



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

Eric Garcetti *Mayor, City of Los Angeles*
Board of Harbor Commissioners
Eugene D. Seroka *Executive Director*
Ambassador Vilma S. Martinez *President*
David Arian *Vice President*
Patricia Castellanos
Anthony Pirozzi, Jr.
Edward R. Renwick

August 13, 2014

California Regional Water Quality Control Board
Los Angeles Unit
320 West 4th Street, Suite 200
Los Angeles, CA 90013

ATTN: Michael Lyons

**SUBJECT: SECTION 401 CERTIFICATION APPLICATION
BERTH 161 MARINE WAYS MODIFICATION**

The Port of Los Angeles is respectfully submitting the subject permit application for your consideration. We have included the requested information for the application as available.

If you have any questions or need additional information, please contact Ed Han at (310) 732-3095.

Sincerely,

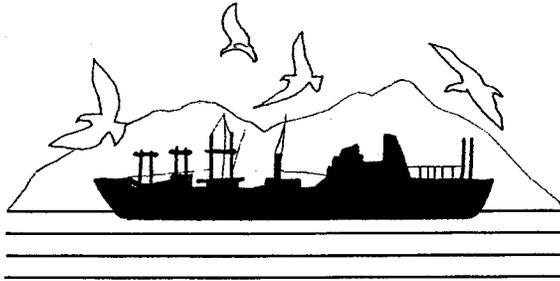
ANTONIO V. GIOIELLO
Chief Harbor Engineer

EH:kc
24861 1-1
24861c2

Attachment:

- 1.) Section 401 – Master Dredging Permit Application
- 2.) Final Sediment Characterization Report (CD)

L.O.# 14-4481



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.



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 Los Angeles Harbor Department		Contact Name (if different) Antonio V. Gioiello	
Mailing Address 425 S. Palos Verdes Street			City San Pedro
State CA	Zip 90731	Business Phone 310-732-3877	Residence Phone

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): _____			
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			<input type="checkbox"/> None
Name/Title Edward Han/Civil Engineering Associate		Organization Los Angeles Harbor Department	
Mailing Address 425 S. Palos Verdes Street			City San Pedro
State CA	Zip 90731	Business Phone 310-732-3095	Residence Phone
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			_____ 8/27/14 Date

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. _____	

SECTION II - PROJECT INFORMATION

4. GENERAL PROJECT INFORMATION (see instructions)

Project Name or Title Berth 161 Marine Ways Modification		
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): Refer to Exhibit 1.		
Project need and/or purpose: The project is necessary for environmental compliance and maintenance of site.		
Month and year work is proposed to begin Q1 2015	Estimated completion date Q2 2015	Estimated total project cost \$1.5 million

5. DREDGING INFORMATION (see instructions)

Dredge Site Berth 161	County Los Angeles	Nearest City Wilmington
Latitude(s) 33 76' 46" N	Longitude(s) 118 27' 56" W	Waterway Slip 1
Type and composition of dredged material (Please give percentages if available) <input type="checkbox"/> Sand <input type="checkbox"/> Silt/Clay		
Is the material appropriate for beach replenishment? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No See attached sediment report.		
Proposed type of equipment/construction methods to be used: Backhoe		
Will a temporary rehandling area or storage site be used for the dredged material? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, for what length of time? <u>TBD</u> Site address? <u>500 Pier A Street</u> Type of containment? <u>25% NonHaz; 75% CalHaz</u> 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: Installation of new pavement, trench drain, catch basin and sea wall to capture and contain runoff.		
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: N/A Please describe how the impacts would be mitigated: N/A		
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: N/A Please describe how the impacts would be mitigated: N/A		

BOX 5 (CONTINUED)

Depth of dredging based on Mean Lower Low Water (MLLW) datum
Existing depth: from +5.6 ft to 1 ft Over/depth tolerance: 1 foot
Proposed design depth: 4.6 ft to 0 ft Proposed total depth: 3.6 ft to -1 ft

Volume of material to be dredged: approx. 800 cy, area of dredging: .20 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
N/A	N/A	N/A	N/A

If applicable, please give the Assessor's Parcel Number: 7440009911

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: N/A cy

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

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

LA-2 LA-3 CAD In-Harbor RCDS Other: Upland

Volume of dredged material designated for this aquatic disposal site: 800 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:
N/A

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:
Contaminants in soil does not allow for reuse.

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

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: 800 cy

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

Site Name:
Appropriate landfill site tbd pending testing. Sediment will be stockpiled for dewatering and tested.

BOX 6 (CONTINUED)

Site Description (see instructions): Upland - appropriate landfill			
Site Address TBD	City TBD	State TBD	Zip TBD
Latitude(s) TBD	Longitude(s) TBD	Zoning Industrial	
Owner's Name Los Angeles Harbor Department		Phone Number (310) 732-3877	
Address 425 South 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: N/A			
Is the site an existing site that regularly receives dredged material? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Year site was last used for dredged material disposal: _____ Volume of dredged material designated for this disposal site: <u>800</u> cy Proposed type of equipment to be used: Backhoe			
Will disposal result in the construction of temporary or permanent structures? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, please describe: Containment berm for dewatering of dredge material.			
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: N/A			
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: Route TBD.			
(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: N/A			
Habitat Size: <u>N/A</u> acres or ft ²		Size of area impacted: <u>N/A</u> acres or ft ²	
Estimated Dates of Impact: From <u>N/A</u> To <u>N/A</u>			
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:	US Army Corps of Engineers
Name of Contact:	Theresa Stevens
Permit required?: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, please give number: Nationwide Permit 3 and LOP
Special Condition(s) required?: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, please describe:
Name of Agency:	LA 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 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:
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 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: Los Angeles Harbor Department
Type of Environmental Documentation: <input checked="" type="checkbox"/> CE <input type="checkbox"/> ND <input type="checkbox"/> EIR Date of Approval: _____ or Approximate date of completion: _____
NEPA Lead Agency: U.S. Army Corps of Engineers
Type of Environmental Documentation: <input checked="" 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 _____
LOCAL GOVERNMENT APPROVALS
Approving Agency: Regional Water Quality Board Approval Type: Waste Discharge Requirement
Approval Date: Pending Local Contact & Phone: Michael Lyons (213) 576-6718
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 Ultramar (Valero), Inc.			
Address 961 S. La Paloma 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 checked="" type="checkbox"/> Lessee <input type="checkbox"/> Other (explain):			
Name U.S. 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 checked="" type="checkbox"/> Lessee <input type="checkbox"/> Other (explain):			
Name NuStar Energy, LP			
Address 841 S. La Paloma 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 checked="" 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 checked="" type="checkbox"/>		<input type="checkbox"/>	June 2013
Testing Data:	<input checked="" type="checkbox"/>		<input type="checkbox"/>	April 2014
Environmental Documentation:	<input type="checkbox"/>		<input checked="" type="checkbox"/>	CE
Dredging & Disposal Plan:	<input type="checkbox"/>		<input type="checkbox"/>	TBD
Proof of Legal Interest:	<input type="checkbox"/>		<input type="checkbox"/>	
Federal Consistency Determination or Certification	<input type="checkbox"/>		<input type="checkbox"/>	N/A
Fees:	<input type="checkbox"/> USACE		<input type="checkbox"/> CCC	<input checked="" 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

