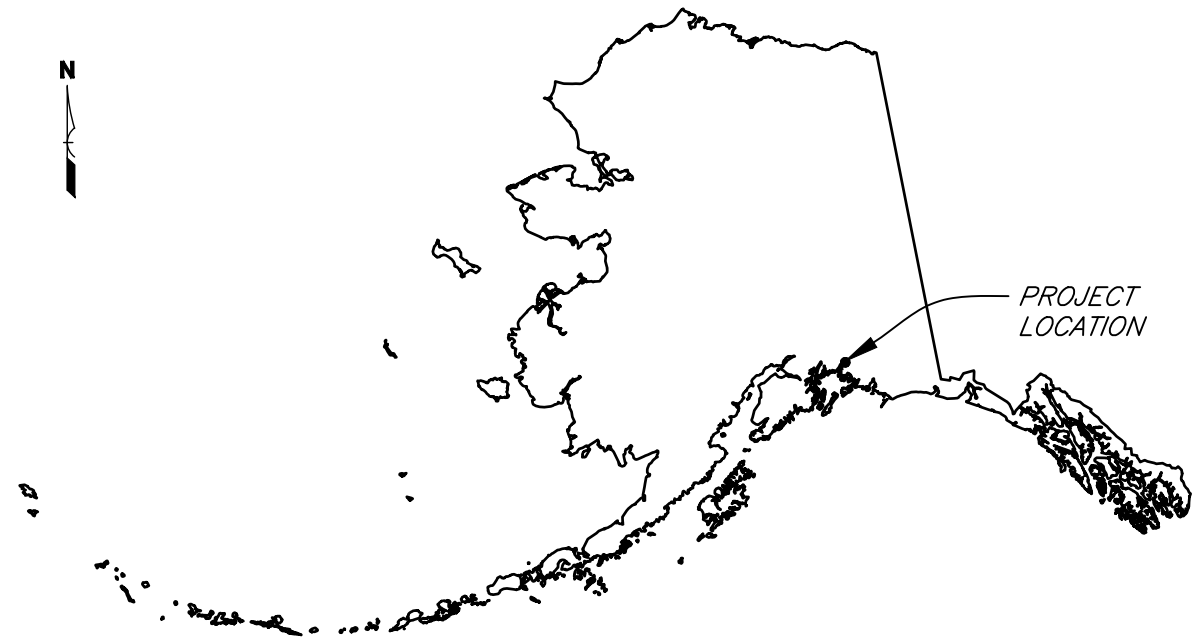
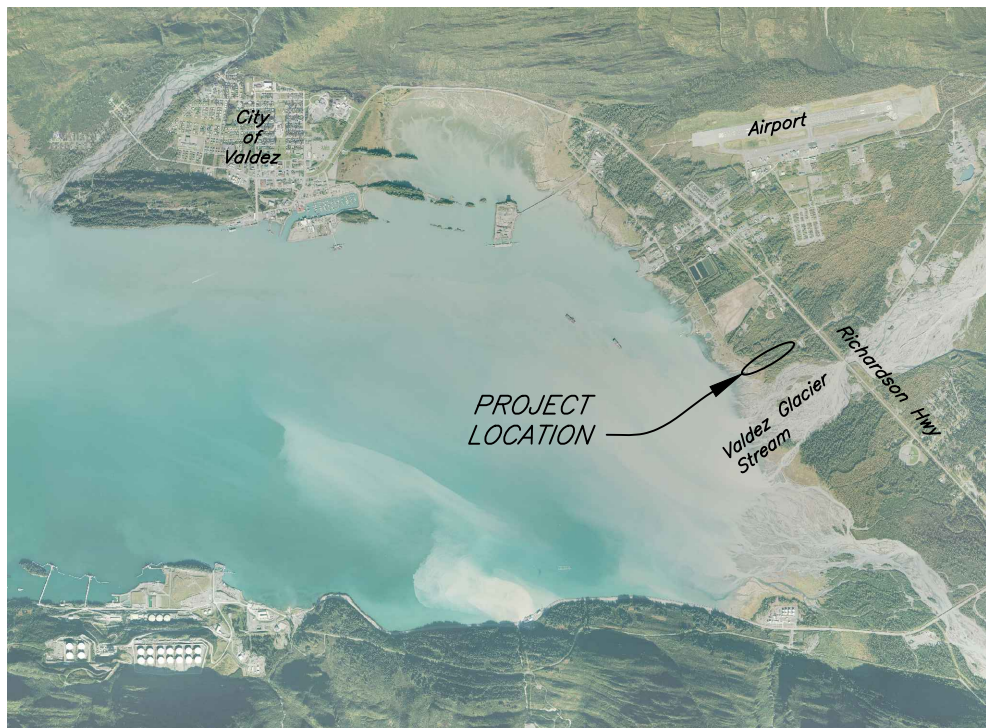




