

SLIDELL MUNICIPAL MARINA  
AT HERITAGE PARK  
NEW CONCRETE FLOATING DOCK  
SLIDELL, LA  
SUBMITTAL PACKAGE – REV.03



Subject : SUBMITTAL PACKAGE  
Project No : 0415  
Date : August 31, 2017 – Revision 03

**Dammon Engineering**  
554 Old Spanish Trail  
Slidell, La. 70458

Initial from customer

**MARINETEK** NORTH AMERICA, INC.

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# SECTION 1

## LAYOUT AND DETAIL SUBMITTAL DRAWING

**MARINETEK** NORTH AMERICA, INC.

---

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# SLIDELL MUNICIPAL MARINA AT HERITAGE PARK

SLIDELL, LOUISIANA  
JUNE 06, 2017

LOCATION OF BAYOU BONFOUCA  
IN SEC. 10-T95-R14E  
SLIDELL, LOUISIANA


**SUBMITTAL**


KEY PLAN  
PLAN VIEW  
1"=150'-0"





|         |                          |                  |          |   |                   |   |   |                                     |                  |
|---------|--------------------------|------------------|----------|---|-------------------|---|---|-------------------------------------|------------------|
| REV: 01 | DESC: GAZEBO AND GANGWAY | DATE: 2017-07-26 | BY: C.B. | PROPERTY INFORMATION<br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South 33701<br>St. Petersburg, Florida<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415                       |                  |
| REV: 02 | DESC: REVISED SUBMITTAL  | DATE: 2017/08/15 | BY: C.B. |   | APPROVED BY: R.M. |   |   | TITLE: KEY PLAN LAYOUT<br>SUBMITTAL | DWG: 0415LGE00   |
| REV: 03 | DESC: REVISED SUBMITTAL  | DATE: 2017/08/31 | BY: C.B. |   | REFERENCE: -      |   |   |                                     | DATE: 2017-06-06 |


**LEGEND:**

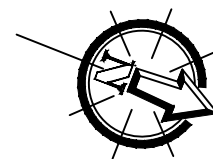
 FLOATING CONCRETE HD MAIN DOCK WITH TIMBER PINE FENDER 4" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)

 FLOATING CONCRETE HD FINGER DOCK WITH TIMBER PINE FENDER 2" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)

 FLOATING ALUMINUM SUBSTATION DOCK

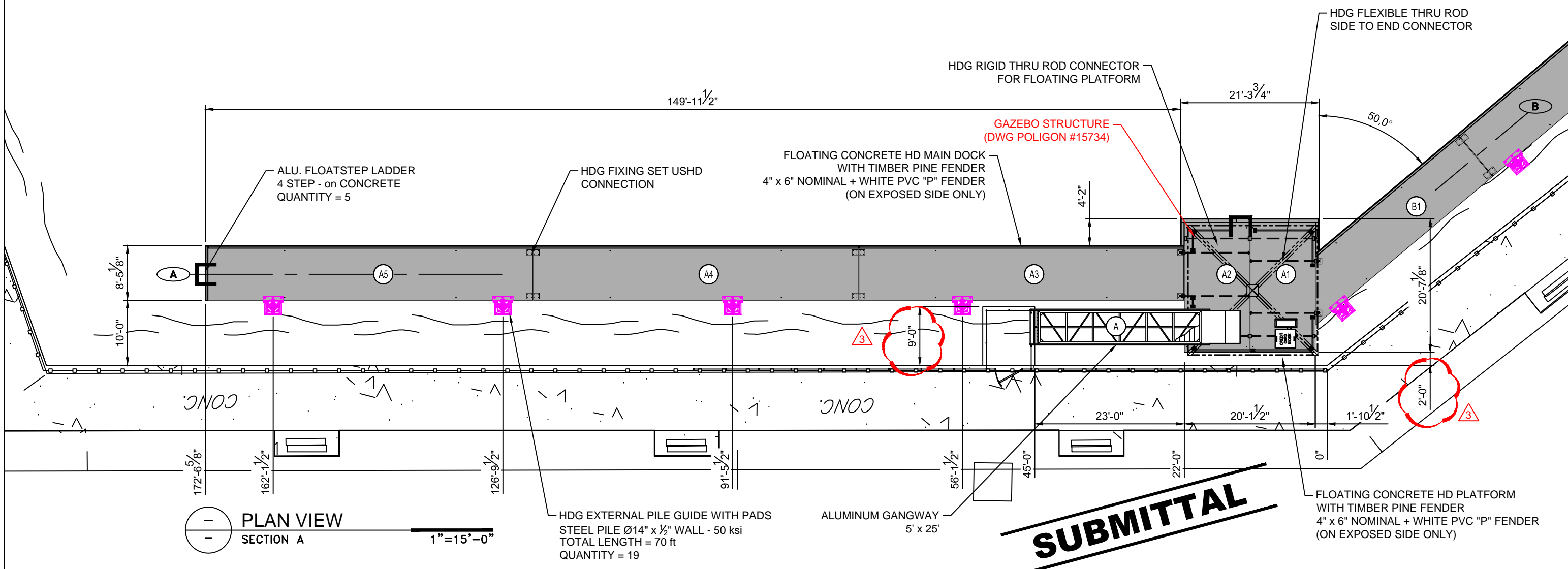
 HDG EXTERNAL PILE GUIDE WITH PADS  
STEEL PILE Ø14" x 1/2" WALL - 50 ksi  
TOP OF PILE ELEV. = +15 ft NGVD  
EMBEDMENT = 40 ft  
TOTAL LENGTH = 70 ft  
QUANTITY = 19

 ALU. FLOATSTEP LADDER 4 STEP - on CONCRETE DOCK  
QUANTITY = 5



**STRUCTURE SIZE/NUMBER**

| SECTION | STRUCTURE NO. | STRUCTURE WIDTH | STRUCTURE LENGTH | NAME      |
|---------|---------------|-----------------|------------------|-----------|
| A       | A             | 5'-0"           | 25'-0"           | GANGWAY   |
|         | A1            | 10'-0"          | 20'-0"           | M1020USHD |
|         | A2            | 10'-0"          | 20'-0"           | M1020USHD |
|         | A3            | 8'-0"           | 49'-11"          | M0850USHD |
|         | A4            | 8'-0"           | 49'-11"          | M0850USHD |
|         | A5            | 8'-0"           | 49'-11"          | M0850USHD |



PLAN VIEW  
SECTION A  
1" = 15'-0"

| REV: | DESC:              | DATE:      | BY:  |
|------|--------------------|------------|------|
| 01   | GAZEBO AND GANGWAY | 2017-07-26 | C.B. |
| 02   | DIM CORRECTION     | 2017/08/15 | C.B. |
| 03   | REVISED SUBMITTAL  | 2017/08/31 | C.B. |

**PROPERTY INFORMATION**  
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**DRAWN BY:** C.B.  
**APPROVED BY:** R.M.  
**REFERENCE:**



**PROJECT:** SLIDELL MUNICIPAL MARINA  
SLIDELL, LOUISIANA  
**TITLE:** GENERAL LAYOUT SECTION A  
SUBMITTAL

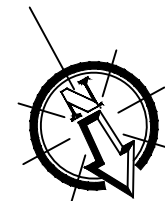
**MARINETEK**  
MARINETEK NORTH AMERICA INC.  
222 14th Avenue South  
St. Petersburg, Florida 33701  
Tel: (877) 909-3625  
Web: www.marinetek.net

**PROJECT:** 0415  
**DWG:** 0415LGE01  
**DATE:** 2017-06-06  
**REV:** 03

**LEGEND:**

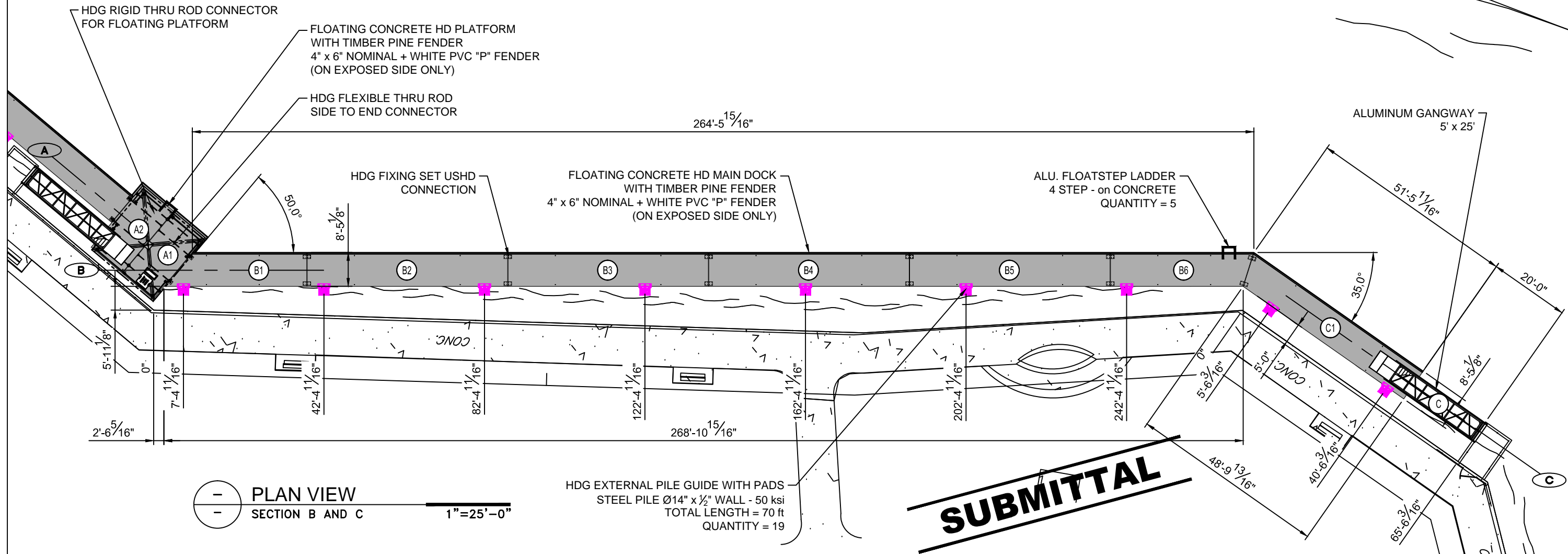
-  FLOATING CONCRETE HD MAIN DOCK WITH TIMBER PINE FENDER 4" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)
-  FLOATING CONCRETE HD FINGER DOCK WITH TIMBER PINE FENDER 2" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)
-  FLOATING ALUMINUM SUBSTATION DOCK

-  HDG EXTERNAL PILE GUIDE WITH PADS STEEL PILE Ø14" x 1/2" WALL - 50 ksi TOP OF PILE ELEV. = +15 ft NGVD EMBEDMENT = 40 ft TOTAL LENGTH = 70 ft QUANTITY = 19
-  ALU. FLOATSTEP LADDER 4 STEP - on CONCRETE DOCK QUANTITY = 5




**STRUCTURE SIZE/NUMBER**




| SECTION | STRUCTURE NO. | STRUCTURE WIDTH | STRUCTURE LENGTH | NAME        |
|---------|---------------|-----------------|------------------|-------------|
| B       | B1            | 8'-0"           | 35'-5"           | M0835USHD-A |
|         | B2            | 8'-0"           | 49'-11"          | M0850USHD   |
|         | B3            | 8'-0"           | 49'-11"          | M0850USHD   |
|         | B4            | 8'-0"           | 49'-11"          | M0850USHD   |
|         | B5            | 8'-0"           | 49'-11"          | M0850USHD   |
|         | B6            | 8'-0"           | 35'-6"           | M0836USHD-A |
| C       | C             | 5'-0"           | 25'-0"           | GANGWAY     |
|         | C1            | 8'-0"           | 51'-3"           | M0851USHD-A |





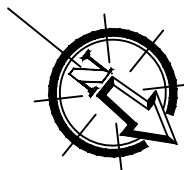
SUBMITTAL

|         |                         |                  |          |  |                   |   |  |                  |
|---------|-------------------------|------------------|----------|--|-------------------|---|--|------------------|
| REV: 01 | DESC: REVISED SUBMITTAL | DATE: 2017/08/15 | BY: C.B. | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA<br><br>TITLE: GENERAL LAYOUT SECTION B AND C<br>SUBMITTAL | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415    |
| REV: 02 | DESC: REVISED SUBMITTAL | DATE: 2017/08/31 | BY: C.B. |  | APPROVED BY: R.M. |   |  | DWG: 0415LGE02   |
| REV: -  | DESC: -                 | DATE: -          | BY: -    |  | REFERENCE: -      |   |  | DATE: 2017-06-06 |

**LEGEND:**

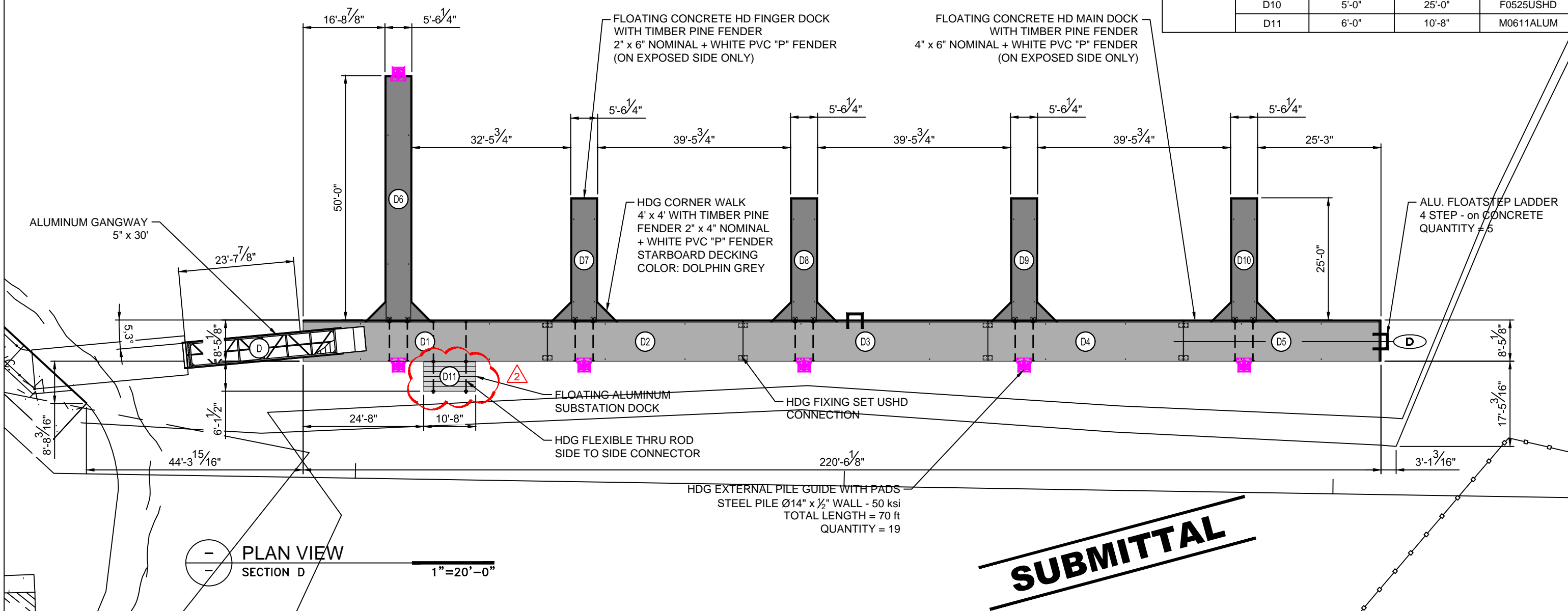
-  FLOATING CONCRETE HD MAIN DOCK WITH TIMBER PINE FENDER 4" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)
-  FLOATING CONCRETE HD FINGER DOCK WITH TIMBER PINE FENDER 2" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)
-  FLOATING ALUMINUM SUBSTATION DOCK

-  HDG EXTERNAL PILE GUIDE WITH PADS  
STEEL PILE Ø14" x 1/2" WALL - 50 ksi  
TOP OF PILE ELEV. = +15 ft NGVD  
EMBEDMENT = 40 ft  
TOTAL LENGTH = 70 ft  
QUANTITY = 19
-  ALU. FLOATSTEP LADDER  
4 STEP - on CONCRETE DOCK  
QUANTITY = 5




**STRUCTURE SIZE/NUMBER**

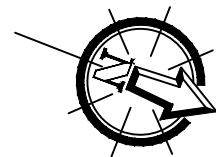
| SECTION | STRUCTURE NO. | STRUCTURE WIDTH | STRUCTURE LENGTH | NAME      |
|---------|---------------|-----------------|------------------|-----------|
| D       | D             | 5'-0"           | 30'-0"           | GANGWAY   |
|         | D1            | 8'-0"           | 49'-11"          | M0850USHD |
|         | D2            | 8'-0"           | 39'-11"          | M0840USHD |
|         | D3            | 8'-0"           | 49'-11"          | M0850USHD |
|         | D4            | 8'-0"           | 39'-11"          | M0840USHD |
|         | D5            | 8'-0"           | 39'-11"          | M0840USHD |
|         | D6            | 5'-0"           | 50'-0"           | F0550USHD |
|         | D7            | 5'-0"           | 25'-0"           | F0525USHD |
|         | D8            | 5'-0"           | 25'-0"           | F0525USHD |
|         | D9            | 5'-0"           | 25'-0"           | F0525USHD |
|         | D10           | 5'-0"           | 25'-0"           | F0525USHD |
|         | D11           | 6'-0"           | 10'-8"           | M0611ALUM |



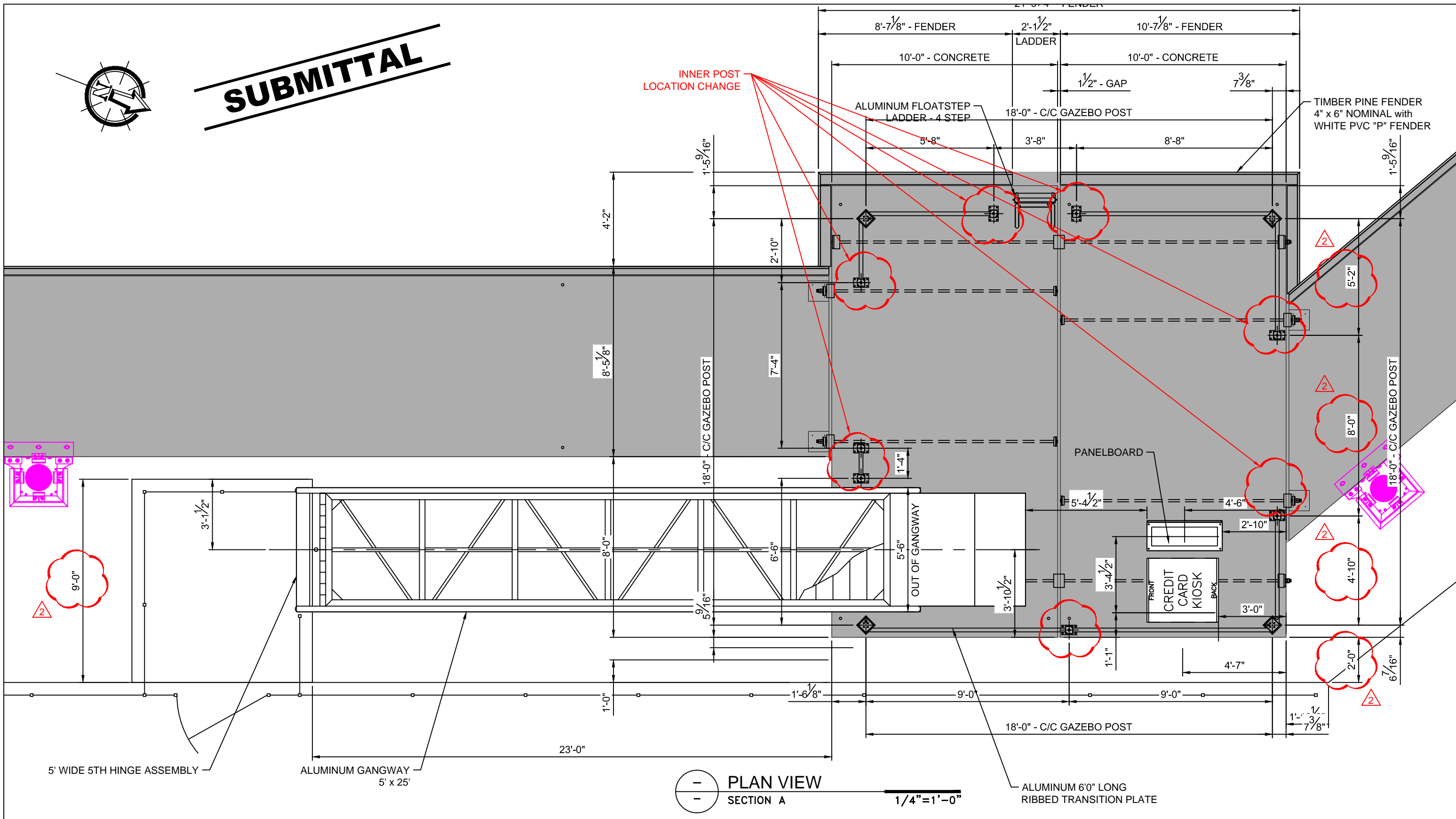
PLAN VIEW  
SECTION D  
1"=20'-0"

**SUBMITTAL**

|         |                         |                  |          |  |                   |   |  |                  |         |
|---------|-------------------------|------------------|----------|--|-------------------|---|--|------------------|---------|
| REV: 01 | DESC: REVISED SUBMITTAL | DATE: 2017/08/15 | BY: C.B. | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA<br><br>TITLE: GENERAL LAYOUT SECTION D<br>SUBMITTAL | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415    |         |
| REV: 02 | DESC: REVISED SUBMITTAL | DATE: 2017/08/31 | BY: C.B. |  | APPROVED BY: R.M. |   |  | DWG: 0415LGE03   |         |
| REV: -  | DESC: -                 | DATE: -          | BY: -    |  | REFERENCE: -      |   |  | DATE: 2017-06-06 | REV: 02 |



**SUBMITTAL**



PLAN VIEW  
SECTION A  
1/4" = 1'-0"

|         |                         |                  |          |  |                   |   |   |                  |         |
|---------|-------------------------|------------------|----------|--|-------------------|---|---|------------------|---------|
| REV: 01 | DESC: GANGWAY POSITION  | DATE: 2017/08/15 | BY: C.B. | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | <b>PROJECT:</b><br>SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA<br><br><b>TITLE:</b><br>GAZEBO AND GANGWAY PLAN VIEW<br>SECTION A | MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415    |         |
| REV: 02 | DESC: REVISED SUBMITTAL | DATE: 2017/08/31 | BY: C.B. |  | APPROVED BY: R.M. |   |   | DWG: 0415LGE04   |         |
| REV: -  | DESC: -                 | DATE: -          | BY: -    |  | REFERENCE: -      |   |   | DATE: 2017-07-26 | REV: 02 |

**SUBMITTAL**

GAZEBO STRUCTURE  
(DWG POLIGON #15734)

TOP OF PILE +15.0 ft

STEEL PILE Ø14" x 1/2" WALL - 50 ksi  
TOP OF PILE ELEV. = +15 ft NGVD  
EMBEDMENT = 40 ft  
TOTAL LENGTH = 70 ft

ALUMINUM GANGWAY  
5' x 25'

5' WIDE 5TH HINGE ASSEMBLY

9.9  
1

7'-4 7/8"  
CLEAR HEIGHT

ALUMINUM 6'0" LONG  
RIBBED TRANSITION PLATE

PANELBOARD

CREDIT  
CARD  
KIOSK

BULKHEAD +3.50 ft

MHW +2.00 ft

MLW -1.00 ft

SEABED VARIES

1'-6"  
NOMINAL  
FREEBOARD

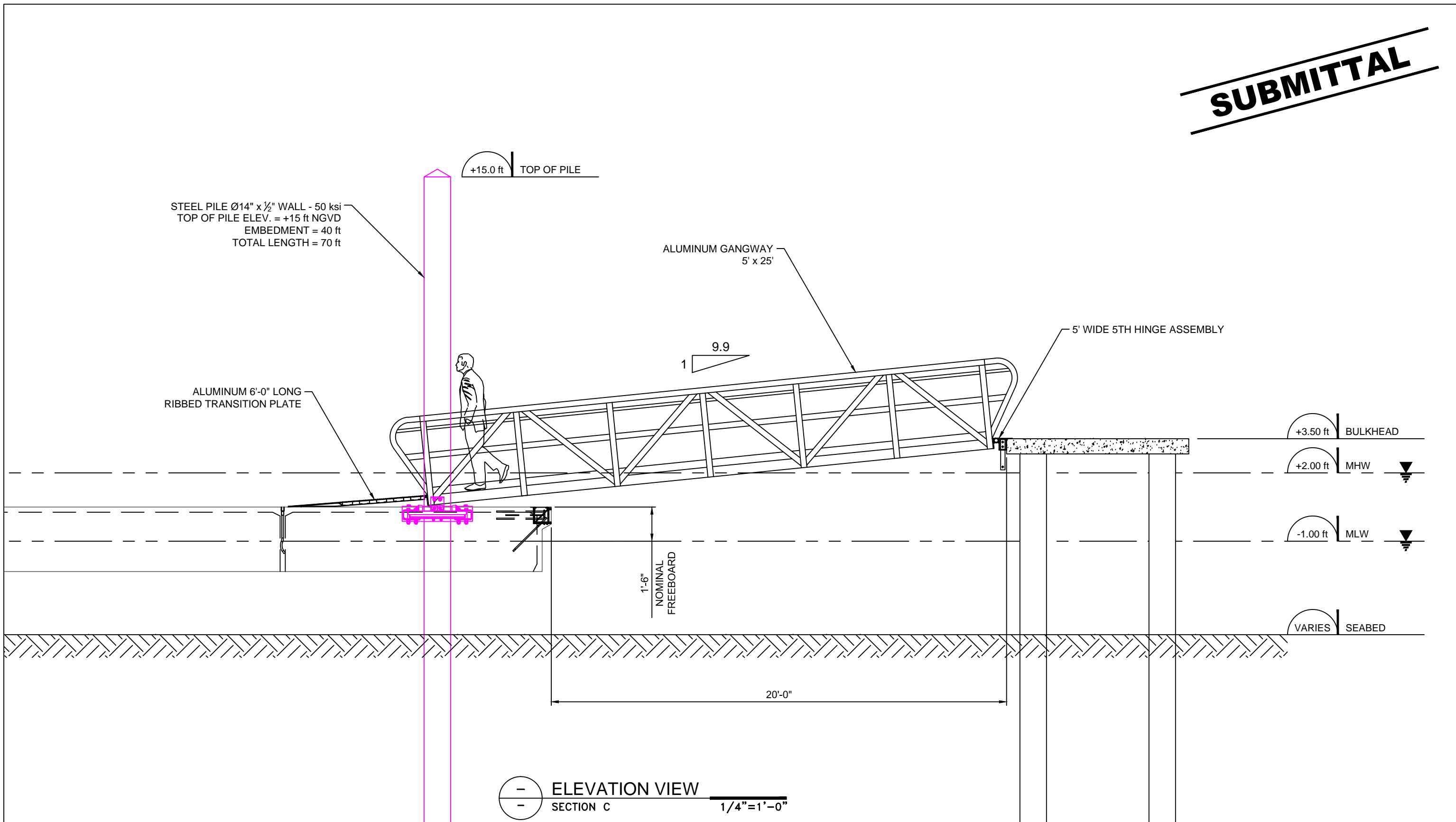
2'-5 1/16"  
AT MLW

20'-1 1/2"

ELEVATION VIEW  
SECTION A  
1/4" = 1'-0"

|         |                         |                  |          |   |                   |   |  |  |                  |
|---------|-------------------------|------------------|----------|---|-------------------|---|--|--|------------------|
| REV: 01 | DESC: REVISED SUBMITTAL | DATE: 2017/08/15 | BY: C.B. | PROPERTY INFORMATION<br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA | MARINETEK<br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415                              |                  |
| REV: 02 | DESC: REVISED SUBMITTAL | DATE: 2017/08/31 | BY: C.B. |   | APPROVED BY: R.M. |   |  | TITLE: GANGWAY ELEVATION VIEW<br>SECTION A | DWG: 0415LGE05   |
| REV: -  | DESC: -                 | DATE: -          | BY: -    |   | REFERENCE: -      |   |  |  | DATE: 2017-07-26 |

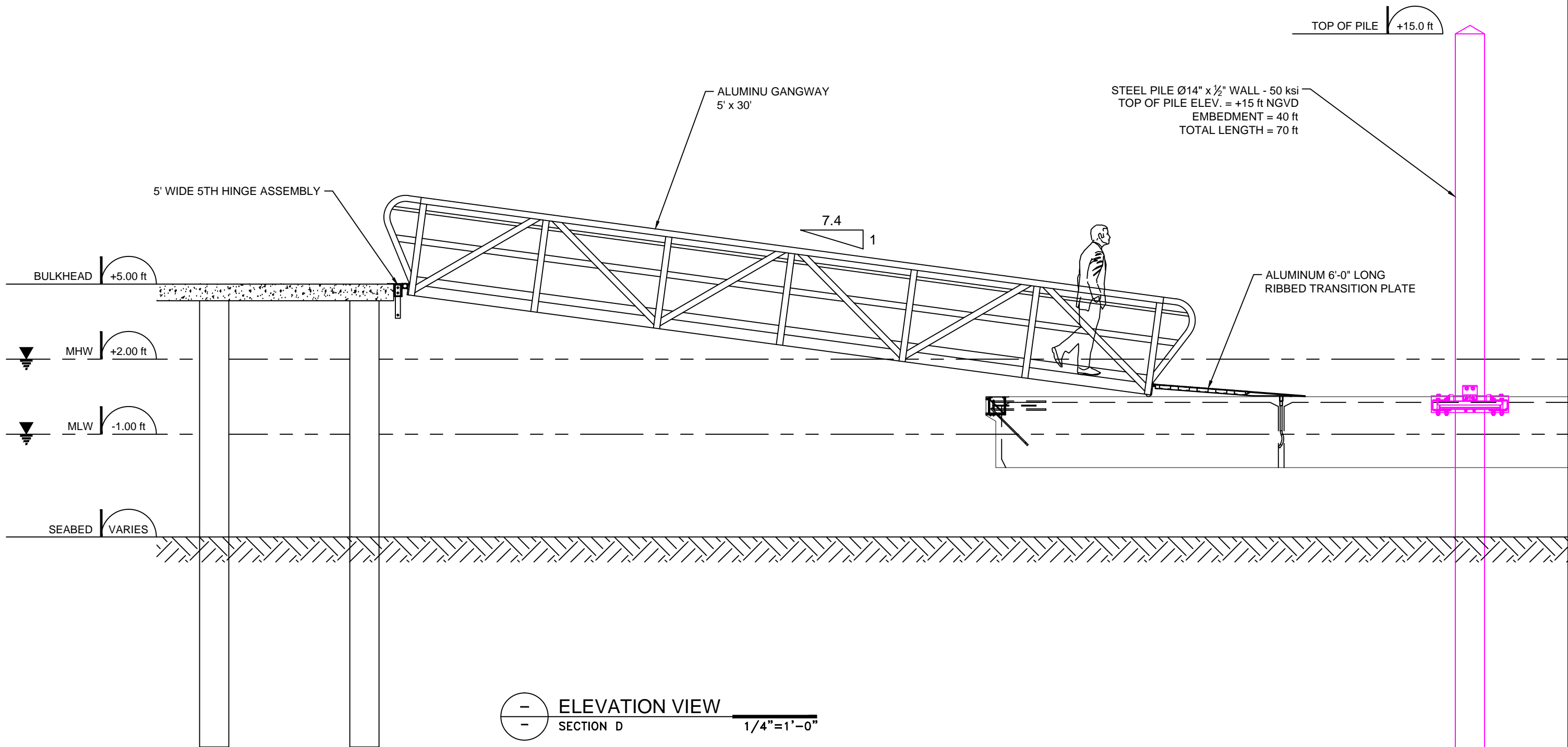
**SUBMITTAL**



— ELEVATION VIEW  
 — SECTION C  
 1/4" = 1'-0"

|         |                         |                  |          |  |                   |   |   |  |
|---------|-------------------------|------------------|----------|--|-------------------|---|---|--|
| REV: 01 | DESC: REVISED SUBMITTAL | DATE: 2017/08/15 | BY: C.B. | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415                              |
| REV: 02 | DESC: REVISED SUBMITTAL | DATE: 2017/08/31 | BY: C.B. |  | APPROVED BY: R.M. |   |   | TITLE: GANGWAY ELEVATION VIEW<br>SECTION C |
| REV: -  | DESC: -                 | DATE: -          | BY: -    |  | REFERENCE: -      |   |   | DATE: 2017-07-26                           |

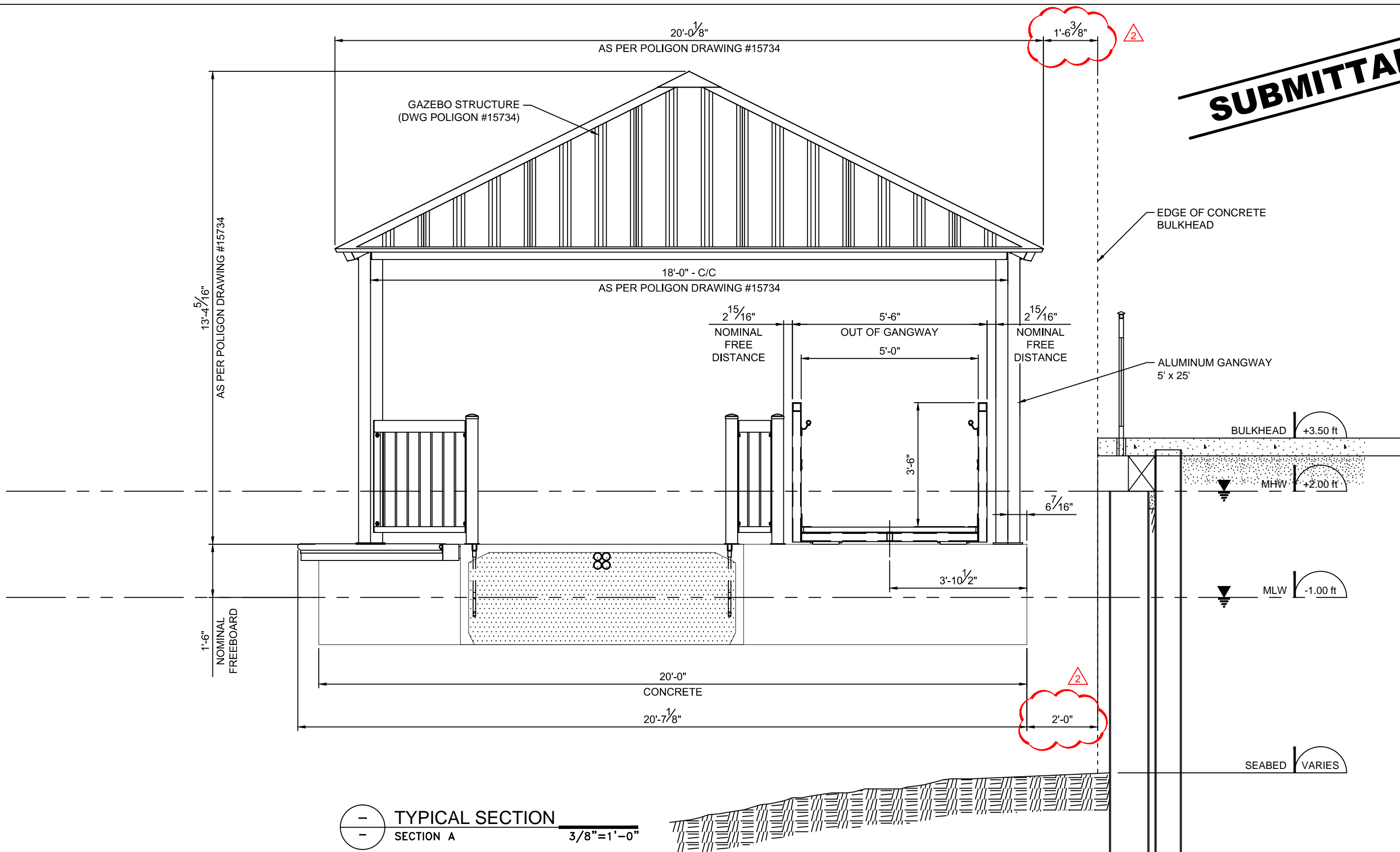
**SUBMITTAL**



— ELEVATION VIEW  
— SECTION D  
1/4" = 1'-0"

|         |                         |                  |          |  |                   |   |   |   |                |
|---------|-------------------------|------------------|----------|--|-------------------|---|---|---|----------------|
| REV: 01 | DESC: REVISED SUBMITTAL | DATE: 2017/08/15 | BY: C.B. | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415                           |                |
| REV: 02 | DESC: REVISED SUBMITTAL | DATE: 2017/08/31 | BY: C.B. |  | APPROVED BY: R.M. |   |   | TITLE: GANGWAY ELEVATION VIEW SECTION D | DWG: 0415LGE07 |
| REV: -  | DESC: -                 | DATE: -          | BY: -    |  | REFERENCE: -      |   |   | DATE: 2017-07-26                        | REV: 02        |

**SUBMITTAL**



— TYPICAL SECTION  
 — SECTION A  
 3/8" = 1'-0"

|         |                         |                  |          |  |                   |   |   |                  |
|---------|-------------------------|------------------|----------|--|-------------------|---|---|------------------|
| REV: 01 | DESC: REVISED SUBMITTAL | DATE: 2017/08/31 | BY: C.B. | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | <b>PROJECT:</b><br>SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA<br><br><b>TITLE:</b><br>GAZEBO/GANGWAY TYPICAL SECTION<br>SECTION A | <b>MARINETEK</b><br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415    |
| REV: -  | DESC: -                 | DATE: -          | BY: -    |  | APPROVED BY: R.M. |   |   | DWG: 0415LGE08   |
| REV: -  | DESC: -                 | DATE: -          | BY: -    |  | REFERENCE: -      |   |   | DATE: 2017/08/15 |

### LEGEND:

FLOATING CONCRETE HD MAIN DOCK WITH TIMBER PINE FENDER  
4" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)

FLOATING CONCRETE HD FINGER DOCK WITH TIMBER PINE FENDER  
2" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)

FLOATING ALUMINUM SUBSTATION DOCK

ALU. FLOATSTEP LADDER  
4 STEP - on CONCRETE DOCK  
QUANTITY = 5

HDG EXTERNAL PILE GUIDE WITH PADS  
STEEL PILE Ø14" x 1/2" WALL - 50 ksi  
TOP OF PILE ELEV. = +15 ft NGVD  
MINIMUM EMBEDMENT = 31 ft  
TOTAL LENGTH = 54 ft  
QUANTITY = 18

120/240V PANELBOARD (550 lbs)  
40" x 15" x 76"  
QUANTITY = 2

JACK KIOSK (225lbs)  
CREDIT CARD READER  
TOUCH-CONTROLLED INTERFACE SCREEN  
INTERNAL RELAY-BASED  
CONTROLLER BOARD  
QUANTITY = 2

