

**STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND AND WATER
SOUTHCENTRAL REGIONAL OFFICE
550 W. 7TH AVE., SUITE 900 C
ANCHORAGE, AK 99501-3577**

PUBLIC NOTICE

ADL 232822

**Public easement application for erosion control structures
at the mouth of Glacier Creek, Valdez, Alaska.**

AS 38.05.850

In accordance with the provisions of AS 38.05.850, the Department of Natural Resources, Division of Mining, Land and Water, Southcentral Region Office is considering an easement application for erosion control structures proposed for construction at the mouth of Glacier Creek, Valdez, Alaska, specifically on State owned, DNR-DMLW managed tidelands within Sections 2 and 11, Township 9 South, Range 6 West, Copper River Meridian, Alaska. Please see attachments for additional location information. Nothing herein implies the establishment of an easement across non-DMLW managed lands, even if such properties are depicted on project related maps, plans and drawings.

Members of the public and interested parties are invited to comment on this proposal. Comments and questions may be submitted to the attention of Raymond Keough via mail at the DNR DMLW Southcentral Region Office, 550 W. 7th Ave., Suite 900 C, Anchorage AK 99501-3577, via telephone at 907-269-0029, via fax at 907-269-8913, or email to raymond.keough@alaska.gov. All comments must be made in writing and should clearly explain the facts on which they are based and how they pertain to the proposed action. The Division of Mining, Land and Water must receive comments no later than 5:00 pm on Monday, April 24th, 2017. Following the comment deadline, all responses will be reviewed and the Department's decision on this matter may be modified as a result of information received. AS 38.04.058 and 11 AAC 05.100 are available on-line by conducting a search of the webpage located at <http://www.legis.state.ak.us/basis/folio.asp>. The State of Alaska, Department of Natural Resources complies with Title II of the Americans with Disabilities Act of 1990. Individuals with disabilities who may need auxiliary aids, services or special modifications to participate may contact DNR via a TDD number at (907) 269-8411.

The Division of Mining, Land and Water Southcentral Region Office reserves the right to waive technical defects in this notice.

/s/ Clark Cox
Manager, Southcentral Region Office
DNR Division of Mining, Land and Water

CITY OF VALDEZ

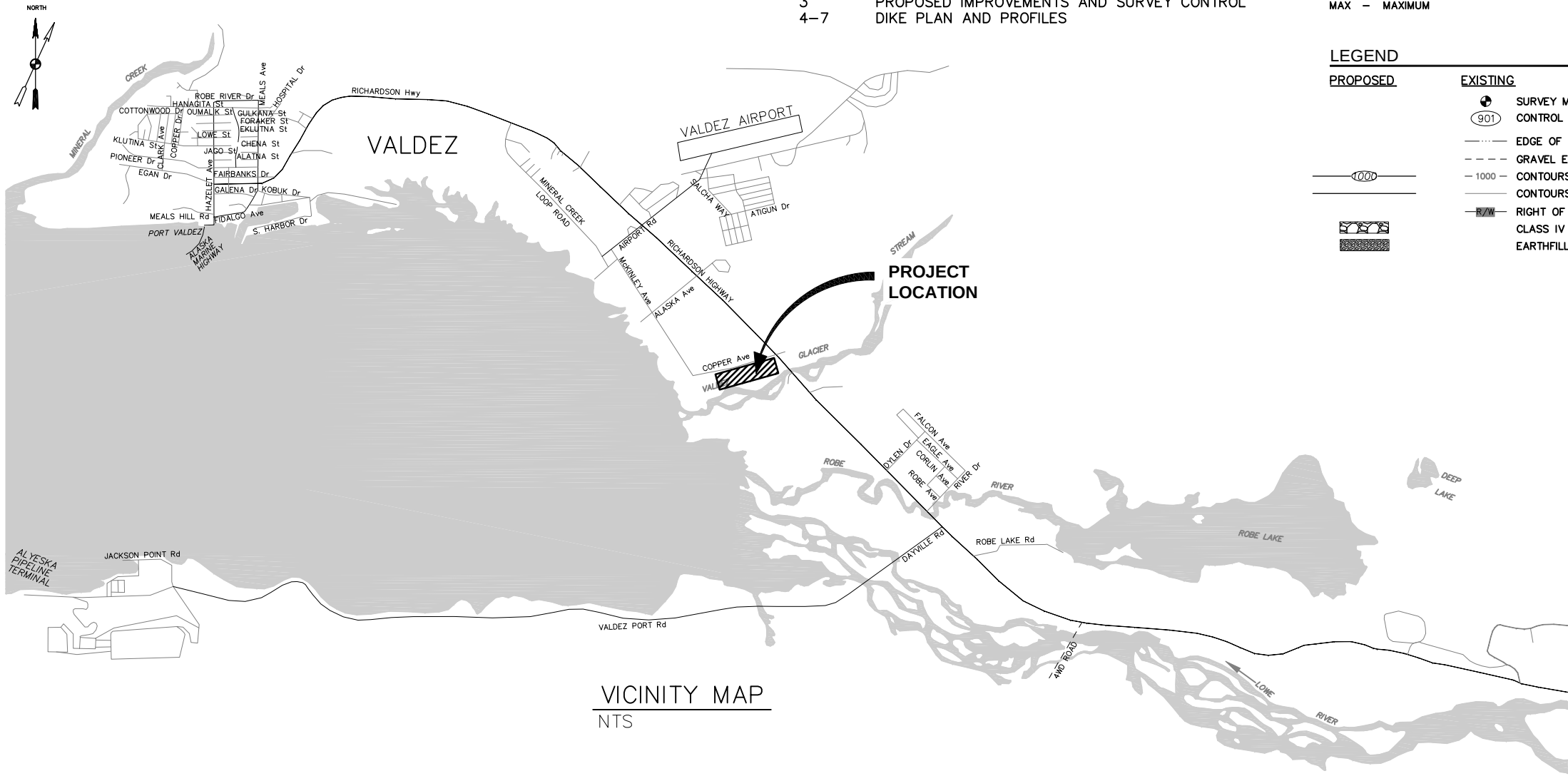
COPPER AVENUE EROSION PROTECTION

AT GLACIER STREAM

VALDEZ, ALASKA



LOCATION MAP
NTS

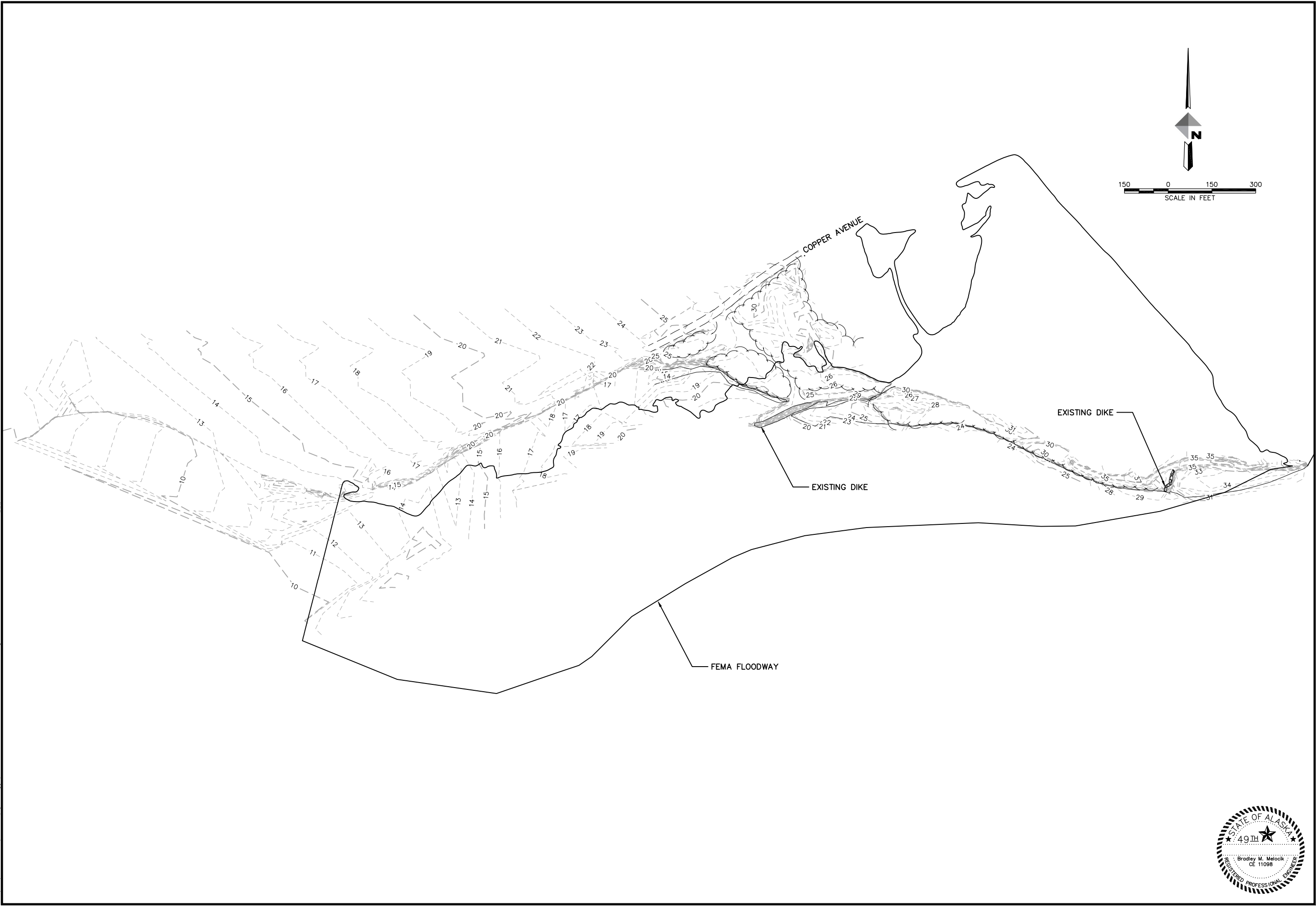


VICINITY MAP
NTS

SPECIFICATIONS:
1. ALL CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE CURRENT CITY OF VALDEZ STANDARD SPECIFICATIONS & STANDARD DETAILS.

ABBREVIATIONS					
CL	-	CENTERLINE	ME	-	MATCH EXISTING
ELEV	-	ELEVATION	MIN	-	MINIMUM
ESC	-	EROSION & SEDIMENT CONTROL	NTS	-	NOT TO SCALE
GB	-	GRADE BREAK	O.C.	-	ON CENTER
HORIZ	-	HORIZONTAL	OHW	-	ORDINARY HIGH WATER
MAX	-	MAXIMUM	FEMA	-	FEDERAL EMERGENCY MANAGEMENT AGENCY

LEGEND	
PROPOSED	EXISTING
	SURVEY MONUMENT
	CONTROL POINTS
	EDGE OF WATER
	GRAVEL EDGE
	CONTOURS MAJOR(5)
	CONTOURS MINOR(1)
	RIGHT OF WAY
	CLASS IV RIPRAP
	EARTHFILL



CITY OF VALDEZ
GLACIER STREAM DOWNSTREAM
EXISTING CONDITIONS

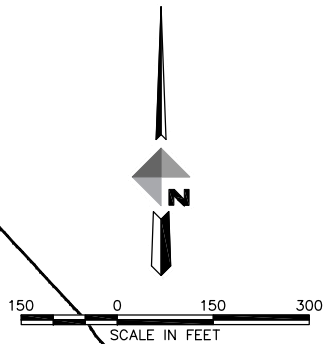
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DESIGNED BY	HCR
DRAWN BY	HCR
DATE	03/23/16
W.O. NO.	62373
F.B. NO.	
REF. DWG	
LOCATION	VALDEZ
	ALASKA

HORZ.	SCALE
VERT.	
SHEET	
	2 OF 7
FILE NO.	

