

Los Angeles Region
**CONTAMINATED
SEDIMENTS
TASK FORCE**

RECEIVED
2011 APR 12 PM 2 21
CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD
LOS ANGELES REGION

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.



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) Lily Becaria, lbecaria@portla.org	
Mailing Address P.O. Box 151		City San Pedro	
State CA	Zip 90733-0151	Business Phone (310) 732-3669	Residence Phone

2. LEGAL INTEREST (see instructions)

Individual
 Legal Entity
 Government
 Non-profit

Other (Please provide description): _____

Note: You will need to provide a copy of legal interest with this application (e.g., title, lease, deed, and easement).

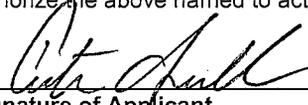
3. REPRESENTATIVE INFORMATION (see instructions)

Applicant's authorized agent, point of contact, and/or representative None

Name/Title Antonio V. Gioiello - Chief Harbor Engineer	Organization Port of Los Angeles - Engineering Division
Mailing Address P.O. Box 151	City San Pedro
State CA	Zip 90733-0151
Business Phone (310) 732-3877	Residence Phone

Who should receive correspondence relevant to this application?
 Applicant
 Representative
 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 4/6/11

THIS BOX IS FOR OFFICIAL USE ONLY:		Data Base Entry <input 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. _____	

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SECTION II - PROJECT INFORMATION

4. GENERAL PROJECT INFORMATION (see instructions)

Project Name or Title Berth 156 Bulkhead Wall		
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		
Project need and/or purpose: see attached		
Month and year work is proposed to begin 2/12	Estimated completion date 2/13	Estimated total project cost \$3,400,000

5. DREDGING INFORMATION (see instructions)

Dredge Site Berth 156	County Los Angeles	Nearest City Wilmington
Latitude(s) 33-45'-31"	Longitude(s) 118-16'-12"	Waterway Los Angeles Harbor - Slip 1
Type and composition of dredged material (Please give percentages if available) <input checked="" type="checkbox"/> Sand _____ <input checked="" 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		
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 ²		
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 construction will consist of a new waterfront facility for loading and unloading barges.		
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 see attached photos of Berth 156. As shown in the attached photos, the historical wharf was removed approximately 10-15 years ago. All that remains is a rock dike. Please describe how the impacts would be mitigated:		

BOX 5 (CONTINUED)

Depth of dredging based on Mean Lower Low Water (MLLW) datum
Existing depth: slope: +12' to -30' Over/depth tolerance: 2'-0"
Proposed design depth: -14' Proposed total depth: -16'

Volume of material to be dredged: 2,200 cy, area of dredging: 0.16 acres

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

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

Agency	Permit/Approval	Permit No.	Issue Date
U.S Army Corps of Engineers	File No.SPL-2008-00544-SDM	Application was cancelled	none
California Regional Water QCE	R4-2008-0204,4B190106122	Application was cancelled	none

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: _____

Total volume of dredged material designated for aquatic disposal: _____ 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: _____

Volume of dredged material designated for this aquatic disposal site: _____ cy
Is the site an existing site that regularly receives dredged material? Yes No
Year site was last used for dredged material disposal: _____
Proposed type of equipment/construction methods to be used:
A manned discharge barge with self-contained positioning capability

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:
The sediment was shown to not be suitable for ocean disposal

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: 2,200 cy

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

Site Name:
Material will be dry out at B206-209 and then will be disposed at an approved disposal site.

BOX 6 (CONTINUED)

Site Description (see instructions): unknown at the present time			
Site Address	City	State	Zip
Latitude(s)	Longitude(s)	Zoning	
Owner's Name Port of Los Angeles - Antonio V. Gioiello - CHE		Phone Number 310-732-3877	
Address 425 S Palos Verdes St	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 type="checkbox"/> Yes <input type="checkbox"/> No Year site was last used for dredged material disposal: _____ Volume of dredged material designated for this disposal site: <u>2,200</u> cy Proposed type of equipment to be used: barge, liquid tight trucks			
Will disposal result in the construction of temporary or permanent structures? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, please describe:			
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please describe the number of truck trips and the route to be used: 195 trucks @10cy capacity ea., traveling from B206-209 (dredge transfer site) to an approved disposal site			
(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 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:			
Habitat Size: _____ acres or ft ²		Size of area impacted: _____ acres or ft ²	
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 type="checkbox"/> No	<input type="checkbox"/> N/A	
2. U.S. Fish and Wildlife	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
3. U.S. Army Corps of Engineers	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
4. National Marine Fisheries Service	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
5. U.S. Bureau of Land Management	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
6. Nat'l Oceanic & Atmospheric Association	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
7. CA Environmental Protection Agency	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
8. CA Department of Fish & Game	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
9. CA State Lands Commission	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
10. S. Coast Air Quality Mgmt. District	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
11. California Coastal Commission	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> N/A	
12. Regional Water Quality Control Board	<input 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:	
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:
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:
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:
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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Fishery Type: <input type="checkbox"/> Coastal Pelagic Species <input type="checkbox"/> Salmon <input type="checkbox"/> Pacific Coast Groundfish
<i>Note: If more than one, please attach a supplemental list.</i>
Affected Species :
Has an analysis of the effect of the project on managed species been conducted ? <input type="checkbox"/> Yes <input 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 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:

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:
Type of Environmental Documentation: <input checked="" type="checkbox"/> CE <input type="checkbox"/> ND <input type="checkbox"/> EIR Date of Approval: <u>March 12, 2008</u> or Approximate date of completion: _____
NEPA Lead Agency:
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 <input checked="" type="checkbox"/> None Required Number _____ Date of Application _____ Date of Issuance _____
LOCAL GOVERNMENT APPROVALS
Approving Agency: _____ Approval Type: _____
Approval Date: _____ Local Contact & Phone: _____
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 Pasha Stevedoring & Terminals			
Address 802 S. Fries Ave	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 checked="" type="checkbox"/> Lessee <input type="checkbox"/> Other (explain): Berths 152-155			
Name L.A.H.D. Construction & Maintenance			
Address 500 Pier A Street	City Wilmington	State CA	Zip 90744
Property adjoins: <input checked="" type="checkbox"/> Dredging Site <input type="checkbox"/> Disposal Site Party given is: <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Lessee <input checked="" type="checkbox"/> Other (explain): Berth 161			
Name Shore Terminals			
Address 841 La Paloma	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 checked="" type="checkbox"/> Lessee <input type="checkbox"/> Other (explain): Berths 163-164			
Name Ultramar, Inc.			
Address 2402 E. Anaheim St.	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 checked="" type="checkbox"/> Lessee <input type="checkbox"/> Other (explain): Berth 164			

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 checked="" type="checkbox"/>		<input type="checkbox"/>	_____
Testing Data:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	_____
Environmental Documentation:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	_____
Dredging & Disposal Plan:	<input type="checkbox"/>		<input checked="" type="checkbox"/>	5/20/2011
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

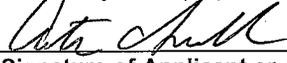
The California Coastal Commission may adopt or amend regulations affecting the issuance of coastal development permits. If you would like notice of such proposals during the pendency of this application, if such proposals are reasonably related to this application, please indicate that desire: Yes No

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

4/6/11
Date

APPENDIX A – DECLARATION OF CAMPAIGN CONTRIBUTIONS

Please read and fill out the following if you are using this form to apply for a Coastal Development Permit (CDP) from the California Coastal Commission.

