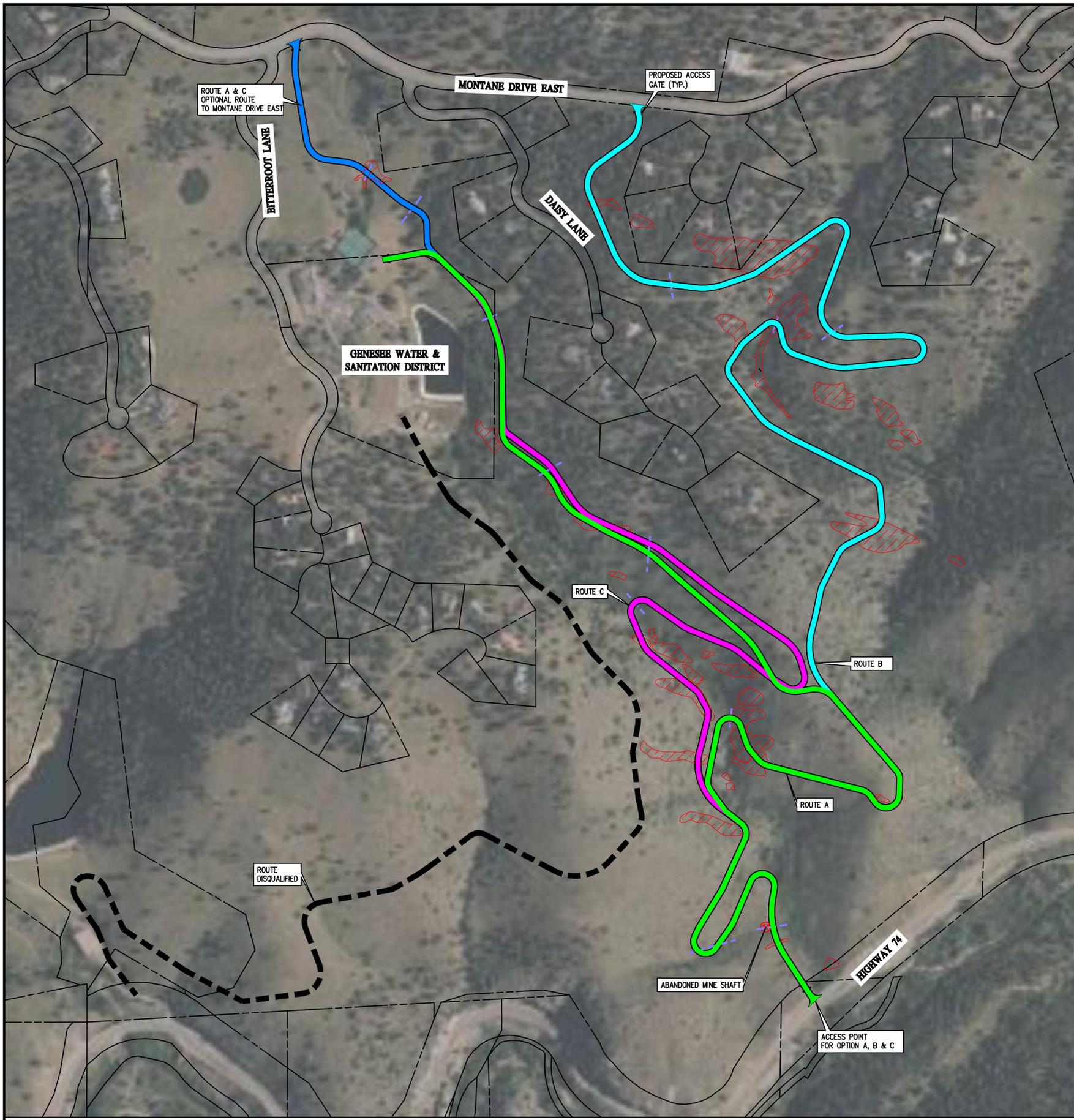


SOUTHERN EMERGENCY ACCESS ROAD FEASIBILITY STUDY GENESEE FOUNDATION

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

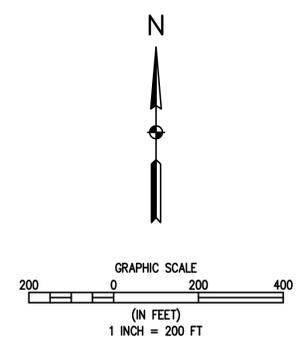
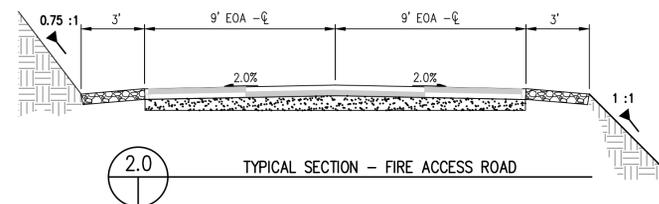
OPTION C: AREA OF DISTURBANCE = 9.9 ACRES
GRADING EARTHWORK SUMMARY

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

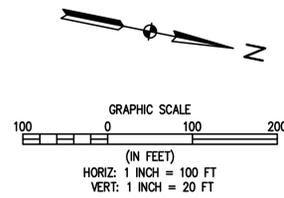
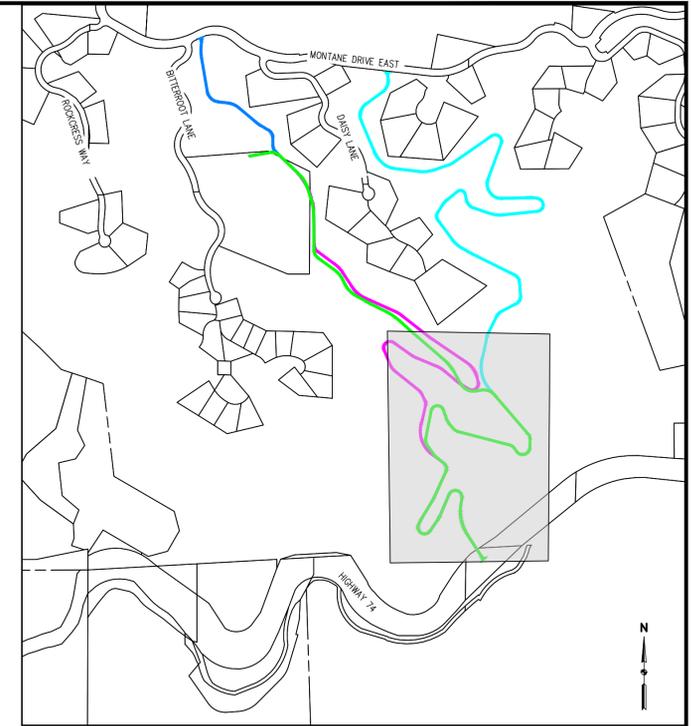
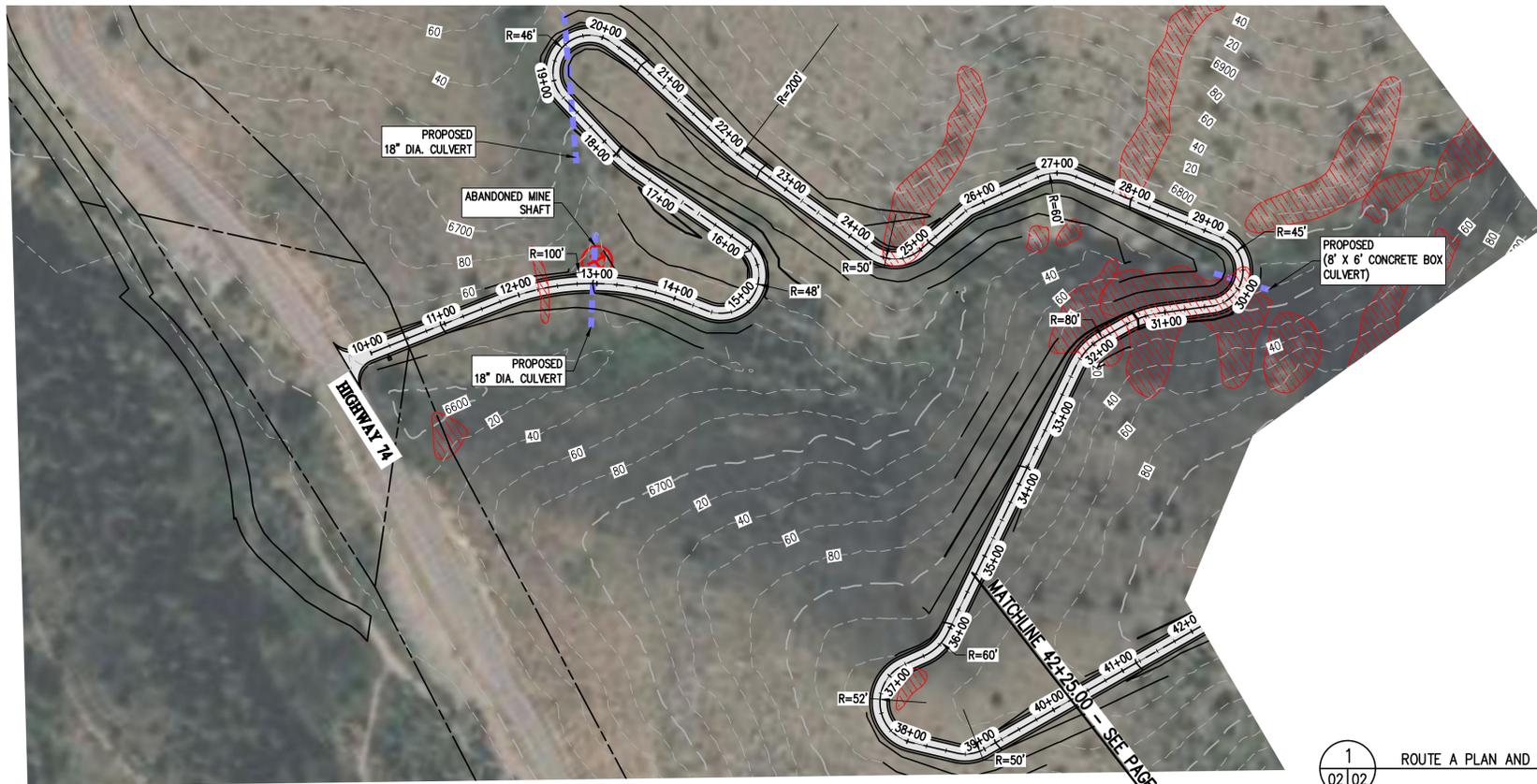
FILL = + 4,236 YD³
(CUT) = - 849 YD³
NET (FILL) = + 1,126 YD³

