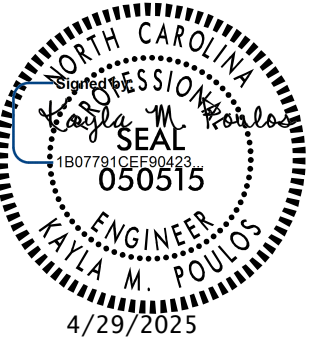


8/17/99

NOTES:
1. DRIVEWAYS FOR SHOULDER SECTIONS: USE 16' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL WITH 5' MIN. RADIUS; OTHERWISE MATCH EXISTING.
2. DRIVEWAYS FOR C&G SECTIONS: USE 20' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL; OTHERWISE MATCH EXISTING.

MATCHLINE SEE SHEET 9

MATCHLINE -RPA- STA. 14+00.00
SEE SHEET 10

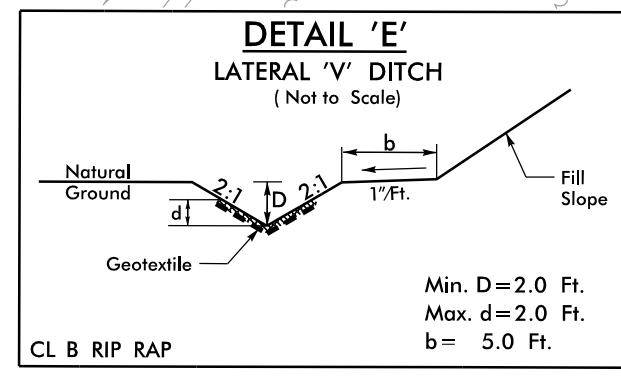
PROJECT REFERENCE NO.		SHEET NO.	
U-6018		6	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		ENGINEER	
			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
			
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45+00

MATCHLINE -L- STA. 45+00.00
SEE SHEET 5

MATCHLINE -L- STA. 58+00.00
SEE SHEET 7

$PI\ Sta\ 47+33.72$ $\Delta = 13^{\circ}05'19.1''\ (RT)$ $D = 2^{\circ}00'00.0''$ $L = 654.43'$ $T = 328.65'$ $R = 2,864.79'$ $e = 0.03$ $Runoff = 126'$	$PIs\ Sta\ 51+26.18$ $\Theta s = 2^{\circ}00'00.0''$ $Ls = 200.00'$ $LT = 133.34'$ $ST = 66.67'$	$PI\ Sta\ 14+51.69$ $\Delta = 14^{\circ}08'37.8''\ (RT)$ $D = 2^{\circ}42'46.3''$ $L = 521.36'$ $T = 262.01'$ $R = 2,112.00'$ $e = Transition\ to\ exist.$	$PI\ Sta\ 20+30.75$ $\Delta = 55^{\circ}08'58.6''\ (LT)$ $D = 22^{\circ}55'05.9''$ $L = 240.64'$ $T = 130.56'$ $R = 250.00'$ $e = .05$ $Runoff = 140'$	$PI\ Sta\ 11+78.37$ $\Delta = 3^{\circ}30'00.0''\ (RT)$ $D = 3^{\circ}49'11.0''$ $L = 91.63'$ $T = 45.83'$ $R = 1,500.00'$ $e = Transition\ to\ exist.$
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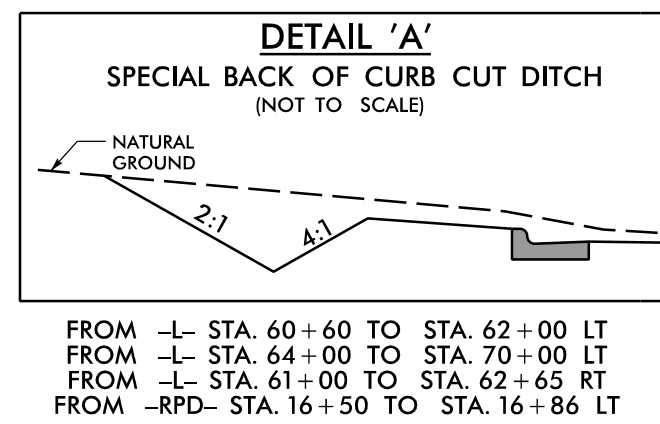
☆ EXISTING SIGNAL
PAVEMENT REMOVAL
FOR RW PLAN, SEE SHEET NO. 2B-3
FOR -L- PROFILE, SEE SHEET NO. 13
FOR -RPA- PROFILE, SEE SHEET NO. 17
FOR -RPB- PROFILE, SEE SHEET NO. 17

I-85			
73000 90100		3400 3600	-L- NC 62 (LIBERTY RD)
5400 6100		2700 2900	
11300 12600	1500 1800		10500 11200
2018 ADT	68400		
2040 ADT	85100		

3/25/2025
U6018_Rdy_psh06.dgn
User: mlindey

1. DRIVEWAYS FOR SHOULDER SECTIONS: USE 16' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL WITH 5' MIN. RADII; OTHERWISE MATCH EXISTING.

