

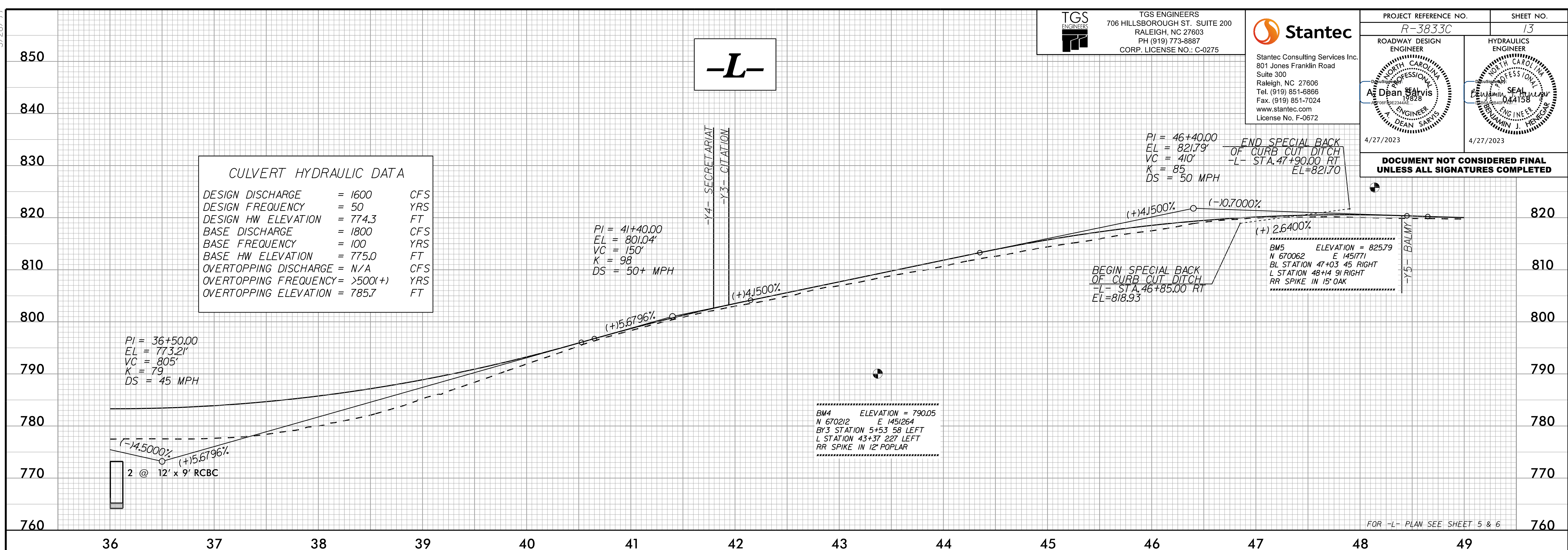
5/28/2023

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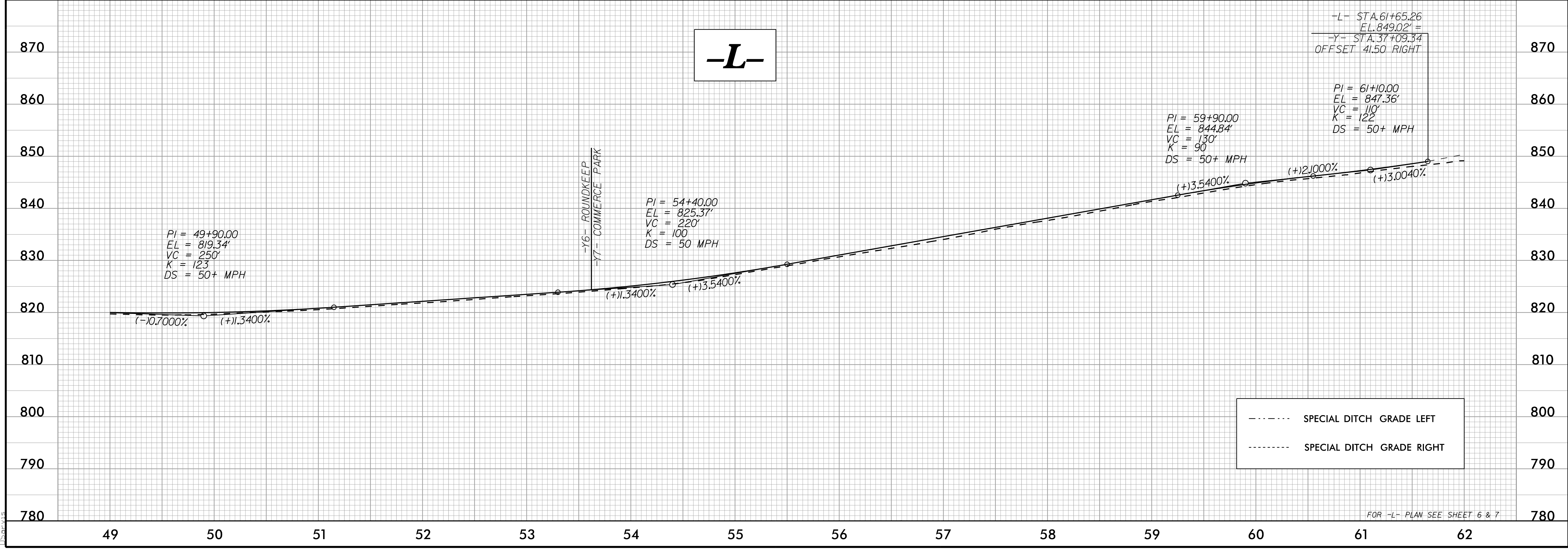
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PROJECT REFERENCE NO. <i>R-3833C</i>	SHEET NO. <i>13</i>
ROADWAY DESIGN ENGINEER <i>A. Dean Sallis</i> 19828	HYDRAULICS ENGINEER <i>Benjamin J. Henegar</i> 044158
4/27/2023	4/27/2023

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3/20/2023  
 I:\Projects\2023\13\3833C\rdy\of1\_layout.dgn  
 A. Dean Sallis



