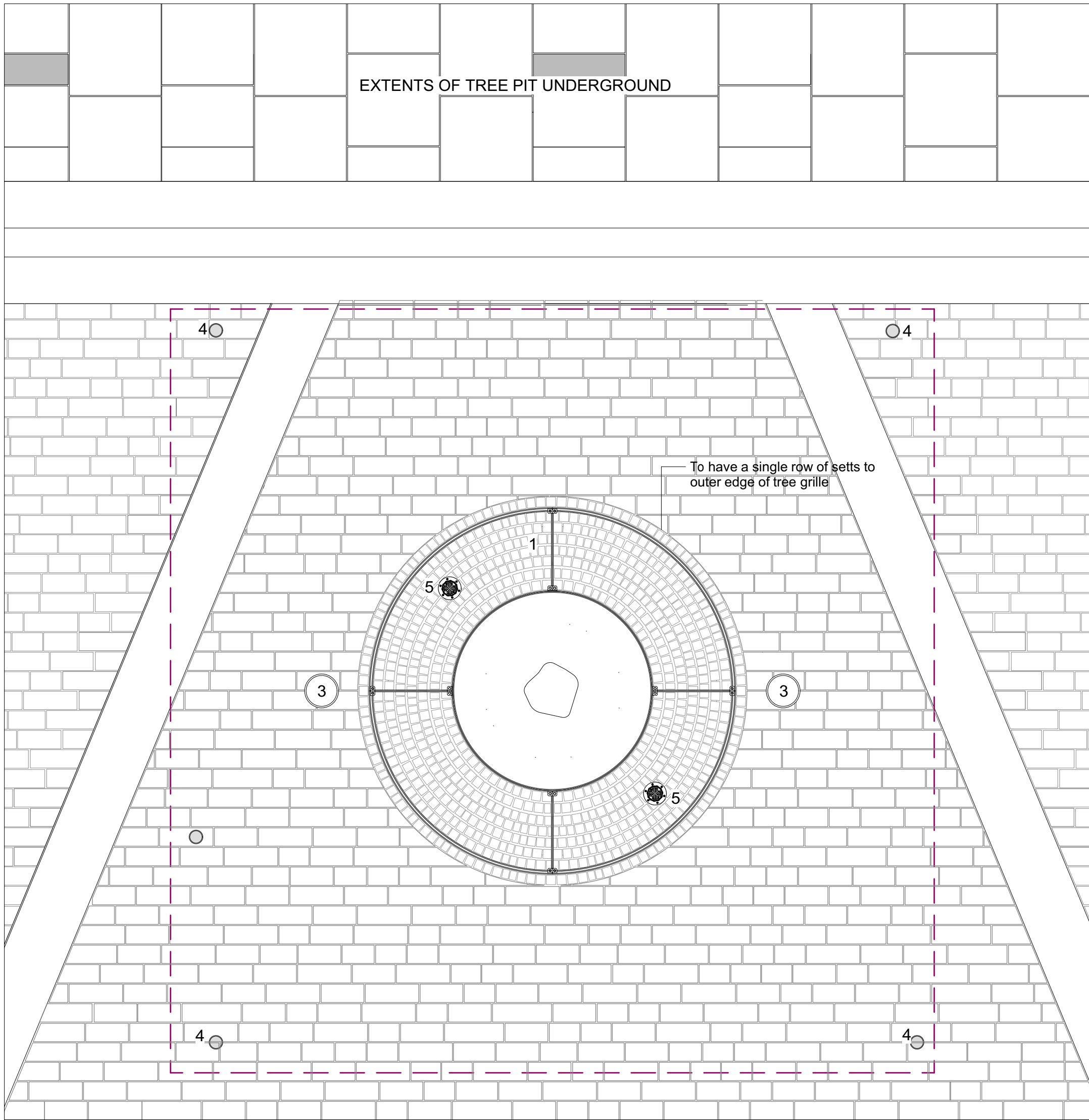