2. DRIVEWAYS FOR C&G SECTIONS: USE 20' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL; OTHERWISE MATCH EXISTING.



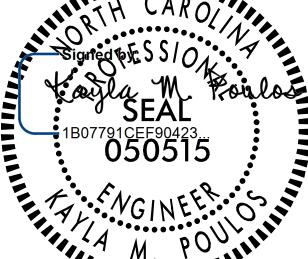
0500 9100
1200 9600

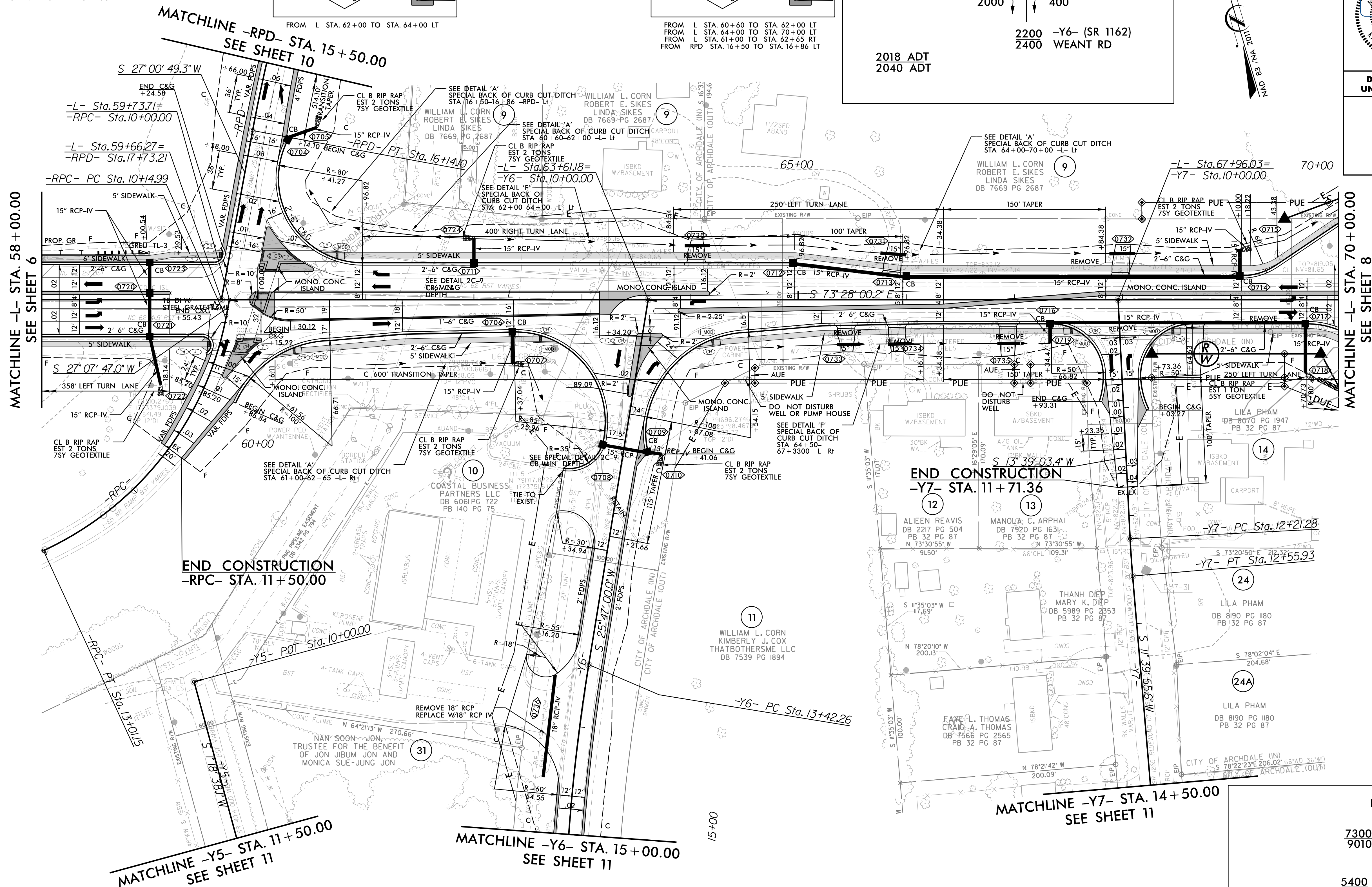
1800 400
2000 400

2200 -Y6- (SR 1162)
2400 WEANT RD

DT
DT



PROJECT REFERENCE NO.		SHEET NO.	
U-6018		7	
RAW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
 			
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<u>-Y6-</u>	<u>-Y7-</u>	<u>-RPC-</u>	<u>-RPD-</u>
<i>PI Sta 16+16.14</i>	<i>PI Sta 12+38.60</i>	<i>PI Sta 11+70.01</i>	<i>PI Sta 15+57.07</i>
$\Delta = 17^{\circ} 29' 40.7''$ (LT)	$\Delta = 1^{\circ} 59' 07.9''$ (LT)	$\Delta = 54^{\circ} 30' 13.7''$ (RT)	$\Delta = 4^{\circ} 30' 34.1''$ (LT)
$D = 3^{\circ} 13' 07.9''$	$D = 5^{\circ} 43' 46.5''$	$D = 19^{\circ} 05' 54.9''$	$D = 3^{\circ} 57' 05.2''$
$L = 543.50'$	$L = 346.5'$	$L = 286.17'$	$L = 114.12'$
$T = 273.88'$	$T = 17.33'$	$T = 155.02'$	$T = 57.09'$
$R = 1,780.00'$	$R = 1,000.00'$	$R = 300.00'$	$R = 1,450.00'$
<i>e = Transition to exist.</i>		<i>e = Transition to exist.</i>	<i>e = Transition to exist.</i>

FOR RW PLAN, SEE SHEET NO. 2B-4
FOR -L- PROFILE, SEE SHEET NO. 14
FOR -RPC- PROFILE, SEE SHEET NO. 17
FOR -RPD- PROFILE, SEE SHEET NO. 17
FOR -Y6- PROFILE, SEE SHEET NO. 18
FOR -Y7- PROFILE, SEE SHEET NO. 19

I-85

73000
90100

5400
6100

3400
3600

-L- NC 62
(LIBERTY RD)

