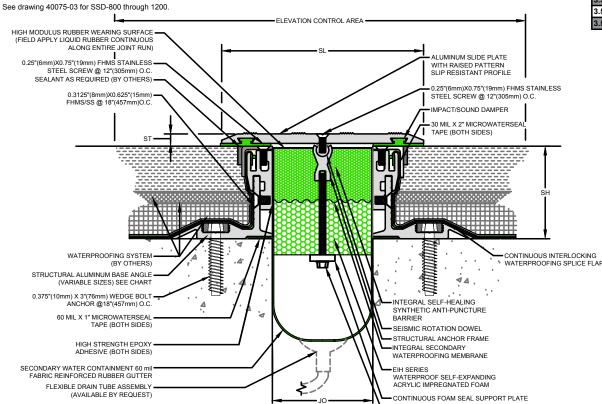
Model	Nom	inal	Nominal		Thermal Movement (JO ₁)				Seismic Movement (JOs)				Total (JO∆)		Slide Plate	
Number	(JC	D _N)	(SL	v)	Minin	num	Maxir	num	Minin	num	Maxir	num	Move	ment	Thickne	ess (ST)
SSD-400	4.00	102	8.00	203	2.00	51	6.00	152	1.33	34	6.00	152	4.67	119	0.375	10
SSD-500	5.00	127	11.00	279	2.50	64	7.50	191	1.67	42	7.50	191	5.83	148	0.375	10
SSD-600	6.00	152	11.00	279	3.00	76	9.00	229	2.00	51	9.00	229	7.00	178	0.375	10
SSD-700	7.00	178	14.00	356	3.50	89	10.50	267	2.33	59	10.50	267	8.17	208	0.375	10

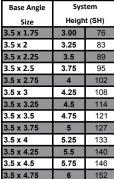
Dimension shown in inches (bold) and millimeters. JO = Joint Opening. SL = Sight Line. Color Options for rubber seals are Black or Special Order Gray.

Safety Max.- Safety Margin Movement capacity accommodates concrete shrinkage, vertical deflection and unexpected movement.

Waterproofing Membrane Compatibility - confirm with membrane manufacturer grade of rubber to be used on waterproofing splice flap.

Elevation Control Area - Surface areas two feet on each side of the expansion joint opening shall have identical elevations creating flush slab-to-slab transition.







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SSD Expansion Joint (Slab-to-Slab)

0.25"[6mm] SUPPORT BOLT

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Split Slab Dual Seismic Foam Seal Expansion Joint SSD-400 through 700 Series

 Drawn by:
 Scale:

 DMW
 NTS

 SHT. 1 OF 4
 Issue Date:

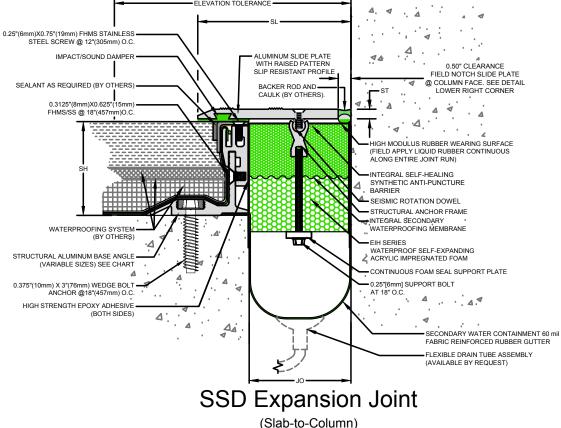
 06-23-2017

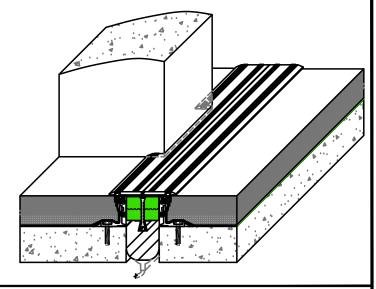
40075-01

Drawing Number:

Model Number	Nom (JC		Nominal (SL _N)		Thermal Movement (JO _T) Minimum Maximum			Seismic Movement (JOs) Minimum Maximum				Total (JO∆) Movement		Slide Plate Thickness (ST)		
SSD-400	4.00	102	8.00	203	2.00	51	6.00	152	1.33	34	6.00	152	4.67	119	0.375	10
SSD-500	5.00	127	11.00	279	2.50	64	7.50	191	1.67	42	7.50	191	5.83	148	0.375	10
SSD-600	6.00	152	11.00	279	3.00	76	9.00	229	2.00	51	9.00	229	7.00	178	0.375	10
SSD-700	7.00	178	14.00	356	3.50	89	10.50	267	2.33	59	10.50	267	8.17	208	0.375	10

