



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Faour Mirror Corp.
5119 West Knox Street
Tampa, FL 33634

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Slimpack Rail Postless Glass Railing System - LMI

APPROVAL DOCUMENT: Drawing No. 20-60D, titled "Slimpack Rail Postless Glass Railing System", sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on August 30, 2023, bearing Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the 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. The structural adequacy of the supporting structures is not part of this approval & shall be reviewed by the corresponding Building Dept.

This NOA **revises** NOA #22-0131.02 and consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
03/07/24

NOA No. 23-0918.11
Expiration Date: 06/25/2025
Approval Date: 03/07/2024
Page 1

Faour Mirror Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-1211.01

A. DRAWINGS

1. *Drawing No. 20-60D, titled "Slimpack Rail Postless Glass Railing System", sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on August 11, 2020.*

B. TESTS

1. *Test Report No. BT-AUV-18-001, by Blackwater Testing, Inc., dated January 29, 2020, signed and sealed by Constantin Bortes, P.E.*

C. CALCULATIONS

1. *Calculation titled "Series SP300 Postless Railing System (LMI), 17 sheets, dated 01/24/20, prepared by Al-Farooq Corp., signed & sealed by Jalal Farooq, P.E., on 03/08/20.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *FBC, 2020 Edition, compliance letter, dated July 27, 2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on August 11, 2020.*
2. *Private Labeling Agreement, dated July 29, 2020, signed by Aluvetro (manufacturer) and Faour Glass Technologies (Private Labeler).*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 22-0131.02

A. DRAWINGS

1. *Drawing No. 20-60D, titled "Slimpack Rail Postless Glass Railing System ", sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on August 11, 2020.*

B. TESTS


1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-0918.11
Expiration Date: 06/25/2025
Approval Date: 03/07/2024

Faour Mirror Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *FBC, 2020 Edition, compliance letter, dated 01/20/2022, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on 01/28/2022.*
2. *Private Labeling Agreement, dated July 29, 2020, signed by Aluvetro (manufacturer) and Faour Glass Technologies (Private Labeler).*

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 20-60D, titled "Slimpack Rail Postless Glass Railing System", sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on August 30, 2023.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE


1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *FBC, 2023 Edition, compliance letter, dated 09/15/2023, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on 09/15/2023.*
2. *Private Labeling Agreement, dated July 29, 2020, signed by Aluvetro (manufacturer) and Faour Glass Technologies (Private Labeler).*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-0918.11
Expiration Date: 06/25/2025
Approval Date: 03/07/2024

PRODUCT COMPLIES WITH REQUIREMENTS OF ANSI Z97.1.

SLIMPACT GR90
SLIMPACT GR120
POSTLESS GLASS RAILING SYSTEM

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND FLOOR DRESSING.

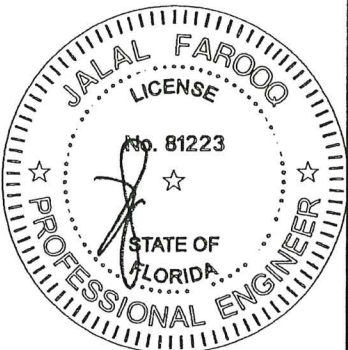
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

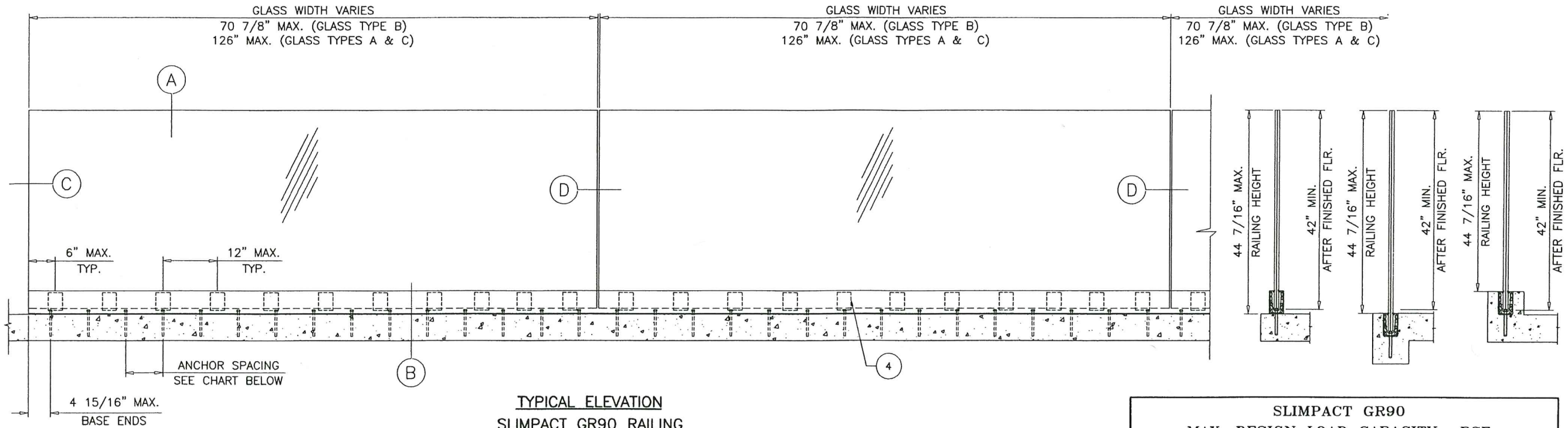
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0918.11
Expiration Date 06/25/2025
By: *[Signature]*
Miami Code Product Control

