



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, FL 33175

T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Harry, LLC dba Architectural Louvers

266 West Michell Ave.

Cincinnati, OH 45232

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model 2G and 4G Indistruct Aluminum Frames for Louvers

APPROVAL DOCUMENT: Drawing No. **25-100**, titled "Indistruct Aluminum Framing", sheets 1 through 8 of 8, dated 06/30/2025, prepared by PPMF Inc., signed and sealed by Pedro M. De Figueiredo, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number & approval date by Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



09/05/25

NOA No. 25-0728.04

Expiration Date: September 4, 2030

Approval Date: September 4, 2025

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **25-100**, titled “Indistruct Aluminum Framing”, sheets 1 through 8 of 8, dated 06/30/2025, prepared by PPMF Inc., signed and sealed by Pedro M. De Figueiredo, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Structural calculations, prepared by PPMF Inc., dated 06/30/2025, signed and sealed by Pedro M. De Figueiredo, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 8th edition (2023) of the FBC and of no financial interest, issued by PPMF Inc., dated 06/30/2025, signed & sealed by Pedro M. De Figueiredo, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 25-0728.04
Expiration Date: September 4, 2030
Approval Date: September 4, 2025

INDISTRUCT ALUMINUM FRAMING

GENERAL NOTES:

FLORIDA BUILDING CODE 2023 (8th edition) HVHZ & NON HVHZ

- 1- CODE: THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH THE FBC 2023 - 8th edition INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2- DEFINITION: THIS PRODUCT IS AN ALUMINUM FRAMING SYSTEM DESIGNED AND CONSTRUCTED FOR THE PURPOSE OF PROVIDING SUPPORT FOR LOUVER SCREEN WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL.
- 3- LABELING:

"ARCHITECTURAL LOUVERS - CINCINNATI - OHIO
SERIES INDISTRUCT FRAMING SYSTEM
NON IMPACT RATED
MIAMI-DADE PRODUCT CONTROL APPROVED
- 4- LOADS: DESIGNED LOAD CALCULATED BASED ON THE ASCE 7-22 AND PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES HEREIN SPECIFIED. THE ASD DESIGN PRESSURES, AS DETERMINED FROM ASCE 7-22, ARE TO BE MULTIPLE BY 0.6
- 5- MATERIAL: ALL ALUMINUM PARTS TO BE 6063-T6 ALLOY OR AS NOTED ON THIS APPROVAL.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL.
- 7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
 - 7.1- THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE ATTACHED ENSURING PROPER ANCHORAGE.
 - 7.2- THE SITE SPECIFIC PROJECT CRITERIA. SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
 - 7.3- THAT THIS APPROVAL IS ADEQUATE FOR A SPECIFIC PROJECT.
- 8- DISSIMILAR MATERIALS: WHERE ALUMINUM IS IN CONTACT OR FASTENED TO DISSIMILAR MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, INSTALLATION SHALL MEET THE REQUIREMENTS OF CHAPTER M.7 OF THE ALUMINUM DESIGN MANUAL 2020.
- 9- UNITS: ALL UNITS ARE IN INCHES (IN) AND PRESSURES IN POUND PER SQUARE FEET (PSF)

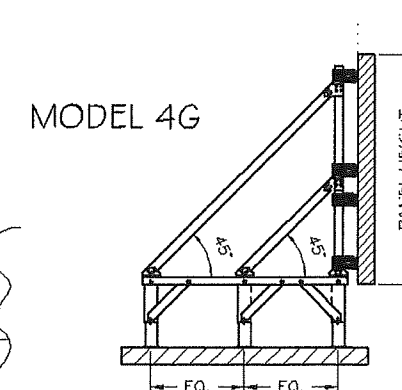
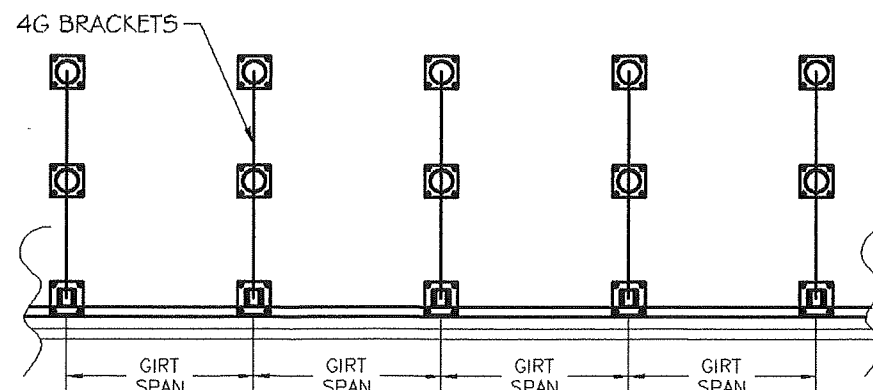
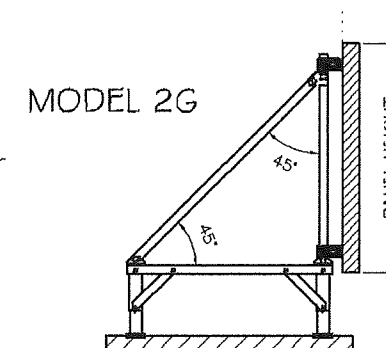
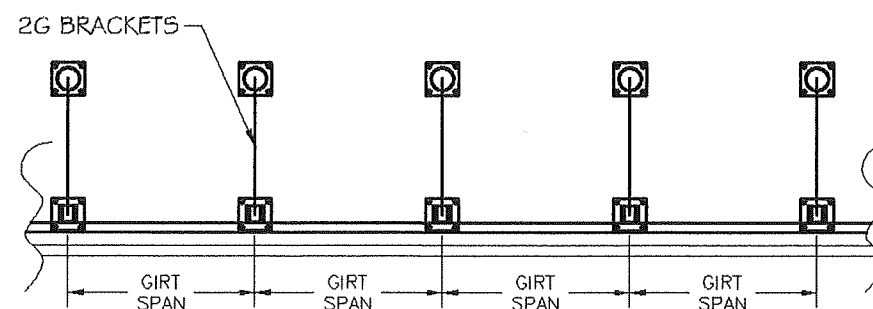
TABLE OF CONTENTS:

SHEET	DESCRIPTION
1	COVER SHEET, GENERAL NOTES, TABLE OF CONTENTS, TYPICAL FRAMING MODELS, USER INSTRUCTIONS
2	TABLE 1 - GIRTS DESIGN RATING SELECTION
3	TABLE 2 - 2G BRACKET DESIGN RATING SELECTION
4	TABLE 3 - 4G BRACKET DESIGN RATING SELECTION
5	BRACKETS STUB PIPE COLUMNS ANCHORAGE TO SUBSTRATE
6	BRACKET ASSEMBLY DETAILS - 2G AND 4G
7	BRACKET ASSEMBLY DETAILS - 4G
8	PRODUCT COMPONENTS AND BILL OF MATERIALS

GUIDELINES TO USE INSTRUCTIONS:

- 1- DETERMINE THE SITE SPECIFIC ASD DESIGNED PRESSURES FOR THE DESIRED SYSTEM USING GENERAL NOTES #4.
- 2- VERIFY GIRTS SPANS AND PRESSURES USING TABLE 1 ON SHEET 2.
- 3- SELECT DESIRED BRACKET USING TABLES 2 OR 3 FUNCTION OF THE HEIGHT OF THE LOUVER PANEL. USE 2G BRACKETS FOR LOUVER PANEL HEIGHT SMALLER THAN 78" AND 4G BRACKETS FOR LOUVER PANEL HEIGHT BETWEEN 78" AND 144".
- 4- DESIGN ASD PRESSURES MUST BE LESS OR EQUAL THAN TO VALUES ON TABLE 1, 2 AND 3. MAXIMUM DESIGN PRESSURES ARE LIMITED TO 150 PSF.
- 5- MAXIMUM LOUVER PANEL HEIGHT SHALL NOT EXCEED 144".
- 6- STRUCTURAL SUBSTRATE TO BE VERIFIED BY OTHERS FOR IMPOSED LOADS.

