

Additional Comments:

The 27,006 CY from above and proposed for elimination made up a substantial portion of the high production excavation on the job. Since this VECP changes production for the remaining qty, FWI proposes to completely under-run the current Class A item and add two new ones. One would be at a higher price (131,554 CY at \$7.23/CY) to offset the loss of high production excavation. The other item would cover the cost of establishing the new SOR grades (2,741 CY at \$3.50/CY). A breakdown of the savings is attached.

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments:

The proposed PDVECP will provide an acceptable product by changing slopes from 6:1 to 3:1. Approve of changing unit price of Class A because production rates of Class A will change

James Wright
Submitted By Resident Engineer

12/5/11
Date

Comments:

This PDVECP concept is approved. The change order will need additional information and justification regarding the revised unit prices for the Class A material. We will also need verification from the designer that the drainage changes are acceptable.

Approval
Recommended

_____ District Engineer

_____ Date

Rejection
Recommended

Comments:

Approval
Recommended

_____ Federal Highway Administration
Required for FHWA Full Oversight Projects

_____ Date

Rejection
Recommended

Comments:

Approval

_____ State Construction and Materials Engineer

_____ Date

Rejection

Project Number	Line Item Number	Description	Units	Units Previously Provided For	Units To Be Constructed	Units Overrun, Underrun	Unit Price	Amount Of Overrun, Underrun
J6U1028B	60	CLASS A EXCAVATION	CY	161301.00	0.00	-161,301.00	\$6.60	(\$1,064,586.60)
	1700	MISC. SODDING	SY	2650.00	2,750.00	100.00	\$3.35	\$335.00
	2015	INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A	LF	13,021.00	13,446.00	425.00	\$8.00	\$3,400.00
	NEW	CLASS A EXCAVATION	CY	0.00	131,554.00	131,554.00	\$7.23	\$951,135.42
	NEW	SHAPING SLOPES TO EST. NEW GRADES	CY	0.00	2,741.00	2,741.00	\$3.50	\$9,593.50

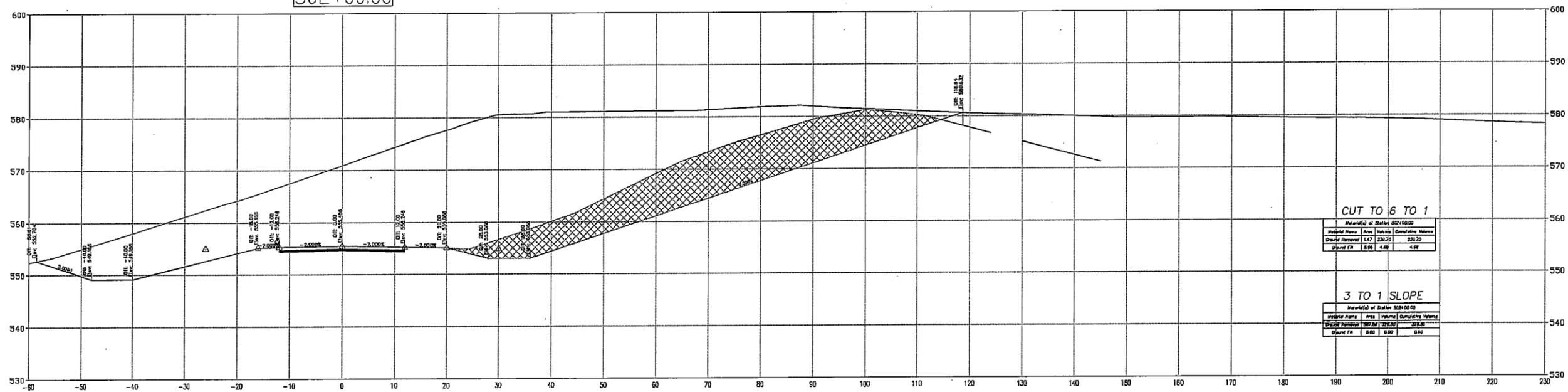
Total Savings (\$100,122.68)

MoDOT Portion (75%) (\$75,092.01)

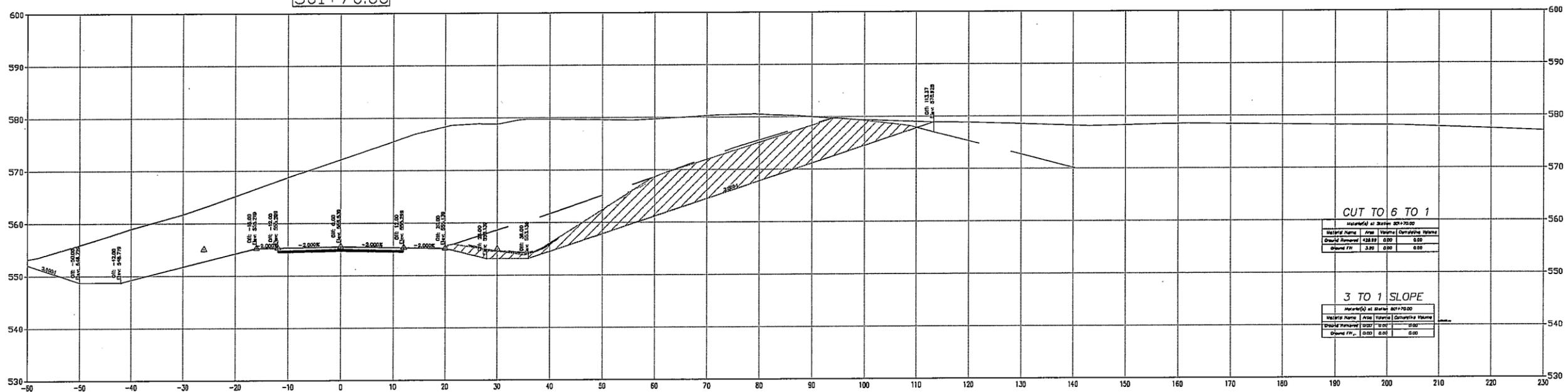
FWI Portion (25%) (\$25,030.67)

