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EUROLITE DOORS

ET68 FIXED WINDOWS (IMPACT)

EuroLite
Steel Doors & Windows

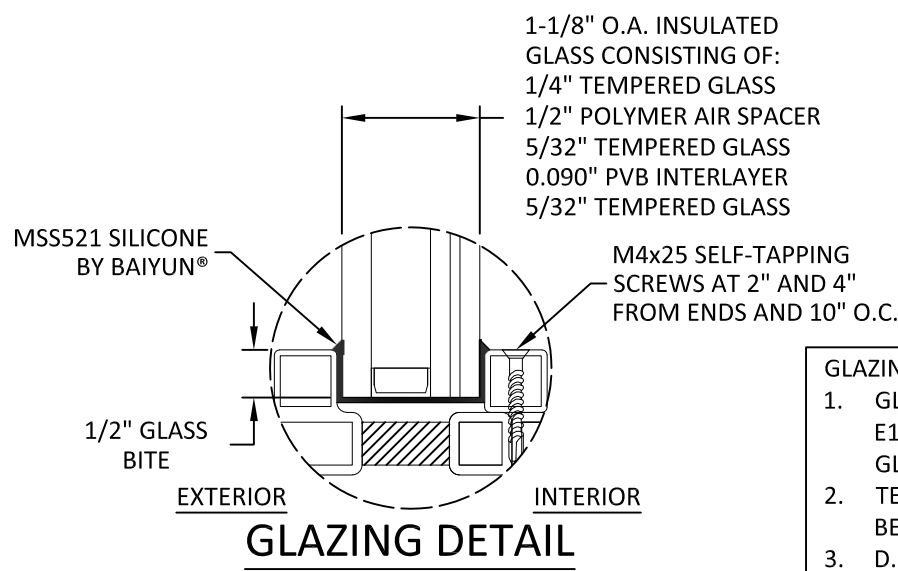
30 N GOULD ST, STE R
SHERIDAN, WY 82801
PH: (888) 300-9631

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC) AND INTERNATIONAL RESIDENTIAL CODE (IRC). ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - ASTM E283-04(12)
 - ASTM E330-14
 - ASTM E331-00(09)
 - ASTM E1886-13a
 - ASTM E1996-14a
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X 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.
3. 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.
4. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 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.
5. 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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. FRAME MATERIAL: STEEL
8. GLASS MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAILS
2	ELEVATION AND ANCHOR LAYOUT
3	VERTICAL SECTIONS
4	HORIZONTAL SECTIONS
5	ANCHOR DETAILS AND INSTALLATION NOTES

DESIGN PRESSURE RATING		
FRAME SIZE	DESIGN PRESSURE	MISSILE RATING
66" X 120"	+35/-46 PSF	LARGE & SMALL MISSILE IMPACT



- GLAZING NOTES:**
1. GLASS TYPE & THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE 2018 IBC.
 2. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 3. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN ELEVATION AND DESIGN PRESSURE TABLES.

