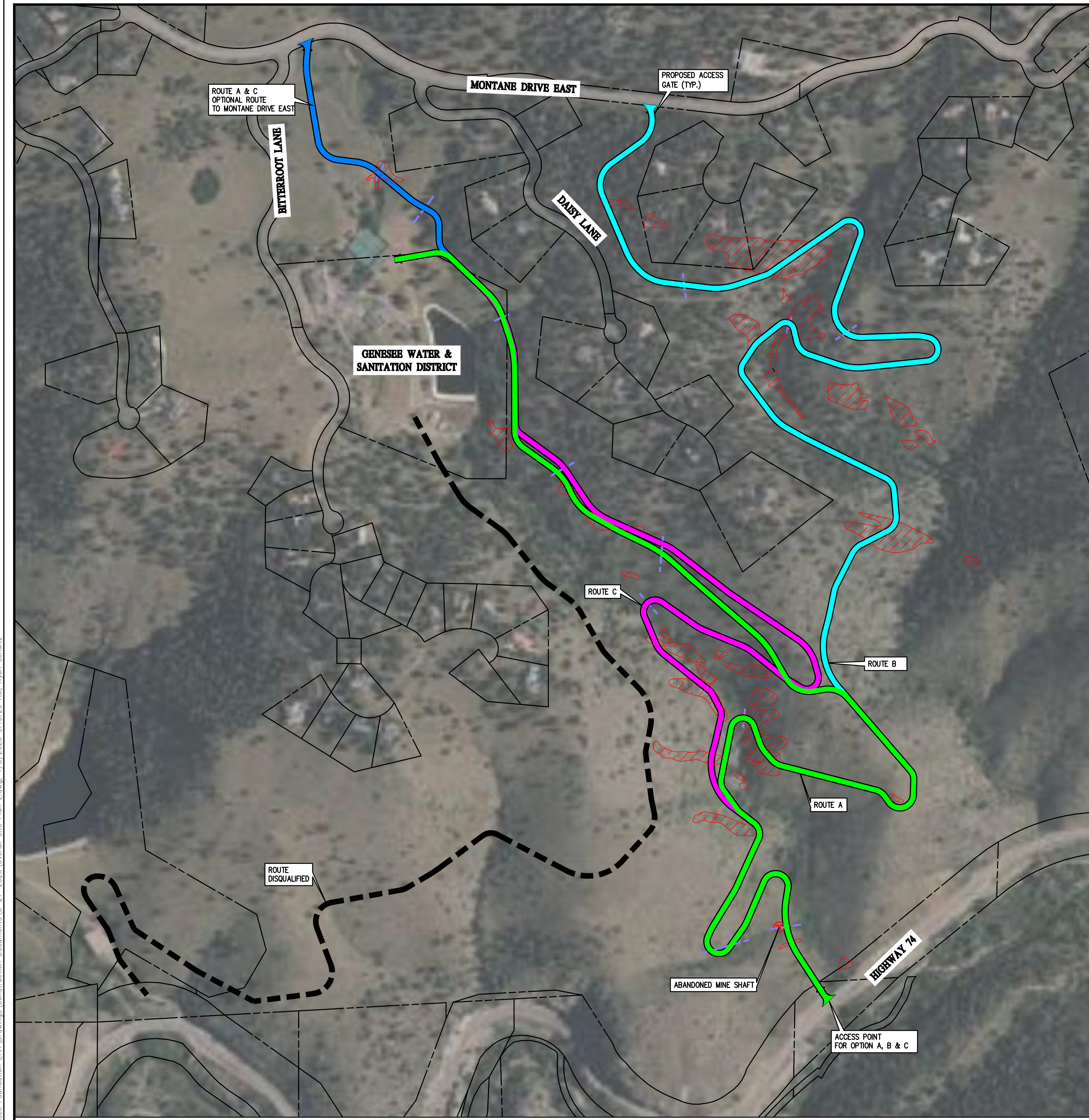


SOUTHERN EMERGENCY ACCESS ROAD FEASIBILITY STUDY GENESEE FOUNDATION

DATE PRINTED: April 5, 2023



LEGEND

EXISTING LINETYPES	PROPOSED LINETYPES	MAJOR CONTOUR (100' INTERVAL)	EXISTING SYMBOLS	PROPOSED SYMBOLS
--- 5280 ---	— 5280 —	MAJOR CONTOUR (100' INTERVAL)	[Grey Box]	ASPHALT PAVING
--- 81 ---	— 81 —	MINOR CONTOUR (20' INTERVAL)	[Patterned Box]	GRAVEL PAVING
---	---	PROPERTY BOUNDARY	[Red Hatched Box]	ROCK OUT CROPPING
---	---	LOT LINES	[Stippled Box]	ROAD BASE
---	---	EDGE OF ASPHALT	[Green Box]	ROUTE A (RECOMMENDED ROUTE)
---	---	EDGE OF GRAVEL	[Cyan Box]	ROUTE B
---	---	PROPOSED DRAINAGE STRUCTURE	[Magenta Box]	ROUTE C
---	---		[Blue Box]	ROUTE A & C TO MONTANE

EARTHWORK:

OPTION A: AREA OF DISTURBANCE = 9.7 ACRES
GRADING EARTHWORK SUMMARY

FILL = + 55,370 YD³
(CUT) = - 55,572 YD³
ADJUSTED NET (CUT) = - 202 YD³

OPTION B: AREA OF DISTURBANCE = 13.4 ACRES
GRADING EARTHWORK SUMMARY

FILL = + 57,391 YD³
(CUT) = - 54,269 YD³
NET (CUT) = - 3,122 YD³

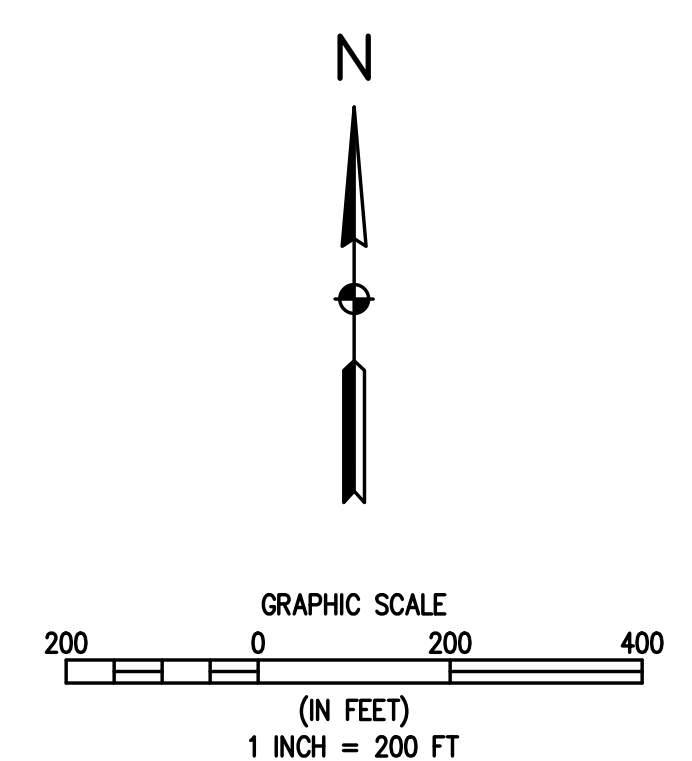
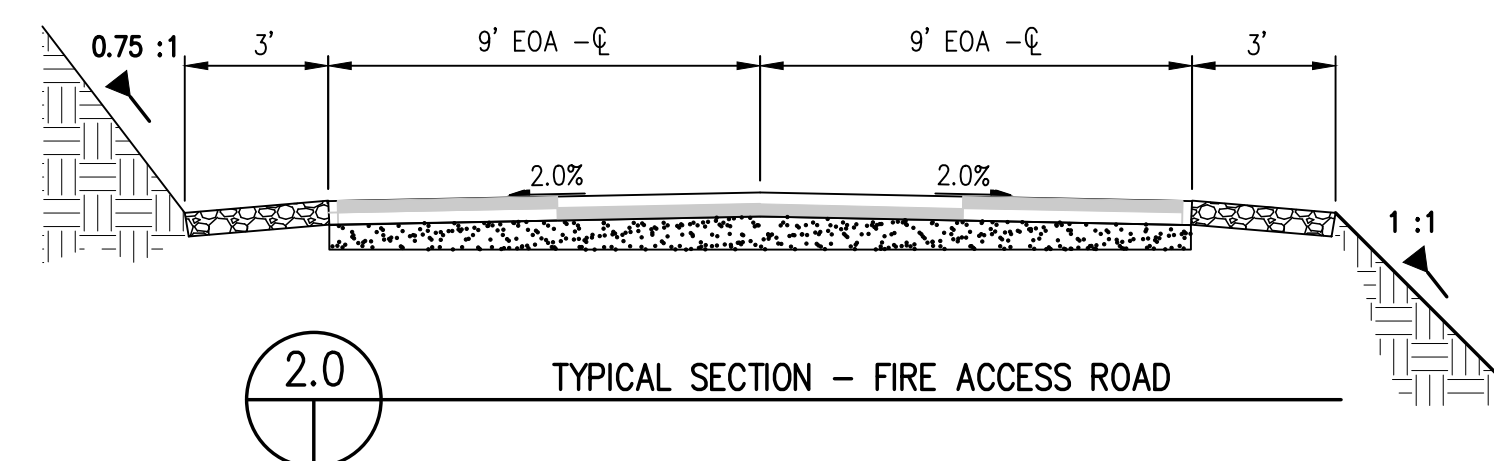
OPTION C: AREA OF DISTURBANCE = 9.9 ACRES
GRADING EARTHWORK SUMMARY