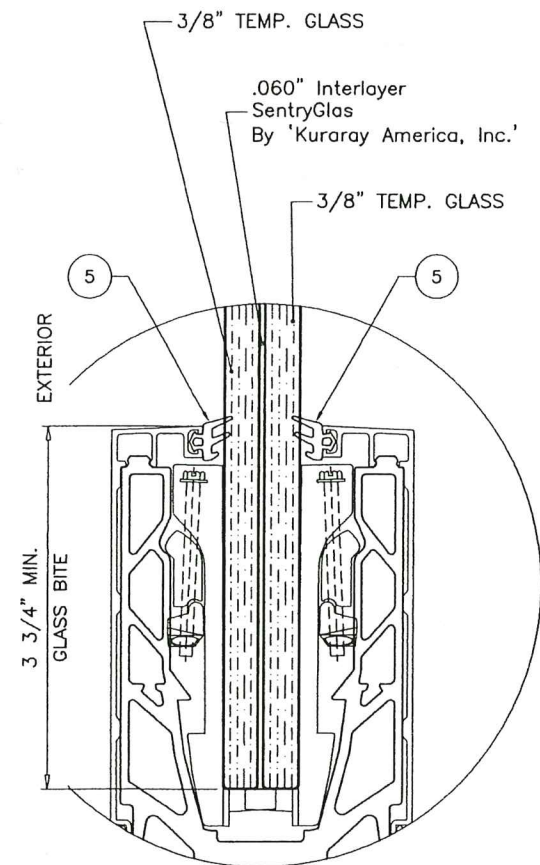
AUG 30 2023



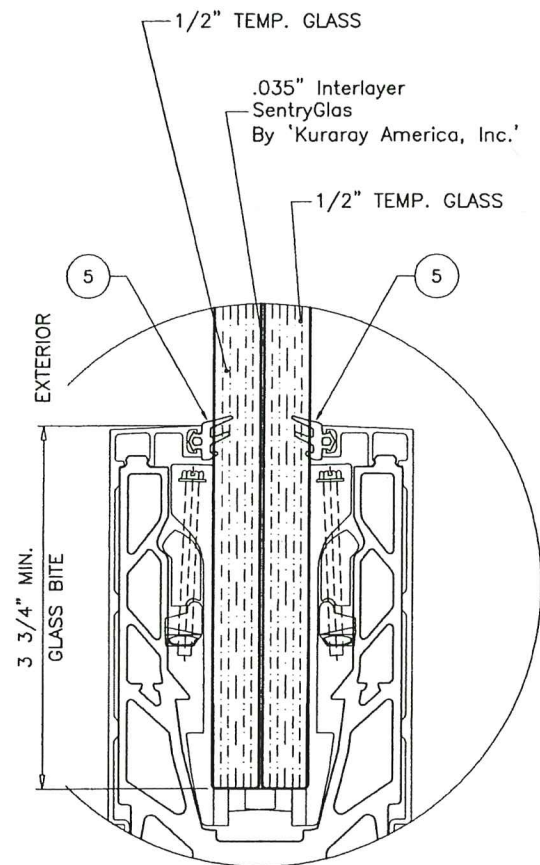
date: 07-29-20		drawing no. 20-60D		sheet 1 of 6	
scale: -		dr. by: TARIQ		chk. by:	
revisions:		SLIMPACT GR90/SLIMPACT GR120 POSTLESS GLASS RAILING			
no	date	by	description		
A	01.20.22		GENERAL REVISION		
B	08.28.23		UPDATED TO 2023 FBC		
Faour Glass Technologies		5119 West Knox Street Tampa, FL. 33634 Tel. (813) 884-3297 Fax. (-)			
AL-FAROOQ CORPORATION		ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978 (C.A.N. 3538)			
a f c		RAILING\20-60D-FGT			



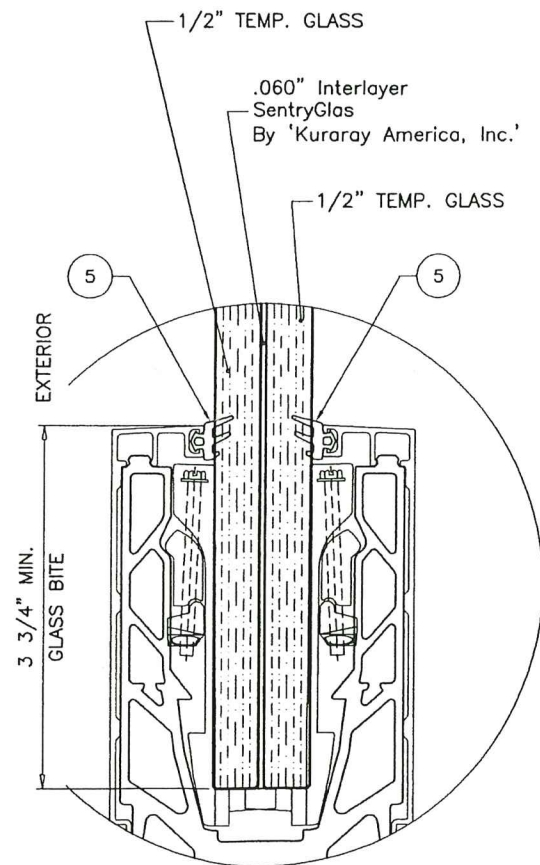
TYPICAL ELEVATION
SLIMPACT GR90 RAILING



GLASS TYPE 'A'



GLASS TYPE 'B'



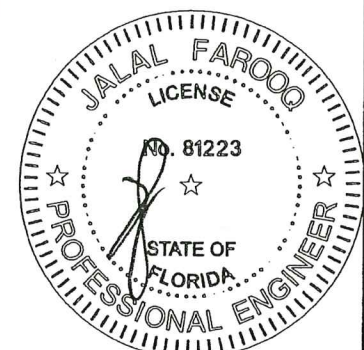
GLASS TYPE 'C'

