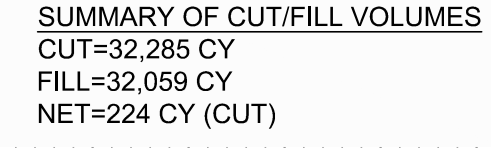
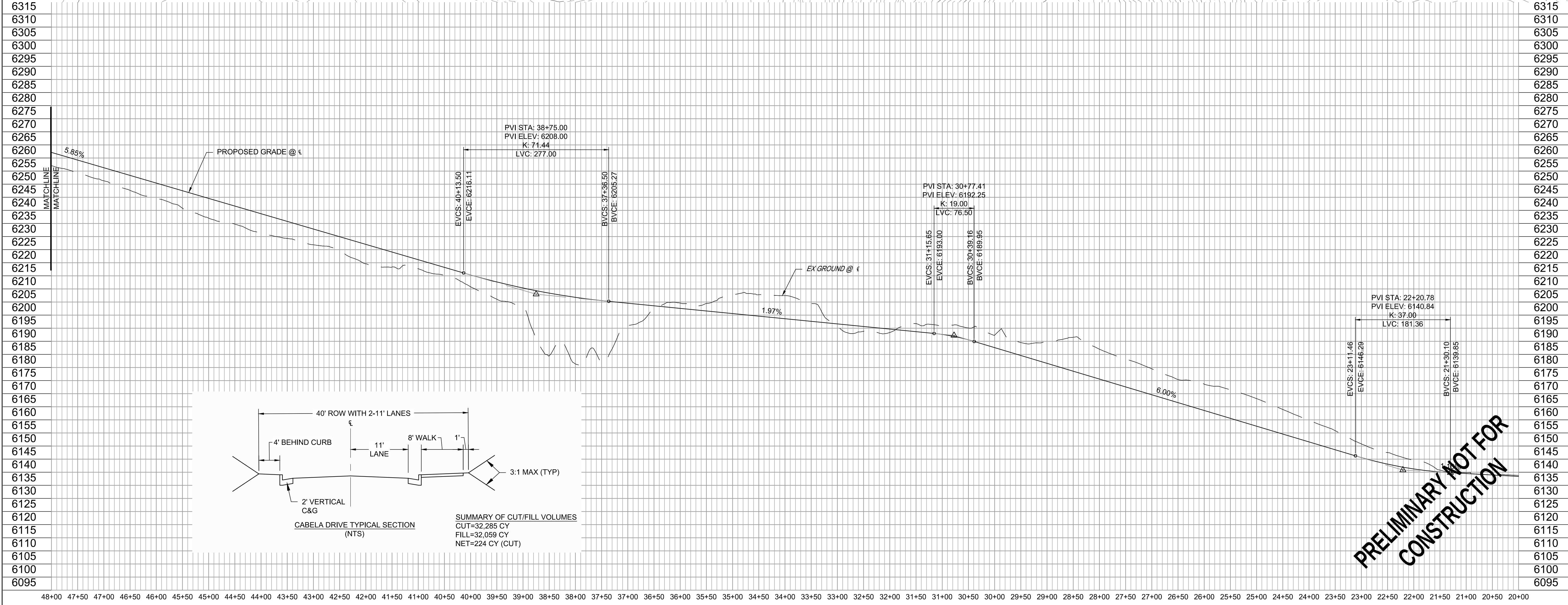


Option not selected -

- Original alignment prepared for the City 8 years ago. The general alignment was used; however, current collector road criteria was applied for both horizontal and vertical curves.

-



PRELIMINARY NOT FOR CONSTRUCTION

REVISIONS:					
REV	REVISION DESCRIPTION	DATE	DRAWN BY	CHECKED BY	APPROVED BY

DESIGN BY:	
DRAWN BY:	
CHECKED BY:	
APPROVED BY:	

CABELA DRIVE	PLAN & PROFILE
--------------	----------------

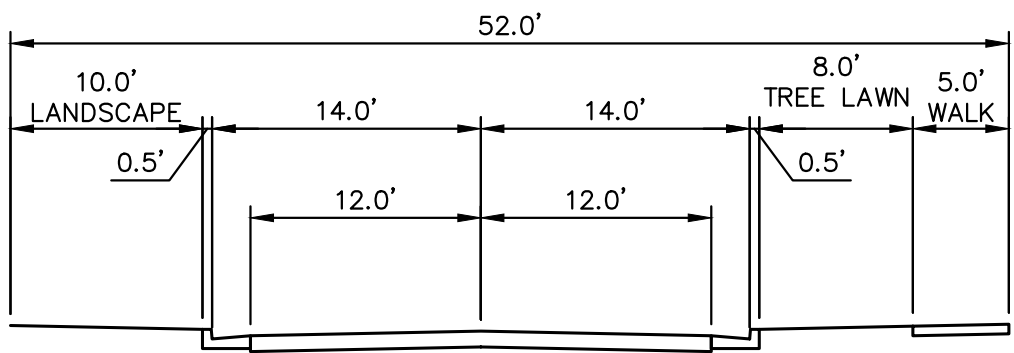
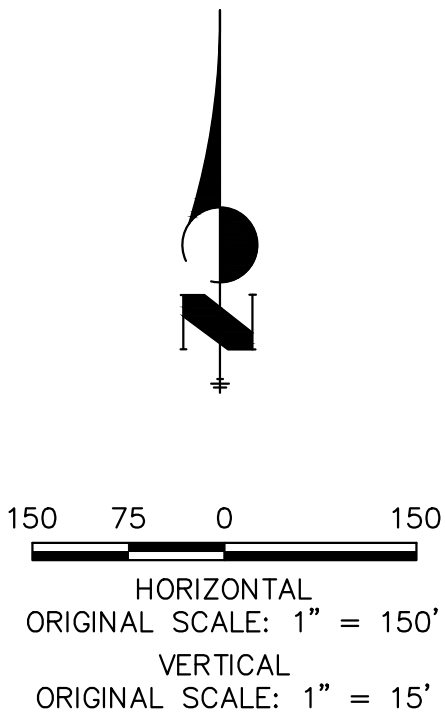
JOB NO: _____

DATE: 5/30/17

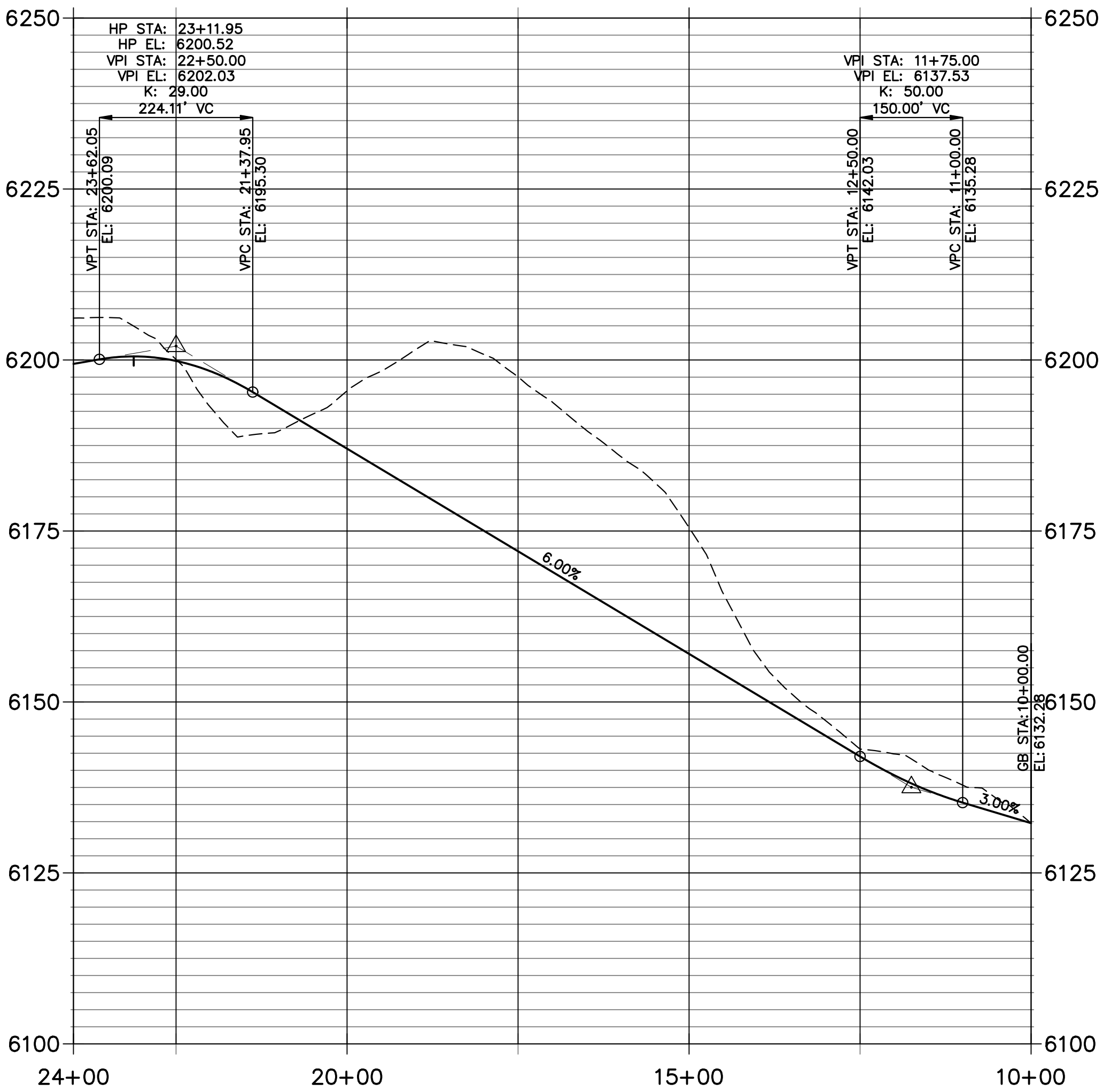
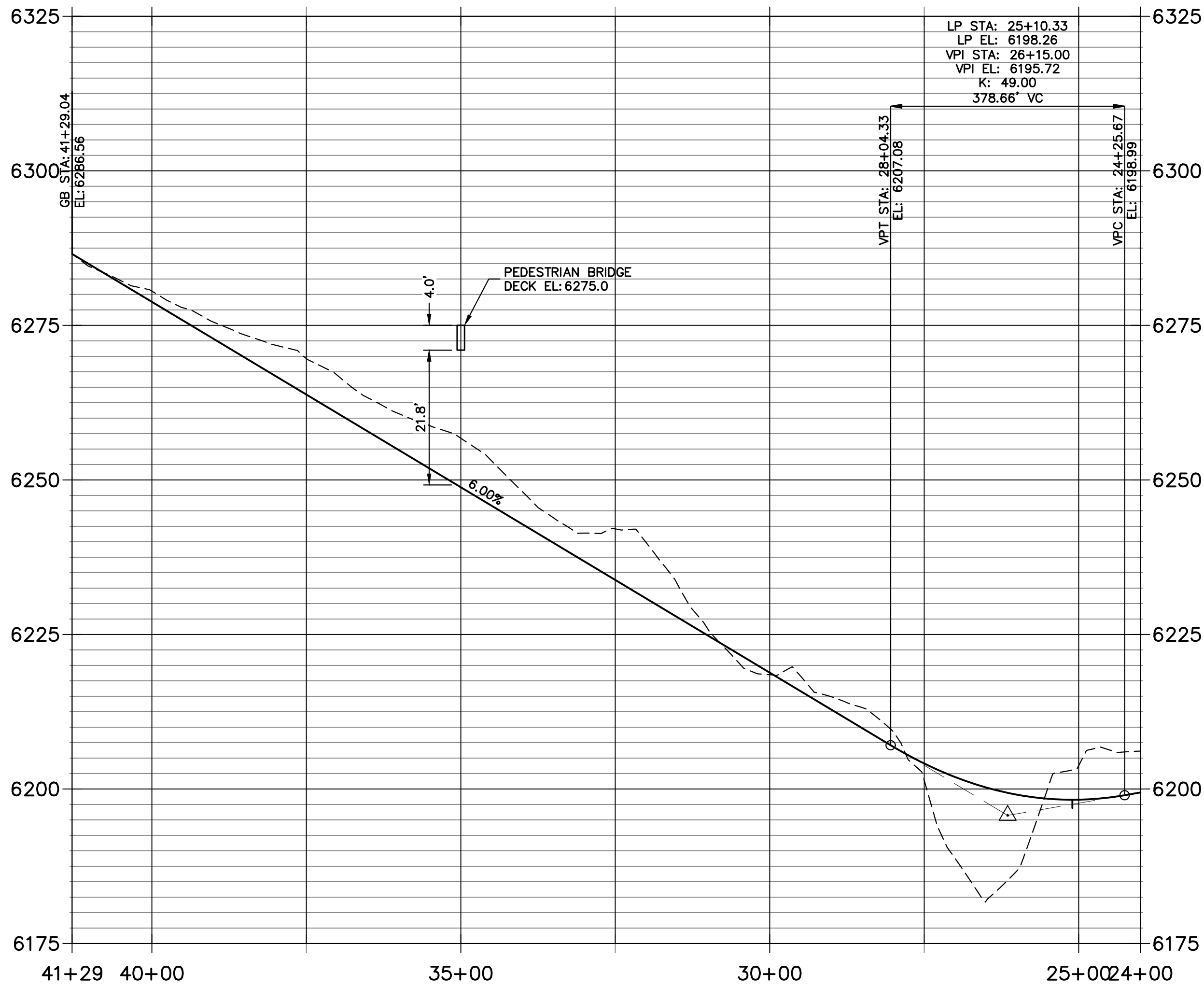
SHEET: 1 OF 1

Option not selected -

- Grading extents too intrusive with no retaining walls.