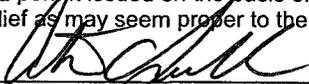
The California Coastal Commission may adopt or amend regulations affecting the issuance of coastal development permits. If you would like notice of such proposals during the pendency of this application, if such proposals are reasonably related to this application, please indicate that desire: Yes No

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

8/27/14

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. N/A

for:

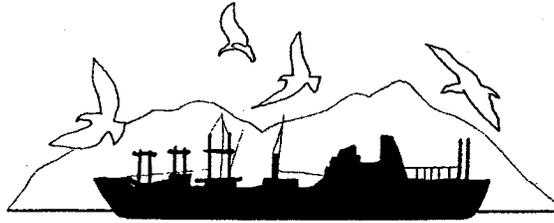
located:

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.



Los Angeles Region
**CONTAMINATED
SEDIMENTS
TASK FORCE**

**MASTER DREDGING PERMIT APPLICATION
INSTRUCTIONS**

(New 04/02)

**Instructions for Preparing the
Master Dredging Permit Application**

The California Coastal Commission and the Los Angeles Regional Water Quality Control Board, pursuant to Senate Bill 673, Karnette, established the Los Angeles Basin Contaminated Sediments Task Force in 1997. The Task Force is comprised of members from all four agencies that regulate dredging in the Los Angeles area (U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, Los Angeles Regional Water Quality Control Board, and California Coastal Commission), members of the dredging community (Port of Los Angeles, Port of Long Beach, City of Long Beach) and Heal the Bay as a representative of the environmental community. The goal of this Task Force is to develop a long-term management plan for the dredging and disposal of contaminated sediments found in coastal waters adjacent to Los Angeles County. As part of this process the Task Force has developed the Master Dredging Permit Application to simplify the dredging permit process in the Los Angeles region. This is the only form that you need to complete for most proposed dredging projects in the Los Angeles region. The form is accepted for:

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

The California Coastal Commission will also accept this general permit application as a consistency determination or consistency certification. The project proponent must provide a cover letter to this form that includes its analysis of coastal effects, consistency with the California Coastal Management Program, and the applicability to the maximum extent practicable standard (if applicable).

If a federal agency is using this form for a consistency determination, please submit it with a cover letter explaining that the form is a consistency determination and include the following language:

The proposed activity complies with the enforceable policies of California's approved coastal management program and will be conducted in a manner fully consistent, and thus consistent to the maximum extent practicable, with such program.

If an applicant for a federal permit is using this form for a consistency certification (a coastal development permit issued by the Commission that functions as a consistency certification for any activities authorized by that permit), please submit it with a cover letter explaining that the form is your consistency certification and include the following language:

The proposed activity complies with the enforceable policies of California's approved coastal management program and will be conducted in a manner consistent with such program.

Under certain circumstances additional information may be required prior to acceptance of this form for any of the above listed permits.

These instructions are intended to assist you in the preparation of the Master Dredging Permit Application. The application form is divided into three sections. Section I covers the general information that is needed for all applications. Section II covers the specific details of the proposed project, and Section III covers other required information.

SECTION I - GENERAL INFORMATION

Box 1. APPLICANT INFORMATION

Enter the name of the responsible party or parties. If more than one party is associated with the application, please attach a sheet providing the same information for co-applicants.

Box 2. LEGAL INTEREST

Place a check in the box that corresponds to the applicant's legal status: Individual, Legal Entity, Government, Non-Profit, or Other (space is provided to explain). It is necessary for the applicant or the land owner to have adequate legal interest in the underlying property to carry out the project and comply with any conditions that may be part of approval. This legal interest must be present through either fee interest, an easement, a leasehold, an option, or eminent domain.

Proof of legal interest is needed for the dredging site and disposal sites, if disposal is proposed at other than the designated aquatic sites. To demonstrate legal interest, it is necessary to submit a property map and a recently issued title report or grant deed, including metes and bounds description, or other information of similar accuracy and reliability.

Box 3. REPRESENTATIVE INFORMATION

Sometimes an applicant, owner, or co-applicant is represented by another person who handles the details of securing the required approvals for the project. If this is the case, indicate the name of the individual or agent designated to be the representative for the project. An agent can be an attorney, builder, contractor, consultant, or any other person or organization. (*Note: An agent is not required.*) If someone else represents the applicant, owner, or co-applicant, the applicant must complete and sign the authorization portion of Box 3. If a representative is authorized, please indicate who should receive correspondence regarding the application.

SECTION II - PROJECT INFORMATION

Box 4. DREDGING PROJECT

All applicants must complete this section.

Project Name or Title - Please provide the name of the proposed project.

Type of Dredging Project - Please place a check in the box indicating whether the project is a maintenance (including sidecasting) or new work dredging project and also indicate whether the project is a single episode or multi-episode/multi-year project.

Project Description - Briefly describe the overall activity or project. If additional space is needed, attach a supplemental sheet.

Project Need and/or Purpose - Provide a brief description of the major purposes that the project will serve or the needs that will be met through accomplishment of the project (e.g., deepening a navigational channel, extracting sand, constructing a marina). Attach a supplemental sheet if needed.

Month and Year Project is proposed to begin/end - Based on an estimate of how long it will take to get all the necessary approvals, financing, and other preliminary work, indicate the month and year when the work to be authorized is proposed to begin. In addition, based on a realistic construction schedule, indicate the month and year when the work is proposed to be completed.

Estimated total project cost - Provide an estimate of the cost of the complete dredging and disposal project being proposed.

Box 5. DREDGING INFORMATION

Dredging Site - Please provide the name of the county where the dredging project is located and the city nearest the project. Provide the latitude(s) and longitude(s) of the dredging site and identify the waterway in which it is located (e.g., Los Angeles Harbor, San Pedro Bay).

Type and composition of dredged material - Please indicate the composition of the dredged materials, providing approximate percentages of sand and/or silt and clay. Please indicate whether the material is appropriate for beach replenishment.

Proposed type of dredging equipment to be used - Describe the type of equipment to be used to accomplish the dredging (e.g., clamshell, hydraulic, barge size). If the project will utilize dredging equipment, please indicate and describe.

Temporary rehandling or storage site use - If the dredged material is to be stored in any location other than its final destination in a disposal site, please indicate so. Please give the length of time the storage site will be used, that address, type of containment (if any), and the approximate size of the storage area. If more than one site is used for temporary rehandling or storage, please attach an additional sheet.

Temporary or Permanent Structures - If the project will involve the construction of temporary or permanent structures, please indicate and describe.

Public Access - If public access to the shoreline or to any public recreational areas will be affected, please describe the location of the impact and how it will be affected. Please describe any measures taken to reduce the impact on public access.