*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.



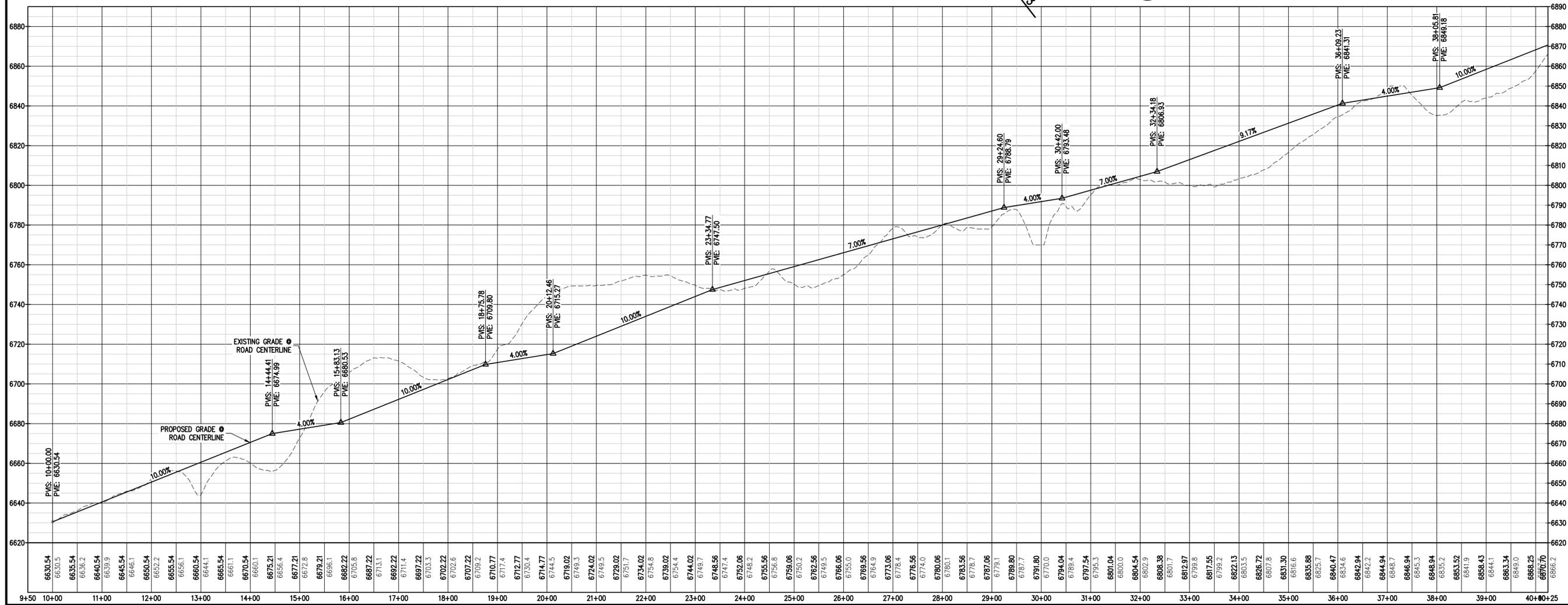
BASELINE
Engineering · Planning · Surveying
112 N RUBEY DRIVE, SUITE 210 • GOLDEN, COLORADO 80403
P. 303.940.9966 • F. 303.940.9959 • www.baselinecorp.com

N:_co3499a_GeneSee Foundation_EAR\Drawings\Construction Documents\3-27-2023\Overall Site Plan 2.dwg, 4/5/2023 9:16:26 AM, Ryan Schultz

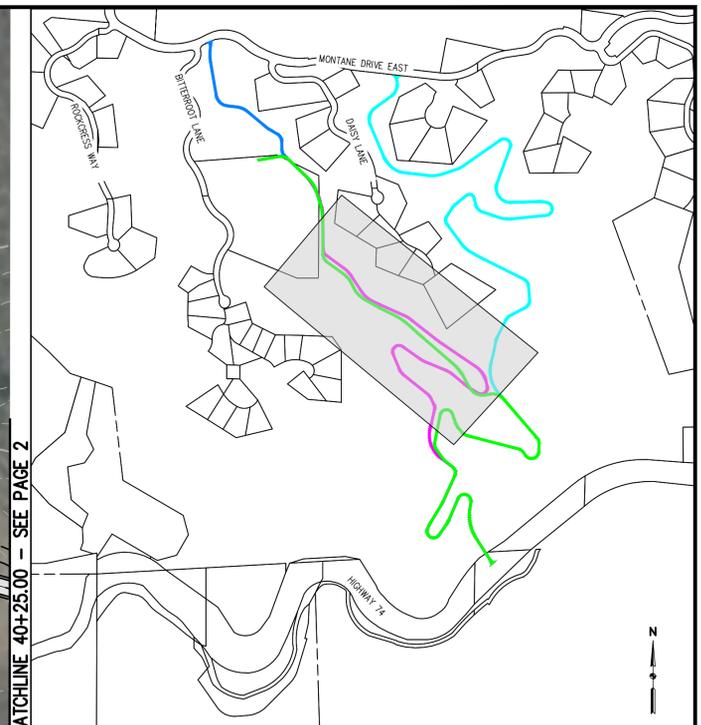
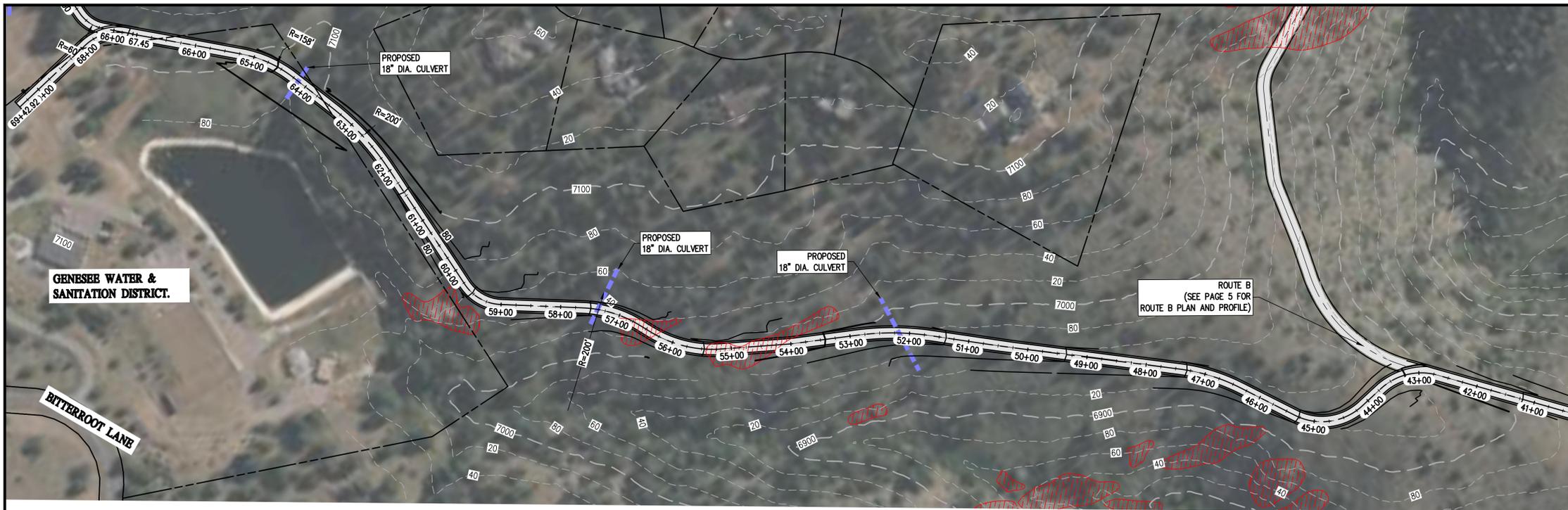


