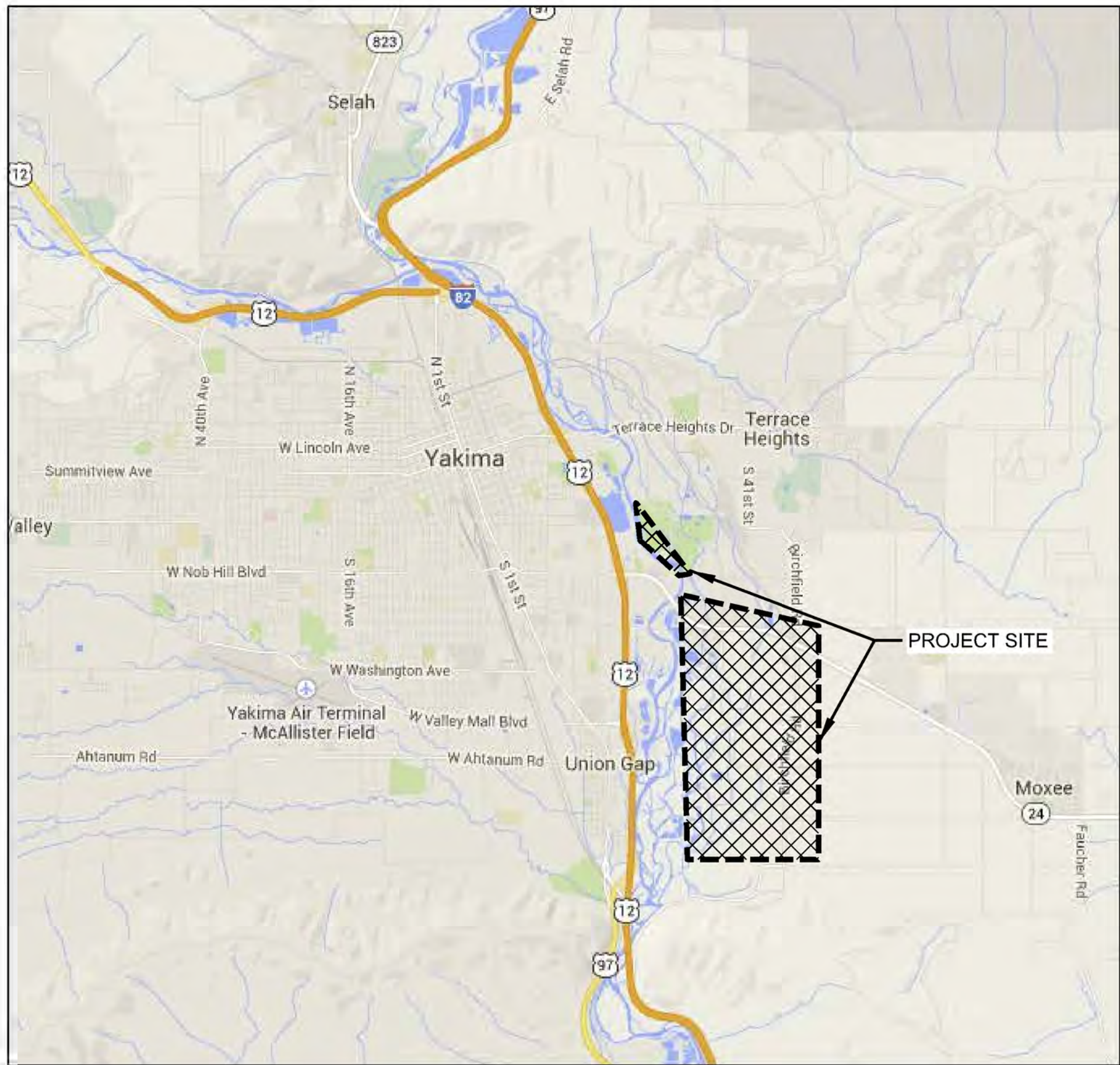


US Army Corps
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Seattle District

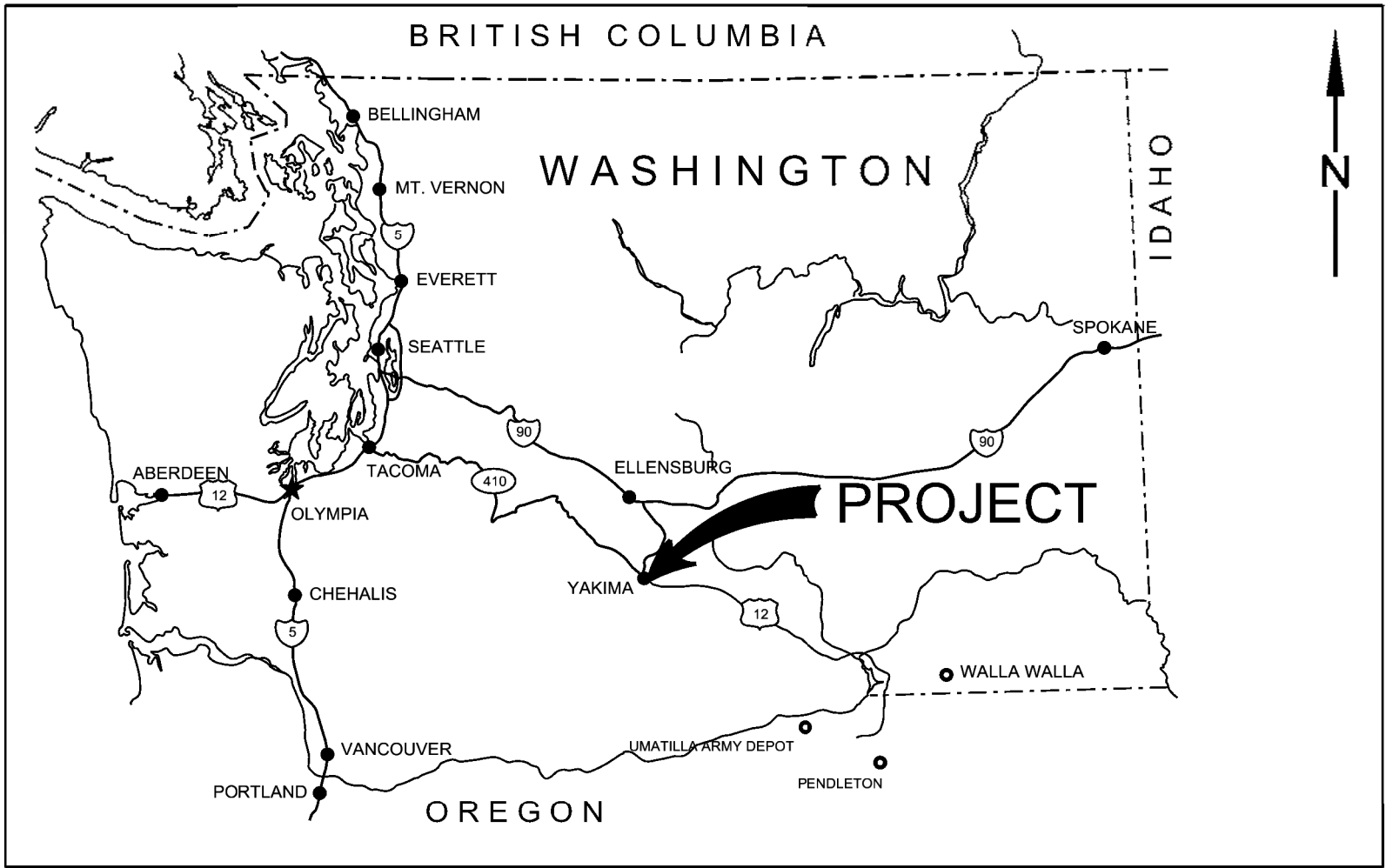
YAKIMA RIVER GAP TO GAP SECTION 1135 ECOSYSTEM RESTORATION

YAKIMA, WASHINGTON



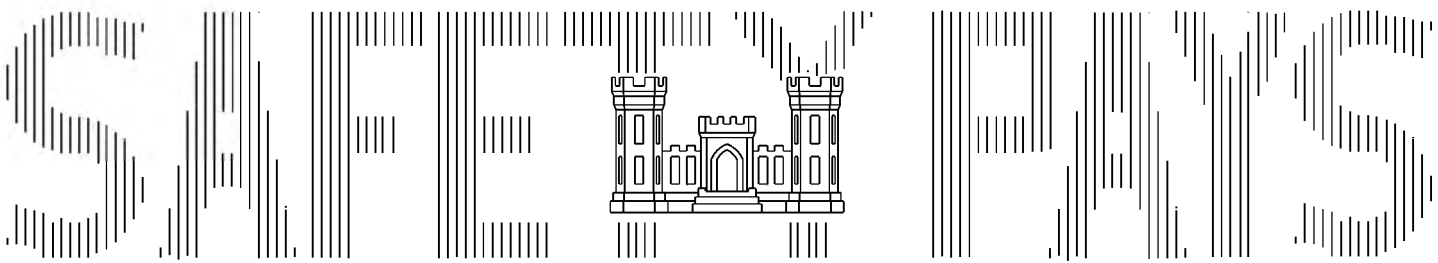
PROJECT LOCATION MAP

NOT TO SCALE



VICINITY MAP

NOT TO SCALE



US Army Corps
of Engineers®
Seattle District

Date:	31 MAY 2022
File No.:	D-8-4-109
Solicitation No.:	-

Recommended by:	GUY L. GREEN, P.E.	05/31/22	Date
Chief, Design Branch			
Approved by:	JOANN T. WALLS, P.E.	05/31/22	Date
Chief, Engineering Div.			

