

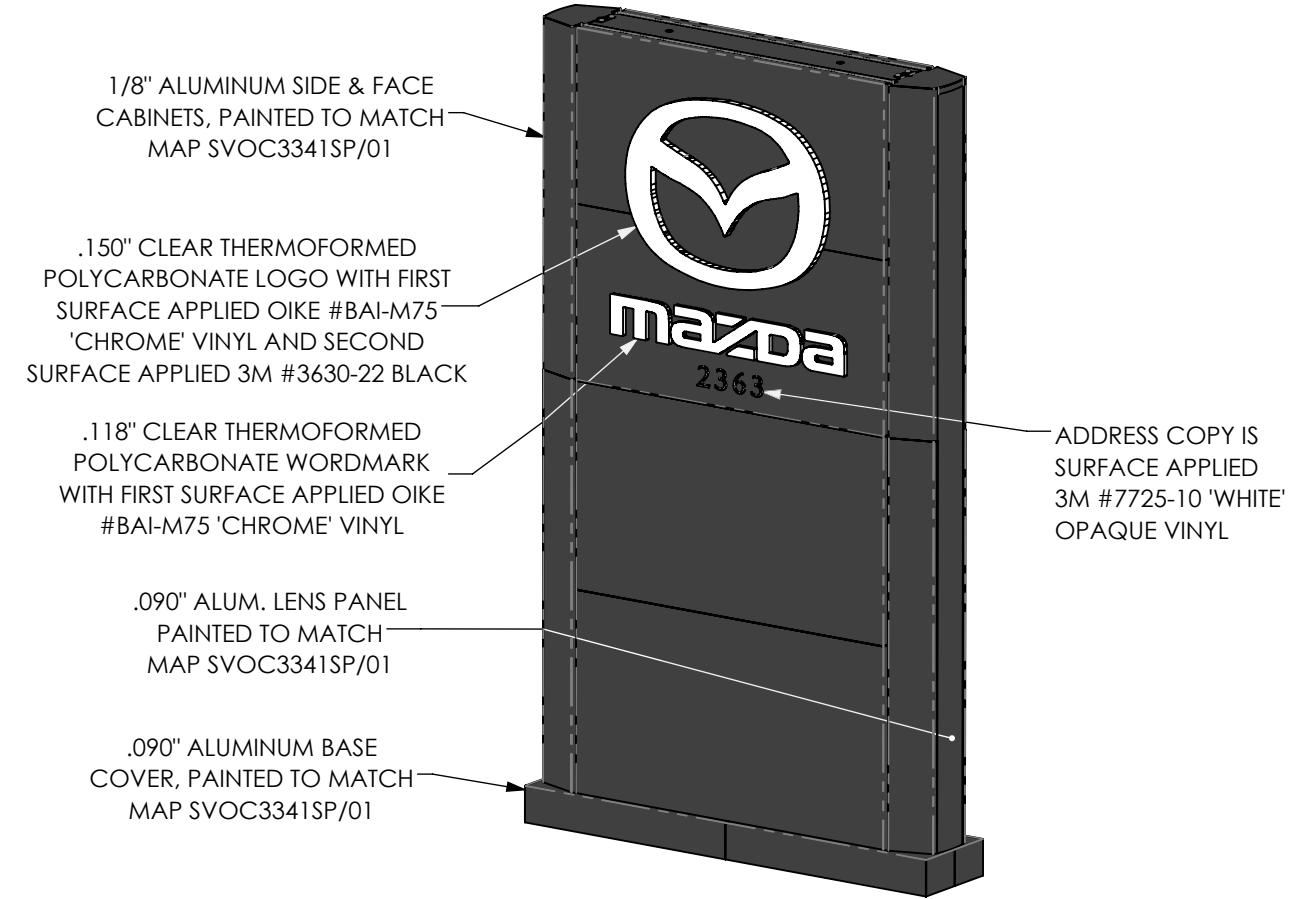
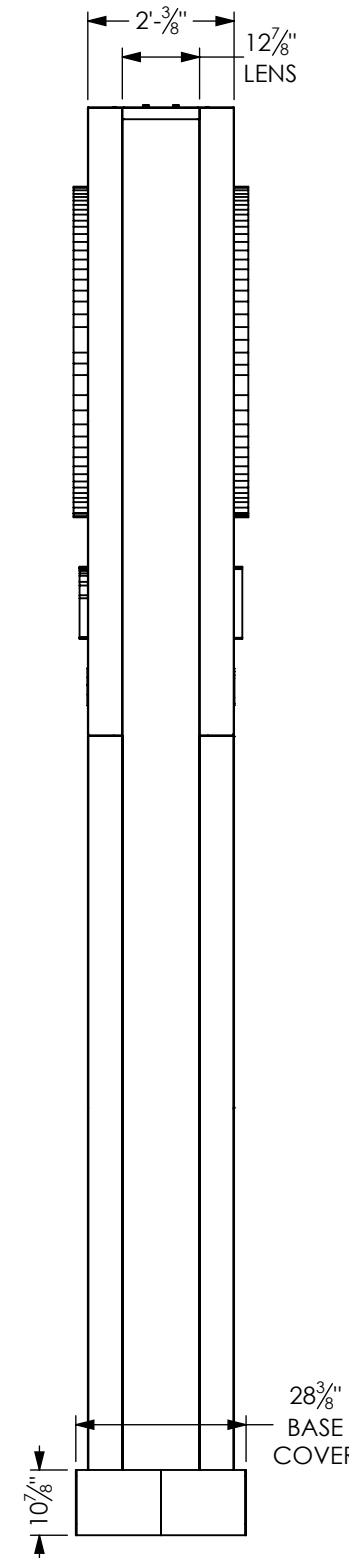
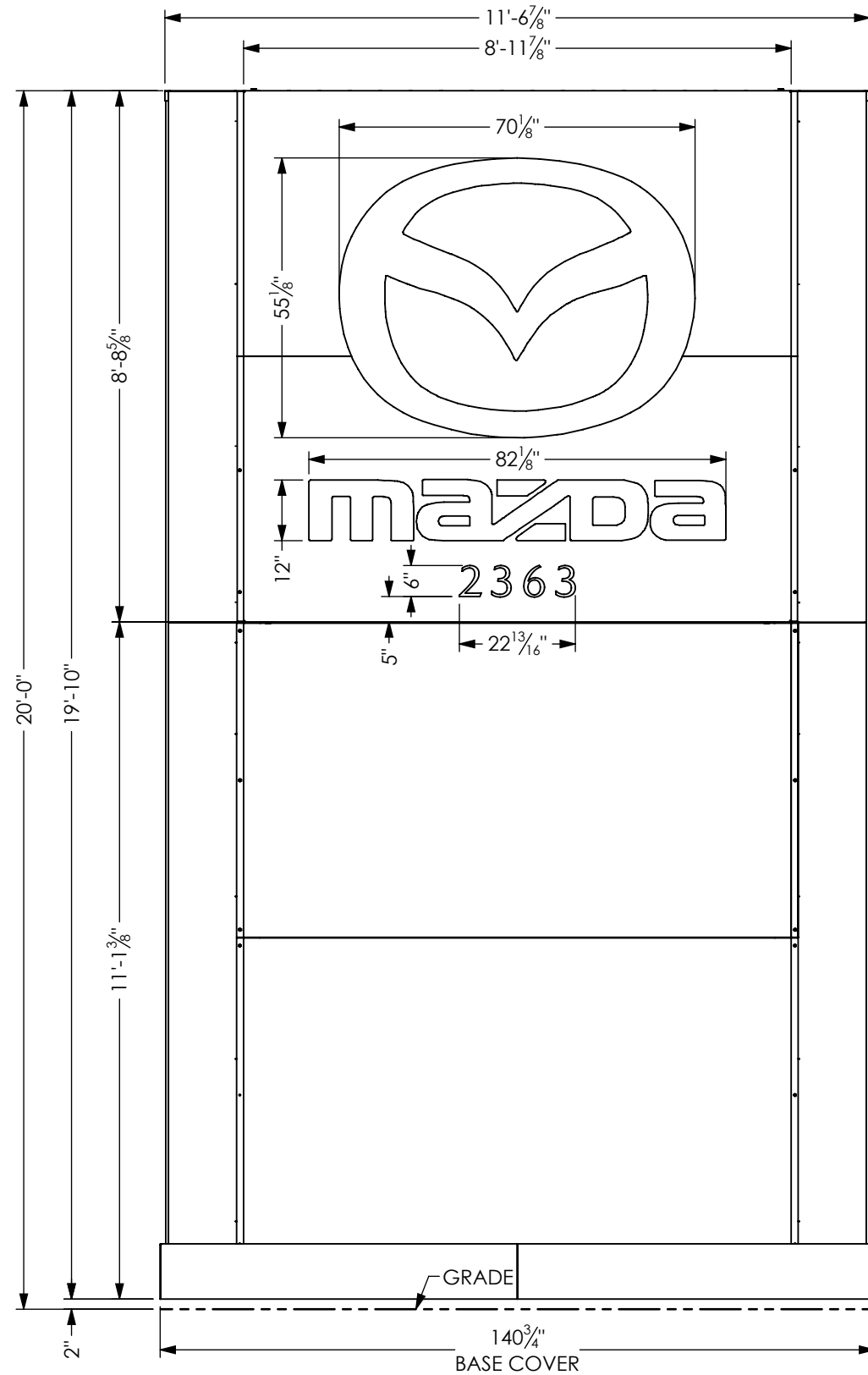
4


3

2

1

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	51531	INITIAL RELEASE	12/20/2021	AP



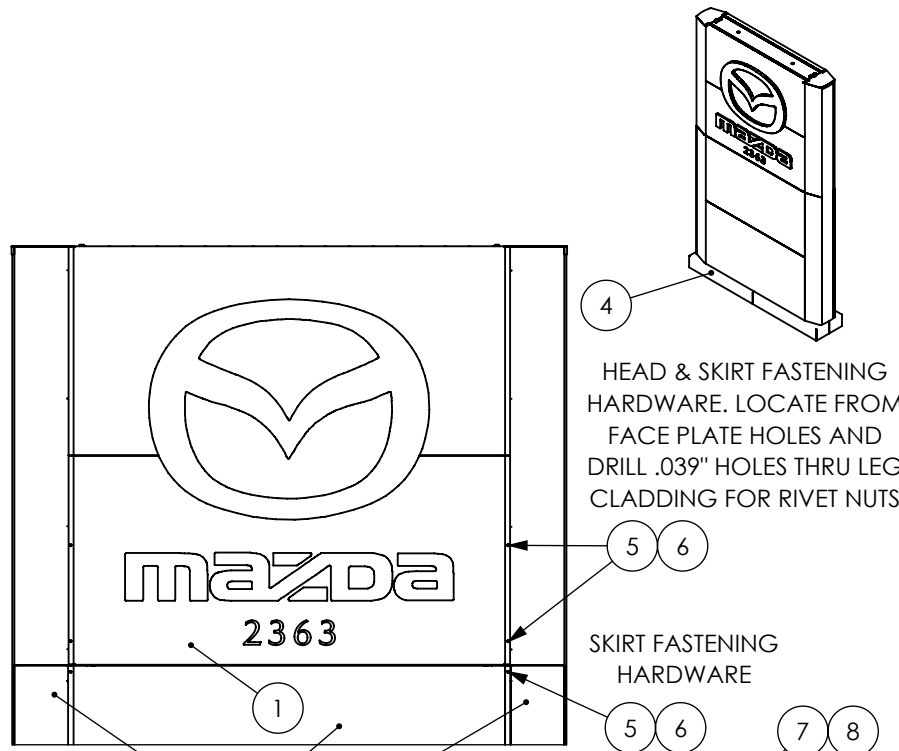
Program/Customer: MAZDA		
Interior/Exterior:	EXTERIOR	
Sign Type:	PYLON	
Engineer:	NICK CARRELL	
Windspeed:	115 MPH IBC 2015	
illumination:	ILLUMINATED	
Voltage:		Description: 20' SKIRTED PYLON Part Number: MAZ-P70-20-115-SKT-EF-001

WEIGHT = 3286 lbs

SCALE: 1:32

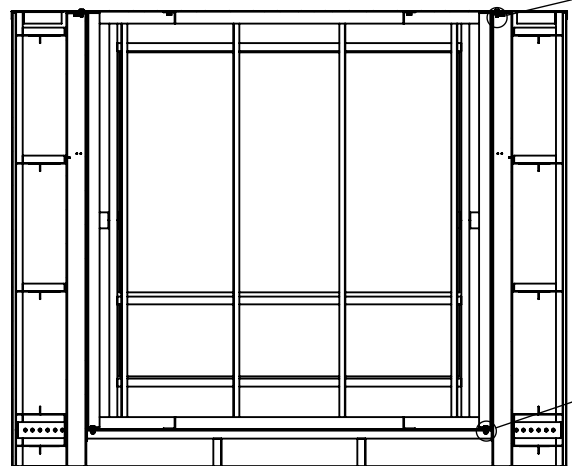
REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	51531	INITIAL RELEASE	12/20/2021	AP

B

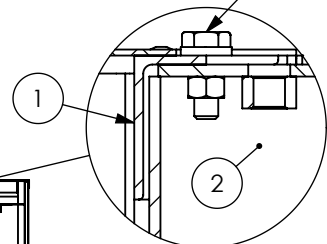


HEAD & SKIRT FASTENING HARDWARE. LOCATE FROM FACE PLATE HOLES AND DRILL .039" HOLES THRU LEG CLADDING FOR RIVET NUTS

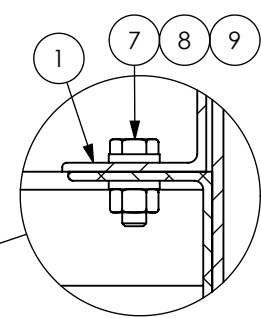
SKIRT FASTENING HARDWARE



CONNECTION DETAIL

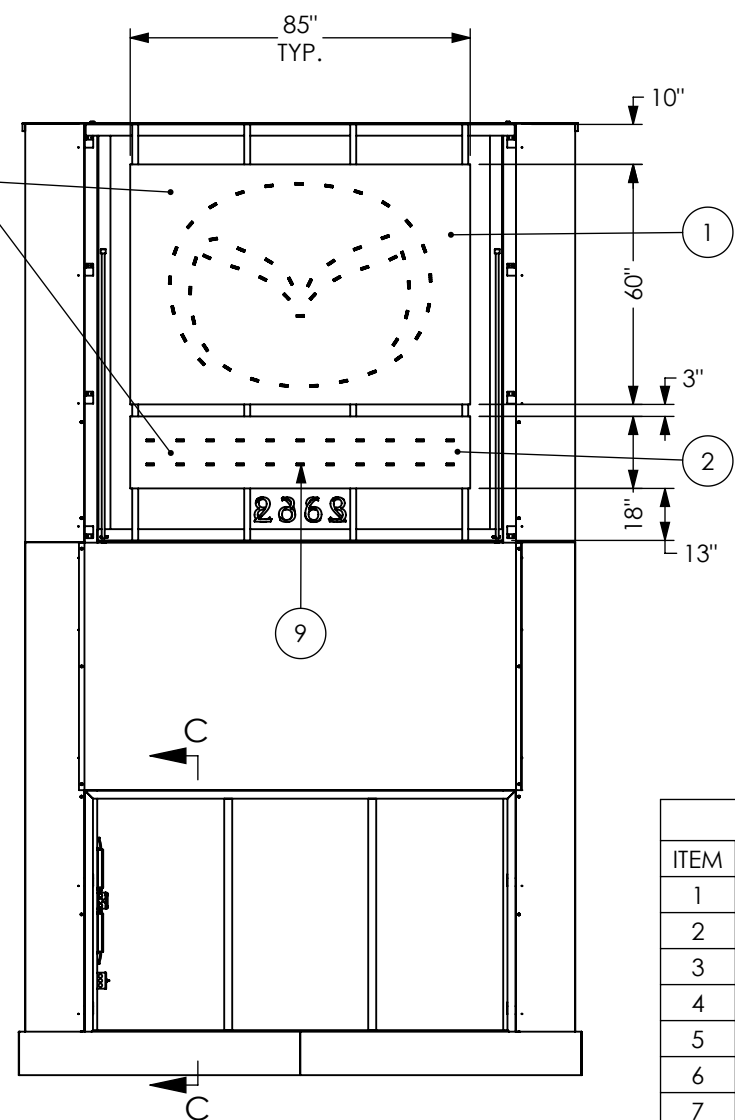


DETAIL A
SCALE 1 : 4

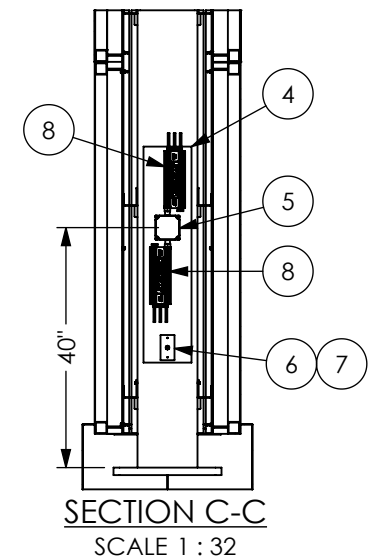


DETAIL B
SCALE 1 : 4

BOM TABLE: MAZ-P70-20-115-SKT-EF-001			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	MAZ-P70-20-115-SKT-HEAD	COMPLETE PYLON HEAD	1
2	MAZ-P70-20-115-SKT-EF-001-UPRIGHT	COMPLETE UPRIGHT	2
3	MAZ-P70-SKT-61	FACE PANEL	4
4	MAZ-S-CAB-BC-SKT-P70	BASE COVER SET	1
5	MCM# 93190A542	1/4-20X1 GD5 FT BOLT-SS	30
6	MCM# 95105A143	1/4" RIVET NUT-ZINC	32
7	FNL# 19502	1/2X1 1/2 A325 BOLT	8
8	FNL# 33172	1/2" F436 FLAT WASHER	12
9	FNL# 38180	1/2-13 A563 HEX NUT	4
10	MAZ-P70-20-115-SKT-EF-001-V-2363	3M OPAQUE WHITE VINYL	2




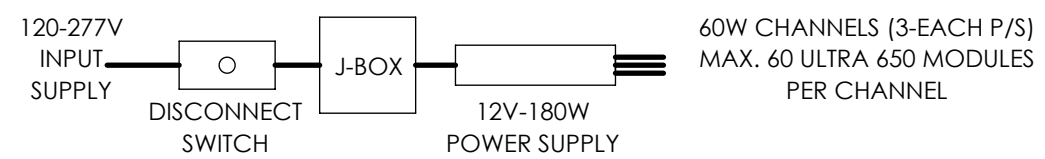
ELECTRICAL DETAIL



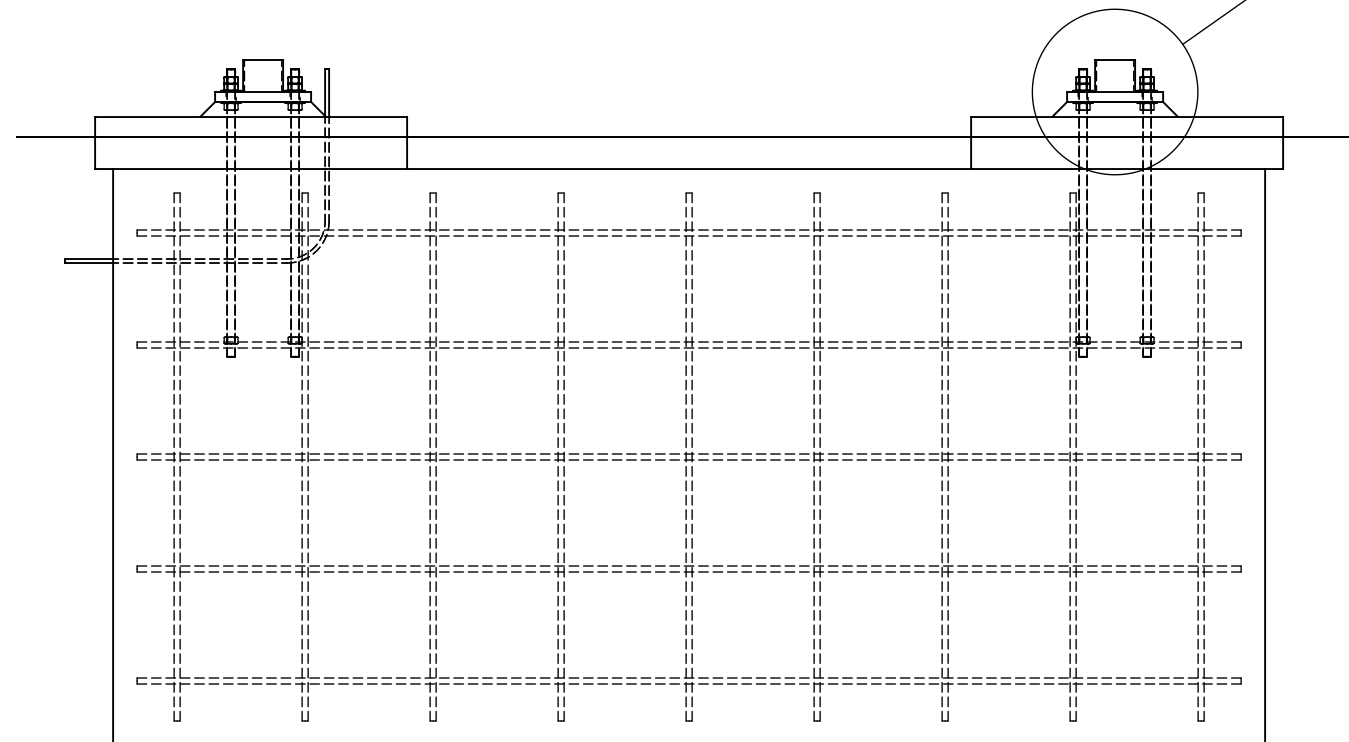
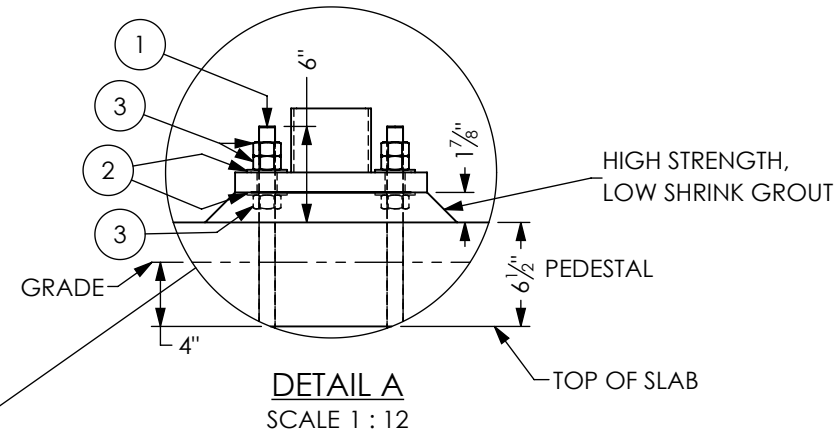
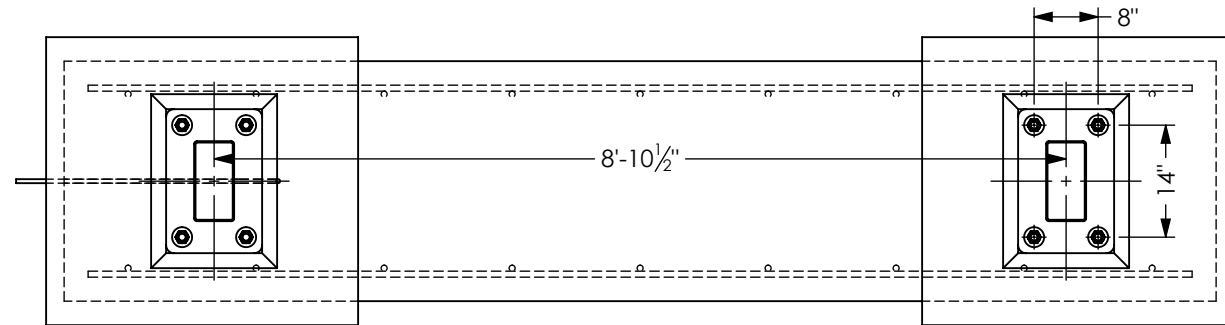
SECTION C-C
SCALE 1 : 32

BOM TABLE: MAZ-P70-20-115-SKT-EF-001			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	MAZ-P70-ELEC-LOGO-LP	LOGO LED PANEL	2
2	MAZ-P70-ELEC-WM-LP	WORDMARK LED PANEL	2
3	MAZ-P70-20-ELEC-SIDE-LP	SIDE LED PANEL	2
4	MAZ-PS2-ELEC PLATE	.063" ALUM. PLATE	1
5	ELEC-J-BOX-4X4	4"X4" OUTLET BOX	1
6	ELEC-J-BOX-2X4	2"X4" OUTLET BOX	1
7	WESTRIM #39139	DISCONNECT SWITCH	1
8	PS12-180W-120-277V	AGILIGHT POWER SUPPLY	2
9	LS-U650-65K-B200-A	AGILIGHT LED	144
16	MAZ-P70-20-115-SKT-EF-001-V-2363	3M OPAQUE WHITE VINYL	2

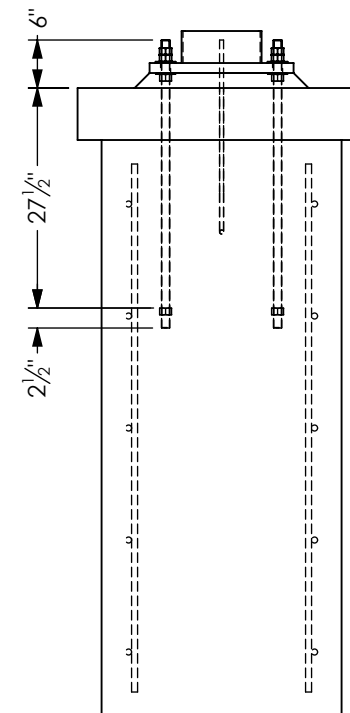
Program/Customer: MAZDA		 Description: 20' SKIRTED PYLON Part Number: MAZ-P70-20-115-SKT-EF-001
Interior/Exterior:	EXTERIOR	
Sign Type:	PYLON	
Engineer:	NICK CARRELL	
Windspeed:	115 MPH IBC 2015	
Illumination:	ILLUMINATED	
Voltage:	SCALE: 1:48	



REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE	03/10/2021	AP
2-A1	B	46038	RBA SPEC CHANGES TO VERTICAL SLAB	03/17/2021	AP



FRONT ELEVATION
ALL SLABS SYMETRIC
(VERTICAL SLAB DISPLAYED)

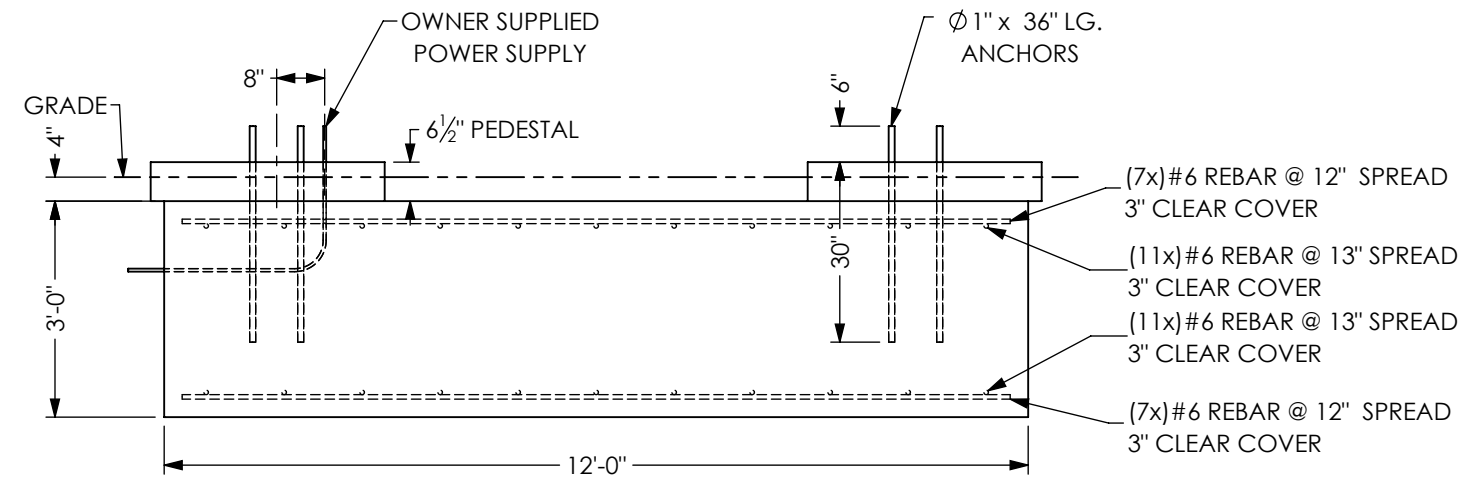
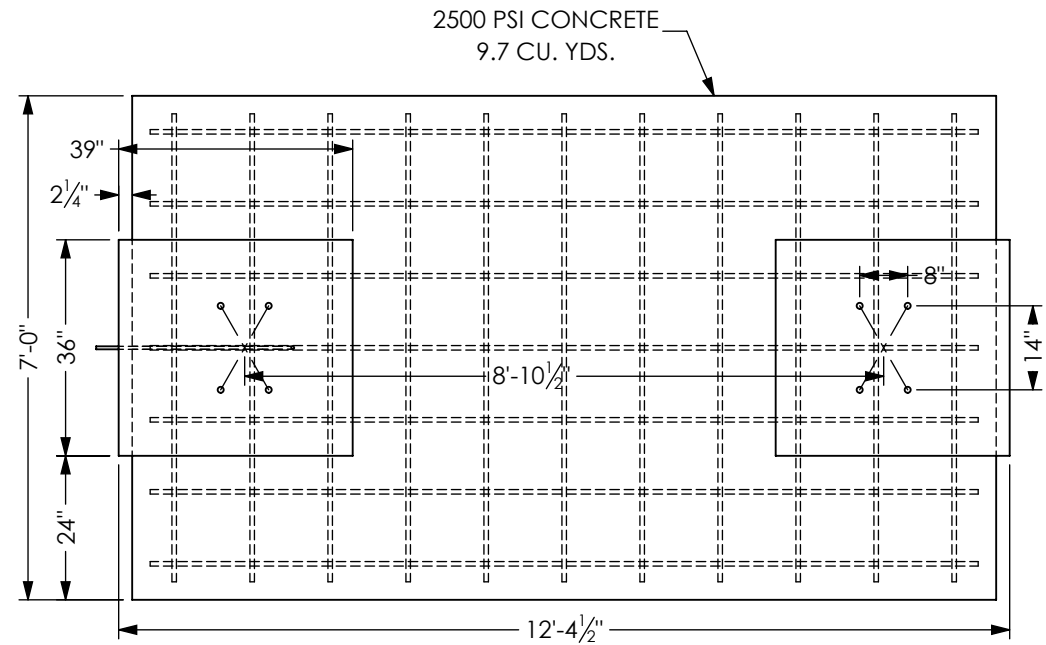


***** NOTE *****
ALL STEEL BELOW GRADE (INCLUDING EXPOSED ANCHOR BOLTS) SHALL BE COATED WITH CARBOLINE BITUMASTIC 50 COAL TAR OR EQUAL, AFTER INSTALLATION, AND PRIOR TO LANDSCAPING. PEDESTAL IS TO BE POURED IN A SINGLE POUR WITH THE REST OF THE FOUNDATION.

