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REV	DESCRIPTION	DATE	APPROVED

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2006 IBC & 2006 IRC WITH STATE OF TEXAS MODIFICATIONS.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL: ALUMINUM 6063-T6
6. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 3 FOR GLASS DETAILS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE 1/4" LAG SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING INTO METAL STRUCTURE USE 1/4" SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
12. ALL FASTENERS TO BE CORROSION RESISTANT.
13. 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 BELOW:
 - A. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. METAL STRUCTURE: STEEL 12GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

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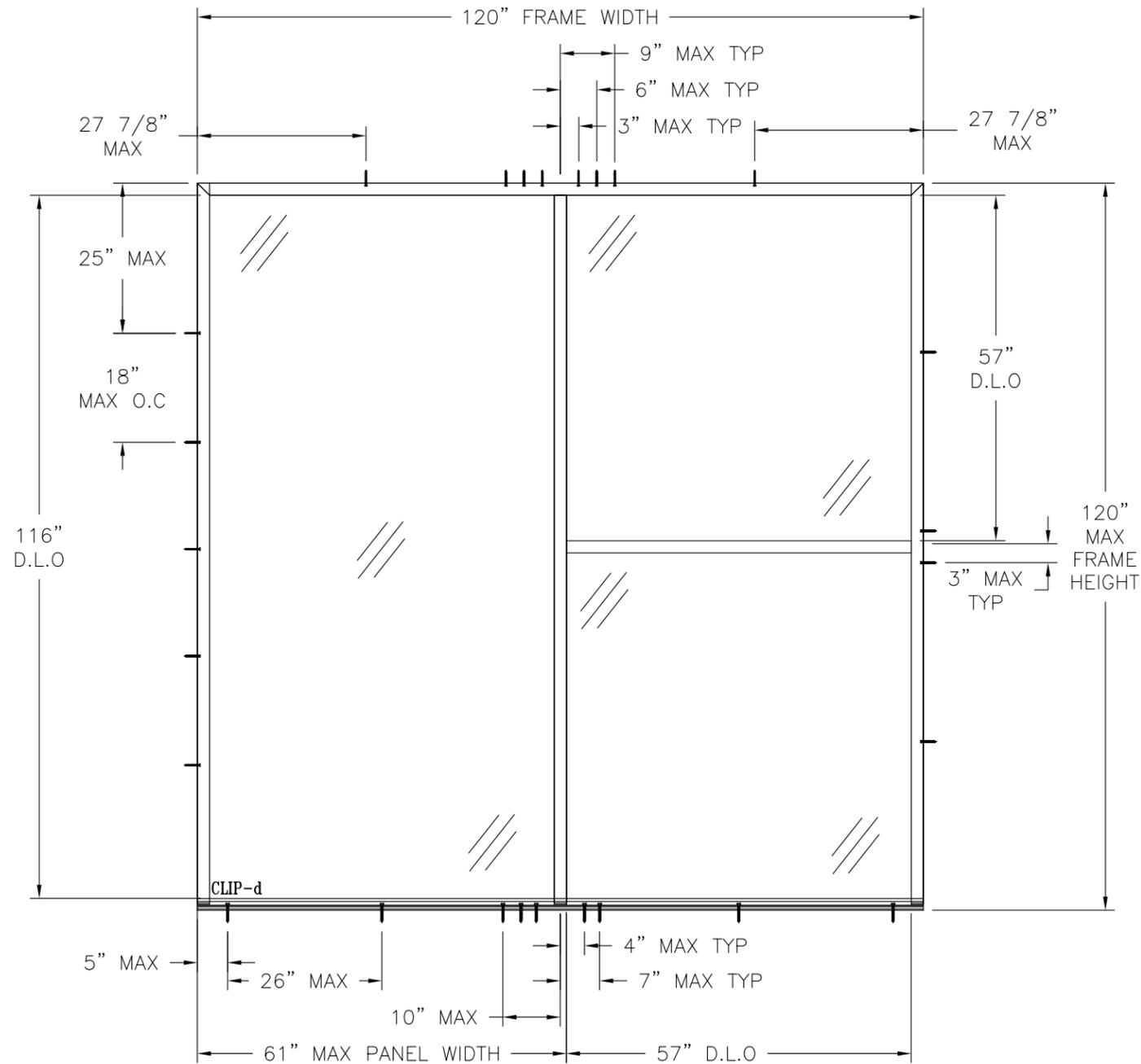
SOLAR INNOVATIONS, INC. 31 ROBERTS RD PINE GROVE, PA 17963		
SI5200 ALUMINUM FIXED CURTAIN WALL 60" X 120" PANEL NOTES		
DRAWN: N.G.	DWG NO. 08-02660	REV -
SCALE NTS	DATE 03/24/15	SHEET 1 OF 8

SIGNED: 03/24/2015



Luis R. Lomas P.E.
Texas No. 101889

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SI5200 ALUMINUM FIXED CURTAIN WALL
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±65.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

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31 ROBERTS RD
PINE GROVE, PA 17963