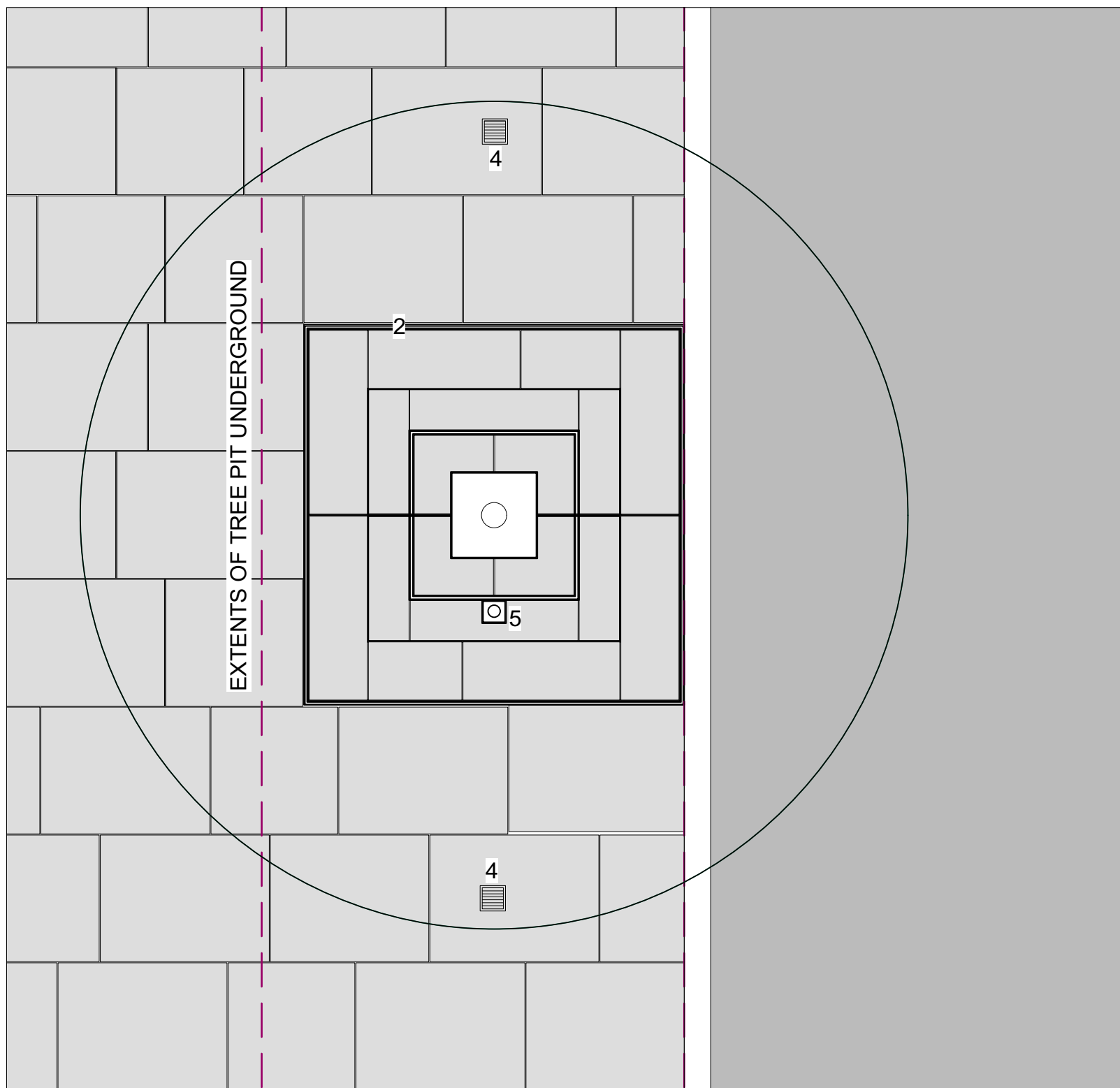


