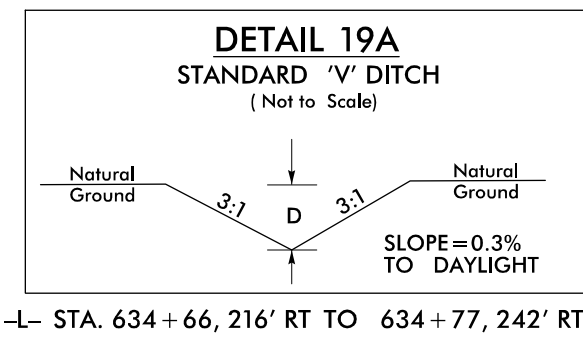


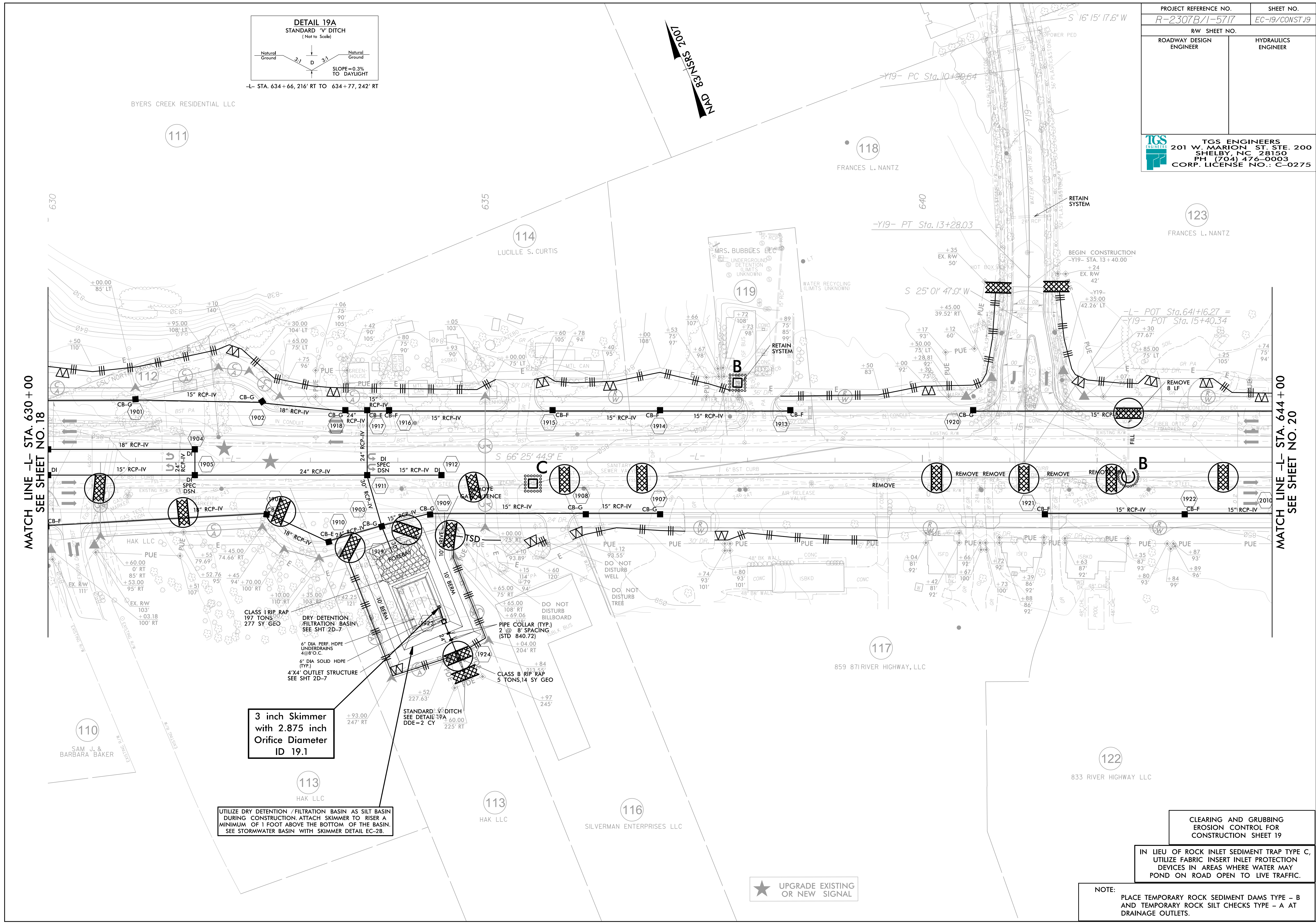
IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN AREAS WHERE WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.

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.



PROJECT REFERENCE NO. R-2307B/1-5717	SHEET NO. EC-19/CONST.19
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
TGS ENGINEERS 201 W. MARION ST. STE. 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



MATCH LINE -L- STA. 630 + 00  
SEE SHEET NO. 18

MATCH LINE -L- STA. 644 + 00  
SEE SHEET NO. 20

3 inch Skimmer  
with 2.875 inch  
Orifice Diameter  
ID 19.1

UTILIZE DRY DETENTION / FILTRATION BASIN AS SILT BASIN  
DURING CONSTRUCTION. ATTACH SKIMMER TO RISER A  
MINIMUM OF 1 FOOT ABOVE THE BOTTOM OF THE BASIN.  
SEE STORMWATER BASIN WITH SKIMMER DETAIL EC-28.

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 19

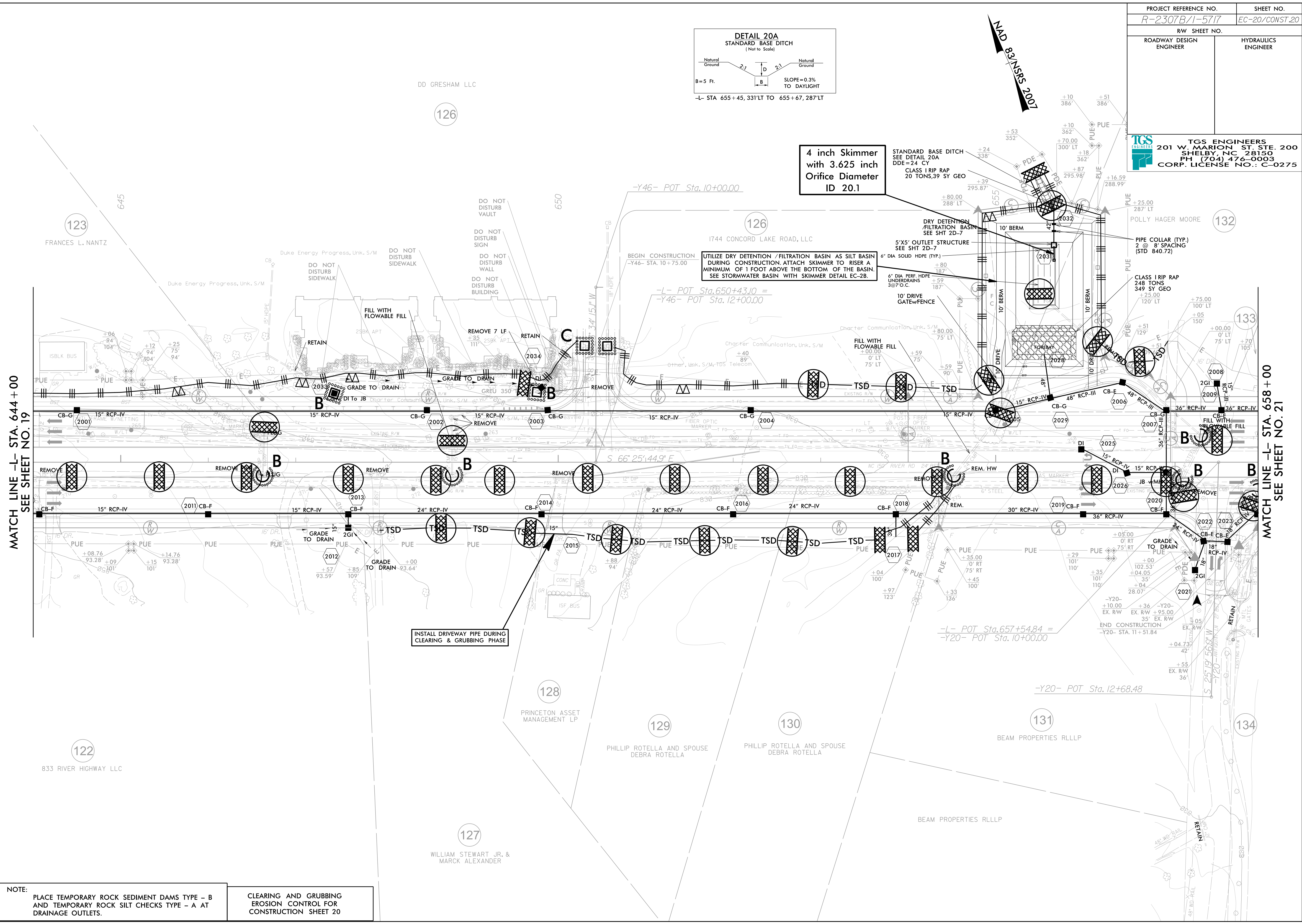
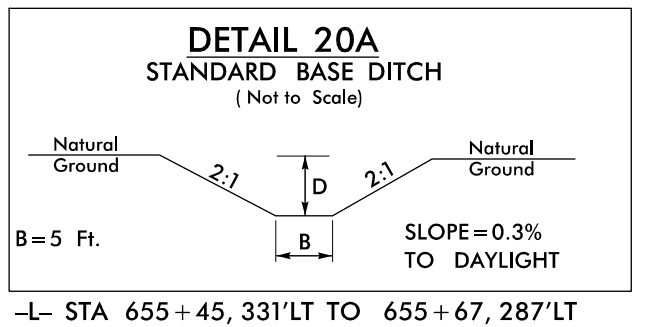
IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C,  
UTILIZE FABRIC INSERT INLET PROTECTION  
DEVICES IN AREAS WHERE WATER MAY  
POND ON ROAD OPEN TO LIVE TRAFFIC.

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

★ UPGRADE EXISTING  
OR NEW SIGNAL

PROJECT REFERENCE NO.	SHEET NO.
R-2307B/1-5717	EC-20/CONST.20
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

TGS ENGINEERS  
 201 W. MARION ST. STE. 200  
 SHELBY, NC 28150  
 PH (704) 476-0003  
 CORP. LICENSE NO.: C-0275



MATCH LINE -L- STA. 644+00  
SEE SHEET NO. 19


MATCH LINE -L- STA. 658+00  
SEE SHEET NO. 21

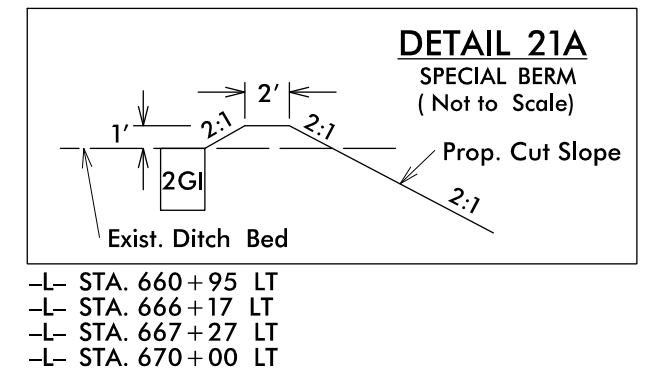
INSTALL DRIVEWAY PIPE DURING CLEARING & GRUBBING PHASE

UTILIZE DRY DETENTION / FILTRATION BASIN AS SILT BASIN DURING CONSTRUCTION. ATTACH SKIMMER TO RISER A MINIMUM OF 1 FOOT ABOVE THE BOTTOM OF THE BASIN. SEE STORMWATER BASIN WITH SKIMMER DETAIL EC-2B.

