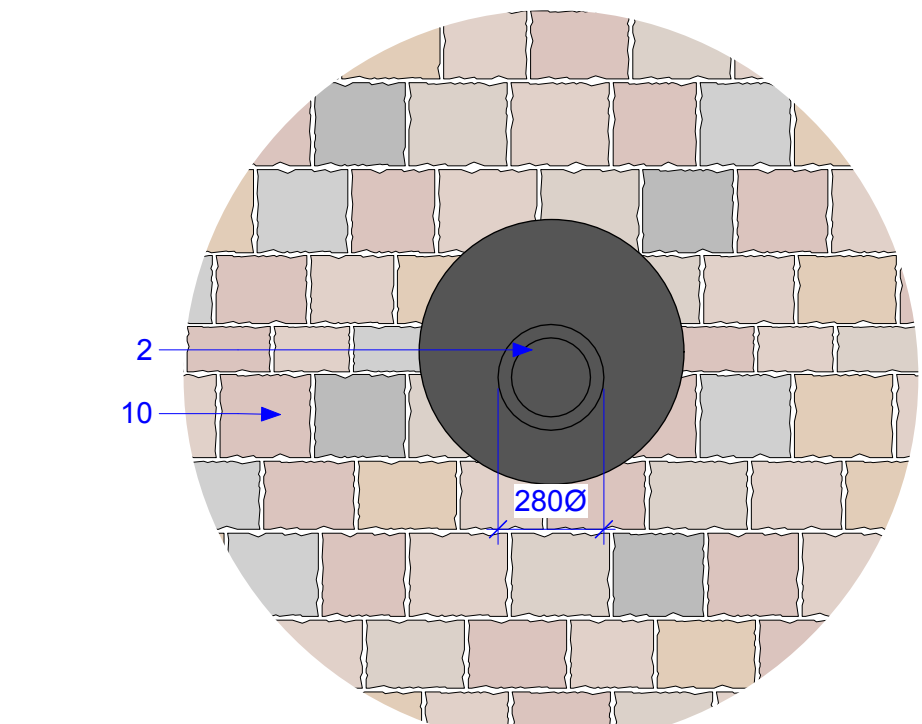
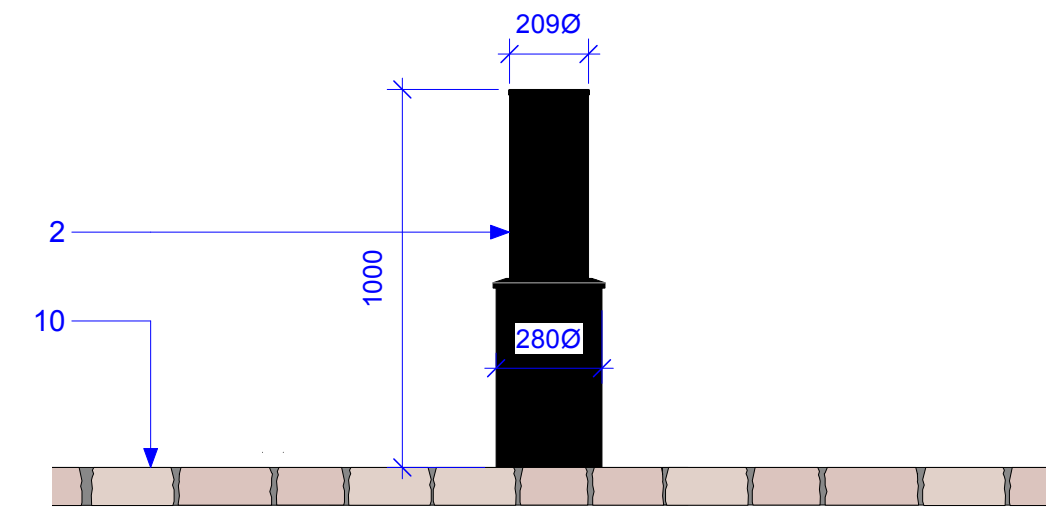