BOM TABLE: MAZ-P70-20-115-SKT-FDN			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	47609	1"X36" GALVANIZED ANCHOR	8
2	33188	1" GALVANIZED WASHER	16
3	36719	1" HEX NUT - GALV.	32
Program/Customer:		MAZDA	
Interior/Exterior:	EXTERIOR		
Sign Type:	PYLON		
Engineer:	NICK CARRELL		
Windspeed:	115 MPH IBC 2015		
illumination:			
Voltage:			
		SCALE: 1:24	
		AGI FOUNDATIONS	
		MAZ-P70-20-115-SKT-FDN	

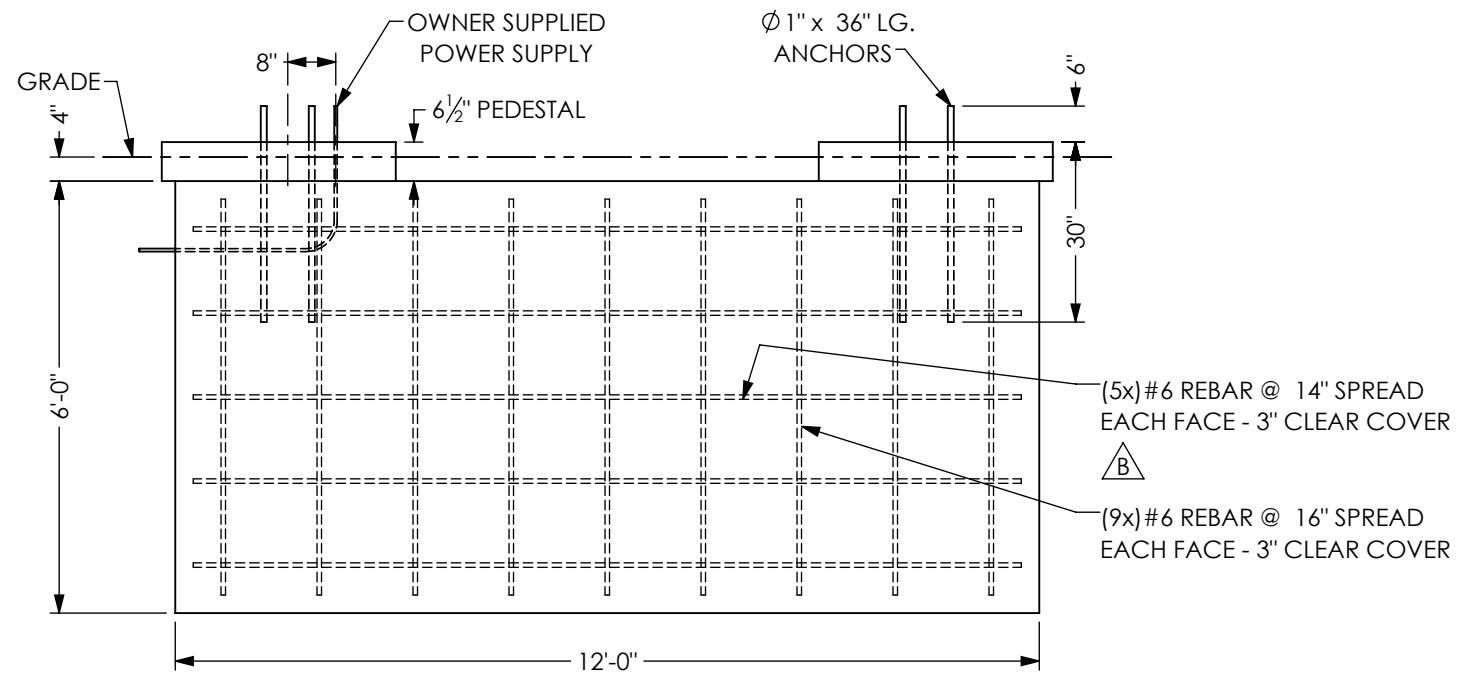
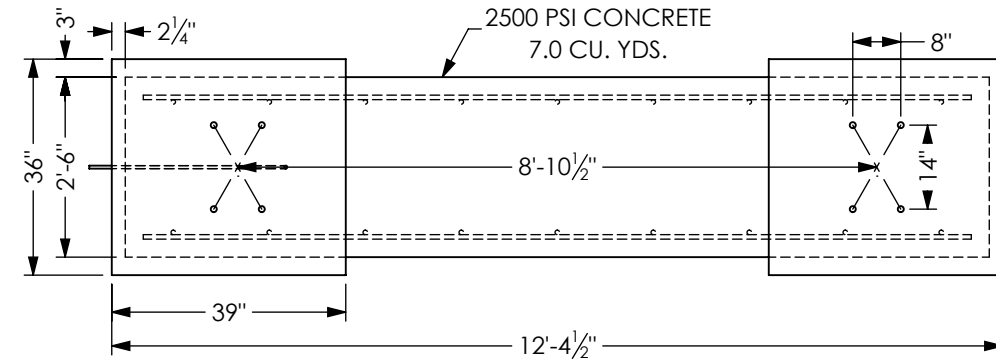


REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE	03/10/2021	AP
A1	B	46038	RBA SPEC CHANGES TO VERTICAL SLAB	03/17/2021	AP




SPREAD FOUNDATION
FRONT ELEVATION

***** NOTE *****
 ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF
 ALLOWABLE LATERAL SOIL PRESSURE = 150 PSF/FT
 PEDESTAL IS TO BE POURED IN A SINGLE POUR WITH THE REST OF THE FOUNDATION.



VERTICAL SLAB FOUNDATION
FRONT ELEVATION

Program/Customer:		MAZDA	
Interior/Exterior:	EXTERIOR		
Sign Type:	PYLON		
Engineer:	NICK CARRELL		
Windspeed:	115 MPH IBC 2015		
illumination:		Description: AGI FOUNDATIONS	
Voltage:		Part Number: MAZ-P70-20-115-SKT-FDN	
		SCALE: 1:32	

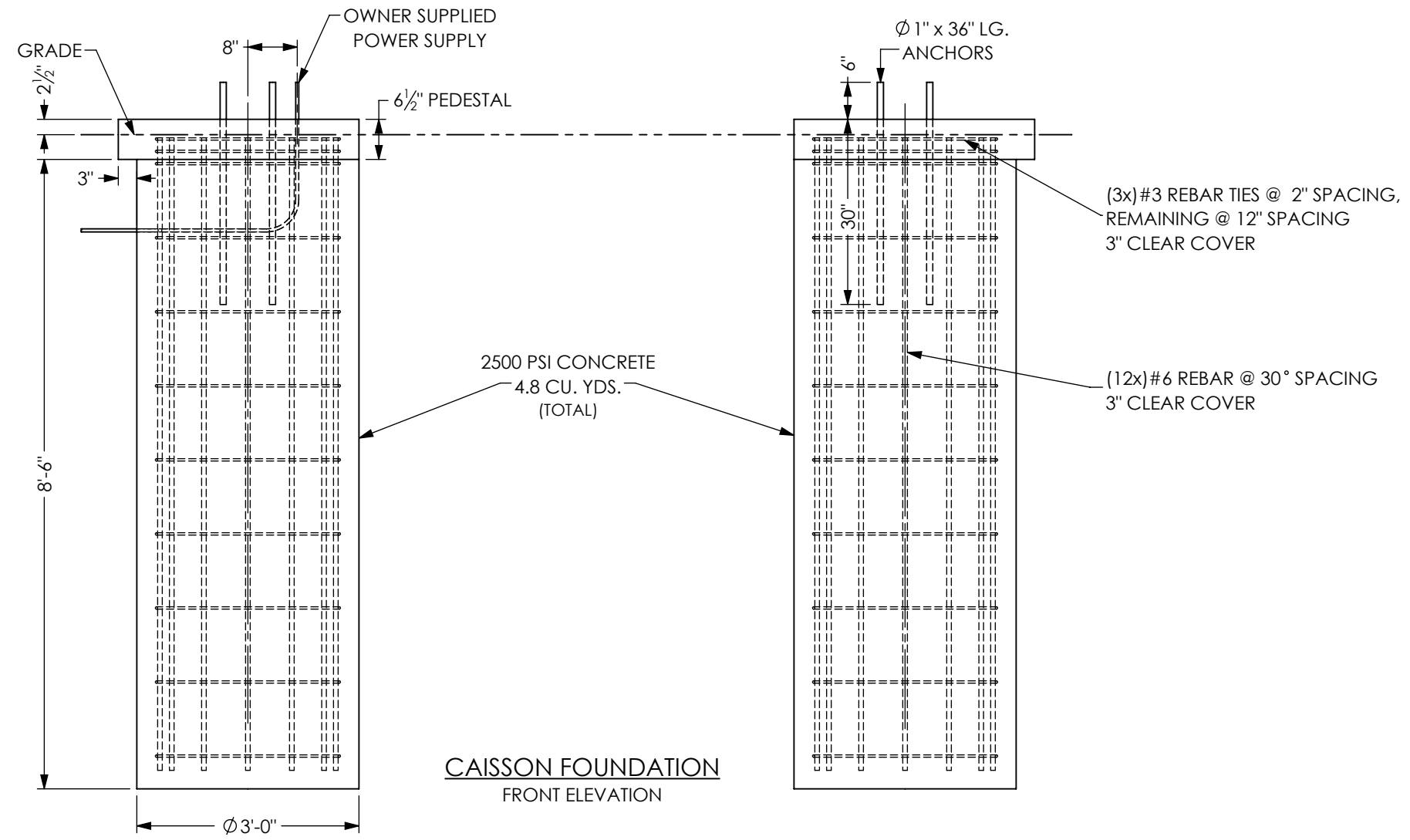
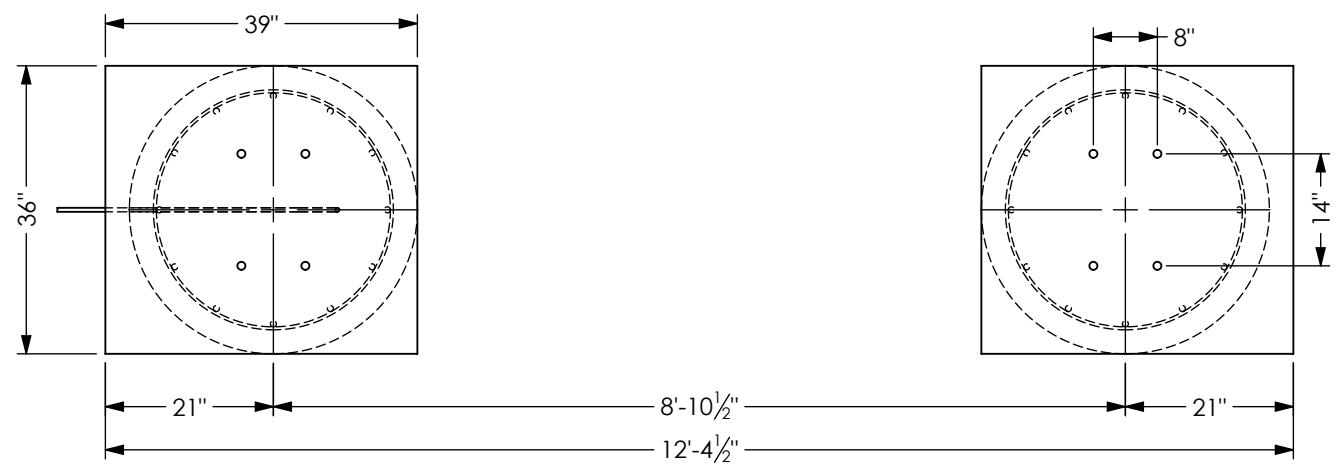
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REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE	03/10/2021	AP
2-A1	B	46038	RBA SPEC CHANGES TO VERTICAL SLAB	03/17/2021	AP



***** NOTE *****

ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF
 ALLOWABLE LATERAL SOIL PRESSURE = 150 PSF/FT
 PEDESTAL IS TO BE POURED IN A SINGLE POUR WITH THE REST OF THE FOUNDATION.

Program/Customer:		MAZDA	
Interior/Exterior:	EXTERIOR	 Description: AGI FOUNDATIONS Part Number: MAZ-P70-20-115-SKT-FDN	
Sign Type:	PYLON		
Engineer:	NICK CARRELL		
Windspeed:	115 MPH IBC 2015		
Illumination:			
Voltage:		SCALE: 1:24	

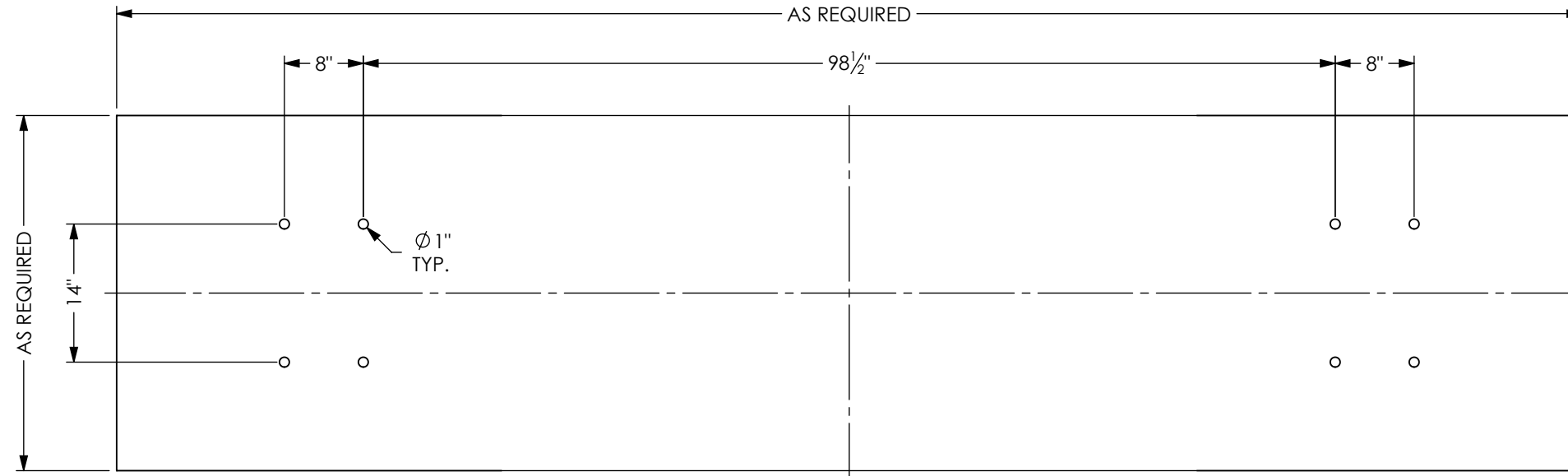
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1

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE	03/10/2021	AP
2-A1	B	46038	RBA SPEC CHANGES TO VERTICAL SLAB	03/17/2021	AP



ANCHOR TEMPLATE

Program/Customer:		
MAZDA		
Interior/Exterior:	EXTERIOR	
Sign Type:	PYLON	
Engineer:	NICK CARRELL	
Windspeed:	115 MPH IBC 2015	Description: AGI FOUNDATIONS Part Number: MAZ-P70-20-115-SKT-FDN
Illumination:		
Voltage:	SCALE: 1:16	

ANSI BASE DRAWING - VERSION: 19302

3

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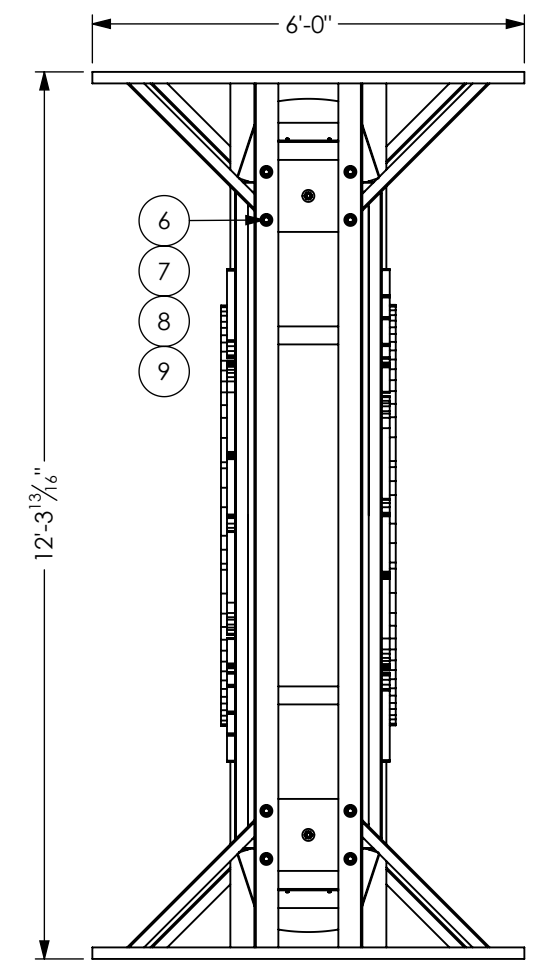
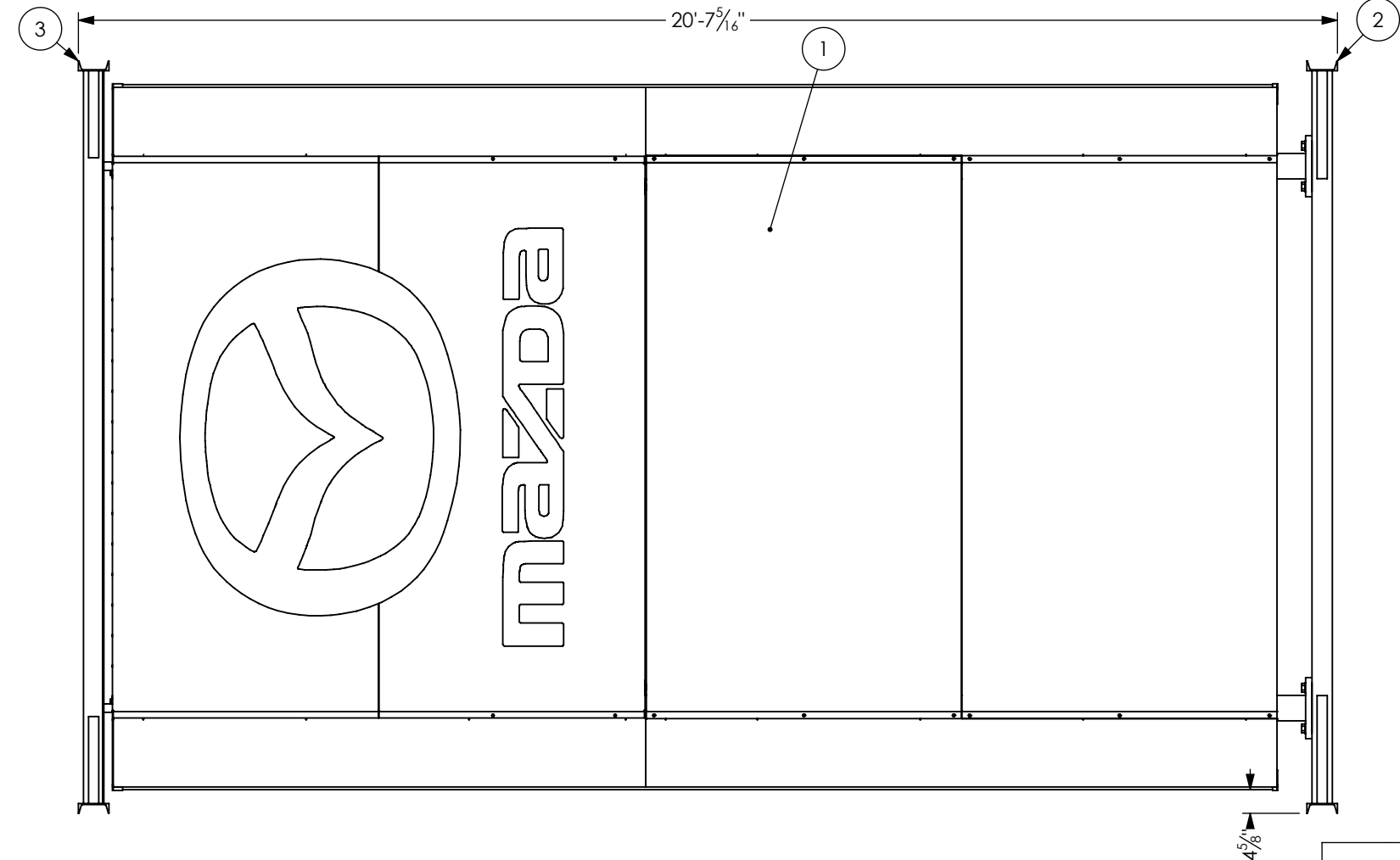
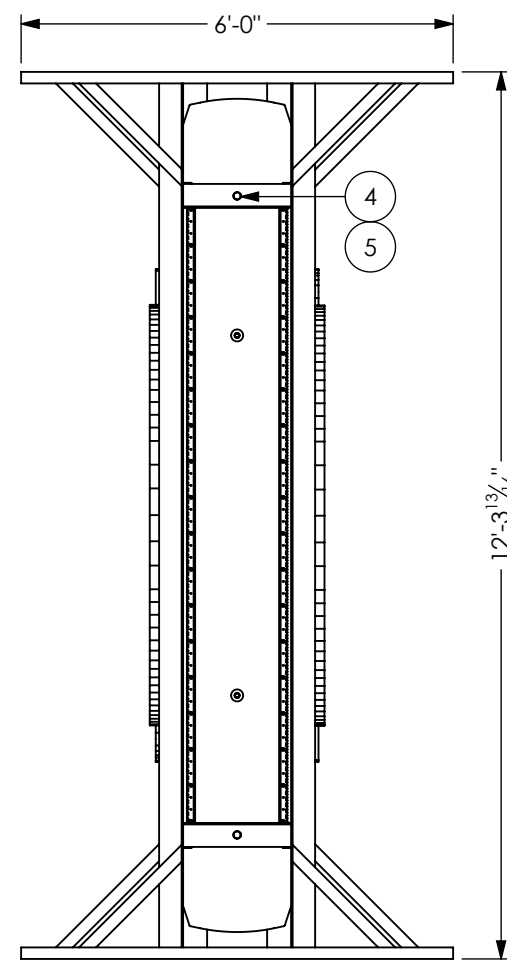
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1

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE	03/10/2020	AP



BOM TABLE: MAZ-P70-20-115-SKT-SHIPPING

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	MAZ-P70-20-115-SKT	21' SKIRTED PYLON	1
2	MAZ-P70-20-115-SKT-SS-S1	LOWER SHIP STAND	1
3	MAZ-P70-20-115-SKT-SS-S2	UPPER SHIP STAND	1
4	MCM# 91247A847	3/4-10X3 GD5 PT BOLT-Z	2
5	MCM# 91102A036	3/4" LOCK WASHER-ZINC	2
6	MCM# 92865A916	1-8X3 GD5 FT BOLT-Z	8
7	MCM# 91102A038	1" LOCK WASHER-ZINC	8
8	MCM# 90126A038	1" FLAT WASHER SAE-ZINC	16
9	MCM# 95462A548	1-8 GD5 HEX NUT	8

Program/Customer: MAZDA

Interior/Exterior:


Sign Type: PYLON

Engineer: NICK CARRELL

Windspeed:

Illumination:

Voltage:

AGI 

Description: SHIPPING DETAILS

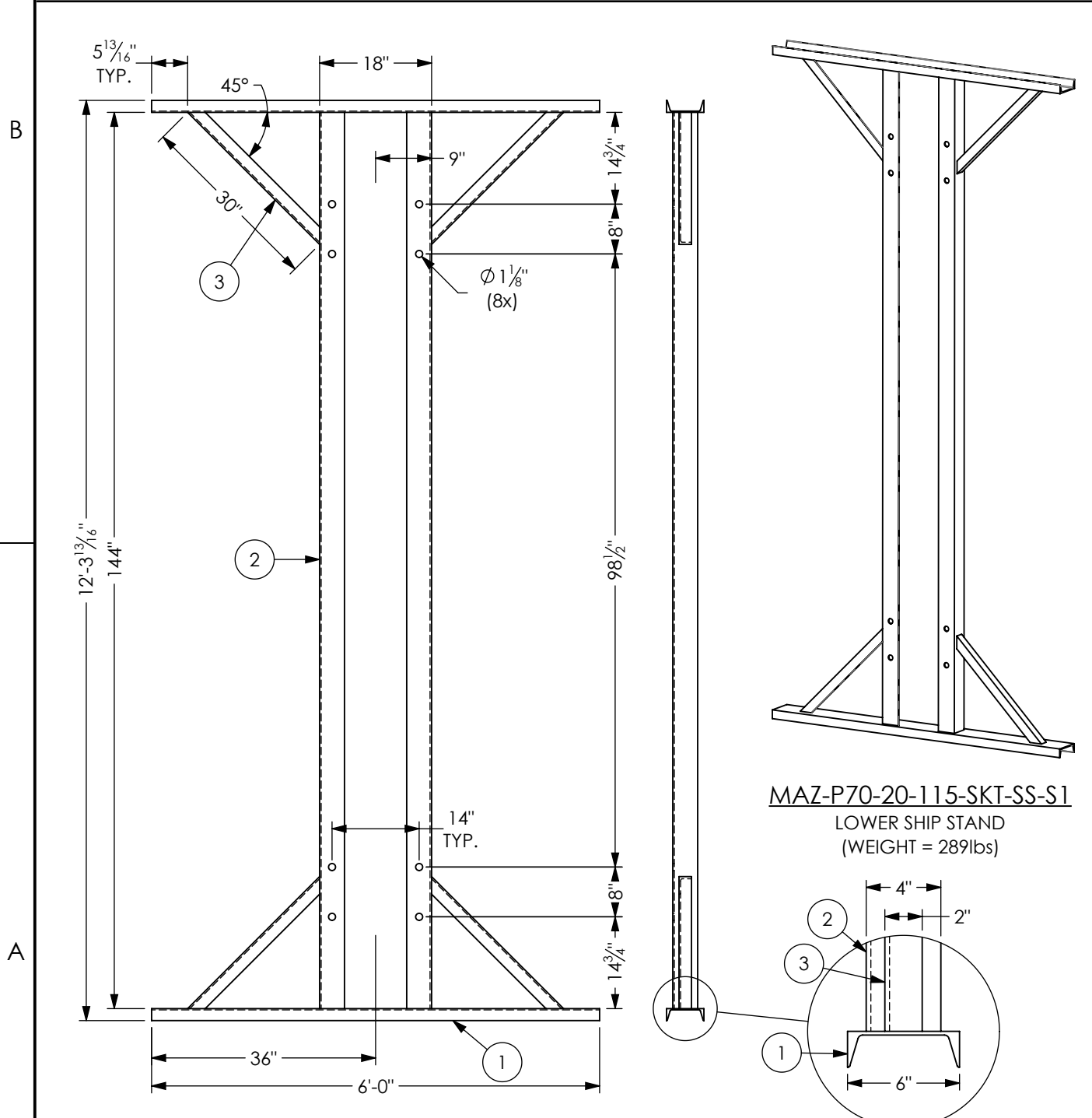
Part Number: MAZ-P70-20-115-SKT-SHIPPING

SCALE: 1:32

WEIGHT = 3901 lbs

- NOTES:
1. MTL - MILD STEEL; ANGLES AND PLATE - ASTM A36, TUBE STEEL - ASTM A500B.
 2. WELD PER AWS D1.1; ALL WELDS TO BE 3/16" FILLET ALL AROUND USING 70KSI FILLER METAL, UNLESS OTHERWISE NOTED.
 3. ALL WELDMENTS TO BE FREE OF WELD SPLATTER, SLAG, AND ARCING.
 4. REMOVE ALL SHARP EDGES & BURRS.
 5. ALL WELDMENT EXPOSED SURFACES TO BE PAINTED GRAY EPOXY PRIMER, EXCEPT WHERE NOTED.

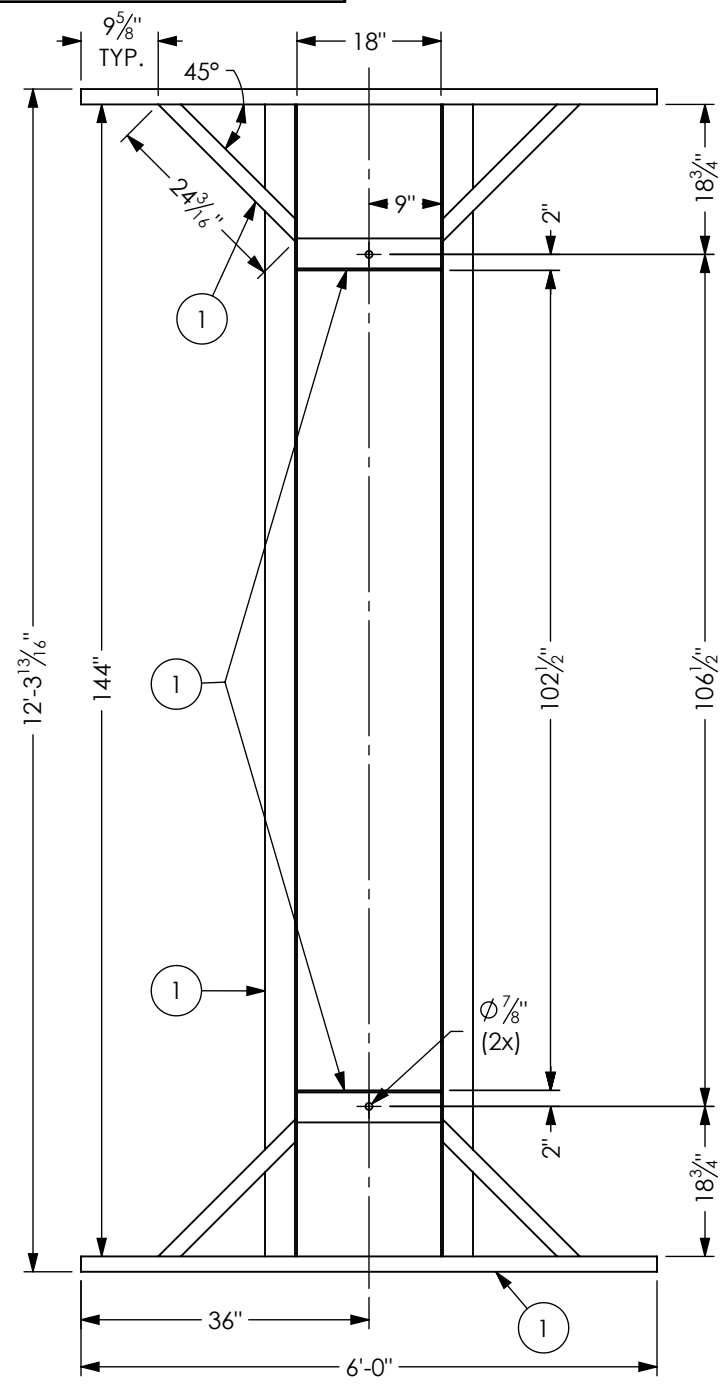
REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE	03/10/2020	AP



MAZ-P70-20-115-SKT-SS-S1
 LOWER SHIP STAND
 (WEIGHT = 289lbs)

DETAIL A
 SCALE 1 : 8

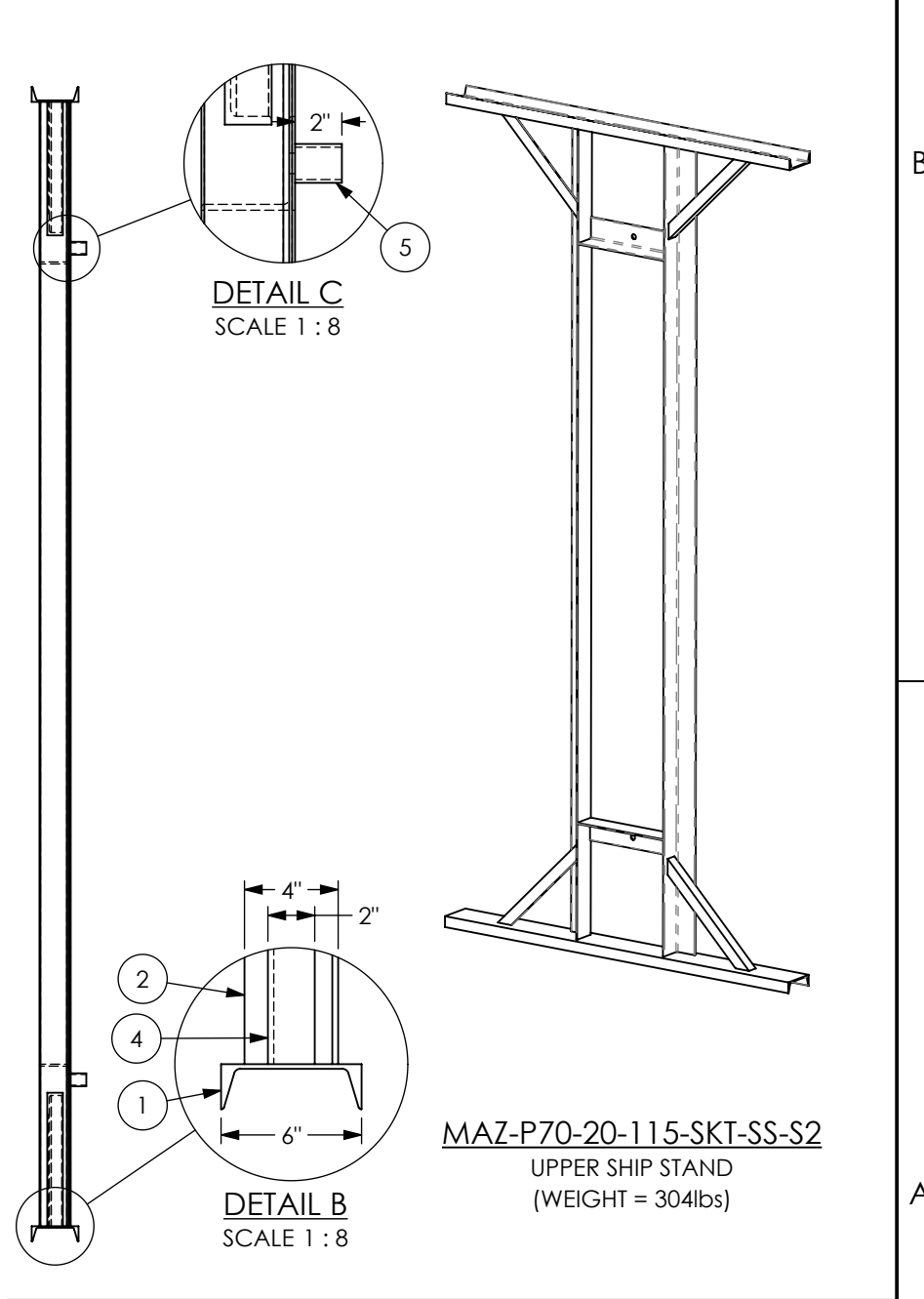
WELDMENT CUT LIST				
ITEM	QTY.	DESCRIPTION	LENGTH	MATERIAL
1	2	C6X8.2	72"	ASTM A36 Steel
2	2	STAN4 X 4 X 1/4	144"	ASTM A36 Steel
3	4	STAN2 X 2 X 1/4	30"	ASTM A36 Steel



MAZ-P70-20-115-SKT-SS-S2
 UPPER SHIP STAND
 (WEIGHT = 304lbs)

DETAIL B
 SCALE 1 : 8

WELDMENT CUT LIST				
ITEM	QTY.	DESCRIPTION	LENGTH	MATERIAL
1	2	C6X8.2	72"	ASTM A36 STEEL
2	2	STAN4 X 4 X 1/4	144"	ASTM A36 STEEL
3	2	STAN4 X 4 X 1/4	18"	ASTM A36 STEEL
4	4	STAN2 X 2 X 1/4	24 3/16"	ASTM A36 STEEL
5	2	STD 1.25	2"	ASTM A36 STEEL



Program/Customer:		MAZDA
Interior/Exterior:		
Sign Type:	PYLON	
Engineer:	NICK CARRELL	
Windspeed:		
Illumination:		
Voltage:		

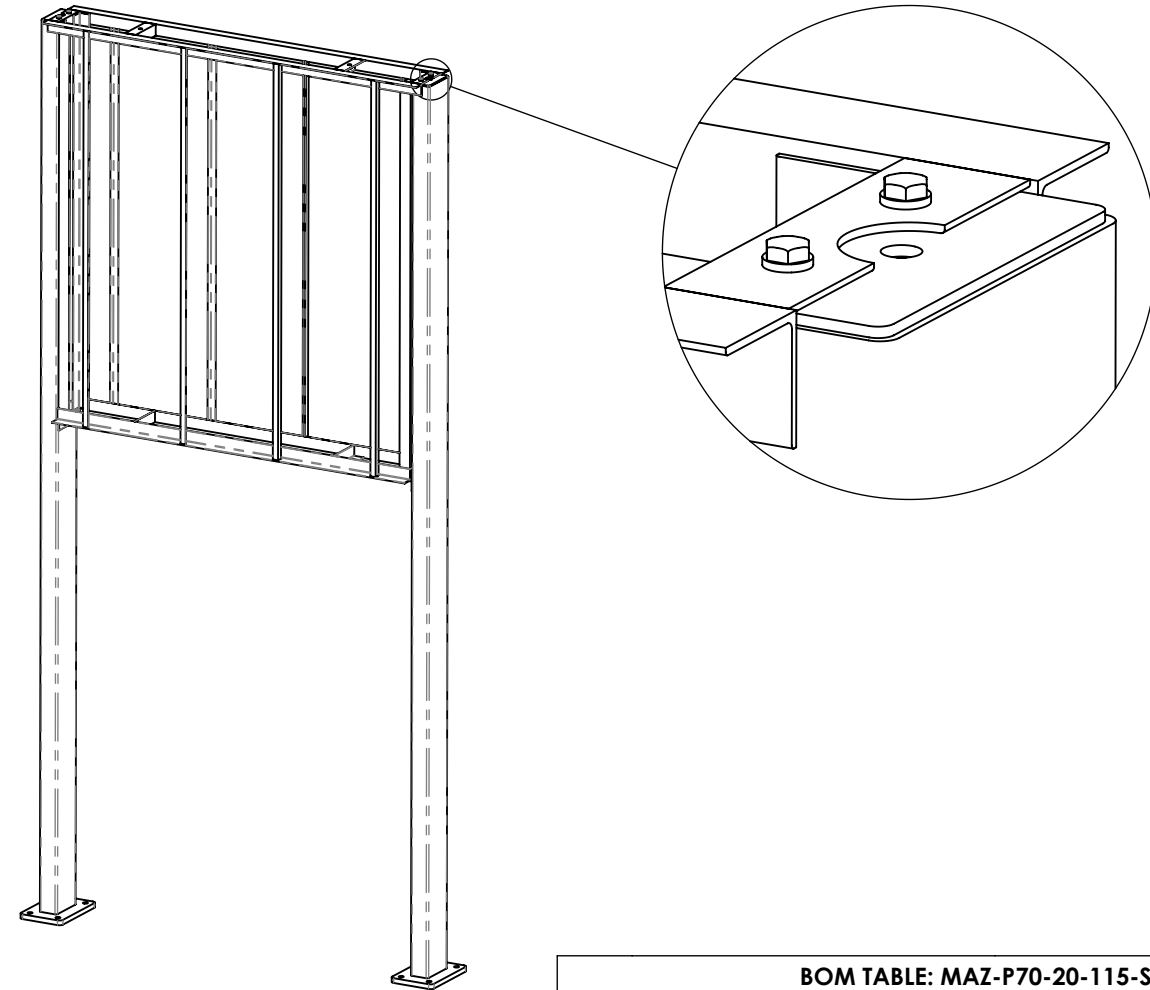
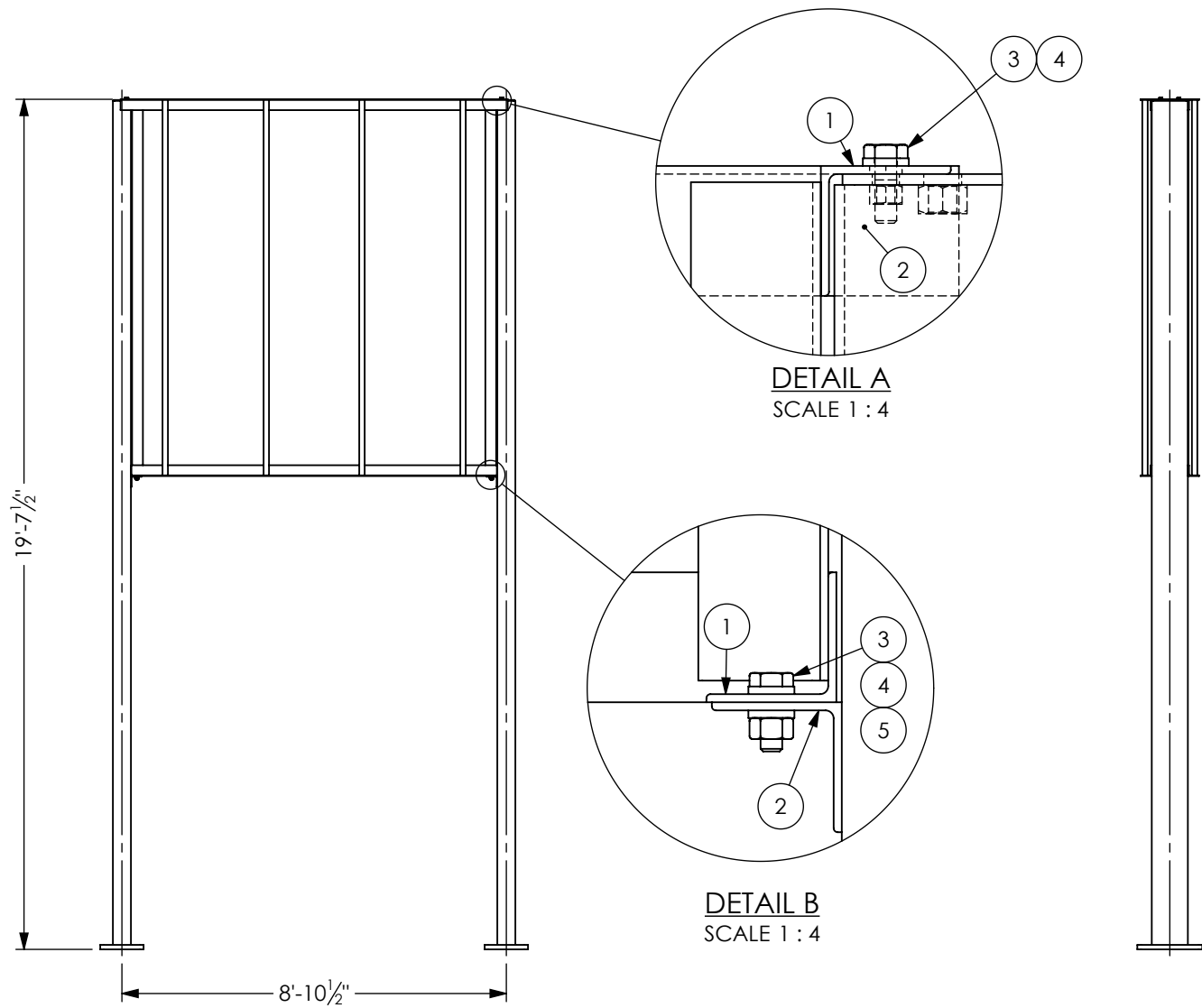
Shipping: SHIPPING DETAILS
 Part Number: MAZ-P70-20-115-SKT-SHIPPING

SCALE: 1:24

NOTES:

- 1. MTL - MILD STEEL; ANGLES AND PLATE - ASTM A572 GR50, TUBE STEEL - ASTM A500C.
- 2. WELD PER AWS D1.1; ALL WELDS TO BE 1/4" FILLET ALL AROUND USING 70KSI FILLER METAL, UNLESS OTHERWISE NOTED.
- 3. ALL WELDMENTS TO BE FREE OF WELD SPLATTER, SLAG, AND ARCING.
- 4. REMOVE ALL SHARP EDGES & BURRS.
- 5. ALL WELDMENT EXPOSED SURFACES TO BE PAINTED GRAY PRIMER, TO PREVENT CORROSION.

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE	03/10/2021	AP



BOM TABLE: MAZ-P70-20-115-SKT-STL			
ITEM	PART NUMBER	DESCRIPTION	DEFAULT/QTY.
1	MAZ-P70-20-115-SKT-STL-1	FACE PANEL STEEL FRAME	1
2	MAZ-P70-20-115-SKT-STL-2	STEEL UPRIGHT	2
3	FNL# 19502	1/2X1 1/2 A325 BOLT	8
4	FNL# 33172	1/2" F436 FLAT WASHER	12
5	FNL# 38180	1/2-13 A563 HEX NUT	4

Program/Customer:
MAZDA

Interior/Exterior: EXTERIOR

Sign Type: PYLON

Engineer: NICK CARRELL

Windspeed: 115 MPH IBC 2015

Illumination:

Voltage:

Description:
PYLON STEEL ASSEMBLY

Part Number:
MAZ-P70-20-115-SKT-STL

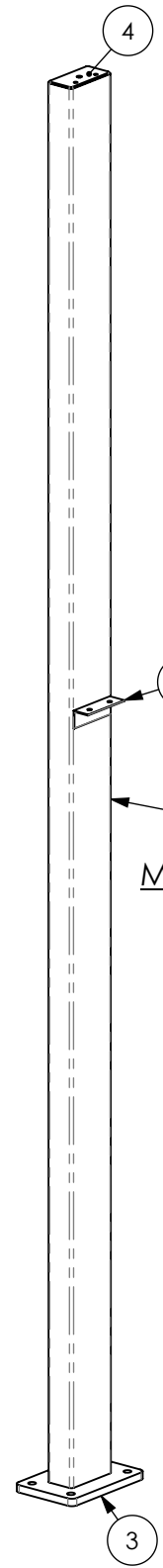
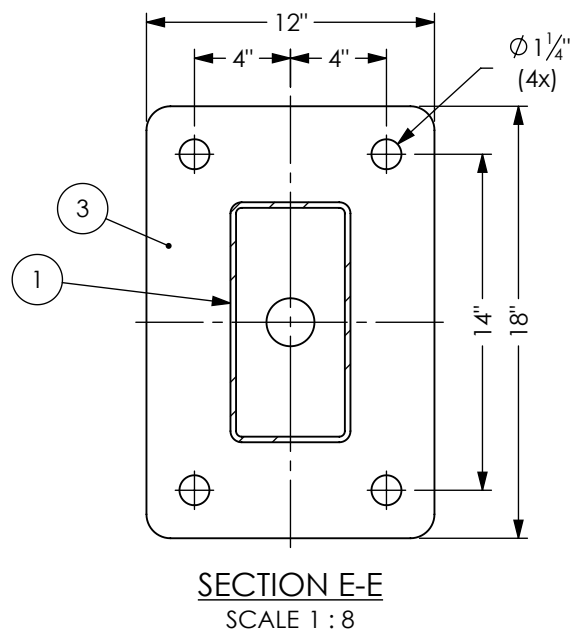
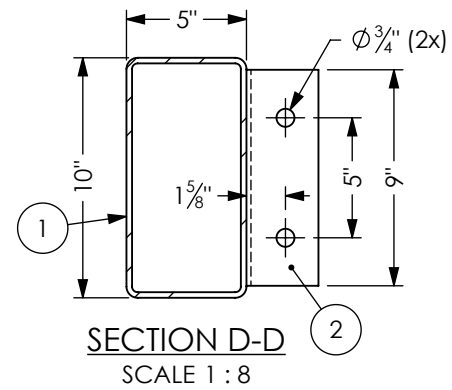
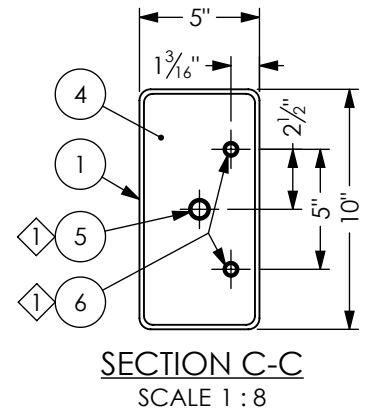
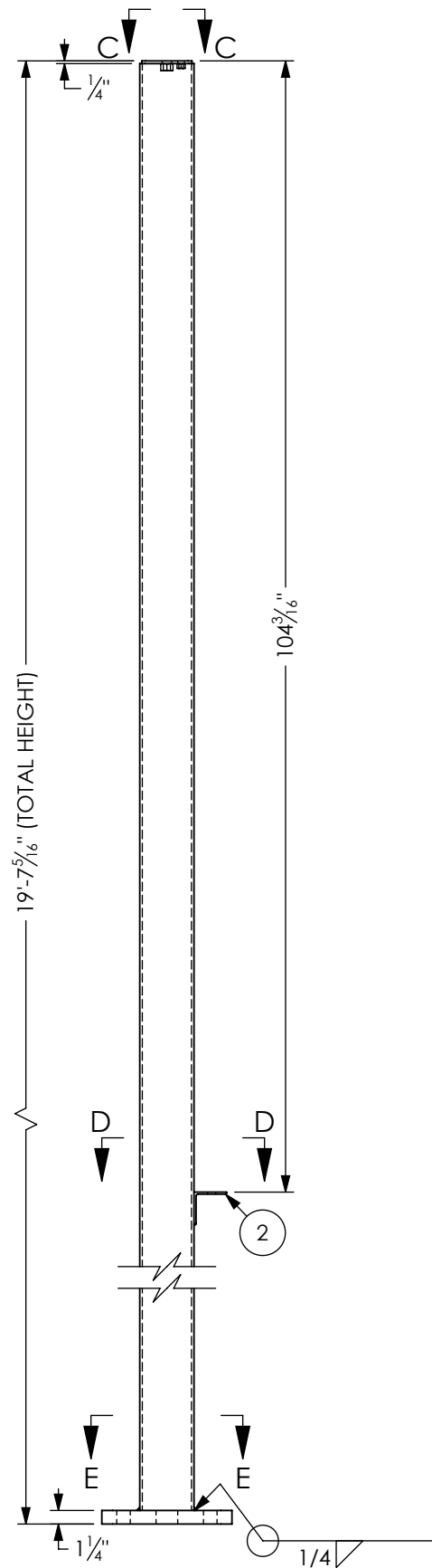
WEIGHT = 1405 lbs

SCALE: 1:48

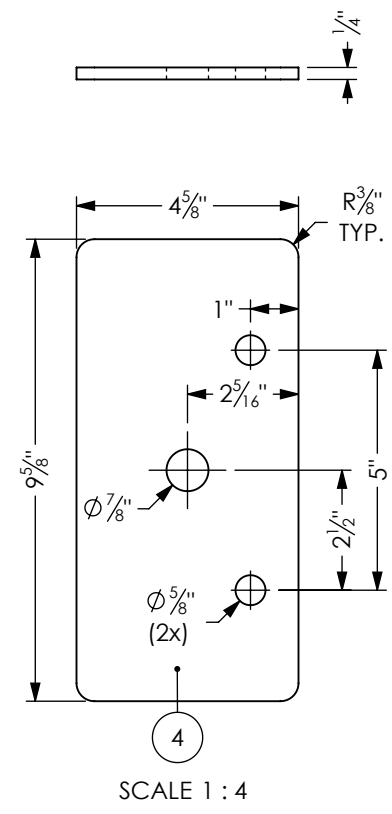
MAZ-P70-20-115-SKT-STL

ANSI BASE DRAWING - VERSION: 19302

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE	03/10/2021	AP



MAZ-P70-20-115-SKT-STL-2
 STEEL UPRIGHT
 WEIGHT = 517lbs



NOTES:
 1 WELD NUTS ON HOLE CENTERS TO BOTTOM OF PLATE.