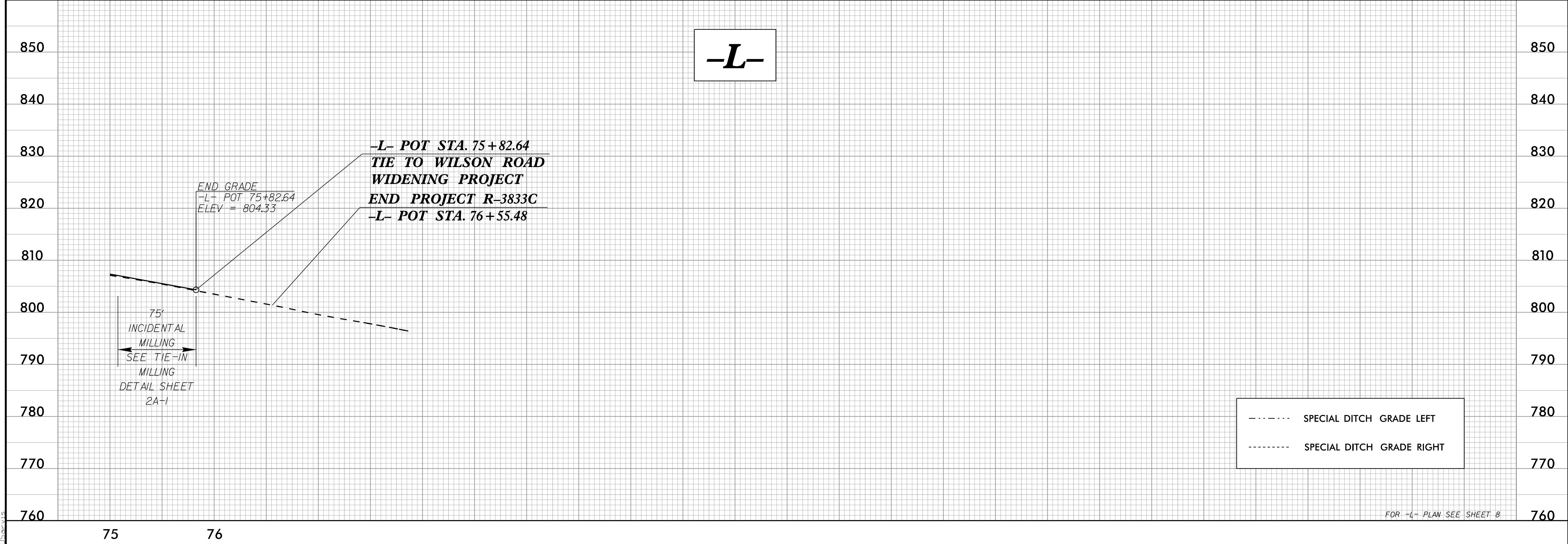
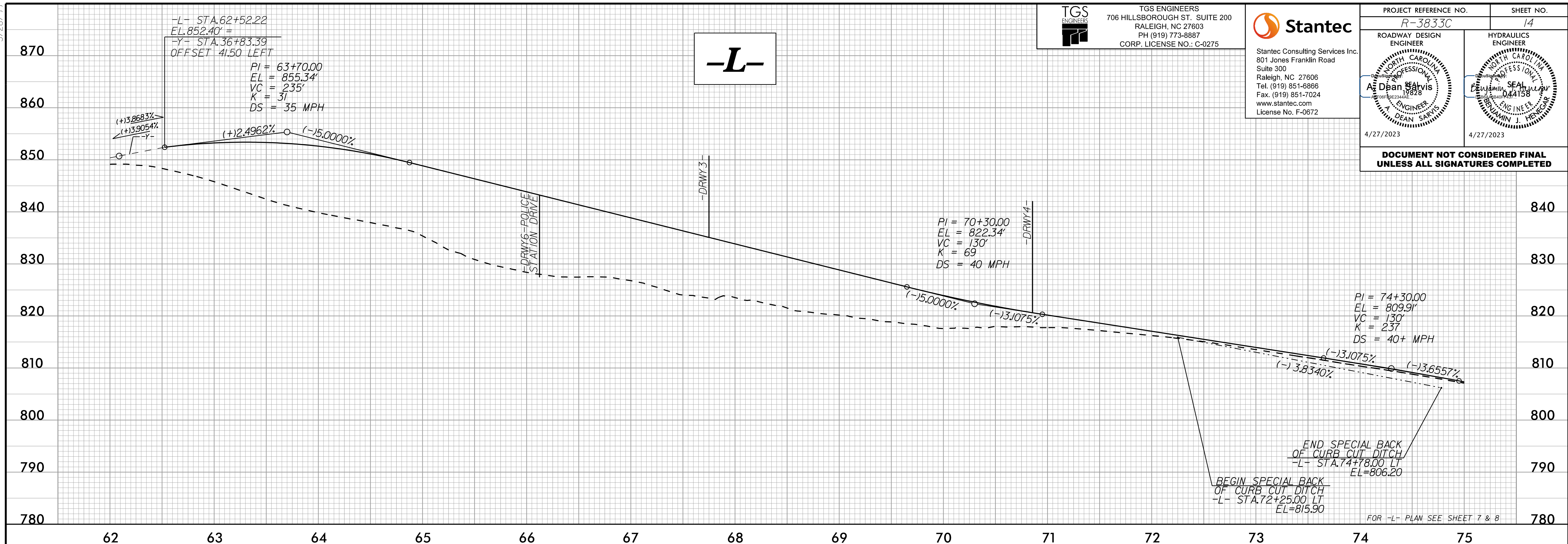
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PROJECT REFERENCE NO. <i>R-3833C</i>	SHEET NO. <i>14</i>
ROADWAY DESIGN ENGINEER <i>Dean Salvis</i> 19828	HYDRAULICS ENGINEER <i>Benjamin J. Henegar</i> 044158
4/27/2023	4/27/2023

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

FOR -L- PLAN SEE SHEET 8

4/27/2023  
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 Dean Salvis

5/28/23

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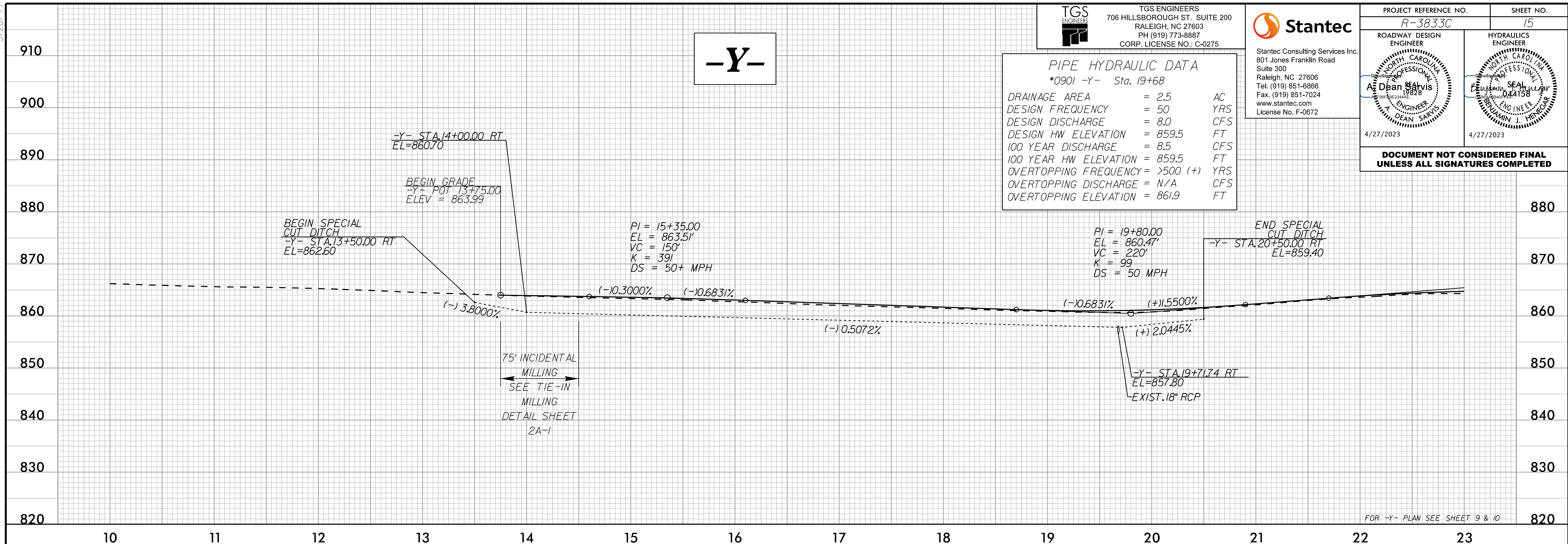
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PROJECT REFERENCE NO. <i>R-3833C</i>	SHEET NO. <i>15</i>
ROADWAY DESIGN ENGINEER <i>A. Dean Sallis</i> 19828 NORTH CAROLINA PROFESSIONAL ENGINEER	HYDRAULICS ENGINEER <i>Benjamin J. Henegar</i> 044158 NORTH CAROLINA PROFESSIONAL ENGINEER
4/27/2023	4/27/2023

