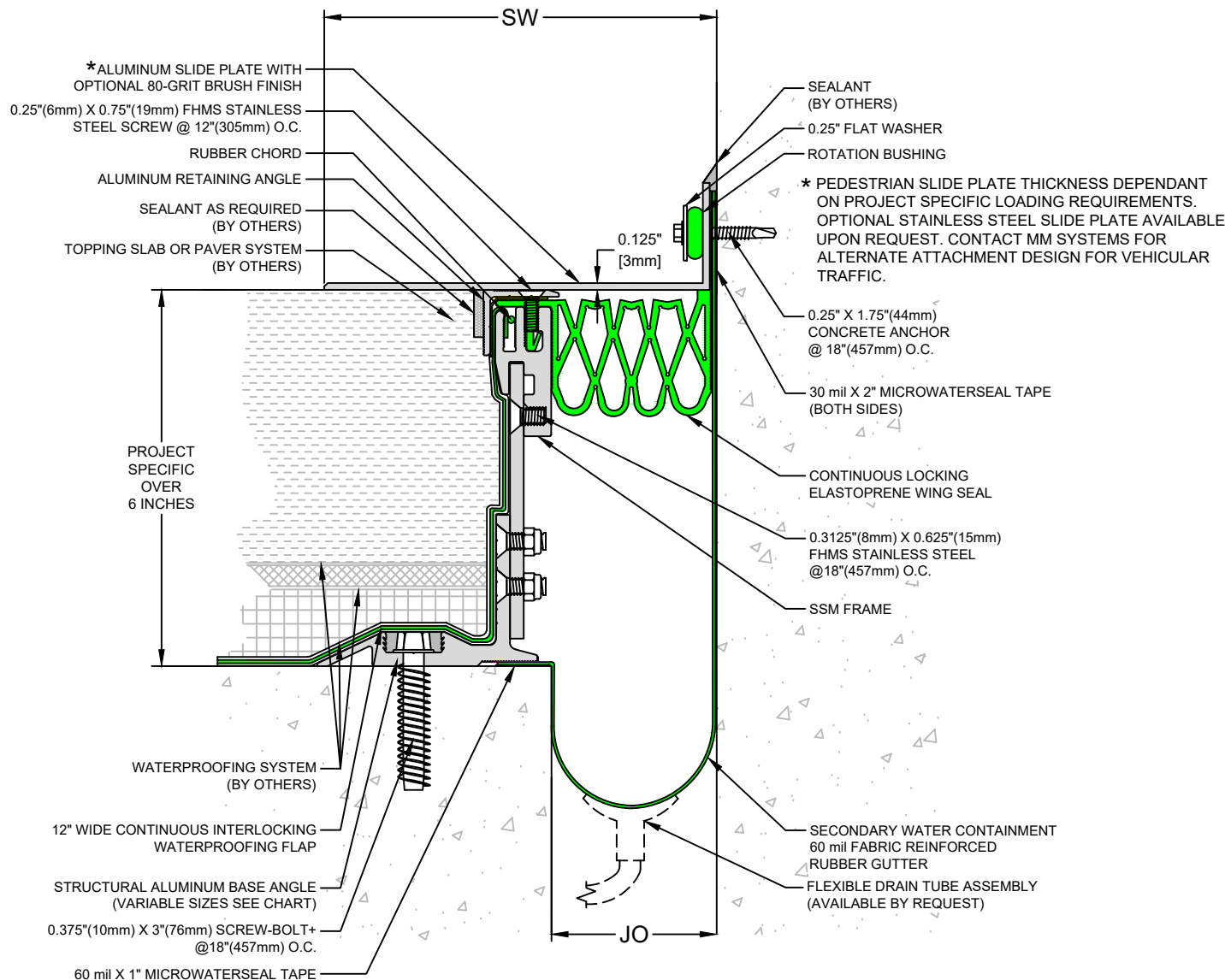




**SSC-C Series Adjustable Height Expansion Joint**  
**Sizes 250 through 550**  
 (Slab-to-Slab)



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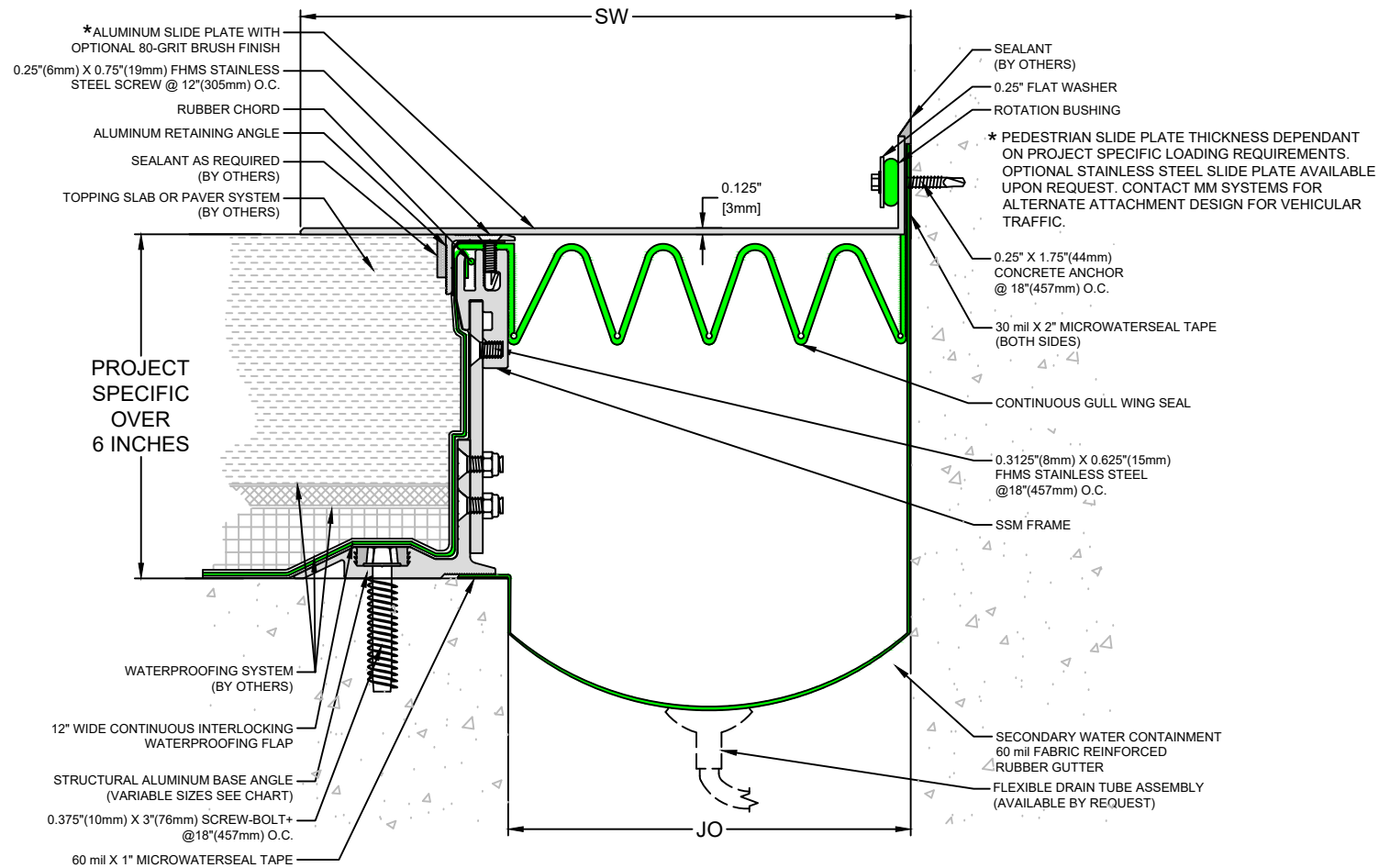
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#### Split Slab Membrane with Cover Plate System

### SSC-C Adjustable Height Series (250-550)

|             |             |                 |
|-------------|-------------|-----------------|
| Drawn by:   | Scale:      | Drawing Number: |
| LRM         | NTS         |                 |
| SHT. 1 OF 4 | Issue Date: |                 |
|             | 07/10/2025  | 41250-02        |



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



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#### Split Slab Membrane with Cover Plate System

### SSC-C Adjustable Height Series (550-1200)

|                  |                           |                 |
|------------------|---------------------------|-----------------|
| Drawn by:<br>LRM | Scale:<br>NTS             | Drawing Number: |
| SHT. 2 OF 4      | Issue Date:<br>07/10/2025 | 41250-02        |