Submitted by:	STEPHANIE A. MCKENNA	05/31/22	Date
Project Manager			
Reviewed by:	GLENN K. KATO	05/31/22	Date
Civil DQC Reviewer			

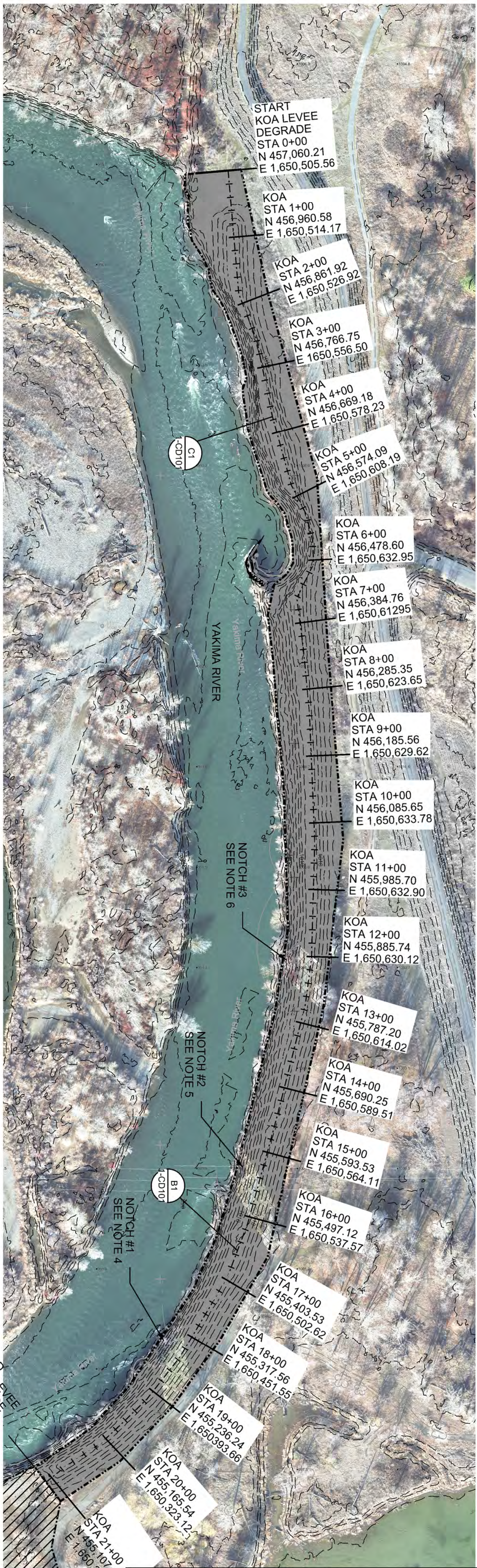
U.S. ARMY CORPS OF ENGINEERS SEATTLE DISTRICT SEATTLE, WASHINGTON	05/31/22	Date
Prepared by:	JENNIFER L. WEST	
Chief, Civil Section		

YAK1135 SECTION 1135 ECOSYSTEM RESTORATION YAKIMA, WA	TITLE, LOCATION, AND VICINITY MAPS
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SHEET IDENTIFICATION B-G-001

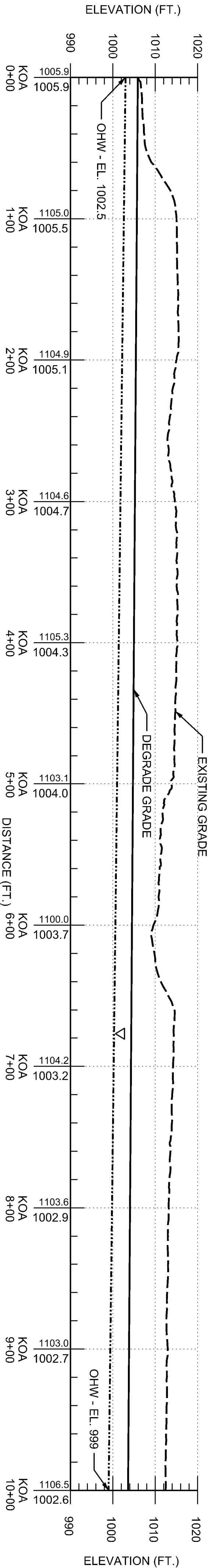
	1	2	3	4	5	6	7	8	9	10
	DRAWING NO. DRAWING INDEX				DRAWING NO. DRAWING TITLE					
	BASE CONTRACT INDEX				CONTRACT OPTION #1 INDEX					
G	B-G-001	TITLE, LOCATION AND VICINITY MAPS			B-G-001	TITLE, LOCATION AND VICINITY MAPS				
	B-G-002	DRAWING INDEX 1			B-G-002	DRAWING INDEX 1				
	B-G-003	DRAWING INDEX 2			B-G-003	DRAWING INDEX 2				
	B-B-100	EXPLORATION SITE PLAN 1			1-C-001	GENERAL SITE PLAN - CONTRACT OPTION #1				
	B-B-101	EXPLORATION SITE PLAN 2			1-CD101	DEMOLITION PLAN 3 - KOA LEVEE DEGRADE - KOA 0+00 TO 21+25				
	B-B-102	EXPLORATION SITE LOGS 1 OF 3			1-CD102	DEMOLITION PLAN 4 - KOA NOB DEGRADE				
	B-B-103	EXPLORATION SITE LOGS 2 OF 3			1-C-301	SECTION 1 - TYPICAL SECTIONS				
	B-B-104	EXPLORATION SITE LOGS 3 OF 3			1-C-302	KOA LEVEE DEGRADATION - CROSS SECTIONS 1				
	B-C-001	LEGEND, ABBREVIATIONS AND GENERAL NOTES			1-C-303	KOA LEVEE DEGRADATION - CROSS SECTIONS 2				
F	B-C-002	HAUL ROUTE AND STAGING AREAS			1-C-304	KOA LEVEE DEGRADATION - CROSS SECTIONS 3				
	B-C-001	GENERAL SITE PLAN - BASE CONTRACT			1-C-305	KOA LEVEE DEGRADATION - CROSS SECTIONS 4				
	B-CS101	SPORTSMAN PARK CHANNELS - EXISTING SITE PLAN			1-CS101	BLUE SLOUGH REALIGNMENT - GENERAL SITE PLAN				
	B-CS102	SPORTSMAN PARK CHANNELS - GENERAL SITE PLAN			1-CS102	BLUE SLOUGH REALIGNMENT - LESTER LANE SITE PLAN				
	B-CS103	SPORTSMAN PARK CHANNELS - CHANNEL A SITE PLAN 1 - STA CHANNEL A 0+00 TO 13+00			1-CS103	BLUE SLOUGH REALIGNMENT - PAVLICK ALLEY SITE PLAN				
	B-CS104	SPORTSMAN PARK CHANNELS - CHANNEL A SITE PLAN 2 - STA CHANNEL A 13+00 TO 23+00			1-CS104	BLUE SLOUGH REALIGNMENT - PLANTING PLAN 1				
	B-CS105	SPORTSMAN PARK CHANNELS - CHANNEL A SITE PLAN 3 - STA CHANNEL A 23+00 TO 36+00			1-CS105	BLUE SLOUGH REALIGNMENT - PLANTING PLAN 2 - DETAILS				
	B-CS106	SPORTSMAN PARK CHANNELS - CHANNEL A SITE PLAN 4 - STA CHANNEL A 36+00 TO 50+16			1-CSU101	GENERAL SITE UTILITIES PLAN 4 - BLUE SLOUGH HEAD GATE AREA				
	B-CS107	SPORTSMAN PARK CHANNELS - CHANNEL B SITE PLAN 4 - STA CHANNEL B 0+00 TO 13+00			1-C-501	DETAILS 1 - BLUE SLOUGH CULVERT DETAILS 1				
E	B-CS108	SPORTSMAN PARK CHANNELS - CHANNEL B SITE PLAN 4 - STA CHANNEL B 13+00 TO 24+00			1-S-101	BLUE SLOUGH HEADWALL AND TRASHRACK				
	B-CS109	SPORTSMAN PARK CHANNELS - CHANNEL B SITE PLAN 4 - STA CHANNEL B 24+00 TO 29+80								
	B-CS110	SPORTSMAN PARK CHANNELS - CHANNEL C SITE PLAN 4 - STA CHANNEL C 0+00 TO 9+98								
	B-CS111	SPORTSMAN PARK CHANNELS - BERM SITE - A1								
	B-CS112	SPORTSMAN PARK CHANNELS - BERM SITE - A2 AND A3								
	B-CS113	SPORTSMAN PARK CHANNELS - BERM SITE - A4 AND A5								
D	B-CS114	SPORTSMAN PARK CHANNELS - BERM SITE - B1 AND B2								
	B-CS115	NEWLANDS PONDS FLOODPLAIN GRADING - SITE PLAN								
	B-CS116	NEWLANDS PONDS FLOODPLAIN GRADING - FILL SITE #1								
	B-CS117	NEWLANDS PONDS FLOODPLAIN GRADING - FILL SITE #4								
	B-CS118	NEWLANDS PONDS FLOODPLAIN GRADING - FILL SITES #5 AND 6								
	B-C-301	SECTION 1 - GROIN (SPUR) REMOVAL SECTIONS								
	B-C-302	SECTION 2 - SPORTSMAN PARK IMPROVEMENTS - TYPICAL SECTIONS								
	B-C-303	SECTION 3 - NEWLANDS PONDS GRADING 1 - TYPICAL SECTIONS								
	B-C-304	SPORTSMAN PARK CHANNEL A- CROSS SECTIONS 1								
	B-C-305	SPORTSMAN PARK CHANNEL A- CROSS SECTIONS 2								
	B-C-306	SPORTSMAN PARK CHANNEL A- CROSS SECTIONS 3								
	B-C-307	SPORTSMAN PARK CHANNEL A- CROSS SECTIONS 4								
C	B-C-308	SPORTSMAN PARK CHANNEL A- CROSS SECTIONS 5								
	B-C-309	SPORTSMAN PARK CHANNEL A- CROSS SECTIONS 6								
	B-C-310	SPORTSMAN PARK CHANNEL A- CROSS SECTIONS 7								
	B-C-311	SPORTSMAN PARK CHANNEL A- CROSS SECTIONS 8								
	B-C-312	SPORTSMAN PARK CHANNEL B- CROSS SECTIONS 9								
	B-C-313	SPORTSMAN PARK CHANNEL B- CROSS SECTIONS 10								
	B-C-314	SPORTSMAN PARK CHANNEL B- CROSS SECTIONS 11								
	B-C-315	SPORTSMAN PARK CHANNEL B- CROSS SECTIONS 12								
	B-C-316	SPORTSMAN PARK CHANNEL C- CROSS SECTIONS 13								
	B-C-317	SPORTSMAN PARK CHANNEL C- CROSS SECTIONS 14								
	B-C-501	DETAILS 1 - SPORTSMAN PARK CHANNELS - LARGE WOOD STRUCTURES								
	B-C-502	DETAILS 2 - SPORTSMAN PARK CHANNELS - LOG STRUCTURE ASSEMBLY DETAILS 1								
B	B-C-503	DETAILS 3 - SPORTSMAN PARK CHANNELS - LOG STRUCTURE ASSEMBLY DETAILS 2								
	B-C-504	DETAILS 4 - NEWLANDS PONDS FLOODPLAIN GRADING - LARGE WOOD PLACEMENT 1								
	B-C-505	DETAILS 5 - NEWLANDS PONDS FLOODPLAIN GRADING - LARGE WOOD PLACEMENT 2								
	B-C-506	DETAILS 6 - NEWLANDS PONDS FLOODPLAIN GRADING - LARGE WOOD PLACEMENT 3								
	B-REF-1	CENTRAL PRE-MIX SOUNDS BERMS - GENERAL SITE PLAN								
	B-REF-2	CENTRAL PRE-MIX SOUNDS BERMS - BERM REMOVAL								
A	B-REF-3	CENTRAL PRE-MIX SOUNDS BERMS - SOUND BERM 1 SITE PLAN								

