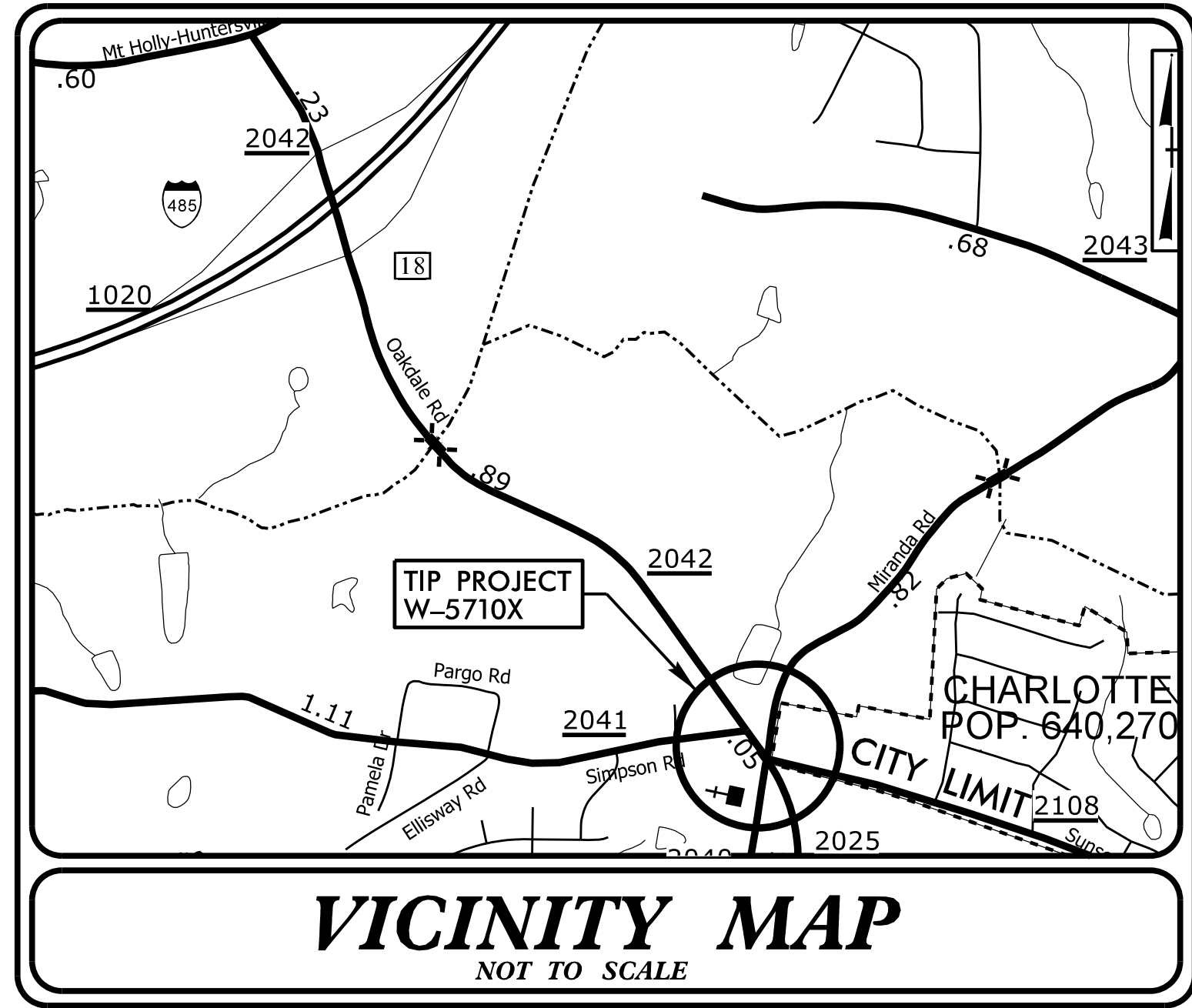


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL
MECKLENBURG COUNTY
LOCATION: INTERSECTION IMPROVEMENTS AT SR 2025 AND SR 2042
(OAKDALE ROAD) FROM SR 2025 (MIRANDA ROAD)
TO SR 2108 (SUNSET ROAD)
TYPE OF WORK: GRADING, DRAINAGE, AND PAVEMENT

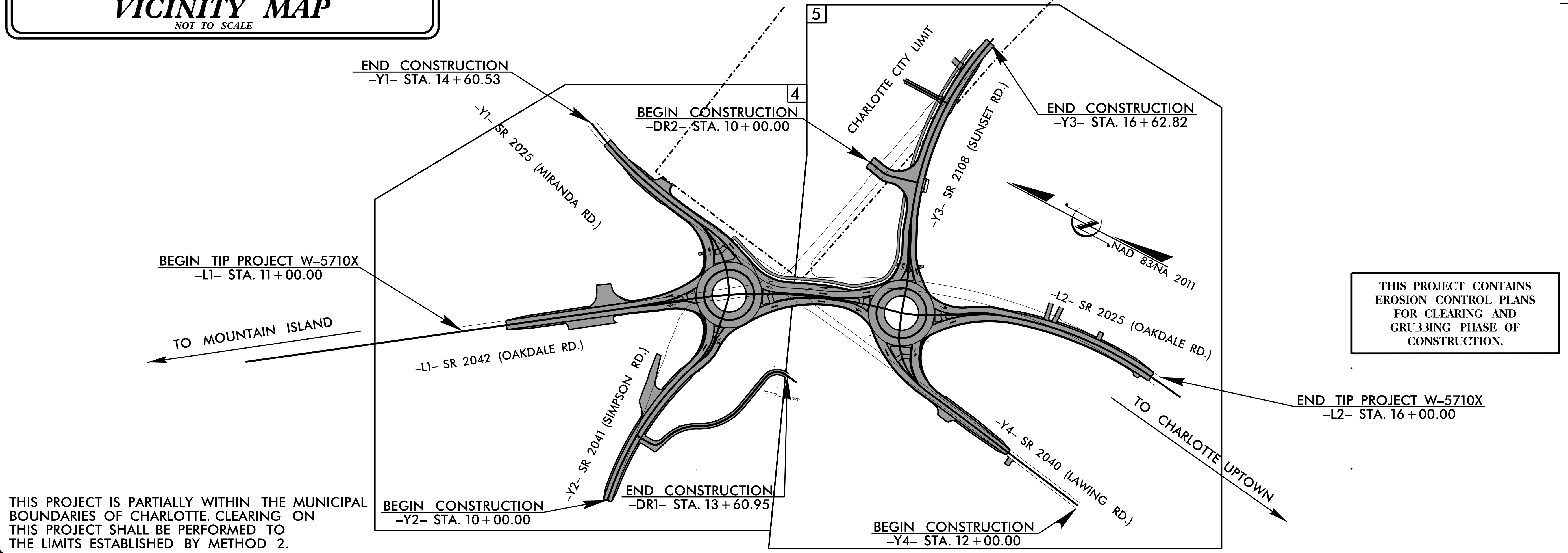
TIP PROJECT: W-5710X



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

MECKLENBURG COUNTY
LOCATION: INTERSECTION IMPROVEMENTS AT SR 2025 AND SR 2042
(OAKDALE ROAD) FROM SR 2025 (MIRANDA ROAD)
TO SR 2108 (SUNSET ROAD)
TYPE OF WORK: GRADING, DRAINAGE, AND PAVEMENT

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5710X	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44856.1.24	HSIP-2042(002)	PE	



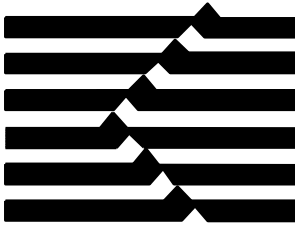
THIS PROJECT IS PARTIALLY WITHIN THE MUNICIPAL BOUNDARIES OF CHARLOTTE. CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD 2.

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

GRAPHIC SCALE

50 25 0 50 100
PLANS

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

**KCI**
<http://www.kci.com>

Prepared in the Office of:
KCI ASSOCIATES OF NORTH CAROLINA, PA
4800 FALLS OF NEUSE RD
SUITE 200
RALEIGH NC, 27609

Designed by:
SAWYER WALTERS, PE #4213
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

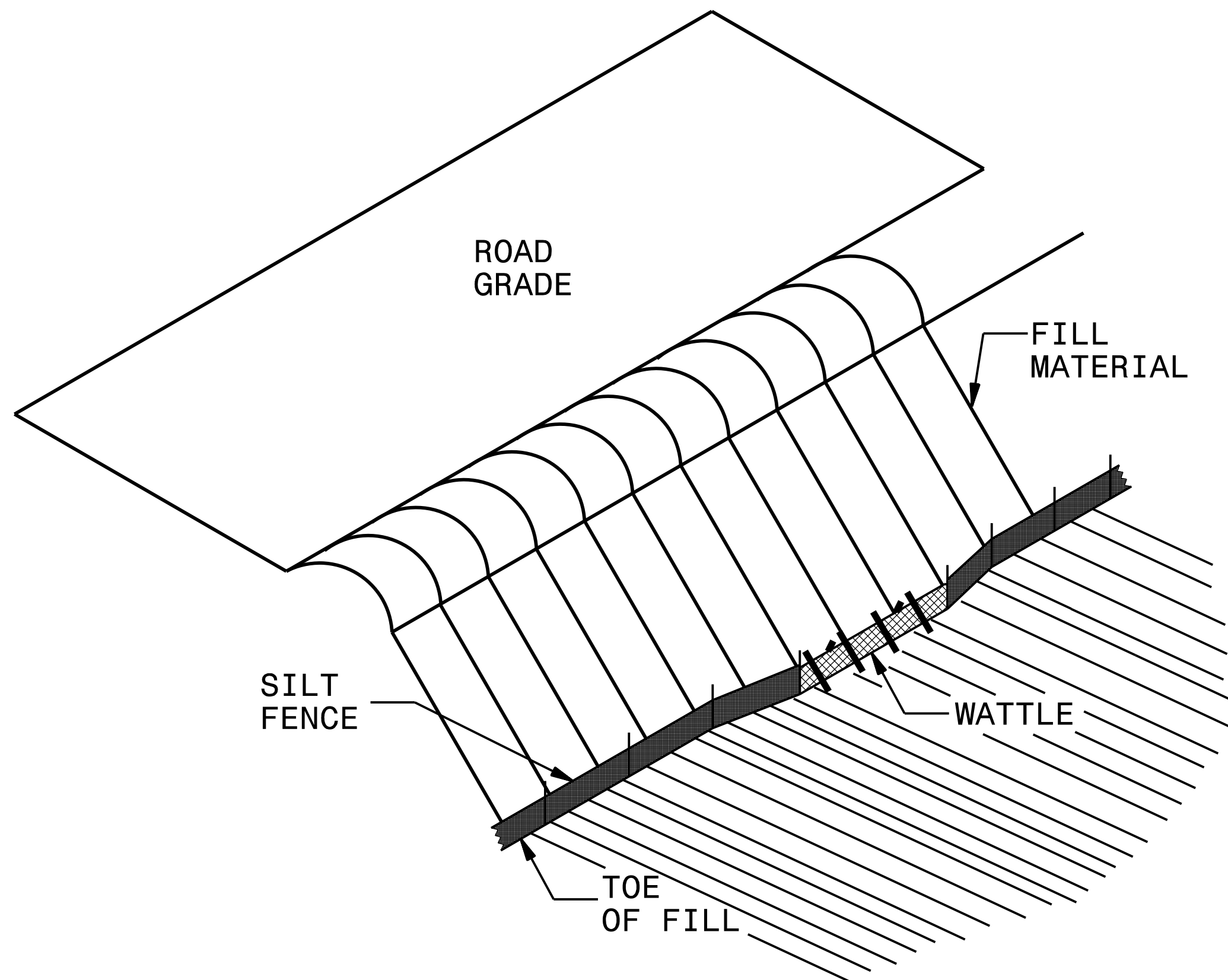
PROJECT REFERENCE NO.	SHEET NO.
W-5710X	EC-02
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