## SSC-C ADJUSTABLE HEIGHT SERIES EXPANSION JOINT MOVEMENT CHART

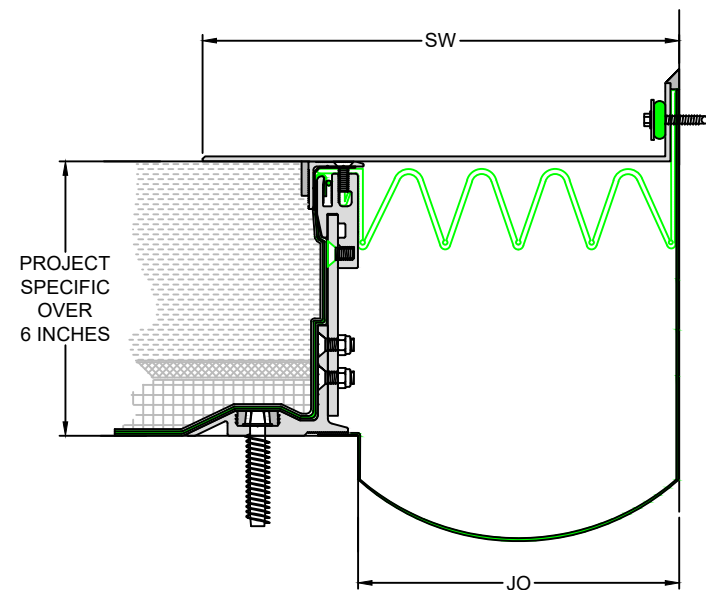
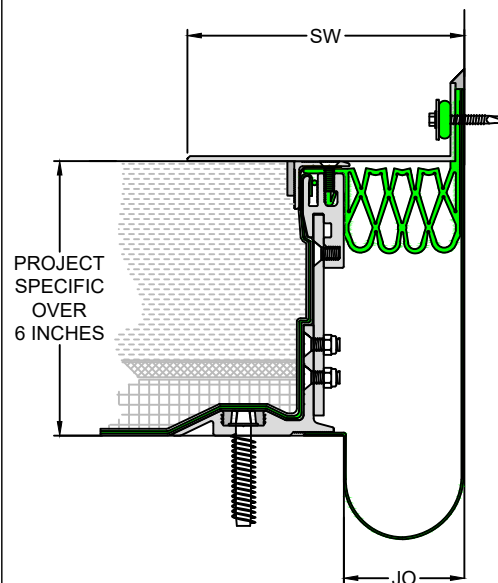
| Model Number | Joint Opening (JO <sup>N</sup> ) |     | Slide Plate Width (SW <sup>N</sup> ) |     | Thermal Movement (JO <sup>T</sup> ) |     |              |     | Seismic Movement (JO <sup>S</sup> ) |     |              |     | Total (JO <sup>A</sup> ) |     |
|--------------|----------------------------------|-----|--------------------------------------|-----|-------------------------------------|-----|--------------|-----|-------------------------------------|-----|--------------|-----|--------------------------|-----|
|              | Nominal                          |     | Nominal                              |     | Minimum                             |     | Maximum      |     | Minimum                             |     | Maximum      |     | Movement                 |     |
| SSC-C-250    | <b>1.50</b>                      | 38  | <b>5.00</b>                          | 127 | <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-C-350    | <b>2.00</b>                      | 51  | <b>6.00</b>                          | 152 | <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-C-450    | <b>3.00</b>                      | 76  | <b>7.00</b>                          | 178 | <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-C-550    | <b>4.00</b>                      | 102 | <b>8.00</b>                          | 203 | <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-C-650    | <b>5.00</b>                      | 127 | <b>9.00</b>                          | 229 | <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-C-750    | <b>6.00</b>                      | 152 | <b>10.50</b>                         | 267 | <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-C-850    | <b>7.00</b>                      | 178 | <b>12.00</b>                         | 305 | <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-C-950    | <b>8.00</b>                      | 203 | <b>13.50</b>                         | 343 | <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-C-1000   | <b>10.00</b>                     | 254 | <b>16.50</b>                         | 419 | <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-C-1200   | <b>12.00</b>                     | 305 | <b>19.50</b>                         | 495 | <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-C Adjustable Height AutoCAD file for individual system drawings.

### LOAD TABLE

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

Note: The SSC-C 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.



