



425 S. Palos Verdes Street Post Office Box 151 San Pedro, CA 90733-0151 TEL/TDD 310 SEA-PORT www.portoflosangeles.org

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Interim Executive Director

March 12, 2014

Los Angeles Regional Water Quality Control Board  
401 Certification (Stream Bed & Wetland Protection) Unit  
320 West 4<sup>th</sup> Street, Suite 200  
Los Angeles, CA 90013

Attention: Michael Lyons

**SUBJECT: BERTHS 167 – 169 MOTEMS (SHELL OIL)  
MASTER DREDGING PERMIT APPLICATION**

Request

It is respectfully requested that the Port of Los Angeles (POLA) be authorized to construct a new unloading platform, mooring dolphins, and catwalks at Berths 167-169 (Shell Oil) necessary to comply with Title 24, Part 2, of the California Building Code, Chapter 31F, Marine Oil Terminals. POLA is also seeking approval of this work by the California State Lands Commission in accordance with the Marine Oil Terminal Engineering and Maintenance Standards (MOTEMS) Section 3101F.6.2.

Discussion

The work that will be completed under this permit will include the following:

1. Demolition of approximately 55,000 square feet of timber wharf structure including removal and disposal of the timber deck (cap beam, joists, decking, etc) and approximately 900 creosote-treated timber piles which will be cutoff at the mudlines.
2. Construction of a new 124-foot by 30-foot loading platform at Berth 167. The loading platform will consist of a reinforced concrete deck supported on eight 48-inch diameter steel pipe piles. An access trestle will be constructed to provide pedestrian and vehicular access to the unloading platform.
3. Construction of new mooring dolphins to the north (MD1) and to the south (MD5) of the new unloading platform. The mooring dolphins will provide a foundation for quick release hooks. The dolphin structures will consist of a reinforced concrete deck supported on steel pipe piles.

LO # 14-1389

4. Construction of new steel catwalks to provide pedestrian access from the new unloading platform to the various berthing and mooring elements.

The POLA is applying for an Army Corps of Engineers Permit concurrently.

We appreciate your consideration of this matter. If there are any questions regarding this project, please contact Ernie Robledo at (310) 732-7664.

Sincerely,

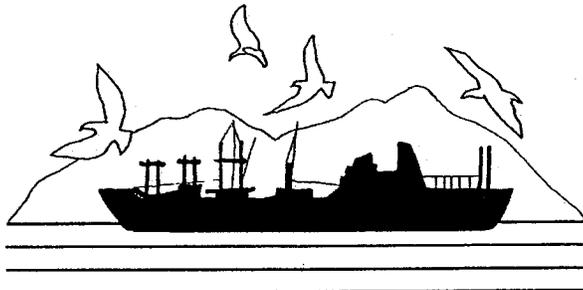


ANTONIO V. GIOIELLO  
Chief Harbor Engineer

SLF:tm  
24936 1-7  
24936c21  
ADM 2-7

Enclosures:

1. One Copy of the "MASTER DREDGING PERMIT APPLICATION"
2. Three copies of LAHD Drawings 5-7314



Los Angeles Region  
**CONTAMINATED  
SEDIMENTS  
TASK FORCE**

# MASTER DREDGING PERMIT APPLICATION

Form Number REG4-DREDGE-001

**PLEASE INDICATE WHICH OF THE FOLLOWING THIS FORM APPLIES TO:**

- Section 404 and/or Section 10 dredging permits by the Los Angeles District of the Corps of Engineers
- California Regional Water Quality Control Board, Los Angeles Region, Report of Waste Discharge, pursuant to Sections 13260, 13374, and 13377 of Article 4, Chapter 4, of the Porter-Cologne Water Quality Control Act\*
- Port of Long Beach Harbor Development Permit
- Port of Los Angeles Coastal Development Permit
- California Coastal Commission Coastal Development Permit
- California Coastal Commission Federal Consistency Certification/Determination

**(New 04/02)**

\*This application shall serve as, and be functionally equivalent to, a Report of Waste Discharge, pursuant to Sections 13260, 13374, and 13377 of Article 4, Chapter 4 of the Porter-Cologne Water Quality Control Act.

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# LOS ANGELES REGION CONTAMINATED SEDIMENTS TASK FORCE

(Please complete all sections and follow instructions provided with application.)

## SECTION 1 - GENERAL INFORMATION

### 1. APPLICANT INFORMATION (see instructions)

Applicant Name Port of Los Angeles		Contact Name (if different) Antonio Gioiello, Chief Harbor Engineer	
Mailing Address 425 S. Palos Verdes Street		City San Pedro	
State CA	Zip 90731	Business Phone (310) 732-3877	Residence Phone N/A

### 2. LEGAL INTEREST (see instructions)

<input type="checkbox"/> Individual	<input type="checkbox"/> Legal Entity	<input checked="" type="checkbox"/> Government	<input type="checkbox"/> Non-profit
<input type="checkbox"/> Other (Please provide description): _____			
<b>Note:</b> You will need to provide a copy of legal interest with this application (e.g., title, lease, deed, and easement).			

### 3. REPRESENTATIVE INFORMATION (see instructions)

Applicant's authorized agent, point of contact, and/or representative			<input type="checkbox"/> None
Name/Title Ernie Robledo, Civil Engineer		Organization Port of Los Angeles	
Mailing Address 425 S. Palos Verdes Street		City San Pedro	
State CA	Zip 90731	Business Phone (310) 732-7664	Residence Phone N/A
Who should receive correspondence relevant to this application? <input type="checkbox"/> Applicant <input type="checkbox"/> Representative <input checked="" type="checkbox"/> Both			
I hereby authorize the above named to act as my representative and bind me in all matters concerning this application.			
_____ Signature of Applicant			_____ Date

<b>THIS BOX IS FOR OFFICIAL USE ONLY:</b>		Data Base Entry <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date received: _____	ACOE No. _____	_____
Date completed: _____	CCC No. _____	_____
SAP Approved: _____	RWQCB No. _____	_____
Data Submitted: _____	POLA CDP No. _____	_____
Date Approved: _____	POLB HDP No. _____	_____

## SECTION II - PROJECT INFORMATION

### 4. GENERAL PROJECT INFORMATION (see instructions)

Project Name or Title Berths 167-169 MOTEMS		
Type of Dredging Project: <input type="checkbox"/> Maintenance <input checked="" type="checkbox"/> New Work	Timing of Project: <input checked="" type="checkbox"/> Single Episode <input type="checkbox"/> Multi-Episode	
Project description (attach additional sheets if necessary): See attached sheet		
Project need and/or purpose: Upgrading the wharf structures at Berths 167-169 to comply with MOTEMS State regulations.		
Month and year work is proposed to begin August, 2015	Estimated completion date August, 2016.	Estimated total project cost \$14,500,000

### 5. DREDGING INFORMATION (see instructions)

Dredge Site Berths 167-169	County Los Angeles	Nearest City Wilmington
Latitude(s) 33°45'20"	Longitude(s) -118°16'04"	Waterway Los Angeles Harbor - Slip 1
Type and composition of dredged material (Please give percentages if available) <input checked="" type="checkbox"/> Sand <input type="checkbox"/> Silt/Clay		
Is the material appropriate for beach replenishment? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Proposed type of equipment/construction methods to be used: Clamshell dredge		
Will a temporary rehandling area or storage site be used for the dredged material? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, for what length of time? _____ Site address? _____ Type of containment? _____ Approximate size of area? _____ acres or ft <sup>2</sup>		
Will the project result in the construction of temporary or permanent structures? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please indicate: <input type="checkbox"/> Temporary <input checked="" type="checkbox"/> Permanent Please provide a description: Permanent structures will consist of a new 124-foot by 30-foot concrete unloading platform, access trestle, catwalks, and two mooring dolphins.		
Will the proposed dredging affect existing public access or public recreational facilities? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please describe location and nature of impact:  Please describe how the impacts would be mitigated:		
Will the proposed dredging affect a historic/cultural resource? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please describe location and nature of impact:  Please describe how the impacts would be mitigated:		

**BOX 5 (CONTINUED)**

Depth of dredging based on Mean Lower Low Water (MLLW) datum  
 Existing depth: varies Over/depth tolerance: 2 feet  
 Proposed design depth: -40 feet Proposed total depth: -42 feet

Volume of material to be dredged: 2,000 cy, area of dredging: 0.25 acres

Type(s) of substrate being dredged:  
 Sub-tidal Bottom  Mudflat  Wetlands  Estuary  Other: \_\_\_\_\_

Please list agency and identification numbers of any previous permits for this activity:

Agency	Permit/Approval	Permit No.	Issue Date
Port of Los Angeles	Harbor Development Permit	ADP #131007-133	10/08/13
LARWQCB	401Water Quality Certification	TBD	TBD

If applicable, please give the Assessor's Parcel Number: \_\_\_\_\_

**6. DISPOSAL SITE INFORMATION**

**AQUATIC DISPOSAL** (see instructions)

Does the project involve aquatic disposal?  Yes  No

Site: (please check all that apply)  LA-2  LA-3  CAD  In-Harbor  RCDS  Other: Berths 243-245 CDF

Total volume of dredged material designated for aquatic disposal: 2,000 cy

Will the proposed disposal affect a historic/cultural resource?  Yes  No  
 If Yes, please describe location and nature of impact:

**SITE INFORMATION** (Please attach the following information for additional sites):

LA-2  LA-3  CAD  In-Harbor  RCDS  Other: Berths 243-245 CDF

Volume of dredged material designated for this aquatic disposal site: 2,000 cy  
 Is the site an existing site that regularly receives dredged material?  Yes  No  
 Year site was last used for dredged material disposal: 2013  
 Proposed type of equipment/construction methods to be used:  
Clamshell dredge

**PROPOSED UPLAND, WETLAND, REUSE, OR FILL DISPOSAL** (see instructions)

Does the project involve upland, wetland, reuse, or fill disposal?  Yes  No  
 If the project will involve upland, wetland, or fill disposal, but will not involve reuse, please explain why reuse has not been considered:

Will the proposed disposal affect a historic/cultural resource?  Yes  No  
 If Yes, please describe location and nature of impact:

Site(s): (please check all that apply)  
 Upland  Federal Wetland  State Wetland  Reuse  Fill

Total volume of dredged material designated for upland, wetland, reuse, and fill disposal: 2,000 cy

**SITE INFORMATION** (Please attach the following information for additional sites):  
 (Check only one)  Upland  Federal Wetland  State Wetland  Reuse  Fill

Site Name:  
Berths 243-245 Contaminated Disposal Facility (CDF)

**BOX 6 (CONTINUED)**

Site Description (see instructions): Berths 243-245 Contaminated Disposal Facility (CDF)				
Site Address Berths 243-245 (CDF)		City San Pedro	State CA	Zip 90731
Latitude(s) 33°43'47"	Longitude(s) -118°16'12"		Zoning Port Master Plan Amendment	
Owner's Name Port of Los Angeles (LAHD)		Phone Number (310) 732-3877		
Address 425 S. Palos Verdes Street		City San Pedro	State CA	Zip 90731
Does this site include jurisdictional wetlands? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, give name and permit number of approved wetlands project where material will be placed:				
Is the site an existing site that regularly receives dredged material? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Year site was last used for dredged material disposal: <u>2013</u> Volume of dredged material designated for this disposal site: <u>2,000</u> cy Proposed type of equipment to be used: Clamshell dredge				
Will disposal result in the construction of temporary or permanent structures? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please describe: Berths 243-245 CDF Containment Structure				
Will the proposed disposal affect existing public access or public recreational facilities? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please describe how the impacts would be mitigated:				
Will the proposed disposal involve the transportation of dredged material by trucks? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please describe the number of truck trips and the route to be used:				
(Attach the above information for additional sites)				