Historical/Cultural Resources - If the project will affect a historical or cultural resource, please describe the resource and the nature of the affect.

Depth of Dredging - Provide the existing and proposed design depths, over/depth tolerance and total depth of dredging for the project in terms of Mean Lower Low Water (MLLW) datum.

Volume of material to be dredged - Please provide an estimate of the total volume of material to be dredged in cubic yards.

Area of dredging site - Please provide an estimate of the total acreage of the dredging site.

Type(s) of substrate - Please check the appropriate box if sub-tidal bottom, mudflats, wetlands, or other substrate (space is provided to explain) are involved.

Previous Permits - Please provide the identification number of any previous permits for this dredging activity and the issuing agency. It is often possible to amend an existing permit rather than process a new permit.

Assessor's Parcel Number - If the area to be dredged is located within an area assigned an Assessor's Parcel Number, please give that number.

Box 6. DISPOSAL SITE INFORMATION

Aquatic Disposal

Please check the appropriate box if the project will involve aquatic disposal. If the project will not involve aquatic disposal, check the "No" box and continue on to Box 7.

Site - Check all sites that are proposed to be used for the project. [Note: CAD - Confined Aquatic Disposal and RCDS - Regional Confined Disposal Site.] If you are uncertain about the location or limitations on the use of any of these sites, contact the Corps of Engineers. If the project proposes any form of aquatic disposal other than the use of these designated sites, please provide a complete description of the proposed site and method of disposal; attach a supplemental sheet if necessary.

Total Amount of Dredged Material - Please provide an estimate of the total volume, in cubic yards, of material designated for aquatic disposal.

Historical/Cultural Resources - If the project will affect a historical or cultural resource, please describe the resource and the nature of the affect.

Additional Site Information - In addition to providing the site and amount of material, you must provide additional detailed information about each site used for the project.

Site 1 - Please indicate the type of aquatic disposal site.

Amount of Dredged Material - Please provide an estimate of the total volume, in cubic yards, of material designated for aquatic disposal at this site.

Year Site Last Used - If the proposed disposal site has been used previously for the disposal of dredged material, please give the year of the most recent disposal episode.

Proposed Dredging Equipment - Describe the type of equipment to be used to accomplish the disposal. If the project will use disposal equipment, please indicate and describe.

Site 2 and Additional Sites - On a supplemental sheet please follow the same format and provide the same information as for Site 1 for all sites to be used.

Proposed Upland, Wetland, Reuse, or Fill Disposal

Please mark the appropriate box if the project will involve upland, wetland, reuse, or fill disposal. If the project will not involve any of the above, check the "No" box and continue on to Box 7.

If the project will involve upland, wetland, or fill disposal, but will not involve reuse disposal, please explain why reuse disposal has not been considered as an option.

Site - Check all sites that are proposed to be used for the project.

Total Amount of Dredged Material - Please provide an estimate of the total volume of material designated for upland, wetland, reuse, and fill disposal in cubic yards. If more than one aquatic disposal site is to be used, please list each site and the corresponding amount of dredging material in the space provided. Attach a supplemental sheet if needed.

Additional Site Information - Please provide the following information about each disposal site used for the project. If more space is required, please attach additional sheets as necessary.

Site Name - Please provide the full name of the proposed site.

Site Description - Provide a brief description of the existing condition of the proposed site; include the present elevations, current vegetation, existing structures, and use of the site. Attach a supplemental sheet if needed.

Site Address - Provide the most accurate address possible for the disposal site including a street address if one exists. Please provide latitude(s) and longitude(s) of the site and the

current zoning designation. If the zoning is not known, it can usually be obtained from the county or city planning office.

Owner's Name and Address - Please provide the name and address of the owner of the property on which the proposed disposal site is located.

Jurisdictional Wetlands - Please indicate by marking the appropriate box whether the disposal will affect any delineated jurisdictional wetlands. If the disposal is proposed at an approved wetlands project site, give the name and permit number of the site.

Existing disposal site - Indicate if the proposed disposal site is an existing, established disposal site that regularly (or periodically) receives dredged material.

Year site last used - If the proposed disposal site has been used previously for the disposal of dredged material, please give the year of the most recent disposal episode.

Amount of dredged material designated for this disposal site - Please provide an estimate of the total volume, in cubic yards, of material designated for disposal at this site.

Proposed type of dredging equipment to be used - Describe the type of equipment to be used to accomplish the disposal. If the project will utilize disposal equipment, please indicate and describe.

Temporary or Permanent Structures - If disposal will involve the construction of temporary or permanent structures, please indicate and describe.

Public Access or Public Recreational Facilities - If disposal will affect existing public access or public recreational facilities, please indicate and describe how the impacts would be minimized or mitigated.

Transportation of Dredged Material in Trucks - If the use of trucks is involved in transporting the dredged material, please indicate the estimated number of truck trips and the route they would take.

Site 2 and Additional Sites - Please follow the same format as for Site 1. If additional sites will be used, please attach a supplemental sheet with the same information and format as for Site 1.

Box 7. SENSITIVE AREAS

Sensitive Area: Sensitive areas are areas that provide special ecological habitats (e.g., wetlands, shallow water, migratory bird nesting sites) or have other important attributes (e.g., water quality functions, recreational beaches).

Please check the appropriate box if the project has the potential to affect a sensitive area. If the project will not involve aquatic disposal, check the "No" box and continue on to Box 8.

Type of Habitat - Please indicate the type of habitat. (*Riparian - pertaining to the bank or shore of a river, lake, or stream.*)

Habitat Name - Please provide the full name of the habitat.

Habitat Size - Please indicate the size of the habitat in acres or square feet.

Size of Area Impacted - Please indicate the size of the area impacted by the project in acres or square feet.

Dates of Impact - Please indicate the estimated dates (month/year) of impact to the sensitive habitat.

Agency Contacts - Federal and state agencies with potential jurisdiction over sensitive areas are 1. U.S. Environmental Protection Agency (USEPA), 2. U.S. Fish and Wildlife Service

(USFWS), 3. U.S. Army Corps of Engineers (USACE), 4. National Marine Fisheries Service (NMFS), 5. U.S. Bureau of Land Management (USBLM), 6. National Oceanic and Atmospheric Administration (NOAA), 7. California Environmental Protection Agency (CEPA), 8. California Department of Fish and Game (CDFG), 9. California State Land Commission (CSLC), 10. South Coast Air Quality Management District (SCAQMD), 11. California Coastal Commission (CCC), 12. Los Angeles Regional Water Quality Control Board (LARWQCB).

If you have contacted any of the agencies listed above, please provide the name of the agency and name of the contact. Indicate whether or not a permit and special condition is required by that agency.

If it is, please provide the permit number and describe the special condition.

If additional space is required, please attach a supplemental sheet.

Box 8. THREATENED OR ENDANGERED SPECIES

Contact U.S. Fish & Wildlife Service, National Marine Fisheries Service, and California Department of Fish & Game to identify any possible threatened or endangered species.

