



AGENDA ITEM REPORT

Meeting Date: May 18, 2020

Staff Contact: Kimberly O'Farrell, Recreation Director

Department: Recreation Department

Subject: Phase 2 Marina Loan

Recommendation(s):

Loan request for Phase II, Marina Dock repair with Hurst Marine , not to exceed \$75,000

History, Purpose & Explanation:

PHASE I REQUEST/Approved by the Twp. Board on 4/20/20. The docks at Water's edge Marina are scheduled to be build up due to the high water levels. This project of building up the docks will allow patrons to safely access their boats without trudging through thigh water along with being able to utilize the electrical outlets safely. Since the preparation of the bid documents through C.E. Raines the sate has been hit with a pandemic (COVID-19). To justify this project certain phases will be set in place with financial observation and guidance from he Finance Director, Township Manager and Township Treasurer, to ensure monies spent are based upon demand of service at the Marina. Director, Kim O'Farrell, Dock Master, Gregg Phillips and Hurst Marine will work together to implement a plan not to exceed expenditures of \$50,000 per request for the demand of summer dock slips. The goal of this project is to utilize revenue intake to supply a safe environment to our customers.

PHASE II: On April 22, 2020, Hurst Marine, Pfeiffer's Inc. (sub contractor), and Riverside Electric met at the Marina to discuss the phase approach plan in full detail. I requested the following: Cost for Pier's 2, 3, and 5 only. Hurst and Riverside submitted quotes and area attached. The loan amount of \$75,000 with the Recreation Dept. \$50,000 will cover Piers 2,3, and 5.

Financial Impact:

Loan amount \$75,000 5 yrs. at \$15,911.88 per year.

Attachments:

[GI Kim O'Farrell 51420 HURST Marina Amortization Schedule rate sheet 2020 5-12-20 standard Riverside Electric ron.riverside@gmail](#)

BOAT HOIST USA INC.
Hurst Marine Contractors & Salvage Inc.
24119 West River Road
Grosse Ile, Michigan 48138
E- Mail: boathoistusa@comcast.net

Dock Revision Costs

Submitted To: Grosse Ile Parks and Recreation Dept.
25215 West River Road
Grosse Ile, Mi. 48138

May 14, 2020

Attention: Kim O'Farrell

Pier #2 (Dock Sections)

Supply materials and labor to fabricate and install the dock sections that will be installed on top of the existing docks. Supply and fabricate the 2' x 3" stanchions that will be installed on the existing dock frame to hold the new dock sections. Each of the stanchions will have six holes punched in them to allow the docks to be adjusted up or down depending on water levels. New cleats will be installed on the dock sections as needed.

- Six foot wide main dock materials to build the seventeen plus one slightly shorter 8' x 6' main dock sections.
- Two foot wide finger dock materials to build the six 8' by 2' finger dock sections.
- Materials and labor for the Ramp.
- Materials and labor for the stanchions on the main dock, finger docks and tie clips

Sub Total for Pier #2

\$39,369.00

Pier #3

Supply materials and labor to fabricate and install the dock sections that will be installed on top of the existing docks.

- Six foot wide main dock materials to build the seventeen plus one slightly shorter 8' x 6' main dock sections.
- Two foot wide finger dock materials and labor to build the four dock sections for each 32' x 2' docks.
- Materials and labor for the ramp.
- Materials and labor for the stanchions on the main dock, finger docks and tie clips

Sub Total for Pier #3

\$36,127.00

Pier #5

- Six foot wide main dock materials to build the ten dock sections.
- Two foot wide finger dock materials and labor to build the 30' dock sections
- Materials and labor for the ramp.
- Materials and labor for the stanchions on the main dock, finger docks and tie clips.

Sub Total for Pier #5

\$26,657.00

Project Total

\$ 102,153.00

Janet Hurst

May 14, 2020

Janet Hurst
President Boat Hoist USA Inc.

Janet Hurst May 14, 2020
Janet Hurst Date

MARINA REPAIRS

Compound Period : Annual

Nominal Annual Rate : 2.000 %

CASH FLOW DATA

Event	Date	Amount	Number	Period	End Date
1 Loan	05/13/2020	75,000.00	1		
2 Payment	05/13/2021	15,911.88	1		
3 Payment	05/13/2022	15,911.88	1		
4 Payment	05/13/2023	15,911.88	1		
5 Payment	05/13/2024	15,911.88	1		
6 Payment	05/13/2025	15,911.88	1		

AMORTIZATION SCHEDULE - Normal Amortization

Date	Payment	Interest	Principal	Balance
Loan 05/13/2020				75,000.00
2020 Totals	0.00	0.00	0.00	
1 05/13/2021	15,911.88	1,500.00	14,411.88	60,588.12
2021 Totals	15,911.88	1,500.00	14,411.88	
2 05/13/2022	15,911.88	1,211.76	14,700.12	45,888.00
2022 Totals	15,911.88	1,211.76	14,700.12	
3 05/13/2023	15,911.88	917.76	14,994.12	30,893.88
2023 Totals	15,911.88	917.76	14,994.12	
4 05/13/2024	15,911.88	617.88	15,294.00	15,599.88
2024 Totals	15,911.88	617.88	15,294.00	
5 05/13/2025	15,911.88	312.00	15,599.88	0.00
2025 Totals	15,911.88	312.00	15,599.88	
Grand Totals	79,559.40	4,559.40	75,000.00	

Riverside Electrical Services, Inc.

19125 Dix Road

Melvindale, MI 48122

May 12, 2020

Re: 2020 Current Time and Material Rate Sheet

Straight time – Journeyman Electrician	\$ 83.00 per hour
Straight time – Apprentice Electrician	\$ 61.00 per hour
1 ½ Overtime – Journeyman Electrician	\$ 115.00 per hour
1 ½ Overtime – Apprentice Electrician	\$ 93.00 per hour
Double time – Journeyman Electrician	\$ 147.00 per hour
Double time – Apprentice Electrician	\$ 119.00 per hour

Service Call – 4 Hour Minimum – Appropriate for day & time.

