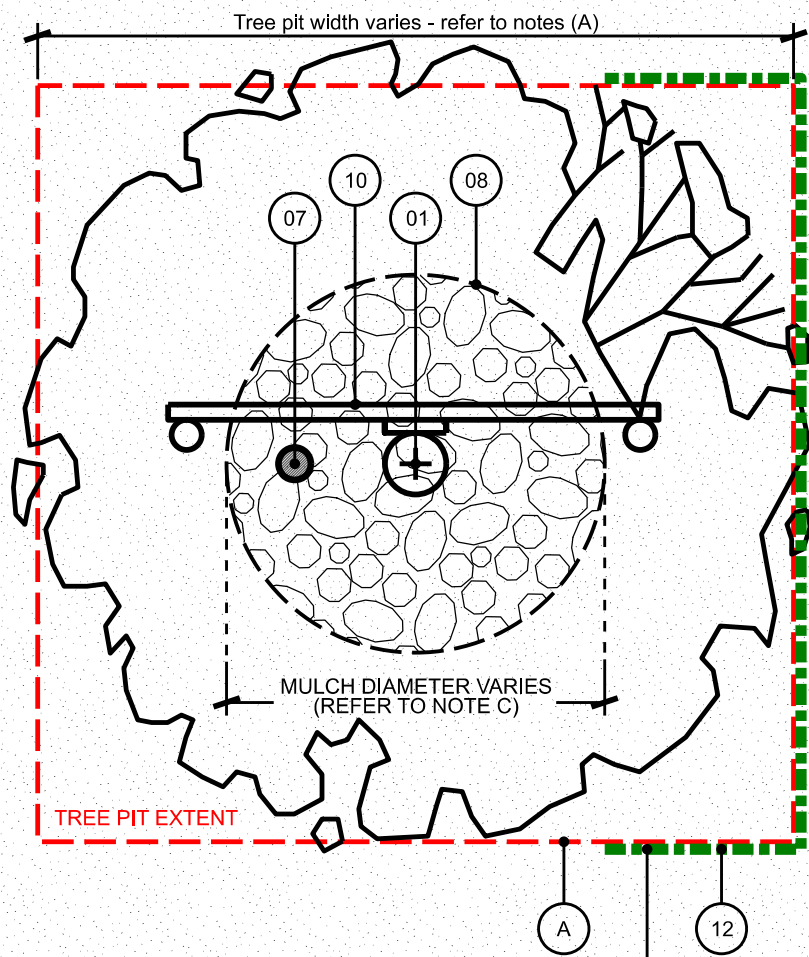
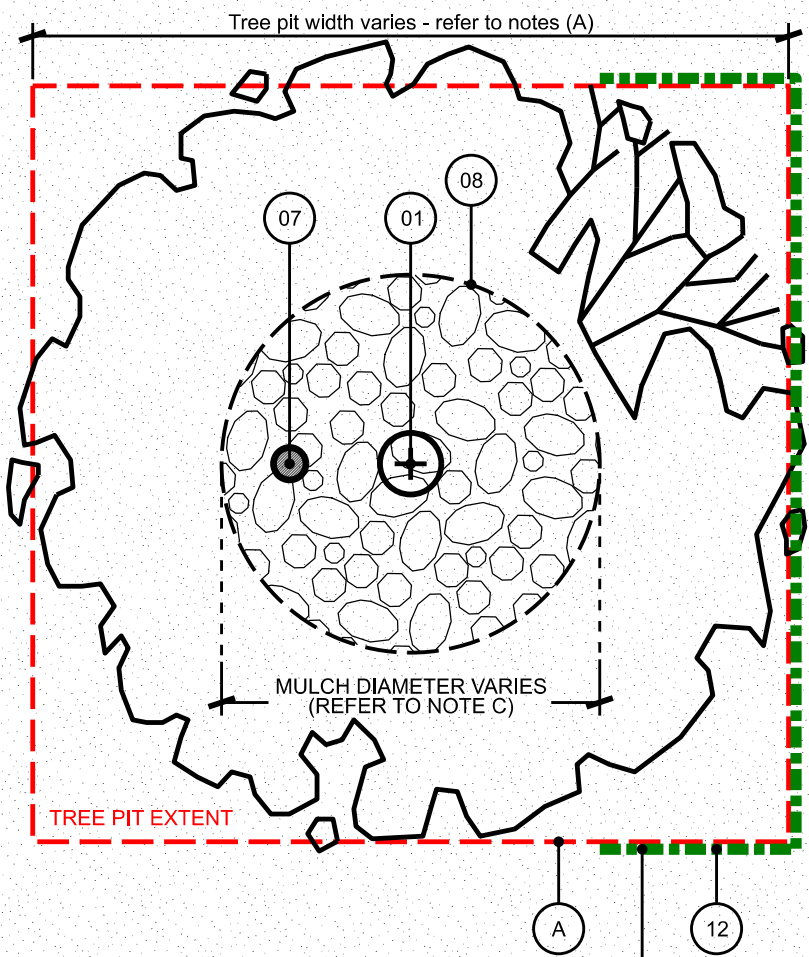
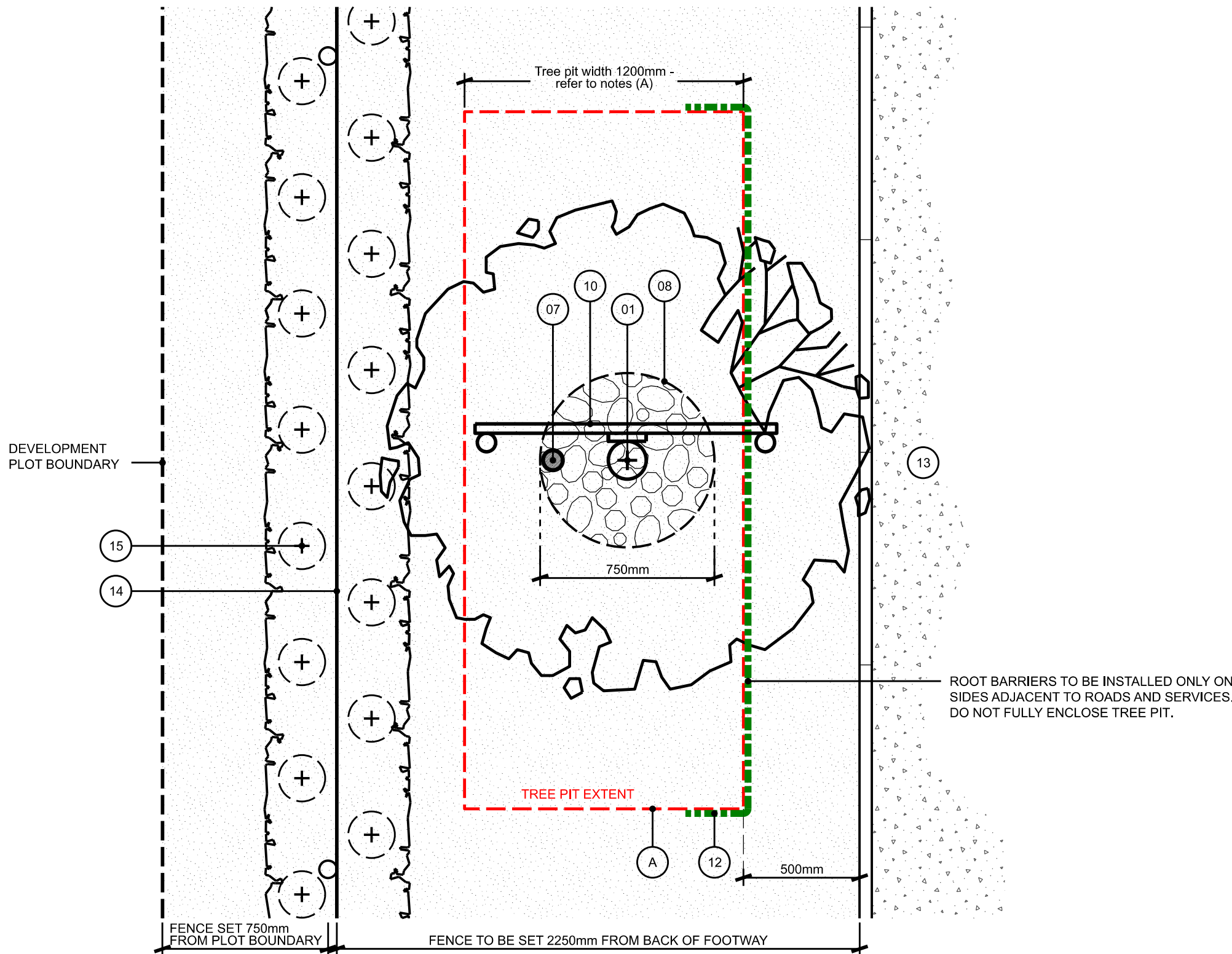




