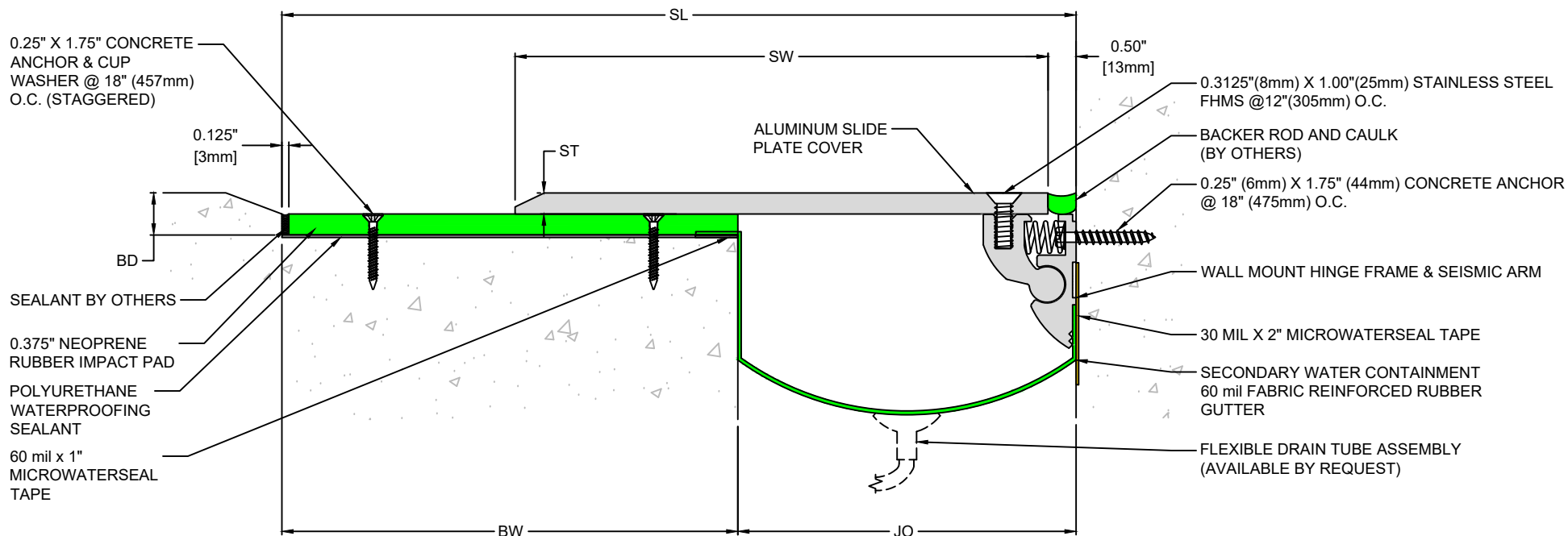




NOTE:

1. STD. DRAWING SHOWS MILL FINISH ON COVER PLATE. OTHERS AVAILABLE.
2. COVER MAINTAINS 1" BEARING ON RUBBER PAD AT SEISMIC MAXIMUM.

**AID-C Series Expansion Joint
Sizes 200 through 1000
(Slab-to-Wall)**



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Aluminum Impact Damping System

AID-C Series (200-1000)

Drawn by: LRM	Scale: NTS	Drawing Number:
SHT. 1 OF 4	Issue Date: 01/07/2025	31950-02

