



May 22, 2023

Roshanak Amirazizi P.E.
Civil Engineer
OC Development Services / Building and Safety
Orange County, CA

RE: BNR21-0604 Dana Point Harbor, Aluminum Gates – Dock E1, E2, E3
Deferred Submittal

Dear Roshanak,

Please find the attached revised drawings and calculations for the aluminum gates to be used at docks E1, E2 and E3 of the Dana Point Harbor Revitalization Project (permit number BNR21-0604). The drawings and calculations are dated 5/18/2023.

The gates are a manufactured product from Specialty Steel Products, Inc. and have been engineered and sealed by Grantham Engineering. As Engineer-of-Record for the marina portion of the redevelopment, I have reviewed the drawings and calculations for general conformance with the project requirements. This includes review of the attachment of the gates to the floating docks.

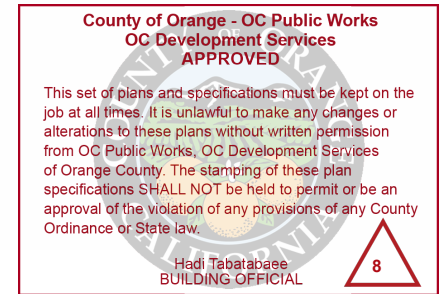
Sincerely,

Bellingham Marine Engineering

Craig S. Funston, P.E., S.E.

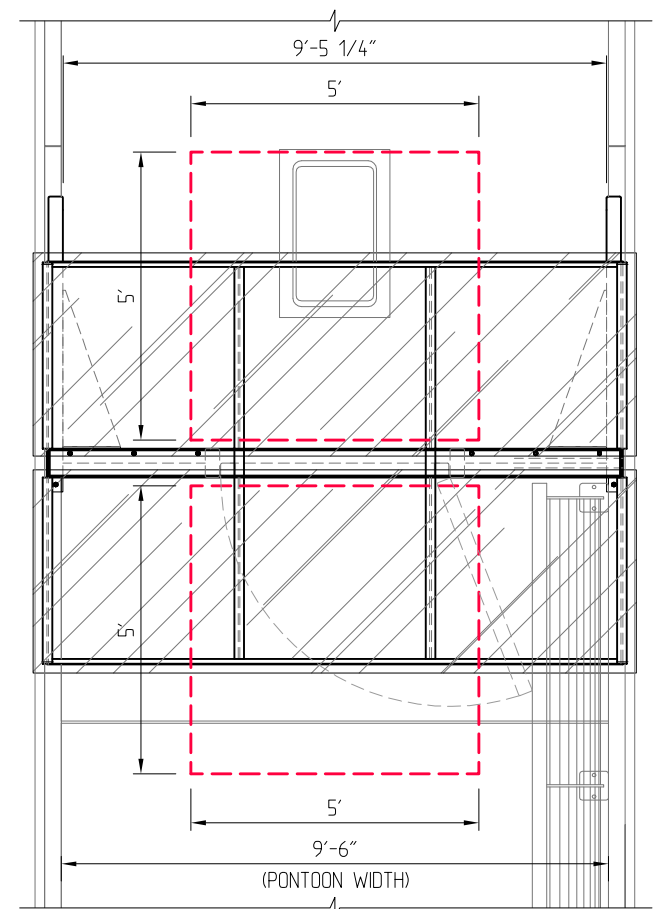


Craig S
Funston
2023.05.22
13:51:46-07'00"

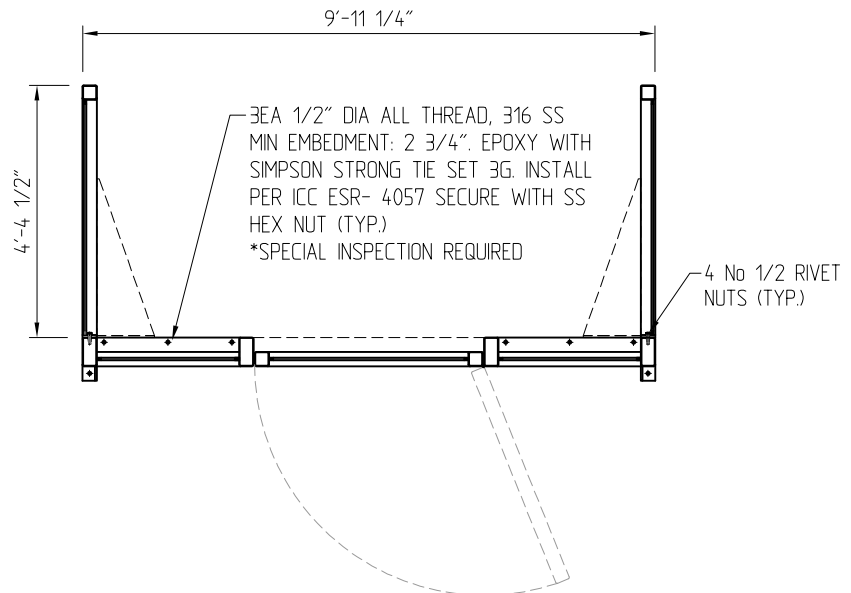


Attachments:

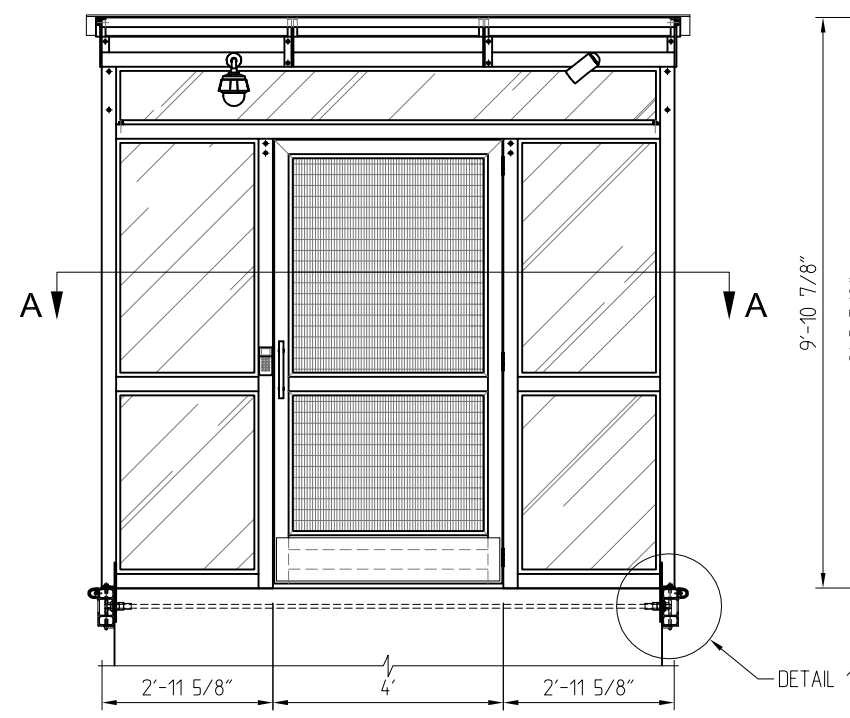
- | | |
|-----------------------------------|------------|
| SSP Aluminum Gate Drawing | 2023-05-18 |
| SSP Aluminum Gate Calculation Set | 2023-05-18 |



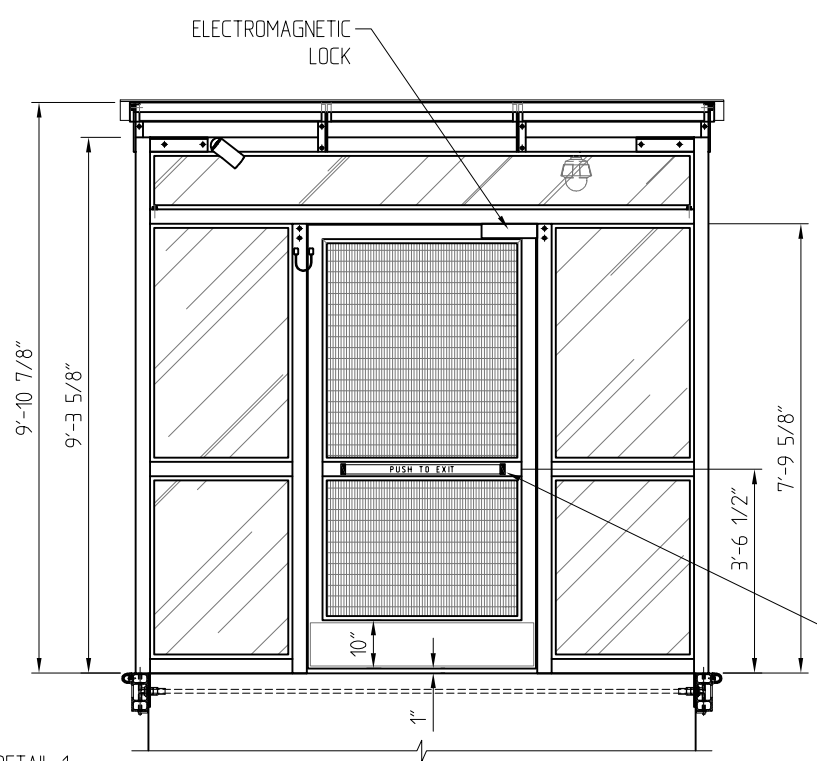
PLAN VIEW
E1 SECURITY GATE (E3 SIMILAR BUT MIRRORED)
 SCALE 1 : 40



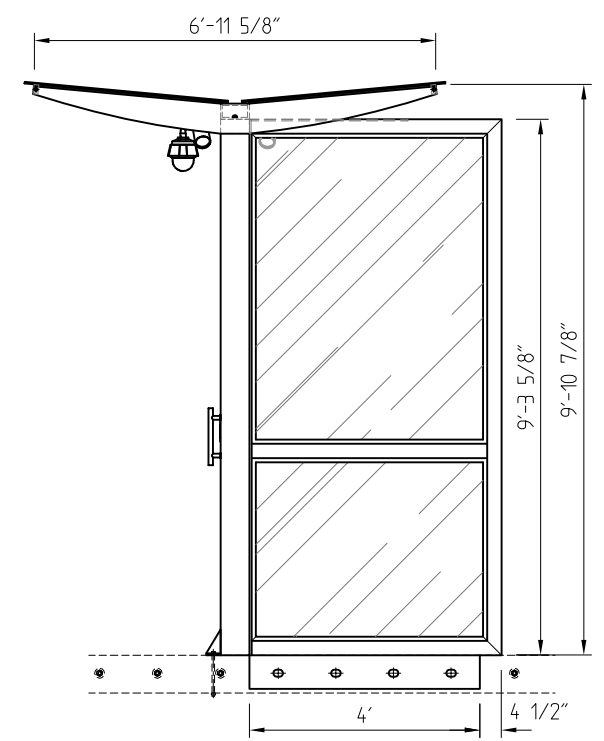
SECTION A-A
 SCALE 1 : 40



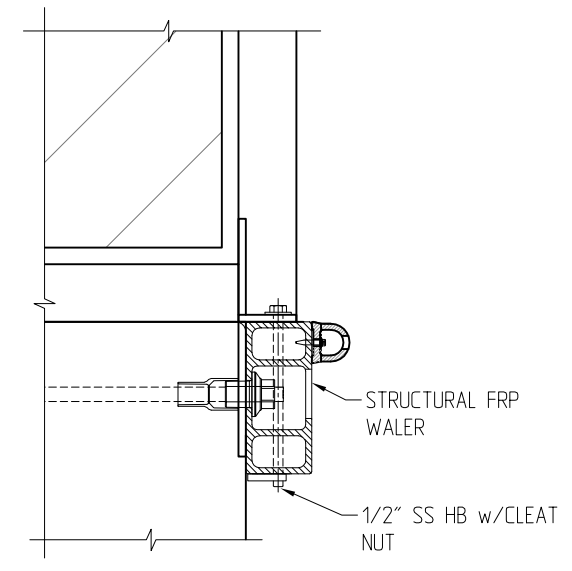
FRONT ELEVATION
 SCALE 1 : 40



BACK ELEVATION
 SCALE 1 : 40



SIDE ELEVATION
 SCALE 1 : 40



DETAIL 1
 SCALE 1 : 10

- APPLICABLE CODES:**
 ALUMINUM DESIGN MANUAL 2015 AND 2020
 IBC 2018
 ASCE 7-16
 CALIFORNIA BUILDING CODE (CBC) 2019 - OC Public Works Development Services APPROVED
 1. SPECIAL BUILDING INSPECTOR (SBI) APPROVAL FOR EPOXY ANCHORS
 2. SPECIAL INSPECTOR (SI) APPROVAL FOR STRUCTURAL FRP WALERS
 3. STRUCTURAL FRP WALERS SHALL BE APPROVED BY THE SBI OF ORANGE COUNTY. THE STARTING OF THESE PLAN SPECIFICATIONS SHALL NOT BE HELD TO PERMIT OR BE AN APPROVAL OF THE VIOLATION OF ANY COUNTY ORDINANCE OR STATE LAW.
 4. OPERABLE PARTS SHALL NOT BE HELD TO PERMIT OR BE AN APPROVAL OF THE VIOLATION OF ANY COUNTY ORDINANCE OR STATE LAW.
 5. DOOR HARDWARE SHALL BE AS PER CBC, 10B-01.1.1
 6. MANEUVERING, LANDING, CLOSING SPEED, SURFACE AND OPENING FORCE AS PER CBC, 10B-01.1.1
 7. DOOR UNINTERRUPTED SURFACE AS PER CBC, 11B-404.2.10.
 8. DOOR LEAF WIDTH AS PER CBC, 1010.1.2.1.
 9. PANIC HARDWARE AS PER CBC, 1010.1.10.
 10. DOOR OPENING AS PER CBC, 1005.7.1.
 11. DOOR SWING AS PER CBC 1010.1.2.1.

MSB550-PUSH TO EXIT BAR
 DOOR CLOSER TO BE ADJUSTED SO FROM AN OPEN POSITION OF 90 DEGREES TO 12 DEGREE TAKES AT LEAST 5 SECONDS.
 OPERABLE PARTS SHALL NOT REQUIRE TIGHT GRASPING.

BELLINGHAM MARINE INDUSTRIES, INC.
 NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER: _____
 REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. ENGINEERING, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.
 Craig Funston P.E., S.E.
 05/22/2023



05/18/2023

NO.	DATE	DESCRIPTION	BY
REVISIONS			

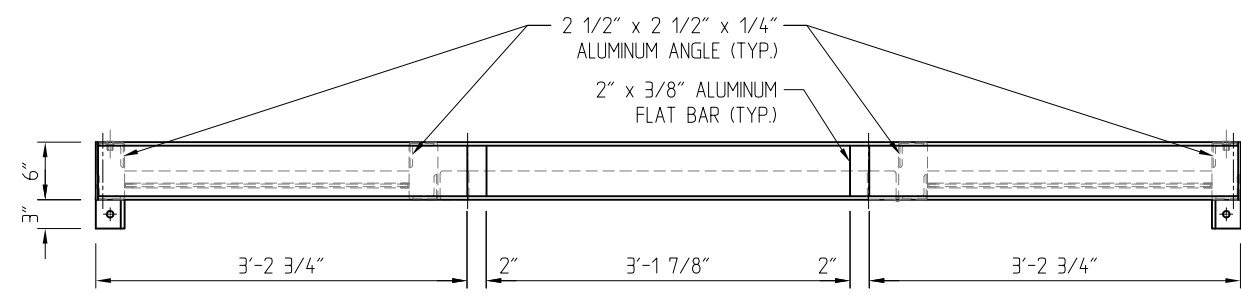
Bellingham MARINE
 THE WORLD'S MOST COMPREHENSIVE MARINA BUILDER

THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC., UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

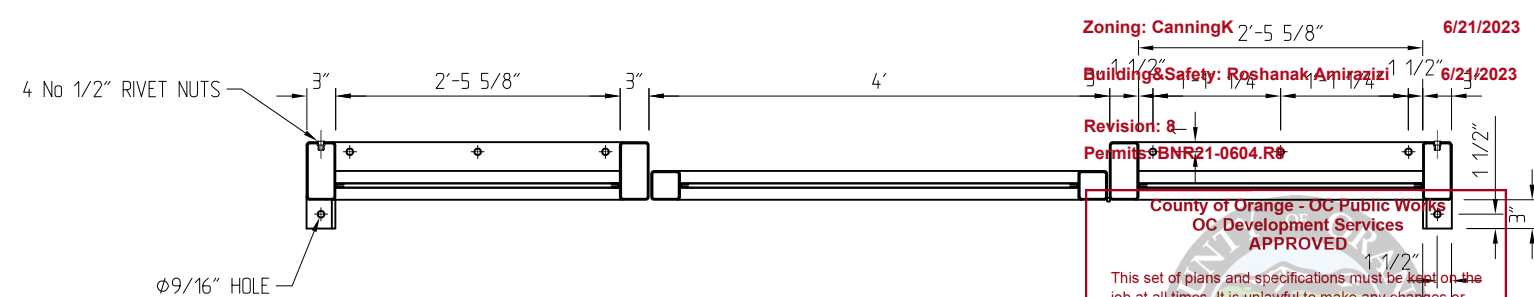
PROJECT NUMBER:
 ENGINEER / DESIGNER:
 PROJECT MANAGER:
 CHECKED BY:

DANA POINT MARINA
 HARBOR DRIVE, DANA POINT CA 92629
E1 & E3 ADA SECURITY GATE - GENERAL ARRANGEMENT

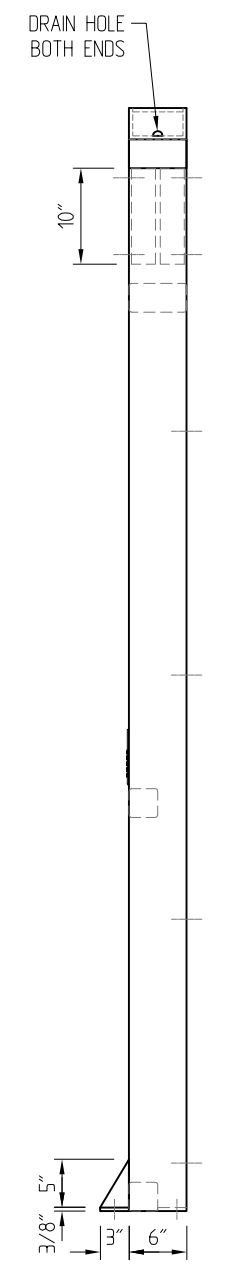
SCALE: AS SHOWN
 DRAWN BY: IN
 DATE: 05/16/23
 DRAWING: 22-P4-SG E1&E3-01
 SHEET NO.: 1