EROSION & SEDIMENT CONTROL LEGEND

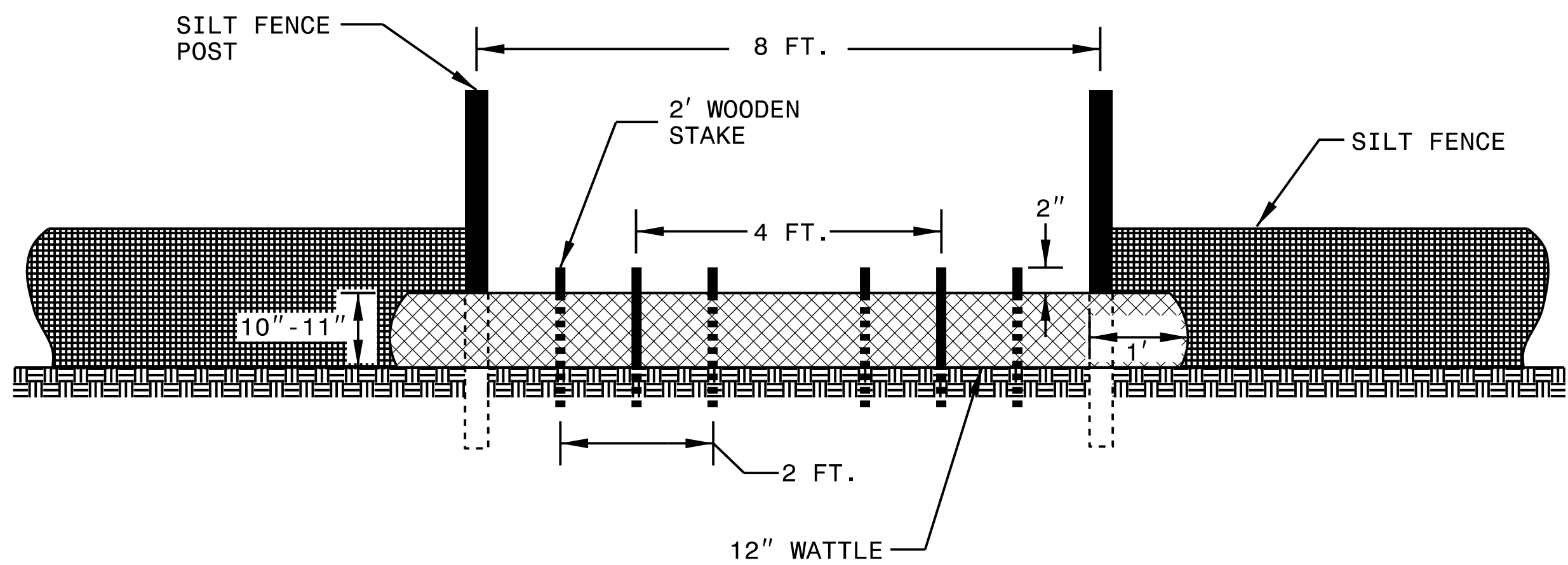
Std. #	Description	Symbol	Std. #	Description	Symbol
1605.01	Temporary Silt Fence		1633.01	Temporary Rock Silt Check Type A	
1606.01	Special Sediment Control Fence		1633.02	Temporary Rock Silt Check Type B	
1622.01	Temporary Berms and Slope Drains		1633.03	Temporary Rock Silt Check Type A with Excelsior 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		1636.03	Excelsior Wattle Barrier	
1632.02	Type B		1636.03	Coir Fiber Wattle Barrier	
1632.03	Type C				

SILT FENCE COIR FIBER WATTLE BREAK DETAIL

PROJECT REFERENCE NO.	SHEET NO.
W-5710X	EC-2A
R/W 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.

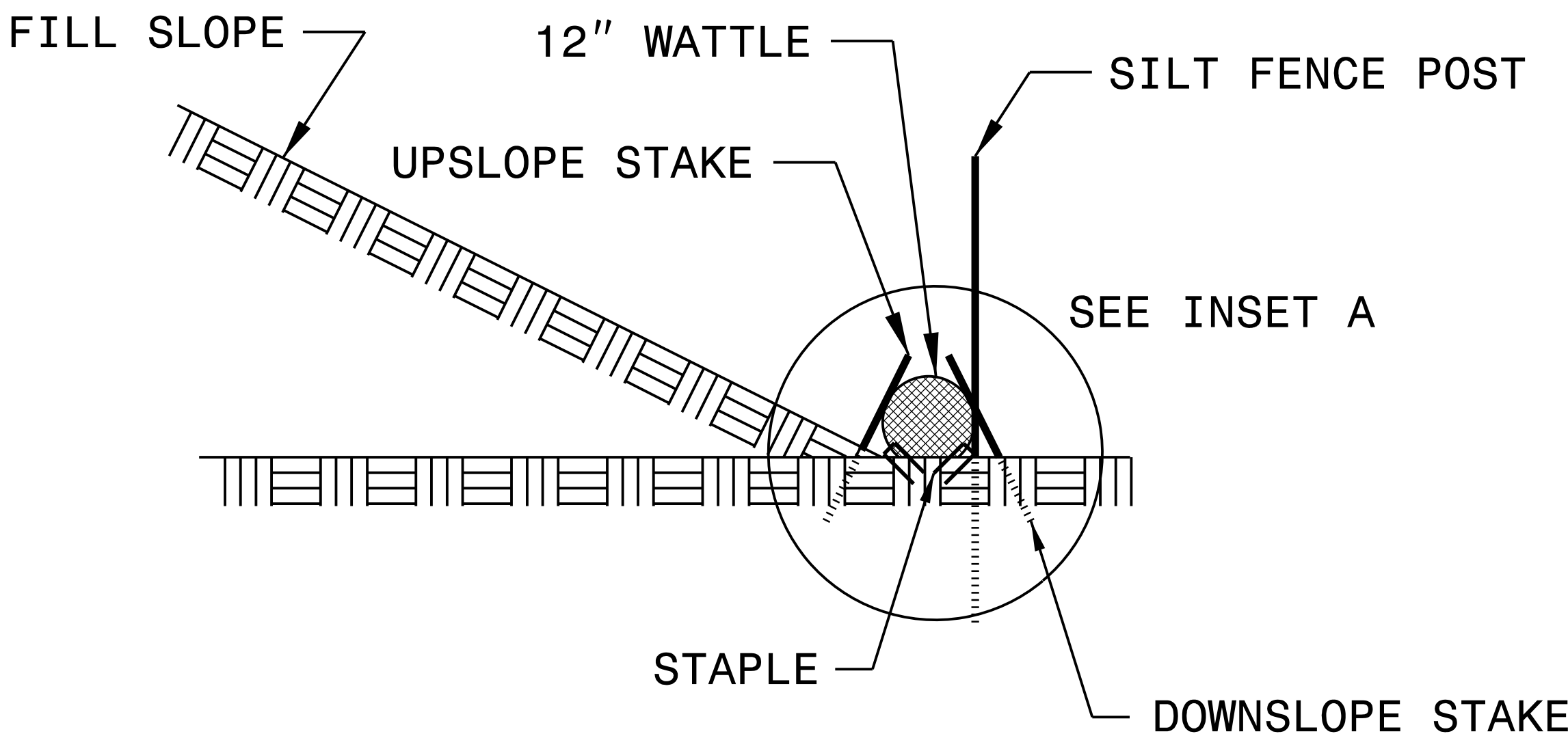
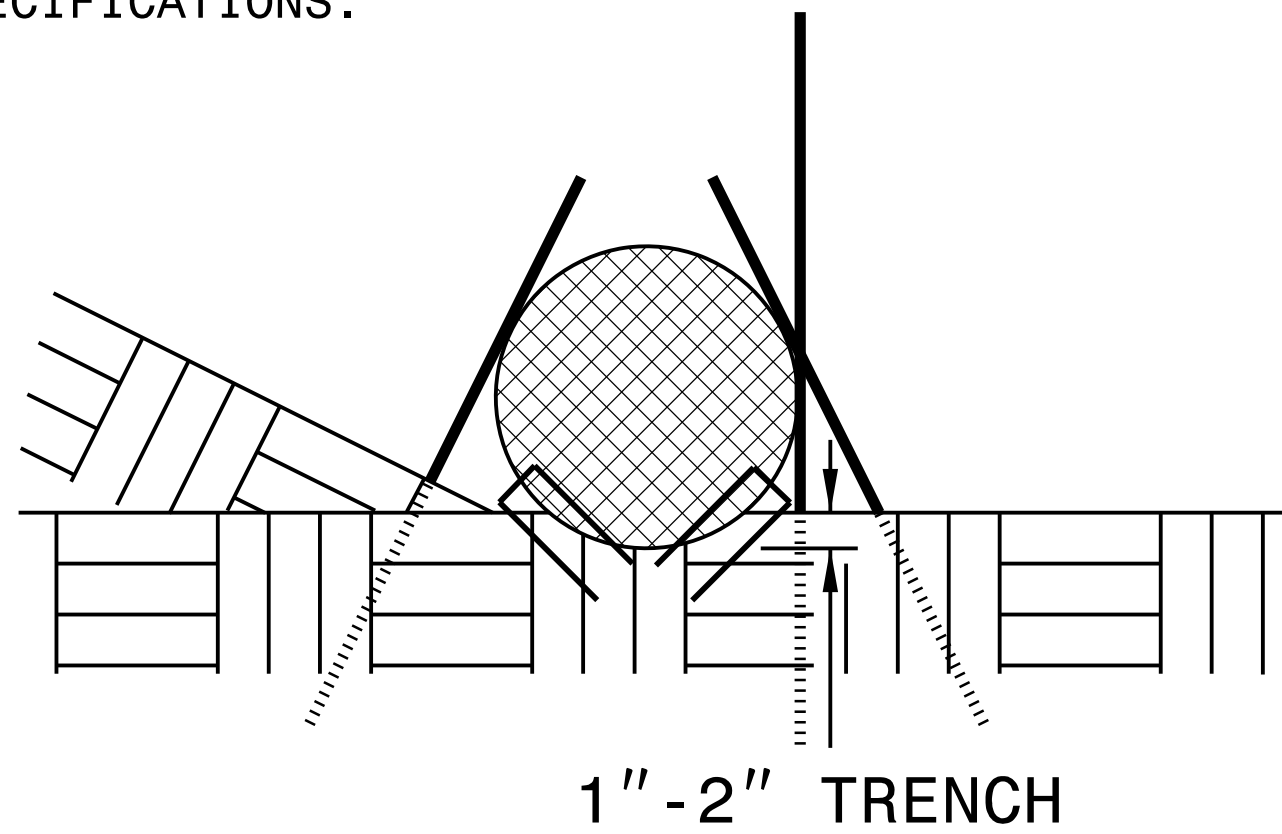
PROVIDE STAPLES MADE OF 11 GAUGE STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 6" IN LENGTH.