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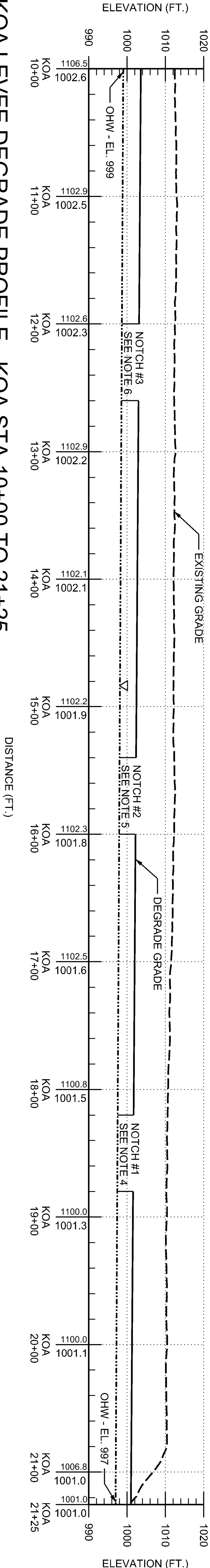


- GENERAL NOTES:**
- NOTCHES SHOWN ASSUME VERTICAL SLOPES, SIDE
 - IF ADDITIONAL RIPRAP IS NEEDED, ROCK CAN BE BORROWED FROM REMANENT LEVEE ABOVE THE OHW ELEV. SHOWN ON THIS SHEET.
 - DO NOT DISTURB AREAS THAT ARE VEGETATED OR AREAS BELOW OHW UNLESS PART OF A NOTCH OR IF OTHERWISE APPROVED BY THE PROJECT BIOLOGIST AND COR.
 - NOTCH 1: STA KOA 12+00 TO 12+60, ELEV. AT RIVER EDGE = 995.5', AT CL = 998.5' AT LANDWARD EDGE = FINISHED EDGE.
 - NOTCH 2: STA KOA 15+40 TO 16+00, ELEV. AT RIVER EDGE = 995', AT CL = 998' AT LANDWARD EDGE = FINISHED EDGE.
 - NOTCH 3: STA KOA 18+20 TO 18+80, ELEV. AT RIVER EDGE = 994.2', AT CL = 997.2' AT LANDWARD EDGE = FINISHED EDGE.

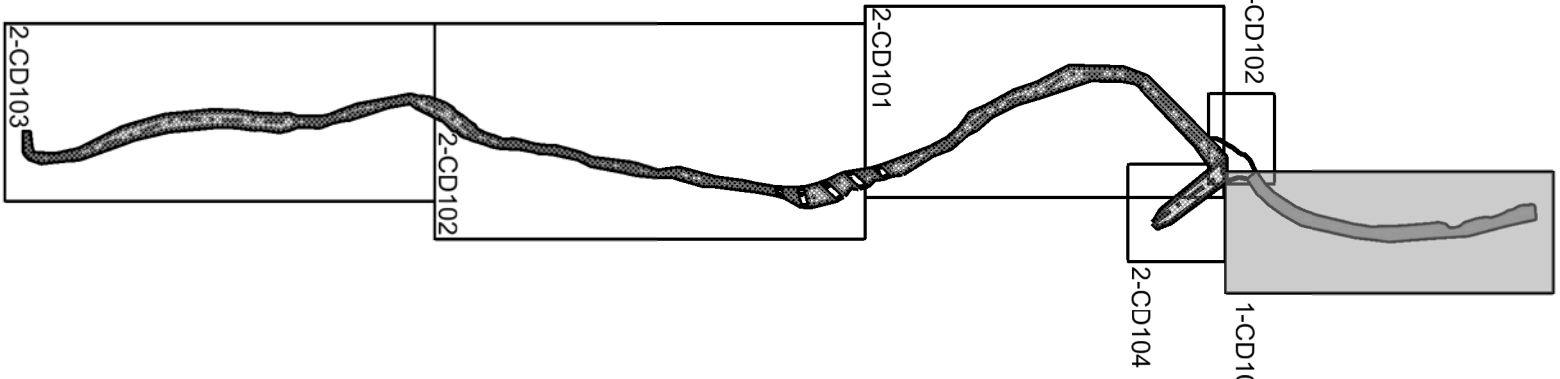
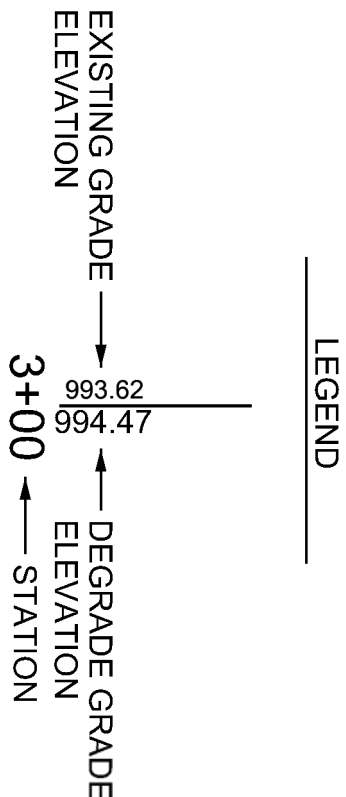
D1
KOA LEVEE DEGRADE PLAN VIEW - KOA STA 00+00 TO 21+25
1" = 100'



C1
KOA LEVEE DEGRADE PROFILE - KOA STA 00+00 TO 10+00
SCALE 1" = 50'
3 1/4" H



B1
KOA LEVEE DEGRADE PROFILE - KOA STA 10+00 TO 21+25
SCALE 1" = 50'
3 1/4" H



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of Engineers ©

MARK	DESCRIPTION	DATE

DESIGNED BY: L. FORD	ISSUE DATE: 31 MAY 2022
DWN BY: J. BARRETT	SOLICITATION NO.:
CKD BY: G. KATO	CONTRACT NO.:
SUBMITTED BY: STEPHANIE MCKENNA	FILE NUMBER: D-8-4-109
SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS SEATTLE DISTRICT SEATTLE, WASHINGTON	
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YAKIMA 1135 SECTION 1135 ECOSYSTEM RESTORATION YAKIMA, WASHINGTON	DEMOLITION PLAN 1 KOA LEVEE DEGRADE STA KOA 00+00 TO 21+25
---	--

