

YKK AP AMERICA, INC.

YTD 350 T ALUMINUM OUTSWING TERRACE DOOR (NON-HVHZ) (NON-IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT 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.
- 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.
- FOR INSTALLATION INTO WOOD FRAMING USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 1/4 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
- FOR INSTALLATION THROUGH STEEL STUD USE #14 SELF-TAPPING SCREW OR EQUIVALENT OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
- 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.
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.
 - ALUMINUM - MINIMUM 6063-T5 ALLOY. MINIMUM 1/16" WALL THICKNESS.
- INSTALLATION SHALL FOLLOW MANUFACTURERS RECOMMENDATIONS FOR SEALING PRODUCT AND ACCESSORY ITEMS.

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:
 - AAMA/WDMA/CSA 101/I.S.2/A440-22
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING 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.
- 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 REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: ALUMINUM 6063-T5
- DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC, CHAPTER 20.
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAILS.

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DESIGN PRESSURE TABLE				
MAX. SIZE	CONFIGURATION	SILL TYPE	DESIGN PRESSURE	MISSILE IMPACT RATING
42.0" X 120"	X	STANDARD OR LOW PROFILE	+80/-80 PSF	NON-IMPACT
48.0" X 96.0"		STANDARD OR LOW PROFILE	+80/-80 PSF	
96.0" X 96.0"	XX	STANDARD	+65/-65 PSF	NON-IMPACT

NOTES:

- TYPICAL 3 ½" FRAME PROFILES SHOWN THROUGHOUT, 4 ½" FRAME PROFILE (ITEM #37, SEE B.O.M.) QUALIFIED FOR ALL RATINGS, INSTALLATION METHODS AND HARDWARE OPTIONS. SEE SHEET 7 FOR ALTERNATE YWW FRAMING.



YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE: YTD 350T ALUMINUM
OUTSWING TERRACE DOOR
(NON-HVHZ) (NON-IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

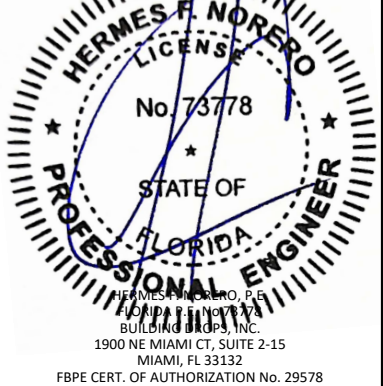
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MIAMI, FL 33132
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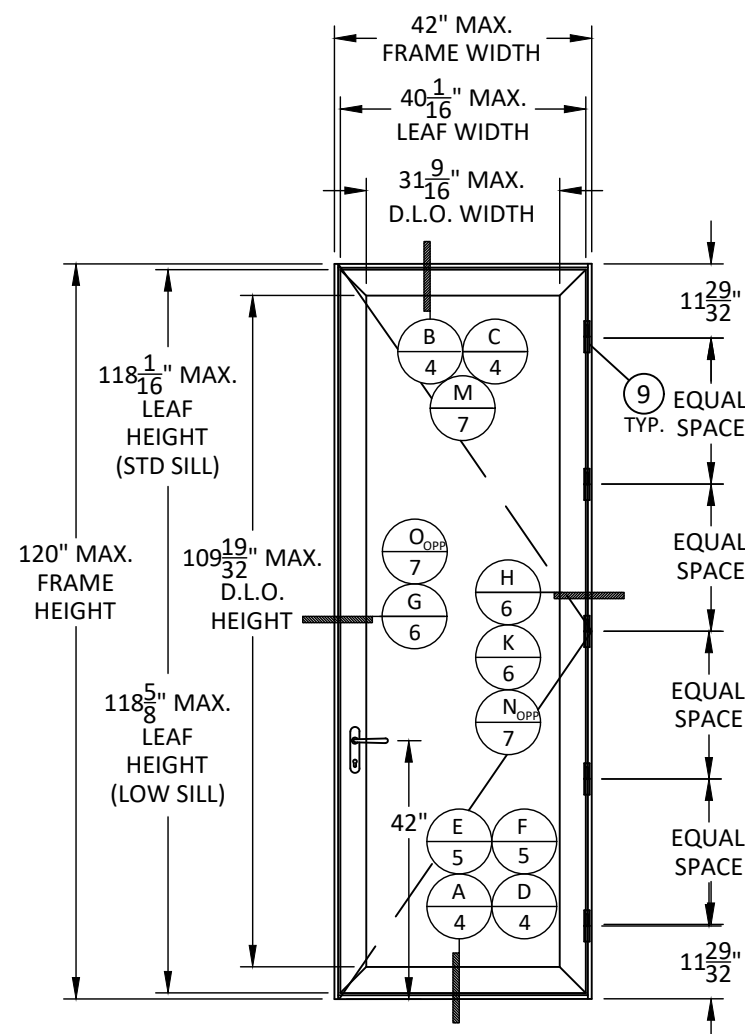
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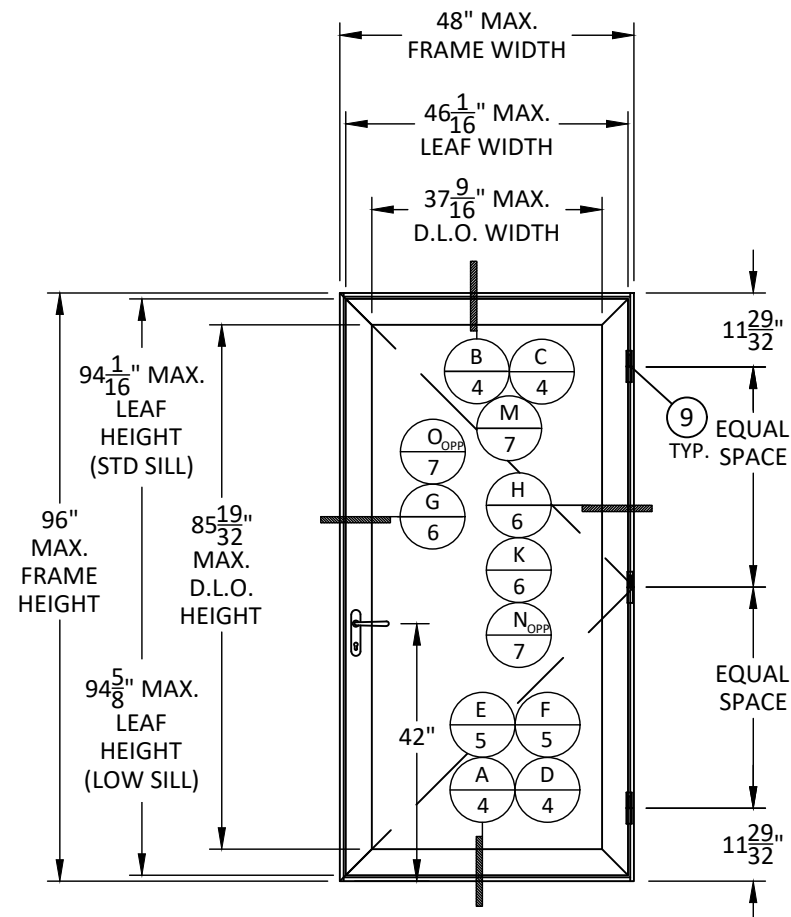
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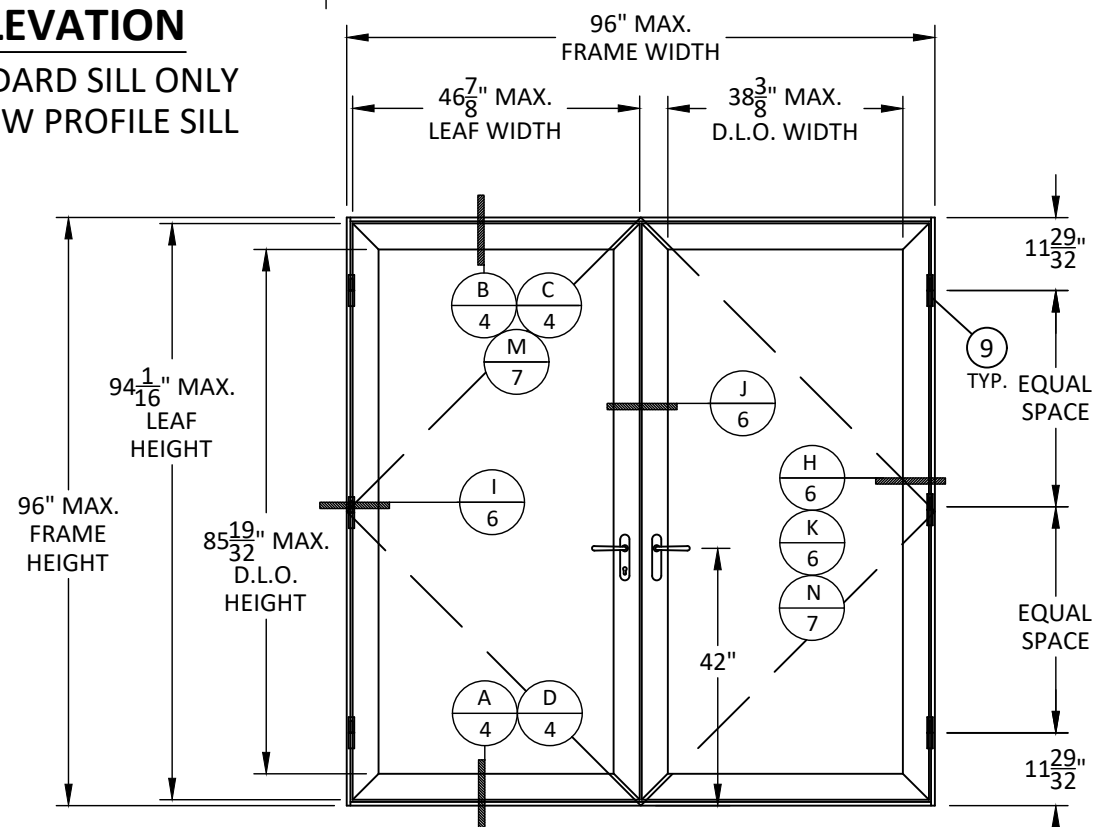
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OF 10



ELEVATION
STANDARD SILL ONLY
OR LOW PROFILE SILL



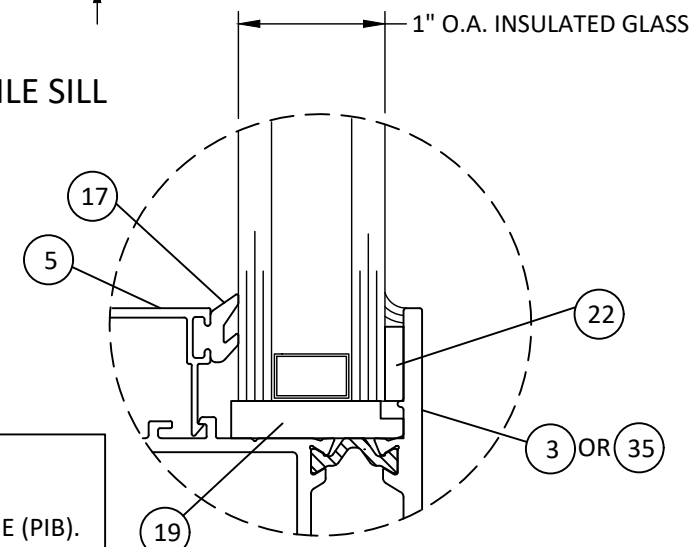
ELEVATION
STANDARD OR LOW PROFILE SILL



ELEVATION
STANDARD SILL ONLY

AIR SPACE CONSISTING OF :
- SPACER: ALUMINUM BOX SPACER.
- PRIMARY SEALANT: POLYISOBUTYLENE (PIB).
- SECONDARY SEALANT: STRUCTURAL SILICONE
INTENDED FOR FABRICATION OF INSULATING
GLASS UNITS.