All time is portal to portal from our office.

Straight time hours consist of 7:00am to 3:30pm, Monday thru Friday, eight hours a day.

Time and half rates apply for any hours worked after 8 hours, Monday thru Friday, and any work on Saturday.

Double time is charged for Sundays.

Triple time is charged for all Holidays.

A shift premium of 15% will apply for any work required before 7:00am or after 4:00pm, Monday thru Friday.

All material is marked up after our costs @ 20%.

Sincerely,

Riverside Electrical Services, Inc.

Ron Stempien

C:\Riverside Electrical Services, Inc\forms\rate sheet\rate sheet 2020 5-12-20 standard.docx

From: ron.riverside@gmail.com
Sent: Tuesday, May 12, 2020 9:55 AM
To: Kimberly O'Farrell
Subject: Riverside Electric - Water's Edge Dock Power Repairs

Kim,

Per our walk thru on 5-6-12 for electrical repairs on Piers #2, #3 and #5 is as follows:

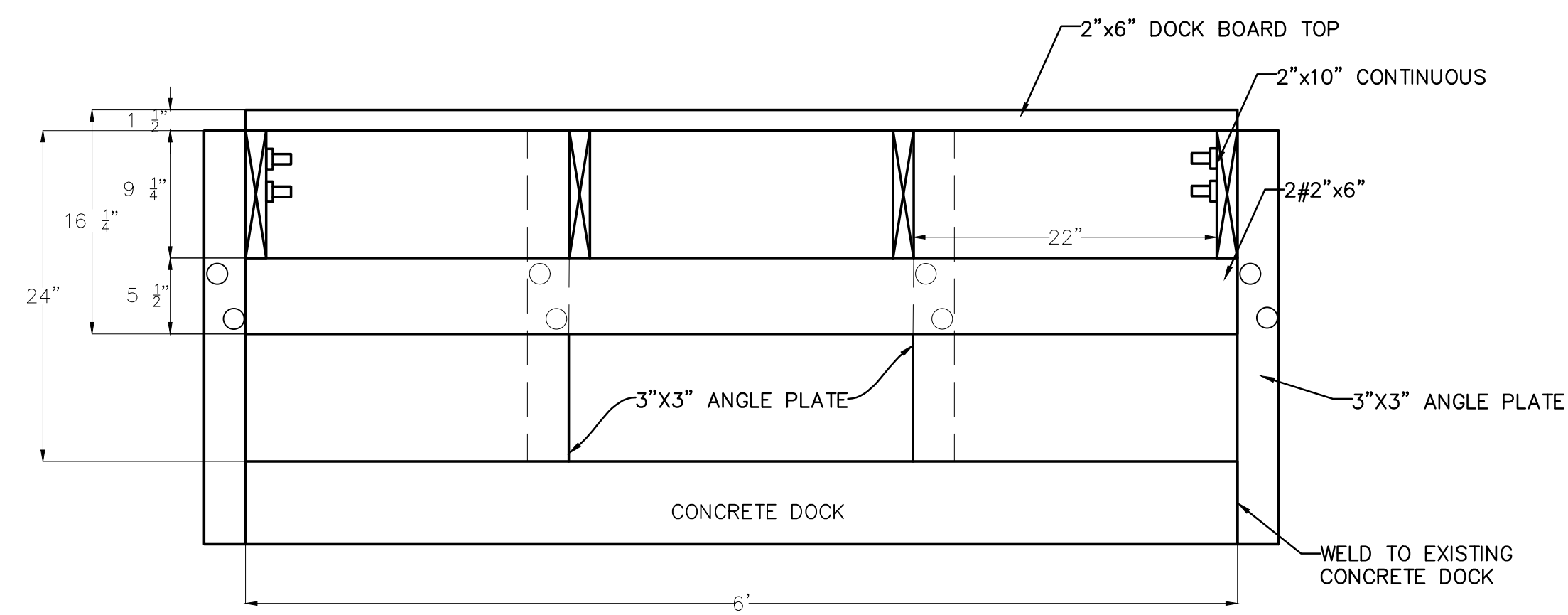
- Repair the winter ice damage to electrical.
- Pull conduits out of the water to re-support on existing angle iron at the edge of the existing concrete docks. We will repair the existing conduits, but not replace them.
- Repair the dead shorts in the circuits running out on the docks. The existing circuits will be operational where we are able to repair.
- If required we will install new conduit and conductors where we are unable to make repairs. All new PVC conduits will be run under the new wood risers on the main piers. We will fasten the new conduits to the existing concrete docks.
- All electrical work must take place before any risers are put in place on the main piers or risers must have proper clearance for conduits to be installed under risers.
- No electrical work is included in this proposal for Piers #1 & #4.
- All work to be completed on a straight time basis, Monday thru Friday, 7am to 3:30pm
- No electrical permit is included in this proposal for the electrical repairs.

All electrical work will be completed on a time and material basis, not to exceed \$22,985.00.
We have figured approximately 1 week of labor, plus materials.