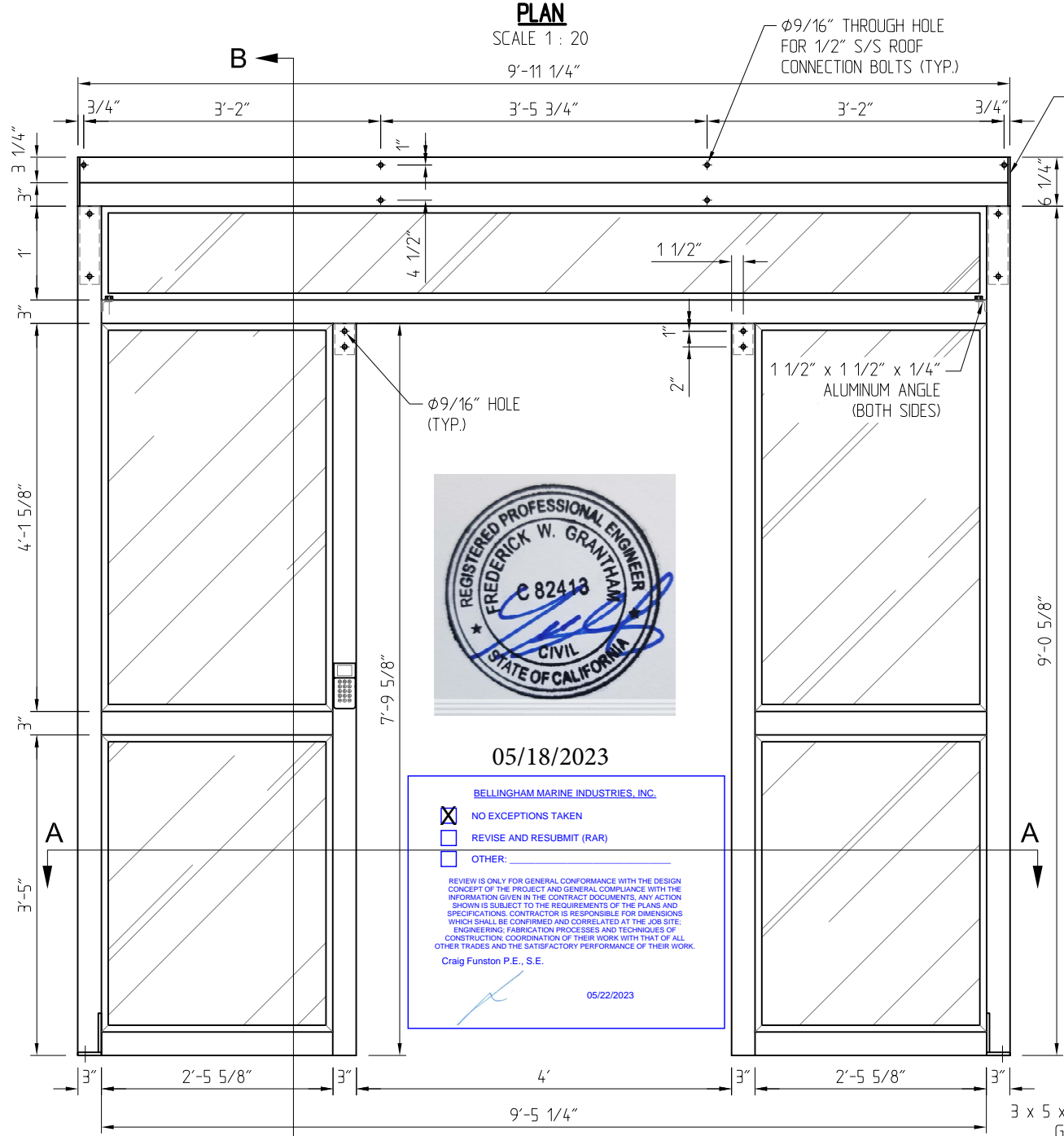
PLAN
SCALE 1 : 20



SECTION A-A
SCALE 1 : 30



SIDE ELEVATION
SCALE 1 : 20



05/18/2023

BELLINGHAM MARINE INDUSTRIES, INC.

NO EXCEPTIONS TAKEN

REVISE AND RESUBMIT (RAR)

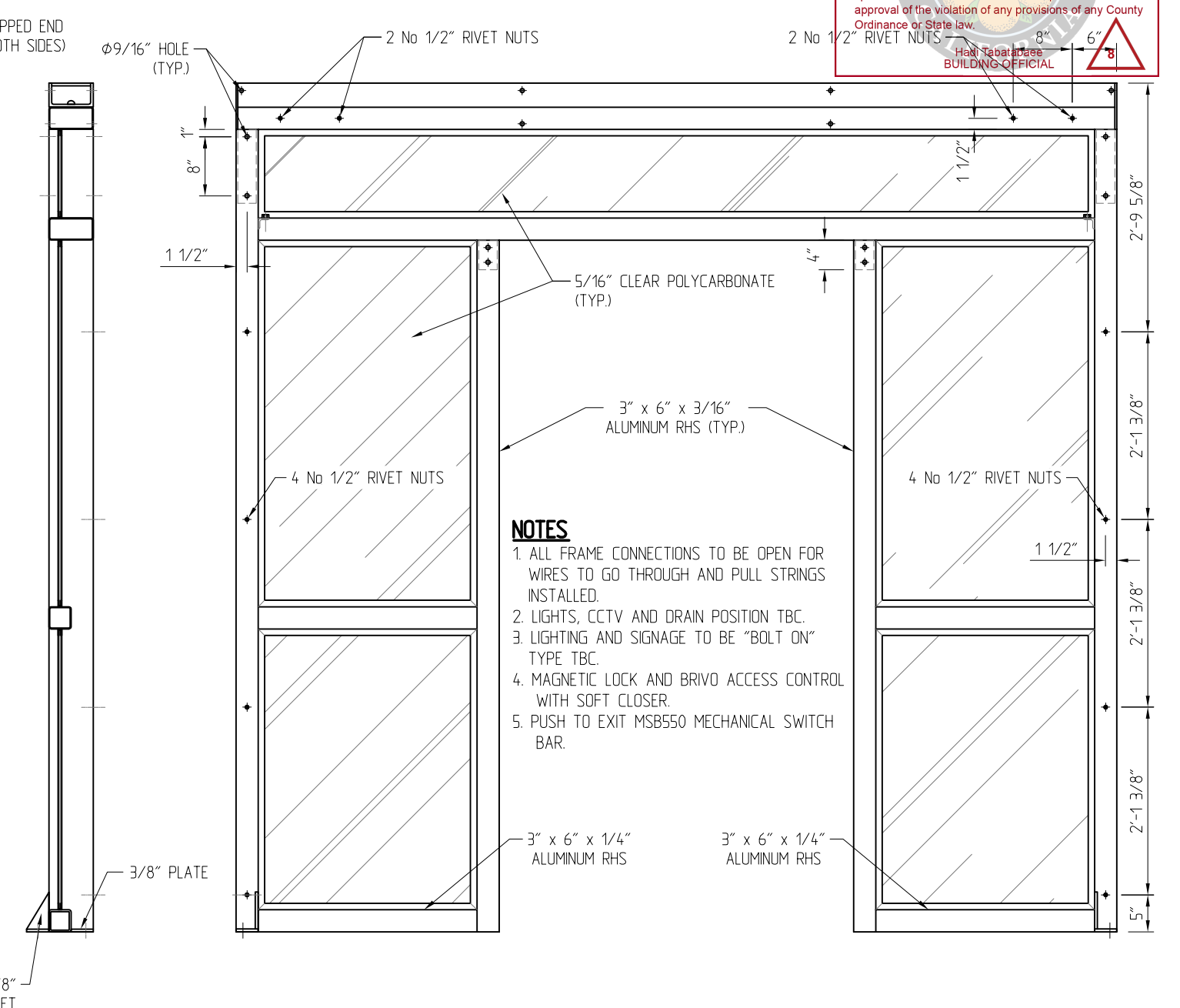
OTHER:

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. ENGINEERING, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.

Craig Funston P.E., S.E.

05/22/2023

FRONT ELEVATION
SCALE 1 : 20



MARINA SITE VIEW
SCALE 1 : 20

- NOTES**
1. ALL FRAME CONNECTIONS TO BE OPEN FOR WIRES TO GO THROUGH AND PULL STRINGS INSTALLED.
 2. LIGHTS, CCTV AND DRAIN POSITION TBC.
 3. LIGHTING AND SIGNAGE TO BE "BOLT ON" TYPE TBC.
 4. MAGNETIC LOCK AND BRIVO ACCESS CONTROL WITH SOFT CLOSER.
 5. PUSH TO EXIT MSB550 MECHANICAL SWITCH BAR.

Zoning: CanningK 2'-5 5/8" 6/21/2023

Building & Safety: Roshanak Amirazizi 6/21/2023

Revision: 8

Permits: BNR21-0604.R8

County of Orange - OC Public Works
OC Development Services
APPROVED

This set of plans and specifications must be kept on the job at all times. It is unlawful to make any changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plan specifications SHALL NOT be held to permit or be an approval of the violation of any provisions of any County Ordinance or State law.

Hadi Tabatabaee
BUILDING OFFICIAL

NO.	DATE	DESCRIPTION	BY
REVISIONS			



THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC., UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

PROJECT NUMBER:

ENGINEER / DESIGNER:

PROJECT MANAGER:

CHECKED BY:

DANA POINT MARINA

HARBOR DRIVE, DANA POINT CA 92629

E1 & E3 ADA SECURITY GATE - MAIN FRAME

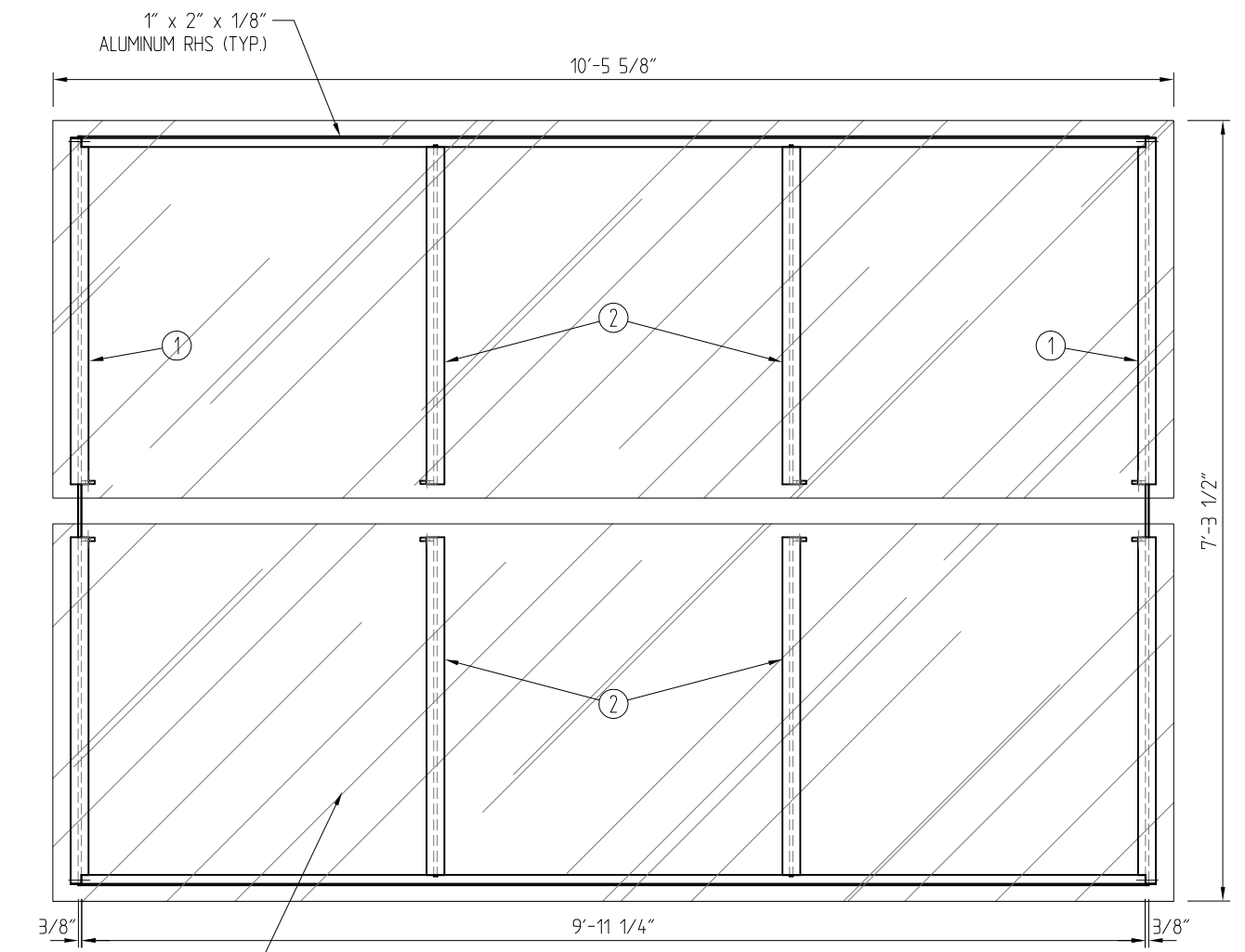
SCALE: AS SHOWN

DRAWN BY: IN

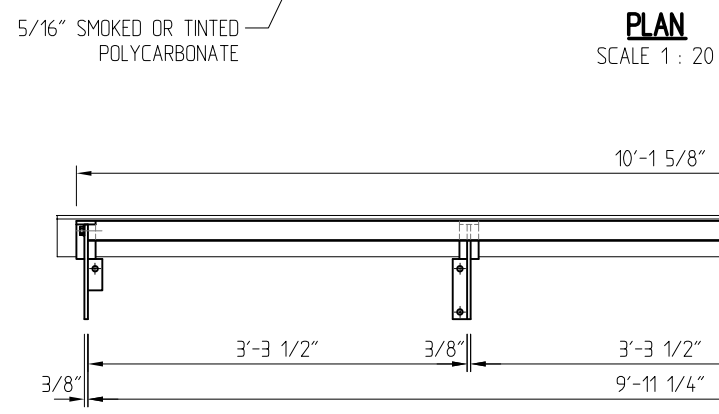
DATE: 05/16/23

DRAWING: 22-P4-SG E1&E3-03

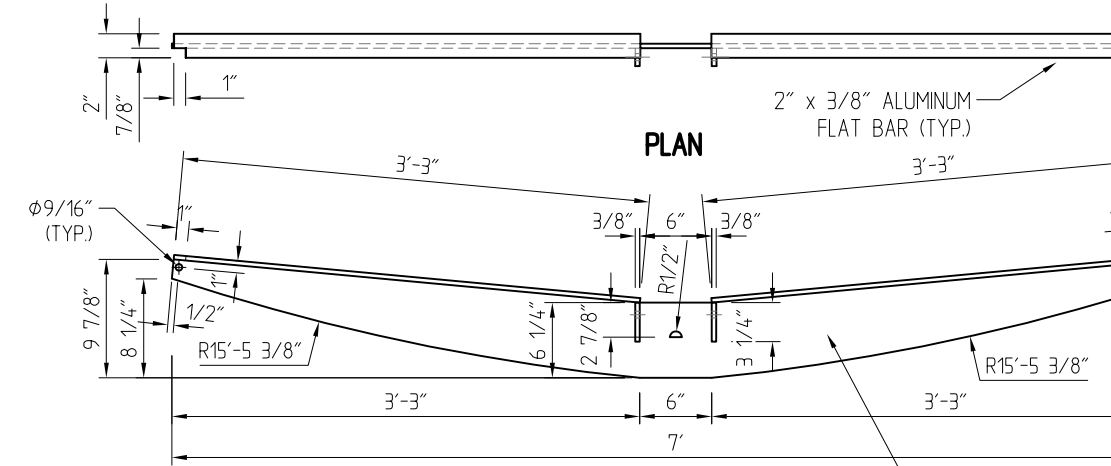
SHEET NO.: 3



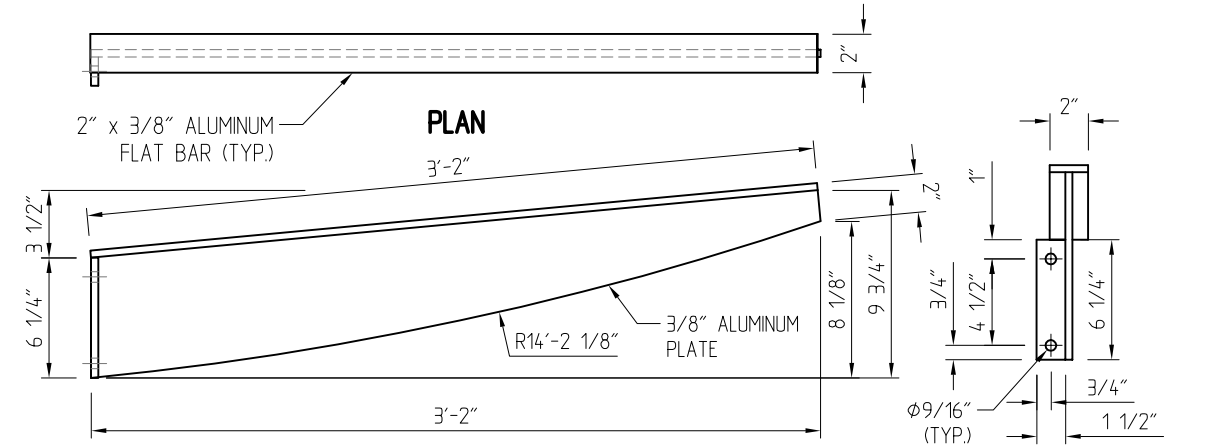
PLAN
SCALE 1 : 20



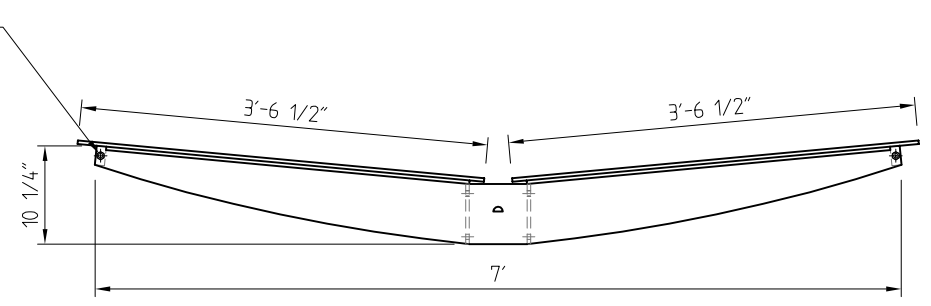
FRONT ELEVATION
SCALE 1 : 20



SIDE ELEVATION
ITEM 1 (2 OFF)
SCALE 1 : 16



SIDE ELEVATION
ITEM 2
(2 OFF AS SHOWN 2 OFF OPPOSITE HAND)
SCALE 1 : 10



SIDE ELEVATION
SCALE 1 : 30

County of Orange - OC Public Works
OC Development Services
APPROVED

This set of plans and specifications must be kept on the job at all times. It is unlawful to make any changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plans and specifications SHALL NOT be held to permit or be an approval of the violation of any provisions of any County Ordinance or State law.

