



1 COCHRANE AVE. PENNSBORO, WV 26415 PH.  
800-426-2249

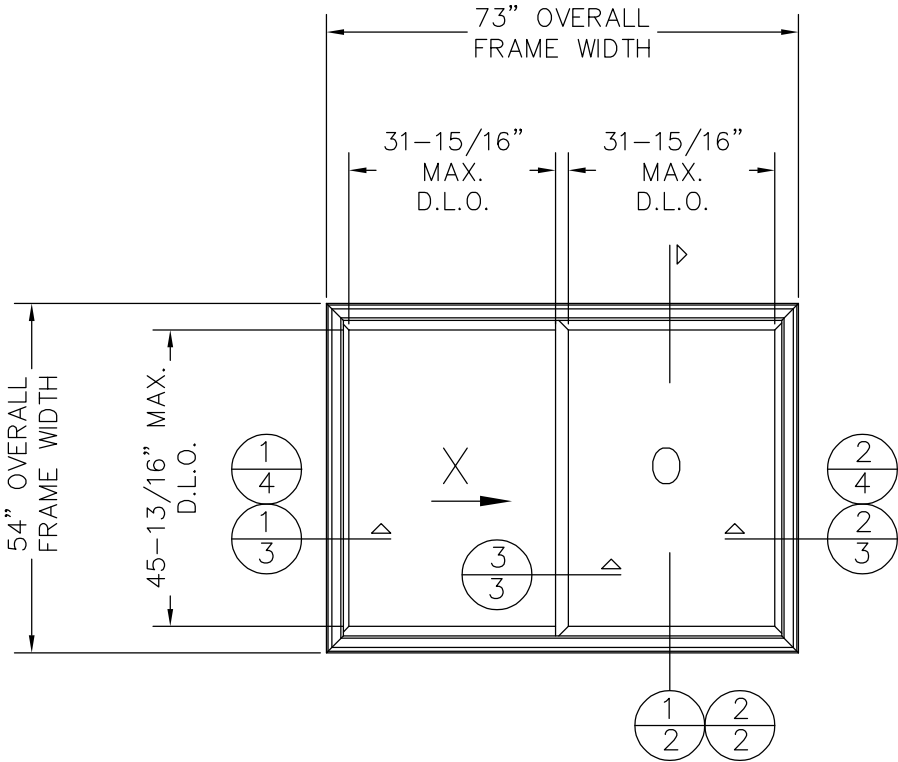
STORMBREAKER PLUS 300VL  
IMPACT RESISTANT VINYL  
HORIZONTAL ROLLER WINDOW

MODELS ARE VIEWED FROM THE EXTERIOR

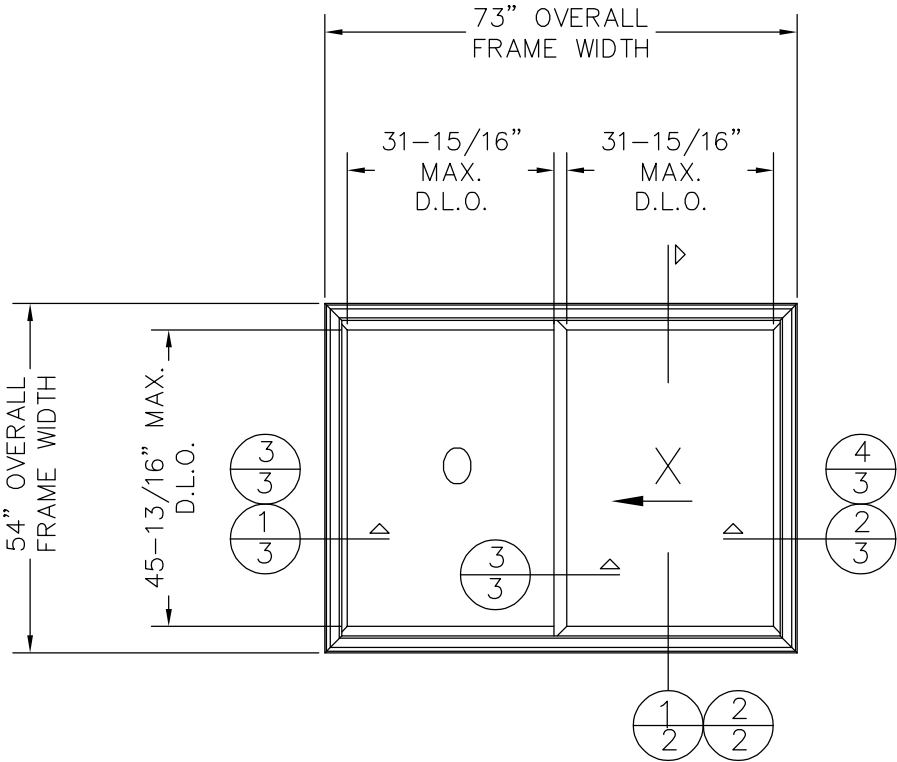
| REV. #: | REVISIONS:                           | REVISED BY: | DATE:    |
|---------|--------------------------------------|-------------|----------|
| 2       | UPDATED GLAZING DETAILS WITH SPACER. | LMH         | 03/20/17 |
| 3       | UPDATED FOR 6TH ED. (2017) FBC       | LAT         | 09/05/17 |
| 4       | UPDATED FOR 7TH ED. (2020) FBC       | LMH         | 11/04/20 |
| 5       | UPDATED FOR 8TH ED. (2023) FBC       | LMH         | 12/04/23 |
| 6       | UPDATED TO CURRENT FBC               | LMH         | 09/10/26 |

