Agency: Commerce, Community and Economic Development

Grants to Municipalities (AS 37.05.315)

Grant Recipient: Port Lions **Federal Tax ID:** 92-0035153

Project Title: **Project Type:** New Construction and Land Acquisition

Port Lions - City Dock and Ferry Terminal Replacement

State Funding Requested: $7,000,000 **House District:** 36 / R

One-Time Need

Brief Project Description:

Replace the current failing dock structure with a rubble mound couseway approach and a 210 foot sheet pile dock face.

Funding Plan:

Total Project Cost:	$16,000,000
Funding Already Secured:	($9,000,000)
FY2013 State Funding Request:	($7,000,000)
Project Deficit:	$0

Funding Details:

2010 State of Alaska Legislative Appropriation

$1,000,000.00

2011 state of Alaska Legislative Appropriation

$9,000,000.00

Detailed Project Description and Justification:

This project is on the fast track to construction. The replacement of our community deep water dock and the Port Lions ferry terminal has been a community priority for many years. Thanks to the Alaska State Legislature, and Governor Parnell, this project is well underway. The City Council of Port Lions and the Native Village of Port Lions have joined together to make this project a reality. Other partners in this project include Koniag, Inc, and Afognak Native Corporation.

Our joint effort has enabled us to team with Koniag, Inc. and thier subsidiary company,"Angayuk Construction Enterprises" or "ACE". Through ACE, we have entered into a Design Build Phase I contract. Partners in this process are Pacific Pile & Marine and PND Engineers. To date, we are just completing the 30% design, and have identified a design which will meet the communities needs. The Alaska Marine Highway has been included in this process from the beginning. As we have worked through getting to this milestone of a preliminary design, we have become aware of what this project will actually cost.

The Alaska Marine Highway needs a minimum of a 210 foot dock face in order for the Tustumena to tie up here. Our dock committee had been working to keep this project within the amount of $9,000,000.00, but as the design process has unfolded and all users have weighed in on the preliminary design, it has become clear that more funds need to be secured in order to complete the project and make it work for everyone. The Tustumena has periodic maintenance periods and the only other elevator equipped ship that we have to provide service to this entire region is the Kennicott. This new dock will last longer than the remaining life of the Tustumena. (a 48 year old ship), and a Tustumena replacement has not yet been identified or designed. Therefore, design specs have been developed to accommodate the Kennicott, and can also be

Contact Name: Astrid
Contact Number: 465-3271

For use by Co-chair Staff Only:

$3,000,000 Approved

3:16 PM 5/2/2012

phased according to funding availability.

It is important to note that the design includes a rubble mound approach to the dock face which will be made up of large armour rock, shot rock, and riprap rock. This rock will all come from the Shakmanof Rock Quarry site which Koniag, Inc is currently developing. This quarry is less than 10 miles away from our project site. The project will receive the rock at cost or less.

I have attached the current preliminary 30% design and Rough Order of Magnitude pricing. Also important to note is that we have identified that the rubble mound approach will be built over an existing reef in order to minimize the amount of fill needed to reach water deep enough for accommodating the Alaska Marine Highway vessel "Tustumena". The project is ready to enter into a Phase II contract, which will include a design to 100%, permitting, final costs, and some preliminary quarry material staging in Port Lions. We expect this effort to be completed by the early fall of 2012, with potential construction by Spring/Summer of 2013. The community is now asking the legislature to continue to invest in our vital port infrastructure project to bring it to completion.

This project will include provision of fuel delivery, utilities including water and electric, and demolition of the exisiting dock.

Project Timeline:

February 2012 to September 2012- Permitting/100% Design/ Final Costs
September 2012 to April 2013- purchase materials/stage rock/prepare site
Summer 2013 to Spring of 2014- Construction

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

The City of Port Lions

Grant Recipient Contact Information:

Name:	Kathryn Adkins
Title:	Grants Coordinator
Address:	207 Spruce Drive
	Port Lions, Alaska 99550
Phone Number:	(907)454-2332
Email:	kathryn@arctic.net

Has this project been through a public review process at the local level and is it a community priority? [X] Yes [ ] No

Contact Name: Astrid
Contact Number: 465-3271

For use by Co-chair Staff Only:

3:16 PM 5/2/2012

CITY OF PORT LIONS
RESOLUTION # 12-1-R

A RESOLUTION OF THE CITY OF PORT LIONS REVISING THE CAPITAL IMPROVEMENT PROJECT LIST FOR THE FISCAL YEAR 2012

WHEREAS, a Capital Improvement Project List has been prepared by the City of Port Lions for the fiscal year 2012, and

WHEREAS, at the Regular City Council meeting held October 13, 2011, the Port Lions City Council adopted a Capital Improvement Project List for FY 2012; and

NOW THEREFORE BE IT RESOLVED that the document entitled "City of Port Lions Capital Improvement Program" for the year 2012 is hereby REVISED as follows:

	ORIGINAL	AMENDED
1. Public Ferry Dock Facility	$ 2,000,000.00	$3,500,000.00
2. Small Boat Harbor Stub Breakwater and Inner Harbor Replacement Project, Phase II	$ 4,000,000.00	$6,000,000.00
3. Water Reservoir Repair/Replacement	$ 2,000,000.00	Remains the Same
4. City Maintenance Building Replacement	$ 200,000.00	Remains the Same
5. Heavy Equipment	$ 250,000.00	Remains the Same
6. Native Village of Port Lions Building	$ 7,000,000.00	Remains the Same
7. New Subdivision Development	$ 800,000.00	Remains the Same
8. Harbor Water Main	$ 1,000,000.00	Remains the Same
9. Rock Screen and Conveyor	$ 100,000.00	Remains the Same
10. Municipal Building Repair	$ 75,000.00	Remains the Same
11. Roads Upgrade	$ 1,200,000.00	Remains the Same

BE IT FURTHER RESOLVED that the Mayor is hereby instructed to advise the Governor, Legislature, Borough and appropriate State Agencies of the Capital Improvement Project List Adopted by the Port Lions City Council.

This Resolution becomes effective upon its adoption by a duly constituted quorum of the Port Lions City Council.

Passed and Unanimously approved by Motion # 5 of the Port Lions City Council this 12 day of January, 2012.

Mayor, City of Port Lions

ATTEST: Acting City Clerk

RESOLUTION # 11-11-R

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PORT LIONS, ALASKA FOR THE PURPOSE OF ENTERING INTO A DESIGN/ BUILD CONSTRUCTION CONTRACT WITH ANGAYUK CONSTRUCTION ENTERPRISES, A SUBSIDIARY OF KONIAG, INC.
TO REPLACE THE PORT LIONS CITY DOCK AND FERRY TERMINAL

WHEREAS; the City of Port Lions has been awarded a Designated Legislative Grant totaling Nine Million Dollars from the Alaska State Legislature for the purpose of replacing the Port Lions City Dock and Ferry Terminal, and

WHEREAS; the timeline in replacing the City Dock and Ferry Terminal is of the essence due to the poor condition of the facility and the Port Lions City Council has a fiduciary responsibility to our community, and

WHEREAS; the City's partner in this project Koniag, Inc. is presently developing a Rock Quarry located approximately 10 miles away from the City Dock in Shakmanof Cove using their subsidiary construction company Angayuk Construction Enterprises., and

WHEREAS; Koniag, Inc. has donated the royalty value of the rock material needed for this project from a source located in Port Lions as well as from the Shakmanof Cove Rock Quarry, and

WHEREAS; the Shakmanof Cove Site is project driven and the consistency of this material source is expected to be of a quality sufficient to meet US Army Corps of Engineers Specifications for rock material projects such as the Replacement of the City Dock, and

WHEREAS; the Partnership to develop these critically important projects between the City of Port Lions and Koniag, Inc. is vital to the greater Kodiak Area and to the Community of Port Lions and will create economic opportunities for Koniag Shareholders as well as for Local Hire in Port Lions.

NOW THEREFORE BE IT RESOLVED: that the Port Lions City Council intends to enter into a Design /Build Construction Contract with Angayuk Construction Enterprises, and it is expedient, financially responsible, and in the best interest of the community for the City of Port Lions to take advantage of this partnership and to strive to develop both projects jointly in order to save time and money.

THIS RESOLUTION BECOMES EFFECTIVE UPON THE ADOPTION BY A DULY CONSTITUTED QUORUM OF THE CITY COUNCIL OF THE CITY OF PORT LIONS, ALASKA.

