

RECORD OF REVISIONS

No.	DATE	DESCRIPTION:
0	7/16/18	DRAFT
1	8/15/18	FOR APPROVAL
2		

PROJECT NAME:
**PHILLIPS LANDING
BOAT RAMP**

CUSTOMER NAME:
DELAWARE DNREC

CUSTOMER ADDRESS:
89 KINGS HIGHWAY
DOVER, DE 19901

PROJECT LOCATION:
N/A

CMI ORDER NO.:
N/A

CUST. PO NO.:
N/A

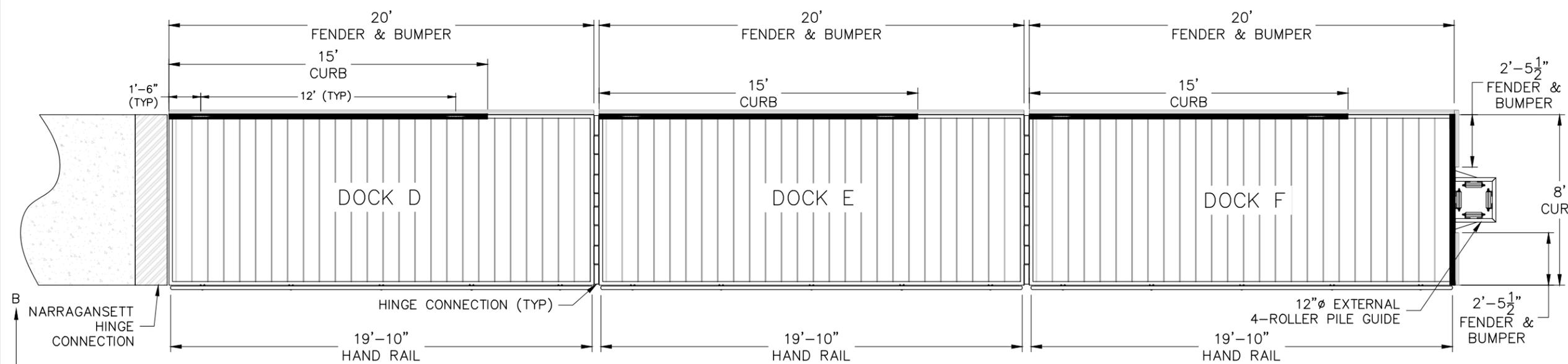
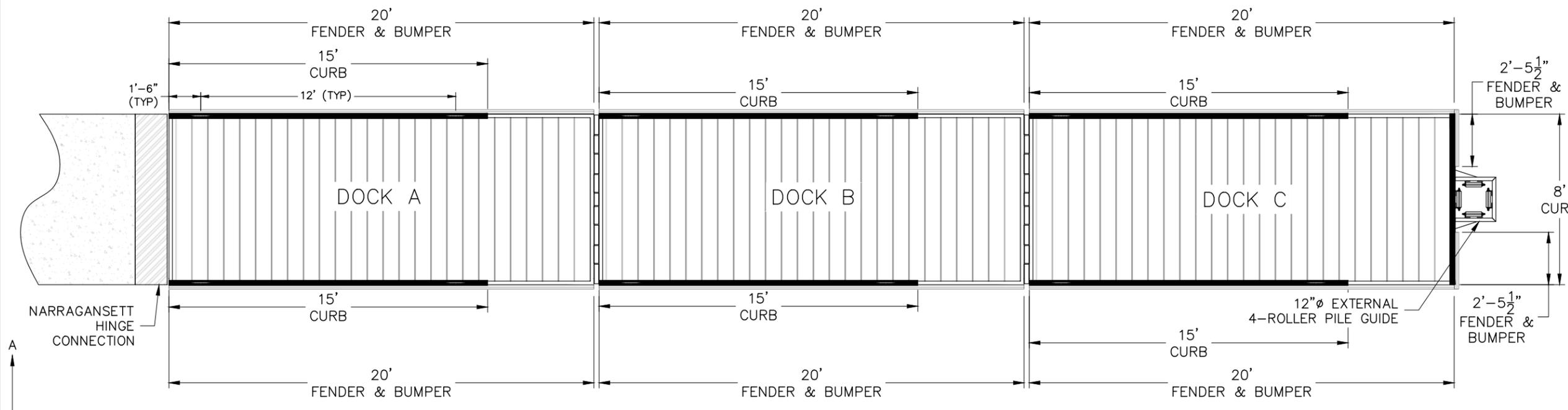
NAME	DATE
VRP	08/15/18
JN	07/16/18

DRAWING NO.:
S-101
OVERALL PLAN

SHEET: 1 of 11

Physical properties are defined by ASTM testing standards, The Aluminum Association Design Manual, and/or standard engineering practice. The values shown are nominal and may vary. The information found in this document is believed to be true and accurate. No warranties of any kind are made as to the suitability of any CMI product for particular applications or the results obtained there from. ShoreGuard, C-Loc, TimberGuard, GeoGuard, Dura Dock, Shore-All, and Gator Gates are registered trademarks of CMI Limited Co. ArmorWare, Ultra Composite, GatorDocks, and CMI Waterfront Solutions are trademarks of CMI Limited Co. United States and International numbers 5,145,287; 5,881,508; 6,000,883; 6,033,155; 6,053,666; D420,154; 4,674,921; 4,690,588; 5,292,208; 6,575,667; 7,059,807; 7,056,066; 7,025,539; 1,245,061; © Other patents pending. 2017 CMI Limited Co. All Rights Reserved.

CMI LIMITED CO.
1165 NORTHCHASE PARKWAY SE
SUITE 300 - MARIETTA, GA 30067
PHONE: 770-933-8166



OVERALL PLAN

SCALE: $\frac{3}{16}'' = 1'-0''$

NOTES:

- ALL STRUCTURAL ALUMINUM IS ALLOY 6061-T6, MILL FINISH.
- ALL JOINTS ARE FULLY WELDED UNLESS NOTED OTHERWISE. FILLER METAL TO BE 5356 SERIES WIRE.
- ALL HARDWARE IS STAINLESS STEEL, SERIES 304.
- ALL WOOD FENDERS TO BE S.Y.P. #1 PRESSURE TREATED TO 0.40 PCF ACQ MINIMUM OR EQUAL. ISOLATE WOOD FROM ALUMINUM WITH BITUMINOUS PAINT, CARBOLINE BIT 50 OR EQUAL.
- FLOATING DOCKS DESIGNED FOR AN 18"± UNLOADED FREEBOARD AND AN 8"± LOADED FREEBOARD UNDER A 40 PSF LIVE LOAD.
- HAND RAILING DESIGNED FOR 50 PLF LIVE LOAD OR 200# POINT LOAD.
- PILE GUIDE LOCATIONS ARE SUGGESTED FOR COMPATIBILITY WITH DOCK LAYOUT ONLY. PILE TYPE, SIZE, QTY, AND DESIGN BY OTHERS.
- DOCK DIMENSIONS SHOWN ARE NOMINAL FROM ALUMINUM TO ALUMINUM FRAME. FINAL FINISHED DIMENSIONS WILL VARY ACCORDING TO INSTALLED FENDERS & BUMPERS.

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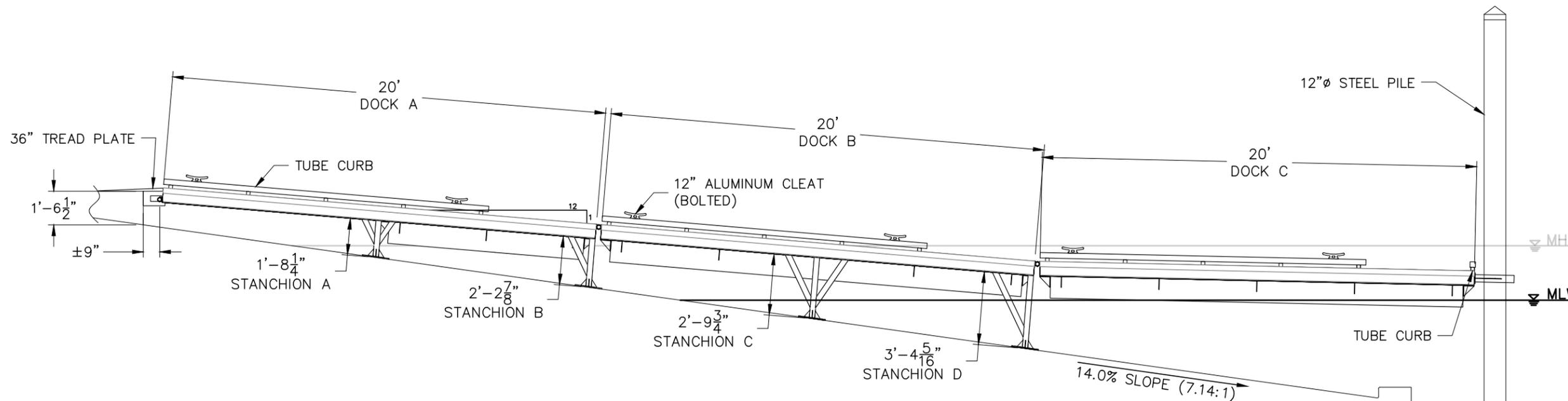
	NAME	DATE
DRAWN BY:	VRP	08/15/18
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DRAWING NO.:
S-102
OVERALL ELEVATION

