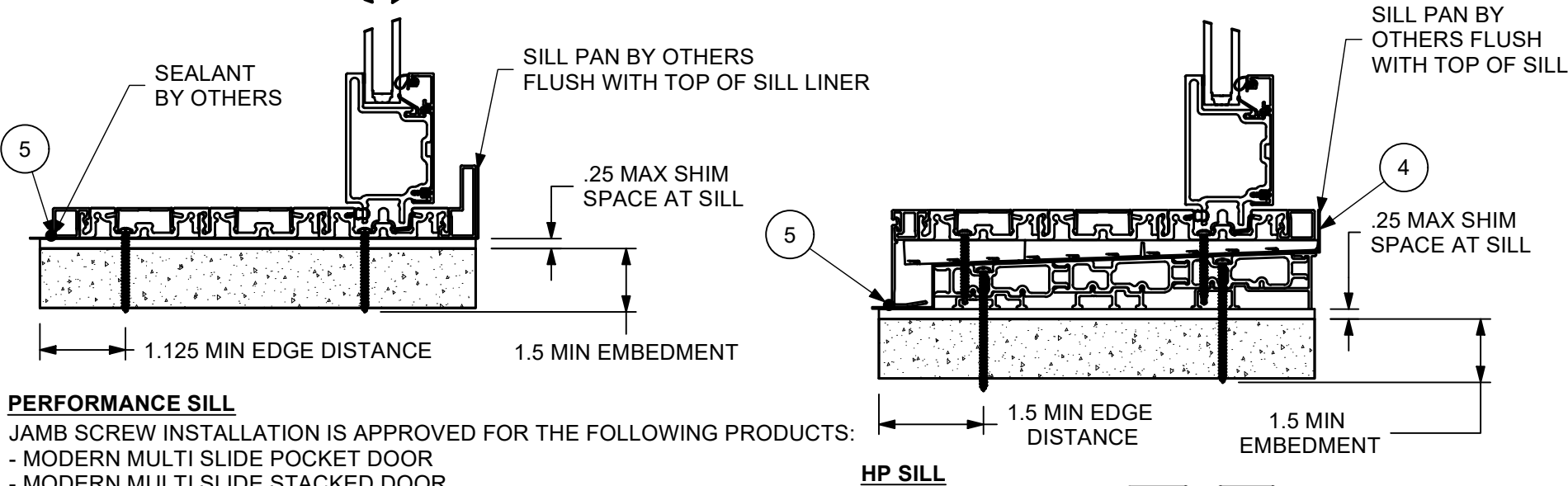
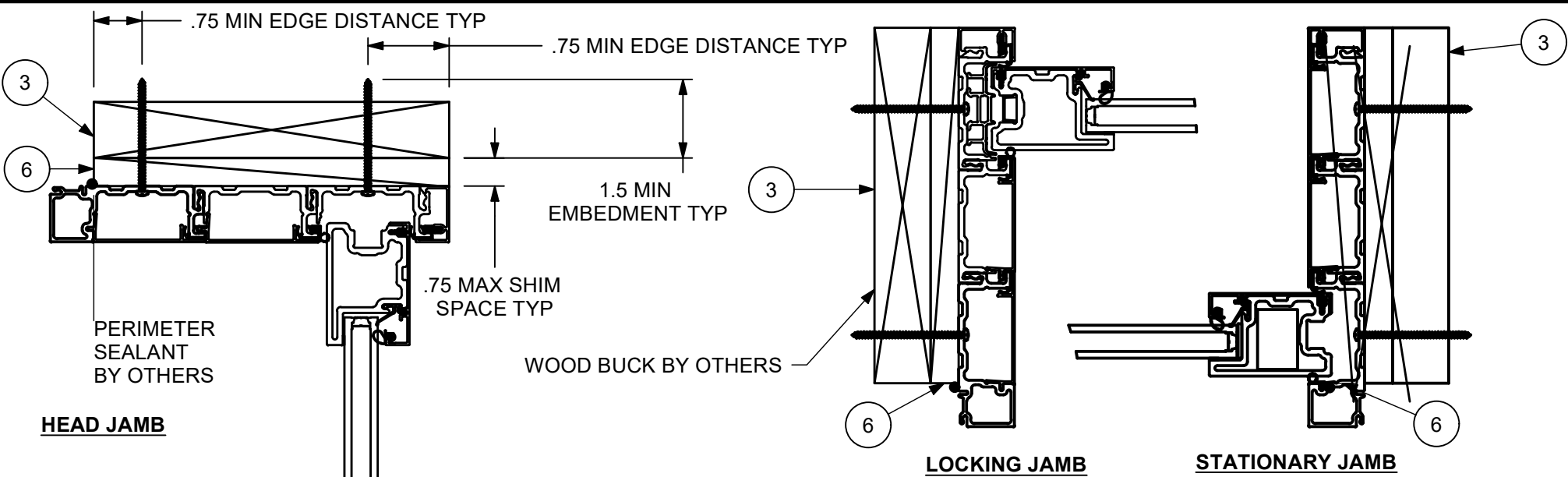
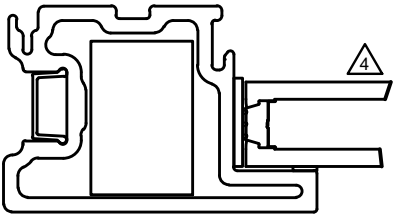




