

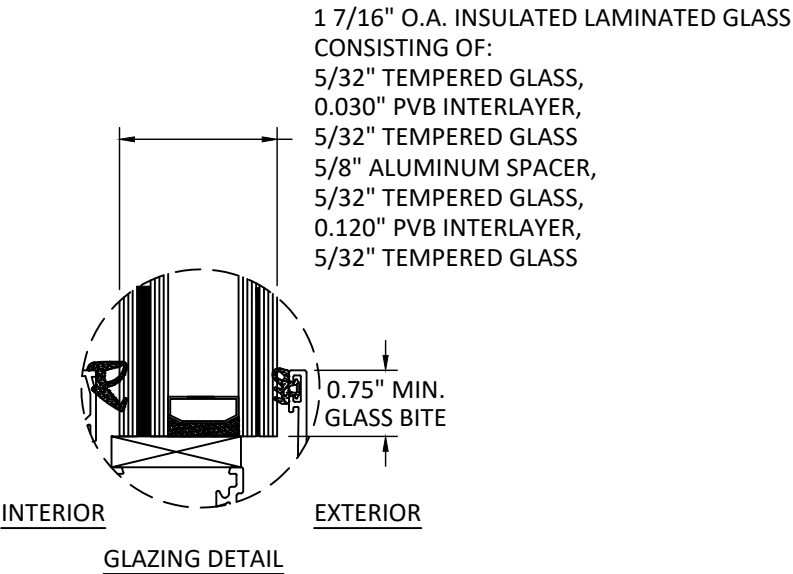
LUMINI WINDOWS & DOORS

IMPERIAL TILT & TURN WINDOWS

(WZ3)(IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202 - 94
 - ASTM E1886 - 19
 - ASTM E1996 - 20
 - AAMA/WDMA/CSA 101/I.S.2/A440 - 17
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X 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.
- 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.
- 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 IN WIND ZONE 3 OR LESS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
- DOOR FRAME MATERIAL: 6063-T5 ALUMINUM
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.



- GLAZING NOTES:
- GLASS TYPE AND THICKNESS COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, TEMPER, AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 - 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 IN DESIGN PRESSURE CHARTS.

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5	"XX" ANCHOR LAYOUTS
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7	HORIZONTAL SECTIONS
8	INSTALLATION NOTES & ANCHOR DETAILS

DESIGN PRESSURE RATING		
FRAME SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEET 2 & 3	SEE SHEET 2 & 3	LARGE AND SMALL MISSILE IMPACT RATED.



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2720 W. CHICAGO AVE.,
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TITLE:
IMPERIAL TILT&TURN WINDOWS
(WZ3)(IMPACT)

GENERAL NOTES & GLAZING DETAIL

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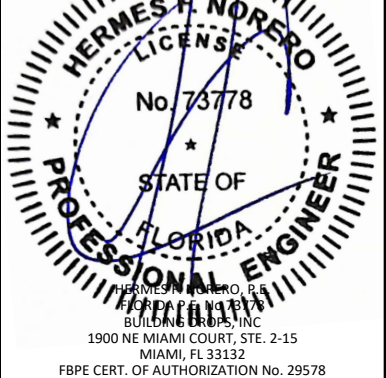
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REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.11.18 16:05:42 -0500



FL47165

DATE: 11.18.24

DWG. BY: JA

CHK. BY: HFN

SCALE: NTS

DWG. #: LWD005

SHEET:

1

OF 8

PREPARED BY:

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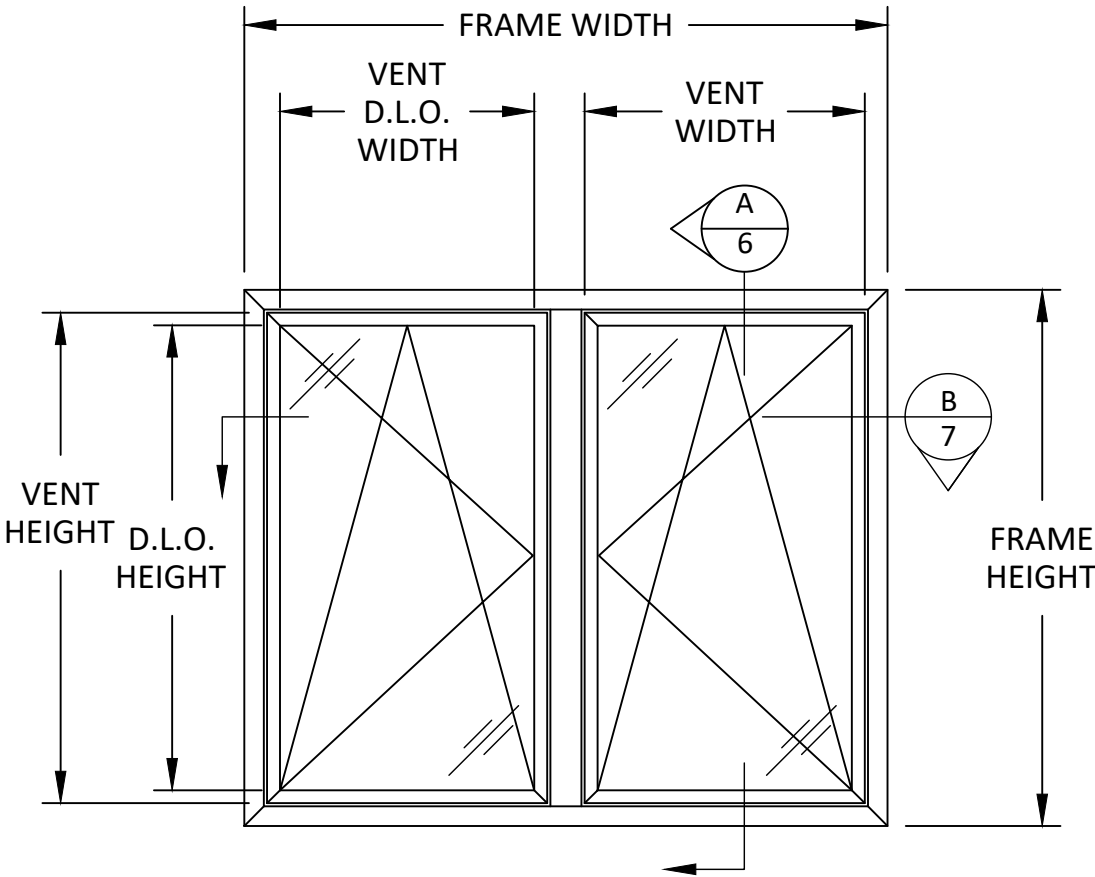


DESIGN PRESSURE TABLE		
PANEL WIDTH (IN.)	PANEL HEIGHT (IN.)	ALLOWABLE DESIGN PRESSURE (+/- PSF)
24.00	86.50	75.0
30.00		75.0
36.00		75.0
42.00		75.0
48.50		75.0
24.00	92.00	75.0
30.00		75.0
36.00		75.0
42.00		75.0
24.00	98.00	75.0
30.00		75.0
36.00		75.0
42.00		75.0
24.00	104.00	75.0
30.00		75.0
36.00		75.0
24.00	110.00	75.0
30.00		75.0
36.00		75.0
24.00	116.00	75.0
30.00		75.0
36.00		75.0
24.00	122.00	75.0
30.00		75.0
24.00	128.00	75.0
30.00		75.0
24.00	134.00	75.0
30.00		75.0
24.00	140.00	75.0

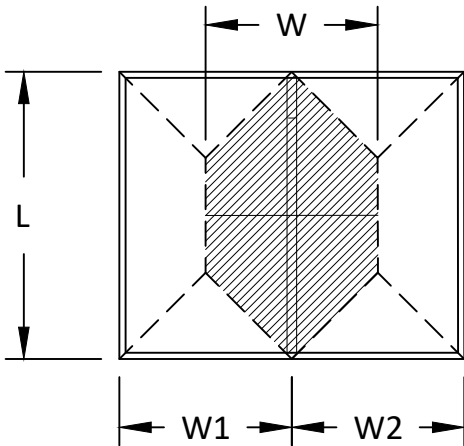
- SIZE NOTES:**

 1. D.L.O. HEIGHT = PANEL HEIGHT - 6.75"
 2. D.L.O. WIDTH = PANEL WIDTH - 7.00"
 3. FRAME HEIGHT = PANEL WIDTH + 2.75"
 4. FRAME WIDTH = PANEL WIDTH + 3.00"