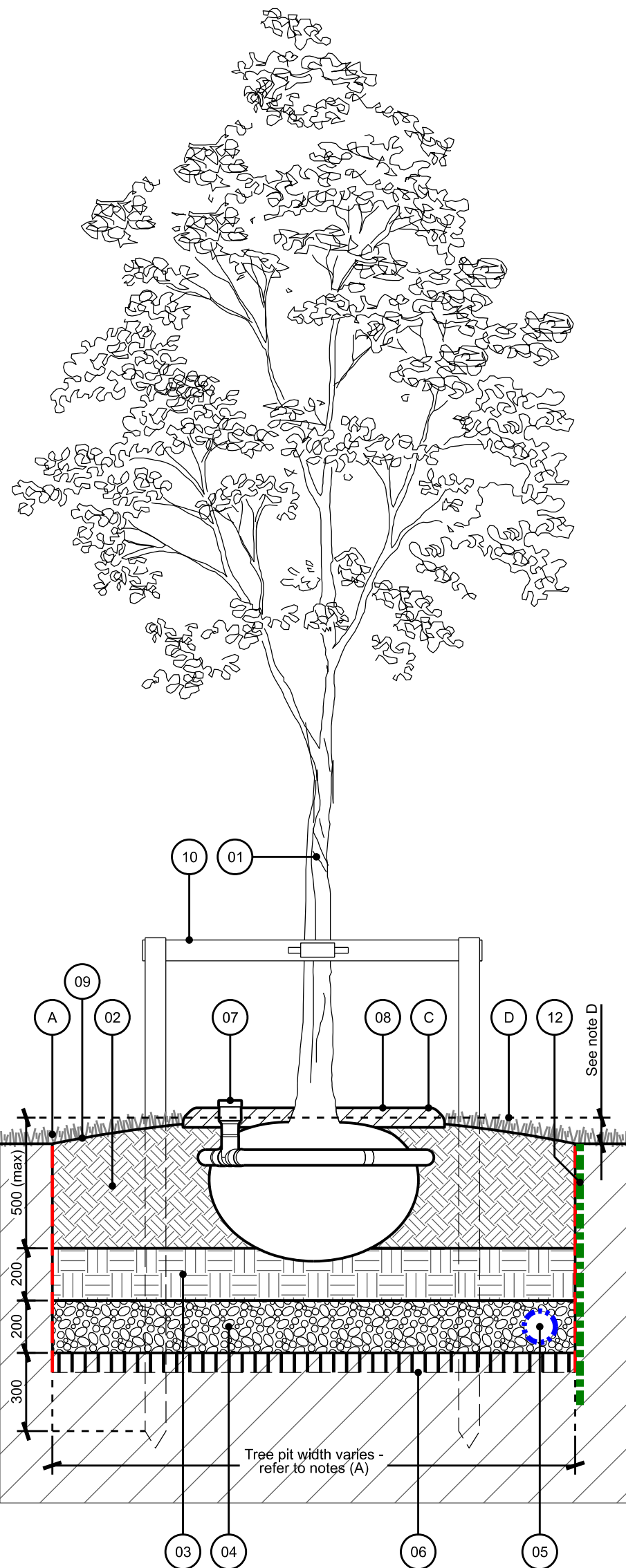
ROOT BARRIERS TO BE INSTALLED ONLY ON SIDES ADJACENT TO ROADS AND SERVICES. DO NOT FULLY ENCLOSE TREE PIT.