2 **Bollards - Section/Elevation**
Scale: 1:25

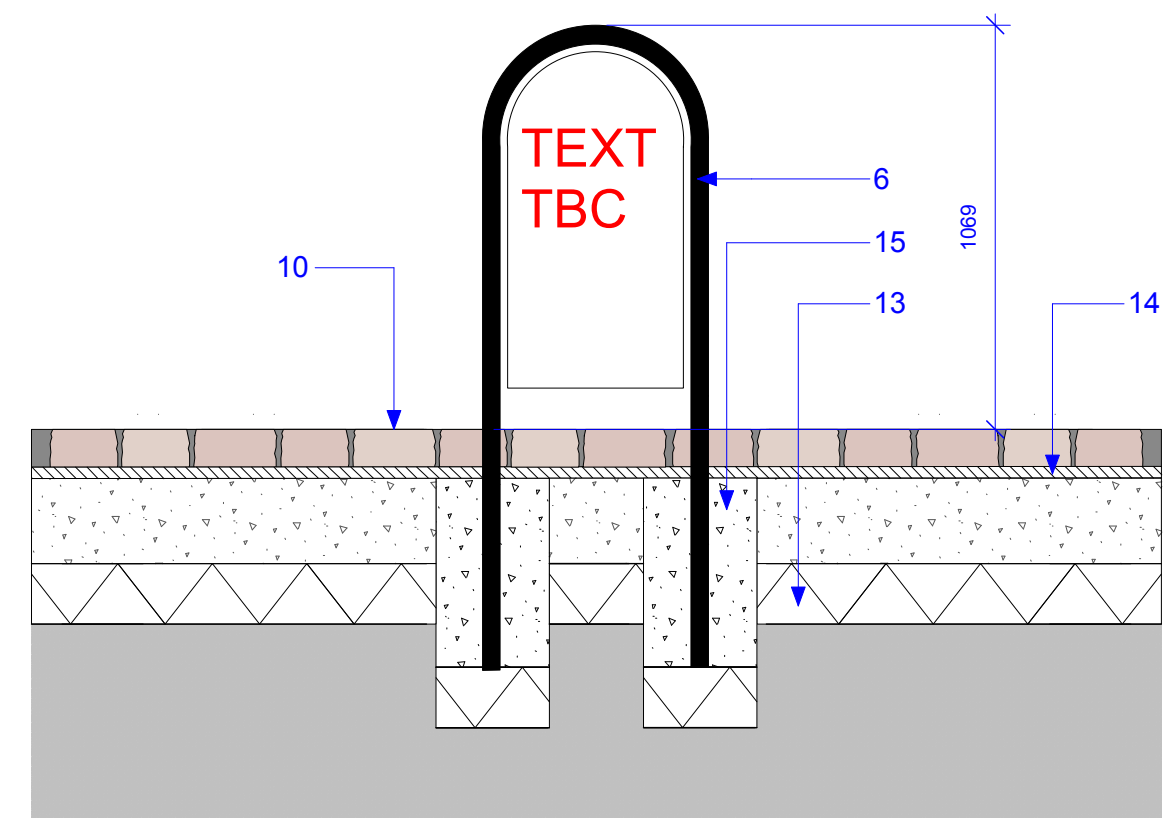


Precedent image: Automatic Bollard

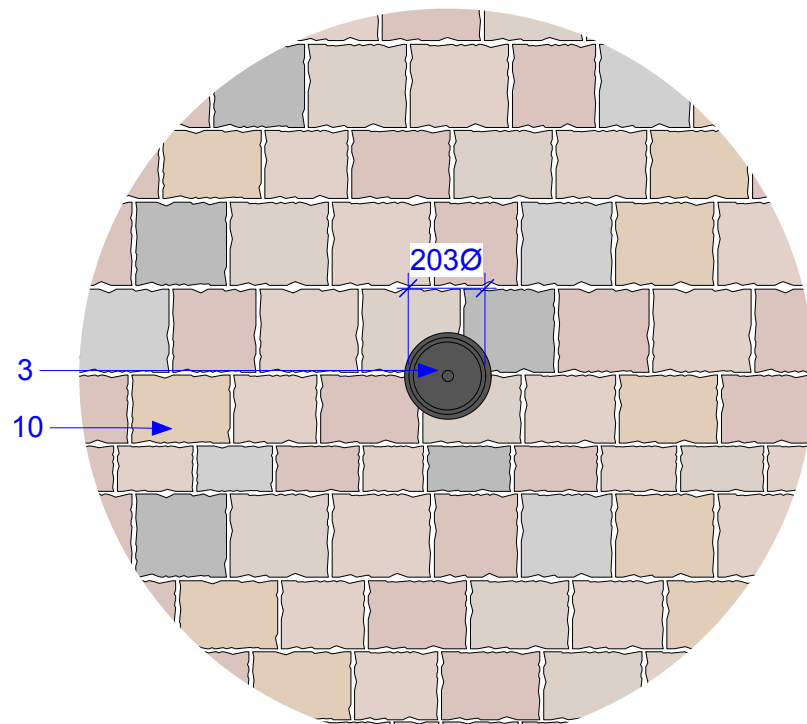
3 **BL2 - Automatic Bollard - Plan**
Scale: 1:20