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.

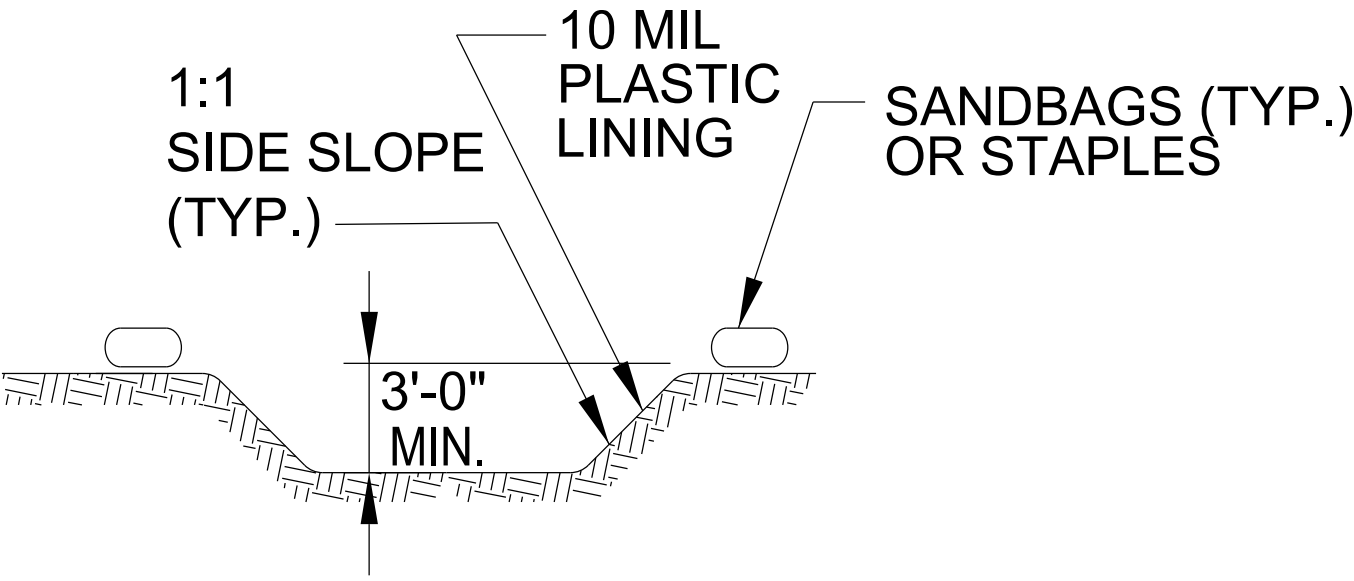
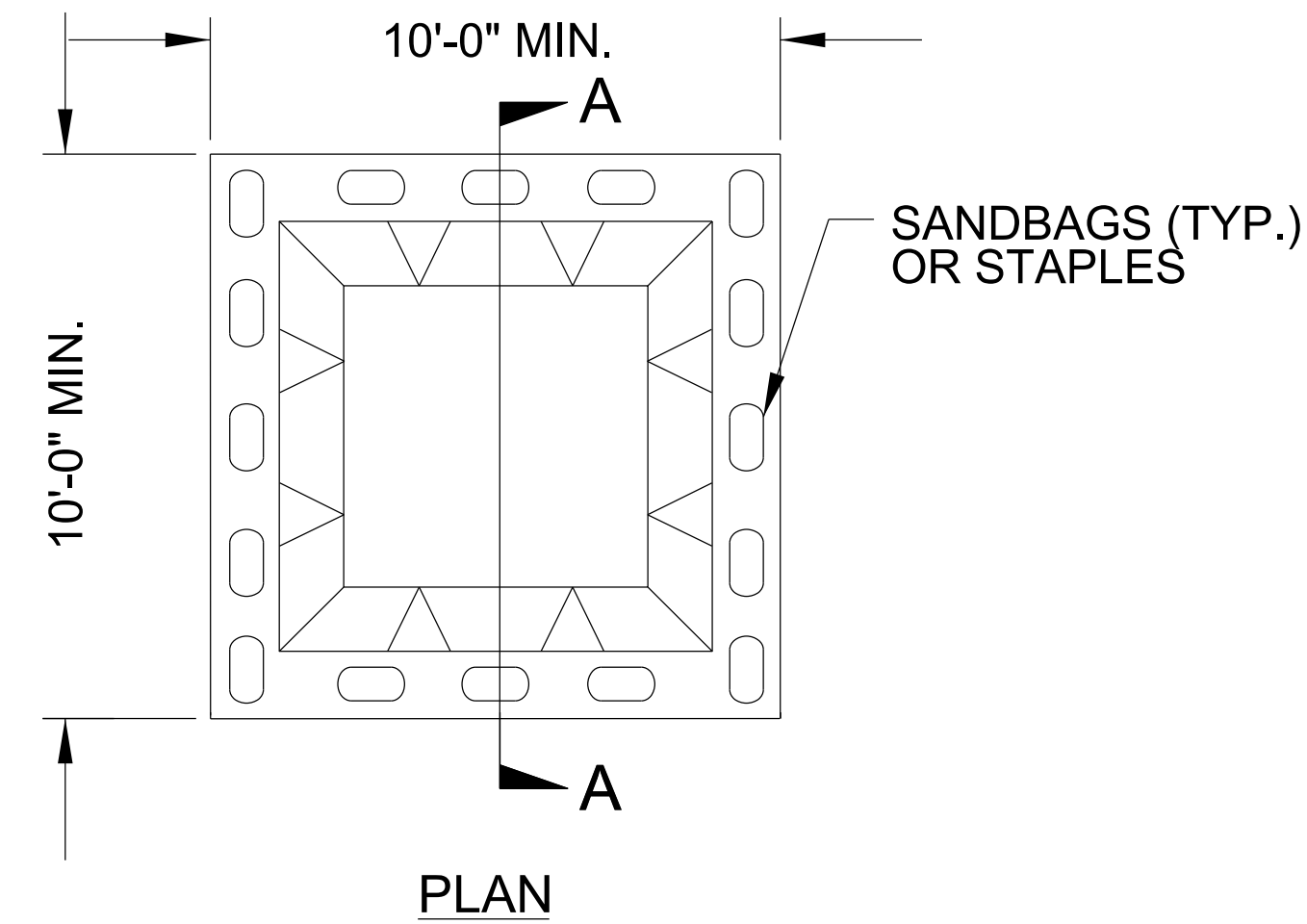
INSET A



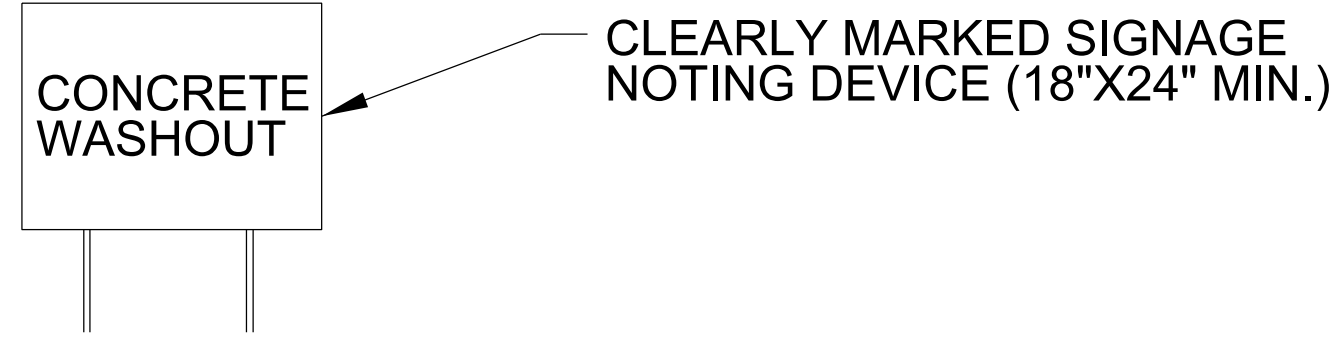
SIDE VIEW

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

PROJECT REFERENCE NO.	SHEET NO.
<i>W-5710X</i>	<i>EC-2B</i>
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