If the project has the potential to impact an endangered species, please indicate the appropriate box. If the project does not have the potential to impact a threatened or endangered species, check the "No" box and continue on to Box 9.

Name of Threatened or Endangered Species - Please list the common and scientific names of the threatened or endangered species.

Location of Threatened or Endangered Species - Please describe all potentially impacted locations of the threatened or endangered species (e.g., nesting location, breeding location) relative to the location of the project.

Dates of Impact - Please indicate the date of the breeding season of the threatened or endangered species and the estimated dates (month/year) of dredging. The dates of impact are the overlap with the breeding season of the threatened or endangered species.

Section 7 Consultation - A Section 7 Consultation with the U.S. Fish & Wildlife Service is required for any projects that may impact a federally listed endangered species. Please indicate whether or not the consultation process has been initiated. *Please note that only a Federal agency may initiate a Section 7 Consultation.*

Mitigation Plan - U.S. Fish & Wildlife Service will require you to prepare a mitigation plan if the project has the potential to impact an endangered species. Please indicate if you have prepared a mitigation plan. If you have, attach the plan to this application. If you have not yet prepared such a plan, please give the expected date of submission.

National Marine Fisheries Service - If this project has the potential to impact marine fisheries or marine mammals, please indicate if you have contacted the NMFS. If you have, provide the name of the contact and indicate whether or not a permit or special condition are required by that agency. If one is required, please provide the permit number or describe the special condition.

California Department of Fish & Game - Please indicate if you have contacted the CDFG regarding a State listed endangered species. If you have, provide the name of the contact and indicate whether or not a permit or special condition is required by that agency. If it is, please provide the permit number or describe the special condition.

Box 9. ESSENTIAL FISH HABITAT

Congress defined Essential Fish Habitat as "those waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity." Contact the National Marine Fisheries Service to identify any possible federally managed fishery species or essential fish habitat in either a dredging or disposal area.

If the project has the potential to impact an essential fish habitat, please indicate the appropriate box. If the project does not have the potential to impact a threatened or endangered species, check the "No" box and continue on to Box 10.

Affected Species - Please list the common and scientific names of any federally managed fishery species in the project area.

EFH Assessment - NMFS will require you to provide an analysis of the effect on any managed species. Please indicate if you have conducted an analysis. If you have, attach the assessment to this application. If you have not yet prepared such an assessment, please give the expected date of submission.

National Marine Fisheries Service - Please indicate if you have contacted the NMFS. If you have, provide the name of the contact and indicate whether or not a permit or special condition is required by that agency. If it is, please provide the permit number or describe the special condition.

SECTION III - OTHER REQUIRED INFORMATION

Box 10. ENVIRONMENTAL APPROVALS

The California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA) require that the environmental impacts of a proposed project be addressed before any authorization. The purpose of this box is to learn the status of the required environmental approvals. *[Note: (1) a copy of the project's environmental documentation should be included with the application submittal; (2) an application may not be filed as complete until environmental compliance is assured.]*

Categorically Exempt (CE) - Maintenance dredging is normally found to be categorically exempt from CEQA requirements. If the project is for maintenance dredging and is known to be covered by the exemption, please check "Yes" and attach documentation from the lead agency.

Negative Declaration (ND) - In some instances, a ND is sufficient to respond to CEQA. If a ND has been prepared for the proposed project, check "Yes" and attach a copy. If one is in the process of being prepared, please complete question (f) in this box.

Environmental Assessment (EA) - If the site has been dredged previously and a NEPA EA has been prepared, please indicate so and provide a copy.

EIR and/or EIS - If an Environmental Impact Report (EIR - CEQA) and/or an Environmental Impact Statement (EIS - NEPA) related to dredging in this location has ever been prepared, Please indicate in the appropriate box.

EIR/EIS Preparation - If no environmental document has been completed, but it is known that an EIR/EIS will be prepared, please note by checking "Yes" and providing the following information:

Documents Under Preparation - If CEQA/NEPA documents are in the process of being prepared, please indicate the lead agency that is preparing them and provide an estimated date of completion.

Box 11. OTHER APPROVALS

CA Department of Fish & Game - The California Department of Fish and Game (DFG), under the Fish and Game Code, Sections 1601 and 1603, regulates changes made to the bed, channel, or banks of streams or rivers.

Local Government Approvals - If local approvals are required they should be listed on the form. Indicate the name of the approving agency and the type of discretionary approval that is required. Also provide the date of approval and the name and phone number of a local contact person. Note that some state agencies require the issuance of all required local approvals prior to initiating action on permit applications. Early consultation with agencies is recommended.

Box 12. ADJOINING PROPERTY OWNERS

List the complete names and full mailing addresses of the adjacent property owners (public and private), lessees, etc., whose property adjoins the dredging and disposal sites so that they may be notified of the proposed activity (usually by public notice).

Please indicate if the property adjoins the dredging site or the disposal site. In addition, indicate whether the party given is an owner, lessee, or other (space is provided for an explanation). Adjoining owner information is not required for use of the designated disposal sites. Use a supplemental sheet if necessary.

Box 13. CHECKLIST OF ADDITIONAL INFORMATION TO BE SUBMITTED

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 by checking the appropriate box if the material indicated is completed and attached or in-progress. If the material is in-progress, please give the expected submission date.

Sampling & Analysis Plan (SAP) – Please indicate if a SAP is complete and attached or in progress.

Testing Data - When the sampling conducted in accordance with the SAP is complete, preparation and submission of the testing data is required for your consolidated dredging permit application package to be accepted as complete. To be considered valid, the testing of a proposed dredge site must have occurred within one year of the submittal date of the application.

Environmental Documentation - Please indicate whether the environmental documentation listed in Box 8 is complete and attached or in progress (please give expected submission date).

Proof of Legal Interest - Please indicate if the proof of legal interest described in Box 2 is attached or in progress.

California Coastal Commission Federal Consistency Determination/Certification– Please indicate if this form is intended to serve as a federal consistency determination/certification.

Fees – Please indicate whether the appropriate fees have already been submitted.

Box 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 additional requested information and requirements. Appendices A and B are attached to the Form.

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 by checking the appropriate box.

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.

Box 15. CERTIFICATION OF ACCURACY OF INFORMATION

This box, which certifies the accuracy of information provided in the application form, must be signed by every applicant or their representatives who have been legally authorized to act on behalf of the applicant. The signature shall be an affirmation that the party applying of the permit possesses the requisite property rights to undertake the proposed activity (including compliance with special conditions, mitigation, etc.).

EXHIBIT 1
Master Dredging Permit Application
Berth 161 Marine Ways Modification

4. GENERAL PROJECT INFORMATION

Project description –

Berth 161 Marine Ways is a facility that is currently operated by the Construction and Maintenance Division to provide maintenance, repair, and improvements on the marine vessels of the Port of Los Angeles. The debris from maintenance of vessels currently falls into a mud foundation that is either washed away with the tide or seeps into the soil. The proposed improvements will provide compliance with existing and future water quality regulations and maintenance of the site.