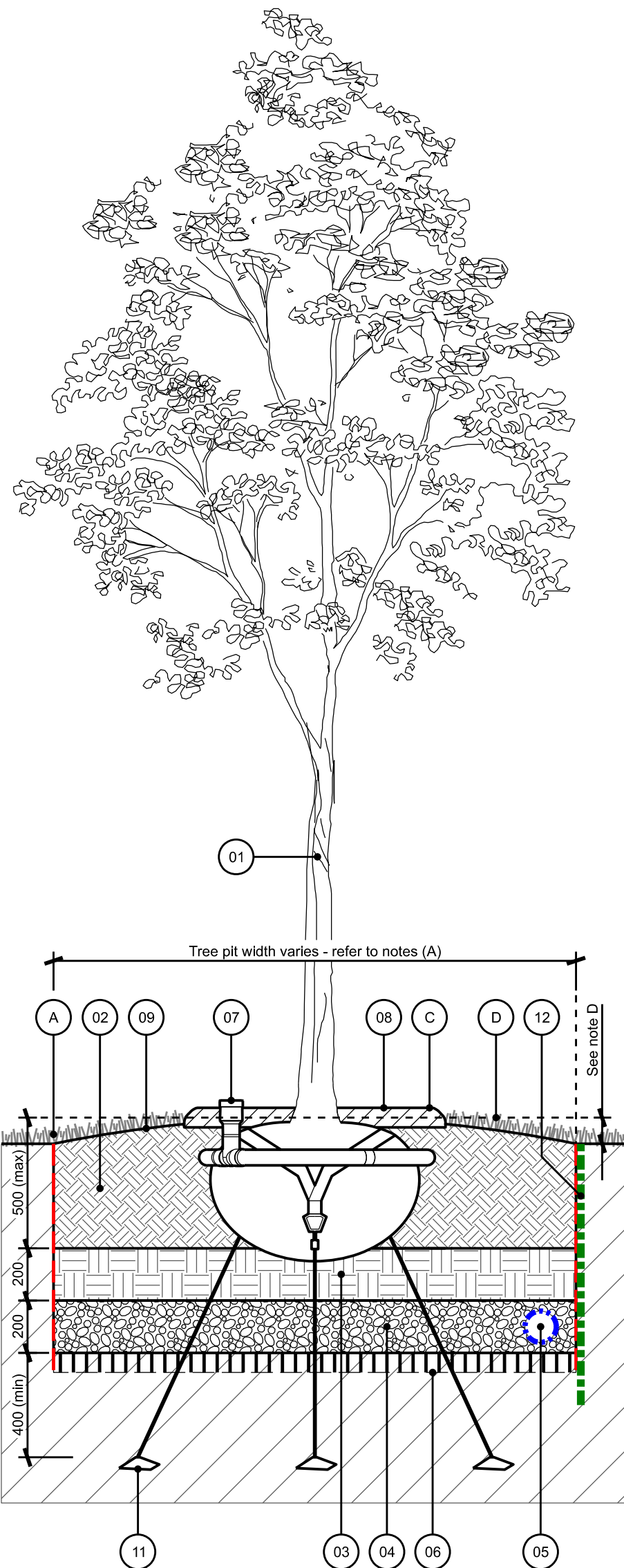
ROOT BARRIERS TO BE INSTALLED ONLY ON SIDES ADJACENT TO ROADS AND SERVICES. DO NOT FULLY ENCLOSE TREE PIT.