SI5200 ALUMINUM FIXED CURTAIN WALL
60" X 120" PANEL
ELEVATION

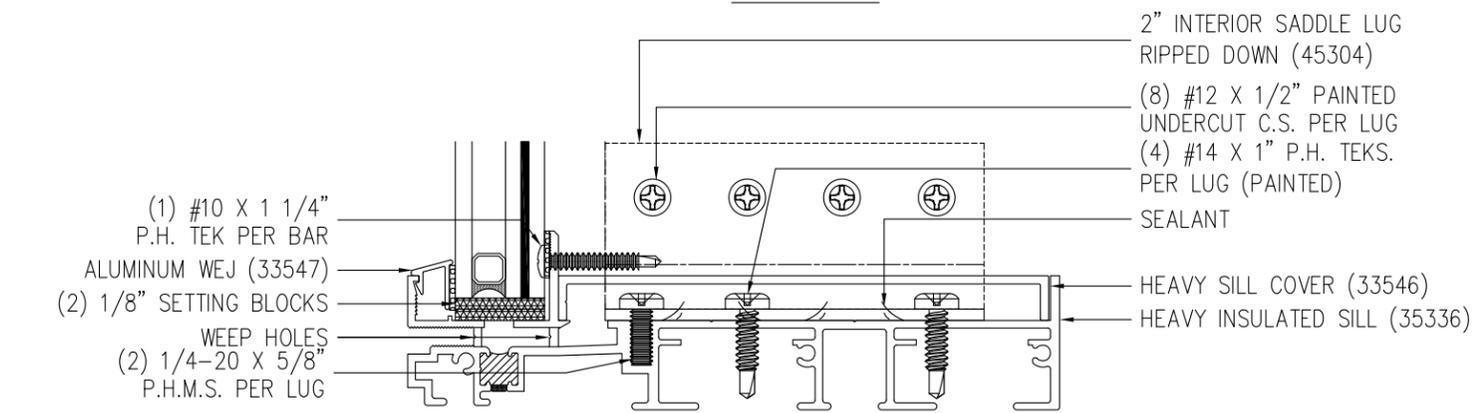
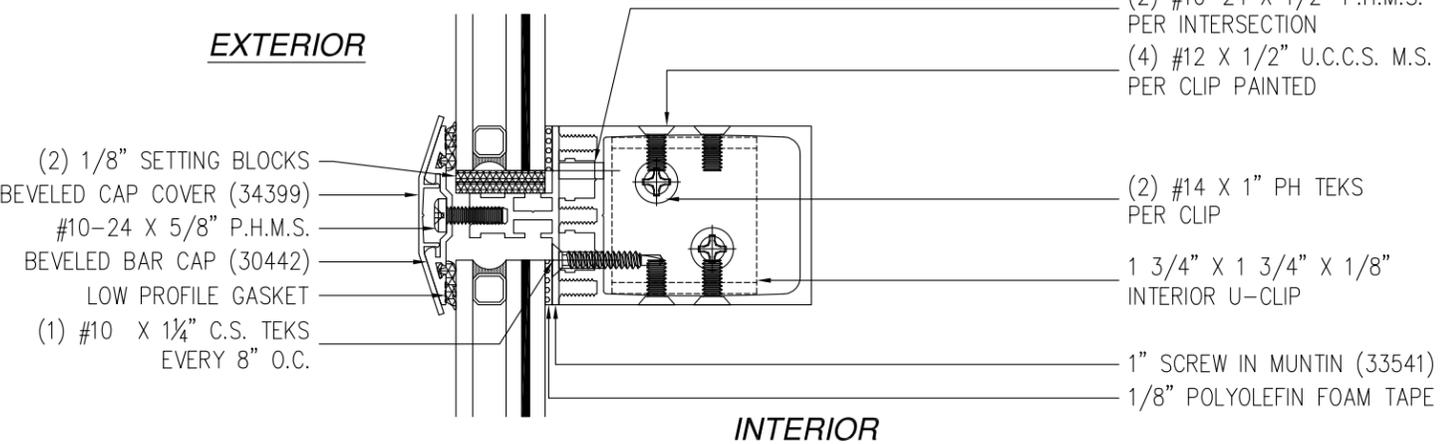
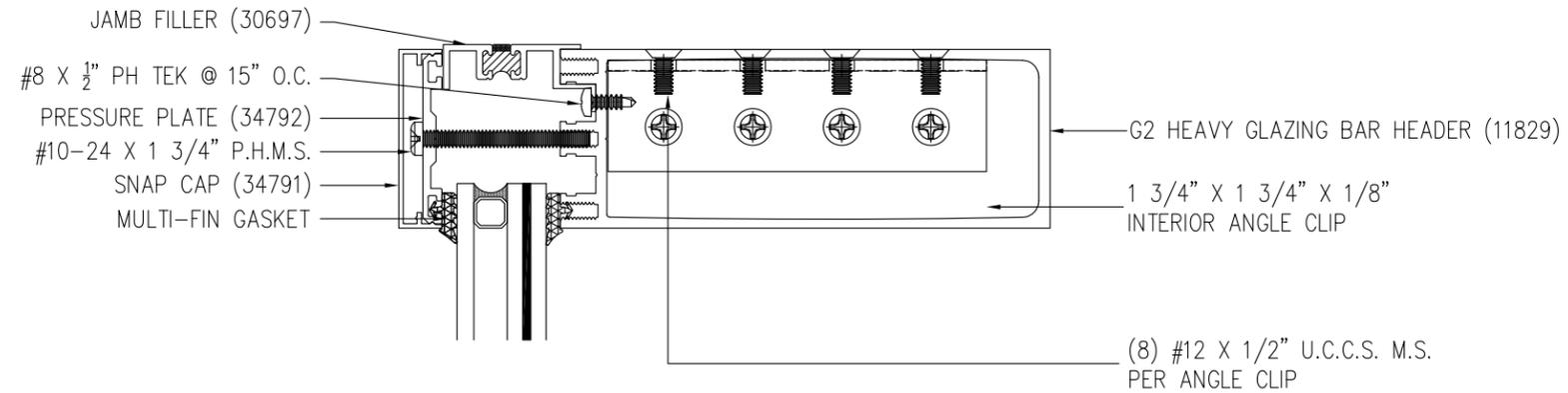
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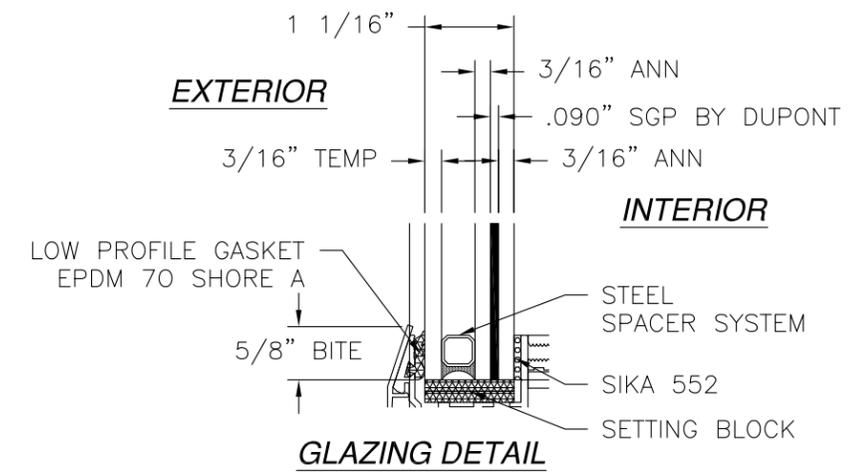