Date of Adoption: September 6, 2011

Steve Andresen
Steve Andresen
Mayor, City of Port Lions

Kathryn E Adkins
ATTEST: Kathryn Adkins, Acting City Clerk

PORT LIONS BULKHEAD
CONSTRUCTION COST ESTIMATE
OPTION 2C (1.2)

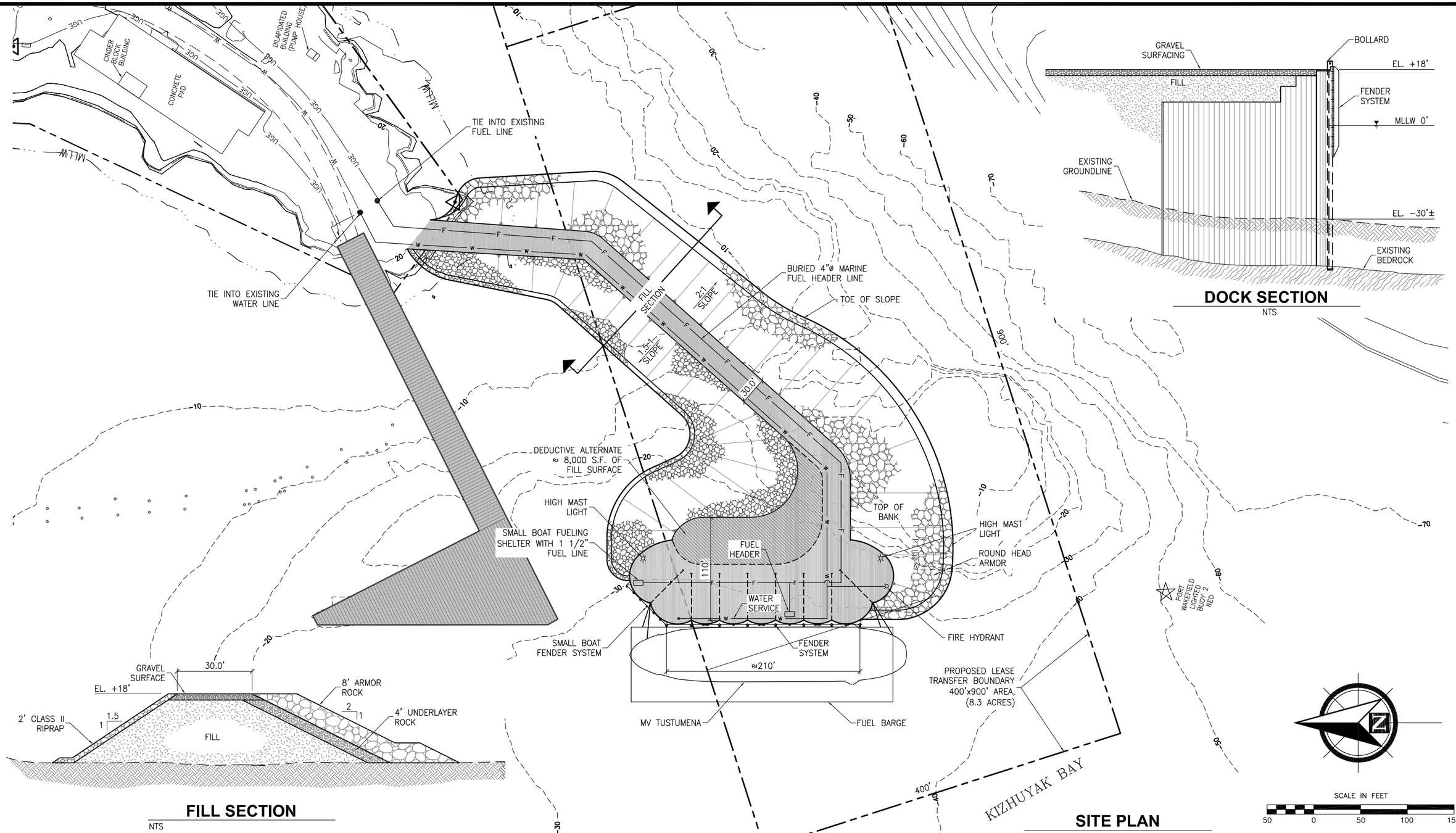
2/4/2012
PND Proj. #111120

Item	Description	Unit	Quantity	Unit Price	Amount
PORT LIONS SCOPE OF WORK					
1	***SITE MOBILIZATION AND DEMOBILIZATION***				
	Mob & Demob	LS	All Req'd	$927,630	$927,630
				SITE MOBILIZATION AND DEMOBILIZATION SUBTOTAL =	**$927,630**
2	***SHEET PILE CONSTRUCTION (Bulkhead)***				
	Sheet Piles	TONS	800	$3,941	$3,153,000
	Bollard	EA	2	$12,201	$24,000
	Heavy Fender Pile with Bollard	EA	8	$32,034	$256,000
	Light Fender Pile	EA	16	$8,800	$141,000
	Bull Rail and Steel Decking	LF	269	$1,573	$423,000
	Removable Bull Rail	EA	1	$6,600	$7,000
	Ladder	EA	5	$11,773	$59,000
	Life Ring and Fire Extinguisher Cabinet	EA	2	$3,451	$7,000
	Cathodic Protection	LS	All Req'd	$29,553	$30,000
				SHEET PILE CONSTRUCTION SUBTOTAL =	**$4,100,000**
3	***SITE WORK / CIVIL***				
	Shot Rock Fill (delivered) (1.62 ton/CY)	CY	90,800	$12	$1,099,000
	Shot Rock Fill (unloaded/placed)	CY	90,800	$8	$699,000
	Leveling Course	CY	1,800	$52	$93,000
	East - Primary Armor Rock (delivered) (1.38 ton/CY)	CY	16,500	$79	$1,307,000
	East - Primary Armor Rock (unloaded/placed)	CY	16,500	$42	$690,000
	East - Secondary Armor Rock (delivered) (1.53 ton/CY)	CY	7,200	$79	$570,000
