

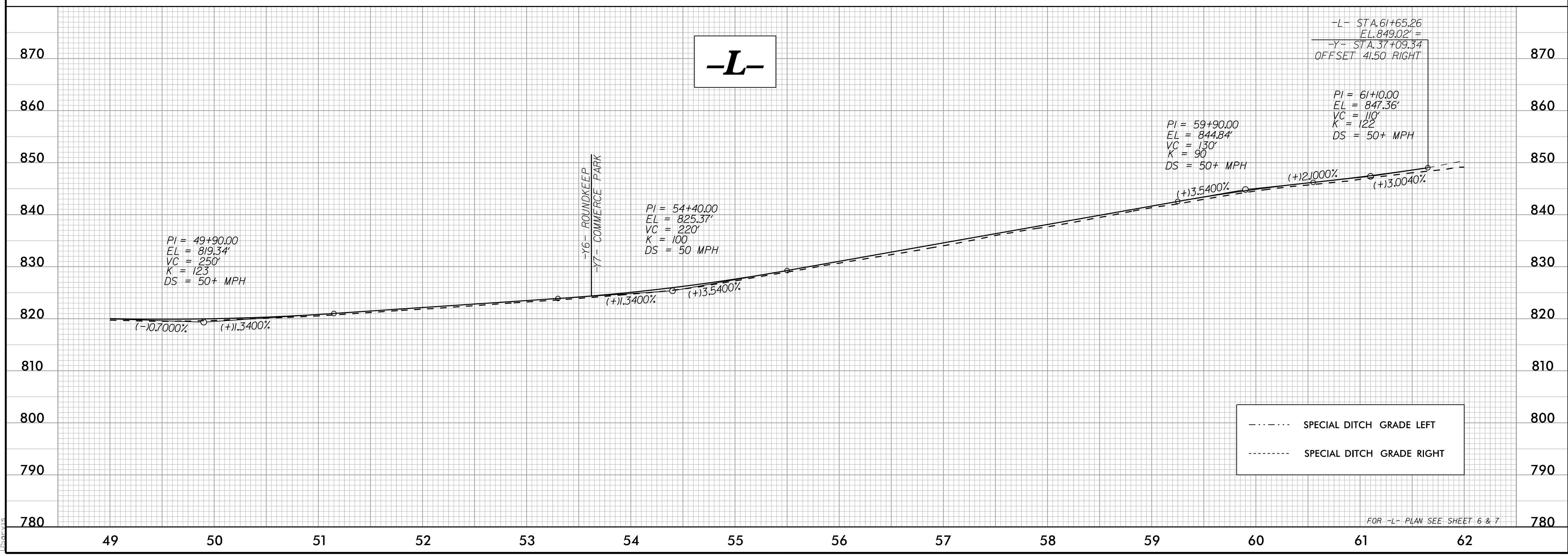
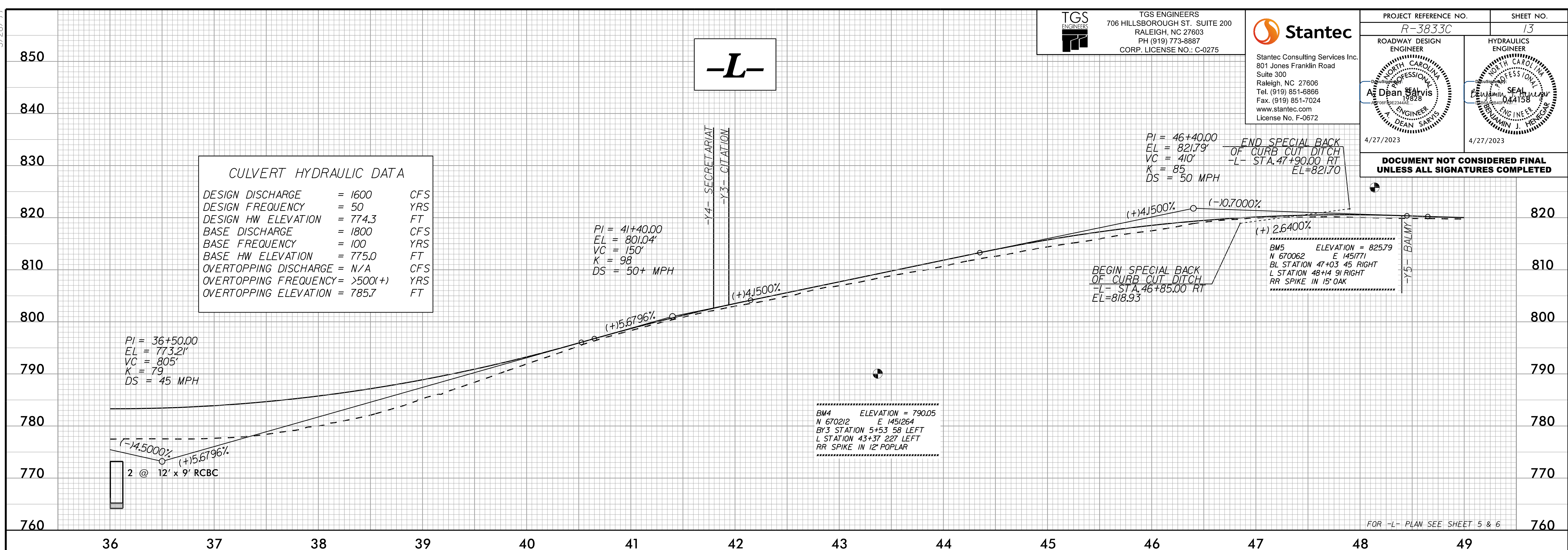
5/28/2023

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PROJECT REFERENCE NO. <i>R-3833C</i>	SHEET NO. <i>13</i>
ROADWAY DESIGN ENGINEER <i>A. Dean Salyis</i> 19828	HYDRAULICS ENGINEER <i>Benjamin J. Henegar</i> 044158
4/27/2023	4/27/2023