I SSD-400	I 4.00	102	8.00	203	2.00	51	6.00	152	1.33	34	6.00	152	4.67	119	I 0.375	10	3.3 X 1.73	0.00	70
			0.00														3.5 x 2	3.25	83
SSD-500	5.00	127	11.00	279	2.50	64	7.50	191	1.67	42	7.50	191	5.83	148	0.375	10	3.5 x 2.25	3.5	89
CCD C00	6.00	452	11.00	270	2.00	7.0	0.00	220	2.00	F.1	0.00	220	7.00	470	0.075	40	3.5 x 2.5	3.75	95
SSD-600	6.00	152	11.00	279	3.00	76	9.00	229	2.00	51	9.00	229	7.00	178	0.375	10	3.5 x 2.75	4	102
SSD-700	7.00	178	14.00	356	3.50	89	10.50	267	2.33	59	10.50	267	8.17	208	0.375	10	3.5 x 3	4.25	108
																	3.5 x 3.25	4.5	114
Dimension show		. ,											Gray.				3.5 x 3.5	4.75	121
Safety Max Safety Margin Movement capacity accommodates concrete shrinkage, vertical deflection and unexpected movement. Waterproofing Membrane Compatibility - confirm with membrane manufacturer grade of rubber to be used on waterproofing splice flap.											3.5 x 3.75	5	127						
•	•						·				•	•	•				3.5 x 4	5.25	133
Elevation Cor					ach side of	the expa	insion joint	opening :	shall have	identical e	elevations o	reating flu	ush slab-to	-slab trans	sition.		3.5 x 4.25	5.5	140
See drawing 4	10075-03	for SSD-8	300 through	1200.													3.5 x 4.5	5.75	146
		1_		EL EV	ATION TOLE	DANCE			_1								3.5 x 4.75	6	152
m)X0.75"(19mm) FHMS STAINLESS———————————————————————————————————																			







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Split Slab Dual Seismic Foam Seal Expansion Joint

SSD-400 through 700 Series

Drawn by:	Scale:	Drawing Number:
DMW	NTS	Drawing Hamber.
SHT. 2 OF 4	Issue Date: 06-23-2017	40075

Base Angle

System Height (SH)

40075-01

Model	Nom	inal	Nominal		Thermal Movement (JO₁)				Seismic Movement (JOs)				Total (JO∆)		Slide Plate	
Number	(JC	D _N)	(SL	N)	Minir	num	Maxii	num	Minin	num	Maxir	mum	Move	ment	Thickne	ess (ST)
SSD-400	4.00	102	8.00	203	2.00	51	6.00	152	1.33	34	6.00	152	4.67	119	0.375	10
SSD-500	5.00	127	11.00	279	2.50	64	7.50	191	1.67	42	7.50	191	5.83	148	0.375	10
SSD-600	6.00	152	11.00	279	3.00	76	9.00	229	2.00	51	9.00	229	7.00	178	0.375	10
SSD-700	7.00	178	14.00	356	3.50	89	10.50	267	2.33	59	10.50	267	8.17	208	0.375	10

Dimension shown in inches (bold) and millimeters. JO = Joint Opening. SL = Sight Line. Color Options for rubber seals are Black or Special Order Gray.

Safety Max.- Safety Margin Movement capacity accommodates concrete shrinkage, vertical deflection and unexpected movement.

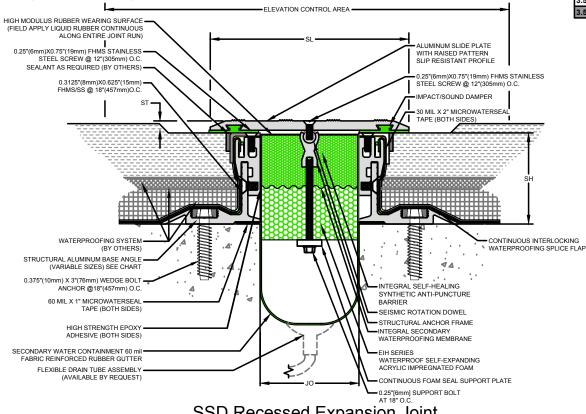
Waterproofing Membrane Compatibility - confirm with membrane manufacturer grade of rubber to be used on waterproofing splice flap.