SHEET ID OPT #1 1-CD101

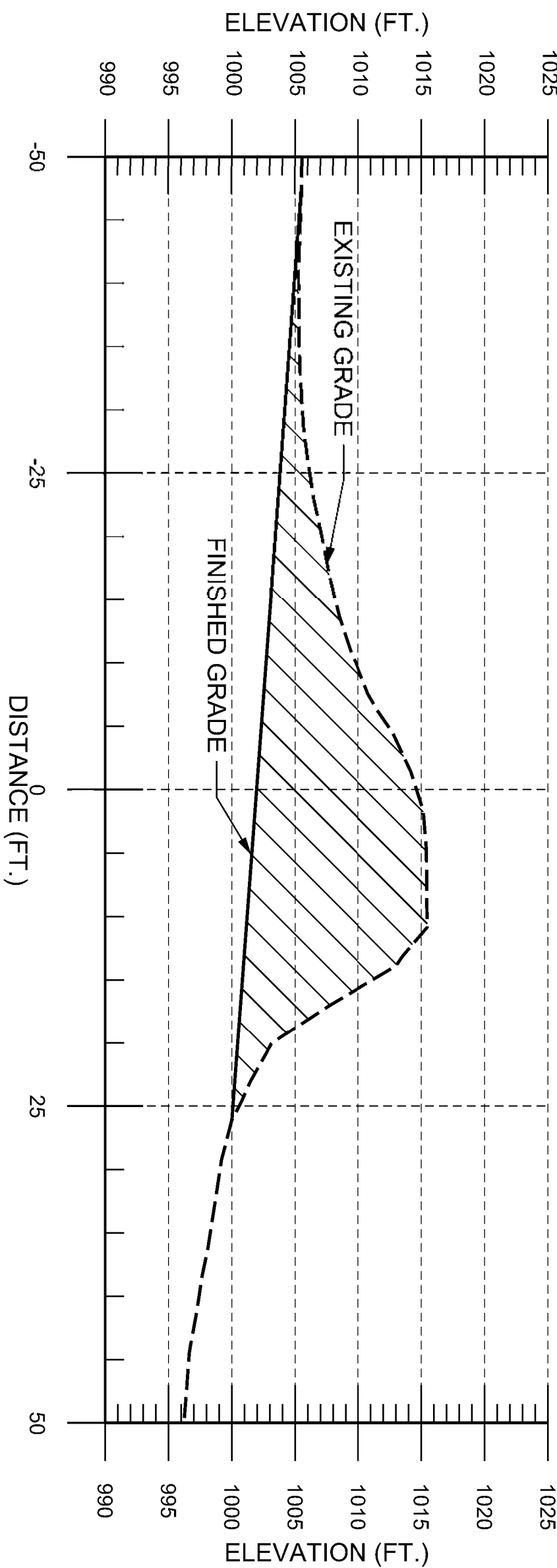
LEGEND

EXISTING GRADE

FINISHED GRADE

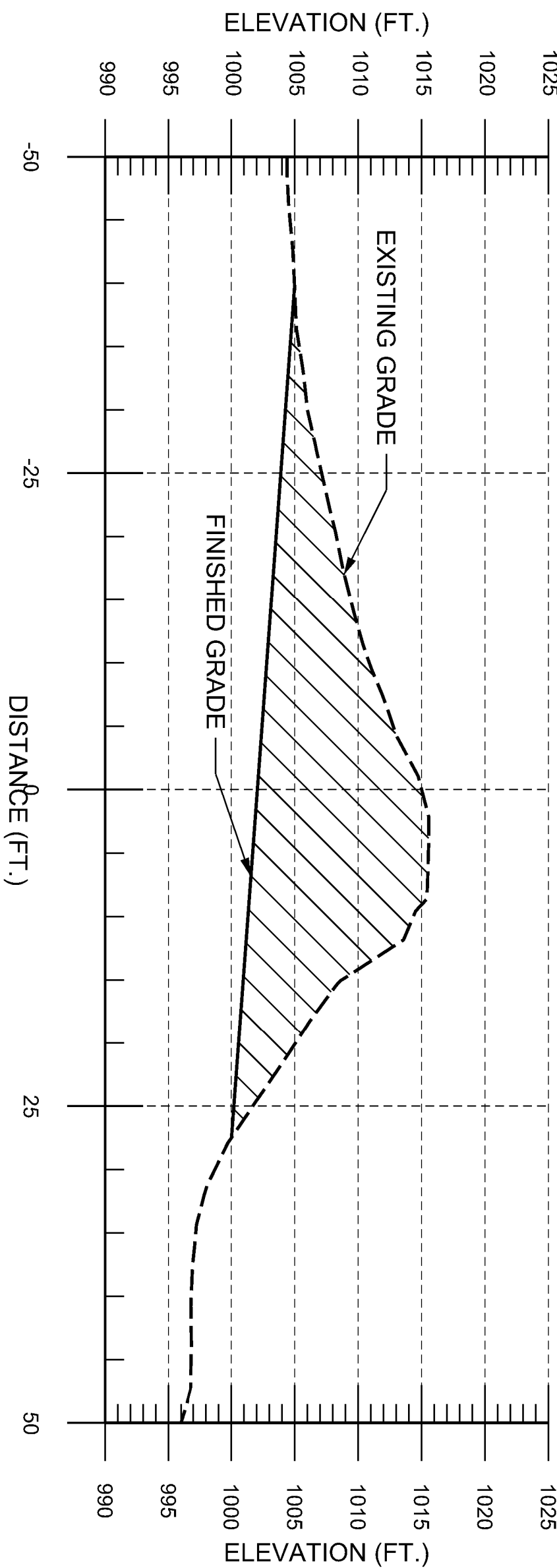
FILL OR CUT

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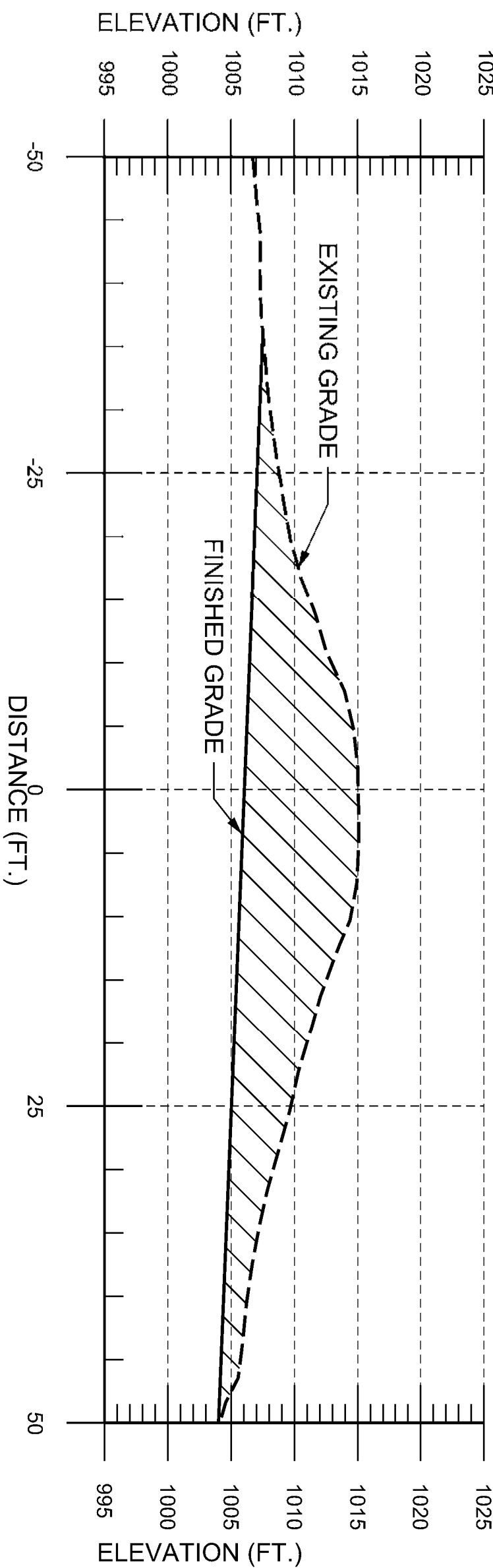
F1
1"=10'
1 1/4"=1H'

CROSS SECTION - KOA 3+00



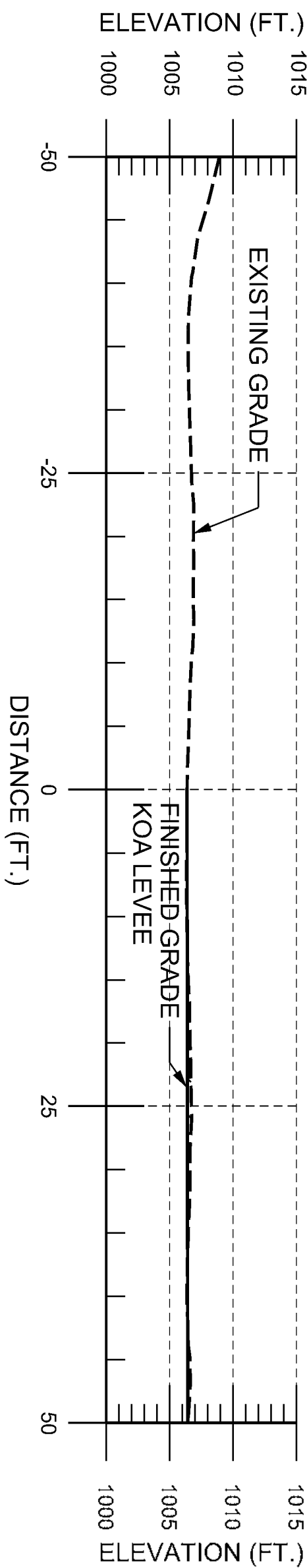
D1
1"=10'
1 1/4"=1H'

CROSS SECTION - KOA 2+00



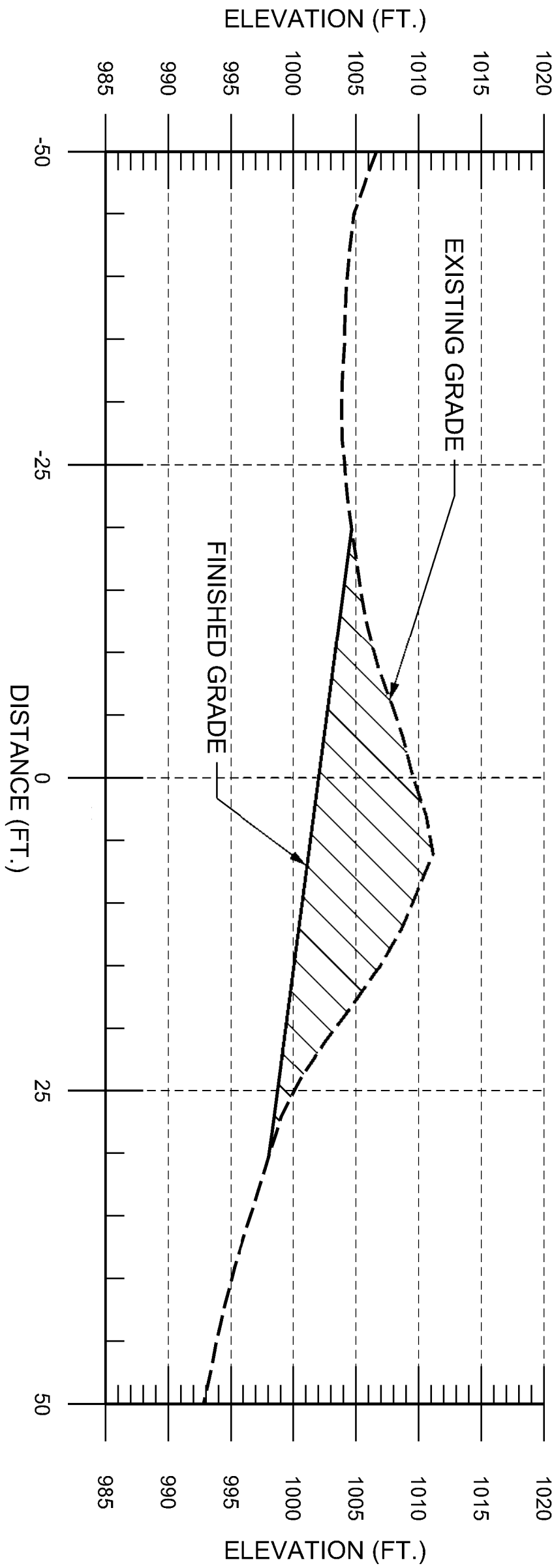
B1
1"=10'
1 1/4"=1H'

CROSS SECTION - KOA 1+00



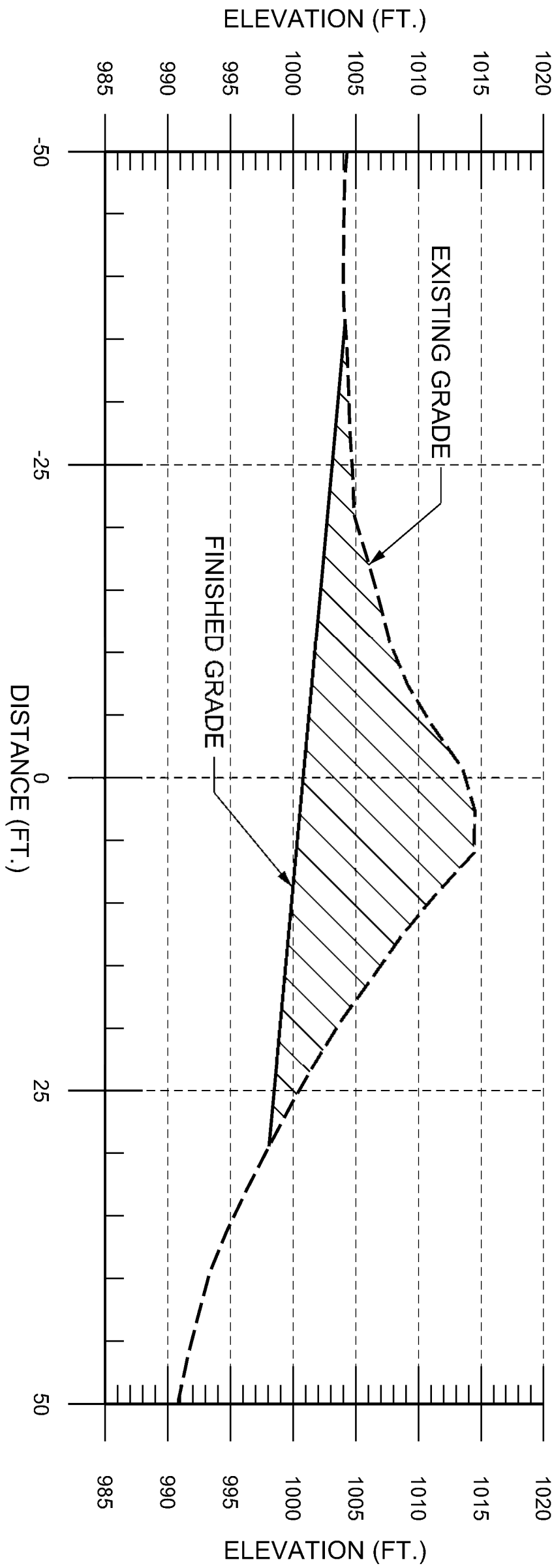
A1
1"=10'
1 1/4"=1H'

