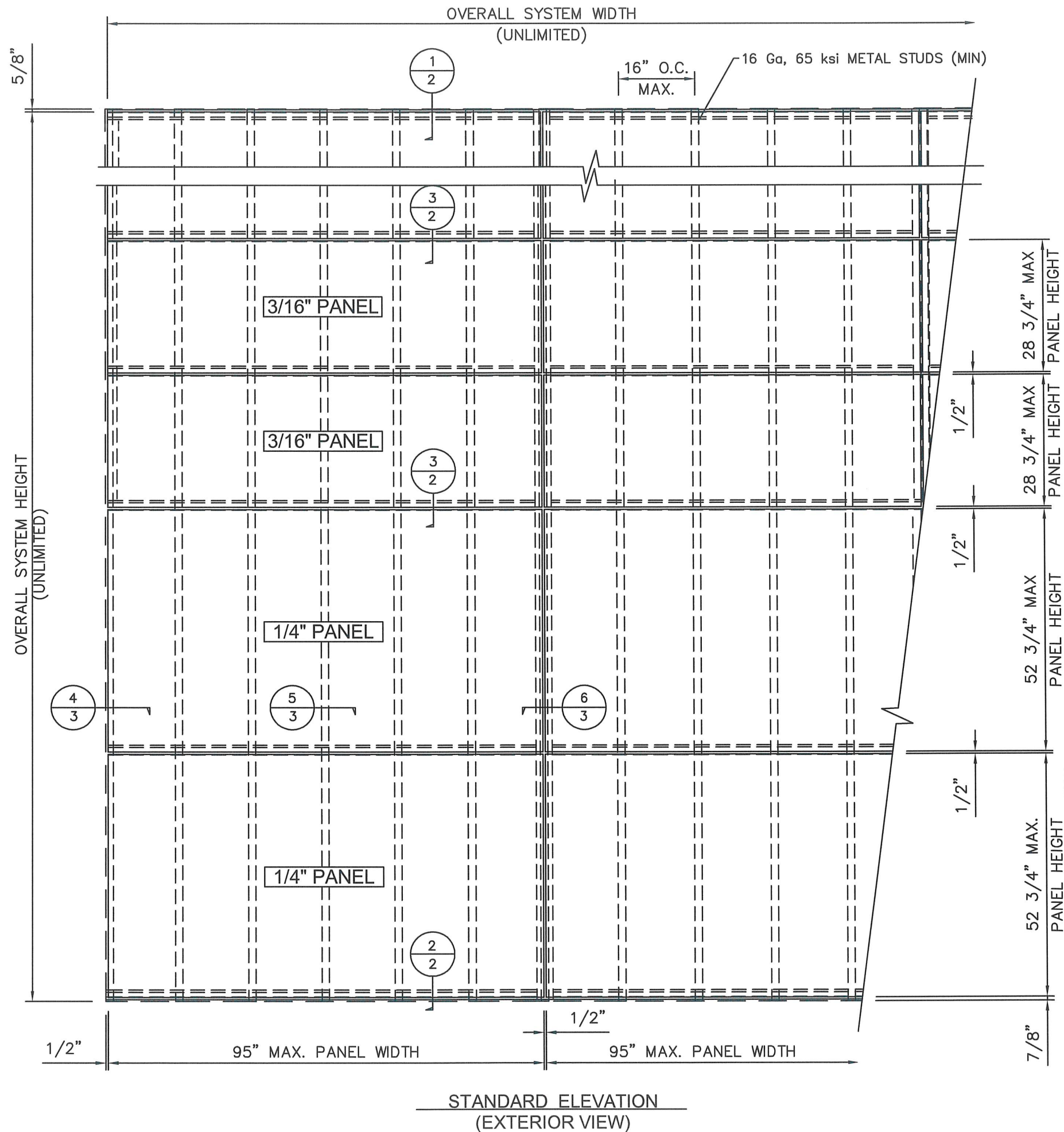


RS400 ALUMINUM PANEL  
WALL CLADDING SYSTEM:

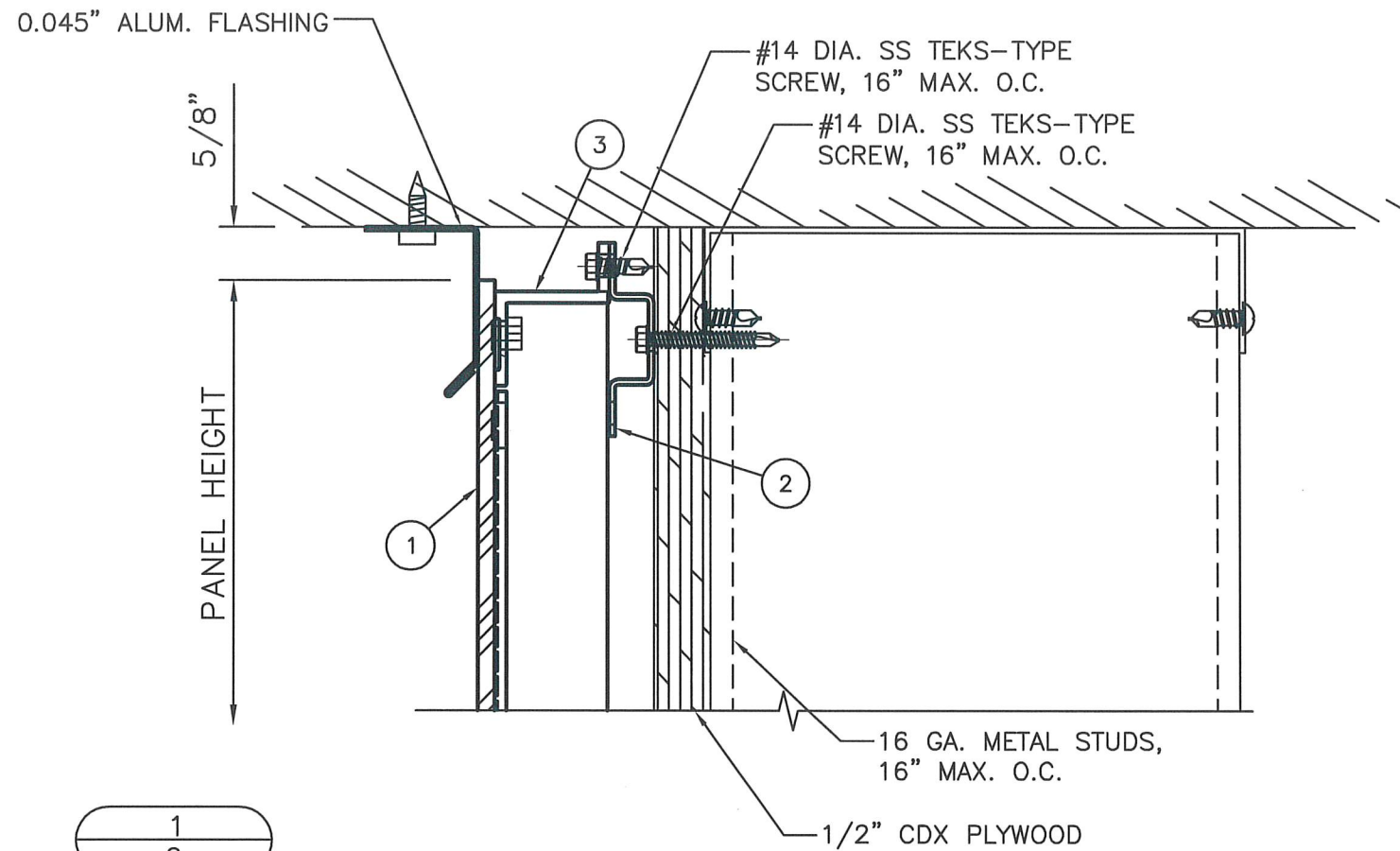
GENERAL NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED TO MEET ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, INCLUDING THE HVHZ PROVISIONS.
2. THIS SYSTEM HAS BEEN TESTED PER TAS 201, 202 (STRUCTURAL ONLY), AND 203 FOR LARGE AND SMALL MISSILE IMPACT RESISTANCE. SHUTTERS ARE NOT REQUIRED.
3. THIS SYSTEM HAS NOT BEEN TESTED FOR WATER INFILTRATION. A WEATHER-RESISTIVE BARRIER MEETING THE REQUIREMENTS OF FBC SECTION 1404.2 WITH FLASHING MEETING SECTION 1405.4 MUST BE INSTALLED BEHIND THIS SYSTEM.
4. THE METAL STUD WALL IS NOT A PART OF THIS SYSTEM. THE METAL STUD SYSTEM MUST ADEQUATELY SUPPORT THE LOADS IMPOSED BY THE PANEL SYSTEM AND TRANSFER THEM SAFELY TO THE BUILDING STRUCTURE.
5. DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE PROJECT (ASD) PRESSURE CANNOT EXCEED THE DESIGN PRESSURE LISTED ON THIS SHEET.
6. ALL ANCHORS SECURING THE SYSTEM TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
7. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE PROTECTED PER FBC REQUIREMENTS.
8. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. Cd=1.6 WAS USED FOR WOOD SCREWS ONLY.
9. FASTENER EMBEDMENTS LISTED ARE BEYOND WALL DRESSING OR STUCCO. FASTENERS IN STEEL STUDS MUST FULLY PENETRATE THE WALL OF THE STUD, WITH 3 ADDITIONAL THREADS BEYOND.
10. ALUMINUM PANELS ARE 5052-H32 ALLOY, 3/16" or 1/4" THICKNESS.
10. ALUMINUM EXTRUSIONS ARE 6061-T6.