**7. SENSITIVE AREAS (see instructions)**

Does the project have the potential to affect a sensitive area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Type of Habitat:	<input type="checkbox"/> Inter-Tidal	<input checked="" type="checkbox"/> Sub-Tidal	<input type="checkbox"/> Coastal Wetlands
<input type="checkbox"/> Sandy Beach	<input type="checkbox"/> Eelgrass	<input type="checkbox"/> Kelp Forest	<input type="checkbox"/> Riparian
Habitat Name: N/A			
Habitat Size: _____ acres or ft <sup>2</sup>		Size of area impacted: _____ acres or ft <sup>2</sup>	
Estimated Dates of Impact: From _____ To _____			
Have you contacted the following agencies? (see instructions):			
1. U.S. Environmental Protection Agency	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
2. U.S. Fish and Wildlife	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
3. U.S. Army Corps of Engineers	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
4. National Marine Fisheries Service	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
5. U.S. Bureau of Land Management	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
6. Nat'l Oceanic & Atmospheric Association	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
7. CA Environmental Protection Agency	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
8. CA Department of Fish & Game	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
9. CA State Lands Commission	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
10. S. Coast Air Quality Mgmt. District	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
11. California Coastal Commission	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
12. Regional Water Quality Control Board	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

(BOX 7 CONTINUED)

If Yes to any of the above, please give the following information for each agency: If more than can be entered here, please attach a supplemental list.	
Name of Agency:	U.S. Army Corps of Engineers
Name of Contact:	Theresa Stevens, Ph.D.
Permit required?: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, please give number: TBD
Special Condition(s) required?: <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, please describe: Unkown at this time.
Name of Agency:	Los Angeles Regional Water Quality Control Board
Name of Contact:	Michael Lyons
Permit required?: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, please give number: TBD
Special Condition(s) required?: <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, please describe: Unknow
Name of Agency:	National Marine Fisheries Service
Name of Contact:	Bryant Chesney
Permit required?: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, please give number:
Special Condition(s) required?: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, please describe:
Name of Agency:	
Name of Contact:	
Permit required?: <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, please give number:
Special Condition(s) required?: <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, please describe:

8. THREATENED OR ENDANGERED SPECIES (see instructions)

Does the project have the potential to affect any federal or state threatened or endangered species? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes, please indicate: <input type="checkbox"/> Federal <input type="checkbox"/> State	
<i>Note: If more than one, please attach a supplemental list.</i>	
Name of species:	
Location of species in relation to project:	
Estimated Dates of Impact: From _____ To _____	
Do these dates coincide with the breeding season?:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Has a Section 7 consultation been initiated?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Have you prepared a mitigation plan?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, please attach; if No, please give the expected submission date: _____	
Does this project have the potential to affect any marine fisheries or marine mammals? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, have you consulted National Marine Fisheries Service?: <input type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, please give the following information:	
Name of Contact:	
Permit required?: <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, please give number:
Special Condition(s) required?: <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, please describe:

(BOX 8 CONTINUED)

Have you consulted CA Department of Fish & Game?: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please give the following information:
Name of Contact:
Permit required?: <input type="checkbox"/> Yes <input type="checkbox"/> No      If Yes, please give number:
Special Condition(s) required?: <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please describe:

**9. ESSENTIAL FISH HABITAT** (see instructions)

Does the project have the potential to affect any essential fish habitat? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Fishery Type: <input checked="" type="checkbox"/> Coastal Pelagic Species <input type="checkbox"/> Salmon <input checked="" type="checkbox"/> Pacific Coast Groundfish
<i>Note: If more than one, please attach a supplemental list.</i>
Affected Species : See attached list.
Has an analysis of the effect of the project on managed species been conducted ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please attach; if No, please give the expected submission date:
Have you contacted National Marine Fisheries Service? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please give the following information:
Name of Contact: Bryant Chesney
Permit required?: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No      If Yes, please give number:
Special Condition(s) required?: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please describe:

**SECTION III - OTHER REQUIRED INFORMATION**

**10. ENVIRONMENTAL APPROVALS** (see instructions)

<i>Note: Please provide a copy of the project's environmental documentation with your application.</i>
CEQA Lead Agency: City of Los Angeles Harbor Department - Still determining if ND or EIR
Type of Environmental Documentation: <input type="checkbox"/> CE <input checked="" type="checkbox"/> ND <input type="checkbox"/> EIR
Date of Approval: _____ or Approximate date of completion: November 2014
NEPA Lead Agency: U.S. Army Corps of Engineers
Type of Environmental Documentation: <input type="checkbox"/> CE <input type="checkbox"/> EA <input type="checkbox"/> EIS
Date of Approval: _____ or Approximate date of completion: _____

**11. OTHER APPROVALS** (see instructions)

CA DEPARTMENT OF FISH & GAME - 1601 & 1603 Approval Number _____ Date of Application _____ <input checked="" type="checkbox"/> None Required Date of Issuance _____
<b>LOCAL GOVERNMENT APPROVALS</b>
Approving Agency: Port of Los Angeles      Approval Type: ADP (#131007-133 dtd. 10/8/13)
Approval Date: TBD (pending)      Local Contact & Phone: Dennis Hagner (310) 732-3682
Approving Agency: _____      Approval Type: _____
Approval Date: _____      Local Contact & Phone: _____
Approving Agency: _____      Approval Type: _____
Approval Date: _____      Local Contact & Phone: _____

**12. ADJOINING PROPERTY OWNERS** (see instructions)

Please provide names and addresses of property owners, lessees, etc., whose property adjoins either the project or the disposal site (disposal site information is not required for the designated aquatic sites). If more than can be entered here, please attach a supplemental list.

Name US Borax Inc.			
Address 300 Falcon Street	City Wilmington	State CA	Zip 90744
Property adjoins: <input checked="" type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Other (explain):			
Name Berth 171-173 - Port of Los Angeles			
Address San Clement Avenue	City Wilmington	State CA	Zip 90744
Property adjoins: <input checked="" type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Other (explain):			
Name See attached drawings 5-7314-2 and 5-7314-14 for Adjacent Tenant Information			
Address	City	State	Zip
Property adjoins: <input type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Other (explain):			
Name			
Address	City	State	Zip
Property adjoins: <input type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input type="checkbox"/> Owner <input type="checkbox"/> Lessee <input type="checkbox"/> Other (explain):			

**13. CHECKLIST OF ADDITIONAL INFORMATION TO BE SUBMITTED** (see instructions)

This box identifies other information that is required before your dredging application can be accepted as complete and processing of the application initiated. Please indicate whether the material is attached or in-progress. If the material is in-progress, please give the expected submission date.

	Attached	OR	In-Progress	Expected Submittal Date
Sampling & Analysis Plan (SAP):	<input type="checkbox"/>		<input checked="" type="checkbox"/>	_____
Testing Data:	<input type="checkbox"/>		<input type="checkbox"/>	_____
Environmental Documentation:	<input type="checkbox"/>		<input checked="" type="checkbox"/>	_____
Dredging & Disposal Plan:	<input type="checkbox"/>		<input type="checkbox"/>	_____
Proof of Legal Interest:	<input type="checkbox"/>		<input type="checkbox"/>	_____
Federal Consistency Determination or Certification	<input type="checkbox"/>		<input type="checkbox"/>	_____
Fees: <input type="checkbox"/> USACE <input type="checkbox"/> CCC <input type="checkbox"/> RWQCB				

**14. COASTAL DEVELOPMENT PERMIT**

Use of this application for a California Coastal Commission Coastal Development Permit (CDP) requires certain additional information. If you plan to use this form to apply for a CDP please provide the following:

- Stamped envelopes addressed to each property owner and occupant of property situated within 100' of property lines of the project site.
- Stamped envelopes addressed to all other parties known to the applicant to be interested in the project.
- Verification of all other permits, permissions, or approvals granted by public agencies such as CA Dept. of Fish and Game, CA State Lands Commission, US Army Corps of Engineers, US Coast Guard, etc.

(BOX 14 CONTINUED)

- Declaration of campaign contributions (see attached form Appendix A).
- Declaration of posting (see attached form Appendix B).

If you have any questions concerning these requirements, please contact the California Coastal Commission South Coast District office in Long Beach.

NOTICE TO APPLICANTS

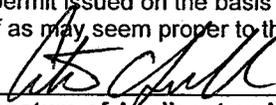
The California Coastal Commission may adopt or amend regulations affecting the issuance of coastal development permits. If you would like notice of such proposals during the pendency of this application, if such proposals are reasonably related to this application, please indicate that desire:  Yes  No

COMMUNICATION WITH COMMISSIONERS

Decisions of the California Coastal Commission must be made on the basis of information available to all commissioners and the public. Therefore, permit applicants and interested parties and their representatives are advised not to discuss with commissioners any matters relating to a permit outside the public hearing. Such contacts may jeopardize the fairness of the hearing and result in invalidation of the Commission's decision by court. Any written material sent to a commissioner should also be sent to the commission office for inclusion in the public record and distribution to other Commissioners.

**15. CERTIFICATION OF ACCURACY OF INFORMATION**

I hereby certify under penalty of perjury that to the best of my knowledge, the information in this application and all attached exhibits is full, complete, and correct, and I understand that any misstatement or omission of the requested information or of any information subsequently requested shall be grounds for denying the permit, for suspending or revoking a permit issued on the basis of these or subsequent representation, or for the seeking of such other and further relief as may seem proper to the permitting agencies.

  
\_\_\_\_\_  
Signature of Applicant or Applicant's Representative

3/7/14  
\_\_\_\_\_  
Date

## BERTH 167-169 MARINE OIL TERMINAL IMPROVEMENTS

### DESCRIPTION OF WORK

The Port of Los Angeles is upgrading the wharf structures at Berths 167-169 to comply with the MOTEMS standards. The Berth 167-169 Marine Oil Terminal Improvements project will involve the demolition of the existing timber wharf and replacing the structure with a new concrete unloading platform, access trestle, mooring dolphins and steel catwalks. The current two berth structure will be replaced with a single berth at Berth 167.

The project will involve demolition of approximately 64,400 square feet of timber wharf structure. Demolition includes removal and disposal of the timber deck (cap beam, joists, decking, etc.) and approximately 900 creosote-treated timber piles which will be cutoff at the mudline.

A new 124-foot by 30-foot unloading platform will be constructed at Berth 167. The unloading platform consists of a reinforced concrete deck and will be supported on eight 48-inch diameter steel pipe piles. An access trestle will be constructed to provide pedestrian and vehicular access to the unloading platform. The single span access trestle will consist of six precast, prestressed concrete beams. The trestle will be supported on two 42-inch diameter pipe piles and an abutment supported on two 48-inch diameter pipe piles.

New mooring dolphins will be constructed to the north (MD1) and to the south (MD5) of the new loading platform. The mooring dolphins will provide a foundation for quick release hooks. The dolphin structures will consist of reinforced concrete decking supported on a steel pipe piles. The pipe pile diameter is 72 inches for MD1 and 60 inches for MD5.

The existing mooring dolphin (MD4) located just south of the new loading platform will be modified to provide access to the shore.

Steel catwalks will be constructed to provide pedestrian access from the new loading platform to the various berthing and mooring elements. The new catwalks will be supported by steel pipe piles with concrete caps. Abutments made up of steel pipe piles and concrete caps will provide transition between the catwalks and the shore at four locations. Approximately 915 feet of new catwalks will be constructed. The catwalks will have a 4.0 feet wide clear distance between girders.

