

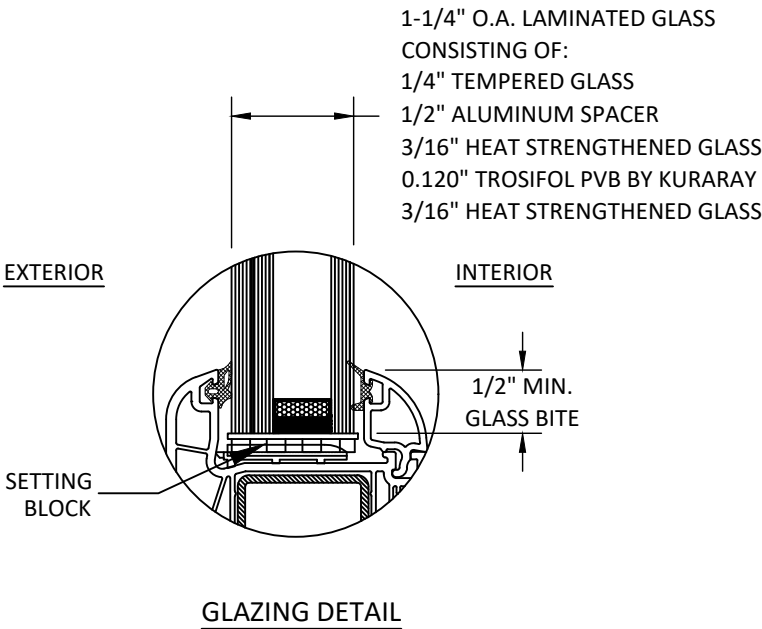
NK SOLUTION, LLC

X70 uPVC SERIES FIXED WINDOW

(WZ3)(IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- AAMA/WDMA/CSA 101/I.S.2/A440-17
 - ASTM E1886-19
 - ASTM E1996-20
2. 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.
4. 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.
5. 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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.
7. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
8. WINDOW FRAME MATERIAL: uPVC
9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.



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.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.

TABLE OF CONTENTS

SHEET	DESCRIPTION
1	GENERAL NOTES & GLAZING DETAIL
2	ELEVATION & DESIGN PRESSURE TABLES
3	ANCHOR LAYOUT
4	VERTICAL SECTION
5	HORIZONTAL SECTION
6	ANCHOR DETAIL & INSTALLATION NOTES

DESIGN PRESSURE RATING (PSF)

CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
O	SEE TABLE ON SHEET 2			LARGE AND SMALL MISSILE IMPACT



NK SOLUTION, LLC
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GENERAL NOTES &
GLAZING DETAIL

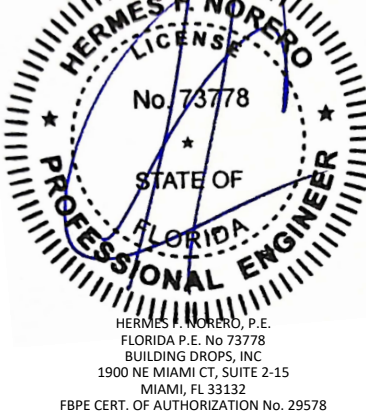
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REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.02.13 02:13:53 -0500



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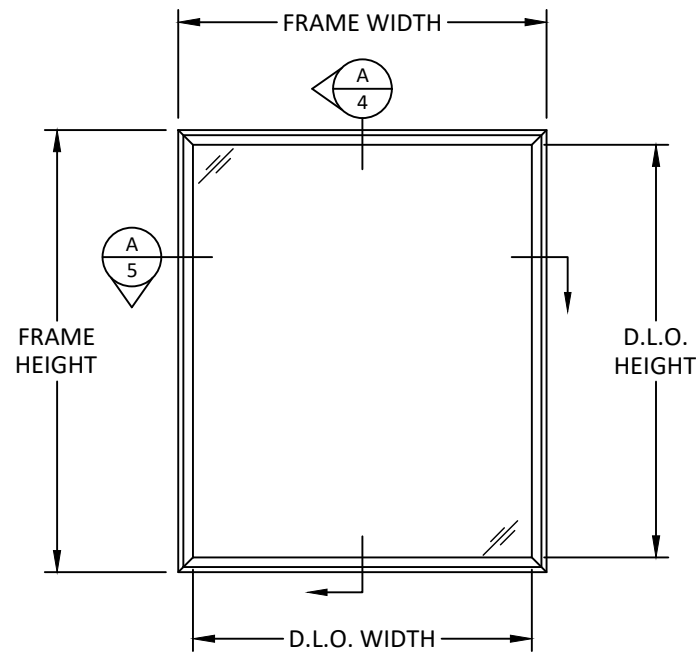
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OF 6



ELEVATION

D.L.O. HEIGHT = FRAME HEIGHT - 5.04"
D.L.O. WIDTH = FRAME WIDTH - 5.04"

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, SEE ANCHOR LAYOUT ON SHEET 3.