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

4/27/2023
I:\Projects\Roadway\Proj\R3833C_rdy_of_1_layout.dgn
A. Dean Salyis

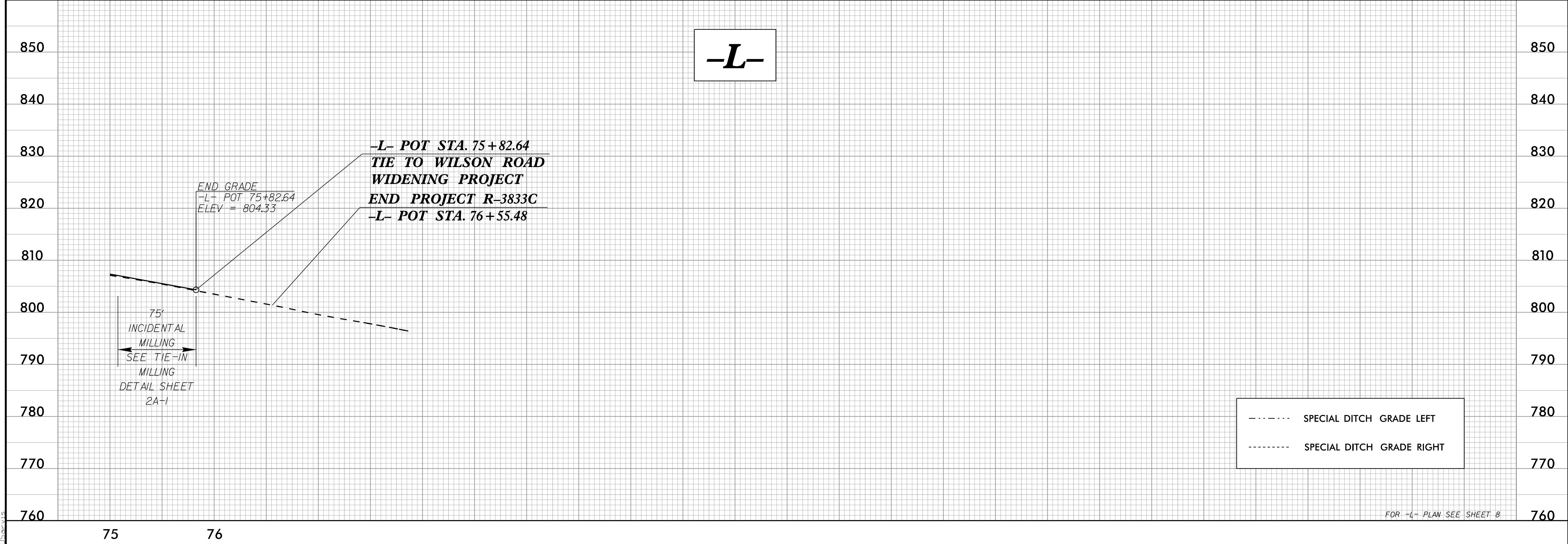
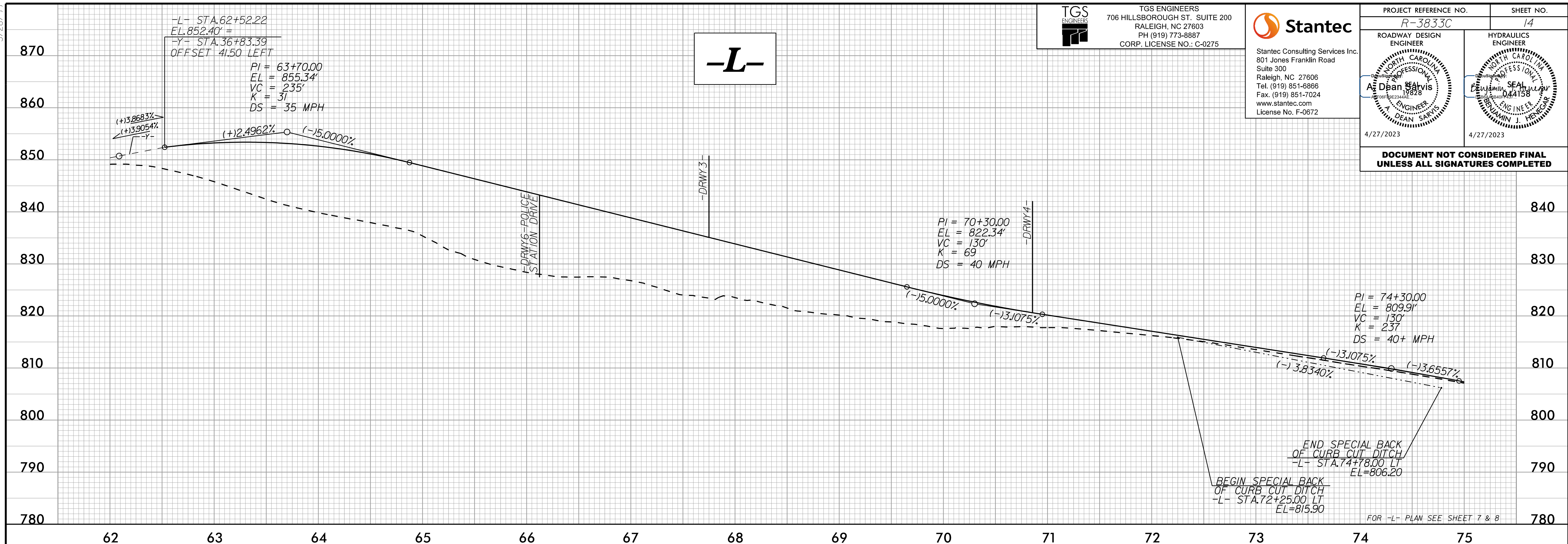
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PROJECT REFERENCE NO. <i>R-3833C</i>	SHEET NO. <i>14</i>
ROADWAY DESIGN ENGINEER <i>A. Dean Salvis</i> 19828	HYDRAULICS ENGINEER <i>Benjamin J. Henegar</i> 044158
4/27/2023	4/27/2023

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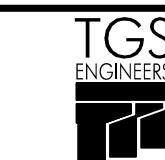


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FOR -L- PLAN SEE SHEET 8

4/27/2023
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 DS:Salvis

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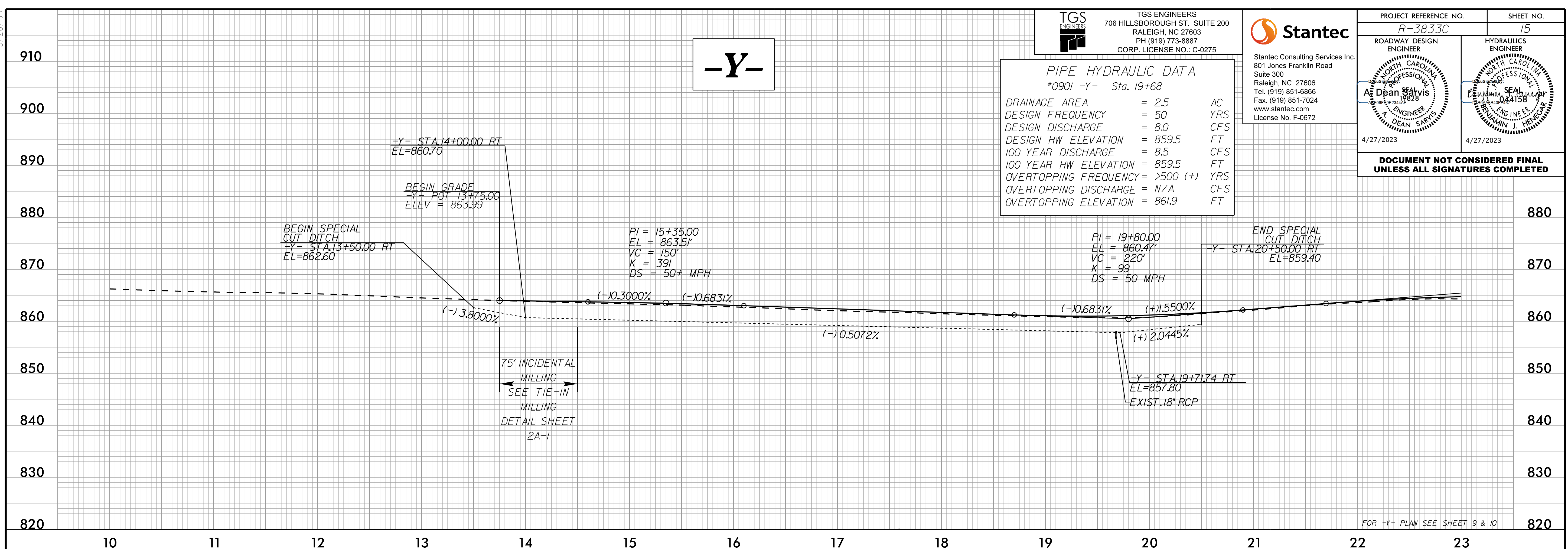
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PROJECT REFERENCE NO. <i>R-3833C</i>	SHEET NO. <i>15</i>
ROADWAY DESIGN ENGINEER <i>Dean Salvis</i>	HYDRAULICS ENGINEER <i>Benjamin J. Henegar</i>
4/27/2023	4/27/2023

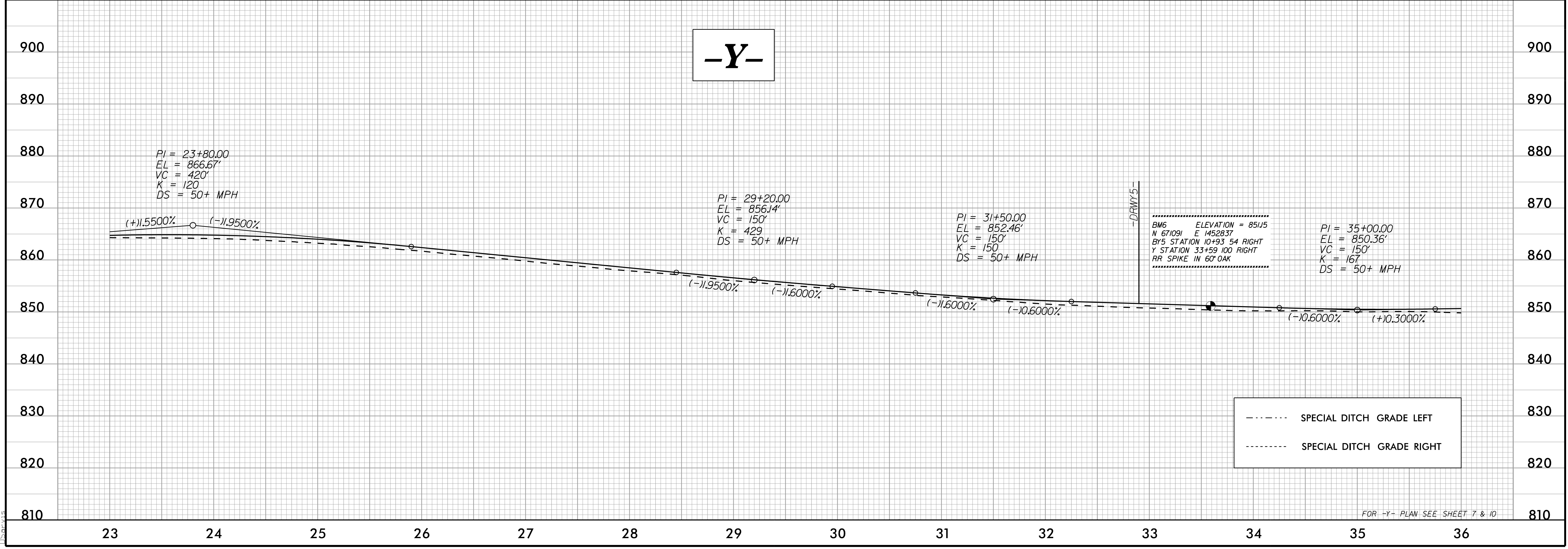
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PIPE HYDRAULIC DATA
*0901 -Y- Sta. 19+68

