



HUMBOLDT BAY HARBOR, RECREATION AND CONSERVATION DISTRICT



P.O. BOX 1030
 Eureka, California 95502
 phone (707) 443-0801
 fax (707) 443-0800

PERMIT APPLICATION

Date Filed _____

| General Information | For District Use |
|--|--|
| 1.) Name, Address, phone # and email of Developer, Project Sponsor and Legal Owner City of Eureka 531 K Street, Eureka, CA 95501 (707) 441-4160 rtopolewski@ci.eureka.ca.gov | A. Application No. <u>2021-05</u> Application Type: Franchise <input type="checkbox"/> Permit <input checked="" type="checkbox"/> Lease <input type="checkbox"/> |
| 2.) Address of Project and Assessor's block, lot and Parcel Number 4 C Street APNs: 001-011-013 and 001-011-015 | B. Date Received by Harbor District <u>7-1-2021</u> |
| 3.) Contact person Name, Address, phone # Jordan Blough, Project Manager LACO Associates 21 W. 4 th Street, Eureka, CA 95501 (707) 443-5054 bloughj@lacoassociates.com | C. Date Accepted for filing by Commission |
| 4.) Attach list of names and addresses of all adjoining property owners – see attached | D. Date of Public Notice |
| 5.) List and describe any other related Project Permits & Other Public Approvals required, including those required by City, Regional, State & Federal Agencies. -Coastal Development Permit (Coastal Commission) -401 Permit (NCRWQCB) -404 Permit (USACE) | E. Date of Environmental Compliance |
| 6.) Existing City/County Zoning Coastal Dependent Industrial | F. Date of Public Notice |
| 7.) Proposed Site Use (Project Title) Eureka's Fisherman's Terminal Piling Replacement Project | G. Date of Public Hearings |
| 5.) List and describe any other related Project Permits & Other Public Approvals required, including those required by City, Regional, State & Federal Agencies. -Coastal Development Permit (Coastal Commission) -401 Permit (NCRWQCB) -404 Permit (USACE) | H. Date of Commission Action Approval: _____ Conditional _____ Disapproval _____ |
| 6.) Existing City/County Zoning Coastal Dependent Industrial | I. Expiration Date |
| 7.) Proposed Site Use (Project Title) Eureka's Fisherman's Terminal Piling Replacement Project | Comments |

Describe proposed project

The purpose of the Project is to repair the loading and unloading dock at the Fisherman's Terminal, located at 4 C Street in Eureka, California at 40.8057°N, 124.1703°W and identified as Assessor's Parcel Numbers (APNs) 001-011-013 and 0001-111-015 (Site), by replacing failed and failing fender pilings. The Fisherman's Terminal serves as a hub for the local commercial fishing industry during all seasons and is a critical facility for supporting this segment of the local economy. The existing concrete dock was originally constructed with approximately 40, 14-inch diameter wooden pilings, spaced at approximately 10-foot intervals, affixed to the dock via 1-inch diameter galvanized wound collar guides and 12" by 12" wooden blocking. The Project will result in the removal and replacement of all 40 wooden pilings with new, plastic composite pilings. The use of plastic composite pilings will limit damage to vessels which contact the pilings and keep vessels tied to the pilings in place while also providing a solution with a longer life span than the existing pilings.

Since installation over a decade ago, the existing wooden pilings have severely degraded, with 5 pilings missing entirely while 35 other pilings have severely deteriorated, with approximately 28 of those pilings having rotted to the point that they no longer appear to be anchored in the subsurface. The deterioration of these existing pilings has caused serious complications for users of the facility, as they now lack a complete set of secure pilings upon which to secure their vessels, and vessels which are secured to the remaining pilings are subject to drifting under the dock when the tide is low. This can result in safety concerns, damage to vessels, and lost productivity. In addition, the existing wooden pilings are unprotected and can cause damage to vessels which contact the pilings.

The Project involves the replacement of 40 14-inch diameter wooden pilings that are severely degraded, rotted, and deteriorated, with 40 plastic composite pilings of the same size at the same location as the existing wooden pilings, at the existing Fisherman's Terminal located at the foot of C Street in Eureka. The connections to the existing dock would also be repaired or replaced to ensure a strong connection between the pier and the pilings. The City has selected plastic pilings as an appropriate replacement for the failing wooden pilings as plastic pilings will have a longer useful lifespan than wood pilings and also do not require any chemical treatments to reach their maximum useful lifespan. Treated wooden pilings are likely to have a shorter useful lifespan, requiring more frequent future replacement, and may also leach chemical treatments into the bay. Existing pilings will be removed by using divers to excavate around each pile to expose enough of the pile to secure rigging to the piles, which will then be removed using an excavator located on the adjacent dock. Removed pilings will be placed in sealed bins and hauled to an appropriate hazardous waste disposal site such as the Humboldt Waste Management Authority's Hazardous Waste Facility in Eureka. No waste is anticipated to enter the bay during or after construction.

New fender piles will be stored and staged on-site before being placed on the dock for installation one at a time. New fender piles will be driven into the existing pier waterfront face via vibratory hammer and will be connected via an interface to the pier. All pilings are nonstructural and free-standing. The pilings will be vibrated 15-20 feet into the substrate utilizing a vibratory hammer. The final elevations will be consistent with the original design elevation of the pilings. Each piling is estimated to take approximately 3 minutes to vibrate into place. Once the pilings are in place, non-structural plastic wales will be installed across the pilings to provide further protection to vessels using the facility.

The Project would not result in cumulative impacts or significant effects. Although the Site is located within Humboldt Bay, best management practices (BMPs) would be implemented to ensure any potential impacts are minimized. The total footprint for the project impacts to the bay floor is approximately 85 square feet or 0.002 acres. No waste is anticipated to enter the bay during or after construction. No eelgrass is known to occur within the project area. Temporary

impacts related to sediment disturbance during piling removal/replacement is minimized by project timing (low tide); use of a turbidity curtain, to installed and kept in place during project construction; and use of vibratory extraction and hammering.

PRE-PROJECT EELGRASS CHECKLIST

Please complete the Eelgrass Pre-project Checklist below. Note that the checklist questions relate to the Area of Potential Effect (APE) associated with your project, which incorporates a surrounding buffer inclusive of the limits of potential construction and/or maintenance-related activities that could affect eelgrass habitat. Provide a copy of the completed questionnaire along with your permit application and a map depicting the proposed project location, potential eelgrass depth range -10 to +4 feet, and benchmark eelgrass distribution in the vicinity of the proposed project. Maps should be of an appropriate scale to clearly depict the preliminary/proposed APE boundary in relation to both existing and potential eelgrass resources as provided in the Humboldt Bay Eelgrass Comprehensive Management Plan and associated webpage (humboldt-bay.org/eelgrass-management-plan). Here you'll find information and links including [eelgrass information for permit applicants](#), [a baseline eelgrass distribution map](#), and the [Humboldt Bay Eelgrass Comprehensive Management Plan](#). Contact the Harbor District office with questions (443-0801).

For New Projects:

| | | YES | NO |
|----|---|-----|----|
| a) | Is the project located within 100 feet of previously mapped (known) eelgrass habitat? | X | |
| b) | Will any construction or new operational traffic occur within the vicinity of existing eelgrass? | | X |
| c) | Is any portion of the project located in an area with depths ranging from -10 to +4 feet? | X | |
| d) | Does the project result in new cover, shading or other form of light reduction of open water areas ranging in depth from -10 to +4 feet? | | X |
| e) | Is the project anticipated to affect wind or tidal circulation patterns within the bay? | | X |
| f) | Could the project affect ambient water temperature or clarity or result in new effluent (including stormwater) discharge point? | | X |
| g) | Does the project result in any placement of fill, including shoreline armor? | | X |
| h) | Is the project anticipated to lead to an increase in boat traffic that could affect nearby eelgrass habitat through grounding, prop scarring, wake, or shading impacts? | | X |

For Maintenance/Repair Projects and Construction Activities:

| | | YES | NO |
|----|--|-----|----|
| i) | Is project construction likely to increase turbidity? To what extent and for what duration? | | X |
| j) | Will construction require the use of a barge or other vessel that may temporarily impact the bay floor (e.g. spud poles, anchoring, prop scarring, etc.) within known eelgrass habitat or within depths ranging from -10 to +4 feet? | | X |
| k) | Will construction require the use of turbidity curtains in proximity to eelgrass habitat? | | X |
| l) | Will project construction result in temporary shading from moored/anchored working vessel(s)? | | X |

If you responded yes to any of the questions above, your project may have the potential to affect eelgrass habitat and you'll need to conduct a preliminary eelgrass survey. Please refer to the District's [Eelgrass](#)

Management Plan webpage for further guidance and a list of local agency contacts should you have additional questions.

Answer all questions completely on a separate page. If the question does not apply to your project, so indicate by marking N.A. Contact Harbor District Office with questions.

PROJECT DESCRIPTION

8. Site Size
9. Square Footage
10. Number of floors of construction
11. Amount of off-street parking provided
12. Attach plans
13. Proposed scheduling
14. Associated projects
15. Anticipated incremental development
16. If residential, include the number of units, schedule of unit sizes, range of sale prices or rents, and type of household size expected.
17. If commercial, indicate the type, whether neighborhood, city or regionally oriented, square footage of sales area, and loading facilities
18. If industrial, indicate type, estimated per shift employment & loading facilities.
19. If institutional, indicate the major function, estimated per shift employment, occupancy, loading facilities, and community benefits derived from the project.
20. If the project involves a variance, conditional use or recognizing application, state this and indicate clearly why the application is required.

Are the following items applicable to the project or its effects? Answer yes or no.
Discuss all items answered yes.