| DESIGN PRESSURE |
|-----------------|
| +/- 70 Psf      |

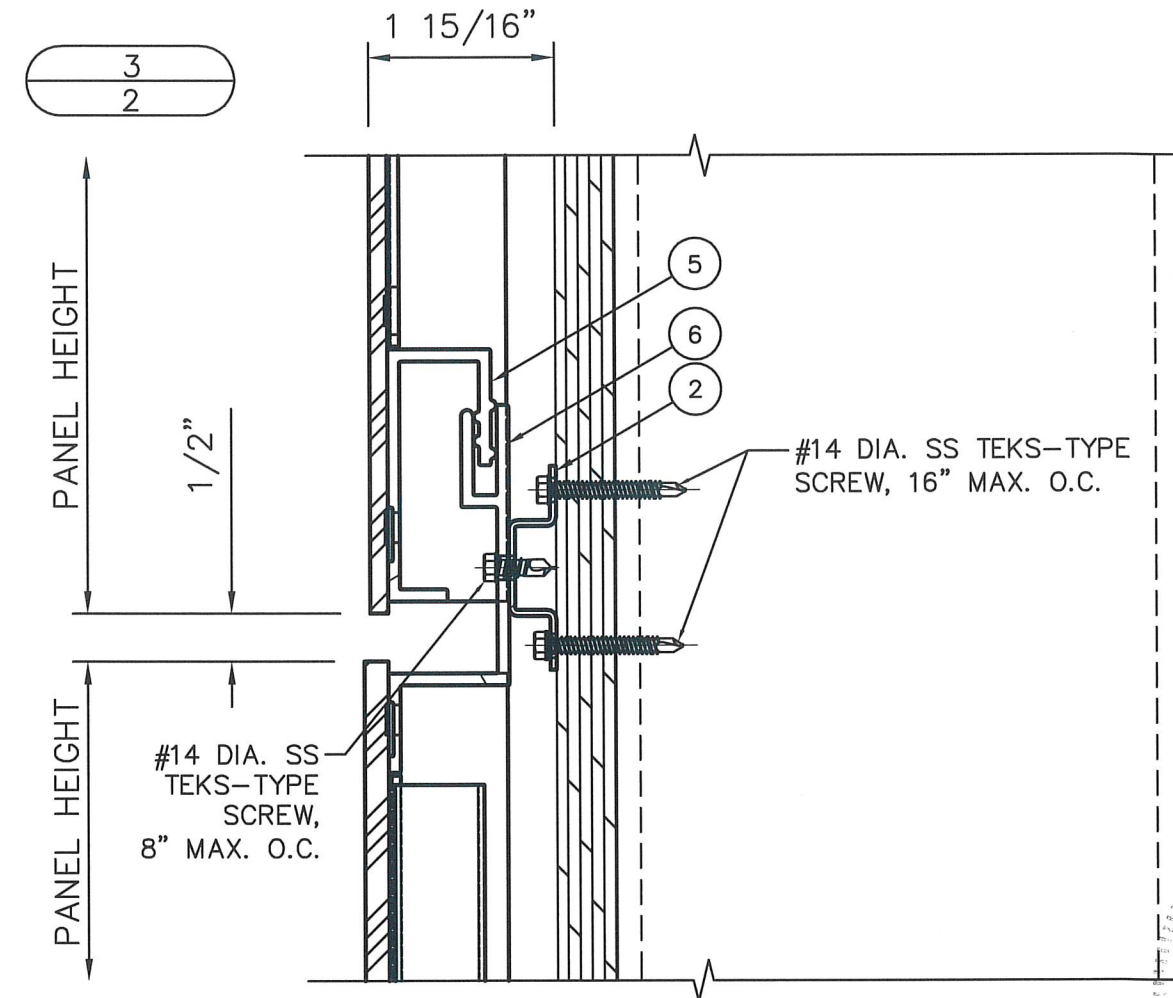
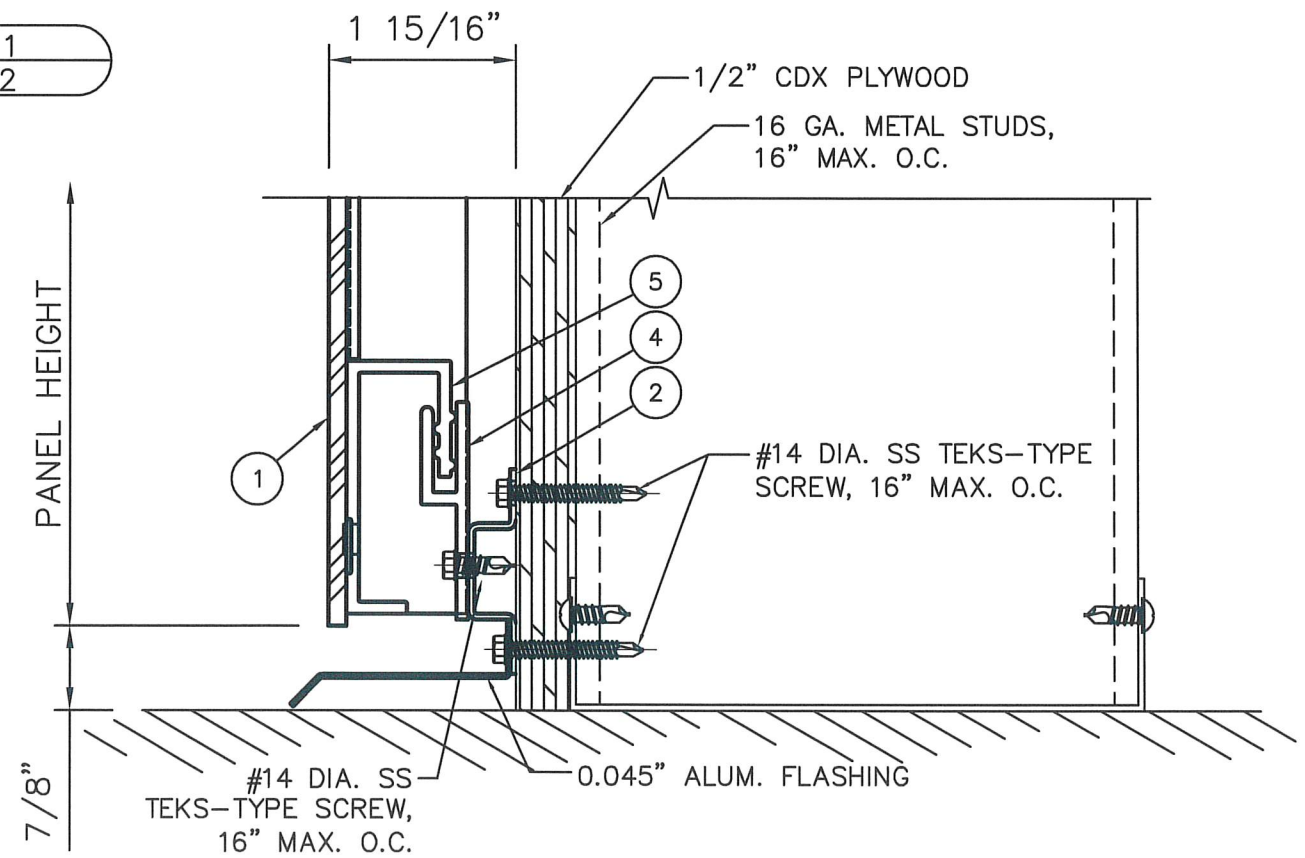


