

INSTALLATION NOTES:

1. *ONE (1)* INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. 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.
4. FOR INSTALLATION THROUGH 2X WOOD FRAME USE ONE (1) #10 WOOD SCREWS PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/ MASONRY, USE ONE (1) 3/16 INCH ITW TAPCON PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
6. FOR INSTALLATION THROUGH METAL STUD USE ONE (1) #10 SELF-TAPPING SCREWS PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION THROUGH METAL FRAME SUBSTRATE.
12. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
13. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
14. 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.
15. 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.
16. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 2700 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 33 MILS. (20 GAUGE)
 - E. ALUMINUM - 1/8" MINIMUM THICKNESS (6063-T5).

QUAKER WINDOW PRODUCTS

SERIES "K200 (4000)" THERMALLY-BROKEN ALUMINUM FIXED WINDOW

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2010 FLORIDA BUILDING CODE (FBC) ALSO WITH 2006 INTERNATIONAL BUILDING CODE AND THE 2006 INTERNATIONAL RESIDENTIAL CODE, EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-05
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD 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. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: ALUMINUM 6063-T6
7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 3 FOR GLAZING DETAILS..
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
 X: OPERABLE PANEL
 O: FIXED PANEL
9. CUSTOM SIZES AVAILABLE UPON REQUEST.

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2	-	ELEVATIONS & ANCHOR LAYOUTS
3	-	VERTICAL & HORIZONTAL SECTIONS, GLAZING DETAIL
4	-	COMPONENTS & BILL OF MATERIALS

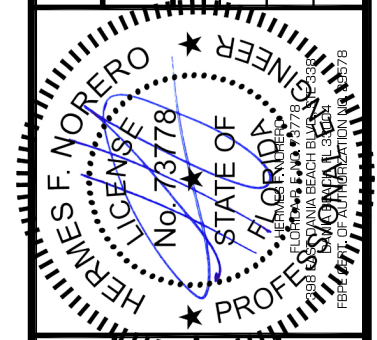
SIZE & CONFIGURATION	DESIGN PRESSURE	MISSILE IMPACT RATING
(O) 64 1/4" X 71"	+60/-60 PSF	N/A



504 HIGHWAY 63 SOUTH
 FREEBURG, MO 65582
 PH: (651) 264-5150 FX: (651) 264-5485

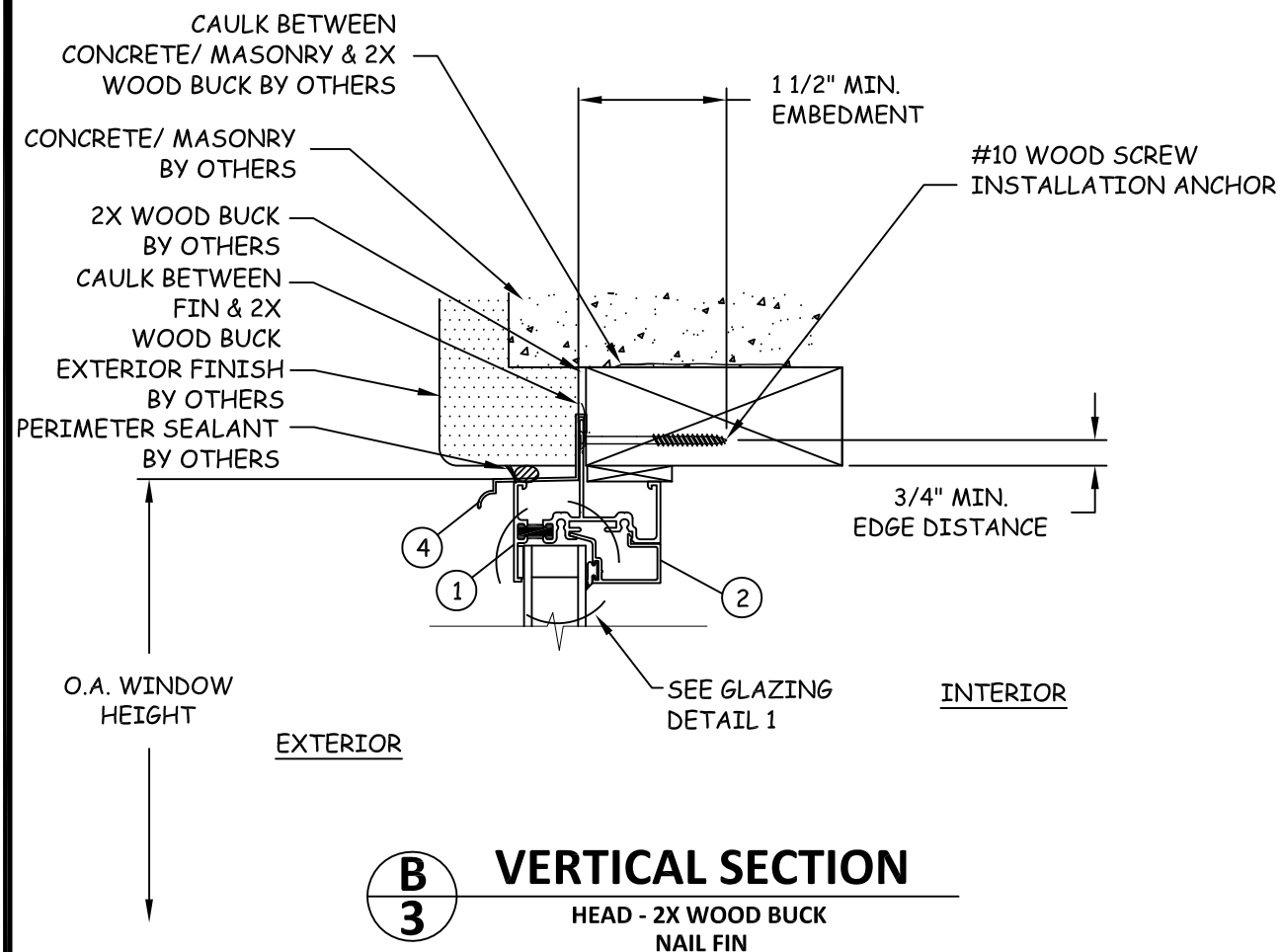
TITLE: SERIES K200 (4000) FIXED WINDOW GENERAL AND INSTALLATION NOTES
 PREPARED BY: BUILDING DROPS, INC.
 398 EAST DANIA BEACH BLVD., STE. 338
 DANIA BEACH, FL 33004
 PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS	DESCRIPTION	BY	DATE
	NO.		