Hadi Tabatabaee
 BUILDING OFFICIAL

BELLINGHAM MARINE INDUSTRIES, INC.
 NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER: _____

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. ENGINEERING, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.

Craig Funston P.E., S.E.
 05/22/2023



05/18/2023

NO.	DATE	DESCRIPTION	BY
REVISIONS			



THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC., UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

PROJECT NUMBER:
 ENGINEER / DESIGNER:
 PROJECT MANAGER:
 CHECKED BY:

DANA POINT MARINA
 HARBOR DRIVE, DANA POINT CA 92629
E1 & E3 ADA SECURITY GATE - ROOF DETAILS

SCALE: AS SHOWN
 DRAWN BY: IN
 DATE: 05/16/23
 DRAWING: 22-P4-SG E1&E3-04
 SHEET NO.: 4

Zoning: CanningK 6/21/2023
 Building&Safety: Roshanak Amirazi 6/21/2023
 Revision: 8
 Permits: BNR21-0604.R8

County of Orange - OC Public Works
 OC Development Services
 APPROVED

This set of plans and specifications must be kept on the job at all times. It is unlawful to make any changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plan specifications SHALL NOT be held to permit or be an approval of the violation of any provisions of any County Ordinance or State law.

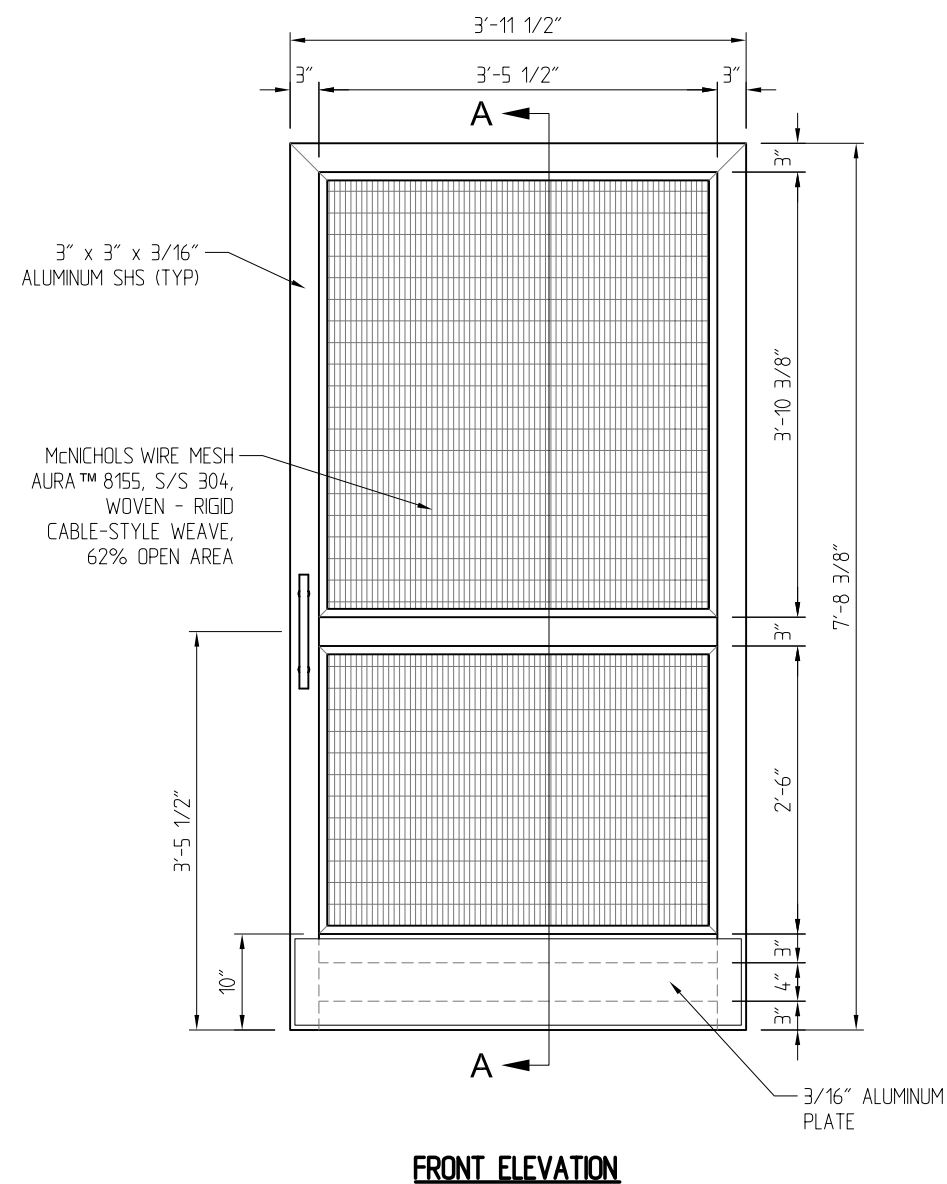
Hadi Tabatabaee
 BUILDING OFFICIAL

BELLINGHAM MARINE INDUSTRIES, INC.

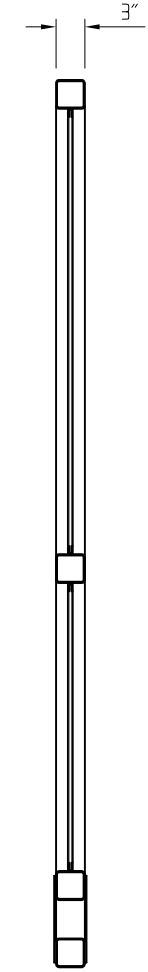
NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER: _____

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. ENGINEERING, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.

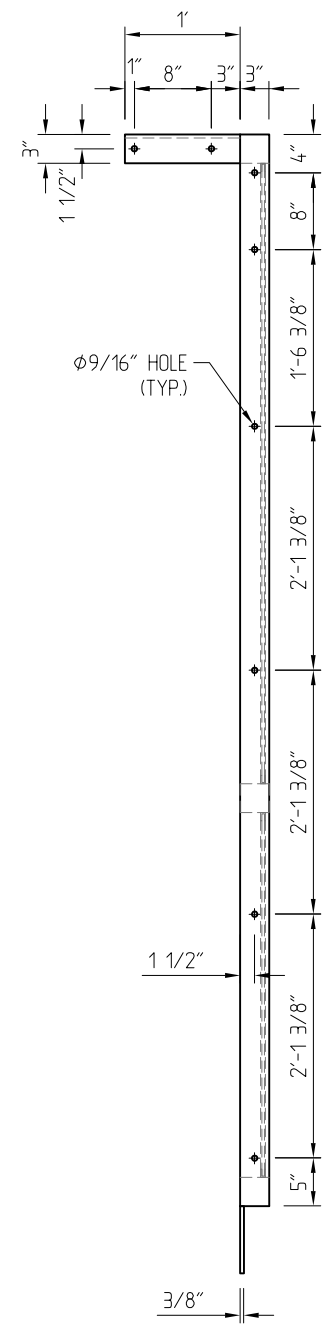
Craig Funston P.E., S.E. 05/22/2023



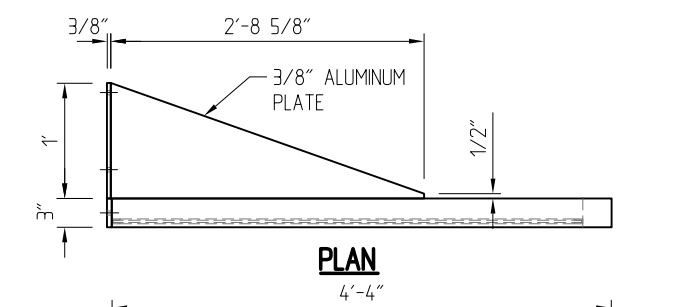
FRONT ELEVATION
DOOR
 SCALE 1 : 20



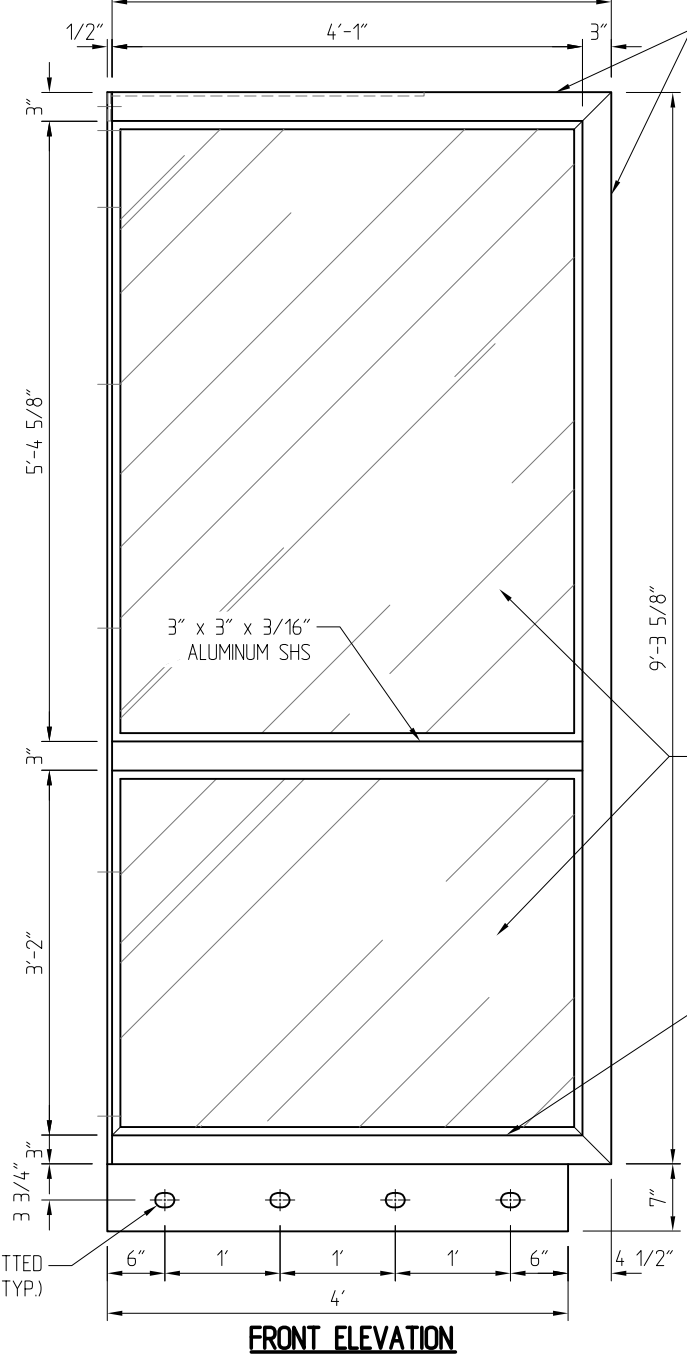
SECTION A-A



SIDE VIEW



PLAN



FRONT ELEVATION

SIDE PANEL
 (1 OFF AS SHOWN 1 OFF OPPOSITE HAND)
 SCALE 1 : 20

NO.	DATE	DESCRIPTION	BY
REVISIONS			



THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC. UNIFLOAT®, UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

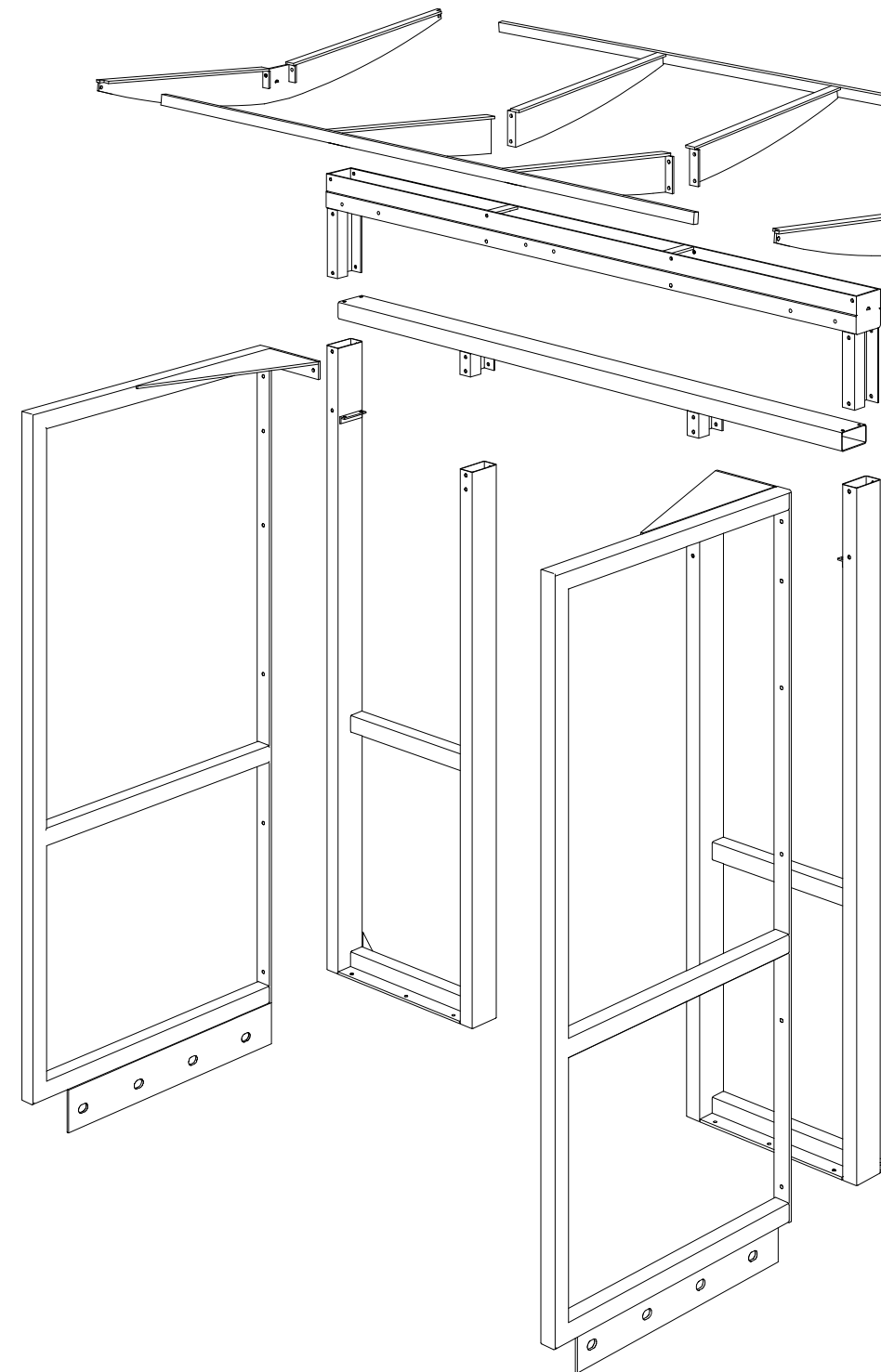
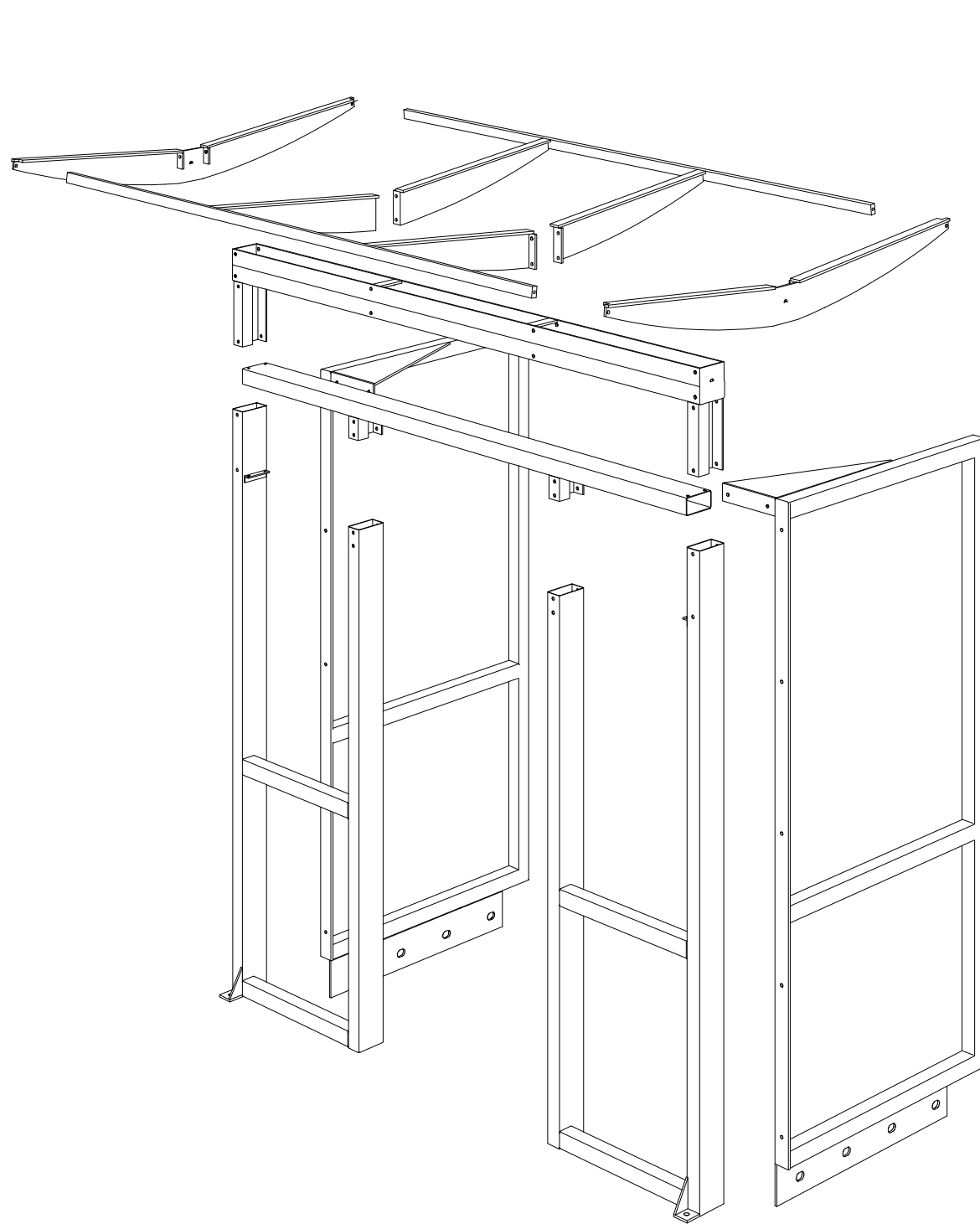
PROJECT NUMBER:
 ENGINEER / DESIGNER:
 PROJECT MANAGER:
 CHECKED BY:

DANA POINT MARINA
 HARBOR DRIVE, DANA POINT CA 92629
E1 & E3 ADA SECURITY GATE - DOOR LEAF & PANELS

SCALE: AS SHOWN
 DRAWN BY: IN
 DATE: 05/16/23
 DRAWING: 22-P4-SG E1&E3-05
 SHEET NO.: 5

05/18/2023

Zoning: CanningK 6/21/2023
 Building&Safety: Roshanak Amirazi 6/21/2023
 Revision: 8
 Permits: BNR21-0604.R8



County of Orange - OC Public Works
 OC Development Services
APPROVED

This set of plans and specifications must be kept on the job at all times. It is unlawful to make any changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plan specifications SHALL NOT be held to permit or be an approval of the violation of any provisions of any County Ordinance or State law.