GLAZING NOTE:
• GLASS THICKNESS AND TYPE SHALL
COMPLY WITH ASTM E-1300



GLAZING DETAIL



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ELEVATIONS & GLAZING DETAIL

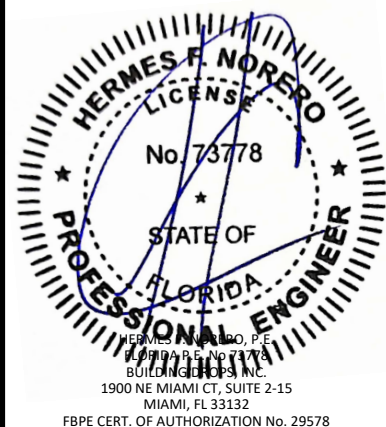
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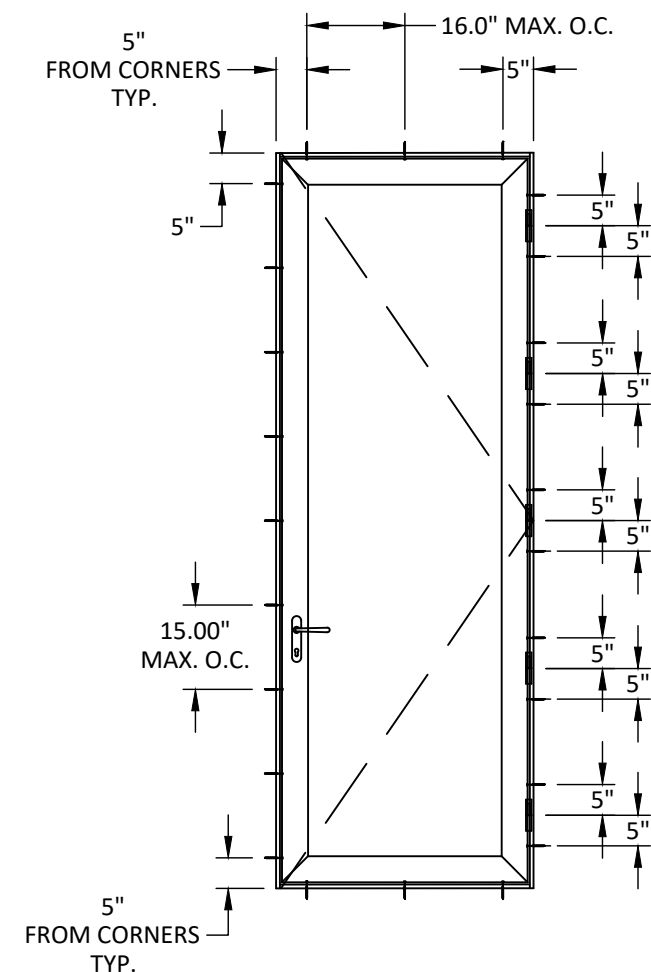
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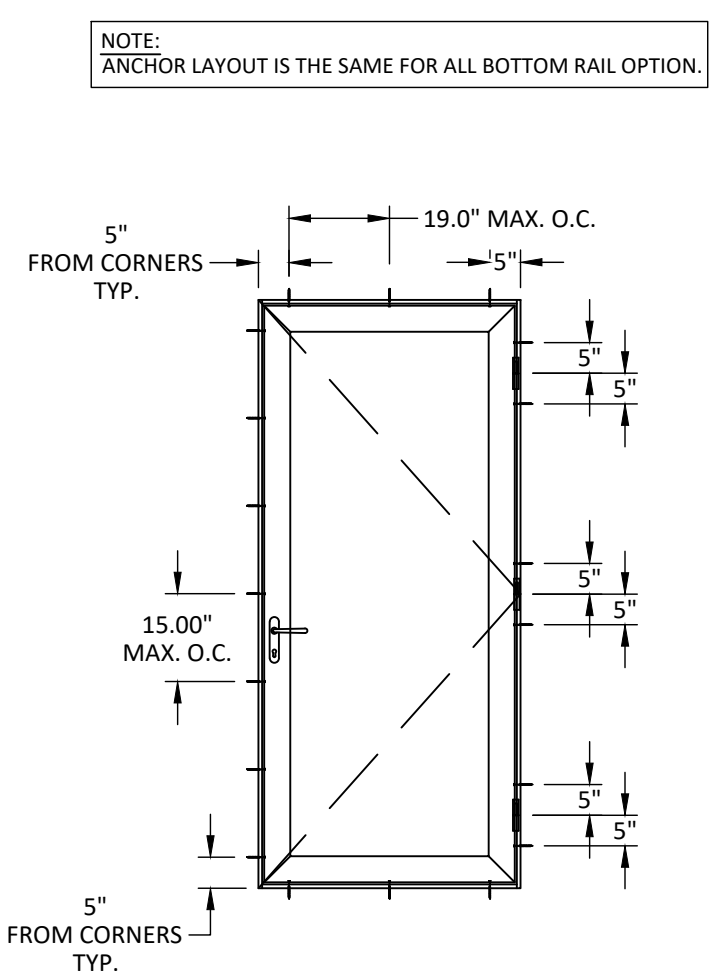
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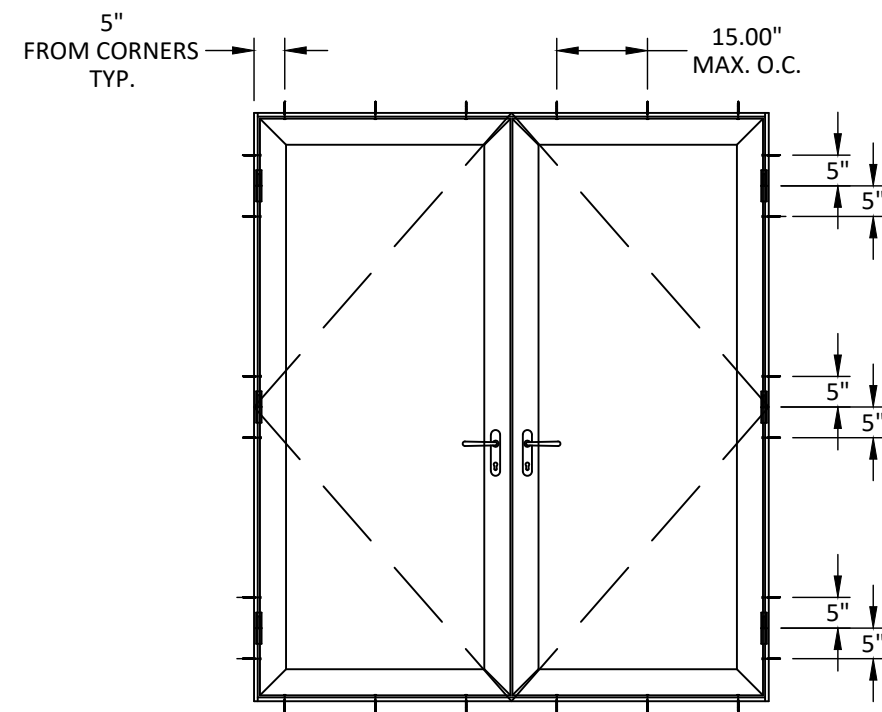
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ANCHOR LAYOUT
TYPICAL



ANCHOR LAYOUT
TYPICAL



ANCHOR LAYOUT
TYPICAL

- HARDWARE NOTES:**
- EUROGROOVE MULTI POINT LOCK SYSTEM
 - 8' TALL DOORS UTILIZE EUROGROOVE MULTI POINT LOCK SYSTEM WITH A TOTAL OF 3 LATCHING POINTS AT MEETING STILES, 2 LATCH POINTS AT HEAD OF EACH PANEL, AND 2 LATCH POINTS AT THE SILL OF EACH PANEL.
 - 9' TALL DOORS UTILIZE EUROGROOVE MULTI POINT LOCK SYSTEM WITH A TOTAL OF 4 LATCHING POINTS AT MEETING STILES, 2 LATCH POINTS AT HEAD OF EACH PANEL, AND 2 LATCH POINTS AT THE SILL OF EACH PANEL.
 - 10' TALL DOORS UTILIZE EUROGROOVE MULTI POINT LOCK SYSTEM WITH A TOTAL OF 9 LATCHING POINTS AT MEETING STILES, 3 LATCH POINTS AT HEAD OF EACH PANEL, AND 4 LATCH POINTS AT THE SILL OF EACH PANEL.
 - EUROGROOVE HINGES (ITEM #9)
 - 8' TALL DOORS SHALL UTILIZE A MINIMUM OF 3 HINGES ALONG HINGE STILE.
 - 9' TALL DOORS SHALL UTILIZE A MINIMUM OF 4 HINGES ALONG HINGE STILE.
 - 10' TALL DOORS SHALL UTILIZE A MINIMUM OF 5 HINGES ALONG HINGE STILE.
 - INSTALLER SHALL FOLLOW INSTALLATION MANUAL FOR FURTHER DETAILS OF INSTALLATION OF APPLICABLE HARDWARE LISTED ABOVE.