P1 HARBOR LIGHT SS (70 lbs)  
SIDE 1 : 30A 125V - 20A 125V GFC1  
50A 125/250V, 3/4" WATER  
SIDE 2 : 30A 125V - 20A 125V GFC1  
50A 125/250V, 3/4" WATER  
QUANTITY = 10

P2 HARBOR LIGHT SS (70 lbs)  
SIDE 1 : 30A 125V - 20A 125V GFC1  
50A 125/250V, 3/4" WATER  
SIDE 2 : BLANK  
QUANTITY = 8

SEWER PUMP (285 lbs)  
25" x 32" x 40"  
QUANTITY = 1

PORTABLE ALUMINUM HOSE CART  
42" x 29" x 41"  
QUANTITY = 1

PEDESTAL CABLE #8 TYPE G-GC  
O.D. 0.99" (0.661 lb/ft)

PEDESTAL CABLE #4 TYPE G-GC  
O.D. 1.12" (1.013 lb/ft)

PEDESTAL CABLE #2 TYPE G-GC  
O.D. 1.29" (1.413 lb/ft)

PEDESTAL CABLE #1 TYPE G-GC  
O.D. 1.41" (1.716 lb/ft)

PEDESTAL CABLE #1/0 TYPE G-GC  
O.D. 1.54" (2.096 lb/ft)

PEDESTAL CABLE #2/0 TYPE G-GC  
O.D. 1.60" (2.466 lb/ft)

PEDESTAL CABLE #3/0 TYPE G-GC  
O.D. 1.74" (2.982 lb/ft)

WATER LINE 1/4"  
O.D. 1.660", I.D. 1.360"  
WEIGHT = 1.00 lb/ft

PEDESTAL CABLE #4 TYPE G  
O.D. 1.27" (1.378 lb/ft)

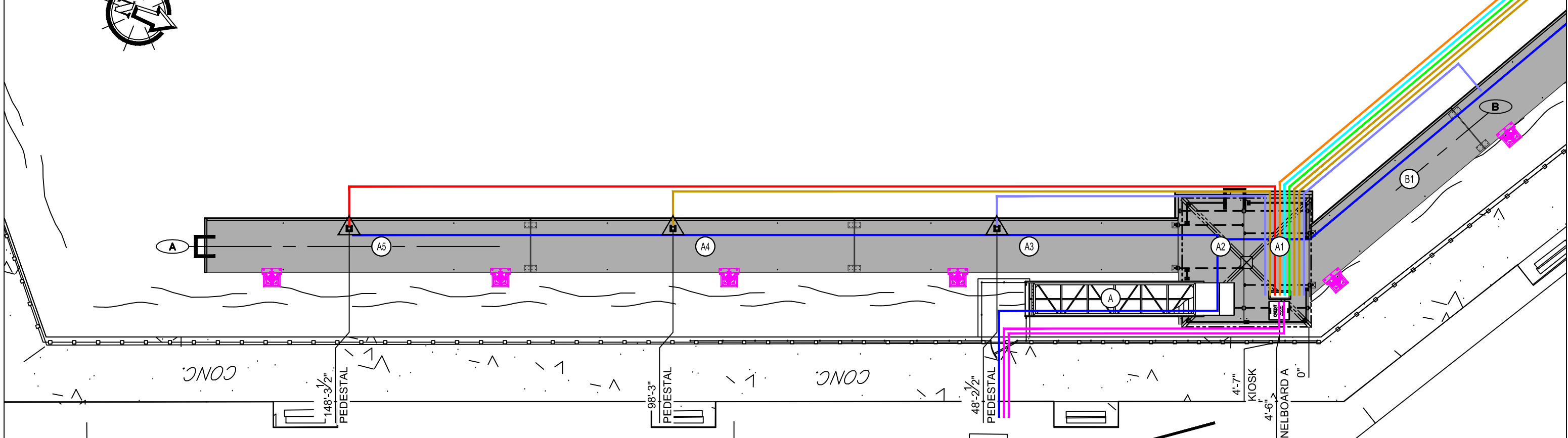
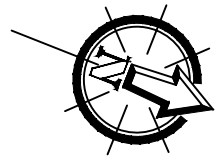
PEDESTAL CABLE #2 TYPE G  
O.D. 1.48" (1.914 lb/ft)

PEDESTAL CABLE #1 TYPE G  
O.D. 1.68" (2.311 lb/ft)

PEDESTAL CABLE #4/0 TYPE G  
O.D. 2.26" (4.925 lb/ft)

2" SUCTION PLUMBING  
O.D. 2.375", I.D. 2.047"  
WEIGHT = 0.803 lb/ft

3" SUCTION PLUMBING  
O.D. 3.500", I.D. 3.042"  
WEIGHT = 1.660 lb/ft



PLAN VIEW  
SECTION A  
1"=15'-0"

**SUBMITTAL**

|         |                          |                  |          |   |                   |   |  |  |                  |
|---------|--------------------------|------------------|----------|---|-------------------|---|--|--|------------------|
| REV: 01 | DESC: GAZEBO AND GANGWAY | DATE: 2017-07-26 | BY: C.B. | PROPERTY INFORMATION<br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA | MARINETEK<br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415                                |                  |
| REV: 02 | DESC: REVISED SUBMITTAL  | DATE: 2017/08/15 | BY: C.B. |   | APPROVED BY: R.M. |   |  | TITLE: UTILITY LAYOUT SECTION A<br>SUBMITTAL | DWG: 0415LUT01   |
| REV: 03 | DESC: REVISED SUBMITTAL  | DATE: 2017/08/31 | BY: C.B. |   | REFERENCE: -      |   |  |  | DATE: 2017-06-06 |

### LEGEND:

FLOATING CONCRETE HD MAIN DOCK WITH TIMBER PINE FENDER  
4" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)

FLOATING CONCRETE HD FINGER DOCK WITH TIMBER PINE FENDER  
2" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)

FLOATING ALUMINUM SUBSTATION DOCK

ALU. FLOATSTEP LADDER  
4 STEP - on CONCRETE DOCK  
QUANTITY = 5

HDG EXTERNAL PILE GUIDE WITH PADS  
STEEL PILE Ø14" x 1/2" WALL - 50 ksi  
TOP OF PILE ELEV. = +15 ft NGVD  
MINIMUM EMBEDMENT = 31 ft  
TOTAL LENGTH = 54 ft  
QUANTITY = 18

120/240V PANELBOARD (550 lbs)  
40" x 15" x 76"  
QUANTITY = 2

JACK KIOSK (225lbs)  
CREDIT CARD READER  
TOUCH-CONTROLLED INTERFACE SCREEN  
INTERNAL RELAY-BASED  
CONTROLLER BOARD  
QUANTITY = 2

P1 HARBOR LIGHT SS (70 lbs)  
SIDE 1 : 30A 125V - 20A 125V GFC1  
50A 125/250V, 3/4" WATER  
SIDE 2 : 30A 125V - 20A 125V GFC1  
50A 125/250V, 3/4" WATER  
QUANTITY = 10

P2 HARBOR LIGHT SS (70 lbs)  
SIDE 1 : 30A 125V - 20A 125V GFC1  
50A 125/250V, 3/4" WATER  
SIDE 2 : BLANK  
QUANTITY = 8

SEWER PUMP (285 lbs)  
25" x 32" x 40"  
QUANTITY = 1

PORTABLE ALUMINUM HOSE CART  
42" x 29" x 41"  
QUANTITY = 1

PEDESTAL CABLE #8 TYPE G-GC  
O.D. 0.99" (0.661 lb/ft)

PEDESTAL CABLE #4 TYPE G-GC  
O.D. 1.12" (1.013 lb/ft)

PEDESTAL CABLE #2 TYPE G-GC  
O.D. 1.29" (1.413 lb/ft)

PEDESTAL CABLE #1 TYPE G-GC  
O.D. 1.41" (1.716 lb/ft)

PEDESTAL CABLE #1/0 TYPE G-GC  
O.D. 1.54" (2.096 lb/ft)

PEDESTAL CABLE #2/0 TYPE G-GC  
O.D. 1.60" (2.466 lb/ft)

PEDESTAL CABLE #3/0 TYPE G-GC  
O.D. 1.74" (2.982 lb/ft)

WATER LINE 1/4"  
O.D. 1.660", I.D. 1.360"  
WEIGHT = 1.00 lb/ft

PEDESTAL CABLE #4 TYPE G  
O.D. 1.27" (1.378 lb/ft)

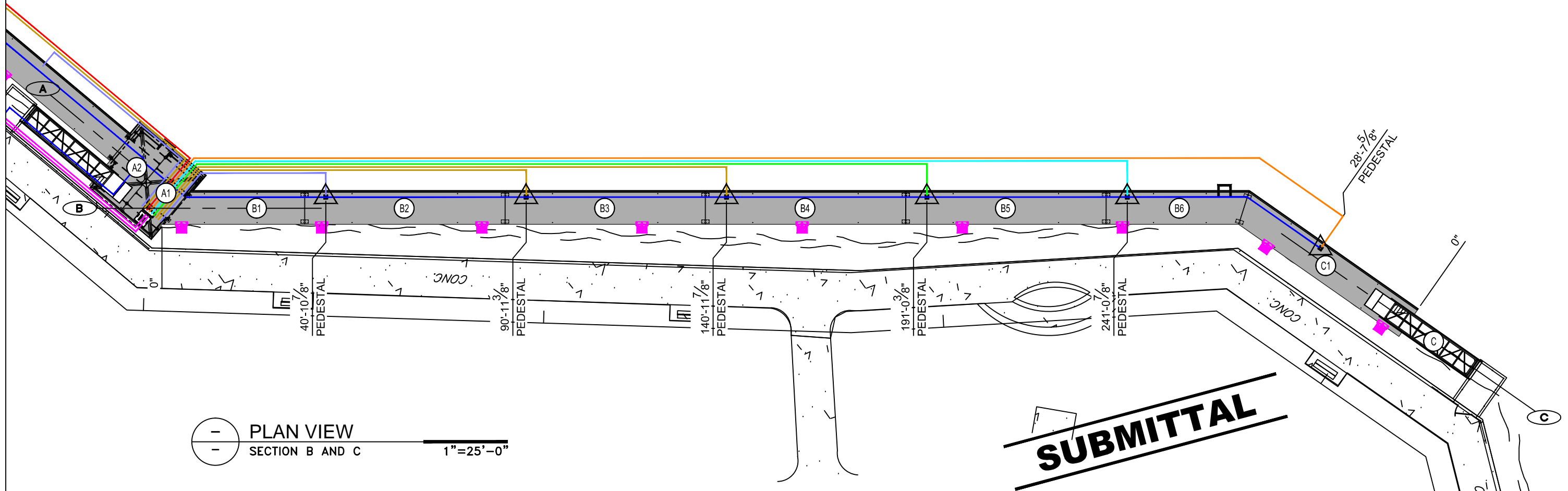
PEDESTAL CABLE #2 TYPE G  
O.D. 1.48" (1.914 lb/ft)

PEDESTAL CABLE #1 TYPE G  
O.D. 1.68" (2.311 lb/ft)

PEDESTAL CABLE #4/0 TYPE G  
O.D. 2.26" (4.925 lb/ft)

2" SUCTION PLUMBING  
O.D. 2.375", I.D. 2.047"  
WEIGHT = 0.803 lb/ft

3" SUCTION PLUMBING  
O.D. 3.500", I.D. 3.042"  
WEIGHT = 1.660 lb/ft



PLAN VIEW  
SECTION B AND C  
1"=25'-0"

|         |                         |                  |          |   |                   |   |  |  |                  |
|---------|-------------------------|------------------|----------|---|-------------------|---|--|--|------------------|
| REV: 01 | DESC: REVISED SUBMITTAL | DATE: 2017/08/15 | BY: C.B. | PROPERTY INFORMATION<br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA | MARINETEK<br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415                                      |                  |
| REV: 02 | DESC: REVISED SUBMITTAL | DATE: 2017/08/31 | BY: C.B. |   | APPROVED BY: R.M. |   |  | TITLE: UTILITY LAYOUT SECTION B AND C<br>SUBMITTAL | DWG: 0415LUT02   |
| REV: -  | DESC: -                 | DATE: -          | BY: -    |   | REFERENCE: -      |   |  |  | DATE: 2017-06-06 |

### LEGEND:

FLOATING CONCRETE HD MAIN DOCK WITH TIMBER PINE FENDER  
4" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)

FLOATING CONCRETE HD FINGER DOCK WITH TIMBER PINE FENDER  
2" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)

FLOATING ALUMINUM SUBSTATION DOCK

ALU. FLOATSTEP LADDER  
4 STEP - on CONCRETE DOCK  
QUANTITY = 5

HDG EXTERNAL PILE GUIDE WITH PADS  
STEEL PILE Ø14" x 1/2" WALL - 50 ksi  
TOP OF PILE ELEV. = +15 ft NGVD  
MINIMUM EMBEDMENT = 31 ft  
TOTAL LENGTH = 54 ft  
QUANTITY = 18

120/240V PANELBOARD (550 lbs)  
40" x 15" x 76"  
QUANTITY = 2

JACK KIOSK (225lbs)  
CREDIT CARD READER  
TOUCH-CONTROLLED INTERFACE SCREEN  
INTERNAL RELAY-BASED  
CONTROLLER BOARD  
QUANTITY = 2

P1 HARBOR LIGHT SS (70 lbs)  
SIDE 1 : 30A 125V - 20A 125V GFC1  
50A 125/250V, 3/4" WATER  
SIDE 2 : 30A 125V - 20A 125V GFC1  
50A 125/250V, 3/4" WATER  
QUANTITY = 10

P2 HARBOR LIGHT SS (70 lbs)  
SIDE 1 : 30A 125V - 20A 125V GFC1  
50A 125/250V, 3/4" WATER  
SIDE 2 : BLANK  
QUANTITY = 8

SEWER PUMP (285 lbs)  
25" x 32" x 40"  
QUANTITY = 1

PORTABLE ALUMINUM HOSE CART  
42" x 29" x 41"  
QUANTITY = 1

PEDESTAL CABLE #8 TYPE G-GC  
O.D. 0.99" (0.661 lb/ft)

PEDESTAL CABLE #4 TYPE G-GC  
O.D. 1.12" (1.013 lb/ft)

PEDESTAL CABLE #2 TYPE G-GC  
O.D. 1.29" (1.413 lb/ft)

PEDESTAL CABLE #1 TYPE G-GC  
O.D. 1.41" (1.716 lb/ft)

PEDESTAL CABLE #1/0 TYPE G-GC  
O.D. 1.54" (2.096 lb/ft)

PEDESTAL CABLE #2/0 TYPE G-GC  
O.D. 1.60" (2.466 lb/ft)

PEDESTAL CABLE #3/0 TYPE G-GC  
O.D. 1.74" (2.982 lb/ft)

WATER LINE 1/4"  
O.D. 1.660", I.D. 1.360"  
WEIGHT = 1.00 lb/ft

PEDESTAL CABLE #4 TYPE G  
O.D. 1.27" (1.378 lb/ft)

PEDESTAL CABLE #2 TYPE G  
O.D. 1.48" (1.914 lb/ft)

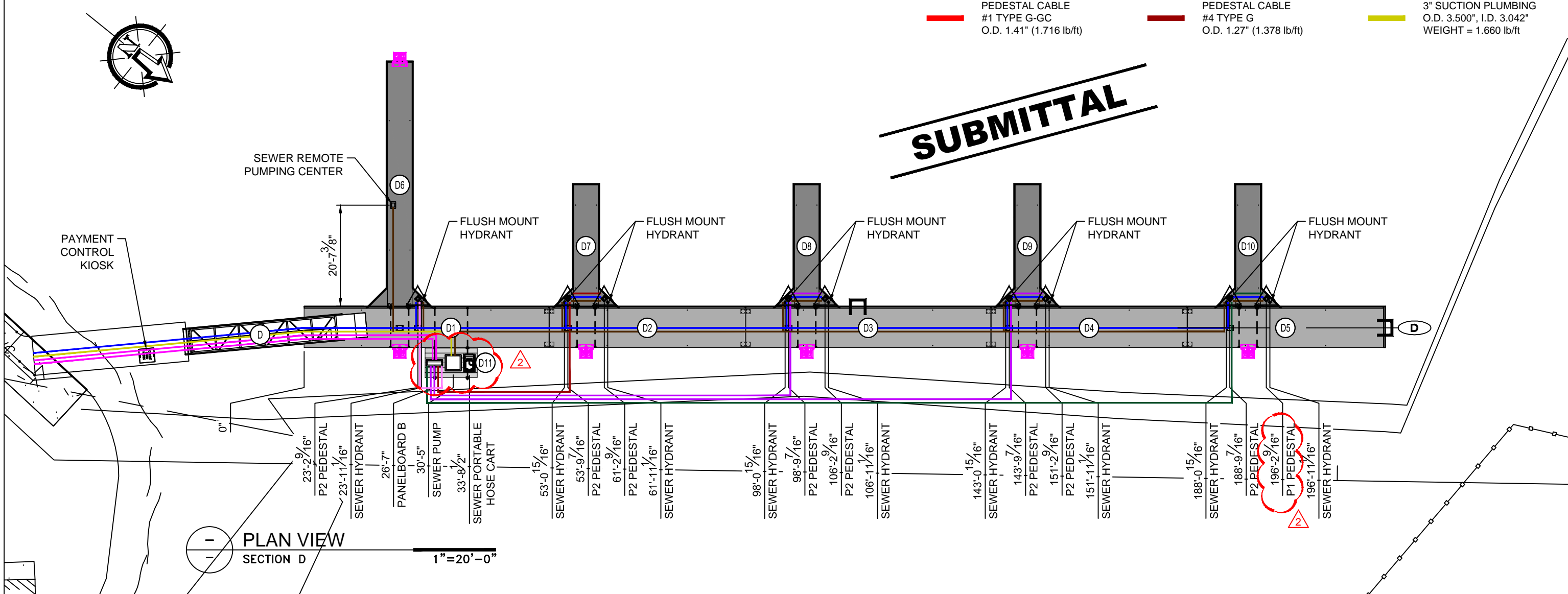
PEDESTAL CABLE #1 TYPE G  
O.D. 1.68" (2.311 lb/ft)

PEDESTAL CABLE #4/0 TYPE G  
O.D. 2.26" (4.925 lb/ft)

2" SUCTION PLUMBING  
O.D. 2.375", I.D. 2.047"  
WEIGHT = 0.803 lb/ft

3" SUCTION PLUMBING  
O.D. 3.500", I.D. 3.042"  
WEIGHT = 1.660 lb/ft




**SUBMITTAL**






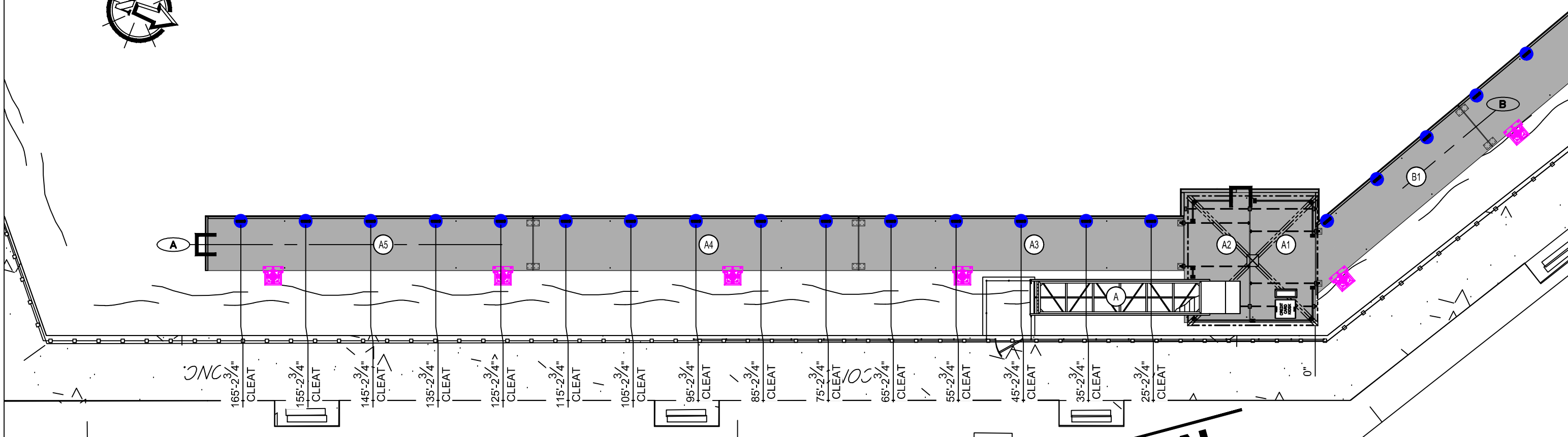
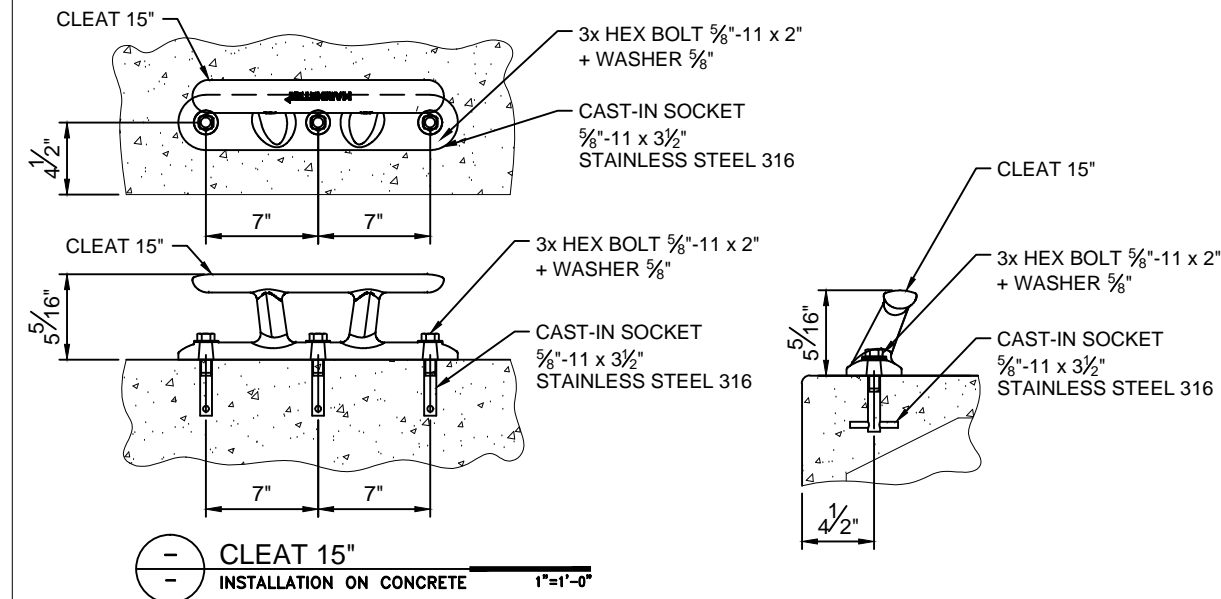
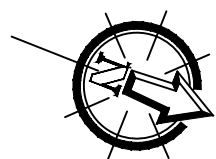
PLAN VIEW  
SECTION D  
1" = 20'-0"

|         |                           |                  |          |  |                   |   |   |                  |
|---------|---------------------------|------------------|----------|--|-------------------|---|---|------------------|
| REV: 01 | DESC: FLUSH MOUNT HYDRANT | DATE: 2017/08/15 | BY: C.B. | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: <b>SLIDELL MUNICIPAL MARINA</b><br>SLIDELL, LOUISIANA<br><br>TITLE: <b>UTILITY LAYOUT SECTION D</b><br>SUBMITTAL | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415    |
| REV: 02 | DESC: REVISED SUBMITTAL   | DATE: 2017/08/31 | BY: C.B. |  | APPROVED BY: R.M. |   |   | DWG: 0415LUT03   |
| REV: -  | DESC: -                   | DATE: -          | BY: -    |  | REFERENCE: -      |   |   | DATE: 2017-06-06 |


**LEGEND:**

-  FLOATING CONCRETE HD MAIN DOCK WITH TIMBER PINE FENDER 4" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)
-  FLOATING CONCRETE HD FINGER DOCK WITH TIMBER PINE FENDER 2" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)
-  FLOATING ALUMINUM SUBSTATION DOCK




-  HDG EXTERNAL PILE GUIDE WITH PADS  
STEEL PILE Ø14" x 1/2" WALL - 50 ksi  
TOP OF PILE ELEV. = +15 ft NGVD  
EMBEDMENT = 40 ft  
TOTAL LENGTH = 70 ft  
QUANTITY = 19
-  ALU. FLOATSTEP LADDER  
4 STEP - on CONCRETE DOCK  
QUANTITY = 5
-  MOORING CLEAT 15"  
QUANTITY = 89






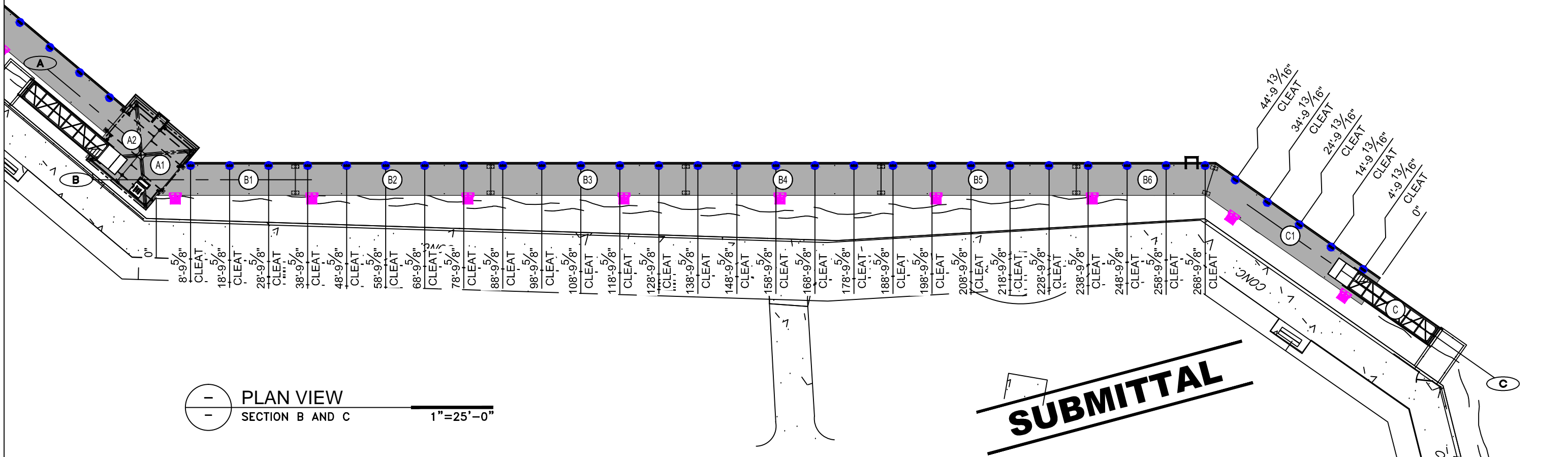
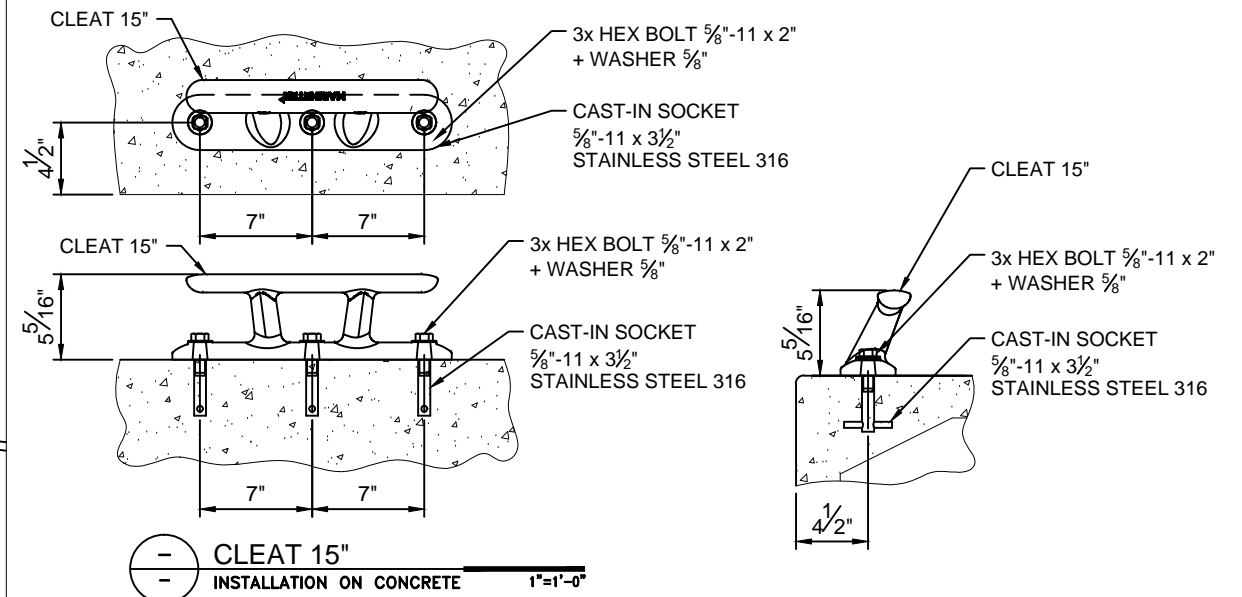
 PLAN VIEW  
 SECTION A  
1"=15'-0"

|         |                          |                  |          |   |                   |   |  |  |                  |
|---------|--------------------------|------------------|----------|---|-------------------|---|--|--|------------------|
| REV: 01 | DESC: GAZEBO AND GANGWAY | DATE: 2017-07-26 | BY: C.B. | PROPERTY INFORMATION<br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415                              |                  |
| REV: 02 | DESC: ADD CLEAT          | DATE: 2017/08/15 | BY: C.B. |   | APPROVED BY: R.M. |   |  | TITLE: CLEAT LAYOUT SECTION A<br>SUBMITTAL | DWG: 0415LMC01   |
| REV: 03 | DESC: REVISED SUBMITTAL  | DATE: 2017/08/31 | BY: C.B. |   | REFERENCE: -      |   |  |  | DATE: 2017-06-06 |

**LEGEND:**


-  FLOATING CONCRETE HD MAIN DOCK WITH TIMBER PINE FENDER 4" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)
-  FLOATING CONCRETE HD FINGER DOCK WITH TIMBER PINE FENDER 2" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)
-  FLOATING ALUMINUM SUBSTATION DOCK

-  HDG EXTERNAL PILE GUIDE WITH PADS  
STEEL PILE Ø14" x 1/2" WALL - 50 ksi  
TOP OF PILE ELEV. = +15 ft NGVD  
EMBEDMENT = 40 ft  
TOTAL LENGTH = 70 ft  
QUANTITY = 19
-  ALU. FLOATSTEP LADDER  
4 STEP - on CONCRETE DOCK  
QUANTITY = 5
-  MOORING CLEAT 15"  
QUANTITY = 89









 PLAN VIEW  
 SECTION B AND C  
 1"=25'-0"

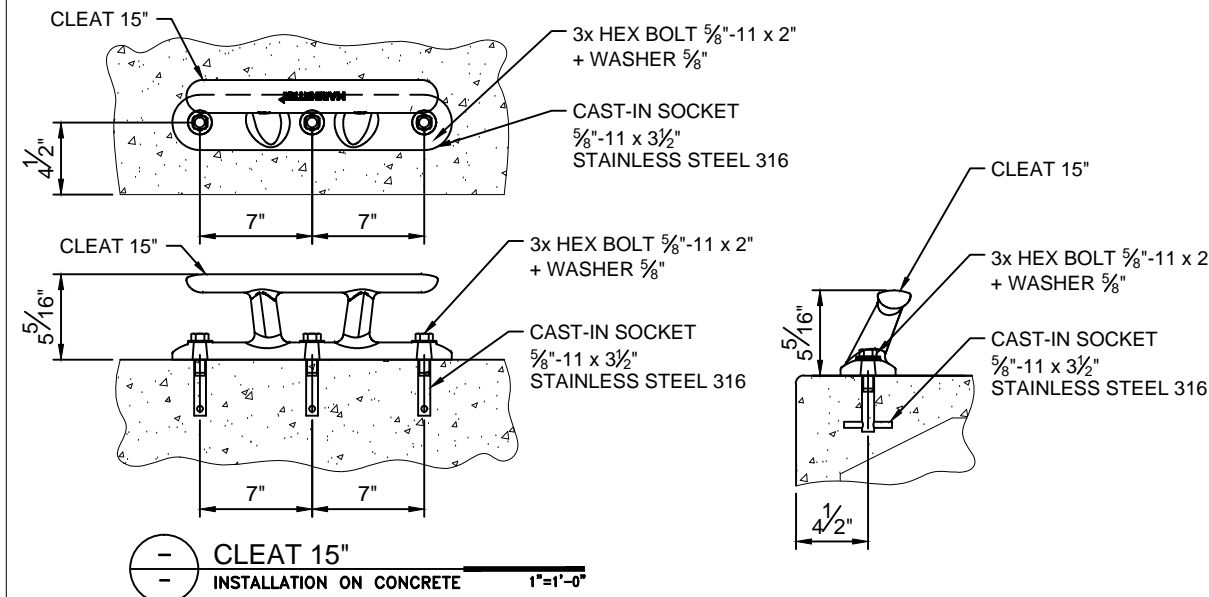
**SUBMITTAL**

|         |                         |                  |          |  |                   |   |  |                  |
|---------|-------------------------|------------------|----------|--|-------------------|---|--|------------------|
| REV: 01 | DESC: ADD CLEAT         | DATE: 2017/08/15 | BY: C.B. | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA<br><br>TITLE: CLEAT LAYOUT SECTION B AND C<br>SUBMITTAL | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415    |
| REV: 02 | DESC: REVISED SUBMITTAL | DATE: 2017/08/31 | BY: C.B. |  | APPROVED BY: R.M. |   |  | DWG: 0415LMC02   |
| REV: -  | DESC: -                 | DATE: -          | BY: -    |  | REFERENCE: -      |   |  | DATE: 2017-06-06 |

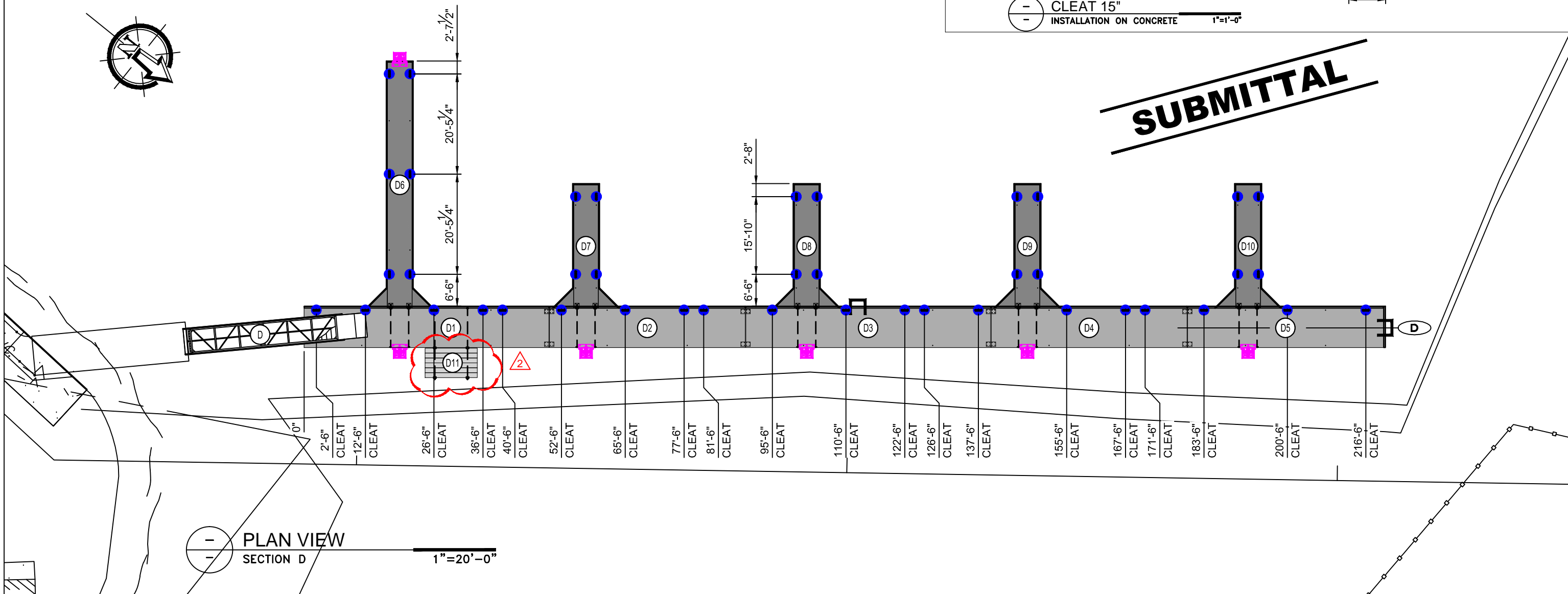
**LEGEND:**

-  FLOATING CONCRETE HD MAIN DOCK WITH TIMBER PINE FENDER 4" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)
-  FLOATING CONCRETE HD FINGER DOCK WITH TIMBER PINE FENDER 2" x 6" NOMINAL + WHITE PVC "P" FENDER (ON EXPOSED SIDE ONLY)
-  FLOATING ALUMINUM SUBSTATION DOCK


-  HDG EXTERNAL PILE GUIDE WITH PADS  
STEEL PILE Ø14" x 1/2" WALL - 50 ksi  
TOP OF PILE ELEV. = +15 ft NGVD  
EMBEDMENT = 40 ft  
TOTAL LENGTH = 70 ft  
QUANTITY = 19
-  ALU. FLOATSTEP LADDER 4 STEP - on CONCRETE DOCK  
QUANTITY = 5
-  MOORING CLEAT 15"  
QUANTITY = 89