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

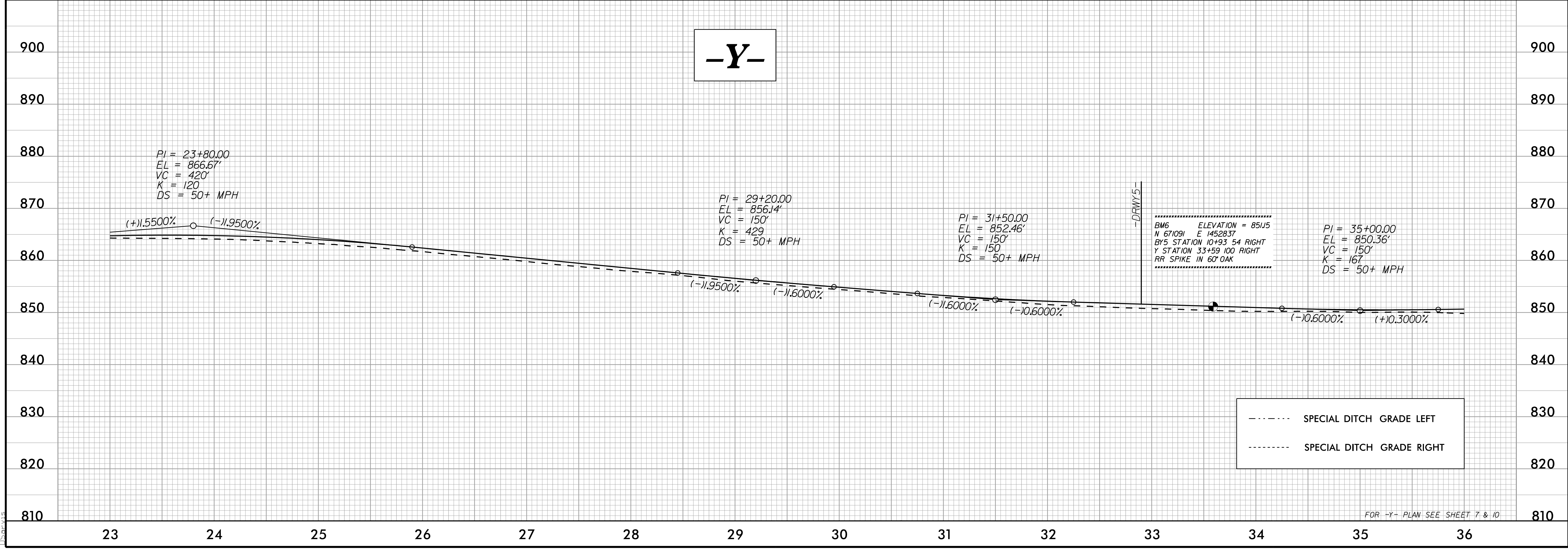
DRAINAGE AREA	= 2.5	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 8.0	CFS
DESIGN HW ELEVATION	= 859.5	FT
100 YEAR DISCHARGE	= 8.5	CFS
100 YEAR HW ELEVATION	= 859.5	FT
OVERTOPPING FREQUENCY	= >500 (+)	YRS
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING ELEVATION	= 861.9	FT

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FOR -Y- PLAN SEE SHEET 9 & 10

7/30/2023  
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 ASallis



FOR -Y- PLAN SEE SHEET 7 & 10

5/28/23

-Y-

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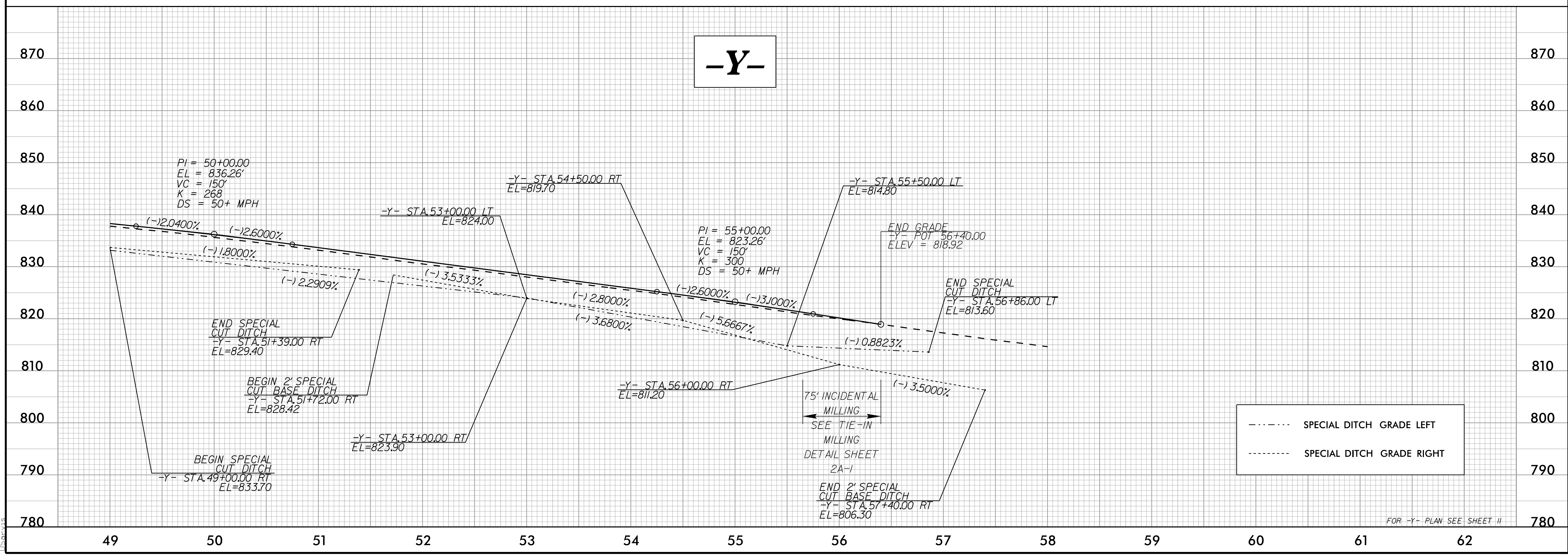
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PROJECT REFERENCE NO. <i>R-3833C</i>	SHEET NO. <i>16</i>
ROADWAY DESIGN ENGINEER <i>A. Dean Salvis</i> 19828	HYDRAULICS ENGINEER <i>Benjamin J. Henegar</i> 044158
4/27/2023	4/27/2023

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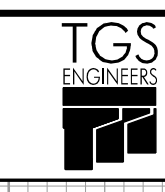