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### Split Slab Membrane with Cover Plate System

## SSC-C Adjustable Height Series (250-1200)

Drawn by:  
LRM

Scale:  
NTS

Drawing Number:

SHT. 3 OF 4

Issue Date:  
07/10/2025

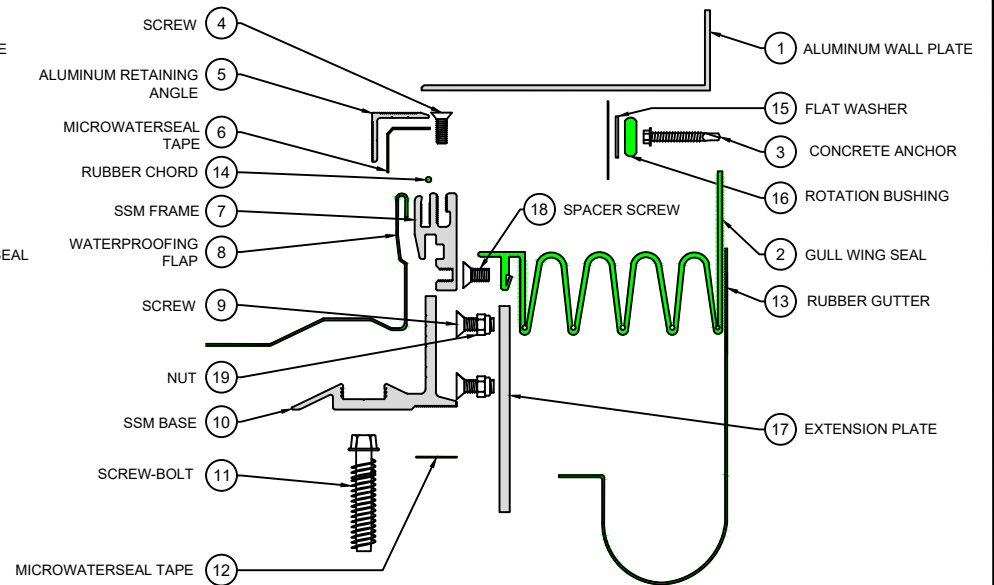
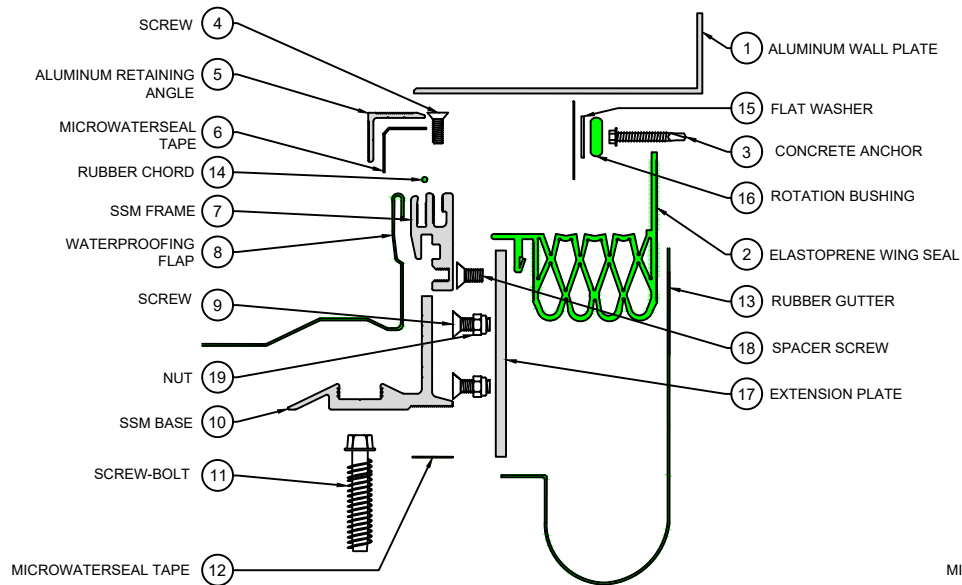
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## EXPLODED VIEW ▲