SHEET: 2 of 11

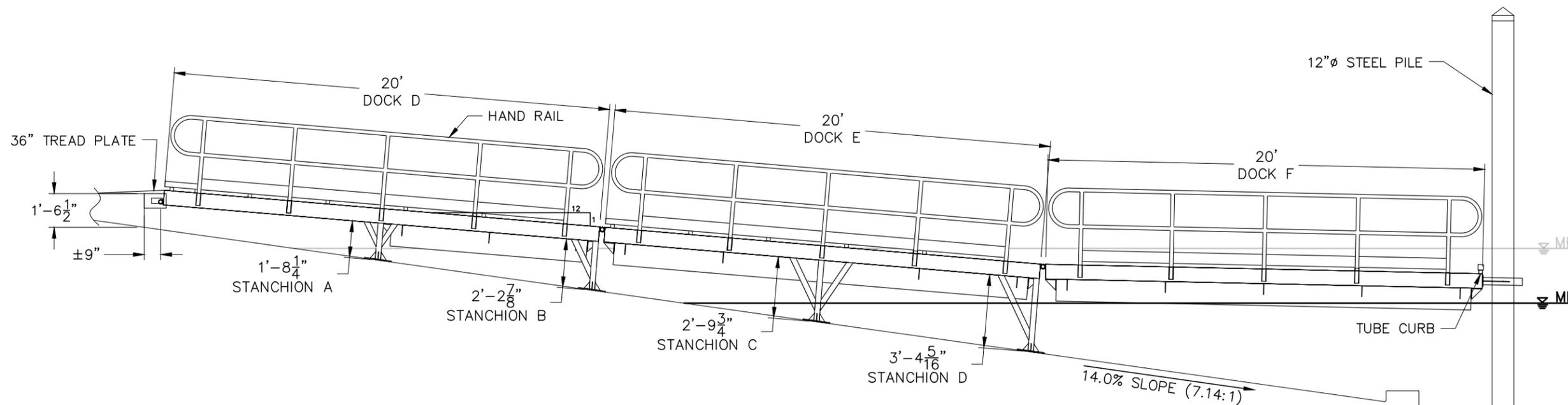
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SECTION A-A

SCALE: $\frac{3}{16}'' = 1'-0''$



SECTION B-B

SCALE: $\frac{3}{16}'' = 1'-0''$

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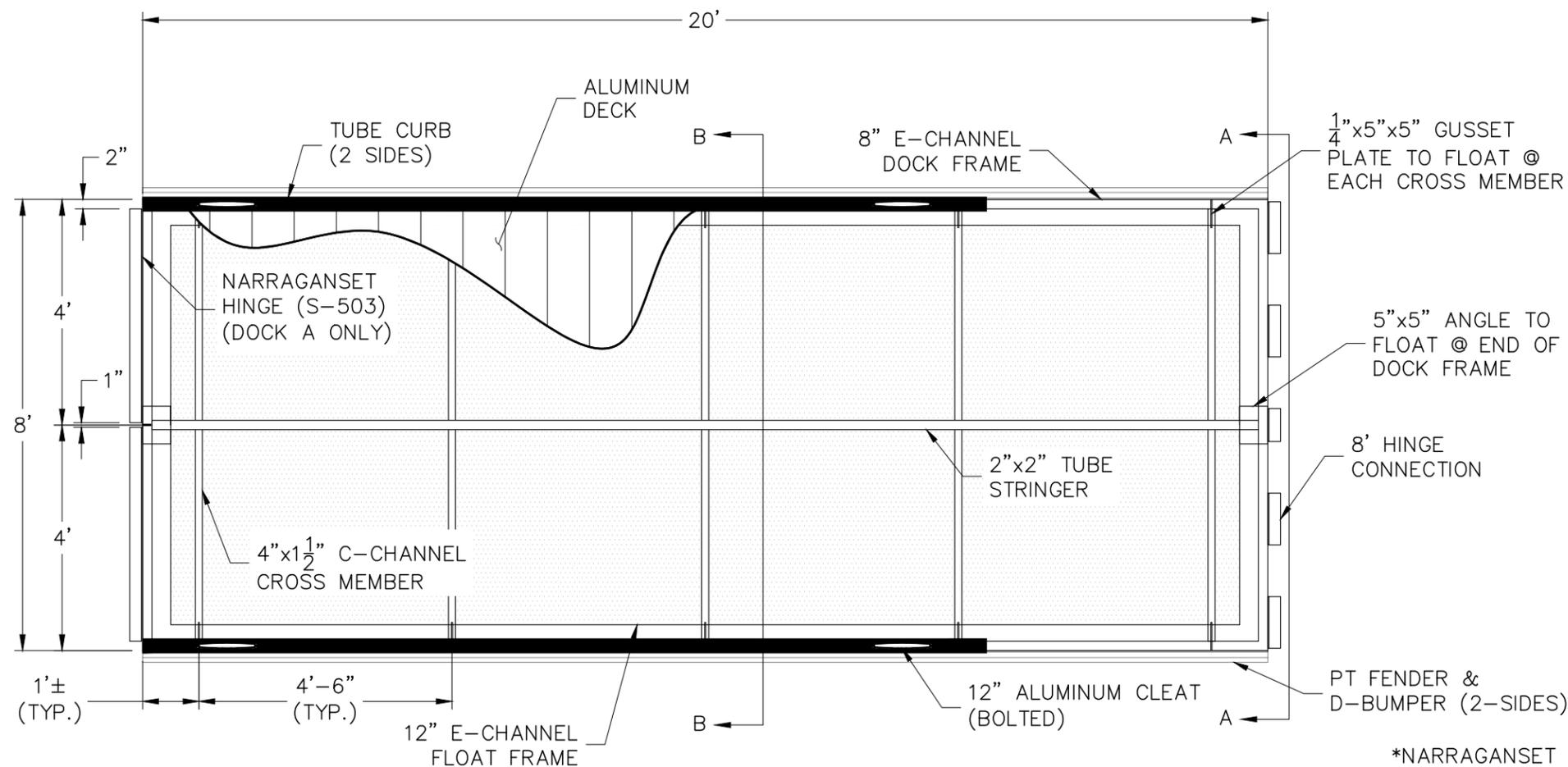
	NAME	DATE
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DRAWING NO.:
S-401 DOCK PLAN

SHEET: 4 of 11

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DOCK A & B PLAN
SCALE: 3/8"=1'-0"

*NARRAGANSET HINGE IS ONLY LOCATED ON DOCK A. DOCK B SHALL HAVE STANDARD HINGE CONNECTION IN REPLACEMENT.