TYPICAL SECTION
SCALE: 1" = 10'



Earthwork Volume	
Base Surface	1595012eg-google
Comparison Surface	Alternative A
Cut volume (unadjusted)	229,266 Cu. Yd.
Fill volume (unadjusted)	14,141 Cu. Yd.
Net volume (unadjusted)	215,125 Cu. Yd.<Cut>

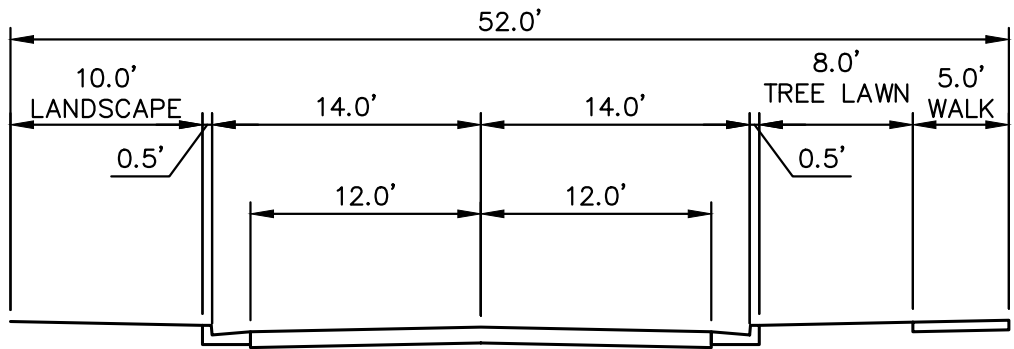
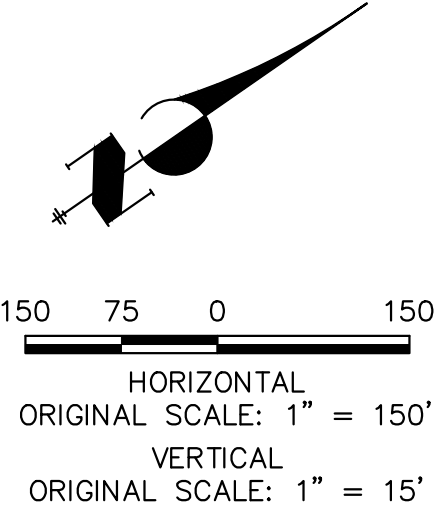


Know what's **below**.
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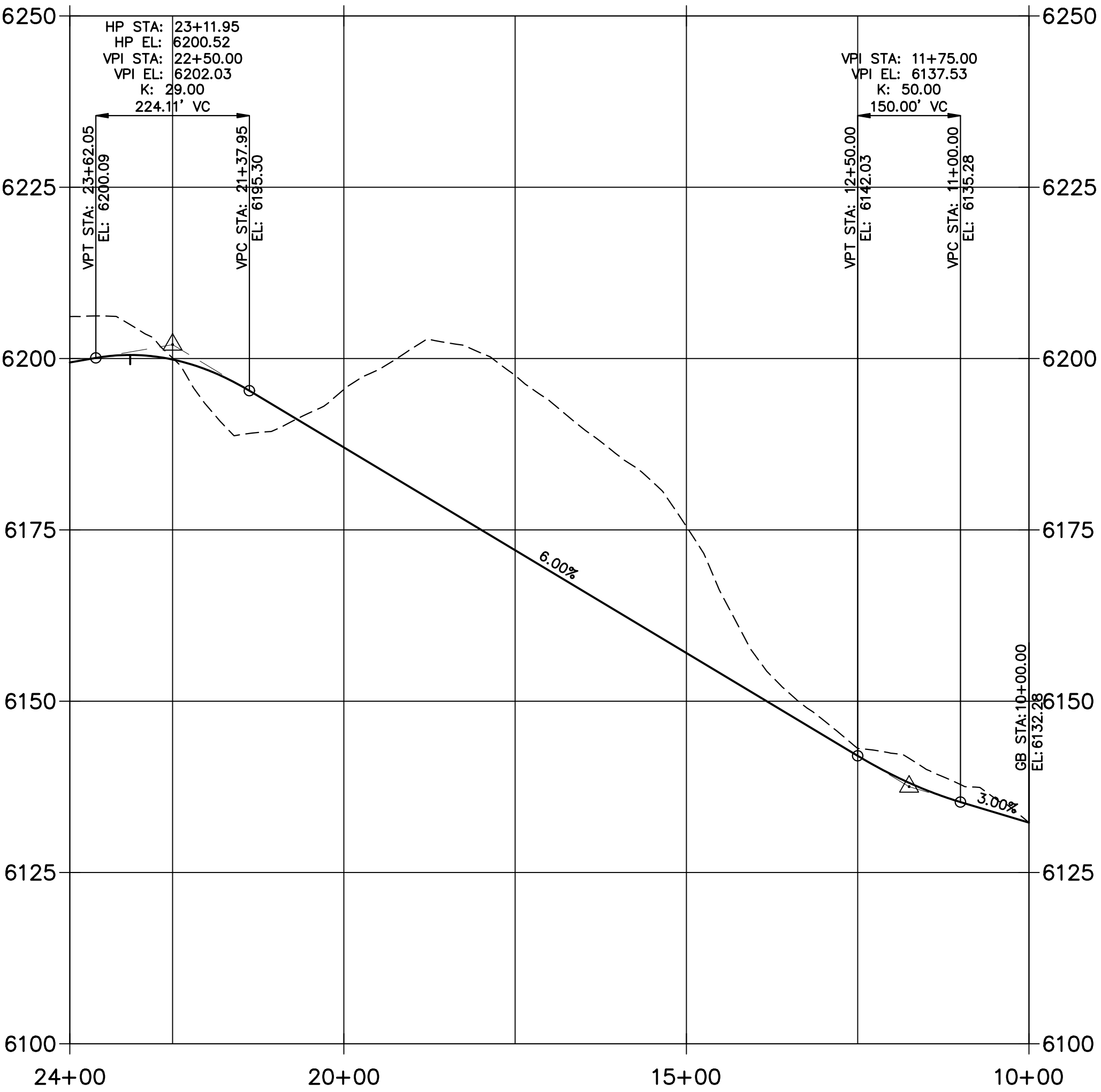
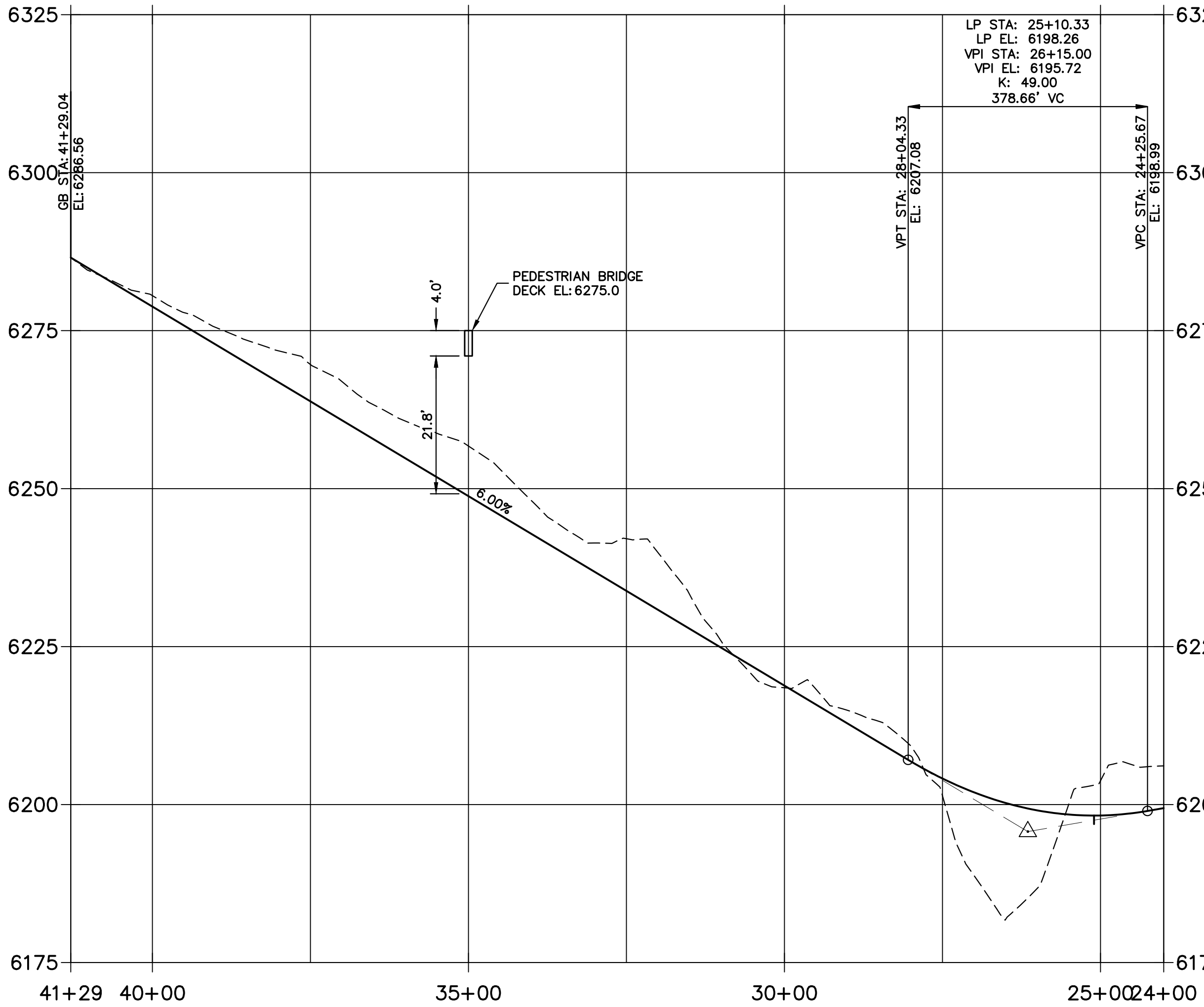
SHEET		1		OF		1	
MESA TOPS AT RIDGEGATE		ENTRANCE ROAD ALT A — W/O WALLS					
JOB NO.		15950.12					

Option not selected -

- Option included a significant amount of retaining walls. A combination of walls and slopes was ultimately chosen.