**SUBMITTAL**



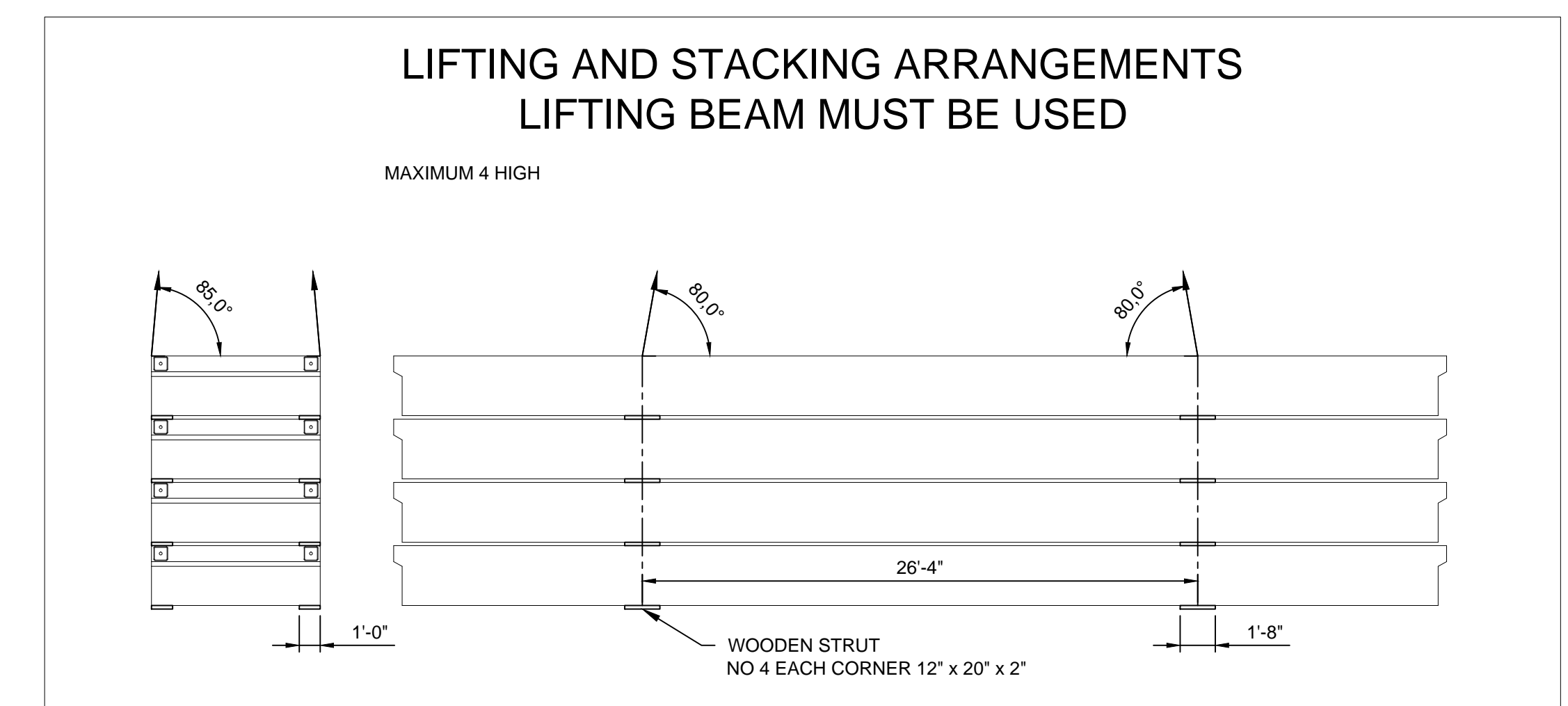
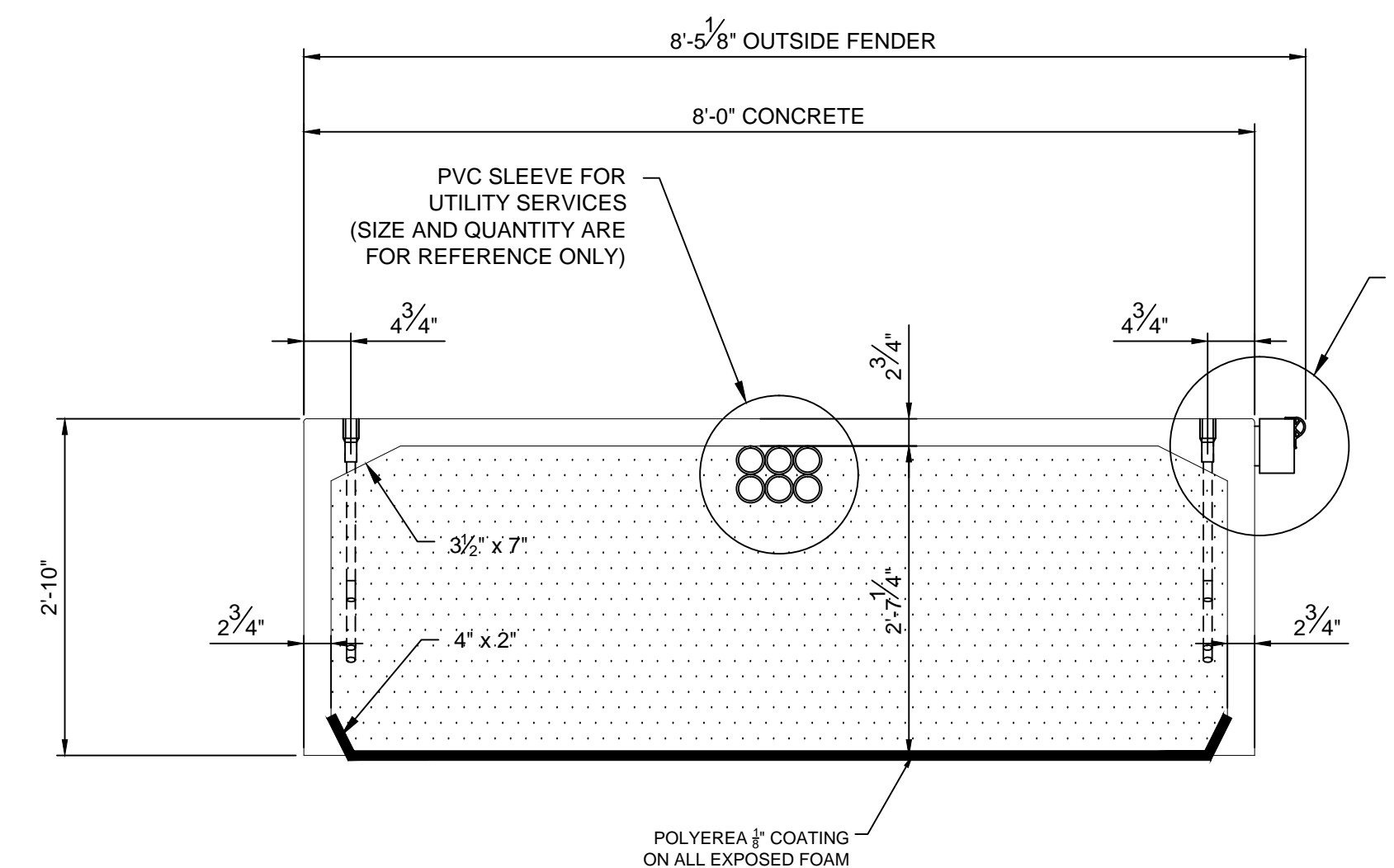
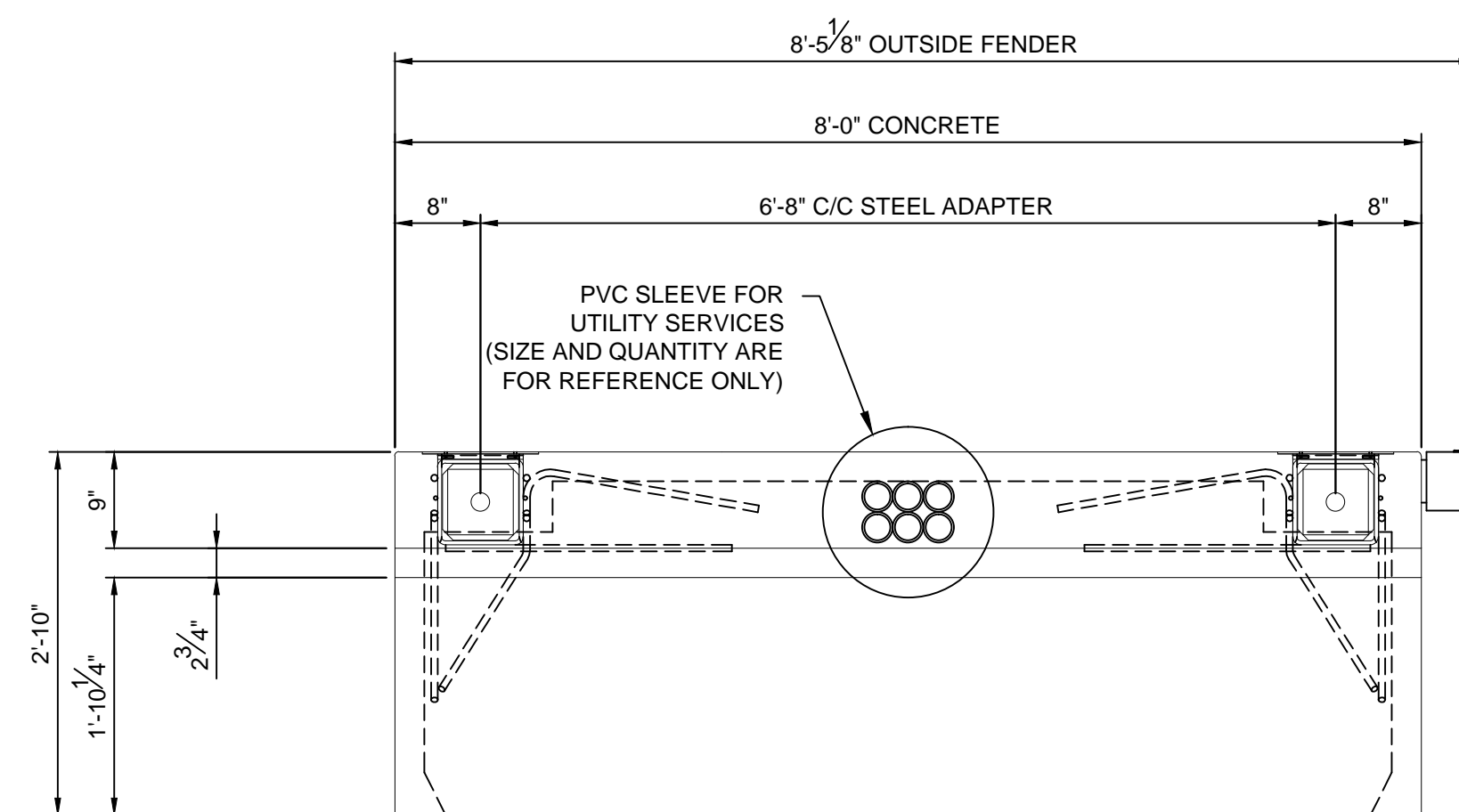
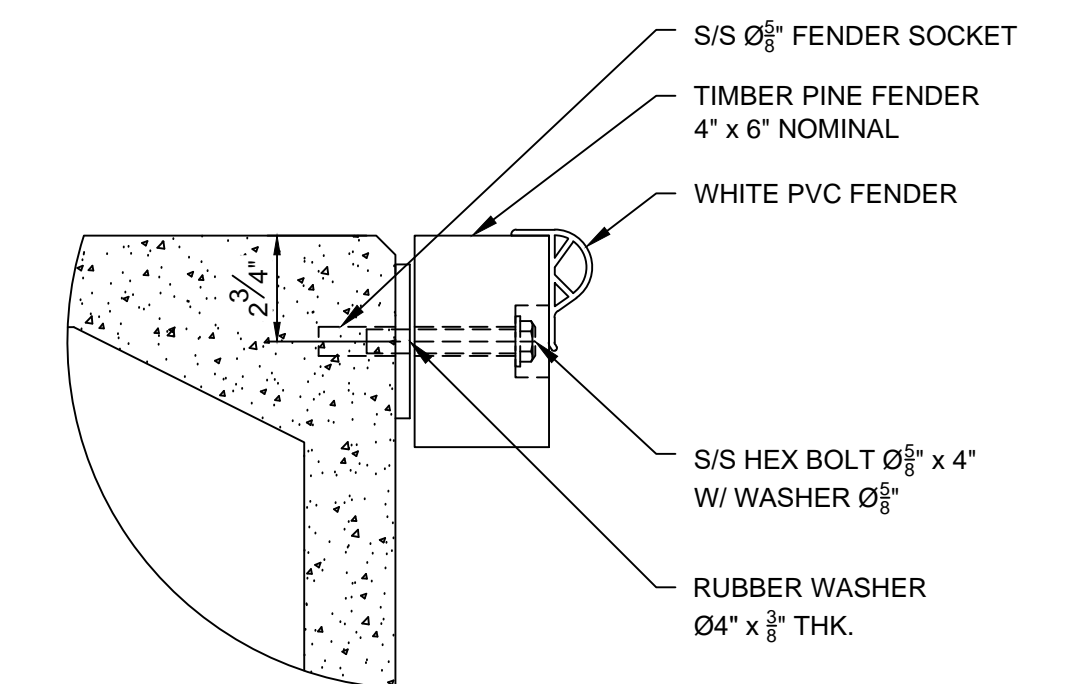
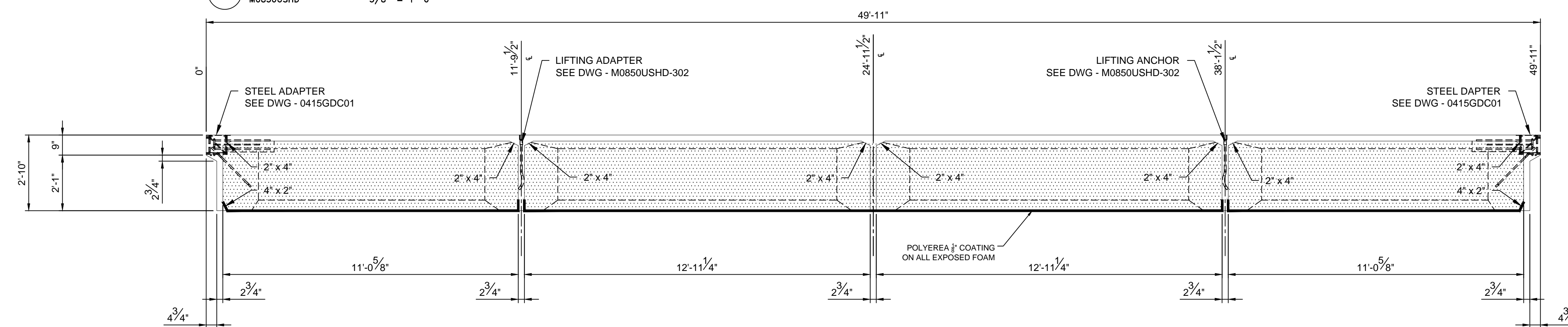
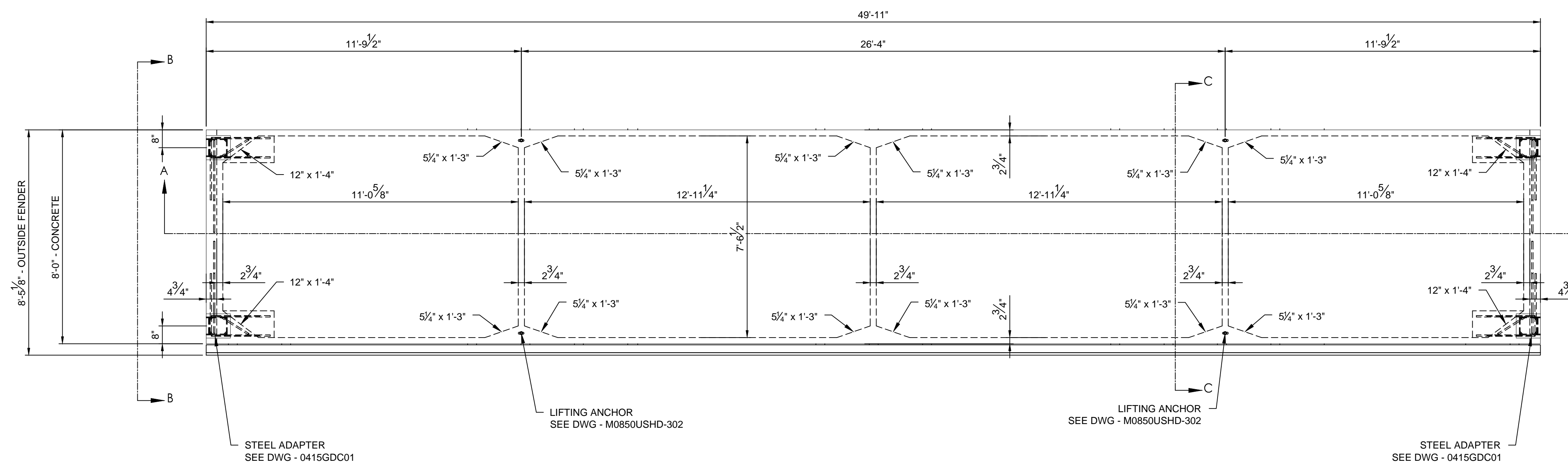
PLAN VIEW  
SECTION D  
1" = 20'-0"

|         |                         |                  |          |  |                   |   |  |                  |
|---------|-------------------------|------------------|----------|--|-------------------|---|--|------------------|
| REV: 01 | DESC: ADD CLEAT         | DATE: 2017/08/15 | BY: C.B. | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA<br><br>TITLE: CLEAT LAYOUT SECTION D<br>SUBMITTAL | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue South<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415    |
| REV: 02 | DESC: REVISED SUBMITTAL | DATE: 2017/08/31 | BY: C.B. |  | APPROVED BY: R.M. |   |  | DWG: 0415LMC03   |
| REV: -  | DESC: -                 | DATE: -          | BY: -    |  | REFERENCE: -      |   |  | DATE: 2017-06-06 |

### THEORETICAL UNIT WEIGHT

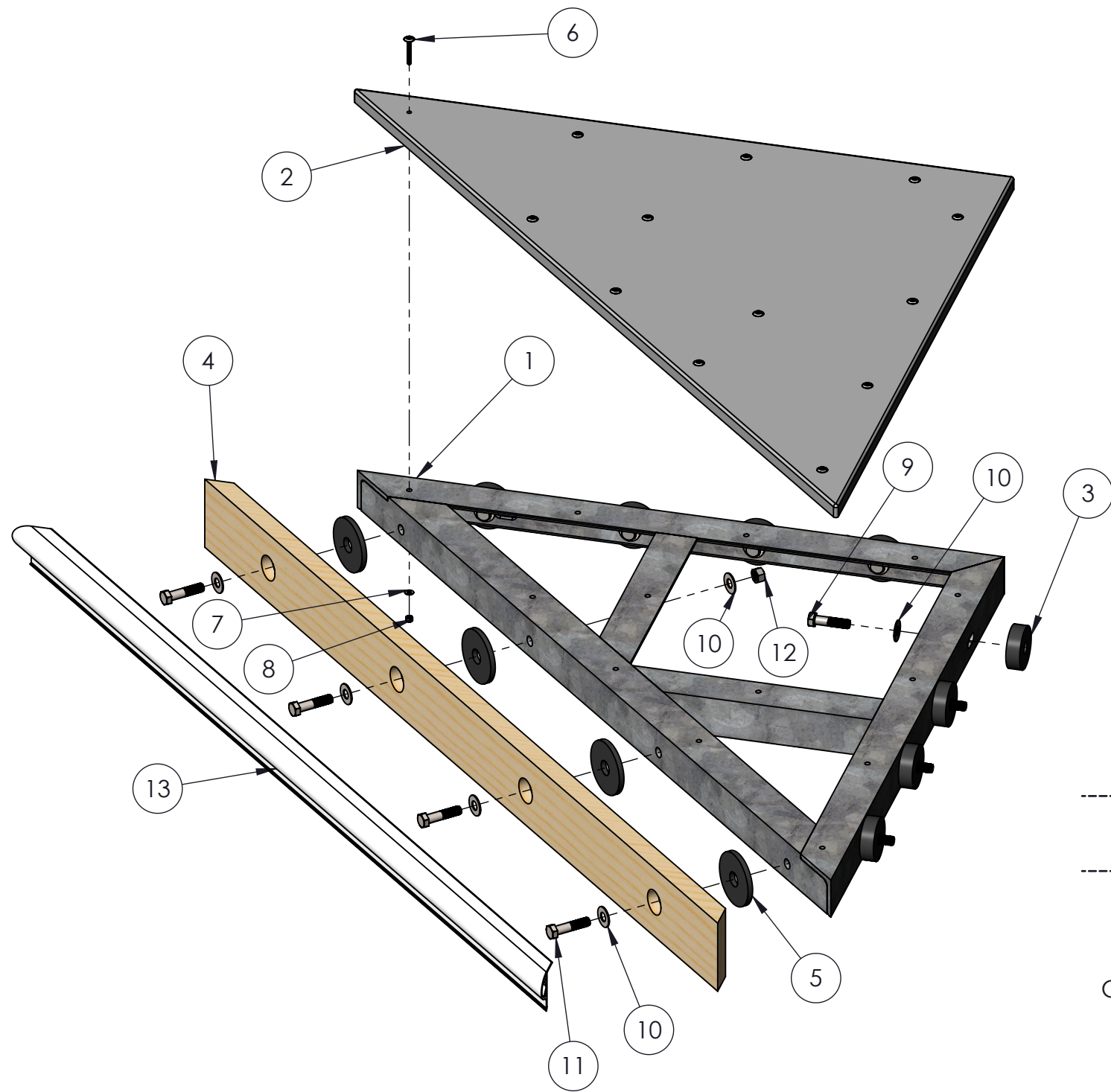
|                                       | VOLUME                 | DENSITY                  | WEIGHT                  |
|---------------------------------------|------------------------|--------------------------|-------------------------|
| CONCRETE                              | 203.25 ft <sup>3</sup> | 143.6 lb/ft <sup>3</sup> | 29 183.25 lb            |
| FLOATING ELEMENTS - EPS               | 928.50 ft <sup>3</sup> | 1 lb/ft <sup>3</sup>     | 928.50 lb               |
| REINFORCEMENT                         |                        |                          |                         |
| REBAR                                 |                        |                          | 715.06 lb               |
| MESH                                  |                        |                          | 607.80 lb               |
| EQUIPMENT                             |                        |                          |                         |
| ACCESSORIES                           |                        |                          | 271.68 lb               |
| FENDER                                |                        |                          | 524.88 lb               |
| THEORETICAL WEIGHT OF PONTOON (TOTAL) |                        |                          | 32 231.17 lb            |
| SEA WATER DENSITY                     |                        |                          | 63.8 lb/ft <sup>3</sup> |
| NOMINAL FREEBOARD                     |                        |                          | 18.57 in                |

ATTENTION:  
Formwork may be struck only after the concrete has reached 42% of its nominal compressive strength.  
Curing of concrete has to be continued until the concrete has reached 60% of its nominal compressive strength and temperature of the structure may not drop more than 86 F (30°C) during first 20 hours after stripping the formwork.



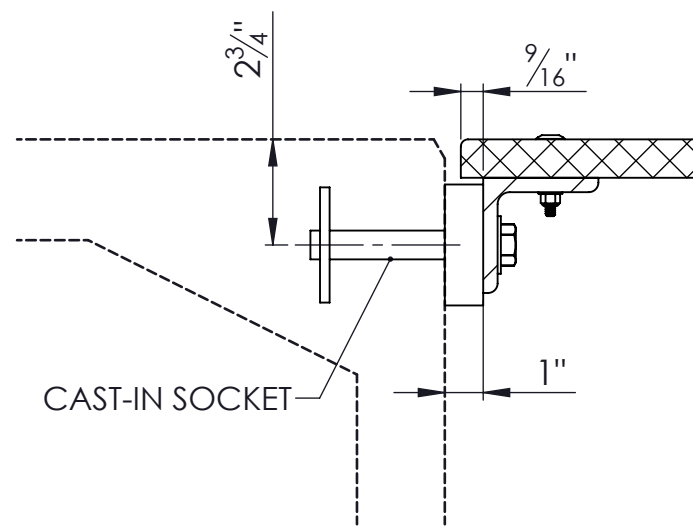
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|--------|---------|---------|-------|---|-------------------|--|--------------------------------|
| REV: - | DESC: - | DATE: - | BY: - | PROPERTY INFORMATION  | DRAWN BY: C.B.    | PROJECT: SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA          | PROJECT: 0415                  |
| REV: - | DESC: - | DATE: - | BY: - | Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | APPROVED BY: R.M. | TITLE: HEAVY DUTY PONTOON - M0850USHD<br>DIMENSION AND EQUIPMENT | DWG: 0415CMD01 - M0850USHD-300 |
| REV: - | DESC: - | DATE: - | BY: - |   | REFERENCE: -      |  | DATE: 2017-06-06<br>REV: 00    |

**MARINETEK**  
MARINETEK NORTH AMERICA INC.  
222 14th Avenue South  
St. Petersburg, Florida 33701  
Tel: (877) 909-3625  
Web: www.marinetek.net

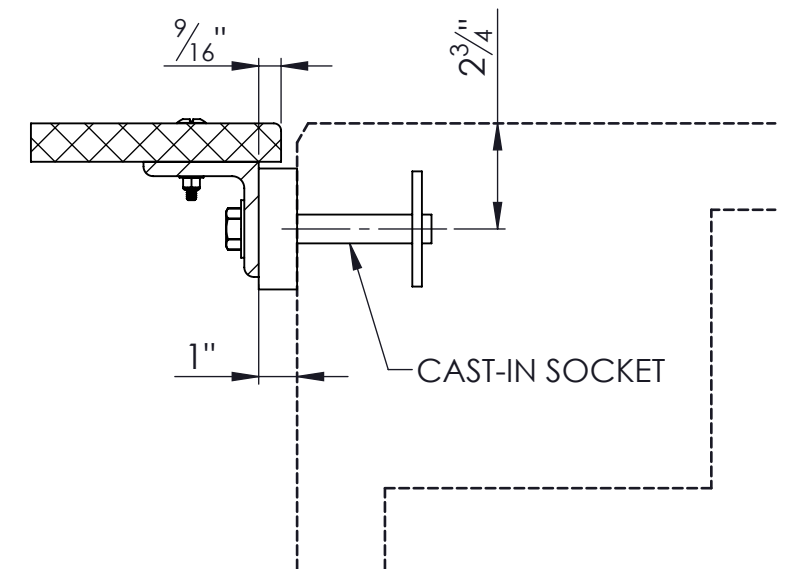


| ITEM NO. | DESCRIPTION                                | LENGTH  | QTY. |
|----------|--|---------|------|
| 1        | HDG CORNER WALK FRAME - 4ft x 4ft          | -       | 1    |
| 2        | FRP PANEL - LIGHT-GRAY 1"THK x 48"         | 48"     | 1    |
| 3        | EPDM RUBBER DIA 3.15" x 1" THK             | -       | 8    |
| 4        | TIMBER PINE FENDER 2" x 6" NOMINAL         | 71 3/4" | 1    |
| 5        | EPDM RUBBER SPACER DIA 4.00" x 0.375" THK. | -       | 4    |
| 6        | S/S LW PR WD HD FLT HD MCH SCR 0.25" x 2"  | -       | 13   |
| 7        | SST WASHER DIA 1/4"                        | -       | 13   |
| 8        | SST NYLON INSERT LOCKNUT 1/4"-20           | -       | 13   |
| 9        | SST HEX BOLT 0.625"-11 x 2.50"             | -       | 8    |
| 10       | S/S WASHER 0.625"                          | -       | 16   |
| 11       | S/S HEX BOLT 0.625"-11 X 2.75"             | -       | 4    |
| 12       | S/S NUT 0.625"-11                          | -       | 4    |
| 13       | WHITE PVC P FENDER                         | 71 3/4" | 1    |

**QUANTITY TO BUILD = 10x**  
**THE MANUFACTURER MUST SUPPLY ITEM**  
**#1, #9, #10, #11 AND #12**  
**MARINETEK WILL SUPPLY EVERYTHING ELSE**



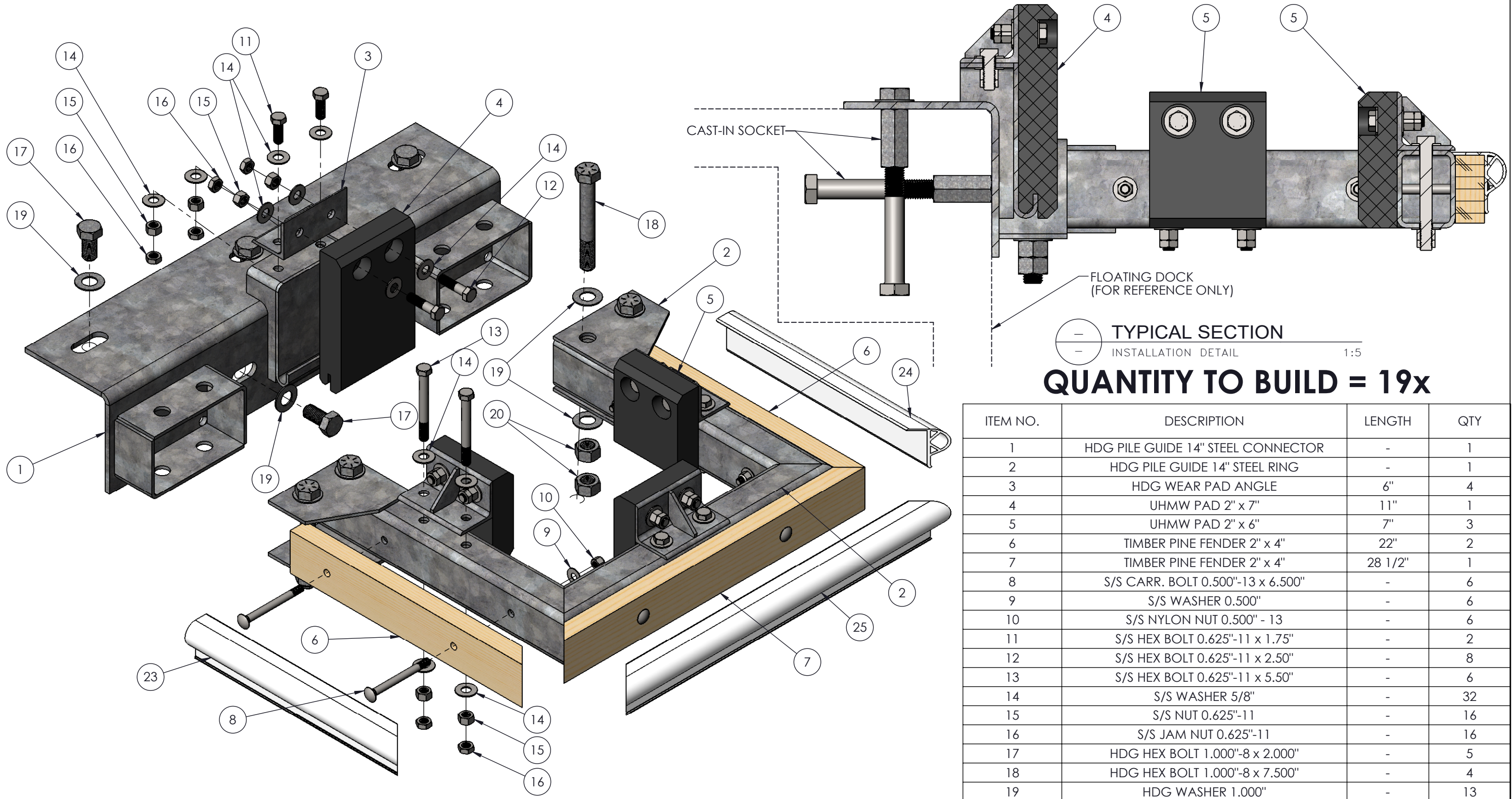
— TYPICAL SECTION  
 — MAIN PONTOON DETAIL 1:5



— TYPICAL SECTION  
 — FINGER DOCK DETAIL 1:5

— EXPLODED VIEW  
 — INSTALLATION DETAIL NTS

|        |         |         |       |  |                   |   |  |                  |         |
|--------|---------|---------|-------|--|-------------------|---|--|------------------|---------|
| REV: - | DESC: - | DATE: - | BY: - | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | <b>PROJECT:</b><br>SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA<br><br><b>TITLE:</b><br>CORNER WALK ASSEMBLY 4' x 4'<br>INSTALLATION DETAIL | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue S.<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415    |         |
| REV: - | DESC: - | DATE: - | BY: - |  | APPROVED BY: R.M. |   |  | DWG: 0415GCW02   |         |
| REV: - | DESC: - | DATE: - | BY: - |  | REFERENCE: -      |   |  | DATE: 2017-06-06 | REV: 00 |



(---) TYPICAL SECTION  
 (---) INSTALLATION DETAIL 1:5  
**QUANTITY TO BUILD = 19x**

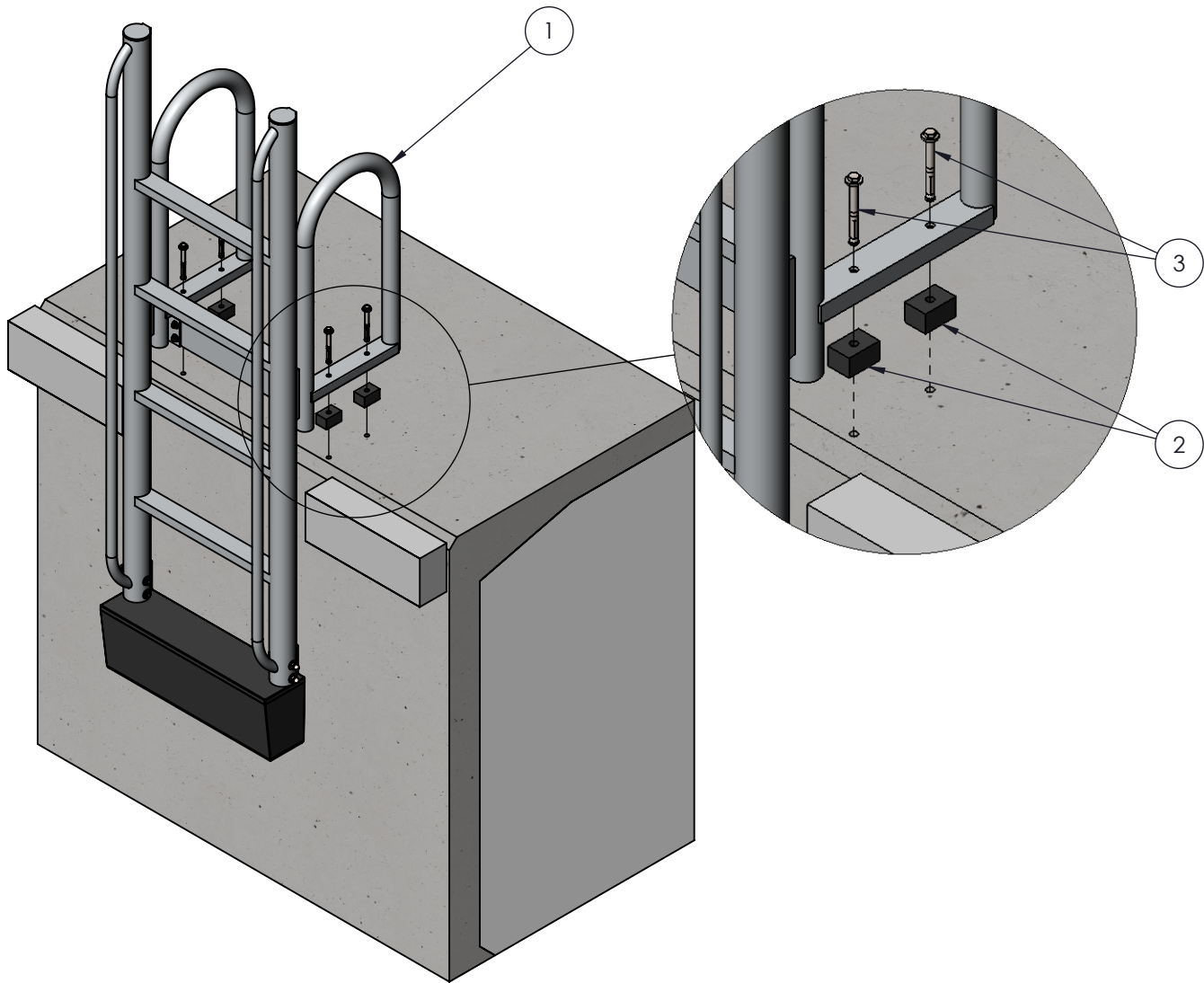
| ITEM NO. | DESCRIPTION                        | LENGTH  | QTY |
|----------|------------------------------------|---------|-----|
| 1        | HDG PILE GUIDE 14" STEEL CONNECTOR | -       | 1   |
| 2        | HDG PILE GUIDE 14" STEEL RING      | -       | 1   |
| 3        | HDG WEAR PAD ANGLE                 | 6"      | 4   |
| 4        | UHMW PAD 2" x 7"                   | 11"     | 1   |
| 5        | UHMW PAD 2" x 6"                   | 7"      | 3   |
| 6        | TIMBER PINE FENDER 2" x 4"         | 22"     | 2   |
| 7        | TIMBER PINE FENDER 2" x 4"         | 28 1/2" | 1   |
| 8        | S/S CARR. BOLT 0.500"-13 x 6.500"  | -       | 6   |
| 9        | S/S WASHER 0.500"                  | -       | 6   |
| 10       | S/S NYLON NUT 0.500" - 13          | -       | 6   |
| 11       | S/S HEX BOLT 0.625"-11 x 1.75"     | -       | 2   |
| 12       | S/S HEX BOLT 0.625"-11 x 2.50"     | -       | 8   |
| 13       | S/S HEX BOLT 0.625"-11 x 5.50"     | -       | 6   |
| 14       | S/S WASHER 5/8"                    | -       | 32  |
| 15       | S/S NUT 0.625"-11                  | -       | 16  |
| 16       | S/S JAM NUT 0.625"-11              | -       | 16  |
| 17       | HDG HEX BOLT 1.000"-8 x 2.000"     | -       | 5   |
| 18       | HDG HEX BOLT 1.000"-8 x 7.500"     | -       | 4   |
| 19       | HDG WASHER 1.000"                  | -       | 13  |
| 20       | HDG HEX NUT 1.000"-8               | -       | 8   |
| 23       | WHITE PVC P FENDER                 | 19"     | 1   |
| 24       | WHITE PVC P FENDER                 | 19"     | 1   |
| 25       | WHITE PVC P FENDER                 | 28 1/2" | 1   |

