

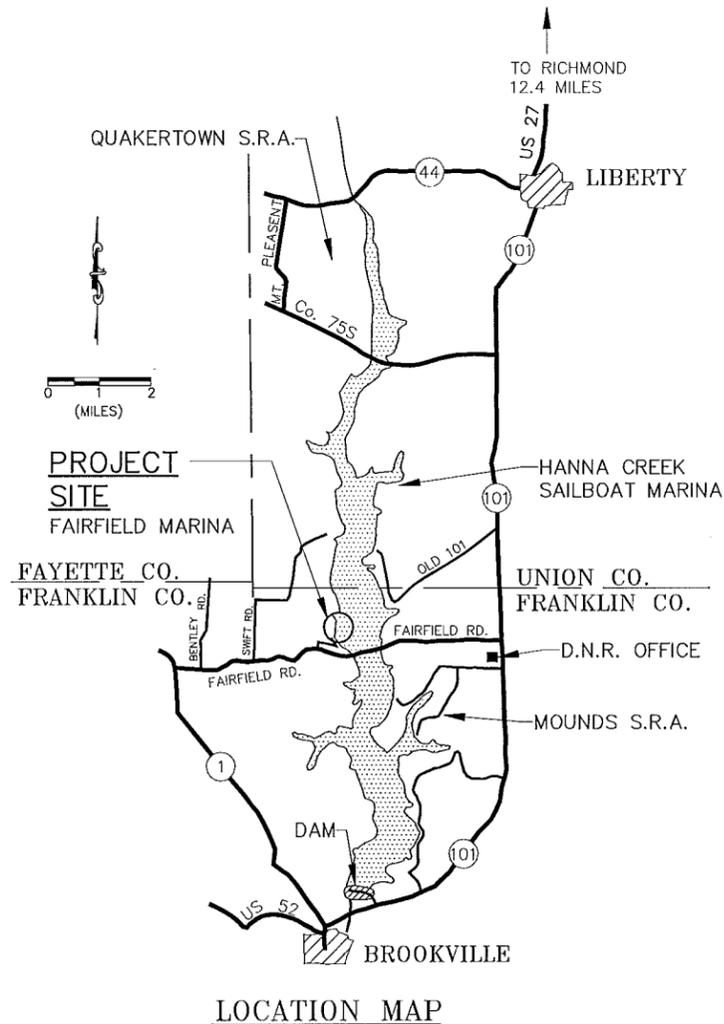
# STATE OF INDIANA

## DEPARTMENT OF NATURAL RESOURCES

### FLOATING BOAT DOCK

### BROOKVILLE LAKE FAIRFIELD MARINA

BROOKVILLE, INDIANA  
FRANKLIN COUNTY  
PROJECT NO. E030300



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7.	P-2 PLUMBING DETAILS

Certified by:

FLOATING BOAT DOCK  
BROOKVILLE LAKE FAIRFIELD MARINA  
DEPT. OF NATURAL RESOURCES  
14108 ST. RD. 101  
BROOKVILLE, IN 47012-9791



STATE OF INDIANA  
DEPARTMENT OF NATURAL RESOURCES  
**DIVISION OF ENGINEERING**  
ROOM 4038 INDIANA GOVERNMENT CENTER SOUTH  
INDIANA POLICE TRAINING CENTER  
INDIANA POLIS, INDIANA 46204  
TEL: 317-232-4150, FAX: 317-232-1205

Revisions:

Project Number: E030300

Requisition Number: Requisition#

Designer: Drawing Date: 1/20/16

Drafter: Drawing Scale: NO SCALE

DNR Approval:

Client Approval:

File Number: 305-57

Drawing Number: TS-1

Sheet 1 of 7

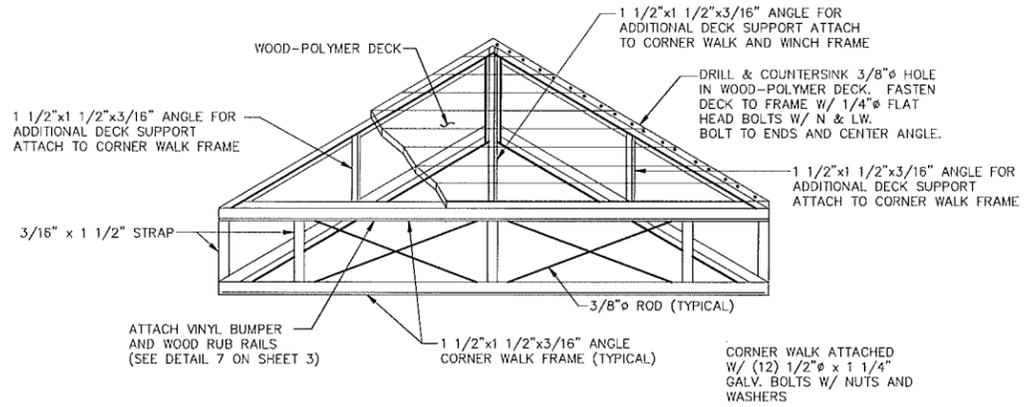
Jan 20, 2016, 1:28pm 5x8.5 INCH (127x216mm) PLOTTER OUTPUT FROM AUTOCAD 2016 (1/20/16) 14108 ST. RD. 101, BROOKVILLE, IN 47012-9791

# BASE BID

## GENERAL NOTES

- Water depth and fluctuations
 

Normal summer pool elev.	748 ft. M.S.L.
Winter pool elev.	740 ft. M.S.L.
Flood control pool elev.	775 ft. M.S.L.
Minimum pool elev.	713 ft. M.S.L.
Summer pool fluctuation	2 ft. M.S.L.
- The Contractor shall notify the Property Manager at least 2 weeks before installing the boat dock unit in its final location. This will allow the property time to move the existing boat dock and moored boats to a different location.
- Manufacturer shall install and assemble dock in the water.
- The dock shall be in place and useable by 60 days from date of contract signing.
- The new 5' head pier shall be mechanically fastened to the 5' existing head pier. Details of this connection shall be required in the Contractor's shop drawings, and subject to approval by the Engineer. A cover plate for this connection will be required.
- Maintain height, from top of water, of new Dock to that of existing Houseboat Dock as near as possible.
- Property to remove and dispose of existing boat dock.



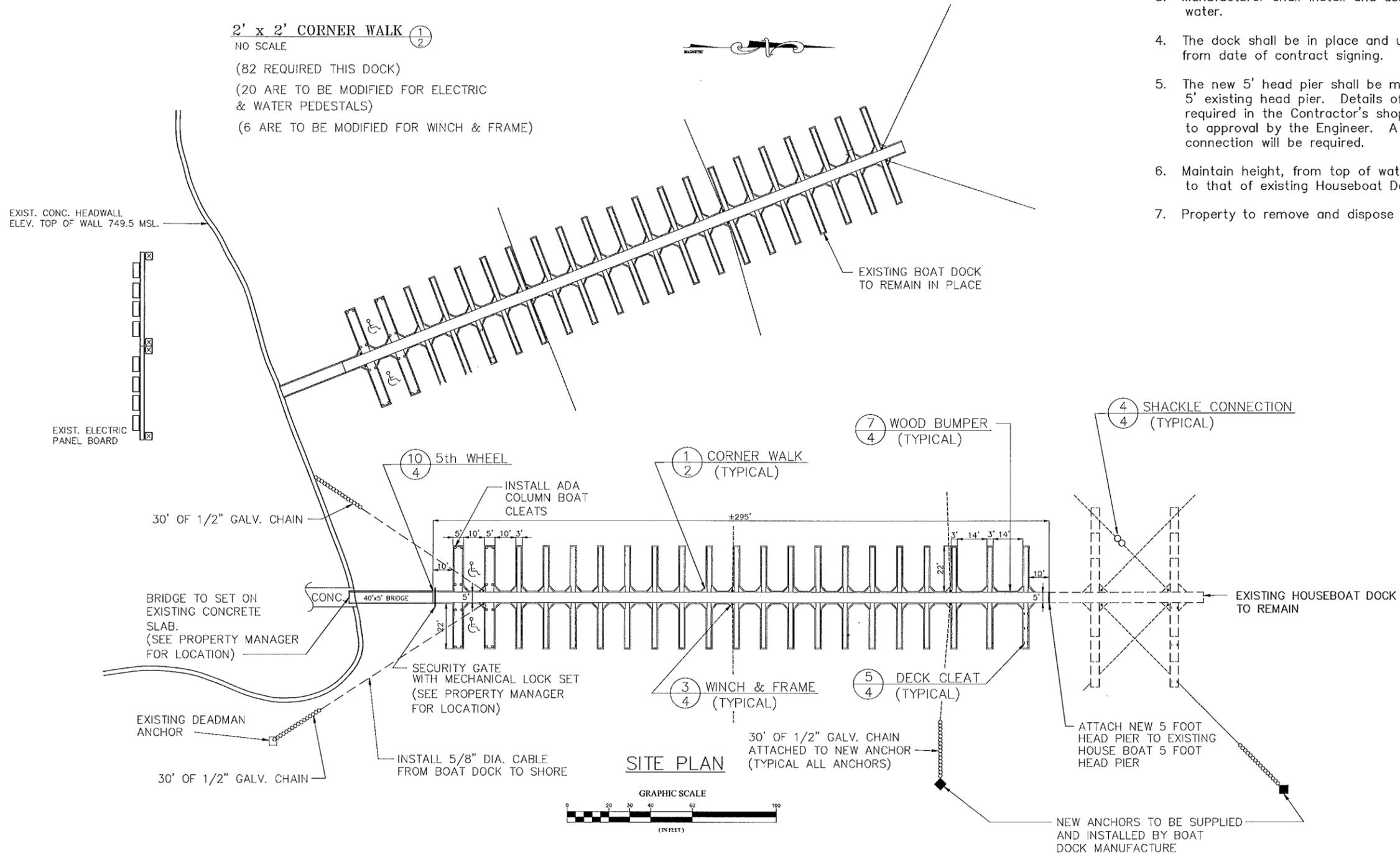
### 2' x 2' CORNER WALK (1/2)

