



## **C O N S E N T   C A L E N D A R   I T E M**

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**DATE:**                November 17, 2020  
**RE:**                    2020 NOAA Cathodic Protection System Anode Replacement  
**TO:**                    Director of Operations  
**ISSUED BY:**        Jim Durkee– NOAA Facilities Manager

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### **BACKGROUND**

1. NOAA Facility Manager developed and distributed RFQ for replacement of east zone anodes.
2. Four bids were received.

### **PURPOSE, SCOPE AND DETAIL**

The output from the anodes in the east zone of the cathodic protection system have been dwindling for the past two years and now rest at zero. The entire pier is still protected by the other two zones, the west zone was replaced last year. The east zone needs to be brought back on-line in order to maintain protection of the entire pier, provide redundancy, and improve the life expectancy of the other anodes.

The bid is for a dive team to replace ten anodes on the pilings, run wiring up to the header loop, and for technicians to bring them on line and calibrate them.

In order to complete the process, the facility manager is requesting that a contract be authorized with Crux Diving in the amount of \$50,284.00. According to Norton Corrosion, they have worked with this contractor on similar systems elsewhere.

### **BUDGET IMPLICATIONS**

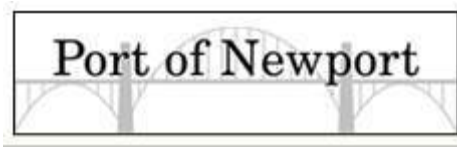
Funds were allocated in the 2020/2021 budget for this project and the final price is well within expectations.

### **RECOMMENDATION**

Recommend approval of a contract for NOAA Cathodic Protection System East Zone Anode Replacement – Crux Diving in the amount of \$50,284.00.

**Best Value Analysis:**

Company	Advanced American Construction	Associated Underwater Sevices	Ballard Marine Construction	Crux Diving
Contact				
Phone				
Email				
Criteria				
<b>Total Price</b>	<b>\$ 83,000.00</b>	<b>\$ 52,510.00</b>	<b>\$ 59,365.00</b>	<b>\$ 50,284.00</b>
Mob/Demobilization	\$ 7,000.00	\$ 2,410.00	\$ 23,746.00	\$ 1,335.00
Dive Crew/Installation	\$ 48,000.00	\$ 19,650.00	\$ 16,584.00	\$ 19,044.00
Start-up/Callibration	\$ 28,000.00	\$ 30,450.00	\$ 19,035.00	\$ 29,905.00
Norton Corrosion personnel have worked with all of these contractors and were satisfied with all of their work.				



## REQUEST FOR QUOTATION (RFQ)

**PROJECT:** NOAA East Zone Cathodic Protection Anode Replacement 2020/21  
**LOCATION:** 2002 Marine Science Dr. Newport, OR

**BID DUE:** November 16, 2020, 3:00pm pacific time

Proposals on this project will be accepted by Hand Delivery, Mail, Fax, PDF via email.

**SUBMIT TO:** Port of Newport C/O General Manager Phone: (541) 265-7758  
600 SE Bay Boulevard Fax: (541) 265-4235  
Newport, OR 97365 Email: jim@portofnewport.com

**QUESTIONS TO:** Jim Durkee 541-270-0545

### TERMS AND CONDITIONS:

- Schedule for Work:** Start: 1/25/2021 In Water Completion: 2/14/2021 Completion: 3/1/2021  
Time is of the essence. All attempts at improving the schedule will be made by the contractor. In-water-work must be completed by 2/14/2021. An Army Corps Permit is PENDING. There is a lead time on the anodes of 8 to 10 weeks.
- General Description:** The Port of Newport is requesting competitive quotations for replacement of impressed current cathodic protection anodes at the NOAA Marine Operations Center – Pacific Facility. The scope of work includes replacement of 10 anodes in the east loop of the cathodic protection system.
- Scope of Work:** Provide all labor, material, tools, boats, lift equipment, supervision (min one company employed, full time foreman), submittals, manuals and incidentals necessary to complete all work implied by the attached scope of work you are quoting. Any deviations taken by bidder to the terms, conditions, plans, specifications, codes, etc of this RFQ shall be clearly stated and included as an attachment to the Bid Form.
- Bid Breakdown:** Please use attached Bid Form. Your proposal cannot be considered unless the Bid Form has been completed in its entirety. Lump sum bids shall be inclusive of all taxes, freight, insurance, overhead, permits, fees, and profit.
- Proposal Selection:** The Port Manager or appointed contact will evaluate each submitted proposal and report to the Port Commission with a recommendation if required. If required, the Port Commission shall make the final selection and reserves the right to reject any proposal not in compliance with all prescribed public bidding procedures and requirements, and may reject for good cause any or all proposals upon finding that it is in the public interest to do so. The Port will analyze information provided by all Proposers. The successful Proposer will be selected on the basis of the following:
  - Approach and evaluation of the past experience of the individuals who would be performing the work for the Port.
  - The results of reference checks including the ability to meet permit requirements.
  - Responsiveness to proposal specifications and required information.

d. Fee for services performed.

6. **Drawings and Specifications:** If applicable, bidder is provided with documents, which are thought to be necessary in preparing a proposal. Bidder is responsible for requesting any other documents/drawings from references in the scope of work that would be necessary to prepare a complete proposal.
7. **Temporary facilities:** If applicable, field office, telephone, office equipment, and storage are to be provided by the contractor. Contractor is responsible for receiving and storing materials and for clean-up and removal of any waste generated by this scope of work on a daily basis. Restrictions for parking will apply.
8. **Safety:** Successful bidder will comply with all OR-OSHA & OSHA safety requirements at all times while on Port property. Contractor will be responsible for all employee safety training, safety meetings, record keeping and safety compliance.
9. **Insurance:** Upon acceptance, contractor will provide proof of proper business licensing and registration in Lincoln County, Oregon, and will maintain all required licensing and permits required by Local, State or Federal jurisdictions to perform the services of this agreement. Contractor will provide proof of business liability insurance with a minimum of \$2,000,000 liability coverage and maintain required liability insurance at all times for services and their responsible employees while on Port owned property. Contractor will be fully responsible to maintain all employee workmen's compensation insurance as mandated by Local, State and Federal requirements. Contractor shall name the Port of Newport as an Additional Insured and provide a Certificate of Insurance confirming Liability and Workers Compensation with a 30 day Notice of Cancellation, prior to starting any work. Contractor shall pay any and all payroll and withholding taxes and any other sums that is required by Local, State or Federal agencies.
10. **Prevailing Wages:** The Contractor may be required to pay prevailing wage rates, depending upon the final total price of the project, in conformance to ORS 279C.800 thru 279C.870. A current copy of Prevailing Wage Rates for Public Works contracts in Oregon is available from the State of Oregon, Bureau of Labor and Industries.
11. **Boli Fee:** The Port, if required, will pay a fee to the Bureau of Labor and Industries pursuant to the provisions of ORS 279C.825. The fee is one-tenth of one percent of the price of this contract, but not less than \$100.00 nor more than \$5,000.00, regardless of the contract price.
12. **Nondiscrimination & Affirmative Action:** The Port of Newport is an equal opportunity employer and provider and requires all Proposers to comply with policies and regulations concerning equal opportunity. The Proposer, in the performance of this Agreement, agrees not to discriminate in its employment because of an employee's or applicant's race, religion, national origin, ancestry, sex, age, or physical handicap.
13. **Environmental And Natural Resources Laws To Be Observed:** In compliance with ORS 279C.525, the following is a list of federal, state and local agencies, of which the Port has knowledge, that have enacted ordinances or regulations relating to environmental pollution and the preservation of natural resources that may affect the performance of the Contract:

FEDERAL AGENCIES:

Department of Agriculture, Forest Service, Soil Conservation Service, Department of Defense, Army Corps of Engineers, Department of Energy, Federal Energy Regulatory Commission, Environmental Protection Agency, Health and Human Services, Department of Housing & Urban Development, Department of Interior, Bureau of Land Management

STATE AGENCIES:

Department of Agriculture, Soil and Water Conservation Commission, Department of Energy, Department of Environmental Quality, Department of Fish and Wildlife, Department of Forestry, Division of State Lands, Water Resources Department

LOCAL AGENCIES:

14. **Public Safety During Construction:** Public & Marine safety and traffic control shall be provided for by Contractor in accordance with the latest agency rules.
15. **Street/Sidewalks Closure requirements:** Street and sidewalk closures shall be kept to a minimum during construction. Access to local businesses shall be maintained at all times to pedestrian traffic. Any disruptions to pedestrian traffic to local businesses shall be coordinated between the Contractor and business owner to their mutual satisfaction. Contractor shall notify City Engineer and Emergency Services before closing any streets.
16. **Compliance:** Selected contractor is required to use “Best Management Practices” including all conditions and requirements set forth in the US Army Corps of Engineers (USACE) joint permit application and the Department of State Lands (DSL) authorization. All work must comply and be executed in all “requirements” in accordance with USACE, DSL, ODFW and DEQ conditions as directed in agency permit documents. Contractors must be familiar with and have copy of permit documents on site at all times during and while engaged in permit specified work tasks. Contractor will be liable for all fines or penalties related to non-compliant work or schedule.

**SCOPE OF WORK**  
**NOAA MOC-P East Zone Cathodic Protection Anode Replacement 2020/21**  
**NOAA MOC-P FACILITY – NEWPORT, OR**

**PART 1 - SCOPE**

To provide all labor, supervision, equipment, materials, expendables, submittals, applicable taxes, freight to jobsite, and incidentals necessary to complete all work implied as follows:

**1.1 SUMMARY**

- a. Supply 10 large mixed metal oxide anodes along with #6 cable and all required accessories.
- b. This Section includes the following:
  - i. Supply diving crew and work boat and equipment for installation of anodes.
  - ii. Supply work team with boat to support dive crew and to handle cathodic protection equipment, routing of cable and connection to cathodic protection system,
  - iii. Technical support team to energize system and ensure proper operation and calibration of cathodic protection system and to supply recommended system settings and readouts for future maintenance.

**1.2 SUBMITTALS**

- a. The Contractor shall provide a plan layout of anodes and wiring placement.

**1.3 TIMING**

Work hours between 7:00am – 7:00pm. Nighttime work with lights allowed by pre-approved permission only.

**1.4 PERMITS**

- a. An Army Corps Permit is PENDING. The Contractor shall comply with conditions and requirements of the Corps of Engineers Permit and other State or Federal permits. The Owners Representative will secure the permit. Contractor will post and display permits as required. In the event the Permit is not acquired in time to complete the job in the in-water-work window the job will be postponed until the following winter.

**1.5 ENVIRONMENTAL PROTECTION REQUIREMENTS**

- a. The Contractor shall provide and maintain, during the life of the contract, environmental protective measures. Also, provide environmental protective measures required to correct conditions, such as oil spills or debris that occur during the operations. Comply with Federal, State, and local regulations pertaining to water, air, and noise pollution.

## **PART 2 - PRODUCTS**

- a. Anodes must meet or exceed specifications of Morganode II anodes being replaced.

## **PART 3 - EXECUTION**

### **3.1 INSPECTION**

- a. Inspection of the work will be performed by the Owners representative. Presence of the inspector shall not relieve the Contractor of the responsibility for the proper execution of the work in accordance with the specifications.

### **3.2 FINAL EXAMINATION, ACCEPTANCE AND PAYMENT**

#### General

The presence of the OWNER's construction representative shall not relieve the Contractor of responsibility for the proper execution of the work in accordance with the specifications.

## **PART 4 – GENERAL**

### **4.1 ADDITIONAL NOTES**

- a. The NOAA MOC-P facility is a federally secured property. General admittance to the property is not permitted without permission. Names of trades persons and delivery vehicles to be submitted prior to entry. All persons are subject to security check-in at NOAA main gate.
- b. The NOAA MOC-P federal facility is a working office and warehouse facility. All attempts at reducing impact to administrative personnel during working hours 7:00am – 5:00pm will be made. Submit a preliminary work schedule for all affected areas prior to mobilization.
- c. Mobilization of equipment and materials and de-mobilization of equipment and excess materials will be off site at a location provided by the Port of Newport.
- d. Contractor is responsible for protecting all areas adjacent to their work from any damage due to their scope of work. Any and all damage will be repaired and/or cleaned up by contractor at the contractor's expense.
- e. Contractor is responsible for off-loading, storing and weatherproofing materials on job site, and responsible for the necessary equipment needed to unload materials.
- f. Provide all equipment, scaffolding, cranes and hoisting needed to complete scope of work.
- g. Provide safe working surroundings for own employees and other trades, ensure safe passage of persons around area of service.
- h. All work to be performed in accordance with OR/O.S.H.A. standards and requirements.
- i. If applicable, provide M.S.D.S. for all materials prior to mobilization.
- j. If applicable, conduct weekly jobsite safety meetings and provide Port of Newport with a record of Safety Meeting Minutes.
- k. Work, access, parking, and noise are confined to the limits as defined by project representative.
- l. If applicable, onsite job boxes or trailers are to be authorized by the Port of Newport and maintained by contractor.
- m. Provide complete set of post installation drawings and work reports to Port of Newport, at the end of the project. Daily cleanup and final cleanup is required.

### **4.2 WORK SPECIFICLY EXCLUDED FROM THIS RFQ:**

- a. None

#### **4.3 ATTACHMENTS:**

- a. Layout**
- b. Cathodic Protection Drawing 19866d02r06**
- c. Cathodic Protection Drawing 19866d02r08**
- d. NOAA-In Water-Record Drawings-Cathodic Protection**
- e. Site**





Average Crew Size at 40 hr work week: \_\_\_\_\_ workers

**All Inclusive Labor Rates for Extra Work (or Attach Labor Rate Schedule):**

Superintendent	\$ _____	/hour.
Foreman	\$ _____	/hour.
Diver	\$ _____	/hour.
Craftsman	\$ _____	/hour.
Helper	\$ _____	/hour.
Markup on cost of Materials	_____	%

**Provide a list of equipment rates (if applicable):**

Equipment Item	Rate	Per

**List of lower tier suppliers/subcontractors (if applicable):**

Name or description of material or work to be performed	Approximate Value

\_\_\_\_\_ **(Initial)** Receipt of Addendum Numbers \_\_\_\_\_ is hereby acknowledged.

\_\_\_\_\_ **(Initial)** I acknowledge the terms and conditions as stated in the Request for Proposal form received from Port of Newport as part of the contract documents, and hereby incorporate them into this proposal.

\_\_\_\_\_ **(Initial)** I acknowledge the terms, conditions and minimum limits and have included all costs for insurance in this proposal.

\_\_\_\_\_ **(Initial)** I acknowledge the requirements of Oregon Prevailing Wage Law ORS 279C.800 and have if applicable incorporated all costs associated into this proposal.

**Submitted By:**

\_\_\_\_\_

Name

Company

CCB#

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Telephone #

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FAX/Email

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Address

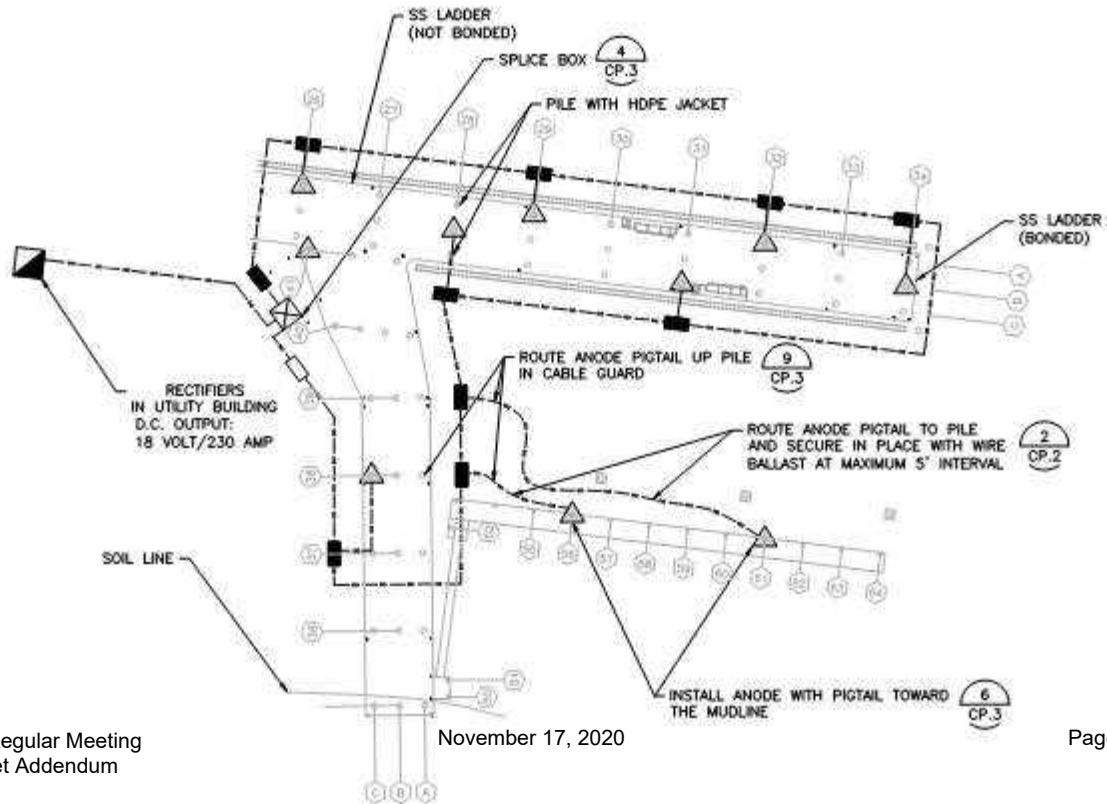
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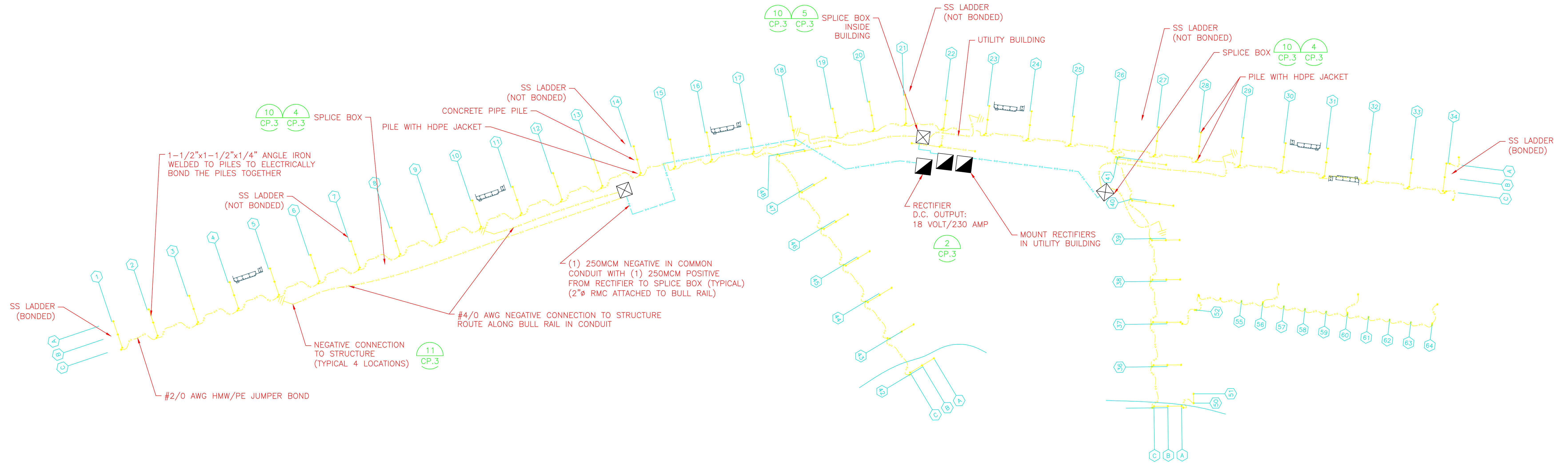
Signature

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Date

The Port of Newport reserves the right to accept or reject any or all proposals and may, at its discretion, select the contractor that is deemed to provide the best value to the Port of Newport.





