

# STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

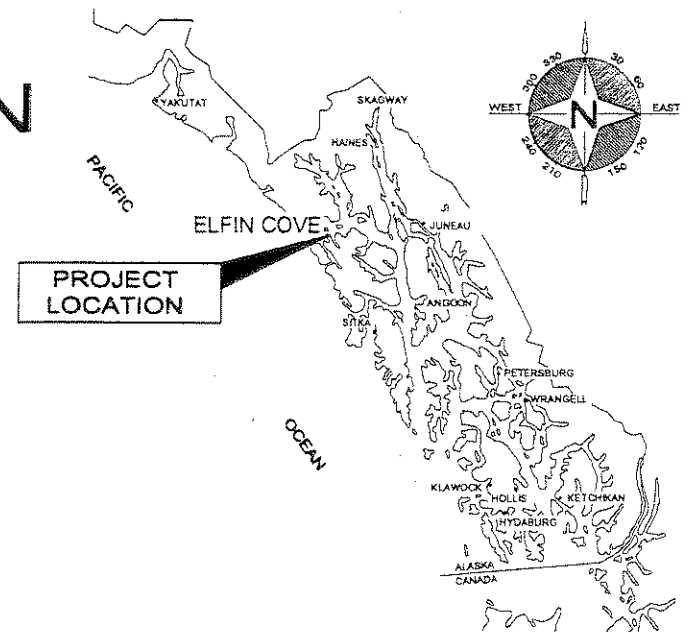
SOUTHEAST REGION

ELFIN COVE, ALASKA

## ELFIN COVE BOARDWALK PHASE II

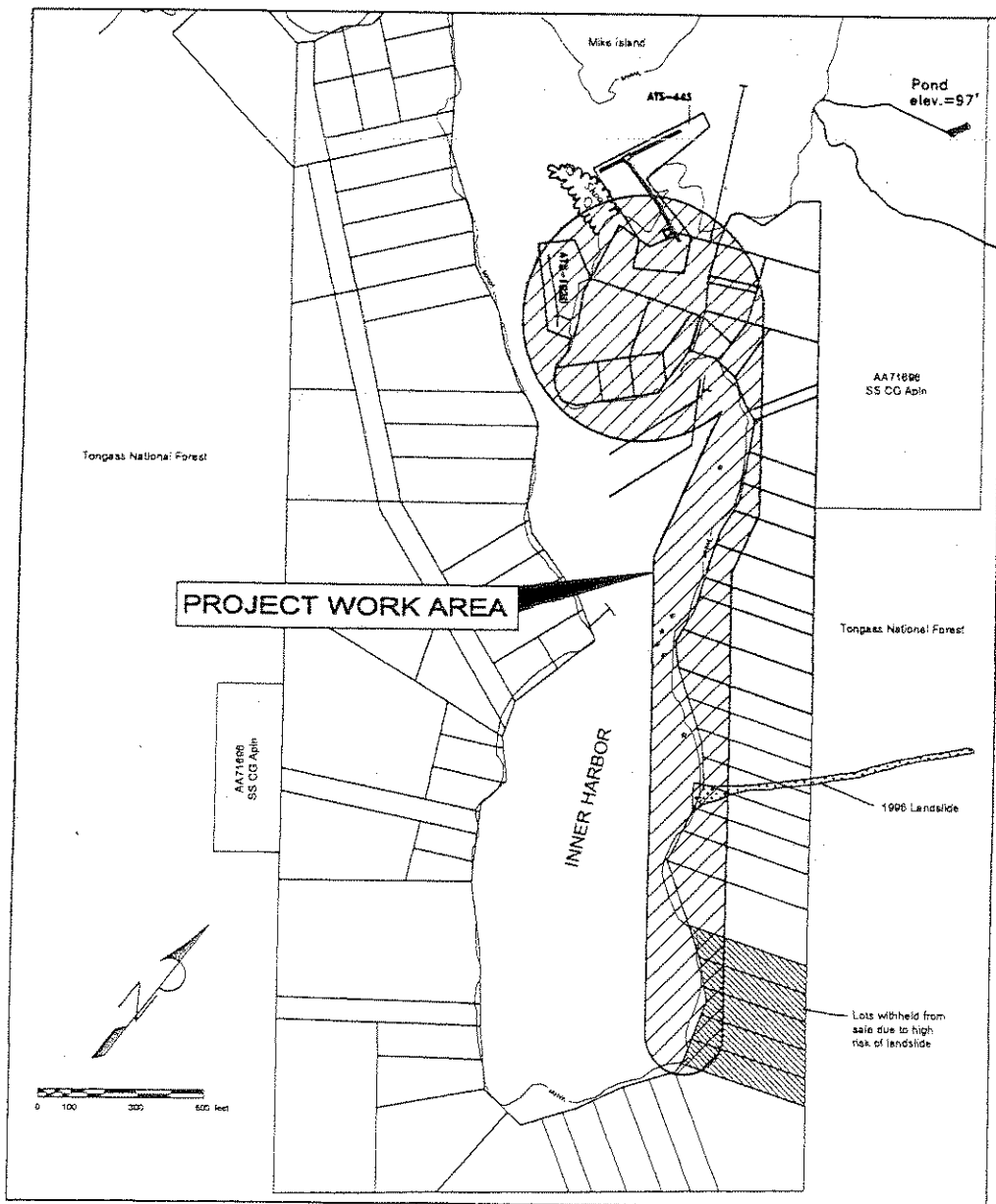
DC-01279-00 ~ 69388

AS BUILT



SOUTHEAST ALASKA REGION

INDEX	
SHEET NO.	DESCRIPTION
A1	TITLE SHEET
C1	ESTIMATE AND SUMMARY OF QUANTITIES
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F2-F3	BOARDWALK PLANS - "B" LINE
M1-M2	MISCELLANEOUS DETAILS
S1	TRAFFIC CONTROL PLAN



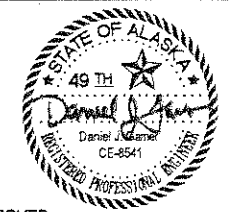
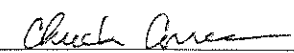
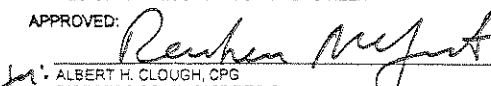

VICINITY MAP

DESIGN DESIGNATION WAIVER WAS SIGNED 9-22-11

### PROJECT SUMMARY

LENGTH OF PROJECT	=	4,332.19 ft. (0.8205 mi.)
"A" LINE	=	1,465.32 ft. (0.28 mi.)
"B" LINE	=	2,866.87 ft. (0.54 mi.)