21. Change in existing features of any bays, tidelands, beaches, lakes or hills, or substantial alteration of ground contours.
22. Change in scenic views or vistas from existing residential areas or public lands or roads.
23. Change in pattern, scale or character of general area of project.
24. Significant amounts of solid waste or litter.
25. Change in dust, ash, smoke, fumes or odors in vicinity.
26. Change in ocean, bay, lake, stream or ground water quality or quantity, or alteration of existing drainage patterns.
27. Substantial change in existing noise or vibration levels in the vicinity.
 - A. During Construction
 - B. During Project Utilization

- 28. Site on filled land or on slope of 10% or more.
- 29. Use of disposal or potentially hazardous materials, such as toxic substances, flammable or explosives.
- 30. Substantial change in municipal services demand (police, fire, water, sewage, etc.)
- 31. Substantially increase fossil fuel consumption (electricity, oil, natural gas, etc.).
- 32. Relationship to larger project or series of projects

ENVIRONMENTAL SETTING:

- 33. Describe the project site as it exists before the project including information on topography, soil stability, plants and animals, and any cultural, historical, or scenic aspects. Describe any existing structures on the site and the use of the structures. Attach photographs of the site. Photos will be accepted.
- 34. Describe the surrounding properties, including information on plants and animals and any cultural, historical, or scenic aspects. Indicate the type of land use (residential, commercial, etc.) intensity of land use (one-family, apartment houses, shops, department stores, etc.) and the scale of development (height, frontage, set-back, rear yard, etc.) Attach photographs of the vicinity. Photos accepted.

----- Questions 35; and 36 MUST BE ANSWERED! -----

- 35. How will the proposed use or activity promote the public health, safety, comfort, and convenience?
- 36. How is the requested grant, permit, franchise, lease, right, or privilege required by the public convenience and necessity?

- 37. Financial statement:
 - A. Estimated project cost.
 - B. How will the project be financed?
- 38. Describe fully directions necessary to arrive at project site.
- 39. The Applicant agrees to as a condition of the permit being issued, to indemnify and hold harmless the Humboldt Bay, Harbor Recreation and Conservation District from any and all claims, demands, or liabilities for attorneys' fees obtained from or against demands for attorney's fees, costs of suit, and costs of administrative records made against District by any and all third parties as a result of third party environmental actions against District arising out of the subject matter of this application and permit, including, but not limited to, attorney's fees, costs of suit, and costs of administrative records obtained by or awarded to third parties pursuant to the California Code of Civil Procedure Section 1021.5 or any other applicable local, state, or federal laws, whether such attorneys' fees, costs of suit, and costs of administrative records are direct or indirect, or incurred in the compromise, attempted compromise, trial, appeal, or arbitration of claims for

attorneys' fees and costs of administrative records in connection with the subject matter of this application and permit

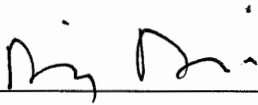
NOTE

The District hereby advises the Applicant that, under California Public Resources Code (PRC) Section 21089, the District when a lead agency under the California Environmental Quality Act (CEQA) of 1970, as amended, pertaining to an Environmental Impact Report (EIR) or a Negative Declaration (MND/ND) may charge and collect from the Applicant a reasonable fee in order to recover the estimated costs incurred by the District in preparing an EIR or MND/ND for the project and the procedures necessary for PRC compliance on the Applicants project.

In the event your project contains an analysis of issues pertaining to CEQA, for which District staff is not competent to independently review, or District requires the same in preparation of an EIR or MND/ND for the project, the District may retain a reviewing consultant to evaluate the content of the Administrative-Draft EIR and Final EIR or MND/ND with respect to these issues. The cost of such reviewing consultant services shall be borne by the Applicant.

CERTIFICATION: I hereby certify that the statements furnished above and in the attached exhibits present the information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief. And I agree to indemnify the District as described in part 39 of this application.

Dated: 6 | 3 | 21



For _____

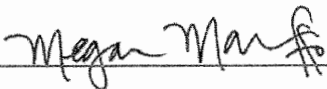
TECHNICAL MEMORANDUM

CEQA Exemption
Fisherman's Terminal Piling Replacement Project
City of Eureka


Date: May 19, 2021
Project No.: 8247.18

Prepared For: Riley Topolewski, Senior Planner
City of Eureka

Prepared By: Megan Marruffo
Senior Planner



Reviewed By: Michael D. Nelson, AICP
Planning Principal



Attachments: Figure 1 Location Map
Figure 2 Project Plans
Figure 3 Eelgrass Distribution Map

1.0 INTRODUCTION

The City of Eureka (Client) requested professional services from LACO Associates (LACO) related to identifying and preparing the necessary documentation in compliance with the California Environmental Quality Act (CEQA) to support a Class 1 (Existing Facilities) CEQA exemption for the Fisherman's Terminal Piling Replacement Project (Project). The purpose of the Project is to repair the loading and unloading dock at the Fisherman's Terminal, located at 4 C Street in Eureka, California at 40.8057°N, 124.1703°W and identified as Assessor's Parcel Numbers (APNs) 001-011-013 and 0001-111-015 (Site; see Figure 1), by replacing failed and failing fender pilings. The Fisherman's Terminal serves as a hub for the local commercial fishing industry during all seasons and is a critical facility for supporting this segment of the local economy. The existing concrete dock was originally constructed with approximately 40, 14-inch diameter wooden pilings, spaced at approximately 10-foot intervals, affixed to the dock via 1-inch diameter galvanized wound collar guides and 12" by 12" wooden blocking.

Since installation over a decade ago, the existing wooden pilings have severely degraded, with 5 pilings missing entirely while 35 other pilings have severely deteriorated, with approximately 28 of those pilings having rotted to the point that they no longer appear to be anchored in the subsurface. The deterioration of these existing pilings has caused serious complications for users of the facility, as they now lack a complete set of secure pilings upon which to secure their vessels, and vessels which are secured to the remaining pilings are subject to drifting under the dock when the tide is low. This can result in safety concerns, damage to vessels, and lost productivity. In addition, the existing wooden pilings are unprotected and can cause damage to vessels which contact the pilings.

The Project will result in the removal and replacement of all 40 wooden pilings with new, plastic composite pilings. The use of plastic composite pilings will limit damage to vessels which contact the pilings and keep vessels tied to the pilings in place while also providing a solution with a longer life span than the existing pilings.

Per Section 15378 of the State CEQA Guidelines, the proposed project would be considered a "project" under CEQA (CEQA Guidelines §15378(a)(1)). However, per review of the Site and information provided by the Client and the State CEQA Guidelines, LACO believes the proposed project would be considered exempt under CEQA pursuant to a Class 1 (Existing Facilities) exemption (CEQA Guidelines §15301). The purpose of this technical memorandum is to provide justification in support of the Class 1 CEQA exemption.

1.1 Project Details

As noted above, the Project involves the replacement of 40 14-inch diameter wooden pilings that are severely degraded, rotted, and deteriorated, with 40 plastic composite pilings of the same size at the same location as the existing wooden pilings, at the existing Fisherman's Terminal located at the foot of C Street in Eureka (see Figure 2). The connections to the existing dock would also be repaired or replaced to ensure a strong connection between the pier and the pilings. The City has selected plastic pilings as an appropriate replacement for the failing wooden pilings as plastic pilings will have a longer useful lifespan than wood pilings and also do not require any chemical treatments to reach their maximum useful lifespan. Treated wooden pilings are likely to have a shorter useful lifespan, requiring more frequent future replacement, and may also leach chemical treatments into the bay. Existing pilings will be removed by using divers to excavate around each pile to expose enough of the pile to secure rigging to the piles, which will then be removed using an excavator located on the adjacent dock. Removed pilings will be placed in sealed bins and hauled to an appropriate hazardous waste disposal site such as the Humboldt Waste Management Authority's Hazardous Waste Facility in Eureka.

New fender piles will be stored and staged on-site before being placed on the dock for installation one at a time (see Figure 2). New fender piles will be driven into the existing pier waterfront face via vibratory hammer and will be connected via an interface to the pier. All pilings are nonstructural and free-standing. The pilings will be vibrated 15-20 feet into the substrate utilizing a vibratory hammer. The final elevations will be consistent with the original design elevation of the pilings. Each piling is estimated to take approximately 3 minutes to vibrate into place.

Once the pilings are in place, non-structural plastic wales will be installed across the pilings to provide further protection to vessels using the facility.

Construction is anticipated to occur between May and June 2022 and would occur over a period of three weeks. All project work will be conducted at low tide. A turbidity curtain (a flexible, impermeable barrier used to trap sediment in water bodies) will be installed and kept in place during construction. No waste is anticipated to enter the bay during or after construction.

1.2 Site Characteristics

The Site is located within Humboldt Bay, within the City of Eureka and coastal zone, under state jurisdiction. Based on review of the Site, the Site is not known to contain any eelgrass adjacent to the pilings (Harbor District, 2020). While the Site is located within 100-year flood zone (Zone AE) under the Federal Emergency Management Agency (FEMA), is within a tsunami evacuation area, and has been identified as an area of potential liquefaction, the Site is classified as relatively stable and is not located within an earthquake fault hazard zone. Additionally, the Site is not located within the State Responsibility Area (SRA), has not been identified as having a Moderate, High, or Very High fire hazard severity rating, and is served by the City of Eureka Fire Department for fire protection services (WebGIS, n.d.). The Site is also not located along an established state scenic highway. Furthermore, the Site is not considered a hazardous waste site and is not included on a list compiled pursuant to Section 65962.5 of the Government Code, although two adjacent sites have been identified. While the adjacent Eureka Fishing Gear Facility (T0602393352), located on Waterfront Drive, was previously identified as a Cleanup Program Site with the potential contaminants of concern identified as solvents and oils (waste/oil/hydraulic/lubricating), the case has been completed and closed as of December 10, 2007. The John Lipscomb site (T0602393169), located at the foot of C and D Streets in Eureka, is listed due to contaminant concerns associated with diesel. This site is currently a vacant lot and notes on the State Water Resources Control Board's (SWRCB) GeoTracker website indicate limited soil sampling occurred and some metals (lead) and diesel were detected. It is further noted that if the site is redeveloped, this potential contamination will need to be investigated and addressed. The case is listed as open, but is inactive as of August 30, 2012 (DTSC and SWRCB, 2021).

