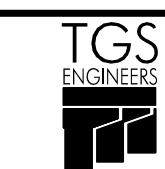


5/28/23



TGS ENGINEERS
706 HILLSBOROUGH ST. SUITE 200
RALEIGH, NC 27603
PH (919) 773-8887
CORP. LICENSE NO.: C-0275



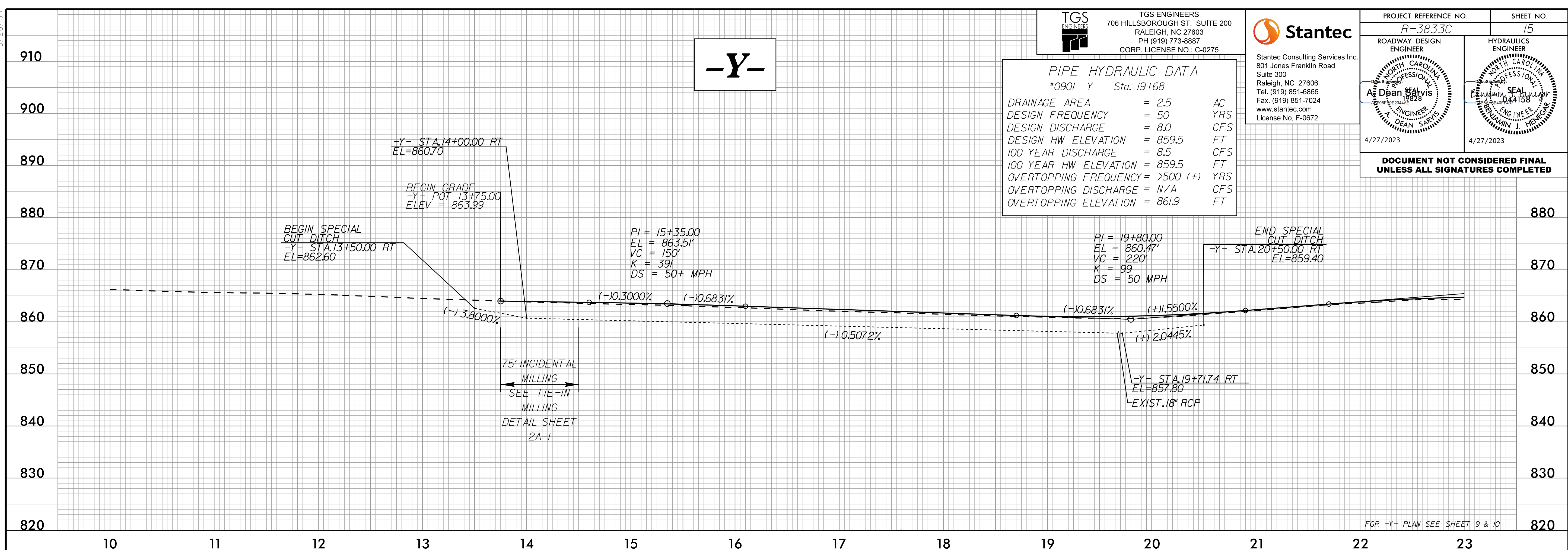
Stantec Consulting Services Inc.
801 Jones Franklin Road
Suite 300
Raleigh, NC 27606
Tel. (919) 851-6886
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

PROJECT REFERENCE NO. <i>R-3833C</i>	SHEET NO. <i>15</i>
ROADWAY DESIGN ENGINEER <i>A. Dean Sallis</i> 19828	HYDRAULICS ENGINEER <i>Benjamin J. Henegar</i> 044158
4/27/2023	4/27/2023

PIPE HYDRAULIC DATA
*0901 -Y- Sta. 19+68

DRAINAGE AREA	= 2.5	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 8.0	CFS
DESIGN HW ELEVATION	= 859.5	FT
100 YEAR DISCHARGE	= 8.5	CFS
100 YEAR HW ELEVATION	= 859.5	FT
OVERTOPPING FREQUENCY	= >500 (+)	YRS
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING ELEVATION	= 861.9	FT

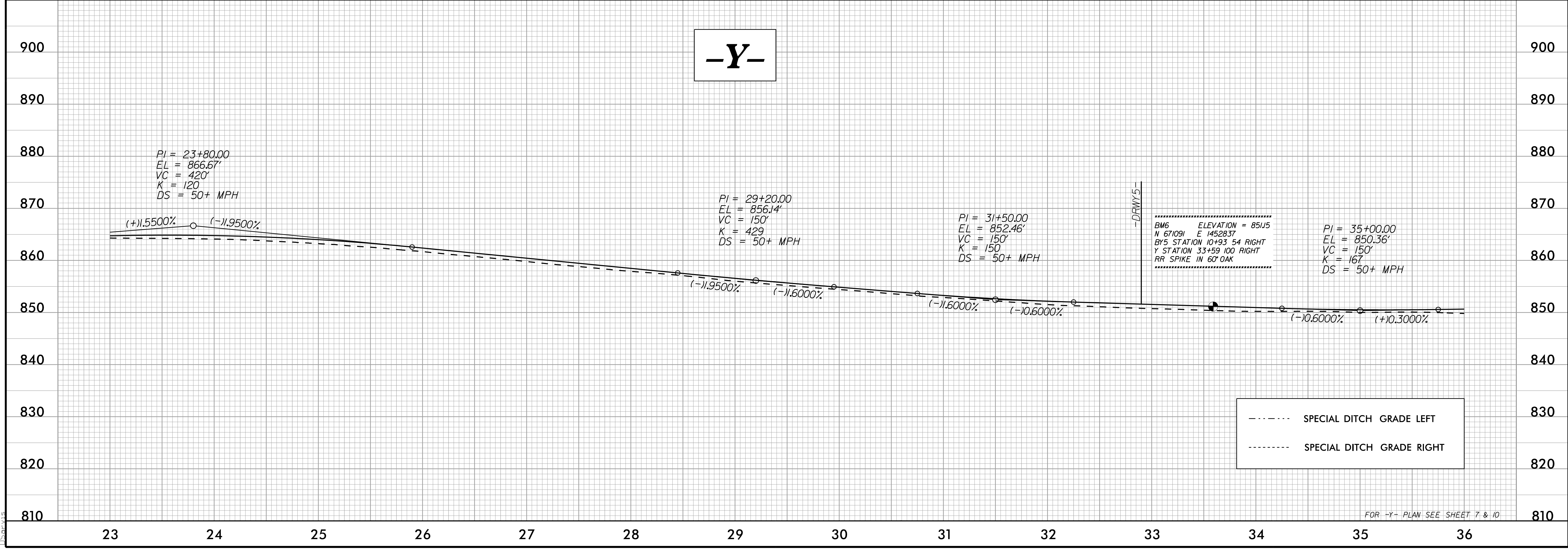
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



FOR -Y- PLAN SEE SHEET 9 & 10

7/30/2023
I:\Projects\2023\15\1506091\Proj\R3833C_rdy_of1_layout.dgn
ASallis

-Y-



FOR -Y- PLAN SEE SHEET 7 & 10

----- SPECIAL DITCH GRADE LEFT
----- SPECIAL DITCH GRADE RIGHT