FILL = + 47,819 YD³
(CUT) = - 55,169 YD³
NET (CUT) = - 7,350 YD³

OPTION A TO MONTANE AVE: AREA OF DISTURBANCE = 1.0 ACRES
GRADING EARTHWORK SUMMARY

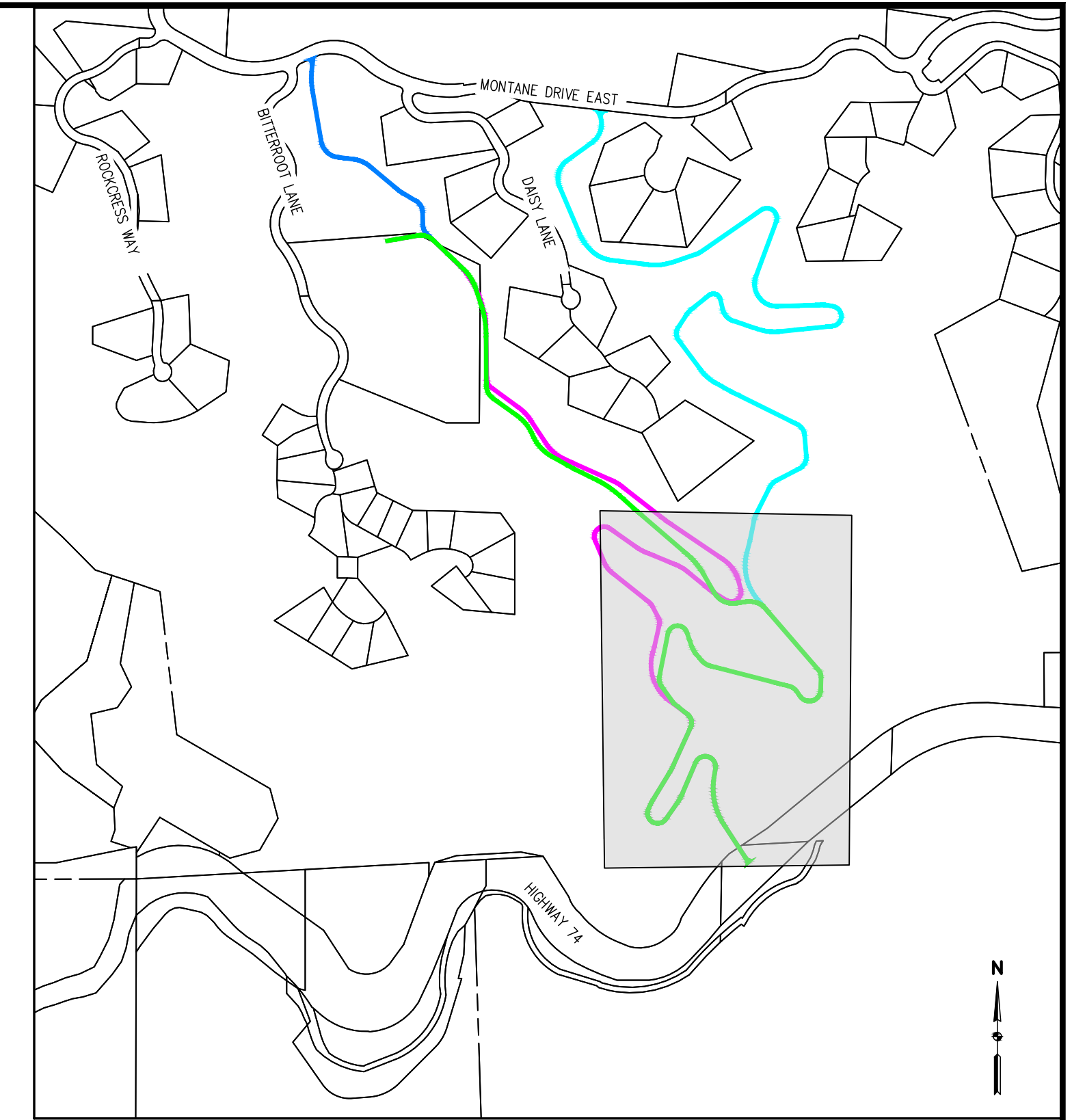
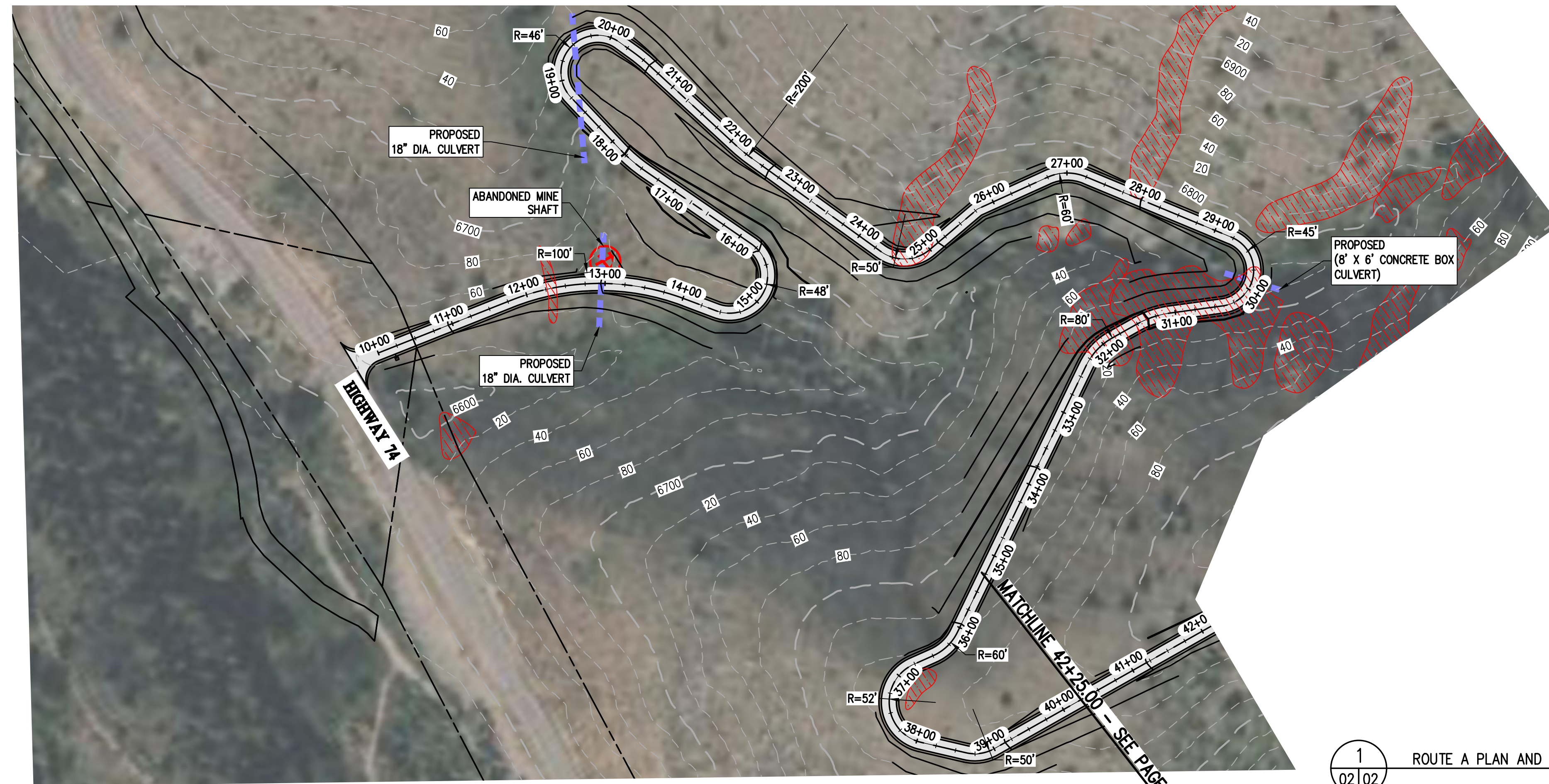
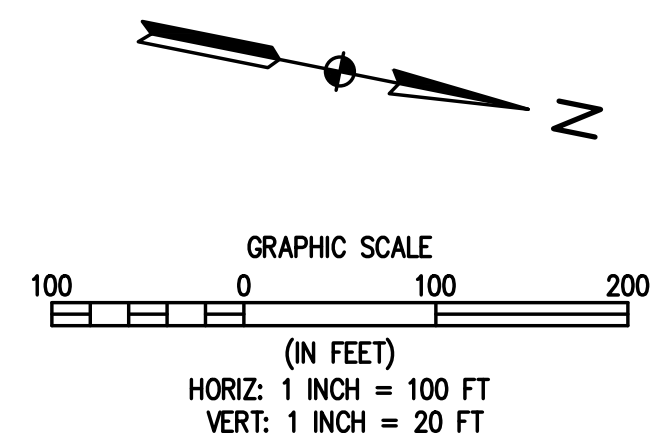
FILL = + 4,236 YD³
(CUT) = - 849 YD³
NET (FILL) = + 1,126 YD³

*EARTHWORK QUANTITIES ARE BASED ON A SIMPLE COMPARISON OF EXISTING AND FINISHED THIS CALCULATION DOES NOT ACCOUNT FOR UTILITY VOIDS AND REMOVALS, UNDESIRABLE FILL TO BE REMOVED, SHRINKAGE AND SWELL FROM EXCAVATION AND COMPACTION. EARTHWORK CALCULATIONS SHOWN ARE NOT TO BE USED FOR CONTRACTUAL/BIDDING PURPOSES.



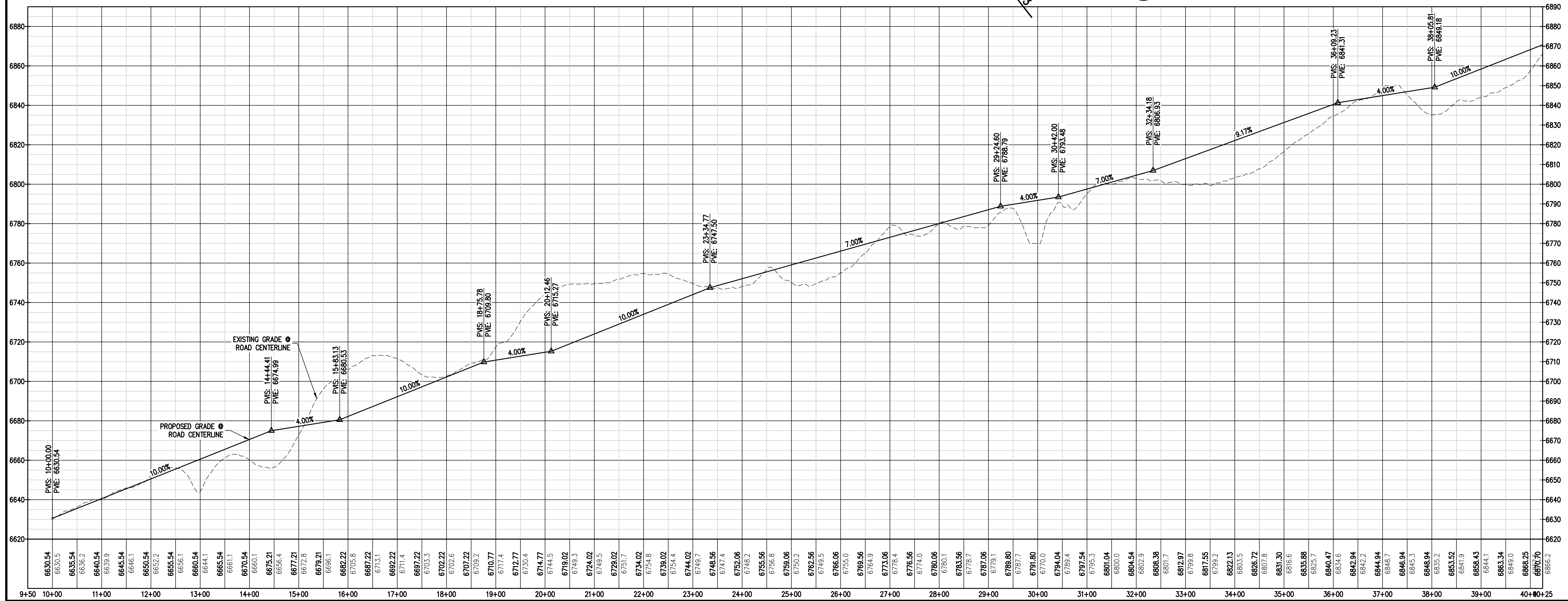
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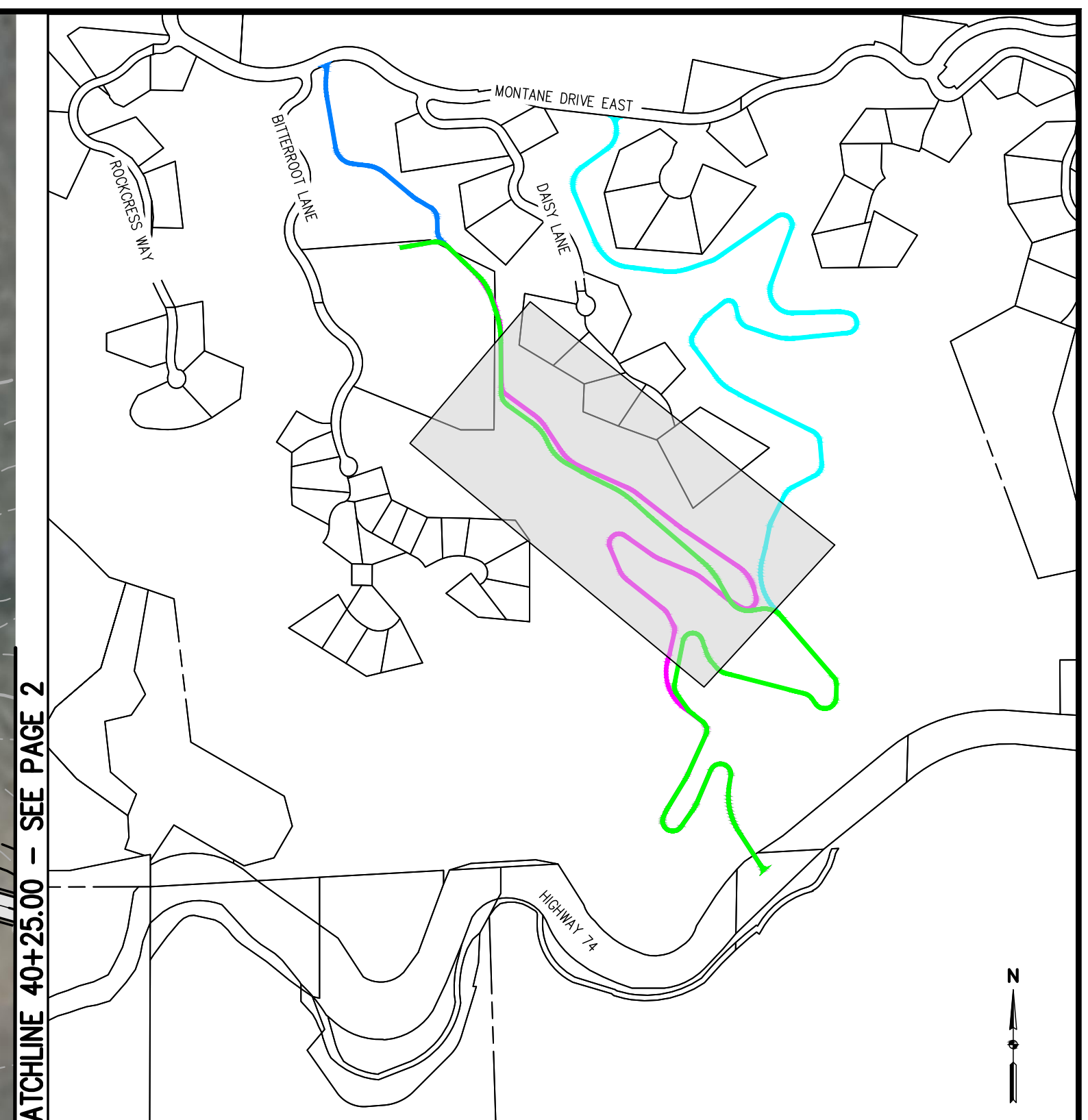
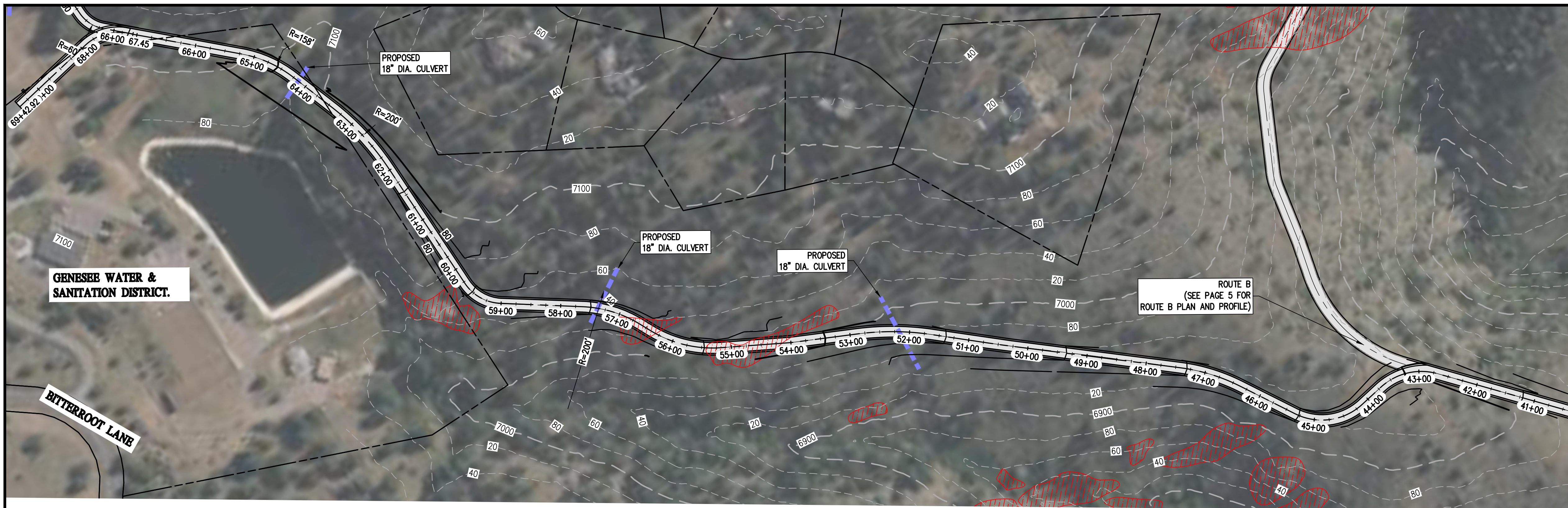