2.0 CEQA EXEMPTION JUSTIFICATION

As discussed above, LACO's review of the proposed project indicates the proposed project would qualify for a Class 1 CEQA exemption, pursuant to Section 15301 of the State CEQA Guidelines, which states:

"Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use."

Pursuant to Section 15300.2 (Exceptions) of the State CEQA Guidelines, there are certain exceptions in which a CEQA exemption would not apply to a project, including:

1. A significant cumulative impact would result;
2. A significant effect on the environment would occur due to unusual circumstances;
3. The project may result in damage to scenic resources, including but not limited to trees, historic buildings, rock outcroppings, or similar resources within a state scenic highway;
4. The project is located on a hazardous waste site that is included on a list compiled pursuant to Section 65962.5 of the Government Code; or
5. The project may cause a substantial adverse change in the significance of a historical resource.

The Project would not result in an expansion of use, but rather would repair the existing dock by replacing severely damaged pilings. Additionally, the Project would not result in cumulative impacts or significant effects. Although the Site is located within Humboldt Bay, best management practices (BMPs) would be implemented to ensure any potential impacts are minimized. As discussed above, no waste associated with the piling replacement would be allowed to enter the bay.

Additionally, the Project would not cause impacts to resources along a designated state scenic highway, as there are no designated state scenic highways in the vicinity of the Project or Site. As discussed above under Section 1.2, the Site is not included on a list of hazardous waste sites compiled pursuant to Section 65962.5 of the Government Code. Further, the Project would not result in a substantial adverse change in the significance of a historical resource.

Based on the information provided above and since BMPs would be implemented during Project construction, the potential does not exist for any significant impacts on the environment to occur. As a result, the project would be exempt from environmental review under CEQA under a Class 1 (Existing Facilities) exemption established under Section 15301 of the State CEQA Guidelines.

3.0 REFERENCES

County of Humboldt. Not Dated. Web Mapping Applications. Humboldt GIS Portal. *Web GIS 2.0*. Accessed January 25, 2021. Available at: <https://humboldt.gov/1357/Web-GIS>.

Humboldt Bay Harbor, Recreation, and Conservation District (Harbor District). 2020. Eel Grass Distribution Map. Accessed January 19, 2021. Available at: <http://humbolddbay.org/eelgrass-distribution-map>.

State of California. Department of Toxic Substances Control (DTSC). 2021. *EnviroStor*. Accessed January 25, 2021. Available at: <https://www.envirostor.dtsc.ca.gov/public/>.

State Water Resources Control Board (SWRCB). 2021. *GeoTracker*. Accessed January 25, 2021. Available at: <https://geotracker.waterboards.ca.gov/>.

FIGURES

Figure 1

Location Map

Figure 2

Project Plans

Figure 3

Eelgrass Distribution Map

LACO

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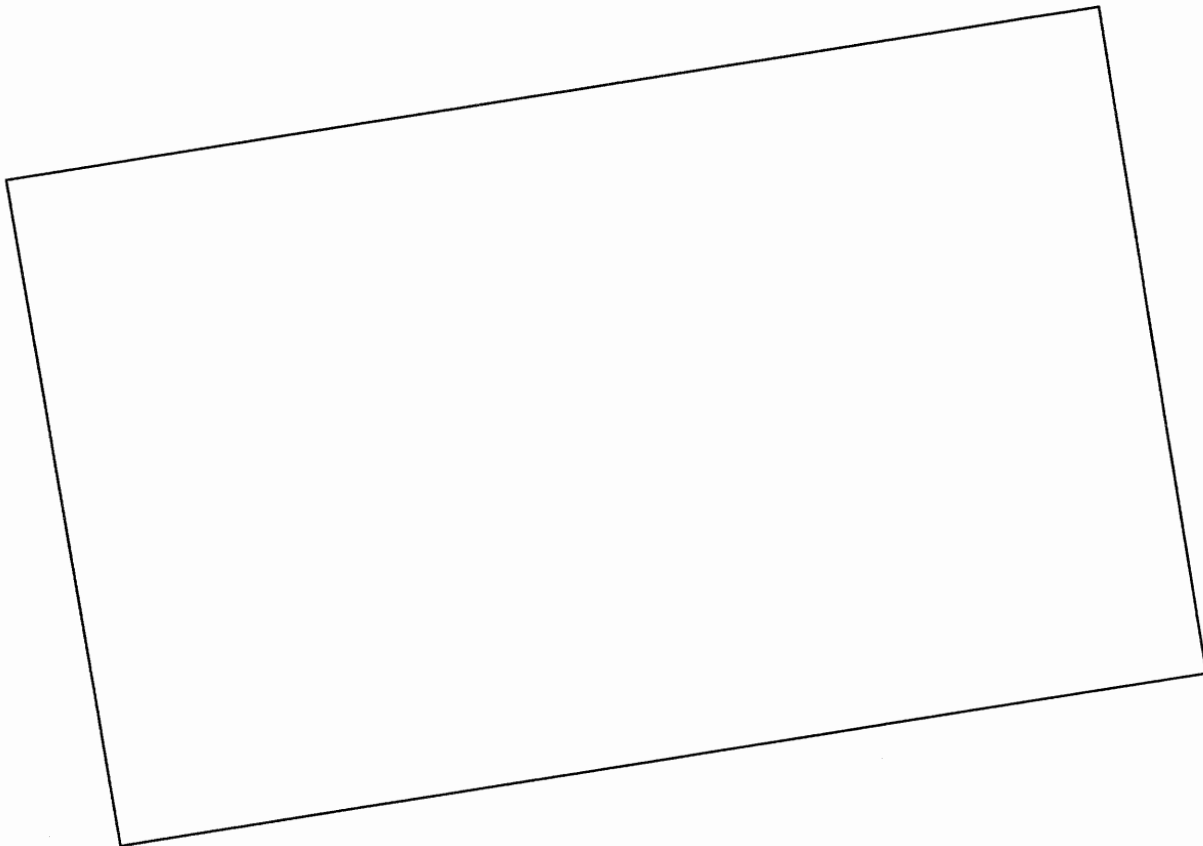
| | | | | | |
|----------|---|-------|-----------|---------|---------|
| PROJECT | FISHERMAN'S TERMINAL PILING REPLACEMENT | BY | CRP | FIGURE | FIG. 1 |
| CLIENT | CITY OF EUREKA | CHECK | MMM | JOB NO. | 8247.18 |
| LOCATION | 4 C STREET, EUREKA, HUMBOLDT COUNTY | DATE | 4/20/2021 | | |
| | PROJECT AREA AND VICINITY | | | | |

PROJECT AREA



Project Area Boundary

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



0 40 80 160 Feet

Note:
The information illustrated in this map was derived from publicly-available GIS data. LACO Associates cannot guarantee the accuracy of the data.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Date: 4/20/2021 Time: 12:44:53 PM

Path: P:\8200\8247 City of Eureka\8247.18 Fishermans Terminal Piliings Funding-Permitting\12 Figures_Maps\GIS\cameron\project area.mxd

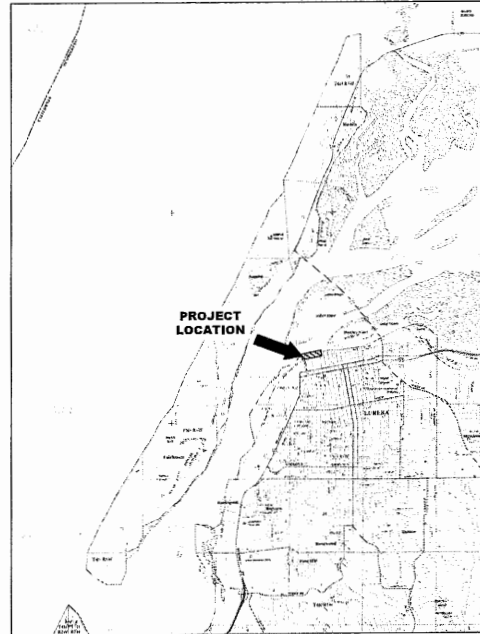
REUSE OF DOCUMENTS: This document and the ideas and design incorporated herein, as an instrument of professional service, is the property of LACO Associates and shall not be reused in whole or part for any other project without LACO Associates written authorization.

FISHERMAN'S TERMINAL FENDER PILE REPLACEMENT PROJECT

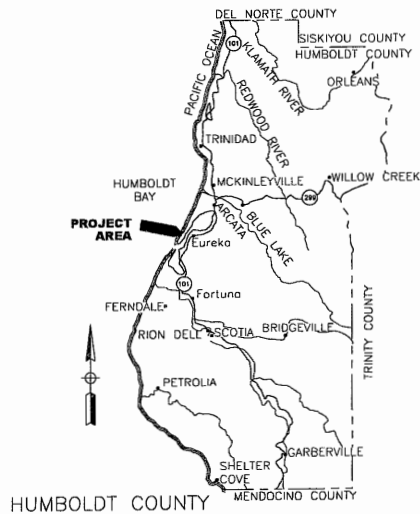
COUNTY OF HUMBOLDT, CITY OF EUREKA
EUREKA, CA



LOCATION MAP
N.T.S.



VICINITY MAP
NO SCALE



AREA MAP
N.T.S.

