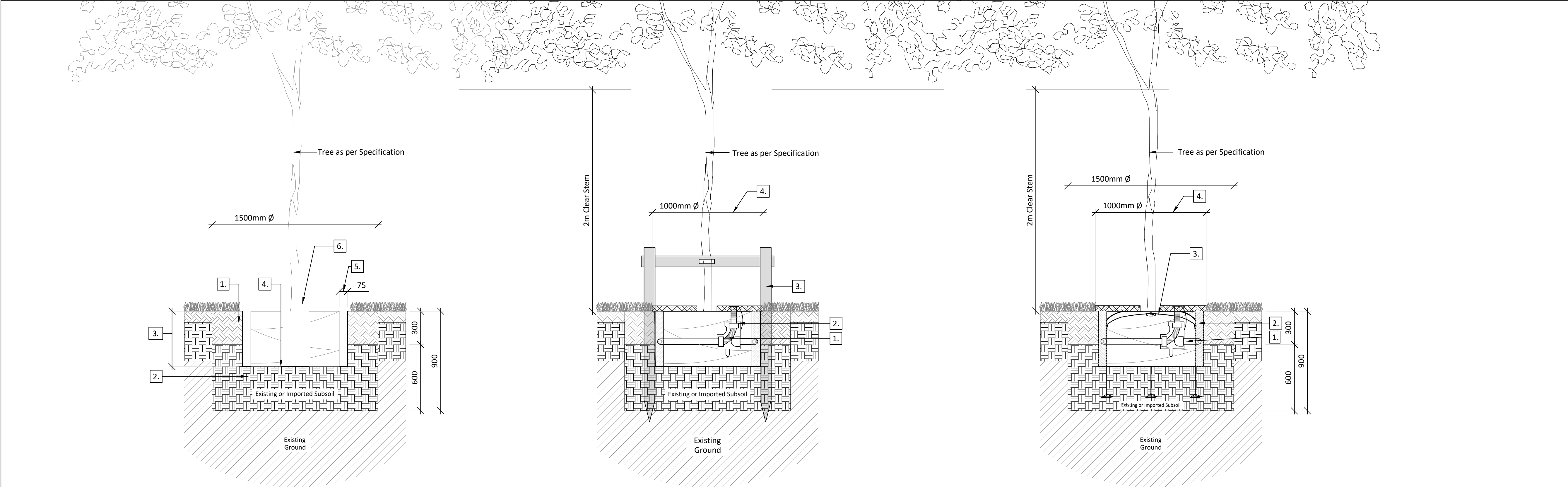




01
DT-01

TREE PIT GROUND PREPARATION
Scale 1:20

Step 1

900mm Soil Profile for Proposed Trees in areas of open ground

DETAIL REFERENCES:

- 1500mmØ 300mm of topsoil (Existing or imported but compliant with BS 3882:2015)
- 1500mmØ 600mm of subsoil (Existing or imported but compliant with BS 8601:2013)
- Tree pit excavated no deeper than the height of container or rootball
- Base of tree pit to be left undisturbed and not broken up unless drainage problems are apparent - refer BS8545:2014 for recommendations
- Tree pit width an additional 75-100mm min than container to allow room for placement
- Root flare and top of rootball to be slightly proud of soil

02
DT-01

**TREE SUPPORT AND ACCESSORIES
DOUBLE STAKE IN OPEN SPACE**
Scale 1:20

DETAIL REFERENCES:

- Perforated plastic pipe irrigation system (if required)
- Backfill pit with soil removed whilst digging tree pit, ensuring that existing top and subsoil horizons are kept intact i.e. back fill with loosened subsoil then finish top 300mm with top soil, providing soil has been tested and is of good quality in accordance with BS 8601:2013. Soil to be improved with slow released fertiliser 70g per tree, or as per manufacturers recommendations
- Double stake, 100mm diameter untreated sweet chestnut or larch, driven vertically into bottom of pit (outside of the rootball and irrigation pipe) to a min depth of 300mm below the rootball and so that a maximum of 500mm is above ground. Secure tree using cross strut with approved biodegradable tie and flat black spacer. Stake to be removed when tree has established, (typically 3-5 years) refer specification for details
- 1000mmØ 50-75mm well-composted bark mulch to top of tree pit. Freshly shredded green waste is not acceptable - refer to specification for details