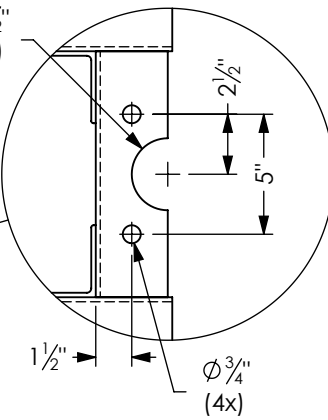
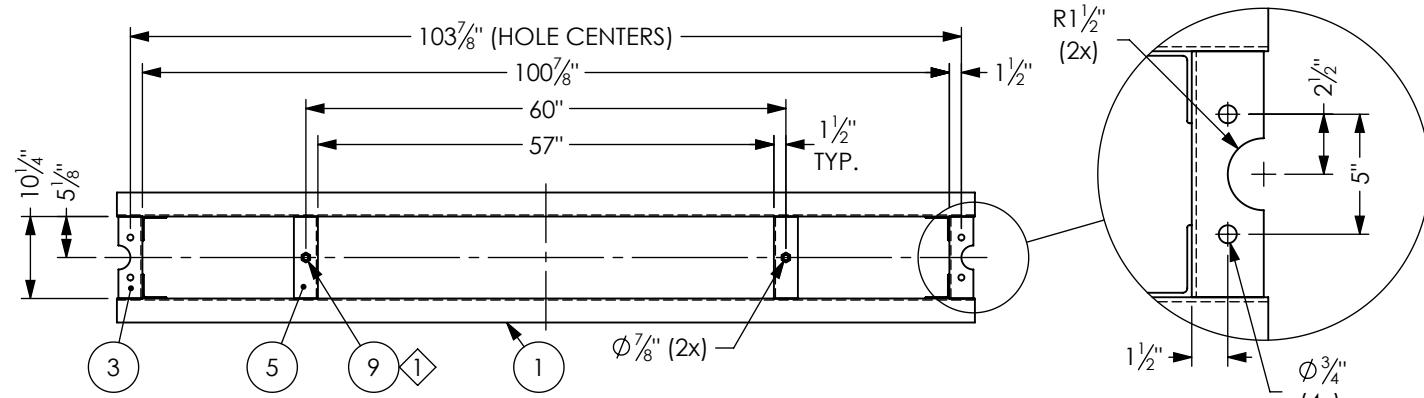
WELDMENT CUT LIST			
ITEM	QTY.	DESCRIPTION	LENGTH
1	1	HSS10X5X0.25	233 13/16"
2	1	STAN3 X 3 X 3/16	9"
3	1	PLATE, 1 1/4" x 12" x 18"	
4	1	PLATE, 1/4" x 4 5/8" x 9 5/8"	
5	1	3/4 HEX NUT	
6	2	1/2" HEX NUT	

Program/Customer: MAZDA	
Interior/Exterior:	EXTERIOR
Sign Type:	PYLON
Engineer:	NICK CARRELL
Windspeed:	115 MPH IBC 2015
illumination:	
Voltage:	

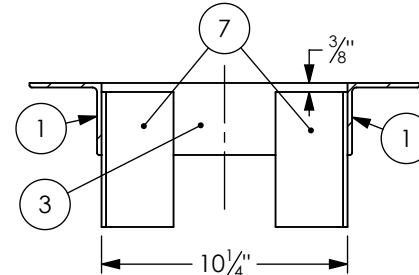
AGI
 Description:
 PYLON STEEL ASSEMBLY
 Part Number:
 MAZ-P70-20-115-SKT-STL

SCALE: 1:16

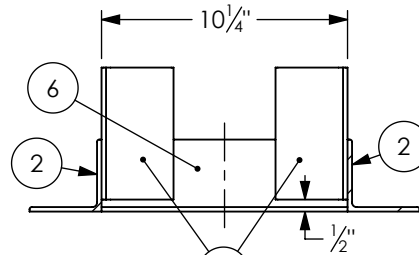
REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE	03/10/2021	AP



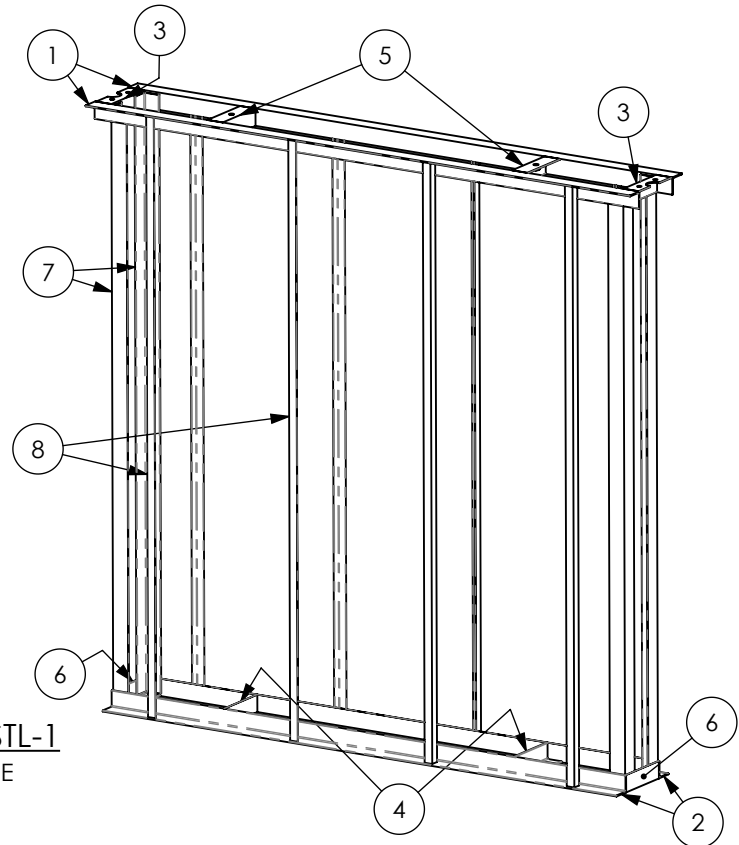
DETAIL L
SCALE 1 : 8



SECTION G-G
SCALE 1 : 8



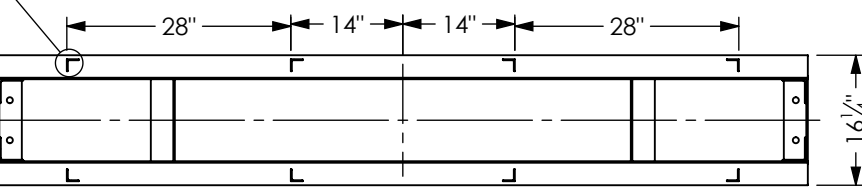
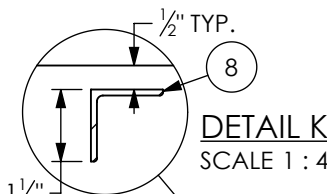
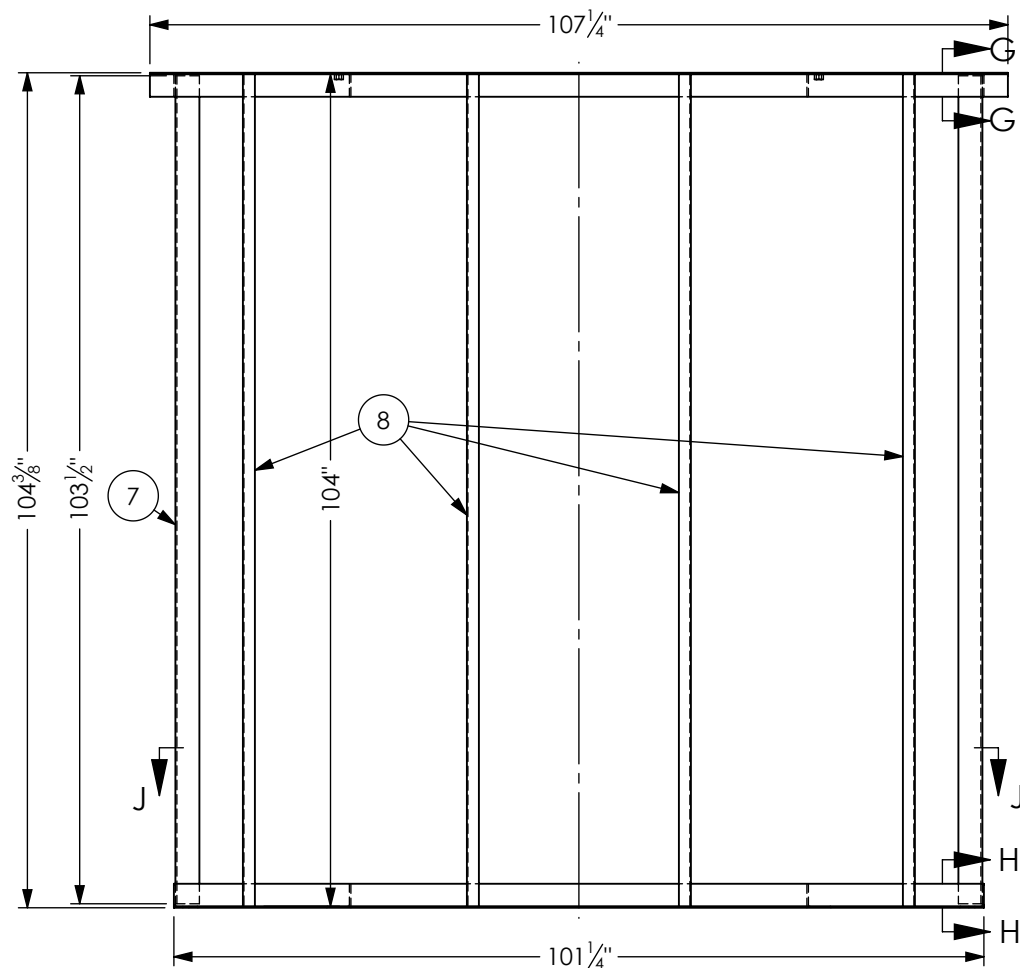
SECTION H-H
SCALE 1 : 8



MAZ-P70-21-115-SKT-STL-1
FACE PANEL STEEL FRAME

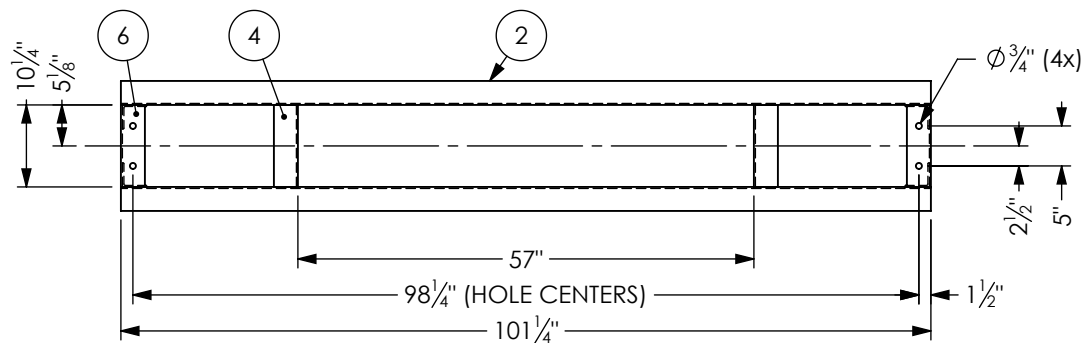
WEIGHT = 368lbs

NOTES:
1 WELD NUTS ON HOLE CENTERS TO BOTTOM OF ANGLE.



SECTION J-J

WELDMENT CUT LIST			
ITEM	QTY.	DESCRIPTION	LENGTH
1	2	STAN3 X 3 X 3/16	107 1/4"
2	2	STAN3 X 3 X 3/16	101 1/4"
3	2	STAN3 X 3 X 3/16	10 1/4"
4	2	STAN3 X 3 X 3/16	10 1/4"
5	2	STAN3 X 3 X 3/16	10 1/4"
6	2	STAN3 X 3 X 3/16	10 1/4"
7	4	STAN3 X 3 X 3/16	103 1/2"
8	8	STAN1.5 X 1.5 X 1/8	104"
9	2	3/4" NUT	



Program/Customer: MAZDA	
Interior/Exterior:	EXTERIOR
Sign Type:	PYLON
Engineer:	NICK CARRELL
Windspeed:	115 MPH IBC 2015
illumination:	
Voltage:	

Description:
PYLON STEEL ASSEMBLY

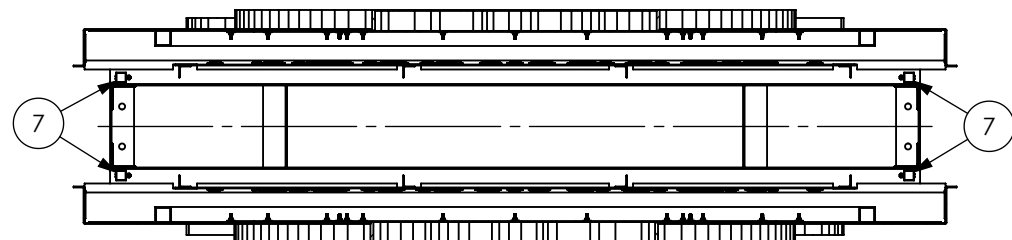
Part Number:
MAZ-P70-20-115-SKT-STL

SCALE: 1:24

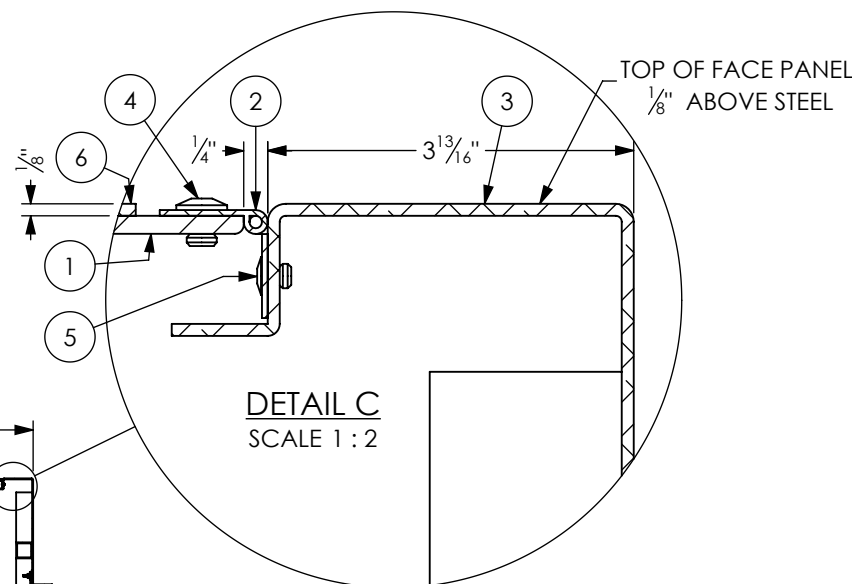
NOTES:

- ① ADDITIONAL NEEDED DATA SHALL BE OBTAINED FROM CAD MODEL.
- ② ALL EXTERNAL SURFACES TO BE PAINTED MAP SVoc3341sp/01.
- ③ ALL PAINTED SURFACES MUST BE SANDED, PRIMED WITH 74 734SP MATTHEWS PRETREATMENT SELF-ETCHING PRIMER AND THEN PRIMED WITH MATTHEWS PAINT 6007SP/01 'GRAY' EPOXY PRIMER.
- ④ SEAM TO BE BODYWORKED WITH A SKIM COAT OF FILLER.

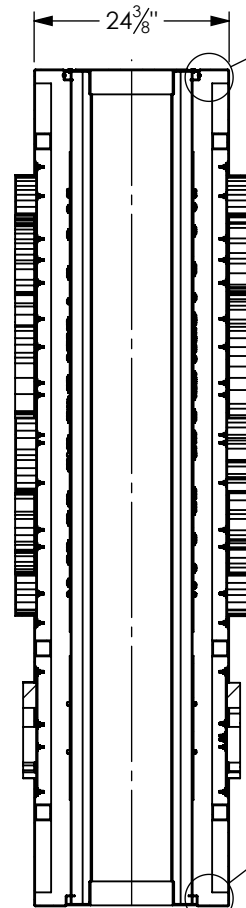
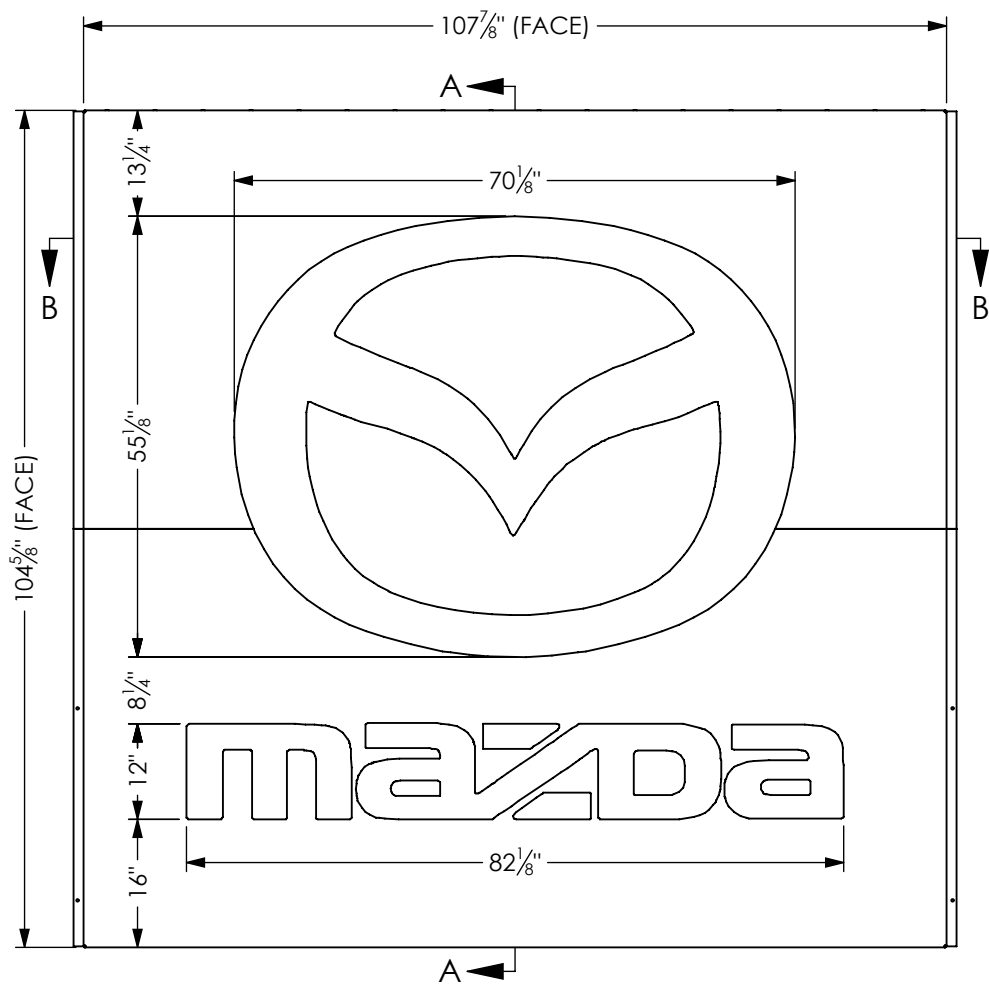
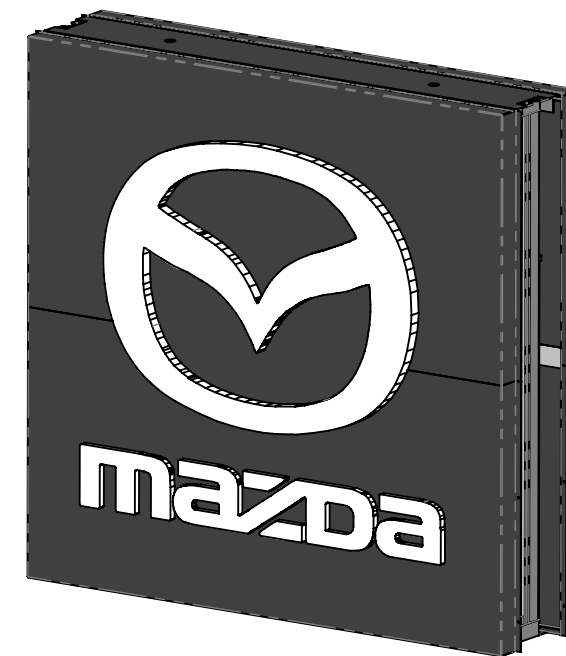
REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE	03/10/2020	AP



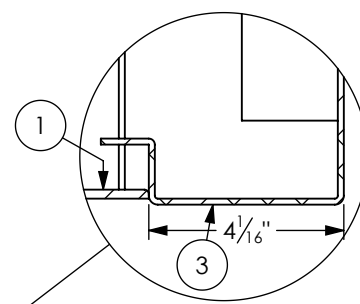
SECTION B-B



DETAIL C
SCALE 1 : 2




SECTION A-A



DETAIL D
SCALE 1 : 4

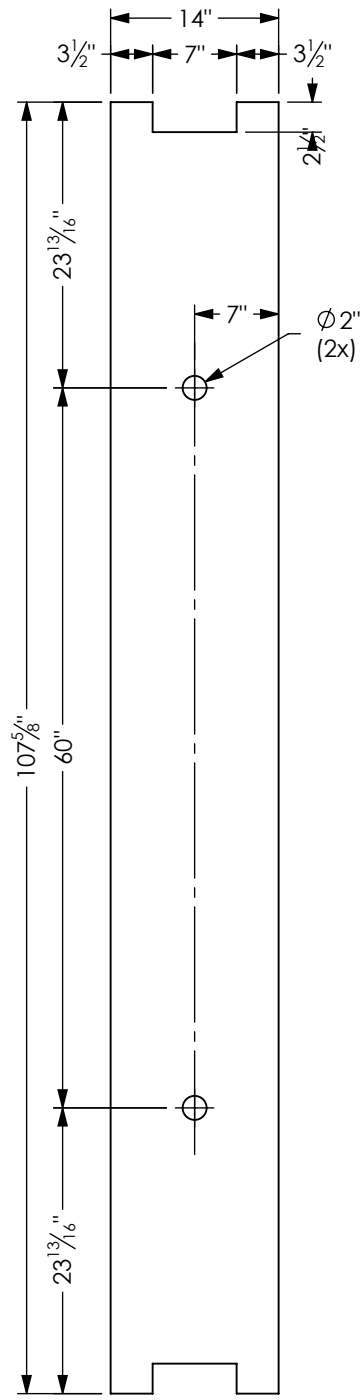
BOM TABLE: MAZ-P70-20-115-SKT-HEAD			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	MAZ-P70-20-115-SKT-STL-1	FACE PANEL STEEL FRAME	1
2	MCM 1575A65	2" ALUM. PIANO HINGE W/HOLES	2
3	MAZ-P70-F-CAB	FACE CABINET ASSEMBLY	2
4	MGLP-U8-E	1/4" HUCK RIVET-SS	36
5	MCM# 97447A050	3/16" ALUM. POP RIVET	52
6	MAZ-P70-UCP	UPPER COVER PANEL	1
7	MAZ-F-PR-72	6' PROP ROD ASSEMBLY	4

Program/Customer:		
MAZDA		
Interior/Exterior:	EXTERIOR	
Sign Type:	PYLON	
Engineer:	NICK CARRELL	
Windspeed:	115 MPH IBC 2015	
illumination:	ILLUMINATED	Description: COMPLETE PYLON HEAD
Voltage:		Part Number: MAZ-P70-20-115-SKT-HEAD

WEIGHT = 993 lbs

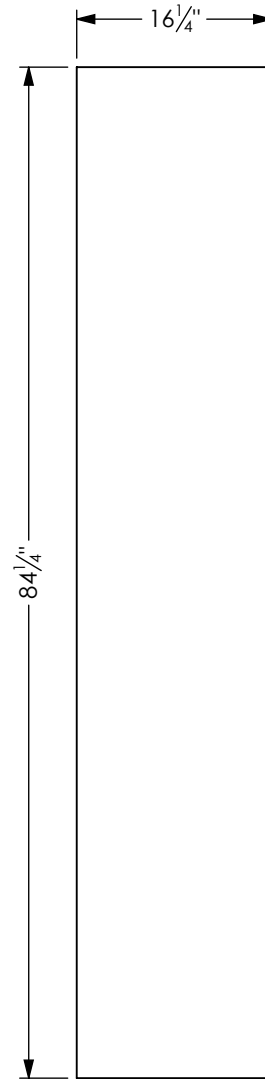
SCALE: 1:24

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE	03/10/2020	AP



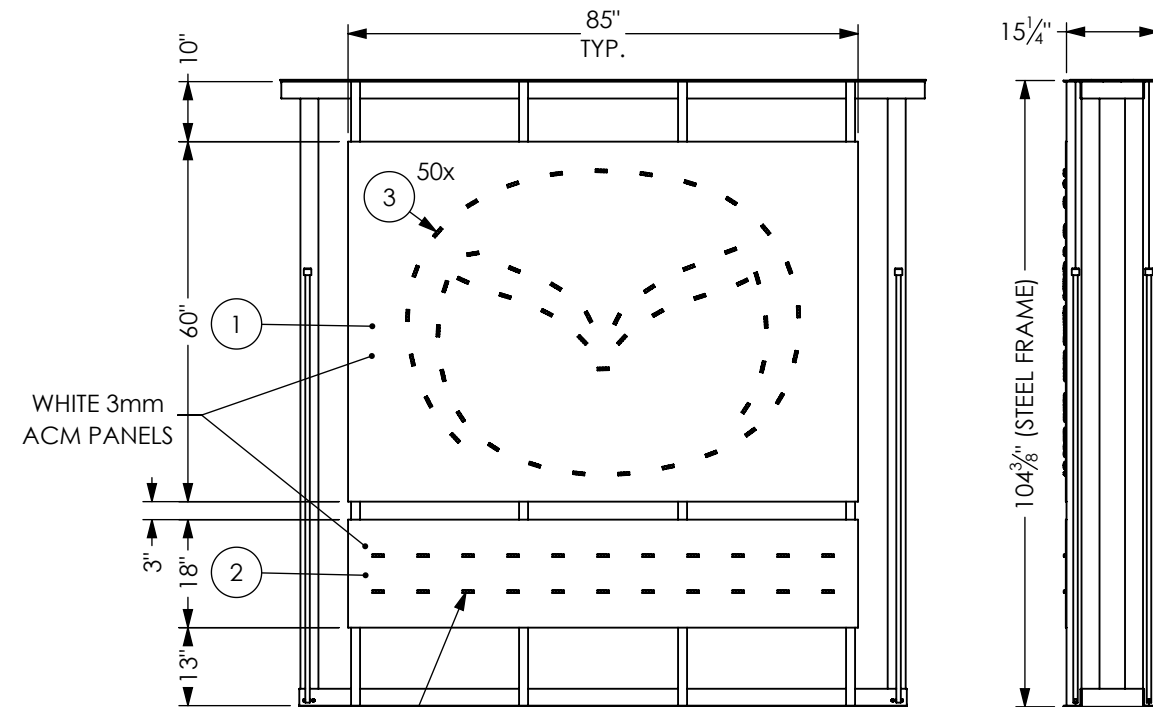
MAZ-P70-UCP
UPPER COVER PANEL
(WEIGHT = 18lbs)
SCALE 1 : 16