Elevation Control Area - Surface areas two feet on each side of the expansion joint opening shall have identical elevations creating flush slab-to-slab transition. See drawing 40075-03 for SSD-800 through 1200.

Size	Heigh	t (SH)
3.5 x 1.75	3.00	76
3.5 x 2	3.25	83
3.5 x 2.25	3.5	89
3.5 x 2.5	3.75	95
3.5 x 2.75	4	102
3.5 x 3	4.25	108
3.5 x 3.25	4.5	114
3.5 x 3.5	4.75	121
3.5 x 3.75	5	127
3.5 x 4	5.25	133
3.5 x 4.25	5.5	140
3.5 x 4.5	5.75	146
3.5 x 4.75	6	152

System

Base Angle



SSD Recessed Expansion Joint

(Slab-to-Slab)



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Split Slab Dual Seismic Foam Seal Expansion Joint

SSD-400 through 700 Recessed Series

Drawn by:	Scale:
DMW	NTS
SHT. 3 OF 4	Issue Date: 06-23-2017

Drawing Number:

40075-01

Model	Nom	inal	Nominal		Thermal Movement (JO _T)				Seismic Movement (JOs)				Total (JO∆)		Slide Plate	
Number	(JC	N)	(SL	v)	Minir	num	Maxir	num	Minin	num	Maxir	num	Move	ment	Thickne	ess (ST)
SSD-400	4.00	102	8.00	203	2.00	51	6.00	152	1.33	34	6.00	152	4.67	119	0.375	10
SSD-500	5.00	127	11.00	279	2.50	64	7.50	191	1.67	42	7.50	191	5.83	148	0.375	10
SSD-600	6.00	152	11.00	279	3.00	76	9.00	229	2.00	51	9.00	229	7.00	178	0.375	10
SSD-700	7.00	178	14.00	356	3.50	89	10.50	267	2.33	59	10.50	267	8.17	208	0.375	10

Dimension shown in inches (bold) and millimeters. JO = Joint Opening. SL = Sight Line. Color Options for rubber seals are Black or Special Order Gray.

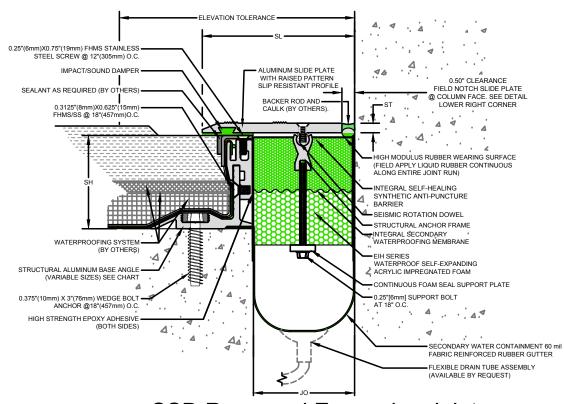
Safety Max.- Safety Margin Movement capacity accommodates concrete shrinkage, vertical deflection and unexpected movement.

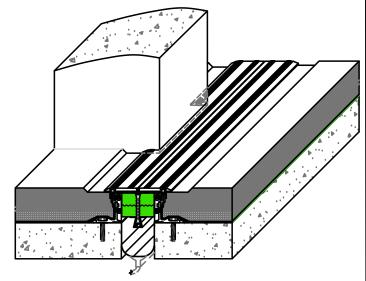
Waterproofing Membrane Compatibility - confirm with membrane manufacturer grade of rubber to be used on waterproofing splice flap.

Elevation Control Area - Surface areas two feet on each side of the expansion joint opening shall have identical elevations creating flush slab-to-slab transition.

See drawing 40075-03 for SSD-800 through 1200.

Base Angle	Syst	tem
Size	Heigh	t (SH)
3.5 x 1.75	3.00	76
3.5 x 2	3.25	83
3.5 x 2.25	3.5	89
3.5 x 2.5	3.75	95
3.5 x 2.75	4	102
3.5 x 3	4.25	108
3.5 x 3.25	4.5	114
3.5 x 3.5	4.75	121
3.5 x 3.75	5	127
3.5 x 4	5.25	133
3.5 x 4.25	5.5	140
3.5 x 4.5	5.75	146
3.5 x 4.75	6	152





SSD Recessed Expansion Joint

(Slab-to-Column)



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Split Slab Dual Seismic Foam Seal Expansion Joint

SSD-400 through 700 Recessed Series

M	Drawn by:	Scale:
	DMW	NTS
t	SHT. 4 OF 4	Issue Date: 06-23-2017

Drawing Number:

40075-01