



## **Homer City Hall**

491 E. Pioneer Avenue

Homer, Alaska 99603

[www.cityofhomer-ak.gov](http://www.cityofhomer-ak.gov)

# **City of Homer Agenda**

## **ADA Compliance Committee**

**Thursday, July 14, 2022 at 4:00 PM**

**Cowles Council Chambers and Via Zoom Webinar**

**Webinar ID: 998 6324 0301 Passcode: 404451**

**Dial: 1 669 900 6833 or 1 253 215 8782 or Toll Free 888 788 0099 or 877 853 5247**

**CALL TO ORDER, 4:00 P.M.**

**APPROVAL OF THE AGENDA**

**PUBLIC COMMENTS FOR ITEMS ON THE AGENDA**

**RECONSIDERATION**

**APPROVAL OF THE MINUTES**

[A.](#) Unapproved Meeting Minutes for April 14, 2022

[B.](#) Unapproved Meeting Minutes for June 9, 2022

**VISITORS**

**REPORTS**

[A.](#) Preliminary Design Concepts for ADA Access to Nick Dudiak Fishing Lagoon

[B.](#) Staff Report for June & July 2022

**PENDING BUSINESS**

[A.](#) Memorandum from ADA Coordinator re: Community Accessibility Survey Final Draft

[B.](#) Parks, Play Areas & Campgrounds Transition Plan Draft

**NEW BUSINESS**

[A.](#) Capital Improvement Plan - ADA Compliance Projects - Amendments & Updates

**INFORMATIONAL ITEMS**

[A.](#) ADA Compliance Committee Annual Calendar 2022

**COMMENTS OF THE AUDIENCE**

## **COMMENTS OF CITY STAFF**

## **COMMENTS OF THE COMMITTEE**

## **ADJOURNMENT**

Next Regular Meeting is **Thursday, October 13, 2022 at 4:00 p.m.** All meetings scheduled to be held in the City Hall Cowles Council Chambers located at 491 E. Pioneer Avenue, Homer, Alaska and via Zoom Webinar.

Session 22-02 a Regular Meeting of the ADA Compliance Committee was called to order by Vice Chair Joyanna Geisler at 4:08 p.m. on April 14, 2022, via Zoom Webinar from the City Hall Cowles Council Chambers located at 491 E. Pioneer Avenue, Homer, Alaska.

**PRESENT:** COMMITTEE MEMBERS DEADRICK, GEISLER, SAFRA AND THORSRUD

**ABSENT:** COMMITTEE MEMBER ADERHOLD (EXCUSED)

**STAFF:** ADA COORDINATOR KRAUSE  
PROJECT TECHNICIAN MEYER

### **AGENDA APPROVAL**

Vice Chair Geisler requested a motion to approve the agenda.

THORSRUD/DEADRICK MOVED TO APPROVE THE AGENDA AS PRESENTED.

There was no discussion.

VOTE. NON-OBJECTION. UNANIMOUS CONSENT.

Motion carried.

### **PUBLIC COMMENTS UPON MATTERS ALREADY ON THE AGENDA**

### **RECONSIDERATION**

### **APPROVAL OF THE MINUTES**

A. Regular Meeting Minutes of February 10, 2022

Vice Chair Geisler requested a motion to approve the minutes.

DEADRICK/THORSRUD MOVED TO APPROVE THE MINUTES OF FEBRUARY 10, 2022.

There was no discussion.

VOTE. NON-OBJECTION. UNANIMOUS CONSENT.

Motion carried.

### **REPORTS**

A. ADA Coordinator Report for April 2022

ADA Coordinator Krause provided a synopsis of her report noting that due to heavy work schedules she was unable to complete the corrections and changes that were provided by Chair Aderhold and she was informed by the Public Works Director that they will be issuing a work order to one of the contracted term engineers to provide the cost estimates for the various improvements. She is expecting to have these items completed for the June meeting.

## **VISITORS/PRESENTATIONS**

### **PENDING BUSINESS**

#### **A. Proposed Community Survey on Accessibility**

Vice Chair Geisler introduced the item by reading of the title and invited ADA Coordinator Krause to speak to the memorandum.

ADA Coordinator Krause noted that she updated and amended the survey in response to the Committee recommendations from the last meeting and was seeking additional comment on the final draft. She then facilitated discussion on the following from Committee members:

- Question Number 1 should add “and issue(s)”
- Question Number 3 does not include the City owned trails as the Committee agreed at the February meeting to perform a separate trails transition plan so they will have their own survey issued when appropriate.
- Include statement that this does not include trails in the introduction or title
- Access in general to a facility or amenity would cover all modes of transport such as walkability, wheeled access, foot, vehicular, etc.
- Re-order the questions in the following manner to address flow:
  - o #3 = #1
  - o #1 = #2
  - o #2 = #3
  - o #4 = #4
  - o #6 = #5
  - o #7 = #6
  - o #8 = #7
  - o #5 = #8
- Question Number 8 should be amended to read, “Are” not “is”

SAFRA/THORSRUD MOVED TO APPROVE THE COMMUNITY SURVEY AS AMENDED.

There was no further discussion.

VOTE. NON-OBJECTION. UNANIMOUS CONSENT.

Motion carried.

Vice Chair Geisler asked for a motion to forward the amended survey to the City Manager.



THORSRUD/SAFRA MOVED TO FORWARD THE AMENDED SURVEY TO THE CITY MANAGER FOR FINAL APPROVAL.

There was no further discussion.

VOTE. NON-OBJECTION. UANNIMOUS CONSENT.

Motion carried.

### **NEW BUSINESS**

#### **A. Scheduling Jack Gist park and the Fishing Lagoon for Site Accessibility Review Update**

Vice Chair Geisler introduced the item and deferred to ADA Coordinator Krause to speak to the item.

ADA Coordinator Krause provided a summary of the memorandum in the packet. She requested the committee to determine a time frame that would work best for those interested in re-visiting the areas with staff.

Committee members and Project Technician Meyer proceeded to state their availability and it was determined that the week of May 16<sup>th</sup> would work for the majority.

ADA Coordinator Krause will submit a Google poll or something similar to all members to narrow down the date and times.

### **INFORMATIONAL MATERIALS**

#### **A. Ordinance 22-16 Appropriating Funds for Engineering ADA Access to Fishing Lagoon Memorandum from Public Works Director as backup**

ADA Coordinator Krause noted that the ordinance was approved and then provided clarification on what the acronym CARMA represented. The funding will be used to pay for a design of a fishing dock that will be more along the vision of a pier type dock similar to what Mr. Adams recommended at their last meeting.

#### **B. AARP Walk Audit Tool Kit – A Self Service Guide for Assessing a Community’s Walkability**

Vice Chair Geisler commented on the Tool Kit, that it look like really good information and opined that AARP does put out some nice accessibility and livability products.

Committee member Deadrick commented that she reviewed the material and stated she would be interested in completing one of these surveys and do the math, but it'd be a big project. She recalled that one of the interesting points made was a community is not walkable if there are no sidewalks or sidewalks that end and Homer has plenty of those.

ADA Coordinator Krause reported on the Council interest and discussion at their recent visioning event regarding pedestrian safety, trails, sidewalks, etc.

Vice Chair Geisler stated that the advantage is not having to reinvent the wheel, there is research and information that the Committee can use.

Committee member Thorsrud added that it would be interesting to conduct a meeting with local business owners to have a discussion on general accessibility. She then acknowledged that Pioneer Avenue is not walkable in the winter and spring when there is gravel all over the sidewalks and then contending with the spray of water from passing vehicles due to the lack of separation from the roadway and that is an issue whether a person has any specific accessibility issues.

Further comments were made on what responsibilities belong to the city and state for sidewalk and road maintenance; entrances at businesses and how Kenai and Seward businesses are more accessible than Homer; working with the Chamber and other Advisory Commissions to encourage addressing accessibility issues at businesses; having the statistics on the contributions in sales taxes that persons with disabilities add to a community; creating a strategic plan or goals to address and working on these after the Committee has completed the transition plans.

C. AARP Rural Livability Workshop Report – How & Why Small Towns and Remote Communities are Working to Become More Livable for Older Adults and People of All Ages

A brief discussion was facilitated by ADA Coordinator Krause in the accessibility of sidewalks at the end of Fairview Avenue and the extension of the sidewalk. She stated that she would inquire about that issue with the Public Works Director.

**COMMENTS OF THE AUDIENCE**

**COMMENTS OF THE CITY STAFF**

Project Technician Meyer commented on the additional task order being assigned to Corvus Design to provide cost estimates on items identified in the transition plan.

ADA Coordinator Krause expressed her appreciation for Vice Chair Geisler conducting the meeting and doing a great job.

**COMMENTS OF THE COMMITTEE**

Committee member Thorsrud commented that it was good to be here today.

**ADJOURNMENT**

There being no further business to come before the Committee, the meeting adjourned at 5:00 p.m. The next regular meeting is scheduled for Thursday, May 12, 2022 at 4:00 p.m. at the City Hall Cowles Council Chambers located at 491 E. Pioneer Avenue, Homer, Alaska and via Zoom webinar.

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RENEE KRAUSE, MMC, DEPUTY CITY CLERK II/ADA COORDINATOR

Approved: \_\_\_\_\_

Session 22-03 a Regular Meeting of the ADA Compliance Committee was called to order by Chair Donna Aderhold at 4:13 p.m. on June 9 2022, via Zoom Webinar from the City Hall Cowles Council Chambers located at 491 E. Pioneer Avenue, Homer, Alaska.

**PRESENT:** COMMITTEE MEMBERS ADERHOLD, GEISLER AND THORSRUD

**ABSENT:** COMMITTEE MEMBER DEADRICK, SAFRA (EXCUSED)

**STAFF:** CITY CLERK JACOBSEN  
PROJECT TECHNICIAN MEYER  
PARKS SUPERINTENDENT STEFFY

Chair Aderhold noted for the record that a quorum was not present to conduct business and that business items will be re-scheduled to their next meeting.

#### **AGENDA APPROVAL**

#### **PUBLIC COMMENTS UPON MATTERS ALREADY ON THE AGENDA**

#### **RECONSIDERATION**

#### **APPROVAL OF THE MINUTES**

- A. Regular Meeting Minutes of April 14, 2022

#### **VISITORS/PRESENTATIONS**

#### **PENDING BUSINESS**

- A. Nick Dudiak Fishing Lagoon ADA Ramp Status Update - Matt Steffy, Parks Superintendent
- B. Memorandum from ADA Coordinator re: Draft Parks Transition Plan Status Update
- C. Memorandum from ADA Coordinator re: Final Draft Community Accessibility Survey

#### **NEW BUSINESS**

- A. ADA Coordinator Report for June 2022
- B. Bayview Park Playground Equipment - Project Technician Meyer

#### **INFORMATIONAL MATERIALS**

- A. Proposed Seafarer's Memorial ADA Improvements
- B. ADA Committee Agenda Calendar for 2022

**COMMENTS OF THE AUDIENCE**

**COMMENTS OF THE CITY STAFF**

**COMMENTS OF THE COMMITTEE**

**ADJOURNMENT**

There being no quorum to conduct business the meeting adjourned at 4:14 p.m. The next regular meeting is scheduled for Thursday, May 12, 2022 at 4:00 p.m. at the City Hall Cowles Council Chambers located at 491 E. Pioneer Avenue, Homer, Alaska and via Zoom webinar.

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Melissa Jacobsen, MMC, City Clerk

Approved: \_\_\_\_\_

# Technical Memorandum

Date: Monday, June 20, 2022

Project: ADA Access to Nick Dudiak Fishing Lagoon

To: Janette Keiser, PE, City of Homer

From: Ronny McPherson, PE, HDR  
KC Kent, EIT, HDR

Subject: Preliminary Design Concepts for ADA Access to Nick Dudiak Fishing Lagoon

## Introduction

The City of Homer is exploring concepts to improve the fishing access that meets the American's with Disabilities Act (ADA) to the Nick Dudiak Fishing Lagoon (Fishing Lagoon). The fishing access intent has been to provide access to anglers of all varieties in the spirit of Nick Dudiak who was a fisheries biologist that was passionate about providing fishing opportunities and access for all anglers (Coast View, 2022). The lagoon was built in the early 1990's as a protected area with an ADA access ramp installed in 1999. The concrete pathway has required routine maintenance and experiences regular buildup of sediments and debris that needs to be cleared to make the ramp usable. Scouring and other damages along the path have become more prevalent in recent years, and in some instances, the path is not readily passible by all ADA users, even if cleared.

The City of Homer has asked HDR to present alternatives for improving the access to the lagoon. The following memorandum discusses a variety of access solutions that meet both the City of Homer's ADA access needs and considers the overall anglers' fishing experience (both those that utilize the access and those that do not).

A location map of the Fishing Lagoon is provided in Figure 1. An enlarged view of the Fishing Lagoon is provided Figure 2 which also provides key existing features.



Figure 1. Location map of Fishing Lagoon in relation to the City of Homer.



Figure 2. Aerial imagery of the Fishing Lagoon noting key existing features.



# Background Information

The following provides background information used to develop and inform Fishing Lagoon ADA access concepts.

## As-built Information

As-built information (previous plan sets) were obtained from the City of Homer's Department of Public Works that included the initial design and build of the Fishing Lagoon as well as the expansion and installation of the ADA access ramps (See Attachment A – As-Built Information). The Fishing Lagoon Expansion is dated 01/12/1994 and provides previously existing conditions of the area, along with intended depths and beach slopes. Photographs of the construction were also gathered that provide ground-level view of the construction in progress. A sample of the construction photographs gathered is provided in Attachment B – Historical Construction Photos. Construction of the existing ramp is shown in Figure 3.



**Figure 3. Poured concrete during the initial build of the access ramp in 1999**

## Aerial imagery

Historic aerals dating back to 1985 were gathered and reviewed to better understand geomorphology of the lagoon over time. Available aerals were georeferenced for comparison of spatial changes in the Fishing Lagoon.

Historic photos were reviewed for evidence of significant shoreline change. Initial as-built information indicated the presence of debris left in place during construction of the lagoon. The debris is visible in the 1996 aerial imagery, but not in the subsequent year imagery. Debris was not observed during the site inspection in May 2022. Rapid or severe erosion in the locations of interest was also not observed on a qualitative level at the locations of interest.

Historical aerals from 1985, 1996, 2010, and 2019 are provided in Attachment C – Historical Imagery.

## Tidal data

The nearest tide station to Homer actively recording tidal data is southeast of the project site, across Kachemak Bay in Seldovia (NOAA station 9455500). Homer does not currently support an active National Oceanic and Atmospheric Administration (NOAA) tidal station.

However, a short-term tide station at Coal Point, located at the end of the Homer Spit (NOAA station 9455558), recorded tidal data for a 4-month period between August and December 2018 and provides a tidal datum. In addition, the Coal Point NOAA station provides a correlation between the North American Vertical Datum of 1988 (NAVD88) and Mean Lower Low Water (MLLW) which can be used for the NOAA station in Seldovia. Tidal datum information for both NOAA stations are provided in Table 1.

**Table 1. Tidal datum information at Coal Point (Homer) and Seldovia NOAA tide stations**

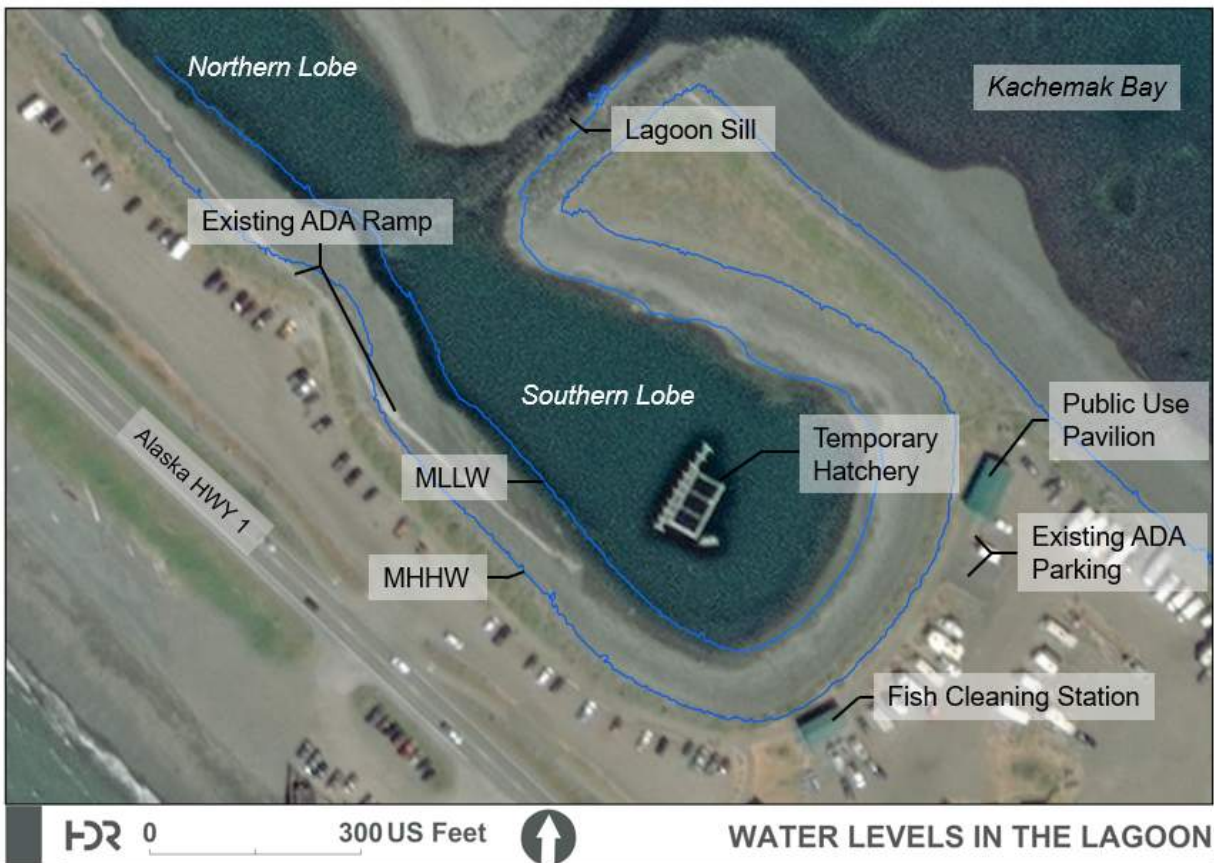
Datum	Seldovia Station 9455500		Coal Point (Short-Term) Station 9455558	
	Elevation, feet MLLW	Elevation, feet NAVD88	Elevation, feet MLLW	Elevation, feet NAVD88
<b>100-Year Water Level</b>	+24.87	-	N/A	N/A
<b>MHHW</b>	+18.05	-	+18.43	+13.33
<b>MHW</b>	+17.23	-	+17.59	+12.49
<b>MSL</b>	+9.56	-	+9.73	+4.63
<b>MTL</b>	+9.47	-	+9.63	+4.53
<b>MLW</b>	+1.70	-	+1.66	-3.44
<b>MLLW</b>	0	-	0	-5.10
<b>NAVD88</b>	-	-	+5.10	0
<b>Highest Observed Water Level</b>	+23.31	N/A	+23.76	+18.66
<b>Lowest Observed Water Level</b>	-5.87	N/A	-6.22	-11.32

Based on the 1994 Fishing Lagoon plans, the bottom of the lagoon was to be dredged to an elevation of -2.0 feet MLLW. The lagoon sill was constructed to an elevation of +10 feet MLLW



but has since had additional rock installed to reduce current speeds through the channel. The as-builts from January 2003 do not explicitly provide the elevations of the bottom of the lagoon or the sill/channel depth.

To visually show the tidal fluctuations within the Fishing Lagoon, Figure 4 shows the MLLW and mean higher high water (MHHW) contours superimposed over a 2019 aerial of the lagoon.



**Figure 4. Diurnal tidal fluctuation extent (MHHW and MLLW contours) within the Fishing Lagoon**

Long-term water level trends were reviewed using the NOAA Seldovia Station. Based on these data, sea level trends within the project vicinity are trending down which is attributed to isostatic rebound. For the purpose of these proposed solutions, it is assumed a more in-depth analysis of sea level trends will be completed during the design phase.

## Elevation data

Elevation data were extracted from previous as-built documentation as well as the Division of Geological and Geophysical Surveys elevation portal (DGGS 2018). The latest available data were collected in 2018 by the U.S. Army Corps of Engineers (USACE) joint airborne LiDAR bathymetric mapping of Alaska and were used as an approximation for existing conditions.

The national geodetic survey control point (TT0152) is located at the northern end of the runway in Homer and was used as an estimate for isostatic rebound when considering future elevations of structures in the lagoon. In 2005, the survey control was at +68.01 feet NAVD88, and in 2012, it was at +68.08 feet NAVD88. This is an average change of 0.12 inches per year. This rate of change does not impact the proposed solutions.

## Design Considerations/Requirements

The primary objectives of any improvement to the Fishing Lagoon access are to continue to provide ADA access to fishing opportunities, improve the fishing experience if possible, and reduce maintenance. Several considerations and requirements were considered when developing various alternatives and are discussed in more detail within this section.

### ADA Considerations

Section 1005 Fishing Piers and Platforms from the ADA Accessibility Standards provides guidelines for ramp design. Chapter 10: *Fishing Piers and Platforms* of the Access Board of ADA Guides provides guidelines for gangway and floating pier structures (U.S. Access Board, 2022).

For ramps located on the ground:

1. Slopes must not be steeper than 1V:12H, or roughly 8.3% grade.
2. Cross slope must not be steeper than 1V:48H or roughly 2% grade.
3. Ramp width must be a minimum of 36 inches wide.
4. Handrails are required if the slope is greater than 1V:20H and must be 34-38 inches in height and run parallel to the structure.

For gangways (walkway connecting a fixed structure or land to a floating structure):

1. Gangway must have a maximum slope of 1H:12V (8.3% grade) if shorter than 30 feet.
2. There are no maximum slope requirements for gangways 30 feet or longer.
3. Ramp width must be a minimum of 36 inches wide.
4. Handrails are required if the slope is greater than 1V:20H and must be 34-38 inches in height and run parallel to the structure.

Fishing Platforms:

1. Platform width needs to be wide enough to allow a wheelchair to pass by a stationary wheelchair (fishing).

### Fishing Considerations

Considerations regarding the impacts on ability to fish both for those using the ADA access and those in the vicinity of the ADA access were considered.

ADA Access Fishability – Individuals using the ADA access should be able to reasonably cast to fishable waters at most tide levels which includes providing adequate space and conditions for

the back cast. The casting range for the average angler is assumed to be 100 feet. Another important consideration is the ability to retrieve a fish once caught.

Fishability in the vicinity of the ADA Access – An important consideration is to not overly impede fishing ability to anglers that are not using the ADA access. For example, constructing a pier/gangway/floating dock that blocks casting from the shoreline is not an ideal situation.

Preferred Fishing Location – Anglers with disabilities may only be able to gain access to the fishable waters via the ADA access, thus, the location of the access needs to allow access to preferred fishing areas. Interviews with the City of Homer staff have indicated fishing the southern lobe of the Fishing Lagoon during incoming tides is commonly considered by the public to be the preferred fishing condition.

## Maintenance Considerations

The existing structure is experiencing a significant amount of sediment and debris buildup from large tidal swings pulling beach material onto the structure. This sedimentation issue inhibits ADA access. The problem is particularly challenging because the path is not wide enough for light equipment (e.g., side-by-side with plow/bucket) to assist with the clearing. Currently, the path is cleared manually either by not-for-profit organizations or City of Homer staff. Concepts that are expected to have similar sedimentation issues will need to be wide enough to allow equipment to easily maintain the access.

## Environmental Considerations

The design must also accommodate a wide range of environmental conditions including ice, saltwater, tides, sediment, and debris. Of particular concern are ice flows inside the lagoon that develop during the winter months which circulate within the lagoon and can cause potential damage to structures. The large tidal swings within the lagoon can move sediment/gravel as well as place debris such as drifting logs on to access structures.

# Preliminary Concepts

Three primary concepts and multiple variations of these concepts were developed for improving ADA access to the Fishing Lagoon.

These include:

1. Stabilized At Grade Access
2. Floating Access
3. Elevated Access

For each concept and their variations, a brief description and discussion on the benefits and potential drawbacks are provided. Conceptual-level schematics have been developed to provide a visualization of these concepts.

## Stabilized At Grade Access

This concept would entail replacing the existing access with a similar access placed on the existing grade, however, stabilized using retaining walls. Retaining walls would reduce the sediment/gravel and debris buildup occurring on an in-ground ramp, a major maintenance issue with the current ADA access. Retaining walls can be constructed out of different types of materials and configurations.

Retaining walls could be placed on both sides or just the uphill side of the at grade access. The retaining wall on the uphill side would help prevent sediment/gravel and debris from being pulled down on top of the path from tidal, wind, or trampling action. A retaining wall on the downhill side would act to reduce wave and ice impacts and provides the safety retaining ADA requirement. Not including a retaining wall on the downhill side would require the access to be slightly raised above the existing grade to reduce sediment/gravel from being deposited on the access. In addition, a removable safety railing (removed in winter) would need to be included.

Utilizing retaining walls on both sides of the access would effectively act as protection from uphill and downhill erosion/sedimentation, but could potentially cause ice traps, or create undesirable situations where water and ice buildup on the structure. Drainage features would need to be included if utilizing both an uphill and downhill retaining wall.

The concepts presented herein discuss a new at grade access/ramp. However, retaining walls could be installed on the uphill side of the existing structure and would help minimize the amount of maintenance required. However, the existing at grade access is experiencing wear and tear and this option would not provide the most longevity. Figure 5 shows the existing ramp damage as observed during a site visit on May 22, 2022. Leaving the existing ramp in place is expected to be the most cost-effective option.





Figure 5. Existing ramp damage at the Homer Fishing Lagoon

### Stabilized At Grade Variations

Three variations for an at grade access were considered including:

1. At Grade Access – Gabion/Marine Mattress
2. At Grade Access – Concrete Ramp and Retaining Walls
3. At Grade Access – Sheet Pile Retaining Wall

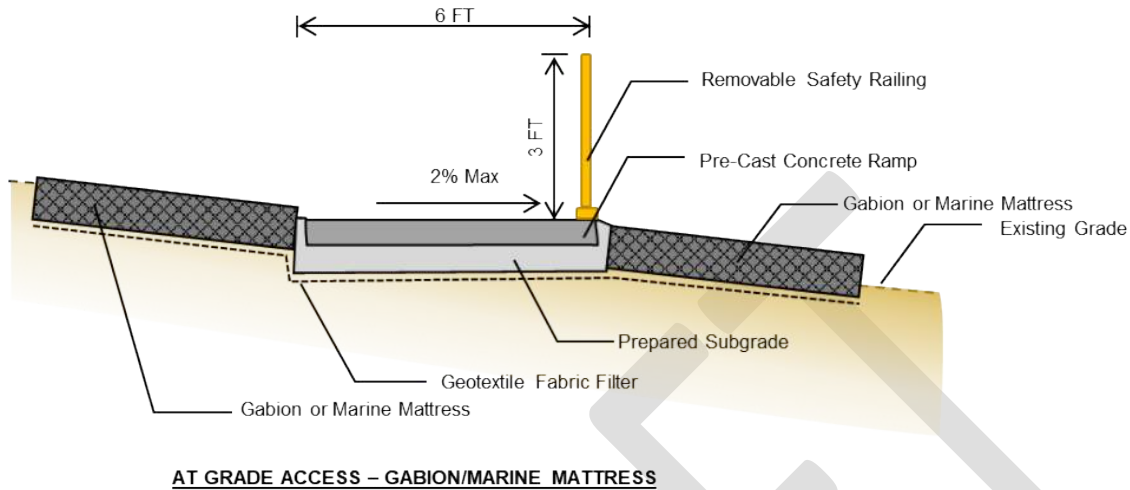
#### AT GRADE ACCESS – GABION/MARINE MATTRESS

Gabions are woven mesh containers often constructed of galvanized steel, coated galvanized steel, stainless steel, and geosynthetics (e.g., geogrid) that can be filled with rock to build retaining walls. They are generally inexpensive in comparison to other shoreline stabilization methods and can be filled with small, quarried stone or in some cases existing large material found on the beach (not considered viable in Homer).

Similar to gabions, another product is the marine mattress, also referred to as a gabion mattress, which is usually employed as a channel lining for rivers but is also used as a bank stabilization measure such as for retaining rock. Both metal and synthetic versions of marine mattresses exist. However, a mattress style gabion is still susceptible to damage from ice forces, potentially requiring annual maintenance.

This variation would entail placing gabions or marine mattress on the uphill and downhill side of the slope as a vertical retaining wall or placed parallel to the slope (Figure 6) which is the pref

erred use of gabions for this application. Figure 7 provides an example of metal gabions placed parallel to the shoreface.



**Figure 6. At Grade Access – Gabion/Marine Mattress Profile Schematic**



**Figure 7. Gabion mattress example (Source: <https://www.maccaferri.com>)**

Pros	Cons
<ul style="list-style-type: none"> <li>• No sedimentation maintenance required</li> <li>• Inexpensive, comparatively</li> <li>• Easily repairable</li> <li>• Can utilizes existing rock (if available); Otherwise, rock is small and can be sourced by a variety of sources (competitive pricing)</li> <li>• Allows for drainage</li> <li>• Does not impede castable beach</li> <li>• Easy to retrieve fish</li> <li>• Reduces scour potential</li> <li>• Can possibly be utilized with existing structure</li> </ul>	<ul style="list-style-type: none"> <li>• Easily damaged (ice, vandalism)</li> <li>• Reduces natural walking space (beach area above and below path)</li> <li>• Can create dangerous walking areas if public walks on the mattress/gabions</li> </ul>

#### CONCRETE RAMP AND RETAINING WALLS

This variation would entail a concrete ramp and retaining walls made from pre-cast blocks of concrete. Pre-cast would be the preferred method within the lagoon due to the daily flooding. Since concrete does not provide adequate drainage, including weep holes would be required; however, these are likely to be ineffective over time due to sedimentation and would require periodic maintenance to keep clear. A schematic showing the profile view of this variation is shown in Figure 8. Alternative, only using an uphill wall with an elevated downhill path edge could be used and is likely the preferred variation because of the improved drainage. A schematic showing this variation in profile view is shown in Figure 9.