**DOWL**

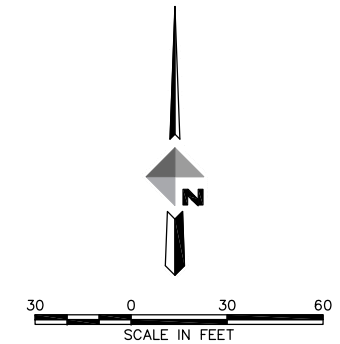
4041 "B" Street
Anchorage, Alaska 99503
PHONE (907) 562-2000 FAX (907) 563-3953

DATA	REV	DATE	DESCRIPTION	BY
Grn. Sewer				
Storm Sewer				
Water				
Gas				
Telephone				
Electric				
Cable TV				
Easements				
Footings Elev.				
Approved				



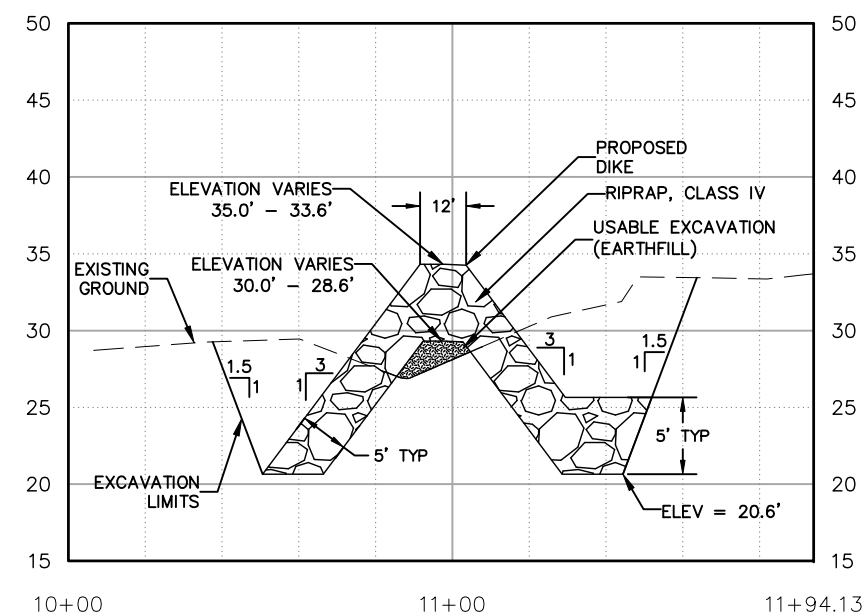
STATE OF ALASKA
49TH
★ ★ ★
Bradley M. Melocik
CE 11098
REGISTERED PROFESSIONAL ENGINEER

HORZ.	SCALE
VERT.	
SHEET	
3 OF 7	
FILE NO.	

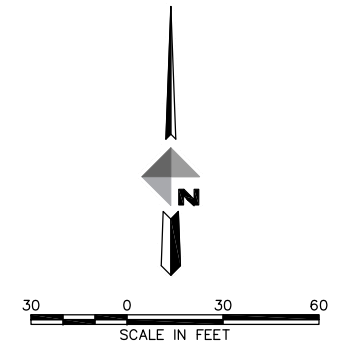


- FOLLOWING PLACEMENT OF RIPRAP, BACKFILL TO EXISTING GROUND ELEVATION.
- 1.5:1 SLOPES USED TO ESTIMATE EXCAVATION LIMITS NECESSARY FOR CONSTRUCTION. FLATTER SLOPES MAY BE NECESSARY FOR STABILITY DURING CONSTRUCTION.
- EXCAVATED MATERIAL SHALL BE USED TO TIE EXISTING BANKS INTO DIKE STRUCTURE. ADDITIONAL MATERIAL SHALL BE PLACED ABOVE OHW AND STOCKPILED ON-SITE FOR FUTURE USE. CONTRACTOR SHALL COORDINATE WITH ENGINEER FOR EXACT LOCATION.
- EXISTING RIPRAP TO REMAIN IN PLACE. TIE NEW RIPRAP INTO EXISTING.

ESTIMATE OF QUANTITIES - DIKE 1		
ITEM	PAY UNIT	QUANTITY
RIPRAP, CLASS IV	CUBIC YARD	2,150
USABLE EXCAVATION (EARTHFILL)	CUBIC YARD	70
EXCESS EXCAVATION	CUBIC YARD	1,770

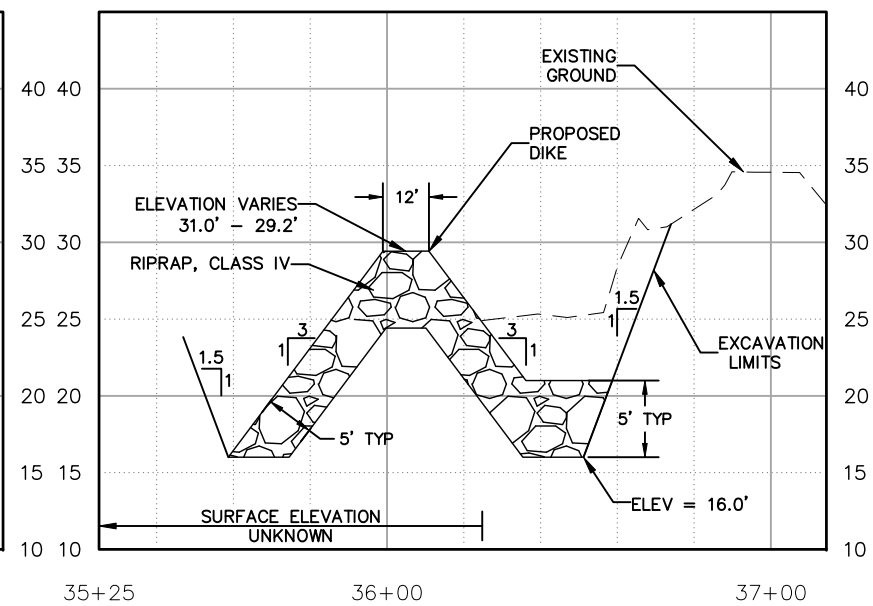


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DESIGNED BY	HCR
DRAWN BY	HCR
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LOCATION	VALDEZ
	ALASKA
SCALE	
HORZ.	
VERT.	
SHEET	
4	OF 7
FILE NO.	



- FOLLOWING PLACEMENT OF RIPRAP, BACKFILL TO EXISTING GROUND ELEVATION.
- 1.5:1 SLOPES USED TO ESTIMATE EXCAVATION LIMITS NECESSARY FOR CONSTRUCTION. FLATTER SLOPES MAY BE NECESSARY FOR STABILITY DURING CONSTRUCTION.
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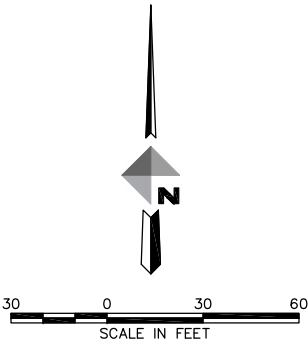
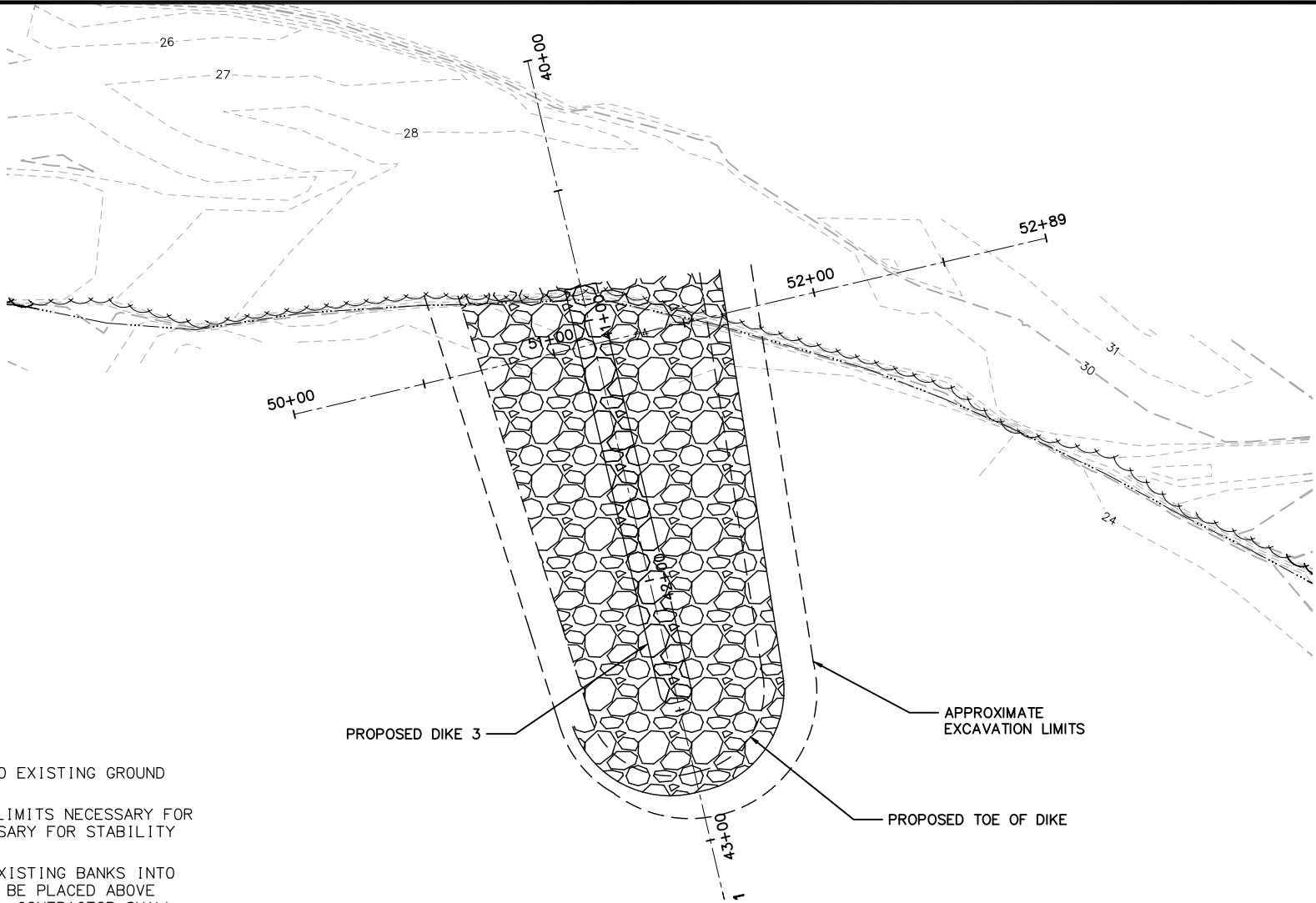
ESTIMATE OF QUANTITIES - DIKE 2		
ITEM	PAY UNIT	QUANTITY
RIPRAP, CLASS IV	CUBIC YARD	2,890
EXCESS EXCAVATION	CUBIC YARD	2,550



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DESIGNED BY	HCR
DRAWN BY	HCR
DATE	03/23/16
W.O. NO.	62373
F.B. NO.	
REF. DWG	
LOCATION	VALDEZ ALASKA
SCALE	
HORZ.	
VERT.	
SHEET	
5 OF 7	
FILE NO.	