The proposed project includes improvements consisting of dredging, grading and paving, installation of approximately 50 feet of trench drain and catch basin, installation of a clarifier, construction of a coffer dam, and installation of a crane to operate the coffer dam.

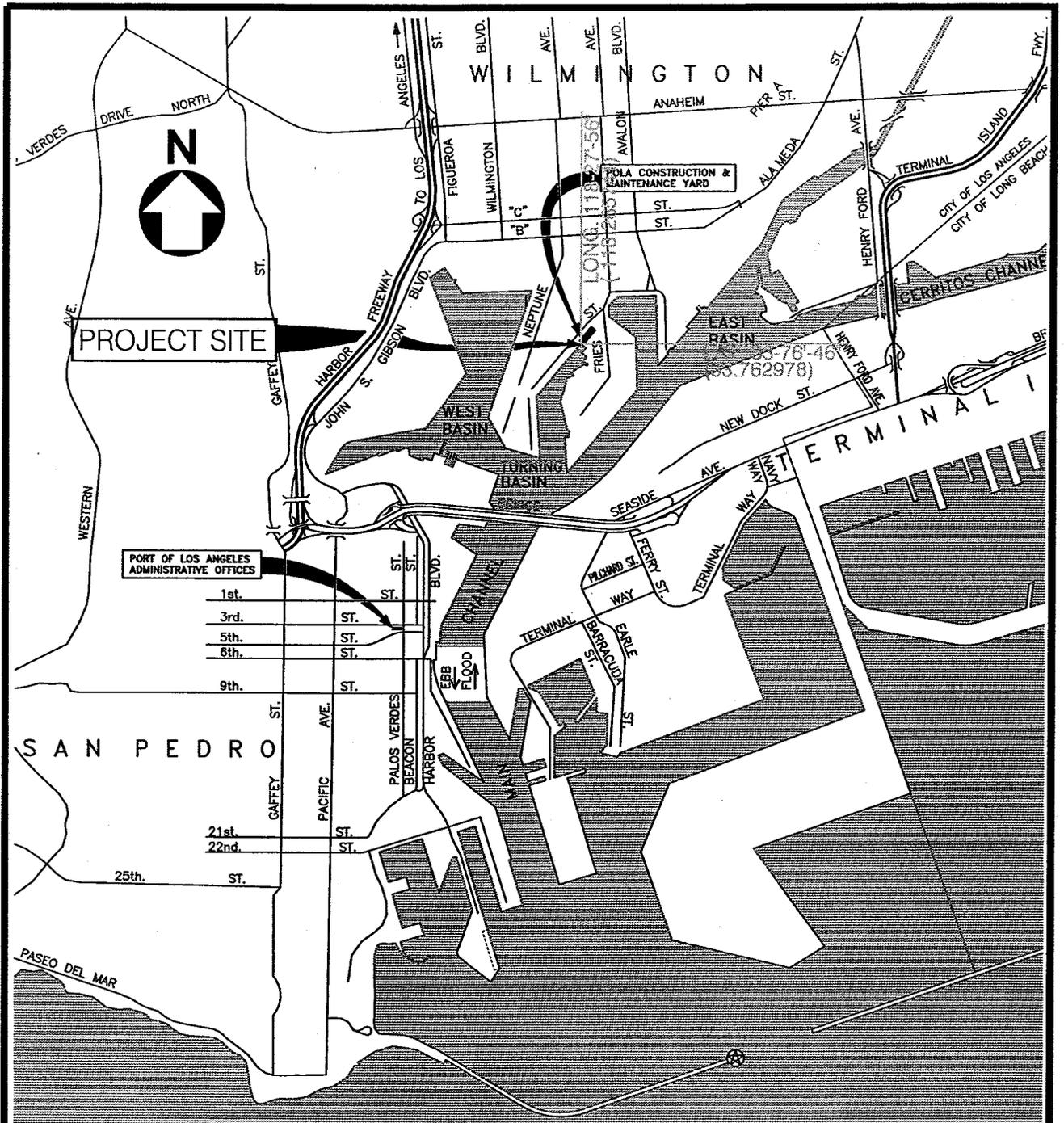
Construction of the coffer dam consists of the installation of a sheet pile at the base of the marine ways (above ground), supported by a concrete foundation and retaining wall (see Drawing No. 5-7311-5). The sheet pile will span approximately 40' in length, and will be operated by a dedicated crane on site. The crane serves to lift and lower the sheet pile when necessary for vessels to enter and exit the facility. The sheet pile will only be in place when ships are docked at the marine ways. When the site is not in use, the sheet pile will be located and supported along the adjacent sea wall. The coffer dam will be used to seal off any debris or water from the maintenance of the vessels.

At the base of the coffer dam, approximately 50 feet of trench drain and a catch basin will be installed to capture runoff. Runoff will be pumped to a clarifier on site for treatment. Treated water will be discharged into an existing sewer line.

Pavement improvements include the installation of 6 inches of crushed miscellaneous base (c.m.b.) and 6 inches of reinforced concrete. Approximately 320 cubic yards of pavement (including base) will be installed through the site (see Drawing No. 5-7311-3) including in between the rails. The pavement will be graded to match the existing slope of the rails and will slope towards the trench drain and catch basin.

Approximately 800 cubic yards of material will be dredged. The existing depth ranges from +5.6' to +1'. The dredging at Berth 161 will modify the existing depth to +4.6' to +0' mean lower low water (MLLW) with an over dredge depth of 1'.

The project also includes the installation of a trench drain, a catch basin, a pump, a clarifier, and concrete pavement. The project will also require the installation of a sewer line connection from the clarifier. The runoff will be pumped into a clarifier, treated, and discharged into an existing sewer line.



PORT OF LOS ANGELES
ADMINISTRATIVE OFFICES

- 1st. ST.
- 3rd. ST.
- 5th. ST.
- 6th. ST.
- 9th. ST.
- 21st. ST.
- 22nd. ST.
- 25th. ST.