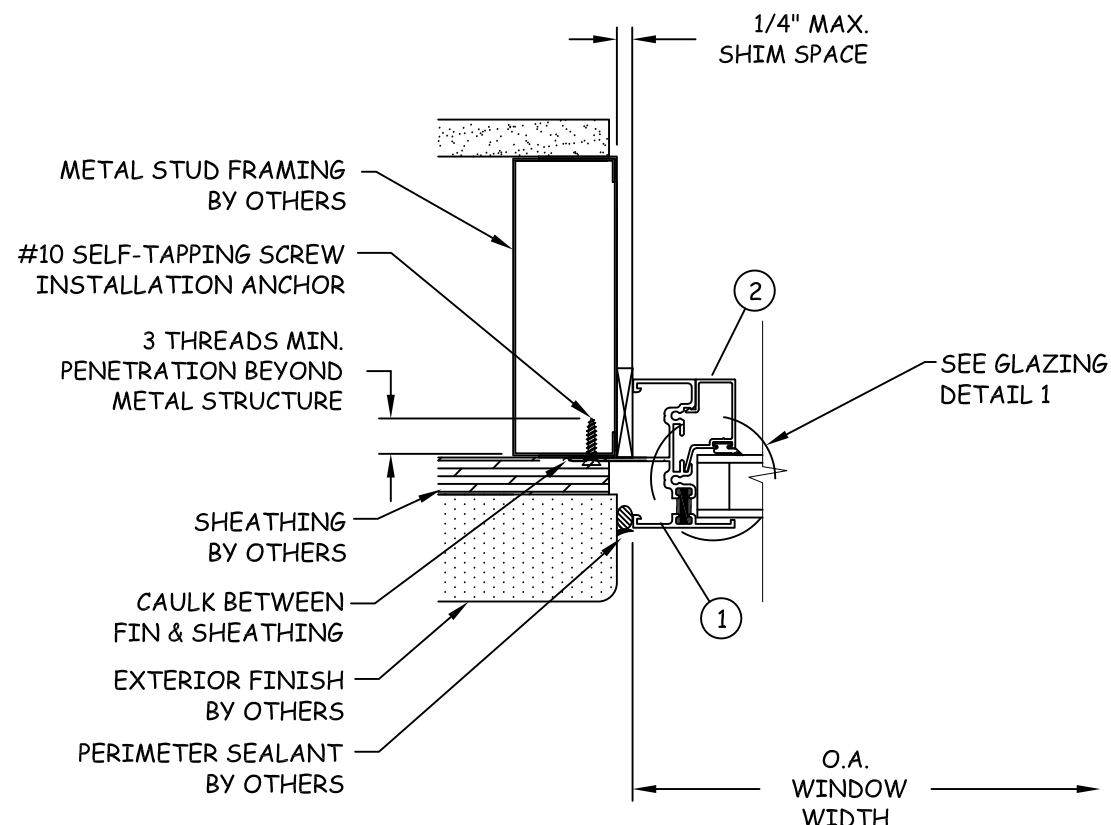


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 CHK BY: HFN
 SCALE: NTS

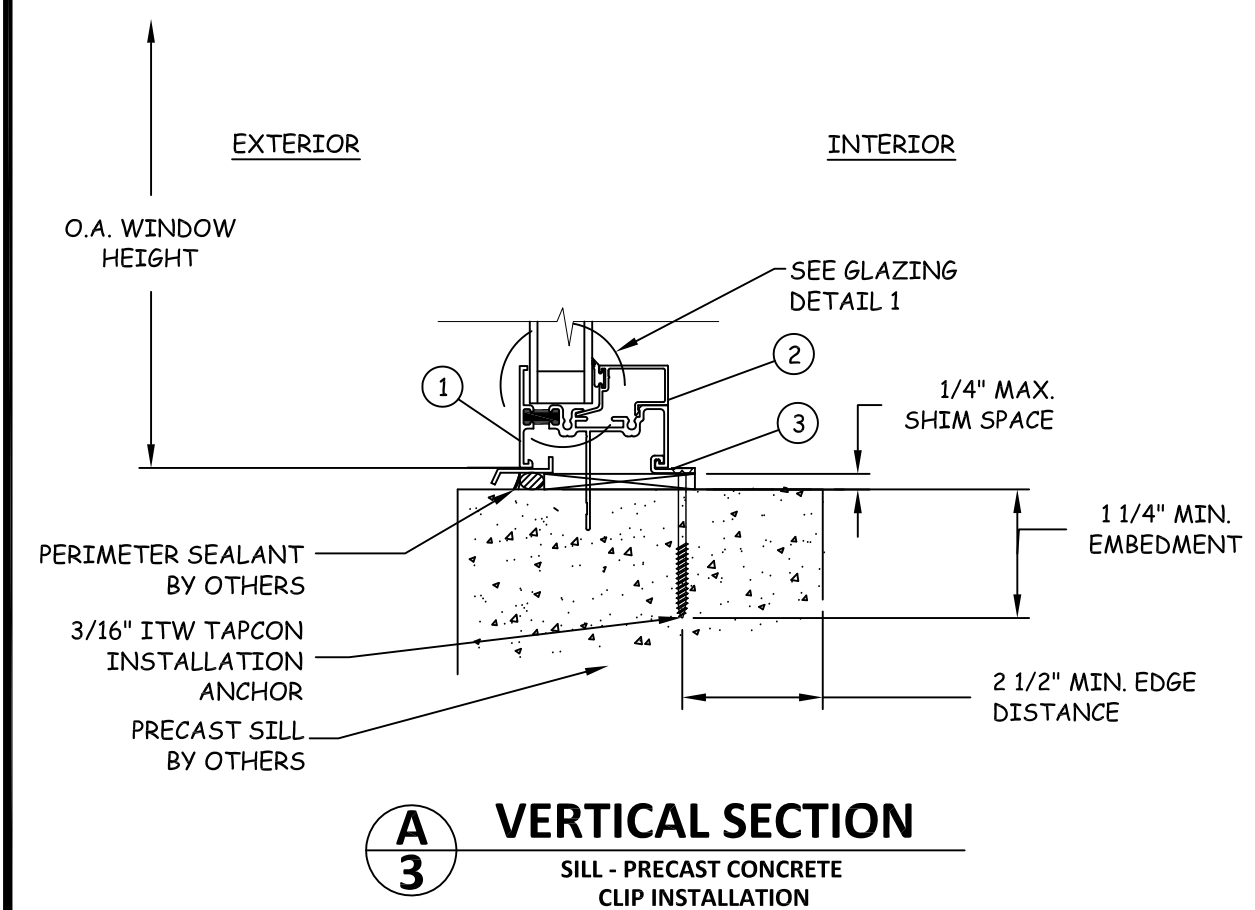
DWG #: **QWP014**
 SHEET: **1 OF 4**



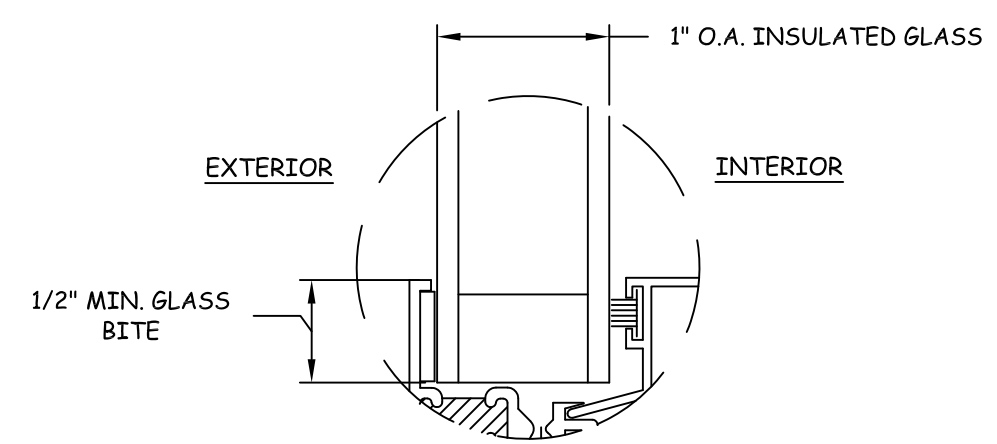
B
3 VERTICAL SECTION
HEAD - 2X WOOD BUCK
NAIL FIN



C
3 HORIZONTAL SECTION
JAMB - METAL STUD FRAME
NAIL FIN



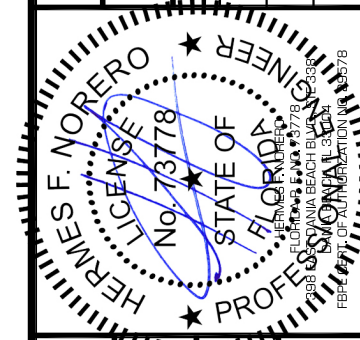
A
3 VERTICAL SECTION
SILL - PRECAST CONCRETE
CLIP INSTALLATION



GLAZING DETAIL 1

NOTE:
GLASS THICKNESS AND TYPE
MAY VARY PER ASTM E 1300
GLASS CHART REQUIREMENTS

TITLE: SERIES K200 (4000) FIXED WINDOW HORIZONTAL & VERTICAL SECTIONS GLAZING DETAIL	BY	DATE			