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODES, INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
2. BASED ON LABORATORY TESTING, THIS PRODUCT IS COMPLIANT WITH TAS 201/202/203 FOR LARGE MISSILE IMPACT PERFORMANCE. SHUTTERS ARE NOT REQUIRED.
3. GLAZING AS INDICATED HEREIN COMPLIES WITH ASTM E 1300.
4. HIGH QUALITY SILICONE CAULK SHALL BE USED AROUND ENTIRE WINDOW PERIMETER, INSIDE AND OUT, BY INSTALLER.
5. WOOD BUCKS (BY OTHERS) MUST SUSTAIN ALL IMPOSED LOADS. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WINDOW OPENING AND ALL WOOD FRAMING AROUND WINDOW. WOOD BUCKS, BY OTHERS, MUST BE PROPERLY ANCHORED TO TRANSFER LOADS TO THE STRUCTURE AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
6. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF INSTALLED PRODUCT ARE THE RESPONSIBILITY OF OTHERS.
7. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS. ANY DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT GALVANIC REACTIONS IN ACCORDANCE WITH CODE REQUIREMENTS.
8. A WINDLOAD DURATION FACTOR Cd = 1.6 WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.



| DESIGN PRESSURE RATING | IMPACT RATING |
|------------------------|---------------|
| +50.0 PSF -50.0 PSF    | LARGE MISSILE |

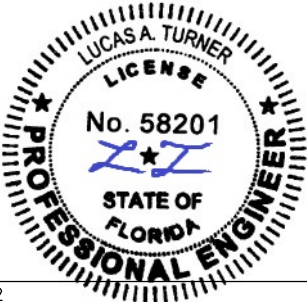


| DESIGN PRESSURE RATING | IMPACT RATING |
|------------------------|---------------|
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| 2                 | VERTICAL CROSS SECTIONS (1X & 2X BUCKS)             |
| 3                 | HORIZONTAL CROSS SECTIONS (2X BUCK) & MEETING RAILS |
| 4                 | HORIZONTAL CROSS SECTIONS (1X BUCK)                 |
| 5                 | ANCHORING LOCATIONS & GLAZING DETAILS               |
| 6                 | COMPONENTS & BILL OF MATERIALS                      |

FL 16389

Lucas Turner  
2026.09.25  
13:46:36  
-05'00'



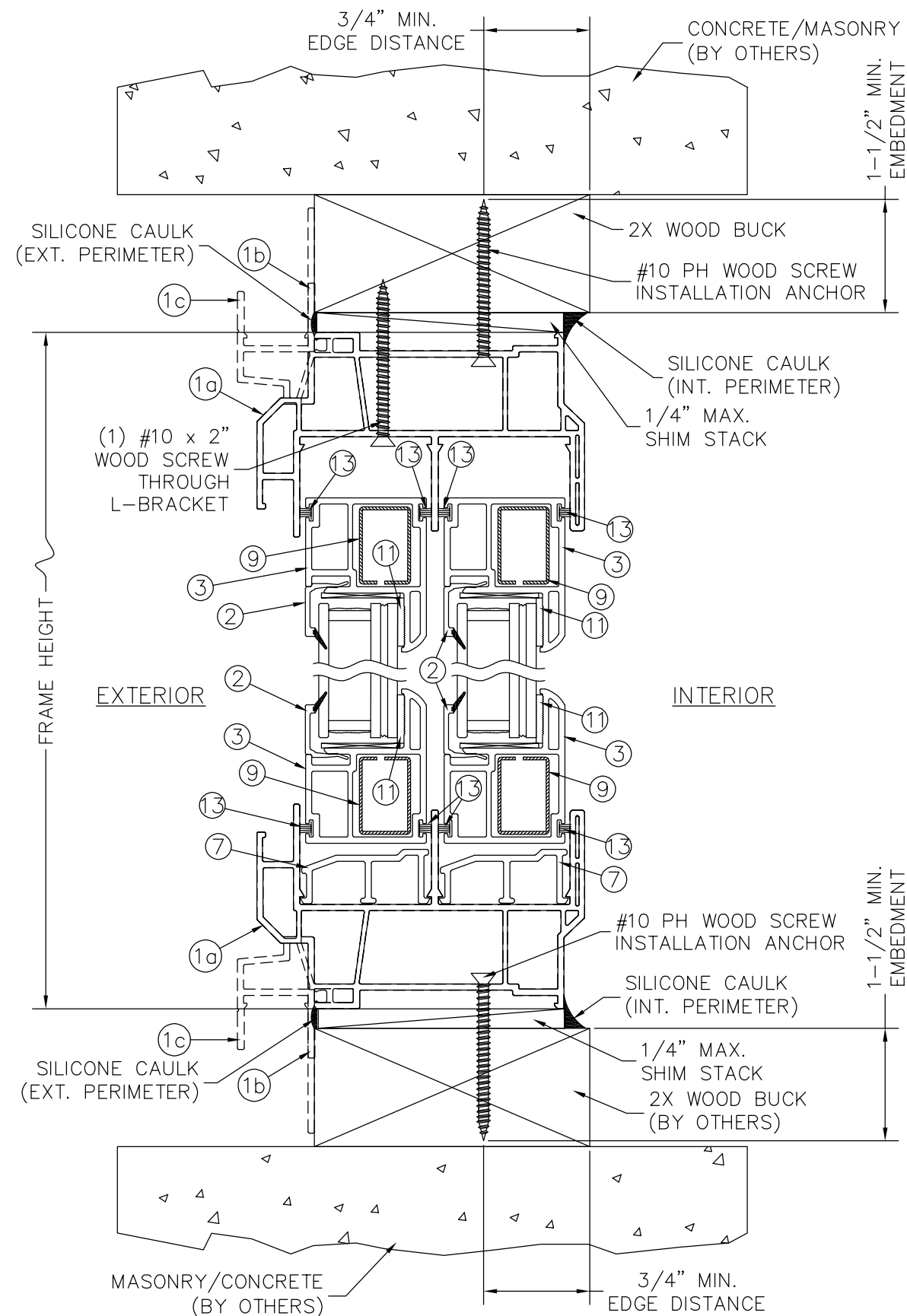
09/10/2026  
LUCAS A. TURNER, P.E.  
FL PE # 58201  
TURNER ENGINEERING &  
CONSULTING, INC.  
(COA # 29779)  
2428 OLD NATCHEZ TRACE  
TRAIL, CAMDEN, TN 38320  
PH. 941-380-1574