1
02/02 ROUTE A PLAN AND PROFILE

KEY MAP
1"=600'



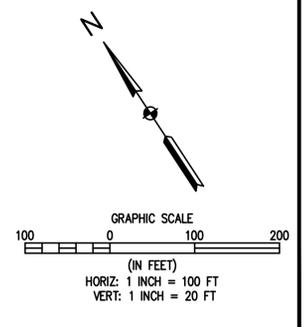
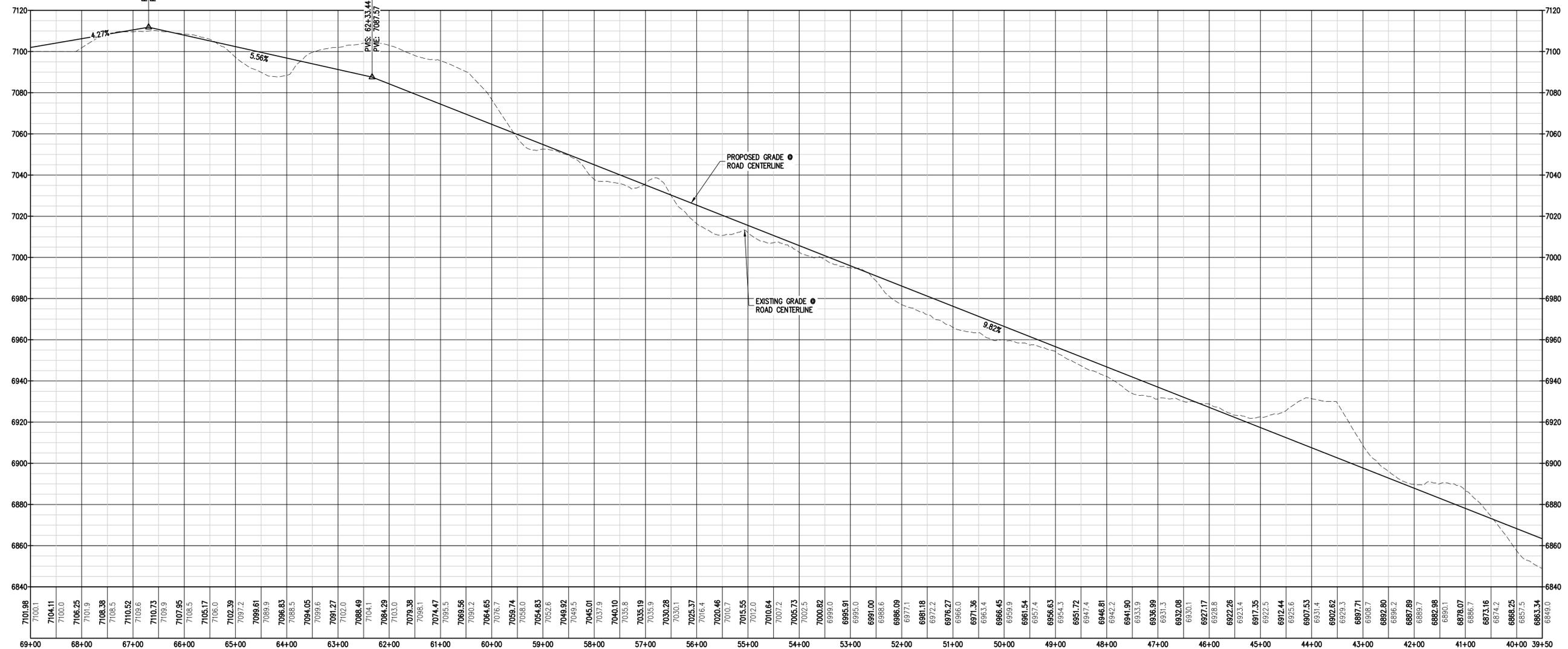
N:\co3499a\Genesee Foundation\Drawings\Construction\Concept A.dwg, 4/5/2023 9:16:39 AM, Ryan Schultz

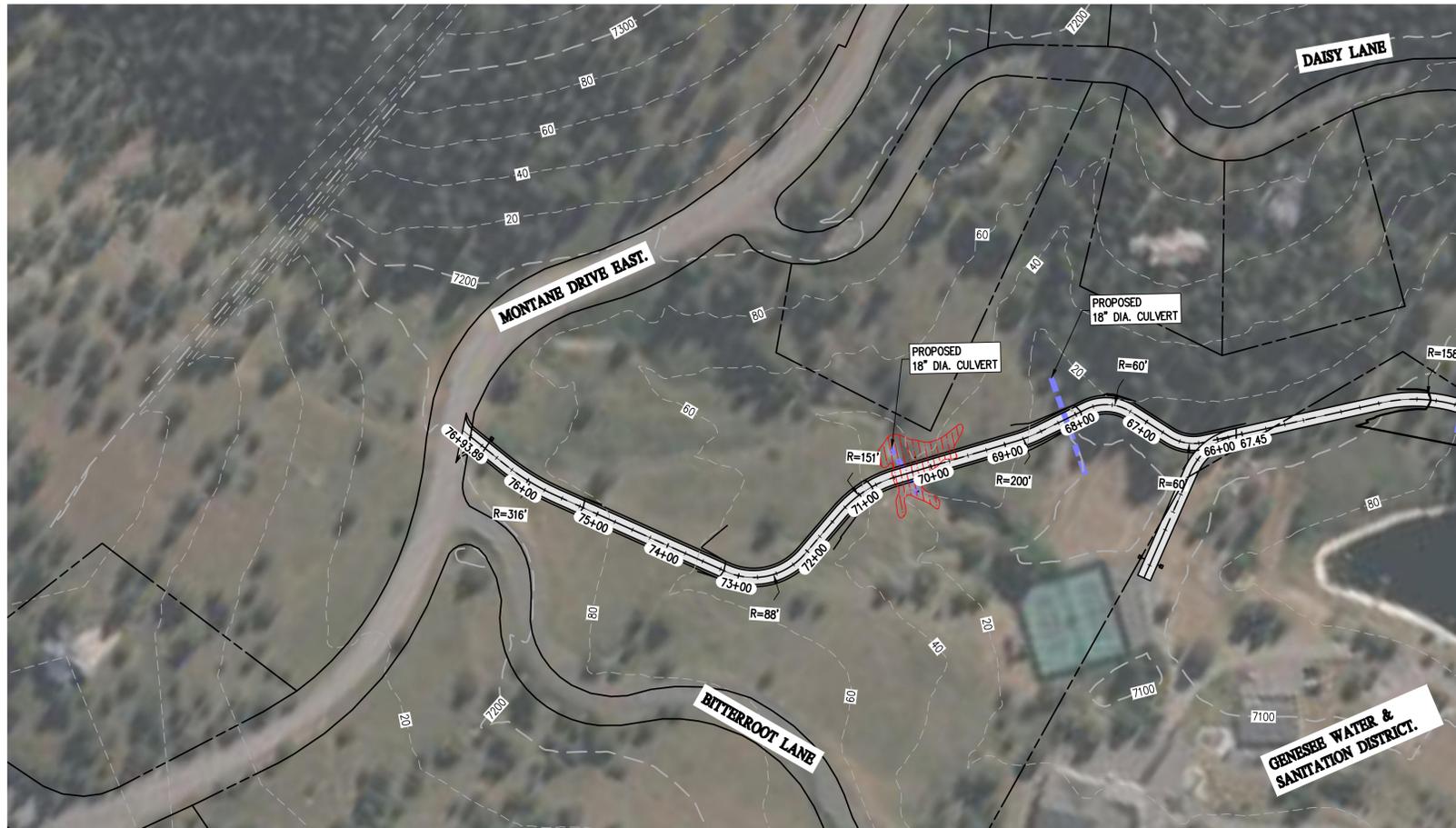


MATCHLINE 40+25.00 - SEE PAGE 2

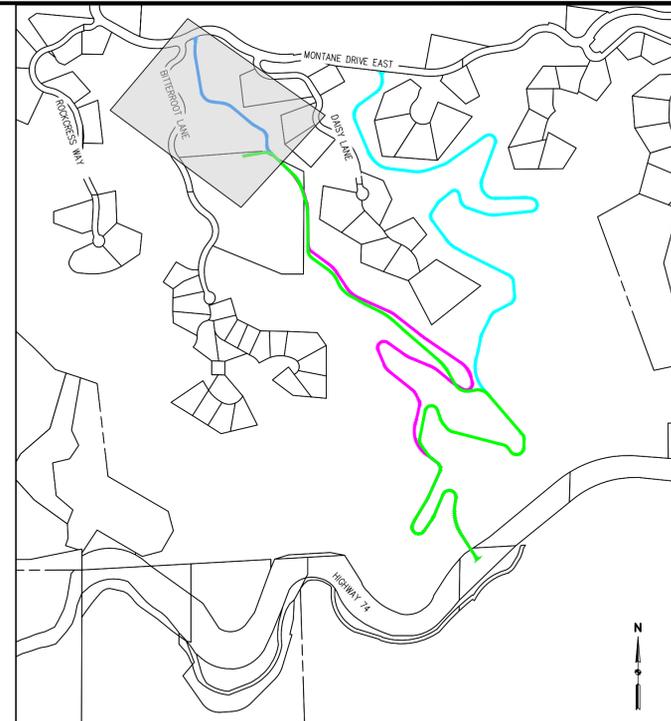
1
03 03 ROUTE A PLAN AND PROFILE

KEY MAP
1" = 600'