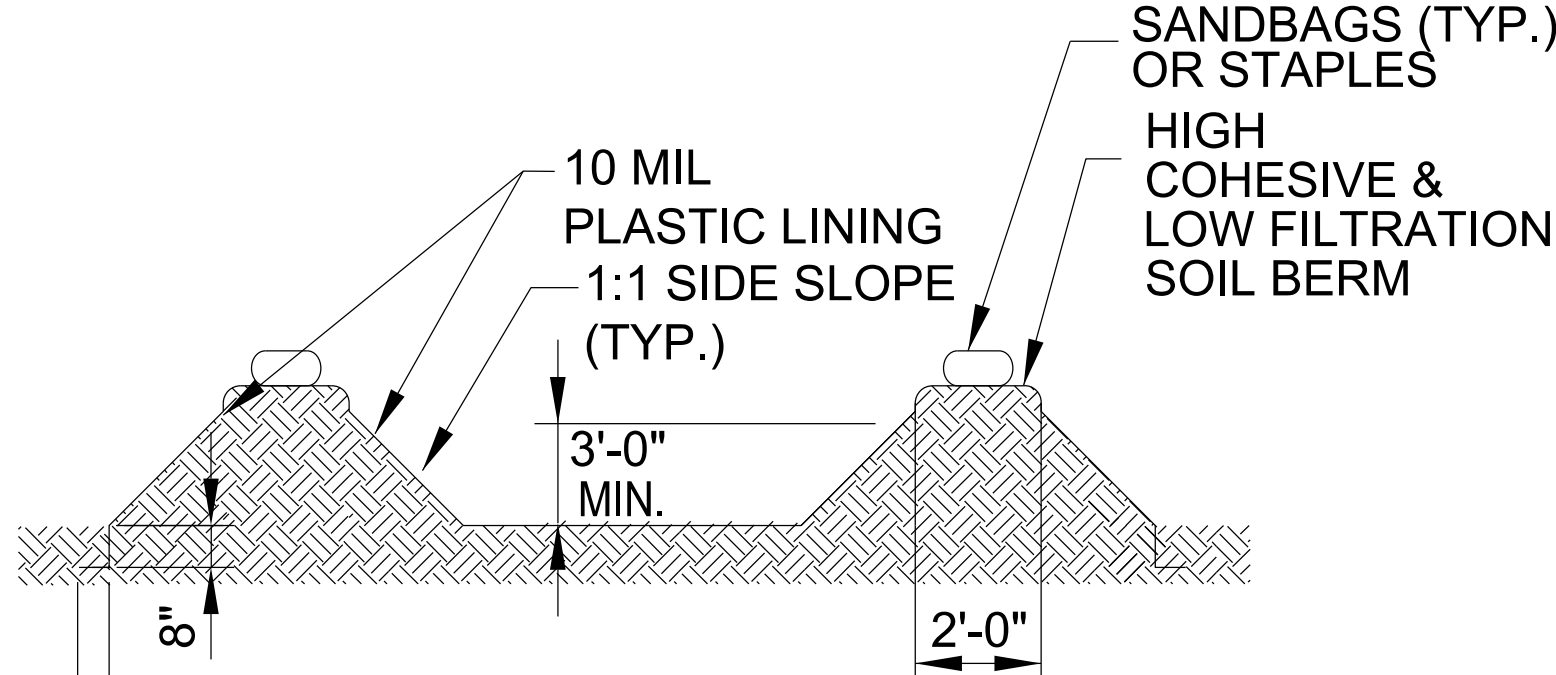
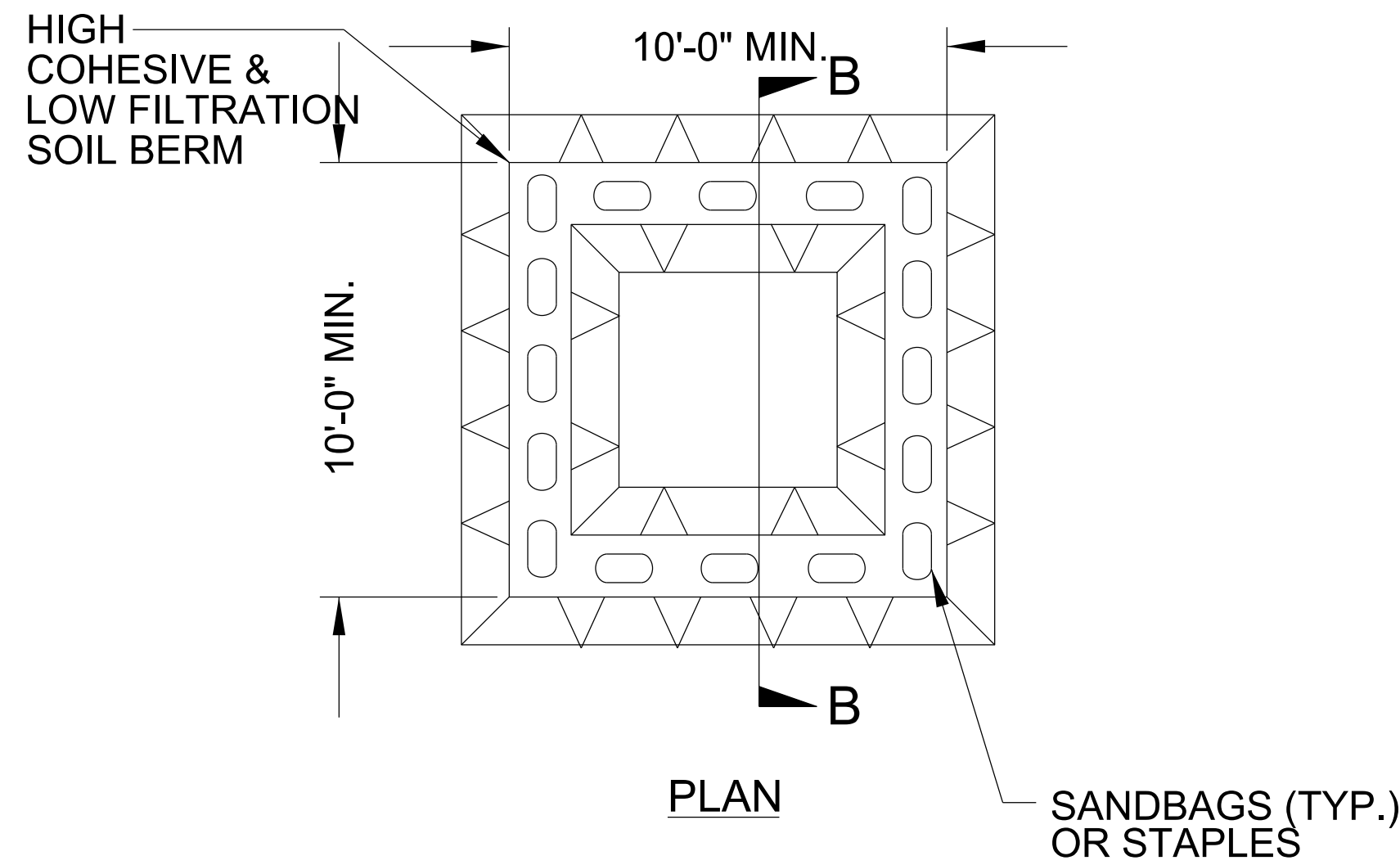


SECTION A-A

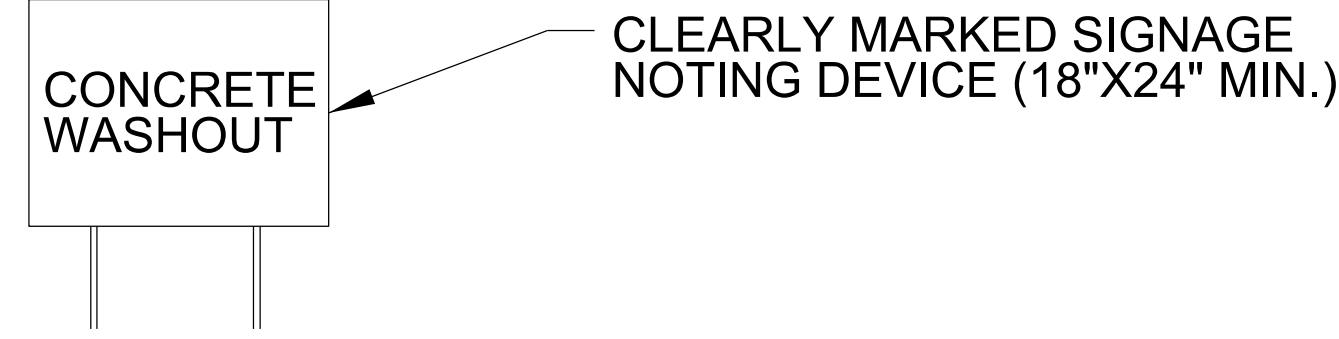


BELOW GRADE WASHOUT STRUCTURE
NOT TO SCALE

- 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.

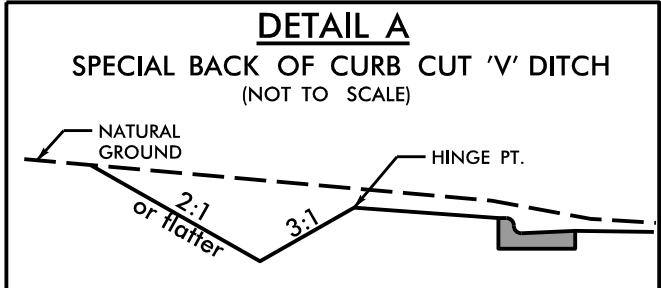


SECTION B-B

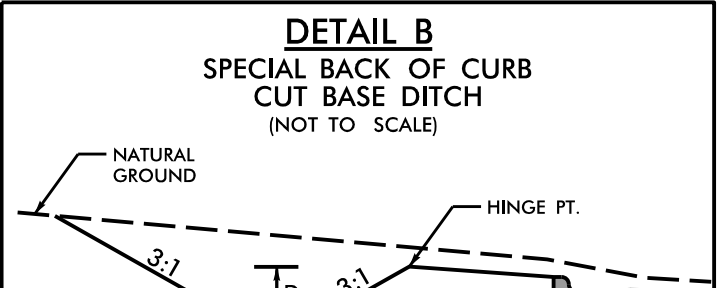


ABOVE GRADE WASHOUT STRUCTURE
NOT TO SCALE

- 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.

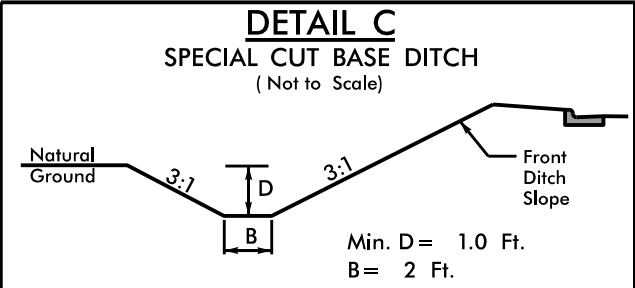


FROM -L1- STA. 14+00 RT TO STA. 14+50 RT
FROM -Y1- STA. 11+00 RT TO STA. 10+75.08 RT
FROM -RND1- STA. 10+50 RT TO STA. 10+35.1 RT

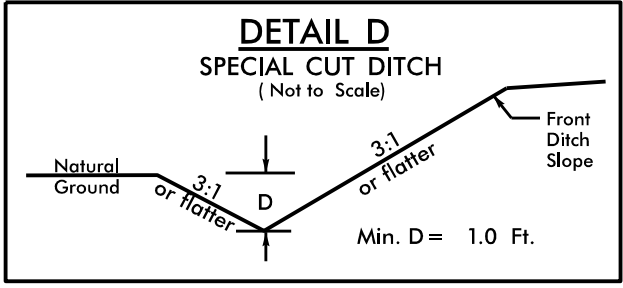


Min. D = 0.5 Ft.
B = 3 Ft.

