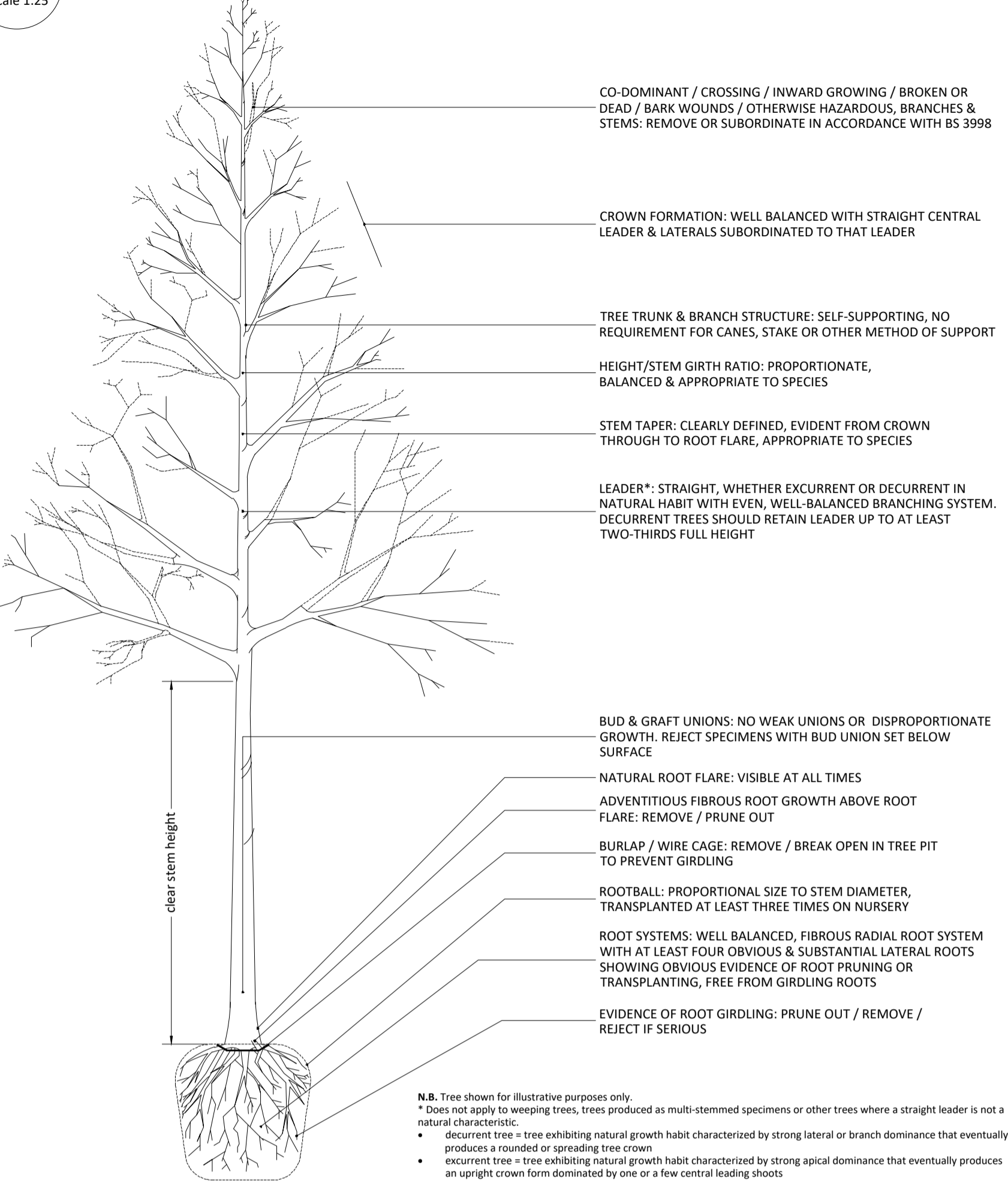


1. TREE STOCK, GENERALLY

Scale 1:25



2. GENERAL TREE PLANTING PRINCIPLES

TREE SUPPORT SYSTEMS & IRRIGATION MEASURES OMITTED FOR CLARITY

TREE PIT: PLAN VIEW

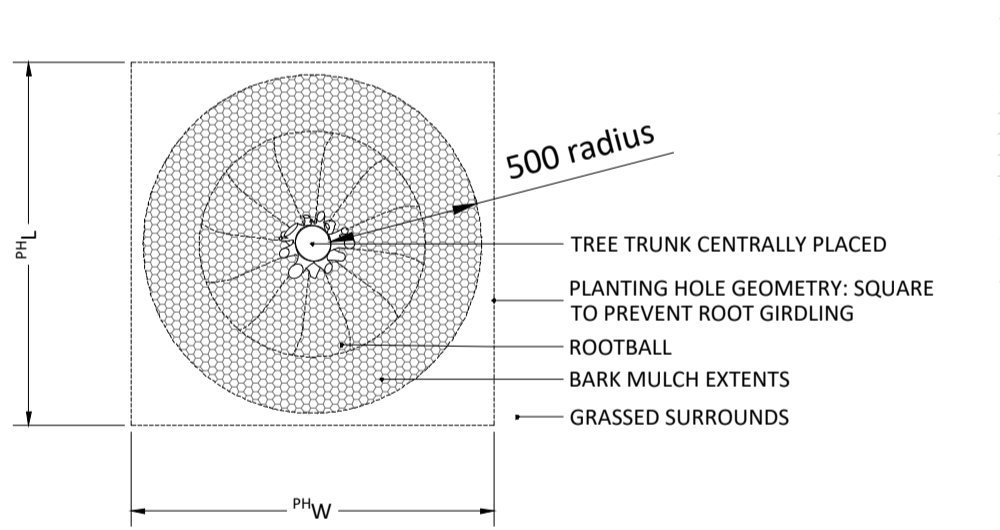
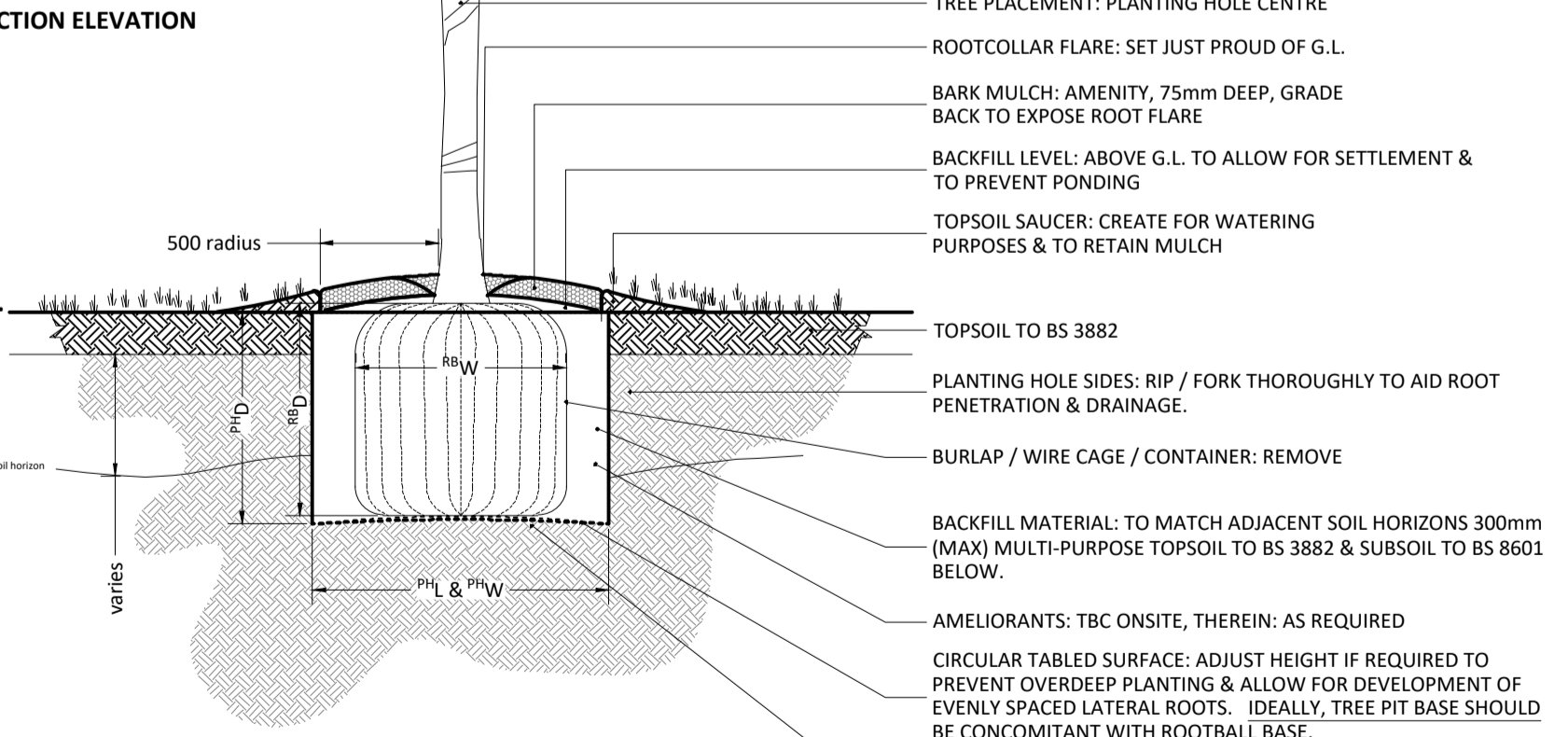