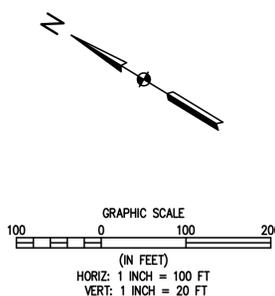
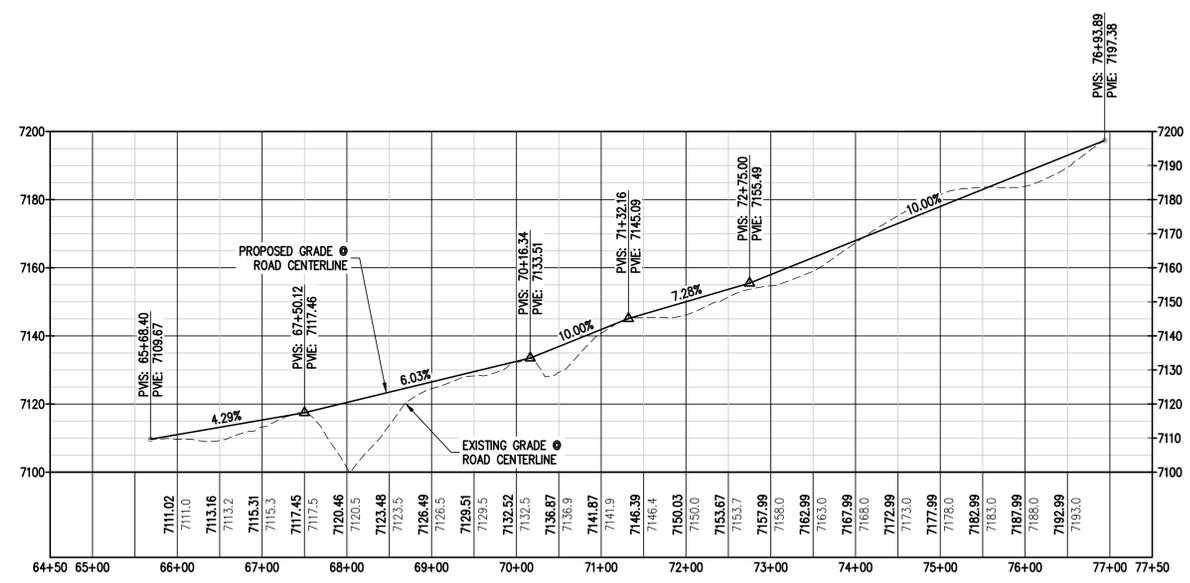


ROUTE A - SEE SHEET 2 & 3



KEY MAP
1" = 600'

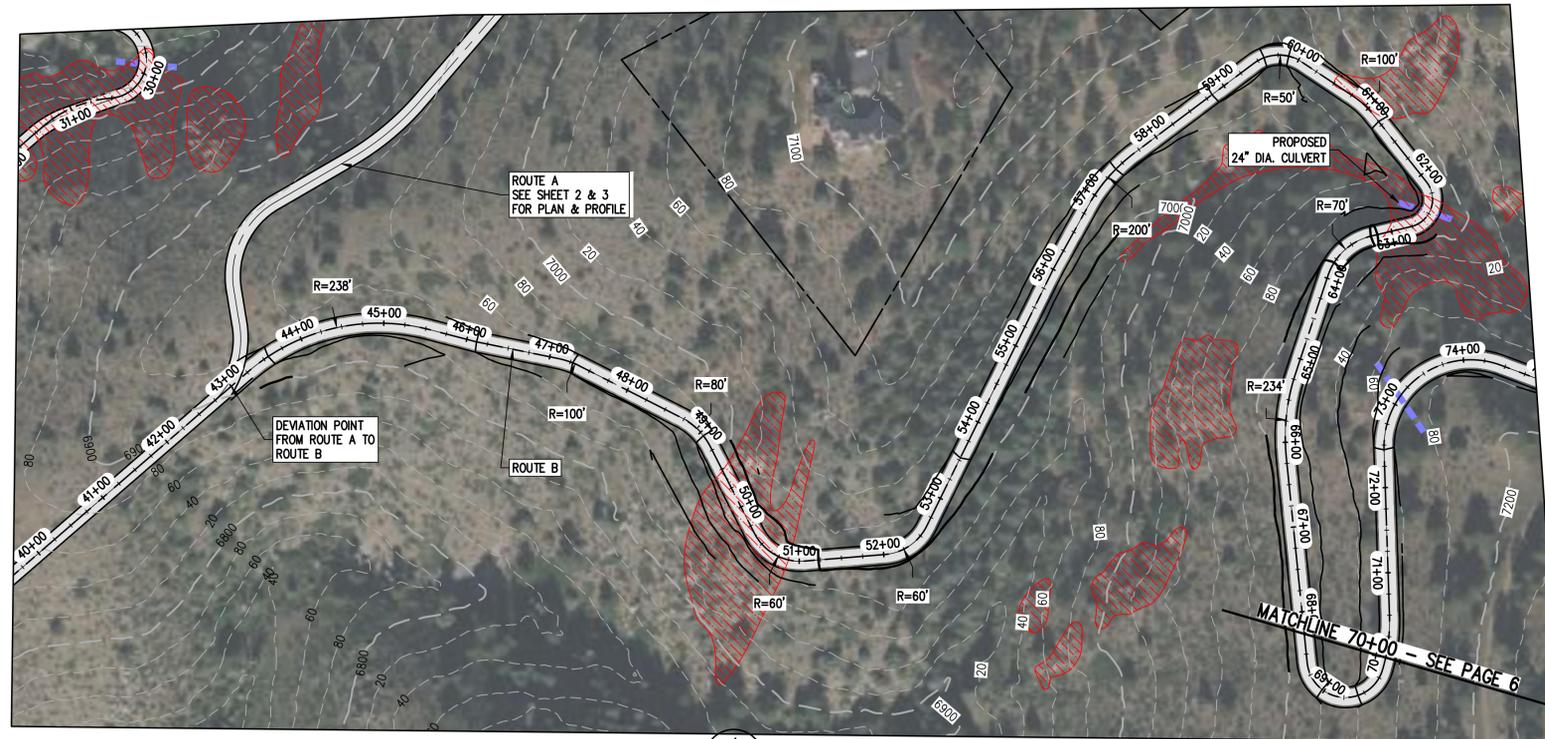
1
04 | 04 ROUTE A TO MONTANE



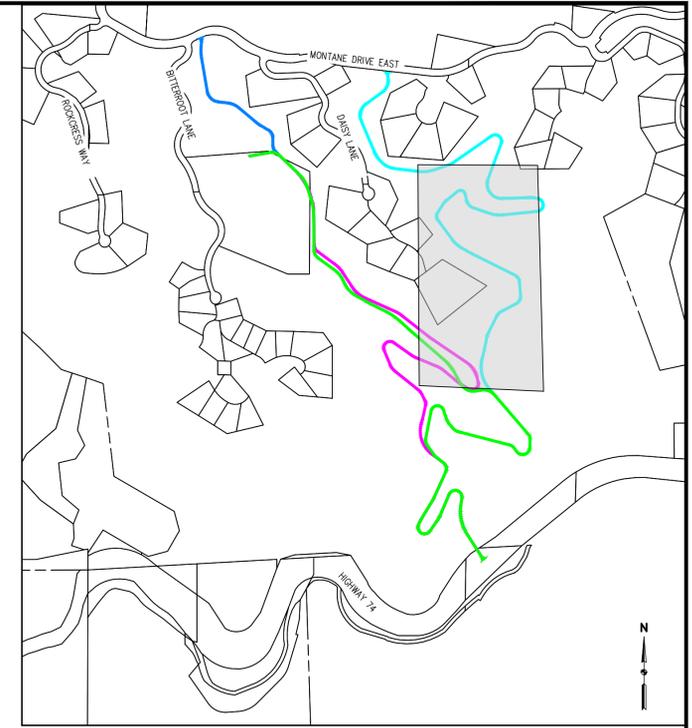
BASELINE
Engineering · Planning · Surveying