	East - Secondary Armor Rock (unload/placed)	CY	7,200	$31	$222,000
	West - Riprap Class II (delivered) (1.53 ton/CY)	CY	2,900	$35	$102,000
	West - Riprap Class II (unloaded/placed)	CY	2,900	$42	$121,000
	Gate	EA	1	$17,056	$17,000
	High Mast Light Foundation	EA	2	$50,050	$100,000
				SITE WORK / CIVIL SUBTOTAL =	**$5,020,000**
4	***SITE UTILITIES AND EQUIPMENT***				
	Fuel Line	LS	All Req'd	$236,500	$236,500
	Fuel Header Building	LS	All Req'd	$33,000	$33,000
	Site Lighting and Electrical	LS	All Req'd	$385,000	$385,000
	Water Service	LS	All Req'd	$136,400	$136,400
				SITE UTILITIES AND EQUIPMENT SUBTOTAL =	**$791,000**
5	***DEDUCTIVE ALTERNATE***				
	Shot Rock Fill	CY	(9,655)	$20	($191,000)
	Leveling Course	CY	(345)	$52	($18,000)
	Riprap Class II	CY	170	$77	$13,000
				DEDUCTIVE ALTERNATE SUBTOTAL =	**($196,000)**
6	***ADDITIVE ALTERNATES***				
	ALTERNATE 1 - REMOVE EXISTING DOCK				
	Dock Demolition	SF	27,068	$10	$280,000
	ALTERNATE 2 - BREASTING DOLPHIN				
	Breasting Dolphin	LS	All Req'd	$600,000	$600,000
	Catwalk	LF	80	$500	$40,000
	ALTERNATE 3 - MOORING DOLPHIN				
	Mooring Dolphin	EA	1	$550,000	$550,000
	Catwalk	LF	80	$500	$40,000
				ADDITIVE ALTERNATES SUBTOTAL =	**$1,510,000**

PHASE I ROM CONSTRUCTION COST with DEDUCTIVE ALTERNATE =	**$10,642,630**
PHASE I ROM CONSTRUCTION COST =	**$10,838,630**
PHASE II ROM CONSTRUCTION COST ALL ALTERNATES =	**$12,348,630**

