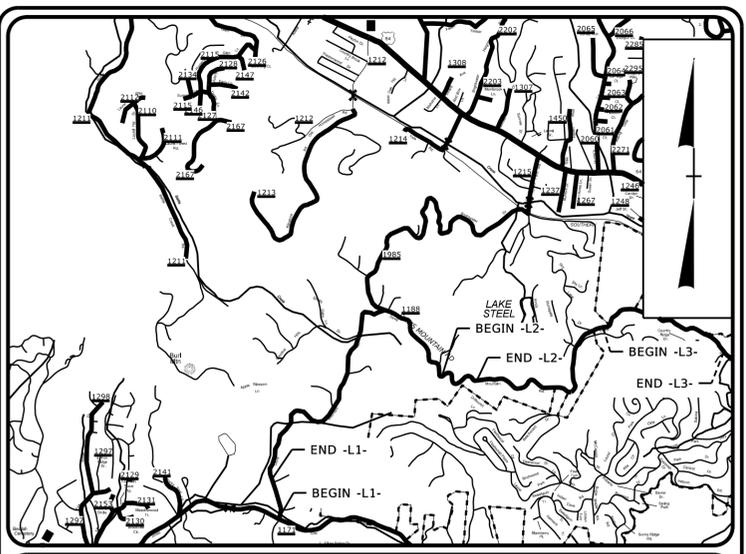


**TIP PROJECT: DF18314.2045155W03294**



**VICINITY MAP**  
NOT TO SCALE

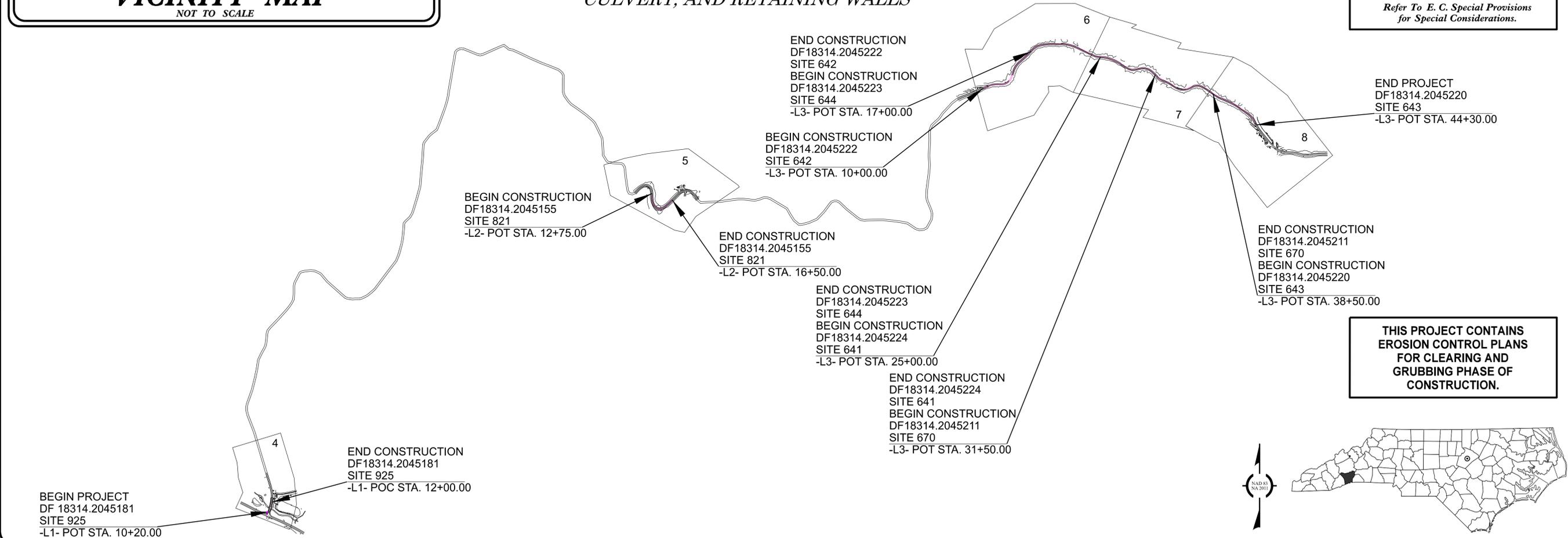
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**PLAN FOR PROPOSED  
HIGHWAY EROSION CONTROL**  
**HENDERSON COUNTY**

*ROADWAY REPAIRS ON SR-1188 (DAVIS MOUNTAIN RD) FROM  
SR-1171 (HEBRON RD) TO 3.3 MILES NORTH OF SR-1171 (HEBRON RD)*  
TYPE OF WORK: *GRADING, PAVING, DRAINAGE,  
CULVERT, AND RETAINING WALLS*

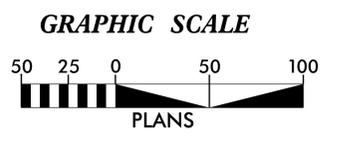
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	DF18314.2045155	EC-1
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
DF18314.2045181	925	
DF18314.2045155	821	
DF18314.2045222	642	
DF18314.2045223	644	
DF18314.2045224	641	
DF18314.2045211	670	
DF18314.2045220	643	

**THIS PROJECT HAS  
BEEN DESIGNED TO  
SENSITIVE WATERSHED  
STANDARDS.**

**ENVIRONMENTALLY  
SENSITIVE AREA(S) EXIST  
ON THIS PROJECT**  
*Refer To E. C. Special Provisions  
for Special Considerations.*



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



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:

**cma**  
CHEN MOORE AND ASSOCIATES  
5000 CENTREGREEN WAY, SUITE 565  
CARY, NC 27513  
NC LICENSE No. C-5190

Designed by:

**COLE BENJAMIN, P.E.** 3977  
NAME LEVEL III CERTIFICATION NO.

Roadway Standard Drawings

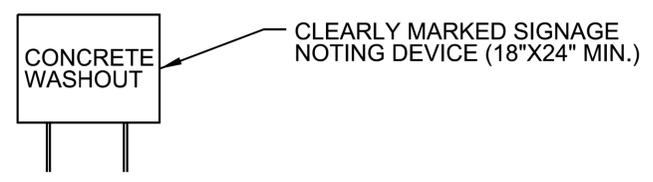
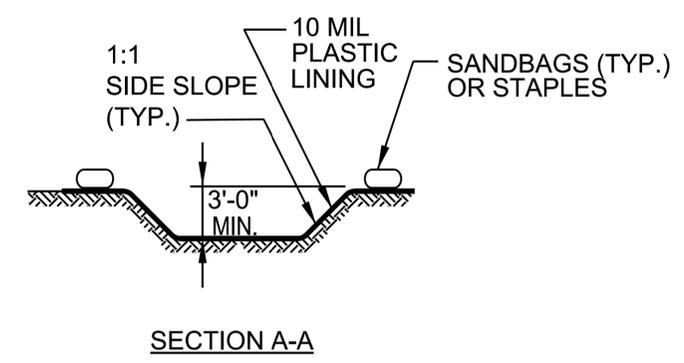
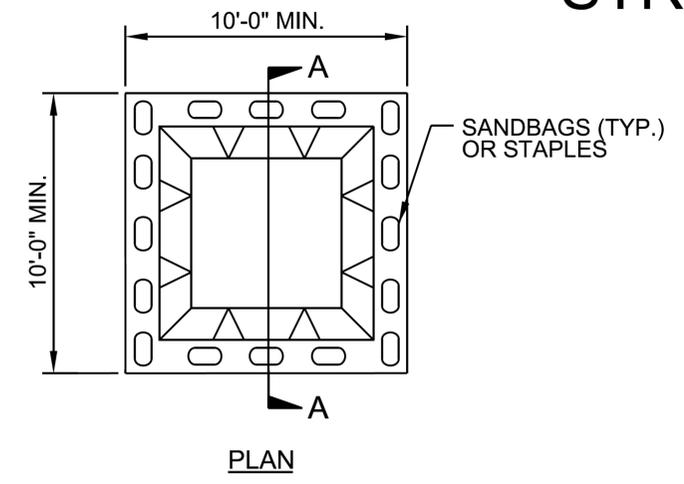
The "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2024 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

# DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

## EROSION & SEDIMENT CONTROL LEGEND

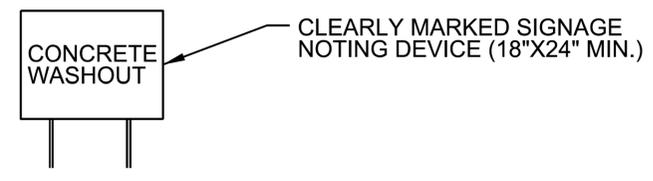
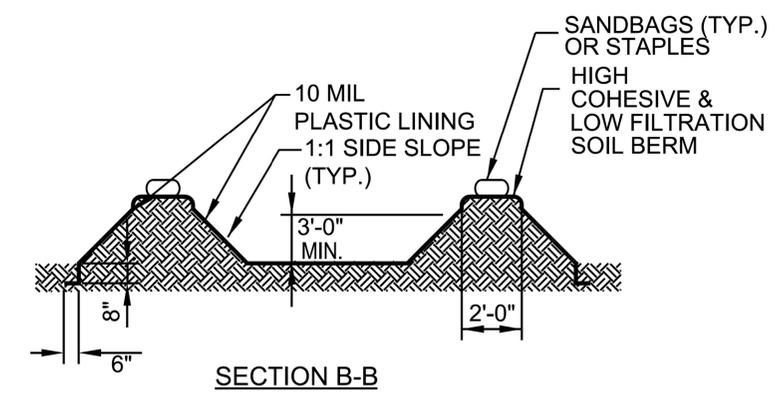
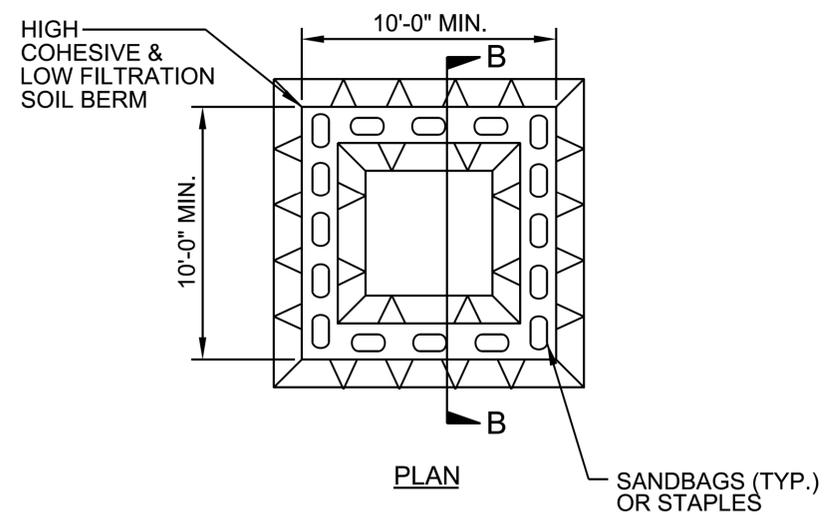
Std. #	Description	Symbol	Std. #	Description	Symbol
1605.01	Temporary Silt Fence		1633.01	Temporary Rock Silt Check Type A	
1606.01	Special Sediment Control Fence		1633.02	Temporary Rock Silt Check Type B	
1622.01	Temporary Berms and Slope Drains		1633.03	Temporary Rock Silt Check Type A with Excelsior 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		1636.02	Excelsior Wattle Barrier	
1632.02	Type B		1636.03	Coir Fiber Wattle Barrier	
1632.03	Type C				

# ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



**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.



**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

## SOIL STABILIZATION SUMMARY SHEET

### MATTING FOR EROSION CONTROL ON SLOPES

### MATTING FOR EROSION CONTROL ON SLOPES

FEMA SITE NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
821	L2	14+95	15+03	RT	11
				SUBTOTAL	11
	MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER				1
				TOTAL	12
				SAY	15
642	L3	10+00	12+18	RT	991
642	L3	12+36	12+55	RT	38
642	L3	13+51	15+10	RT	469
642	L3	15+10	17+00	RT	104
				SUBTOTAL	1602
	MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER				161
				TOTAL	1763
				SAY	1770
644	L3	17+00	17+20	RT	11
644	L3	17+40	17+76	RT	13
644	L3	18+91	19+12	RT	31
644	L3	22+52	22+85	RT	84
644	L3	23+25	23+41	RT	9
644	L3	24+32	24+36	RT	3
				SUBTOTAL	151
	MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER				14
				TOTAL	165
				SAY	170

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
641	L3	28+77	28+94	RT	387
				SUBTOTAL	387
	MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER				39
				TOTAL	426
				SAY	430
670	L3	32+65	33+41	RT	248
670	L3	35+60	36+41	RT	185
				SUBTOTAL	433
	MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER				44
				TOTAL	477
				SAY	480
643	L3	38+58	39+23	RT	245
643	L3	40+59	41+35	RT	58
				SUBTOTAL	303
	MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER				31
				TOTAL	334
				SAY	340
				DITCH TOTAL	120
				SLOPE TOTAL	3205
	MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER				6000
				TOTAL	9325
				SAY	10000

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

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# *SOIL STABILIZATION TIMEFRAMES*

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
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

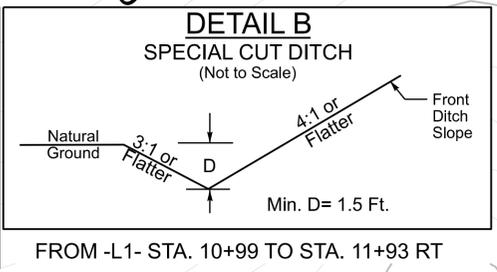
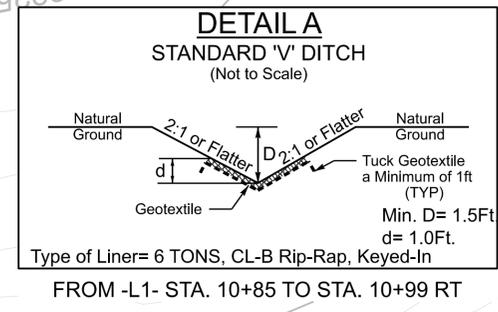


BEGIN TIP PROJECT  
DF18314.2045181  
SITE 925  
-L1-STA. 10+20.00



AT THE DATE OF THE FIELD INVESTIGATION, THE EXISTING ROADSIDE DRAINAGE DITCH WAS DRY AND APPEARED STABLE. THE CULVERT CROSSING HAD BEEN REPLACED WITH A TEMPORARY ELLIPTICAL CMP AND THE ROADWAY SLOPES WERE TEMPORARILY STABILIZED.

FIELD LOCATED 18" CMP. FAIR CONDITION. NOT INCLUDED IN FINAL SURVEY.



 ENVIRONMENTALLY SENSITIVE AREA  
SEE PROJECT SPECIAL PROVISIONS

END OF CONSTRUCTION  
DF181312.2045181  
SITE 925  
-L1- STA. 12+00.00

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 4

NOTE:  
EXCELSIOR OR OTHER MESH TYPE NETTING  
IS NOT ALLOWED IN OR ON STREAM BANKS.

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

NOTE:  
UTILIZE TEMPORARY SEDIMENT BASIN OR SPECIAL STILLING  
BASIN(S) AS STILLING BASIN WHERE APPLICABLE.

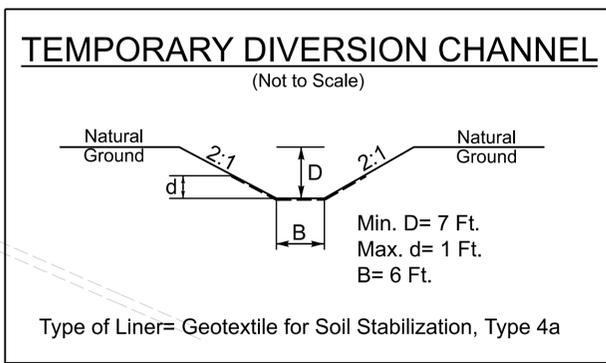
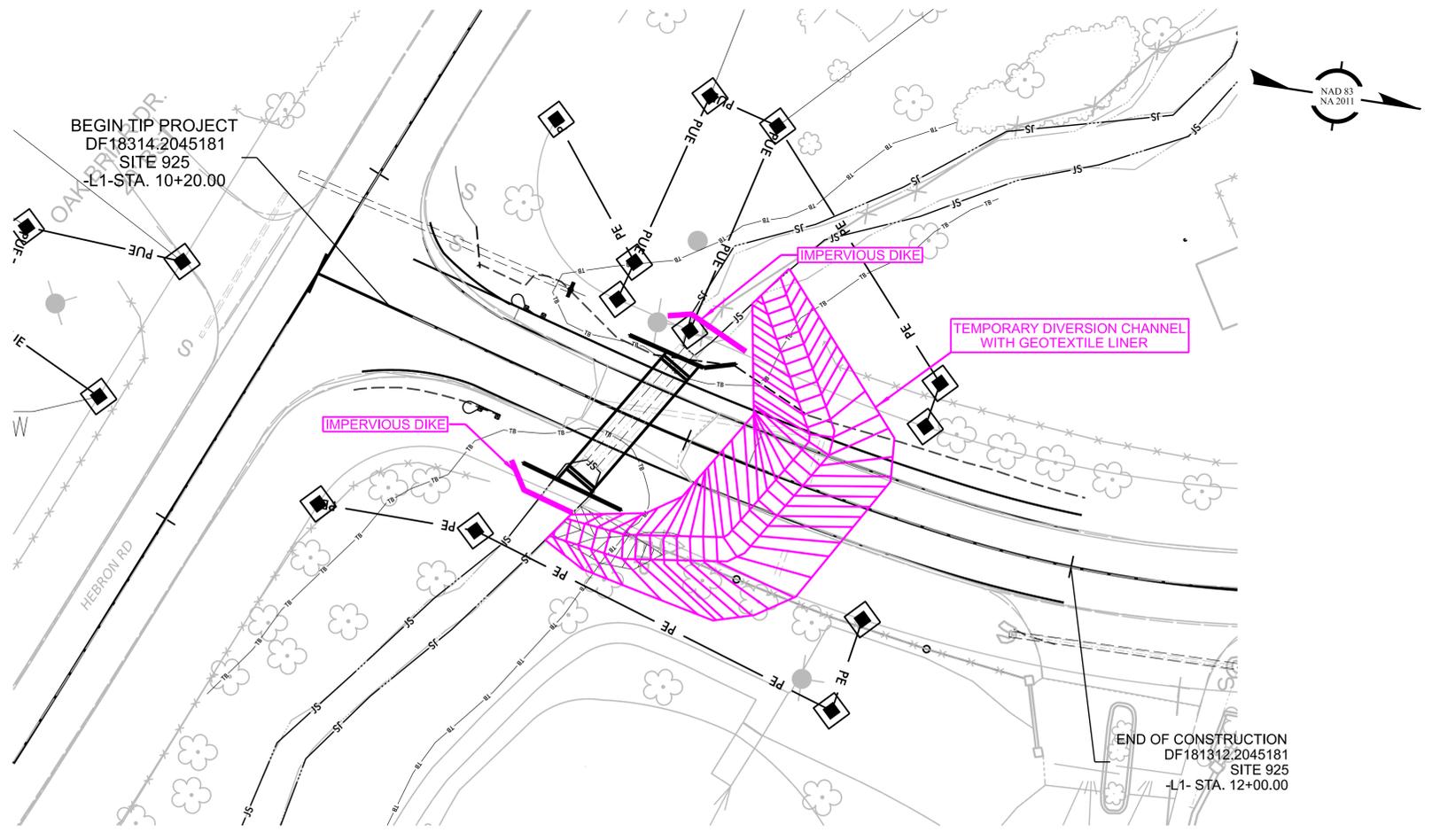
NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL  
REQUIRE PRIOR APPROVAL BY ENGINEER.