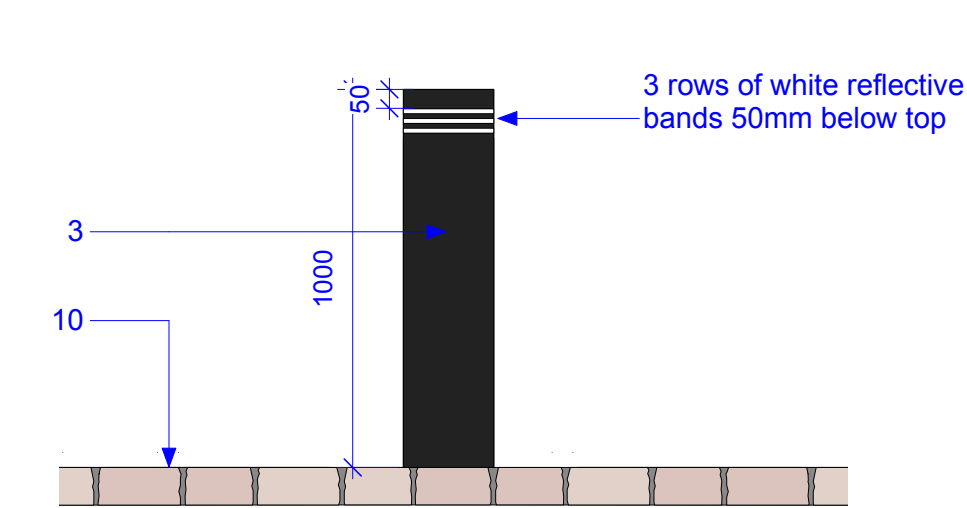
4 **BL2- Automatic Bollard - Section**
Scale: 1:20



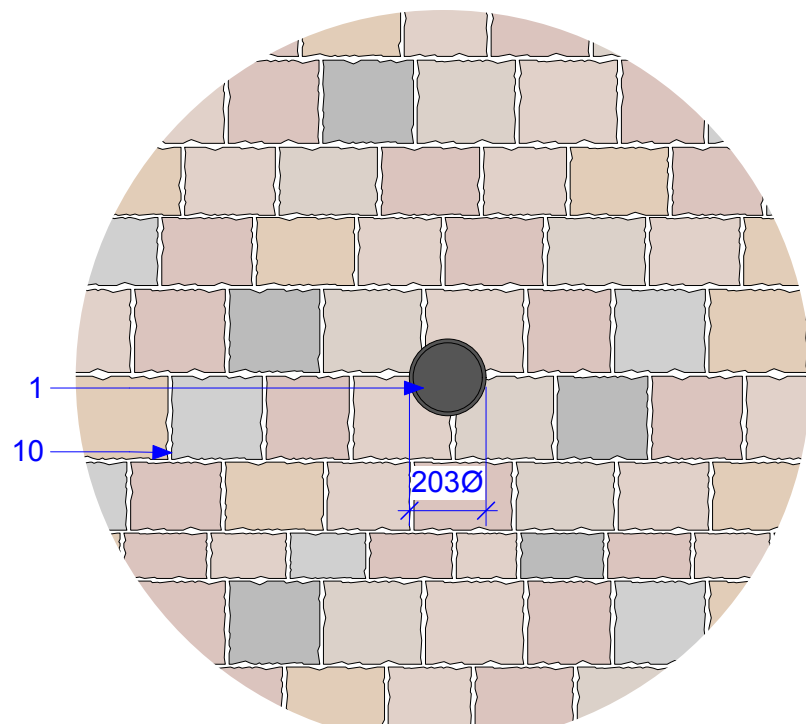
9 **FL2 Signage & FL3 Indicator Column - Section**
Scale: 1:20



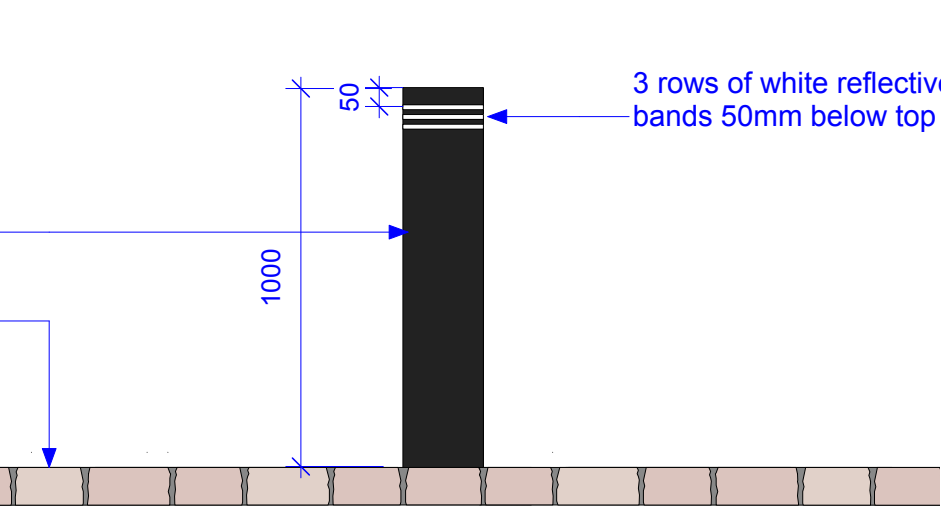
5 **BL3- Removable Bollard - Plan**
Scale: 1:20