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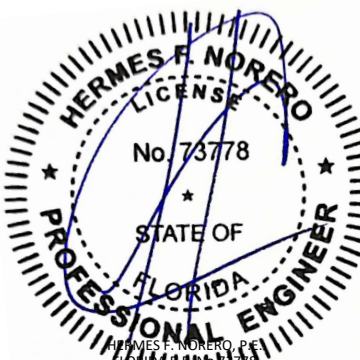
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HERMES F. NORERO, P.E.
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BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
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FBPE CERT. OF AUTHORIZATION No. 29578

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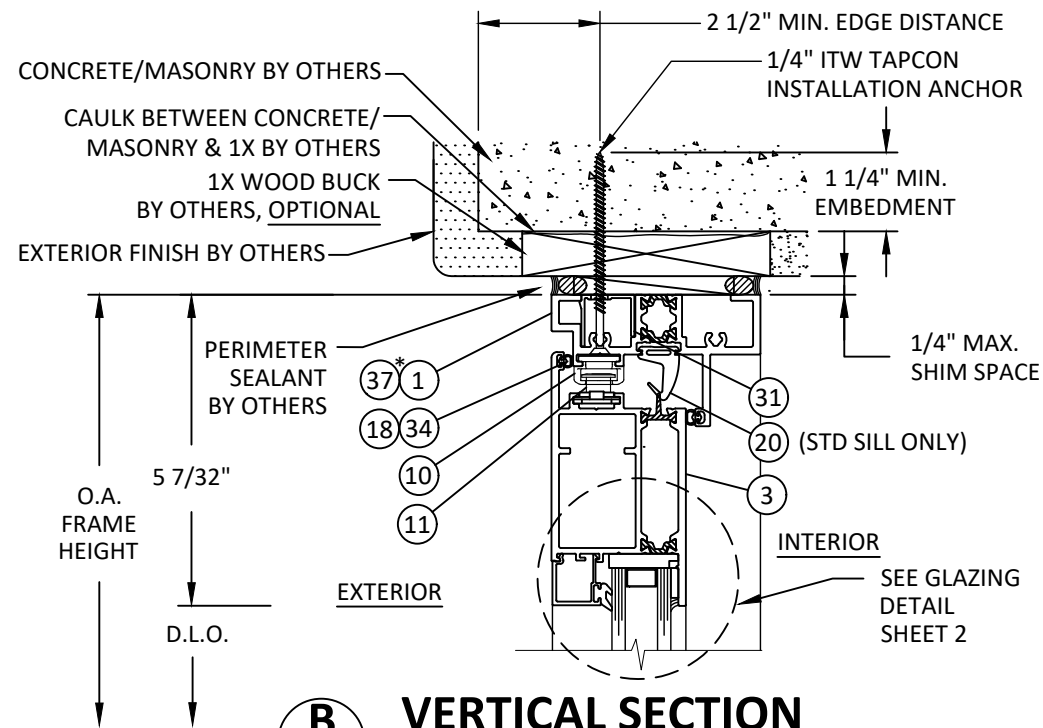
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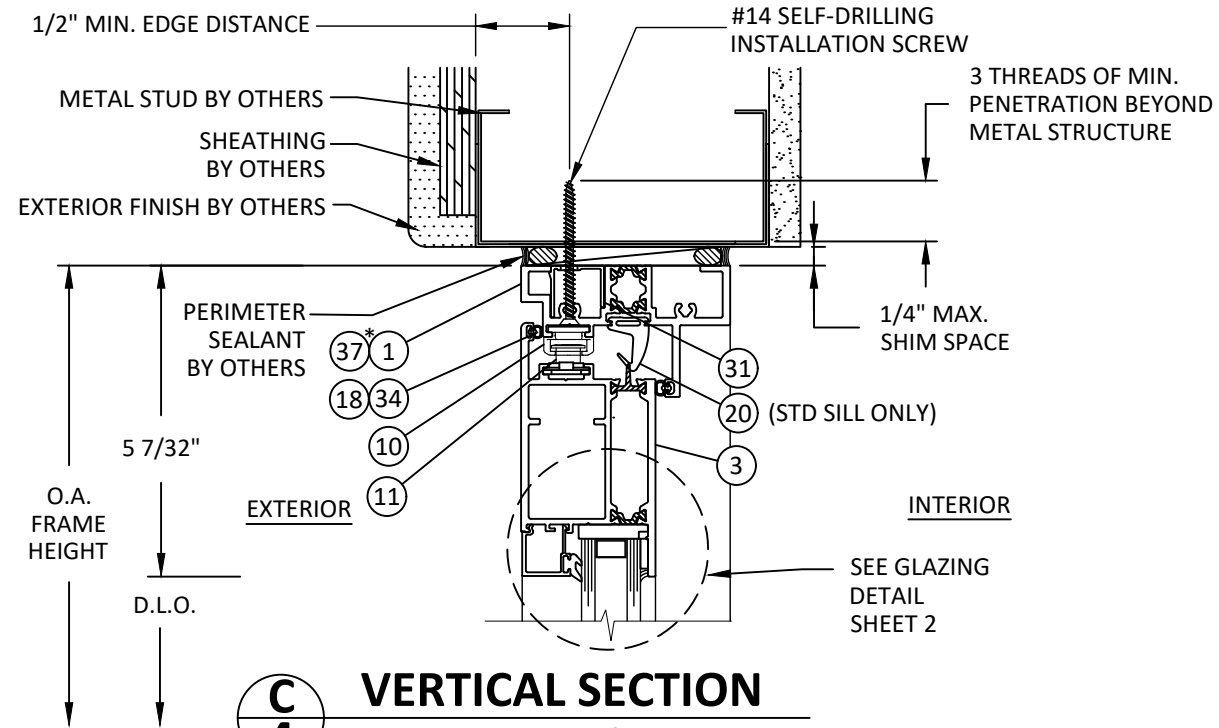
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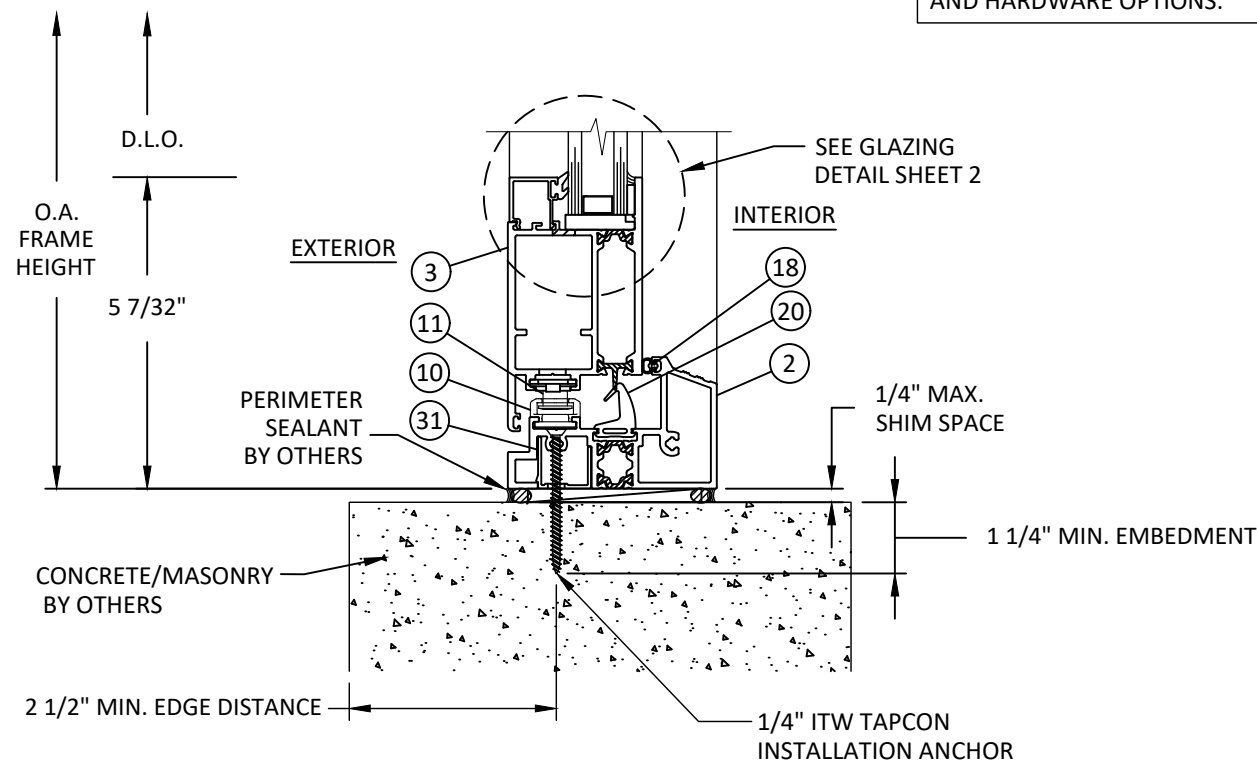