SLIMPACT GR90 MAX. DESIGN LOAD CAPACITY- PSF					
SUBSTRATE	ANCHOR EDGE DIST.	ANCHOR TYPES	ANCHOR SPACING		
			4.9\" MAX.	6\" MAX.	9.8\" MAX.
GR1200 PSI CONCRETE	4-1/2\" MIN.	A	72.7	62.0	39.6
		AA	90.0	90.0	57.3
		B	56.9	50.2	36.8
		BB	73.2	63.5	46.9
4000 PSI CONCRETE		A	86.1	73.5	46.9
		AA	90.0	90.0	67.6
GR1200 PSI CONCRETE	3-1/2\" MIN.	A	65.0	55.5	35.4
		AA	89.9	79.9	50.2
		B	53.5	47.1	34.6
		BB	69.0	59.8	44.1
4000 PSI CONCRETE		A	77.2	65.9	42.0
		AA	90.0	90.0	59.4
3/8\" THK. A36 STEEL	1\" MIN.	C	90.0	90.0	62.1
		CC	90.0	90.0	90.0

SEE SHEET 4 FOR ANCHOR DESCRIPTIONS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0914.11
Expiration Date 06/25/2025
By: *Heidi A. Miller*
Miami Data Product Control

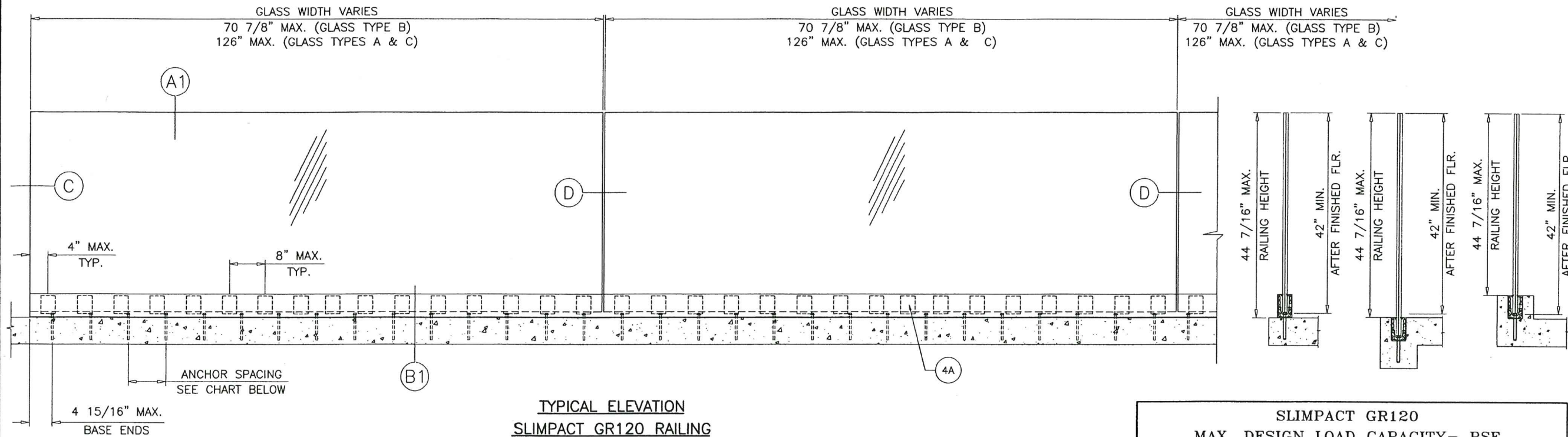
AUG 30 2023



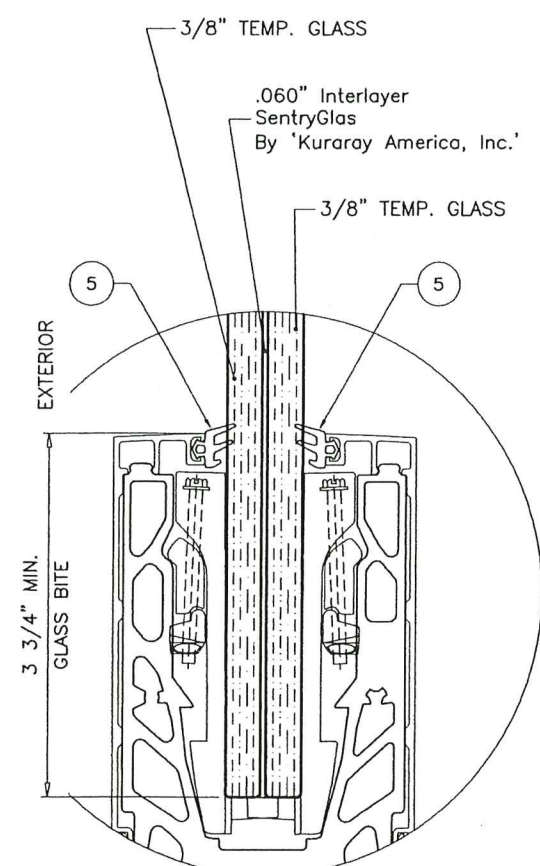
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
RAILING\20-60D-FGT

SLIMPACT GR90/SLIMPACT GR120 POSTLESS GLASS RAILING
Faour Glass Technologies
5119 West Knox Street
Tampa, FL. 33634
Tel. (813) 884-3297 Fax. (-)

revisions:		description	
no	date	by	description
A	01.20.22		GENERAL REVISION
B	08.28.23		NO CHANGE THIS SHEET
date: 07-29-20		scale: 1/2"=1'-0"	
dr. by: TARIQ		chk. by:	
drawing no.		20-60D	
sheet 2 of 6			