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VERTICAL CROSS SECTION



GLAZING DETAIL

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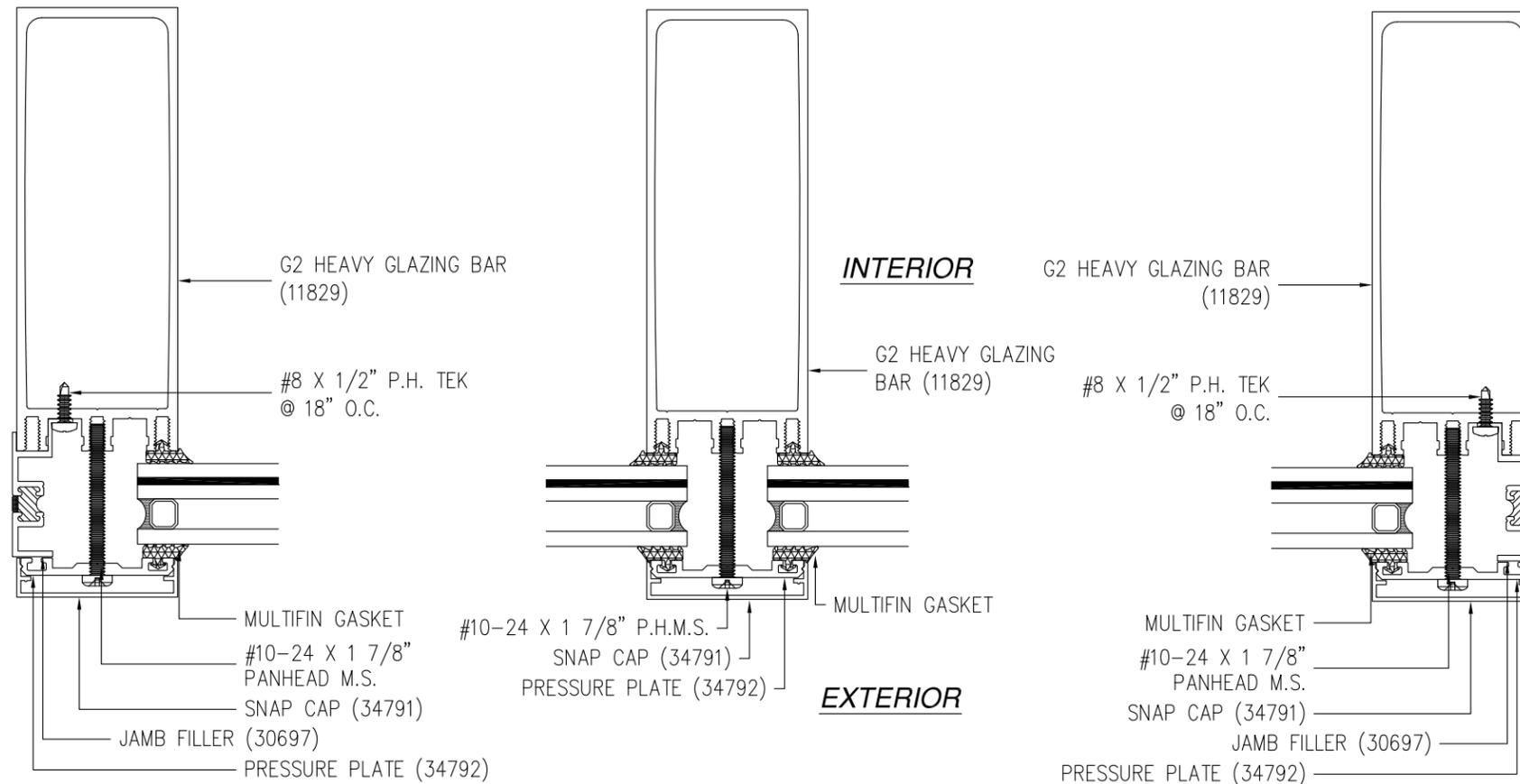
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31 ROBERTS RD PINE GROVE, PA 17963		
SI5200 ALUMINUM FIXED CURTAIN WALL 60" X 120" PANEL VERTICAL CROSS SECTION		
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HORIZONTAL CROSS SECTION