11300
12600

1500
1800

2700
2900

10500
11200

68400
85100

2040 ADT

2018 ADT

3/25/2025
....\Proj\U6018-Rdy-psh07.dgn
User: mlindsey

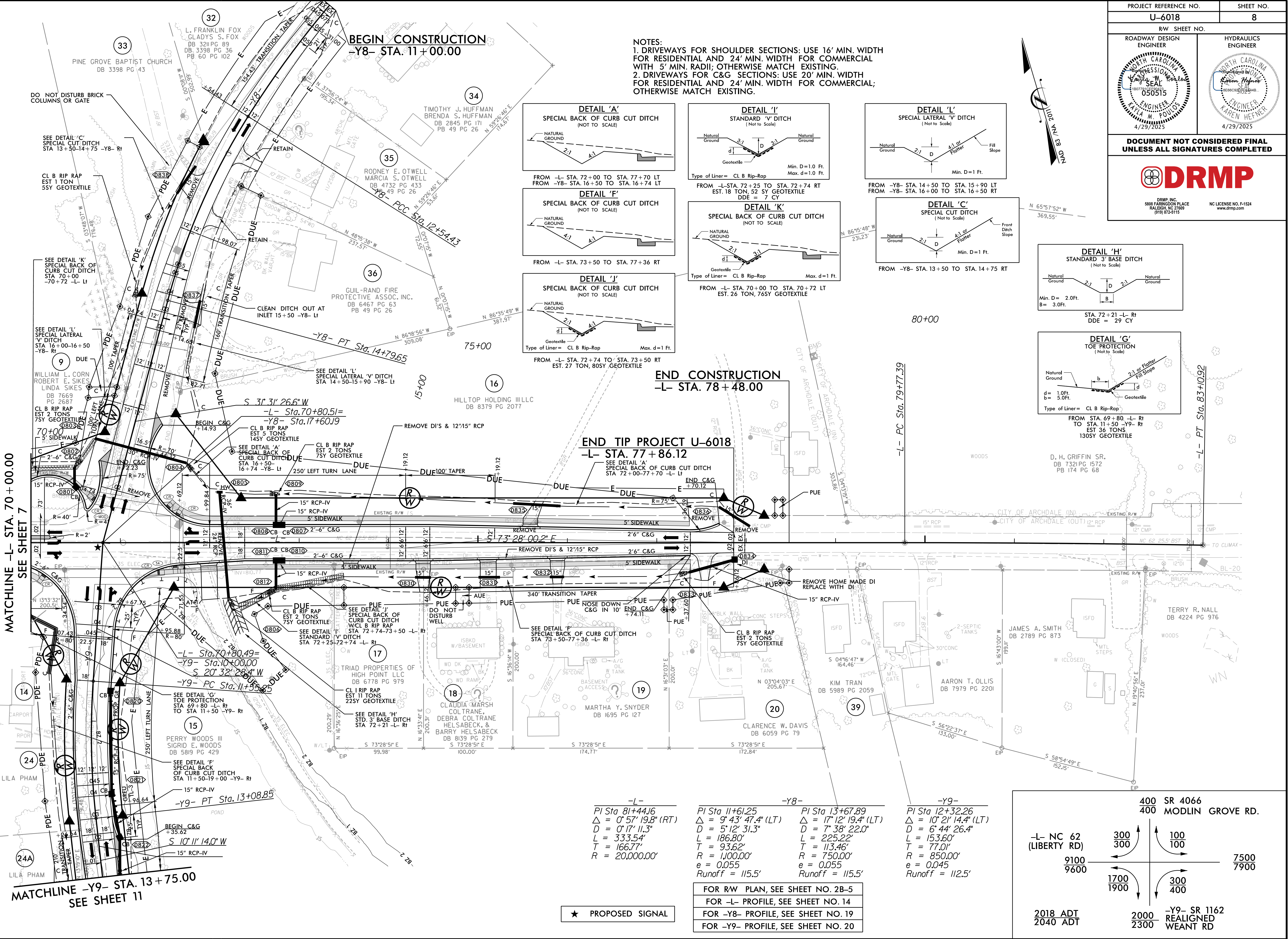
B-17/99

REVISIONS

2/13/2025
U-6018_Rdy_psh08.dgn
User: mldusey

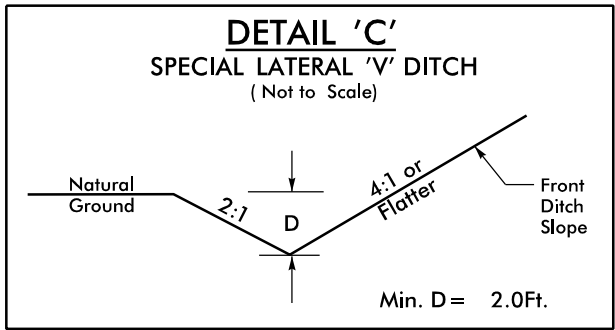
MATCHLINE -L- STA. 70+00.00
SEE SHEET 7

MATCHLINE -Y9- STA. 13+75.00
SEE SHEET 11

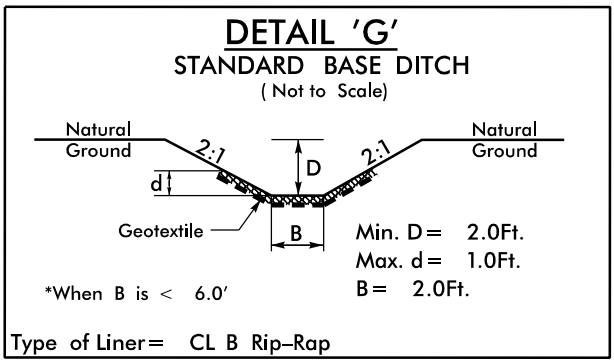


8/17/99

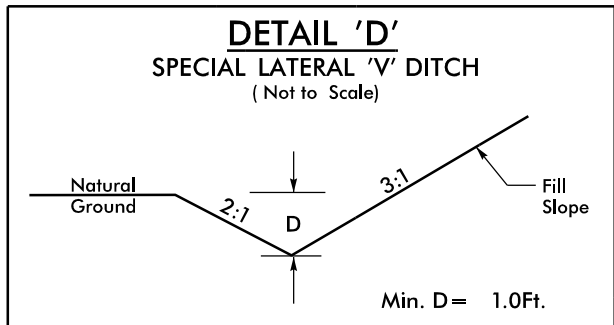
NOTES:
1. DRIVEWAYS FOR SHOULDER SECTIONS: USE 16' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL WITH 5' MIN. RADII; OTHERWISE MATCH EXISTING.
2. DRIVEWAYS FOR C&G SECTIONS: USE 20' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL; OTHERWISE MATCH EXISTING.