PERFORMANCE SILL
JAMB SCREW INSTALLATION IS APPROVED FOR THE FOLLOWING PRODUCTS:
- MODERN MULTI SLIDE POCKET DOOR
- MODERN MULTI SLIDE STACKED DOOR

3 PANEL DOOR SHOWN, APPLIES TO ALL DOOR CONFIGURATIONS AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND TOTAL WIDTH DOES NOT EXCEED MAXIMUM DIMENSION FOR PRODUCT. FOR BI-PARTING AND POCKET UNIT INFORMATION, REFER TO SHEET 2 OF 3. FOR PRODUCT SIZES AND RATINGS, REFER TO SHEET 3 OF 3.

- NOTES:**
1. FOR GENERAL SPECIFICATIONS, REFER TO DOC 00003952
 2. THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY. FOR FLASHING & SEALING REQUIREMENTS, REFER TO THE INSTALLATION INSTRUCTIONS
 3. IF CHEMICALLY TREATED LUMBER IS USED FOR BUCK MATERIAL, FASTENERS INTO THE BUCK MUST BE A MINIMUM OF 0.90 OZ/FT² ZINC HOT DIPPED GALVANIZED OR STAINLESS STEEL TYPE 304 OR 316
 4. GLASS COMPLIES WITH ASTM E1300

