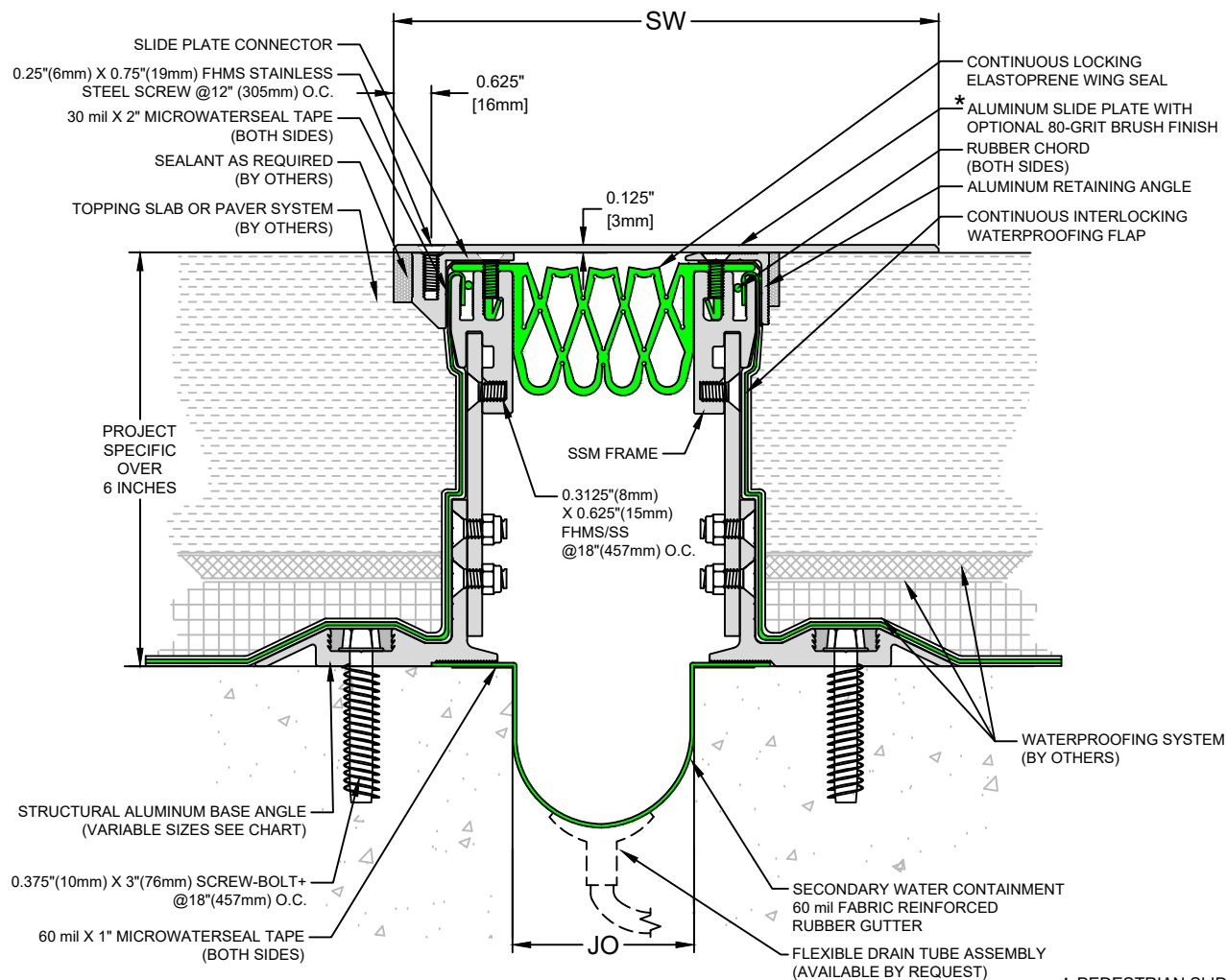




**SSC Series Adjustable Height Expansion Joint**  
**Sizes 250 through 550**  
 (Slab-to-Slab)

\* PEDESTRIAN SLIDE PLATE THICKNESS DEPENDANT ON PROJECT SPECIFIC LOADING REQUIREMENTS. OPTIONAL STAINLESS STEEL SLIDE PLATE AVAILABLE UPON REQUEST. CONTACT MM SYSTEMS FOR ALTERNATE ATTACHMENT DESIGN FOR VEHICULAR TRAFFIC.