|                                                   |  |                  |                     |         |
|---------------------------------------------------|--|------------------|---------------------|---------|
|                                                   |  | SIZE: B          | DRAWING NO.: DAO012 | REV.: 6 |
| 1 Cochrane Avenue<br>Pennsboro, WV 26415          |  | DRAWN BY: T.D.D. | DATE: 05/13/13      |         |
| SCALE: FIT                                        |  | CHECKED BY:      | DATE:               |         |
| SHEET: 1 of 6                                     |  | APPR'V'D BY:     | DATE:               |         |
| SERIES: STORMBREAKER PLUS 300VL HORIZONTAL ROLLER |  |                  |                     |         |
| TITLE: GENERAL NOTES & TYPICAL ELEVATIONS         |  |                  |                     |         |

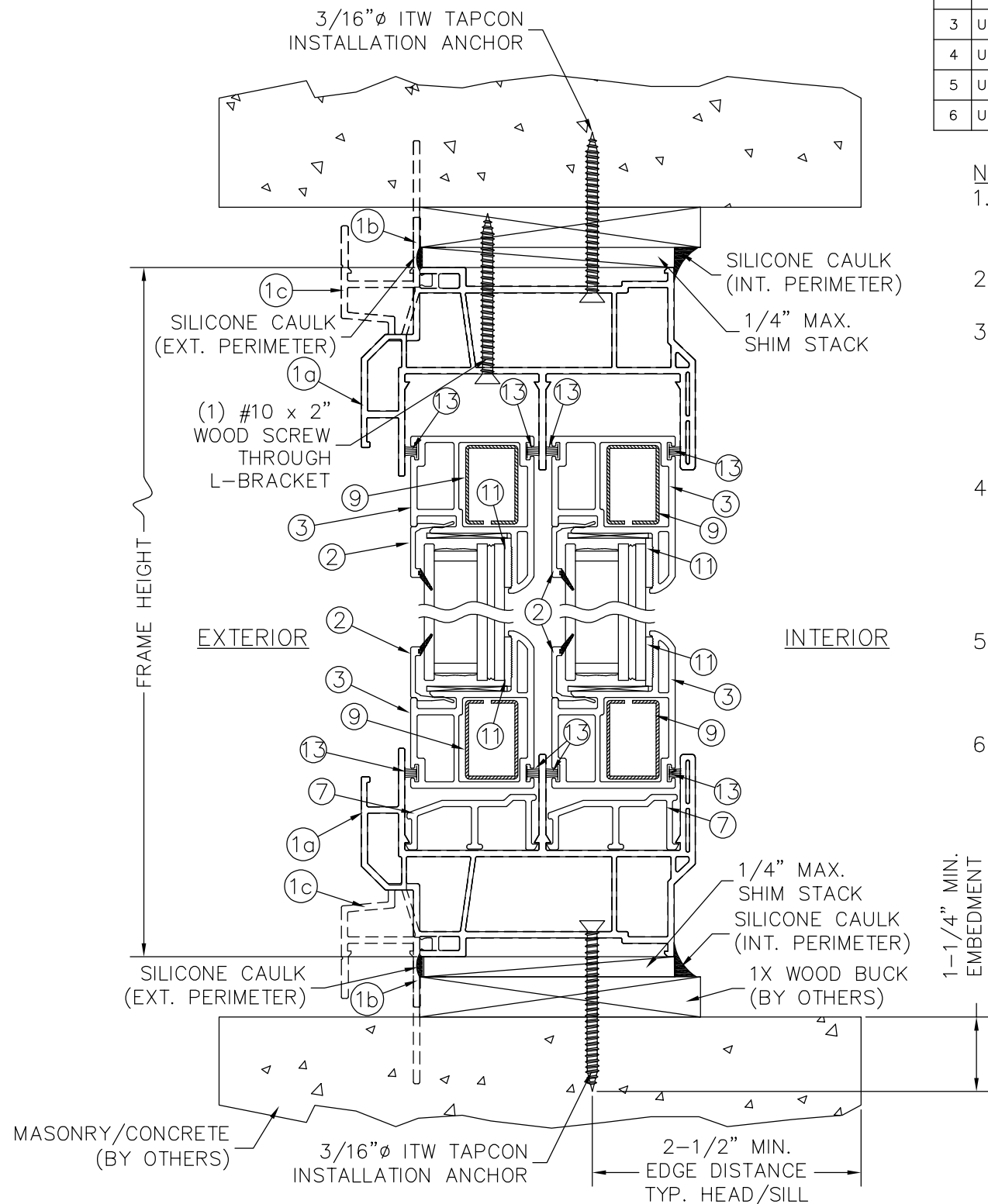
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## NOTES:

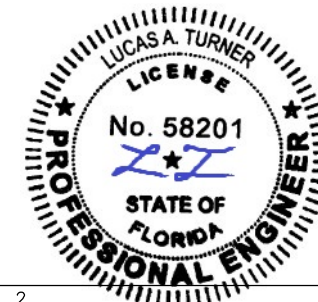
- REPLACE ONE L-BRACKET SCREW WITH A #10 X 2" INSTALLATION SCREW. (APPROX. 1-3/4" FROM CENTERLINE)
- APPLY CAULK AROUND SCREWS AT THE SILL.
- SHIMS SHALL BE A "RIGID/STIFF" MATERIAL, PLASTIC OR METAL. SHIMS MUST BE USED WHEN GAP OF GREATER THAN 1/16" BETWEEN FRAME AND OPENING IS PRESENT AT THE ANCHOR LOCATION. MAX. SHIM STACK = 1/4".
- ONLY MIAMI-DADE COUNTY APPROVED CORROSION RESISTANT FASTENERS AND ITW TAPCON FASTENERS SHALL BE USED. WINDOW INSTALLERS SHALL FOLLOW ALL MANUFACTURER'S INSTRUCTIONS.
- WOOD SHALL BE SPRUCE-PINE-FIR MIN. WITH G=0.42 MIN. MASONRY SHALL BE 2 KSI MIN. CONCRETE OR ASTM C90 CMU (117 PCF MIN.)
- IF PRODUCT IS INSTALLED WITHIN 3000 FEET OF A SALTWATER COASTLINE, THE ANCHORAGE MUST BE REVIEWED FOR COMPLIANCE WITH FBC SECTION 1711, SEE EVALUATION REPORT FOR THIS APPROVAL FOR DETAILS.



