

Last saved by: MARTINRM(2023-06-02) Last Plotted: 2023-06-09  
Filename: I:\A\AECOM\NET\COM\IFS\EME\BELFAST\1\LEGACY\UKBLF1\PP002\VP1\PROJECTS\DP+E - BCC FRAMEWORK EIM001\_028\_UPSURGE\900\_CAD\910\_CAD\01-WIPLA\01\_01-DRAWINGS\60340741\_028\_UDS\_SHT\_AEC\_LE\_1000.DWG  
Project Management Initials: Designer: RM Checked: RM Approved: AP



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PROJECT  
UPSURGE DEMO SITE

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- LEGEND
- PRIMARY PATH. 4M WIDE QUARRY DUST PATH WITH TIMBER EDGING. REFER TO DETAILS FOR FURTHER INFORMATION.
  - SECONDARY PATH. 3M WIDE QUARRY DUST PATH. NOT INCLUDED WITHIN PHASE 1 WORKS.
  - TERTIARY PATH. 3M WIDE COMPACTED BARK MULCH WITH TIMBER EDGING. REFER TO DETAILS FOR FURTHER INFORMATION.
  - BCC OWNERSHIP BOUNDARY
  - TYPE 1 - PROPOSED HORNBEAM HEDGE WITH POST AND WIRE FENCE. REFER TO DRAWING NUMBER 2001 FOR FURTHER DETAIL AND SCHEDULES.
  - TYPE 2 - PROPOSED BEECH HEDGE WITH POST AND WIRE FENCE. REFER TO DRAWING NUMBER 2001 FOR FURTHER DETAIL AND SCHEDULES.
  - TYPE 3 - PROPOSED HAWTHORN HEDGE WITH POST AND WIRE FENCE. REFER TO DRAWING NUMBER 2001 FOR FURTHER DETAIL AND SCHEDULES.
  - TYPE 4 - PROPOSED NEW ZEALAND PRIVET HEDGE WITH POST AND WIRE FENCE. REFER TO DRAWING NUMBER 2001 FOR FURTHER DETAIL AND SCHEDULES.
  - PROPOSED WILD CHERRY TREE. REFER TO DETAILS FOR PLANTING SCHEDULE.
  - PROPOSED OAK TREE. REFER TO DETAILS FOR PLANTING SCHEDULE.
  - PROPOSED LIME TREE. REFER TO DETAILS FOR PLANTING SCHEDULE.
  - PROPOSED BEECH TREE. REFER TO DETAILS FOR PLANTING SCHEDULE.

SCALE 1:1500@A1

ISSUE/REVISION		
D	09/06/2023	COMMUNITY GARDEN / TREES
C	23/05/2023	COMMUNITY GARDEN OPTIONS
B	04/04/2023	FENCE COORDINATES
A	20/02/2023	ISSUED FOR INFORMATION
I/R	DATE	DESCRIPTION