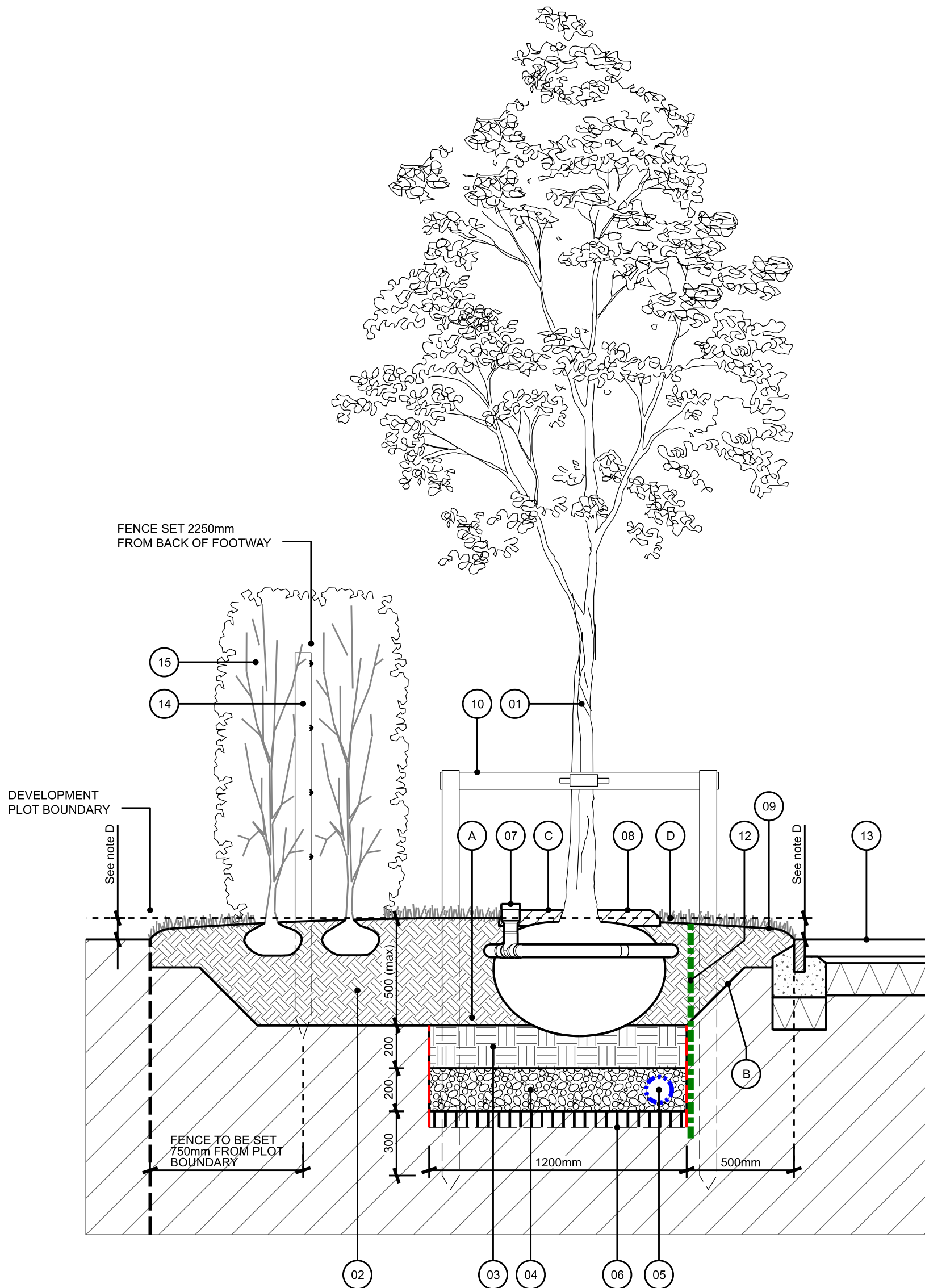
ROOT BARRIERS TO BE INSTALLED ONLY ON SIDES ADJACENT TO ROADS AND SERVICES. DO NOT FULLY ENCLOSE TREE PIT.