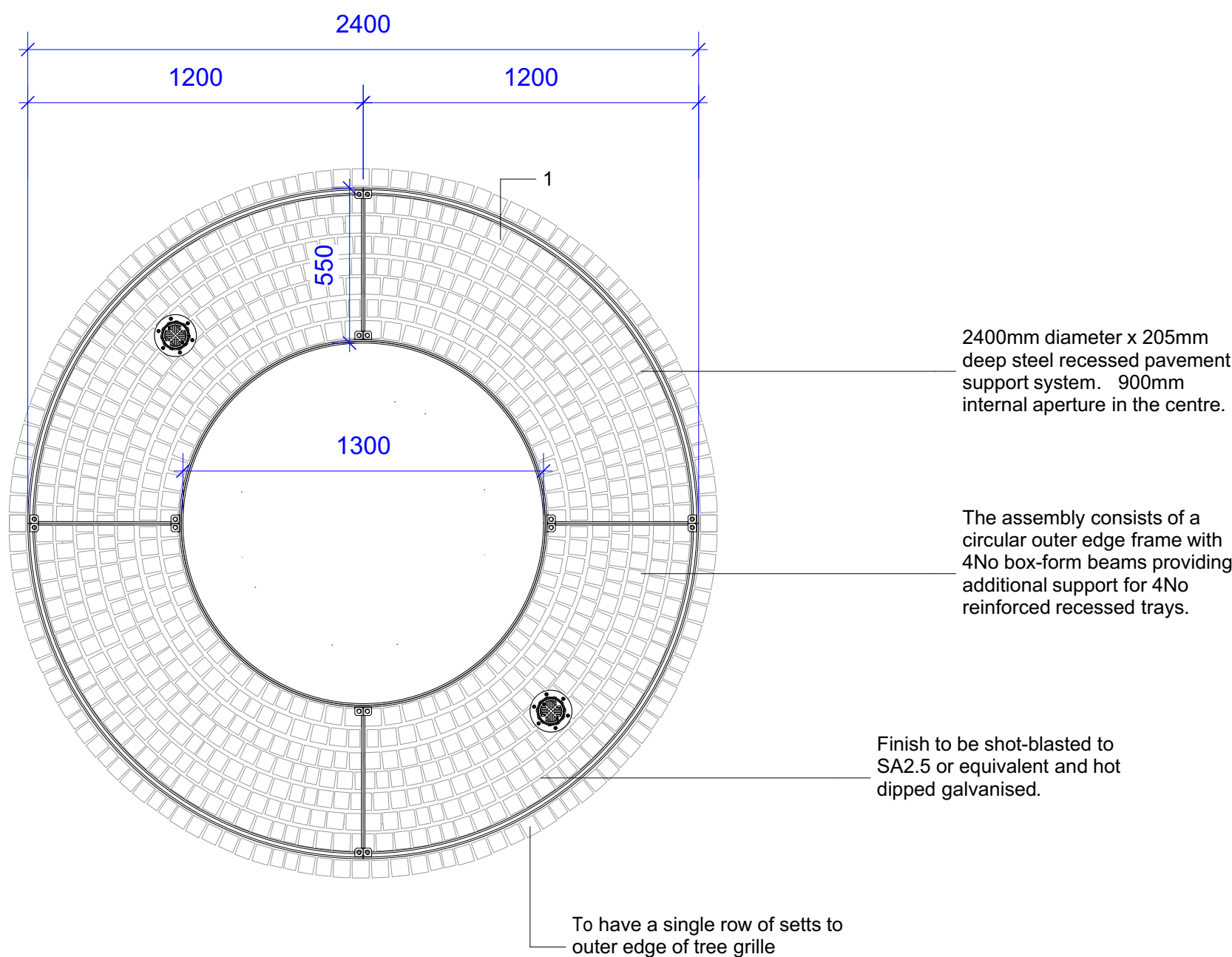
P1 Tree Grille A - Paving Swatch
Scale: 1:25