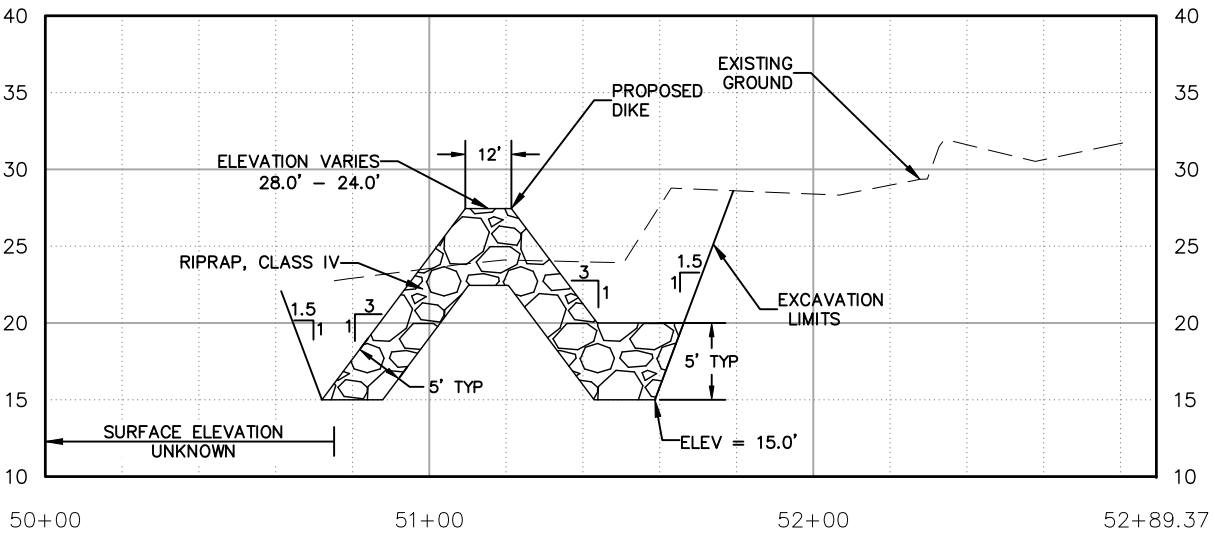
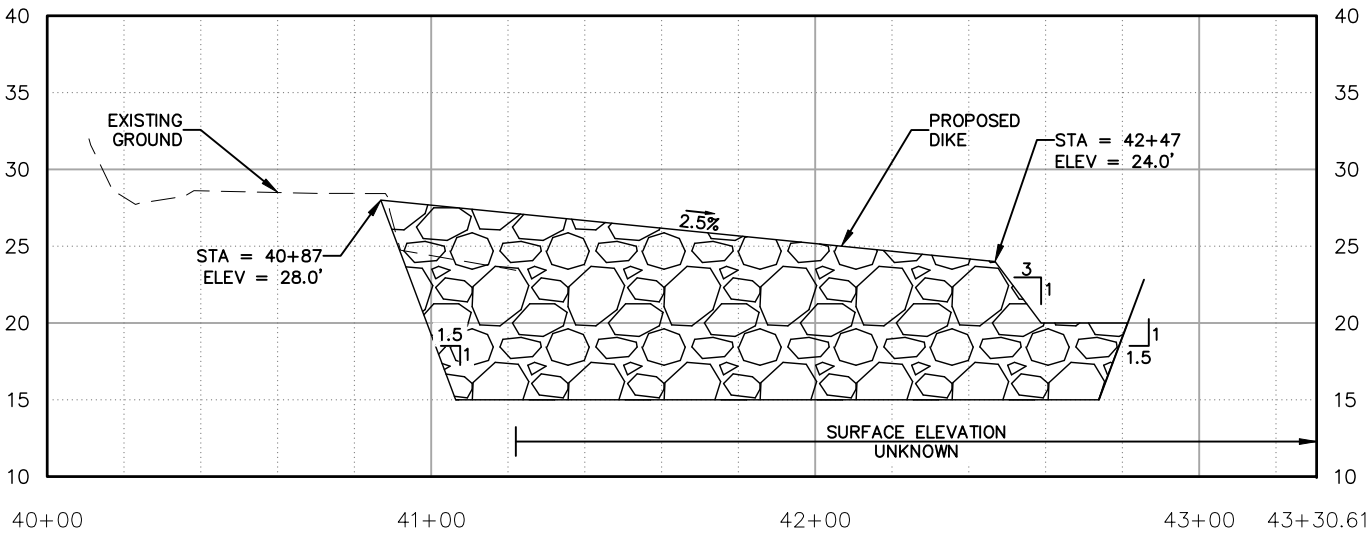
GENERAL NOTES

- FOLLOWING PLACEMENT OF RIPRAP, BACKFILL TO EXISTING GROUND ELEVATION.
- 1.5:1 SLOPES USED TO ESTIMATE EXCAVATION LIMITS NECESSARY FOR CONSTRUCTION. FLATTER SLOPES MAY BE NECESSARY FOR STABILITY DURING CONSTRUCTION.
- EXCAVATED MATERIAL SHALL BE USED TO TIE EXISTING BANKS INTO DIKE STRUCTURE. ADDITIONAL MATERIAL SHALL BE PLACED ABOVE OHW AND STOCKPILED ON-SITE FOR FUTURE USE. CONTRACTOR SHALL COORDINATE WITH ENGINEER FOR EXACT LOCATION.



ESTIMATE OF QUANTITIES - DIKE 3

ITEM	PAY UNIT	QUANTITY
RIPRAP, CLASS IV	CUBIC YARD	3,030
EXCESS EXCAVATION	CUBIC YARD	2,490



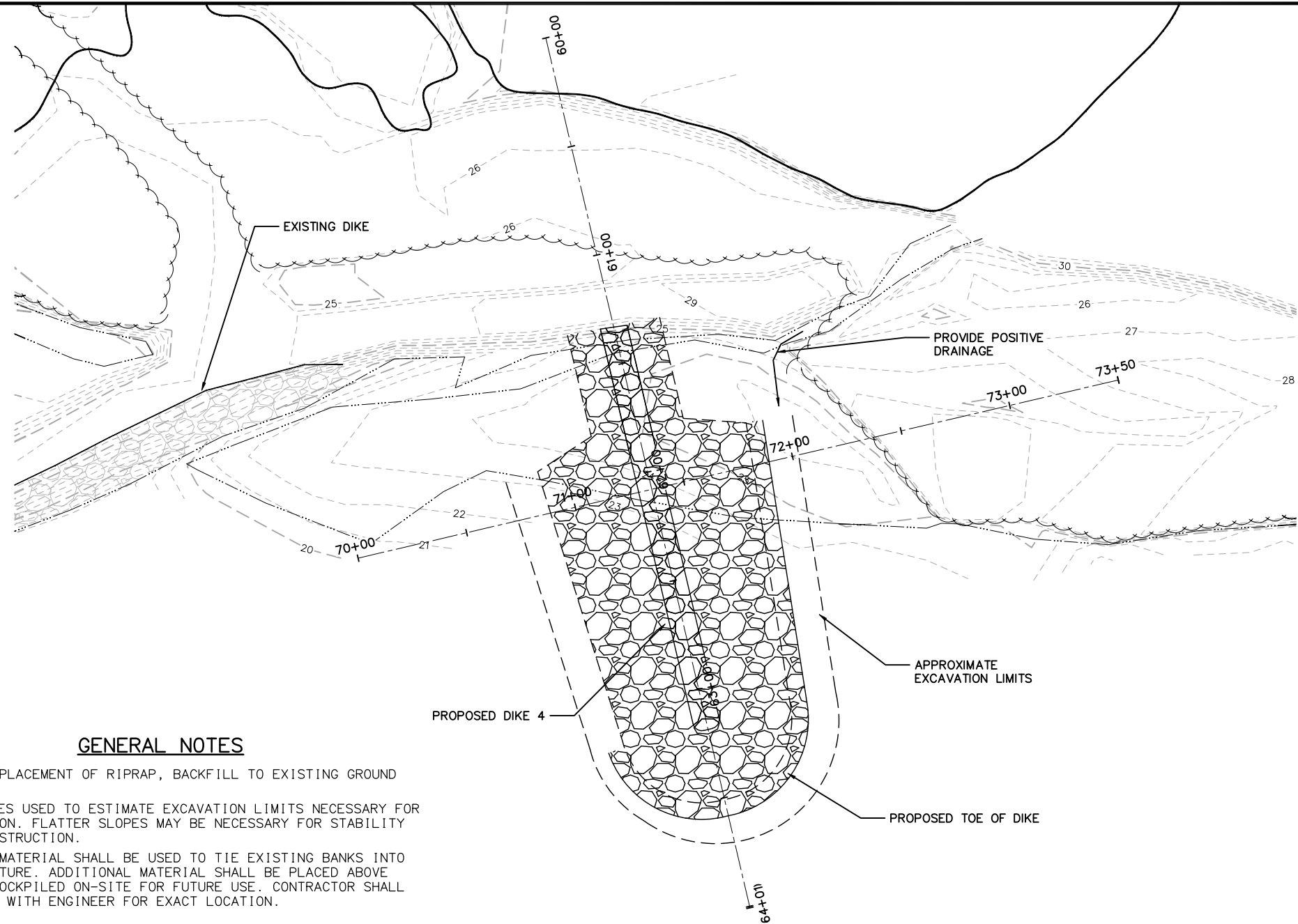
CITY OF VALDEZ
GLACIER STREAM DOWNSTREAM
DIKE 3
PLAN, PROFILE, SECTIONS

CHECKED BY	BMM
DESIGNED BY	HCR
DRAWN BY	HCR
DATE	03/23/16
W.O. NO.	62373
F.B. NO.	
REF. DWG	
LOCATION	VALDEZ ALASKA

HORZ. SCALE	
VERT. SCALE	
SHEET	6 OF 7
FILE NO.	