### POTENTIAL ENVIRONMENTAL IMPACTS

The Berth 167-169 Marine Oil Terminal Improvements project has the potential to impact the environment in a number of ways, including:

- Driving steel piles could impact marine mammals and fish covered under fisheries management plans for Coastal Pelagic or Pacific Coast Groundfish species.

- The new wharf structure will have far fewer piles than the older structure reducing the area available for invertebrates. Piles will be made of steel rather than wood. This could impact the invertebrate community.
- Removal of the wharf structure could be an impact if it is determined to have historical significance. An assessment by Port consultants concluded that the wharf is not eligible for listing in the historical register.

The Port is performing an environmental assessment under CEQA. Based on the results of the Initial Study, the Port will prepare either a Negative Declaration or an Environmental Impact Report. These are expected to take up to 9 or 18 months, respectively.

Table 3.3-2. MSA-Managed Species Occurring in the Port of Los Angeles and Port of Long Beach Harbors

Common Name	Species	Potential Essential Fish Habitat in Study Area	Abundance
<b>Pelagic Species (Coastal Pelagics)</b>			
Northern anchovy	<i>Engraulis mordax</i>	Open water throughout.	Abundant throughout harbor in 2000, 2008. <sup>1,3</sup>
Pacific sardine	<i>Sardinops sagax</i>	Open water throughout.	Abundant throughout harbor in 2000, 2008. <sup>1,3</sup>
Pacific (chub) mackerel	<i>Scomber japonicus</i>	Open water, primarily in Outer Harbor; juveniles off of sandy beaches and around kelp beds.	Common throughout harbor in 2000, only one locale in 2008. <sup>1,5</sup>
Jack mackerel	<i>Trachurus symmetricus</i>	Near breakwater and Inner to Middle Harbor. Young fish over shallow rocky banks. Young juveniles sometimes school under kelp. Older fish typically further offshore.	Common in Inner to Middle Harbor, uncommon in Outer Harbor in 2000, common in 2008. <sup>1,5</sup>
<b>Demersal (Bottom) Species (Pacific Groundfish)</b>			
English sole	<i>Parophrys vetulus</i>	On bottom throughout. Benthic dwelling on sand or silt substrate.	Uncommon in 2000; <sup>1</sup> 24 collected in Outer Harbor in 2008. <sup>5</sup>
Pacific sanddab	<i>Citharichthys sordidus</i>	Primarily Outer Harbor. Benthic on sand or coarser substrate.	Rare in 2000; <sup>1</sup> common in Outer Harbor in 2008. <sup>5</sup>
Leopard shark	<i>Triakis semifasciata</i>	Primarily in Outer Harbor. Over sandy areas near eelgrass, kelp, or jetty areas.	Rare; 3 collected in 2000, <sup>1</sup> none in 2008. <sup>5</sup>
Big skate	<i>Raja binoculata</i>	Primarily in Outer Harbor. Over variety of substrates generally at > 3-meter depth.	Uncommon; primarily in shallow water; none caught in 2008. <sup>5</sup>
Black rockfish	<i>Sebastes melanops</i>	Primarily Cabrillo shallow-water habitat. Along breakwater and deep piers and pilings. Associated with kelp, pilings, eelgrass, high-relief rock.	Rare; 4 collected in deep Inner and Middle Harbor waters in 2000, <sup>1</sup> none in 2008. <sup>5</sup>
California scorpionfish	<i>Scorpaena gutatta</i>	Rock dikes and breakwaters.	Common on rock dikes and breakwaters, also on soft bottom at night. <sup>1-5</sup>
Grass rockfish	<i>Sebastes rastrelliger</i>	Along breakwater and in eelgrass off of beach areas. Associated with kelp, eelgrass, jetty rocks.	Rare; 3 collected in 2000, <sup>1</sup> none in 2008. <sup>5</sup>
Vermilion rockfish	<i>Sebastes miniatus</i>	Primarily along breakwater. Typically near bottom and associated with kelp, along drop offs, and over hard bottom.	Common more recently: four collected in 2000, <sup>1</sup> 20 in 2008. <sup>5</sup>
Cabezon	<i>Scorpaenichthys marmoratus</i>	Primarily shallow waters, along breakwater and eelgrass areas. Benthic and use a variety of substrates	Rare; shallow water. <sup>1</sup> None collected in 2008. <sup>5</sup>

<i>Common Name</i>	<i>Species</i>	<i>Potential Essential Fish Habitat in Study Area</i>	<i>Abundance</i>
		including kelp beds, jetties, rocky bottoms, and occasionally eelgrass beds and sandy bottoms.	
Ling cod	<i>Ophiodon elongatus</i>	Primarily along breakwater and especially near Angels Gate. Typically on or near bottom over soft substrate near current-swept reefs.	Rare; shallow water. <sup>1</sup> None collected in 2008. <sup>5</sup>
Bocaccio	<i>Sebastes paucispinis</i>	Typically found in deeper water near hard substrate, kelp, and algae.	Uncommon; juveniles in kelp around breakwater. <sup>2</sup>
Kelp rockfish	<i>Sebastes atrovirens</i>	Found in association with kelp along the breakwaters.	Rare; in kelp along breakwater. <sup>2</sup>
Olive rockfish	<i>Sebastes serranoides</i>	Found in association with kelp along the breakwaters.	Common to uncommon; juveniles in kelp around breakwater. <sup>2</sup>
Calico rockfish	<i>Sebastes dalli</i>	Typically found in deeper water near hard substrate, kelp, and algae.	Rare; one collected in Long Beach Harbor, <sup>4</sup> shallow water. <sup>1</sup>
California skate	<i>Raja inornata</i>	Usually associated with hard substrate. Found along breakwater and deep piers and pilings. Associated with kelp, pilings, eelgrass, and high-relief rock.	Common; Primarily in Outer Harbor. <sup>1,5</sup>

Notes:

Potential habitat use from McCain et al. 2005. Species occurrence in Los Angeles and/or Long Beach Harbors recorded from MEC Analytical Systems and SAIC studies.

Abundant: among 10 most abundant species collected.

Common: not one of the 10 most abundant, but at least 100 individuals collected.

Uncommon: between 10 and 100 individuals collected.

Rare: less than 10 individuals collected.

Pelagic and benthic sampling employed in the 2000 surveys (MEC 2002) did not sample rocky breakwater and kelp habitat that could potentially be occupied by some of the species.

Sources:

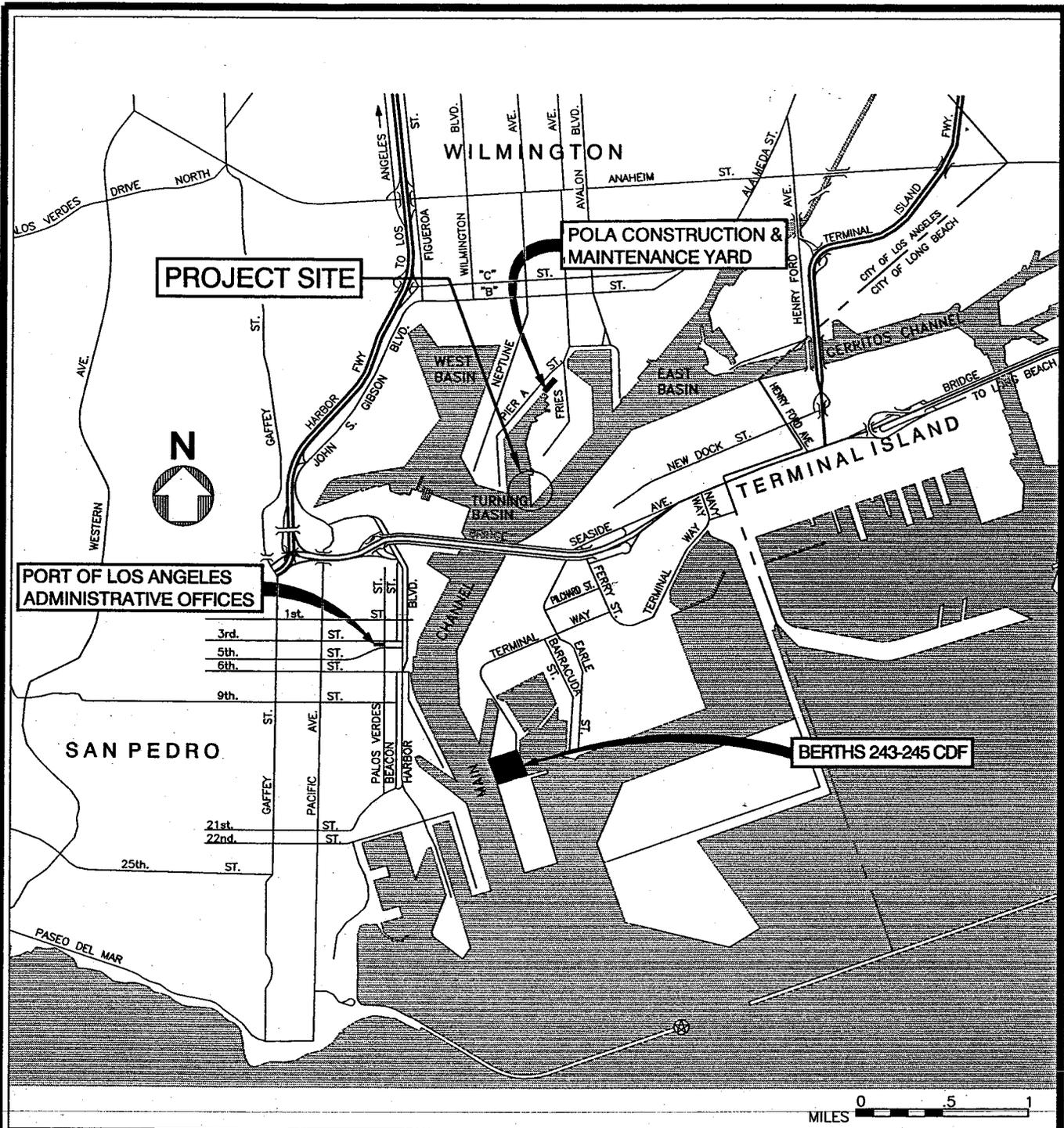
<sup>1</sup> MEC et al. 2002

<sup>2</sup> MEC 1999

<sup>3</sup> MEC 1988

<sup>4</sup> SAIC and MEC 1997

<sup>5</sup> SAIC 2010



**SCOPE OF WORK:**  
 REPLACE EXISTING TIMBER WHARF AT BERTH 167-169 WITH NEW STRUCTURE INCLUDING 124' x 30' LOADING PLATFORM, 49' x 24' WIDE ACCESS TRESTLE, 2 NEW MOORING DOLPHINS, 915' OF NEW 4.5' WIDE CATWALK AND 2000 CY OF DREDGING.