OVERALL PLAN  
SCALE: NONE

NOTES:

1. FENDER PILES ARE TO REMAIN ELECTRICALLY ISOLATED FROM THE CATHODIC PROTECTION SYSTEM.
2. ALL SUPPORT PILES SHALL BE ELECTRICALLY CONTINUOUS WITH THE CATHODIC PROTECTION SYSTEM.

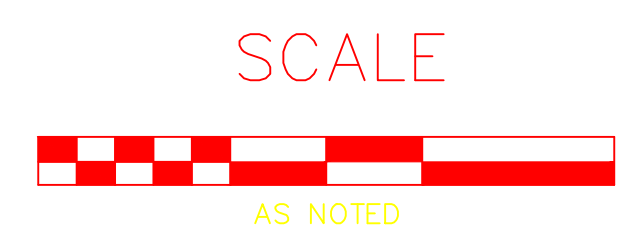
RECORD DRAWINGS

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RECORD DRAWING SET - AUGUST 19, 2011

REVISION	DATE	DESCRIPTION	BY

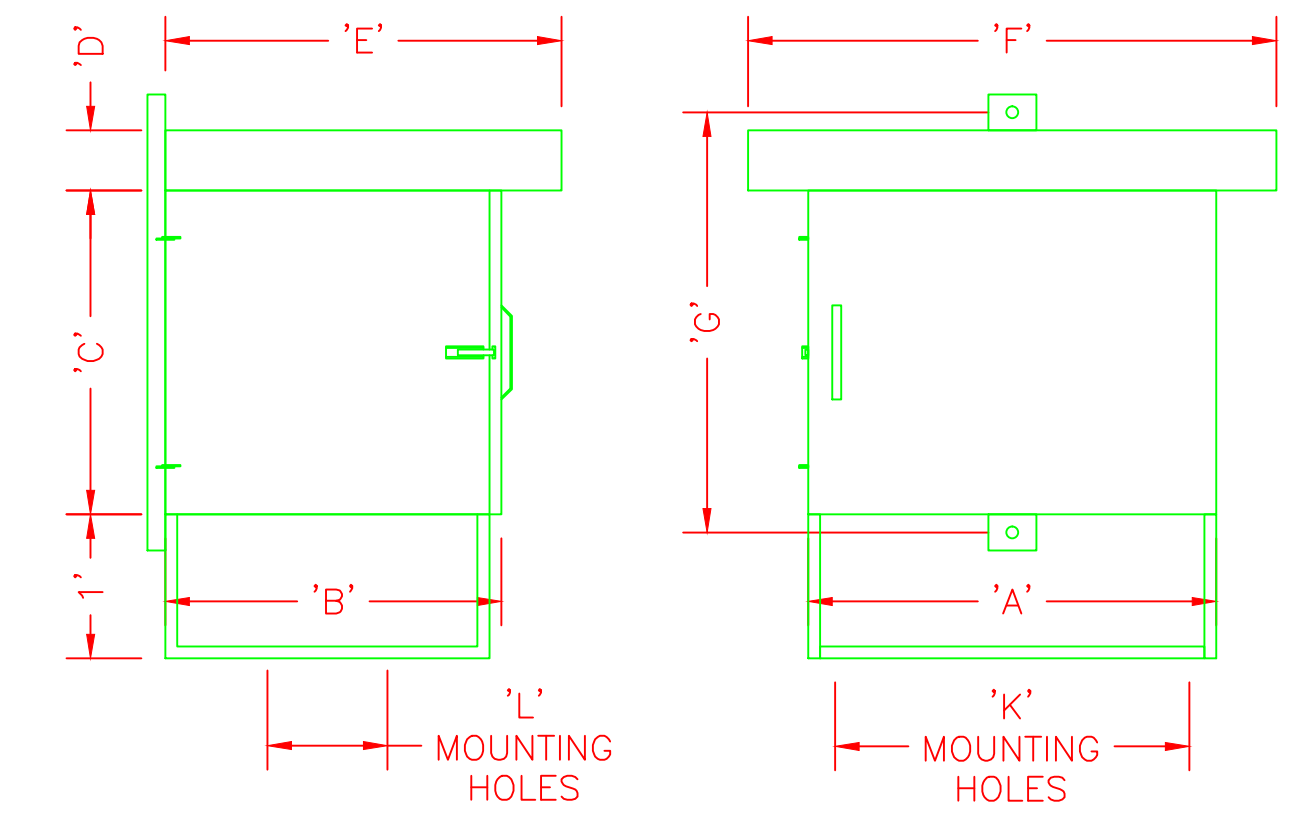
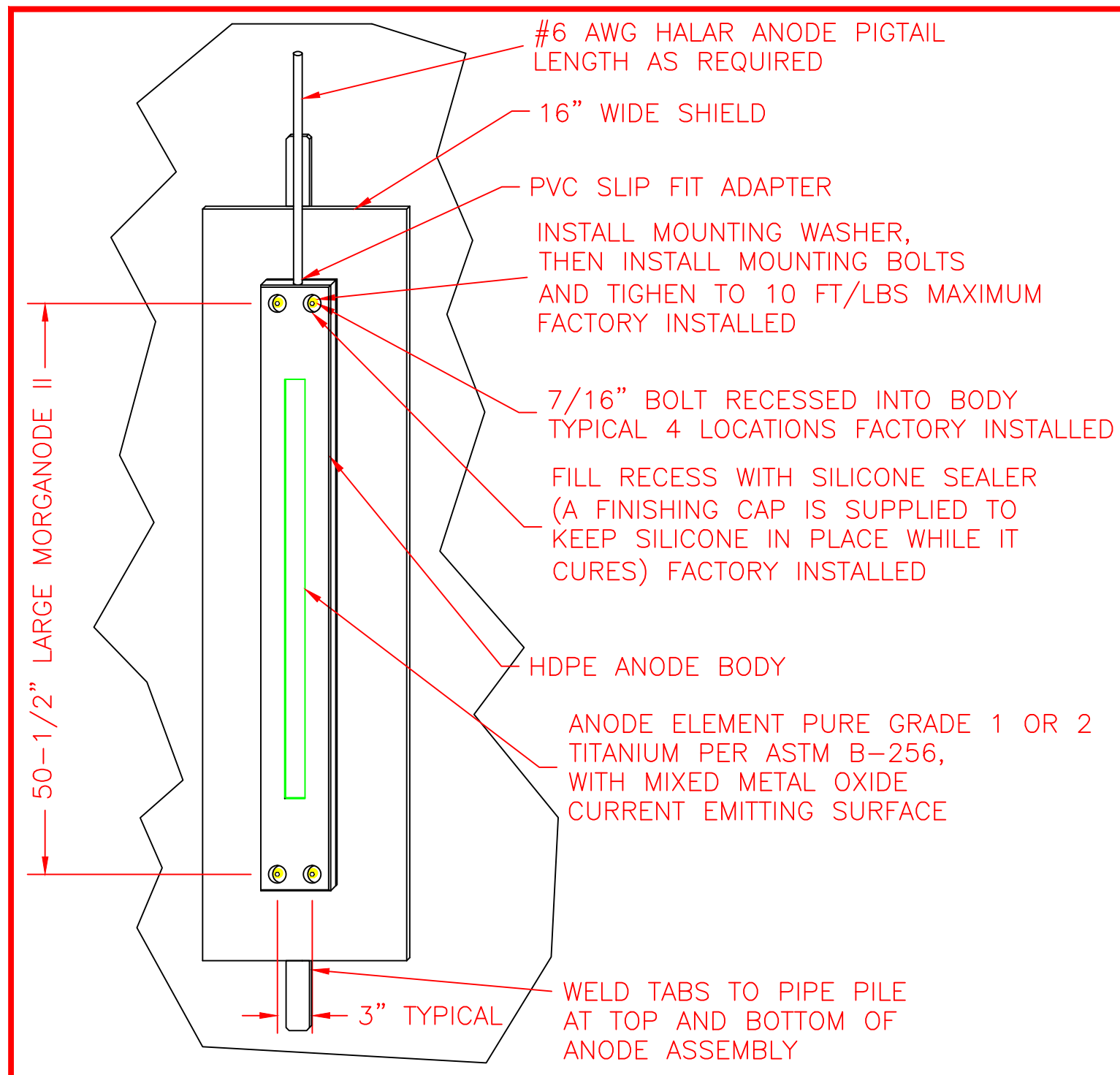


kpff 50 logo.jpg

JOB No.:	206844
DESIGNED BY:	E.S.
DRAWN BY:	R.H.
CHECKED BY:	D.D.
PLOT DATE:	[Text Object]
PLOTTED BY:	[Text Object]
DWG NAME:	[Text Object]
TAB NAME:	[Text Object]

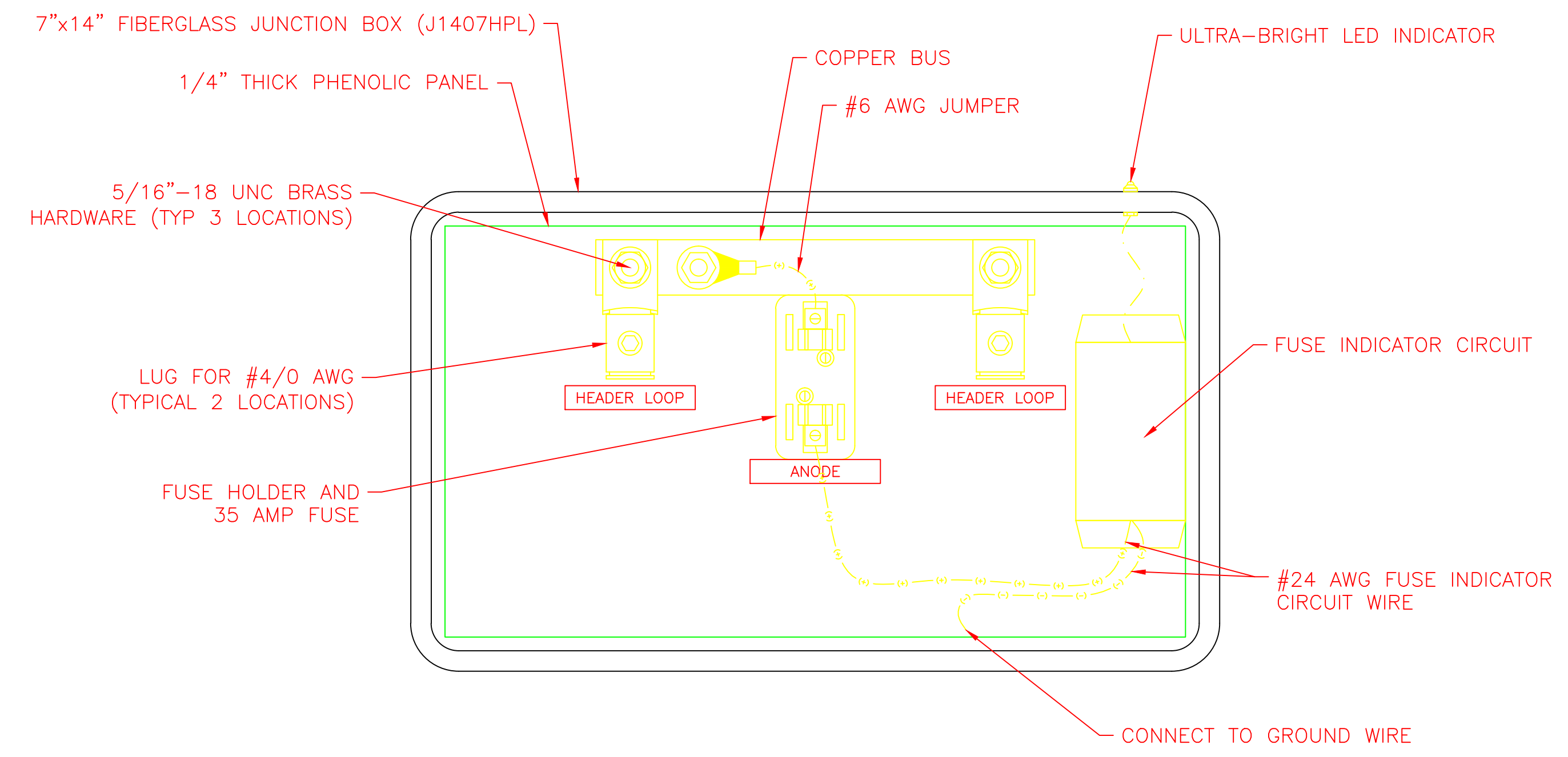
PORT OF NEWPORT  
NOAA  
MARINE OPERATION CENTER - PACIFIC  
IN WATER CONSTRUCTION  
CATHODIC PROTECTION SYSTEM - NEGATIVE BONDING

SHEET NO.  
**CP.2**  
SHEET OF XX  
RECORD NO.  
206844



CASE DIMENSIONS

SIZE	A	B	C	D	E	F	G	K	L
'C'	22"	21"	24"	3.5"	24"	28"	32"	17.5"	14"



