

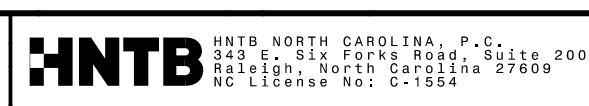
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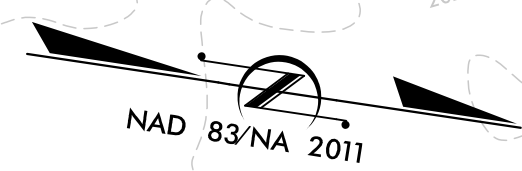
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8/17/99

1/28/2019
14700A.EC.PSH.18.dgn
HNTB



PROJECT REFERENCE NO.	SHEET NO.
1-4700	EC-18/CONST.18
RW SHEET NO.	1-4700A-28
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



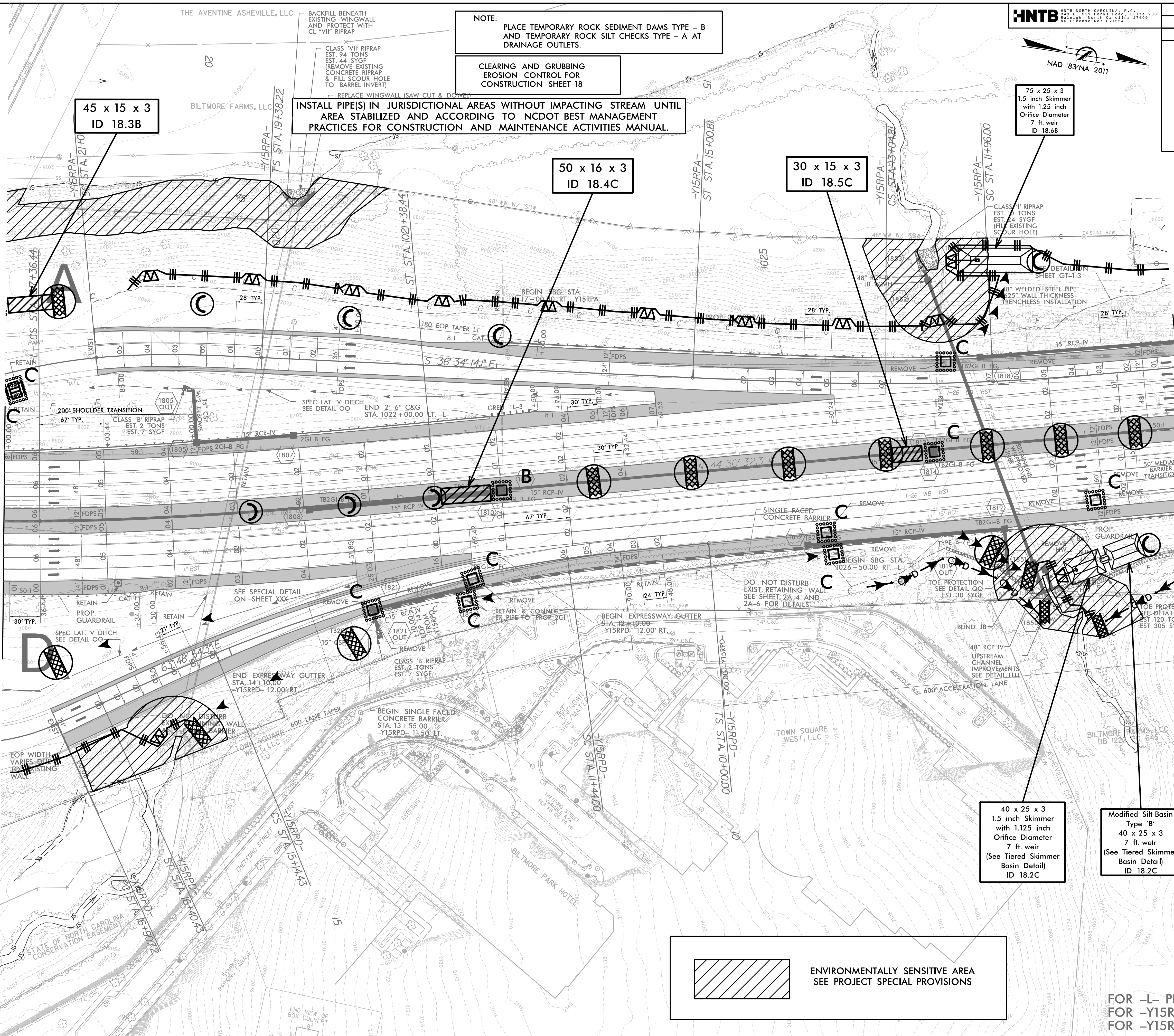
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 18

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

MATCHLINE SHEET 17
-L- STA 1017+00.00

MATCHLINE SHEET 19
-L- STA 1029+00.00



45 x 15 x 3
ID 18.3B

50 x 16 x 3
ID 18.4C

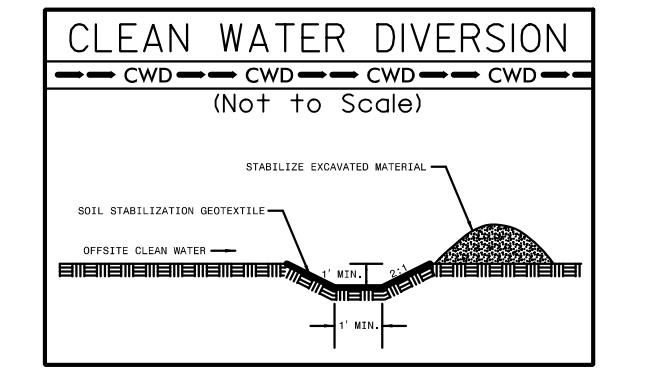
30 x 15 x 3
ID 18.5C

75 x 25 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
7 ft. weir
ID 18.6B

40 x 25 x 3
1.5 inch Skimmer
with 1.125 inch
Orifice Diameter
7 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 18.2C

Modified Silt Basin
Type 'B'
40 x 25 x 3
7 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 18.2C

 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS



FOR -L- PROFILE, SEE SHEET 48 & 49
FOR -Y15RPA- PROFILE, SEE SHEET 66
FOR -Y15RPD- PROFILE, SEE SHEET 68

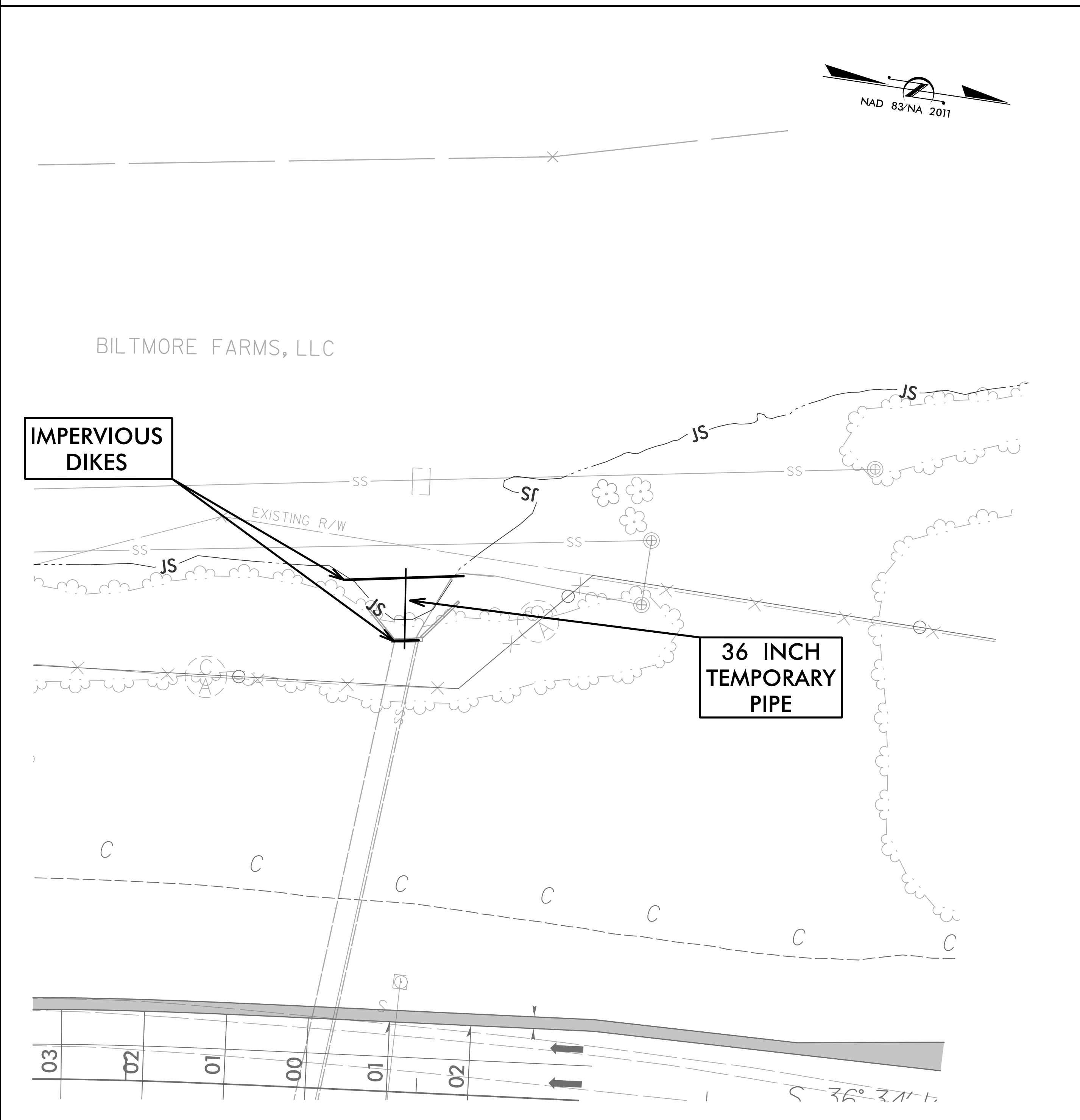
PROJECT REFERENCE NO.	SHEET NO.
1-4700	EC-1BA/CONST.1B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CULVERT CONSTRUCTION SEQUENCE STA. 1019+28 -L-

DUCKER CREEK

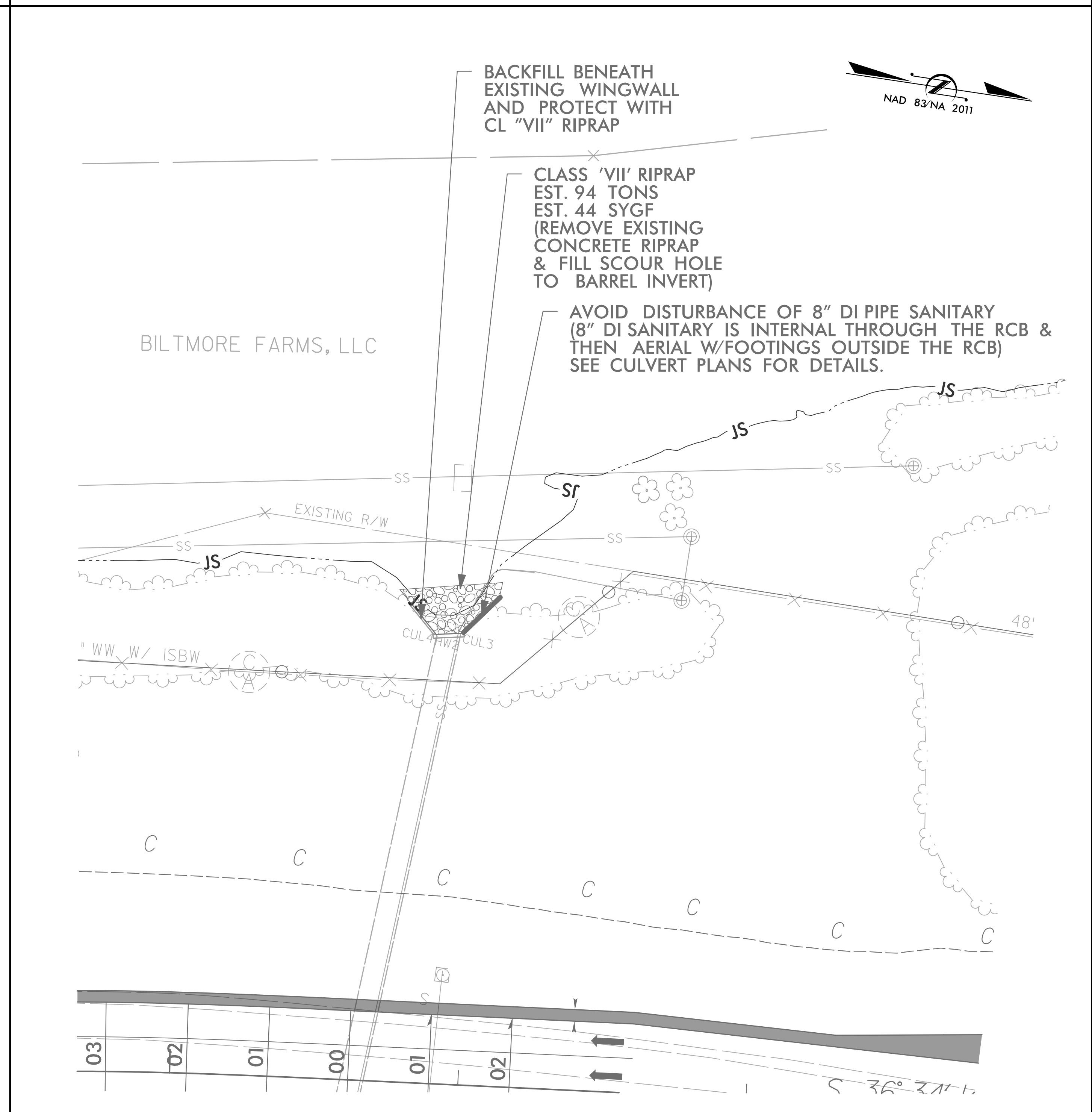
PHASE I

1. UTILIZE SPECIAL STILLING BASIN(S) AS NEEDED THROUGHOUT CULVERT CONSTRUCTION.
2. INSTALL IMPERVIOUS DIKES AND 36 INCH TEMPORARY PIPE AS SHOWN.

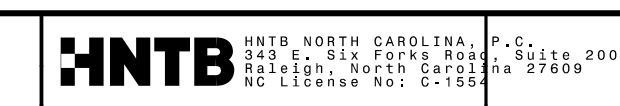


PHASE II

1. INSTALL CLASS "VII" RIPRAP AND NORTHERN WING WALL AS SHOWN.
2. BACKFILL BENEATH EXISTING WINGWALL AND PROTECT WITH CLASS "VII" RIPRAP.
3. REMOVE IMPERVIOUS DIKES, 36 INCH TEMPORARY PIPE, AND ANY REMAINING SPECIAL STILLING BASIN(S)..

