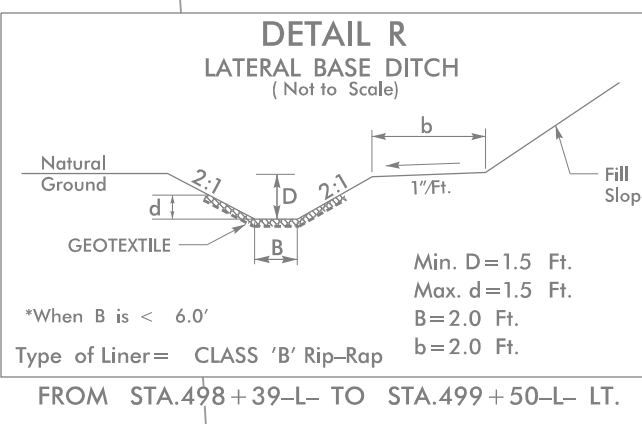
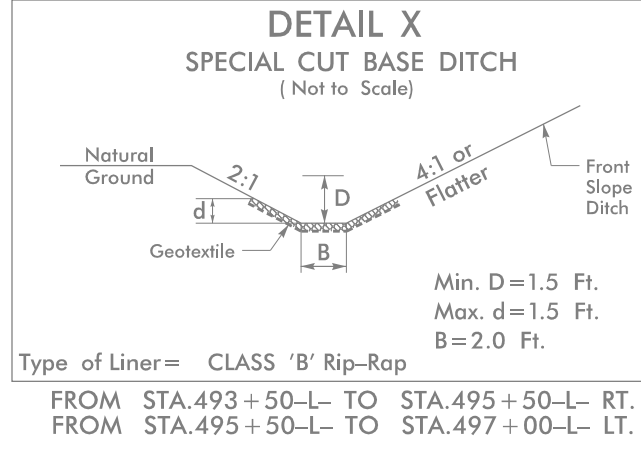
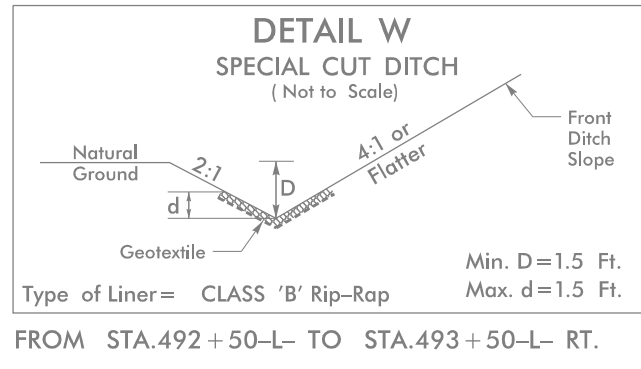
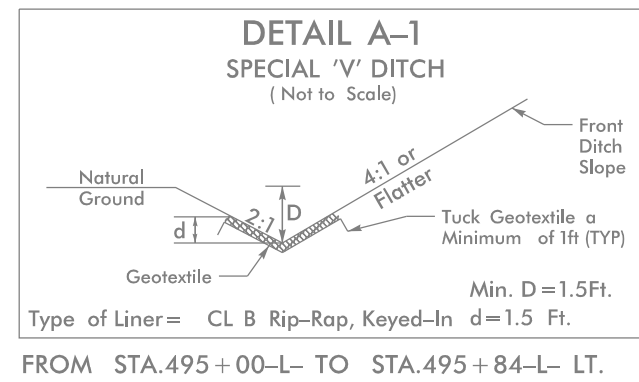
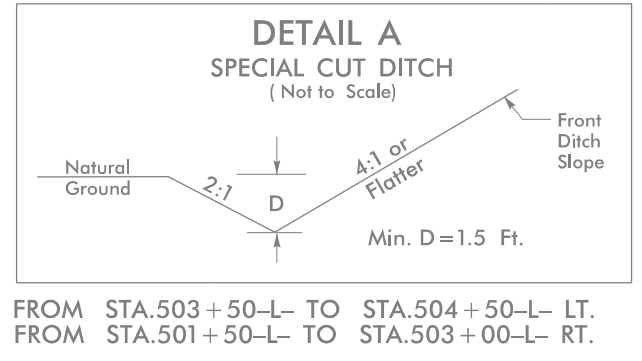
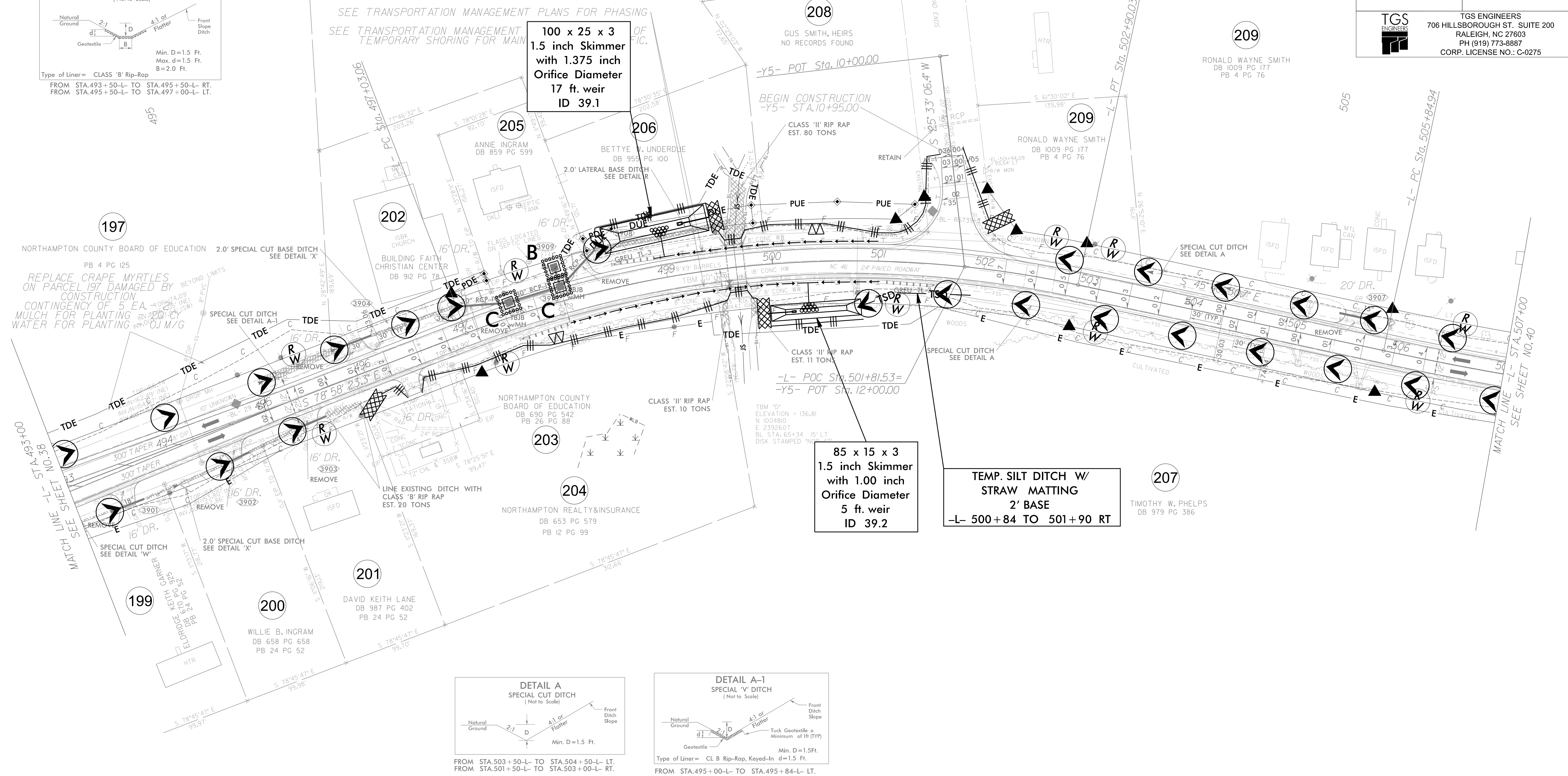