TYPICAL SECTION
SCALE: 1" = 10'



Earthwork Volume
Base Surface 1595012eg-google
Comparison Surface Alternative B
Cut volume (unadjusted) 52,954 Cu. Yd.
Fill volume (unadjusted) 12,326 Cu. Yd.
Net volume (unadjusted) 40,628 Cu. Yd.<Cut>

Wall Quantities
Wall Area 48,969 SF
Wall Area w/ top swale 56,999 SF



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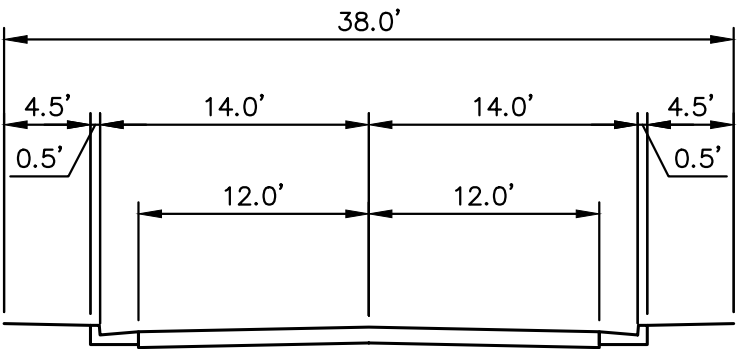
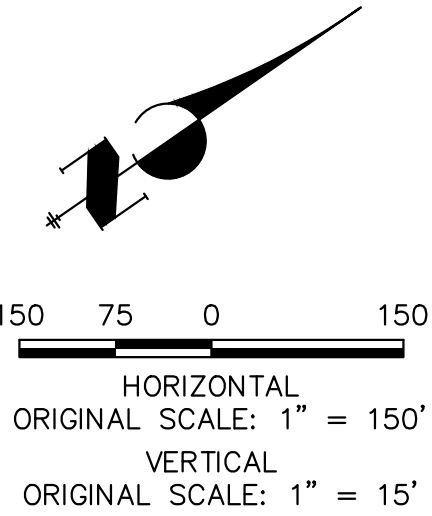
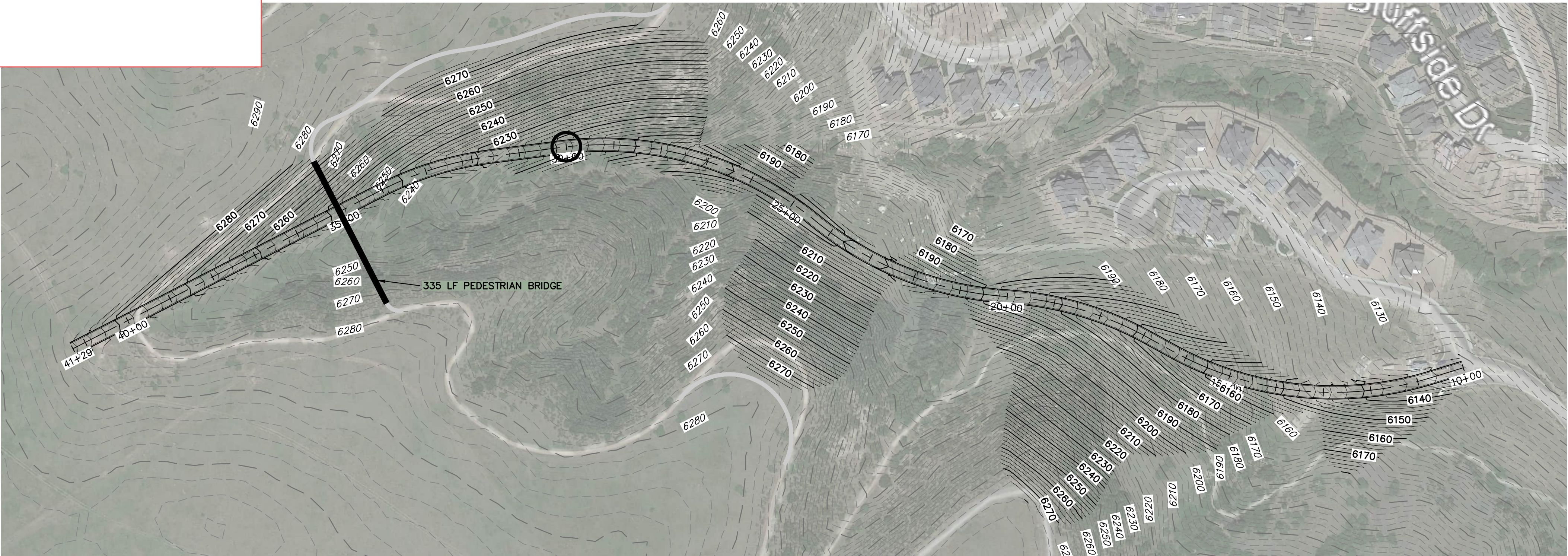
PREPARED FOR
BROOKFIELD
6465 S GREENWOOD PLAZA BLVD
SUITE 700
CENTENNIAL, CO 80112
CONTACT: CHRIS BRENNER
PHONE: 303-790-6604

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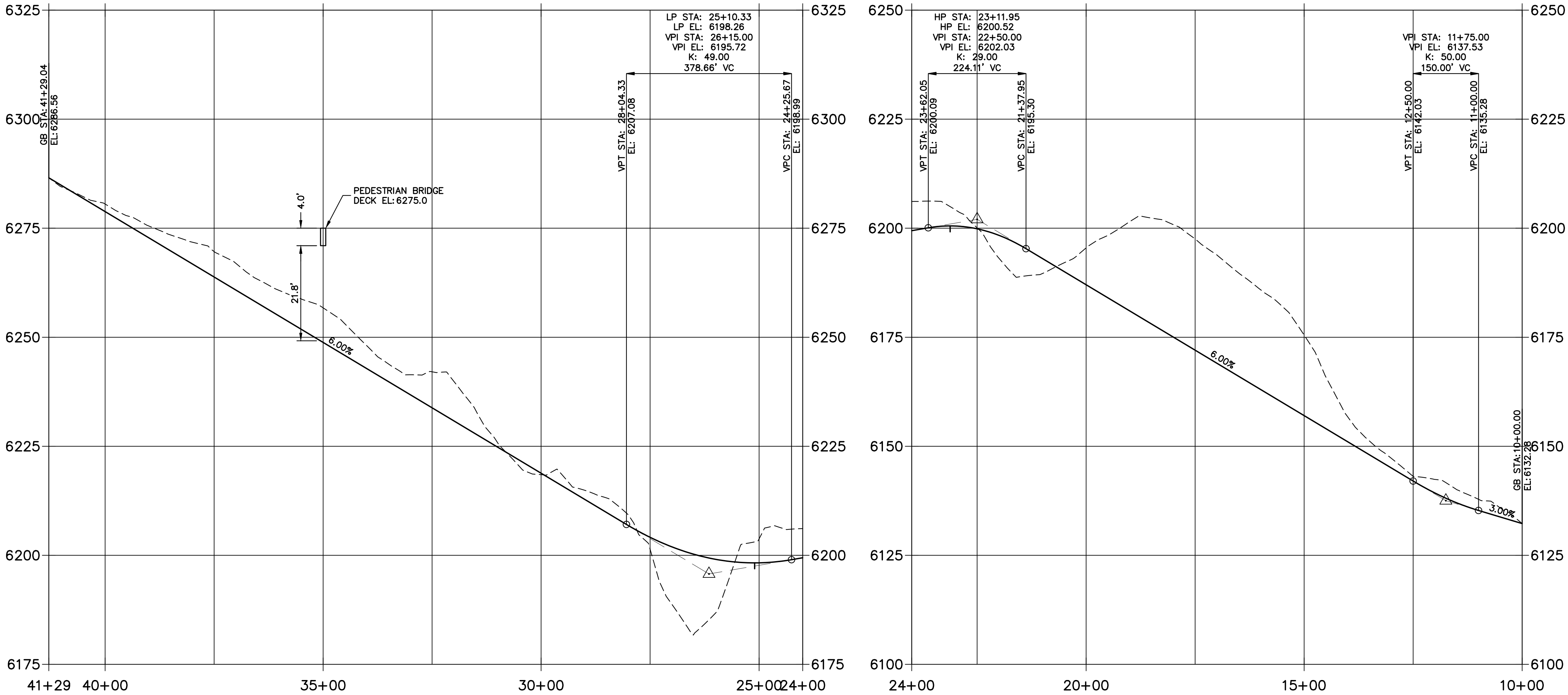
REVISION	BY	DATE
No.		
H-SCALE 1"=150'		
V-SCALE 1"=15'		
DATE 10/31/23		
DESIGNED BY JP		
DRAWN BY JP		
CHECKED BY		

MESA TOPS AT RIDGEGATE
ENTRANCE ROAD ALT B
WI WALLS

- Option not selected -
- Grading extents too intrusive with no walls.
 - Typical section does not include sidewalk.



TYPICAL SECTION
SCALE: 1" = 10'



Earthwork Volume
Base Surface 1595012eg-google
Comparison Surface Alternative B
Cut volume (unadjusted) 203,028 Cu. Yd.
Fill volume (unadjusted) 11,130 Cu. Yd.
Net volume (unadjusted) 191,898 Cu. Yd.<Cut>



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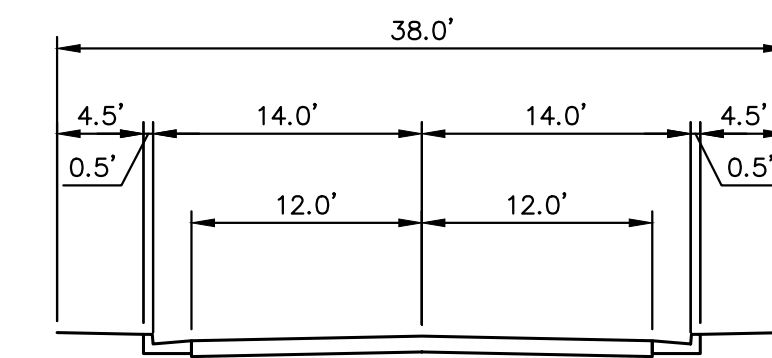
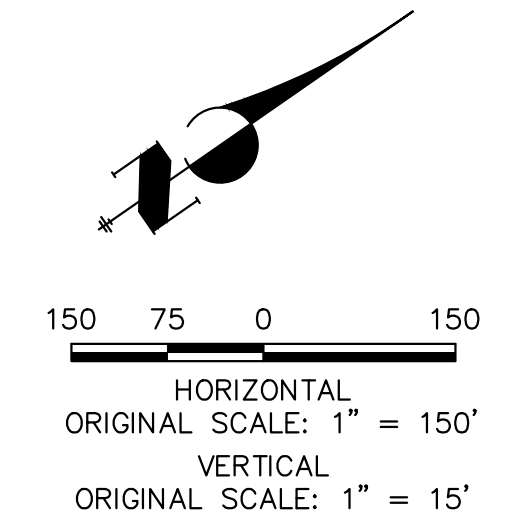
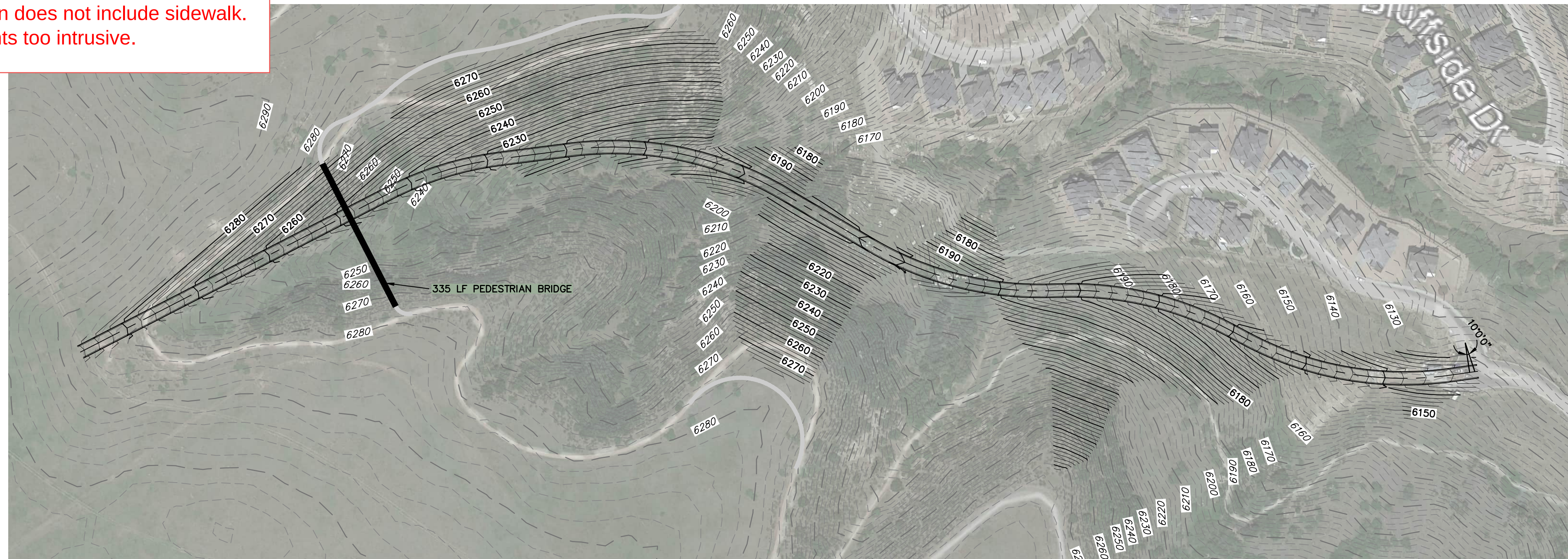
BY	DATE	REVISION	No.	1"=150'	1"=15'	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
						10/31/23	JP		

