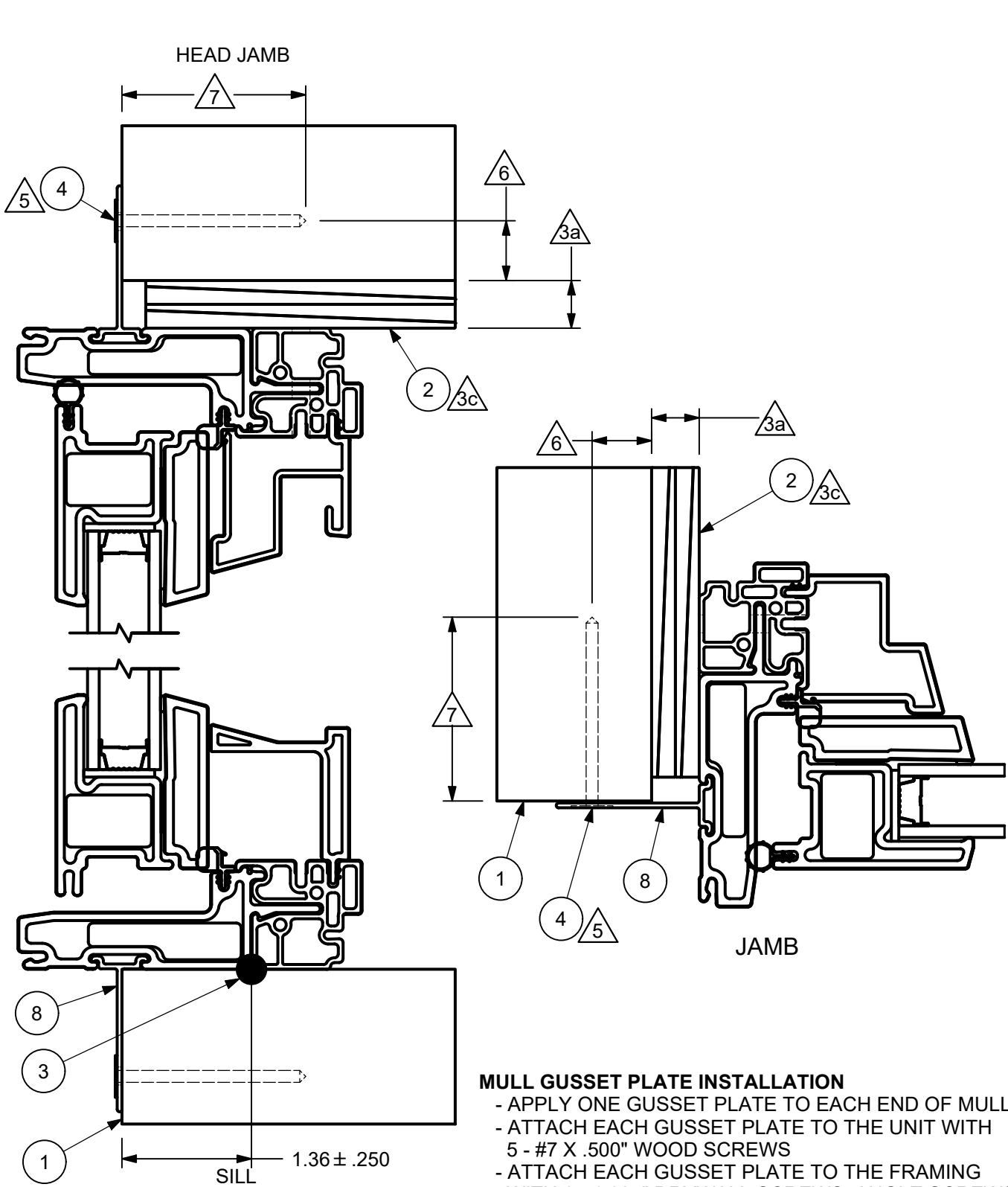