AID-C SERIES EXPANSION JOINT MOVEMENT CHART

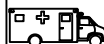
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate		Slide Plate Width		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement		Thickness (ST)		(SW)					
AID-C-200	2.00	51	6.125	156	2.00	51	3.00	76	1.00	25	3.00	76	2.00	51	0.375	10	4.00	102	4.125	105	0.750	19
AID-C-300	3.00	76	8.125	206	2.00	51	4.50	114	1.50	38	4.50	114	3.00	76	0.375	10	5.50	140	5.125	130	0.750	19
AID-C-400	4.00	102	10.125	257	2.00	51	6.00	152	2.00	51	6.00	152	4.00	101	0.375	10	7.00	178	6.125	156	0.750	19
AID-C-500	5.00	127	12.125	308	3.00	76	7.00	178	2.50	76	7.50	191	5.00	127	0.375	10	8.50	216	7.125	181	0.750	19
AID-C-600	6.00	152	14.125	359	4.00	102	8.00	203	3.00	102	9.00	229	6.00	152	0.375	10	10.00	254	8.125	206	0.750	19
AID-C-700	7.00	178	16.125	410	5.00	127	9.00	229	3.50	127	10.50	267	7.00	177	0.375	10	11.50	292	9.125	232	0.750	19
AID-C-800	8.00	203	18.125	460	6.00	152	10.00	254	4.00	152	12.00	305	8.00	203	0.375	10	13.00	330	10.125	257	0.750	19
AID-C-900	9.00	229	20.125	511	7.00	178	11.00	279	4.50	178	13.50	343	9.00	228	0.375	10	14.50	368	11.125	283	0.750	19
AID-C-1000	10.00	254	22.125	562	8.00	203	12.00	305	5.00	203	15.00	381	10.00	254	0.375	10	16.00	406	12.125	308	0.750	19

Dimension shown in **inches** (bold) and millimeters. Refer to the AID-C AutoCAD file for individual system drawings.

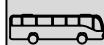
LOAD TABLE



Auto (Low Speed)



Emergency Vehicle (Low Speed)



Bus (Low Speed)

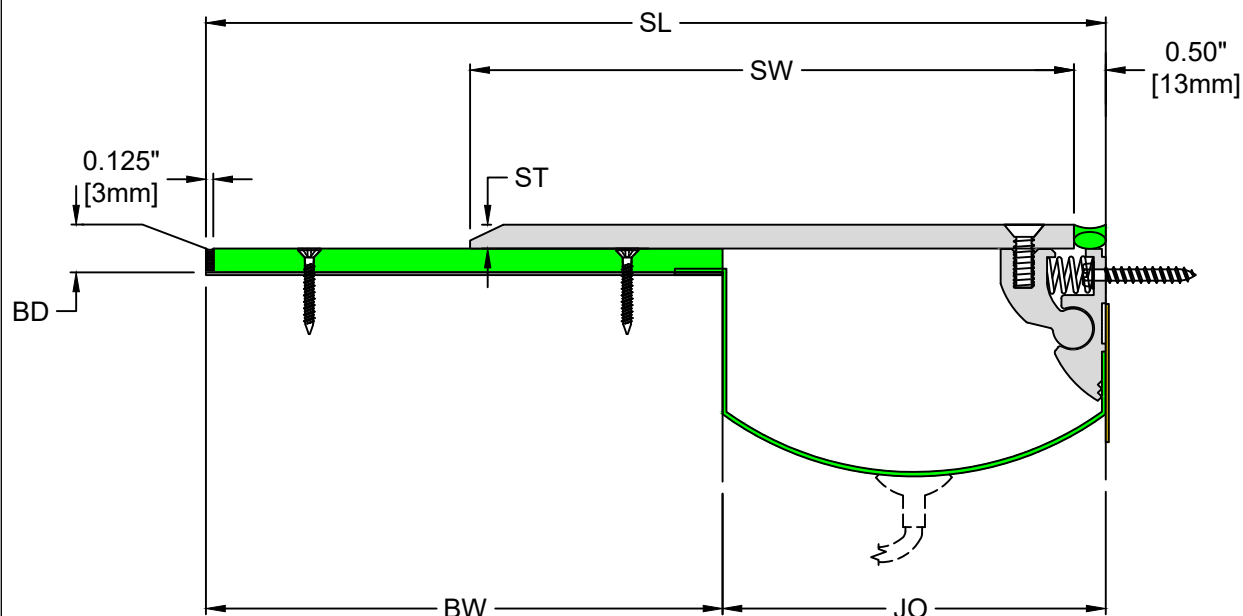


Forklift



Scissor Lift

Note: The AID-C loading capabilities shown above are based upon average 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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Aluminum Impact Damping System

AID-C Series (200-1000)