	DESCRIPTION				
PREPARED BY: BUILDING DROPS, INC. 398 EAST DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954) 399-8478 FX: (954) 744-4738	NO.				



DATE:	5.2.13
DWN BY:	MTJ
CHK BY:	HFN
SCALE:	NTS

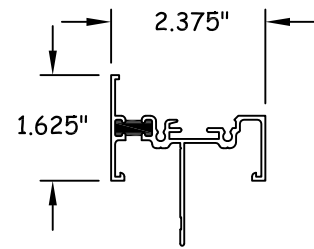
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QWP014
SHEET: **3 OF 4**



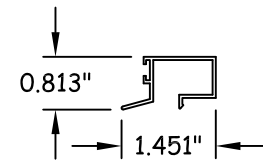
504 HIGHWAY 63 SOUTH
 FREEBURG, MO 65582
 PH: (651) 264-5150 FX: (651) 264-5485

NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	FRAME	ALUMINUM 6063-T6	WELLS ALUM.
2	GLAZING BEAD	ALUMINUM 6063-T6	WELLS ALUM.
3	INSTALLATION CLIP	ALUMINUM 6063-T6	WELLS ALUM.
4	DRIP CAP	ALUMINUM 6063-T6	WELLS ALUM.

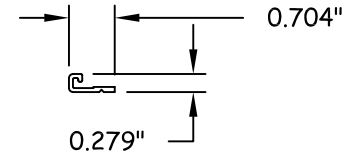
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 ALUMINUM 6063-T6



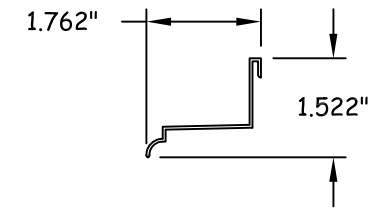
2 GLAZING BEAD
 ALUMINUM 6063-T6



3 INSTALLATION CLIP
 ALUMINUM 6063-T6



4 DRIP CAP
 ALUMINUM 6063-T6

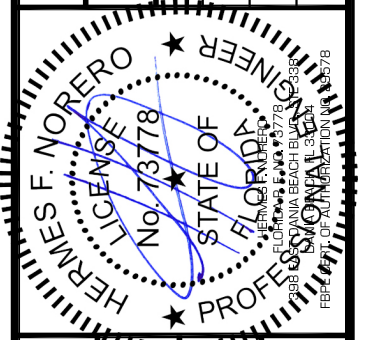


TITLE: SERIES K200 (4000)
 FIXED WINDOW
 BILL OF MATERIALS
 COMPONENTS

PREPARED BY:
 BUILDING DROPS, INC.
 398 EAST DANIA BEACH BLVD., STE. 338
 DANIA BEACH, FL 33004
 PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS

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 SCALE: NTS

DWG #: QWP014
 SHEET: 4 OF 4