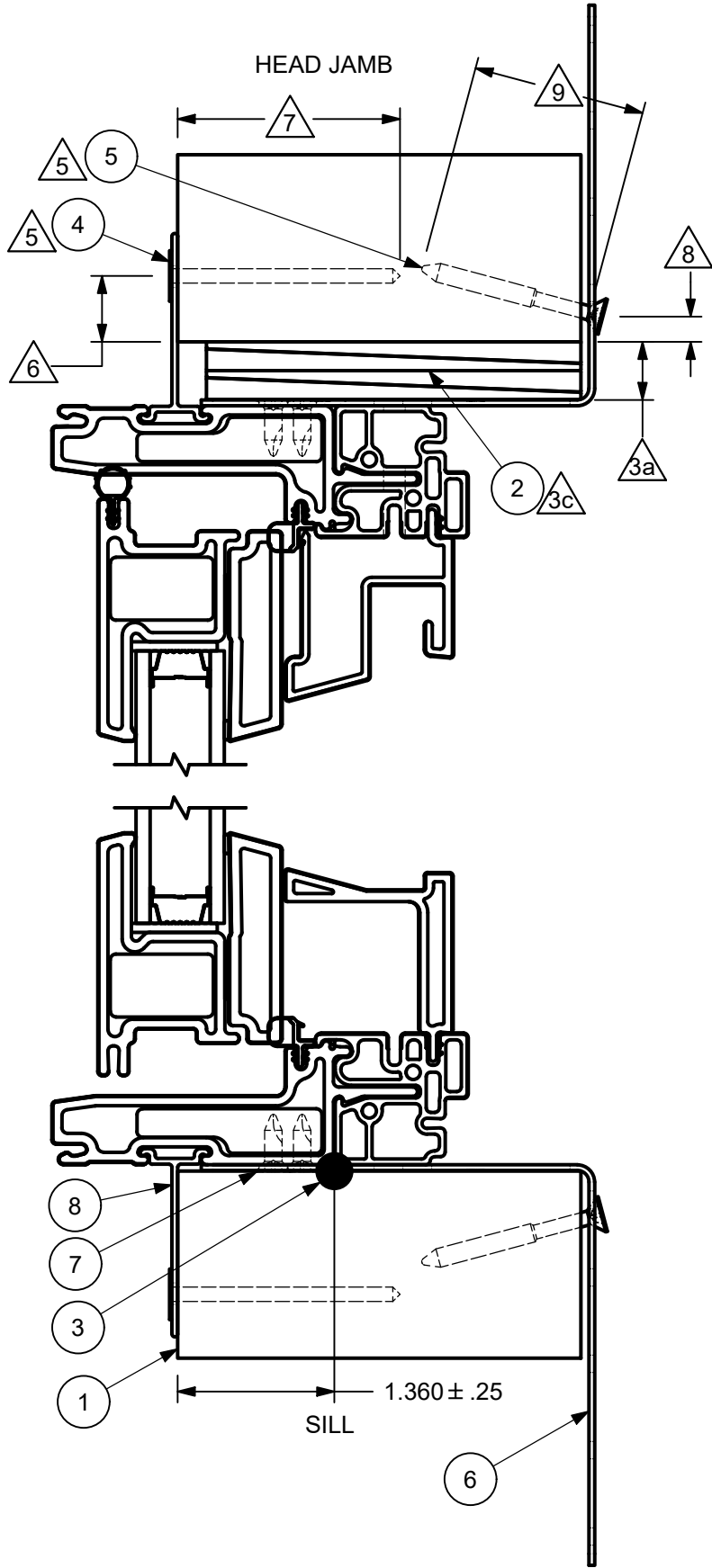