KEY MAP
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02/02 ROUTE A PLAN AND PROFILE



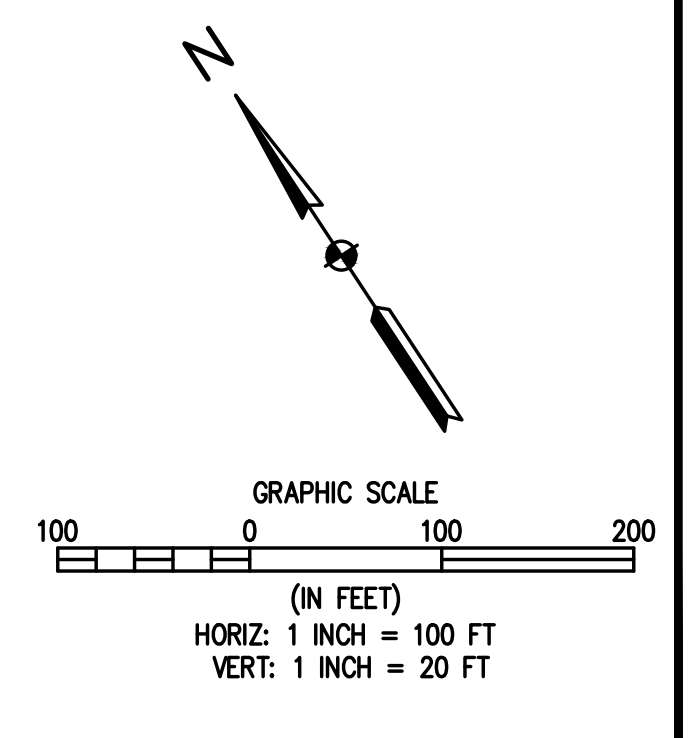
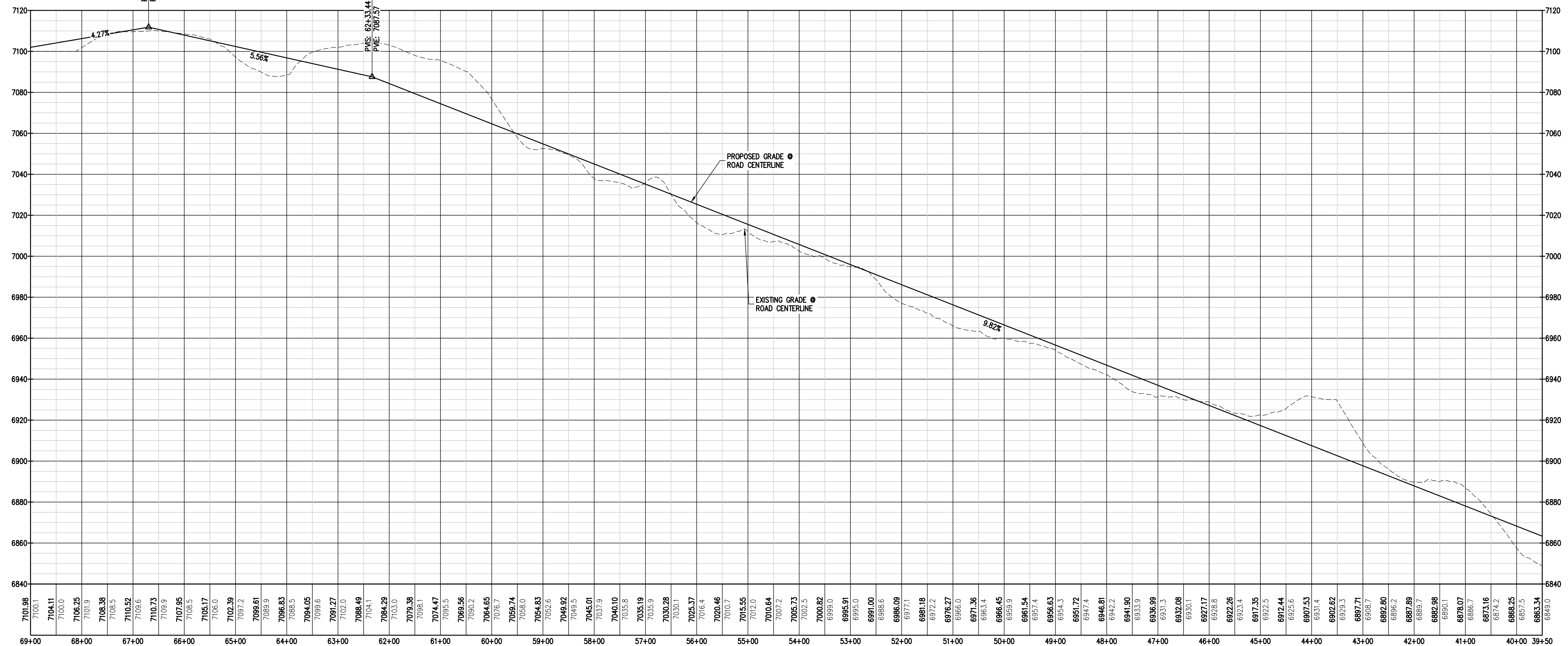
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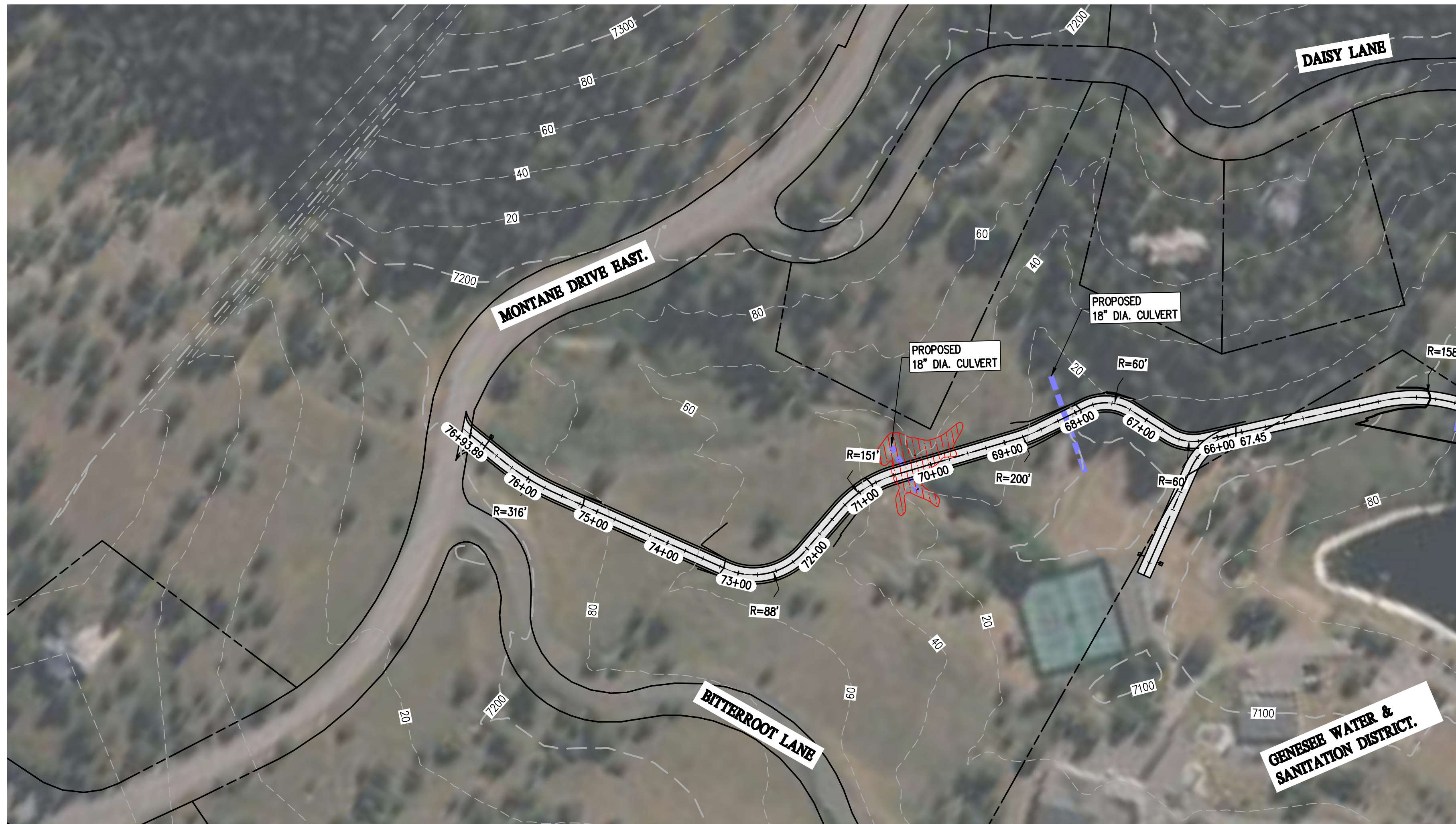


MATCHLINE 40+25.00 - SEE PAGE 2

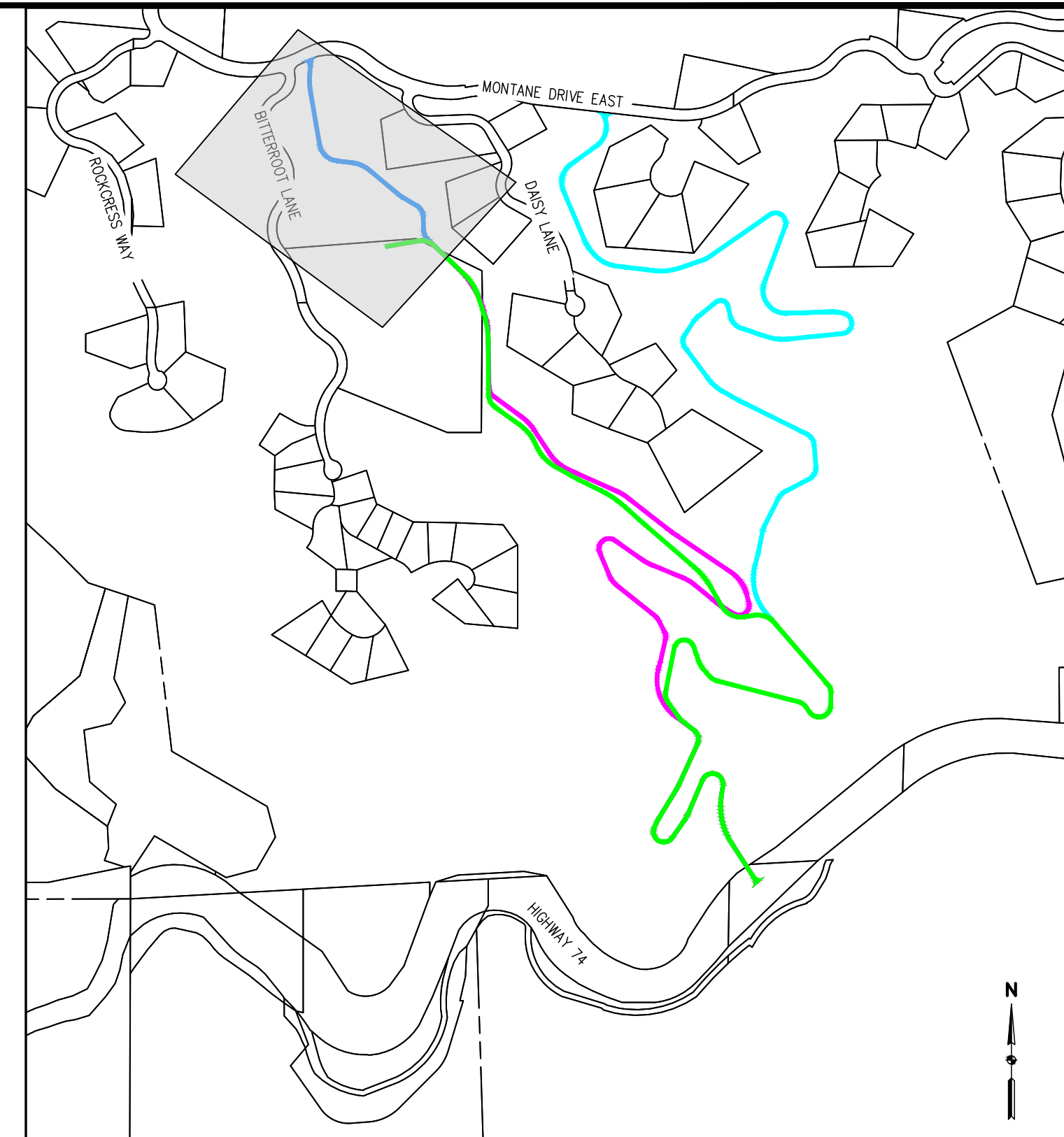
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03 03 ROUTE A PLAN AND PROFILE