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ELEVATION
XX CONFIGURATION



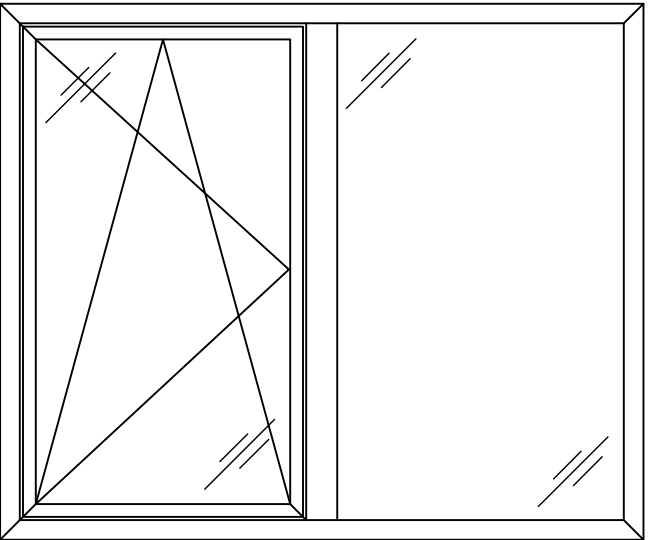
*TRIBUTARY WIDTH = $\frac{W1+W2}{2}$

SIZE NOTES:

1. VENT D.L.O. HEIGHT = FRAME HEIGHT - 6.75"
2. VENT D.L.O. WIDTH = FRAME WIDTH/2 - 7.7875"

DESIGN PRESSURE TABLE		
TRIBUTARY WIDTH (IN.)	FRAME HEIGHT (IN.)	ALLOWABLE DESIGN PRESSURE (+/- PSF)
27	42	60.0
33		60.0
39		60.0
35.4375		60.0
38		60.0
42		60.0
48	48	60.0
27		60.0
33		60.0
39		60.0
35.4375		60.0
38		60.0
27	54	60.0
33		60.0
35.4375		60.0
27	60	60.0
33		60.0
27	66	56.3
27	72	43.3

QUALIFIED CONFIGURATIONS



ELEVATION
XO CONFIGURATION

NOTE:
FIXED WINDOW DETAILS CAN BE FOUND
IN A SEPARATE APPROVAL



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(WZ3)/(IMPACT)

"XX" ELEVATION AND
DESIGN PRESSURE TABLE

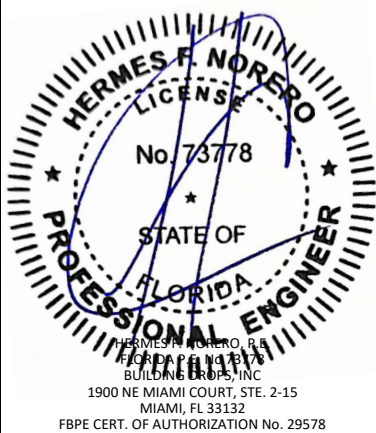
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DATE: **11.18.24**

DWG. BY:
JA

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **LWD005**

SHEET:

3

OF 8



LUMINI WINDOWS & DOORS
2720 W. CHICAGO AVE.,
CHICAGO IL 60622
PH: (773)-270-6586

TITLE: IMPERIAL TILT&TURN WINDOWS
(WZ3)(IMPACT)
"X" ANCHOR LAYOUT

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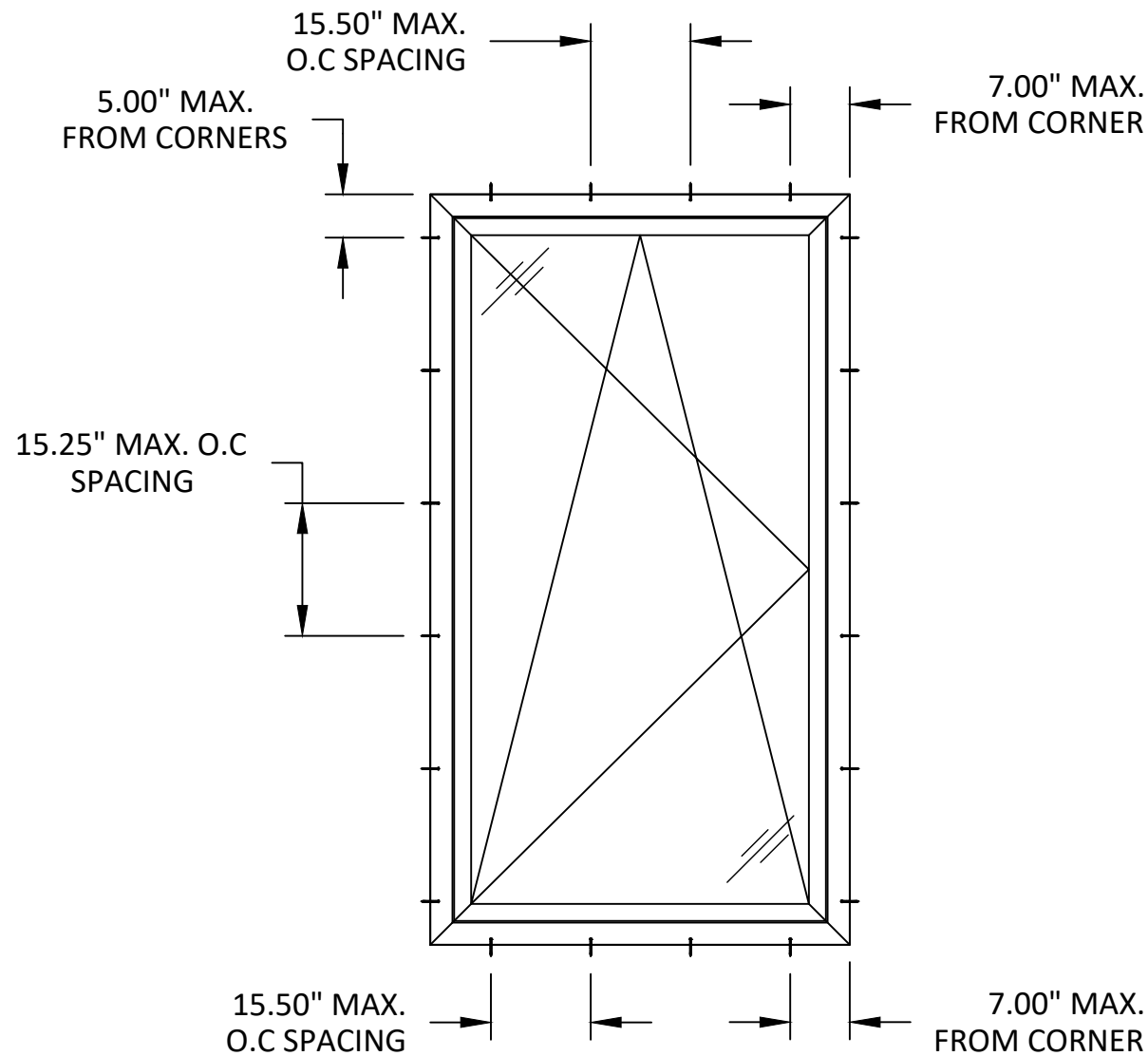
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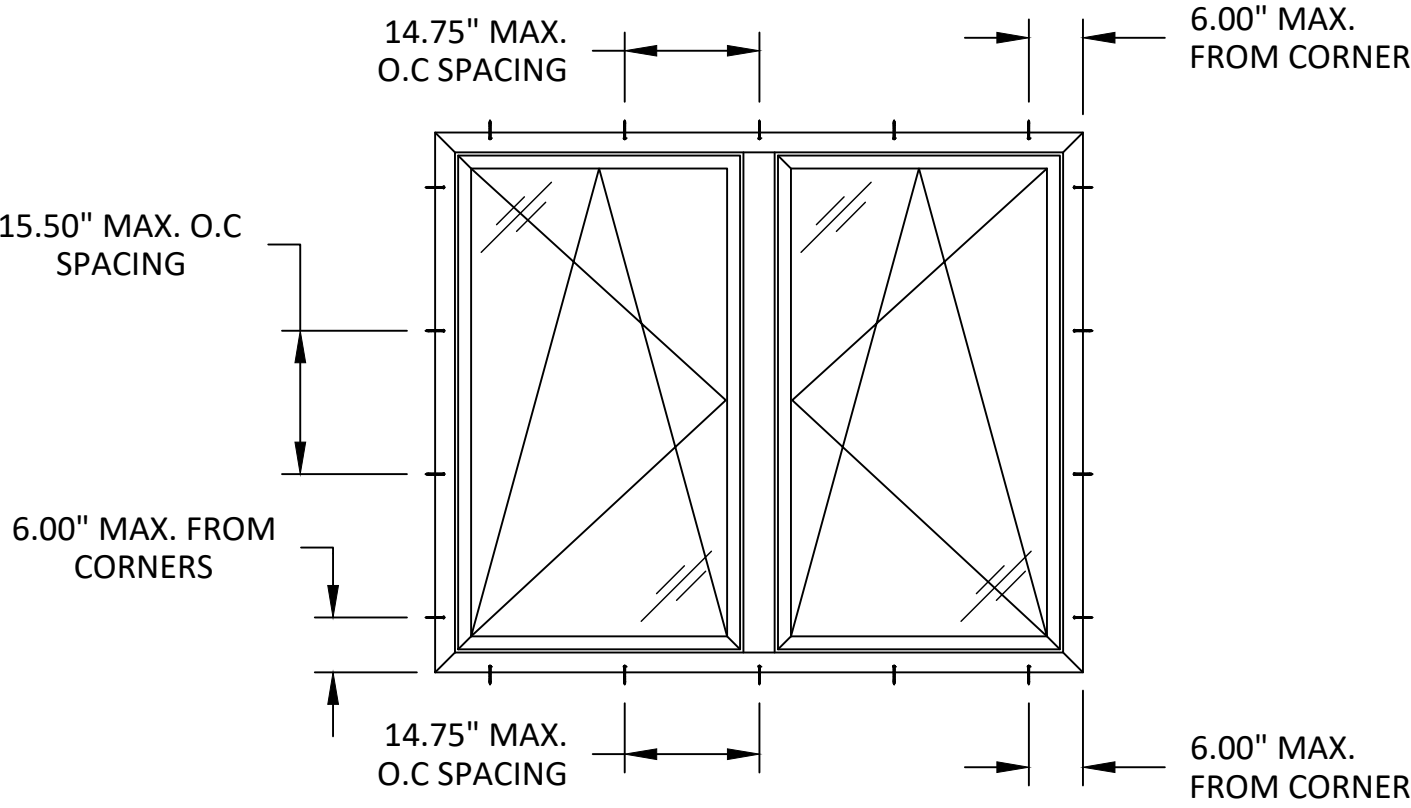
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ANCHOR LAYOUT

