

SCDOT QPL15 - Drainage Structures Miscellaneous Components

December 3, 2024

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(CA) Use only in Controlled Access areas. (B) Use where Bicycle grate required. (ADA) Use when ADA compliant grate required. * indicates single piece of complete assembly (*).

	STD. DRAWING	ABT. INC.	ACO	AMERICAN HIGHWAY PRODUCTS LTD.	C. RAY MILES CONSTR. CO. INC.	CRETEX SPECIALTY PRODUCTS	EJ (Formerly EJW, East Jordan Iron Works)	EMERALD WELDING INC.	ERIC'SONS DURATRENCH	MANHOLE SYSTEMS INC.	MID ATLANTIC DRAINAGE	MORTON METALCRAFT CO.	NEENAH	RANDOLPH TECHNOLOGY, INC.	SMP STEEL CO.	U.S. FOUNDRY	ZURN	RimRiser	Darby Metalworks, Inc.	FJ Turner Co.	Terrance Hanse
		PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #
CATCH BASINS																					
CATCH BASIN Type 1																					
CB 1 ASSEMBLY w SCDOT Logo (*)	719-001-xx						44069231B02									5125-6174					
CB 1 FRAME only*	719-001-xx						44069010									5125					
CB 1 GRATE only* (B)	719-001-xx						44069231									6174					
CB 1 HOOD only (w SCDOT LOGO)*	719-001-xx						44069165									5127					
CB 1 Assembly (NO LOGO) - outside ROW	719-001-xx						44069231B04									5127					
CATCH BASIN Type 15																					
CB 15 ASSEMBLY(*)							44825208									4649-6264					
CB 15 FRAME*	719-015-xx						44825211									4649					
CB 15 GRATE (CA)*	719-015-xx						44825203									6264					
CB 15 CUSTOM STEEL RISER																Stl Adj Riser for 4649					
CATCH BASIN Type 25																					
CB 25 ASSEMBLY w 2" riser (*)	F719-025-01															4642-6042					
CB 25 FRAME*	F719-025-01						00542811									4642 (Rev0, 2015)					
CB 25 RISER 2"	F719-025-01						00542891A01									8080055					
CB 25 GRATE (CA) *	F719-025-01						00542831									6042 (Rev3, 2018)					
CB 25 BICYCLE STEEL GRATE (B)	Custom						00542840									840.38					
CB 25 ADA STEEL GRATE (ADA)	Custom						00542841									available preorder					
CB 25 RISER 3"	F719-025-01						00542893									808056					
CB 25 RISER 7" STEEL	F719-025-01						NPR15-2043									Stl Adj Riser for 4642					

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		PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #
DROP INLETS																					
DROP INLET 24x24 (2x2)																					
DI 24x24 ASSEMBLY(*)							45324001									4171-6249					
DI 24x24 FRAME*	719-105-xx						45324111									4171					
DI 24x24 GRATE* (B)	719-105-xx						45324030									6249					
DI 24X24 RISER							NPR16-1425(A/B)									Stl Adj Riser for 4171					
DROP INLET 24x36 (2x3)																					
DI 24x36 ASSEMBLY(*)	719-110-xx						45360001									4138-6218					
DI 24x36 FRAME*	719-110-xx						45360111									4138					
DI 24x36 GRATE* (B)	719-110-xx						45360030									6218					
DI 24X36 STEEL RISER							NPR16-1426(A/B)									Stl Adj Riser for 4138					
DROP INLET 112 (Formerly Catch Basin Type 12)																					
DI 112S PAINTED STEEL ASSEMBLY(*)	719-112-xx						SCDOT-12ASY									DWG #80355					
DI 112S PAINTED STEEL FRAME*	719-112-xx					GRANDFATHERED	SCDOT-12F	GRANDFATHERED			GRANDFATHERED	GRANDFATHERED			GRANDFATHERED	DWG #80355					X
DI 112S PAINTED STEEL GRATE (CA)*	719-112-xx					GRANDFATHERED	SCDOT-12G	GRANDFATHERED			GRANDFATHERED	GRANDFATHERED			GRANDFATHERED	DWG #80355					X
DROP INLET 115																					
Type 115 (Maintenance Only, use DI 125 on new construction)																					
DROP INLET 125																					
Type 125 (Same parts as CB 25)																					
DI 125 ASSEMBLY w 2" riser (*)	F719-025-01															4642-6042					
DI 125 (SINGLE) FRAME *	719-125-01						00542811									4642 (Rev0, 2015)					
DI 125 (SINGLE) GRATE (CA) *	719-125-01						00542831									6042 (Rev3, 2018)					
DI 125 (SINGLE) 2" RISER *	719-125-01						00542891A01									8080055					
DI 125 BICYCLE STEEL GRATE (B)	719-125-01						00542840									840.38					
DI 125 ADA STEEL GRATE (ADA)	719-125-01						00542841									available preorder					
DI 125 RISER 3"	F719-025-01						00542893									808056					
DI 125 RISER 7" STEEL	F719-025-01						NPR15-2043									Stl Adj Riser for 4642					