## PART NUMBERS ▼

| Locator | Part Component           | SSC-C-250-AH              | SSC-C-350-AH              | SSC-C-450-AH              | SSC-C-550-AH              | SSC-C-650-AH              | SSC-C-750-AH              | SSC-C-850-AH              | SSC-C-950-AH              | SSC-C-1000-AH             | SSC-C-1200-AH             | Frame Height | Base Frame |
|---------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------|------------|
| 1       | Aluminum Wall Plate      | WAAA-AM-10-05<br>00-00-18 | WAAA-AM-10-06<br>00-00-18 | WAAA-AM-10-07<br>00-00-18 | WAAA-AM-10-08<br>00-00-18 | WAAA-AM-10-09<br>00-00-18 | WAAA-AM-10-10<br>08-00-18 | WAAA-AM-10-12<br>00-00-18 | WAAA-AM-10-13<br>08-00-18 | WAAA-AM-10-16<br>08-00-18 | WAAA-AM-10-19<br>08-00-18 | 3.25"        | 7431#0200  |
| 2       | Elastoprene Wing Seal    | 8389-65                   | 8390-65                   | 8391-65                   | 8392-65                   | AA-0002                   | AA-0002                   | AA-0002                   | AA-0002                   | AA-0002                   | AA-0002                   | 3.50"        | 7431#0204  |
| 3       | Concrete Anchor          | 9402                      | 9402                      | 9402                      | 9402                      | 9402                      | 9402                      | 9402                      | 9402                      | 9402                      | 9402                      | 3.75"        | 7431#0208  |
| 4       | Screw                    | 9382                      | 9382                      | 9382                      | 9382                      | 9382                      | 9382                      | 9382                      | 9382                      | 9382                      | 9382                      | 4.00"        | 7431#0212  |
| 5       | 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                 | 4.25"        | 7431#0300  |
| 6       | Microwaterseal Tape      | Microwaterseal30X<br>2    | Microwaterseal30X<br>2    | Microwaterseal30X<br>2    | Microwaterseal30X<br>2    | Microwaterseal30X<br>2    | Microwaterseal30X<br>2    | Microwaterseal30X<br>2    | Microwaterseal30X<br>2    | Microwaterseal30X<br>2    | Microwaterseal30X<br>2    | 4.50"        | 7431#0304  |
| 7       | SSC Frame                | 8346                      | 8346                      | 8346                      | 8346                      | 8346                      | 8346                      | 8346                      | 8346                      | 8346                      | 8346                      | 4.75"        | 7431#0308  |
| 8       | Waterproofing Flap       | 9118-12                   | 9118-12                   | 9118-12                   | 9118-12                   | 9118-12                   | 9118-12                   | 9118-12                   | 9118-12                   | 9118-12                   | 9118-12                   | 5.00"        | 7431#0312  |
| 9       | Screw                    | 9334                      | 9334                      | 9334                      | 9334                      | 9334                      | 9334                      | 9334                      | 9334                      | 9334                      | 9334                      | 5.25"        | 7431#0400  |
| 10      | SSC Base                 | See Base Frame<br>Chart   | See Base Frame<br>Chart   | See Base Frame<br>Chart   | See Base Frame<br>Chart   | See Base Frame<br>Chart   | See Base Frame<br>Chart   | See Base Frame<br>Chart   | See Base Frame<br>Chart   | See Base Frame<br>Chart   | See Base Frame<br>Chart   | 5.50"        | 7431#0404  |
| 11      | Screw-Bolt               | 7420                      | 7420                      | 7420                      | 7420                      | 7420                      | 7420                      | 7420                      | 7420                      | 7420                      | 7420                      | 5.75"        | 7431#0408  |
| 12      | Microwaterseal Tape      | Microwaterseal60X<br>1    | Microwaterseal60X<br>1    | Microwaterseal60X<br>1    | Microwaterseal60X<br>1    | Microwaterseal60X<br>1    | Microwaterseal60X<br>1    | Microwaterseal60X<br>1    | Microwaterseal60X<br>1    | Microwaterseal60X<br>1    | Microwaterseal60X<br>1    | 6.00"        | 7431       |
| 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      | Flat Washer              | 8312-1/4                  | 8312-1/4                  | 8312-1/4                  | 8312-1/4                  | 8312-1/4                  | 8312-1/4                  | 8312-1/4                  | 8312-1/4                  | 8312-1/4                  | 8312-1/4                  |              |            |
| 16      | Rotation Bushing         | 9455                      | 9455                      | 9455                      | 9455                      | 9455                      | 9455                      | 9455                      | 9455                      | 9455                      | 9455                      |              |            |
| 17      | Extension Plate          | Project Specific          | Project Specific          | Project Specific          | Project Specific          | Project Specific          | Project Specific          | Project Specific          | Project Specific          | Project Specific          | Project Specific          |              |            |
| 18      | Spacer Screw             | 9348                      | 9348                      | 9348                      | 9348                      | 9348                      | 9348                      | 9348                      | 9348                      | 9348                      | 9348                      |              |            |
| 19      | Nut                      | 9177                      | 9177                      | 9177                      | 9177                      | 9177                      | 9177                      | 9177                      | 9177                      | 9177                      | 9177                      |              |            |



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## Split Slab Membrane with Cover Plate System

## SSC-C Adjustable Height Series

Drawn by:

LRM

Scale:

NTS

Drawing Number:

SHT. 4 OF 4

Issue Date:

07/10/2025

41250-02