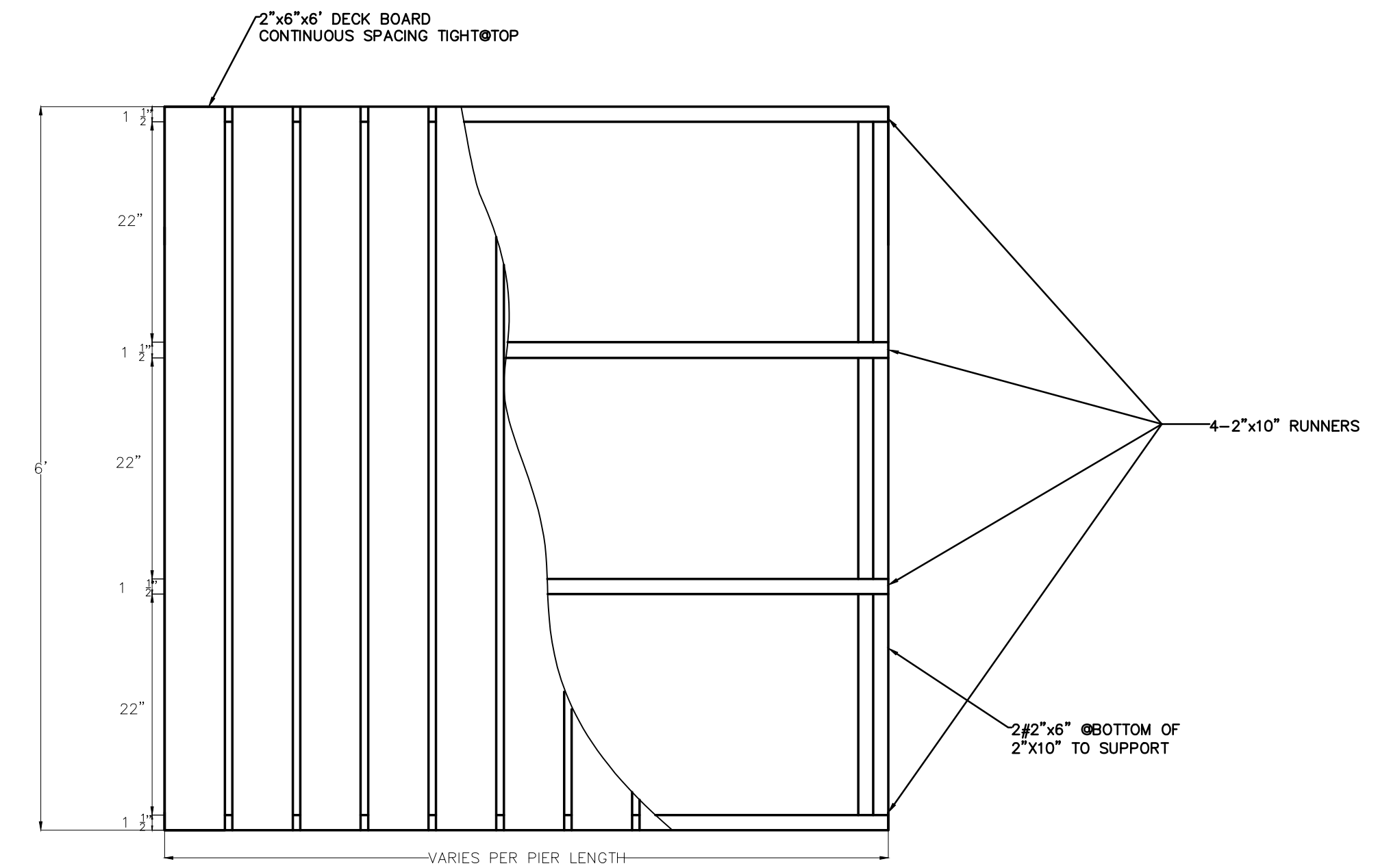
If you have any questions or would like to discuss please call or email.

Thanks!

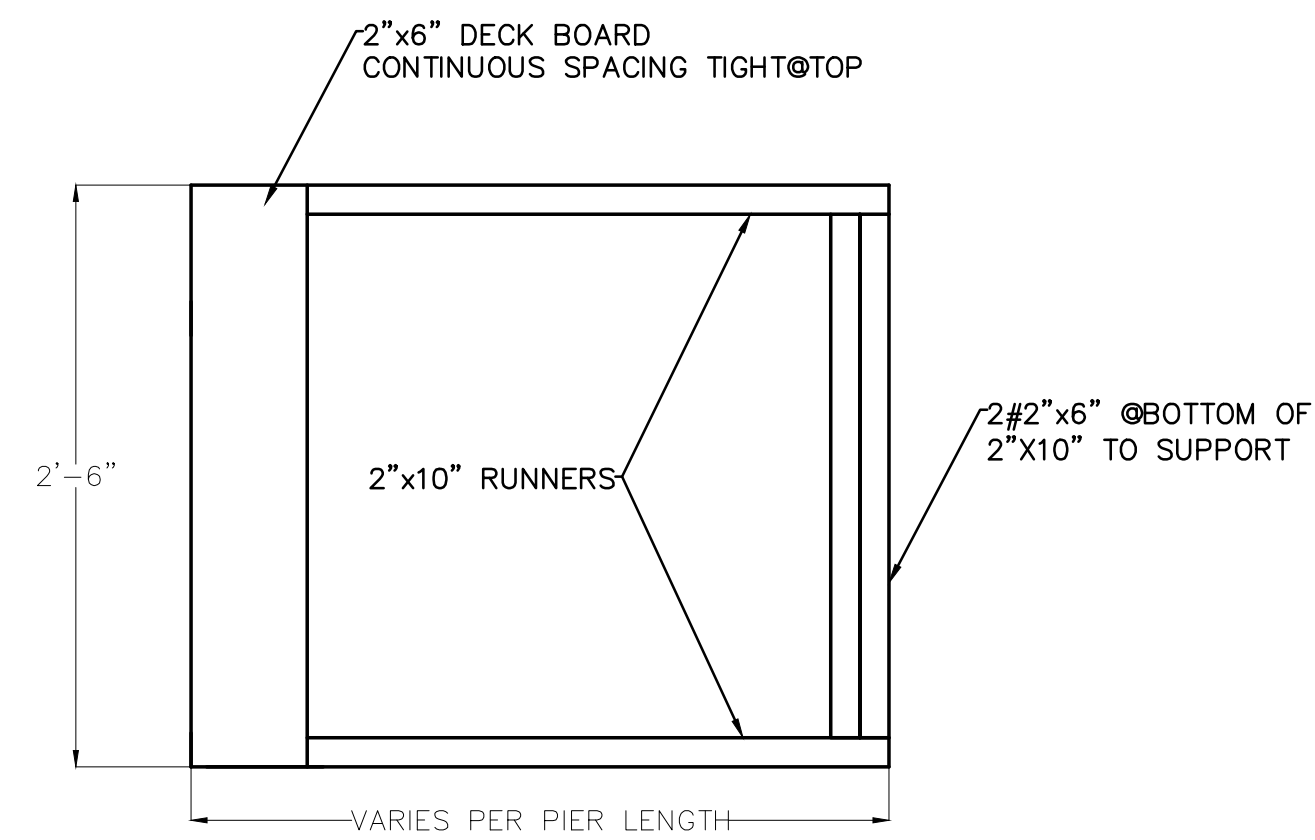
Ron Stempien
Riverside Electrical Service, Inc.
19125 Dix Road
Melvindale, MI 48122
734.231.1994
866.876.5431 Fax