Pros	Cons
<ul style="list-style-type: none"> <li>• No sedimentation maintenance required</li> <li>• Durable, requires little maintenance</li> <li>• Repairable</li> <li>• Can possibly be utilized with existing structure</li> <li>• Able to easily integrate a removable handrail</li> </ul>	<ul style="list-style-type: none"> <li>• Susceptible to cracking and crumbling</li> <li>• Captures ice, water, flotsam debris (when using both walls)</li> <li>• Not easily fishable outside of fishing platform area (when using both walls)</li> <li>• Reduces castable beach area</li> <li>• Scour Potential</li> </ul>

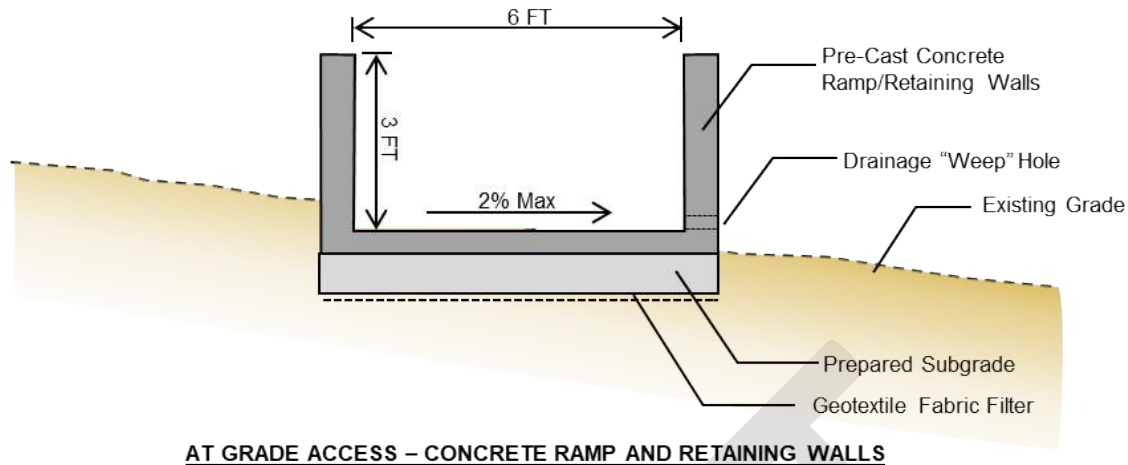


Figure 8. At Grade Access – Concrete Ramp and Retaining Walls Schematic

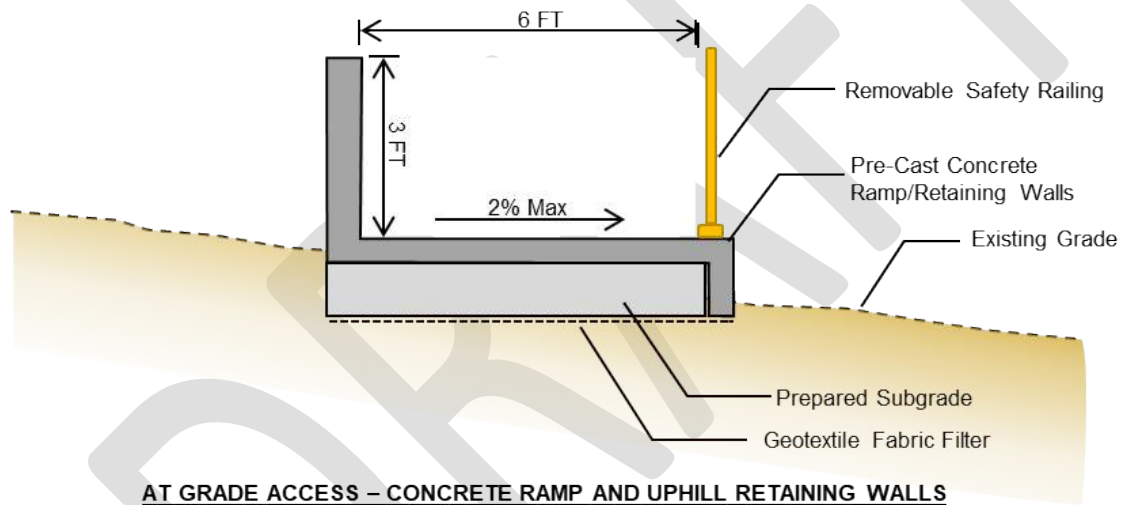


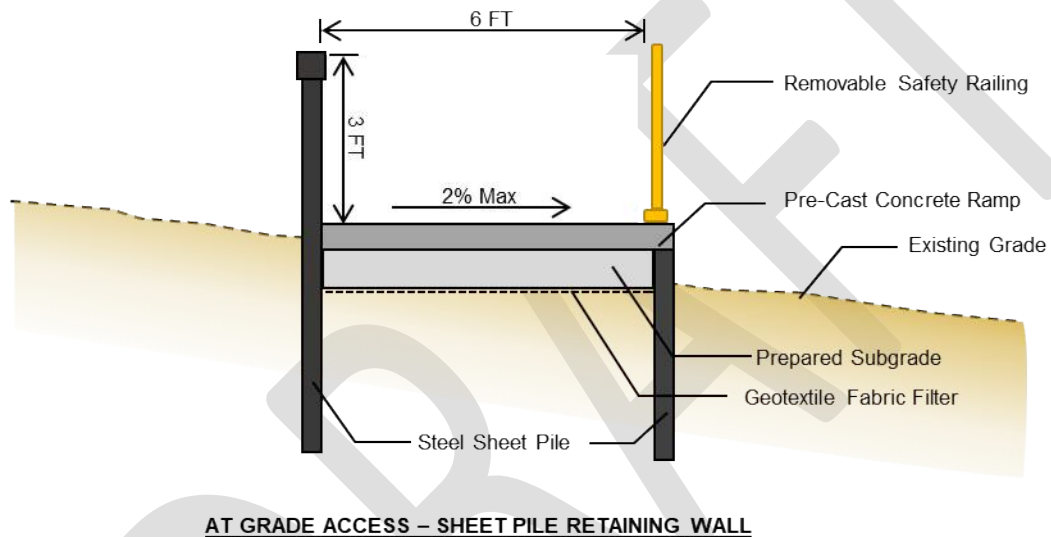
Figure 9. At Grade Access – Concrete Ramp and Uphill Retaining Wall Schematic

#### SHEET PILE RETAINING WALL

Similar to concrete, steel sheet pilings can be used as a retaining device to prevent material from migrating downhill on to the path. The pilings are driven into the ground on either side of the path to a depth that allows the wall to effectively hold back material and sustain impacts from waves and ice. A schematic of this variation with only the uphill retaining wall is shown in Figure 10. A visual example of steel sheet pile is shown Figure 11.



Pros	Cons
<ul style="list-style-type: none"> <li>• No sedimentation maintenance required</li> <li>• Generally easy to install</li> <li>• Durable</li> <li>• Can possibly be utilized with existing structure</li> </ul>	<ul style="list-style-type: none"> <li>• Often expensive comparatively</li> <li>• Susceptible to corrosion/damage</li> <li>• Captures ice, water, flotsam debris (when using both walls)</li> <li>• Reduces castable beach area</li> <li>• Not easily repairable</li> <li>• Low aesthetic value</li> </ul>



AT GRADE ACCESS - SHEET PILE RETAINING WALL

**Figure 10. At Grade Access – Sheet Pile Retaining Wall Schematic**



**Figure 11. Example of steel sheet pile; piling used along the path would be sized, trimmed, and capped to create a cleaner look than shown in this image (Source: <https://www.sheet-piles.com>)**

Rough order magnitude cost for the At Grade Access variations described are provided below. These costs are derived from AAHSTOWARE utilizing Alaska Department of Transportation and Public Facilities (DOT&PF) cost information and various other sources. Cost development assumes concepts essentially reoccupy the existing southern ADA access with four fishing platforms and a total length of 400 feet.

#### Cost Including Removal of Existing Path

Structure Type	Cost
Gabion/Marine Mattress	\$709,300
Concrete Retaining Wall	\$528,300
Concrete Retaining Wall and Railing	\$590,000
Steel Retaining Wall	\$677,700

## Floating Access

A floating access (similar to a dock) provides over-water fishing opportunities. The floats allow the dock to move up and down during tidal swings while providing ADA access to fishing for the entire tidal fluctuation. Float access design could utilize pre-manufactured floats which come in a wide range of shapes and sizes, allowing for design flexibility.

Three variations for a floating access were considered including:

1. Floating dock
2. Floating ramp with switchbacks
3. Floating ramp, straight

### Floating Dock

This concept would include a fixed dock or approach above the highwater level and a removable or raisable gangway leading to a removable floating dock allowing for a fishable platform to move up and down with the tides. A fixed pier above the highwater level would provide a year-round lookout point and platform upon which a gangway is affixed. The gangway could be designed to be affixed high on the guide piles during winter if the float is removed. The floating portion of the dock could be removed and reinstalled in the fall and spring to avoid damage from ice and perform maintenance as necessary. A major issue with this type of setup is that it would obstruct a large amount of bank fishing. In other words, anglers from the bank would be limited in where they could fish due to potentially casting into the floating dock/fishing platform. In addition, the fishable area of this variation is considerably less than the Floating Ramp, Straight variation developed. While the gangway would meet current ADA standards, the elevation drop from the uplands (approximately +22 feet NAVD) to a low tide level (approximately -5 feet NAVD) would create a 1V:3H to 1V:4H slope which would be challenging for a wheel chair. A schematic of this variation is shown in Figure 12.

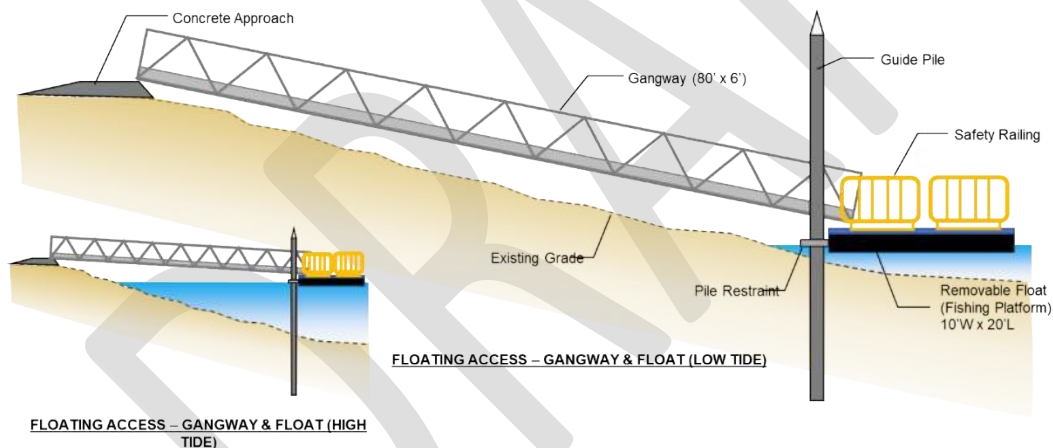


Figure 12. Floating Dock Schematic

Pros	Cons
<ul style="list-style-type: none"> <li>No sedimentation maintenance required</li> <li>Over water access, at all tides</li> <li>Removable in the winter</li> <li>Permanent viewing area</li> </ul>	<ul style="list-style-type: none"> <li>Blocks significant amount of onshore fishing (entire lobe of lagoon)</li> <li>Must be removed and reinstalled manually</li> <li>Limited fishing platform area</li> </ul>

### Floating Ramp with Switchbacks

This concept would entail a floating ramp that rests on supports fixed along the lagoon bank. As the tide rises, the floats would rise and remain aligned using guide piles. This system would be very similar to floating docks used within the Homer Harbor. The ramp path would wrap back on itself creating a zig-zag pattern. The purpose of the zig-zag pattern is to meet ADA accessibility requirements of the ramp at all tidal ranges by reducing the slope angle. This alternative would require annual maintenance as it would have to be removed seasonally. A schematic showing the profile view of the floating ramp is shown in Figure 13.

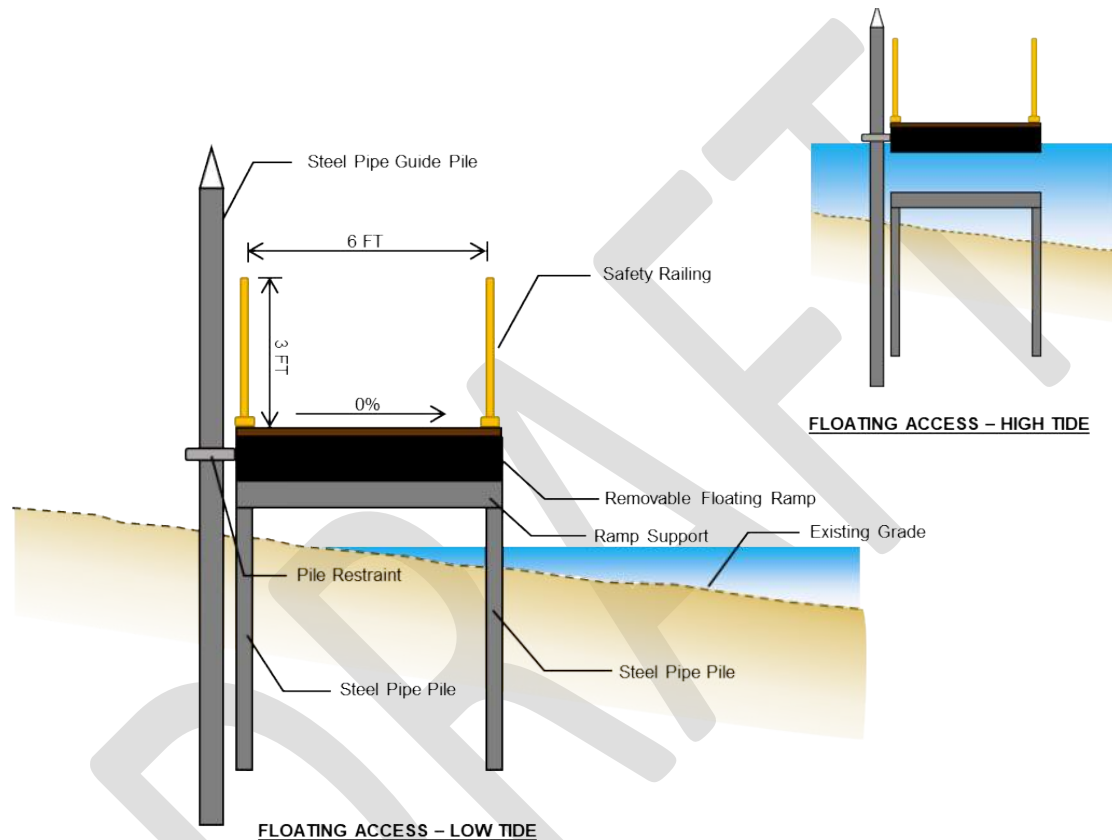


Figure 13. Floating Ramp Schematic

Pros	Cons
<ul style="list-style-type: none"> <li>No sedimentation maintenance required</li> <li>Over water access, at all tides</li> <li>Removable in the winter</li> </ul>	<ul style="list-style-type: none"> <li>Expensive</li> <li>Blocks onshore fishing, at location of ramp only</li> <li>Must be removed and reinstalled manually</li> <li>Limited fishable area</li> </ul>

### Floating Ramp, Straight

Similar to the previous floating ramp concept, this concept would also entail a floating ramp that rests on supports fixed along the lagoon bank and utilize guide piles as the tide rises. The ramp path, however, would fall along a straight path that essentially reoccupies the existing access location. Alternatively, the floating ramp could be wrapped in other locations along the southern lobe of the fishing lagoon with adequate space. The ramp would raise and lower with the tides, providing access to over water fishing during the entire tidal swing. The floating ramp is unique in that it provides a new opportunity for anglers to have over-water access not previously available in the lagoon. The schematic showing the profile view of this variation is the same as the switchback variation shown in Figure 13.

Pros	Cons
<ul style="list-style-type: none"> <li>No sedimentation maintenance required</li> <li>Over water access at all tides</li> <li>Removable in the winter</li> <li>Creates over-water fishing opportunities that offsets how the ramp blocks onshore fishing (i.e., anglers wanting to fish an area blocked by ramp could easily utilize the ramp and have larger fishing area to work with)</li> <li>Most fishable area of all concepts/variations</li> </ul>	<ul style="list-style-type: none"> <li>Expensive</li> <li>Must be removed and reinstalled manually</li> </ul>

### Cost

Rough order magnitude cost for the Floating Access variations described are provided below. These costs are derived from AAHSTOWARE utilizing Alaska Department of Transportation and Public Facilities (DOT&PF) cost information and various other sources. Cost development of Floating Ramp, Straight assumes concepts essentially reoccupy the existing southern ADA access with four fishing platforms and a total length of 400 feet.

Structure Type	Cost
Floating Dock	\$500,400
Floating Ramp with Switchbacks	\$1,464,300
Floating Ramp, Straight	\$1,464,300

### Other Considerations Regarding Floating Access

A reduction in shoreline fishing availability does occur with the floating access options. However, the same amount of shoreline fishing that is blocked by the floating access is created

by the floating access itself (i.e., the access is simply relocated close to the center of the lagoon with this option). Anglers can access and fish from the dock in lieu of fishing the shoreline that floating access is blocking.

The guide and float support piles can be designed to manage ice impacts.

It is recommended the floating structure be removed seasonally to avoid damage during the winter.

## Elevated Access

This concept entails a pile supported platform that raises the walkway above the ground to an adequate elevation allowing free movement of sediments/gravel under the pathway. This would effectively eliminate any periodic maintenance needs for removing sedimentation. The platform used for the access could utilize a durable composite surface that is ADA compliant and well-draining such as Fibergrate® or similar product. Since the structure is fixed, it will be regularly submerged with the tides requiring quick drainage and made of material that can withstand constant wetting and drying and a saltwater environment. A schematic showing this concept in profile view is shown in Figure 14. An example of an elevated platform utilizing a durable ADA composite surface is shown in Figure 15.

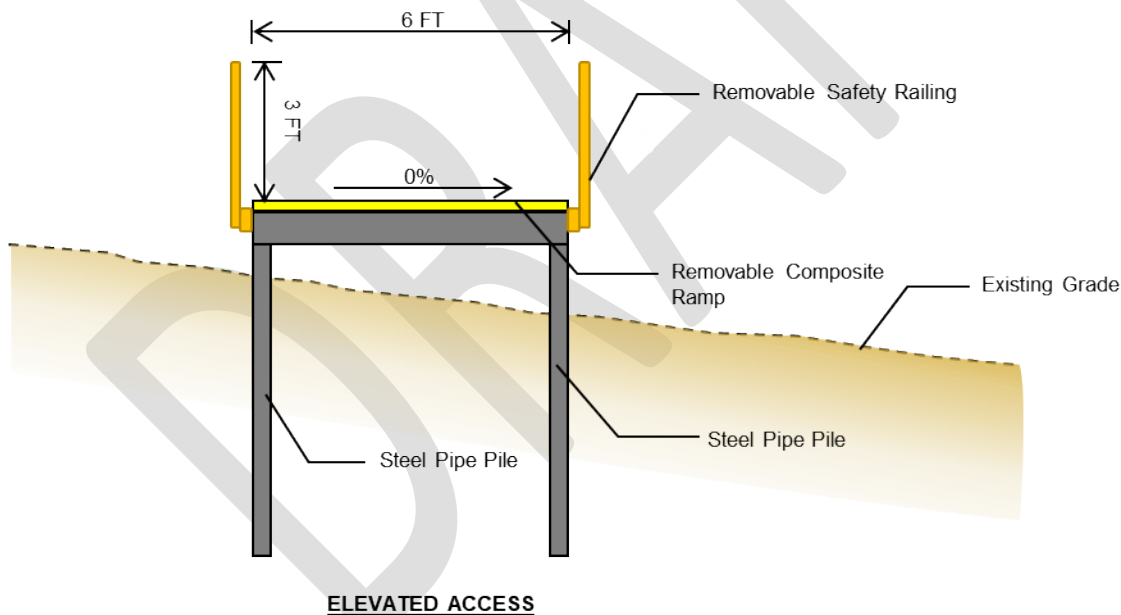


Figure 14. Elevated Access Schematic





Figure 15. Example of an elevated walkway using an ADA compliant composite surface. Note, wooden railing would not be applicable in a saltwater environment as shown in this image.

Pros	Cons
<ul style="list-style-type: none"> <li>• Low Maintenance</li> <li>• Does not block onshore fishing</li> </ul>	<ul style="list-style-type: none"> <li>• ADA accessible when above water</li> <li>• Susceptible to ice damage, may need to be removed in winter</li> <li>• Location limited to meet ADA ramp slope requirements</li> <li>• Could be a nuisance for casting from on shore at higher tides, hung up in ramp</li> </ul>

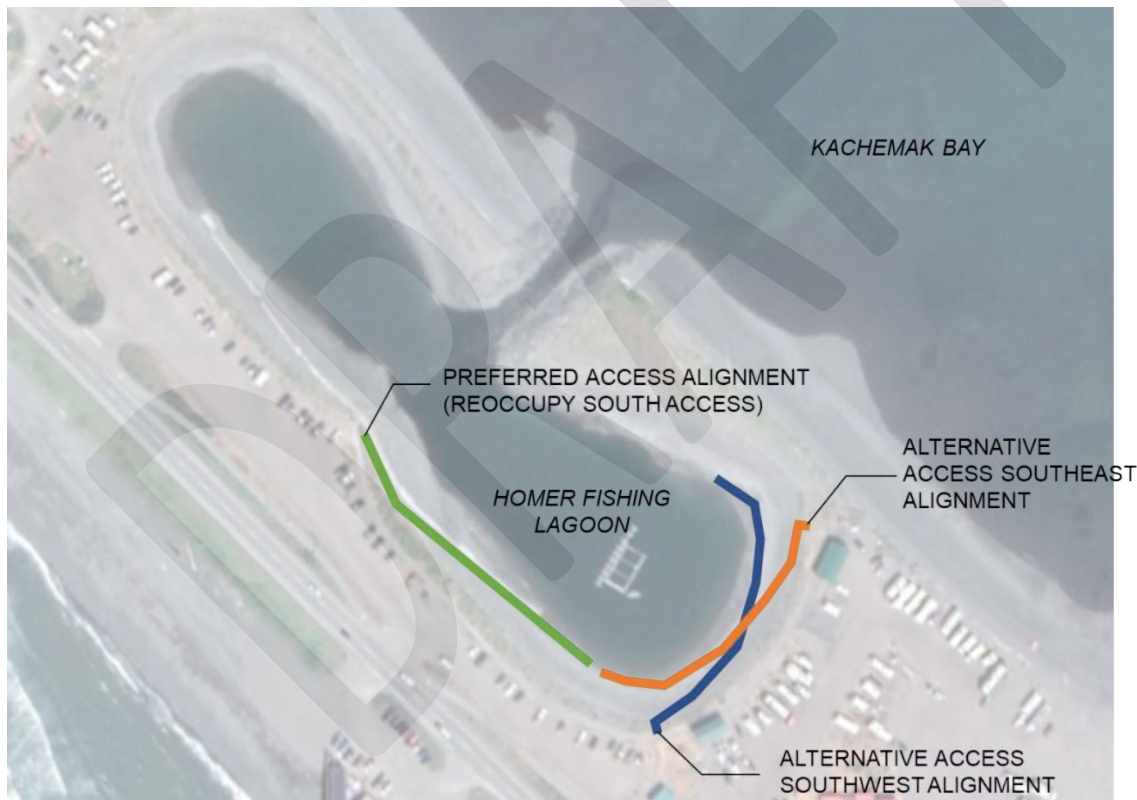
## Cost

Rough order magnitude cost for the Elevated Access described is provided below. This cost is derived from AAHSTOWARE utilizing Alaska Department of Transportation and Public Facilities (DOT&PF) cost information and various other sources. Cost development of the Elevated Access assumes essentially reoccupy the existing southern ADA access with four fishing platforms and a total length of 400 feet.

Structure Type	Cost
Elevated Access Structure	\$762,300

## Access Alignment and Fishing Platform Layout

The preferred alignment for all three options (except the floating dock and floating ramp with switchback variations) is recommended to essentially reoccupy the existing ADA path, however, slightly extended to take advantage of more of the tide. Alternatively, an access starting at the southeast and southwest side of the southern lobe of the Homer Fishing Lagoon could be used. Location of these alignments are shown in Figure 16. All alignments shown focus on the southern lobe since it is assumed this is a premier fishing location due to the alignments' vicinity to the seasonal hatchery. Additional access alignments could be included on the northern lobe of the fishing lagoon and is expected to double any rough order magnitude costs provided in this document (i.e., two access locations instead of one).

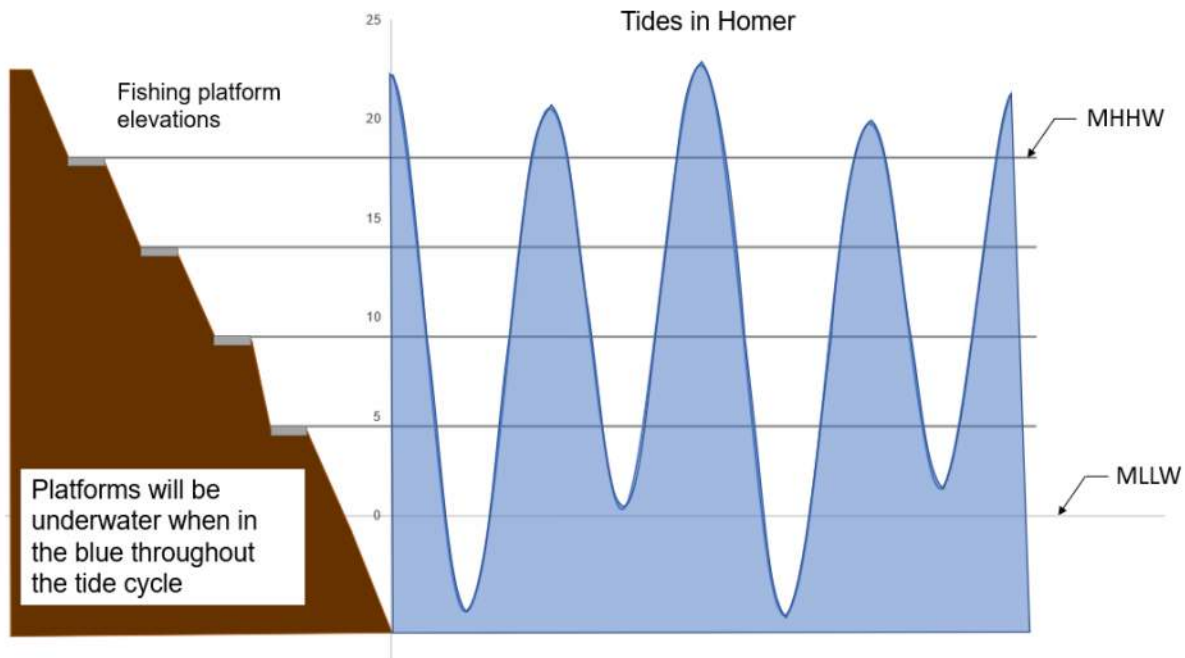


**Figure 16. Potential alignments for the improved fishing access.**

For conceptual purposes, four fishing platforms are considered to increase the fishable area considering the tidal fluctuations. An example of regularly spaced platforms, such as those in the at grade and elevated access, in relation to the tidal swing of the lagoon are shown in Figure 17. Any time the platform elevation is blue, it will be underwater. Providing multiple platforms allows for fishing accessibility by ADA users at a variety of tidal stages. While the sill was desi



igned to be at +10 feet MLLW, from aerial photographs it is shown the water levels reach MLLW and lower, likely due to travel of the water through the porous walls of the lagoon.



**Figure 17. Frequency and duration of fishing platforms being submerged**

A conceptual plan view of the fishing platform is provided in Figure 18. The fishing access concepts would include a 6-foot-wide ramp that expand to an 8-foot wide by 20-foot-long fishing platforms. The ramps would include safety railing or retaining wall (depending on variation) while the fishing platform would only include a low crested bull rail to improve fishability and ease of landing a fish caught. Fishing-specific features could be included with the bull rail such as rod holders as shown in the example provided in Figure 19.

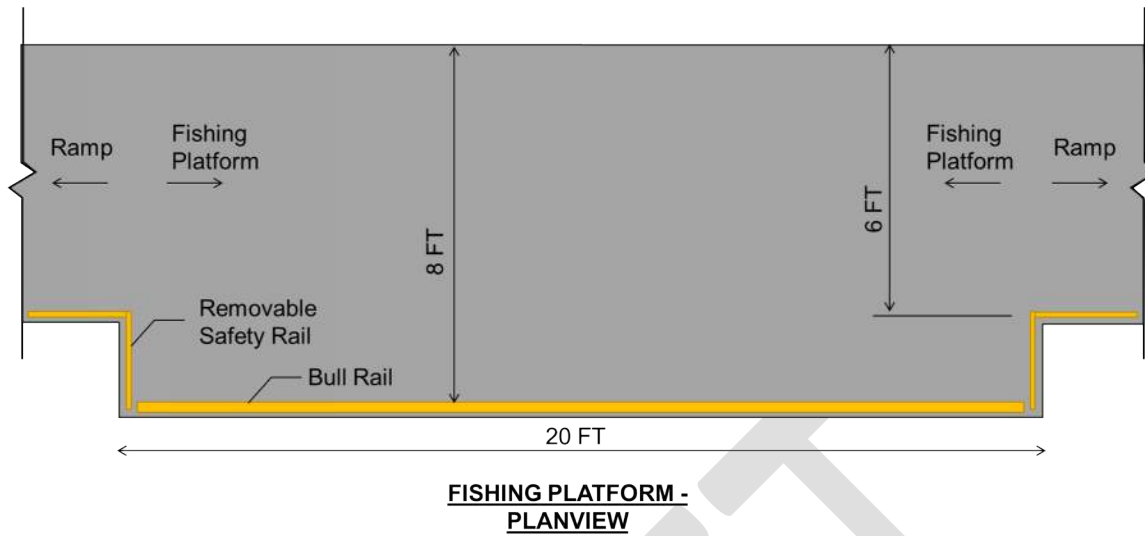


Figure 18. Fishing Platform Plan View Schematic



Figure 19. Example of fishing rod holder integrated into the bull rail (Source: [wcyb.com/news/local/new-handicap-accessible-fishing-ramp-opens-to-the-public](http://wcyb.com/news/local/new-handicap-accessible-fishing-ramp-opens-to-the-public))

# Recommendations

Three main concepts, an at grade access, floating access, and elevated access are proposed as ADA fishing access solutions for the Homer fishing lagoon. Multiple variations of these concepts are also presented. Variations of all three concepts can be positioned from the existing ramp location, the southeast corner, or the southwest corner of the lagoon. Location will depend on the City of Homer's desire for placement, with accessibility and fishing locations in mind. The recommended location to maintain access is the same location as the existing infrastructure which maximizes the fishable area within the southern lobe of the lagoon.