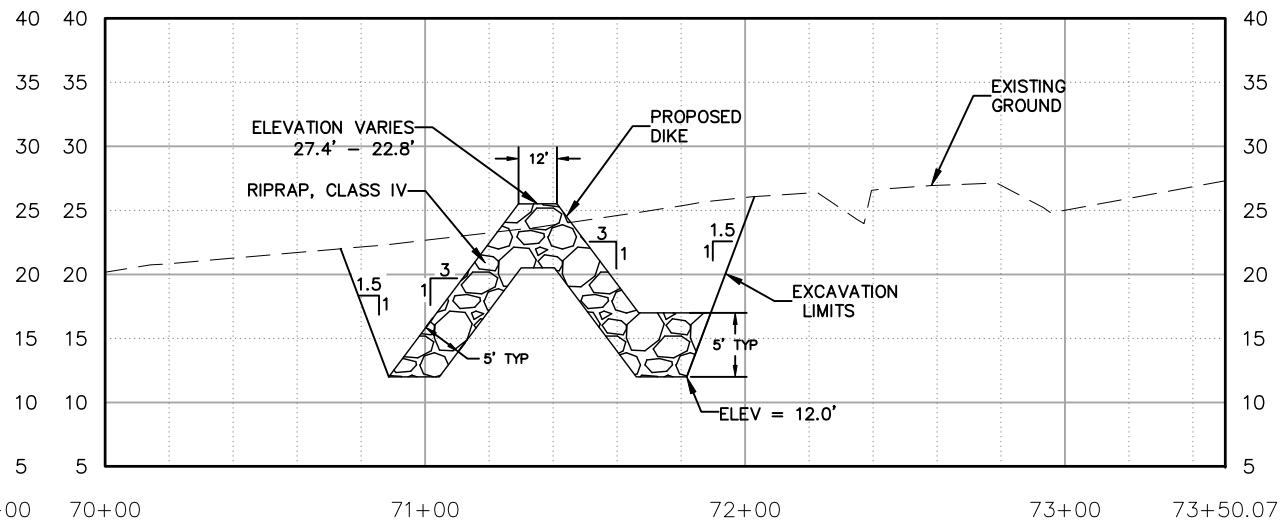
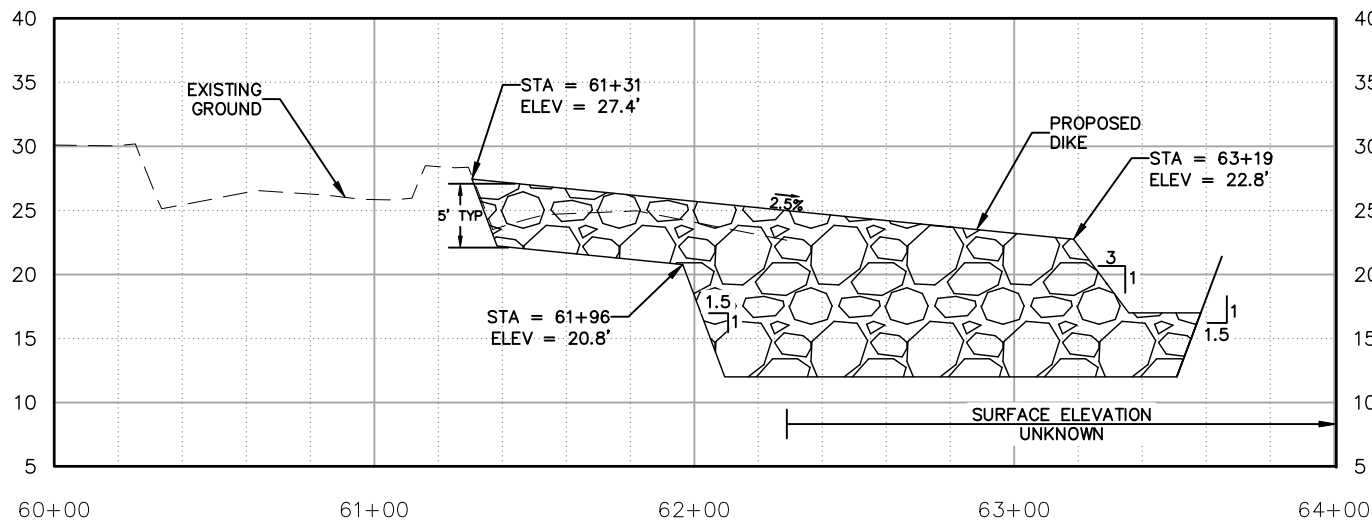
DOWL
Anchorage, Alaska 99503
4041 "B" Street
PHONE (907) 562-2000
FAX (907) 563-3953

DATA	DATE	REV	DATE	DESCRIPTION	BY
Gm. Sewer					
Storm Sewer					
Water					
Gas					
Telephone					
Electric					
Cable TV					
Easements					
Footings					
Approved					



GENERAL NOTES

- FOLLOWING PLACEMENT OF RIPRAP, BACKFILL TO EXISTING GROUND ELEVATION.
- 1.5:1 SLOPES USED TO ESTIMATE EXCAVATION LIMITS NECESSARY FOR CONSTRUCTION. FLATTER SLOPES MAY BE NECESSARY FOR STABILITY DURING CONSTRUCTION.
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ESTIMATE OF QUANTITIES - DIKE 4

ITEM	PAY UNIT	QUANTITY
RIPRAP, CLASS IV	CUBIC YARD	3,410
EXCESS EXCAVATION	CUBIC YARD	2,960



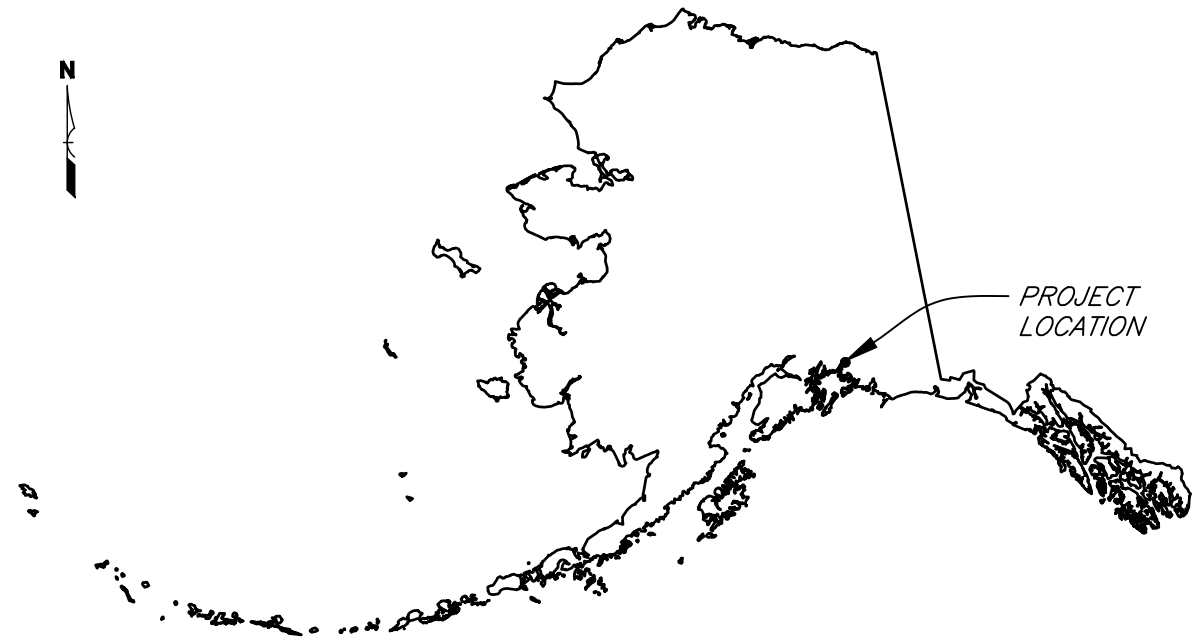
CITY OF VALDEZ
GLACIER STREAM DOWNSTREAM
DIKE 4
PLAN, PROFILE, SECTION

CHECKED BY	BMM
DESIGNED BY	HCR
DRAWN BY	HCR
DATE	03/23/16
W.O. NO.	62373
F.B. NO.	
REF. DWG	
LOCATION	VALDEZ ALASKA

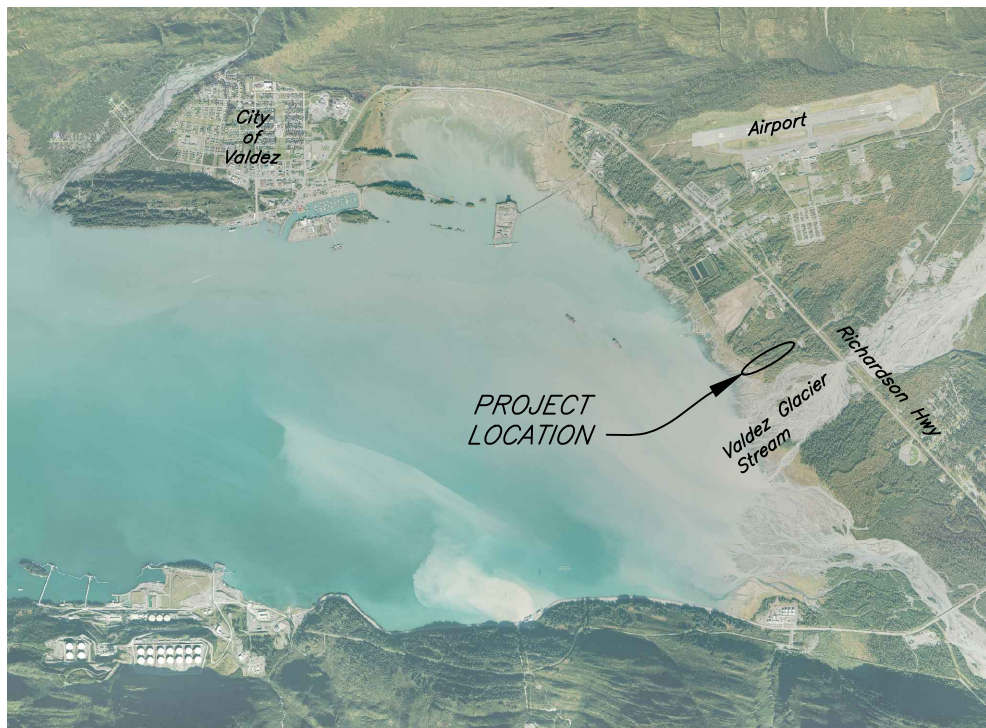
HORZ.	SCALE
VERT.	
SHEET	7 OF 7
FILE NO.	