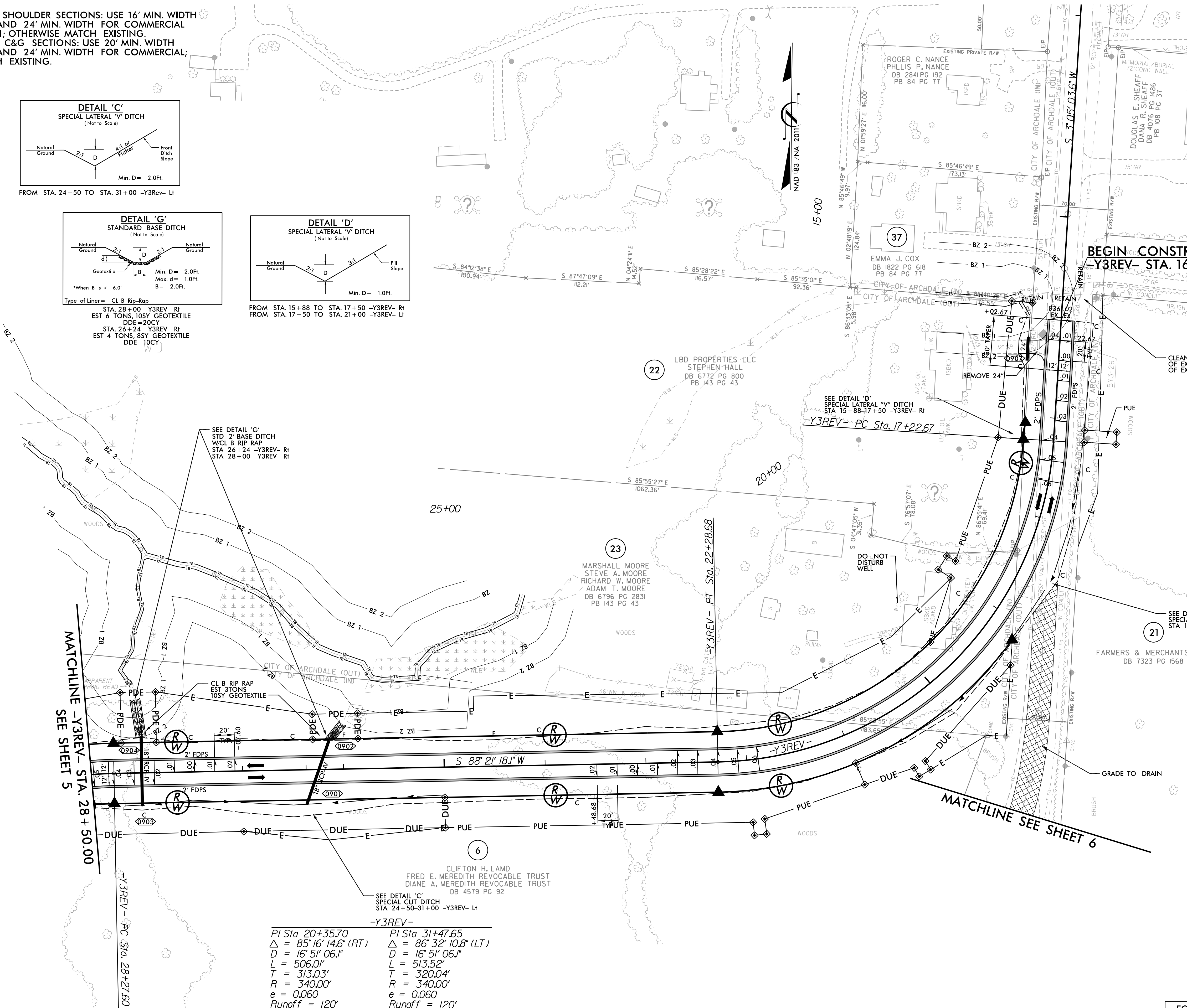
FROM STA. 24+50 TO STA. 31+00 -Y3REV- Lt



Type of Liner = CL B Rip-Rap
STA. 28+00 -Y3REV- Rt
EST 6 TONS 10SY GEOTEXTILE
DDE=20CY
STA. 26+24 -Y3REV- Rt
EST 4 TONS 8SY GEOTEXTILE
DDE=10CY



FROM STA. 15+88 TO STA. 17+50 -Y3REV- Rt
FROM STA. 17+50 TO STA. 21+00 -Y3REV- Lt



PROJECT REFERENCE NO. U-6018		SHEET NO. 9
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
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NC LICENSE NO. F-1524 www.drmp.com		

BEGIN CONSTRUCTION
-Y3REV- STA. 16+02.67

CLEAN DITCH OUT AT INLET
OF EXIST. 18" RCP & OUTLET
OF EXIST. 18" STL

SEE DETAIL 'D'
SPECIAL LATERAL 'V' DITCH
STA. 17+50-21+00 -Y3REV- Lt

FARMERS & MERCHANTS BANK
DB 7323 PG 1568

PAVEMENT REMOVAL

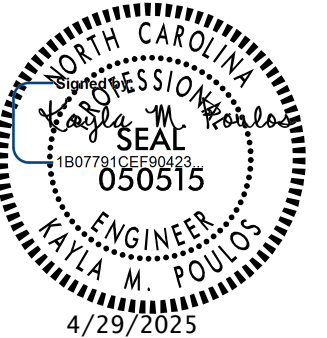
FOR RW PLAN, SEE SHEET NO. 2B-6
FOR -Y3- PROFILE, SEE SHEET NO. 16

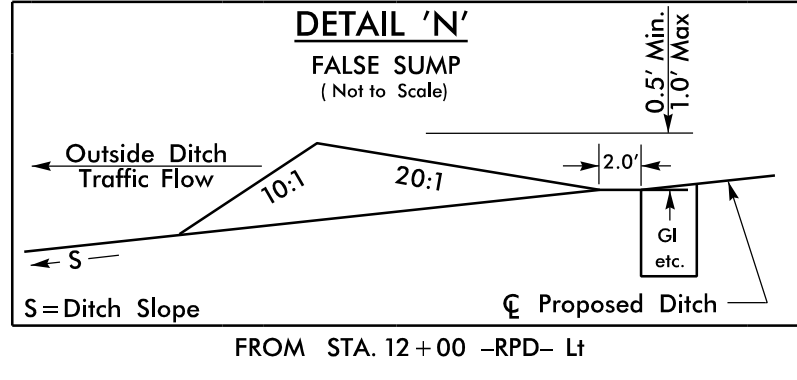
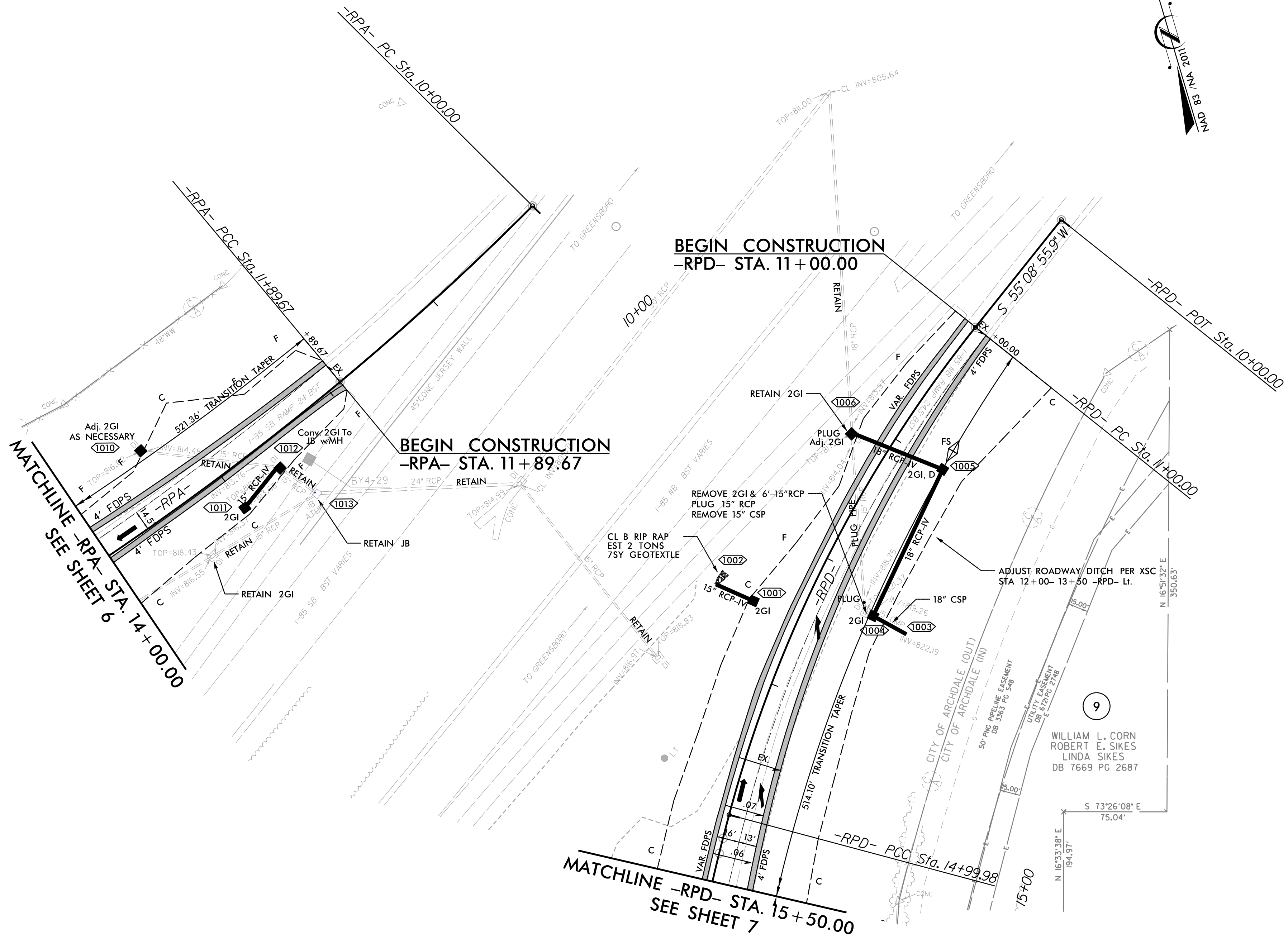
REVISIONS