50 MM WAY  
 PENDERGRASS, GA. 30567  
 706-824-7500 PHONE

[www.mm.systems](http://www.mm.systems)

For Spec-Data, Install Guides, and other data visit [www.mm.systems](http://www.mm.systems)

**RIGHTS OF DESIGN**

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

**Split Slab Membrane with Cover Plate System**

**SSC Adjustable Height Series (250-550)**

Drawn by:

LRM

Scale:

NTS

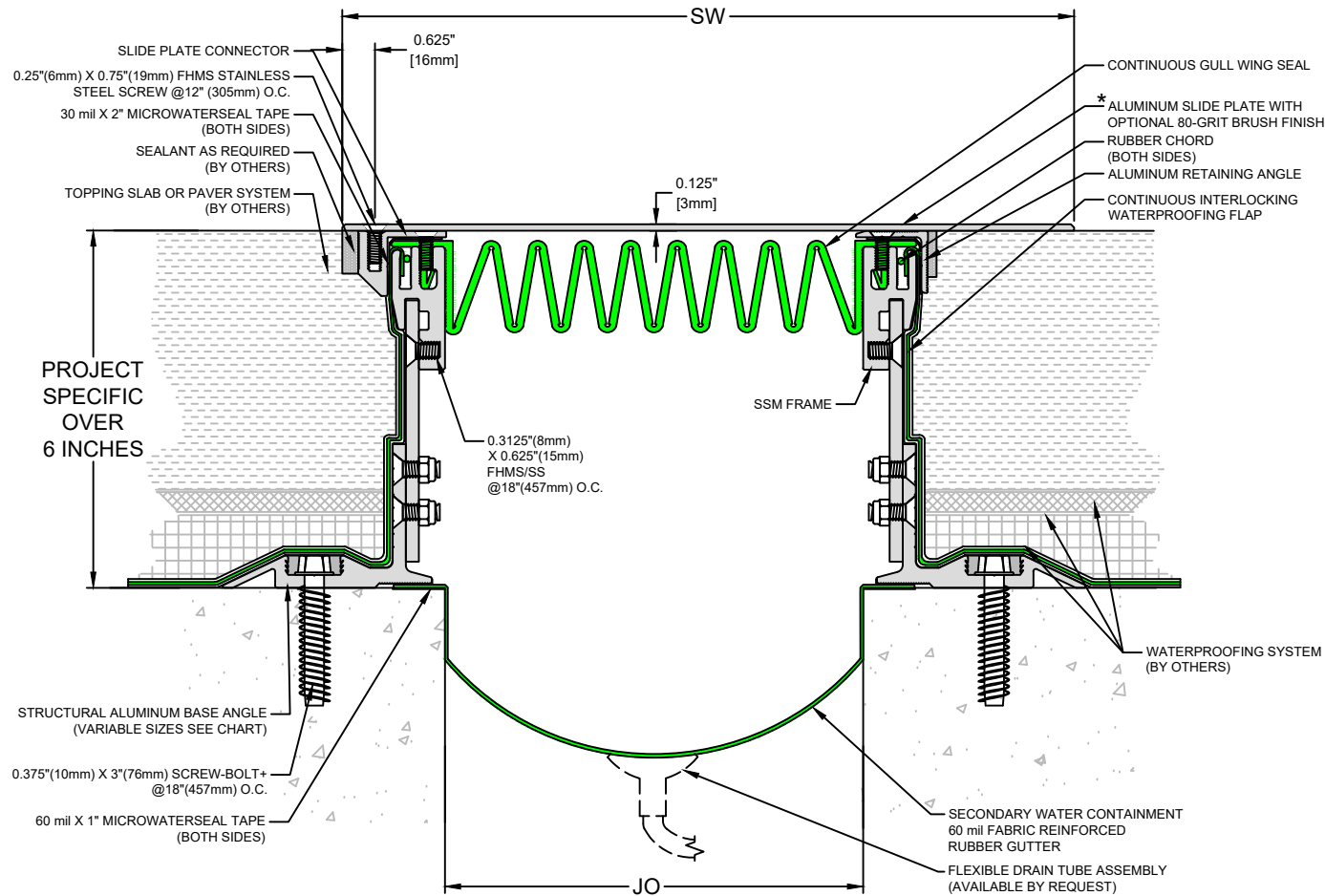
Drawing Number:

SHT. 1 OF 4

Issue Date:

07/10/2025

41250-01



**SSC Series Adjustable Height Expansion Joint**  
**Sizes 650 through 1200**  
 (Slab-to-Slab)

\* PEDESTRIAN SLIDE PLATE THICKNESS DEPENDANT ON PROJECT SPECIFIC LOADING REQUIREMENTS. OPTIONAL STAINLESS STEEL SLIDE PLATE AVAILABLE UPON REQUEST. CONTACT MM SYSTEMS FOR ALTERNATE ATTACHMENT DESIGN FOR VEHICULAR TRAFFIC.



50 MM WAY  
 PENDERGRASS, GA. 30567  
 706-824-7500 PHONE

[www.mm.systems](http://www.mm.systems)

For Spec-Data, Install Guides, and other data visit [www.mm.systems](http://www.mm.systems)

#### RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

#### Split Slab Membrane with Cover Plate System

### SSC Adjustable Height Series (650-1200)

|                  |                           |                 |
|------------------|---------------------------|-----------------|
| Drawn by:<br>LRM | Scale:<br>NTS             | Drawing Number: |
| SHT. 2 OF 4      | Issue Date:<br>07/10/2025 | 41250-01        |

## SSC ADJUSTABLE HEIGHT SERIES EXPANSION JOINT MOVEMENT CHART

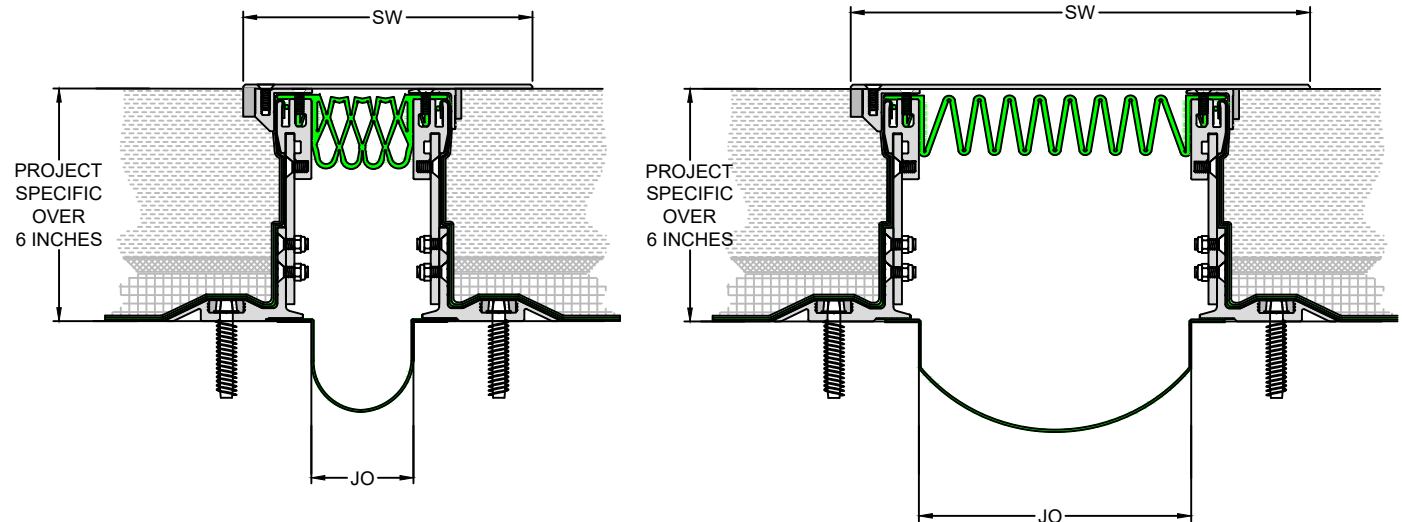
| Model Number | Joint Opening (JO <sup>N</sup> ) |     | Slide Plate Width (SW <sup>N</sup> ) |     | Thermal Movement (JO <sup>T</sup> ) |     |              |     | Seismic Movement (JO <sup>S</sup> ) |     |              |     | Total (JO <sup>A</sup> ) |     |
|--------------|----------------------------------|-----|--------------------------------------|-----|-------------------------------------|-----|--------------|-----|-------------------------------------|-----|--------------|-----|--------------------------|-----|
|              | Nominal                          |     | Nominal                              |     | Minimum                             |     | Maximum      |     | Minimum                             |     | Maximum      |     | Movement                 |     |
| SSC-250      | <b>1.50</b>                      | 38  | <b>7.00</b>                          | 178 | <b>0.75</b>                         | 19  | <b>2.50</b>  | 64  | <b>0.75</b>                         | 19  | <b>3.25</b>  | 83  | <b>2.50</b>              | 64  |
| SSC-350      | <b>2.00</b>                      | 51  | <b>8.00</b>                          | 203 | <b>1.00</b>                         | 25  | <b>3.50</b>  | 89  | <b>1.00</b>                         | 25  | <b>4.25</b>  | 108 | <b>3.25</b>              | 83  |