KEY MAP
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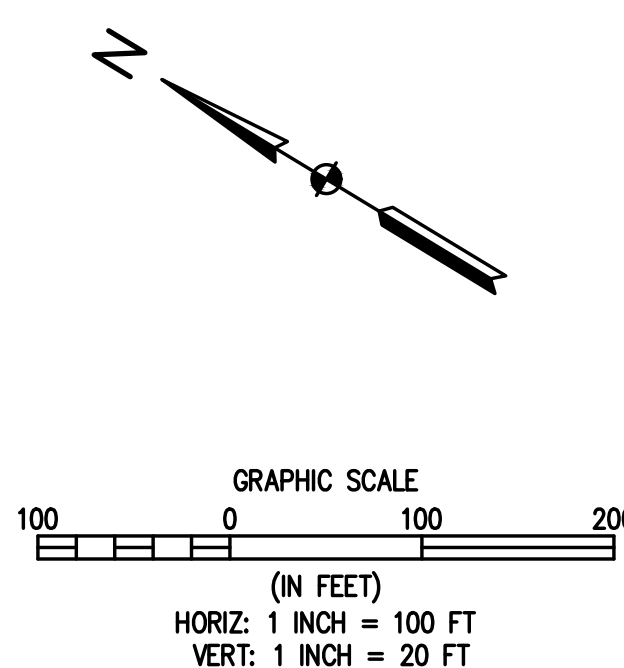
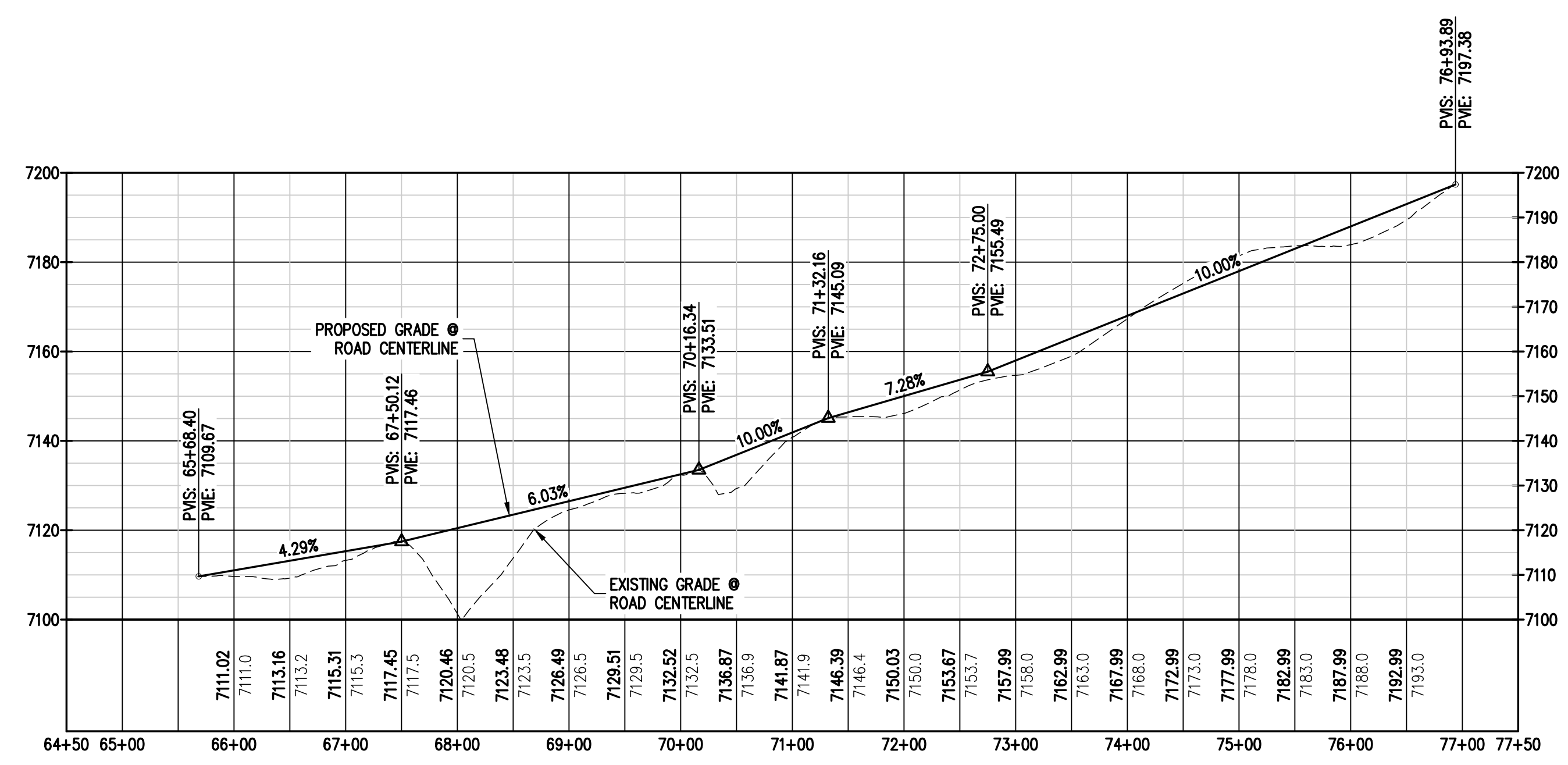


ROUTE A - SEE SHEET 2 & 3



KEY MAP
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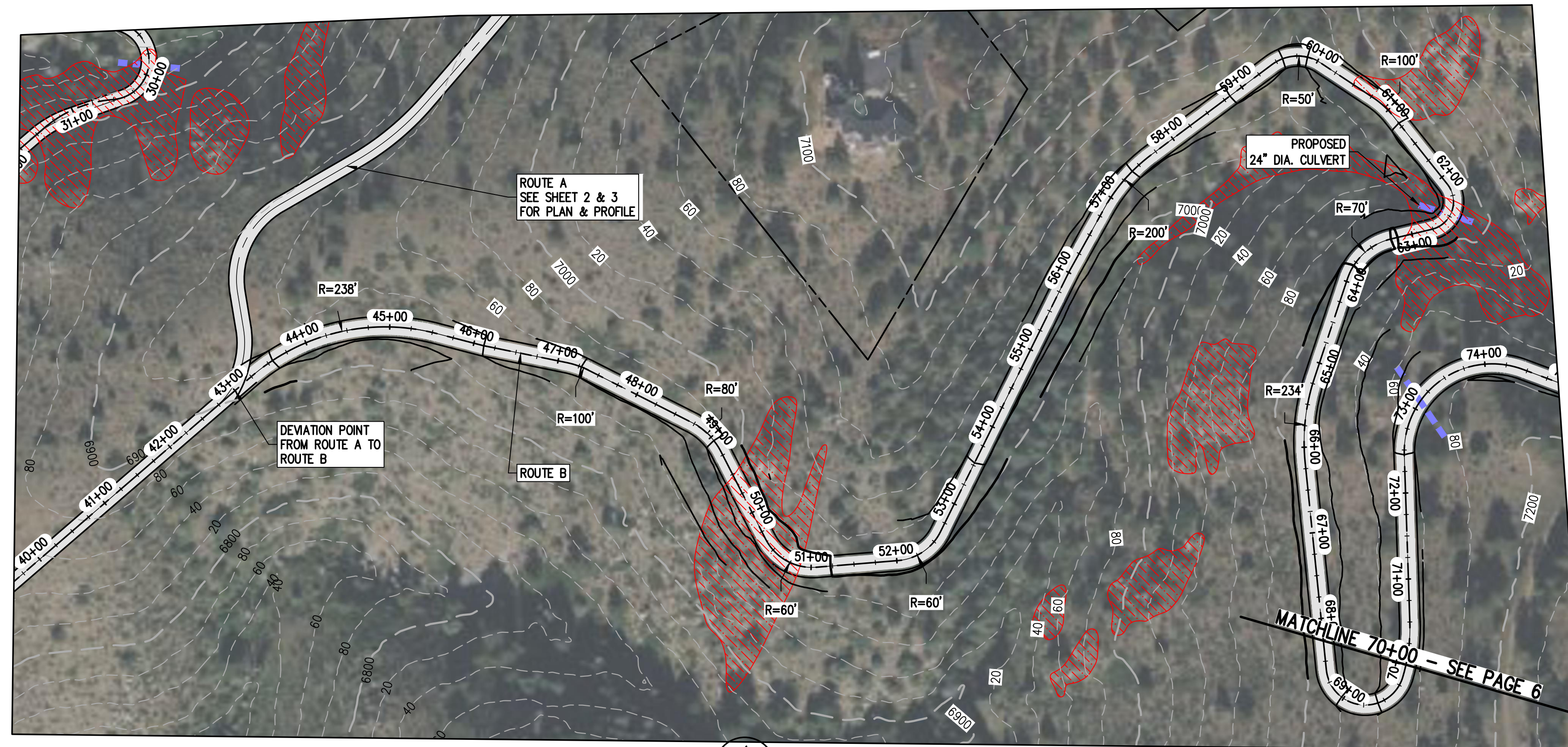
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04 | 04 ROUTE A TO MONTANE