TYPICAL FRAMING MODELS



MANUFACTURER:

HARRAY, LLC, dba
**ARCHITECTURAL
LOUVERS**

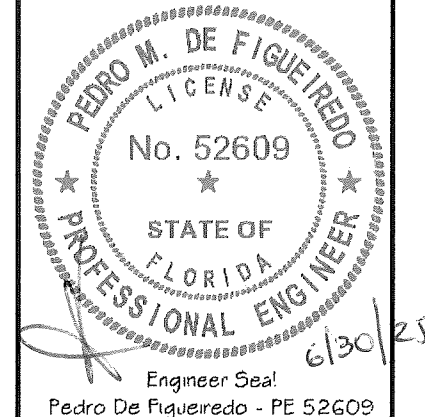
266 W. MITCHELL AVE.
CINCINNATI, OHIO 45232
PH: (888) 568-8371
FX: (888) 568-8370

PRODUCT:

**INDISTRUCT
ALUMINUM
FRAMING**

ENGINEERING:

PPMF INC. CA 32459
631 SEAPORT BLVD.
CAPE CANAVERAL, FL 32920
PPMF@AOL.COM



MIAMI-DADE BCCO:

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **25-0728.04**

Approval Date **09/04/2025**

By 
Miami-Dade Product Control

DATE: 06/28/2025
SCALE: NA
DESIGN BY: PPMF

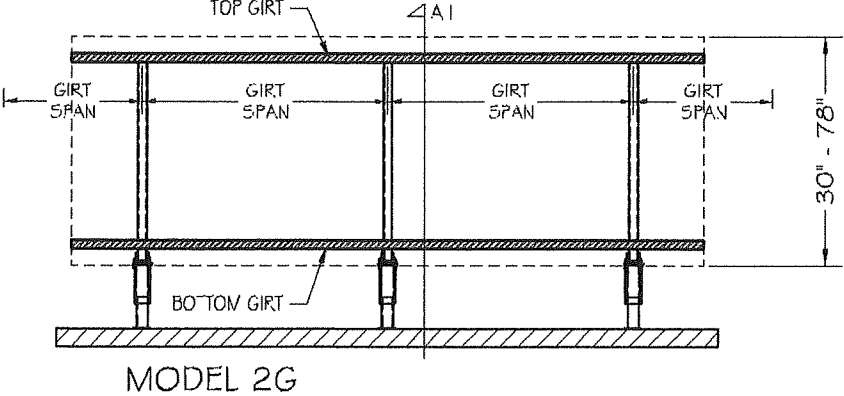
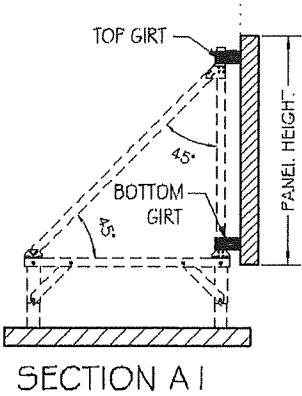
SHEET
1 OF 8

DRAWING #:
25-100

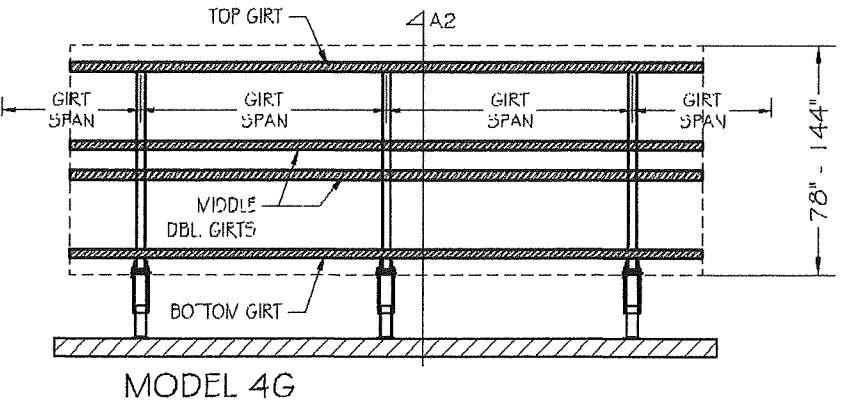
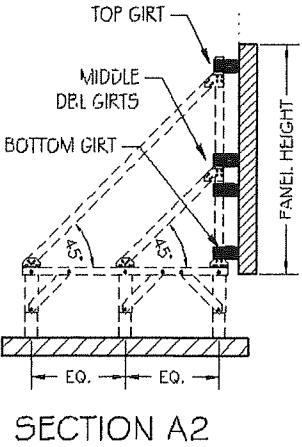
DESIGN TABLE 1
GIRT DESIGN RATING SELECTION

TABLE 1 - DESIGN LOAD FUNCTION OF GIRT SPAN					
PANEL HEIGHT (IN)	GIRT SPAN (IN)	MODEL 2G Two Girts Rating (PSF)	PANEL HEIGHT (IN)	GIRT SPAN (IN)	MODEL 4G Four Girts Rating (PSF)
30	60	150	78	60	150
	120	150		120	150
36	60	150	90	60	150
	120	150		120	150
42	60	150	102	60	150
	108	150		108	150
	120	150		120	141
48	60	150	114	60	150
	96	150		96	150
	108	150		108	141
	120	150		120	126
54	60	150	120	60	150
	72	150		72	150
	84	150		84	150
	96	150		96	150
	108	148		108	133
	120	133		120	120
60	60	150	126	60	150
	72	150		72	150
	84	150		84	150
	96	150		96	143
	108	133		108	127
66	60	150	132	60	150
	72	150		72	150
	84	150		84	150
	96	137		96	137
	108	121		108	121
72	60	150	138	60	150
	72	150		72	150
	84	143		84	149
	96	125		96	131
	108	111		108	116
78	60	150	144	60	150
	72	150		72	150
	84	132		84	143
	96	116		96	125
	108	103		108	111
	120	92		120	100

SEE TABLE 2 FOR 2G BRACKET DESIGN RATING



SEE TABLE 3 FOR 4G BRACKET DESIGN RATING



MANUFACTURER:

HARRAY, LLC, dba
ARCHITECTURAL
D.O.U.V.E.R.S

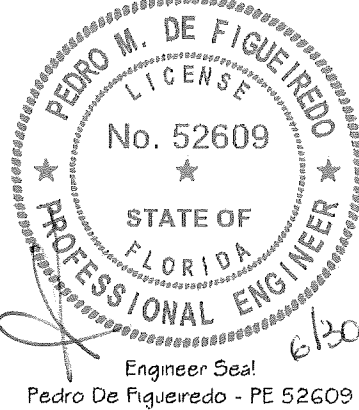
266 W. MITCHELL AVE.
CINCINNATI, OHIO 45232
PH: (888) 568-8371
FX: (888) 568-8370

PRODUCT:

INDISTRUCT
ALUMINUM
FRAMING

ENGINEERING:

PPMF INC. CA 32459
631 SEAPORT BLVD.
CAPE CANAVERAL, FL 32920
PPMF@AOL.COM



MIAMI-DADE BCCO:

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **25-0728.04**

Approval Date **09/04/2025**

By *[Signature]*
Miami-Dade Product Control

DATE: 06/28/2025
SCALE: NA
DESIGN BY: PPMF

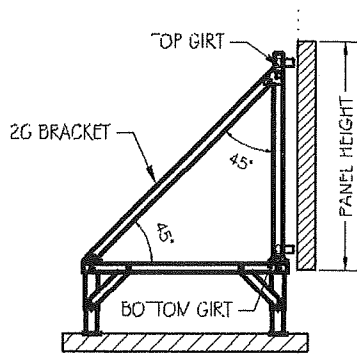
SHEET
2 OF 8

DRAWING #:
25-100

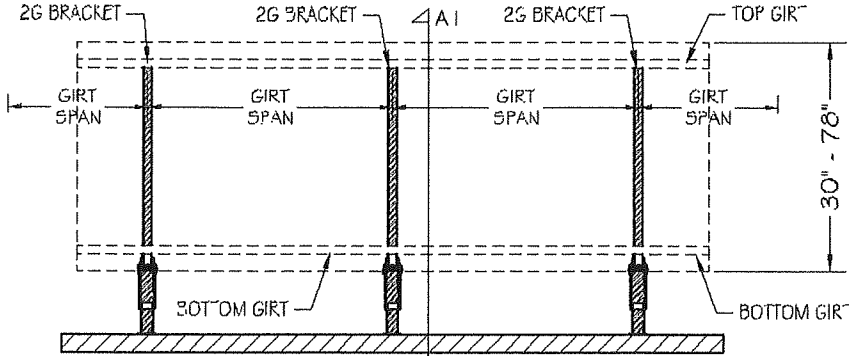
DESIGN TABLE 2 - 2G BRACKET
DESIGN RATING SELECTION

