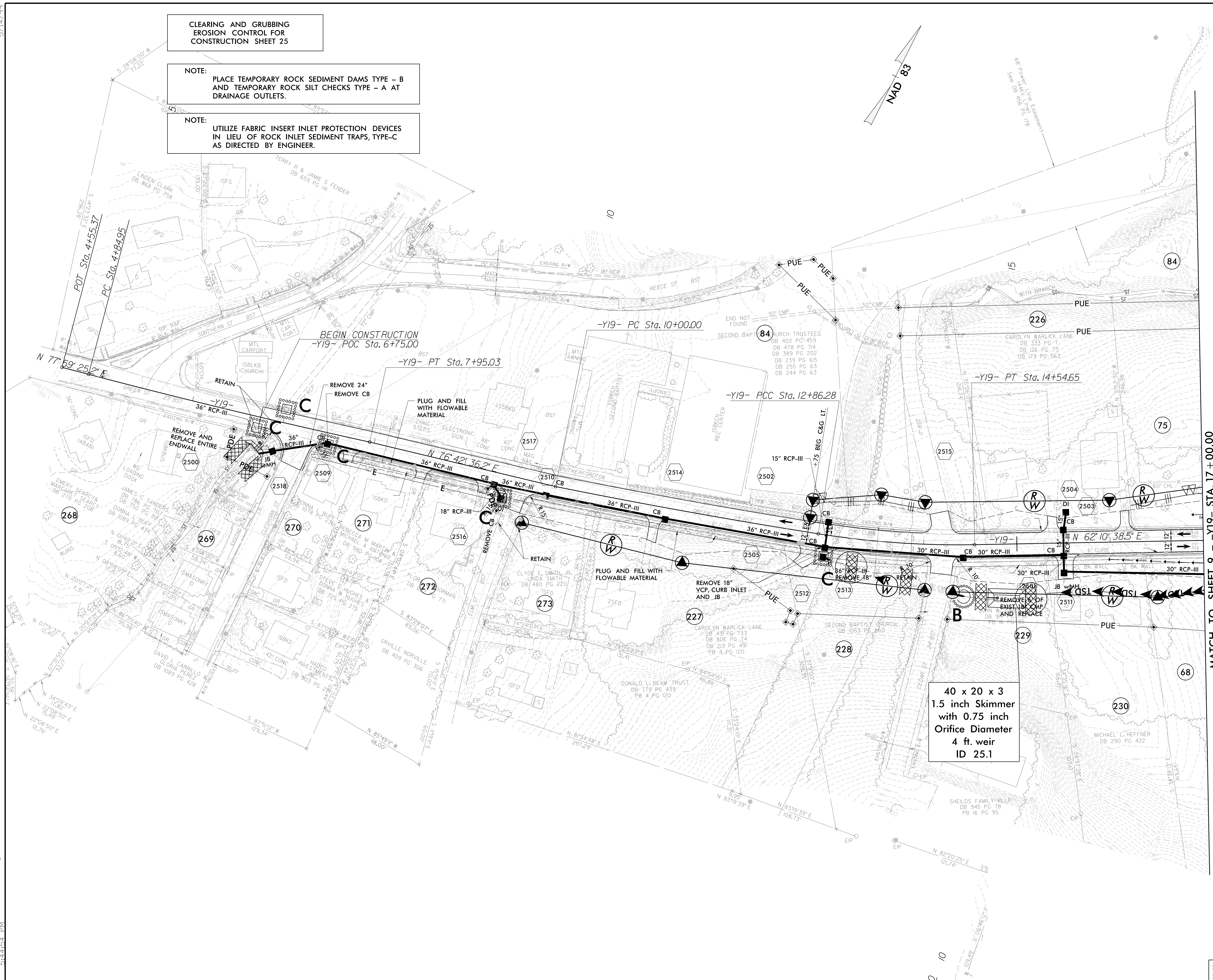
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3/16/2020
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PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-25/CONST.25
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 25

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

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES
IN LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C
AS DIRECTED BY ENGINEER.



