GLOBAL IMPACT PRODUCTS, LLC.

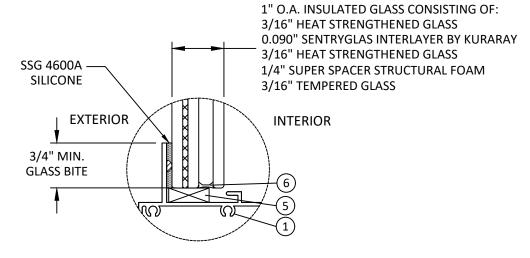
SERIES 3082 - FIXED ALUMINUM WINDOW (HVHZ)(IMPACT)

GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - ASTM E331-00(09)
 - ASTM E283-19
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: ALUMINUM (6063-T5)
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.

DESIGN RATING									
OVERA	ALL SIZE		DESIGN	MISSILE IMPACT					
WIDTH	HEIGHT	CONFIGURATION	PRESSURE	RATING					
SEE SI	HEET 2	"0"	SEE SHEET 2	LARGE & SMALL MISSILE IMPACT RATED					

TABLE OF CONTENTS						
SHEET	SHEET DESCRIPTION					
1	GENERAL NOTES AND GLAZING DETAIL					
2	ELEVATION AND DESIGN PRESSURE TABLE					
3	ANCHOR LAYOUT AND ANCHOR SCHEDULE					
4	VERTICAL SECTIONS					
5	HORIZONTAL SECTIONS					
6	ANCHOR DETAILS AND INSTALLATION NOTES					
7	COMPONENTS AND BILL OF MATERIALS					



GLAZING DETAIL 1

GLAZING NOTES:

- 1. GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
- 2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.

NOTE: WINDOW WAS TESTED WITHOUT GLAZING BEAD. GLAZING **BEAD IS OPTIONAL & NOT** REQUIRED



GLOBAL IMPACT PRODUCTS 1963 WEST MCNAB RD, POMPANO BEACH, FL 33069 PH: (561) 346-3649

(HVHZ)(IMPACT)
GENERAL NOTES AND
GLAZING DETAIL

BUILDING

REMARKS BY DATE

ND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFI ITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIA FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC



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DATE: 07.24.2024 CHK. BY: DWG. BY:

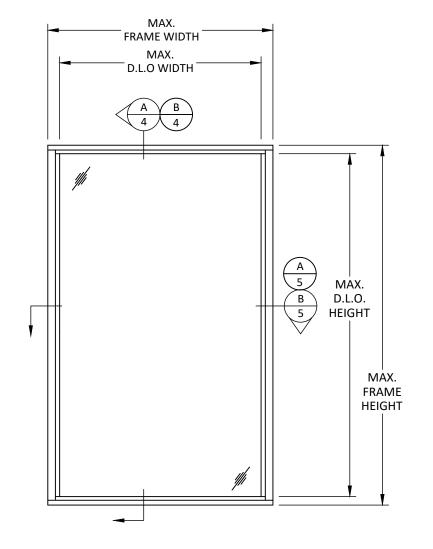
FB SCALE:

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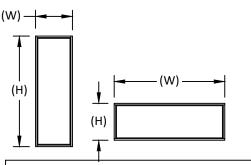
SHEET:





FIXED WINDOW - D.L.O. DIMENSIONS:

D.L.O. HEIGHT: FRAME HEIGHT - 4-1/16" D.L.O. WIDTH: FRAME WIDTH - 4-1/16"



NOTE:

WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM TESTED SQUARE FOOT AREA. ANCHOR SPACING SHALL NOT EXCEED THOSE SHOWN FOR LONG OR SHORT LEG OF UNIT.