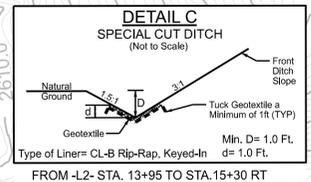
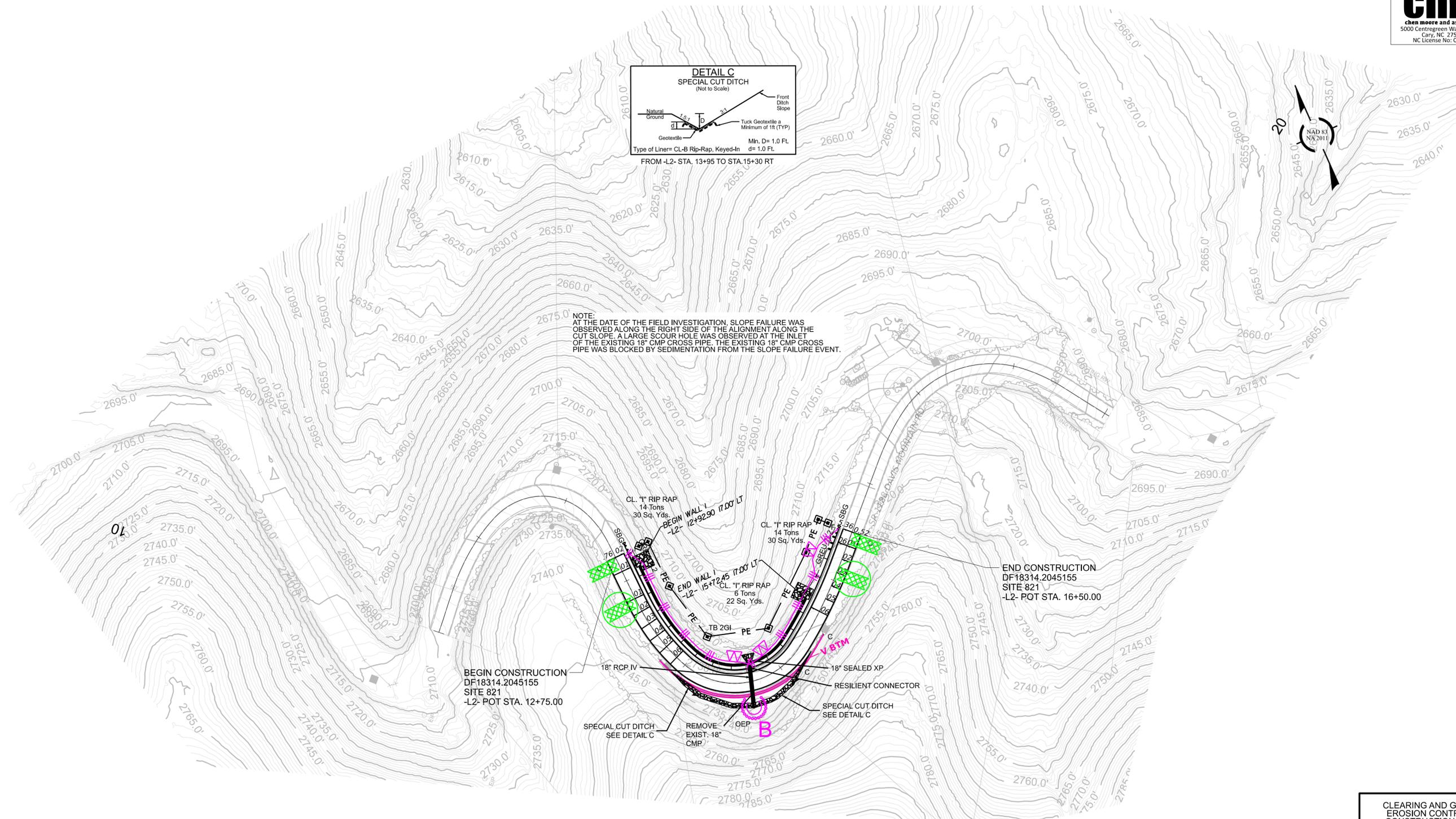
ADDITIONAL EROSION CONTROL DEVICES MAY  
NEED TO BE INSTALLED AS DIRECTED BY THE  
ENGINEER.

# NORTH FORK BIG WILLOW CREEK CULVERT CONSTRUCTION SEQUENCE -L1- STA. 10+85



1. UTILIZE SPECIAL STILLING BASIN(S) DURING CULVERT CONSTRUCTION AS NEEDED.
2. CONSTRUCT TEMPORARY DIVERSION CHANNEL. SEE DETAIL BELOW.
3. INSTALL IMPERVIOUS DIKES AND DIVERT FLOW INTO TEMPORARY DIVERSION CHANNEL.
4. CONSTRUCT PROPOSED CULVERT.
5. EXCAVATE ANY ACCUMULATED SILT AND DEWATER BEFORE REMOVAL OF IMPERVIOUS DIKES. STABILIZE DISTURBED AREA AND BACKFILL ACCORDINGLY.
6. REMOVE IMPERVIOUS DIKES AND ALLOW FLOW THROUGH THE CULVERT.
7. FILL TEMPORARY DIVERSION CHANNEL AND REMOVE SPECIAL STILLING BASIN(S).
8. COMPLETE PROPOSED ROADWAY CONSTRUCTION.





NOTE:  
AT THE DATE OF THE FIELD INVESTIGATION, SLOPE FAILURE WAS OBSERVED ALONG THE RIGHT SIDE OF THE ALIGNMENT ALONG THE CUT SLOPE. A LARGE SCOUR HOLE WAS OBSERVED AT THE INLET OF THE EXISTING 18" CMP CROSS PIPE. THE EXISTING 18" CMP CROSS PIPE WAS BLOCKED BY SEDIMENTATION FROM THE SLOPE FAILURE EVENT.