KEY PLAN

PROJECT NUMBER

60340741

SHEET TITLE

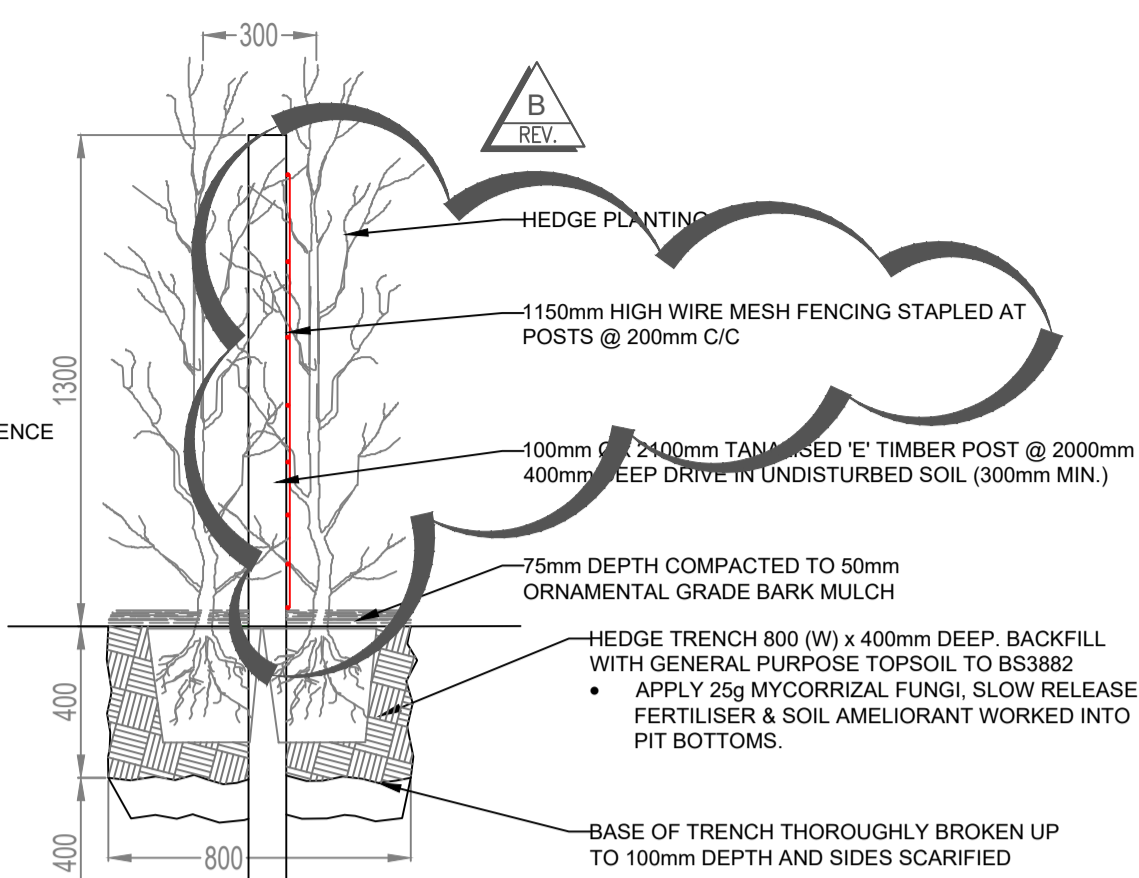
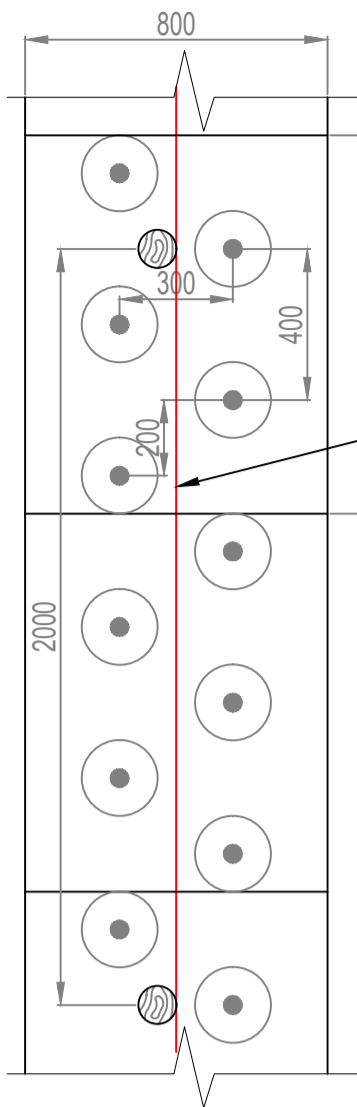
UPSURGE DEMO SITE  
PHASE 1  
GENERAL ARRANGEMENT

SHEET NUMBER

60340741\_028\_UDS\_SHT\_AEC\_LE\_1002

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Filename: \\NA.AECOM\NET.COM\FILES\BELFAST\UKBLF\LEGACY\UKBLF-IPF002\VPID\PROJECTS\DP+E - BCC FRAMEWORK\ELM001.028\_UPSURGE\900\_CAD\910\_CAD\01-WPLA\01\_01-DRAWINGS\0340741\_028\_UDS\_SHT\_AEC\_LE\_2001.DWG  
Project Management Initials: Designer: RM Checked: RM Approved: AP