## Stabilized At Grade Ramp, First Preferred Concept

An at grade access with minimal concrete retaining wall on the uphill side is the preferred access option as it is least expensive variation that provides the most fishable areas. Annual repairs may be required but light equipment will be able to remove sediment and debris buildup along the pathway should it get past the retaining wall. A new concrete path would be installed, including tie-ins that are accessible on a piece-by-piece basis, allowing for replacement of cracked or damaged concrete panels. A prospective visualization of this concept is provided in Figure 20.



**Figure 20. At-Grade Access - Concrete Ramp with Uphill Retaining Wall Visualization**



## Floating Access Ramp, Straight – Second Preferred Concept

The floating access is next preferred concept to the at-grade access. The floating option, while considerably more expensive, provides the best fishing opportunities of all the concepts since the entire structure never goes underwater. The floating dock is removable, allowing for regular maintenance and damage prevention during the winter months. The piers would be left in year-round and can be designed to deflect and withstand ice impacts. A prospective visualization of this concept is provided in Figure 21. The floating dock, while the least expensive, is not recommended due to the steep approach during low tides, minimal fishing area, and increased possibility of casting into the floating dock.

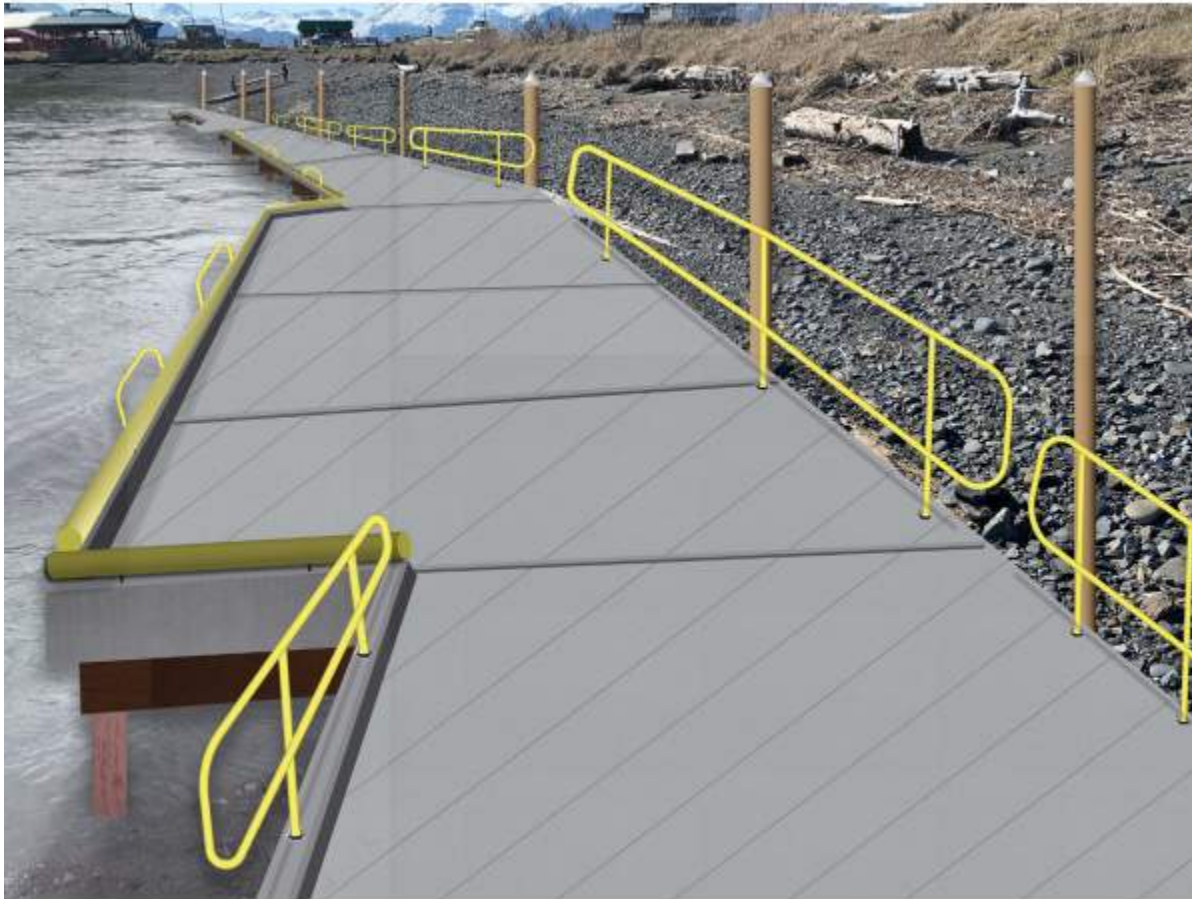


Figure 21. Floating Access Visualization

## Elevated Access – Third Preferred Option

The next recommended option is the elevated access behind the at-grade access and floating access. This option is more expensive than the at-grade concept but is expected to provide the most longevity of all of the concepts. The fishability is expected to be similar to the at-grade concept and thus not as good as the floating access concept. The elevated access, similar to the at grade access, provides access with platforms to fish from, but eliminates the need for retaining walls by raising the platform above the sediment/gravel movement. A Fibergrate® or similar composite panel surface allows for drainage and prevents small sediments from

accumulating along the path. The railings and pilings would be designed to withstand ice during winter months, reducing the maintenance. Replacement of damaged or broken composite panels is expected to be easily performed (bolt off, bolt on) and can be done without major equipment. A prospective visualization of this concept is provided in Figure 22.



Figure 22. Elevated Access Visualization

# Resources

2022. Coast View. *Dudiak Fishing Lagoon, Homer Spit*. Accessed on May 5<sup>th</sup>, 2022.  
Accessible here: Dudiak Fishing Lagoon, Homer Spit | CoastView,
2018. DGGs. Division of Geological and Geophysical Surveys Elevation Portal. State of Alaska Mapper. Accessed on May 3, 2022. Accessible here: [DGGs Elevation Portal \(alaska.gov\)](https://dgg.alaska.gov/)
2022. Google Earth. Accessed on May 9<sup>th</sup>, 2022.
2022. NOAA. *NOAA Tides and Currents*. Station 9455500 Seldovia, AK. Accessed on May 4<sup>th</sup>, 2022. Accessible here: [Station Home Page - NOAA Tides & Currents](https://tidesandcurrents.noaa.gov/stationHome.action?station=9455500)
2022. NOAA. *NOAA Tides and Currents*. Station 9455558 Coal Point, AK. Accessed on May 4<sup>th</sup>, 2022. Accessible here: [Station Home Page - NOAA Tides & Currents](https://tidesandcurrents.noaa.gov/stationHome.action?station=9455558)
2022. U.S. Access Board. *Chapter 10: Fishing Piers and Platforms*. Accessed on May 6<sup>th</sup>, 2022. Accessible here: [Chapter 10: Fishing Piers and Platforms \(access-board.gov\)](https://www.access-board.gov/chapter-10/)

# Historic As Built Information

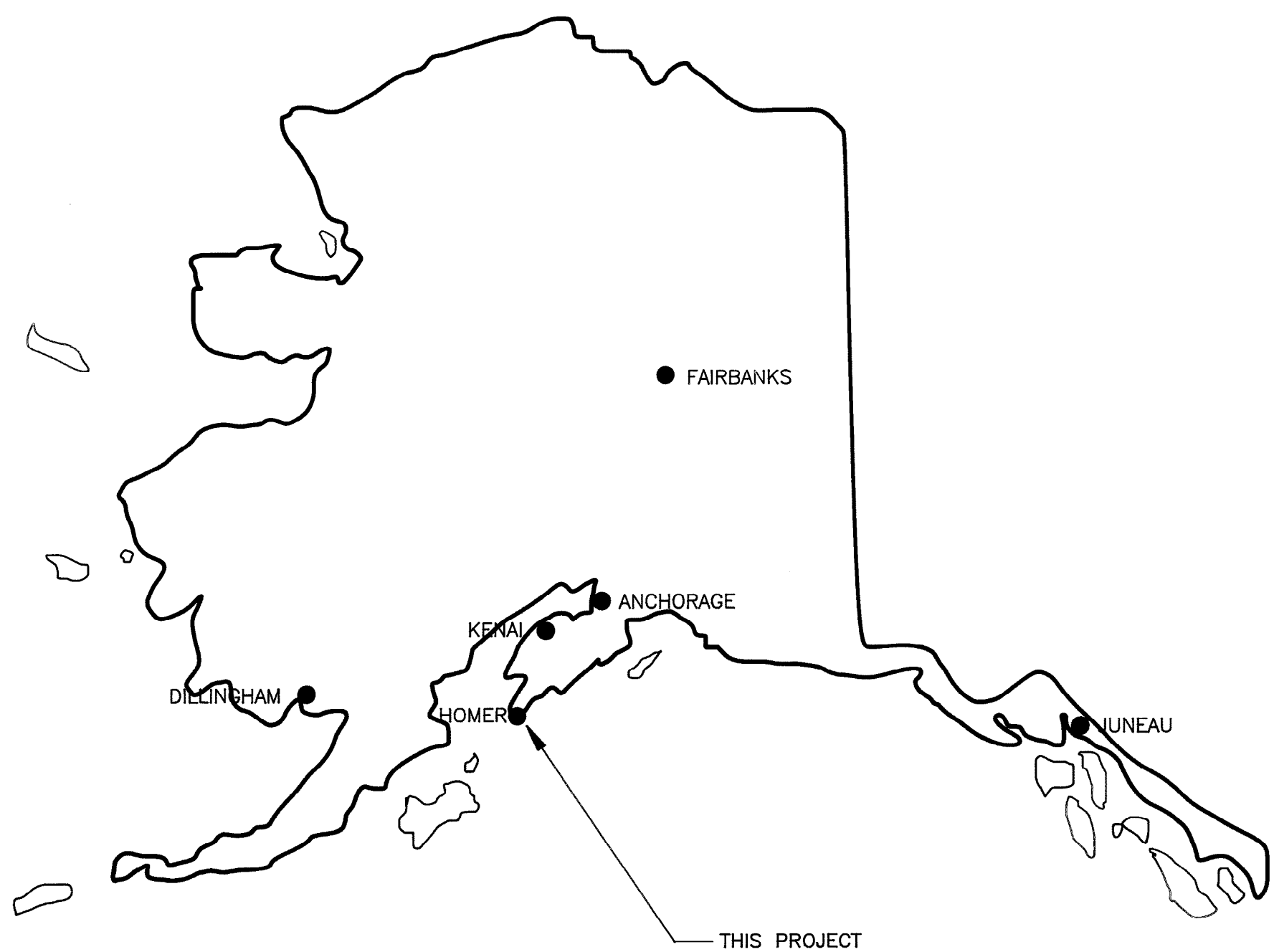
Homer Fishing Lagoon ADA Ramp Design

City of Homer  
June 10, 2022

# CITY OF HOMER

DEPARTMENT OF PUBLIC WORKS

## HOMER SPIT FISHING LAGOON EXPANSION



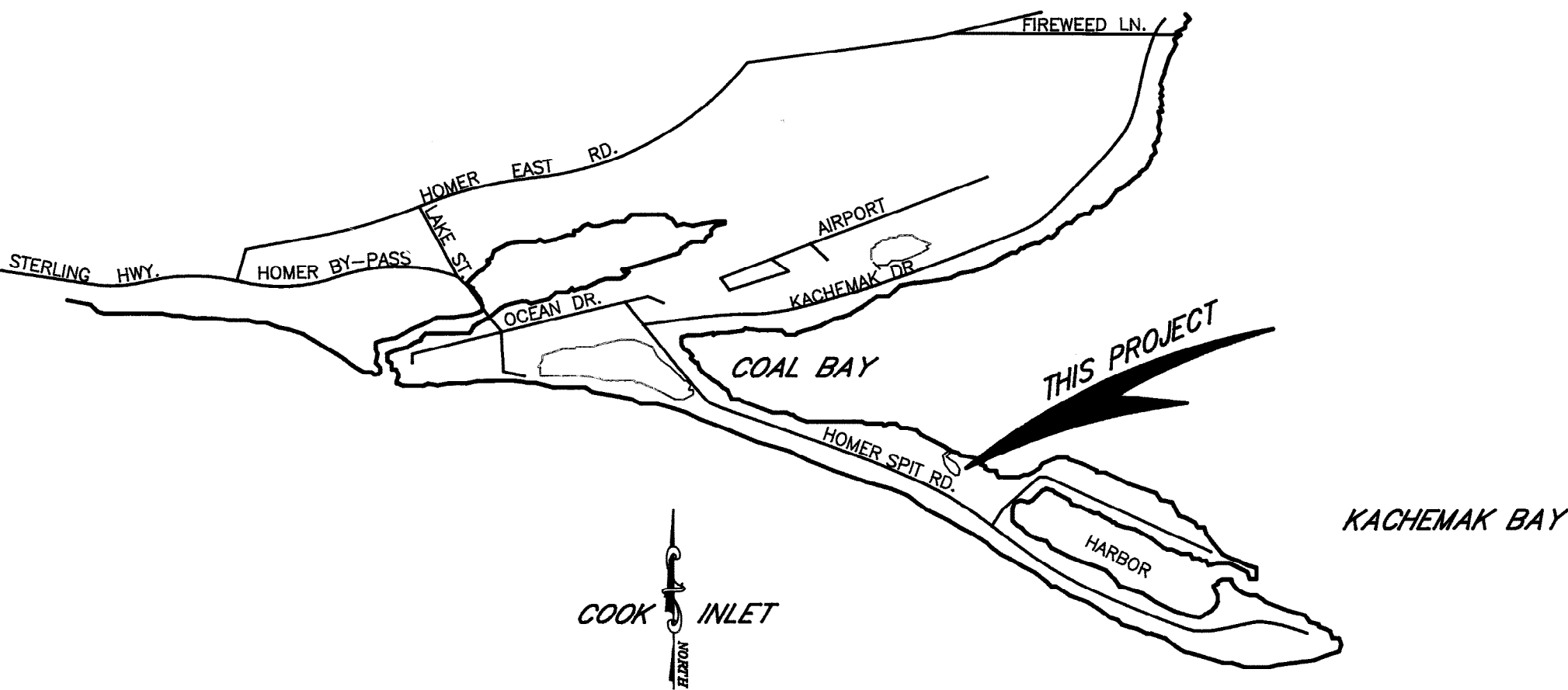
LOCATION MAP

### INDEX TO DRAWINGS

DRAWING	SHEET
LEGEND, VICINITY MAP, LOCATION MAP	1
FISHING LAGOON, EXISTING SITE	2
FISHING LAGOON, PROPOSED SITE	3
TYPICAL SITE DETAILS	4
CROSS SECTIONS, 0+00 TO 7+00	5
CROSS SECTIONS, 7+50 TO 11+00, QUANTITIES	6

### LEGEND

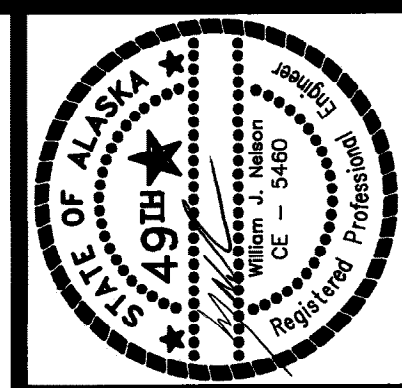
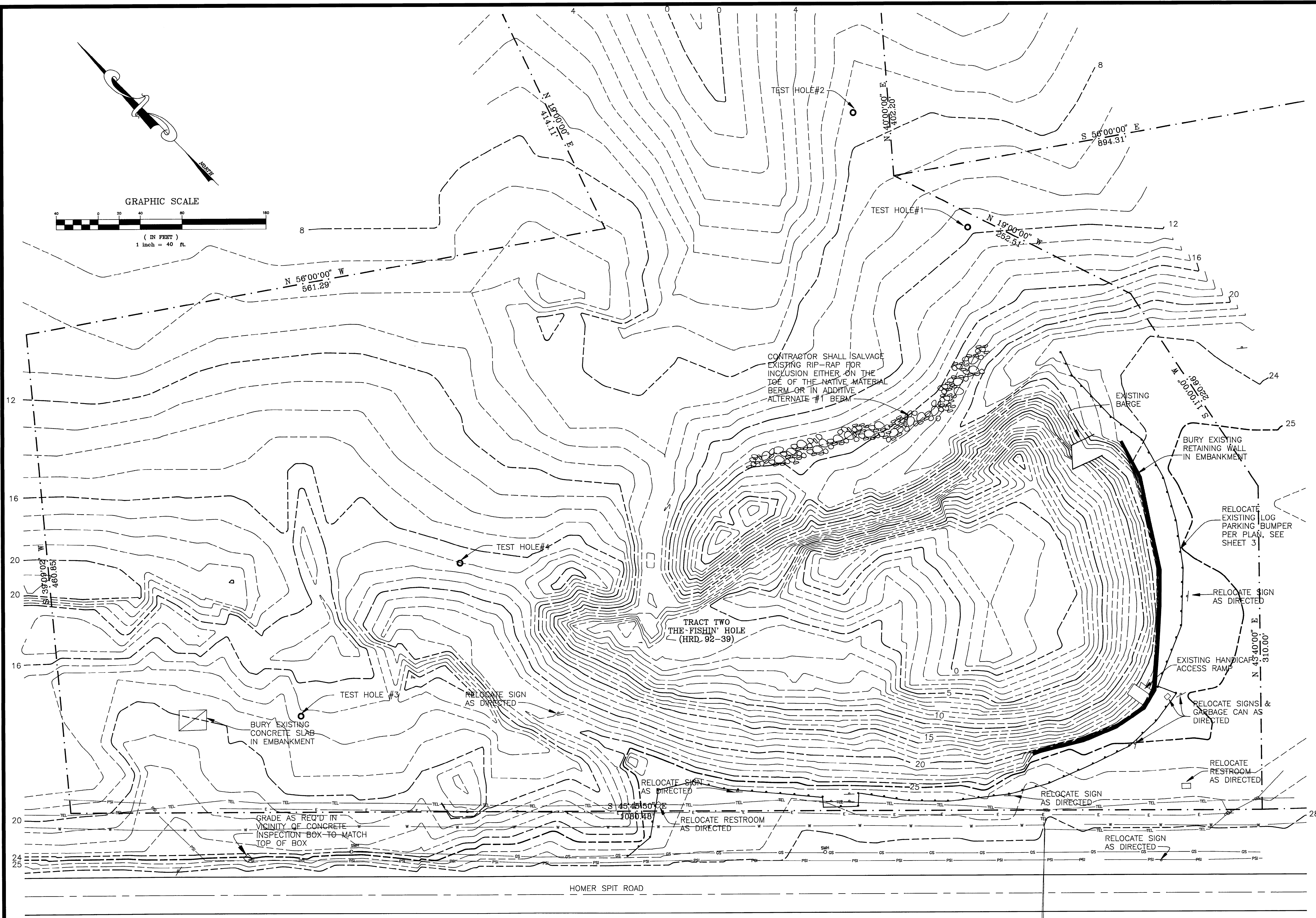
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— PSI —	PRESSURIZED SEWER
— SM —	SEWER MANHOLE
— W —	WATER
— E —	ELECTRICAL POWER
— TEL —	TELEPHONE
— . . . —	PROPERTY LINE
— LOG —	LOG PARKING BUMPER
— — — —	EXISTING CONTOURS
— — — —	PROPOSED 1' CONTOUR INTERVAL
— — — —	PROPOSED 4' CONTOUR INTERVAL
— — — —	BASIS OF BEARING



VICINITY MAP

N.T.S.







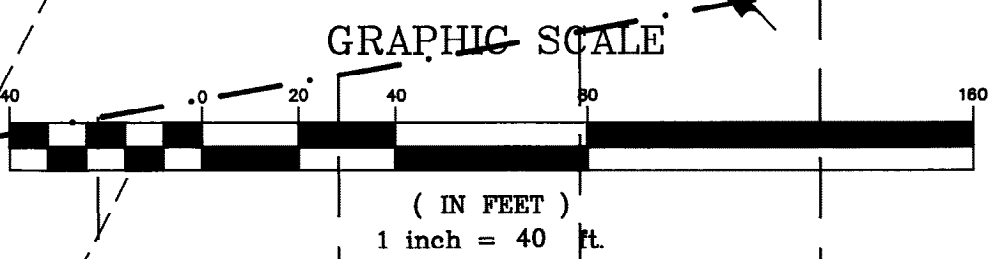
**WILLIAM J. NELSON & ASSOCIATES**  
CONSULTING ENGINEERS - STRUCTURAL/CIVIL  
SUITE 204  
99611  
2215 FIDALGO  
KENAI, ALASKA  
(907) 283-3583

PROJECT NO.  
**9330**  
DRAWN BY:  
**CEB,WJN**  
CHECKED BY:  
**WM. J. NELSON**  
DATE: **1/12/94**  
SCALES: **NOTED**  
HORIZ. **1"=40'**  
VERT.  
SHEET



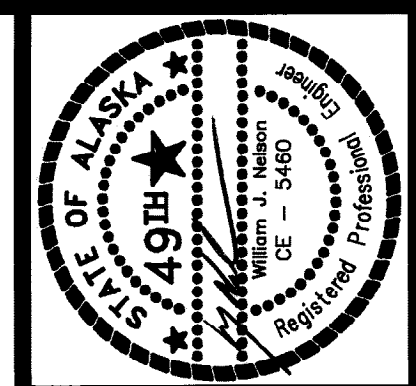
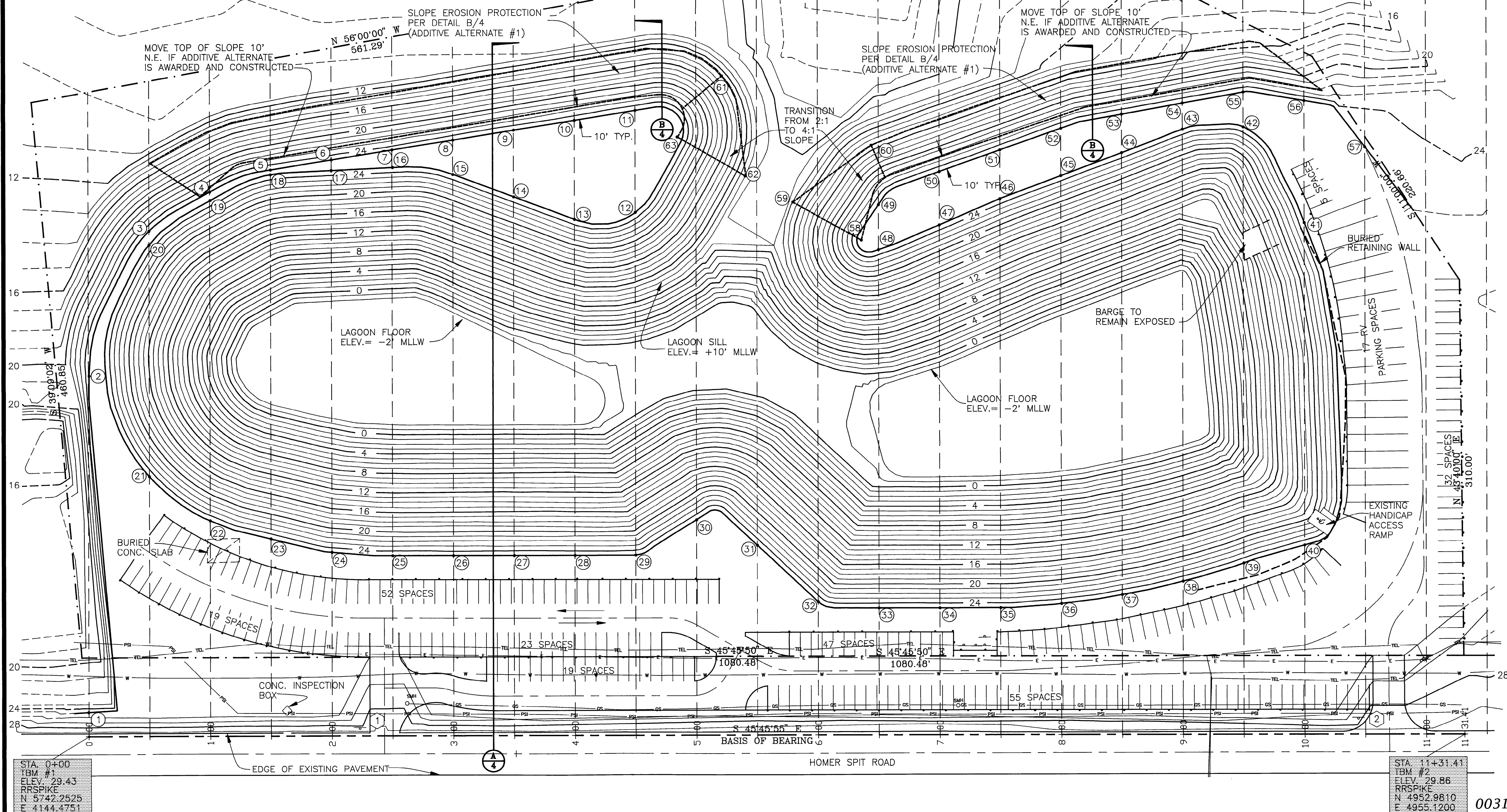
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9	N 5856.3096 E 4744.0180	19	N 5989.2737 E 4525.0922	29	N 5535.0422 E 4570.7907	39	N 5180.9331 E 4923.8653	49	N 5602.5394 E 4915.6471	59	N 5653.2316 E 4866.7864					
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	STOP	36" x 36"



NOTE:

PARKING SPACES SHOWN ON THE DRAWINGS ARE FOR OWNER'S PLANNING PURPOSES ONLY. CONTRACTOR IS NOT RESPONSIBLE FOR MARKING PARKING SPACES.

