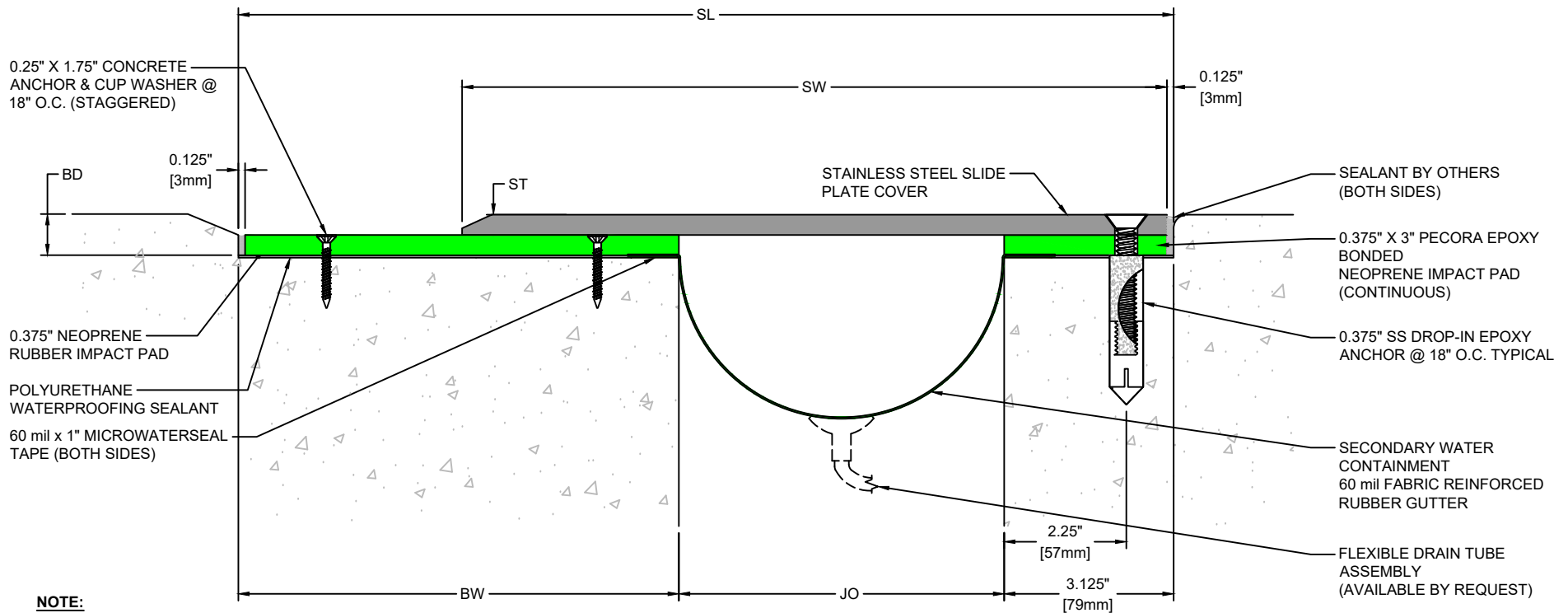




NOTE:
 1. STD. DRAWING SHOWS MILL FINISH ON COVER PLATE. OTHERS AVAILABLE.
 2. COVER MAINTAINS 1" BEARING ON RUBBER PAD AT SEISMIC MAXIMUM.