B
4 VERTICAL SECTION
HEAD - CONCRETE/MASONRY

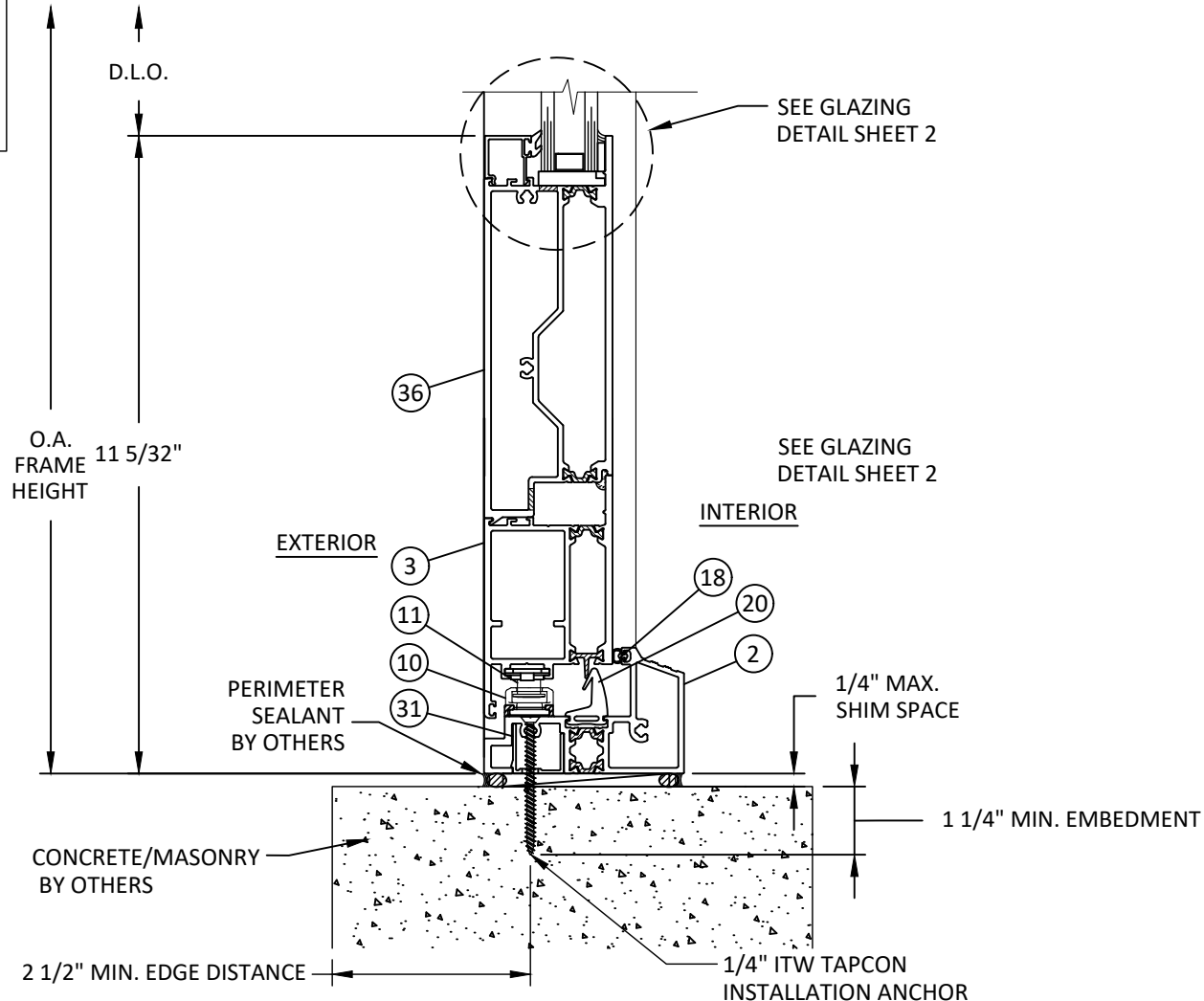


C
4 VERTICAL SECTION
HEAD - METAL STUD

*NOTE: 3 1/2" FRAME (ITEM #1) IS SHOWN. THE 4 1/2" FRAME (ITEM #37) CAN BE SUBSTITUTED FOR ALL RATINGS, INSTALLATION METHODS, AND HARDWARE OPTIONS.



A
4 VERTICAL SECTION
SILL - CONCRETE/MASONRY
STANDARD SILL



D
4 VERTICAL SECTION
SILL - CONCRETE/MASONRY
10" BOTTOM RAIL W/ STANDARD SILL



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VERTICAL SECTIONS

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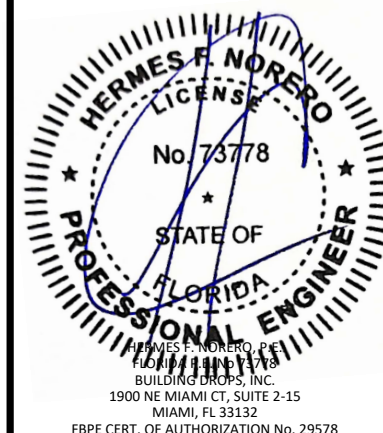
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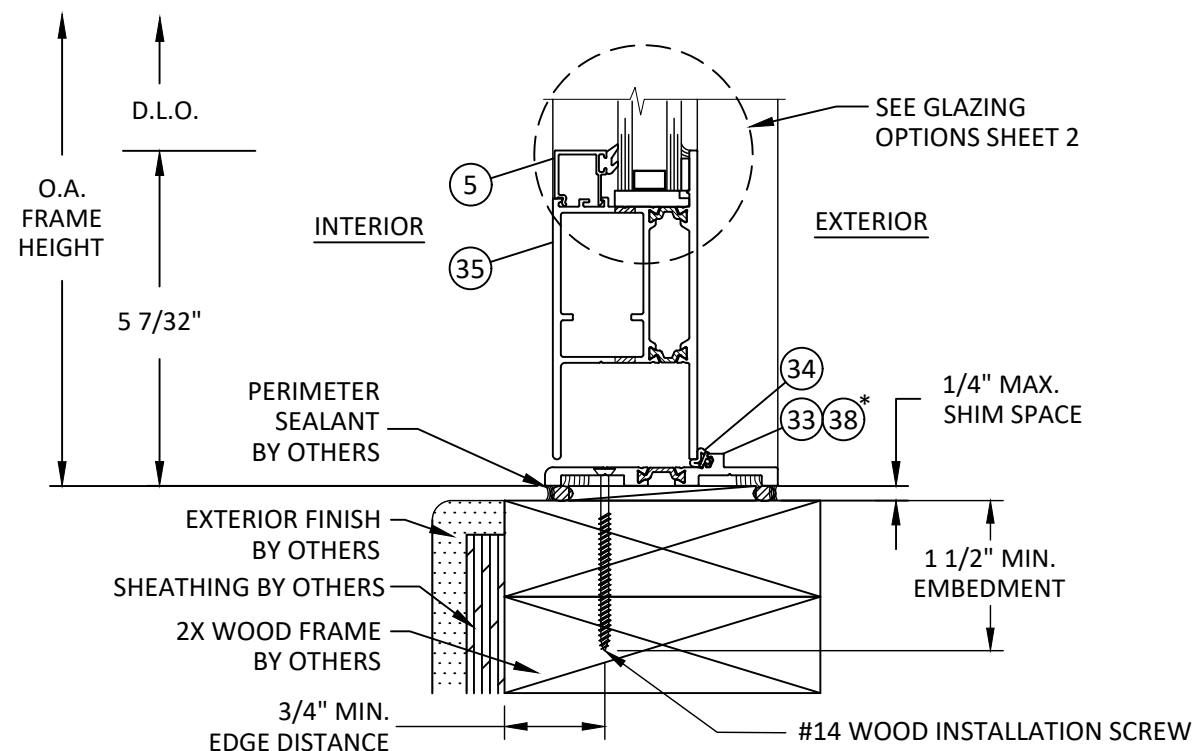
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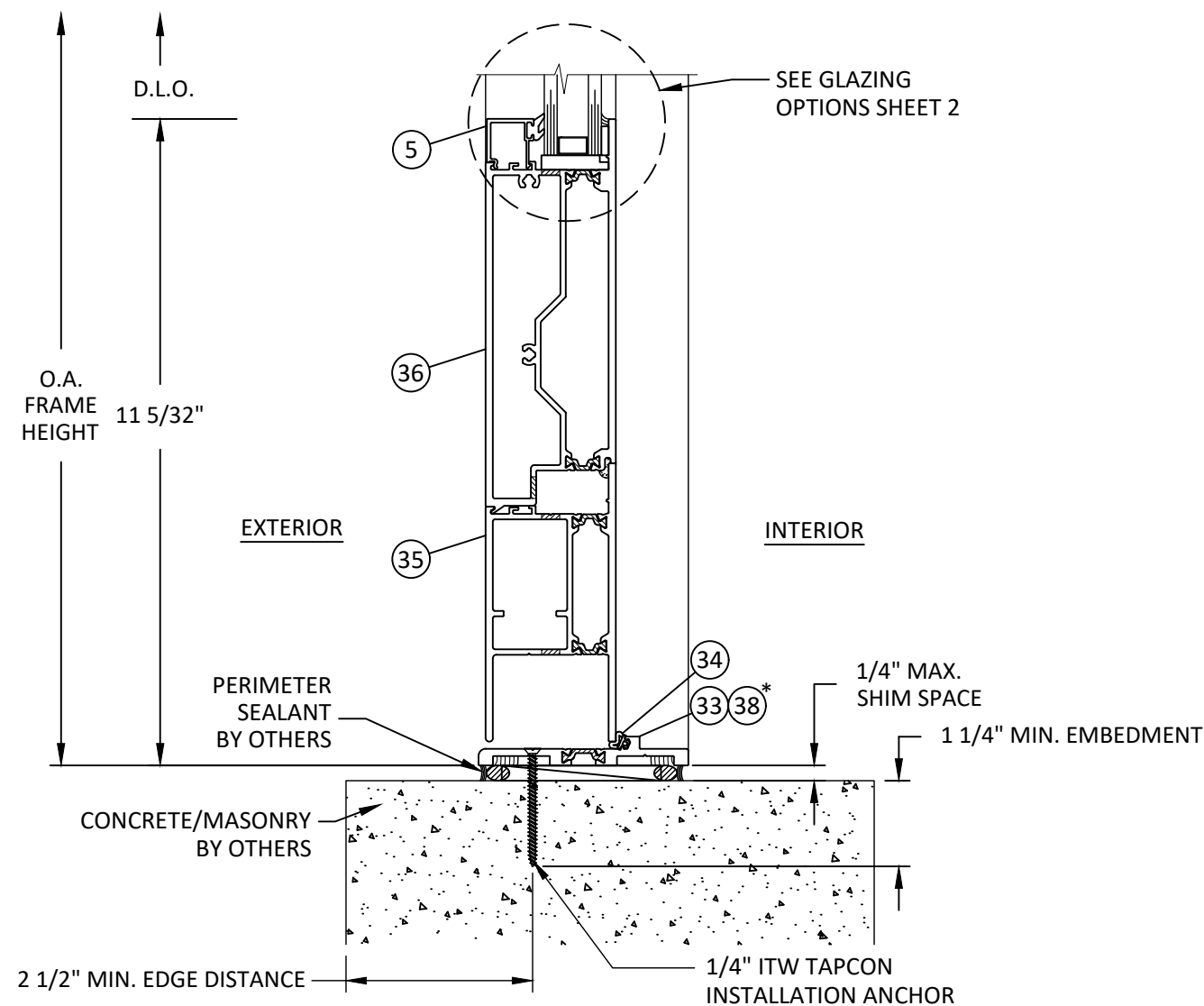
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E
5

VERTICAL SECTION

SILL - 2X WOOD FRAME
LOW PROFILE SILL



F
5

VERTICAL SECTION

SILL - CONCRETE/MASONRY
LOW PROFILE SILL

NOTE: WHEN USING ITEM #36
(OPTIONAL 10" BOTTOM RAIL), DLO
HEIGHT DECREASES BY 5-15/16"

