GLOBAL DEFENCE BARRIERS

TECHNICAL DATA SHEET

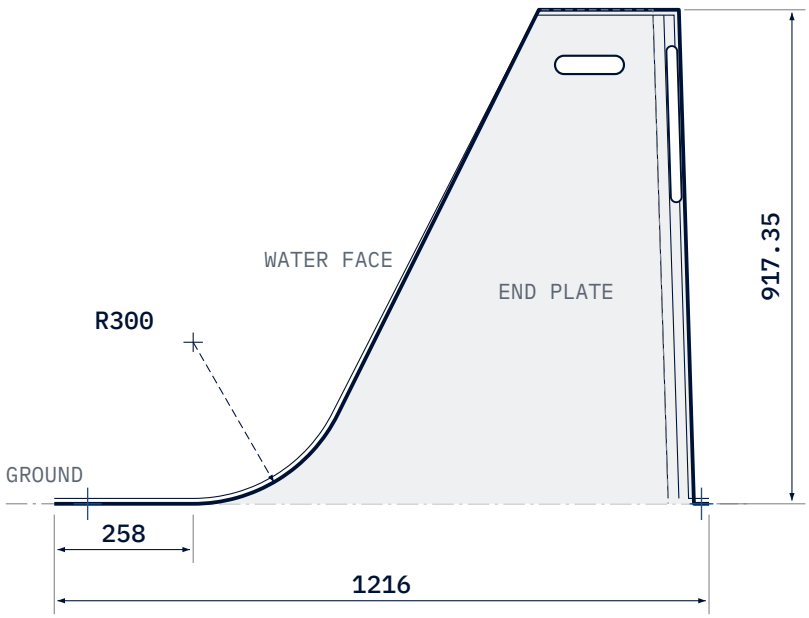
GDB-1

Telescopic rapid-deployment barrier — single unit

GDB-TDS-001
Rev A · Oct 2026

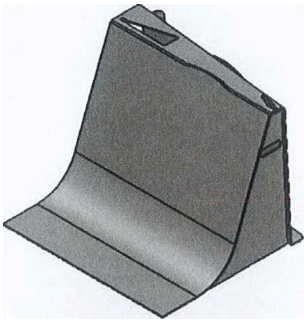
A — SIDE ELEVATION

SCALE NTS



B — ISOMETRIC

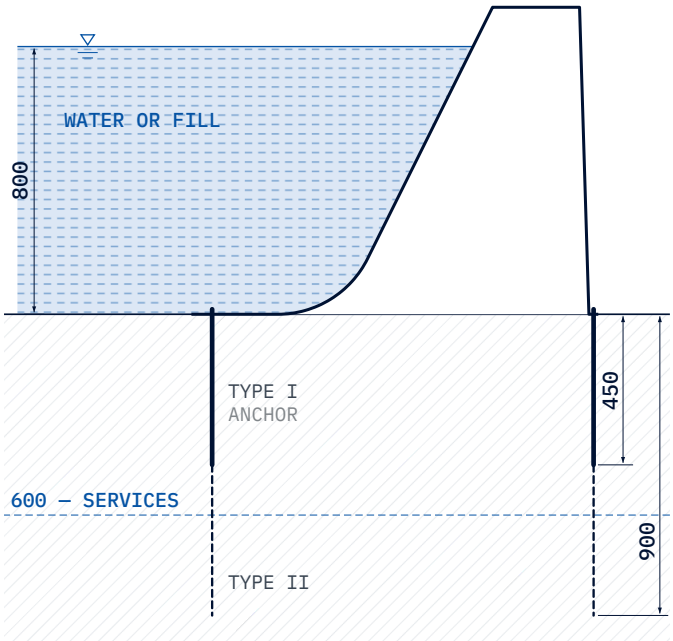
REF ONLY



Overall height	917.35 mm
Base depth	1216 mm
Apron (toe) length	258 mm
Water-face sweep	R300
Design retained height	800 mm
Heat resistance	to 500 °C
Flow tested	9–12 m³/s

C — DESIGN LOAD CASE

SECTION



D — ANCHORAGE & FACTOR OF SAFETY

Factors of safety for a unit retaining **800 mm** of water or fill, by toe-anchor fixing.

TOE ANCHOR		FOS	
Fixing	**Length**	**Water**	**Fill**
Type I	450	2.0	1.5
Type II	900*	3.0	2.0

NOTES

1. Factors of safety are based on an 800 mm retained height of water or fill.
2. FOS improves where the depth of water or debris is lower.
* Type II anchors extend beyond 600 mm below ground. Locate in-ground services before fixing.
3. All dimensions in millimetres. Do not scale from this sheet.
4. Full design information is available on request.