SHEET INDEX

| SHEET NUMBER | SHEET TITLE |
|--------------|---------------------------------------|
| C0.0 | CIVIL TITLE SHEET |
| C0.1 | CIVIL LEGEND & ABBREVIATIONS |
| C0.2 | CIVIL GENERAL NOTES |
| C1.0 | EXISTING CONDITIONS & DEMOLITION PLAN |
| C2.0 | PILE CONNECTION PLAN |

LACO
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www.lacoassoc.com

| NO. | REVISION | BY | DATE |
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FISHERMAN'S TERMINAL PILE REPLACEMENT
CITY OF EUREKA
4 C STREET, CA 95403
CIVIL TITLE SHEET

| | |
|------------|---------|
| DRAWN | CSC |
| CHECK | JC |
| APPROVED | RLW |
| DATE | TBD |
| JOB NUMBER | B247.1B |
| DRAWING | C0.0 |

DRAFT - 30% DESIGN
NOT FOR CONSTRUCTION

FILE: 09-2021-03-2021
 11-DRAFTS/TERMINAL PILE REPLACEMENT/03-2021-03-2021 - CIVIL TITLE SHEET

ABBREVIATIONS

| | | |
|---|-----------------------------|--|
| A | G | R |
| AB - AGGREGATE BASE | GA - GAS | R - RADIUS |
| ABON - ABANDONED | GalV - GALVANIZED | RC - RELATIVE COMPACTION |
| AC - ASPHALT CONCRETE | GIP - GALVANIZED IRON PIPE | RCP - REINFORCED CONCRETE PIPE |
| ACP - ASBESTOS CEMENT PIPE | GPM - GALLONS PER MINUTE | RD - ROAD |
| ACI - AMERICAN CONCRETE INSTITUTE | GRD - GRADE | RDCR - REDUCER |
| AG - AGGREGATE | GSP - GALVANIZED STEEL PIPE | RWD - REDWOOD |
| APPROX - APPROXIMATELY | GV - GATE VALVE | REQD - REQUIRED |
| ASTM - AMERICAN SOCIETY FOR TESTING & MATERIALS | H - HOSE BIBB | RG - RAIN GARDEN |
| AT - AT | HP - HORSEPOWER | RM - ROOM |
| B | HR - HORIZONTAL | RSP - ROCK SLOPE PROTECTION |
| BC - BEGIN CURVE | HT - HEIGHT | RT - RIGHT |
| BCR - BEGIN CURB RETURN | HW - HOT WATER | R/W - RIGHT-OF-WAY |
| BF - BLIND FLANGE | | S - SLOPE |
| BFPD - BACK FLOW PREVENTION DEVICE | | SCHED - SCHEDULE |
| BFV - BUTTERFLY VALVE | | SD - STORM DRAIN |
| BLDG - BUILDING | | SDMH - STORM DRAIN MAN HOLE |
| BM - BENCH MARK | | SECT - SECTION |
| BOT - BOTTOM | | SHT - SHEET |
| BRG - BEARING | | SM - SIMILAR |
| BSW - BACK OF SIDEWALK | | SPEC - SPECIFICATIONS |
| BTWN - BETWEEN | | SQ - SQUARE |
| BVC - BEGINNING OF VERTICAL CURVE | | SQ FT - SQUARE FOOT |
| BW - BOTTOM OF WALL | | SQ IN - SQUARE INCH |
| C | | SS - SANITARY SEWER |
| CATV - CABLE TELEVISION | | SSMH - SEWER SYSTEM MAN HOLE |
| CB - CATCH BASIN | | STD - STANDARD |
| CEL - CEILING | | STL - STEEL |
| CFM - CUBIC FEET PER MINUTE | | SW - SIDEWALK |
| CI - CAST IRON | | SYMM - SYMMETRICAL |
| CIP - CAST IRON PIPE | | T - TELEPHONE |
| C.I.P. - CAST-IN-PLACE | | TAN - TANGENT |
| CL - CENTERLINE | | T&B - TOP AND BOTTOM |
| CLC - CONSTRUCTION JOINT | | T&G - TONGUE AND GROOVE |
| CLR - CLEAR | | TBC - TOP BACK OF CURB |
| CMP - CORRUGATED METAL PIPE | | TBM - TEMPORARY BENCH MARK |
| CMU - CONCRETE MASONRY UNIT | | TC - TOP OF CURB |
| CO - CLEANOUT | | TELE - TELEMETRY |
| CONC - CONCRETE | | TEMP - TEMPORARY OR TEMPORARY |
| CONT - CONTINUOUS | | THD - THREAD |
| COORD - COORDINATE | | TOC - TOP OF CONCRETE |
| CPLG - COUPLING | | TOG - TOP OF GRATE |
| CTR - CENTER | | TOP - TOP OF FOOTING |
| CU FT - CUBIC FEET | | TOW - TOP OF WALL |
| CV - CHECK VALVE | | TP - TOP OF PAVEMENT OR TELEPHONE POLE |
| CP - SURVEY CONTROL POINT | | TYP - TYPICAL |
| CY - CUBIC YARD | | U - UNIFORM BUILDING CODE |
| D | | UOS - UNLESS OTHERWISE SPECIFIED |
| - - DEGREE (ANGLE) | | UG - UNDERGROUND |
| J - PENNY (NAIL SIZE) | | UTIL - UTILITY |
| DBL - DOUBLE | | UP - UTILITY POLE |
| DDCV - DOUBLE DETECTOR CHECK VALVE | | V - VOLT |
| DI - DRAINAGE INLET | | VC - VERTICAL CURVE |
| DA - DIAMETER | | VCP - VETRIFIED CLAY PIPE |
| DIAG - DIAGONAL | | VERT - VERTICAL |
| DM - DIMENSION | | VPI - VERTICAL POINT OF INTERSECTION |
| DIP - DUCTILE IRON PIPE | | W - WATER |
| DRWY - DRIVEWAY | | WM - WATER METER |
| DWG - DRAWING | | WV - WATER VALVE |
| E | | X - X |
| EX - EXISTING | | XFMR - TRANSFORMER |
| EA - EACH | | Y - YARD |
| EC - END CURVE | | YD - YARD |
| ECR - END CURB RETURN | | YD* - SQUARE YARD |
| EF - EACH FACE | | YD* - CUBIC YARD |
| EL - ELEVATION | | |
| ELEC - ELECTRIC OR ELECTRICAL | | |
| ELEV - ELEVATION | | |
| ENGR - ENGINEER | | |
| EP - EDGE OF PAVEMENT | | |
| EQ - EQUAL | | |
| EQUIP - EQUIPMENT | | |
| EVC - END OF VERTICAL CURVE | | |
| EW - EACH WAY | | |
| EXC - EXCAVATE | | |
| EXP JT - EXPANSION JOINT | | |
| EXT - EXTERIOR | | |
| F | | |
| FC - FACE OF CURB | | |
| FF - FINISHED FLOOR | | |
| FG - FINISHED GRADE | | |
| FI - FIRE HYDRANT | | |
| FLNE - FINISH LINE | | |
| FLD - FLANGE | | |
| FLR - FLOOR | | |
| FS - FINISHED SURFACE | | |
| FT - FOOT | | |
| FT* - SQUARE FEET | | |
| FT* - CUBIC FEET | | |
| FTO - FOOTING | | |

LEGEND

| | | |
|-----------------|-----------------|---|
| PROPOSED | EXISTING | |
| | △ | BENCH MARK |
| | + | RADIUS POINT |
| | ▭ | CONCRETE |
| | ▨ | PAVEMENT |
| | ○ | LIGHT POST |
| | — x — | GUY WIRE |
| | — | FENCE |
| | — — — | PROPERTY LINE |
| | — — — | EASEMENT LINE |
| | — — — | CENTERLINE |
| | — (25) — | ELEVATION MARKER |
| | ○ | PROPERTY CORNER |
| | ⊗ | SURVEY MONUMENT |
| | △ | CONTROL POINT |
| | ⊖ | CYCLONE FENCE |
| | ▨ | BUILDING LINE |
| | — | ELECTRICAL CONDUIT |
| | — | WATER VALVE |
| | — | 14" FENDER PIER |
| | — | PLASTIC LUMBER |
| | — | WATER METER |
| | — | WATER LINE |
| | — | CONSTRUCTION STAGING AREA |
| | — | GENERAL SITE AREA |
| | — | AREA OF IMPACT |
| | — | SIZE AND MATERIAL OF EXISTING PIPING MAY BE SHOWN WHEN KNOWN. |
| | — | SIZE AND MATERIAL OF NEW PIPING MAY BE SHOWN ON PLAN OR IN PROFILE. |

NOTES:

- CONTACT THE ENGINEER FOR SYMBOLS NOT LISTED.
- THIS IS A STANDARD SHEET, THEREFORE SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET WHICH DO NOT APPEAR ON THE PLANS.
- SITE AND UTILITY SYMBOLS SHOWN ON THIS SHEET ARE NOT INTENDED TO REPRESENT THE PHYSICAL SCALE OR SHAPE OF ANY ITEMS. WHERE LARGE-SCALE PLANS ARE PRESENTED, THE SYMBOLS SHOWN HEREON MAY BE REPLACED BY DETAILS MORE SUITED TO THE DRAWING SCALE.