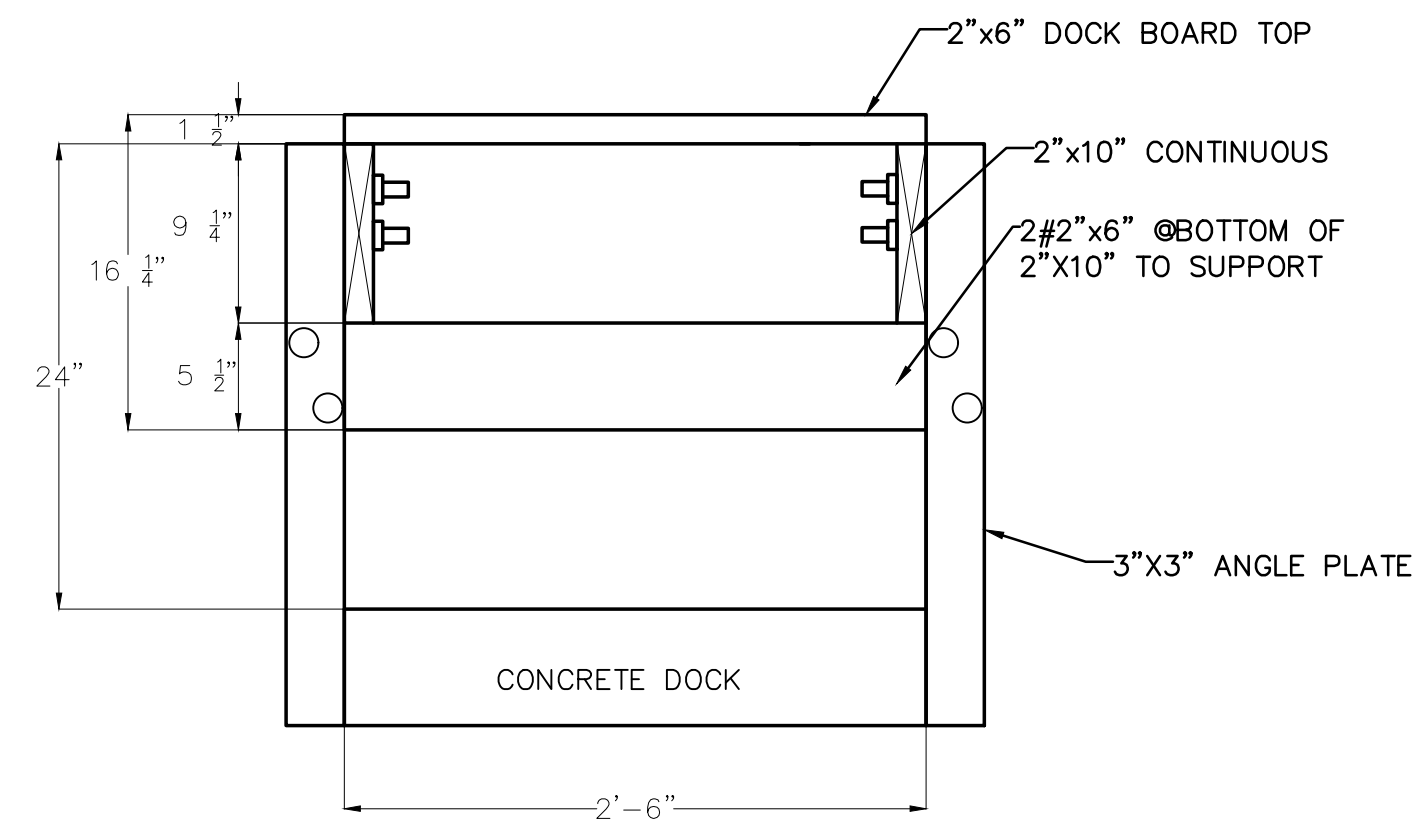
DETAIL 1-A
SECTION OF 6' WIDE DOCK



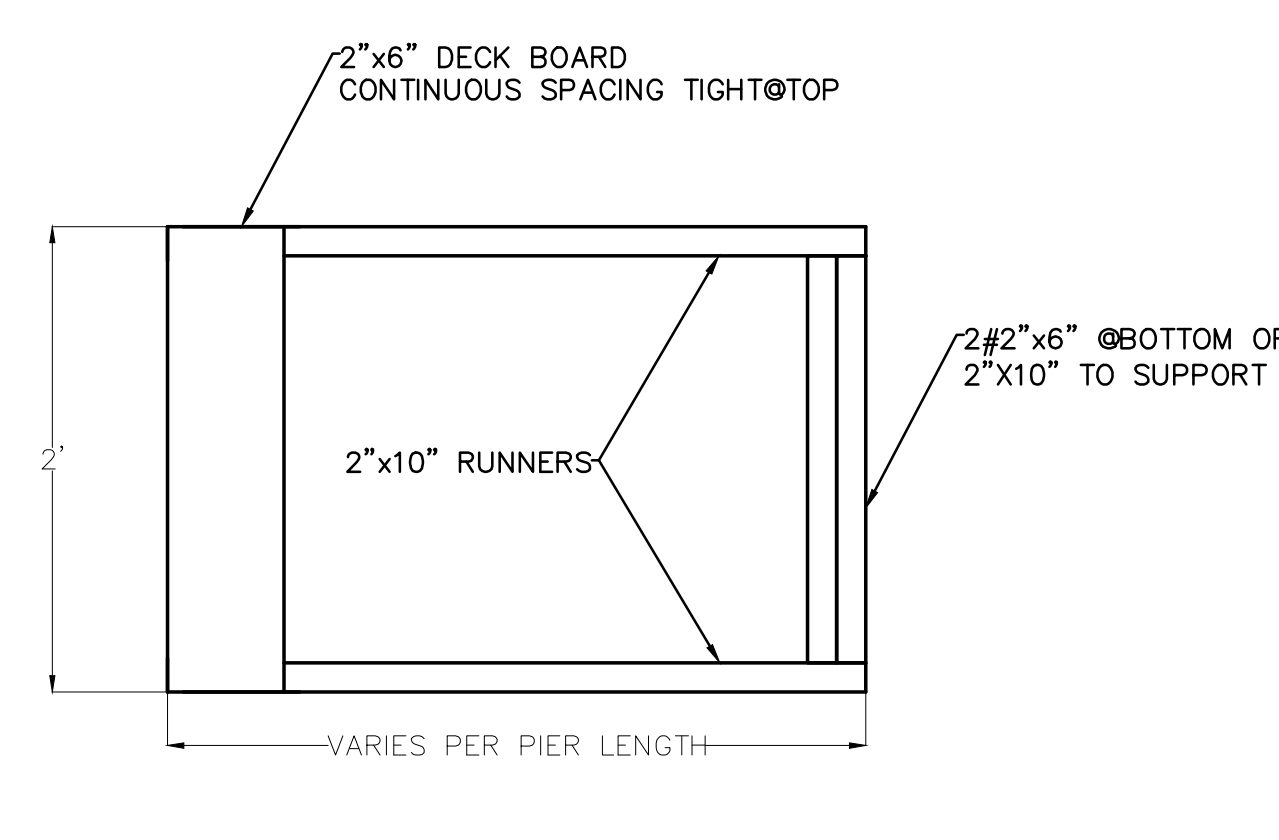
DETAIL 1-B
TOP SECTION OF 6' DOCK



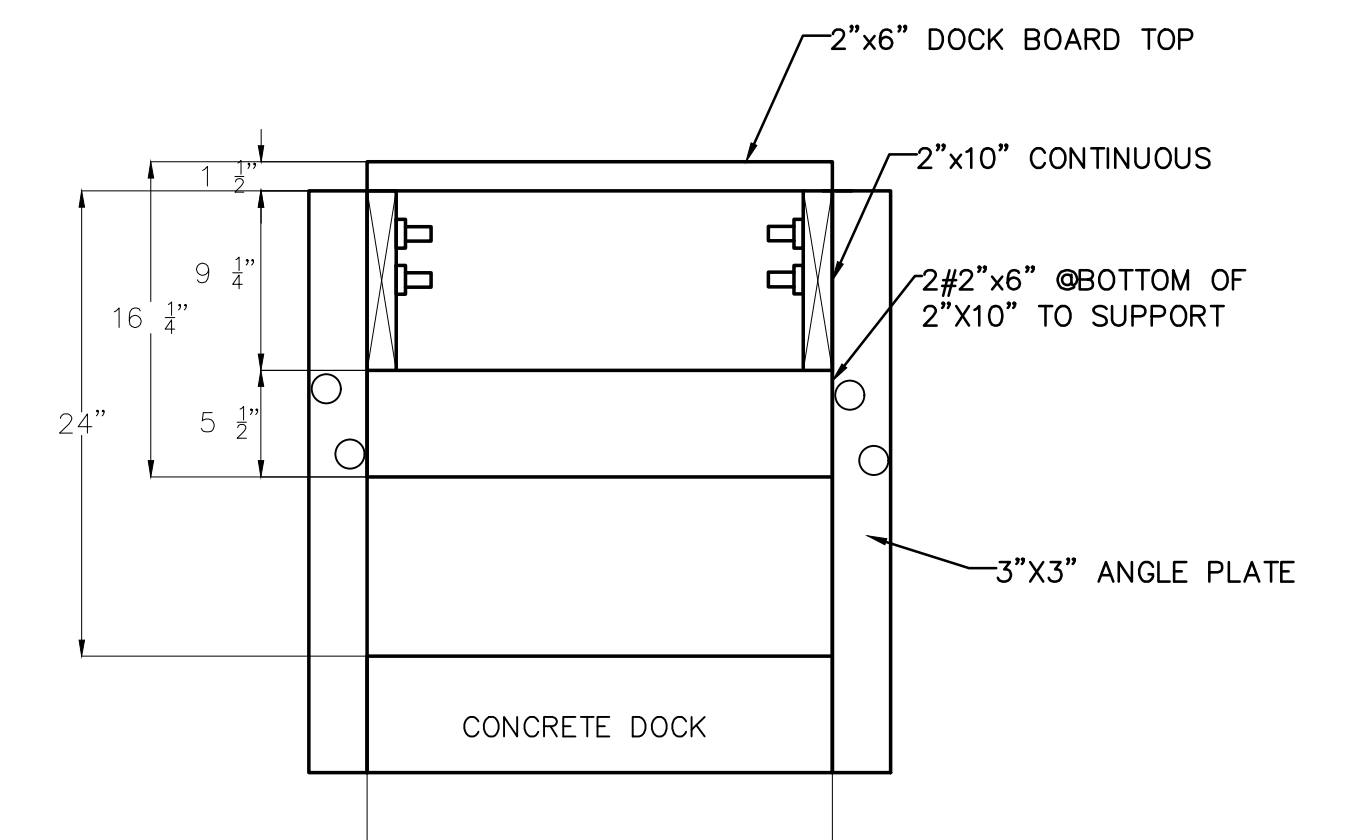
DETAIL 2-A
TOP SECTION OF 2'-6" DOCK



