

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

OUTSWING DOOR W/ SIDELITES - GLAZED

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS
WITH OR WITHOUT SIDELITES.
SIDE LITES CAN BE ON ONE OR BOTH SIDES OF DOOR.
SEE SHEETS 2 FOR SINGLE OR DOUBLE DOORS DESIGN LOAD CAPACITIES.
SEE SHEET 3 FOR SINGLE STATIONARY PANEL LOAD CAPACITIES.
SEE SHEETS 4 FOR SIDELITE TO DOOR COMBINATIONS.
THE LOWEST VALUE FROM DOOR OR SIDELITE CAPACITY CHARTS
WILL APPLY TO ENTIRE SYSTEM.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.
SEE SHEETS 2 & 4 FOR LIMITATIONS.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2014 (5TH EDITION)/2017 (6TH EDITION) FLORIDA
BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS
TO THE BUILDING STRUCTURE.

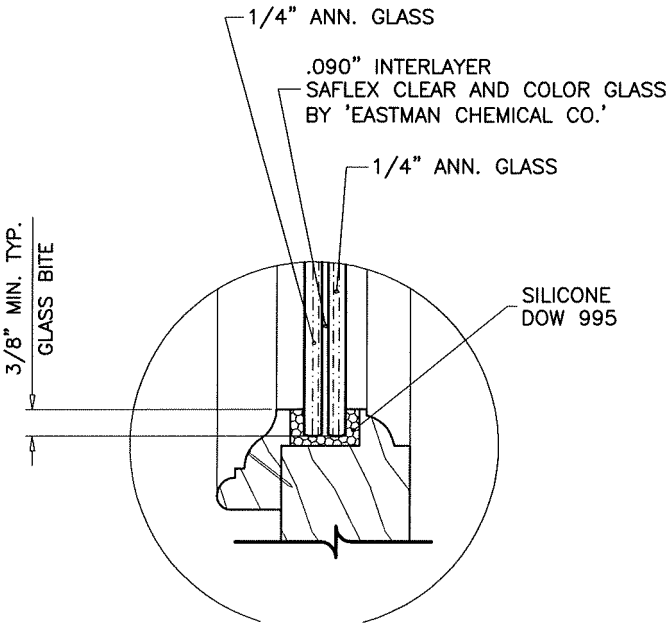
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2014/2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

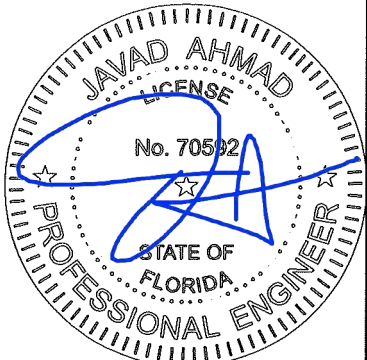
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.



GLASS TYPE '1'
9/16" OVERALL LAM. GLASS

GLAZING OPTIONS

- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION
PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED
ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF
ALTERED BY ANY MEANS.
- C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED
ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.)
FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER
USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED
ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE
SPECIFIC DRAWINGS FOR REVIEW.
- D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF
THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



LAM. GLASS

FL #25678

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

OUTSWING DOOR W/SIDELITES-GLAZED(L.M.I.)

EXCLUSIVE WOOD DOORS

1950 NW 70 AVE.

MIAMI, FL 33126

TEL. (305) 447-2278 FAX. (305) 447-7140

revisions:		by description	
no	date	by	description

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drawing no.
W17-114

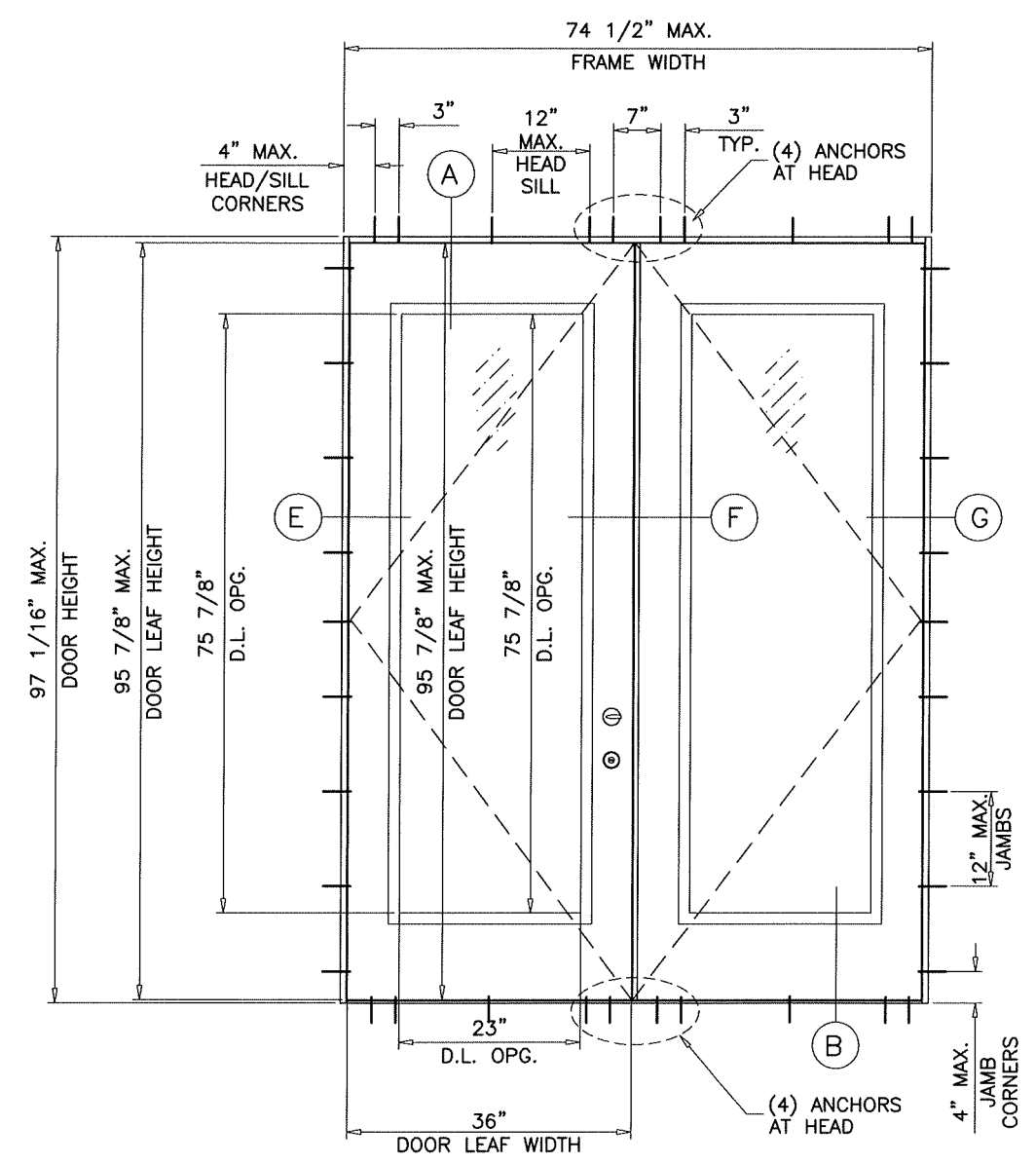
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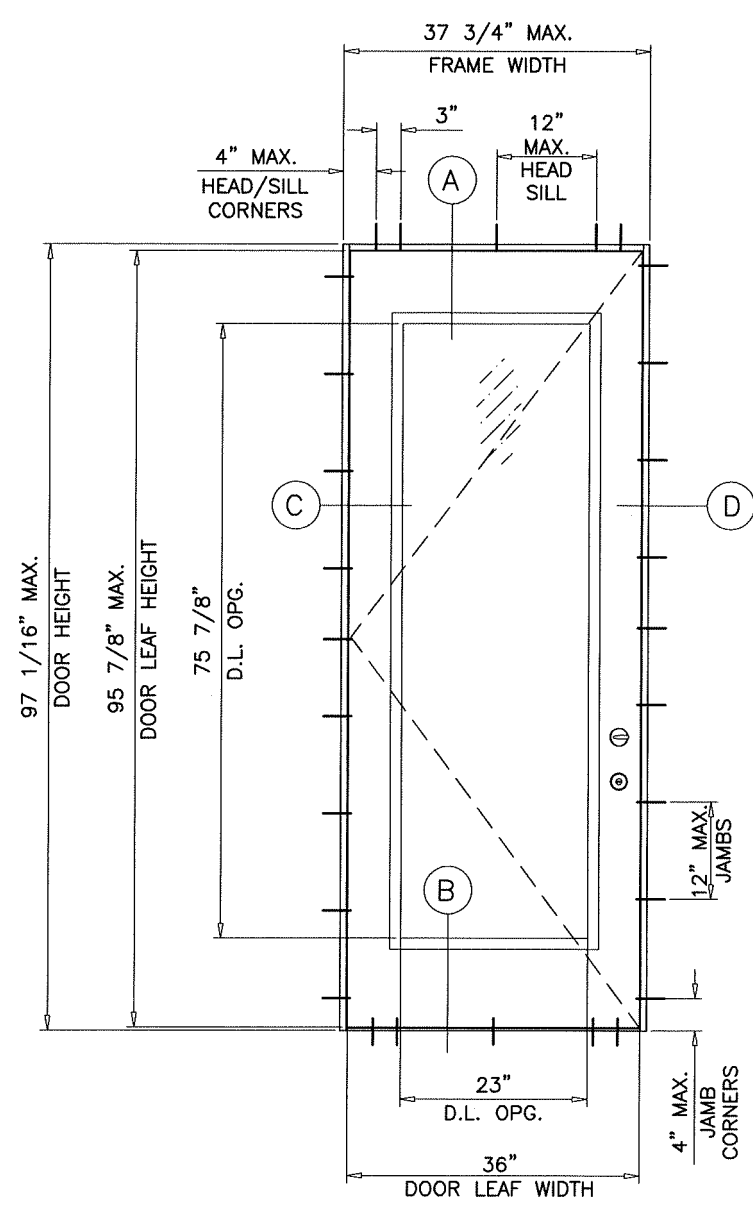
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W17-114
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TYPICAL ELEVATION
 (XX)

