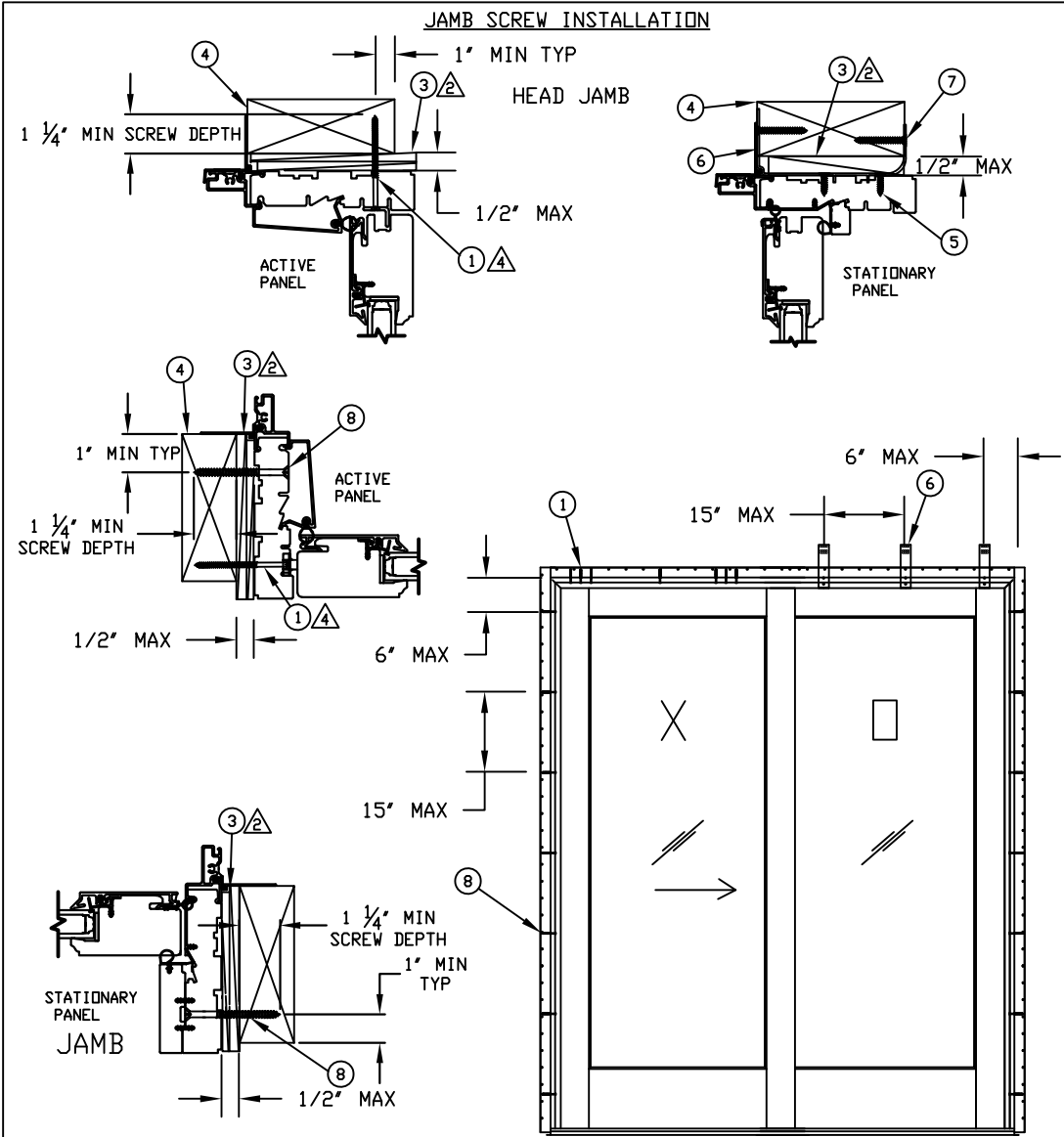
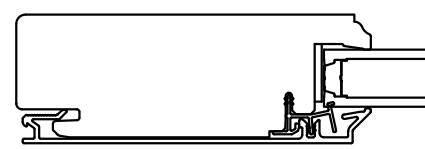