TITLE: ET68 FIXED WINDOWS (IMPACT)
GENERAL NOTES & GLAZING DETAILS

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REMARKS	BY	DATE

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TBPE FIRM No. 13734

DATE: **03.28.22**

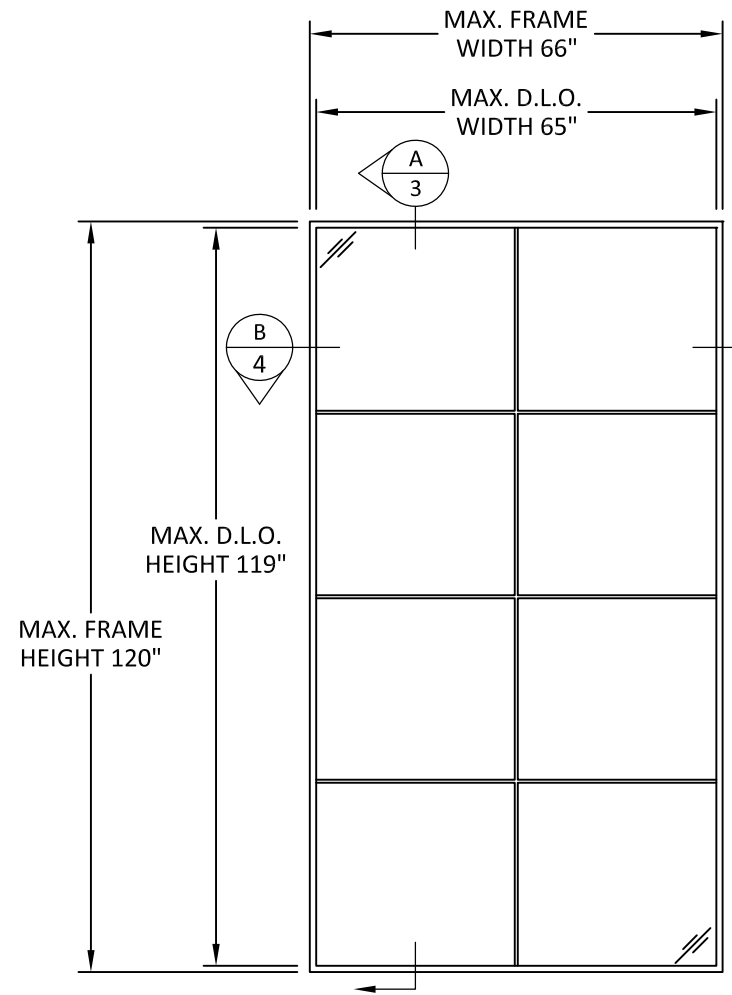
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SCALE: **NTS**