DOWL
Anchorage, Alaska 99503
4041 "B" Street
PHONE (907) 562-2000
FAX (907) 563-3953

DATA	BY	DATE	REVISIONS
Gr. Sewer			
Storm Sewer			
Water			
Gas			
Telephone			
Electric			
Cable TV			
Easements			
Footings Elev.			
Approved			



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

SHEET	TITLE
1	COVER SHEET
2	LOCATION MAP
3	PLAN PROFILE – STA 1+00 TO 7+00
4	PLAN PROFILE – STA 7+00 TO 13+00
5	PLAN PROFILE – STA 13+00 TO 19+00
6	PLAN PROFILE – STA 19+00 TO 22+25
7	TYPICAL CROSS SECTIONS
8	TYPICAL CROSS SECTIONS

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	ALASKA
VALDEZ GLACIER STREAM EWP	
STREAMBANK EROSION	
CITY OF VALDEZ	
VALDEZ	



File Name	SEE LEFT BORDER
Drawing Name	SAME AS FILE NAME
Sheet	1 of 8



LOCATION MAP

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
Department of
Agriculture

Valdez Glacier Stream.dwg 2-MAP 3/8/2017 4:44PM

Valdez Glacier Stream EWP

STREAMBANK EROSION

CITY OF VALDEZ

ALASKA

LOCATION MAP

VALDEZ GLACIER STREAM EWP

STREAMBANK EROSION

CITY OF VALDEZ

ALASKA

File Name
SEE LEFT BORDER

Drawing Name
SAME AS FILE NAME

Sheet 2 of 8

Designed
L. STEINKE

Drawn
B. DALLAS

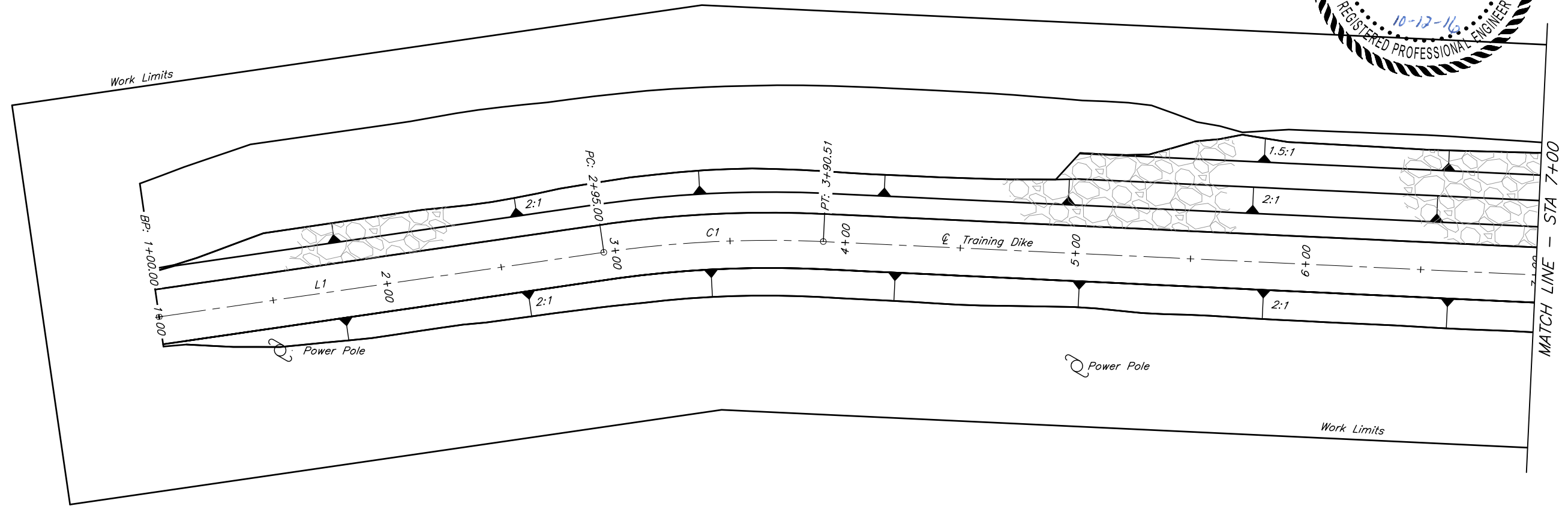
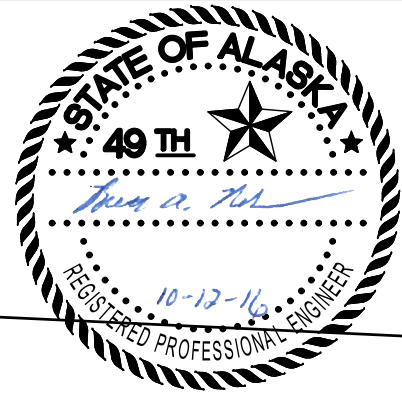
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B. NELSON

Approved

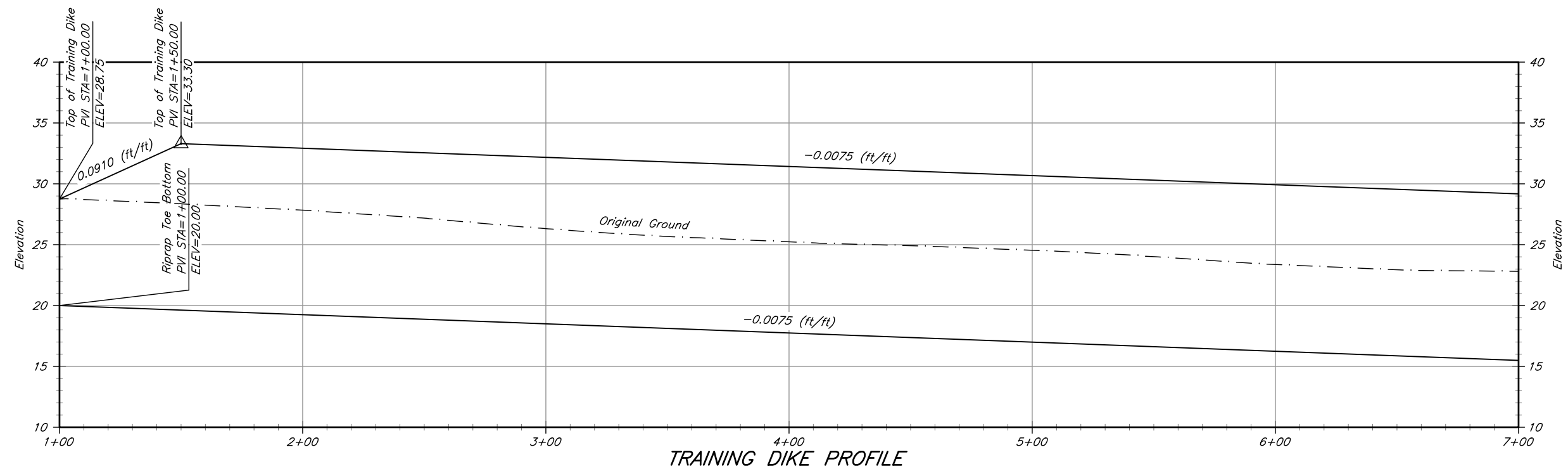
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09/2016

Date
09/2016

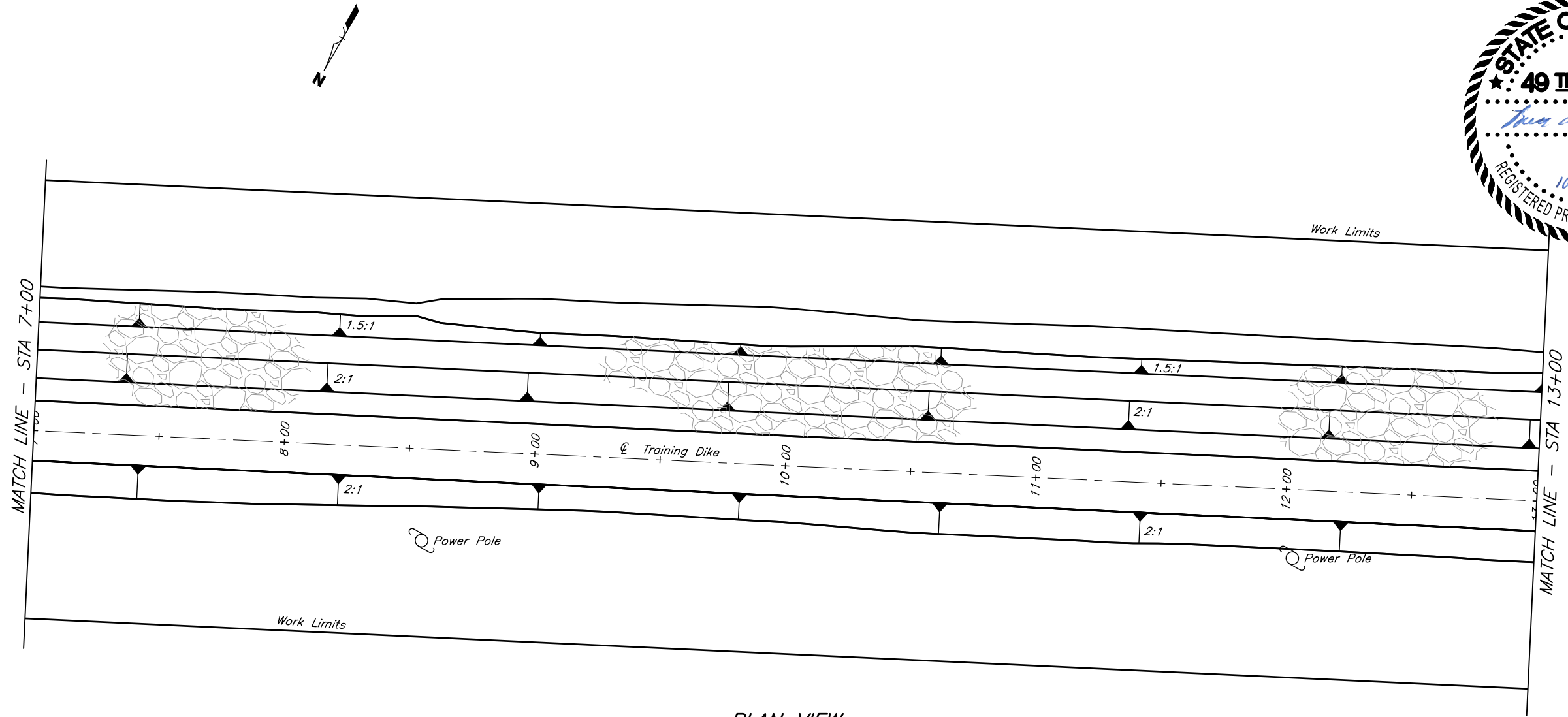
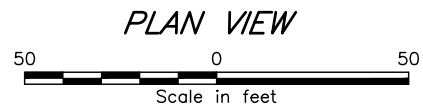
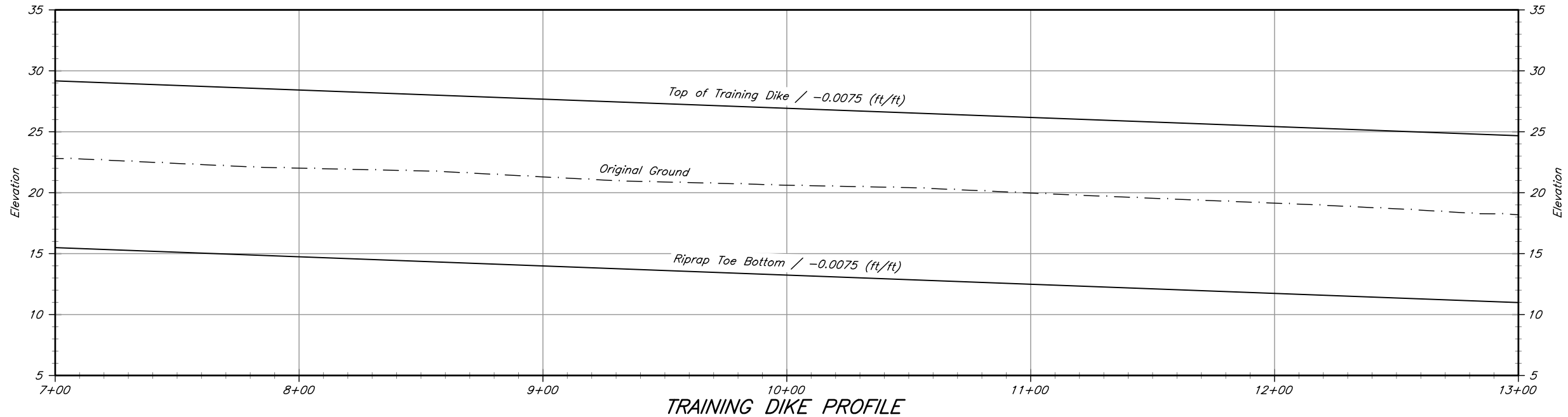
Date
10/2019