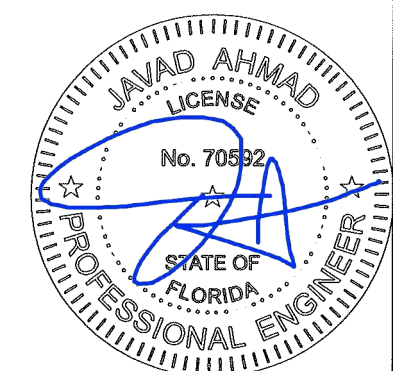
DOUBLE DOOR LOAD CAPACITY - PSF					
DIMS.		NON WATER RESIST.		WATER RESISTANCE	
DOOR FRAME WIDTH (XX)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
74 1/4"	97 1/16"	47.0	47.0	35.0	47.0



TYPICAL ELEVATION
 (X)

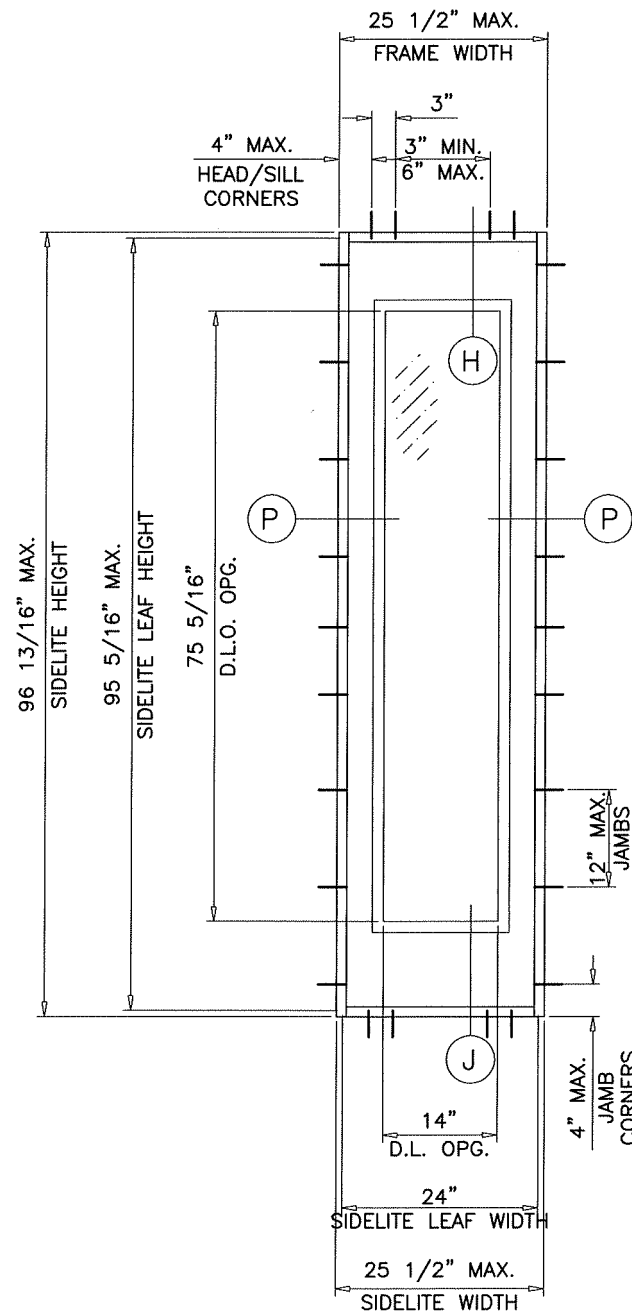
SINGLE DOOR LOAD CAPACITY - PSF					
DIMS.		NON WATER RESIST.		WATER RESISTANCE	
DOOR FRAME WIDTH (X)	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
37-3/4"	97 1/16"	47.0	47.0	35.0	47.0

NOTE:
 GLASS CAPACITIES ARE BASED ON
 ASTM E1300-09 (3 SEC. GUSTS).