[illegible]

**WILLIAM J. NELSON & ASSOCIATES**  
CONSULTING ENGINEERS - STRUCTURAL/CIVIL

215 FIDALGO  
KENAI, ALASKA

SUITE 204  
99611  
(907) 283-3583

# HOMER SPIT FISHING LAGOON PROPOSED SITE PLAN

PROJECT NO.  
9330

DRAWN BY:  
CEB

CHECKED BY:  
WM. J. NELSON

DATE: 1/12/94

SCALES: NOTED

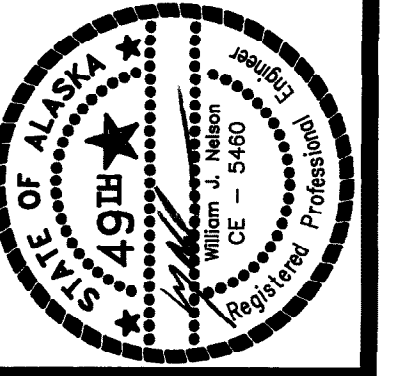
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SHEET

00319

3 OF 6

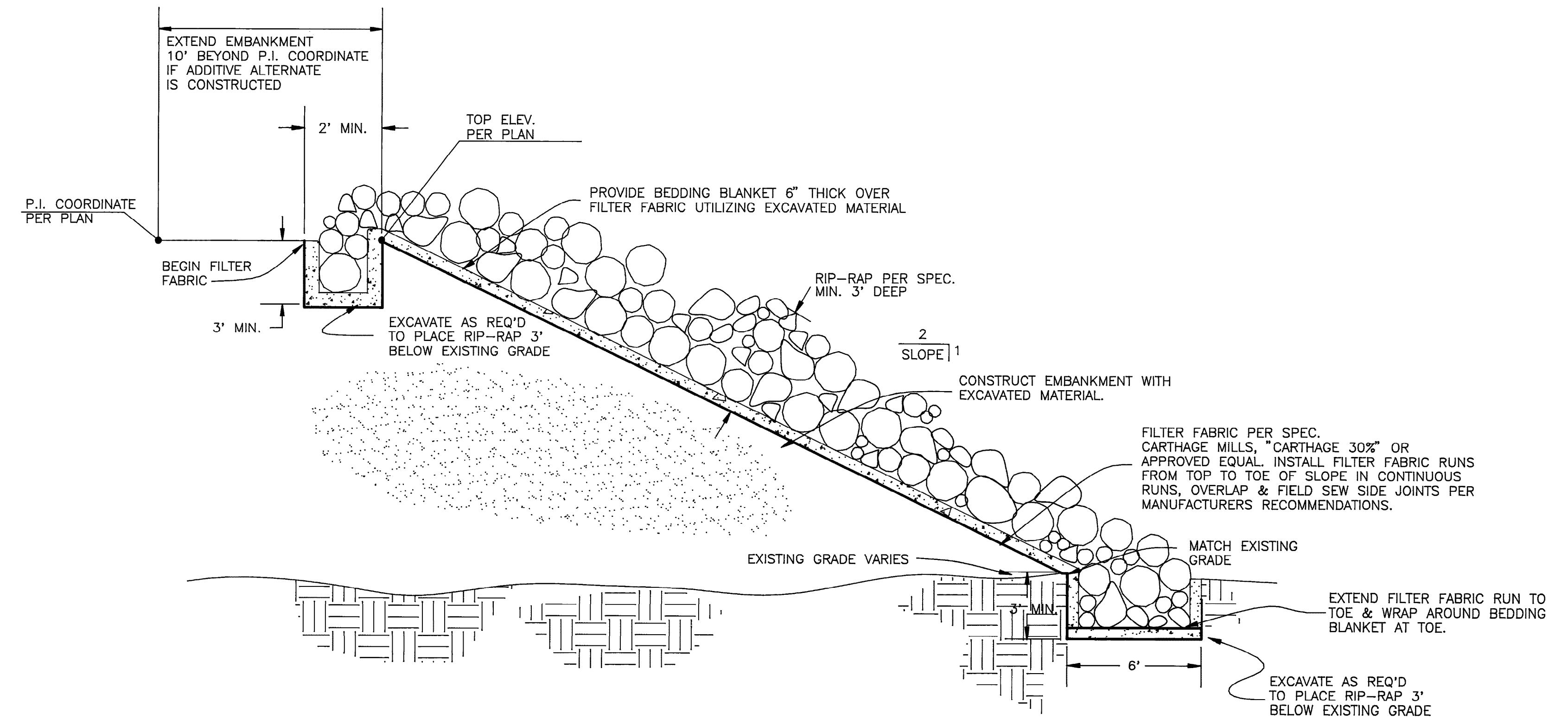


NO.	REVISION	DATE

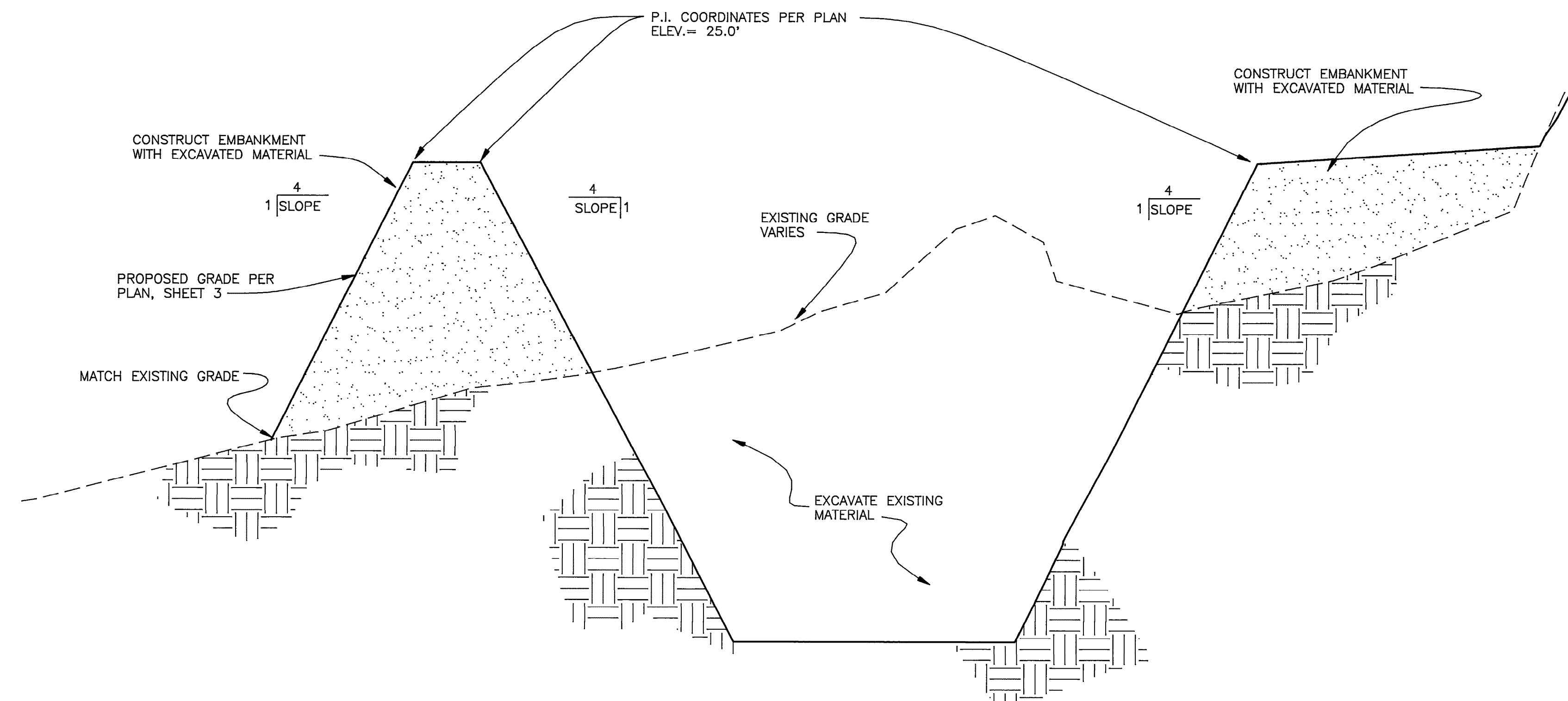
**WILLIAM J. NELSON & ASSOCIATES**  
CONSULTING ENGINEERS - STRUCTURAL/CIVIL  
215 FIDALGO  
KENAI, ALASKA  
SUITE 204  
99611  
(907) 283-3583

# HOMER SPIT FISHING LAGOON DETAILS

PROJECT NO.  
9330  
DRAWN BY:  
CEB  
CHECKED BY:  
WM. J. NELSON  
DATE: 1/12/94  
SCALES: NOTED  
HORIZ. 1"=30'  
VERT.  
SHEET

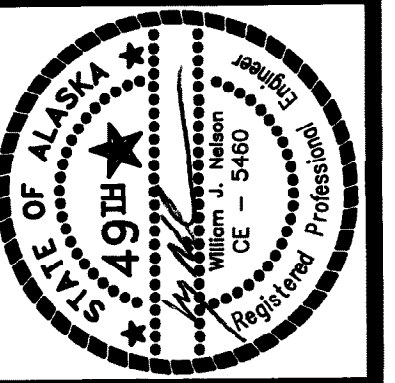
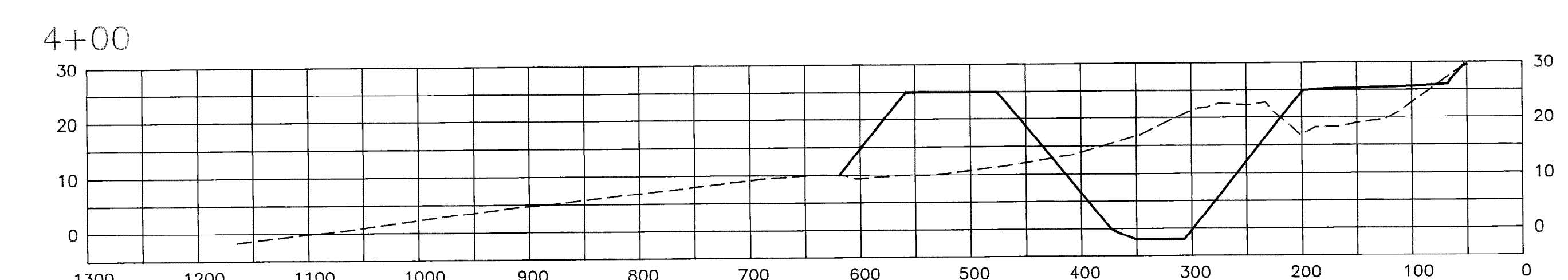
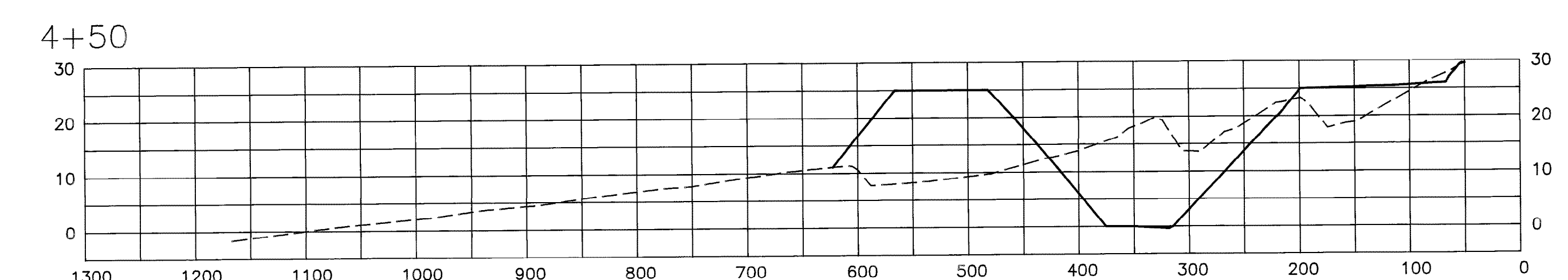
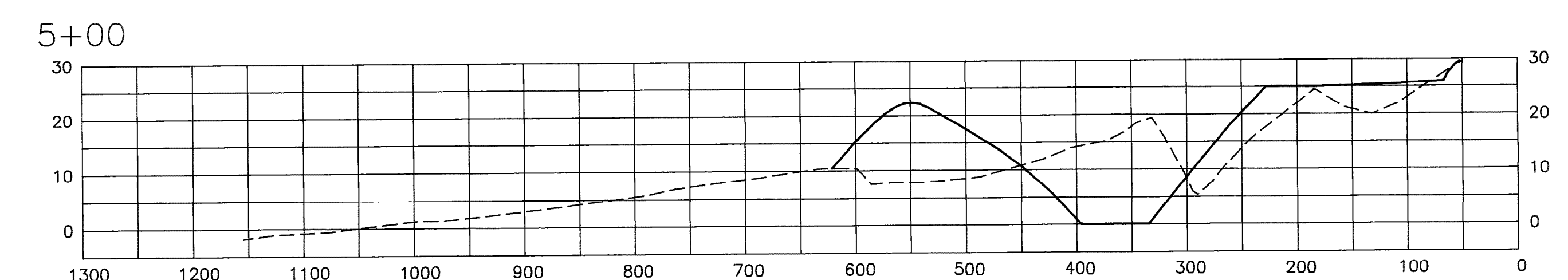
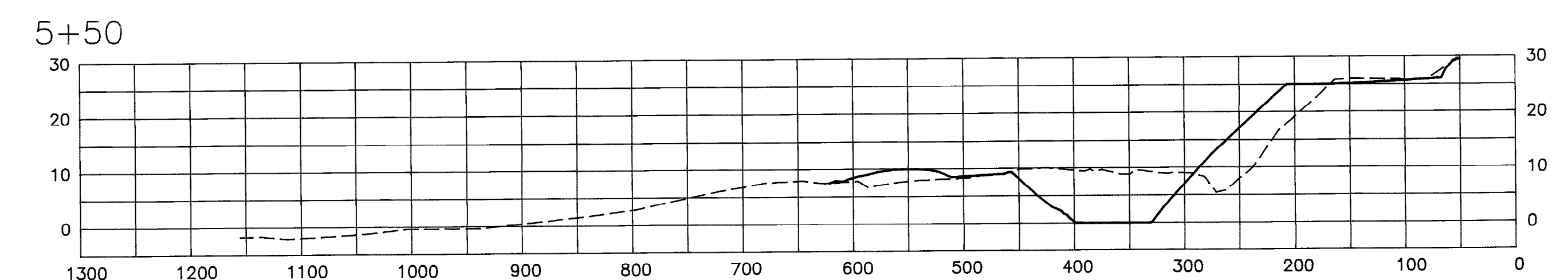
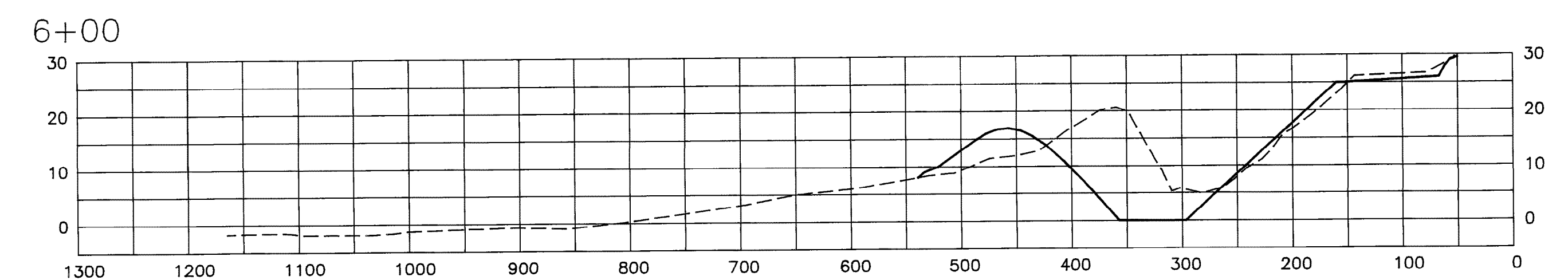
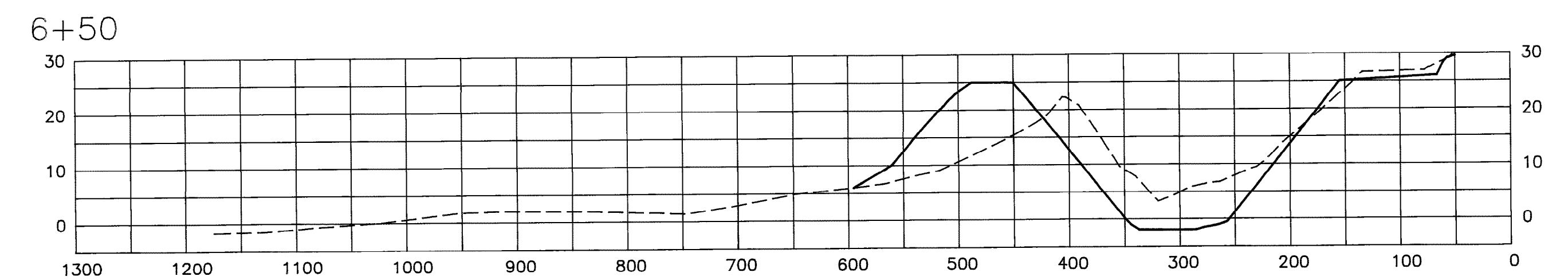
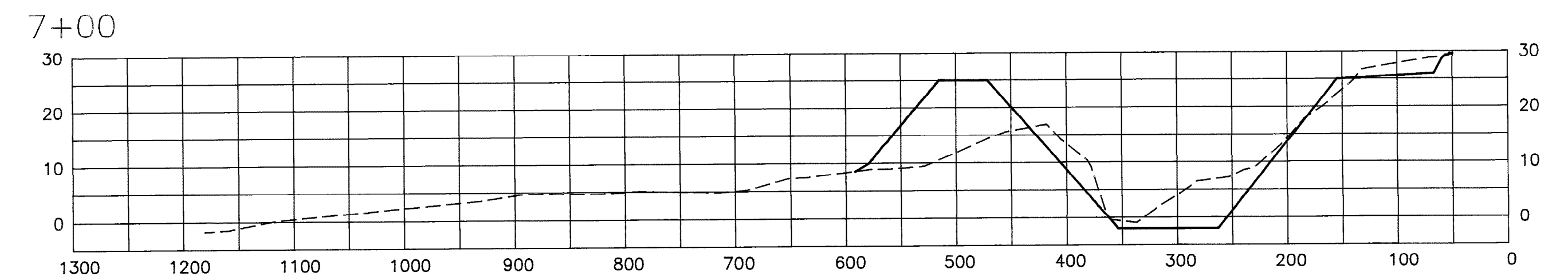
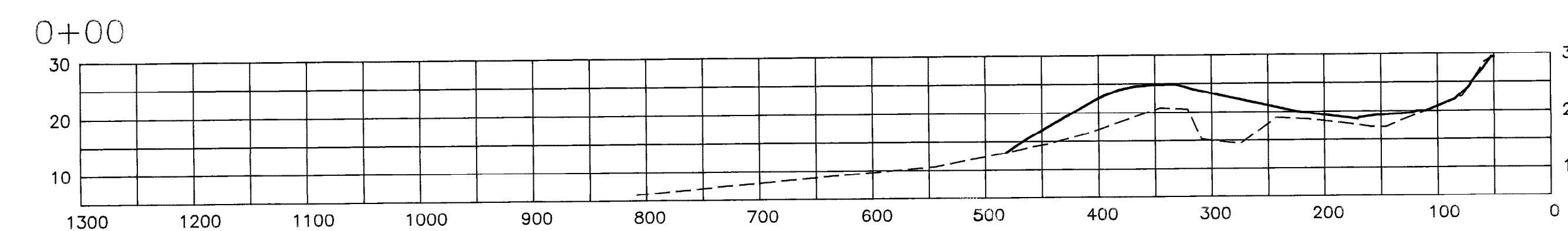
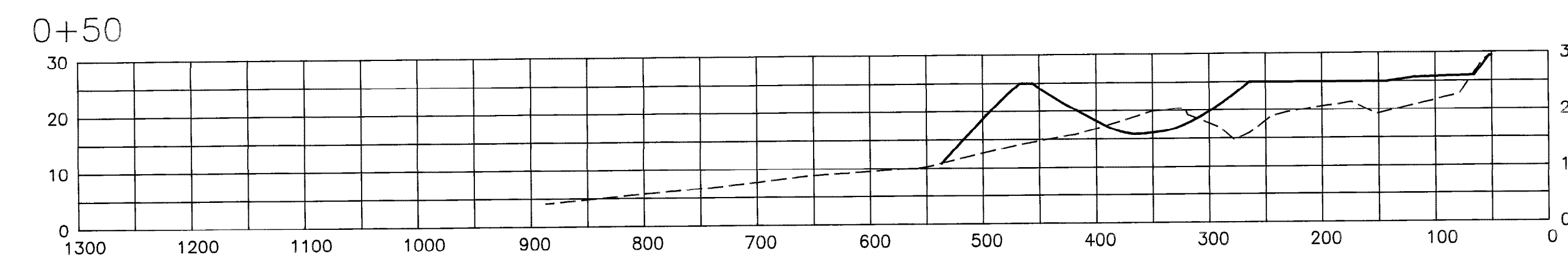
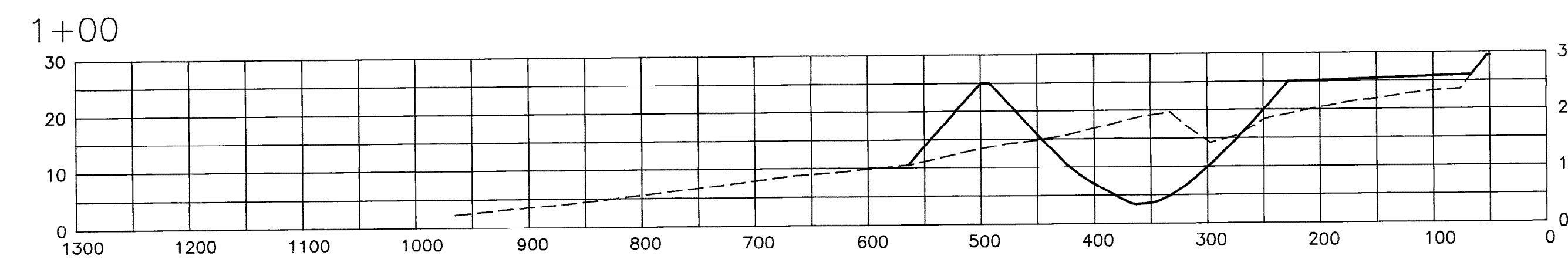
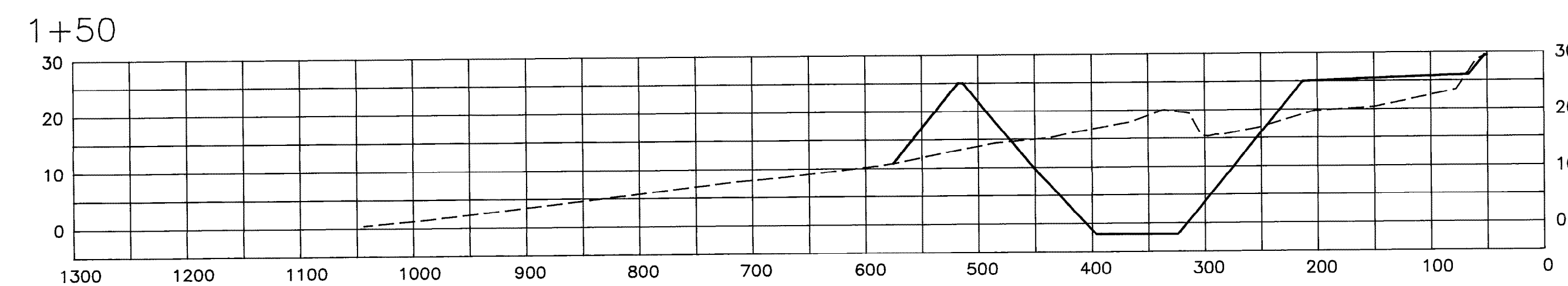
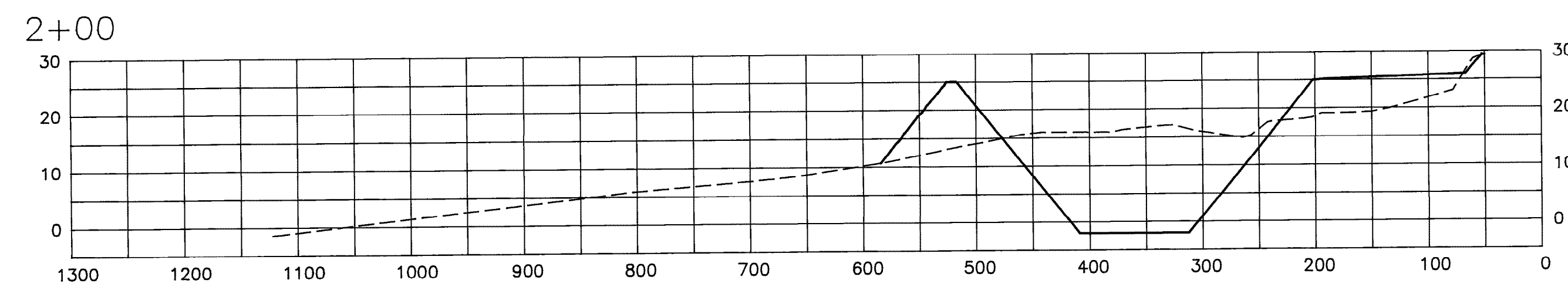
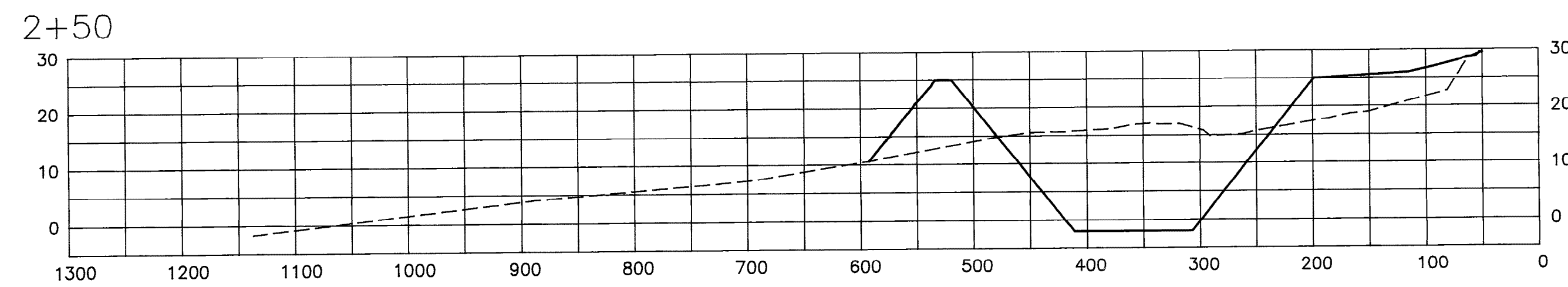
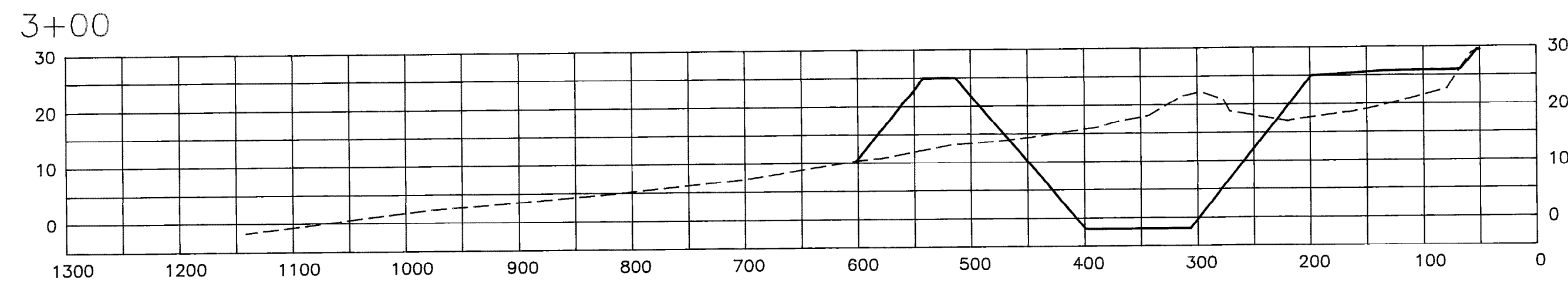
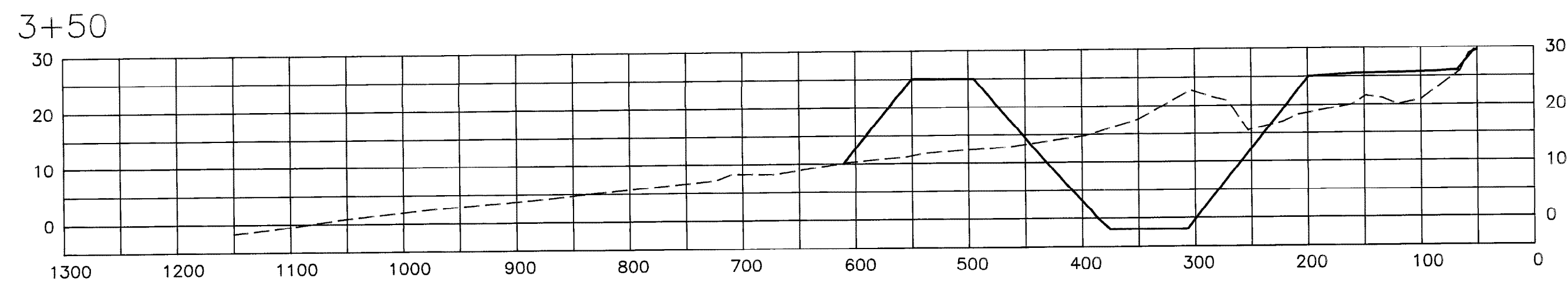


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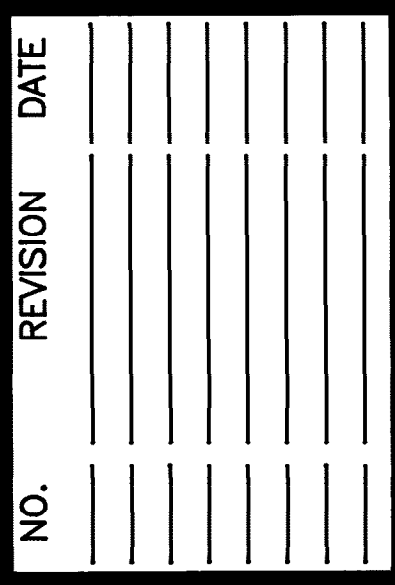


NO.	REVISION	DATE

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CONSULTING ENGINEERS - STRUCTURAL/CIVIL  
SUITE 204  
215 FIDALGO  
KENAI, ALASKA 99611  
(907) 283-3583

**HOMER SPT  
FISHING LAGOON  
CROSS SECTIONS 0+00 TO 7+00**

PROJECT NO. **9330**  
DRAWN BY: **CEB**  
CHECKED BY: **WM. J. NELSON**  
DATE: **1/12/94**  
SCALES: **NOTED**  
HORIZ. **1"=100'**  
VERT. **1"=20'**  
SHEET