ROW REV. - December 21, 2017 - Parcel 228 - Added PUE pins (WET)
ROW REV. - December 21, 2017 - Parcel 229 - Added PUE pins (WET)

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3/16/2020
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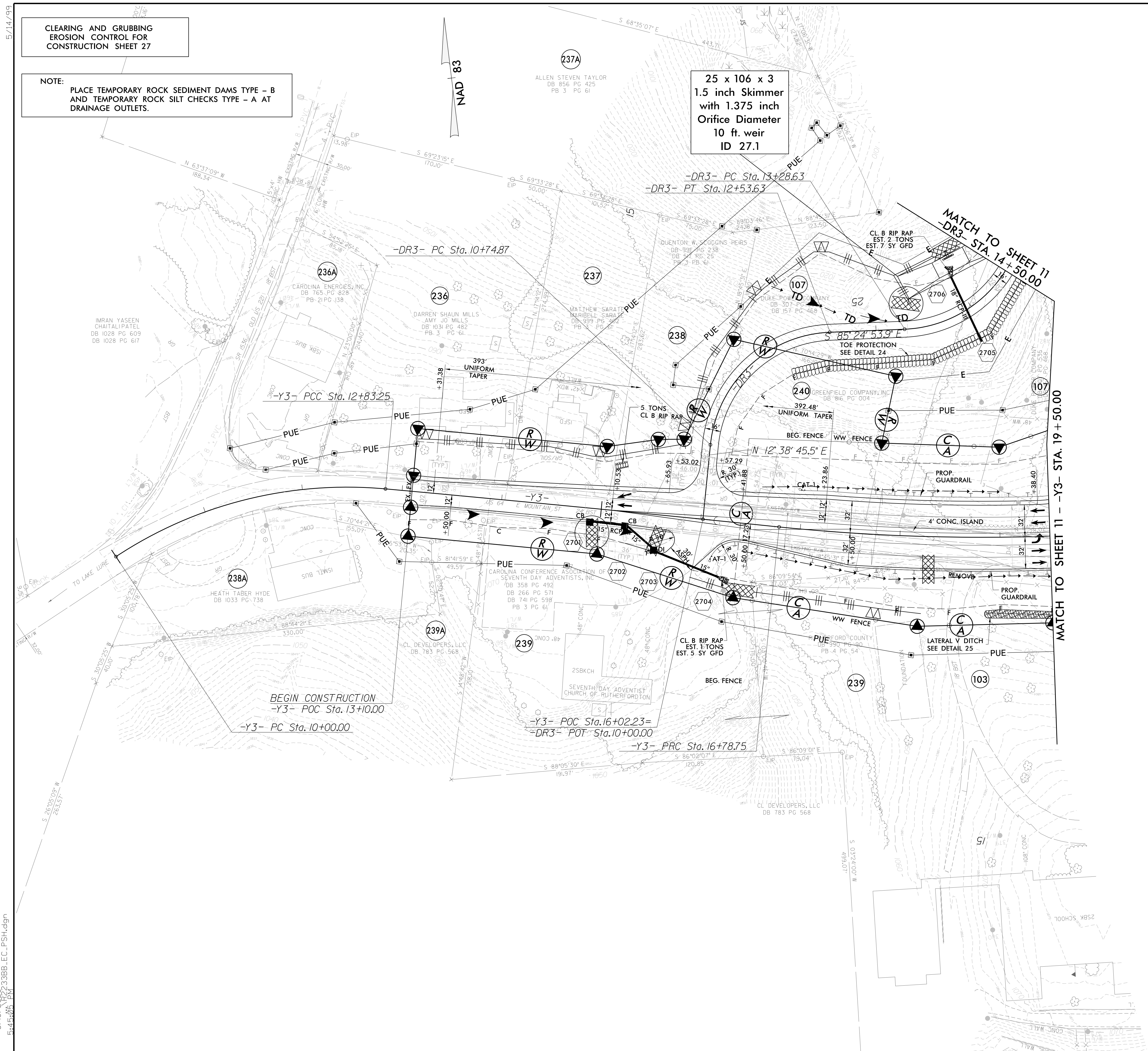
SEE SHEET 62 FOR -Y19- PROFILE
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-27/CONST.27
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 27