CROSS SECTION - KOA 0+00



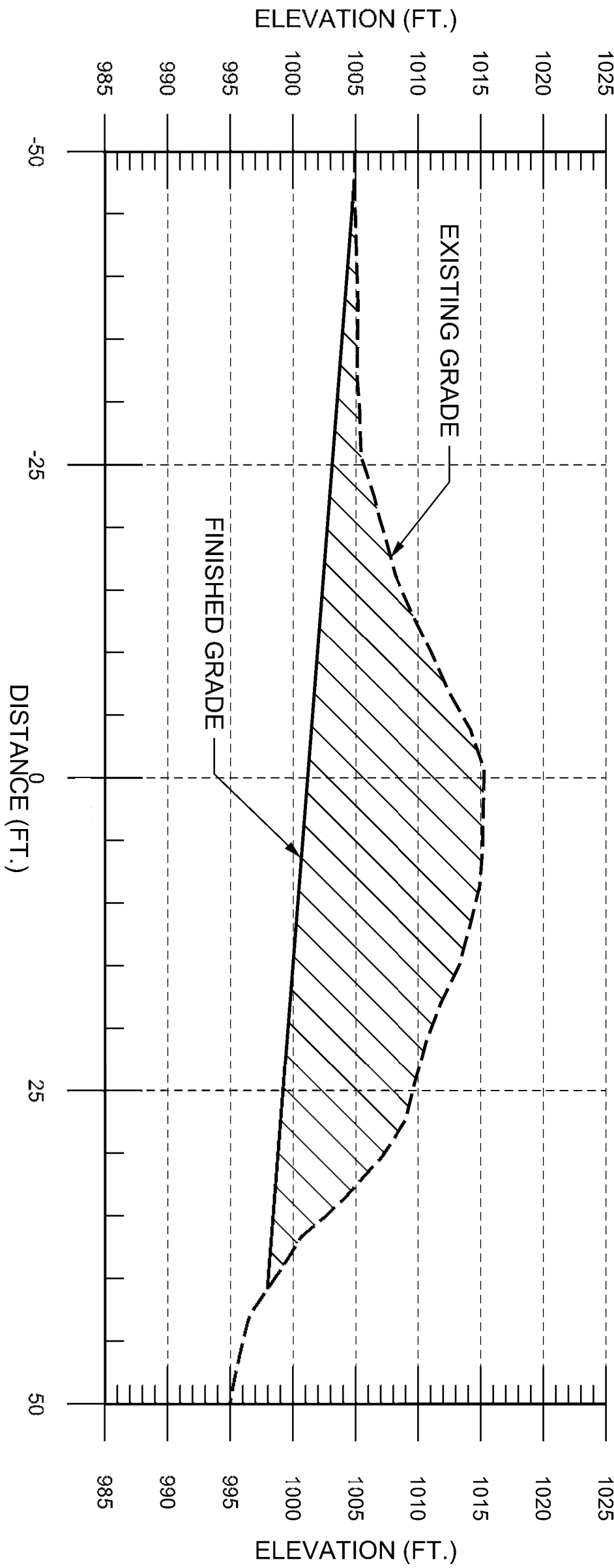
E6
1"=10'
1 1/4"=1H'

CROSS SECTION - KOA 6+00



C5
1"=10'
1 1/4"=1H'

CROSS SECTION - KOA 5+00



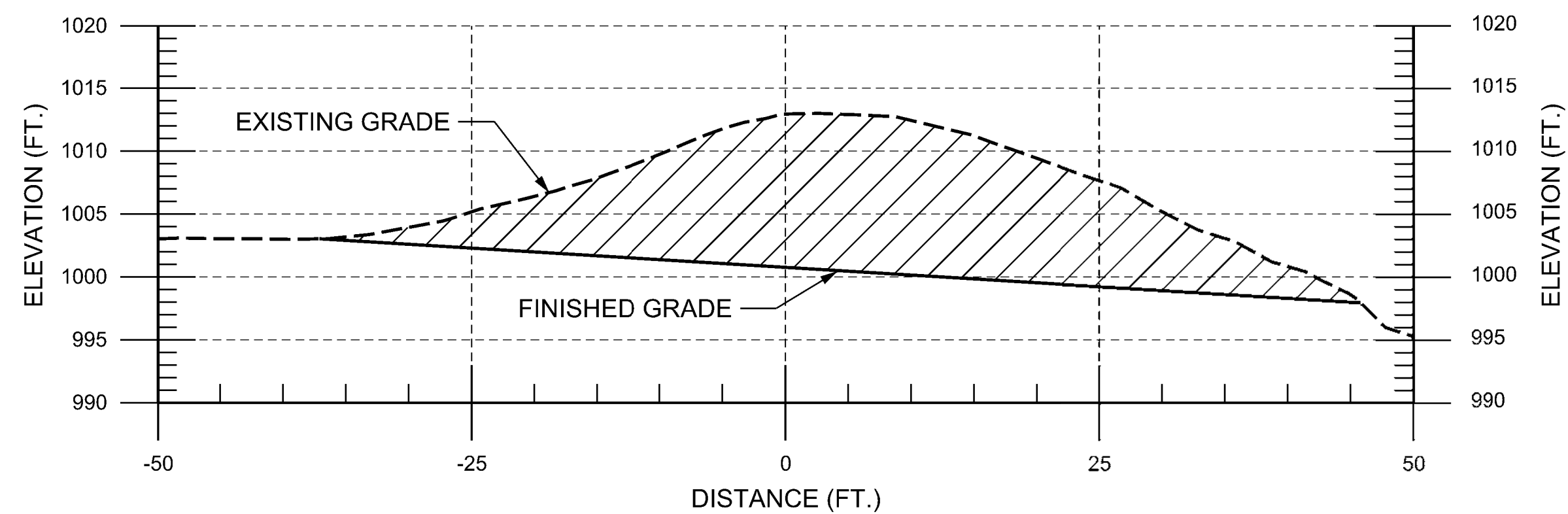
A5
1"=10'
1 1/4"=1H'

CROSS SECTION - KOA 4+00

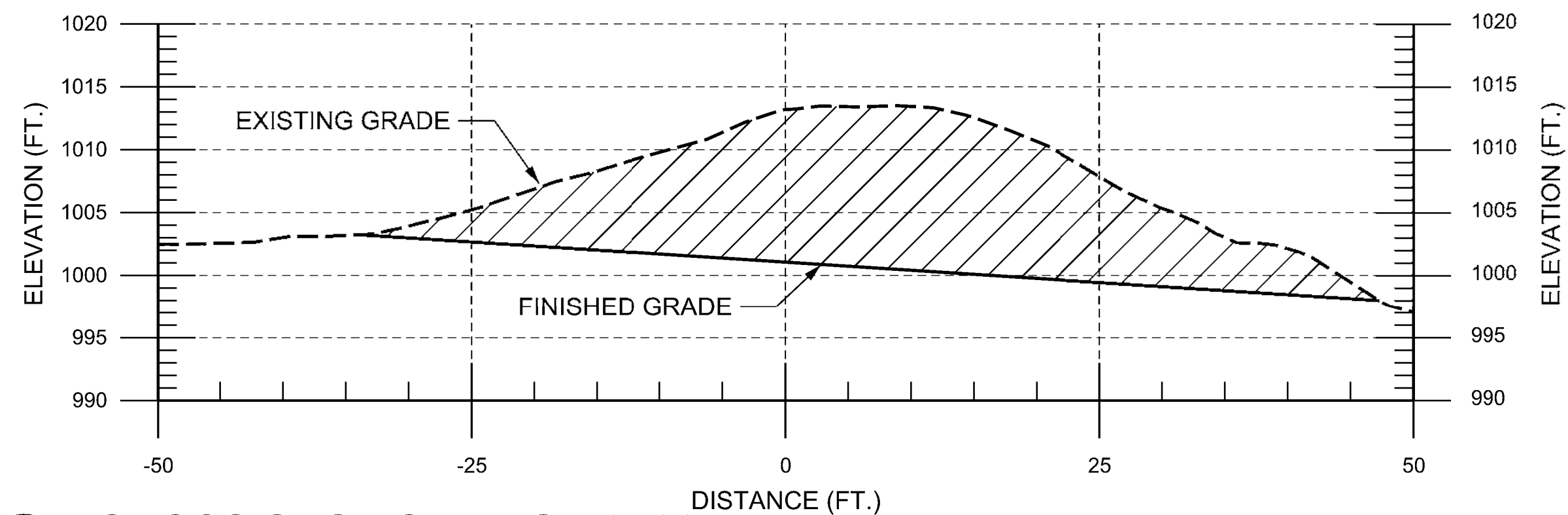
DESIGNED BY: L. FORD		ISSUE DATE: 31 MAY 2022	
DWN BY: J. BARRETT		SOLICITATION NO.:	
CKD BY: G. KATO		CONTRACT NO.:	
SUBMITTED BY: STEPHANIE McKENNA		FILE NUMBER: D-8-4-109	
SIZE: ANSI D			