MESA TOPS AT RIDGEGATE	ENTRANCE ROAD ALT C	W/O WALLS
SHEET 1 OF 1	JOB NO. 15950.12	

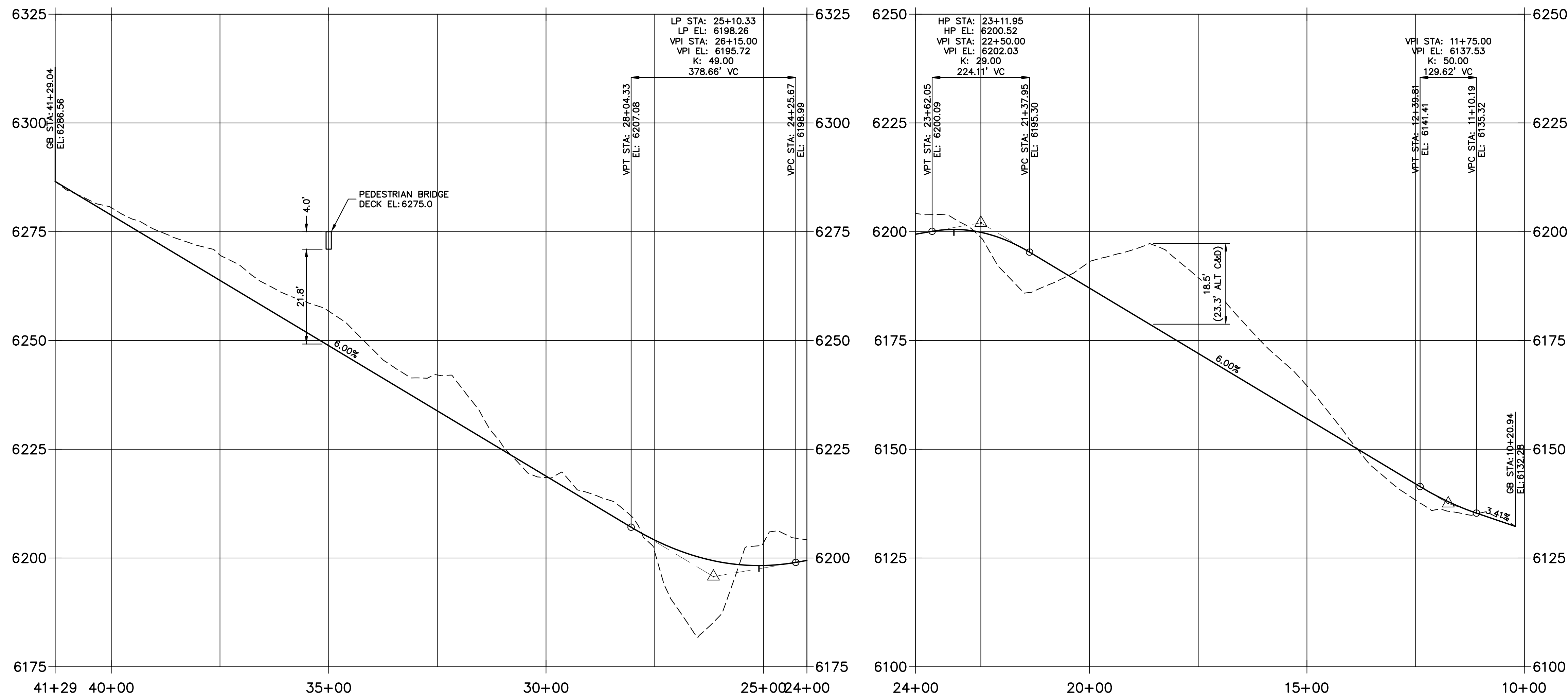
Option not selected -

- Grading extents cross the Retreat at Ridgeway boundary.
- Typical section does not include sidewalk.
- Grading extents too intrusive.

- Grading extents cross the Retreat at Ridgeway boundary.
- Typical section does not include sidewalk.
- Grading extents too intrusive.



TYPICAL SECTION
SCALE: 1" = 10'



Earthwork Volume	
Base Surface	1595012eg--google
Comparison Surface	Alternative E
Cut volume (unadjusted)	120,933 Cu. Yd.
Fill volume (unadjusted)	15,390 Cu. Yd.
Net volume (unadjusted)	105,543 Cu. Yd.<Cut>



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OK

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6465 S GREENWOOD PLAZA BLVD
SUITE 700
CENTENNIAL, CO 80112
CONTACT: CHRIS BREMNER
PHONE: 303-790-6604

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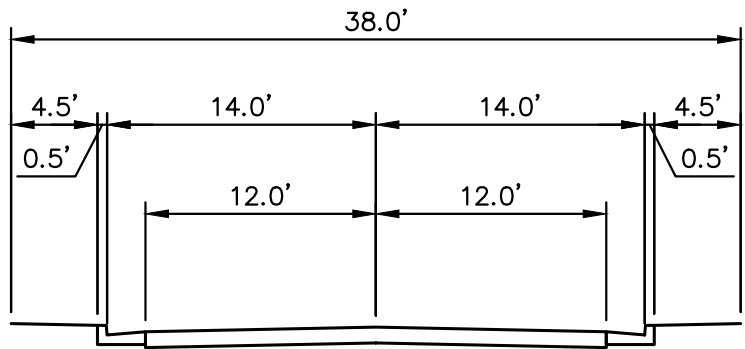
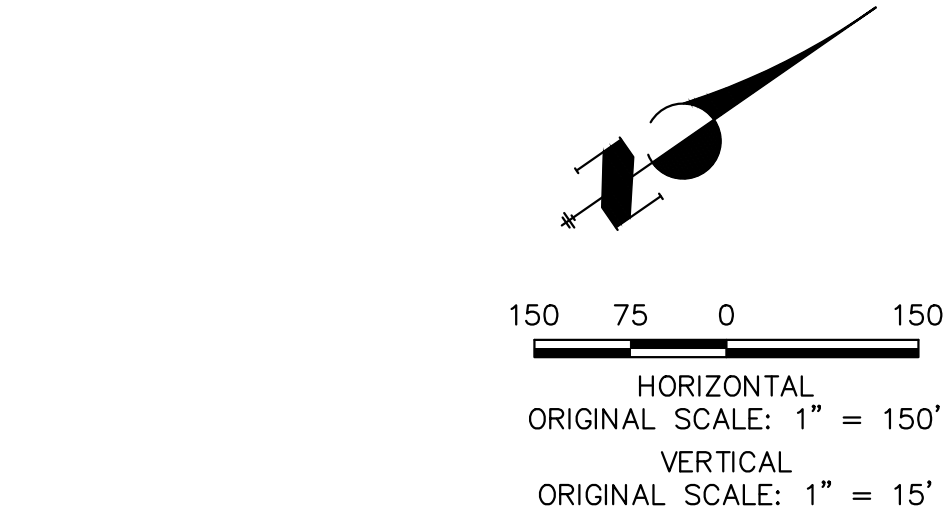
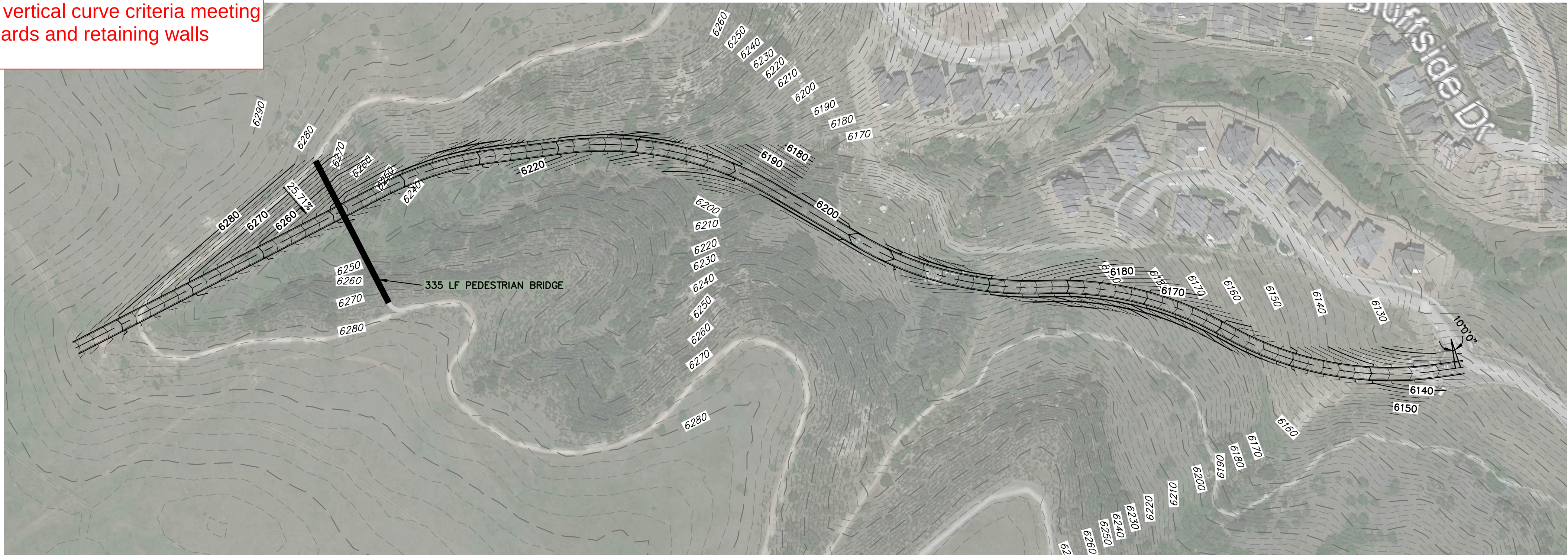