112 N RUBEY DRIVE, SUITE 210 • GOLDEN, COLORADO 80403
P. 303.940.9966 • F. 303.940.9959 • www.baselinecorp.com

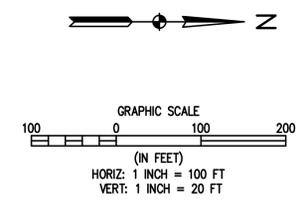
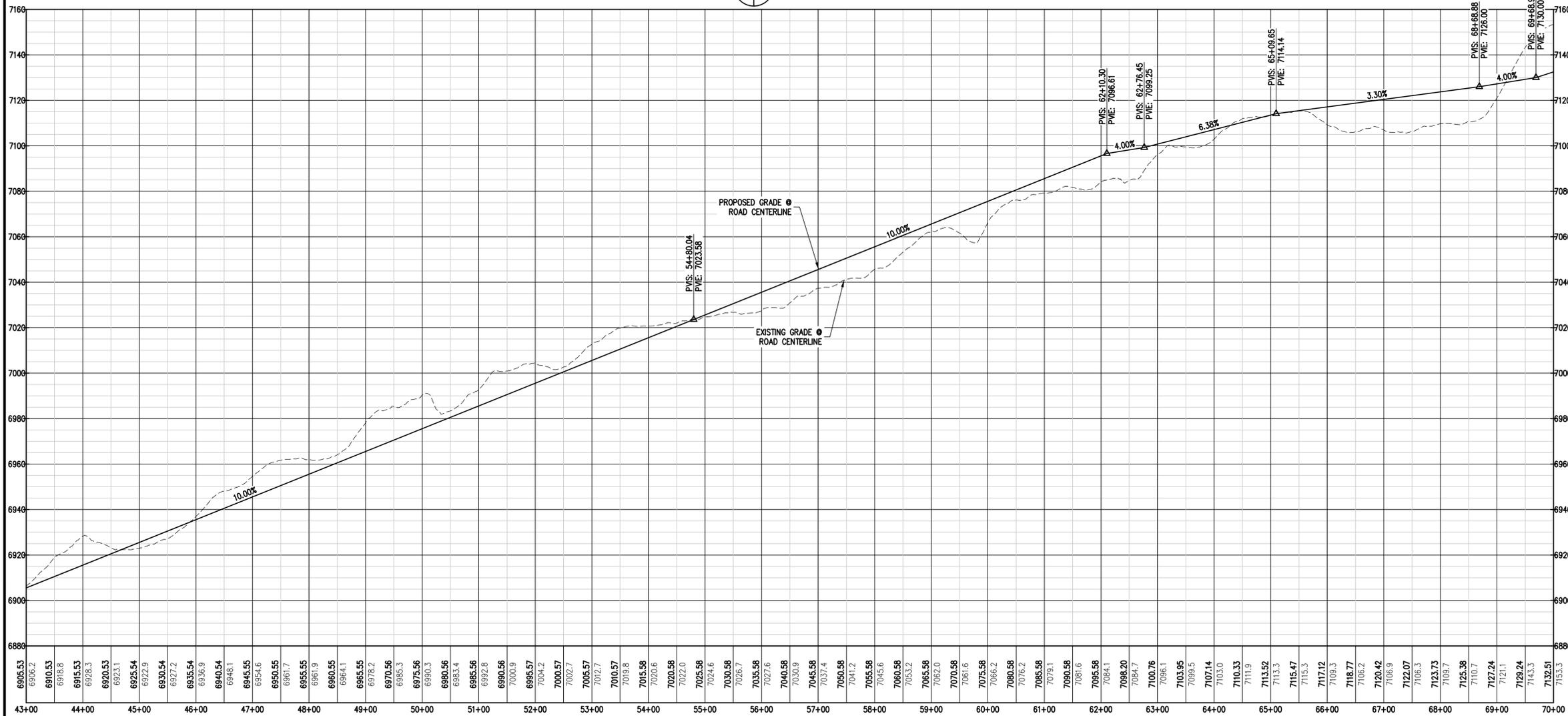
N:\co3499a_Geneseee_Foundation_EAR\Drawings\Construction Documents\3-27-2023\3499a_Concept_A.dwg, 4/5/2023 9:16:40 AM, Ryan Schultz



1
05 05 ROUTE B PLAN AND PROFILE

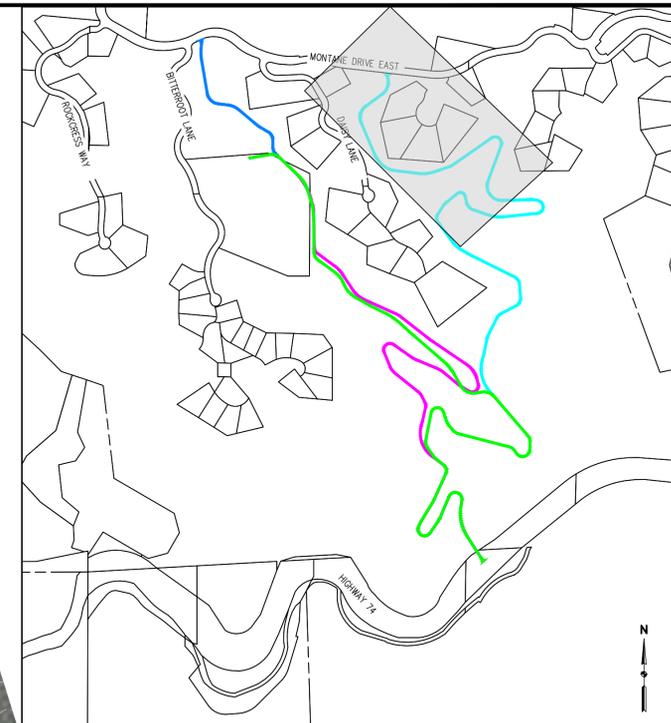
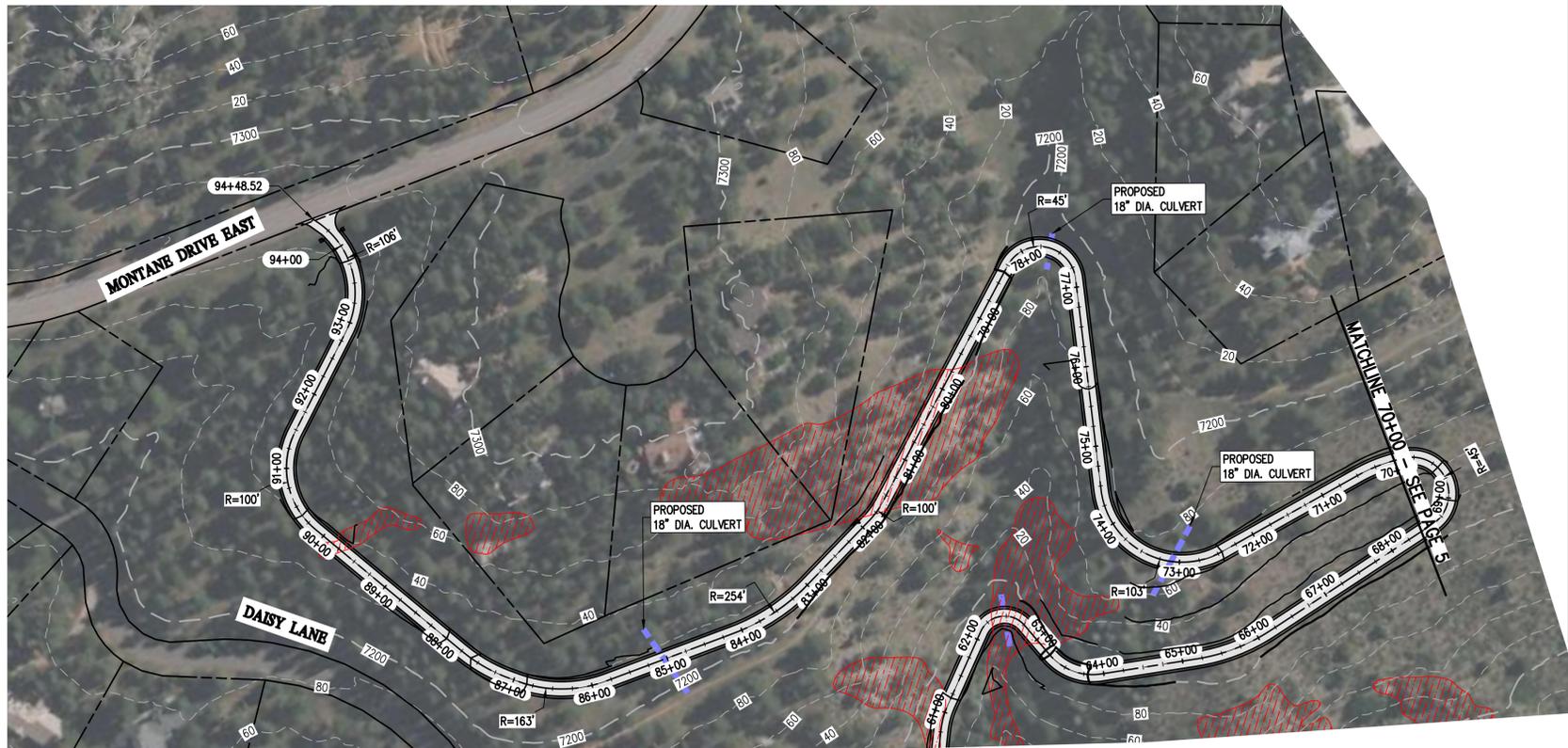