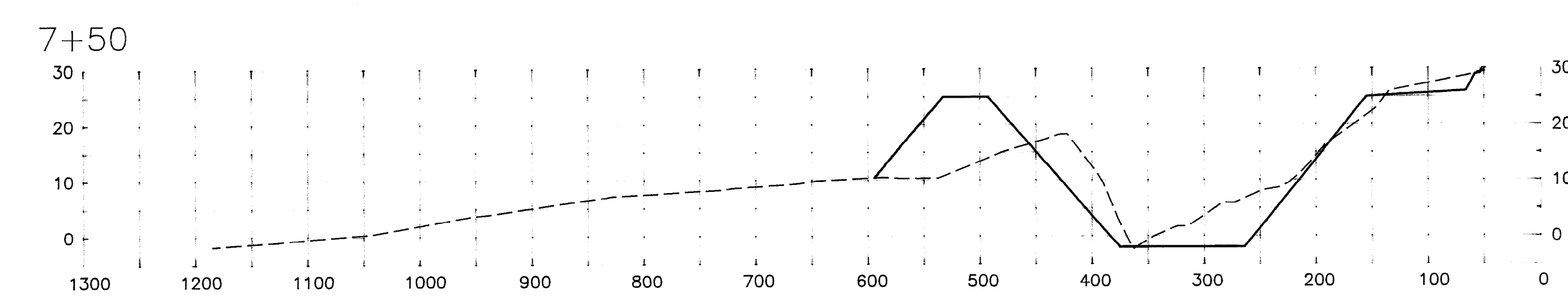
**WILLIAM J. NELSON & ASSOCIATES**  
CONSULTING ENGINEERS - STRUCTURAL/CIVIL

215 FIDALGO  
KENAI, ALASKA

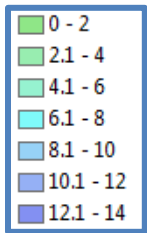
SUITE 204  
99611  
(907) 283-3583

**HOMER SPIT  
FISHING LAGOON  
CROSS SECTIONS 7+50 TO 11+00**

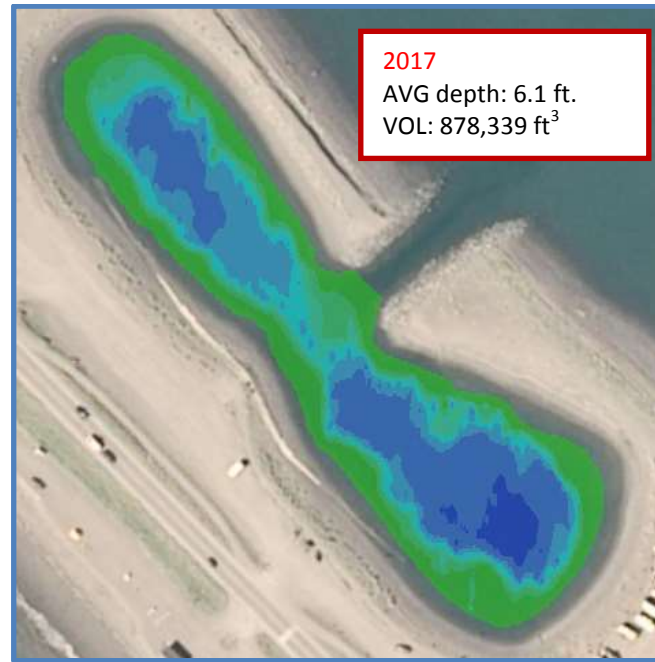
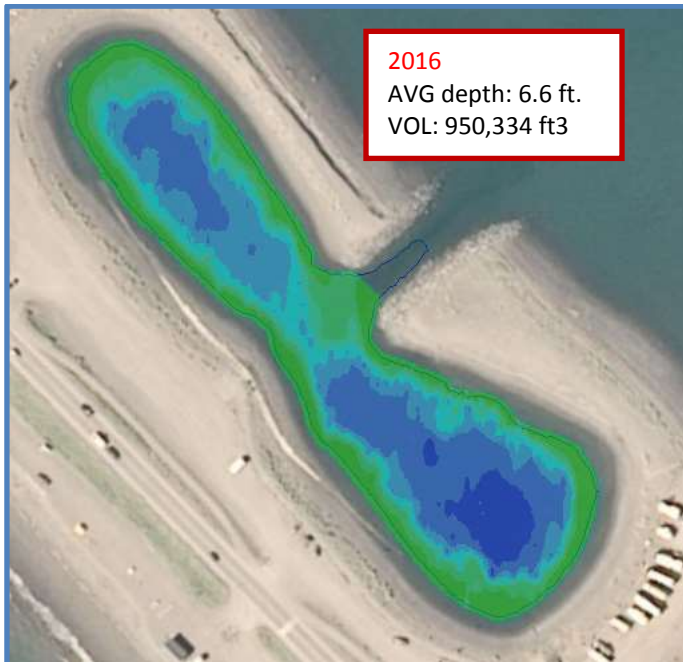
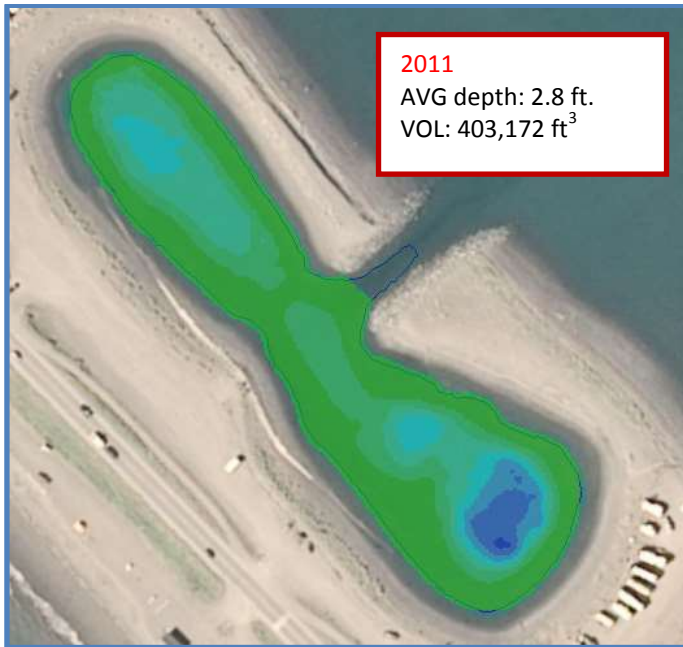
PROJECT NO.  
9330  
DRAWN BY:  
CEB  
CHECKED BY:  
WM. J. NELSON  
DATE: 1/12/94  
SCALES: NOTED  
HORIZ. 1"=100'  
VERT. 1"=20'  
SHEET



EARTHWORKS END AREA VOLUME LISTING							
STATION	CUT AREA (SQFT)	FILL AREA (SQFT)	CUT 1.0000 VOLUME (YDS)	FILL 1.0000 VOLUME (YDS)	CUT 1.0000 TOT VOL (YDS)	FILL 1.0000 VOLUME (YDS)	MASS ORDNATE
0+00	7	1404					
0+50	216	2077	207	3223	207	3223	—3016
1+00	1562	1440	1647	3257	1854	6480	—4626
1+50	2908	1374	4138	2606	5992	9086	—3094
2+00	3085	1464	5549	2628	11541	11714	—173
2+50	3155	1696	5778	2926	17318	14640	2678
3+00	3397	1874	6066	3306	23385	17946	5439
3+50	2949	2204	5876	3776	29261	21722	7539
4+00	2958	2750	5469	4587	34730	26309	8421
4+50	2285	2766	4854	5108	39584	31416	8168
5+00	1794	2435	3777	4816	43361	36232	7129
5+50	1210	953	2781	3137	46142	39369	6773
6+00	1628	547	2628	1388	48770	40757	8013
6+50	1613	1343	3002	1750	51771	42507	9264
7+00	1182	1352	2588	2496	54360	45003	9357
7+50	1461	1250	2447	2410	56807	47413	9394
8+00	1378	1304	2628	2365	59435	49777	9658
8+50	856	1185	2068	2304	61503	52082	9421
9+00	444	1205	1203	2213	62706	54295	8411
9+50	418	1812	798	2794	63504	57089	6415
10+00	189	2366	562	3869	64066	60958	3108
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11+00	66	109	181	202	64542	63452	1090



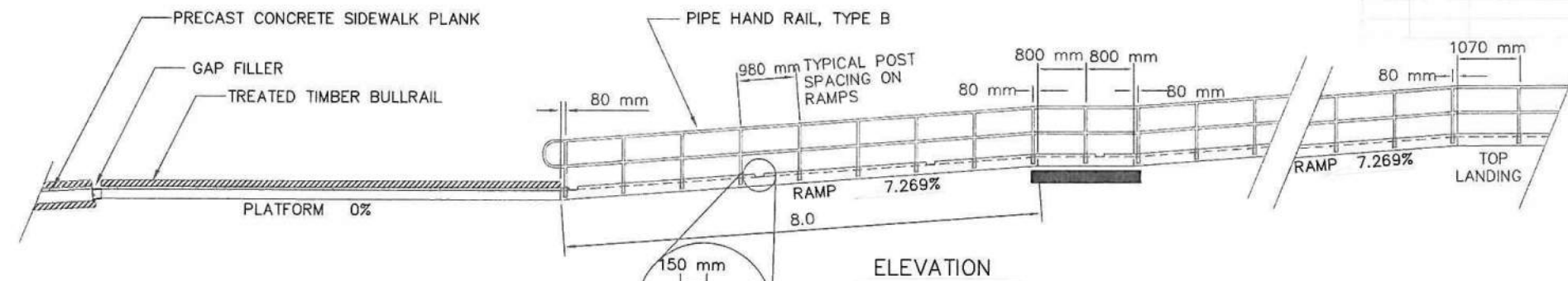
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 perimeter: 2155 ft.



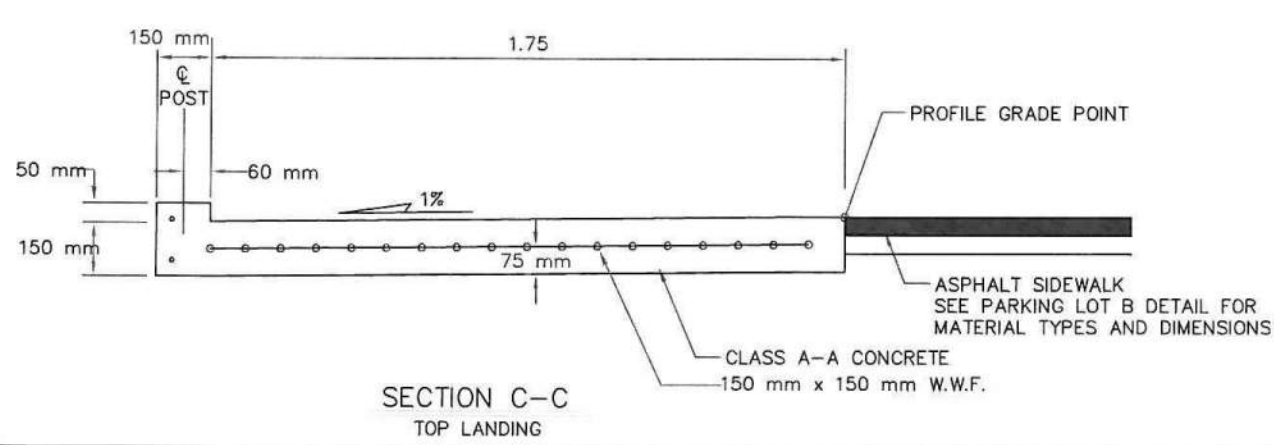
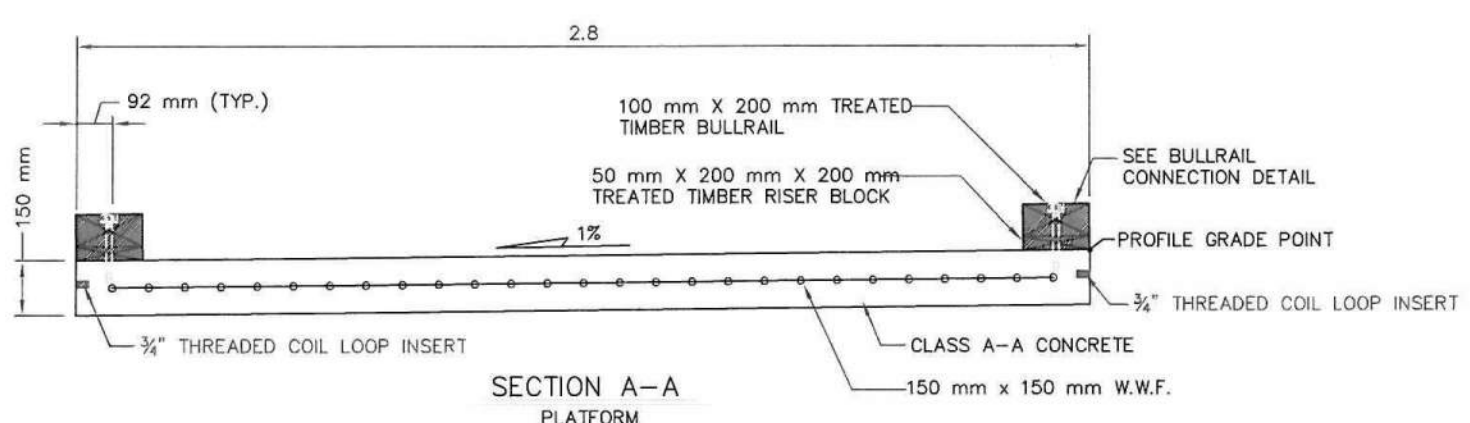
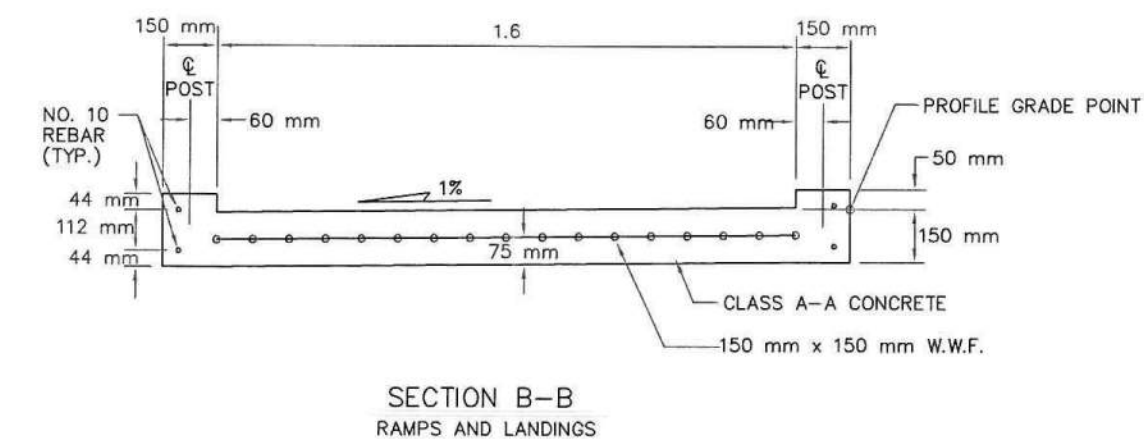
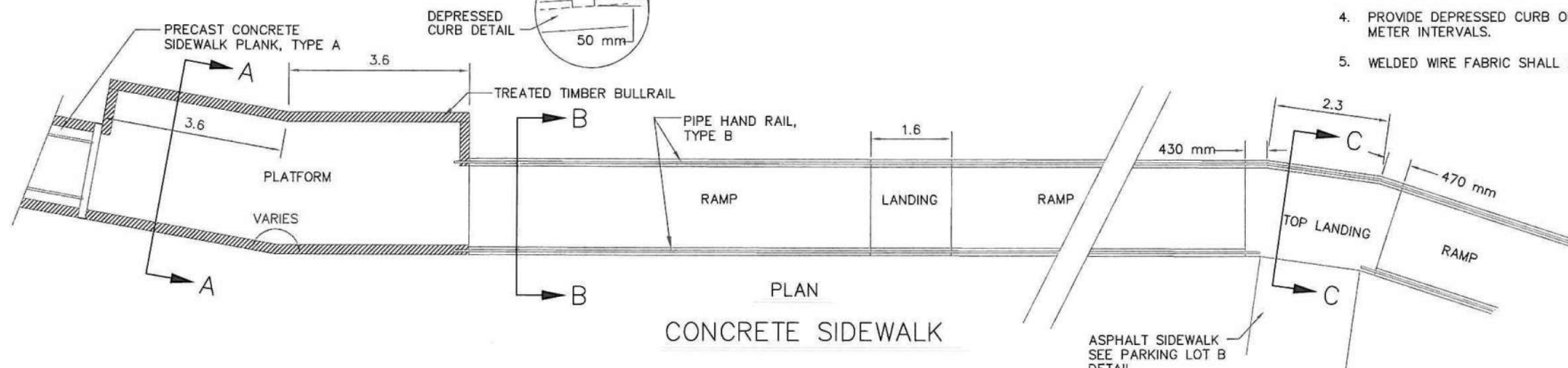




NO.	DATE	REVISIONS	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
1	2/14/00	DESCRIPTION AS-BUILT (PBH)	ALASKA	TEA-021-1(45)	1998	E18	72



- NOTES:
1. ALL EXPOSED EDGES SHALL BE CHAMFERED 20 mm.
  2. ALL STEEL REINFORCEMENT SHALL BE GRADE 400 EPOXY COATED. SPLICES IN REINFORCING STEEL SHALL OVERLAP A MINIMUM LENGTH OF 40 DIAMETERS.
  3. ALL STEEL SHALL HAVE A MINIMUM CLEAR DISTANCE OF 38 mm TO FACE OF CONCRETE.
  4. PROVIDE DEPRESSED CURB ON RAMP AND LANDINGS AT  $\pm 3.0$  METER INTERVALS.
  5. WELDED WIRE FABRIC SHALL BE 10/10 GAUGE (ENGLISH UNITS).



DAVID L. HURLSTON  
NO. 2122  
REGISTERED PROFESSIONAL ENGINEER

DAVID L. HURLSTON  
NO. 2122  
REGISTERED PROFESSIONAL ENGINEER

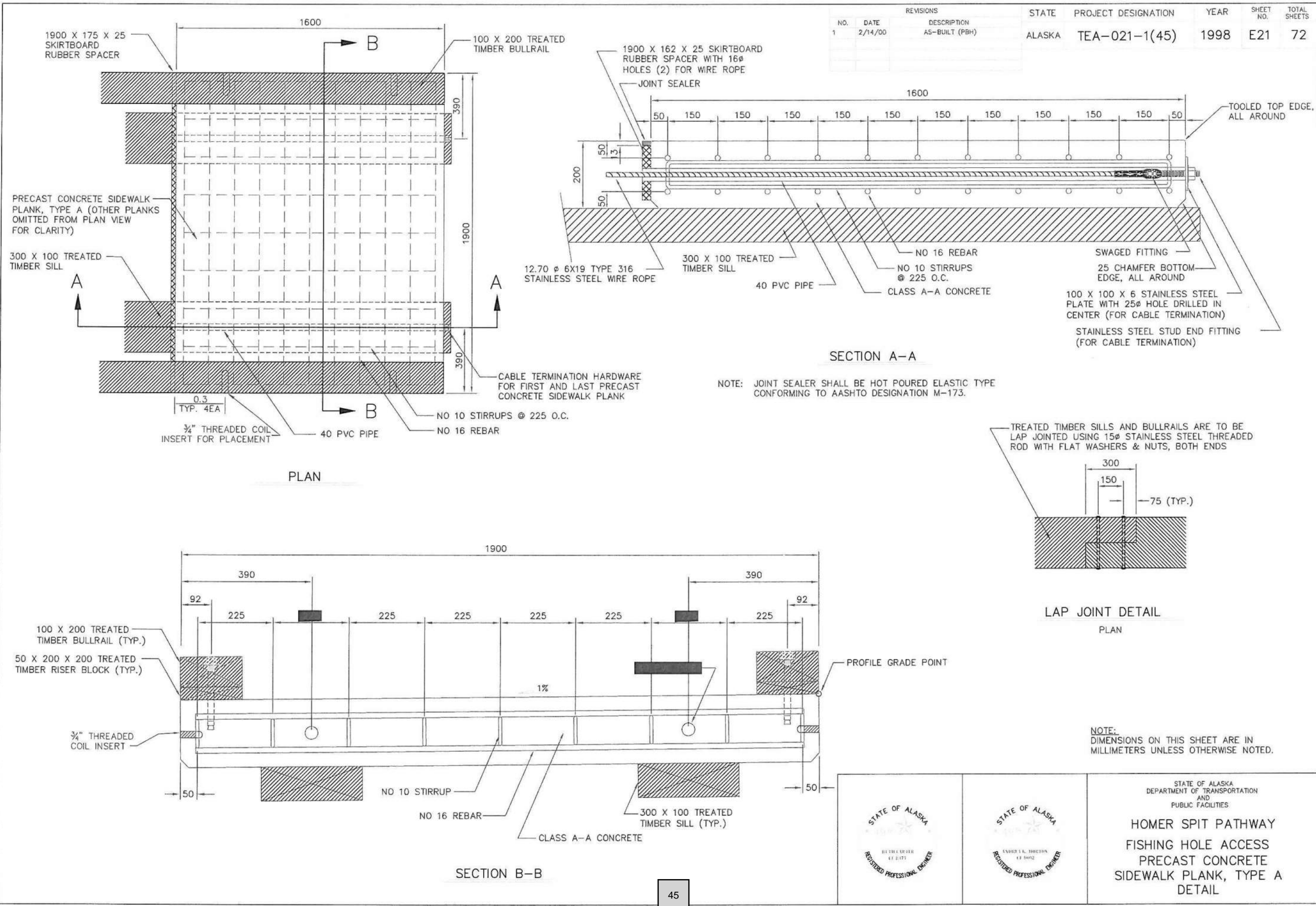
STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND  
PUBLIC FACILITIES

HOMER SPIT PATHWAY  
FISHING HOLE ACCESS  
CONCRETE SIDEWALK DETAIL

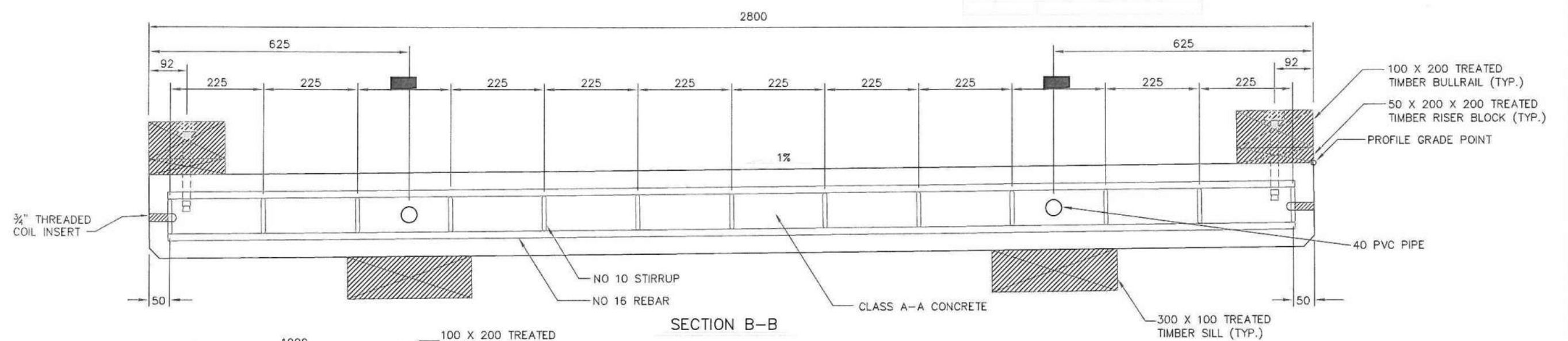
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 COMPUTER DESIGNATION  
 AUTOCAD-DEBBER\32478.Dwg  
 DESIGNED BY  
 CHECKED BY  
 DRAFTED BY  
 11/14/00 PL/DF  
 09/22/1998



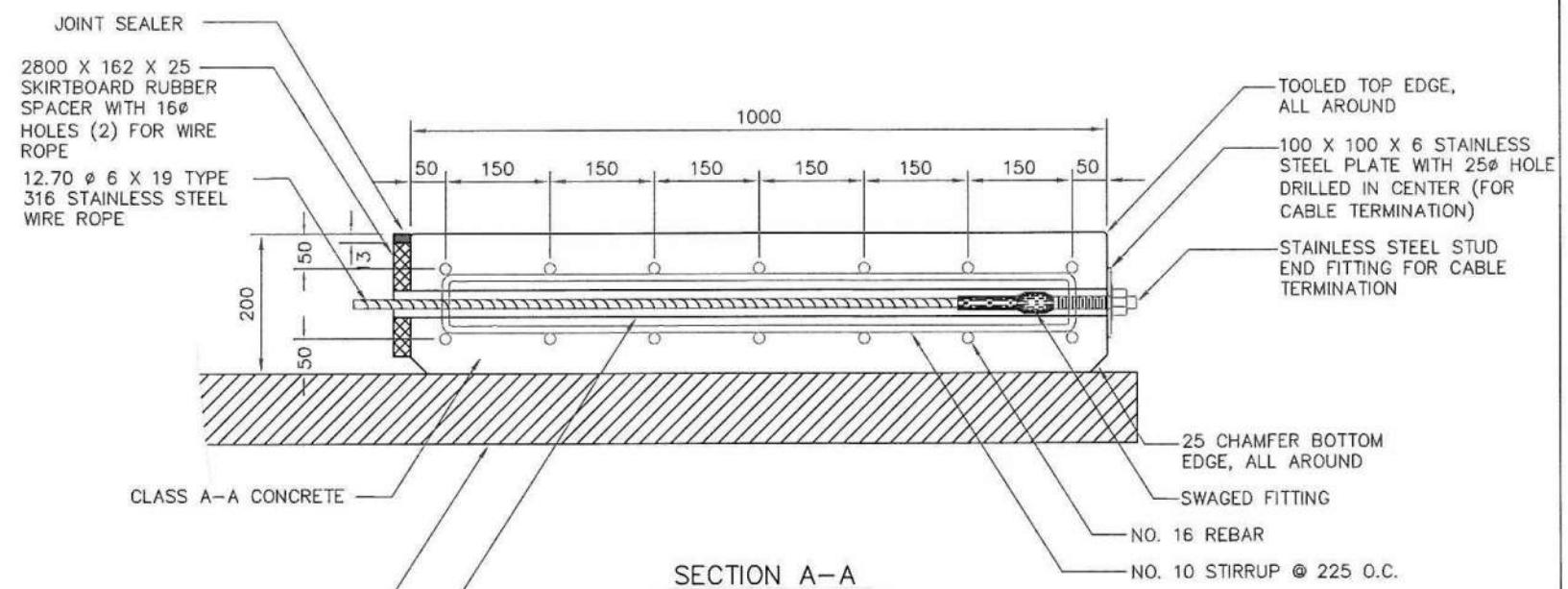
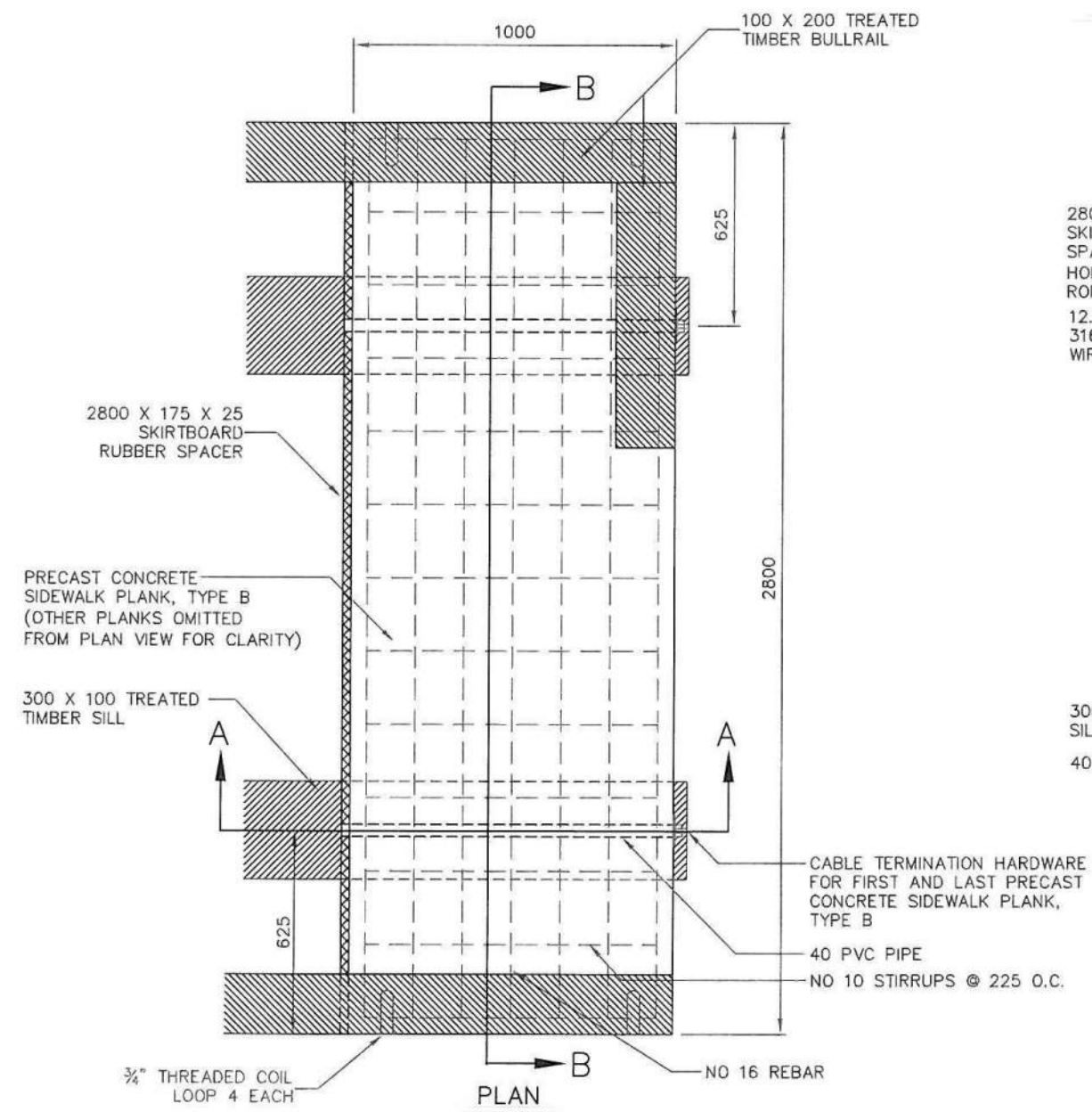
DESIGNED BY: 06/21/1998  
CHECKED BY: UH/PW/DF  
SHAFTED BY:  
SPECIFICATIONS: SCALE: 1"=1'-0"  
COMPUTER DESIGNATION: AUTOCAD-2000/24/98 Del 3.0mg



NO.	DATE	REVISIONS	DESCRIPTION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
1	2/14/00		AS-BUILT (PBH)	ALASKA	TEA-021-1(45)	1998	E22	72



SECTION B-B



SECTION A-A

NOTE: JOINT SEALER SHALL BE HOT POURED ELASTIC TYPE CONFORMING TO AASHTO DESIGNATION M-173.