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TRENCH DRAINS																					
4" TRENCH DRAIN																					
TD04 FRAME*	719-205-xx								HDBP												
TD04 GRATE* (B)	719-205-xx	2502							05B24DI												
TD04ADA FRAME*	719-205-xx																				
TD04ADA GRATE* (ADA)	719-205-xx		Optional						05C24DI												
TD (TROUGH)*																					
4" TRENCH DRAIN ASSEMBLY(*)		Polydrain	Powerdrain S100k						DTPF4								Z886-HDG				
12" TRENCH DRAIN																					
TD12 FRAME*	719-215-xx								HDBP												
TD12 GRATE* (B)	719-215-xx								14B24DI												
TD12ADA FRAME*	719-215-xx																				
TD12ADA GRATE* (ADA)	719-215-xx	Optional	Optional						14C24DI												P12-DGC
TD (TROUGH)*	719-215-xx																				
12" TRENCH DRAIN ASSEMBLY(*)	719-215-xx	Polydrain MHD-12	Powerdrain S300k						DTPF12								Z882-HDG				

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		PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #	PART #
ACCESS STRUCTURES (MANHOLE OPENINGS)																					
Manhole Light Duty																					
MHLD ASSEMBLY w SCDOT LOGO (*)							41860125A01									1258-PY					
MHLD RING only*	719-510-xx															1258					
MHLD COVER (w SCDOT LOGO)* (ADA)	719-510-xx						41860125									PY					
MHLD ASSEMBLY (NO LOGO - outside ROW)	719-510-xx						41860121A01									1258-BD					
use SCDOT logo only on storm drainage owned and maintained by SCDOT.																					
Manhole Heavy Duty																					
MHHD ASSEMBLY w SCDOT LOGO (*)							41301041A01									678-PZ					
MHHD BASE RING only*	719-505-xx						41301010									678					
MHHD BASE RING only* (compatible with RimRiser)	719-505-xx															678-RMR					
MHHD COVER (w SCDOT LOGO)* (ADA)	719-505-xx						41301041									PZ					
MHHD ASSEMBLY (NO LOGO - outside ROW)	719-505-xx						41301122A01									678-KM					
RimRiser (Currently only compatible with US Foundry MHHD BASE RING Part #: 678-RMR)																					
3" SCREW (MAX ELEVATION ADJUSTMENT = 1.875")																				RR-0058-3	
4" SCREW (MAX ELEVATION ADJUSTMENT = 2.875")																				RR-0058-4	
5" SCREW (MAX ELEVATION ADJUSTMENT = 3.75")																				RR-0034-5	
Manhole Heavy Duty (Internal Riser Rings) - Can be placed between existing base ring and cover.																					
MHHD 1.0" INTERNAL RISER RING FIXED							M7232510102A steel														
MHHD 1.25" INTERNAL RISER RING FIXED							M1232510134A steel														
MHHD 1.5" INTERNAL RISER RING FIXED							M1232510152A steel			GRANDFATHERED						2337					
MHHD 2.0" INTERNAL RISER RING FIXED							M1232510202A steel														
MHHD 2.5" INTERNAL RISER RING FIXED							M1232510252A steel														
MHHD 3.0" INTERNAL RISER RING FIXED							M1232510302A steel														
MHHD 4.0" INTERNAL RISER RING FIXED							M1232510402A steel														
MHHD 6.0" INTERNAL RISER RING FIXED							M1232510602A steel														
MHHD INTERNAL RISER RING STEEL ADJUSTABLE																					
								AHP CUSTOM PART #													
Manhole Light Duty (Composite Internal Riser Rings) - Can be placed between existing base ring and cover.																					
MHLD 1.0" INTERNAL RISER																					24-1
MHLD 1.5" INTERNAL RISER																					24-1.5
MHLD 2.0" INTERNAL RISER																					24-2
Manhole Heavy Duty (Composite Internal Riser Rings) - Can be placed between existing base ring and cover.																					
MHHD 1.0" INTERNAL RISER																					NO-1
MHHD 1.5" INTERNAL RISER																					NO-1.5
MHHD 2.0" INTERNAL RISER																					NO-2
Manhole Heavy Duty (Below Base Ring Risers) - Exiting cast iron base ring must be removed in order to install these risers.																					
ACCESS (PRO-RING) (Below MHHD Base Ring)																					
0.75" RISER (FINISH) composite (below Base)							34-24F-075														
1.00" RISER (FINISH) composite (below Base)							34-24F-100														
1.25" RISER (FINISH) composite (below Base)							34-24F-125														
1.50" RISER (FINISH) composite (below Base)							34-24F-150														
1.75" RISER (FINISH) composite (below Base)							34-24F-175														
2.00" RISER (FINISH) composite (below Base)							34-24F-200														
2.25" RISER (FINISH) composite (below Base)							34-24F-225														
2.50" RISER (FINISH) composite (below Base)							34-24F-250														
4.00" RISER (FINISH) composite (below Base)							34-24F-400														
6.00" RISER (FINISH) composite (below Base)							34-24F-600														
2.00" RISER (GRADE) composite (below Base)							34-24G-200														
4.00" RISER (GRADE) composite (below Base)							34-24G-400														
6.00" RISER (GRADE) composite (below Base)							34-24G-600														
1.00" RISER (ANGLE) composite (below Base)							34-24A-100														
ACCESS (Infra-Riser Flat) composite (Below Base)																					
XXXX" Infra-Riser Flat composite (Below Base)							IC2434FXXXXF														
ACCESS (Infra-Riser Tapered) composite (Below Base)							IC2434TXXXXXF														
XXXX For Infra-Riser part number, indicates thickness designation or taper geometry (available from 0.25 to 3.00 inch thickness). Manufacturer requires Loctite X3 construction polyurethane to be used with this product.																					
PIPE END TREATMENTS																					
Pipe End Safety Structure PESS (steel)																					
PESS PAINTED STEEL FRAME*	719-615-xx						EJ									US Foundry					DMWKS
PESS PAINTED STEEL GRATE* (CA)	719-615-xx						EJ									US Foundry					DMWKS
PESS PAINTED STEEL ASSEMBLY(*)	719-615-xx						EJ									US Foundry					DMWKS