NO SCALE

(82 REQUIRED THIS DOCK)

(20 ARE TO BE MODIFIED FOR ELECTRIC & WATER PEDESTALS)

(6 ARE TO BE MODIFIED FOR WINCH & FRAME)



Certified by:

SITEPLAN & DETAILS

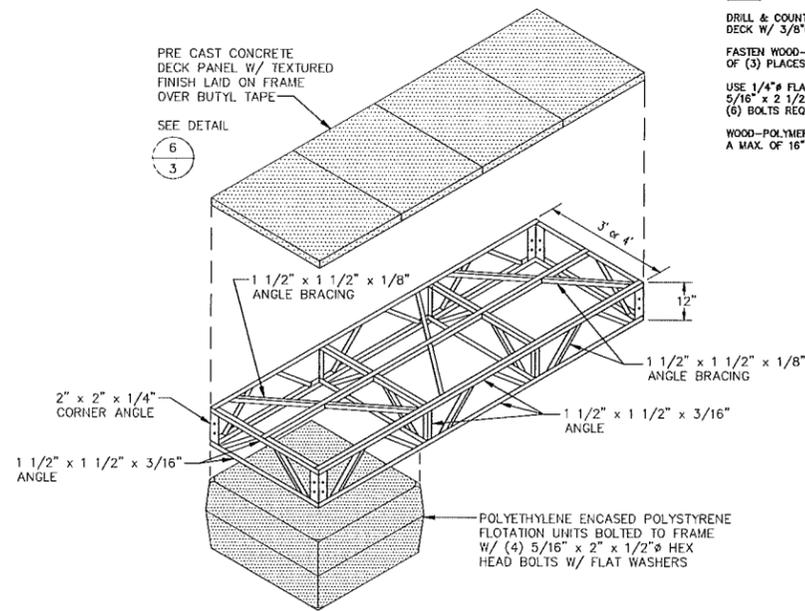
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 ROOM 1009 INDIANA GOVERNMENT CENTER SOUTH  
 400 SOUTH STATE STREET  
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Revisions:

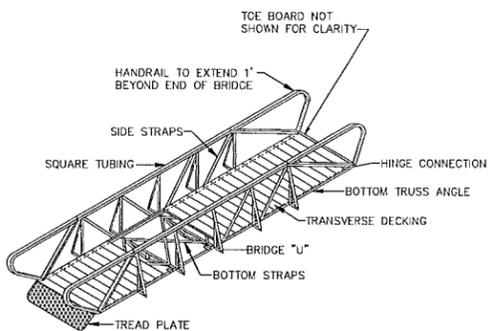
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 Drafter: Drawing Scale: AS NOTED  
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 Sheet: 2 of 7



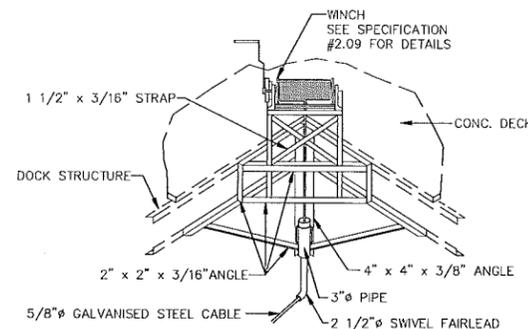
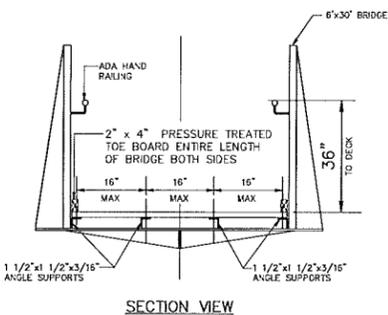


**TYPICAL DOCK SECTION** (1/4)

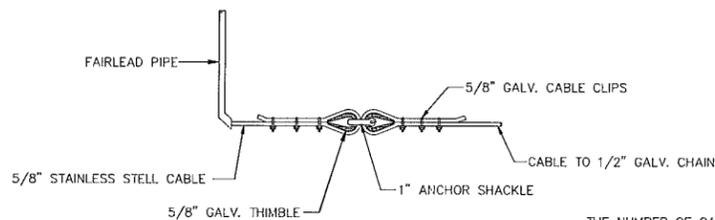
**NOTE**  
 DRILL & COUNTERSINK WOOD-POLYMER DECK W/ 3/8" HOLE.  
 FASTEN WOOD-POLYMER DECK A MIN. OF (3) PLACES.  
 USE 1/4" FLAT HEAD BOLTS 5/16" x 2 1/2" SELF-TAPING TORX SCREWS (6) BOLTS REQ'D. PER BOARD  
 WOOD-POLYMER DECKING TO BE SUPPORTED A MAX. OF 16" ON CENTER.



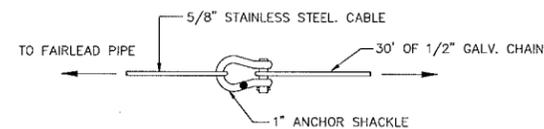
**TYPICAL BRIDGE** (2/4)



**WINCH & FRAME** (3/4)



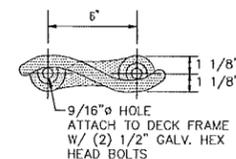
**SIDE VIEW**



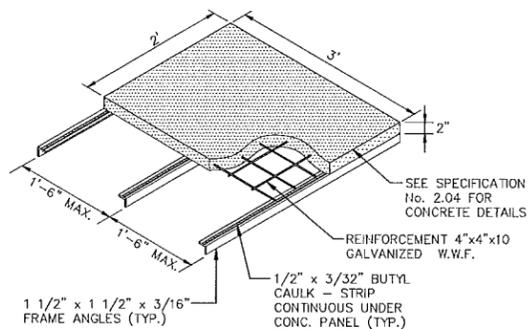
**TOP VIEW**

THE NUMBER OF CABLE CLIPS USED SHALL BE ADEQUATE TO SUPPORT THE FORCES EXERTED ON THE CABLE (3 CLIPS MINIMUM)

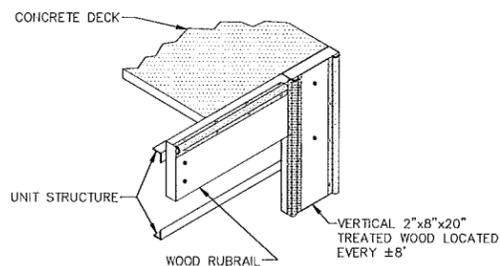
**SHACKLE CONNECTION** (4/4)  
 NO SCALE