-Y-



7/30/2023  
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A. Dean Salvis

5/28/23



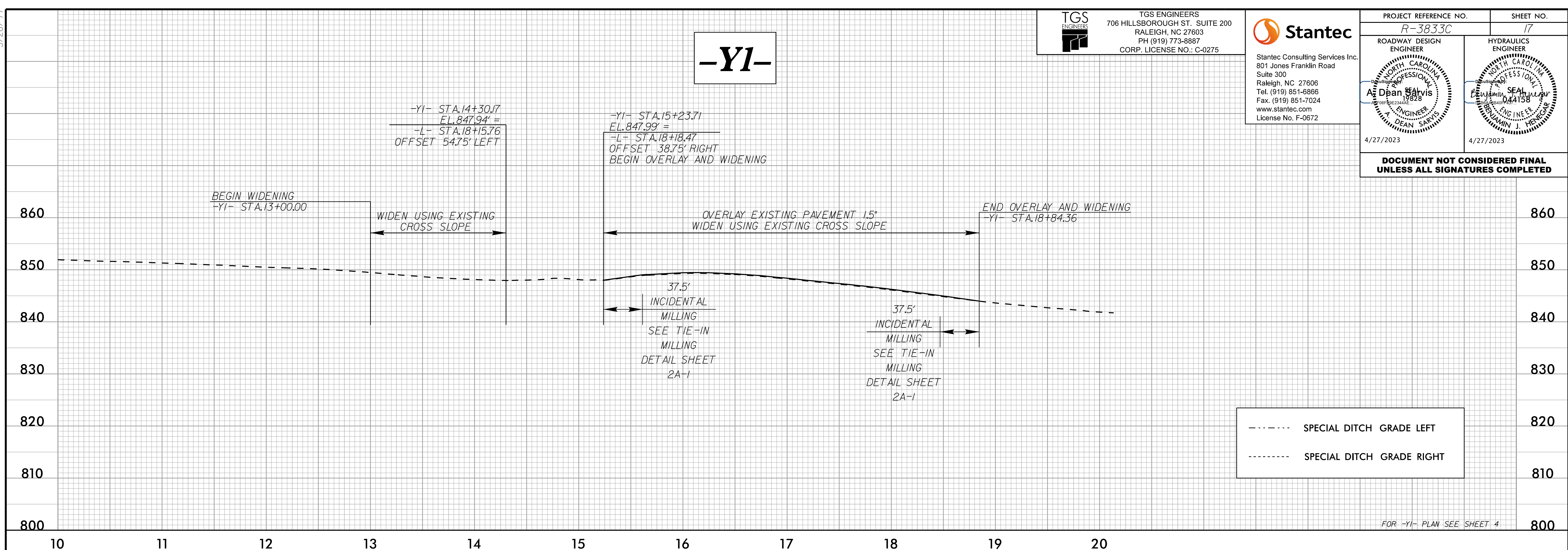
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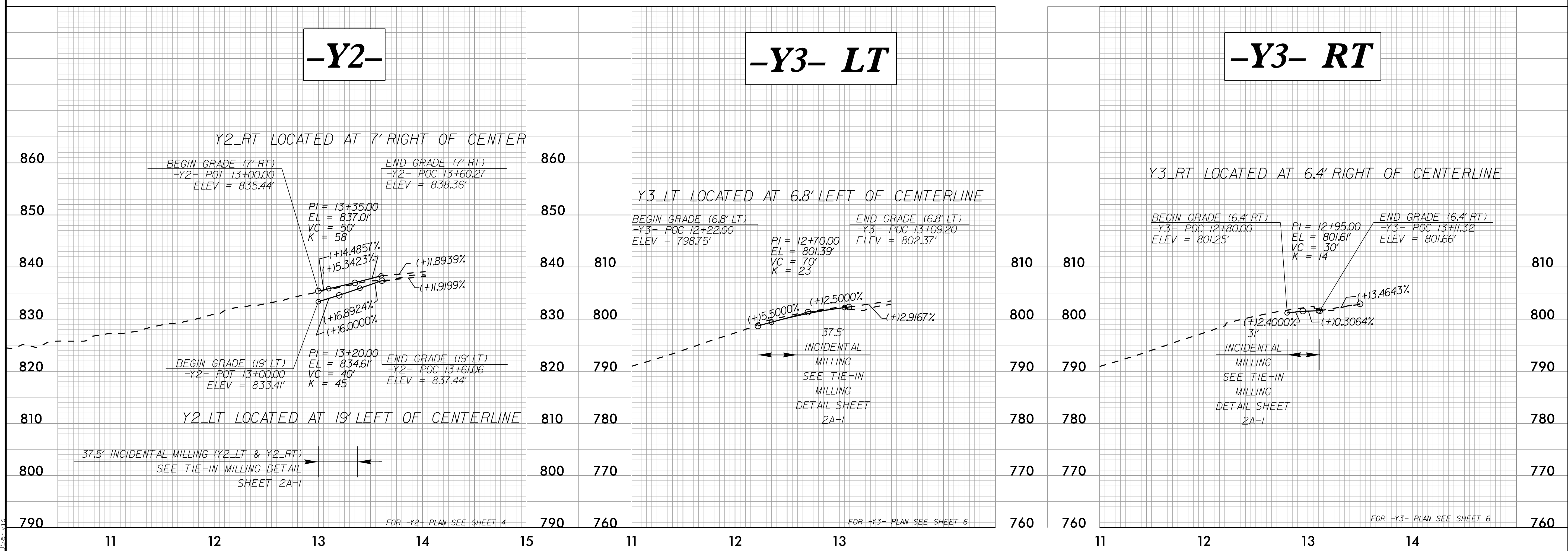
PROJECT REFERENCE NO. <b>R-3833C</b>	SHEET NO. <b>17</b>
ROADWAY DESIGN ENGINEER <b>A. Dean Salyis</b> 19828	HYDRAULICS ENGINEER <b>Benjamin J. Henegar</b> 044158
4/27/2023	4/27/2023

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

FOR -Y1- PLAN SEE SHEET 4



FOR -Y2- PLAN SEE SHEET 4

FOR -Y3- PLAN SEE SHEET 6

FOR -Y3- PLAN SEE SHEET 6

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AS

5/28/23

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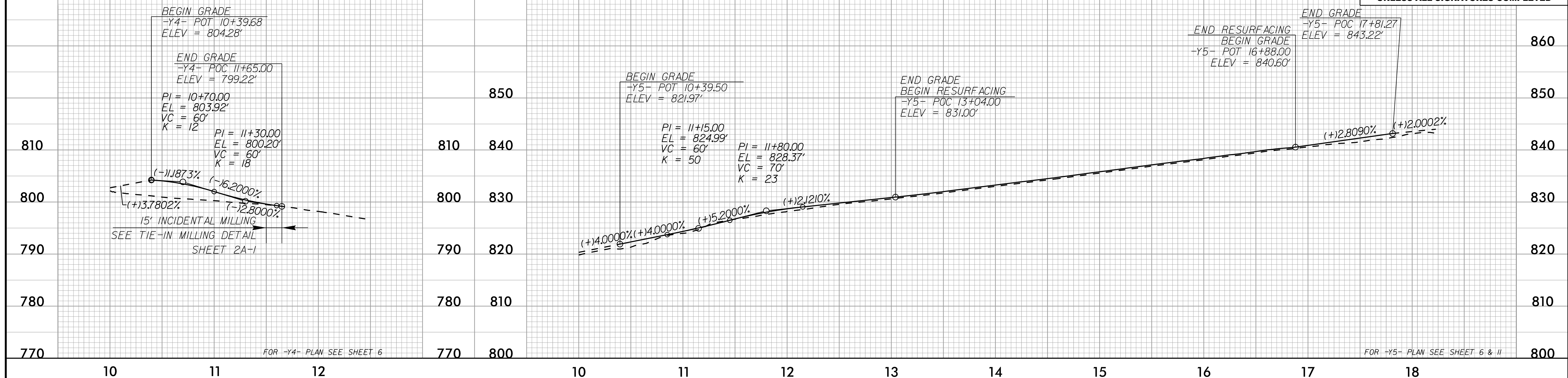
# -Y5-

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

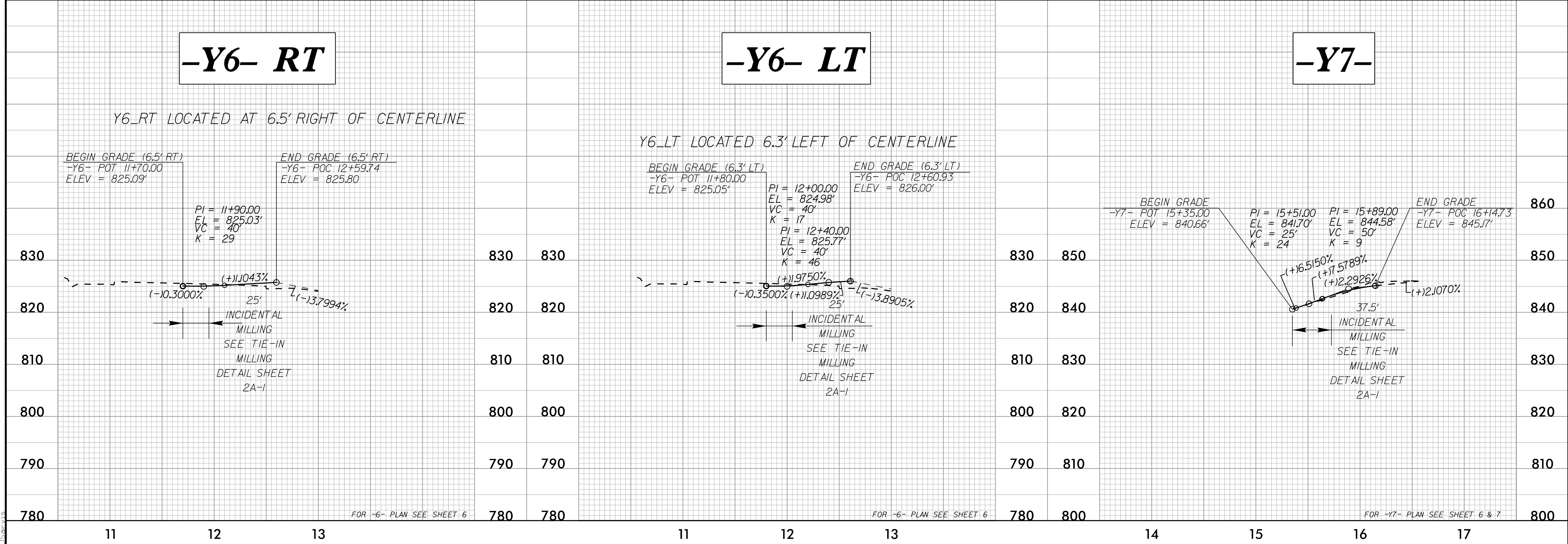
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# -Y6- RT