"AS-Built" Plans  
Contractor: CBC  
Construction, Inc.  
Project Engineer: Todd Fleming  
Begin Construction: May 3, 2012  
End Construction: May 13, 2012

ROUTE:	MILEPOINT:			
PATH: Q:\E\69388\Plans\T\Tshd.dwg Fri, 04/Nov/11 08:10AM dastevens				
PLOT: PSPACE OR MSPACE:	TAB: TSHT			
STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION				
				
APPROVED:	11/4/11			
 CHUCK CORREA, P.E. REGIONAL RECONSTRUCTION ENGINEER				
APPROVED:	11/4/11			
 ALBERT H. CLOUGH, CPG DIRECTOR SOUTHEAST REGION CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:				
 MAURA O'HARA CONSTRUCTION PROJECT MANAGER				
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	DC-01279-00	2011	A1	8

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY
301(2)	AGGREGATE BASE COURSE, GRADING D-1	CUBIC YARD	15
506(5)	STRUCTURAL IMPROVEMENTS	LINEAL FOOT	136
506(6)	FURNISH MATERIALS	LUMP SUM	ALL REQUIRED
506(7)	HANDRAIL REPAIR	LINEAL FOOT	100
506(8)	REPLACE DECKING	SQUARE FOOT	162
637(1)	NON-SKID DECK SURFACING	SQUARE	60
640(1)	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED
640(4)	WORKER MEALS AND LODGING, OR PER DIEM	LUMP SUM	ALL REQUIRED
641(1)	EROSION, SEDIMENT AND POLLUTION CONTROL ADMINISTRATION	LUMP SUM	ALL REQUIRED
641(3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED
641(6)	WITHHOLDING	CONTINGENT SUM	0
671(1)	CONCRETE FOOTINGS	EACH	21

C.O.# 301(2)

15 (301(2))

162

15

ITEM 671(1) CONCRETE FOOTING SUMMARY		
LOCATION	QUANTITY	COMMENTS
OUTER HARBOR	20	17
POST OFFICE	1	4

ITEM 301(2) AGGREGATE BASE COURSE SUMMARY					
LOCATION	L (FT)	W (FT)	DEPTH (IN)	CUBIC YARDS	COMMENTS
PATH (B LINE STA. 12+50)	40	5	8	5	
PATH ALONG OUTER HARBOR	100	4	4	57	
PATH (B LINE STA. 18+00)	50	5	4	3	

Σ = 15 CY

ITEM 506(8) REPLACE DECKING SUMMARY		
LOCATION	SIZE	ESTIMATE OF QUANTITIES
POST OFFICE	3"x12"	NONE SQUARE FEET
DECKING REAR COHO'S	3"x12"	162 SQUARE FEET

ITEM 506(6) FURNISH MATERIALS SUMMARY			
SIZE	EACH LENGTH	OVERALL QUANTITY	COMMENTS
6"x6"	12'	240'	
3"x12"	12'	1200'	
2"x4"	14'	602'	
2"x6"	12'	216'	CEDAR
4"x4"	10'	150'	
ASPHALT SHINGLES	-	600 SQUARES	

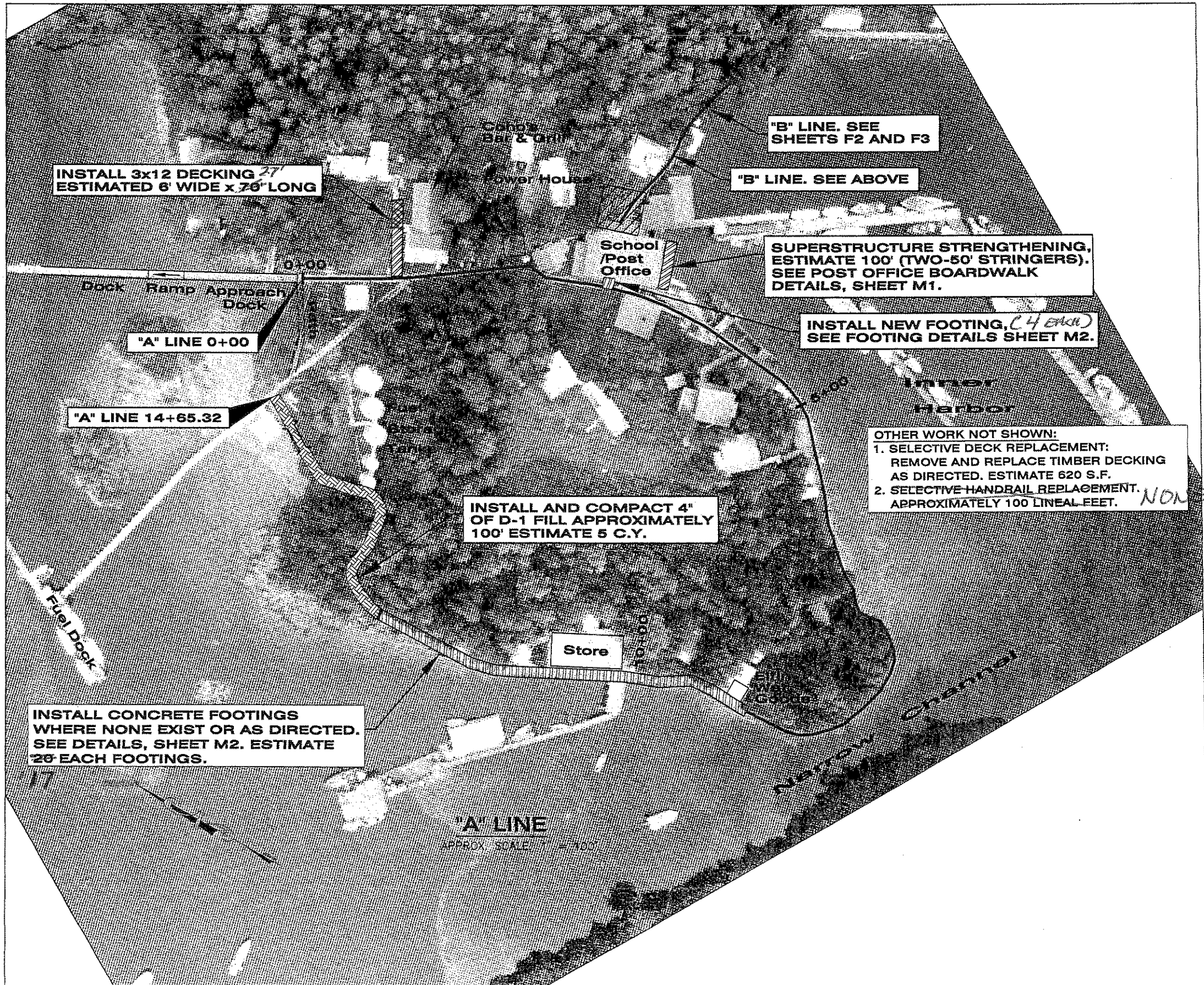
QUANTITY NOTES:  
 1. ALL TIMBER AND ASPHALT SHINGLES FOR NON-SKID DECK SURFACING FOR THIS PROJECT ARE PROVIDED AND PAID FOR UNDER 506(6) FURNISH MATERIALS ITEM.  
 2. FASTENERS, HARDWARE AND OTHER INCIDENTAL MATERIALS ARE NOT QUANTIFIED AND ARE INCIDENTAL TO RESPECTIVE PAY ITEMS.