KEY MAP
1"=600'



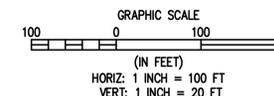
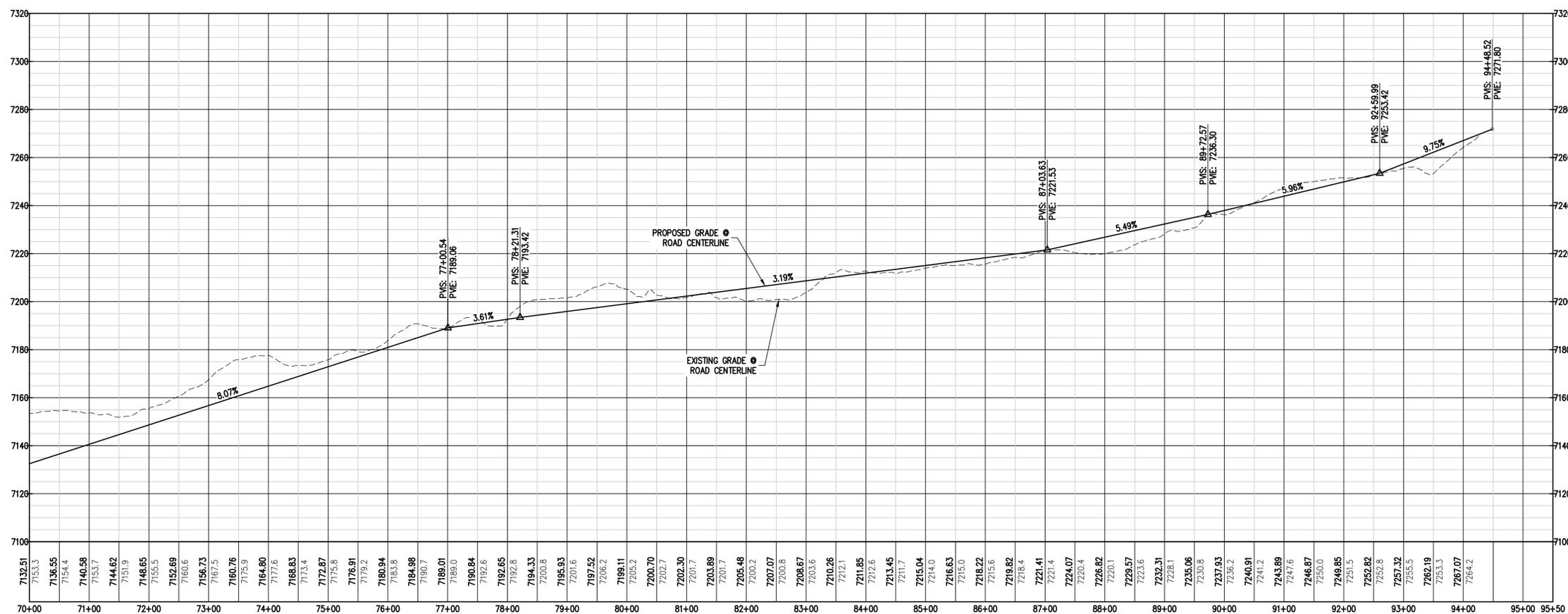
BASELINE
Engineering · Planning · Surveying
112 N RUBEY DRIVE, SUITE 210 • GOLDEN, COLORADO 80403
P. 303.940.9966 • F. 303.940.9959 • www.baselinecorp.com

N:\co3499a\Genesee Foundation\Drawings\Construction\Options B.dwg, 4/5/2023 9:16:43 AM, Ryan Schultz

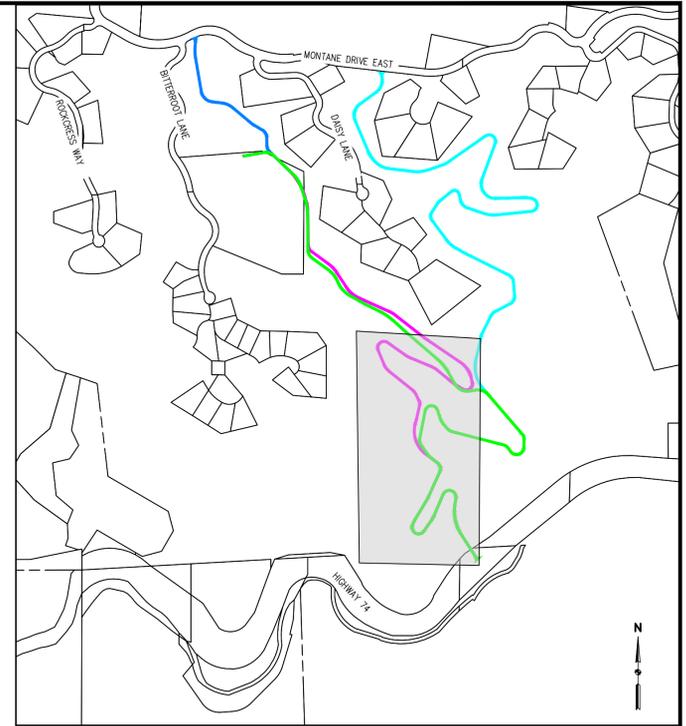
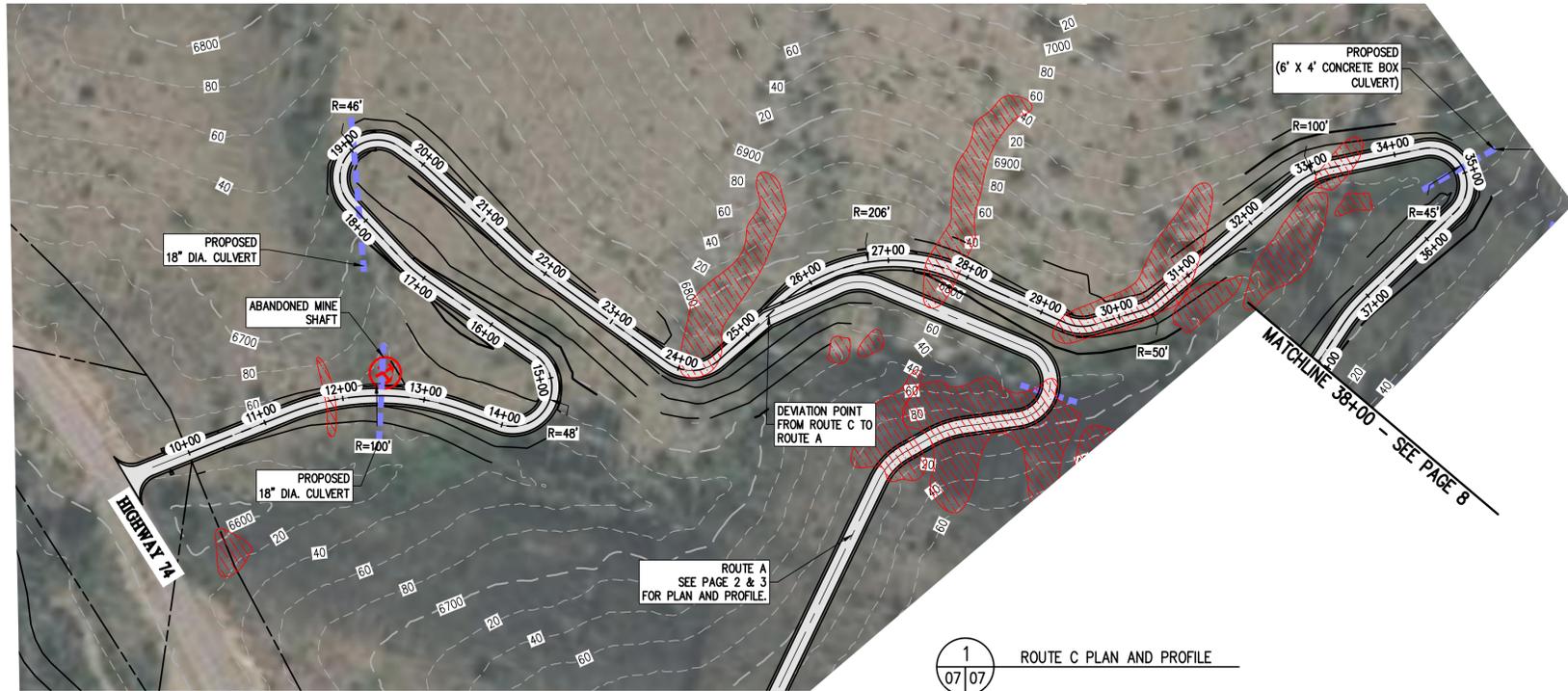