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

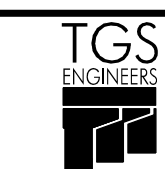


-Y-



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5/28/23



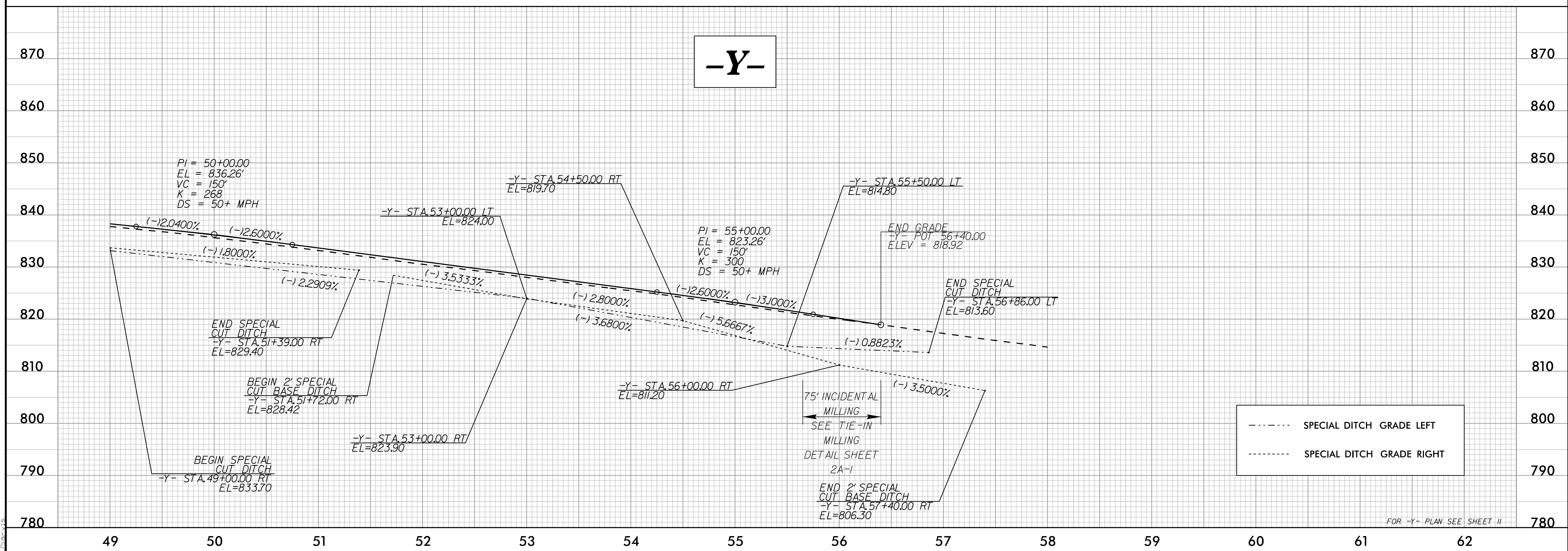
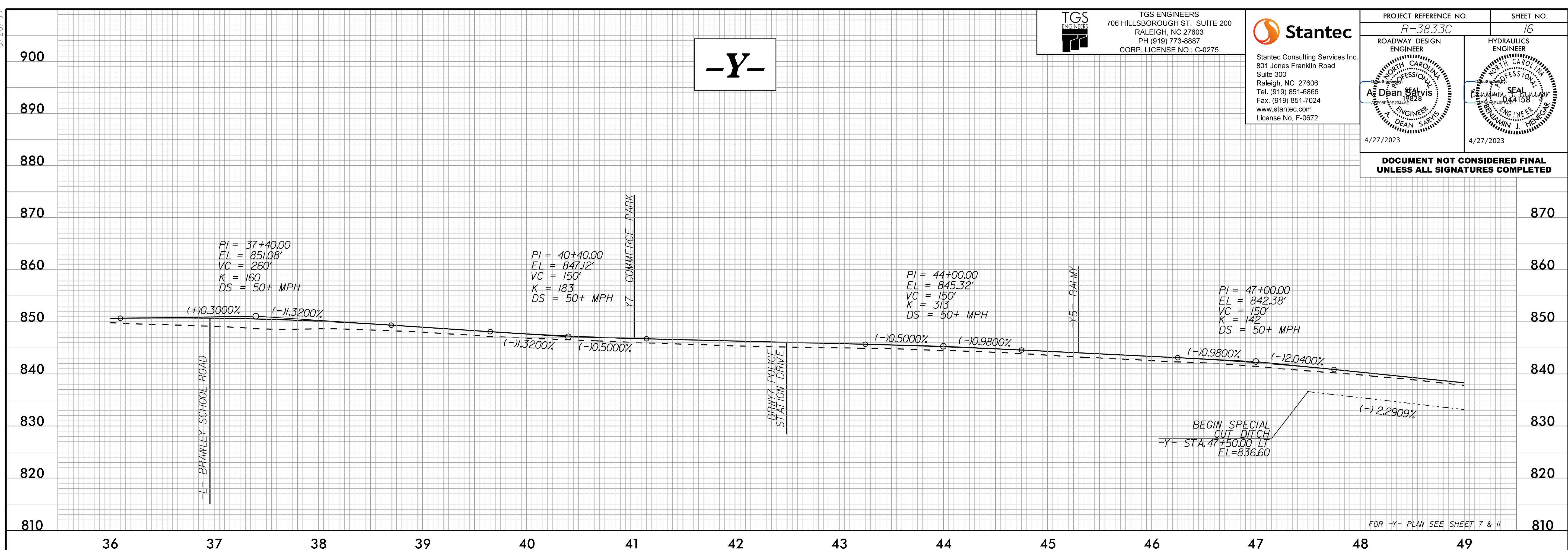
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PROJECT REFERENCE NO. <i>R-3833C</i>	SHEET NO. <i>16</i>
ROADWAY DESIGN ENGINEER <i>A. Dean Salvis</i> 19828 NORTH CAROLINA PROFESSIONAL ENGINEER	HYDRAULICS ENGINEER <i>Benjamin J. Henegar</i> 044158 NORTH CAROLINA PROFESSIONAL ENGINEER
4/27/2023	4/27/2023

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7/30/2023
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ASalvis