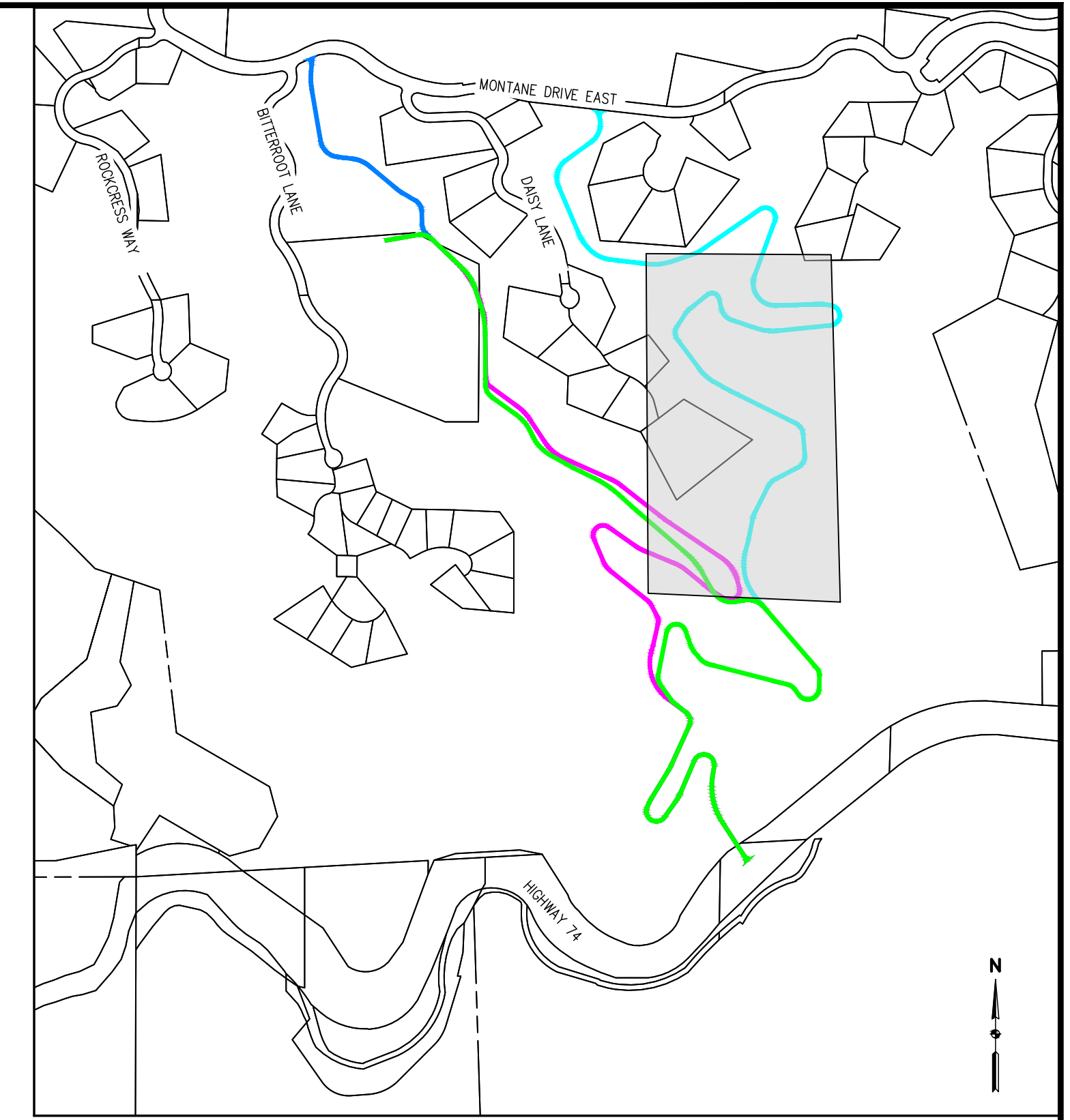
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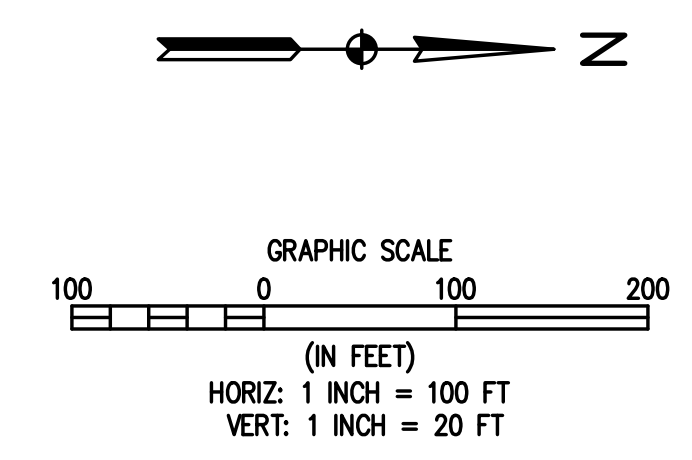
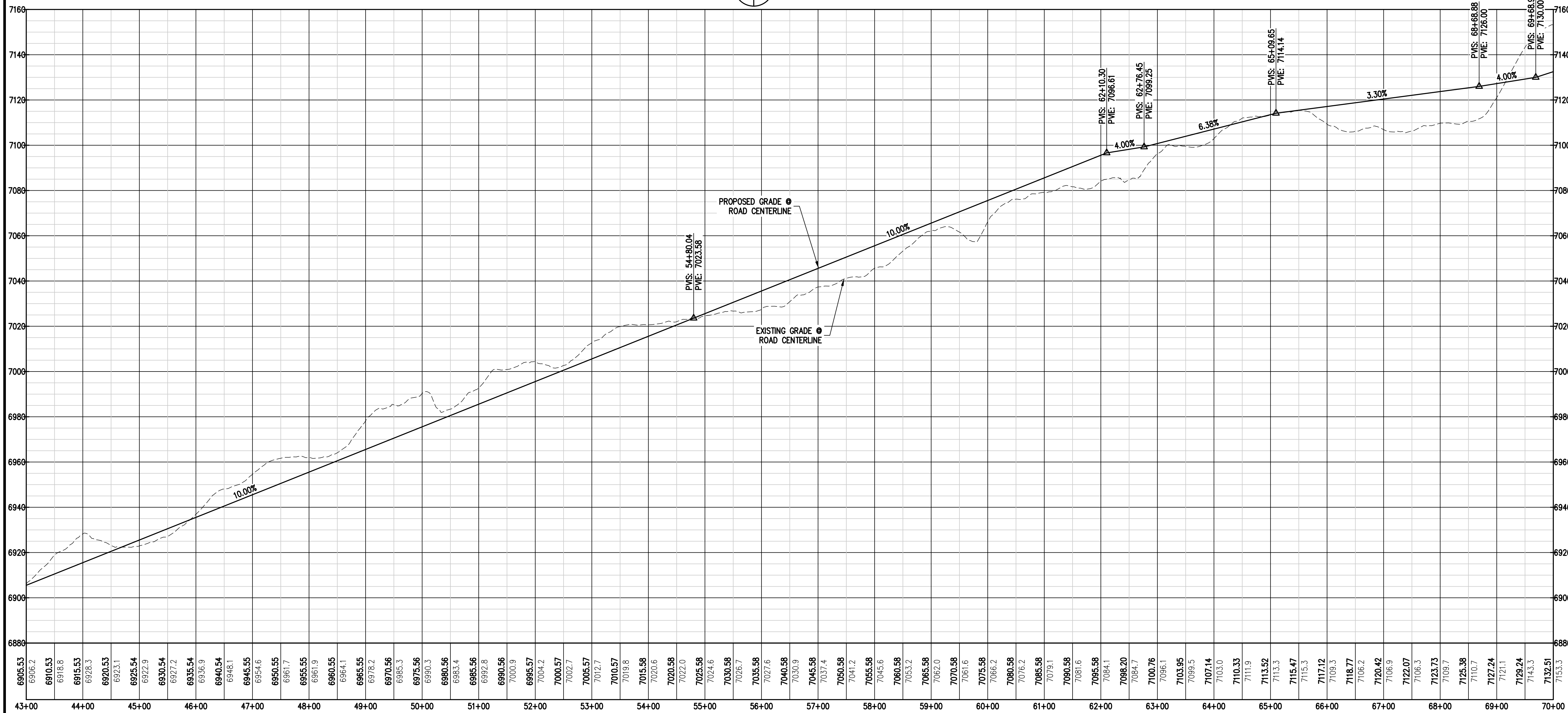
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05 05 ROUTE B PLAN AND PROFILE

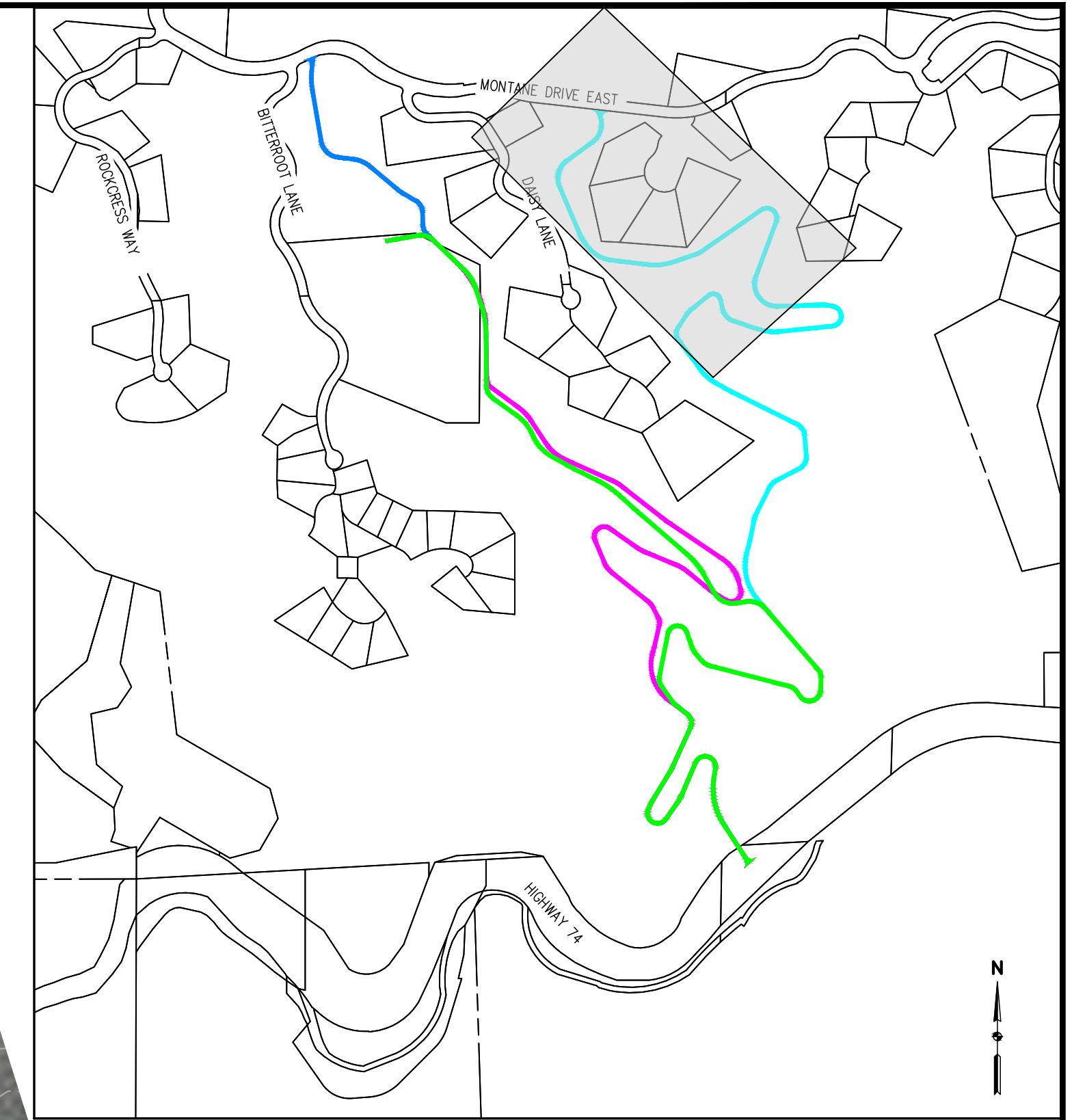
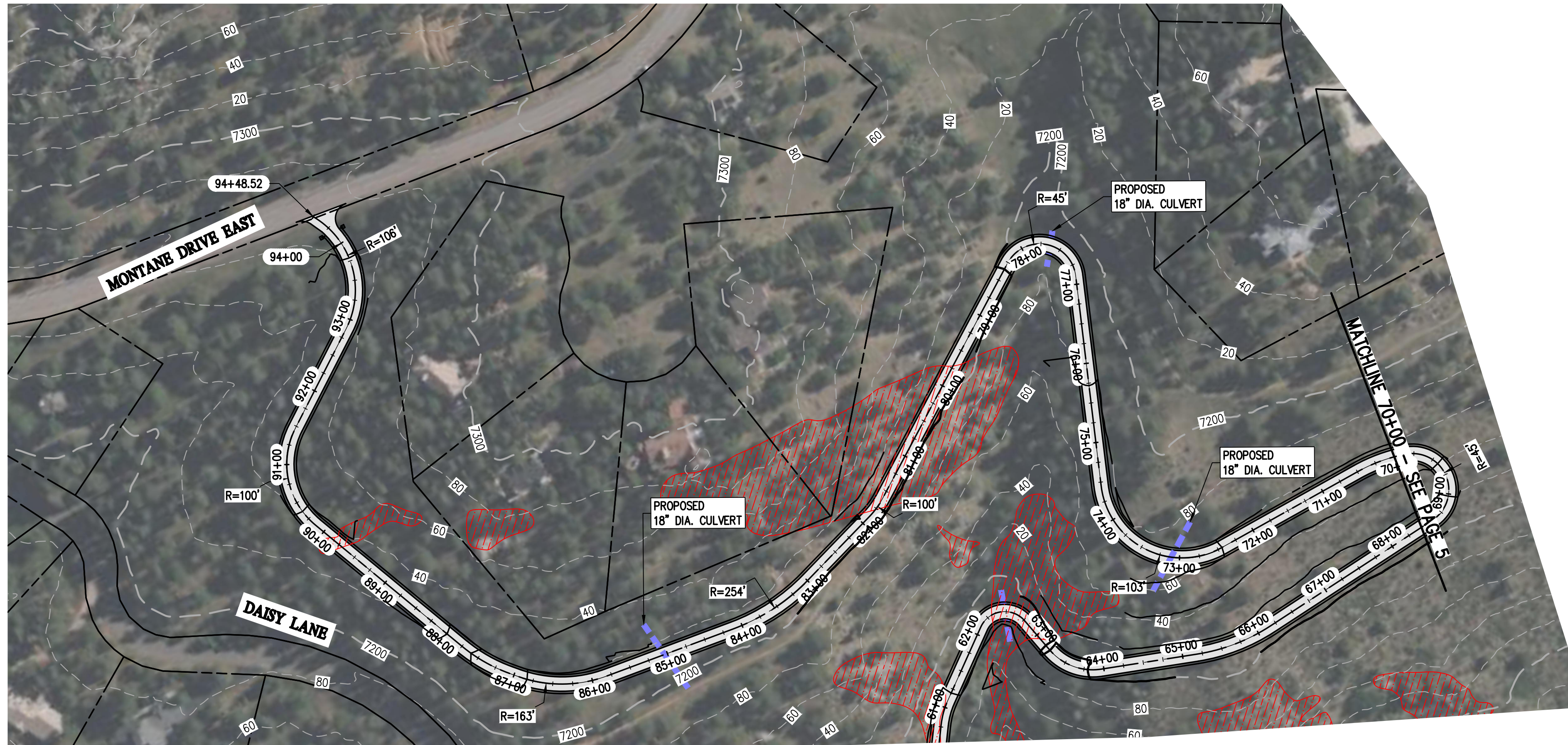