Hadi Tabatabaee
 BUILDING OFFICIAL

8

BELLINGHAM MARINE INDUSTRIES, INC.

NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER: _____

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. ENGINEERING, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.

Craig Funston P.E., S.E.

05/22/2023



05/18/2023

NO.	DATE	DESCRIPTION	BY
REVISIONS			



THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC. UNIFLOAT®, UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

PROJECT NUMBER:
 ENGINEER / DESIGNER:
 PROJECT MANAGER:
 CHECKED BY:

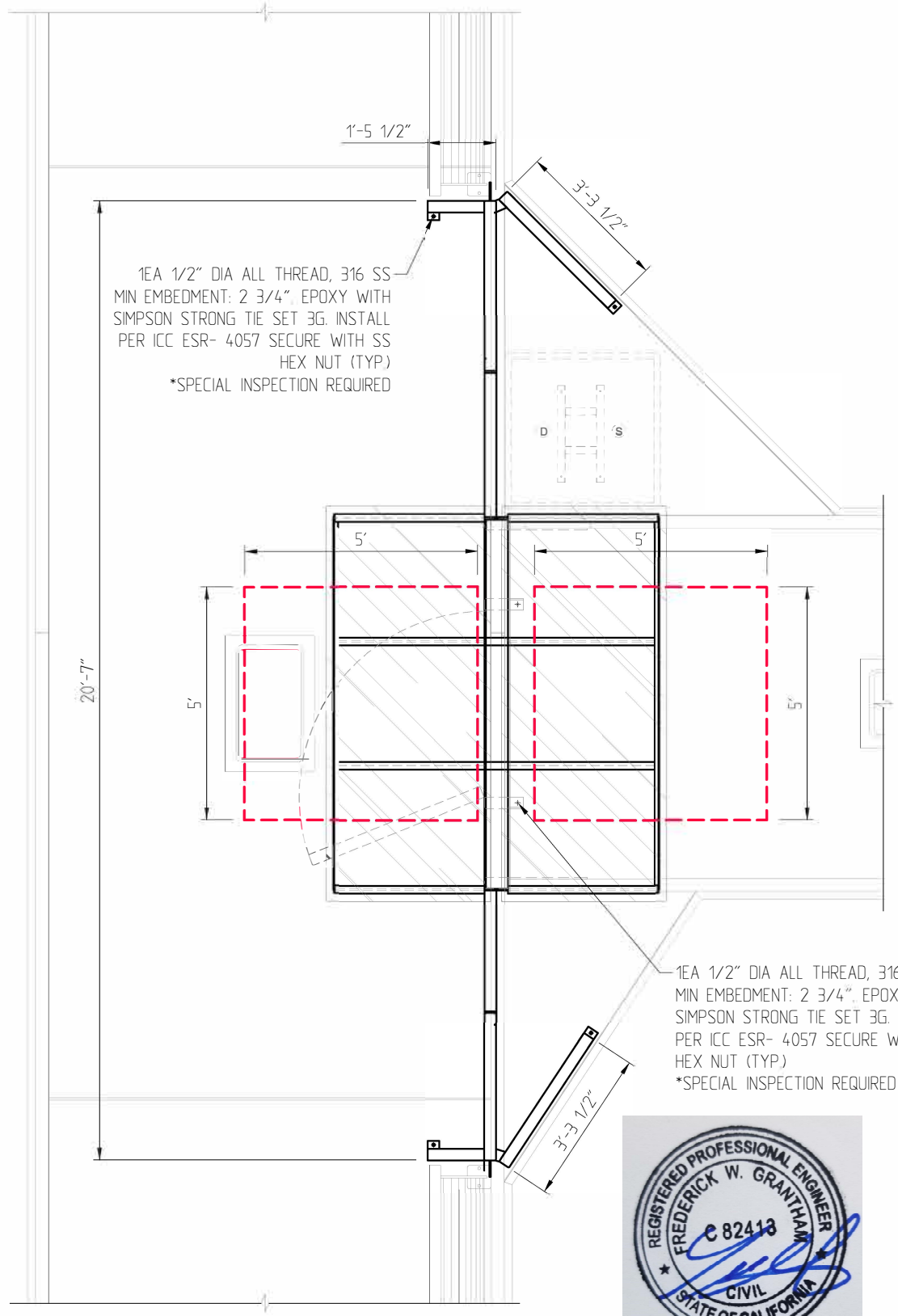
DANA POINT MARINA
 HARBOR DRIVE, DANA POINT CA 92629
E1 & E3 ADA SECURITY GATE - EXPLODED VIEW

SCALE: AS SHOWN
 DRAWN BY: IN
 DATE: 05/16/23
 DRAWING: 22-P4-SG E1&E3-06
 SHEET NO.: 6

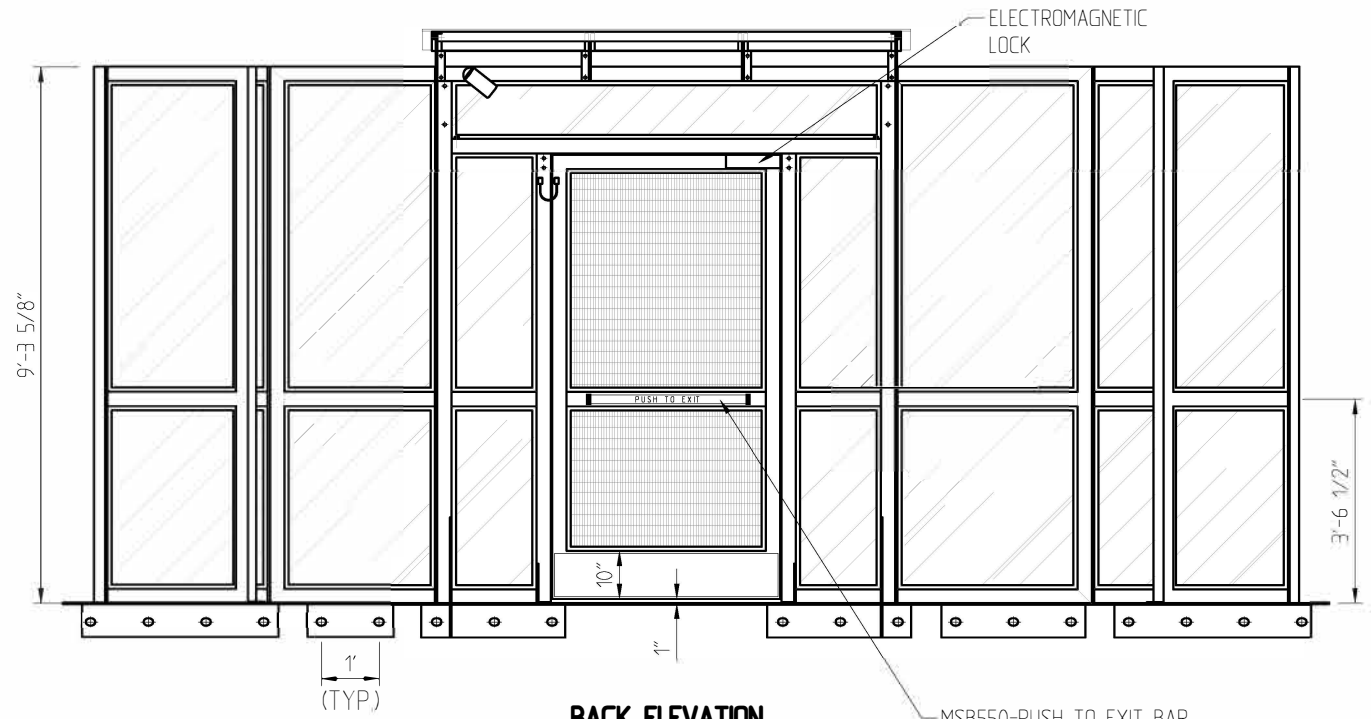
Zoning: CanningK 6/21/2023
APPLICABLE CODES:
 ALUMINUM DESIGN MANUAL 2019 AND 2020
 IBC 2018
 ASCE 7-16
 CALIFORNIA BUILDING CODE 2019
 Revision: 8
 Permits: BNR21-0604.R8

1. SPECIAL BUILDING INSPECTIONS REQUIRED FOR EPOXY ANCHOR APPROVED OR TWINING.
 2. SPECIAL INSPECTOR WILL BE APPROVED.
 3. STRUCTURAL MATERIAL (UNLESS OTHERWISE SPECIFIED) SHALL BE APPROVED.
 4. OPERABLE PARTS SHALL NOT BE GRASPED OR TIGHT GRASPING.
 5. DOOR HARDWARE SHALL BE STAMPED OR BE AN APPROVAL OF THE VIOLATION OF ANY PROVISIONS OF ANY COUNTY ORDINANCE OF STATE LAW, 11B-404.
 6. MANEUVERING SPACE SHALL BE AS PER CBC, 11B-404.2.10.
 7. DOOR UNINTERRUPTED SURFACE AS PER CBC, 11B-404.2.10.
 8. DOOR LEAF WIDTH AS PER CBC, 1010.12.1.
 9. PANIC HARDWARE AS PER CBC, 1010.110.
 10. DOOR OPENING AS PER CBC, 1005.7.1.
 11. DOOR SWING AS PER CBC 1010.12.1.

BELLINGHAM MARINE INDUSTRIES, INC.
 NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER: _____
 REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.
 Craig Funston P.E., S.E.
 05/22/2023

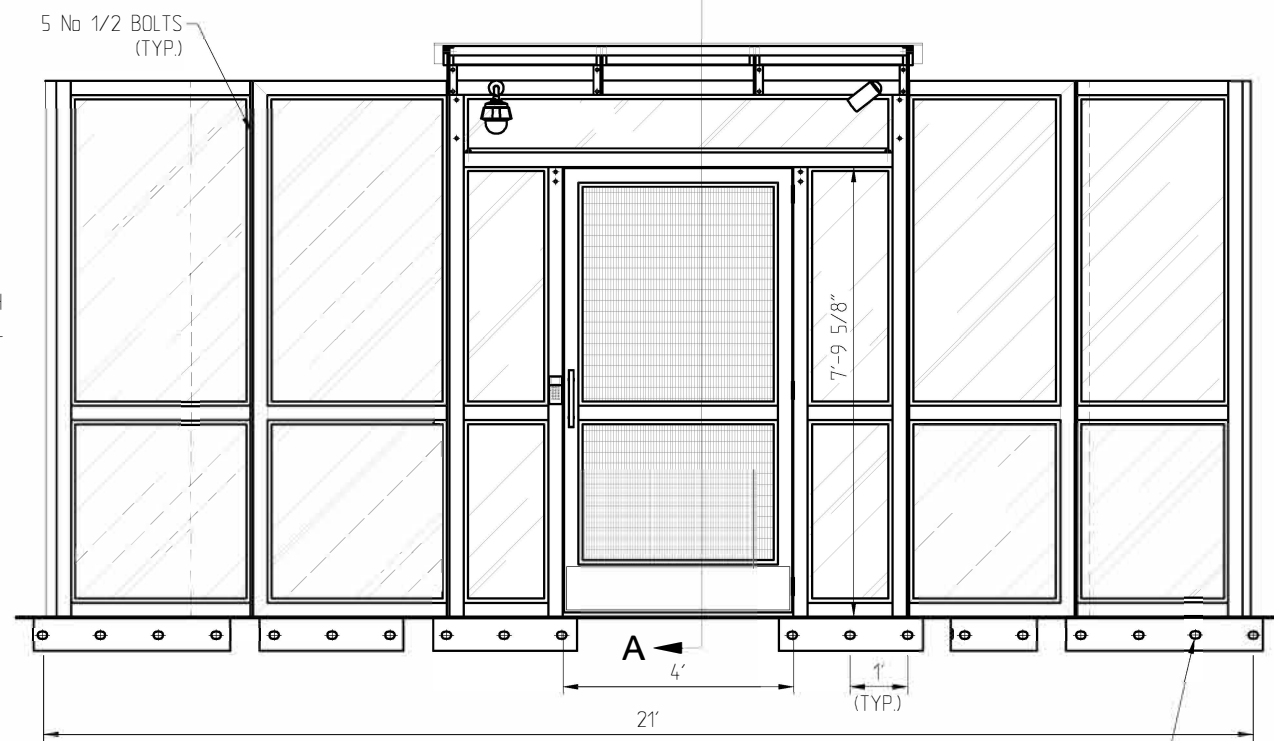


PLAN VIEW
SCALE 1: 40

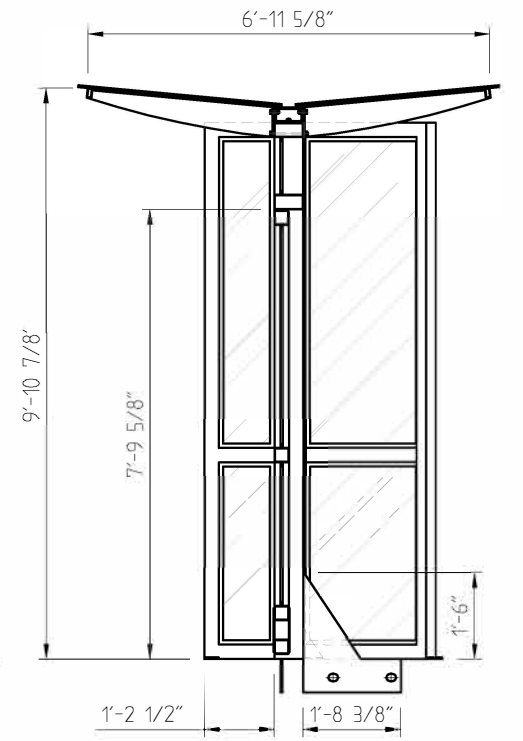


BACK ELEVATION
SCALE 1: 40

MSB550-PUSH TO EXIT BAR
 DOOR CLOSER TO BE ADJUSTED SO FROM AN OPEN POSITION OF 90 DEGREES TO 12 DEGREE TAKES AT LEAST 5 SECONDS
 OPERABLE PARTS SHALL NOT REQUIRE TIGHT GRASPING.



