

RECORD OF REVISIONS		
No.	DATE	DESCRIPTION:
1	6/22/18	DRAFT
2	6/25/18	DRAFT
3	2/5/19	DRAFT

PROJECT NAME:

**MILLSBORO
BOAT RAMP**

CUSTOMER NAME:

DELAWARE DNREC

CUSTOMER ADDRESS:

89 KINGS HIGHWAY
DOVER, DE 19901

PROJECT LOCATION:

GRAVEL HILL ROAD
MILLSBORO, DE 19966

CMI ORDER NO.:

N/A

CUST. PO NO.:

N/A

	NAME	DATE
DRAWN BY:	VRP	07/5/19
CHECKED BY:	JN	07/5/19

DRAWING NO.:

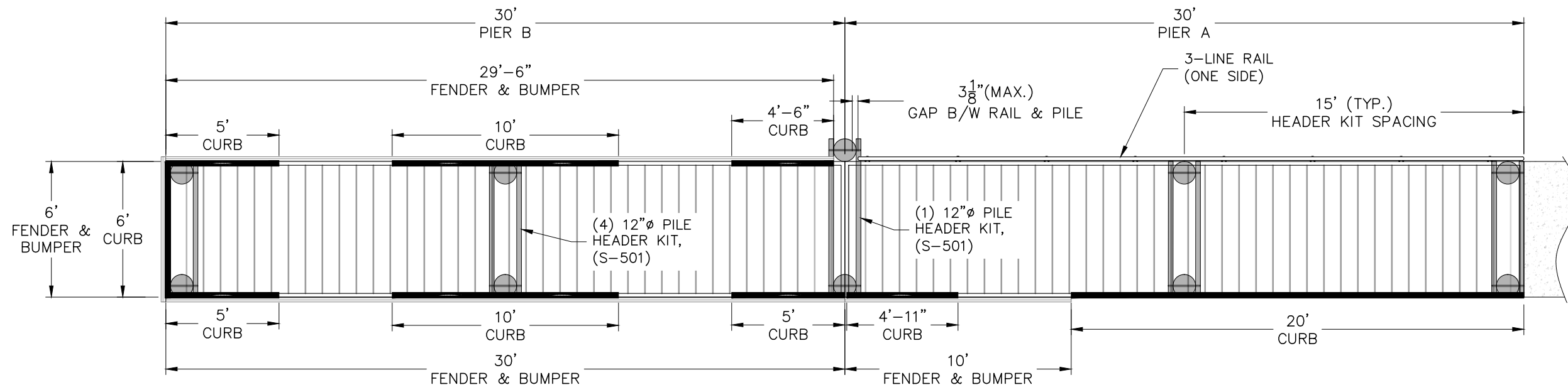
S-101
OVERALL PLAN

SHEET: 1 of 5

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.

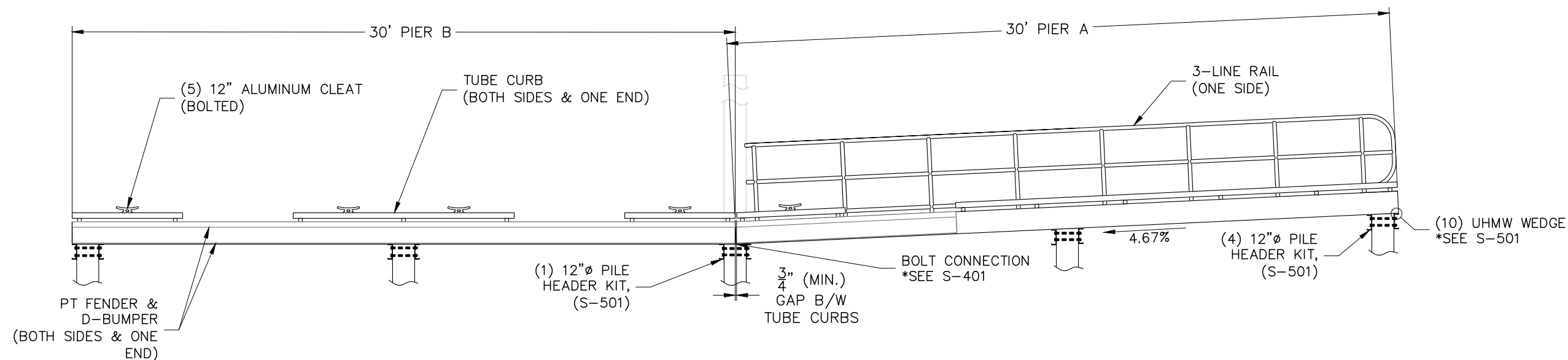
CMI LIMITED CO.
1165 NORTHCHASE PARKWAY SE
SUITE 300 - MARIETTA, GA 30067
PHONE: 770-933-8166