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FISHERMAN'S TERMINAL PILE REPLACEMENT
CITY OF EUREKA
4 C STREET, CA 95453

CIVIL LEGEND & ABBREVIATIONS

| | |
|------------|---------|
| DRAWN | CSC |
| CHECK | JC |
| APPROVED | RLW |
| DATE | TBD |
| JOB NUMBER | 8247.18 |
| DRAWING | CO.1 |

DRAFT - 30% DESIGN
NOT FOR CONSTRUCTION

GENERAL NOTES:

- 1. ALL WORK SHALL CONFORM TO CURRENT CALIFORNIA BUILDING CODE AND CALTRANS 2010 STANDARD SPECIFICATIONS AND PLANS, AND STANDARD DETAILS INCLUDING HEEDIN.
- 2. THE WORKING DRAWINGS ARE GENERALLY DIMENSIONAL. THEY DO NOT SHOW EVERY OFFSET, RISE OR FLOOR REQUIRED FOR INSTALLATION IN THE SPACE PROVIDED. THEY DO NOT SHOW EVERY DIMENSION, COMPONENT PIECE, SECTION, POINT LOCATION OR LOCATION TO LOCATE THE FINISH. ALL LOCATIONS FOR WORK SHALL BE LOCATED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION. EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF EXISTING SHALL BE VERIFIED AS TO LOCATION, SIZE AND LOCATION BY UNCOVERING. PROVIDED SUCH IS PERMITTED BY LOCAL PUBLIC AUTHORITIES WITH JURISDICTION, BEFORE BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY OWNER OF ANY DISCREPANCIES.
- 3. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 4. THE CONTRACTOR SHALL PROVIDE A COPY OF THE TRENCH PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE EXCAVATION OF ANY TRENCH OVER FIVE FEET IN DEPTH.
- 5. CONTRACTOR SHALL PERFORM TRENCH WORK IN CONFORMANCE WITH THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY REQUIREMENTS AND SHALL CONFORM TO ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH STANDARDS, RULES, REGULATIONS AND ORDERS ESTABLISHED BY THE STATE OF CALIFORNIA AND OTHER APPLICABLE AGENCIES.
- 6. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, GENERAL CONTRACTOR WILL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONSTRUCTION DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. ALL WORK AND EQUIPMENT SHALL COMPLY WITH THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY REQUIREMENTS. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO HOLD HARMLESS, INDEMNIFY AND DEFEND THE OWNER, THE ENGINEER AND HIS/HER CONSULTANTS.
- 7. THE CONTRACTOR SHALL INDEPENDENTLY REVIEW EXISTING SITE IMPROVEMENTS, UTILITIES, SOILS CONDITIONS, TOPOGRAPHY, VEGETATION, AND CONDITIONS THROUGHOUT THE SITE, AND ADJUST THE WORK SHOWN HEREIN TO THE WORK SET OUT ON THESE PLANS, REGARDLESS OF ROCK, WATER TABLE, EXISTING IMPROVEMENTS, OTHER CONDITIONS WHICH MAY BE DISCOVERED IN THE COURSE OF THE WORK.
- 8. ANY DISCREPANCY DISCOVERED BY THE CONTRACTOR IN THESE PLANS, OR ANY FIELD CONDITIONS UNOCCURRED BY THE CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK SHOWN HEREIN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE ENGINEER IMMEDIATELY UPON DISCOVERY. SAID NOTIFICATION SHALL BE IN WRITING.
- 9. ALL UNDERGROUND IMPROVEMENTS SHALL BE INSTALLED TESTED AND APPROVED PRIOR TO PAVING.
- 10. THE CONTRACTOR SHALL NOT BEGIN EXCAVATING UNTIL ALL EXISTING UTILITIES HAVE BEEN MARKED BY THE FIELD. THE CONTRACTOR SHALL NOTIFY EACH APPLICABLE ENTITY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. CALL UNDERGROUND SERVICE ALERT (CUSA) TWO WORKING DAYS BEFORE DIGGING AT (800) 842-2444 FOR LOCATES.
- 11. CHAIRING AND CONSTRUCTION CONTINUANCES SHALL STOP WORK AND NOTIFY THE OWNER AND THE ENGINEER IF CULTURAL RESOURCES ARE DISCOVERED DURING CONSTRUCTION.
- 12. THE CONTRACTOR SHALL GIVE THE INSPECTOR 48 HOURS ADVANCE NOTICE OF ANY CONSTRUCTION OR REQUIRED TESTING.
- 13. SHOULD THE CONTRACTOR OR ANY OF HIS AGENTS OR EMPLOYEES ENCOUNTER OR DISCOVER MATERIALS WHICH APPEAR TO BE HAZARDOUS DURING THE PERFORMANCE OF THE WORK, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY AND STOP WORK IN THE AFFECTED AREA UNTIL THE ENGINEER HAS INSPECTED THE LOCATION AND MATERIALS IN QUESTION. SHOULD IT BE NECESSARY TO UNDERGO REMEDIATION, THE ENGINEER WILL GIVE WRITTEN NOTICE TO SUSPEND WORK IN THE AFFECTED AREA UNTIL THE PROPER COURSE OF ACTION HAS BEEN DETERMINED. OPERATIONS IN THE AFFECTED AREA SHALL BE RESUMED ONLY UPON WRITTEN NOTICE BY THE ENGINEER.
- 14. ALL SITE GRADING WILL BE INSPECTED BY THE ENGINEER. COMPACTION TESTING WILL BE CONDUCTED AFTER SUFFICIENT ZONES HAVE BEEN ACHIEVED IN THE CONTRACTOR'S OPINION. THE CONTRACTOR SHALL MAKE ALL REQUESTS FOR MATERIALS TESTING AT LEAST 48 HOURS IN ADVANCE. ANY SOILS THAT FAIL TO MEET THE REQUIRED COMPACTION LEVELS SHALL BE REMOVED AND RECOMPACTED. ALL COSTS ASSOCIATED WITH ACHIEVING COMPACTION STANDARDS SHALL BE INCLUDED IN THE CONTRACTOR'S ORIGINAL BID.
- 15. NO CHANGES OR MODIFICATIONS SHALL BE MADE TO THESE PLANS WITHOUT WRITTEN APPROVAL BY THE ENGINEER. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO AND USES OF THESE PLANS UNLESS APPROVED IN WRITING BY THE PREPARER OF THESE PLANS OR THE CITY ENGINEER.
- 16. THE LOCATIONS OF CITY OF EUREKA ELECTRICAL FACILITIES, FIRE, CABLE AND FIBER CLOSURE BOXES & FIBER CLOSURE UTILITY SHOWN ON THE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL POTHOLE AND REPAIR THE EXACT HORIZONTAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AS PART OF THE COST OF THE PERFORMING WORK UNDER THIS CONTRACT, AND SHALL ADJUST THE DEPTH OF THE NEW UTILITIES TO CLEAR AS DIRECTED BY THE ENGINEER.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE OFF-SITE DISPOSAL OF ALL BITUMINOUS PAVEMENT, CONCRETE, REINFORCEMENT, AND SPOILS NOT NEEDED FOR BACKFILL AS REQUIRED BY THE ENGINEER AND PER THESE SPECIFICATIONS.
- 18. THE CONTRACTOR SHALL MAINTAIN REASONABLE ACCESS TO ALL DRIVEWAYS AND SIDEWALKS DURING CONSTRUCTION.
- 19. ALL TRENCHES SHALL BE BACKFILLED AND PAVED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND CITY STANDARD PLAN 222.
- 20. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION, UNLESS OTHERWISE NOTED OF THE CALTRANS MANUAL OF TRAFFIC CONTROL FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS. ALL SIGNS SHALL BE APPROPRIATELY CONTRACTED WITH REFLECTIVE MATERIAL ON A BACKING OF METAL OR FABRIC (NO WOOD OR PLASTIC ALLOWED) AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION TO PROVIDE PROPER VISIBILITY.
- 21. ALL PAVEMENT MARKINGS DAMAGED DUE TO CONSTRUCTION SHALL BE REPLACED PER CALTRANS STANDARDS. PATCHING OF DAMAGED MARKINGS WILL NOT BE ALLOWED.
- 22. NO CONSTRUCTION SHALL COMMENCE WITHOUT PRIOR APPROVAL OF THE CITY OF EUREKA PUBLIC WORKS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL ITEMS NOT SPECIFIED FOR DEMOLITION PER PLANS.
- 23. CONSTRUCTION MATERIALS AND EQUIPMENT SHALL BE NEW AND OF A QUALITY EQUAL TO THAT SPECIFIED OR APPROVED. WORK SHALL BE DONE AND COMPLETED IN A THOROUGH AND WORKMANLIKE MANNER.
- 24. CONTRACTOR SHALL CONFINER HOURS OF CONSTRUCTION OPERATION TO 7 A.M. TO 7 P.M. MONDAY THRU FRIDAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 25. ALL MATERIALS DEMOLISHED & REMOVED FOR DISPOSAL SHALL BE DISPOSED OF AT A LEGALLY PERMISSIBLE LOCATION.
- 26. ALL CONSTRUCTION TO OCCUR BETWEEN THE MONTHS OF JUNE 15 - OCTOBER 15

EROSION CONTROL NOTES:

- 1. S BMP'S SHALL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE AND MAINTAINED SUCH THAT NO VISIBLE SEDIMENT LEAVES THE SITE.
- 2. TRACKING CONTROLS (WHY/WHEN/FOOT MAT)
- 3. PAVED AREAS AT THE ACCESS POINTS SHALL BE SHEEP OR MOUNDING AS OTHER AT EACH DAY TO ELIMINATE TRACKING SOIL AND DEBRIS BEYOND THE LIMITS OF THE PROJECT SITE. ANY SOILS AND/OR DEBRIS ON ROAD, DRIVE, ETC. TRACKED BEYOND THE LIMITS OF THE PROJECT SITE AS A RESULT OF THIS PROJECT SHALL BE REMOVED IMMEDIATELY.
- 4. DISTURBED AREAS PROTECTED TO EXTENT PRACTICAL DURING CONSTRUCTION.
- 5. STOCKPILE MANAGEMENT TO BE IMPLEMENTED.
- 6. DISTURBED AREA STABILIZED AS SOON AS POSSIBLE.
- 7. THE CONTRACTOR SHALL NOT ALLOW ANY CONSTRUCTION DEBRIS TO ENTER THE STORM DRAIN OR SANITARY SEWER SYSTEMS. THE CONTRACTOR SHALL INSTALL APPROVED PHYSICAL BARRIERS TO ENSURE THAT ALL DEBRIS IS CAPTURED AND REMOVED FROM SURFACE RUNOFF PRIOR TO RELEASING SITE RUNOFF.
- 8. SUBMIT SWPPP IN ACCORDANCE WITH SPECIAL PROVISIONS.

SURVEY NOTES:

ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83), DERIVED FROM NGS BENCHMARK WA 100966 AT CORNER OF 2ND ST. AND 7th ST.

BASED ON BEARINGS
GRID NORTH CA STATE PLANE ZONE 1
SUBSURFACE CONDITIONS NOT SURVEYED.

FIELD SURVEY BY LACO ASSOCIATES ON DEC 2, 2020.
ONLY CONDITIONS EXISTING AT THAT TIME ARE REFLECTED ON THIS MAP.