SHEET LEGEND	
Sheet: 1 of 3	NAILING FIN INSTALLATION
Sheet: 2 of 3	THROUGH JAMB INSTALLATION
Sheet: 3 of 3	MASONRY INSTALLATION

SECTION WITH MULL GUSSET PLATE

SECTION WITHOUT MULL GUSSET PLATE



MULL GUSSET PLATE INSTALLATION

- APPLY ONE GUSSET PLATE TO EACH END OF MULL
- ATTACH EACH GUSSET PLATE TO THE UNIT WITH 5 - #7 X .500" WOOD SCREWS
- ATTACH EACH GUSSET PLATE TO THE FRAMING WITH 6 - 1.625" DRYWALL SCREWS, ANGLE SCREWS TO A MIN OF 15° TOWARDS THE THICKER PART OF THE FRAMING
- GUSSET PLATES ARE SUPPLIED WITH THE GUSSET PLATE INSTALLATION INSTRUCTIONS
- APPLY A BEAD OF ASTM C920 GRADE NS, CLASS 25 SEALANT TO SILL/FRAMING

CATEGORY:
CASEMENT

UNIT TYPE:
VCA, VAWN, VCAP

NOTES:

1. FOR GENERAL SPECIFICATIONS, REFER TO DOC 00003952
2. FOR ELEVATIONS AND SPACING INFO FOR INSTALLATION, REFER TO DOC 00143332
- △ 3. INSTALLATION METHODS:
 - a. ROUGH OPENING
 - MAX OF .500" GAP AT POINTS OF ATTACHMENT
 - b. SEALANT
 - USE SILICONE OR EQUIVALENT
 - SEAL AROUND FRAME TO WALL WITH BACKER ROD AND SEALANT
 - c. SHIMS
 - SHIMS MUST BE PLACED AT EACH LOCK AND SNUBBER LOCATION
 - A SHIM MUST BE PLACED 4" TO 6" FROM EACH CORNER
 - A SHIM MUST BE PLACED A MAX OF 15" APART
4. THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY. FOR FLASHING AND SEALING REQUIREMENTS, REFER TO THE INSTALLATION INSTRUCTIONS
- △ 5. IF CHEMICALLY TREATED LUMBER IS USED FOR BUCK MATERIAL, FASTENERS INTO THE FRAME MUST BE A MINIMUM OF 0.90 OZ/FT² ZINC HOT DIPPED GALVANIZED STEEL TYPE 304 OR 316
- △ 6. MINIMUM FASTENER DISTANCE FROM EDGE .620"
- △ 7. MINIMUM FASTENER EMBEDMENT OF 1.930"
- △ 8. MINIMUM FASTENER DISTANCE FROM EDGE .250
- △ 9. MINIMUM FASTENER EMBEDMENT OF 1.509

8	00133340	NAIL FIN, RIGID
7	00140853	CROSS RECESSED FLAT No. 7-19 X .500 AB 17
6	00143258	MULL GUSSET PLATE
5	NA	1.625" DRYWALL SCREW
4	NA	2.000" GAL. ROOF NAIL
3	NA	ASTM C290 GRADE NS CLASS 25 SEALANT
2	NA	SHIM
1	NA	FRAMING MATERIAL
ITEM	DWG NO	DESCRIPTION