7	***PERMITTING, ENGINEERING AND CONSTRUCTION SUPPORT***				
	Mitigation Fee	LS	All Req'd	$100,000.00	$100,000
	Construction Inspection	LS	All Req'd	$342,000.00	$342,000
	Permitting	LS	All Req'd	$25,000.00	$25,000
	Tidelands Lease	LS	All Req'd	$75,000.00	$75,000
	Geotechnical	LS	All Req'd	$300,000.00	$300,000
	Design	LS	All Req'd	$413,000.00	$413,000
				PERMITTING, ENGINEERING AND CONSTRUCTION SUPPORT SUBTOTAL =	**$1,255,000**

ROM PROJECT COST (PHASE I with DEDUCTIVE ALT) =	**$11,897,630**
ROM PROJECT COST (PHASE I & II with DEDUCTIVE ALT) =	**$13,407,630**



PND Engineers, Inc. (PND) is not responsible for safety programs, methods or procedures of operation, or the construction of the design shown on these drawings. Where specifications are general or not called out, the specifications shall conform to standards of industry. Drawings are for use on this project only and are not intended for reuse without written approval from PND. Drawings are also not to be used in any manner that would constitute a detriment directly or indirectly to PND.

REV	DATE	DESCRIPTION

DATE: _____

1506 West 36th Avenue
Anchorage, Alaska 99503
Phone: 907.561.1011
Fax: 907.563.4220
www.pndengineers.com

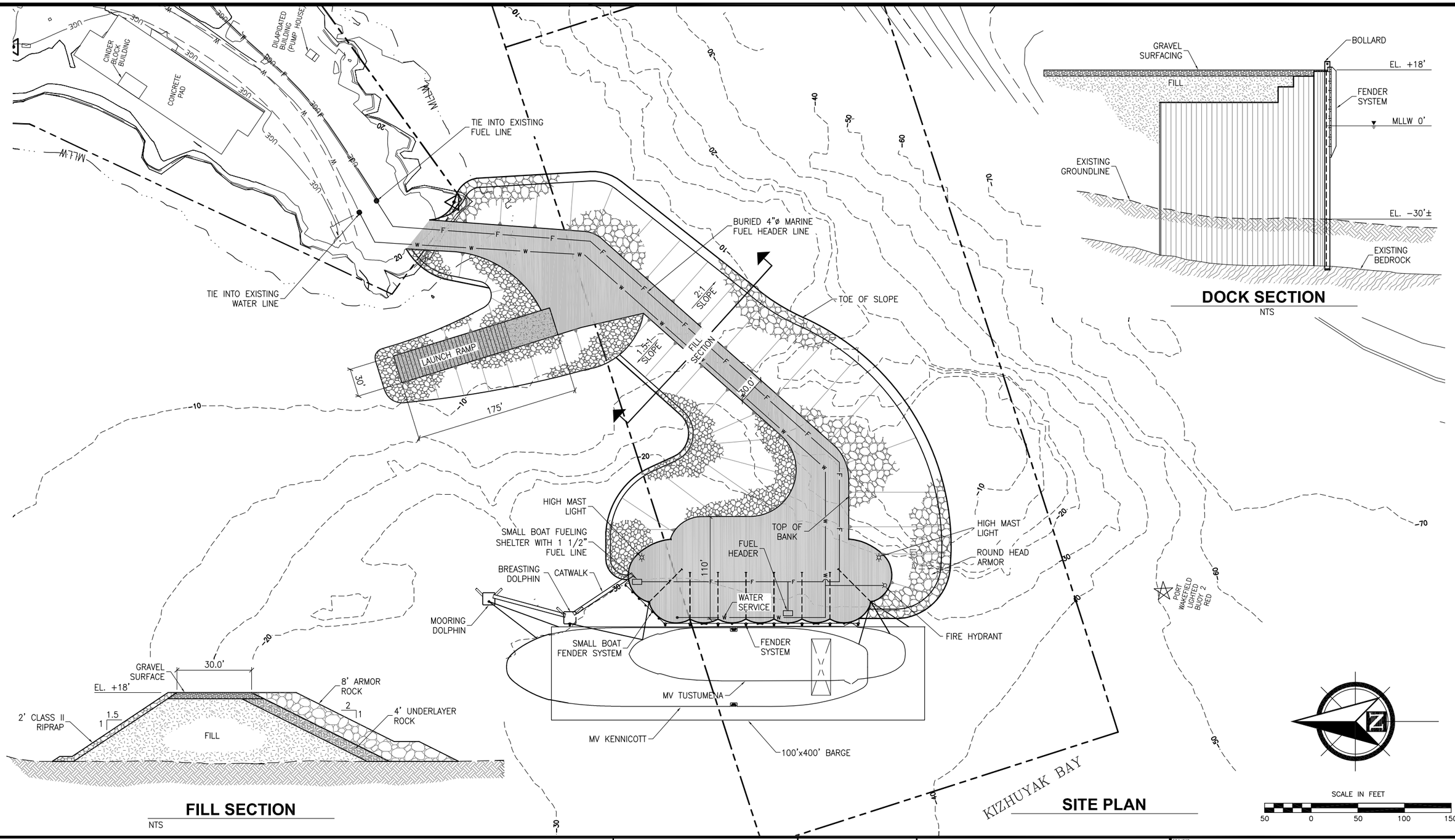
PND ENGINEERS, INC.