# -Y6- LT

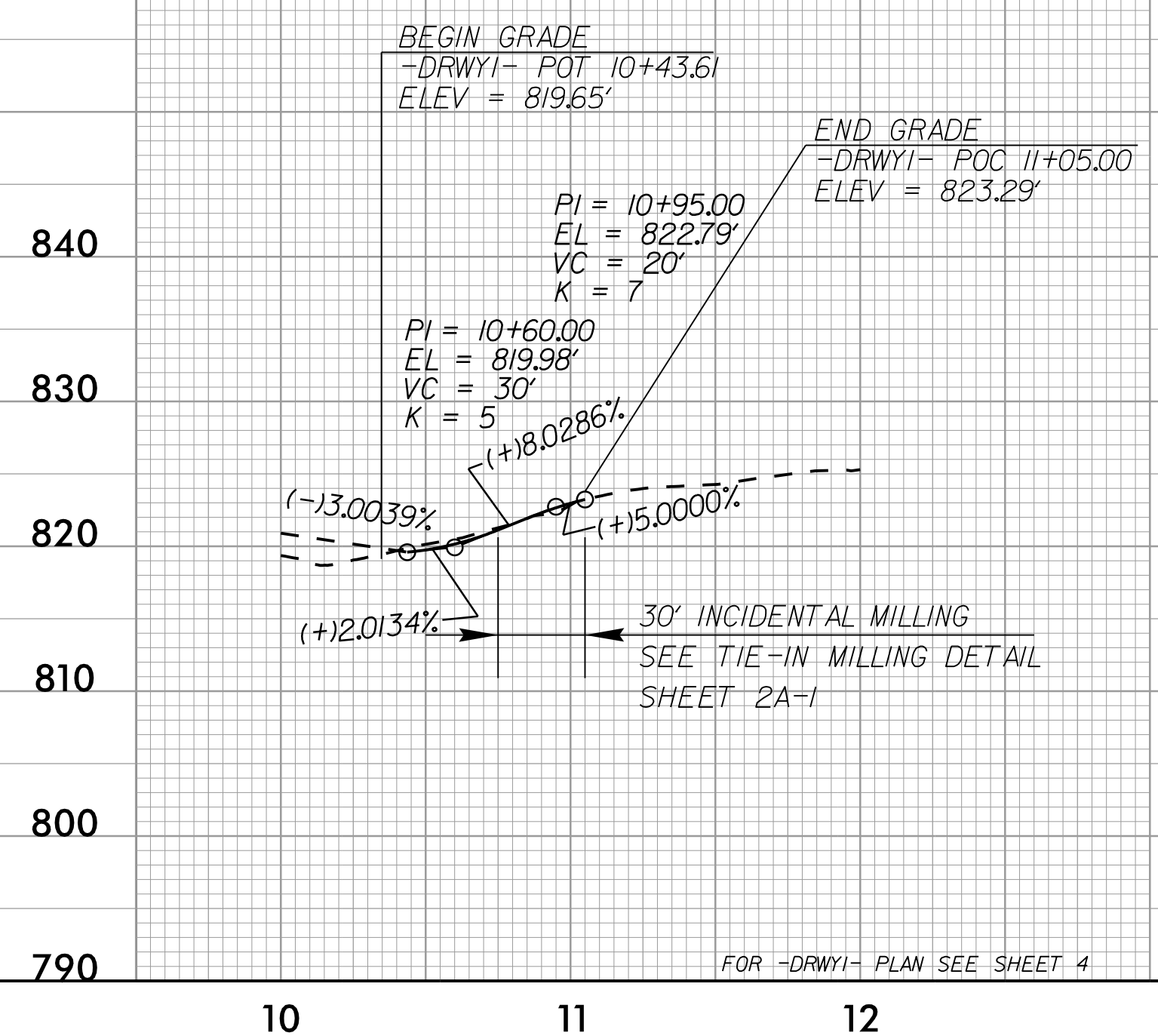
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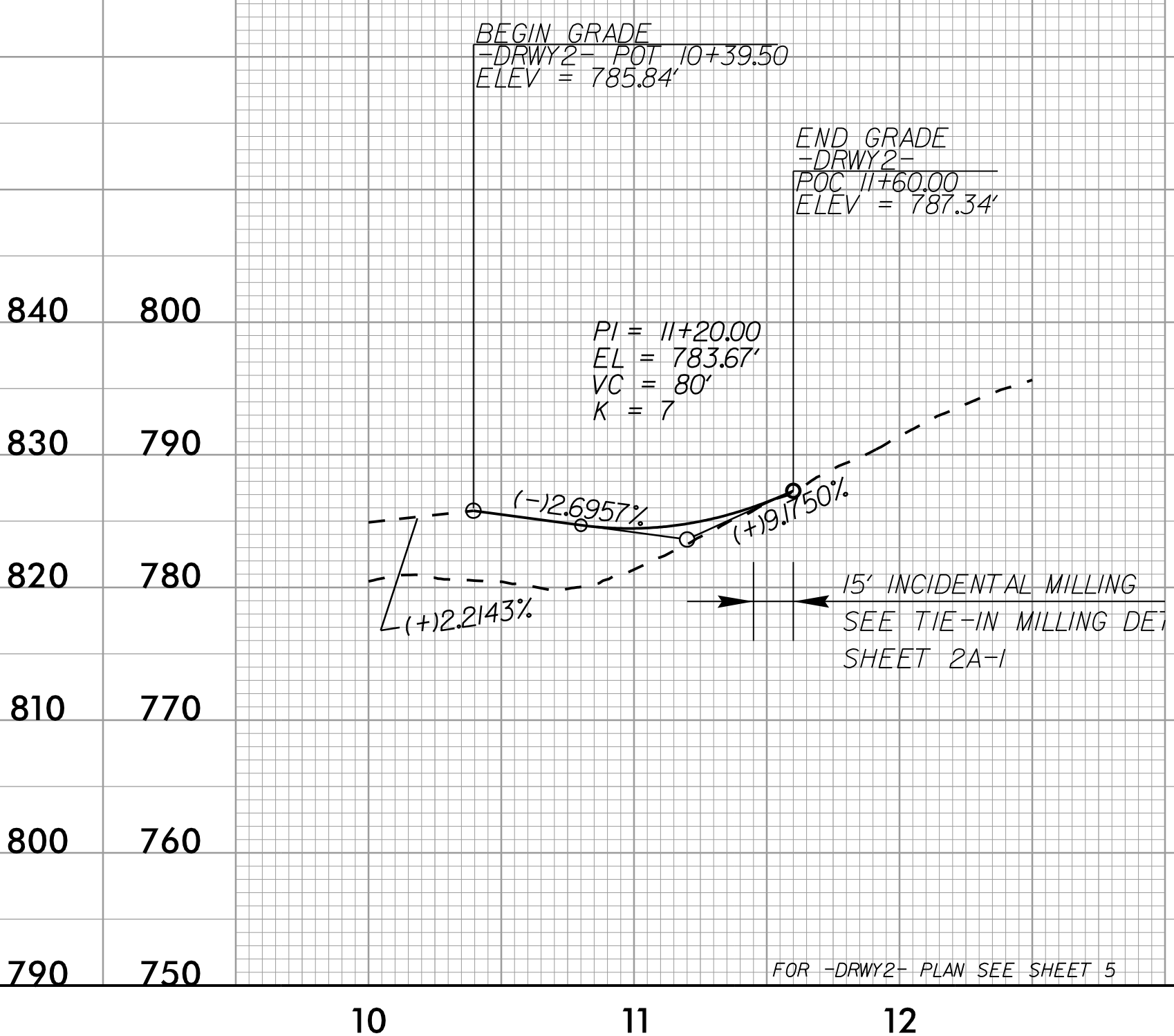
7/19/2023  
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5/28/2023