2/13/2025
U6018_Rdy_psh091.dgn
User: mlindey

B.17/99

NOTES:
1. DRIVEWAYS FOR SHOULDER SECTIONS: USE 16' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL WITH 5' MIN. RADII; OTHERWISE MATCH EXISTING.
2. DRIVEWAYS FOR C&G SECTIONS: USE 20' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL; OTHERWISE MATCH EXISTING.

PROJECT REFERENCE NO.		SHEET NO.	
U-6018		10	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
			
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
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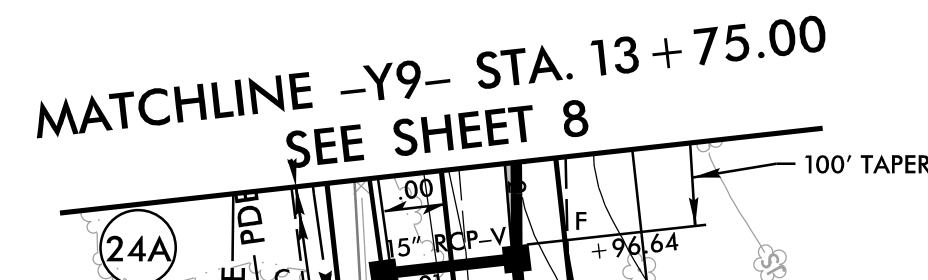
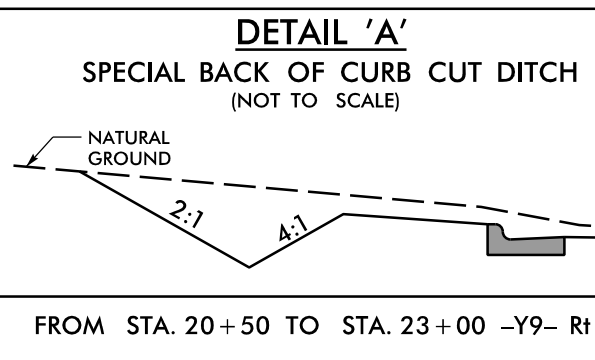
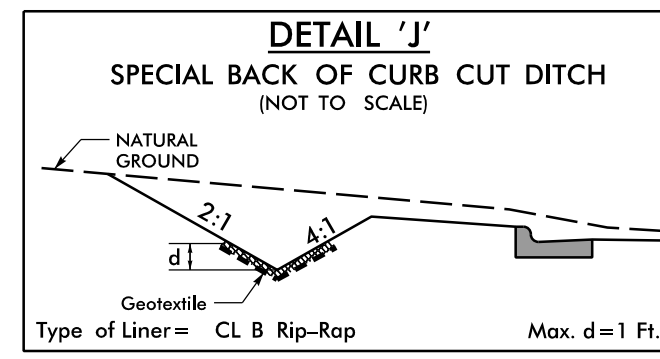
-RPA-		-RPD-
PI Sta 10+94.91	PI Sta 14+51.69	PI Sta 15+57.07
$\Delta = 15^{\circ}19'38.0''$ (RT)	$\Delta = 14^{\circ}08'37.8''$ (RT)	$\Delta = 4^{\circ}30'34.1''$ (LT)
$D = 2^{\circ}48'31.0''$	$D = 2^{\circ}42'46.3''$	$D = 3^{\circ}57'05.2''$
$L = 189.67'$	$L = 521.36'$	$L = 114.12'$
$T = 94.91'$	$T = 262.01'$	$T = 57.09'$
$R = 2,040.00'$	$R = 2,112.00'$	$R = 1,450.00'$
$e =$ Transition to exist.		$e =$ Transition to exist.