- HEDGE PLANTING MATRIX DOUBLE STAGGERED ROW WITH STOCKPROOF FENCE**
- THE HEDGE PLANTING TO BE CARRIED OUT IN A SINGLE TRENCH DUG 800mm WIDE x 400mm DEEP AND TO THE REQUIRED LENGTH.
  - MIX THE DUG SOIL WITH A SLOW RELEASE FERTILIZER AND AN APPROVED SOIL AMELIORANT.
  - BREAK UP THE SOIL IN THE BASE OF THE TRENCHES.
  - PREPARE THE PLANTS BY: PRUNING BACK ANY DAMAGED ROOTS TO HEALTHY GROWTH; PLACING ROOTS OF WAITING PLANTS IN WATER WHILST PLANTING; APPLYING AN APPROVED ROOT-DIP MYCORRHIZAL INOCULANT; 5ml / 2-3" WHIP & 7ml / 2-3" WHIP AS 028386A.
  - PLACE THE PLANTS IN THE TRENCH IN A DOUBLE STAGGERED ROW.
  - BACKFILL THE TRENCH TO HALF ITS DEPTH AND FIRM BY TREADING. CONTINUE PLANTING THE TRENCH.
  - ONCE PLANTED, BACKFILL WITH THE REMAINING SOIL AND FIRM AS BEFORE.
  - TOPRESS THE PLANTING AREA WITH A 75mm DEPTH OF BARK MULCH COMPACTED TO 50mm.
  - IN MARCH CUT THE PLANTS BACK TO WITHIN 1250mm OF THE GROUND TO ENCOURAGE BUSHY GROWTH FROM THE BASE.
  - WIRE MESH FENCING: 1150mm HIGH CATTLE FENCE. GAUGE TOP AND BOTTOM 3mm. GAUGE INTERMEDIATE 2.5mm. ALL WIRE COATED WITH GALFAN HIGHLY CORROSION RESISTANT ZINC AND ALUMINIUM ALLOY.
  - 100mm Ø STRAINING POST AND 75mm Ø STRUTS SHOULD BE INSTALLED AT A MINIMUM OF EVERY 100m AND AT ALL CHANGES OF DIRECTION, AT SIGNIFICANT CHANGES OF LEVELS AND AT THE ENDS.