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HORIZONTAL SECTIONS

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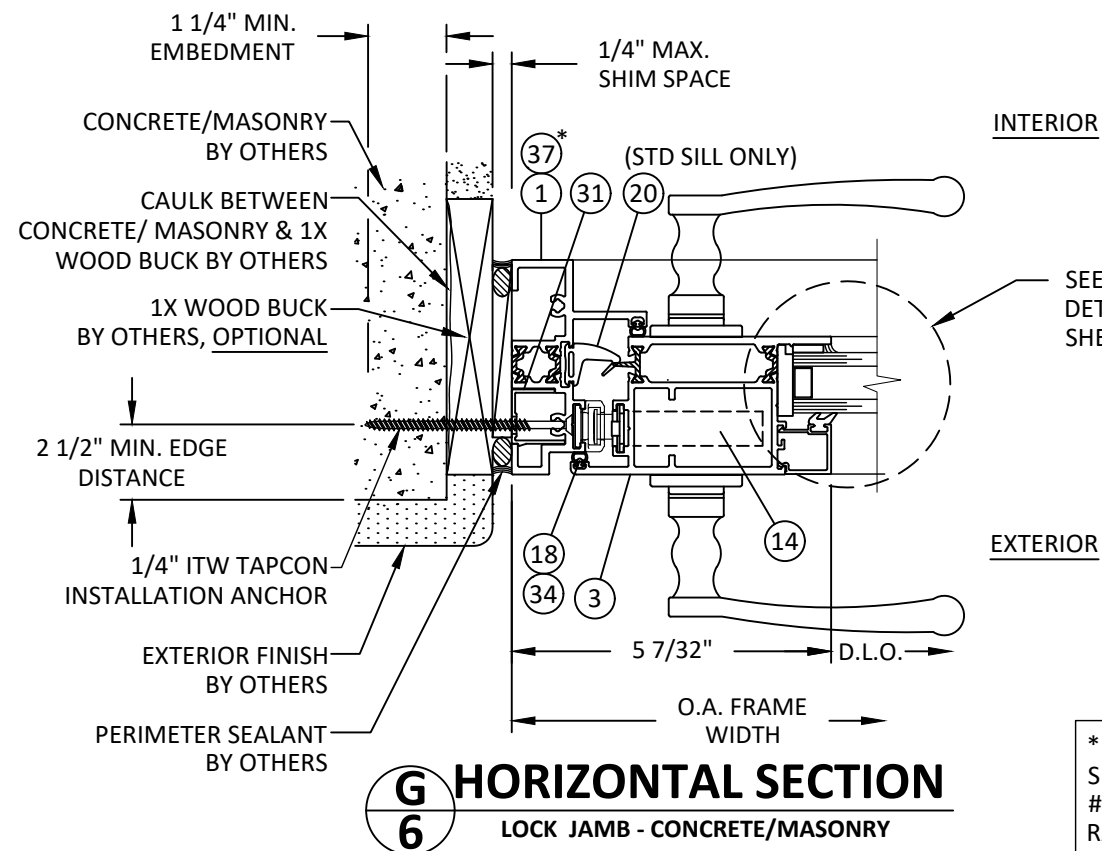
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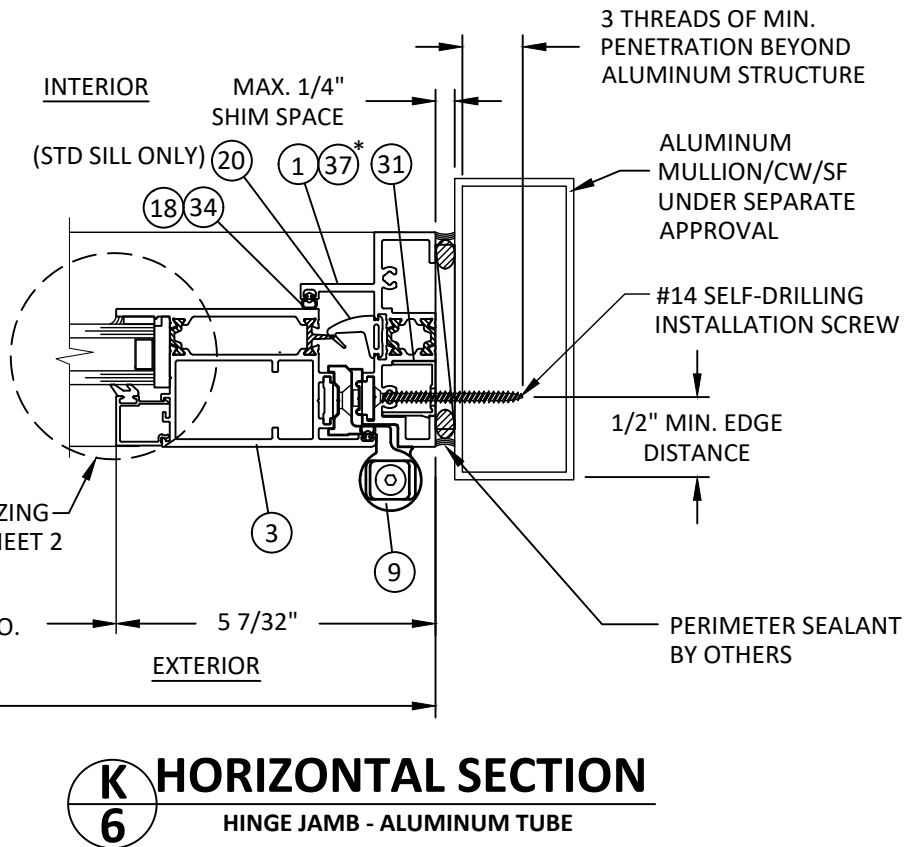
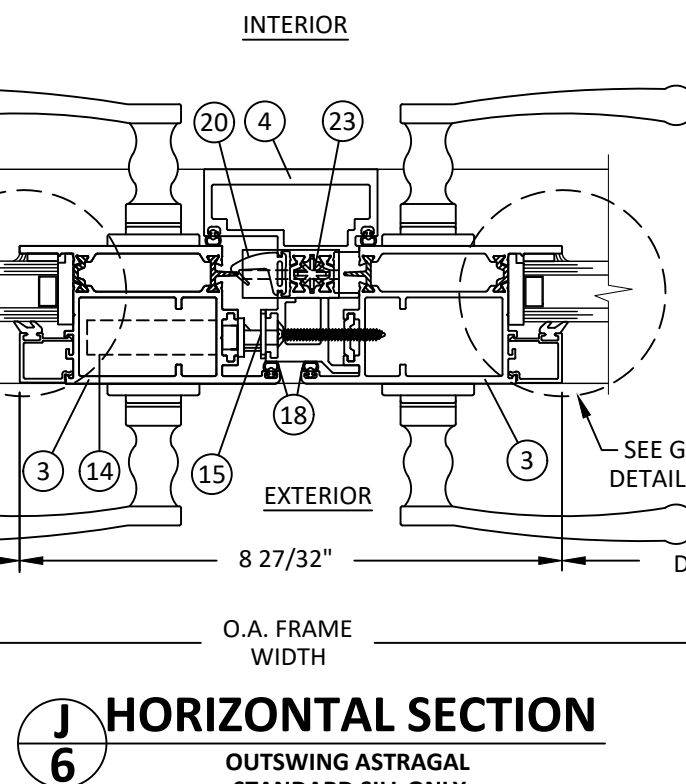
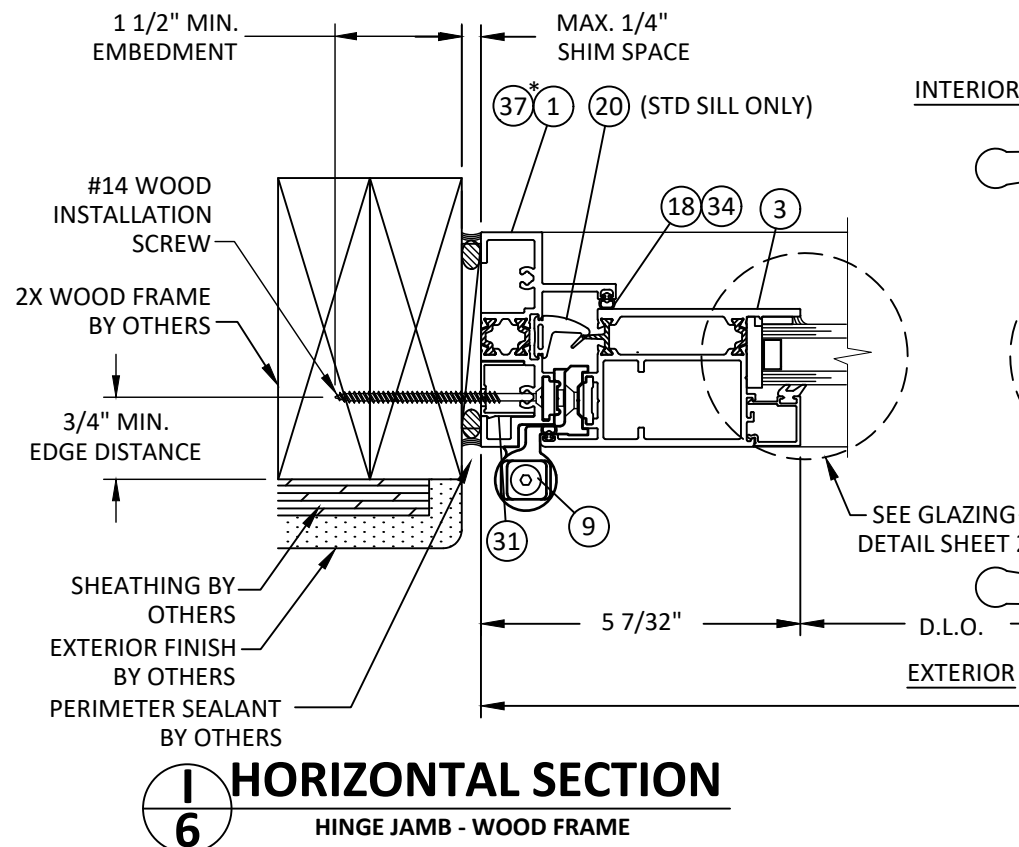