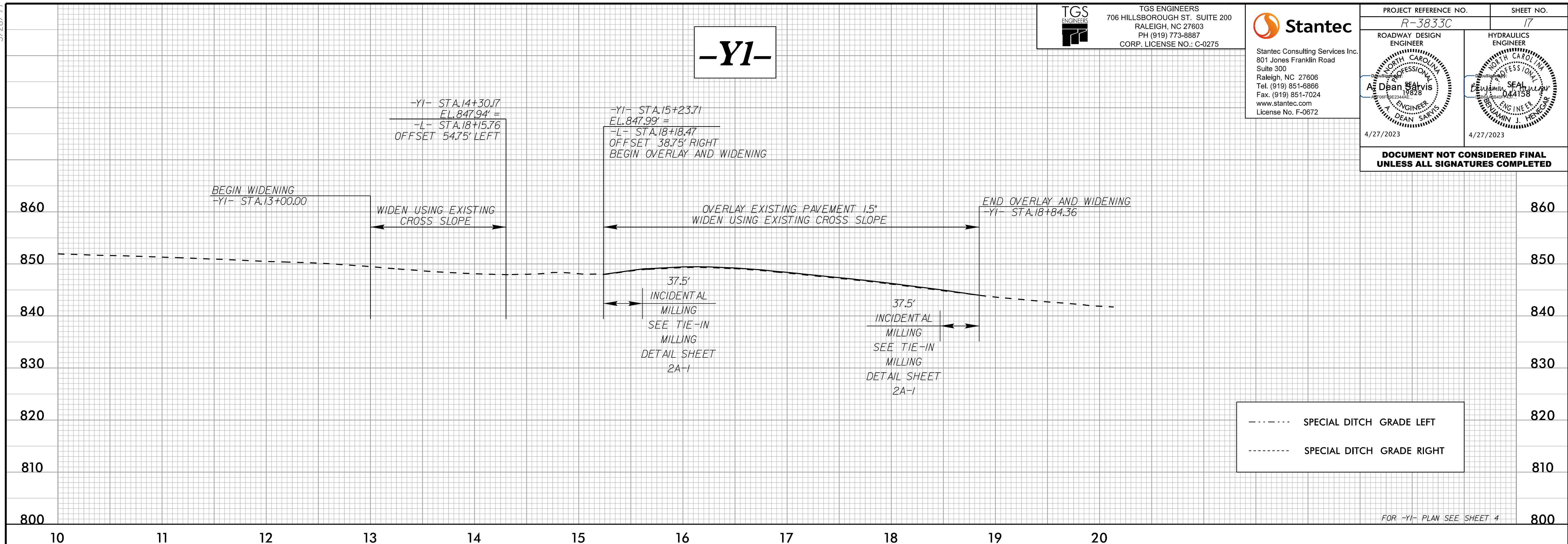
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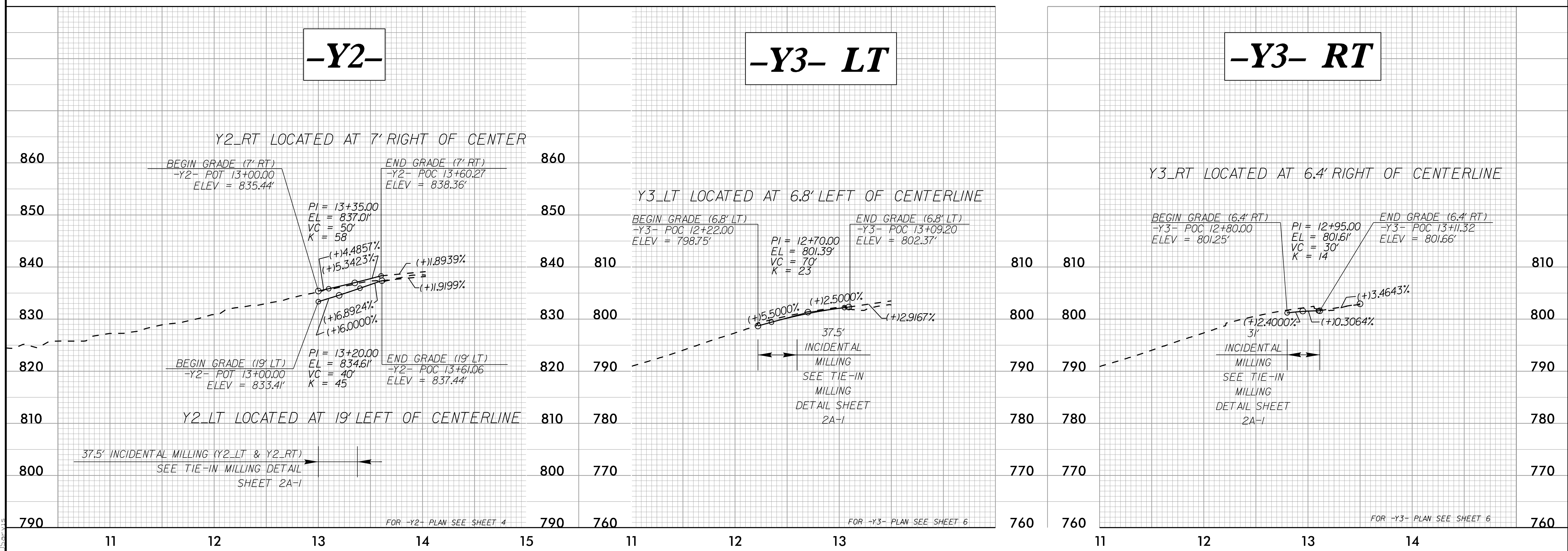
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PROJECT REFERENCE NO. R-3833C	SHEET NO. 17
ROADWAY DESIGN ENGINEER A. Dean Salyis 19828	HYDRAULICS ENGINEER Benjamin J. Henegar 044158
4/27/2023	4/27/2023

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FOR -Y1- PLAN SEE SHEET 4



FOR -Y2- PLAN SEE SHEET 4

FOR -Y3- PLAN SEE SHEET 6

FOR -Y3- PLAN SEE SHEET 6

3/30/2023
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A. Dean Salyis

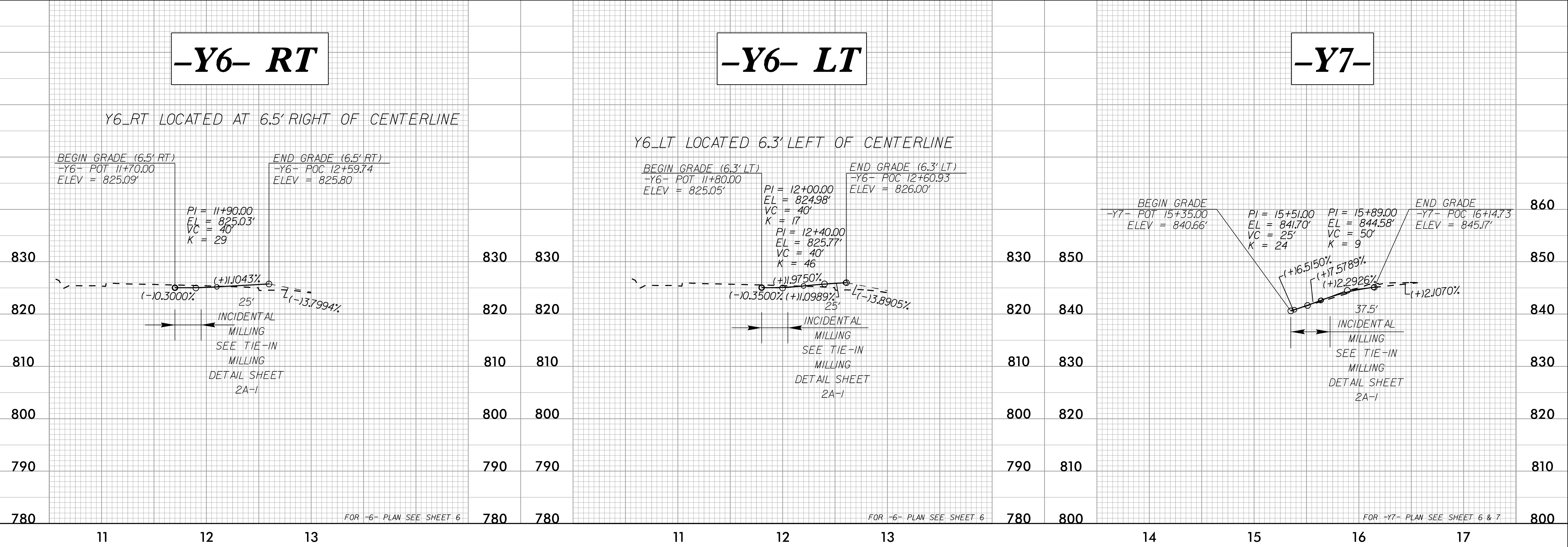
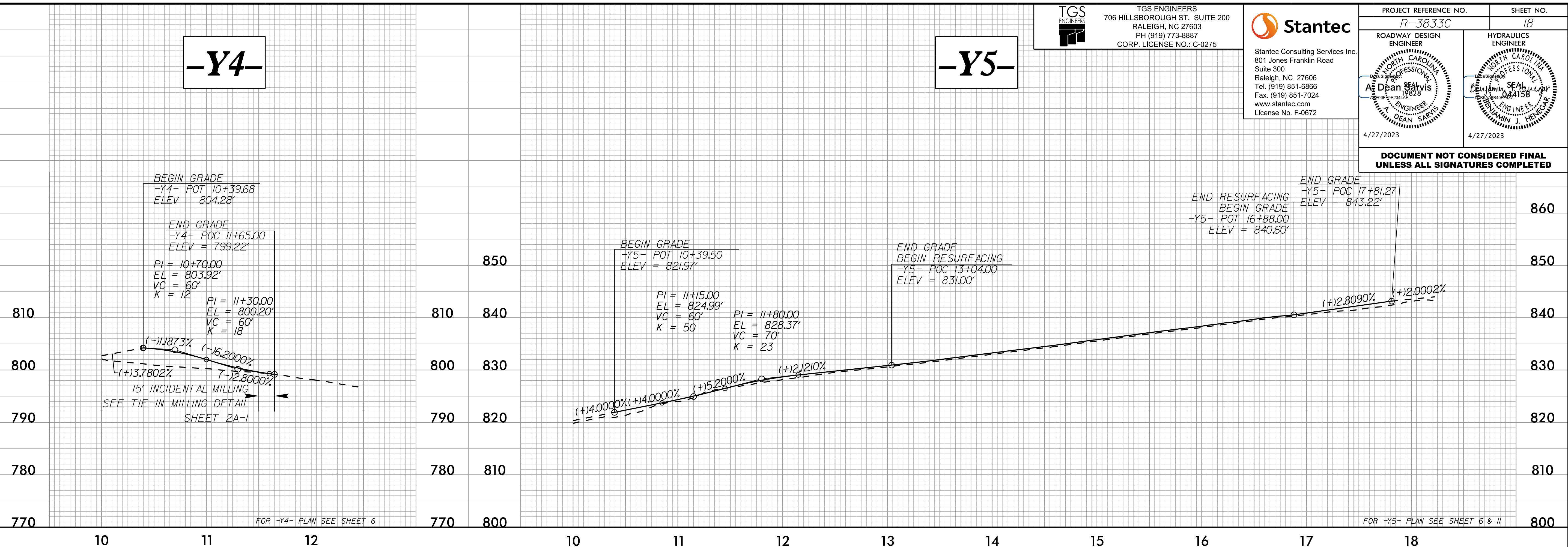
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PROJECT REFERENCE NO. R-3833C	SHEET NO. 18
ROADWAY DESIGN ENGINEER <i>A. Dean Sarris</i> 19828 NORTH CAROLINA PROFESSIONAL ENGINEER LICENSE NO. 044158	HYDRAULICS ENGINEER <i>Benjamin J. Henegar</i> 044158 NORTH CAROLINA PROFESSIONAL ENGINEER LICENSE NO. 044158
4/27/2023	4/27/2023