|                                                                                                                                          |               |                   |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|
| 1                                                                                                                                        | 9/9/24        | DATE              |
| 1                                                                                                                                        | 2/16/21       | REV.#             |
| 1                                                                                                                                        | 1ST SUBMITTAL | PRINTS ISSUED FOR |
| 1                                                                                                                                        | CODE UPDATE   | ISSUED FOR        |
| AMERICAN METALCRAFT, INC.                                                                                                                |               |                   |
| 28 ANDREW WAY<br>VILLA RICA, GA 30180<br>PH: (770) 459-3605<br>FX: (770) 456-7145<br>www.americanmetalcraft.com                          |               |                   |
| SCOTT WOLTERS<br>FL PE# 62354<br>WOLTERS ENGINEERING<br>(COA# 27194)<br>15211 97TH ROAD N<br>WEST PALM BEACH, FL 33412<br>(561) 225-1982 |               |                   |
| PRODUCT:<br>RS400 ALUMINUM<br>PANEL WALL<br>SYSTEM                                                                                       |               |                   |
| DWG:<br>RS400-HZ                                                                                                                         |               |                   |
| SHEET:<br>1/4                                                                                                                            |               |                   |



1  
2

1  
2



3/16" PANELS ARE SHOWN.  
1/4" PANELS ARE SIMILAR.