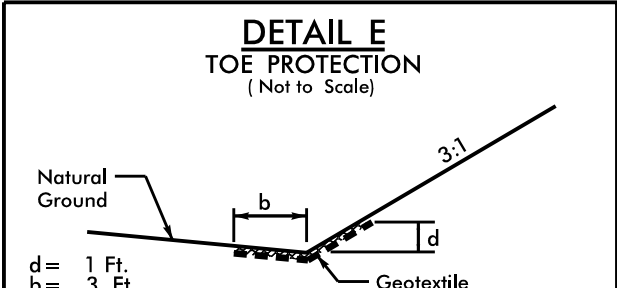
FROM -L1- STA. 14+50 RT TO STA. 15+10 RT
FROM -Y2- STA. 14+50 RT TO STA. 14+77.28 RT
FROM -RND1- STA. 12+75 RT TO STA. 13+20 RT
FROM -RND1- STA. 13+20 RT TO STA. 13+25 RT
FROM -L1- STA. 17+00 RT TO STA. 17+50 RT
FROM -L2- STA. 14+50 RT TO STA. 15+50 RT
FROM -L1- STA. 18+50 RT TO STA. 19+33.19 RT
FROM -RND2- STA. 12+00 TO STA. 12+32 RT
FROM -Y4- STA. 15+50 LT TO STA. 14+06 LT



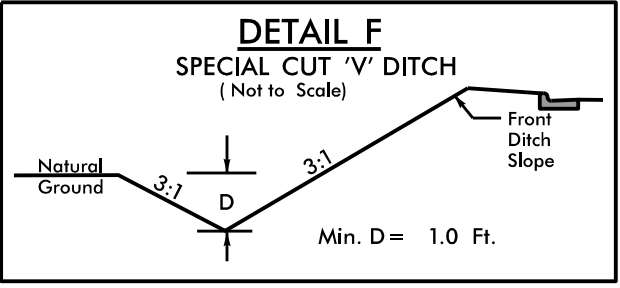
FROM -L1- STA. 14+35 LT TO STA. 15+00 LT



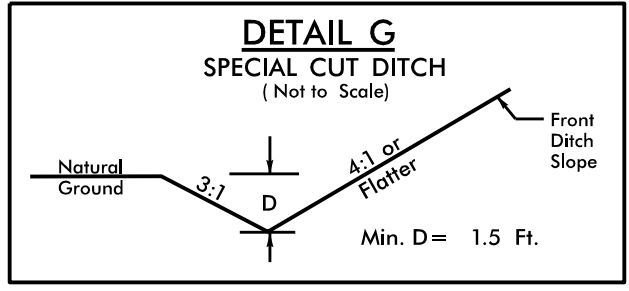
FROM -L1- STA. 11+50 RT TO STA. 12+00 RT
FROM -Y2- STA. 10+27.2, 35' LT TO STA. 12+15 LT
FROM -Y2- STA. 12+86 LT TO STA. 13+00 LT
FROM -Y3- STA. 14+75 RT TO STA. 16+23.22 RT
FROM -DR1- STA. 10+00 LT TO STA. 11+00 LT



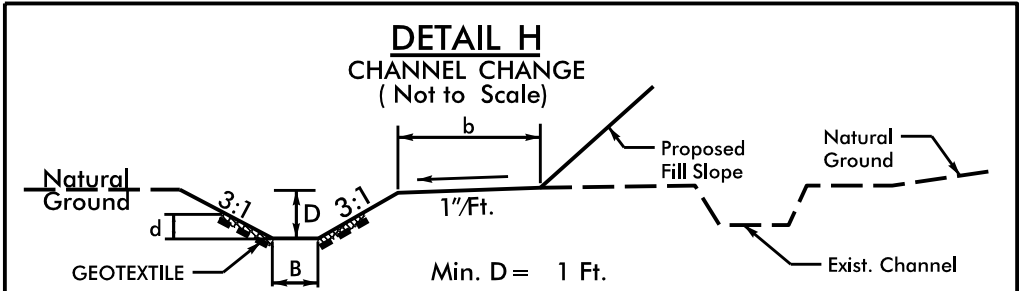
FROM -DR1- STA. 12+00 RT TO STA. 13+00 RT



FROM -L1- STA. 17+00 LT TO STA. 18+30.7, 54.6' LT
FROM -Y3- STA. 11+00 RT TO STA. 12+70 RT
FROM -Y3- STA. 13+42.5 RT TO STA. 14+75 RT
FROM -Y3- STA. 15+10 LT TO STA. 15+50 LT



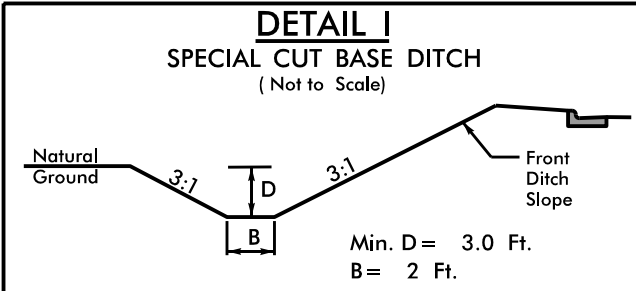
FROM -Y1- STA. 13+35 RT TO STA. 14+23.8, 14.4 RT



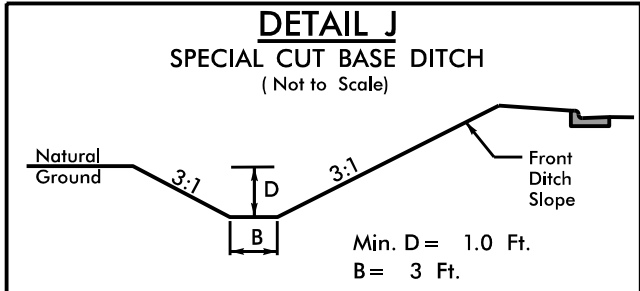
Min. D = 1 Ft.
Max. d = 2 Ft.
B = 4 Ft.
b = 3 Ft.
DDE = 100 CY

Type of Liner = Cl. 'B' Riprap

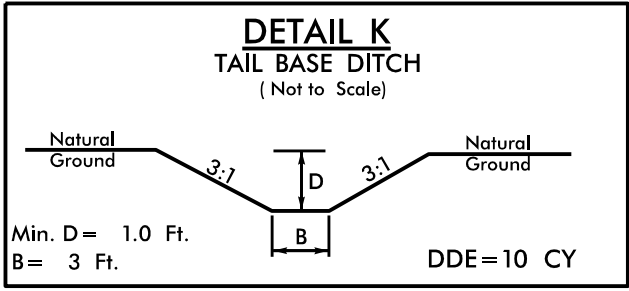
FROM -Y3- STA. 11+32.3, 52.0' LT TO STA. 12+25 LT



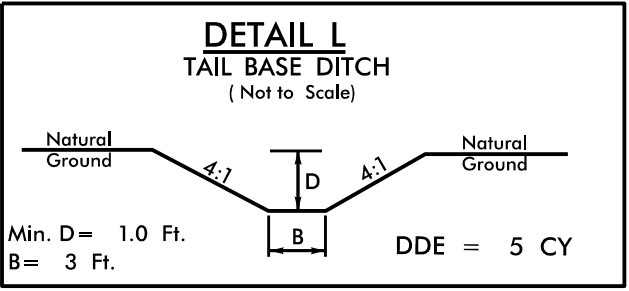
FROM -Y3- STA. 12+25 LT TO STA. 12+50 LT



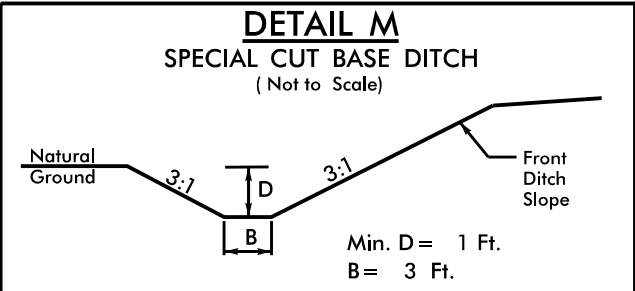
FROM -Y3- STA. 13+50 LT TO STA. 14+75 LT
FROM -RND2- STA. 10+50 RT TO STA. 10+19 RT
FROM -L2- STA. 11+00 LT TO STA. 12+60 LT
FROM -Y4- STA. 13+90 RT TO STA. 15+00 RT



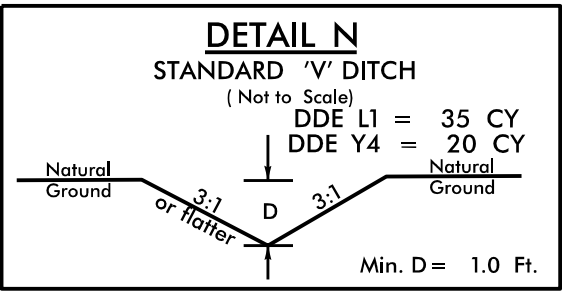
FROM -Y3- STA. 13+42.5, 42.8' RT TO STA. 13+38.5, 86.0' RT



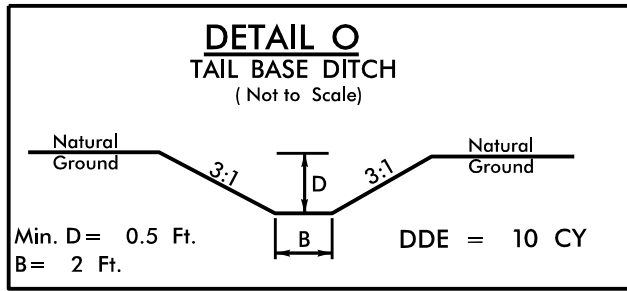
FROM -L2- STA. 15+50, 25.3' LT TO STA. 15+63.9, 57.6' LT



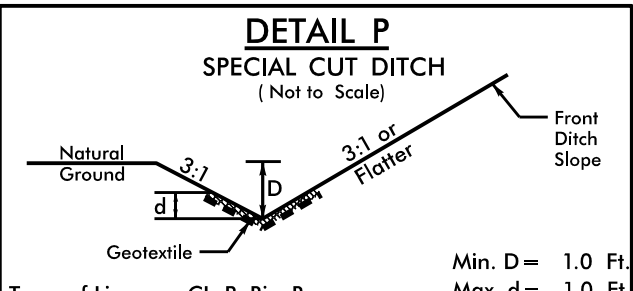
FROM -L2- STA. 12+60 LT TO STA. 13+15 LT



FROM -L1- STA. 10+85, 22.6' RT TO STA. 11+50 RT
FROM -Y4- STA. 11+40, 14.4' LT TO STA. 11+72, 18.0' LT



FROM -L1- STA. 19+31, 78.4' LT TO STA. 19+37, 107.7' LT



FROM -DR1- STA. 11+00 LT TO STA. 11+50 LT

DITCH DETAILS FOR
REFERENCE ONLY

NOTE: USE EXCELSIOR MATTING IN LOCATIONS
NOTED BELOW.
ALL OTHER LOCATIONS MAY UTILIZE STRAW
MATTING.