ITEM 637(1) NON-SKID DECK SURFACING SUMMARY	
STATION	ESTIMATED SQUARES
23+50	15
12+50	15
AS DIRECTED	15 20

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: C. MOREHOUSE	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: L. GEHRING	ELFIN COVE BOARDWALK, PHASE II DC-01279-00 ~ PROJECT NO. 69388
DRAWN BY: D. STEVENS	<b>ESTIMATE AND SUMMARY OF QUANTITIES</b>
PATH: Q:\ELF\69388\PLANSET\EST1.DWG	PROJECT DESIGNATION: DC-01279-00
TAB: MODEL Thursday, November 03, 2011 11:17:27 AM STEVENS, DAVID A (DOT)	YEAR: 2011
REVISIONS	SHEET NO.: C1
NO. DATE DESCRIPTION	TOTAL SHEETS: 8

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date 8-2-12



INSTALL 3x12 DECKING <sup>27'</sup>  
ESTIMATED 6' WIDE x 70' LONG

"B" LINE. SEE SHEETS F2 AND F3

"B" LINE. SEE ABOVE

SUPERSTRUCTURE STRENGTHENING,  
ESTIMATE 100' (TWO-50' STRINGERS).  
SEE POST OFFICE BOARDWALK  
DETAILS, SHEET M1.

INSTALL NEW FOOTING, (4' DIA)  
SEE FOOTING DETAILS SHEET M2.

"A" LINE 0+00

"A" LINE 14+65.32

INSTALL AND COMPACT 4"  
OF D-1 FILL APPROXIMATELY  
100' ESTIMATE 5 C.Y.

OTHER WORK NOT SHOWN:  
1. SELECTIVE DECK REPLACEMENT:  
REMOVE AND REPLACE TIMBER DECKING  
AS DIRECTED. ESTIMATE 620 S.F.  
2. SELECTIVE HANDRAIL REPLACEMENT.  
APPROXIMATELY 100 LINEAL FEET. *NONE*

INSTALL CONCRETE FOOTINGS  
WHERE NONE EXIST OR AS DIRECTED.  
SEE DETAILS, SHEET M2. ESTIMATE  
20' EACH FOOTINGS.

"A" LINE  
APPROX. SCALE 1" = 400'

LEGEND


- EXISTING BOARDWALK
- FOOT BRIDGE

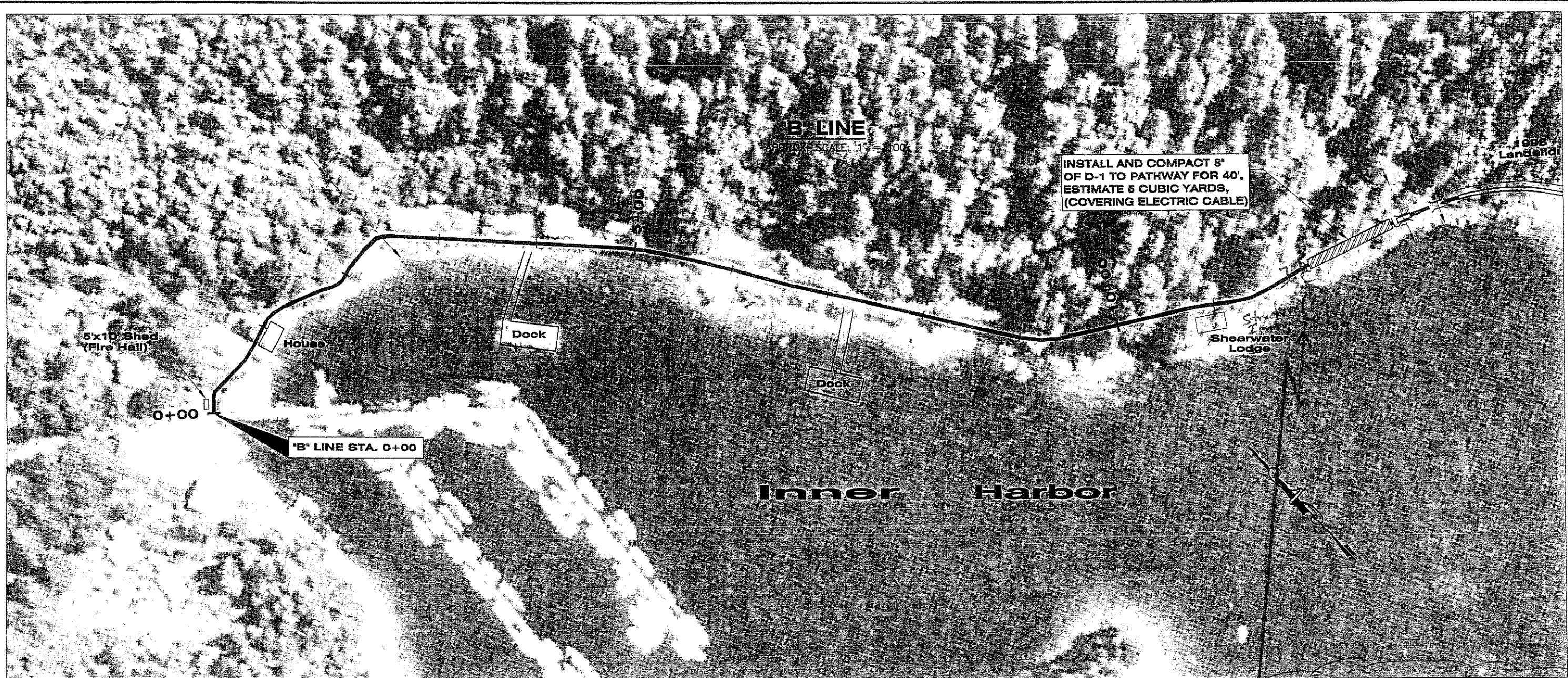
CONSTRUCTION NOTES:

1. THE IMAGE USED ON THIS PLAN SHEET WAS TAKEN FROM AN AERIAL PHOTOGRAPH TAKEN IN 1989. THIS IMAGE UNDERLAY IS BEING USED TO PROVIDE THE CONTRACTOR WITH A REASONABLE DEPICTION OF WHERE THE WORK IS LOCATED IN RELATION TO MAJOR TOPOGRAPHICAL FEATURES AND OTHER IMPROVEMENTS. NO ATTEMPT HAS BEEN MADE TO UPDATE THIS INFORMATION.
2. THE LOCATION OF THE WORK INDICATED IS APPROXIMATE ONLY AND SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO BEGINNING WORK.