SCOTT WOLTERS  
FL PE# 62354

WOLTERS ENGINEERING  
(COA# 27194)  
15211 87TH ROAD N  
WEST PALM BEACH, FL 33412  
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PRODUCT:  
RS400 ALUMINUM  
PANEL WALL  
SYSTEM

DWG:  
RS400-HZ

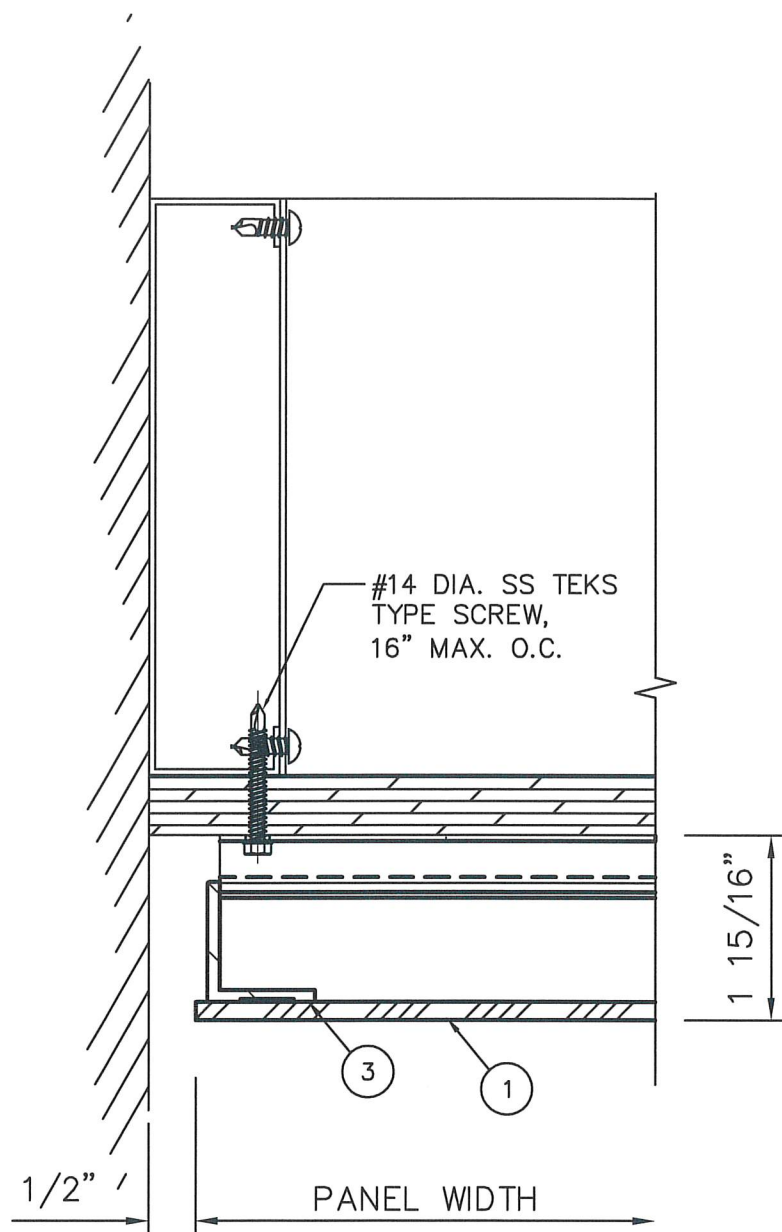
SHEET:  
2/4

AMERICAN METALCRAFT, INC.

