



# Andrews, Miller & Associates

A DIVISION OF DAVIS, BOWEN & FRIEDEL, INC.

ARCHITECTS ENGINEERS SURVEYORS

## **Addendum No. 04**

Date: Wednesday, August 29, 2018

Project : **Phillips Landing Boat Ramp at Nanticoke Wildlife Area**  
**Contract No. NAT201801/Phillips.Landing**  
AMA/DBF Job no. 1945A006.B01

Prepared By: Ken Eaton, AMA/DBF

Addendum No. 4 includes the following items:

### **1. Kayak Launch – Mobi-Mat**

The “Mobi-Mat” as referenced in the original bid documents shall be removed from the bid. The Contractor shall install 25 LF of aluminum handrail as provided by DNREC. The aluminum handrail shall be installed in accordance with revised sheet C-3 and the shop drawings provided by Gator-Dock. Aluminum rail provided by DNREC. Contractor shall provide 3/8” dia. X 4” long minimum adhesive anchor bolts and install 4 per post base plate.

**Bid Form:** No Changes

**Specifications:** No Changes

**Drawings:**

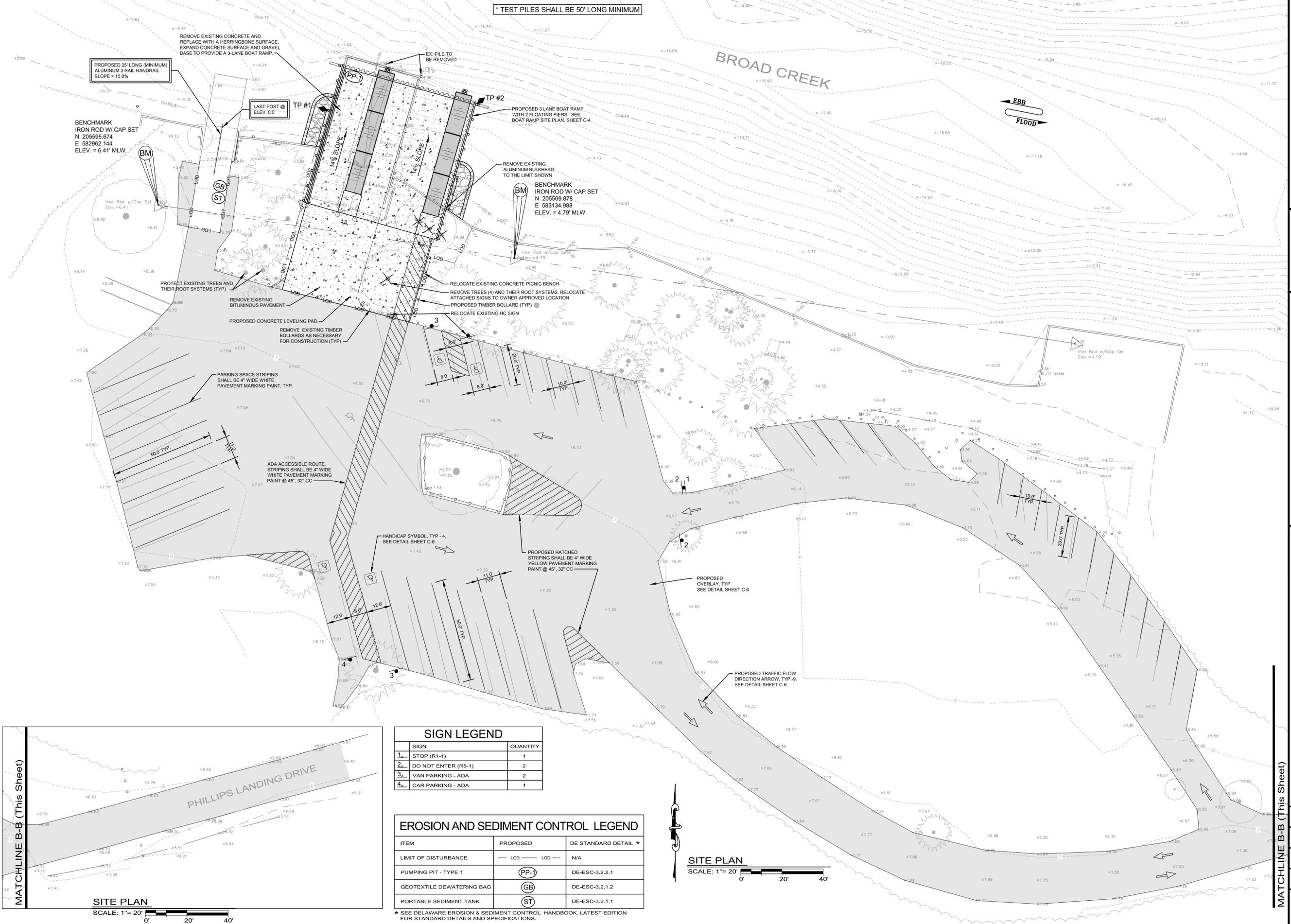