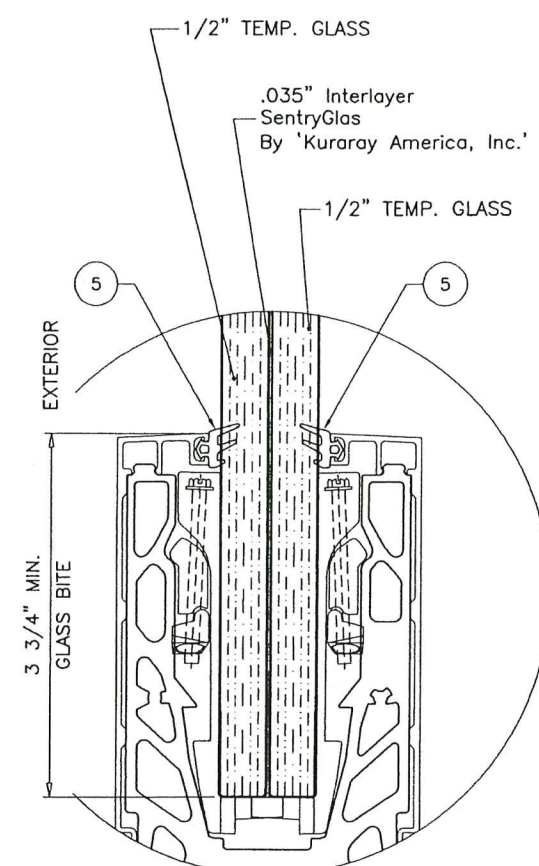


**TYPICAL ELEVATION
SLIMPACT GR120 RAILING**

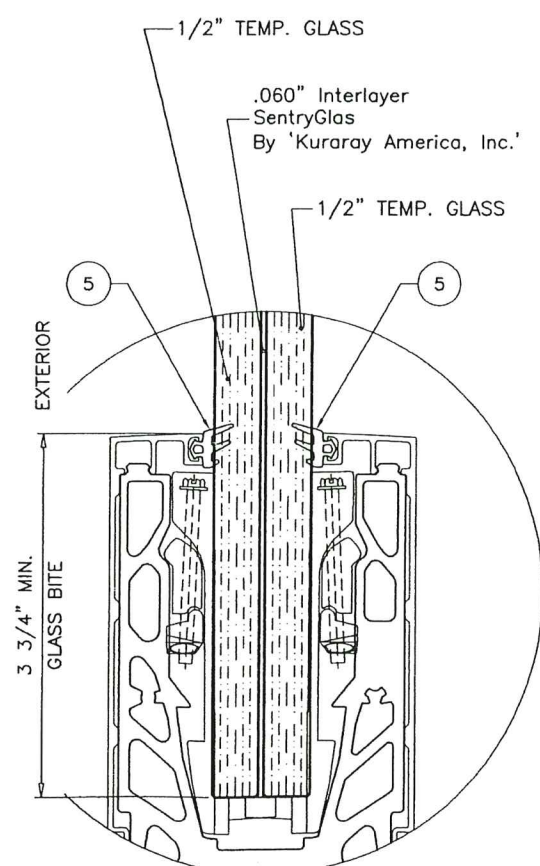


GLASS TYPE 'A'

MAX. LOADS FOR GLASS TYPE 'A' = ±90.0 PSF



GLASS TYPE 'B'



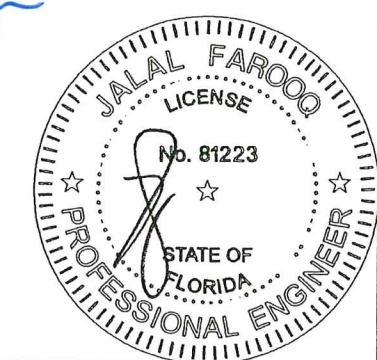
GLASS TYPE 'C'

SLIMPACT GR120 MAX. DESIGN LOAD CAPACITY- PSF					
SUBSTRATE	ANCHOR EDGE DIST.	ANCHOR TYPES	ANCHOR SPACING		
			4.9\" MAX.	6\" MAX.	9.8\" MAX.
GR1200 PSI CONCRETE	4-1/2\" MIN.	A	72.7	62.0	39.6
		AA	102.6	91.2	57.3
		B	56.9	50.2	36.8
		BB	73.2	63.5	46.9
4000 PSI CONCRETE	3-1/2\" MIN.	A	86.1	73.5	46.9
		AA	120.0	107.8	67.6
		B	53.5	47.1	34.6
		BB	69.0	59.8	44.1
GR1200 PSI CONCRETE	1\" MIN.	A	65.0	55.5	35.4
		AA	89.9	79.9	50.2
		B	53.5	47.1	34.6
		BB	69.0	59.8	44.1
4000 PSI CONCRETE	1\" MIN.	A	77.2	65.9	42.0
		AA	106.3	96.3	59.4
		B	53.5	47.1	34.6
		BB	69.0	59.8	44.1
3/8\" THK. A36 STEEL	1\" MIN.	C	120.0	101.8	62.1
		CC	120.0	120.0	112.7

SEE SHEET 4 FOR ANCHOR DESCRIPTIONS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0914.11
Expiration Date 06/25/2025
By: *H. A. M. Jr.*
Miami Dept. Product Control