- 1 VERTICAL CROSS SECTION (2X BUCK)  
2 HEAD WITH STEEL REINFORCEMENT



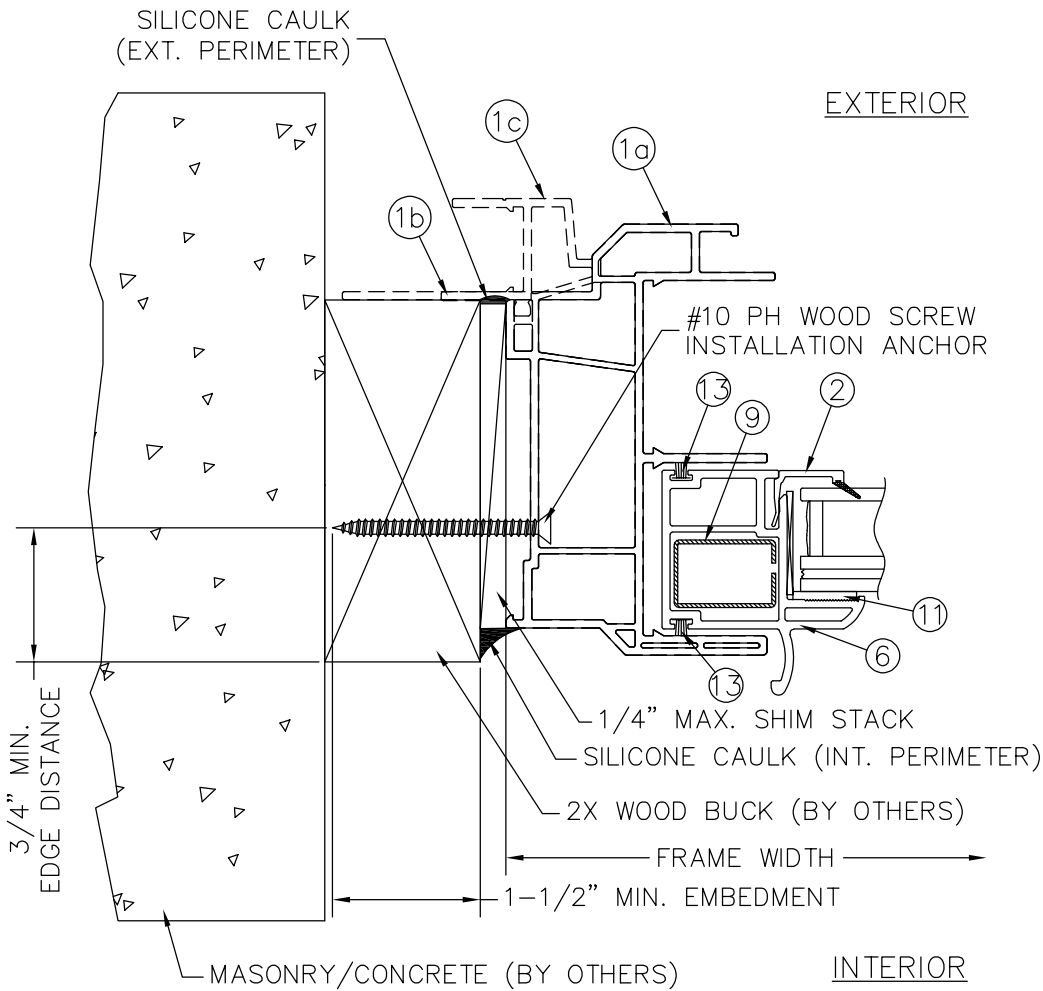
- 2 VERTICAL CROSS SECTION (1X BUCK)  
2 HEAD WITH STEEL REINFORCEMENT



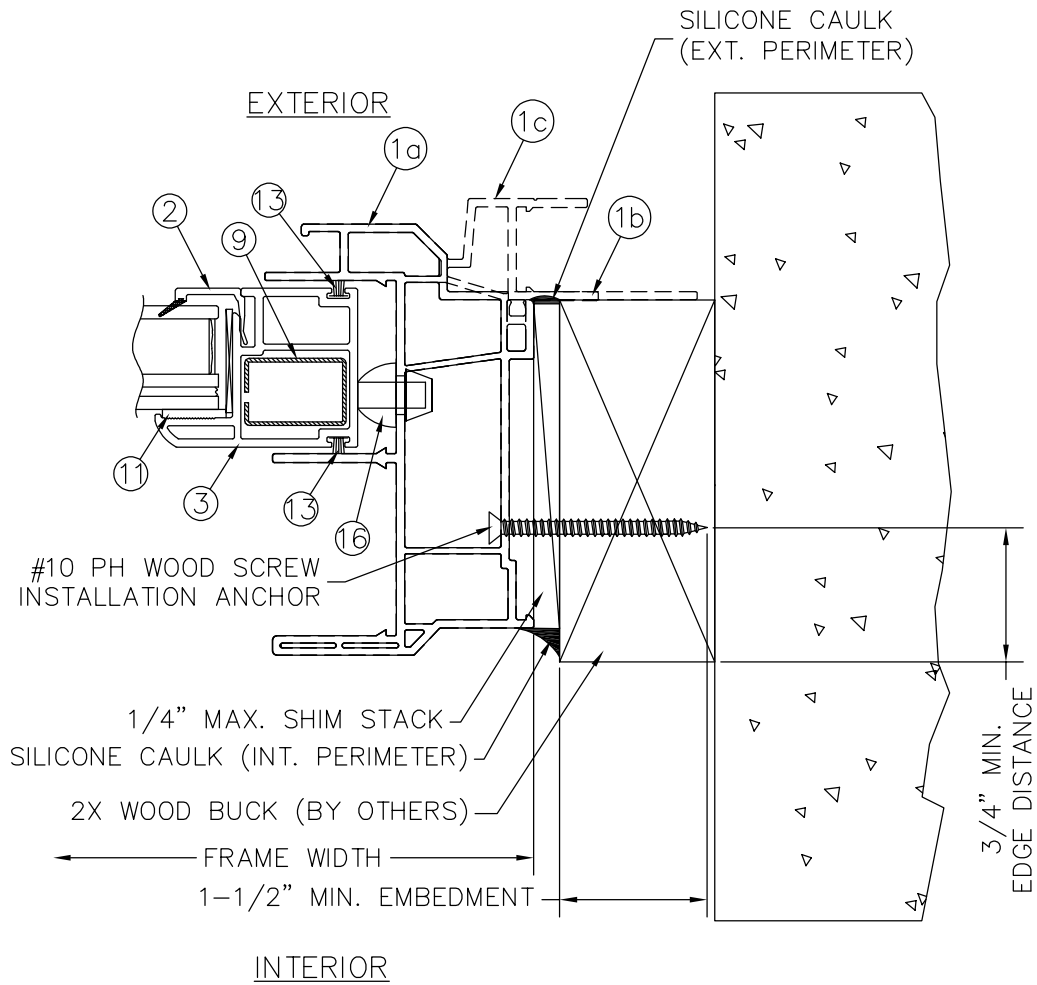
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|                                                   |               |                    |       |
|---------------------------------------------------|---------------|--------------------|-------|
| <b>SIMONTON</b><br>WINDOWS                        |               | SIZE: DRAWING NO.: | REV.: |
| 1 Cochrane Avenue<br>Pennsboro, WV 26415          |               | B DAO012           | 6     |
| DRAWN BY:                                         | DATE:         |                    |       |
| T.D.D.                                            | 05/13/13      |                    |       |
| CHECKED BY:                                       | DATE:         |                    |       |
| SCALE: FIT                                        | SHEET: 2 of 6 | APPR'D BY:         | DATE: |
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| TITLE: VERTICAL CROSS SECTIONS                    |               |                    |       |

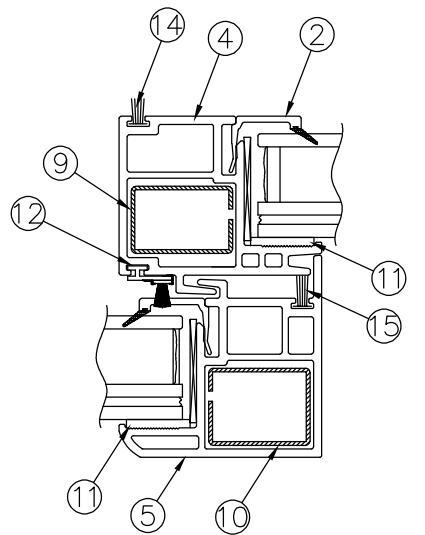
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1 HORIZONTAL CROSS SECTION (2X BUCK)  
3 FIXED JAMB WITH STEEL REINFORCEMENT