01 TREE PIT WITH STAKING  
SCALE 1:20 @ A1



02 TREE PIT WITH UNDERGROUND GUYING  
SCALE 1:20 @ A1



03 TREE PIT IN STREET VERGE WITH HEDGE - SECTION  
SCALE 1:20 @ A1

1. PROPOSED TREE, REFER TO LANDSCAPE PLANTING PLANS AND SCHEDULES FOR SIZES
2. TREE PIT TOPSOIL Q31/586, REFER TO Q31/505 FOR TOPSOIL DEPTH CRITERIA
3. FREE DRAINING SUBSOIL OR WASHED SAND Q31/505
4. CLEAN FREE DRAINING GRAVEL Q31/515
5. PERFORATED DRAINAGE PIPE WITH POSITIVE OUTFALL Q31/515 (CAN BE OMITTED ONLY IF SOAKAWAY TEST DEMONSTRATES THAT TREE PIT IS FREE DRAINING)
6. BOTTOM OF PIT BROKEN UP TO ACHIEVE DRAINAGE Q31/505
7. AERATION AND WATERING PIPE WITH CAP Q31/512
8. MULCH SURROUND Q31/590 (REFER TO NOTE C)
9. TREE SURROUND (GRASS SEEDING UNLESS OTHERWISE STATED ON GENERAL ARRANGEMENT DRAWINGS)
10. TREE STAKING SYSTEM Q31/535 AND S75, TREE TIES Q31/536
11. UNDERGROUND GUYING SYSTEM Q31/592 (TO ACCOMMODATE VARIOUS TREE SIZES)
12. ROOT BARRIER Q31/510 (TO APPLY AS SHOWN WHERE TREE IS ADJACENT TO SERVICE CORRIDORS AND HIGHWAYS)
13. ADJACENT FOOTWAY TO CIVIL ENGINEER'S DESIGN
14. TIMBER POST AND WIRE FENCE (REFER TO DETAIL LP2412-FIR-XX-XX-DR-L-4005)
15. HEDGE PLANTING, AS PER LANDSCAPE PLANTING PLANS AND SCHEDULES (REFER TO DETAIL LP2212-FIR-XX-XX-DR-L-4005)