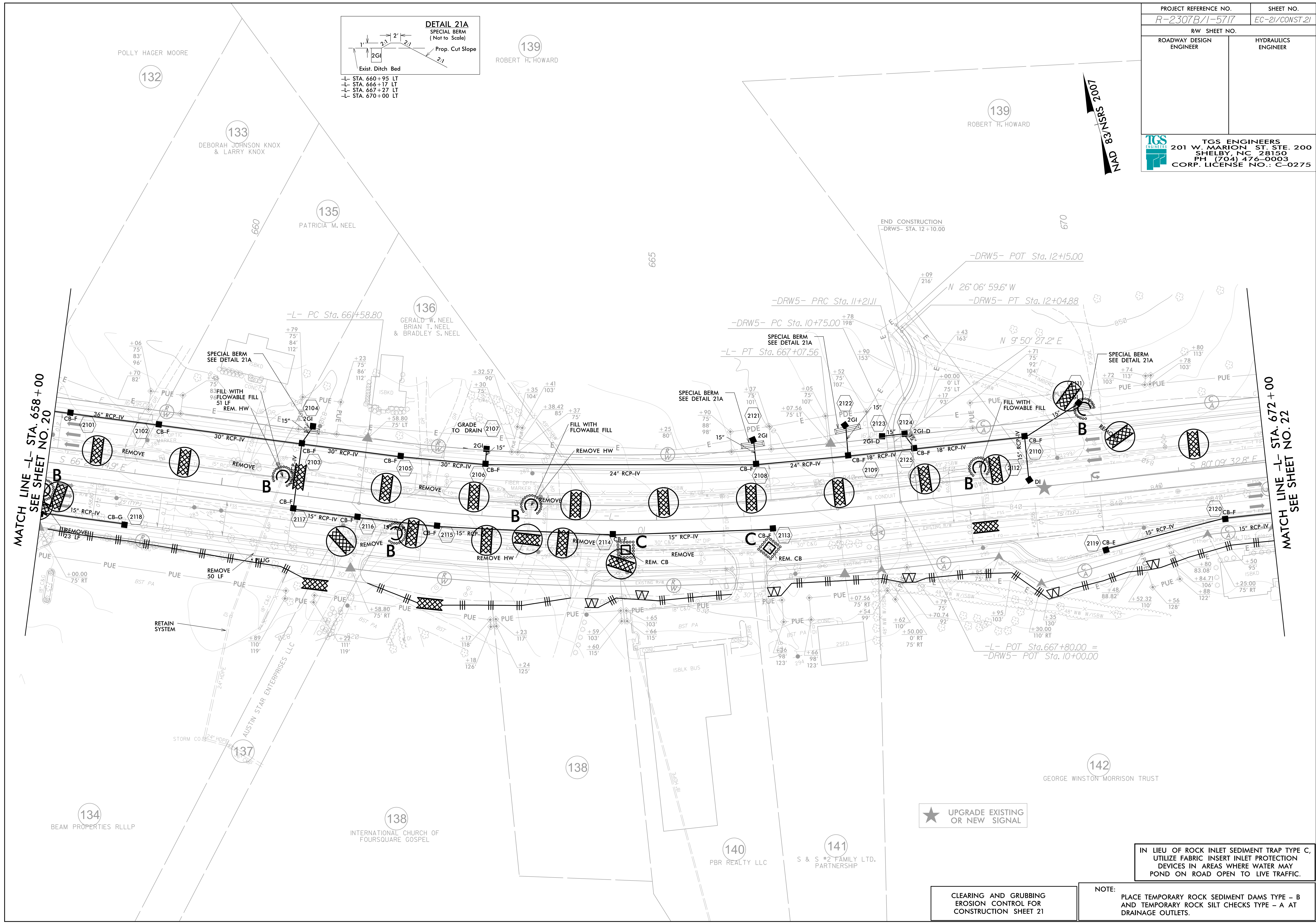
NOTE:  
 PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 20

PROJECT REFERENCE NO. R-2307B/1-5717	SHEET NO. EC-21/CONST.21
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE. 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



- L- STA. 660+95 LT
- L- STA. 666+17 LT
- L- STA. 667+27 LT
- L- STA. 670+00 LT



MATCH LINE -L- STA. 658+00  
SEE SHEET NO. 20

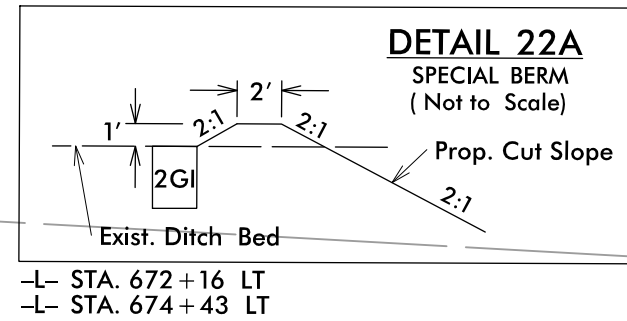
MATCH LINE -L- STA. 672+00  
SEE SHEET NO. 22

★ UPGRADE EXISTING OR NEW SIGNAL

IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN AREAS WHERE WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.

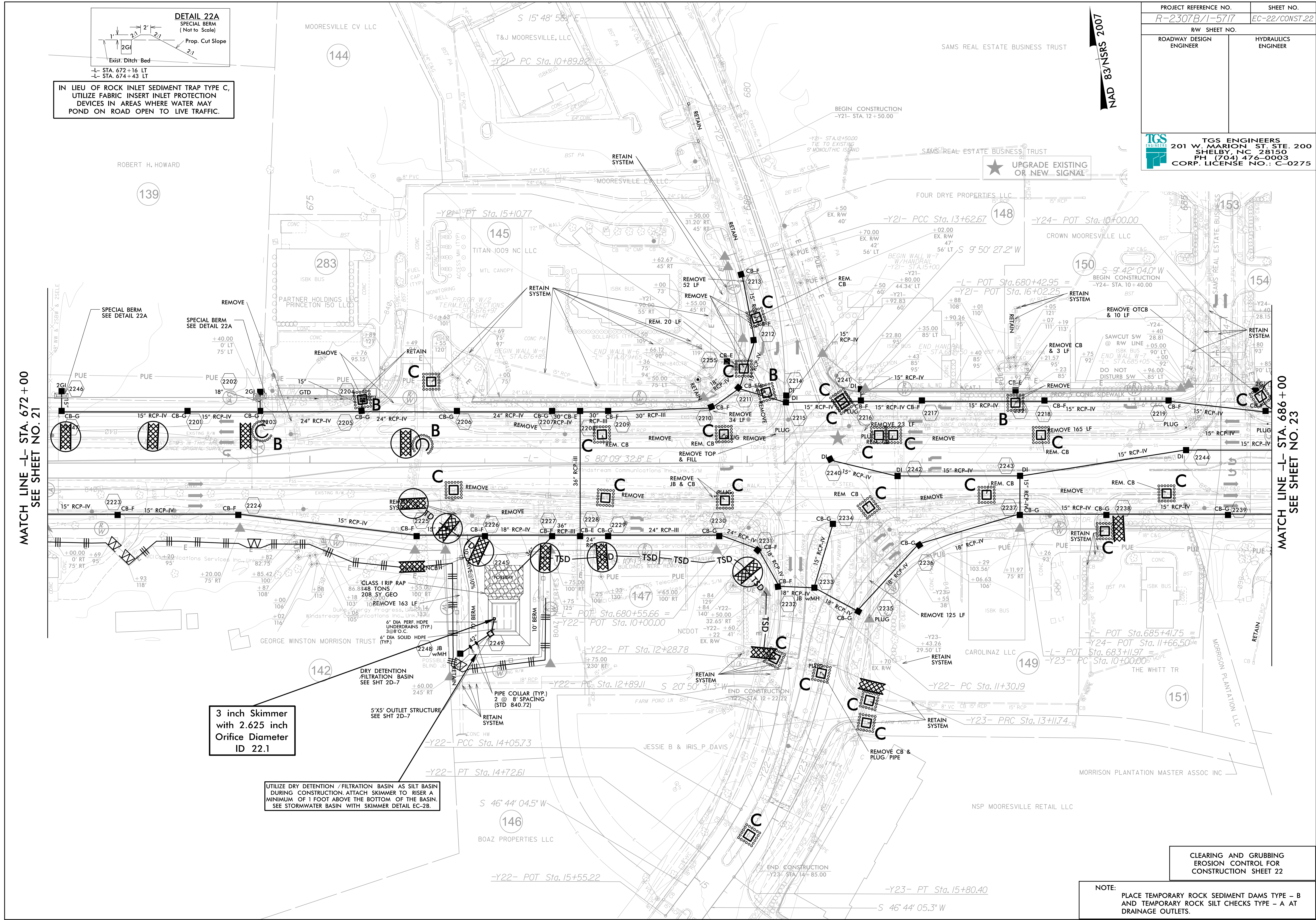
CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 21

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



IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN AREAS WHERE WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.

PROJECT REFERENCE NO. R-2307B/1-5717	SHEET NO. EC-22/CONST.22
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
TGS ENGINEERS 201 W. MARION ST. STE. 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



MATCH LINE -L- STA. 672+00  
SEE SHEET NO. 21

MATCH LINE -L- STA. 686+00  
SEE SHEET NO. 23

3 inch Skimmer with 2.625 inch Orifice Diameter ID 22.1


UTILIZE DRY DETENTION /FILTRATION BASIN AS SILT BASIN DURING CONSTRUCTION. ATTACH SKIMMER TO RISE A MINIMUM OF 1 FOOT ABOVE THE BOTTOM OF THE BASIN. SEE STORMWATER BASIN WITH SKIMMER DETAIL EC-2B.

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.