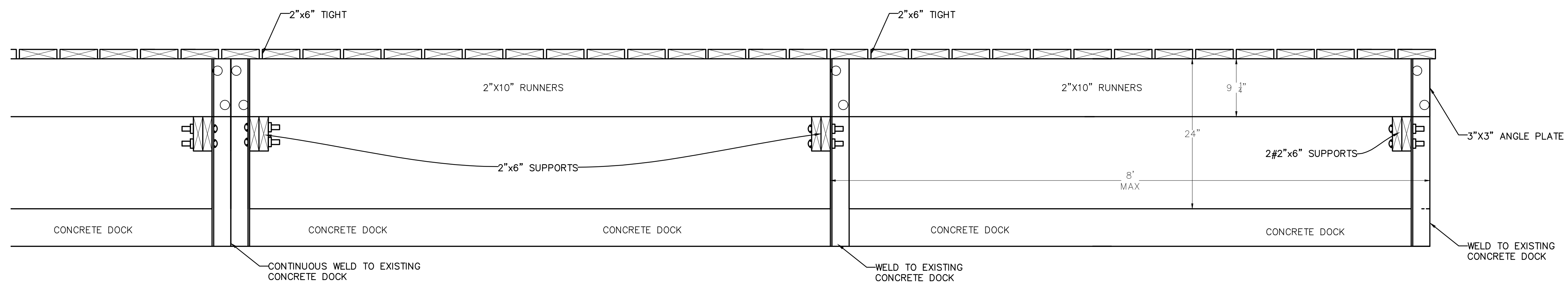
DETAIL 2-B
2'-6" WIDE DOCK



DETAIL 3-A
TOP SECTION OF 2' DOCK



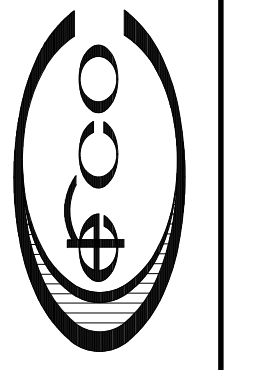
DETAIL 3-B
2' WIDE DOCK



TYPICAL CROSS SECTION OF DOCK