BEGIN CONSTRUCTION  
DF18314.2045155  
SITE 821  
-L2- POT STA. 12+75.00

END CONSTRUCTION  
DF18314.2045155  
SITE 821  
-L2- POT STA. 16+50.00

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 5

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

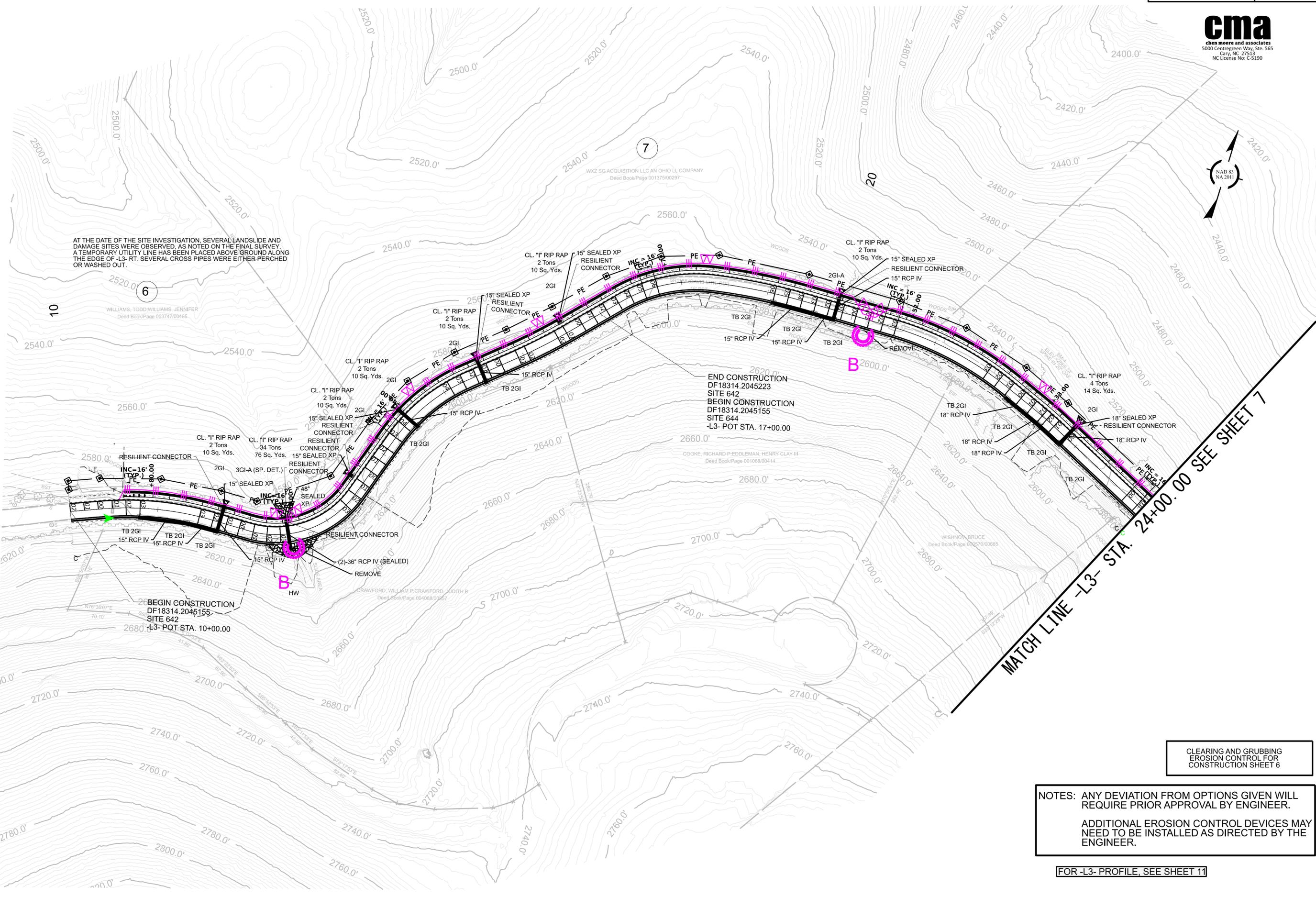
NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL  
REQUIRE PRIOR APPROVAL BY ENGINEER.  
  
ADDITIONAL EROSION CONTROL DEVICES MAY  
NEED TO BE INSTALLED AS DIRECTED BY THE  
ENGINEER.

<b>CUR DATA -L2-</b> P/C 12+38.56 Δc = 26°27'46.4" (RT) D = 63°39'43.1" Lc = 41.57 Tc = 21.16 R = 90	<b>CUR DATA -L2-</b> P/C 11+52.23 Δc = 85°01'28.6" (RT) D = 92°24'45.2" Lc = 80.30 Tc = 40.76 R = 62	<b>CUR DATA -L2-</b> P/C 10+85.85 Δc = 24°12'43.4" (RT) D = 30°09'20.4" Lc = 80.30 Tc = 40.76 R = 190	<b>CUR DATA -L2-</b> P/C 13+60.57 Δc = 21°53'27.9" (LT) D = 29°13'57.1" Lc = 75.00 Tc = 37.96 R = 198	<b>CUR DATA -L2-</b> P/C 14+85.38 Δc = 99°59'22.6" (LT) D = 77°25'36.2" Lc = 129.14 Tc = 88.17 R = 74	<b>CUR DATA -L2-</b> P/C 15+71.50 Δc = 11°38'32.3" (LT) D = 13°04'52.4" Lc = 89.00 Tc = 44.85 R = 438	<b>CUR DATA -L2-</b> P/C 14+85.38 Δc = 99°59'22.6" (LT) D = 77°25'36.2" Lc = 129.14 Tc = 88.17 R = 74	<b>CUR DATA -L2-</b> P/C 15+71.50 Δc = 11°38'32.3" (LT) D = 13°04'52.4" Lc = 89.00 Tc = 44.85 R = 438	<b>CUR DATA -L2-</b> P/C 13+60.57 Δc = 21°53'27.9" (LT) D = 29°13'57.1" Lc = 75.00 Tc = 37.96 R = 198	<b>CUR DATA -L2-</b> P/C 13+60.57 Δc = 21°53'27.9" (LT) D = 29°13'57.1" Lc = 75.00 Tc = 37.96 R = 198	<b>CUR DATA -L2-</b> P/C 19+28.41 Δc = 15°53'41.8" (RT) D = 36°57'54.1" Lc = 43.00 Tc = 21.84 R = 155	<b>CUR DATA -L2-</b> P/C 17+49.56 Δc = 11°52'12.2" (RT) D = 22°49'37.2" Lc = 52.00 Tc = 26.09 R = 251	<b>CUR DATA -L2-</b> P/C 18+52.01 Δc = 73°42'17.7" (RT) D = 56°10'20.4" Lc = 131.21 Tc = 76.45 R = 102
--	--	---	---	---	---	---	---	---	---	---	---	--

FOR -L2- PROFILE, SEE SHEET 10



AT THE DATE OF THE SITE INVESTIGATION, SEVERAL LANDSLIDE AND DAMAGE SITES WERE OBSERVED, AS NOTED ON THE FINAL SURVEY. A TEMPORARY UTILITY LINE HAS BEEN PLACED ABOVE GROUND ALONG THE EDGE OF -L3- RT. SEVERAL CROSS PIPES WERE EITHER PERCHED OR WASHED OUT.



END CONSTRUCTION  
DF18314.2045223  
SITE 642  
BEGIN CONSTRUCTION  
DF18314.2045155  
SITE 644  
-L3- POT STA. 17+00.00

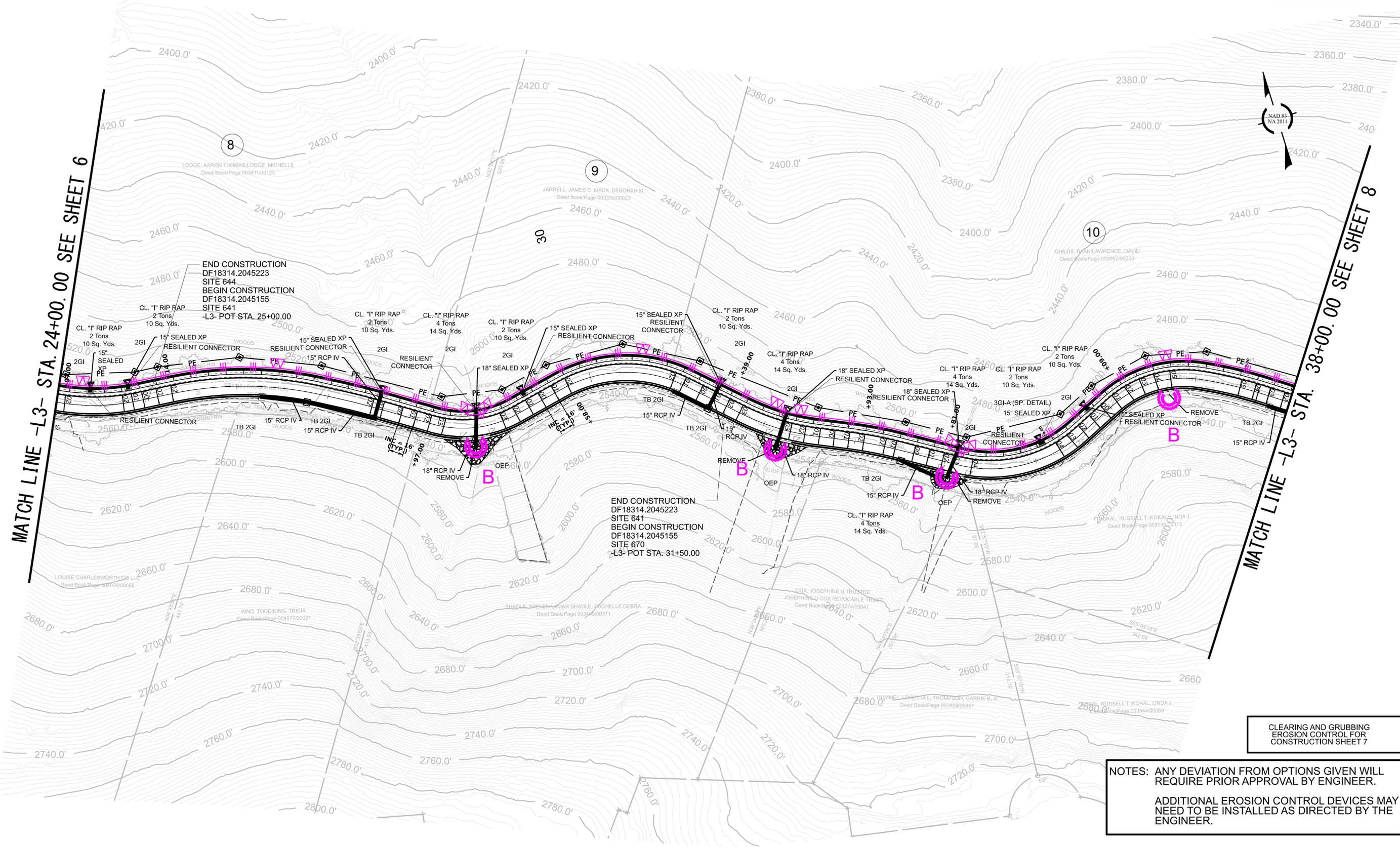
BEGIN CONSTRUCTION  
DF18314.2045155  
SITE 642  
-L3- POT STA. 10+00.00