Government Code Section 84308 prohibits any Commissioner from voting on a project if he or she has received campaign contributions in excess of \$250 within the past year from project proponents or opponents, their agents, employees or family, or any person with a financial interest in the project.

In the event of such contributions, a Commissioner must disqualify himself or herself from voting on the project.

Each applicant must declare below whether any such contributions have been made to any of the listed Commissioners or Alternates (see attached list – Roster of Commissioners).

Check One

- The applicants, their agents, employees, family and/or any person with a financial interest in the project **have not contributed** over \$250 to any Commissioner(s) or Alternate(s) within the past year.
- The applicants, their agents, employees, family and/or any person with a financial interest in the project **have contributed** over \$250 to any Commissioner(s) or Alternate(s) within the past year.

Commissioner or Alternate _____

Commissioner or Alternate _____

Commissioner or Alternate _____

Signature of Applicant or Authorized Agent

Date

Please print your name _____

APPENDIX B - DECLARATION OF POSTING

Please read and fill out the following if you are using this form to apply for a Coastal Development Permit (CDP) from the California Coastal Commission.

TO: Applicant

Pursuant to the requirements of California Administrative Code 13054(b), this certifies that I/we have posted the "Public Notice" of application to obtain Coastal Commission Permit No. _____

for:

located:

The public notice was posted at a conspicuous place, easily read by the public and as close as possible to the site of the proposed development.

(Signature)

(Date)

NOTE: YOUR APPLICATION CANNOT BE PROCESSED UNTIL THIS "DECLARATION OF POSTING" IS RETURNED TO THE CALIFORNIA COASTAL COMMISSION OFFICE. If the site is not posted at least eight days prior to the meeting at which the application is scheduled for hearing, or the Declaration of Posting is not received in our office prior to the hearing, your application will be removed from its scheduled agenda and will not be rescheduled for Commission action until the Declaration of Posting has been received by this office.

Box 4. GENERAL PROJECT INFORMATION

Project description:

The project consists of the following items:

- Remove the existing rip rap on the slope from elevation +12.0' to elevation -14.0'. Rip rap shall be salvaged and re-used on new slope.
- Dredge approximately 2,200 cy of dredge material which will be disposed of at an approved upland soil disposal site.
- Remove and dispose approximately 56 timber pile stubs located within proposed dredge area. The stubs shall be removed down to the dredge line.
- Remove and dispose approximately 190 lineal feet of existing timber bulkhead located within the proposed dredge area. The timber bulkhead shall be removed down to the dredge line.
- Construct approximately 190 ft of bulkhead wall. The wall will consist of steel king piles and sheet piles.
- Construct approximately 3.5'x.5'x190' reinforced concrete pile cap on top of the bulkhead wall.
- Construct approximately 55' transverse sheet wall. The wall will consist of sheet piles which will protect the side slope of the existing timber wharf at b155.
- Construct approximately 76'x7.5'x6" thick reinforced concrete ramp and 4-4'x4' anchor blocks landside of the bulkhead wall.
- Place approximately 270 cy of salvaged rip rap on new slope.
- Construct 4 mooring dolphins. Each dolphin will consist of a group of 5 concrete piles connected with a concrete cap.
- Grade and pave the area adjacent to the new ramp.
- The existing slope, wharf, and shed at berth 155 shall remain.

See attached drawing 5-7298-1-8

Project need and/or purpose:

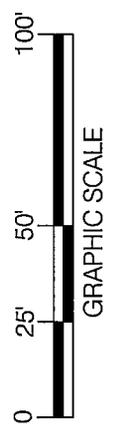
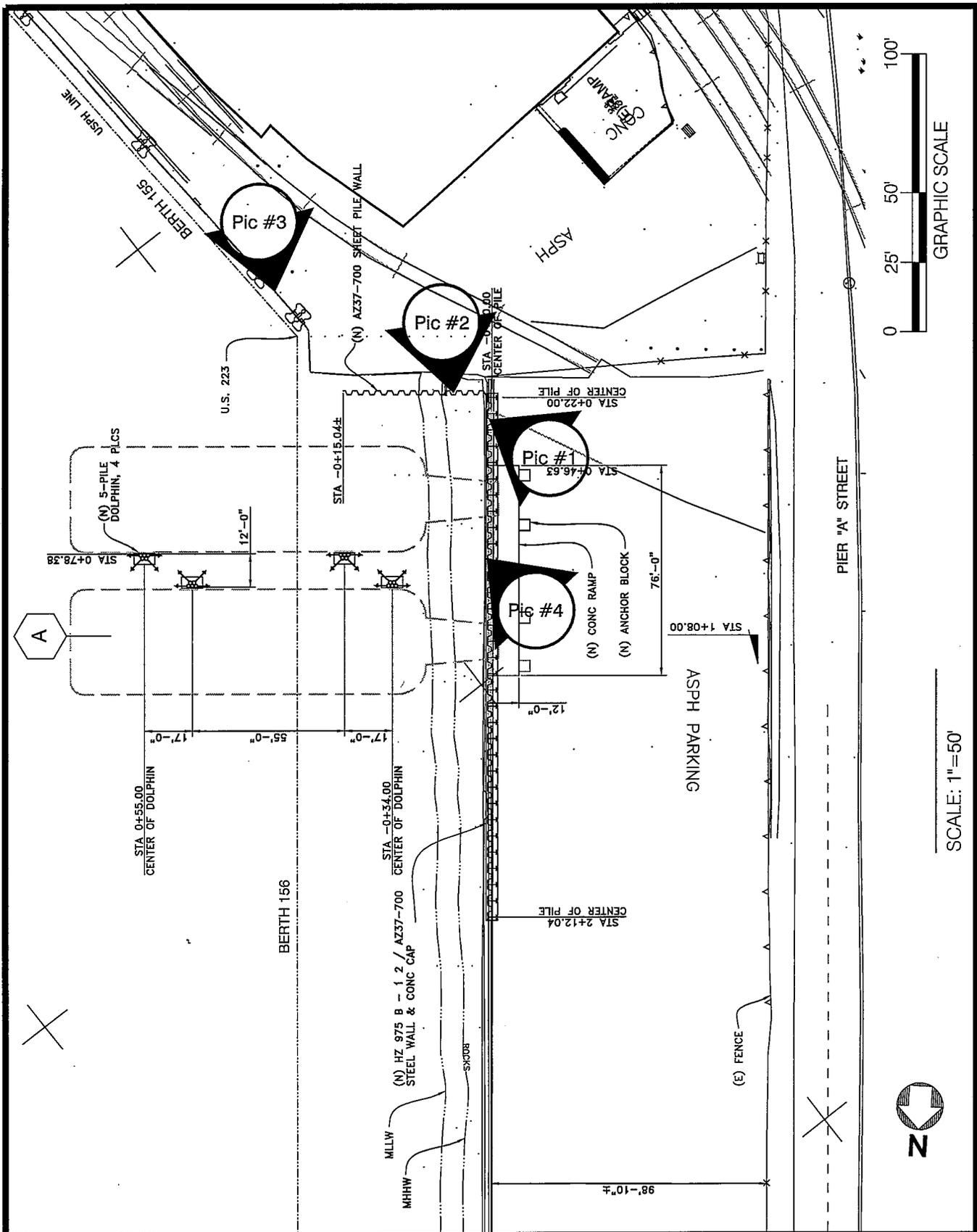
Catalina Freight Company will be relocated from Berth 184 to Berths 155-156. The new facility at Berths 155-156 is currently underutilized, with occasional bulk storage in the historic warehouse building and occasional lay-berth use of the wharf. The Catalina Freight operation will allow for much more efficient use of the facility, while preserving the historic warehouse and wharf. The current facility at Berth 184 will be freed for other uses.