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 A. Dean Sarris

-Y4-

-Y5-

-Y6- RT

-Y6- LT

-Y7-

FOR -Y4- PLAN SEE SHEET 6

FOR -Y5- PLAN SEE SHEET 6 & 11

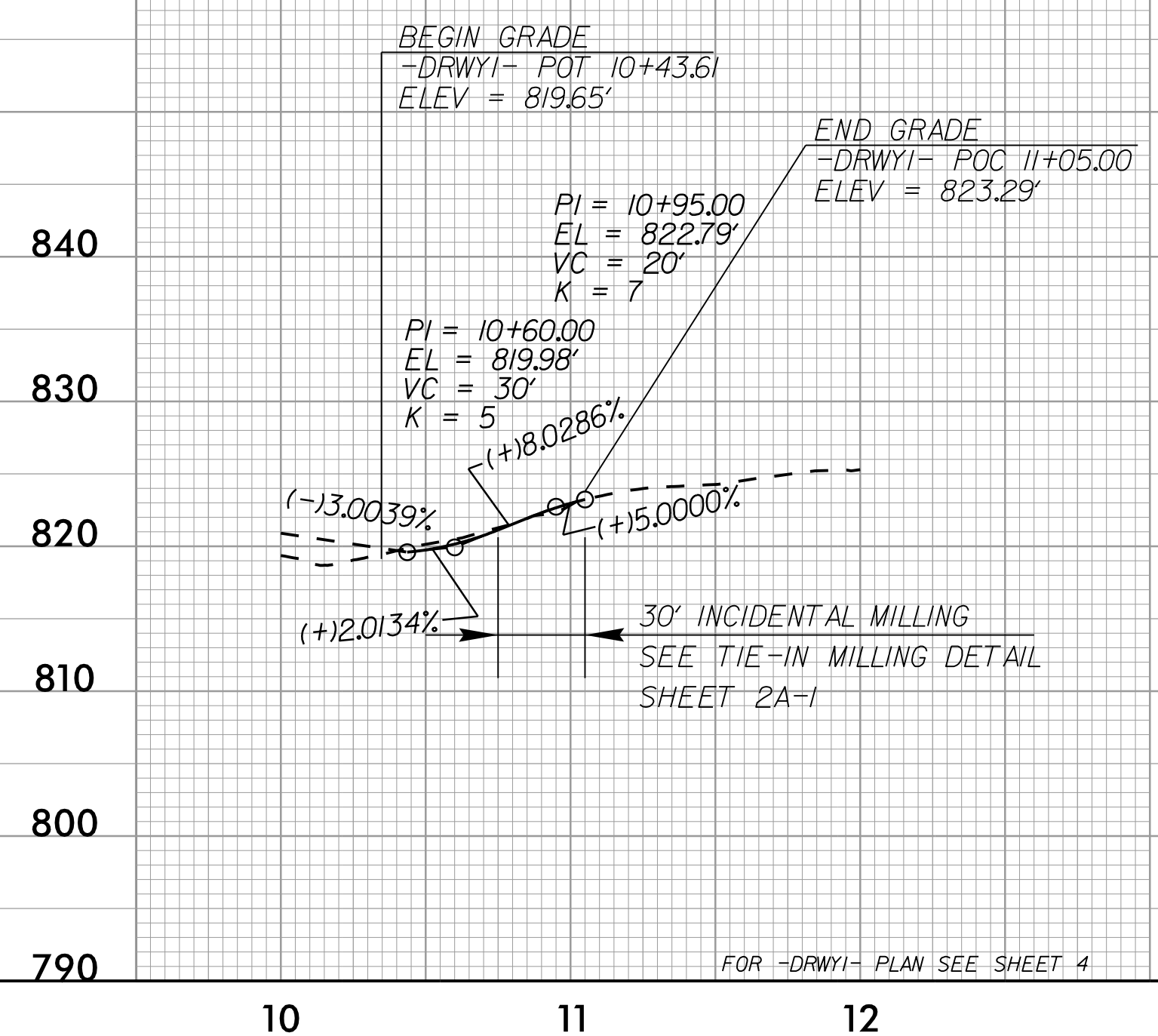
FOR -6- PLAN SEE SHEET 6

FOR -6- PLAN SEE SHEET 6

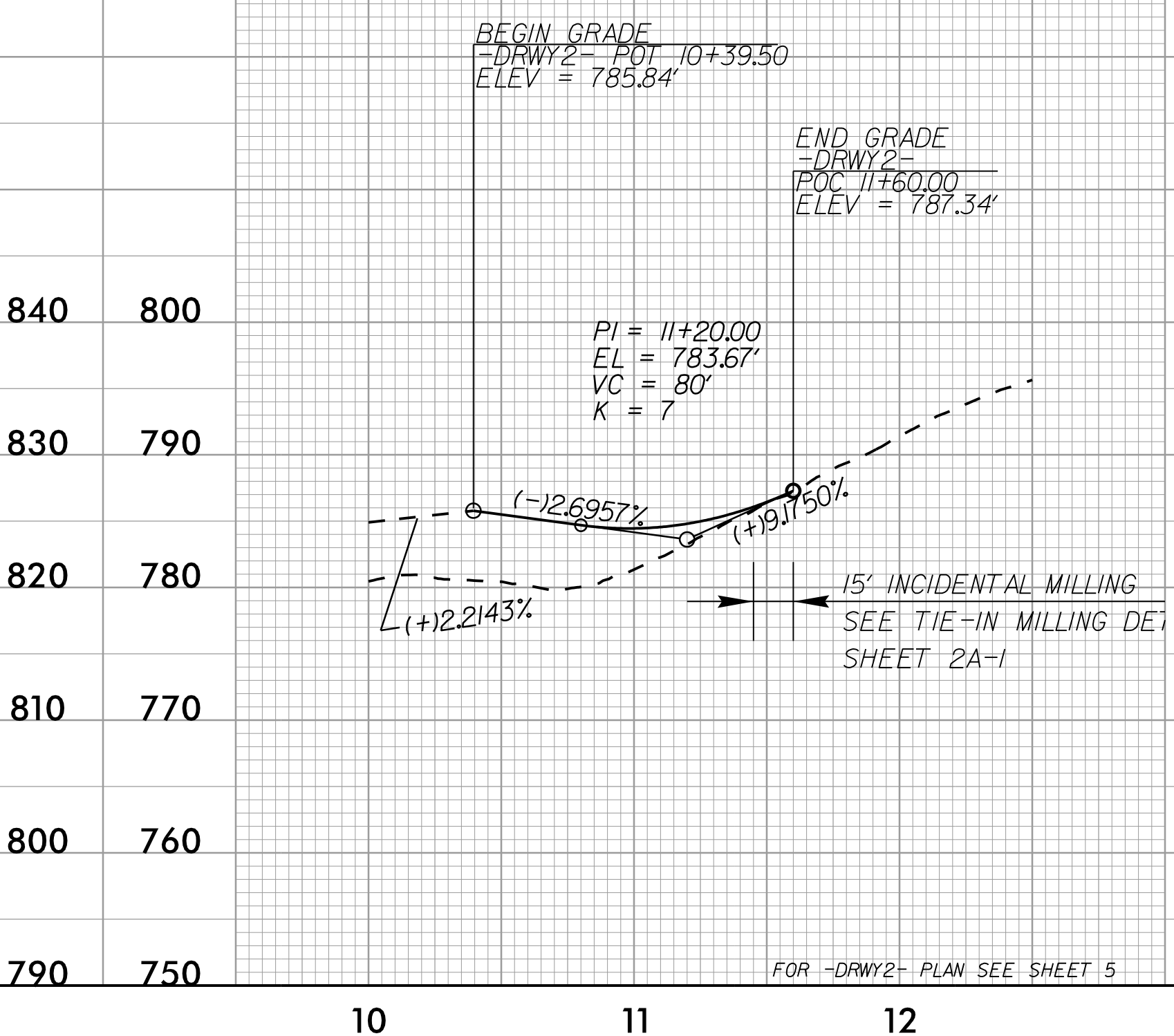