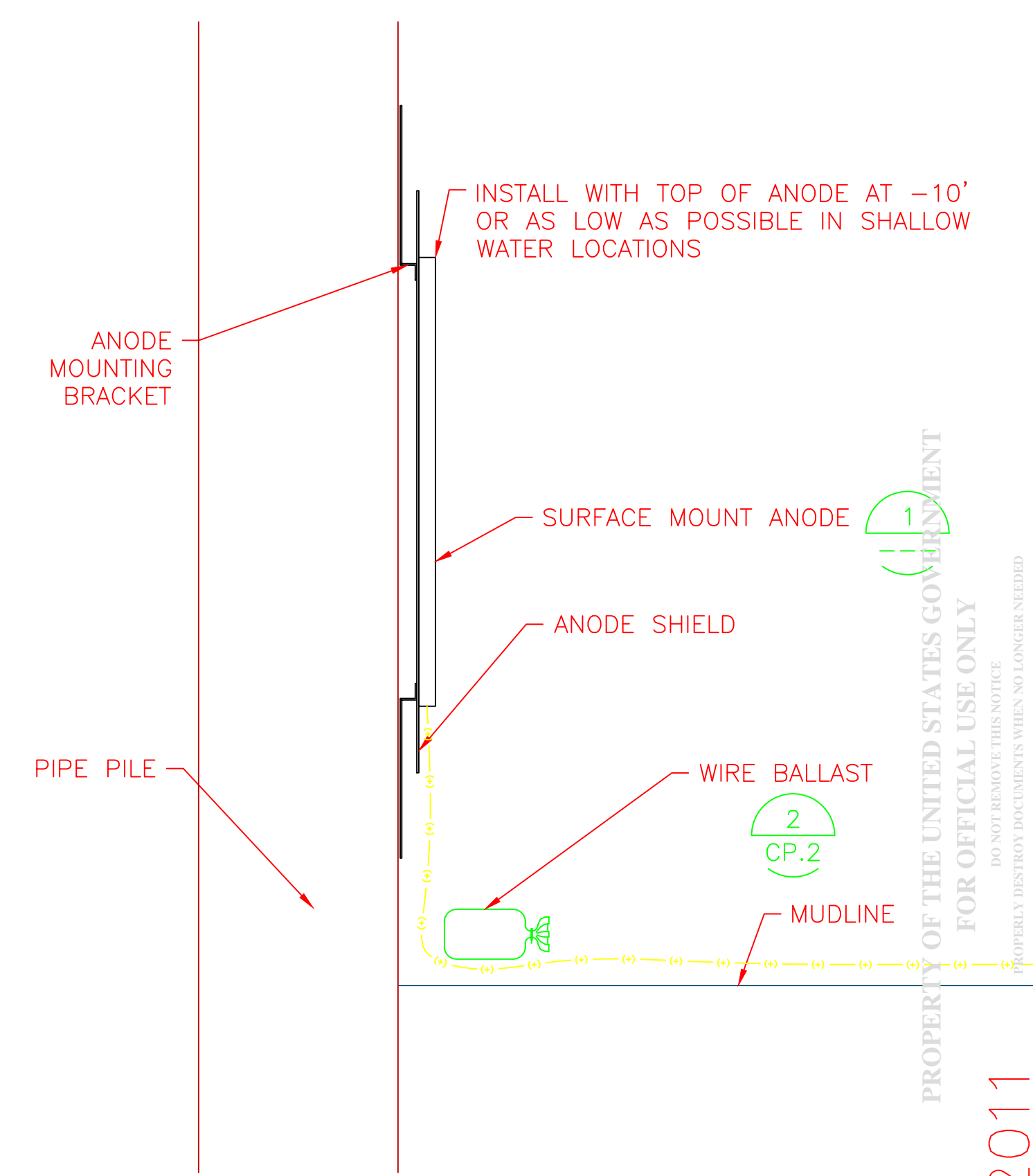
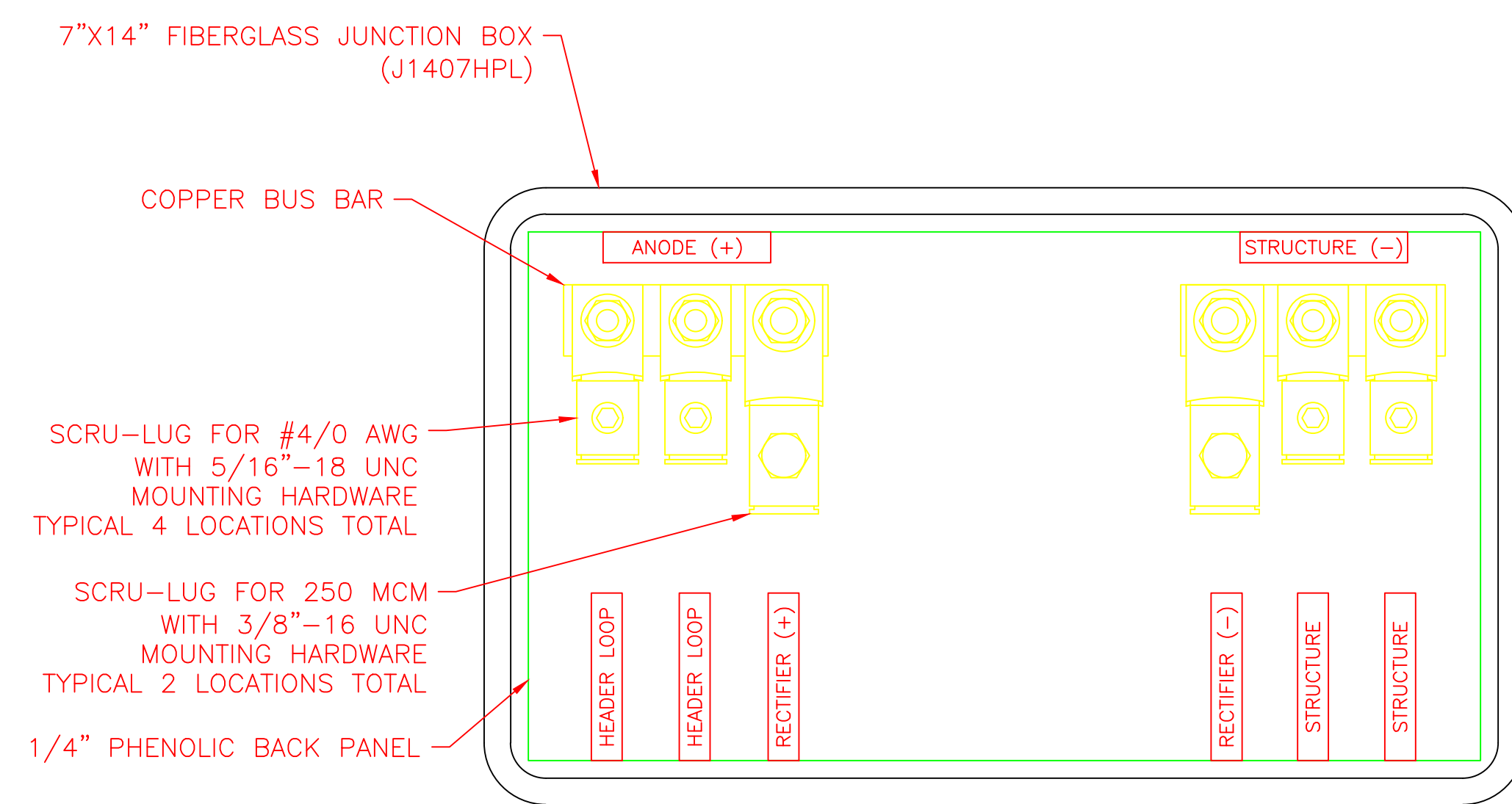
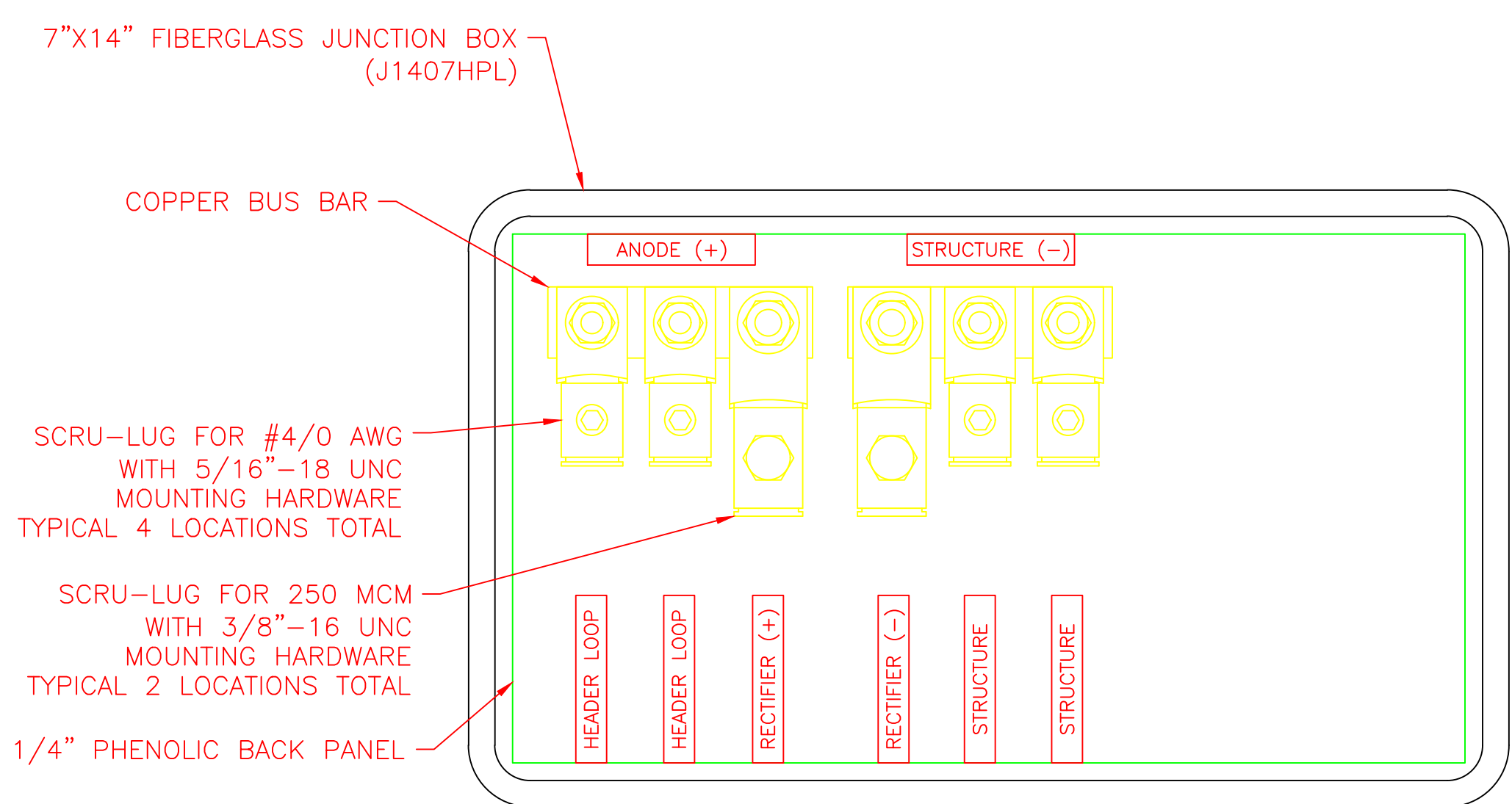
NOTE: #4/0 AWG ANODE LOOP HEADER NOT SHOWN FOR CLARITY