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

SOIL STABILIZATION SUMMARY SHEET

MATTING FOR EROSION CONTROL

MATTING FOR EROSION CONTROL

[illegible][illegible]

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

SOIL STABILIZATION SUMMARY SHEET

PERMANENT SOIL REINFORCEMENT MAT

[illegible]

PERMANENT SOIL REINFORCEMENT MAT

[illegible]

PROJECT REFERENCE NO.	SHEET NO.
<u>W-5710X</u>	<u>EC-3A</u>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

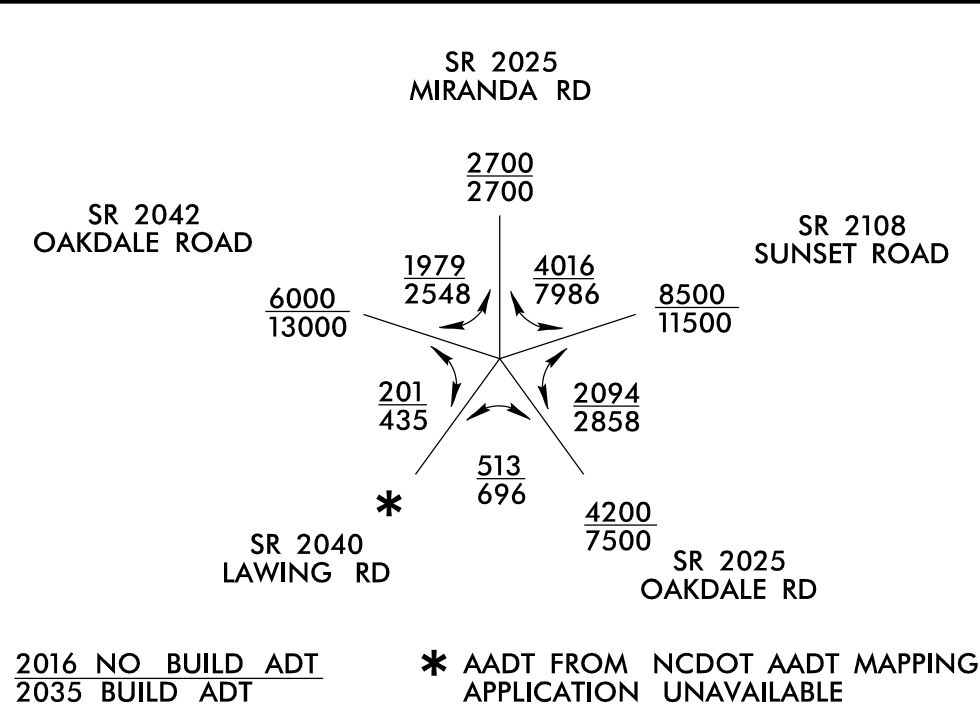
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
W-5710X	EC-3B
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

8/17/99



NOTE:
PIPES LABELED TO BE REMOVED MAY BE FILLED W/FLOWABLE FILL AND ABANDONED AT THE NCDOT FIELD ENGINEER'S DISCRETION.

NOTE:
IN SYSTEMS TO BE PLUGGED AND FILLED W/FLOWABLE FILL, REMOVE STRUCTURES. ALTERNATELY, REMOVE TOPS OF STRUCTURES TO ELEV. OF BOTTOM OF AGGREGATE ROADWAY BASE, AND FILL W/COMPACTED ABC OR FLOWABLE FILL AT NCDOT FIELD ENGINEER'S DISCRETION.

NOTE:
SEE SHEET 2B-3 FOR -RND1- PAVEMENT & CURB SPOT GRADING PLAN.

END CONSTRUCTION -Y1- STA. 15 + 16.64

FOR EXISTING DRAINAGE STRUCTURES ADJACENT TO ACTIVE TRAVEL WAYS, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAP - TYPE C BOTH SHOWN ON PLANS

BEGIN TIP PROJECT W-5710X -L1- STA. 11 + 00.00

BEGIN CONSTRUCTION -L1- STA. 10 + 67.93

-LI-	-Y1-	-DRI-
PI Sta 17+71.05 Δ = 24' 0" 26.5" (RT) D = 4' 58' 56.1" L = 482.19' T = 244.69' R = 1,150.00'	PI Sta 11+21.63 Δ = 5' 20' 31.3" (LT) D = 28' 38' 52.4" L = 179.22' T = 96.13' R = 200.00'	PI Sta 14+29.54 Δ = 12' 22' 13.9" (RT) D = 7' 04' 24.8" L = 174.88' T = 87.78' R = 810.00'
	PI Sta 12+73.31 Δ = 6' 16' 52.3" (RT) D = 4' 35' 01.2" L = 137.03' T = 68.59' R = 1,250.00'	PI Sta 13+37.33 Δ = 85' 43' 50.4" (RT) D = 163' 42' 08.0" L = 52.37' T = 32.48' R = 35.00'
-Y2-	-RND1-	
PI Sta 12+15.11 Δ = 29' 27' 32.6" (RT) D = 8' 11' 06.4" L = 359.91' T = 184.03' R = 700.00'	PI Sta 10+57.00 Δ = 90' 00' 00.0" (LT) D = 100' 31' 08.1" L = 89.54' T = 57.00' R = 57.00'	PI Sta 12+36.07 Δ = 90' 00' 00.0" (LT) D = 100' 31' 08.1" L = 89.54' T = 57.00' R = 57.00'
PI Sta 15+35.84 Δ = 6' 17' 54.1" (LT) D = 19' 05' 54.9" L = 32.98' T = 16.51' R = 300.00'	PI Sta 11+46.54 Δ = 90' 00' 00.0" (LT) D = 100' 31' 08.1" L = 89.54' T = 57.00' R = 57.00'	PI Sta 13+25.61 Δ = 90' 00' 00.0" (LT) D = 100' 31' 08.1" L = 89.54' T = 57.00' R = 57.00'

TRANSYSTEMS
1 Glenwood Avenue
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Fax: 919.789.9591
License: F-0453

KCI
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4800 Falls of Neuse Road, Suite 200
Raleigh, NC 27609
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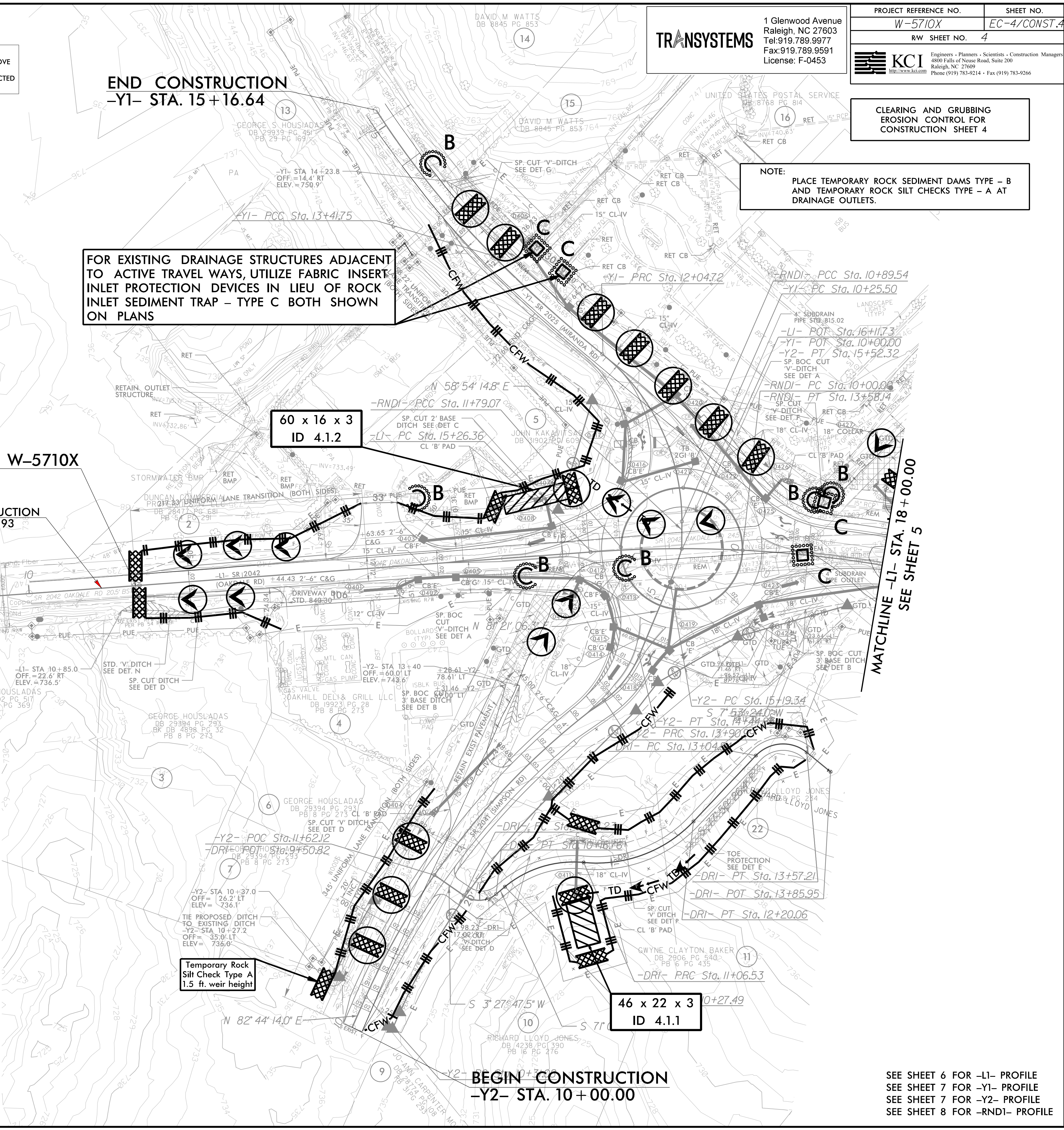
PROJECT REFERENCE NO.
W-5710X

SHEET NO.
EC-4/CONST.4

RW SHEET NO.
4

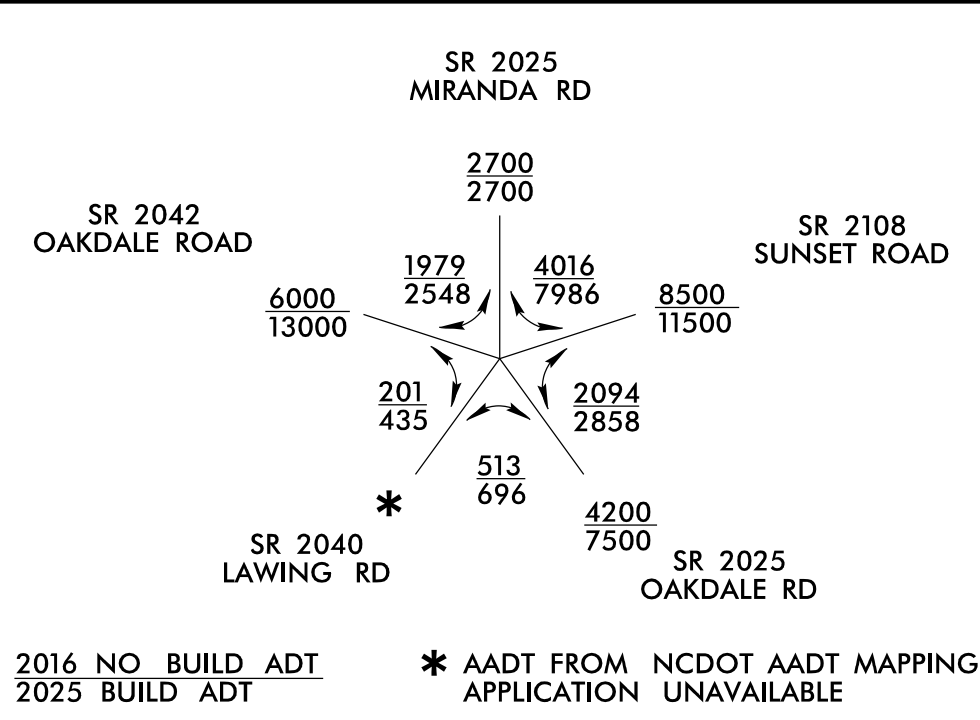
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 4