ALASKA
LOCATION MAP
Not To Scale



VICINITY MAP
Not To Scale

VALDEZ GLACIER STREAM EMERGENCY WATERSHED PROJECT VALDEZ, ALASKA

PLANS FOR THE CONSTRUCTION OF TRAINING DIKE AND RIPRAP REVETMENT

PREPARED FOR THE CITY OF VALDEZ
BY



INDEX OF DRAWINGS

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GENERAL NOTES

- Any coordinates shown are based on survey point number 1 labeled as IP-1 which is in UTM Zone 6 North Datum NAD1983(2011) coordinates. These coordinates were derived from an OPUS solution and is measured horizontal surface in U.S. survey feet.
- Elevations are in U.S. survey feet and the datum is NAVD88 computed using Geoid 12B.
- Any stationing refers to centerline or baseline of construction and is the measured horizontal surface.
- No representation is made as to the existence or non-existence of any utilities, public or private. Absence of any utilities on these drawings is not assurance that no utilities are present. If buried utilities are shown, the location and depth are approximate. The specific location and depth of any utility must be determined by the utility prior to any excavation.



Date	09/2016
Designed	L. STEINKE
Drawn	B. DALLAS
Checked	B. NELSON
Approved	

COVER SHEET
VALDEZ GLACIER STREAM EWP
STREAMBANK EROSION
CITY OF VALDEZ



File Name	SEE LEFT BORDER
Drawing Name	SAME AS FILE NAME



TRAINING DIKE – ALIGNMENT DATA						
Number*	Start Station	Line/Chord Azimuth	Delta Angle	Radius	Length	Start Point (N, E)
L1	1+00.00	231°44'14.64"			195.00'	22229134.61, 1773415.26
C1	2+95.00	237°12'35.50"	10°56'41.72"	500.00	95.51'	22229013.85, 1773262.15
L2	3+90.51	242°40'56.36"			1834.49'	22228962.21, 1773181.98

RAMP – ALIGNMENT DATA						
Number*	Start Station	Line/Chord Azimuth	Delta Angle	Radius	Length	Start Point (N, E)
L3	50+00.00	242°40'56.36"			10.02'	22228453.03, 1772196.23
C2	50+10.02	250°16'23.64"	15°10'54.57"	300.00	79.49'	22228448.44, 1772187.32
L4	50+89.51	257°51'50.93"			100.50'	22228421.68, 1772112.72
C3	51+90.01	268°22'02.73"	21°00'23.60"	300.00	109.99'	22228400.56, 1772014.47

* See Plan Profile drawings for alignment segment numbers



Work Limits Point Table			
Point #	Northing	Easting	Description
300	22229224.46	1773408.08	WORK LIMITS
301	22229087.05	1773516.45	WORK LIMITS
302	22228899.74	1773278.95	WORK LIMITS
303	22228019.99	1771575.76	WORK LIMITS
304	22228175.48	1771495.45	WORK LIMITS
305	22228357.75	1771848.34	WORK LIMITS
306	22228479.25	1771867.30	WORK LIMITS
307	22228465.11	1771957.92	WORK LIMITS
308	22228501.31	1772126.26	WORK LIMITS
309	22229047.53	1773183.74	WORK LIMITS

Survey Monuments Table					
Point #	Northing	Easting	Elevation	Name	Description
1	22228344.33	1775456.20	50.65	IP-1	#4 Rebar
2	22228575.32	1775298.64	50.59	REFPT 1	Corner Point of Concrete Curb
3	22228903.22	1771061.75	12.89	IP-2	#4 Rebar
20	22231341.88	1772517.92	38.46	ROW MON	Rebar with Aluminum Cap

United States
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LOCATION MAP
VALDEZ GLACIER STREAM EWP
STREAMBANK EROSION
CITY OF VALDEZ
ALASKA