THROUGH FRAME INSTALLATION

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ANCHOR LAYOUT
THROUGH FRAME INSTALLATION



LUMINI WINDOWS & DOORS
2720 W. CHICAGO AVE.,
CHICAGO IL 60622
PH: (773)-270-6586

TITLE:
IMPERIAL TILT&TURN WINDOWS
(WZ3)/(IMPACT)
"XX" ANCHOR LAYOUTS

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BUILDING DROPS, INC.
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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DATE: 11.18.24

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CHK. BY: HFN

SCALE: NTS

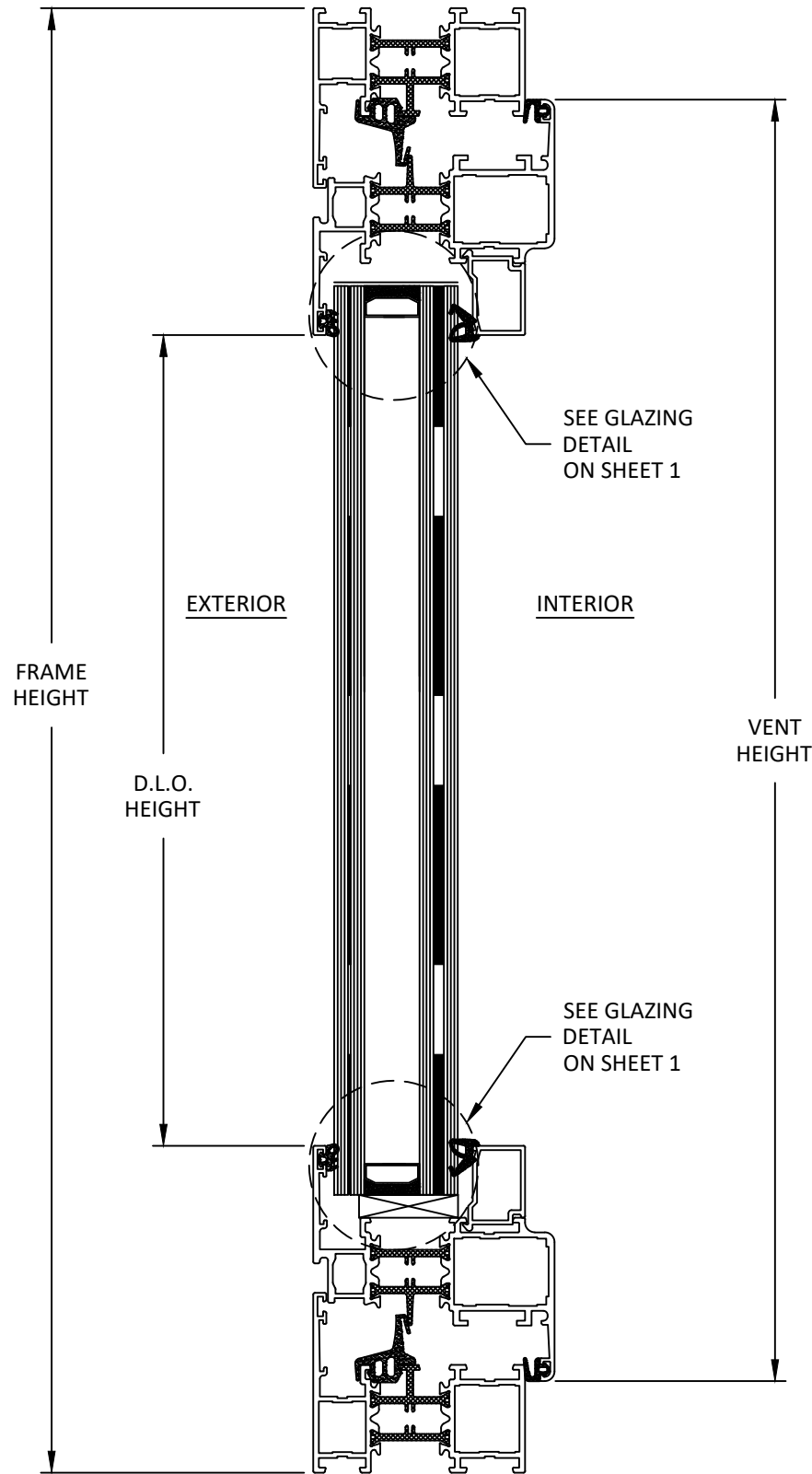
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A
6 VERTICAL SECTION
IMPERIAL TILT & TURN WINDOW



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2720 W. CHICAGO AVE.,
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TITLE:
IMPERIAL TILT&TURN WINDOWS
(WZ3)/(IMPACT)
VERTICAL SECTION

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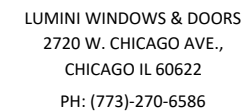
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HORIZONTAL SECTIONS

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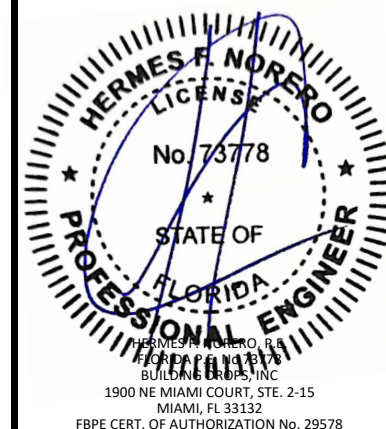
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