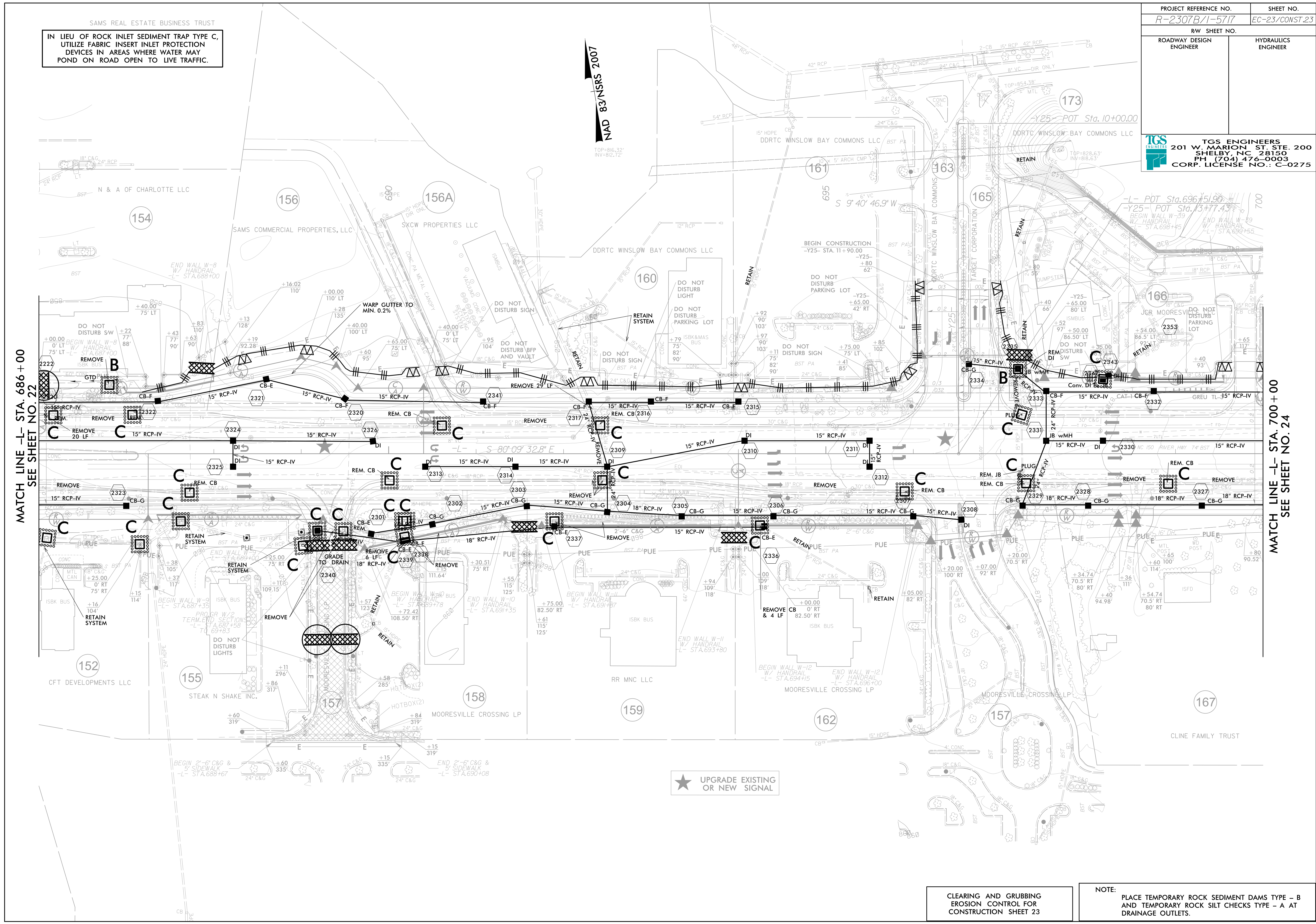
SAMS REAL ESTATE BUSINESS TRUST

IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN AREAS WHERE WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.

PROJECT REFERENCE NO. R-2307B/1-5717	SHEET NO. EC-23/CONST.23
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE. 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

MATCH LINE -L- STA. 686+00  
SEE SHEET NO. 22

MATCH LINE -L- STA. 700+00  
SEE SHEET NO. 24



★ UPGRADE EXISTING OR NEW SIGNAL

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.

NAD 83/NSRS 2007



MATCH LINE -L- STA. 700 + 00  
SEE SHEET NO. 23

MATCH LINE -L- STA. 714 + 00  
SEE SHEET NO. 25

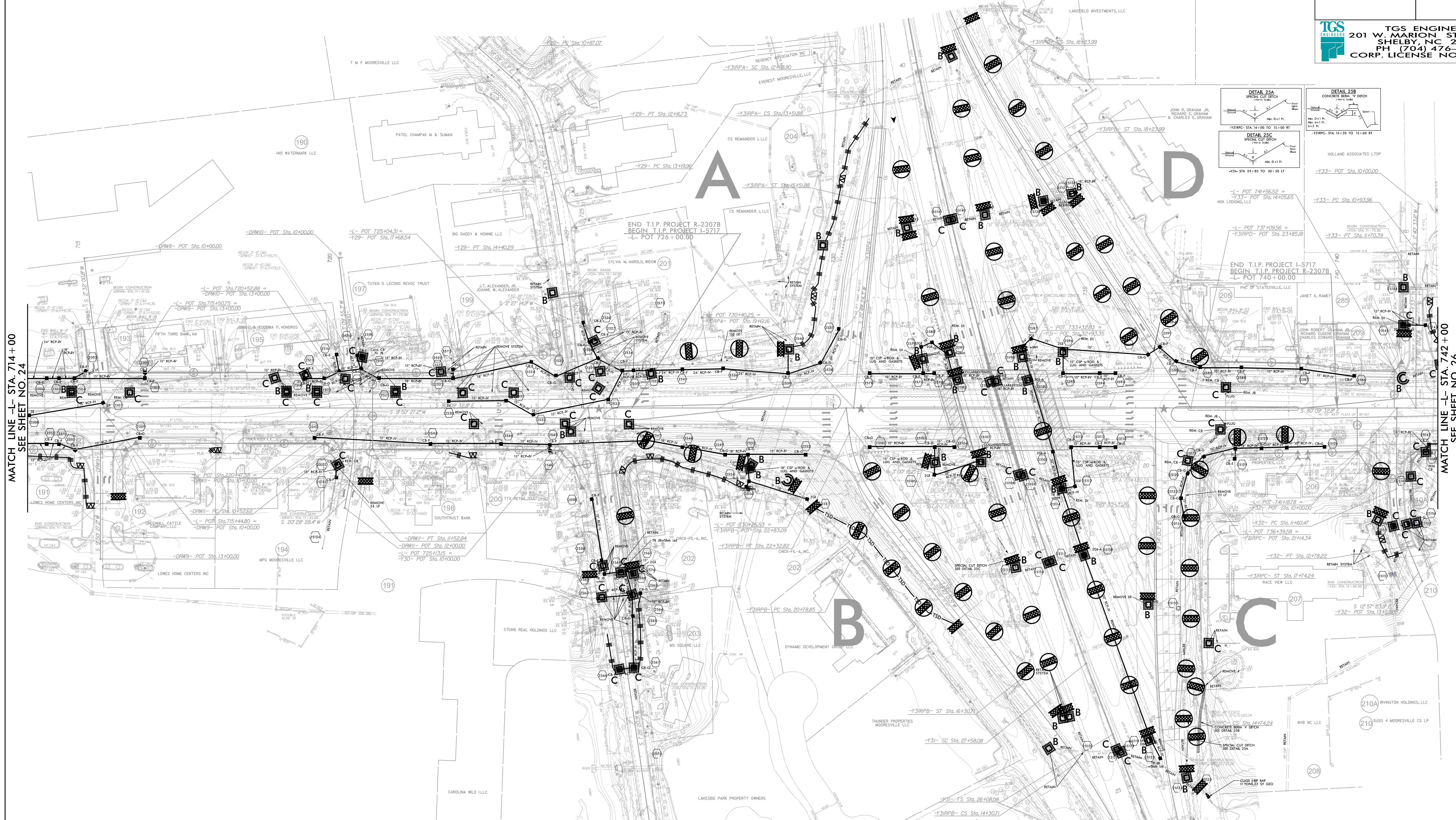
CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 24

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

IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C,  
UTILIZE FABRIC INSERT INLET PROTECTION  
DEVICES IN AREAS WHERE WATER MAY  
POND ON ROAD OPEN TO LIVE TRAFFIC.

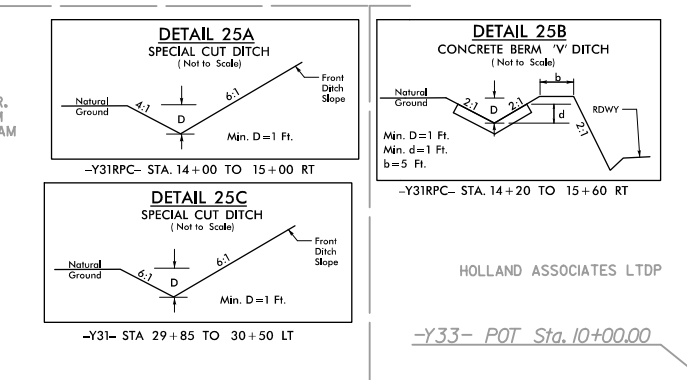
PROJECT REFERENCE NO. R-2307B/1-5717	SHEET NO. EC-25/CONST.25
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**TGS ENGINEERS**  
 201 W. MARION ST. STE. 200  
 SHELBY, NC 28150  
 PH (704) 476-0003  
 CORP. LICENSE NO.: C-0275



MATCH LINE -L- STA. 714 + 00  
SEE SHEET NO. 24

MATCH LINE -L- STA. 742 + 00  
SEE SHEET NO. 26



IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN AREAS WHERE WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.

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.

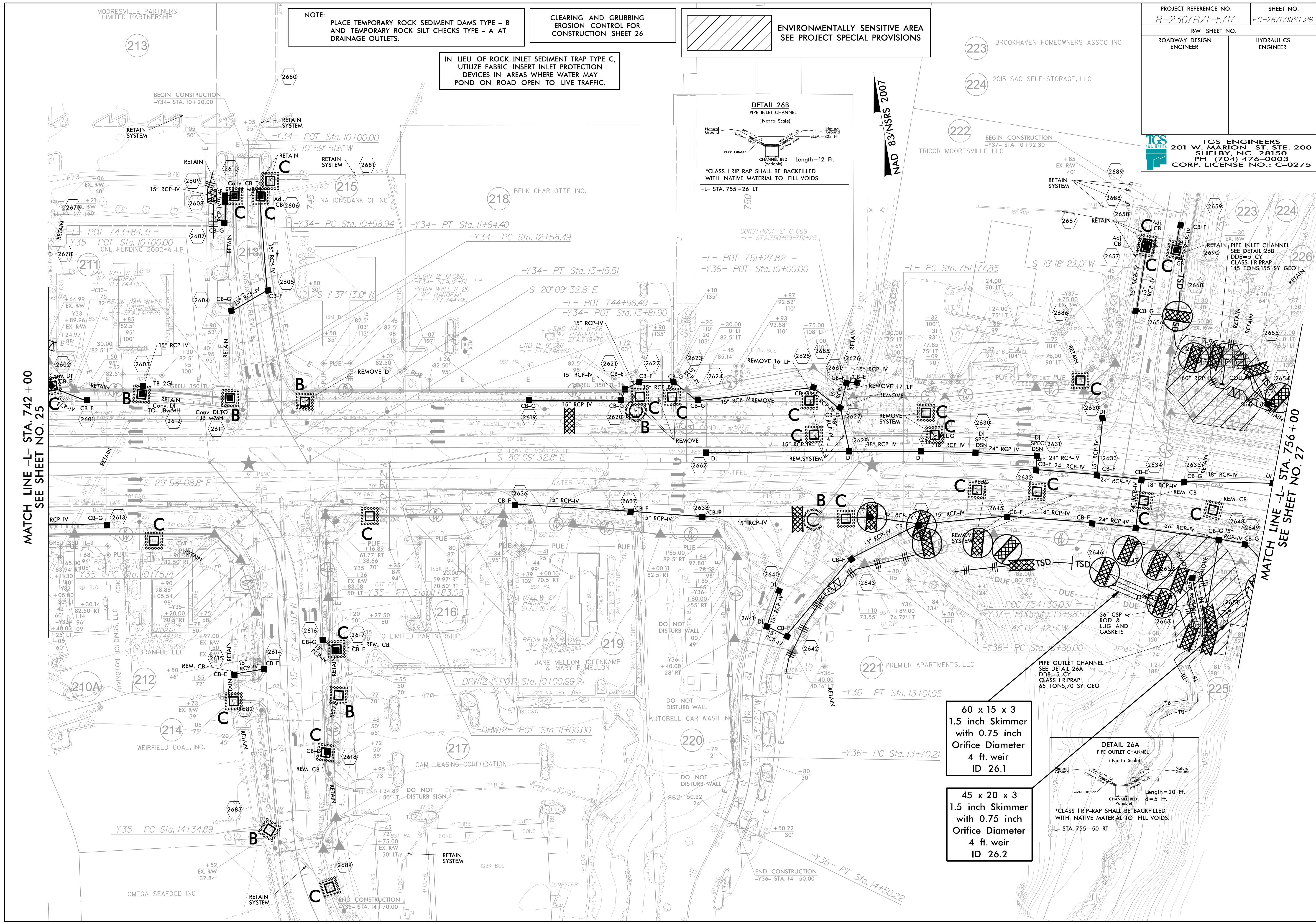


**NOTE:**  
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 26

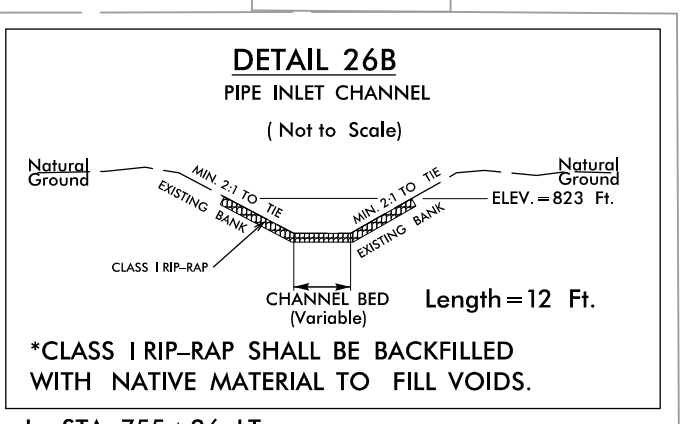
ENVIRONMENTALLY SENSITIVE AREA SEE PROJECT SPECIAL PROVISIONS

IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN AREAS WHERE WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.