(---) EXPLODED VIEW  
 (---) INSTALLATION DETAIL NTS

PIECE NO 6, 7, 23, 24 AND 25 SUPPLY BY MARINETEK NORTH AMERICA

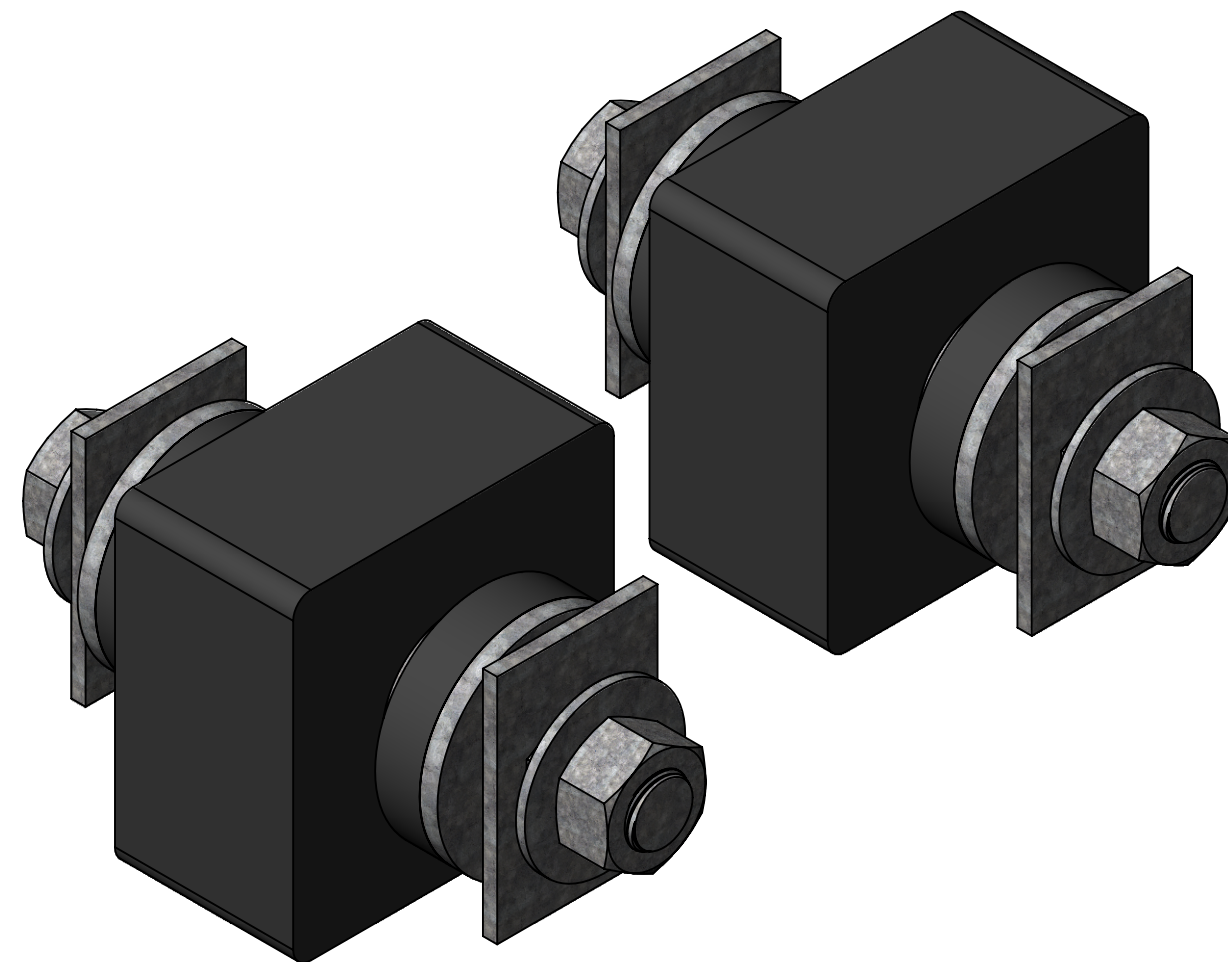
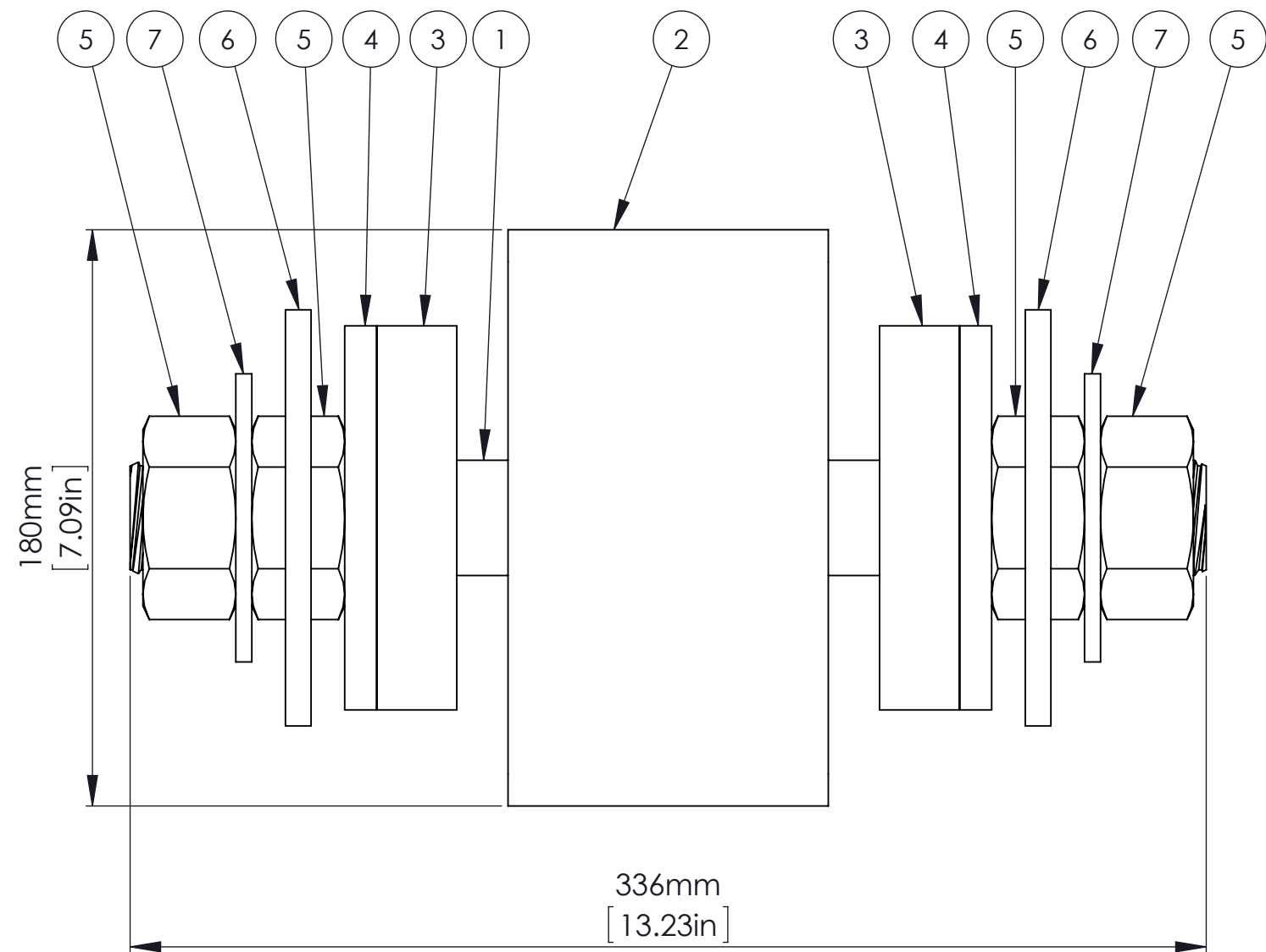
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|--------|---------|---------|-------|--|-------------------|--|--|------------------|---------|
| REV: - | DESC: - | DATE: - | BY: - | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY: C.B.    | <b>PROJECT:</b><br>SLIDELL MUNICIPAL MARINA<br>SLIDELL, LOUISIANA<br><br><b>TITLE:</b><br>HDG EXTERNAL PILE GUIDE 14"<br>INSTALLATION DETAIL WITH FENDER | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue S.<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415    |         |
| REV: - | DESC: - | DATE: - | BY: - |  | APPROVED BY: R.M. |  |  | DWG: 0415GPG03   |         |
| REV: - | DESC: - | DATE: - | BY: - |  | REFERENCE: -      |  |  | DATE: 2017-06-06 | REV: 00 |

| TITLE                                      |  |        | QUANTITY |
|--|--|--------|----------|
| ALU. FLOATSTEP LADDER-4 STEP-CONCRETE DOCK |  |        | 5        |
| ITEM NO.                                   | DESCRIPTION                              | LENGTH | QTY      |
| 1  | "FLOATSTEP" LADDER - 4 STEP              | -      | 1        |
| 2  | UHMW SPACER 2" x 1 3/8"                  | 1 1/8" | 4        |
| 3  | WEDGE BOLT ANCHOR 0.375" x 3.5" W/WASHER | -      | 4        |




**MARINETEK**

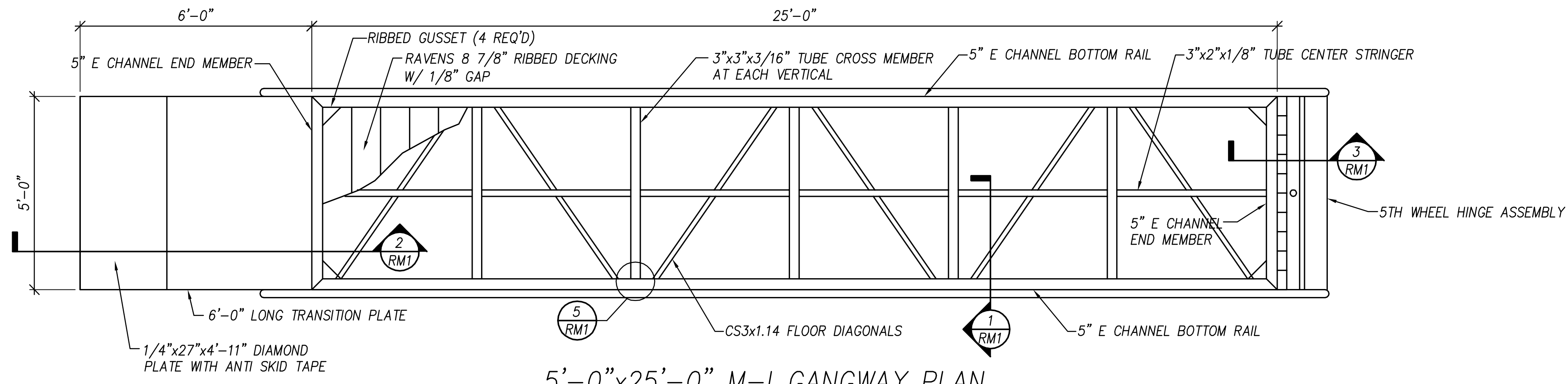
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|--|-------------------------------|--------------------|-------------------------------|--------------------|
| DRAWN BY<br>C.B.   | DATE (dd/mm/yy)<br>2017-01-19 | CHECK BY<br>R.M.   | DATE (dd/mm/yy)<br>2017-05-05 | PROJECT NO<br>0415 |
| FILE NAME<br>0415ALD01 - Alum Ladder 4 Step - concrete.SLD |                               |                    | PURCHASE ORDER<br>-           |                    |
| SCALE<br>1:16  | DRAWING NO<br>0415ALD01       | SHEET NO<br>1 OF 2 | REV                           |                    |



**QUANTITY = 14x**

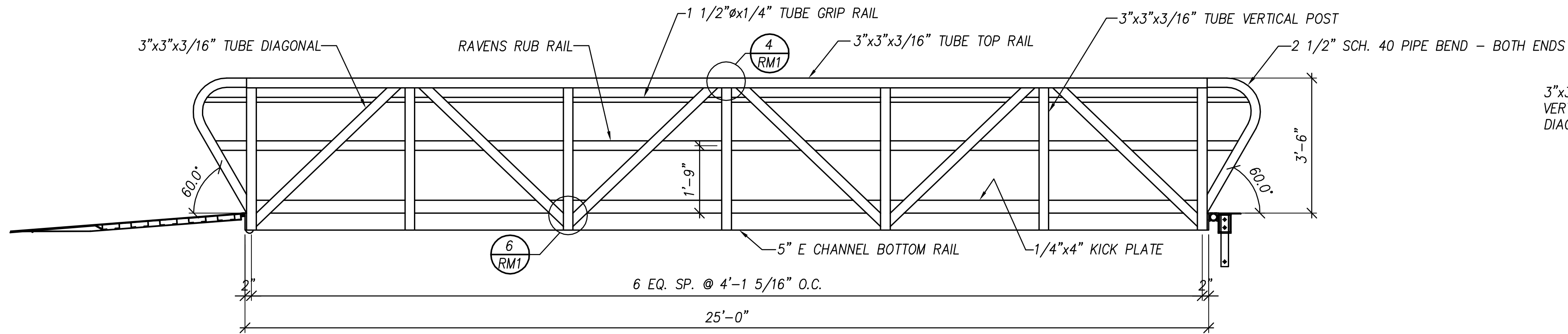
| ITEM NO. | PART NUMBER | DESCRIPTION   | LENGTH | QTY |
|----------|-------------|---|--------|-----|
| 1        | 91360020    | HDG FIXING BAR M36                                  | 350    | 2   |
| 2        | 93180100    | EPDM RUBBER 180 x 180 x 100 (7.09" x 7.09" x 3.94") | -      | 2   |
| 3        | 93120020    | EPDM RUBBER 25 x 120 (1.0" x 4.75")                 | -      | 4   |
| 4        | 90080370    | HDG FIXING SET WASHER M36, d=120                    | -      | 4   |
| 5        | 90040360    | HDG NUT M36, DIN 934                                | -      | 8   |
| 6        | 10001344    | HDG FIXING SET LOCKING PLATE PE, HD                 | -      | 4   |
| 7        | 90070360    | HDG LARGE WASHER M36, DIN 9021                      | -      | 4   |

|        |         |         |       |  |                        |  |   |                  |         |
|--------|---------|---------|-------|--|------------------------|--|---|------------------|---------|
| REV: - | DESC: - | DATE: - | BY: - | <b>PROPERTY INFORMATION</b><br>Drawings, schemes or other designs produced or delivered by Marinetek North America Inc. relating to the Products are the sole property of Marinetek and may not be used or utilized without a prior written approval by Marinetek. All dimensions are nominal and should not be used as basis of any calculations by the customer. | DRAWN BY:<br>C.B.      | PROJECT:<br><b>SLIDELL MUNICIPAL MARINA</b><br>SLIDELL, LOUISIANA<br><br>TITLE:<br><b>USHD FIXING SET PAIR</b> | <br>MARINETEK NORTH AMERICA INC.<br>222 14th Avenue S.<br>St. Petersburg, Florida 33701<br>Tel: (877) 909-3625<br>Web: www.marinetek.net | PROJECT: 0415    |         |
| REV: - | DESC: - | DATE: - | BY: - |  | APPROVED BY:<br>R.M.   |  |   | DWG: 10301210    |         |
| REV: - | DESC: - | DATE: - | BY: - |  | REFERENCE:<br>10301210 |  |   | DATE: 2017-06-06 | REV: 00 |

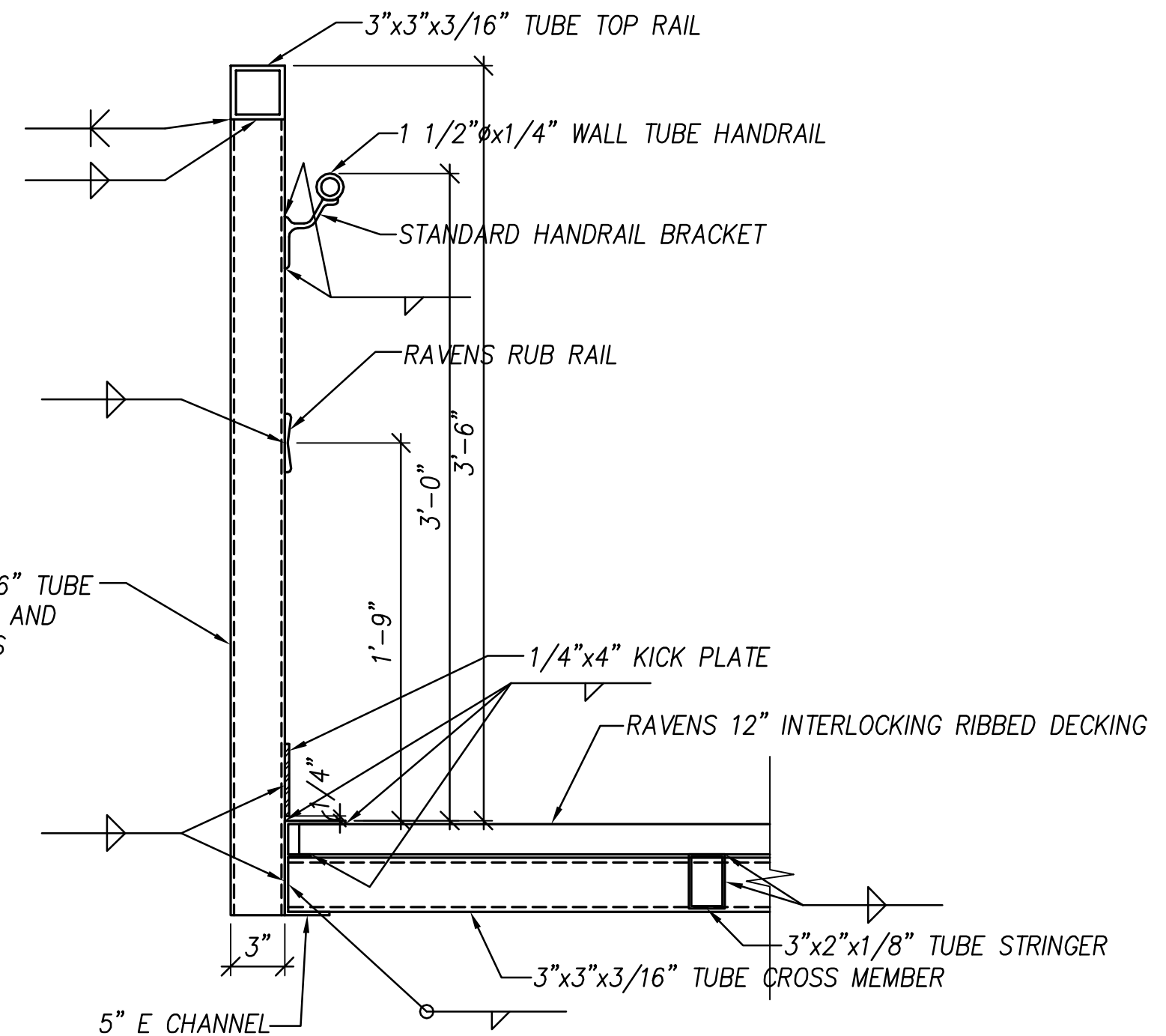


5'-0"x25'-0" M-1 GANGWAY PLAN  
SCALE 1/2" = 1'-0"

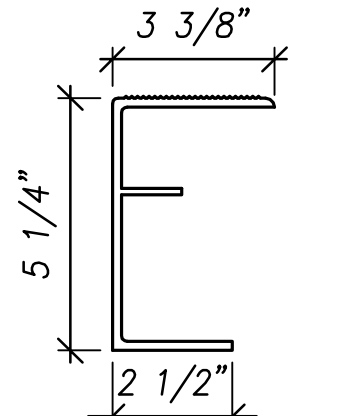
- NOTES:**
1. REFERENCED CODES AND DESIGN STANDARDS: THE ALUMINUM ASSOCIATION SPECIFICATIONS & GUIDELINES, 2005 EDITION; ALUMINUM STRUCTURES, A GUIDE TO THEIR SPECIFICATIONS AND DESIGN; AWS D1.2/D1.2M STRUCTURAL WELDING CODE - ALUMINUM
  2. DESIGN LIVE LOAD = 50 PSF OR 300 LB POINT LOAD
  3. WIND LOAD = 35 PSF APPLIED NORMAL TO FULL VERTICAL PROJECTED AREA OF BRIDGE AS IF ENCLOSED
  4. HANDRAIL LOAD: 50 PLF OR 200 LB POINT LOAD IN ANY DIRECTION BUT NOT CONCURRENTLY
  5. MAXIMUM VERTICAL DEFLECTION = L/240
  6. ALL ALUMINUM 6061-T6 FRAMING WITH MILL FINISH
  7. ALL FASTENERS ASTM F593 TYPE 304 STAINLESS STEEL
  8. 100% MIG WELDED CONSTRUCTION WITH 5356 ALLOY FILLER
  9. ALL WELDS 3/16" FILLET, TYP. UNLESS NOTED OTHERWISE
  10. GANGWAY HINGE ATTACHMENT TO PIER/ABUTMENT IS DESIGNED AND INSTALLED BY OTHERS
  11. GANGWAY IS DESIGNED FOR A MAXIMUM SLOPE OF 1:3 OR APPROXIMATELY 18 DEGREES
  12. APPROXIMATE DEAD LOAD OF GANGWAY = 1,500 LBS



5'-0"x25'-0" M-1 GANGWAY ELEVATION  
SCALE 1/2" = 1'-0"

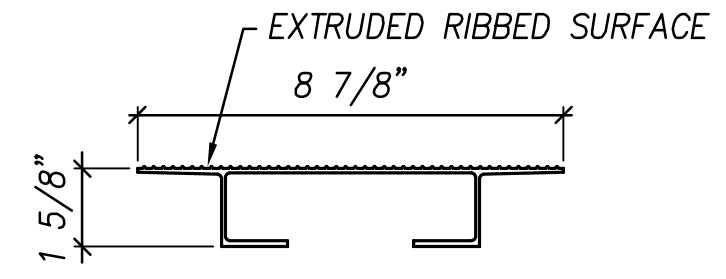


SECTION 1  
SCALE 1 1/2" = 1'-0"



A = 2.214 in<sup>2</sup> Sx = 3.13 in<sup>3</sup>  
Ix = 9.09 in<sup>4</sup> WEIGHT = 2.61 LBS/LF

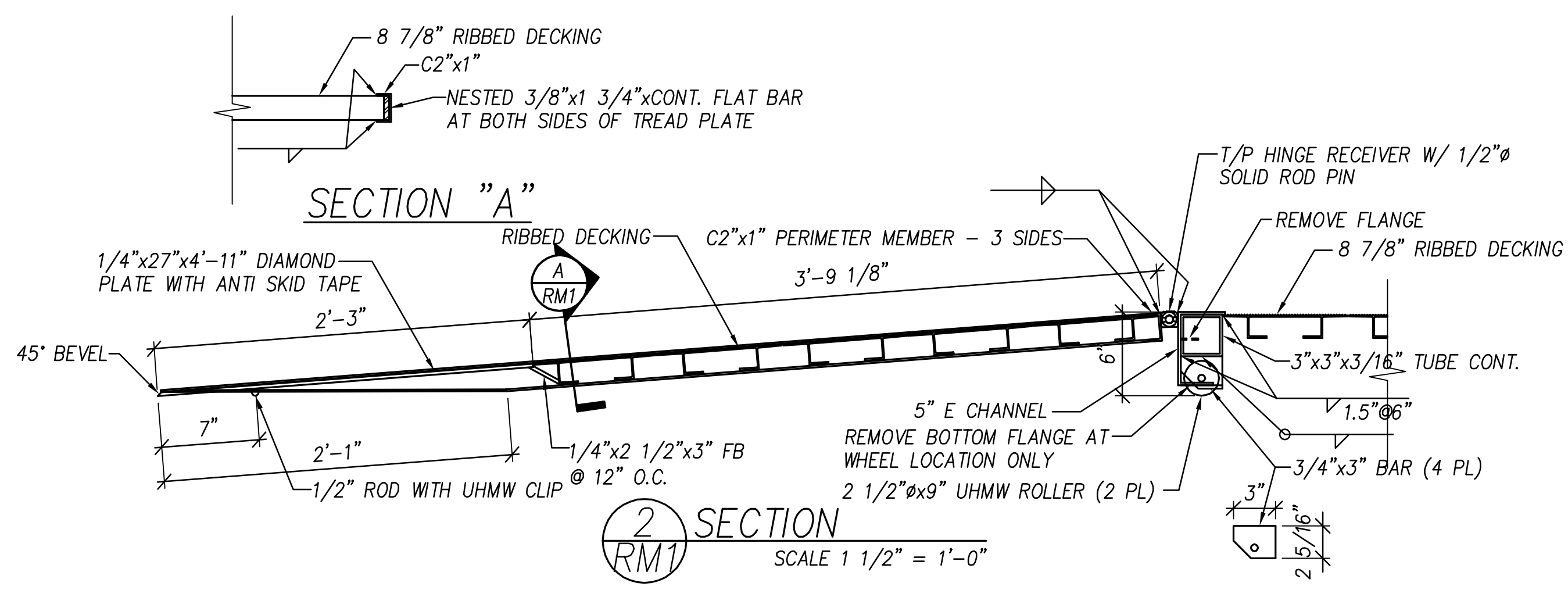
**5" E CHANNEL**



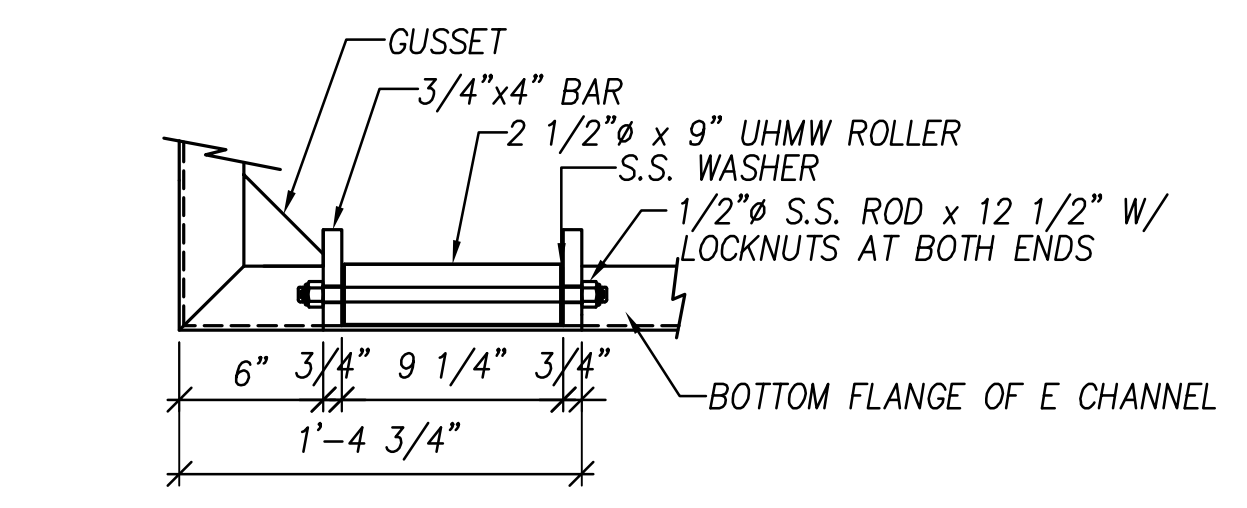
A = 1.507 in<sup>2</sup> Sx = 0.575 in<sup>3</sup>  
Ix = 0.643 in<sup>4</sup> WEIGHT = 1.78 LBS/LF

**8 7/8" RIBBED DECKING**

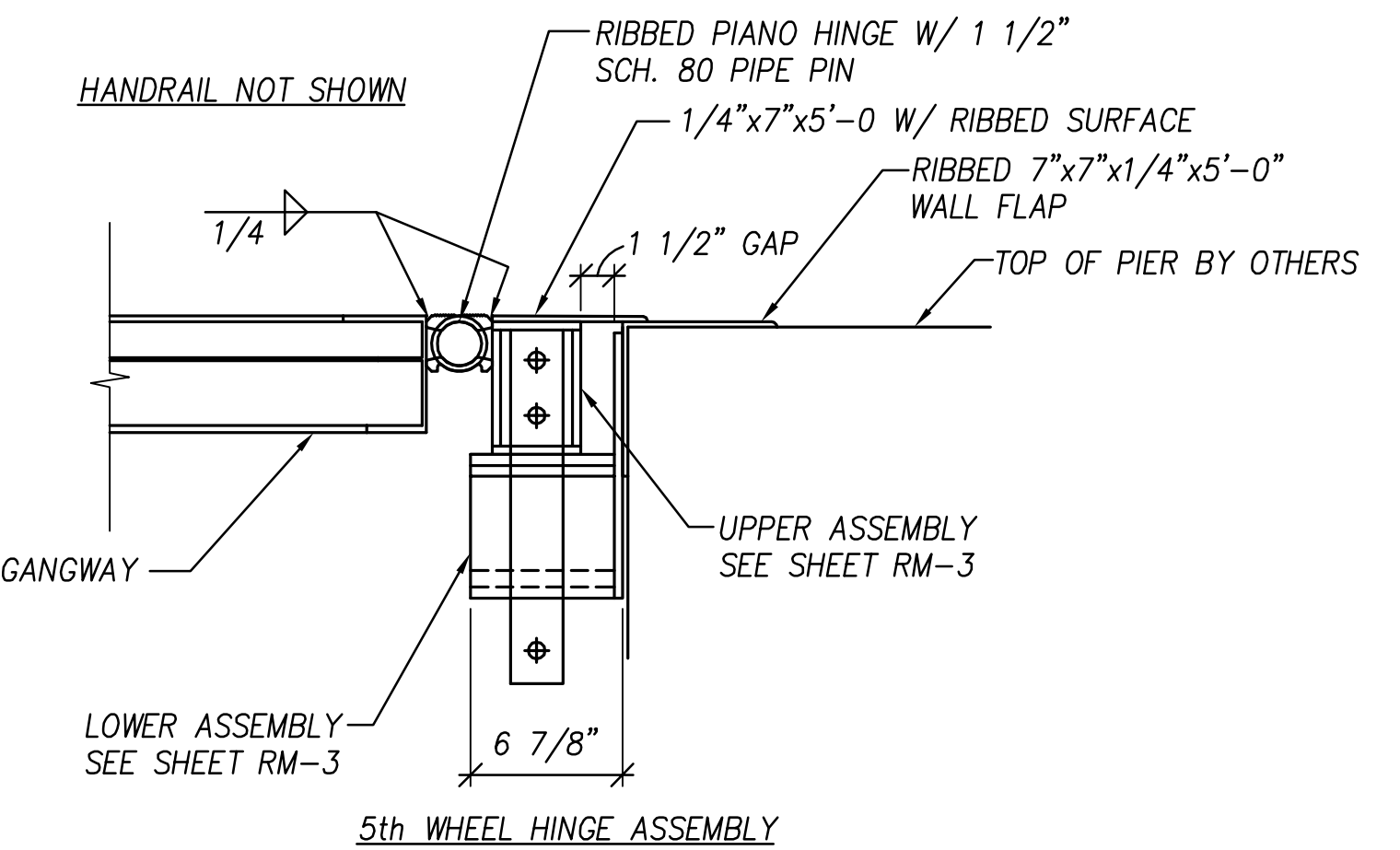
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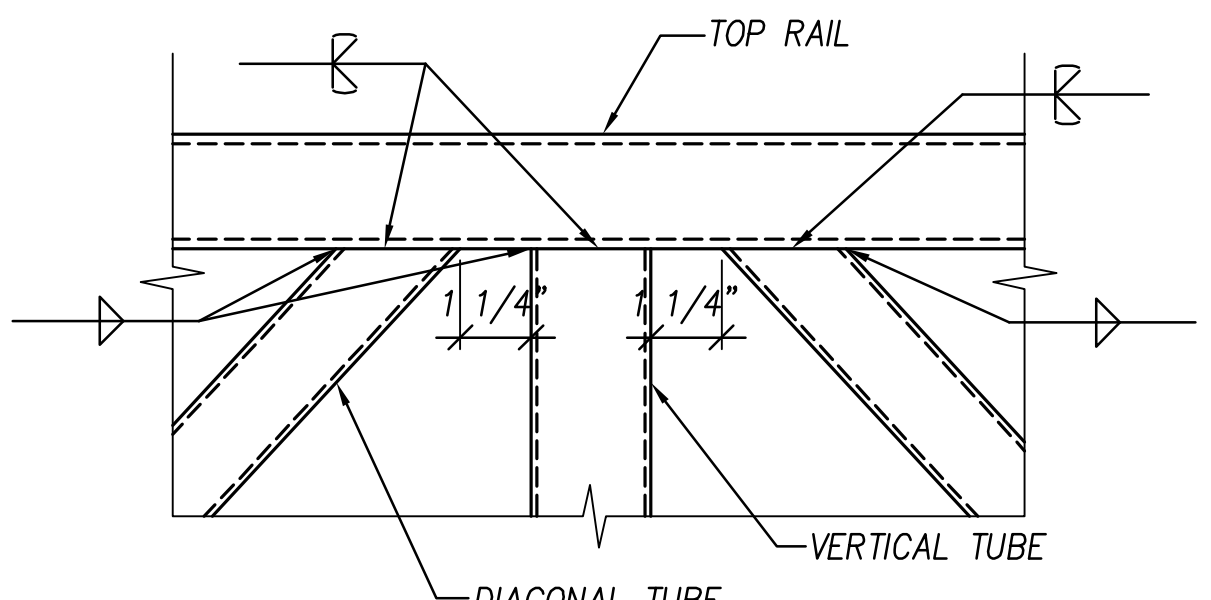
SECTION 2  
SCALE 1 1/2" = 1'-0"



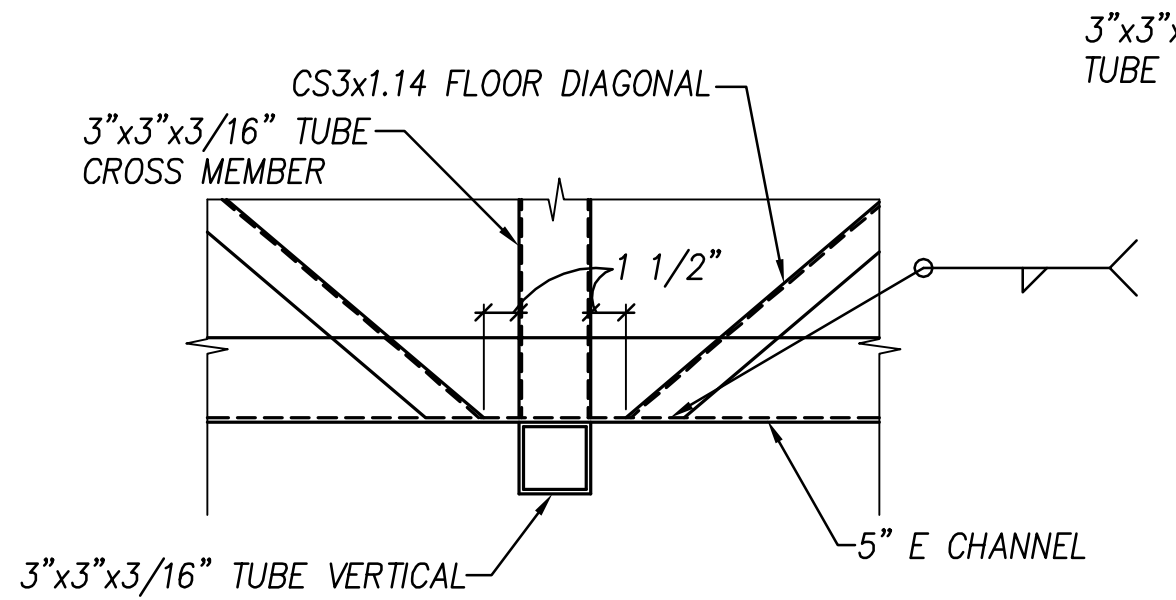
ROLLER END BOTTOM VIEW



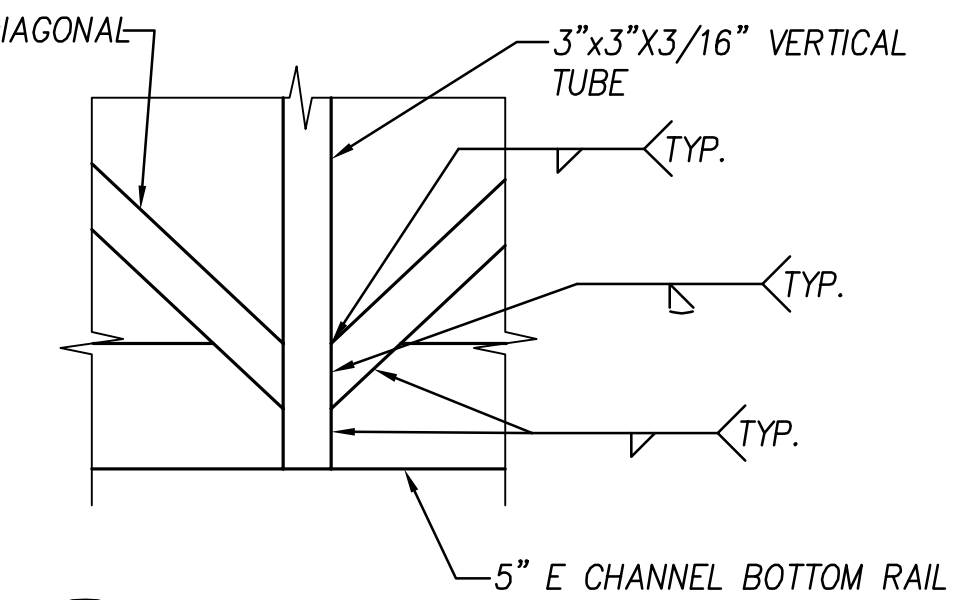
SECTION 3  
SCALE 1 1/2" = 1'-0"



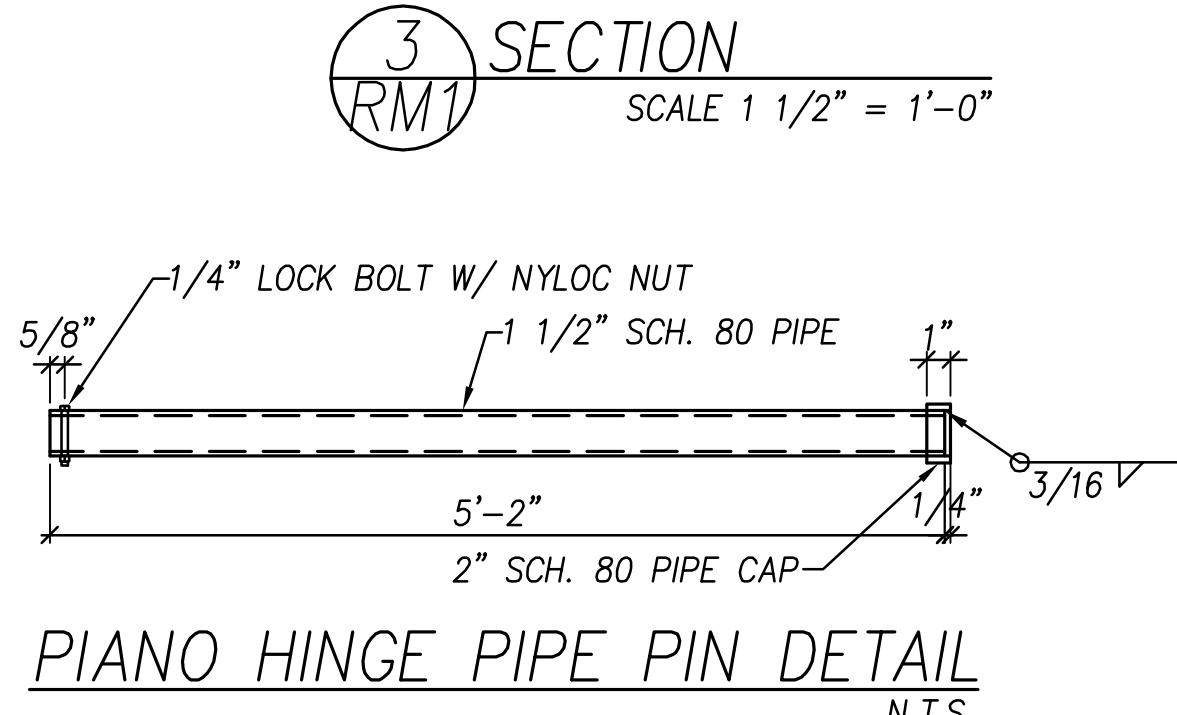
SECTION 4  
SCALE 3" = 1'-0"



SECTION 5  
SCALE 1 1/2" = 1'-0"

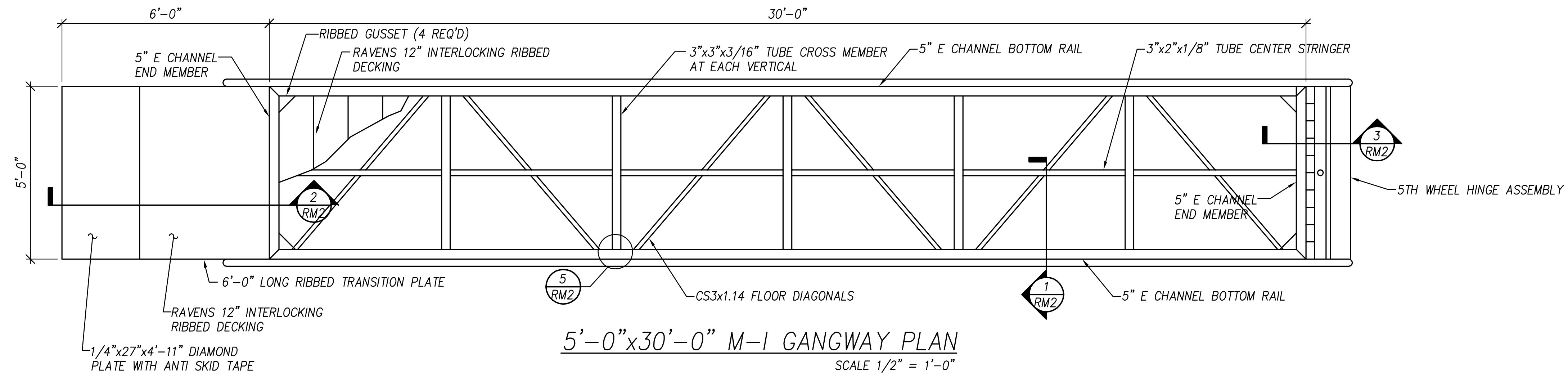


SECTION 6  
SCALE 3" = 1'-0"



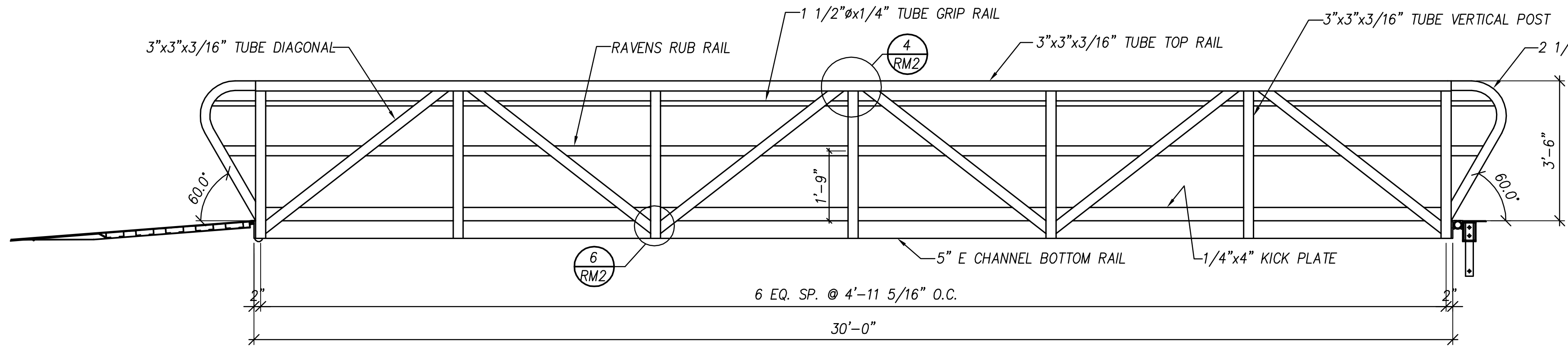
PIANO HINGE PIPE PIN DETAIL  
N.T.S.