FOR RW PLAN, SEE SHEET NO. 2B-7
FOR -RPA- PROFILE, SEE SHEET NO. 17
FOR -RPD- PROFILE, SEE SHEET NO. 17

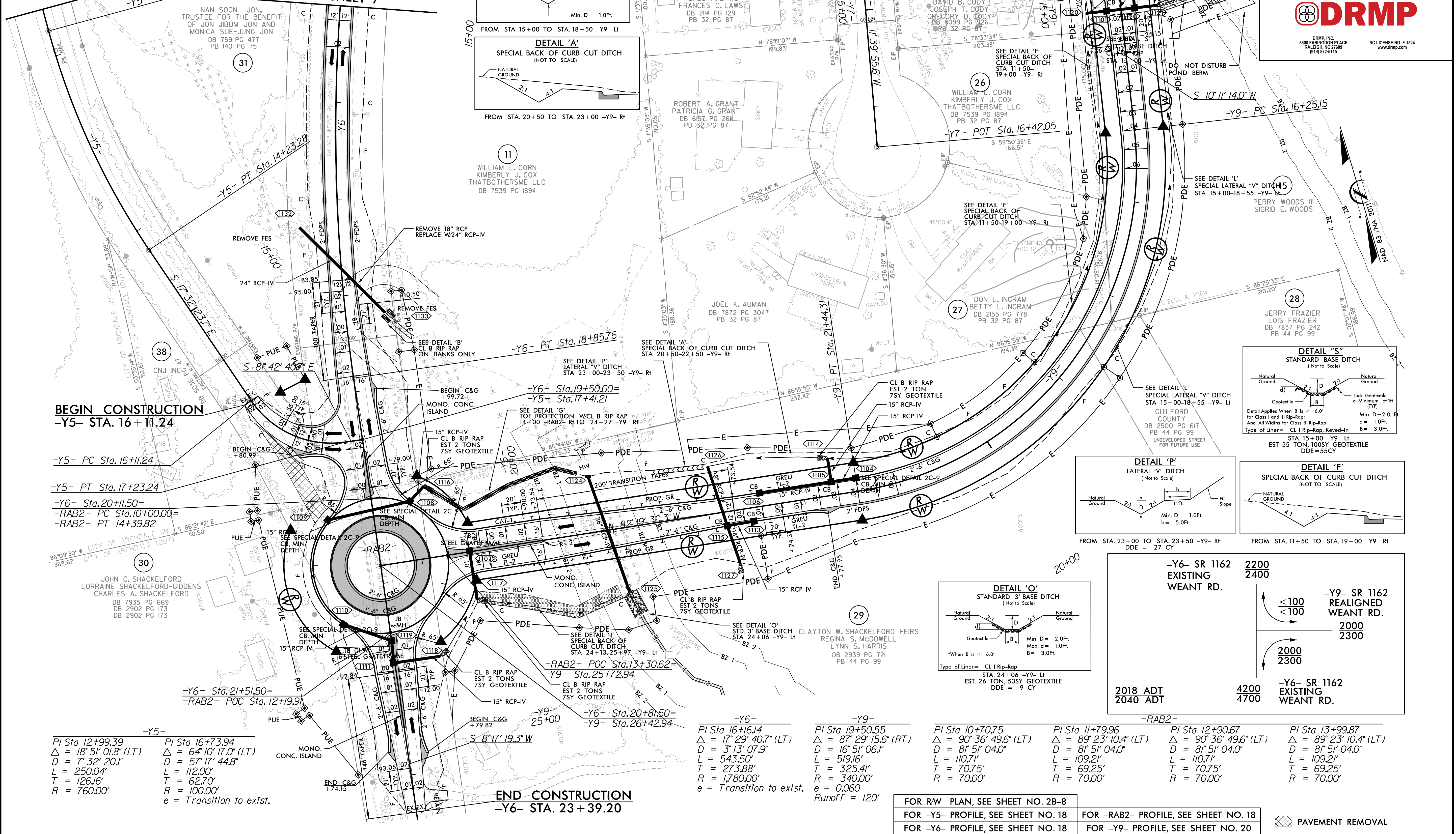
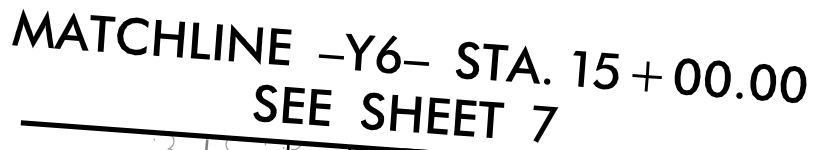
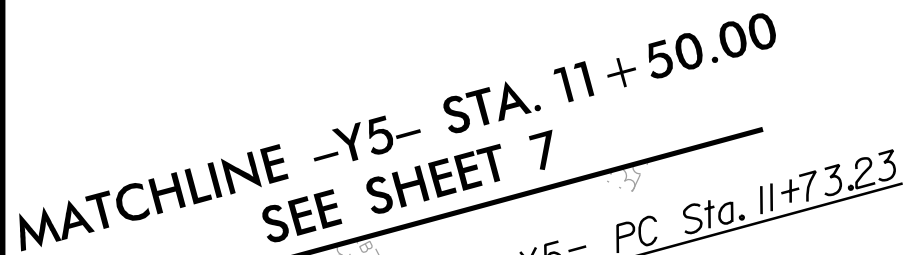
REVISIONS

1. DRIVEWAYS FOR SHOULDER SECTIONS: USE 16' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL WITH 5' MIN. RADII; OTHERWISE MATCH EXISTING.

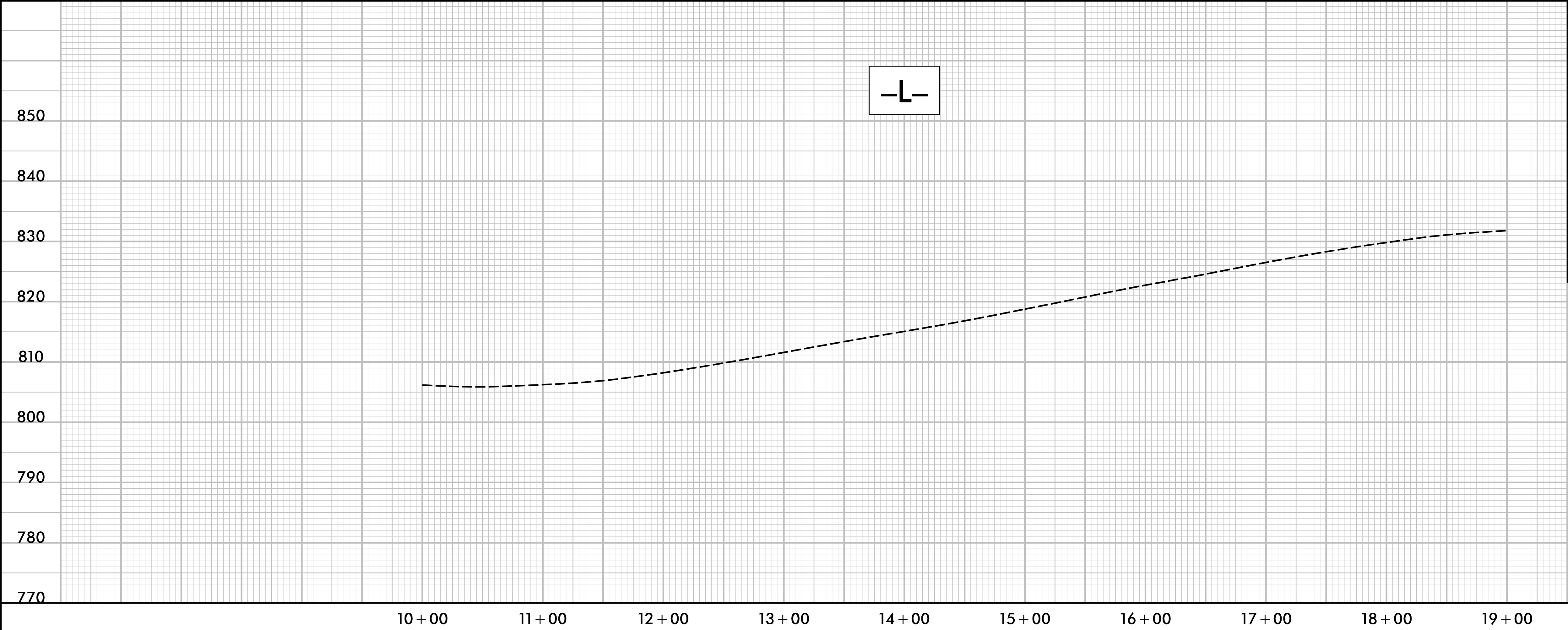
2. DRIVEWAYS FOR C&G SECTIONS: USE 20' MIN. WIDTH FOR RESIDENTIAL AND 24' MIN. WIDTH FOR COMMERCIAL; OTHERWISE MATCH EXISTING.