PANEL HEIGHT (IN)	GIRT SPAN (IN)	MODEL 2G Two Girts Rating (PSF)
30	60	150
	72	150
	84	150
	96	150
	108	138
	120	124
36	60	150
	72	150
	84	150
	96	140
	108	124
	120	112
42	60	150
	72	150
	84	139
	96	121
	108	108
	120	97
48	60	123
	72	102
	84	88
	96	77
	108	68
	120	61
54	60	87
	72	72
	84	62
	96	54
	108	48
	120	43

PANEL HEIGHT (IN)	GIRT SPAN (IN)	MODEL 2G Two Girts Rating (PSF)
60	60	71
	72	59
	84	50
	96	44
	108	39
	120	35
66	60	62
	72	52
	84	44
	96	39
	108	35
	120	31
72	60	57
	72	48
	84	41
	96	36
	108	32
	120	29
78	60	54
	72	45
	84	38
	96	34
	108	30
	120	27

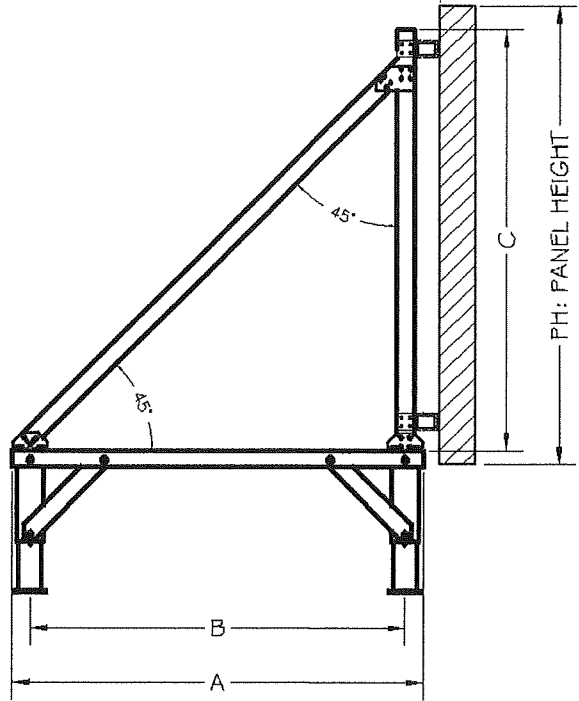


SECTION A1



MODEL 2G

PANEL HEIGHT PH (IN)	A (IN)	B (IN)	C (IN)
78	72	66	70
72	66	60	64
66	60	54	58
60	54	48	52
54	48	42	46
48	42	36	40
42	36	30	34
36	30	24	28
30	24	18	22



MANUFACTURER:

HARRAY, LLC, dba
ARCHITECTURAL
O·U·V·E·R·S

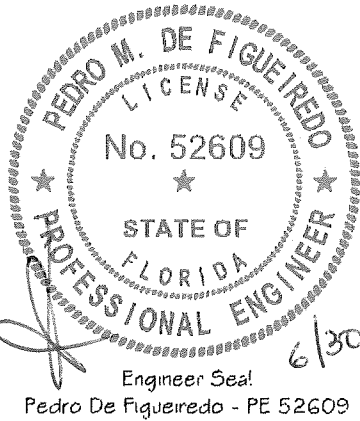
266 W. MITCHELL AVE.
CINCINNATI, OHIO 45232
PH: (888) 568-8371
FX: (888) 568-8370

PRODUCT:

INDISTRUCT
ALUMINUM
FRAMING

ENGINEERING:

PPMF INC. CA 32459
631 SEAPORT BLVD.
CAPE CANAVERAL, FL 32920
PPMF@AOL.COM



MIAMI-DADE BCCO:

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **25-0728.04**

Approval Date **09/04/2025**

By *[Signature]*
Miami-Dade Product Control

DATE: 06/28/2025
SCALE: NA
DESIGN BY: PPMF

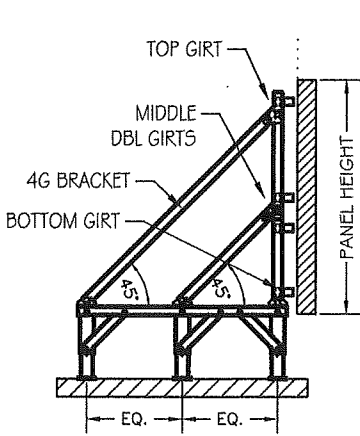
SHEET
3 OF 8

DRAWING #:
25-100

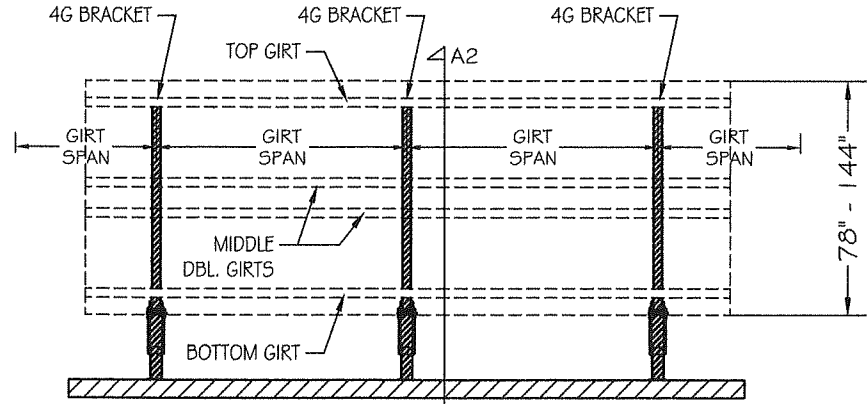
DESIGN TABLE 3 - 4G BRACKET
DESIGN RATING SELECTION

PANEL HEIGHT (IN)	GIRT SPAN (IN)	MODEL 4G Four Girts Rating (PSF)
78	60	133
	72	111
	84	95
	96	83
	108	74
	120	67
84	60	121
	72	101
	84	86
	96	75
	108	67
	120	60
90	60	102
	72	85
	84	73
	96	64
	108	57
	120	51
96	60	89
	72	74
	84	63
	96	55
	108	49
	120	44
102	60	79
	72	66
	84	57
	96	49
	108	44
	120	40
108	60	73
	72	61
	84	52
	96	45
	108	40
	120	36

PANEL HEIGHT (IN)	GIRT SPAN (IN)	MODEL 4G Four Girts Rating (PSF)
114	60	67
	72	56
	84	48
	96	42
	108	37
	120	34
120	60	64
	72	53
	84	45
	96	40
	108	35
	120	32
126	60	59
	72	49
	84	42
	96	37
	108	33
	120	30
132	60	55
	72	46
	84	40
	96	35
	108	31
	120	28
138	60	54
	72	45
	84	38
	96	34
	108	30
	120	27
144	60	52
	72	43
	84	37
	96	32
	108	29
	120	26