YAKIMA 1135 SECTION 1135 ECOSYSTEM RESTORATION YAKIMA, WASHINGTON
KOA LEVEE DEGRADATION CROSS SECTIONS 1

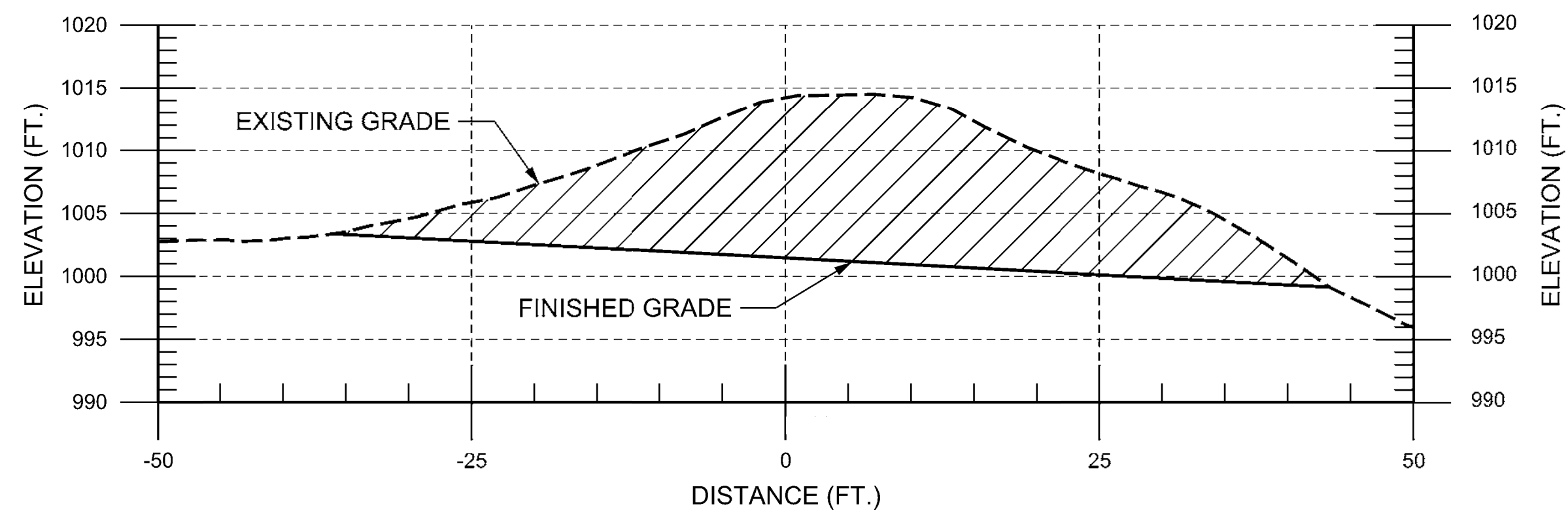
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OPT #1
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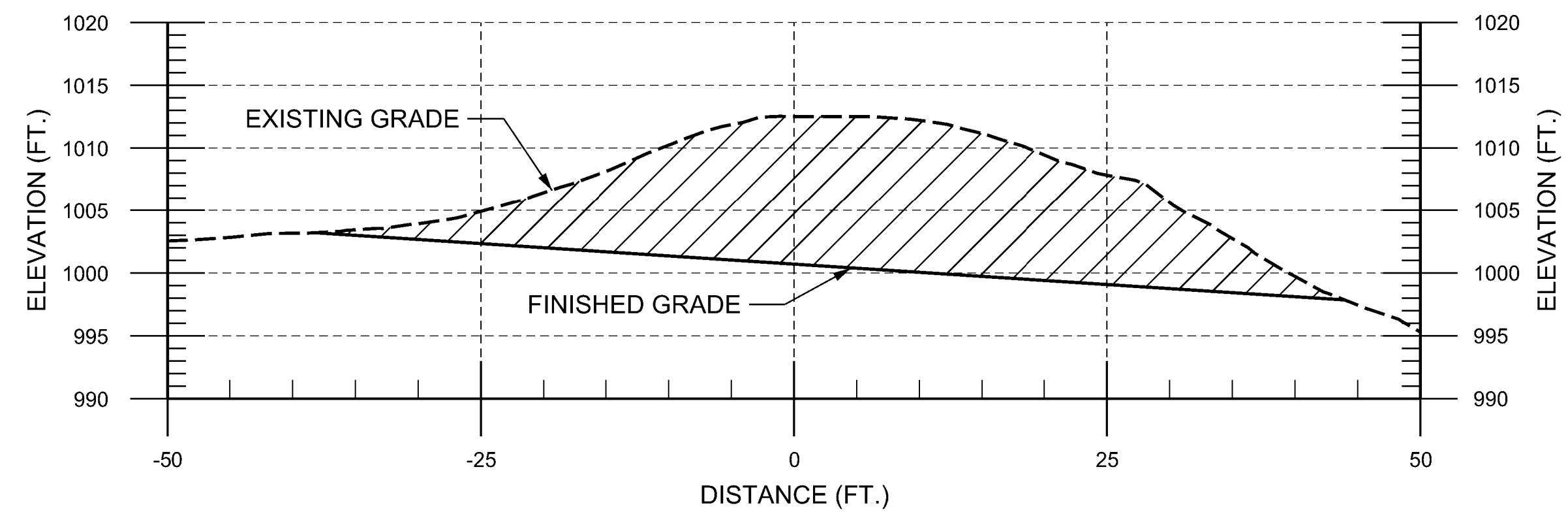
D1 CROSS SECTION - KOA 9+00
1" = 10'
1V:1H



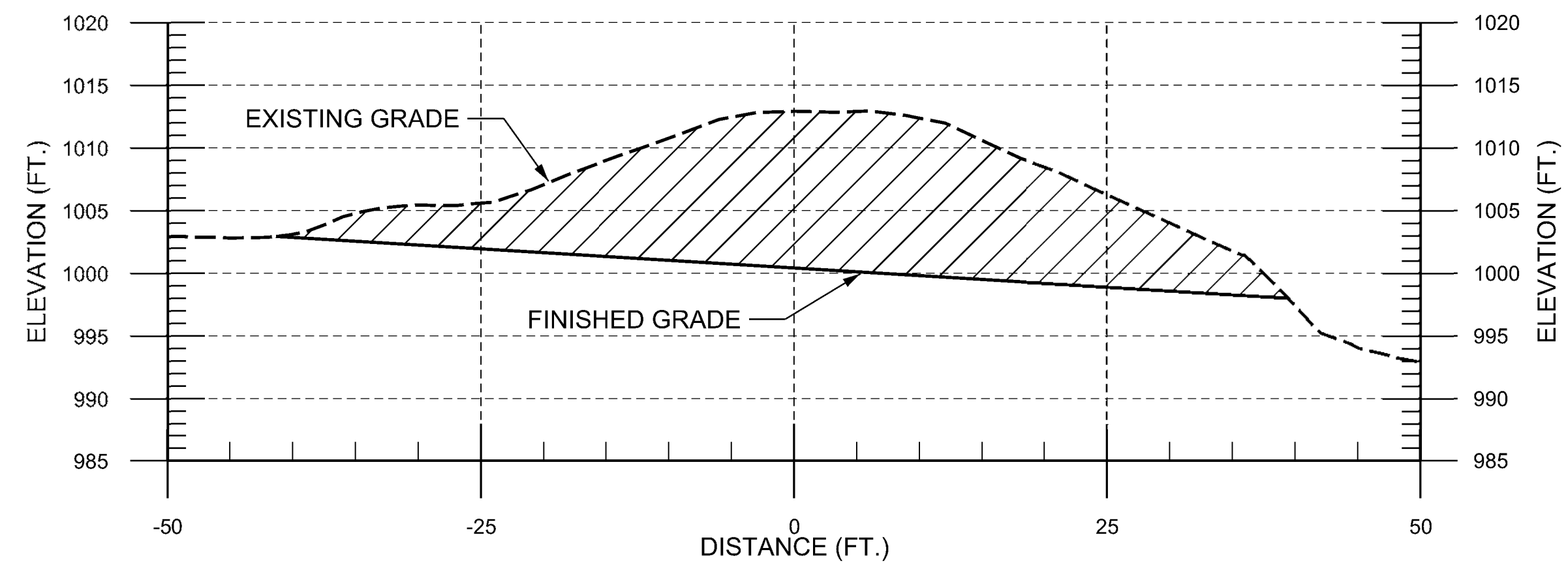
C1 CROSS SECTION - KOA 8+00
1" = 10'
1V:1H



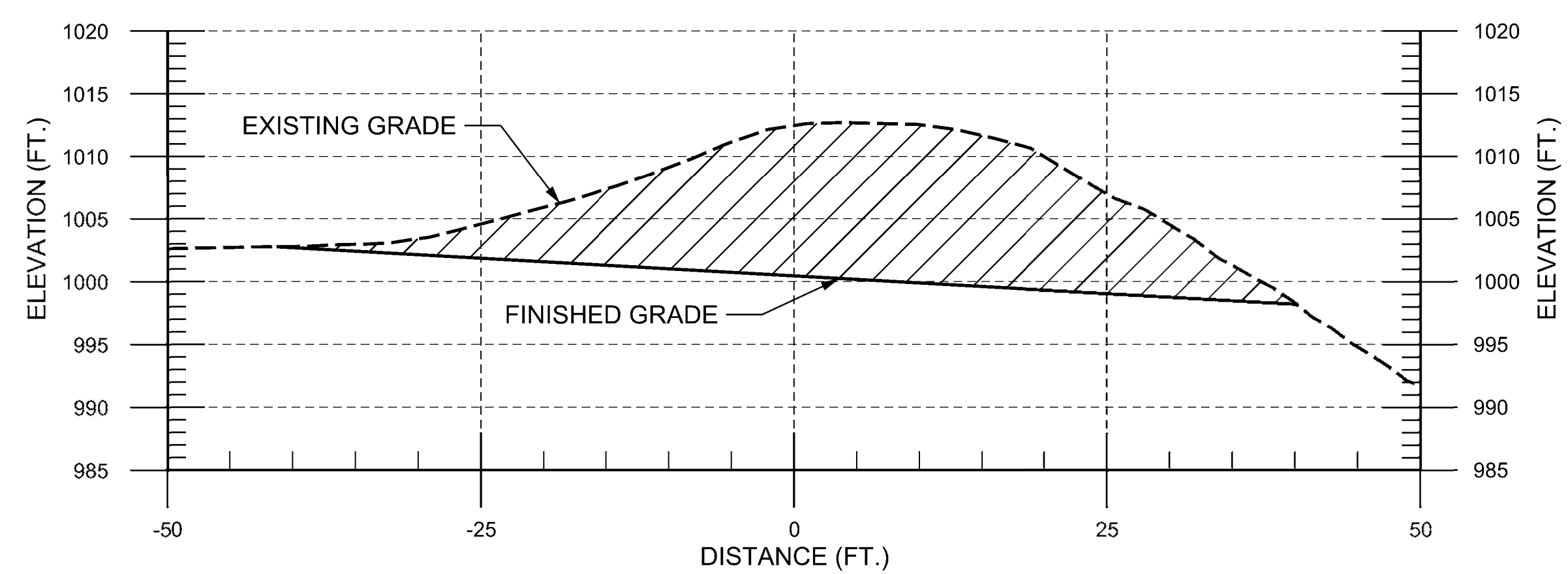
A1 CROSS SECTION - KOA 7+00
1" = 10'
1V:1H



E5 CROSS SECTION - KOA 12+00
1" = 10'
1V:1H






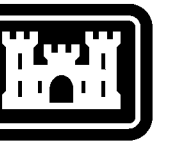
C5 CROSS SECTION - KOA 11+00
1" = 10'
1V:1H