PARTS LIST

MARVIN  **RESEARCH & DEVELOPMENT**

COLLECTION: VIVID

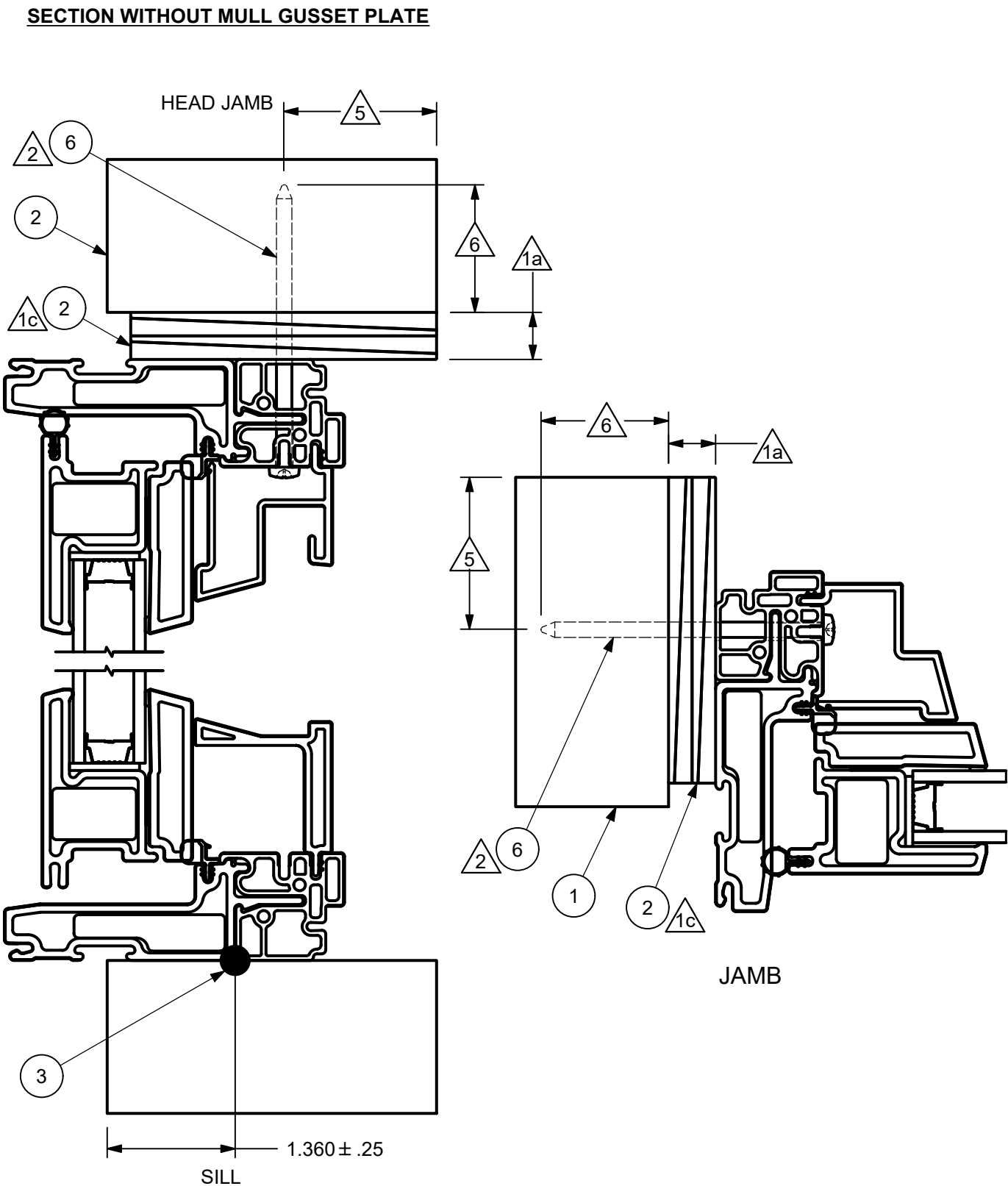