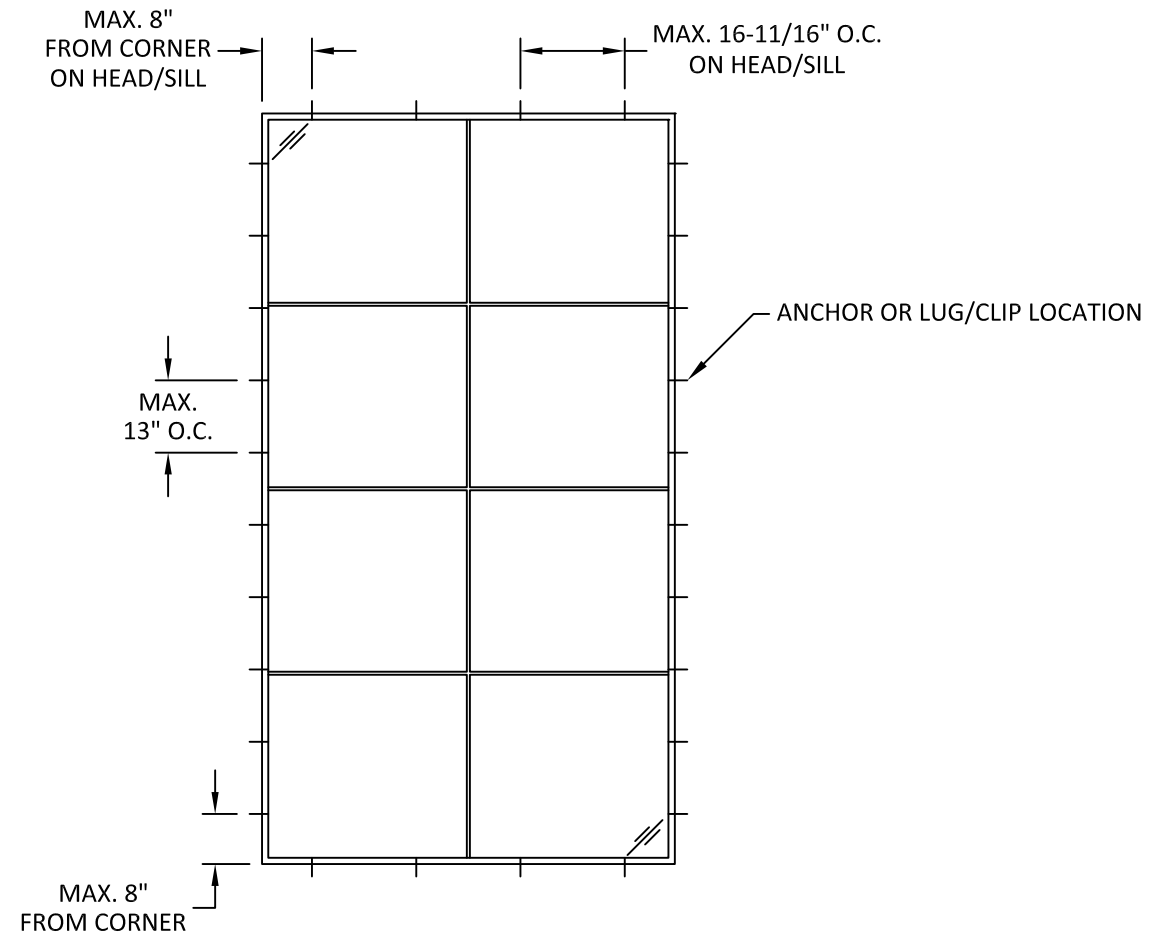
DWG. #: **ELD002**

SHEET: **1**

OF 5



ELEVATION



ANCHOR LAYOUT

TITLE: ET68 FIXED WINDOWS (IMPACT)
ELEVATION & ANCHOR LAYOUT

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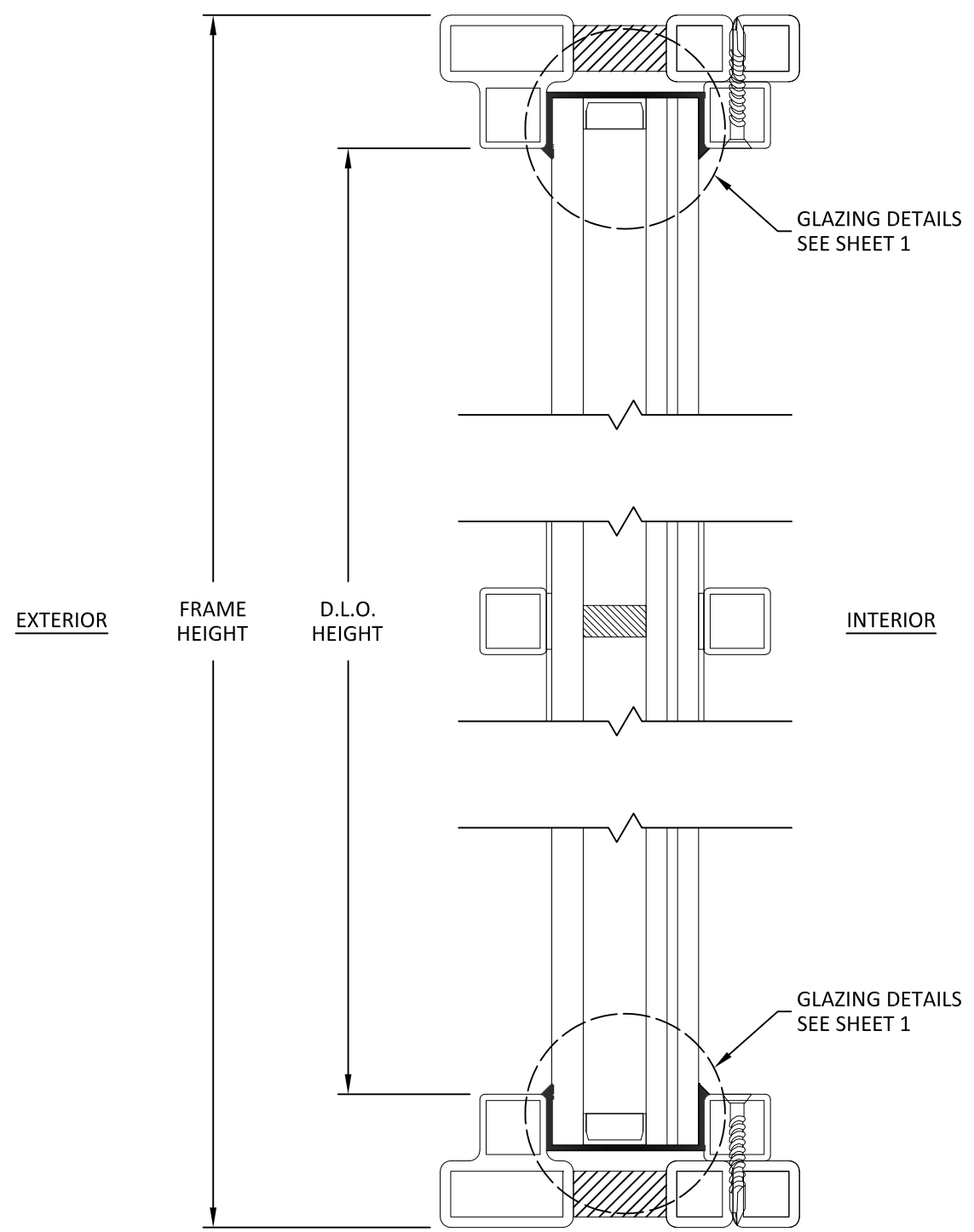
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SHEET:
2
OF 5