Designed
L. STEINKE

Drawn
B. DALLAS

Checked
B. NELSON

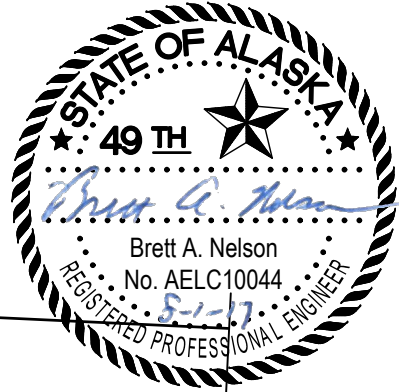
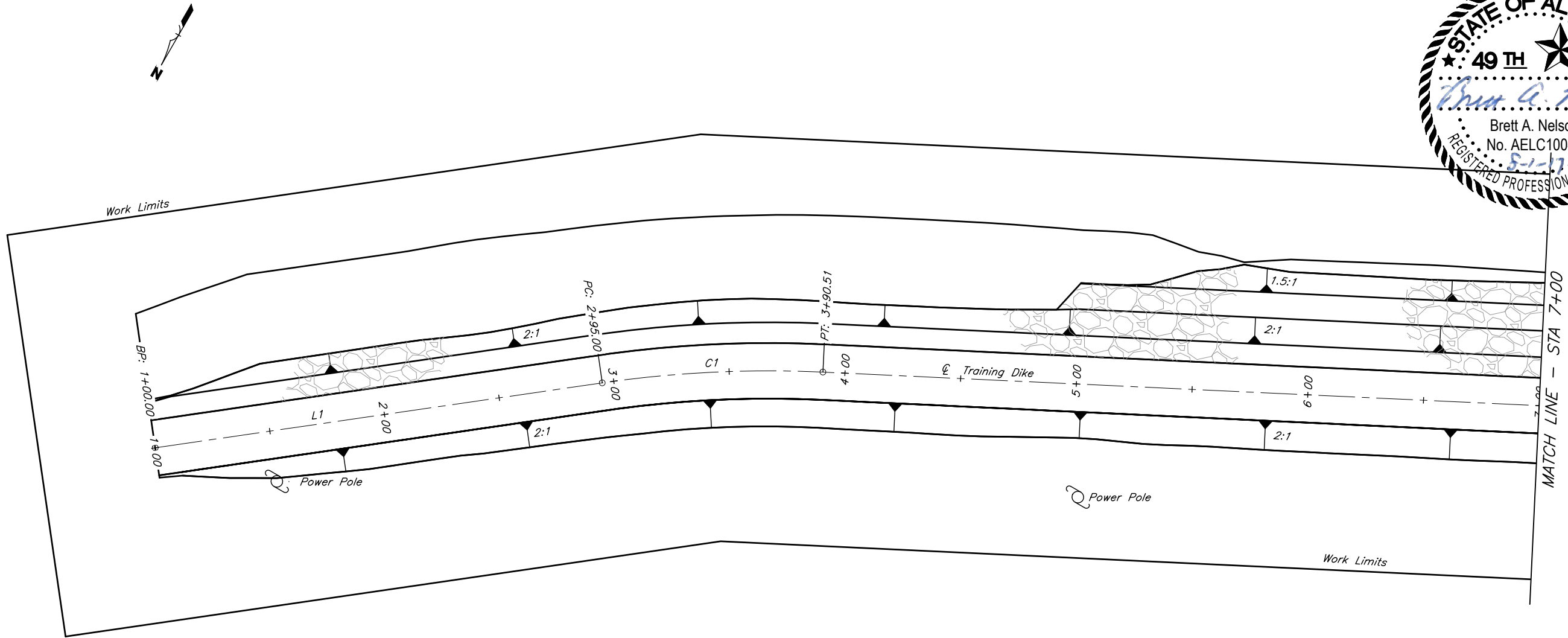
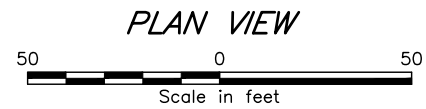
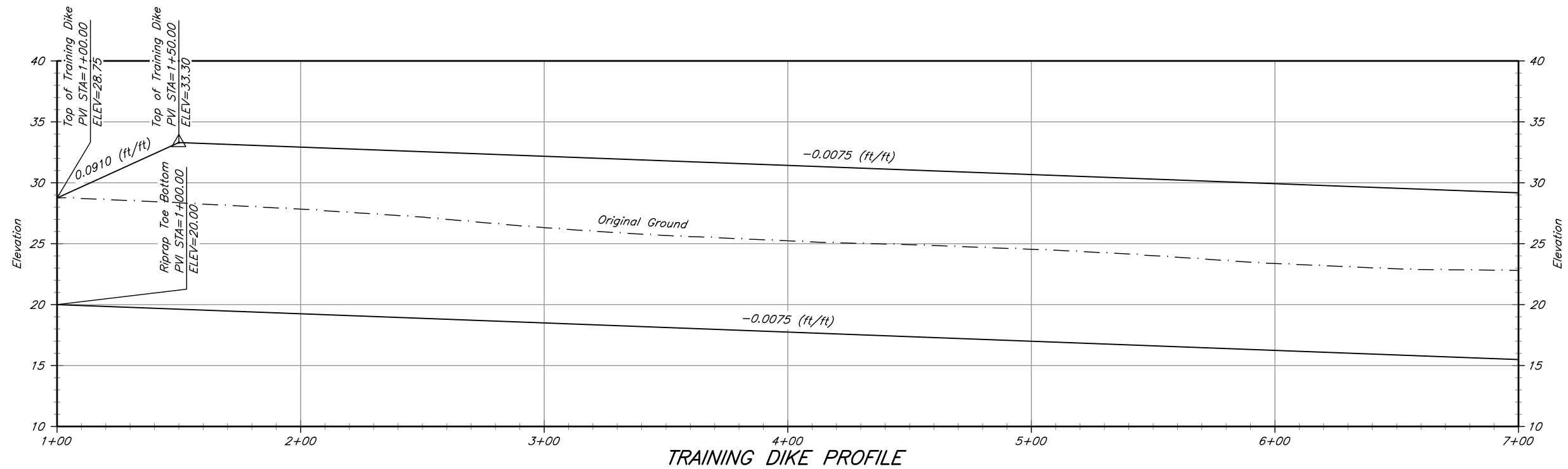
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Date
09/2016
09/2016
10/2019