AUG 30 2023



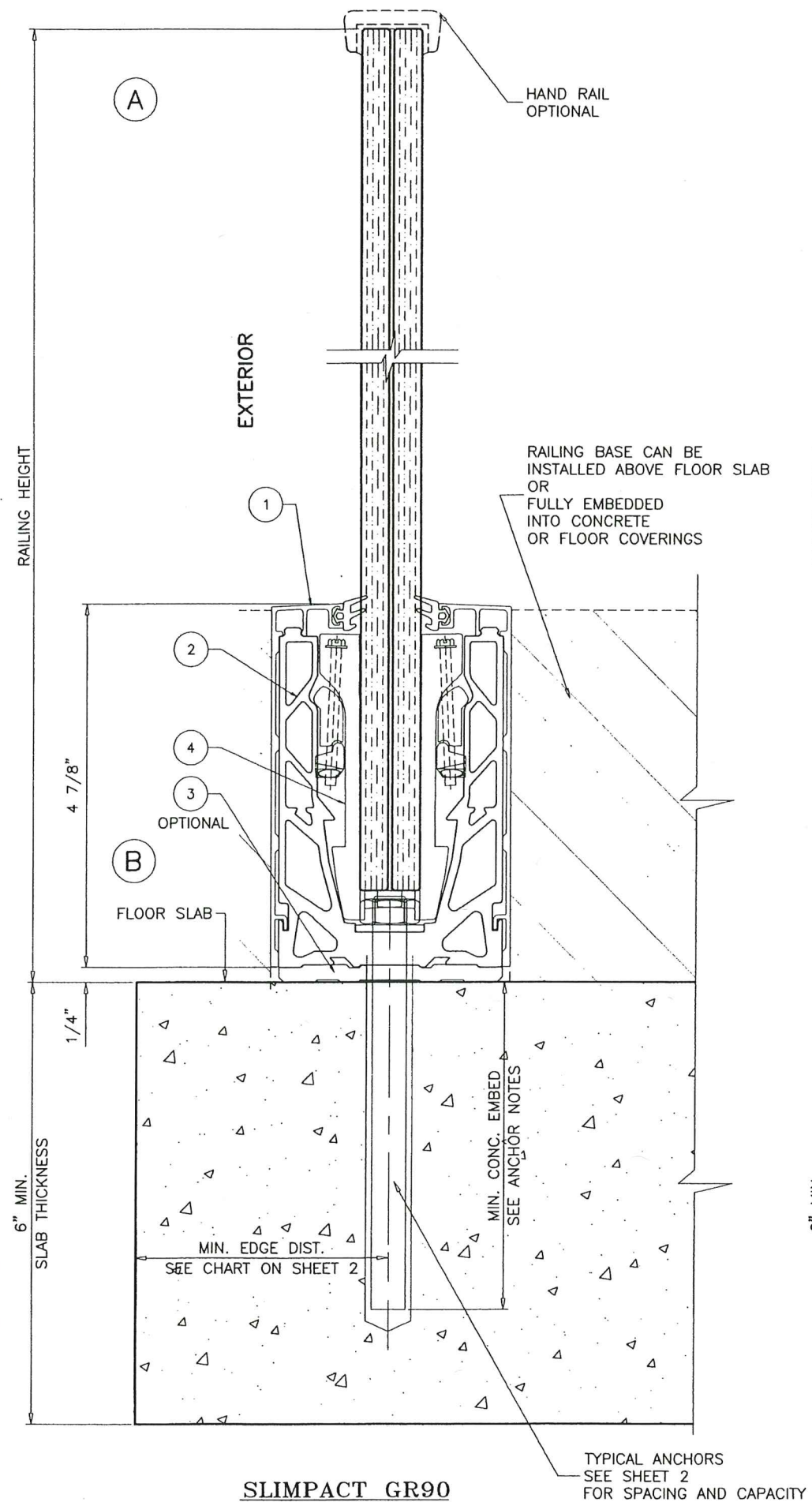
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

SLIMPACT GR90/SLIMPACT GR120 POSTLESS GLASS RAILING
Faour Glass Technologies
5119 West Knox Street
Tampa, FL. 33634
Tel. (813) 884-3297 Fax. (-)

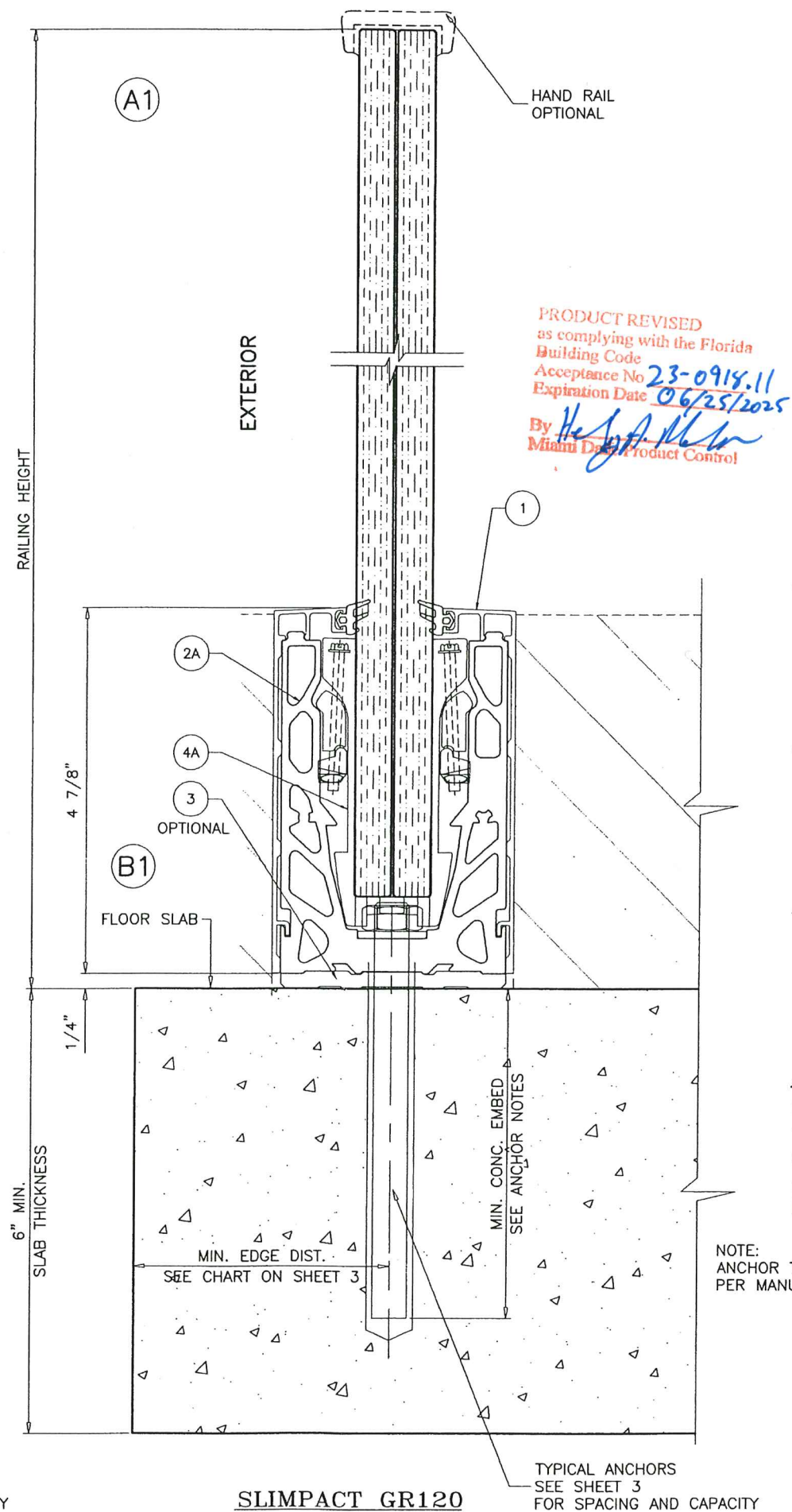
date: 07-29-20	revisions:	no	date	by	description
scale: 1/2"=1'-0"	A	01.20.22			GENERAL REVISION
dr. by: TARIQ	B	08.28.23			NO CHANGE THIS SHEET
chk. by:					