NOT FOR CONSTRUCTION



OVERALL PLAN

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

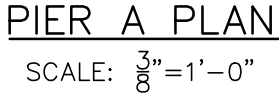


OVERALL ELEVATION

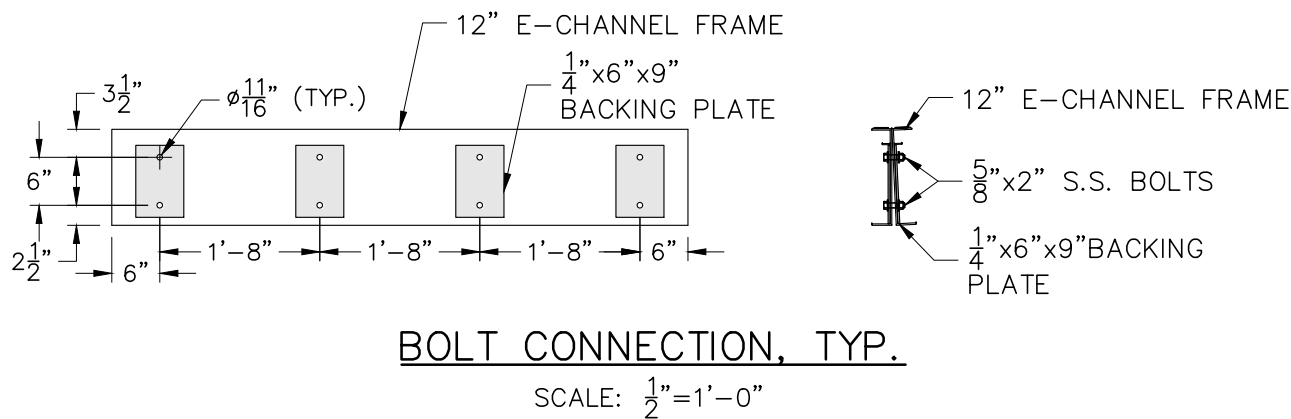
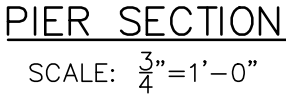
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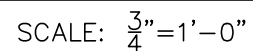
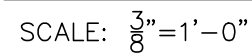
NOTES:

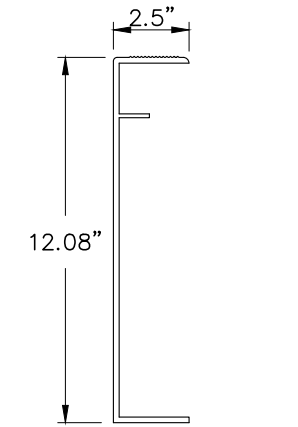
- ALL STRUCTURAL ALUMINUM IS ALLOY 6061-T6, MILL FINISH.
- ALL JOINTS ARE FULLY WELDED UNLESS NOTED OTHERWISE. FILLER METAL TO BE 5356 SERIES WIRE.
- ALL HARDWARE IS STAINLESS STEEL, SERIES 304.
- ALL WOOD FENDERS TO BE S.Y.P. #1 PRESSURE TREATED TO 0.40 PCF ACQ MINIMUM OR EQUAL. ISOLATE WOOD FROM ALUMINUM WITH BITUMINOUS PAINT, CARBOLINE BIT 50 OR EQUAL.
- PIERS DESIGNED FOR 100 PSF LIVE LOAD, L/180 DEFLECTION.
- HAND RAILING DESIGNED FOR 50 PLF LIVE LOAD OR 200# POINT LOAD.
- PIER DIMENSIONS SHOWN ARE NOMINAL FROM ALUMINUM TO ALUMINUM FRAME. FINAL FINISHED DIMENSIONS WILL VARY ACCORDING TO INSTALLED FENDERS & BUMPER.