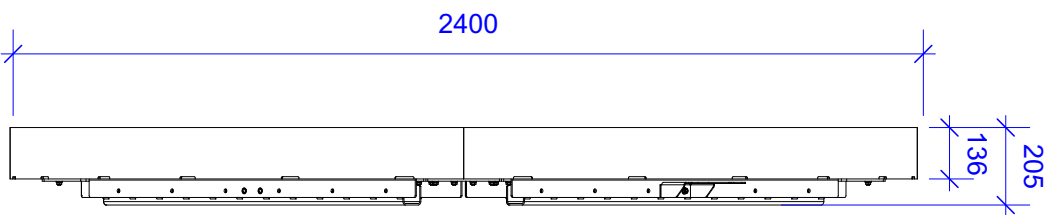
P3 Tree Grille B - Paving Swatch
Scale: 1:25



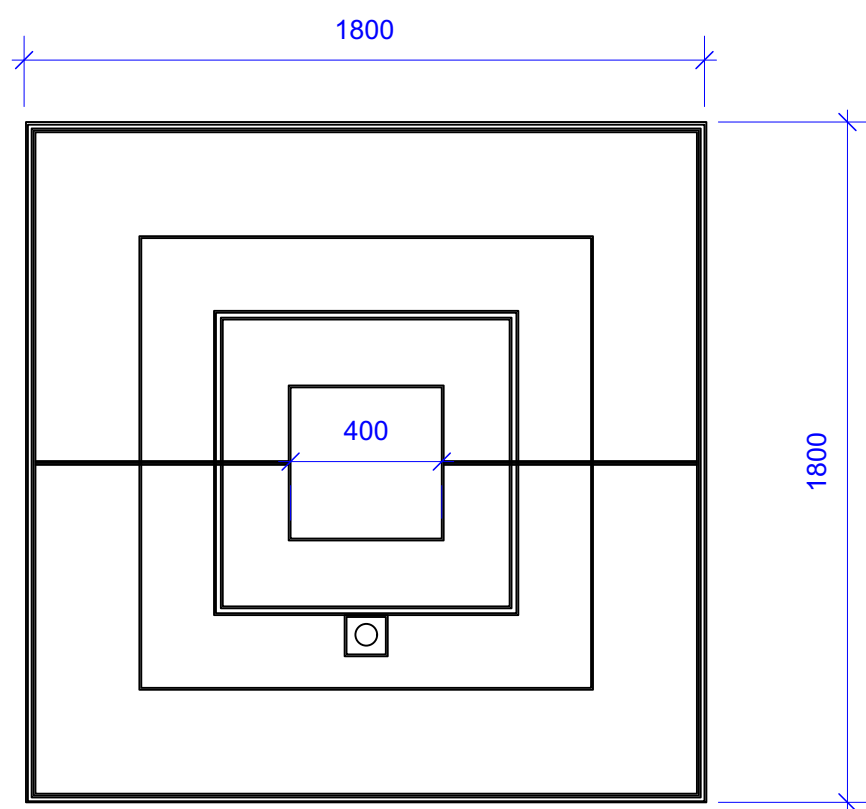
P2 Tree Grille A - Plan
Scale: 1:20



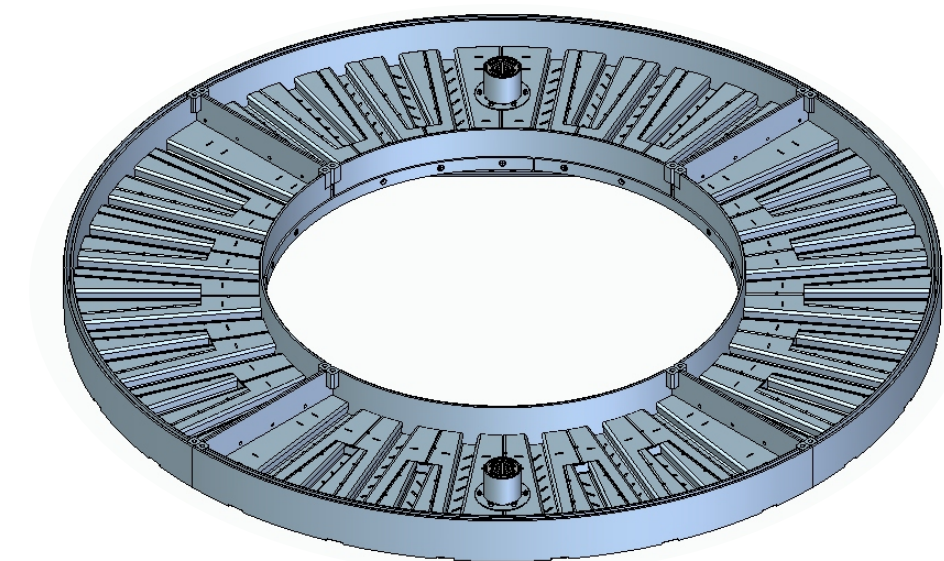
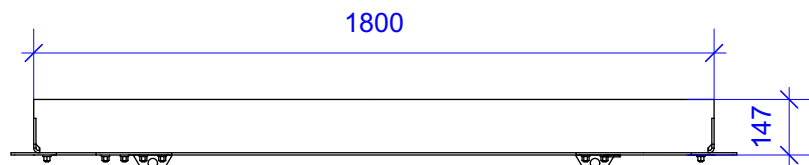
S1 Tree Grille A - Section
Scale: 1:20