ELEVATION

	SERIES 3082 - FIXED WINDOW DESIGN PRESSURE TABLE (+/- PSF)																						
	FRAME WIDTH (IN.)																						
		3	6	4	2		18	5	54	6	60	6	6	7	72	7	8	8	34	9	0	9	96
		POS. (+)	NEG. (-)																				
	48	110.0	120.0	110.0	120.0	110.0	120.0	110.0	120.0	110.0	120.0	110.0	120.0	110.0	120.0	110.0	120.0	110.0	120.0	110.0	120.0	110.0	120.0
	54	110.0	120.0	110.0	120.0	110.0	120.0	97.8	106.7	97.8	106.7	97.8	106.7	97.8	106.7	97.8	106.7	97.8	106.7	-	-	-	-
	60	110.0	120.0	110.0	120.0	110.0	120.0	97.8	106.7	88.0	96.0	88.0	96.0	88.0	96.0	-	-	-	-	-	-	-	-
	66	110.0	120.0	110.0	120.0	110.0	120.0	97.8	106.7	88.0	96.0	80.0	87.3	-	-	-	-	-	-	-	-	-	-
FRAME	72	110.0	100.0	110.0	120.0	110.0	120.0	97.8	106.7	88.0	96.0	-	-	-	-	-	-	-	-	-	-	-	-
HEIGHT	78	110.0	120.0	110.0	120.0	110.0	120.0	97.8	106.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(IN.)	84	110.0	120.0	110.0	120.0	110.0	120.0	97.8	106.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	90	110.0	120.0	110.0	120.0	110.0	120.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	96	110.0	120.0	110.0	120.0	110.0	120.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	102	110.0	120.0	110.0	120.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	108	110.0	120.0	110.0	120.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	114	110.0	120.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	120	110.0	120.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	126	110.0	120.0	-	-	-	-	_	-	-	-	-	-	-	-	-	_	-	_	-	-	-	-



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TITLE:

SERIES 3082 - FIXED ALUMINUM

WINDOW

(HVHZ)(IMPACT)

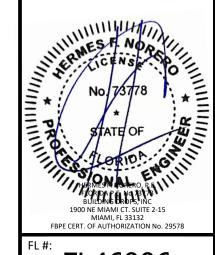
ELEVATION AND

DESIGN PRESSURE TABLE

BUILDING DROPS, I 1900 NE MIAMI CT. SUITE 2-1! MIAMI, FL 33132 PH: (954)399-8478 FAX: (954)394-4738

REMARKS BY DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



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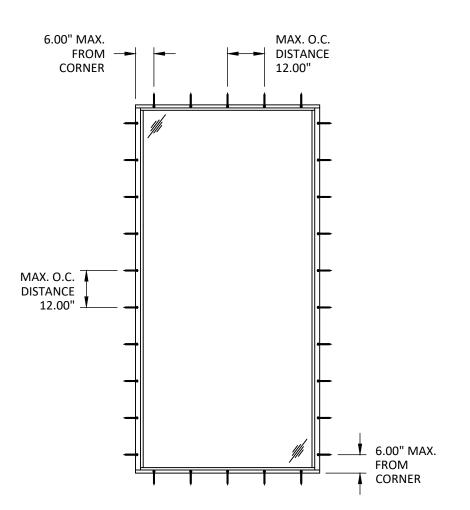
FL46906

DATE: 07.24.2024 CHK. BY:

DWG. BY: NTS SCALE:

GIP009 DWG. #:

SHEET:



ANCHOR LAYOUT THROUGH FRAME

ANCHOR SCHEDULE - SERIES 3082 FIXED ALUMINUM WINDOW									
INST. METHOD	ANCHOR TYPE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE					
	#14 WOOD SCREW	WOOD (S.G. = 0.55)	1.50"	0.75"					
THROUGH FRAME	1/4" SELF-TAPPING SCREW"	MIN. 18 GA. STEEL (33KSI)/ ALUMINUM 1/8" MIN. THK. 6063-T5	THREE (3) THREADS MIN. PENETRATION BEYOND METAL FACE	0.75"					
	1/4" ULTRACON+	CONCRETE: f'c = 3000 PSI	1.25"	2.00"					
	1/4" ULTRACON+	MASONRY : CMU PER ASTM-C90, MIN. 2000 PSI	1.75"	2.00"					



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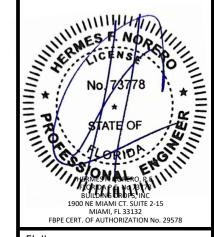
BUILDING DROPS, 1 1900 NE MIAMI CT. SUITE 2-11 MIAMI, FL 33132 PH: (954)399-8478 FAX: (954)7444738