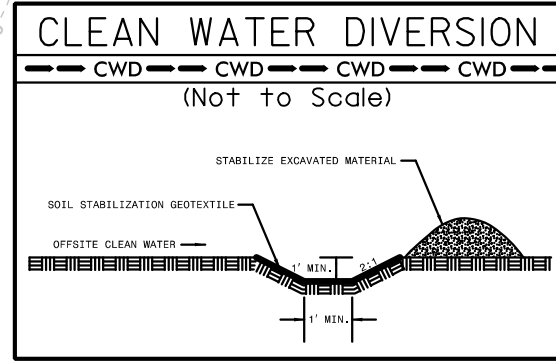


8/17/99



PROJECT REFERENCE NO.		SHEET NO.	
1-4700		EC-19/CONST.19	
RW SHEET NO.		1-4700A-29	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

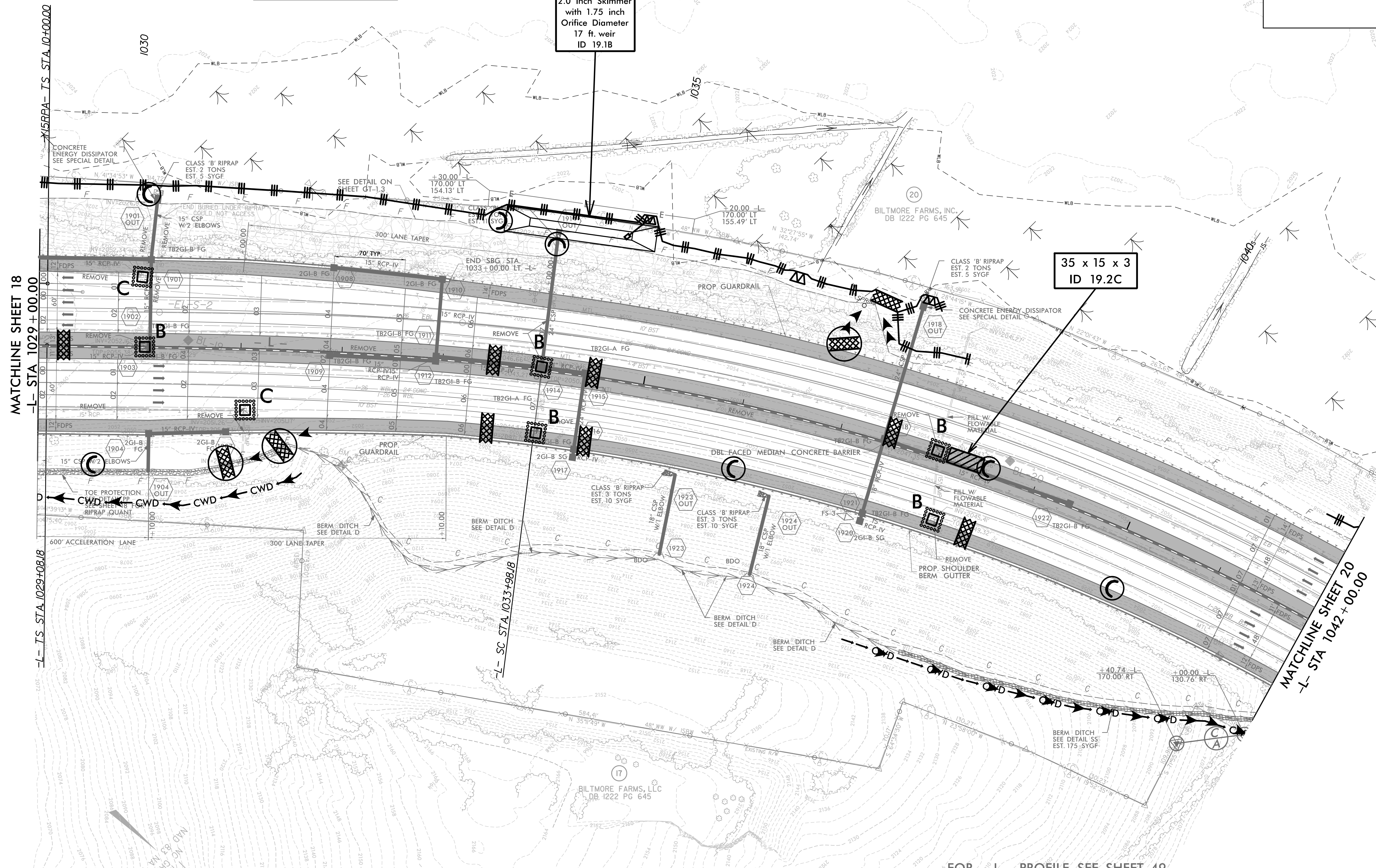
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.



CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 19

150 x 25 x 3
2.0 inch Skimmer
with 1.75 inch
Orifice Diameter
17 ft. weir
ID 19.1B

35 x 15 x 3
ID 19.2C



MATCHLINE SHEET 18
L- STA 1029+00.00

MATCHLINE SHEET 20
L- STA 1042+00.00

L- TS STA 1029+08.18

L- SC STA 1033+98.18

FOR L-L PROFILE, SEE SHEET 49

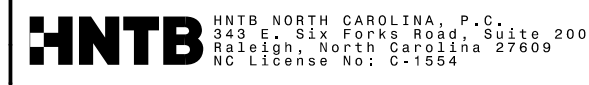
1/28/2016
14700A.EC.PSH.19.dgn
HNTB

8.17.17.99

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 20

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

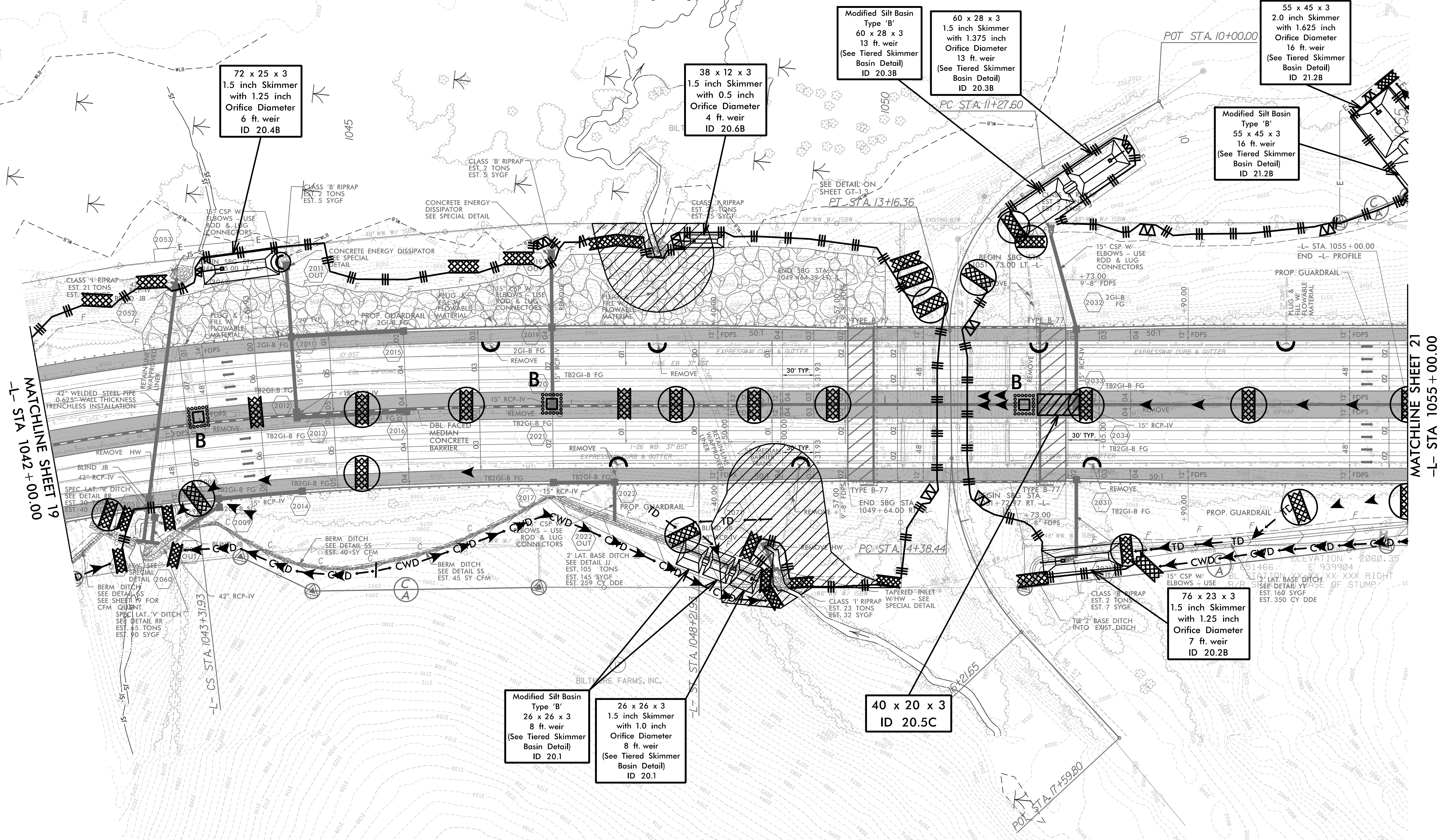
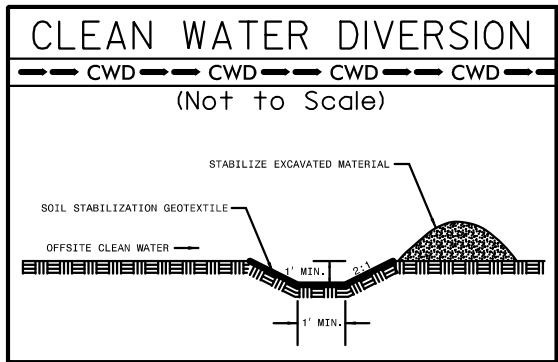
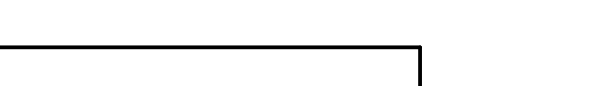
INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL
AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT
PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.



PROJECT REFERENCE NO. 1-4700
SHEET NO. EC-20/CONST.20

RW SHEET NO. 1-4700A-30

ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER



MATCHLINE SHEET 19
L- STA 1042 + 00.00

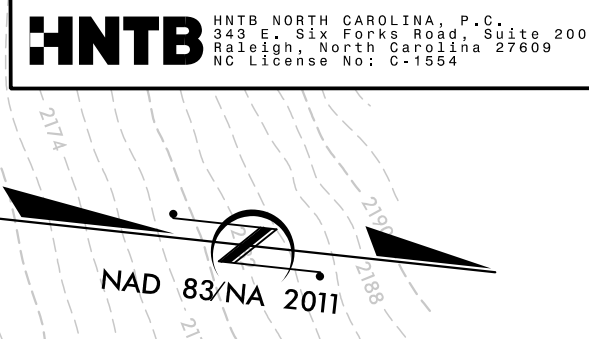
MATCHLINE SHEET 21
L- STA 1055 + 00.00

5/9/2019
14700A.EC.PSH.20.dgn
HNTB

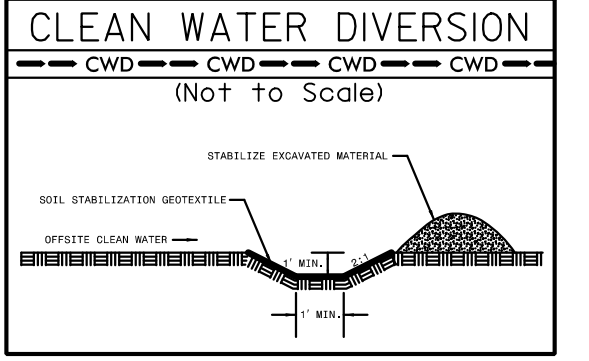
7/19/2017

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.



PROJECT REFERENCE NO. 1-4700	SHEET NO. EC-21/CONST.21
RW SHEET NO. 1-4700B-31	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