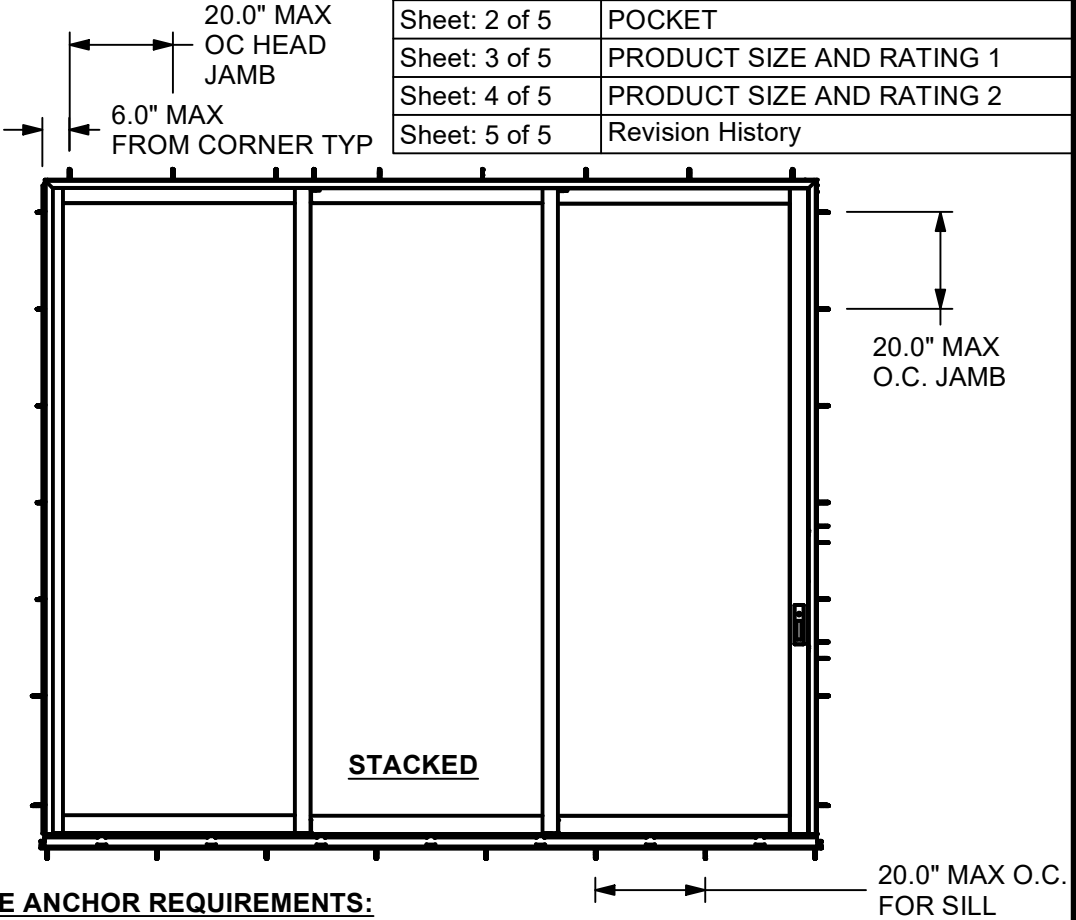


GLAZING DETAIL

CATEGORY: MULTI SLIDE DOOR **UNIT TYPE:** MMSDSTK, MMSDPKT

6	XXXXXXX	SHIMS
5	XXXXXXX	SEALANT
4	XXXXXXX	SILL PAN
3	XXXXXXX	FRAMING
2	00112452	UNIT, OXX
1	00035738	SHEET METAL SCREW - PAN, TRUSS AND ROUND HEAD (MASTER FILE-DO NOT MODIFY)
ITEM	DWG NO	DESCRIPTION
PARTS LIST		

SHEET LEGEND	
Sheet: 1 of 5	PRIMARY
Sheet: 2 of 5	POCKET
Sheet: 3 of 5	PRODUCT SIZE AND RATING 1
Sheet: 4 of 5	PRODUCT SIZE AND RATING 2
Sheet: 5 of 5	Revision History



- FRAME ANCHOR REQUIREMENTS:**
- UNIT MUST NOT BE IN DIRECT CONTACT WITH EITHER CONCRETE OR TREATED BUCK MATERIAL. IF SHIM SPACE IS LESS THAN 1/8", WINDOW FLASHING TAPE IS REQUIRED AS A BARRIER BETWEEN THE UNIT AND CONCRETE OR TREATED LUMBER
 - SECURE THE HEAD AND SIDE JAMBS WITH MINIMUM 2 ROWS OF #10 X 3" SCREWS
 - SECURE THE PERFORMANCE SILL WITH MINIMUM 2 ROWS #8 WOOD SCREWS OR 3/16" CONCRETE SCREWS
 - SECURE THE HIGH PERFORMANCE SILL SLOPE WITH MINIMUM 2 ROWS #8 WOOD SCREWS OR 3/16" CONCRETE SCREWS
 - SECURE THE HIGH PERFORMANCE SILL TO THE SILL SLOPE WITH THE #8 X 1.75" SCREWS PROVIDED, MINIMUM 2 ROWS SPACED 10" O.C.
 - SECURE THE JAMB STRIKE WITH 4 - #8 X 3 SCREWS
 - ALL FASTENERS TO BE SEALED WHERE THE PENETRATE THE SILL PAN
 - SHIMS ARE REQUIRED NEXT TO ANY FRAME ANCHOR WHERE THE SHIM SPACE EXCEEDS 1/16"
 - SECURE STATIONARY PANEL WITH ONE #10 X 3" SCREW THROUGH EACH STATIONARY BRACKET INTO HEAD JAMB