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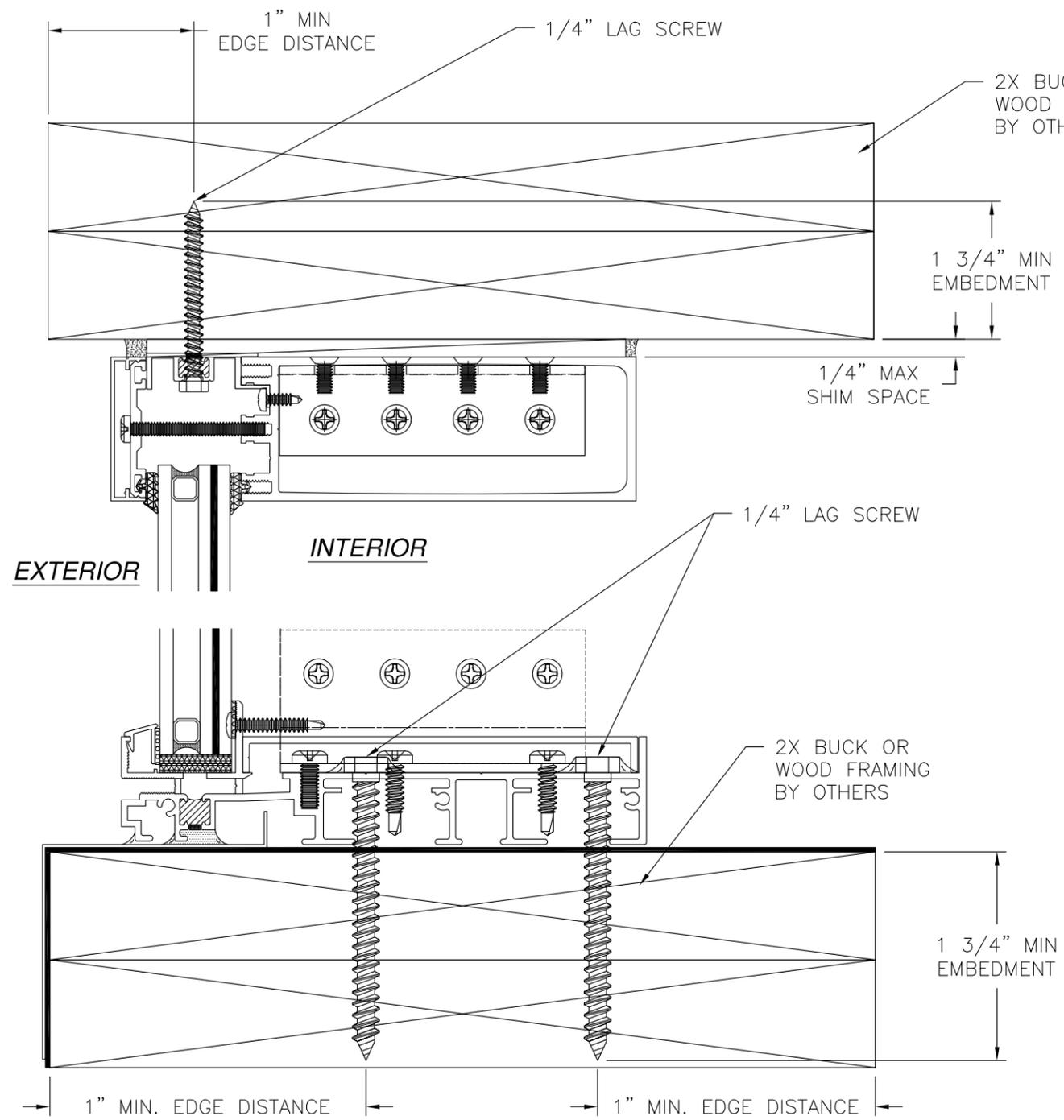
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SI5200 ALUMINUM FIXED CURTAIN WALL 60" X 120" PANEL HORIZONTAL CROSS SECTIONS		
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SCALE NTS	DATE 03/24/15	SHEET 4 OF 8

