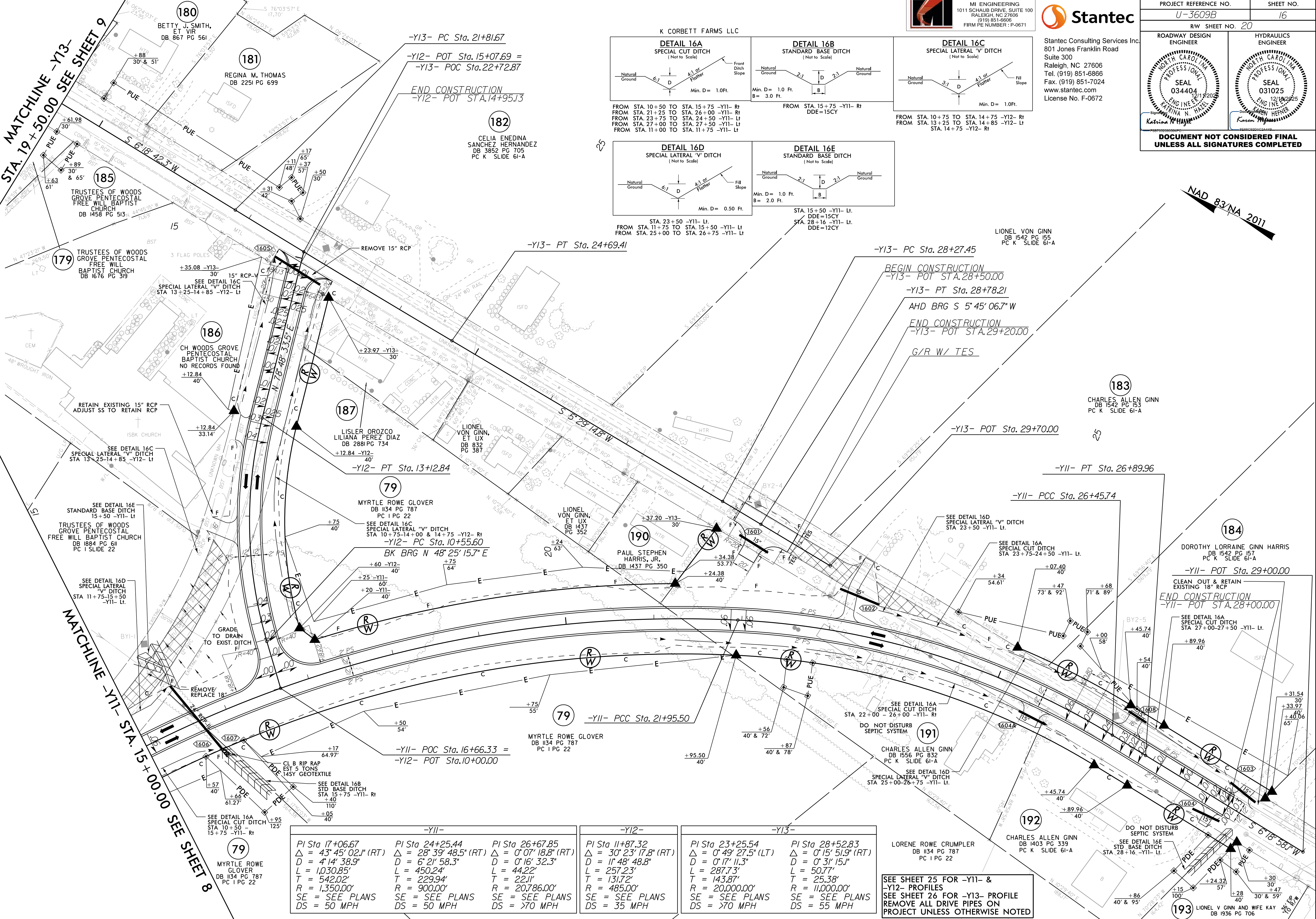


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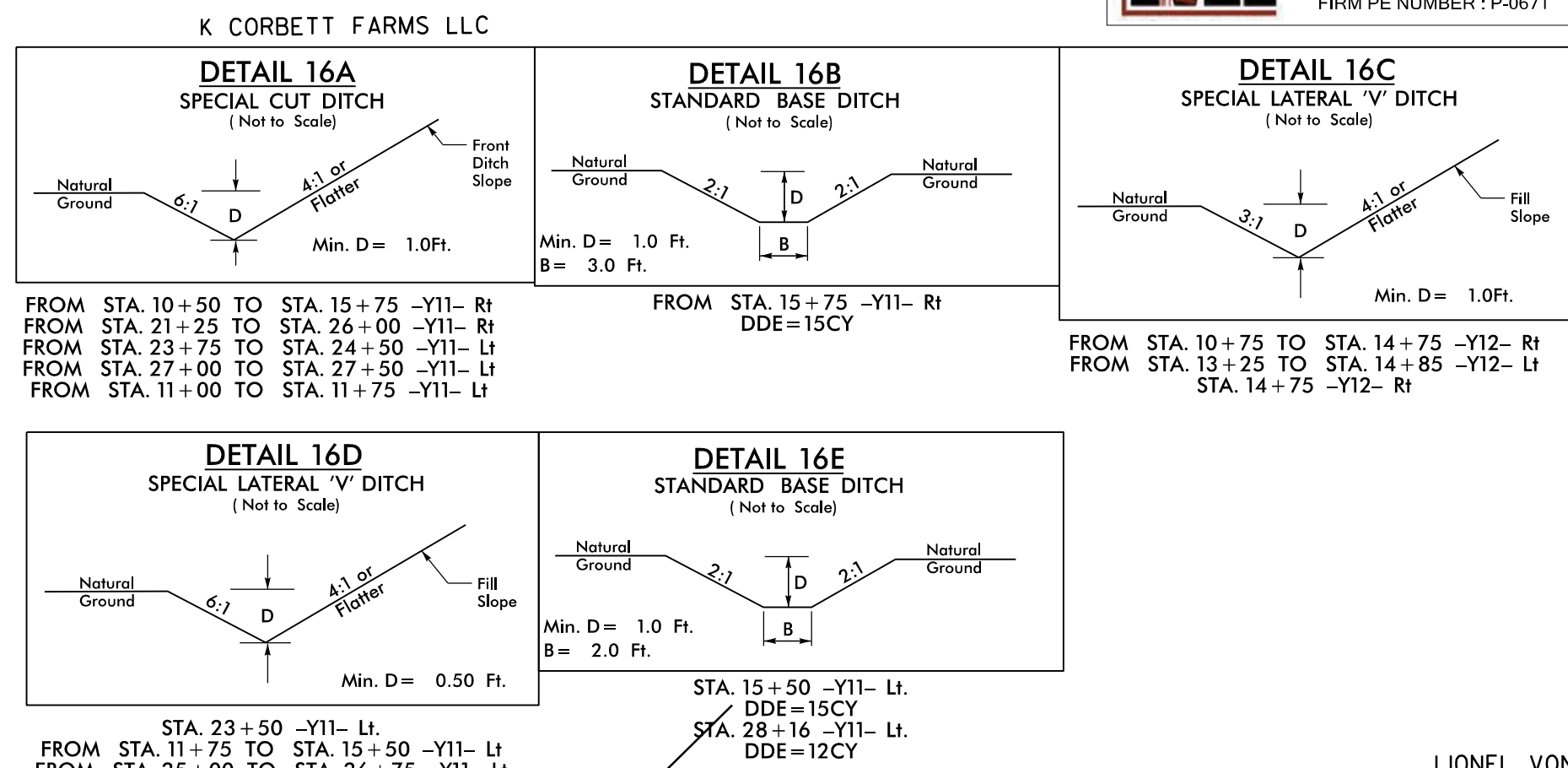


MI ENGINEERING  
1011 SCHAUB DRIVE, SUITE 100  
RALEIGH, NC 27608  
(919) 851-8606  
FIRM PE NUMBER : P-0671



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Raleigh, NC 27606  
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www.stantec.com  
License No. F-0672

| PROJECT REFERENCE NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| C. <div><div>Signature of<br/><u>Katrina N. Hazel</u></div><div>Signature of<br/><u>Karen Heffer</u></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| -Y11-                                                                                                                                           | -Y12-                                                                                                                                          | -Y13-                                                                                                                                        |
