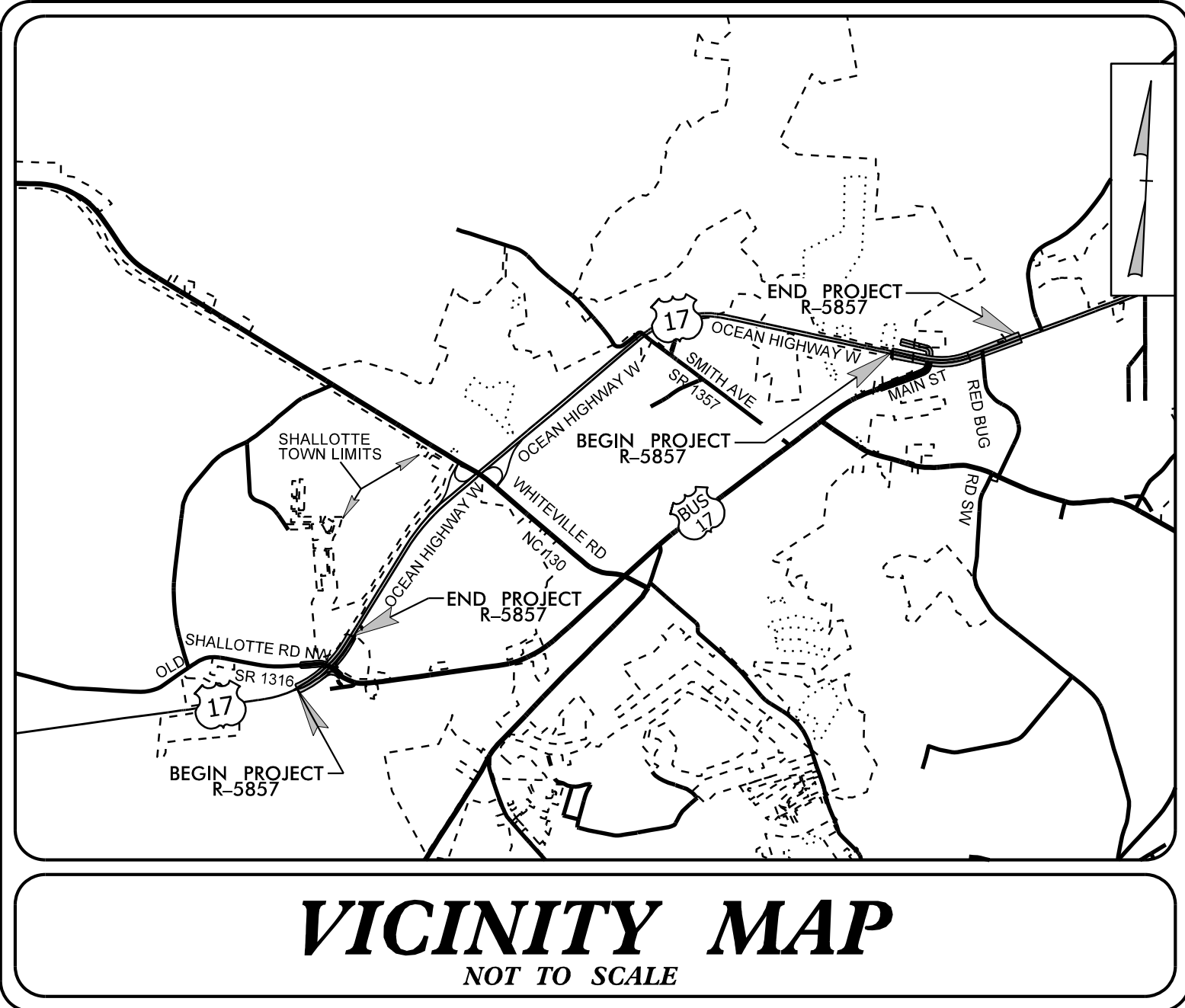


TIP PROJECT: R-5857



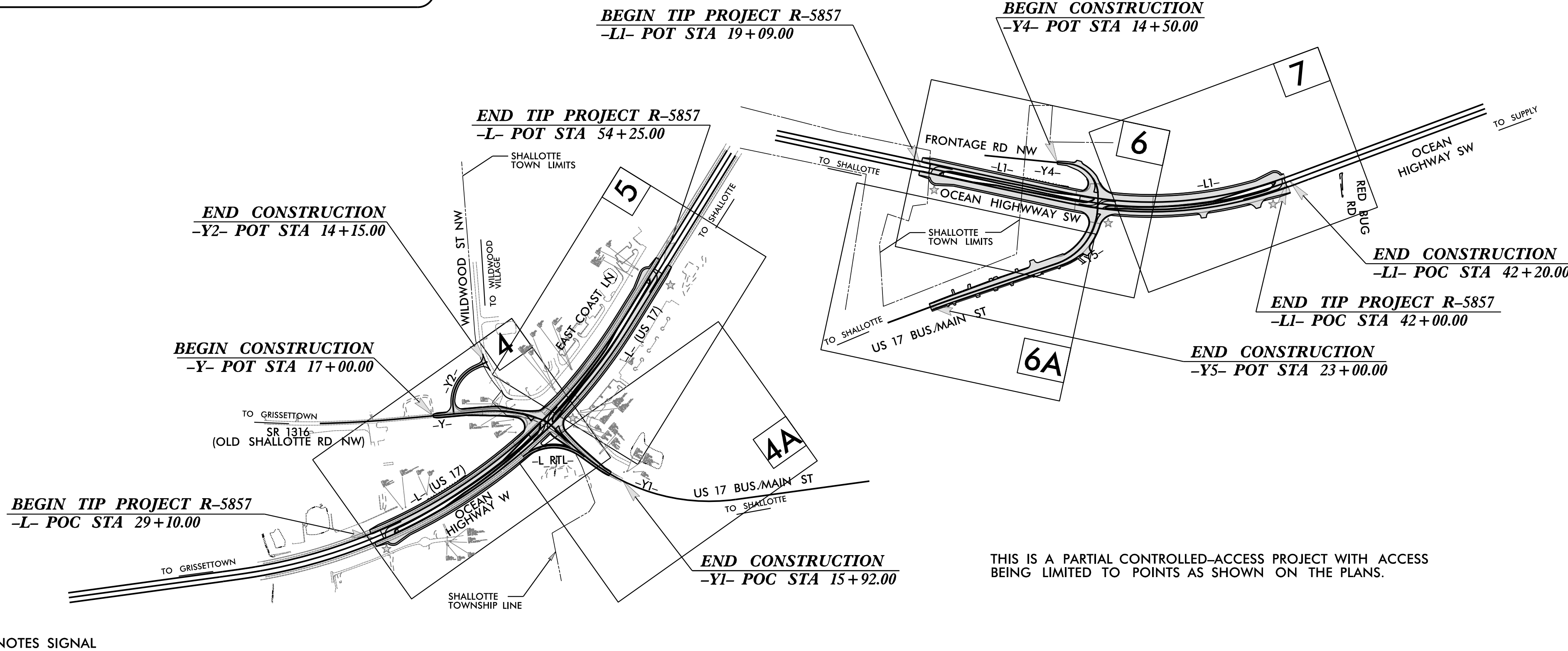
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

BRUNSWICK COUNTY

LOCATION: US 17 BUSINESS SOUTH OF SHALLOTTE AND
US 17 NORTH OF SHALLOTTE. CONVERT
INTERSECTIONS TO SUPERSTREETS

TYPE OF WORK: GRADING, DRAINAGE, PAVING, SIGNALS
AND PAVEMENT MARKING



THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS
BEING LIMITED TO POINTS AS SHOWN ON THE PLANS.

THIS PROJECT CONTAINS
EROSION CONTROL PLANS
FOR CLEARING AND
GRUBBING PHASE OF
CONSTRUCTION.

ENVIRONMENTALLY
SENSITIVE AREA(S) EXIST
ON THIS PROJECT

Refer To E. C. Special Provisions
for Special Considerations.

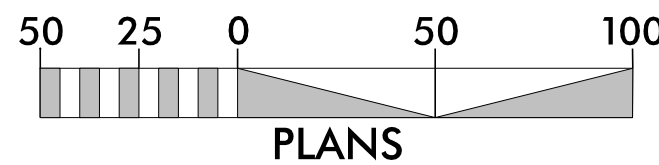
THIS PROJECT HAS
BEEN DESIGNED TO
SENSITIVE WATERSHED
STANDARDS.

HIGH QUALITY WATER(S) EXIST
ON THIS PROJECT

High Quality Water Zone(s) Exist
From Sta. Begin Project
to Sta. End Project
Refer To E. C. Special Provisions
for Special Considerations.

NOTE:
THE OUTSIDE BUFFER, WETLAND OR WATER
BOUNDARY SHALL BE CLEARLY MARKED BY
HIGHLY VISIBLE FENCING (ORANGE SAFETY
FENCE).

GRAPHIC SCALE



THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY
WITH THE REGULATIONS SET FORTH BY THE NCG 010000 GENERAL
STORMWATER CONSTRUCTION PERMIT ISSUED BY THE NORTH
CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION
OF ENERGY, MINERAL, AND LAND RESOURCES.

Prepared In the Office of:

SUNGATE DESIGN GROUP, P.A.



905 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL (919) 859-2243
ENG FIRM LICENSE NO. C-890

Designed by:

MATTHEW C. EDWARDS, PE 3992

NAME

LEVEL III CERTIFICATION NO.