FOR -Y7- PLAN SEE SHEET 6 & 7

5/28/2023

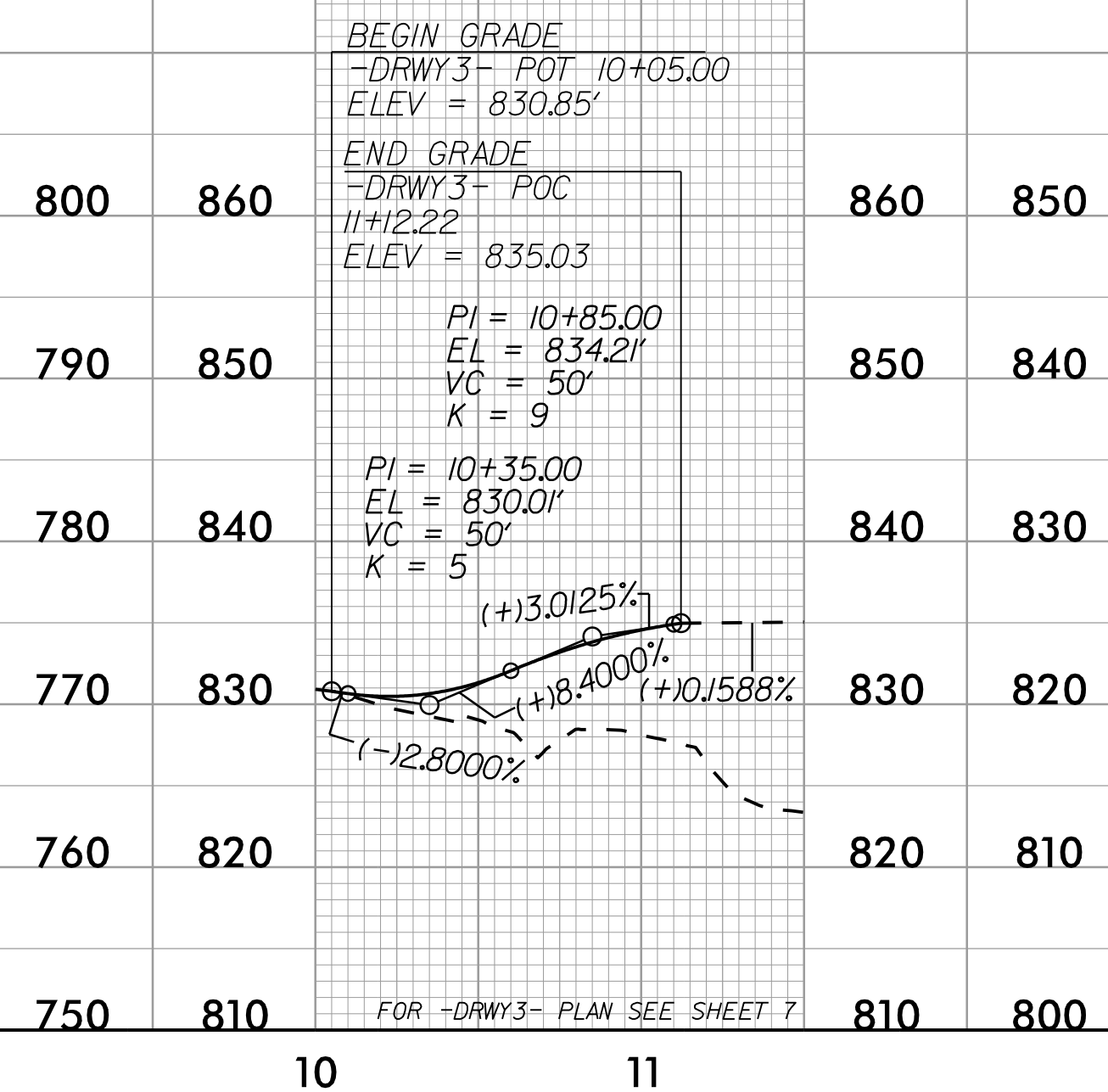
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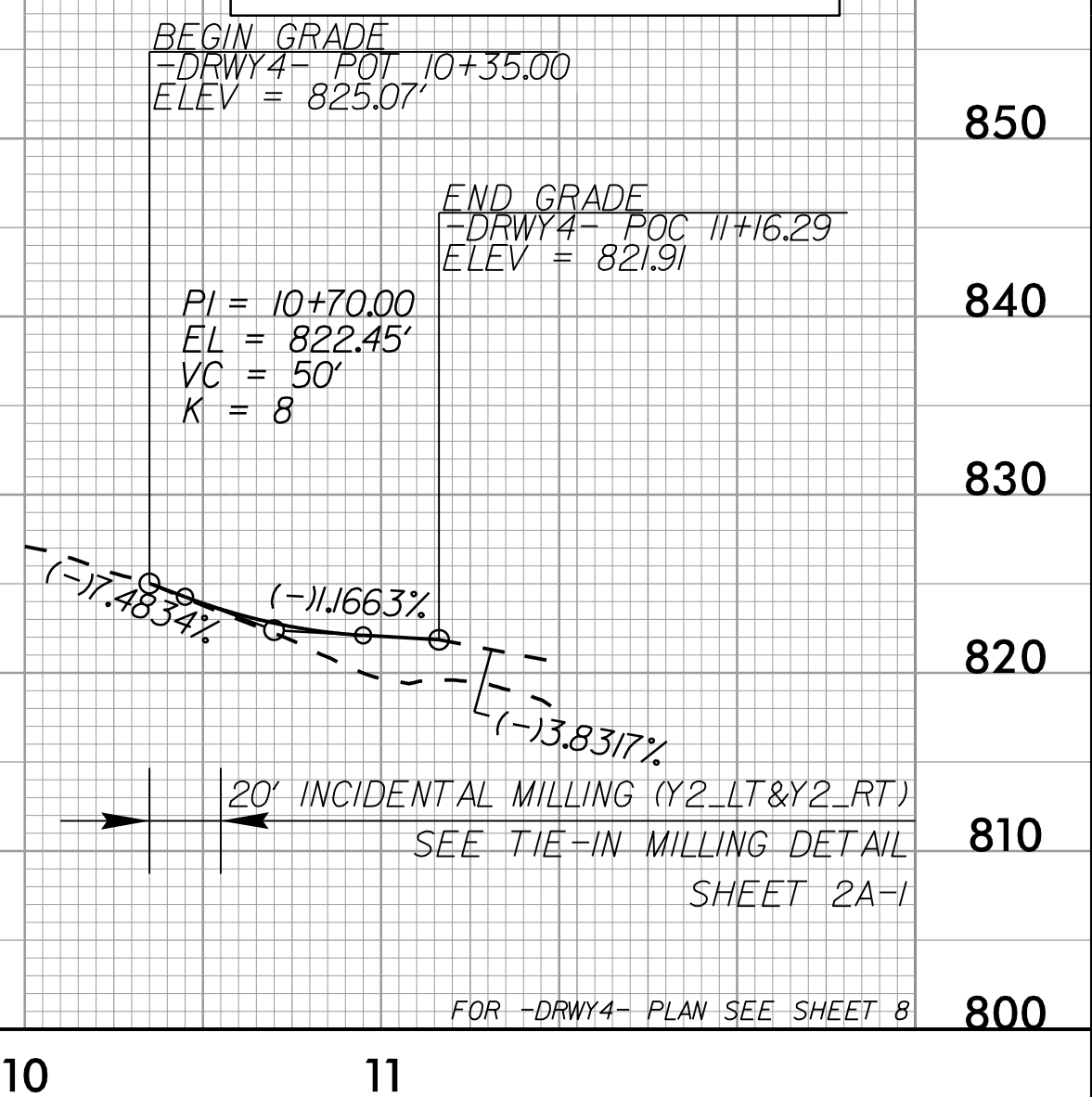
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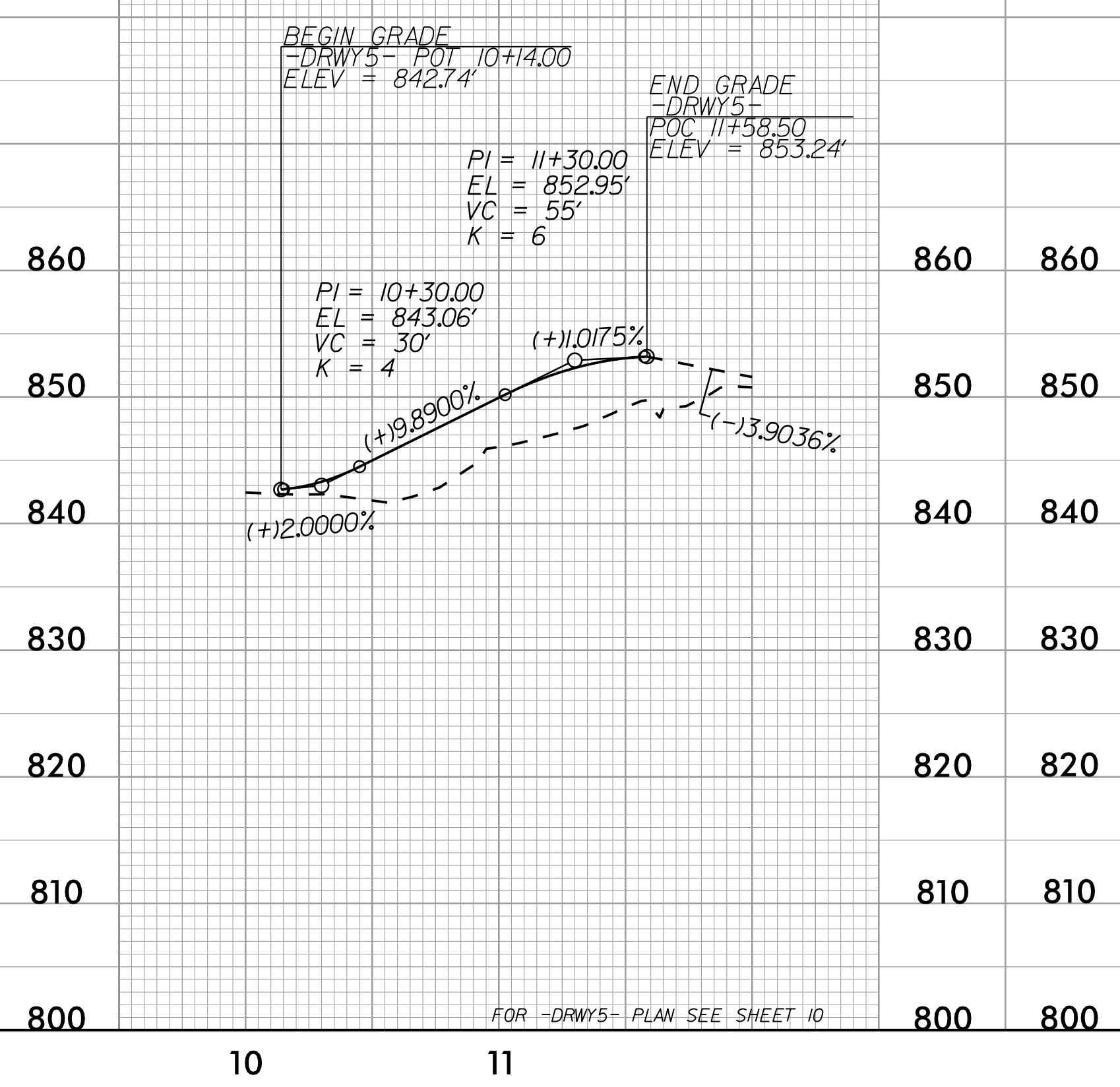