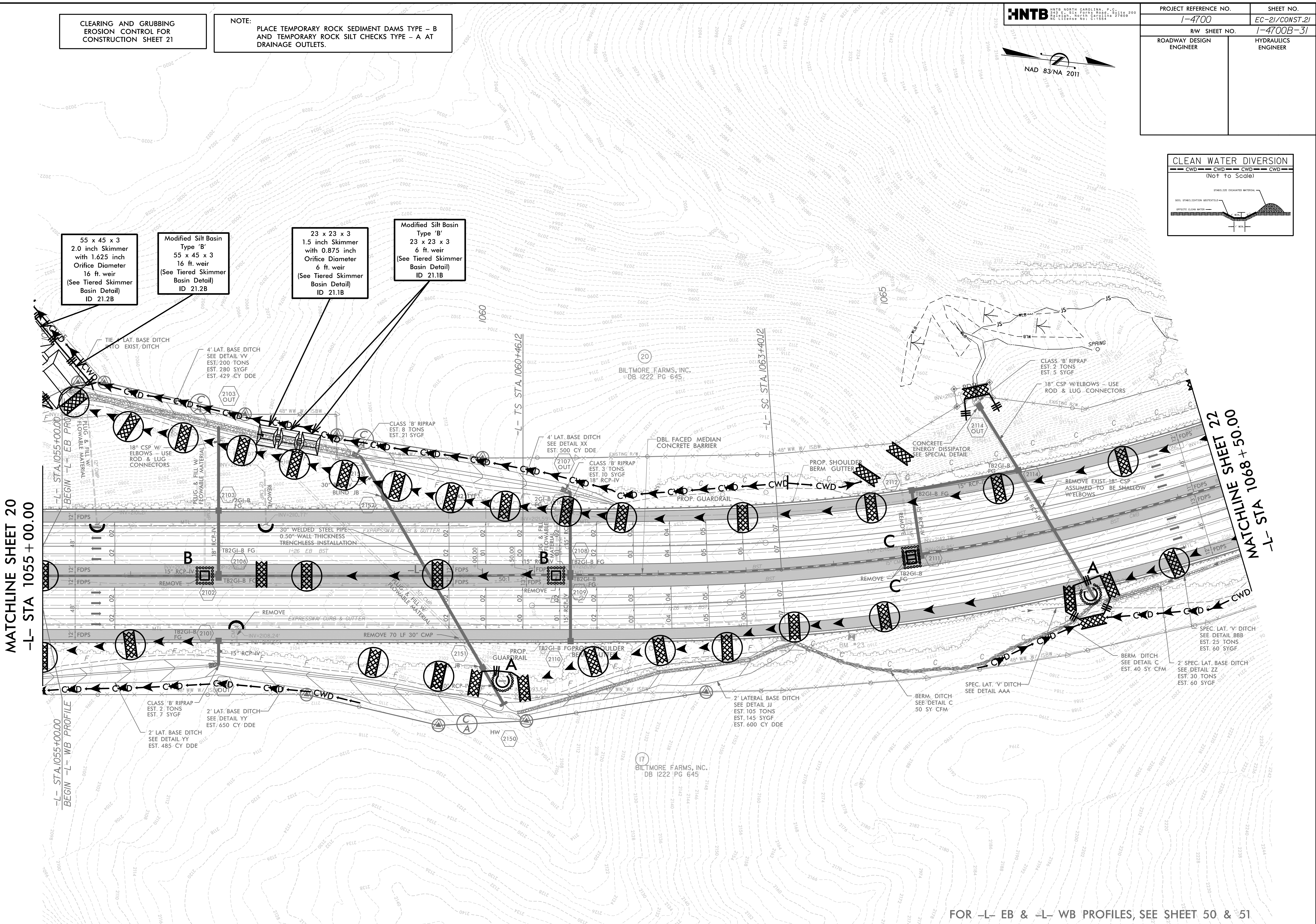


MATCHLINE SHEET 20
-L- STA 1055+00.00

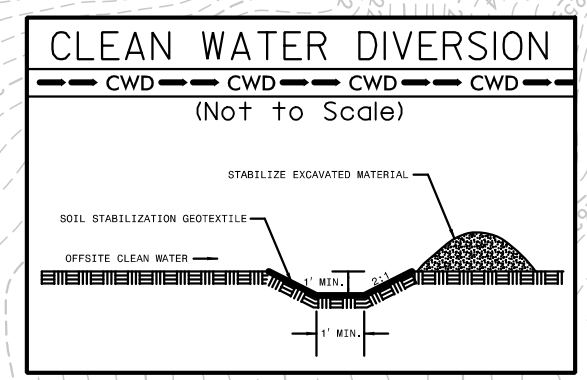
MATCHLINE SHEET 22
-L- STA 1068+50.00

2/27/2019
21-4700B-EC_PSH_21.dgn
HNTB

FOR -L- EB & -L- WB PROFILES, SEE SHEET 50 & 51



PROJECT REFERENCE NO. 1-4700	SHEET NO. EC-22/CONST.22
RW SHEET NO. 1-4700B-32	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



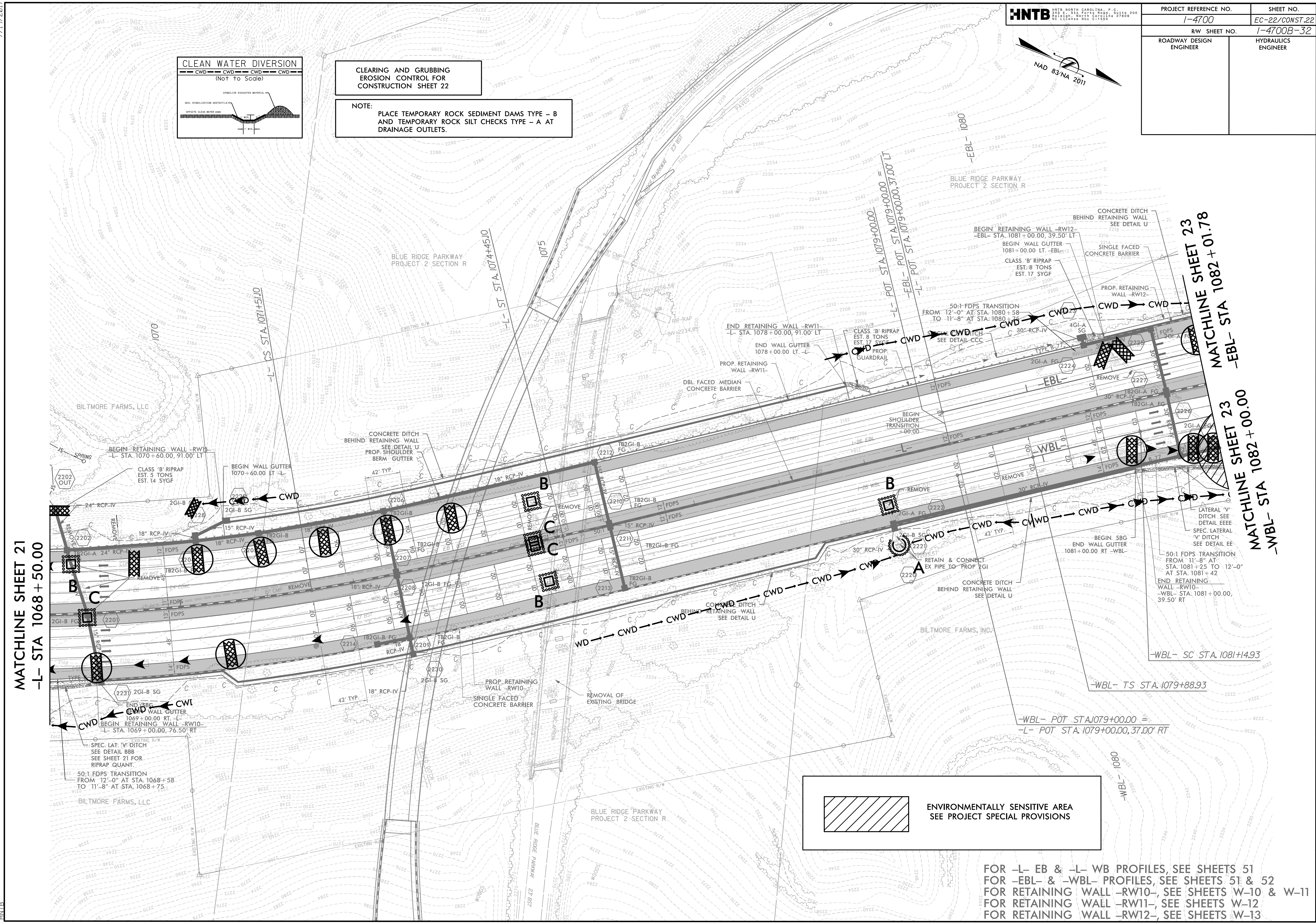
**CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 22**

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

MATCHLINE SHEET 21
-L- STA 1068 + 50.00

MATCHLINE SHEET 23
-EBL- STA 1082 + 01.78

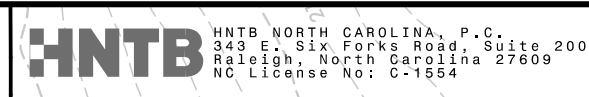
MATCHLINE SHEET 23
-WBL- STA 1082 + 00.00



ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

FOR -L- EB & -L- WB PROFILES, SEE SHEETS 51
FOR -EBL- & -WBL- PROFILES, SEE SHEETS 51 & 52
FOR RETAINING WALL -RW10-, SEE SHEETS W-10 & W-11
FOR RETAINING WALL -RW11-, SEE SHEETS W-12
FOR RETAINING WALL -RW12-, SEE SHEETS W-13

7/19/2017

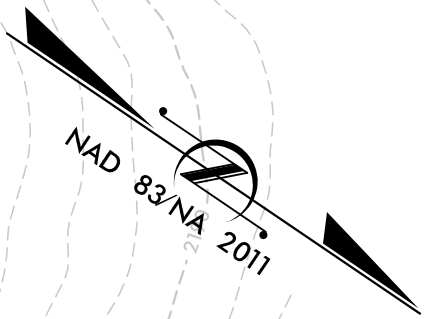


PROJECT REFERENCE NO.	SHEET NO.
I-4700	EC-23/CONST.23
RW SHEET NO.	I-4700B-33
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 23

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

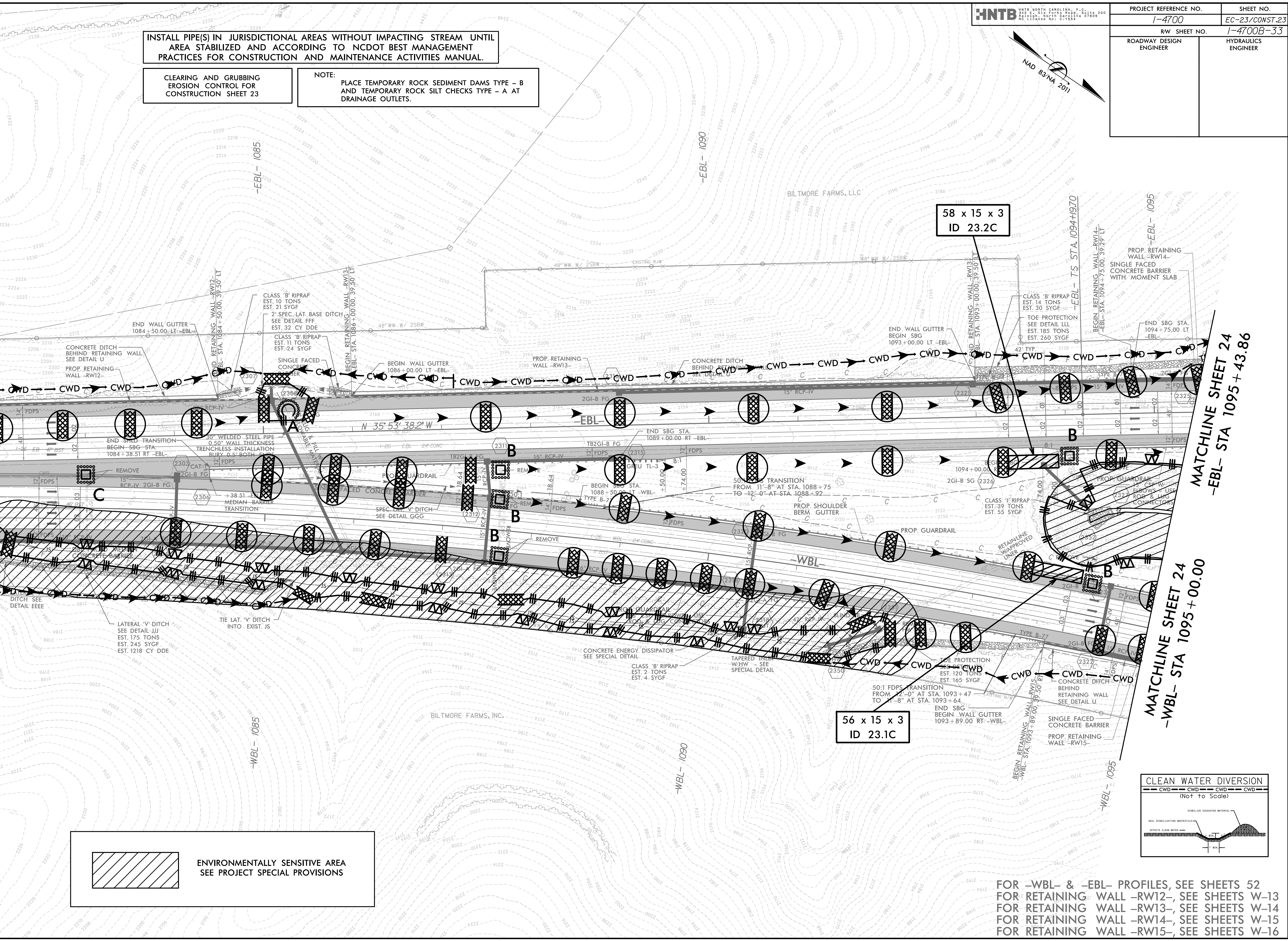


MATCHLINE SHEET 22
-EBL- STA 1082 + 01.78

MATCHLINE SHEET 22
-WBL- STA 1082 + 00.00

MATCHLINE SHEET 24
-EBL- STA 1095 + 43.86

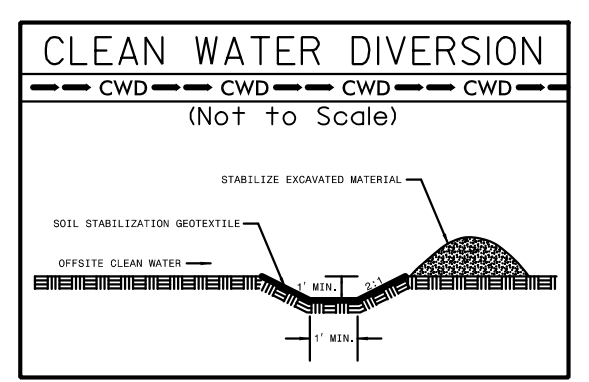
MATCHLINE SHEET 24
-WBL- STA 1095 + 00.00



58 x 15 x 3
ID 23.2C

56 x 15 x 3
ID 23.1C

 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS



FOR -WBL- & -EBL- PROFILES, SEE SHEETS 52
FOR RETAINING WALL -RW12-, SEE SHEETS W-13
FOR RETAINING WALL -RW13-, SEE SHEETS W-14
FOR RETAINING WALL -RW14-, SEE SHEETS W-15
FOR RETAINING WALL -RW15-, SEE SHEETS W-16

5/9/2016
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HNTB

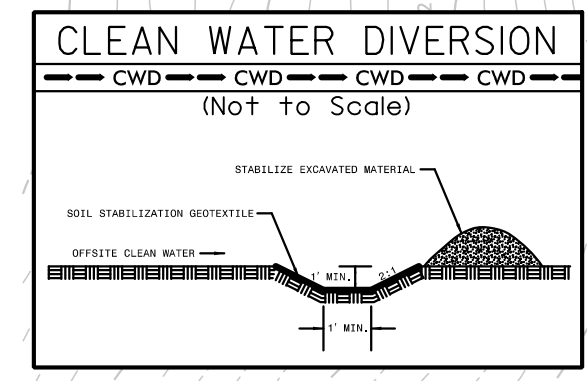
7/19/2017

	PROJECT REFERENCE NO.	SHEET NO.
	1-4700	EC-24/CONST.24
	RW SHEET NO.	1-4700B-34
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	

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.