ORIGINAL PLANS

502+00.00



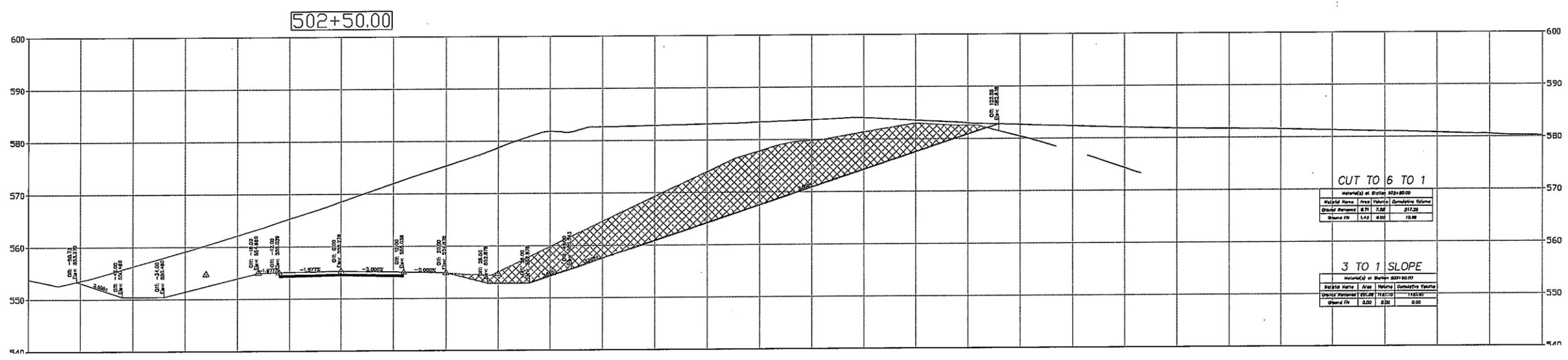
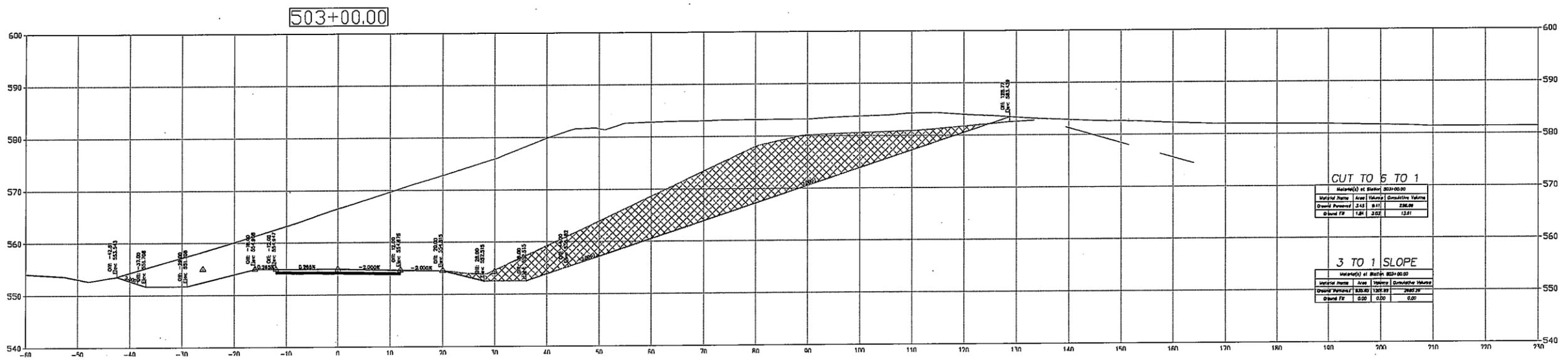
501+70.00



CROSS SECTIONS

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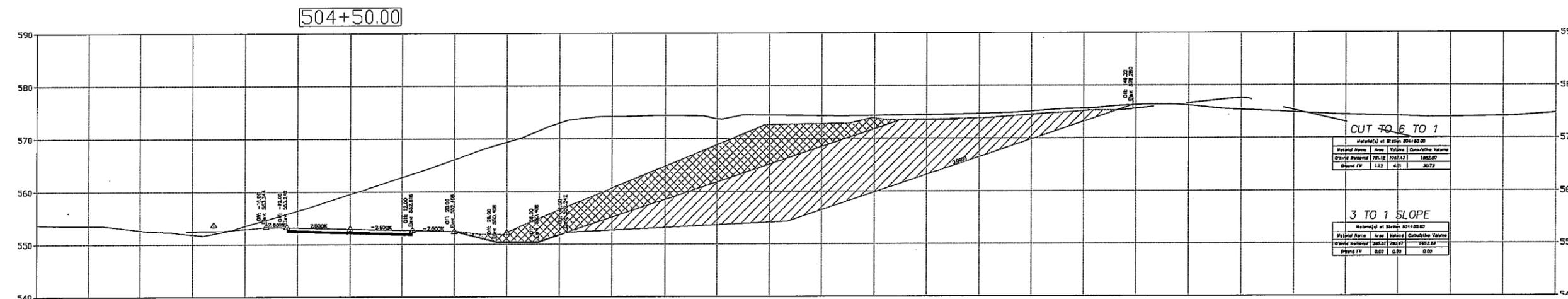
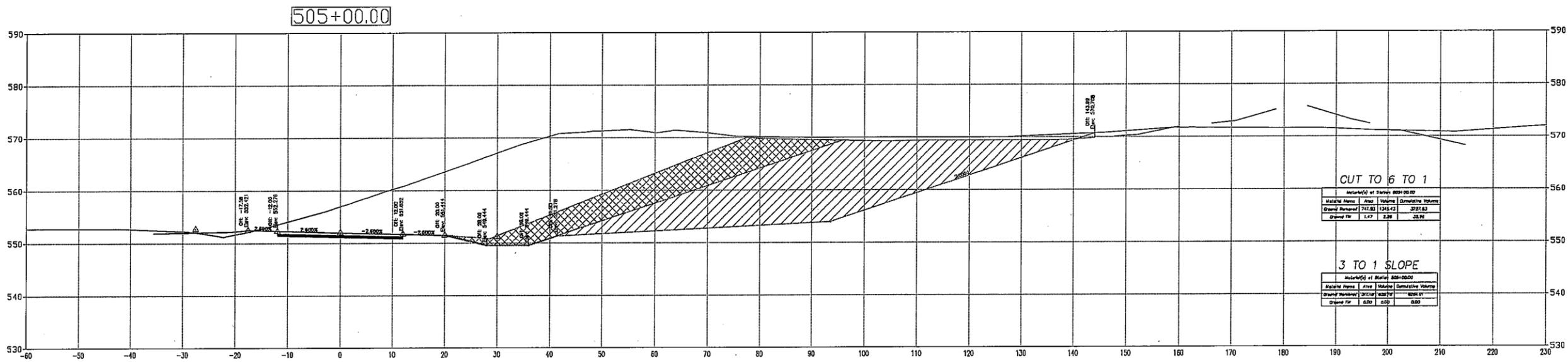




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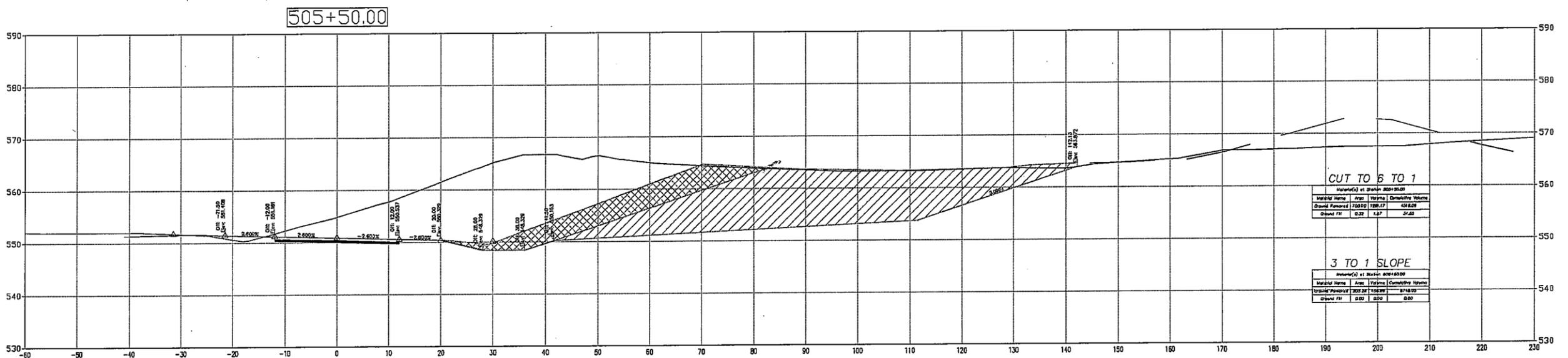
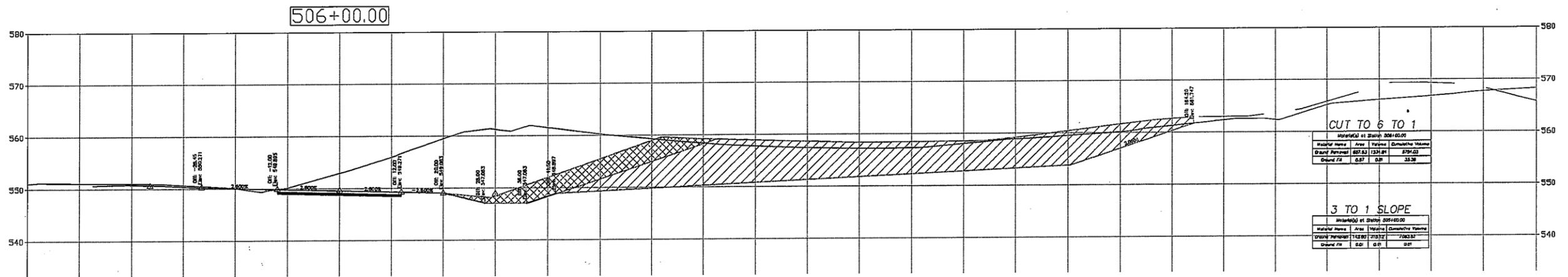