Roadway Standard Drawings

The "Roadway Standard Drawings"- Roadway Design Unit - N. C.
Department of Transportation - Raleigh, N. C., dated January 2024
and the latest revision thereto are applicable to this project and by
reference hereby are considered a part of these plans.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

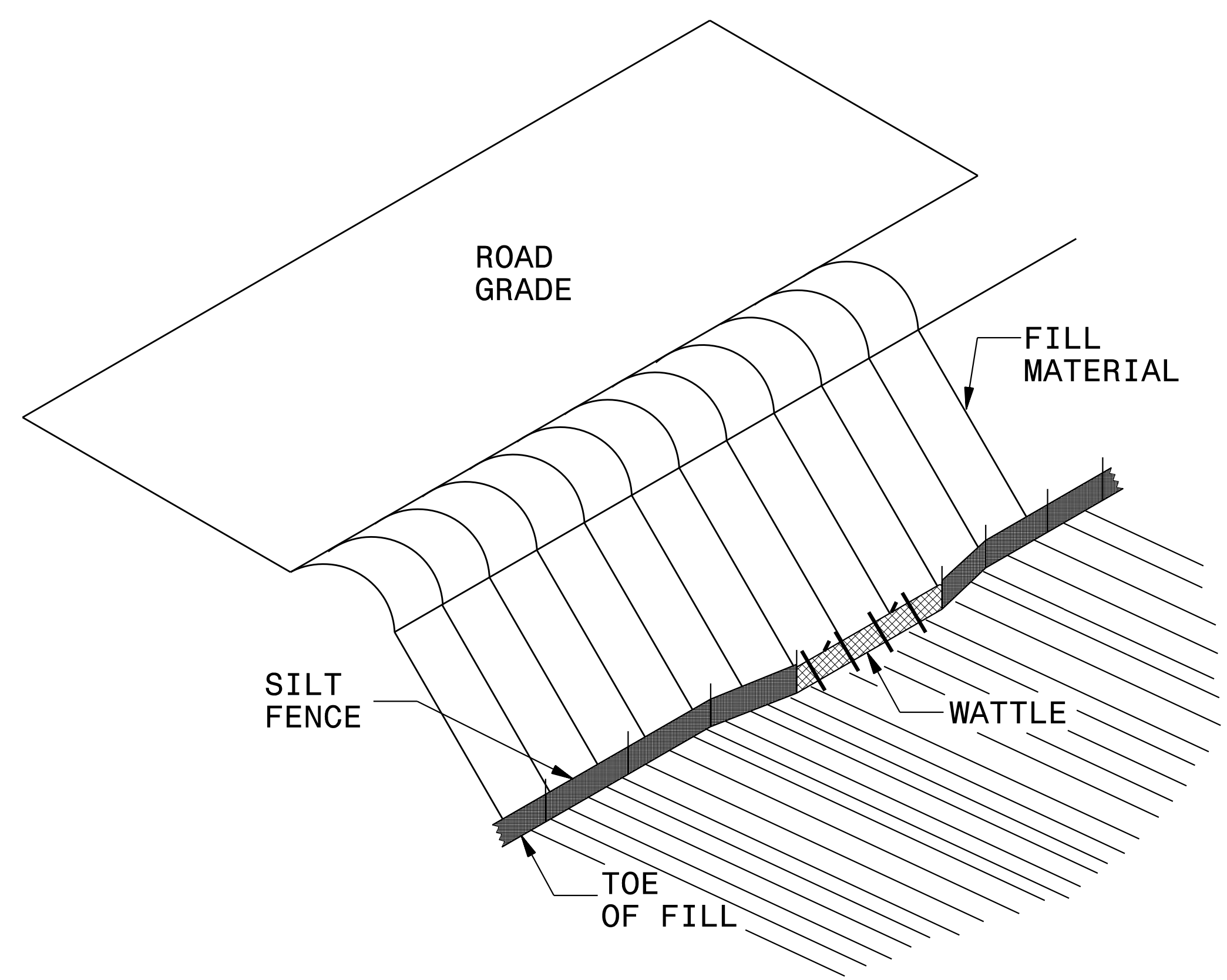
PROJECT REFERENCE NO.	SHEET NO.
R-5857	EC-02
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

EROSION & SEDIMENT CONTROL LEGEND

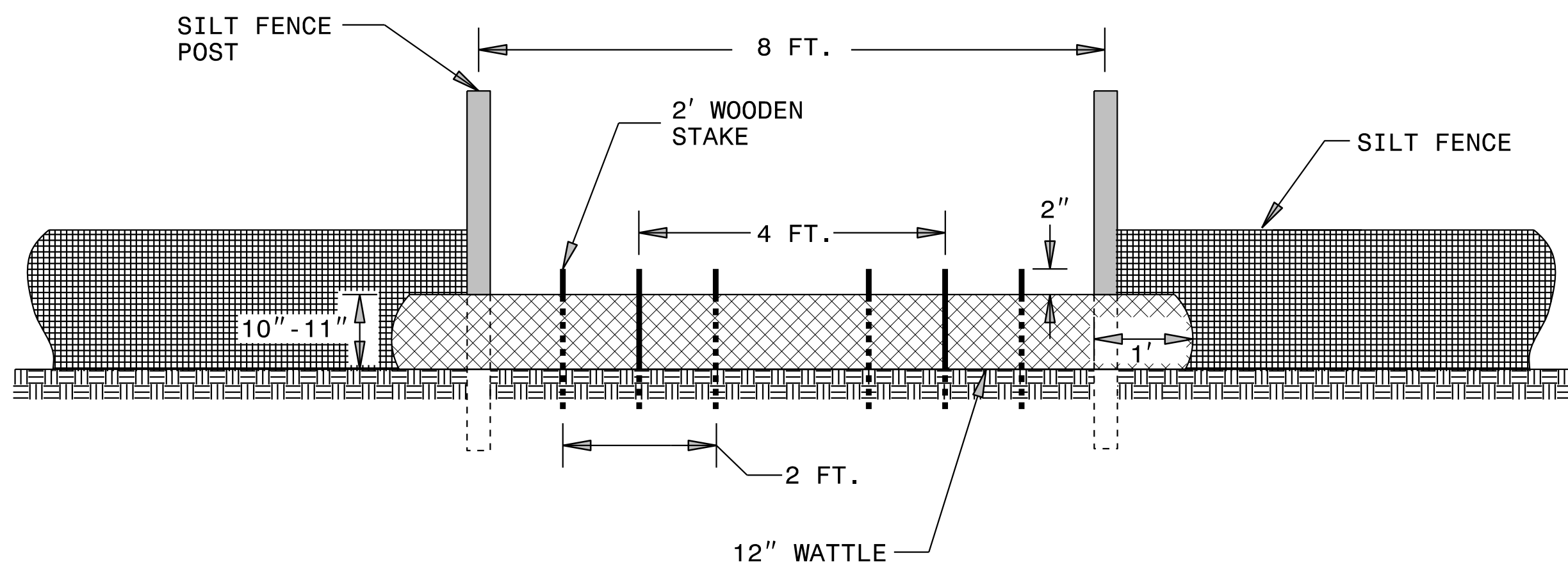
Std. #	Description	Symbol	Std. #	Description	Symbol
1605.01	Temporary Silt Fence		1633.01	Temporary Rock Silt Check Type A	
1606.01	Special Sediment Control Fence		1633.02	Temporary Rock Silt Check Type B	
1622.01	Temporary Berms and Slope Drains		1633.03	Temporary Rock Silt Check Type A with Excelsior Matting and Flocculant	
1630.02	Silt Basin Type B		1634.01	Temporary Rock Sediment Dam Type A	
1630.03	Temporary Silt Ditch		1634.02	Temporary Rock Sediment Dam Type B	
1630.04	Stilling Basin		1635.01	Rock Pipe Inlet Sediment Trap Type A	
1630.05	Temporary Diversion		1635.02	Rock Pipe Inlet Sediment Trap Type B	
1630.06	Special Stilling Basin		1636.01	Excelsior Wattle Check	
1630.07	Skimmer Basin		1636.01	Excelsior Wattle Check with Flocculant	
1630.08	Tiered Skimmer Basin		1636.01	Coir Fiber Wattle Check	
1630.09	Earthen Dam with Skimmer		1636.01	Coir Fiber Wattle Check with Flocculant	
	Infiltration Basin		1636.02	Silt Fence Excelsior Wattle Break	
	Rock Inlet Sediment Trap:			Silt Fence Coir Fiber Wattle Break	
1632.01	Type A				
1632.02	Type B		1636.03	Excelsior Wattle Barrier	
1632.03	Type C		1636.03	Coir Fiber Wattle Barrier	

SILT FENCE COIR FIBER WATTLE BREAK DETAIL

PROJECT REFERENCE NO.		SHEET NO.
R-5857		EC-2A
RW SHEET NO.		
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER



ISOMETRIC VIEW

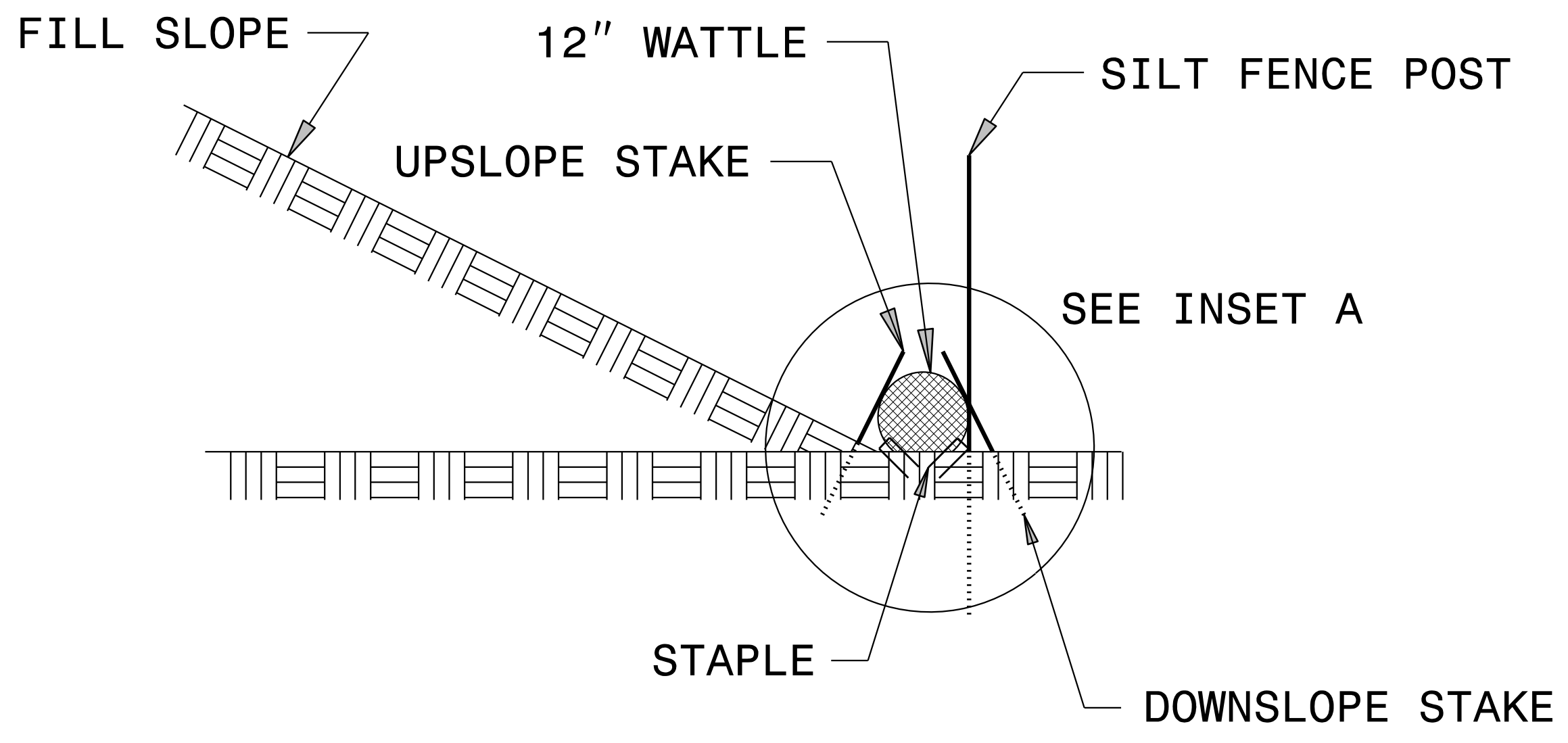
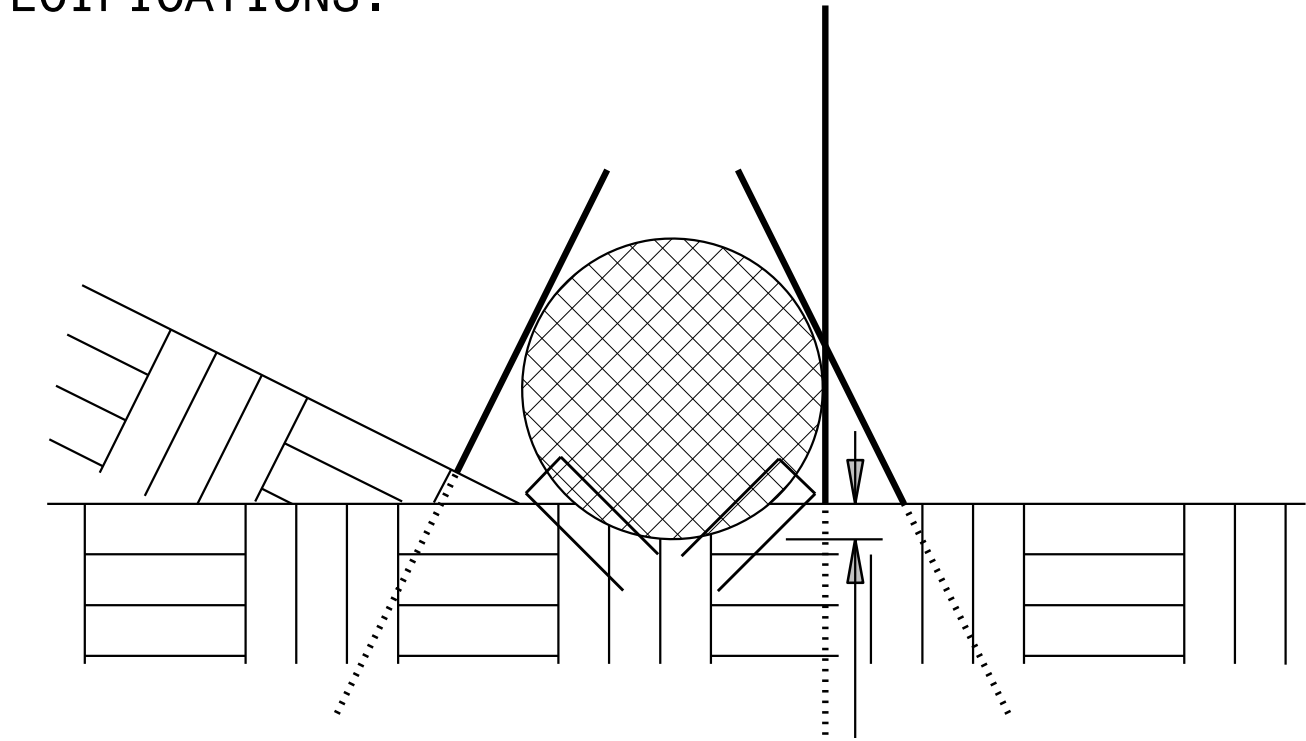