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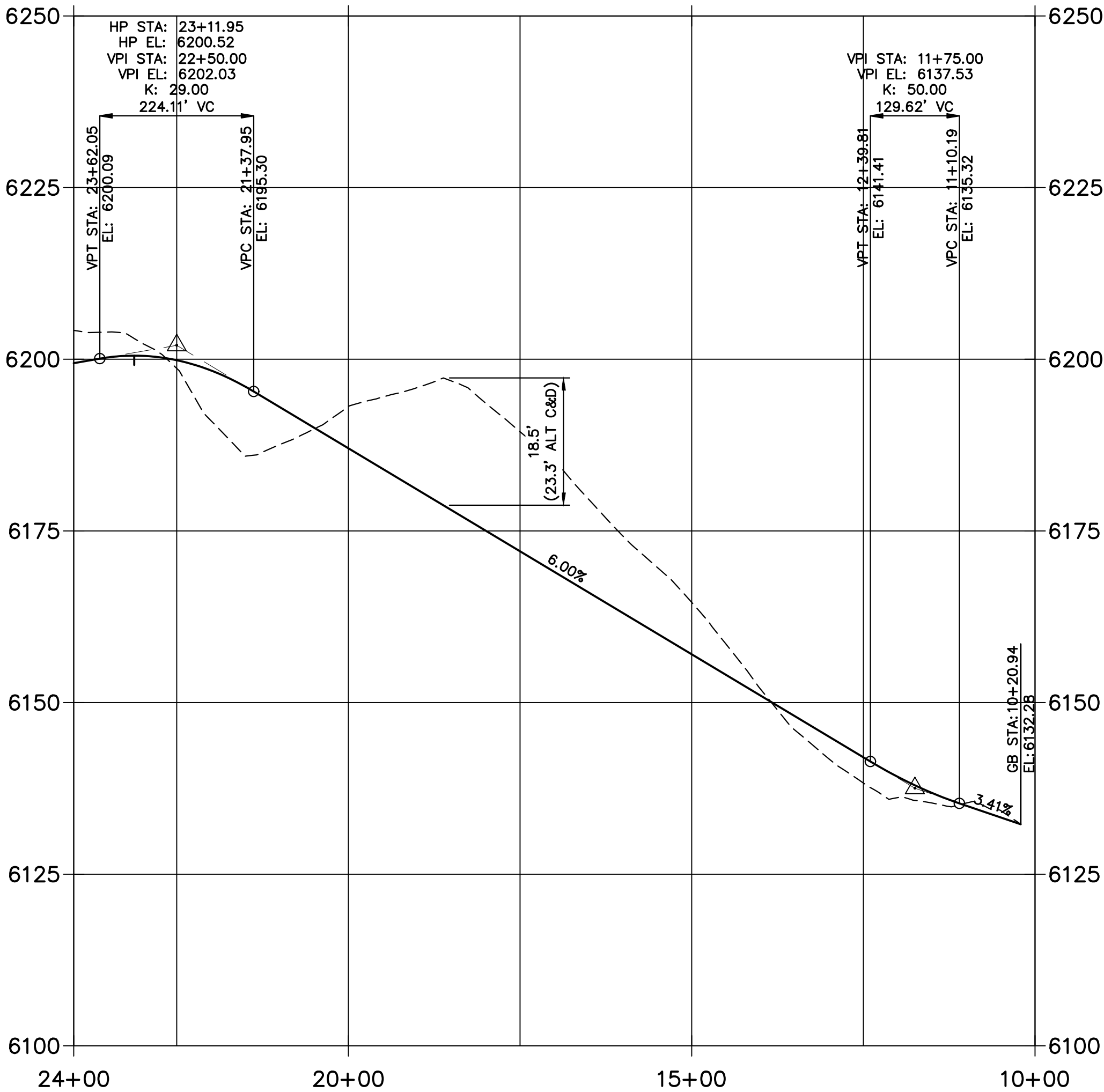
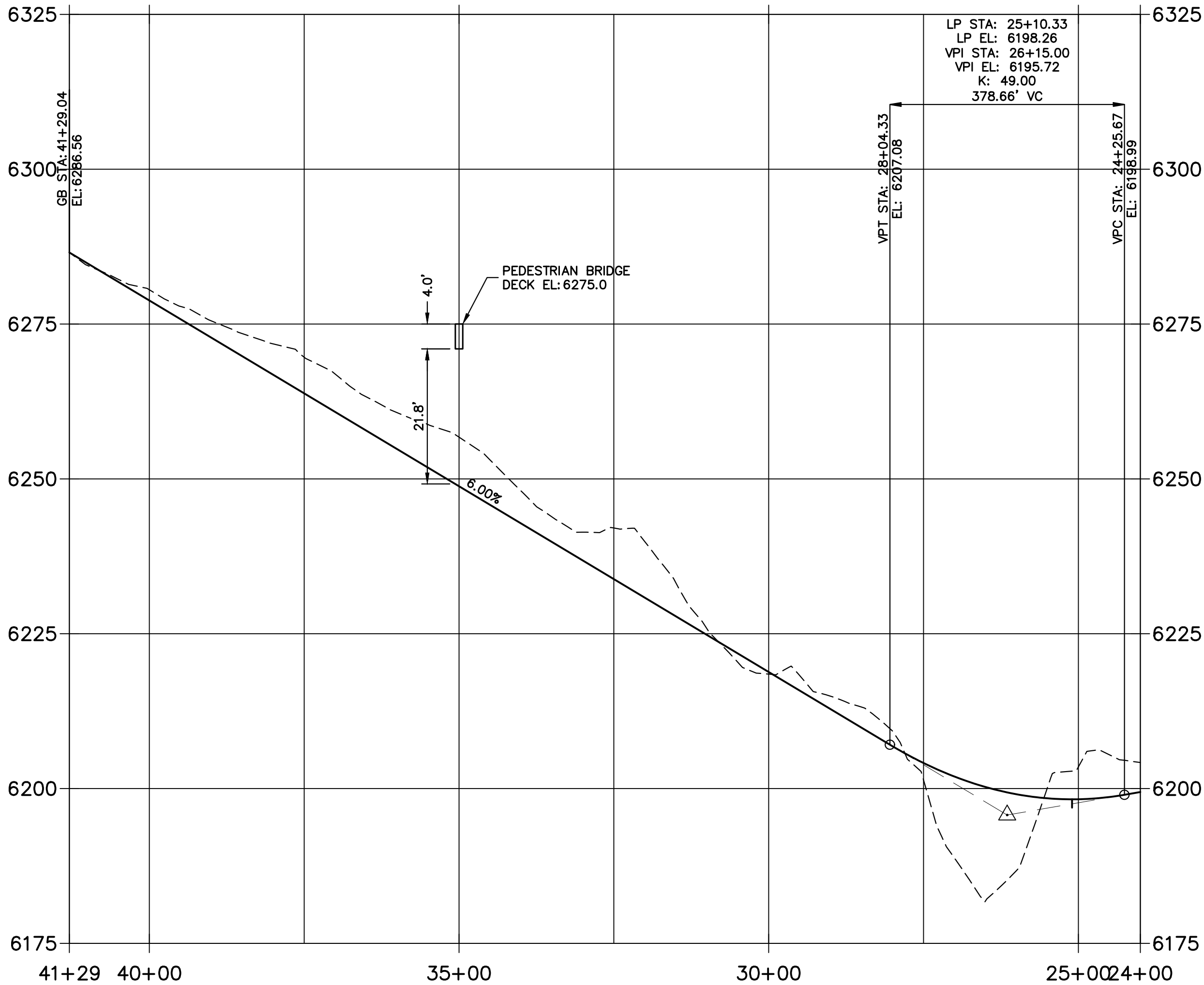
SHEET		MESA TOPS AT RIDGEGATE		H-SCALE	1"=150'	REVISION	BY	DATE
1		ENTRANCE ROAD ALT E		V-SCALE	1"=15'			
OF				DATE	10/31/23			
1				DESIGNED BY	JP			
				DRAWN BY	JP			
				CHECKED BY				

Option not selected -

- Typical section does not include sidewalk.
- Current alignment generally follows with horizontal and vertical curve criteria meeting collector standards and retaining walls revised.



TYPICAL SECTION
SCALE: 1" = 10'



Earthwork Volume
Base Surface 1595012eg-google
Comparison Surface Alternative F
Cut volume (unadjusted) 37,011 Cu. Yd.
Fill volume (unadjusted) 12,491 Cu. Yd.
Net volume (unadjusted) 24,520 Cu. Yd.<Cut>

Wall Quantities
Wall Area 21,748 SF
Wall Area w/ top swale 25,806 SF



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SUITE 700
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CONTACT: CHRIS BRENNER
PHONE: 303-790-6604

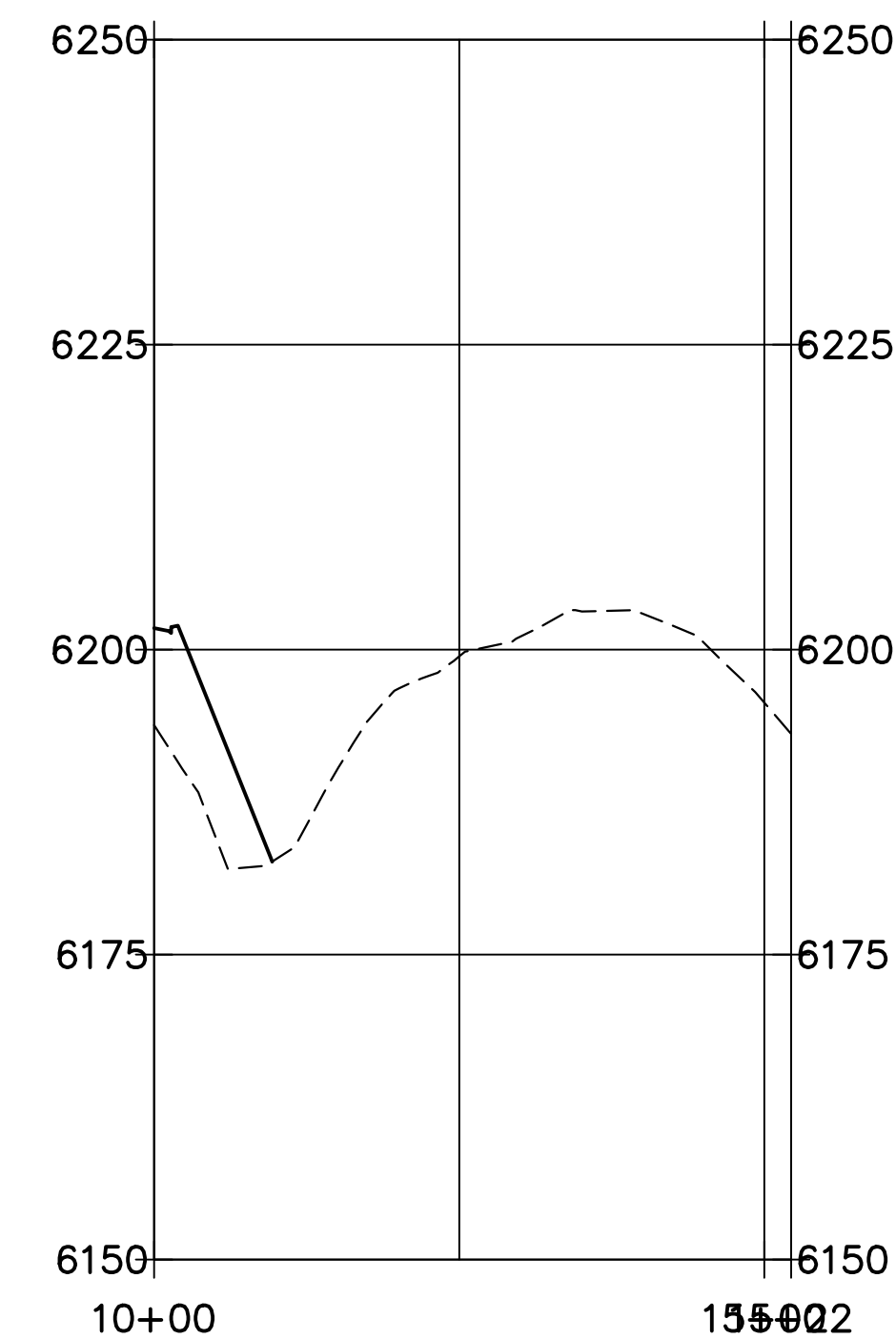
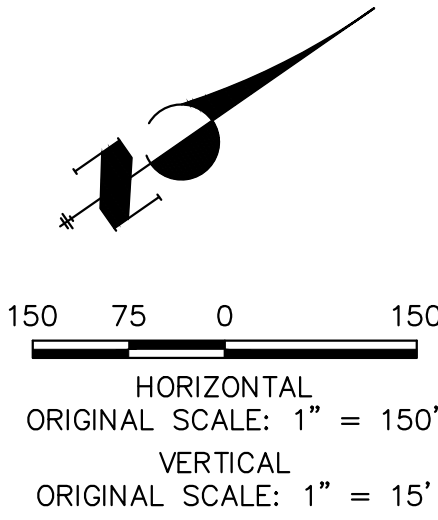
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REVISION	BY	DATE
No.		
H-SCALE 1"=150'		
V-SCALE 1"=15'		
DATE 10/31/23		
DESIGNED BY JP		
DRAWN BY JP		
CHECKED BY		

MESA TOPS AT RIDGEGATE
ENTRANCE ROAD ALT F
WI WALLS

Option not selected -

- Typical section does not include sidewalk.
- Current alignment generally follows with horizontal and vertical curve criteria meeting collector standards and retaining walls revised.