PROJECT:
PORT LIONS DOCK

TITLE:
CONCEPT 2C (1.2) PHASE I

DESIGNED BY:	SL	DATE:	DEC. 2011
CHECKED BY:	DTK	PROJECT NO:	111120

SHEET NO: 1 OF 3



FILL SECTION
NTS

SITE PLAN

DOCK SECTION
NTS

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REV	DATE	DESCRIPTION

DATE: _____

1506 West 36th Avenue
Anchorage, Alaska 99503
Phone: 907.561.1011
Fax: 907.563.4220
www.pndengineers.com

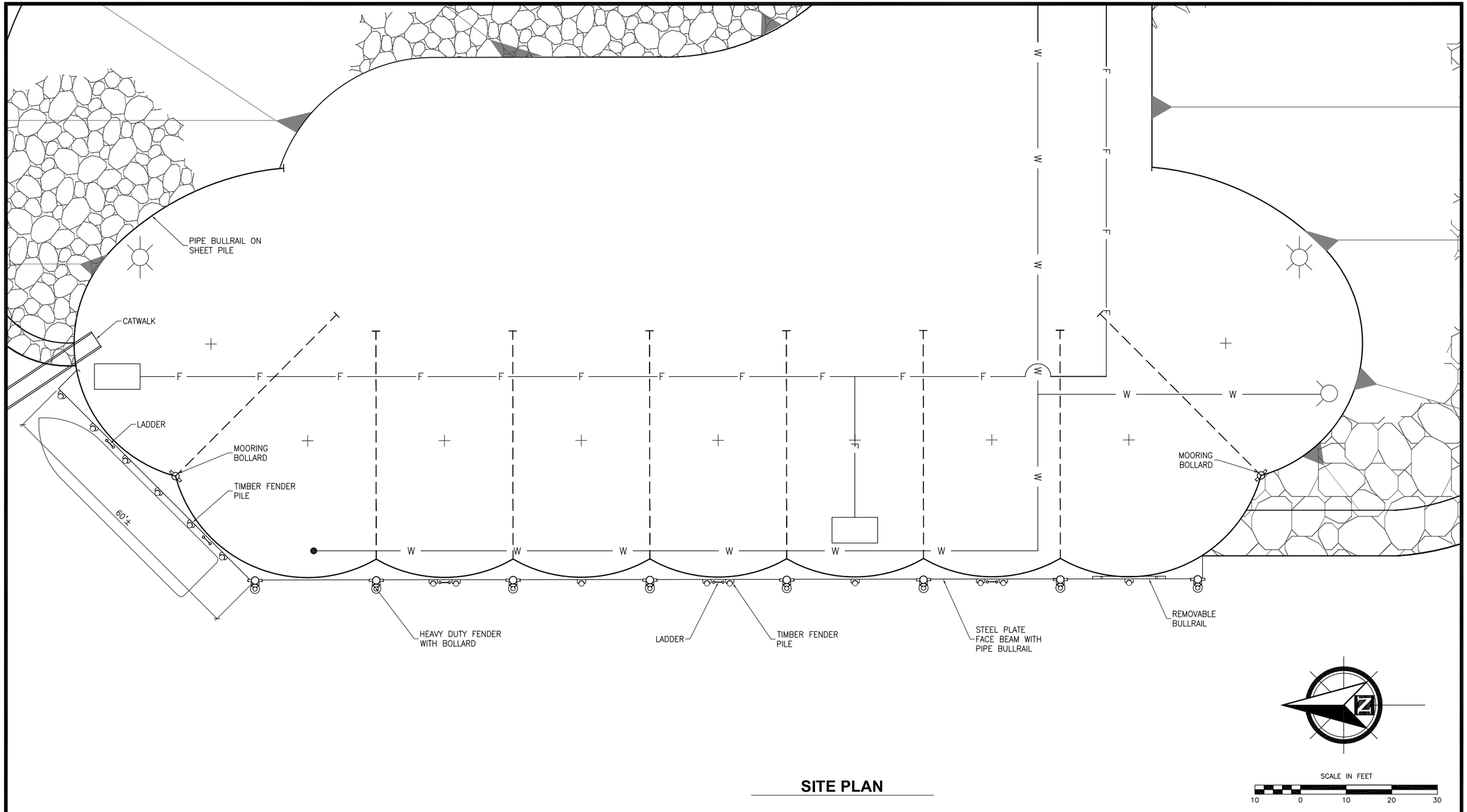
PND ENGINEERS, INC.