VIEW FROM SLOPE

NOTES:

- USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE AND LENGTH OF 10 FT.
- EXCAVATE A 1 TO 2 INCH TRENCH FOR WATTLE TO BE PLACED.
- DO NOT PLACE WATTLE ON TOE OF SLOPE.
- USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
- INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO GROUND.
- PROVIDE STAPLES MADE OF 11 GUAGE STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 6" IN LENGTH.
- INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.
- WATTLE INSTALLATION CAN BE ON OUTSIDE OF THE SILT FENCE AS DIRECTED.
- INSTALL TEMPORARY SILT FENCE IN ACCORDANCE WITH SECTION 1605 OF THE STANDARD SPECIFICATIONS.

INSET A



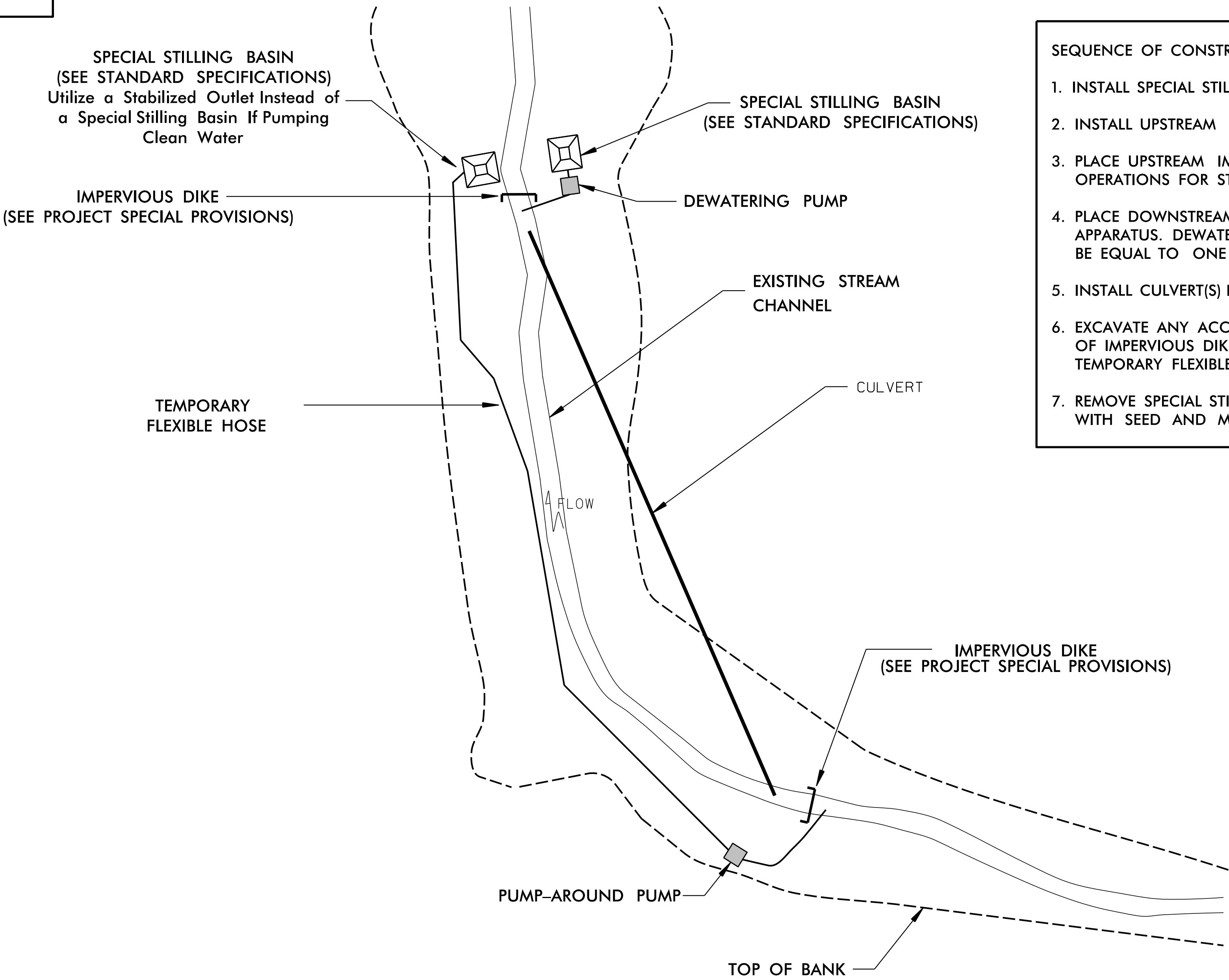
SIDE VIEW

EXAMPLE OF PUMP-AROUND OPERATION

PROJECT REFERENCE NO.	SHEET NO.
<i>R-5857</i>	<i>EC-2B</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTES:

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

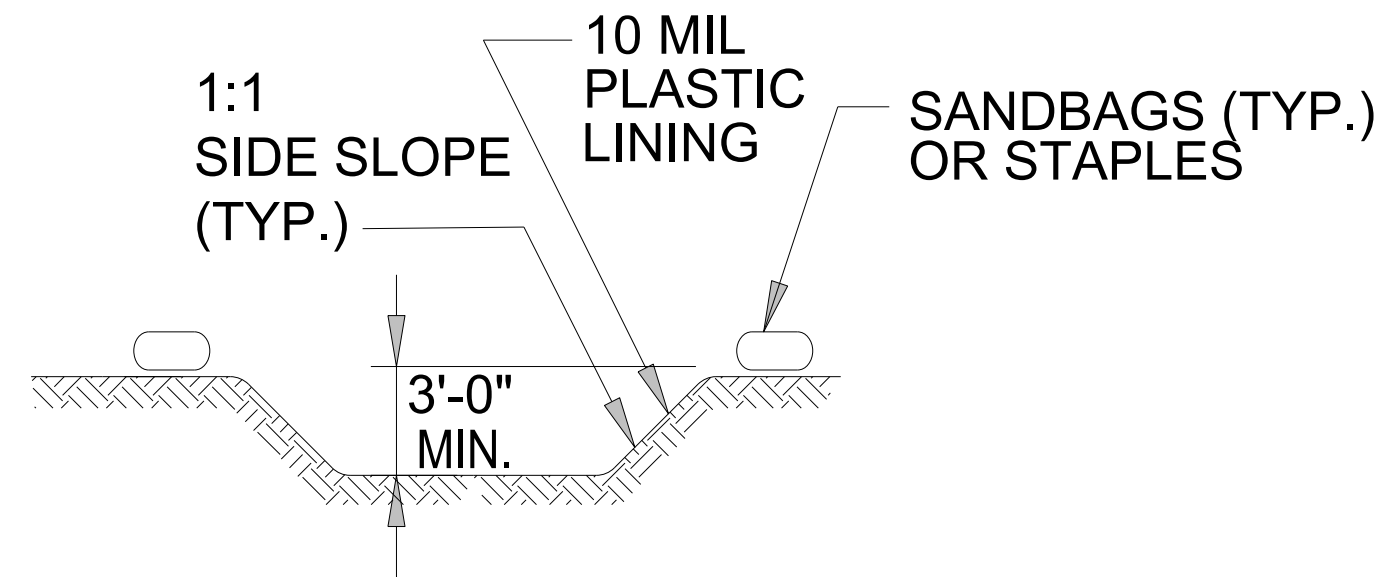
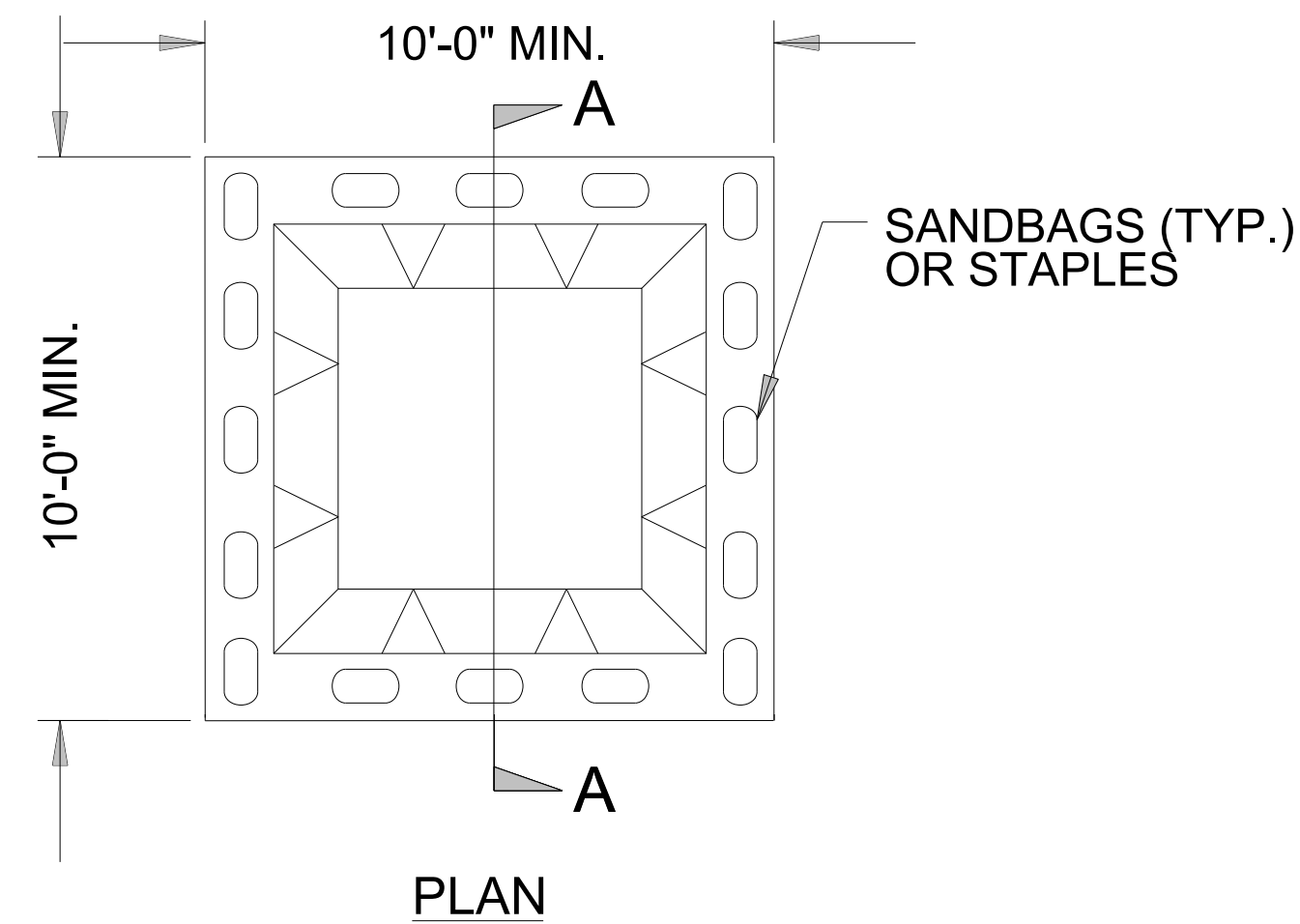