SID Series Expansion Joint Sizes 200 through 1000 (Slab-to-Slab)



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 706-824-7500 PHONE

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Stainless Impact Damping Cover

SID Series (200-1000)

Drawn by: LRM	Scale: NTS	Drawing Number:
SHT. 1 OF 4	Issue Date: 01/06/2025	31450-01

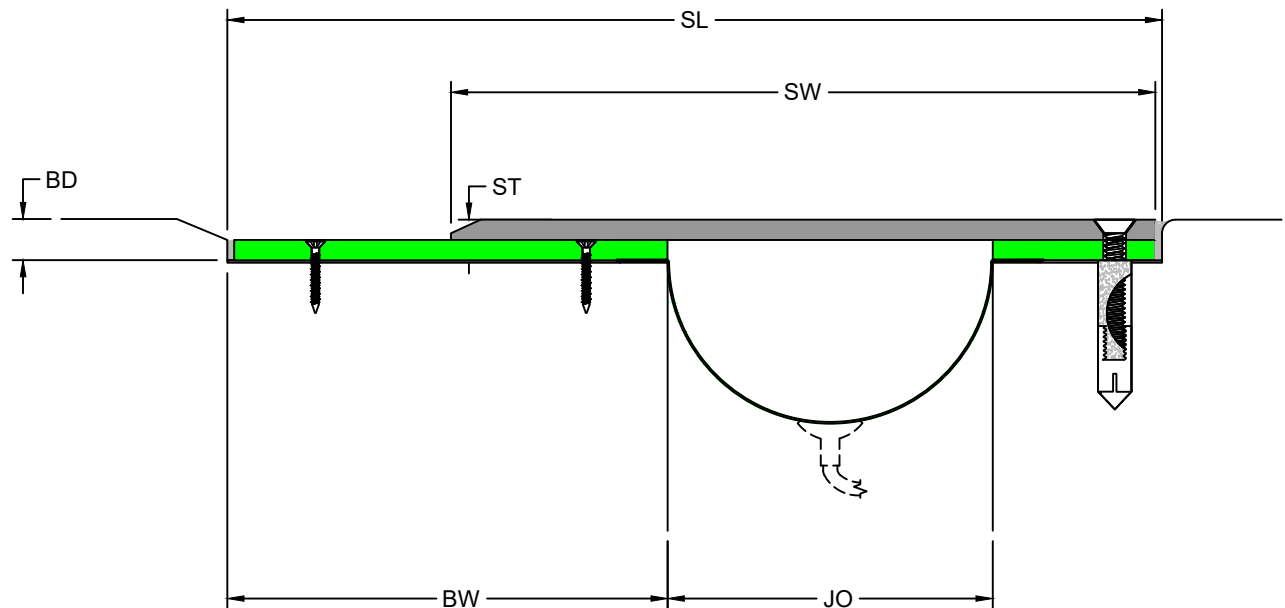
SID SERIES EXPANSION JOINT MOVEMENT CHART

Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate Thickness (ST)		Slide Plate Width (SW)		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement									
SID-200	2.00	51	9.25	235	1.00	25	3.00	76	1.00	25	3.00	76	2.00	51	0.375	10	7.00	178	4.125	105	0.750	19
SID-300	3.00	76	11.25	286	1.50	38	4.50	114	1.50	38	4.50	114	3.00	76	0.375	10	8.50	216	5.125	130	0.750	19
SID-400	4.00	102	13.25	337	2.00	51	6.00	152	2.00	51	6.00	152	4.00	101	0.375	10	10.00	254	6.125	156	0.750	19
SID-500	5.00	127	15.25	387	3.00	76	7.00	178	2.50	63	7.50	191	5.00	127	0.375	10	11.50	292	7.125	181	0.750	19
SID-600	6.00	152	17.25	438	4.00	102	8.00	203	3.00	76	9.00	229	6.00	152	0.375	10	13.00	330	8.125	206	0.750	19
SID-700	7.00	178	19.25	489	5.00	127	9.00	229	3.50	89	10.50	267	7.00	177	0.375	10	14.50	368	9.125	232	0.750	19
SID-800	8.00	203	21.25	540	6.00	152	10.00	254	4.00	101	12.00	305	8.00	203	0.375	10	16.00	406	10.125	257	0.750	19
SID-900	9.00	229	23.25	591	7.00	178	11.00	279	4.50	114	13.50	343	9.00	228	0.375	10	17.50	445	11.125	283	0.750	19
SID-1000	10.00	254	25.25	641	8.00	203	12.00	305	5.00	127	15.00	381	10.00	254	0.375	10	19.00	483	12.125	308	0.750	19