Earthwork Volume	
Base Surface	1595012eg--google
Comparison Surface	Alternative G
Cut volume (unadjusted)	43,982 Cu. Yd.
Fill volume (unadjusted)	10,730 Cu. Yd.
Net volume (unadjusted)	33,252 Cu. Yd.<Cut>
Wall Quantities	
Wall Area	23,608 SF
Wall Area w/ top swale	27,068 SF

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6465 S GREENWOOD PLAZA BLVD
SUITE 700
CENTENNIAL, CO 80112
CONTACT: CHRIS BREMNER
PHONE: 303-790-6604

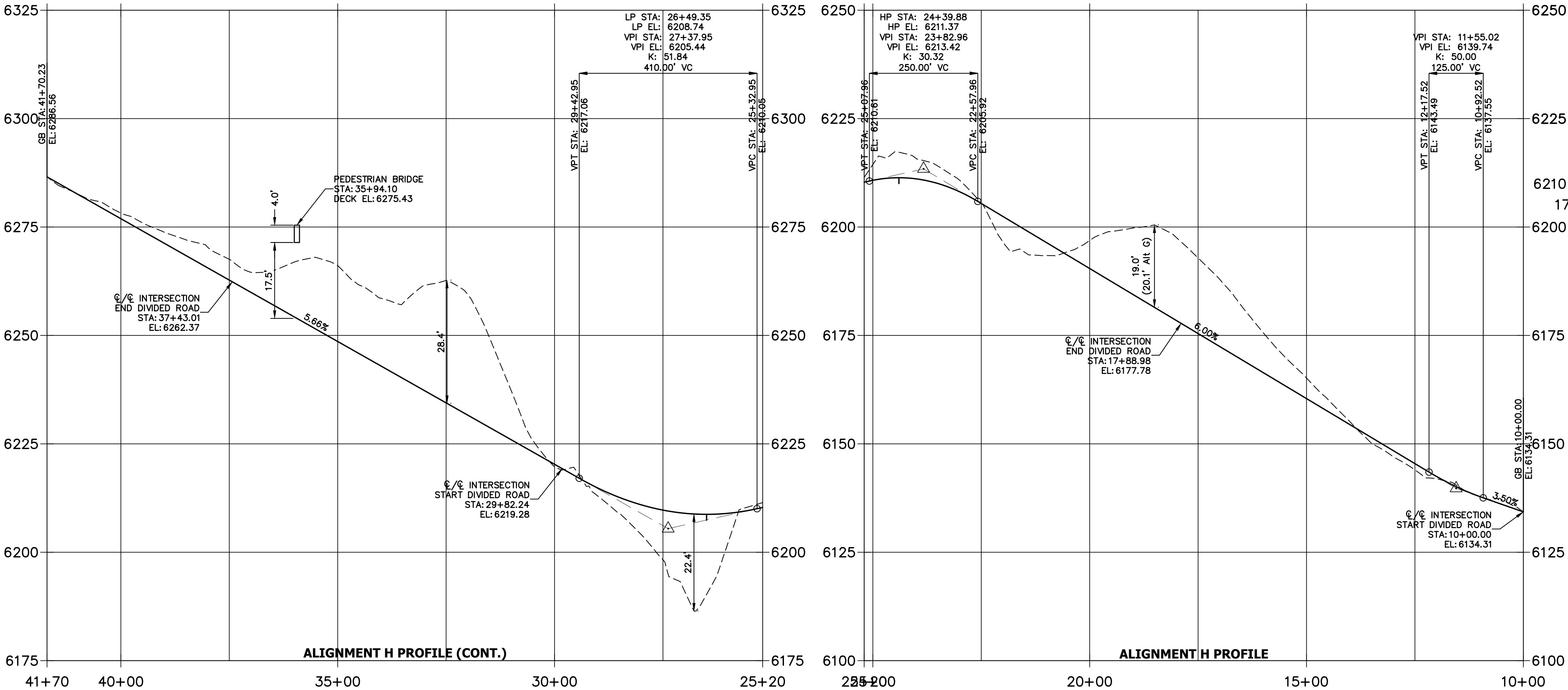
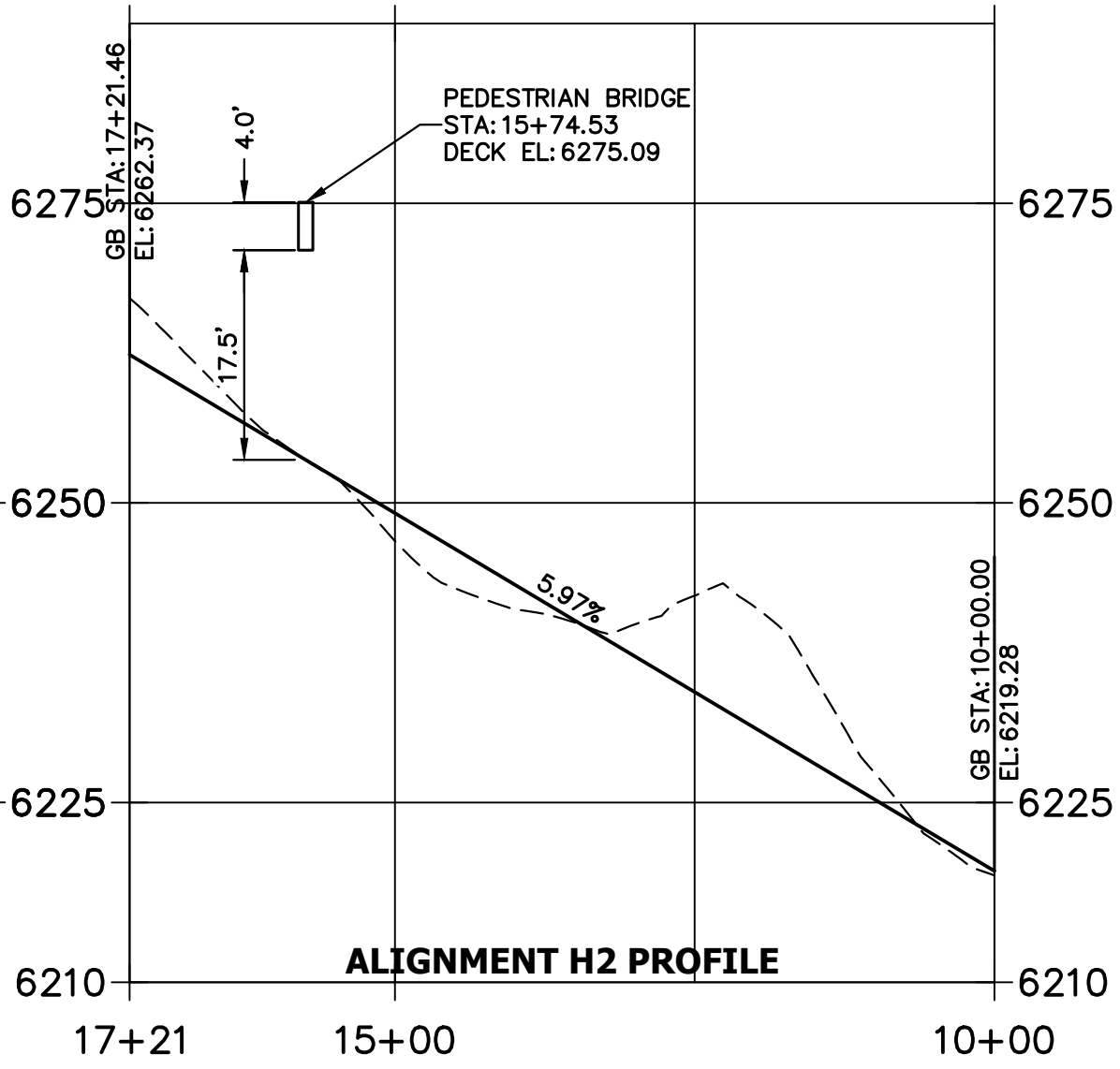
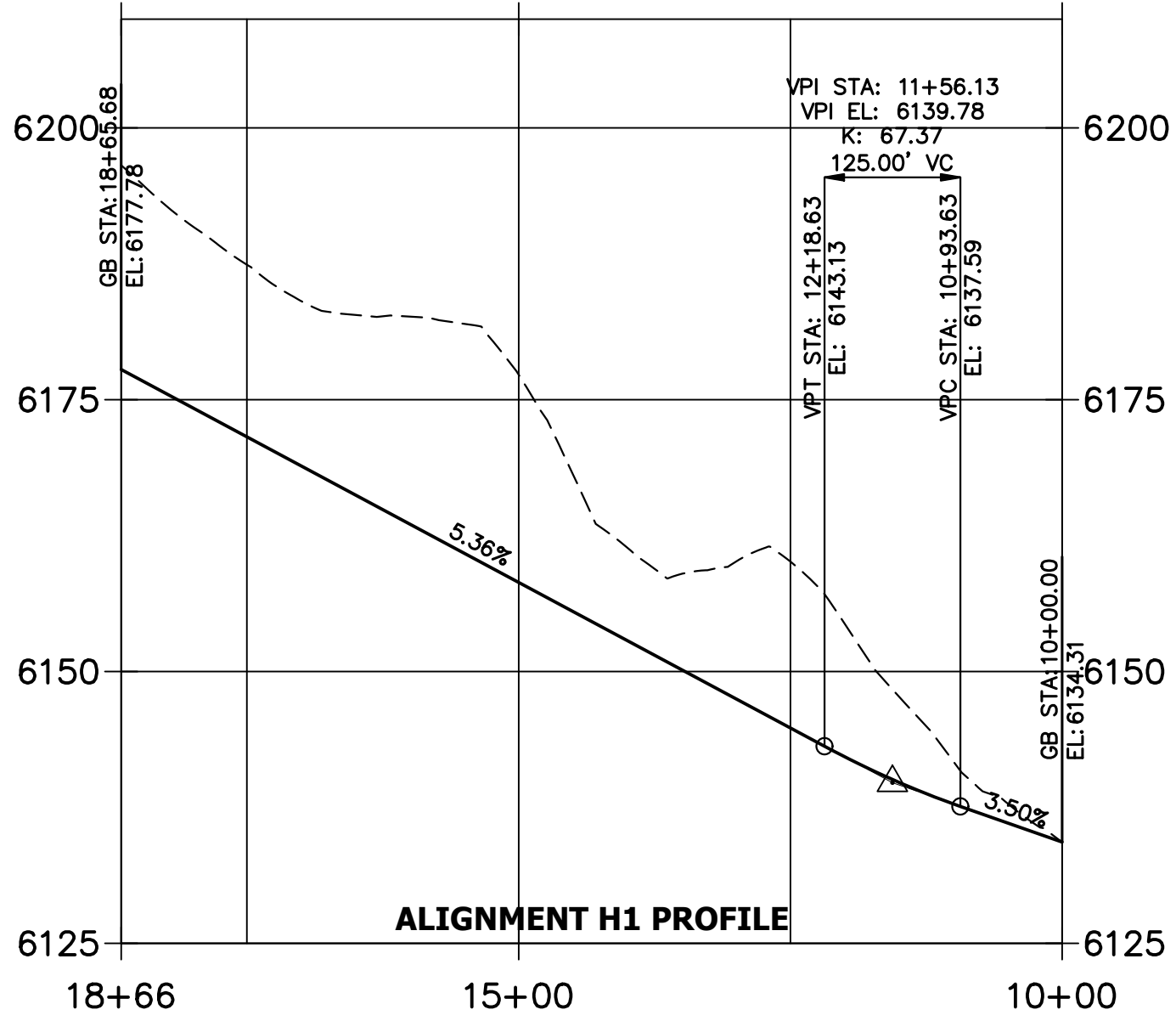
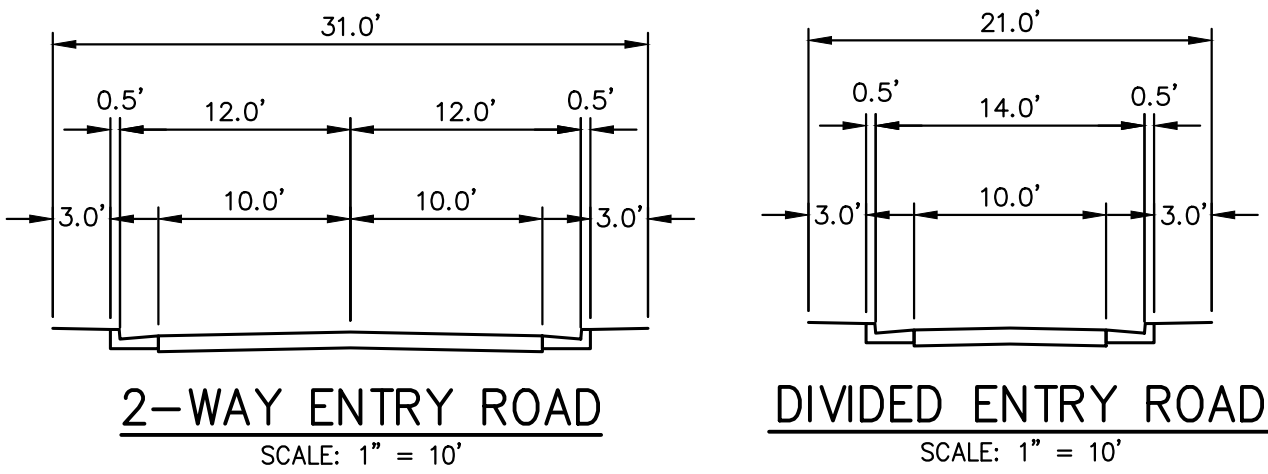
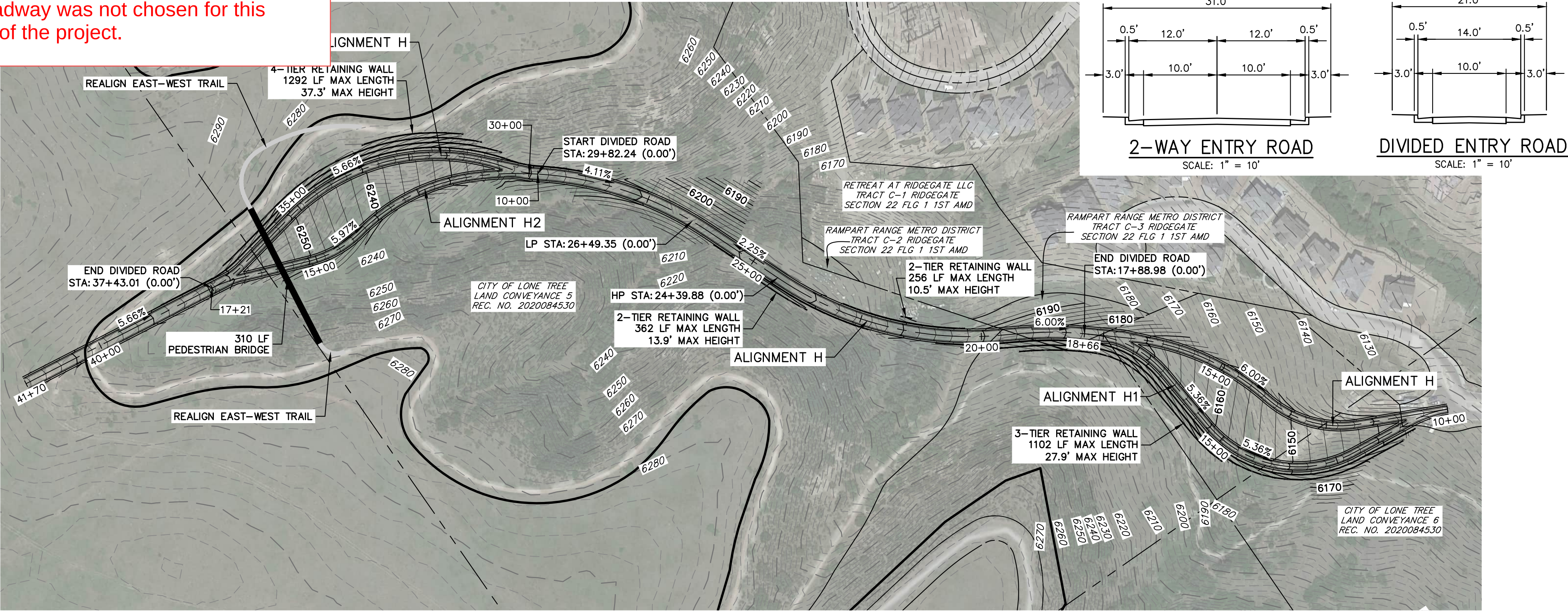
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SHEET ----- OF 1		MESA TOPS AT RIDGEGATE		H-SCALE 1"=150'		No.		REVISION		BY		DATE	
JOB NO. 15950.12		ENTRANCE ROAD ALT G		V-SCALE 1"=15'									
				DATE 10/31/23									
				DESIGNED BY JP									
				DRAWN BY JP									