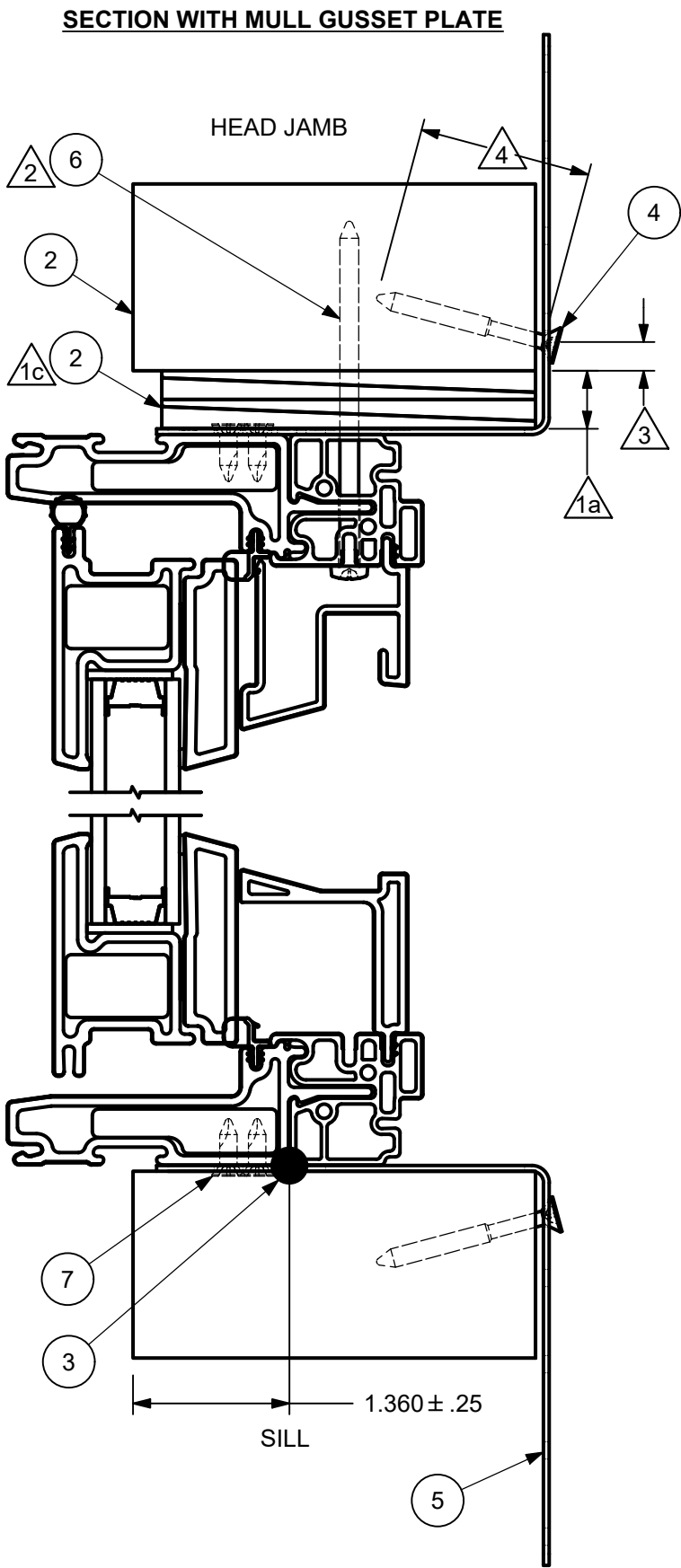
DWG TYPE: ASSEMBLY
DESCRIPTION: INSTALLATION METHODS, MULLING, STANDARD