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		POS. (+)	NEG. (-)
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)		
36	36	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
72		70	70
78		70	70
84		70	70
90		70	70
96		70	70
102		70	70
108		70	70
114		70	70
120		70	70
36	42	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
72		70	70
78		70	70
84		70	70
90		70	70
96		70	70
102		70	70
36	48	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
72		70	70
78		70	70
84		70	70
90		69.6	69.6
36	54	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
72		70	70
78		69.4	69.4

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		POS. (+)	NEG. (-)
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)		
36	60	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
72		70	70
36	66	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
72	72	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
36	78	70	70
42		70	70
48		70	70
54		69.4	69.4
60		70	70
66		70	70
72	84	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
72	90	70	70
42		70	70
48		69.6	69.6
54		70	70
60		70	70
66		70	70
72	96	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
72	102	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
72	108	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
72	114	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70
72	120	70	70
42		70	70
48		70	70
54		70	70
60		70	70
66		70	70

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PRESSURE TABLES

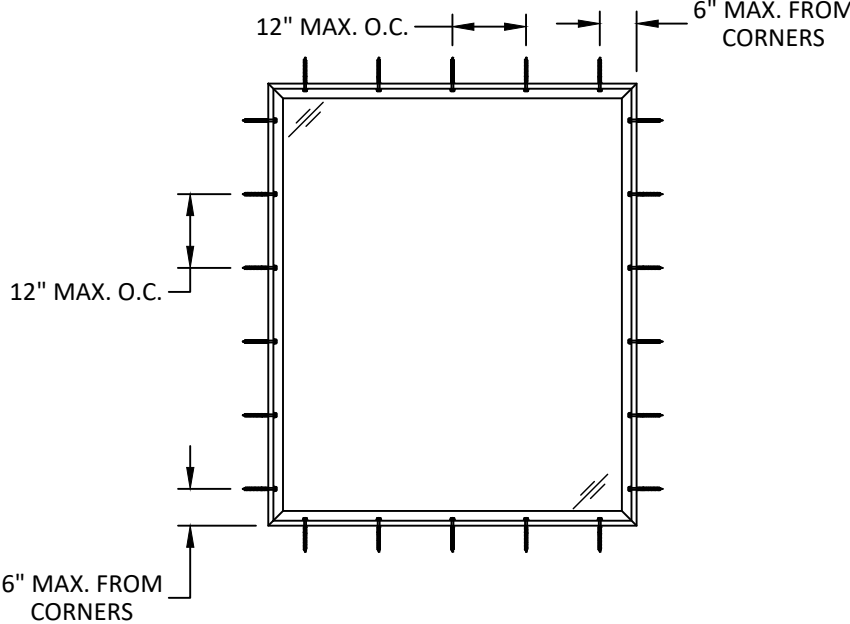
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BUILDING DROPS, INC
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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DWG. #:	NKS003
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ANCHOR LAYOUT
STRAP INSTALLATION