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

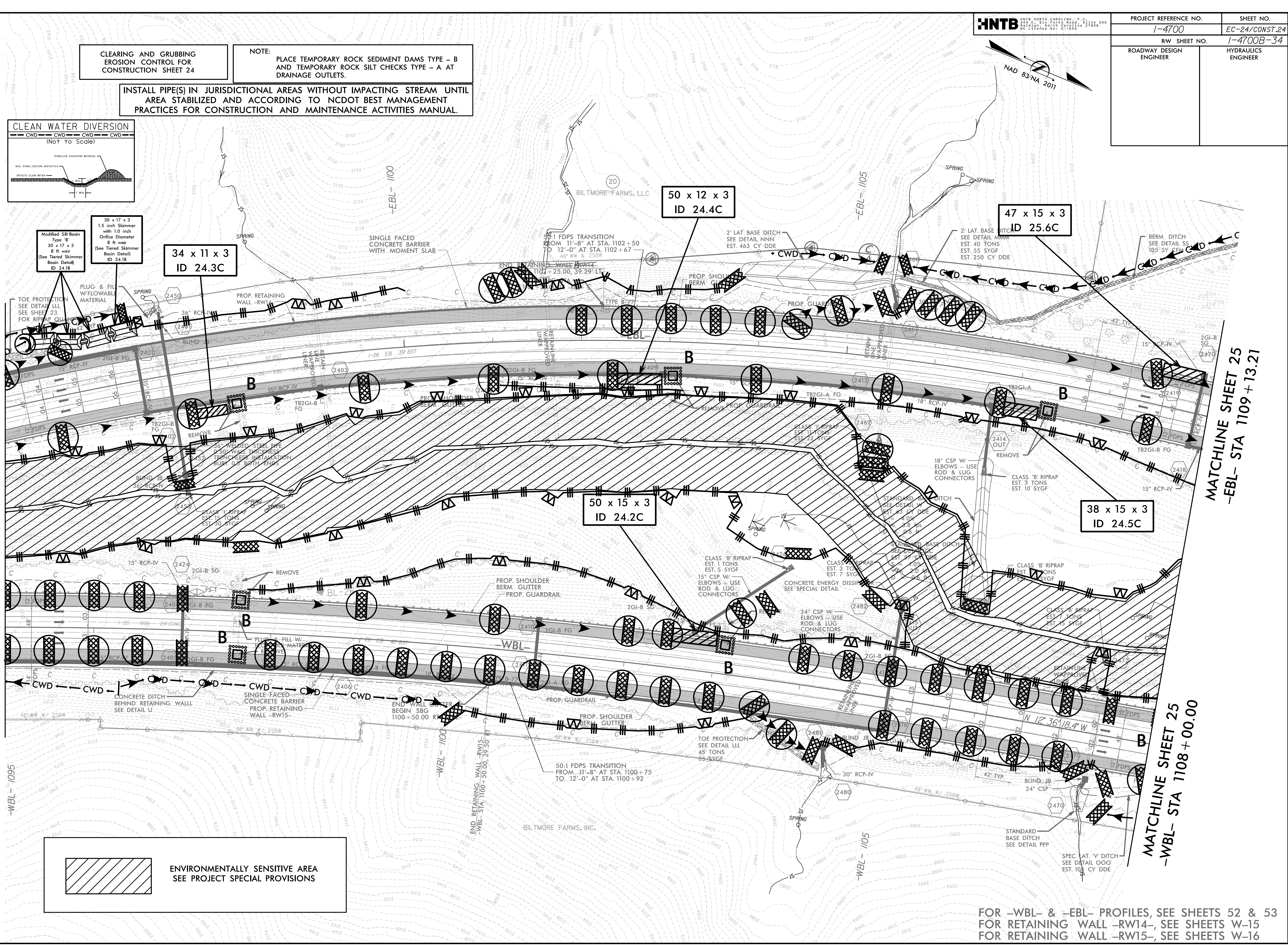


MATCHLINE SHEET 23
-EBL- STA 1095+43.86

MATCHLINE SHEET 23
-WBL- STA 1095+00.00

MATCHLINE SHEET 25
-EBL- STA 1109+13.21

MATCHLINE SHEET 25
-WBL- STA 1108+00.00

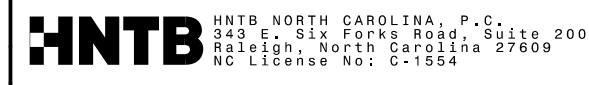


FOR -WBL- & -EBL- PROFILES, SEE SHEETS 52 & 53
FOR RETAINING WALL -RW14-, SEE SHEETS W-15
FOR RETAINING WALL -RW15-, SEE SHEETS W-16

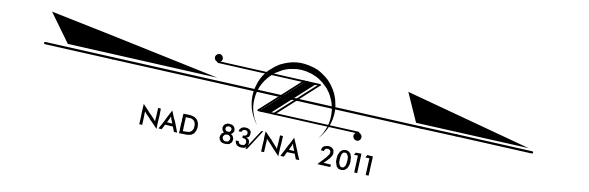
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7/19/2017

5/9/2016
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HNTB



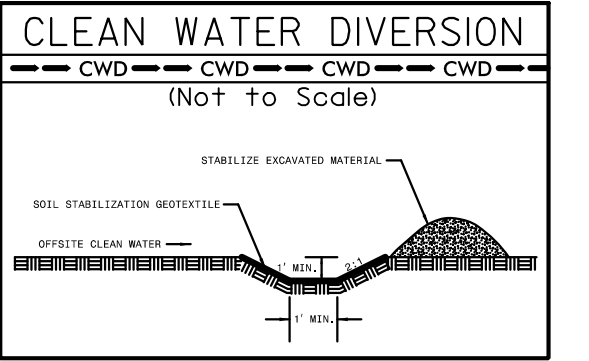
PROJECT REFERENCE NO.	SHEET NO.
I-4700	EC-25/CONST.25
RW SHEET NO.	I-4700B-35
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



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.

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

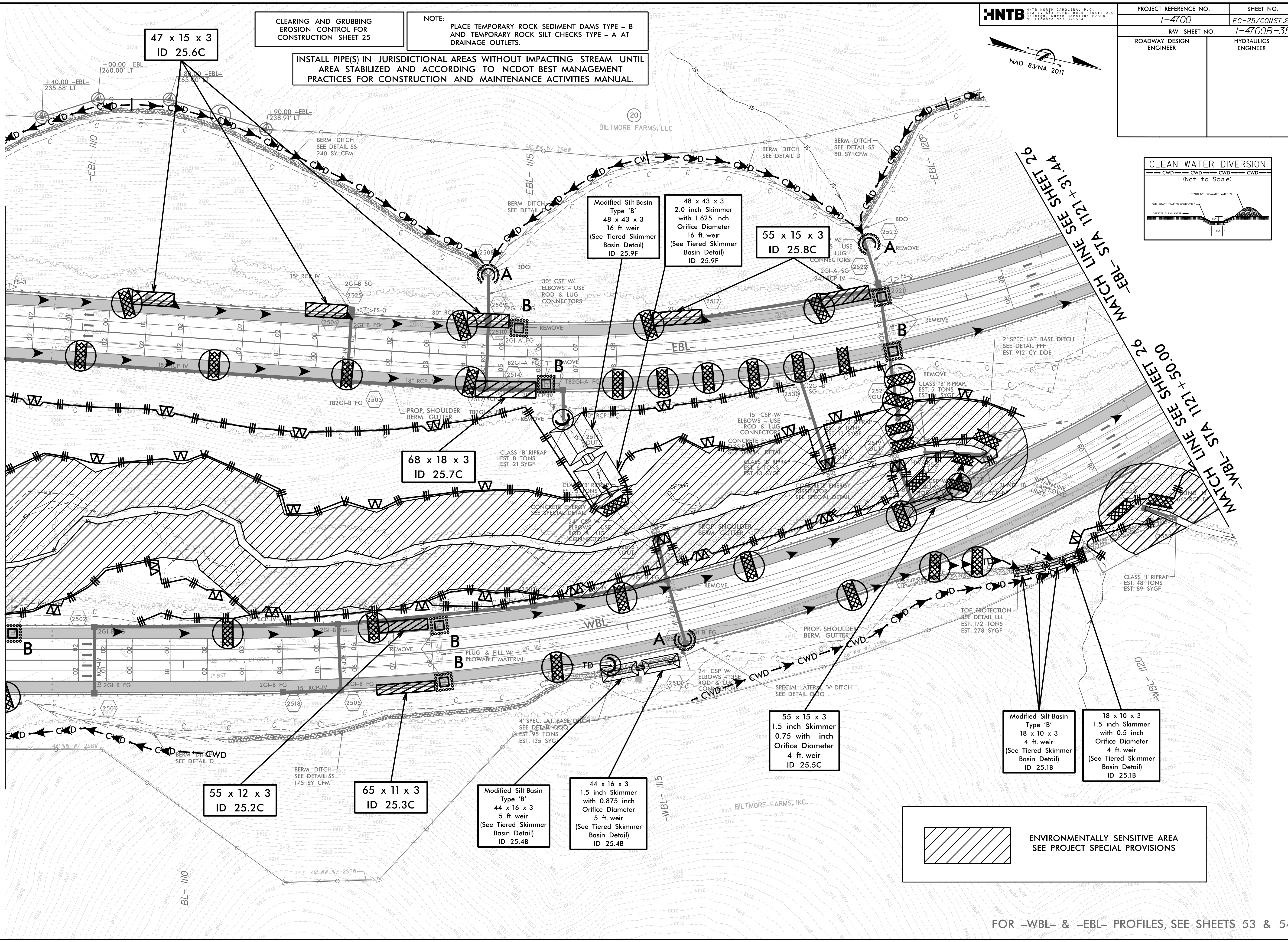


MATCH LINE SEE SHEET 24
-EBL- STA 1109 + 13.21

MATCH LINE SEE SHEET 24
-WBL- STA 1108 + 00.00

MATCH LINE SEE SHEET 26
-EBL- STA 1121 + 31.44

MATCH LINE SEE SHEET 26
-WBL- STA 1121 + 50.00



47 x 15 x 3
ID 25.6C

Modified Silt Basin
Type 'B'
48 x 43 x 3
16 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 25.9F

48 x 43 x 3
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
16 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 25.9F

55 x 15 x 3
ID 25.8C

68 x 18 x 3
ID 25.7C

55 x 12 x 3
ID 25.2C

65 x 11 x 3
ID 25.3C

Modified Silt Basin
Type 'B'
44 x 16 x 3
5 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 25.4B

44 x 16 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
5 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 25.4B

55 x 15 x 3
1.5 inch Skimmer
0.75 with inch
Orifice Diameter
4 ft. weir
ID 25.5C

Modified Silt Basin
Type 'B'
18 x 10 x 3
4 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 25.1B

18 x 10 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
4 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 25.1B

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

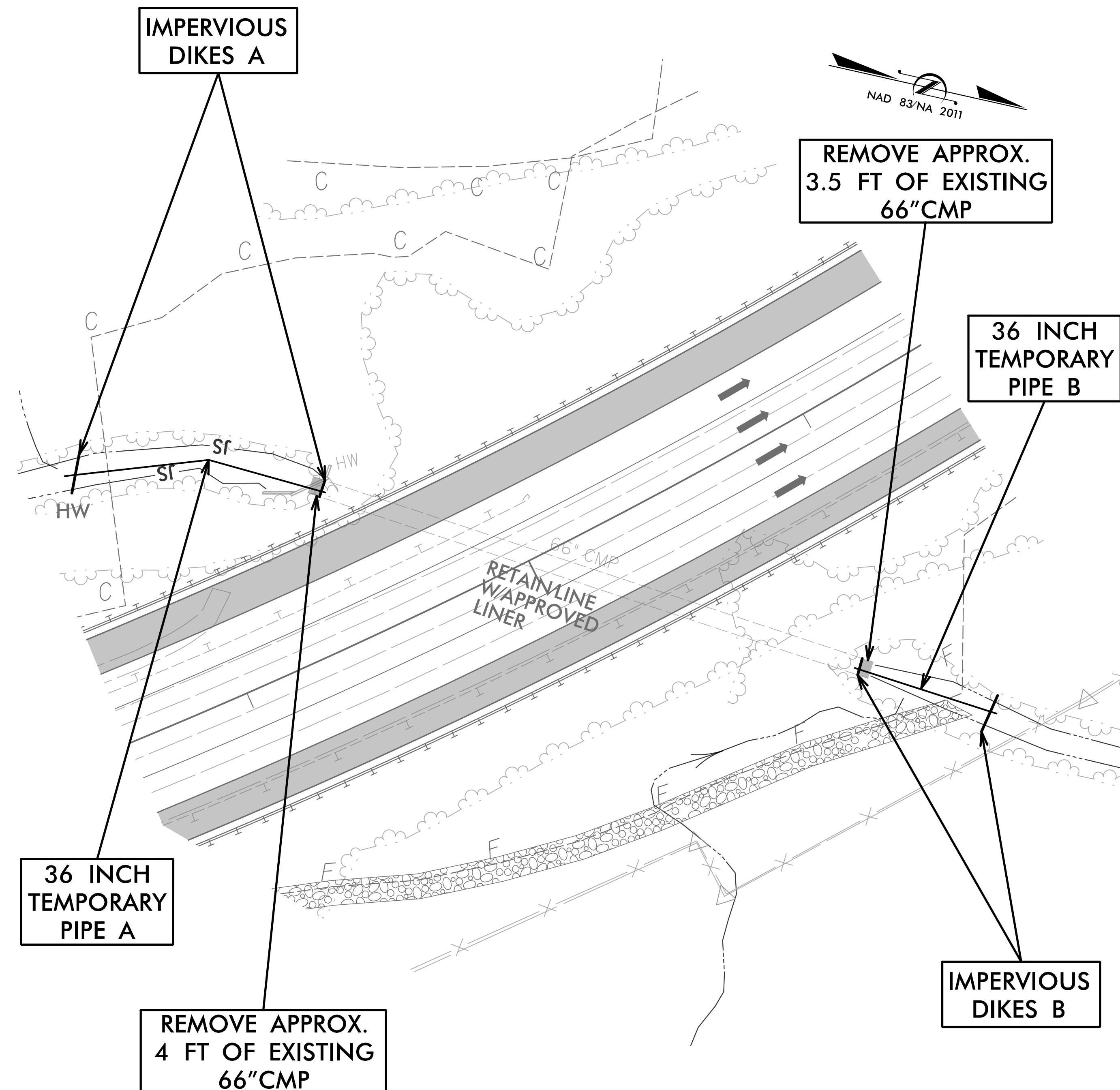
FOR -WBL- & -EBL- PROFILES, SEE SHEETS 53 & 54

PROJECT REFERENCE NO.	SHEET NO.
1-4700	EC-25A/CONST.25
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PIPE CONSTRUCTION SEQUENCE STA. 1119+87 -WBL- UT TO FRENCH BROAD RIVER