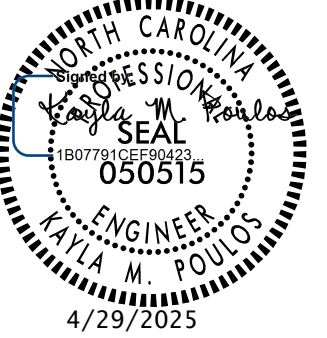
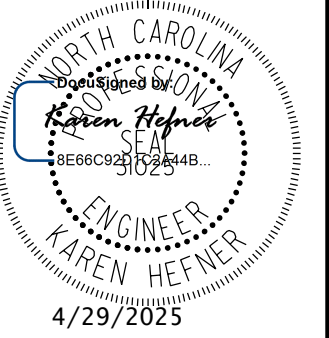


MATCHLINE
-Y7- STA. 14 + 50.00 SEE SHEET 7

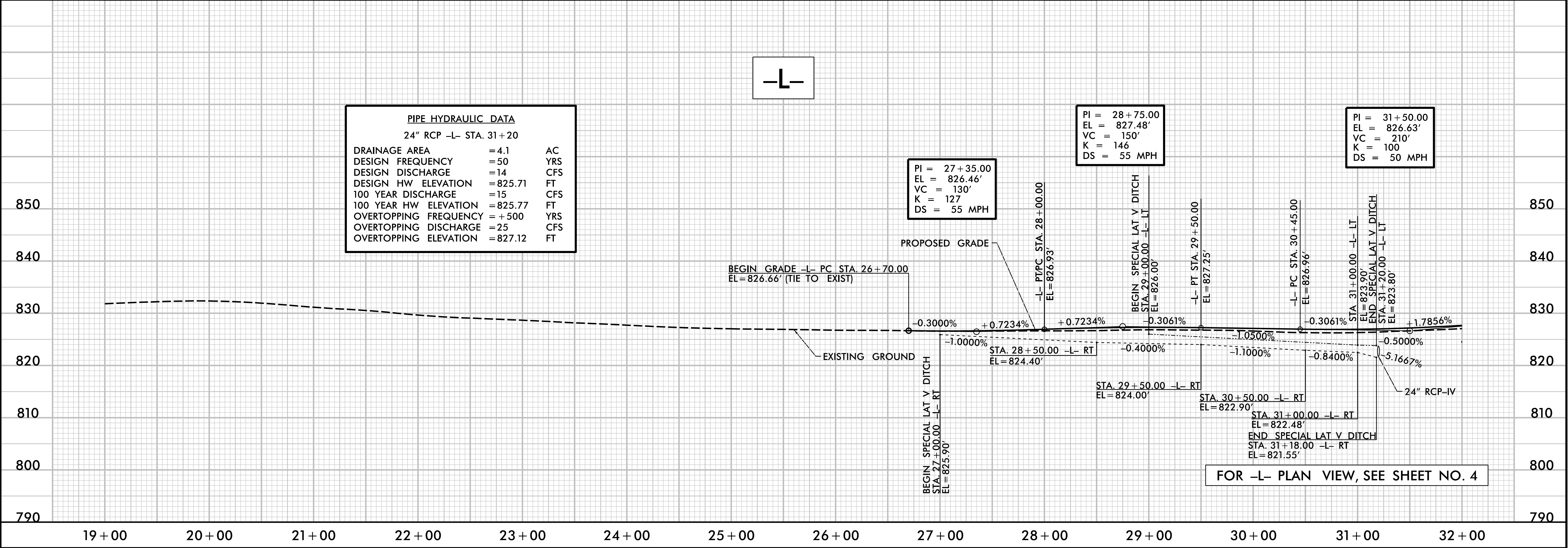


5/28/99



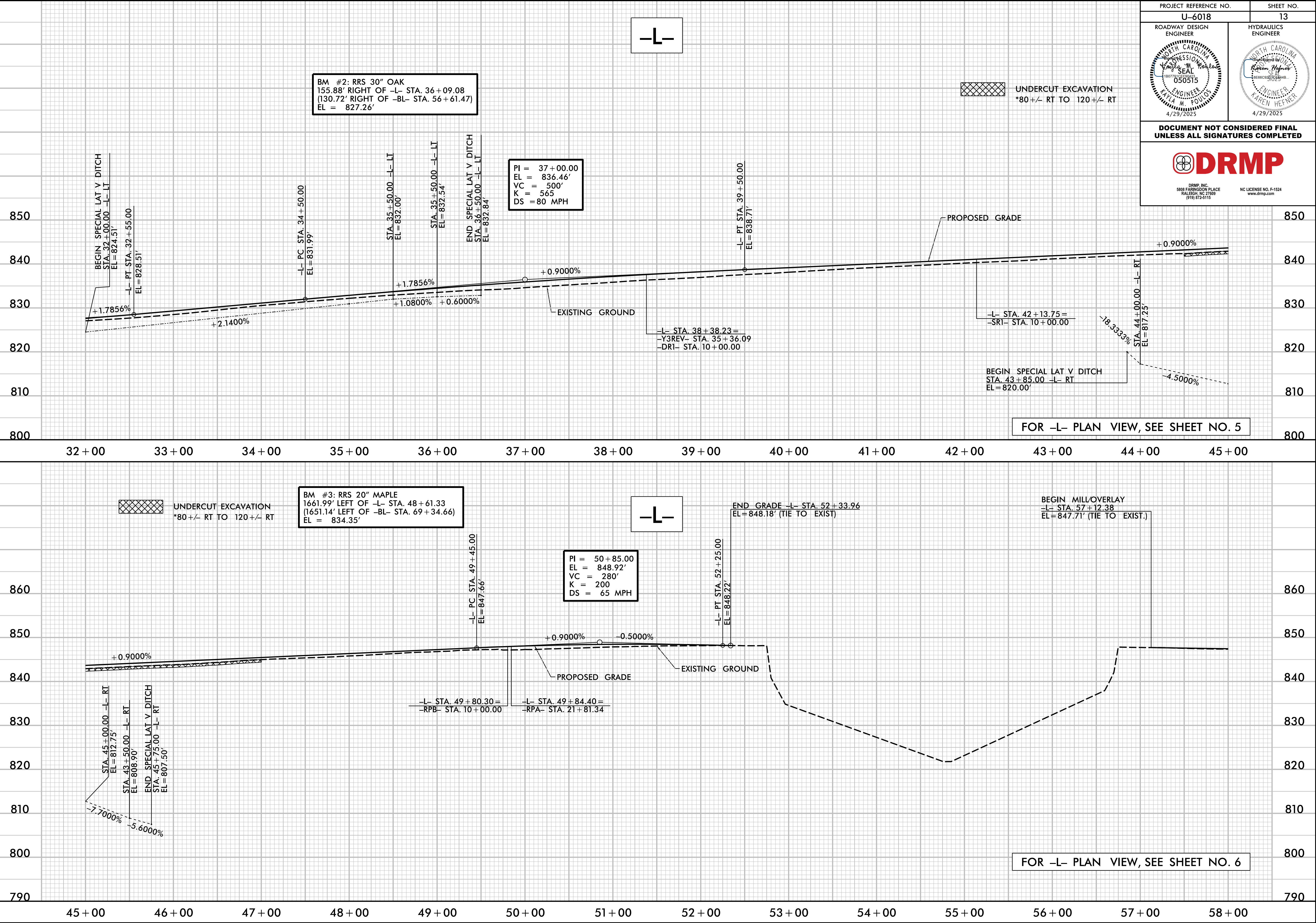
PROJECT REFERENCE NO. U-6018		SHEET NO. 12
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		
 DRMP, INC. 5888 FARMINGTON PLACE RALEIGH, NC 27609 (919) 872-5115 NC LICENSE NO. F-1524 www.drmp.com		

2/13/2025
User: jhudson
User: jhudson



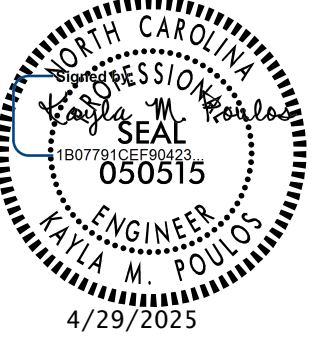