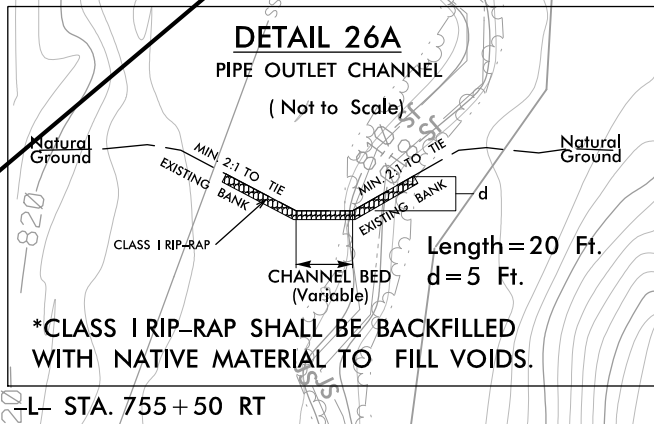
MATCH LINE -L- STA. 742 + 00  
SEE SHEET NO. 25

MATCH LINE -L- STA. 756 + 00  
SEE SHEET NO. 27



60 x 15 x 3  
1.5 inch Skimmer  
with 0.75 inch  
Orifice Diameter  
4 ft. weir  
ID 26.1

45 x 20 x 3  
1.5 inch Skimmer  
with 0.75 inch  
Orifice Diameter  
4 ft. weir  
ID 26.2



-Y35- PC Sta. 14+34.89

-Y36- PC Sta. 13+70.21

-Y36- PT Sta. 14+50.00

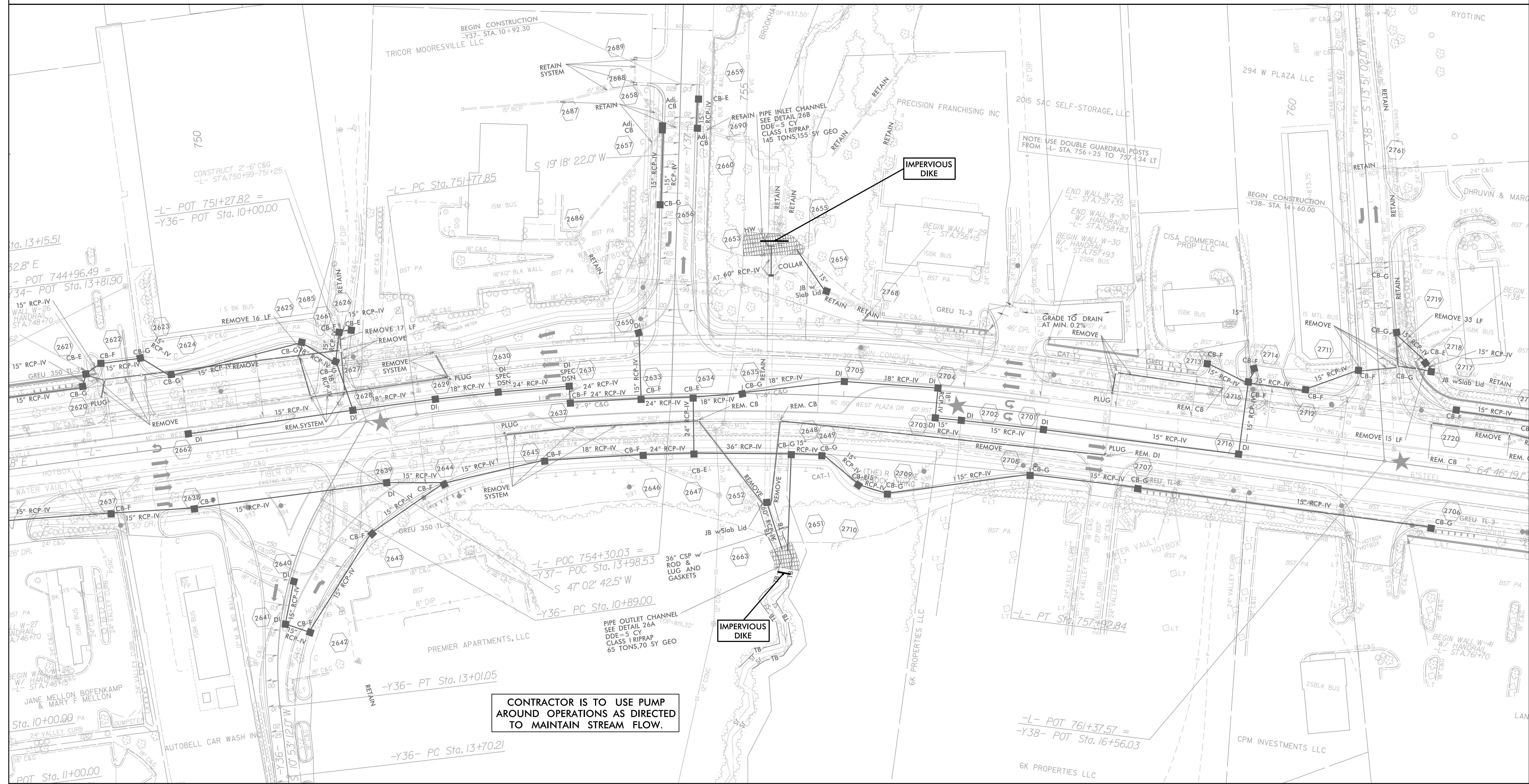
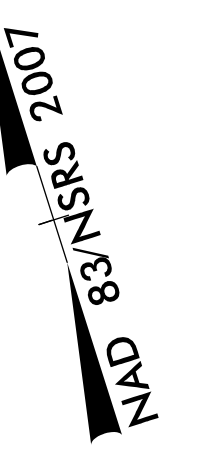
OMEGA SEAFOOD INC

END CONSTRUCTION -Y36- STA. 14+50.00


PROJECT REFERENCE NO.	SHEET NO.
R-2307B/1-5717	EC-27/CONST.26&27
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

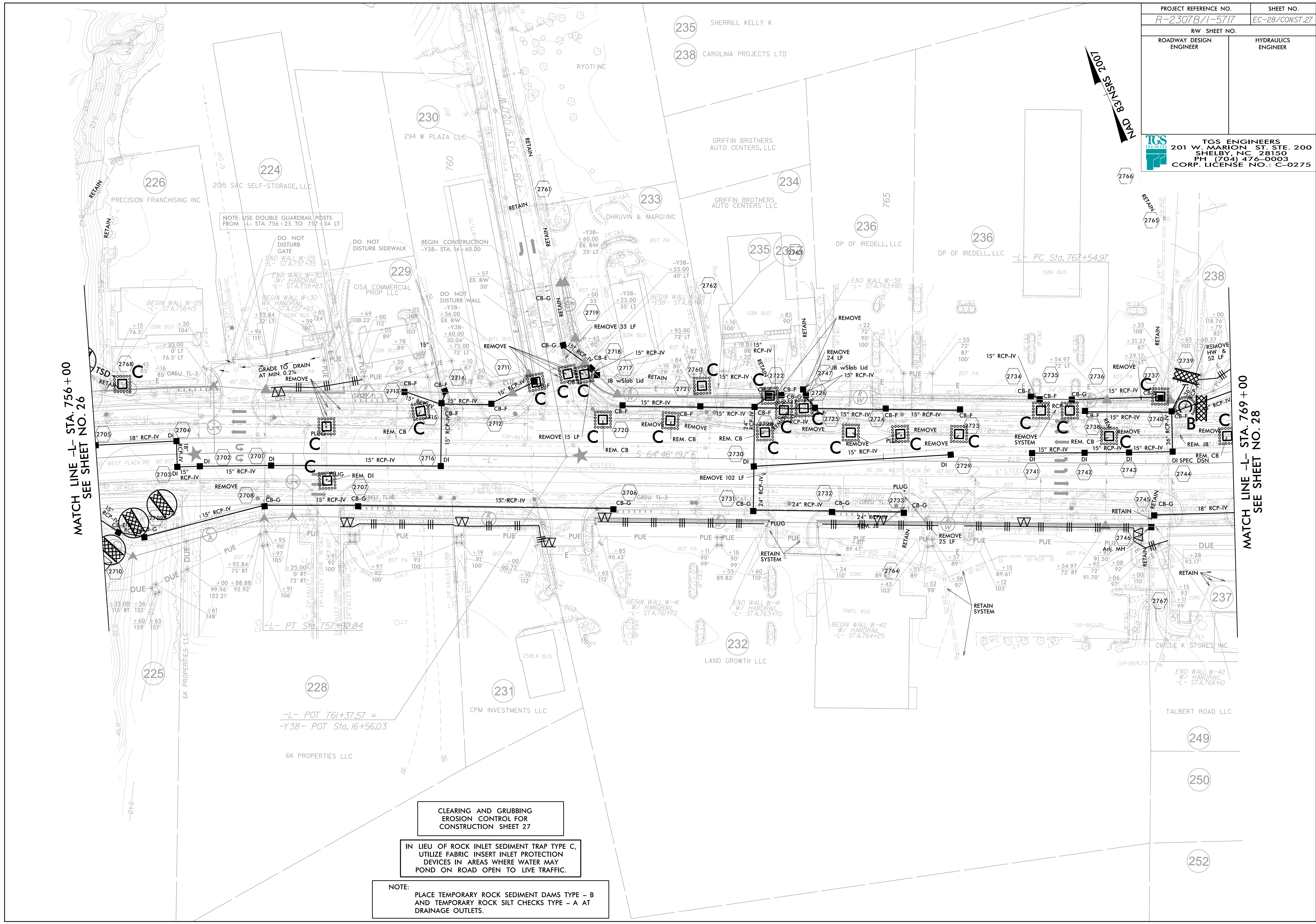
# PIPE CONSTRUCTION SEQUENCE STA. 755+26 -L-

1. INSTALL IMPERVIOUS DIKE AS SHOWN ON PLANS.
2. BEGIN PUMP AROUND OPERATION BY PUMPING THROUGH EXISTING PIPE.
3. DEWATER WORK SITE AS NEEDED INTO SPECIAL STILLING BASIN(S).
4. CONSTRUCT 60" RCP-IV PIPE EXTENSIONS.
5. UPON COMPLETION OF PIPE EXTENSIONS, REMOVE IMPERVIOUS DIKES AND REESTABLISH STREAM ACCORDING TO CONST. PLANS.