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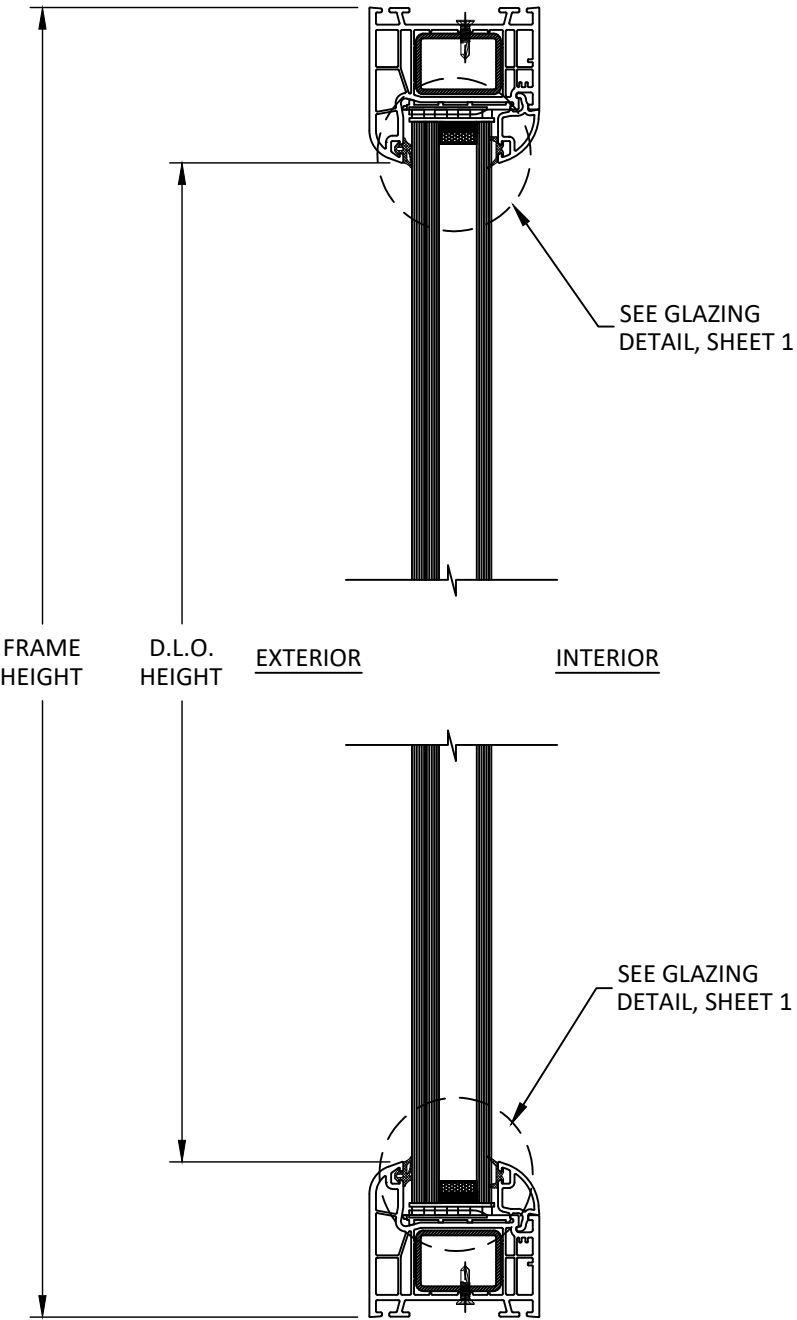
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VERTICAL SECTION



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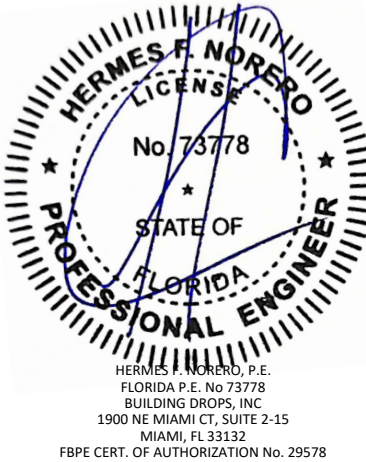
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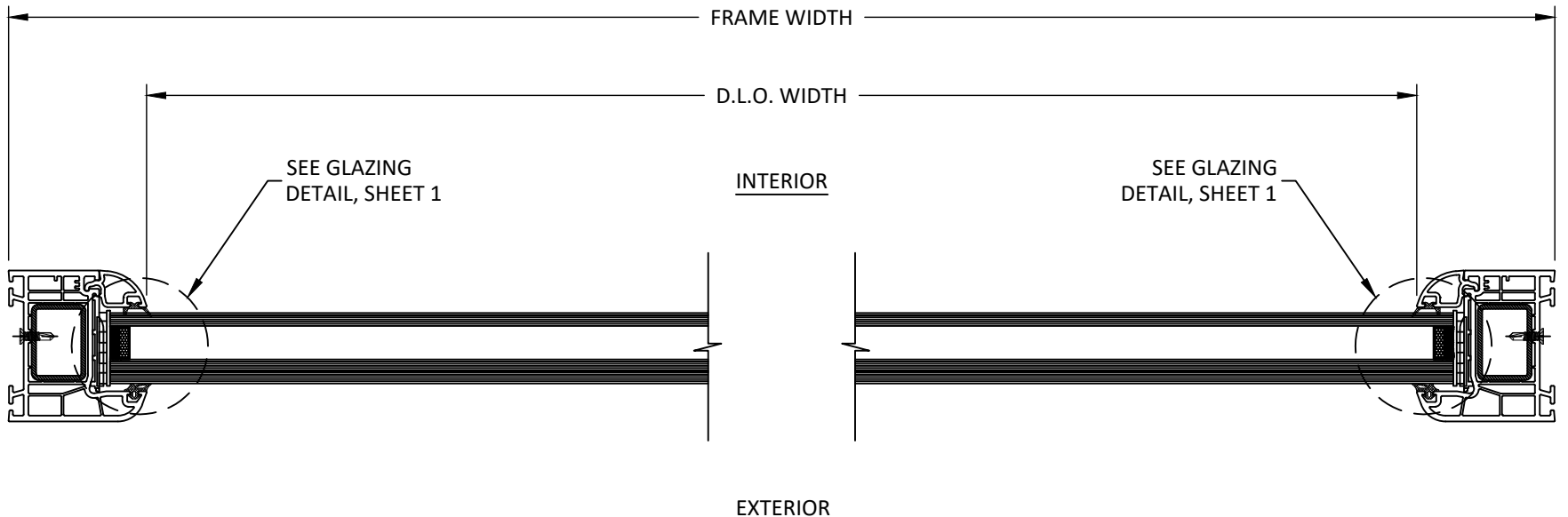
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A
5 **HORIZONTAL SECTION**