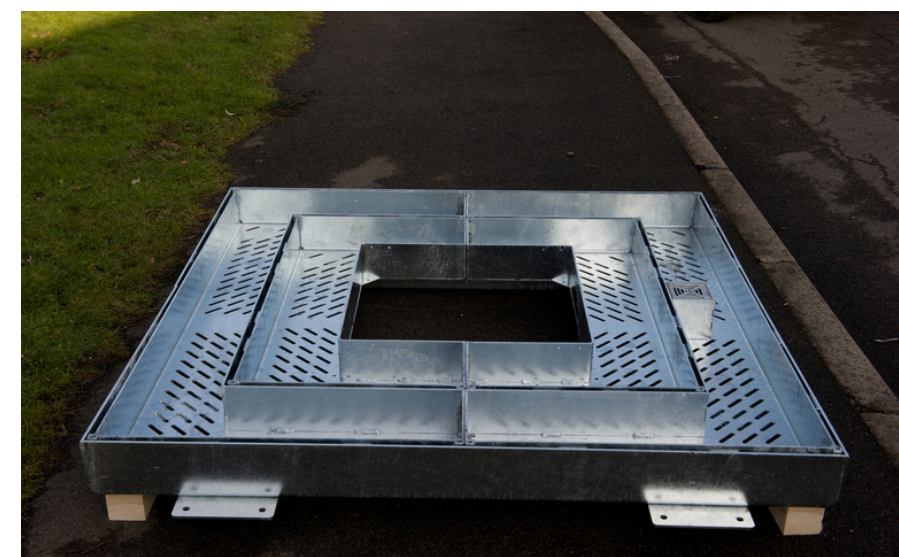
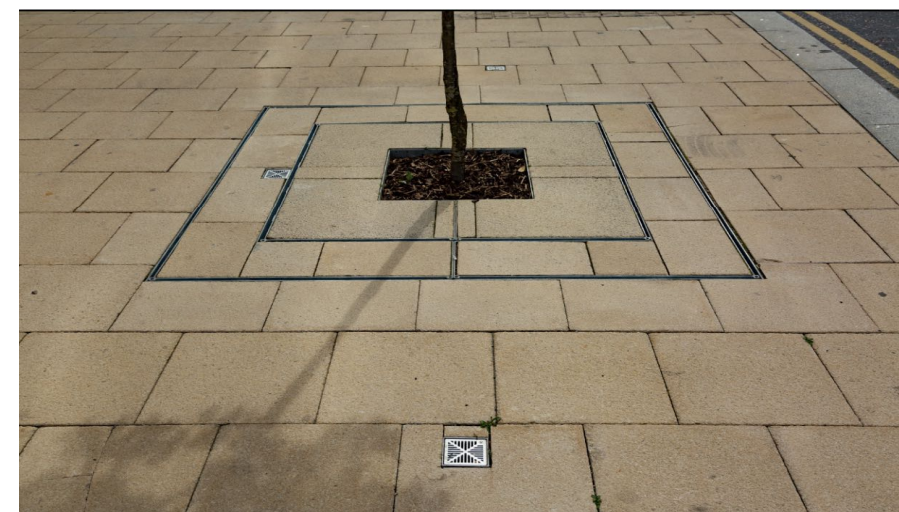
P4 Tree Grille B - Plan
Scale: 1:20



