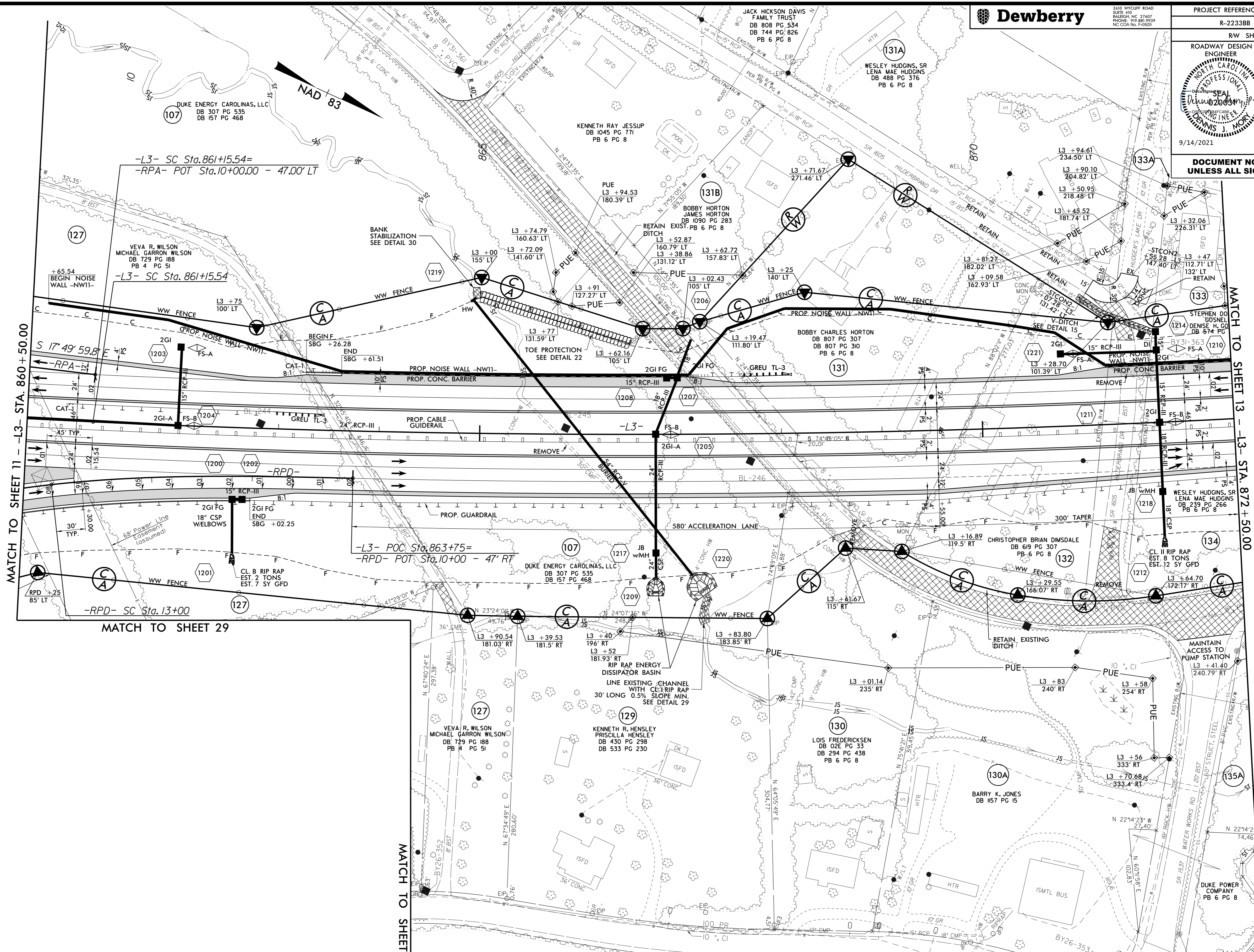




| | | |
|-----------------------------------|---------------------|-----------------|
| PROJECT REFERENCE NO. R-2233BB | | SHEET NO. 12 |
| RW SHEET NO. | | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER | |
| | | |
| 9/14/2021 | 9/14/2021 | |

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



MATCH TO SHEET 11 - L3- STA. 860 + 50.00

MATCH TO SHEET 13 - L3- STA. 872 + 50.00

MATCH TO SHEET 29

MATCH TO SHEET 29

CURVE DATA FOR -RPD-

| | | |
|--------------------------|-------------------------------|--------------------------|
| <i>Pis Sta 12+00.19</i> | <i>PI Sta 15+27.21</i> | <i>Pis Sta 18+12.27</i> |
| <i>Os = 7° 45' 00.0"</i> | <i>Δ = 23° 09' 28.9" (LT)</i> | <i>Os = 4° 57' 36.0"</i> |
| <i>Ls = 300.00'</i> | <i>D = 5° 10' 00.0"</i> | <i>Ls = 192.00'</i> |
| <i>LT = 200.19'</i> | <i>L = 448.22'</i> | <i>LT = 128.05'</i> |
| <i>ST = 100.17'</i> | <i>T = 227.21'</i> | <i>ST = 64.05'</i> |
| | <i>R = 1,108.95'</i> | |
| | <i>SE = .08</i> | |

CURVE DATA FOR -L3-

| | | |
|--------------------------|-------------------------------|--------------------------|
| <i>Pis Sta 860+48.88</i> | <i>PI Sta 872+38.56</i> | <i>Pis Sta 884+21.15</i> |
| <i>Os = 0° 29' 53.6"</i> | <i>Δ = 11° 09' 17.8" (LT)</i> | <i>Os = 0° 29' 53.6"</i> |
| <i>Ls = 200.00'</i> | <i>D = 0° 29' 53.6"</i> | <i>Ls = 200.00'</i> |
| <i>LT = 123.33'</i> | <i>L = 2,238.94'</i> | <i>LT = 133.33'</i> |
| <i>ST = 66.67'</i> | <i>T = 1,123.02'</i> | <i>ST = 66.67'</i> |
| | <i>R = 11,500.00'</i> | |
| | <i>SE = RC</i> | |
| | <i>RUNOFF = 90.00'</i> | |

SEE SHEET 43 FOR -L3- PROFILE
SEE SHEET 67 FOR -RPA- PROFILE
SEE SHEET 72 FOR -RPD- PROFILE
SEE SHEETS 2D-1 THRU 2D-9 FOR DRAINAGE DETAILS