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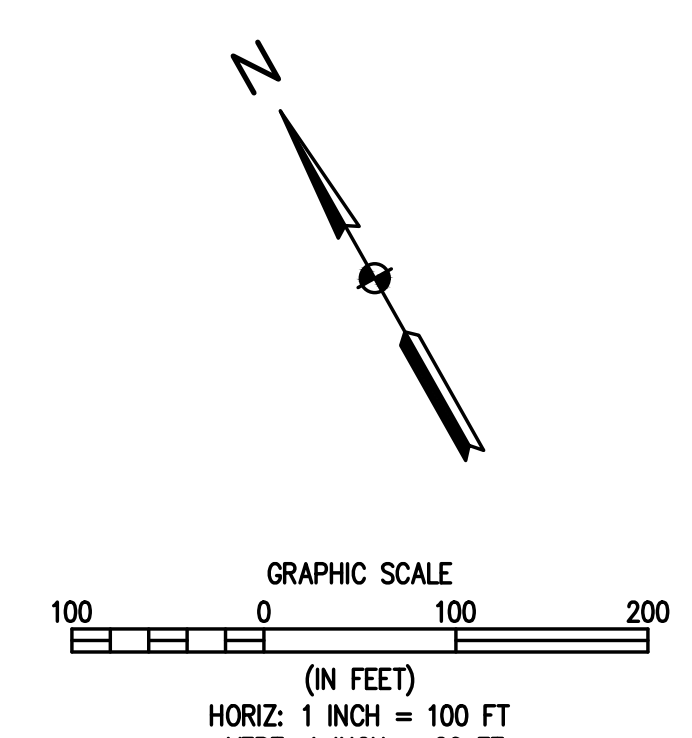
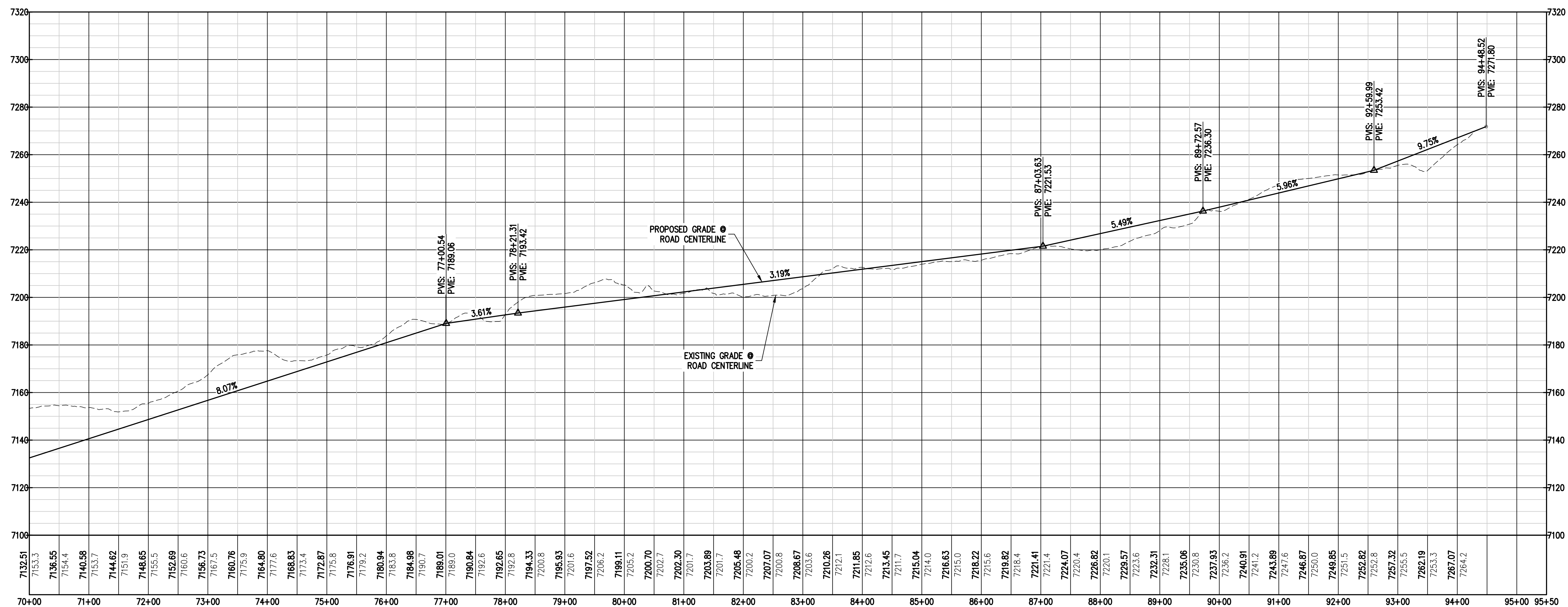
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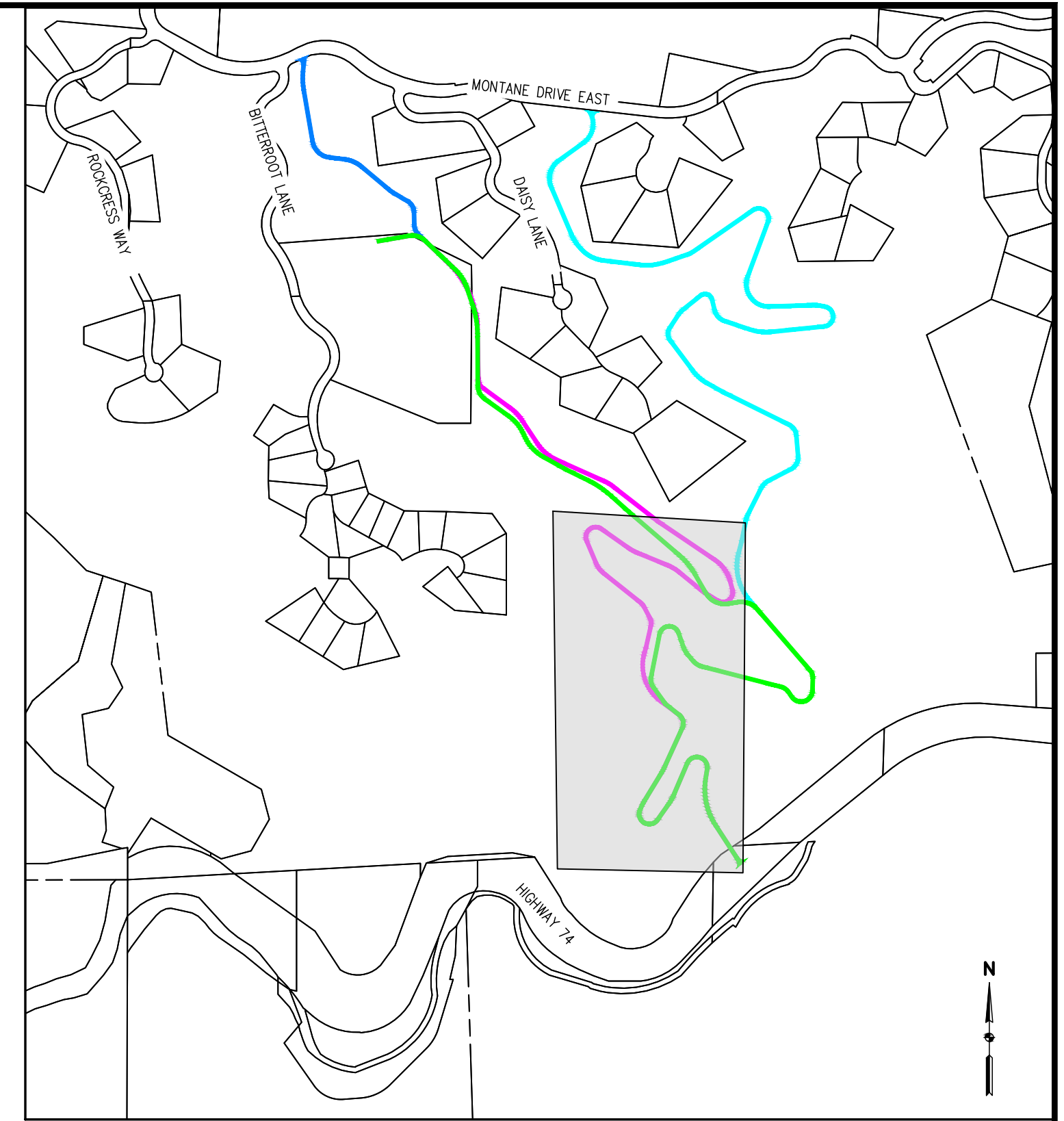
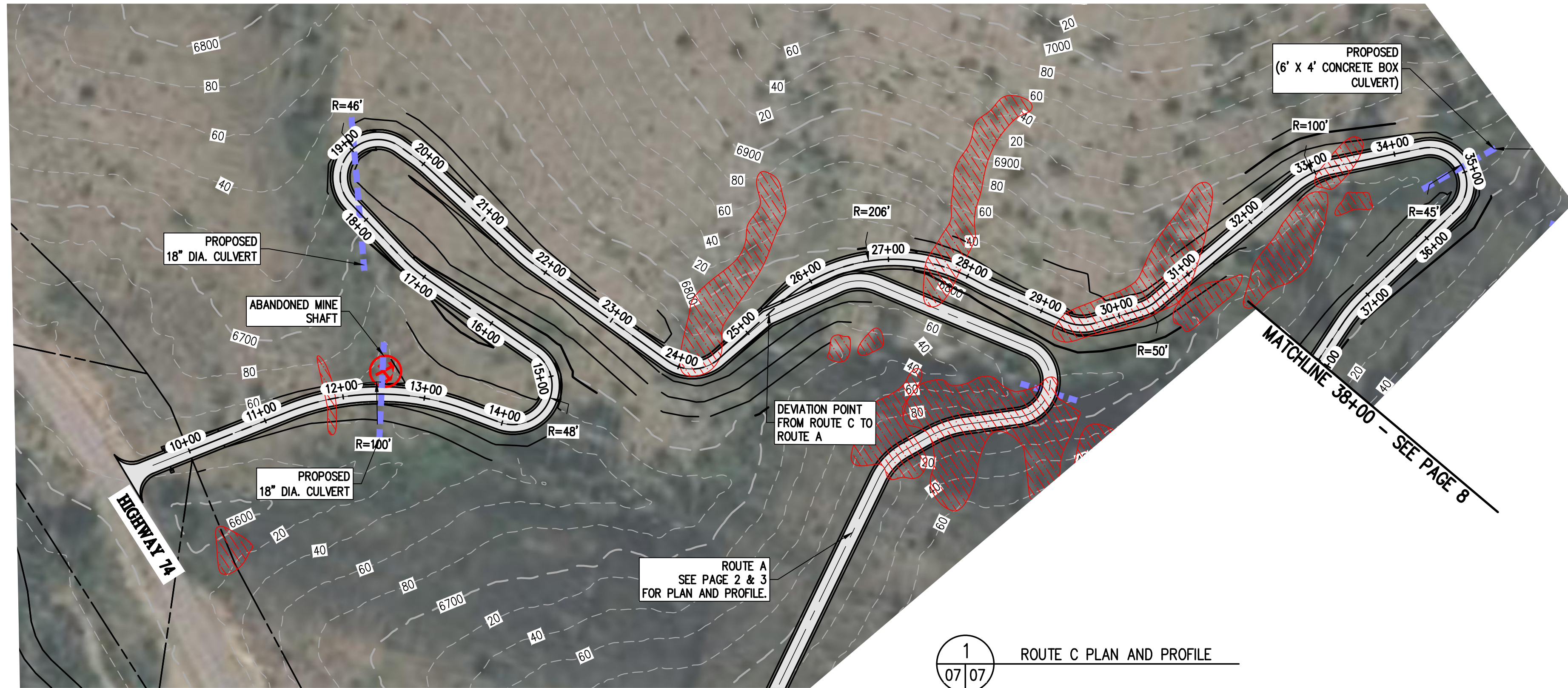
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06 06 ROUTE B PLAN AND PROFILE

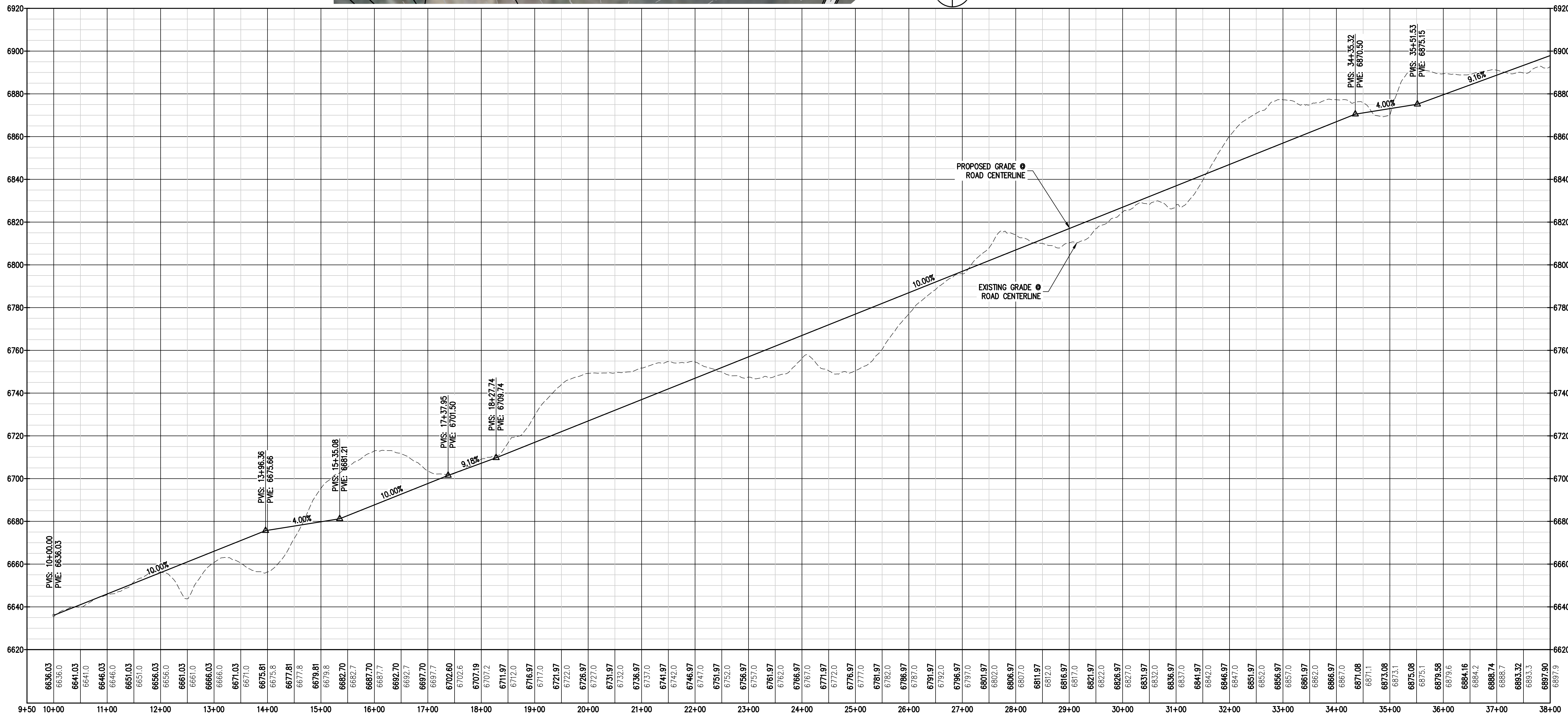


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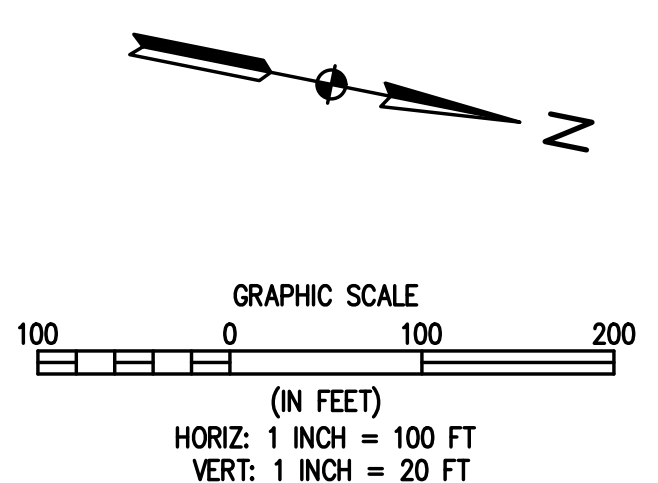
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1
07 07 ROUTE C PLAN AND PROFILE