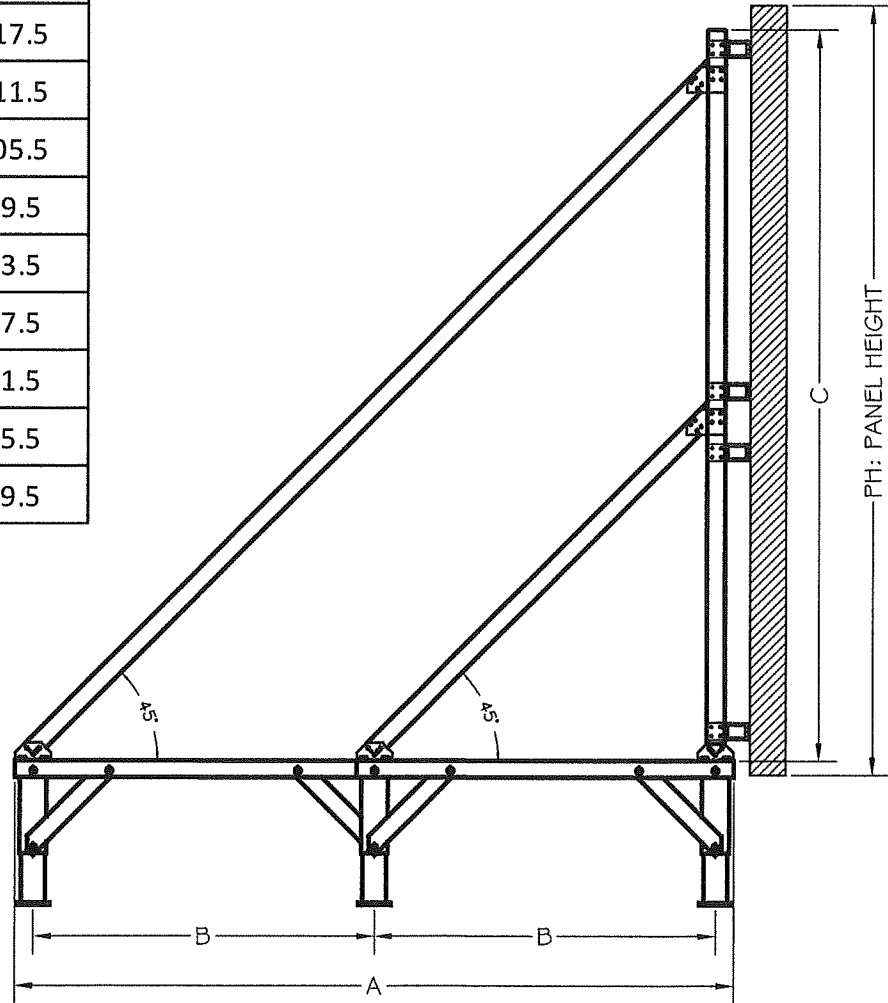


SECTION A2



MODEL 4G

PANEL HEIGHT PH (IN)	A (IN)	B (IN)	C (IN)
144	138	66	135.5
138	132	63	129.5
132	126	60	123.5
126	120	57	117.5
120	114	54	111.5
114	108	51	105.5
108	102	48	99.5
102	96	45	93.5
96	90	42	87.5
90	84	39	81.5
84	78	36	75.5
78	72	33	69.5



MANUFACTURER:

HARRY, LLC, dba
ARCHITECTURAL
ALUMINUM OVERS

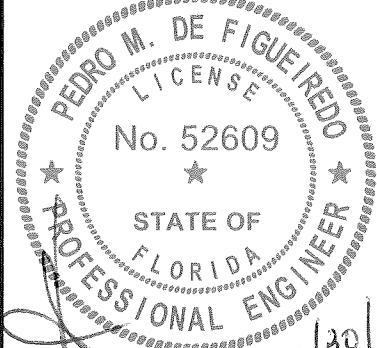
266 W. MITCHELL AVE.
CINCINNATI, OHIO 45232
PH: (888) 568-8371
FX: (888) 568-8370

PRODUCT:

INDISTRUCT
ALUMINUM
FRAMING

ENGINEERING:

PPMF INC. CA 32459
631 SEAPORT BLVD.
CAPE CANAVERAL, FL 32920
PPMF@AOL.COM



Engineer Seal
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **25-0728.04**

Approval Date **09/04/2025**

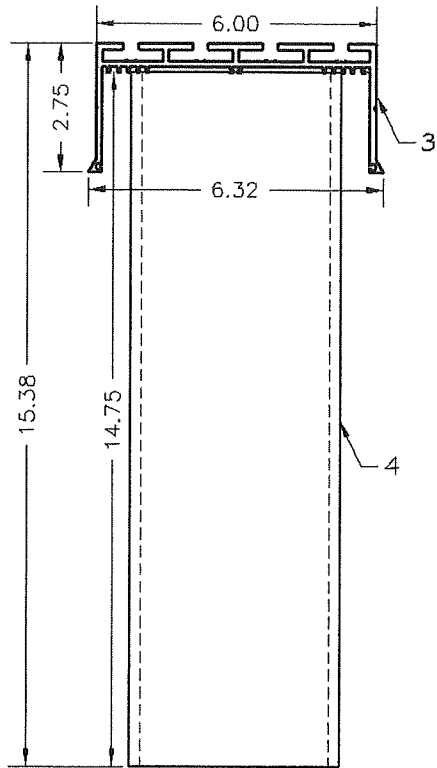
By *[Signature]*
Miami-Dade Product Control

DATE: 06/28/2025
SCALE: NA
DESIGN BY: PPMF

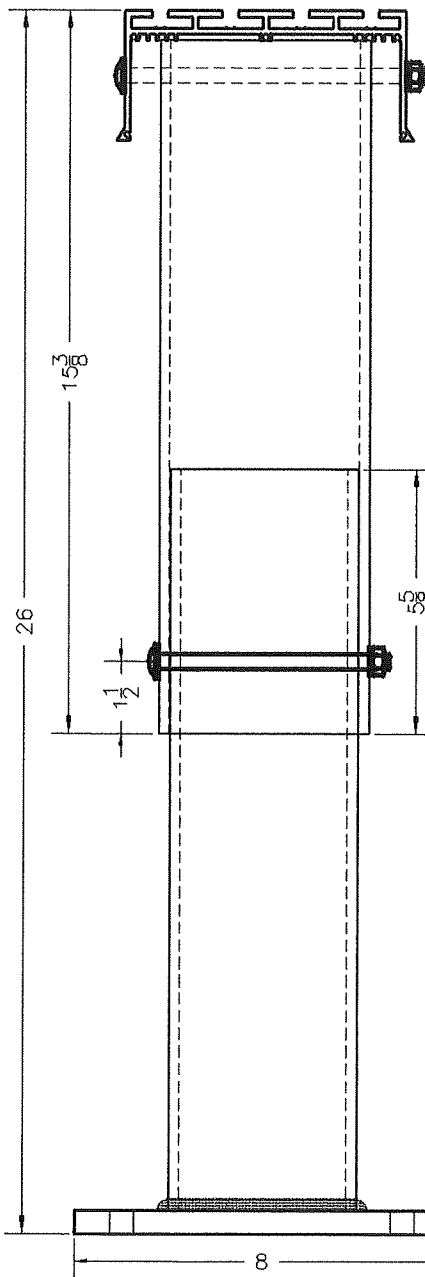
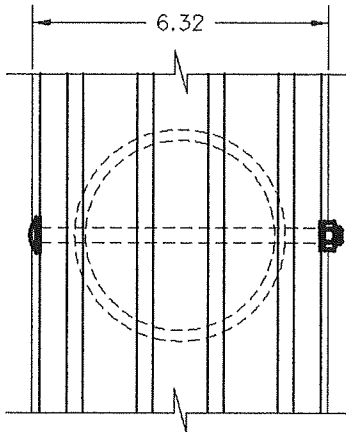
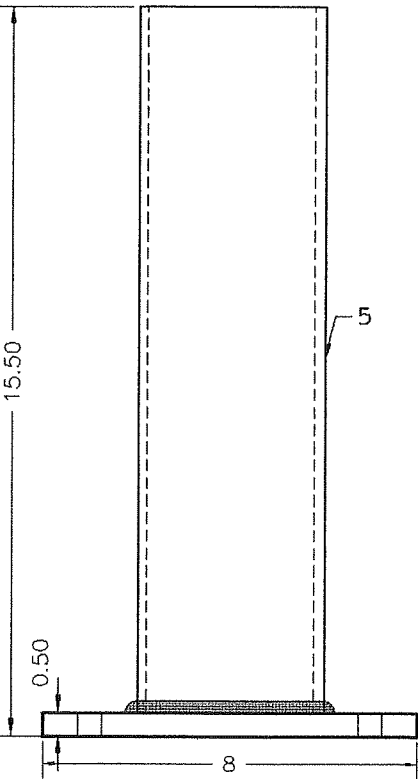
SHEET
4 OF 8