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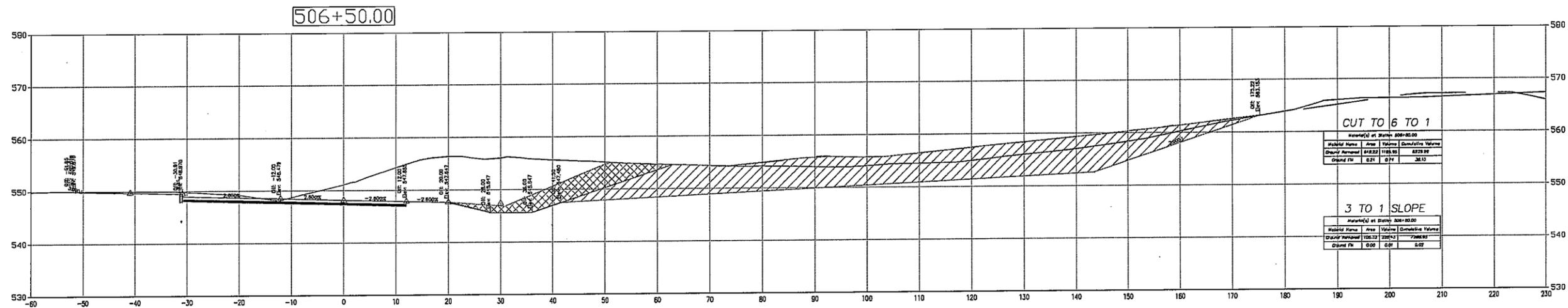
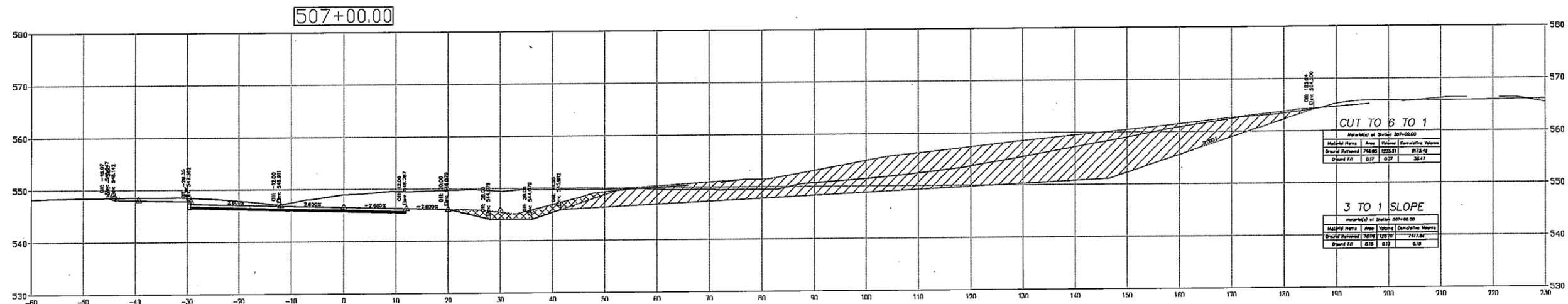
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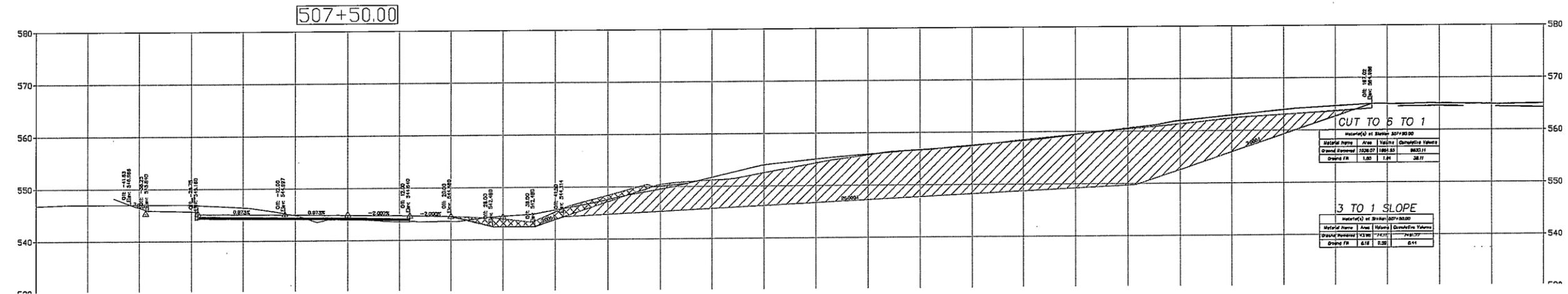
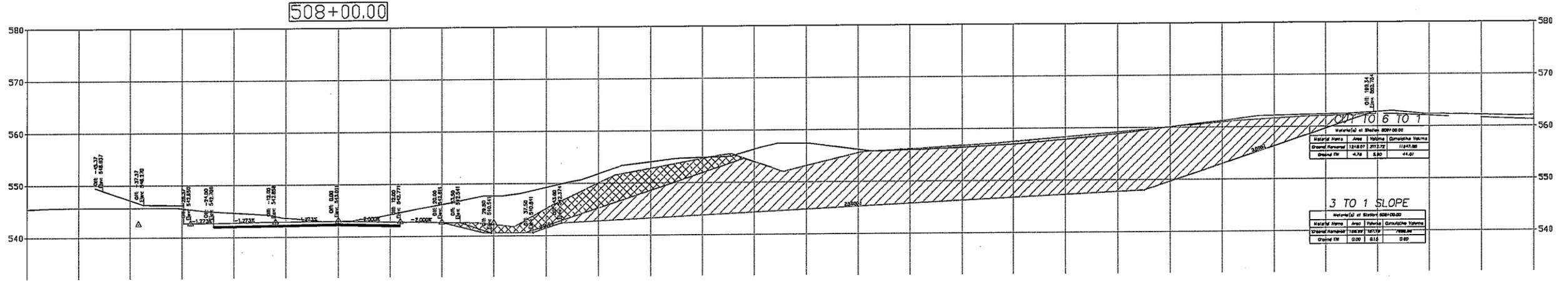
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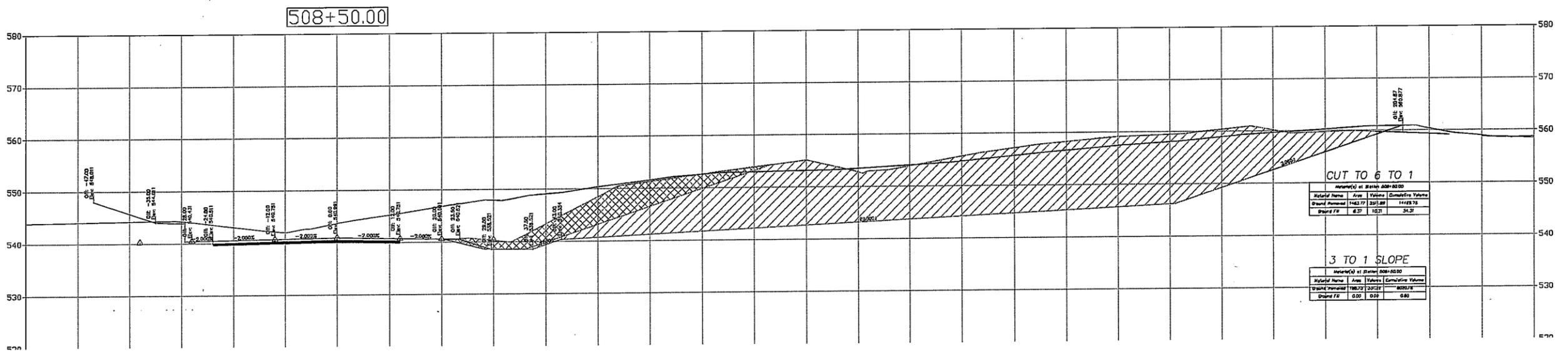