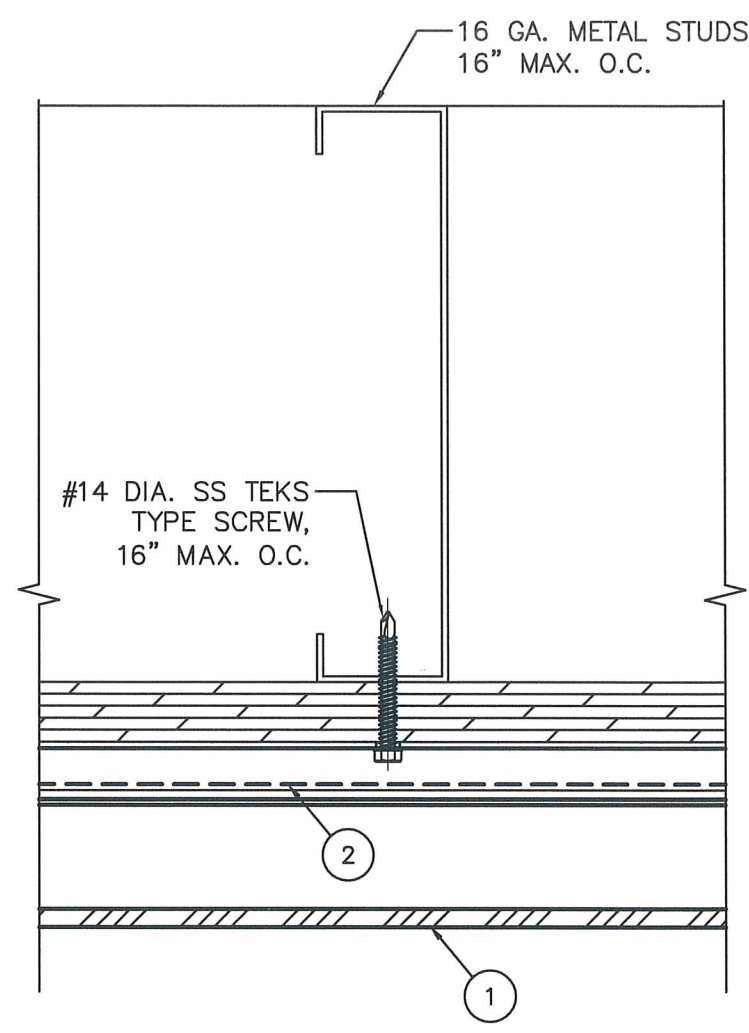
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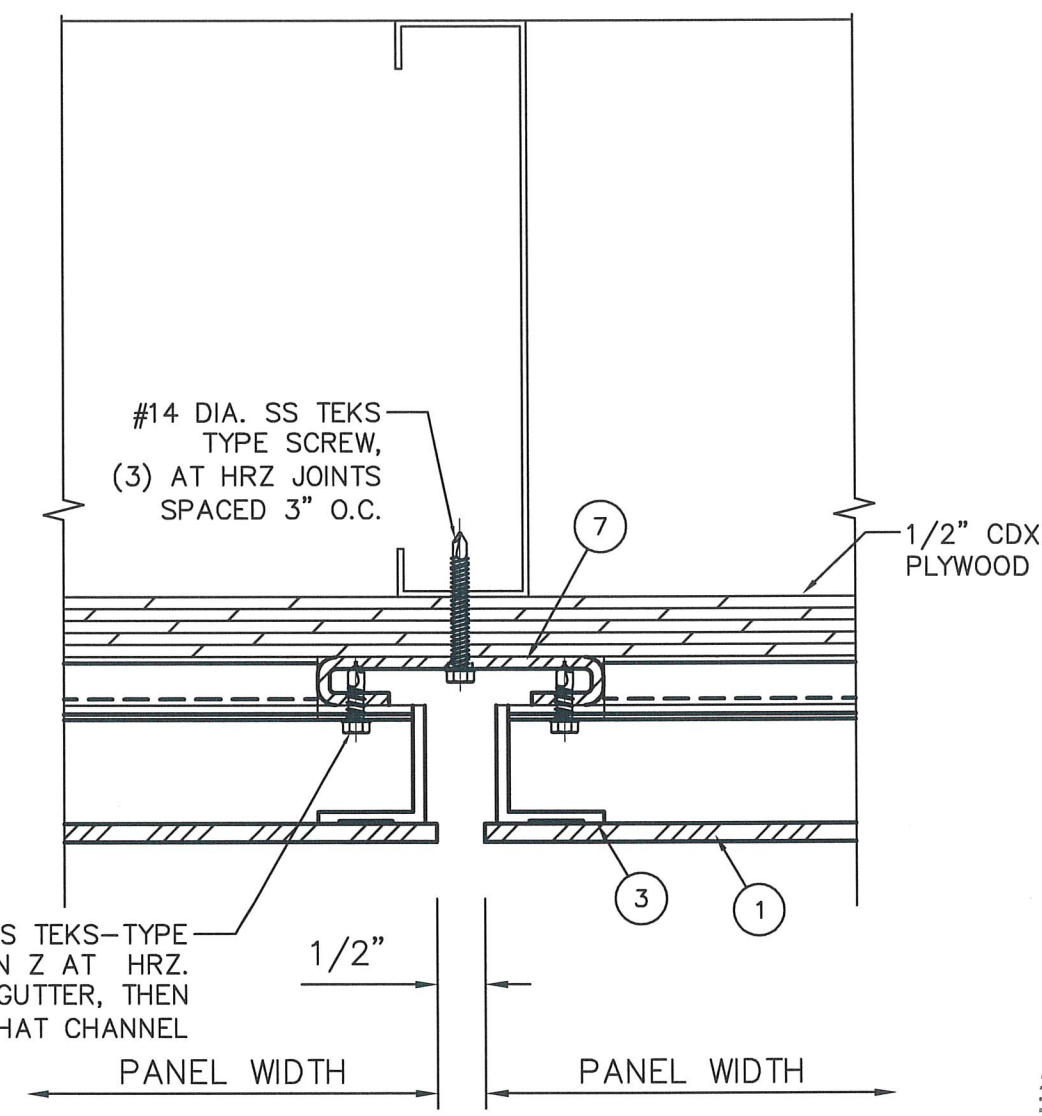
| REV.# | ISSUED FOR    | DATE    |
|-------|---------------|---------|
| 1     | CODE UPDATE   | 9/9/24  |
| 2     | 1ST SUBMITTAL | 2/16/21 |



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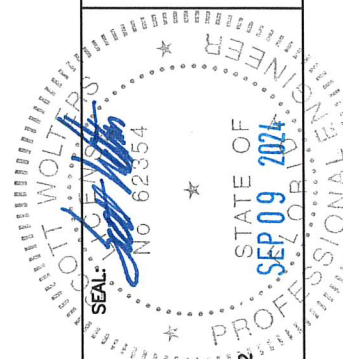


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3



6  
3

3/16" PANELS ARE SHOWN.  
1/4" PANELS ARE SIMILAR.