6 **BL3- Removable Bollard with Sleeve - Section**
Scale: 1:20



7 **BL1 - Fixed Bollard - Plan**
Scale: 1:20



8 **BL1- Fixed Bollard with Sleeve - Section**
Scale: 1:20



Precedent image: FL3
Bollard sleeve for BL1 with traffic light and intercom, colour to be black



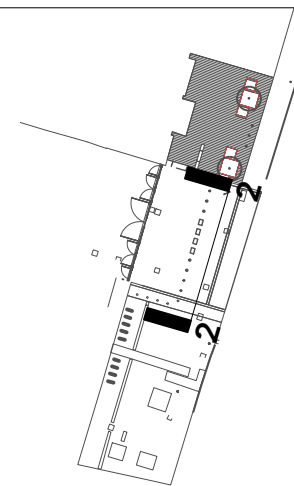
Precedent image:
Bollard sleeve for BL1 and BL2

KEY

- 1- Fixed Bollard - BL1**
Manufacturer: ATG or equal and approved
Material: Grade 304 Stainless steel.
Finish: Powder coated RAL 9004 jet black, matt finish. domed top
Diameter: 209mm (internal)
Size: 930mm above ground
Accessories: To include 1000mm high aesthetic sleeve with 3 rows of white reflective band 50mm below top as per manufacturer's recommendation
- 2 - Automatic Bollard - BL2**
Manufacturer: ATG Access or equal and approved.
Diameter: 209mm (top) / 280mm (bottom)
Size: 1000mm above ground.
Material: Grade 304 Stainless steel.
Finish: Powder coated RAL 9004 jet black, matt finish. flat top
- 3 - Removable Bollard - BL3**
Manufacturer: ATG Access or equal and approved.
Diameter: 203mm (internal)
Height: 866mm above ground
Material: Grade 304 Stainless steel.
Finish: Powder coated RAL 9004 jet black, matt finish. domed top.
Accessories: To include 1000mm high aesthetic sleeve with 3 rows of white reflective band 50mm below top as per manufacturer's details.
- 6 - Safety Signage - FL2**
Manufacturer: ATG Access or equal and approved.
Material: Grade 304 Stainless Steel
Size: 545mmW x 930mmH.
Finish: Powder coated RAL 9004 jet black, matt finish. Subject to LA/client approval.
Accessories: Steel panel attached to steel loop with text (TBC) for traffic control.
Fixing: Root fixed, foundations to engineer's details.
- 9 - Proposed Natural Stone Kerb Edging - ET13**
- 10 - New Granite and Sandstone Setts - ST17**
- 11 - FL3 - Access Indicator and Intercom Column Sleeve on BL1 - Fixed Bollard**
Manufacturer: ATG Access or equal and approved.
Material: Grade 304 Stainless Steel
Size:
Finish: Powder Coated Black RAL 9004 jet black, matt finish. Subject to LA/client approval.
Reflective Visibility Strips to be included
Accessories: Allow for red and green luminaires for traffic control and keypad and push button intercom and fire access key as per manufacturer's recommendations.
Fixing: Root fixed, foundations to engineer's details.

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

LOCATION PLAN



P04	16/01/2026	Planning Issue	JD	AM
P03	27/10/2025	Planning Issue	AM	AM
P02	23/10/25	traffic light incorporated into fixed bollard sleeve, one traffic light omitted.	AM	AM
P01	09/09/25	Planning Issue	JD	AM

Revision	Date	Description	Drawn	Apprvd.
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Client Science Museum Group

Project Science Industry Museum - Lower Byrom Street Gateway

Drg Title Furniture Details - Bollards

Created on 31/07/2025
Created by JD
Approved by AM

Scale As shown
Size A1
Workstage RIBA 5

Drg No. 2913.4-PLA-XX-XX-DR-L-7002
Suitability S1
Revision P04