CONTRACTOR IS TO USE PUMP AROUND OPERATIONS AS DIRECTED TO MAINTAIN STREAM FLOW.

PROJECT REFERENCE NO. R-2307B/1-5717	SHEET NO. EC-28/CONST.27
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE. 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



MATCH LINE -L- STA. 756 + 00  
SEE SHEET NO. 26

MATCH LINE -L- STA. 769 + 00  
SEE SHEET NO. 28

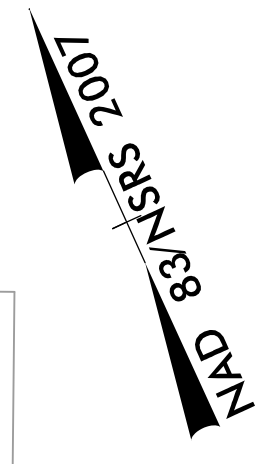
NOTE: USE DOUBLE GUARDRAIL POSTS FROM -L- STA. 756 + 25 TO 757 + 34 LT


-L- POT 761+37.57 =  
-Y38- POT Sta. 16+56.03

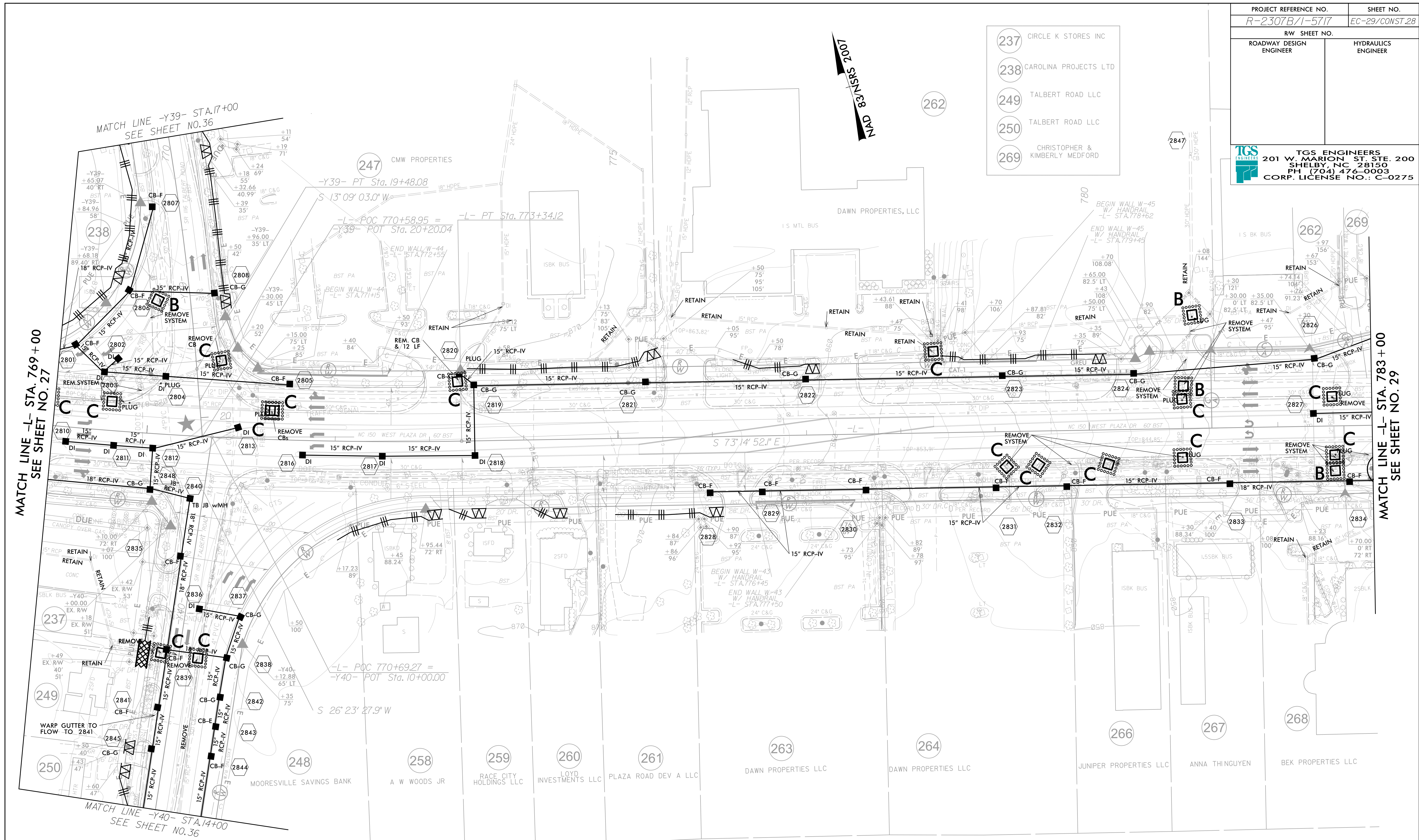
CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 27

IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C,  
UTILIZE FABRIC INSERT INLET PROTECTION  
DEVICES IN AREAS WHERE WATER MAY  
POND ON ROAD OPEN TO LIVE TRAFFIC.

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



PROJECT REFERENCE NO.	SHEET NO.
R-2307B/1-5717	EC-29/CONST.28
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE. 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



MATCH LINE -L- STA. 769 +00  
SEE SHEET NO. 27


MATCH LINE -L- STA. 783 +00  
SEE SHEET NO. 29

- 237 CIRCLE K STORES INC
- 238 CAROLINA PROJECTS LTD
- 249 TALBERT ROAD LLC
- 250 TALBERT ROAD LLC
- 269 CHRISTOPHER & KIMBERLY MEDFORD

IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C, UTILIZE FABRIC INSERT PROTECTION DEVICES IN AREAS WHERE WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 28

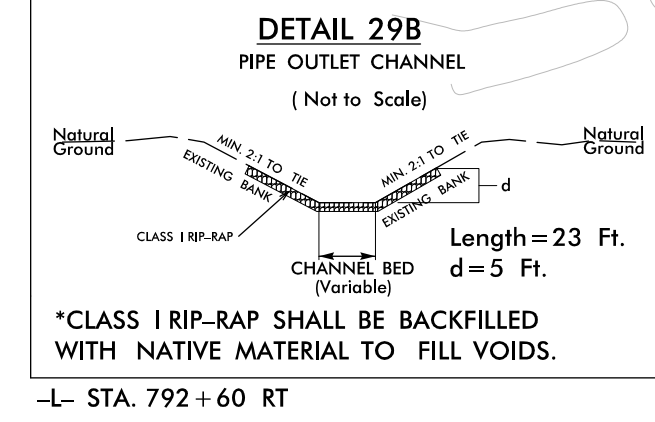
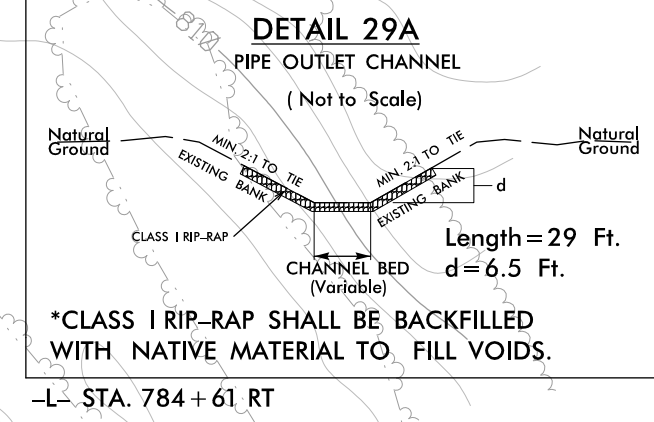
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

PROJECT REFERENCE NO. R-2307B/1-5717	SHEET NO. EC-30/CONST.29
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE. 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

MATCH LINE -L- STA. 783+00  
SEE SHEET NO. 28

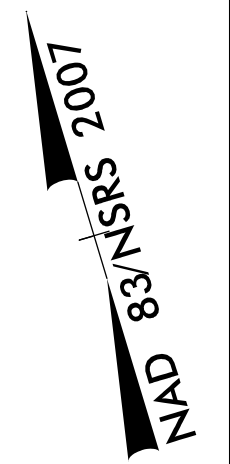
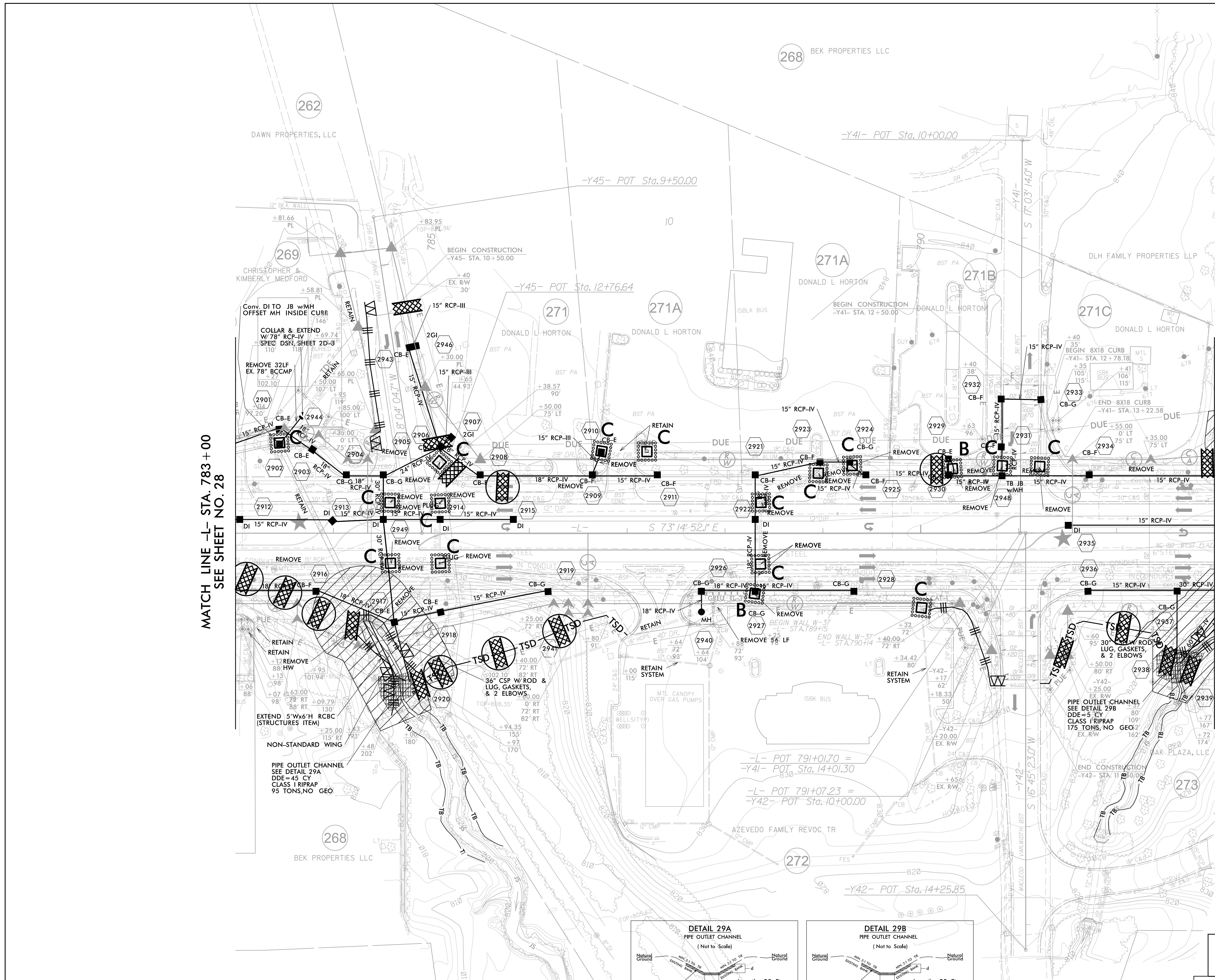
MATCH LINE -L- STA. 793+00  
SEE SHEET NO. 30

IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN AREAS WHERE WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.