A5 CROSS SECTION - KOA 10+00
1" = 10'
1V:1H

LEGEND

 EXISTING GRADE
 FINISHED GRADE
 FILL OR CUT



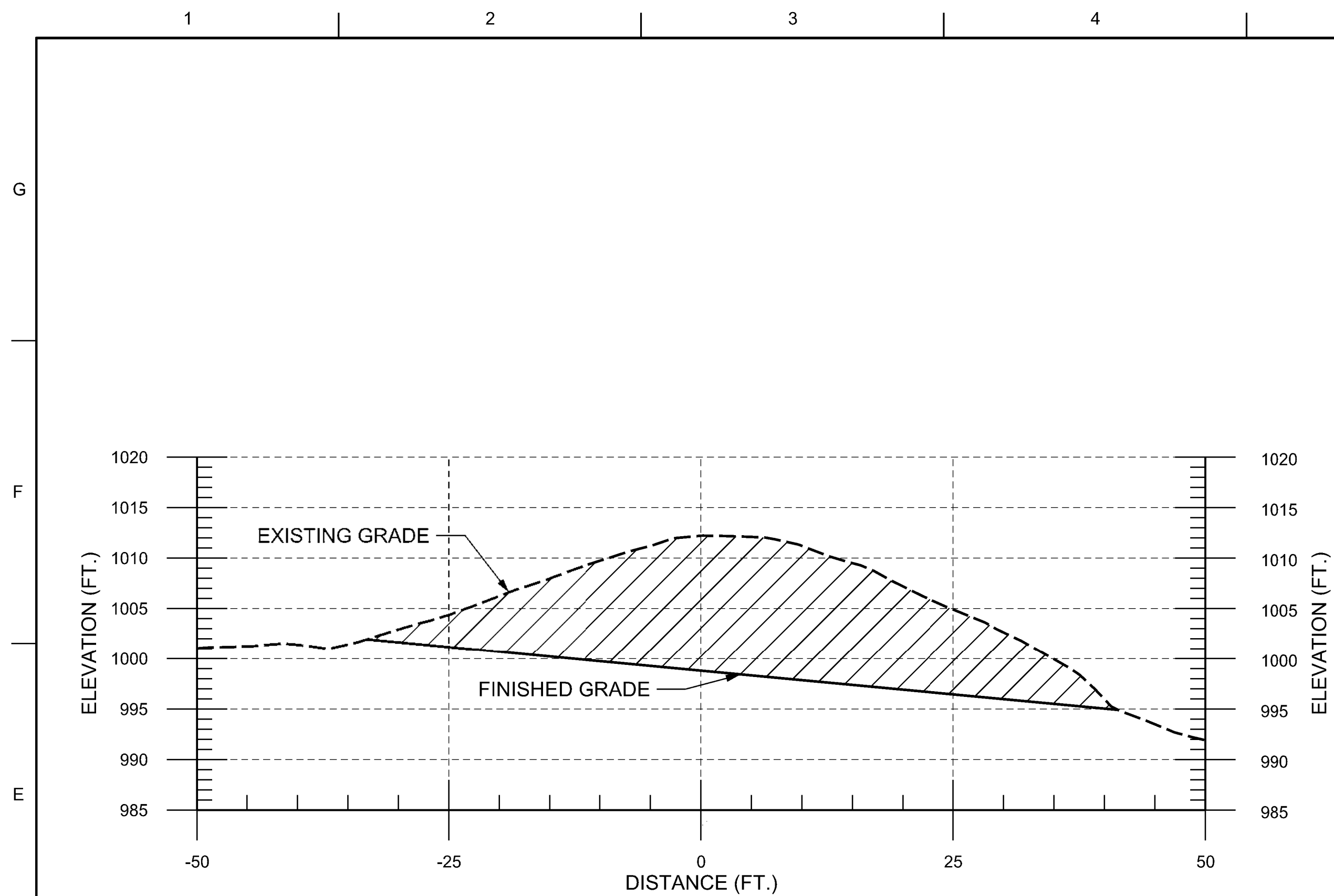
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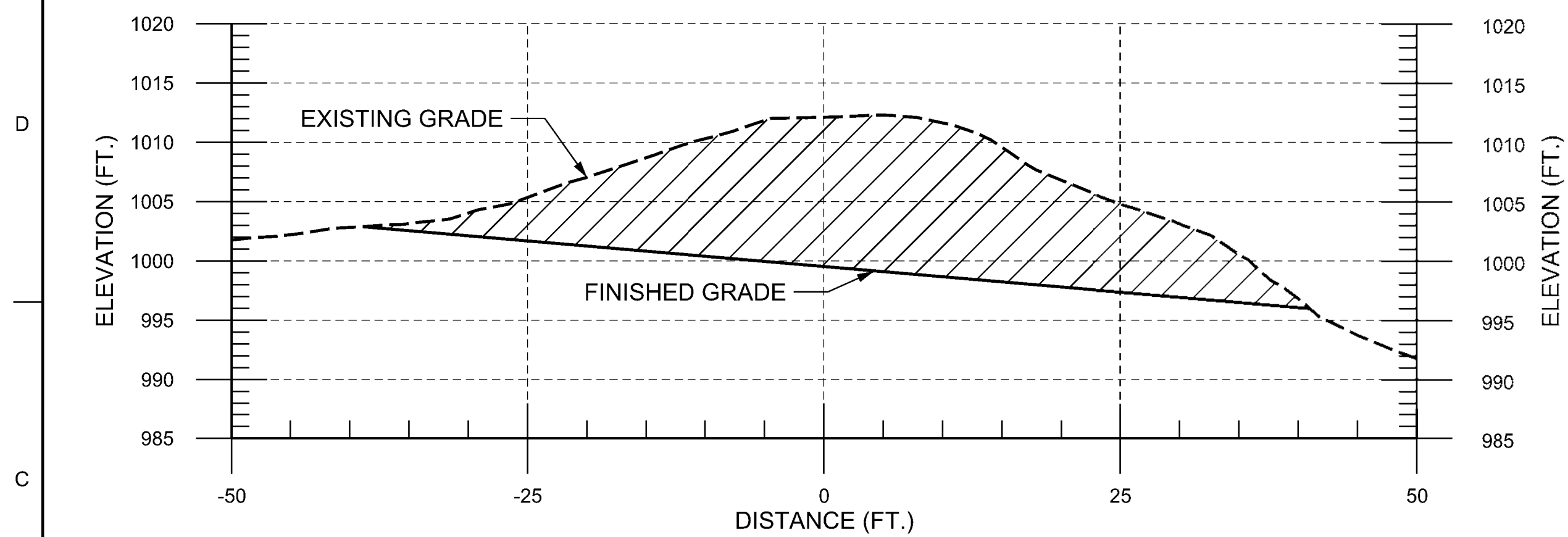
SEATTLE DISTRICT	L. FORD	31 MAY 2022
SEATTLE, WASHINGTON	D. J. GARRETT	SOLICITATION NO.:
	CKO BY:	CONTRACT NO.:
	G. KATO	
	SUBMITTED BY:	FILE NUMBER:
	STEPHANIE MCKENNA	D-84-109
	AKS(I) D	

SECTION 1135 ECOSYSTEM RESTORATION
YAKIMA, WASHINGTON

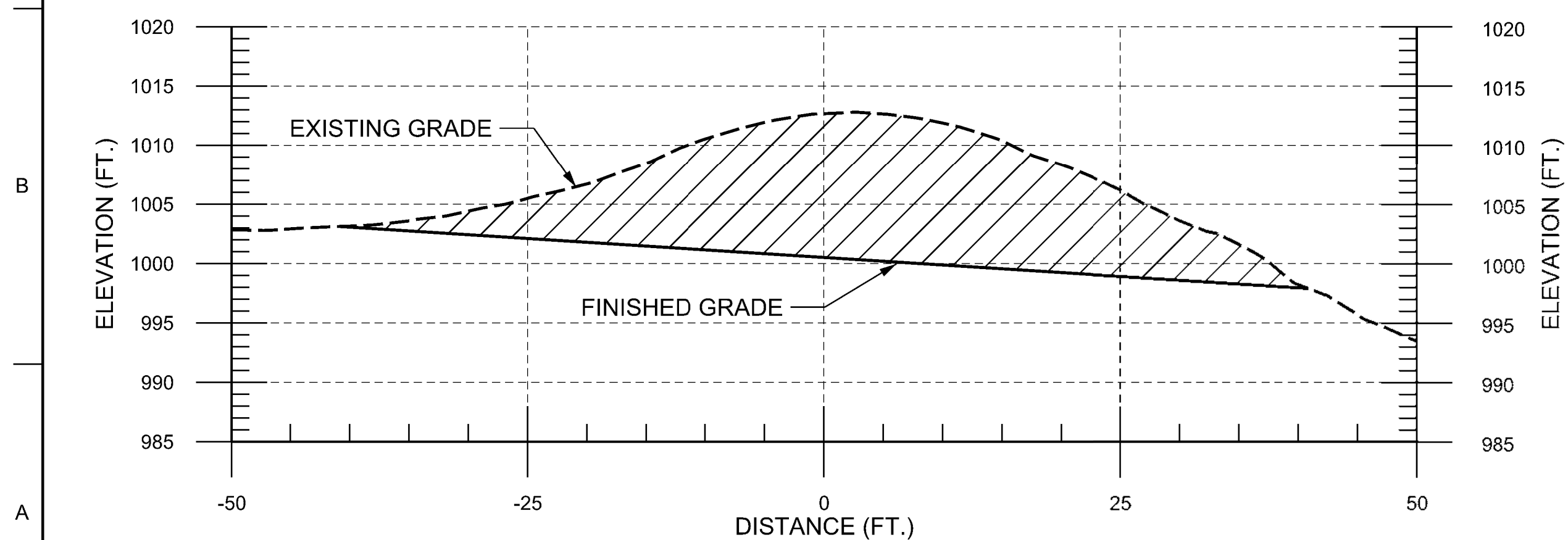
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OPT #1
1-C-303