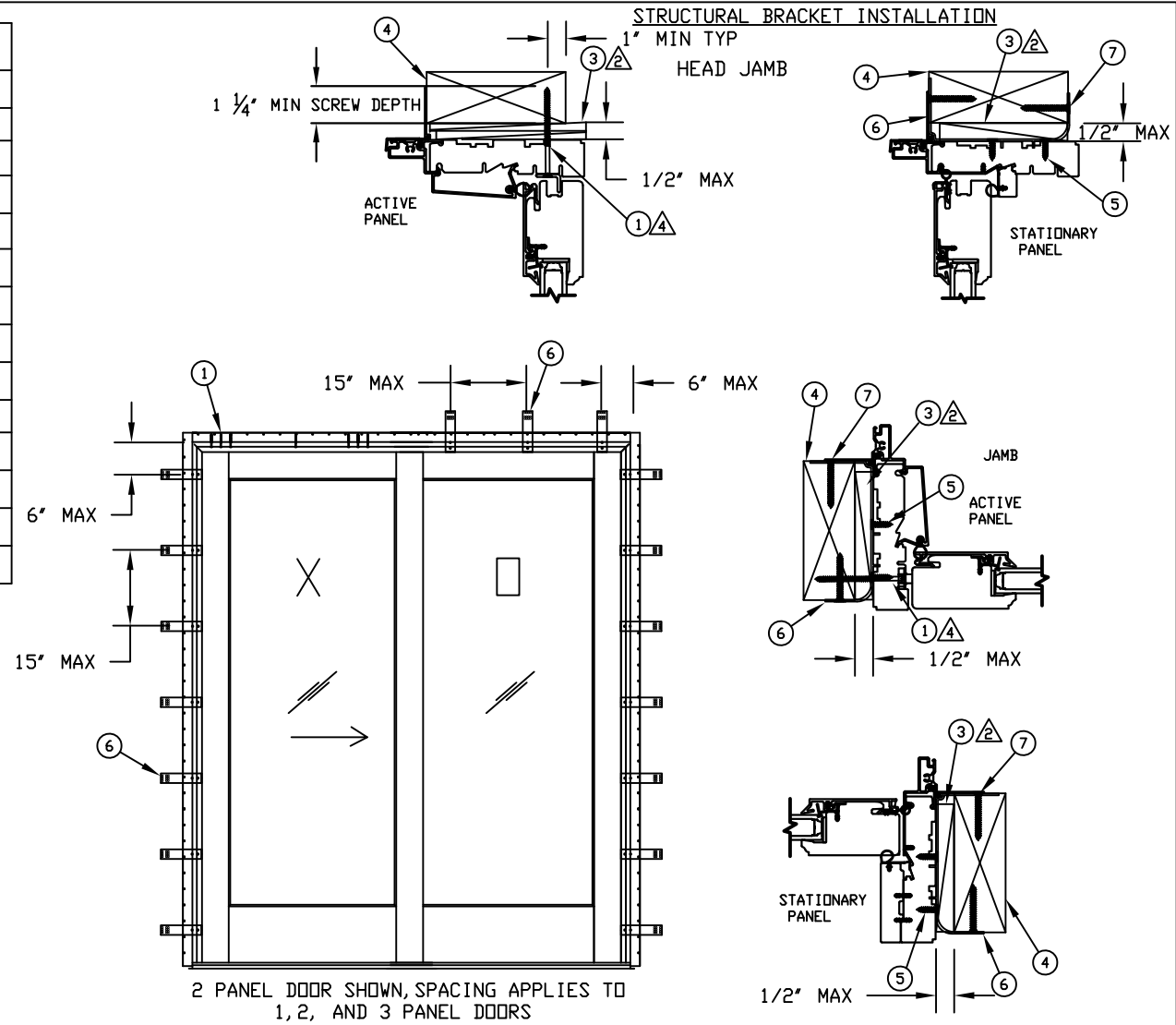
- JAMB SCREW INSTALLATION METHOD:
- UNIT MUST NOT BE IN DIRECT CONTACT WITH EITHER CONCRETE OR TREATED BUCK MATERIAL. IF SHIM SPACE IS LESS THAN 1/8" WRAPPING THE JAMBS AND HEAD JAMBS WITH WINDOW FLASHING TAPE IS REQUIRED AS A BARRIER BETWEEN THE UNIT AND CONCRETE OR TREATED LUMBER.
 - SECURE THE JAMBS WITH #10 X 3" SCREWS SPACING 6" FROM CORNER AND 15" OC
 - MINIMUM OF 2 PER SIDE.
 - SHIM AT EACH SCREW AND BRACKET LOCATION
 - APPLY TWO #8 X 3" SCREWS INTO EACH KEEPER
 - APPLY TWO #8 X 3" SCREWS INTO EACH FRAME ALIGNMENT BOLT
 - APPLY SEVEN #8 X 3" SCREWS INTO EACH HEADER TRACK
 - APPLY #8 X 1 1/2" SCREWS THROUGH SILL SPACED 15" OC
 - NAILING FIN SHOWN BUT IS OPTIONAL
 - STRUCTURAL BRACKETS INSTALLED ABOVE STATIONARY PANELS 6" FROM CORNERS AND 15" OC