NCL STANDARD SIZES:  
2"x47.5" EXPOSED ELEMENT

SURFACE MOUNTED ANODE 1  
SCALE: NONE

RECTIFIER 2  
SCALE: NONE

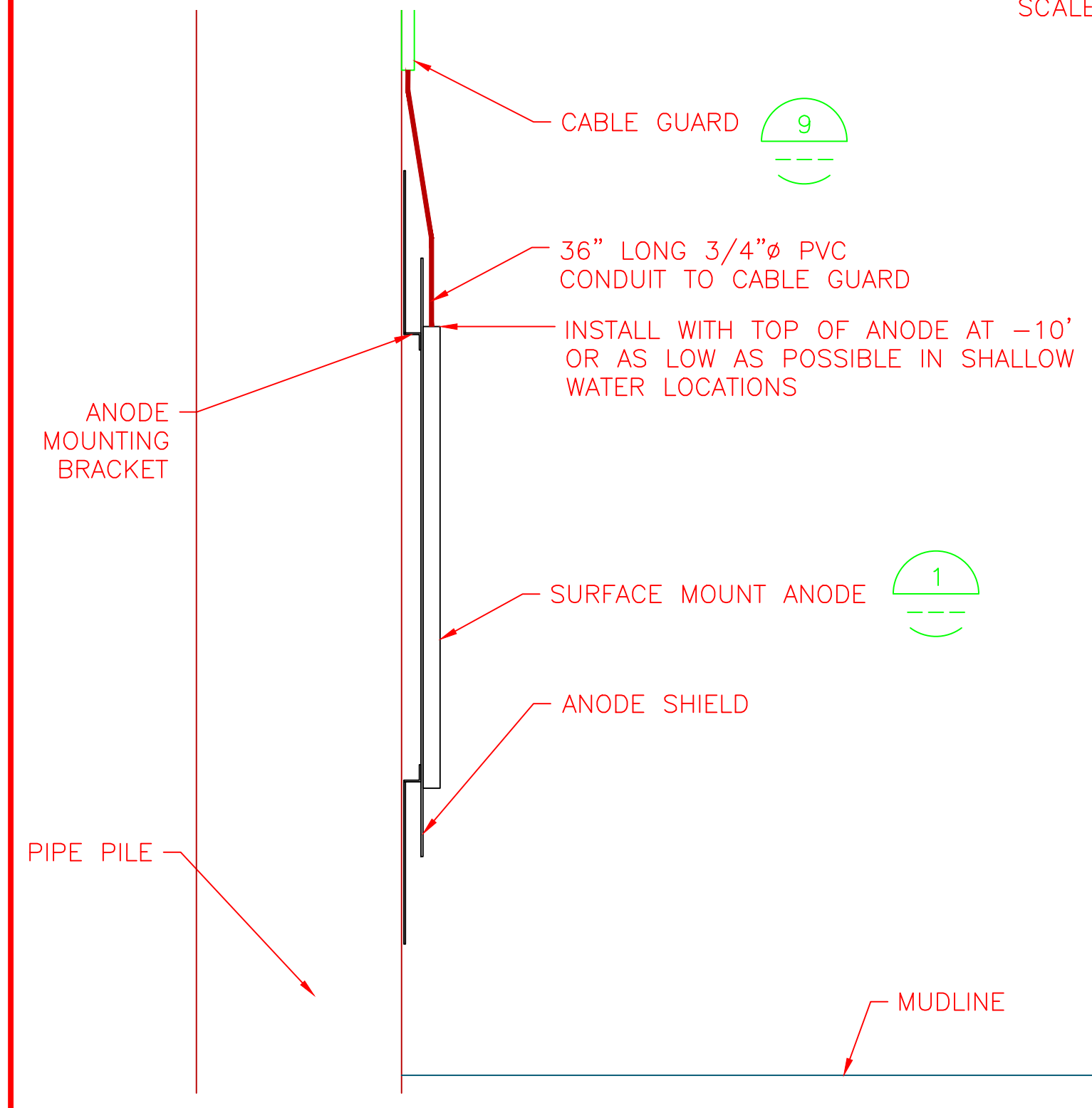
FUSE BOX 3  
SCALE: NONE



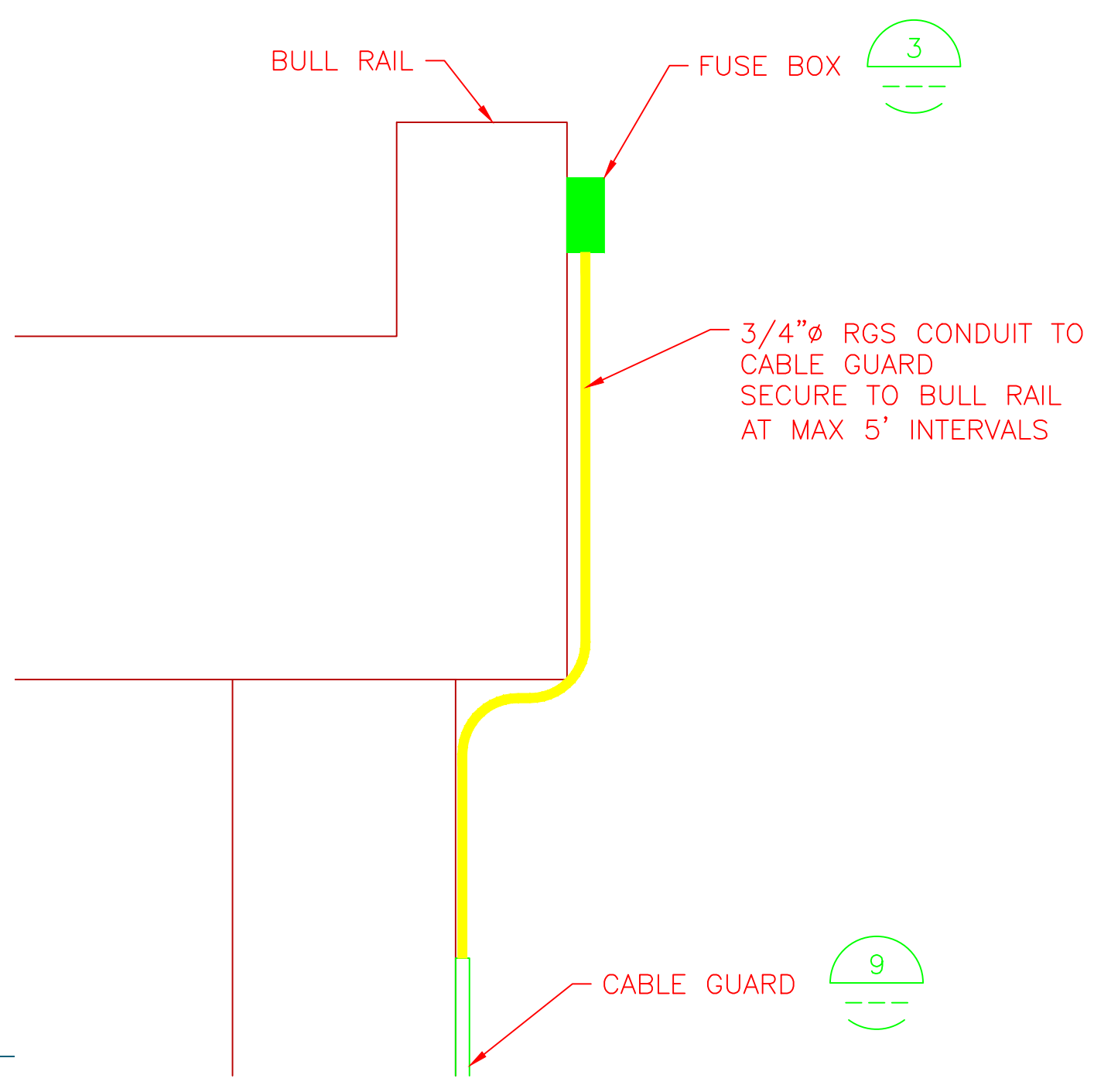
ANODE MOUNTING SCALE: NONE

SPLICE BOX TYPE 1 4  
SCALE: NONE

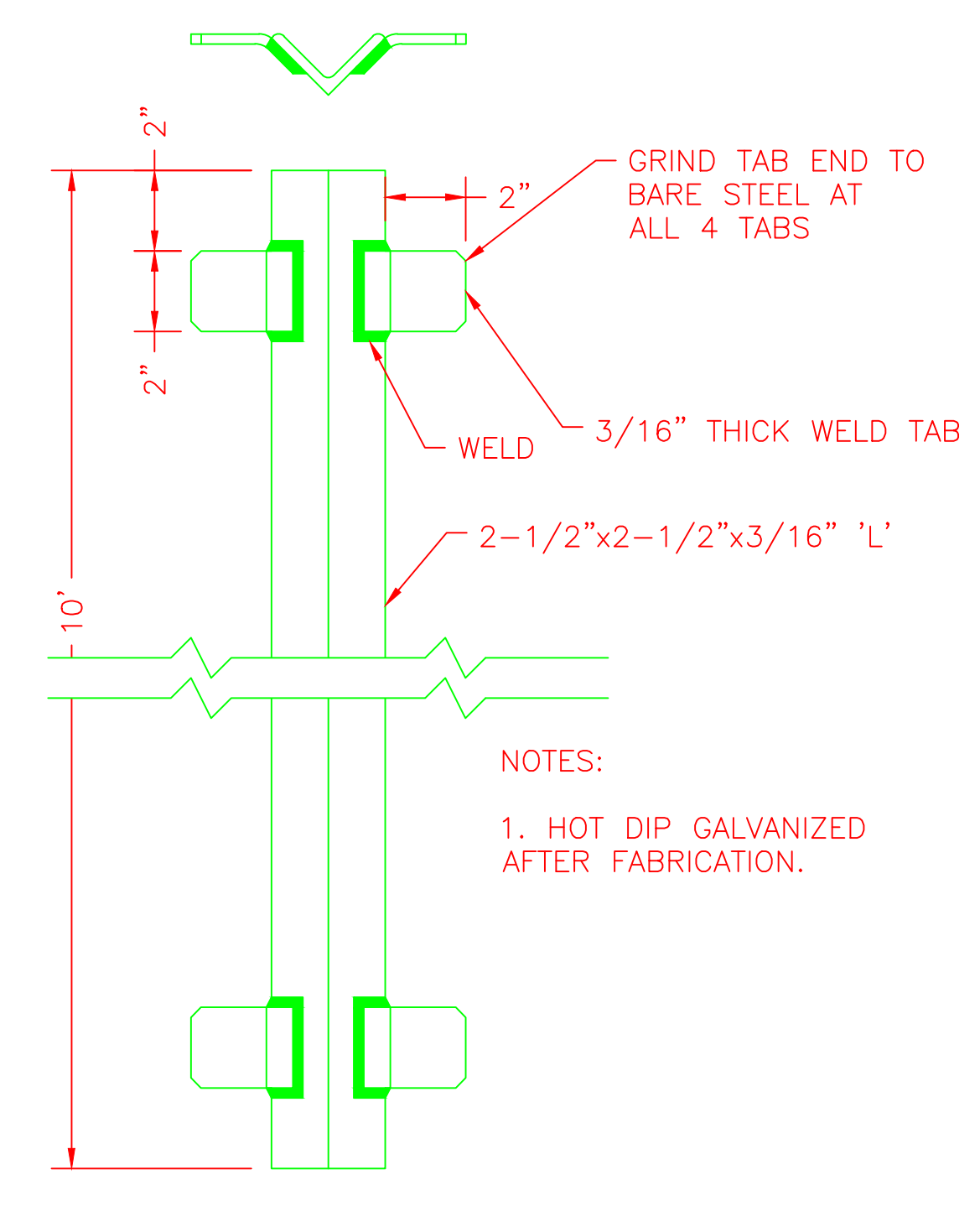
SPLICE BOX TYPE 2 5  
SCALE: NONE



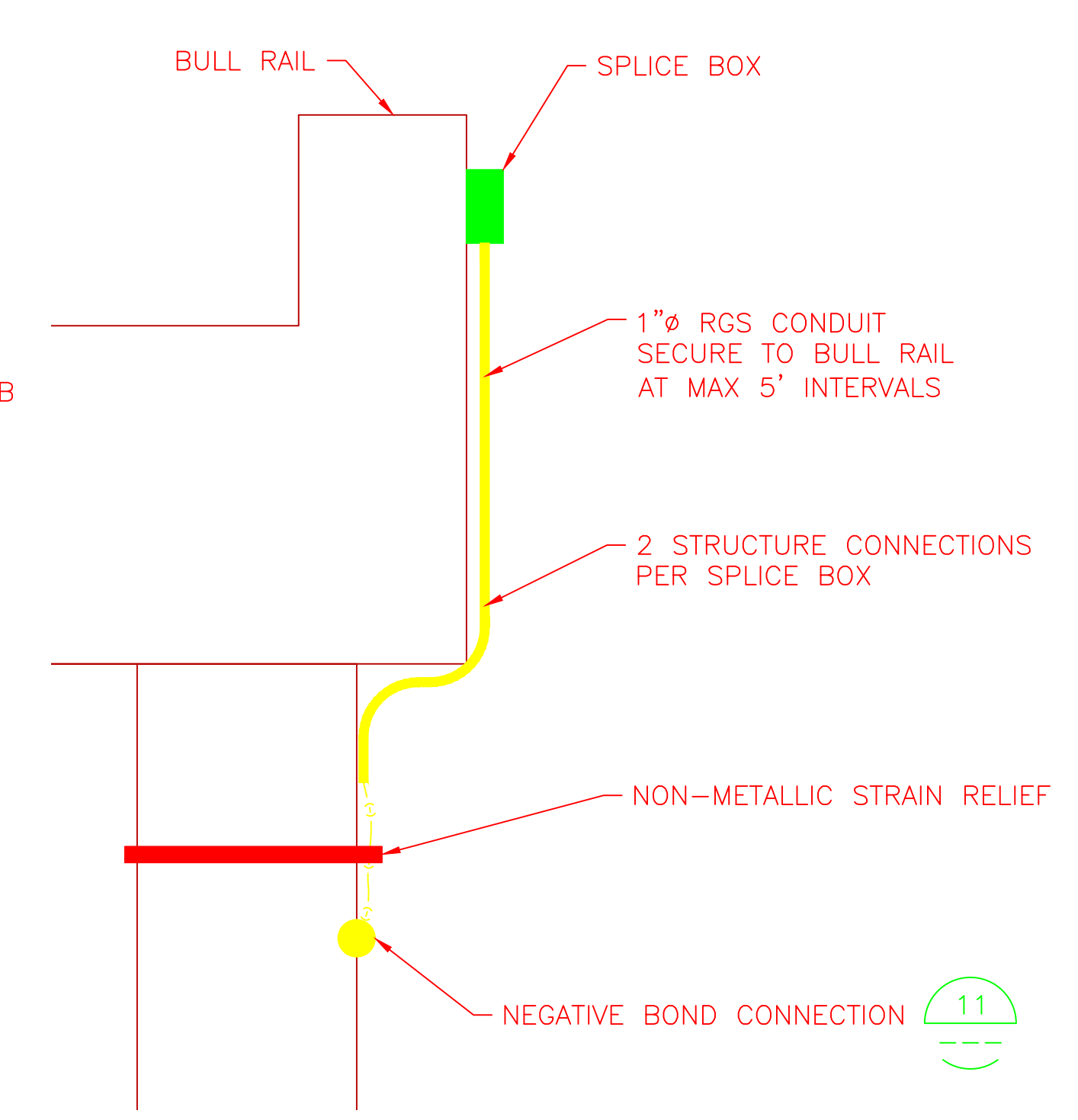
TYPICAL ANODE MOUNTING 7  
SCALE: NONE



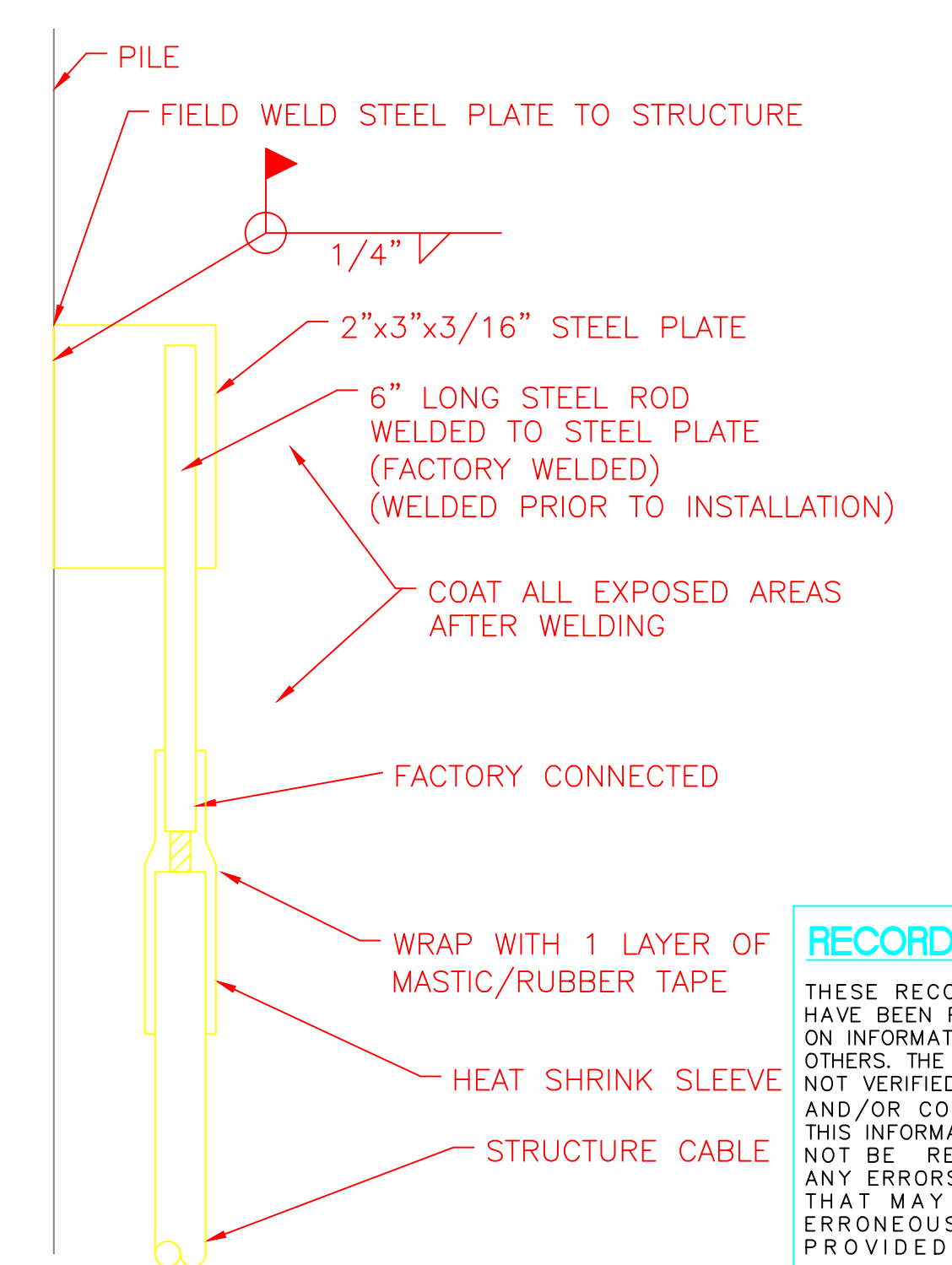
FUSE BOX MOUNTING 8  
SCALE: NONE



CABLE GUARD 9  
SCALE: NONE



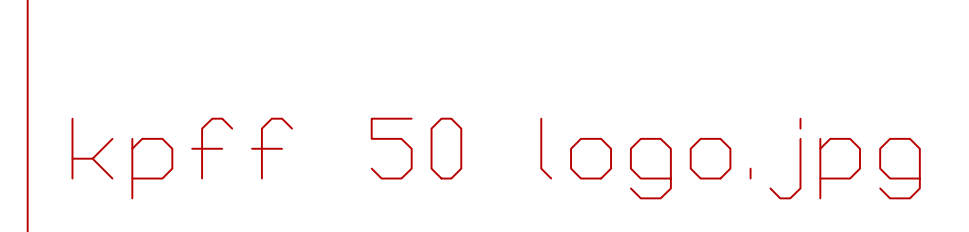
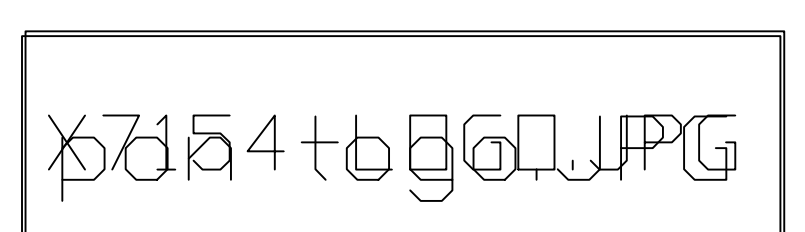
SPLICE BOX MOUNTING 10  
SCALE: NONE



NEGATIVE BOND CONNECTION 11  
SCALE: NONE

**RECORD DRAWINGS**  
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REVISION	DATE	DESCRIPTION	BY

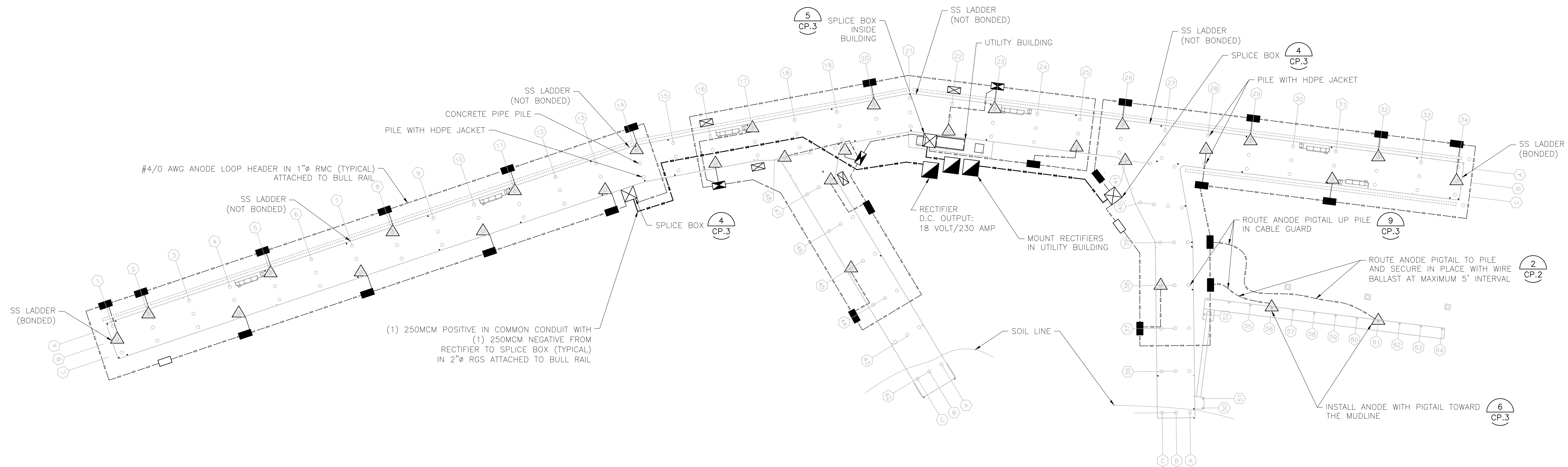
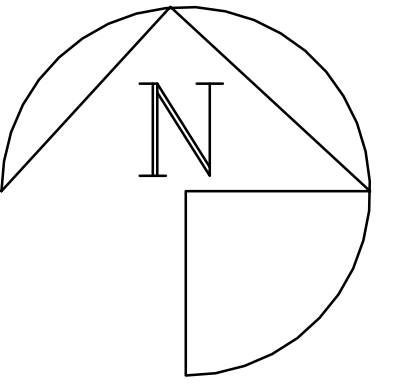


JOB No.:	206844
DESIGNED BY:	E.S.
DRAWN BY:	R.H.
CHECKED BY:	D.D.
PLOT DATE:	[RText] (RText)
PLOTTED BY:	[RText] (RText)
DWG NAME:	[RText] (RText)
TAB NAME:	[RText] (RText)

PORT OF NEWPORT  
NOAA  
MARINE OPERATION CENTER - PACIFIC  
IN WATER CONSTRUCTION  
CATHODIC PROTECTION SYSTEM - DETAILS

SHEET NO.  
**CP.3**  
SHEET OF XX  
RECORD NO.  
206844

RECORD DRAWING SET - AUGUST 19, 2011



LEGEND:

- RECTIFIER, D.C. OUTPUT: 18 VOLT/230 AMP (2) CP.3
- FUSE BOX (8) CP.3
- 2 ANODE FUSE BOX
- ANODE SPLICE BOX
- PULL BOX
- SPLICE BOX (10) CP.3
- PILE MOUNTED ANODE (7) CP.3

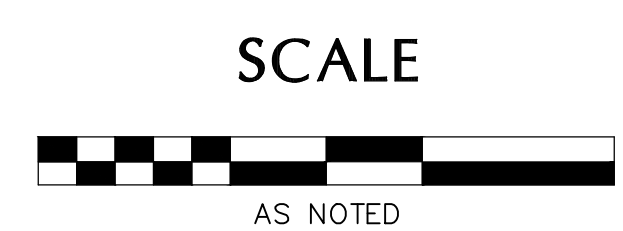
OVERALL PLAN  
SCALE: NONE

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NOAA CONTRACT NUMBER NA17OAR0001  
PROPERLY DISTROY DOCUMENTS WHEN NO LONGER NEEDED

RECORD DRAWING SET - AUGUST 19, 2011

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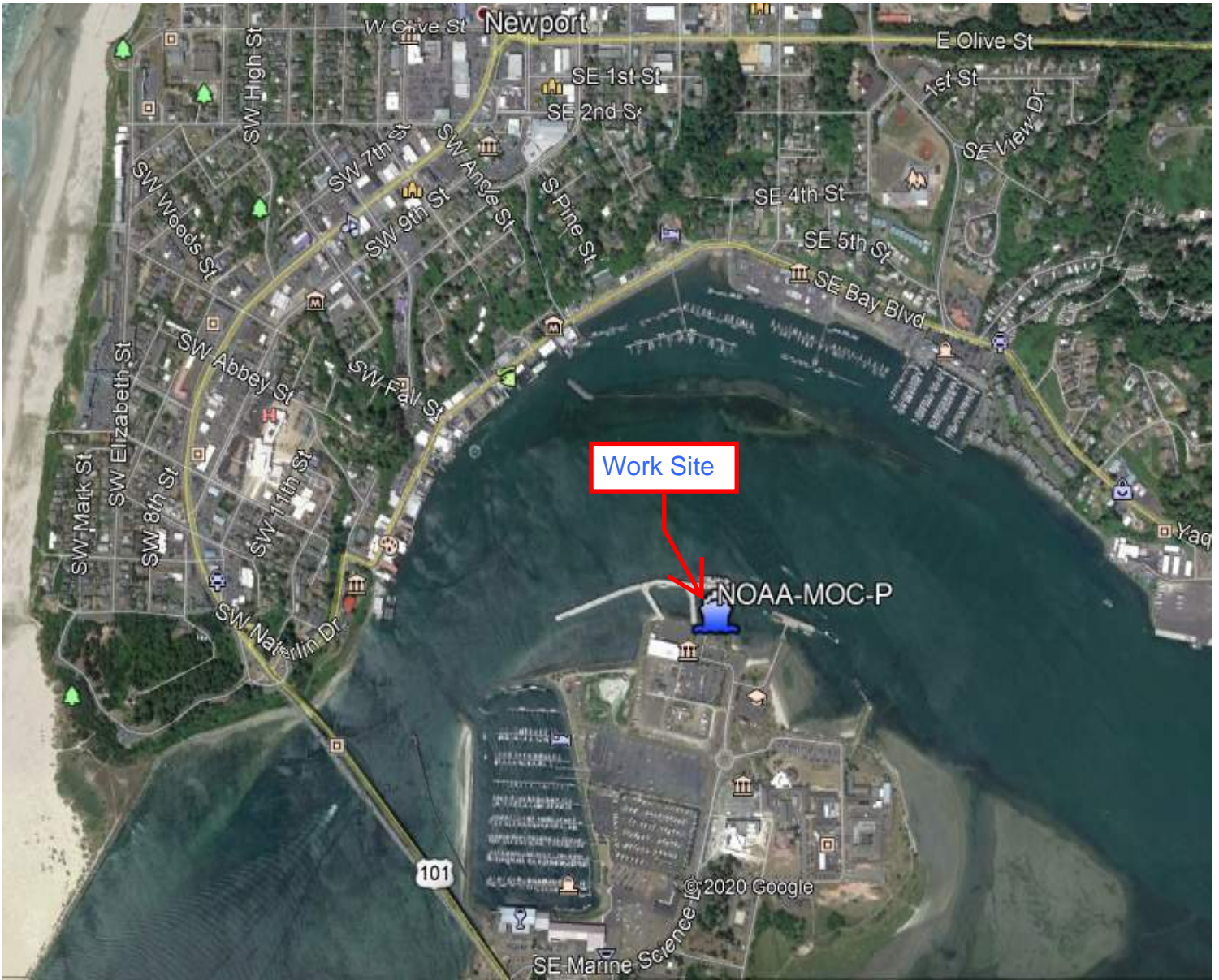