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

LOAD TABLE	
	ADA Compliant
	Auto (Low Speed)
	Emergency Vehicle (Low Speed)
	AASHTO HS20 (Low Speed)
	Bus (Low Speed)

Note: The SID 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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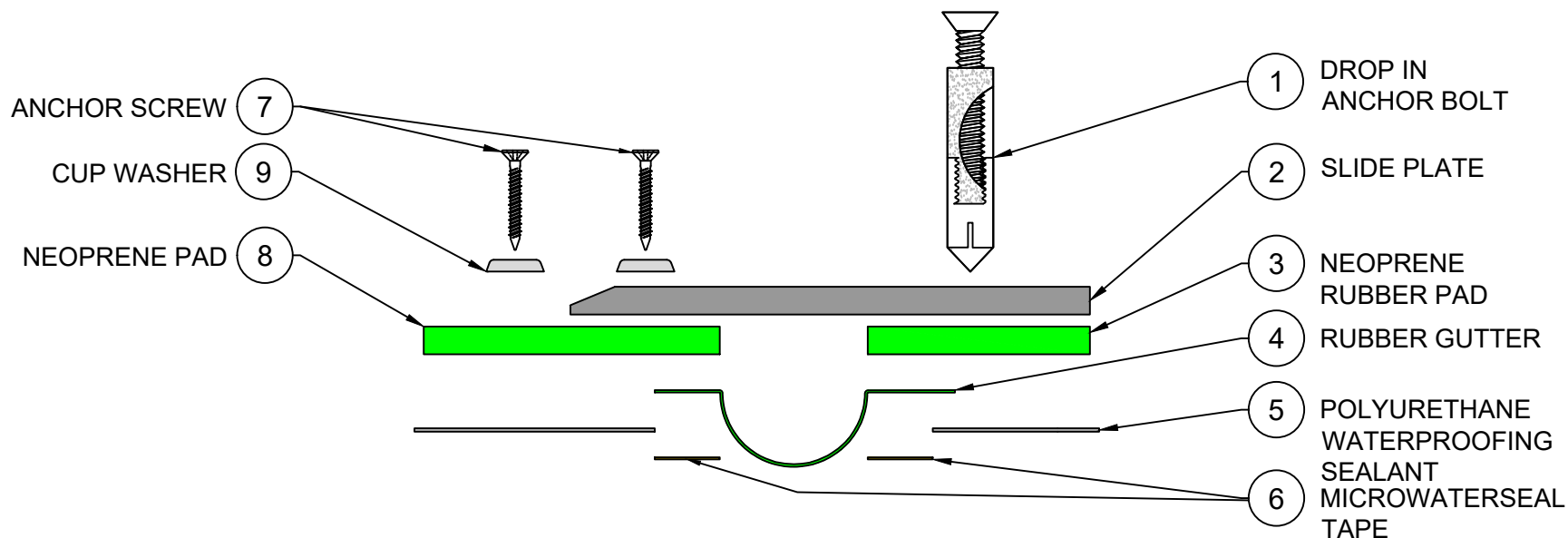
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Stainless Impact Damping Cover

SID Series (200-1000)

Drawn by: JRC	Scale: NTS	Drawing Number:
SHT. 2 OF 4	Issue Date: 01/06/2025	31450-01