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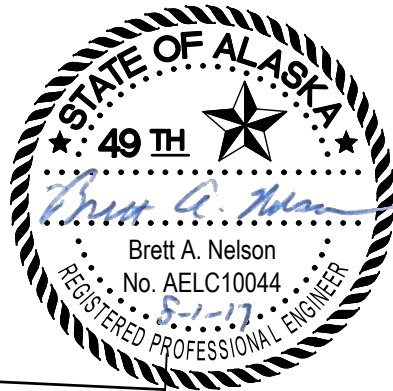
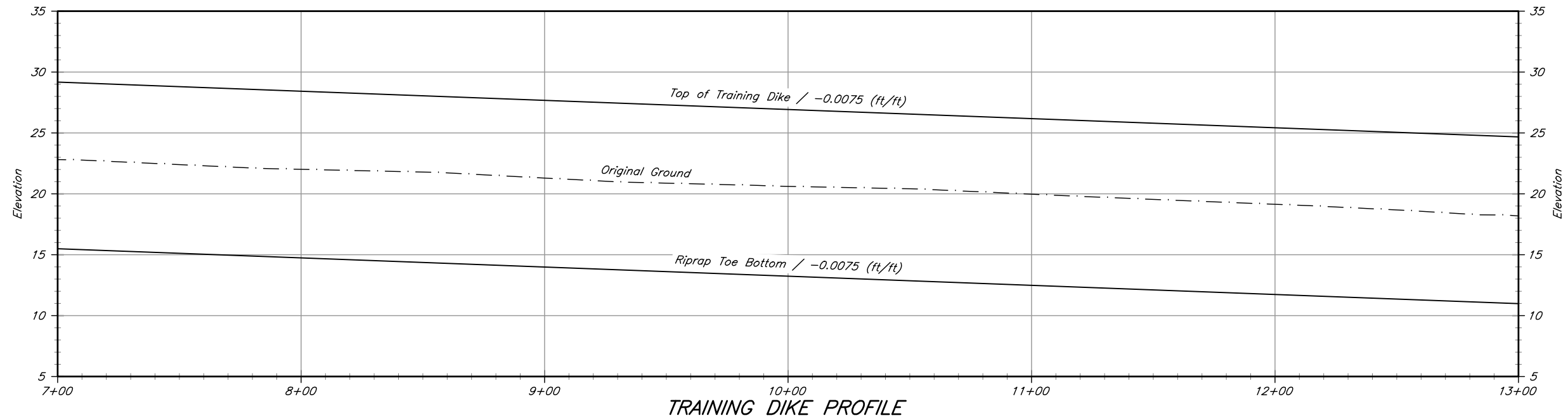
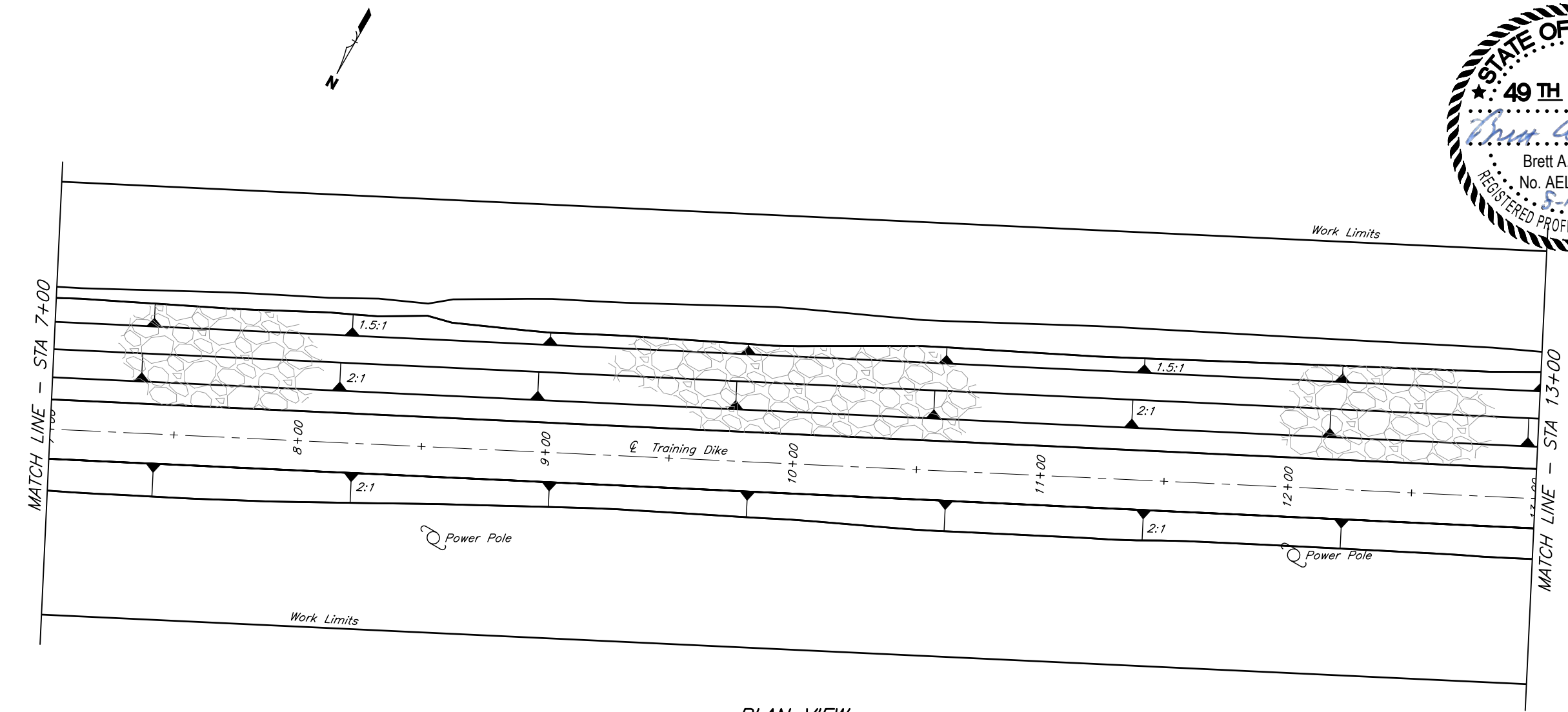
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Sheet 2 of 8