SEQUENCE OF CONSTRUCTION FOR TYPICAL WORK AREA

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

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

PROJECT REFERENCE NO.	SHEET NO.
<i>R-5857</i>	<i>EC-20</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

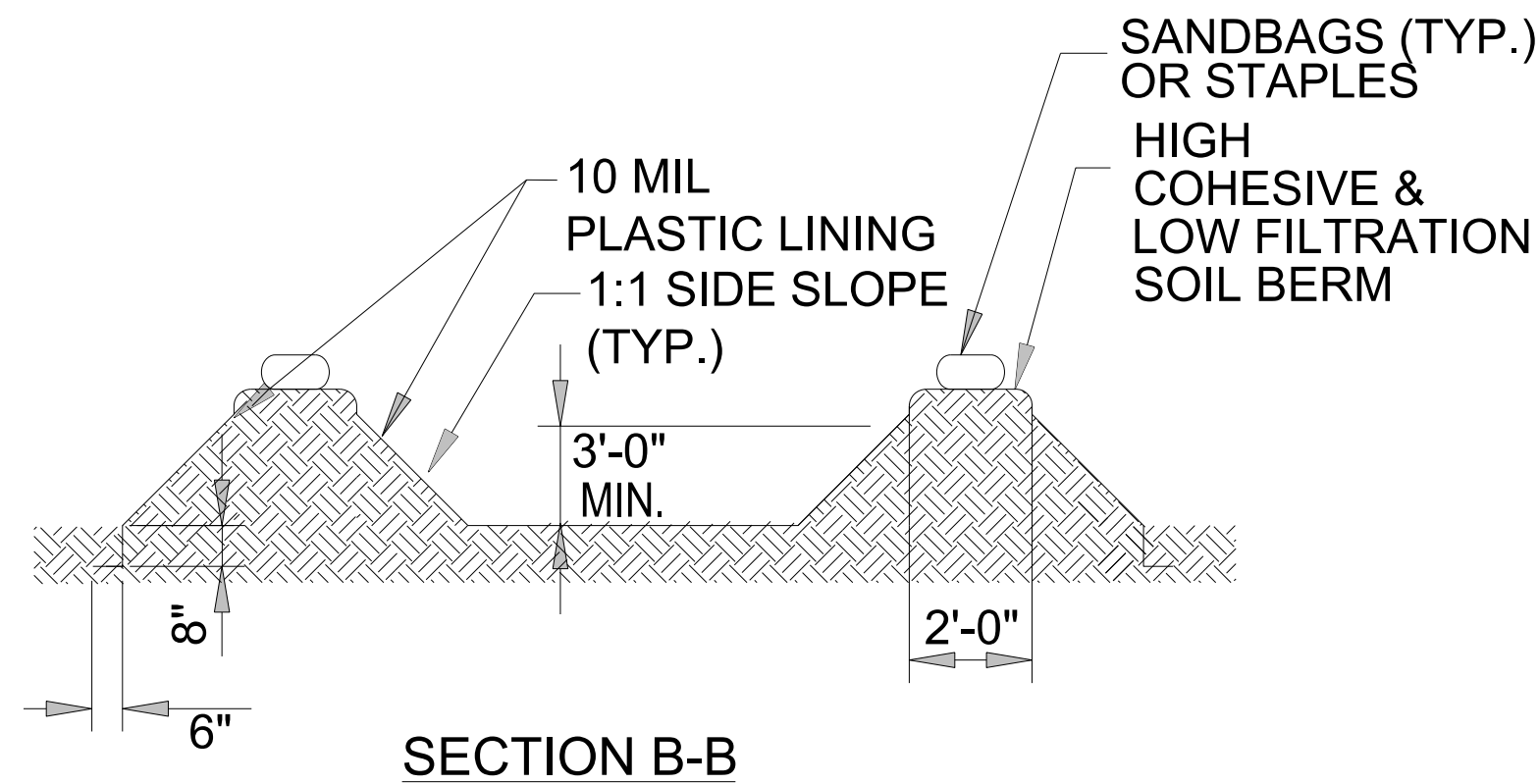
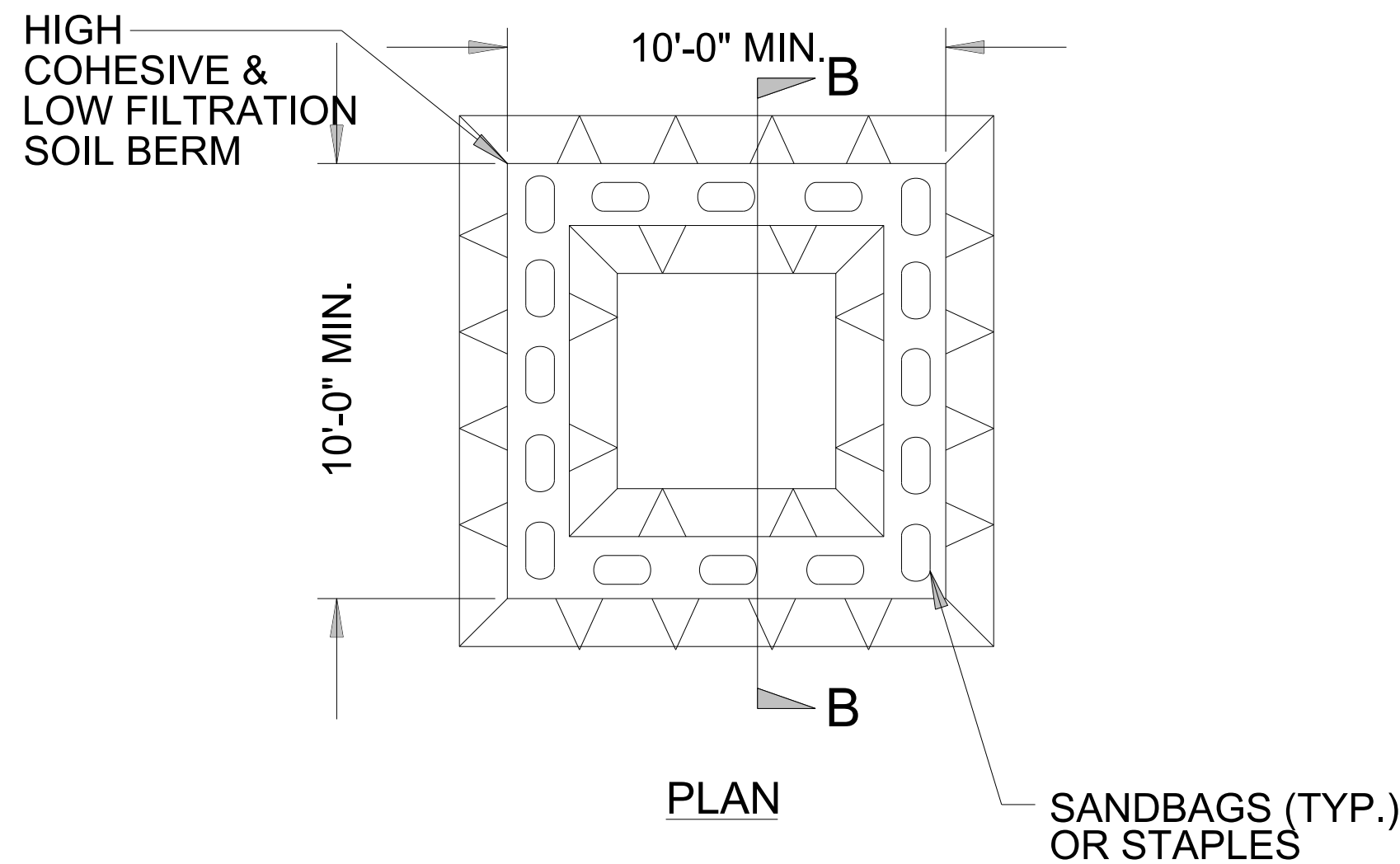