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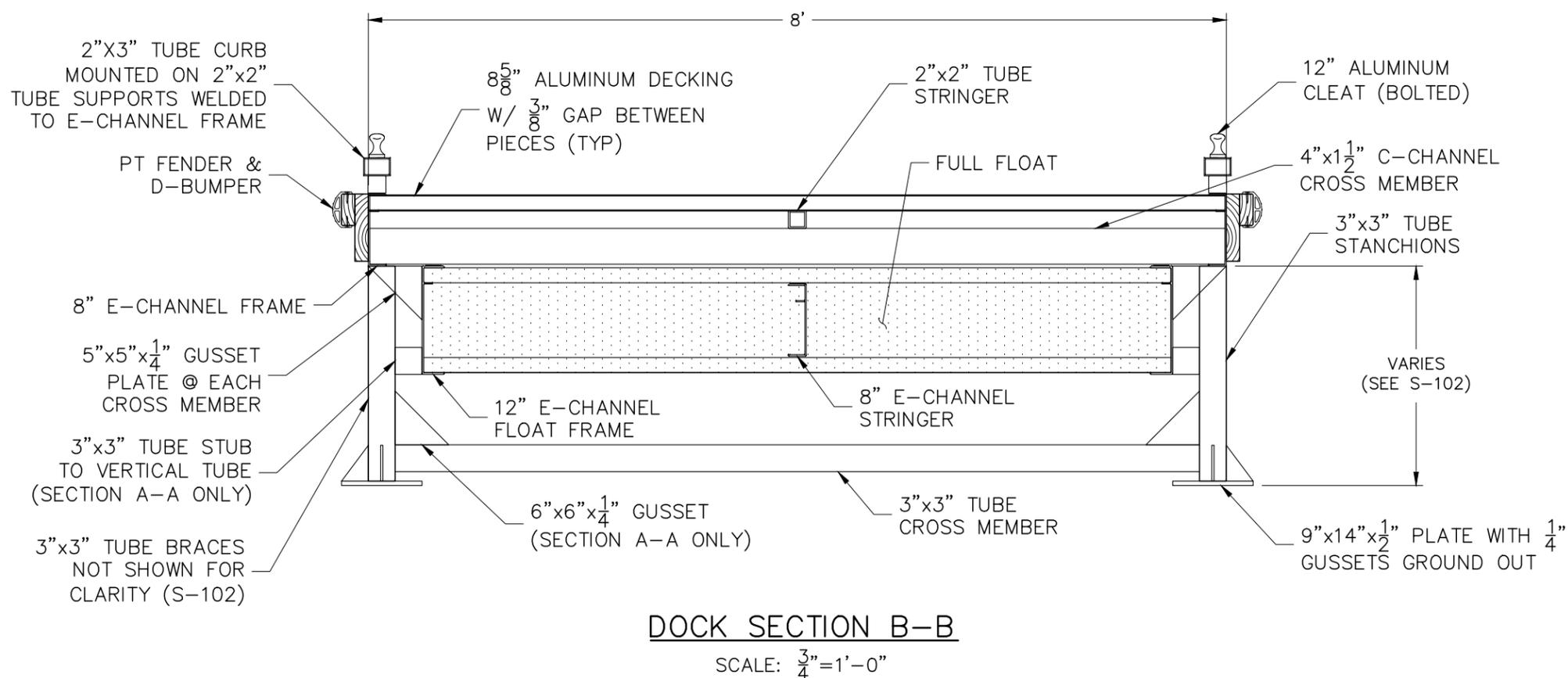
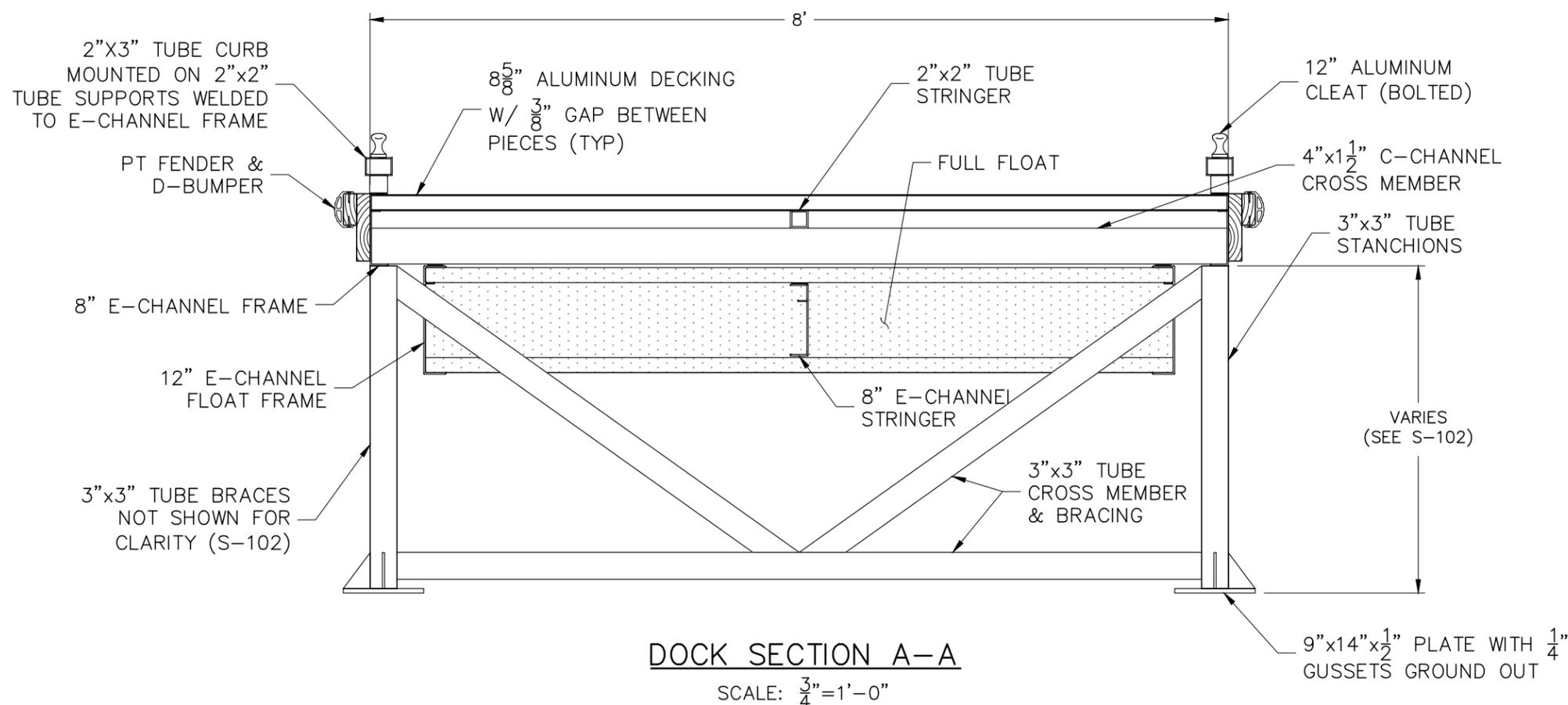
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DRAWN BY:	VRP	08/15/18
CHECKED BY:	JN	07/16/18

DRAWING NO.:
**S-402
DOCK SECTIONS**

SHEET: 5 of 11

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89 KINGS HIGHWAY
DOVER, DE 19901

PROJECT LOCATION:
N/A

CMI ORDER NO.:
N/A

CUST. PO NO.:
N/A

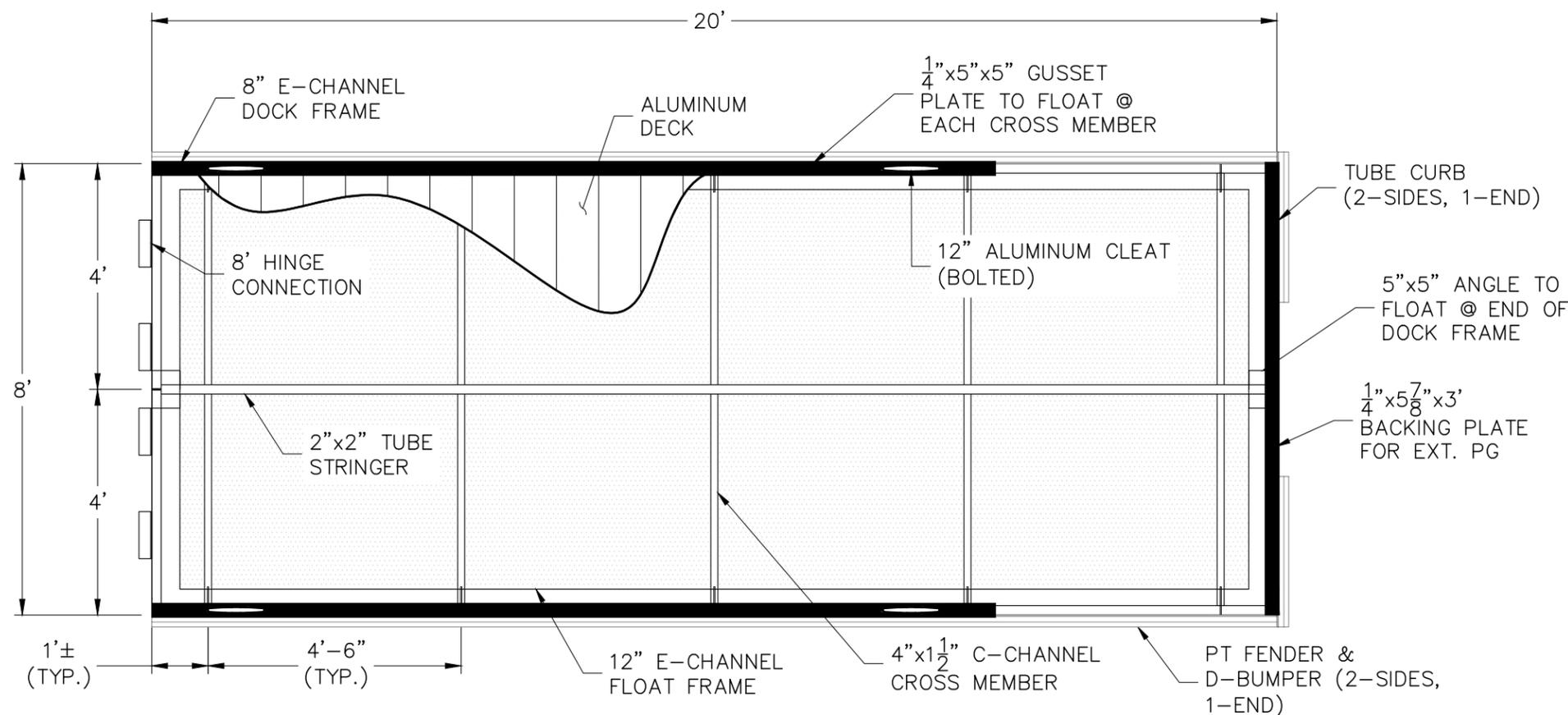
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DRAWN BY:	VRP	08/15/18
CHECKED BY:	JN	07/16/18