KEY MAP
1"=600'

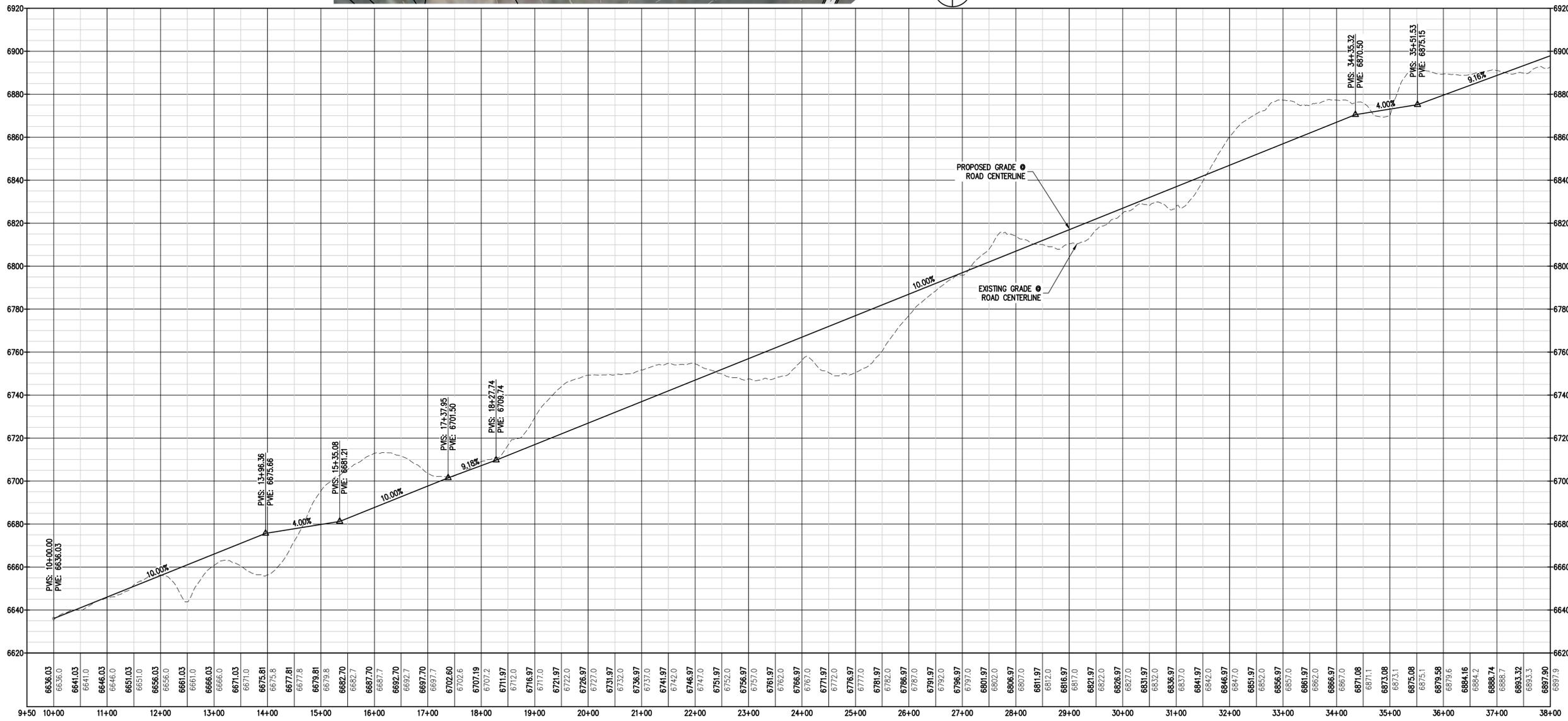
1
06 06 ROUTE B PLAN AND PROFILE



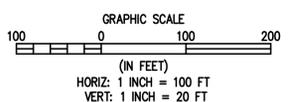
BASELINE
Engineering · Planning · Surveying
112 N RUBEY DRIVE, SUITE 210 • GOLDEN, COLORADO 80403
P. 303.940.9966 • F. 303.940.9959 • www.baselinerecorp.com



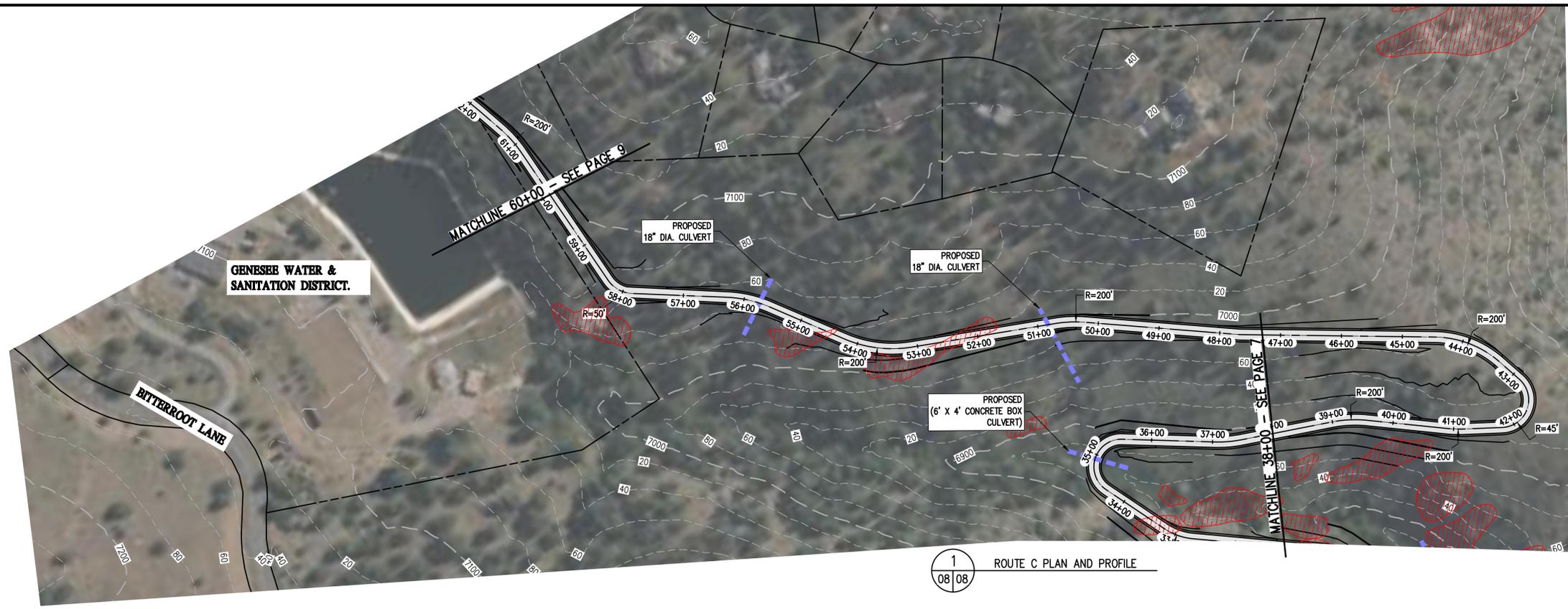
1
07 07 ROUTE C PLAN AND PROFILE



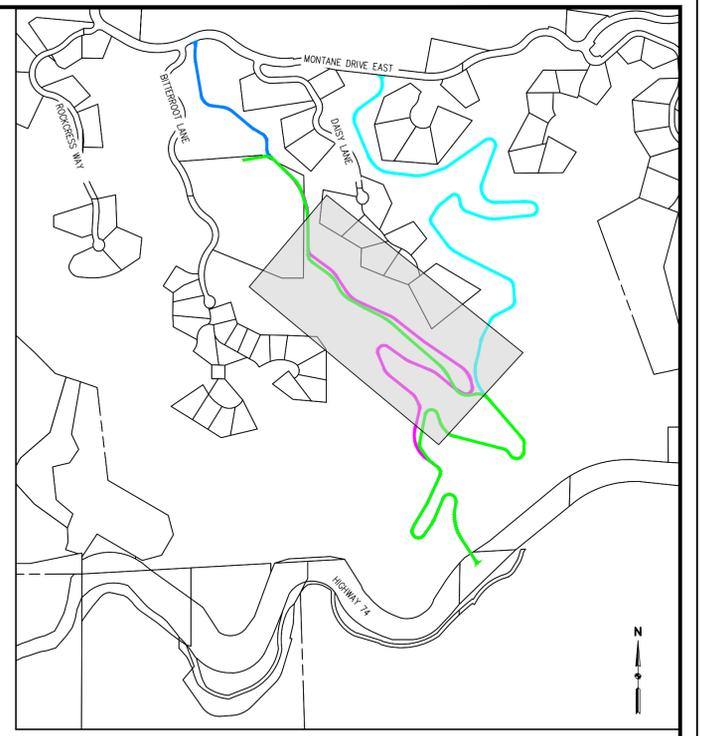
KEY MAP
1" = 600'