MATCH LINE -L3- STA. 24+00.00 SEE SHEET 7

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 6

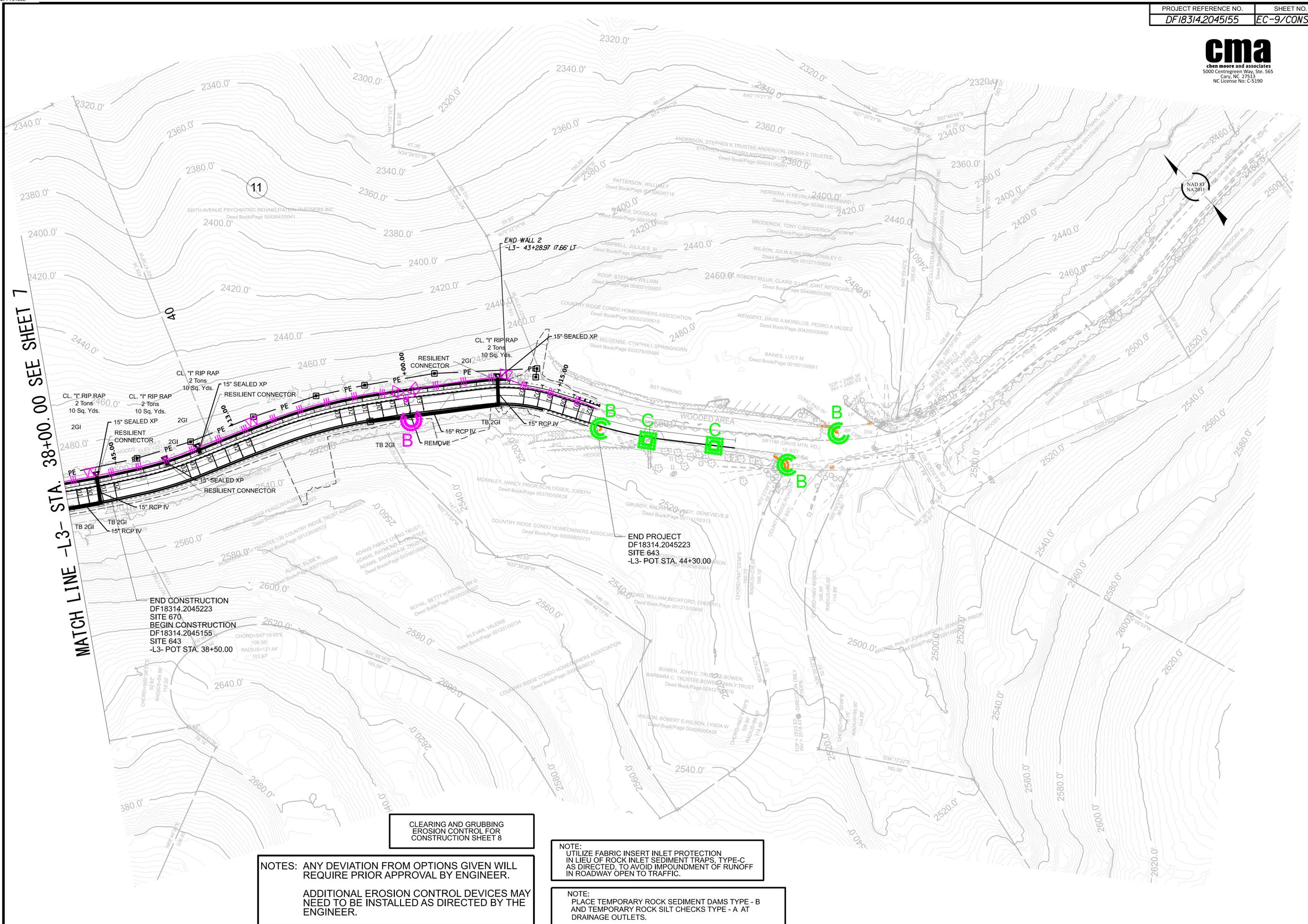
NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.  
  
ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

FOR -L3- PROFILE, SEE SHEET 11



CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 7

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL  
REQUIRE PRIOR APPROVAL BY ENGINEER.  
  
ADDITIONAL EROSION CONTROL DEVICES MAY  
NEED TO BE INSTALLED AS DIRECTED BY THE  
ENGINEER.



MATCH LINE -L3- STA. 38+00.00 SEE SHEET 7

END CONSTRUCTION  
DF18314.2045223  
SITE 670  
BEGIN CONSTRUCTION  
DF18314.2045155  
SITE 643  
-L3- POT STA. 38+50.00

END PROJECT  
DF18314.2045223  
SITE 643  
-L3- POT STA. 44+30.00

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 8

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL  
REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY  
NEED TO BE INSTALLED AS DIRECTED BY THE  
ENGINEER.