THE CONTENT OF THIS MAP WAS DERIVED BY CONTRACT AT THE REQUEST OF CITY OF EUREKA. LACO ASSOCIATES ACCEPTS NO LIABILITY FOR USE OF THIS MAP BY ANYONE OTHER THAN THE AUTHORIZED REPRESENTATIVE THEREOF.

AN ELECTRONIC FILE OF THIS MAP HAS BEEN PREPARED AND, IF TRANSMITTED FOR USE BY OTHERS, WAS DONE SO AS A COURTESY AND IS SUPPLEMENTARY TO THE SIGNED AND SCALED ELECTRONIC FILE AND TO THE SUBSCRIBER COPY OF ELECTRONIC FILE TO BE OBTAINED BY OTHERS. THE SIGNED AND SCALED ELECTRONIC FILE, DELIVERED TO THE CLIENT, CONSTITUTES THE ONLY ACTUAL WORK PRODUCT OFFICIALLY PROVIDED IN ACCORDANCE WITH THE EXCLUDED PROFESSIONAL SERVICES AGREEMENT.

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| NO. | REPORT / REVISION | BY | CHK | DATE |
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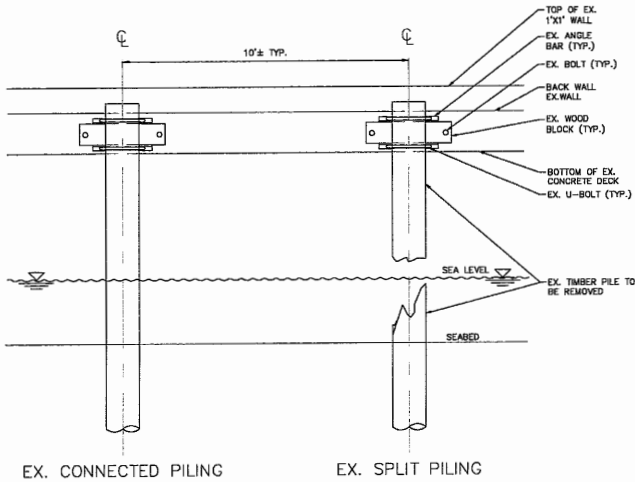
FISHERMAN'S TERMINAL PILE REPLACEMENT
CITY OF EUREKA
4 C STREET, CA 95453
CIVIL GENERAL NOTES

| | |
|------------|---------|
| DRAWN | CSC |
| CHECK | JC |
| APPROVED | KLW |
| DATE | (BD) |
| JOB NUMBER | 8247.18 |
| DRAWING | C0.2 |

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NOT FOR CONSTRUCTION**

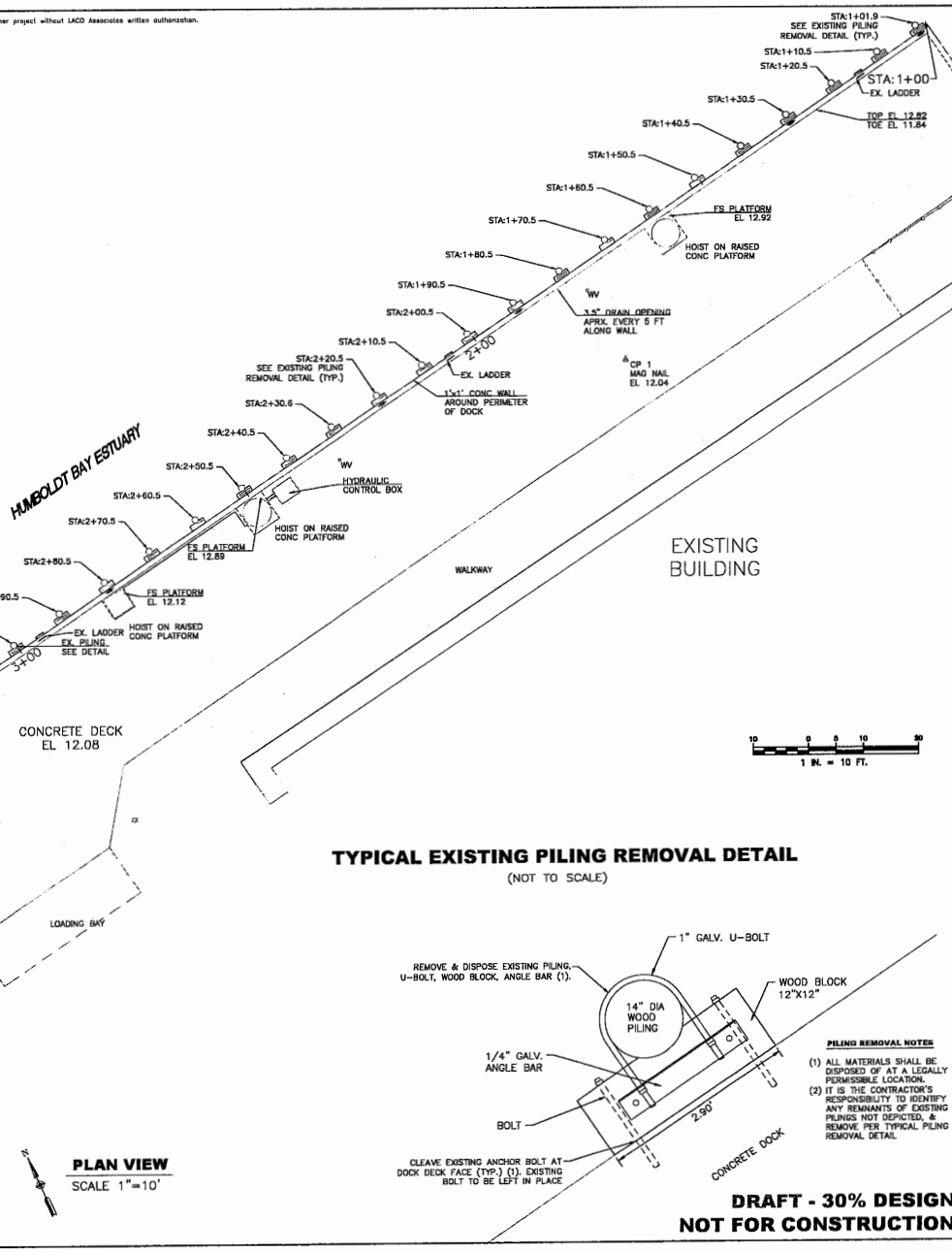
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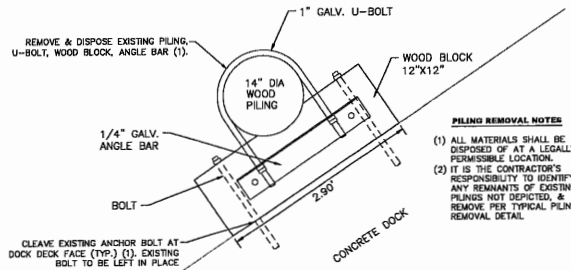


TYPICAL EXISTING PILING DETAIL

N.T.S.



TYPICAL EXISTING PILING REMOVAL DETAIL (NOT TO SCALE)



- PILING REMOVAL NOTES**
- (1) ALL MATERIALS SHALL BE DISPOSED OF AT A LEGALLY PERMISSIBLE LOCATION.
 - (2) IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ANY REMAINTS OF EXISTING PILING NOT DEPICTED, & REMOVE PER TYPICAL PILING REMOVAL DETAIL.

PLAN VIEW
SCALE 1"=10'