SHEET NAME: NAILING FIN INSTALLATION (1 OF 3)

CHK: 02/12/25	RJB	SIZE: B	CLASS: ASSY	DWG NO: 00143723	REV: 0
APP: 02/13/25	RWP	SCALE: 2 : 3	DATE: 12/30/2024	DWG BY: Chris Bohn	

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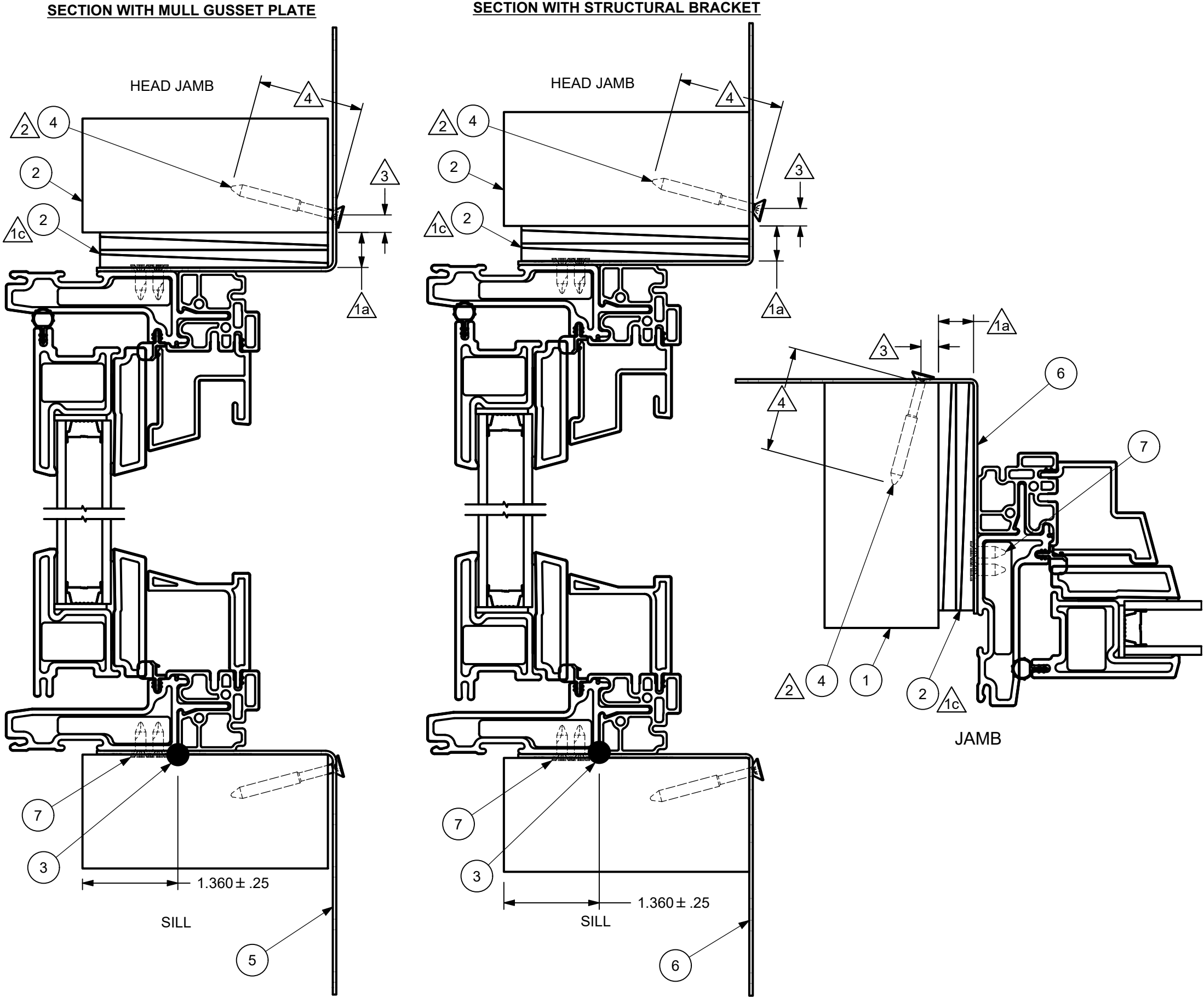
- MULL GUSSET PLATE INSTALLATION**
- APPLY ONE GUSSET PLATE TO EACH END OF MULL
 - ATTACH EACH GUSSET PLATE TO THE UNIT WITH 5 - #7 X .500" WOOD SCREWS
 - ATTACH EACH GUSSET PLATE TO THE FRAMING WITH 6 - 1.625" DRYWALL SCREWS, ANGLE SCREWS TO A MIN OF 15° TOWARDS THE THICKER PART OF THE FRAMING
 - GUSSET PLATES ARE SUPPLIED WITH THE GUSSET PLATE INSTALLATION INSTRUCTIONS
 - APPLY A BEAD OF ASTM C920 GRADE NS, CLASS 25 SEALANT TO SILL/FRAMING

- NOTES:**
- △ 1. INSTALLATION METHODS:
- a. ROUGH OPENING
 - MAX OF .500" GAP AT POINTS OF ATTACHMENT
 - b. SEALANT
 - USE SILICONE OR EQUIVALENT
 - SEAL AROUND FRAME TO WALL WITH BACKER ROD AND SEALANT
 - c. SHIMS
 - SHIMS MUST BE PLACED AT EACH LOCK AND SNUBBER LOCATION
 - A SHIM MUST BE PLACED 4" TO 6" FROM EACH CORNER
 - A SHIM MUST BE PLACED A MAX OF 15" APART
- △ 2. IF CHEMICALLY TREATED LUMBER IS USED FOR BUCK MATERIAL, FASTENERS INTO THE FRAME MUST BE A MINIMUM OF 0.90 OZ/FT^2 ZINC HOT DIPPED GALVANIZED STEEL TYPE 304 OR 316
- △ 3. MINIMUM FASTENER DISTANCE FROM EDGE .250"
- △ 4. MINIMUM FASTENER EMBEDMENT OF 1.509"
- △ 5. MINIMUM FASTENER DISTANCE FROM EDGE 1.614"
- △ 6. MINIMUM FASTENER EMBEDMENT OF 1.355"