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

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



BEGIN TIP PROJECT  
DF18314.2045181  
SITE 925  
-L1-STA. 10+20.00

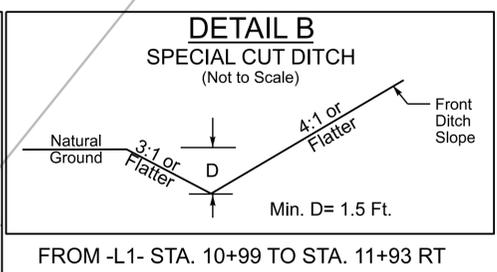
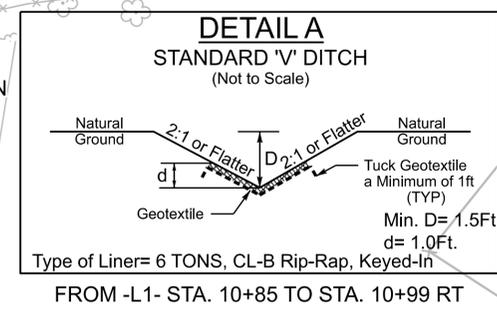
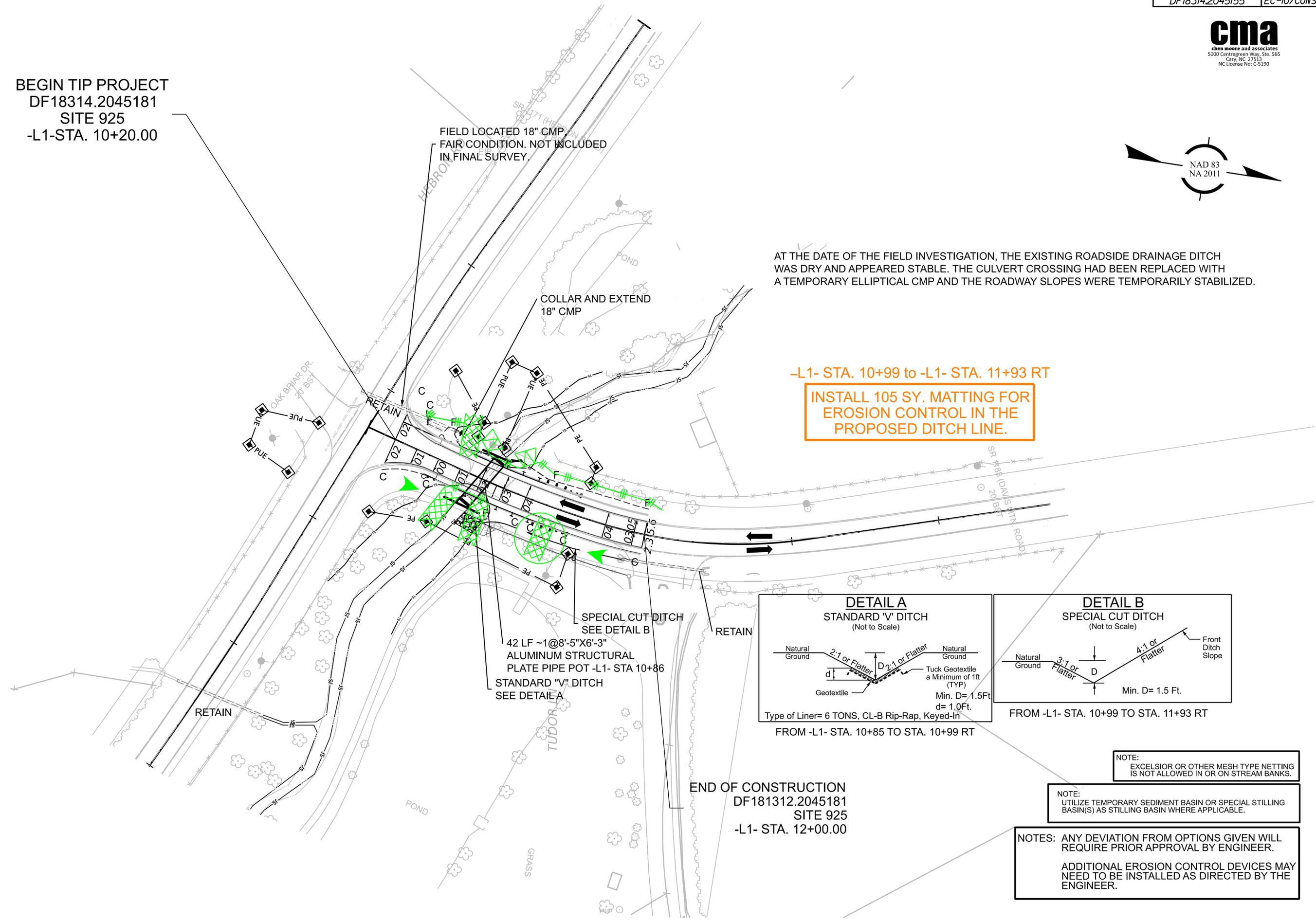
FIELD LOCATED 18" CMP  
FAIR CONDITION. NOT INCLUDED  
IN FINAL SURVEY.

AT THE DATE OF THE FIELD INVESTIGATION, THE EXISTING ROADSIDE DRAINAGE DITCH  
WAS DRY AND APPEARED STABLE. THE CULVERT CROSSING HAD BEEN REPLACED WITH  
A TEMPORARY ELLIPTICAL CMP AND THE ROADWAY SLOPES WERE TEMPORARILY STABILIZED.

COLLAR AND EXTEND  
18" CMP

-L1- STA. 10+99 to -L1- STA. 11+93 RT

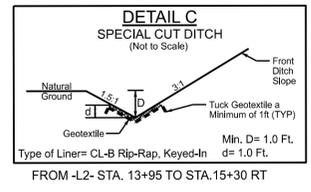
INSTALL 105 SY. MATTING FOR  
EROSION CONTROL IN THE  
PROPOSED DITCH LINE.



NOTE:  
EXCELSIOR OR OTHER MESH TYPE NETTING  
IS NOT ALLOWED IN OR ON STREAM BANKS.

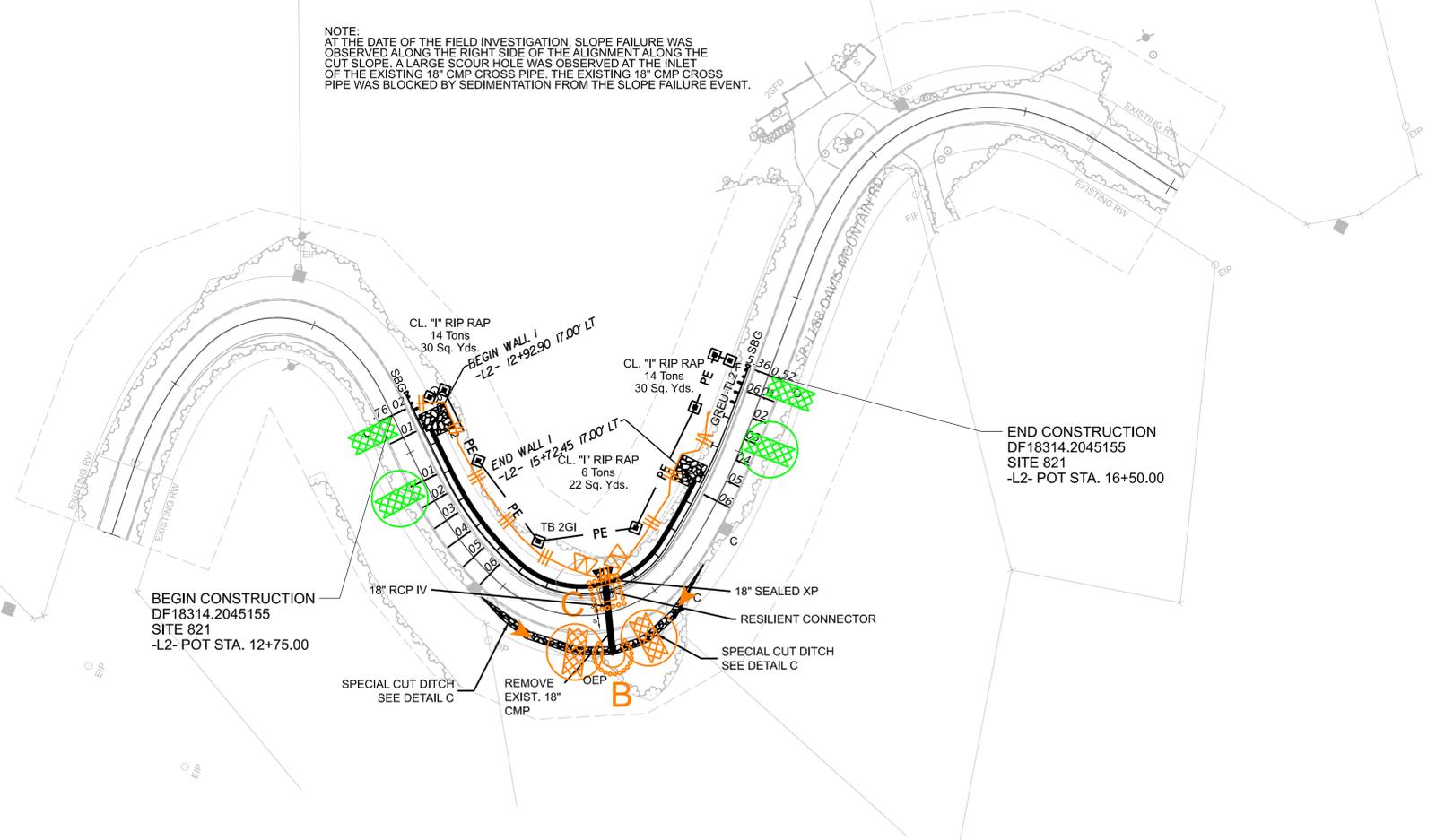
NOTE:  
UTILIZE TEMPORARY SEDIMENT BASIN OR SPECIAL STILLING  
BASIN(S) AS STILLING BASIN WHERE APPLICABLE.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL  
REQUIRE PRIOR APPROVAL BY ENGINEER.  
  
ADDITIONAL EROSION CONTROL DEVICES MAY  
NEED TO BE INSTALLED AS DIRECTED BY THE  
ENGINEER.



NOTE:  
AT THE DATE OF THE FIELD INVESTIGATION, SLOPE FAILURE WAS OBSERVED ALONG THE RIGHT SIDE OF THE ALIGNMENT ALONG THE CUT SLOPE. A LARGE SCOUR HOLE WAS OBSERVED AT THE INLET OF THE EXISTING 18" CMP CROSS PIPE. THE EXISTING 18" CMP CROSS PIPE WAS BLOCKED BY SEDIMENTATION FROM THE SLOPE FAILURE EVENT.