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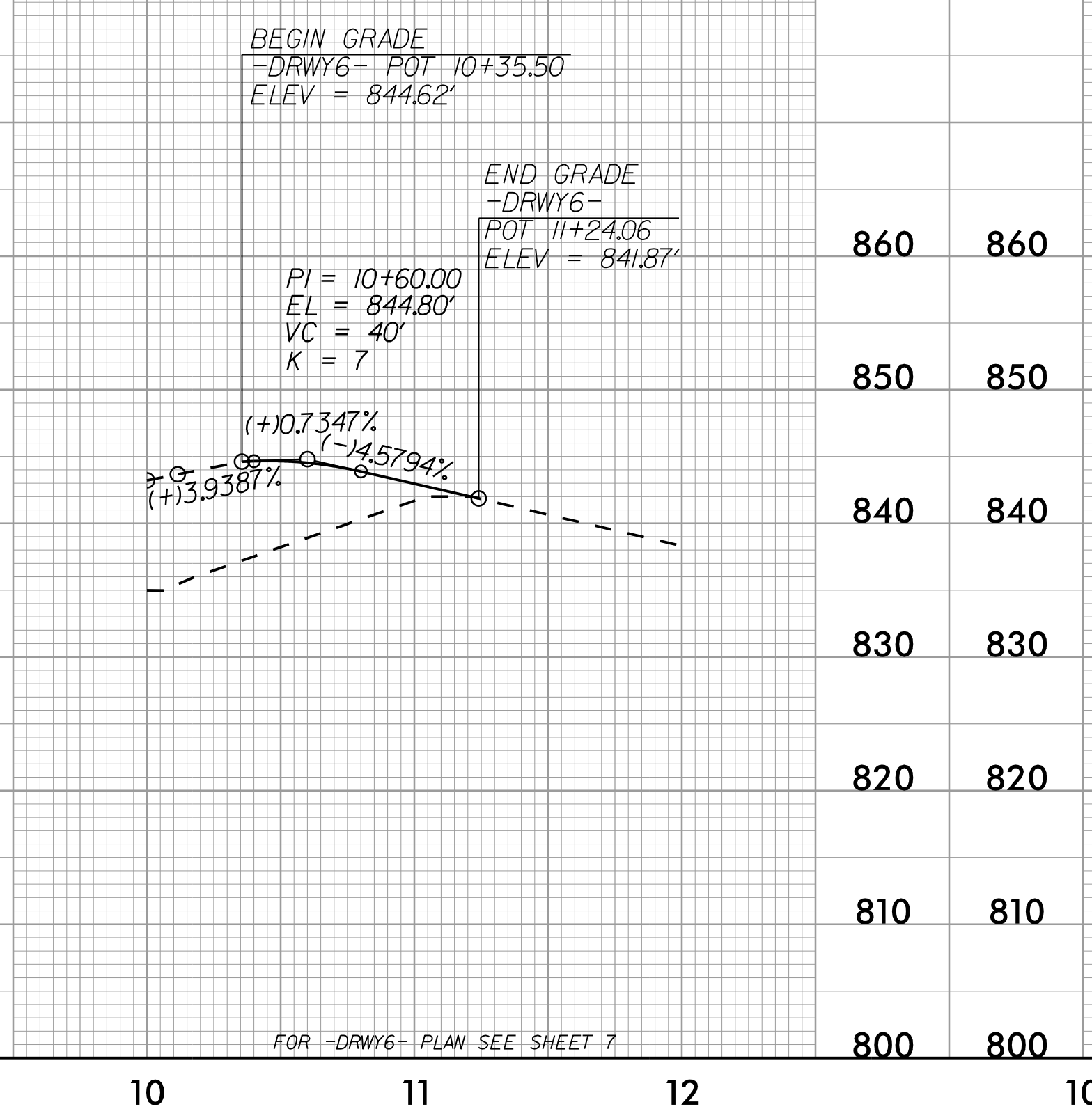
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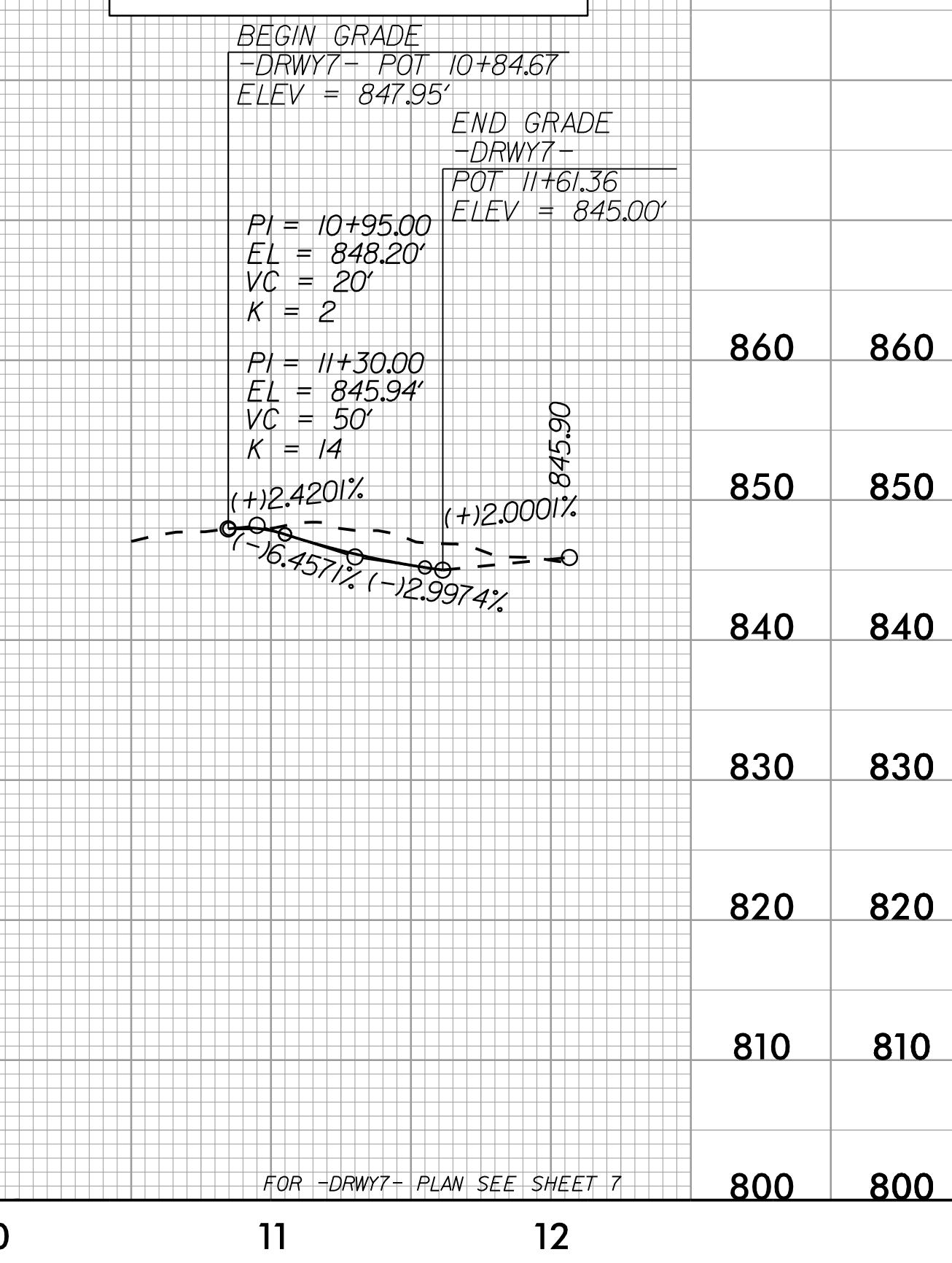
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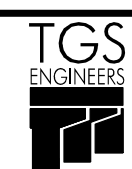
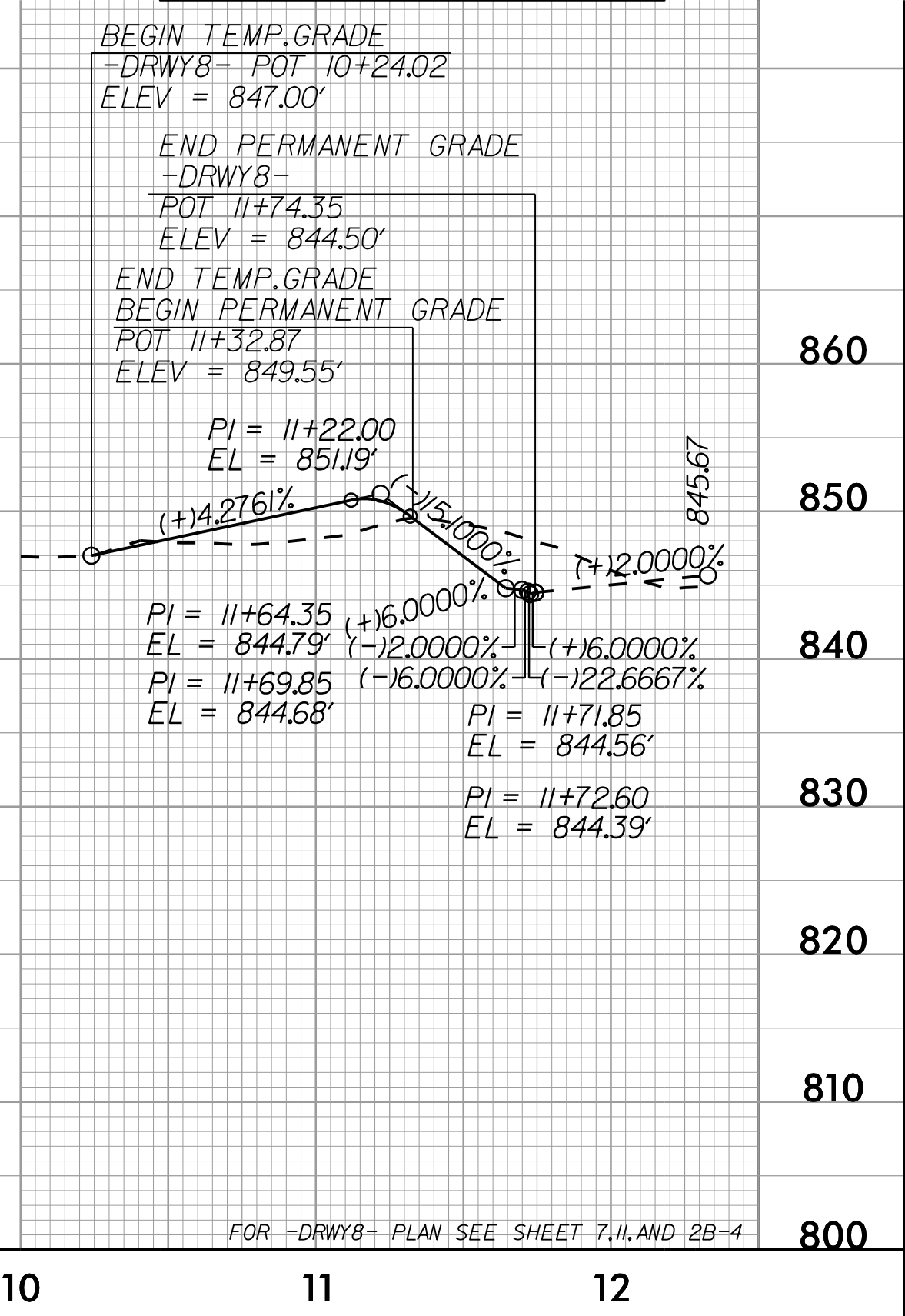
-DRWY6-



-DRWY7-



-DRWY8-



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PROJECT REFERENCE NO. R-3833C	SHEET NO. 19
ROADWAY DESIGN ENGINEER A. Dean Sallis 19828	HYDRAULICS ENGINEER Benjamin J. Henegar 044158
4/27/2023	4/27/2023

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A. Dean Sallis