**50 YEARS**  
**kpff** Consulting Engineers  
111 SW 5th Avenue, Suite 2500  
Portland, Oregon 97204  
O: (503) 227-3251 F: (503) 227-7980

JOB No.:	206844
DESIGNED BY:	E.S.
DRAWN BY:	R.H.
CHECKED BY:	D.D.
PLOT DATE:	[Text: <Text>]
PLOTTED BY:	[Text: <Text>]
DWG NAME:	[Text: <Text>]
TAB NAME:	[Text: <Text>]

PORT OF NEWPORT  
**NOAA**  
**MARINE OPERATION CENTER - PACIFIC**  
**IN WATER CONSTRUCTION**  
**CATHODIC PROTECTION SYSTEM - LAYOUT**

SHEET NO.  
**CP.1**  
SHEET OF XX  
RECORD NO.  
206844  
Page 15 of 33





**IMPORTANT:**

This Document must be filled out and returned to Port of Newport as your quote for this project

**PROJECT:** NOAA East Zone Cathodic Protection Anode Replacement 2020/21  
Advanced American Construction, Inc.

**BIDDER:**

**Pricing Breakdown if Applicable:**

Mobilization/Demobilization	\$	<u>7,000</u>
Dive Crew/Installation	\$	<u>48,000</u>
System Startup/Calibration	\$	<u>28,000</u>
<b>TOTAL BASE PRICE</b>	\$	<u>83,000</u>

**Alternates (if applicable):**

\$ N/A

\* Price includes all materials FOB job location.

\*\* Price includes all licensing, bonding, insurances, permits and taxes.

\*\*\* Price is held for minimum 90 days.

\*\*\*\* Please list on separate sheet, any additional alternates or value engineering pricing.

Proposal is in compliance with the entire project Drawings, Specifications and/or Work Scope? Yes  No

**Clarifications:**

Anodes require 3 weeks minimum for delivery. NTP must be received by 12/27/20 and approved submittals by 1/3/21 for anode procurement and minimum manufacturers recommended 30 day post installation testing.

AAC requires clear access to the dock where anodes are to be replaced.

Assumed 1 mobilization for anode installation and 1 mobilization for testing.

Subject to a mutually agreeable contract.

Payment terms are net 30.

(Attach separate sheet if necessary)

**Estimated Schedule:**

Preparation of Shop Drawings/submittals	<u>5</u>	work days
Mobilization, demobilization	<u>5</u>	work days
Work performance In-Water	<u>5</u>	work days

Average Crew Size at 40 hr work week: 4 workers

**All Inclusive Labor Rates for Extra Work (or Attach Labor Rate Schedule):**

Superintendent	\$ 133	/hour.
Foreman	\$ 117	/hour.
Diver	\$ 189	/hour.
Craftsman	\$ 102	/hour.
Helper	\$ 114	/hour.
Markup on cost of Materials	15	%

**Provide a list of equipment rates (if applicable):**

Equipment Item	Rate	Per
Dive Boat	\$ 1,250	Day
Work Skiff	\$ 175	Day
Crew Truck	\$ 250	Day
Welding Machine	\$ 250	Day

**List of lower tier suppliers/subcontractors (if applicable):**

Name or description of material or work to be performed	Approximate Value
Norton Corrosion - Anode Supply and Calibration Support	\$27,000

DB (Initial) Receipt of Addendum Numbers 0 is hereby acknowledged.

DB (Initial) I acknowledge the terms and conditions as stated in the Request for Proposal form received from Port of Newport as part of the contract documents, and hereby incorporate them into this proposal.

DB (Initial) I acknowledge the terms, conditions and minimum limits and have included all costs for insurance in this proposal.

DB (Initial) I acknowledge the requirements of Oregon Prevailing Wage Law ORS 279C.800 and have if applicable incorporated all costs associated into this proposal.

**Submitted By:**

Dee Burch



Advanced American Construction, Inc.

Name

503-445-9000

Company

deeb@callaac.com

CCB# 167886

Telephone #

FAX/Email

8444 NW St Helens Road, Portland, OR 97231

Address

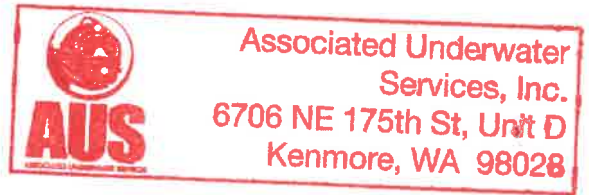
*Dee Bui*

*11/16/12*

Signature

Date

The Port of Newport reserves the right to accept or reject any or all proposals and may, at its discretion, select the contractor that is deemed to provide the best value to the Port of Newport.



**IMPORTANT:**

This Document must be filled out and returned to Port of Newport as your quote for this project

PROJECT: NOAA East Zone CP Anode Replacement

BIDDER:

Associated Underwater Services, Inc.

**Pricing Breakdown if Applicable:**

Mobilization/Demobilization

\$ 2,410<sup>00</sup>

Dive Crew/Installation

\$ 19,650<sup>00</sup>

System Startup/Calibration

\$ 30,450<sup>00</sup>

**TOTAL BASE PRICE**

\$ 52,510<sup>00</sup>

**Alternates (if applicable):**

\$ 0

- \* Price includes all materials FOB job location.
- \*\* Price includes all licensing, bonding, insurances, permits and taxes.
- \*\*\* Price is held for minimum 90 days.
- \*\*\*\* Please list on separate sheet, any additional alternates or value engineering pricing.

Proposal is in compliance with the entire project Drawings, Specifications and/or Work Scope? Yes  No

**Clarifications:**

None

(Attach separate sheet if necessary)

**Estimated Schedule:**

- Preparation of Shop Drawings/submittals
- Mobilization, demobilization
- Work performance In-Water

5 work days  
2 work days  
3 work days

Average Crew Size at 40 hr work week: \_\_\_\_\_ workers

**All Inclusive Labor Rates for Extra Work (or Attach Labor Rate Schedule):**

Superintendent	\$	125 <sup>00</sup>	/hour.
Foreman	\$	125 <sup>00</sup>	/hour.
Diver	\$	185 <sup>00</sup>	/hour.
Craftsman / Tender	\$	110 <sup>00</sup>	/hour.
Helper / SD Diver	\$	120 <sup>00</sup>	/hour.
Markup on cost of Materials		10%	%

**Provide a list of equipment rates (if applicable):**

Equipment Item	Rate	Per
Crew Vehicle	\$ 120 <sup>00</sup>	day
SSDS - Surface Supplied Diving System	\$ 175 <sup>00</sup>	↓
Underwater Video	\$ 45 <sup>00</sup>	
Underwater Welding equipment	\$ 75 <sup>00</sup>	
Dive Vessel	\$ 350 <sup>00</sup>	
CP Probe	\$ 50 <sup>00</sup>	
Misc Tools	\$ 45 <sup>00</sup>	

**List of lower tier suppliers/subcontractors (if applicable):**

Name or description of material or work to be performed	Approximate Value
Winton Collision Limited (Anode supplier, install support)	27,200 <sup>00</sup>

(D) (Initial) Receipt of Addendum Numbers Ø is hereby acknowledged.

(D) (Initial) I acknowledge the terms and conditions as stated in the Request for Proposal form received from Port of Newport as part of the contract documents, and hereby incorporate them into this proposal.

(D) (Initial) I acknowledge the terms, conditions and minimum limits and have included all costs for insurance in this proposal.

(D) (Initial) I acknowledge the requirements of Oregon Prevailing Wage Law ORS 279C.800 and have if applicable incorporated all costs associated into this proposal.

**Submitted By:**

Michael J. Eakin  
Michael J. Eakin.

# 153857

Name

Company

CCB#

206-948-3942

Associated Underwater Services, Inc.

Telephone #

FAX/Email

6706 NE 175th St #D, Kenmore, WA 98028

Address



Date

12/16/2020

The Port of Newport reserves the right to accept or reject any or all proposals and may, at its discretion, select the contractor that is deemed to provide the best value to the Port of Newport.

**IMPORTANT:**

This Document must be filled out and returned to Port of Newport as your quote for this project

**PROJECT:** NOAA East Zone Cathodic Protection Anode Replacement 2020/21  
Ballard Marine Construction, LLC

**BIDDER:**

**Pricing Breakdown if Applicable:**

Mobilization/Demobilization	\$ <u>23,746.00</u>
Dive Crew/Installation	\$ <u>16,584.00</u>
System Startup/Calibration	\$ <u>19,035.00</u>
<b>TOTAL BASE PRICE</b>	\$ <u>59,365.00</u>

**Alternates (if applicable):**

\$ N/A

\* Price includes all materials FOB job location.

\*\* Price includes all licensing, bonding, insurances, permits and taxes.

\*\*\* Price is held for minimum 90 days.

\*\*\*\* Please list on separate sheet, any additional alternates or value engineering pricing.

Proposal is in compliance with the entire project Drawings, Specifications and/or Work Scope? Yes  No

**Clarifications:**

– Proposal subject to negotiation of a contract with mutually agreeable terms and conditions upon award

– Pricing assumes existing wire guards to remain

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–  
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–  
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–  
–  
–  
(Attach separate sheet if necessary)

**Estimated Schedule:**

Preparation of Shop Drawings/submittals	<u>5</u>	work days
Mobilization, demobilization	<u>2</u>	work days
Work performance In-Water	<u>3</u>	work days

Average Crew Size at 40 hr work week: 3 workers

**All Inclusive Labor Rates for Extra Work (or Attach Labor Rate Schedule):**

Superintendent	\$ 89.86	/hour.
Foreman	\$ 75.68	/hour.
Diver	\$ 131.09	/hour.
Craftsman	\$ 76.72	/hour.
Helper	\$ 71.44	/hour.
Markup on cost of Materials	15	%

**Provide a list of equipment rates (if applicable):**

Equipment Item	Rate	Per
Crew Vessel	\$230.00	DAY
Surface Supplied Dive Spread	\$250.00	DAY
Underwater Video System	\$85.00	DAY
Truck	\$175.00	DAY
Underwater Cutting/Welding System	\$65.00	DAY
Welder/Generator	\$40.00	DAY
Air Compressor	\$25.00	DAY

**List of lower tier suppliers/subcontractors (if applicable):**

Name or description of material or work to be performed	Approximate Value
Anodes + Delivery (Norton Corrosion)	\$16,867.45
Subcontractor: Tie-in, Energize, Calibrate (Norton Corrosion)	\$14,395.70

JH      (*Initial*) Receipt of Addendum Numbers     0     is hereby acknowledged.

JH      (*Initial*) I acknowledge the terms and conditions as stated in the Request for Proposal form received from Port of Newport as part of the contract documents, and hereby incorporate them into this proposal.

JH      (*Initial*) I acknowledge the terms, conditions and minimum limits and have included all costs for insurance in this proposal.

JH      (*Initial*) I acknowledge the requirements of Oregon Prevailing Wage Law ORS 279C.800 and have if applicable incorporated all costs associated into this proposal.

**Submitted By:**



Name Jon Hardt

Company Ballard Marine Construction LLC CCB# 217226

360.518.6550

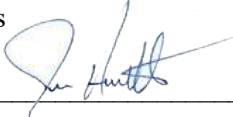
jon.hardt@ballardmc.com

Telephone #

FAX/Email

727 S 27th Street, Wasougal, WA 98671

Address



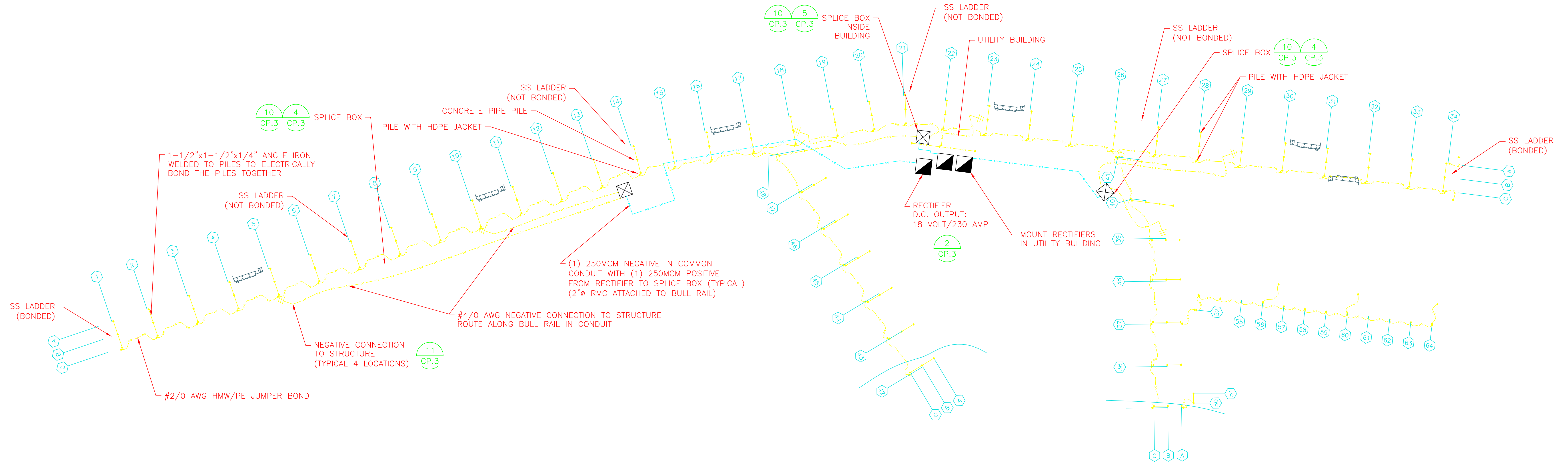
11/16/20

Signature

Date

The Port of Newport reserves the right to accept or reject any or all proposals and may, at its discretion, select the contractor that is deemed to provide the best value to the Port of Newport.





OVERALL PLAN  
SCALE: NONE

NOTES:

1. FENDER PILES ARE TO REMAIN ELECTRICALLY ISOLATED FROM THE CATHODIC PROTECTION SYSTEM.
2. ALL SUPPORT PILES SHALL BE ELECTRICALLY CONTINUOUS WITH THE CATHODIC PROTECTION SYSTEM.

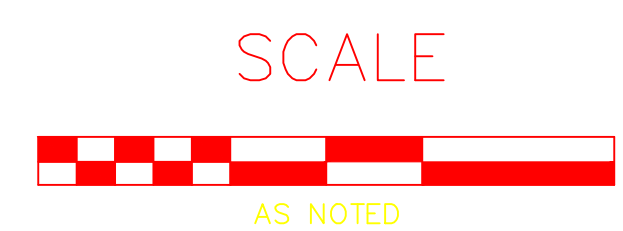
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RECORD DRAWING SET - AUGUST 19, 2011