ELEVATION

01 TYPICAL HEDGE DETAIL WITH STOCKPROOF FENCE - 5 plants/lm  
SCALE: 1:20

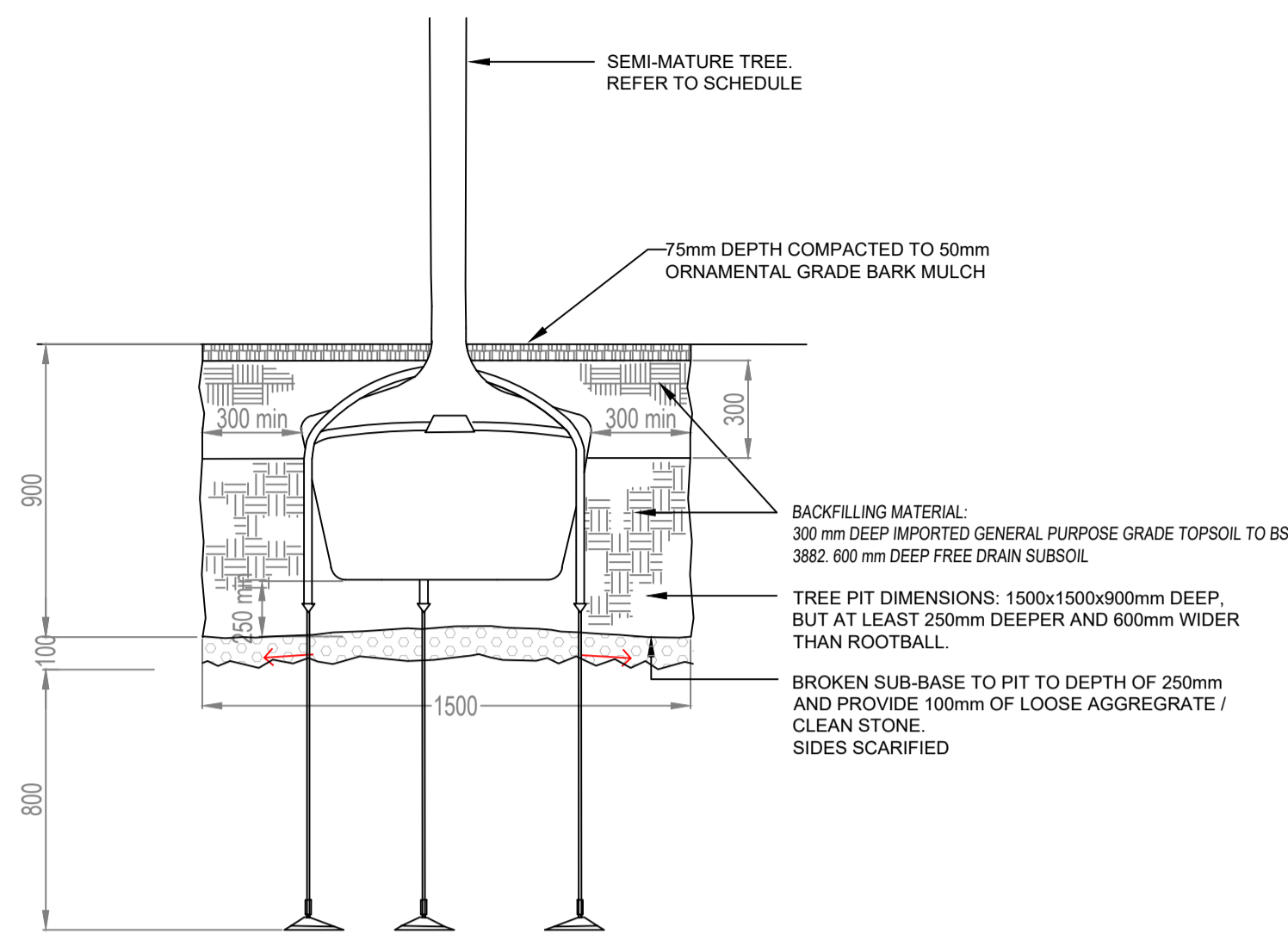
**TREE PIT NOTES:**

**SEMI-MATURE TREES:**  
SUPPLIED BY APPROVED NURSERY.  
ROOTS AND TRANSPLANT TO BS 4043 .  
TREE CENTRED IN THE TREE GRILLE.  
THE TOP OF THE ROOTBALL AT THE SAME LEVEL AS THE SURROUNDING GROUND AS GROWN IN THE NURSERY BUT WITH A MINIMUM OF INFILL MATERIAL AS COVER.