A
3 VERTICAL SECTION
FIXED WINDOW

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TITLE: ET68 FIXED WINDOWS (IMPACT)
VERTICAL SECTIONS

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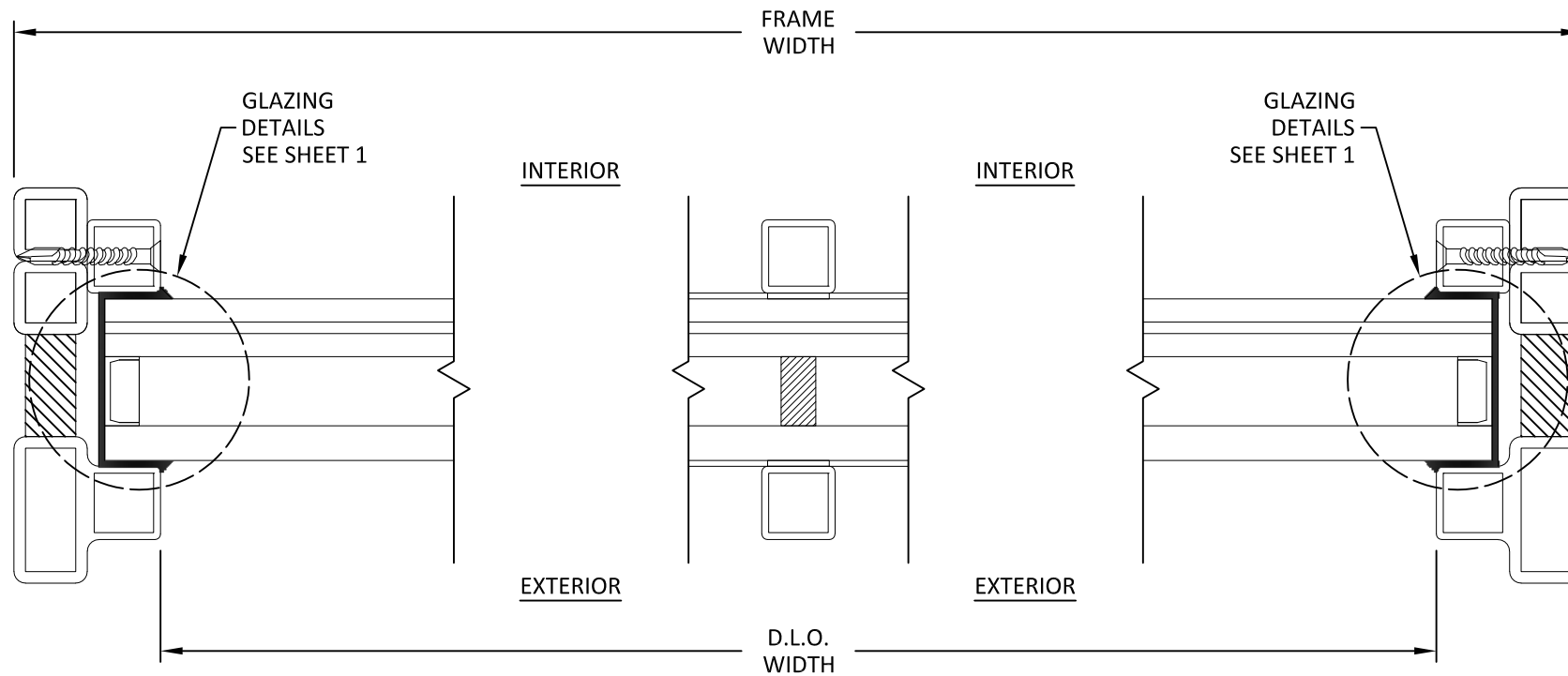
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SCALE: NTS