5. DREDGING INFORMATION

Will the proposed dredging affect a historic/cultural resource?

Please see attached photos of Berth 156. As shown in the attached photos, the historical wharf was removed (approx 10-15 years ago). All that remains is a rock dike.

The project does not include any work at Berth 155. The project does include work at the shed at B155 (a historical structure) but the work is interior work only (upgrading the HVAC and bathrooms) and will not damage the historical integrity of the building.



SCALE: 1"=50'

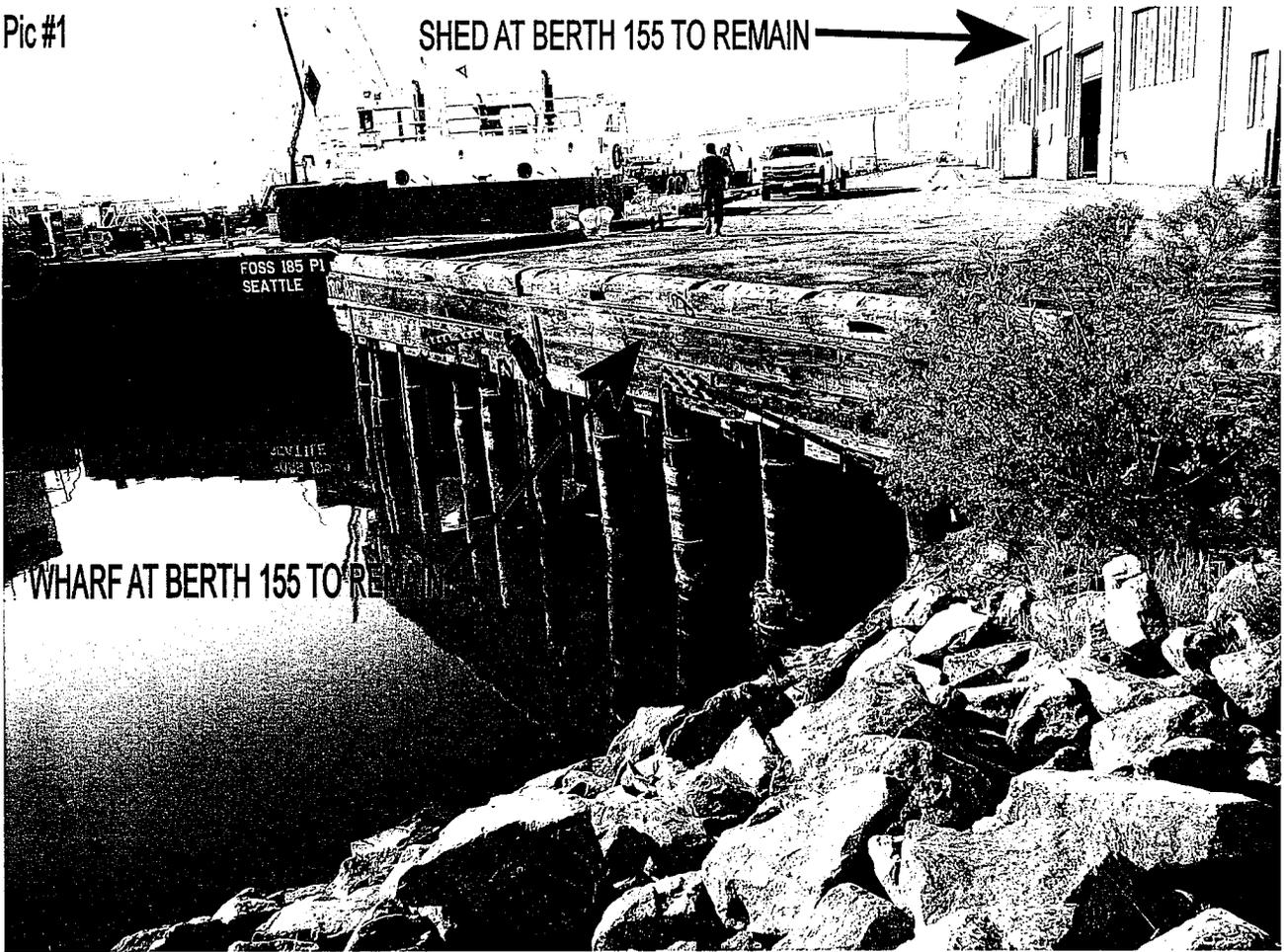


SCALE: AS SHOWN	DATE:	RECOMMENDED FOR APPROVAL	<h1>PICTURE KEY - BERTH 156 BULKHEAD WALL</h1>
DRAWN:		CHIEF OF DESIGN	
CHECKED:			
DESIGNED:			
ENGR/ARCH	ASSISTANT CHIEF HARBOR ENGINEER	APPROVED	 <p>THE PORT OF LOS ANGELES ENGINEERING DIVISION P.O. BOX 151 SAN PEDRO, CA. 90733-0151</p>
		CHIEF HARBOR ENGINEER	DRAWING NUMBER