NOTE: DIMENSIONS ON THIS SHEET ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DESIGNED BY: 09/22/1998  
 CHECKED BY: LV/PA/DF  
 DRAFTED BY:  
 AUTOCAD-2000, Dwg. 4.dwg  
 COMPUTER DESIGNATION

AS BUILT 01/16/2003

STATE OF ALASKA  
 DEPARTMENT OF TRANSPORTATION  
 AND  
 PUBLIC FACILITIES

HOMER SPIT PATHWAY  
 FISHING HOLE ACCESS  
 PRECAST CONCRETE  
 SIDEWALK PLANK, TYPE B  
 DETAIL

# Supporting Documentation

Homer Fishing Lagoon ADA Ramp Design

*City of Homer*  
June 10, 2022

Photos of existing path maintenance requirements.







## Recommendations for Original Build



#### Recommendations for Homer Spit Pathway:

1. Allow contractor to salvage existing class II riprap from embankment.
2. The road is overtopped from Sta. 6+200 to 6+300, 6+600 to 6+750, and 8+783 to 8+935. In these areas it would be prudent to put filter stone on the embankment between the highway and pathway, riprap the outer slope, and consider widening the asphalt section or placing filter rock around the pavement to keep the embankment from washing out. (These figures are conservative and were confirmed with Homer M&O.)
3. The purpose of the filter stone between the riprap and the embankment material is to keep material from being washed out from between the stones. The size distribution required under the Riprap on the embankment along Mud Bay is  $D_{85} > 2.3"$ ,  $D_{50} > 0.7"$  and  $2.09" > D_{15} > 0.6"$ . If the Select Material A does not meet this specification, it may be subject to wash out and a filter layer of coarser material is needed.
4. Place riprap to elevation +8 meters from Sta. 5+000 to 6+090.
5. Recommend moving pathway as close to the highway as possible to the highway an moving existing rock out immediate south of chlorination station (approximate Sta. 5+960 to 6+100).
6. The toe of the armor needs to be keyed into the beach. I have sent a sketch showing alternate configurations.

#### Homer Spit Fishing Lagoon:

1. Gradation for the 1" to 4" rock is as follows: 4 inch 100% passing, 2 inch 85-100%, 1 inch 30-50%, ¾ inch 30-50%, max. 15% passing 200.
2. This gradation can be modified to use more locally available material. Any material smaller than 3/8 inch will wash out with the tides, so the quantities could be increased to place "dirtier" material. Dredged or natural beach material will work, if it is available.
3. Can we use the material on the beach just seaward of the lagoon? Or from rounding out the inner lagoon on the south berm?

Homer Spit Lagoon Handicap Fishing Access:

Rock gradation for the Homer Spit pathway along Mud Bay.

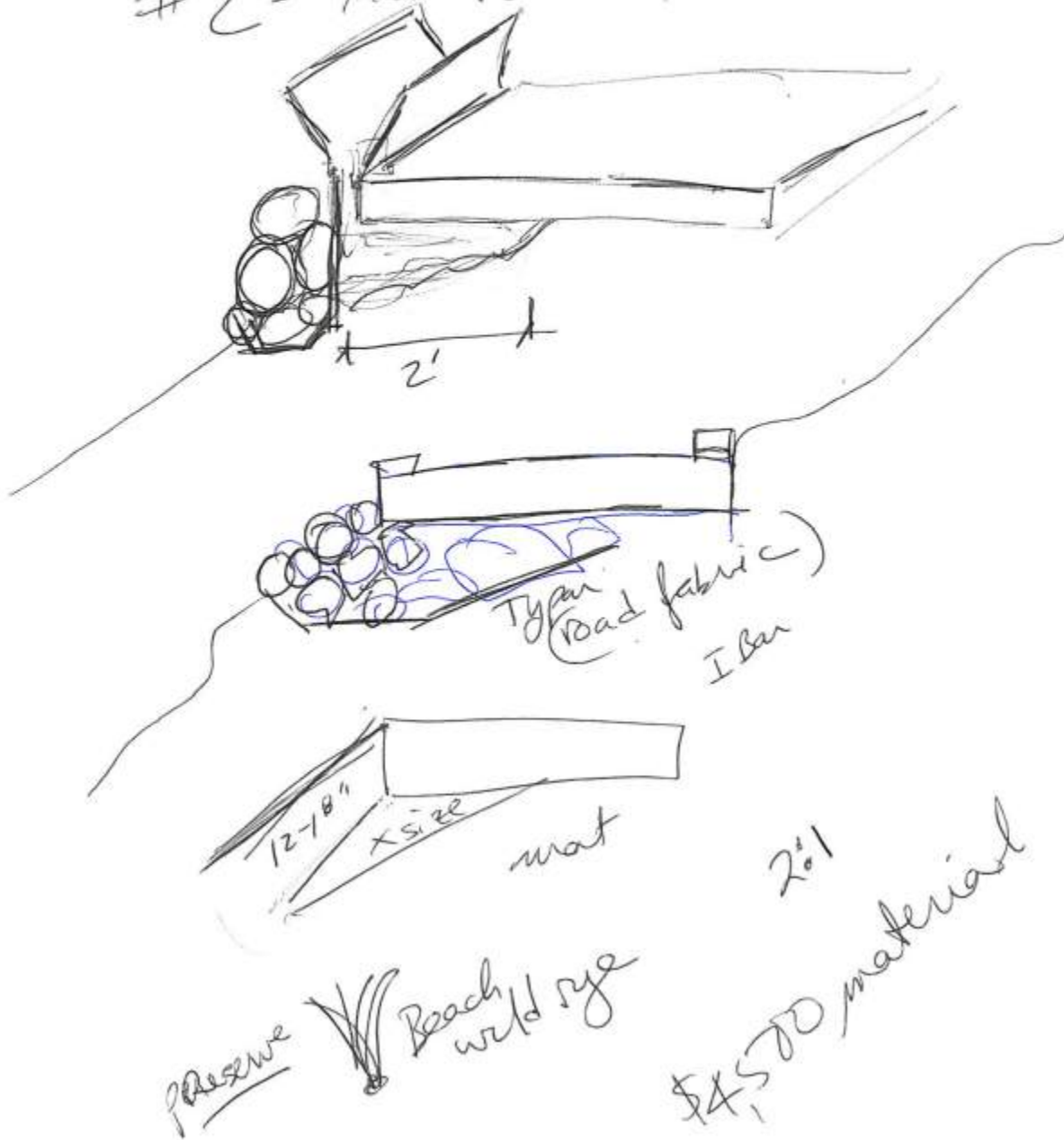
Designation	Stone Weight	Percent Passing by <b>Stone Count</b>	Approximate Stone Dimension *
Primary Riprap	680 kg	100	0.5 m
	190 kg	50	
	45 kg	0	
Designation	Stone Weight	Percent Passing by <b>Weight</b>	Approximate Stone Dimension *
Filter Stone (R80)	kg	100	m
	20 kg	50	
	kg	0	
Core	kg	100	m
	kg	0	
Berm Material **			

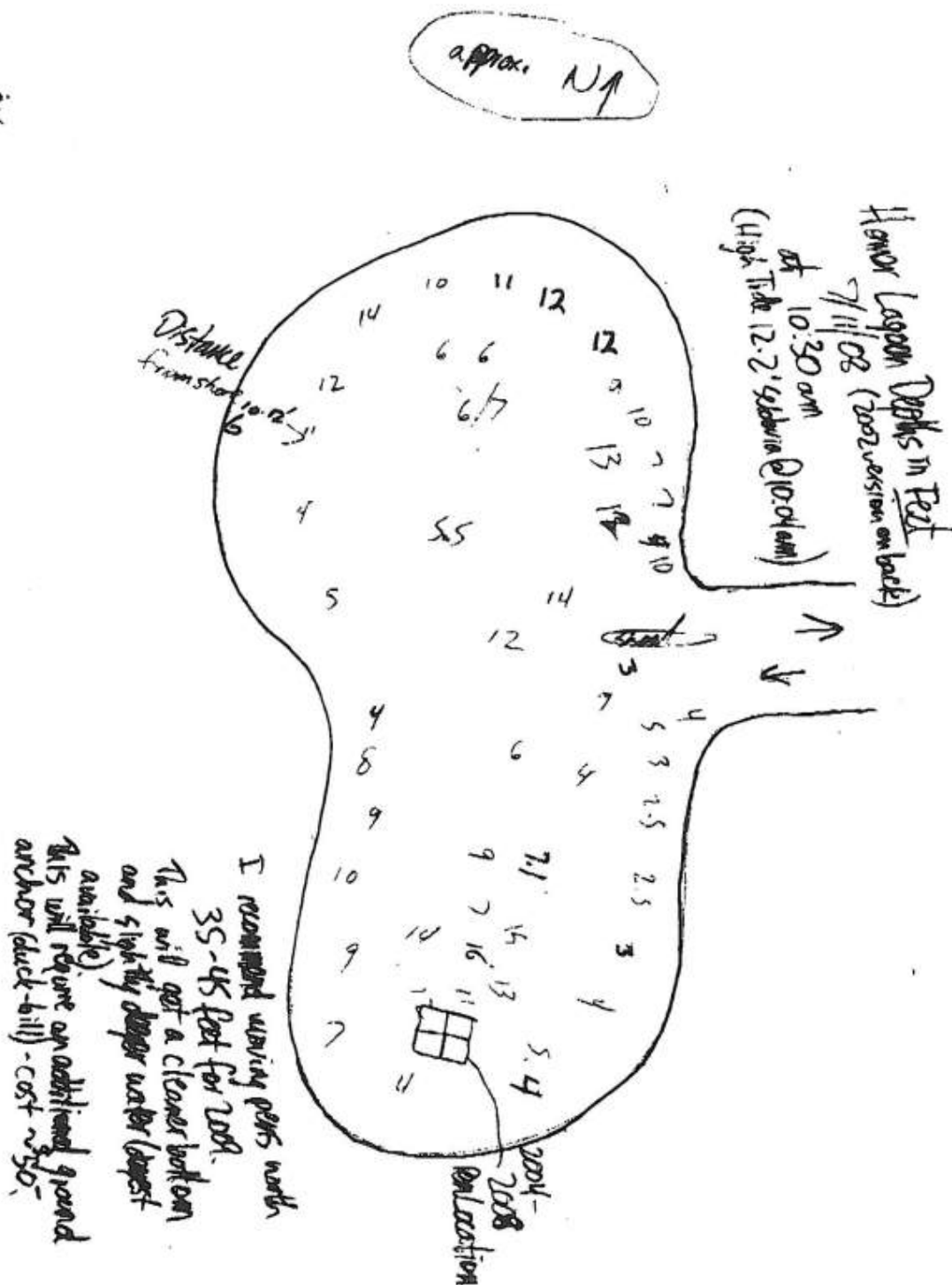
\* Note: The dimensions correspond to the size measured by sieve, grizzly, or visual inspection for stone with 2.70 specific gravity.

# Projects

#1-Access Ramp  
repairs

#2 - Move rocks & material





## Construction Photos of Original Build



**Photo #1** – Seaside of berm, facing North



**Photo #2** – Seaside of berm, facing North West





**Photo #3** – Seaside of berm, facing North West



**Photo #4** – Seaside of berm, facing North West



**Photo #5** – Seaside of berm, close up of mat'l



**Photo #6** – Seaside of berm, facing South from South Groin.



**Photo #7** – Seaside top of berm, facing South



**Photo #8** – Over all of fishing hole shot 1





**Photo #9** – Over all of fishing hole shot 2



**Photo #10** – Over all of fishing hole shot 3

**Note:**

Photos #1 to #10 taken 5/5/99 by P. Hetzel at the “Fishing Hole” on Homer Spit.



**Photo 1:** Completed berm extension at Fishing Hole inlet. (5/28/99)



**Photo 2:** View of Fishing Hole inlet from bay at low tide. (5/28/99)



**Photo 3:** Completed berm extension at Fishing Hole as viewed from bay side. Note fresh earthwork behind rip rap. (5/28/99)



**Photo 4:** Fishing Hole bank along proposed pathway grade. Note that rip rap seen in earlier photos of this area has now been covered with 2" minus material. This material was obtained from the "undersize" pile at the rip-rap screening yard. (5/28/99)





**Photo 5:** Another view of 2" minus material placed over rip-rap on Fishing Hole pathway embankment. (5/28/99)



**Photo 6:** Grading work for concrete pathway at Fishing Hole. (5/28/99)



**Photo 7:** Typical pathway slope staking. This was a major activity of the week, with toe-of-slope stakes placed from H.T.I.'s yard back to Kachemak Bay Drive. (5/28/99)



**Photo 8:** Typical grading & benching construction for truck access during pathway fill operation. Contractor intends to use belly-dumps w/ pup trailers ("Doubles") for haul run from Brown's Pit in Anchor Point. (5/28/99)



**Photo 9:** Grading & benching for truck haul route. (5/28/99)



**Photo 10:** Clearing & grubbing for parking lot "A", at corner of K. Bay Dr. & Homer Spit Rd. (5/28/99)



**Photo 11:** Clearing & grubbing for parking lot "A", at corner of K. Bay Dr. & Homer Spit Rd. Note that backhoe is stuck in the mud. Existing material in ditch is quite soft. (5/28/99)



**Photo 12:** Jim Cronk observing clearing & grubbing operation. (5/28/99)

Note: Photos #1-#12 taken 5/28/99 by M. Malloy





**Photo 13:** Work area at Fishing Hole for concrete pathway (6/18/99)



**Photo 14:** Work area at Fishing Hole for concrete pathway (6/18/99)



**Photo 15:** Work area at Fishing Hole for concrete pathway (6/18/99)



**Photo 16:** Work area at Fishing Hole for concrete pathway (6/18/99)





**Photo 17:** Looking north from Sta 10+000 (6/18/99)



**Photo 18:** Looking south from Sta 10+000 (6/18/99)



**Photo 19:** Looking north from driveway at Sta 7+995 (6/18/99)



**Photo 8:** Fill across driveway at Sta 7+995. Compare with 6/11/99 photo #10. (6/18/99)



**Photo 9:** Looking north from Sta 7+300 (6/18/99)



**Photo 10:** Overall view of pathway zone between chlorination station and Kachemak Bay Drive  
(6/18/99)



**Photo 11:** Looking north from Sta. 7+000 (6/18/99)



**Photo 11:** Looking north from Sta. 6+500 Note level of fill for scenic viewpoints (6/18/99)





**Photo 13:** Looking east along Kachemak Bay Drive (6/18/99)



**Photo 14:** Fill placement for parking lot "A" (6/18/99)





**Photo 15:** Overall view of activities at intersection of Kachemak Bay Drive and Homer Spit Road. (6/18/99)

Note: Photos #1-#12 taken 6/11/99 by M. Malloy.



**Photo 20:** Formwork for north end of Fishing Hole pathway (6/25/99)



**Photo 21:** Formwork for south end of Fishing Hole pathway (6/25/99)



**Photo 22:** Detail view of Fishing Hole pathway formwork (6/25/99)



**Photo 23:** Fill placement for pathway embankment has now progressed as far south as the Fishing Hole parking lot. At the end of the day (Friday, 6/25), 82,000 metric tons of fill had been placed (121% of plan quantity for Borrow "A"). Contractor will not be hauling again until Wednesday of next week. Monday & Tuesday will be spent reshaping previously-placed material.





**Photo 24:** Looking north from Sta 7+150 (6/25/99)



**Photo 25:** Another view of fresh riprap on slope, looking north from Sta. 6+825 (6/25/99)



**Photo 7:** Parking Lot “A” (6/25/99)



**Photo 8:** Front-end damage to 1993 Chevy S-10 truck caused by belly dump, morning of 6/24





**Photo 9:** Double-belly dump (shown) attempting a u-turn onto the pathway from southbound lane of road overshot the driveway. As the belly was backing up to renegotiate the turn, the vehicle immediately behind it was struck in the front end. Homer Police were summoned by the head flagger. The officers explained that since the damage was obviously less than \$2,000, no police report would be written. Claims will be handled privately between the trucker and the motorist. (6/24/99)

Note: Photos #1-#7 taken 6/25/99 by M. Malloy.

Photos #8-#9 taken 6/24/99 by M. Malloy



**Photo 26:** Crusher in operation at Brown's Pit. Production of aggregates for asphalt began on Thursday afternoon. Hot mix rock is being produced despite the fact that no base course has been crushed yet due to the lead time necessary for the mix design. (7/2/99)



**Photo 27:** Loading of Borrow "A" at Brown's Pit. By the end of Thursday, approximately 88,000 metric tons of Borrow "A" had been placed, 129% of the plan quantity. (7/2/99)



**Photo 28:** The area of the pit which has been mined for Borrow "A". Most of the pathway is up to grade. Hauling of borrow is about done. (7/2/99)



**Photo 29:** View of Homer Spit, looking south from its base. (7/2/99)



**Photo 5:** View of rip rap on pathway side slope, looking south from scenic viewpoint at Sta. 6+180. (7/2/99)



**Photo 6:** View of rip rap on pathway side slope, looking north from Sta. 6+825. Compare with Photo 6 from last week's set of pictures. (7/2/99)



**Photo 7:** Pathway across Herndon & Thompson property, looking north from Sta. 9+500. Left edge of photo. (7/2/99)



**Photo 8:** View of pathway looking north from Sta. 9+200. Left edge of photo. (7/2/99)





**Photo 9:** Looking north from Sta. 7+800. (7/2/99)



**Photo 10:** Looking north along toe of pathway slope from Sta. 7+100. (7/2/99)



**Photo 11:** Placement of rip rap along pathway side slope, typ. Contractor spent first half of week pulling fat slopes in this area, working from top of pathway grade with this excavator, as shown. (7/2/99)



**Photo 12:** Rip rap slope and gabion wall between Sta. 7+250 & Sta. 7+480 (7/2/99)

Note: Photos #1-#12 taken 7/2/99 by M. Malloy.



**Photo 30:** Overall view of Fishing Hole concrete pathway panels which were poured on Thursday. (7/9/99)



**Photo 31:** Detailed view of doweled joints (7/9/99)



**Photo 32:** Another view of work completed Thursday on Fishing Hole pathway. (7/9/99)



**Photo 33:** Concrete pour taking place Friday morning at Fishing Hole. (7/9/99)





**Photo 5:** Finishers working on Fishing Hole pathway (7/9/99)



**Photo 6:** Form work for south end of Fishing Hole pathway is still not complete. (7/9/99)

Note: Photos #1-#6 taken 7/9/99 by M. Malloy.





**Photo 34:** All precast sidewalk panels have now been placed for the Fishing Hole HC Pathway. Cast-in-place concrete work has also been completed. (7/29/99)



**Photo 35:** North end of Fishing Hole HC Pathway at low tide. Note that at high tide most of the precast section is flooded. (7/29/99)



**Photo 36:** South end of Fishing Hole HC Pathway at low tide. Note that at high tide most of the precast section is flooded. (7/29/99)



**Photo 37:** Pathway linear grading section across Fishing Hole parking lot, looking north. (7/30/99)



**Photo 5:** Pathway linear grading section across Fishing Hole parking lot, looking south.  
(7/30/99)



**Photo 6:** H.T.I. continues to pave on their own property while their hot mix plant undergoes more DEC testing. (7/30/99)

Note: Photos #1-#3 taken 7/29/99 by M. Malloy.

Photos #4-#6 taken 7/30/99 by M. Malloy.





# Historic Aerials

Homer Fishing Lagoon ADA Ramp Design

*City of Homer*  
June 10, 2022



HR

0

0.5 Miles



DECEMBER 1985 AERIAL IMAGE



HR

0

300 US Feet



SEPTEMBER 1996 AERIAL IMAGE





HDR

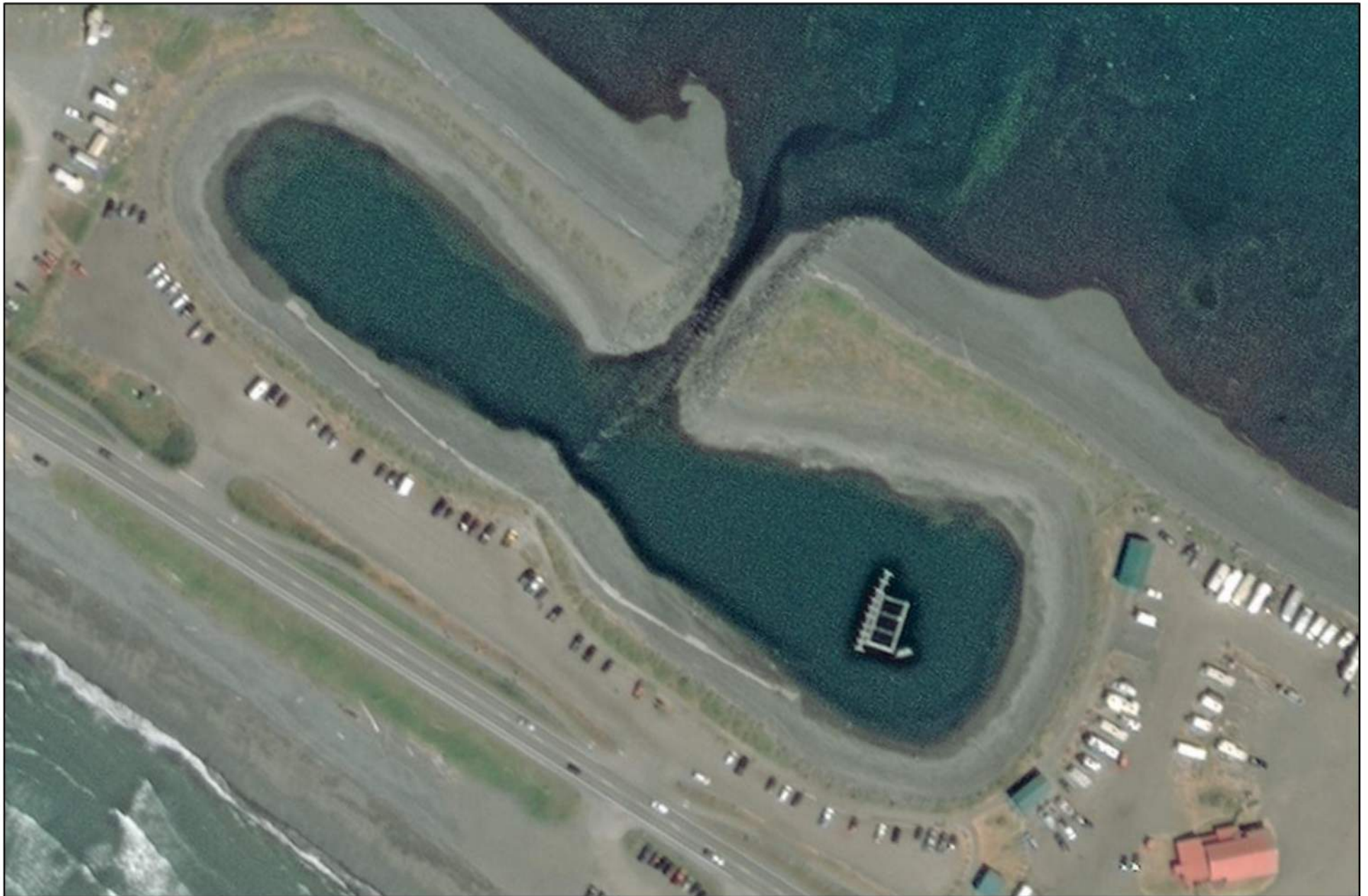
0

200 US Feet



JULY 2010 AERIAL IMAGE





HDR 0

250 US Feet



JULY 2019 AERIAL IMAGE



# City of Homer

[www.cityofhomer-ak.gov](http://www.cityofhomer-ak.gov)

## Office of the City Clerk

491 East Pioneer Avenue  
Homer, Alaska 99603

[clerk@cityofhomer-ak.gov](mailto:clerk@cityofhomer-ak.gov)

(p) 907-235-3130

(f) 907-235-3143

## Memorandum

TO: ADA COMPLIANCE COMMITTEE

FROM: RENEE KRAUSE, MMC, ADA COORDINATOR/DEPUTY CITY CLERK

DATE: JUNE 9, 2022 updated JULY 14, 2022

SUBJECT: ADA COORDINATOR JUNE REPORT

---

The year is flying by, I cannot believe it is June already. Currently there is so much going on and the weather has been absolutely beautiful. I wanted to apprise the Committee on the following:

- The City received notice of an official complaint filed with the State and with Senator Sullivan's office regarding accommodation at the Port & Harbor. We currently have the city attorney reviewing our response to the matter and believe that the city is in a good position at this time.
  - o As of July 7, 2022 I have been advised not to disclose any further information regarding the case as the matter is confidential.
- I received an email complaint regarding a local business and advised the complainant that the city does not have authority over the individual businesses. I further recommended that if they did not already contact the manager/owner they should start there and if they did not receive positive results then provided the contact information for the State and Department of Justice.
  - o I was provided additional information after the last meeting from the City Clerk that the Independent Living Center is a local source and will provide assistance to residents in regards to local businesses.
- The third complaint/concern regarding ADA Compliance was received via email regarding the inaccessibility of businesses in the city as the complainant recently was required to use crutches. They expressed concerns regarding experiences that persons with mobility issues who may not be lucky enough to have someone to assist them acknowledging that it is "not about special parking spots and automatic doors."
  - o While the City cannot enforce compliance with ADA regulations I believe that compliance can be supported by the City's Planning Department and in the future the Building Department when businesses come into get Zoning Permits, etc. I can check with the City Planner to see if this is something that they do currently or can support for future actions.
  - o I encourage the Committee to support an educational campaign by using quarterly announcements and putting informational pieces in the City Newsletter and possibly Letters to the Editor in the Homer News. This month is the 32<sup>nd</sup> Anniversary of the ADA which was signed into law by George H.W. Bush on July 26, 1990. This item can be a regular agenda item quarterly to be addressed if the Committee is agreeable.
- Parks, Play Areas and Campgrounds Transition Plan – this is coming along and while not completed I am making progress on the document.



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## Memorandum

TO: ADA COMPLIANCE COMMITTEE

FROM: RENEE KRAUSE, MMC, ADA COORDINATOR/DEPUTY CITY CLERK

DATE: JUNE 09, 2022

SUBJECT: COMMUNITY SURVEY ON ACCESSIBILITY – FINAL DRAFT

---

At the April 14, 2022 regular meeting the ADA Compliance Committee made some minor amendments to the draft proposed accessibility survey and requested that Staff bring this back for final review by the Committee.

### Action Requested:

Review the final draft and make a motion to approve and forward to the City Manager for review and distribution.



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Homer, Alaska 99603

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(p) 907-235-3130

(f) 907-235-3143

## Memorandum

TO: ADA COMPLIANCE COMMITTEE

FROM: RENEE KRAUSE, MMC, ADA COORDINATOR/DEPUTY CITY CLERK

DATE: JULY 14, 2022

SUBJECT: COMMUNITY SURVEY ON ACCESSIBILITY

---

At the February 10, 2022 regular meeting the ADA Compliance Committee approved the idea of a Community Survey on Accessibility. Several recommendations were made by the Committee with input from Matt Steffy, Parks Superintendent and Owen Meyer, Project Technician. The recommendations were:

- Listing the locations that they would like feedback on since they have numerous state and borough facilities in the city
- Adding access in general
- Remove the words “emergency response” and refine questions to asking how well they are doing their job as that will provide guidance on where they need to improve
- Keep questions focused on accessibility
- If questions are yes or no then an option to provide more information or reword the questions
- This survey will be limited to accessibility and should have a title to reflect that
- Add any other comments as a catch all
- Be concise with the questions. Question 6 was a bit vague and not sure what is being asked.
- Not targeting those with accessibility issues but keeping the questions suitable for the broader audience.
- Submit the survey to Community Recreation and add QR codes that people can access at places like the library and parks, distribution can be paper and electronic

Due the extent of the amendments made the survey was not forwarded to the City Manager. Once the Committee has approved the format and content it will be submitted to the City Manager for his input and approval. A copy of the memorandum to the City Manager is provided for the review of the Committee.

### Recommendation

Review the proposed Final Draft Community Survey on Accessibility. Make a motion to adopt the Community Survey as amended and forward to the City Manager for approval for distribution.





# COMMUNITY SURVEY ON ACCESSIBILITY IN THE CITY OF HOMER PARKS, PLAYGROUNDS, BEACHES AND RECREATIONAL ACTIVITIES

**This Survey does not include trails located within the city limits.  
They will be addressed in a separate Trails Accessibility Survey at a later date.**

**Question 1.** Are there recreational activities conducted by the City of Homer, or a park, campground or play area owned by City that you or someone you know cannot enjoy because of accessibility issues?

☐ Yes ☐ No If yes, please list the park or program and issue: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Question 2.** Have you or a person you know with a disability participated in a recreational program or visited a city owned park, play area or beach that was accessible? ☐ Yes ☐ No If yes, please identify: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Question 3.** Which location owned by the City of Homer is most important to you for the opportunities that it provides?

- ☐ Karen Hornaday Park ☐ Campground ☐ Playground ☐ Playing Fields ☐ Park as a Whole
- ☐ Mariner Park ☐ Campground ☐ Day Use Area ☐ Gazebo ☐ Park as a Whole
- ☐ Bishop's Beach Park ☐ Beach Access ☐ Pavilion ☐ Restroom Facilities ☐ Park as a Whole
- ☐ Jack Gist Park ☐ Playing Fields ☐ Disc Golf Course ☐ Park as a Whole
- ☐ Ben Walters Park ☐ Pavilion ☐ Restroom Facilities ☐ Playground ☐ Access to Beluga Lake ☐ Park as a Whole
- ☐ Seafarer's Memorial
- ☐ End of the Road Park
- ☐ Nick Dudiak Fishing Lagoon
- ☐ Skate Park
- ☐ WKFL Park
- ☐ HERC for Community Recreational Activities offered
- ☐ Other (Please list) \_\_\_\_\_  
\_\_\_\_\_

**Question 4.** In regards to accessibility, rank the following amenities or features found in the location(s) selected in Question 3, in the order of importance to you, your family or a person you know, with 1 as the most important.