| SSC-450      | <b>3.00</b>                      | 76  | <b>9.00</b>                          | 229 | <b>1.50</b>                         | 38  | <b>4.50</b>  | 114 | <b>1.50</b>                         | 38  | <b>5.50</b>  | 140 | <b>4.00</b>              | 102 |
| SSC-550      | <b>4.00</b>                      | 102 | <b>10.00</b>                         | 254 | <b>1.50</b>                         | 38  | <b>5.50</b>  | 140 | <b>1.50</b>                         | 38  | <b>6.50</b>  | 165 | <b>5.00</b>              | 127 |
| SSC-650      | <b>5.00</b>                      | 127 | <b>11.00</b>                         | 280 | <b>3.00</b>                         | 76  | <b>7.00</b>  | 178 | <b>2.50</b>                         | 64  | <b>7.50</b>  | 191 | <b>5.00</b>              | 127 |
| SSC-750      | <b>6.00</b>                      | 152 | <b>12.50</b>                         | 318 | <b>4.00</b>                         | 102 | <b>8.00</b>  | 203 | <b>3.00</b>                         | 76  | <b>9.00</b>  | 229 | <b>6.00</b>              | 152 |
| SSC-850      | <b>7.00</b>                      | 178 | <b>14.00</b>                         | 356 | <b>5.00</b>                         | 127 | <b>9.00</b>  | 229 | <b>3.50</b>                         | 89  | <b>10.50</b> | 267 | <b>7.00</b>              | 178 |
| SSC-950      | <b>8.00</b>                      | 203 | <b>15.50</b>                         | 394 | <b>6.00</b>                         | 152 | <b>10.00</b> | 254 | <b>4.00</b>                         | 102 | <b>12.00</b> | 305 | <b>8.00</b>              | 203 |
| SSC-1000     | <b>10.00</b>                     | 254 | <b>18.50</b>                         | 470 | <b>8.00</b>                         | 203 | <b>12.00</b> | 305 | <b>5.00</b>                         | 127 | <b>15.00</b> | 381 | <b>10.00</b>             | 254 |
| SSC-1200     | <b>12.00</b>                     | 305 | <b>22.00</b>                         | 559 | <b>10.00</b>                        | 254 | <b>14.00</b> | 356 | <b>6.00</b>                         | 152 | <b>16.00</b> | 406 | <b>10.00</b>             | 254 |

Dimension shown in **inches** (bold) and millimeters. Refer to the SSC Adjustable Height AutoCAD file for individual system drawings.