REVISION	DATE	DESCRIPTION	BY

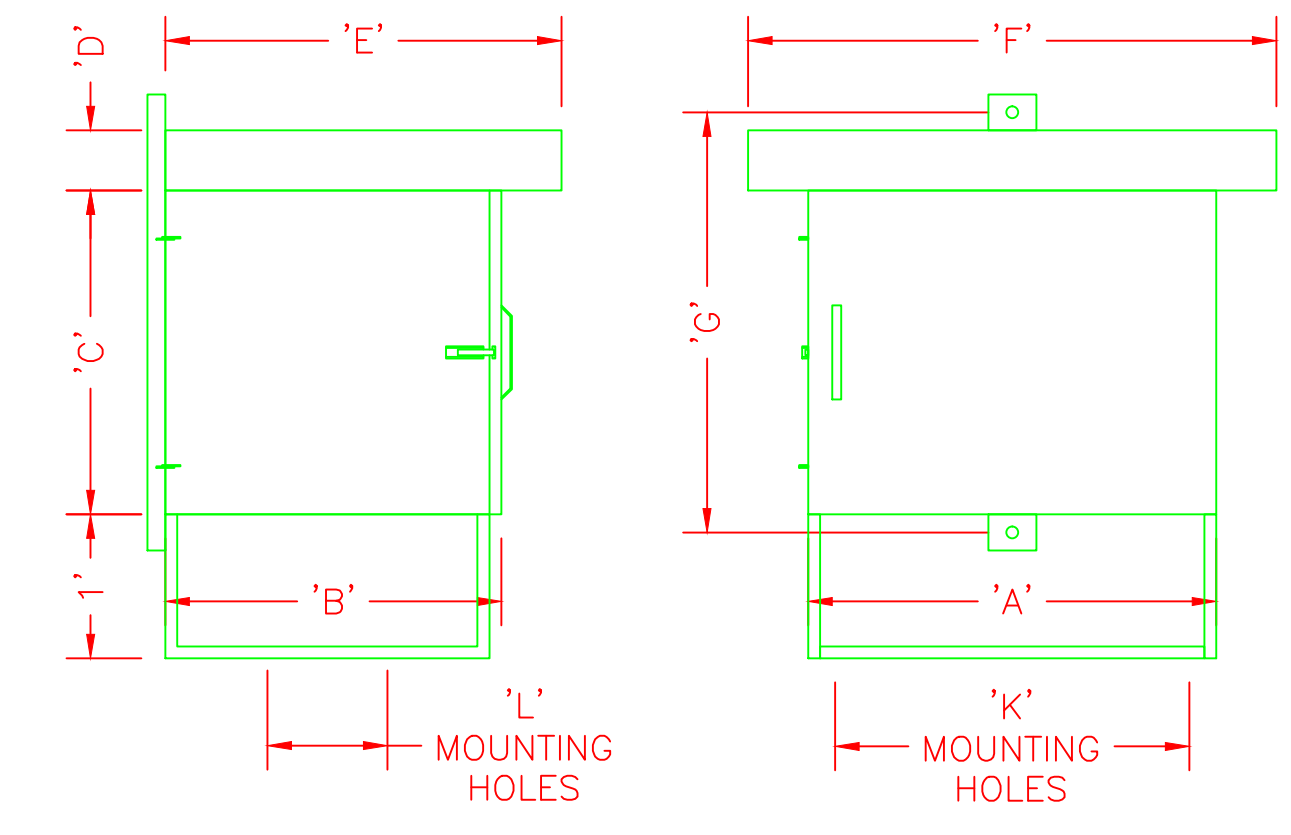
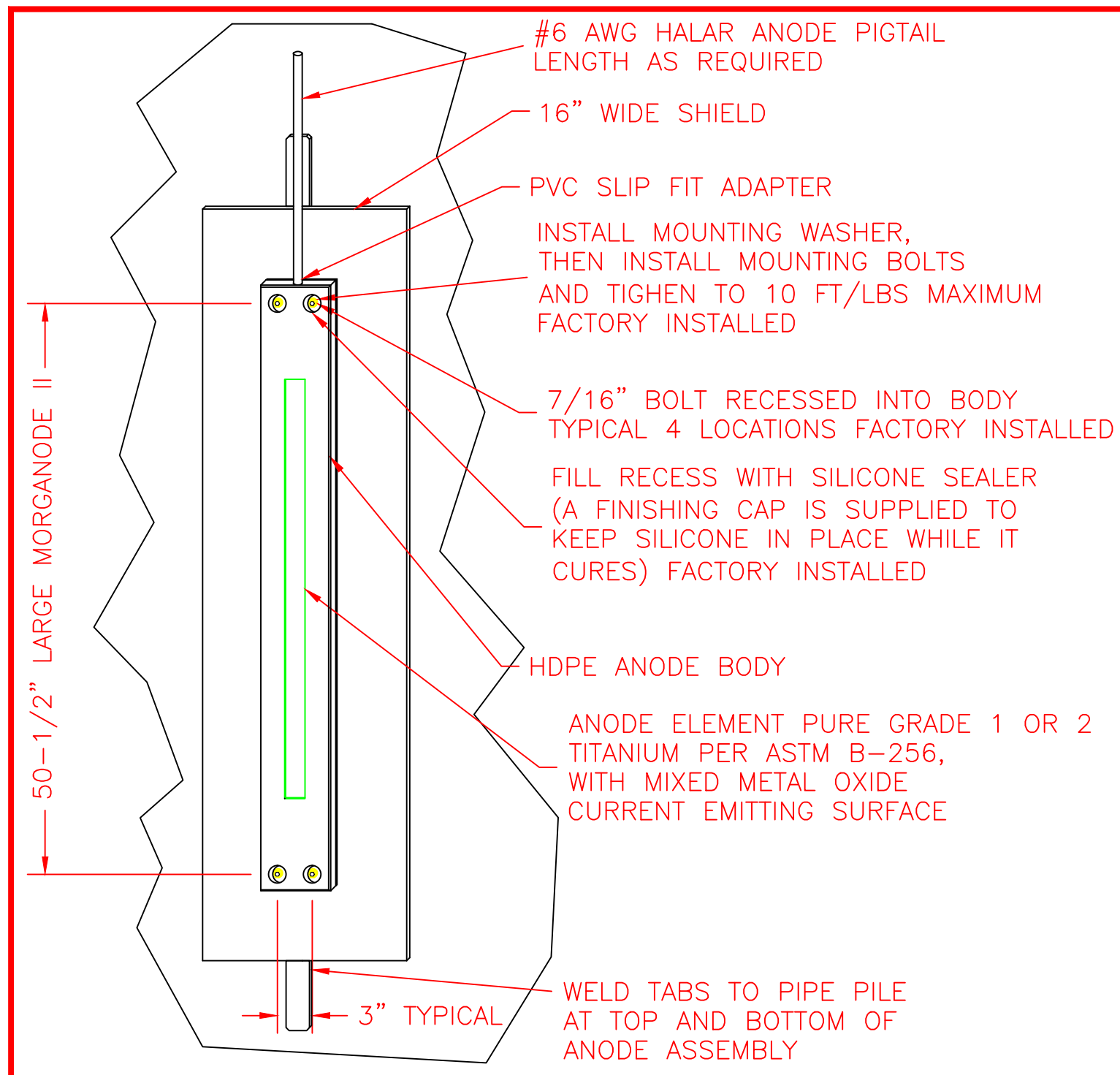


kpff 50 logo.jpg

JOB No.:	206844
DESIGNED BY:	E.S.
DRAWN BY:	R.H.
CHECKED BY:	D.D.
PLOT DATE:	[Text Object]
PLOTTED BY:	[Text Object]
DWG NAME:	[Text Object]
TAB NAME:	[Text Object]

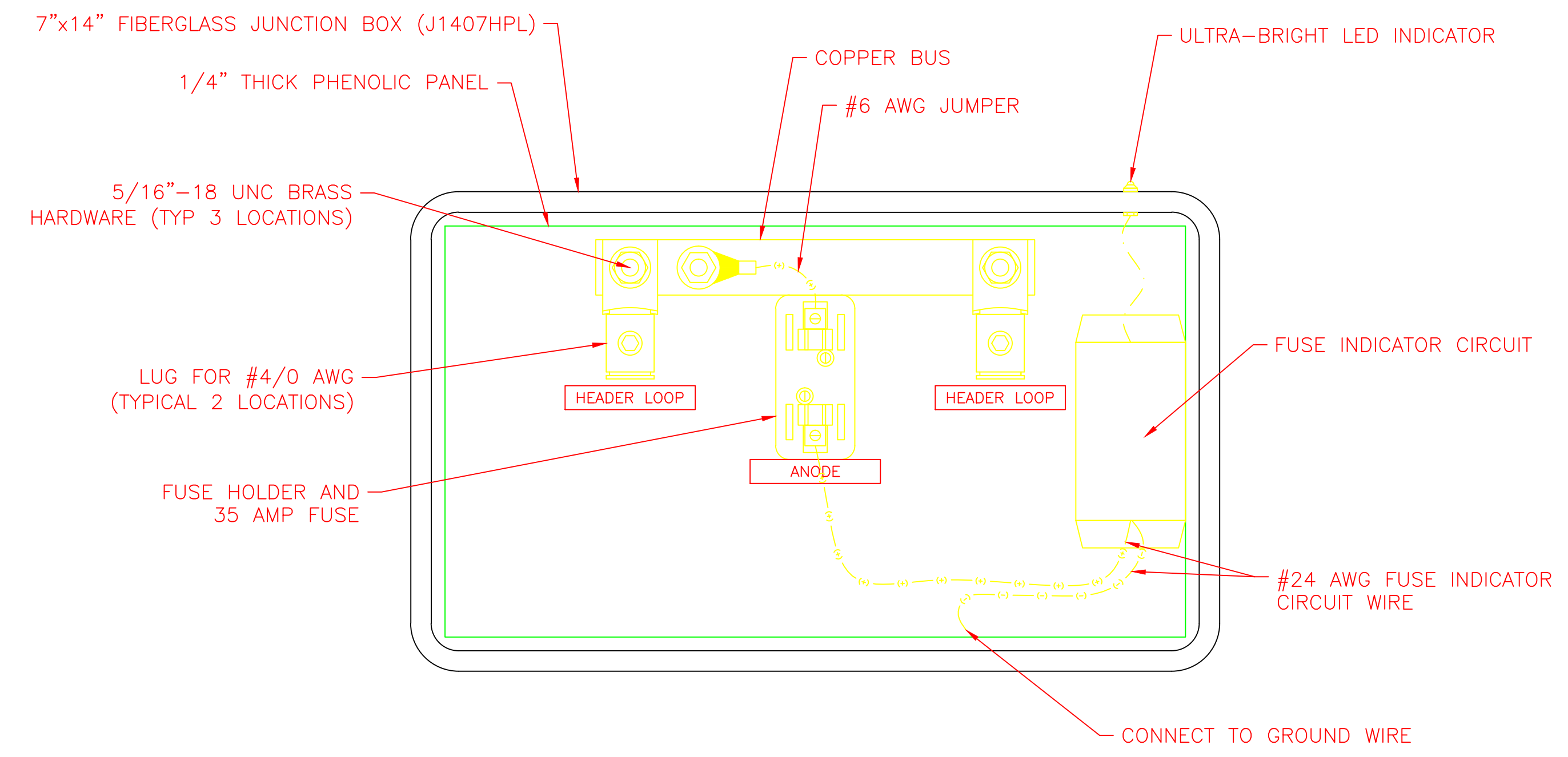
PORT OF NEWPORT  
NOAA  
MARINE OPERATION CENTER - PACIFIC  
IN WATER CONSTRUCTION  
CATHODIC PROTECTION SYSTEM - NEGATIVE BONDING

SHEET NO.  
**CP.2**  
SHEET OF XX  
RECORD NO.  
206844



CASE DIMENSIONS

SIZE	A	B	C	D	E	F	G	K	L
'C'	22"	21"	24"	3.5"	24"	28"	32"	17.5"	14"



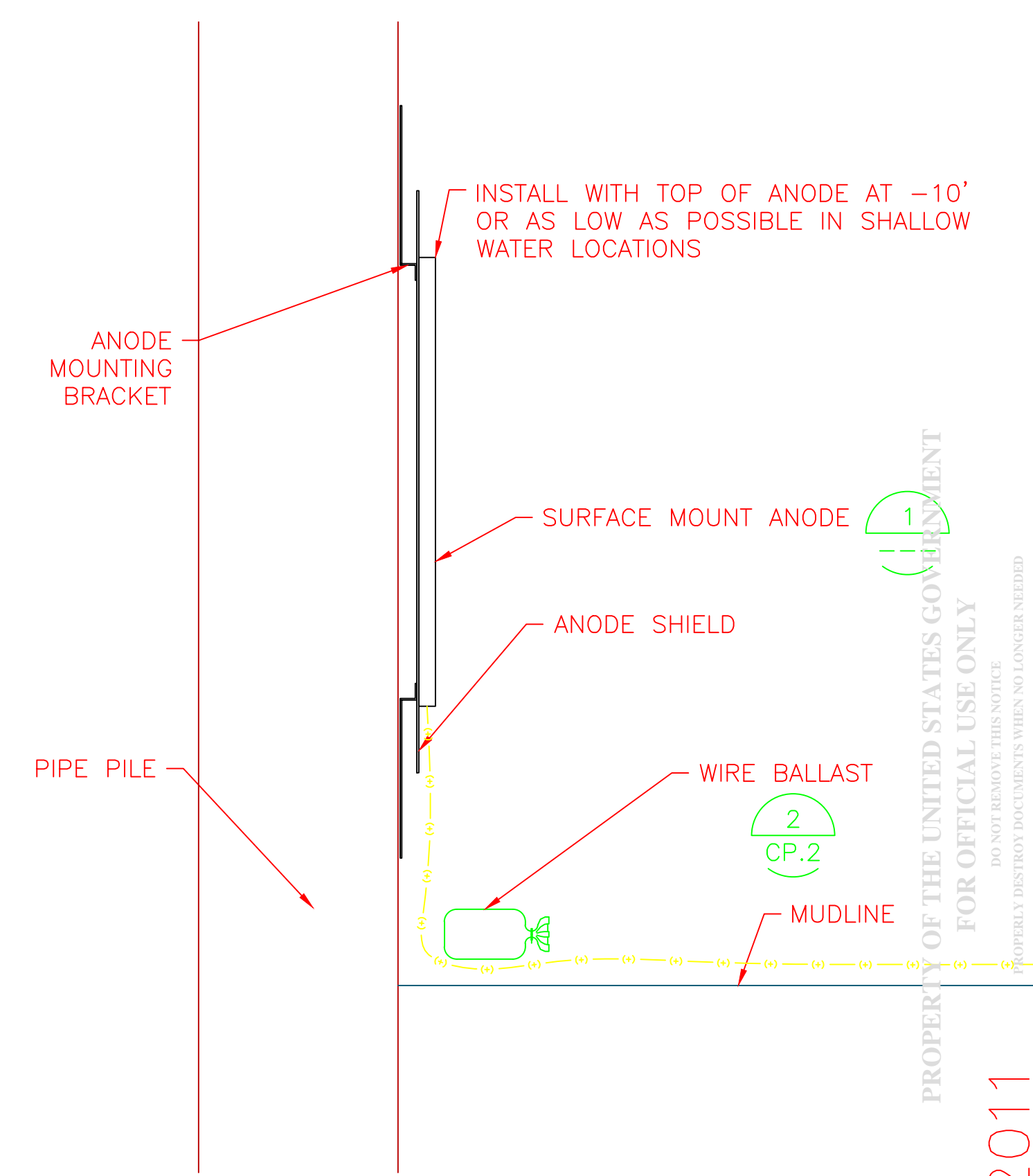
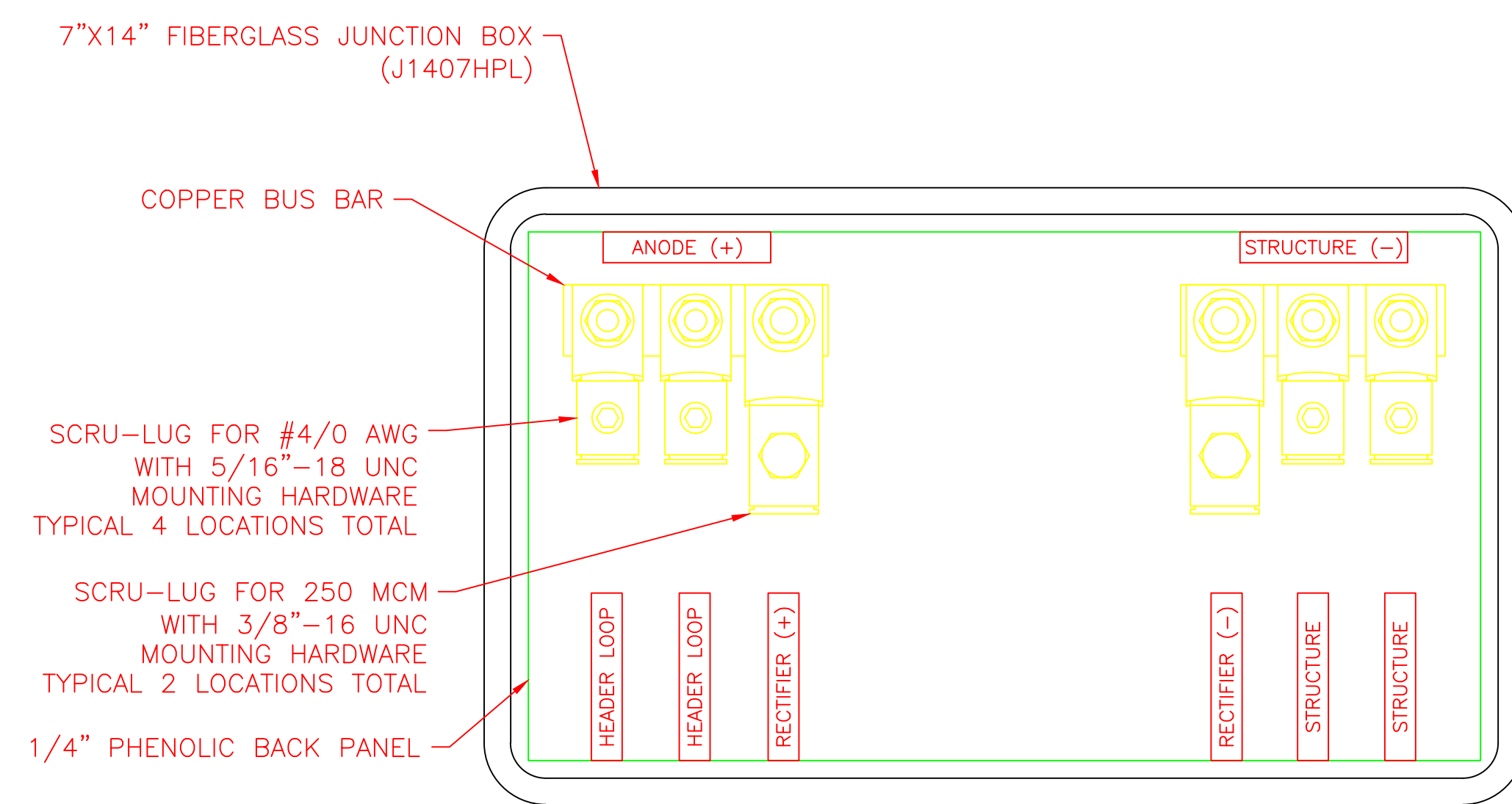
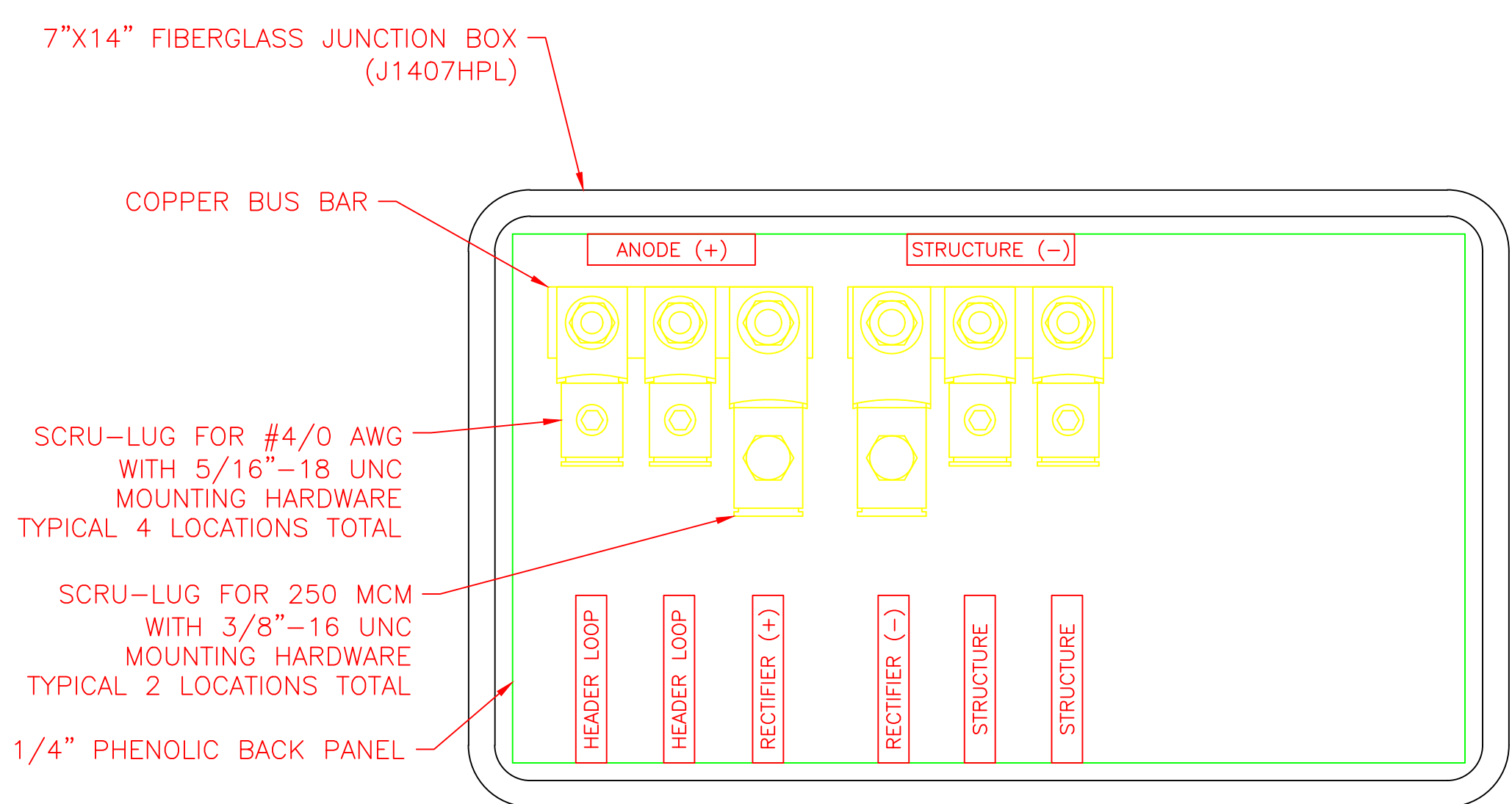
NOTE: #4/0 AWG ANODE LOOP HEADER NOT SHOWN FOR CLARITY