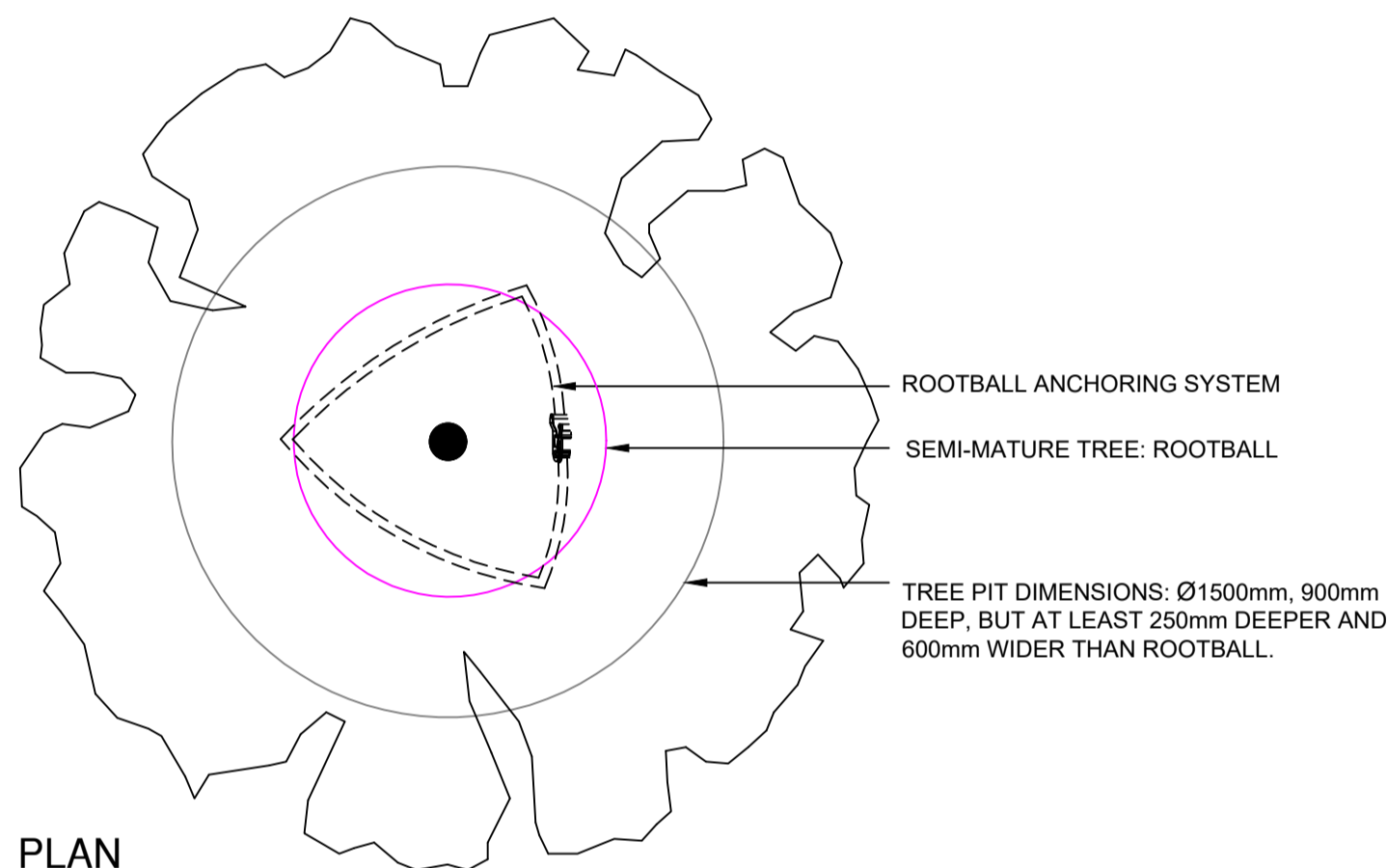
- SOIL FOR SOFT AREAS:**
- BACKFILLING: BACKFILL IN LAYERS. INTERNAL AND EXTERNAL BACKFILLING SHOULD PROCEED TOGETHER SO THAT THE ROOT DIRECTOR IS NOT DISTORTED.
  - SANDY LOAM SUBSOIL TO BS 8601. SEMI-MATURE TREE POSITIONED WITHIN THE PIT.
  - LOAMY TOPSOIL TO BS 3882.