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
Proj. Eng. *[Signature]* Date *8-2-12*

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION  <b>ELFIN COVE BOARDWALK,          PHASE II          DC-01279-00 ~ PROJECT NO. 69388</b>  <b>BOARDWALK PLANS          "A" LINE</b>						
DESIGNED BY: D. GARNER DRAWN BY: D. STEVENS	PROJECT DESIGNATION: DC-O1279-00 YEAR: 2011 SHEET NO.: F1 TOTAL SHEETS: 8						
PATH: Q:\ELF\69388\PLANSET\ELFIN-PLAN-2.DWG TAB: F1 Friday, November 04, 2011 8:14:52 AM STEVENS, DAVID A (DOT)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION			
NO.	DATE	DESCRIPTION					



INSTALL AND COMPACT 8' OF D-1 TO PATHWAY FOR 40', ESTIMATE 5 CUBIC YARDS, (COVERING ELECTRIC CABLE)

**'B' LINE**  
APPROX. SCALE: 1" = 100'

5x10 Shed (Fire Hall)

House

Dock

Dock

Shearwater Lodge

1998 Landfill

0+00





'B' LINE STA. 0+00

5+00

10+00

**Inner Harbor**

**LEGEND**

-  WORK ZONES
-  BOARDWALK
-  FOOTBRIDGE
-  STREAM

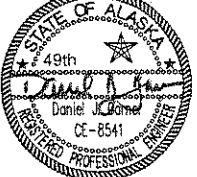
**CONSTRUCTION NOTES:**

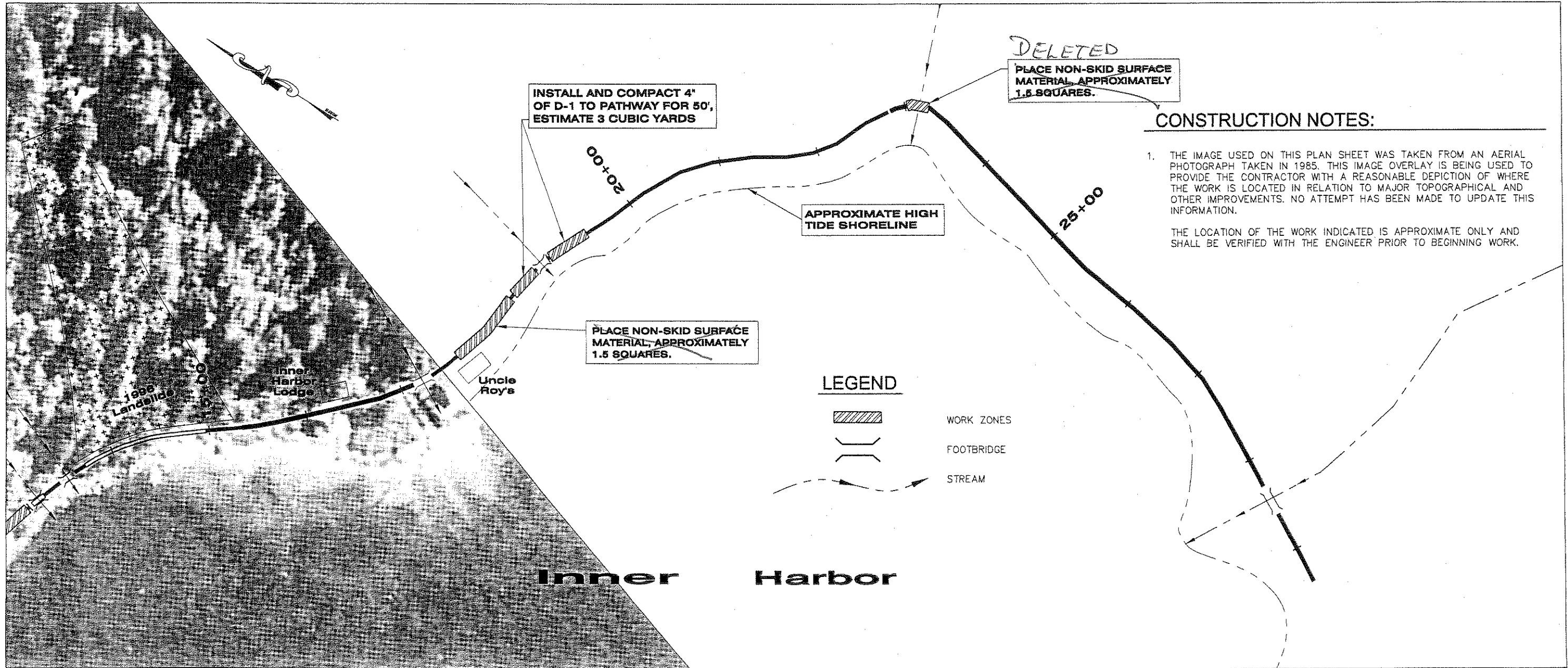
1. THE IMAGE USED ON THIS PLAN SHEET WAS TAKEN FROM AN AERIAL PHOTOGRAPH TAKEN IN 1985. THIS IMAGE OVERLAY IS BEING USED TO PROVIDE THE CONTRACTOR WITH A REASONABLE DEPICTION OF WHERE THE WORK IS LOCATED IN RELATION TO MAJOR TOPOGRAPHICAL AND OTHER IMPROVEMENTS. NO ATTEMPT HAS BEEN MADE TO UPDATE THIS INFORMATION.
2. THE LOCATION OF THE WORK INDICATED IS APPROXIMATE ONLY AND SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO BEGINNING WORK.

*Sta. 12+00(±) - Structural Improvements @ SINKING BOARDWALK*

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *8-2-12*

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CHECKED BY: C. MOREHOUSE		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION			
		ELFIN COVE BOARDWALK, PHASE II DC-01279-00 ~ PROJECT NO. 69388			
		<b>BOARDWALK PLANS "B" LINE</b>			
DESIGNED BY: D. GARNER	DRAWN BY: D. STEVENS	STEVENS, DAVID A (DOT)			
PATH: Q:\ELF69388\PLANSET\ELFIN-PLAN-1.DWG		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
TAB: F2 Friday, November 04, 2011 8:19:09 AM		DC-01279-00	2011	F2	8
NO.	DATE	DESCRIPTION			



**CONSTRUCTION NOTES:**


1. THE IMAGE USED ON THIS PLAN SHEET WAS TAKEN FROM AN AERIAL PHOTOGRAPH TAKEN IN 1985. THIS IMAGE OVERLAY IS BEING USED TO PROVIDE THE CONTRACTOR WITH A REASONABLE DEPICTION OF WHERE THE WORK IS LOCATED IN RELATION TO MAJOR TOPOGRAPHICAL AND OTHER IMPROVEMENTS. NO ATTEMPT HAS BEEN MADE TO UPDATE THIS INFORMATION.  
  