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

 ENVIRONMENTALLY SENSITIVE AREA  
SEE PROJECT SPECIAL PROVISIONS



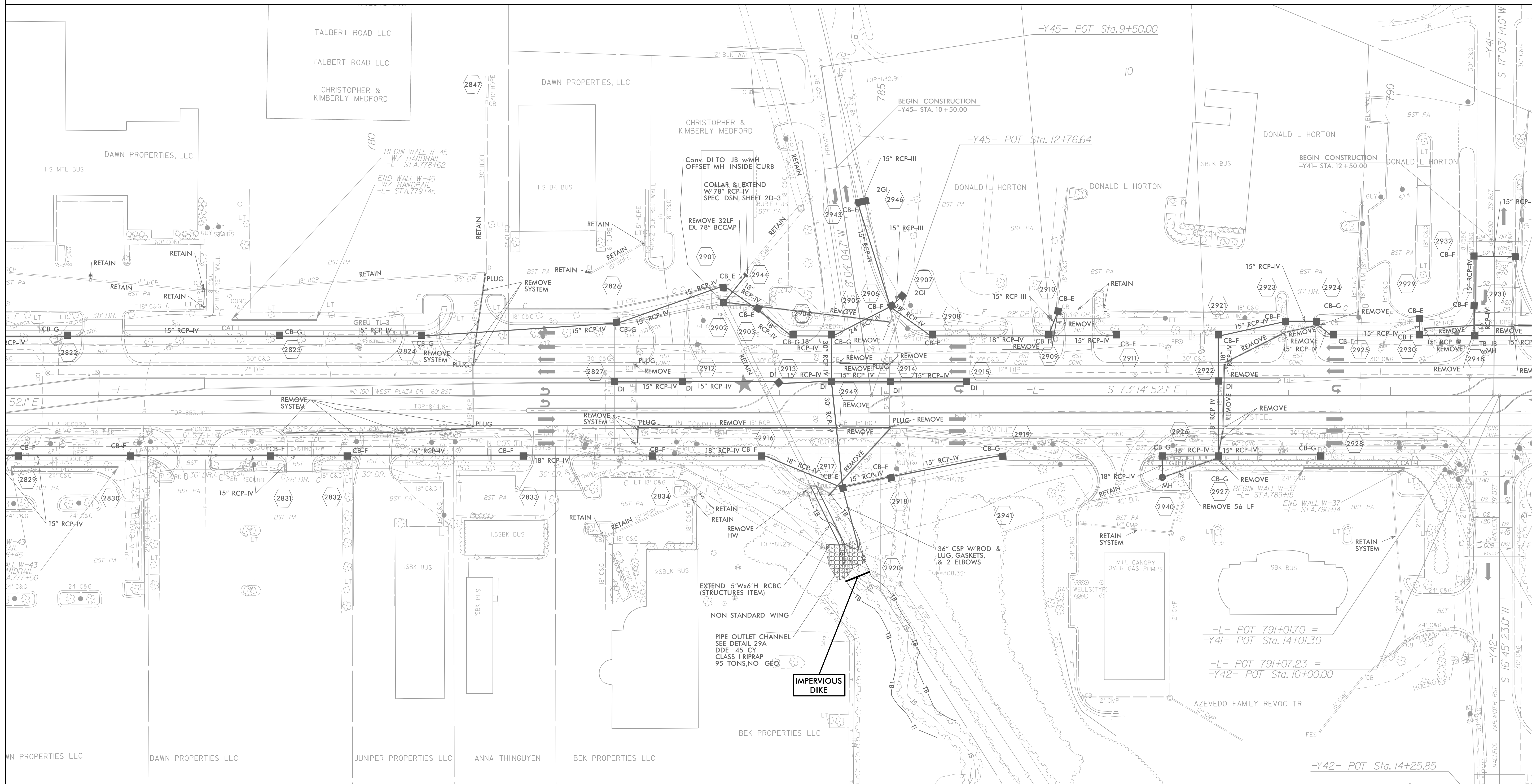
PROJECT REFERENCE NO.	SHEET NO.
R-2307B/1-5717	EC-31/CONST.28&29
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

# CULVERT EXTENSION SEQUENCE STA. 784+33 -L-

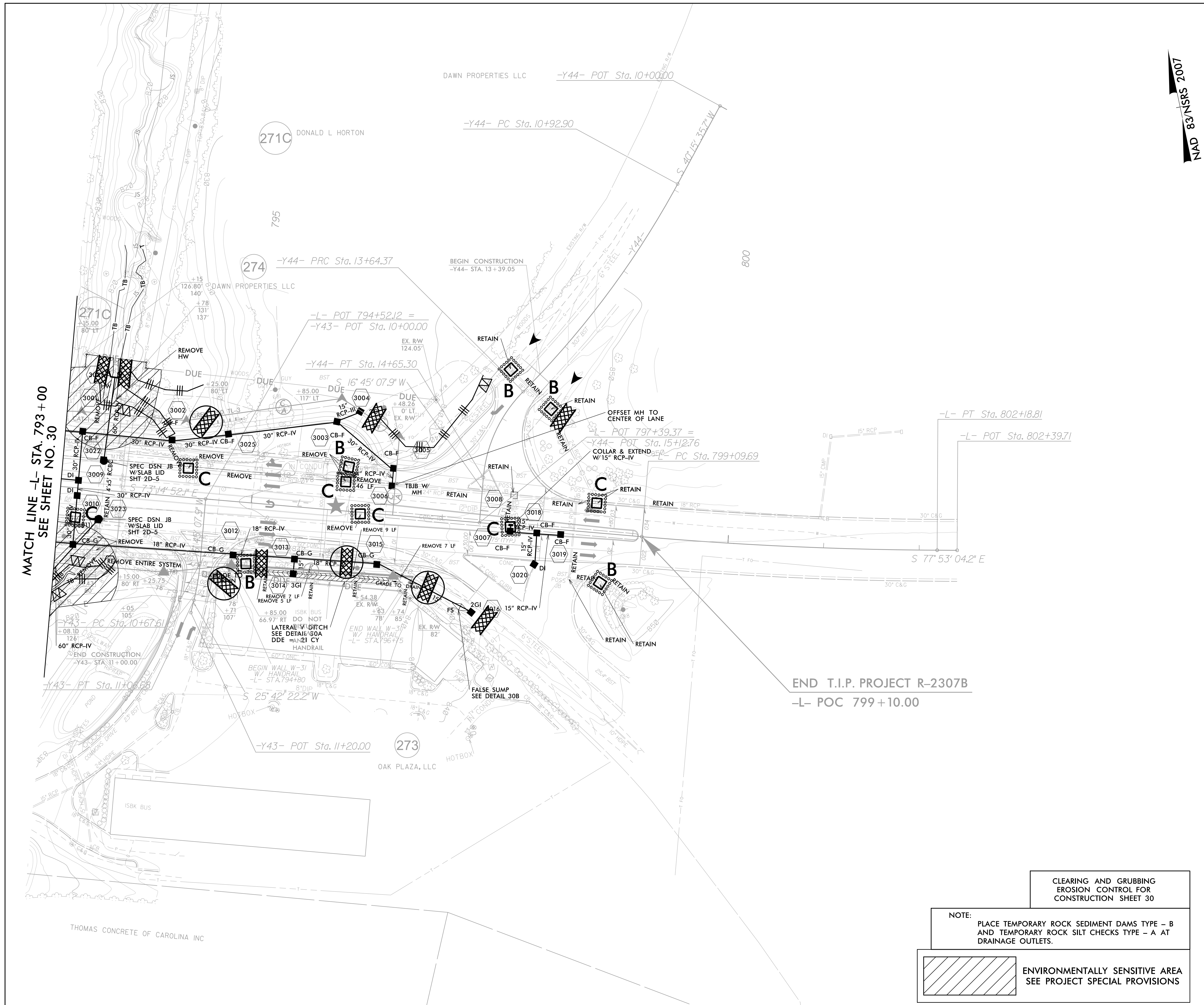
1. INSTALL IMPERVIOUS DIKE AS SHOWN ON PLANS.
2. BEGIN PUMP AROUND OPERATION BY PUMPING THROUGH EXISTING CULVERT.
3. DEWATER WORK SITE AS NEEDED INTO SPECIAL STILLING BASIN(S).
4. CONSTRUCT 5'W X 6'H RCBC EXTENSION.
5. UPON COMPLETION OF EXTENSION, REMOVE IMPERVIOUS DIKE AND REESTABLISH STREAM ACCORDING TO CONST. PLANS.

CONTRACTOR IS TO USE PUMP AROUND OPERATIONS AS DIRECTED TO MAINTAIN STREAM FLOW.

NAD 83 SYSTEM 2007



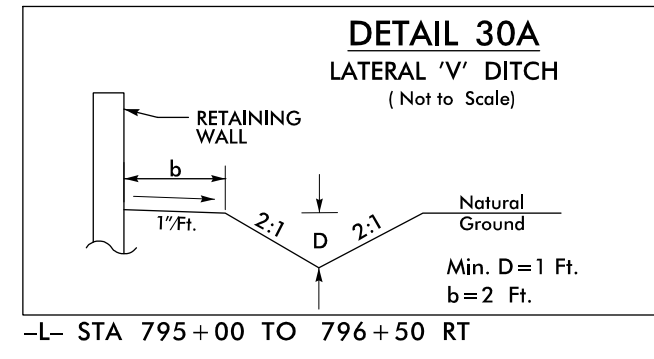
NAD 83 NSRS 2007



MATCH LINE -L- STA. 793 +00  
SEE SHEET NO. 30

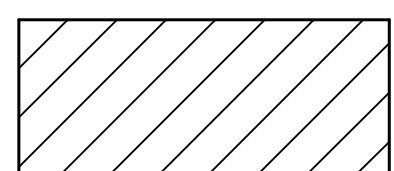
END T.I.P. PROJECT R-2307B  
-L- POC 799 +10.00

IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN AREAS WHERE WATER MAY POND ON ROAD OPEN TO LIVE TRAFFIC.

