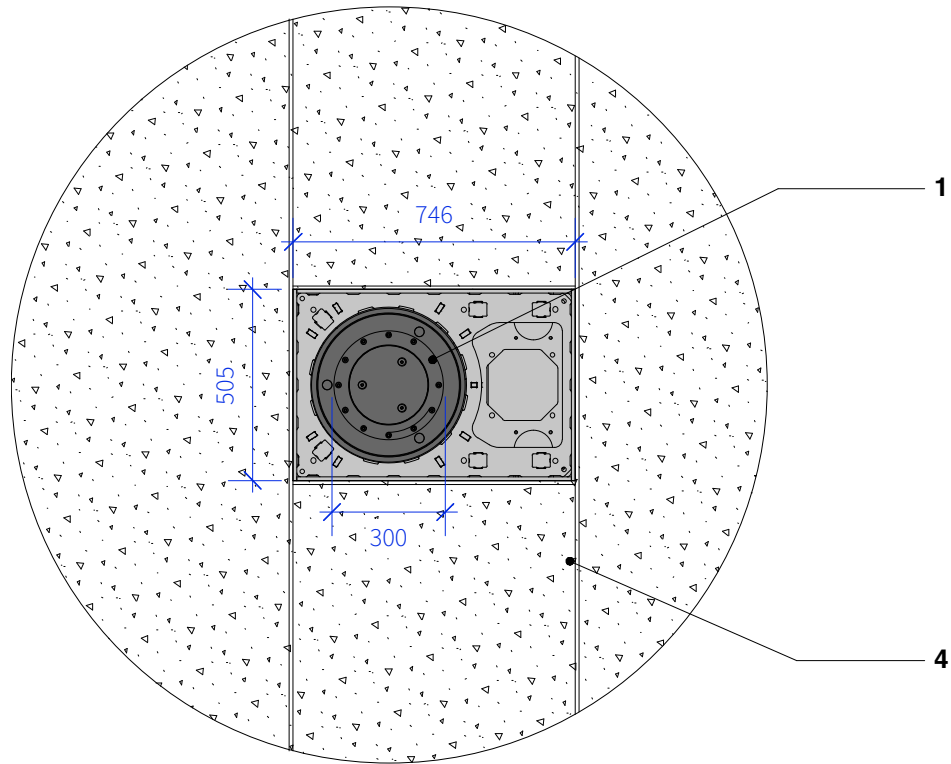
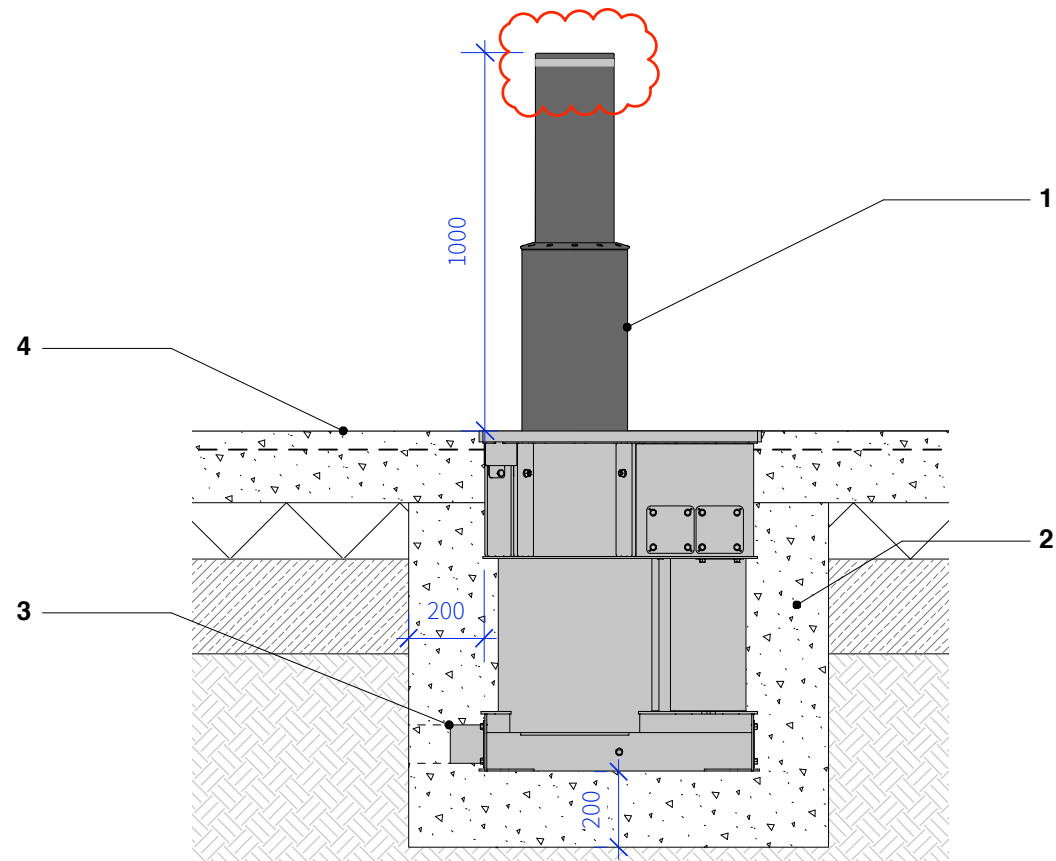