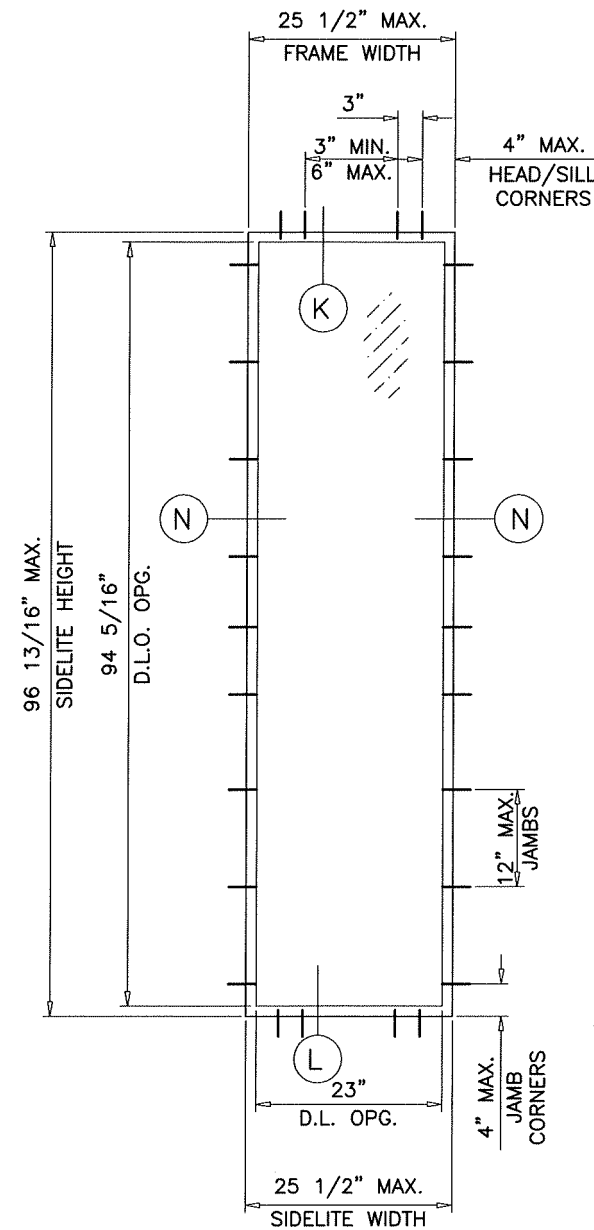
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TYPICAL ELEVATION
(O)

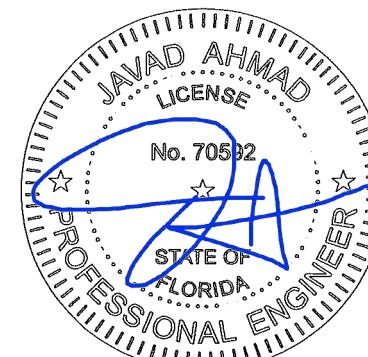
SIDELITE LOAD CAPACITY - PSF STATIONARY PANEL (O)			
DOOR DIMS.			
FRAME WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)
25 1/2"	96 13/16"	47.0	47.0



TYPICAL ELEVATION
(O)

SIDELITE LOAD CAPACITY - PSF STATIONARY PANEL (O)			
DOOR DIMS.			
FRAME WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)
25 1/2"	96 13/16"	47.0	47.0

NOTE:
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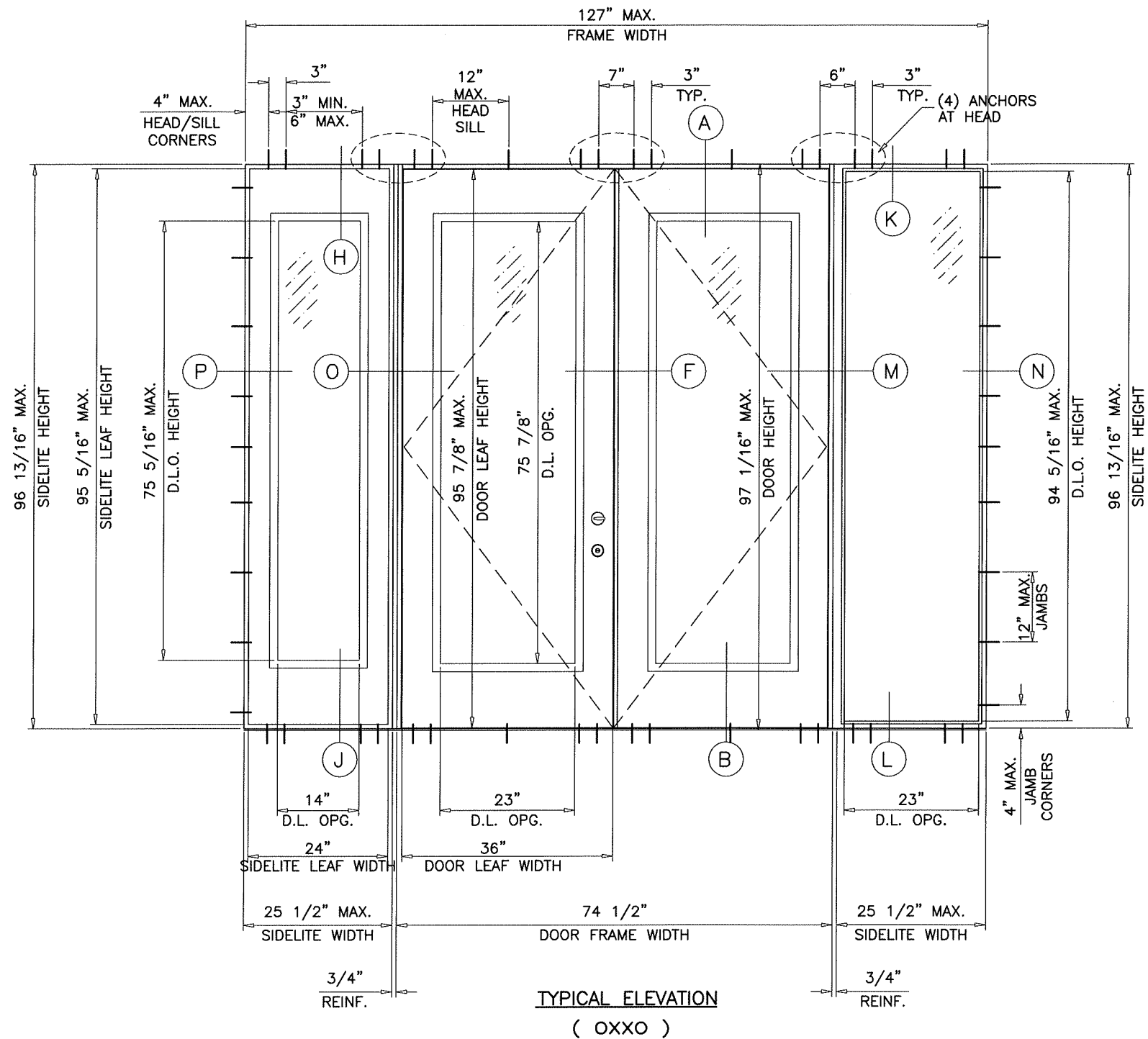
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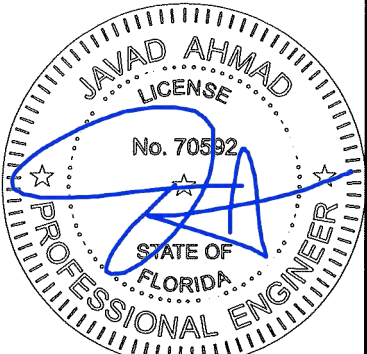