### LOAD TABLE

|                                                                                     |                      |
|-------------------------------------------------------------------------------------|----------------------|
|    | ADA Compliant        |
|    | Shopping Cart        |
|    | Safe Walking Surface |
|  | Maintenance Cart     |
|  | Extreme Weather      |

Note: The SSC loading capabilities shown above are based upon average vehicular and equipment weights, wheel types and sizes. For project-specific loading capabilities, contact MM Systems with technical data related to wheel type, contact area (footprint), distributed load per wheel, and speed of traffic.



### RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

### Split Slab Membrane with Cover Plate System

## SSC Adjustable Height Series (250-1200)

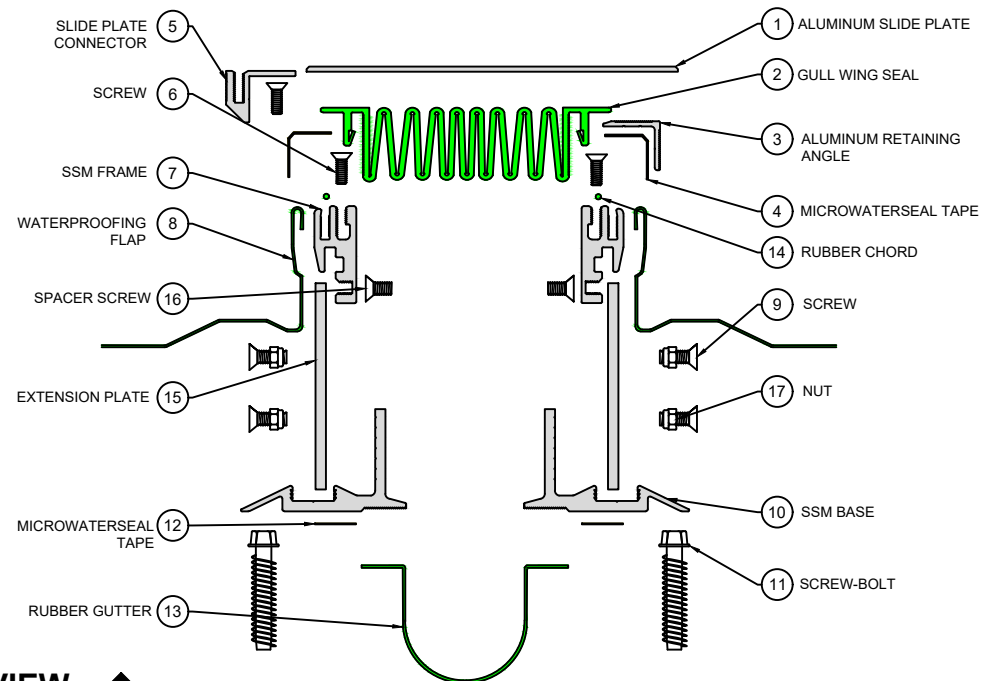
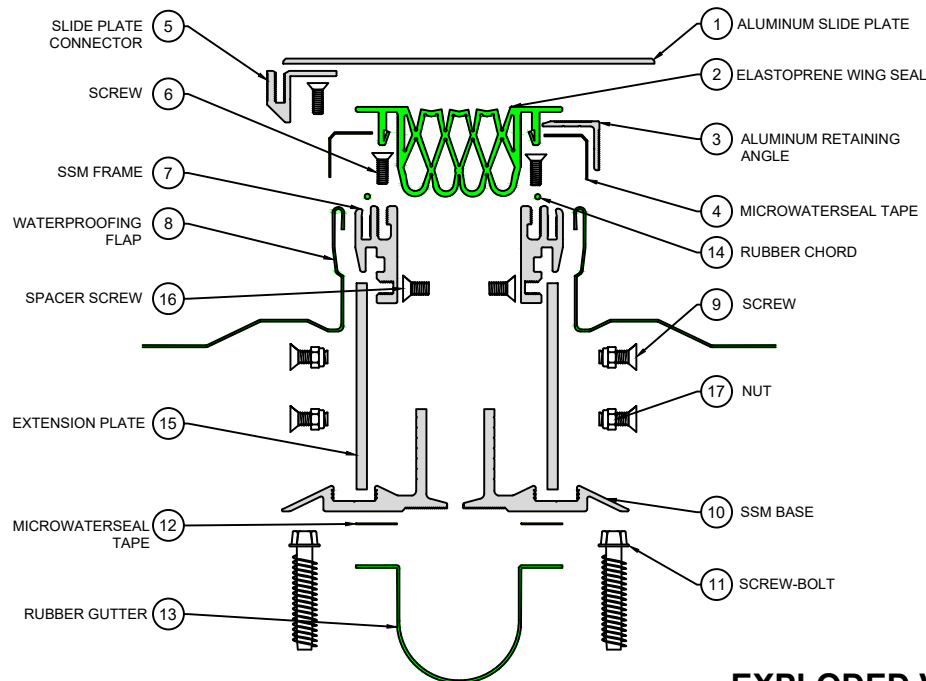
|                  |                           |                 |
|------------------|---------------------------|-----------------|
| Drawn by:<br>LRM | Scale:<br>NTS             | Drawing Number: |
| SHT. 3 OF 4      | Issue Date:<br>07/10/2025 | <b>41250-01</b> |