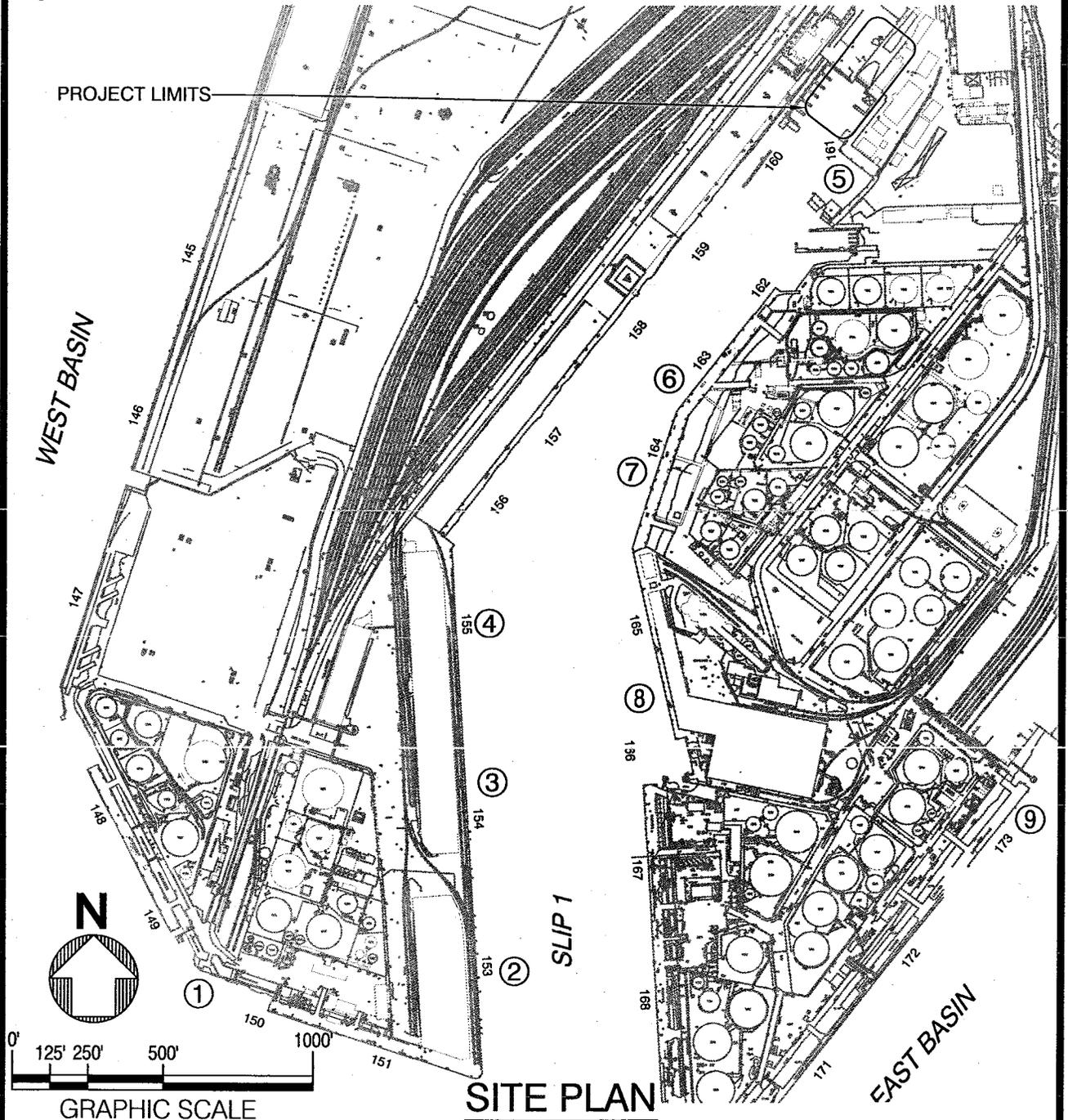
PERFORM IMPROVEMENTS TO CONSTRUCT A CONFINED DISPOSAL FACILITY AT THE BERTH 161 MARINE WAYS IN ORDER TO CONTAIN AND CAPTURE RUNOFF. IMPROVEMENTS INCLUDE REMOVAL OF EXISTING PAVEMENT AND DREDGING, AND INSTALLATION OF NEW PAVEMENT, TRENCH DRAIN, CATCH BASIN, SEA WALL, AND CLARIFIER.

SCALE: AS-SHOWN	DATE:	RECOMMENDED FOR APPROVAL	<h2 style="margin: 0;">APPLICATION FOR ARMY CORPS PERMIT</h2> <h1 style="margin: 0;">BERTH 161 MARINE WAYS MODIFICATION</h1>	
DRAWN: A.R.		CHIEF OF DESIGN		
CHECKED: E.H.				
DESIGNED: E. HAN				
ENGR/ARCH		ASSISTANT CHIEF HARBOR ENGINEER	APPROVED	 <p>THE PORT OF LOS ANGELES ENGINEERING DIVISION 425 S. PALOS VERDES STREET SAN PEDRO CA 90731-3309</p>
			CHIEF HARBOR ENGINEER	

DWG: N:\cadd\project\1-3080 Berth 161 Marine Ways Modification\Permits\5-7311-1.dwg USER: hane
 DATE: Aug 15, 2013 11:07am XREFS: IMAGES:
 POLAPROS_VER.1.12/86

ADJACENT TENANTS

- ① B148-151: Conoco Phillips
- ② B153: Crescent Warehouse Co.
- ③ B154: Port of Los Angeles Real Estate Division
- ④ B155: Port of Los Angeles Real Estate Division
- ⑤ B161: Pola Construction & Maintenance
- ⑥ B163: NuStar Energy, LP
- ⑦ B164: Ultramar (Valero)
- ⑧ B165-166: U.S. Borax Inc.
- ⑨ B174-181: Pasha Properties Inc.