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

25 x 106 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
10 ft. weir
ID 27.1



SEE SHEET 64 FOR -Y3- PROFILE
SEE SHEET 74 FOR -DR3- PROFILE
SEE SHEET 2B-4 FOR CONC. ISLAND DETAILS
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

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PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-28/CONST.28
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 28

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

MATCH TO SHEET 11
-Y23- STA. 28+75.00

MATCH TO SHEET 11
-Y23- STA. 25+45.00

MATCH TO SHEET 11
-Y3- STA. 35+25.00

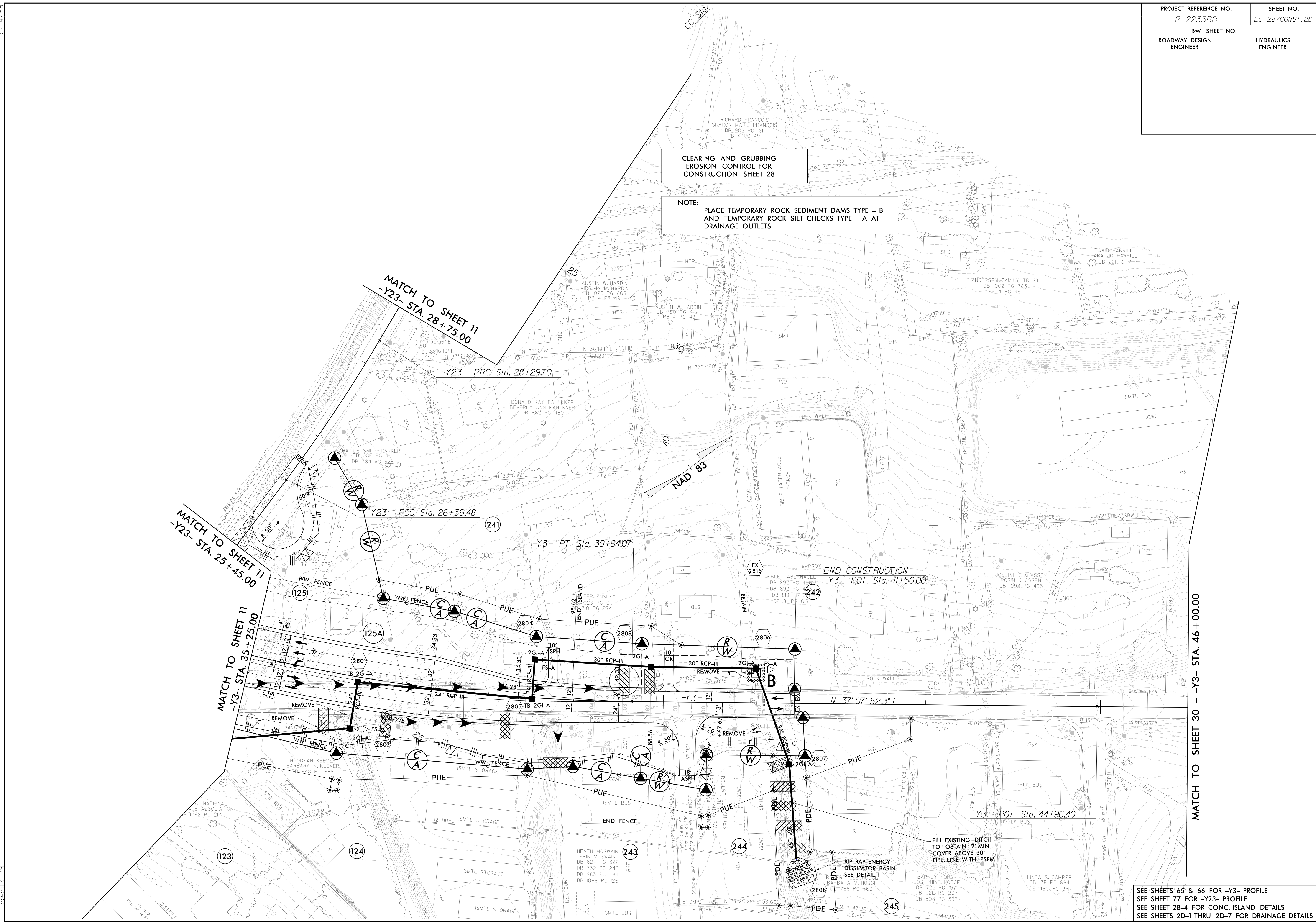
END CONSTRUCTION
-Y3- POT Sta. 41+50.00

MATCH TO SHEET 30 - -Y3- STA. 46+00.00

ROW REV. - December 21, 2017 - Parcel 245- Added PDE line and PUE line (MET)

3/16/2020
R-2233BB-EC_PSH.dgn
5:45:10 PM

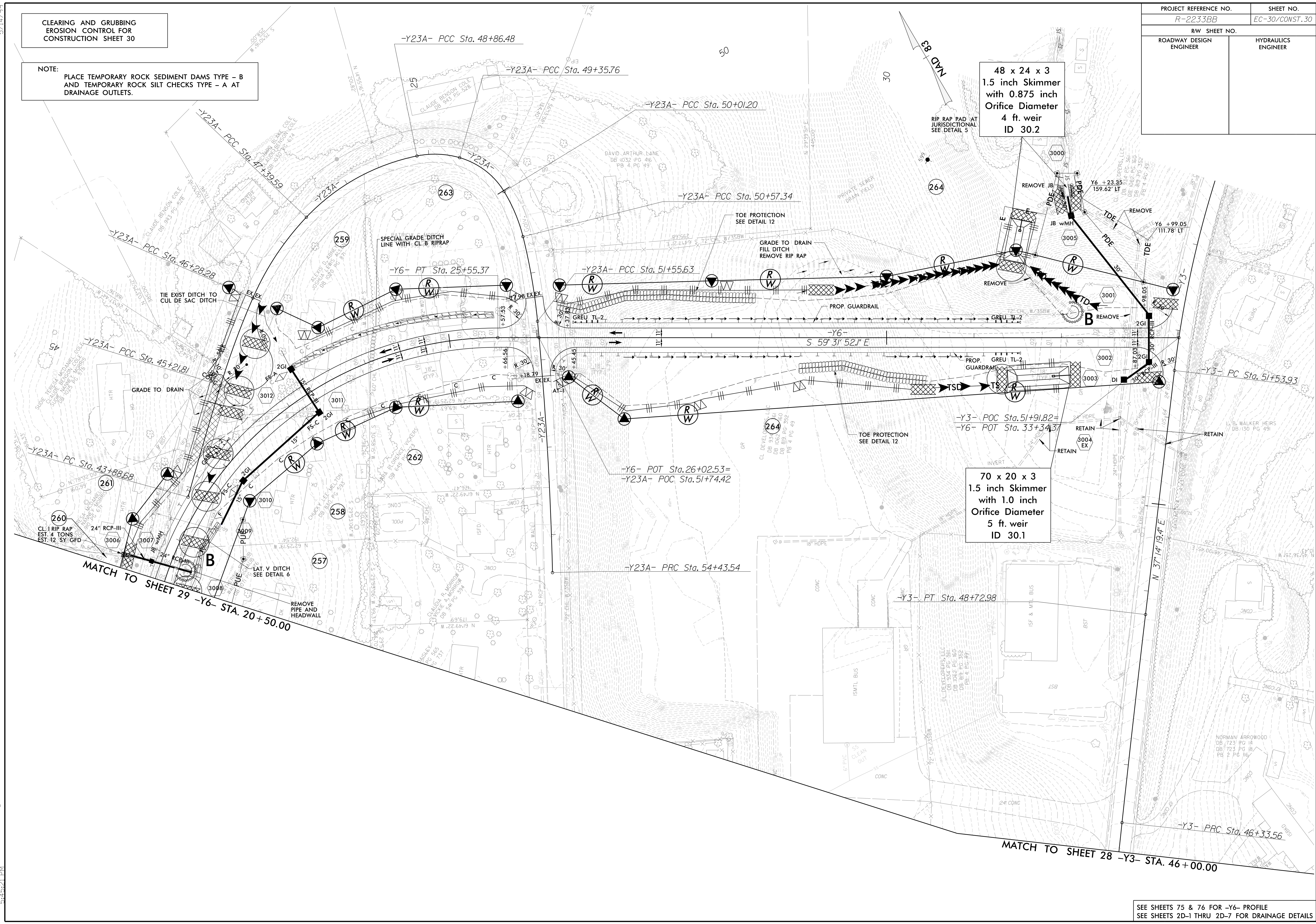
SEE SHEETS 65 & 66 FOR -Y3- PROFILE
SEE SHEET 77 FOR -Y23- PROFILE
SEE SHEET 28-4 FOR CONC. ISLAND DETAILS
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS



CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 30

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

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-30/CONST.30
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



5/14/99
3/16/2020
5/4/21
3/16/2020
5/4/21
3/16/2020
5/4/21

SEE SHEETS 75 & 76 FOR -Y6- PROFILE
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

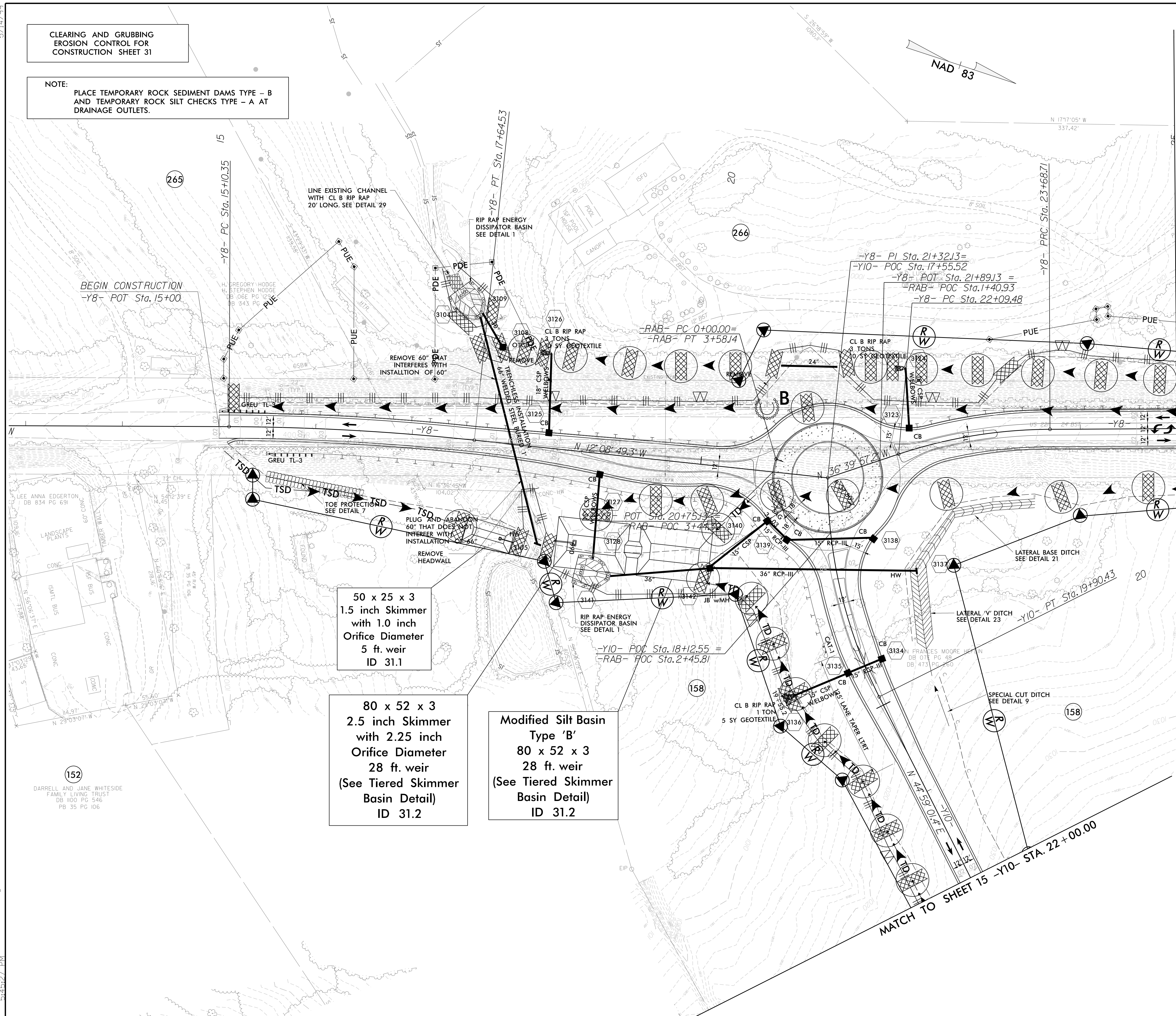
PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-31/CONST.31
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 31