S2 Tree Grille B - Section
Scale: 1:20



Illustrative image: 3D view of Tree Grille A frame



Illustrative image: Castle Tree Grille

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- NOTES:
1. Check scale from this drawing.
 2. All dimensions are in millimetres unless otherwise stated.
 3. All dimensions are in millimetres unless otherwise stated.
 4. All dimensions are in millimetres unless otherwise stated.
 5. The dimensions of all materials must be checked on site before being used.
 6. This drawing must be used in accordance with the relevant specifications and standards.
 7. Under no circumstances are drawings to be altered or modified.

For location of Tree Grilles refer to drawing:
OTH-PLA-EE-ES-DWG-L-4000

KEY

1. Tree Grille A

Product: Ray40A 2400-0800-900-2AG80R-2ETC130UL.
Supplier: GreenBlue Urban Ltd. or equal and approved.
Size: 2400mm (L) x 2400mm (W) x 100mm (D)
Materials: S275JR (or equivalent) grade steel.
Irrigation Inlets (where fitted) are manufactured from Marine Grade LMS Aluminium
Refer to specification clause Q10 305A
Refer to GreenBlue Urban Ltd drawings for details.
Vehicle loading class requirement: D400.

Granite Setts Paving infill to tree grille;
Refer to drawing OTH-PLA-EE-ES-DWG-L-5000
Ref S2.4/5 - To Clause Q25/142D
Stone Type: Portuguese Granite
Colour / Surface Finish: Grey Montemuro flamed surface.
Finish to sides / bottom: cropped sides, sawn bottom.
Sizes: 5-7 cubes, typically 60mm x 60mm x 100mm
depth; Allowance for sizes as required to create concentric pattern indicated.
- Joint width: 8mm (6-10mm)
- Bond: Concentric pattern as indicated.
- Cut units: no smaller than half size of sett.

2. Tree Grille B

Product: CASTLE18A
Supplier: GreenBlue Urban Ltd. or equal and approved.
Size: 1800mm (L) x 1800mm (W) x 147mm (D)
Material: Galvanised Steel. Paving infill to match surroundings.
Colour: Natural
Refer to specification clause Q10 305B

3. Tree uplighters

Refer to lighting engineer's (Arup) specification

4. Aeration Pipe system

(4 no per tree pit): Cap to sit flush with surrounding surface material.
To be GreenBlue Urban RootRain ArborVent - version fit for application on tree pit cover, or equivalent 100mm heavy cast aluminium inlet and swivel vented lid.
60mm diameter circuit and vertical pipes.

5. Irrigation System

120mm diameter stainless steel inlet. Integrated into Tree Grille. 60mm diameter perforated HDPE circuit and vertical pipes. Cap to sit flush with surrounding surface material.

NOTE: Design subject to final approval of manufactureres fabrication drawings, all measurements to be checked on site prior to ordering and fabrication.

Revision Notes:

Revision	Date	Description	Drawn	Apprvd.
1.	Construction Issue	updates to tree grille and infill paving finish		
C02	28/02/22	Construction Issue	SR	MS
C01	01/04/21	Construction Issue	SR	MS
03	26/02/21	Stage 4 Issue (Re-Coordination)	SR	MS
02	06/09/19	Planning Issue	SR	MS
01	26/07/19	Stage 4 Issue	SAB	MS

Revision	Date	Description	Drawn	Apprvd.
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Client Manchester City Council

Project Our Town Hall

Drg Title Tree Grille Details

Created on 26.07.19 Created by SAB Approved by MS/KR

Scale As shown Size A1 Workstage Stage 5

Drg No. OTH-PLA-EE-ES-DWG-L-7007 Suitability S4 Revision C02