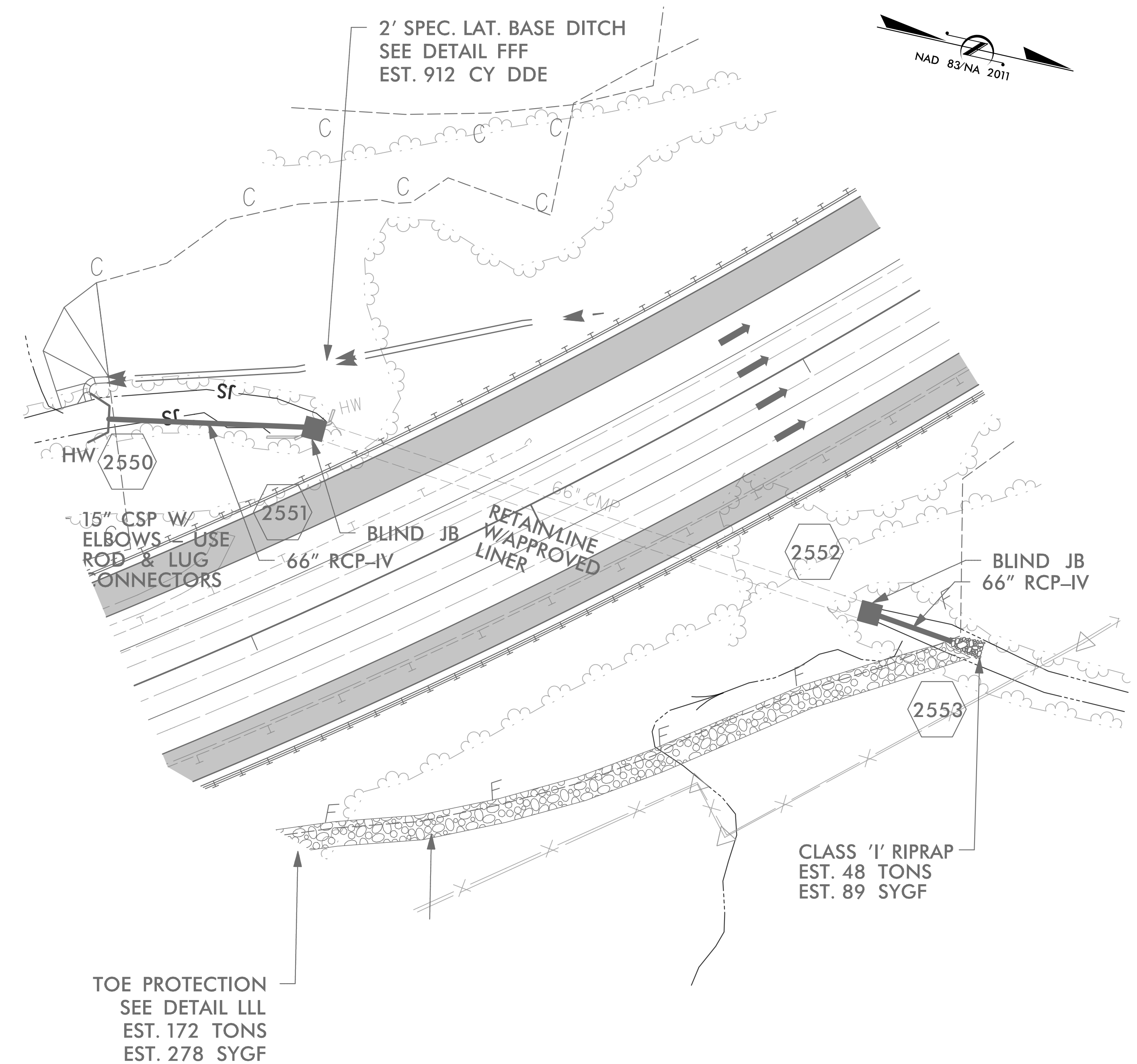
PHASE I

1. UTILIZE SPECIAL STILLING BASIN(S) AS NEEDED THROUGHOUT PIPE CONSTRUCTION.
2. INSTALL IMPERVIOUS DIKES A, B AND TEMPORARY PIPES A AND B.
3. DIVERT FLOW THROUGH EXISTING 66" CMP AND TEMPORARY PIPES A AND B.
4. REMOVE UPSTREAM HEADWALL OF EXISTING 66" CMP.
5. REMOVE APPROX. 4 FT FROM THE UPSTREAM SIDE AND APPROX. 3.5 FT FROM THE DOWNSTREAM SIDE OF EXISTING 66" CMP.



PHASE II

1. INSTALL ALL PROPOSED 66' RCP AND BLIND JUNCTION BOXES.
2. INSTALL UPSTREAM WING WALL AND DOWNSTREAM CLASS 'I' RIPRAP.
3. REMOVE IMPERVIOUS DIKES A AND B.
4. REMOVE TEMPORARY PIPES A AND B.
5. REMOVE ANY REMAINING SPECIAL STILLING BASIN(S).
6. COMPLETE FILL SLOPE, TOE PROTECTION AND 2' LATERAL BASE DITCH.



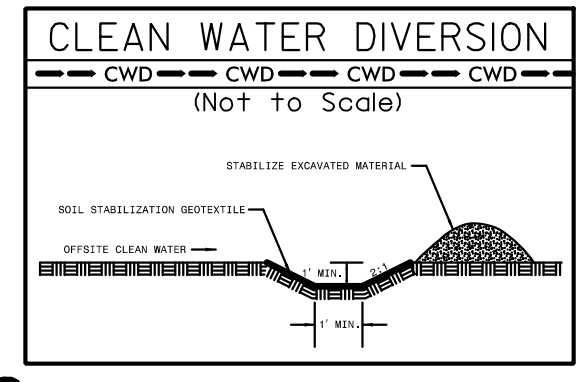
7/19/2017

HNTB
HNTB NORTH CAROLINA, P.C.
243 E. 81st Street, Suite 200
Raleigh, North Carolina 27609
NC LICENSE NO. C-1984

PROJECT REFERENCE NO.	SHEET NO.
1-4700	EC-26/CONST.26
RW SHEET NO.	1-4700B-36
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 26

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

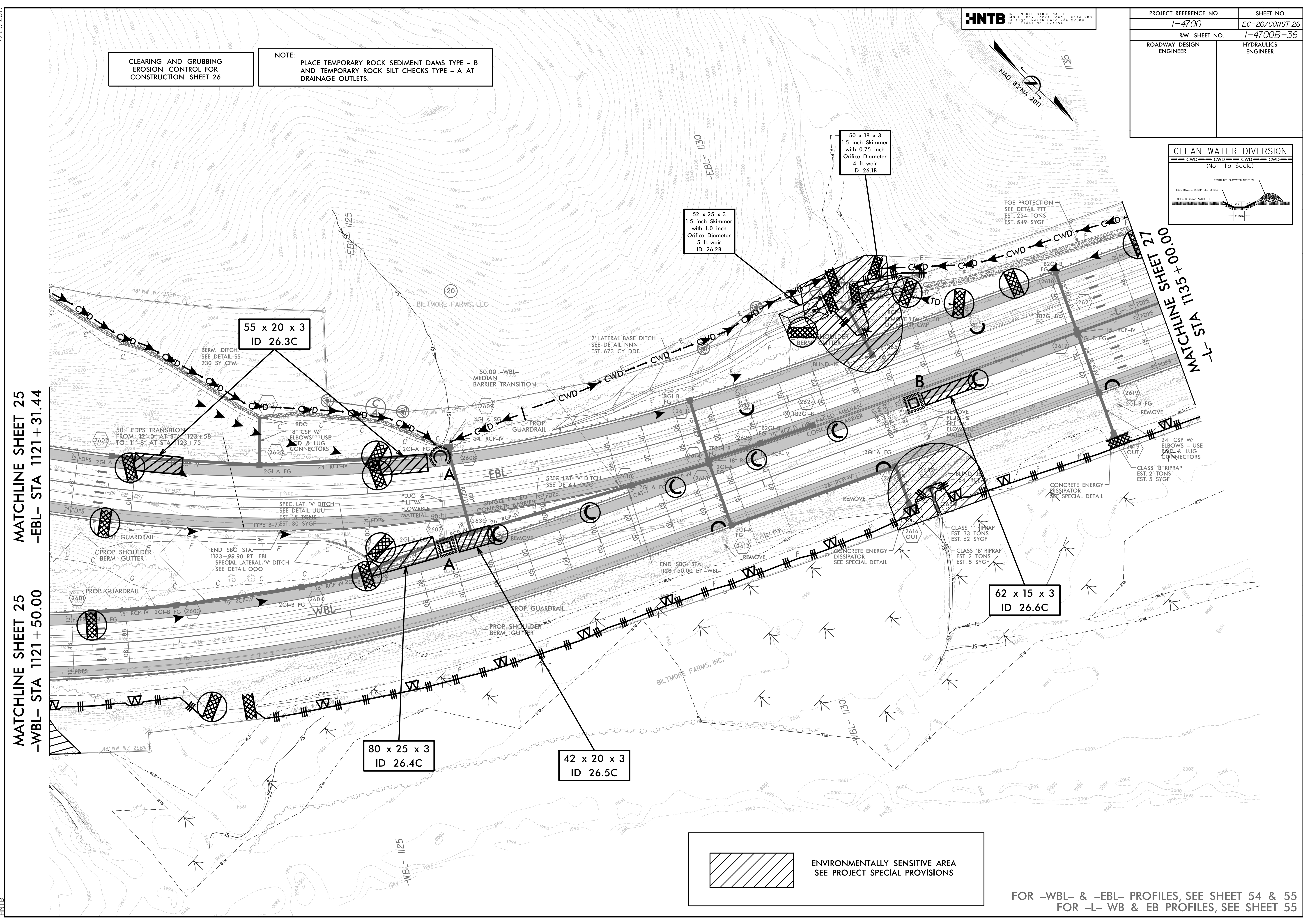


MATCHLINE SHEET 25
-EBL- STA 1121 + 31.44

MATCHLINE SHEET 25
-WBL- STA 1121 + 50.00

MATCHLINE SHEET 27
-L- STA 1131 + 00.00

5/9/2016
5:\s\p\dgn\1-4700B_EC_PSH_26.dgn
HNTB



ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

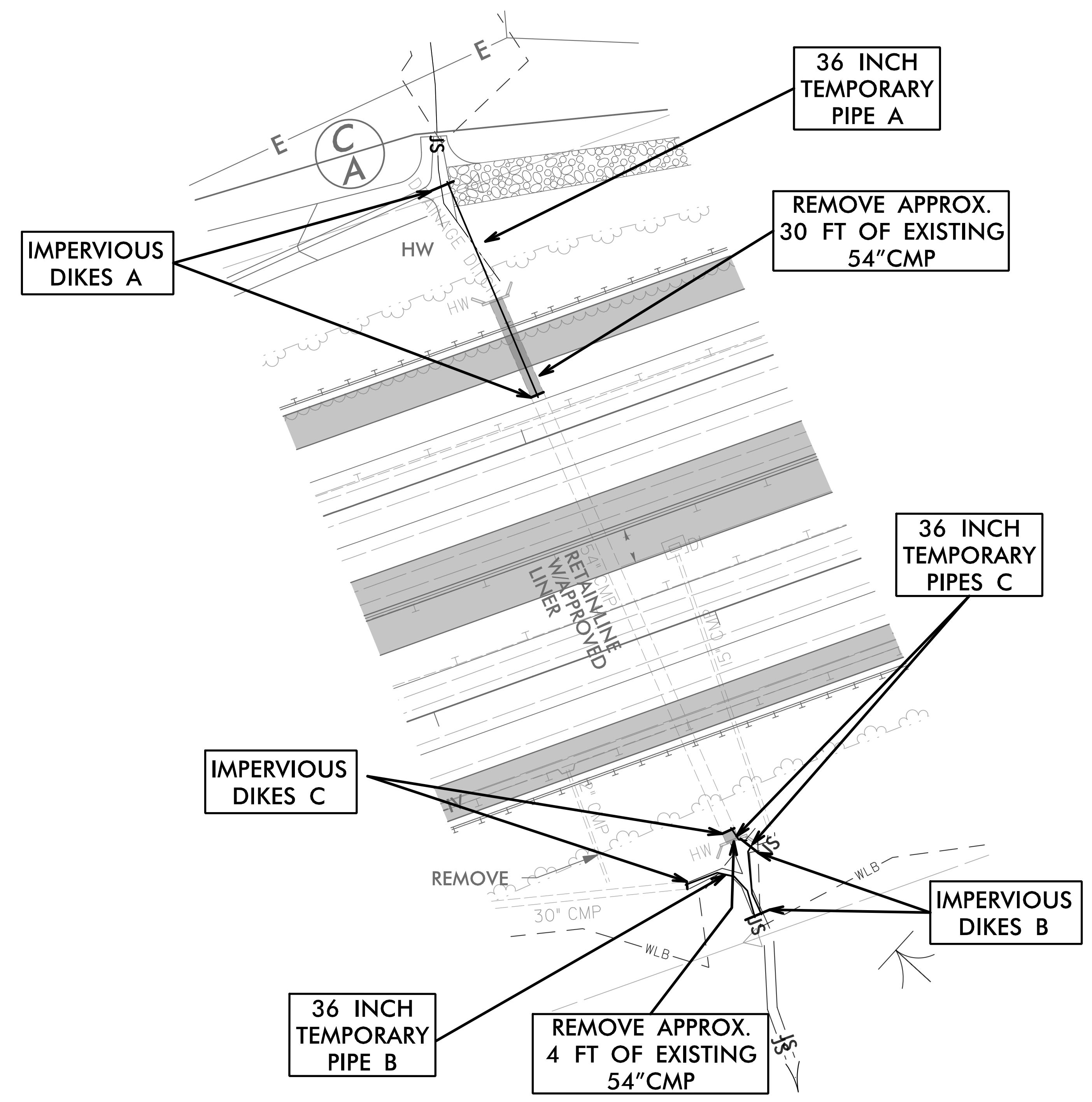
FOR -WBL- & -EBL- PROFILES, SEE SHEET 54 & 55
FOR -L- WB & EB PROFILES, SEE SHEET 55

PROJECT REFERENCE NO.	SHEET NO.
1-4700	EC-26A/CONST.26
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PIPE CONSTRUCTION SEQUENCE STA. 1131+00 -EBL- UT TO FRENCH BROAD RIVER