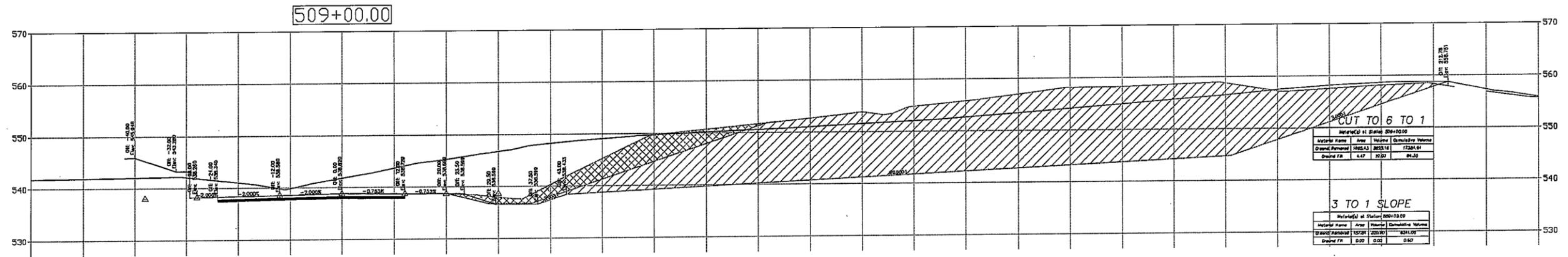
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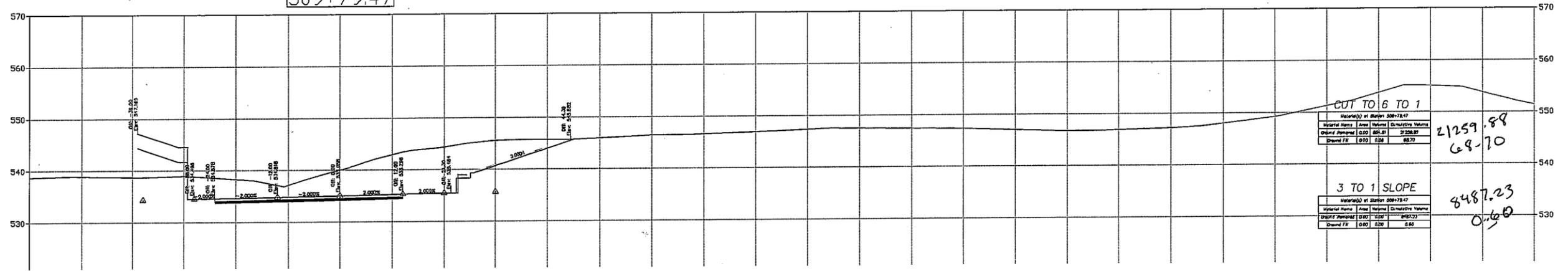
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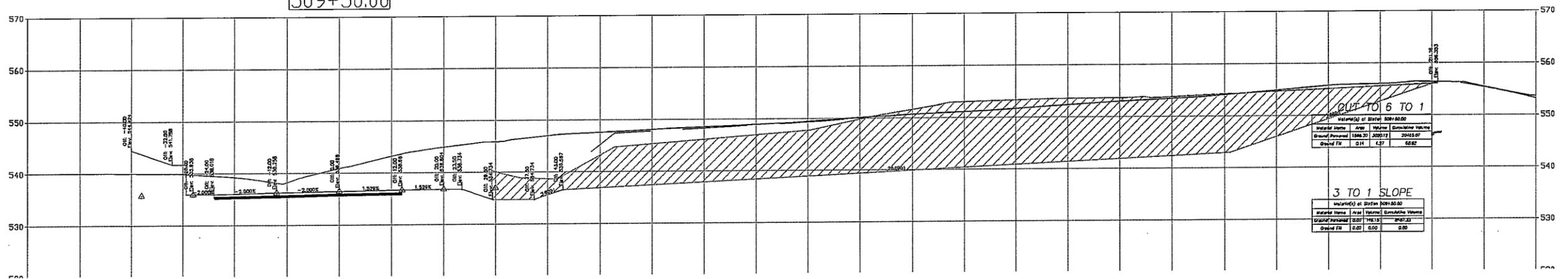
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509+79.47