01



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

INSTALL MATTING FOR EROSION CONTROL IN AREAS WHERE SLOPE IS GREATER THAN 8 FEET AS WORK ALLOWS.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.  
ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

<b>CUR DATA -L2-</b> P/C 12+38.56 Δc = 26°27'46.4" (RT) D = 63'3943.1' Lc = 41.57 Tc = 21.16 R = 90	<b>CUR DATA -L2-</b> P/C 11+52.23 Δc = 85°01'28.6" (RT) D = 92'2445.2' Lc = 80.30 Tc = 56.84 R = 62	<b>CUR DATA -L2-</b> P/C 10+85.85 Δc = 24°12'43.4" (RT) D = 30°09'20.4" Lc = 92.01 Tc = 40.76 R = 190	<b>CUR DATA -L2-</b> P/C 13+60.67 Δc = 21°53'27.9" (LT) D = 29°13'57.1" Lc = 75.00 Tc = 37.96 R = 198	<b>CUR DATA -L2-</b> P/C 14+85.38 Δc = 99°59'22.6" (LT) D = 77°25'36.2" Lc = 129.14 Tc = 88.17 R = 74	<b>CUR DATA -L2-</b> P/C 15+71.50 Δc = 11°38'32.3" (LT) D = 13°04'52.4" Lc = 89.00 Tc = 44.65 R = 438	<b>CUR DATA -L2-</b> P/C 14+85.38 Δc = 99°59'22.6" (LT) D = 77°25'36.2" Lc = 129.14 Tc = 88.17 R = 74	<b>CUR DATA -L2-</b> P/C 15+71.50 Δc = 11°38'32.3" (LT) D = 13°04'52.4" Lc = 89.00 Tc = 44.65 R = 438	<b>CUR DATA -L2-</b> P/C 13+60.67 Δc = 21°53'27.9" (LT) D = 29°13'57.1" Lc = 75.00 Tc = 37.96 R = 198	<b>CUR DATA -L2-</b> P/C 19+28.41 Δc = 18°53'41.8" (RT) D = 36°57'54.1" Lc = 43.00 Tc = 21.64 R = 155	<b>CUR DATA -L2-</b> P/C 17+49.66 Δc = 11°52'12.2" (RT) D = 22°49'37.2" Lc = 52.00 Tc = 26.09 R = 251	<b>CUR DATA -L2-</b> P/C 18+52.01 Δc = 73°42'17.7" (RT) D = 56°10'20.4" Lc = 131.21 Tc = 76.45 R = 102
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7

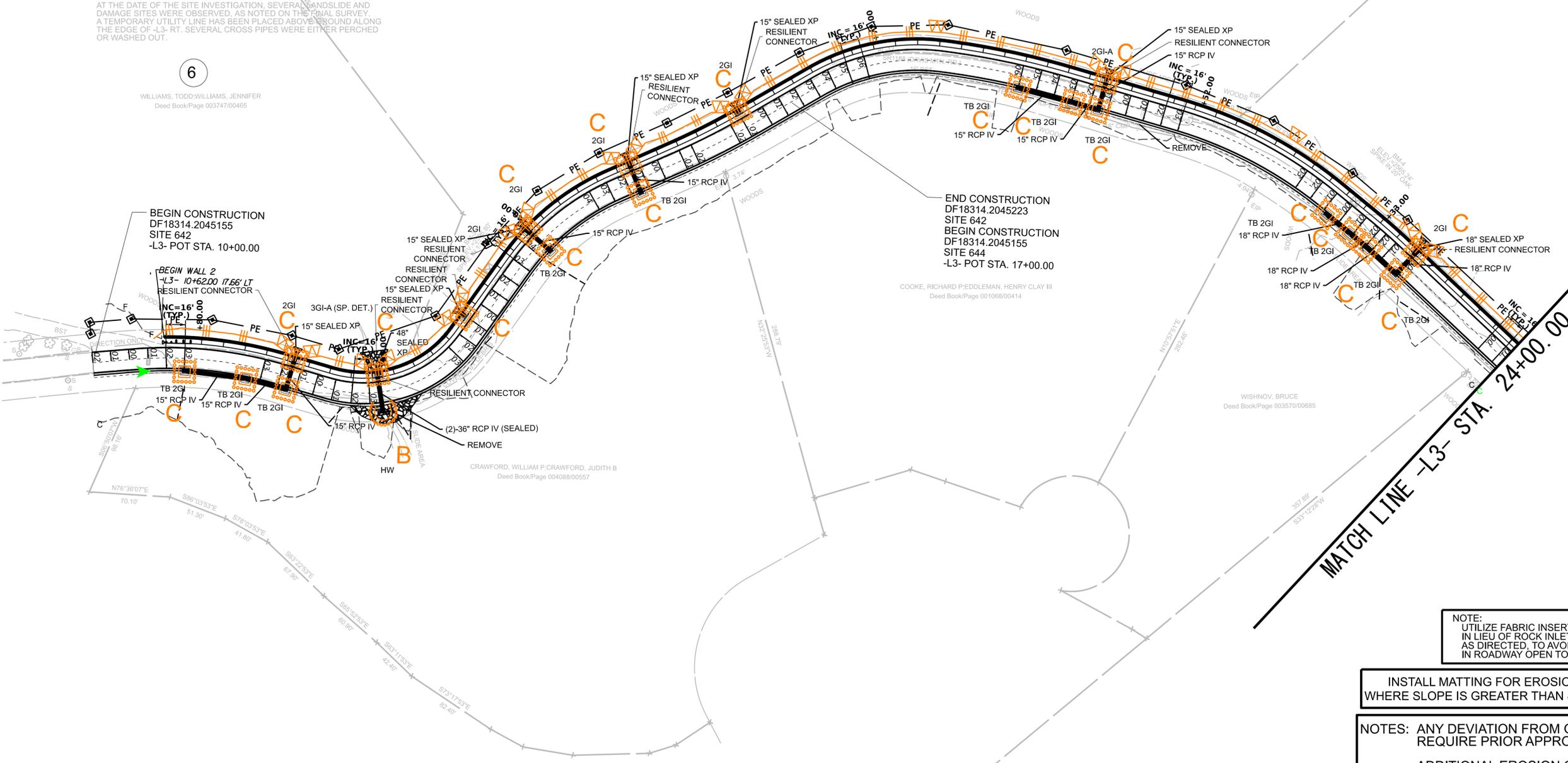
WXZ SG ACQUISITION LLC AN OHIO LL COMPANY  
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AT THE DATE OF THE SITE INVESTIGATION, SEVERAL LANDSLIDE AND DAMAGE SITES WERE OBSERVED, AS NOTED ON THE FINAL SURVEY. A TEMPORARY UTILITY LINE HAS BEEN PLACED ABOVE GROUND ALONG THE EDGE OF -L3- RT. SEVERAL CROSS PIPES WERE EITHER PERCHED OR WASHED OUT.

6

WILLIAMS, TODD WILLIAMS, JENNIFER  
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BEGIN CONSTRUCTION  
DF18314.2045155  
SITE 642  
-L3- POT STA. 10+00.00

BEGIN WALL 2  
-L3- 10+62.00 17.66' LT  
RESILIENT CONNECTOR

END CONSTRUCTION  
DF18314.2045223  
SITE 642  
BEGIN CONSTRUCTION  
DF18314.2045155  
SITE 644  
-L3- POT STA. 17+00.00

COOKE, RICHARD P; EDDLEMAN, HENRY CLAY III  
Deed Book/Page 001068/00414

CRAWFORD, WILLIAM P; CRAWFORD, JUDITH B  
Deed Book/Page 004088/00557

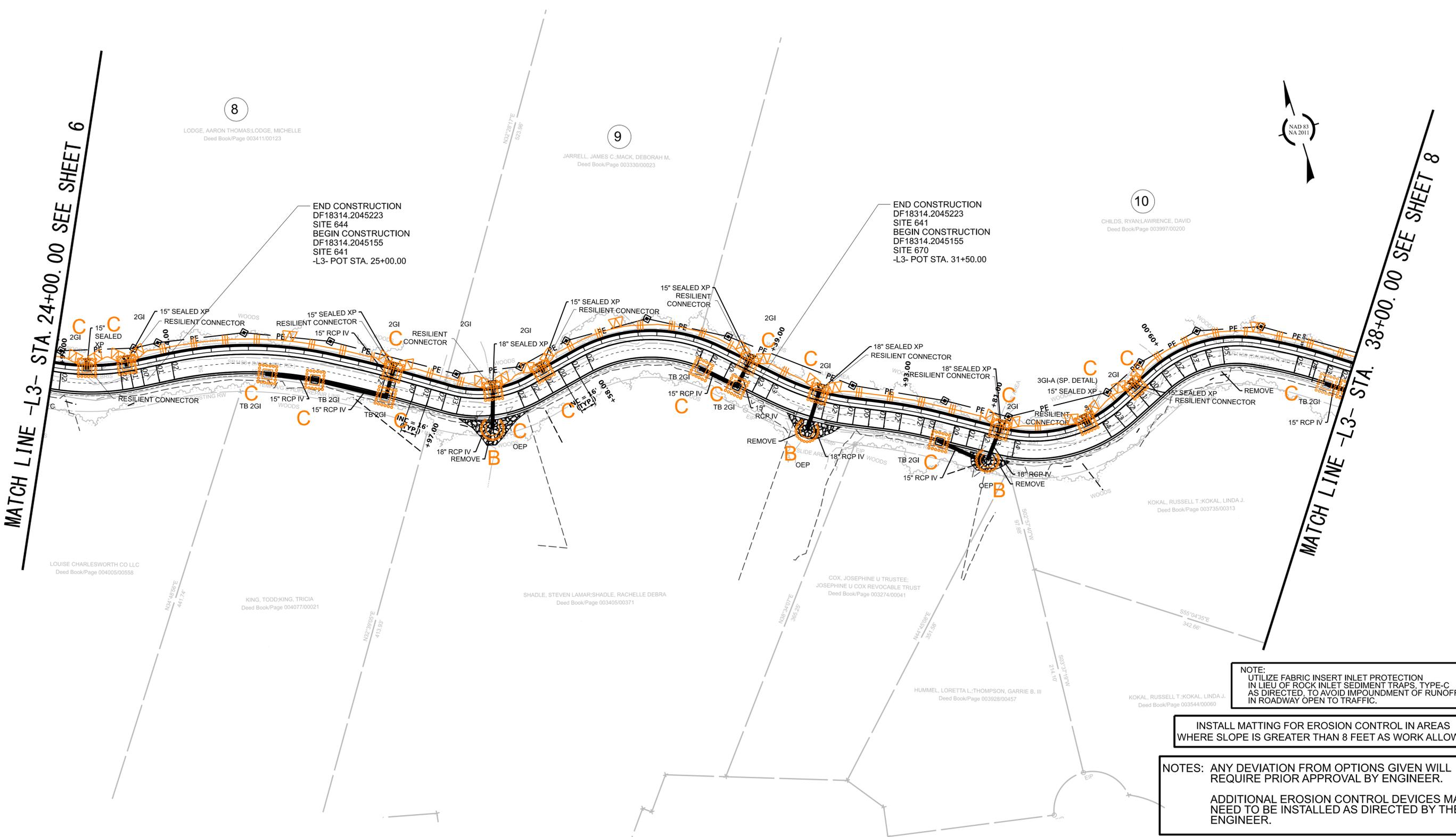
WISHNOV, BRUCE  
Deed Book/Page 003570/00685