- NOTES:
1. THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY. FOR FLASHING & SEALING REQUIREMENTS, REFER TO THE INSTALLATION INSTRUCTIONS.
- SHIMS:
- A SHIM MUST BE PLACED 4-6" FROM EACH CORNER.
 - ALL OTHERS MUST BE PLACED A MAX OF 15 INCHES APART.
3. IF CHEMICALLY TREATED LUMBER IS USED FOR BUCK MATERIAL, FASTENERS INTO THE BUCK MUST BE A MINIMUM OF 0.90 OZ/FT^2 ZINC HOT DIPPED GALVANIZED OR STAINLESS STEEL TYPE 304 OR 316.
- USED THROUGH FRAME HARDWARE
- 5 APPLIES TO 4-9/16 AND 6-9/16 FRAMES, 4-9/16 SHOWN

UNIT	MAX PANEL WIDTH	MAX FRAME SIZE	PG
USFDG2 OX/XO	49 1/2	96 5/8 X 98	+50/-50
USFDG2 OOX/XOO	49 1/2	146 1/4 X 98	+40/-40
USFD2.25G2 OX/XO	61 1/2	120 5/8 X 122	+40/-40
USFD2.25G2 OX/XO	61 1/2	120 5/8 X 98	+50/-50
USFD2.25G2 OOX/XOO	61 1/2	182 1/4 X 122	+40/-40
USD2.25 OX/XO	60 5/8	120 5/8 X 98	+40/-40
USD2.25 OX/XO	36 5/8	72 5/8 X 122	+30/-30
USD2.25 OOX/XOO	60 5/8	181 3/8 X 98	+40/-40
USD2.25 OOX/XOO	36 5/8	109 3/8 X 122	+30/-30
USD OX/XO	48 5/8	96 5/8 X 98	+30/-30
USD OX/XO	48 5/8	96 5/8 X 82	+40/-40
USD OOX/XOO	48 5/8	145 3/8 X 98	+30/-30
USD OOX/XOO	48 5/8	145 3/8 X 82	+40/-40
USD2.25 HP OX/XO	48 5/8	96 5/8 X 98	+50/-50



GLAZING DETAIL



- STRUCTURAL BRACKET INSTALLATION METHOD:
- UNIT MUST NOT BE IN DIRECT CONTACT WITH EITHER CONCRETE OR TREATED BUCK MATERIAL. IF SHIM SPACE IS LESS THAN 1/8" WRAPPING THE JAMBS AND HEAD JAMB WITH WINDOW FLASHING TAPE IS REQUIRED AS A BARRIER BETWEEN THE UNIT AND CONCRETE OR TREATED LUMBER.
 - MINIMUM OF 2 BRACKETS PER SIDE.
 - SCREWS LISTED BELOW MUST BE FULLY EMBEDDED.
 - ATTACH TO THE UNIT WITH TWO #8 X 5/8" SCREWS.
 - ATTACH TO THE BUCK WITH TWO #8 X 1 1/2" SCREWS ON EACH SIDE OF THE BUCK.
 - APPLY TWO 8 X 3" SCREWS INTO EACH KEEPER
 - APPLY TWO 8 X 3" SCREWS INTO EACH FRAME ALIGNMENT BOLT
 - APPLY SEVEN 8 X 3" SCREWS INTO EACH HEADER TRACK
 - APPLY #8 X 1 1/2" SCREWS THROUGH SILL SPACED 15" OC
 - NAILING FIN SHOWN BUT IS OPTIONAL

CATEGORY:
SLIDING DOOR, SLIDING FRENCH DOOR,
UNIT TYPE:
USD, USD2.25, USFDG2, USFD2.25G2,

			UNSPECIFIED TOLERANCES	
8	-----	#10 X 3" WOOD SCREW	DECIMALS:	ANGLE DEG:
7	-----	#8 X 1 1/2" SCREW	XX ± .03	± .5
6	-----	STRUCTURAL BRACKET	XXX± .012	
5	-----	#8 X 5/8" SCREW	LINEAL:	FAB LINEAL:
4	-----	2X WOOD BUCK BY OTHERS	+ .125	± NA
3	-----	SHIM	- .000	
2	-----	#10 X 2 1/2" WOOD SCREW	MATERIAL:	
1	-----	#8 X 3" WOOD SCREW		
ITEM NO	REF NO	DESCRIPTION	NA	

MARVIN

RESEARCH & DEVELOPMENT

COLLECTION: ULTIMATE

DWG TYPE: INSTALLATION

DESCRIPTION: OX/XO AND OOX/XOO INSTALLATION

CHK:

SIZE: B

CLASS: MISC

DWG NO: 00135421

APP:

SCALE: NA

DATE: 9/30/2022

DWG BY: BALDWIN, JACOB

SHEET: 1 OF 1