POLAPROS_VER.1_12/96

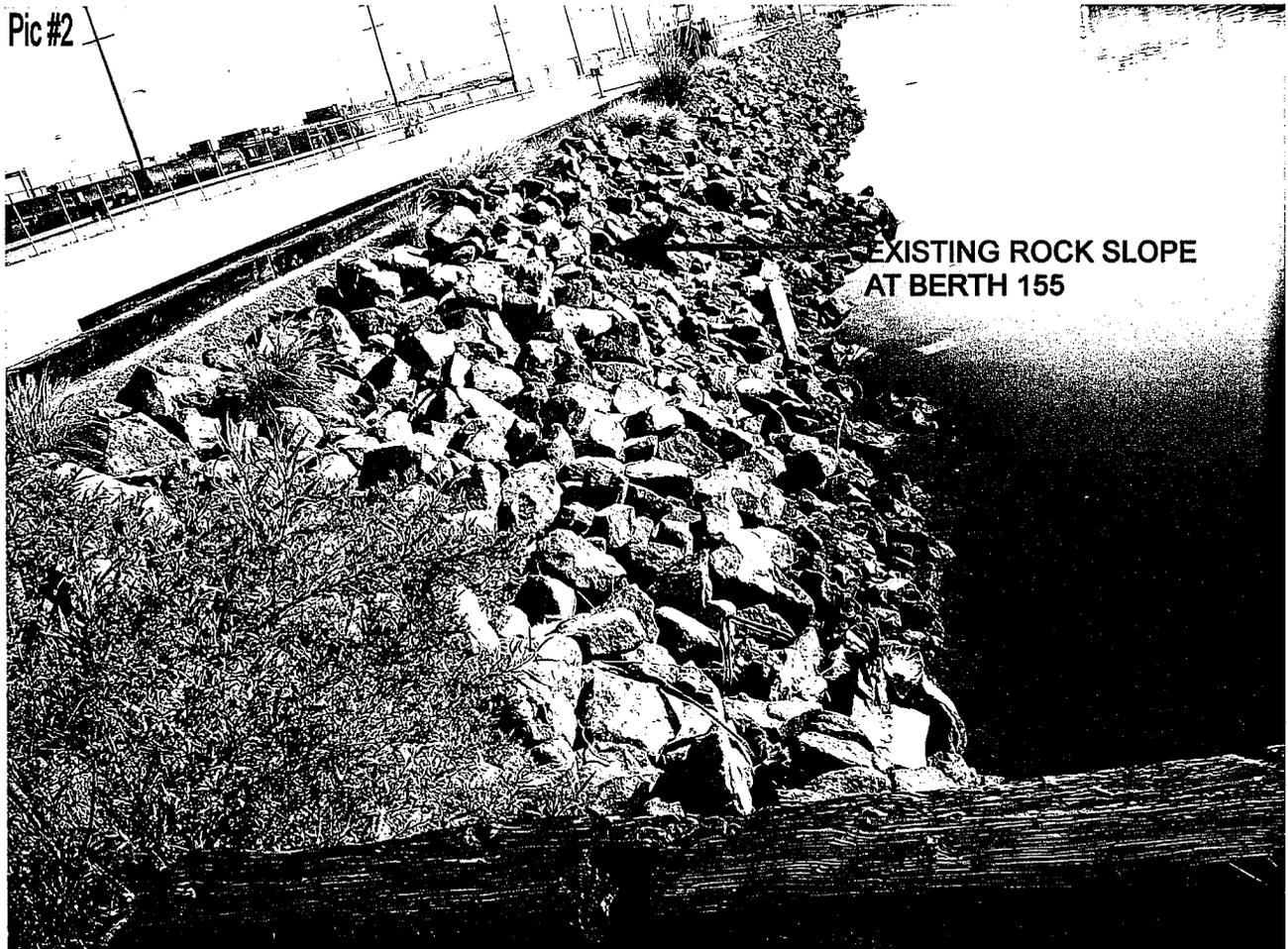
Pic #1

SHED AT BERTH 155 TO REMAIN

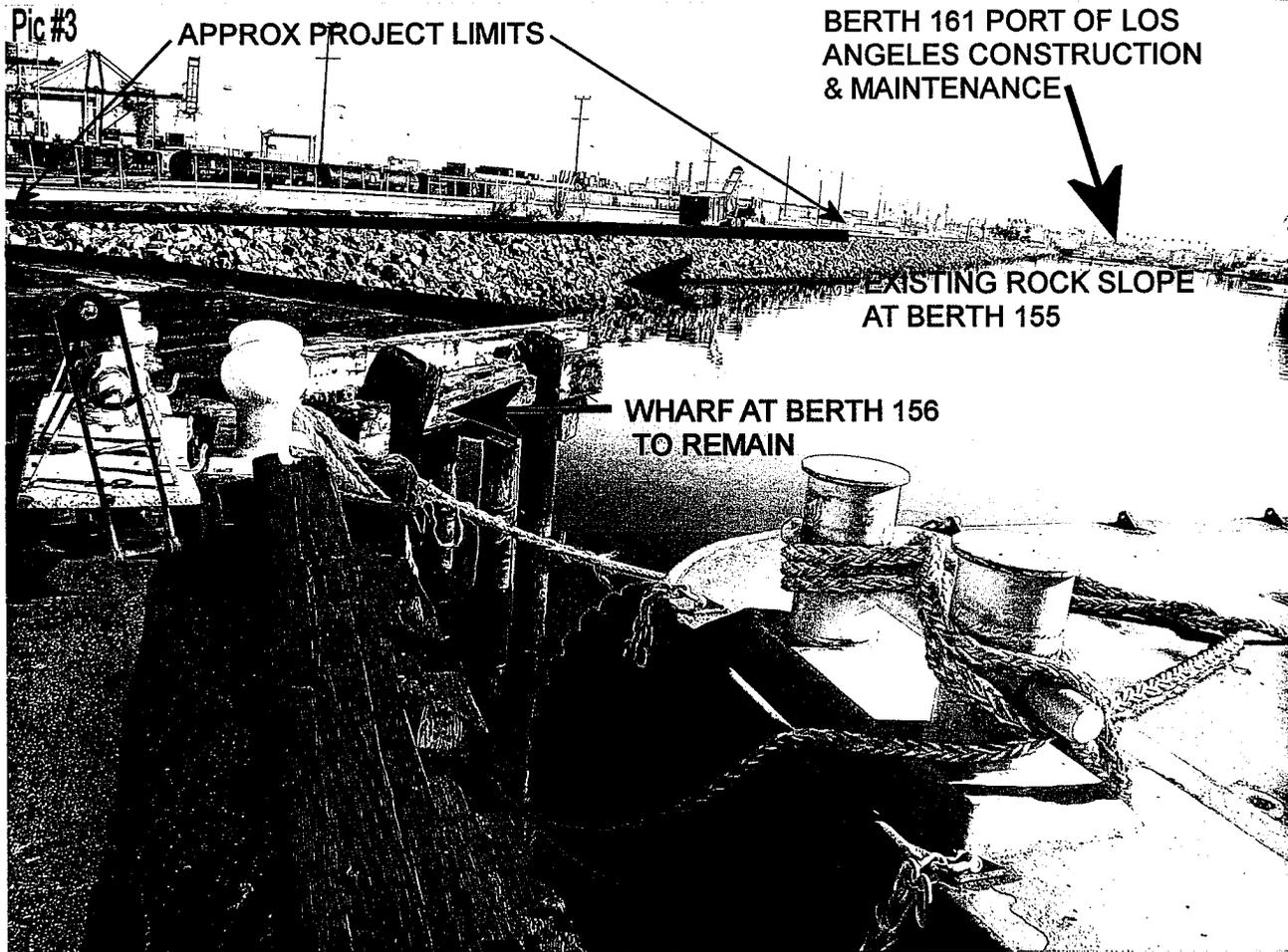