WELDMENT CUT LIST	
DESCRIPTION	MATERIAL
PLATE, 1/8" x 14" x 107 5/8"	3003 ALLOY



MAZ-P70-LCP
LOWER COVER PANEL
(WEIGHT = 17lbs)
SCALE 1 : 16

WELDMENT CUT LIST	
DESCRIPTION	MATERIAL
PLATE, 1/8" x 16 1/4" x 84 1/4"	3003 ALLOY



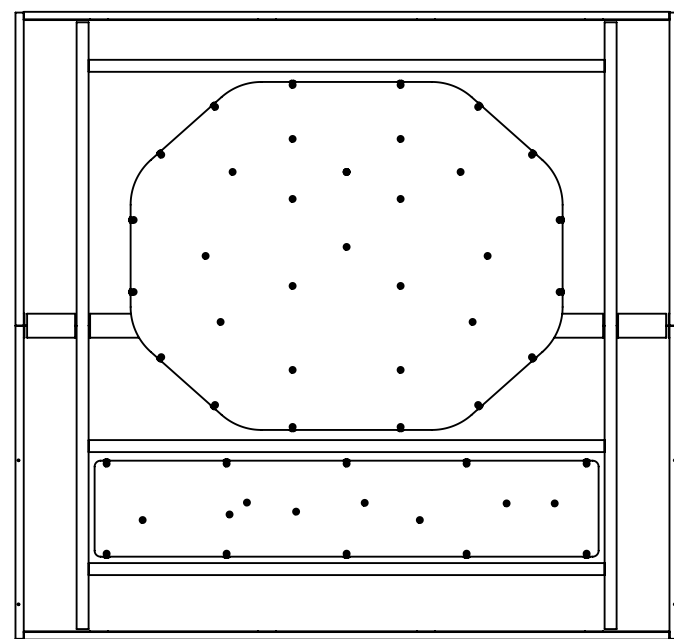
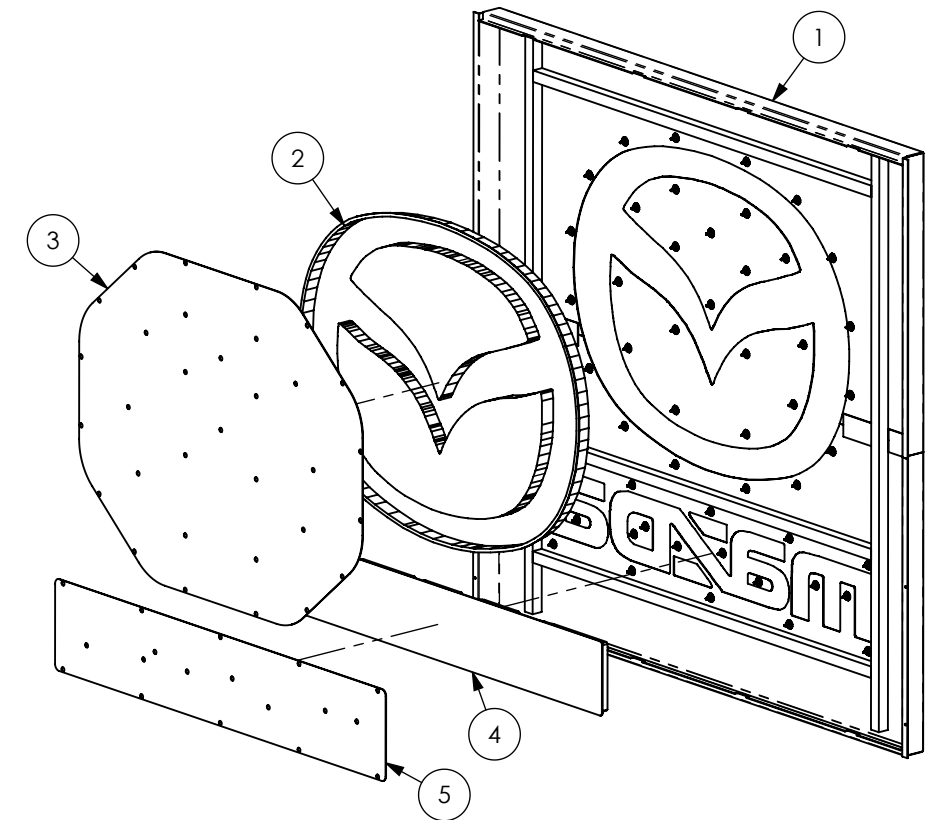
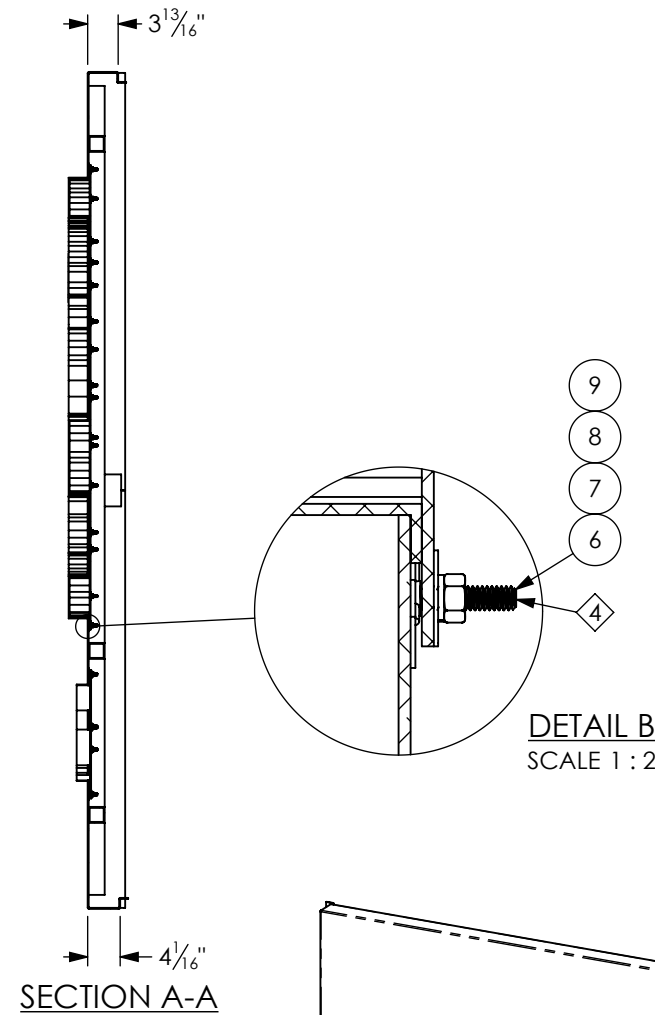
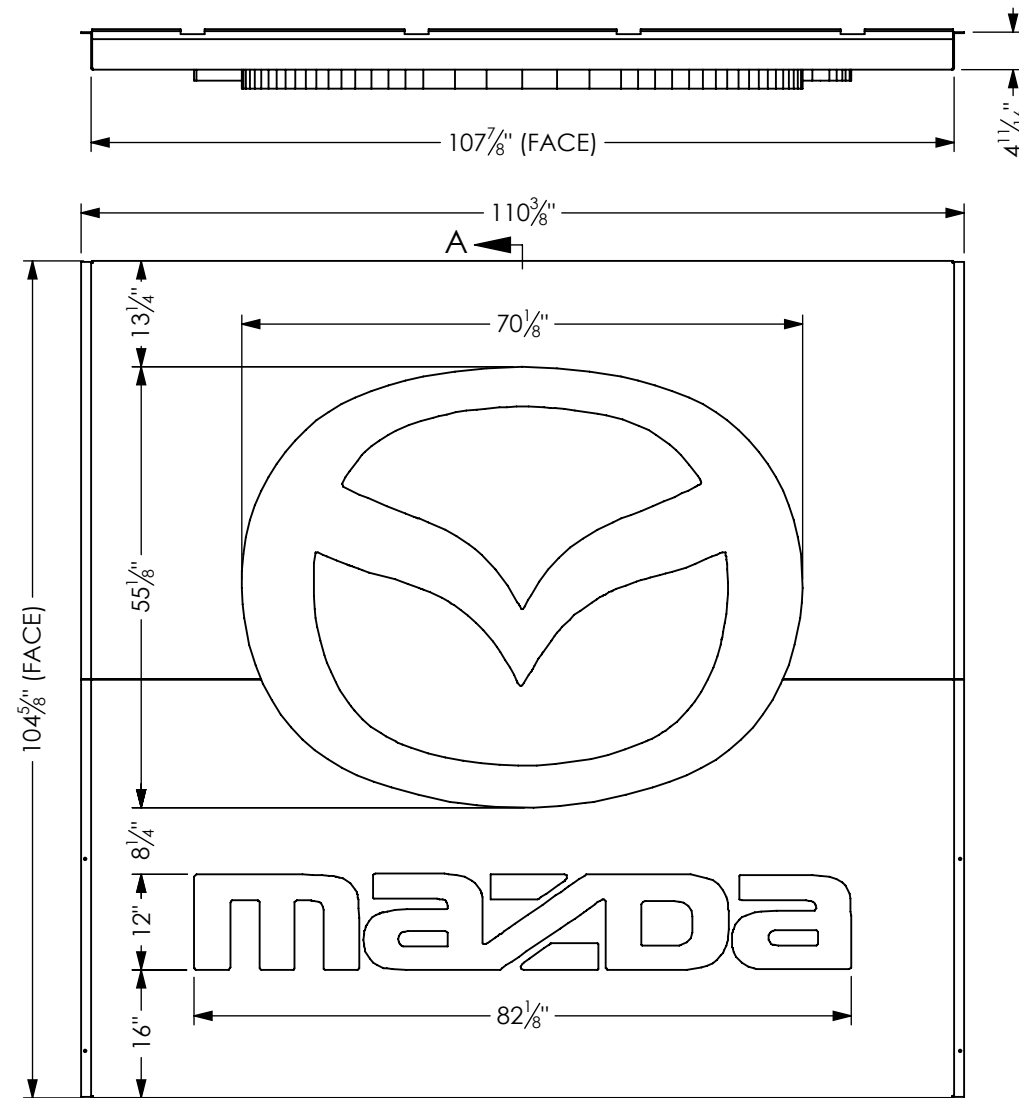
ELECTRICAL LAYOUT

BOM TABLE: MAZ-P70-20-115-SKT-HEAD			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	MAZ-P70-ELEC-LOGO-LP	LOGO LED PANEL	2
2	MAZ-P70-ELEC-WM-LP	WORDMARK LED PANEL	2
3	LS-U650-65K-B200-A	AGILIGHT LED	144
Program/Customer:		MAZDA	
Interior/Exterior:	EXTERIOR		
Sign Type:	PYLON		
Engineer:	NICK CARRELL		
Windspeed:	115 MPH IBC 2015		
illumination:	ILLUMINATED		
Voltage:	SCALE: 1:32		
Description:		COMPLETE PYLON HEAD	
Part Number:		MAZ-P70-20-115-SKT-HEAD	

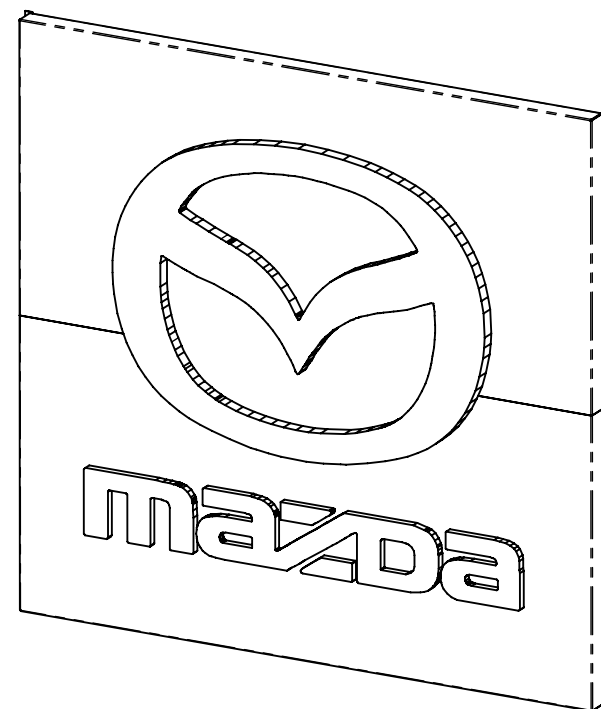


ANSI BASE DRAWING - VERSION: 19302

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	43427	INITIAL RELEASE	09/28/2020	BR
2-B3, 3-B2, 3-B3	B	45344	REDUCED SIDE FLANGES BY 1/8", REDUCED BACKER HARDWARE QTY BY 25, BACKER HOLES WERE 3/8" DIA.	01/15/2021	BR




REAR VIEW
SCALE 1 : 32



WEIGHT = 254 lbs

BOM TABLE: MAZ-P70-F-CAB			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	MAZ-P70-F-CAB-1	FACE PANEL	1
2	MAZ-LOGO-54	MAZ-LOGO-54	1
3	MAZ-LOGO-54-B	ACRYLIC LOGO BACKER	1
4	MAZ-WM-12	12" MAZDA WORDMARK	1
5	MAZ-WM-12-B	ACRYLIC WORDMARK BACKER	1
6	MCM# 97590A330	1/4-20 x 1" LG MOUNT STUD	50
7	MCM# 91090A108	1/4" FLAT WASHER WIDE-ZINC	50
8	MCM# 91102A029	1/4" LOCK WASHER-ZINC	50
9	MCM# 95462A029	1/4-20 GD5 HEX NUT	50

Program/Customer: MAZDA		
Interior/Exterior:		
Sign Type:		
Engineer:	NICK CARRELL	
Windspeed:		
illumination:		Description: FACE CABINET ASSEMBLY
Voltage:		Part Number: MAZ-P70-F-CAB

SCALE: 1:24

MAZ-P70-F-CAB

4

3

2

1

NOTES:

1 ADDITIONAL NEEDED DATA SHALL BE OBTAINED FROM CAD MODEL.

2 ALL EXTERNAL SURFACES TO BE PAINTED MAP SVOC3341SP/01.

3 ALL PAINTED SURFACES MUST BE SANDED, PRIMED WITH 74 734SP MATTHEWS PRETREATMENT SELF-ETCHING PRIMER AND THEN PRIMED WITH MATTHEWS PAINT 6007SP/01 'GRAY' EPOXY PRIMER.

4 VERSILOK IN PLACE, AS SHOWN.

5 V-CUT AND FOLD THIS FLANGE.

6 SEAM TO BE BODYWORKED WITH A SKIM COAT OF FILLER.

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	43427	INITIAL RELEASE	09/28/2020	BR
B3, 3-B2, 3-B3	B	45344	REDUCED SIDE FLANGES BY 1/8", REDUCED BACKER HARDWARE QTY BY 25, BACKER HOLES WERE 3/8" DIA.	01/15/2021	BR

107⁷/₈" (FACE)

110³/₈"

104⁵/₈" (FACE)

FILLER PIECES FOR LOGO

FILLER PIECES FOR WORDMARK

MAZ-P70-F-CAB-1
(FACE PANEL)
FRONT VIEW

DETAIL D
SCALE 1 : 8

DETAIL E
SCALE 1 : 8

DETAIL F
SCALE 1 : 8

SECTION C-C

REAR VIEW

8"

4"

3

SCALE 1 : 4

9"

4"

4

SCALE 1 : 4

3¹/₂"

4"

5

SCALE 1 : 4

WELDMENT CUT LIST				
ITEM	QTY.	DESCRIPTION	LENGTH	MATERIAL
1	1	PLATE, 1/8" x 58 1/16" x 119 7/16"		3003 Alloy
2	1	PLATE, 1/8" x 58 5/16" x 119 7/16"		3003 Alloy
3	2	PLATE, 1/8" x 4" x 8"		3003 Alloy
4	2	PLATE, 1/8" x 4" x 9"		3003 Alloy
5	2	PLATE, 1/8" x 3 1/2" x 4"		3003 Alloy
6	2	AXSQT 6063-T5 2 X 2 X 0.125	101 1/8"	6063-T5
7	3	AXSQT 6063-T5 2 X 2 X 0.125	86"	6063-T5

119.442

1

FLAT PATTERN

119.442

2

FLAT PATTERN

1/2"

24"

5/8"

3"

28"

26¹/₂"

28"

5³/₄"

Ø 5/16" (4x)

CLEARANCE FOR STEEL ANGLES

Program/Customer:
MAZDA

Interior/Exterior:

Sign Type:

Engineer: NICK CARRELL

Windspeed:

Illumination:

Voltage:

SCALE: 1:32

AGI

Description:
FACE CABINET ASSEMBLY

Part Number:
MAZ-P70-F-CAB

A18 BASE DRAWING - VERSION: 19302

C:\AGI PDM\Customers\Mazda\SIGN FAMILY\P70\MAZ-P70-F-CAB

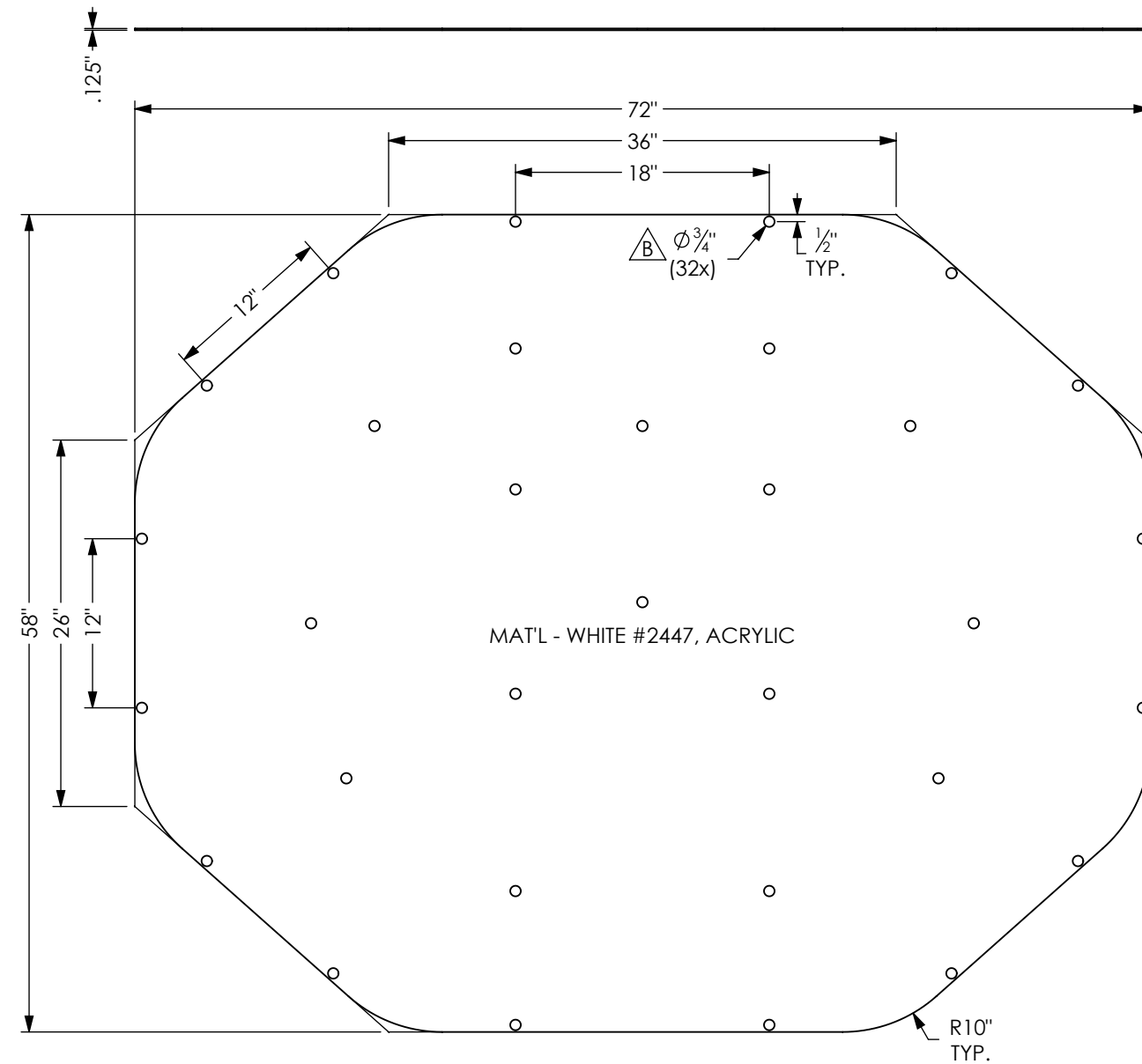
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2

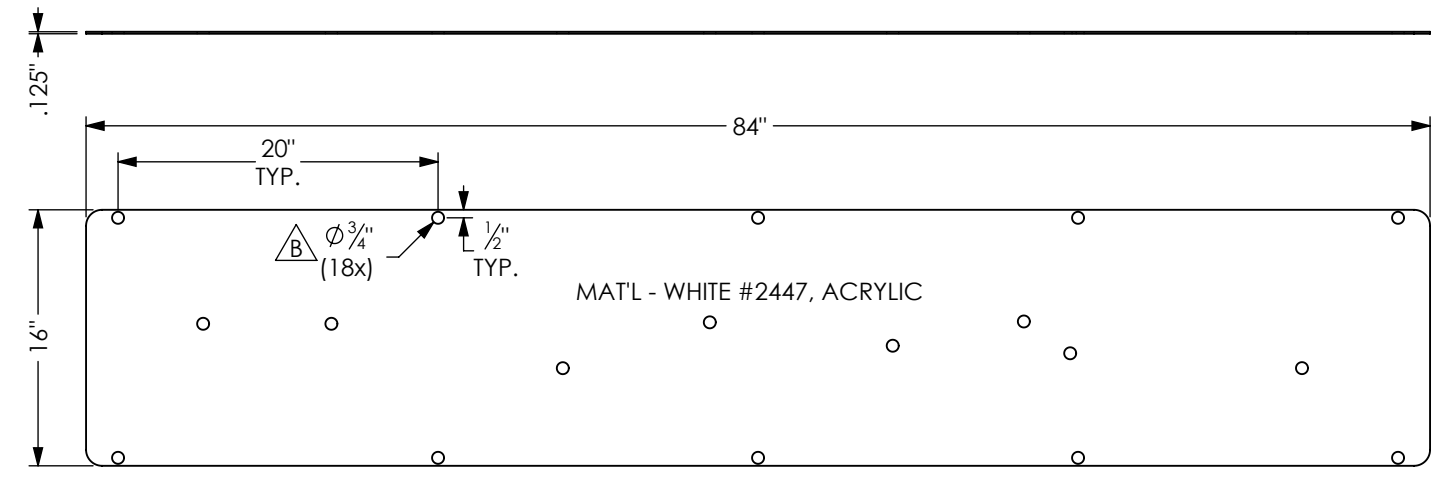
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SHEET 2 OF 3


REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	43427	INITIAL RELEASE	09/28/2020	BR
2-B3, B2, B3	B	45344	REDUCED SIDE FLANGES BY 1/8", REDUCED BACKER HARDWARE QTY BY 25, BACKER HOLES WERE 3/8" DIA.	01/15/2021	BR



MAZ-LOGO-54-B
(ACRYLIC LOGO BACKER)



MAZ-WM-12-B
(ACRYLIC WORDMARK BACKER)

Program/Customer:		
MAZDA		
Interior/Exterior:		
Sign Type:		
Engineer:	NICK CARRELL	
Windspeed:		
illumination:		Description:
Voltage:		FACE CABINET ASSEMBLY
	SCALE: 1:12	Part Number:
		MAZ-P70-F-CAB

4

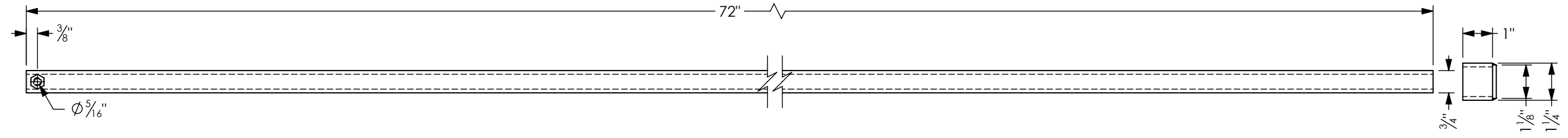
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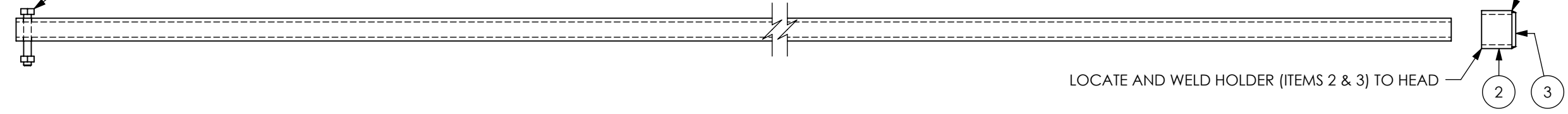
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REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	41351	INITIAL RELEASE	8/18/2020	BR

B




DRILL HOLE THROUGH STEEL FRAME (LOCATED ON TOP LEVEL DRAWING),
AND ATTACH PROP ROD TO STEEL FRAME SO IT IS FREE TO PIVOT FROM
STORED POSITION TO ENGAGED POSITION.