NCL STANDARD SIZES:  
2"x47.5" EXPOSED ELEMENT

SURFACE MOUNTED ANODE 1  
SCALE: NONE

RECTIFIER 2  
SCALE: NONE

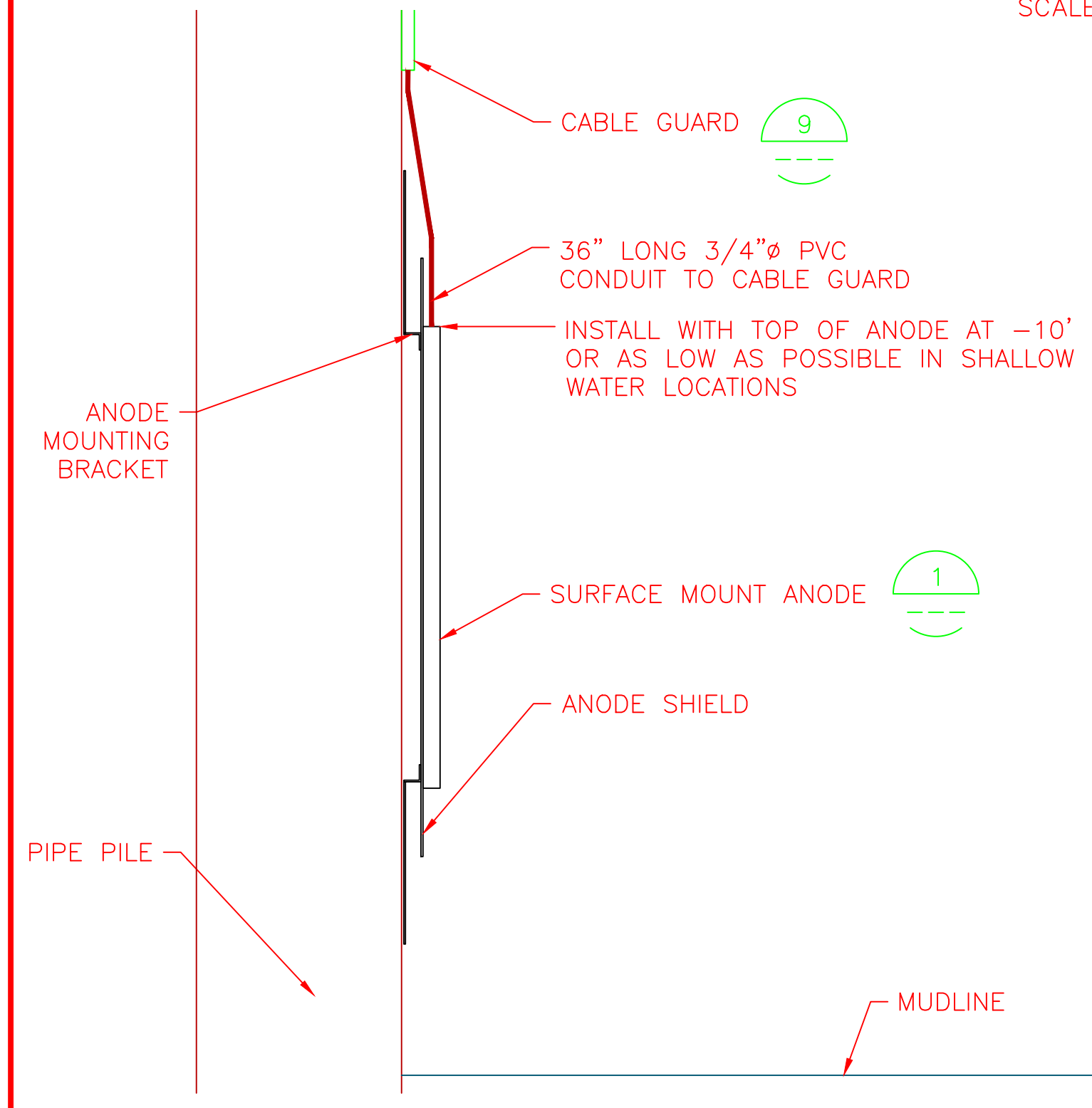
FUSE BOX 3  
SCALE: NONE



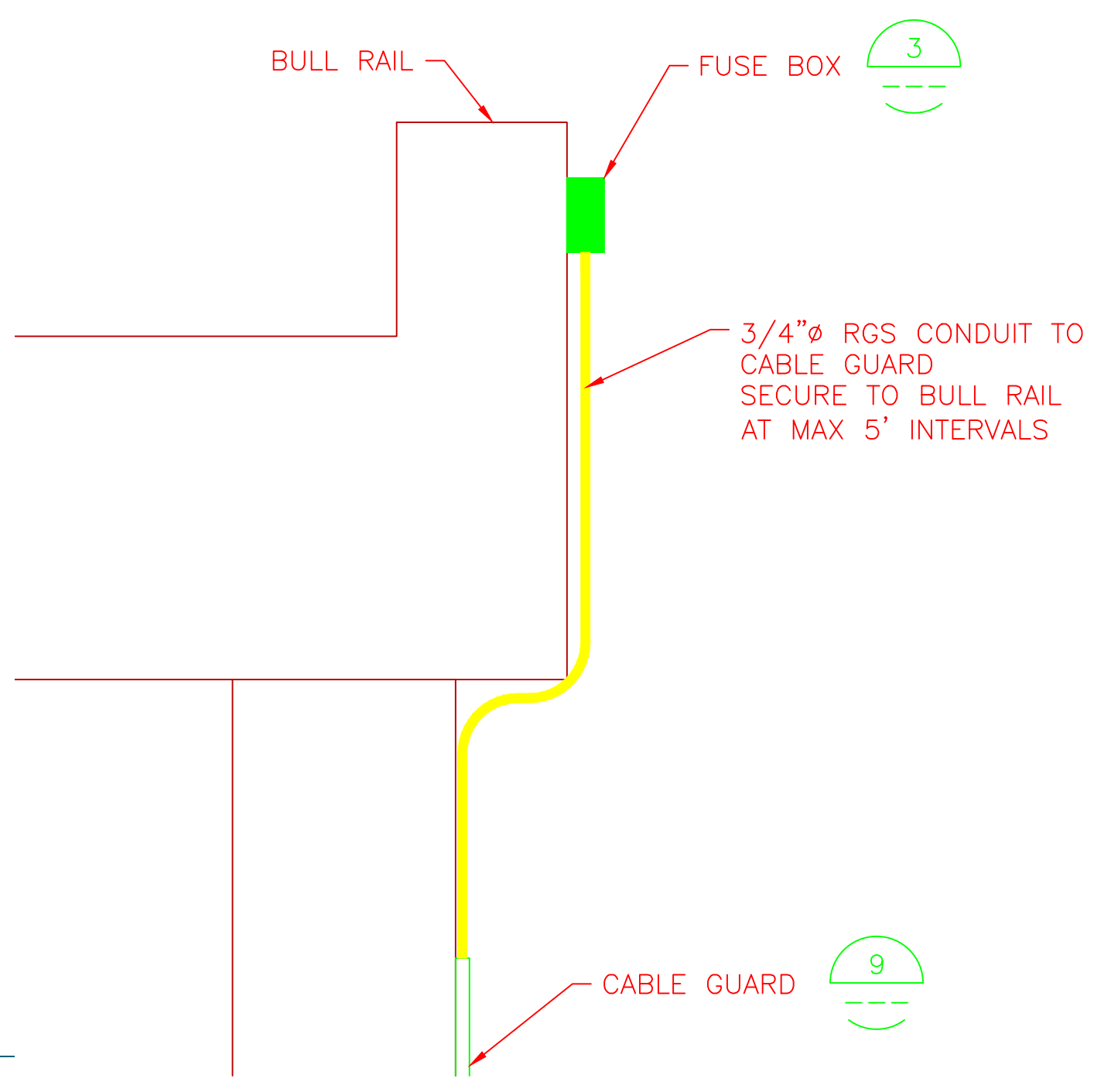
ANODE MOUNTING  
SCALE: NONE

SPLICE BOX TYPE 1 4  
SCALE: NONE

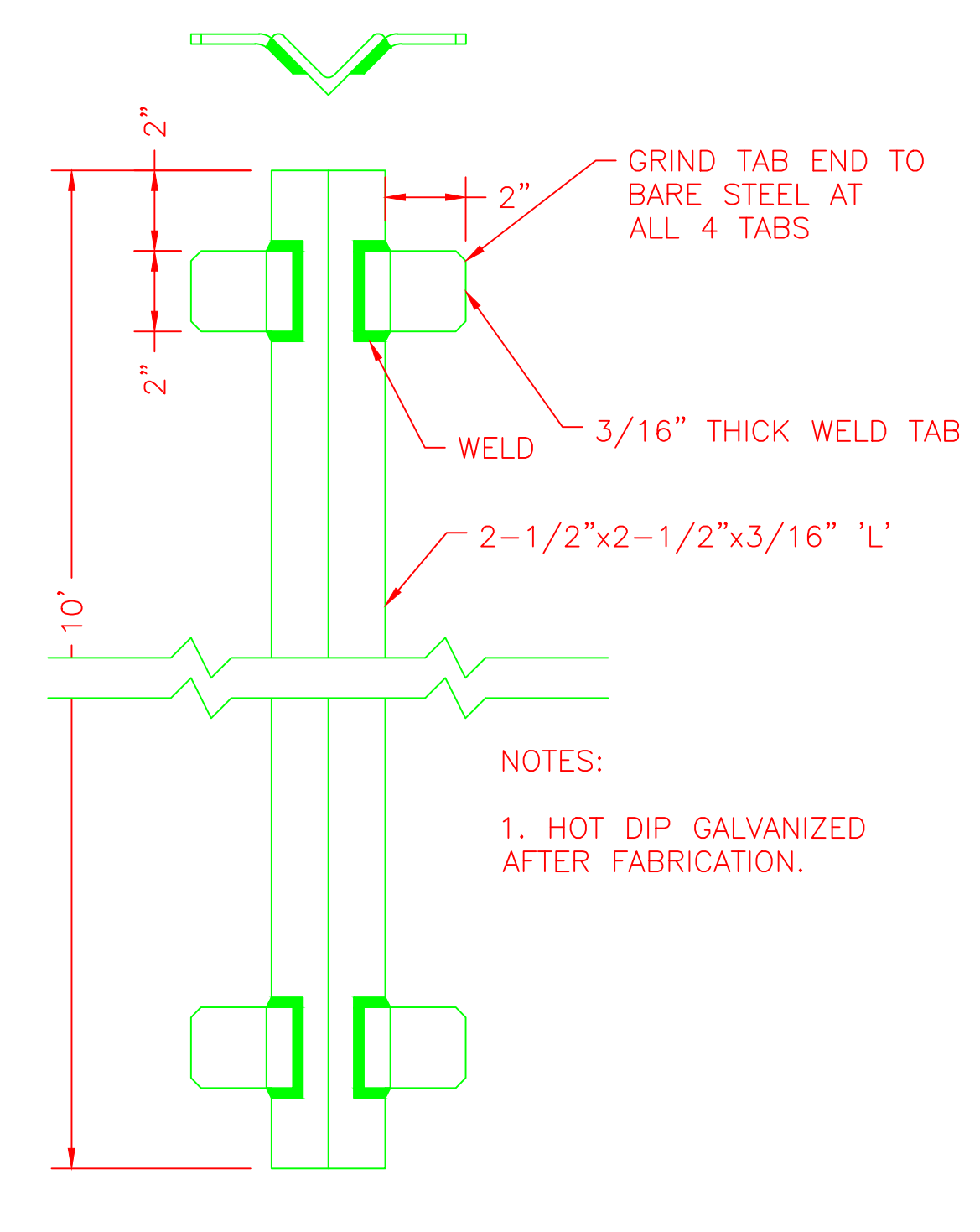
SPLICE BOX TYPE 2 5  
SCALE: NONE



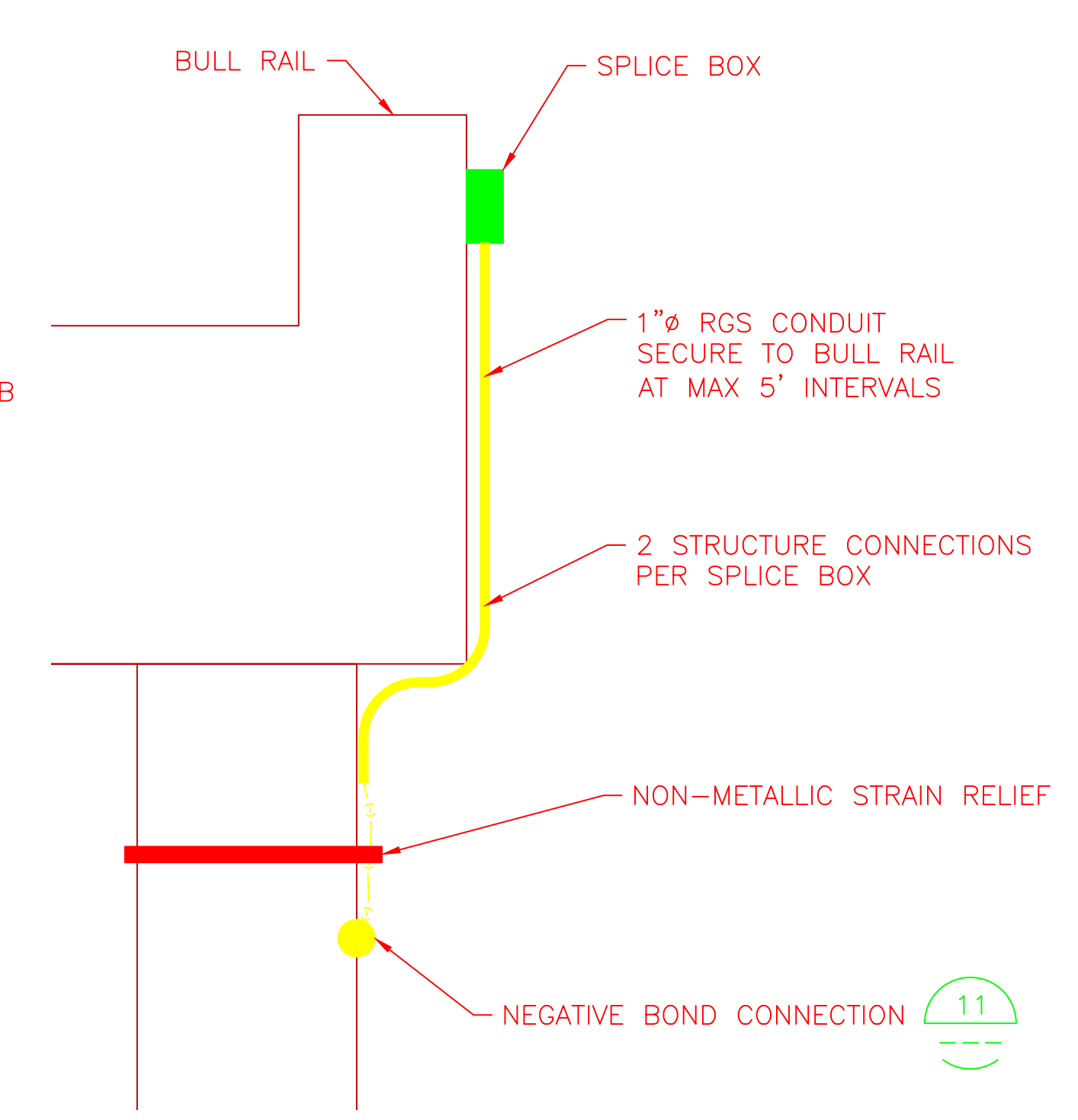
TYPICAL ANODE MOUNTING 7  
SCALE: NONE



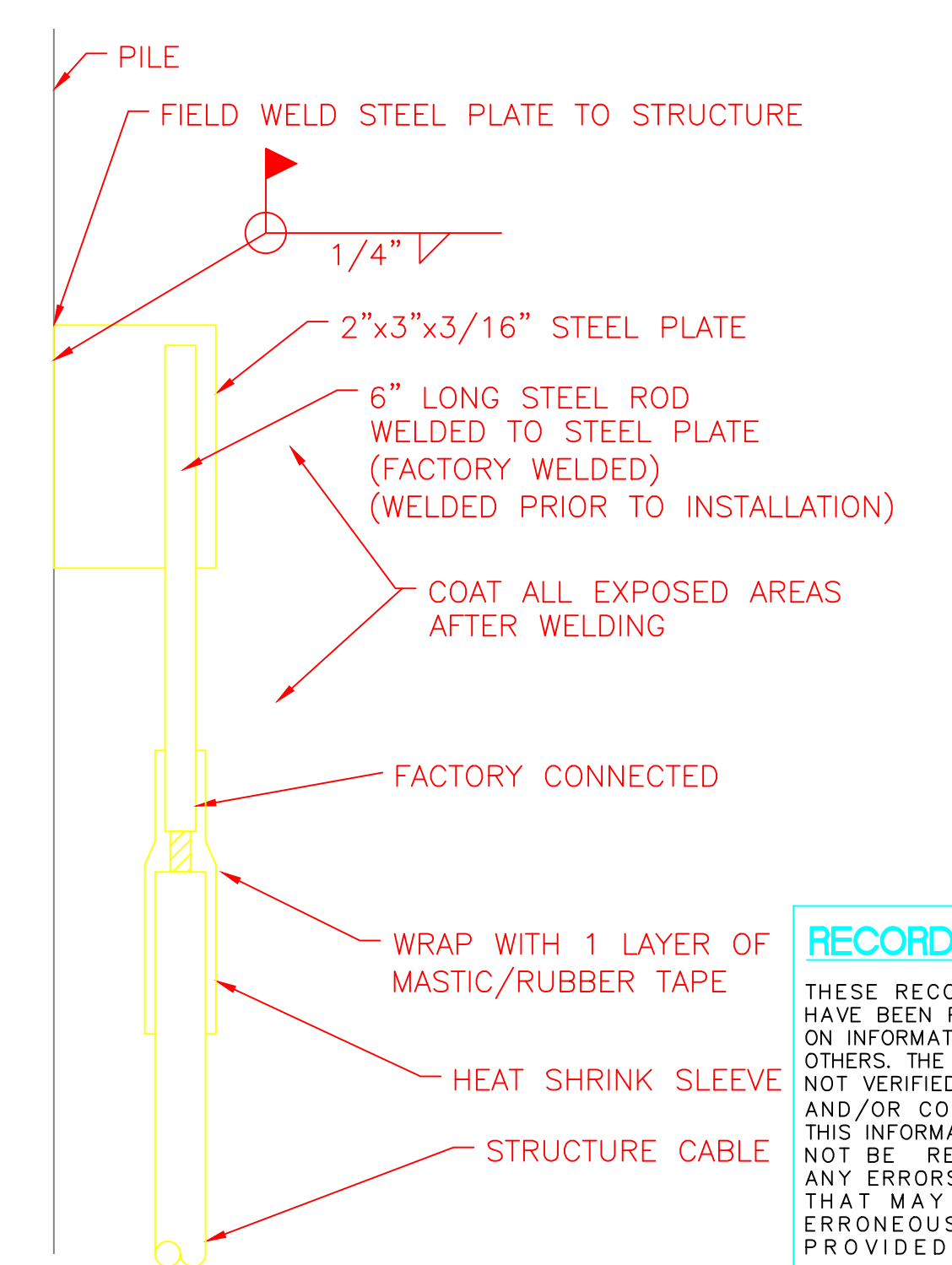
FUSE BOX MOUNTING 8  
SCALE: NONE



CABLE GUARD 9  
SCALE: NONE



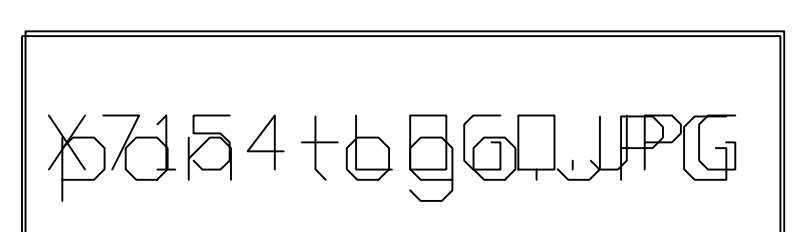
SPLICE BOX MOUNTING 10  
SCALE: NONE



NEGATIVE BOND CONNECTION 11  
SCALE: NONE

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REVISION	DATE	DESCRIPTION	BY

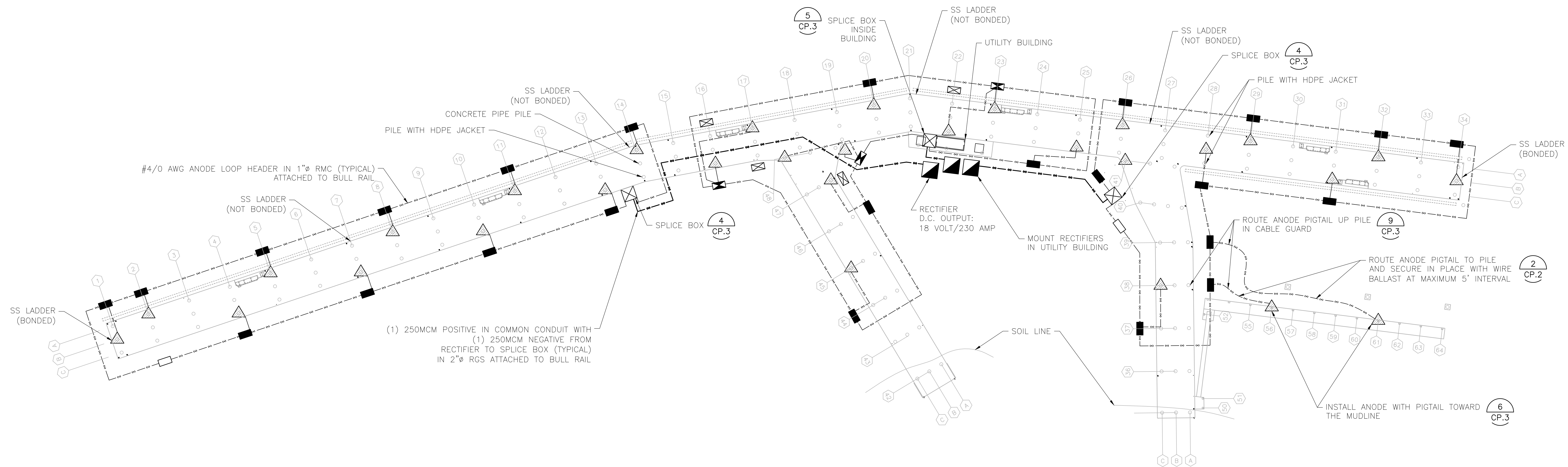
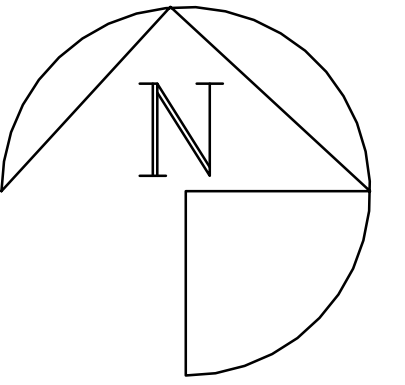


JOB No.: 206844  
DESIGNED BY: E.S.  
DRAWN BY: R.H.  
CHECKED BY: D.D.  
PLOT DATE: [RText: (RText)]  
PLOT BY: [RText: (RText)]  
DWG NAME: [RText: (RText)]  
TAB NAME: [RText: (RText)]

PORT OF NEWPORT  
NOAA  
MARINE OPERATION CENTER - PACIFIC  
IN WATER CONSTRUCTION  
CATHODIC PROTECTION SYSTEM - DETAILS

SHEET NO.  
CP.3  
SHEET OF XX  
RECORD NO.  
206844

RECORD DRAWING SET - AUGUST 19, 2011



(1) 250MCM POSITIVE IN COMMON CONDUIT WITH  
(1) 250MCM NEGATIVE FROM  
RECTIFIER TO SPLICE BOX (TYPICAL)  
IN 2" RGS ATTACHED TO BULL RAIL

**LEGEND:**

- RECTIFIER, D.C. OUTPUT: 18 VOLT/230 AMP 2  
CP.3
- FUSE BOX 8  
CP.3
- 2 ANODE FUSE BOX
- ANODE SPLICE BOX
- PULL BOX
- SPLICE BOX 10  
CP.3
- PILE MOUNTED ANODE 7  
CP.3

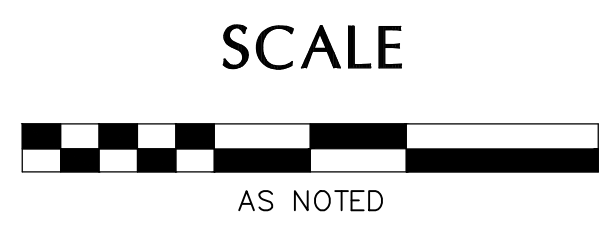
**OVERALL PLAN**  
SCALE: NONE

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NOAA CONTRACT NUMBER NA17OAR0001  
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RECORD DRAWING SET - AUGUST 19, 2011

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AND/OR COMPLETENESS OF  
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ERRONEOUS INFORMATION  
PROVIDED BY OTHERS.

REVISION	DATE	DESCRIPTION	BY

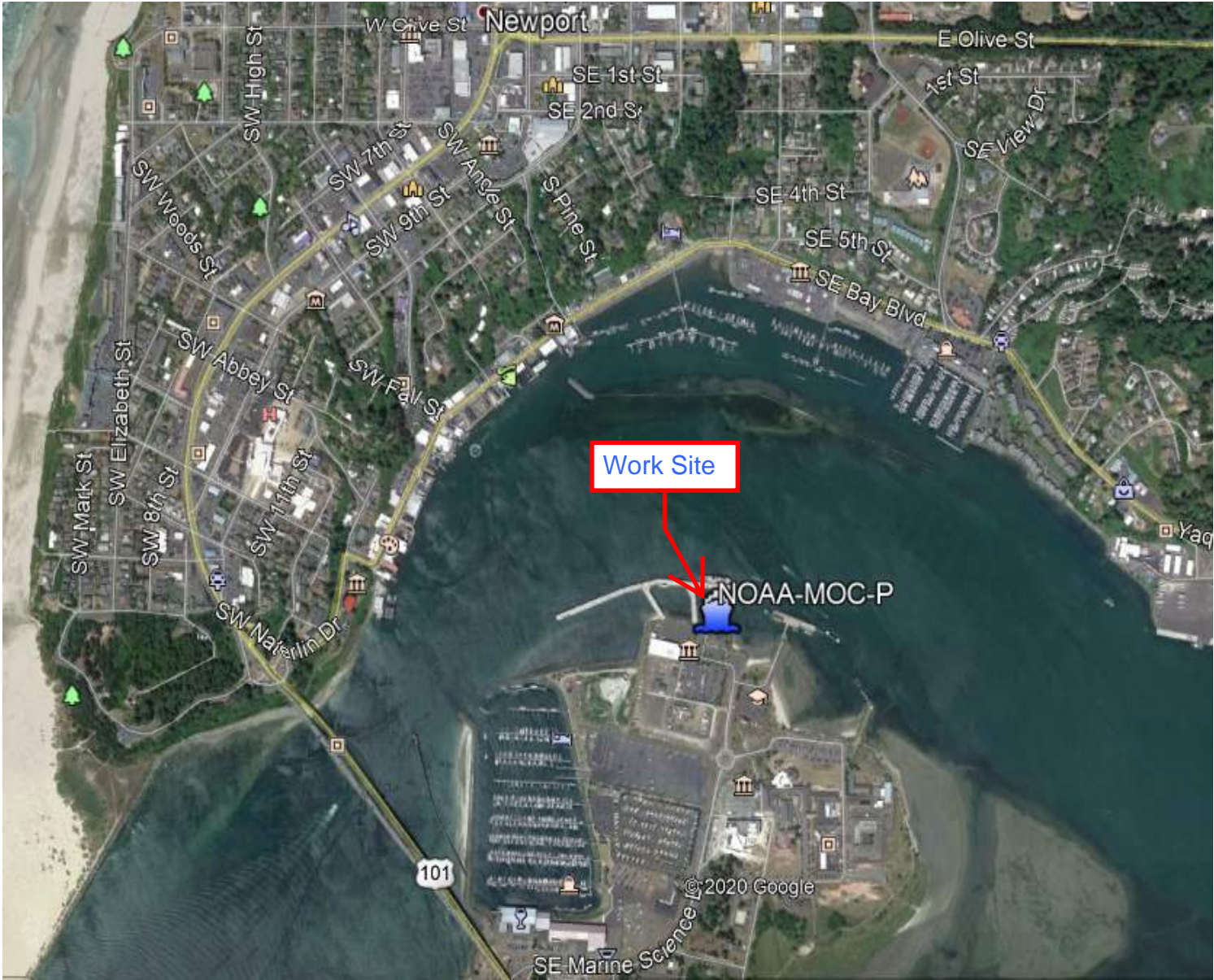


**50 YEARS**  
**kpff** Consulting Engineers  
111 SW 5th Avenue, Suite 2500  
Portland, Oregon 97204  
O: (503) 227-3251 F: (503) 227-7980

JOB No.:	206844
DESIGNED BY:	E.S.
DRAWN BY:	R.H.
CHECKED BY:	D.D.
PLOT DATE:	[Text: <Text>]
PLOTTED BY:	[Text: <Text>]
DWG NAME:	[Text: <Text>]
TAB NAME:	[Text: <Text>]

PORT OF NEWPORT  
**NOAA**  
**MARINE OPERATION CENTER - PACIFIC**  
**IN WATER CONSTRUCTION**  
**CATHODIC PROTECTION SYSTEM - LAYOUT**

SHEET NO.  
**CP.1**  
SHEET OF XX  
RECORD NO.  
206844  
Page 29 of 33



**IMPORTANT:**

This Document must be filled out and returned to Port of Newport as your quote for this project