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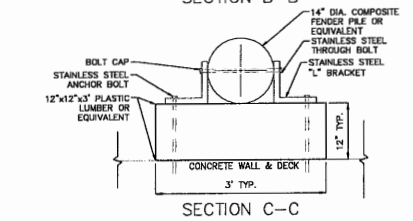
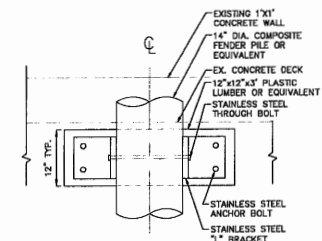
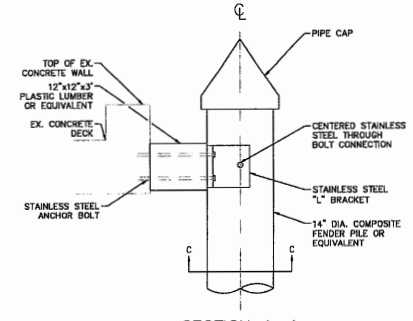
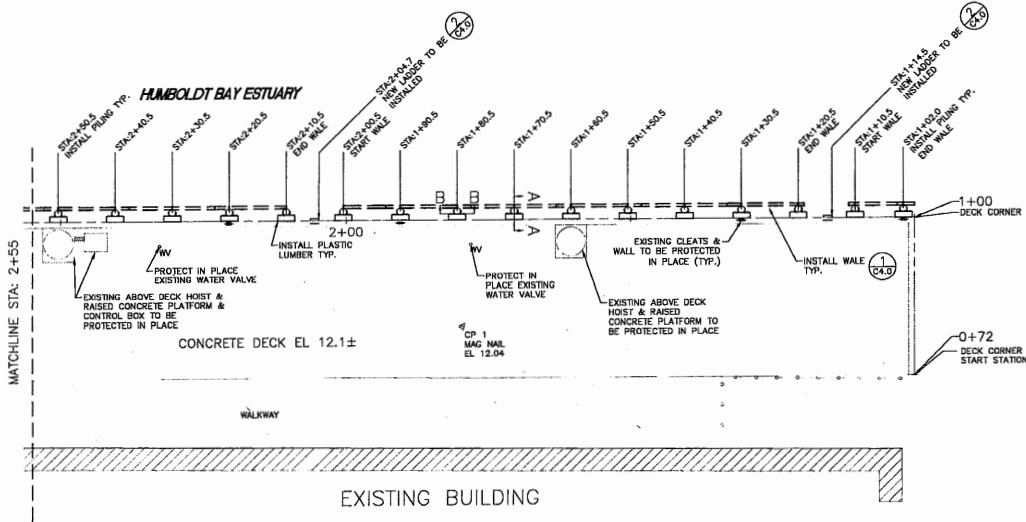
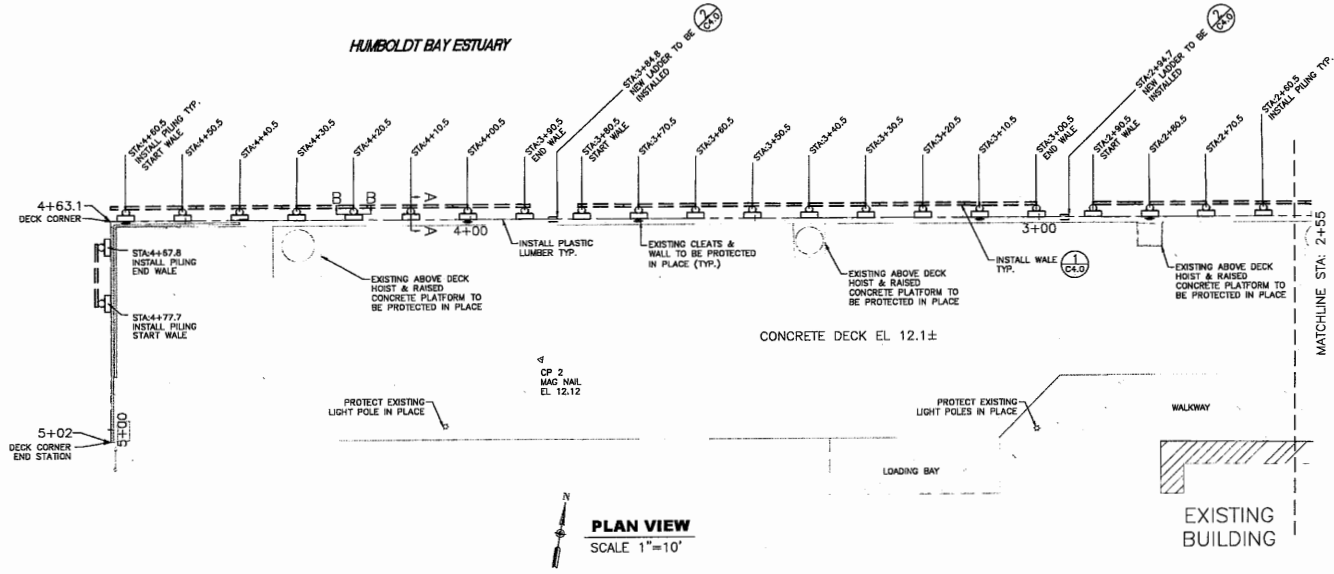
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FISHERMAN'S TERMINAL PILING REPLACEMENT
CITY OF EUREKA
4 C STREET, CA 95453
EXISTING CONDITIONS & DEMOLITION PLAN

| | |
|------------|---------|
| DRAWN | CSC |
| CHECK | JC |
| APPROVED | RLW |
| DATE | TBD |
| JOB NUMBER | 8247.18 |
| DRAWING | C1.0 |

PLS. DO NOT SCALE DIMENSIONS FROM THIS DRAWING.
 1. CONFIRM EXISTING PILING WITH FIELD SURVEY.

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FENDER PILING AND CONNECTION DETAILS
N.T.S.

No. 20271-320m
 7/1/2014 10:27:16 AM FISHMAN'S TERMINAL REPLACEMENT (SHEET 18) - Civil Drawing

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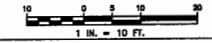
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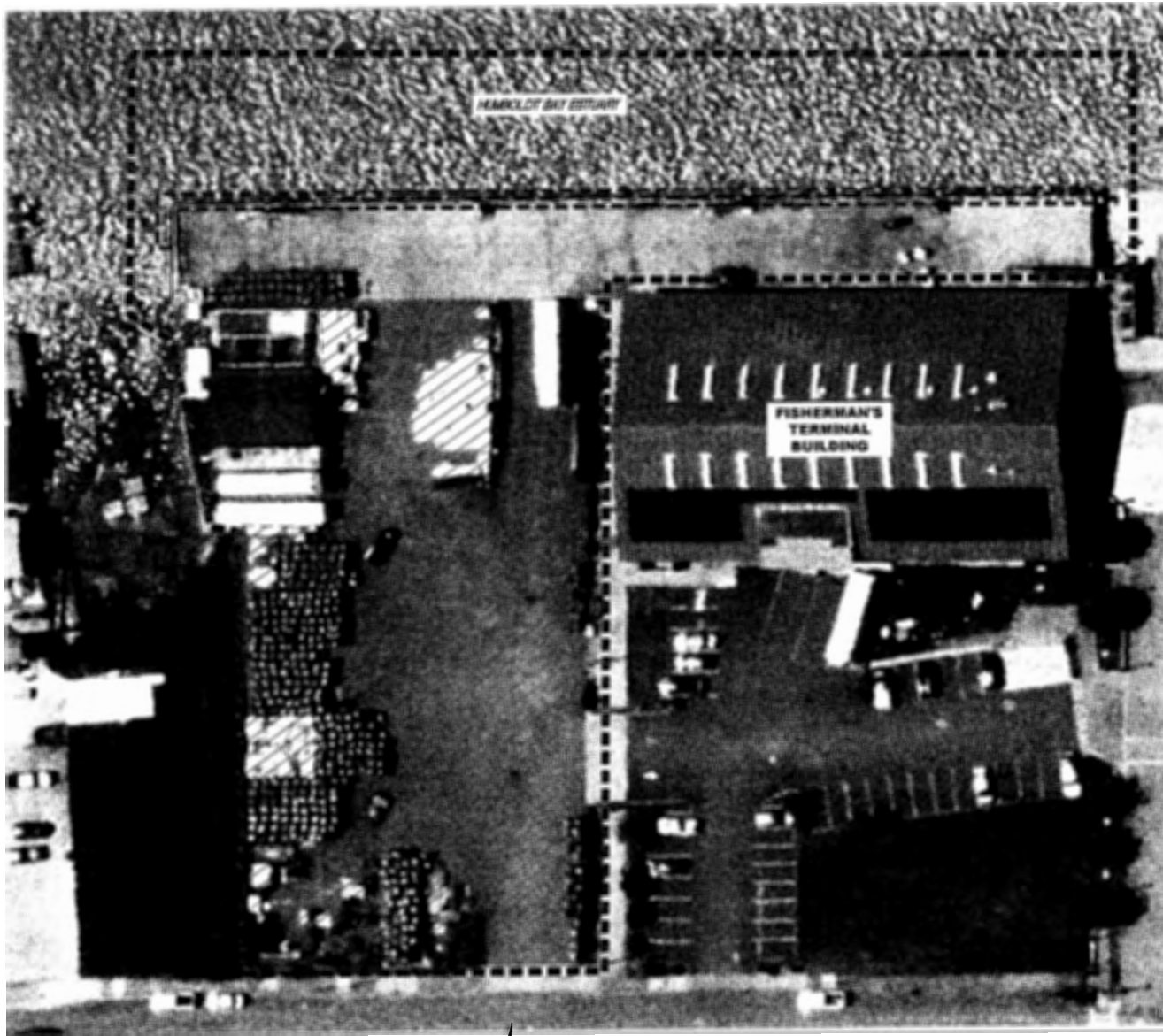
FISHMAN'S TERMINAL PILE REPLACEMENT
 CITY OF EUREKA
 4 C STREET, CA 95603

PILE CONSTRUCTION PLAN

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|------------|---------|
| DRAWN | CSC |
| CHECK | JC |
| APPROVED | RLW |
| DATE | TBD |
| JOB NUMBER | 8247.18 |
| DRAWING | C2.0 |





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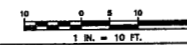




PLAN VIEW
SCALE 1"=20'

LEGEND/ABBREVIATIONS

-  39 NEW 14" FENDER PILES TO REPLACE EXISTING PILES
 -  AREA OF DISTURBANCE
 -  PROJECT AREA
 -  CONSTRUCTION STAGING AREA
- FISHERMAN'S TERMINAL IS A JOINT USE FACILITY. IT IS COMPRISED PARTLY OF A RESTAURANT & A FISH PROCESSING FACILITY.



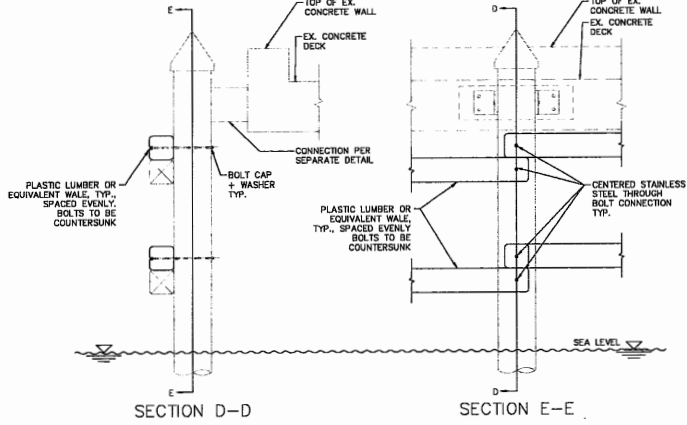
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FISHERMAN'S TERMINAL PILE REPLACEMENT
CITY OF EUREKA
4 C STREET, CA 95403

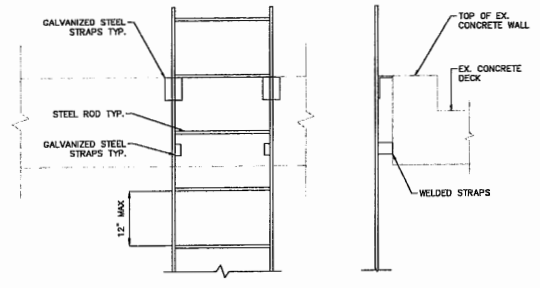
CONSTRUCTION STAGING PLAN

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| DRAWN | CSC |
| CHECK | JC |
| APPROVED | RLW |
| DATE | TBD |
| JOB NUMBER | B247.1B |
| DRAWING | C3.0 |

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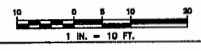


1 WALE SPACING DETAILS N.T.S.



2 WELDED STEEL LADDER N.T.S.

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FISHERMAN'S TERMINAL PILE REPLACEMENT
CITY OF EUREKA
4 C STREET, CA 95453

CONSTRUCTION DETAILS

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| DRAWN | CSC |
| CHECK | JC |
| APPROVED | RLW |
| DATE | TBD |
| JOB NUMBER | B247.18 |
| DRAWING | C4.0 |



Accessibility
Menu

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A Special District of the State of California



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Eelgrass Distribution Map



Supplemental Information

Eureka's Fisherman's Terminal Piling Replacement Project City of Eureka

Project Description

8. Site Size

The total project area, including staging areas, is approximately 0.25 acres.