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	Drawing Name SAME AS FILE NAME		Designed L. STEINKE	
	Sheet 3 of 8		Drawn B. DALLAS	
			Checked B. NELSON	
PLAN PROFILE - STA 1+00 TO 7+00		VALDEZ GLACIER STREAM EWP		ALASKA
STREAMBANK EROSION		CITY OF VALDEZ		VALDEZ

Valdez Glacier Stream.dwg 4-PP 8/1/2017 10:44AM



PLAN PROFILE - STA 7+00 TO 13+00

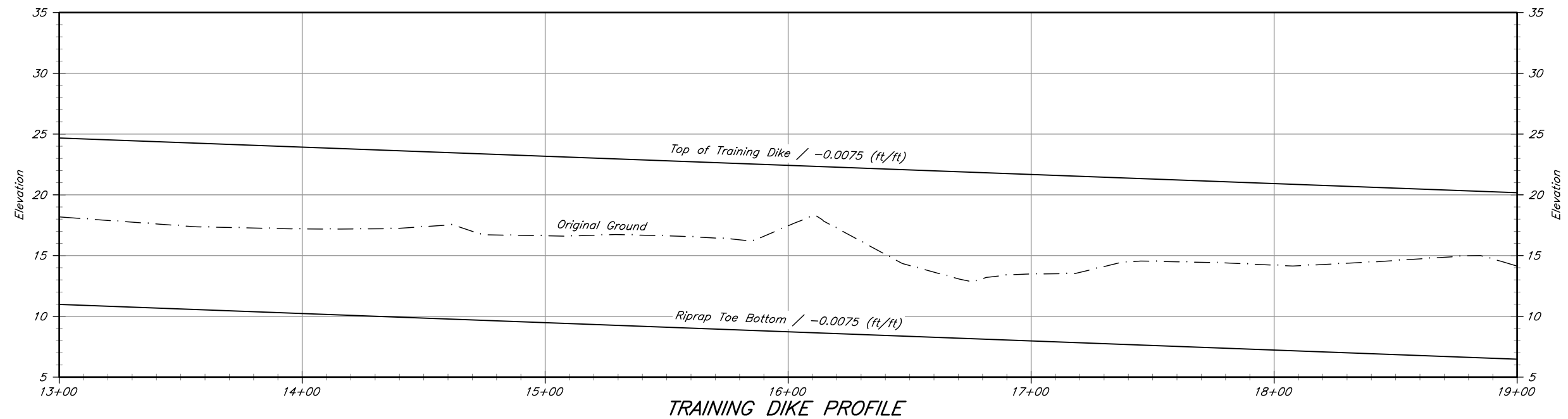
VALDEZ GLACIER STREAM EWP
STREAMBANK EROSION
CITY OF VALDEZ



Date	09/2016
Designed	L. STEINKE
Drawn	B. DALLAS
Checked	B. NELSON
Approved	

ALASKA

VALDEZ



PLAN PROFILE - STA 13+00 TO 19+00

VALDEZ GLACIER STREAM EWP