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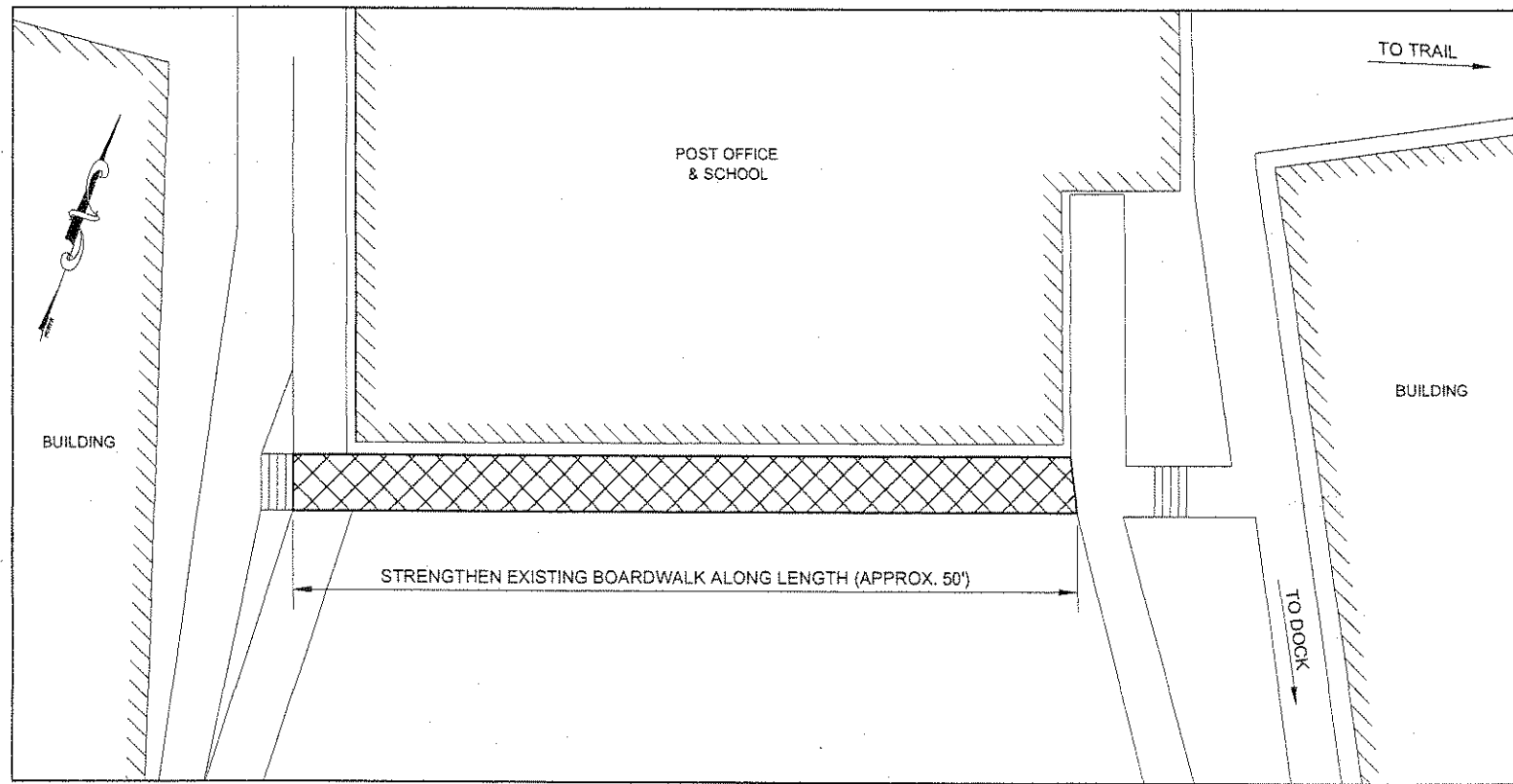
**LEGEND**

-  WORK ZONES
-  FOOTBRIDGE
-  STREAM

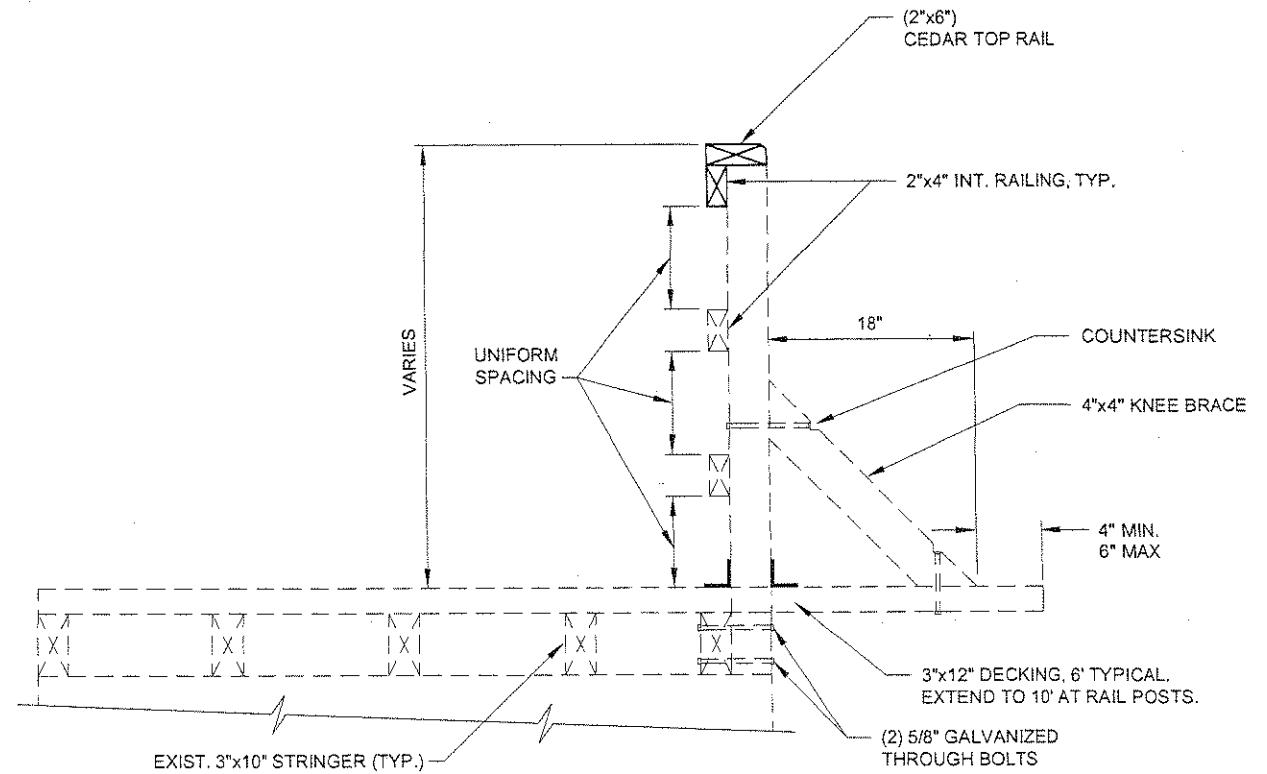
Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date *8-2-12*