TITLE: SERIES 3082 - FIXED ALUMINUM WINDOW (HVHZ)(IMPACT)

ANCHOR LAYOUT AND SCHEDULE

BY DATE **REMARKS**

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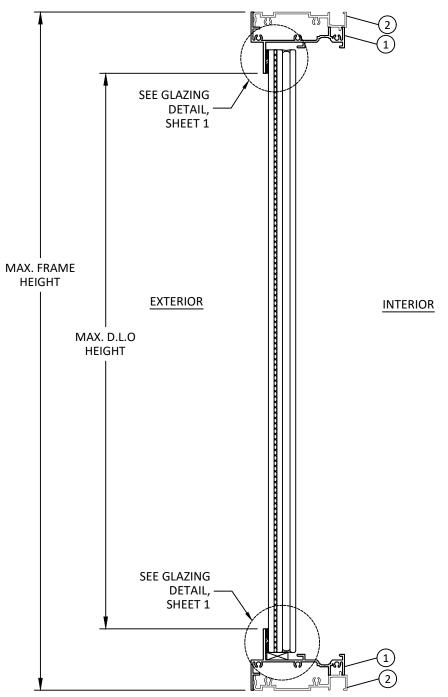
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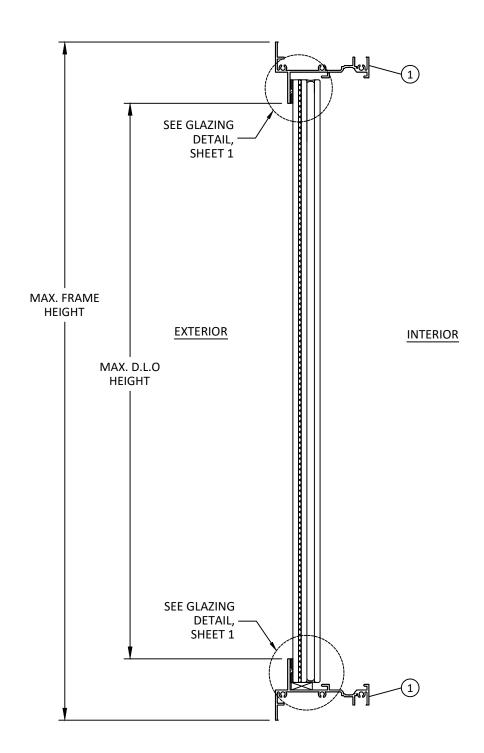
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NTS SCALE: GIP009 DWG. #:

SHEET:











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TITLE:

SERIES 3082 - FIXED ALUMINUM

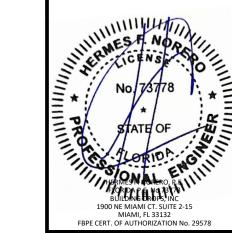
WINDOW

(HVHZ)(IMPACT)

VERTICAL SECTION BUILDING DROPS, I 1900 NE MIAMI CT. SUITE 2-1! MIAMI, FL 33132 PH: (954)399-8478 FAX: (954)744.4738

REMARKS BY DATE

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1900 NE MIAMI CT. SUITE 2-15 MIAMI, FL 33132 FBPE CERT. OF AUTHORIZATION No. 29578

FL #: FL46906

DATE: 07.24.2024

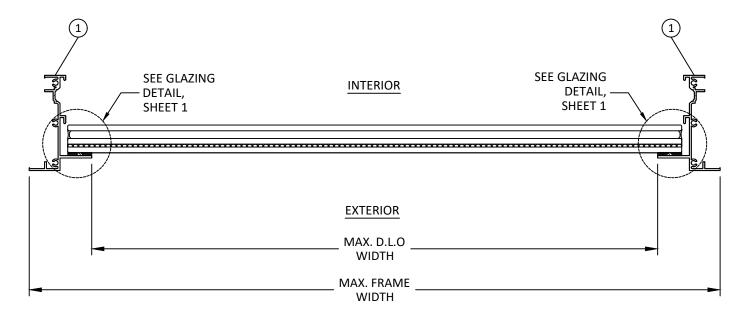
DWG. BY: SCALE:

CHK. BY: NTS

GIP009 DWG. #:

SHEET:









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TITLE:

SERIES 3082 - FIXED ALUMINUM

WINDOW

REMARKS

BUILDING DROPS, II 1900 NE MIAMI, FL 33132 PH: (954)399-8478 FAX: (954)7444738

BY DATE

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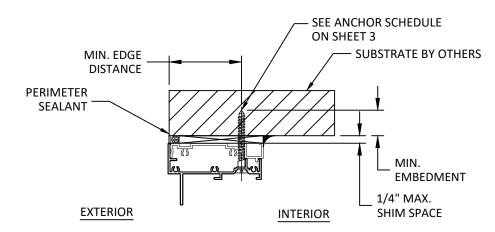
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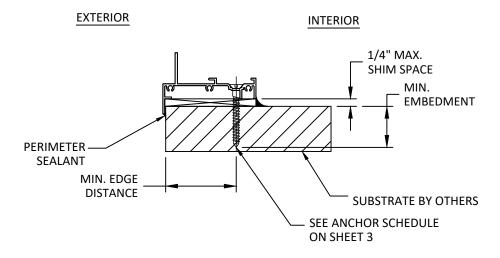




NOTE: HEAD DETAIL SHOWN, SILL AND JAMB DETAIL ARE SIMILAR.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 3.
- 2. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2" INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM(S) WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.



HORIZONTAL SECTION TYP. SILL INSTALLATION W/O FLUSH APATER THROUGH FRAME

> NOTE: SILL DETAIL SHOWN, JAMB AND **HEAD INSTALLATION** SIMILAR.

ANCHOR SCHEDULE - SERIES 3082 FIXED ALUMINUM WINDOW									
INST. METHOD	ANCHOR TYPE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE					
THROUGH FRAME	#14 WOOD SCREW	WOOD (S.G. = 0.55)	1.50"	0.75"					
	1/4" SELF-TAPPING SCREW"	MIN. 18 GA. STEEL (33KSI)/ ALUMINUM 1/8" MIN. THK. 6063-T5	THREE (3) THREADS MIN. PENETRATION BEYOND METAL FACE	0.75"					
	1/4" ULTRACON+	CONCRETE: f'c = 3000 PSI	1.25"	2.00"					
	1/4" ULTRACON+	MASONRY : CMU PER ASTM-C90, MIN. 2000 PSI	1.75"	2.00"					



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ALUMINUM BUILDING DROPS, (HVHZ)(IMPACT)
ANCHOR DETAILS AND
INSTALLATION NOTES

REMARKS BY DATE

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DATE: 07.24.2024 DWG. BY: CHK. BY:

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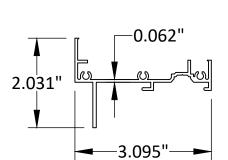
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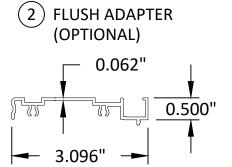
OF 7

HFN

BILL OF MATERIALS										
ITEM	PART No.	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS						
1	021-024	FRAME	6063-T5	-						
2	021-109	FLUSH ADAPTER	6063-T5	-						
3	012-003	SSG 4600A	SILICONE	G.E						
4	008-014	#8 X1 PHPH SMS	ST/ST	-						
5	015-008	1 / 2XL / 4XL / SETTING BLOCK	NEOPRENE	FRANK LOWE RUBBR						
6	015-006	0.150 SPACER	VINYL	FRANK LOWE RUBBR						
7	012-001	SEAM SEALER	ACRYLIC	SCHNEE MOREHEAD						



FRAME





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SERIES 3082 - FIXED ALUMINUM

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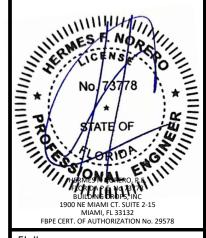
COMPONENTS AND BILL OF

MATERIALS

BUILDING DROPS, I'S 1900 NE MIANI, FL 33132 PH. (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com

REMARKS BY DATE

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DWG. BY:

CHK. BY: HFN NTS

DWG. #:

6. #: GIP009

SHEET:

SCALE:

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