SCALE: AS-SHOWN	DATE: 3/14	RECOMMENDED FOR APPROVAL	<b>APPLICATION FOR ARMY CORPS PERMIT</b>	
DRAWN: EL	CHECKED: MW	DESIGNED: DH		
CHIEF OF DESIGN <i>Stuart L. Finkle</i>		APPROVED <i>[Signature]</i>		DRAWING NUMBER <b>5-7314-1</b>
ENGR/ARCH MW		ASSISTANT CHIEF HARBOR ENGINEER <i>[Signature]</i>		 <b>THE PORT OF LOS ANGELES ENGINEERING DIVISION</b> 425 S. PALOS VERDES STREET SAN PEDRO CA 90731-3300
		CHIEF HARBOR ENGINEER		

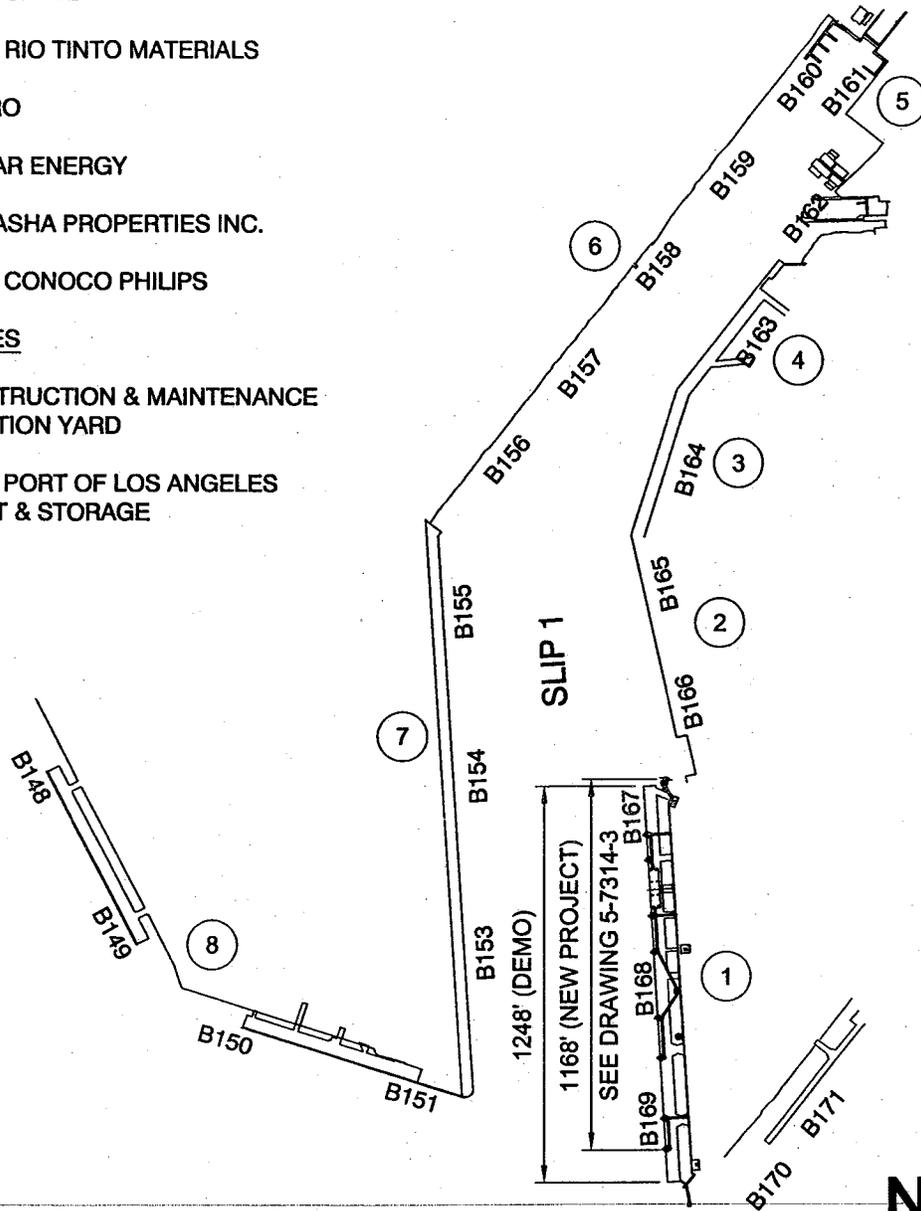
POLAPROS\_VER.1\_12/96

**ADJACENT TENANTS**

- 1 B167 - B169 - SHELL
- 2 B165 - B166 - RIO TINTO MATERIALS
- 3 B164 - VALERO
- 4 B163 - NUSTAR ENERGY
- 7 B153-B155 PASHA PROPERTIES INC.
- 8 B148 - B151 - CONOCO PHILIPS

**PORT OF LOS ANGELES**

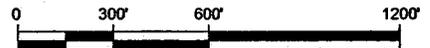
- 5 B161 - CONSTRUCTION & MAINTENANCE ADMINISTRATION YARD
- 6 B156 - B160 - PORT OF LOS ANGELES PARKING LOT & STORAGE



1-2  
2

**BERTH 167-169 SITE PLAN**

SCALE: 1"=600'-0"

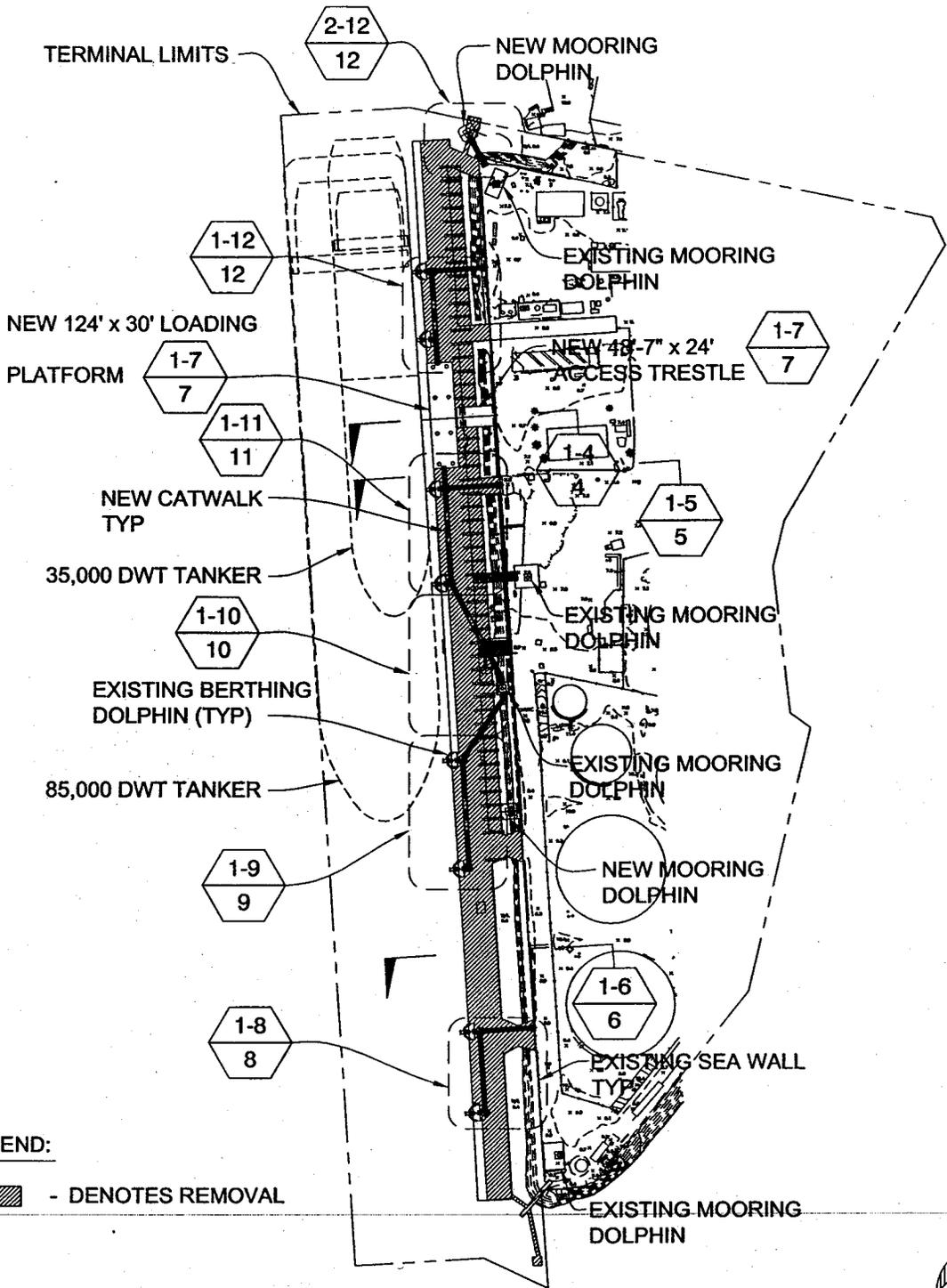


SCALE: 1"=600'



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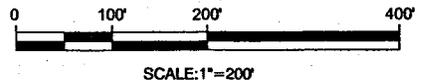
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DRAWN: EL		CHIEF OF DESIGN <i>Stuart L. Franke</i>			<b>BERTHS 167-169 MOTEMS</b>
CHECKED: MW		ASSISTANT CHIEF HARBOR ENGINEER <i>[Signature]</i>	APPROVED <i>[Signature]</i>	CHIEF HARBOR ENGINEER	<b>THE PORT OF LOS ANGELES ENGINEERING DIVISION 425 S. PALOG VERDE STREET SAN PEDRO CA 90731-3300</b>
DESIGNED: DH		ENGR/ARCH MW			



1-3  
3

**REPLACEMENT PLAN - BERTH 167-169**

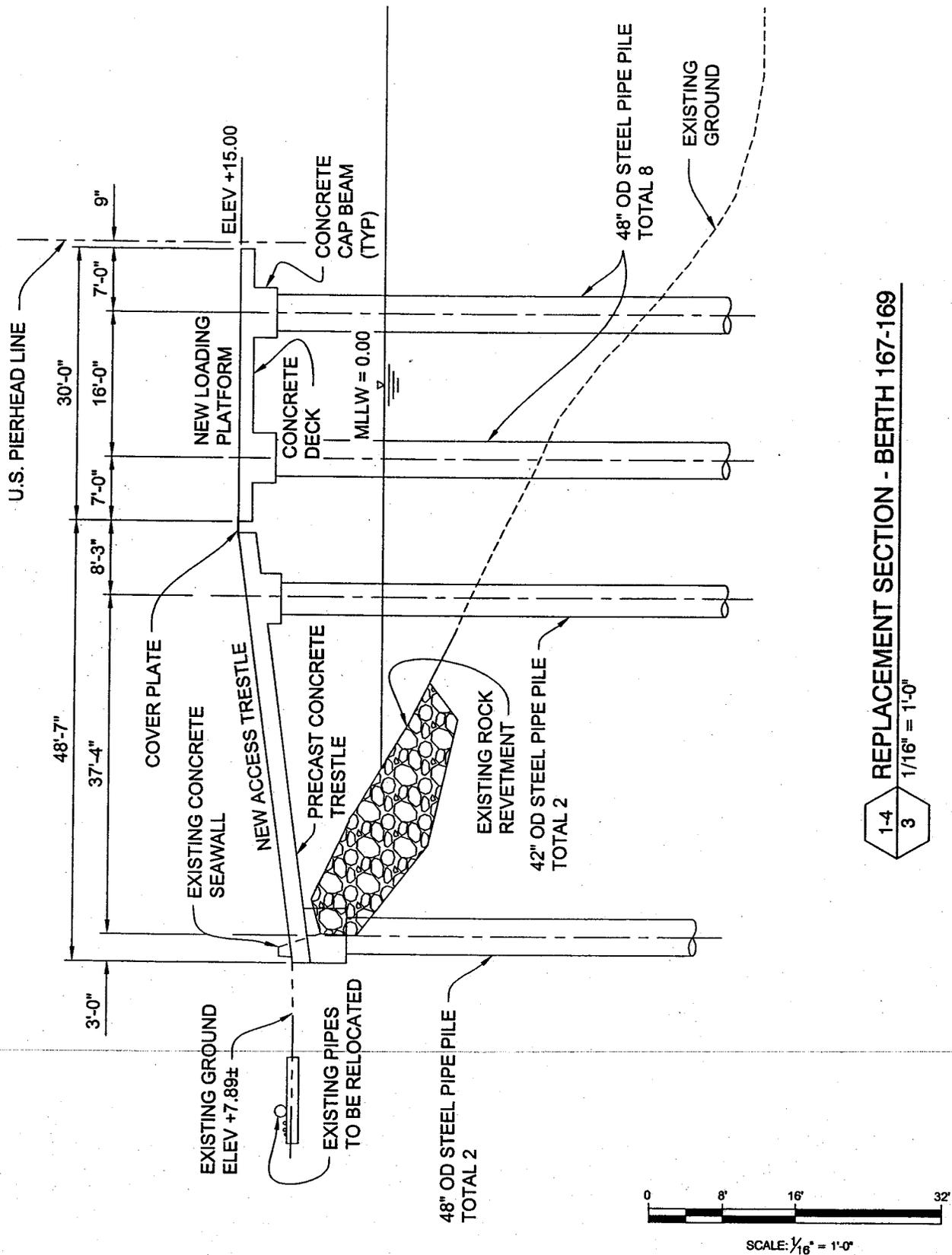
1" = 200'-0"