DRAWING NO.:
S-403
DOCK PLAN

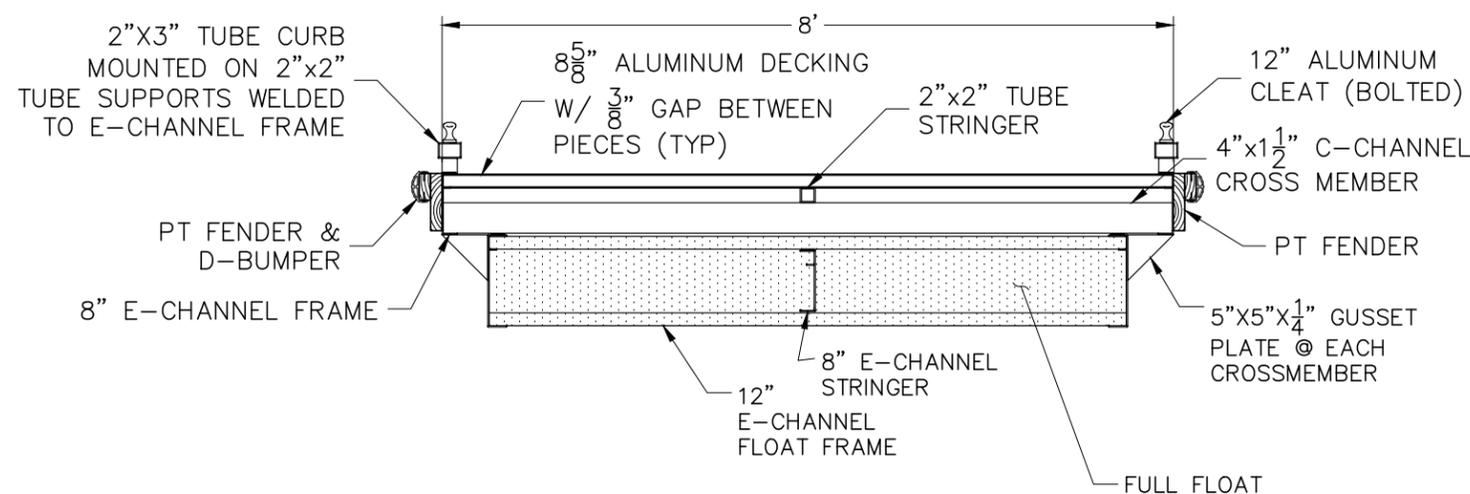
SHEET: 6 of 11

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DOCK C PLAN
SCALE: 3/8"=1'-0"



DOCK SECTION
SCALE: 1/2"=1'-0"

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89 KINGS HIGHWAY
DOVER, DE 19901

PROJECT LOCATION:
N/A

CMI ORDER NO.:
N/A

CUST. PO NO.:
N/A

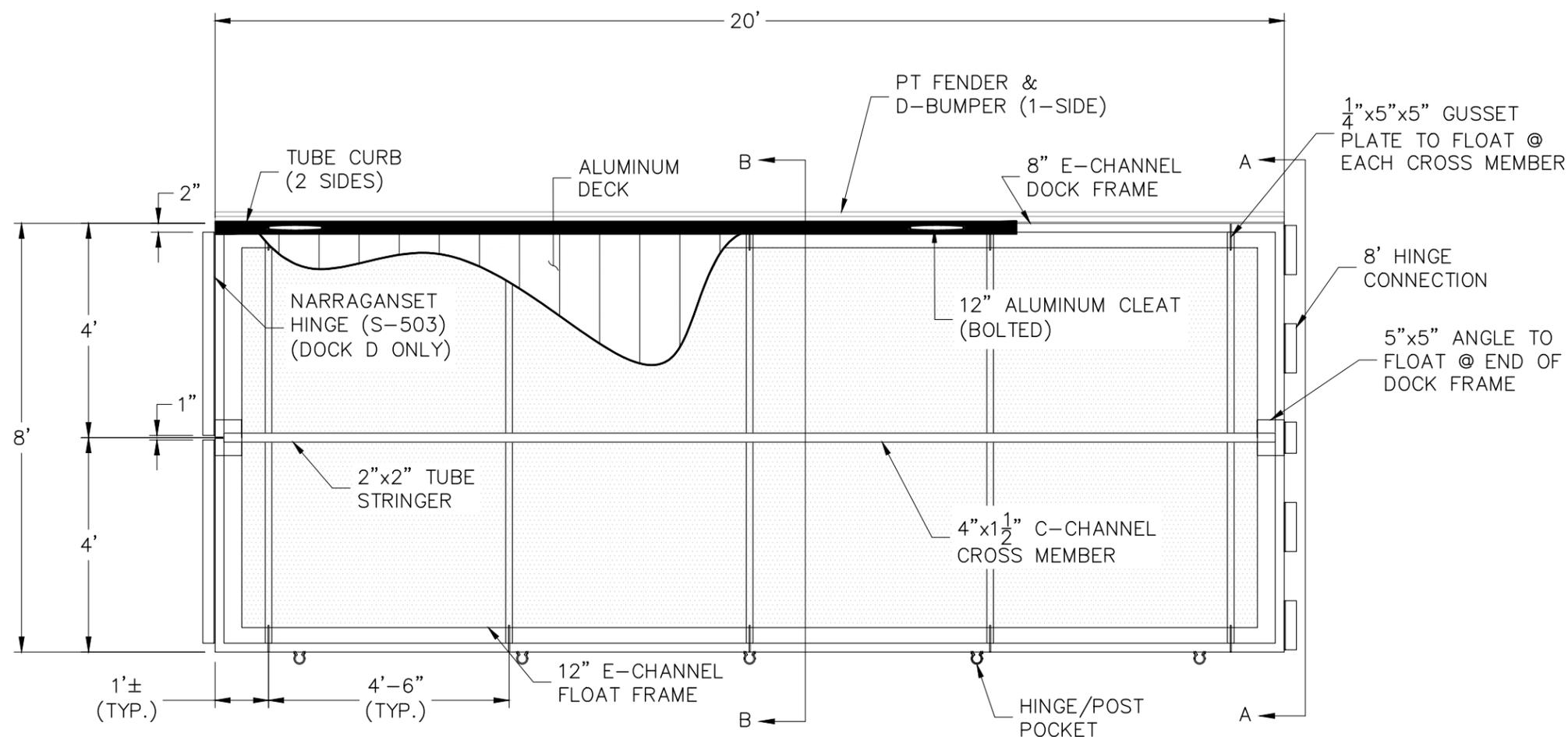
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DRAWING NO.:
S-404 DOCK PLAN

SHEET: 7 of 11

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PHONE: 770-933-8166



DOCK D & E PLAN
SCALE: 3/8"=1'-0"

*NARRAGANSET HINGE IS ONLY LOCATED ON DOCK D. DOCK E SHALL HAVE STANDARD HINGE CONNECTION IN REPLACEMENT.

RECORD OF REVISIONS

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PROJECT NAME:
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89 KINGS HIGHWAY
DOVER, DE 19901