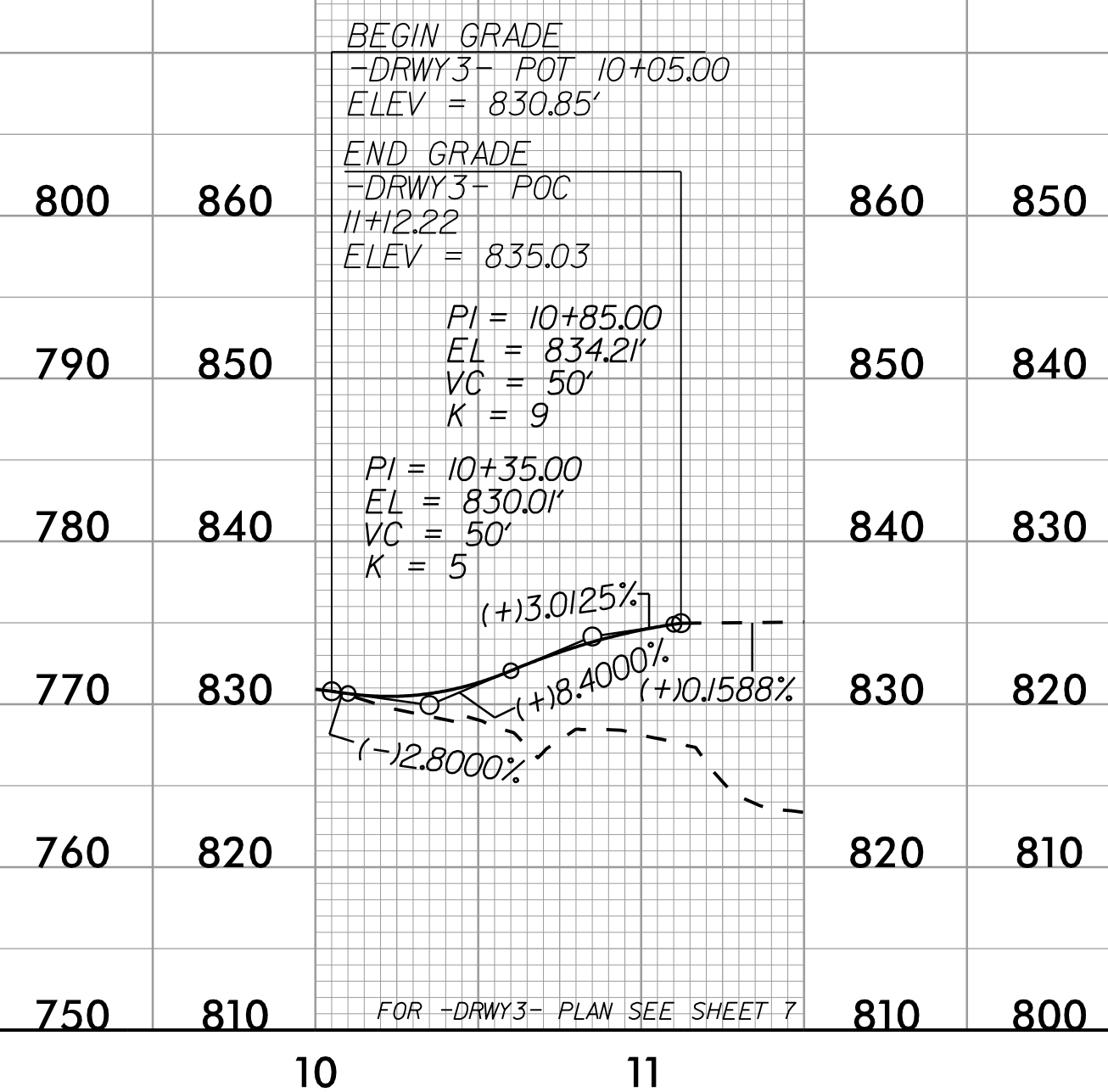
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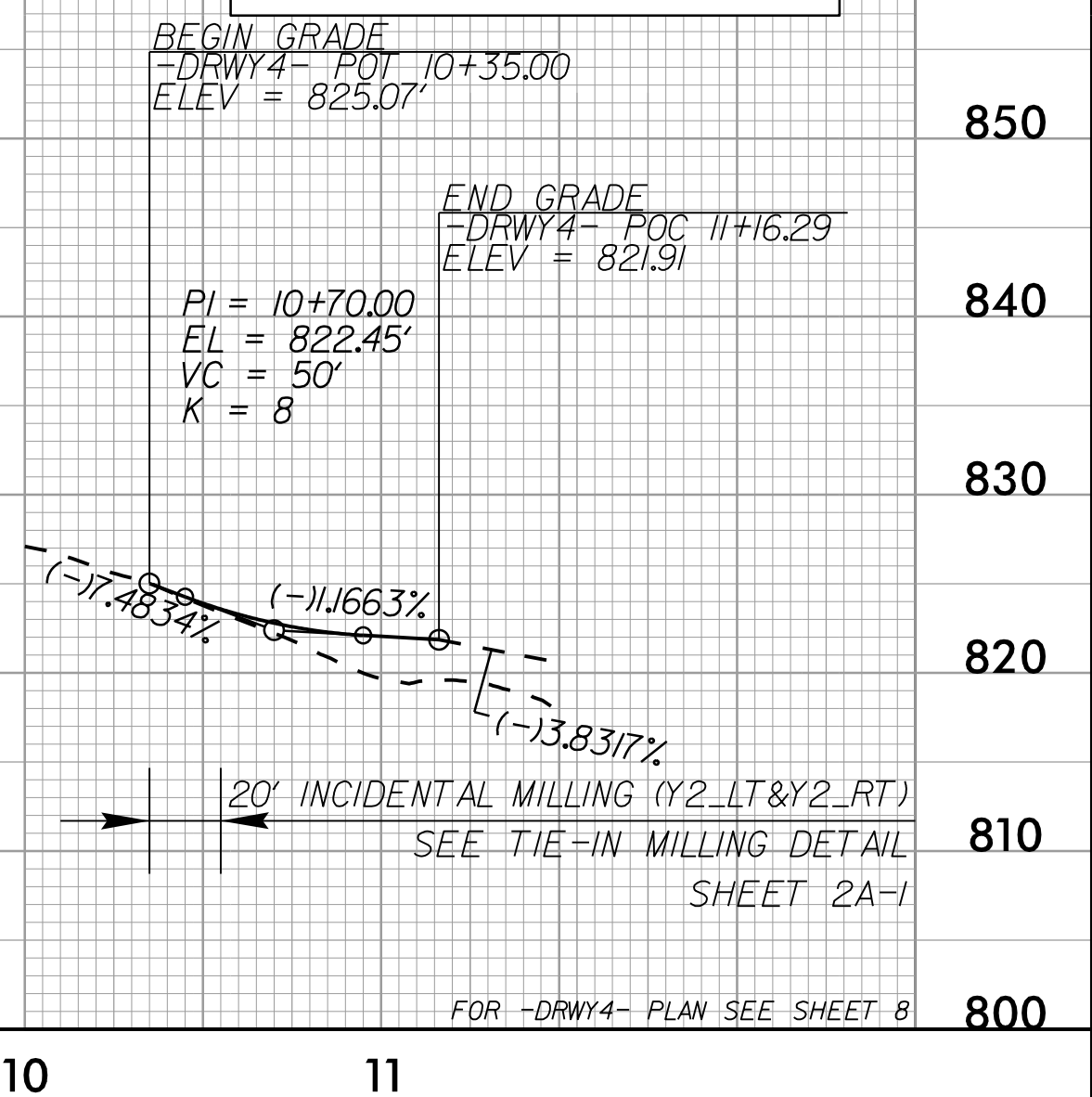
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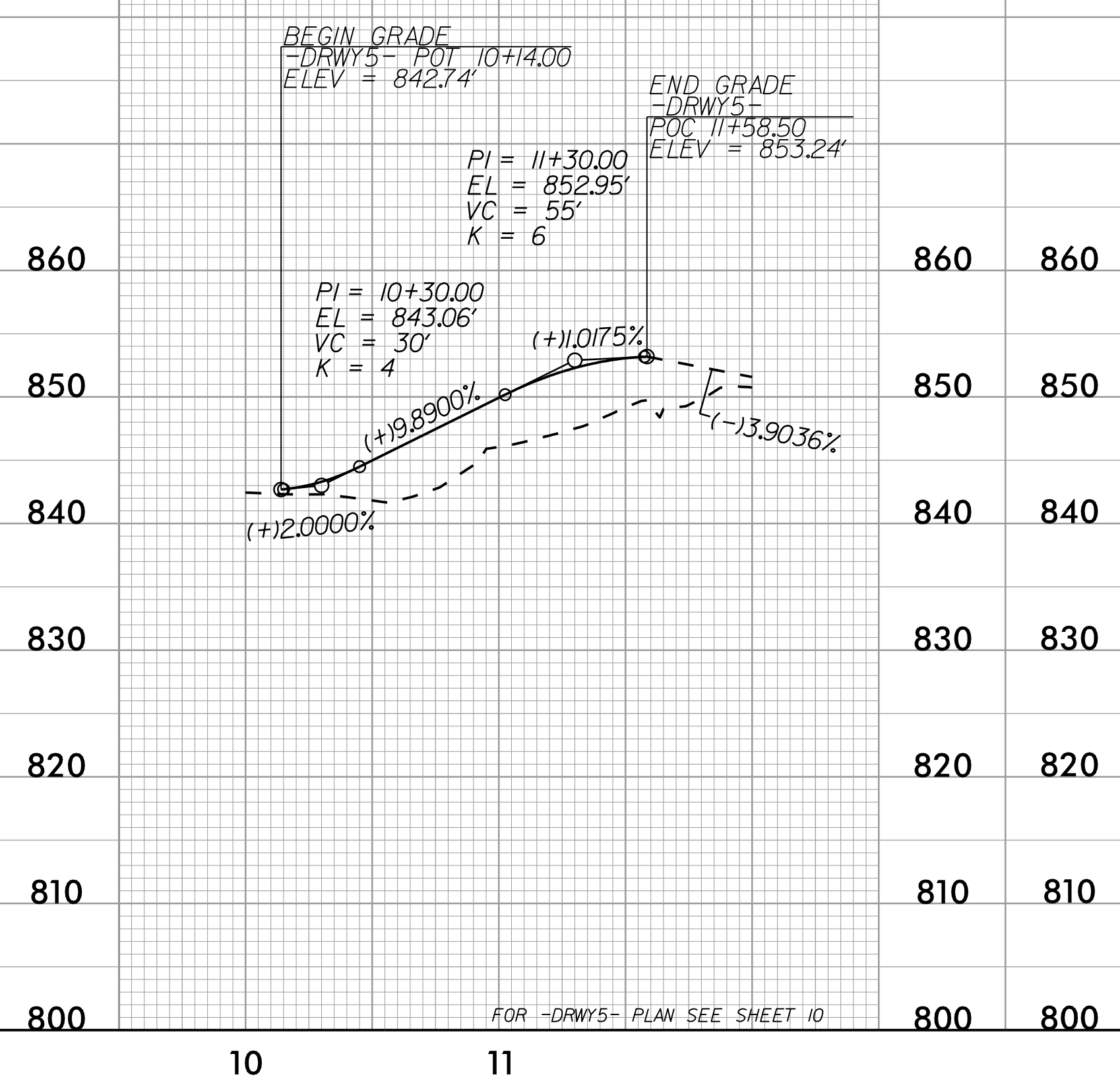