A horizontal scale bar with a black background and white markings. The markings are at 50, 0, and 50. The text 'Scale in feet' is centered below the bar.



Valdez Glacier Stream.dwg 4-PP 3/8/2017 4:44PM



PLAN PROFILE - STA 7+00 TO 13+00

VALDEZ GLACIER STREAM EWP

STREAMBANK EROSION

CITY OF VALDEZ

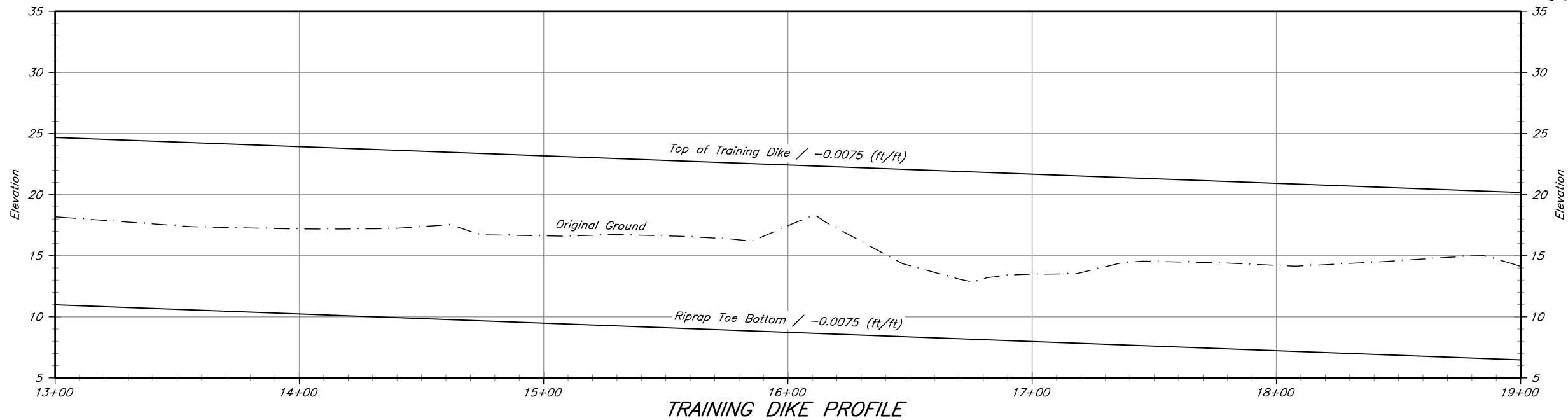
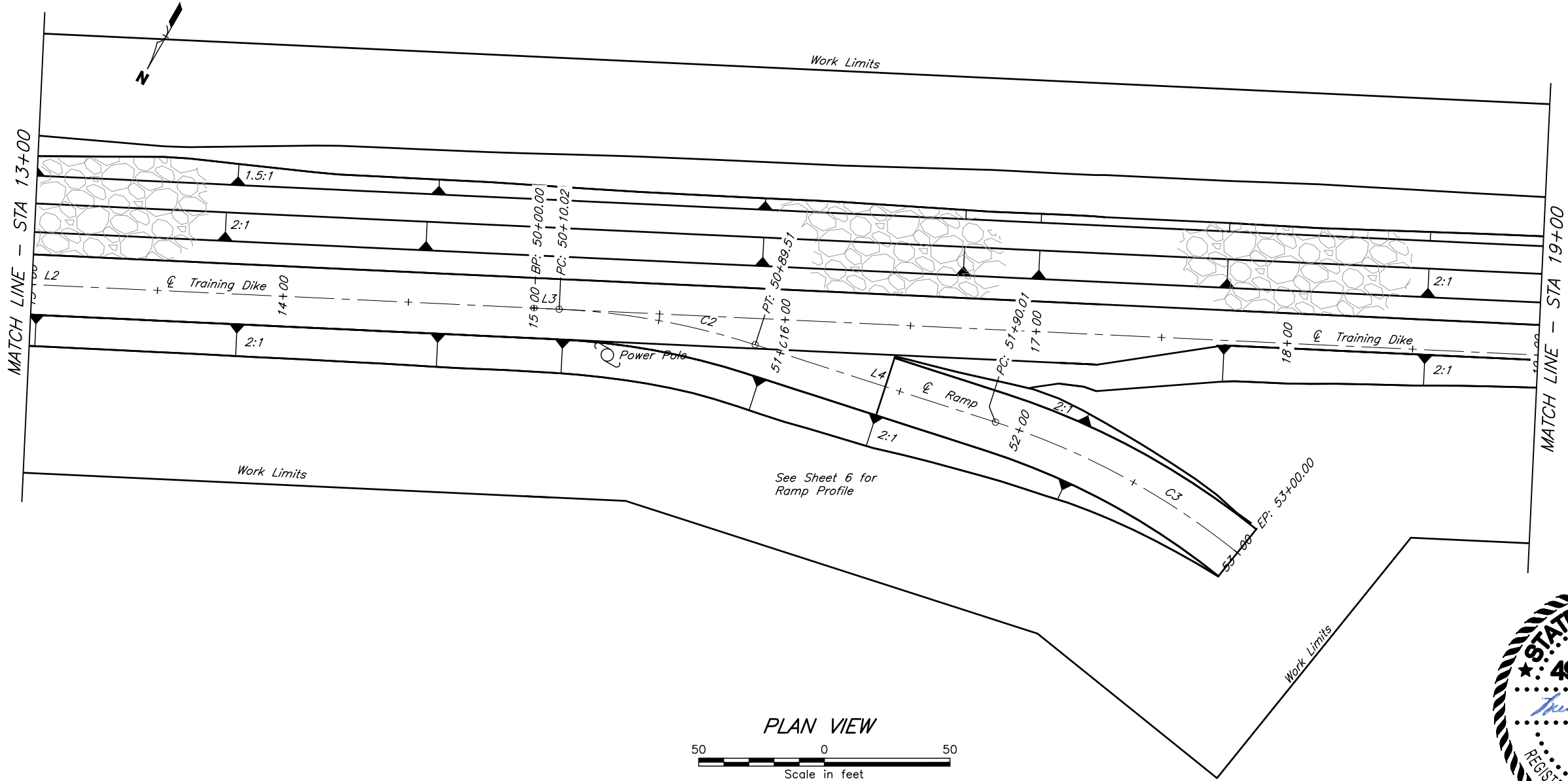
VALDEZ