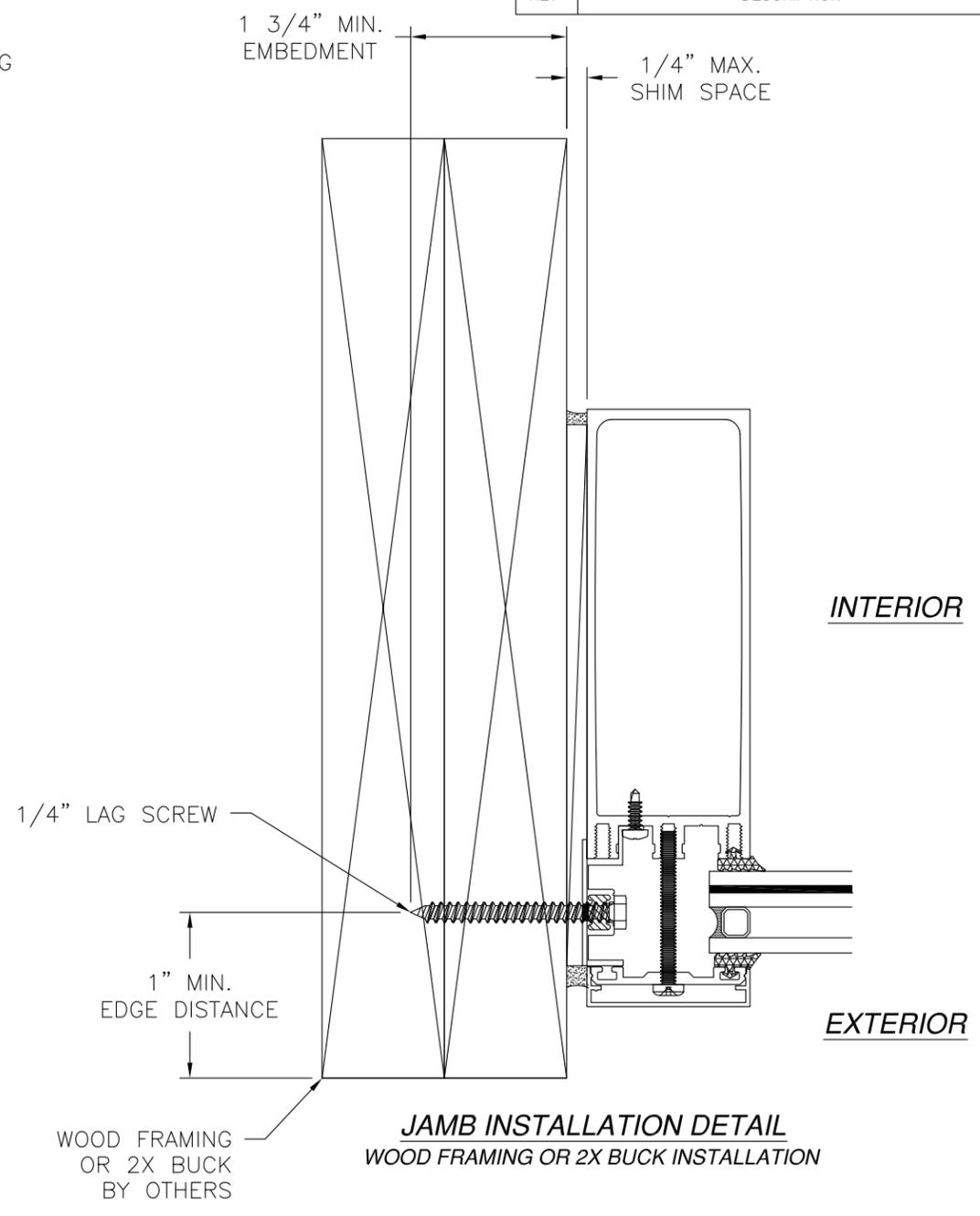


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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PINE GROVE, PA 17963

SI5200 ALUMINUM FIXED CURTAIN WALL
60" X 120" PANEL
INSTALLATION DETAILS

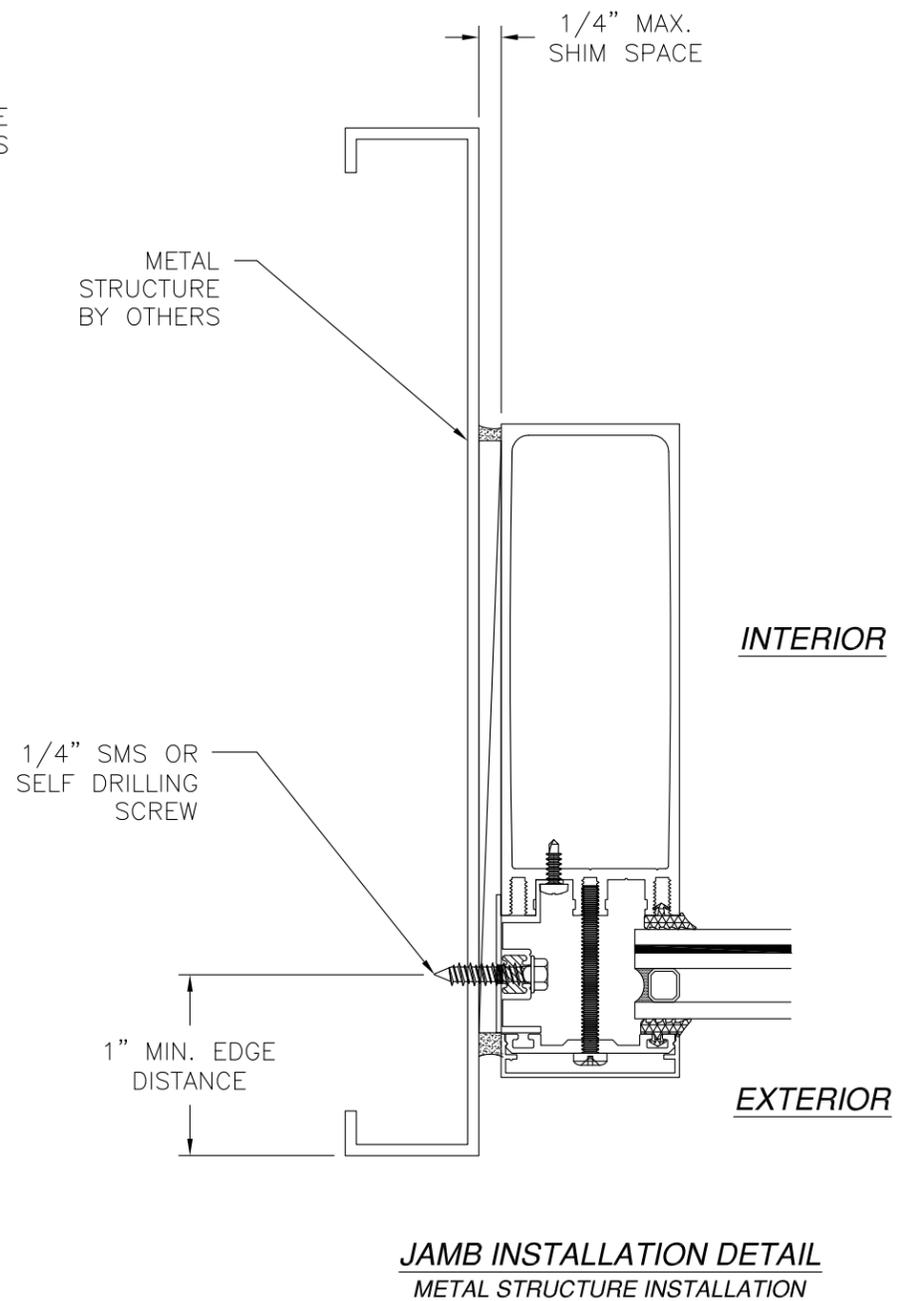
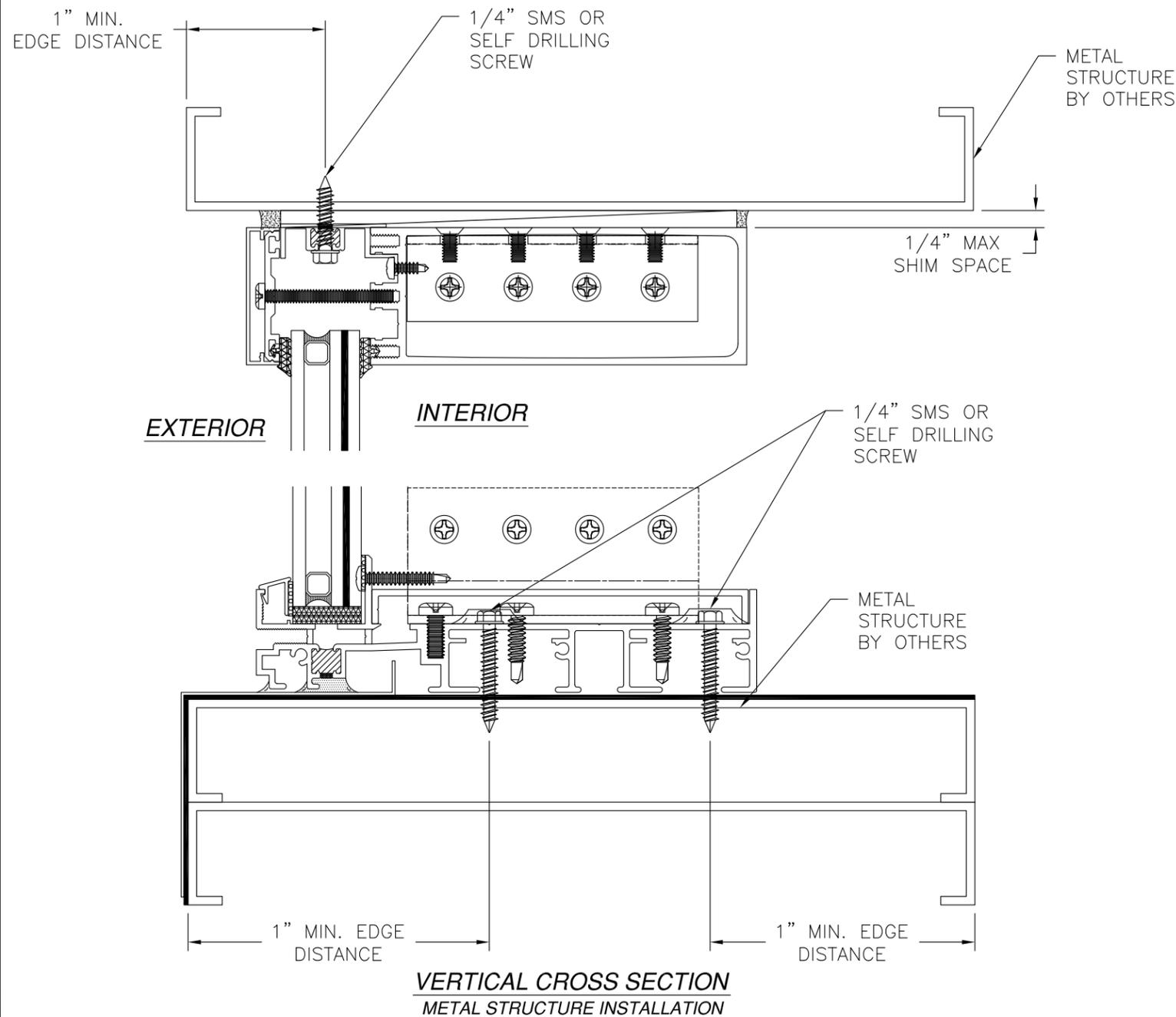
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SOLAR INNOVATIONS, INC.
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 PINE GROVE, PA 17963
 SI5200 ALUMINUM FIXED CURTAIN WALL
 60" X 120" PANEL
 INSTALLATION DETAILS