PROJECT: **PORT LIONS DOCK**

TITLE: **CONCEPT 2C (1.2) PHASE II**

DESIGNED BY:	SL	DATE:	DEC. 2011
CHECKED BY:	DTK	PROJECT NO:	111120

SHEET NO: 2 OF 3



SITE PLAN

PND Engineers, Inc. (PND) is not responsible for safety programs, methods or procedures of operation, or the construction of the design shown on these drawings. Where specifications are general or not called out, the specifications shall conform to standards of industry. Drawings are for use on this project only and are not intended for reuse without written approval from PND. Drawings are also not to be used in any manner that would constitute a detriment directly or indirectly to PND.

REV	DATE	DESCRIPTION

DATE: _____

1506 West 36th Avenue
Anchorage, Alaska 99503
Phone: 907.561.1011
Fax: 907.563.4220
www.pndengineers.com

PND ENGINEERS, INC.

PROJECT: **PORT LIONS DOCK**

TITLE: **CONCEPT 2C (1.2) DOCK PLAN**

DESIGNED BY: SL	DATE: DEC. 2011	SHEET NO: 3 OF 3
CHECKED BY: DTK	PROJECT NO: 111120	

RESOLUTION # 12-02-R

A RESOLUTION OF THE PORT LIONS CITY COUNCIL TO ENTER INTO A PHASE II DESIGN/ BUILD CONSTRUCTION CONTRACT WITH ANGAYUK CONSTRUCTION ENTERPRISES FOR THE PURPOSE OF REPLACING THE PORT LIONS CITY DOCK AND FERRY TERMINAL

WHEREAS; the timeline in replacing the City Dock and Ferry Terminal is of the essence due to the poor condition of the facility and the Port Lions City Council has a fiduciary responsibility to our community, and

WHEREAS; the City of Port Lions entered into a Phase I Design Contract with Angayuk Construction for the purpose of reaching a 30% design for the Port Lions City Dock and Ferry Terminal, and

WHEREAS; the 30 % preliminary design phase will be completed by February 10, 2012, and

WHEREAS; the City of Port Lions intends to enter into a Phase II contract with Angayuk Construction Enterprise, Inc. for the purpose of 100% design completion, permitting, preliminary quarry material staging, and final cost estimate for Option 2, which includes a 210 Ft. docking face with Sheet Pile Construction.

NOW THEREFORE BE IT RESOLVED: that the Port Lions City Council intends to enter into a Phase II Design /Build Contract with Angayuk Construction Enterprises, for the purposes stated above, and that it is also the City of Port Lions intent to enter into a Phase III final construction contract by early fall of 2012.

THIS RESOLUTION BECOMES EFFECTIVE UPON THE ADOPTION BY A DULY CONSTITUTED QUORUM OF THE CITY COUNCIL OF THE CITY OF PORT LIONS,

Adopted this 3rd **Day of February, 2012**

Mayor, City of Port Lions

Attest, Acting City Clerk