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X70 uPVC SERIES
FIXED WINDOW
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BUILDING DROPS

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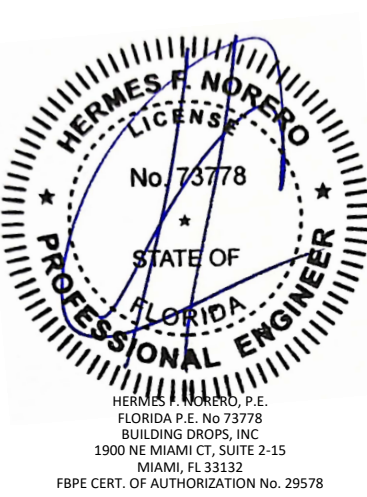
X70 uPVC SERIES
FIXED WINDOW
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ANCHOR DETAIL &
INSTALLATION NOTES

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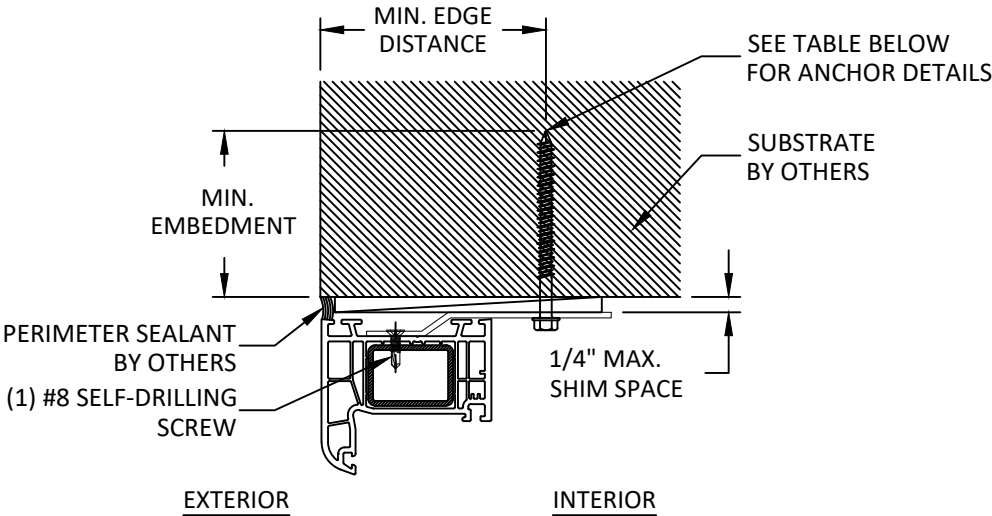
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SHEET:



A
6

ANCHOR DETAIL

STRAP INSTALLATION
HEAD SHOWN, JAMB/SILL SIMILAR

INSTALLATION NOTES:

- TWO (2) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 3.
- 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 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.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
STRAP	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"
	METAL: MIN. 18 GA. STEEL, MIN. Fy = 33KSI MIN. 1/8" ALUMINUM, MIN. 6063-T5	#10 SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	CONCRETE: MIN. F'C = 3000 PSI	3/16" ITW TAPCON	1.00"	2.00"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI			4.00"