Pic #2

EXISTING ROCK SLOPE AT BERTH 155

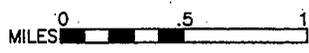
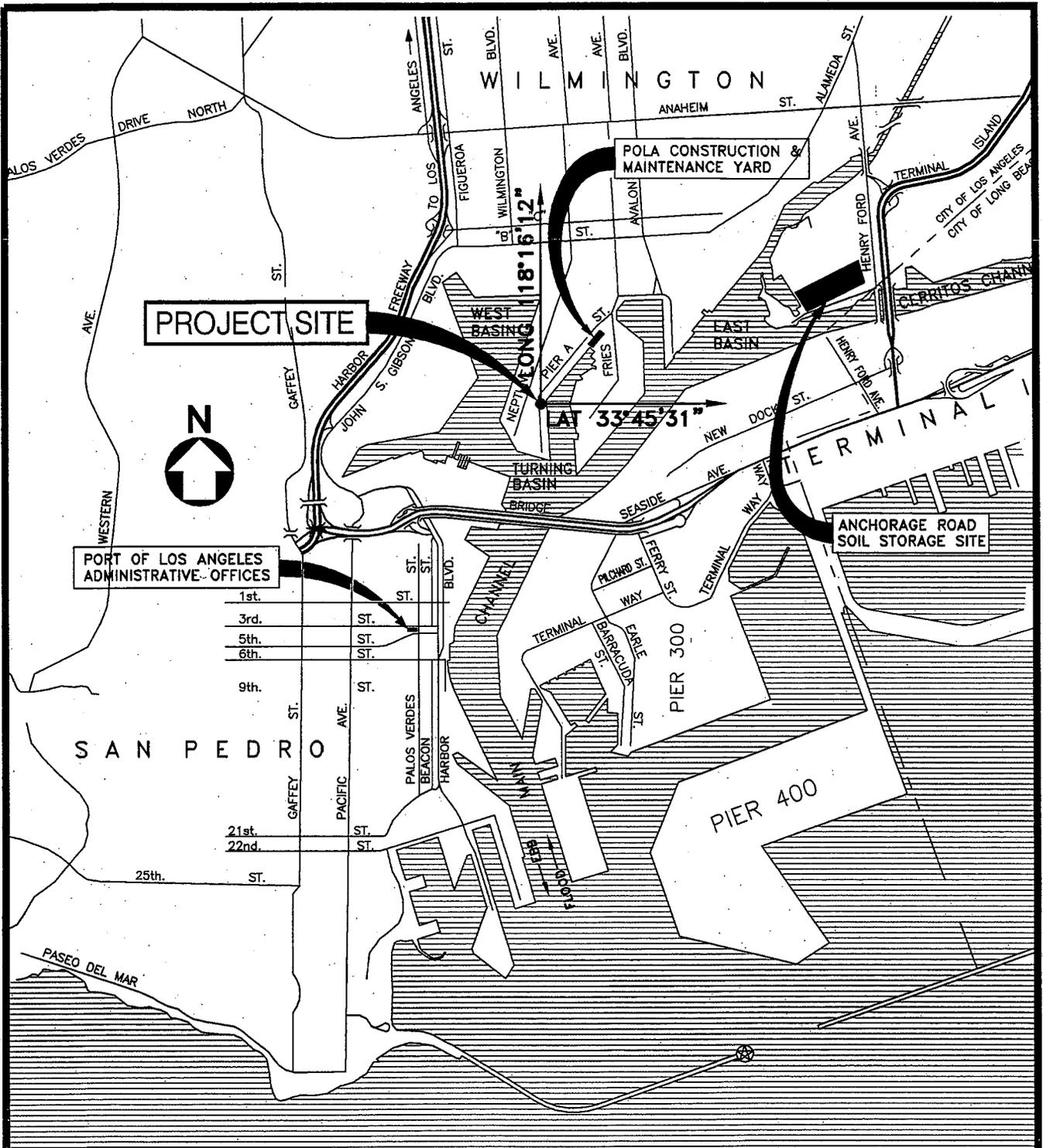