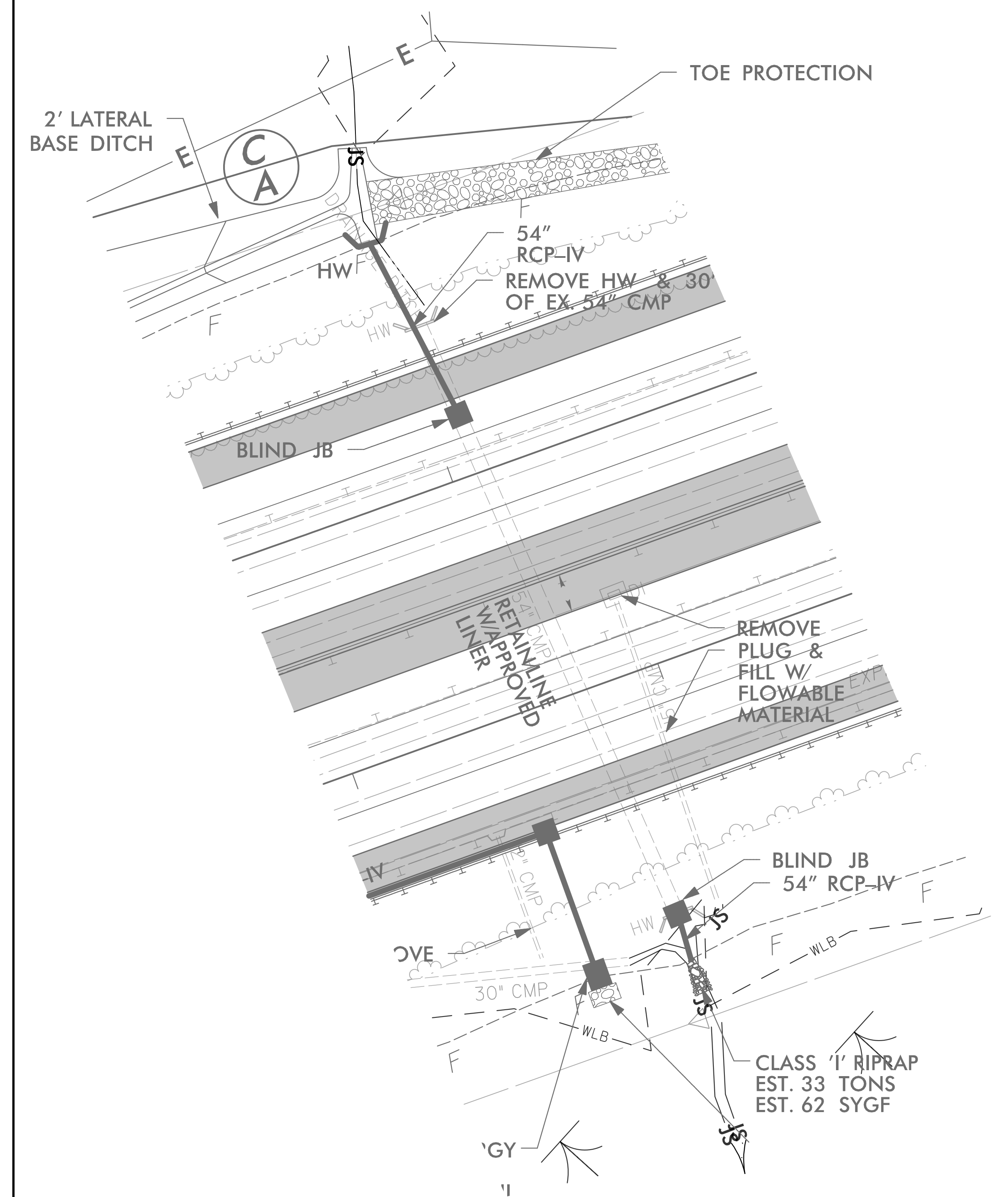
PHASE I

1. UTILIZE SPECIAL STILLING BASIN(S) AS NEEDED THROUGHOUT PIPE CONSTRUCTION.
2. INSTALL IMPERVIOUS DIKES A, B AND C.
3. INSTALL 36" TEMPORARY PIPES A, B AND C.
4. DIVERT AND MAINTAIN FLOW THROUGH TEMPORARY PIPE A, EXISTING 54" CMP, TEMPORARY PIPES B AND C.
5. REMOVE UPSTREAM AND DOWNSTREAM HEADWALLS OF EXISTING 54" CMP.
6. REMOVE APPROX. 30 FT FROM THE UPSTREAM SIDE AND APPROX. 4 FT FROM THE DOWNSTREAM SIDE OF EXISTING 54" CMP.

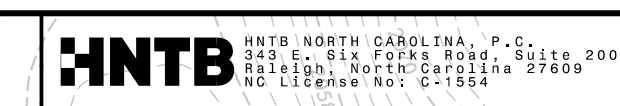


PHASE II

1. INSTALL ALL PROPOSED 54" RCP AND JUNCTION BOXES.
2. INSTALL UPSTREAM WING WALL AND DOWNSTREAM CLASS 'I' RIPRAP.
3. REMOVE IMPERVIOUS DIKES A, B AND C.
4. REMOVE TEMPORARY PIPES A, B AND C.
5. DIVERT FLOW TO NEWLY CONSTRUCTED 54" RCP AND EXISTING 54" CMP.
6. REMOVE ANY REMAINING SPECIAL STILLING BASIN(S).
7. COMPLETE FILL SLOPE, 2' LATERAL DITCH AND TOE PROTECTION.



7/19/2017



PROJECT REFERENCE NO.	SHEET NO.
1-4700	EC-27/CONST.27
RW SHEET NO.	1-4700B-37
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

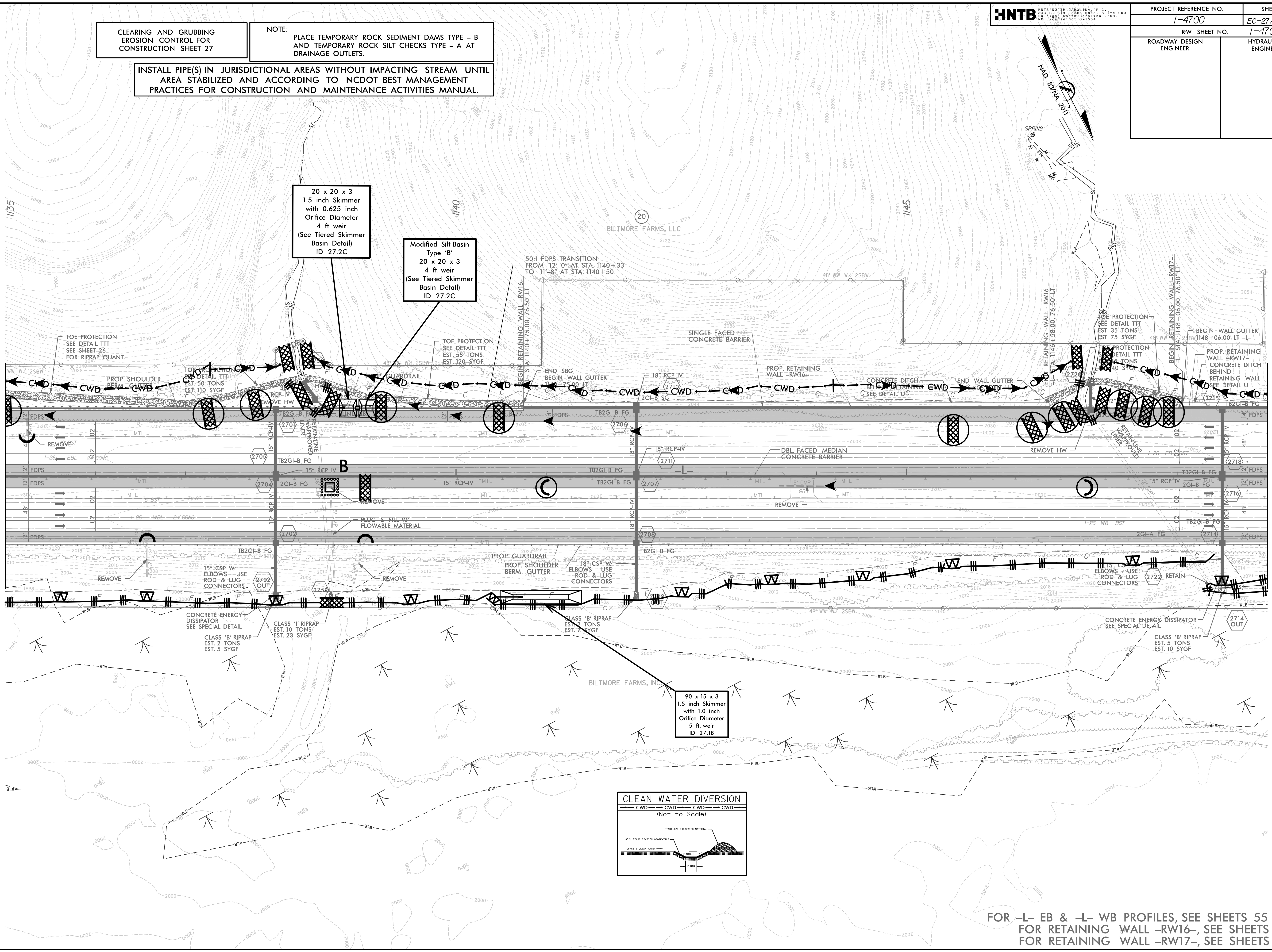
CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 27

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

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

MATCHLINE SHEET 26
-L- STA 1135 + 00.00

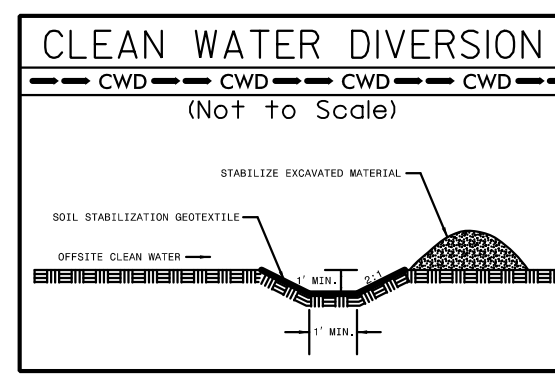
MATCHLINE SHEET 28
-L- STA 1149 + 00.00



20 x 20 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
4 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 27.2C

Modified Silt Basin
Type 'B'
20 x 20 x 3
4 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 27.2C

90 x 15 x 3
1.5 inch Skimmer
with 1.0 inch
Orifice Diameter
5 ft. weir
ID 27.1B



FOR -L- EB & -L- WB PROFILES, SEE SHEETS 55 & 56
FOR RETAINING WALL -RW16-, SEE SHEETS W-17
FOR RETAINING WALL -RW17-, SEE SHEETS W-18

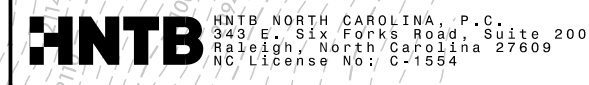
2/15/2016
27.dgn
1-4700B_EC_PSH_27.dgn

7/19/2017

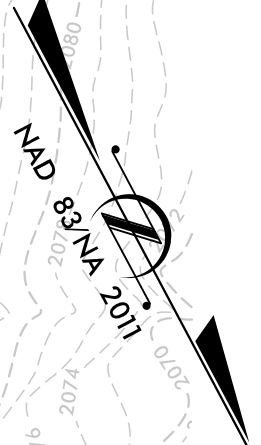
2/27/2018
I:\Design\I-4700B_EC_PSH_28.dgn

**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.

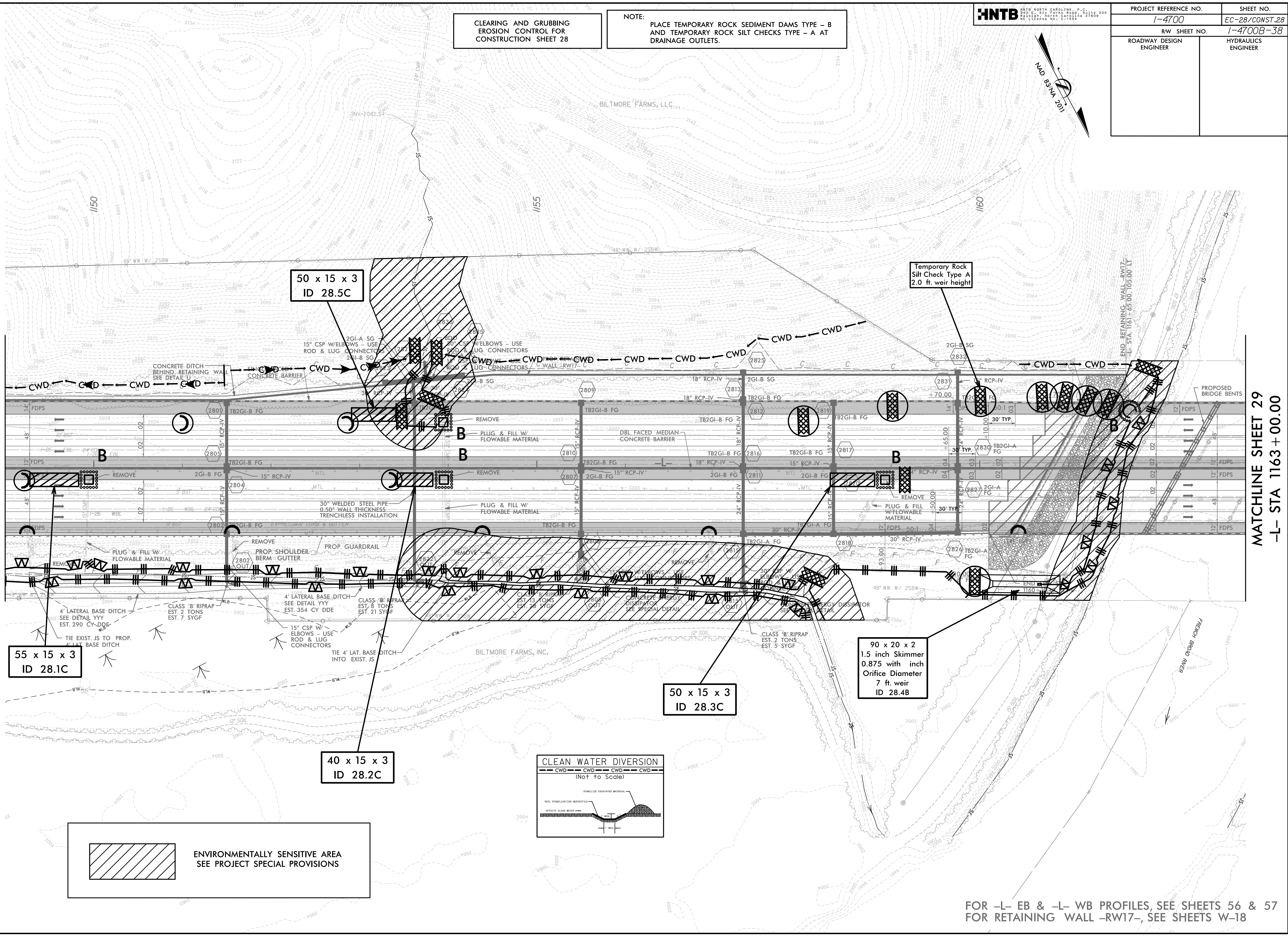


PROJECT REFERENCE NO. I-4700	SHEET NO. EC-28/CONST.28
RW SHEET NO. I-4700B-38	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCHLINE SHEET 27
-L- STA 1149 + 00.00