MARVIN  **RESEARCH & DEVELOPMENT**

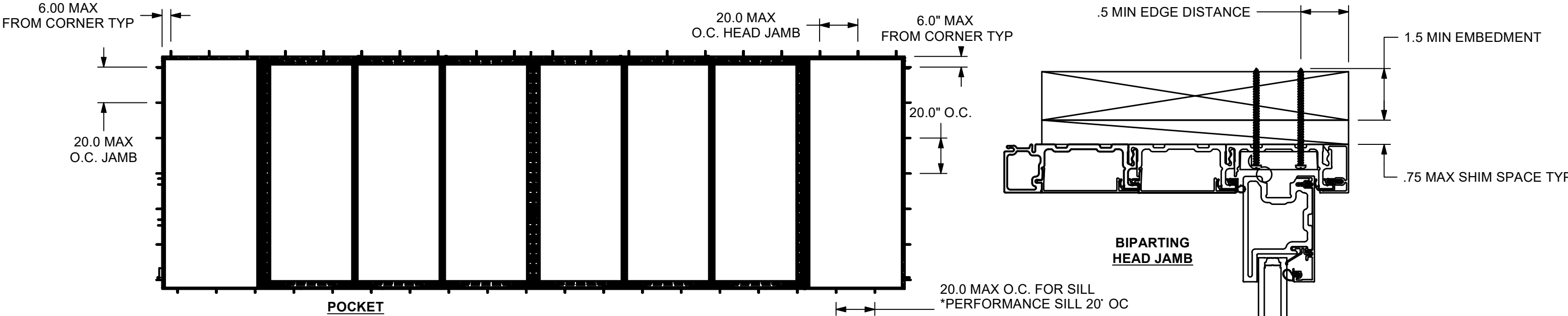
COLLECTION: MODERN

DWG TYPE: INSTALLATION
DESCRIPTION: INSTALLATION METHODS

SHEET NAME: PRIMARY (1 OF 5)

CHK: CH 11/24/2025	SIZE: B	CLASS: MISC	DWG NO: 00115004	REV: 1.2
APP: TDG 11/25/2025	SCALE: 1:35	DATE: 9/11/2018	DWG BY: BAIN, JASON	

1.2	ADDED SHEET 4 TABLES AND ADDITIONAL INFORMATION ON SHEET 3	28651	11/24/2025	CAM
1.1	UPDATED TAXONOMY & TO LATEST TEMPLATE; ADDED NOTE 4 WITH DELTA; ADDED PARTS LSIT; REMOVED FL NUMBER AND UPDATED DESCRIPTION	PEND	08/09/23	CAM
REV	DESCRIPTION / REQUESTOR	ECN NO	DATE	REV BY



FRAME ANCHOR REQUIREMENTS:

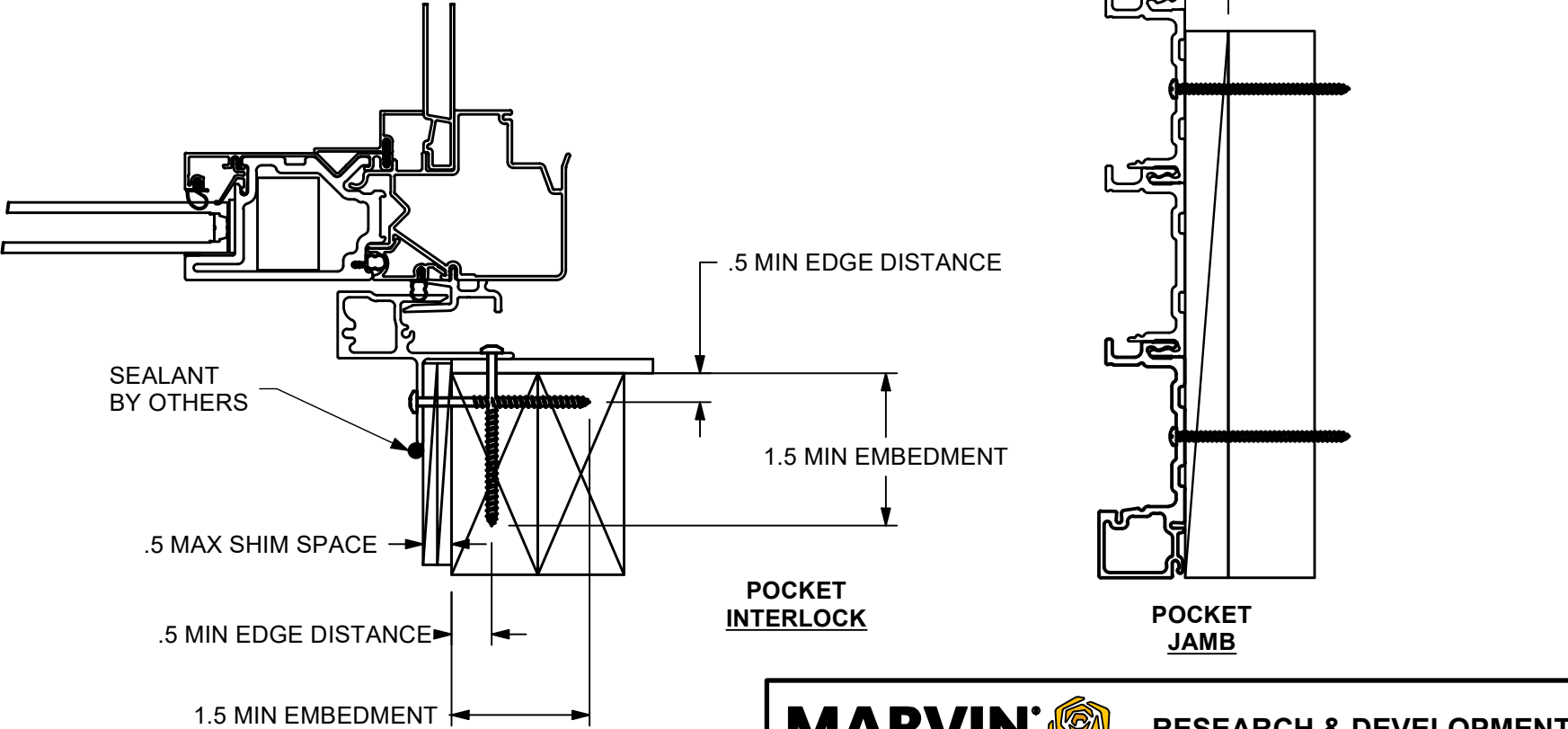
- UNIT MUST NOT BE IN DIRECT CONTACT WITH EITHER CONCRETE OR TREATED BUCK MATERIAL. IF SHIM SPACE IS LESS THAN 1/8", WINDOW FLASHING TAPE IS REQUIRED AS A BARRIER BETWEEN THE UNIT AND CONCRETE OR TREATED LUMBER
- SECURE THE HEAD AND SIDE JAMBS WITH MINIMUM 2 ROWS OF #10 X 3" SCREWS
- SECURE THE PERFORMANCE SILL WITH MINIMUM 2 ROWS #8 WOOD SCREWS OR 3/16" CONCRETE SCREWS
- SECURE THE HIGH PERFORMANCE SILL SLOPE WITH MINIMUM 2 ROWS #8 WOOD SCREWS OR 3/16" CONCRETE SCREWS
- SECURE THE HIGH PERFORMANCE SILL TO THE SILL SLOPE WITH THE #8 X 1.75" SCREWS PROVIDED, MINIMUM 2 ROWS SPACED 10" O.C.
- SECURE THE JAMB STRIKE WITH 4 - #8 X 3 SCREWS
- ALL FASTENERS TO BE SEALED WHERE THE PENETRATE THE SILL PAN
- SHIMS ARE REQUIRED NEXT TO ANY FRAME ANCHOR WHERE THE SHIM SPACE EXCEEDS 1/16"
- SECURE POCKET INTERLOCK WITH #10 X 3" SCREWS 4" MAX FROM CORNER AND 12" O.C.