7	00140853	CROSS RECESSED FLAT No. 7-19 X .500 AB 17
6	00140853	CROSS RECESSED PAN No. 8-18 X 3.000 AB
5	00143258	MULL GUSSET PLATE
4	NA	1.625" DRYWALL SCREW
3	NA	ASTM C290 GRADE NS CLASS 25 SEALANT
2	NA	SHIM
1	NA	FRAMING MATERIAL

ITEM	DWG NO	DESCRIPTION
PARTS LIST		

MARVIN  RESEARCH & DEVELOPMENT				
COLLECTION: VIVID				
DWG TYPE: ASSEMBLY				
DESCRIPTION: INSTALLATION METHODS, MULLING, STANDARD				
SHEET NAME: THROUGH JAMB INSTALLATION (2 OF 3)				
CHK: RJB	SIZE: B	CLASS: ASSY	DWG NO: 00143723	REV: 0
02/12/25				
APP: RWP	SCALE: 2 : 3	DATE: 12/30/2024	DWG BY: Chris Bohn	
02/13/25				



- STRUCTURAL BRACKET INSTALLATION**
- APPLY BRACKETS TO ALL FOUR SIDES
 - MIN OF 2 BRACKETS PER SIDE
 - ATTACH TO THE UNIT WITH 2 - #7 X .500" WOOD SCREWS
 - DRILL 2 - 5/32" HOLES FOR SCREWS, 2 SCREWS PER BRACKET INTO THE FRAMING, ANGLE SCREWS TO A MIN OF 15° TOWARDS THE THICKER PART OF THE FRAMING
 - ATTACH BRACKETS TO THE BUCK WITH 2 - 1.625" DRYWALL SCREWS
 - ALL STRUCTURAL BRACKETS ARE SUPPLIED WITH THE STRUCTURAL BRACKET INSTALLATION INSTRUCTIONS
 - APPLY A BEAD OF ASTM C920 GRADE NS, CLASS 25 SEALANT TO SILL/FRAMING

- NOTES:**
- △ 1. INSTALLATION METHODS:
 - a. ROUGH OPENING
 - MAX OF .250" GAP AT POINTS OF ATTACHMENT
 - b. SEALANT
 - USE SILICONE OR EQUIVALENT
 - SEAL AROUND FRAME TO WALL WITH BACKER ROD AND SEALANT
 - c. SHIMS
 - SHIMS MUST BE PLACED AT EACH LOCK AND SNUBBER LOCATION
 - A SHIM MUST BE PLACED 4" TO 6" FROM EACH CORNER
 - A SHIM MUST BE PLACED A MAX OF 15" APART
 - △ 2. IF CHEMICALLY TREATED LUMBER IS USED FOR BUCK MATERIAL, FASTENERS INTO THE FRAME MUST BE A MINIMUM OF 0.90 OZ/FT^2 ZINC HOT DIPPED GALVANIZED STEEL TYPE 304 OR 316
 - △ 3. MINIMUM FASTENER DISTANCE FROM EDGE .250"
 - △ 4. MINIMUM FASTENER EMBEDMENT OF 1.509"

7	00140853	CROSS RECESSED FLAT No. 7-19 X .500 AB 17
6	00141437	STRUCTURAL BRACKET
5	00143258	MULL GUSSET PLATE
4	NA	1.625" DRYWALL SCREW
3	NA	ASTM C290 GRADE NS CLASS 25 SEALANT
2	NA	SHIM
1	NA	FRAMING MATERIAL
ITEM	DWG NO	DESCRIPTION
PARTS LIST		

MARVIN
RESEARCH & DEVELOPMENT

COLLECTION: VIVID

DWG TYPE: ASSEMBLY
 DESCRIPTION: INSTALLATION METHODS, MULLING, STANDARD

SHEET NAME: MASONRY INSTALLATION (3 OF 3)

CHK: RJB 02/12/25	SIZE: B	CLASS: ASSY	DWG NO: 00143723	REV: 0
APP: RWP 02/13/25	SCALE: 2 : 3	DATE: 12/30/2024	DWG BY: Chris Bohn	