TYPICAL ELEVATION
(OXXO)

DOOR WITH SIDELITE LOAD CAPACITY - PSF						
DIMS.			NON WATER RESIST.		WATER RESISTANCE	
DOOR FRAME WIDTH (XX)	SIDELITE WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
74 1/4"	25 1/2"	97 1/16"	47.0	47.0	35.0	47.0

MIRROR CONFIGURATION SIDELITE OF DIRECT SET OR WITH SASH ARE ALSO APPROVED.

NOTE:
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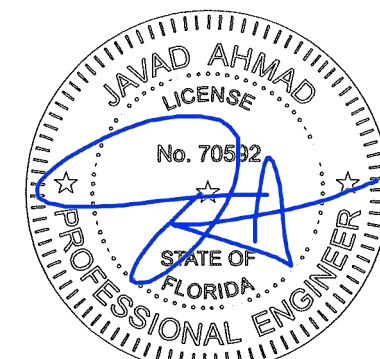
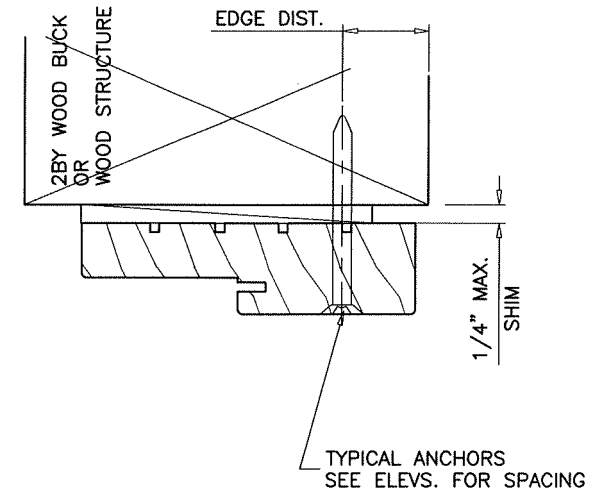
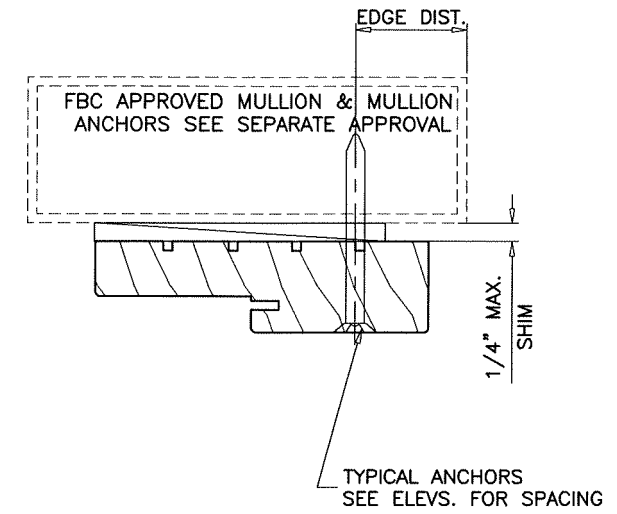
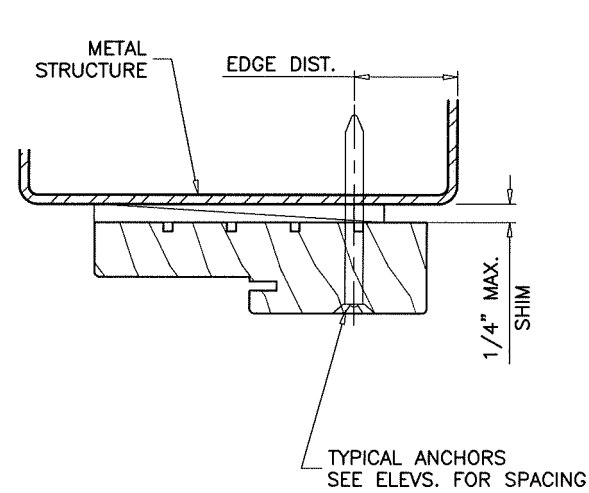
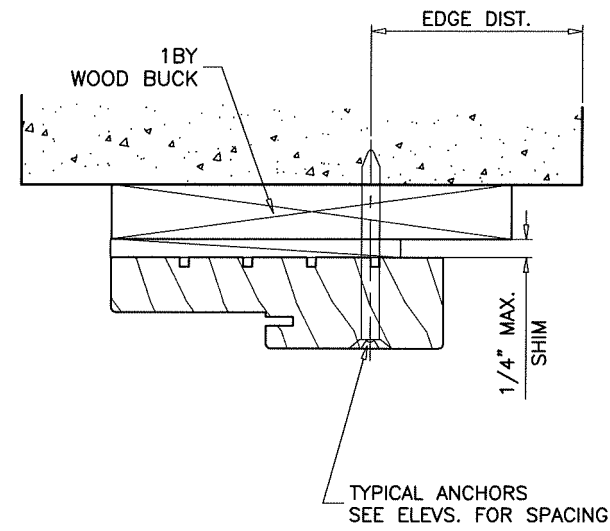
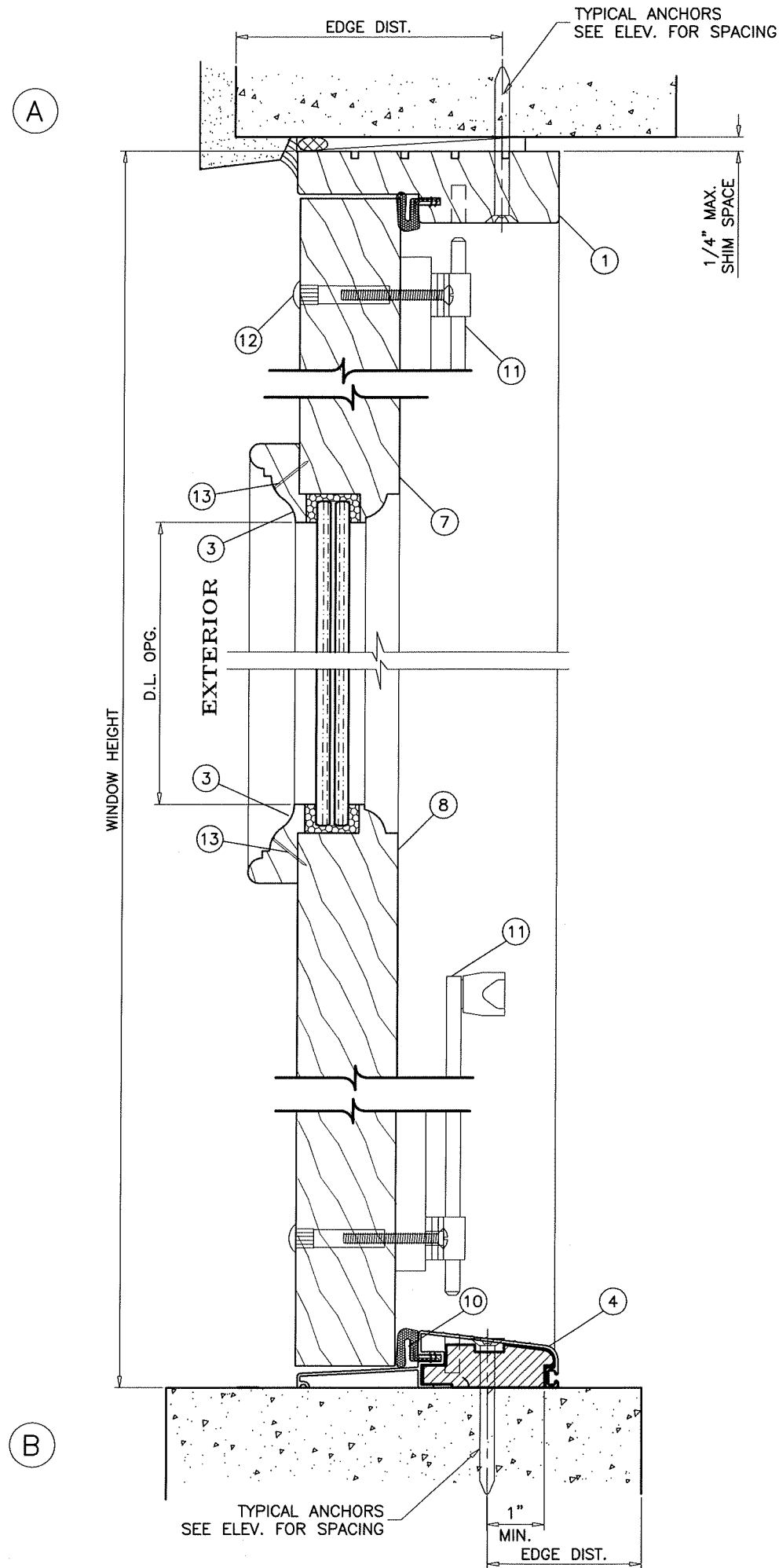
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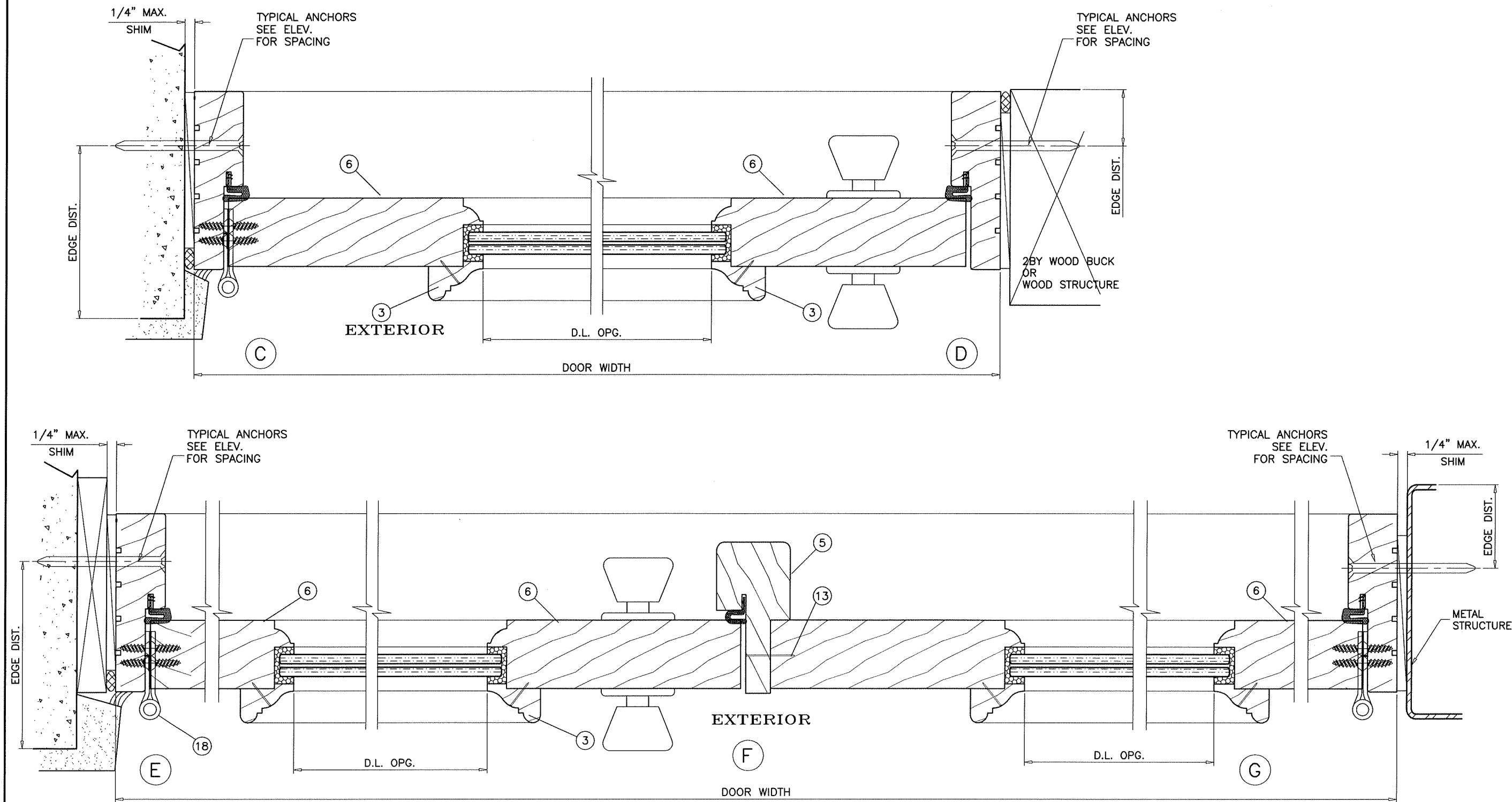