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CHECKED BY: C. MOREHOUSE    DESIGNED BY: D. GARNER DRAWN BY: D. STEVENS PATH: Q:\ELF\69388\PLANSET\ELFIN-PLAN-1.DWG TAB: F3 Friday, November 04, 2011 8:17:15 AM STEVENS, DAVID A (DOT)	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION  <b>ELFIN COVE BOARDWALK,          PHASE II</b> DC-01279-00 ~ PROJECT NO. 69388  <b>BOARDWALK PLANS          "B" LINE</b>																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">REVISIONS</th> <th>PROJECT DESIGNATION</th> <th>YEAR</th> <th>SHEET NO.</th> <th>TOTAL SHEETS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	NO.	DATE	DESCRIPTION										<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">DC-01279-00</td> <td style="width: 10%;">2011</td> <td style="width: 10%;">F3</td> <td style="width: 10%;">8</td> </tr> </table>	DC-01279-00	2011	F3	8
REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS																		
NO.	DATE	DESCRIPTION																					
DC-01279-00	2011	F3	8																				



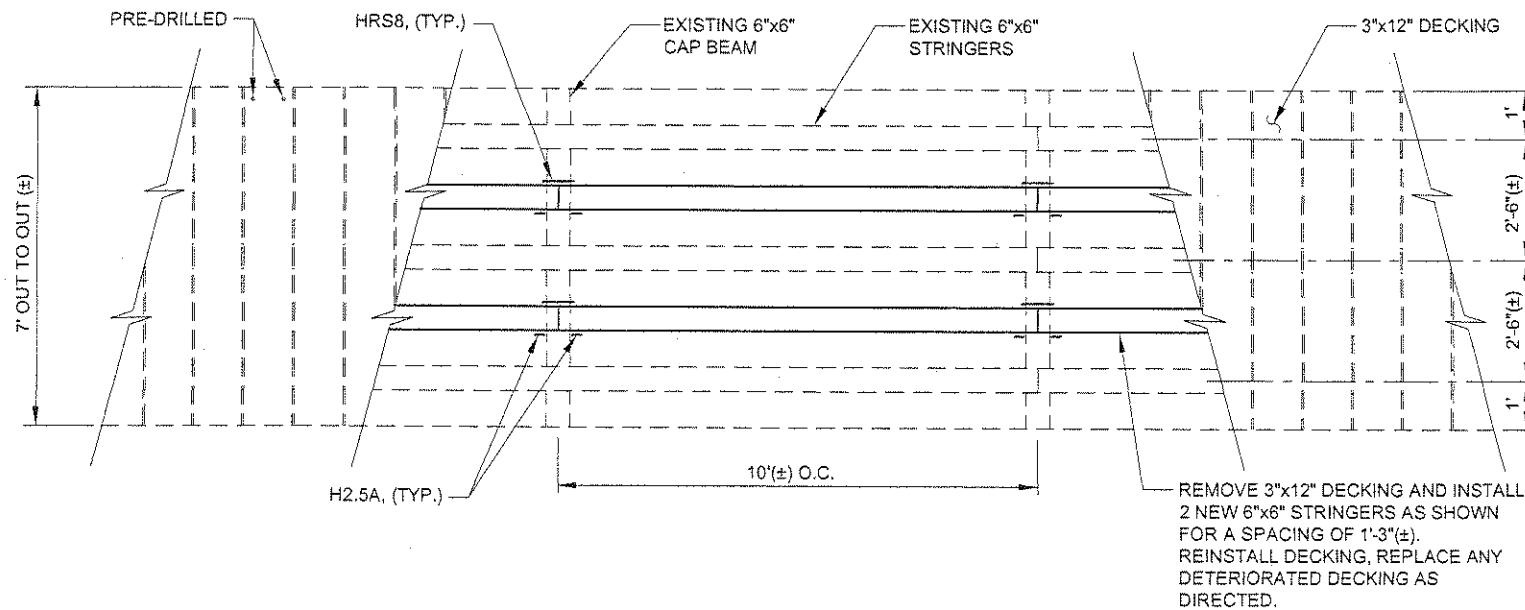
**POST OFFICE BOARDWALK VICINITY PLAN**  
INNER HARBOR DOCK AREA



**HANDRAIL DETAIL**  
APPLIES THROUGHOUT

**CONSTRUCTION NOTES:**

1. RAILING SHALL CONFORM TO EXISTING CONSTRUCTION.
2. REPLACE TOP RAIL, INTERMEDIATE RAILING, AND POST AS DIRECTED BY THE ENGINEER.