**Sheet C-3:**

All references to “Mobi-Mat” have been removed and the plan view of the 3 rail aluminum rail have been provided.

**End of Addendum No. 04**

P:\\_DBF\1945A006 Phillips Landing BR\001-Construction Services\04 Addendum 04\PhillipsLndg\_Addendum\_004.docx

\* TEST PILES SHALL BE 50' LONG MINIMUM



PROPOSED 25' LONG (MINIMUM) ALUMINUM 3 RAIL HANDRAIL SLOPE = 15.8%

BENCHMARK IRON ROD W/ CAP SET N 205595.674 E 582962.144 ELEV. = 6.41' MLW

LAST POST @ ELEV. 0.0'

PROPOSED 3 LANE BOAT RAMP WITH 2 FLOATING PIERS. SEE BOAT RAMP SITE PLAN, SHEET C-4

BENCHMARK IRON ROD W/ CAP SET N 205569.878 E 583134.988 ELEV. = 4.79' MLW

PROTECT EXISTING TREES AND THEIR ROOT SYSTEMS (TYP)

REMOVE EXISTING BITUMINOUS PAVEMENT

PROPOSED CONCRETE LEVELING PAD

REMOVE EXISTING TIMBER BOLLARDS AS NECESSARY FOR CONSTRUCTION (TYP)

PARKING SPACE STRIPING SHALL BE 4" WIDE WHITE PAVEMENT MARKING PAINT, TYP.

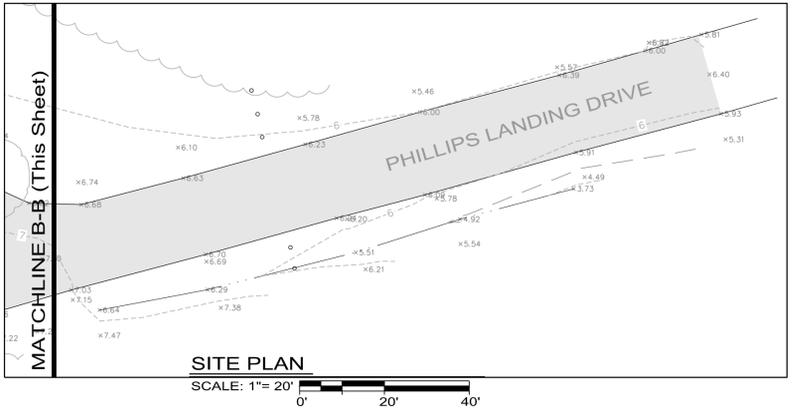
ADA ACCESSIBLE ROUTE STRIPING SHALL BE 4" WIDE WHITE PAVEMENT MARKING PAINT @ 45°, 32" CC