509+50.00



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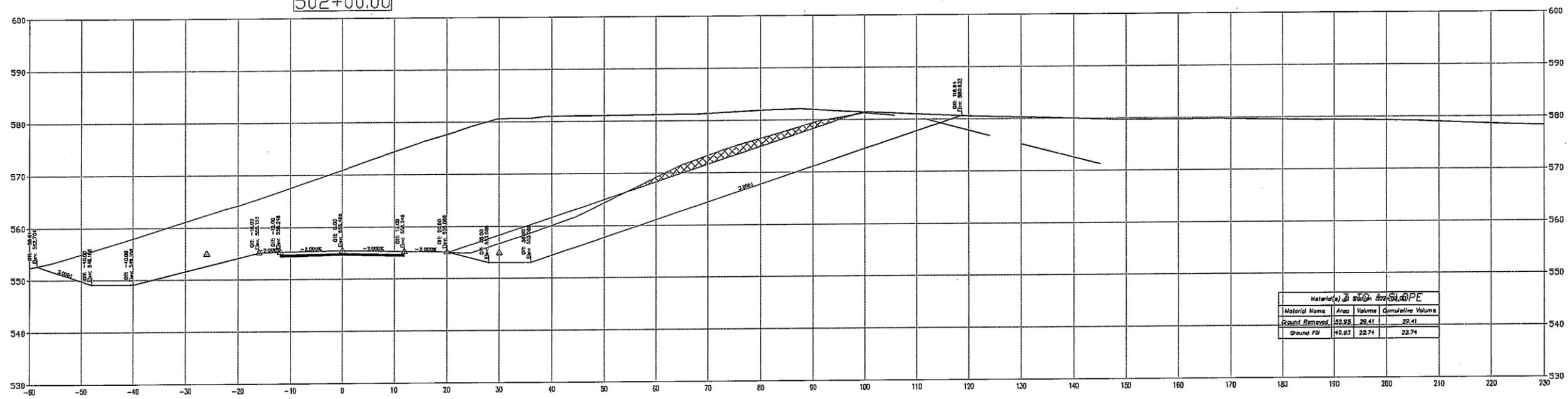
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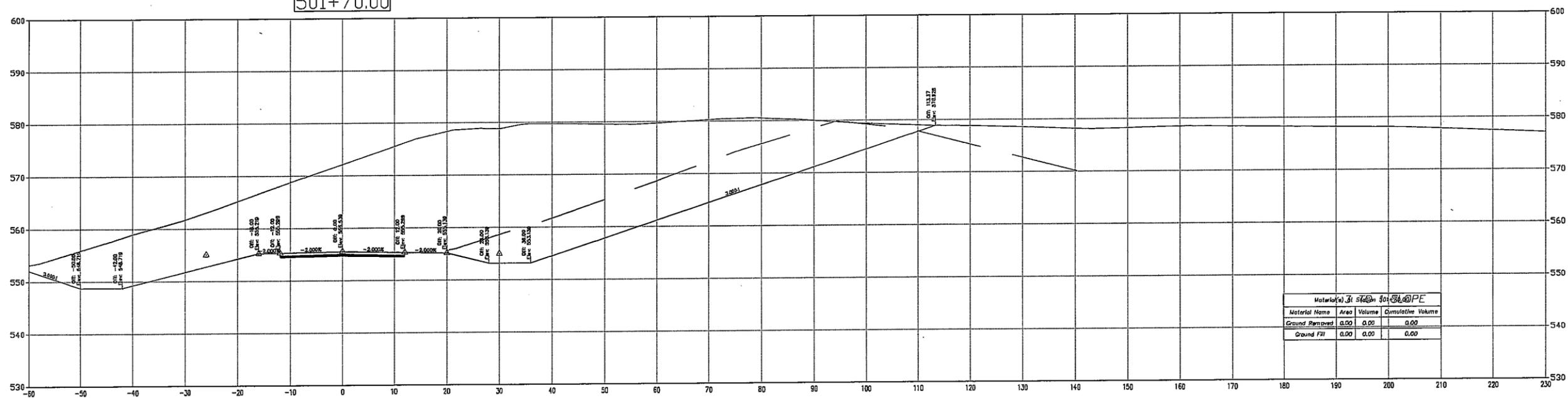


VE PLANS

502+00.00



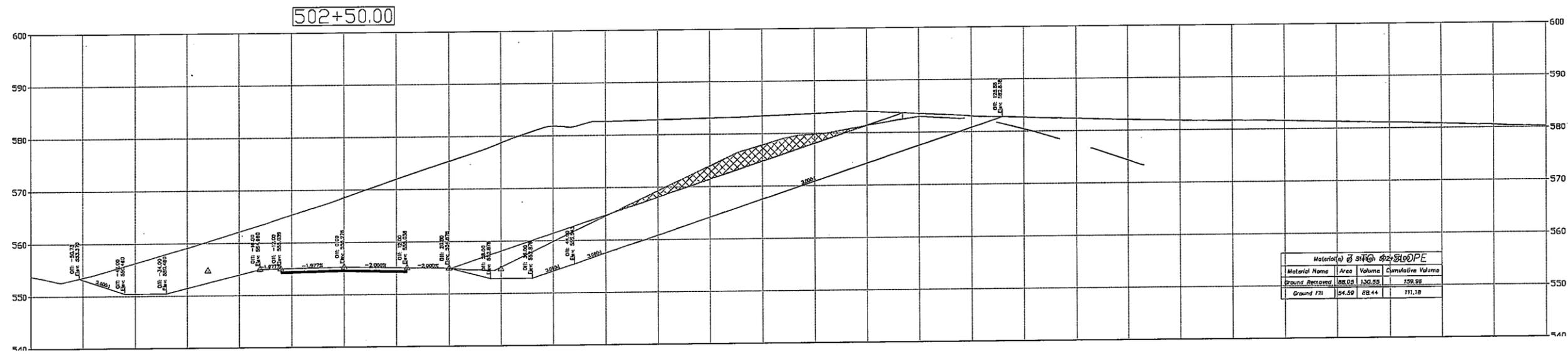
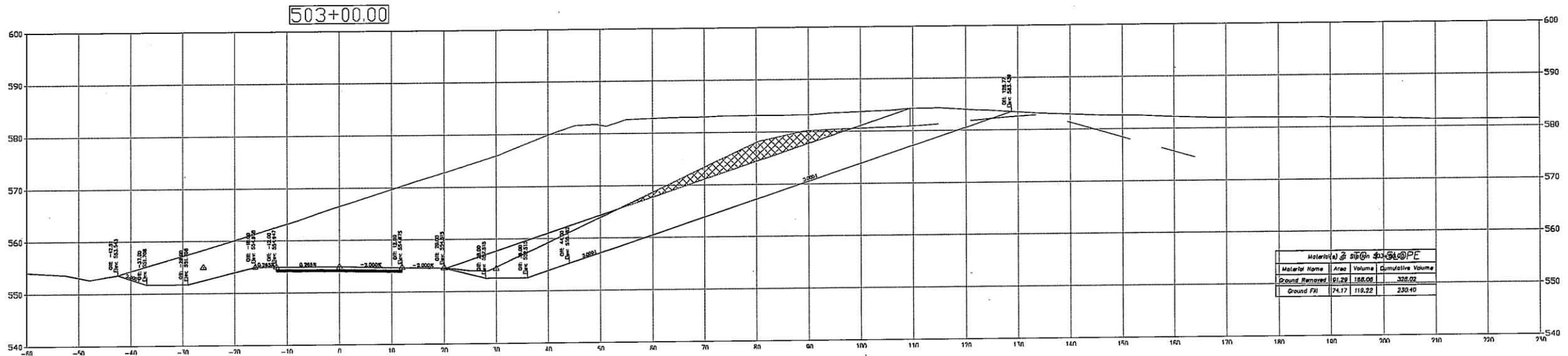
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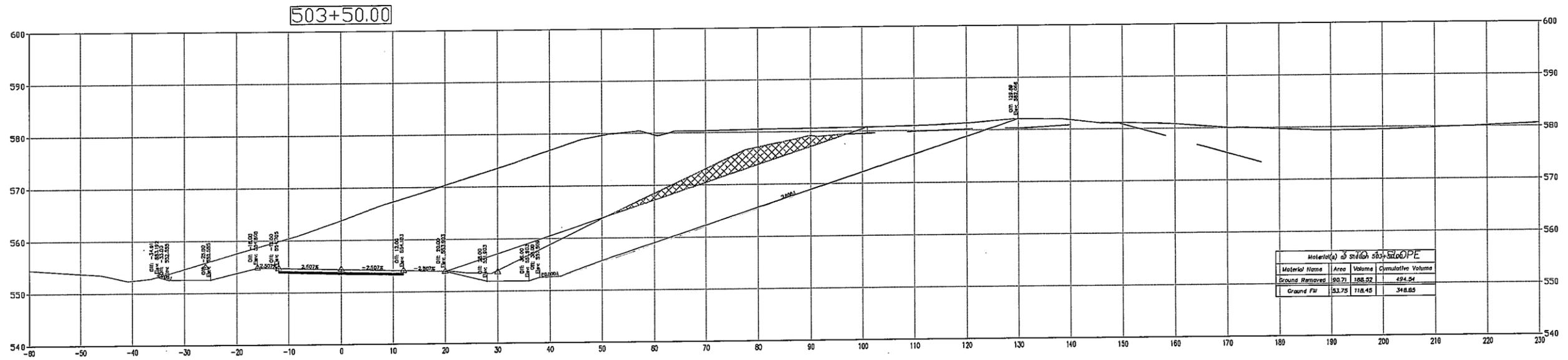
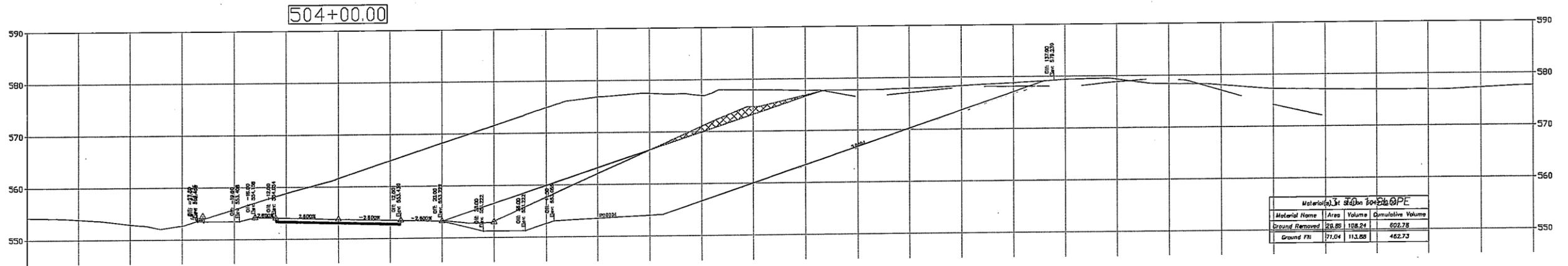




