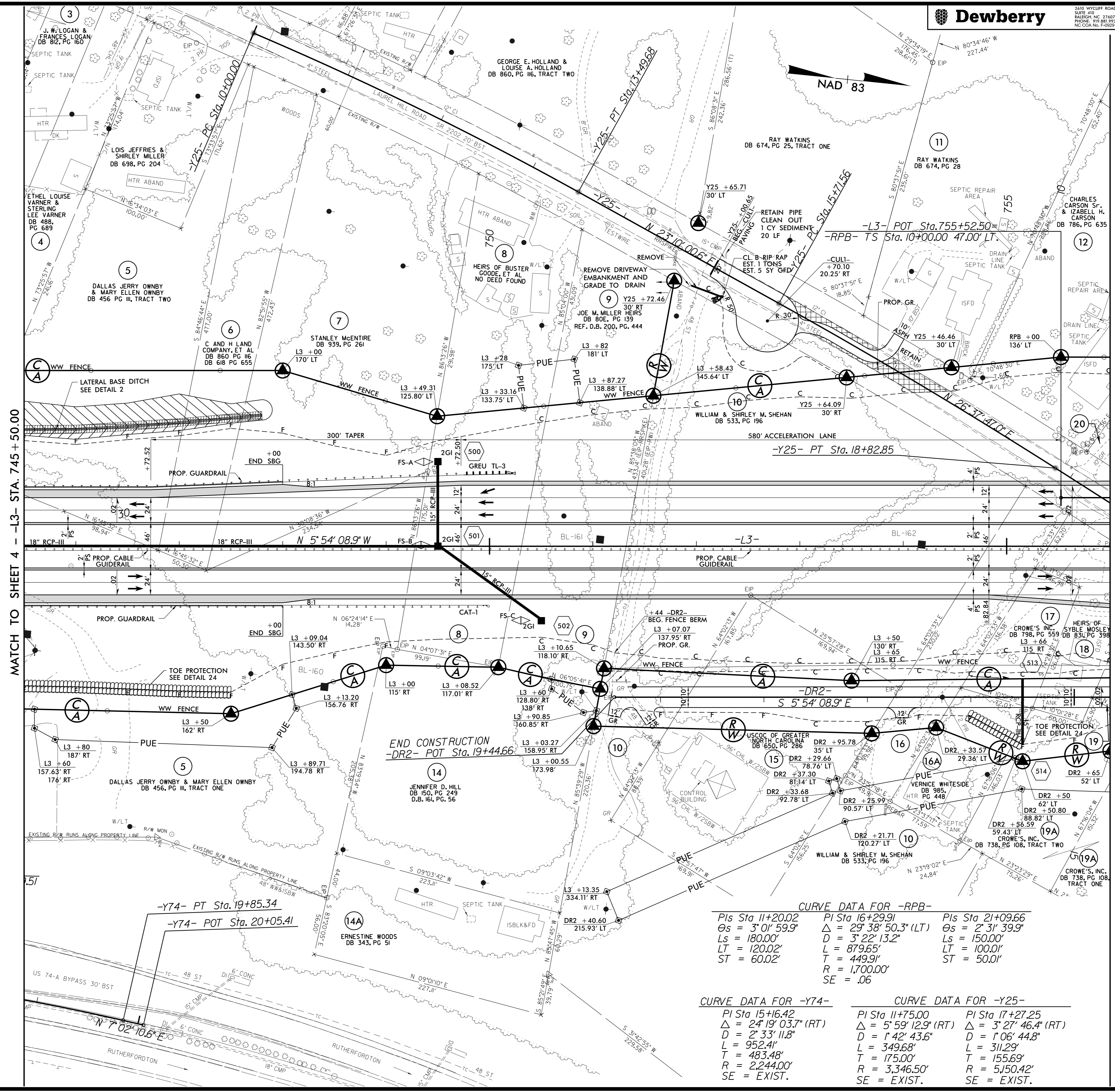




2410 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.883.9329
NC CCA No. F-0029

PROJECT REFERENCE NO. R-2233BB		SHEET NO. 5	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER 		HYDRAULICS ENGINEER 	
9/14/2021		9/14/2021	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



MATCH TO SHEET 4 - -L3- STA. 745+50.00

MATCH TO SHEET 6 - -L3- STA. 756+00.00

CURVE DATA FOR -RPB-

<i>Pis Sta 11+20.02</i>	<i>PI Sta 16+29.91</i>	<i>Pis Sta 21+09.66</i>
<i>Es = 3' 01' 59.9"</i>	<i>Δ = 29' 38' 50.3" (LT)</i>	<i>Es = 2' 31' 39.9"</i>
<i>Ls = 180.00'</i>	<i>D = 3' 22' 13.2"</i>	<i>Ls = 150.00'</i>
<i>LT = 120.02'</i>	<i>T = 879.65'</i>	<i>LT = 100.01'</i>
<i>ST = 60.02'</i>	<i>T = 449.91'</i>	<i>ST = 50.01'</i>
	<i>R = 1,700.00'</i>	
	<i>SE = .06</i>	

CURVE DATA FOR -Y74-

<i>PI Sta 15+16.42</i>
<i>Δ = 24' 19' 03.7" (RT)</i>
<i>D = 2' 33' 11.8"</i>
<i>L = 952.41'</i>
<i>T = 483.48'</i>
<i>R = 2,244.00'</i>
<i>SE = EXIST.</i>

CURVE DATA FOR -Y25-

<i>PI Sta 17+27.25</i>	<i>PI Sta 17+27.25</i>
<i>Δ = 5' 59' 12.9" (RT)</i>	<i>Δ = 3' 27' 46.4" (RT)</i>
<i>D = 1' 42' 43.6"</i>	<i>D = 1' 06' 44.8"</i>
<i>L = 349.68'</i>	<i>L = 311.29'</i>
<i>T = 483.48'</i>	<i>T = 155.69'</i>
<i>R = 3,346.50'</i>	<i>R = 5,150.42'</i>
<i>SE = EXIST.</i>	<i>SE = EXIST.</i>

SEE SHEET 34 FOR -L3- PROFILE
 SEE SHEET 56 FOR -RPB- PROFILE
 SEE SHEET 85 FOR -Y25REV- PROFILE
 SEE SHEET 86 FOR -DR2- PROFILE
 SEE SHEETS 2D-1 THRU 2D-9 FOR DRAINAGE DETAILS