**ROOT DIRECTOR:** RE-ROOT 1000 OR EQUAL AND APPROVED, 1mm THICK, 1000mm DEEP. DO NOT BURY THE TOP EDGE OF THE ROOT DIRECTOR WITH SOIL AS THIS COULD ALLOW ROOTS TO GROW OVER.  
**UNDERGROUND GUYING:** TO BE INSTALLED BEFORE COMPLETION OF BACKFILLING.

MYCORRHIZAL INOCULATION AS MANUFACTURER'S INSTRUCTIONS.

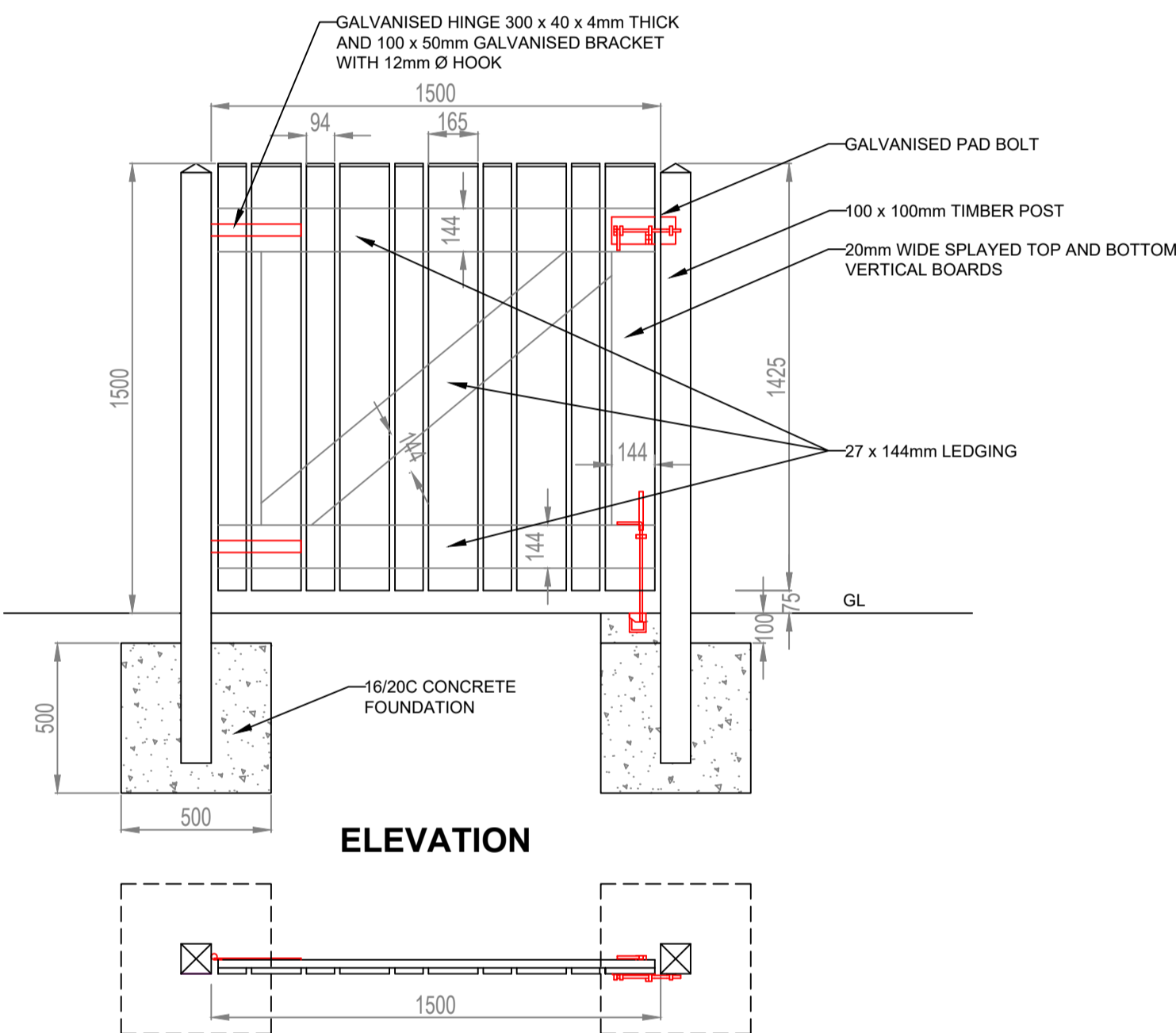


SECTION



PLAN

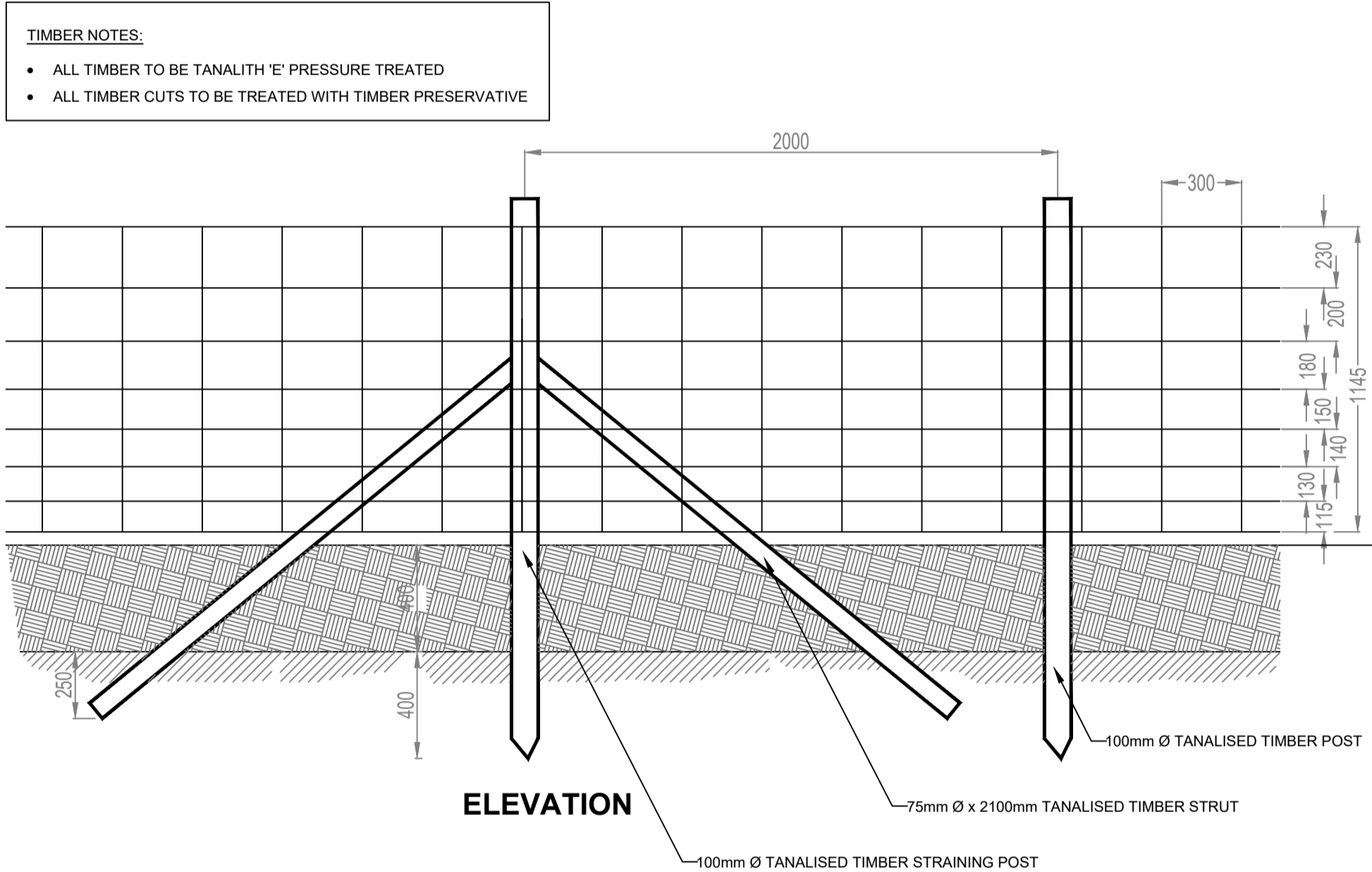
04 SEMI-MATURE TREE PIT DETAIL IN SOFT AREA  
SCALE: 1:20