FRONT ELEVATION
SCALE 1: 40



SECTION A-A
SCALE 1: 40

NO.	DATE	DESCRIPTION	BY
A	5/18/23	GENERAL REVISION	
REVISIONS			

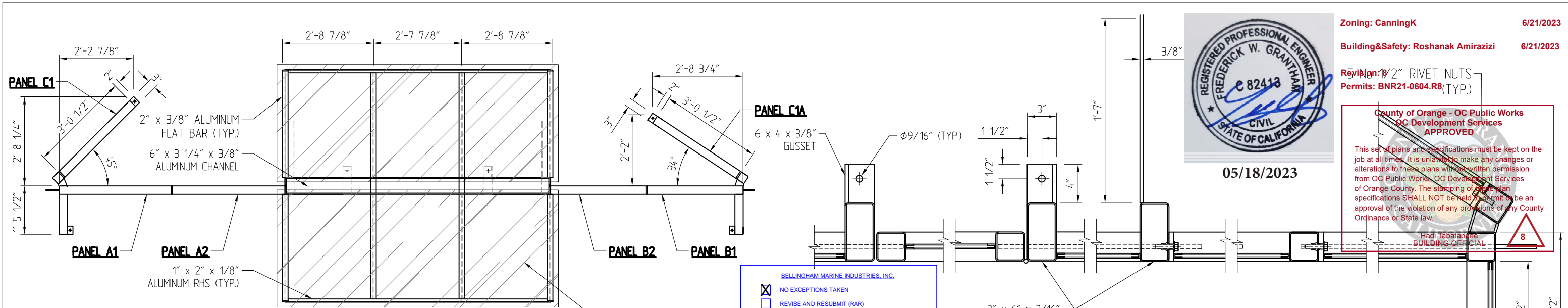
Bellingham MARINE
 THE WORLD'S MOST COMPREHENSIVE MARINA BUILDER

THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC. UNIFLOAT®, UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

PROJECT NUMBER:
 ENGINEER / DESIGNER:
 PROJECT MANAGER:
 CHECKED BY:

DANA POINT MARINA
 HARBOR DRIVE, DANA POINT CA 92629
E-2 ADA SECURITY GATE - GENERAL ARRANGEMENT

SCALE: AS SHOWN
 DRAWN BY: IN
 DATE: 05/17/23
 DRAWING: 22-P4-SG E2-01
 SHEET NO.: 1



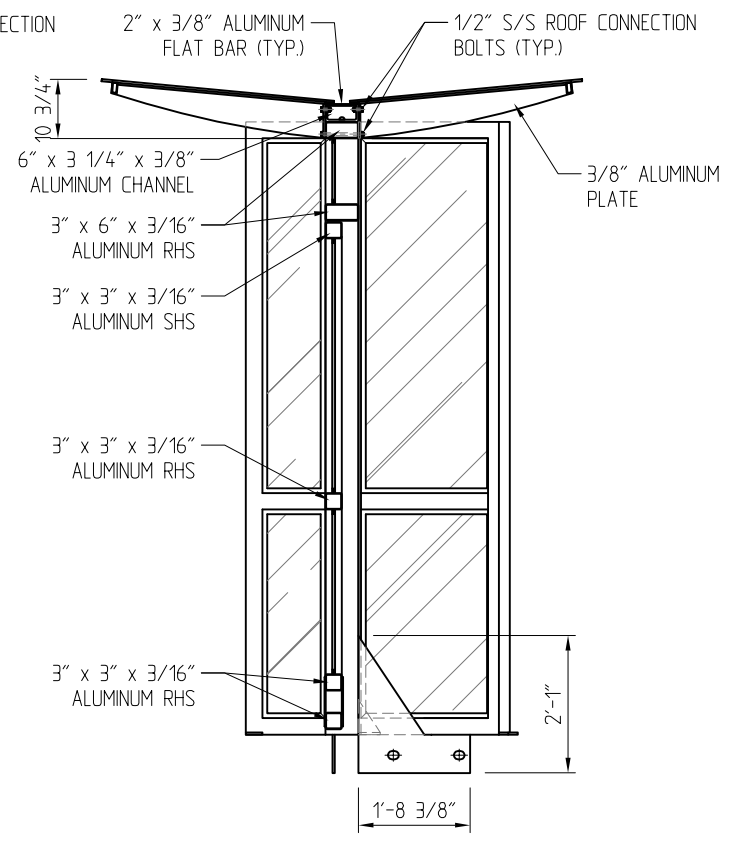
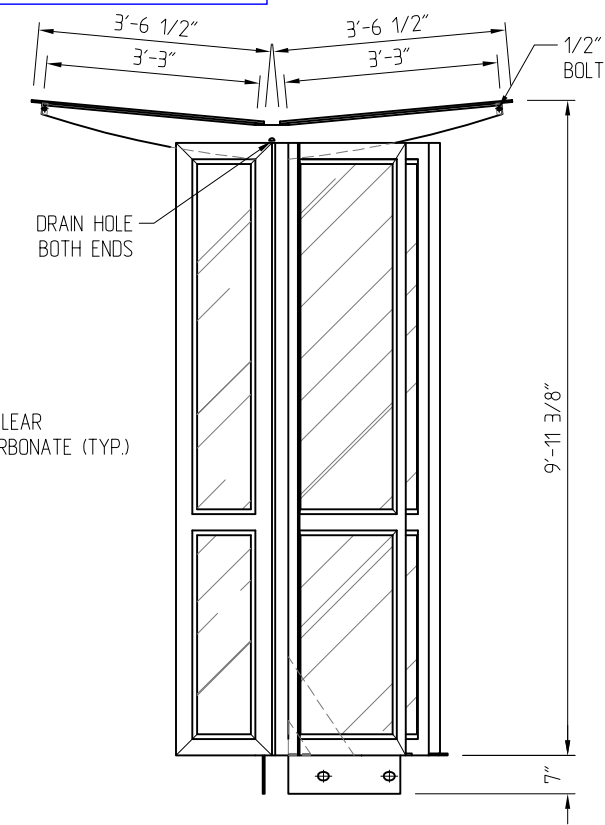
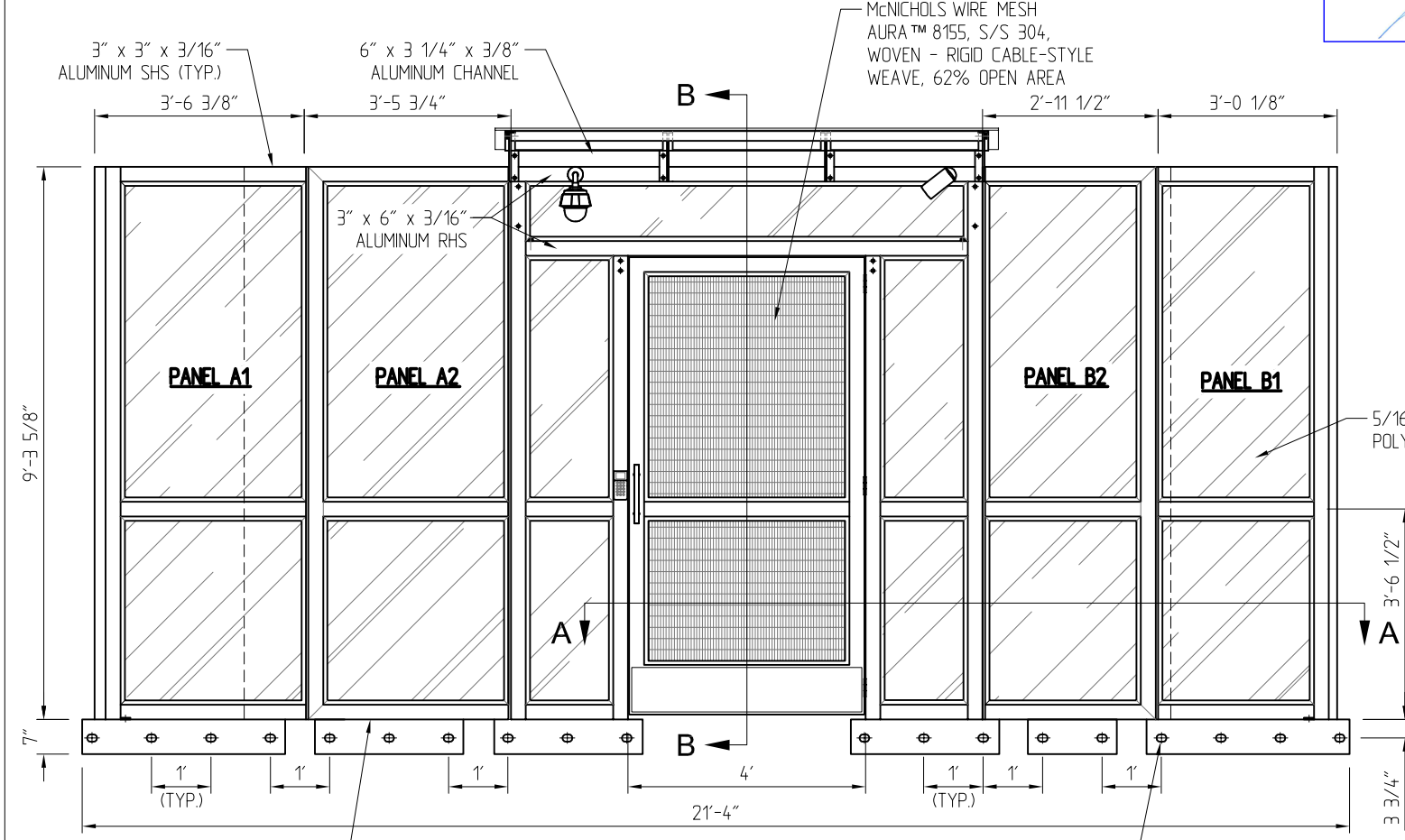
Zoning: CanningK 6/21/2023
 Building&Safety: Roshanak Amirazi 6/21/2023
 Revision: 1/2" RIVET NUTS (TYP.)
 Permits: BNR21-0604.R8

County of Orange - OC Public Works
 OC Development Services
 APPROVED
 This set of plans and specifications must be kept on the job at all times. It is unlawful to make any changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plan specifications SHALL NOT be held to be an approval of the violation of any provisions of any County Ordinance or State law.
 Hadi Tabatabaee
 BUILDING OFFICIAL

BELLINGHAM MARINE INDUSTRIES, INC.
 NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER: _____
 REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. ENGINEERING, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.
 Craig Funston P.E., S.E.
 05/22/2023

PLAN
 SCALE 1 : 30

SECTION A-A
 SCALE 1 : 10



FRONT ELEVATION
 SCALE 1 : 35

SIDE ELEVATION
 SCALE 1 : 35

SECTION B-B
 SCALE 1 : 35

NO.	DATE	DESCRIPTION	BY
A	5/18/23	GENERAL REVISION	
REVISIONS			

Bellingham MARINE
 THE WORLD'S MOST COMPREHENSIVE MARINA BUILDER

THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC., UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

PROJECT NUMBER:
 ENGINEER / DESIGNER:
 PROJECT MANAGER:
 CHECKED BY:

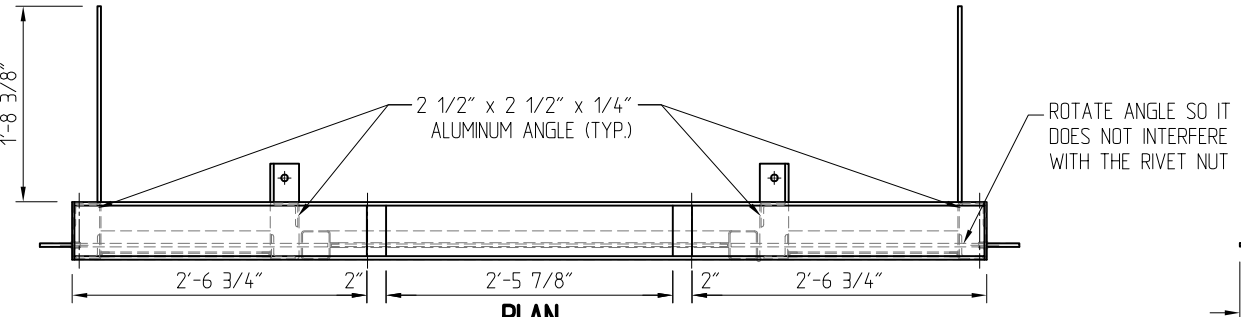
DANA POINT MARINA
 HARBOR DRIVE, DANA POINT CA 92629
E-2 ADA SECURITY GATE - ASSEMBLY DRAWING

SCALE: AS SHOWN
 DRAWN BY: IN
 DATE: 05/17/23
 DRAWING: 22-P4-SG E2-02
 SHEET NO.: 2

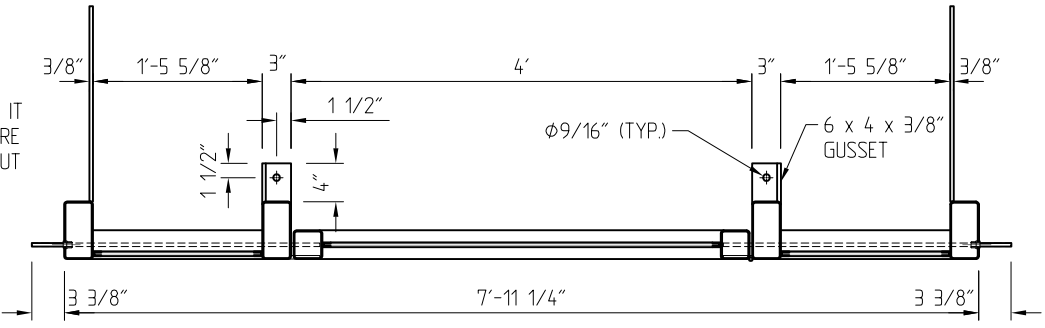
NOTES

1. ALL FRAME CONNECTIONS TO BE OPEN FOR WIRES TO GO THROUGH AND PULL STRINGS INSTALLED.
2. LIGHTS, CCTV AND DRAIN POSITION TBC.
3. LIGHTING AND SIGNAGE TO BE PROVIDED BY PUBLIC WORKS TBC.
4. MAGNETIC LOCK AND BRNO CONTROL WITH SURECLOSE SOFT CLOSER.
5. PUSH TO EXIT

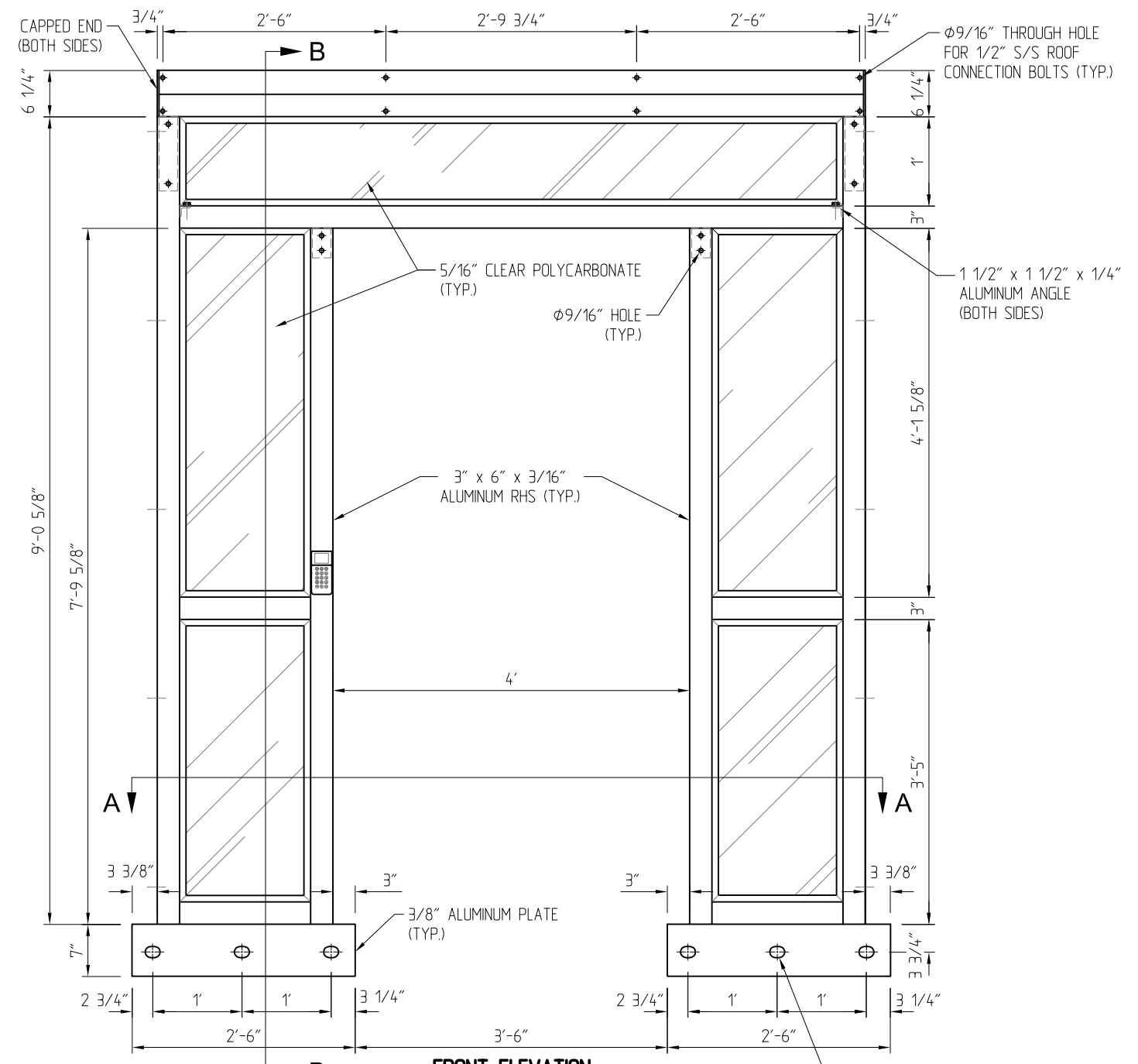
This set of plans and specifications must be kept on the job site. It is the contractor's responsibility to make any changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plan specifications SHALL NOT be held to permit or be an approval of the violation of any provisions of any County Ordinance or State law.
Hadi Tabatabaee
BUILDING OFFICIAL



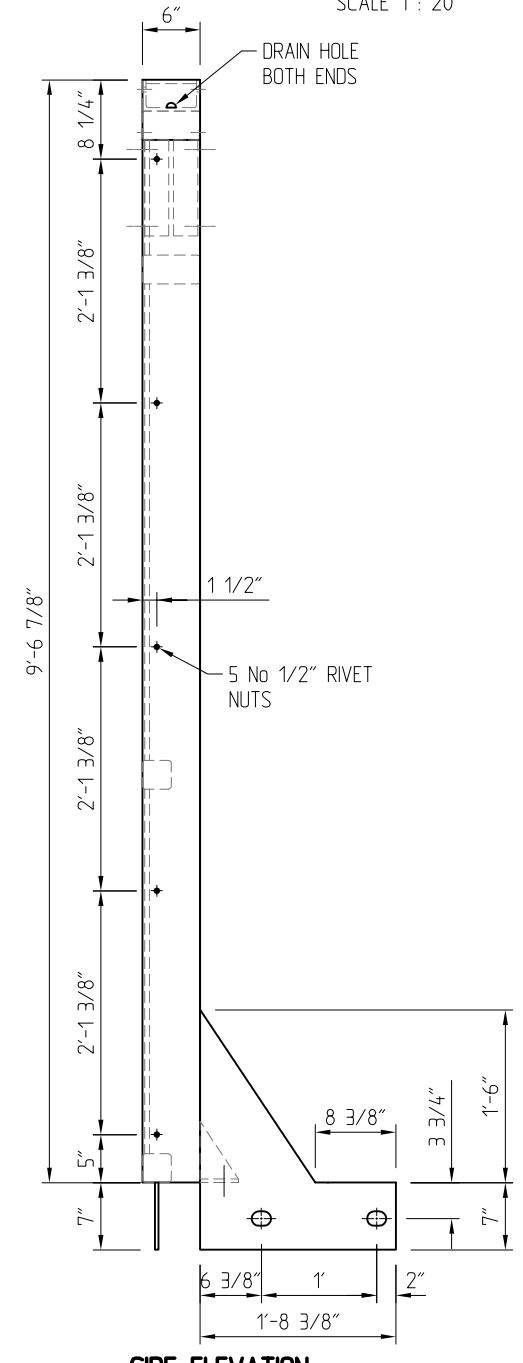
PLAN
SCALE 1 : 20



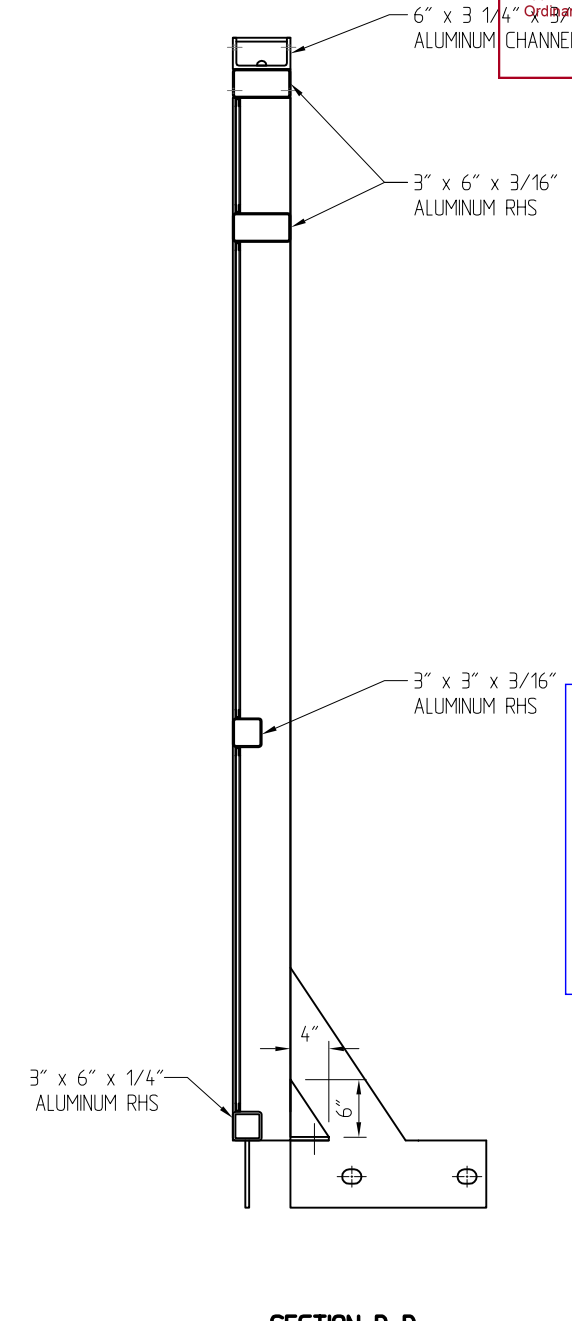
SECTION A-A
SCALE 1 : 20



FRONT ELEVATION
SCALE 1 : 20



SIDE ELEVATION
SCALE 1 : 20



SECTION B-B
SCALE 1 : 20

BELLINGHAM MARINE INDUSTRIES, INC.

NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER: _____

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. ENGINEERING, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.
Craig Funston P.E., S.E.

05/22/2023



05/18/2023

NO.	DATE	DESCRIPTION	BY
A	5/18/23	STUB PLATE MOVED	
REVISIONS			

Bellingham MARINE

THE WORLD'S MOST COMPREHENSIVE MARINA BUILDER

THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC. UNIFLOAT®, UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

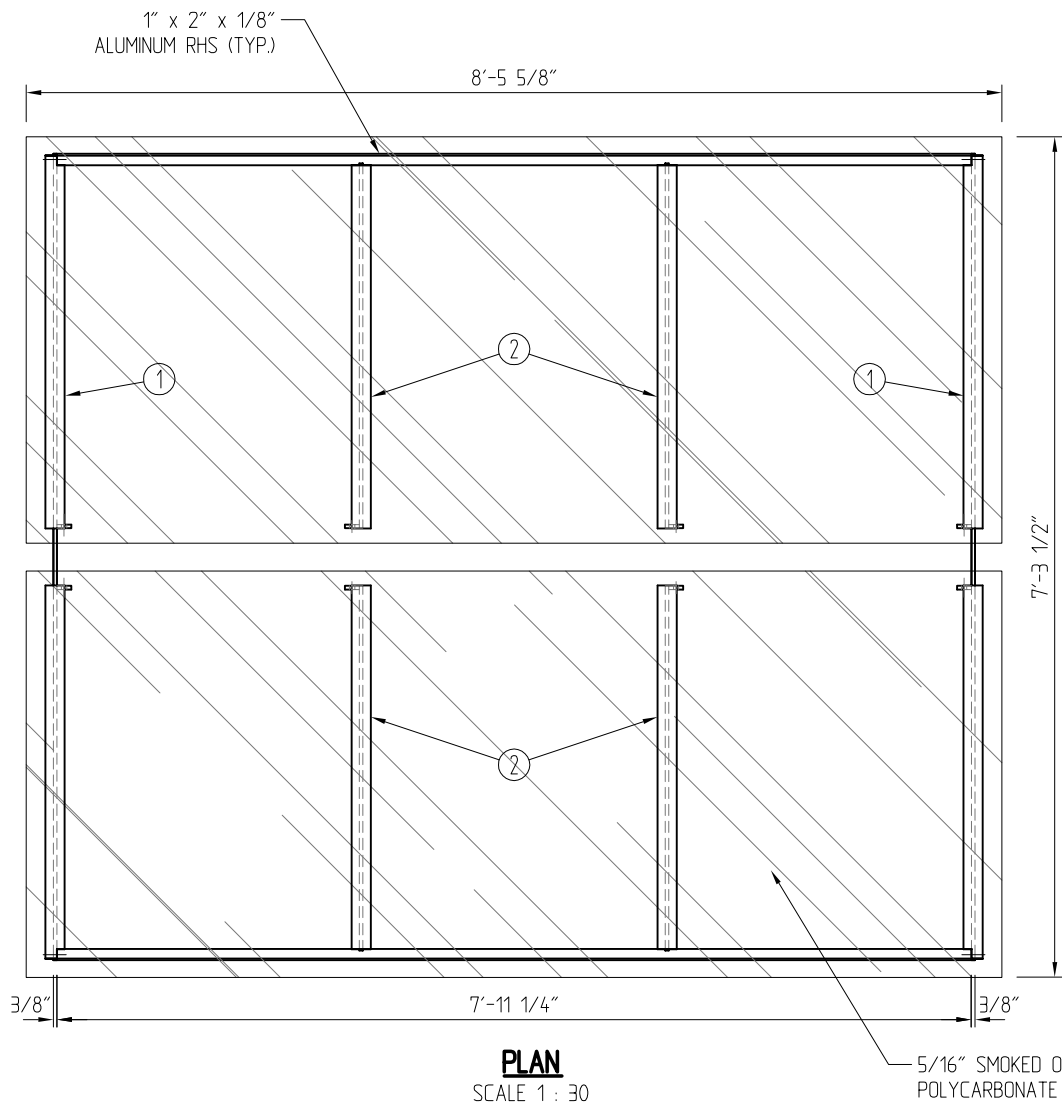
PROJECT NUMBER:
ENGINEER / DESIGNER:
PROJECT MANAGER:
CHECKED BY:

DANA POINT MARINA

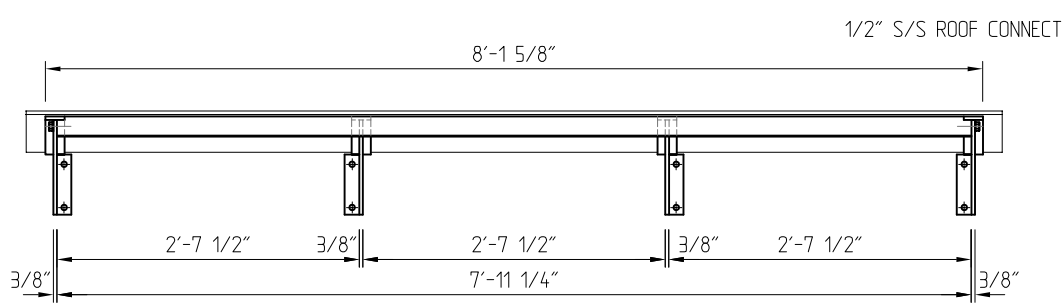
HARBOR DRIVE, DANA POINT CA 92629

E-2 ADA SECURITY GATE - MAIN FRAME

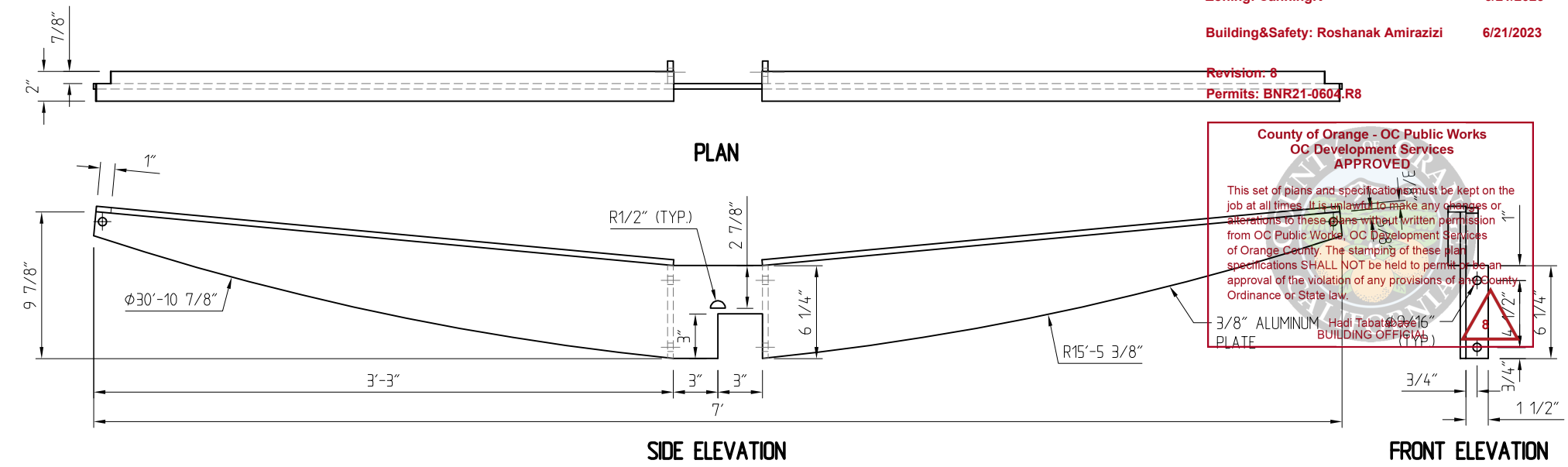
SCALE: AS SHOWN
DRAWN BY: IN
DATE: 05/17/23
DRAWING: 22-P4-SG E2-03
SHEET NO.: 3



PLAN
SCALE 1 : 30



FRONT ELEVATION
SCALE 1 : 30



ITEM 1
(1 OFF AS SHOWN 1 OFF OPPOSITE HAND)
SCALE 1 : 10

County of Orange - OC Public Works
 OC Development Services
APPROVED

This set of plans and specifications must be kept on the job at all times. It is unlawful to make any changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plans and specifications SHALL NOT be held to be an approval of the violation of any provisions of any County Ordinance or State law.

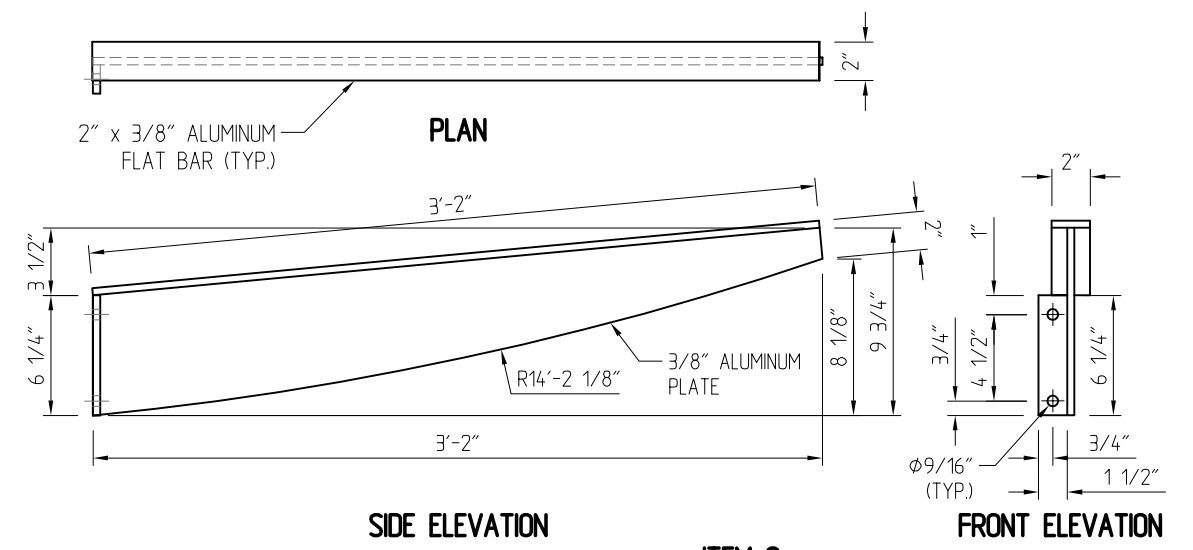
Hadi Tabatabaee
 BUILDING OFFICIAL

05/18/2023

BELLINGHAM MARINE INDUSTRIES, INC.
 NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER: _____

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. ENGINEERING, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.

Craig Funston P.E., S.E.
 05/22/2023



ITEM 2
(2 OFF AS SHOWN 2 OFF OPPOSITE HAND)
SCALE 1 : 10

NO.	DATE	DESCRIPTION	BY
REVISIONS			



THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC., UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

PROJECT NUMBER:
 ENGINEER / DESIGNER:
 PROJECT MANAGER:
 CHECKED BY:

DANA POINT MARINA
 HARBOR DRIVE, DANA POINT CA 92629
E-2 ADA SECURITY GATE - ROOF DETAILS

SCALE: AS SHOWN
 DRAWN BY: IN
 DATE: 05/17/23
 DRAWING: 22-P4-SG E2-04
 SHEET NO.: 4

County of Orange - OC Public Works
 OC Development Services
 APPROVED

This set of plans and specifications must be kept on the job at all times. It is unlawful to make any changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plan specifications SHALL NOT be held to permit or be an approval of the violation of any provisions of any County Ordinance or State law.

Hadi Tabatabaee
 BUILDING OFFICIAL



BELLINGHAM MARINE INDUSTRIES, INC.

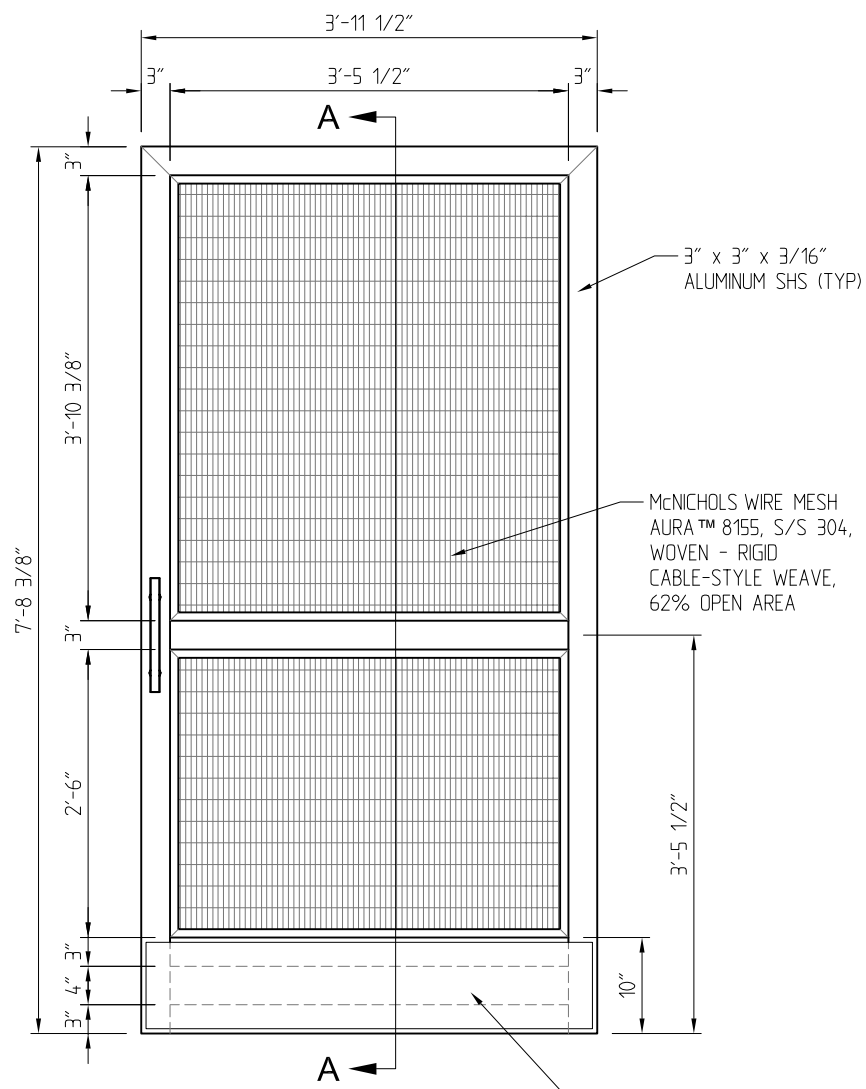
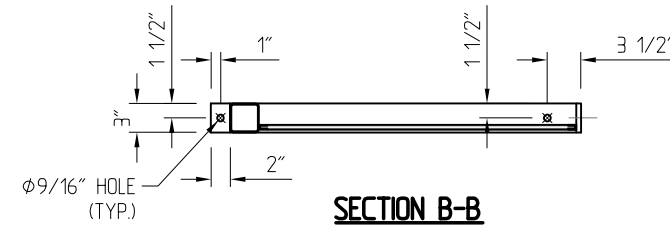
NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER: _____

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE.
 ENGINEERING: FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.
 Craig Funston P.E., S.E.