PROJECT LOCATION:
N/A

CMI ORDER NO.:
N/A

CUST. PO NO.:
N/A

	NAME	DATE
DRAWN BY:	VRP	08/15/18
CHECKED BY:	JN	07/16/18

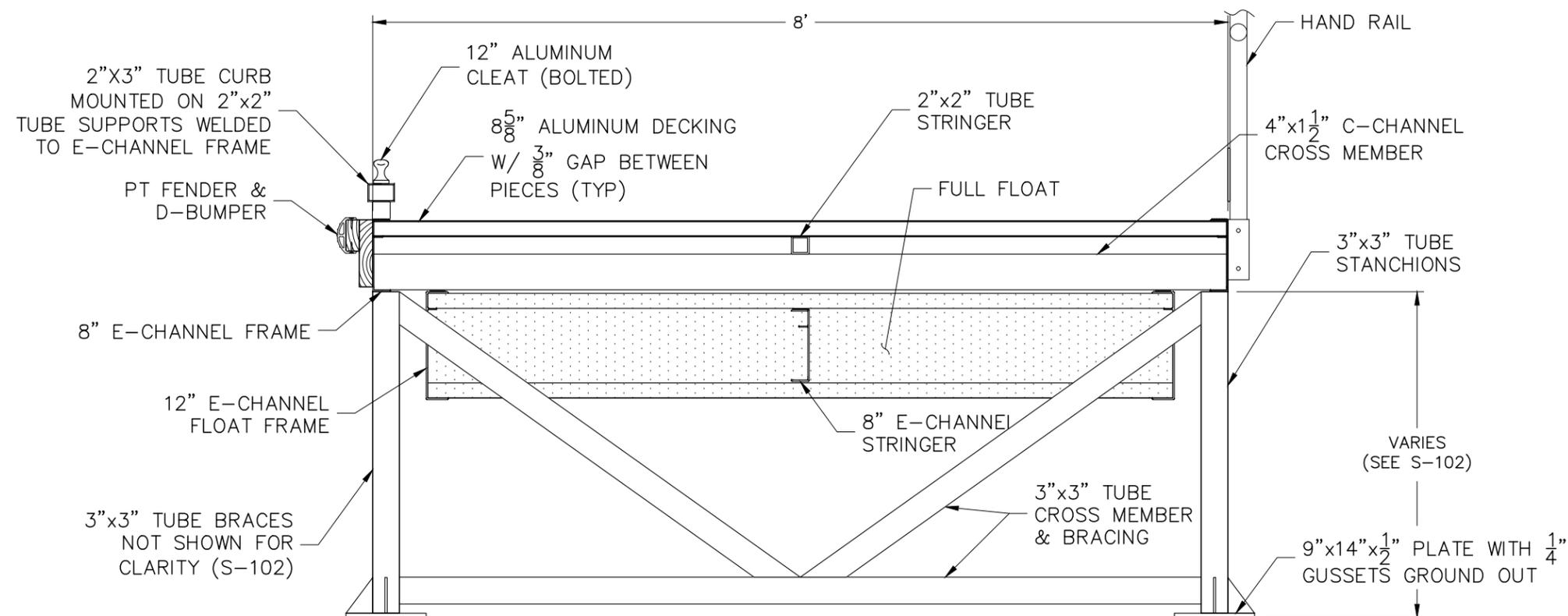
DRAWING NO.:
**S-405
DOCK PLAN**

SHEET: **8 of 11**

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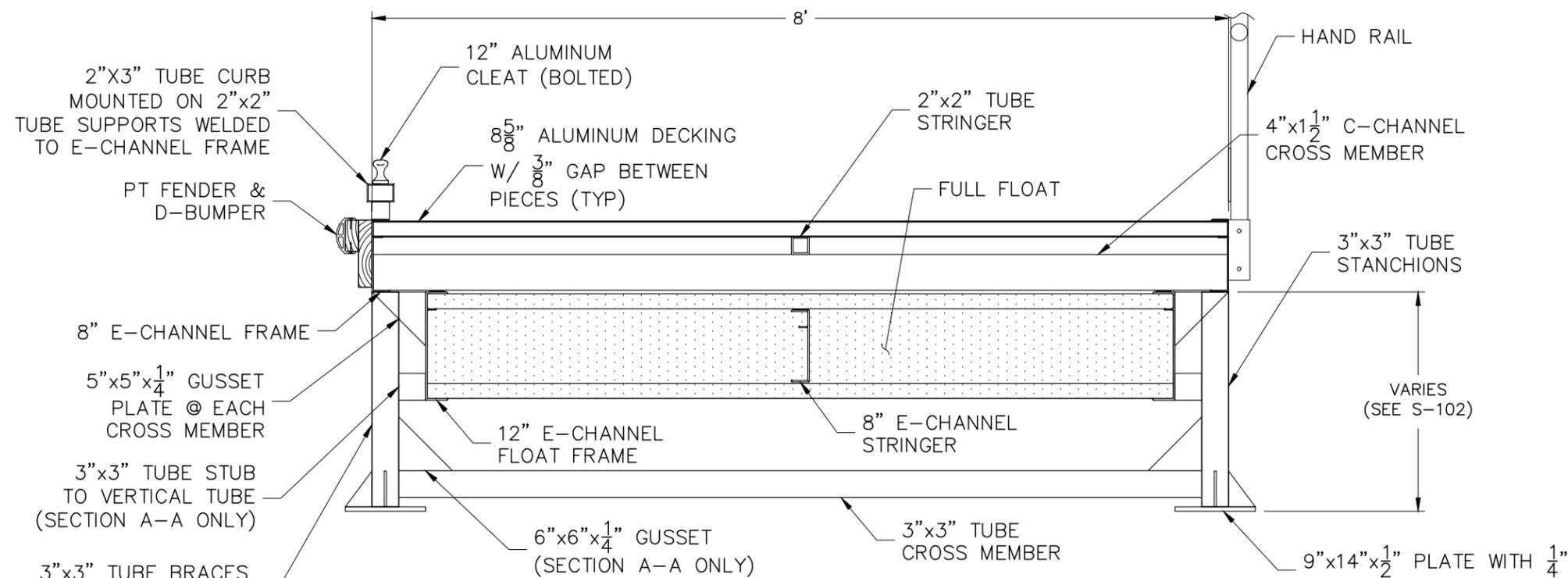
CMI LIMITED CO.
1165 NORTHCHASE PARKWAY SE
SUITE 300 - MARIETTA, GA 30067
PHONE: 770-933-8166

NOT FOR CONSTRUCTION



DOCK SECTION A-A

SCALE: $\frac{3}{4}$ "=1'-0"



DOCK SECTION B-B

SCALE: $\frac{3}{4}$ "=1'-0"

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0	7/16/18	DRAFT
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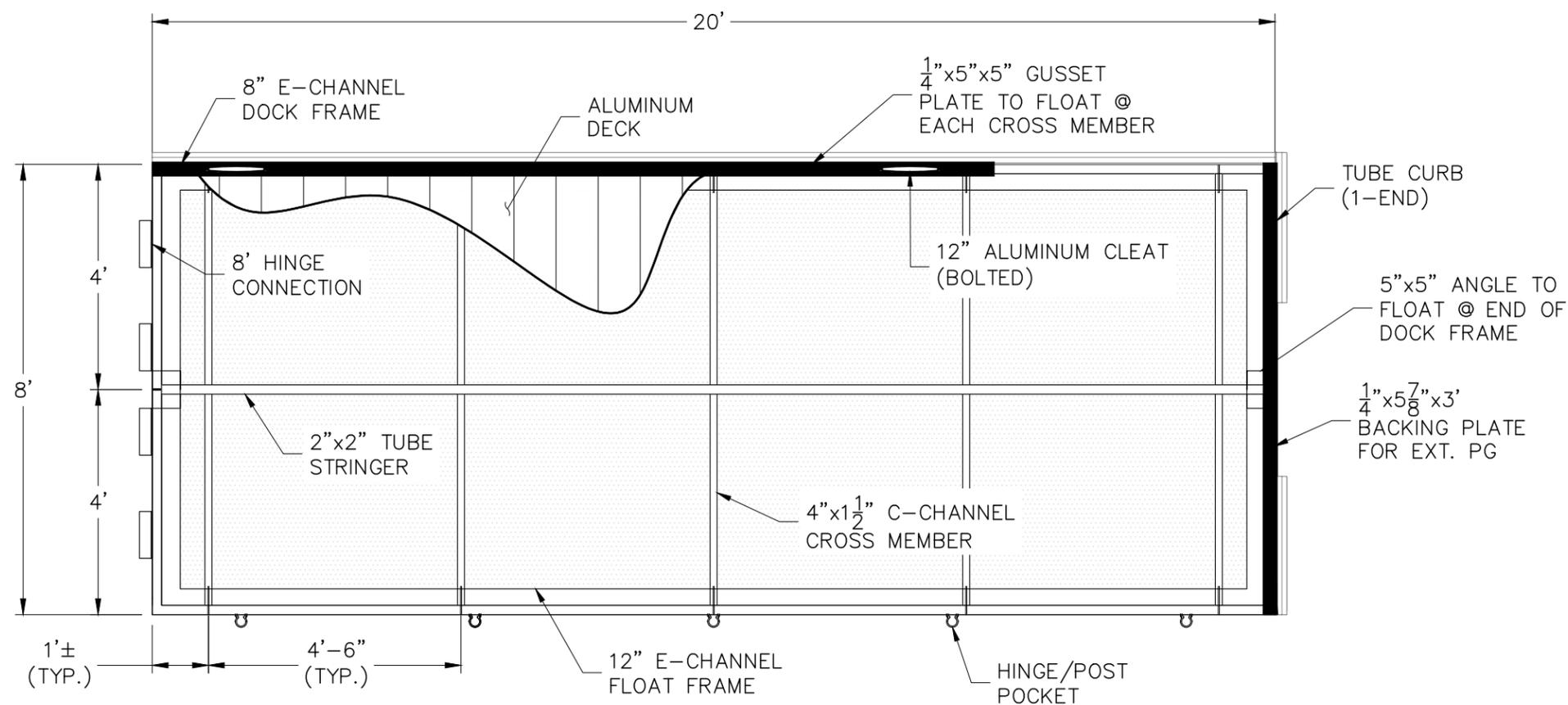
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CHECKED BY:	JN	07/16/18