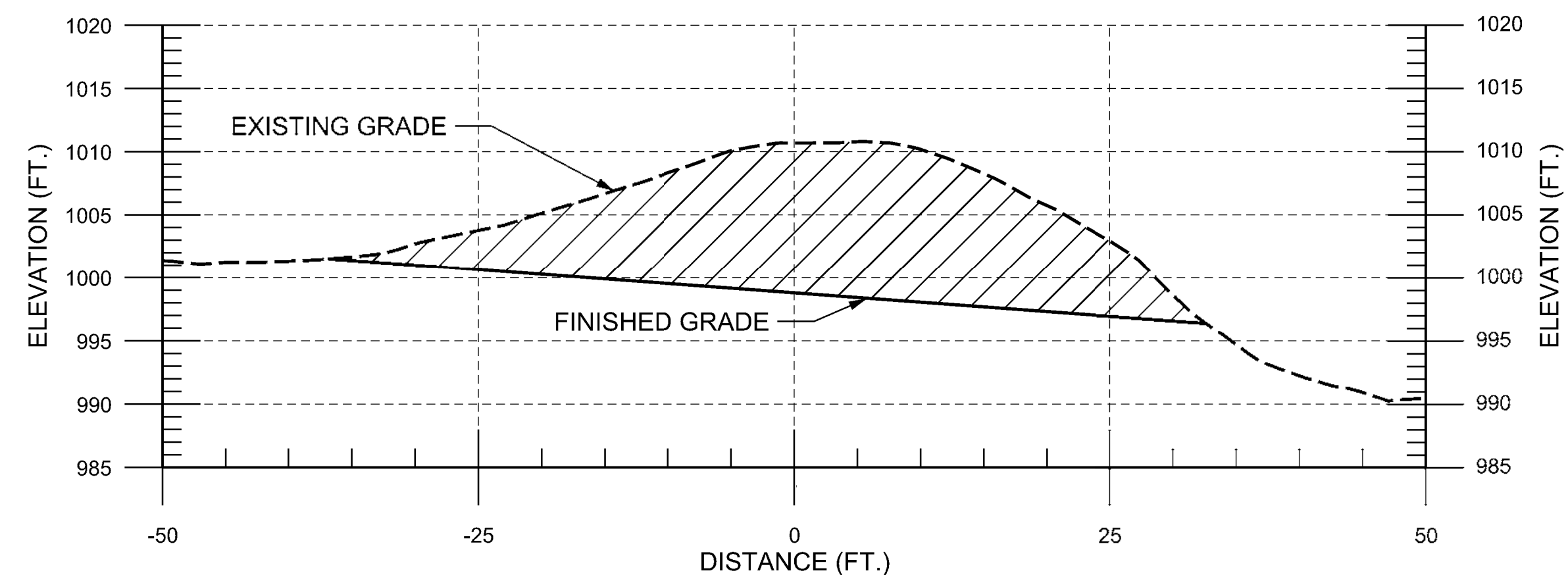
E1 CROSS SECTION - KOA 15+00
1" = 10'
1V:1H



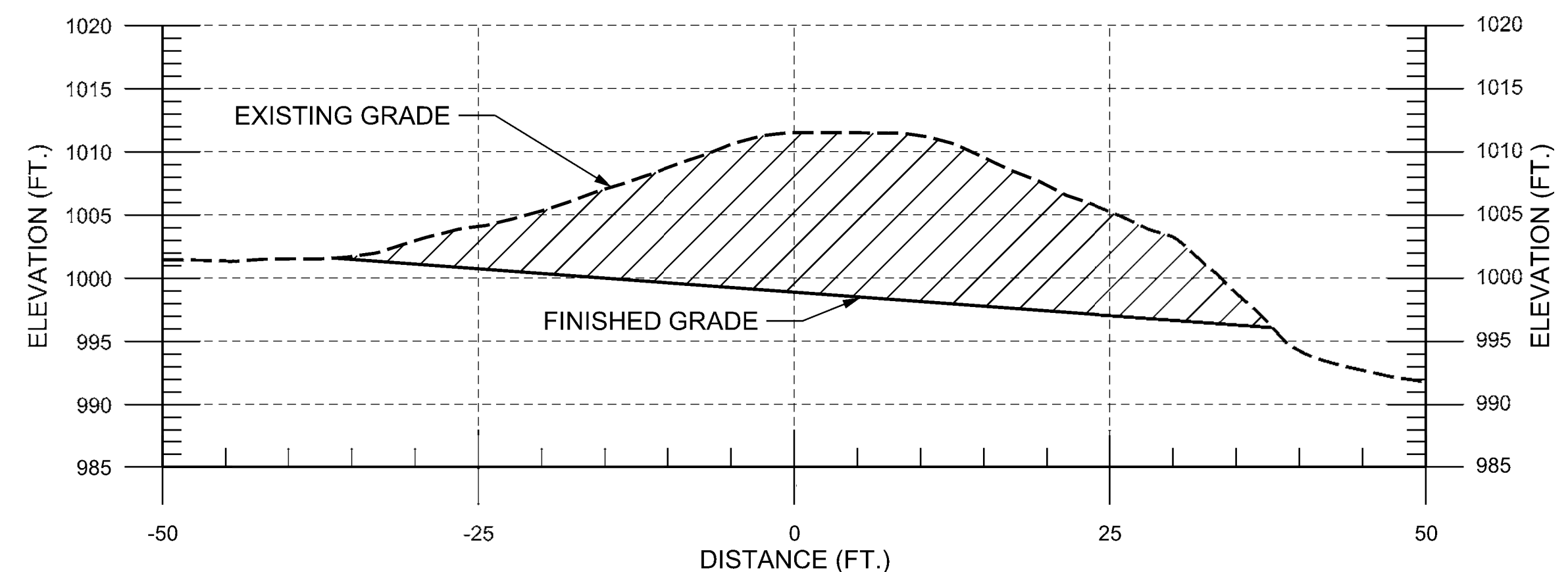
C1 CROSS SECTION - KOA 14+00
1" = 10'
1V:1H



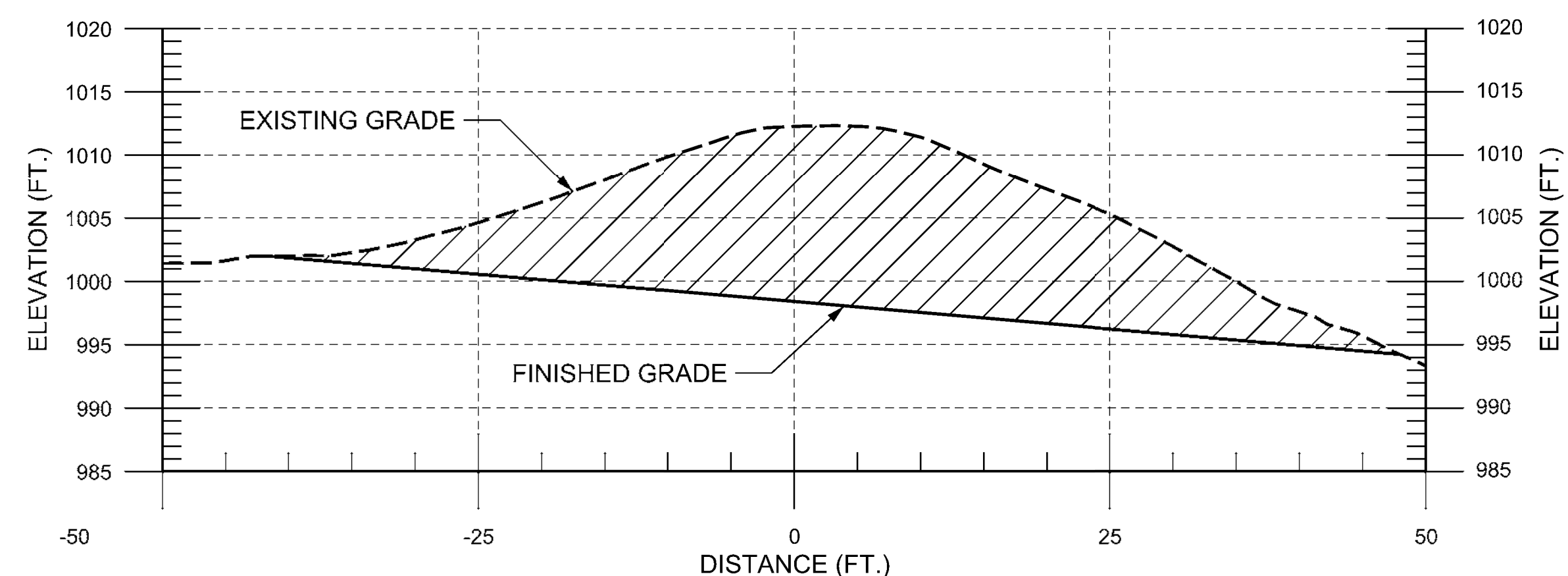
A1 CROSS SECTION - KOA 13+00
1" = 10'
1V:1H



E5 CROSS SECTION - KOA 18+00
1" = 10'
1V:1H






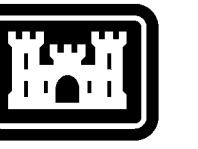
C5 CROSS SECTION - KOA 17+00
1" = 10'
1V:1H



A5 CROSS SECTION - KOA 16+00
1" = 10'
1V:1H

LEGEND

	EXISTING GRADE
	FINISHED GRADE
	FILL OR CUT



US Army Corps
of Engineers ®

[illegible]

U.S. AIRCRAFT	31 MAY 2022
SEATTLE DISTRICT	DIVN BY: L. FORD
SEATTLE, WASHINGTON	SOLICITATION NO.: J. BARRETT
	CONTRACT NO.: G. KATO
	SUBMITTED BY: FILE NUMBER: D-8-4-109
	ANSI D

SECTION 1135 ECOSYSTEM RESTORATION
YAKIMA, WASHINGTON

KOA LEVEE DEGRADATION
CROSS SECTIONS 3

SHEET ID
OPT #1
1-C-304



C1 BLUE SLOUGH REALIGNMENT - GENERAL SITE PLAN
1" = 100'

GENERAL NOTES:

1. STAKE CENTERLINE AND CLEARING LIMITS FOR APPROVAL PRIOR TO INITIATING GROUND DISTURBANCE ACTIVITIES.
2. ALL MAN-MADE OBSTRUCTIONS, STRUCTURES, SPOIL PILES, EMBANKMENT, TREES AND SHRUBS, GARBAGE AND DEBRIS IN THE CLEARING LIMITS ARE TO BE DEMOLISHED AND REMOVED AND THEN GRADED SMOOTH PER THE PLANS AND SPECIFICATIONS.
3. DISPOSE OF GARBAGE AND DEBRIS IN YAKIMA COUNTY APPROVED LOCATIONS ONLY.
4. ALL EXISTING TREES AND SHRUBS ARE TO BE REMOVED IN THE VEGETATION FREE ZONE. GRASSES IN UNDISTURBED AREAS WITHIN THE VEGETATION FREE ZONE MAY REMAIN.

LEGEND

- VEGETATION FREE ZONE
- LEVEE BENCH
- - - - - LEVEE TOE
- - - - - BLUE SLOUGH
- PL — PROPERTY LINE
- [Hatched Box] WETLAND MITIGATION

US Army Corps
of Engineers ®

MARK		DESCRIPTION	DATE

DESIGNED BY: L. FORD	ISSUE DATE: 31 MAY 2022
DWN BY: J. BARRETT	SOLICITATION NO.:
C. KATO	CONTRACT NO.:
SUBMITTED BY: STEPHANIE MCKENNA	FILE NUMBER: D-8-4-109
SIZE: ANSI D	

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT
SEATTLE, WASHINGTON

YAKIMA 1135 ECOSYSTEM RESTORATION
YAKIMA, WASHINGTON

BLUE SLOUGH REALIGNMENT
GENERAL SITE PLAN

SHEET ID
OPT #1
1-CS101