EXPLODED VIEW ▲

▼ PART NUMBERS

Locator	Part Component	SID-200	SID-300	SID-400	SID-500	SID-600	SID-700	SID-800	SID-900	SID-1000
1	Anchor Bolt	9039	9039	9039	9039	9039	9039	9039	9039	9039
2	Slide Plate	CPIE-SP-10-0700-02-18	CPIE-SP-10-0808-02-18	CPIE-SP-10-1000-02-18	CPIE-SP-10-1108-02-18	CPIE-SP-10-1300-02-18	CPIE-SP-10-1408-02-18	CPIE-SP-10-1600-02-18	CPIE-SP-10-1708-02-18	CPIE-SP-10-1900-02-18
3	Neoprene Rubber Pad	IMPACTPAD-3	IMPACTPAD-3	IMPACTPAD-3	IMPACTPAD-3	IMPACTPAD-3	IMPACTPAD-3	IMPACTPAD-3	IMPACTPAD-3	IMPACTPAD-3
4	Rubber Gutter	9109-09	9109-10.5	9109-12	9109-13.5	9109-15	9109-16.5	9109-18	9109-19.5	9109-21
5	Polyurethane Waterproofing Sealant	8393	8393	8393	8393	8393	8393	8393	8393	8393
6	1" Microwaterseal Tape	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1
7	Anchor Screw	9406	9406	9406	9406	9406	9406	9406	9406	9406
8	NEOPRENE Rubber Pad	IMPACTPAD-4	IMPACTPAD-5	IMPACTPAD-6	IMPACTPAD-7	IMPACTPAD-8	IMPACTPAD-9	IMPACTPAD-10	IMPACTPAD-11	IMPACTPAD-12
9	Cup Washer	9442	9442	9442	9442	9442	9442	9442	9442	9442



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Stainless Impact Damping Cover

SID Series (200-1000)

Drawn by:

JRC

Scale:

NTS

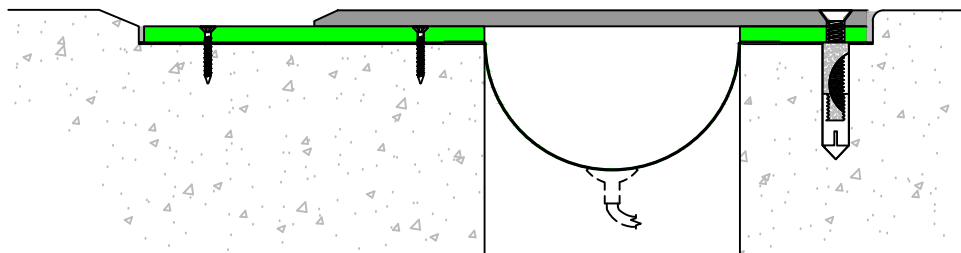
Drawing Number:

SHT. 3 OF 4

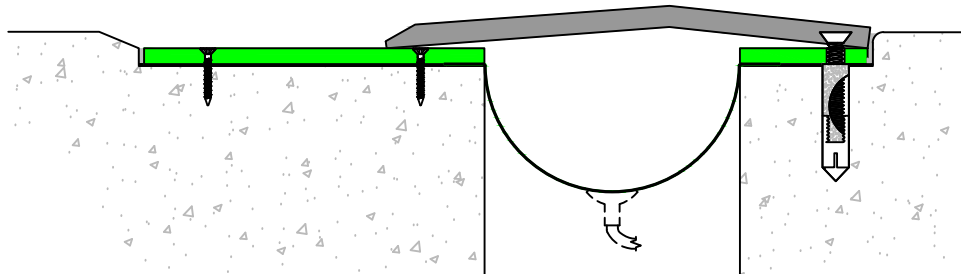
Issue Date:

01/06/2025

31450-01



SID Series Expansion Joint
Flat Cover
(Slab-to-Slab)



SID Series Expansion Joint
Convex Cover
(Slab-to-Slab)

PLATE FINISH OPTIONS



RAISED PATTERN (FLAT PLATES ONLY)



DIAMOND PATTERN



PEDI-GRIP (GLASS BEAD ABRADED)



MILL FINISH



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Stainless Impact Damping Cover

SID Series (200-1000)

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