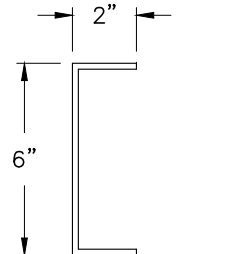
*CONFIRM WITH RAIL SHOP PRIOR
TO INSTALLING POST POCKETS



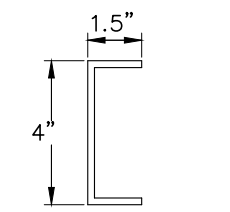




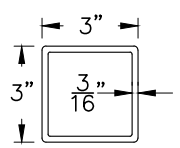
12" E-CHANNEL
SCALE: NTS



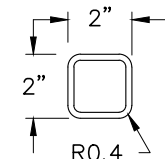
6" CHANNEL
SCALE: NTS



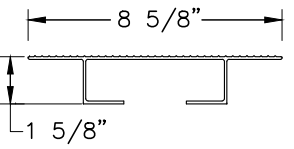
4" CHANNEL
SCALE: NTS



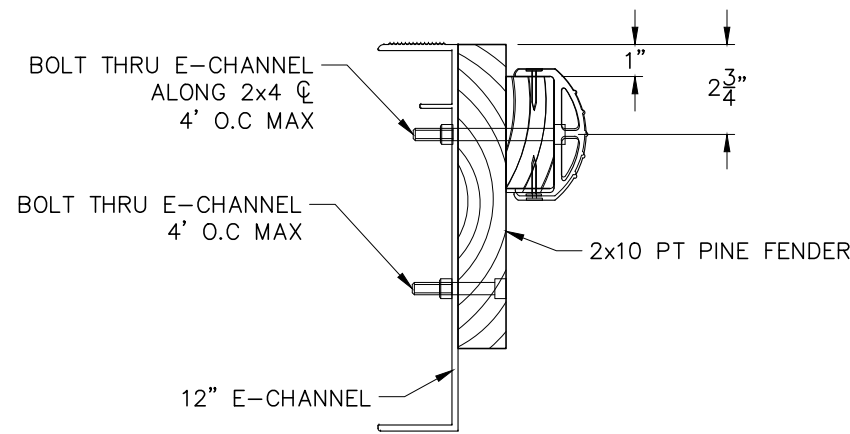
3"x3"x $\frac{3}{16}$ " TUBE
SCALE: NTS



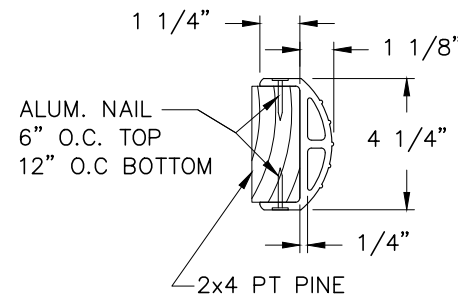
2"x2"x $\frac{3}{16}$ " TUBE
SCALE: NTS



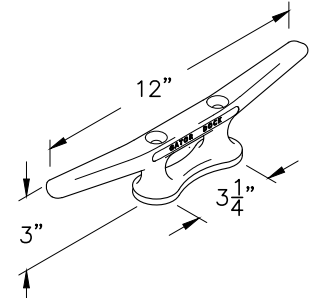
ALUMINUM RIBBED DECKING
SCALE: NTS
* LIGHT KNURL TO RUN PERPENDICULAR TO RIBS.