MATCHLINE SHEET 29
-L- STA 1163 + 00.00



FOR -L- EB & -L- WB PROFILES, SEE SHEETS 56 & 57
FOR RETAINING WALL -RW17-, SEE SHEETS W-18

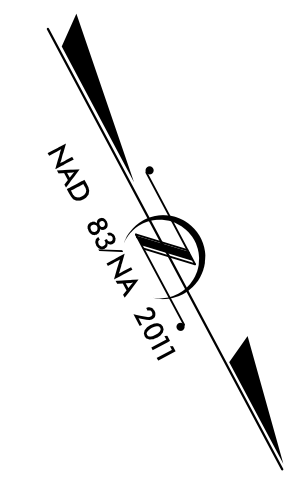
7/19/2017

HNTB
HNTB NORTH CAROLINA, P.C.
345 W. 5th Street, Suite 200
Raleigh, North Carolina 27609
NC License No. C-1354

PROJECT REFERENCE NO.	SHEET NO.
1-4700	EC-28A/CONST.28
RW SHEET NO.	1-4700B-38
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

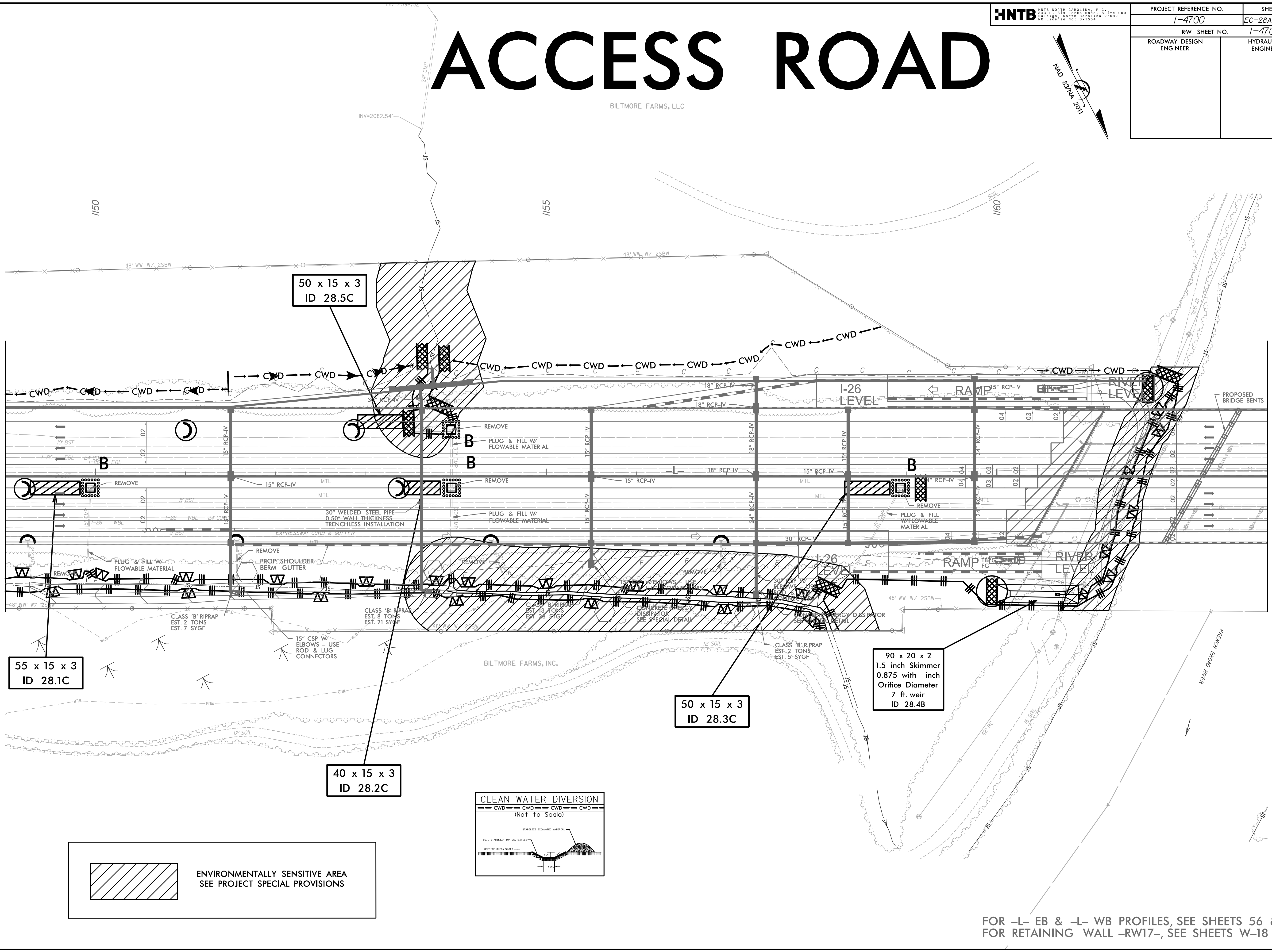
ACCESS ROAD

BILTMORE FARMS, LLC



MATCHLINE SHEET 27
-L- STA 1149 + 00.00

MATCHLINE SHEET 29
-L- STA 1163 + 00.00



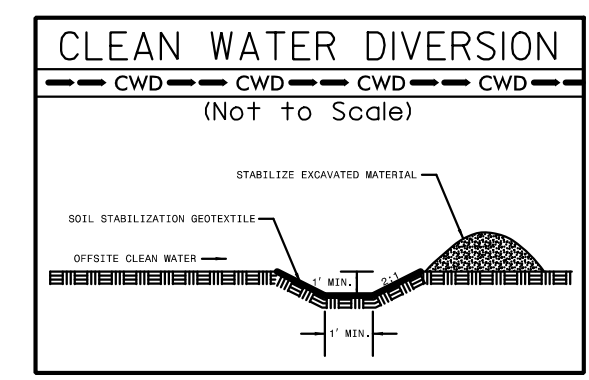
50 x 15 x 3
ID 28.5C

55 x 15 x 3
ID 28.1C

40 x 15 x 3
ID 28.2C

50 x 15 x 3
ID 28.3C

90 x 20 x 2
1.5 inch Skimmer
0.875 inch Orifice Diameter
7 ft weir
ID 28.4B

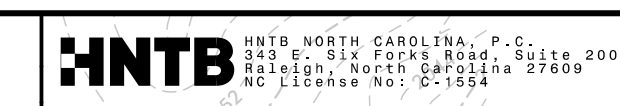


 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

FOR -L- EB & -L- WB PROFILES, SEE SHEETS 56 & 57
FOR RETAINING WALL -RW17-, SEE SHEETS W-18

2/27/2018
28A.dgn
1-4700B-EC_PSH_28A.dgn
HNTB

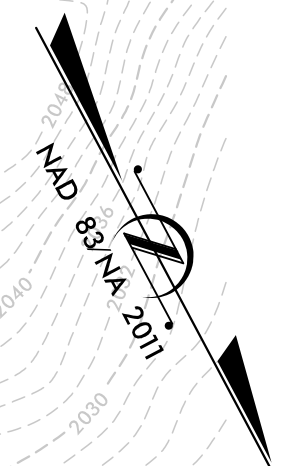
7/19/2017



PROJECT REFERENCE NO.	SHEET NO.
1-4700	EC-29/CONST.29
RW SHEET NO.	1-4700B-39
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 29

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

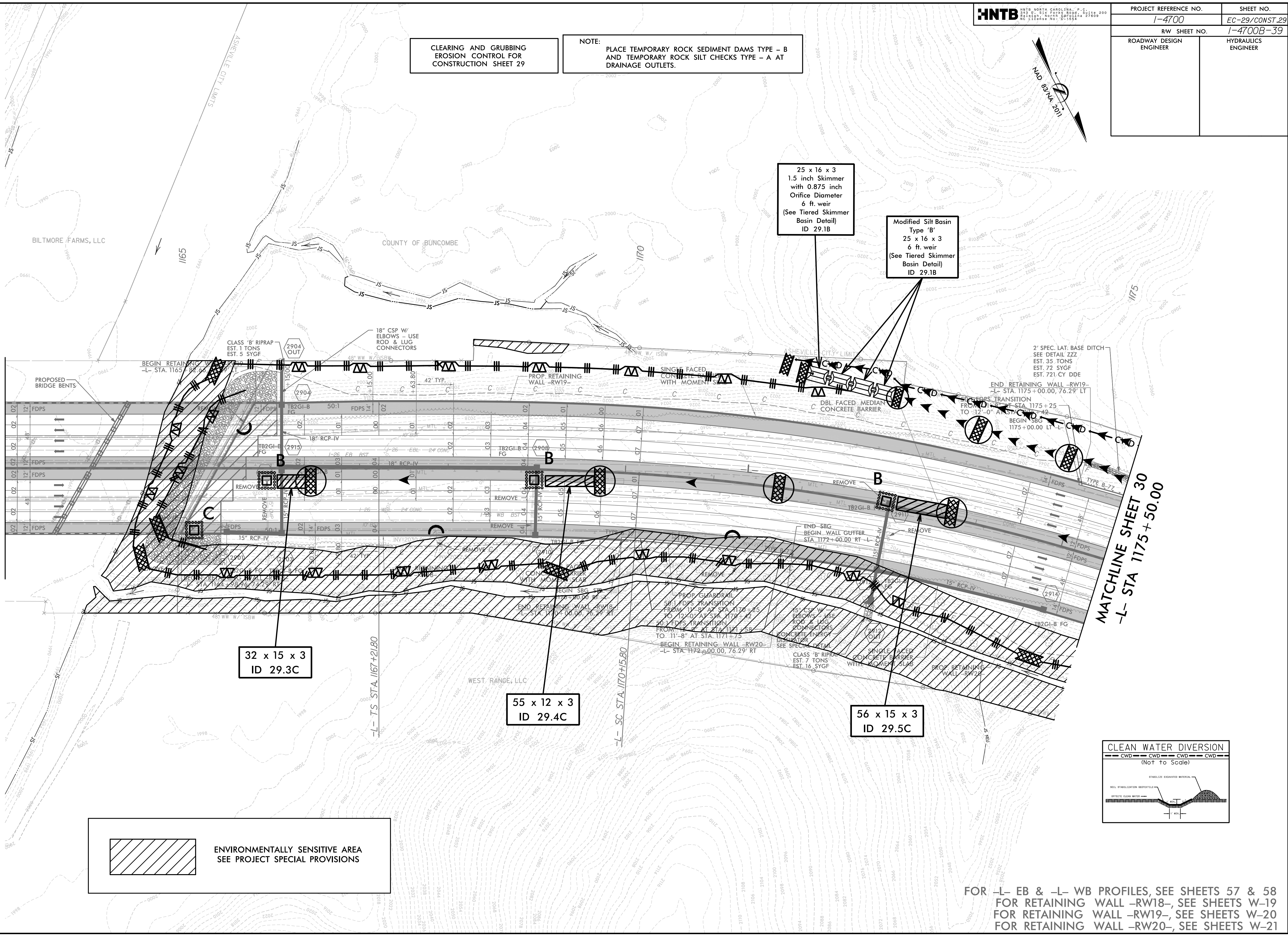


MATCHLINE SHEET 28
-L- STA 1163+00.00

MATCHLINE SHEET 30
-L- STA 1175+50.00

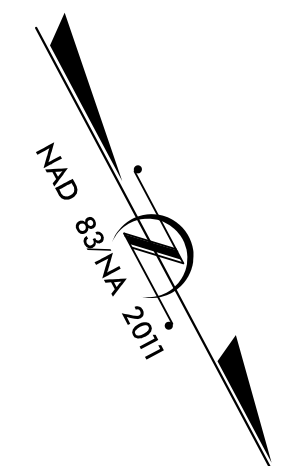
2/27/2019
C:\design\1-4700B_EC_PSH_29.dgn

HNTB



7/19/2017

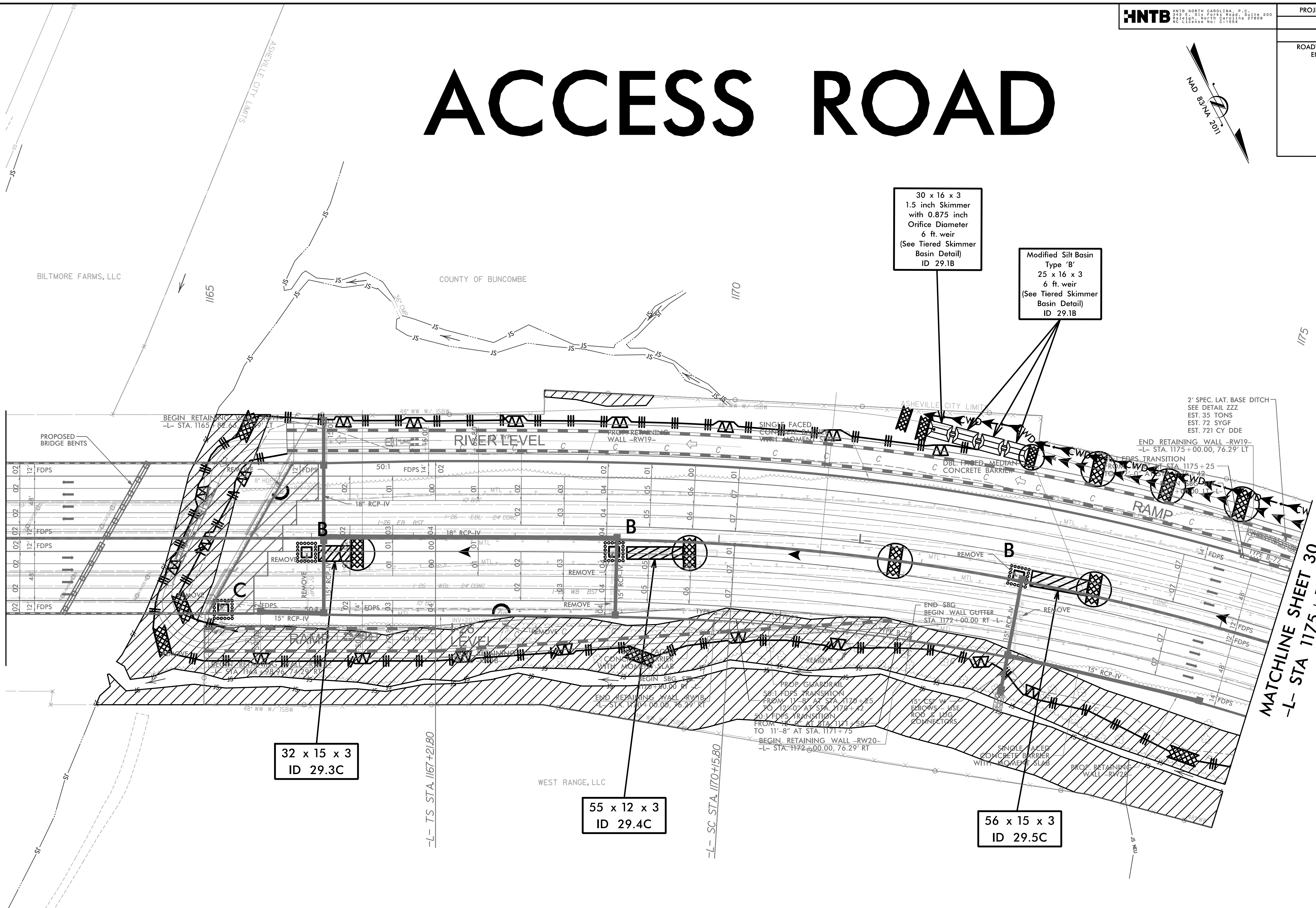
HNTB HNTB NORTH CAROLINA, P.C. 345 S. 252 PARR ROAD, SUITE 300 RALEIGH, NORTH CAROLINA 27609 NC LICENSE NO. 2-1554	PROJECT REFERENCE NO.	SHEET NO.
	1-4700	EC-29A/CONST.29
	RW SHEET NO.	1-4700B-39
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER



ACCESS ROAD

MATCHLINE SHEET 28
-L- STA 1163+00.00

MATCHLINE SHEET 30
-L- STA 1175+50.00



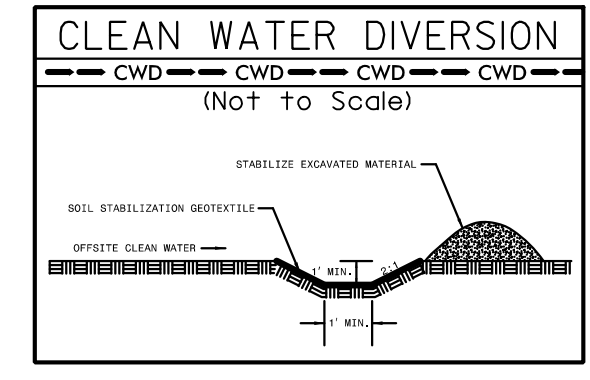
32 x 15 x 3
ID 29.3C

55 x 12 x 3
ID 29.4C

56 x 15 x 3
ID 29.5C

30 x 16 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
6 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 29.1B

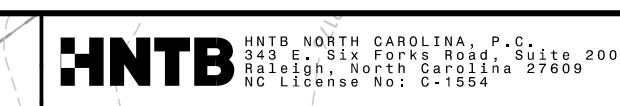
Modified Silt Basin
Type 'B'
25 x 16 x 3
6 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 29.1B



FOR -L- EB & -L- WB PROFILES, SEE SHEETS 57 & 58
FOR RETAINING WALL -RW18-, SEE SHEETS W-19
FOR RETAINING WALL -RW19-, SEE SHEETS W-20
FOR RETAINING WALL -RW20-, SEE SHEETS W-21

2/27/2018
29A.dgn
I-4700B_EC_PSH_29A.dgn
HNTB

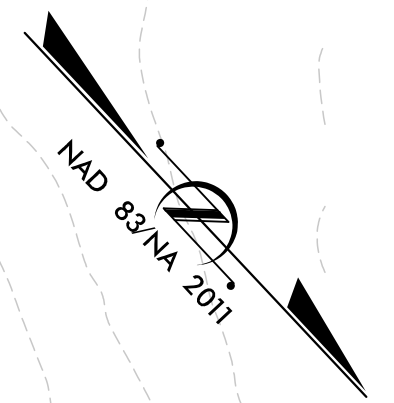
7/19/2017



PROJECT REFERENCE NO.	SHEET NO.
1-4700	EC-30/CONST.30
RW SHEET NO.	1-4700B-40
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

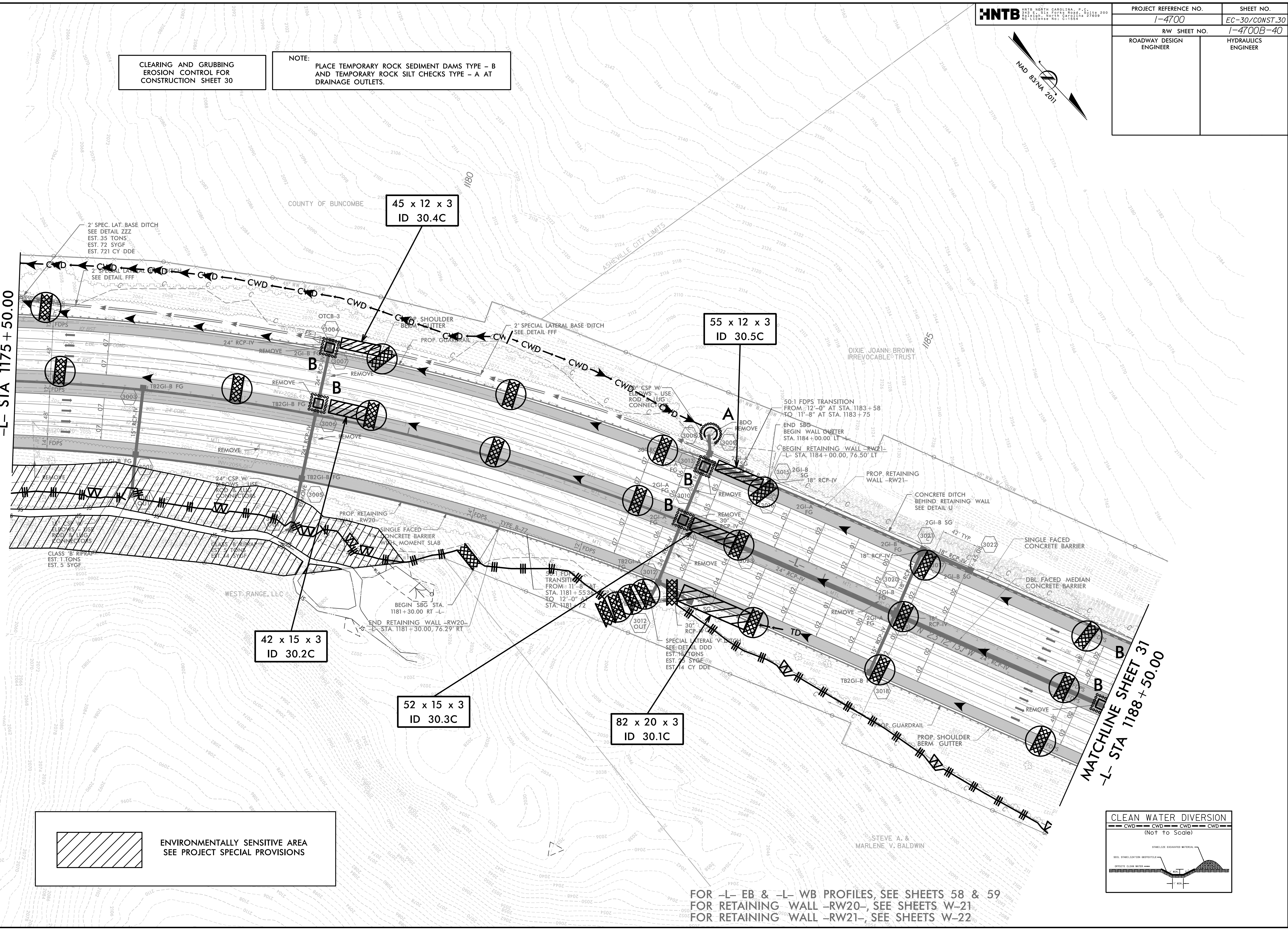
CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 30

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

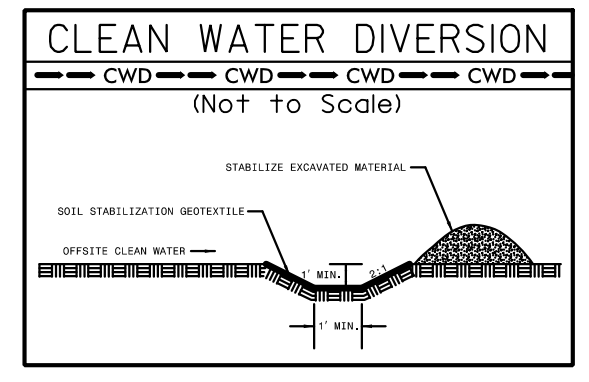


MATCHLINE SHEET 29
-L- STA 1175 + 50.00

MATCHLINE SHEET 31
-L- STA 1188 + 50.00



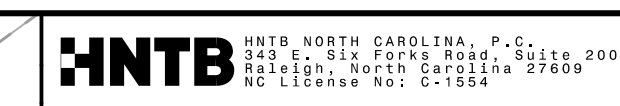
 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS



FOR -L- EB & -L- WB PROFILES, SEE SHEETS 58 & 59
FOR RETAINING WALL -RW20-, SEE SHEETS W-21
FOR RETAINING WALL -RW21-, SEE SHEETS W-22

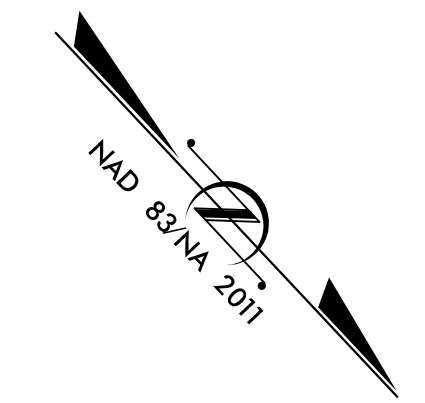
2/27/2018
1-4700B_EC_PSH_30.dgn
HNTB

7/19/2017

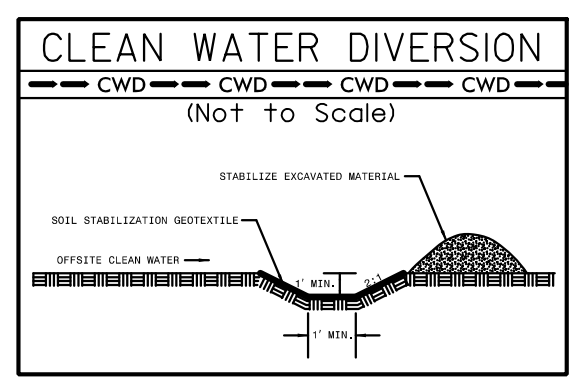
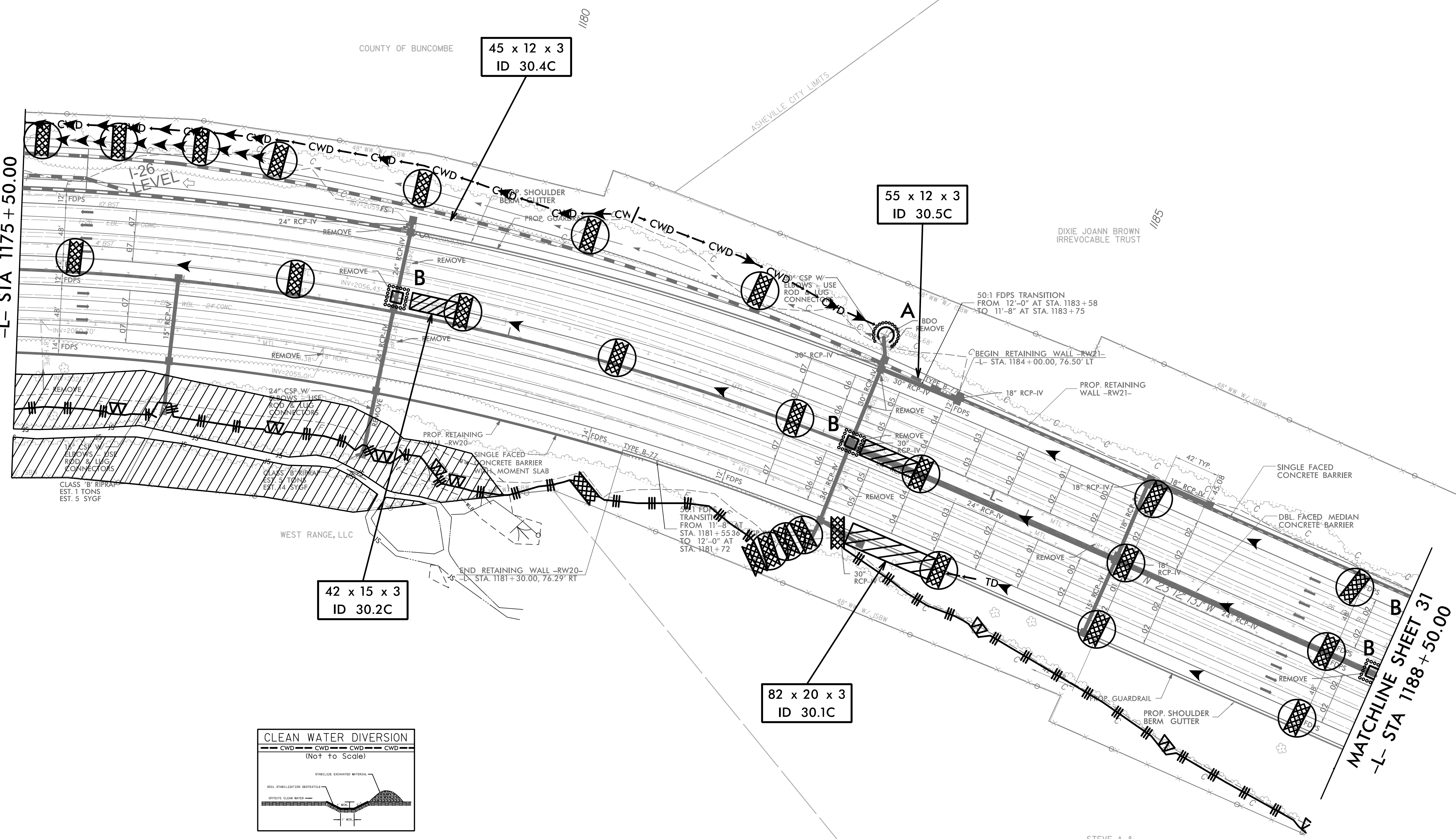


PROJECT REFERENCE NO.	SHEET NO.
1-4700	EC-30A/CONST.30
RW SHEET NO.	1-4700B-40
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

ACCESS ROAD



MATCHLINE SHEET 29
-L- STA 1175 + 50.00



FOR -L- EB & -L- WB PROFILES, SEE SHEETS 58 & 59
 FOR RETAINING WALL -RW20-, SEE SHEETS W-21
 FOR RETAINING WALL -RW21-, SEE SHEETS W-22

2/27/2018
211111.dgn
I-4700B_EC_PSH_30A.dgn
HNTB