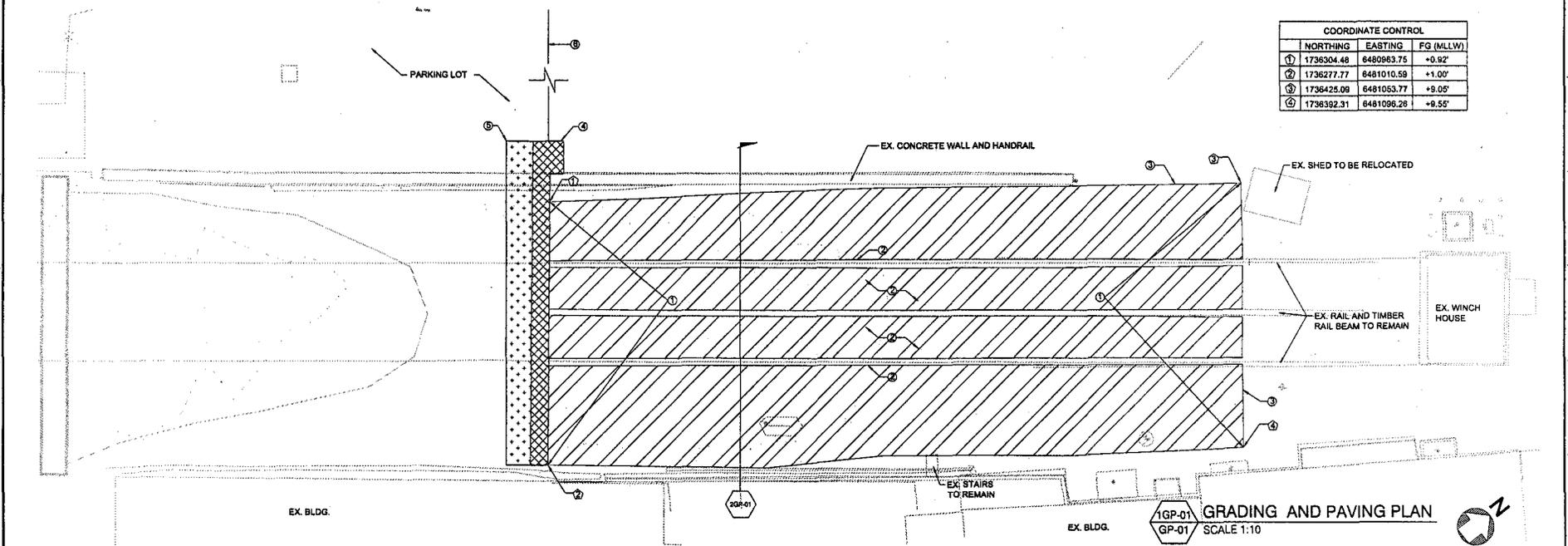


SCALE: AS-SHOWN	DATE: 6/13/13	RECOMMENDED FOR APPROVAL: CHIEF OF DESIGN	APPLICATION FOR ARMY CORPS PERMIT BERTH 161 MARINE WAYS MODIFICATION	
DRAWN: A. RAGUSA	CHECKED: E. HAN	DESIGNED: E. HAN	APPROVED	DRAWING NUMBER 5-7311-2
ENGR/ARCH		ASSISTANT CHIEF HARBOR ENGINEER	CHIEF HARBOR ENGINEER	

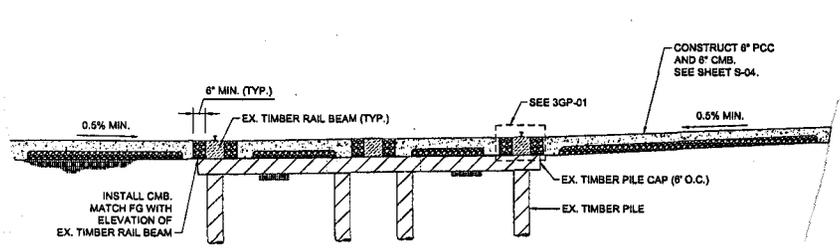
POLAPROS_VER.1_12/98

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

COORDINATE CONTROL			
	NORTHING	EASTING	FG (MLLW)
①	1736304.48	6480963.75	+0.92'
②	1736277.77	6481010.59	+1.00'
③	1736425.08	6481053.77	+9.05'
④	1736392.31	6481096.28	+9.55'

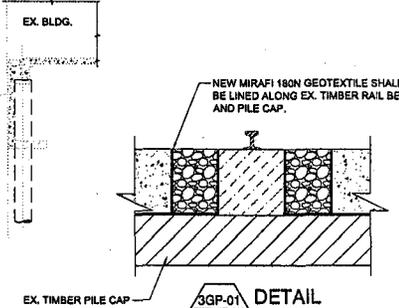


1GP-01 GRADING AND PAVING PLAN
 GP-01 SCALE 1:10



2GP-01 CONCRETE PAVEMENT SECTION DETAIL
 1GP-01 NTS

- GENERAL NOTES:**
1. SUBGRADE PREPARATION SHALL BE IN CONFORMANCE WITH RS SUBSECTION 301-1.2.
 2. 95% RELATIVE DENSITY FOR ALL CMB WORK.



3GP-01 DETAIL
 2GP-01 NTS

- CONSTRUCTION NOTES:**
- ① CONSTRUCT 6\"/>

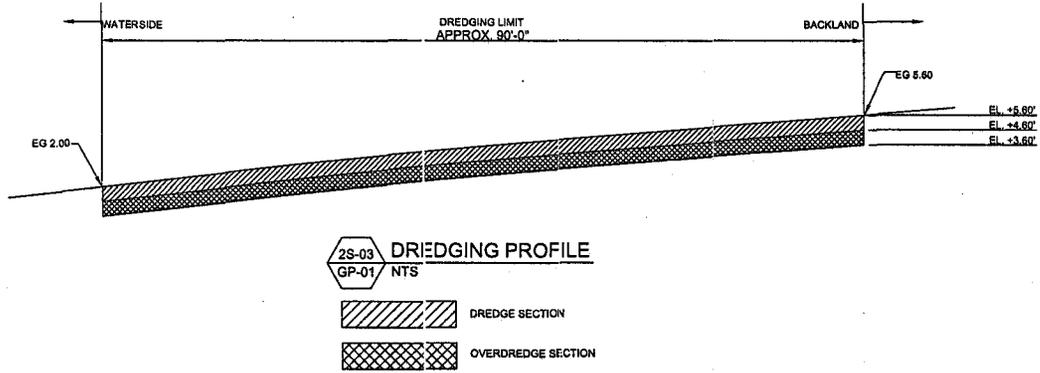
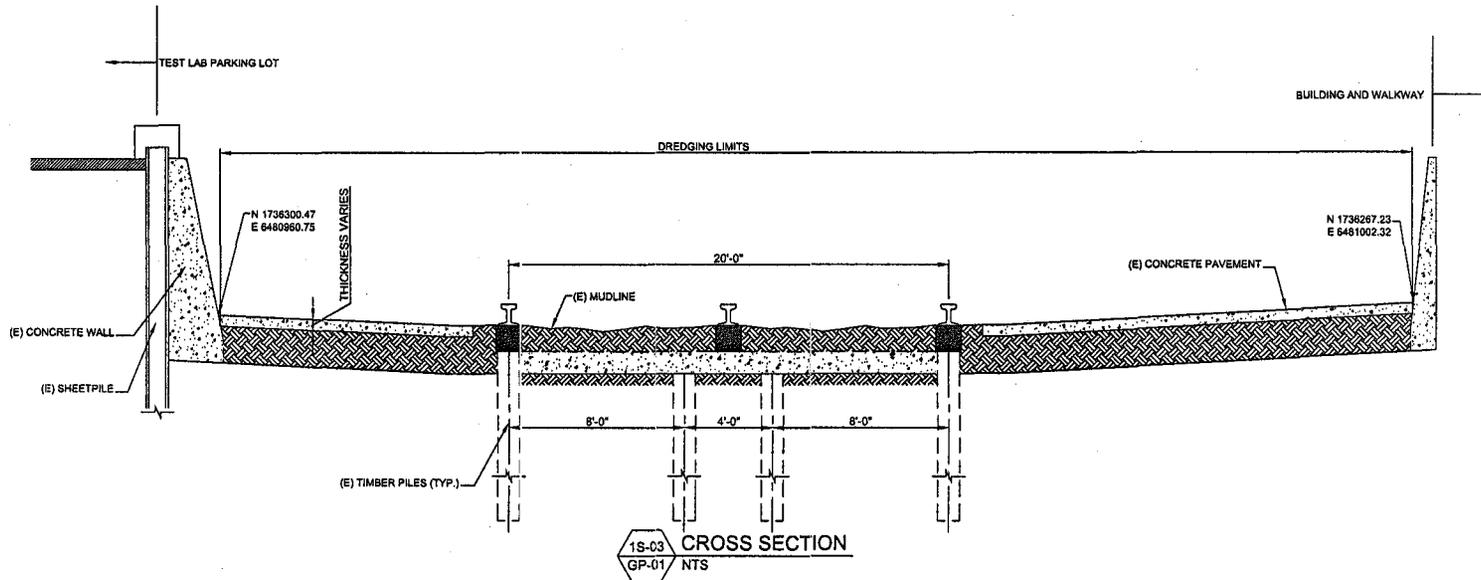
- LEGEND, SYMBOLS, AND ABBREVIATIONS:**
- GRADING AND PAVEMENT LIMITS [Symbol: Diagonal hatching]
 - WATER TREATMENT SYSTEM [Symbol: Cross-hatching]
 - CRANE AND GATE SYSTEM [Symbol: Stippled pattern]
 - GRADING AREA = 6,400 FT²