Table 1: TREE PIT DIMENSIONS

Table with 4 columns: FORM, GIRTH, DIMENSIONS (m), PLANTING HOLE DIMS (mm). Rows include LS, S, SSe, H, E, SM with corresponding measurements for girth and planting hole dimensions.

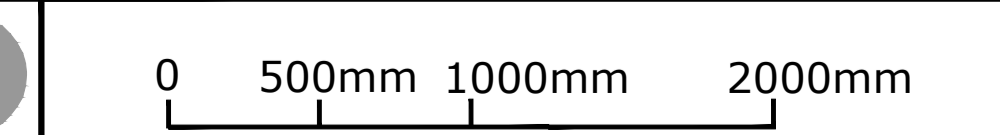
where: 'lg' = Rootball diameter, 'Pm' = Rootball depth; 'L' = Planting Hole length, 'W' = Planting Hole width, 'Dp' = Planting Hole depth; 'LS' = Light Standard, 'S' = Standard, 'SSe' = Selected Standard, 'H' = Heavy Standard, 'E' = Extra Heavy Standard, 'SM' = Semi Mature; N.B. Staked tree planting hole dimensions to accommodate the rootball give a minimum; Rootball dimensions can, & do, vary; some variance is to be expected naturally between species, tree stock suppliers and seasons. In the event the rootball exceeds the stated dimensions, the contractor shall seek advice from the Landscape Architect before commencing further. Thereafter, the Landscape Contractor shall ensure the hole is Open Ground to the advice given in BS 8452; 2014 with the exception of the pit dimensions which shall be varied to achieve a minimum dimension of 150mm greater than the rootball. Tree planting hole depth shall generally be no greater than the existing rootball or container depth. The Landscape Contractor shall take care not to damage any underground utilities before commencing.

SECTION ELEVATION



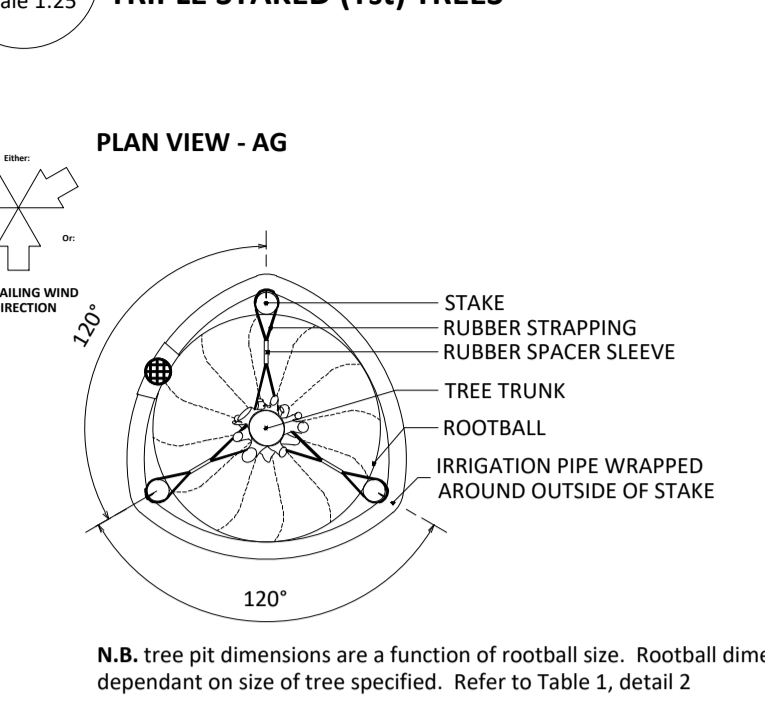
N.B. tree pit dimensions are a function of rootball size. Rootball dimensions are dependant on size of tree specified. Refer to Table 1.