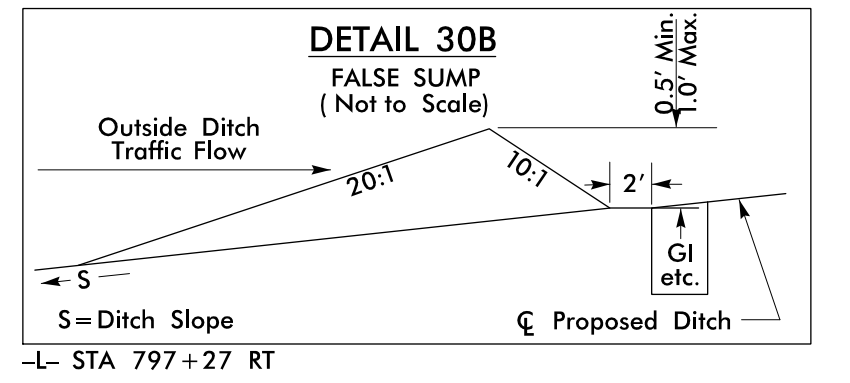


CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 30

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



ENVIRONMENTALLY SENSITIVE AREA  
SEE PROJECT SPECIAL PROVISIONS



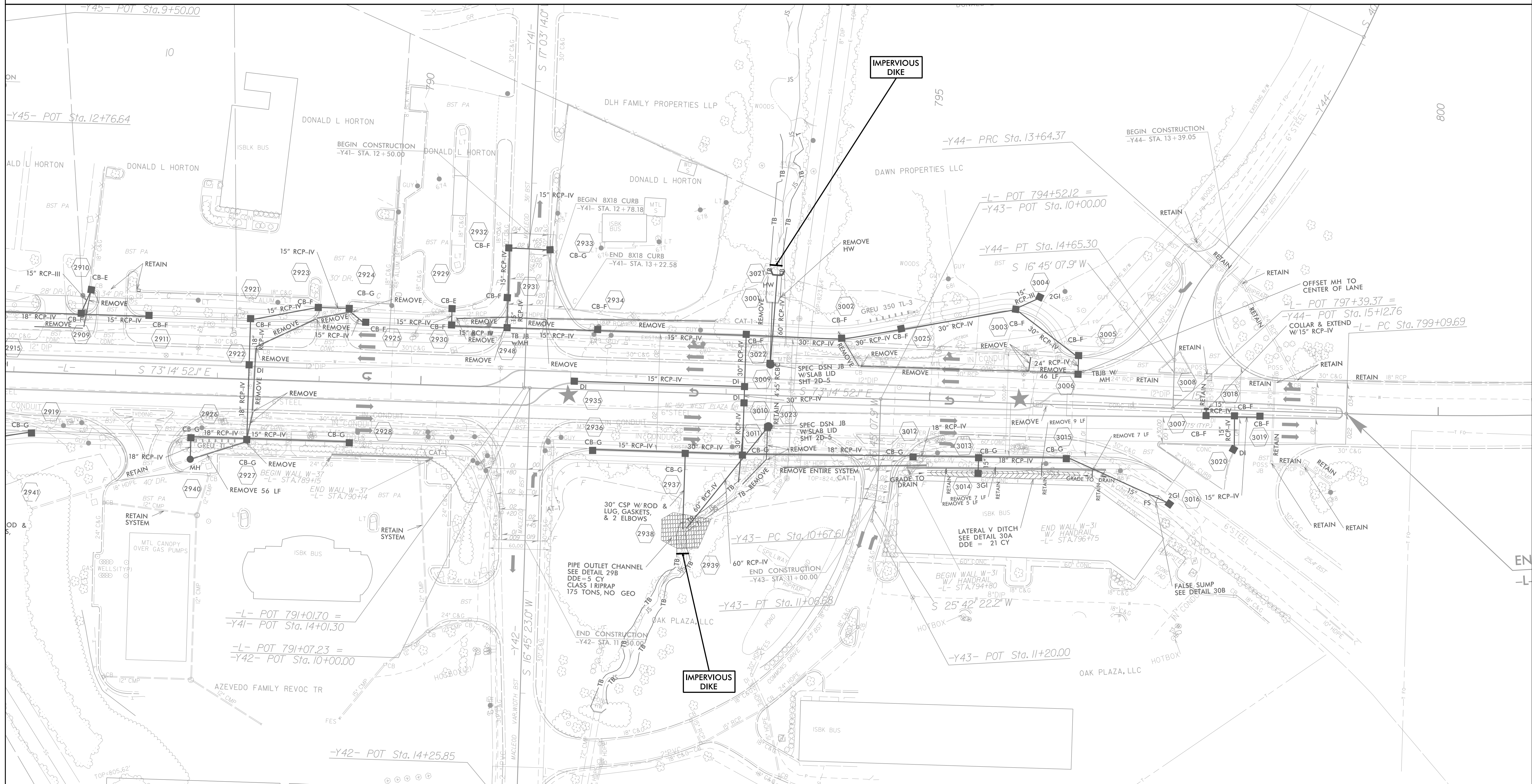
PROJECT REFERENCE NO.	SHEET NO.
R-2307B/1-5717	EC-33/CONST.29&30
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

# PIPE CONSTRUCTION SEQUENCE STA. 793+42 -L-


1. INSTALL IMPERVIOUS DIKES AS SHOWN ON PLANS.
2. BEGIN PUMP AROUND OPERATION BY PUMPING THROUGH EXISTING CULVERT.
3. DEWATER WORK SITE AS NEEDED INTO SPECIAL STILLING BASIN(S).
4. CONSTRUCT 60" RCP-IV PIPE EXTENSIONS.
5. UPON COMPLETION OF PIPE EXTENSIONS, REMOVE IMPERVIOUS DIKES AND REESTABLISH STREAM ACCORDING TO CONST. PLANS.

CONTRACTOR IS TO USE PUMP AROUND OPERATIONS AS DIRECTED TO MAINTAIN STREAM FLOW.

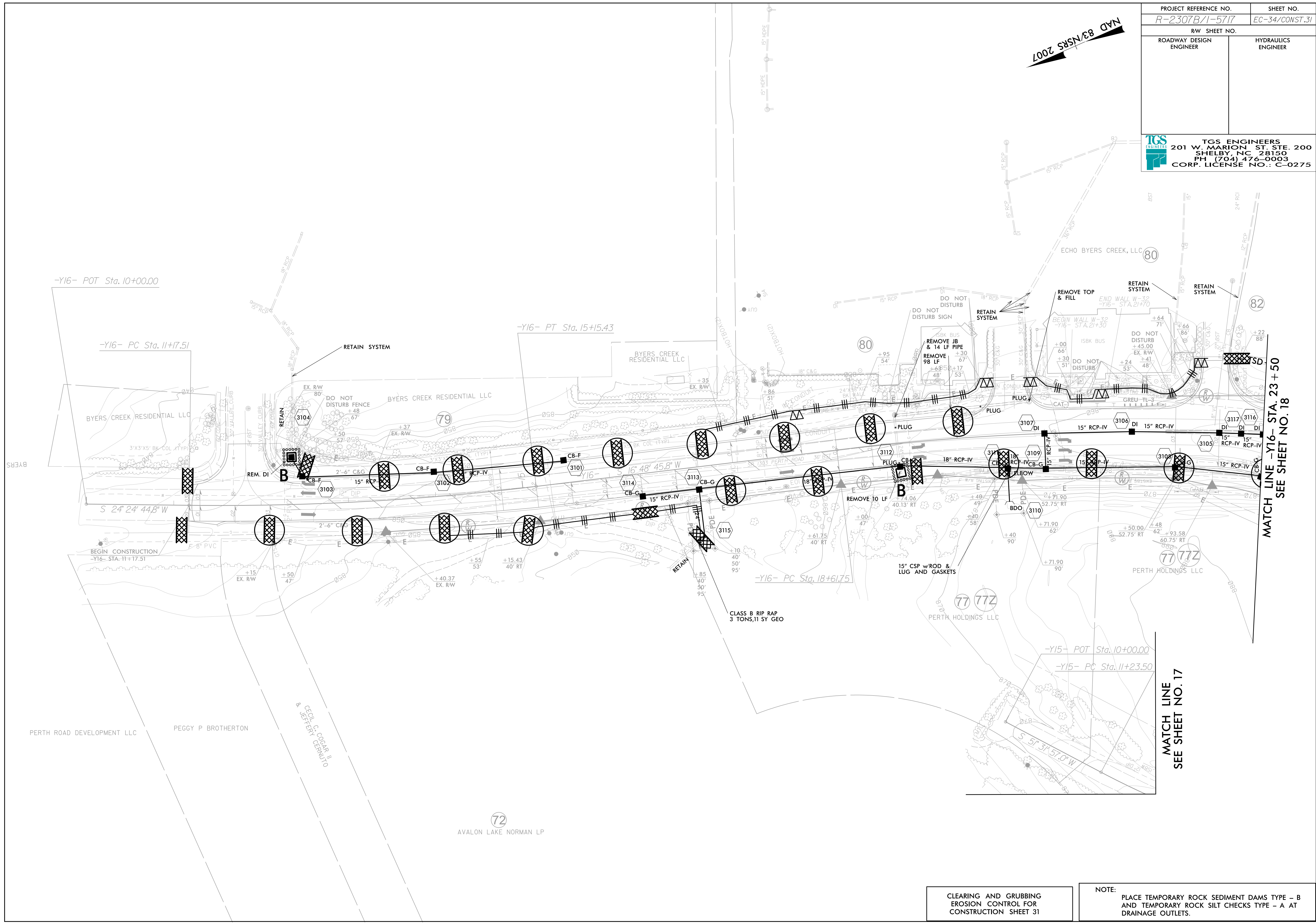
2007 S/S/S/83/240





PROJECT REFERENCE NO. R-2307B/1-5717	SHEET NO. EC-34/CONST.31
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE. 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

**NAD 83/NRS 2007**



-Y16- POT Sta. 10+00.00

-Y16- PC Sta. 11+17.51

-Y16- PT Sta. 15+15.43

-Y16- PC Sta. 18+61.75

-Y15- POT Sta. 10+00.00

-Y15- PC Sta. 11+23.50

MATCH LINE -Y16- STA. 23+50  
SEE SHEET NO. 18

MATCH LINE  
SEE SHEET NO. 17

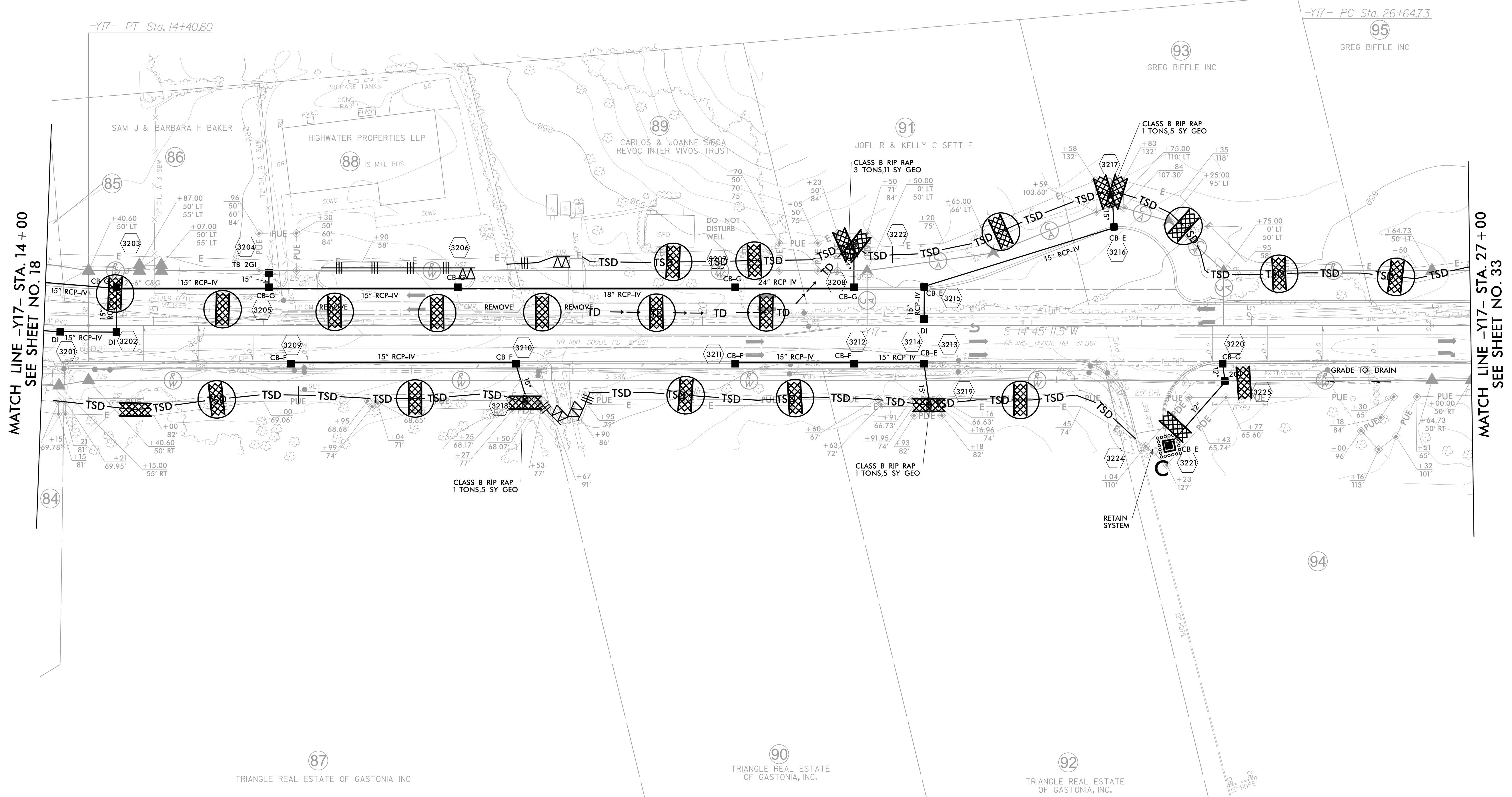
CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 31