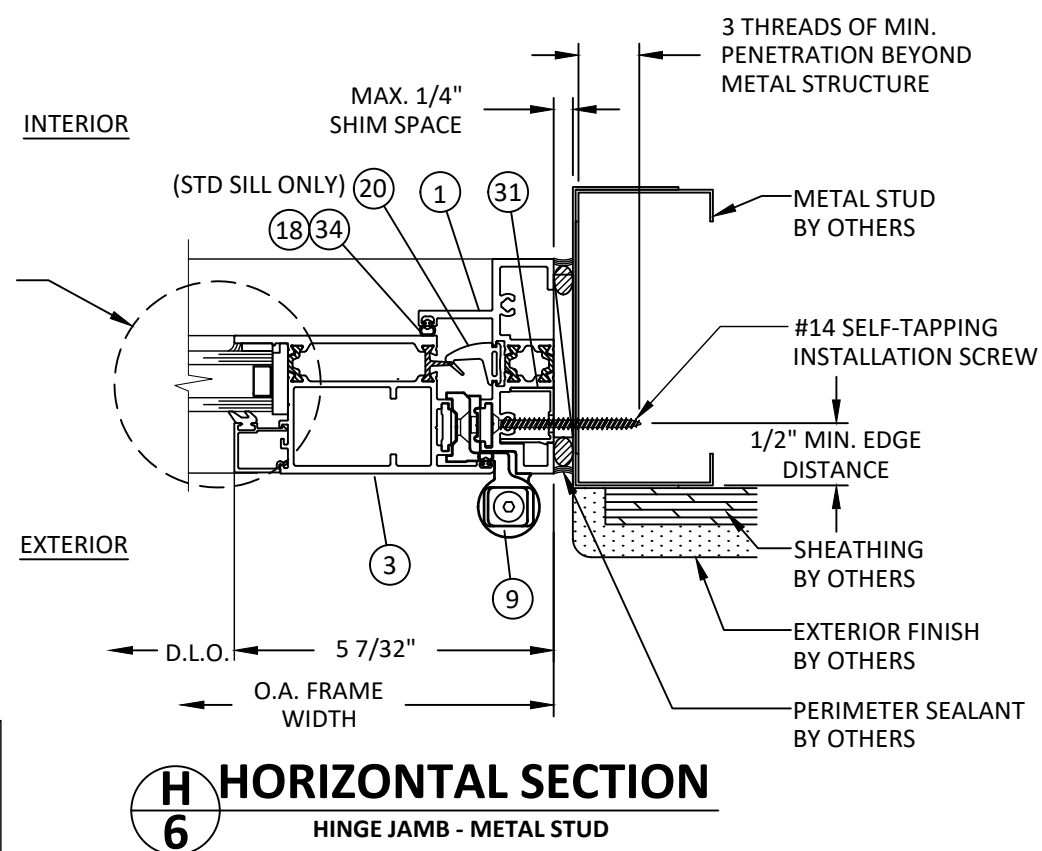
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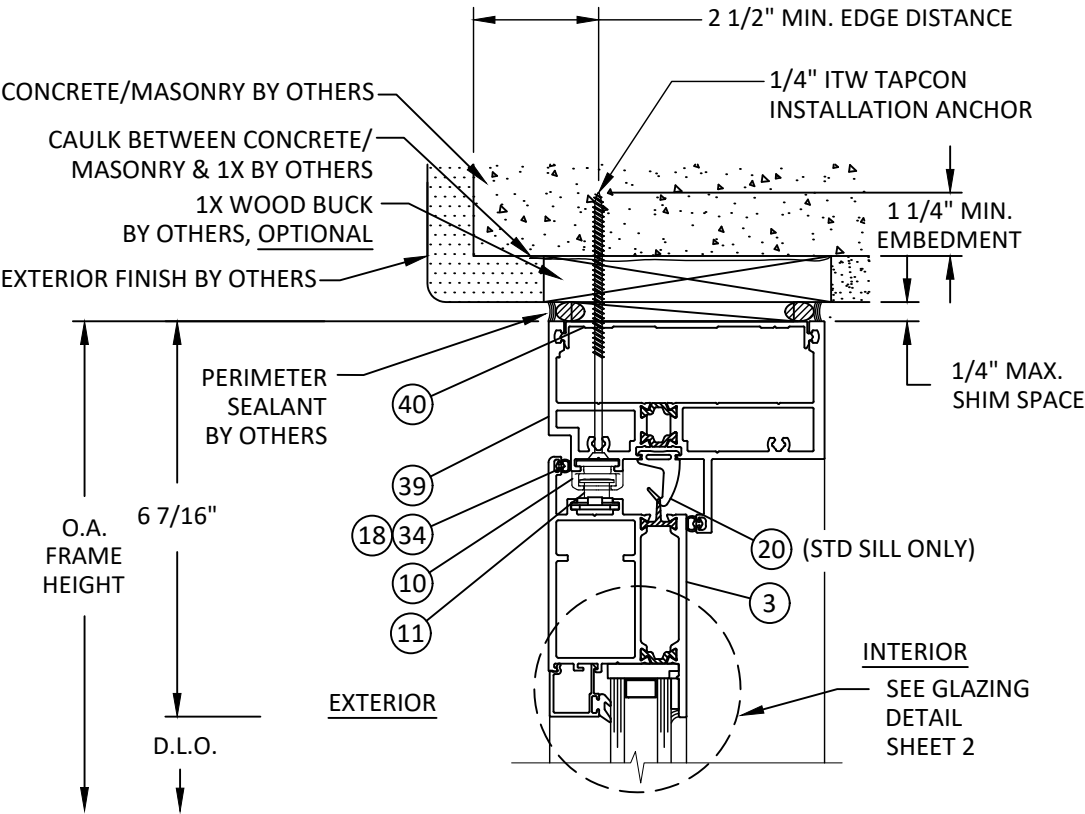
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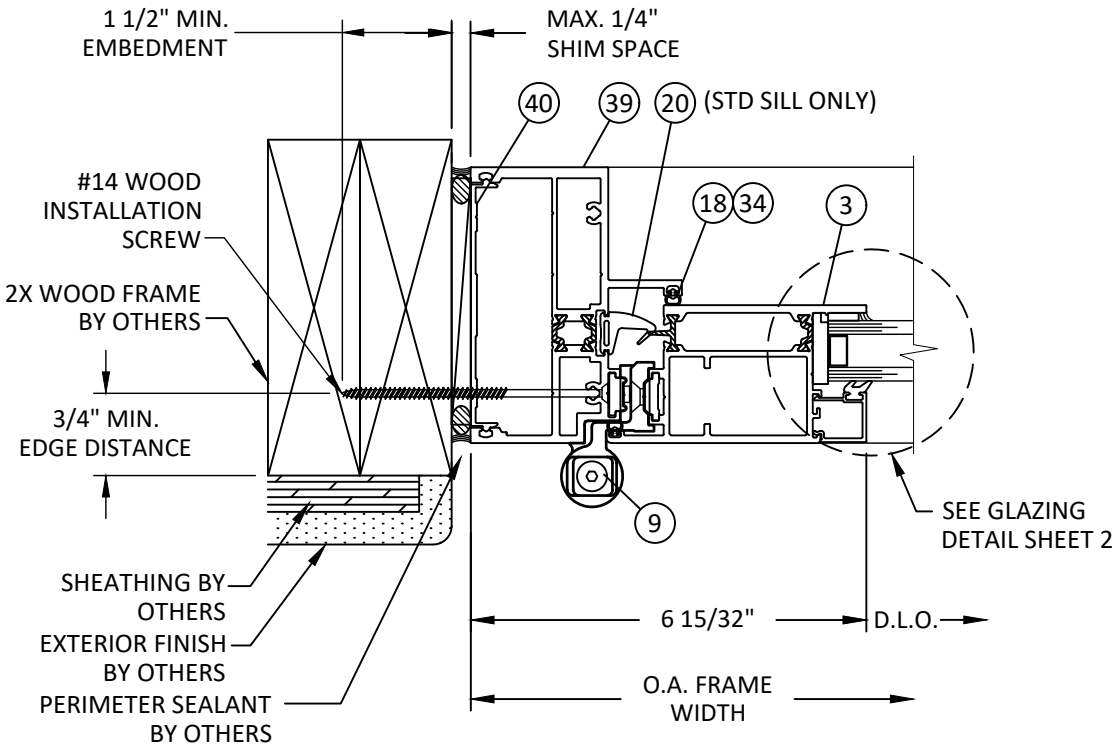
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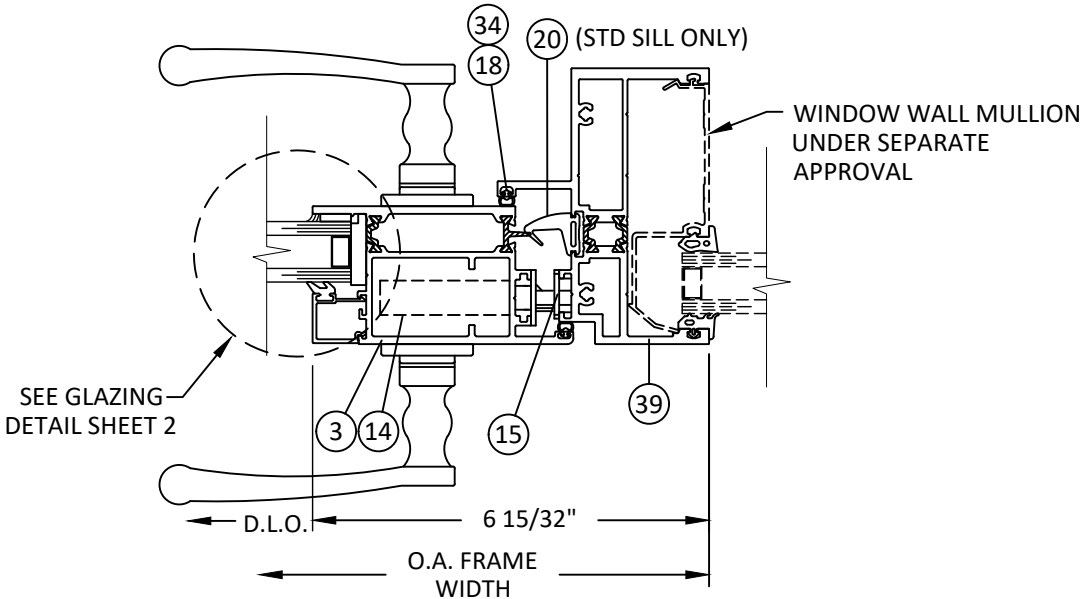