LOCATE AND WELD HOLDER (ITEMS 2 & 3) TO HEAD

A

WELDMENT CUT LIST				
ITEM	QTY.	DESCRIPTION	LENGTH	MATERIAL
1	1	AXSQT 6063-T5 0.75 X 0.75 X 0.125	72"	6063-T5
2	1	AXSQT 6063-T5 1.25 X 1.25 X 0.125	1"	6063-T5
3	1	PLATE, 1/8" x 1 1/8" x 1 1/8"		6063-T5

Program/Customer:		
CADILLAC		
Interior/Exterior:		
Sign Type:		
Engineer:	NICK CARRELL	
Windspeed:		
illumination:		Description: 6' PROP ROD ASSEMBLY
Voltage:		Part Number: MAZ-F-PR-72

SCALE: 1:4

MAZ-F-PR-72

3

2

1

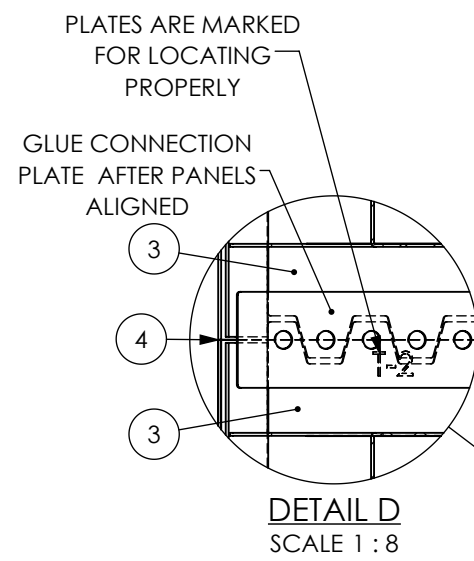
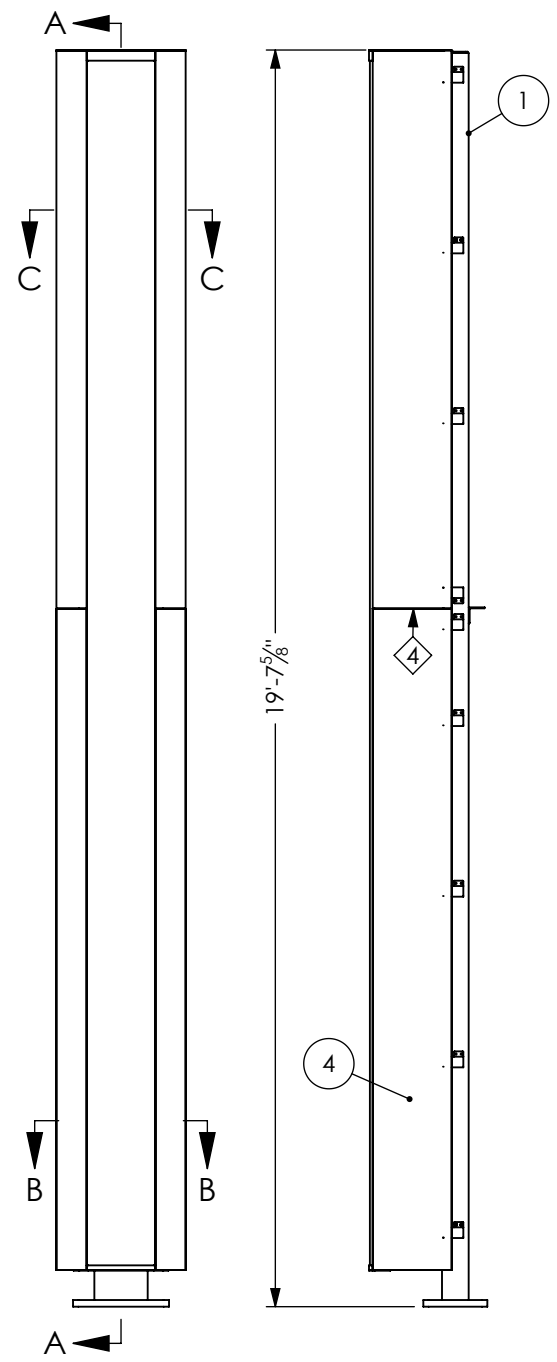
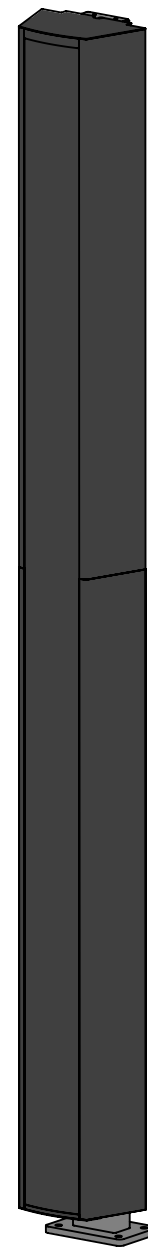
NOTES:

- 1 ADDITIONAL NEEDED DATA SHALL BE OBTAINED FROM CAD MODEL.
- 2 ALL EXTERNAL SURFACES TO BE PAINTED MAP SVOC3341SP/01.
- 3 ALL PAINTED SURFACES MUST BE SANDED, PRIMED WITH 74 734SP MATTHEWS PRETREATMENT SELF-ETCHING PRIMER AND THEN PRIMED WITH MATTHEWS PAINT 6007SP/01 'GRAY' EPOXY PRIMER.
- 4 SEAM TO BE BODYWORKED WITH A SKIM COAT OF FILLER.

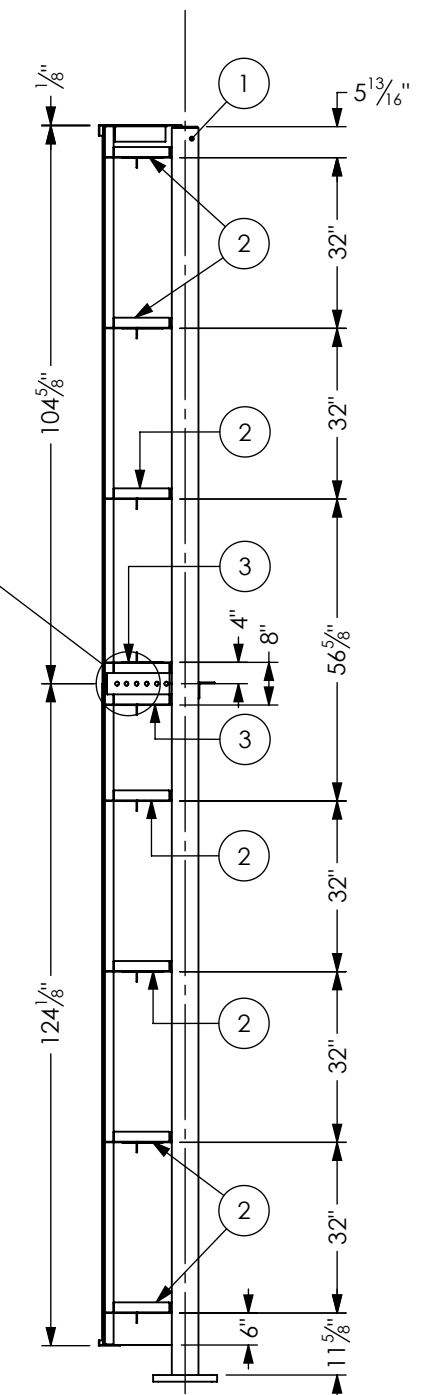
REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	51531	INITIAL RELEASE	12/20/2021	AP

B

B



DIMENSIONS LOCATE PANEL SEAMS
 DIMENSIONS LOCATE B/F EDGE OF BAFFLES



SECTION A-A

BOM TABLE: MAZ-P70-20-115-SKT-EF-001-UPRIGHT			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	MAZ-P70-20-115-SKT-STL-2	STEEL UPRIGHT	1
2	MAZ-S-CAB-B-10-05-2	HEAD BAFFLE	7
3	MAZ-S-CAB-B-10-05-2A	HEAD BAFFLE WITH DOUBLERS	2
4	MAZ-P70-20-SKT-S-CAB-CLAD	SIDE CABINET CLADDING	1
5	MAZ-P70-20-SKT-S-CAB-MISC	SIDE CABINET MISCELLANEOUS	1
6	MAZ-P70-20-115-SKT-EF-001-S-LENS	.090" ALUM. LENS	1

Program/Customer: MAZDA	
Interior/Exterior:	EXTERIOR
Sign Type:	PYLON
Engineer:	NICK CARRELL
Windspeed:	115 MPH IBC 2015
illumination:	
Voltage:	

Description:
COMPLETE UPRIGHT

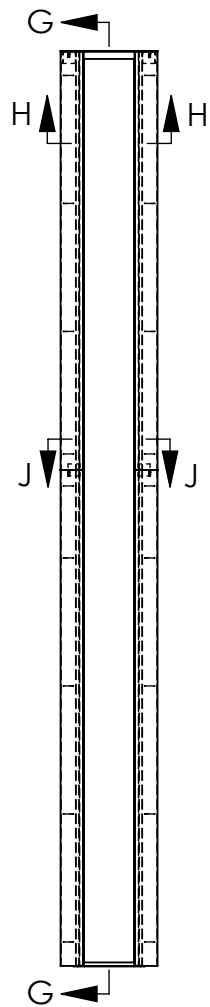
Part Number:
MAZ-P70-20-115-SKT-EF-001-UPRIGHT

WEIGHT = 860 lbs

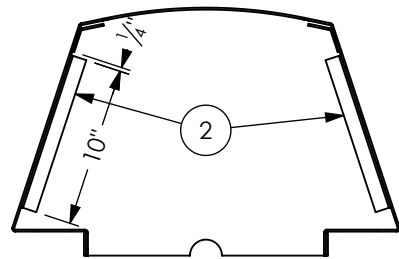
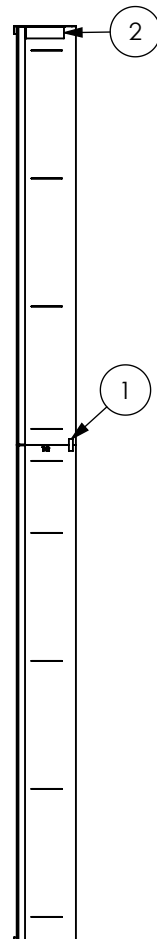
SCALE: 1:36

ANSI BASE DRAWING - VERSION: 19302

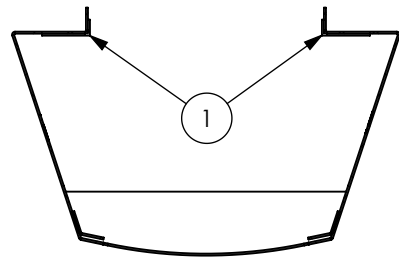
REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	51531	INITIAL RELEASE	12/20/2021	AP



SECTION G-G



SECTION H-H
SCALE 1 : 12

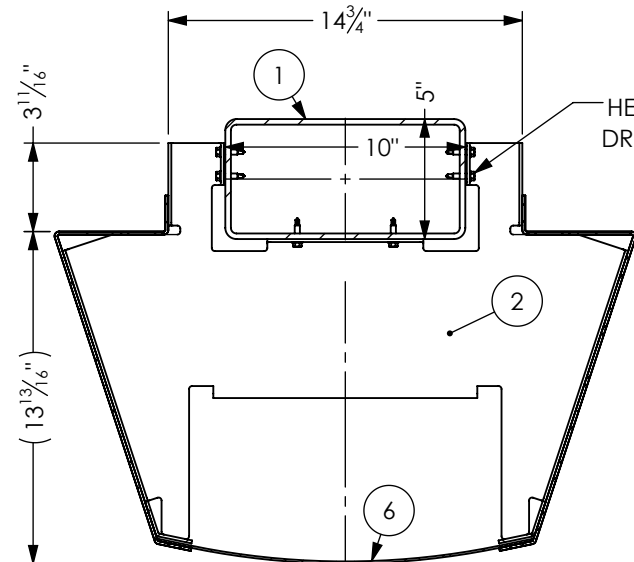


SECTION J-J
SCALE 1 : 12

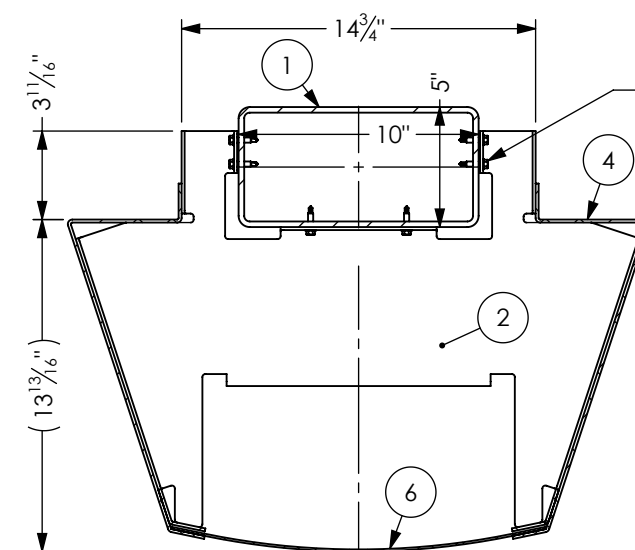
MAZ-P70-20-SKT-S-CAB-MISC
SIDE CABINET MISCELLANEOUS

WELDMENT CUT LIST

ITEM NO.	QTY.	DESCRIPTION	LENGTH	MATERIAL
1	2	AXAN 6063-T5 1 X 3 X 0.125	3"	3003 ALLOY
2	2	AXAN 6063-T5 1 X 3 X 0.125	10"	3003 ALLOY
3	1	SHEET		3003 ALLOY
4	1	SHEET		3003 ALLOY



SECTION B-B
SCALE 1 : 8



SECTION C-C
SCALE 1 : 8

SECTIONS FROM SHEET 1

#12X1.00
HEXHEAD STEEL
DRILLING SCREW

#12X1.00
HEXHEAD STEEL
DRILLING SCREW

BOM TABLE: MAZ-P70-20-115-SKT-EF-001-UPRIGHT			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	MAZ-P70-20-115-SKT-STL-2	STEEL UPRIGHT	1
2	MAZ-S-CAB-B-10-05-2	HEAD BAFFLE	7
3	MAZ-S-CAB-B-10-05-2A	HEAD BAFFLE WITH DOUBLERS	2
4	MAZ-P70-20-SKT-S-CAB-CLAD	SIDE CABINET CLADDING	1
5	MAZ-P70-20-SKT-S-CAB-MISC	SIDE CABINET MISCELLANEOUS	1
6	MAZ-P70-20-115-SKT-EF-001-S-LENS	.090" ALUM. LENS	1

Program/Customer:

MAZDA

Interior/Exterior: EXTERIOR

Sign Type: PYLON

Engineer: NICK CARRELL

Windspeed: 115 MPH IBC 2015

Illumination:

COMPLETE UPRIGHT

Voltage:

SCALE: 1:48

Part Number: MAZ-P70-20-115-SKT-EF-001-UPRIGHT



ANSI BASE DRAWING - VERSION: 1992

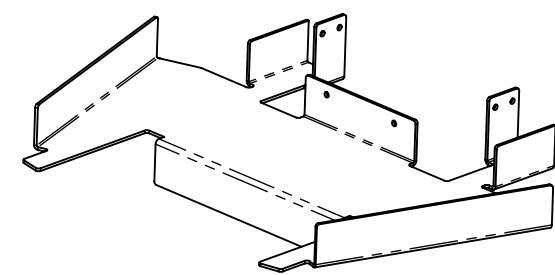
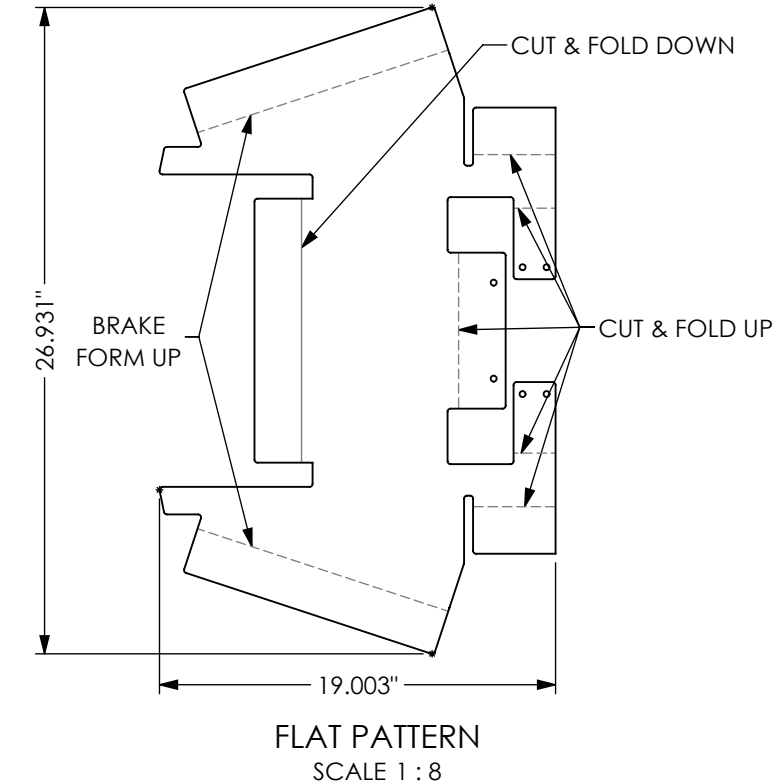
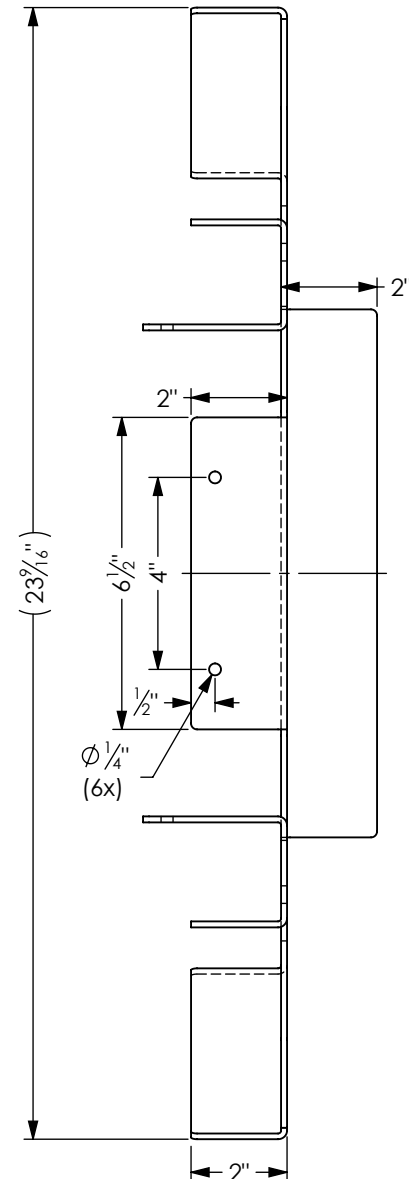
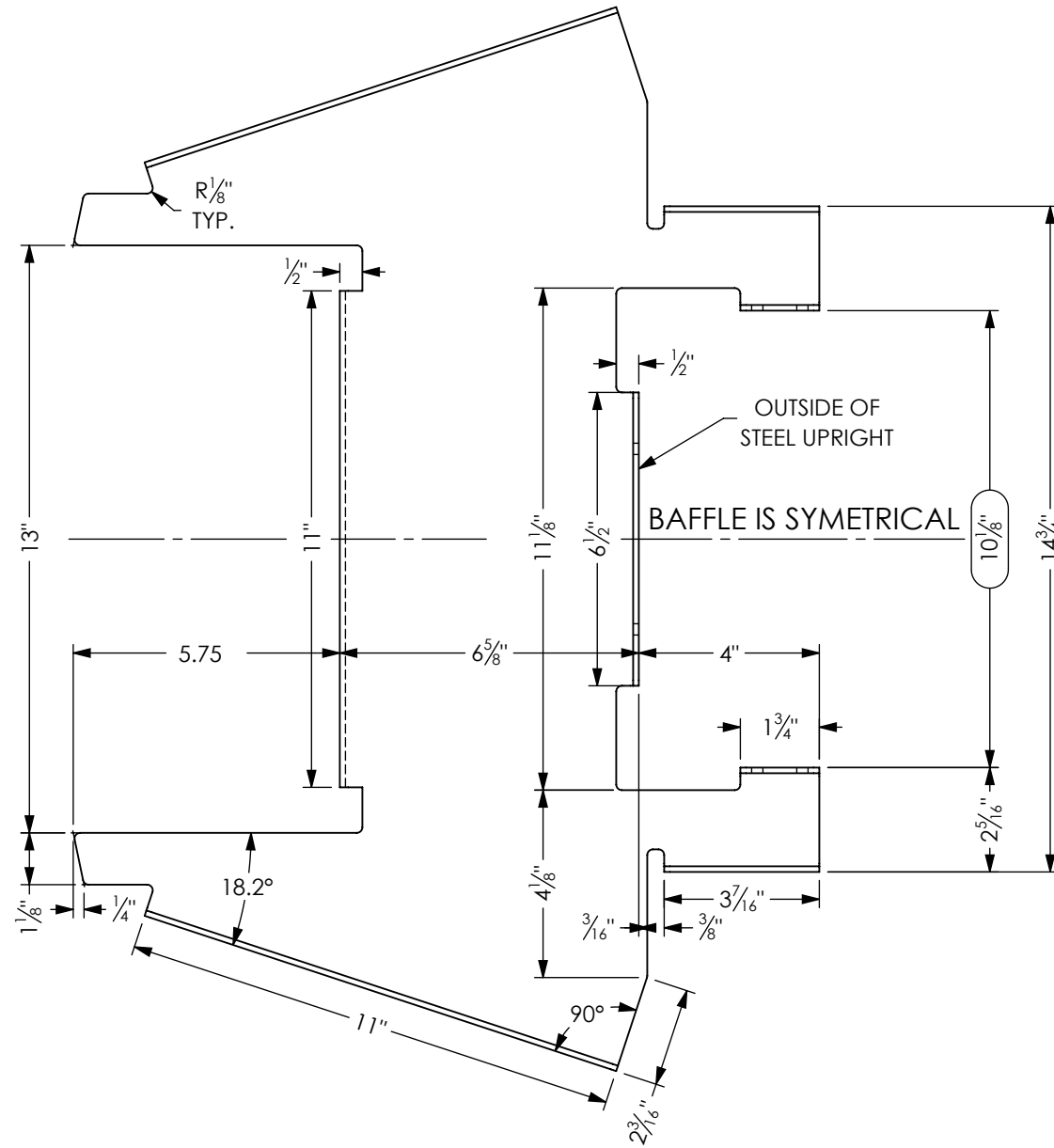
4

3


2

1

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	43051	INITIAL RELEASE	09/11/2020	TLW



WELDMENT CUT LIST	
DESCRIPTION	MATERIAL
PLATE, 1/8" x 16 1/2" x 26 15/16"	3003 Alloy

Program/Customer:		
Interior/Exterior:		
Sign Type:		
Engineer:		
Windspeed:		
Illumination:		
Voltage:	SCALE: 1:4	Description: HEAD BAFFLE Part Number: MAZ-S-CAB-B-10-05-2

WEIGHT = 3.4 lbs

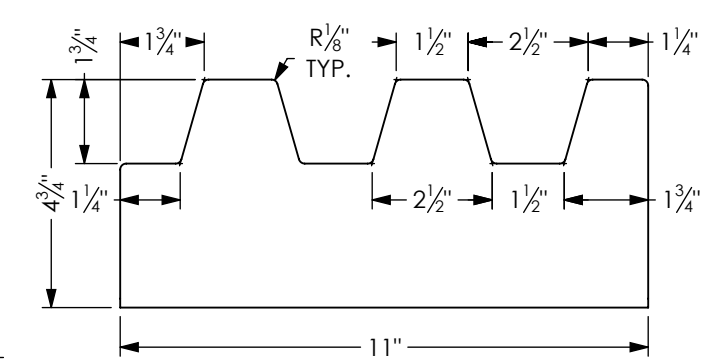
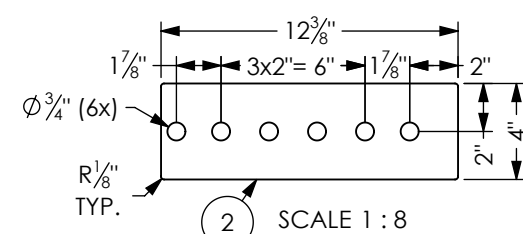
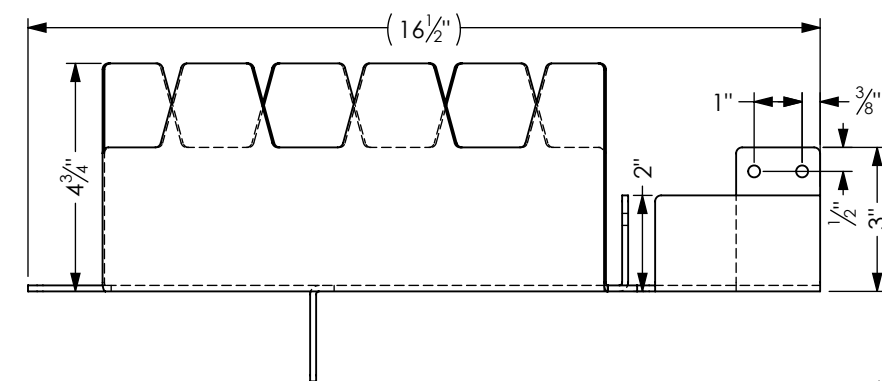
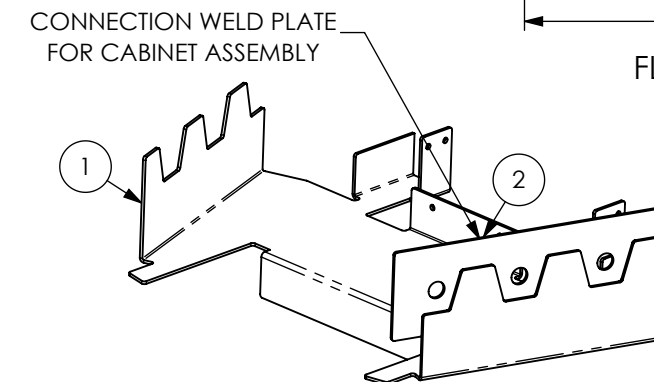
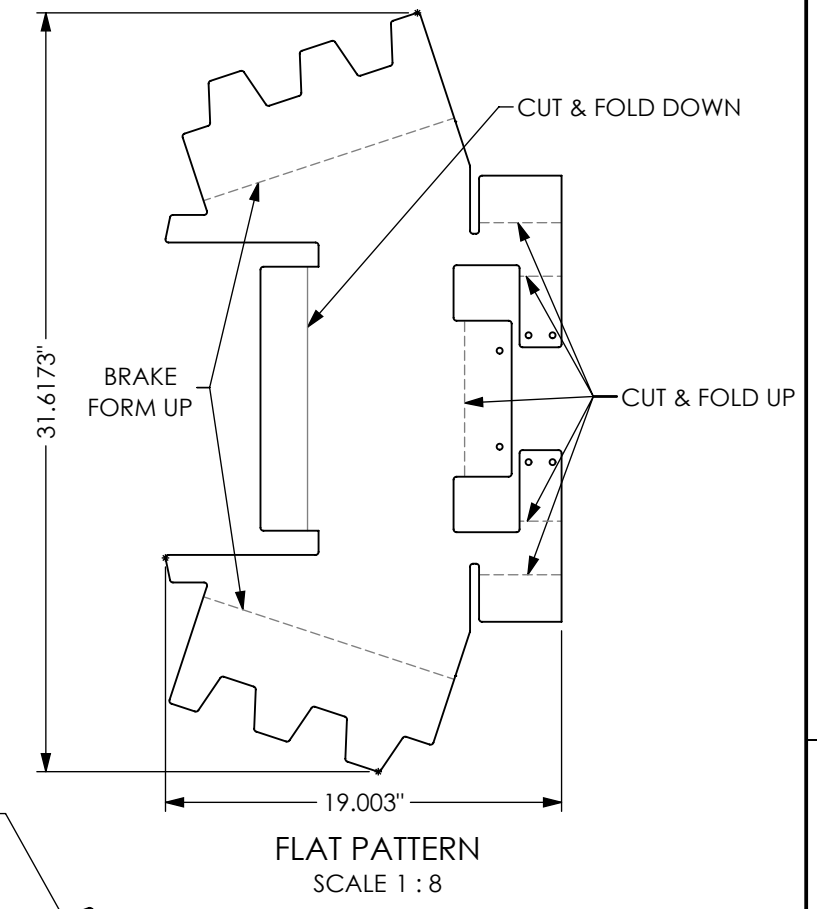
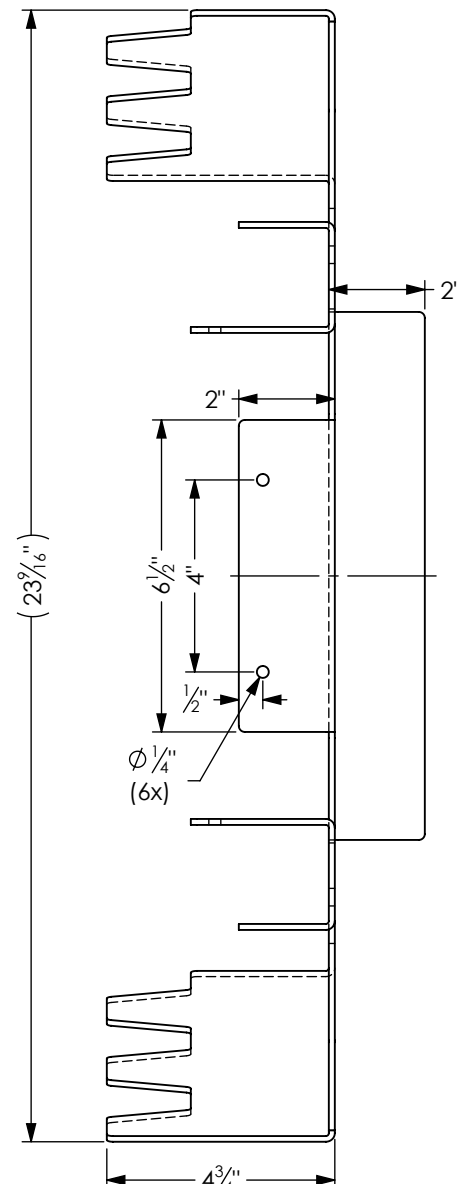
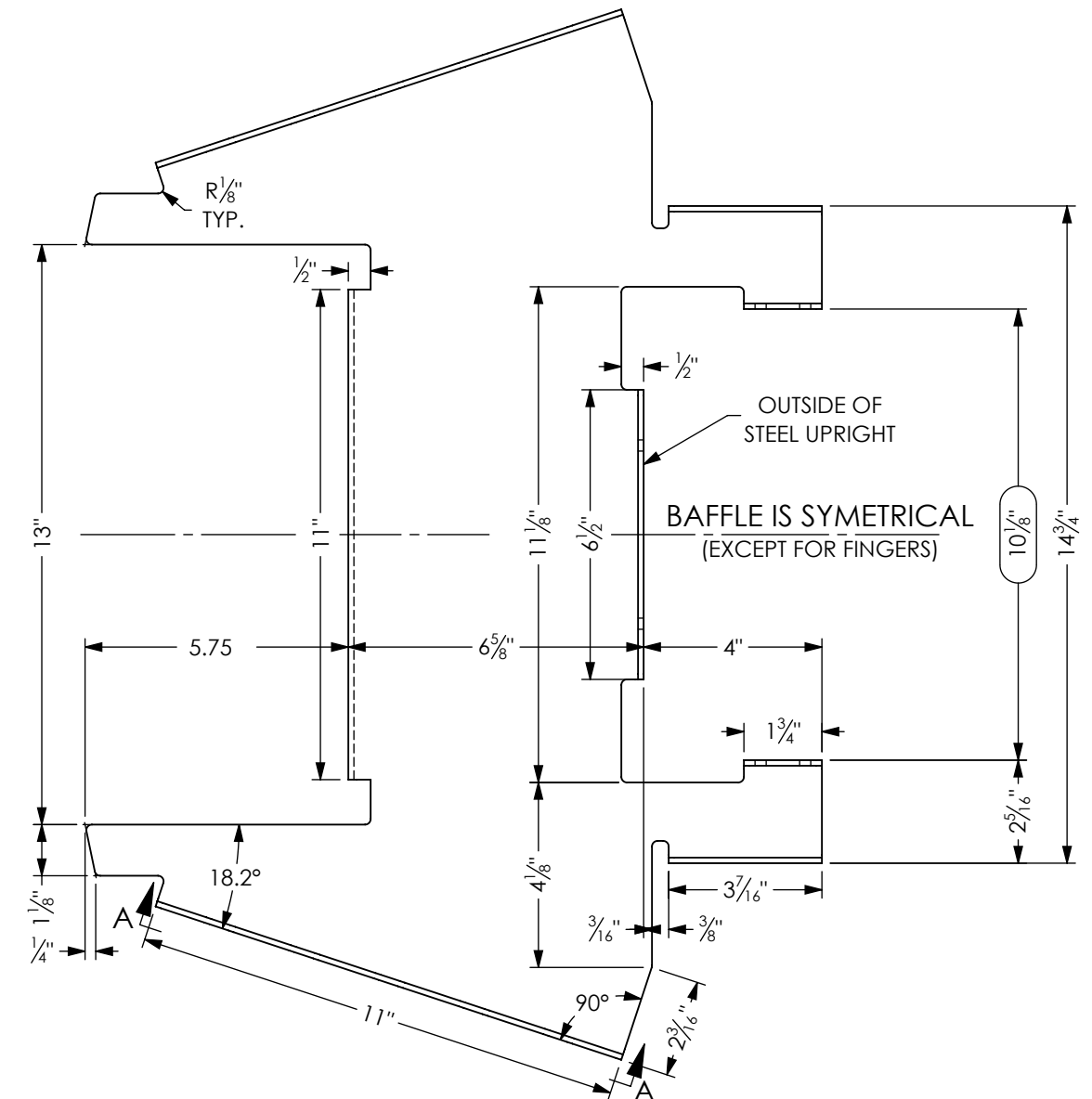
ANSI BASE DRAWING - VERSION: 19302