| PROJECT REFERENCE NO.                                                                                                   | SHEET NO.           |
|-------------------------------------------------------------------------------------------------------------------------|---------------------|
| R-5739                                                                                                                  | EC-79/CONST.39      |
| RW SHEET NO.                                                                                                            |                     |
| ROADWAY DESIGN ENGINEER                                                                                                 | HYDRAULICS ENGINEER |
| TGS ENGINEERS<br>706 HILLSBOROUGH ST., SUITE 200<br>RALEIGH, NC 27603<br>PH (919) 773-8887<br>CORP. LICENSE NO.: C-0275 |                     |



PI Sta 500+05.09  
 $\Delta = 33^\circ 17' 52.6''$  (RT)  
 $D = 5^\circ 40' 22.3''$   
 $L = 586.97'$   
 $T = 302.03'$   
 $R = 1,010.00'$   
 $SE = 07$   
 $V = 45$  mph

PI Sta 507+89.53  
 $\Delta = 7^\circ 40' 31.1''$  (LT)  
 $D = 1^\circ 52' 42.8''$   
 $L = 408.58'$   
 $T = 204.59'$   
 $R = 3,050.00'$   
 $SE = 04$   
 $V = 45$  mph



NOTE:  
UTILIZE TEMPORARY SEDIMENT BASIN OR SPECIAL STILLING BASIN(S) AS STILLING BASIN WHERE APPLICABLE.