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

ROW REV. - October 22, 2018 - Revised RW take for roundabout (WET)
ROW REV. - October 22, 2018 - Revised RW take for roundabout (WET)
ROW REV. - October 22, 2018 - Revised RW take for roundabout (WET)
ROW REV. - October 22, 2018 - Revised RW take for roundabout (WET)
ROW REV. - October 22, 2018 - Revised RW take for roundabout (WET)

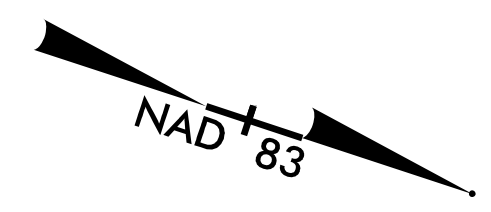
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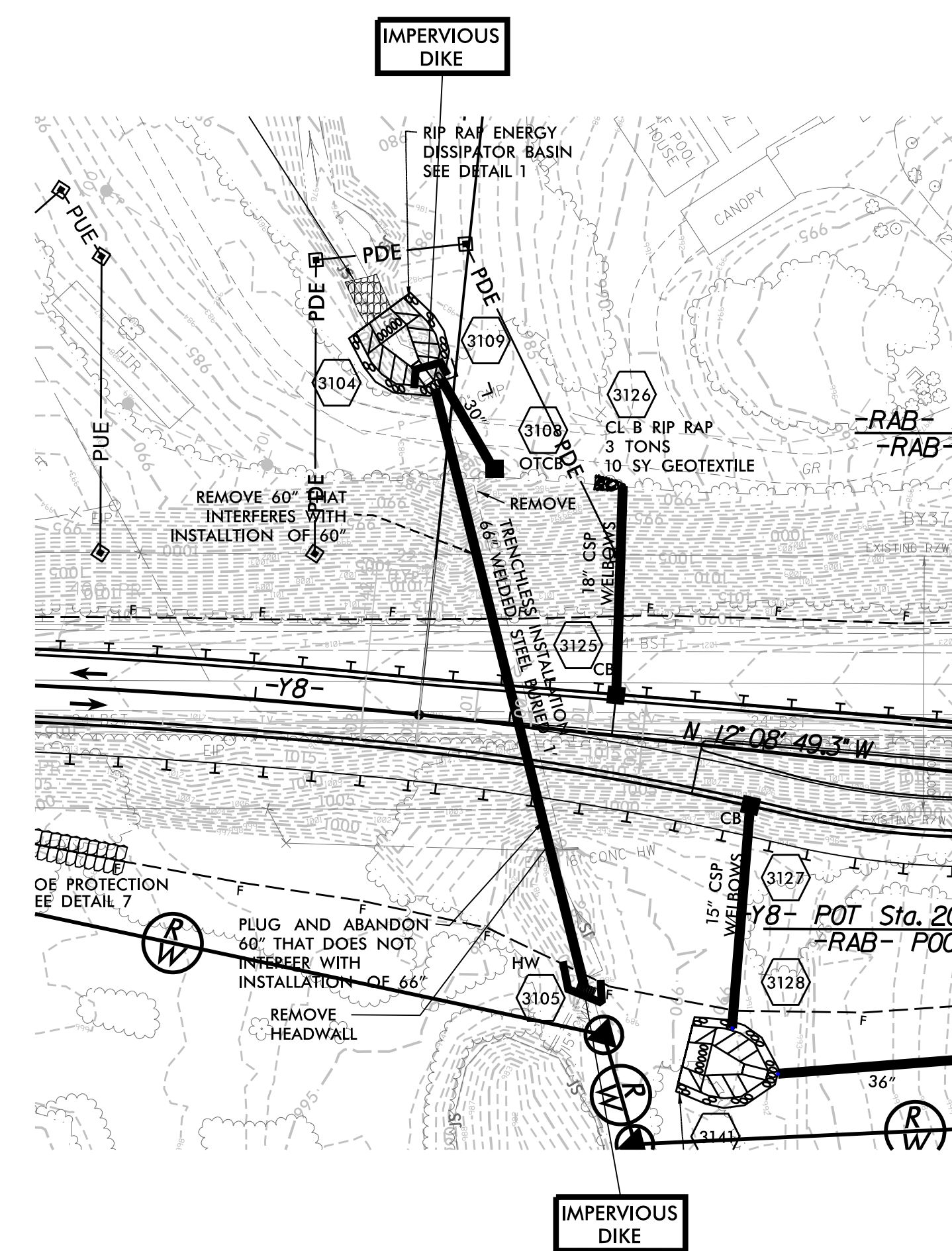
SEE SHEET 78 & 79 FOR -Y8- PROFILE
SEE SHEET 79 FOR -Y10- PROFILE
SEE SHEET 79 FOR -RAB- PROFILE
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS

PROJECT REFERENCE NO. <i>R-2233BB</i>	SHEET NO. <i>EC-31A/CONST. 31</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOT TO SCALE



60" WELDED STEEL CONSTRUCTION SEQUENCE STA. 15+00 -Y10-



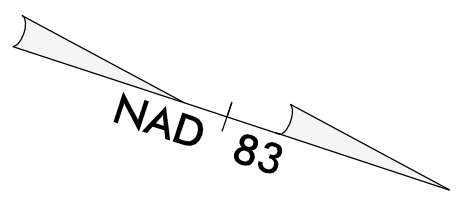
1. INSTALL SPECIAL STILLING BASIN(S) AS NECESSARY.
2. INSTALL IMPERVIOUS DIKES AND DIRECT WATER FLOW THROUGH EXISTING 60" CMP.
3. INSTALL 60" WELDED STEEL PIPE USING TRENCHLESS INSTALLATION.
4. COMPLETE UPSTREAM AND DOWNSTREAM CHANNEL IMPROVEMENTS.
5. REMOVE IMPERVIOUS DIKES TO ESTABLISH FLOW THROUGH NEWLY CONSTRUCTED PIPE.
6. REMOVE EXISTING 60" CMP AND/OR FILL WITH FLOWABLE MATERIAL.
7. REMOVE SPECIAL STILLING BASINS.

NOTE: IT IS ASSUMED THAT THE FINAL LOCATION OF THE PROPOSED 60" WELDED STEEL PIPE WILL BE SUCH THAT THE EXISTING 60" CMP CAN BE UTILIZED TO CONVEY FLOW DURING CONSTRUCTION.