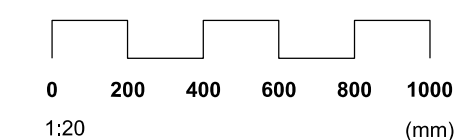
#### NOTES

- A. REQUIRED TREE PIT DIMENSIONS BASED UPON SPECIFIED TREE SIZE:
- |                                |               |
|--------------------------------|---------------|
| BUSH, WHIP & SMALL FEATHERED   | 600 x 600mm   |
| 08-10cm GIRTH: STANDARD        | 900 x 900mm   |
| 10-12cm GIRTH: SELECT STANDARD | 900 x 900mm   |
| 12-14cm GIRTH: HEAVY           | 1200 x 1200mm |
| 14-16cm GIRTH: EXTRA HEAVY     | 1200 x 1200mm |
| 16-20cm GIRTH: ADVANCED        | 1500 x 1500mm |
| 20-30cm GIRTH: SEMI-MATURE     | 2100 x 2100mm |
| TREES IN 2m VERGES:            | 1200 x 3000mm |
- B. COMPACTED BACKFILL 45 DEGREES FROM KERB EDGING
- C. REQUIRED TREE MULCH SURROUND DIAMETER BASED UPON SPECIFIED TREE SIZE:
- |                     |        |
|---------------------|--------|
| 14-18cm GIRTH:      | 750mm  |
| 18-30cm GIRTH:      | 1000mm |
| 30cm+ GIRTH:        | 1500mm |
| TREES IN 2m VERGES: | 750mm  |
- D. TREE PITS TO BE RAISED ABOVE SITE EARTHWORKS TO PREVENT WATERLOGGING, RECOMMEND ADDING BETWEEN 100 - 500mm ADDITIONAL TOPSOIL PRIOR TO PIT EXCAVATION, AS SUITABLE FOR LOCATION. GENTLY GRADE BACK FROM TREE CENTRE TO MEET ADJACENT SITE LEVELS.
- E. DETAILS ON WATER SUPPLY FOR IRRIGATION TO BE PROVIDED TO FIRA AHEAD OF TREE PLANTING. IF A WATER SUPPLY IS NOT AVAILABLE, FIRA, THE LANDSCAPE CONTRACTOR AND ESTATES MANAGEMENT COMPANY SHOULD BE CONTACTED TO REVIEW WATERING STRATEGY AS PART OF ESTABLISHMENT / MAINTENANCE PLAN.

Do not scale this drawing. All dimensions to be verified on site.  
Drawings are to be read in conjunction with all related architectural and engineering drawings, details and all other relevant information.  
Any discrepancies between this drawing and any other information should be reported to the landscape architect.  
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#### Revision | Date | Drawn by | Amendments:

P01 | 29.05.2026 | JP | Issued for planning review  
P02 | 29.07.2026 | JP | Pre-commencement planning information.  
P03 | 19.08.2026 | JP | Pre-commencement planning information.



#### Notes:

Construction drawing to be read in conjunction with the following:  
Refer to Civil Engineer's drawing and specification for all drainage levels, falls and gradients, highway requirements, service yard finishes, paving loading over-runs, white lining and setting out of all roads, car parks and vehicular areas.

Refer to M&E Engineer's drawings and specifications for all lighting (including sports pitches where appropriate), CCTV and barrier, bollard and controlled access.

Refer to Structural Engineer's drawings and specifications for all guardrail and barrier loading, vehicular gates and retaining structures.

Refer to Architect's drawings and specifications for fire routes, bin stores, setting out of all buildings including ancillary structures and finished floor levels.

Sports layout and fencing shown in outline. Refer to specialist contractor's details and specification, including setting out and line marking.

All final service routes in relation to tree locations to be coordinated and appropriate root barriers installed.

Refer to arboricultural advice, details and specifications for the protection of retained trees in relation to construction.

Contractors are to verify all site dimensions and conditions before construction.

This drawing is to be read in conjunction with all other relevant drawings. Main Contractor to be notified of any discrepancies in figured dimensions from site.

**Project:**  
Havant Thicket Reservoir Visitor Centre  
Portsmouth Water

**Job Number:**  
LP2412

**Drawing Title:**  
Typical Landscape Details  
Typical Tree Pits

**Portsmouth Water Drawing Number:**  
HTR-FIR-XX-ZZ-DE-L-4001

**Fira Drawing Number:**  
LP2412-FIR-XX-XX-DR-L-4001

**Drawing Status:**  
PLANNING

**First Issue Date:**  
29.05.2026  
**Scale:**  
1:20 @ A1

**Revision:**  
P03  
**Drawn by:**  
PT  
**Authorised:**  
JP

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