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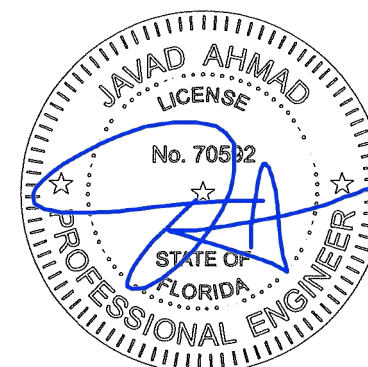
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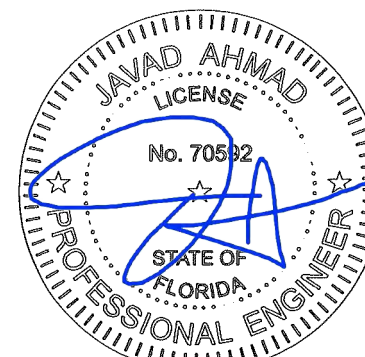
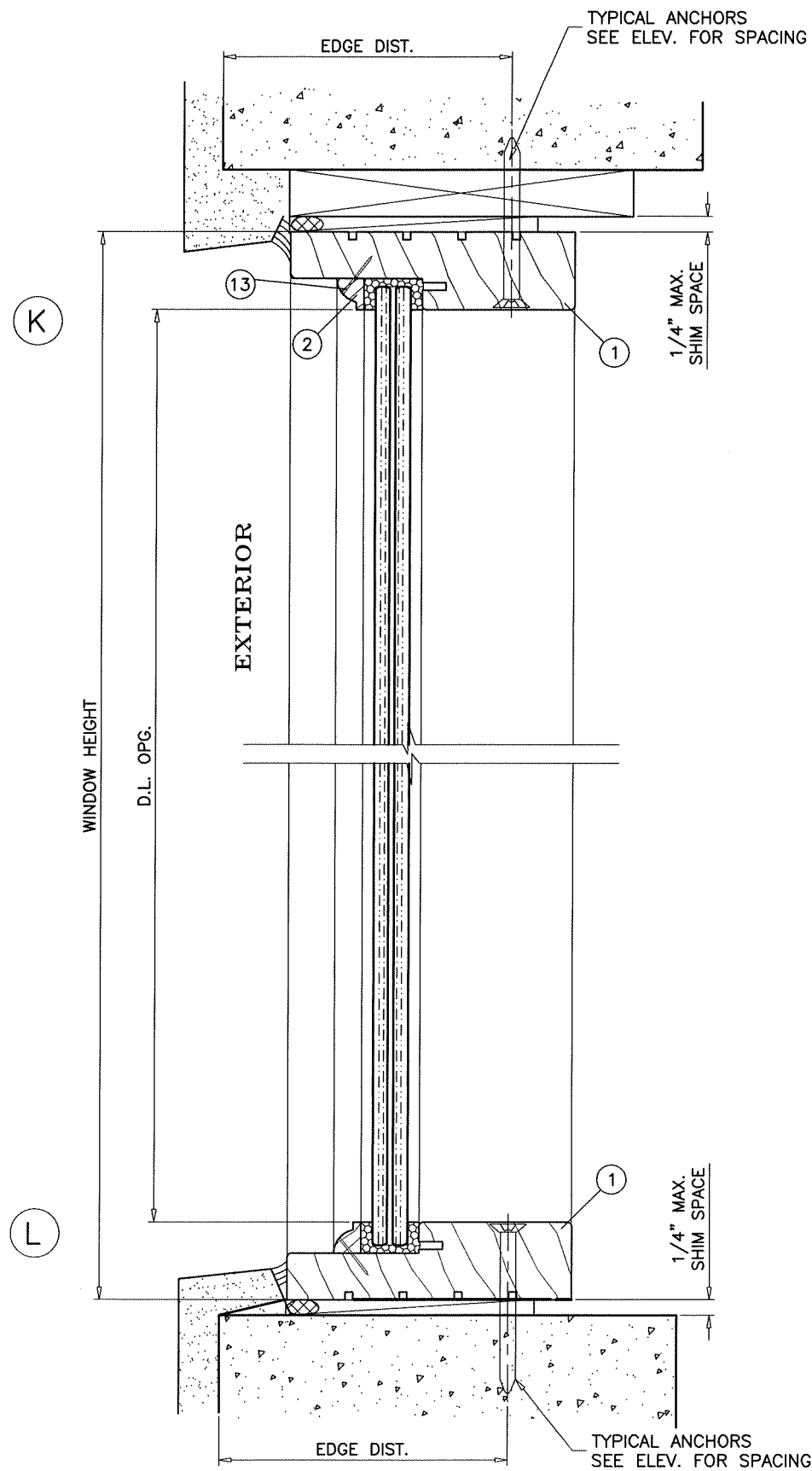
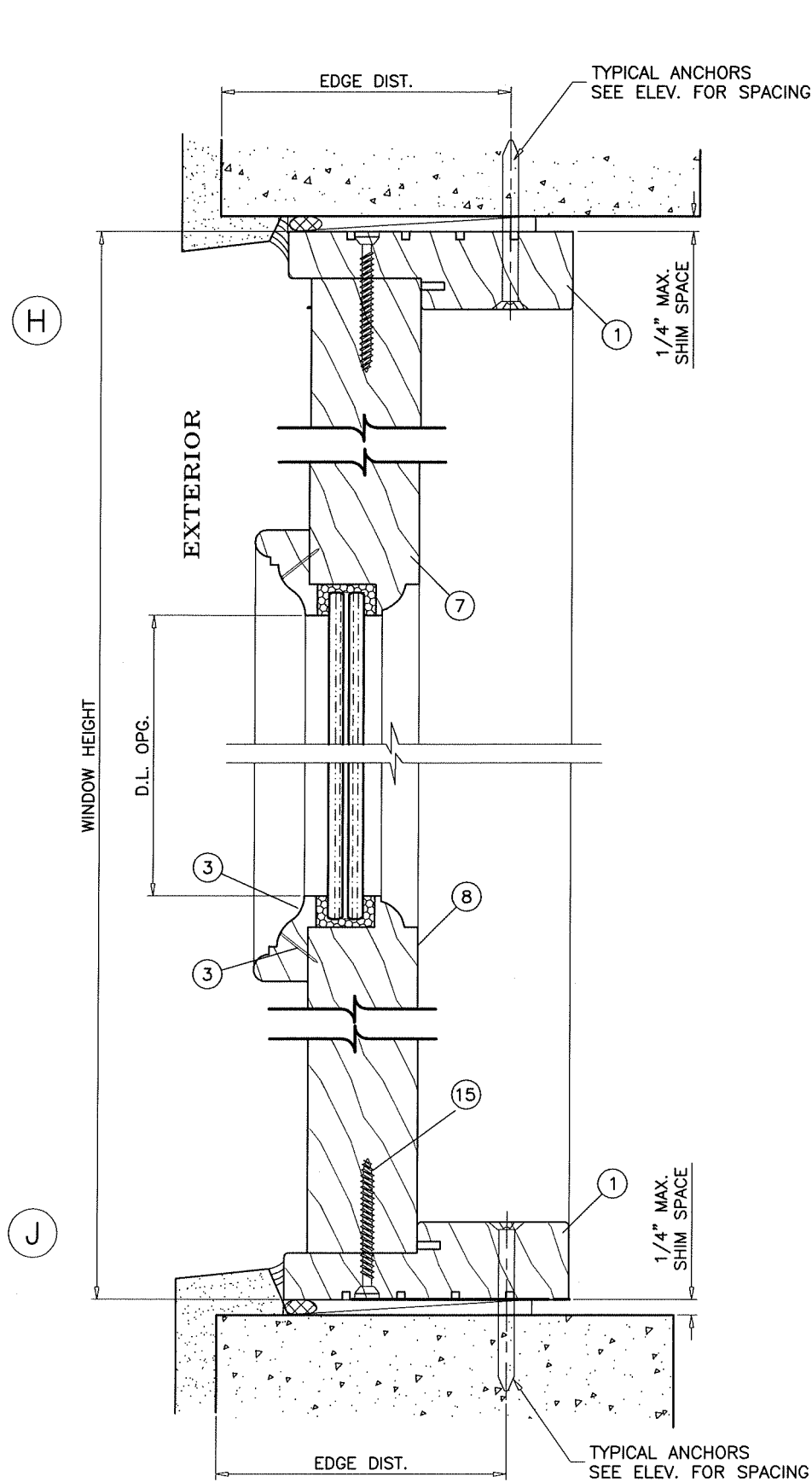
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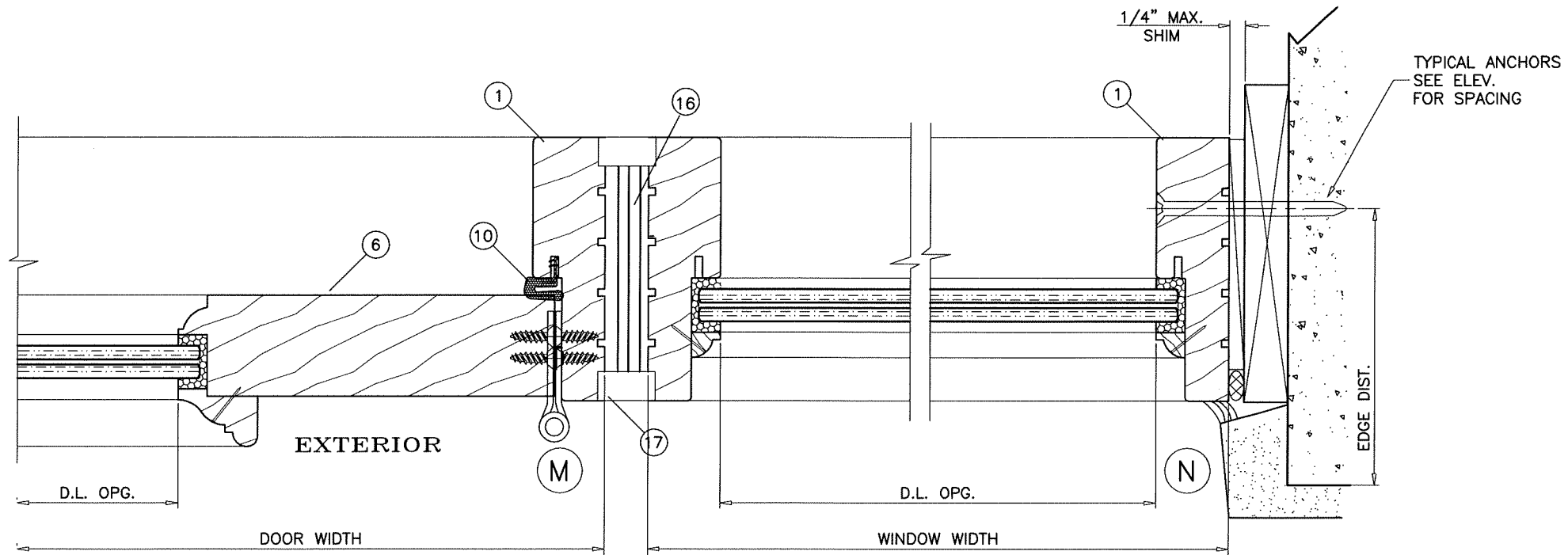
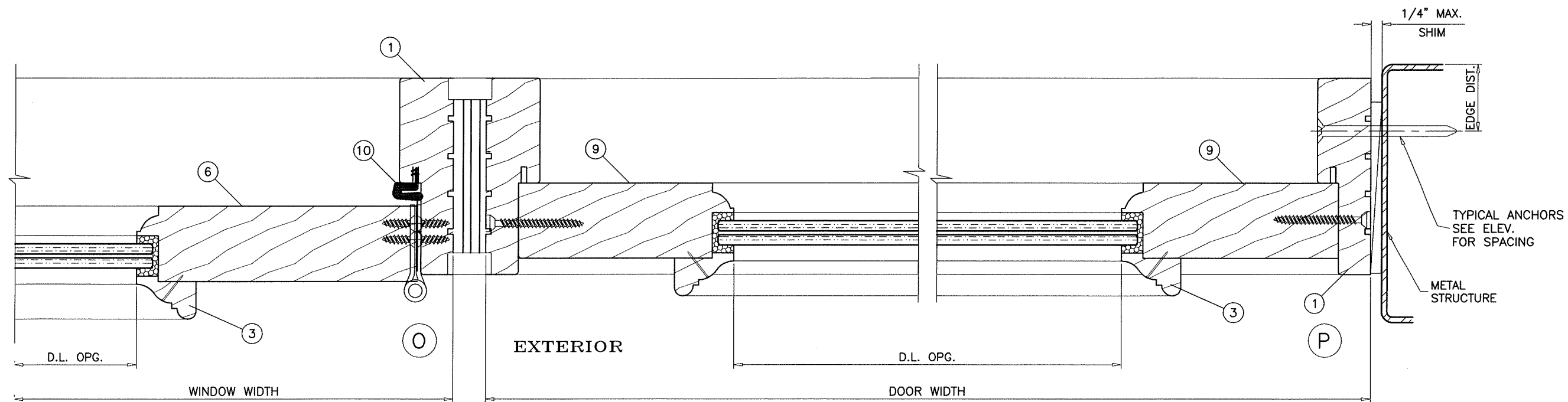