Option not selected -

- Horizontal curves do not meet collector criteria
- Split roadway was not chosen for this section of the project.

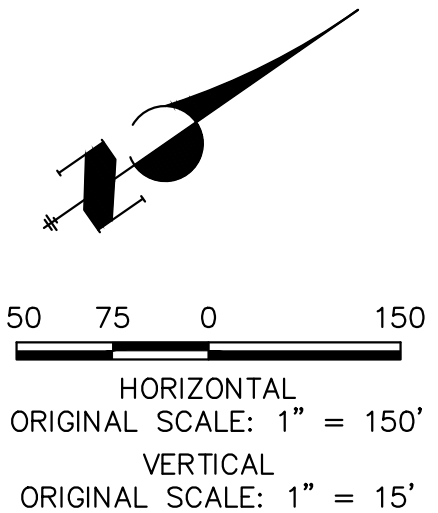


NOTES

- ROADWAY CROSS SECTIONS AND HORIZONTAL DESIGN DOES NOT MEET CITY OF LONE TREE STANDARDS FOR URBAN COLLECTOR.

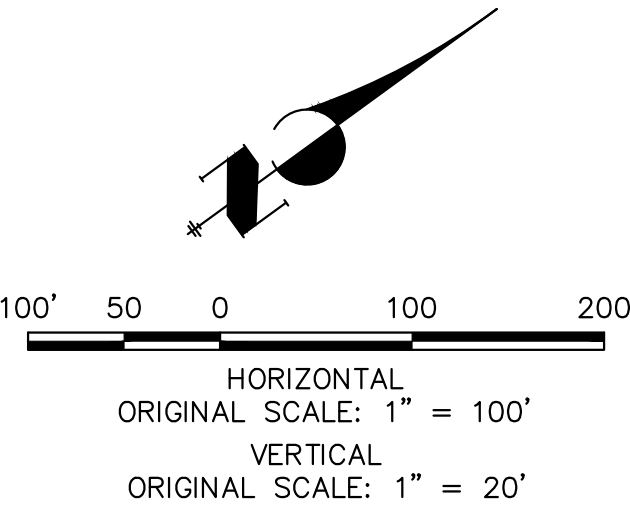
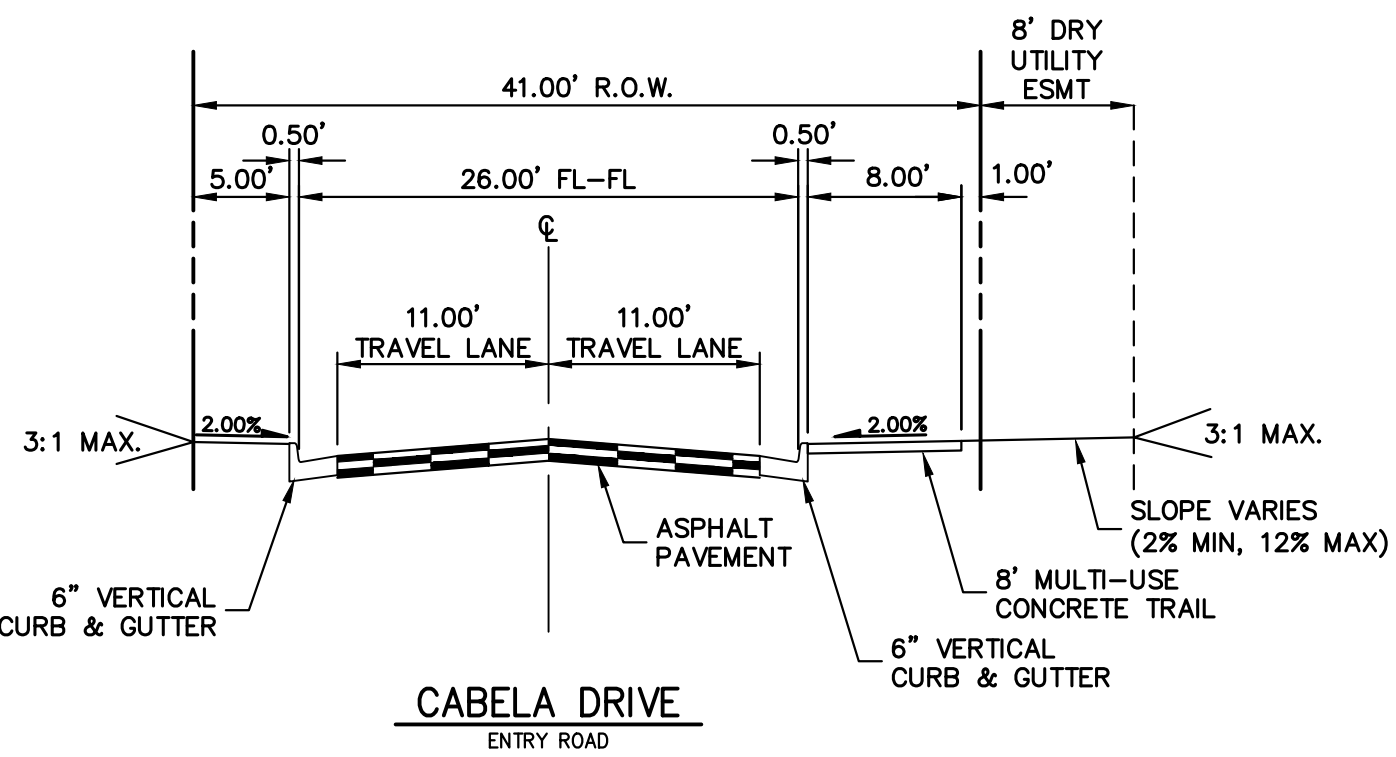
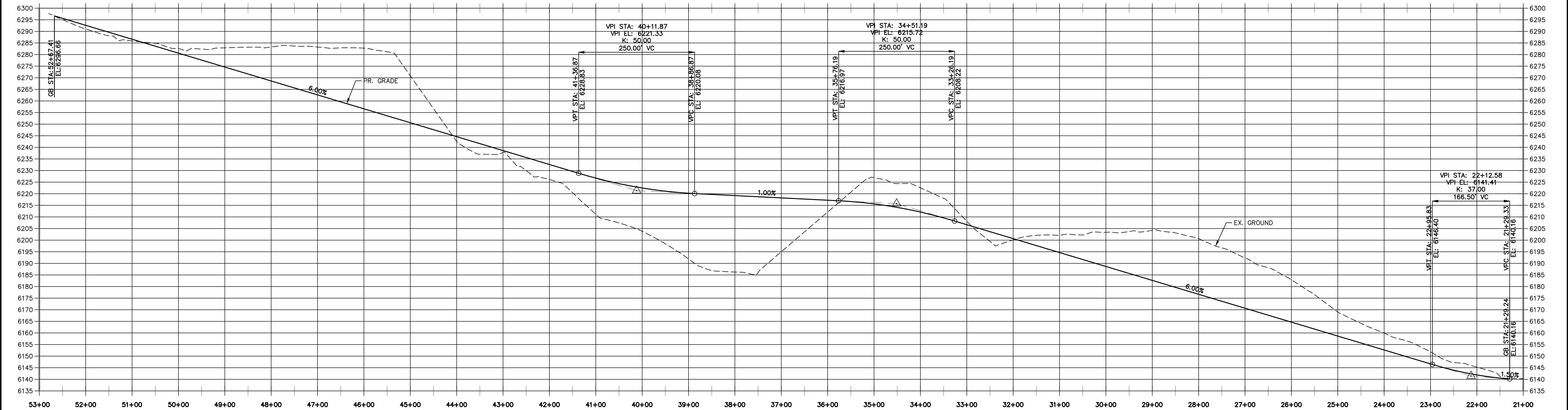
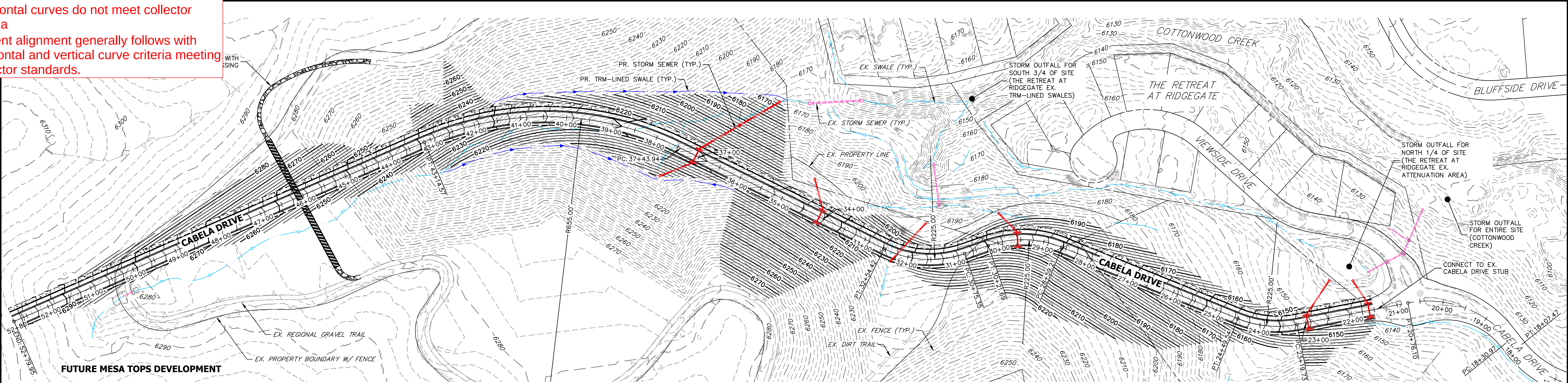
Earthwork Volume
Base Surface 1595012eg-google
Comparison Surface Alternative G
Cut volume (unadjusted) 66,416 Cu. Yd.
Fill volume (unadjusted) 13,938 Cu. Yd.
Net volume (unadjusted) 52,479 Cu. Yd.<Cut>