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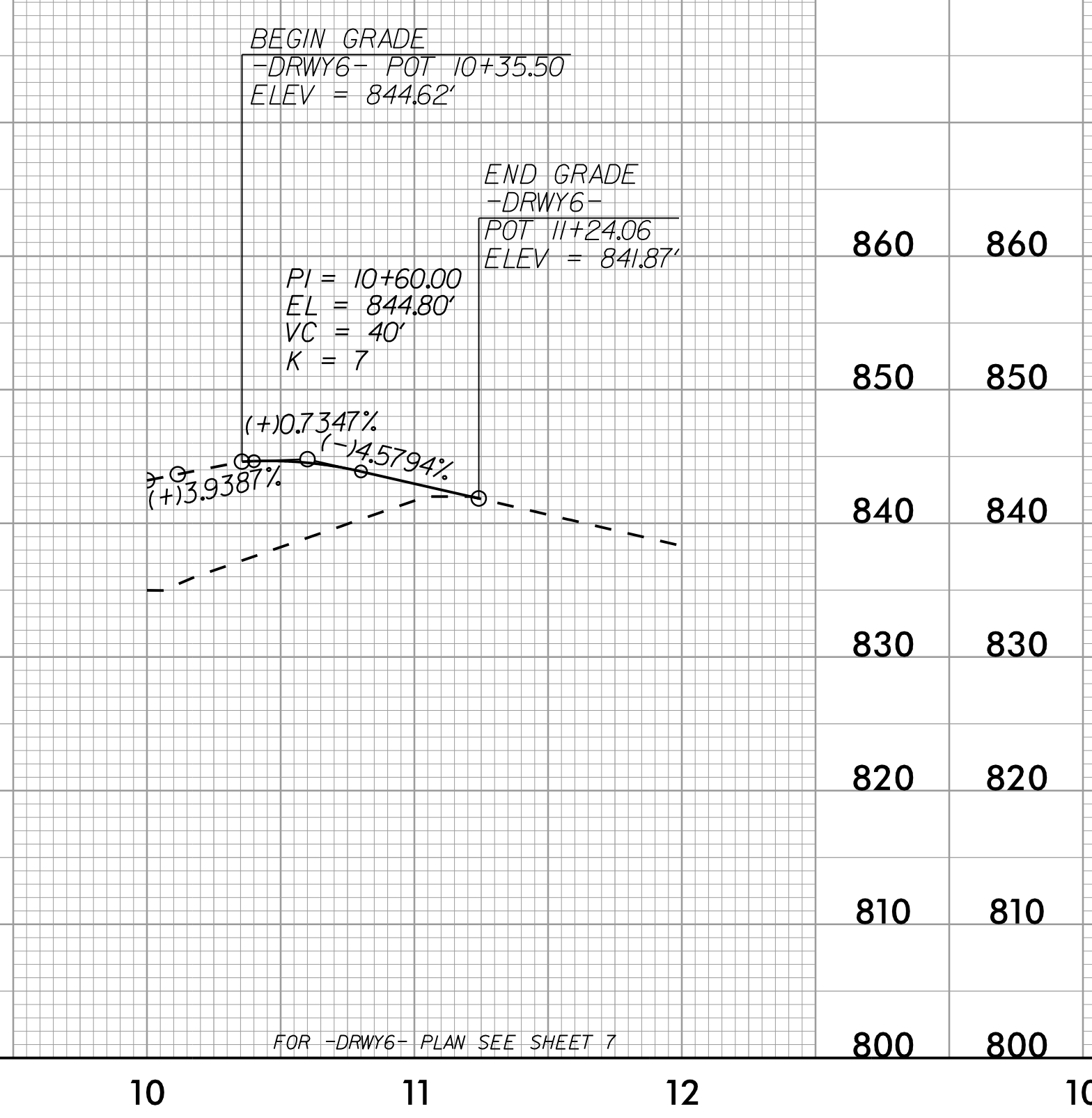
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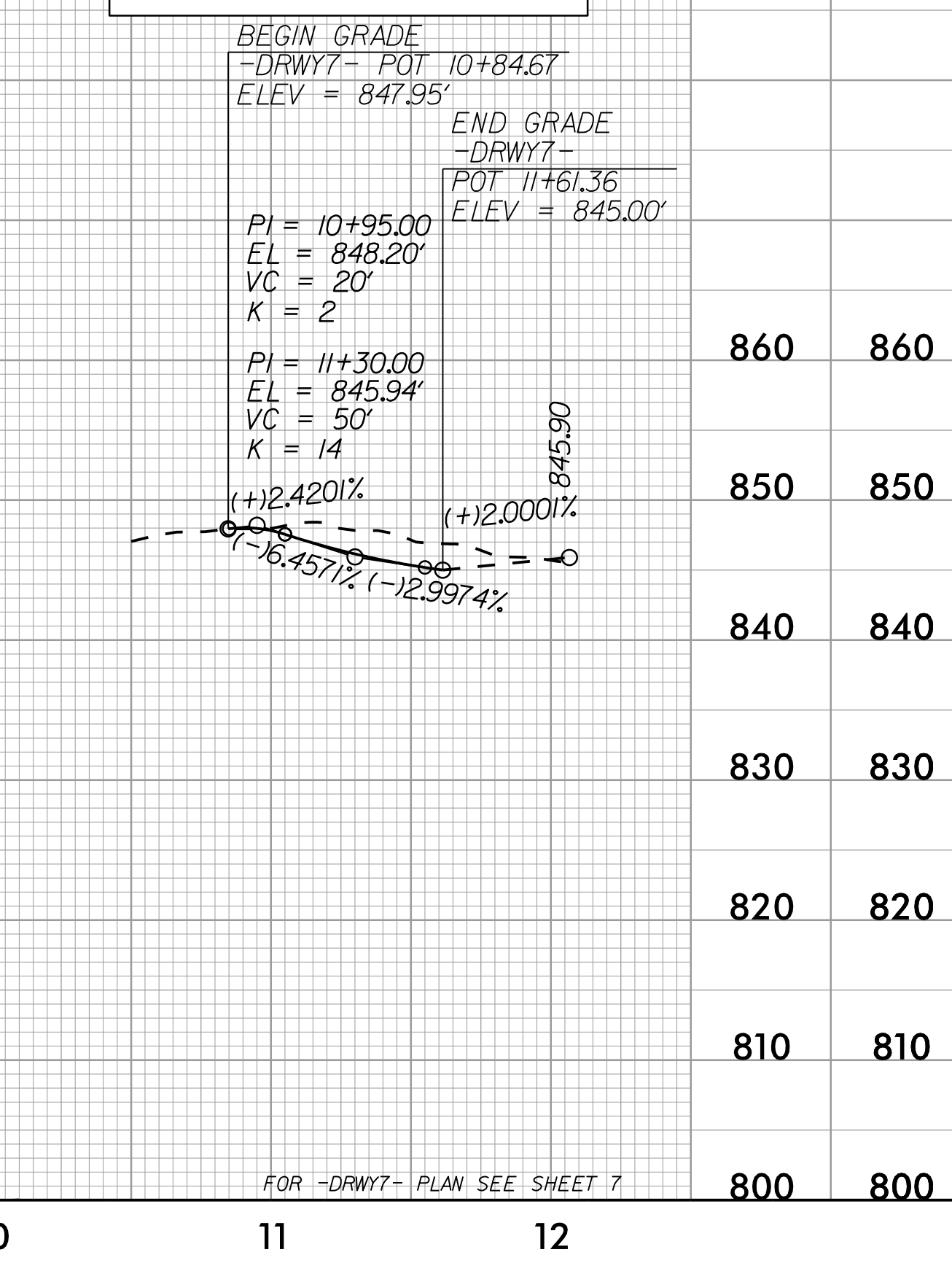