SCDOT Qualified Product List 15 - Drainage Structure Miscellaneous Components					
December 3, 2024					
Company	Contact Name	Email	Phone #	Alternate Phone	
American Highway Products LTD.	Jason Downing	jdowning@ahp1.com	1-888-272-2397		
C. Ray Miles Constr Co, Inc.			803-771-6950	803-438-9207	
Cretex Specialty Products	David L McArthur & Lee Haessec	dlimcarthur@cretexseals.com	262-510-2713	908-227-0886	
EJ	Keith Taylor	keith.taylor@ejco.com	910-995-3032	800-638-1384	<i>Formerly East Jordan Iron Works</i>
Emerald Welding			864-229-0968		
Manhole Systems Inc.			216-475-0944		
Mid Atlantic Drainage			803-236-1133		
Morton Metalcraft Co.			864-369-1800		
Randolph Technology, Inc.			800-287-4040		
U.S. Foundry	Lorne Cook	lcook@usfoundry.com	704-309-0552	800-527-8380	<i>Includes Sumter Machinery</i>
RimRiser	Gabe Judah Matt Stiller	Gabe.judah@rimriser.com Matt.stiller@rimriser.com	360-833-2277		
Darby Metalworks, Inc	Tyler Babinski	tbabinski@darbymetalinc.com	864-225-6906		
Zurn			855-663-9876		
ACO, Inc.			800-543-4764		
ABT, Inc.			704-528-9806	866-748-6723	
Terrance Hanse	Terrance Hanse		843-246-6387		
Eric'sons DuraTrench	Joshua Sowa	jsowa@eric-sons.com	845-843-1781		
FJ Turner Co.	Frank Turner James Turner	ejt75@msn.com jamesfiturner@gmail.com	919-306-0505 919-604-9490		
PLEASE SEE SCDOT STANDARD DRAWINGS WEBSITE FOR INSTALLATION INSTRUCTIONS ON SOME QPL 15 PRODUCTS					