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SCALE: AS-SHOWN	DATE: 3/14	RECOMMENDED FOR APPROVAL	<b>APPLICATION FOR ARMY CORPS PERMIT</b>	
DRAWN: EL	CHECKED: MW	DESIGNED: DH		
CHIEF OF DESIGN <i>Stuart L. Frank</i>		APPROVED		DRAWING NUMBER <b>5-7314-3</b>
ASSISTANT CHIEF HARBOR ENGINEER <i>[Signature]</i>		CHIEF HARBOR ENGINEER <i>[Signature]</i>		

POLAPROS\_VER.1\_12/96



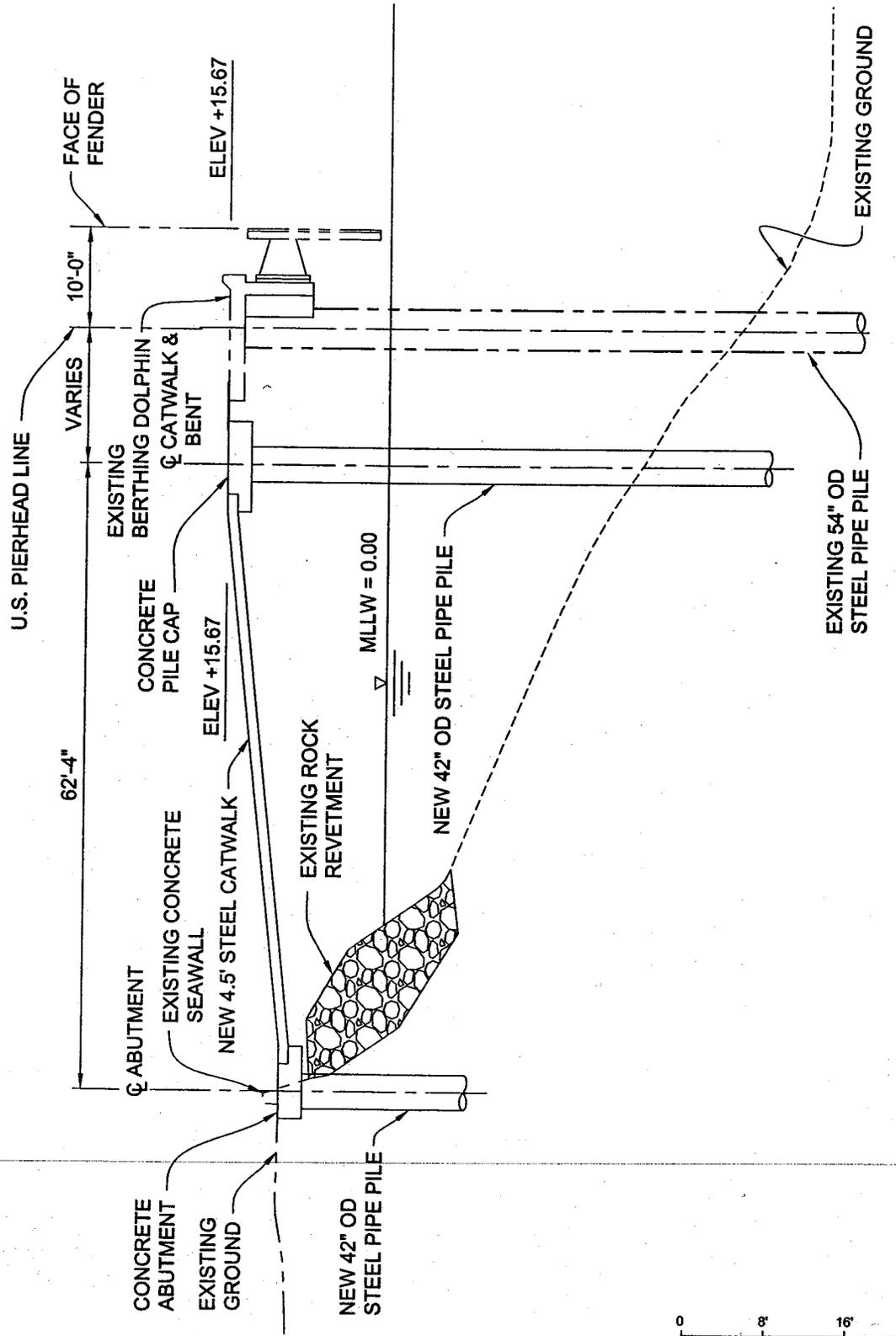
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DRAWN: EL		CHIEF OF DESIGN <i>Stuart L. Finkle</i>
CHECKED: MW		ASSISTANT CHIEF HARBOR ENGINEER <i>Fred [unclear]</i>
DESIGNED: DH		APPROVED <i>[Signature]</i> CHIEF HARBOR ENGINEER
ENGR/ARCH MW		

**APPLICATION FOR ARMY CORPS PERMIT**

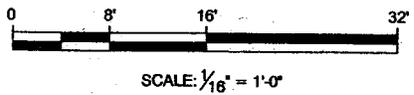
**BERTHS 167-169 MOTEMS**


**THE PORT OF LOS ANGELES  
ENGINEERING DIVISION**  
425 S. PALOS VERDES STREET SAN PEBRO CA 90731-3309

DRAWING NUMBER  
**5-7314-4**

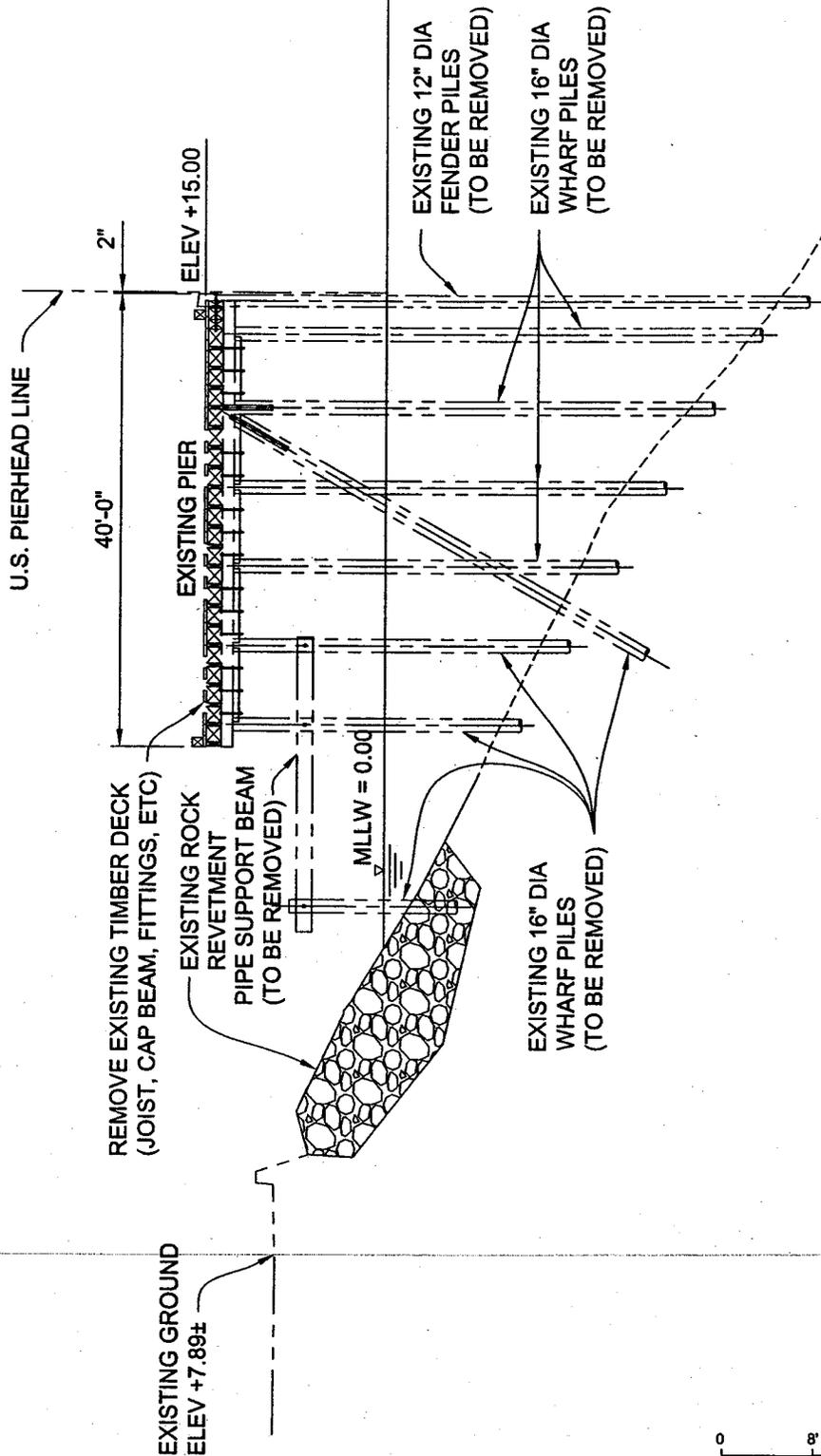


1-5  
3  
REPLACEMENT SECTION - BERTH 167-169  
1/16" = 1'-0"

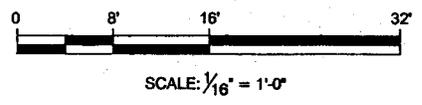


POLAPROS\_VER.1\_12/96

SCALE: AS-SHOWN	DATE: 3/14	RECOMMENDED FOR APPROVAL	<b>APPLICATION FOR ARMY CORPS PERMIT</b> <b>BERTHS 167-169 MOTEMS</b>	
DRAWN: EL		CHIEF OF DESIGN <i>Stuart L. Franke</i>		
CHECKED: MW			APPROVED <i>John Gull</i>	 <b>THE PORT OF LOS ANGELES</b> <b>ENGINEERING DIVISION</b> <small>425 S. PALO VERDE STREET SAN PEDRO CA 90731-3300</small>
DESIGNED: DH		ASSISTANT CHIEF HARBOR ENGINEER <i>Frank</i>	DRAWING NUMBER <b>5-7314-5</b>	
ENGR/ARCH MW		CHIEF HARBOR ENGINEER		