drawing no. 20-60D
sheet 3 of 6

RAILING 20-60D-FGT



SLIMPACT GR90
TYPICAL ANCHORS
SEE SHEET 2
FOR SPACING AND CAPACITY



SLIMPACT GR120
TYPICAL ANCHORS
SEE SHEET 3
FOR SPACING AND CAPACITY

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0918.11
Expiration Date 06/25/2025
By *[Signature]*
Miami Data Product Control

TYPICAL ANCHORS:
ANCHOR 'A'
INTO CONCRETE (GR1200 OR 4000 PSI MIN.)
HVU ANCHORING SYSTEM BY 'HILTI'
WITH HVU ADHESIVE CAPSULE AND
3/8" DIA. 'HILTI' THREADED ROD
(HAS-R STAINLESS AISI 304/316 SS)
(Fu = 100,000 PSI & Fy = 65,000 PSI)
SAE J995 GRADE 5 NUT
AND ANSI B18.22.1 TYPE A PLAIN WASHER
4-1/4" MIN. EMBEDMENT
MIN. EDGE DISTANCE SEE CHART ON SHEETS 2 & 3

ANCHOR 'AA'
INTO CONCRETE (GR1200 OR 4000 PSI MIN.)
HVU ANCHORING SYSTEM BY 'HILTI'
WITH HVU ADHESIVE CAPSULE AND
1/2" DIA. 'HILTI' THREADED ROD
(HAS-R STAINLESS AISI 304/316 SS)
(Fu = 100,000 PSI & Fy = 65,000 PSI)
SAE J995 GRADE 5 NUT
AND ANSI B18.22.1 TYPE A PLAIN WASHER
4-1/4" MIN. EMBEDMENT
MIN. EDGE DISTANCE SEE CHART ON SHEETS 2 & 3

ANCHOR 'B'
INTO CONCRETE (GR1200 PSI MIN.)
3/8" DIA. SCREW-BOLT+ BY 'DEWALT'
(Fu = 120,000 PSI & Fy = 92,000 PSI)
4-1/2" MIN. EMBEDMENT
MIN. EDGE DISTANCE SEE CHART ON SHEETS 2 & 3

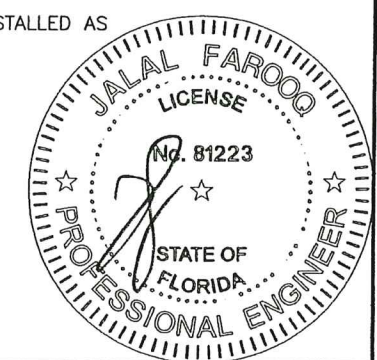
ANCHOR 'BB'
INTO CONCRETE (GR1200 PSI MIN.)
1/2" DIA. SCREW-BOLT+ BY 'DEWALT'
(Fu = 120,000 PSI & Fy = 92,000 PSI)
4-1/4" MIN. EMBEDMENT
MIN. EDGE DISTANCE SEE CHART ON SHEETS 2 & 3

ANCHOR 'C'
INTO A36 STEEL STRUCTURES (3/8" MIN. THK.)
3/8" DIA. MACHINE SCREWS (GRADE 5 CRS)
(Fu = 120,000 PSI & Fy = 92,000 PSI)
(3) THREADS TO EXTEND BEYOND METAL THICKNESS
MIN. EDGE DISTANCE SEE CHARTS ON SHEETS 2 & 3

ANCHOR 'CC'
INTO A36 STEEL STRUCTURES (3/8" MIN. THK.)
1/2" DIA. MACHINE SCREWS (GRADE 5 CRS)
(Fu = 120,000 PSI & Fy = 92,000 PSI)
(3) THREADS TO EXTEND BEYOND METAL THICKNESS
MIN. EDGE DISTANCE SEE CHART ON SHEETS 2 & 3

NOTE:
ANCHOR TORQUED AND OTHERWISE INSTALLED AS
PER MANUFACTURER SPECIFICATIONS.