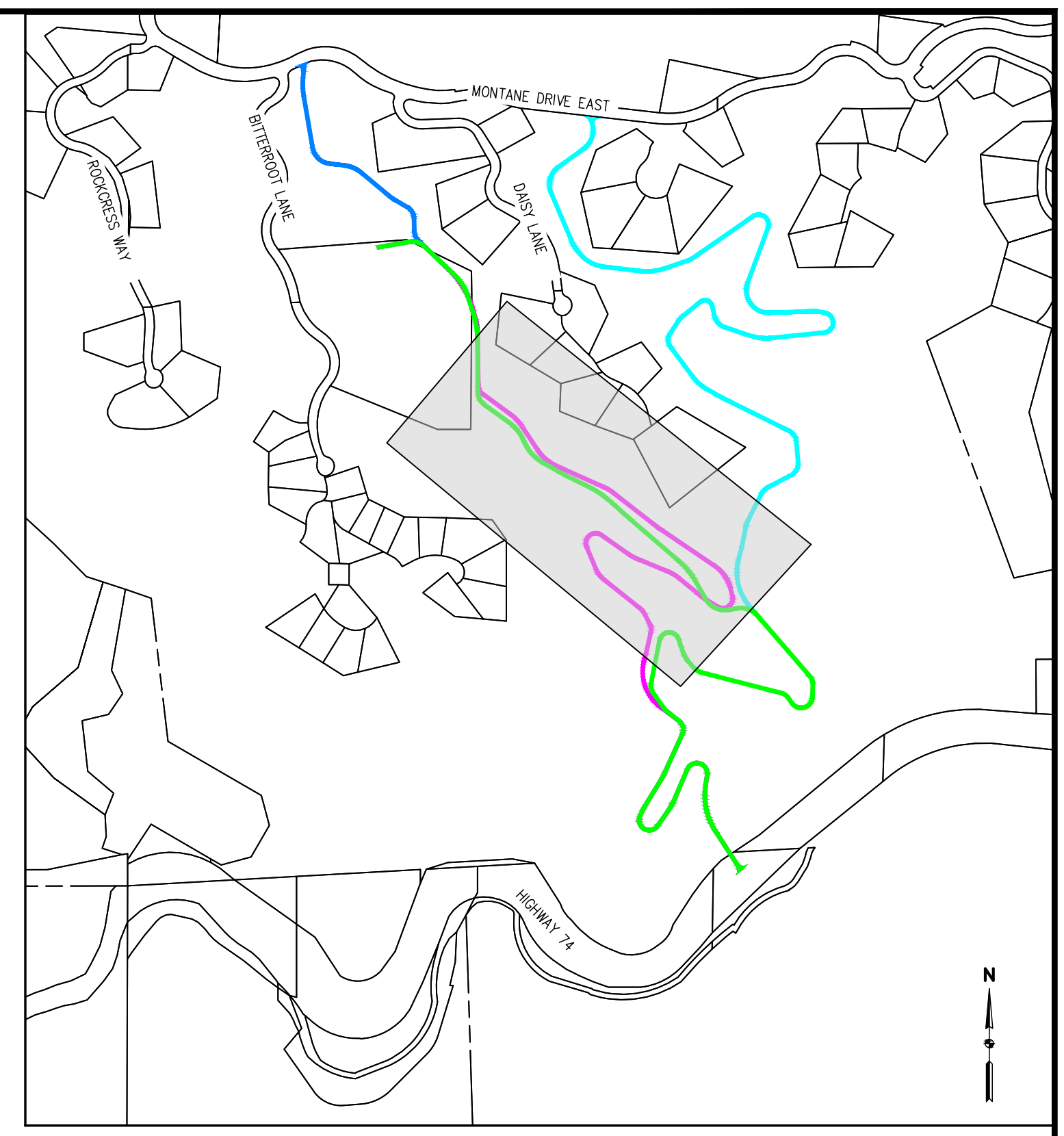
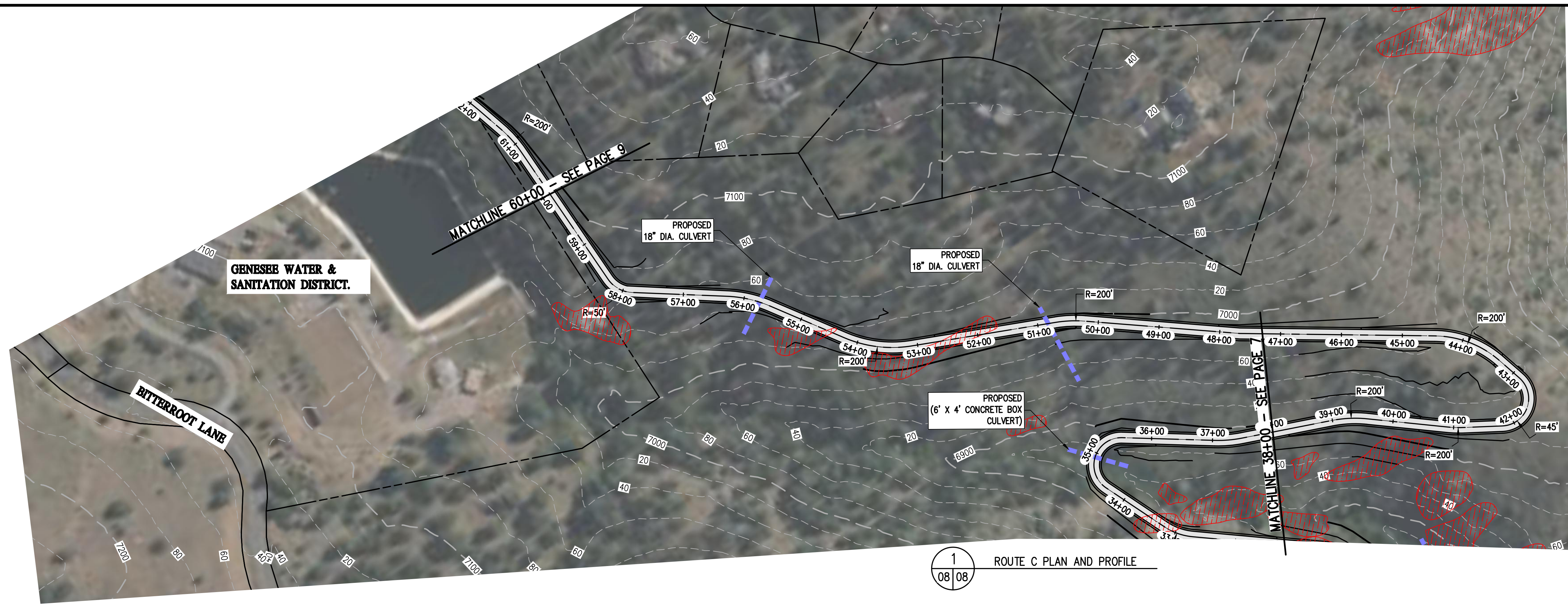