05/22/2023

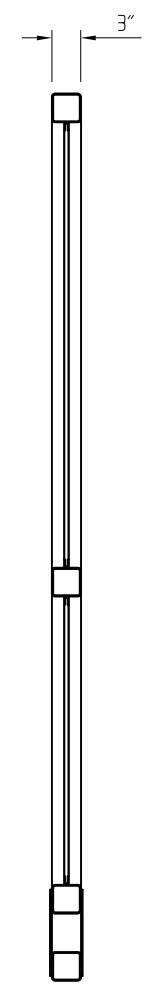


05/18/2023

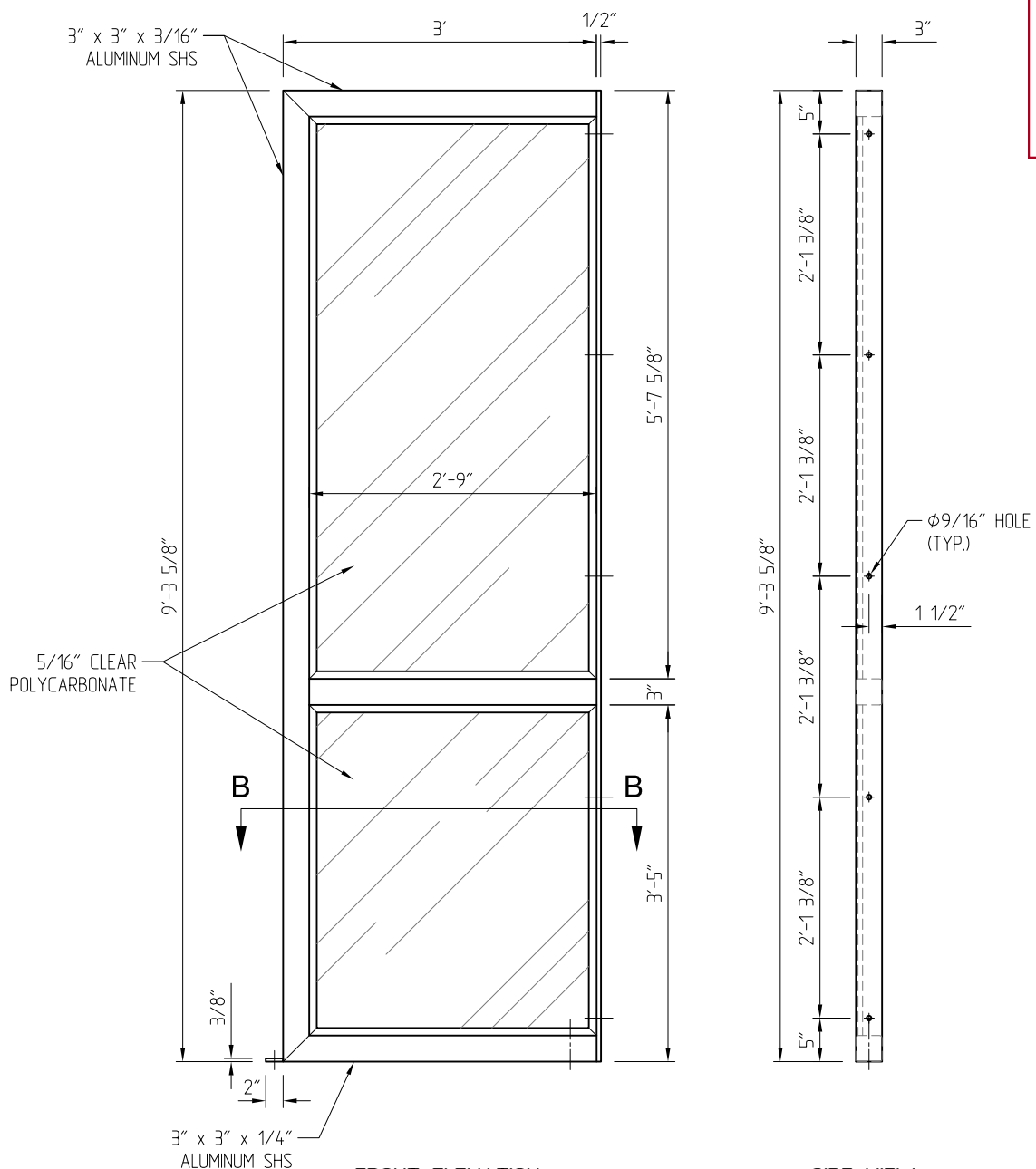


FRONT ELEVATION

DOOR
 SCALE 1 : 20



SECTION A-A



FRONT ELEVATION

SIDE VIEW

PANEL C1
 (PANEL C1A SIMILAR BUT MIRRORED)
 SCALE 1 : 20

NO.	DATE	DESCRIPTION	BY
REVISIONS			

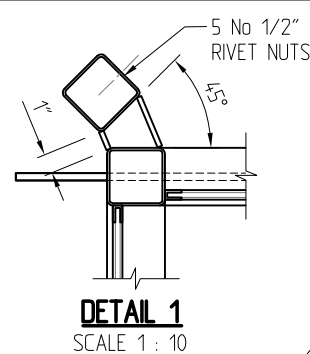
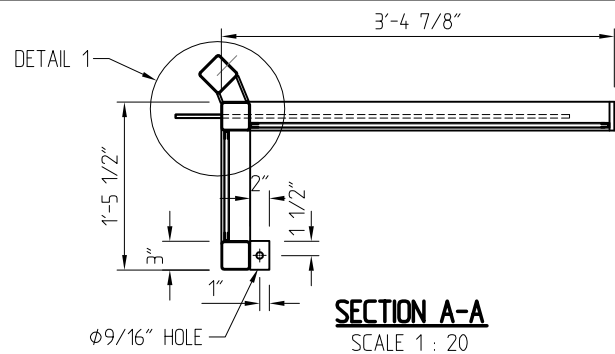


THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC. UNIFLOAT®, UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

PROJECT NUMBER:
 ENGINEER / DESIGNER:
 PROJECT MANAGER:
 CHECKED BY:

DANA POINT MARINA
 HARBOR DRIVE, DANA POINT CA 92629
E-2 ADA SECURITY GATE - DOOR LEAF & PANELS

SCALE: AS SHOWN
 DRAWN BY: IN
 DATE: 05/17/23
 DRAWING: 22-P4-SG E2-05
 SHEET NO.: 5



BELLINGHAM MARINE INDUSTRIES, INC.

NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER: _____

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. ENGINEERING, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.

Craig Funston P.E., S.E.

05/22/2023

Zoning: CanningK
 Building&Safety: Roshanak Amirazi
 Permits: BNR21-0604.R8

6/21/2023
 6/21/2023



05/18/2023

County of Orange - OC Public Works
 OC Development Services
SECTION B-48 APPROVED

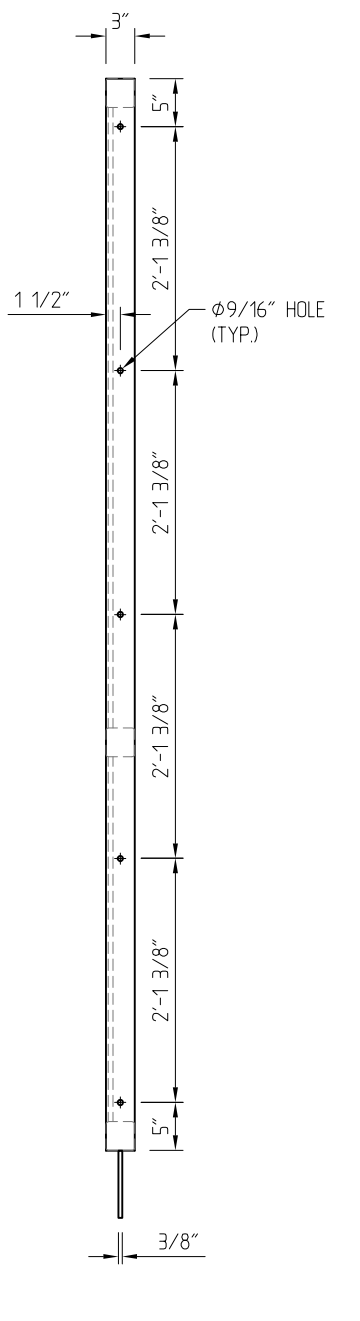
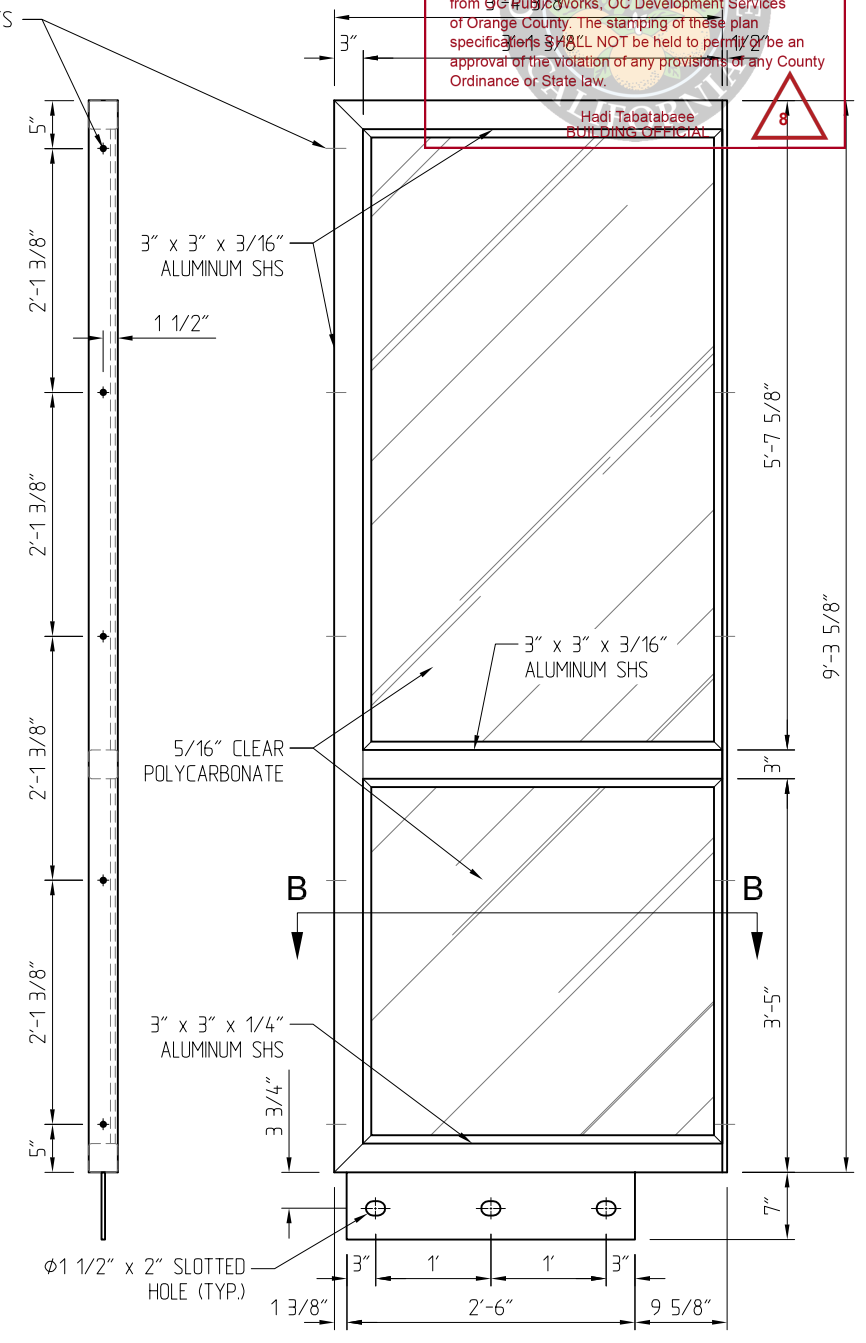
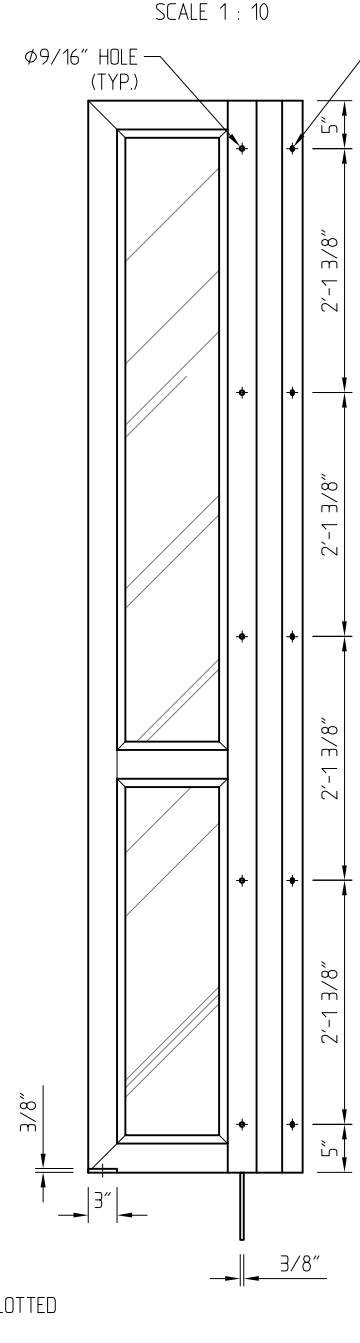
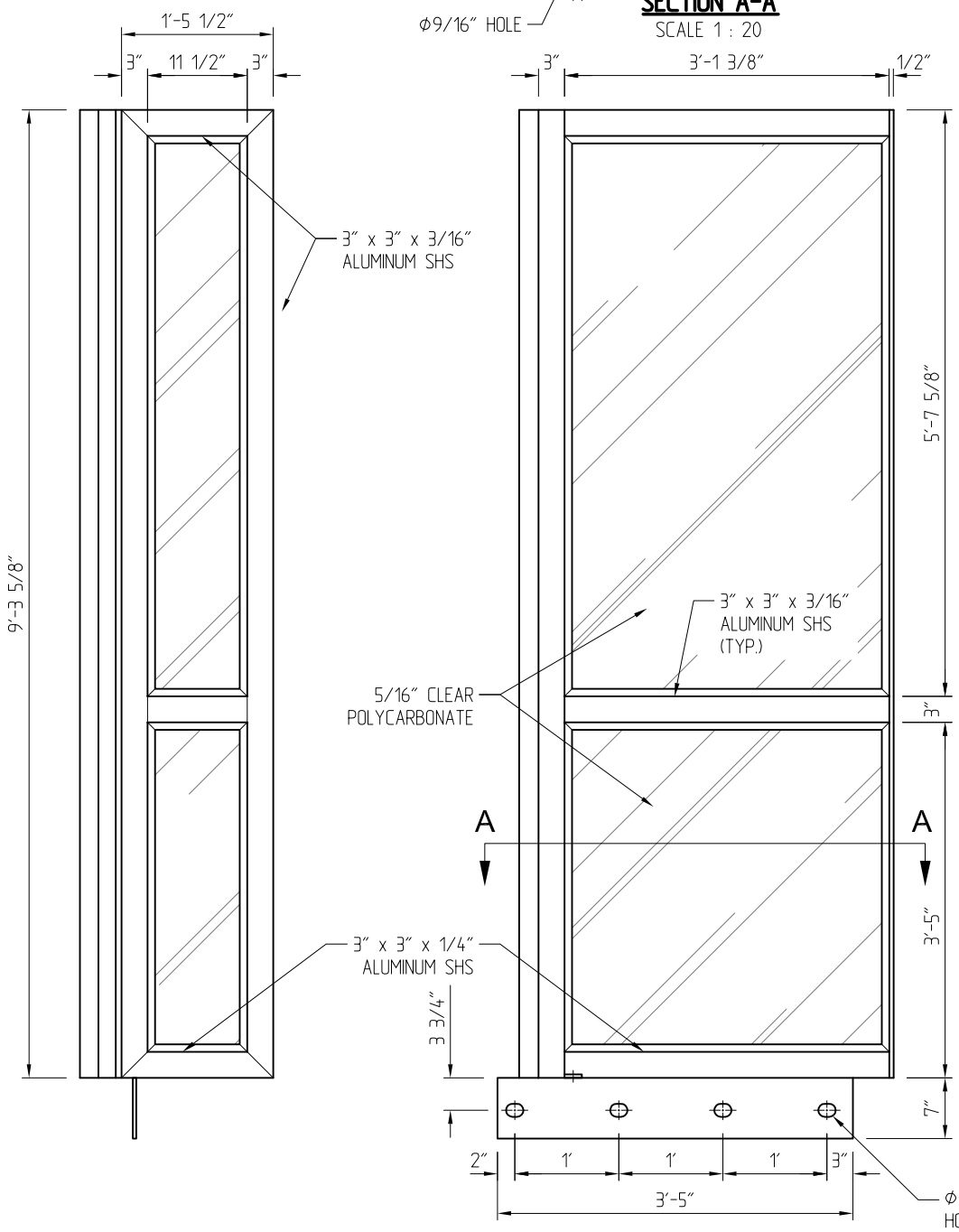
This Seal, Plans, and Specifications must be kept on the job at all times. It is unlawful to make any changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plan specifications shall NOT be held to permit or be an approval of the violation of any provisions of any County Ordinance or State law.

Hadi Tabatabaee
 Civil Engineer

SECTION A-A
 SCALE 1 : 20

DETAIL 1
 SCALE 1 : 10

SECTION B-48



SIDE VIEW

**FRONT ELEVATION
 PANEL A1**
 SCALE 1 : 20

SIDE VIEW

SIDE VIEW

**FRONT ELEVATION
 PANEL A2**
 SCALE 1 : 20

SIDE VIEW

NO.	DATE	DESCRIPTION	BY
A	5/18/23	STUB PLATE MOVED	
REVISIONS			



THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC. UNIFLOAT®, UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

PROJECT NUMBER:
 ENGINEER / DESIGNER:
 PROJECT MANAGER:
 CHECKED BY:

DANA POINT MARINA
 HARBOR DRIVE, DANA POINT CA 92629
E-2 ADA SECURITY GATE - SIDE PANELS

SCALE: AS SHOWN
 DRAWN BY: IN
 DATE: 05/17/23
 DRAWING: 22-P4-SG E2-06
 SHEET NO.: 6



County of Orange - OC Public Works
OC Development Services
APPROVED

SECTION B-B

This set of plans and specifications must be kept on the job at all times. It is unlawful to make any changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plan specifications SHALL NOT be held to permit or be an approval of the violation of any provisions of any County Ordinance or State law.