3

2

1

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	43051	INITIAL RELEASE	09/11/2020	TLW



SECTION A-A (OPPOSITE SIDE IS MIRROR OF THIS DETAIL)

WEIGHT = 4.4 lbs

WELDMENT CUT LIST			
ITEM	QTY.	DESCRIPTION	MATERIAL
1	1	PLATE, 1/8" x 16 1/2" x 31 5/8"	3003 Alloy
2	1	PLATE, 1/8" x 4" x 12 3/8"	3003 Alloy

Program/Customer:

Interior/Exterior:

Sign Type:

Engineer:

Windspeed:

Illumination:

Voltage:

SCALE: 1:4

AGI

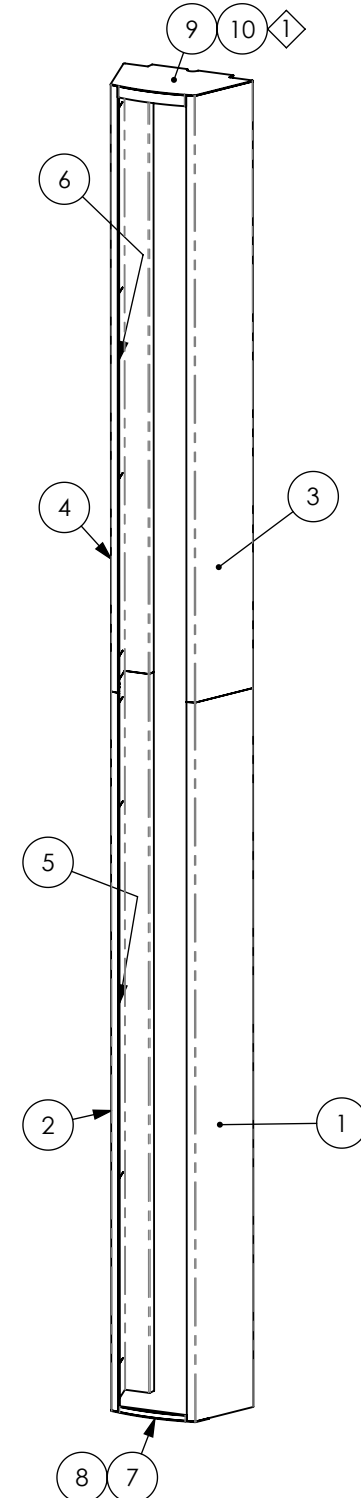
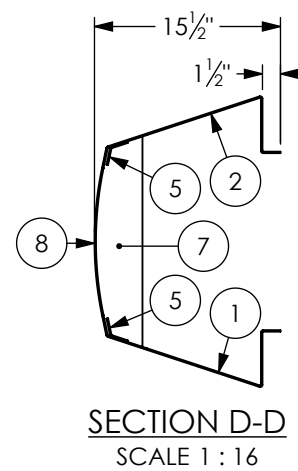
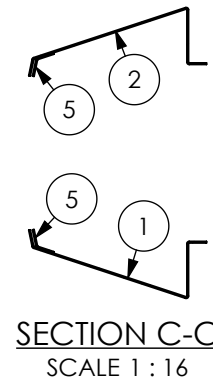
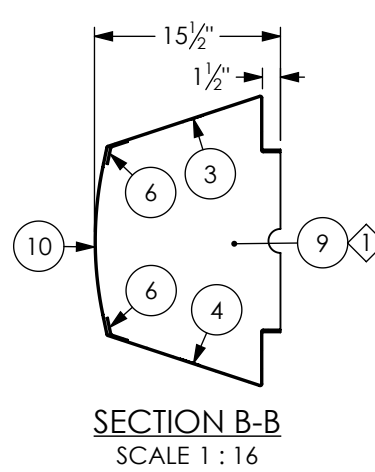
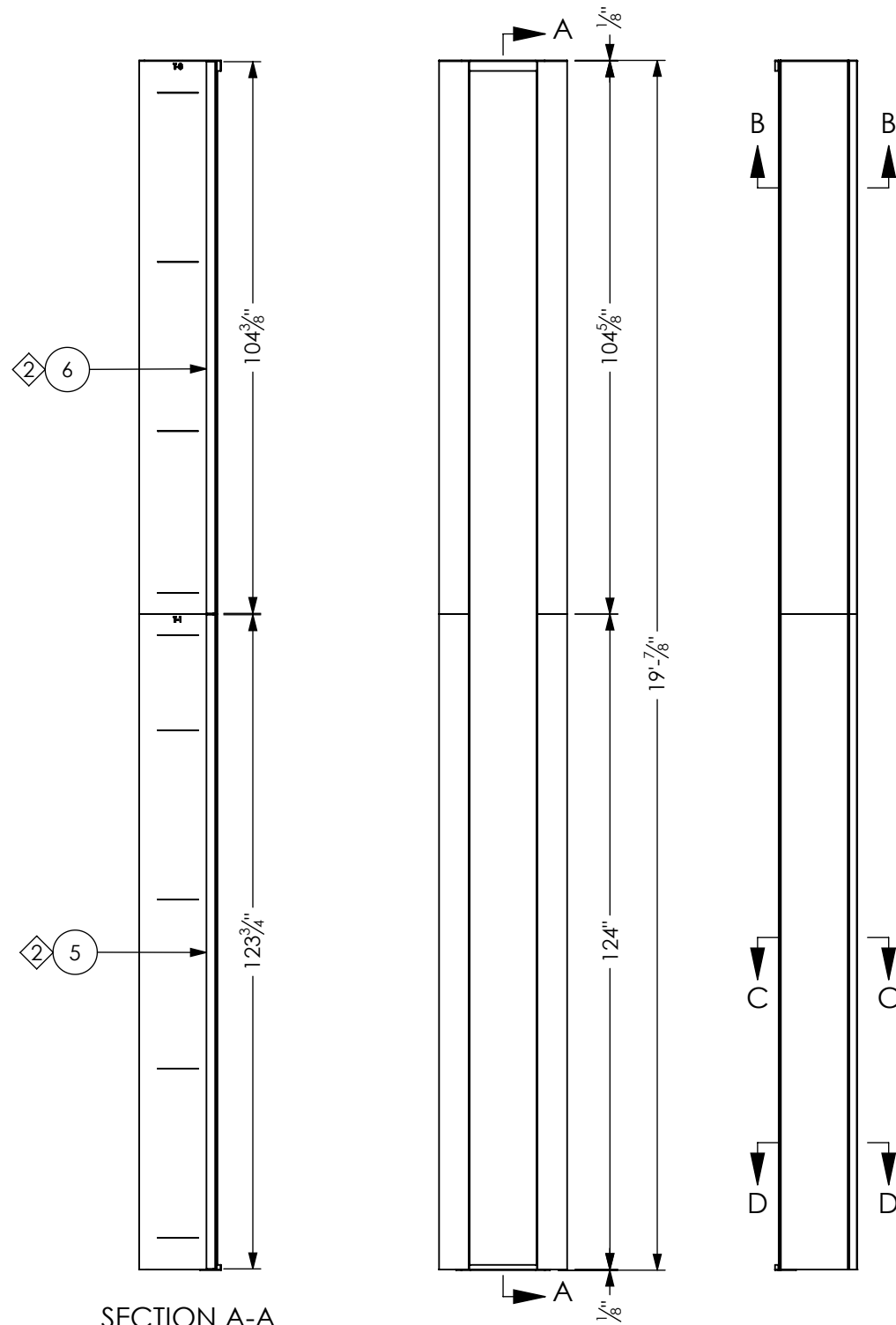
Description: HEAD BAFFLE WITH DOUBLERS

Part Number: MAZ-S-CAB-B-10-05-2A


NOTES:

- 1 REMOVABLE PANEL. ATTACH WITH #12 P.H.S.M. SCREWS.
- 2 LENS RETAINER ANGLES TO BE POSITIONED 1/8" FROM EACH END OF ATTACHING PANEL.

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE + REMOVED FASTENING HOLES	03/10/2020	AP



WELDMENT CUT LIST			
ITEM	QTY.	DESCRIPTION	MATERIAL
1	1	PLATE, 1/8" x 21" x 124"	3003 Alloy
2	1	PLATE, 1/8" x 21" x 124"	3003 Alloy
3	1	PLATE, 1/8" x 21" x 104 5/8"	3003 Alloy
4	1	PLATE, 1/8" x 21" x 104 5/8"	3003 Alloy
5	2	PLATE, 1/8" x 2 7/8" x 123 3/4"	3003 Alloy
6	2	PLATE, 1/8" x 2 7/8" x 104 3/8"	3003 Alloy
7	1	PLATE, 1/8" x 4" x 17 13/16"	3003 Alloy
8	1	PLATE, 13/16" x 7/8" x 12 7/8"	3003 Alloy
9	1	PLATE, 1/8" x 15 1/2" x 24 1/4"	3003 Alloy
10	1	PLATE, 13/16" x 1 7/8" x 12 7/8"	3003 Alloy

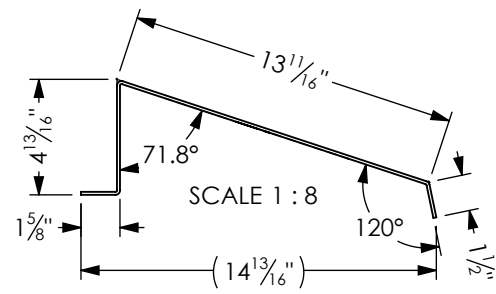
Program/Customer: MAZDA		
Interior/Exterior:		
Sign Type:		
Engineer:	NICK CARRELL	
Windspeed:		
Illumination:		
Voltage:		Description: SIDE CABINET CLADDING Part Number: MAZ-P70-20-SKT-S-CAB-CLAD

WEIGHT = 138 lbs

SCALE: 1:32

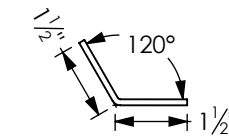
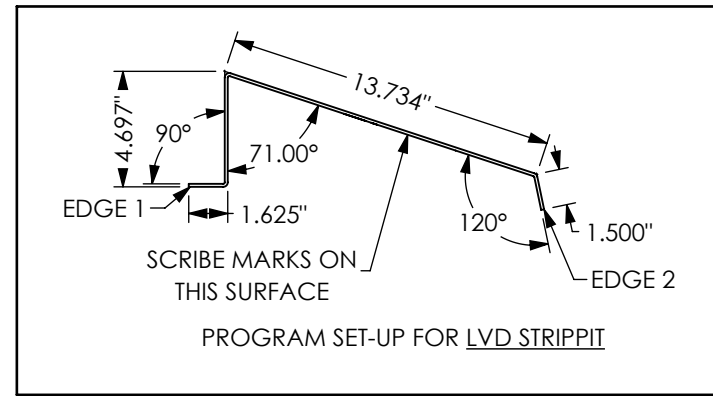
REVISIONS

ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE + REMOVED FASTENING HOLES	03/10/2020	AP



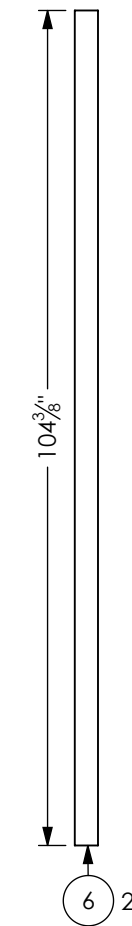
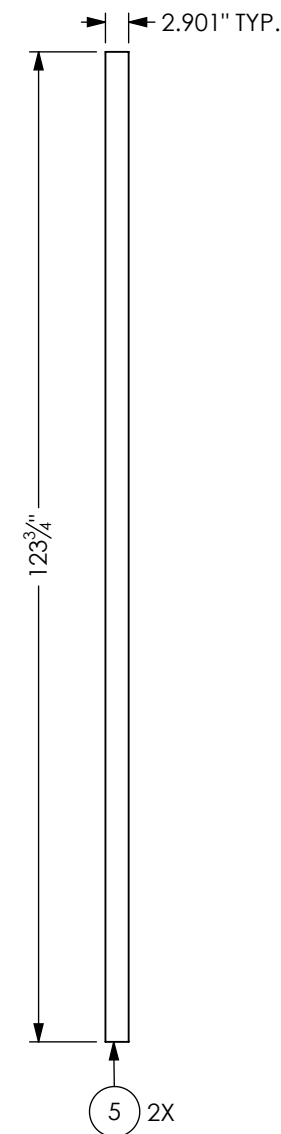
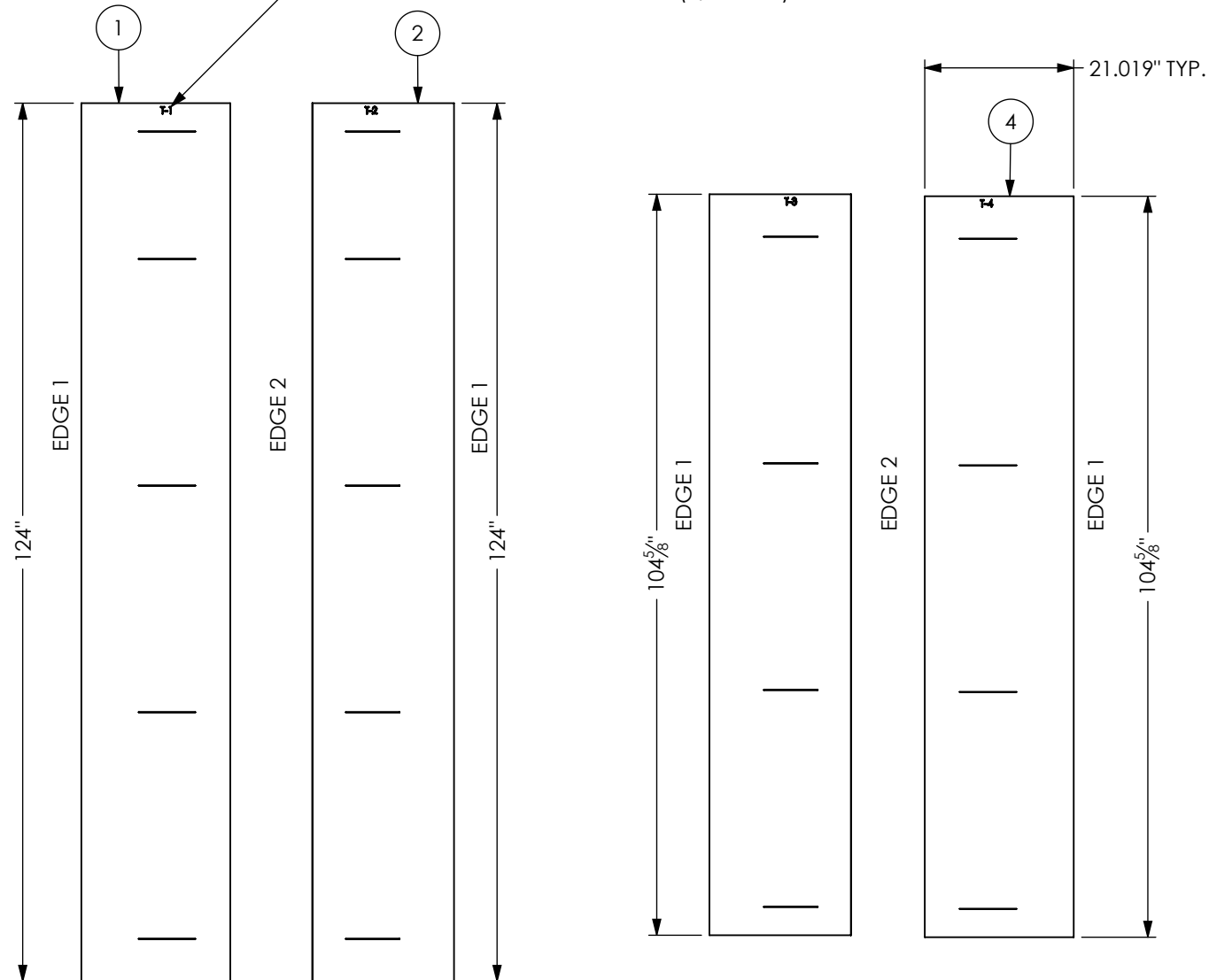
PROFILE FOR ALL OUTER SKIN PLATES

VERIFY USING GAGE
"MAZ-P100-S-CAB-OUTER-TEMPLATE"



SCALE 1 : 4
PROFILE FOR ALL RETAINER ANGLES

PANELS ETCHED WITH "T-1" (TOP OF PANEL 1)
&
MARKED FOR BAFFLE LOCATION (B/F EDGE)



Program/Customer:	
MAZDA	
Interior/Exterior:	
Sign Type:	
Engineer:	NICK CARRELL
Windspeed:	
Illumination:	
Voltage:	

AGI

Description:
SIDE CABINET CLADDING

Part Number:
MAZ-P70-20-SKT-S-CAB-CLAD

SCALE: 1:24

4

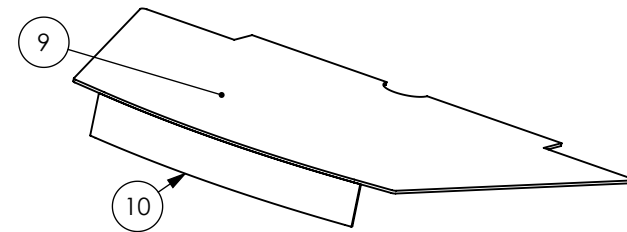
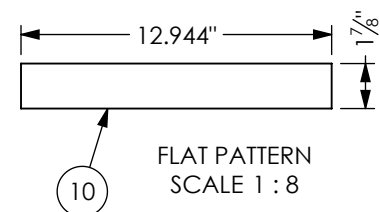
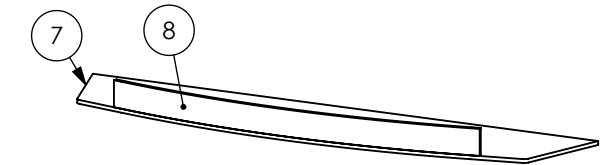
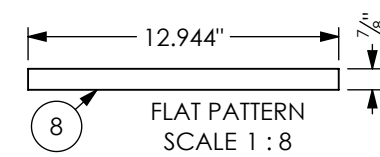
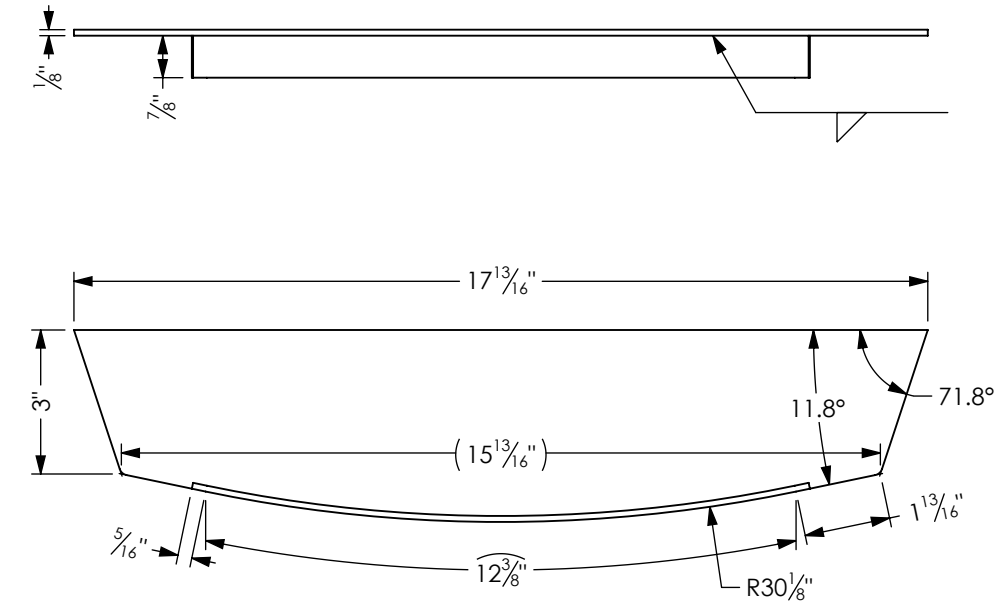
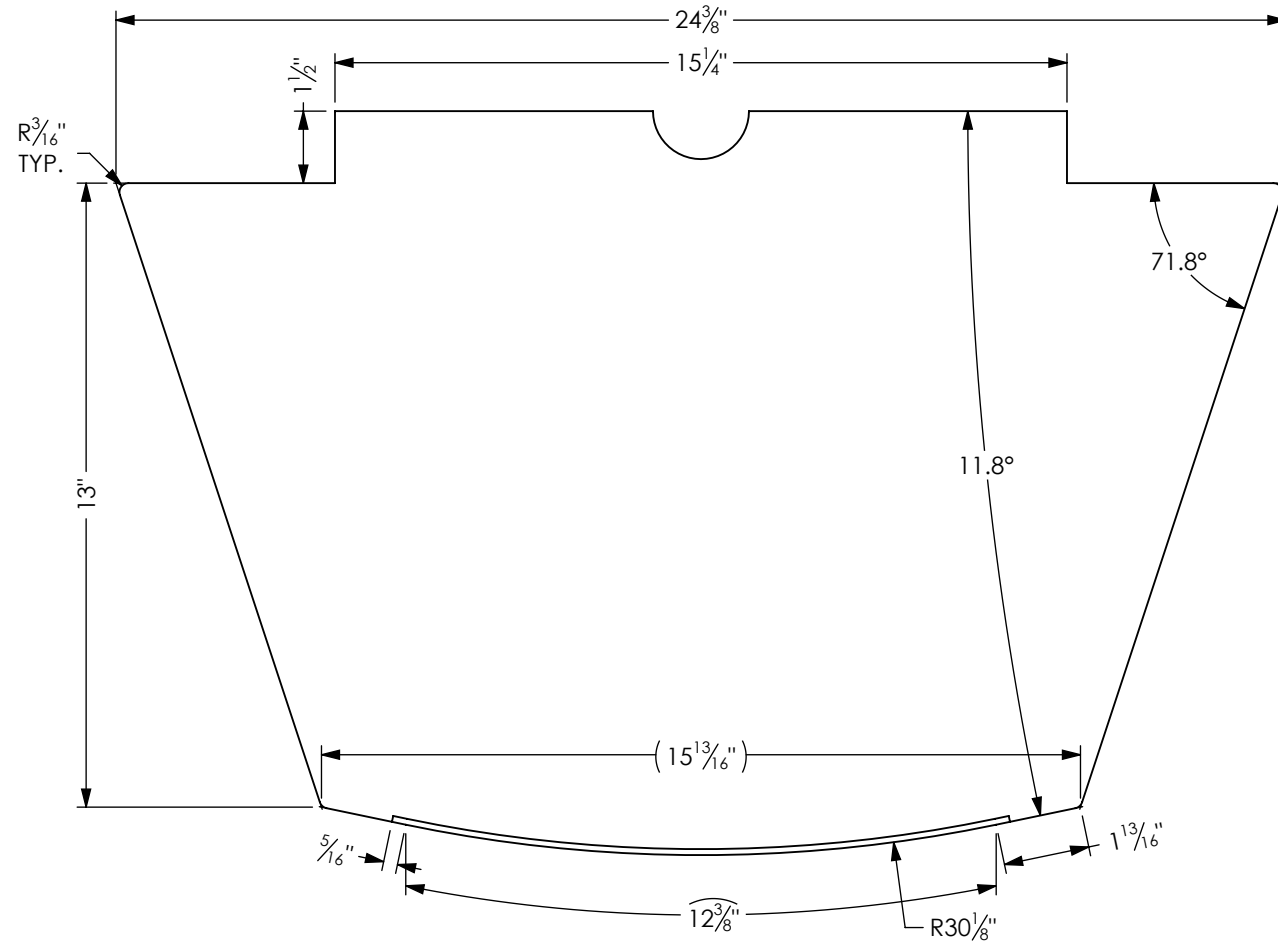
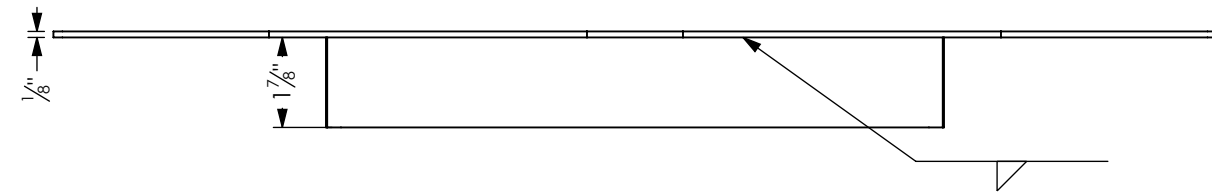
3