M
7 **VERTICAL SECTION**
HEAD - CONCRETE/MASONRY
YWW FRAME

NOTE: TYPICAL YWW FRAME PROFILES SHOWN. THE YWW FRAME (ITEM #39) CAN BE SUBSTITUTED FOR ALL RATINGS, INSTALLATION METHODS, STANDARD AND LOW SILL PROFILES, AND HARDWARE OPTIONS. DOORS MAY LOCK TO OR BE HINGED OFF OF WINDOW WALL UNDER SEPARATE APPROVAL.



N
7 **HORIZONTAL SECTION**
HINGE JAMB - WOOD FRAME
YWW FRAME



O
7 **VERTICAL SECTION**
LOCK JAMB TO YWW WINDOW WALL



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HORIZONTAL SECTIONS

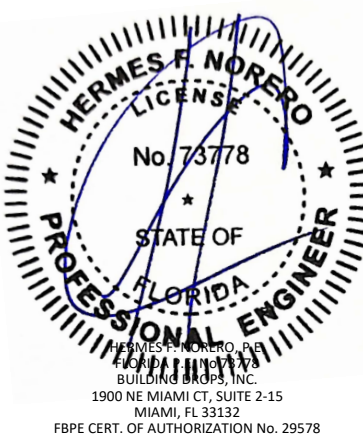
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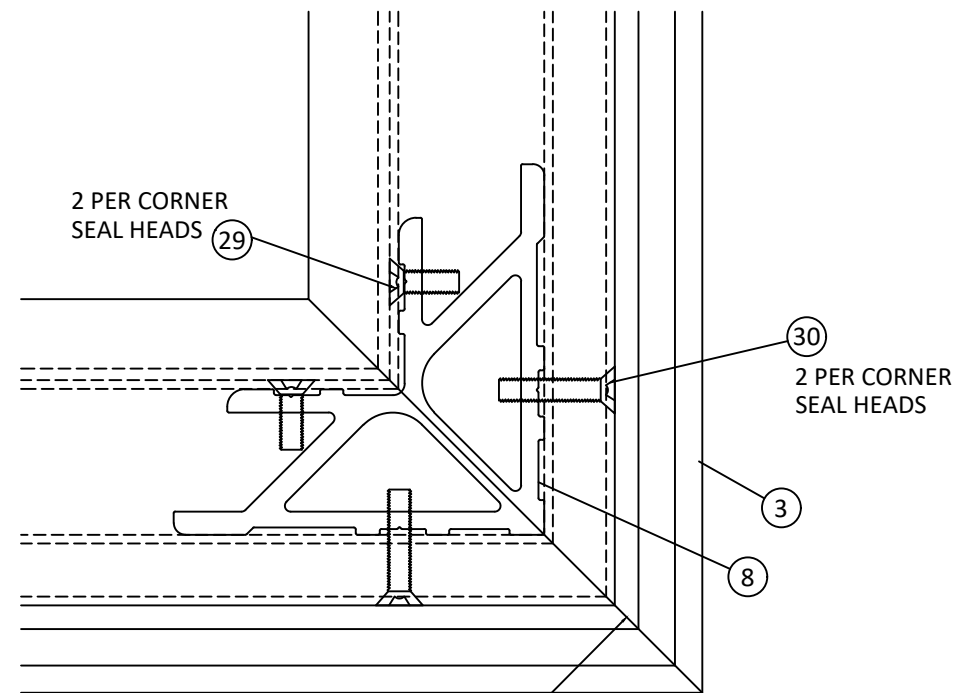
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DATE:	12.11.17
DWG. BY:	CHK. BY:
EG	HFN
SCALE:	NTS
DWG. #:	YKK253
SHEET:	REV.

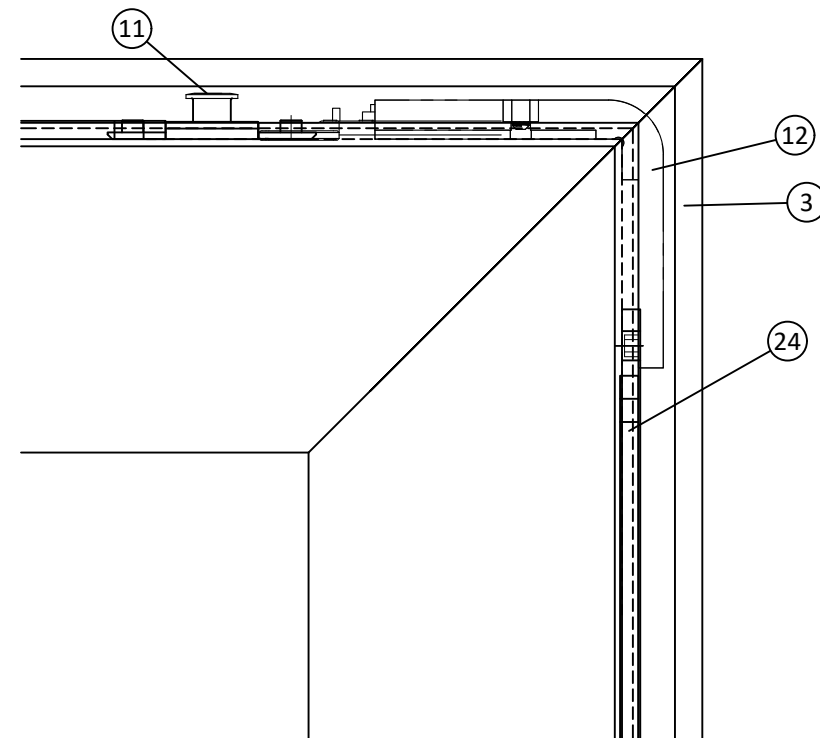
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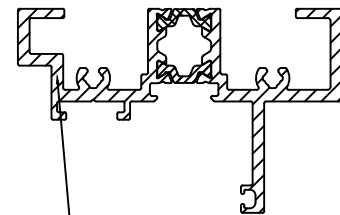


BUTTER ENDS WITH TREMCO TREMSIL 600, PECORA 896FC, OR PECORA CONTRACTOR SILICONE PRIOR TO ASSEMBLY

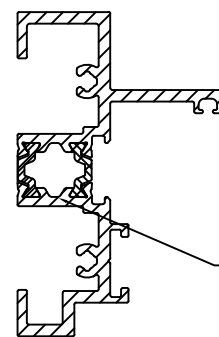
TYPICAL DOOR CORNER ASSEMBLY



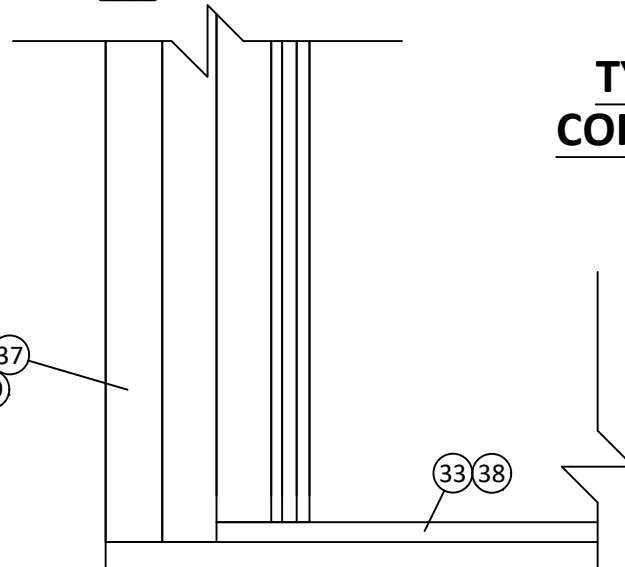
CORNER TRANSMISSION DETAIL TYPICAL AT TOP LOCK SIDE CORNER



APPLY TREMCO TREMSIL 600, PECORA 896FC, OR PECORA CONTRACTOR SILICONE TO ENTIRE SURFACE OF ALL MEMBERS

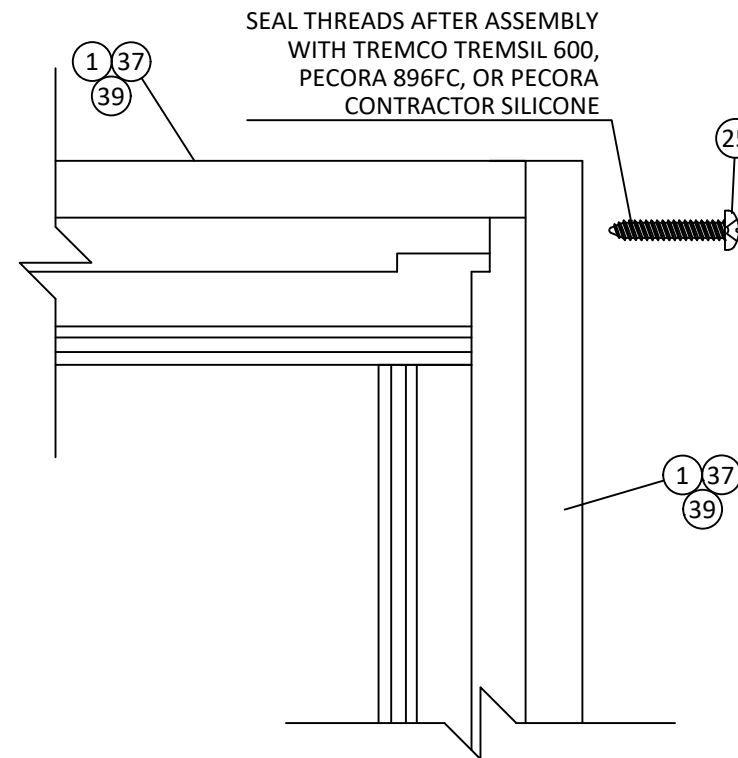


APPLY TREMCO TREMSIL 600, PECORA 896FC, OR PECORA CONTRACTOR SILICONE TO ENTIRE SURFACE OF ALL MEMBERS



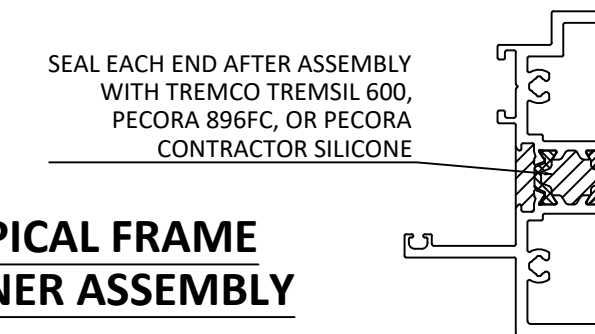
FRAME CORNER ASSEMBLY AT LOW THRESHOLD

SEAL THREADS AFTER ASSEMBLY WITH TREMCO TREMSIL 600, PECORA 896FC, OR PECORA CONTRACTOR SILICONE



SEAL EACH END AFTER ASSEMBLY WITH TREMCO TREMSIL 600, PECORA 896FC, OR PECORA CONTRACTOR SILICONE

TYPICAL FRAME CORNER ASSEMBLY



YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE: YTD 350T ALUMINUM
OUTSWING TERRACE DOOR
(NON-HVHZ) (NON-IMPACT)