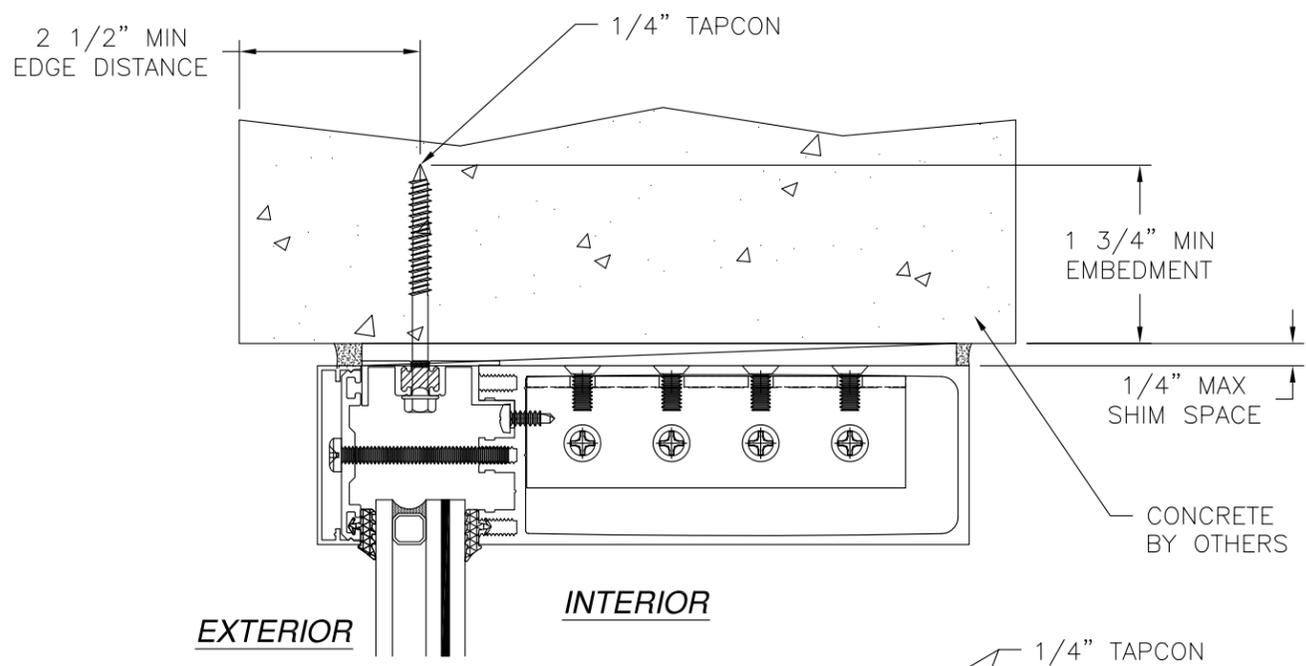
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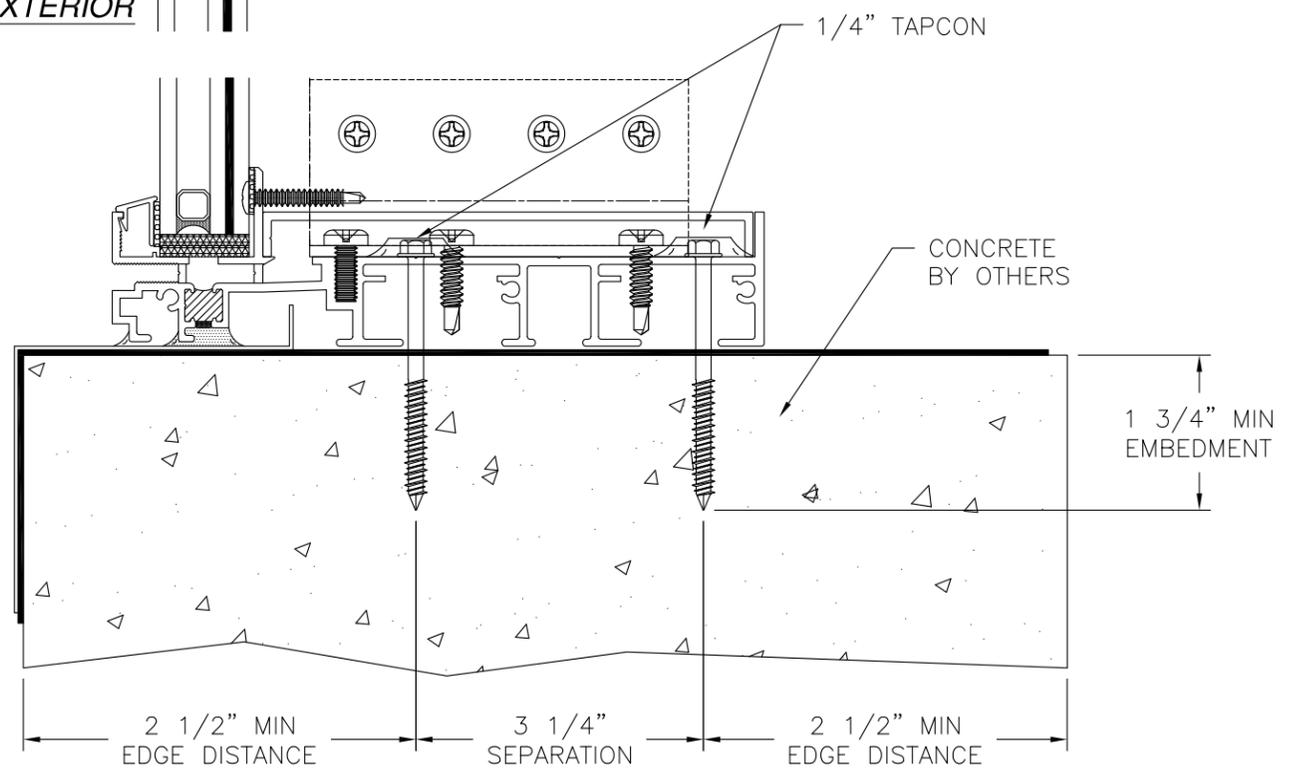