Pic #3



Pic #4





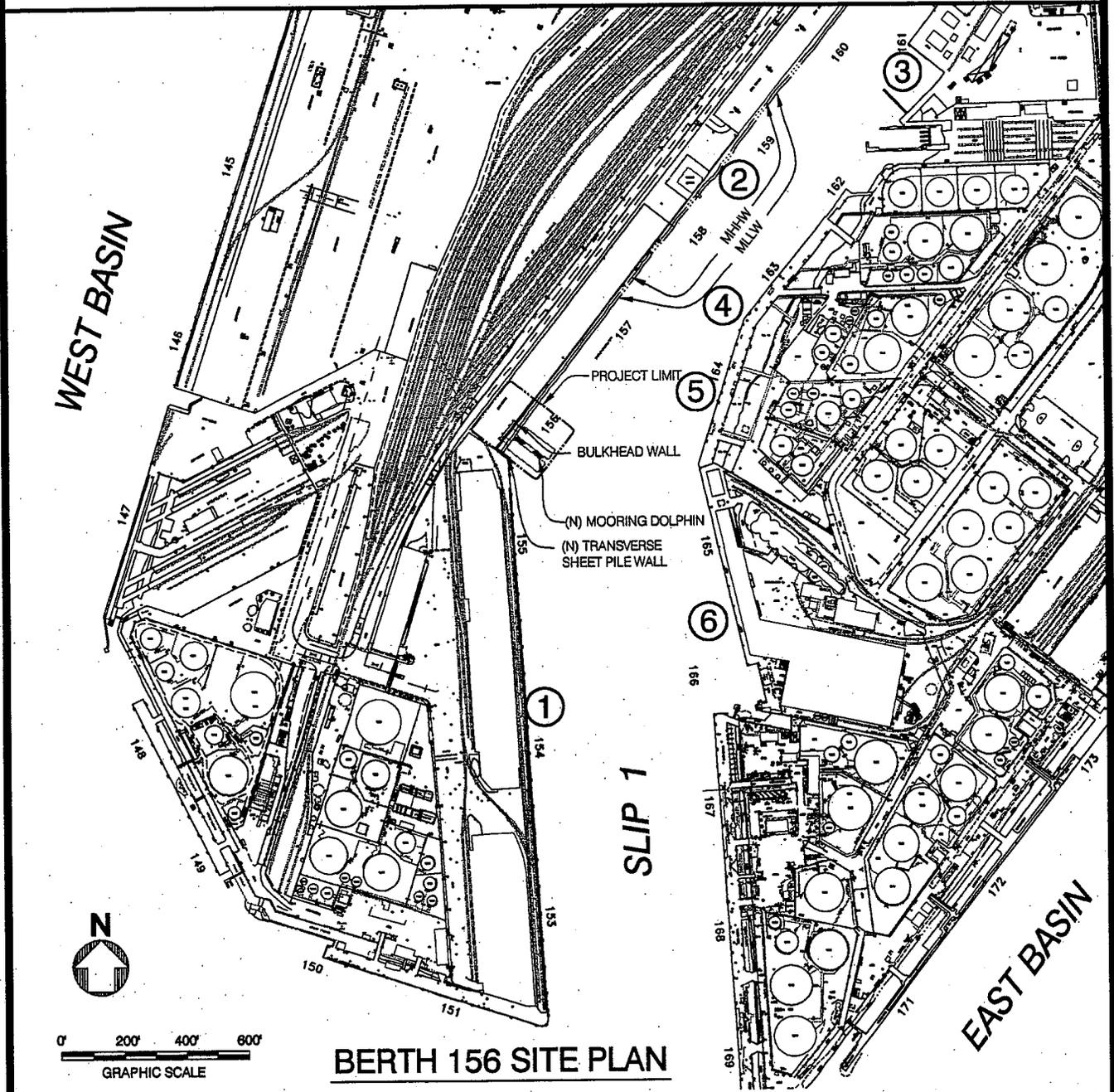
VICINITY MAP

POLAPROS_VER.1_12/96

SCALE: AS-SHOWN	DATE: 3/11	RECOMMENDED FOR APPROVAL	APPLICATION FOR ARMY CORPS PERMIT BERTH 156 BULKHEAD WALL		
DRAWN: Z. LIU	CHECKED: A. LJM	DESIGNED: L. BECARIA			ENGR/ARCH
		CHIEF OF DESIGN <i>Stuart L. Fricks</i>	APPROVED <i>[Signature]</i> CHIEF HARBOR ENGINEER	THE PORT OF LOS ANGELES ENGINEERING DIVISION 425 S. PALOS VERDES STREET SAN PEDRO CA 90731-3300	DRAWING NUMBER 5-7298-1

ADJACENT TENANTS

- ① B152-155: Pasha Stevedoring & Terminals L.P
- ② B156-160: Unassigned
- ③ B161: POLA Construction & Maintenance
- ④ B163-164: Shore Terminals, LLC
- ⑤ B164: Ultramar, Inc.
- ⑥ B165-166: U.S. Borax



SCALE: AS-SHOWN	DATE: 3/11	RECOMMENDED FOR APPROVAL
DRAWN: Z. LIU	CHECKED: A. LIM	DESIGNED: L. BECARIA
ENGR/ARCH	ASSISTANT CHIEF HARBOR ENGINEER	CHIEF OF DESIGN <i>Stuart L. Frick</i>

APPLICATION FOR ARMY CORPS PERMIT

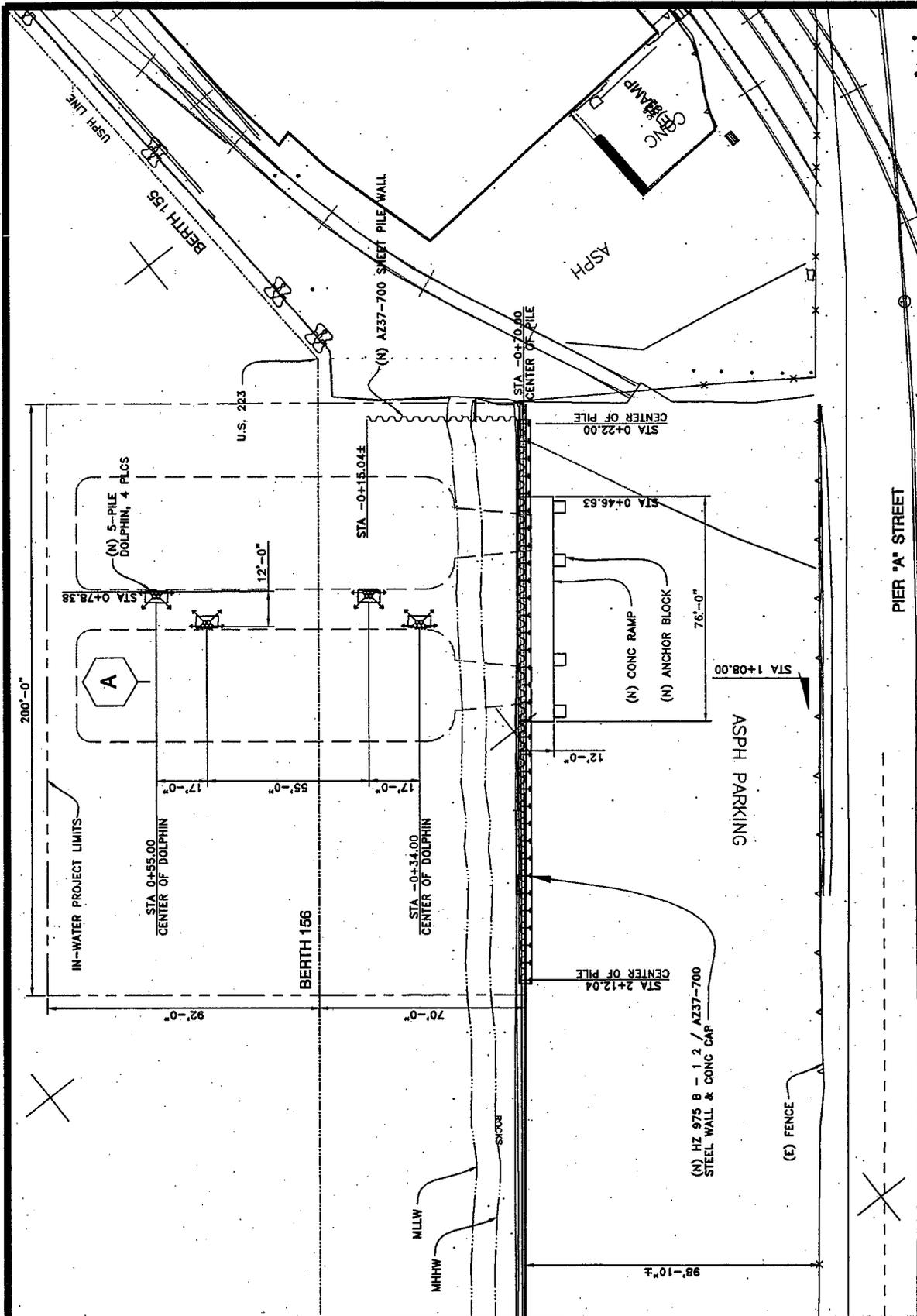
BERTH 156 BULKHEAD WALL

APPROVED: *[Signature]*
CHIEF HARBOR ENGINEER

LA THE PORT OF LOS ANGELES ENGINEERING DIVISION
425 S. PALMS YERDES STREET SAN PEDRO CA 90731-3206

DRAWING NUMBER
5-7298-2

POLAPROS_VER.1_12/96



GRAPHIC SCALE
0 25 50 100'