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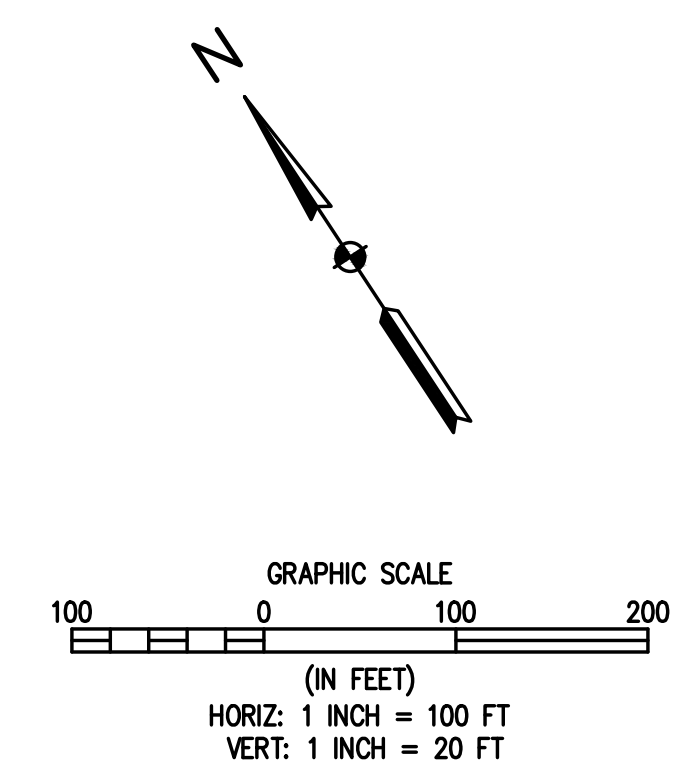
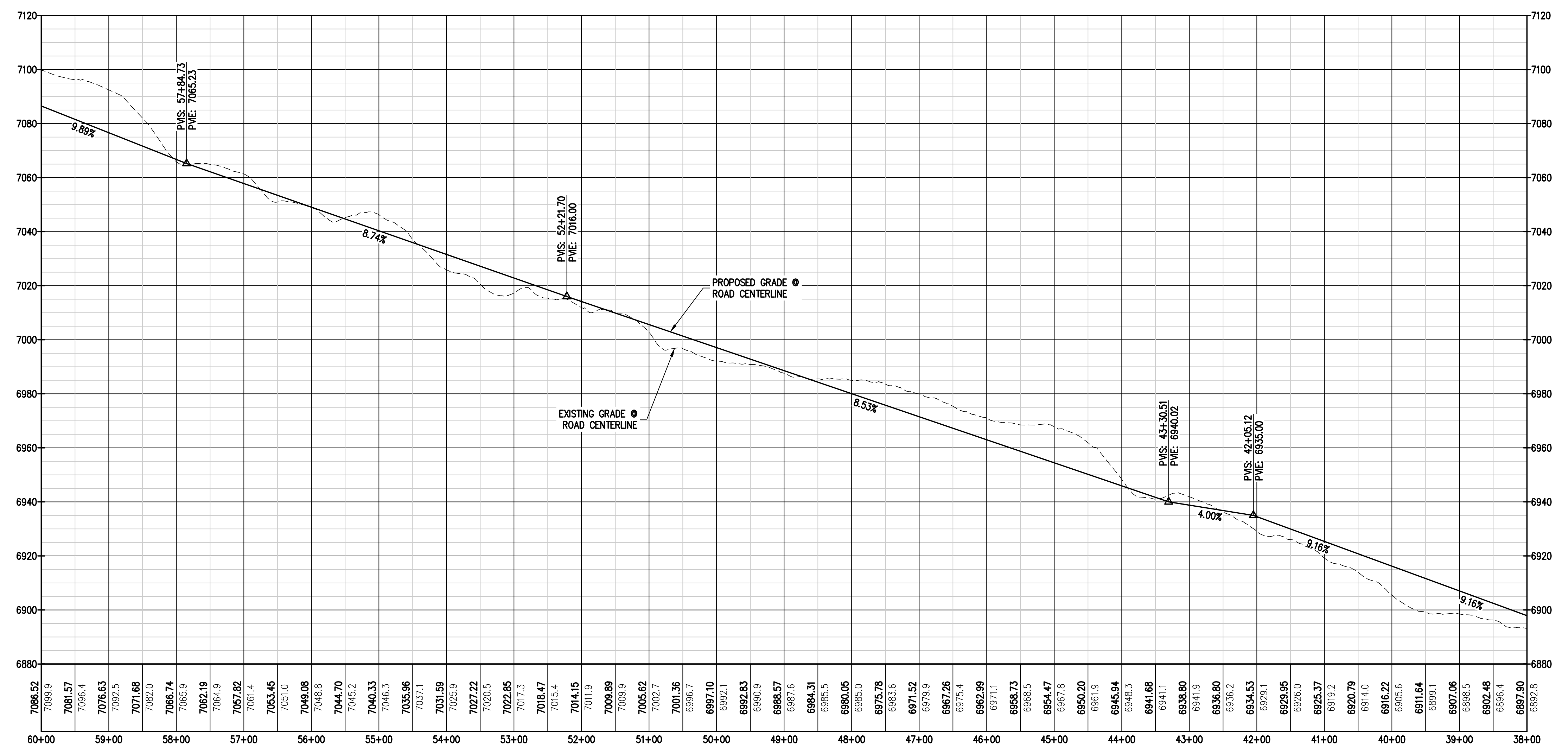
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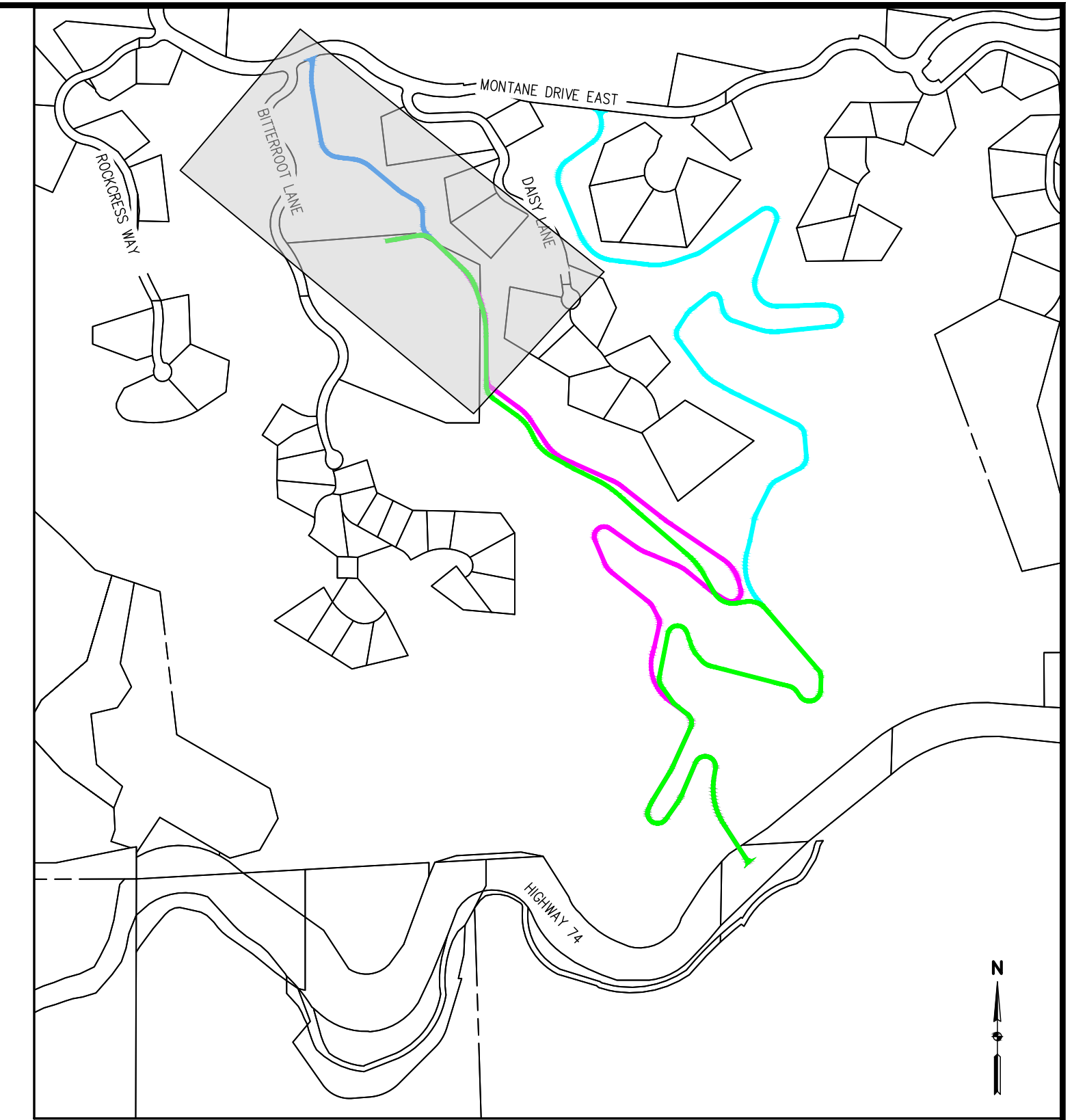
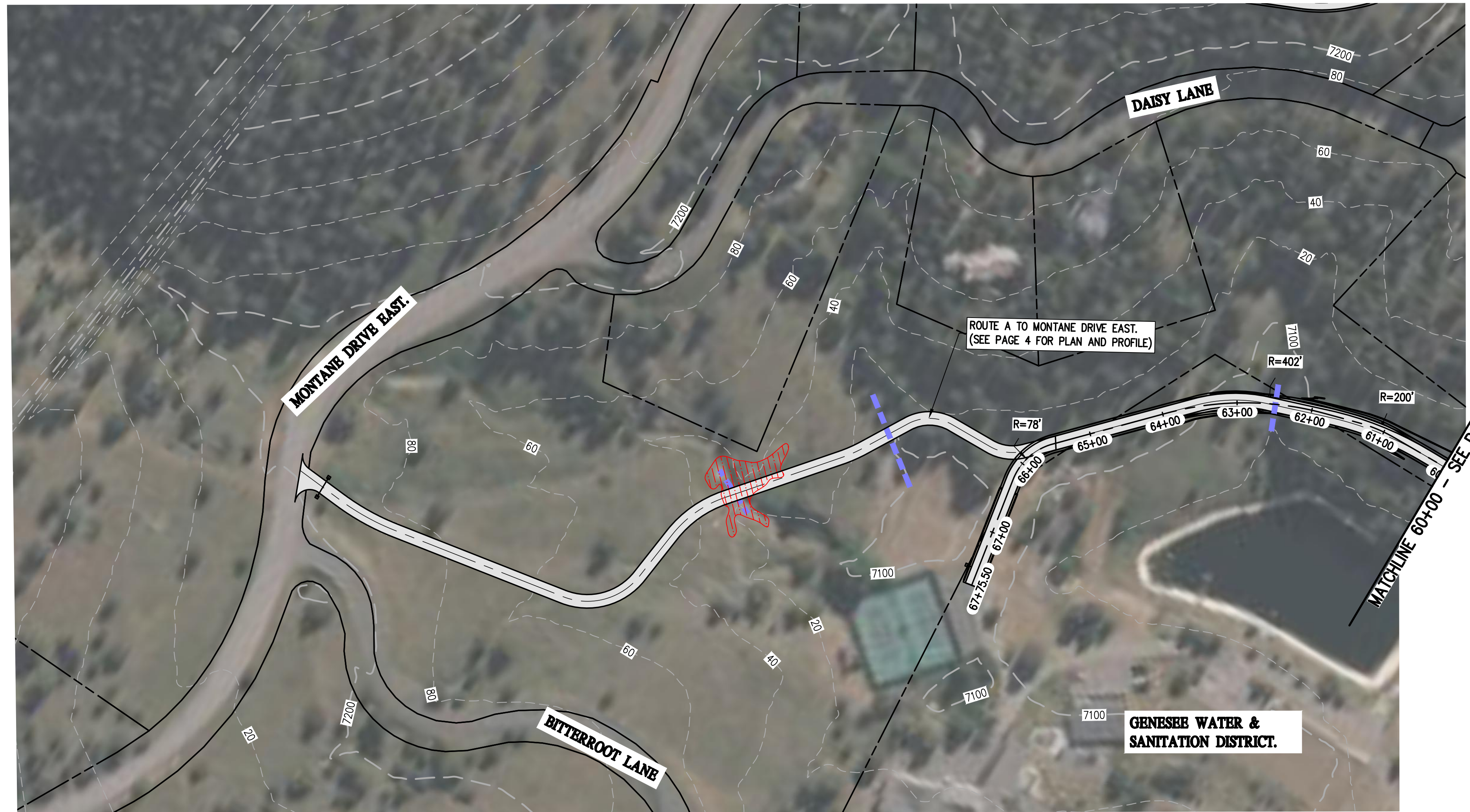
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08 08 ROUTE C PLAN AND PROFILE

KEY MAP
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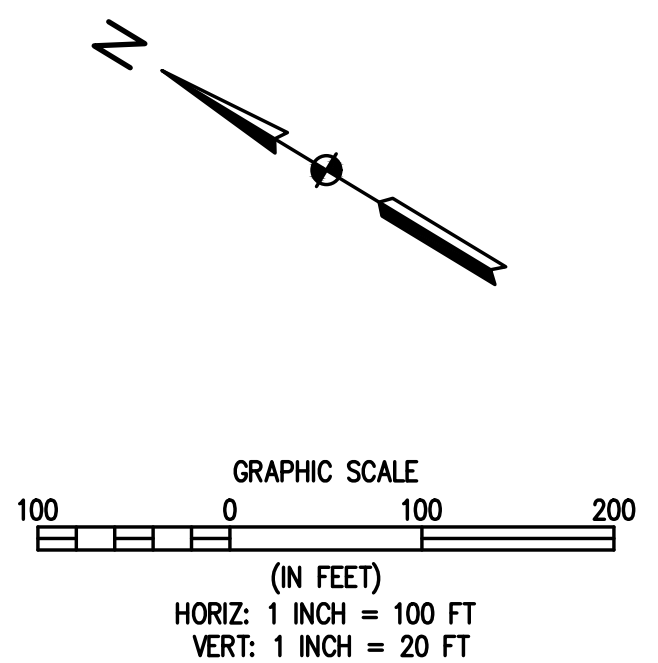
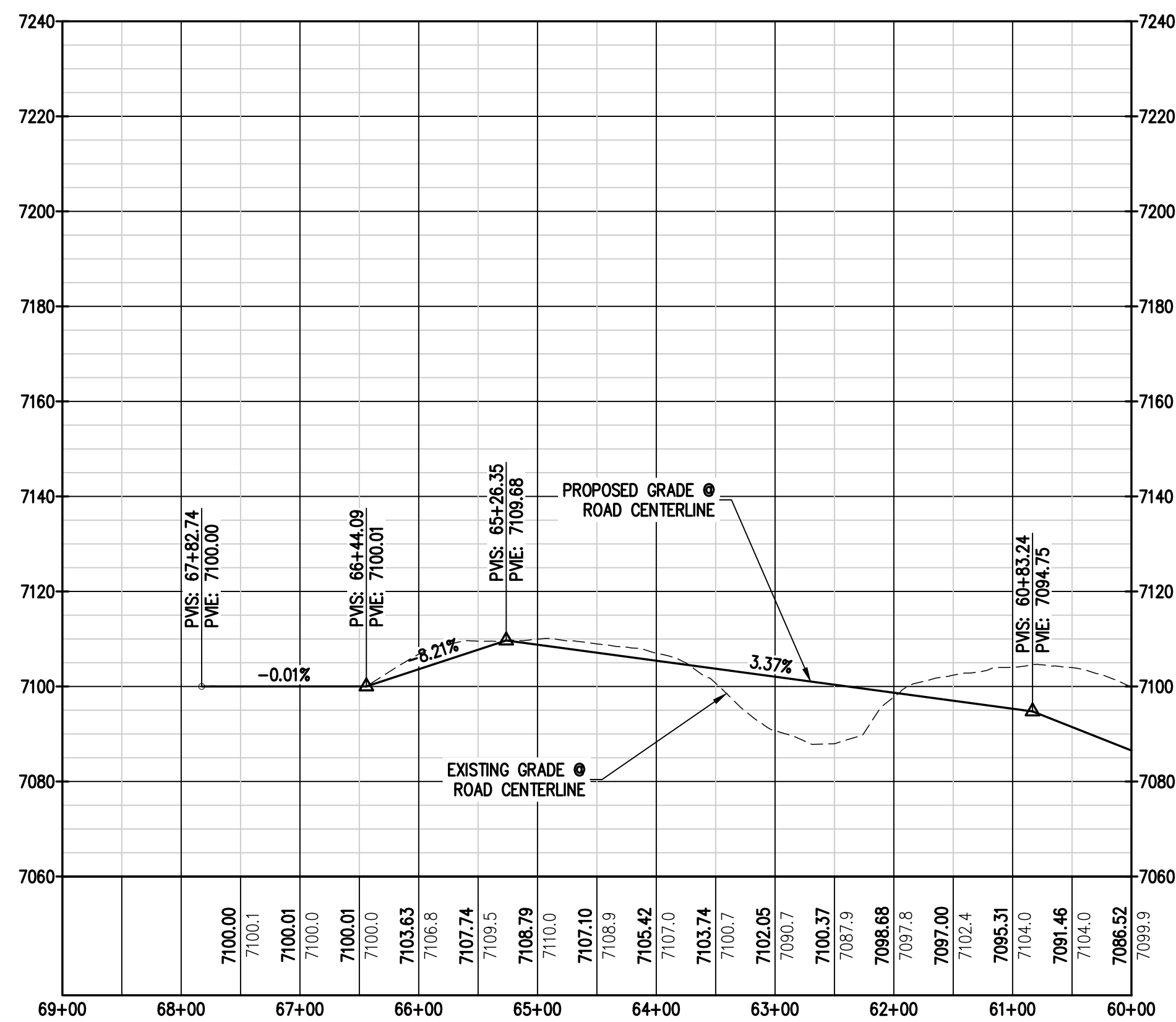
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KEY MAP
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09 | 09 ROUTE C



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