PROJECT REFERENCE NO.	SHEET NO.
R-2233BB	EC-31B/CONST. 31A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

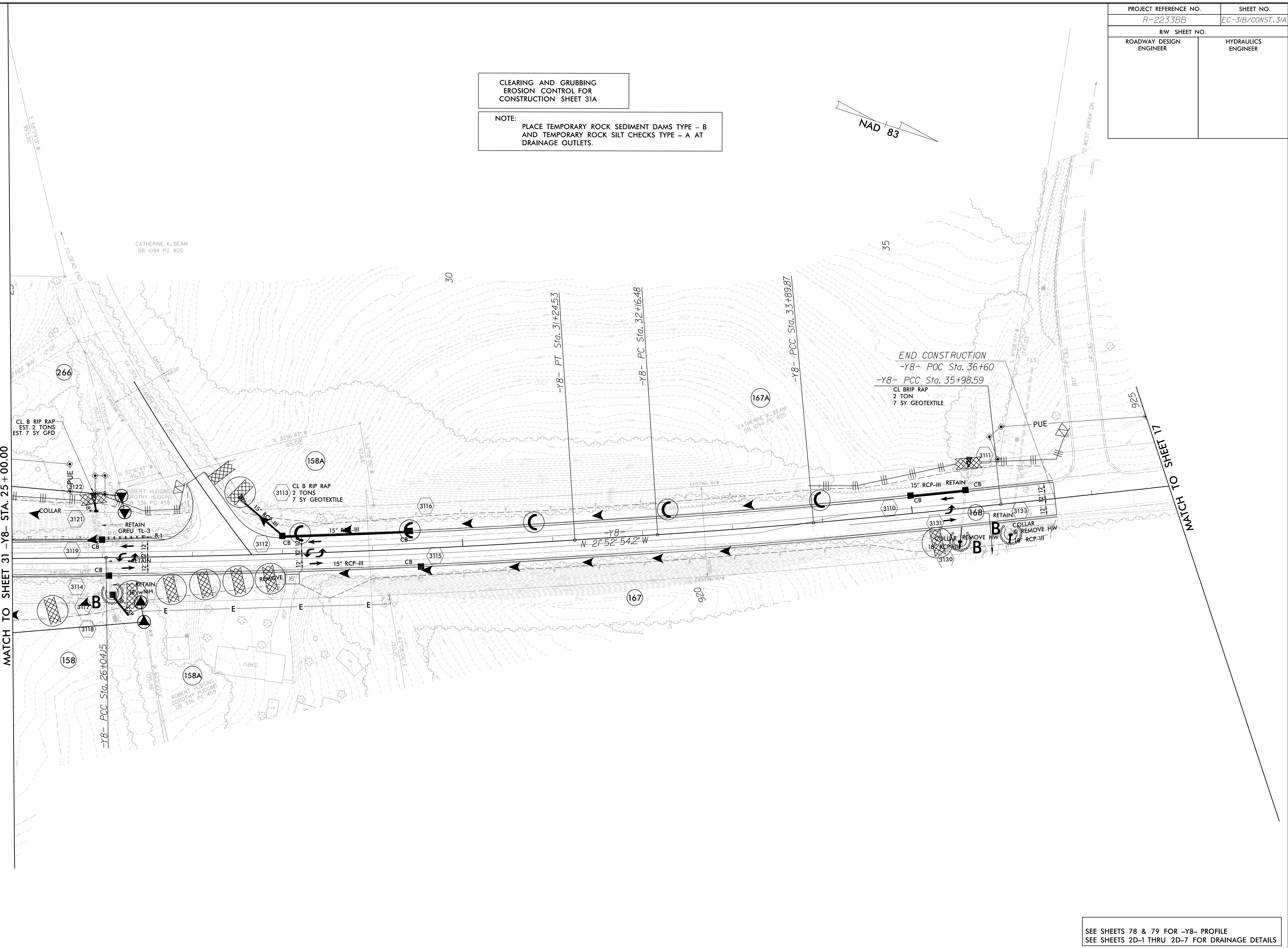
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 31A

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



ROW REV. - October 22, 2018 - Parcel 158 - Revised take for roundabout (WET)
ROW REV. - October 22, 2018 - Parcel 158A - New take for roundabout (WET)
ROW REV. - October 22, 2018 - Parcel 266 - Revised take for roundabout (WET)

3/16/2020
5:45:32
5:45:32
33BB-EC_PSH.dgn



SEE SHEETS 78 & 79 FOR -Y8- PROFILE
SEE SHEETS 2D-1 THRU 2D-7 FOR DRAINAGE DETAILS