DRAWING #:
25-100

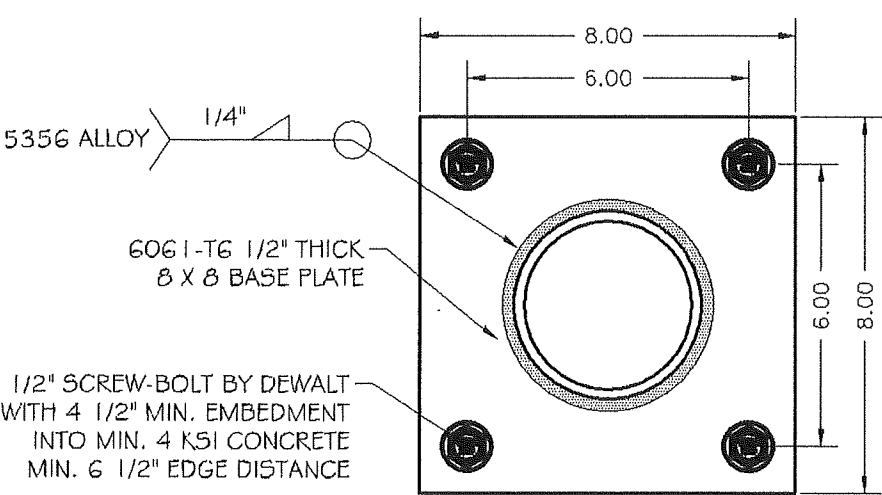
BRACKETS STUB PIPE COLUMNS
ANCHORAGE TO SUBSTRATE



VERTICAL ADJUSTABLE
TOP BASE



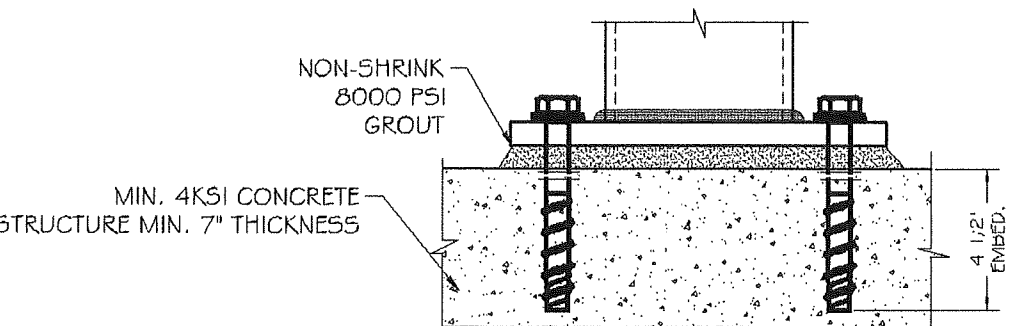
TYPICAL
BASE PLATE



5356 ALLOY 1/4"

6061-T6 1/2" THICK
8 X 8 BASE PLATE

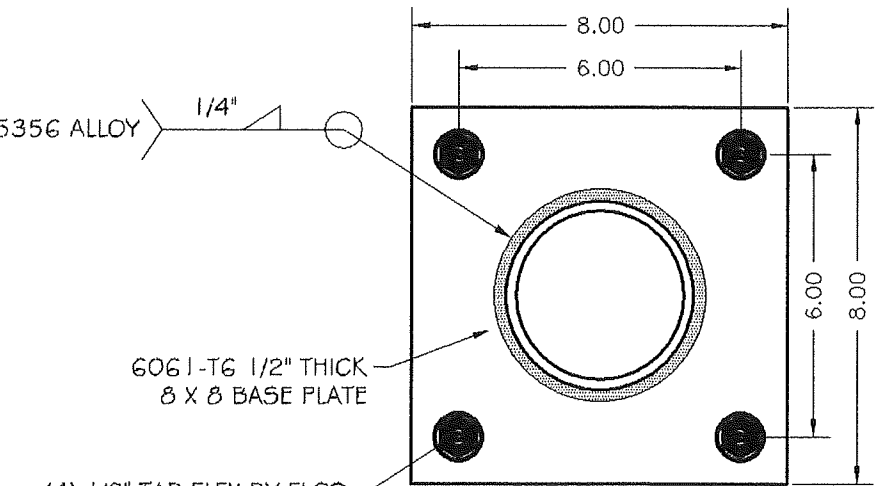
(4) 1/2" SCREW-BOLT BY DEWALT
WITH 4 1/2" MIN. EMBEDMENT
INTO MIN. 4 KSI CONCRETE
MIN. 6 1/2" EDGE DISTANCE



NON-SHRINK
8000 PSI
GROUT

MIN. 4KSI CONCRETE
STRUCTURE MIN. 7" THICKNESS

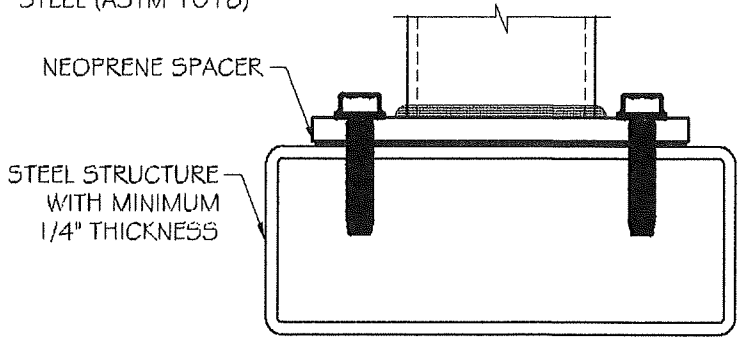
4 1/2" EMBED.



5356 ALLOY 1/4"

6061-T6 1/2" THICK
8 X 8 BASE PLATE

(4) 1/2" TAP-FLEX BY ELCO
INTO 1/4" MTL. STRUCTURE
STEEL (ASTM 1018)



NEOPRENE SPACER

STEEL STRUCTURE
WITH MINIMUM
1/4" THICKNESS

MANUFACTURER:

HARRAY, LLC, dba
ARCHITECTURAL
DOUVERS

266 W. MITCHELL AVE.
CINCINNATI, OHIO 45232
PH: (888) 568-8371
FX: (888) 568-8370

PRODUCT:

INDISTRUCT
ALUMINUM
FRAMING

ENGINEERING:

PPMF INC. CA 32459
631 SEAPORT BLVD.
CAPE CANAVERAL, FL 32920
PPMF@AOL.COM

PEDRO M. DE FIGUEIREDO
LICENSE
No. 52609
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
Engineer Seal
Pedro De Figueiredo - PE 52609
6/30/25

MIAMI-DADE BCCO:

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 25-0728.04

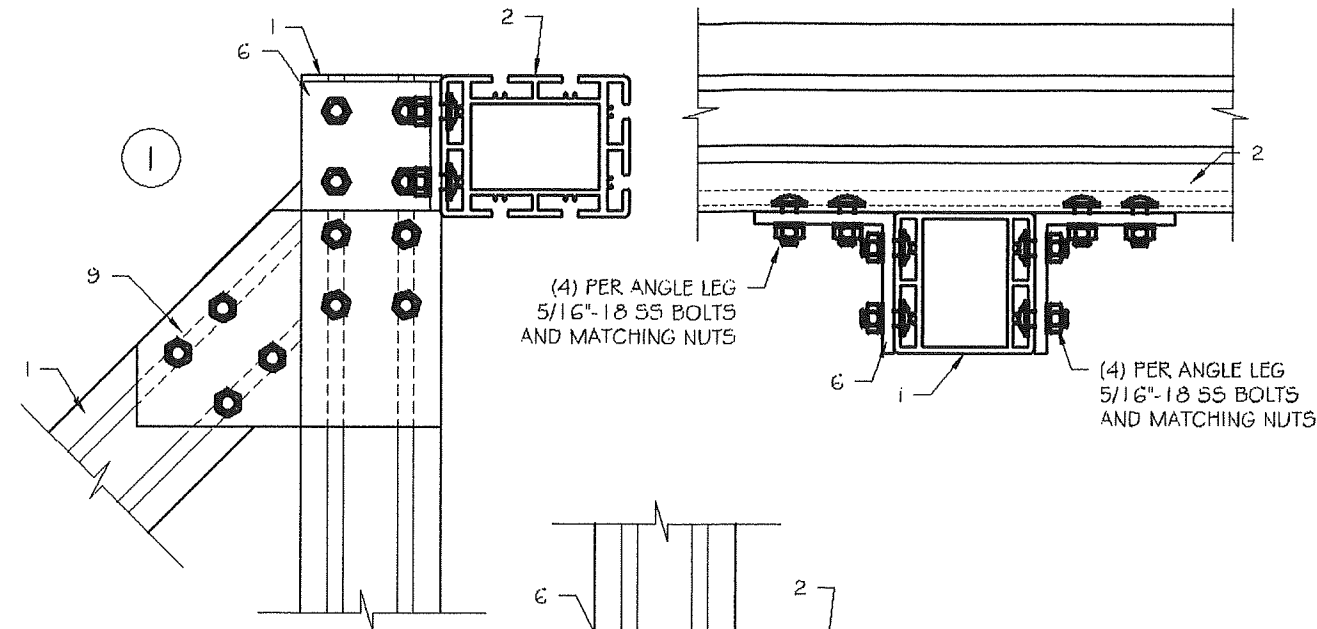
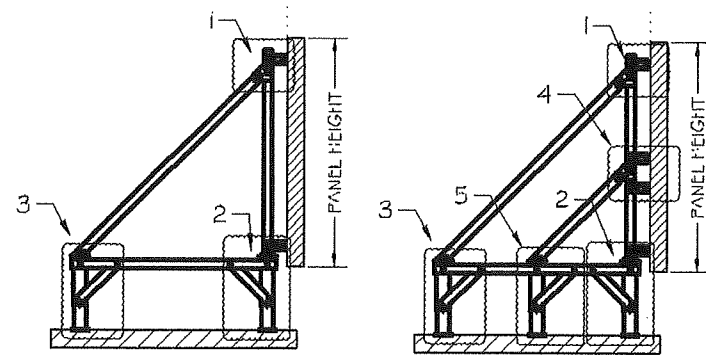
Approval Date 09/04/2025

By *[Signature]*
Miami-Dade Product Control

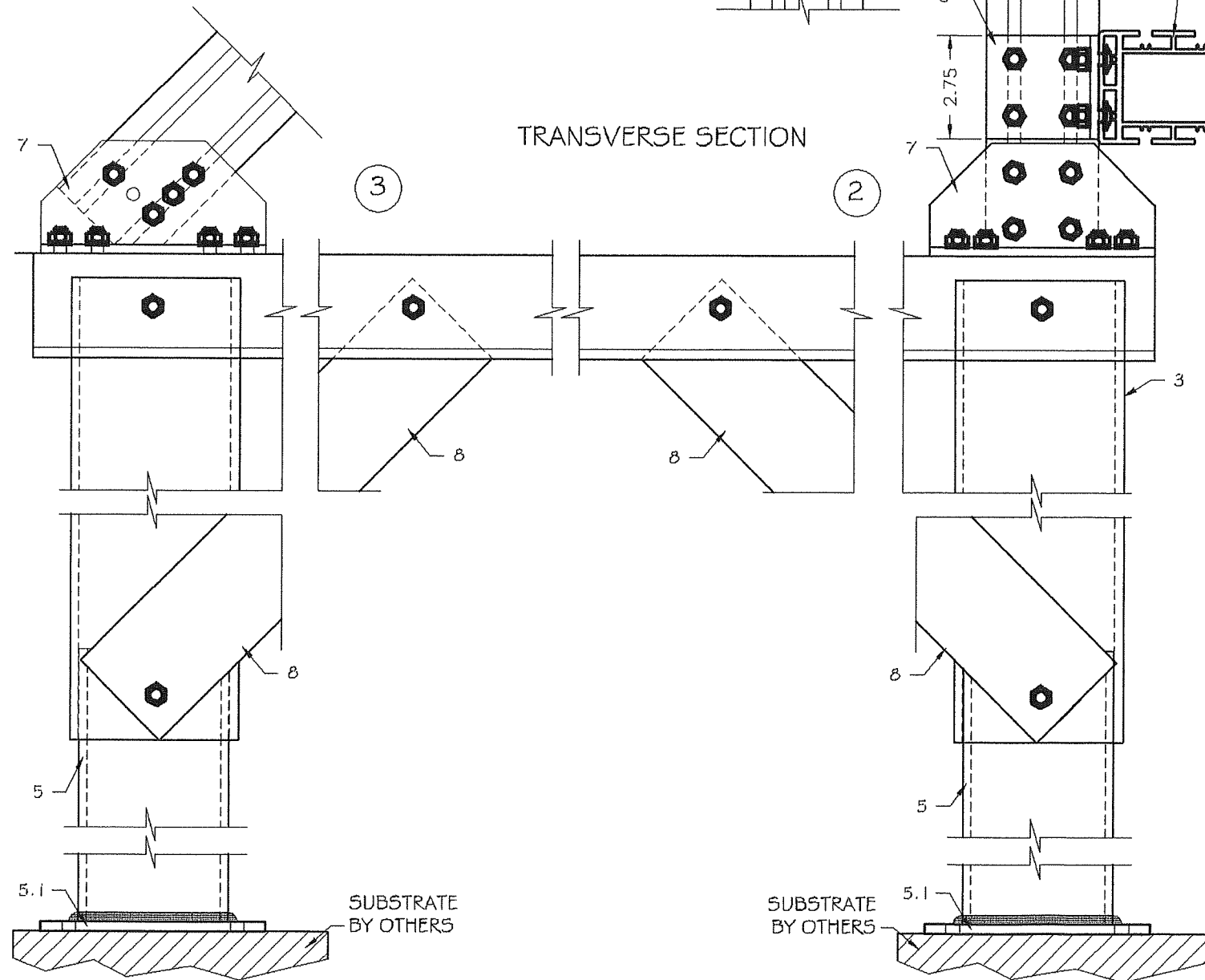
DATE: 06/28/2025
SCALE: NA
DESIGN BY: PPMF

SHEET 5 OF 8
DRAWING #: 25-100

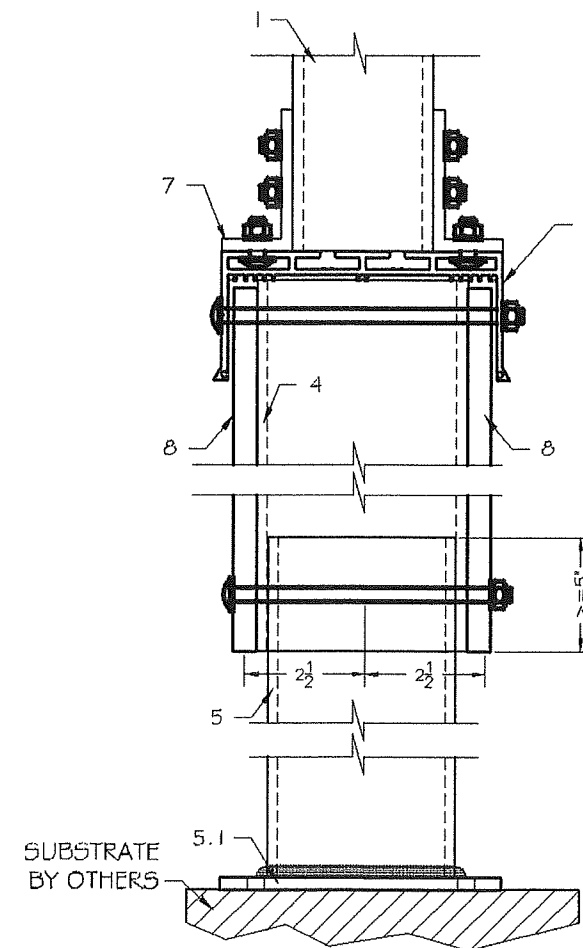
ASSEMBLY DETAILS
2G AND 4G



TRANSVERSE SECTION



FRONT SECTION



MANUFACTURER:

HARRAY, LLC, dba
ARCHITECTURAL
OVERS

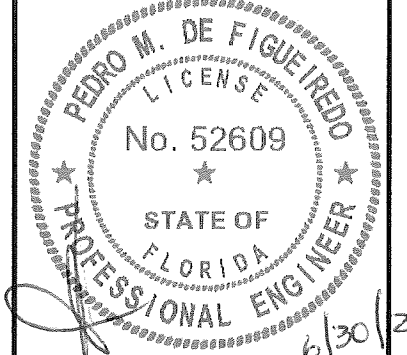
266 W. MITCHELL AVE.
CINCINNATI, OHIO 45232
PH: (888) 568-8371
FX: (888) 568-8370