- \_\_\_\_\_ Beach Access
- \_\_\_\_\_ General Access to facility, restroom, pavilion, ballfield
- \_\_\_\_\_ Picnic table/fire ring/grill
- \_\_\_\_\_ Parking
- \_\_\_\_\_ Shelter/Pavilion
- \_\_\_\_\_ Play Area/Playground
- \_\_\_\_\_ Sports field
- \_\_\_\_\_ Campground

**Question 5.** Is the City of Homer website accessible? ☐ Yes ☐ No If No, Please provide a brief description on what the City can do to make it more accessible. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Question 6.** Do the City of Homer Park facilities provide adequate accessible features to citizens with accessibility issues? ☐ Yes ☐ No If No, Please provide a brief description on how the City could improve accessibility:\_\_\_\_\_

**Question 7.** What improvements would best promote accessibility to the City of Homer parks, play areas, ballfields and beaches? Please provide a brief description: \_\_\_\_\_

**Question 8:** Is there any additional improvements that the City can provide regarding accessibility within the city’s parks, play areas, recreational programs, ballfields, campgrounds, fishing lagoon or the website? Please provide a brief description:\_\_\_\_\_

We appreciate your participation in this survey regarding accessibility of the City of Homer Parks, Play Areas, recreational programs, campgrounds, the fishing lagoon and/or website.



# City of Homer

[www.cityofhomer-ak.gov](http://www.cityofhomer-ak.gov)

## Office of the City Clerk

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## Memorandum

TO: ROBERT DUMOUCHEL, CITY MANAGER

FROM: RENEE KRAUSE, MMC, ADA COORDINATOR/DEPUTY CITY CLERK

CC: ADA COMPLIANCE COMMITTEE

DATE: JULY 14, 2022

SUBJECT: COMMUNITY SURVEY ON ACCESSIBILITY

---

In reviewing other municipalities' parks transition plan development I found that Washington State Parks included a brief survey on their website, at their park kiosks and distributed to municipalities around the state to gather user feedback and input on the accessibility of their facilities. I believe that a similar process would provide additional support and give a more defined accessibility picture of our city parks, campgrounds, play areas and recreational programs. A survey would also fulfill the Department of Justice requirement for public participation in the development of the transition plan for the play areas, campgrounds and parks.

The idea was presented to the ADA Compliance Committee (Committee) at their February 10, 2022 regular meeting and they approved the idea by consensus. The Committee along with Matt Steffy, Parks Superintendent and Owen Meyer, Project Technician reviewed the proposed questions and made several recommendations and amendments at their meeting on April 14, 2022. The Final Draft was approved at the July 14, 2022 regular meeting.

The ADA Compliance Committee is requesting your approval to distribute the Community Survey on Accessibility to various city facilities such as the HERC, Harbormaster's Office, Homer Public Library, and City Hall as well as the parks kiosks, city website and Facebook page.

I have included an excerpt of the discussion from the minutes of the meetings for your information as an attachment to this memorandum.

### **Recommendation:**

Please review and approve the distribution of the Community Survey on Accessibility.





# City of Homer

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## Office of the City Clerk

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## Memorandum

TO: ADA COMPLIANCE COMMITTEE

FROM: RENEE KRAUSE, MMC, ADA COORDINATOR/DEPUTY CITY CLERK

DATE: JULY 14, 2022

SUBJECT: DRAFT PARKS TRANSITION PLAN STATUS UPDATE

---

I have been diligently trying to organize and input the notes that were provided by Committee members from the revisit and site visits to the various parks and campgrounds while applying the appropriate regulation that addresses the non-compliance issues found at each location. I am wending my way through the document but still have a number of things to address. I have also been trying to reduce like or similar issues found at each location to consolidate and format the document in a user friendly manner that is easily read and understood.

I am hopeful that during the next two months I will be able to complete this transition draft so at the October meeting I can present a final draft transition plan for review.

### Action Requested:

Review and provide comment or suggestions on content and format.

## ADA Checklist for Existing Facilities

rev. 6/2022

Bishop's Beach			Surveyed: May 2021 through September 2021
	Topic of Issue w/ ADA Code Reference	Possible Solutions	
Priority 1 - Approach & Entrance	Van Accessible Space [F208.2, F208.2.4] [502.2, 502.3-502.3.3]	Repaint lines	
	Incorrect height on signage[502.6]	Install "Van Accessible" sign at van space	
	Grade Measurements/orientation to ADA Parking	Regrade & Pave Parking Lot Placement of ADA Accessible Parking Spaces should be closest to future restroom location and pavilion	
	1:55 maximum slope allowed is 1:48 [1016.7, 246.4]		
	Should maintain clear, stable access 36 inches wide minimum [1016.1-1016.4]	Remove all obstacles by replacement of materials	
	Boardwalk connects to Picnic Facilities [247.4.4]	provide consistent and regular maintenance	
	Raised edge between ground and boardwalk [1016.5, 1017.1-1017.5]		
Priority 2 - Access to Goods & Services			
	Fire Ring height should be 15" [309.4, 1011.2.1]	Clear ground space around should be 48" x 48", fire building surface should be minimum 9 inches above ground, Cooking surface shall be 15 inches to 34 inches above ground	
	Cooking Grill is 2 inches over max height [309.4, 1011, 1011.2.1]	Reduce height to maximum allowed, remeasure to ensure compliant with requirements	
	No ADA Accessible Picnic Table [902.3, 1011.4]	Provide a minimum of one accessible table that has clear ground space on all sides by minimum of 36 inches	
	Walkway to Pavilion is not smooth, stable or slip resistant [1011, 245.4.1, 245.4.2.2]	Remove & replace materials and provide scheduled maintenance	
Priority 3: Toilet Rooms	Restroom facility was demolished as it was unusable		
	New Restroom Project is in the planning and design [213]	Construct ADA Compliant Toilet Room	
	Current Portable toilet that is ADA Compliant is in place but the approach is not accessible [206, Chapter 4]	Install accessible walkway to Portable Toilet room from ADA designated parking spaces	
BEN WALTERS PARK			Surveyed September 20 2021
	Topic of Issue w/ ADA Code Reference	Possible Solutions	
Priority 1 - Approach & Entrance	Van Accessible Space [502.2, 206.2, 208 ] parking space requires paving	Repaint lines to meet measurement requirements	
		Install "Van Accessible" sign at van space	

## ADA Checklist for Existing Facilities

rev. 6/2022

<b>Priority 1 - Approach &amp; Entrance</b>	ADA Parking Sign Placement [502.6]	Adjust height on existing handicap signage to comply with 60" minimum from ground
	"Van Accessible" Signs [502.6, 703]	Install "Van Accessible" sign at van space
	Spacing on Grate is compliant at 1.5 inches	Pave parking spaces
<b>Priority 2 - Access to Goods &amp; Services</b>	Grade on Trail is steep 11.1 with cross slope of 11.7 [1016, 1017, 1017.5, 1017.7, 1017.7.2]	fill and regrade, recommend scheduled maintenance
	Transition to Boardwalk has 3 inch difference	
	Boardwalk height exceeds 18" from ground and over water [ORAR 3.4.3] [1013.2, 1013.3]	
<b>Priority 3 - Toilet Rooms</b>	Restroom facility is closed	Remove and Replace with new restroom
<b>Priority 4 - Additional Access</b>	Doggie Bag Dispenser - too high [308, 308.3.2]	Remove and reinstall at correct height
	Benches on Boardwalk are non-compliant [903.5]	Remove and replace with compliant bench

### WKFL PARK

Surveyed September 20, 2021

	Topic of Issue w/ ADA Code Reference	Possible Solutions
<b>Priority 1 - Approach &amp; Entrance</b>	ADA Access to gazebo [202.2.1, 207, 303.4, 1003.2.13, 405]	Install a ramp to provide access to the gazebo
	Slope of sidewalk nearest restroom is 6.5	Remove, grade and reinstall sidewalk
<b>Priority 2 - Access to Goods &amp; Services</b>	There is no ADA compliant access to the gazebo from sidewalk [302, 403.2, 403.3, 1008.2.6]	install ADA compliant sidewalk or pathway

### BAYVIEW PARK

Surveyed: September 17, 2021

	Topic of Issue w/ ADA Code Reference	Possible Solutions
<b>Priority 1 - Approach &amp; Entrance</b>	Slope of Accessible Parking Spaces [502.4]	Regrade surface to maintain max 1:48 slope
	ADA Parking Sign Placement [502.6]	Adjust height on existing accessibility signage to comply with 60" minimum from ground
	"Van Accessible" Signs [502.6]	Install "Van Accessible" sign at van space

## ADA Checklist for Existing Facilities

rev. 6/2022

	Parking [208.2, 502.1-502.5]	
		Regrade cross slope to 1:48 max
<b>Priority 2 - Access to Goods &amp; Services</b>	Walking path is steep and surface material is not compliant [206.2, 206.3, 240.2, 405]	Remove and install compliant materials to create accessible path to play area
<b>Priority 3 - Toilet Rooms:</b>		
	There is currently no restroom facilities offered at this park	Project is currently in process to construction new facility within the park and currently there are portable toilets being provided or pit toilet in the nearby campground are available for use
<b>Priority 4 - Additional Access</b>	non-compliant and unsafe play area equipment [240.2.1.2, ]	Remove and replace with play area components that are age appropriate and ADA compliant
	ground materials throughout the play area is non-compliant [402.2, 302.1, 303.1, 304.2]	Remove and install ground material that is firm, stable, resist heaving and is slip resistant

### KAREN HORNADAY PARK

SURVEYED: September 17, 2021

	Topic of Issue w/ ADA Code Reference	Possible Solutions
<b>PARK OVERALL IN GENERAL</b>		
<b>Priority 1: Approach &amp; Entrance</b>	Entrance Road potholes and steep grade	Construct road to modern day standards with sidewalk(s) along sides of entrance road
	No sidewalk or pedestrian amenities [502, 503]	Ensure that there are accessible parking spaces nearer to lower ballfield, upper ballfield, restroom location and play area location
	There are no designated parking spaces for accessible parking	
<b>Priority 2: Access to Goods, Services &amp; programs</b>	No paved walkway or compacted gravel from parking lot to ballfields, batting cage, pavilion or play area [402, 403, 405, 406]	Install smooth hard surface from parking lot to ballfields, batting cage location, Pavilions and play areas
<b>Priority 3: Toilet Rooms</b>	There are currently no plumbed restroom facilities are in design phase [601-606.5, 609]	Make sure that restroom is designed to ADA Standards



## ADA Checklist for Existing Facilities

rev. 6/2022

<b>Priority 4: Additional Access (Water Fountain, Telephone, Play components, etc.)</b>	Cooking Grills at Pavilion are not compliant [1011.2.1; 1011.3, 1011.5]	Remove and re install in compliance with ADA regulations
	Not enough ADA Compliant picnic tables,	Provide additional ADA Compliant Picnic tables
	Upper Pavilion (green) does not have accessible tables	
	Appropriate signage [703]	Install appropriate ADA compliant signate
<b>PLAY AREA</b>		
<b>Priority 1: Approach &amp; Entrance</b>	Not enough parking spaces for the play area [502]	Create and install compliant parking spaces
	No designated accessible parking spaces [502.2 - 502.7]	that addresses the high usage of the play area.
	Accessible Route to Play Areas [Chapter 4]	Provide accessible routes in accordance with 206.2.17 and Comply with chaoter 4 except as may bemodified by 1008.2
<b>Priority 2: Access to Goods, Services &amp; programs</b>	Access to play area components - entire area is not sectioned into age appropriate play areas [1008, 206.4, 402, 404, 206.2.16.1, 240]	Remove and reinstall play components in age related groupings
	Access to elevated play components non-compliant [240.2, 240.2.1, 240.2.1.1, 240.2.2; ]	Improve access by installation of accessible materials for a smooth hard non-slip surface
	Access to a variety of components within the play area non compliant [402, 403, 404, 405]	Provide ground level components in the number and type as required by 240.2.1
<b>Priority 3: Toilet Rooms</b>		
	Current Restroom facilities are portable toilets	project is currently in process to construct new facility within the park. There are portable toilets being provided and pit toilets available in the campground nearby
	[\$36.401, \$36.403, 213.2]	
<b>Priority 4: Additional Access (Water Fountain, Telephone, Play components, etc.)</b>		
	Most play area components do not meet the ADA requirements for accessibility [240.1 - 240.2.2]	Review and replace existing play area components with compliant play components
	[206.2.17.1]	remove and replace materials that is used in play area near and around components
	Entire area to access play components is not suitable for access [ 402.2, 302.1, 303.1, 304.2]	
<b>BALLFIELDS</b>		
<b>Priority 1: Approach &amp; Entrance</b>	No accessible approach or entrance to the three ballfields within the park[206 and Chapter 4]	Accessible route to all playing fields from parking area accessible parking spots must be installed Install paved, hard, smooth surface

## ADA Checklist for Existing Facilities

rev. 6/2022

Entrance		
Priority 2: Access to Goods, Services & programs	Team or player seating is non-compliant [206, 221, 802]	Accessible seating: 20 - 24 inches in depth of seat; 42 inches in length minimum;
		minimu of 17 inches to 19 inches maximum from floor or ground level
		if there is no a wall for the back support there must be a minimum 2 inches to 18 inches for back support
		Benches must support 250 pounds horizontal or vertical force
		ramp to transition over height discrepancy
Priority 3: Toilet Rooms	Public restroom was demolished and new restroom is in planning/design phase	
	[213.2-213.3.7]	Ensure that new design is ADA compliant
Priority 4: Additional Access (Water Fountain, Telephone, etc.)	Cooking Grills at Pavilion are not compliant [1011.2.1; 1011.3, 1011.5]	Cooking grills require 40"x48" clear ground space on all sides 2-5% slope on 15"-34" height
	Picnic Tables [247.4, 1011]	Remove and Reinstall to allow for ADA requirements
CAMPGROUND		
Priority 1: Approach & Entrance	Surfaces are non-compliant in ADA designated camp sites [202.2.1, 206.2.1, 403.3]	remove and replace materials used
Priority 2: Access to Goods, Services & programs	Ground materials not accessible [244.2 - 244.5, 1012.2]	Remove and replace materials
	Additional Camp site requirements [1013]	
Priority 3: Toilet Rooms	Pit Toilets provided [247.4.4; 1017]	Double check that the Pit Toilets are compliant

## ADA Checklist for Existing Facilities

rev. 6/2022

<b>Priority 4: Additional Access (Water Fountain, Telephone, etc.)</b>	Picnic Tables [F106.5, 245.2.1. 245.2.2, ]	
	Fire Ring is non-compliant [1011.2.1]	Remove and replace with ADA Compliant tables in accessible sites
	Doggy Bag Dispensers too high [308]	remove and replace with ADA Compliant fire ring with cooking grill
	Campground Pay Kiosk too high [308]	Remove and reset at correct height and reach placement
<b>MARINER PARK</b>		
<b>Topic of Issue w/ ADA Code Reference</b>		<b>Possible Solutions</b>
<b>Priority 1: Approach &amp; Entrance</b>	Entrance and Approach is not ADA Compliant [206.2.1, 206.2.2, 302, 402, 403, 404.2.4.4]	
<b>Priority 2: Goods, Services, &amp; Programs</b>	No Ramp at the Gazebo [405]	
	Handrail is needed for the stairs [210, 505]	
<b>Priority 3: Toilet Rooms</b>	No fixed restroom facility there are portable toilets provided during the period April/May to September/October - weather dependent	
	Access Route to Portable toilet needs to be compliant [206, 405]	install accessible walkway to area where portable toilets are placed annually.
<b>Priority 4: Additional Access ( Public Telephone, Drinking Water, other Amenities)</b>		
<b>FISHING HOLE CAMPGROUND &amp; PAVILION</b>		
		Surveyed:

## ADA Checklist for Existing Facilities

rev. 6/2022

	Topic of Issue w/ ADA Code Reference	Possible Solutions
<b>Priority 1: Approach &amp; Entrance</b>		
	ADA Parking spaces require marking [208.2, 502, 1012]	Striping and marking of ADA Parking Spaces and compliance with required size and location
	Parking Signage is non-compliant [703, 703.4.1]	Remove and reinstall signage at proper height.
<b>Priority 2: Goods, Services, Programs, etc.</b>		
	Accessible Route to Restroom is required [402, 403, 302]	Install accessible route from restroom to accessible campsites and parking spaces
<b>Priority 3: Toilet Rooms</b>		
	Missing Grab Bars [604.5, 609, 604.5.1,	
<b>Priority 4: Additional Access (Drinking Fountains, Public Telephone, Pay kiosks, Info Kiosk, etc.)</b>	Fire Ring [1011.2, 1011.3, 1011.5, 1011.5.1, 1011.5.2]	Clear Ground Space on all usable sides 48" x 48" for Grills, Fire Rings
	Picnic Tables [1011.2.1]	Picnic Tables clear ground space - 36 inches on usable sides measured from back edge of bench
	Grill cement base requires widening [308.2, 308.2.2, 309.4	Generally all sides of picnic tables, grills and fire pits are usable unless placed against some thing such as a wall, tree, etc.
		There is one ADA Compliant picnic table at pavilion.
	"Doggi Pot" height is not compliant [307, 308, 309] and should be relocated facing Bay on the east side	Remove and Reinstall "Doggie Pot" at proper height and location to the east
	Pay Kiosk requires additional cement surface placed [307, 308, 309]	Improvements needed for future consideration: Digital Readout is not great and drive up accessibility would be nice option.
	Potable Water Accessible Route Required [402,403, 302, 303]	48 foot accessible path required and large rock requires removal to access the potable water with compliant handle
<b>JACK GIST PARK</b> <span style="float: right;">Surveyed:</span>		
	Topic of Issue w/ ADA Code Reference	Possible Solutions
	No ADA Compliant Parking Spaces[F208.2, F208.2.4, 502, 703]	Lower Right Field: Grade and pave parking areas and install required ADA compliant parking spaces and signage



## ADA Checklist for Existing Facilities

rev. 6/2022

<b>Priority 1: Approach &amp; Entrance</b>	Lower Parking Lot requires paving with accessible route to Team Seating and Spectator Seating [206, 403.5, 405.5, 405.8, 246.3]	
<b>Priority 2: Goods, Services, Programs, etc.</b>	R & R gate to 48" accessible option for team and staff access [404.2, 404.2.4, 404.2.4.1]	Remove and Replace existing gate with ADA Compliant option
	4 inch height difference in levels at dugout [403, 303, 405]	Replace materials to remove 4 inch height displacement or install concrete ramp from ground level to team seating area
	Disc Golf Boardwalk is non-compliant - remove and replace [403, 302, 1006.2, 1007.2]	Widen pathways to baskets and increase width to make it ADA compliant
	Number of ADA Compliant Baskets [1007.3]	Install a percentage of the baskets or alternate baskets at each hole that is ADA compliant with regards to height, reach, approach, etc.
	Benches are non-compliant [221.2.1.4, 802.1, 903, 903.4]	Remove and Replace with ADA compliant benches that are 42 inches by 20 -24 inches and have 2 inches to 18 inches back support or against wall
<b>Priority 3: Toilet Rooms</b>		
		Design and Construct ADA Compliant restroom Facilities for the park - recommend placement of two centrally located facilities in upper and lower areas of the general park grounds
	Portable Toilets used [603, 604, 605, 606]	
<b>Priority 4: Additional Access (Drinking Fountains, Public Telephone, Pay kiosks, Info Kiosk, etc.)</b>		
	Lower Left Field Gate to Team & Staff is not ADA Compliant [404.2, 404.2.4, 404.2.4.1]	Remove & replace gate with ADA Compliant gate
	Transition between ground & concrete floor is 4 inches [403]	Remove vegetation and install materials to create smooth transition or install ramp to accommodate transition from ground to top of transition
	Punching Bag Lower Left Field in path of travel [402, 403]	
	Bleachers along road are accessible for upper field	Recommend installing accessible pathway to these bleachers
	Transition to dugout (team seating area) non-compliant [403]	Recommend placing materials to bring ground level to concrete floor level of team seating area in dugout or install ramp
	Accessible Route to Upper Field	



# ADA Transition Plan Parks, Play Areas & Campgrounds

**Draft June 23, 2022**

**Approved by Resolution 22-0xx**

## **Acknowledgements**

### **Mayor & City Council**

Ken Castner, Mayor

Donna Aderhold

Caroline Venuti

Rachel Lord

Jason Davis

Storm Hansen – Cavasos

Shelly Erickson

### **ADA Compliance Committee**

Joyanna Geisler

Nona Safra

Donna Aderhold

Christine Thorsrud

Vikki Deadrick

Vacant

Vacant

### **Parks Arts Recreation & Culture Advisory Commission Representatives**

Deb Lowney

David Lewis

### **Interested Community Members**

Devony Lehner, TRAILS

### **City of Homer Staff**

Renee Krause, MMC, Deputy City Clerk II /ADA Coordinator

Owen Meyer, Project Technician

Matt Steffy, Parks Superintendent

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## **1.0 Introduction**

The American Community Survey (ACS) estimates the overall rate of people with disabilities in the United States (US) population is around 25.6 percent. The data shows that disability increases with age, for people 65 and over. In Alaska, the numbers reported having a disability overall were 12.6 percent. It was reported that 28.9% of Alaska residents had some form of disability. In Homer 19.5 percent of residents are over the age of 65 (www.census.gov). In short, hundreds of people in our community face disabilities and many of those use Homer's parks, campgrounds, and play areas on a regular basis. Homer's mission is to be a dynamic community where all can live, play, work and invest. To make that mission a reality, it needs to be accessible. The City of Homer owns and manages 17 parks, comprised of over 520 acres of land, along with three campgrounds and three play areas. These range from small pocket parks with multi-use trails in forested natural areas, larger established parks with play areas, campgrounds, and sports fields. To ensure our parks systems are accessible to all, the City has commenced the development of an Americans with Disability Act (ADA) Transition Plan for City Parks, Play Areas and Campgrounds (Parks Transition Plan) in 2021. This document will become incorporated with the ADA Transition Plan adopted by City Council in 2019.

## **1.1 ADA Background**

The ADA is a civil rights law that requires all state and local governments to provide equal access to programs and services for all community members. It was signed into law by President George H.W. Bush on July 26, 1990 and went into effect in 1992. The ADA is a landmark civil rights law that prohibits discrimination against individuals with disabilities in access to jobs, public accommodations, government services and programs, public transportation, and telecommunications. The ADA treats access as a civil right.

**Title I** of the ADA prohibits private employers, state and local governments, employment agencies and labor unions from discriminating against qualified individuals with disabilities in job application procedures, hiring, firing, advancement, compensation, job training, and other terms, conditions, and privileges of employment. The City of Homer is an Equal Employment Opportunity (EEO) employer and adheres to the requirements of Title I.

**Title II** of the ADA adopts the general prohibitions against discrimination contained in Section 504 of the Rehabilitation Act of 1973, but applies to all state and local governments, regardless of whether or not they receive federal funding. It prohibits the City from denying persons with disabilities the equal opportunity to participate in its services, programs or activities, either directly or indirectly through contractual arrangements. It is the policy of the City of Homer to make every reasonable effort to provide equal access to all City facilities, services, programs, and activities for citizens with disabilities in accordance with the ADA and Section 504 of the Rehabilitation Act of 1973.

**Title III** applies to public accommodations, which include businesses open to the public and requires them to make reasonable modifications to accommodate individuals with disabilities.

## **1.2 Community Involvement**

Community involvement is a priority of Homer and an essential part of the ADA Transition Plan development requirements. The City is required to involve the public in the evaluation and



prioritization process. To ensure the community had various ways to engage the public, meetings were held via electronic means as well as in person. The public was invited to attend and participate in the facilities review and site accessibility audits.

## **2.0 Regulatory Standards and Guidance**

Access to civic life by people with disabilities is a fundamental goal of the ADA. To ensure that this goal is met, Title II of the ADA requires local government to make their programs and services accessible to individuals with disabilities. This requirement extends not only to physical access at government facilities, programs, and events, but also to policy changes that governmental entities must make to ensure that all people with disabilities can take part in, and benefit from, the programs and services of local government. In addition, governmental entities must ensure effective communication – including the provision of necessary auxiliary aids and services – so that individuals with disabilities can participate in civic life.

One important way to ensure that Title II's requirements are being met is through the self-evaluation process, which is required by the ADA regulations. Self-evaluation enables public agencies to pinpoint the facilities, programs and services that must be modified or relocated to ensure that agencies are complying with the ADA.

### **2.1 Audit Standards**

Multiple federal guidelines were applied to the parks, trails and campgrounds accessibility audits. The first is the Americans with Disabilities Act Accessibility Guidelines (ADAAG), also known as the 1991 standards, which addresses entries, doors, service counters, showers, curb cuts on sidewalks, pathways and trails within parks, and other typical building elements when applicable. The second is 2010 Standards for Accessible Design, effective March 15, 2012 that includes requirements for play areas, fishing areas, boating areas and more.

The Access Board issued accessibility guidelines for newly constructed and altered recreation facilities in 2002, these supplement the ADAAG. All newly designed, constructed, and altered recreation facilities covered by ADA were required to comply.

Certain park elements do not yet have a final regulation standard, these include trails, picnic areas and campgrounds. On these elements, the Outdoor Developed Areas Guidelines (ODAG) were used. The site accessibility reports cite both the ADAAG 2010 Standards and the Outdoor Developed Areas Guidelines.

This report identifies the barriers and performance-based solutions in the form of project recommendations. Some of these projects will require further design prior to implementation. All improvements will require maintenance to ensure continued compliance with these guidelines.

### **2.2 Transition Plan Requirements**

The Parks Transition Plan development must include the following features:

- A list of physical barriers that limit accessibility of programs or activities to individuals with disabilities, also known as a self-evaluation.
- A detailed description of the methods that will be used to make is accessible.
- The official responsible for implementation of the plan.

- A timeline for corrections.

The Parks Transition Plan timeline is designed to provide flexibility to the City around specific parks, Play Areas, and campgrounds, ensuring that continuous access and improvements are being made.

In 2019, the City Council adopted the City of Homer ADA Transition Plan (Transition Plan), which identified the ADA coordinator, evaluated communications and other city facilities, developed a dispute process and modifications request. This information is available on the City of Homer website or at the City Clerk's Office. That Transition Plan began the audit process with the evaluation of entrances, restrooms, sidewalks, parking areas and curb ramps at all city facilities.

The Parks Transition Plan describes those barriers to and within Homer's parks, campgrounds, and play areas and provides recommendations to remove barriers found. This document will supplement the earlier Transition Plan created for City buildings and facilities to fulfill the requirements in Title II of the ADA.

The Parks Transition Plan and the previously approved Transition Plan will be integrated into a single overall Plan after completion.

### **2.3 Program Access Recommendations**

The US Department of Justice test for existing facilities is known as the program access test. A program is an opportunity made available by the individual department, in this case Parks which includes Community Recreation. A program is not just an activity for which a person registers and pays a fee. It can be the program of picnicking, parking, or fishing. It is a program if it is an activity made available by the Parks department. The program access test does not apply to new construction or alterations and additions. New construction, alterations, or additions must be designed and constructed to comply with the 2010 Standards for Accessible Design.

There are multiple ways in which a program can be made accessible. In Title II regulations, Section 35.150(b) describes the methods an entity can use to make programs accessible. They include:

- Redesign or acquisition of equipment;
- Movement of programs to accessible buildings;
- Assignment of aides to program beneficiaries;
- Delivery of services at alternate accessible sites;
- Alteration of existing facilities and construction of new facilities;
- Use of accessible rolling stock or other conveyances; and
- Any other methods that result in making its services, programs, and activities readily accessible to and usable by individuals with disabilities.

The program access recommendations are based on:

- a minimum of one out of three assets should be accessible;
- All unique assets should be accessible;
- Some barriers, identified in the site accessibility reports, will not need to be changed until a renovation, rebuild based on the technical infeasibility, historical preservation, construction tolerance, or that no current guidance is available.

### 3.0 Methodology

**The methodology of this portion of the transition plan included the performance of Access Audits on the city parks, campgrounds and play areas and incorporation of ADA improvement projects in the normal annual maintenance schedule to bring into compliance. The second method will be through specific ADA Accessibility Improvement Projects to be included in the City of Homer Capital Improvement Plan and in other possible funding opportunities that may be available.**

#### 3.1 Access Audits

Members of the ADA Compliance Committee, Public Works Staff, Parks, Arts, Recreation & Culture Advisory Commission (PARC) members and interested community members conducted accessibility audits for six parks, three campgrounds, one memorial park, and two additional play areas. These audits were conducted July 2021 through September 2021 and in May 2022.

The site visit accessibility audits consisted of an overall site report and individual checklists that covered parking, accessible routes and means of access, play areas, shelters/picnic areas, outdoor recreation amenities such as fire rings or bar-b-que grills and the overall park site.

- The overall site report for each park facility includes the following:
  - Description of the specific barriers at each location;
  - Reference to the regulation or guideline citation;
  - Digital images of the barrier;
  - Location within the site;
  - Recommendations for addressing the barrier;
  - Priority ranking to bring into compliance based on accessibility standards and regulations.

#### 3.2 Findings

The accessibility audits identified multiple access deficits across the system. This represents a better than average number of access deficits, meaning City of Homer parks, campgrounds, and Play Areas are less accessible than many larger communities but comparable to similar communities across Alaska. Projects were prioritized using Department of Justice (DOJ) guidance which considers the following priorities **priority levels:**

1. Accessible approach and entry (i.e. parking, accessible routes)
2. Access to programs and services
3. Access to Restrooms
4. Access to other items (drinking fountains, trash receptacles, grills, benches, etc.)

**Each park, play area or campground was also prioritized based on the following:**

- **community usage**
- **survey responses**
- **public comment or participation**
- **access to park amenities such as play areas, trails, sports fields, and campgrounds**

#### 4.0 Transition Plan

The accessibility audits identified multiple access deficits across the system. To effectively and efficiently improve accessibility they were prioritized over a 10 year timeline to ensure program access. The prioritized list includes barriers to access all features at each location.