JAMB SCREW INSTALLATION IS APPROVED FOR THE FOLLOWING PRODUCTS:

- MODERN MULTI SLIDE POCKET DOOR
- MODERN MULTI SLIDE STACKED DOOR

6 PANEL DOOR SHOWN, APPLIES TO ALL DOOR CONFIGURATIONS AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND TOTAL WIDTH DOES NOT EXCEED MAXIMUM DIMENSION FOR PRODUCT. FOR UNIDIRECTIONAL AND STACKED UNIT INFORMATION, REFER TO SHEET 1 OF 5. FOR PRODUCT SIZES AND RATINGS, REFER TO SHEET 3 AND 4 OF 5.

- NOTES:**
1. FOR GENERAL SPECIFICATIONS, REFER TO DOC 00003952
 2. THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY. FOR FLASHING & SEALING REQUIREMENTS, REFER TO THE INSTALLATION INSTRUCTIONS
 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
 4. GLASS COMPLIES WITH ASTM E1300



CATEGORY:
MULTI SLIDE DOOR

UNIT TYPE:
MMSDSTK, MMSDPKT

MARVIN  RESEARCH & DEVELOPMENT				
COLLECTION: MODERN				
DWG TYPE: INSTALLATION DESCRIPTION: INSTALLATION METHODS				
SHEET NAME: POCKET (2 OF 5)				
CHK: CH 11/24/2025	SIZE: B	CLASS: MISC	DWG NO: 00115004	REV: 1.2
APP: TDG 11/25/2025	SCALE: 1 / 50	DATE: 9/11/2018	DWG BY: BAIN, JASON	