ELEVATION

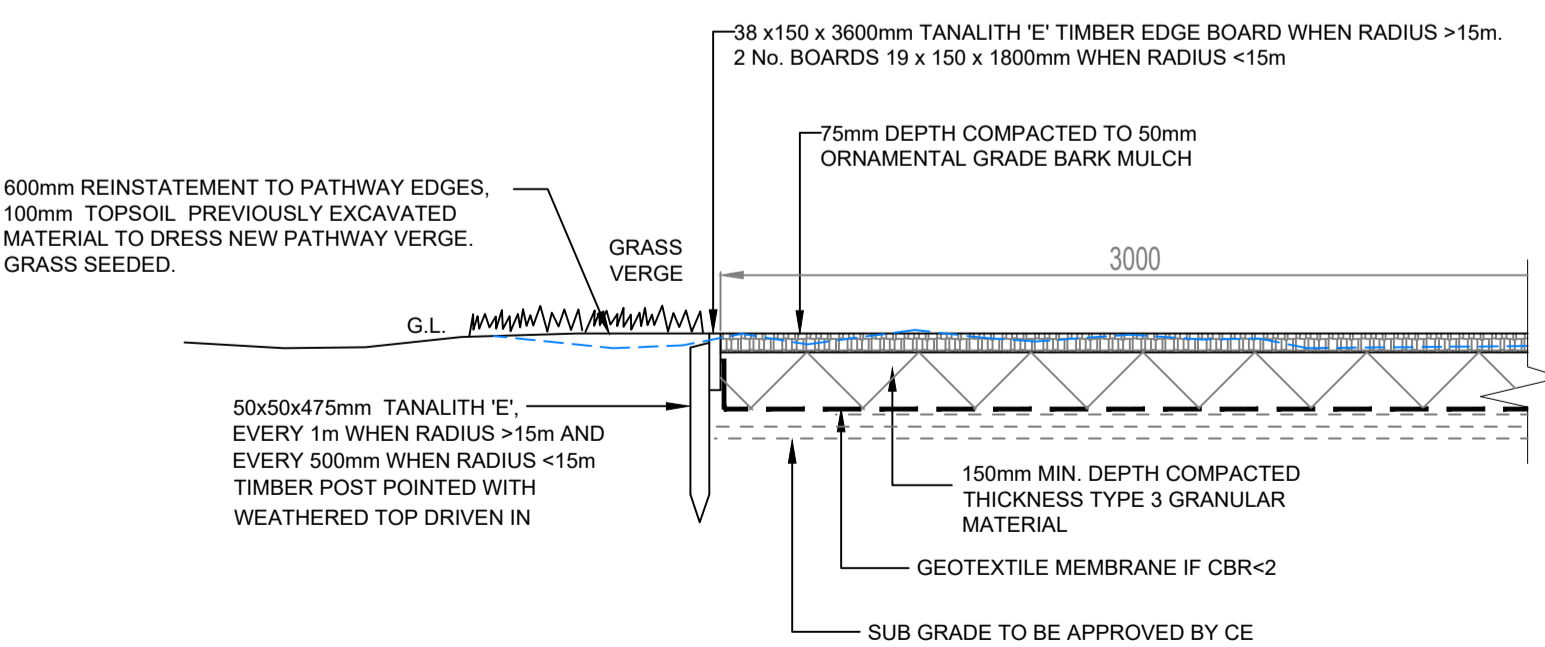
PLAN

02 TIMBER GATE SINGLE LEAF 1.5m WIDE  
SCALE: 1:20

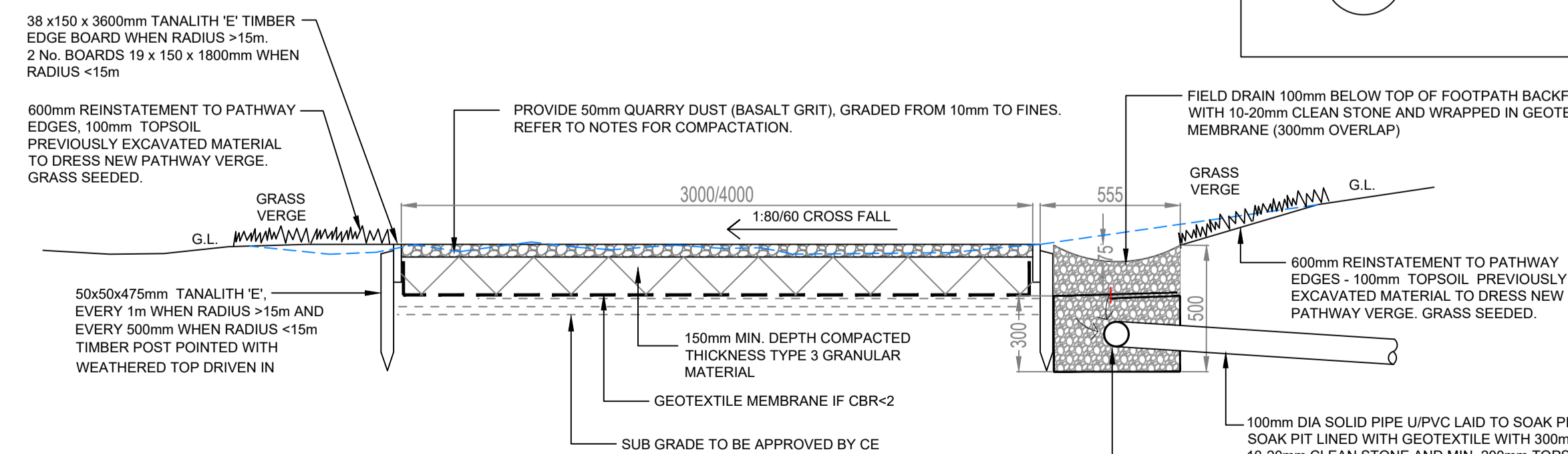


ELEVATION

03 TYPICAL 1.15m HIGH STOCKPROOF FENCE - LONG SECTION  
SCALE: 1:20



05 BARK PATH WITH TIMBER EDGES  
SCALE: 1:20



06 SELF-BINDING GRAVEL PATH WITH TIMBER EDGES  
SCALE: 1:20

**SELF-BINDING GRAVEL COMPACTION NOTES:**  
PROVIDE 50mm QUARRY DUST, GRADED FROM 10mm TO FINES, COMPACTED TWICE.  
FIRST: DRY ROLLED WITH VIBRATORY ACTION, MIN. 1.5 TONNES.  
SECOND: WATER ROLLING WITH NO VIBRATORY ACTION. WATER SHOULD BE SPRAYED ON THE WHEELS OF THE ROLLER AND NEVER DIRECTLY ONTO THE MATERIAL. MAXIMUM SLOPE 1:15.  
TO BE LAID WITH A CAMBER OR CROSSFALL TO ALLOW WATER TO DISPERSE. THIS PRODUCT MUST NOT BE LAID WHEN SOAKING WET OR BONE DRY AS COMPACTION WILL BE LOST.

**AECOM**

**PROJECT**

UPSURGE DEMO SITE

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**LEGEND**

SCALE AS SHOWN@A1

**ISSUE/REVISION**

C	09/06/2023	REVISED TREE NUMBERS
B	14/03/2023	ISSUED FOR INFORMATION
A	20/02/2023	ISSUED FOR INFORMATION
I/R	DATE	DESCRIPTION

**KEY PLAN**

**PROJECT NUMBER**

60340741

**SHEET TITLE**

UPSURGE DEMO SITE  
PHASE 1  
DETAILS & PLANTING SCHEDULE

**SHEET NUMBER**

60340741\_028\_UDS\_SHT\_AEC\_LE\_2001