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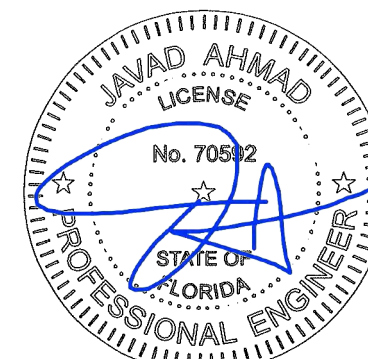
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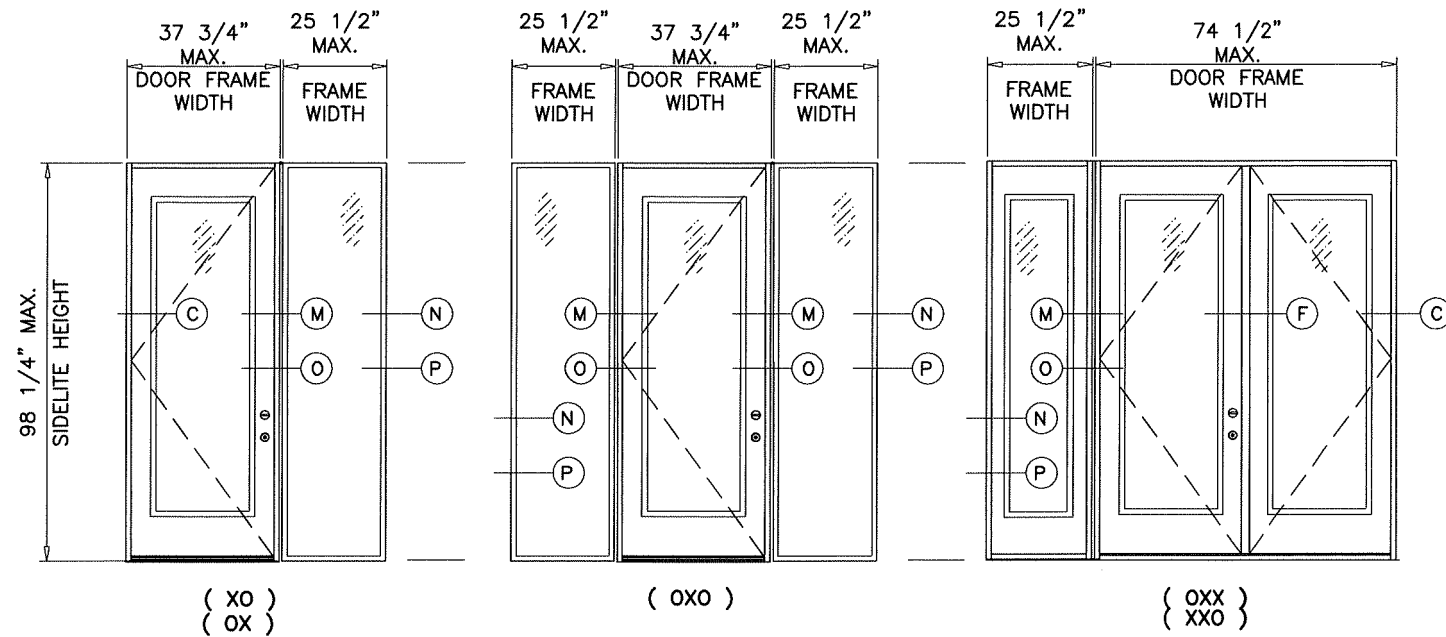
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TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY ITW ($F_u=100$ KSI, $F_y=125$ KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