2

1

REVISIONS

ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	46038	INITIAL RELEASE + REMOVED FASTENING HOLES	03/10/2020	AP



Program/Customer:		MAZDA	
Interior/Exterior:			
Sign Type:			
Engineer:	NICK CARRELL		
Windspeed:			
Illumination:			
Voltage:		SCALE: 1:4	
		Description: SIDE CABINET CLADDING	
		Part Number: MAZ-P70-20-SKT-S-CAB-CLAD	



ANSI BASE DRAWING - VERSION: 1992

3

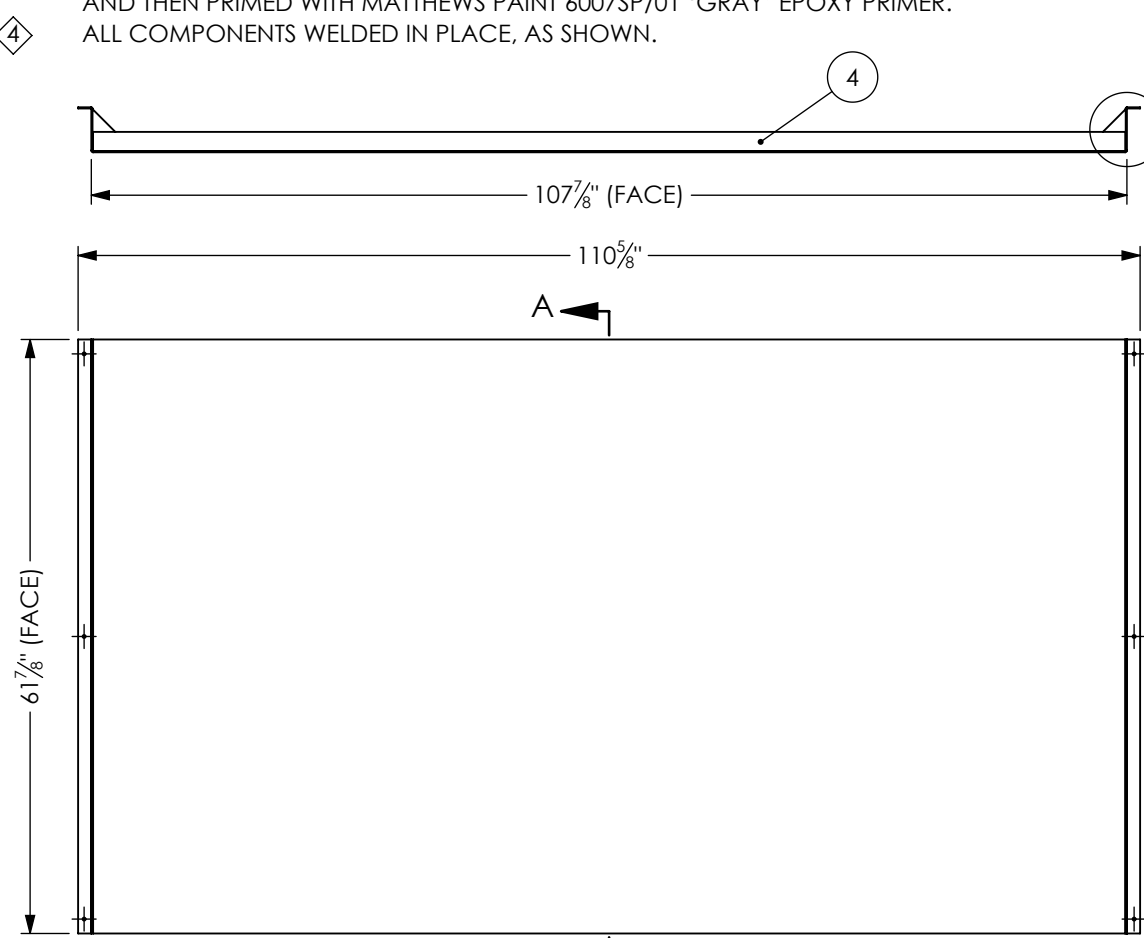
2

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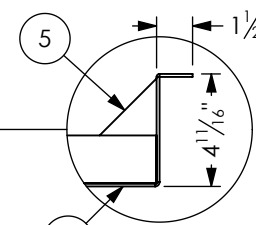
NOTES:

- 1 ADDITIONAL NEEDED DATA SHALL BE OBTAINED FROM CAD MODEL.
- 2 ALL EXTERNAL SURFACES TO BE PAINTED MAP SVOC3341SP/01.
- 3 ALL PAINTED SURFACES MUST BE SANDED, PRIMED WITH 74 734SP MATTHEWS PRETREATMENT SELF-ETCHING PRIMER AND THEN PRIMED WITH MATTHEWS PAINT 6007SP/01 'GRAY' EPOXY PRIMER.
- 4 ALL COMPONENTS WELDED IN PLACE, AS SHOWN.

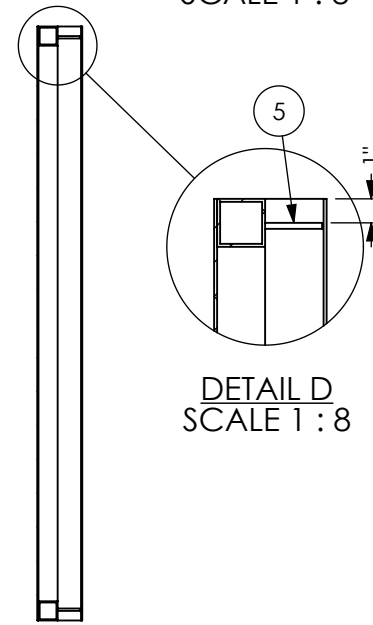
REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	45033	INITIAL RELEASE	03/10/2020	AP



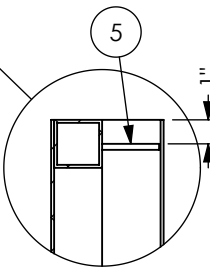
FRONT VIEW



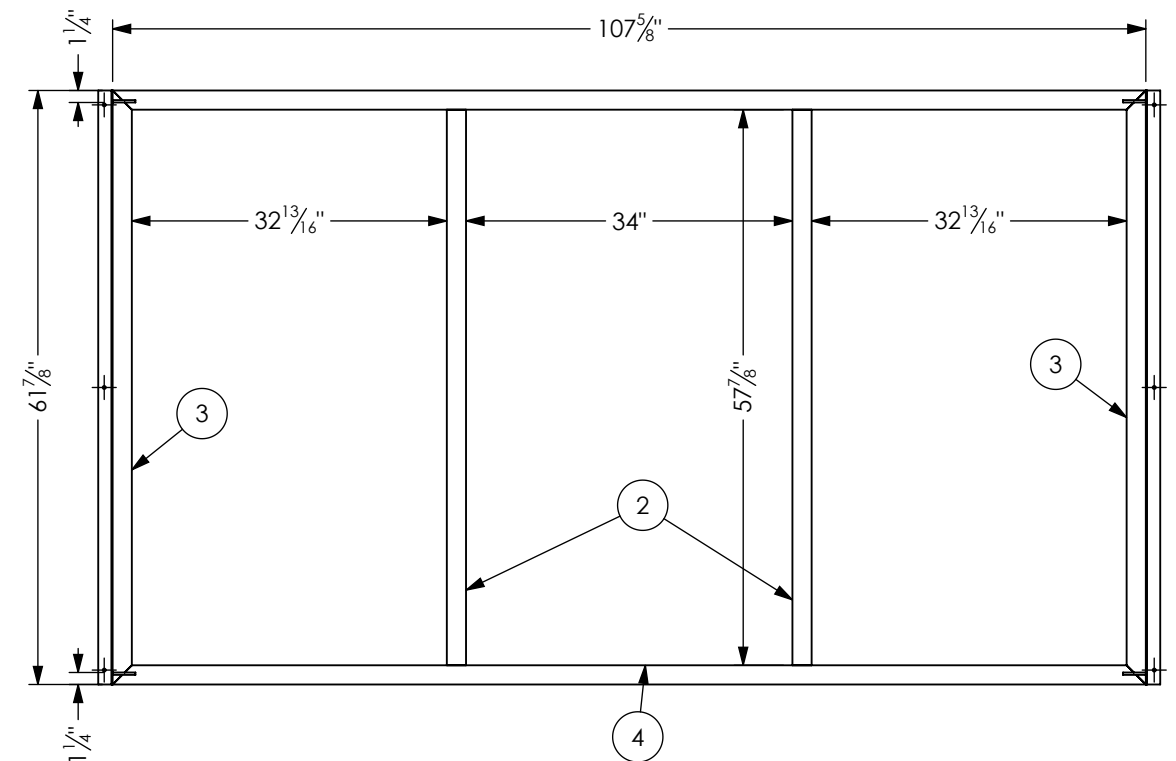
DETAIL C
SCALE 1 : 8



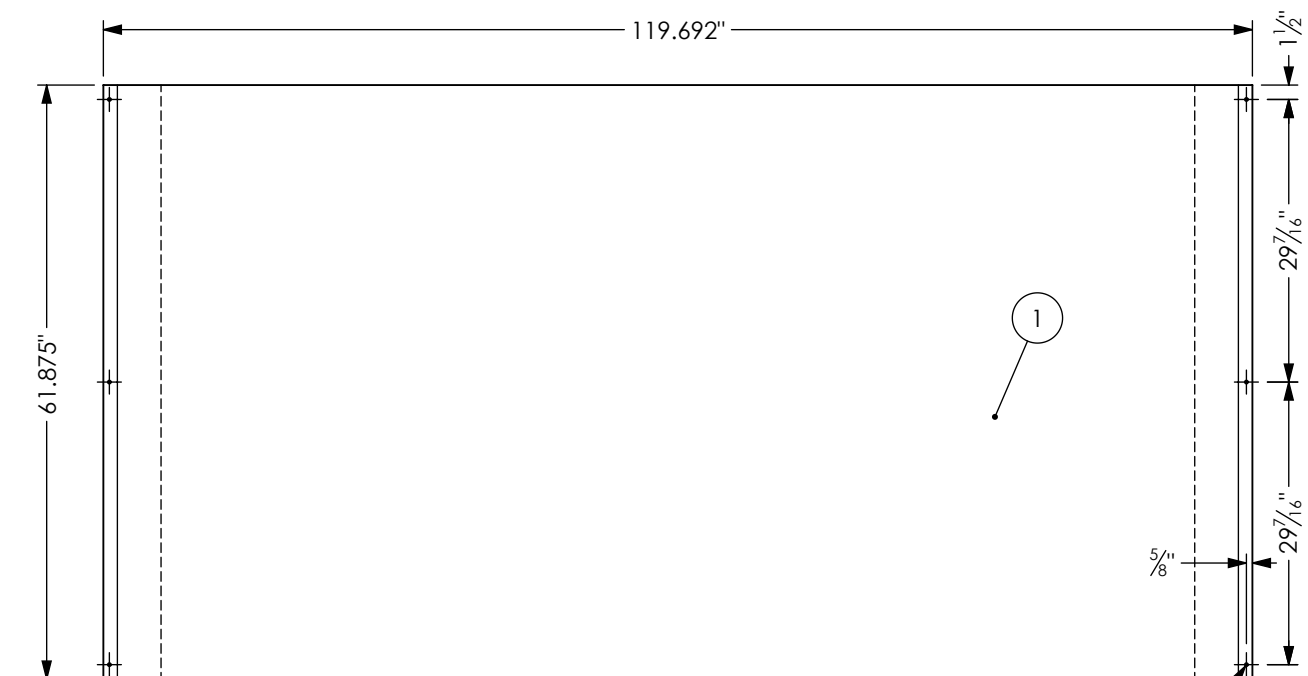
SECTION A-A



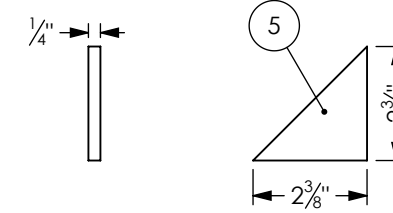
DETAIL D
SCALE 1 : 8



REAR VIEW




FLAT PATTERN



SCALE 1 : 4

Weldment Cut List				
ITEM NO.	QTY.	DESCRIPTION	LENGTH	MATERIAL
1	1	PLATE, 1/8" x 61 7/8" x 119 11/16"		3003 Alloy
2	2	AXSQT 6063-T5 2 X 2 X 0.125	57 7/8"	6063-T5
3	2	AXSQT 6063-T5 2 X 2 X 0.125	61 7/8"	6063-T5
4	2	AXSQT 6063-T5 2 X 2 X 0.125	107 5/8"	6063-T5
5	4	PLATE, 1/4" x 2 3/8" x 2 3/8"		3003 Alloy

Program/Customer: MAZDA	
Interior/Exterior:	EXTERIOR
Sign Type:	
Engineer:	NICK CARRELL
Windspeed:	
illumination:	
Voltage:	



Description:
SKIRT PANEL

Part Number:
MAZ-P70-SKT-61

WEIGHT = 131.346 lbs

SCALE: 1:20

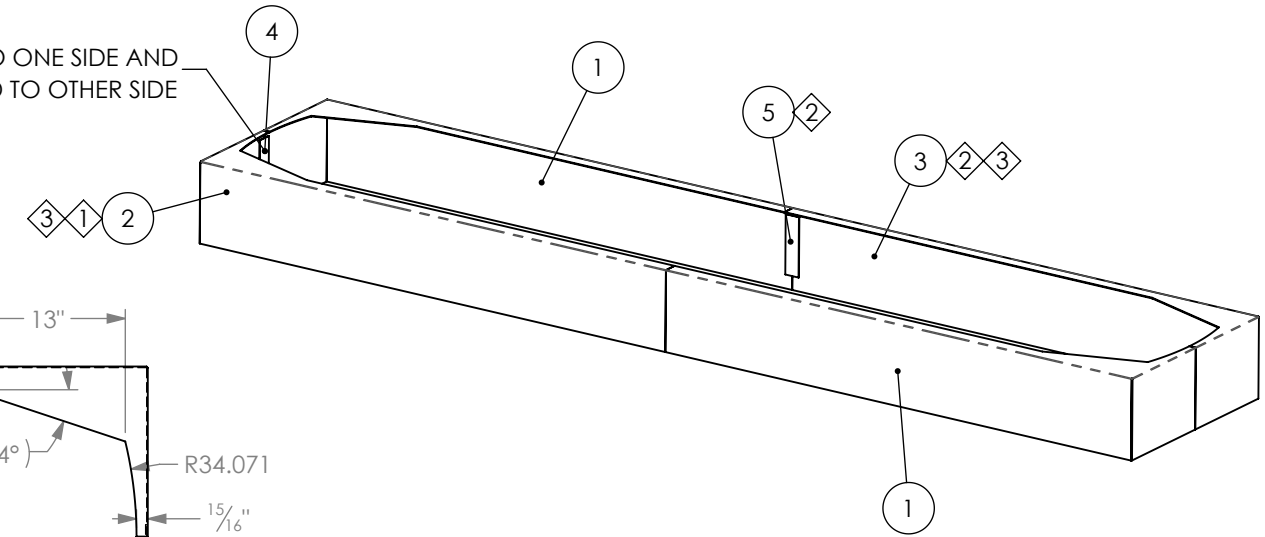
MAZ-P70-SKT-61

NOTES:

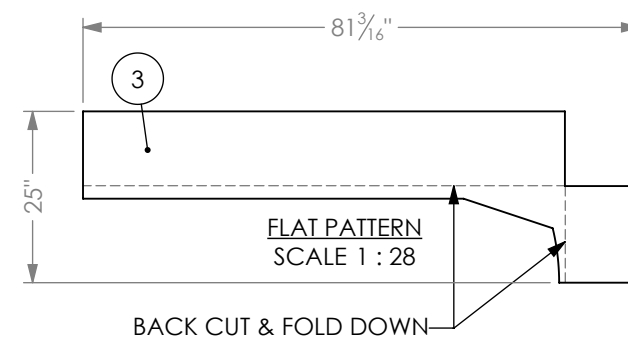
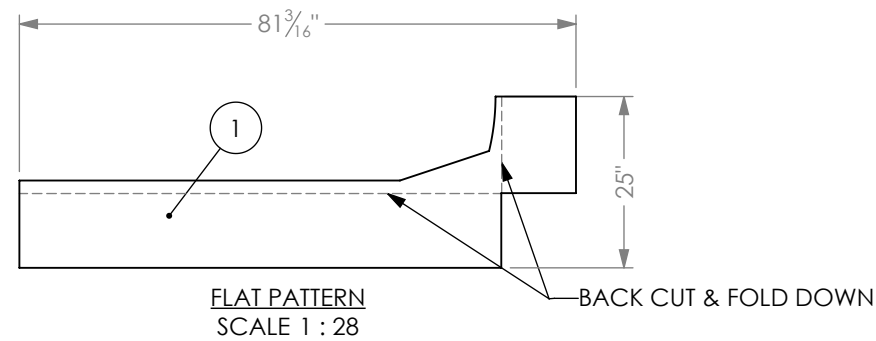
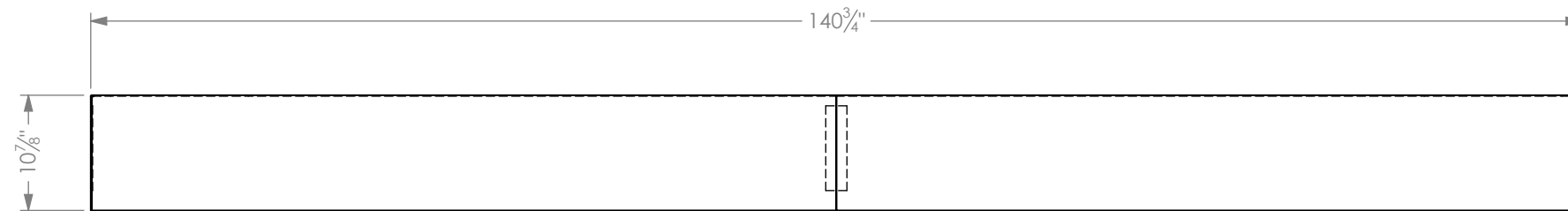
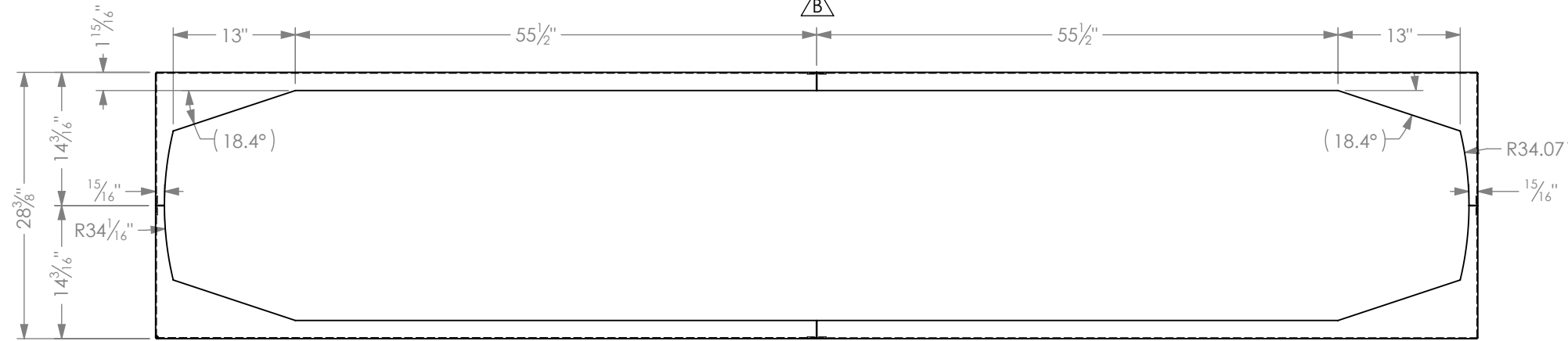
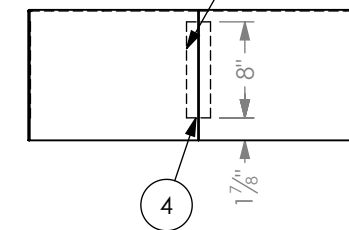
- ① ADDITIONAL NEEDED DATA SHALL BE OBTAINED FROM CAD MODEL.
- ② ALL EXTERNAL SURFACES TO BE PAINTED MAP SVOC3341SP/01.
- ③ ALL PAINTED SURFACES MUST BE SANDED, PRIMED WITH 74 734SP MATTHEWS PRETREATMENT SELF-ETCHING PRIMER AND THEN PRIMED WITH MATTHEWS PAINT 6007SP/01 'GRAY' EPOXY PRIMER.

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	43051	INITIAL RELEASE	10/01/2020	TLW
B3	B	46704/49843	FIXED CL DIMENSION OF SPREAD IN MODEL, ADDED SEAM	09/23/2021	DS

DOUBLER VERSILOCKED TO ONE SIDE AND MECHANICALLY FASTENED TO OTHER SIDE



VERSILOCKED TO ONE SIDE AND FASTENED WITH #8 X 3/4" LONG S.S.C.S. SHEET METAL SCREWS TO OTHER SIDE



WELDMENT CUT LIST			
1	2	PLATE, 0.09 X 24.983 X 81.17	3003 Alloy
2	1	PLATE, 0.09 X 24.983 X 81.17	3003 Alloy
3	1	PLATE, 0.09 X 24.983 X 81.17	3003 Alloy
4	2	PLATE, 0.09 x 2 x 8	3003 Alloy
5	2	PLATE, 0.09 x 2 x 8	3003 Alloy

Program/Customer:

MAZDA

Interior/Exterior:

Sign Type:

Engineer: NICK CARRELL

Windspeed:

Illumination:

Voltage:

SCALE: 1:16



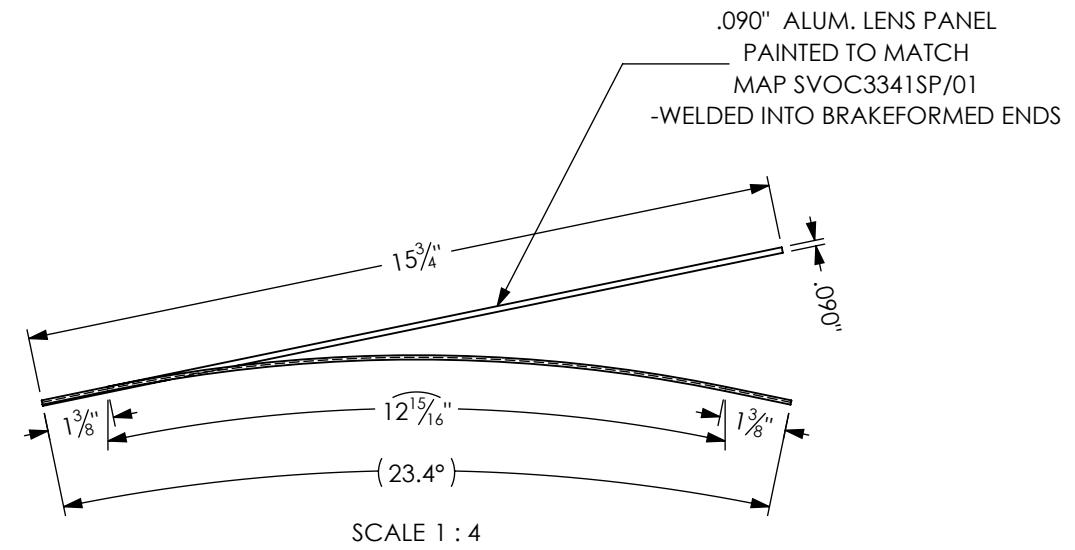
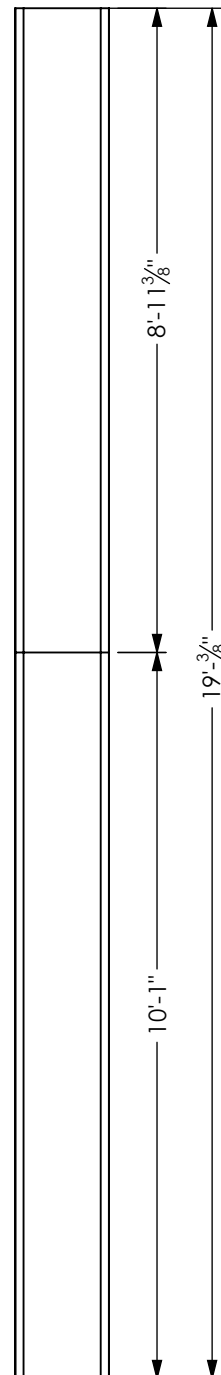
Description: BASE COVER SET


Part Number: MAZ-S-CAB-BC-SKT-P70

WEIGHT = 39 lbs

ANSI BASE DRAWING - VERSION: 1992

REVISIONS					
ZONE	REV.	ECR NUMBER	REV CHANGE	REV DATE	REV DRAFTER
	A	51531	INITIAL RELEASE	12/20/2021	AP



Program/Customer:		
MAZDA		
Interior/Exterior:		
Sign Type:		
Engineer:	NICK CARRELL	
Windspeed:		Description: .090" ALUM. LENS Part Number: MAZ-P70-20-115-SKT-EF-001-S-LENS
Illumination:		
Voltage:	SCALE: 1:48	

ANSI BASE DRAWING - VERSION: 1992