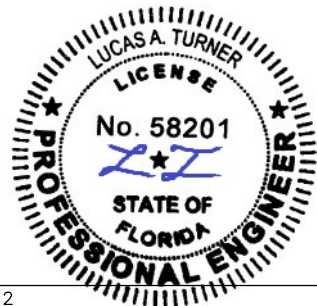
2 HORIZONTAL CROSS SECTION (2X BUCK)  
3 OPER. JAMB WITH STEEL REINFORCEMENT



3 HORIZONTAL CROSS SECTION  
3 MTG. RAILS WITH STEEL REINFORCEMENT

**NOTES:**

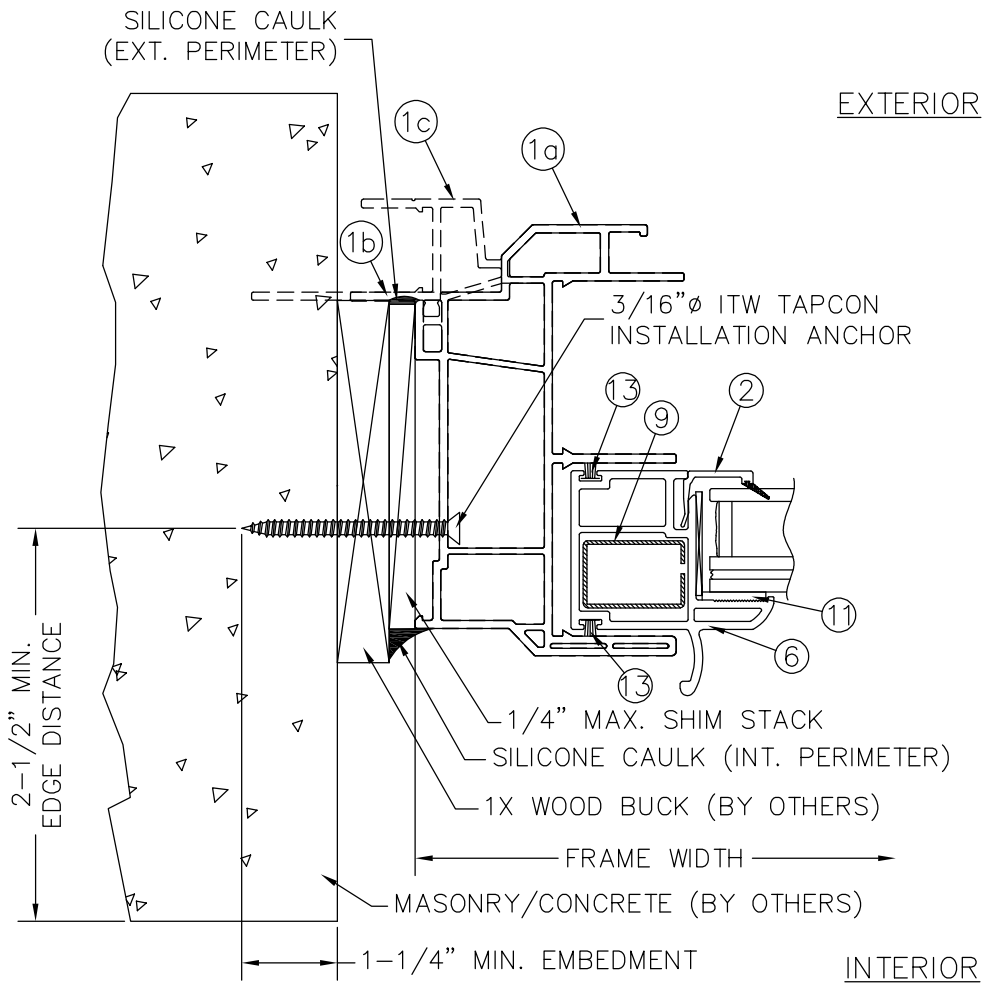
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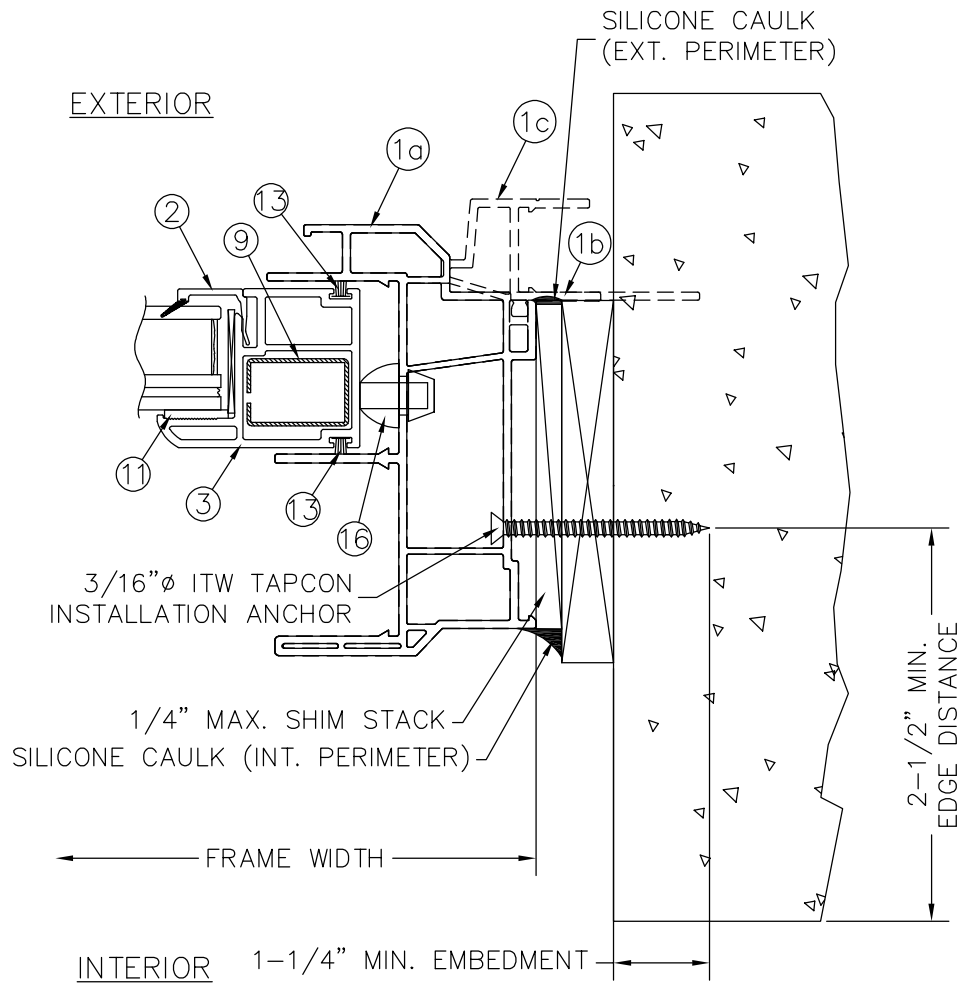
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| TITLE: HORIZONTAL CROSS SECTIONS (2X WOOD BUCK)   |               |                  |                     |         |