STREAMBANK EROSION

CITY OF VALDEZ

VALDEZ



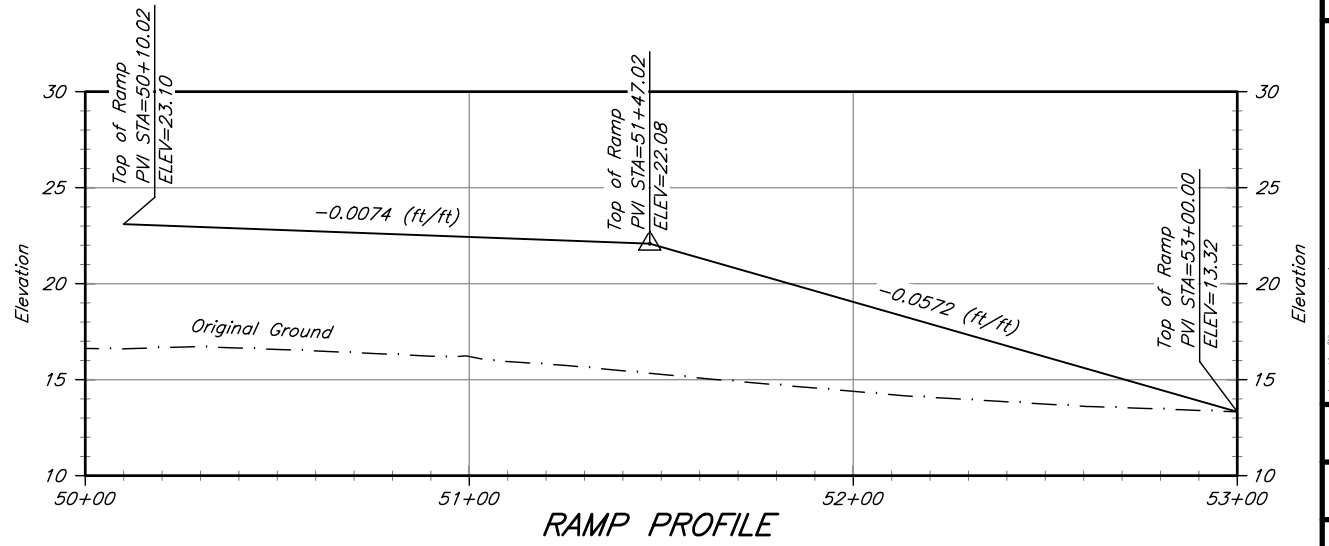
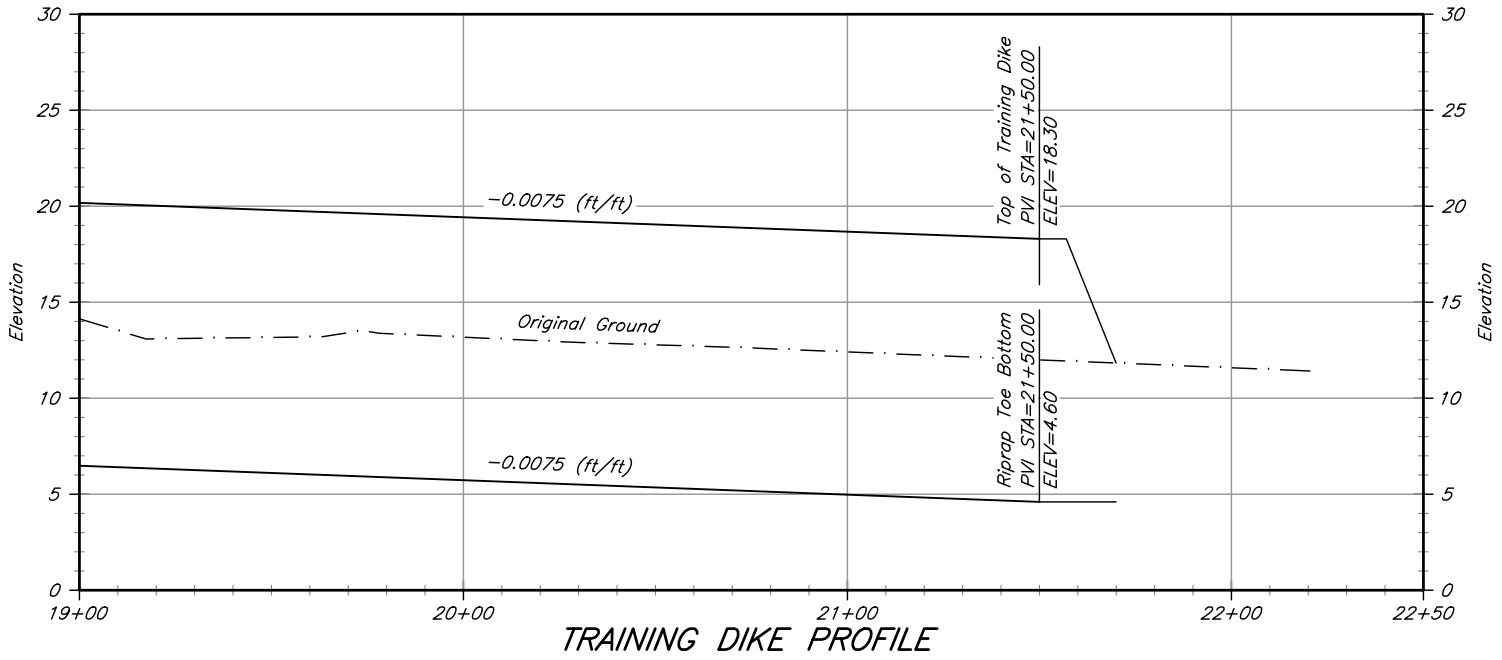
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Natural Resources Conservation Service

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Drawn	B DALLAS 09/2016
Checked	B NELSON 10/2019
Approved	



Plan view of a training dike. The dike is shown with a 1.5:1 slope and a 2:1 slope. The dike is labeled "Training Dike" and "Work Limits". The stationing is shown from STA 19+00 to STA 22+25.00. A note indicates to wrap both riprap blankets around the end of the Training Dike.