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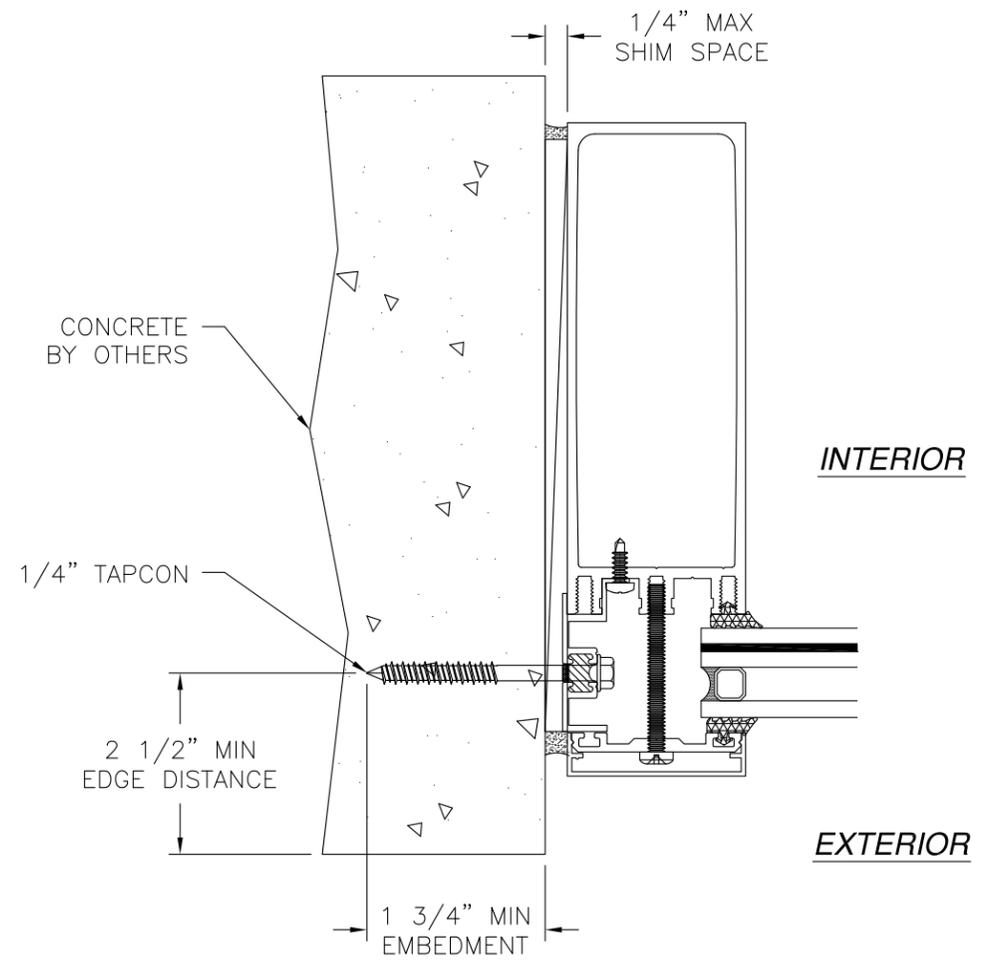
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EXTERIOR **INTERIOR**