**RAVENS MARINE INC.**  
3295 ORANGE AVENUE KISSIMMEE, FL  
PHONE: 407-935-9799 FAX: 407-935-9436  
SLIDELL MUNICIPAL MARINA AT HERITAGE PARK, SLIDELL, LA  
G.C. MARINETEK NORTH AMERICA, INC.  
5'-0"x25'-0" MARINER-I GANGWAY  
DATE: 5/12/17 SHEET: 1 OF 3 DWG NO.: RM-1

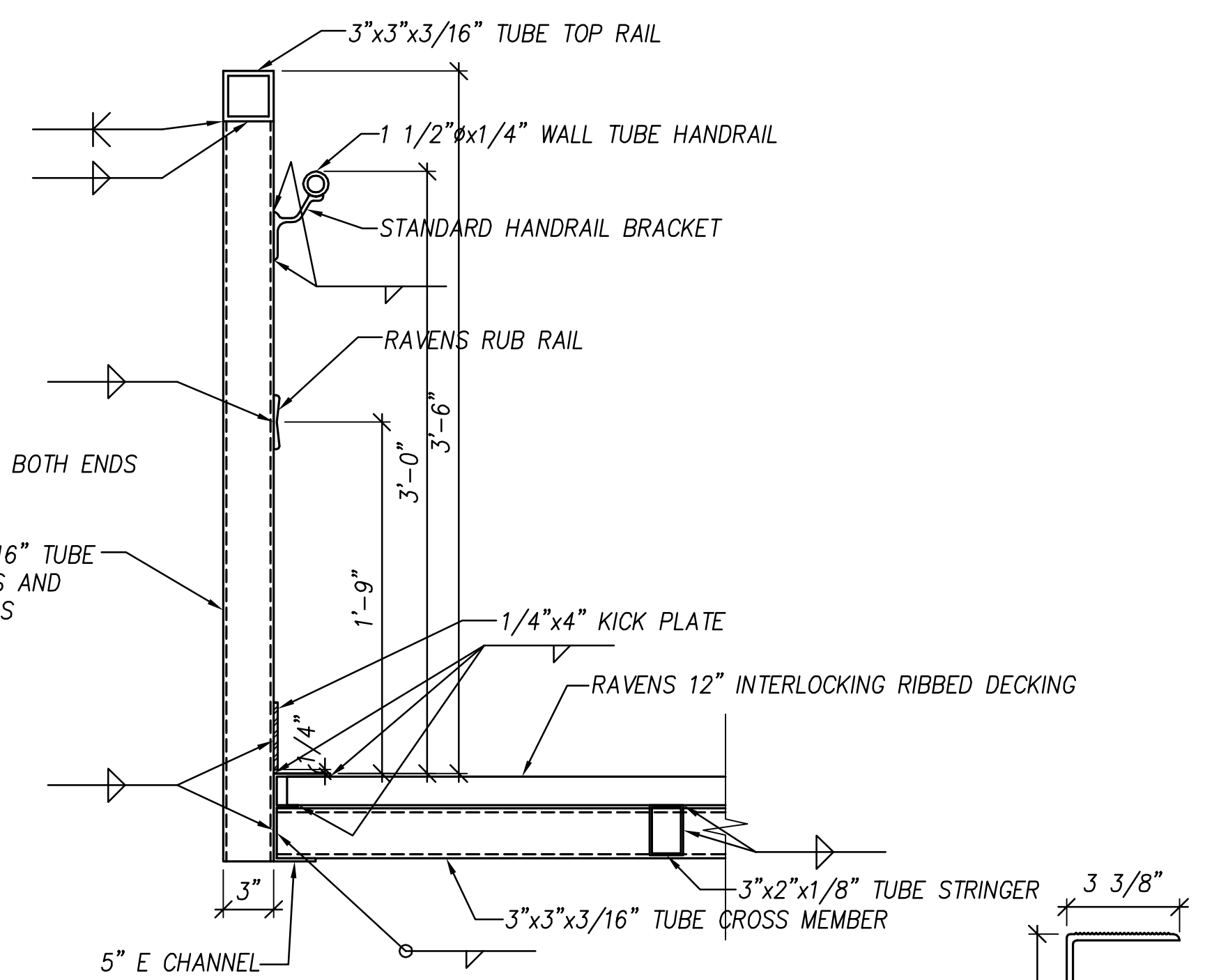


5'-0"x30'-0" M-1 GANGWAY PLAN  
SCALE 1/2" = 1'-0"

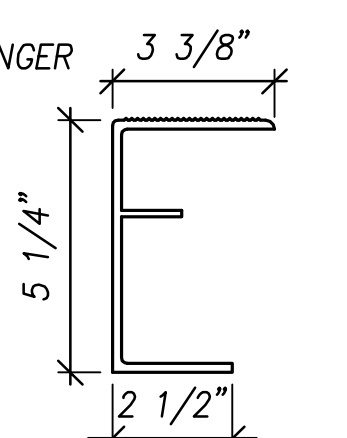
- NOTES:**
1. REFERENCED CODES AND DESIGN STANDARDS: THE ALUMINUM ASSOCIATION SPECIFICATIONS & GUIDELINES, 2005 EDITION; ALUMINUM STRUCTURES, A GUIDE TO THEIR SPECIFICATIONS AND DESIGN; AWS D1.2/D1.2M STRUCTURAL WELDING CODE - ALUMINUM
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  7. ALL FASTENERS ASTM F593 TYPE 304 STAINLESS STEEL
  8. 100% MIG WELDED CONSTRUCTION WITH 5356 ALLOY FILLER
  9. ALL WELDS 3/16" FILLET, TYP. UNLESS NOTED OTHERWISE
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  11. GANGWAY IS DESIGNED FOR A MAXIMUM SLOPE OF 1:3 OR APPROXIMATELY 18 DEGREES
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5'-0"x30'-0" M-1 GANGWAY ELEVATION  
SCALE 1/2" = 1'-0"

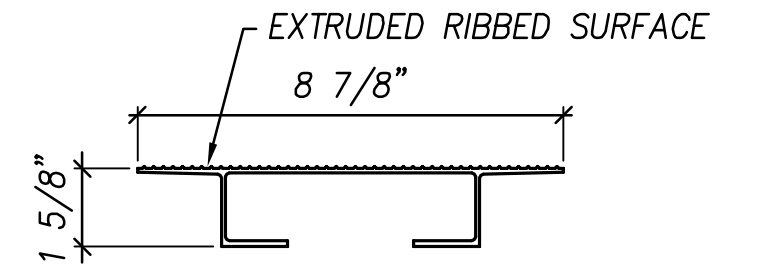


SECTION 1  
SCALE 1 1/2" = 1'-0"



A = 2.214 in<sup>2</sup> Sx = 3.13 in<sup>3</sup>  
Ix = 9.09 in<sup>4</sup> WEIGHT = 2.61 LBS/LF

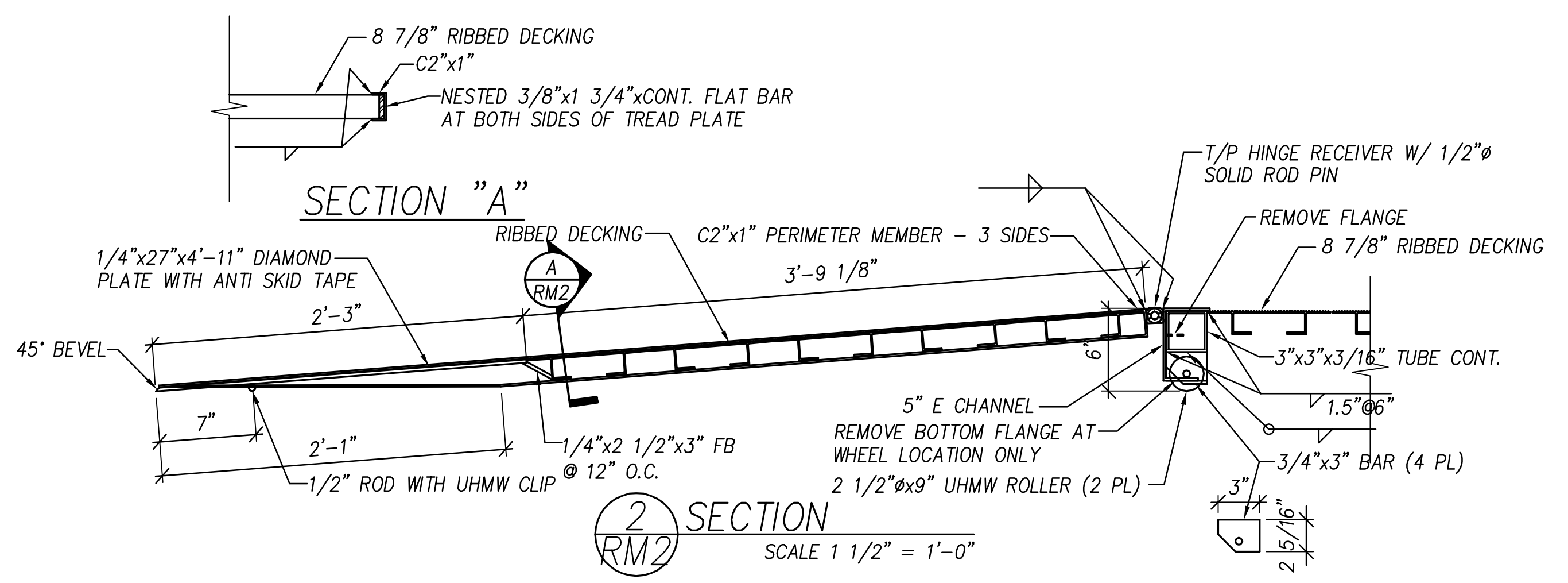
**5" E CHANNEL**



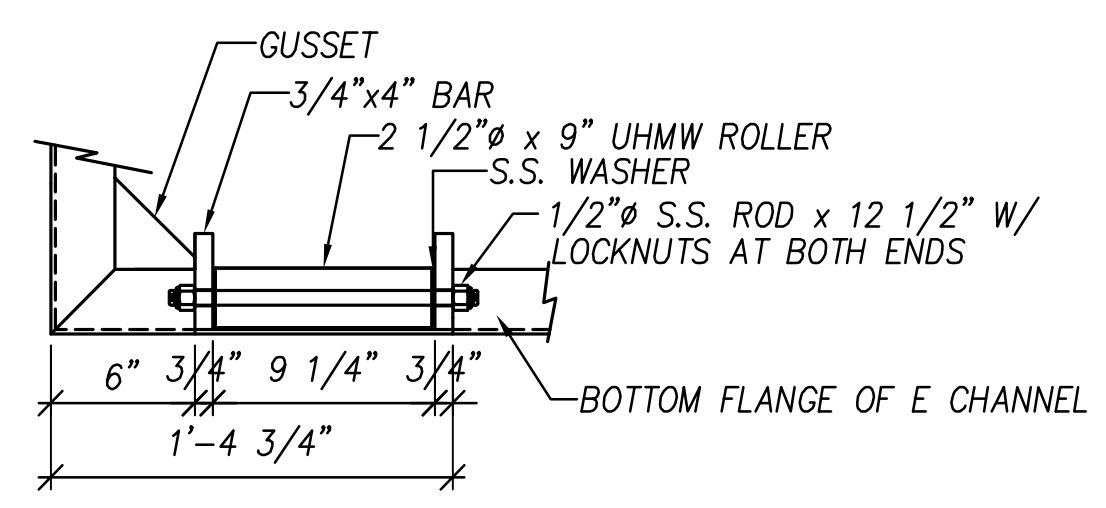
A = 1.507 in<sup>2</sup> Sx = 0.575 in<sup>3</sup>  
Ix = 0.643 in<sup>4</sup> WEIGHT = 1.78 LBS/LF

**8 7/8" RIBBED DECKING**

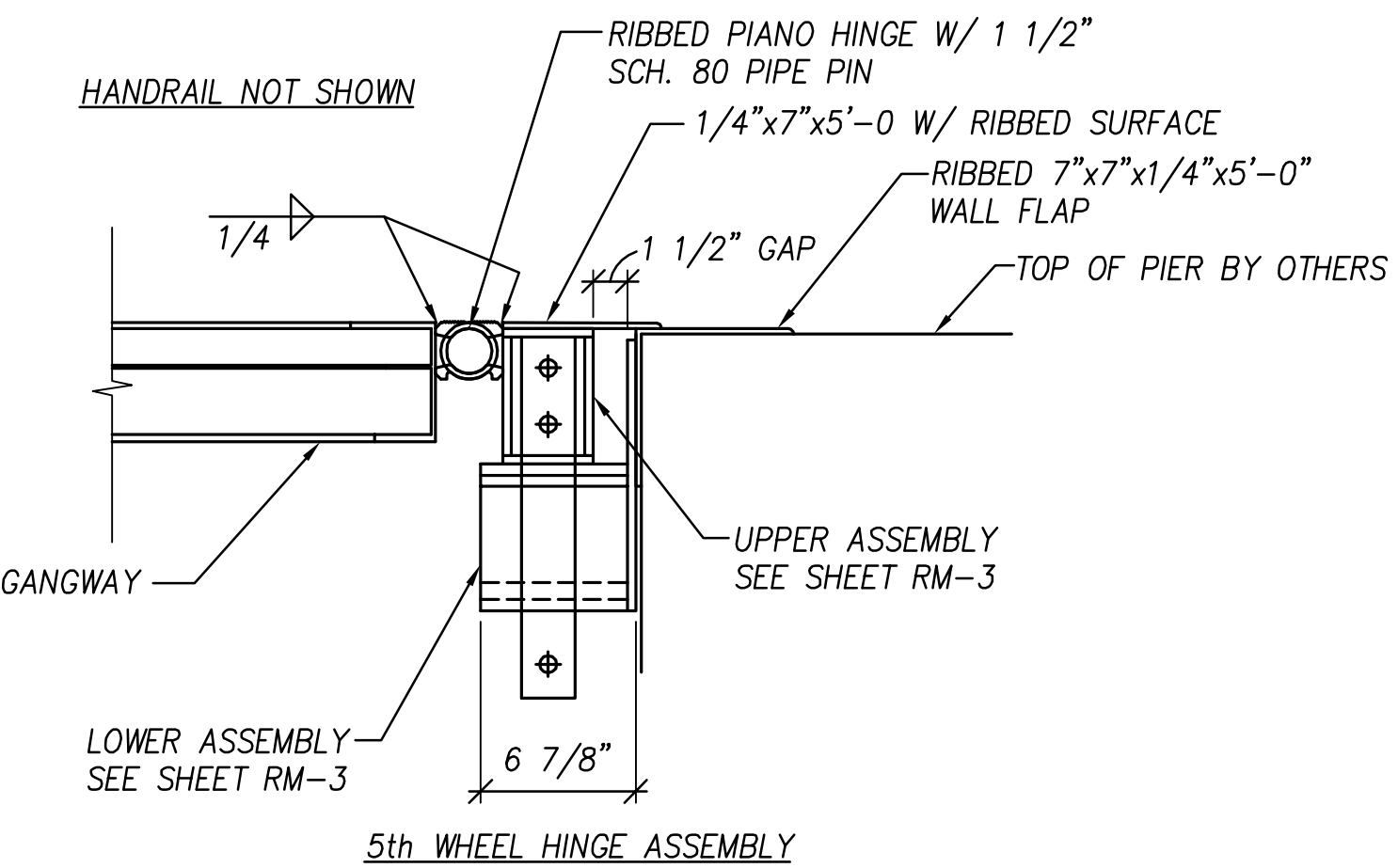
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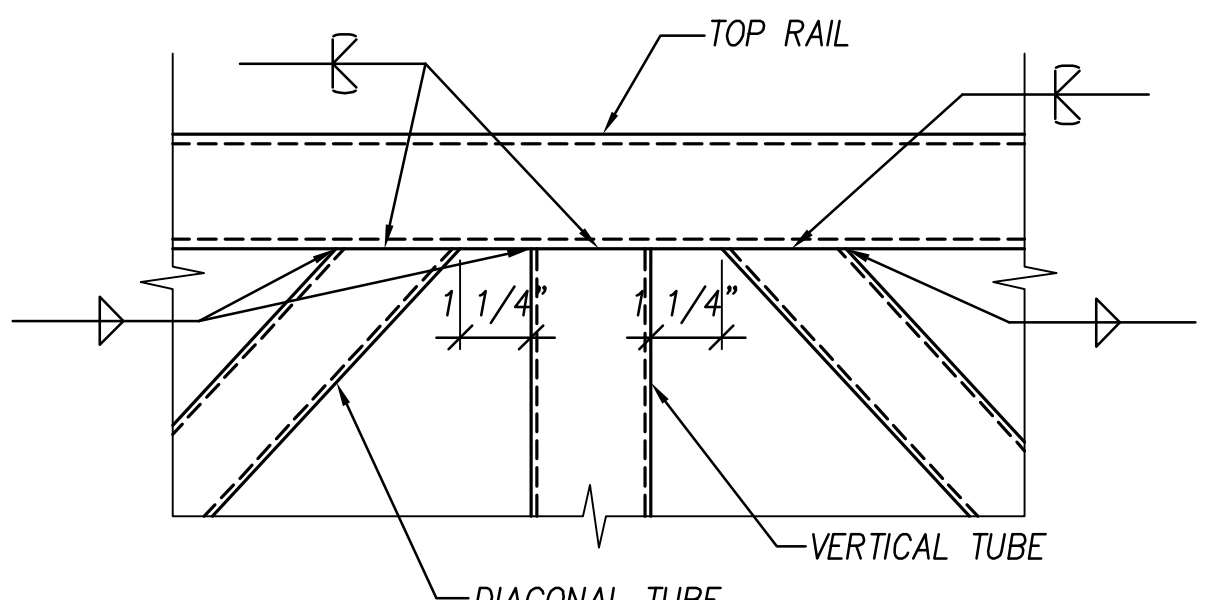
SECTION A  
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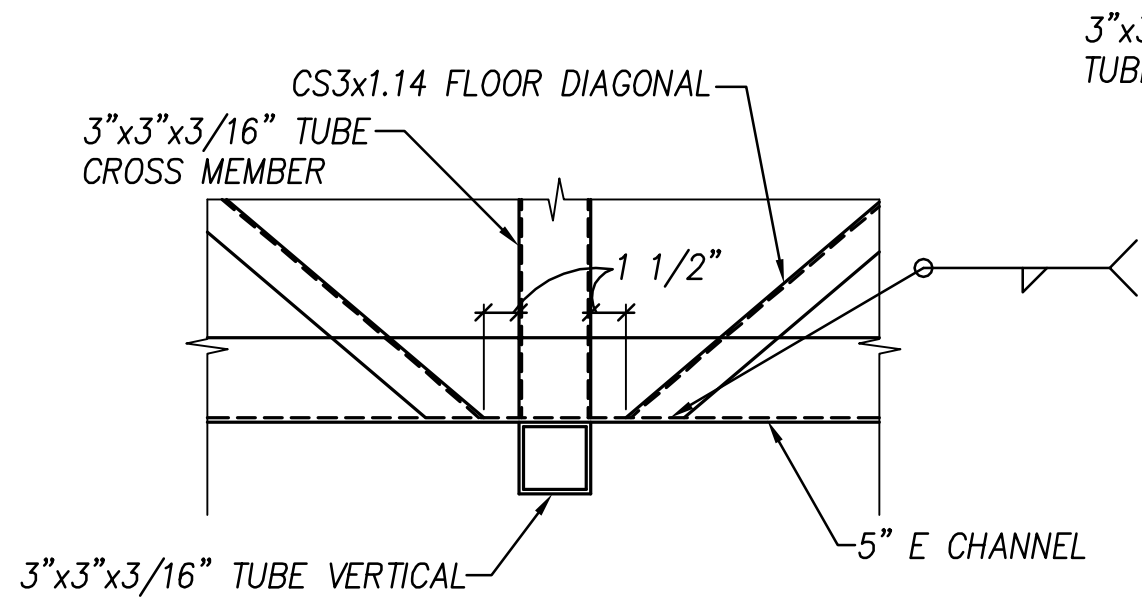
ROLLER END BOTTOM VIEW



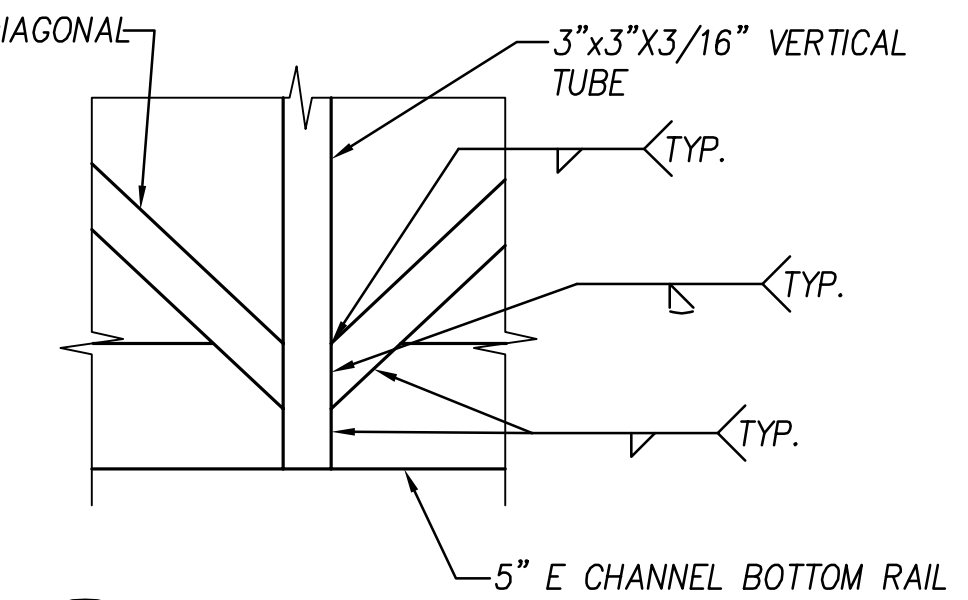
SECTION 3  
SCALE 1 1/2" = 1'-0"



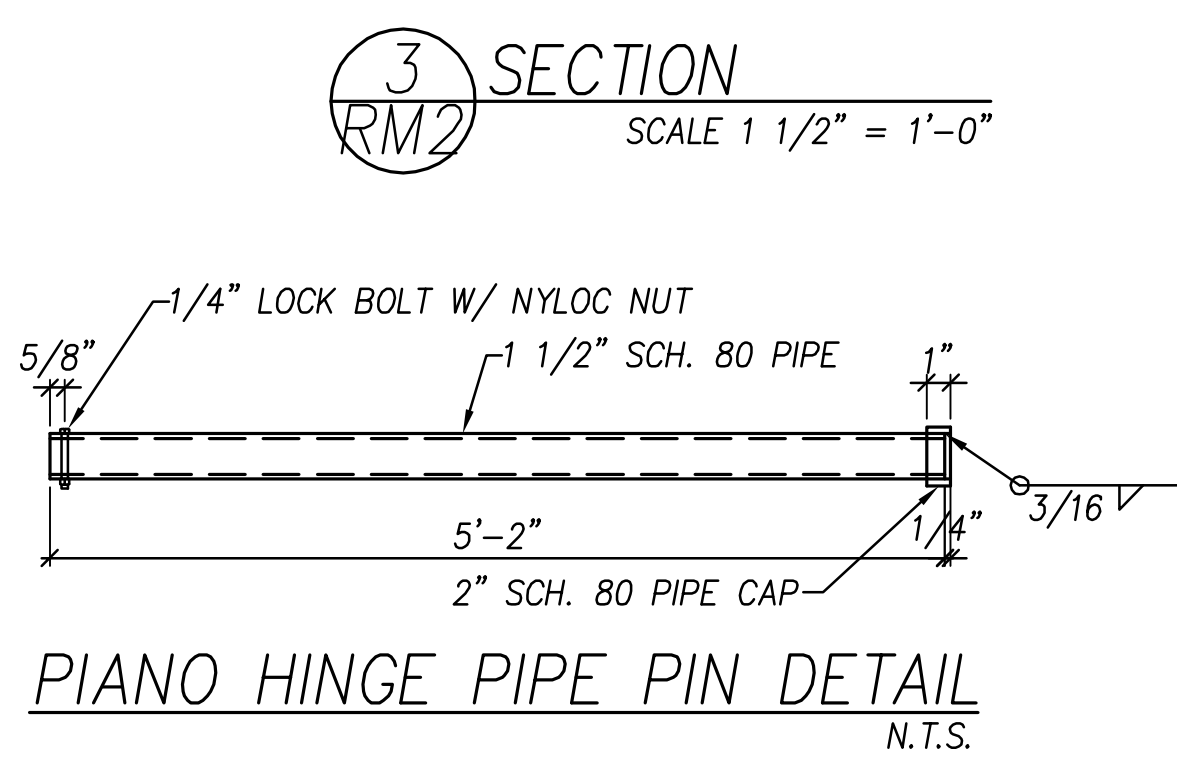
SECTION 4  
SCALE 3" = 1'-0"



SECTION 5  
SCALE 1 1/2" = 1'-0"