SECTION A-A

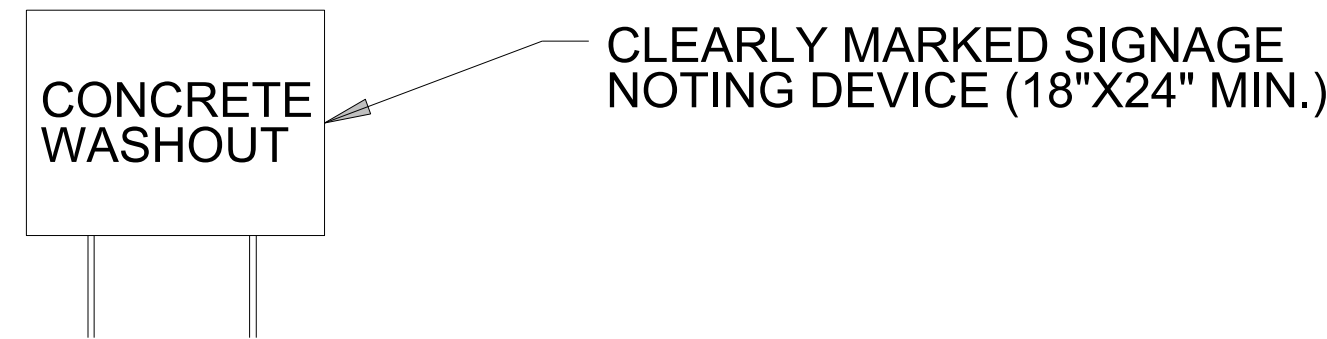


BELOW GRADE WASHOUT STRUCTURE
NOT TO SCALE

- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
 2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
 3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



SECTION B-B



ABOVE GRADE WASHOUT STRUCTURE
NOT TO SCALE

- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
 2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
 3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
<i>R-5857</i>	<i>EC-3</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SOIL STABILIZATION SUMMARY SHEET

MATTING FOR EROSION CONTROL (STRAW)

[illegible]

MATTING FOR EROSION CONTROL (EXCELSIOR)

<i>CONST SHEET NO.</i>	<i>LINE</i>	<i>FROM STATION</i>	<i>TO STATION</i>	<i>SIDE</i>	<i>ESTIMATE (SY)</i>
4	-YI-	15+70		RT	140
7	-LI-	33+55	36+50	LT	730
7	-LI-	36+25		LT	70
		SUBTOTAL FOR STRAW			8,110
		SUBTOTAL FOR EXCELSIOR			940
MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER					15,480
				TOTAL	24,530
				SAY	24,600

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
R-5857	EC-3A
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

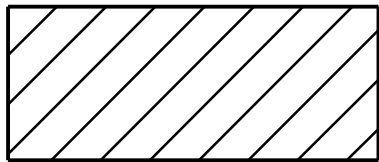
SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH WITH SLOPES STEEPER THAN 4:1. 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES

PROJECT REFERENCE NO.	SHEET NO.
R-5857	EC-04/CONST.04
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 04

2 inch Skimmer
with 1.625 inch
Orifice Diameter
25 ft. weir with
3.5 ft. weir height
ID 4.1
(See Earthen Dam
with Skimmer Detail)



ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

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 TO AVOID
IMPOUNDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.

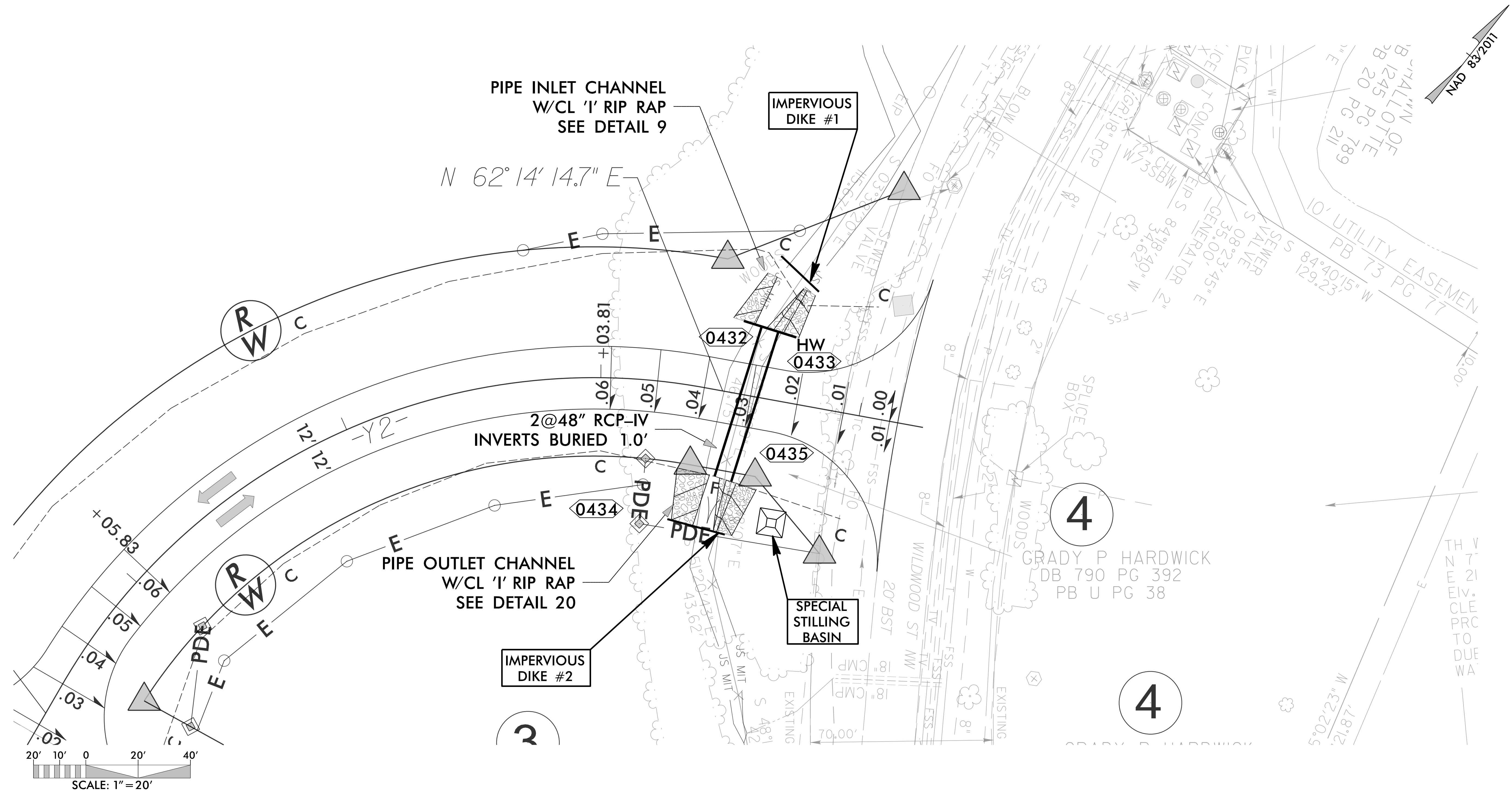
INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL
AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT
PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

★ DENOTES SIGNAL
SEE SHEETS 8 & 9 FOR -L- PROFILES
SEE SHEET 12 FOR -Y-, -YI-, -Y2- &
-L-RTL- PROFILES
SEE SHEET 2B-I FOR DITCH DETAILS

5/5/2025
5/5/2025 EC.dgn, psh.04, csg.dgn
balm

2@48" RCP-IV W/HEADWALL
INSTALLATION SEQUENCE STA. 13+57 -Y2-

- 1.) UTILIZE SPECIAL STILLING BASIN(S) AS NEEDED THROUGHOUT PIPE INSTALLATION.
- 2.) INSTALL DEWATERING PUMPS, TEMPORARY FLEXIBLE HOSE AND SPECIAL STILLING BASIN(S), SEE EXAMPLE PUMP-AROUND OPERATION ON EC-2B.
- 3.) INSTALL IMPERVIOUS DIKES #1 AND #2 AND BEGIN PUMPING OPERATIONS FOR STREAM DIVERSION.
- 4.) DEWATER CONSTRUCTION AREA, UTILIZING SPECIAL STILLING BASIN(S) FOR PUMPED EFFLUENT.
- 5.) INSTALL 2@48" RCP-IV WITH HEADWALL AND INLET/OUTLET CHANNEL RIP RAP IN ACCORDANCE WITH THE PLANS.
- 6.) EXCAVATE ANY ACCUMULATED SILT AND DEWATER BEFORE REMOVAL OF IMPERVIOUS DIKES.
- 7.) REMOVE ANY REMAINING SPECIAL STILLING BASINS, IMPERVIOUS DIKES, PUMPS, AND TEMPORARY FLEXIBLE HOSE.
- 8.) COMPLETE ROADWAY.



72" WSP W/HEADWALL & CHANNEL RELOCATION TRENCHLESS INSTALLATION SEQUENCE STA. 43 + 08 -L-

PROJECT REFERENCE NO.	SHEET NO.
R-5857	EC-04B/CONST.04
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PHASE I

- 1.) UTILIZE SPECIAL STILLING BASIN(S) AS NEEDED THROUGHOUT PIPE INSTALLATION.