This prioritization of the projects within the Parks Transition Plan was accomplished through meetings and site visits open to members of the community, in collaboration with the ADA Compliance Committee members, Public Works Staff, and PARC Advisory Commissioners. This work sought to identify the most efficient and effective way to make the City's parks, campgrounds and play areas more accessible. The prioritization focused on all of the deficiencies that could be addressed in the recommended timeframe while working on program access.

These priorities focused on which parks, campgrounds and play areas were most used by the community and visitors to improve accessibility, evaluating which deficiencies to correct first for the most benefit. Lastly, that all program types are accessible somewhere within the system.

The transition plan works toward this goal with the expectation that any new construction will be fully compliant and help the department move over time to a completely accessible parks system within the City of Homer.

See Exhibit A for Accessibility Audits on the following:

1. Karen Hornaday Park including Play areas, campground and ballfields
2. Mariner Park including Day Use Area and campground
3. Beluga Slough Trail
4. Bishop's Beach Park
5. Bayview Park
6. Jack Gist Park including ballfields and Disc Golf Course
7. Seafarer's Memorial

#### 5.0 Cost Estimating and Financing

##### 5.1 Cost Estimating

**The timeline for this work outlined in the Parks Transition Plan is ten years, which takes advantage of the biennial budgeting process the City follows. Initial work has been focused on cost estimates for the projects undertaken in the 2025-2026 biennium and a ten year proposed project list. Maintenance and smaller capital projects would occur in the 2023-2024 biennium and the detailed development of budget offers would be written and submitted over the next three biennia. More detailed cost estimates for future projects would be developed for those budget offers. Any new construction undertaken is required to be fully accessible.**

Upon completion of the prioritization, the City of Homer Public Works ~~performed~~ contracted the cost estimating ~~with park maintenance operations, administration, and planning to~~ **NAME OF CONTRACTOR to** further understand the project groupings and how we might contract for certain work, such as paving parking lots versus a discrete set of access projects at a single park. Original cost estimates were based on past experience with similar projects and assumptions regarding future economic conditions and related to construction only (no design or project costs).

These numbers were reviewed and revised with a multiplier to bring to 2023 cost estimates. Additional work on costs will occur leading up to development in the spring of 2023 for the 2023- 2024 biennium.

Potential cost savings may be realized from strategic scaling of contracts. Analysis of the project list identified six major types of work that include the following six trades or project types:

- Parking/Paving/Concrete
- Labor
- Plumbing
- Electrical
- Signage
- Potential CIP Project

Further cost estimates will evaluate opportunities to do multiple projects across the park or trail system, such as all sign upgrades.

## **5.2 Funding**

There is no dedicated source of federal funds for accessibility renovations to existing sites. The work will be done through three main channels as follows:





- Maintenance and repair
- Small capital projects
- Capital Improvement Plan (CIP) projects.
  - Current CIP projects will be reviewed to see if they may be amended to capture additional access improvements. An example of this might be the Bayview Park. This will increase the available number of accessible Play areas.
- Available Grant funding and other sources that could help implement some of this work
  - ADA modifications are common, and grants will be competitive. Some opportunities may be available through the following:
    - Community Development Block Grant (CDBG) Funds: Many agencies receive federal CDBG funds for accessibility renovations at existing sites. CDBG funds often have a scale of priority. It is important to establish accessibility as a priority for CDBG applications.
    - State/Federal Grant Programs such as the Land & Water Conservation Fund, The Great American Outdoors Act; Community Facilities Direct Loan & Grant Program in Alaska, or Recreational Trails Program
    - State Appropriations: The City has successfully competed for appropriations for larger projects, and if offered by the State, would be an avenue for funding.





## **6.0 Recommendations**






In addition to the audit findings, opportunities to improve accessibility via policies and procedures were identified through the self-evaluation. The following recommendations are not an exhaustive policy review, but highlighting best practices based on discussions with staff, ADA Compliance Committee members, PARCAC Commissioners and interested members of the community.








1. Implement modifications according to the approach proposed in Section 4.0 and the Parks Transition Plan to accommodate all users.
2. Develop maintenance staff training and checklists to improve accessibility during routine maintenance. Items such as accessible routes, gaps, changes in level, door closing force and common obstructions can be part of ongoing routine maintenance work.
3. Update website with more details regarding ADA access at each park. This would include parking and restroom accessibility along with what is accessible and lengths of accessible trails, so park patrons can make informed decisions before traveling to the park.
4. Ensure all contracts have language regarding modifications that a contractor will make to provide equal access to services, programs and activities.
5. Improve wayfinding signage so people with disabilities can more easily and conveniently navigate the park system and the city as a whole.
6. If portable toilets are provided at a park site, make sure at least one is accessible.

Facility Name: Karen Hornaday Park				TIME OF ASSESSMENT: July - September 2021		
STRUCTURES/FACILITY/AREA(S): Karen Hornaday Park has only portable toilets at the time of accessibility surveys. Projects are in planning stages for redesign of entrance road, parking lot, pedestrian trail and new restroom facilities.						
ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
206.2.1; 206.2.2;	No accessible route from upper ballfields, playground or parking lot to pavilion Slope is greater than 1:48	Furnish and install accessible route to pavilion from parking lot, playground and upper ballfields. Where multiple sports fields or courts are provided an accessible route is required to each field or area of Sport Activity	Pavilion closest to parking lot & playground			Priority 1
208.2 502.2 502.3 & 502.6	Designated accessible parking is not posted or available	Recommend including more than required accessible spaces due to varied and high use of this park's amenities.	Former restroom location in main parking lot, nearest to pavilion			Priority 1
1011.2.1	Pavilion has one ADA Compliant picnic table	Recommend installation of additional accessible table due to high use of pavilion.	Main Lower Pavilion			Priority 4
303	Transition from gravel fire pit area to concrete pavilion.	Add material to maintain accessible approach. Regrade slope	North side of pavilion nearest to playground and upper ballfield			Priority 1






ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
302.1, 402.2, 403.2	The rope climb is surrounded by rocks with no ADA access point.	Remove rocks and install accessible pathway to amenity.	Lower field near pavilion.			Priority 1
208.1, 208.2, 208.2.4 & 502.6	Parking for the playground is limited to approximately 3 spaces with no designated Handicap parking.	Define parking spaces and designate a minimum of one space (all three would be preferred) as Accessible Parking.	Playground entrance			Priority 1
240.1 240.2.1 1008.1 1008.2.1	The climbing wall just outside the entrance to the playground has the potential to be an accessible feature but is not maintained. The entrance is not accessible	Maintain area and create access entry to incorporate into main playground	Playground entrance			Priority 4
302.1 302.3 303.1 304.1 403.1 403.5.1 1008.1- 1008.2.1 1008.2.6	Playground entrance has a wood chip base this is not accessible material	Furnish & install accessible route into the playground ensuring stable, firm non-slip material	Entrance to playground			Priority 1






ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
<b>1008.2.4</b> <b>1008.2.6</b> <b>402, 403,</b> <b>Section</b> <b>1008</b>	Thick wood chips at entrance to the small children's play area. Wood chips, which provide the surface for the majority of the play area are not accessible as other materials recommended.	Recommend new surface.	Entrance to small children's play area			Priority 1
<b>1008.2.4</b> <b>1008.2.6</b> <b>1008.4.3</b>	Potentially accessible feature just outside the small children's play area.	Recommend relocating component to ensure accessibility				Priority 4
<b>1008.4.2</b>	Accessible communication station and a wheel that requires standing to access.	Recommend modification on the height of the wheel for accessibility.				Priority 4
<b>1008.4.2,</b> <b>308,</b> <b>1008.2.6,</b> <b>1008.2.4</b>	A Climbing wall feature within the small children's play area that may be accessible.	Clear width and access Ground should be firm and stable Child reach needs to be verified				Priority 4
<b>302.1 ,</b> <b>303.1,</b>	This play area is surrounded by wall	Modify to provide accessible route to				






**PLEASE NOTE ALL FORMATTING ISSUES WILL BE CORRECTED IN FINAL DRAFT.**




ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
<b>305.2, 1008.2.4</b>	or fence and is not accessible by wheelchair.	this area. Installation of suitable materials to make ground firm and stable is needed				Priority 2
<b>303.1 1008.3.1, 1008.3.2</b>	All access to this play component require stepping up. There is no chair level access.	Modify component to provide required accessibility by providing accessible platform access from wheelchair, etc.				Priority 2
<b>1008.2.1</b>	This boat play component is partially accessible but the sand box around it is not accessible.	Modify component to make sand box accessible which would allow access to the boat				Priority 2
<b>240.2.1.2,</b>	A typical playground feature that provides multiple access points but has no accessible transfer point.	Recommend modification to add a transfer platform.	KHP Play Area			
<b>240, 403</b>	Swings have accessible option	Recommend providing choice of accessible swings	Small Children's Area			Priority 4









ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
<b>240, 302, 304, 305, 404.2.3</b>	Entrance to older children's play area needs to be wider for accessibility.	Recommend extending the opening to be ADA compliant				Priority 2
<b>1008.2.1</b>	Safety hazard	Logs are rotten and should be removed				Priority 1
<b>1008.2.1</b>	Accessible climbing wall next to entrance to elevated play component.	Recommend installation of transfer platform to access elevated play components				
<b>1008.2.1</b>	Additional access point to elevated play area.					
	Access	Tube slide with elevated play area should provide additional access point since this is the only play component of type.				

ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
<b>1008.2.6, 1008.2.6.1</b>	No accessible entrance	Boat play component could be accessible feature with modifications				Priority 2
<b>1008.2.6</b>	Ground material not ADA compliant	Recommend replacing materials and installation of a firm stable surface material				Priority 4
	Is reach ADA compliant?	Zip Line Play Component				Priority 4
<b>206, 404, 1008</b>	Accessible Route is needed and replacement of ground materials	Remove and Replace solid stable ground materials				Priority 2
<b>221.2 221.2.1.4 221.2.3 221.3</b>	Bleachers at upper field – no accessibility, too close to fence, no hand rails or safety railing to prevent falling off the top seat	Furnish and install or modify existing to provide better safety; Install bench and area for wheelchair seating; provide accessible seating	Upper field closet to playground			Priority 2






ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
<b>1011.2, 1011.3 1011.5</b>	Grills swivel. Req. 40" x 48" clear ground space on all sides; 2-5% slope and 15"-34" height req.	Remove and Reinstall to allow for ADA required height clearance and slope	Central pavilion nearest upper ball field			Priority 4
<b>206</b>	Pavilion approaches are not ADA compliant, slope too steep and not enough flat surface area; Tables that built in are not	Regrade and install ADA compliant pathway route(s) to pavilion. Furnish/install section for ADA	Upper Pavilion nearest to western ballfield and lower Highland Games Field			Priority 1
<b>1011.2.1</b>	No available Picnic Tables are ADA Compliant	Provide minimum of one ADA Compliant Table	Upper Pavilion nearest to western ballfield and lower Highland Games Field			Priority 2
<b>1008.2.6; 206.7.9</b>	Entrances to dugouts are not compliant; grade has step up	ground surface must be maintained and inspected on a regular basis to ensure compliance	Team Dugout Upper Field (verify location)			
<b>206.7.9, 404.2.3, 404.2.4.4</b>	Dugout entrance is not ADA Compliant - opening is too narrow	Remove and Replace Gate & fencing to provide required clearances				Priority 2







ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
206.2.1 221.4 221.2.1.4 221.2.3 221.3	There is no accessible route from/to accessible parking spaces. Bleachers do not provide accessible seating or companion seating.	Furnish and Install accessible route from parking lot (when completed) Provide designated wheelchair seating with companion seating. Provide regular maintenance to grounds	First lower field at KHP			Priority 2
FACILITY NAME: Bishop's Beach Park & Beluga Slough Trail				TIME OF ASSESSMENT: July-September 2021		
STRUCTURE/FACILITY/AREA(S): Bishop’s Beach Park provides access to miles of public beaches, a picnic pavilion with fire ring and bar-b-que grill and picnic tables. There is a large grassy manicured lawn area and currently restroom facilities are portable toilets as plumbed toilets are in the planning and design phase with expectation of construction in 2022/23. It also provides vehicle access to the						
208  208.2 208.2.4 302, 502.4	Handicap parking has too much slope, no accessible access to pavilion or portable toilets. Overall slope in parking space should not be over 1:48	Regrade and repave parking lot to include pavement marking for minimum # of required accessible parking spaces with the required # of spaces to be van accessible	Accessible Parking spaces to pavilion and future restroom location			Priority 1
206  206.2.1 502.1 – 502.3.4	No Accessible approach to portable restrooms and picnic pavilion	Furnish & install accessible walkway to picnic shelter and restroom from handicap parking spaces				Priority 1












ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
703, 502.6, 703.7.2.1	Signage and no van accessible parking spot; Access to facilities; slope of accessible parking spaces	Handicap parking signage updated regarding fines. Van accessible parking and pavement marking. Regrade and repave parking lot to maintain correct slope	Parking lot			Priority 1
402	Transition from ground to elevated walkway is too high.	Recommend more maintenance be done to ensure there is no ledge.	Beluga Slough Trail approach located at XXXXX			priority 1
404	Transition from ground to elevated walkway is too high and there is too steep of slope	Correct slope and transition from ground to elevated walkway; maintain on a regular basis to insure accessibility	Beluga Slough Trail approach located at XXXX			
404	Transition is too high, vegetation impairs visibility	Increase maintenance on vegetation & transition				
404	Transition issue between ground and elevated walkway, vegetation hinders visibility	Review slope compliance; maintain to clear vegetation & transition				
	Nominal transition issues on this	Recommend maintenance to				









ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
	segment. Good example of what access should be.	maintain proper transition measurements.				
	Transition requires maintenance to be compliant	Maintain difference between ground and elevated walkway on a regular basis to keep compliant				
FACILITY NAME: Mariner Park and Campground				TIME OF ASSESSMENT: July-September 2021		
STRUCTURE/FACILITY/AREA(S): Located at the base of the Homer Spit, Mariner Park, is a 111 acre mul;ti-use area that is one of the most popular beach access points in Homer. There are 34 campsites available April 1st through October 30th. There is a Day Use Area along the northern border of the park with picnic tables, fire rings and a gazebo. The gazebo is available for reservation for private events. There are seasonal restroom facilities provided.						
ADA STD SECTION #/ORAR	ACCESSIBILITY ISSUE	COMMENTS/ SUGGESTIONS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
206.2.1, 502	No accessible parking designation  No ramp to gazebo interior		Gazebo and Parking in Day Use Area			Priority 1
210	No Handrails on the steps.	Recommend Installing Handrails				Priority 2
	Bench is not compliant height 16 inches. No wheelchair space within gazebo					






ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
	Fire Ring is not compliant 20 feet from parking lot, No accessible route		Gazebo/Day Use Area			
	No ADA Compliant picnic tables. No accessible route from parking		Day use Area			
		No designated Handicap parking	Parking Area/Camp Sites			
	No ADA parking designated No accessible route from parking No Ramp Access or alternate method of notification to get camp host attention if not outside. Route to camp host is 27 feet from parking no accessible route		Camp Host Cabin	 		
	Fee Kiosk Area Bulletin Board height is 50" Doggie Bag Dispenser 38.5"					






ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
	No accessible route to portable restroom facility. Dumpster is not accessible					
	Picnic tables rotted and not compliant. Campsite 21 feet 3 inches wide by 22 feet long. Fire Ring 17" height			 		
FACILITY NAME: Fishing Hole Campground, Homer Spit				TIME OF ASSESSMENT: July-September 2021		
STRUCTURE/FACILITY/AREA(s): With over 80 sites and located next the Fishing Lagoon, 9 camp sites are located on the lagoon, the Fishing Hole Campground is a popular destination for campers. Amenities include Fishing Hole sites, beach sites, fish cleaning tables, handicapped accessible restroom facilities, potable water, and easy access to one of the city's RV dump sites. The Fishing Hole Campground has 16 sites that are available for camping during the winter months, from October 31- March 31 <sup>st</sup> .						
						





ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
						
						
						
						
						







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ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
						
Facility Name: Seafarer's Memorial Park				Time of Assessment: July - September 2021		
STRUCTURE/FACILITY/AREA(s): Seafarer's Memorial is a 2.52 acre lot located off of the Sterling Highway near 13 the end of the Homer Spit, a memorial gazebo honoring those who were lost at sea, 45 parking places and open space providing unobstructed views of the surrounding mountains and Kachemak Bay and access to the Spit beach.						
ADA STD SECTION #/ORAR	ACCESSIBILITY ISSUE	COMMENTS/ SUGGESTIONS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
						
						
						
						

ADA STD SECT #/ORAR	ACCESSIBILITY ISSUE	COMMENTS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
						
FACILITY NAME: Jack Gist Park				TIME OF ASSESSMENT: July - September 2021		
STRUCTURE/FACILITY/AREA(s): Donated by Jack Gist's estate for new softball fields, this 10 acre park offers stunning views of Beluga Lake and Kachemak Bay. Three fields are utilized by the Homer Adult Softball Association and the Homer High Mariner Softball team. There is also a disc golf course located in the park. Restrooms are available during the summer season.						
ADA STD SECTION #/ORAR	ACCESSIBILITY ISSUE	COMMENTS/ SUGGESTIONS	BUILDING LOCATION OR OTHER IDENTIFIER	PICTURE/IMAGE	ESTIMATED COST	PRIORITY & TIMING
						
						
						
						

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## ADA TRANSITION PROJECTS

### City Hall Access Barrier Removal

**Project Description & Benefit:** Under Title II of the Americans with Disabilities Act (ADA), all State and local governments must be accessible to, and usable by, people with disabilities. The basic principles of the ADA are equal opportunity, integration, and inclusion. From 2017-2019, the City of Homer ADA Compliance Committee and City Staff evaluated City Facilities to identify accessibility barriers. The results were compiled into the City's Transition Plan, in accordance with Title II of the ADA regulations. City Hall is one of the most used city buildings throughout the year and this project corrects access barriers (ADA Priority Level 1 issues) to get into the building.

City Hall access barriers include:

- Cross slopes that exceed 1:48 ratio for all designated accessible parking spaces;
- Absence of van accessible parking;
- Incorrect dimensions of accessible parking spaces;
- Improperly located signage;
- Absence of a level landing at the top of the curb ramp below the front entrance ramp;
- Handrails on ramp protrude into the path of travel and reduces the width to less than 36" width requirement;
- Push bar on main entrance door protrudes into the doorway and reduces the width of the opening to less than 32" width requirement; and
- Front door entrance threshold height.

**Plans & Progress:** Public Works Staff assisted the ADA Compliance Committee during the self-evaluation process, and together with Port and Harbor staff helped develop solutions and remedies included in the Transition Plan. City Council approved the Transition Plan in Resolution 19-024. ~~This project could potentially be addressed in conjunction with DOT&PF's Lake Street Repaving Project (currently scheduled for 2021) to take advantage of the paving equipment and contractors which will be mobilized locally.~~

**Total Project Cost:** \$400,000

**Schedule:** 2023<sup>1</sup>

**Priority Level:** 1

## Nick Dudiak Fishing Lagoon Accessible Ramp and Retaining Wall

**Project Description & Benefit:** The Nick Dudiak Fishing Lagoon located on the Homer Spit (also known as the “Fishing Hole”) is a man-made marine embayment approximately 5 acres in size that is annually stocked with king and silver salmon smolts to provide sport fishing opportunity. Salmon fishing at the Nick Dudiak Fishing Lagoon brings visitors to Homer throughout the summer and is also popular with city residents. This outdoor recreation activity provides a local, road accessible, shore-based salmon fishery that attracts a wide array of sport anglers, including handicapped accessible and youth-only fishing opportunities. This outdoor recreational activity helps stimulate and diversify local businesses and the economy. During the summer when salmon are returning, up to 250 bank anglers have been present at any one time between 7 a.m. and 10 p.m. The parking area, shoreline and tide line 17 feet above mean high water are owned by the City of Homer. Below mean high water, the tidelands and water are owned by the State of Alaska.

Over the years the accessible ramp has fallen into major disrepair and is no longer complaint or usable by anglers with mobility challenges. In 2018 the Alaska Department of Fish and Game attempted to provide funding for improvements to the accessible ramp, however funding was pulled.

**Plans & Progress:** The City of Homer ADA Compliance Committee has identified this improvement as a significant benefit and ADF&G has submitted a request for Fiscal Year 2021 to replace the South ADA ramp. [The City has commissioned HDR Inc. to develop options for an engineered solution that will be more durable than the existing ramp.](#)

**Total Project Cost:** ~~\$250,000~~59,300

**Schedule:** 2023~~2~~

**Priority Level:** 2

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## Public Restroom Accessibility Barrier Removal

**Project Description & Benefit:** Under Title II of the Americans with Disabilities Act (ADA), all State and local governments must be accessible to, and usable by people with disabilities. The basic principles of the ADA are equal opportunity, integration, and inclusion. From 2017-2019, the City of Homer ADA Compliance Committee and City Staff evaluated City Facilities to identify accessibility barriers. The results were compiled into the City's Transition Plan, in accordance with Title II of the ADA regulations. This project corrects barriers at City public restroom facilities. A clear path of travel to a bathroom and clearance for entry, maneuverability inside, and access to water closets, toilet paper, soap and hand towel dispensers or dryers, are just some of the key requirements of the ADA. These accessible features are required for public restrooms whether they are restrooms with stalls in a City building or individual bathrooms that are located on the spit and in town. Correcting these issues are a benefit the entire community.

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Barrier removal in existing bathrooms include:

- Relocation of grab bars, toilet paper dispensers, coat hooks, and mirrors;
- Moving tactical signage to the appropriate location on the left side of the entrance;
- Adjusting the entrance threshold height;
- Replacing toilets that are too high or have flush lever to the open side of the water closet;
- Covering pipes below lavatories;
- Replacing hardware on stall doors and bathroom doors;
- Removing obstacles to clear floor space for wheelchair maneuverability, and;
- Complete bathroom facility replacement.

**Plans & Progress:** Public Works Staff assisted the ADA Compliance Committee during the self-evaluation process, and together with Port and Harbor staff helped develop solutions and remedies included in the Transition Plan. City Council approved the Transition Plan in Resolution 19-024. This project could proceed in phases. Phase 1 would remove accessibility barriers in existing City restrooms, bringing them into ADA compliance. Many of the barriers exist in several restrooms and could be addressed through one project. ADA improvements to the Karen Hornaday Park restroom is not recommended due to the buildings advanced age and poor condition. Phase 2 is to remove and replace the bathroom at Karen Hornaday Park.

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**Commented [RK1]:** This section requires updating. Many of the barriers in existing restrooms have been taken care of since the approval of the facility transition plan adopted in 2019

**Commented [RK2R1]:**

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**Total Project Cost:** 400,000

### Schedule:

202~~3~~1-202~~4~~2: Phase 1 Barrier removal in existing bathrooms \$75,000

202~~4~~3-202~~5~~4: Phase 2 Demo and replace existing bathroom at Karen Hornaday Park \$325,000

**Priority Level:** 1

## Removing Parking and Pavement Accessibility Barriers at City Facilities

**Project Description & Benefit:** Under Title II of the Americans with Disabilities Act (ADA), all State and local governments must be accessible to, and usable by, people with disabilities. The basic principles of the ADA are equal opportunity, integration, and inclusion. From 2017-2019, the City of Homer ADA Compliance Committee and City Staff evaluated City Facilities to identify accessibility barriers. The results were compiled into the City's Transition Plan, in accordance with Title II of the ADA regulations. This project corrects parking and pavement barriers (ADA Priority Level 1 issues) at City facilities to aid the entire community in accessing and participating in programs, services or activities provided by the City of Homer.

ADA regulations standardize the size and number of marked accessible parking spaces in a lot and appropriate signage placed such that it cannot be obscured by a vehicle parked in the space. Accessibility standards also require firm, stable and slip resistant surfaces. Many City of Homer facilities do not meet these standards.

This project will correct the following parking barriers in the vicinity of the Homer Harbor, and at Public Works, Homer Public Library, the Animal Shelter, Baycrest pullout bathroom facility and the Fire Hall:

- Absence of accessible parking;
- Absence of van accessible parking;
- Incorrect dimensions of accessible parking spaces;
- Improperly located signage;
- Accessible parking spaces where water pools and snow melt creates icy conditions that become hazardous in the winter;
- Parking space identified in gravel lots that fail to provide a path of travel to a sidewalk or facilities; and cross slopes that exceed 1:48 ratio on paved lots.

**Plans & Progress:** Public Works Staff assisted the ADA Compliance Committee during the self-evaluation process, and together with Port and Harbor staff helped develop solutions and remedies included in the Transition Plan. City Council approved the Transition Plan in Resolution 19-024. This project proposes to proceed in two phases. ~~The City has completed Phase 1, which is the installation of -is currently being worked on and will be going back out to bid. It includes at least~~ eight paved accessible parking spaces and at least two van accessible spaces in the vicinity of Harbor Ramps 3, 4 and 5 and at public restrooms. ~~The City is also working to -and resolving~~ non-compliant signage and pavement marking. Phase 2 includes resolving non-compliant parking lot cross slopes and non-compliant signage and pavement marking at the remaining city facilities listed above. If not already completed, this project could potentially address cross slope corrections at City Hall (included in a separate CIP project) to take advantage of mobilized paving equipment and crews.

**Total Project Cost:** \$400,000

**Schedule:**

2021-2022: Phase 1 Harbor Accessible Parking, \$50,000

2022-2023: Phase 2 City Facility Parking Lot Cross Slopes & Signage, \$350,000

**Priority Level:** 1

Jan's recommendation – Let's pull this out of the CIP until we develop the cost estimates. Then, we can create a new item – "Consolidated ADA Compliance Program for Parks"

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## Self-Evaluation and Transition Plan for City Parks, Trails & Campgrounds

**Project Description & Benefit:** Under Title II of the Americans with Disabilities Act (ADA), all State and local governments must be accessible to, and usable by, people with disabilities. The basic principles of the ADA are equal opportunity, integration, and inclusion. The City completed a Self-Evaluation of Park Facility, creating is a comprehensive report that outlines the barriers for people with disabilities as they seek to use Homer's parks, local government services and programs. The City is now in the process of developing cost estimates for and evaluating the priorities of remedial work that needs to be done. It is drafted by the state or local government in collaboration with and review by a sample user group of people with disabilities. The City's analysis It includes a transition plan of architectural and administrative barriers to programs that need to be removed in order to make the program accessible. Completion of this project will be a significant step meeting the requirements of Title II of the ADA, by having a full Self-Evaluation and Transition Plan for the City of Homer.

The City's A-completed Self Evaluation and Transition Plan addresses all of Homer's major parks and will serve as a road map for the following objectives will:

- Acknowledging the City's obligation to comply with ADA Title 2 Subpart D- Program Accessibility § 35.149 Discrimination prohibited;
- Meeting the requirement of ADA Title 2 Subpart D- Program Accessibility § 35.150 Existing Facilities, (d) Transition Plan;
- Identifying barriers to be resolved and establish a timeline for completion; and
- bringing the City of Homer closer to its goal of being a Universally Accessible City as identified in Resolution 17-075(A).

**Plans & Progress:** In 2017, the City of Homer ADA Compliance Committee and City Staff began evaluating City facilities to identify accessibility barriers and prepared a Transition Plan, which City Council approved in 2019. The City is in the process of estimated the costs of improvement and prioritizing work. Evaluating and preparing a plan for City Parks, Trails and Campgrounds exceeds the ability and time allowance of City staff and ADA Compliance Committee members. This project entails hiring a consulting firm that specializes in preparing ADA Transition Plans to evaluate City parks, trails and campground facilities for inclusion in the City's Transition Plan.

**Total Project Cost:** \$60,000

**Schedule:** 2021

**Priority Level:** 1



## ADA COMPLIANCE COMMITTEE 2022 Calendar

	AGENDA DEADLINE	MEETING	CITY COUNCIL MEETING FOR REPORT*	ANNUAL TOPICS/EVENTS
<b>FEBRUARY</b>	Wednesday 2/2 5:00 p.m.	Thursday 2/10 4:00 p.m.	Monday 2/14 6:00 p.m.	<ul style="list-style-type: none"> <li>• review and continue work on the draft transition plan for play areas, campgrounds and parks</li> </ul>
<b>APRIL</b>	Wednesday 4/6 5:00 p.m.	Thursday 4/14 4:00 p.m.	Monday 4/25 6:00 p.m.	<ul style="list-style-type: none"> <li>• review of progress on parks, play areas and campgrounds transition plan</li> <li>• work on scheduling site accessibility reviews for city parks</li> </ul>
<b>MAY</b>	Wednesday 5/4 5:00 p.m.	Thursday 5/12 4:00 p.m.	Monday 5/23 6:00 p.m.	<ul style="list-style-type: none"> <li>• This meeting was canceled a site accessibility re-visit was conducted for Fishing Hole &amp; Jack Gist Park May 18th</li> </ul>
<b>JUNE</b>	Wednesday 6/1 5:00 p.m.	Thursday 6/09 4:00 p.m.	Monday 6/13 6:00 p.m.	<ul style="list-style-type: none"> <li>• Continued refinement of parks transition plan</li> <li>• Approve Final Draft of Community Accessibility Survey</li> </ul>
<b>JULY</b>	Wednesday 7/6 5:00 p.m.	Thursday 7/14 4:00 p.m.	Monday 7/25 6:00 p.m.	<ul style="list-style-type: none"> <li>• Continued refinement of parks transition plan</li> </ul>
<b>OCTOBER</b>	Wednesday 10/5 5:00 p.m.	Thursday 10/11 4:00 p.m.	Monday 10/24 6:00 p.m.	<ul style="list-style-type: none"> <li>• Review draft parks transition plan and make any additional amendments</li> <li>• Review Status of Transition Plan for City Facilities progress</li> </ul>
<b>NOVEMBER</b>	Wednesday 11/2 5:00 p.m.	Thursday 11/10 4:00 p.m.	Monday 11/28 6:00 p.m.	<ul style="list-style-type: none"> <li>• review and approve final draft parks transition plan and recommendation to City Council</li> </ul>

\*The advisory body's opportunity to give their report to City Council is scheduled for the Council's regular meeting following the ADACC's regular meeting, under Agenda Item 8 – Announcements/ Presentations/ Borough Report/Commission/Committee Reports.