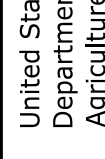


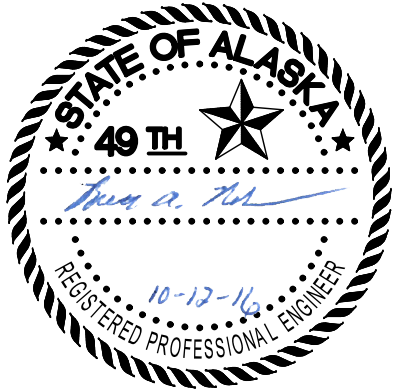
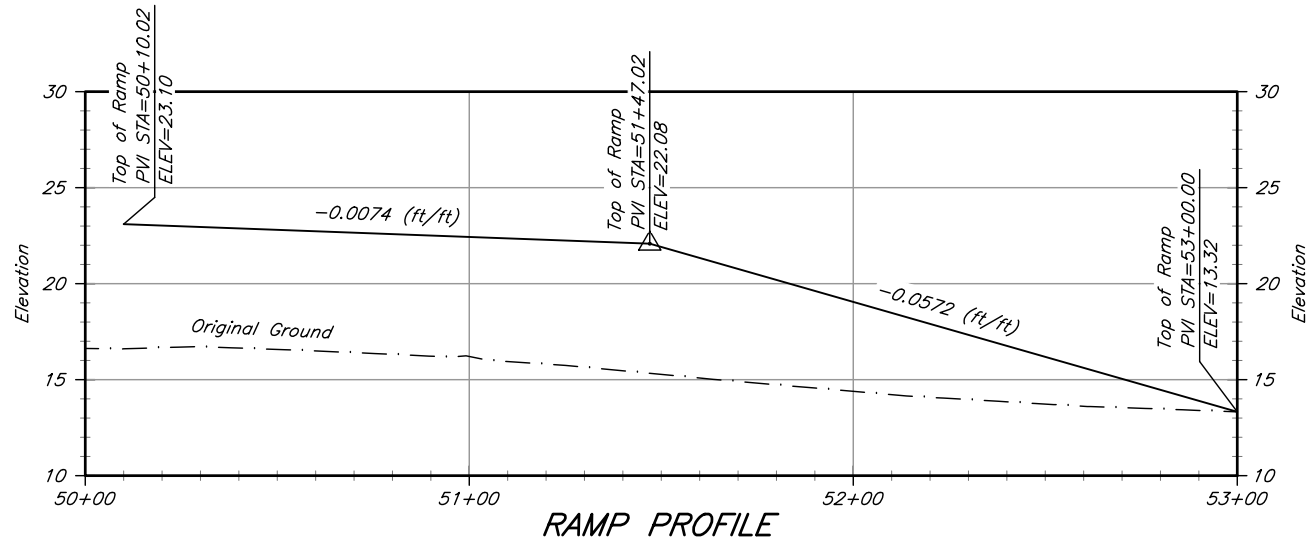
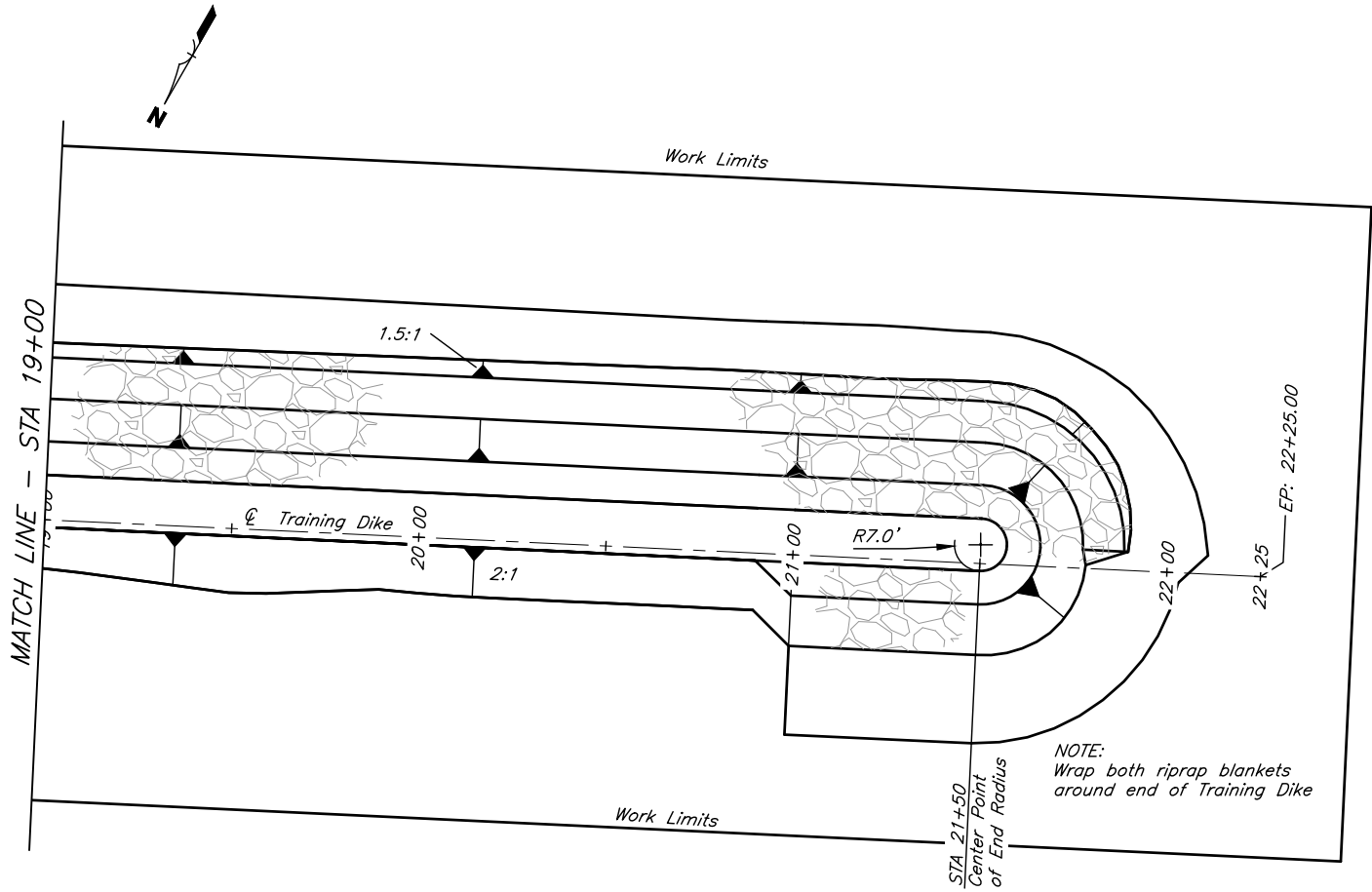
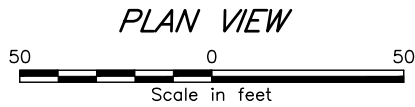
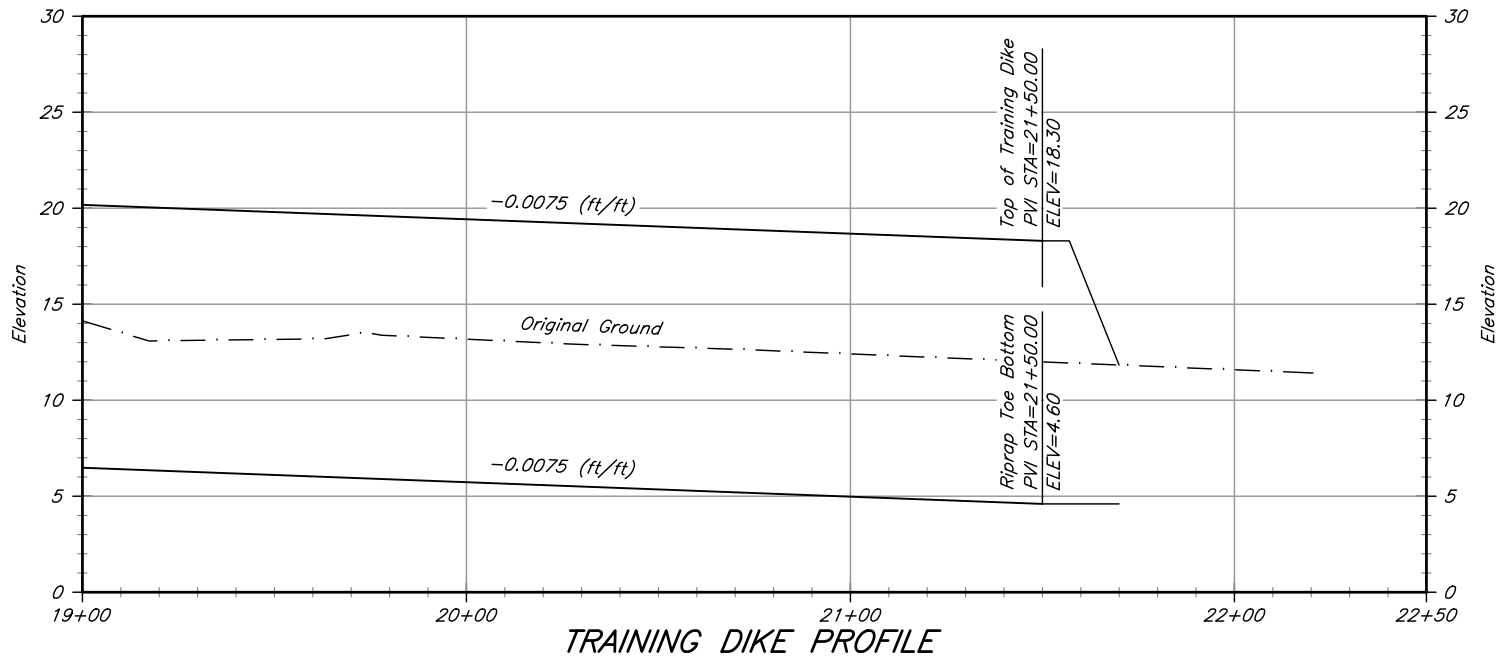
File Name
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Drawing Name
SAME AS FILE NAME

Designed	L. STEINKE	Date	09/2016
Drawn	B. DALLAS		09/2016
Checked	B. NELSON		10/2019
Approved			



 United States Department of Agriculture  Natural Resources Conservation Service	PLAN PROFILE – STA 13+00 TO 19+00					Date
	VALDEZ GLACIER STREAM EWP					09/2016
	STREAMBANK EROSION					09/2016
	CITY OF VALDEZ					10/2019
VALDEZ					ALASKA	
File Name						
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Drawing Name						
SAME AS FILE NAME						
Sheet 5 of 8						



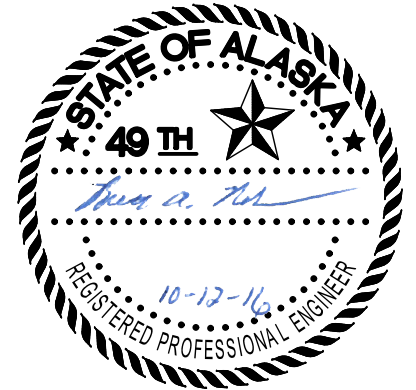
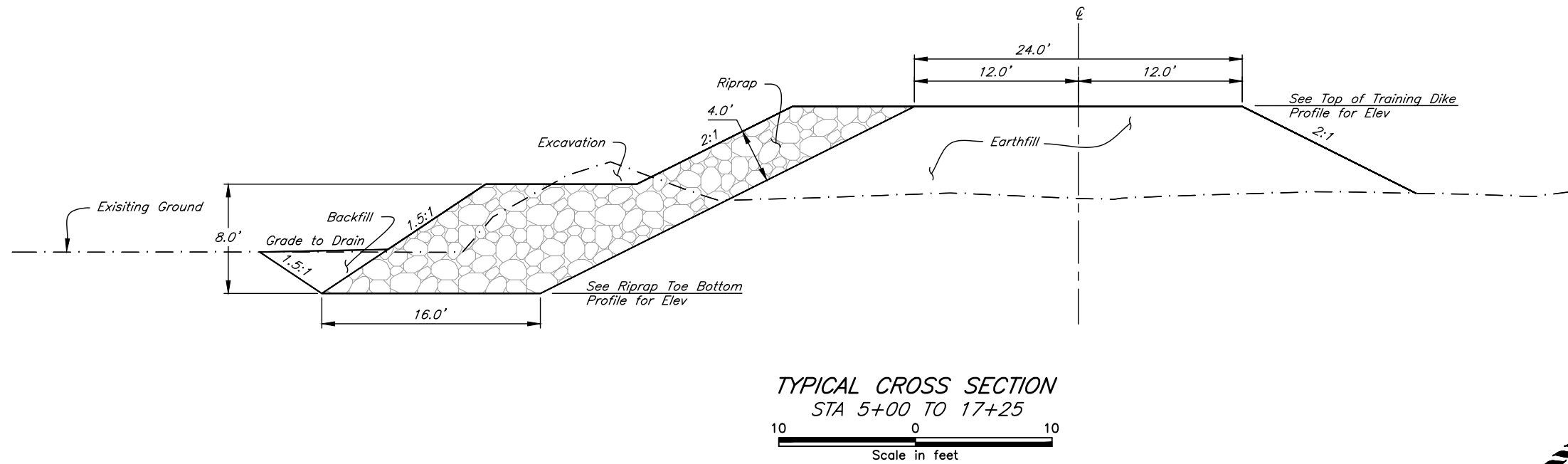
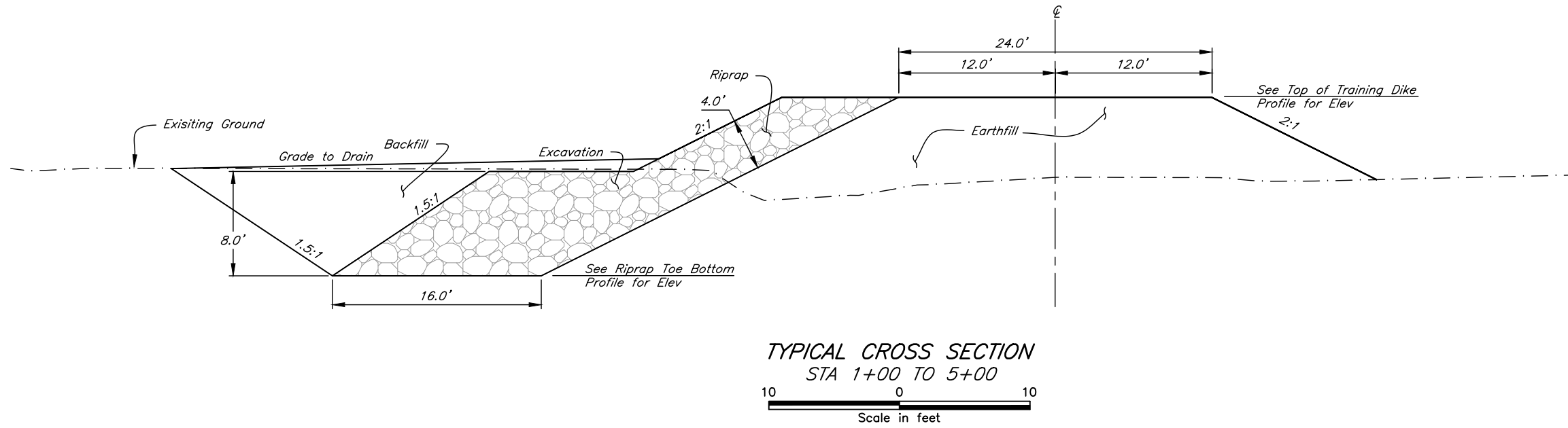
PLAN PROFILE – STA 19+00 TO 22+25