Wall Quantities
Wall Area 36,086 SF
Wall Area w/ top swale 41,599 SF



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PREPARED FOR	BROOKFIELD 6465 S GREENWOOD PLAZA BLVD SUITE 700 CENTENNIAL, CO 80112 CONTACT: CHRIS BRENNER PHONE: 303-790-6604
J.R. ENGINEERING A Western Company  Centennial 303-740-9888 • Colorado Springs 719-589-2883 Fort Collins 970-491-9888 • www.jrengineering.com	
BY	DATE
REVISION	No.
H-SCALE	1"=150'
V-SCALE	1"=15'
DESIGNED BY	DATE
DRAWN BY	KAC
CHECKED BY	KJR
MESA TOPS AT RIDGEGATE	
ENTRY ROAD ALTERNATIVE H	
SHEET	1 OF 2
JOB NO. 15950.12	

- Option not selected -
- Horizontal curves do not meet collector criteria
 - Current alignment generally follows with horizontal and vertical curve criteria meeting collector standards.

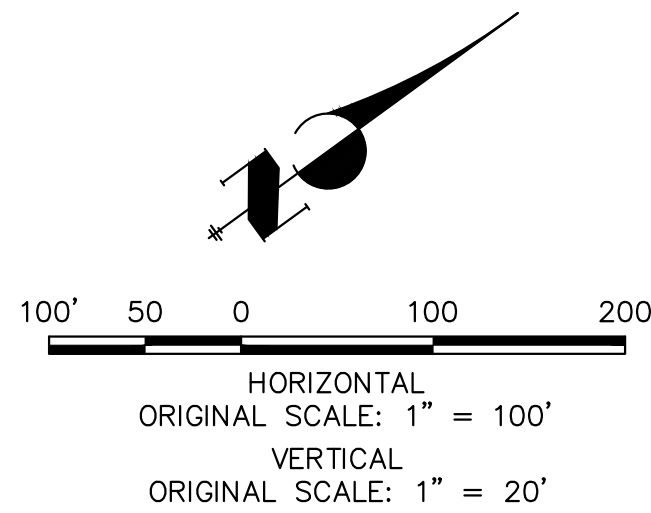
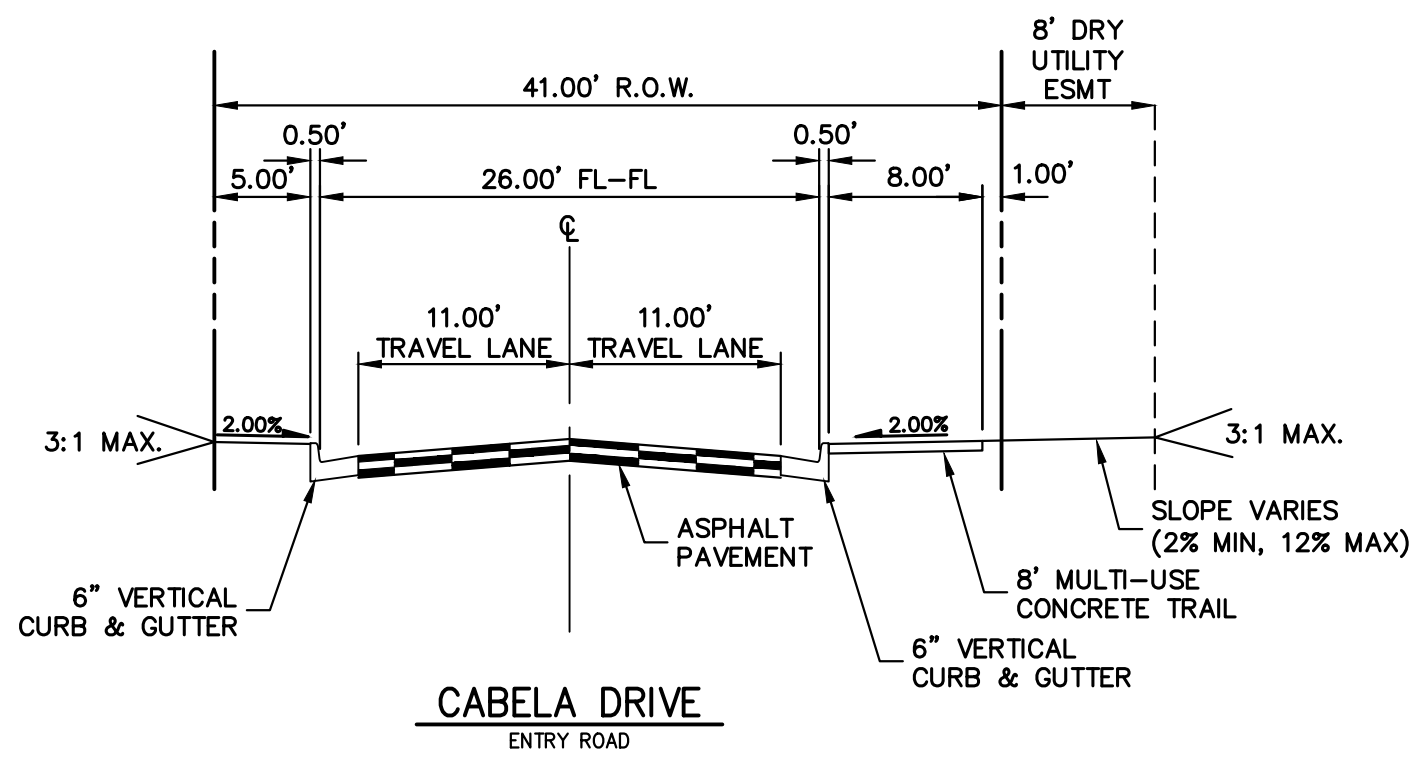
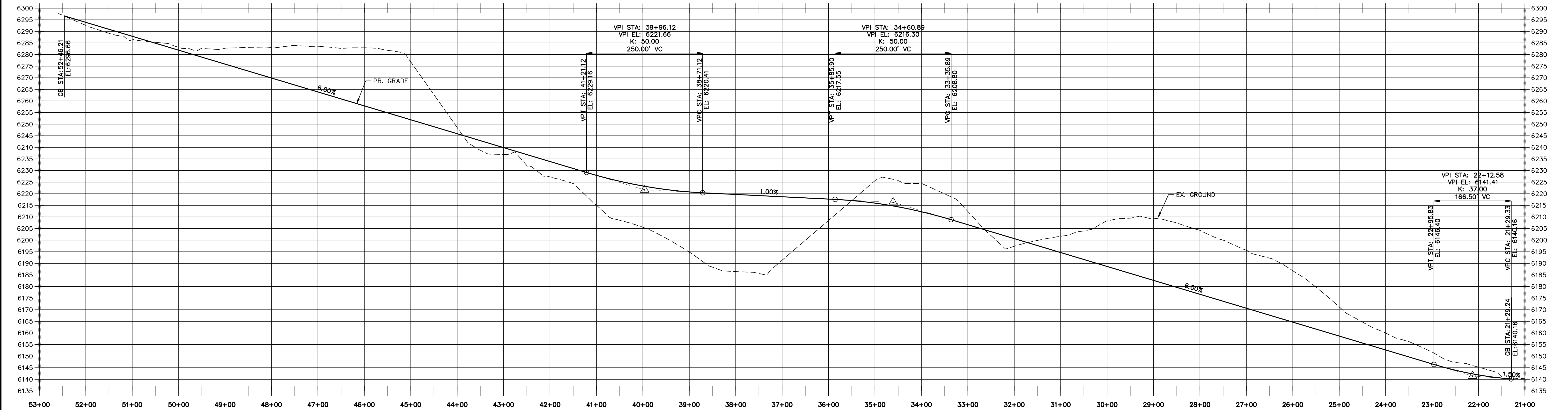
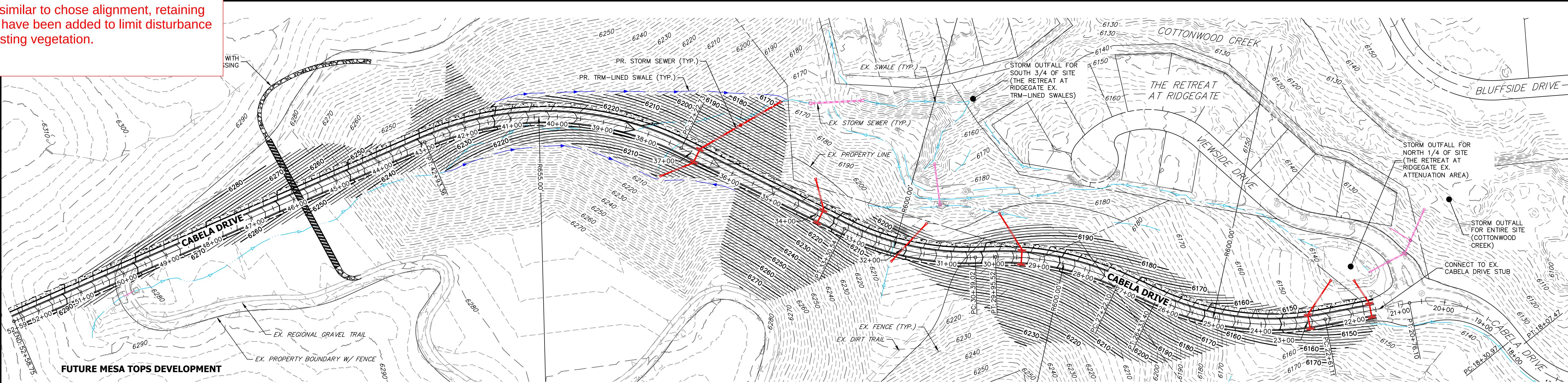


PRELIMINARY ROAD REDESIGN
ALTERNATIVE 1
MESA TOPS – CABELA DRIVE
1595018
10/28/2024
SHEET 1 OF 2



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- Option not selected -
- Very similar to chose alignment, retaining walls have been added to limit disturbance to existing vegetation.



PRELIMINARY ROAD REDESIGN
ALTERNATIVE 2
MESA TOPS - CABELA DRIVE
1595018
10/28/2024
SHEET 2 OF 2



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