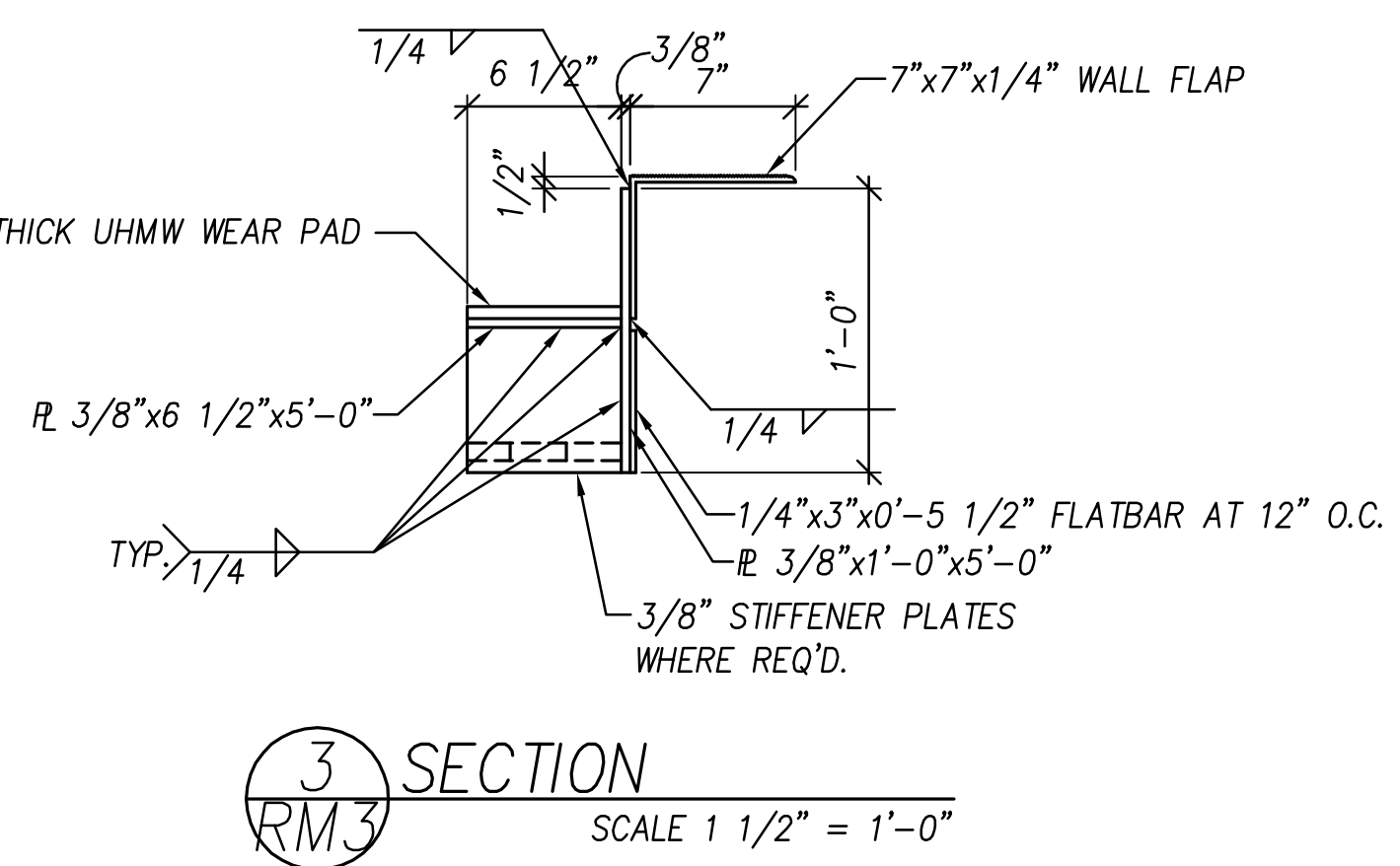
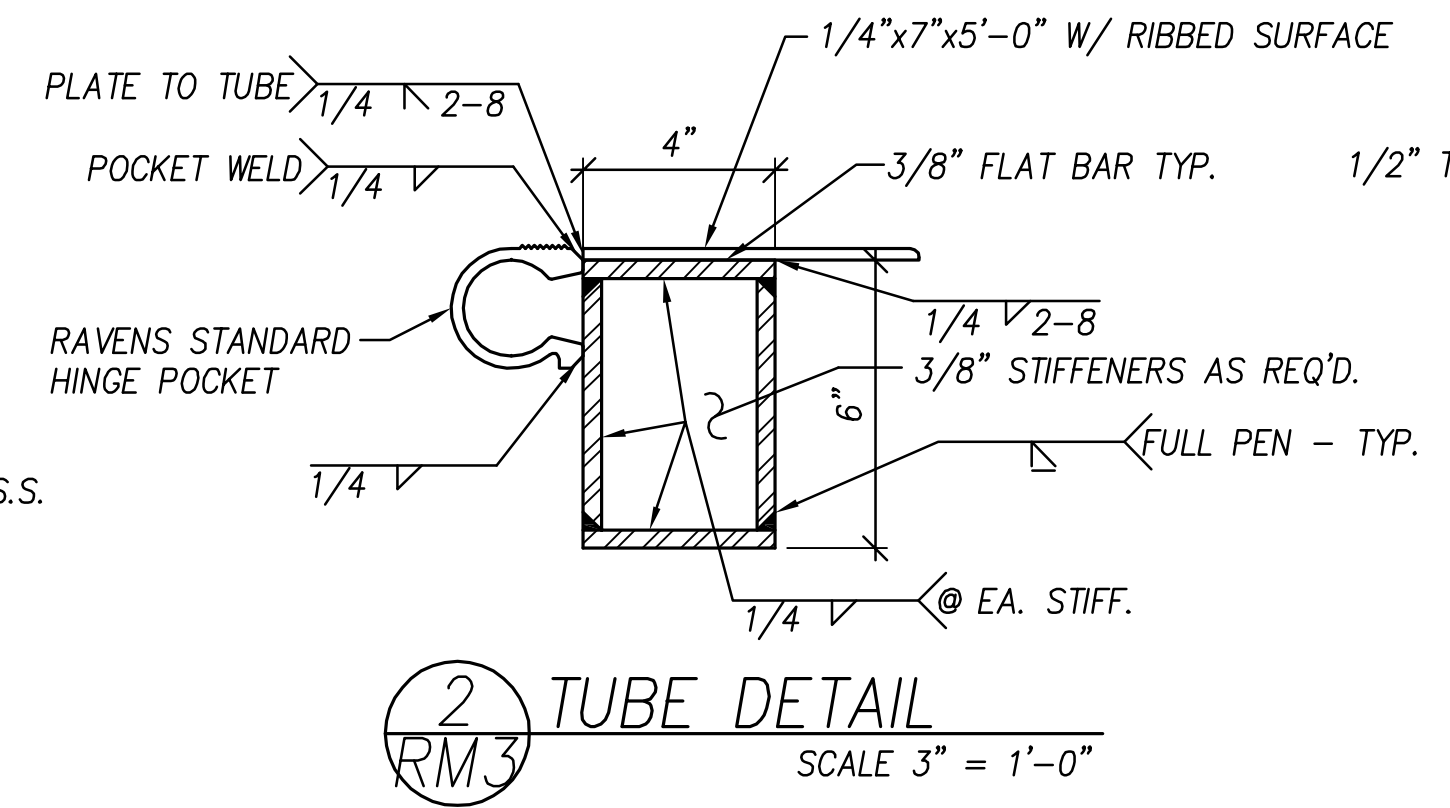
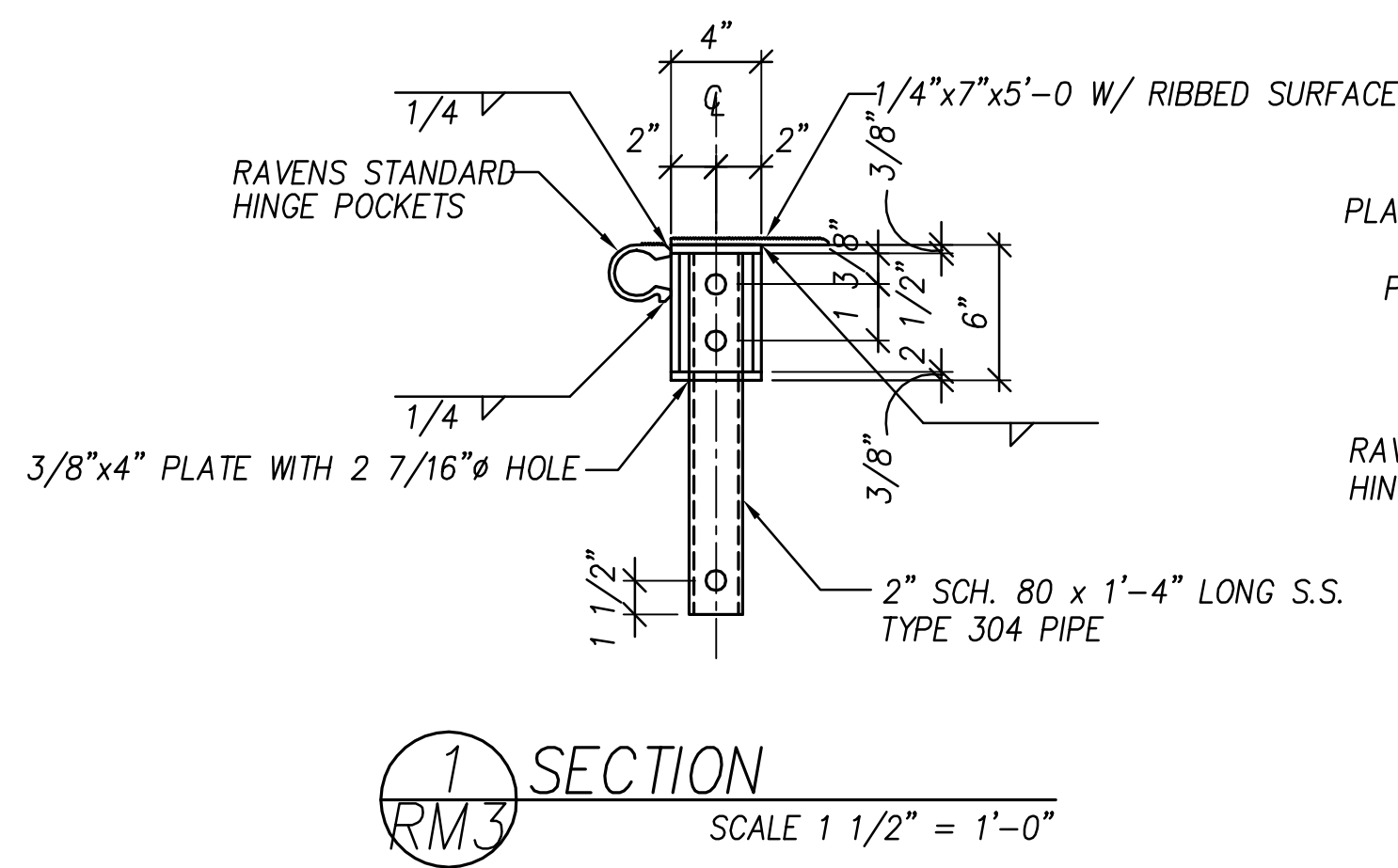
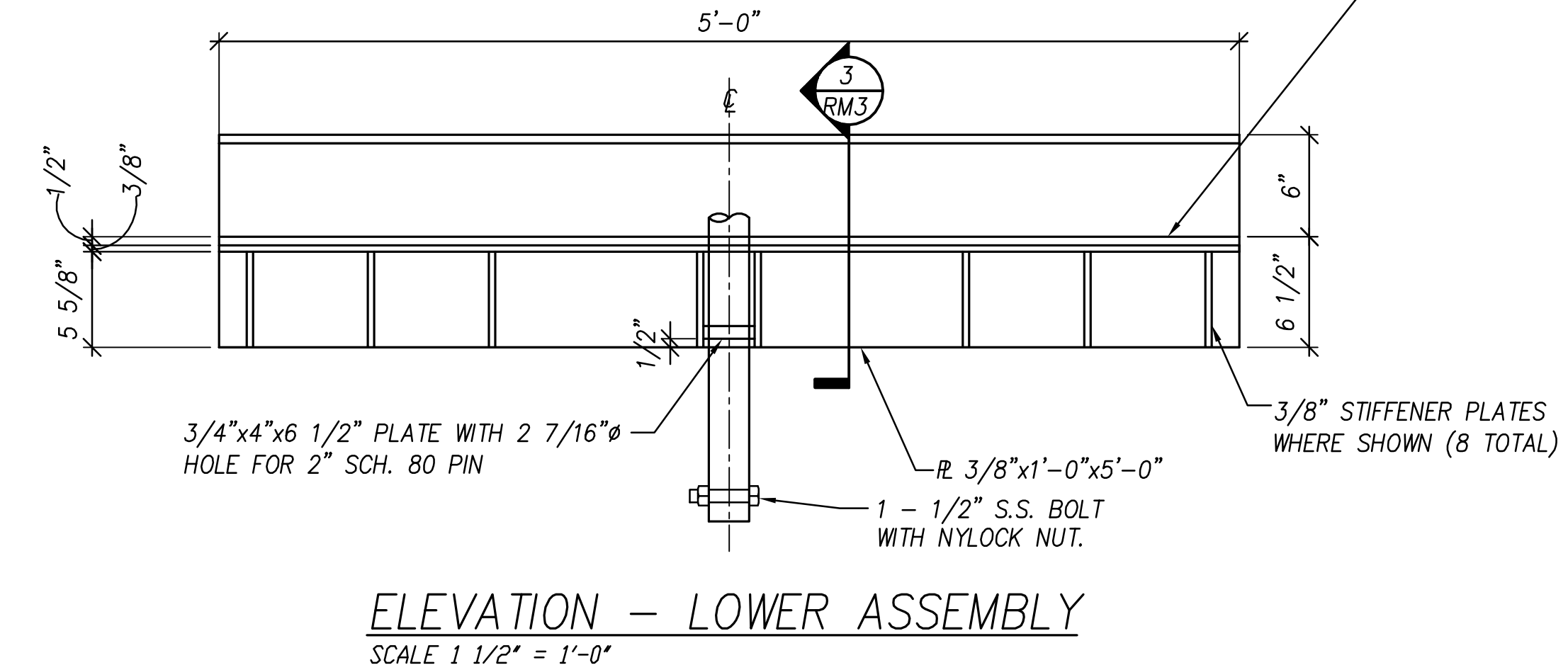
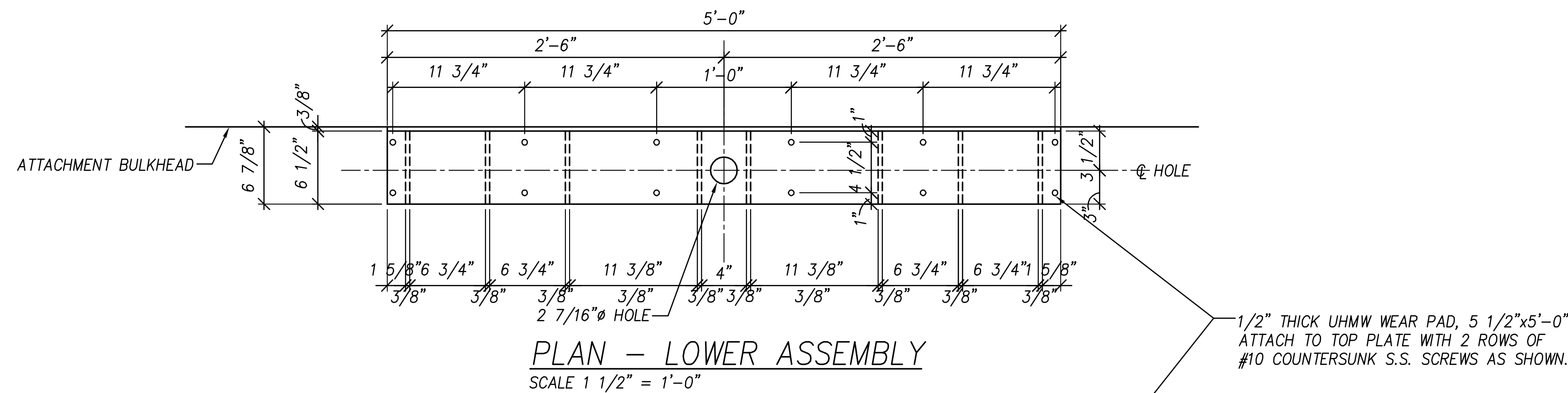
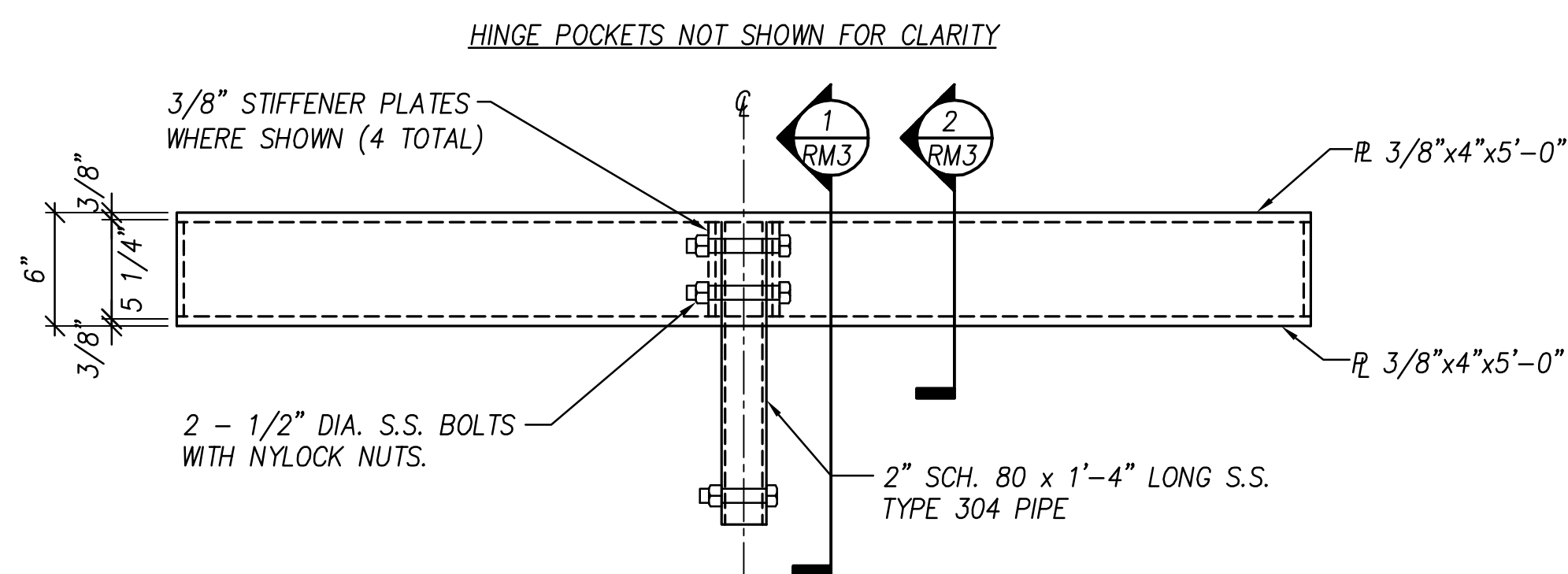
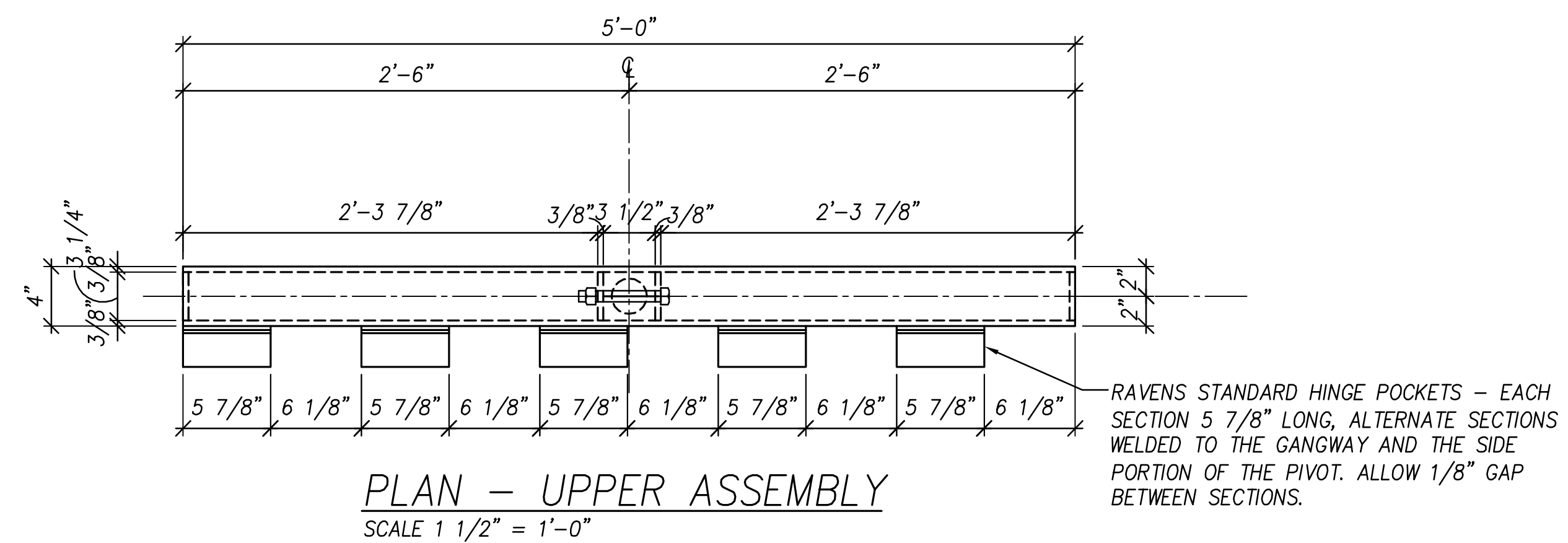


SECTION 6  
SCALE 3" = 1'-0"



PIANO HINGE PIPE PIN DETAIL  
N.T.S.

**RAVENS MARINE INC.**  
3295 ORANGE AVENUE KISSIMMEE, FL  
PHONE: 407-935-9799 FAX: 407-935-9436  
SLIDELL MUNICIPAL MARINA AT HERITAGE PARK, SLIDELL, LA  
G.C. MARINETEK NORTH AMERICA, INC.  
5'-0"x30'-0" MARINER-1 GANGWAY  
DATE: 5/12/17 SHEET: 2 OF 3 DWG NO.: RM-2



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|  |                   |               |
|--|-------------------|---------------|
| <b>RAVENS MARINE INC.</b>                              |                   |               |
| 3295 ORANGE AVENUE                                     | KISSIMMEE, FL     |               |
| PHONE: 407-935-9799                                    | FAX: 407-935-9436 |               |
| SLIDELL MUNICIPAL MARINA AT HERITAGE PARK, SLIDELL, LA |                   |               |
| G.C. MARINETEK NORTH AMERICA, INC.                     |                   |               |
| 5.0' WIDE 5th WHEEL HINGE DETAILS                      |                   |               |
| DATE: 5/12/17  | SHEET: 3 OF 3     | DWG NO.: RM-3 |



# SECTION 2

## MARINA ELECTRICAL EQUIPMENT (MEE)

**MARINETEK** NORTH AMERICA, INC.

---

**ADDRESS**

222 14th. Avenue S.  
St Petersburg, FL 33701

**TEL** +1 877 909 3625  
**FAX** +1 561 832 8768

**EMAIL** [info@marinetek.us](mailto:info@marinetek.us)  
**WEBSITE** [www.marinetek.net](http://www.marinetek.net)



*Highest Quality Weatherproof  
Electrical Equipment*

**Marina Electrical Equipment, Inc.**  
100 Warwick Court  
Williamsburg, VA 23185  
Toll Free: 1-855-258-3939  
Fax: 757-258-3988  
Web: [www.marinaelectricalequipment.com](http://www.marinaelectricalequipment.com)

*Complimentary Electrical Design and Layout Services Provided for:  
Marinetek*

**Project:** Slidell Marina  
**Original Design Date:** 3/25/16  
**Rev.1:** 5/12/17      **Rev.4:** -  
**Rev.2:** 8/31/17      **Rev.5:** -  
**Rev.3:** -      **Rev.6:** -  
**Contact:** Kyle Collins  
**Street:** 222 14th Avenue South  
**City, State, Zip:** St. Petersburg, FL 33701  
**Phone:** 877-909-4511  
**Fax:** 561-832-8768  
**E-mail:** [Kyle.Collins@marinetek.us](mailto:Kyle.Collins@marinetek.us)

**Filenames:**  
**Layout Drawing:** Slidell Marina 8-31-17.dwg  
**One-Line Diagram:** -  
**Calculations Filename:** Slidell Marina 8-31-17.xls

**Primary Voltage:** -  
**Secondary Voltage:** 120/240V  
**Voltage Drop:** 5% Cumulative  
**Wire Type:** G-GC

**Design Person:** Chris Dolan      **E-mail:** [chrisdolan@marinaee.com](mailto:chrisdolan@marinaee.com)  
**Salesperson:** Chris Dolan

*Thank you for the opportunity to provide an electrical design and quotation. Marina Electrical Equipment, Inc. (MEE) has provided the following electrical design as a complimentary service to assist you in planning your project. Please note that all wire lengths and electrical calculations are based on information provided to MEE by others. It is the responsibility of the customer to verify all equipment and wire lengths, and to determine that the electrical design meets all appropriate codes and standards before purchasing any equipment or material.*

*THIS DESIGN IS THE PROPERTY OF MARINA ELECTRICAL EQUIPMENT, INC. (MEE).*

*THE USE OF THIS DESIGN, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF MEE IS PROHIBITED.*

*IF THIS DESIGN, IN WHOLE OR IN PART, IS USED FOR PURCHASING SIMILAR COMPETITIVE EQUIPMENT, THE COMPLETE CHARGE OF THE DESIGN WILL BE BILLED TO THE INITIATING PARTY ON THE BASIS OF TIME SPENT ON THE PROJECT AT A RATE OF \$300.00 PER HOUR*

Project Name: **SlideII Marina**  
 Original Design Date: **3/25/2016**    **Rev.1: 5/12/17**    **Rev.2 8/31/17**    **Rev.3 -**    **Rev.4 -**    **Rev.5 -**    **Rev.6 -**  
 Panel: **A**

| Circuit ID | Phase | Phase Adj | Voltage   | Receptacles    |           |               |                   |                   | Total Line Current | Total Line kW | Total Rec. | Demand Factors |       | Power Factor | Dem. Current | Dem. kW | CB Size | CB Poles | Cable      |              |         |              |            |       |       |
|------------|-------|-----------|-----------|----------------|-----------|---------------|-------------------|-------------------|--------------------|---------------|------------|----------------|-------|--------------|--------------|---------|---------|----------|------------|--------------|---------|--------------|------------|-------|-------|
|            |       |           |           | 20A GFCI, 125V | 30A, 125V | 50A, 125/250V | 100A 1Ø, 125/250V | 100A 3Ø, 120/208Y |                    |               |            | Rec.           | Meter |              |              |         |         |          | Cable Type | Cable Length | Resist. | Size         | Qty. Cond. | GND.  | VD%   |
| A -1       | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC       | 170          | 0.1900  | #2           | 3          | Incl. | 2.42% |
| A -2       | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC       | 120          | 0.3100  | #4           | 3          | Incl. | 2.79% |
| A -3       | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC       | 70           | 0.3100  | #4           | 3          | Incl. | 1.63% |
| A -4       | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC       | 65           | 0.3100  | #4           | 3          | Incl. | 1.51% |
| A -5       | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC       | 115          | 0.3100  | #4           | 3          | Incl. | 2.67% |
| A -6       | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC       | 165          | 0.1900  | #2           | 3          | Incl. | 2.35% |
| A -7       | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC       | 215          | 0.1500  | #1           | 3          | Incl. | 2.42% |
| A -8       | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC       | 265          | 0.1500  | #1           | 3          | Incl. | 2.98% |
| A -9       | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC       | 320          | 0.1200  | #1/0         | 3          | Incl. | 2.88% |
| Panel      | 1     | 2         | 120 / 240 | 0              | 0         | 18            | 0                 | 0                 | SEE PANEL SCHEDULE |               |            |                |       |              |              |         |         |          | G          | 75           | 0.0310  | Two (2) #4/0 | 4          | Incl. | 1.10% |

| Panel Schedule:<br>Panel: A |         |          |          |       |       |        |       |       |       |                            |         |            |          |  |             |  |
|-----------------------------|---------|----------|----------|-------|-------|--------|-------|-------|-------|----------------------------|---------|------------|----------|--|-------------|--|
| Service Voltage: 120 / 240  |         |          | Phase: 1 |       |       |        |       |       |       | Bussing: Tin Plated Copper |         |            | kAIC: 22 |  | Fully Rated |  |
| Circuit ID                  | CB Size | CB Poles | AØ kW    | BØ kW | CØ kW | Ø Bal. | AØ kW | BØ kW | CØ kW | CB Poles                   | CB Size | Circuit ID |          |  |             |  |
| A -1                        | 100     | 2        | 12.00    |       |       | A      | 12.00 |       |       | 2                          | 100     | A -2       |          |  |             |  |
| A -3                        | 100     | 2        | 12.00    |       |       | A      | 12.00 |       |       | 2                          | 100     | A -4       |          |  |             |  |
| A -5                        | 100     | 2        | 12.00    |       |       | A      | 12.00 |       |       | 2                          | 100     | A -6       |          |  |             |  |
| A -7                        | 100     | 2        | 12.00    |       |       | A      | 12.00 |       |       | 2                          | 100     | A -8       |          |  |             |  |
| A -9                        | 100     | 2        | 12.00    |       |       | A      | 0.00  |       |       | 2                          | 30      | A -10      |          |  |             |  |
| A -11                       | SPACE   | 2        | 0.00     |       |       | A      | 0.00  |       |       | 2                          | SPACE   | A -12      |          |  |             |  |
| A -13                       | 0       | 2        | 0.00     |       |       | A      | 0.00  |       |       | 2                          | 0       | A -14      |          |  |             |  |
| A -15                       | 0       | 2        | 0.00     |       |       | A      | 0.00  |       |       | 2                          | 0       | A -16      |          |  |             |  |
| A -17                       | 0       | 2        | 0.00     |       |       | A      | 0.00  |       |       | 2                          | 0       | A -18      |          |  |             |  |

| Disconnect Schedule:<br>Panel: A |                          |
|----------------------------------|--------------------------|
| Voltage:                         | 120/208V                 |
| Demand Current:                  | 567.00                   |
| Size (Amps):                     | 600                      |
| Poles:                           | 2                        |
| Method:                          | Enclosed Circuit breaker |
| Enclosure:                       | N3R SS Freestanding      |
| Location:                        | On Shore                 |

| TOTAL PHASE BALANCE |            |                               |        |                            |                        |
|---------------------|------------|-------------------------------|--------|----------------------------|------------------------|
|                     | AØ kW      | BØ kW                         | CØ kW  |                            |                        |
|                     | 108.00     | 0.00                          | 108.00 |                            |                        |
| Total Connected kW: | 216.00     | Demand kW:                    | 136.08 | SPD (ka/Phase):            | 100kA                  |
| Total Receptacles:  | 18         | Demand Current:               | 567.00 | GFCI Monitor (mA Setting): | 100mA - Indicator Only |
| Demand Factors:     | Rec: 70%   | Demand kVA:                   | 136.08 | Enclosure Type:            | N3R Stainless Steel    |
|                     | Meter: 90% | Shunt-Trip MCBI SII E (GFCI): | 600    |                            |                        |
|                     | PF: 1.000  | Poles:                        | 2      |                            |                        |

NOTE: P Calculated as P=I²E\*cos(Ø)

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Project Name: Slidell Marina  
 Original Design Date: 3/25/2016  
 Panel: B  
 Rev.1: 5/12/17 Rev.2 8/31/17 Rev.3 - Rev.4 - Rev.5 - Rev.6 -

| Circuit ID | Phase | Phase Adj | Voltage   | Receptacles    |           |               |                   |                   | Total Line Current | Total Line kW | Total Rec. | Demand Factors |       | Power Factor | Dem. Current | Dem. kW | CB Size | CB Poles | Cable                     |              |         |      |            |       |       |
|------------|-------|-----------|-----------|----------------|-----------|---------------|-------------------|-------------------|--------------------|---------------|------------|----------------|-------|--------------|--------------|---------|---------|----------|---------------------------|--------------|---------|------|------------|-------|-------|
|            |       |           |           | 20A GFCI, 125V | 30A, 125V | 50A, 125/250V | 100A 1Ø, 125/250V | 100A 3Ø, 120/208Y |                    |               |            | Rec.           | Meter |              |              |         |         |          | Cable Type                | Cable Length | Resist. | Size | Qty. Cond. | GND.  | VD%   |
| 1-1        | 1     | 2         | 120 / 240 |                |           | 1             |                   |                   | 50.00              | 6.00          | 1          | 100%           | 90%   | 1            | 45.00        | 10.80   | 50      | 2        | G-GC                      | 50           | 0.7800  | 1/8  | 3          | Incl. | 1.46% |
| 1-2        | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC                      | 85           | 0.3100  | 1/4  | 3          | Incl. | 1.98% |
| 1-3        | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC                      | 130          | 0.3100  | 1/4  | 3          | Incl. | 3.02% |
| 1-4        | 1     | 2         | 120 / 240 |                |           | 2             |                   |                   | 100.00             | 12.00         | 2          | 100%           | 90%   | 1            | 90.00        | 21.60   | 100     | 2        | G-GC                      | 175          | 0.1900  | 1/2  | 3          | Incl. | 2.49% |
| 1-5        | 1     | 2         | 120 / 240 |                |           | 3             |                   |                   | 150.00             | 18.00         | 3          | 100%           | 90%   | 1            | 135.00       | 32.40   | 150     | 2        | G-GC                      | 235          | 0.1000  | 1/2  | 3          | Incl. | 2.64% |
| Panel      | 1     | 2         | 120 / 240 | 0              | 0         | 10            | 0                 | 0                 | SEE PANEL SCHEDULE |               |            |                |       |              |              |         |         |          | INFORMATION NOT AVAILABLE |              |         |      |            |       |       |

| Panel Schedule:<br>Panel: B |         |          |              |                 |       |                            |              |                            |          |        |                        |             |  |  |
|-----------------------------|---------|----------|--------------|-----------------|-------|----------------------------|--------------|----------------------------|----------|--------|------------------------|-------------|--|--|
| Service Voltage: 120 / 240  |         |          | Phase: 1     |                 |       | Bussing: Tin Plated Copper |              |                            | kAIC: 22 |        |                        | Fully Rated |  |  |
| Circuit ID                  | CB Size | CB Poles | AØ kW        | BØ kW           | CØ kW | Ø Bal.                     | AØ kW        | BØ kW                      | CØ kW    | Ø Bal. | CB Poles               | Circuit ID  |  |  |
| 1-1                         | 50      | 2        | 6.00         |                 |       | A                          | 12.00        |                            |          |        | 2                      | 100         |  |  |
|                             |         |          |              |                 | 6.00  | C                          |              |                            | 12.00    |        |                        | 1-2         |  |  |
| 1-3                         | 100     | 2        | 12.00        |                 |       | A                          | 12.00        |                            |          |        | 2                      | 100         |  |  |
|                             |         |          |              |                 | 12.00 | C                          |              |                            | 12.00    |        |                        | 1-4         |  |  |
| 1-5                         | 150     | 2        | 18.00        |                 |       | A                          | 0.00         |                            |          |        | 2                      | 30          |  |  |
|                             |         |          |              |                 | 18.00 | C                          |              |                            | 0.00     |        |                        | SP          |  |  |
| 1-7                         | SPACE   | 2        | 0.00         |                 |       | A                          | 0.00         |                            |          |        | 2                      | SPACE       |  |  |
|                             |         |          |              |                 | 0.00  | C                          |              |                            | 0.00     |        |                        | 1-8         |  |  |
| <b>TOTAL PHASE BALANCE</b>  |         |          |              |                 |       |                            |              |                            |          |        |                        |             |  |  |
|                             |         |          | <b>AØ kW</b> | <b>BØ kW</b>    |       |                            | <b>CØ kW</b> |                            |          |        |                        |             |  |  |
|                             |         |          | <b>60.00</b> | <b>0.00</b>     |       |                            | <b>60.00</b> |                            |          |        |                        |             |  |  |
| Total Connected kW:         |         |          | 120.00       | Demand kW:      |       |                            | 86.40        | SP (ka/Phase):             |          |        | 100kA                  |             |  |  |
| Total Receptacles:          |         |          | 10           | Demand Current: |       |                            | 360.00       | GFCI Monitor (mA Setting): |          |        | 100mA - Indicator Only |             |  |  |
| Demand Factors:             |         |          | Rec: 80%     | Demand kVA:     |       |                            | 86.40        | Enclosure Type:            |          |        | N3R Stainless Steel    |             |  |  |
|                             |         |          | Meter: 90%   | Shunt-Trip MCB  |       |                            | 400          |                            |          |        |                        |             |  |  |
|                             |         |          | PF: 1.000    | Poles:          |       |                            | 2            |                            |          |        |                        |             |  |  |

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# G-GC 2000V

## Portable Power Cable 90°C UL C(UL) MSHA Industrial Grade



### SPECIFICATIONS & STANDARDS

ASTM B 33, UL 44, UL 1581

### CONSTRUCTION:

- Conductors:** Flexible strand tin copper, Class I UL44 and ASTM B 33
- Insulation:** Ethylene-propylene rubber (EPR)
- Grounding conductors:** Tin copper, insulation color: green
- Ground check:** Yellow polypropylene-insulated tin copper conductor
- Assembly:** Three power, ground check and two EPR insulated grounding conductors cabled together to form round core
- Separator:** Single faced rubber filled binder tape applied overall
- Jacket:** Black heavy duty, integral-filled CPE thermoset compound, UL 1581
- Color Code:** table 3-4; Black, white, red

| FEATURES   | APPLICATION   |
|--|---|
| <ul style="list-style-type: none"> <li>- Excellent flexibility</li> <li>- Ozone, sun, weather and flame resistant</li> <li>- Rated and flexible at -40°C to 90°C</li> <li>- Excellent impact and abrasion resistant</li> <li>- Oil and heat resistant</li> </ul> | <ul style="list-style-type: none"> <li>- Use on AC off track equipment such as miners, shuttle cars, cutting machines, loading machines, drills, conveyors, and pumps</li> <li>- Power to open pit strip and deep mines</li> <li>- For applications requiring ground check conductor for added safety.</li> </ul> |

### APPROVALS:

- UL:** E207132 – Oil Resistant; Oil Resistant Inners; Sunlight Resistant; 90C Wet or Dry
- C(UL):** E207132 – FT1; FT5; -40°C +90°C
- MSHA:** P-7K-268101

### 3 CONDUCTOR

| Part Number | Power Conductor Size | Power Conductor Stranding | Size   |              | Nominal Insulation Thickness | Nominal Jacket Thickness | Nominal O.D. |      | Approx. Weight |        | Ampacity (1) 30°C Ambient Temp. |
|-------------|----------------------|---------------------------|--------|--------------|------------------------------|--------------------------|--------------|------|----------------|--------|---------------------------------|
|             |                      |                           | Ground | Ground Check |                              |                          | inches       | mm   | lbs/1000 ft    | kgs/km |                                 |
|             | AWG or MCM           | No. of Stranding          | AWG    | AWG          | inches                       | inches                   | inches       | mm   | lbs/1000 ft    | kgs/km | A                               |
| GGC8-3      | 8 AWG                | 133 7x19                  | 10     | 10           | 0.060                        | 0.141                    | 0.99         | 25.1 | 661            | 983    | 65                              |
| GGC6-3      | 6 AWG                | 133 7x19                  | 10     | 10           | 0.060                        | 0.141                    | 1.05         | 26.6 | 781            | 1162   | 87                              |
| GGC4-3      | 4 AWG                | 259 7x37                  | 8      | 10           | 0.060                        | 0.125                    | 1.12         | 28.4 | 1013           | 1507   | 114                             |
| GGC2-3      | 2 AWG                | 259 7x37                  | 7      | 10           | 0.060                        | 0.141                    | 1.29         | 32.8 | 1413           | 2103   | 152                             |
| GGC1-3      | 1 AWG                | 259 7x37                  | 6      | 8            | 0.080                        | 0.141                    | 1.41         | 35.8 | 1716           | 2554   | 177                             |
| GGC1/0-3    | 1/0 AWG              | 266 19x14                 | 5      | 8            | 0.080                        | 0.156                    | 1.54         | 39.0 | 2096           | 3119   | 205                             |
| GGC2/0-3    | 2/0 AWG              | 342 19x18                 | 4      | 8            | 0.080                        | 0.156                    | 1.60         | 40.6 | 2466           | 3670   | 237                             |
| GGC3/0-3    | 3/0 AWG              | 418 19x22                 | 2      | 8            | 0.080                        | 0.156                    | 1.74         | 44.3 | 2982           | 4437   | 274                             |
| GGC4/0-3    | 4/0 AWG              | 532 19x28                 | 2      | 8            | 0.080                        | 0.172                    | 1.88         | 47.7 | 3627           | 5397   | 316                             |
| GGC250-3    | 250 MCM              | 627 19x33                 | 2      | 8            | 0.095                        | 0.240                    | 2.26         | 57.3 | 4568           | 6798   | 352                             |
| GGC350-3    | 350 MCM              | 888 37x24                 | 1/0    | 8            | 0.095                        | 0.240                    | 2.48         | 63.1 | 6003           | 8933   | 433                             |
| GGC500-3    | 500 MCM              | 1221 37x33                | 2/0    | 8            | 0.095                        | 0.270                    | 2.87         | 72.8 | 8131           | 12099  | 536                             |

(1) Ampacity - Free air measured. Based on continuous duty at 90°C conductor temperature per 2011 NEC Table 400.5(A)(2)

### STANDARD PRINT LEGEND:

TF CABLE (SIZE) TYPE G-GC PORTABLE POWER CABLE 2000V 90C SUN RES OIL RES 90C WET OR DRY (UL) E207132 C(UL) FT1 FT5 (-40C) P-7K-268101-MSHA

### SPECIAL FACTORY OPTIONS:

- Jacket:** Other colors available
- MSHA:** P-7K-268077 (Neoprene)
- CSA:** 1523058 (LR 103932) – FT1; FT5; 90C; (-40C) (Neoprene)
- Jacket:** TPU Other colors available
- MSHA:** P-07-KA030001 (TPU)

## Portable Power Cable 90°C UL C(UL) MSHA Industrial Grade



### SPECIFICATIONS & STANDARDS

ICEA S-75-381/NEMA WC58, ICEA S-95-658/NEMA WC70, ASTM B172, ASTM B 33, UL 44, UL 1581

### CONSTRUCTION:

- Conductors:** Flexible strand tin copper, ASTM B-172 Class I and ICEA S-75-381/NEMA WC58
- Insulation:** Ethylene-propylene rubber (EPR); ICEA S-75-381 sec 3.15, table 3-10
- Grounding cond:** ICEA S-75-381; insulation color: green
- Assembly:** Four power and four EPR insulated grounding conductors cabled with rubber filler in center to form round core
- Separator:** Single faced rubber filled binder tape applied overall
- Jacket:** Black heavy duty CPE thermoset compound, ICEA S-75-381 sec 3.21, table 3-4
- Color Code:** ICEA S-75-381 sec 3.21 table 3-4; black, white, red, orange

| FEATURES   | APPLICATION  |
|--|--|
| <ul style="list-style-type: none"> <li>- Excellent flexibility</li> <li>- Ozone, sun, weather and flame resistant</li> <li>- Rated and flexible at -40°C to 90°C</li> <li>- Excellent impact and abrasion resistant</li> <li>- Oil and heat resistant</li> </ul> | <ul style="list-style-type: none"> <li>- Use on AC off track equipment such as miners, shuttle cars, cutting machines, loading machines, drills, conveyors, and pumps</li> <li>- Power to open pit strip and deep mines</li> </ul> |

### APPROVALS:

- UL:** E207132 – Oil Resistant; Oil Resistant Inners; Sunlight Resistant; 90C Wet or Dry
- C(UL):** E207132 - FT1; FT5; -40°C +90°C
- MSHA:** P-7K-268101

### 4 CONDUCTOR

| Part Number | Power Conductor Size | Power Conductor Stranding      | Grounding Conductor Size | Nominal Insulation Thickness | Nominal O.D. |      | Approx. Weight |        | Ampacity (1)<br>30°C Ambient Temp. |
|-------------|----------------------|--------------------------------|--------------------------|------------------------------|--------------|------|----------------|--------|------------------------------------|
|             | AWG or MCM           | No. and Diameters of Stranding | AWG                      | inches                       | inches       | mm   | lbs/1000ft     | kgs/km | A                                  |
| G8-4        | 8 AWG                | 133 7x19                       | 12                       | 0.060                        | 0.99         | 25.1 | 748            | 1113   | 52                                 |
| G6-4        | 6 AWG                | 259 7x37                       | 12                       | 0.060                        | 1.10         | 27.9 | 910            | 1354   | 69                                 |
| G4-4        | 4 AWG                | 259 7x37                       | 10                       | 0.060                        | 1.27         | 32.3 | 1378           | 2050   | 91                                 |
| G2-4        | 2 AWG                | 259 7x37                       | 9                        | 0.060                        | 1.48         | 37.6 | 1914           | 2848   | 121                                |
| G1-4        | 1 AWG                | 259 7x37                       | 8                        | 0.080                        | 1.68         | 42.7 | 2311           | 3439   | 141                                |
| G1/0-4      | 1/0 AWG              | 266 19x14                      | 7                        | 0.080                        | 1.79         | 45.5 | 2810           | 4181   | 164                                |
| G2/0-4      | 2/0 AWG              | 342 19x18                      | 6                        | 0.080                        | 1.93         | 49.0 | 3253           | 4842   | 189                                |
| G3/0-4      | 3/0 AWG              | 259 37x7                       | 5                        | 0.080                        | 2.07         | 52.6 | 4099           | 6100   | 219                                |
| G4/0-4      | 4/0 AWG              | 532 19x28                      | 4                        | 0.080                        | 2.26         | 57.4 | 4925           | 7329   | 252                                |
| G250-4      | 250 MCM              | 627 19x33                      | 3                        | 0.095                        | 2.66         | 67.6 | 6060           | 9018   | 281                                |
| G350-4      | 350 MCM              | 888 37x24                      | 1                        | 0.095                        | 2.98         | 75.7 | 8126           | 12093  | 346                                |
| G500-4      | 500 MCM              | 1221 37x33                     | 1/0                      | 0.095                        | 3.40         | 86.4 | 10758          | 16010  | 428                                |

(1) Ampacity - Free air measured. Based on continuous duty at 90°C conductor temperature per 2011 NEC Table 400.5(A)(2)

### STANDARD PRINT LEGEND:

TF CABLE (SIZE) TYPE G PORTABLE POWER CABLE 2000V 90C SUN RES OIL RES 90C WET OR DRY (UL) E207132 C(UL) FT1 FT5 (-40C) P-7K-268101-MSHA

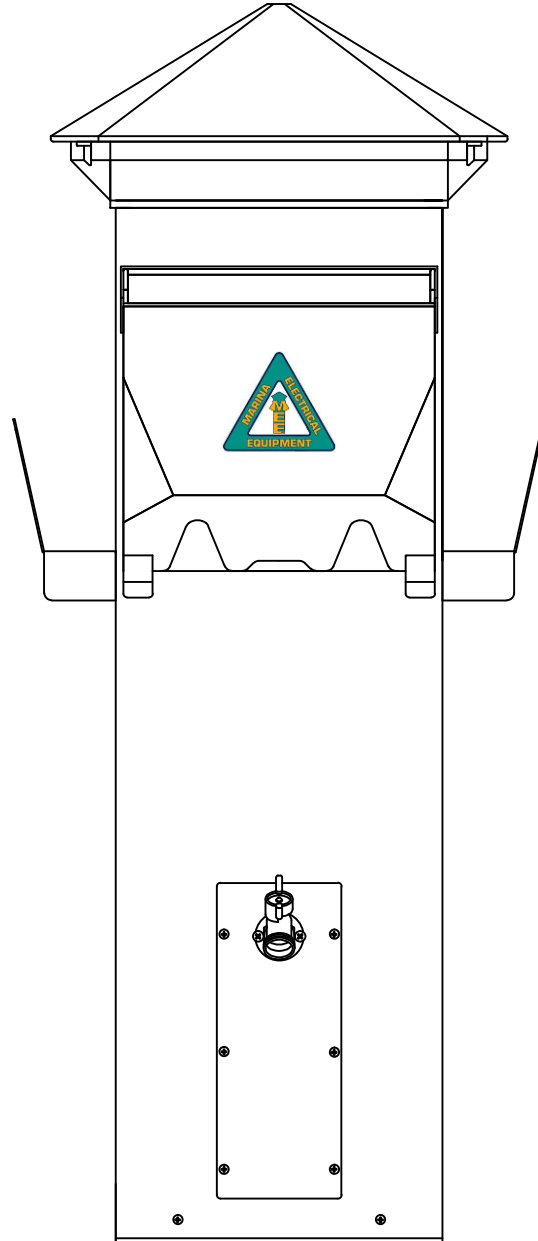
### SPECIAL FACTORY OPTIONS:

- Jacket:** Other colors available
- MSHA:** P-7K-268077 (Neoprene)
- CSA:** 1523058 (LR 103932) – FT1; FT5; 90C; (-40C) (Neoprene)
- Jacket:** TPU Other colors available
- MSHA:** P-07-KA030001 (TPU)



# Revised Project Specifications

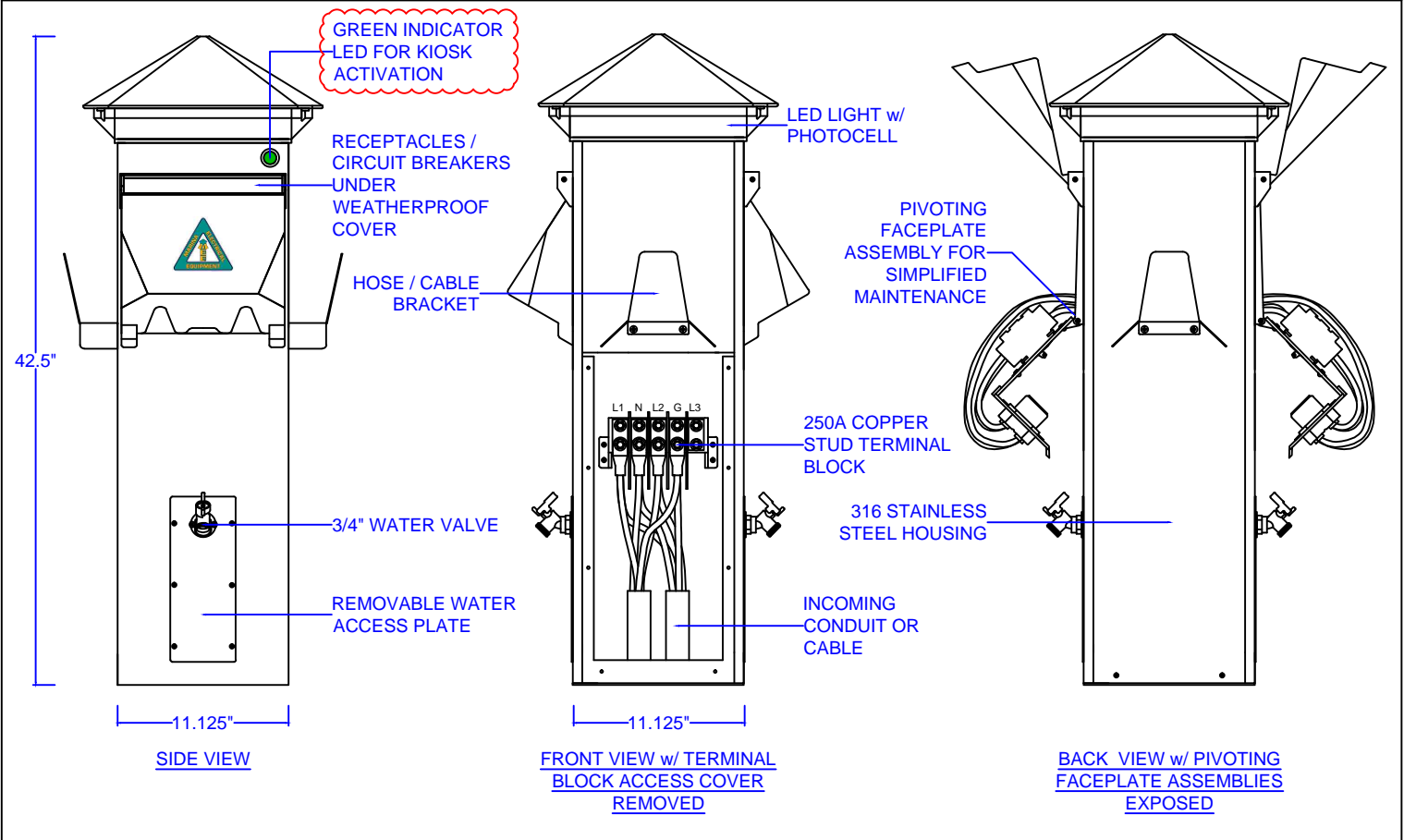
Slidell Marina



Marina Electrical Equipment, Inc.  
100 Warwick Court  
Williamsburg, VA 23185  
Toll Free: 1-855-258-3939  
Fax: 1-757-258-3988

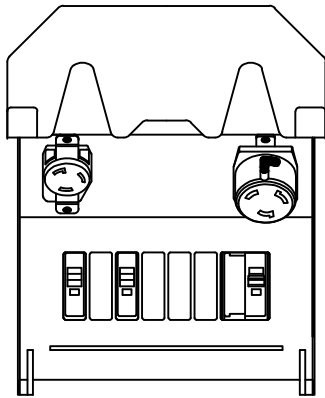


# HARBOR LIGHT SS LAYOUT



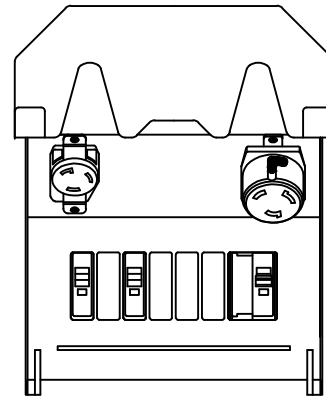
## RECEPTACLES w/ CORRESPONDING BREAKERS UNDER WEATHERPROOF DOOR

### SIDE 1



**30A 125V TWIST-LOCK**  
**50A 125/250V TWIST-LOCK**

### SIDE 2



**30A 125V TWIST-LOCK**  
**50A 125/250V TWIST-LOCK**

|              |           |         |      |      |  |
|--------------|-----------|---------|------|------|--|
| <b>SHEET</b> | DATE      | NO.     | DATE | REV. | APPROVAL STATUS                                    |
| 1 of 4       | 08-31-17  |         |      |      | <input type="checkbox"/> APPROVED                  |
|              | DRAWN     | CHECKED |      |      | <input type="checkbox"/> APPROVED WITH CORRECTIONS |
|              | CLD       | CLD     |      |      | <input type="checkbox"/> REVISE AND RESUBMIT       |
|              | SCALE     | NTS     |      |      |  |
| DOCUMENT     | SUBMITTAL |         |      |      |  |



**MARINA ELECTRICAL EQUIPMENT, INC.**  
 100 WARWICK COURT  
 WILLIAMSBURG, VA 23185  
 TEL: 1-855-258-3939  
 FAX: 757-258-3988  
 WEB: www.marinaelectricequipment.com

**SPECIFICATION - P1**  
**HARBOR LIGHT SS**

## HOUSING

316 STAINLESS STEEL w/  
POLYCARBONATE TOP

## LIGHTING

10W LED w/ PHOTOCCELL,  
AMBER LENS, AND  
BREAKER PROTECTION

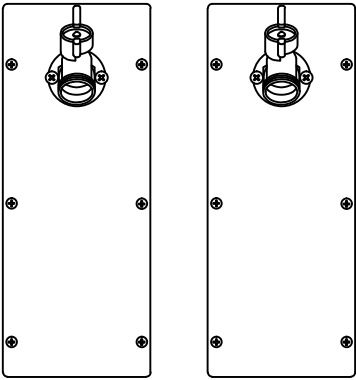
## METERING

TWO (2) KWH METERS -  
ONE PER SIDE

## COMMUNICATIONS

none

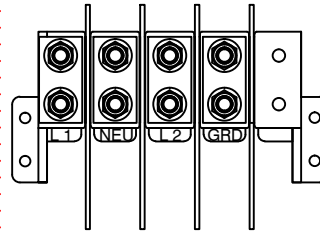
## WATER ASSEMBLY



DUAL 3/4" BALL  
VALVE HOSE  
BIBS

PEX TUBING AND  
COMPRESSION-TYPE  
FITTINGS ARE  
RECOMMENDED

## TERMINAL BLOCK

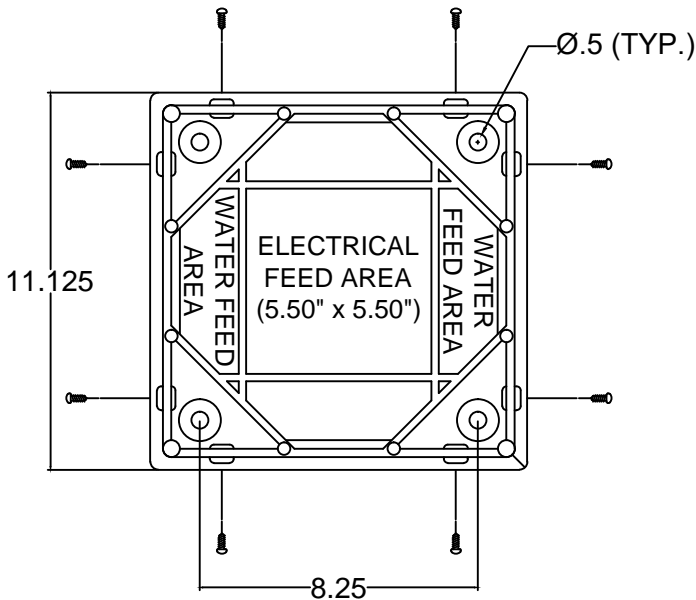


250A COPPER  
STUD-LUG  
TERMINAL BLOCK  
- SINGLE PHASE

### WARNING

TERMINATIONS OF THE LINES SHALL BE MADE BY MEANS OF **COPPER** COMPRESSION TERMINALS TO PLACE ON THE 3/8" STUD-LUG TERMINAL BLOCK AS DIRECTED BY THE WIRING DIAGRAM INSTRUCTIONS LOCATED INSIDE THE HOUSING. NEVER PLACE HARDWARE BETWEEN THE TERMINAL / BUS BAR CONNECTION. THIS CREATES A HIGH-RESISTANCE CONNECTION THAT COULD CAUSE OVERHEATING / FIRE. DO NOT ALTER FACTORY-SIDE CONNECTIONS. FACTORY WARRANTY WILL BE VOIDED.

## BASE DIMENSIONS



## SPECIAL

ADD TWO (2) GREEN LED  
INDICATOR LIGHTS FOR  
KIOSK ACTIVATION

INCOMING POWER TO BE  
120/240V, SINGLE-PHASE

| SHEET    |           | DATE     | NO. | DATE | REV. | APPROVAL STATUS                                    |
|----------|-----------|----------|-----|------|------|--|
| 2 of 4   |           | 08-31-17 |     |      |      | <input type="checkbox"/> APPROVED                  |
| DRAWN    | CHECKED   |          |     |      |      | <input type="checkbox"/> APPROVED WITH CORRECTIONS |
| CLD      | CLD       |          |     |      |      | <input type="checkbox"/> REVISE AND RESUBMIT       |
| SCALE    | NTS       |          |     |      |      |  |
| DOCUMENT | SUBMITTAL |          |     |      |      |  |

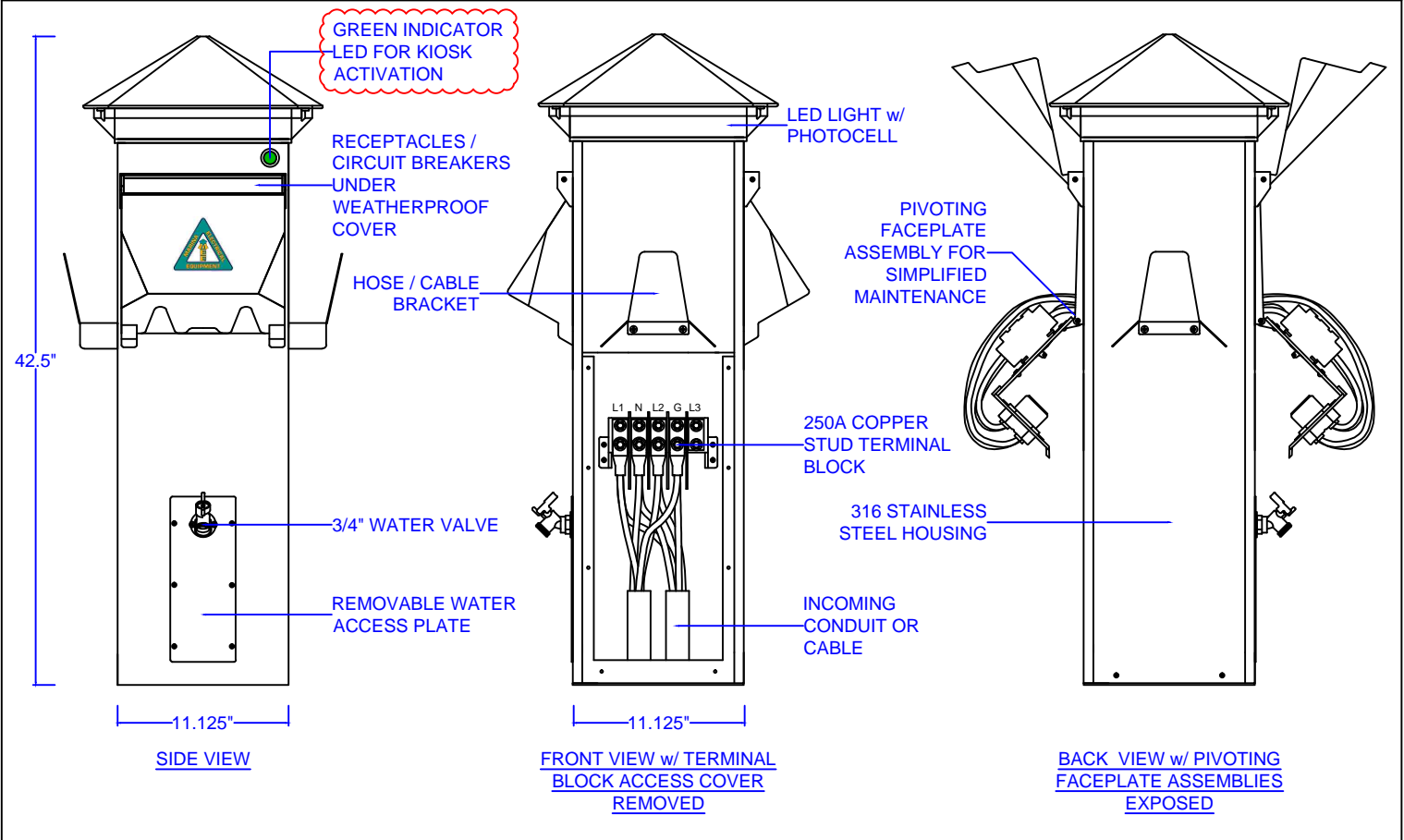


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SPECIFICATION - P1

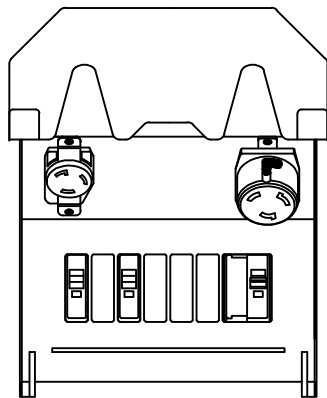
HARBOR LIGHT SS

# HARBOR LIGHT SS LAYOUT



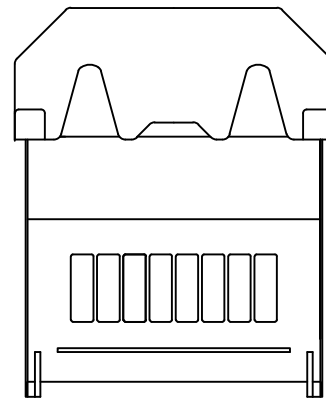
## RECEPTACLES w/ CORRESPONDING BREAKERS UNDER WEATHERPROOF DOOR

### SIDE 1



30A 125V TWIST-LOCK  
50A 125/250V TWIST-LOCK

### SIDE 2



BLANK

|          |           |          |     |      |      |   |
|----------|-----------|----------|-----|------|------|---|
| SHEET    |           | DATE     | NO. | DATE | REV. | APPROVAL STATUS   |
| 3 of 4   |           | 08-31-17 |     |      |      | <input type="checkbox"/> APPROVED<br><input type="checkbox"/> APPROVED WITH CORRECTIONS<br><input type="checkbox"/> REVISE AND RESUBMIT |
| DRAWN    | CHECKED   |          |     |      |      |   |
| CLD      | CLD       |          |     |      |      |   |
| SCALE    | NTS       |          |     |      |      |   |
| DOCUMENT | SUBMITTAL |          |     |      |      |   |



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SPECIFICATION - P2  
HARBOR LIGHT SS

## HOUSING

316 STAINLESS STEEL w/  
POLYCARBONATE TOP

## LIGHTING

10W LED w/ PHOTOCCELL,  
AMBER LENS, AND  
BREAKER PROTECTION

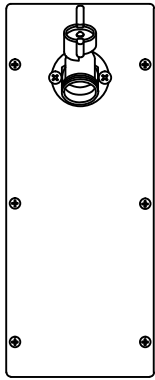
## METERING

ONE (1) KWH METER

## COMMUNICATIONS

none

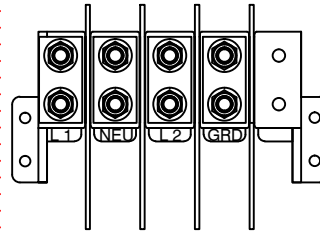
## WATER ASSEMBLY



SINGLE 3/4" BALL  
VALVE HOSE BIB

PEX TUBING AND  
COMPRESSION-TYPE  
FITTINGS ARE  
RECOMMENDED

## TERMINAL BLOCK

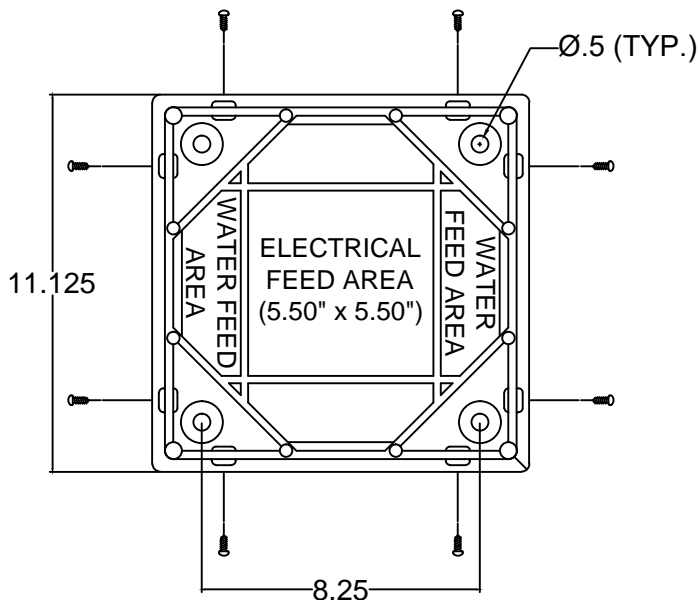


250A COPPER  
STUD-LUG  
TERMINAL BLOCK  
- SINGLE PHASE

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## BASE DIMENSIONS



## SPECIAL

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INDICATOR LIGHT FOR  
KIOSK ACTIVATION

INCOMING POWER TO BE  
120/240V, SINGLE-PHASE

| SHEET  |          | DATE      | NO. | DATE | REV. | APPROVAL STATUS                                    |
|--------|----------|-----------|-----|------|------|--|
| 4 of 4 | 08-31-17 |           |     |      |      | <input type="checkbox"/> APPROVED                  |
|        | CLD      | CLD       |     |      |      | <input type="checkbox"/> APPROVED WITH CORRECTIONS |
|        | SCALE    | NTS       |     |      |      | <input type="checkbox"/> REVISE AND RESUBMIT       |
|        | DOCUMENT | SUBMITTAL |     |      |      |  |



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SPECIFICATION - P2

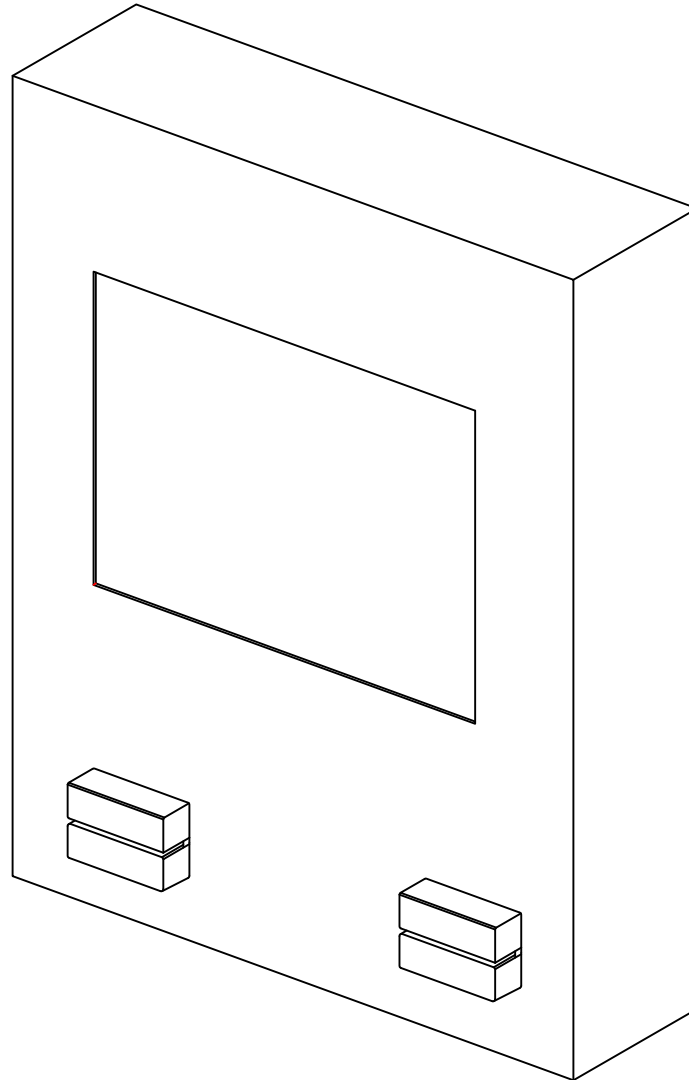
HARBOR LIGHT SS



# Justified Automated Collections Kiosk (J-A-C-K)

## Project Specifications

Slidell Marina



Marina Electrical Equipment, Inc.  
100 Warwick Court  
Williamsburg, VA 23185  
Toll Free: 1-855-258-3939  
Fax: 1-757-258-3988

# Slidell Marina Project Specifications - J-A-C-K System

ALL J-A-C-K SYSTEMS SHALL MEET THE FOLLOWING SPECIFICATIONS:

## SECTION A: ACCEPTABLE MANUFACTURERS:

Marina Electrical Equipment, Inc. Through AdComp Systems Inc.  
100 Warwick Court  
Williamsburg, VA 23185  
Toll Free: 1-855-258-3939  
Web: [www.marinaelectricequipment.com](http://www.marinaelectricequipment.com)

## SECTION B: GENERAL REQUIREMENTS

1. Each Justified Automated Collections Kiosk (J-A-C-K) cabinet shall include a metal enclosure, distribution panel, touch PC, relay controller, credit card reader, and communications (WiFi, ethernet, or 4G).

## SECTION C: CONSTRUCTION REQUIREMENTS

1. **Main Housing:** Shall be constructed of metal material per customer requirements. The housing shall be listed as a NEMA® Type 3R weatherproof enclosure.
2. **Interface System:** Shall be mounted inside of the main housing and consist of a touch-controlled interface, a credit card reader, and a relay-based controller board.

## SECTION D: KIOSK HARDWARE / SOFTWARE

1. The Power Outlet Payment System shall consist of a touch-screen computer / interface with hard-wired or wireless (WiFi or 4G) capable through Windows®.
2. The system shall accept credit card payments.
3. System users shall be allowed to pay for slip usage at the dock.
4. The system shall be equipped with a receipt printer that is capable of printing a 2-inch thermal paper receipt for every transaction. Customized receipt print-outs are available.
5. The system shall provide real-time, on-line reports of every transaction.
6. The system shall be capable of providing statistics / graphs organized by time of day, day of week, month or year, or year.
7. The kiosk shall be able to control any number of slips / parking locations.
8. The kiosk shall be able to collect payment for multiple events, services, products, etc...

Sample Crude Screens – To show concept.

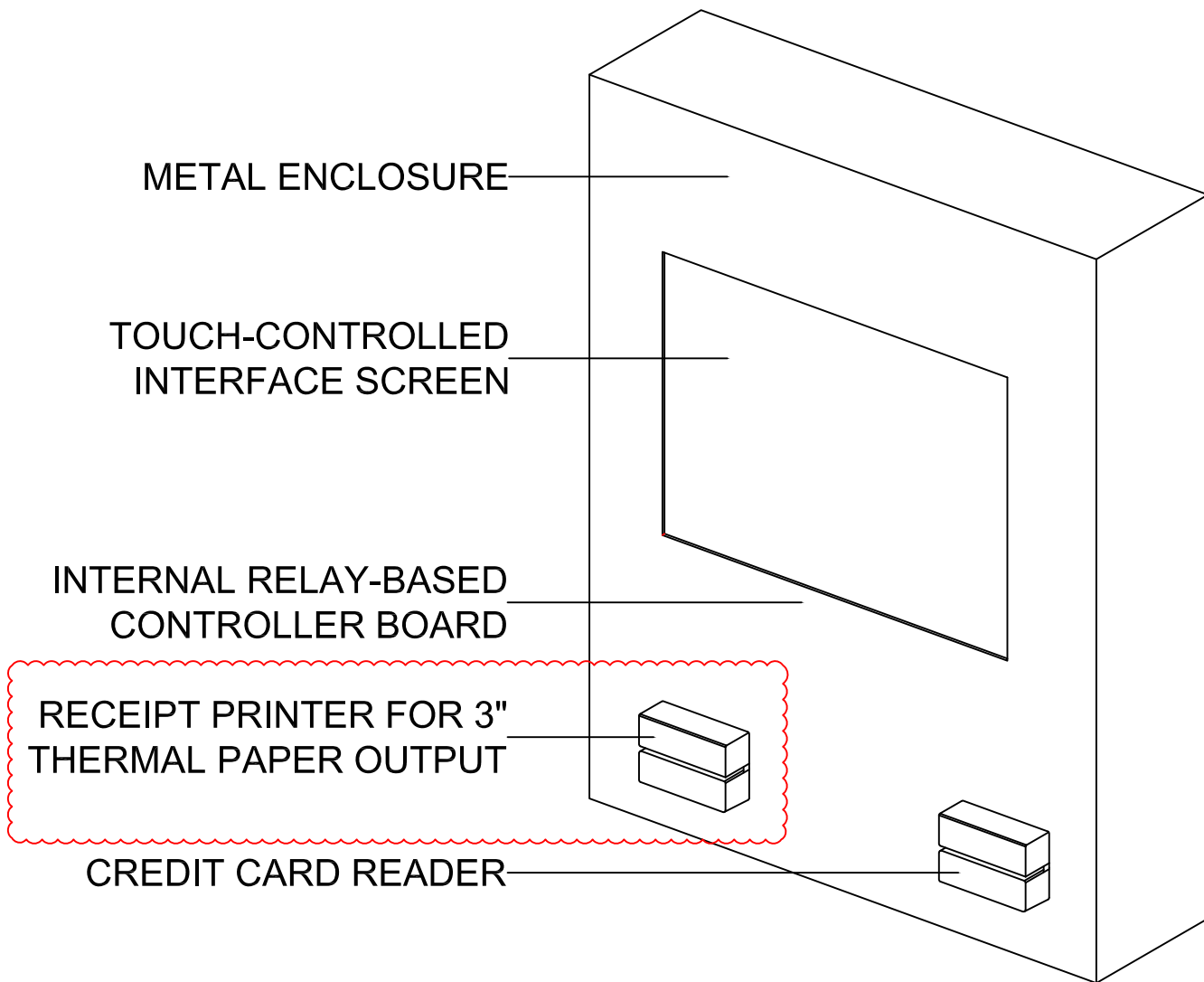
The screenshot shows a kiosk interface with a title "HOW LONG WOULD YOU LIKE POWER FOR?". It features a table with columns for Rate, Quantity, and Amount. Below the table are sections for "SPECIAL EVENTS & PASSES & DONATIONS" with options like "FAMILY FUN DAY ON APRIL 5 AT 9:30" and "DONATION TO SPI BIRD & NATURE". On the right side, there are summary fields for "Total No. of Tickets: 0", "Total Units of Donation: 0", and "Total Amount: 0". At the bottom, there are buttons for "Clear Above Selection", "Cancel", and "Proceed".

|  | Rate  |            | Quantity | Amount |
|--|-------|------------|----------|--------|
| HOUR   | \$5   | Add        | 0        | 0      |
| 24 HOURS   | \$40  | Add        | 0        | 0      |
| 7 DAYS   | \$250 | Add        | 0        | 0      |
| <b>SPECIAL EVENTS &amp; PASSES &amp; DONATIONS</b>                 |       |            |          |        |
| <b>FAMILY FUN DAY ON APRIL 5 AT 9:30</b>                           |       |            |          |        |
|  | \$5   | Add Ticket | 0        | 0      |
| <b>GUIDED BIRD WALK EVERY SATURDAY 9:30 AM and Sunday at 12:30</b> |       |            |          |        |
|  | \$3   | Add Ticket | 0        | 0      |
| <b>DONATION TO SPI BIRD &amp; NATURE</b>                           |       |            |          |        |
| (\$1 per unit)   | \$1   | Add Unit   | 0        | 0      |

Total No. of Tickets: 0  
Total Units of Donation: 0  
Total Amount: 0

Buttons: Clear Above Selection, Cancel, Proceed

# Slidell Marina Project Specifications - J-A-C-K System



## Sample Screens

Marina Name  
Power Outlet Payment System  
Please Select Your Slip#

|        |    |      |    |    |
|--------|----|------|----|----|
| 1      | 2  | 3    | 4  | 5  |
| 6      | 7  | 8    | 9  | 10 |
| 11     | 12 | 13   | 14 | 15 |
| 16     | 17 | 18   | 19 | 20 |
| Cancel |    | NEXT |    |    |

Gray buttons are already in use.  
Red buttons are available

Marina Name  
A. POPS  
Power Outlet Payment System

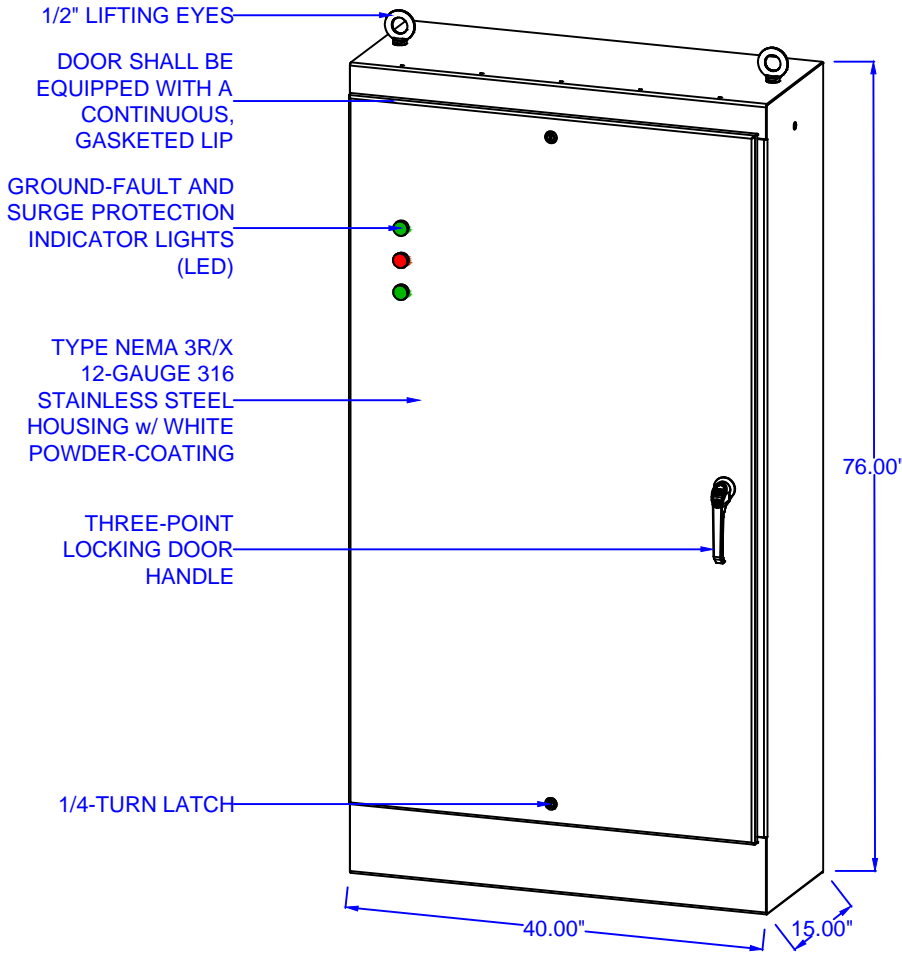
Please Swipe your card as shown  
You are paying for 2 days and 3 hours

**\$95**

Slip No. 33



# PANELBOARD - ISOMETRIC VIEW



## HOUSING

TYPE NEMA 3R/X 12 GA. 316 STAINLESS STEEL (MEE5-76EL4015SSFS)

## VOLTAGE / PHASE

120/240V 1-Phase

## kAIC / RATING

22kAIC

## SURGE DEVICE

100kA

## GROUND-FAULT MONITORING

Single-Source Monitor Tied to Main Circuit Breaker - For Indication Only (100mA - No Trip)

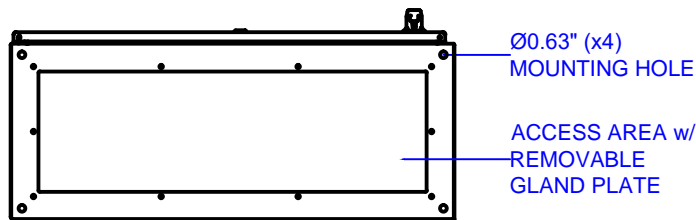
## MAIN SIZE / TYPE

600/2P Main Breaker

## BRANCH BREAKERS

(9) 100/2P (Pedestals)  
(1) 30/3P - SPD

## BASE DIMENSIONS



BOTTOM VIEW w/ GLAND PLATE REMOVED

PANELBOARD INCLUDES A REMOVABLE ALUMINUM GLAND PLATE

| SHEET  | DATE       | NO.       | DATE | REV. | APPROVAL STATUS   |
|--------|------------|-----------|------|------|---|
| 1 of 4 | 08-31-2017 |           |      |      | <input type="checkbox"/> APPROVED<br><input type="checkbox"/> APPROVED WITH CORRECTIONS<br><input type="checkbox"/> REVISE AND RESUBMIT |
|        | CLD        | CLD       |      |      |   |
|        | SCALE      | NTS       |      |      |   |
|        | DOCUMENT   | SUBMITTAL |      |      |   |

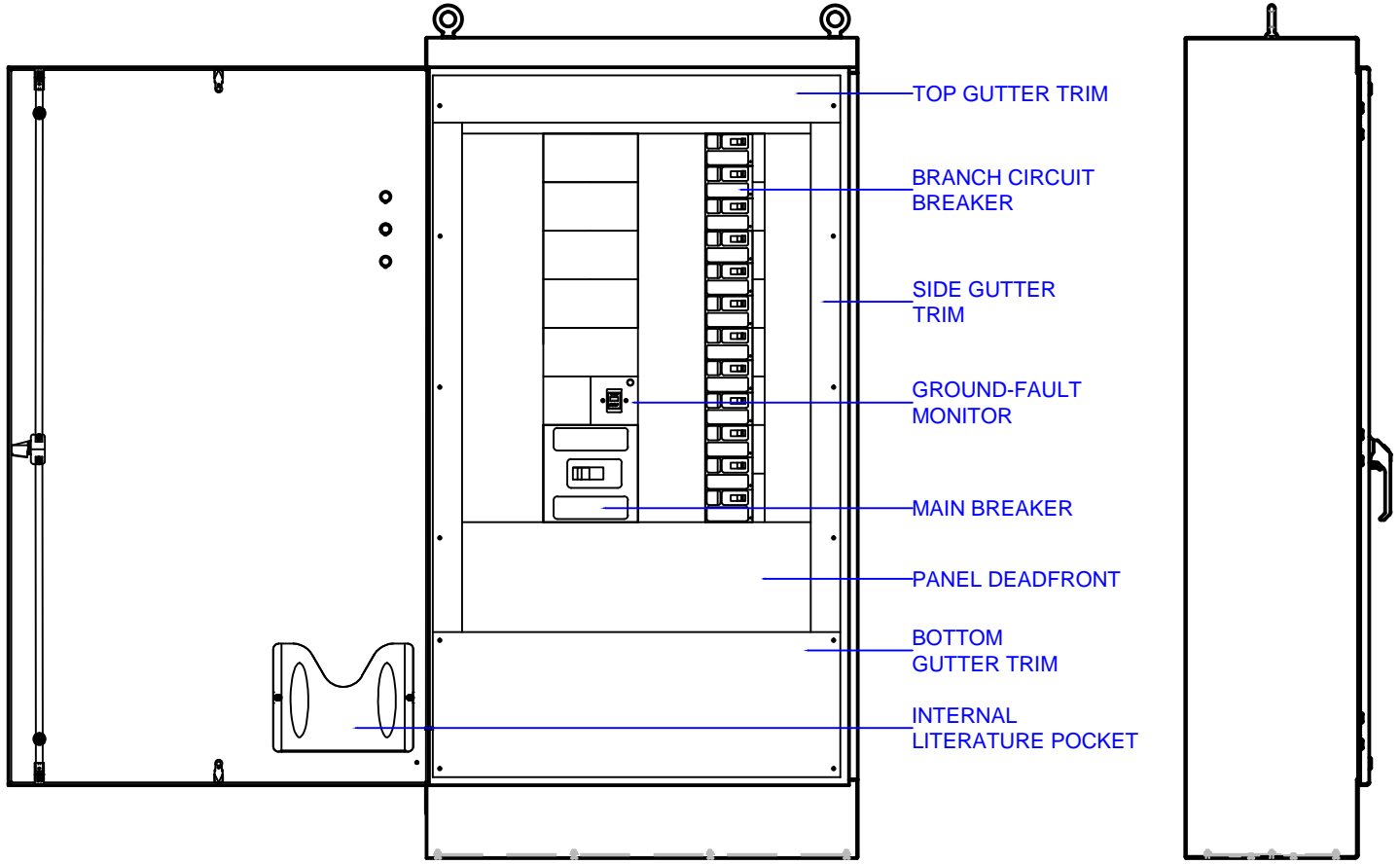


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100 WARWICK COURT  
WILLIAMSBURG, VA 23185  
TEL: 1-855-258-3939  
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WEB: www.marinaelectricequipment.com

SLIDELL MARINA - PANEL A

PANELBOARD

# PANELBOARD - FRONT AND SIDE VIEWS



FRONT VIEW w/ DOOR OPEN

SIDE VIEW

## SPECIAL NOTES

- PANEL IS DESIGNED TO BE SELF-SUPPORTED WHEN MOUNTED TO A FLOAT.