Hadi Tabatabaee
BUILDING OFFICIAL

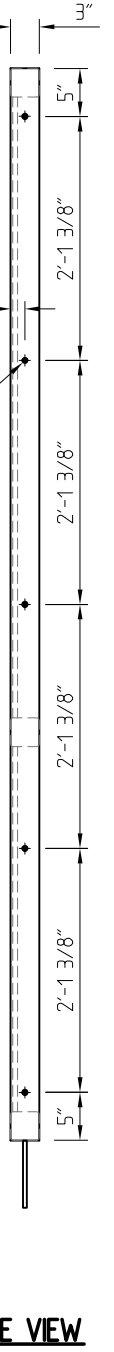
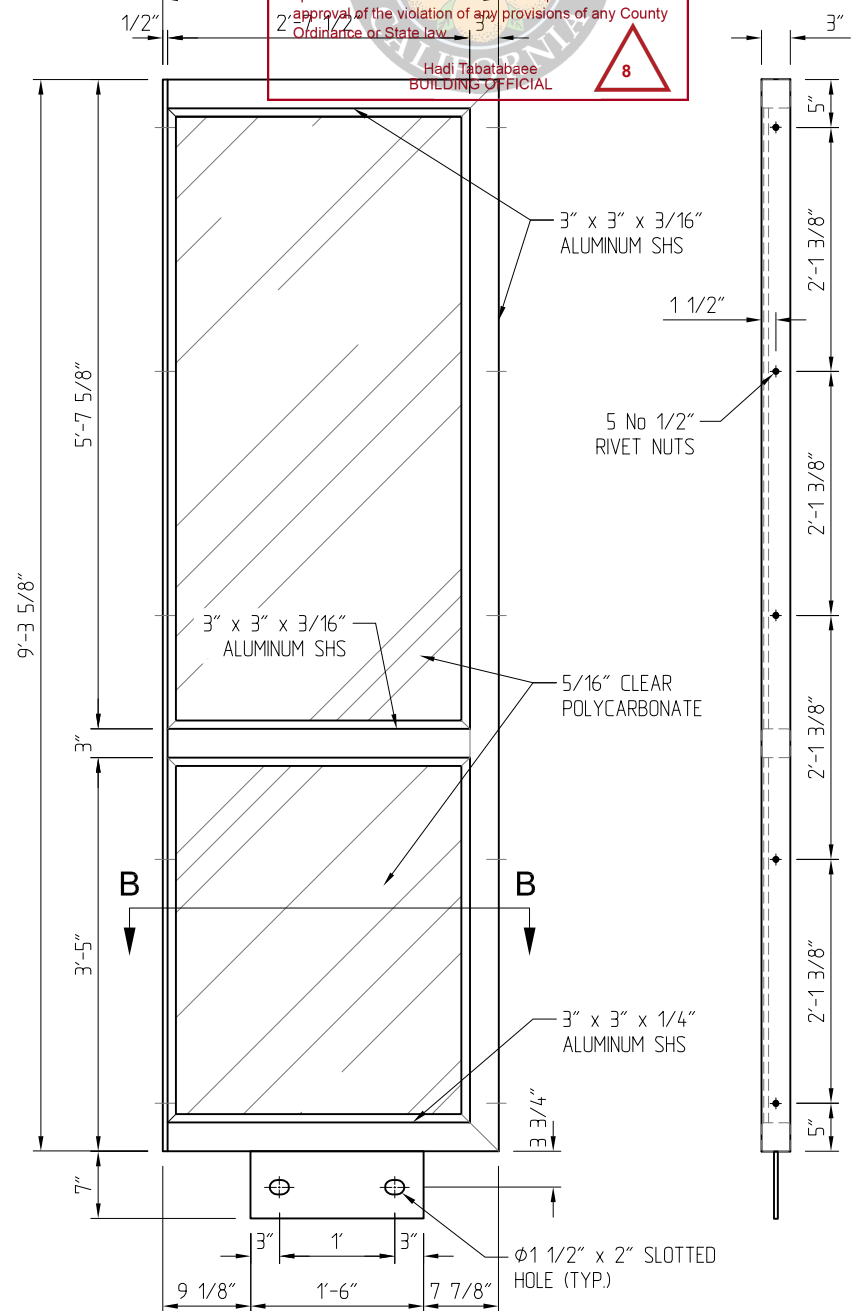
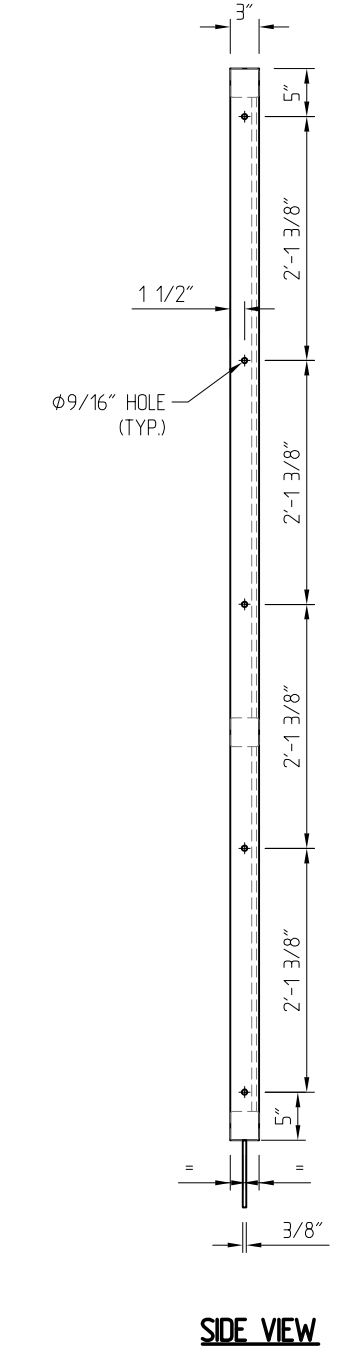
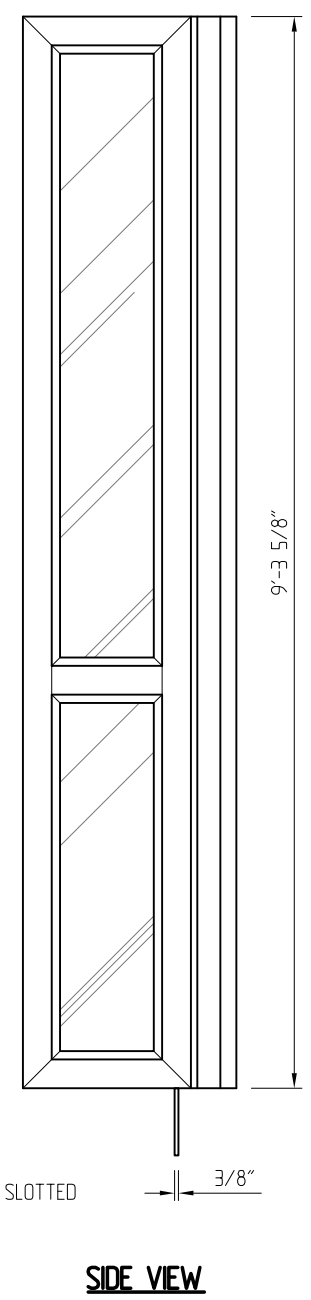
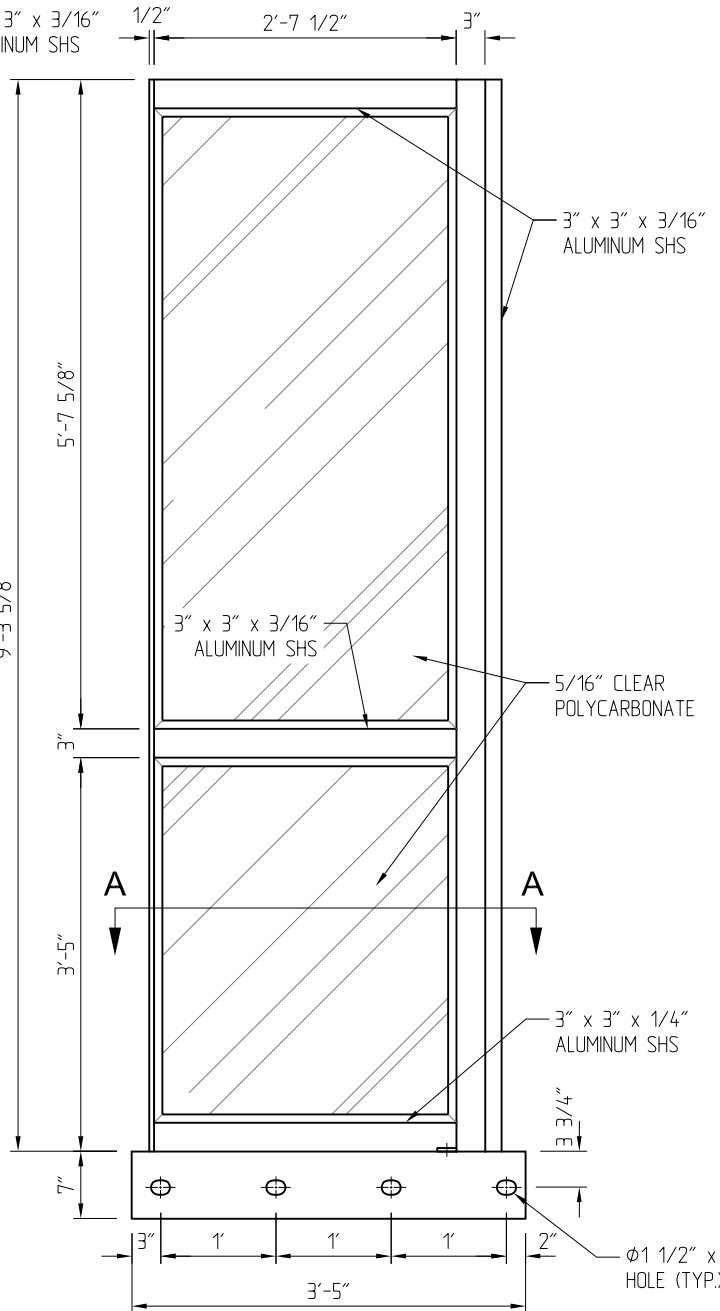
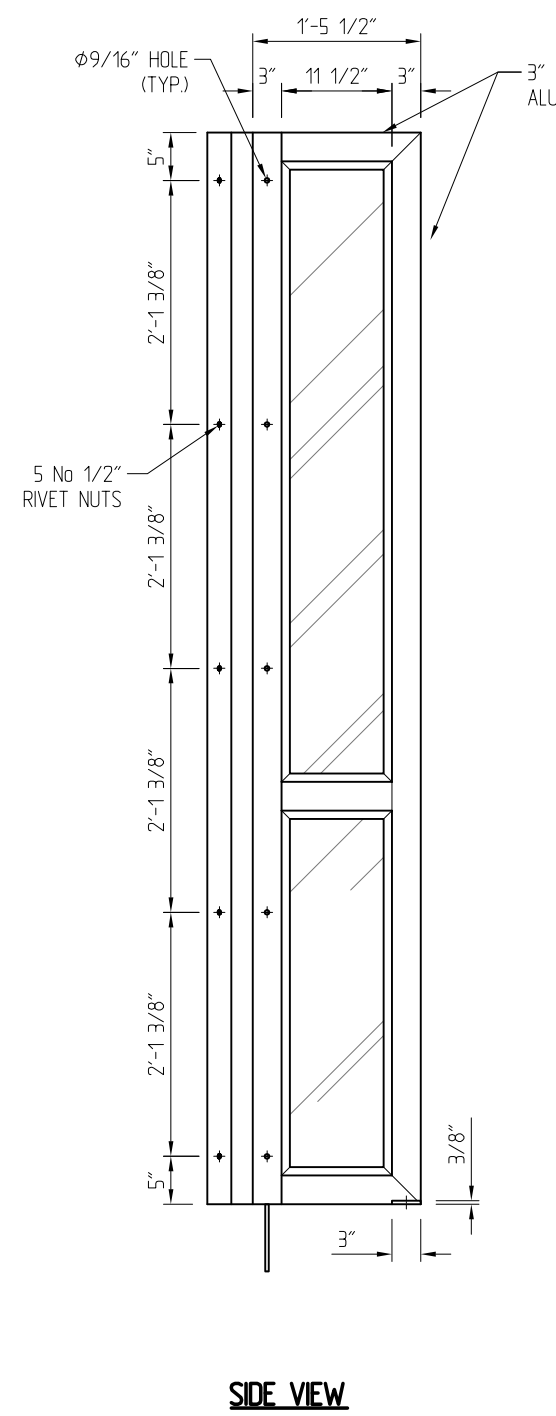
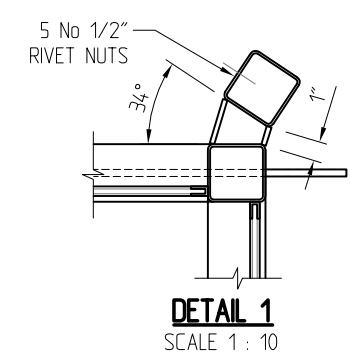
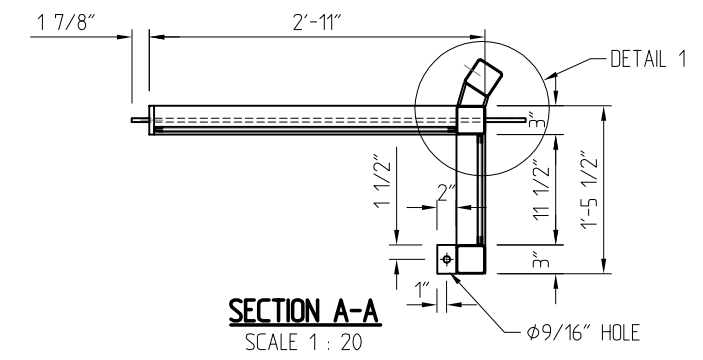
BELLINGHAM MARINE INDUSTRIES, INC.

NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER:

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. ENGINEERING, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.

Craig Funston P.E., S.E.

05/22/2023



05/18/2023

SIDE VIEW

FRONT ELEVATION
PANEL B1
SCALE 1:20

SIDE VIEW

SIDE VIEW

FRONT ELEVATION
PANEL B2
SCALE 1:20

SIDE VIEW

NO.	DATE	DESCRIPTION	BY
A	5/18/23	STUB PLATE MOVED	
REVISIONS			



THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC. UNIFLOAT®, UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

PROJECT NUMBER:
ENGINEER / DESIGNER:
PROJECT MANAGER:
CHECKED BY:

DANA POINT MARINA
HARBOR DRIVE, DANA POINT CA 92629
E-2 ADA SECURITY GATE - SIDE PANELS

SCALE: AS SHOWN
DRAWN BY: IN
DATE: 05/17/23
DRAWING: 22-P4-SG E2-07
SHEET NO.: 7

County of Orange - OC Public Works
OC Development Services
APPROVED

This set of plans and specifications must be kept on the job at all times. It is unlawful to make any changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plan specifications SHALL NOT be held to permit or be an approval of the violation of any provisions of any County Ordinance or State law.

Hadi Tabatabaee
BUILDING OFFICIAL



05/18/2023

BELLINGHAM MARINE INDUSTRIES, INC.

NO EXCEPTIONS TAKEN
 REVISE AND RESUBMIT (RAR)
 OTHER: _____

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. ENGINEERING, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.

Craig Funston P.E., S.E.

05/22/2023

NO.	DATE	DESCRIPTION	BY
A	5/18/23	STUB PLATE MOVED	
REVISIONS			

Bellingham MARINE

THE WORLD'S MOST COMPREHENSIVE MARINA BUILDER

THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF BELLINGHAM MARINE INDUSTRIES, INC., AND SHALL NOT BE COPIED, REPRODUCED OR MADE AVAILABLE TO THIRD PARTIES WITHOUT PRIOR WRITTEN PERMISSION FROM BELLINGHAM MARINE INDUSTRIES, INC. UNIFLOAT®, UNIDECK® AND © BELLINGHAM MARINE INDUSTRIES, INC.

PROJECT NUMBER:
ENGINEER / DESIGNER:
PROJECT MANAGER:
CHECKED BY:

DANA POINT MARINA

HARBOR DRIVE, DANA POINT CA 92629

E-2 ADA SECURITY GATE - EXPLODED VIEW

SCALE: AS SHOWN
DRAWN BY: IN
DATE: 05/17/23
DRAWING: 22-P4-SG E2-08
SHEET NO.: 8

Revision: 8

Permits: BNR21-0604.R8



Special Inspection Program and Designation of Special Inspectors

County of Orange - OC Public Works
OC Development Services
APPROVED

This set of plans and specifications shall be held to the same standard as if they were made by the County of Orange. No changes or alterations to these plans without written permission from OC Public Works, OC Development Services of Orange County. The stamping of these plan specifications SHALL NOT be held to permit or be an approval of the violation of any provisions of any County Ordinance or State Law.

Hadl Tabatabaee
BUILDING OFFICIAL

8

SPECIAL INSPECTIONS (Only checked items are required)

INSPECTION ITEMS	SPECIAL INSPECTORS(S) NAME, PHONE NUMBER, REGISTRATION #
<input type="checkbox"/> Concrete (Design Mix, Form Work, Placement, etc., per table 1705.3)	Kossuth "Eddie" Cox (714) 376-3462 #2077
<input type="checkbox"/> Erection of Pre-Cast Concrete Members	Norm Biehn (951) 836-5788 #2068
<input checked="" type="checkbox"/> Bolts Installed in Concrete	Jonathan Basilla (949) 633-5636 #2199
<input type="checkbox"/> Reinforcing Steel and Pre-Stressing Steel Tendons	Jacques Brosseau (949) 633-0616 #2138
<input checked="" type="checkbox"/> Structural Welding/Rebar Welding	Rcyce Gould (949) 289-3136 #2034
<input type="checkbox"/> High-Strength Bolting/Material Verification	Russ Price (949) 289-5785 #2035
<input type="checkbox"/> Steel Frame Joint Details	Jcsh Cuda (949) 246-3369 #2188
<input type="checkbox"/> All Masonry Construction	Frank Williams (562) 547-4564 #2247
<input type="checkbox"/> Sprayed Fire-Resistive Materials	Jade Sill (949) 485-0760 #2021
<input type="checkbox"/> Shotcrete (Curing Temperature, Design Mix, Placement, Strength etc. per table 1705.3)	John Strauss (714) 620-5235 #4669
<input type="checkbox"/> Soils (Excavation, Fill, etc. per table 1705.6)	
<input type="checkbox"/> Smoke-Control System	Jim Schmitz (925) 784-6117 #0472
<input type="checkbox"/> Driven Piles per Table 1705.7	
<input type="checkbox"/> Cast in Place Piles per Table 1705.8	
<input type="checkbox"/> Mastic and Intumescent Fire-Resistant Coatings	
<input type="checkbox"/> Exterior Insulation and Finish Systems (EIFS)	
<input type="checkbox"/> Wood for High-Load Diaphragms	
<input type="checkbox"/> Others	
<input type="checkbox"/> Others	
<input type="checkbox"/> Others	
<input type="checkbox"/> Others	

DECLARATION BY OWNER OR ARCHITECT/ENGINEER OF RECORD:

I, the Owner Engineer or Architect of record, declare that the above listed Special Inspector(s) is/are hired by me.

Joseph Veberroth
Print Name

[Signature]
Signature

5/19/23
Date