- AC ASPHALT CONCRETE
- C.M.B. CRUSHED MISC. BASE
- FG FINISHED GRADE
- MLLW MEAN LOWER LOW WATER
- PCC PORTLAND CEMENT CONCRETE

NO.	DATE	DRAWN	REVISIONS	CHD	APPD	NO.	DATE	DRAWN	REVISIONS	CHD	APPD	SCALE	DATE	CHIEF OF DESIGN	PROJECT	DRAWING NUMBER	SHEET NUMBER
1						2						SCALE: 1\"/>			BERTH 161 MARINE WAYS MODIFICATION	5-7311-3	3

LA THE PORT OF LOS ANGELES ENGINEERING DIVISION
 425 S. PALMS YERDES STREET SAN PEDRO CA 90731-3349

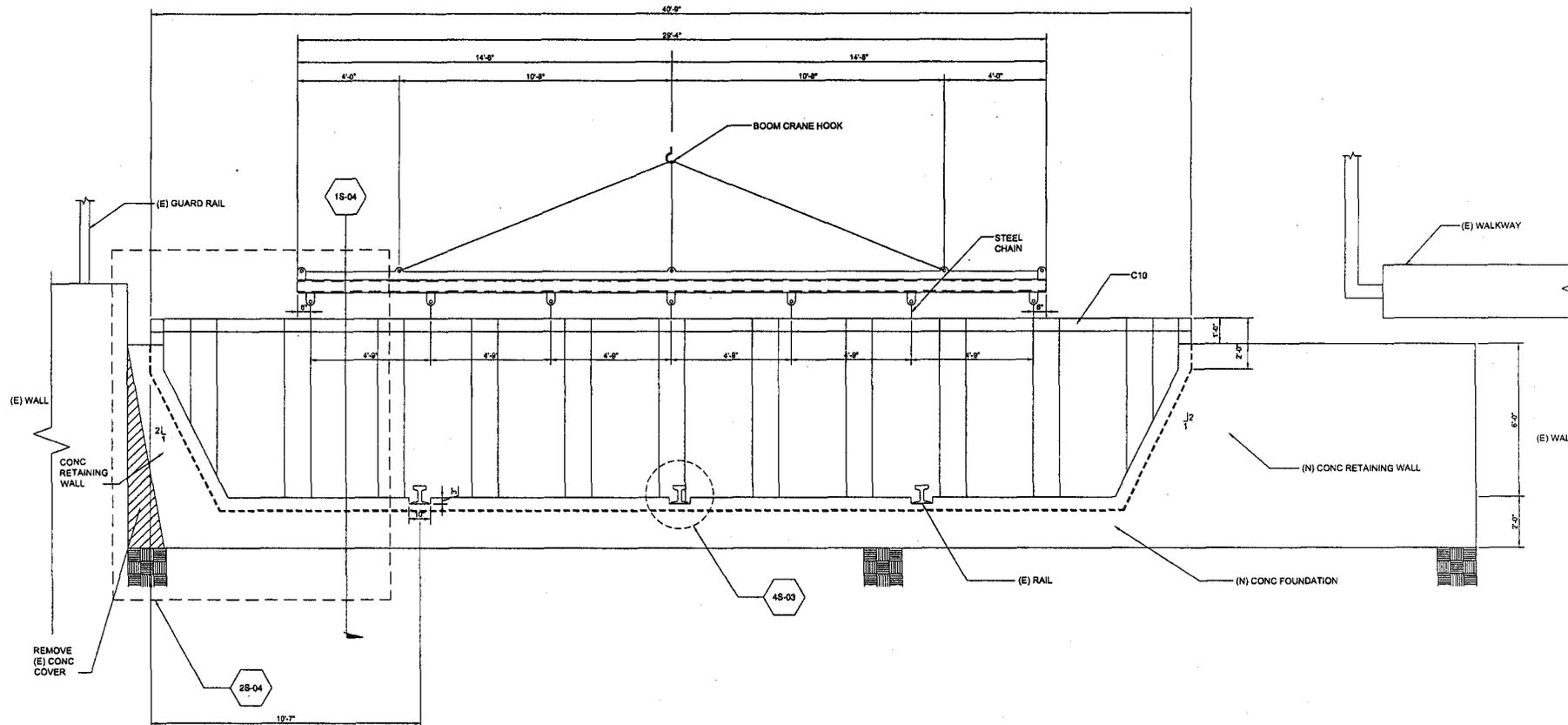
5-7311-4



NO.	DATE	BY	REVISION	CHKD.	APPD.	NO.	DATE	BY	REVISION	CHKD.	APPD.	SCALE	DESIGNER	CHECKED	ENGINEER	DATE	PROJECT	DRAWING NUMBER	SHEET NUMBER
1						2						AS SHOWN					BERTH 161 MARINE WAYS MODIFICATION		
3						4											THE PORT OF LOS ANGELES ENGINEERING DIVISION 485 S. PALMS VENTURA STREET SAN PEDRO CA 90731-3300	5-7311-4	

DATE: 11/15/01
 DRAWN BY: J. HARRIS
 CHECKED BY: E. HAN
 ENGINEER: E. HAN
 DATE: 11/15/01

5-7311-5



1S-02 STEEL GATE ELEVATION
1S-01 SCALE: 1/2" = 1'-0"

NO. DATE DRAWN REVISIONS				NO. DATE DRAWN REVISIONS				NO. DATE DRAWN REVISIONS		NO. DATE DRAWN REVISIONS		NO. DATE DRAWN REVISIONS	

SCALE: AS SHOWN	CHIEF OF DESIGN	BERTH 161 MARINE WAYS MODIFICATION	
DRAWN: J. RUISSA	ASSTANT CHIEF ENGINEER	STEEL GATE ELEVATION	
CHECKED: J. RUISSA	CHIEF HARBOR ENGINEER	THE PORT OF LOS ANGELES ENGINEERING DIVISION 435 S. PALMS TREDEW STREET SAN PEDRO CA 90731-3300	
DESIGNED: T. JOH		DRAWING NUMBER	SHEET NUMBER
ENGINEER / ARCHITECT / PROJECT MANAGER		5-7311-5	

DATE: 11/15/01
 DATE: Aug 15, 2001 11:03am
 PROJECT: BERTH 161 MARINE WAYS MODIFICATION
 DRAWING: 5-7311-5