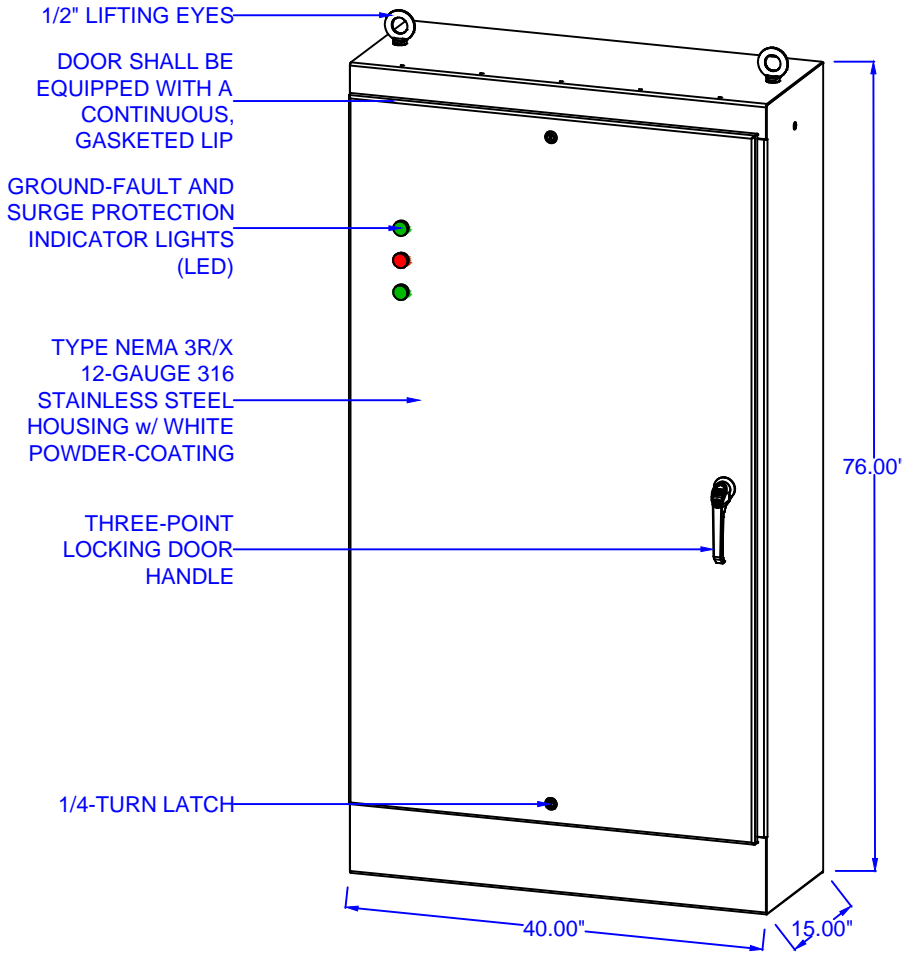
| SHEET  | DATE       | NO. | DATE | REV. | APPROVAL STATUS                                    |
|--------|------------|-----|------|------|--|
| 2 of 4 | 08-31-2017 |     |      |      | <input type="checkbox"/> APPROVED                  |
|        | CLD        | CLD |      |      | <input type="checkbox"/> APPROVED WITH CORRECTIONS |
|        | NTS        |     |      |      | <input type="checkbox"/> REVISE AND RESUBMIT       |
|        | SUBMITTAL  |     |      |      |  |



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SLIDELL MARINA - PANEL A  
 PANELBOARD

# PANELBOARD - ISOMETRIC VIEW



## HOUSING

TYPE NEMA 3R/X 12 GA.  
316 STAINLESS STEEL  
(MEE5-76EL4015SSFS)

## VOLTAGE / PHASE

120/240V 1-Phase

## kAIC / RATING

22kAIC

## SURGE DEVICE

100kA

## GROUND-FAULT MONITORING

Single-Source Monitor Tied to  
Main Circuit Breaker - For  
Indication Only (100mA - No Trip)

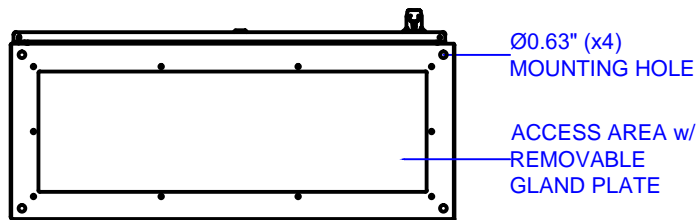
## MAIN SIZE / TYPE

400/2P Main Breaker

## BRANCH BREAKERS

- (1) 150/2P (Pedestals)
- (3) 100/2P (Pedestals)
- (1) 50/2P (Pedestals)
- (1) 30/3P - SPD

## BASE DIMENSIONS



BOTTOM VIEW w/ GLAND PLATE REMOVED

PANELBOARD INCLUDES A REMOVABLE  
ALUMINUM GLAND PLATE

| SHEET  | DATE       | NO.       | DATE | REV. | APPROVAL STATUS   |
|--------|------------|-----------|------|------|---|
| 3 of 4 | 08-31-2017 |           |      |      | <input type="checkbox"/> APPROVED<br><input type="checkbox"/> APPROVED WITH CORRECTIONS<br><input type="checkbox"/> REVISE AND RESUBMIT |
|        | CLD        | CLD       |      |      |   |
|        | SCALE      | NTS       |      |      |   |
|        | DOCUMENT   | SUBMITTAL |      |      |   |

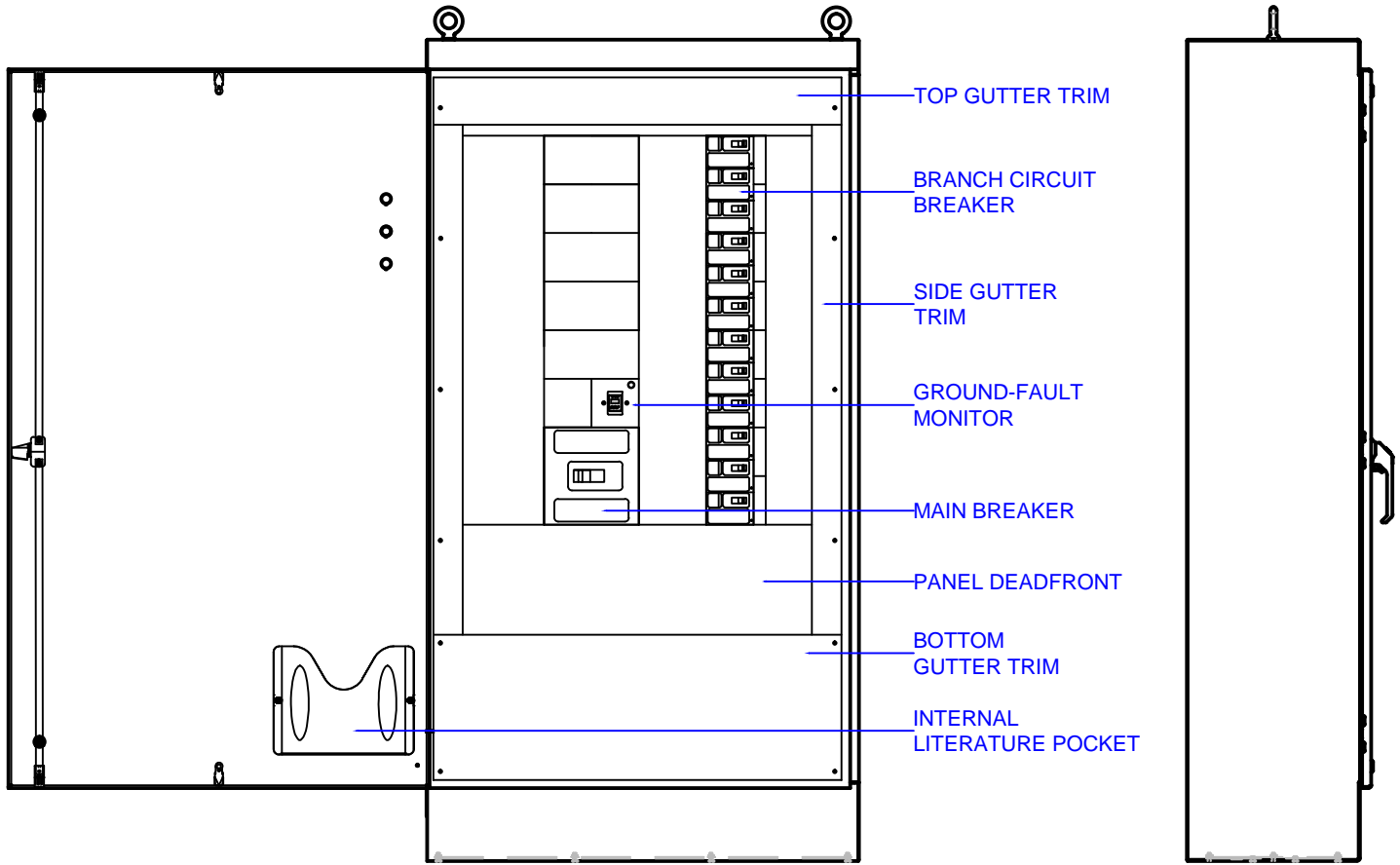


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SLIDELL MARINA - PANEL B

PANELBOARD

# PANELBOARD - FRONT AND SIDE VIEWS



FRONT VIEW w/ DOOR OPEN

SIDE VIEW

## SPECIAL NOTES

- PANEL IS DESIGNED TO BE SELF-SUPPORTED WHEN MOUNTED TO A FLOAT.

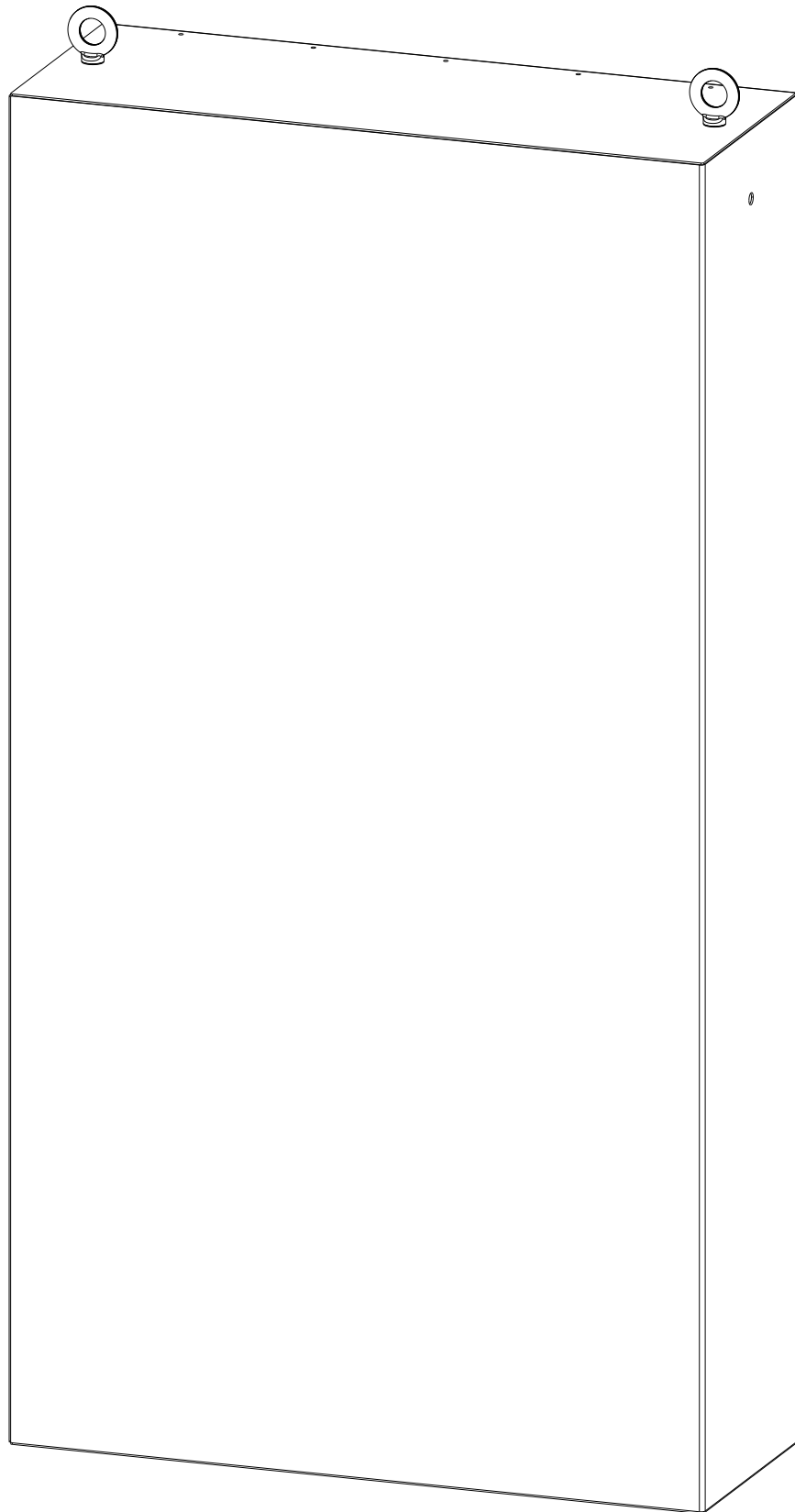
| SHEET  | DATE       | NO. | DATE | REV. | APPROVAL STATUS   |
|--------|------------|-----|------|------|---|
| 4 of 4 | 08-31-2017 |     |      |      | <input type="checkbox"/> APPROVED<br><input type="checkbox"/> APPROVED WITH CORRECTIONS<br><input type="checkbox"/> REVISE AND RESUBMIT |
|        | CLD        | CLD |      |      |   |
|        | SCALE      |     |      |      |   |
|        | NTS        |     |      |      |   |
|        | DOCUMENT   |     |      |      |   |
|        | SUBMITTAL  |     |      |      |   |



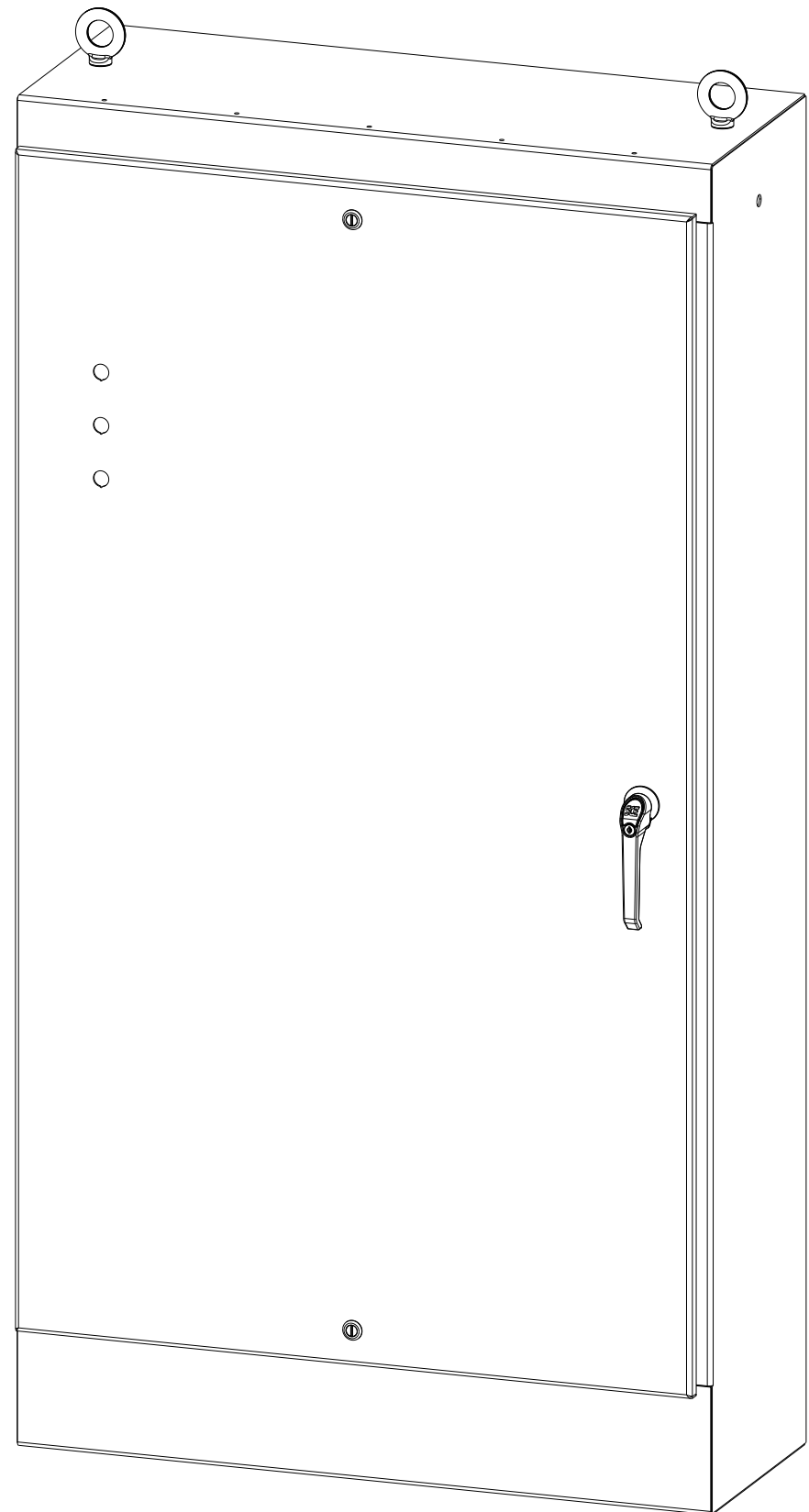
MARINA ELECTRICAL EQUIPMENT, INC.  
 100 WARWICK COURT  
 WILLIAMSBURG, VA 23185  
 TEL: 1-855-258-3939  
 FAX: 757-258-3988  
 WEB: www.marinaelectricequipment.com

SLIDELL MARINA - PANEL B  
 PANELBOARD

| PART DESCRIPTION                                      | THICKNESS | MATERIAL | LASER FILE NAME         | PUNCH FILE NAME |
|---|-----------|----------|-------------------------|-----------------|
| Enclosure Body  | 0.104     | #4 SS    | -BODY.dxf               | NA              |
| Enclosure Bottom                                      | 0.104     | #4 SS    | -BOTTOM.dxf             | NA              |
| Enclosure Door  | 0.104     | #4 SS    | -DOOR.dxf               | NA              |
| Enclosure Gland Plate                                 | 0.125     | ALUM     | NA                      | -GLAND.pro      |
| Enclosure Gutter Angle Template                       | 0.075     | HRS      | -ANGLE-TEMP.dxf         | NA              |
| Enclosure Rear Stud Template                          | 0.075     | HRS      | -REAR-TEMP.dxf          | NA              |
| Enclosure Right Side                                  | 0.104     | #4 SS    | -R-SIDE.dxf             | NA              |
| Enclosure Top   | 0.104     | #4 SS    | -TOP.dxf                | NA              |
| Eyebolt Support, Flat, 14.625 x 4.00, Stainless Steel | 0.104     | #4 SS    | SCE2-EBS-FLAT-SS-15.dxf | NA              |



REAR ISOMETRIC VIEW



FRONT ISOMETRIC VIEW

BILL OF MATERIAL

| ITEM | SHIPS LOOSE | QTY | PART DESCRIPTION  | PART I.D. |
|------|-------------|-----|---|-----------|
| 1    |             | 12  | Stud, Flush Head, 1/4-20 X 3/4", Stainless Steel, FH4-0420-12       | 100095    |
| 2    |             | 1   | Gasket, Strip, 1/4 x 1, Urethane with NSPSA                         | 100684    |
| 3    |             | 4   | Stud, Arc, 3/8-16 X 1.50", Steel                                    | 100798    |
| 4    |             | 2   | Eyebolt, Shouldered, 3/4-10 x 2.00", Steel, Zinc Clear              | 100822    |
| 5    |             | 42  | Stud, Arc, Flanged Full Thread, 1/4-20 X 1/2", Steel, Copper Plated | 100837    |
| 6    |             | 5   | Stud, CD, Flanged Full Thread, 1/4-20 X 1", Stainless Steel         | 100850    |
| 7    |             | 2   | Nut, Serrated Flange, 1/4-20 Steel, Zinc                            | 100882    |
| 8    | Flanged Nut | 12  | Nut, Serrated Flange, 1/4-20 Steel, Zinc                            | 100882    |
| 9    |             | 1   | L-Handle, Keylocking, 7in, Black, Zinc Die Cast, SCE-PKH7           | 100954    |
| 10   |             | 2   | Rod Guide, Door, Large Flat Rod, Black, Plastic                     | 101390    |
| 11   |             | 3   | Hinge Block, Large Concealed, Stainless Steel                       | 101400    |
| 12   |             | 1   | Cam, 3 Point, Lefthand Large Door Center, Steel, Zinc Clear         | 102237    |
| 13   |             | 2   | Channel, Light Fixture, 0.040 X 0.406 X 0.813 X 6", Stainless, B-72 | 102255    |
| 14   | Bolt Pack   | 1   | Bolt Pack, Ground Kit, 3/8-16                                       | 102297    |
| 15   |             | 3   | Hinge Assembly, Large Concealed, Stainless                          | 103290    |
| 16   |             | 2   | Flat Bar, Aluminum, 0.375 x 0.625, 6063-T52, Large Door Rod         | 103994    |
| 17   |             | 2   | Nut, Serrated Flange, 3/4-10, Steel, Zinc                           | 109065    |
| 18   |             | 1   | Print Pocket, Large, 10.00"H x 11.50"W x 1.00"D, Polypropylene      | 111267    |
| 19   |             | 2   | Screw, Hex Head, Serrated Flange, 1/4-20 x 3/8, Steel, Zinc         | 112504    |
| 20   |             | 2   | Ramp Shoe, Large, 1.95 x 0.88 x 0.80, Polyamide 66, Black           | 112711    |
| 21   |             | 2   | Latch, 1/4-Turn, 2x4mm Slotted w/ 30mm Cam, Black, SCE-DLSBB-30     | 113885    |
| 22   |             | 2   | Washer, Sealing, 3/4, 0.75 x 1.19, NA1001 Green w/ Aramid Fiber     | 114506    |
| 23   | Gasket Kit  | 1   | Gasket, Strip, Cut to Length, 3/16 x 3/16 x 106.00, Urethane w/PSA  | 118419    |
| 24   |             | 1   | Enclosure Body  | NA        |
| 25   |             | 1   | Enclosure Bottom  | NA        |
| 26   |             | 1   | Enclosure Door  | NA        |
| 27   | Gland Plate | 1   | Enclosure Gland Plate   | NA        |
| 28   |             | 1   | Enclosure Gutter Angle Template                                     | NA        |
| 29   |             | 1   | Enclosure Rear Stud Template  | NA        |
| 30   |             | 1   | Enclosure Right Side  | NA        |
| 31   |             | 1   | Enclosure Top   | NA        |
| 32   |             | 2   | Eyebolt Support, Flat, 14.625 x 4.00, Stainless Steel               | NA        |


CONSTRUCTION NOTES:

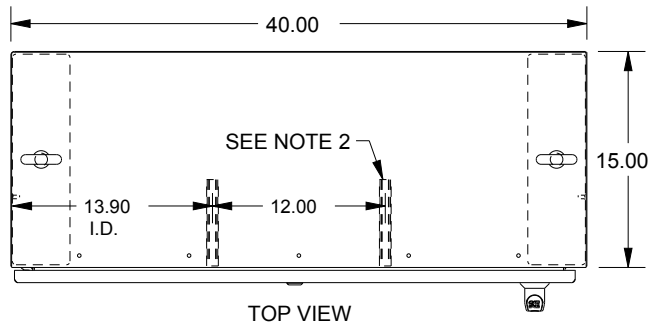
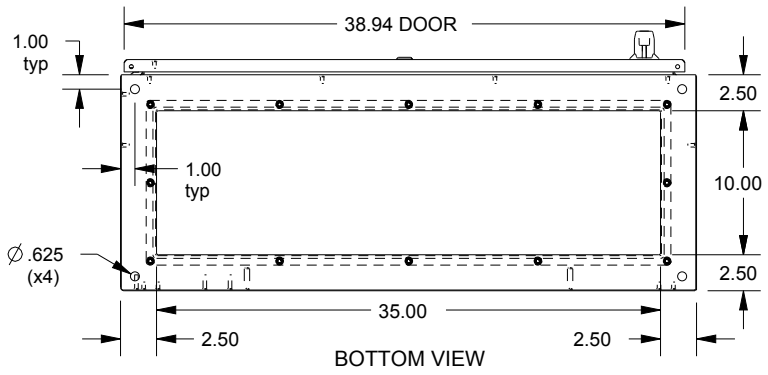
- NO STANDARD SUBPANEL PROVISIONS ARE REQUIRED IN THIS ENCLOSURE.
- A BLACK ZINC DIE CAST KEYLOCKING/PADLOCKING HANDLE WITH 3-POINT LATCHING PROVISIONS IS REQUIRED ON THE DOOR.
- CONCEALED HINGES WITH REMOVABLE STAINLESS STEEL HINGE PINS ARE REQUIRED ON THE DOOR.
- THE ENCLOSURE REQUIRES HEAVY DUTY LIFTING EYES & EYEBOLT SUPPORTS TO REINFORCE THE ENCLOSURE TOP.
- BLACK SLOTTED QUARTER-TURN LATCHES ARE REQUIRED ON THE TOP AND THE BOTTOM OF THE DOOR.
- PROVISIONS FOR A BOLT ON DRIP SHIELD ARE PROVIDED IN THE TOP OF THE ENCLOSURE.
- PROVISIONS FOR ATTACHING AN ALUMINUM GLAND PLATE TO THE INTERIOR BOTTOM OF THE ENCLOSURE ARE PROVIDED. GLAND PLATE, STRIP GASKET AND FLANGED NUTS ARE TO SHIP LOOSE.
- 1/4-20 x 1/2" ARC STUD PROVISIONS IN BOTH SIDES FOR SECURING CUSTOMER SUPPLIED MOUNTING ANGLES.

| BY    | REV. | ECR | DESCRIPTION OF CHANGES  | DATE     |
|-------|------|-----|---|----------|
| Bauer | 1    |     | Moved (4) studs on upper rear wall, changed (5) studs on lower rear wall to #100850 per customer Rev. 1 | 09/06/16 |

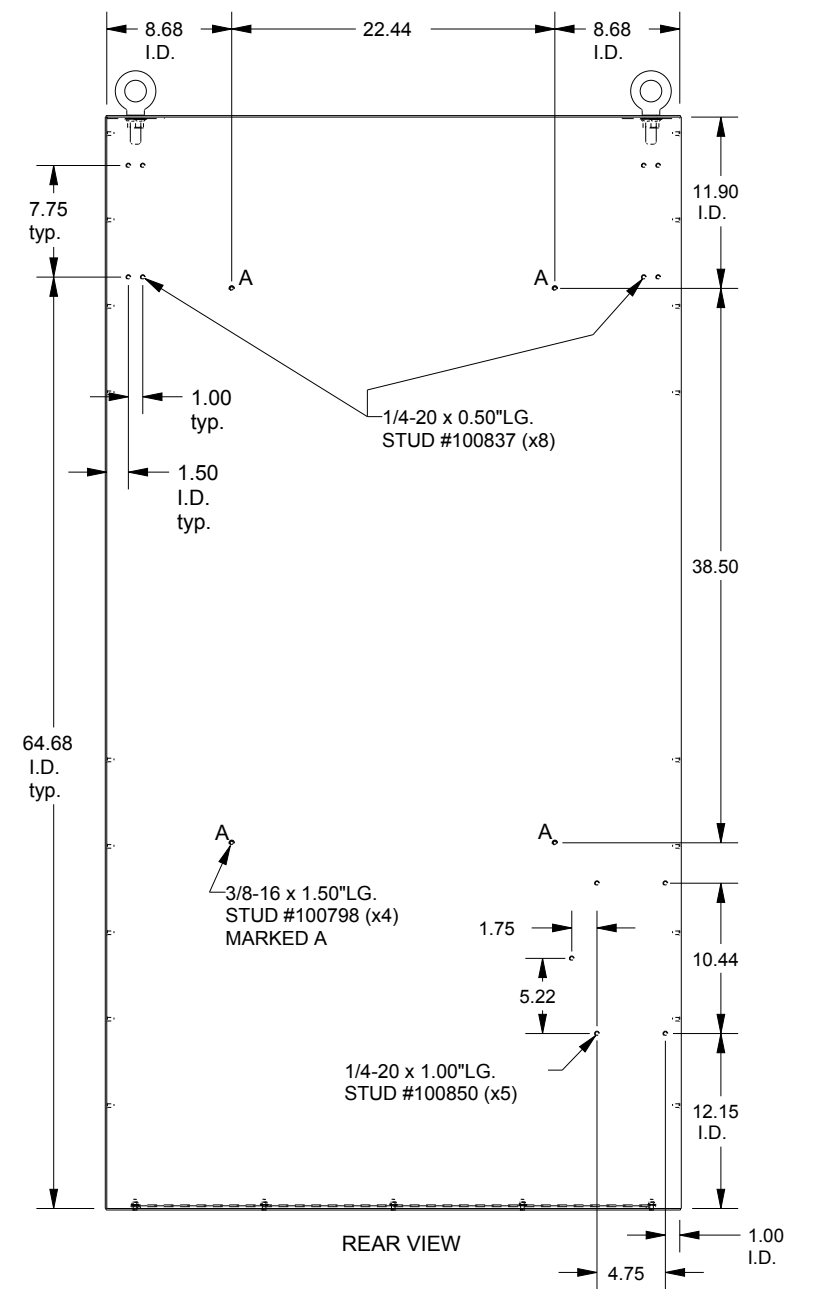
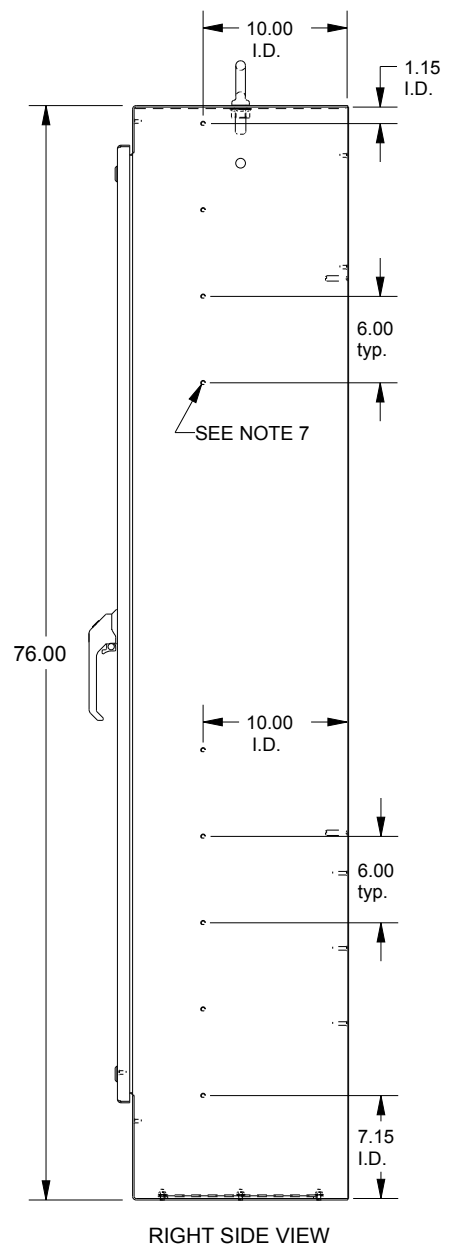
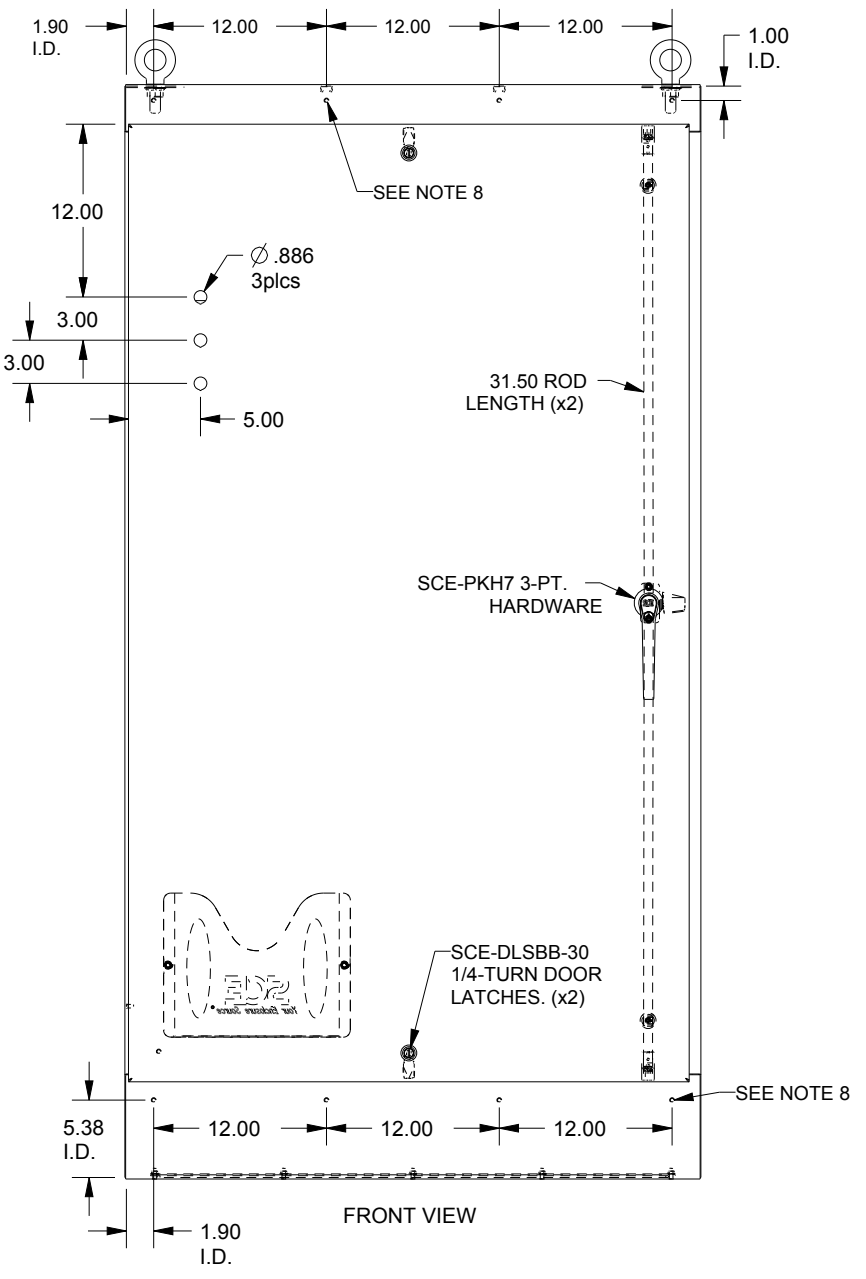
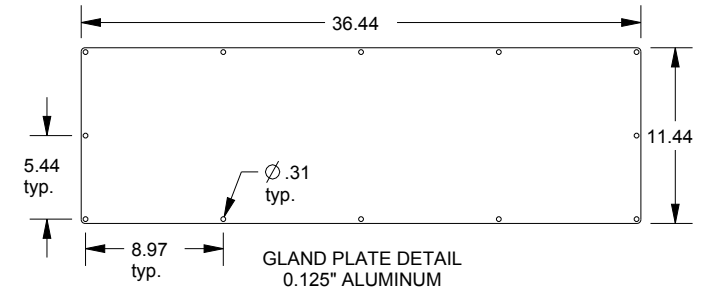
|  |
|--|
| TOLERANCES UNLESS OTHERWISE SPECIFIED<br>ANGULAR ± 1.0<br>HOLES & CENTERS ± 0.005<br>LINEAR: 0.XX ± 0.023<br>LINEAR: 0.XXX ± 0.011 |
|--|

|  |
|--|
| DRAWN BY: Irvine   |
| DATE: 08/12/16   |
| 0.104" #4 BRUSHED TYPE 304 STAINLESS STEEL MATERIAL UNLESS SPECIFIED |

|   |   |
|---|---|
| CUSTOMER: MARINA ELECTRICAL EQUIPMENT INC |   |
| PART NUMBER: MEE5-76EL4015SSFS            | REV: 1  |
| CUSTOMER I.D.: MEE5                       | <br>Your Enclosure Source® |
| SHEET: 1 OF 2                             |   |



- NOTES:
1. ALL OF THE SEAMS ARE TO BE CONTINUOUSLY WELDED SOLID AND GROUND SMOOTH.
  2. S.S. B-72 CHANNEL LIGHT FIXTURE PROVISIONS REQUIRED ON INTERIOR TOP IN LOCATIONS SHOWN IN THE TOP VIEW.
  3. (4) 3/8-16 STUDS #100798, (8) 1/4-20 STUDS #100837 AND (5) 1/4-20 #100850 STUDS REQUIRED ON THE INTERIOR BACK WALL. A TEMPLATE IS PROVIDED FOR LOCATING STUDS AT WELD. SEE SHEET 4 FOR TEMPLATE DETAILS.
  4. A GROUND STUD IS REQUIRED ON THE DOOR AND ON THE BODY IN THE STANDARD LOCATIONS.
  5. PROVISIONS ARE REQUIRED ON THE INTERIOR OF THE DOOR IN THE STANDARD LOCATIONS FOR A LARGE PRINT POCKET.
  6. SCE CONCEALED HINGES WITH REMOVABLE STAINLESS STEEL HINGE PINS ARE REQUIRED ON THE DOOR.
  7. 1/4-20 STUDS #100837 IN BOTH SIDES FOR SECURING CUSTOMER SUPPLIED ANGLES. TEMPLATE PROVIDED FOR STUD LOCATIONS ON BOTH SIDES. SEE SHEET 4 FOR TEMPLATE DETAILS.
  8. (4) 1/4-20 STUDS #100837 REQUIRED ON THE INTERIOR TOP FLANGE AND (4) 1/4-20 STUDS #100837 REQUIRED ON THE INTERIOR BOTTOM FLANGE IN THE SHOWN LOCATIONS.



| BY    | REV. | ECR | DESCRIPTION OF CHANGES  | DATE     |
|-------|------|-----|---|----------|
| Bauer | 1    |     | Moved (4) studs on upper rear wall, changed (5) studs on lower rear wall to #100850 per customer Rev. 1 | 09/06/16 |

TOLERANCES  
UNLESS OTHERWISE SPECIFIED  
ANGULAR ± 1.0°  
HOLES & CENTERS ± 0.005  
LINEAR: 0.XX ± 0.023  
LINEAR: 0.XXX ± 0.011

DRAWN BY: Irvine  
DATE: 08/12/16  
0.104" #4 BRUSHED TYPE 304 STAINLESS STEEL MATERIAL UNLESS SPECIFIED

CUSTOMER: MARINA ELECTRICAL EQUIPMENT INC  
PART NUMBER: MEE5-76EL4015SSFS  
CUSTOMER I.D.: MEE5  
SHEET: 2 OF 2  
REV: 1