**VERTICAL CROSS SECTION
CONCRETE INSTALLATION**



**JAMB INSTALLATION DETAIL
CONCRETE INSTALLATION**

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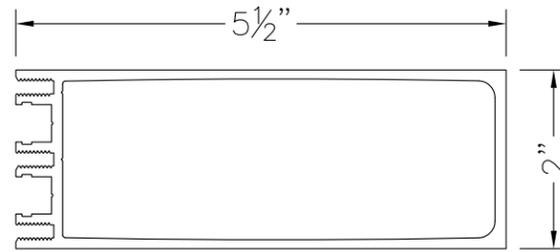
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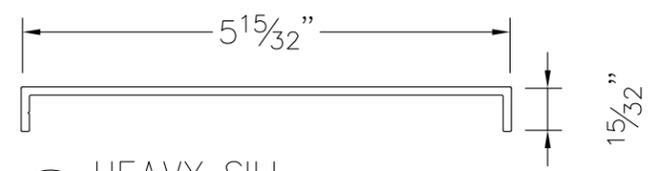
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SI5200 ALUMINUM FIXED CURTAIN WALL 60" X 120" PANEL INSTALLATION DETAILS		
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SCALE NTS	DATE 03/24/15	SHEET 7 OF 8



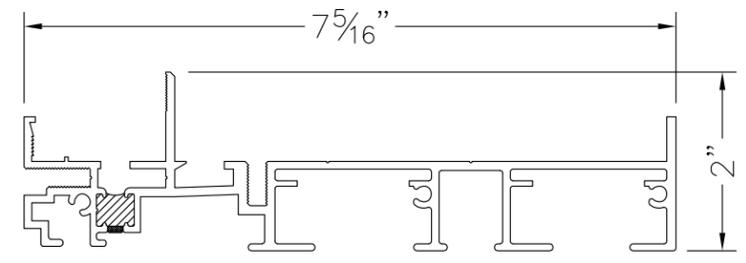
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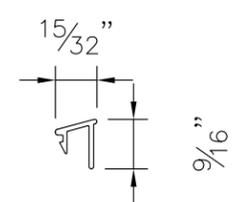
1 G2 HEAVY
GLAZING BAR



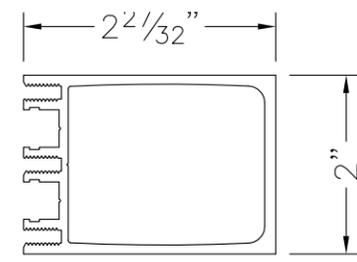
2 HEAVY SILL
FILLER



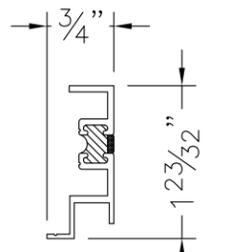
3 HEAVY SILL



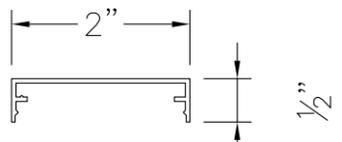
4 WEDGE



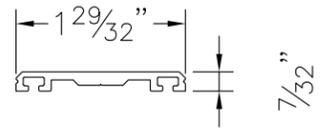
5 G2 REGULAR
GLAZING BAR



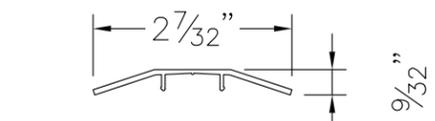
6 JAMB FILLER



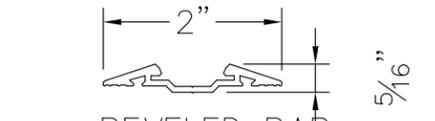
7 SNAP COVER



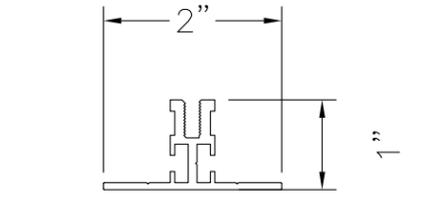
8 PRESSURE PLATE



9 BEVELED CAP
COVER



10 BEVELED BAR
CAP



11 1" MUNTIN

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SI5200 ALUMINUM FIXED CURTAIN WALL
60" X 120" PANEL
COMPONENTS

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