CORNER DETAILS

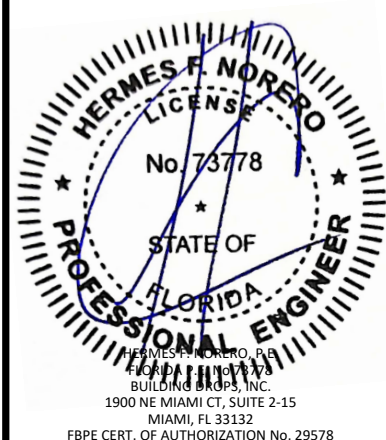
PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 999-9478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
HINGE UPDATE	DB	02.04.26
MISC. UPDATE	SH	03.19.26
2026 CODE UPDATE	SH	07.29.26

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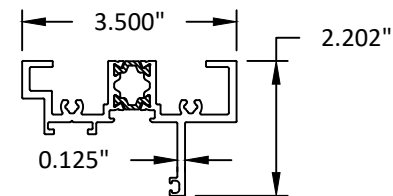
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DWG. #: YKK253

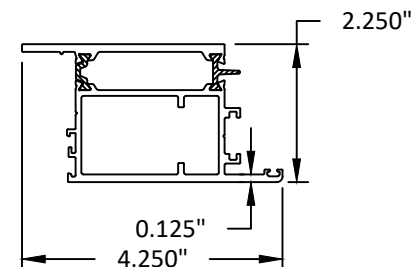
SHEET: 8 REV. C

BILL OF MATERIALS				
ITEM NO.	PART #	DESCRIPTION	MATERIAL	MANUFACTURER
1	BE9-4801	FRAME HEAD/JAMB	6063-T5	YKK AP AMERICA INC.
2	BE9-4802	FRAME SILL (STD)	6063-T5	YKK AP AMERICA INC.
3	BE9-4811	DOOR STILE/RAIL	6063-T5	YKK AP AMERICA INC.
4	BE9-4805	HD ASTRAGAL	6063-T5	YKK AP AMERICA INC.
5	E9-4861	GLASS STOP	6063-T5	YKK AP AMERICA INC.
8	E1-1801	CORNER KEY (E9-4899)	6063-T5	YKK AP AMERICA INC.
9	TD-128001	EUROGROOVE HINGE	COMPOSITE	---
10	E1-1835	EUROGROOVE KEEPER	COMPOSITE	ADVANTAGE OR EQUAL
11	E1-1836	EUROGROOVE PAWL	COMPOSITE	ADVANTAGE OR EQUAL
12	E1-1837	EUROGROOVE CORNER TRANSMISSION	COMPOSITE	ADVANTAGE OR EQUAL
13	E1-1838	LIMIT DEVICE	COMPOSITE	ADVANTAGE OR EQUAL
14	TD-11742367	ACTIVE LOCK	COMPOSITE	HOPPE OR EQUAL
15	TD-40007565	STRIKE	COMPOSITE	HOPPE OR EQUAL
16	TD-11749763	INACTIVE LOCK	COMPOSITE	HOPPE OR EQUAL
17	E2-0050	GLAZING GASKET	EPDM	TREMCO OR EQUAL
18	E2-0625	AT GASKET (STD SILL)	SANTOPRENE	YKK AP AMERICA INC.
19	E2-0626	SETTING BLOCK	PC EPDM	TRELLEBORG OR EQUAL
20	E2-0750	AIR SEAL GASKET (STD SILL)	PC EPDM	TREMCO OR EQUAL
21	E2-0751	AIR SEAL CORNER (STD SILL)	PC EPDM	TREMCO OR EQUAL
22	E2-0752	GLAZING TAPE	POLYURETHANE	NORTON OR EQUAL
23	E2-0753	ASTRAGAL END CAP	PC EPDM	TREMCO OR EQUAL
25	PC-1220-SS	#12 X 1¼" PPHSMS	STAINLESS STEEL	---
26	FC-0812-SS	#8 X ¾" FPHSMS	STAINLESS STEEL	---
27	FC-1032-SS	#10 X 2" FPHSMS	STAINLESS STEEL	---
28	FC-1016-SS	#10 X 1" FPHSMS	STAINLESS STEEL	---
29	XM-2512-SS	¼-20 X ¾" FH MS	STAINLESS STEEL	---
30	XM-2520-SS	¼-20 X 1¼" FH MS	STAINLESS STEEL	---
31	E1-1824	ANCHOR FILLER (E9-4810)	6063-T5	YKK AP AMERICA INC.
33	BE9-4824	LOW PROFILE SILL	6063-T5	YKK AP AMERICA INC.
34	E2-0726	SILL GASKET (LOW SILL)	SANTOPRENE	TRELLEBORG OR EQUAL
35	BE9-4828	BOTTOM RAIL (LOW SILL)	6063-T5	YKK AP AMERICA INC.
36	BE9-4830	10" BOTTOM RAIL ADAPTOR	6063-T5	YKK AP AMERICA INC.
37	BE9-4807	4 ½" FRAME HEAD/JAMB	6063-T5	YKK AP AMERICA INC.
38	BE9-4827	4 ½" LOW PROFILE SILL	6063-T5	YKK AP AMERICA INC.
39	BE9-1746	YWW DOOR HEAD/JAMB	6063-T5	YKK AP AMERICA, INC.
40	BE9-1749	ANCHOR FILLER	6063-T5	YKK AP AMERICA INC.

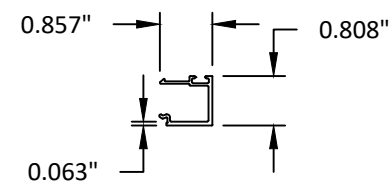
1 FRAME HEAD/JAMB



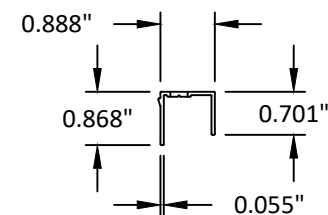
3 DOOR STILE/RAIL



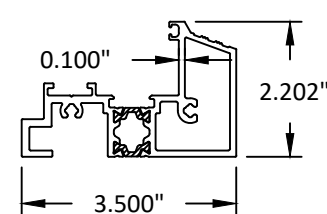
5 GLASS STOP



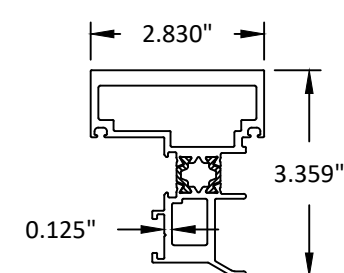
31 ANCHOR FILLER



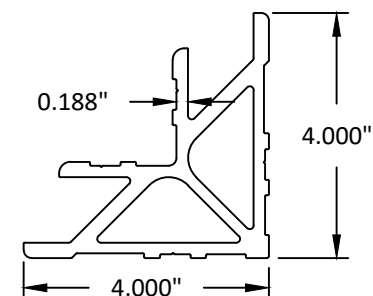
2 FRAME SILL (STD)



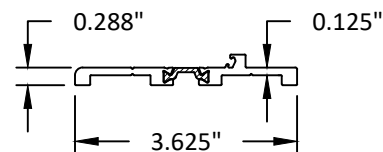
4 HD ASTRAGAL



8 CORNER KEY



33 LOW PROFILE SILL



YKK AP AMERICA, INC.
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PH: (678) 838-6000

TITLE: YTD 350T ALUMINUM
OUTSWING TERRACE DOOR
(NON-HVHZ) (NON-IMPACT)

COMPONENTS & BILL OF MATERIALS

PREPARED BY: BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



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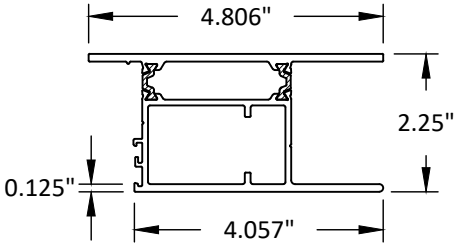
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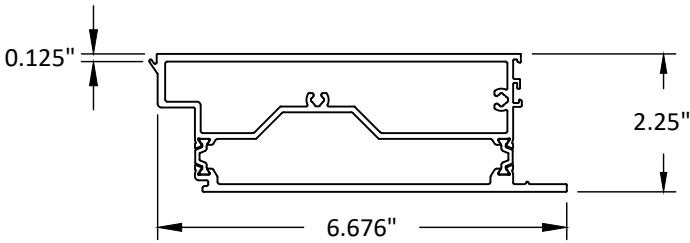
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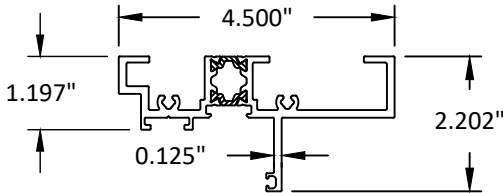
35 BOTTOM RAIL (LOW SILL)



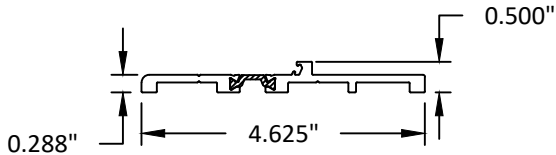
36 10" BOTTOM RAIL ADAPTOR



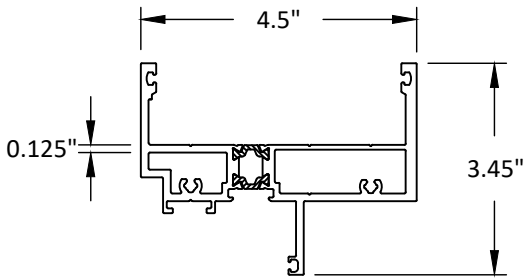
37 4 1/2" FRAME HEAD/JAMB



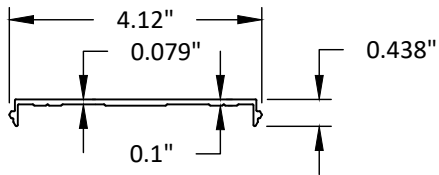
38 4 1/2" LOW PROFILE SILL



39 YWW DOOR HEAD/JAMB



40 ANCHOR FILLER





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SCALE: NTS		
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SHEET: 10	REV. C	

OF 10