HANDICAP SYMBOL, TYP - 4, SEE DETAIL SHEET C-6

PROPOSED HATCHED STRIPING SHALL BE 4" WIDE YELLOW PAVEMENT MARKING PAINT @ 45°, 32" CC

PROPOSED OVERLAY, TYP. SEE DETAIL SHEET C-6

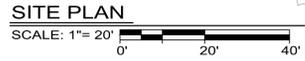
PROPOSED TRAFFIC FLOW DIRECTION ARROW, TYP. - 9, SEE DETAIL SHEET C-6



SIGN LEGEND		
SIGN	QUANTITY	
1a. STOP (R1-1)	1	
2a. DO NOT ENTER (R5-1)	2	
3a. VAN PARKING - ADA	2	
4a. CAR PARKING - ADA	1	

EROSION AND SEDIMENT CONTROL LEGEND		
ITEM	PROPOSED	DE STANDARD DETAIL *
LIMIT OF DISTURBANCE	— LOD — LOD —	N/A
PUMPING PIT - TYPE 1	(PP-1)	DE-ESC-3.2.2.1
GEOTEXTILE DEWATERING BAG	(GB)	DE-ESC-3.2.1.2
PORTABLE SEDIMENT TANK	(ST)	DE-ESC-3.2.1.1

\* SEE DELAWARE EROSION & SEDIMENT CONTROL HANDBOOK, LATEST EDITION FOR STANDARD DETAILS AND SPECIFICATIONS.



REVISIONS	
NO.	DATE
1	08/16/18
2	08/24/18

BY: ADDENDUM NO. 02 - OVERLAY  
ADDENDUM NO. 04 - HANDRAIL IN LIEU OF MOB-RMAT



**Andrews, Miller & Associates**  
ARCHITECTS ENGINEERS SURVEYORS  
A Division of:  
**DAVIS, BOWEN & FRIEDEL, INC.**  
EASTON, MARYLAND (410) 770-4744  
SMILFORD, DELAWARE (302) 424-1441

**SITE PLAN**  
FOR  
STATE OF DELAWARE  
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL  
DIVISION OF FISH AND WILDLIFE  
at  
**PHILLIPS LANDING BOAT RAMP**  
SUSSEX COUNTY, DELAWARE

DRAWN	DESIGNED	CHECKED
SMS	ABE	JPL
DATE <b>JULY 2018</b>		
SCALE <b>1" = 20'</b>		
PROJ. NO. <b>1945A006</b>		
Dwg No. <b>C-3</b>		
3	of	6