50 MM WAY  
PENDERGRASS, GA. 30567  
706-824-7500 PHONE

[www.mm.systems](http://www.mm.systems)

For Spec-Data, Install Guides, and other data visit [www.mm.systems](http://www.mm.systems)



## EXPLODED VIEW PART NUMBERS

| Locator | Part Component           | SSC-250-AH             | SSC-350-AH             | SSC-450-AH             | SSC-550-AH             | SSC-650-AH             | SSC-750-AH             | SSC-850-AH             | SSC-950-AH             | SSC-1000-AH            | SSC-1200-AH            |
|---------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| 1       | Aluminum Slide Plate     | CPMA-AM-10-0700-0 0-12 | CPMA-AM-10-0708-0 0-12 | CPMA-AM-10-0900-0 0-12 | CPMA-AM-10-1000-0 0-12 | CPMA-AM-10-1100-0 0-12 | CPMA-AM-10-1208-0 0-12 | CPMA-AM-10-1400-0 0-12 | CPMA-AM-10-1508-0 0-12 | CPMA-AM-10-1808-0 0-12 | CPMA-AM-10-2200-0 0-12 |
| 2       | Elastoprene Wing Seal    | 8385-65                | 8386-65                | 8387-65                | 8388-65                | AA-0002                | AA-0002                | AA-0002                | AA-0002                | AA-0002                | AA-0002                |
| 3       | Aluminum Retaining Angle | 7025-M-10              | 7025-M-10              | 7025-M-10              | 7025-M-10              | 7025-M-10              | 7025-M-10              | 7025-M-10              | 7025-M-10              | 7025-M-10              | 7025-M-10              |
| 4       | Microwaterseal Tape      | Microwaterseal30X2     | Microwaterseal30X2     | Microwaterseal30X2     | Microwaterseal30X2     | Microwaterseal30X2     | Microwaterseal30X2     | Microwaterseal30X2     | Microwaterseal30X2     | Microwaterseal30X2     | Microwaterseal30X2     |
| 5       | Slide Plate Connector    | 8415-M-10              | 8415-M-10              | 8415-M-10              | 8415-M-10              | 8415-M-10              | 8415-M-10              | 8415-M-10              | 8415-M-10              | 8415-M-10              | 8415-M-10              |
| 6       | Screw                    | 9382                   | 9382                   | 9382                   | 9382                   | 9382                   | 9382                   | 9382                   | 9382                   | 9382                   | 9382                   |
| 7       | SSC Frame                | 8346                   | 8346                   | 8346                   | 8346                   | 8346                   | 8346                   | 8346                   | 8346                   | 8346                   | 8346                   |
| 8       | Waterproofing Flap       | 9118-12                | 9118-12                | 9118-12                | 9118-12                | 9118-12                | 9118-12                | 9118-12                | 9118-12                | 9118-12                | 9118-12                |
| 9       | Screw                    | 9334                   | 9334                   | 9334                   | 9334                   | 9334                   | 9334                   | 9334                   | 9334                   | 9334                   | 9334                   |