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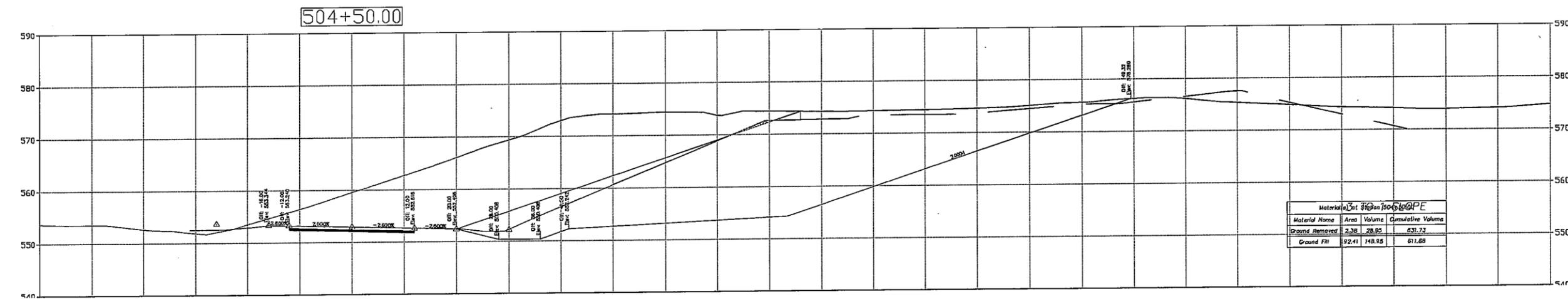
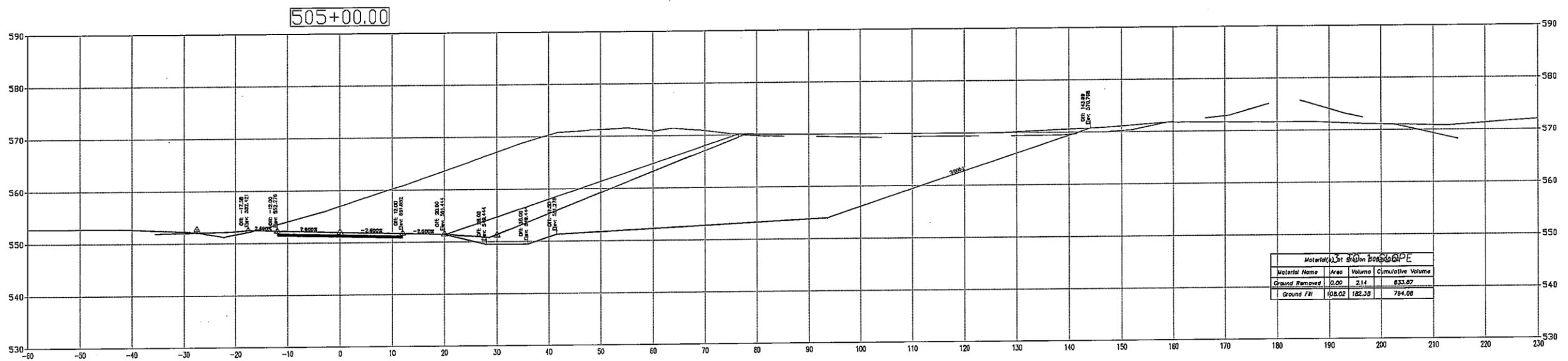
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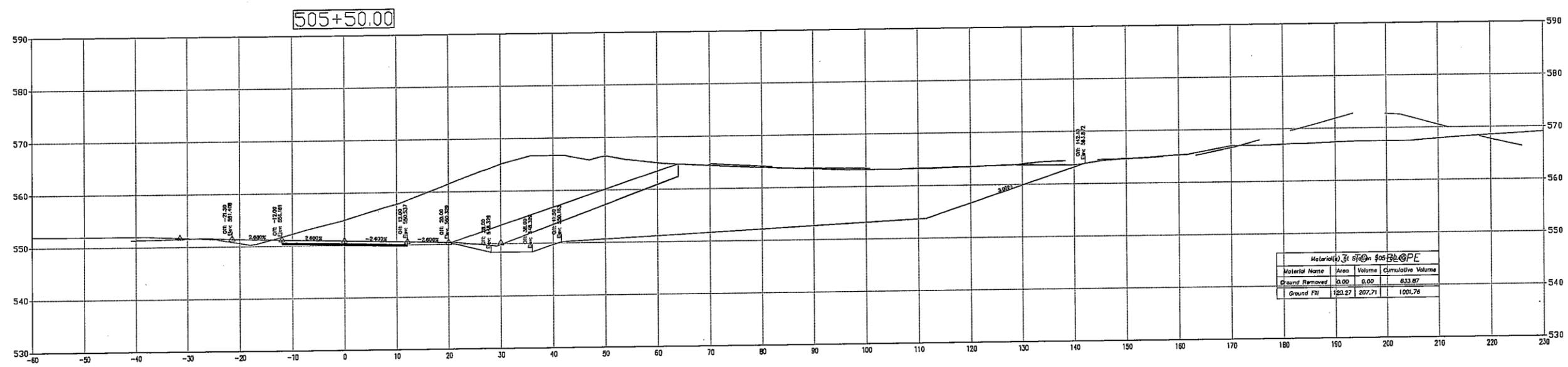
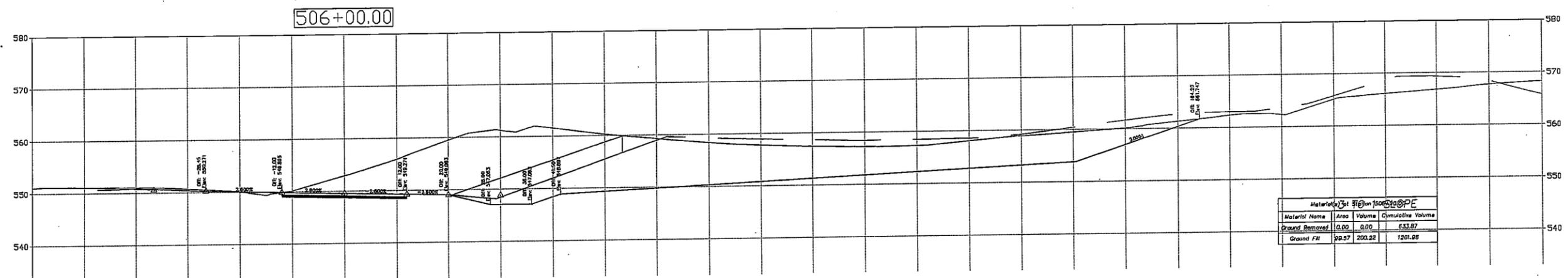
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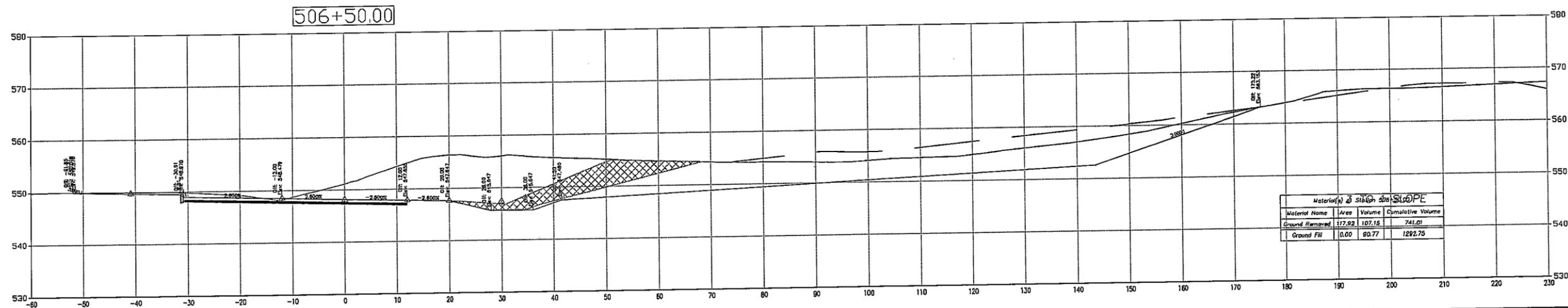
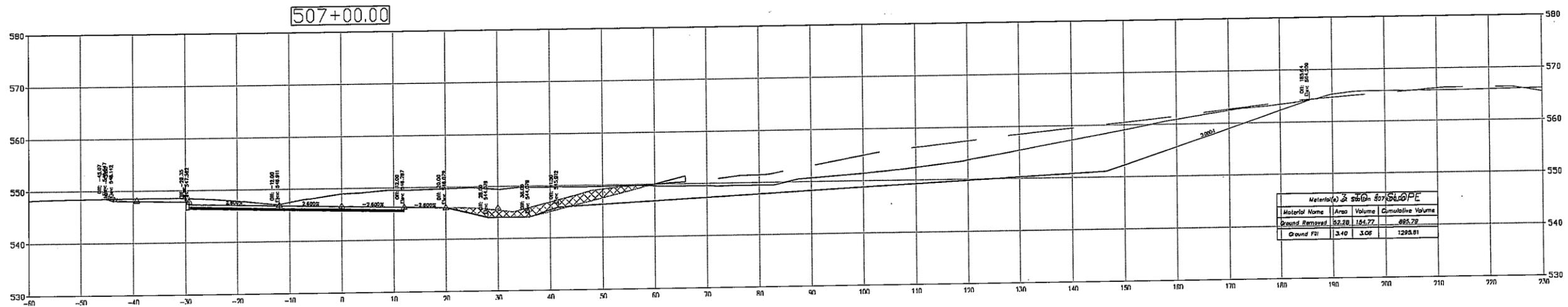