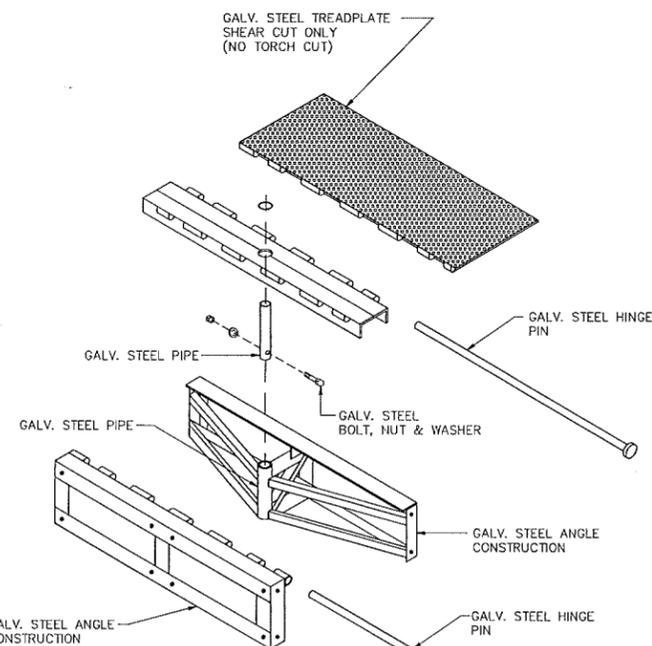
**10\"/>**



**CONCRETE DECK PANEL** (6/4)



**VERTICAL WOOD RUBRAIL W/ TWO VINYL BUMPERS** (7/4)

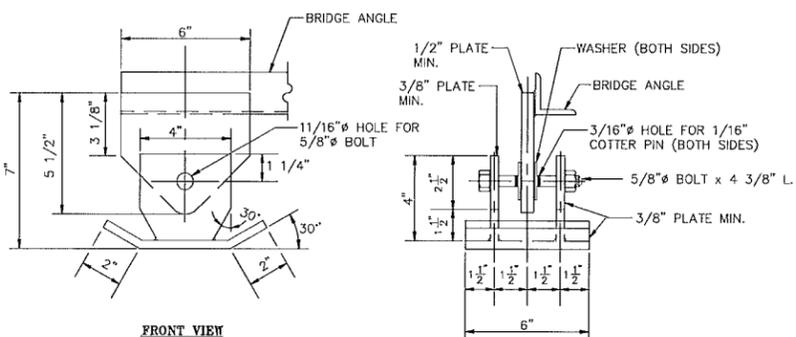


**ASSEMBLY**

**DESIGN CONCEPT ONLY**

**GENERAL**

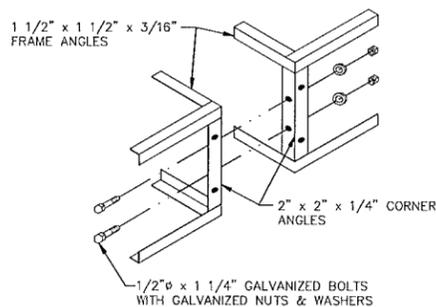
These details are standard details typical of the line of docks as manufactured by companies already engaged in the manufacture and fabrication of boat docks. These details represent design concepts deemed desirable by the Indiana Department of Natural Resources and design concepts acceptable to the Division of Engineering. The specific sizes and arrangement of structural members and framing systems shown may vary with different manufacturers. The structural suitability of these details or any detail from any Supplier is the express responsibility of the Supplier and shall be proven in accordance with the specifications.



**FRONT VIEW**

**END VIEW**

**SKID ASSEMBLY** (8/4)



**UNIT TO UNIT CONNECTION** (9/4)  
 (DECK NOT SHOWN FOR CLARITY)

**5th WHEEL** (10/4)

Certified by:

DDETAILS

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**FLOATING BOAT DOCK**  
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Sheet: 4 of 7

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