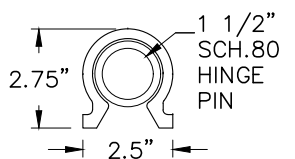
VINYL D-BUMPER ATTACHMENT DETAIL
SCALE: NTS



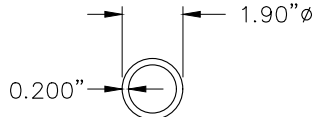
VINYL D-BUMPER
SCALE: NTS
(COLOR: WHITE)



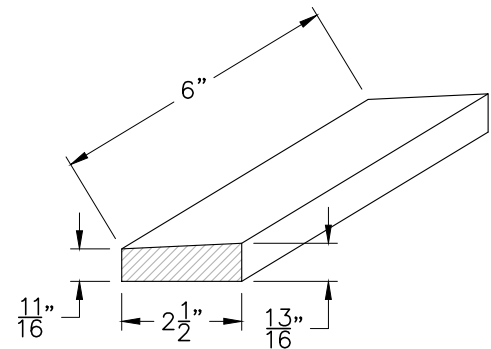
ALUMINUM CLEAT x5
SCALE: NTS
(BOLTED)



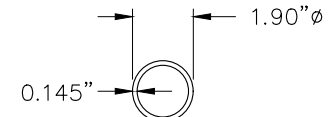
HINGE/HANDRAIL POCKET
SCALE: NTS



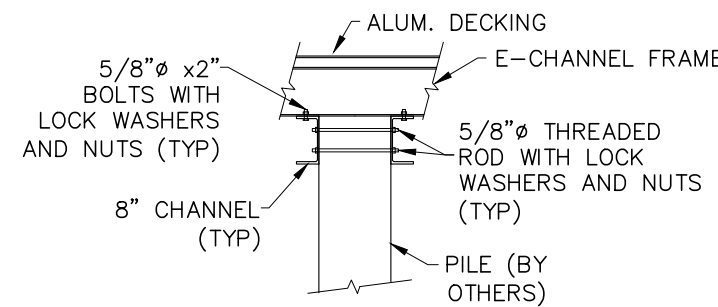
1 1/2" SCHED. 80 PIPE
SCALE: NTS



UHMW WEDGE FOR ANGLED HEADER KIT x10
SCALE: 3"=1'-0"




1 1/2" SCHED. 40 PIPE
SCALE: NTS



HEADER KIT x5
SCALE: NTS

*ALUMINUM CHANNELS COATED WITH ISOLATING MATERIAL – BITUMINOUS PAINT.

*PROVIDE ADDITIONAL 1 FT. IN LENGTH PER 8" C-CHANNEL.
C-CHANNEL QUANTITIES & FINAL LENGTHS:
(x8) 7'-0", (x2) 8'-0"



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

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MILLSBORO BOAT RAMP

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DELAWARE DNREC

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89 KINGS HIGHWAY
DOVER, DE 19901

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DRAWING NO.:
S-501
COMPONENT DETAIL

SHEET: 5 of 5

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1165 NORTCHASE PARKWAY SE
SUITE 300 - MARIETTA, GA 30067
PHONE: 770-933-8166

NOT FOR CONSTRUCTION



GatorDock

Marine Access Solutions

SCOPE OF SUPPLIES

Project:

Millsboro Boat Ramp

List Created By:

Reese Patten

Date:

2/11/2019

Item	Description	Size	Quantity
FIXED PIER	Aluminum Deck, PT Fender, D-Bumper, Tube Curb, Cleats, & Bolt Connections	6'x30'	2
HEADER KIT	Aluminum C-Channels with SS Hardware	7'	4
HEADER KIT	Aluminum C-Channels with SS Hardware	8'	1
3-LINE RAIL	Aluminum Rail	-	29'-5" LF