1/4" TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

INTO FBC APPROVED MULLIONS

OR

INTO METAL STRUCTURES (HEAD/SILL/JAMBS)

(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

STEEL: 1/8" THK. MIN. ($F_y = 36$ KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#14 WOOD SCREW

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD

ANCHORS EDGE DISTANCES

INTO CONCRETE AND MASONRY = 2 1/2" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

INTO WOOD STRUCTURE/FRAME = 1" MIN.

CONCRETE AT HEAD, SILL OR JAMBS $f'_c = 3000$ PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS $f'_m = 2000$ PSI MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

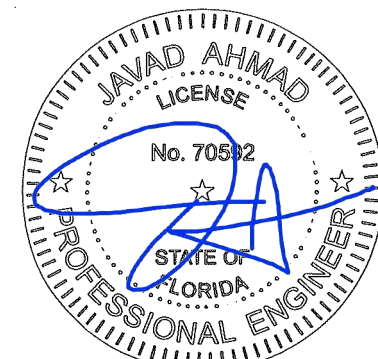
SEALANT:

ALL JOINTS SEALED WITH D3 WOOD ADHESIVE

WOOD BUCKS NOT BY EXCLUSIVE WOOD DOORS, MUST
 SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER
 THEM TO THE BUILDING STRUCTURE.

MIRROR CONFIGURATION SIDELITE OF DIRECT SET OR WITH
 SASH ARE ALSO APPROVED.

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① FRAME HEAD/SILL/JAMB

② DIRECT SET GLAZING STOP

③ GLASS/ PANEL TRIM

④ OUTSWING THRESHOLD

⑤ ASTRAGAL

⑥ DOOR SIDE RAIL

⑦ TOP RAIL

⑧ BOTTOM RAIL

⑨ FIXED SIDE RAIL

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	4/ WDW.	FRAME HEAD/SILL/JAMB	WOOD	WOOD
2	-	4/ WDW.	DIRECT SET GLAZING STOP	WOOD	WOOD
3	-	AS REQD.	GLASS/ PANEL TRIM	WOOD	WOOD
4	-	AS REQD.	OUTSWING THRESHOLD	ALUM	ALUM
5	-	AS REQD.	ASTRAGAL	WOOD	WOOD
6	-	AS REQD.	SIDE RAIL	WOOD	WOOD
7	-	AS REQD.	TOP RAIL	WOOD	WOOD
8	-	AS REQD.	BOTTOM RAIL	WOOD	WOOD
9	-	AS REQD.	SIDELITE RAIL	WOOD	WOOD
10	-	AS REQD.	COMPRESSION WEATHERSTRIP		LaxSeal 9650
11	-	AS REQD.	IVES SURFACE BOLT #454 8" LG X .25" THK	STEEL	
12	-	AS REQD.	SEX BOLT (OPTIONAL)	STEEL	
13	-	AS REQD.	16 GA. X 1.25" BRAD NAILS		9" O.C. MAX
14	-	AS REQD.	16 GA. X 1.25" BRAD NAILS		12" O.C. MAX
15	-	AS REQD.	#8 X 2.50" PHIL SCREWS		4" FROM EDGE, 12" O.C.
16	-	AS REQD.	LVL FRAME REINF. 3/4" THK	PLYWOOD	
17	-	AS REQD.	1" X 0.5" CORRUGATED FASTENER	STEEL	2" FROM ENDS & 6" O.C.
18	-	3/OAK LEAF	4" X 4" BUTT HINGE 12GA	STEEL	6 1/2" FROM ENDS & 1 INT.
	-	4/ MAHG. LEAF	4" X 4" BUTT HINGE 12GA	STEEL	6 1/2" FROM ENDS & 2 INT.
19	-	AS REQD.	SCHLAGE F-300 SERIES PULL HANDLE		
20	-	AS REQD.	SCHLAGE F-300 SERIES DEADBOLT		

TYPICAL WOOD-MARA MACHO MAHOGANY
SPECIFIC GRAVITY = 0.44 MIN.
TYPICAL WOOD-OAK
SPECIFIC GRAVITY = 0.50 MIN.

Cross Section:
Rectangular Frame
Assembly

FRAME CORNER DETAILS

TYPICAL AT HEAD AND SILL
WITH (2) #8 x 2 1/2" DECK SCREW
ALL WOOD CONTACT SURFACES ARE
FULLY GLUED WITH D3 WOOD ADHESIVE.

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