DRAWING NO.:
S-406 DOCK PLAN

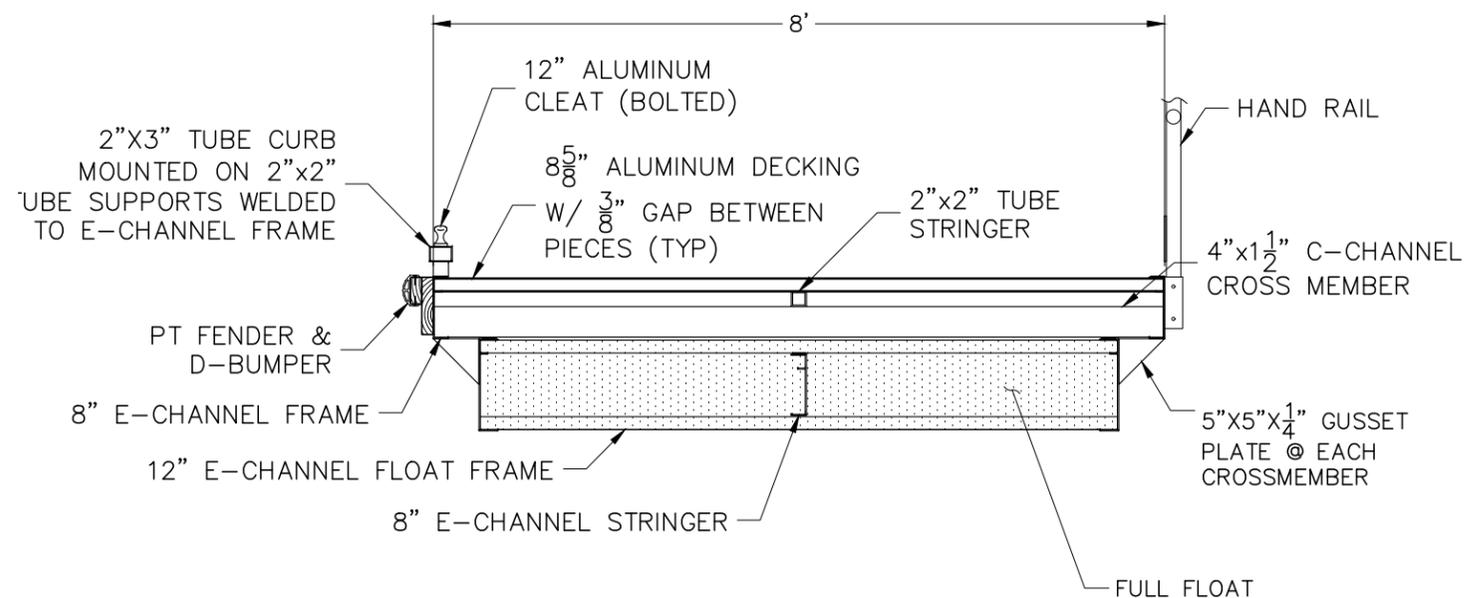
SHEET: **9 of 11**

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DOCK F PLAN
SCALE: 3/8"=1'-0"



DOCK SECTION
SCALE: 1/2"=1'-0"

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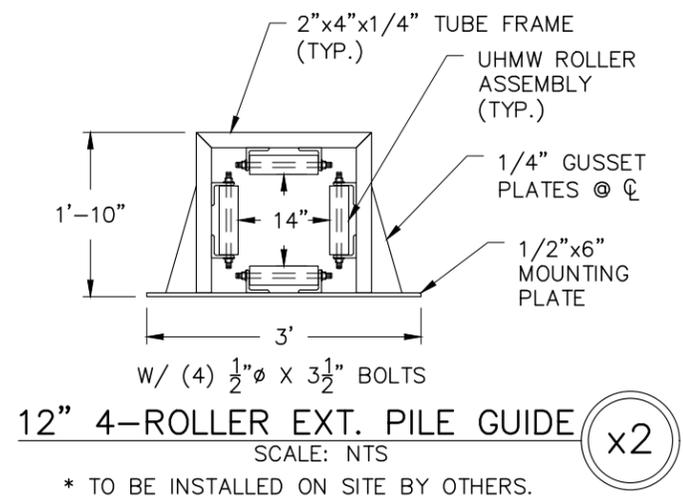
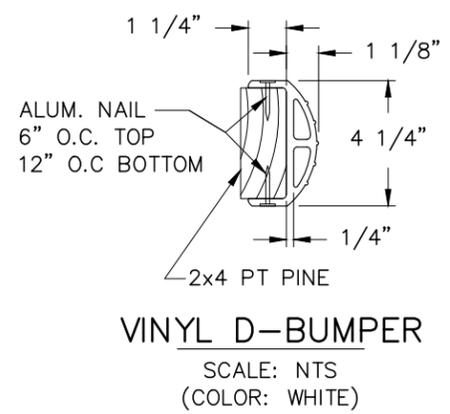
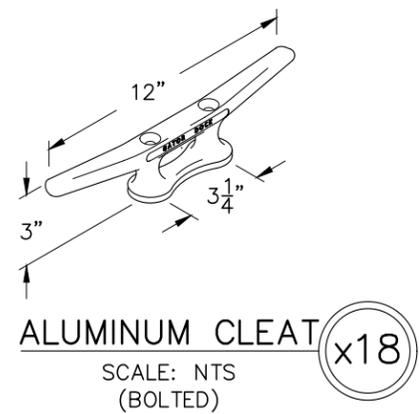
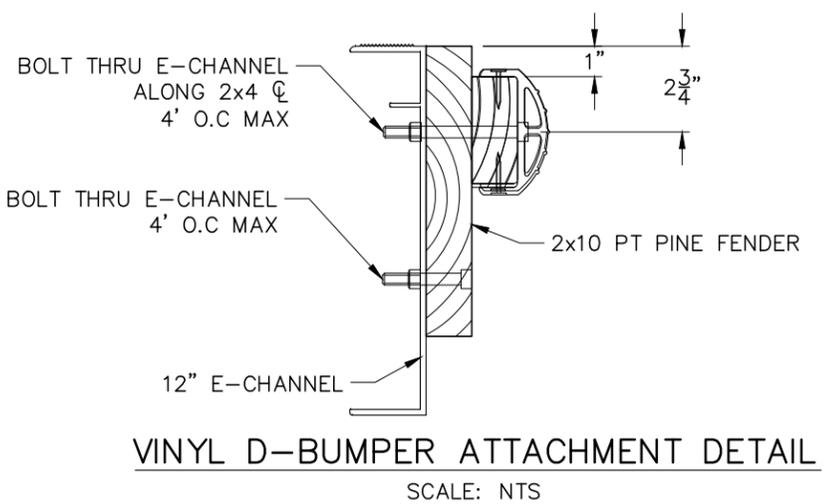
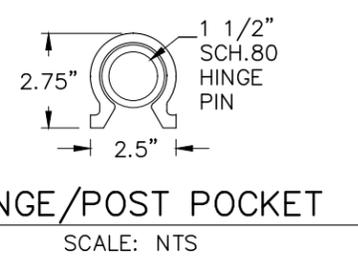
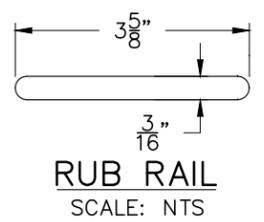
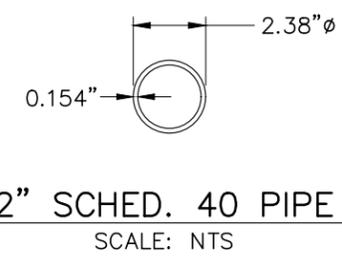
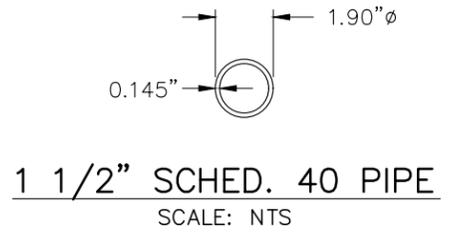
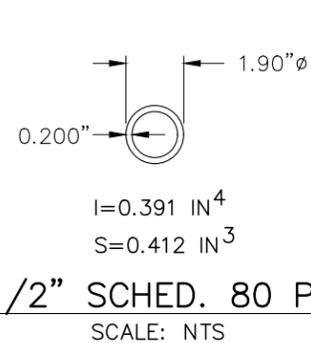
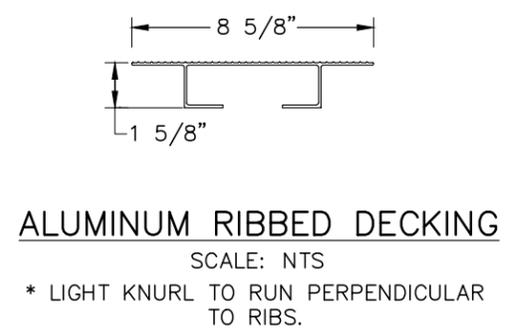
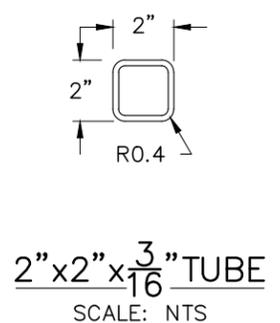
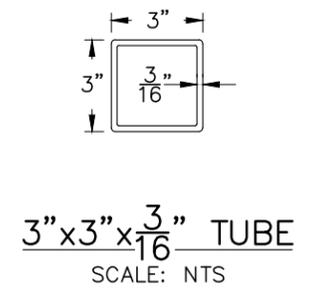
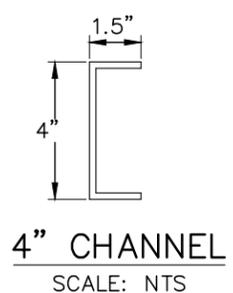
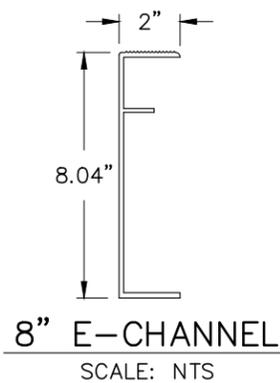
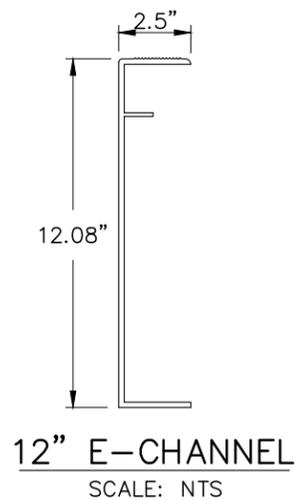
	NAME	DATE
DRAWN BY:	VRP	08/15/18
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DRAWING NO.:
S-501
COMPONENT DETAIL