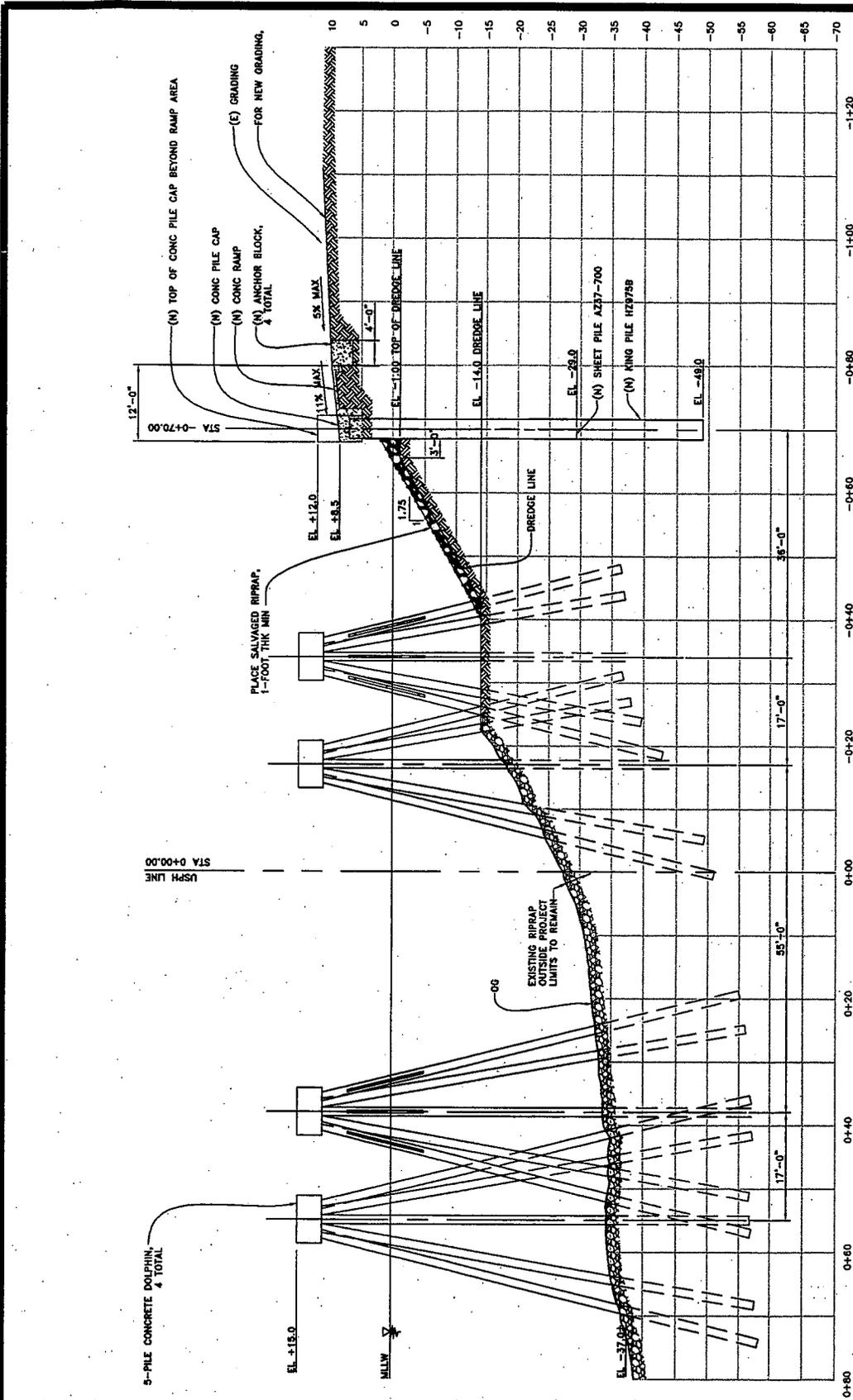
BULKHEAD WALL / MOORING DOLPHINS LAYOUT
SCALE: 1"=50'

N

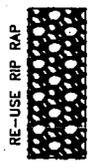
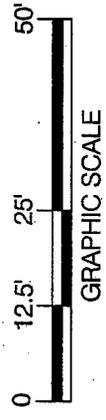
POLAPROS_VER.1_12/96

SCALE: AS--SHOWN		DATE: 3/11		RECOMMENDED FOR APPROVAL		APPLICATION FOR ARMY CORPS PERMIT	
DRAWN: Z. LIU		CHECKED: A. LIM		DESIGNED: L. BECARIA			
ENGR/ARCH:		CHIEF OF DESIGN <i>Stuart L. Frick</i>		ASSISTANT CHIEF HARBOR ENGINEER		APPROVED <i>[Signature]</i> CHIEF HARBOR ENGINEER	
						THE PORT OF LOS ANGELES ENGINEERING DIVISION 425 S. PALMO VERDES STREET SAN PEDRO CA 90731-3300	
						DRAWING NUMBER 5-7298-5	