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



SEE SHEET 6 FOR -L1- PROFILE
SEE SHEET 7 FOR -Y1- PROFILE
SEE SHEET 7 FOR -Y2- PROFILE
SEE SHEET 8 FOR -RND1- PROFILE

8/17/99



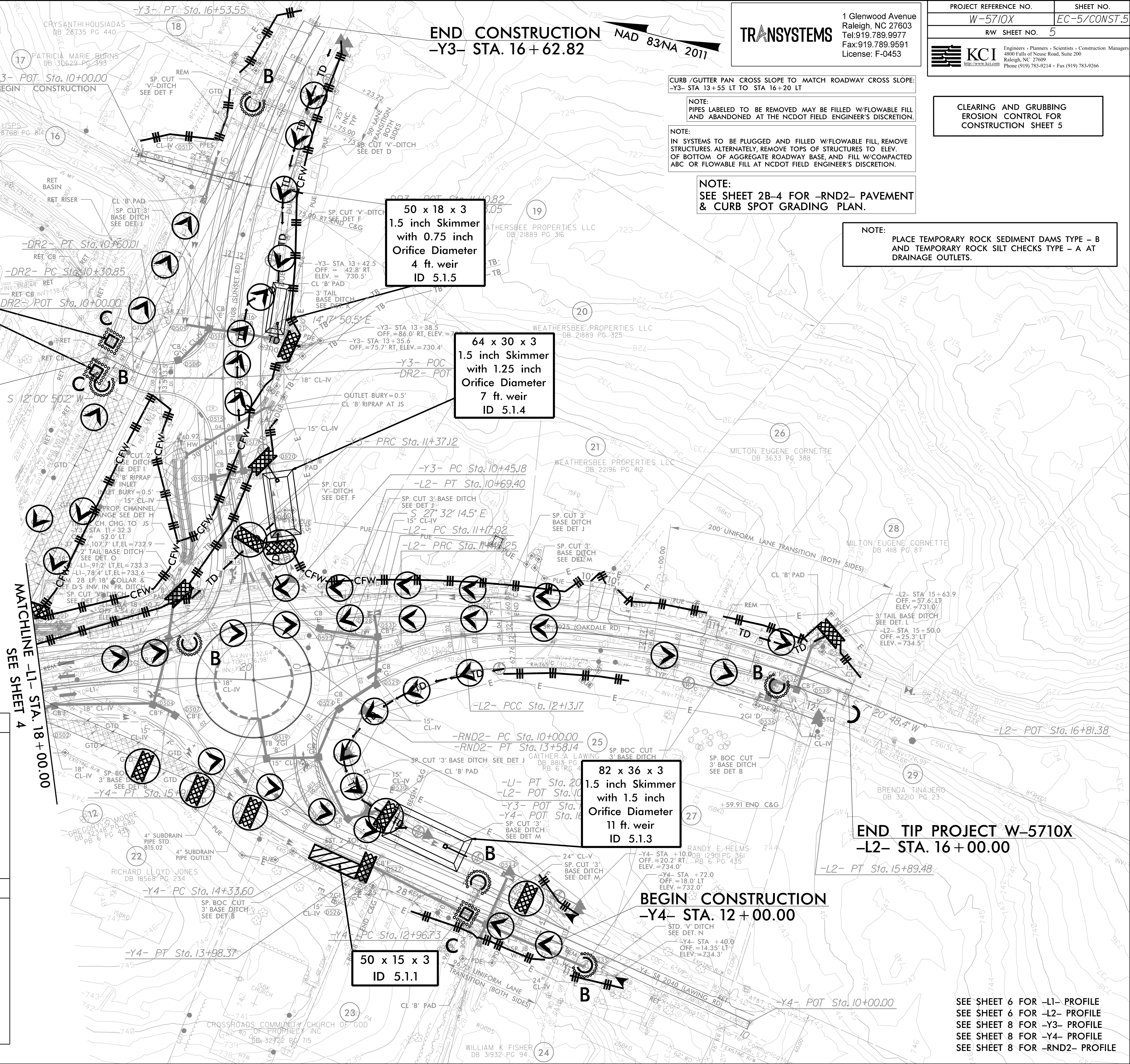
2016 NO. BUILD ADT
2025 BUILD ADT

* AADT FROM NCDOT AADT MAPPING APPLICATION UNAVAILABLE

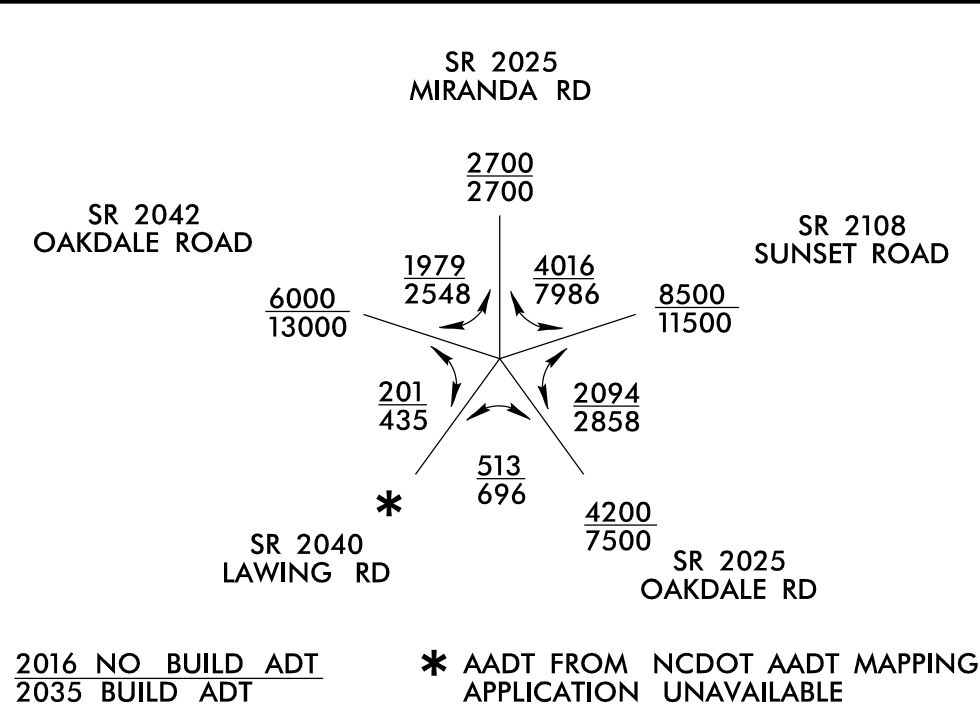
FOR EXISTING DRAINAGE STRUCTURES ADJACENT TO ACTIVE TRAVEL WAYS, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAP - TYPE C BOTH SHOWN ON PLANS

BEGIN CONSTRUCTION
-DR2- STA. 10+00.00

-L2-		-DR2-
PI Sta 10+34.76 Δ = 7° 57' 11.5" (LT) D = 11' 27" 33.0" L = 69.40' T = 34.76' R = 500.00'	PI Sta 11+33.15 Δ = 6° 42' 56.9" (LT) D = 20' 50' 05.4" L = 32.23' T = 16.14' R = 275.00'	PI Sta 10+45.69 Δ = 26° 18' 40.7" (LT) D = 90' 13' 46.5" L = 29.16' T = 14.84' R = 63.50'
PI Sta 11+81.39 Δ = 14° 38' 54.1" (RT) D = 22° 55' 05.9" L = 63.92' T = 32.13' R = 250.00'	PI Sta 14+04.87 Δ = 26° 57' 05.7" (RT) D = 7° 09' 43.1" L = 376.32' T = 191.71' R = 800.00'	
-Y3-	-Y4-	-RND2-
PI Sta 10+91.28 Δ = 10° 32' 07.6" (LT) D = 11' 27" 33.0" L = 91.94' T = 46.10' R = 500.00'	PI Sta 13+47.55 Δ = 1° 00' 59.2" (LT) D = 1° 00' 00.0" L = 101.64' T = 50.82' R = 5,729.58'	PI Sta 10+00.00 Δ = 359° 58' 43.4" (LT) D = 100' 31' 08.1" L = 358.14' T = 0.01' R = 57.00'
PI Sta 14+06.67 Δ = 40° 31' 59.8" (RT) D = 7° 50' 55.5" L = 516.43' T = 269.55' R = 730.00'	PI Sta 15+20.51 Δ = 60° 10' 32.7" (RT) D = 38° 11' 49.9" L = 157.54' T = 86.91' R = 150.00'	



8/17/99



NOTE:
PIPES LABELED TO BE REMOVED MAY BE FILLED W/FLOWABLE FILL
AND ABANDONED AT THE NCDOT FIELD ENGINEER'S DISCRETION.

NOTE:
IN SYSTEMS TO BE PLUGGED AND FILLED W/FLOWABLE FILL, REMOVE
STRUCTURES. ALTERNATELY, REMOVE TOPS OF STRUCTURES TO ELEV.
OF BOTTOM OF AGGREGATE ROADWAY BASE, AND FILL W/COMPACTED
ABC OR FLOWABLE FILL AT NCDOT FIELD ENGINEER'S DISCRETION.

NOTE:
SEE SHEET 2B-3 FOR -RND1- PAVEMENT
& CURB SPOT GRADING PLAN.