MATCH LINE -L3- STA. 24+00.00 SEE SHEET 7

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

INSTALL MATTING FOR EROSION CONTROL IN AREAS  
WHERE SLOPE IS GREATER THAN 8 FEET AS WORK ALLOWS

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL  
REQUIRE PRIOR APPROVAL BY ENGINEER.  
  
ADDITIONAL EROSION CONTROL DEVICES MAY  
NEED TO BE INSTALLED AS DIRECTED BY THE  
ENGINEER.



MATCH LINE -L3- STA. 24+00.00 SEE SHEET 6

MATCH LINE -L3- STA. 38+00.00 SEE SHEET 8

8

9

10

LODGE, AARON THOMAS; LODGE, MICHELLE  
Deed Book/Page 003411/00123

JARRELL, JAMES C.; MACK, DEBORAH M.  
Deed Book/Page 003330/0023

CHILDS, RYAN; LAWRENCE, DAVID  
Deed Book/Page 003997/00200

END CONSTRUCTION  
DF18314.2045223  
SITE 644  
BEGIN CONSTRUCTION  
DF18314.2045155  
SITE 641  
-L3- POT STA. 25+00.00

END CONSTRUCTION  
DF18314.2045223  
SITE 641  
BEGIN CONSTRUCTION  
DF18314.2045155  
SITE 670  
-L3- POT STA. 31+50.00

LOUISE CHARLESWORTH CO LLC  
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KING, TODD; KING, TRICIA  
Deed Book/Page 004077/00021

SHADLE, STEVEN LAMAR; SHADLE, RACHELLE DEBRA  
Deed Book/Page 003405/00371

COX, JOSEPHINE U TRUSTEE;  
JOSEPHINE U COX REVOCABLE TRUST  
Deed Book/Page 003274/00041

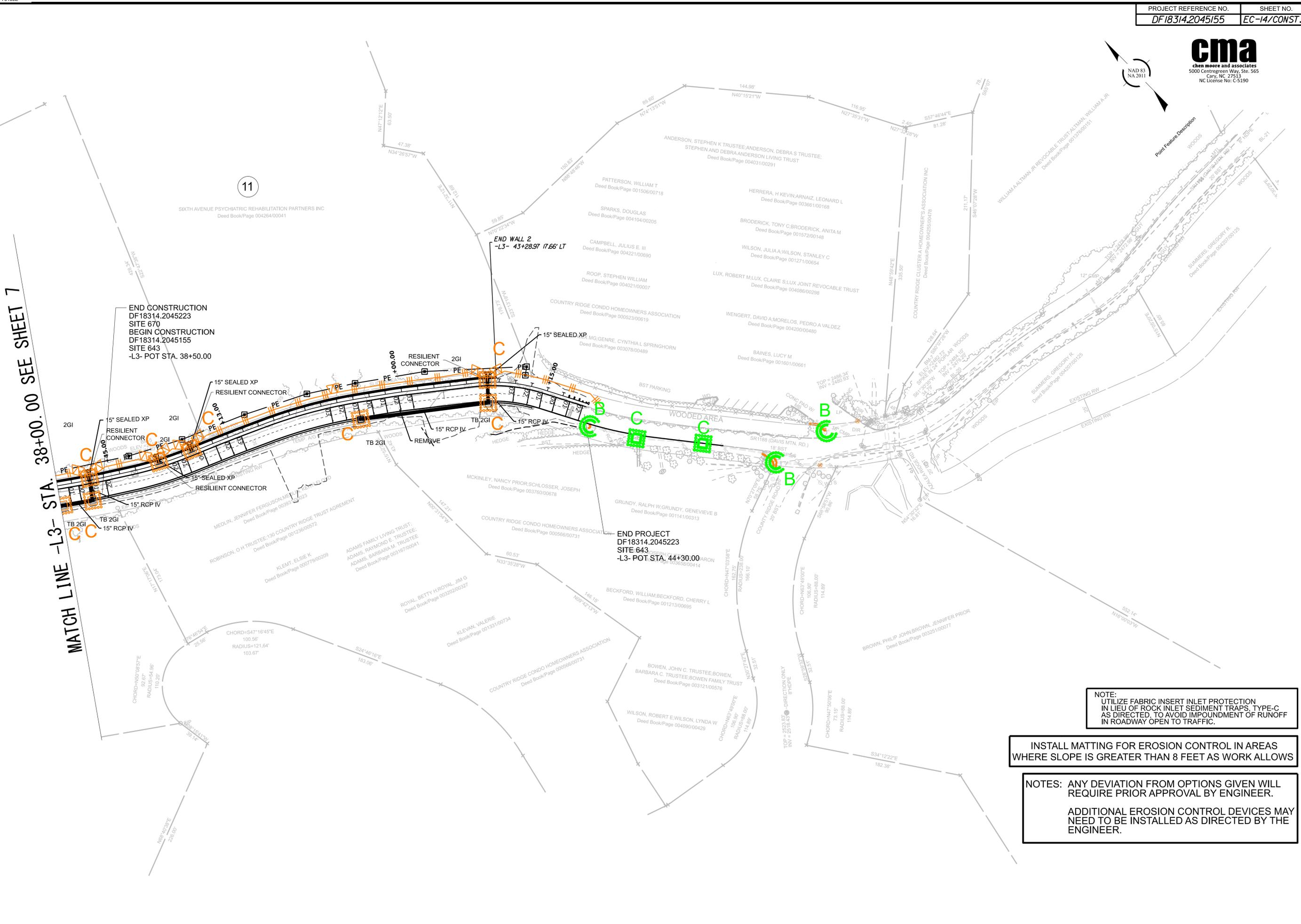
HUMMEL, LORETTA L.; THOMPSON, GARRIE B. III  
Deed Book/Page 003928/00457

KOKAL, RUSSELL T.; KOKAL, LINDA J.  
Deed Book/Page 003544/00060

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

INSTALL MATTING FOR EROSION CONTROL IN AREAS  
WHERE SLOPE IS GREATER THAN 8 FEET AS WORK ALLOWS

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL  
REQUIRE PRIOR APPROVAL BY ENGINEER.  
  
ADDITIONAL EROSION CONTROL DEVICES MAY  
NEED TO BE INSTALLED AS DIRECTED BY THE  
ENGINEER.



MATCH LINE -L3- STA. 38+00.00 SEE SHEET 7

END CONSTRUCTION  
DF18314.2045223  
SITE 670  
BEGIN CONSTRUCTION  
DF18314.2045155  
SITE 643  
-L3- POT STA. 38+50.00

END PROJECT  
DF18314.2045223  
SITE 643  
-L3- POT STA. 44+30.00

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

INSTALL MATTING FOR EROSION CONTROL IN AREAS  
WHERE SLOPE IS GREATER THAN 8 FEET AS WORK ALLOWS

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL  
REQUIRE PRIOR APPROVAL BY ENGINEER.  
  
ADDITIONAL EROSION CONTROL DEVICES MAY  
NEED TO BE INSTALLED AS DIRECTED BY THE  
ENGINEER.