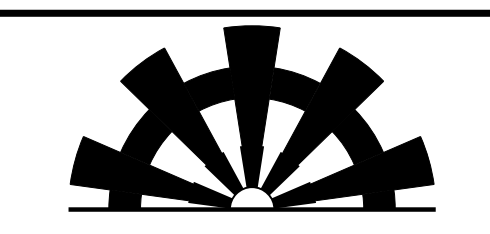


8/17/99



**SUNGATE DESIGN GROUP, P.A.**  
905 JONES FRANKLIN ROAD  
RALEIGH, NORTH CAROLINA 27606  
TEL (919) 859-2243  
ENG FIRM LICENSE NO. C-890

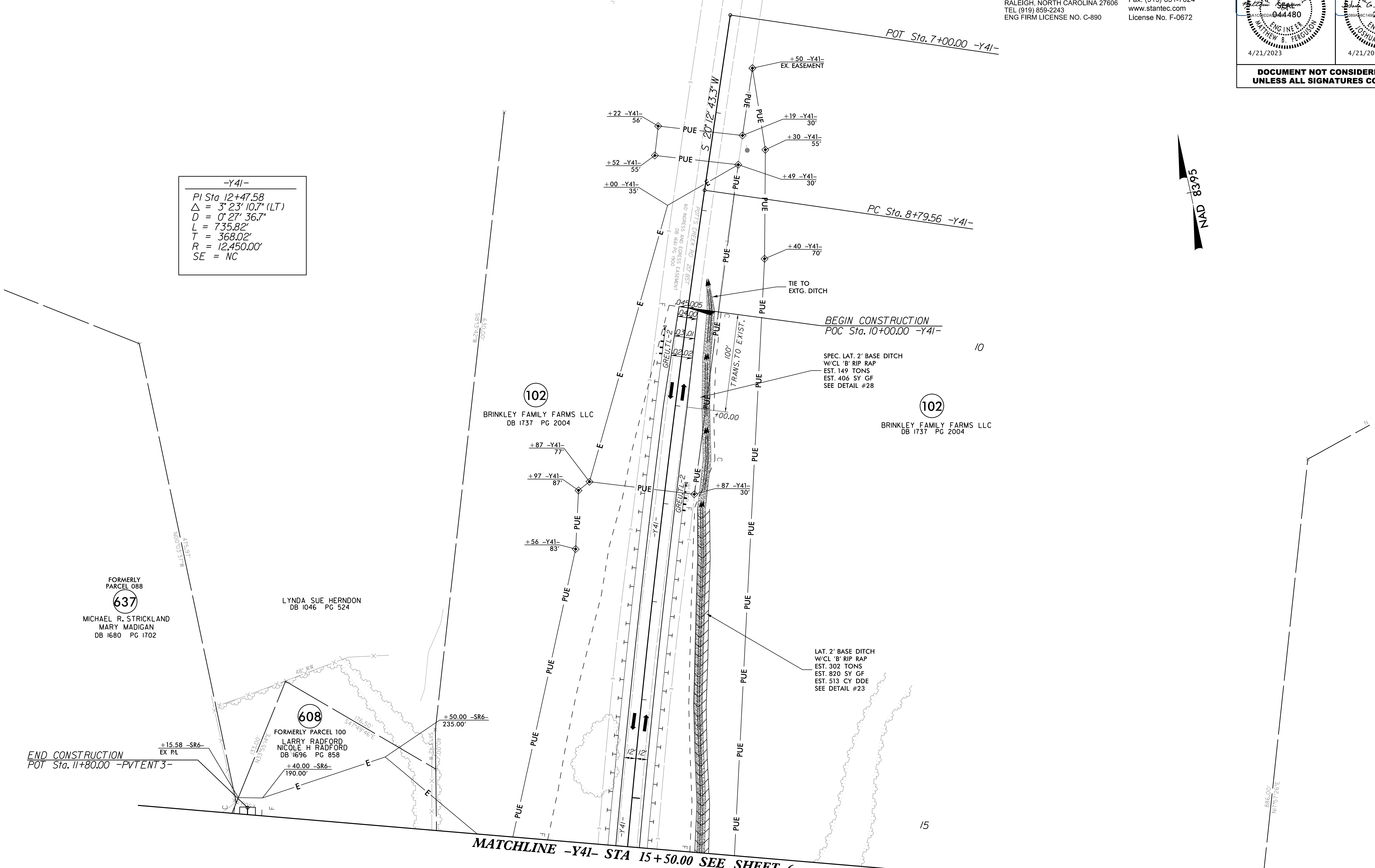


**Stantec**  
Stantec Consulting Services Inc.  
801 Jones Franklin Road  
Suite 300  
Raleigh, NC 27606  
Tel. (919) 851-6866  
Fax. (919) 851-7024  
www.stantec.com  
License No. F-0672

PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. 15
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

-Y41-

PI Sta 12+47.58  
 $\Delta = 3^{\circ} 23' 10.7''$  (LT)  
 $D = 0^{\circ} 27' 36.7''$   
 $L = 735.82'$   
 $T = 368.02'$   
 $R = 12,450.00'$   
 $SE = NC$



4/16/2023 c:\users\moferguson\documents\pwworking\dm43124\2707E\_RDY\_PSH15.dgn moferguson

REFERENCES:  
FOR -Y41- PROFILE, SEE SHEET NO. 32