SCOTT WALTERS  
FL PE# 62354  
WALTERS ENGINEERING  
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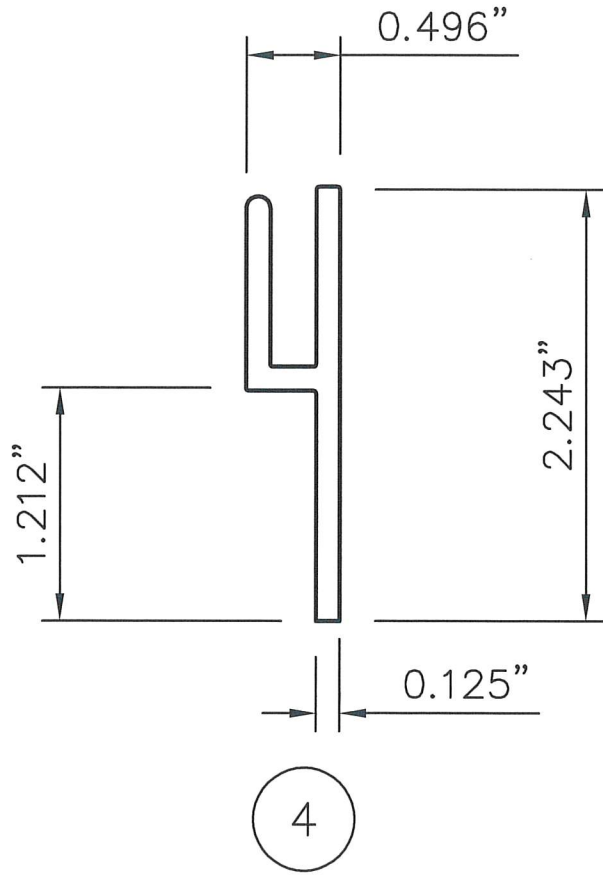
PRODUCT:  
RS400 ALUMINUM  
PANEL WALL  
SYSTEM

DWG:  
RS400-HZ

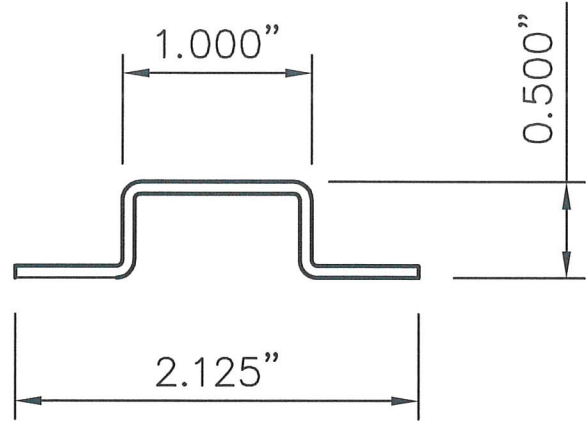
SHEET:  
3/4

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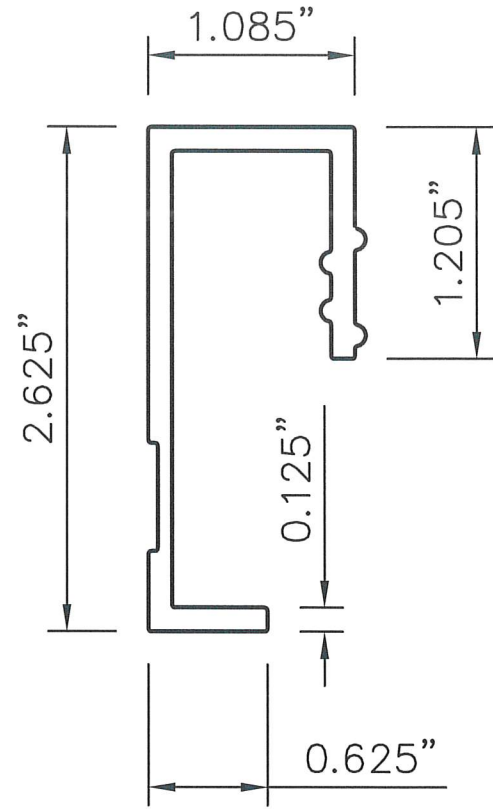
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| 1     | CODE UPDATE   | 9/9/24  |
| 2     | 1ST SUBMITTAL | 2/16/21 |