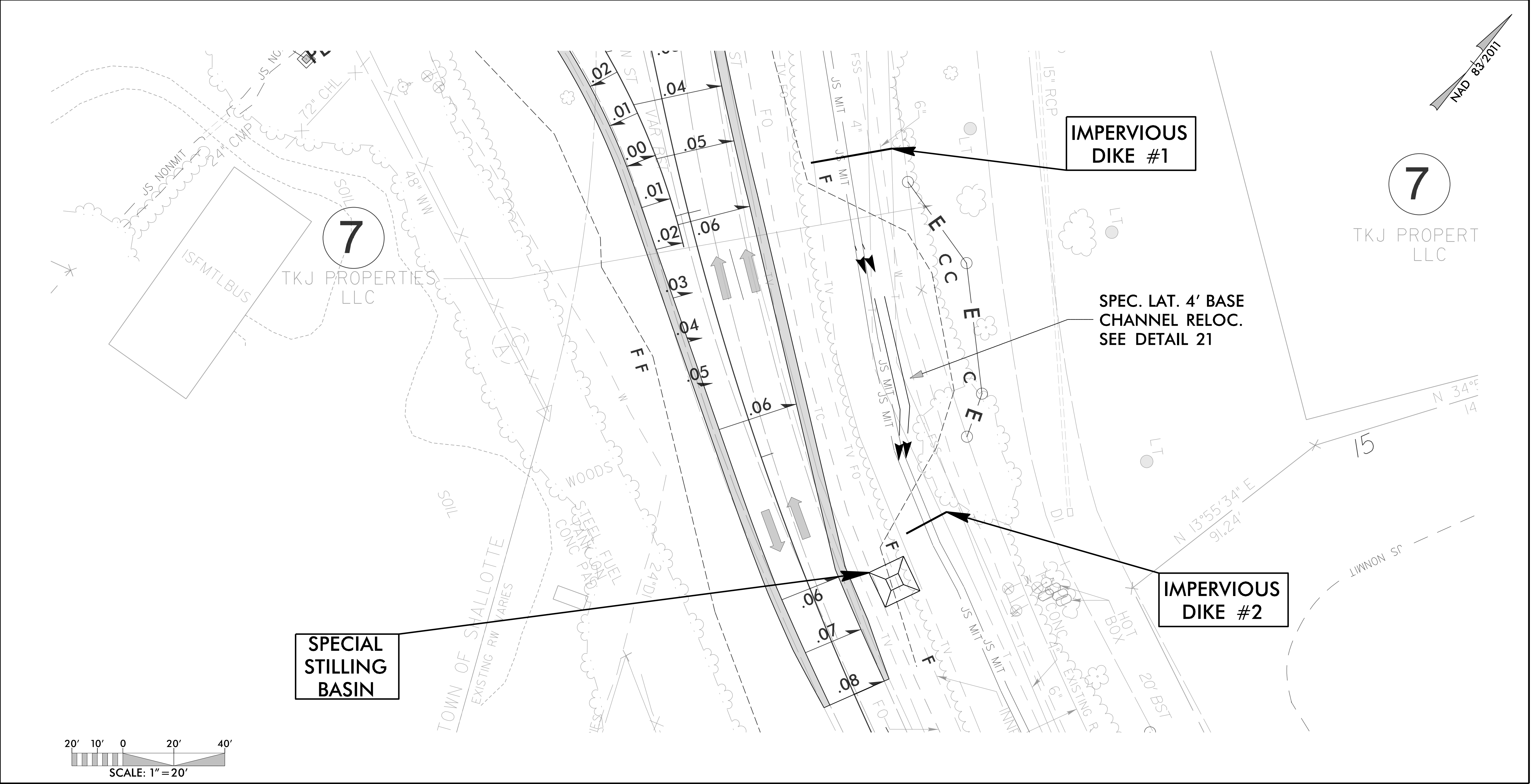
2.) INSTALL DEWATERING PUMPS, TEMPORARY FLEXIBLE HOSE, AND SPECIAL STILLING BASIN(S), SEE EXAMPLE PUMP-AROUND OPERATION ON EC-2B.

3.) INSTALL IMPERVIOUS DIKES #1 AND #2 AND BEGIN PUMPING OPERATION FOR STREAM DIVERSION.

4.) DEWATER CONSTRUCTION AREA, UTILIZING SPECIAL STILLING BASIN(S) FOR PUMPED EFFLUENT.
- 5.) CONSTRUCT SPEC. LAT. 4' BASE CHANNEL RELOCATION.

6.) EXCAVATE ANY ACCUMULATED SILT AND DEWATER BEFORE REMOVAL OF IMPERVIOUS DIKES #1 AND #2.

7.) REMOVE IMPERVIOUS DIKES #1 AND #2 AND DIVERT FLOW THROUGH SPEC. LAT. 4' BASE DITCH.



72" WSP W/HEADWALL & CHANNEL RELOCATION TRENCHLESS INSTALLATION SEQUENCE STA. 43 + 08 -L-

PROJECT REFERENCE NO.	SHEET NO.
R-5857	EC-04C/CONST.04
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PHASE II

- 1.) UTILIZE SPECIAL STILLING BASIN(S) AS NEEDED THROUGHOUT PIPE INSTALLATION.

2.) INSTALL DEWATERING PUMPS, TEMPORARY FLEXIBLE HOSE, AND SPECIAL STILLING BASIN(S). SEE EXAMPLE PUMP-AROUND OPERATION ON EC-2B.

3.) INSTALL IMPERVIOUS DIKES #3 AND #4 AND BEGIN PUMPING OPERATION FOR STREAM DIVERSION THROUGH EXISTING 30" RCP UNDER US-17.

4.) REMOVE SECTIONS OF THE EXISTING 30" RCP AS NECESSARY TO COMPLETE TRENCHLESS INSTALLATION.

5.) DEWATER CONSTRUCTION AREA, UTILIZING SPECIAL STILLING BASIN(S) FOR PUMPED EFFLUENT.

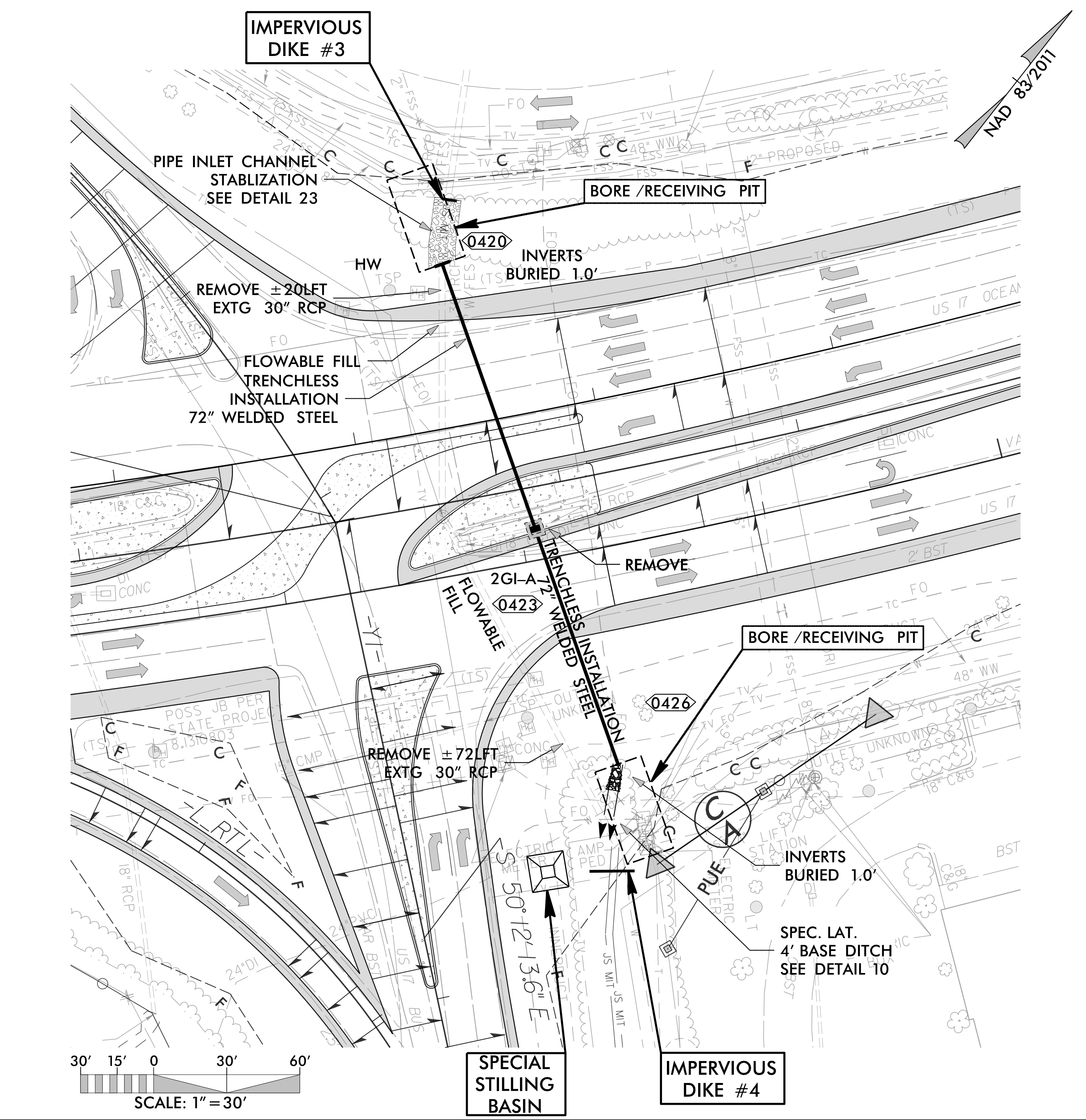
6.) TRENCHLESS INSTALL 72" WSP WITH HEADWALL, IN ACCORDANCE WITH THE PLANS.
- 7.) REMOVE +/- 20 LF OF EXISTING 30" RCP AND ASSOCIATED FES.

8.) TRENCHLESS INSTALL UPSTREAM 72" WELDED STEEL PIPE (INVERTS BURIED 1.0'), AND HEADWALL #0420.

9.) INSTALL PIPE INLET CHANNEL STABILIZATION IN ACCORDANCE WITH THE PLANS.

10.) EXCAVATE ANY ACCUMULATED SILT AND DEWATER BEFORE REMOVAL OF IMPERVIOUS DIKES #3 AND #4.

11.) REMOVE IMPERVIOUS DIKES #3 AND #4 AND DIVERT FLOW THROUGH 72" WELDED STEEL PIPE.

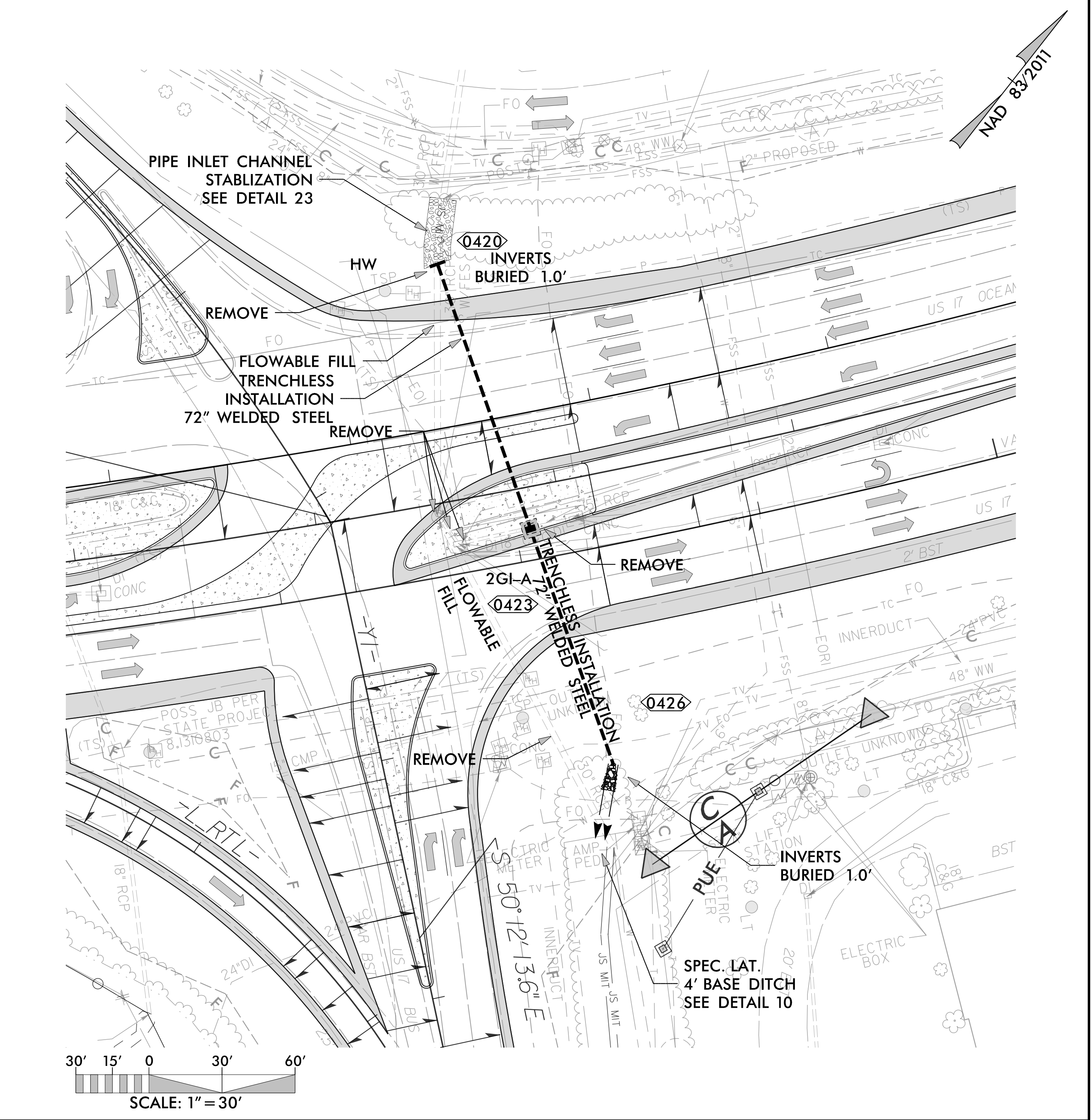


PHASE III

- 1.) REMOVE DI'S AND JUNCTION BOX ASSOCIATED WITH EXISTING 30" RCP'S, AS NOTED ON THE PLANS.