9. Square Footage

No new construction is proposed. The project involves replacement of existing degraded wooden pilings with plastic composite pilings of the same size in the same location of the existing wooden pilings to be replaced.

10. Number of floors of construction

N/A

11. Amount of off-street parking provided

N/A

12. Attach plans

Please see attached.

13. Proposed scheduling

The project is proposed take approximately 3 weeks to complete and will occur between May and June 2022, during a seasonally appropriate window (i.e., outside of the rainy season).

14. Associated projects

N/A

15. Anticipated incremental development

N/A

16. If residential, include the number of units, schedule of unit sizes, range of sale prices or rents, and type of household size expected

N/A

17. If commercial, indicate the type, whether neighborhood, city or regionally oriented, square footage of sales area, and loading facilities.

The project would repair the loading and unloading dock at the Fisherman's Terminal, located at the terminus of C Street in Eureka. The Fisherman's Terminal serves as a hub for the local commercial fishing industry during all seasons and is a critical facility for supporting this segment of the local economy. The deterioration of the existing pilings has caused serious complications for users, including safety concerns, damage to vessels, and lost productivity.

The existing pier allows fishermen to moor their boats and load and unload. It is also accessible to the general public and connects to the pedestrian path along the waterfront.

18. If industrial, indicate type, estimated per shift employment & loading facilities.

N/A

19. If institutional, indicate the major function, estimated per shift employment, occupancy, loading facilities, and community benefits derived from the project.

N/A

20. If the project involves a variance, conditional use or recognizing application, state this and indicate clearly why the application is required.

N/A

Are the following items applicable to the project or its effects? Answer yes or no. Discuss all items answered yes.

21. Change in existing features of any bays, tidelands, beaches, lakes or hills, or substantial alteration of ground contours.

No

22. Change in scenic views or vistas from existing residential areas or public lands or roads.

No

(The final elevations will be consistent with the original design elevation of the pilings)

23. Change in pattern, scale or character of general area of project.

No

24. Significant amounts of solid waste or litter.

No

25. Change in dust, ash, smoke, fumes or odors in vicinity.

No

26. Change in ocean, bay, lake, stream or ground water quality or quantity, or alteration of existing drainage patterns.

No

27. Substantial change in existing noise or vibration levels in the vicinity.

A. During Construction

B. During Project Utilization

No

28. Site on filled land or on slope of 10% or more.

No

29. Use of disposal or potentially hazardous materials, such as toxic substances, flammable or explosives.

No

30. Substantial change in municipal services demand (police, fire, water, sewage, etc.).

No

31. Substantially increase fossil fuel consumption (electricity, oil, natural gas, etc.).

No

32. Relationship to larger project or series of projects.

No

Environmental Setting

33. Describe the project site as it exists before the project including information on topography, soil stability, plants and animals, and any cultural, historical, or scenic aspects. Describe any existing structures on the site and the use of the structures. Attach photographs of the site. Photos will be accepted.

The project site is the location of the existing Fisherman's Terminal, located at the terminus of C Street in Eureka. As previously discussed, the project involves the replacement of existing deteriorated/damaged wooden pilings with plastic composite pilings of the same size and in the same location of the existing wooden pilings. The City has selected plastic pilings as an appropriate replacement for the failing wooden pilings as plastic pilings will have a longer useful lifespan than wood pilings and also do not require any chemical treatments to reach their maximum useful lifespan. Treated wooden pilings are likely to have a shorter useful lifespan, requiring more frequent future replacement, and may also leach chemical treatments into the bay.

34. Describe the surrounding properties, including information on plants and animals and any cultural, historical, or scenic aspects. Indicate the type of land use (residential, commercial, etc.) intensity of land use (one-family, apartment houses, shops, department stores, etc.) and the scale of development (height, frontage, set-back, rear yard, etc.) Attach photographs of the vicinity. Photos accepted.

Surrounding properties include the bayfront Eureka Boardwalk, the existing Fisherman's Terminal and Jack's Seafood restaurant, Coast Seafoods, Madaket Harbor Cruises, and an unpaved City-owned lot frequently utilized for parking.

35. How will the proposed use or activity promote the public health, safety, comfort, and convenience?

The proposed project would address safety concerns by replacing existing deteriorated/degraded wooden pilings with plastic composite pilings of the same size in the same location, which are expected to have a longer useful lifespan and also do not require any chemical treatments.

Since installation over a decade ago, the existing wooden pilings have severely degraded, with 5 pilings missing entirely while 35 other pilings have severely deteriorated, with approximately 28 of those pilings having rotted to the point that they no longer appear to be anchored in the subsurface. The deterioration of these existing pilings has caused serious complications for users of the facility, as they now lack a complete set of secure pilings upon which to secure their vessels, and vessels which are secured to the remaining pilings are subject to drifting under the dock when the tide is low. This can result in safety concerns, damage to vessels, and lost productivity. In addition, the existing wooden pilings are unprotected and can cause damage to vessels which contact the pilings.

36. How is the requested grant, permit, franchise, lease, right, or privilege required by the public convenience and necessity?

The proposed project was determined necessary by the City of Eureka to address safety concerns and ensure persons utilizing the facility are not injured and property is not damaged.

37. Financial statement:

A. Estimated project cost.

\$475,000

B. How will the project be financed?

United States Department of Commerce Economic Development Administration Public Works and Economic Adjustment Assistance Program, alongside City matching funds.

38. Describe fully directions necessary to arrive at project site.

The project is located at the terminus of C Street in Eureka, between Waterfront Drive/1st Street and Humboldt Bay.

39. The Applicant agrees to as a condition of the permit being issued, to indemnify and hold harmless the Humboldt Bay, Harbor Recreation and Conservation District from any and all claims, demands, or liabilities for attorneys' fees obtained from or against demands for attorney's fees, costs of suit, and costs of administrative records made against District by any and all third parties as a result of third party environmental actions against District arising out of the subject matter of this application and permit, including, but not limited to, attorney's fees, costs of suit, and costs of administrative records obtained by or awarded to third parties pursuant to the California Code of Civil Procedure Section 1021.5 or any other applicable local, state, or federal laws, whether such attorneys' fees, costs of suit, and costs of administrative records are direct or indirect, or incurred in the compromise, attempted compromise, trial, appeal, or arbitration of claims for attorneys' fees and costs of administrative records in connection with the subject matter of this application and permit

Yes, the City of Eureka agrees to this condition.

List of Adjoining Property Owners

Eureka Fisherman's Terminal Piling Replacement Project
City of Eureka

- Coast Seafoods Company
25 Waterfront Drive
Eureka, CA 95501
- Coast Seafoods Company
16797 SE 130th Avenue
Clackamas, OR 97015

Notice of Exemption

Appendix E

To: Office of Planning and Research
 P.O. Box 3044, Room 113
 Sacramento, CA 95812-3044
 County Clerk
 County of: Humboldt
 825 5th Street, 5th Floor
 Eureka, California 95501

From: (Public Agency): City of Eureka
531 K Street
Eureka, California 95501
 (Address)

Project Title: Fisherman's Terminal Piling Replacement Project

Project Applicant: City of Eureka

Project Location - Specific:

Terminus of C Street at existing Fisherman's Terminal pier

Project Location - City: Eureka Project Location - County: Humboldt

Description of Nature, Purpose and Beneficiaries of Project:

The purpose of the project is to repair the loading and unloading dock at the Fisherman's Terminal by replacing existing failed and failing fender pilings. The project involves the removal and replacement of all 40 existing 14-inch diameter wooden pilings that have severely degraded with new plastic composite pilings of the same size. The use of plastic composite pilings will limit damage to vessels which contact the pilings and keep vessels tied to the pilings in place while also providing a solution with a longer lifespan than the existing pilings that were installed over a decade ago. Existing pilings will be removed by using divers to excavate around each pile to expose enough of the pile to secure rigging to the piles, which will then be removed using an excavator located on the adjacent dock. New fender piles will be driven into the existing pier waterfront face via vibratory hammer and will be connected via an interface to the pier. Once the pilings are in place, non-structural plastic wales will be installed across the pilings to provide further protection to vessels using the facility.

Name of Public Agency Approving Project: City of Eureka

Name of Person or Agency Carrying Out Project: City of Eureka

Exempt Status: (check one):

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number: Class 1 (Existing Facilities) - Section 15301
- Statutory Exemptions. State code number: _____

Reasons why project is exempt:

The project would not result in an expansion of use, but would rather repair the existing dock by replacing the severely damaged pilings. Best management practices (BMPs) would be implemented to ensure any potential impacts are minimized and no waste associated with the piling replacement would be allowed to enter Humboldt Bay.

Lead Agency
 Contact Person: Riley Topolewski (Senior Planner) Area Code/Telephone/Extension: (707) 441-4160

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature: *Riley Topolewski* Date: 6/3/21 Title: Senior Planner

Signed by Lead Agency Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code. Date Received for filing at OPR: _____
 Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.