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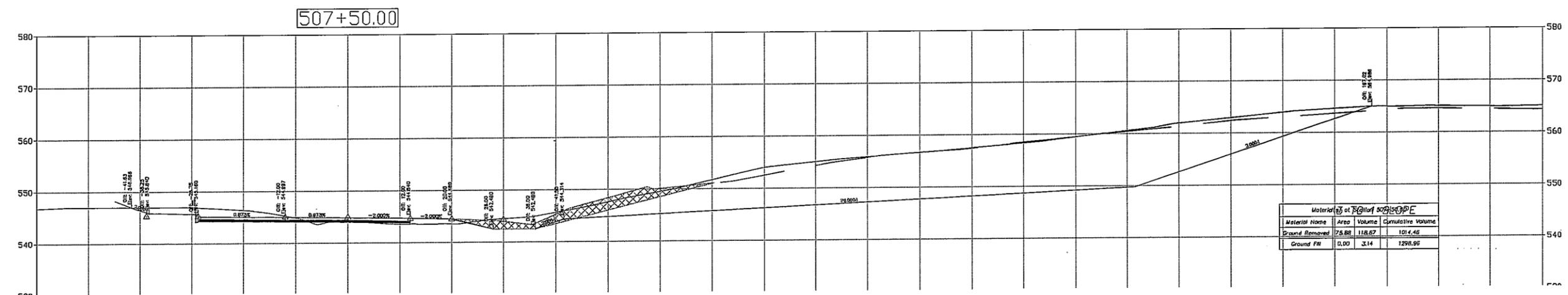
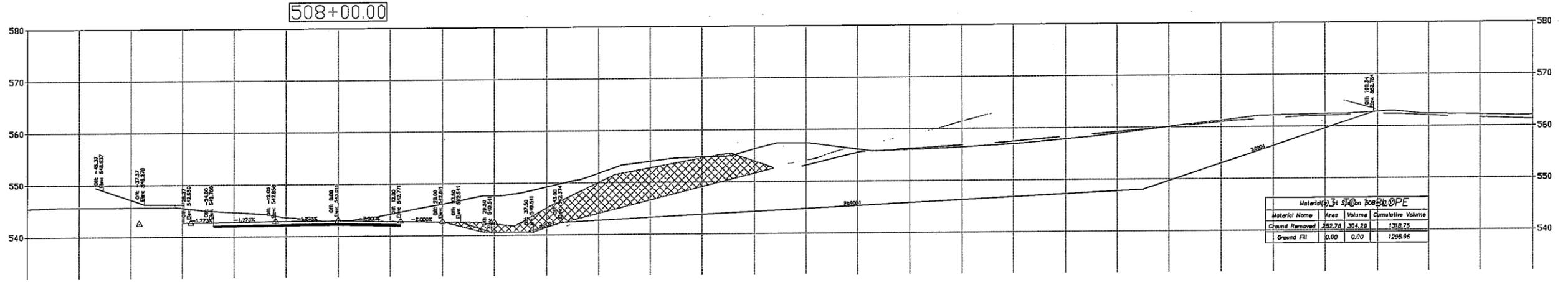