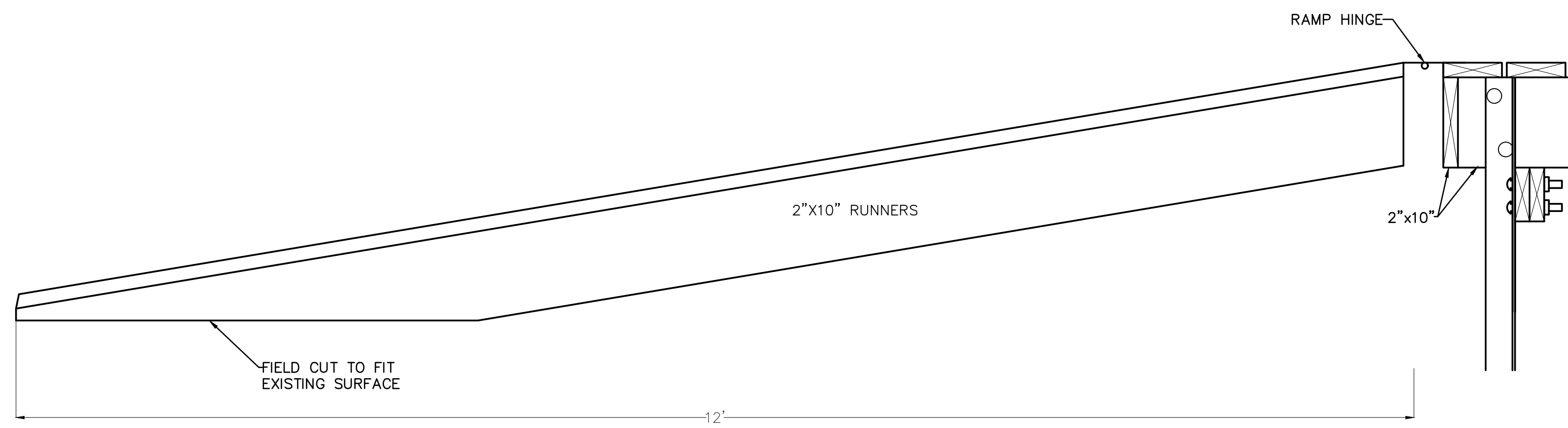
DR.	AG	ISSUED FOR
APPR.		
CHK.		
REV.	DATE	
	3/11/20	

CHARLES E. RAINES COMPANY
CIVIL ENGINEERS / SURVEYORS
17700 FORT ST. RIVERVIEW, MICHIGAN 48193
(734) 285-7510 FAX (734) 285-7572