AUG 30 2023



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

RAILING 20-60D-FGT

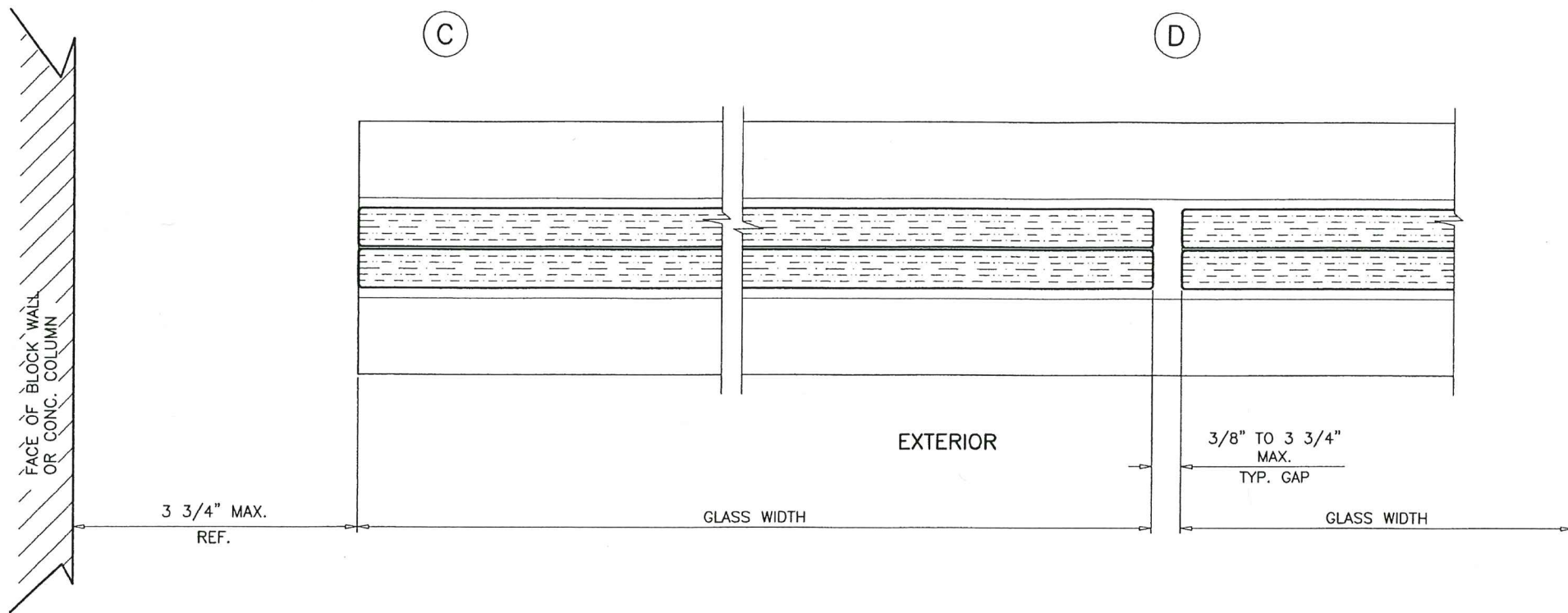
SLIMPACT GR90/SLIMPACT GR120 POSTLESS GLASS RAILING

Faour Glass Technologies
5119 West Knox Street
Tampa, FL. 33634
Tel. (813) 884-3297 Fax. (-)

date: 07-29-20
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

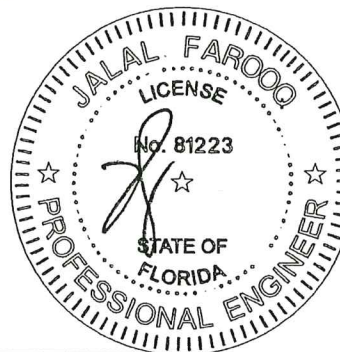
no.	date	description
A	01.20.22	GENERAL REVISION
B	08.28.23	NO CHANGE THIS SHEET

drawing no. **20-60D**
sheet 4 of 6



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 23-0918.11
 Expiration Date 06/25/2025
 By H. G. A. M. W.
 Miami Date Product Control

AUG 30 2023

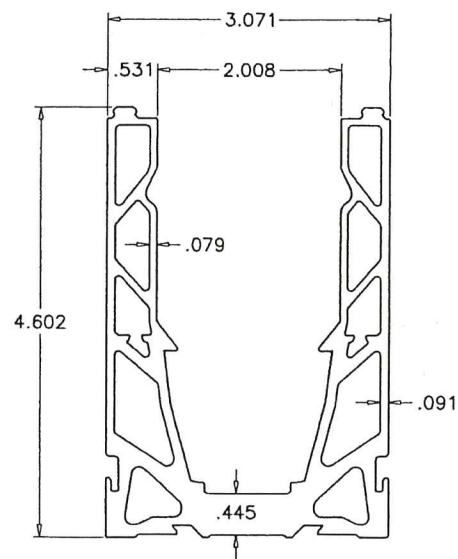


SIMPACT GR90/SIMPACT GR120 POSTLESS GLASS RAILING
Faour Glass Technologies
 5119 West Knox Street
 Tampa, FL. 33634
 Tel. (813) 884-3297 Fax. (-)

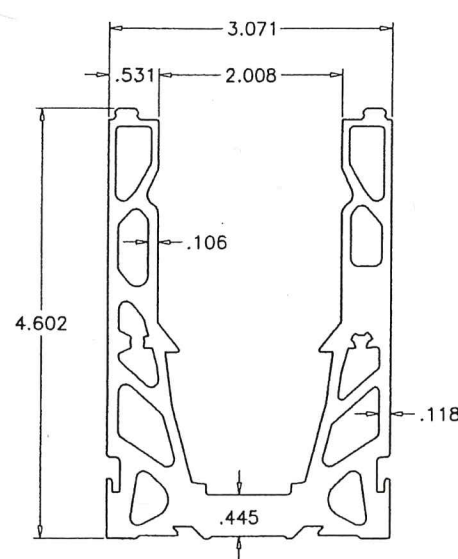
revisions:		
no	date	by description
A	01.20.22	GENERAL REVISION
B	08.28.23	NO CHANGE THIS SHEET

date: 07-29-20
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:
 drawing no.
20-60D
 sheet 5 of 6