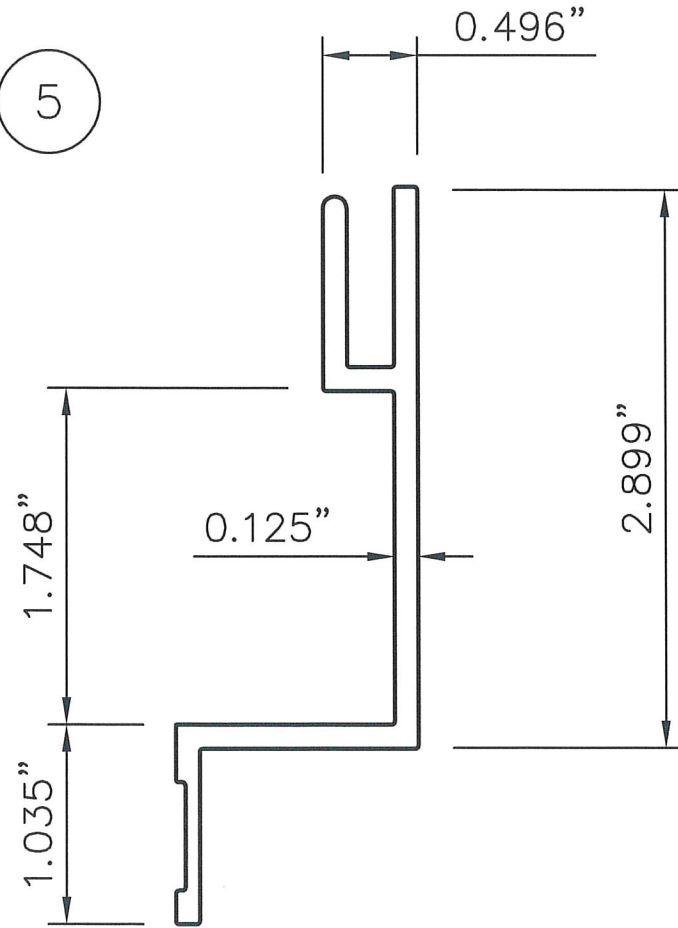
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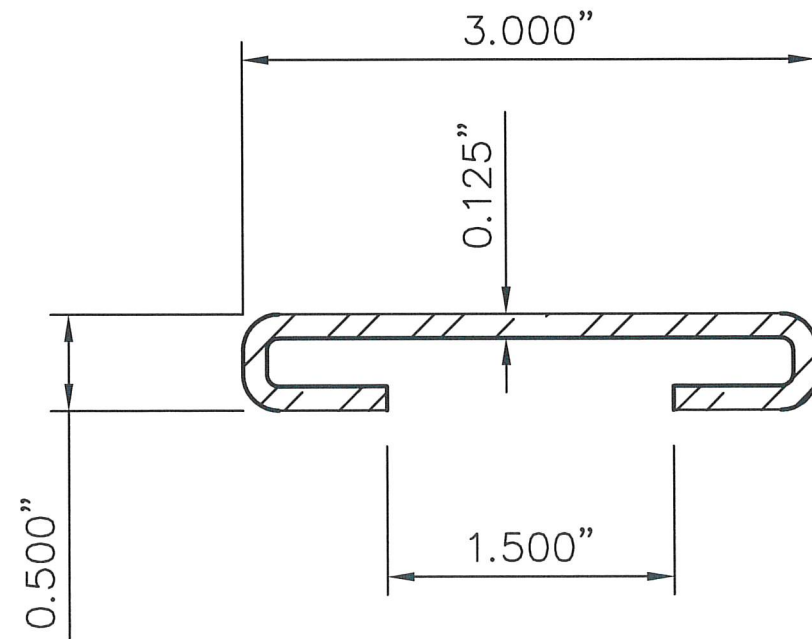
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5



6



7

| BILL OF MATERIALS |                       |                  |                                |
|-------------------|-----------------------|------------------|--------------------------------|
| #                 | DESCRIPTION           | MATERIAL         | NOTES                          |
| 1A                | 3/16" FLAT ALUM PLATE | 5052-H32         |                                |
| 1B                | 1/4" FLAT ALUM PLATE  | 5052-H32         |                                |
| 2                 | HAT CHANNEL           | 6061-T6 ALUMINUM |                                |
| 3                 | EDGE ANGLE            | 6061-T6 ALUMINUM |                                |
| 4                 | SILL ANCHOR           | 6061-T6 ALUMINUM |                                |
| 5                 | CHANNEL SHAPE         | 6061-T6 ALUMINUM |                                |
| 6                 | Z SHAPE               | 6061-T6 ALUMINUM |                                |
| 7                 | GUTTER                | STEEL            | WELDED TO PURLIN AT 1/4 POINTS |

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SHEET:  
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STATE OF  
FLORIDA  
SEP 09 2024

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