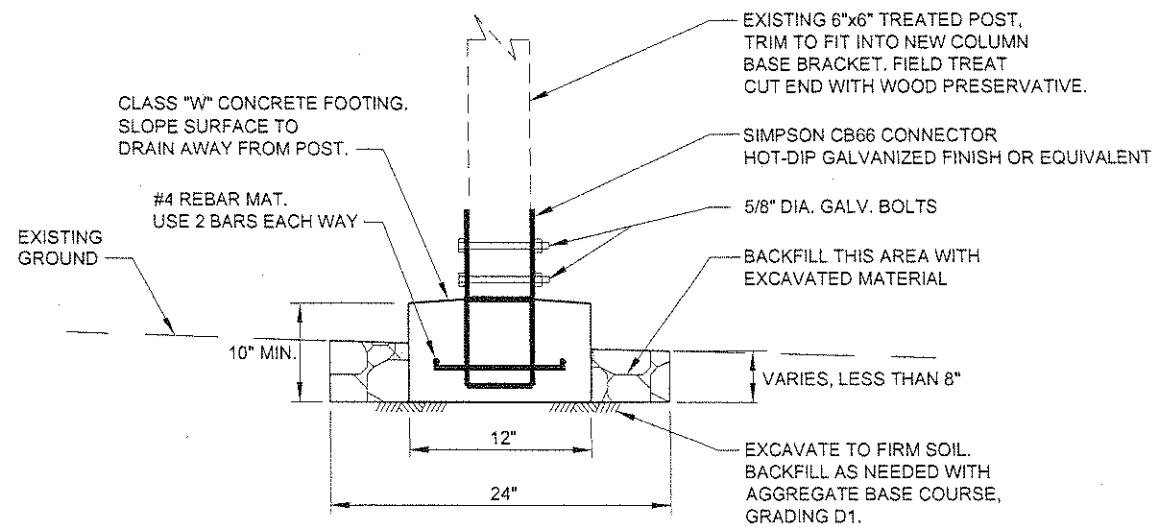


**POST OFFICE BOARDWALK PLAN**

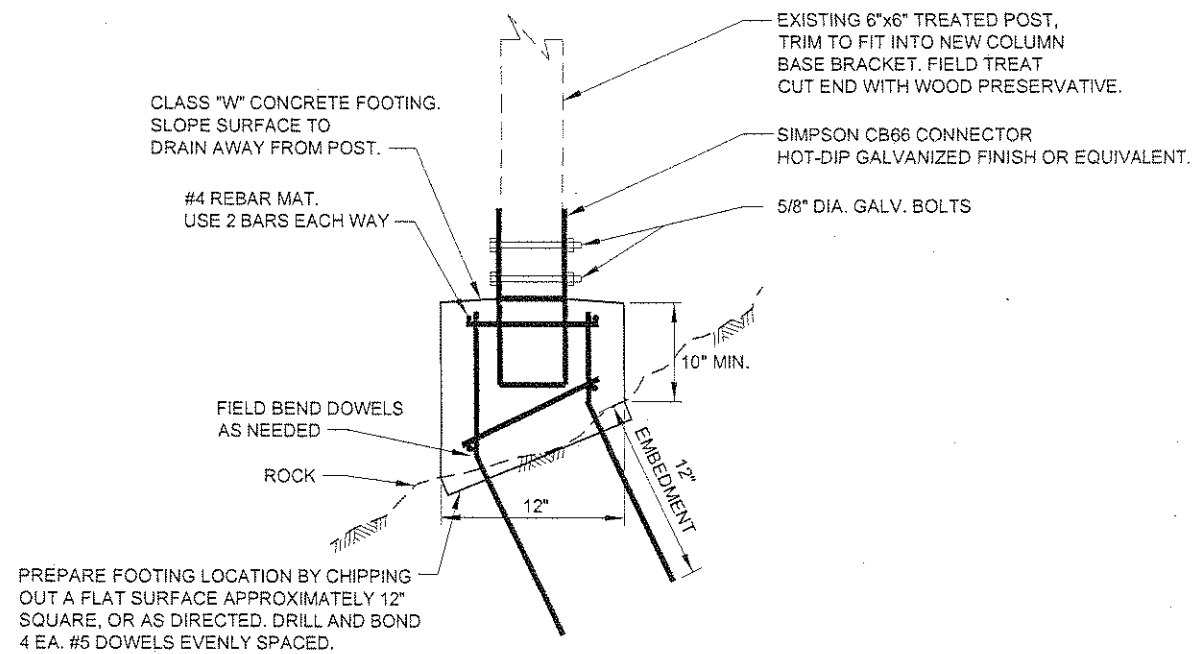
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Proj. Eng. *[Signature]* Date *8-2-12*

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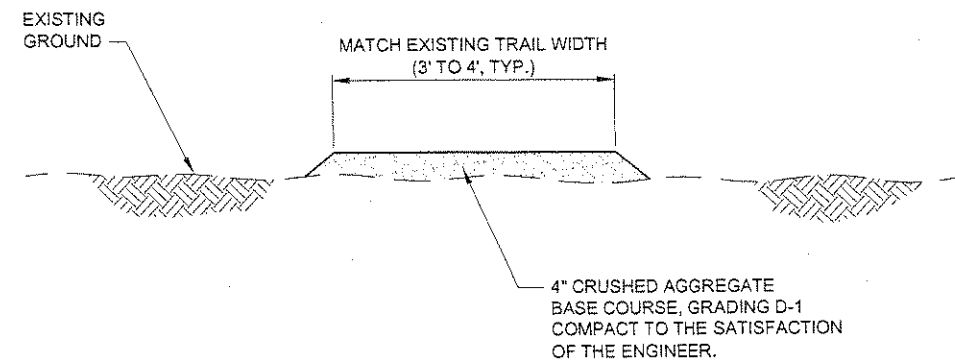
CHECKED BY: C. MOREHOUSE	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: L. GEHRING	ELFIN COVE BOARDWALK, PHASE II DC-01279-00 ~ PROJECT NO. 69388
DRAWN BY: D. STEVENS	<b>MISCELLANEOUS DETAILS</b>
PATH: Q:\ELF\69388\PLANS\TM1.DWG	DESIGNED BY: L. GEHRING
TAB: MODEL Thursday, November 03, 2011 10:03:45 AM STEVENS, DAVID A (DOT)	DRAWN BY: D. STEVENS
REVISIONS	PROJECT DESIGNATION
NO. DATE DESCRIPTION	DC-01279-00
	YEAR
	2011
	SHEET NO.
	M1
	TOTAL SHEETS
	8