CONFIGURATION	FRAME SIZE	PANEL WIDTH	SILL TYPE	SYSTEM SIZE HEIGHT	PG RATING
OX OR XO	143 11/16 X 120	72 3/8	PERFORMANCE		+45/-45
			HIGH PERFORMANCE	121 3/4	+45/-45
OXX OR XXO	212 13/16 X 120	72 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
OXXX OR XXXO	281 15/16 X 120	72 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
OXXXX OR XXXXO	351 1/16 X 120	72 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
OXXXXX OR XXXXXO	420 3/16 X 120	72 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
OX-XO	285 3/4 X 120	72 3/8	PERFORMANCE		+35/-35
			HIGH PERFORMANCE	121 3/4	+35/-35
OXX-XXO	424 X 120	72 3/8	PERFORMANCE		+35/-35
			HIGH PERFORMANCE	121 3/4	+35/-35
OXXX-XXXO	562 1/4 X 120	72 3/8	PERFORMANCE		+35/-35
			HIGH PERFORMANCE	121 3/4	+35/-35
OXXXX-XXXXO	700 1/2 X 120	72 3/8	PERFORMANCE		+35/-35
			HIGH PERFORMANCE	121 3/4	+35/-35
OX-XO	237 3/4 X 120	60 3/8	PERFORMANCE		+40/-45
			HIGH PERFORMANCE	121 3/4	+40/-45
OXX-XXO	340 X 120	60 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
OXXX-XXXO	466 1/4 X 120	60 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
OXXXX-XXXXO	580 1/2 X 120	60 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
OOX OR XOO	216 5/8	72 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
OOOX OR XOOOO	289 9/16	72 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
OX-O OR O-XO	216 5/8	72 3/8	PERFORMANCE		+35/-35
			HIGH PERFORMANCE	121 3/4	+35/-35
OX-O OR O-XO	180 5/8	60 3/8	PERFORMANCE		+40/-45
			HIGH PERFORMANCE	121 3/4	+40/-45
OX-XOO OR OOX-XO	358 11/16	72 3/8	PERFORMANCE		+35/-35
			HIGH PERFORMANCE	121 3/4	+35/-35
OX-XOO OR OOX-XO	298 11/16	60 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
XOX (1:2:1)	187 7/8	(X) 47 13/16 (O) 96 1/4	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
XOOX	285 3/4	72 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
OXX-O OR O-XXO	285 3/4	72 3/8	PERFORMANCE		+35/-35
			HIGH PERFORMANCE	121 3/4	+35/-35
OXX-O OR O-XXO	237 11/16	60 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
OXX-XO OR OX-XXO	354 7/8	72 3/8	PERFORMANCE		+35/-35
			HIGH PERFORMANCE	121 3/4	+35/-35
OXX-XO OR OX-XXO	294 7/8	60 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
XP OR PX	150 11/16 X 120	72 3/8	PERFORMANCE		NA
			HIGH PERFORMANCE	121 3/4	+50/-45
XXP OR PXX	219 7/16 X 120	72 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+50/-45
XXXP OR PXXX	288 9/16 X 120	72 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40
XXXXP OR PXXXX	357 11/16 X 120	72 3/8	PERFORMANCE		+40/-40
			HIGH PERFORMANCE	121 3/4	+40/-40

CONFIGURATION	FRAME SIZE	PANEL WIDTH	SILLTYPE	SYSTEM SIZE HEIGHT	PG RATING
XXXXXP OR PXXXXX	426 13/16 X 120	72 3/8	PERFORMANCE	121 3/4	+40/-40
			HIGH PERFORMANCE		+40/-40
XXXXXXP OR PXXXXXX	495 15/16 X 120	72 3/8	PERFORMANCE	121 3/4	+40/-40
			HIGH PERFORMANCE		+40/-40
PX-XP	299 13/16 X 120	72 3/8	PERFORMANCE	121 3/4	NA
			HIGH PERFORMANCE		+35/-35
PXX-XXP	437 1/4 X 120	72 3/8	PERFORMANCE	121 3/4	+35/-35
			HIGH PERFORMANCE		+35/-35
PXXX-XXXP	575 1/2 X 120	72 3/8	PERFORMANCE	121 3/4	+35/-35
			HIGH PERFORMANCE		+35/-35
PXXXX-XXXXP	713 3/4 X 120	72 3/8	PERFORMANCE	121 3/4	+35/-35
			HIGH PERFORMANCE		+35/-35
PXXXXX-XXXXXP	852 X 120	72 3/8	PERFORMANCE	121 3/4	+35/-35
			HIGH PERFORMANCE		+35/-35
PX-XP	251 13/16 X 120	60 3/8	PERFORMANCE	121 3/4	NA
			HIGH PERFORMANCE		+40/-45
PXX-XXP	365 1/4 X 120	60 3/8	PERFORMANCE	121 3/4	+40/-45
			HIGH PERFORMANCE		+40/-45
PXXX-XXXP	479 1/2 X 120	60 3/8	PERFORMANCE	121 3/4	+40/-40
			HIGH PERFORMANCE		+40/-40
PXXXX-XXXXP	593 3/4 X 120	60 3/8	PERFORMANCE	121 3/4	+40/-40
			HIGH PERFORMANCE		+40/-45
PXXXXX-XXXXXP	708 X 120	60 3/8	PERFORMANCE	121 3/4	+40/-40
			HIGH PERFORMANCE		+40/-40