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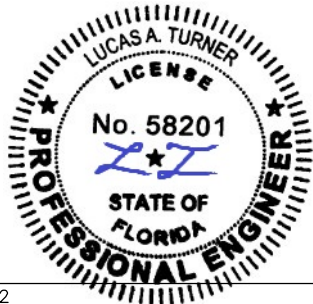
3 HORIZONTAL CROSS SECTION (1X BUCK)  
3 FIXED JAMB WITH STEEL REINFORCEMENT



4 HORIZONTAL CROSS SECTION (1X BUCK)  
3 OPER. JAMB WITH STEEL REINFORCEMENT

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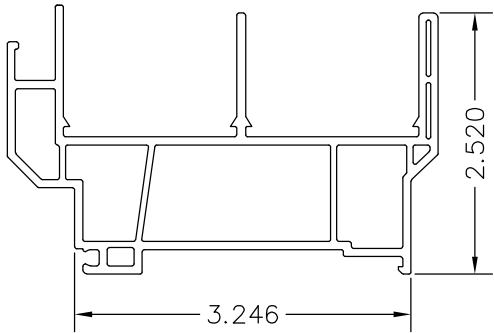
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|                                                                                                                                                               | DRAWN BY: T.D.D. | DATE: 05/13/13      | CHECKED BY: |
| SCALE: FIT                                                                                                                                                    | SHEET: 4 of 6    | APPR'V'D BY:        | DATE:       |
| SERIES: STORMBREAKER PLUS 300VL HORIZONTAL ROLLER                                                                                                             |                  |                     |             |
| TITLE: HORIZONTAL CROSS SECTIONS (1X WOOD BUCK)                                                                                                               |                  |                     |             |

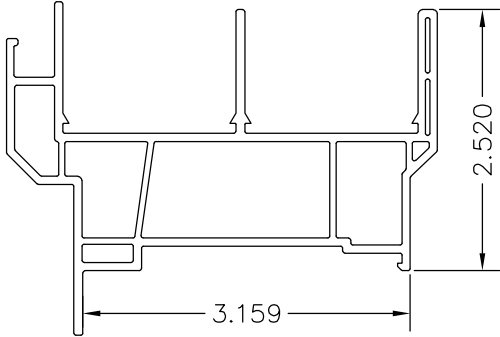


| BILL OF MATERIALS |                                                |              |
|-------------------|------------------------------------------------|--------------|
| ITEM #            | DESCRIPTION                                    | MANUFACTURER |
| 1a                | SL0901S VINYL FRAME (HEAD/JAMB/SILL)           | SIMEX, INC.  |
| 1b                | SL1101S VINYL FRAME WITH FLANGE                | SIMEX, INC.  |
| 1c                | SL1201S VINYL FRAME WITH NAILING FIN/J-CHANNEL | SIMEX, INC.  |
| 2                 | BV18 VINYL GLAZING BEAD FOR 1" I.G.U.          | SIMEX, INC.  |
| 3                 | SL75S VINYL COMMON SASH                        | SIMEX, INC.  |
| 4                 | SL74S VINYL KEEPER SASH                        | SIMEX, INC.  |
| 5                 | SL77S VINYL LOCK STILE                         | SIMEX, INC.  |
| 6                 | SL79S VINYL PULL STILE                         | SIMEX, INC.  |
| 7                 | V355 VINYL HEAD/SILL TRACK INSERT              | SIMEX, INC.  |
| 8                 | 6063-T5 ALUMINUM L-BRACK (HEAD/SILL)           | TRUTH        |
| 9                 | SIMRECT1 GALVANIZED STEEL REINFORCEMENT        | HYGRADE      |
| 10                | SIMRECT2 GALVANIZED STEEL REINFORCEMENT        | HYGRADE      |
| 11                | 896-HIS GLAZING COMPOUND                       | PECORA       |
| 12                | OFFSET FINSEAL WEATHERSTRIPPING                | AMESBURY     |
| 13                | 0.250" FINSEAL WEATHERSTRIPPING                | AMESBURY     |
| 14                | 0.340" FINSEAL WEATHERSTRIPPING                | AMESBURY     |
| 15                | 0.460" FINSEAL WEATHERSTRIPPING                | AMESBURY     |
| 16                | VINYL PRESS FIT BUMPER STOPS                   | KASO         |