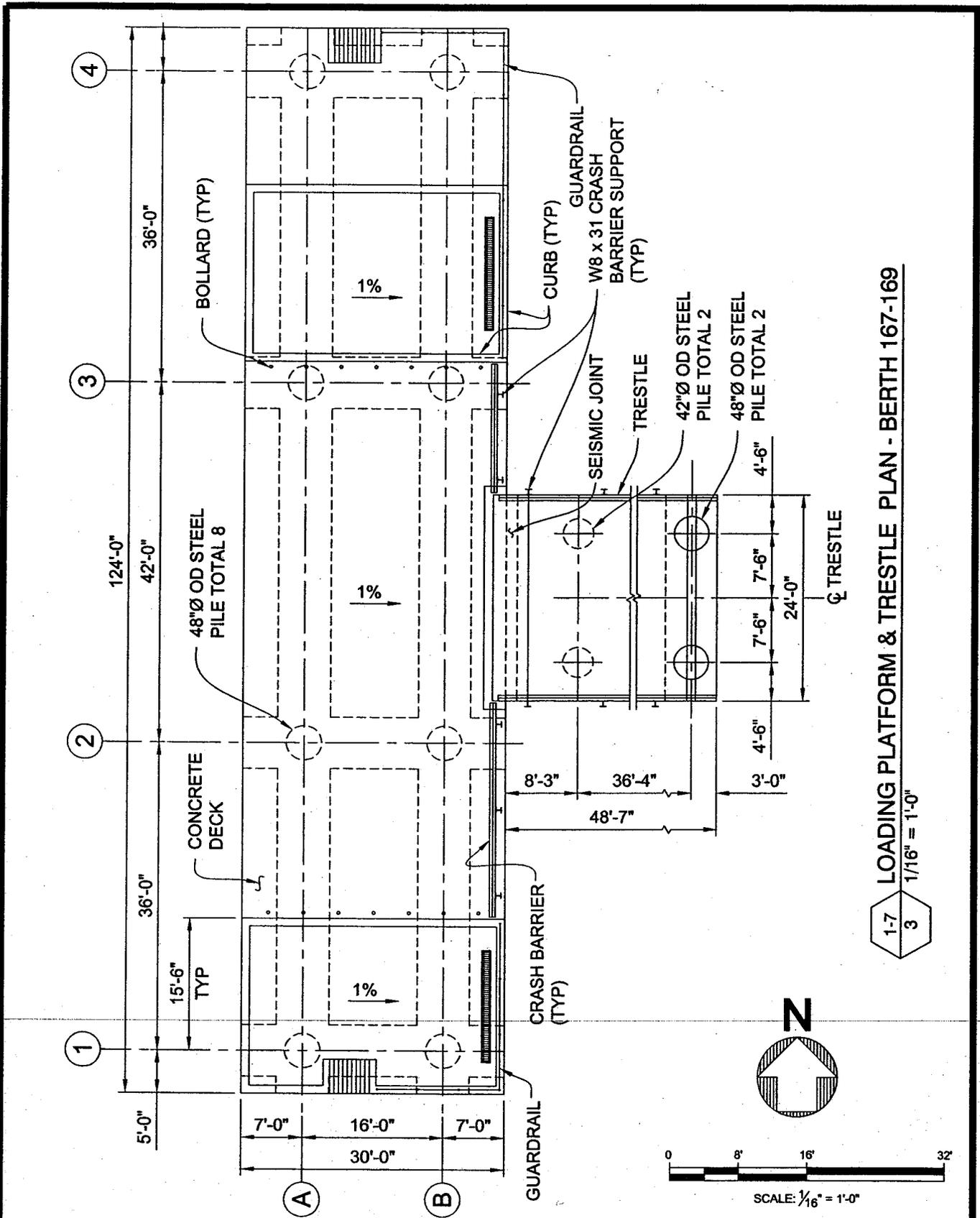
1-6  
3  
REMOVAL SECTION - BERTH 167-169  
1/16" = 1'-0"



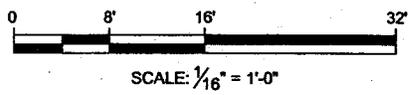
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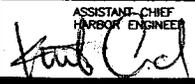
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DRAWN: EL		CHIEF OF DESIGN <i>Stuart L. Frue</i>		
CHECKED: MW		ASSISTANT CHIEF HARBOR ENGINEER <i>Frue</i>	APPROVED <i>[Signature]</i> CHIEF HARBOR ENGINEER	 <p><b>THE PORT OF LOS ANGELES ENGINEERING DIVISION</b> 425 S. PALMS VERDES STREET SAN PEDRO CA 90731-3398</p>
DESIGNED: DH			DRAWING NUMBER <b>5-7314-6</b>	
ENGR/ARCH MW				

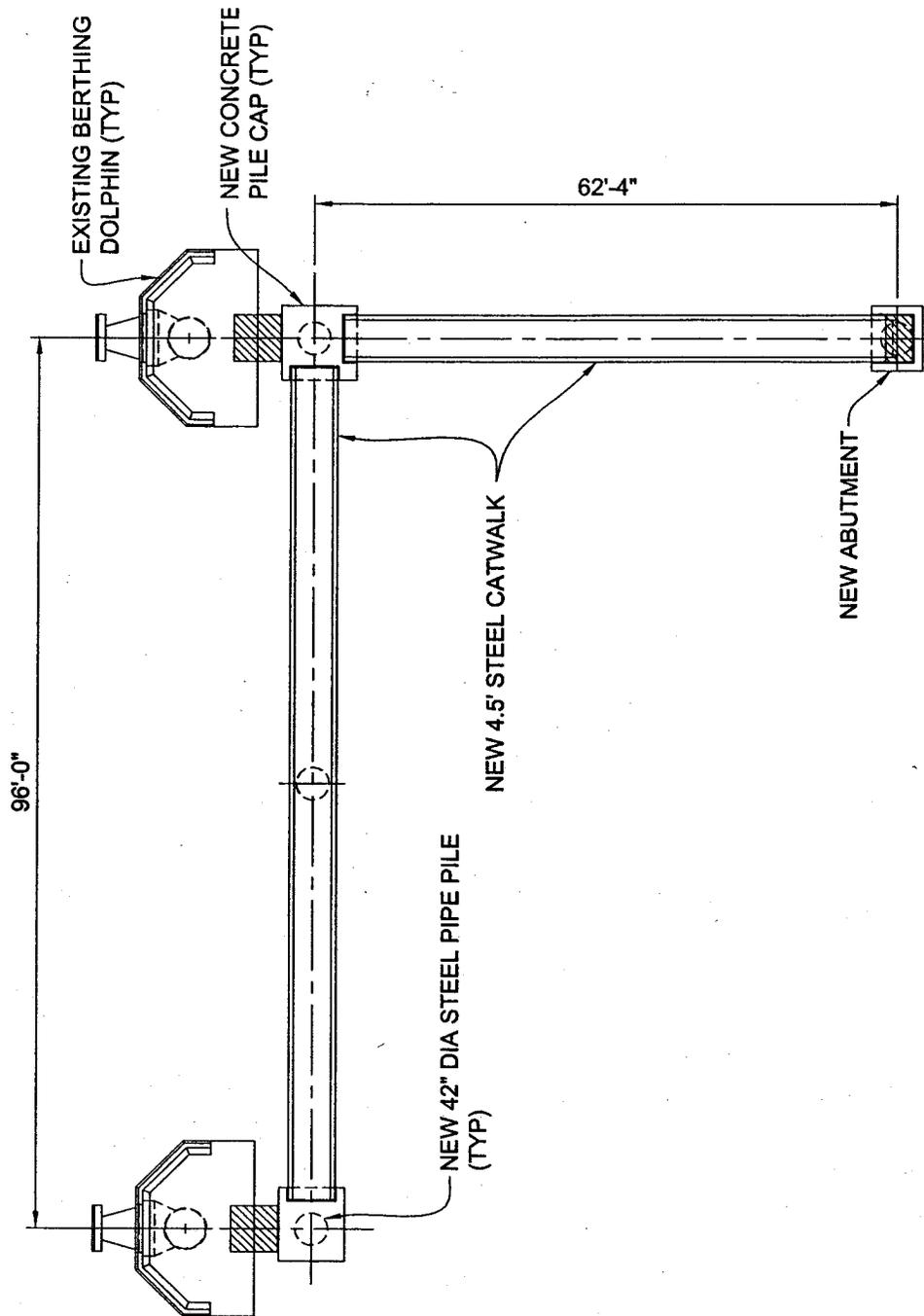
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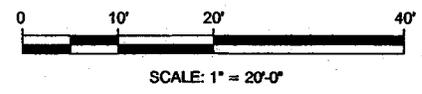
LOADING PLATFORM & TRESTLE PLAN - BERTH 167-169  
 1-7 3  
 1/16" = 1'-0"



SCALE: AS-SHOWN		DATE: 3/14	RECOMMENDED FOR APPROVAL		<b>APPLICATION FOR ARMY CORPS PERMIT</b> <b>BERTHS 167-169 MOTEMS</b>			
DRAWN: EL			CHIEF OF DESIGN					
CHECKED: MW			DESIGNED: DH					
ENGR/ARCH		ASSISTANT CHIEF HARBOR ENGINEER		APPROVED			DRAWING NUMBER	
MW				CHIEF HARBOR ENGINEER		5-7314-7		
					 <b>THE PORT OF LOS ANGELES</b> <b>ENGINEERING DIVISION</b> <small>425 S. PALMS VERDES STREET SAN PEDRO CA 90721-3300</small>			