CATEGORY:
MULTI SLIDE DOOR

UNIT TYPE:
MMSDSTK, MMSDPKT

MARVIN



RESEARCH & DEVELOPMENT

COLLECTION: MODERN

DWG TYPE: INSTALLATION
DESCRIPTION: INSTALLATION METHODS

SHEET NAME: PRODUCT SIZES AND RATINGS 1 (3 OF 5)

CHK: CH
11/24/2025

SIZE: B

CLASS: MISC

DWG NO: 00115004

REV: 1.2

APP: TDG
11/25/2025

SCALE:

DATE: 9/11/2018

DWG BY: BAIN, JASON

CONFIGURATION	FRAME SIZE	PANEL WIDTH	SILL TYPE	SYSTEM HEIGHT	DP RATING
OX OR XO	119 11/16 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OXX OR XXO	176 13/16 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OXXX OR XXXO	233 15/16 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OXXXX OR XXXXO	291 1/16 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OXXXXX OR XXXXXO	348 3/16 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OX-XO	237 3/4 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
OXX-XXO	352 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
OXXX-XXXO	466 1/4 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
OXXXX-XXXXO	580 1/2 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
OX-XO	189 3/4 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OXX-XXO	280 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OXXX-XXXO	370 1/4 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OXXXX-XXXXO	460 1/2 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OOX OR XOO	180 5/8 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OOOX OR XOOO	241 9/16 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OX-O OR O-XO	180 5/8 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
OX-O OR O-XO	144 5/8 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OX-XOO OR OOX-XO	298 11/16 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
OX-XOO OR OOX-XO	238 11/16 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
XOX (1:2:1)	139 15/16 X 144	(X) 35 13/16 (O) 72 1/4	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
XOOX	237 3/4 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OXX-O OR O-XXO	237 3/4 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
OXX-O OR O-XXO	189 3/4 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
OXX-XO OR OX-XXO	294 7/8 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
OXX-XO OR OX-XXO	234 7/8 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25

CONFIGURATION	FRAME SIZE	PANEL WIDTH	SILL TYPE	SYSTEM HEIGHT	DP RATING
XP OR PX	125 15/16 X 144	60 13/32	PERFORMANCE	145 3/4	NA
			HIGH PERFORMANCE		+30/-25
XXP OR PXX	183 7/16 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+30/-25
XXXP OR PXXX	240 9/16 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
XXXXP OR PXXXX	297 11/16 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
XXXXXP OR PXXXXX	354 13/16 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
XXXXXXP OR PXXXXXX	411 15/16 X 144	60 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
PX-XP	250 1/4 X 144	60 13/32	PERFORMANCE	145 3/4	NA
			HIGH PERFORMANCE		+20/-20
PXX-XXP	365 1/4 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
PXXX-XXXP	479 1/2 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
PXXXX-XXXXP	593 3/4 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
PXXXXX-XXXXXP	708 X 144	60 13/32	PERFORMANCE	145 3/4	+20/-20
			HIGH PERFORMANCE		+20/-20
PX-XP	202 1/4 X 144	48 13/32	PERFORMANCE	145 3/4	NA
			HIGH PERFORMANCE		+25/-25
PXX-XXP	293 1/4 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
PXXX-XXXP	383 1/2 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
PXXXX-XXXXP	473 3/4 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25
PXXXXX-XXXXXP	564 X 144	48 13/32	PERFORMANCE	145 3/4	+25/-25
			HIGH PERFORMANCE		+25/-25

MARVIN



RESEARCH & DEVELOPMENT

COLLECTION: MODERN

DWG TYPE: INSTALLATION
DESCRIPTION: INSTALLATION METHODS

SHEET NAME: PRODUCT SIZE AND RATINGS 2 (4 OF 5)

CHK: CH	SIZE: B	CLASS: MISC	DWG NO: 00115004	REV: 1.2
APP: TDG	SCALE:	DATE: 9/11/2018	DWG BY: BAIN, JASON	
11/24/2025				