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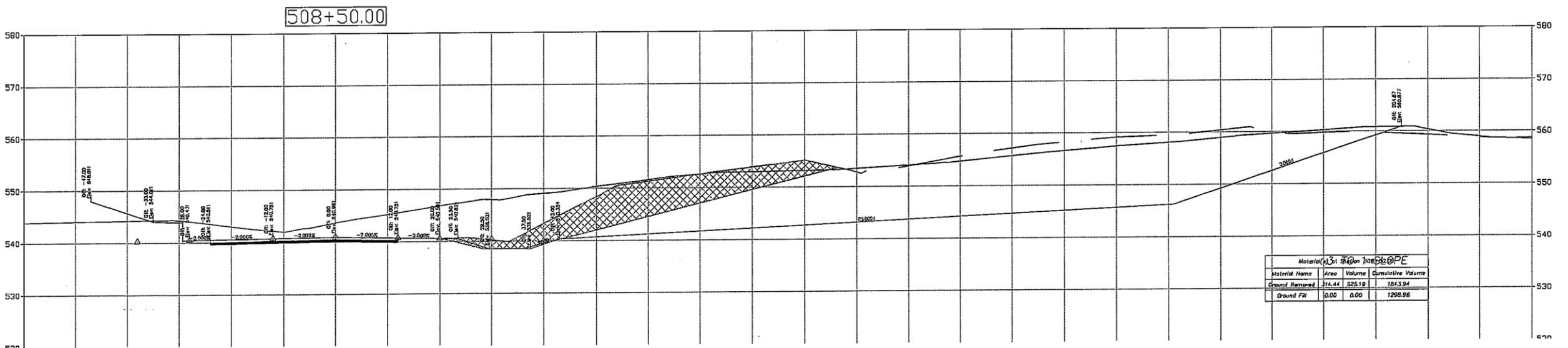
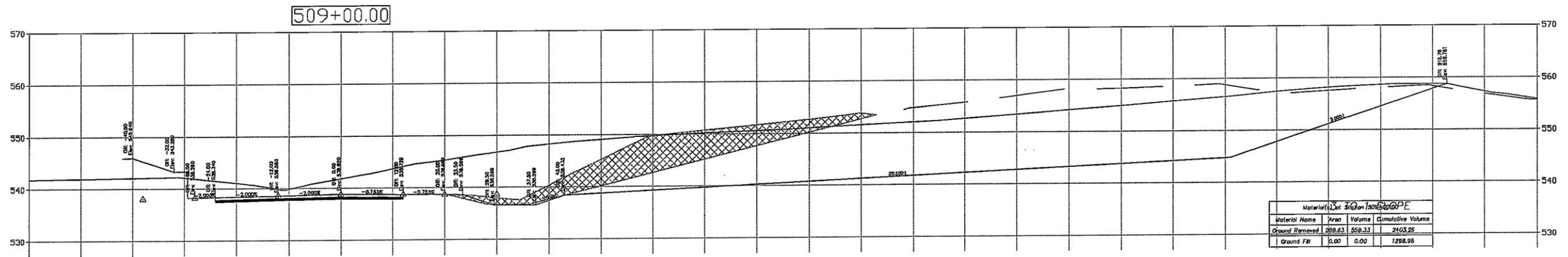




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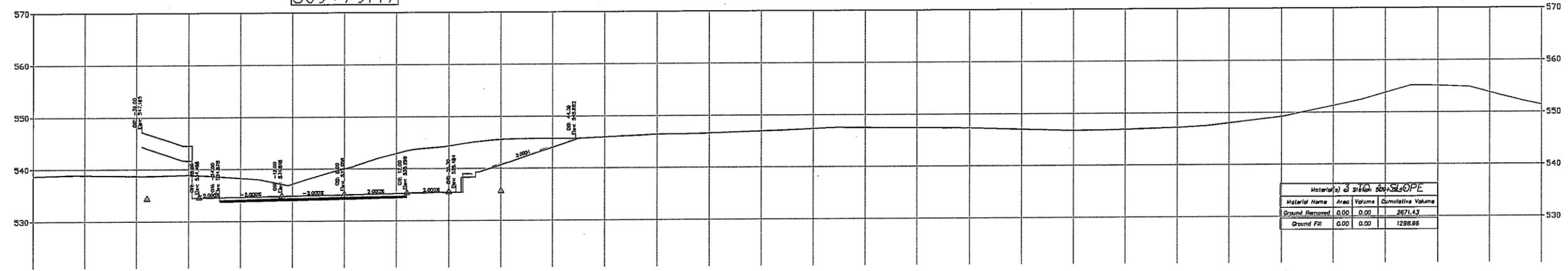
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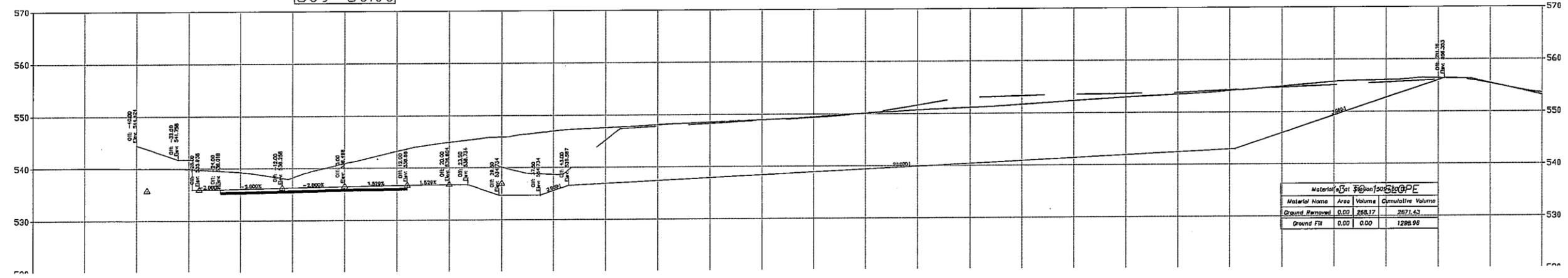
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509+50.00



CROSS SECTIONS

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VALUE ENGINEERING CHECK SHEET

VE 11-77

TYPE OF WORK

(Check one that applies)

- Bridge/Structure/Footings
- Drainage Structures (RCP, RCB, CMP's, ect.)
- TCP/MOT
- Paving (PCCP, ect.)
- Grading/MSE Walls
- Signal/Lighting/ITS
- Misc

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

The contractor will reduce Class A quantities for a 825' fill section by using a 3:1 slope design instead of a 6:1 and adding a curb.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.