SHEET: 10 of 11

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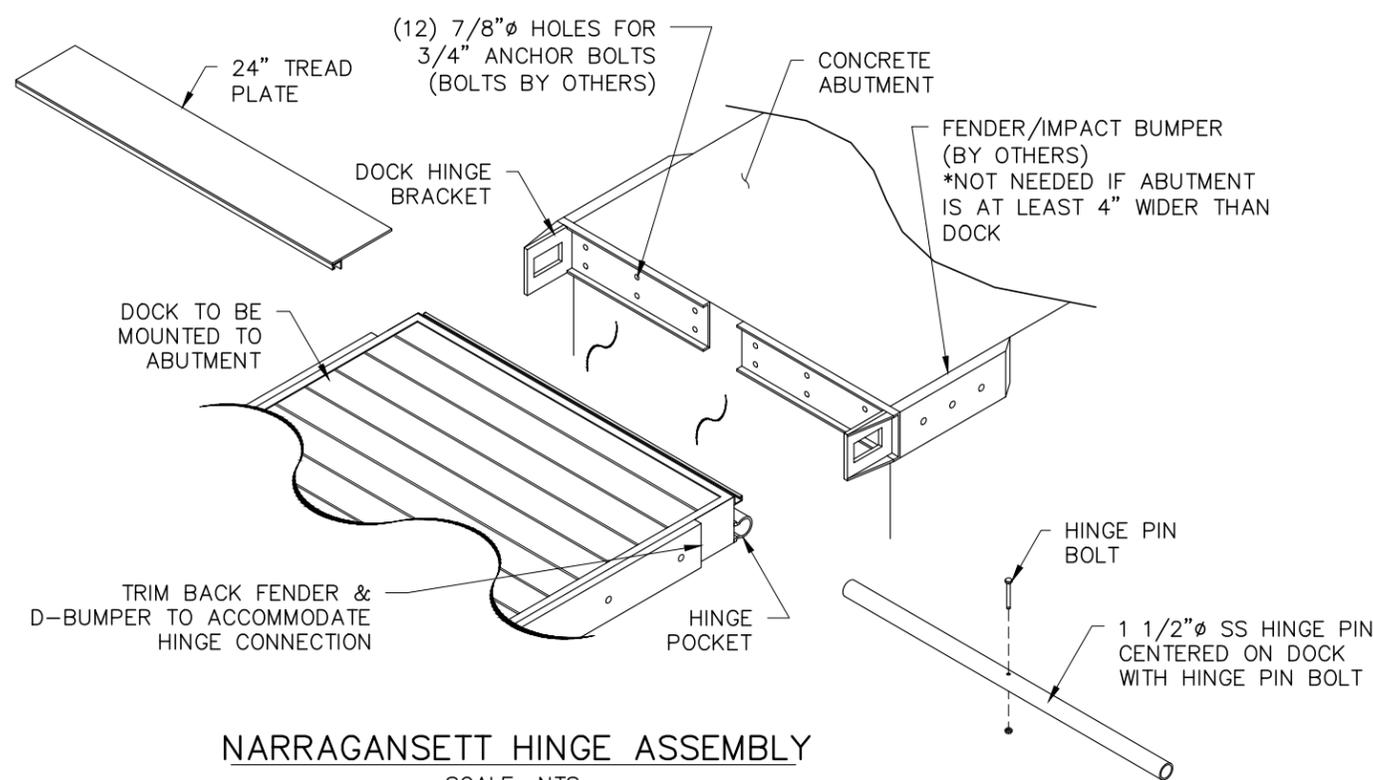
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N/A

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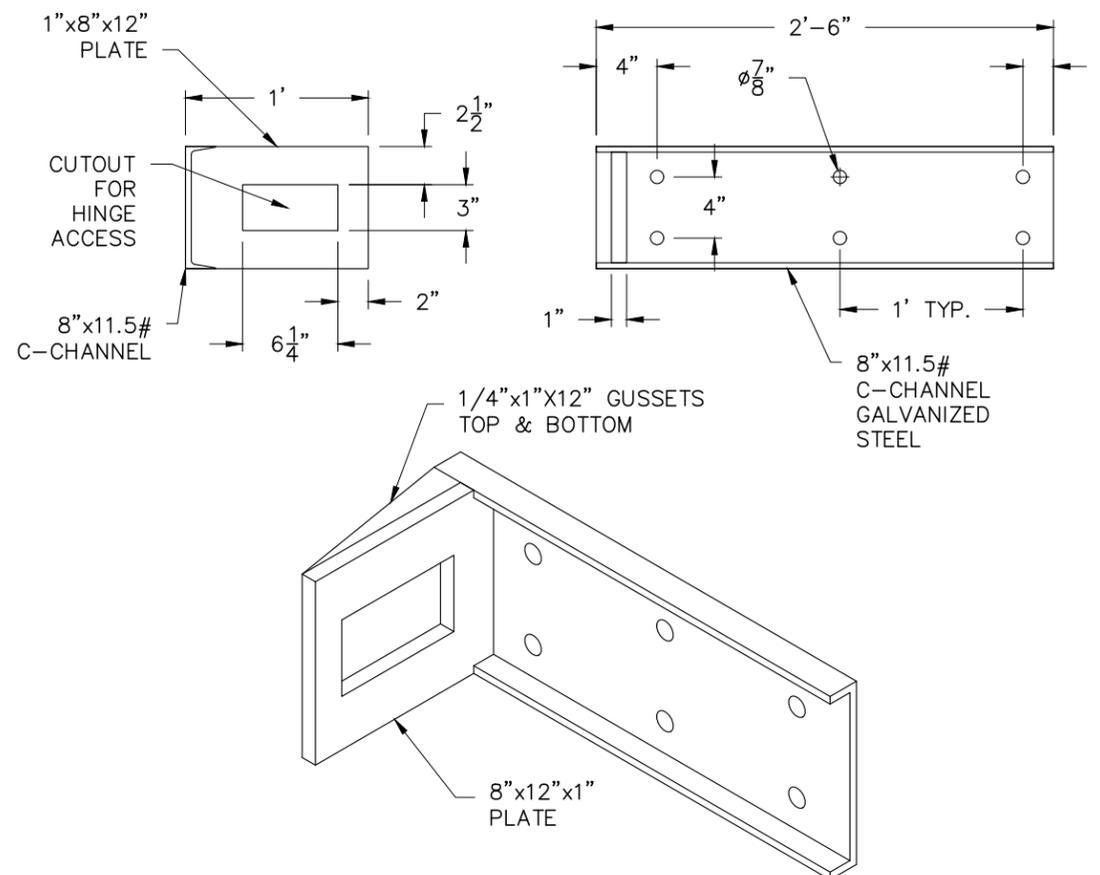
DRAWING NO.:
S-502
COMPONENT DETAIL

SHEET: 11 of 11
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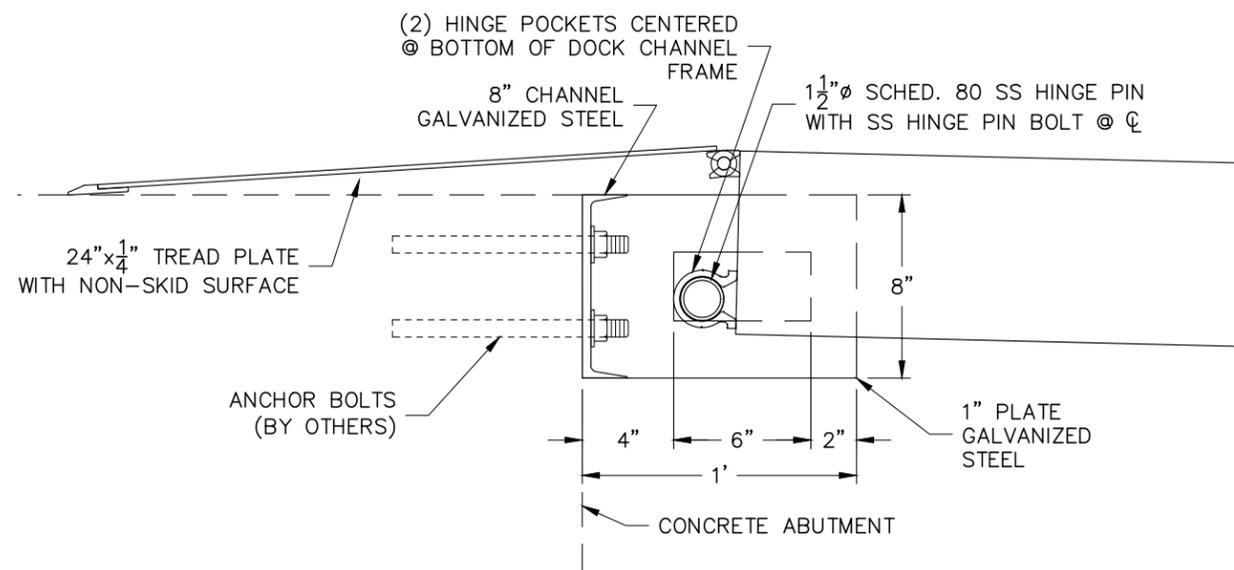
CMI LIMITED CO.
1165 NORTHCHASE PARKWAY SE
SUITE 300 - MARIETTA, GA 30067
PHONE: 770-933-8166