**PROJECT:** NOAA East Zone Cathodic Protection Anode Replacement

**BIDDER:**  
CRUX DIVING, INC.

**Pricing Breakdown if Applicable:**

Mobilization/Demobilization	\$	<u>1,335<sup>00</sup></u>
Dive Crew/Installation	\$	<u>19,044<sup>00</sup></u>
System Startup/Calibration	\$	<u>29,905<sup>00</sup></u>
<b>TOTAL BASE PRICE</b>	\$	<u>50,284<sup>00</sup></u>

**Alternates (if applicable):**

\$ N/A

- \* Price includes all materials FOB job location.
- \*\* Price includes all licensing, bonding, insurances, permits and taxes.
- \*\*\* Price is held for minimum 90 days.
- \*\*\*\* Please list on separate sheet, any additional alternates or value engineering pricing.

Proposal is in compliance with the entire project Drawings, Specifications and/or Work Scope? Yes  No

**Clarifications:** N/A

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(Attach separate sheet if necessary)

**Estimated Schedule:**

Preparation of Shop Drawings/submittals	<u>2</u>	work days
Mobilization, demobilization	<u>2</u>	work days
Work performance In-Water	<u>6</u>	work days

Average Crew Size at 40 hr work week:

4 workers

**All Inclusive Labor Rates for Extra Work (or Attach Labor Rate Schedule):**

Superintendent	\$	<u>113.80</u>	/hour.
Foreman	\$	<u>106.70</u>	/hour.
Diver	\$	<u>165.90</u>	/hour.
Craftsman	\$	<u>90.40</u>	/hour.
Helper	\$	<u>90.40</u>	/hour.
Markup on cost of Materials		<u>10</u>	%

**Provide a list of equipment rates (if applicable):**

Equipment Item	Rate	Per
N/A		

**List of lower tier suppliers/subcontractors (if applicable):**

Name or description of material or work to be performed	Approximate Value
NORTON CORROSION LIMITED	29,905 <sup>00</sup>

DEL (Initial) Receipt of Addendum Numbers 0 is hereby acknowledged.

DEL (Initial) I acknowledge the terms and conditions as stated in the Request for Proposal form received from Port of Newport as part of the contract documents, and hereby incorporate them into this proposal.

DEL (Initial) I acknowledge the terms, conditions and minimum limits and have included all costs for insurance in this proposal.

DEL (Initial) I acknowledge the requirements of Oregon Prevailing Wage Law ORS 279C.800 and have if applicable incorporated all costs associated into this proposal.

**Submitted By:**

DAVID E. CLEARY  
VICE-PRESIDENT



Name DAVIDE. CLEARY

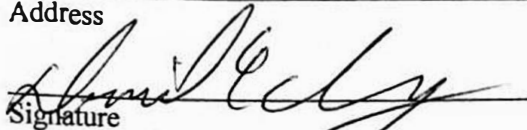
Company CRUX DIVING, INC.

CCB# CRUXDIB4TNS

206 697 1009  
Telephone #

dave@cruxdiving.com  
FAX/Email

6805 NE 175th Street, Kenmore, WA 98028  
Address

  
Signature

Nov. 16, 2020  
Date

The Port of Newport reserves the right to accept or reject any or all proposals and may, at its discretion, select the contractor that is deemed to provide the best value to the Port of Newport.