Phillips Landing RTA - Addendum No. 04

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

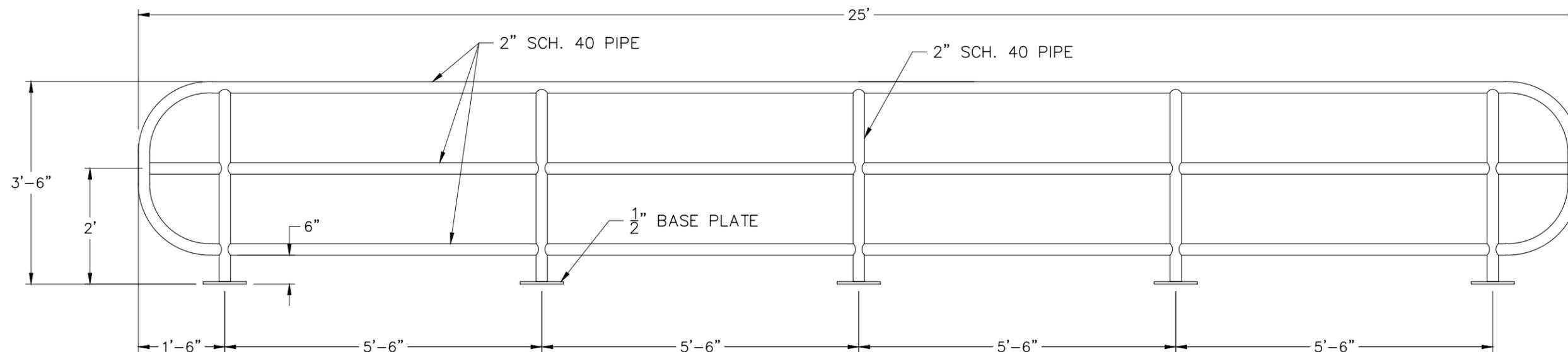
CUST. PO NO.:  
N/A

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

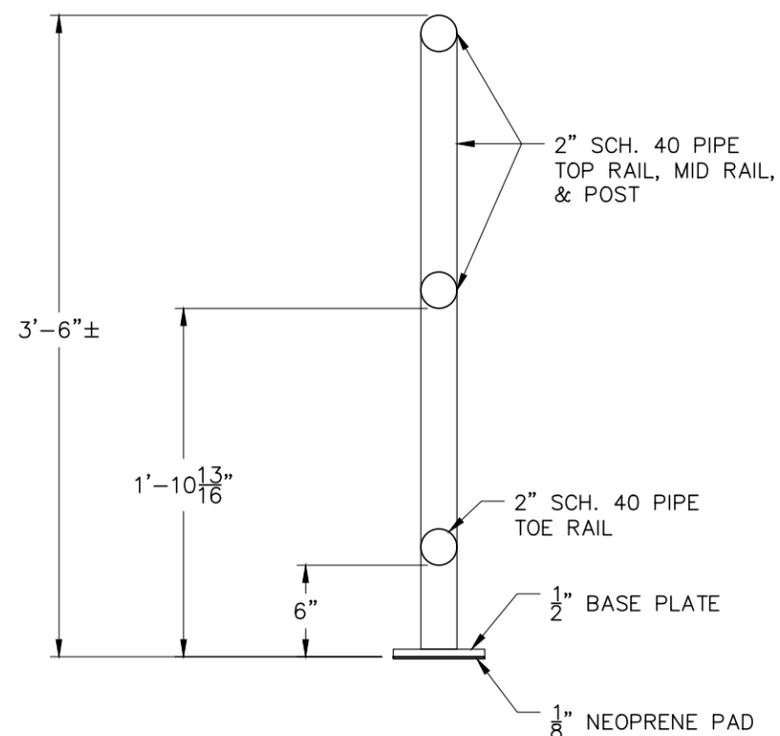
DRAWING NO.:  
**S-202**  
HAND RAIL DETAILS

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.

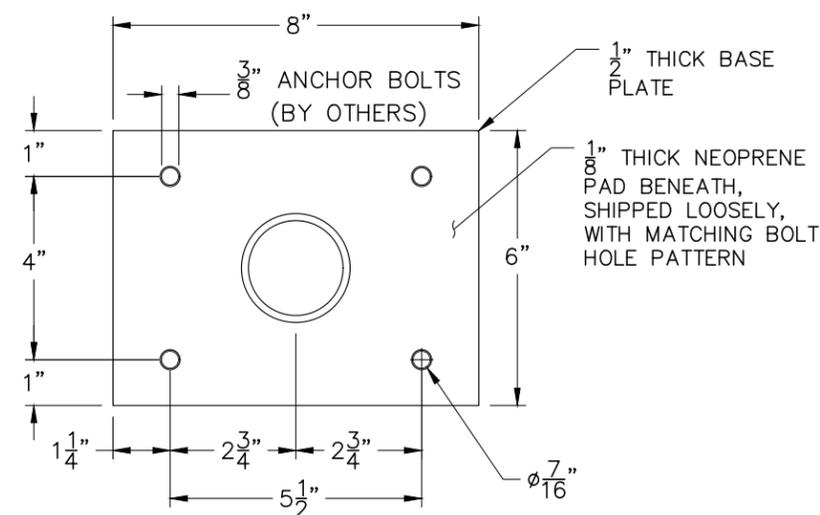
CMI LIMITED CO.  
1165 NORTHCHASE PARKWAY SE  
SUITE 300 - MARIETTA, GA 30067  
PHONE: 770-933-8166



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



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



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