5/28/99

3/25/2025
User: jhudson

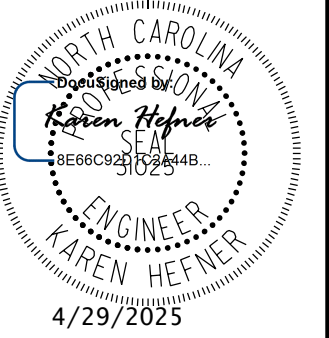


5/26/99

PROJECT REFERENCE NO.
U-6018

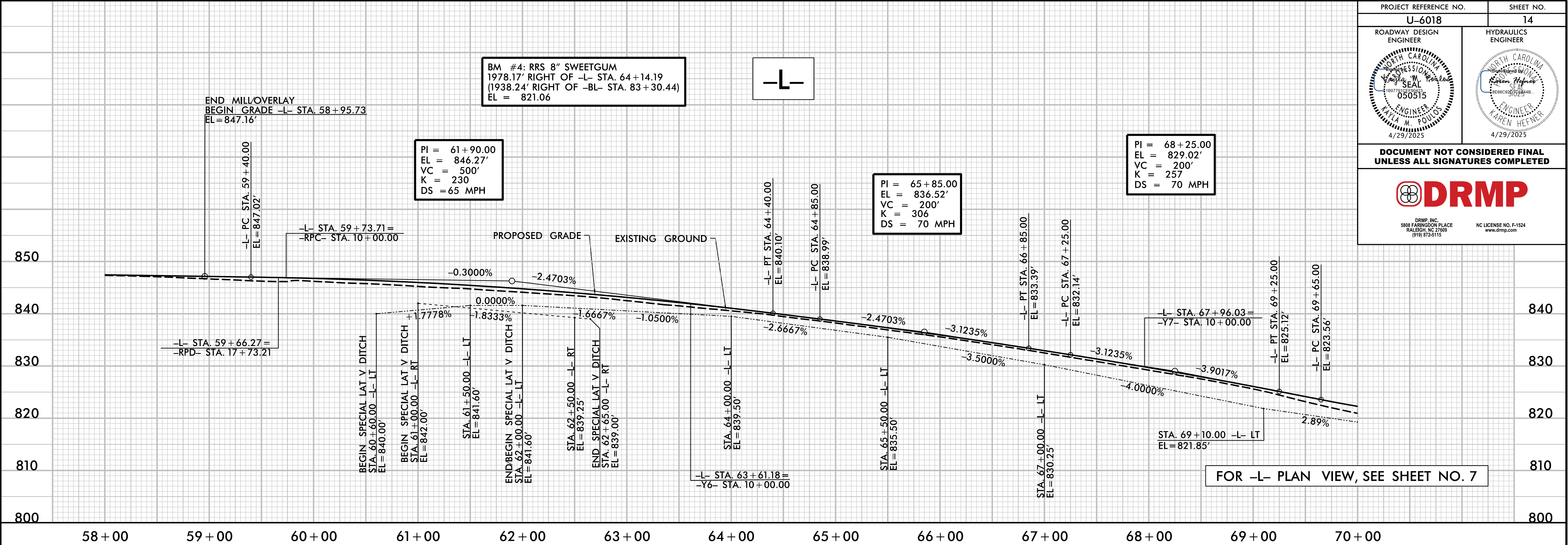
ROADWAY DESIGN
ENGINEER

KAYLA M. DOULOS
4/29/2025

SHEET NO.
14

HYDRAULICS
ENGINEER

KAREN HEFNER
4/29/2025

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED


DRMP, INC.
5808 FARMINGTON PLACE
RALEIGH, NC 27609
(919) 872-5115
NC LICENSE NO. F-1524
www.drmp.com



3/1/2025 U6018_Rdy.pf114.dgn User:Roulos