VALDEZ GLACIER STREAM EWP

STREAMBANK EROSION

CITY OF VALDEZ

VALDEZ

TYPICAL CROSS SECTIONS
VALDEZ GLACIER STREAM EWP

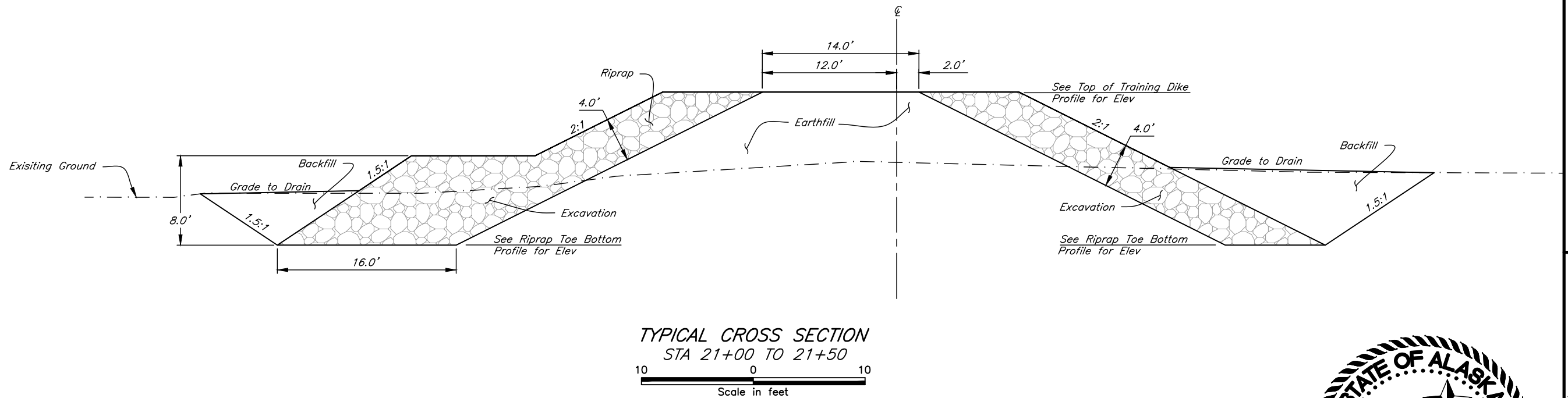
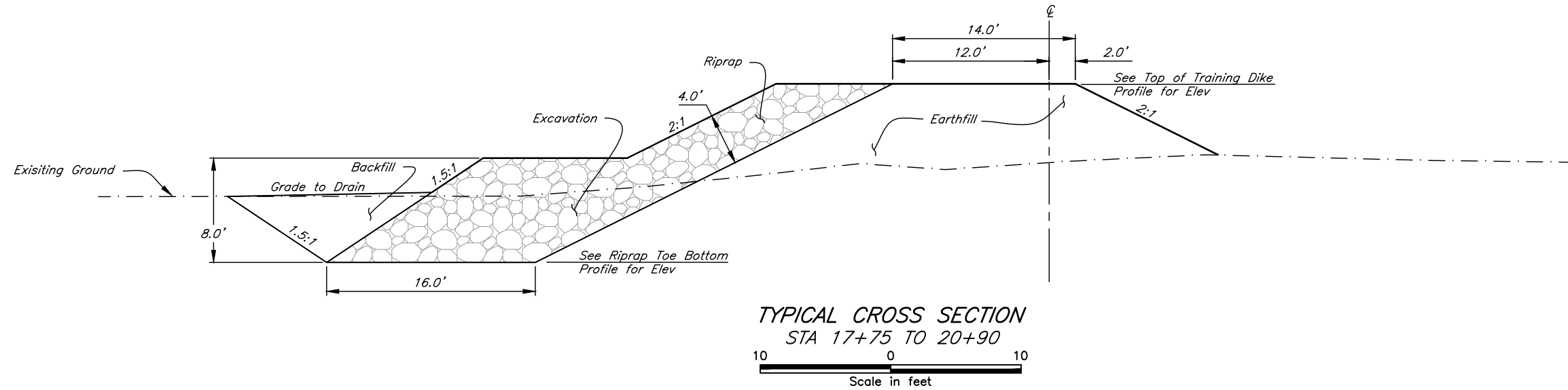
USDA
United States
Department of
Agriculture

**Natural Resources
Conservation Service**

File Name	SEE LEFT BORDER
Drawing Name	SAME AS FILE NAME

Sheet 7 of 8

Date	
Designed	L STEINKE 09/2016
Drawn	B DALLAS 09/2016
Checked	B NELSON 10/2019
Approved	



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

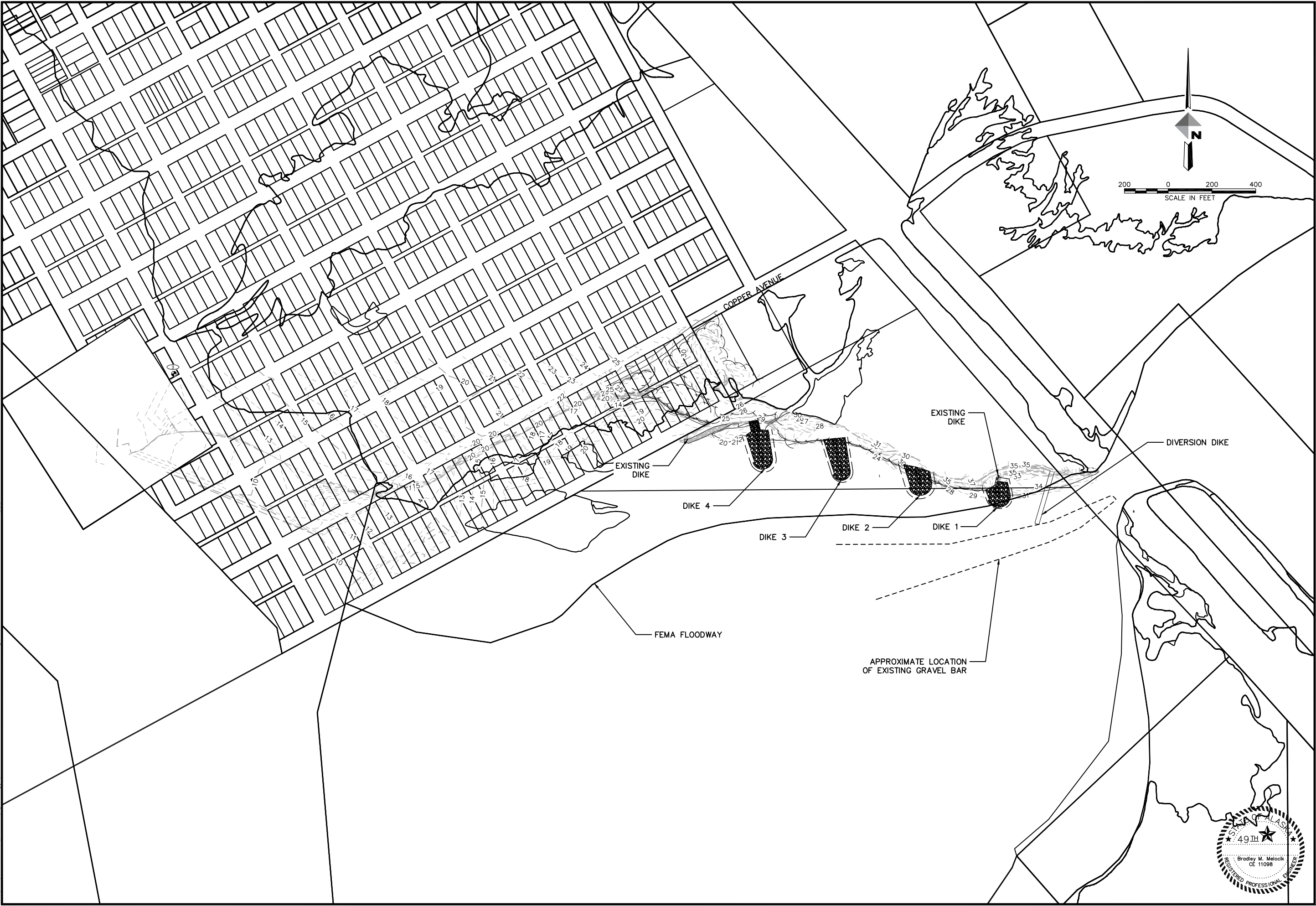
United States
Department of
Agriculture
USDA
Natural Resources
Conservation Service

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Drawing Name	SAME AS FILE NAME
Sheet	8 of 8

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SCRIPT FILE:

DOWL FILE No: XXX-XX



CITY OF VALDEZ
GLACIER STREAM DOWNSTREAM
PROPOSED CONDITIONS

CHECKED BY	BMM
DESIGNED BY	HCR
DRAWN BY	HCR
DATE	03/23/16
W.O. NO.	62373
F.B. NO.	
REF. DWG	
LOCATION	VALDEZ ALASKA

SCALE
HORZ.
VERT.
SHEET

FILE NO.

DATA	DATE	BY
Gr. Sewer		
Storm Sewer		
Water		
Gas		
Telephone		
Electric		
Cable TV		
Easements		
Footings Elev.		
Approved		

REV	DATE	REVISIONS	DESCRIPTION	BY

Vertical Datum:

**DOWL**

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