DWG. #: ELD002

SHEET: 3 OF 5



B
4 HORIZONTAL SECTION
FIXED WINDOW

TITLE: ET68 FIXED WINDOWS (IMPACT)
HORIZONTAL SECTIONS

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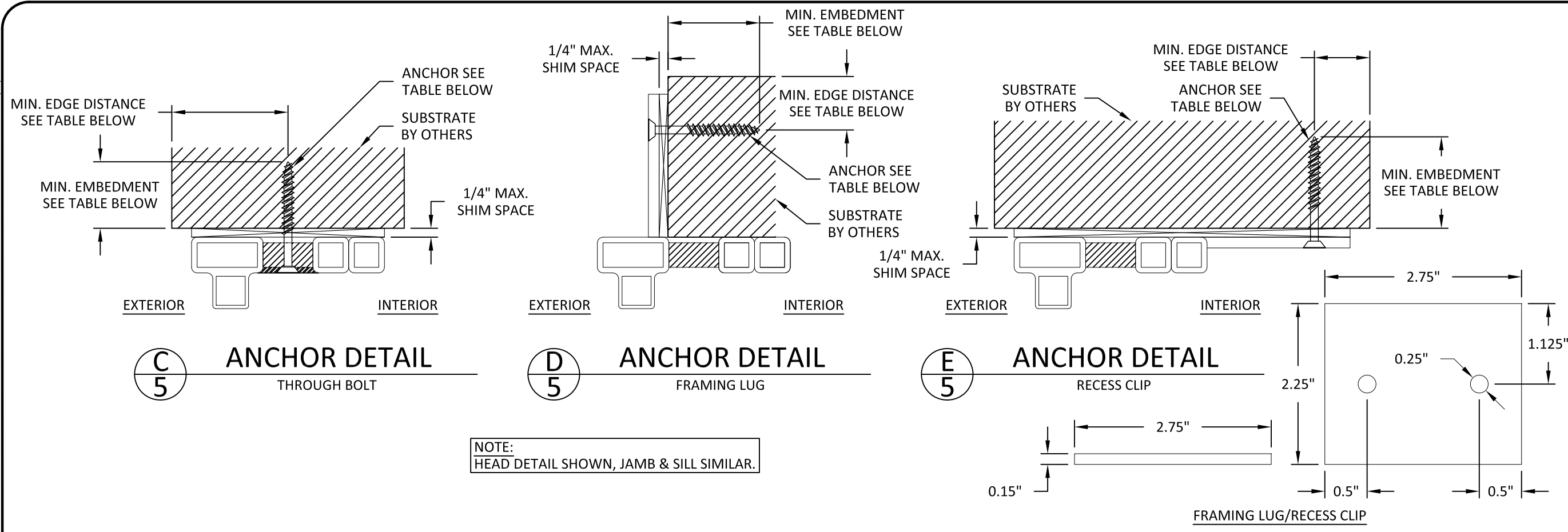
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SHEET: **4** OF 5

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NOTE:
HEAD DETAIL SHOWN, JAMB & SILL SIMILAR.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION / FRAMING LUG / RECESS CLIP.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (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 MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- 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.
- 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.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH BOLT	WOOD: MIN. S.G. = 0.42	#14 WOOD SCREW	1.5"	1"
	METAL: STEEL MIN. 18 GAUGE (MIN. Fy = 36 ksi) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	1/4" SMS OR SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.75"
	CONCRETE: MIN. f'c = 3000 psi	1/4" ITW TAPCON	1"	2"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1"	2"
FRAMING LUGS	WOOD: MIN. S.G. = 0.42	#10 WOOD SCREW	1.5"	1"
	METAL: STEEL MIN. 18 GAUGE (MIN. Fy = 36 ksi) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	#10 SMS OR SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.75"
RECESS CLIP	WOOD: MIN. S.G. = 0.42	#10 WOOD SCREW	1.5"	1"
	METAL: STEEL MIN. 18 GAUGE (MIN. Fy = 36 ksi) ALUM. MIN. 1/8" THK. (MIN. 6063-T5)	#10 SMS OR SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.75"
	CONCRETE: MIN. f'c = 3000 psi	3/16" ITW TAPCON	1"	2.25"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1"	2"

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INSTALLATION DETAILS AND NOTES

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SHEET: **5**

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