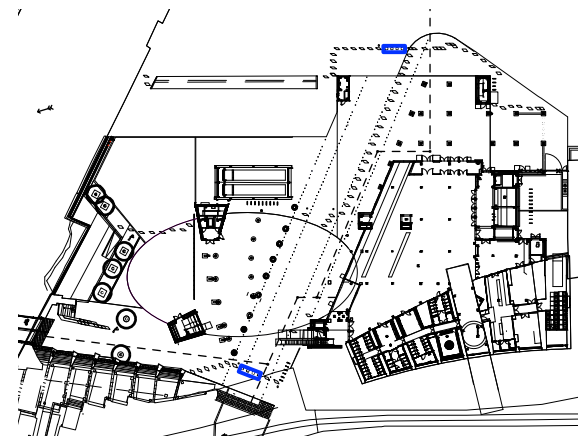
Design Intent: Provide Fabrication Drawings for Landscape Architects Approval



Retractable Bollard - Plan
Scale: 1:20



Retractable Bollard - Elevation
Scale: 1:20



Location Plan
Scale: 1:2000

1 - Retractable Bollard - RB1

Manufacturer: ATG Access or equal and approved.
Product Reference: SPTT High Security Bollard - .
PAS 68: V/7,500(N2)64/90:0.5 (Crash tested in accordance with BSI PAS 68 standard. Able to withstand speeds of up to 40mph.)
Diameter: 209mm (top) / 280mm (bottom)
Size: 1000mm above ground, 900mm foundation depth.
Material: Grade 304 Stainless steel.
Finish: Powder coated RAL 9005 jet black, matt finish. Subject to LA/client approval.
Fixing: As per manufacturers recommendation on shallow mounted foundation and drainage.
Accessories: LED lighting band to top of bollard, visibility strips, induction loops, control cabinet and access indicator columns,
CCTV required, final control method tbc by client.
[Refer to NBS clause Q50/192](#)

2 - Concrete Foundation.

To suit manufacturer's typical foundation detail.

3 - Drainage Outlet

4 - C2 Bespoke reinforced in-situ concrete.

[NOTE: BH to review joints around bollards and induction loops](#)
Refer to MF-PLA-XX-GF-DR-L-10-5000 for detail.



ATG Access SPTT High Security Bollard

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NOTES:

1. Do not scale from this drawing.
2. Always work to noted dimensions.
3. All dimensions are in millimetres unless otherwise stated.
4. All setting out, levels and dimensions to be agreed on site.
5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

D2-P03	22-10-21	update to visibility stripe	AM	AM
D2-P02	04-12-20	for tender	TF	AM
S1-P02	23-10-20	Colour/finish updated	TF	AM
S1-P01	05-10-20		TF	AM

Revision	Date	Description	Drawn	Apprvd.
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Client OMA / MCC

Project Factory

Org Title Typical Furniture Details
- Removable Bollard

Created on	Created by	Approved by
25-09-20	TF	AM

Scale	Size	Workstage
1:20	A3	Stage 5

Org No.	Suitability	Revision
MF-PLA-XX-GF-DR-L-10-7011	D2	P03

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