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| PI Sta 17+06.67<br>Δ = 43° 45' 02.1" (RT)<br>D = 4' 14" 38.9"<br>L = 1,030.85'<br>T = 542.02'<br>R = 1,350.00'<br>SE = SEE PLANS<br>DS = 50 MPH | PI Sta 24+25.44<br>Δ = 28° 39' 48.5" (RT)<br>D = 6' 21' 58.3"<br>L = 450.24'<br>T = 229.94'<br>R = 900.00'<br>SE = SEE PLANS<br>DS = 50 MPH    | PI Sta 26+67.85<br>Δ = 0° 07' 18.8" (RT)<br>D = 0' 16' 32.3"<br>L = 44.22'<br>T = 22.11'<br>R = 20,786.00'<br>SE = SEE PLANS<br>DS = >70 MPH |
| PI Sta 11+87.32<br>Δ = 30° 23' 17.8" (RT)<br>D = 1' 17" 11.3"<br>L = 257.23'<br>T = 143.72'<br>R = 485.00'<br>SE = SEE PLANS<br>DS = 35 MPH     | PI Sta 23+25.54<br>Δ = 0° 49' 27.5" (LT)<br>D = 0' 17' 11.3"<br>L = 287.73'<br>T = 143.87'<br>R = 20,000.00'<br>SE = SEE PLANS<br>DS = >70 MPH | PI Sta 28+52.83<br>Δ = 0° 15' 51.9" (RT)<br>D = 0' 31' 15.1"<br>L = 50.77'<br>T = 25.38'<br>R = 11,000.00'<br>SE = SEE PLANS<br>DS = 55 MPH  |

SEE SHEET 25 FOR -Y11- & -Y12- PROFILES  
SEE SHEET 26 FOR -Y13- PROFILE  
REMOVE ALL DRIVE PIPES ON PROJECT UNLESS OTHERWISE NOTED