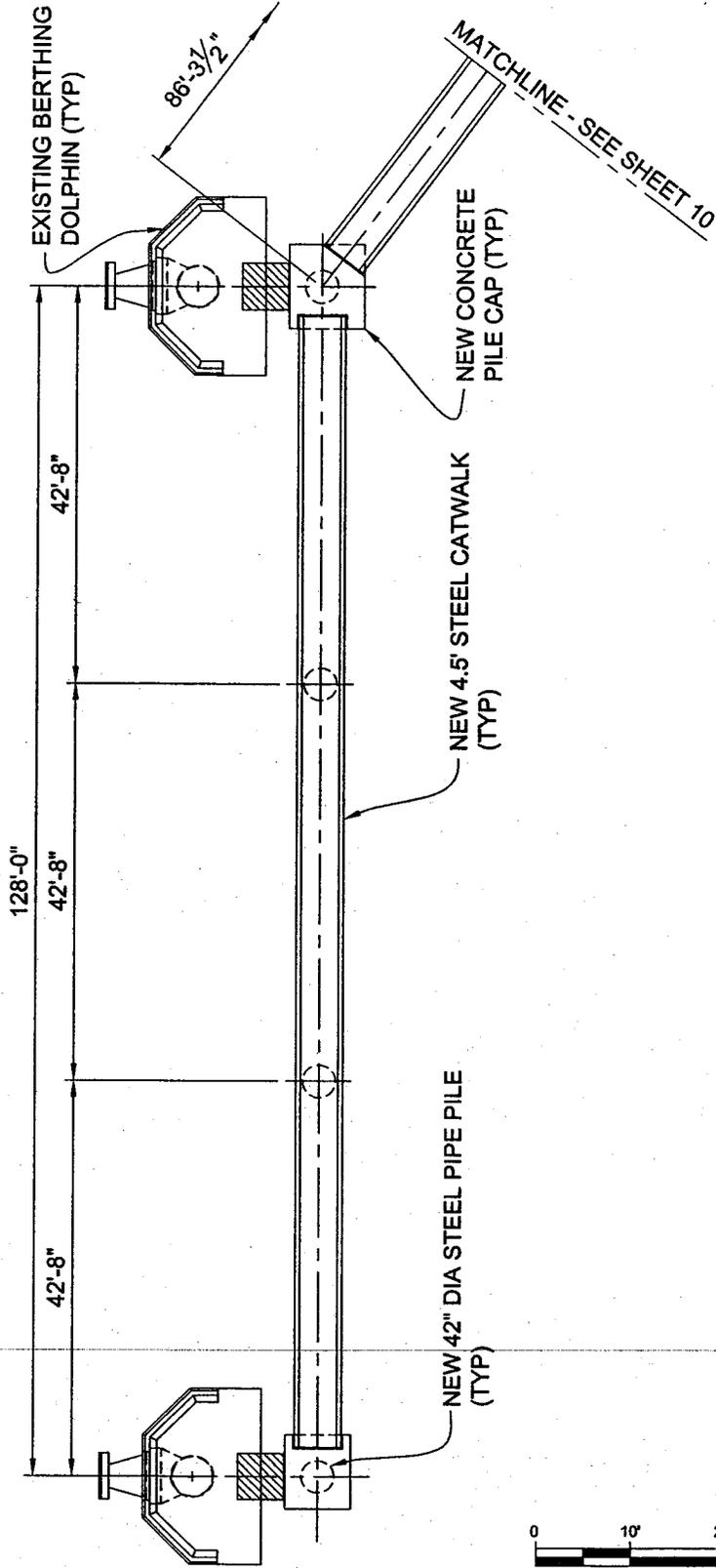


CATWALK PARTIAL PLAN NO. 1 - BERTH 167-169  
 1-8  
 3  
 1" = 20'-0"

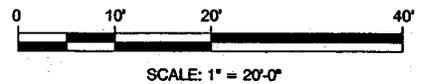


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SCALE: AS-SHOWN	DATE: 3/14	RECOMMENDED FOR APPROVAL	<b>APPLICATION FOR ARMY CORPS PERMIT</b> <b>BERTHS 167-169 MOTEMS</b>	
DRAWN: EL		CHIEF OF DESIGN <i>Stuart L. Frake</i>		
CHECKED: MW				
DESIGNED: DH				
ENGR/ARCH MW		ASSISTANT CHIEF HARBOR ENGINEER <i>Kurt Oel</i>	APPROVED <i>[Signature]</i> CHIEF HARBOR ENGINEER	 <b>THE PORT OF LOS ANGELES</b> <b>ENGINEERING DIVISION</b> <small>425 S. PALMS VERDE STREET SAN PEDRO CA 90731-3300</small>
			DRAWING NUMBER <b>5-7314-8</b>	

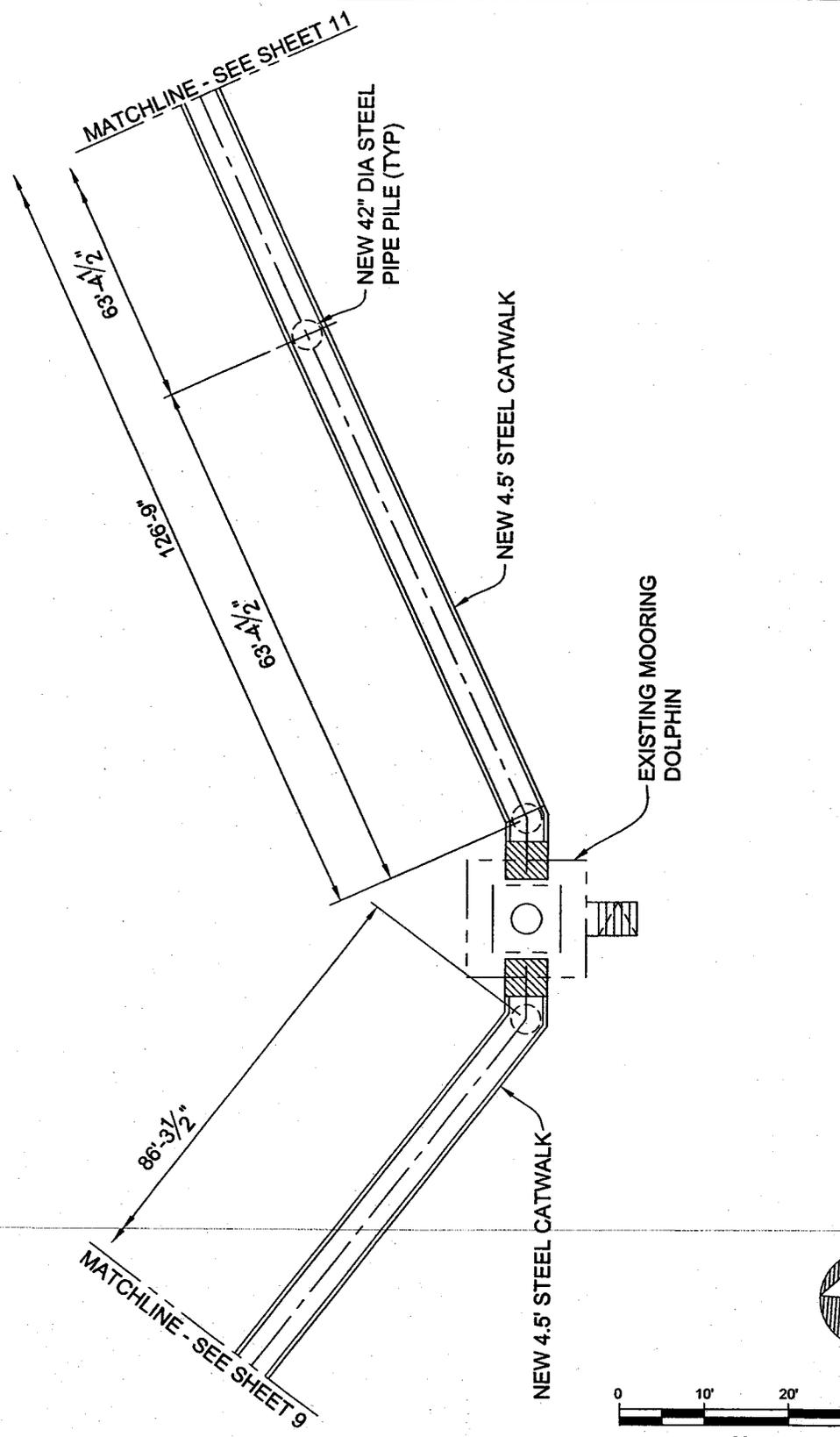


1-9  
3  
CATWALK PARTIAL PLAN NO. 2 - BERTH 167-169  
1" = 20'-0"

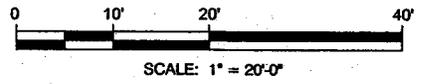


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SCALE: AS-SHOWN	DATE: 3/14	RECOMMENDED FOR APPROVAL	<h2 style="margin: 0;">APPLICATION FOR ARMY CORPS PERMIT</h2> <h2 style="margin: 0;">BERTHS 167-169 MOTEMS</h2>	
DRAWN: EL		CHIEF OF DESIGN <i>Stuart L. Froke</i>		
CHECKED: MW		APPROVED	<b>THE PORT OF LOS ANGELES ENGINEERING DIVISION</b> <small>425 S. PALOS VERDES STREET SAN PEDRO CA 90731-3300</small>	
DESIGNED: DH		CHIEF HARBOR ENGINEER <i>[Signature]</i>		
ENGR/ARCH MW		ASSISTANT CHIEF HARBOR ENGINEER <i>[Signature]</i>	DRAWING NUMBER <b>5-7314-9</b>	



1-10  
3  
CATWALK PARTIAL PLAN NO. 3 - BERTH 167-169  
1" = 20'-0"



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SCALE: AS-SHOWN	DATE: 3/14	RECOMMENDED FOR APPROVAL
DRAWN: EL	CHECKED: MW	DESIGNED: DH
ENGR/ARCH MW	ASSISTANT CHIEF HARBOR ENGINEER <i>[Signature]</i>	CHIEF OF DESIGN <i>Stuart L. Finkle</i>

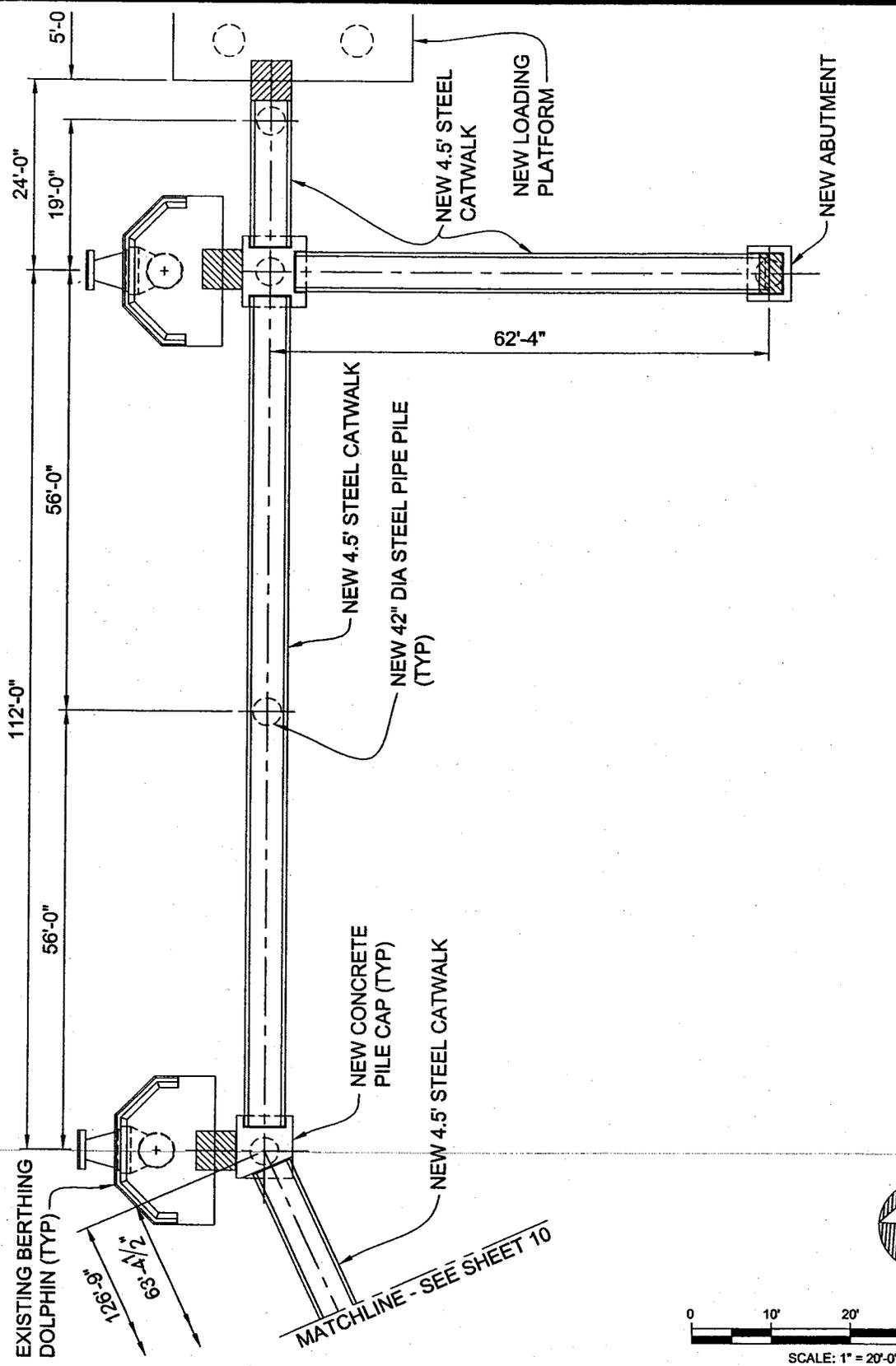
## APPLICATION FOR ARMY CORPS PERMIT

### BERTHS 167-169 MOTEMS

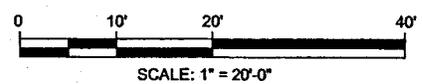
APPROVED  
*[Signature]*  
CHIEF HARBOR ENGINEER