PRODUCT:

INDISTRUCT
ALUMINUM
FRAMING

ENGINEERING:

PPMF INC. CA 32459
631 SEAPORT BLVD.
CAPE CANAVERAL, FL 32920
PPMF@AOL.COM



Engineer Seal
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 25-0728.04

Approval Date 09/04/2025

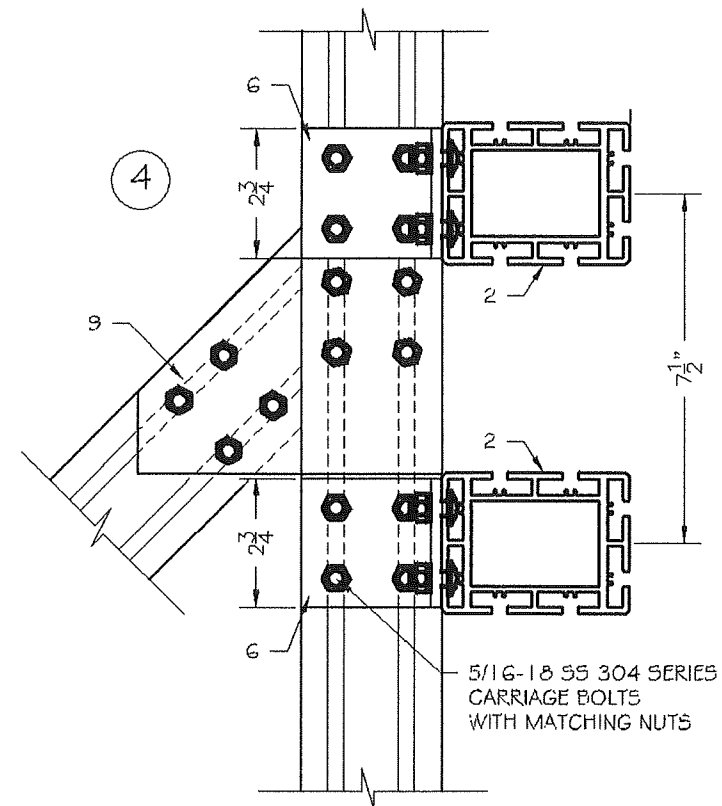
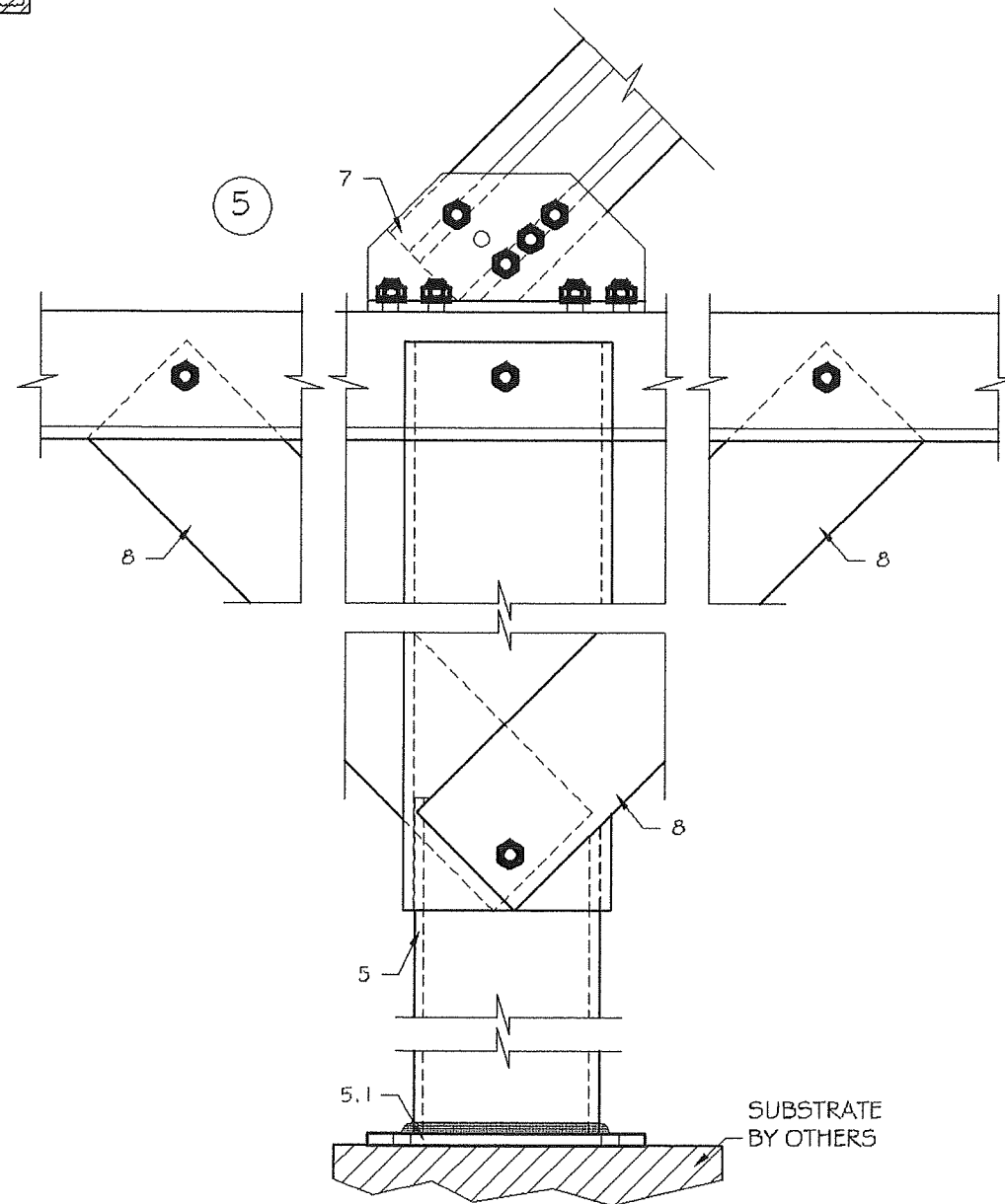
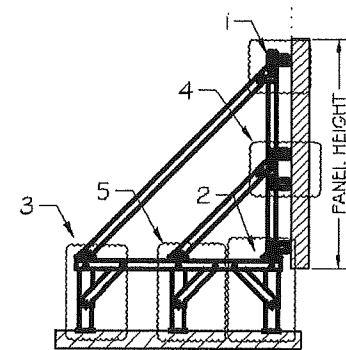
By *[Signature]*
Miami-Dade Product Control

DATE: 06/28/2025
SCALE: NA
DESIGN BY: PPMF

SHEET
6 OF 8

DRAWING #:
25-100

ASSEMBLY DETAILS
4G



MANUFACTURER:

HARRAY, LLC, dba
ARCHITECTURAL
• O • U • V • E • R • S

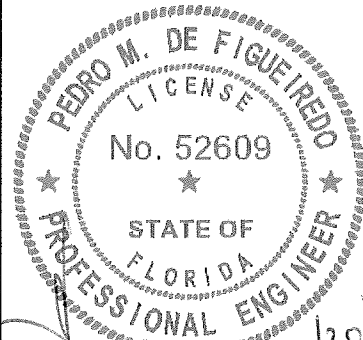
266 W. MITCHELL AVE.
CINCINNATI, OHIO 45232
PH: (888) 568-8371
FX: (888) 568-8370

PRODUCT:

INDISTRUCT
ALUMINUM
FRAMING

ENGINEERING:

PPMF INC. CA 32459
631 SEAPORT BLVD.
CAPE CANAVERAL, FL 32920
PPMF@AOL.COM



Engineer Seal
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. **25-0728.04**

Approval Date **09/04/2025**

By *[Signature]*
Miami-Dade Product Control

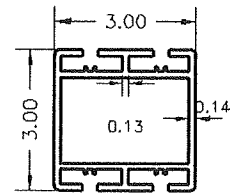
DATE: 06/28/2025
SCALE: NA
DESIGN BY: PPMF