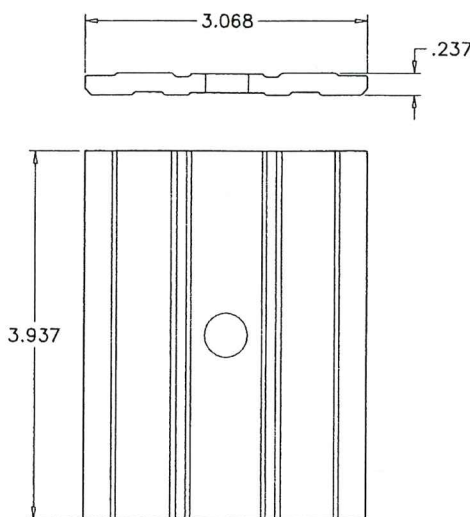
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 RAILING 20-60D-FGT



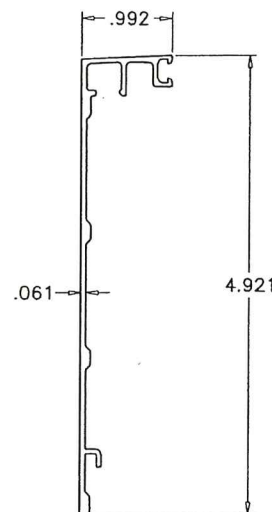
② RAILING BASE (SLIMPACT GR90)



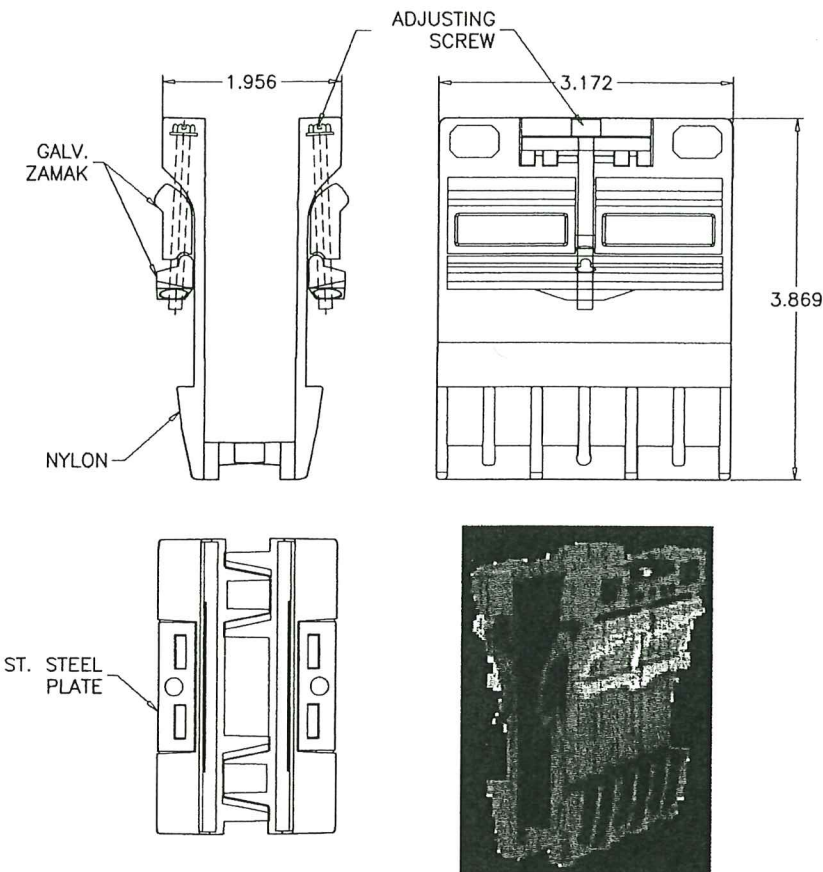
②A RAILING BASE (SLIMPACT GR120)



③ RAILING SHIM



① BASE COVER



④ GLASS CLAMP (SLIMPACT GR90)

④A GLASS CLAMP (SLIMPACT GR120)

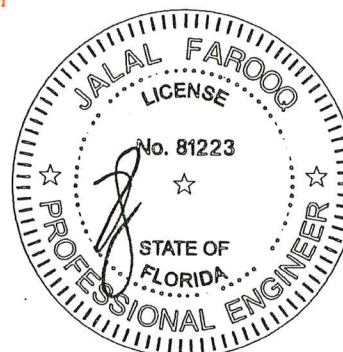
ITEM	PART #	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	KL	BASE COVER	6060-T6	-
2	PL1 200	RAILING BASE (SLIMPACT GR90)	6063-T6	-
2A	PL1 300	RAILING BASE (SLIMPACT GR120)	6063-T6	-
3	GP	RAILING SHIM (OPTIONAL)	6063-T6	-
4	PZ10	GLASS CLAMP (SLIMPACT GR90) @ 6" FROM ENDS & 12" O.C.	NYLON	-
4A	PZ12	GLASS CLAMP (SLIMPACT GR120) @ 4" FROM ENDS & 8" O.C.	NYLON	-
5	GU	INTERIOR/EXTERIOR GASKET	PVC	DUROMETER 80±5 SHORE A

PVC GASKETS PROPERTIES

BASE POLYMER = PVC
 DENSITY = 1.5g/cm³
 HARDNESS = SHORE D 90 HD
 IMPACT STRENGTH = 10 KJ/M²
 SOFTENING TEMPERATURE = 85° C
 FIREPROOF PERFORMANCE = B1
 TENSILE STRENGTH = 60 MPa

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 23-0918.11
 Expiration Date 06/25/2025
 By *H. A. Miller*
 Miami Date Product Control

AUG 30 2023



AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL (305) 264-8100 FAX (305) 262-6978

SLIMPACT GR90/SLIMPACT GR120 POSTLESS GLASS RAILING
Faour Glass Technologies
 5119 West Knox Street
 Tampa, FL. 33634
 Tel. (813) 884-3297 Fax. (-)

revisions:	no	date	by	description
	A	01.20.22		GENERAL REVISION
	B	08.28.23		NO CHANGE THIS SHEET

date: 07-29-20
 scale: 1/2" = 1"
 dr. by: TARIQ
 chk. by:
 drawing no.
20-60D
 sheet 6 of 6