DRAWING NUMBER  
**5-7314-10**



1-11  
3  
CATWALK PARTIAL PLAN NO. 4 - BERTH 167-169  
1" = 20'-0"



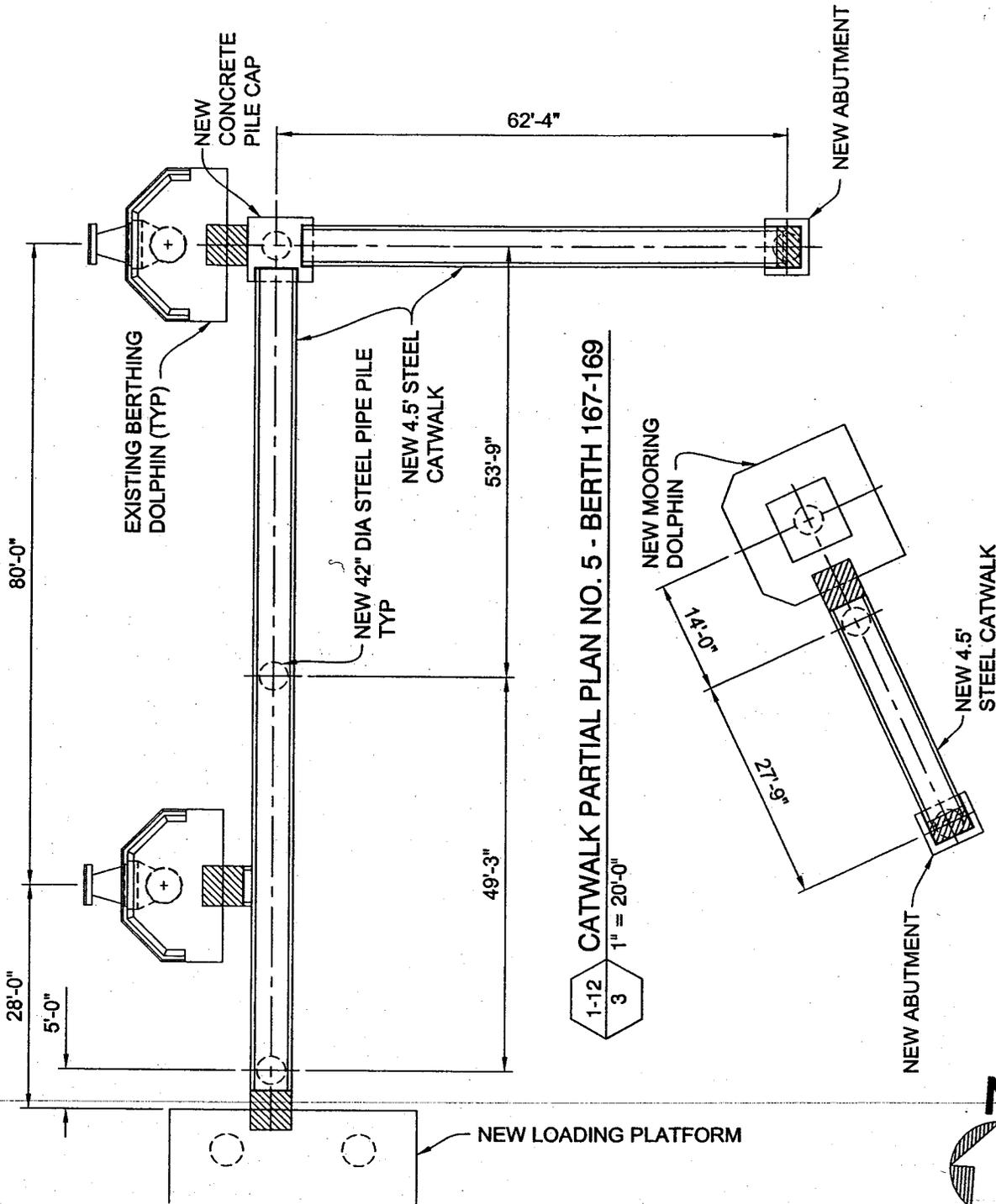
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SCALE: AS-SHOWN	DATE: 3/14	RECOMMENDED FOR APPROVAL
DRAWN: EL	CHECKED: MW	DESIGNED: DH
ENGR/ARCH MW	CHIEF OF DESIGN <i>Stuart L. Fricke</i> ASSISTANT CHIEF HARBOR ENGINEER	APPROVED <i>[Signature]</i> CHIEF HARBOR ENGINEER

**APPLICATION FOR ARMY CORPS PERMIT**  
**BERTHS 167-169 MOTEMS**

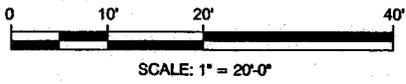
**THE PORT OF LOS ANGELES**  
**ENGINEERING DIVISION**  
425 S. PALOS VERDES STREET SAN PEDRO CA 90731-3309

DRAWING NUMBER  
**5-7314-11**



1-12 CATWALK PARTIAL PLAN NO. 5 - BERTH 167-169  
1" = 20'-0"

2-12 CATWALK PARTIAL PLAN NO. 5 - BERTH 167-169  
1" = 20'-0"



POLAPROS\_VER.1\_12/96

SCALE: AS-SHOWN		DATE: 3/14	RECOMMENDED FOR APPROVAL		APPLICATION FOR ARMY CORPS PERMIT BERTHS 167-169 MOTEMS		
DRAWN: EL			CHIEF OF DESIGN				
CHECKED: MW			<i>Stuart L. Frieke</i>		APPROVED: <i>[Signature]</i> CHIEF HARBOR ENGINEER		
DESIGNED: DH							
ENGR/ARCH			<i>[Signature]</i>		 <b>THE PORT OF LOS ANGELES ENGINEERING DIVISION</b> <small>425 S. PALMS VERDES STREET SAN PEDRO CA 90731-3308</small>		DRAWING NUMBER
MW							5-7314-12

# SCOPE OF WORK

1. REMOVE APPROXIMATELY 65,000 SQ FT OF THE EXISTING TIMBER WHARF STRUCTURE INCLUDING ABOUT 900 CREOSOTE TREATED TIMBER PILES AND 35 CUBIC YARDS OF CONCRETE FROM THE EXISTING SEAWALL FOR INSTALLING NEW CATWALKS, ACCESS TRESTLE, AND ACCESS STAIRS.
2. DRIVE EIGHT 48 " DIAMETER STEEL PIPE PILES TO SUPPORT (124 FT BY 30 FT) REINFORCED CONCRETE DECK LOADING PLATFORM.
3. DRIVE TWO 42 INCH AND TWO 48 INCH STEEL PIPE PILES TO SUPPORT 48'-7" x 24'-0" RAMP MADE UP OF 6 PRECAST CONCRETE BEAM WITH 5 INCH REINFORCED CONCRETE OVERTOPPING ACCESS TRESTLE.
4. DRIVE A 72 INCH DIAMETER AND ONE 60 INCH DIAMETER STEEL PIPE PILE TO SUPPORT TWO 324 SQ FT (18 FT BY 18 FT) PRECAST CONCRETE DECK WITH TRIPLE QUICK RELEASE HOOKS MOORING DOLPHIN.
5. DRIVE TWENTY-THREE 42 INCH DIAMETER STEEL PIPE PILES TO SUPPORT 915 FEET OF NEW 4'-6" WIDE STEEL CATWALKS.
6. CATHODIC PROTECTION - INSTALL 60 SACRIFICIAL ANODES ON NEW STEEL PIPE PILES.
7. INSTALL CRASH BARRIERS AND GUARDRAILS ON NEW STRUCTURE .
8. DREDGING OF APPROXIMATELY 2,000 CUBIC YARDS SLOPE MATERIALS THAT SLIDES FROM EXISTING SLOPE SURFACE DURING INSTALLATION OF NEW PILES OR REMOVAL OF EXISTING PILES.

SCALE: AS-SHOWN	DATE: 3/14	RECOMMENDED FOR APPROVAL	<b>APPLICATION FOR ARMY CORPS PERMIT</b>	
DRAWN: EL		CHIEF OF DESIGN <i>Stuart L. Finkle</i>		
CHECKED: MW			APPROVED: <i>[Signature]</i>	 <b>THE PORT OF LOS ANGELES ENGINEERING DIVISION</b> <small>425 S. PALOG YERDES STREET SAN PEDRO CA 90731-3300</small>
DESIGNED: DH		ASSISTANT CHIEF HARBOR ENGINEER <i>[Signature]</i>	CHIEF HARBOR ENGINEER <i>[Signature]</i>	
ENGR/ARCH MW				

# ADJACENT TENANT INFORMATION:

Berths 148-151

David Ching  
Business Manager  
Phillips 66  
1660 W. Anaheim Street  
Wilmington, CA 90744  
(310) 952-6062

Berth 164

Stephen Faichney  
Director, Public and Government Affairs  
Valero  
2402 E Anaheim Street  
Wilmington, CA 90744  
(562) 491-6621

Berth 153-155

Wray Bartling  
Terminal Manager  
Pasha Properties Inc.  
802 S. Fries Avenue  
Wilmington, CA 90744  
(310) 835-5042

Berth 165-166

Jim Silva  
U.S. Borax Inc.  
300 Falcon Street  
Wilmington, CA 90744  
(310) 522-5369

Berth 156-159

Port of Los Angeles  
Real Estate Division  
222 West 6th Street  
San Pedro, CA 90731

Berths 174-181

Wray Bartling  
Terminal Manager  
Pasha Properties Inc.  
802 S. Fries Avenue  
Wilmington, CA 90744  
(310) 835-5042

Berth 163

Matt Ryan  
Terminal Manager  
NuStar Energy, L.P.  
841 La Paloma Avenue  
Wilmington, CA 90744  
(310) 816-1206

NOTE:

No substructures are shown on this drawing.  
Accurate substructure information must be  
obtain from leasees and L.A.H.D. engineering  
records.

SCALE: AS-SHOWN	DATE: 3/14	RECOMMENDED FOR APPROVAL	<b>APPLICATION FOR ARMY CORPS PERMIT</b>		
DRAWN: EL		CHIEF OF DESIGN <i>Stuart L. Fraike</i>			<b>BERTHS 167-169 MOTEMS</b>
CHECKED: MW		DESIGNED: DH	ASSISTANT CHIEF HARBOR ENGINEER <i>Yuri Cel</i>	APPROVED <i>[Signature]</i> CHIEF HARBOR ENGINEER	DRAWING NUMBER <b>5-7314-14</b>
ENGR/ARCH MW			 <b>THE PORT OF LOS ANGELES ENGINEERING DIVISION</b> <small>425 S. PALOS VERDES STREET SAN PEDRO CA 90731-3309</small>		