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

PROJECT REFERENCE NO. R-2307B/1-5717	SHEET NO. EC-35/CONST.32
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NAD 83/NSRS 2007

TGS ENGINEERS  
201 W. MARION ST. STE. 200  
SHELBY, NC 28150  
PH (704) 476-0003  
CORP. LICENSE NO.: C-0275




MATCH LINE -Y17- STA. 14+00  
SEE SHEET NO. 18

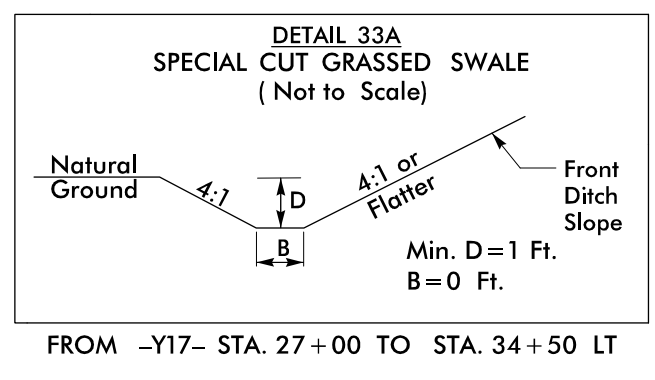
MATCH LINE -Y17- STA. 27+00  
SEE SHEET NO. 33

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 32

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

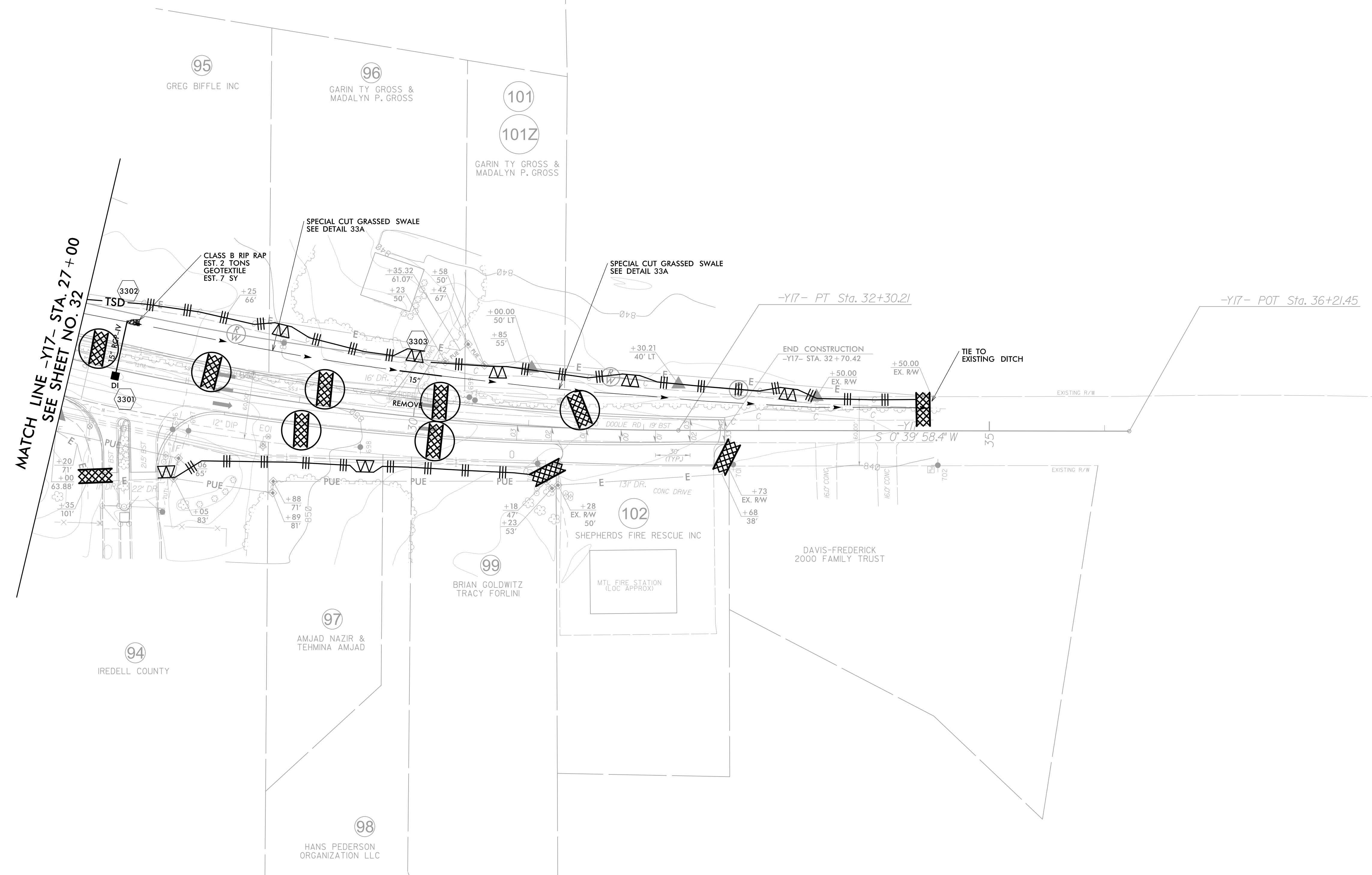
IREDELL COUNTY

PROJECT REFERENCE NO. <i>R-2307B/1-5717</i>	SHEET NO. <i>EC-36/CONST.33</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE. 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



NAD 83/NSRS 2007


103  
FRANCES L NANTZ HEIRS



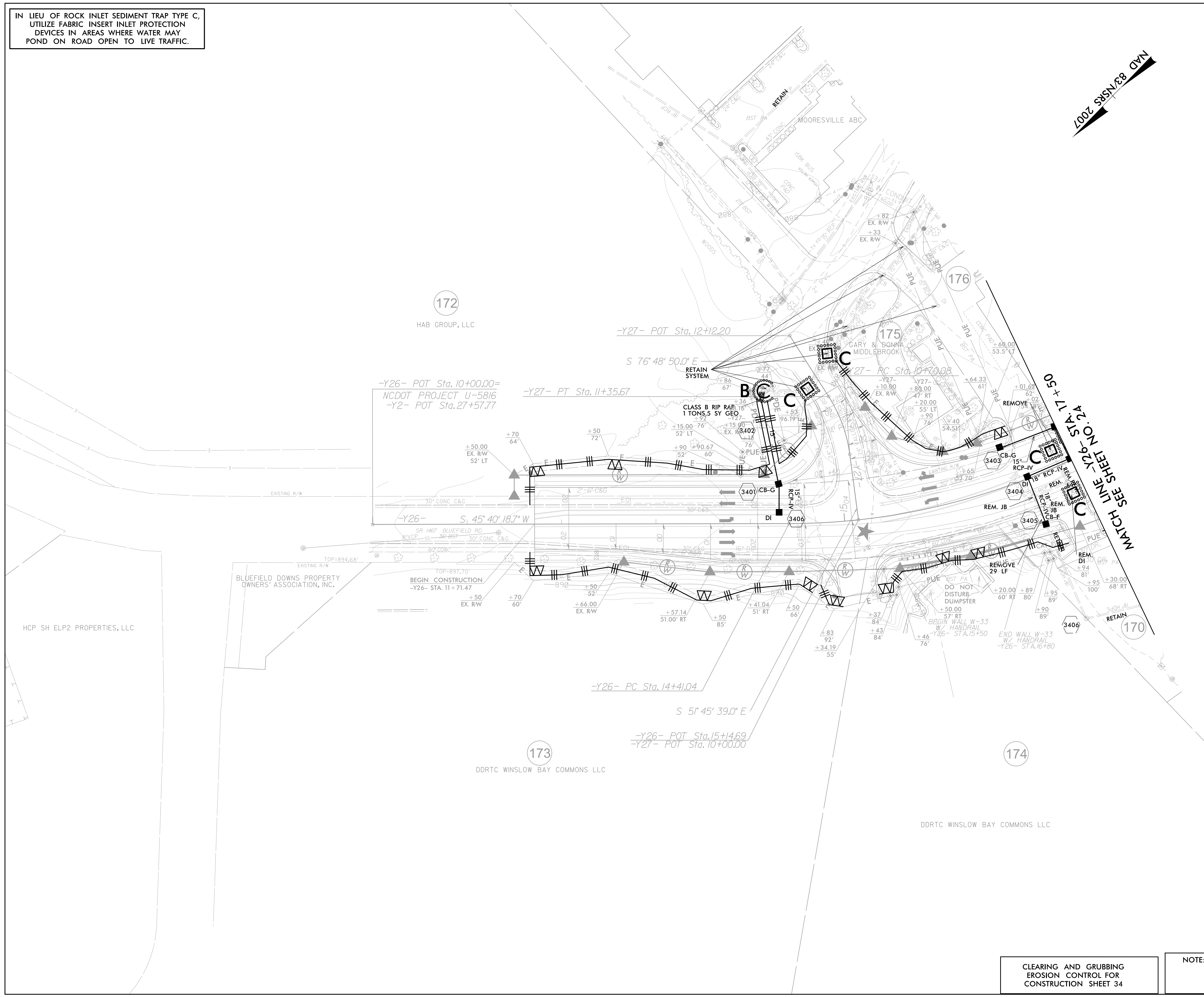
CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 33

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

IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C,  
UTILIZE FABRIC INSERT INLET PROTECTION  
DEVICES IN AREAS WHERE WATER MAY  
POND ON ROAD OPEN TO LIVE TRAFFIC.

PROJECT REFERENCE NO. <i>R-2307B/1-5717</i>	SHEET NO. <i>EC-37/CONST.34</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE. 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

NAD 83/NGRS 2007



MATCH LINE -Y26- STA. 17+50  
SEE SHEET NO. 24

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 34

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