| 10      | SSC Base                 | See Base Frame Chart   | See Base Frame Chart   | See Base Frame Chart   | See Base Frame Chart   | See Base Frame Chart   | See Base Frame Chart   | See Base Frame Chart   | See Base Frame Chart   | See Base Frame Chart   | See Base Frame Chart   |
| 11      | Screw-Bolt               | 7420                   | 7420                   | 7420                   | 7420                   | 7420                   | 7420                   | 7420                   | 7420                   | 7420                   | 7420                   |
| 12      | Microwaterseal Tape      | Microwaterseal60X1     | Microwaterseal60X1     | Microwaterseal60X1     | Microwaterseal60X1     | Microwaterseal60X1     | Microwaterseal60X1     | Microwaterseal60X1     | Microwaterseal60X1     | Microwaterseal60X1     | Microwaterseal60X1     |
| 13      | Rubber Gutter            | 9109-12                | 9109-12                | 9109-12                | 9109-12                | 9109-12                | 9109-18                | 9109-18                | 9109-18                | 9109-18                | 9109-18                |
| 14      | Rubber Chord             | 9457                   | 9457                   | 9457                   | 9457                   | 9457                   | 9457                   | 9457                   | 9457                   | 9457                   | 9457                   |
| 15      | Extension Plate          | Project Specific       | Project Specific       | Project Specific       | Project Specific       | Project Specific       | Project Specific       | Project Specific       | Project Specific       | Project Specific       | Project Specific       |
| 16      | Spacer Screw             | 9348                   | 9348                   | 9348                   | 9348                   | 9348                   | 9348                   | 9348                   | 9348                   | 9348                   | 9348                   |
| 17      | Nut                      | 9177                   | 9177                   | 9177                   | 9177                   | 9177                   | 9177                   | 9177                   | 9177                   | 9177                   | 9177                   |

| Frame Height | Base Frame |
|--------------|------------|
| 3.25"        | 7431#0200  |
| 3.50"        | 7431#0204  |
| 3.75"        | 7431#0208  |
| 4.00"        | 7431#0212  |
| 4.25"        | 7431#0300  |
| 4.50"        | 7431#0304  |
| 4.75"        | 7431#0308  |
| 5.00"        | 7431#0312  |
| 5.25"        | 7431#0400  |
| 5.50"        | 7431#0404  |
| 5.75"        | 7431#0408  |
| 6.00"        | 7431       |



50 MM WAY  
PENDERGRASS, GA. 30567  
706-824-7500 PHONE

[www.mm.systems](http://www.mm.systems)

For Spec-Data, Install Guides, and other data visit [www.mm.systems](http://www.mm.systems)

## RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

## Split Slab Membrane with Cover Plate System

## SSC Adjustable Height Series (250-1200)

Drawn by:

LRM

Scale:

NTS

Drawing Number:

SHT. 4 OF 4

Issue Date:

07/10/2025

41250-01