SHEET
7 OF 8

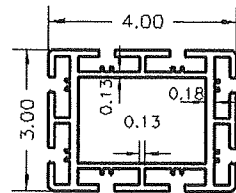
DRAWING #:
25-100

PRODUCT ALUMINUM COMPONENTS

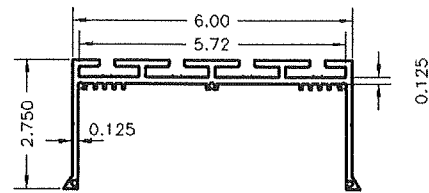
1- 3X3 POST
AND KICKER



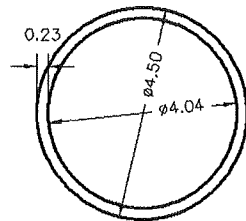
2- 4X3 GIRT



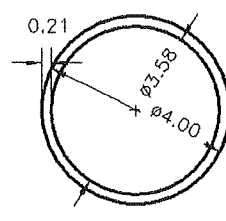
3- CURB



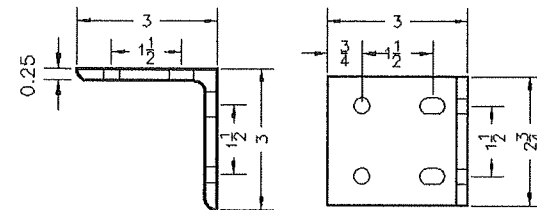
4- 4 1/2" Ø CURB STUB



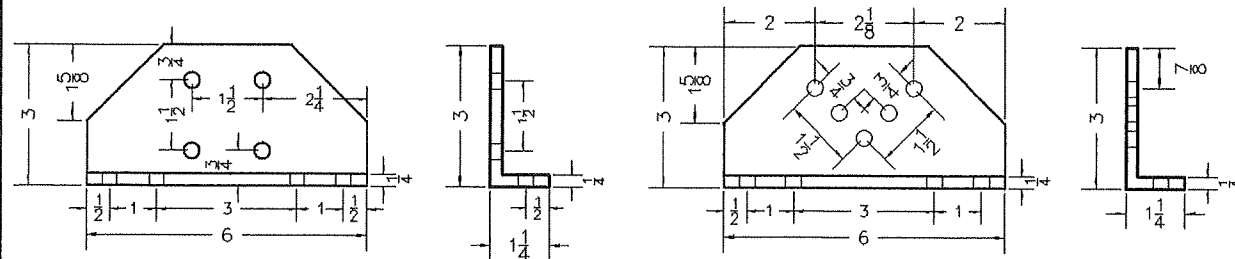
5- 4" Ø CURB STUB



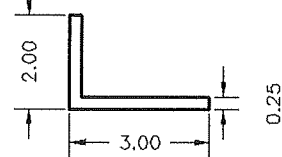
6- 1/4-3X3 ANGLE 2 3/4" BRACKET



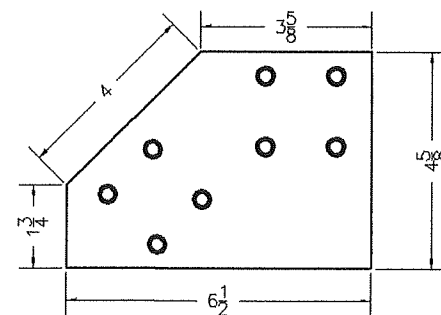
7- 1/4" ANGLE POST / KICKER
BRACKETS TO CURB CHANNEL



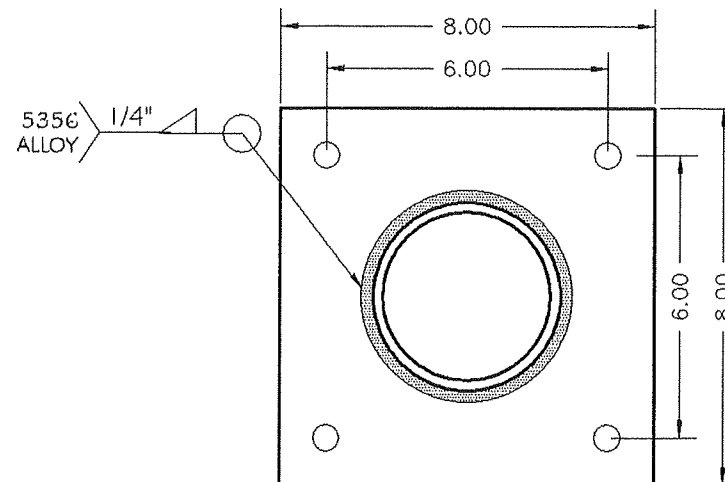
8- 1/4-3X2 ANGLE



9- 1/4" 4" X 6" GUSSET PLATE



10- 1/2"- 8" X 8" ALUMINUM 6061-T6
BASE PLATE



BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL
1	3" X 3" CUSTOM DIE - BRACKET POST AND KICKER	ALUMINUM 6063-T6
2	4" X 3" CUSTOM DIE - GIRTS	ALUMINUM 6063-T6
3	2 3/4" X 6" CUSTOM DIE - BRACKET CURB CHANNEL	ALUMINUM 6063-T6
4	4 1/2" DIAMETER OUTER UPPER STUB PIPE	ALUMINUM 6061-T6
5	4" DIAMETER INNER LOWER STUB PIPE	ALUMINUM 6061-T6
6	1/4"-3"x3" ANGLE 2 3/4" CLIP GIRTS TO BRACKET POST	ALUMINUM 6063-T5
7	1/4" - 1 1/4" X 3" ANGLE BRACKET - POST / KICKER TO CURB CHANNEL	ALUMINUM 6063-T6
8	1/4" - 2" X 3" ANGLE STUB PIPES BRACING	ALUMINUM 6063-T6
9	1/4" - 4 5/8" X 6 1/2" GUSSET PLATE - POST / KICKER CONNECTION	ALUMINUM 6063-T6
10	1/2" - 8" X 8" BASE PLATE WELDED TO THE INNER PIPE	ALUMINUM 6061-T6
11	5/16"-18 SS BOLTS WITH MATCHING NUTS AND FLAT WASHER	STAINLESS STEEL 300 SERIES
12	1/2" TAP-FLEX BY ELCO BASE PLATE ANCHORS	STEEL ANCHOR BY ELCO
13	1/2" SCREW-BOLT+ BY DEWALT BASE PLATE ANCHORS	STEEL ANCHOR BY DEWALT



11 - 5/16"-18 SS BOLTS WITH NUTS,
WASHER AND MATCHING NUT



12- 1/2" TAP-FLEX BY ELCO
BASE PLATE ANCHORS



13- 1/2" SCREW-BOLTS BY DEWALT
BASE PLATE ANCHORS

MANUFACTURER:

HARRAY, LLC, dba

A RCHITECTURAL
· O · U · V · E · R · S

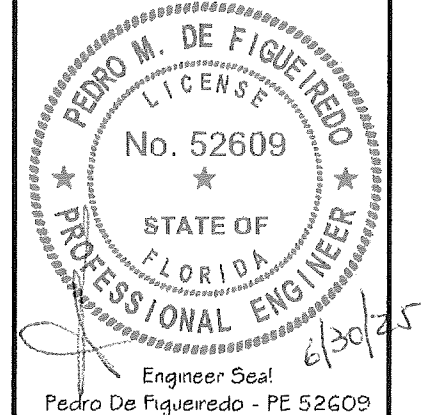
266 W. MITCHELL AVE.
CINCINNATI, OHIO 45232
PH: (888) 568-8371
FX: (888) 568-8370

PRODUCT:

INDISTRUCT ALUMINUM FRAMING

ENGINEERING:

PPMF INC. CA 32439
631 SEAPORT BLVD.
CAPE CANAVERAL, FL 32920
PPMF@AOL.COM



MIAMI-DADE BCCO:

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 25-0728.04

Approval Date 09/04/2025

By [Signature]
Miami-Dade Product Control

DATE: 06/28/2025
SCALE: NA
DESIGN BY: PPMF

SHEET
8 OF 8

DRAWING #:
25-100