Drawn by:
LRM

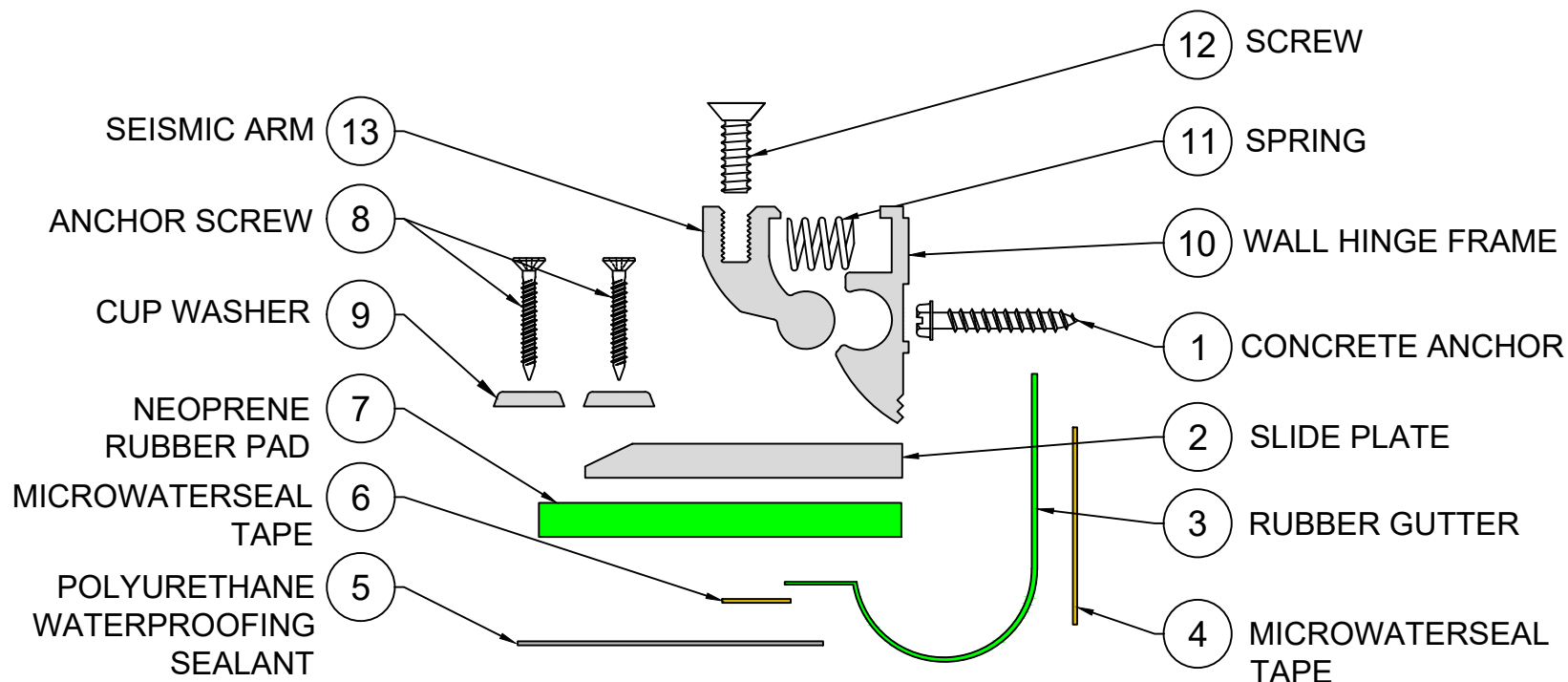
Scale:
NTS

Drawing Number:

SHT. 2 OF 4

Issue Date:
01/07/2025

31950-02



EXPLODED VIEW ▲

▼ PART NUMBERS

Locator	Part Component	AID-C-200	AID-C-300	AID-C-400	AID-C-500	AID-C-600	AID-C-700	AID-C-800	AID-C-900	AID-C-1000
1	Concrete Anchor	9397	9397	9397	9397	9397	9397	9397	9397	9397
2	Slide Plate	CPIE-AM-10-0308-02 -18	CPIE-AM-10-0508-02 -18	CPIE-AM-10-0608-02 -18	CPIE-AM-10-0800-02 -18	CPIE-AM-10-0908-02 -18	CPIE-AM-10-1100-02 -18	CPIE-AM-10-1208-02 -18	CPIE-AM-10-1408-02 -18	CPIE-AM-10-1508-02 -18
3	Rubber Gutter	9109-09	9109-10.5	9109-12	9109-13.5	9109-15	9109-16.5	9109-18	9109-19.5	9109-21
4	2" Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
5	Polyurethane Waterproofing Sealant	8393	8393	8393	8393	8393	8393	8393	8393	8393
6	1" Microwaterseal Tape	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1
7	Neoprene Rubber Pad	IMPACTPAD-4	IMPACTPAD-5	IMPACTPAD-6	IMPACTPAD-7	IMPACTPAD-8	IMPACTPAD-9	IMPACTPAD-10	IMPACTPAD-11	IMPACTPAD-12
8	Anchor Screw	9402	9402	9402	9402	9402	9402	9402	9402	9402
9	Cup Washer	9442	9442	9442	9442	9442	9442	9442	9442	9442
10	Wall Hinge Frame	8358	8358	8358	8358	8358	8358	8358	8358	8358
11	Spring	8317	8317	8317	8317	8317	8317	8317	8317	8317
12	Screw	9349-1	9349-1	9349-1	9349-1	9349-1	9349-1	9349-1	9349-1	9349-1
13	Seismic Arm	8357	8357	8357	8357	8357	8357	8357	8357	8357

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Aluminum Impact Damping System

AID-C Series (200-1000)

Drawn by:

LRM

Scale:

NTS

Drawing Number:

Issue Date:
01/07/2025

31950-02

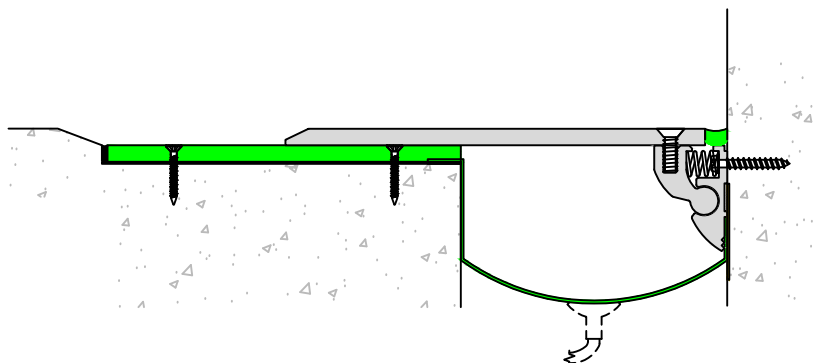
SHT. 3 OF 4



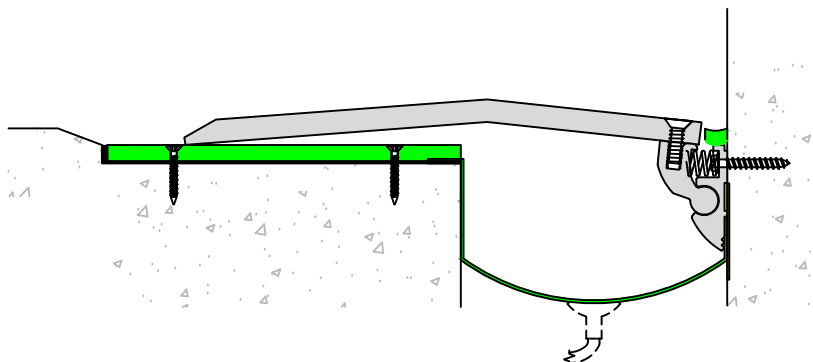
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AID-C Series Expansion Joint
Flat Cover
(Slab-to-Wall)



AID-C Series Expansion Joint
Convex Cover
(Slab-to-Wall)

PLATE FINISH OPTIONS



RAISED PATTERN (FLAT PLATES ONLY)



DIAMOND PATTERN



MILL FINISH



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Aluminum Impact Damping System

AID-C Series (200-1000)

Drawn by:

LRM

Scale:

NTS

Drawing Number:

SHT. 4 OF 4

Issue Date:
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