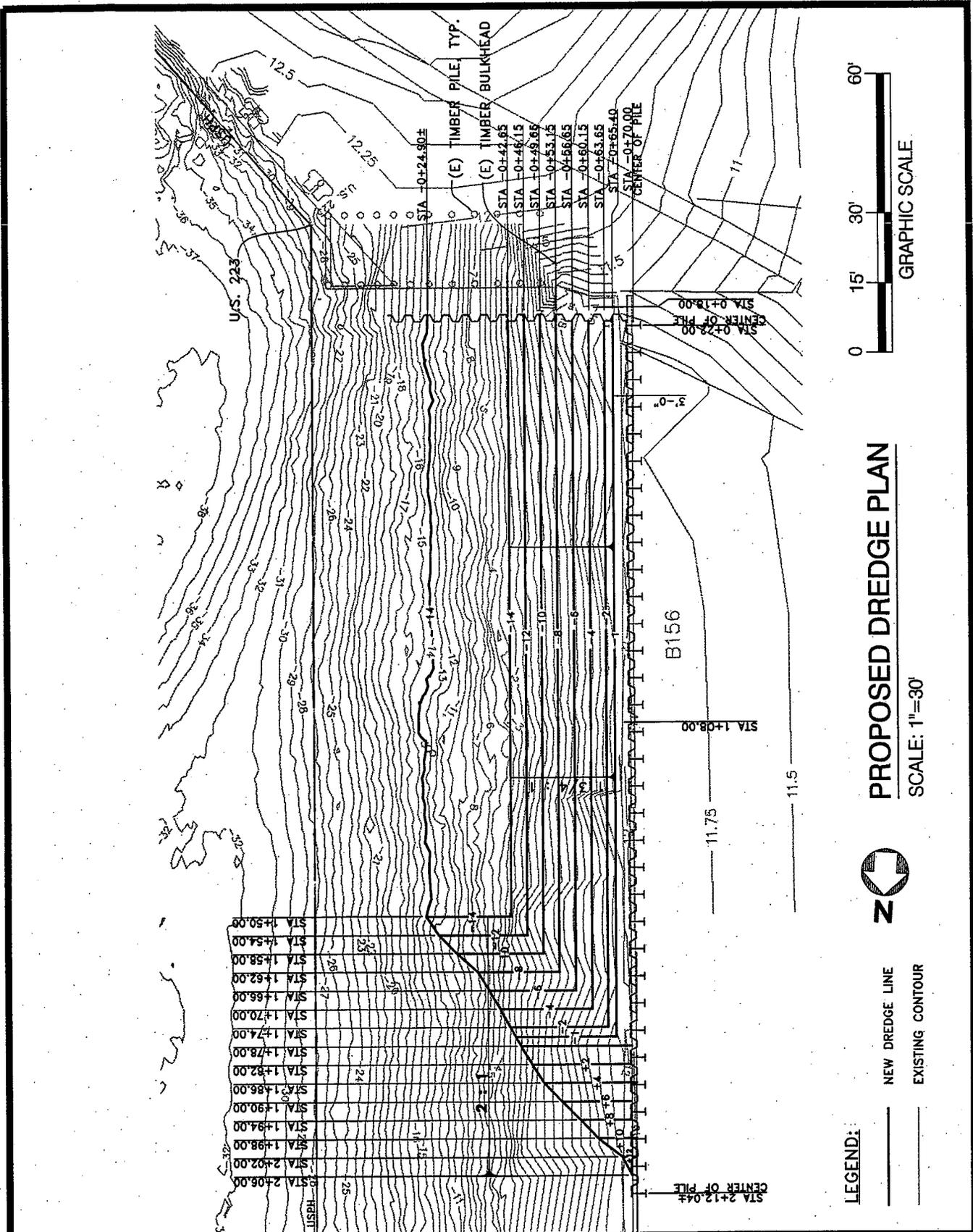
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A CROSS SECTION AT STATION 1+08.00
SCALE: 1"=25'



SCALE: AS-SHOWN		DATE: 3/11		RECOMMENDED FOR APPROVAL		APPLICATION FOR ARMY CORPS PERMIT	
DRAWN: Z. LIU		CHECKED: A. LIM		DESIGNED: L. BECARIA			
ENGR/ARCH		ASSISTANT CHIEF HARBOR ENGINEER		APPROVED		BERTH 156 BULKHEAD WALL <small>THE PORT OF LOS ANGELES ENGINEERING DIVISION 425 S. PALMS YERDES STREET SAN PEDRO CA 90731-3300</small>	
				 CHIEF HARBOR ENGINEER			



PROPOSED DREDGE PLAN
SCALE: 1"=30'



LEGEND:
 ——— NEW DREDGE LINE
 - - - - - EXISTING CONTOUR

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SCALE: AS-SHOWN		DATE: 3/11		RECOMMENDED FOR APPROVAL		APPLICATION FOR ARMY CORPS PERMIT			
DRAWN: Z. LIU		CHECKED: A. LIM		CHIEF OF DESIGN <i>Stuart Frike</i>		BERTH 156 BULKHEAD WALL			
DESIGNED: L. BECARIA		ENGR/ARCH				ASSISTANT CHIEF HARBOR ENGINEER <i>St. Chalk</i>		THE PORT OF LOS ANGELES ENGINEERING DIVISION 425 S. PALM ST. YERBES STREET SAN PEDRO CA 90731-6300	

SCOPE OF WORK:

1. REMOVE THE EXISTING RIP RAP ON THE SLOPE FROM ELEVATION +12.0' TO ELEVATION -14.0'. RIP RAP SHALL BE SALVAGED AND RE-USED ON NEW SLOPE.
2. DREDGE APPROXIMATELY 2,200 CY OF DREDGE MATERIAL WHICH WILL BE DISPOSED OF AT AN APPROVED UPLAND SOIL STORAGE SITE.
3. REMOVE AND DISPOSE APPROXIMATELY 56 TIMBER PILE STUBS LOCATED WITHIN PROPOSED DREDGE AREA. THE STUBS SHALL BE REMOVED DOWN TO THE DREDGE LINE.
4. REMOVE AND DISPOSE APPROXIMATELY 190 LINEAL FEET OF EXISTING TIMBER BULKHEAD LOCATED WITHIN THE PROPOSED DREDGE AREA. THE TIMBER BULKHEAD SHALL BE REMOVED DOWN TO THE DREDGE LINE.
5. CONSTRUCT APPROXIMATELY 190 FT OF BULKHEAD WALL. THE WALL WILL CONSIST OF STEEL KING PILES AND SHEET PILES.
6. CONSTRUCT APPROXIMATELY 3.5'x.5'x190' REINFORCED CONCRETE PILE CAP ON TOP OF THE BULKHEAD WALL.
7. CONSTRUCT APPROXIMATELY 55' TRANSVERSE SHEET WALL. THE WALL WILL CONSIST OF SHEET PILES WHICH WILL PROTECT THE SIDE SLOPE OF THE EXISTING TIMBER WHARF AT B155.
8. CONSTRUCT APPROXIMATELY 76'X7.5'X6" THICK REINFORCED CONCRETE RAMP AND 4-4'X4' ANCHOR BLOCKS LANDSIDE OF THE BULKHEAD WALL.
9. PLACE APPROXIMATELY 270 CY OF SALVAGED RIP RAP ON NEW SLOPE.
10. CONSTRUCT 4 MOORING DOLPHINS. EACH DOLPHIN WILL CONSIST OF A GROUP OF 5 CONCRETE PILES CONNECTED WITH A CONCRETE CAP.
11. GRADE AND PAVE THE AREA ADJACENT TO THE NEW RAMP.
12. THE EXISTING SLOPE, WHARF, AND SHED AT BERTH 155 SHALL REMAIN.

SCALE: AS-SHOWN		DATE: 3/11	RECOMMENDED FOR APPROVAL	APPLICATION FOR ARMY CORPS PERMIT	
DRAWN: H.C.		3/11	CHIEF OF DESIGN <i>Stuart L. Fricks</i>	BERTH 156 BULKHEAD WALL	
CHECKED: A. LIM			ASSISTANT CHIEF HARBOR ENGINEER	APPROVED <i>[Signature]</i> CHIEF HARBOR ENGINEER	 THE PORT OF LOS ANGELES ENGINEERING DIVISION <small>425 S. PALMS VILLAS STREET SAN PEDRO CA 90731-3300</small>
DESIGNED: L. BECARIA					
ENGR/ARCH					

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