NARRAGANSETT HINGE ASSEMBLY
SCALE: NTS

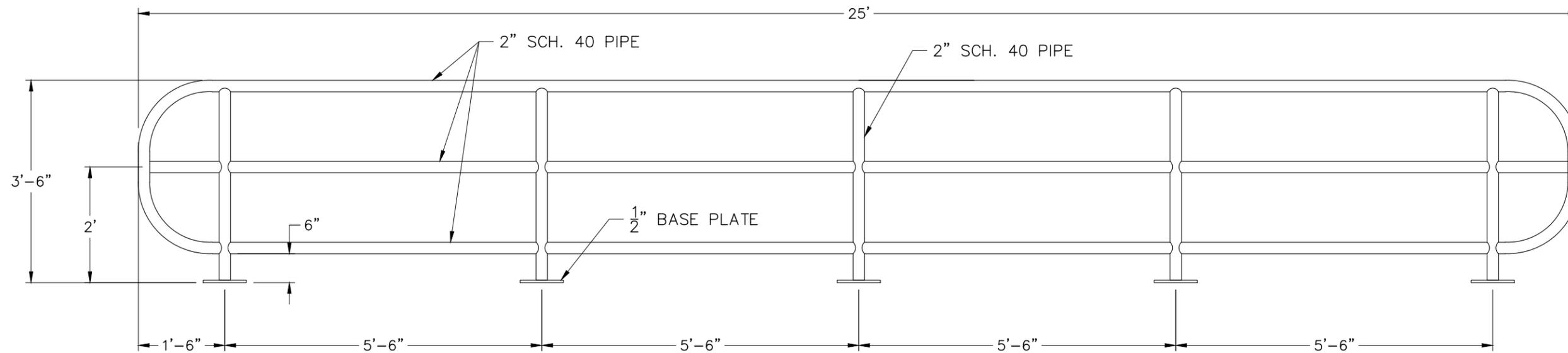


NARRAGANSETT HINGE DETAIL
SCALE: NTS

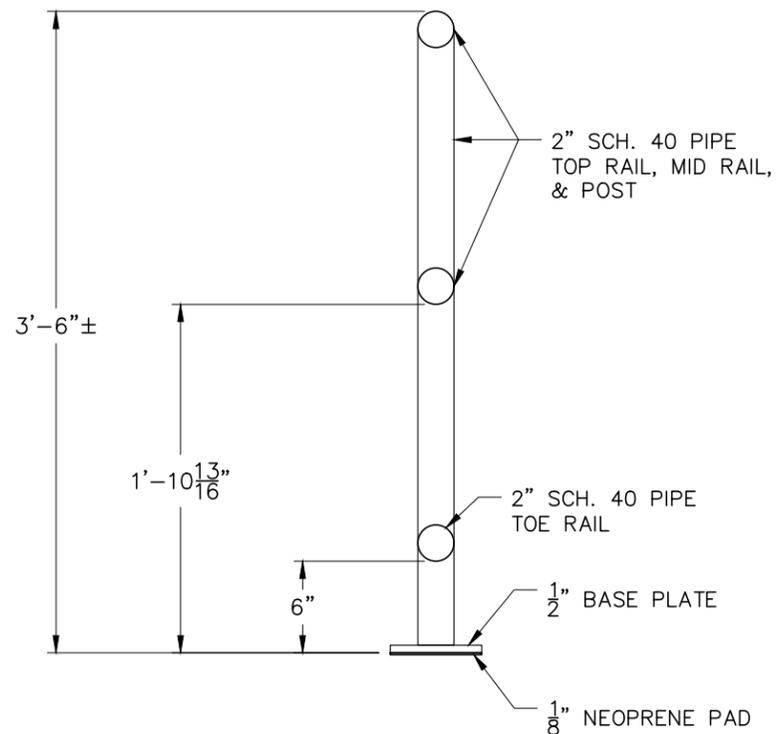


NARRAGANSETT HINGE ELEVATION
SCALE: 1 1/2"=1'-0"

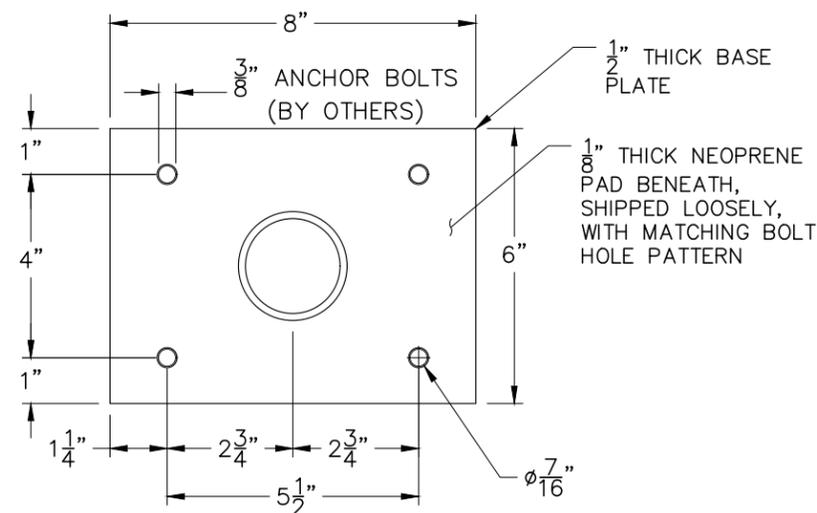
Handrail is for the Kayak Launch See Addendum 4



3-LINE RAIL ELEVATION (x1)
SCALE: 1/2"=1'-0"



TYP. SECTION
SCALE: 1"=1'-0"



BASE PLATE DETAIL
SCALE: 3"=1'-0"



2880 MELLONVILLE AVE, SANFORD, FL 32773
800/256-8857 407/323-0190

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RECORD OF REVISIONS

No.	DATE	DESCRIPTION:
0	7/16/18	DRAFT
1	8/15/18	FOR APPROVAL
2	8/23/18	FOR APPROVAL

PROJECT NAME:
**PHILLIPS LANDING
BOAT RAMP**

CUSTOMER NAME:
DELAWARE DNREC

CUSTOMER ADDRESS:
89 KINGS HIGHWAY
DOVER, DE 19901

PROJECT LOCATION:
N/A

CMI ORDER NO.:
N/A

CUST. PO NO.:
N/A

	NAME	DATE
DRAWN BY:	VRP	08/23/18
CHECKED BY:	JN	07/16/18

DRAWING NO.:
S-202
HAND RAIL DETAILS

SHEET: 4 of 12

Physical properties are defined by ASTM testing standards, The Aluminum Association Design Manual, and/or standard engineering practice. The values shown are nominal and may vary. The information found in this document is believed to be true and accurate. No warranties of any kind are made as to the suitability of any CMI product for particular applications or the results obtained there from. ShoreGuard, C-Loc, TimberGuard, GeoGuard, Dura Dock, Shore-All, and Gator Gates are registered trademarks of CMI Limited Co. ArmorWare, Ultra Composite, GatorDocks, and CMI Waterfront Solutions are trademarks of CMI Limited Co. United States and International numbers 5,145,287; 5,881,508; 6,000,883; 6,033,155; 6,053,666; D420,154; 4,674,921; 4,690,588; 5,292,208; 6,575,667; 7,059,807; 7,056,066; 7,025,539; 1,245,061; © Other patents pending. 2017 CMI Limited Co. All Rights Reserved.

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PHONE: 770-933-8166

NOT FOR CONSTRUCTION



GatorDock

Marine Access Solutions

SCOPE OF SUPPLIES

Project:

Phillips Landing Boat Ramp

List Created By:

Reese Patten

Date:

8/15/2018

Item	Description	Size	Quantity
FLOATING DOCK	Full Float, Aluminum Deck, PT Fender, D-Bumper, Tube Curb, Cleats, Stanchions, & Hinge Connection	8'X20'	6
HAND RAIL	Aluminum 2-Line Rail with 6" Toe Rail	19'-10" LF	3
NARRAGANSETT HINGE	-	8'	2
EXTERNAL PILE GUIDE	4-Roller	12"Ø Pile	2

Gator Dock will also supply the handrail for the kayak launch