**CONCRETE FOOTING IN SOIL**

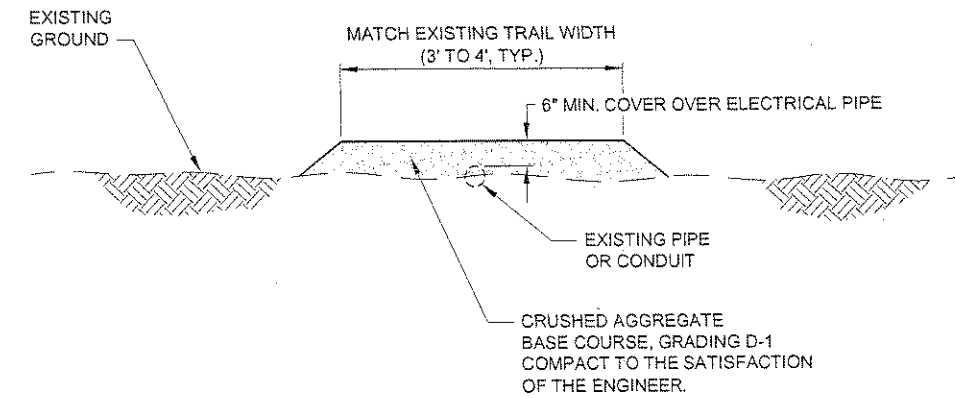


**CONCRETE FOOTING ON SLOPING ROCK**



**AGGREGATE SURFACING DETAIL**


FOR SHEET F1 PATH WORK



**AGGREGATE SURFACING DETAIL**

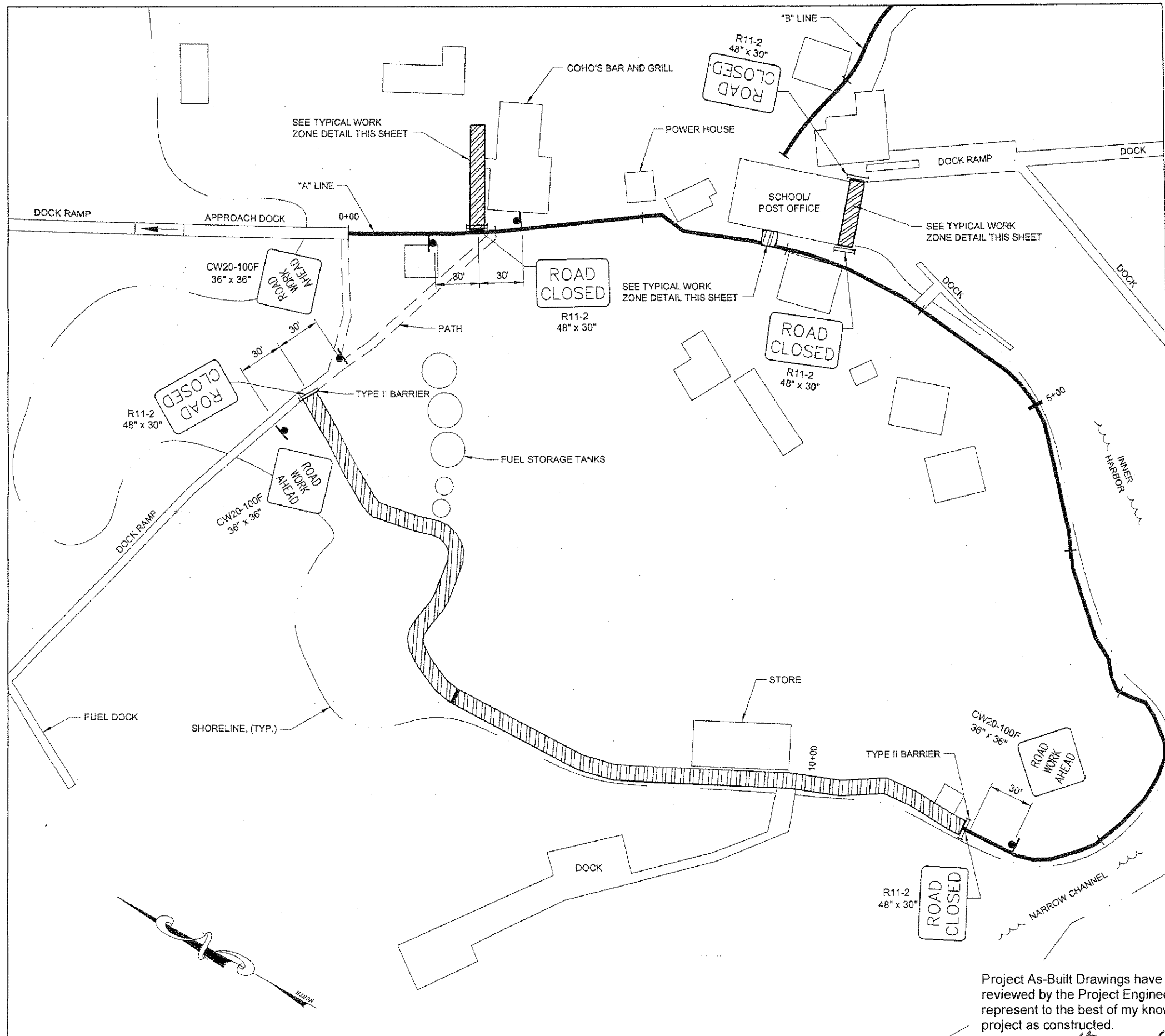
FOR SHEET F2 PATH WORK

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CHECKED BY: C. MOREHOUSE		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION				
		<b>ELFIN COVE BOARDWALK, PHASE II</b> DC-01279-00 ~ PROJECT NO. 69388				
		<b>MISCELLANEOUS DETAILS</b>				
DESIGNED BY: L. GEHRING	DRAWN BY: D. STEVENS					
PATH: Q:\ELF160388\PLANS\ETM2.DWG						
TAB: MODEL Tuesday, October 25, 2011 2:33:25 PM		STEVENS, DAVID A (DOT)				
REVISIONS		PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	
NO.	DATE	DESCRIPTION	DC-01279-00	2011	M2	8

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.

Proj. Eng. *#* Date *8-2-12*

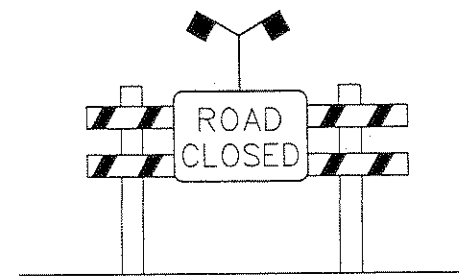


**CONSTRUCTION NOTES:**

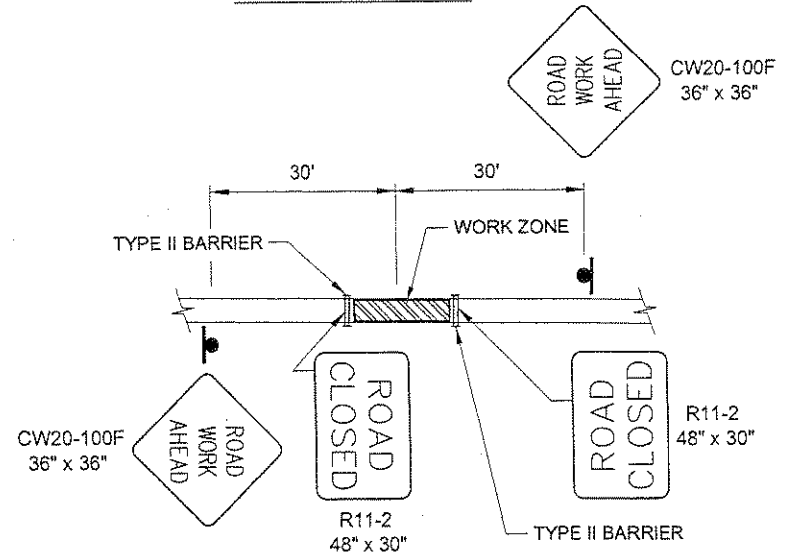
1. ACCESS WILL BE PROVIDED BY TRAIL FOR HOMEOWNERS AND BUSINESSES AT ALL TIMES.
2. WORK ZONE ACTIVITIES SHALL BE PHASED TO LIMIT IMPACTS ON PUBLIC.

**LEGEND**

- WORK ZONES
- TYPE II BARRIER



**TYPE II BARRIER**



**TYPICAL WORK ZONE DETAIL**

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: D. EPSTEIN 		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: C. MOREHOUSE DRAWN BY: D. STEVENS		<b>ELFIN COVE BOARDWALK,          PHASE II          DC-01279-00 ~ PROJECT NO. 69388</b>	
PATH: Q:\ELF\69388\PLANS\TOP.DWG TAB: S1 Monday, October 24, 2011 7:45:41 AM		<b>TRAFFIC CONTROL PLAN</b>	
REVISIONS NO. DATE DESCRIPTION		PROJECT DESIGNATION DC-01279-00	YEAR 2011
		SHEET NO. S1	TOTAL SHEETS 8

Project As-Built Drawings have been reviewed by the Project Engineer and represent to the best of my knowledge, the project as constructed.  
 Proj. Eng. *[Signature]* Date 8-2-12