PLAN VIEW

50 0 50



Scale in feet

NOTE:
Wrap both riprap blankets
around end of Training Dike

PLAN PROFILE - STA 19+00 TO 22+25

VALDEZ GLACIER STREAM EWP

STREAMBANK EROSION

CITY OF VALDEZ

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United States
Department of
Agriculture

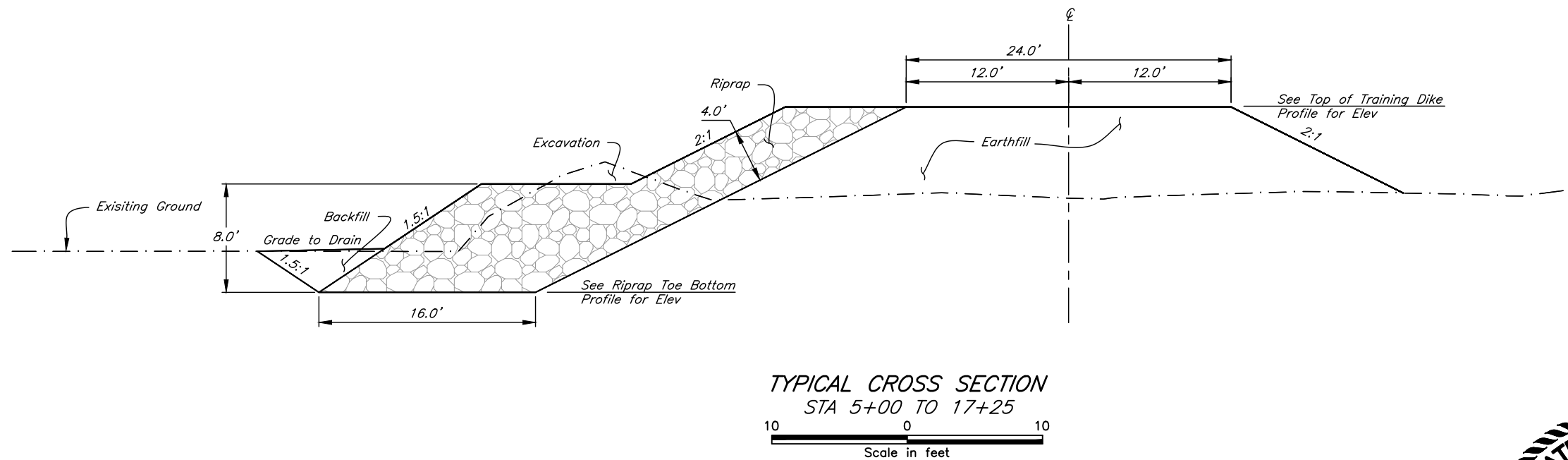
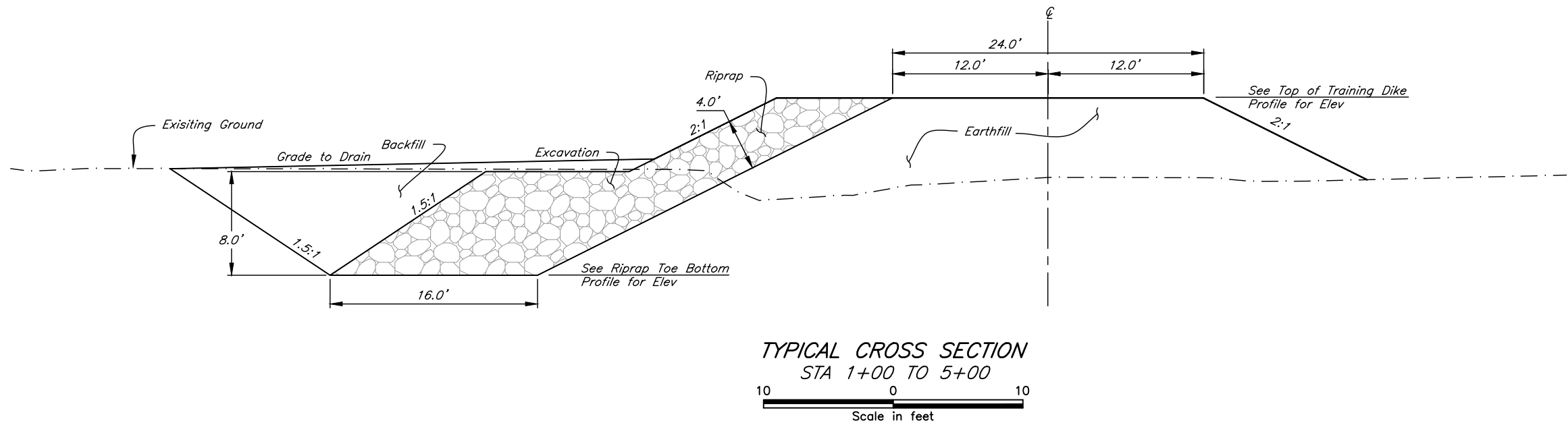
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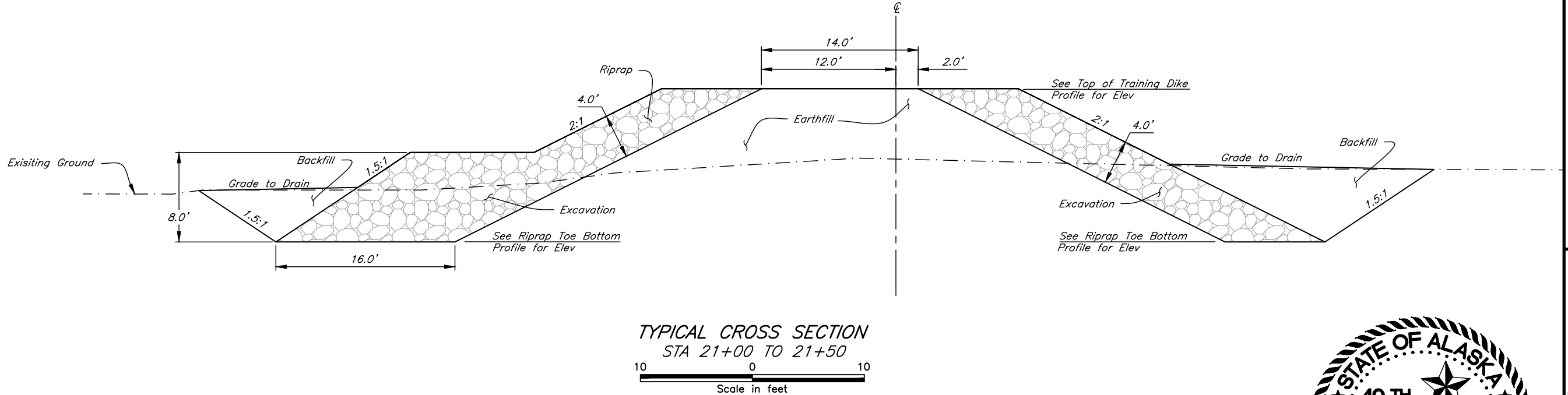
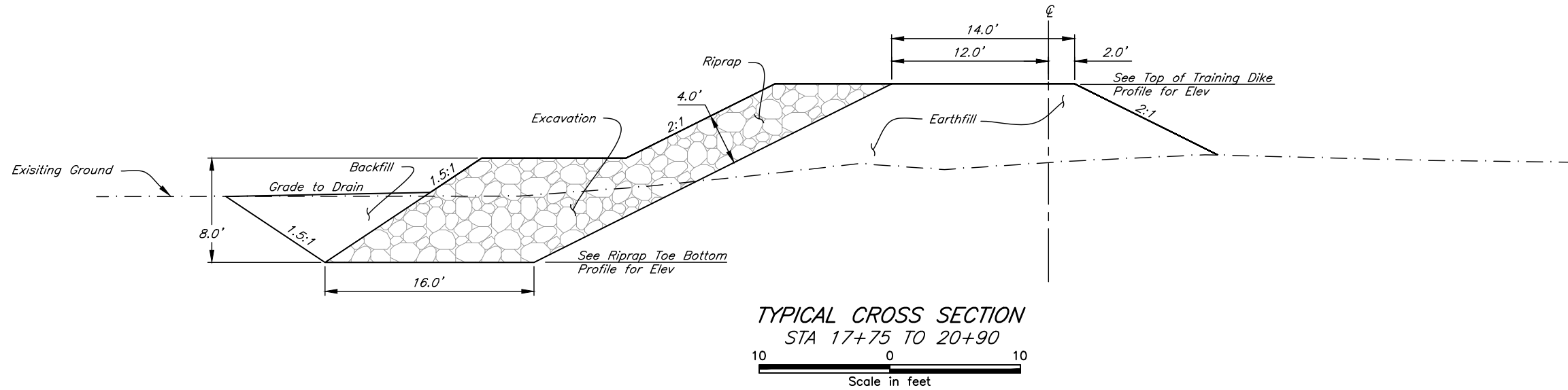
	Date
Designed	L STEINKE
Drawn	B DALLAS
Checked	B NELSON
Approved	

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United States Department of Agriculture	TYPICAL CROSS SECTIONS		ALASKA	Designed	L. STEINKE	09/2016
	VALDEZ GLACIER STREAM EWP		VALDEZ	Drawn	B. DALLAS	09/2016
	STREAMBANK EROSION		CITY OF VALDEZ	Checked	B. NELSON	10/2019
	Conservation Service			Approved		
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Date	09/2016
Designed	L. STEINKE
Drawn	B. DALLAS
Checked	B. NELSON
Approved	

TYPICAL CROSS SECTIONS
VALDEZ GLACIER STREAM EWP
STREAMBANK EROSION
CITY OF VALDEZ
ALASKA

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