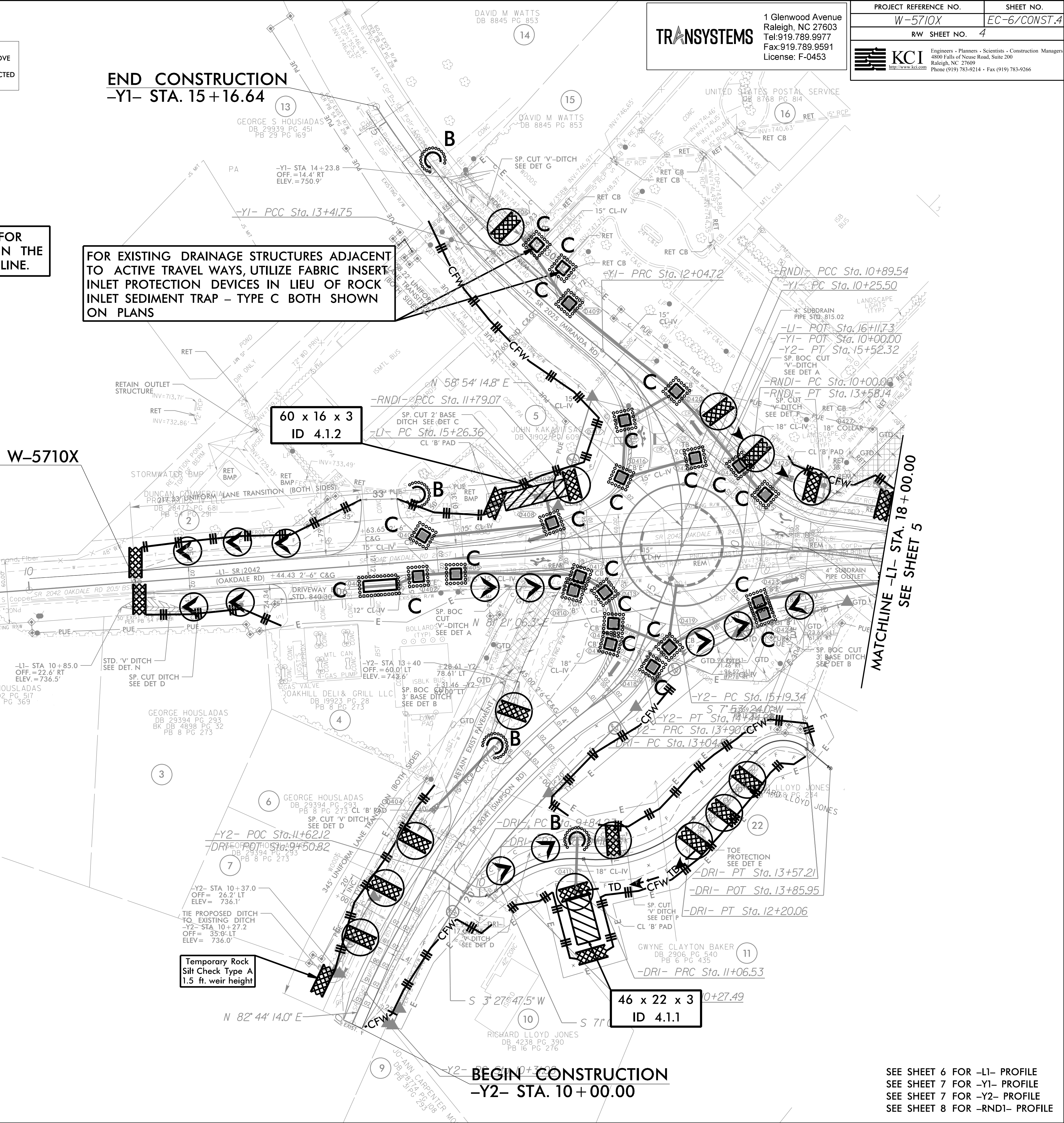
INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.

END CONSTRUCTION
-Y1- STA. 15 + 16.64

FOR EXISTING DRAINAGE STRUCTURES ADJACENT
TO ACTIVE TRAVEL WAYS, UTILIZE FABRIC INSERT
INLET PROTECTION DEVICES IN LIEU OF ROCK
INLET SEDIMENT TRAP - TYPE C BOTH SHOWN
ON PLANS

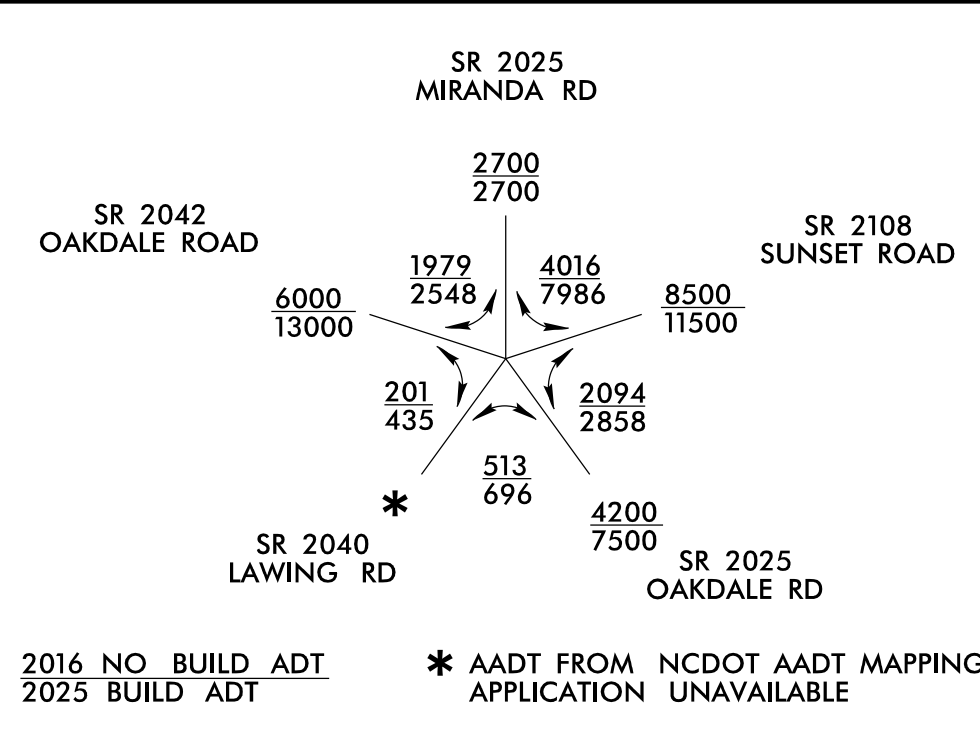
BEGIN TIP PROJECT W-5710X
-L1- STA. 11 + 00.00

-L1-	-Y1-	-DRI-
$PI\ Sta\ 17+71.05$ $\Delta = 24^{\circ} 01' 26.5" (RT)$ $D = 4^{\circ} 58' 56.1"$ $L = 482.19'$ $T = 244.69'$ $R = 1,150.00'$	$PI\ Sta\ 11+21.63$ $\Delta = 51^{\circ} 20' 31.3" (LT)$ $D = 28^{\circ} 38' 52.4"$ $L = 179.22'$ $T = 96.13'$ $R = 200.00'$ $PI\ Sta\ 12+73.31$ $\Delta = 6^{\circ} 16' 52.3" (RT)$ $D = 4^{\circ} 35' 01.2"$ $L = 137.03'$ $T = 68.59'$ $R = 1,250.00'$	$PI\ Sta\ 14+29.54$ $\Delta = 12^{\circ} 22' 13.9" (RT)$ $D = 7^{\circ} 04' 24.8"$ $L = 174.88'$ $T = 87.78'$ $R = 810.00'$ $PI\ Sta\ 13+37.33$ $\Delta = 85^{\circ} 43' 50.4" (RT)$ $D = 163^{\circ} 42' 08.0"$ $L = 52.37'$ $T = 32.48'$ $R = 35.00'$
-Y2-	-RND1-	
$PI\ Sta\ 12+15.11$ $\Delta = 29^{\circ} 27' 32.6" (RT)$ $D = 8^{\circ} 11' 06.4"$ $L = 359.91'$ $T = 184.03'$ $R = 700.00'$ $PI\ Sta\ 15+35.84$ $\Delta = 6^{\circ} 17' 54.1" (LT)$ $D = 19^{\circ} 05' 54.9"$ $L = 32.98'$ $T = 16.51'$ $R = 300.00'$	$PI\ Sta\ 10+57.00$ $\Delta = 90^{\circ} 00' 00.0" (LT)$ $D = 100^{\circ} 31' 08.1"$ $L = 89.54'$ $T = 57.00'$ $R = 57.00'$ $PI\ Sta\ 11+46.54$ $\Delta = 90^{\circ} 00' 00.0" (LT)$ $D = 100^{\circ} 31' 08.1"$ $L = 89.54'$ $T = 57.00'$ $R = 57.00'$ $PI\ Sta\ 12+36.07$ $\Delta = 90^{\circ} 00' 00.0" (LT)$ $D = 100^{\circ} 31' 08.1"$ $L = 89.54'$ $T = 57.00'$ $R = 57.00'$ $PI\ Sta\ 13+25.61$ $\Delta = 90^{\circ} 00' 00.0" (LT)$ $D = 100^{\circ} 31' 08.1"$ $L = 89.54'$ $T = 57.00'$ $R = 57.00'$	



SEE SHEET 6 FOR -L1- PROFILE
SEE SHEET 7 FOR -Y1- PROFILE
SEE SHEET 7 FOR -Y2- PROFILE
SEE SHEET 8 FOR -RND1- PROFILE

8/17/99



FOR EXISTING DRAINAGE STRUCTURES ADJACENT TO ACTIVE TRAVEL WAYS, UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAP - TYPE C BOTH SHOWN ON PLANS

BEGIN CONSTRUCTION
-DR2- STA. 10+00.00

-L2-		-DR2-
PI Sta. 10+34.76 Δ = 7° 57' 11.5" (LT) D = 11' 27" 33.0" L = 69.40' T = 34.76' R = 500.00'	PI Sta. 11+33.15 Δ = 6° 42' 56.9" (LT) D = 20' 50' 05.4" L = 32.23' T = 16.14' R = 275.00'	PI Sta. 10+45.69 Δ = 26° 18' 40.7" (LT) D = 90' 13' 46.5" L = 29.16' T = 14.84' R = 63.50'
PI Sta. 11+81.39 Δ = 14° 38' 54.1" (RT) D = 22° 55' 05.9" L = 63.92' T = 32.13' R = 250.00'	PI Sta. 14+04.87 Δ = 26° 57' 05.7" (RT) D = 7° 09' 43.1" L = 376.32' T = 191.71' R = 800.00'	
-Y3-	-Y4-	-RND2-
PI Sta. 10+91.28 Δ = 10° 32' 07.6" (LT) D = 11' 27" 33.0" L = 91.94' T = 46.10' R = 500.00'	PI Sta. 13+47.55 Δ = 1° 00' 59.2" (LT) D = 1° 00' 00.0" L = 101.64' T = 50.82' R = 5,729.58'	PI Sta. 10+00.00 Δ = 359° 58' 43.4" (LT) D = 100' 31' 08.1" L = 358.14' T = 0.01' R = 57.00'
PI Sta. 14+06.67 Δ = 40° 31' 59.8" (RT) D = 7° 50' 55.5" L = 516.43' T = 269.55' R = 730.00'	PI Sta. 15+20.51 Δ = 60° 10' 32.7" (RT) D = 38° 11' 49.9" L = 157.54' T = 86.91' R = 150.00'	