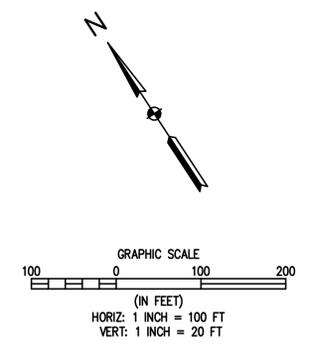
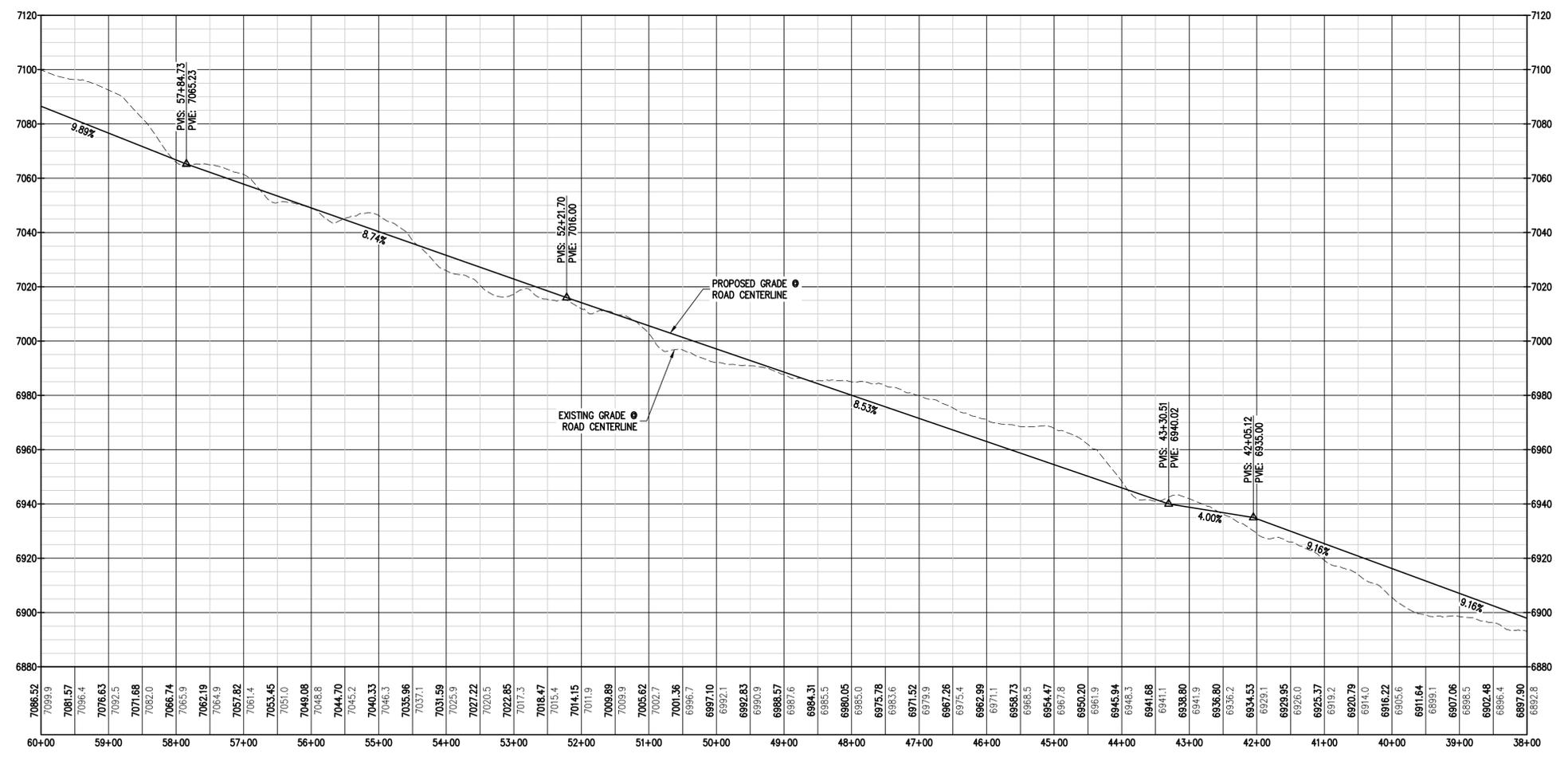
112 N RUBEY DRIVE SUITE 210 • GOLDEN COLORADO 80403
P. 303.940.8966 • F. 303.940.9859 • www.baselinecorp.com



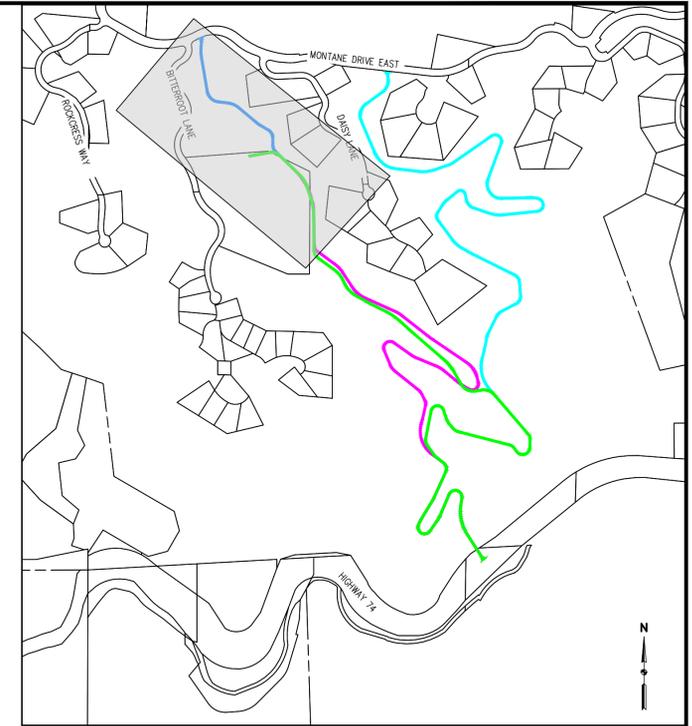
1
08 08 ROUTE C PLAN AND PROFILE



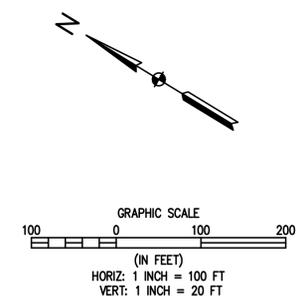
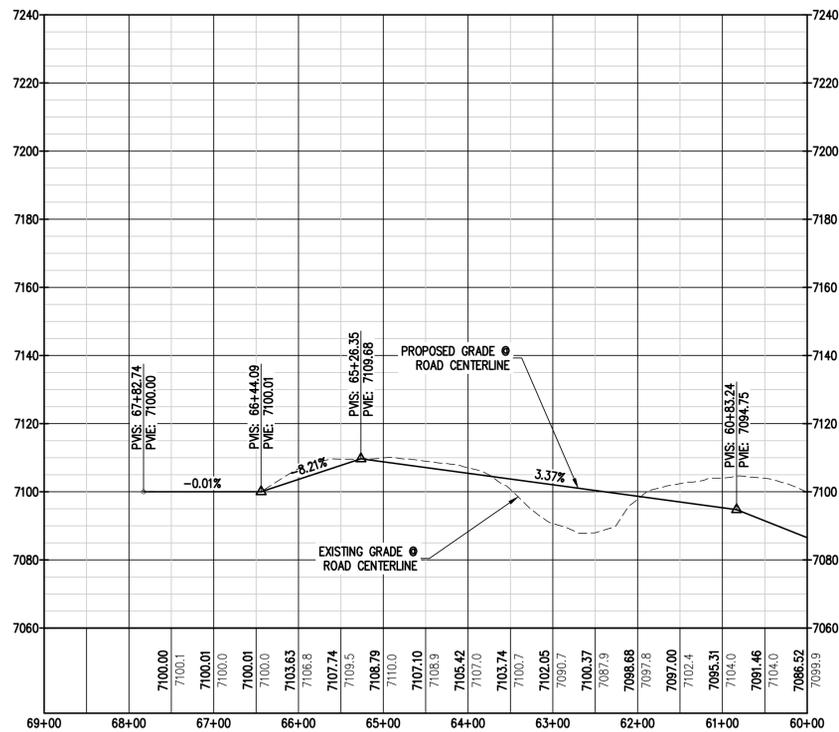
KEY MAP
1"=600'



BASELINE
Engineering · Planning · Surveying
112 N RUBEY DRIVE, SUITE 210 • GOLDEN, COLORADO 80403
P. 303.940.9966 • F. 303.940.9959 • www.baselinecorp.com



1
09 | 09 ROUTE C



BASELINE
Engineering · Planning · Surveying

112 N RUBEY DRIVE, SUITE 210 • GOLDEN, COLORADO 80403
P. 303.940.9966 • F. 303.940.9959 • www.baselinecorp.com

N:\co3499a\Genesee Foundation\Drawings\Construction Documents\3-27-2023\3499a Concept C.dwg, 4/5/2023 9:16:56 AM, Ryan Schultz