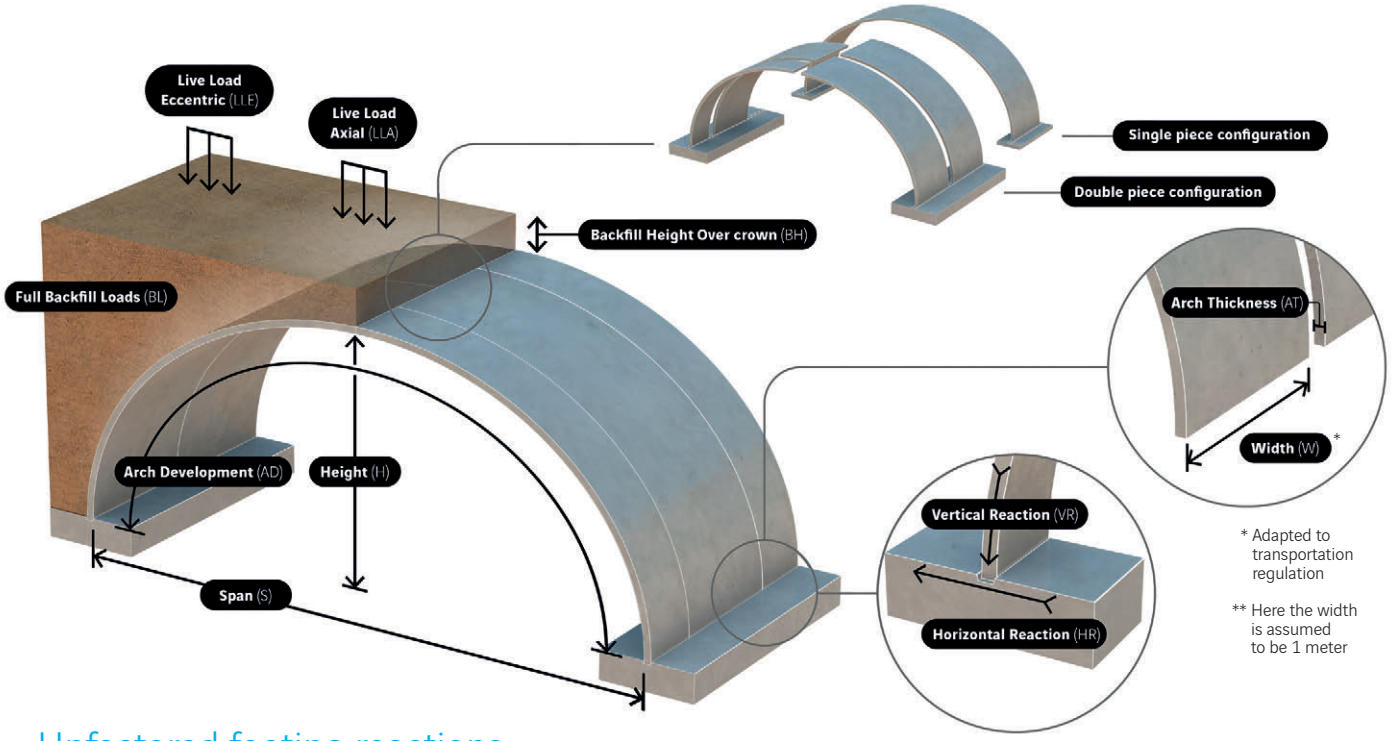
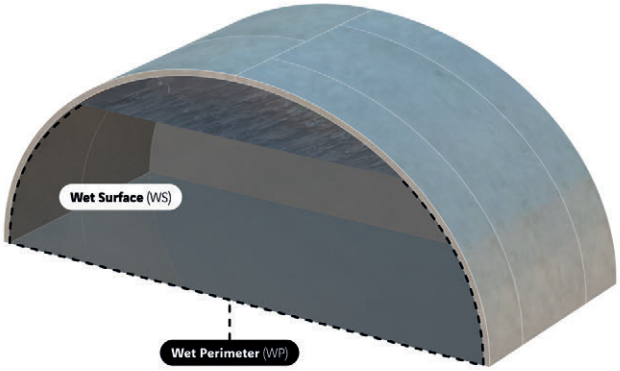
Main dimensions

Arch configuration (piece)	Double
Span - S (m)	8,93
Height - H (m)	3,50
Arch Thickness - AT (mm)	225
Arch Development - AD (m)	12,82
Element Weight per unit width (ton/m)	3,61





Hydraulic waterways

Wet surface - WS (m^2)	19,90
Wet perimeter* WP (m)	14,77

* dimensions given for 1 meter freeboard

Unfactored footing reactions

		Backfill height over crown (BH) - BH ≥ 1 m									
	Load combination	1 m		2 m		3 m		4 m		5 m	
		HR	VR	HR	VR	HR	VR	HR	VR	HR	VR
TS-F_900/D reactions (kN/m)	Arch SW*	19	39	19	39	19	39	19	39	19	39
	BL	31	205	65	310	99	416	132	522	165	627
	LLA	102	354	129	444	155	534	181	625	205	715
	LLE	117	408	136	482	157	558	178	639	202	722
	SH**	-1	209	73	329	138	454	193	582	239	714
	SV**	43	245	86	373	130	502	173	631	216	760

* Arch SW stands for arch self weight
** SH and SV stand for horizontal/vertical seismic inertial loads. Live loads excluded

Contact us to confirm compliance with local requirements