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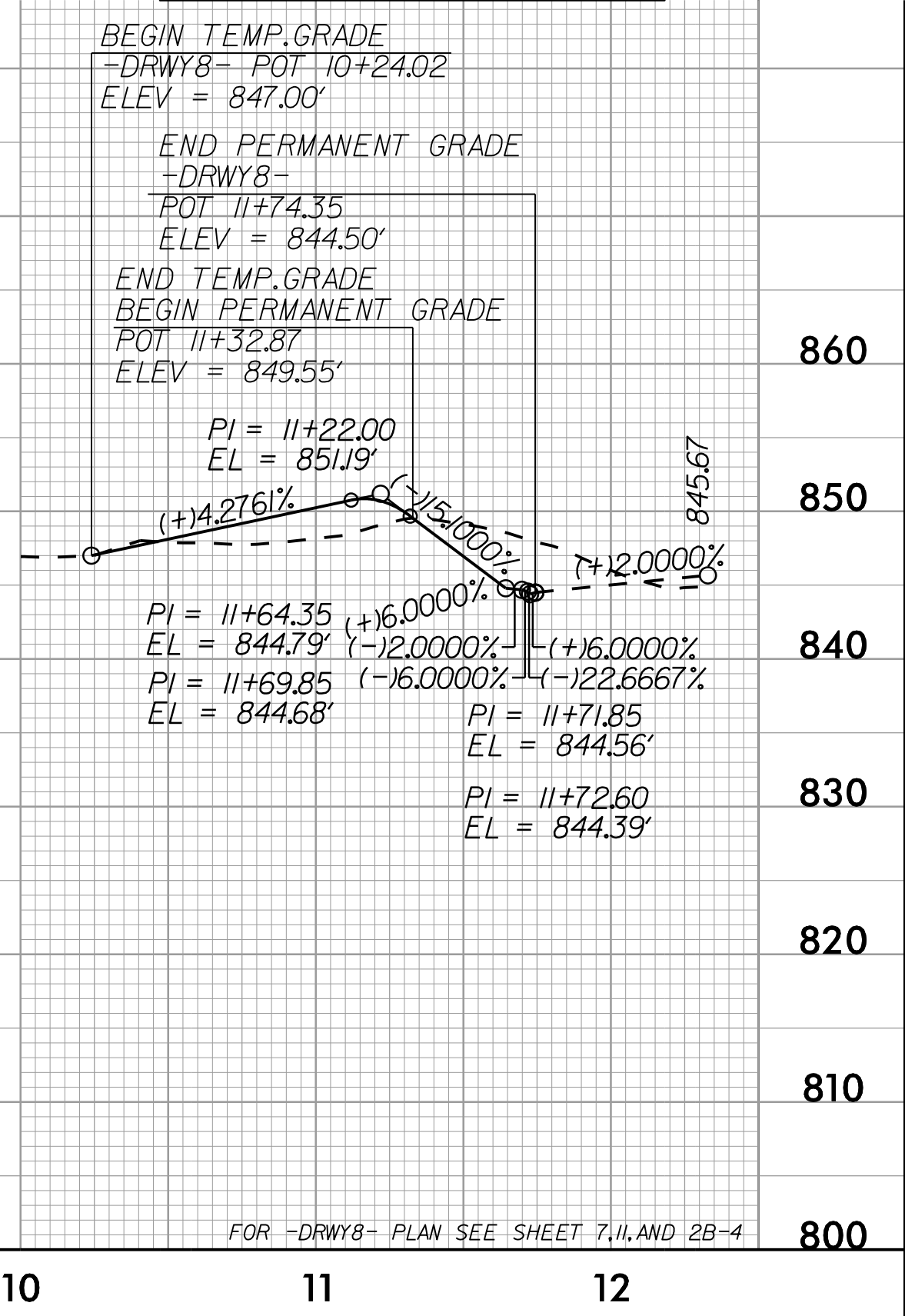
# -DRWY6-



# -DRWY7-



# -DRWY8-



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

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