2.) EXISTING 30" RCP'S SHALL BE REMOVE OR FILLED WITH FLOWABLE FILL, AS NOTED ON THE PLANS.

3.) COMPLETE ROADWAY.

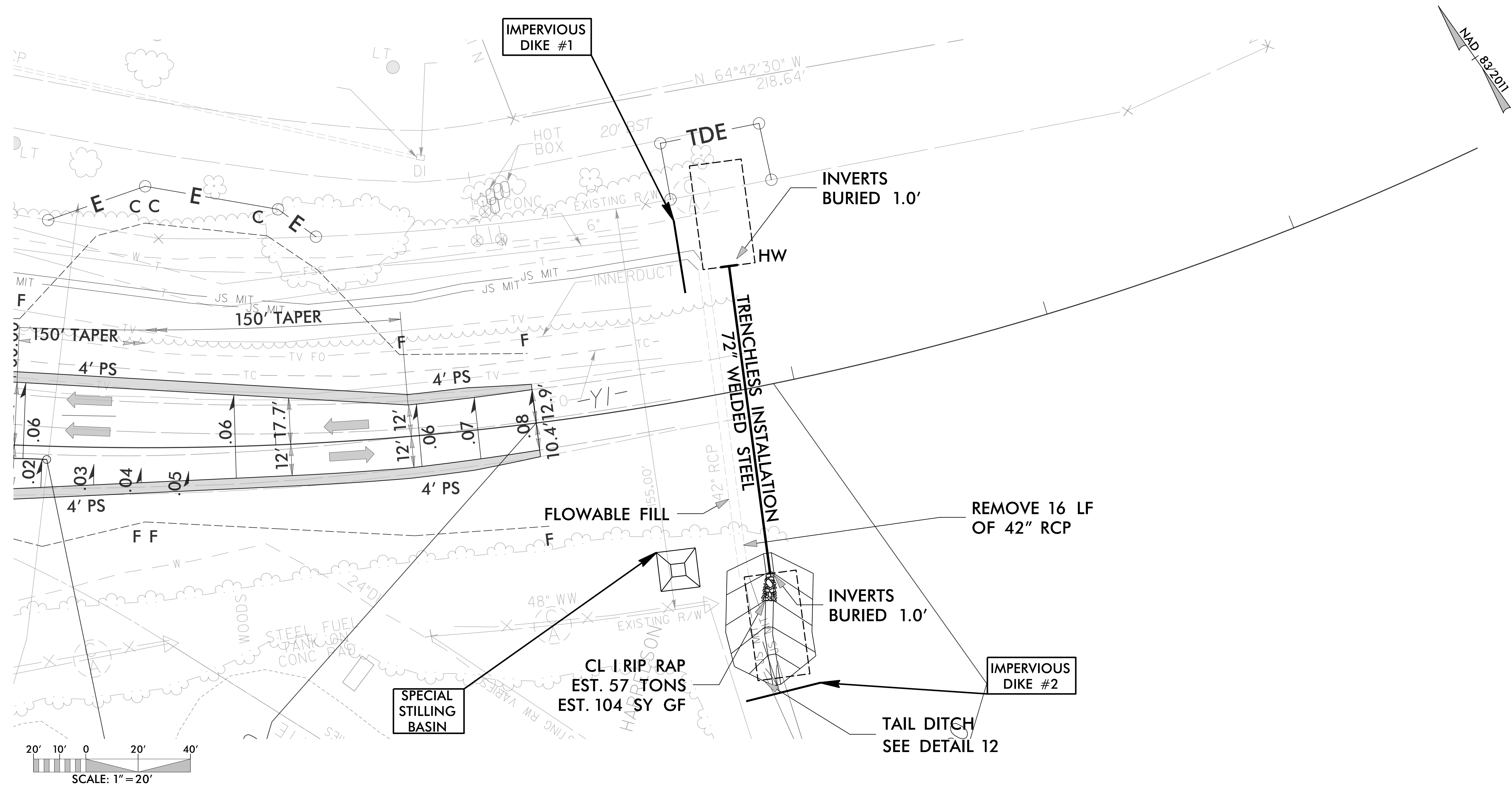


72" WSP W/HEADWALL TRENCHLESS INSTALLATION SEQUENCE STA. 15 + 81 -Y1-

PROJECT REFERENCE NO.	SHEET NO.
R-5857	EC-04D/CONST.04
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

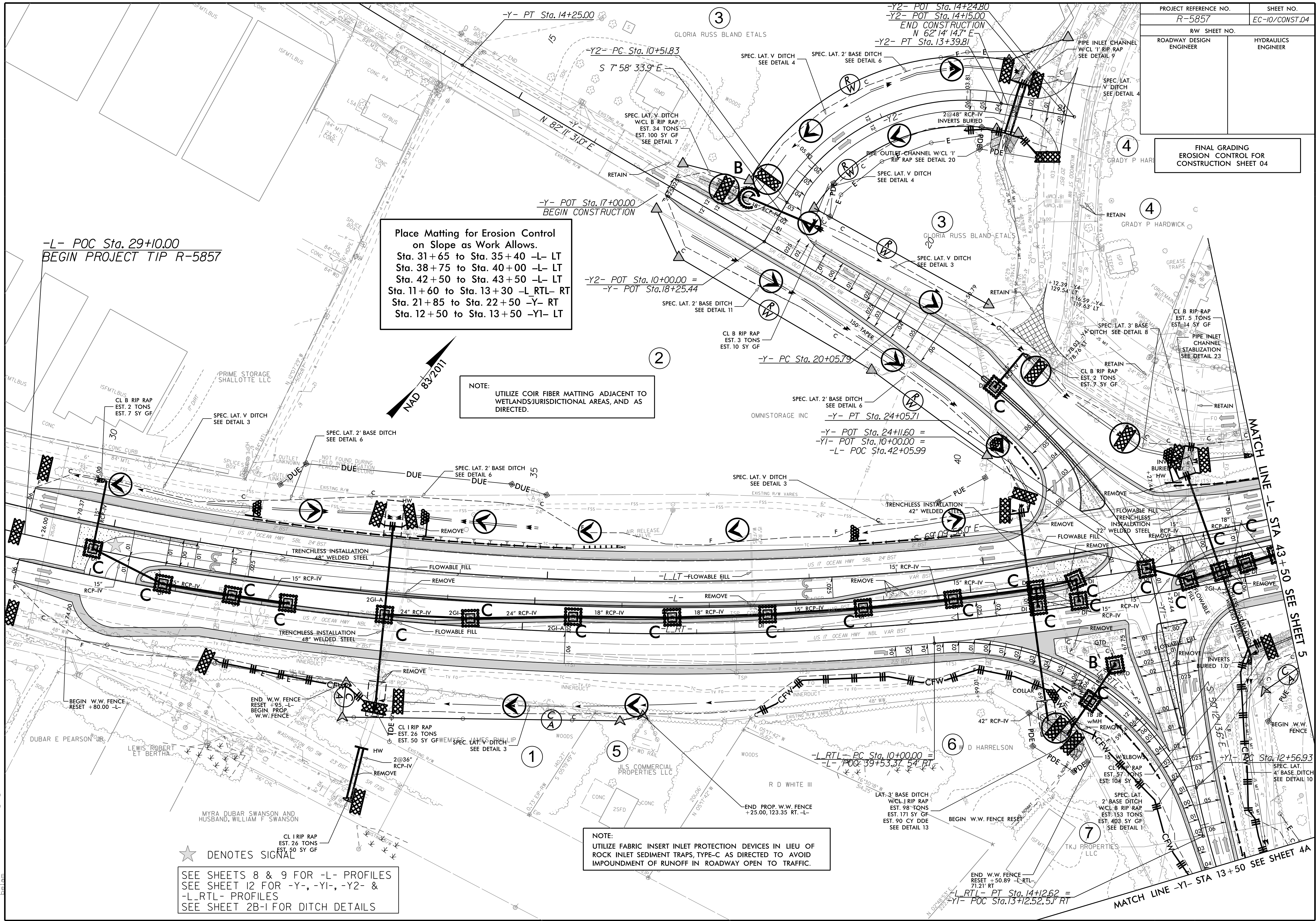
PHASE I

- 1.) UTILIZE SPECIAL STILLING BASIN(S) AS NEEDED THROUGHOUT PIPE INSTALLATION.
- 2.) INSTALL PUMP-AROUND AND DEWATERING PUMPS AND TEMPORARY FLEXIBLE HOSE, SEE EXAMPLE PUMP-AROUND OPERATION ON EC-2B.
- 3.) INSTALL IMPERVIOUS DIKES #1 AND #2 AND BEGIN PUMPING OPERATIONS FOR STREAM DIVERSION.
- 4.) DEWATER CONSTRUCTION AREA, UTILIZING SPECIAL STILLING BASIN(S) FOR PUMPED EFFLUENT.
- 5.) TRENCHLESS INSTALL 72" WELDED STEEL PIPE (INVERTS BURIED 1.0') AND CONSTRUCT ASSOCIATED HEADWALL.
- 6.) CONSTRUCT TAIL DITCH AND INSTALL CL I RIP RAP AT OUTLET OF 72" WELDED STEEL PIPE.
- 7.) FLOWABLE FILL EXISTING 42" RCP.
- 8.) EXCAVATE ANY ACCUMULATED SILT AND DEWATER BEFORE REMOVAL OF IMPERVIOUS DIKES #1 AND #2.
- 9.) REMOVE ANY REMAINING SPECIAL STILLING BASIN(S), IMPERVIOUS DIKES, PUMPS, AND TEMPORARY FLEXIBLE HOSE.
- 10.) DIVERT FLOW THROUGH 72" WELDED STEEL PIPE AND COMPLETE ROADWAY.