03
DT-01

**TREE SUPPORT AND ACCESSORIES
UNDERGROUND GUYING IN OPEN SPACE**
Scale 1:20

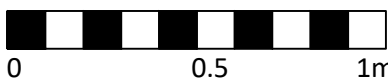
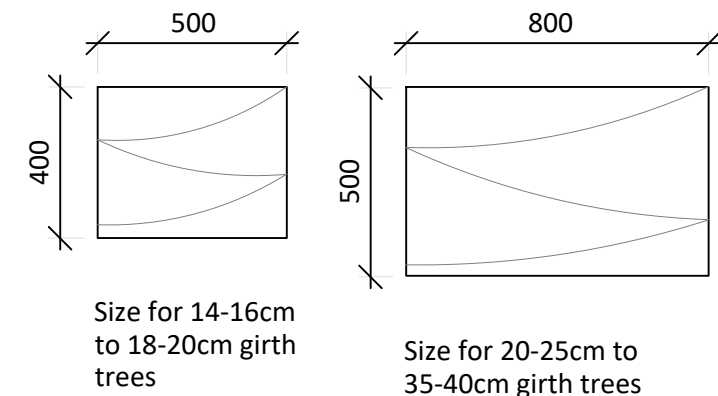
DETAIL REFERENCES:

- Perforated plastic pipe irrigation system (if required)
- Backfill pit with soil removed whilst digging tree pit, ensuring that existing top and sub soil horizons are kept intact i.e. back fill with loosened subsoil then finish top 300mm with top soil, providing soil has been tested and is of good quality in accordance with BS 8601:2013. Soil to be improved with slow released fertiliser 70g per tree, or as per manufacturers recommendations
- Platipus Plati-Mat Rootball Fixing System:
RF1P (for trees with 12-25cm circumference)
3 x S41 Anchors
1 x ratchet tensioner with 4m of 3mm galvanised wire
3 x Plati-Mat rootball protection mesh
RF2P (for trees with 25-45cm circumference)
3 x S61 Anchors
1 x ratchet tensioner with 5m of 3mm galvanised wire
3 x Plati-Mat rootball protection mesh
- 1000mmØ 50-75mm well-composted bark mulch to top of tree pit. Freshly shredded green waste is not acceptable

NOTES

- All details to comply with BS 8545:2014 Trees: From Nursery to Independence in the landscape, BS 3882:2015 Specification for topsoil, BS8601:2013 Specification for Subsoil and BS5837:2012 Trees in relation to construction.
- No additional drainage or irrigation system is required
- All timber to come from FSC (Forest Stewardship Council) certified sources/suppliers.
- Root barriers to be provided where tree pit abuts service margin. Refer to specification (where provided) and engineers details.
- All materials and products to meet relevant British Standard.

APPROXIMATE CONTAINER SIZES



Consultant Information



Consultant Reference 2956–PH1B–DT–14

P1	12/10/22	First Issue	UA	JH
Rev.	Date	Description		

Original size 100mm — this print may be reduced

Note: All dimensions, materials and workmanship in accordance with NHBC standards and Building Regulations.
Do not scale from this drawing. All dimensions to be verified with the drawing office.
All dimensions shown are structural unless otherwise stated.

Bellway

Thames Gateway

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Project

**HARBOUR-VILLAGE-PHASE-1B
SALES-AREA**

Drawing Title

TYPICAL-TREE-PIT-DETAILS

Scale	Date	Drawn	Approved
1:20	12/10/22	UA	JH

Drawing No	Rev.
2956-PH1B-DT-14	P1