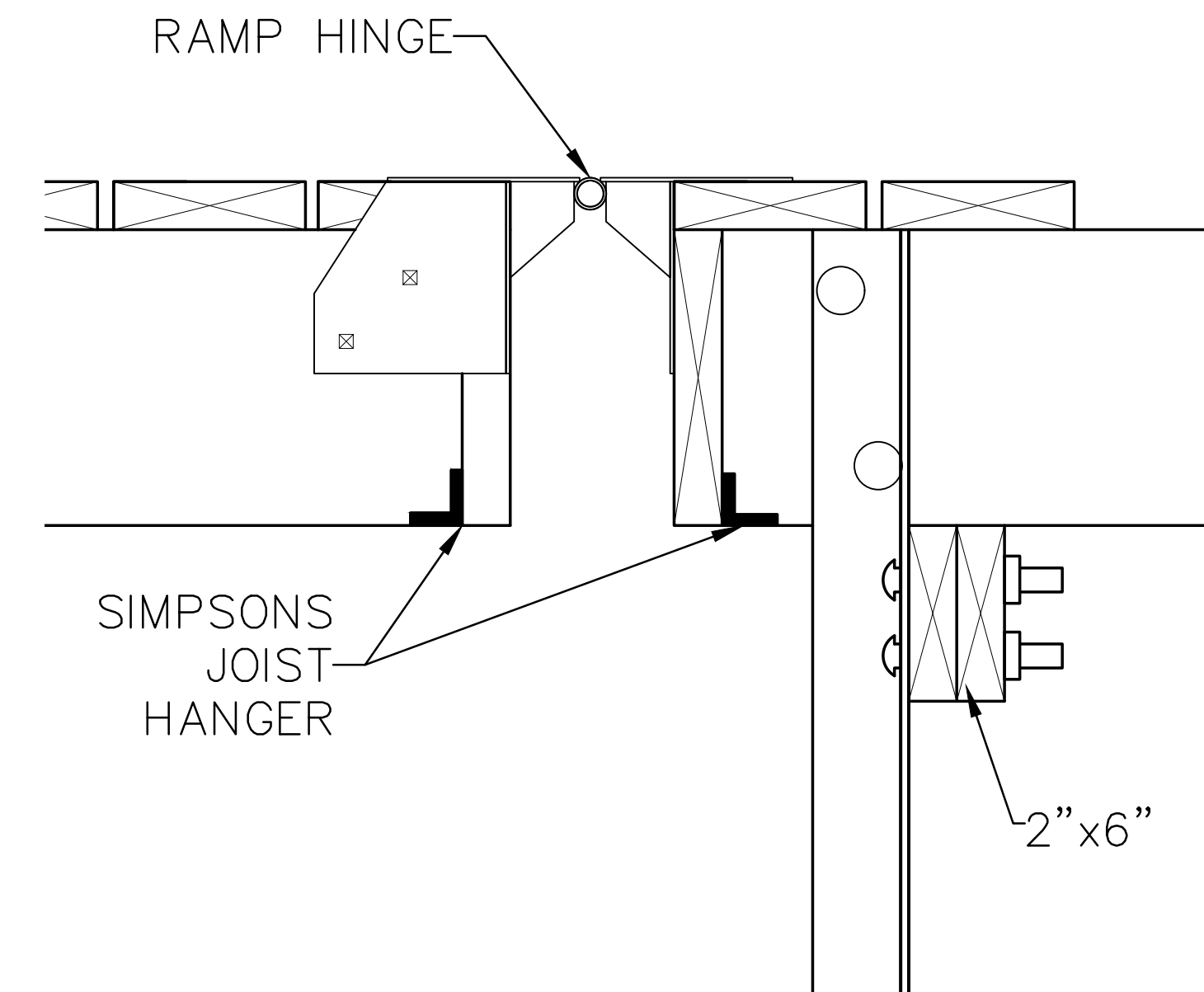


PROJECT
JOB
PROPOSED MODIFICATION TO
"WATER'S EDGE MARINA"
GROSSE ILE, MICHIGAN 48138

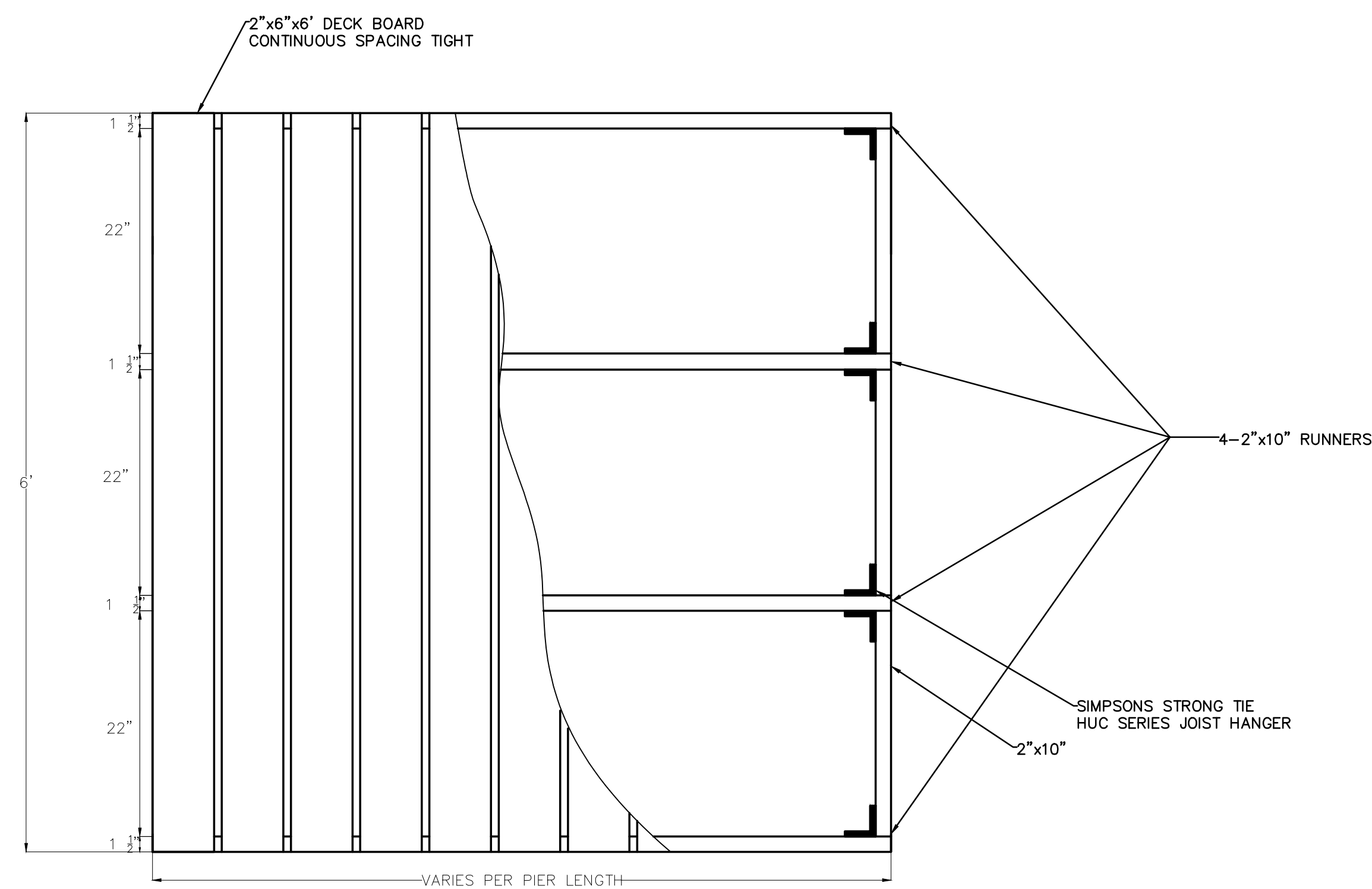
PROJECT	GI-681
JOB	
SHEET	S-2



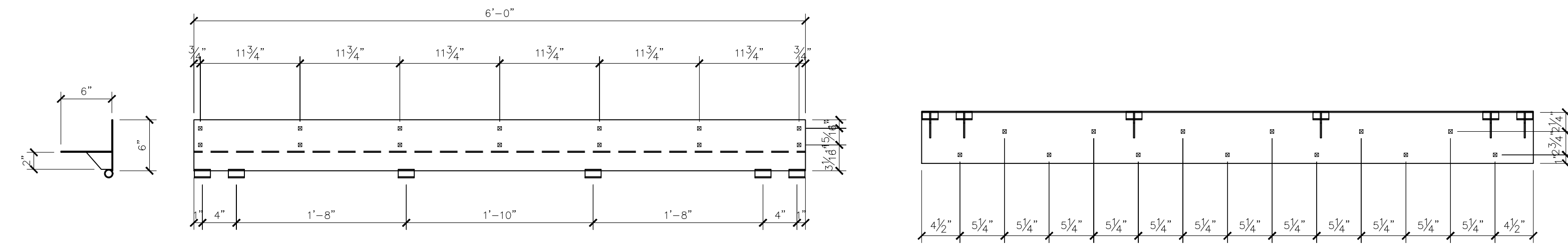
DETAIL 4-A
TYPICAL 6' WIDE DOCK RAMP



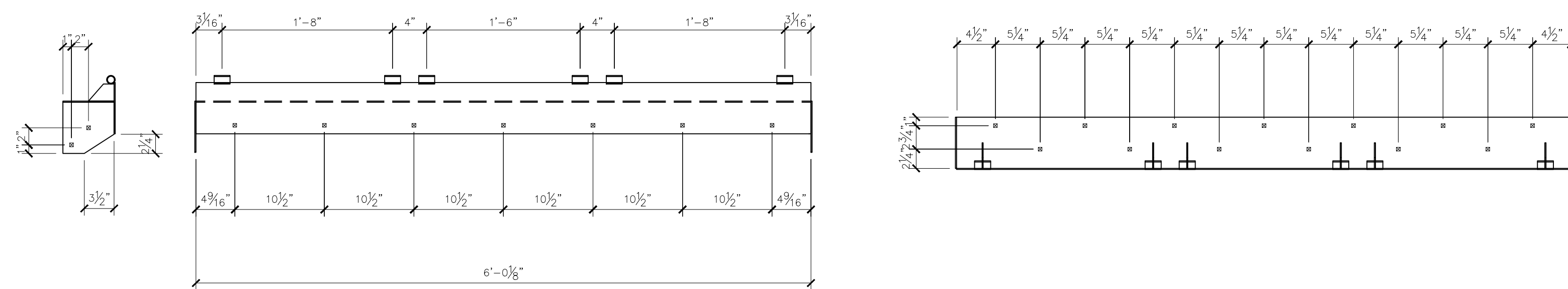
DETAIL 4-B
RAMP TO DOCK HINGE JOINT DETAIL



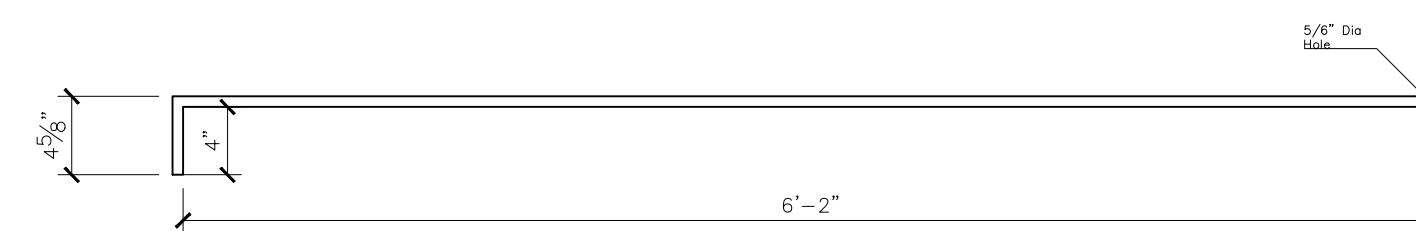
DETAIL 4-C
TOP SECTION OF 6' WIDE DOCK RAMP



RAMP FIXTURE (L) (DOCK MEMBER)



RAMP FIXTURE (BOX) (RAMP MEMBER)



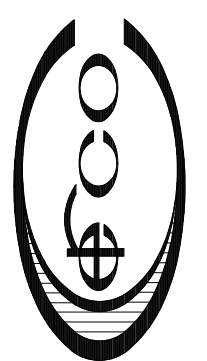
5/8" DIA HINGE PIN

DRAWING FOR 6' RAMP HINGE FIXTURE

- ALL PLATE 1/8" THICK
- 3/4" SCH 40 HINGE PIPES
- 5/8" SOLID ROD PIN
- HOT DIP GALVANIZED
- 7/16" SQ. HOLES TYP FOR 3/8" CARRIAGE BOLTS

DR.	AG	ISSUED FOR
APPR.		
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PROPOSED MODIFICATION TO
"WATER'S EDGE MARINA"
GROSSE ILE, MICHIGAN 48138

PROJECT	GI-681
JOB	

RAMP DETAILS	S-3
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