PROJECT REFERENCE NO.	SHEET NO.
R-5857	EC-10/CONST.04
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	
FINAL GRADING EROSION CONTROL FOR CONSTRUCTION SHEET 04	



Place Matting for Erosion Control on Slope as Work Allows.
Sta. 31+65 to Sta. 35+40 -L- LT
Sta. 38+75 to Sta. 40+00 -L- LT
Sta. 42+50 to Sta. 43+50 -L- LT
Sta. 11+60 to Sta. 13+30 -L RTL- RT
Sta. 21+85 to Sta. 22+50 -Y- RT
Sta. 12+50 to Sta. 13+50 -Y1- LT

NOTE:
UTILIZE COIR FIBER MATTING ADJACENT TO WETLANDS/JURISDICTIONAL AREAS, AND AS DIRECTED.

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C AS DIRECTED TO AVOID IMPOUNDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.

★ DENOTES SIGNAL
SEE SHEETS 8 & 9 FOR -L- PROFILES
SEE SHEET 12 FOR -Y-, -Y1-, -Y2- & -L RTL- PROFILES
SEE SHEET 2B-I FOR DITCH DETAILS

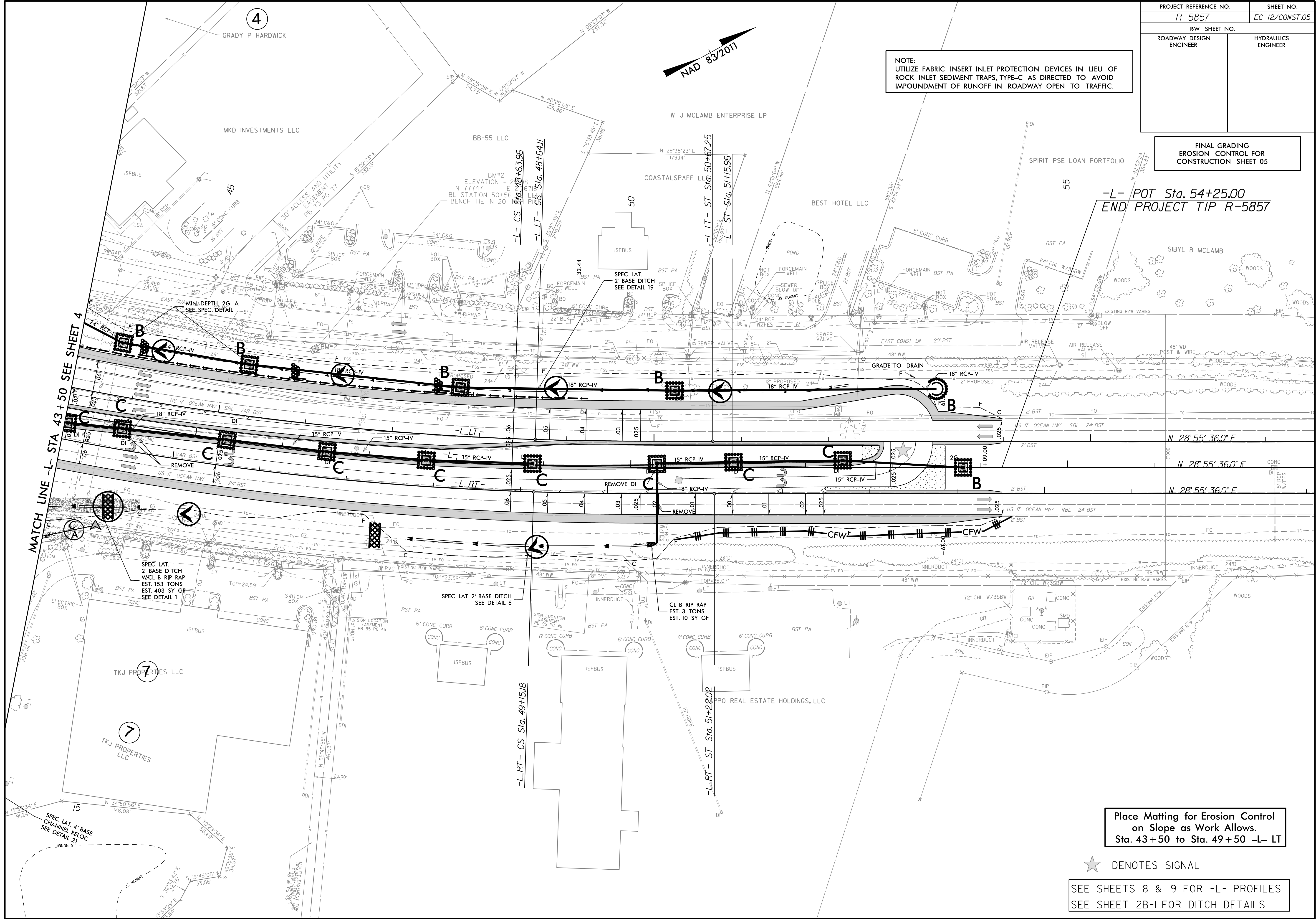
5/6/2025
456672C.dgn psh-10.fgdgn
bela

PROJECT REFERENCE NO.	SHEET NO.
R-5857	EC-12/CONST.05
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 05

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF
ROCK INLET SEDIMENT TRAPS, TYPE-C AS DIRECTED TO AVOID
IMPOUNDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.

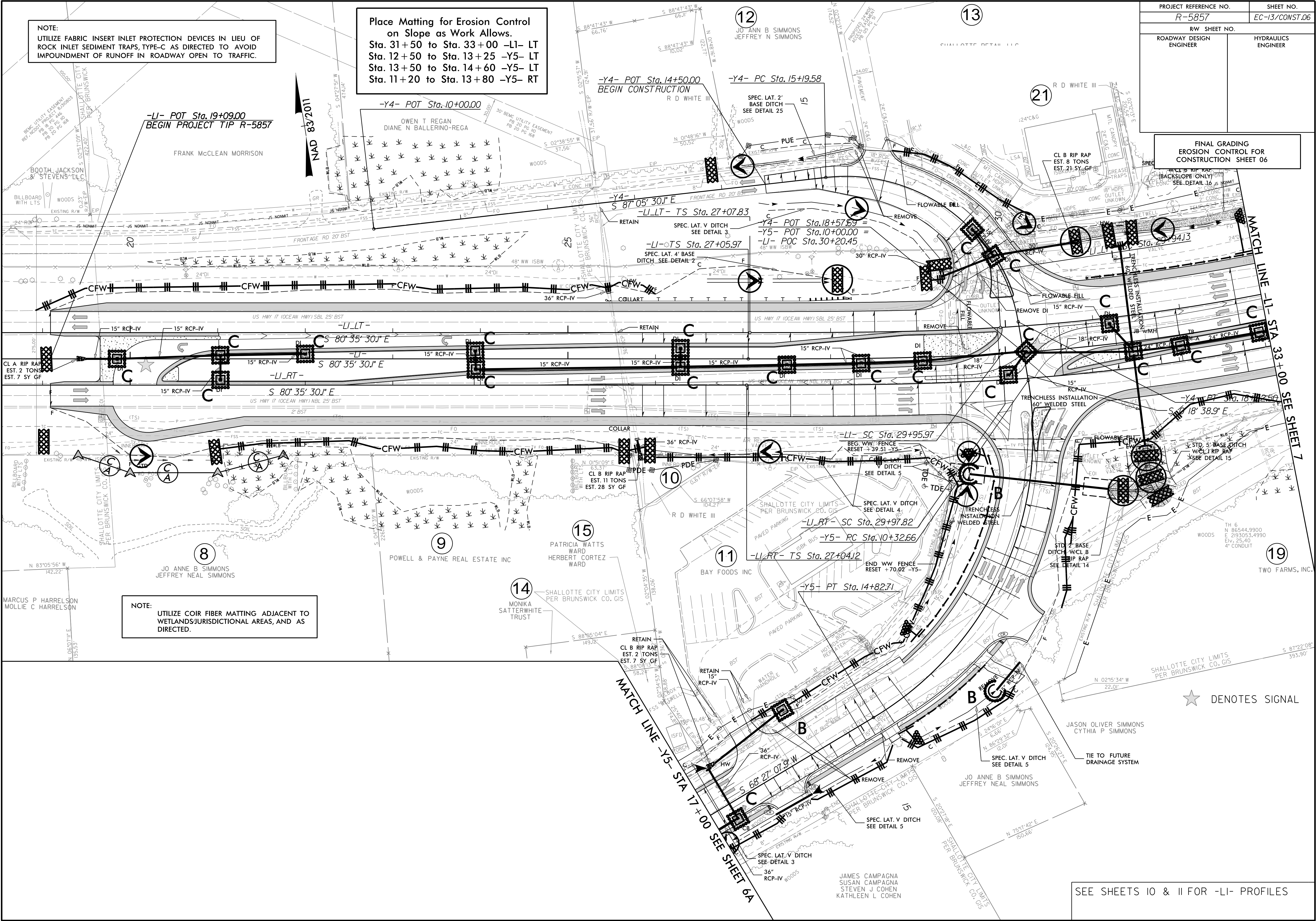
-L- POT Sta. 54+25.00
END PROJECT TIP R-5857



★ DENOTES SIGNAL
SEE SHEETS 8 & 9 FOR -L- PROFILES
SEE SHEET 2B-I FOR DITCH DETAILS

PROJECT REFERENCE NO.	SHEET NO.
R-5857	EC-13/CONST.06
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 06



NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF
ROCK INLET SEDIMENT TRAPS, TYPE-C AS DIRECTED TO AVOID
IMPOUNDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 31+50 to Sta. 33+00 -LI- LT
Sta. 12+50 to Sta. 13+25 -Y5- LT
Sta. 13+50 to Sta. 14+60 -Y5- LT
Sta. 11+20 to Sta. 13+80 -Y5- RT

-LI- POT Sta. 19+09.00
BEGIN PROJECT TIP R-5857

-Y4- POT Sta. 10+00.00

-Y4- POT Sta. 14+50.00
BEGIN CONSTRUCTION

-Y4- PC Sta. 15+9.58

SPEC. LAT. 2'
BASE DITCH
SEE DETAIL 25

-Y4- POT Sta. 18+57.69
-Y5- POT Sta. 10+00.00
-LI- POT Sta. 30+20.45

-LI- TS Sta. 27+05.97
SPEC. LAT. 4' BASE
DITCH SEE DETAIL 2

-LI- SC Sta. 29+95.97
BEG. WW FENCE
RESET - 39.51 -Y5-

-LI- RT- SC Sta. 29+97.82
-Y5- PC Sta. 10+32.66

-Y5- PT Sta. 14+82.71

NOTE:
UTILIZE COIR FIBER MATTING ADJACENT TO
WETLANDS/JURISDICTIONAL AREAS, AND AS
DIRECTED.

★ DENOTES SIGNAL

SEE SHEETS 10 & 11 FOR -LI- PROFILES