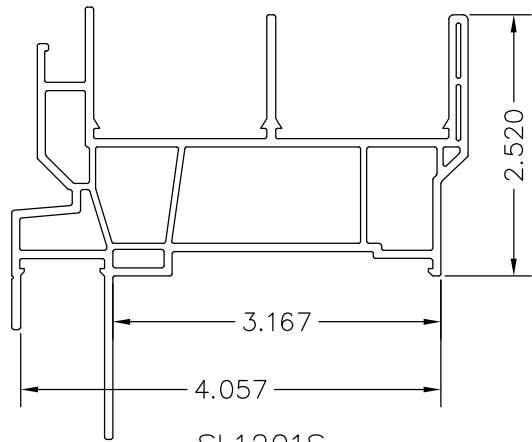
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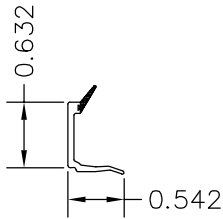
①a SL0901S  
HORIZONTAL ROLLER FRAME  
0.079" EXT. WALL THK.  
0.060" INT. WALL THK.



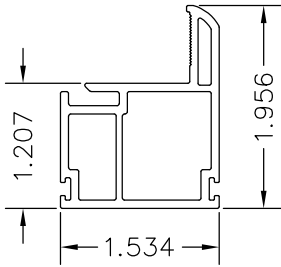
①b SL1101S  
HORIZONTAL ROLLER FRAME WITH FLANGE  
0.079" EXT. WALL THK.  
0.060" INT. WALL THK.



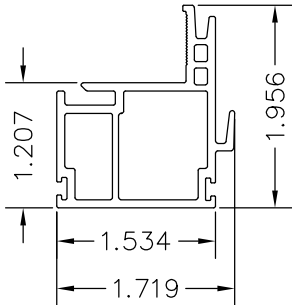
①c SL1201S  
HORIZONTAL ROLLER FRAME WITH NAILING FIN & J-CHANNEL  
0.079" EXT. WALL THK.  
0.060" INT. WALL THK.



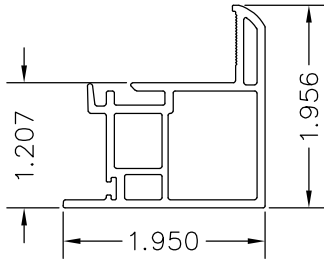
② BV18  
GLAZING BEAD  
0.059" WALL THK.



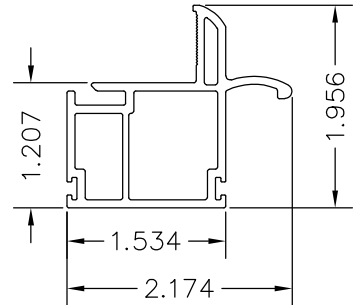
③ SL75S  
COMMON SASH  
0.079" EXT. WALL THK.  
0.059 INT. WALL THK.



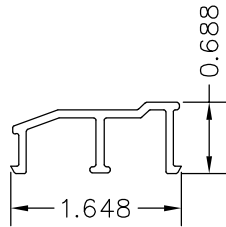
④ SL74S  
KEEPER SASH  
0.079" EXT. WALL THK.  
0.059 INT. WALL THK.



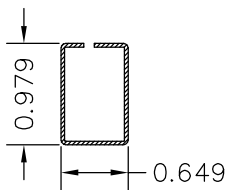
⑤ SL77S  
LOCK STILE  
0.079" EXT. WALL THK.  
0.059 INT. WALL THK.



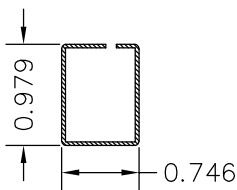
⑥ SL79S  
PULL STILE  
0.079" EXT. WALL THK.  
0.059 INT. WALL THK.



⑦ V355  
TRACK INSERT  
0.079" WALL THK.



⑨ SIMRECT1  
RAIL/STILE REINFORCEMENT  
0.036 GALV. STEEL



⑩ SIMRECT2  
LOCK RAIL REINFORCEMENT  
0.036" GALV. STEEL



⑫ OFFSET FINSEAL WEATHERSTRIPPING



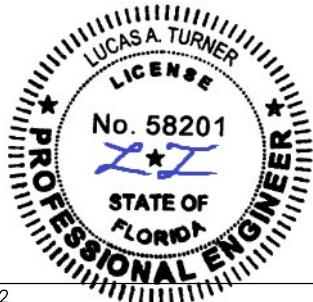
⑬ 0.250" FINSEAL WEATHERSTRIPPING



⑭ 0.340" FINSEAL WEATHERSTRIPPING



⑮ 0.460" FINSEAL WEATHERSTRIPPING



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| SHEET: 6 of 6                                     |  | APPR'VD BY:      | DATE:               |         |
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| TITLE: BILL OF MATERIALS AND COMPONENTS           |  |                  |                     |         |