- N.B. BS 8545: 2014 states that, "Sensible tree pit design begins with intention of doing as little as possible other than digging a pit, planting the tree, and using the existing soil, separated as subsoil and topsoil, as backfill. Each additional level of complexity added to the basic pit design can be related to the amelioration of a particular constraint".
- Tree shown planted in open ground in optimal conditions with minimal site constraints.
- Tree support systems are omitted for clarity.
- Tree pit dimensions are a function of rootball size. Rootball dimensions are dependant on size of tree specified. Refer to table.

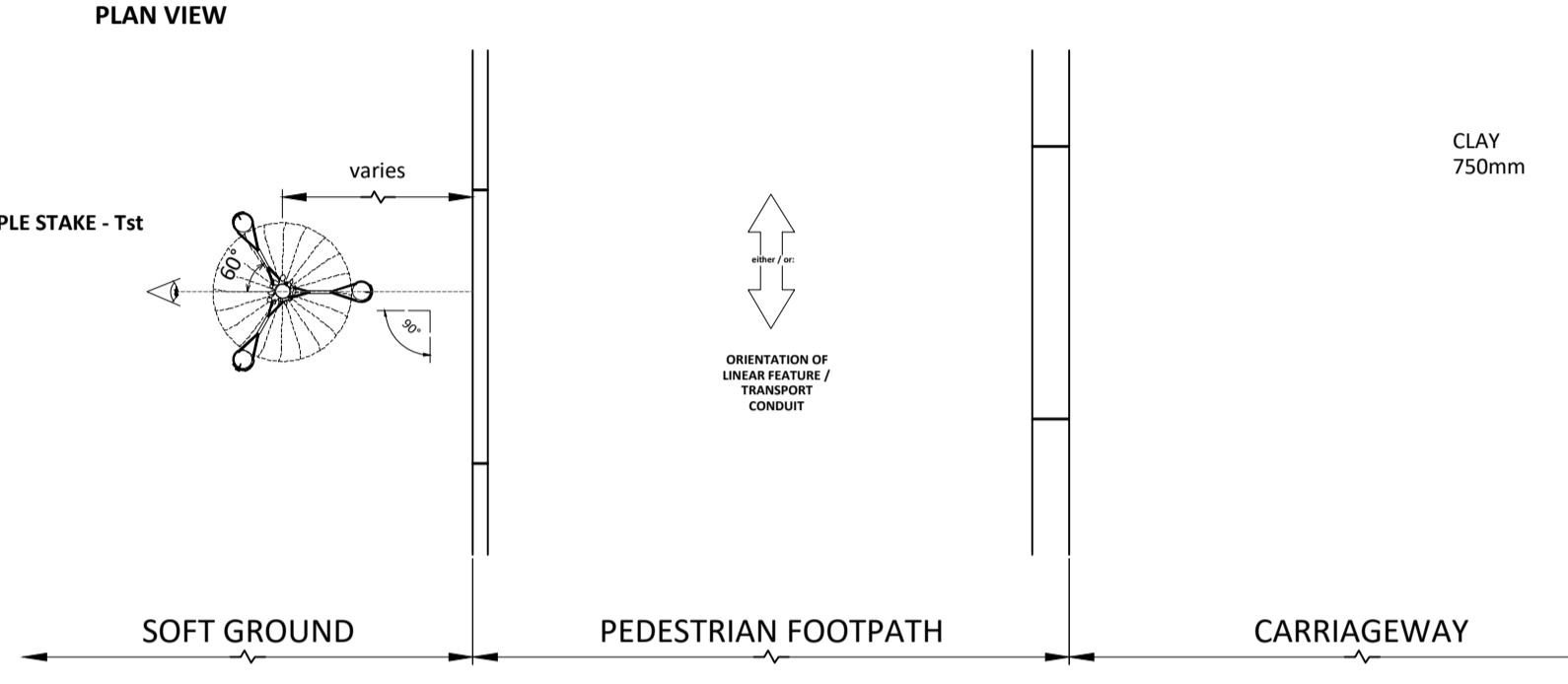


3. ABOVE GROUND SUPPORT TRIPLE STAKED (Tst) TREES

Scale 1:25



STAKE TYPE ORIENTATION IN PROXIMITY TO TRANSPORT CONDUITS / AVENUE / SPINE ROAD PLANTING / ETC.



4. BELOW GROUND TREE SUPPORT UNDERGROUND GUYED (UG) TREES

Scale 1:25

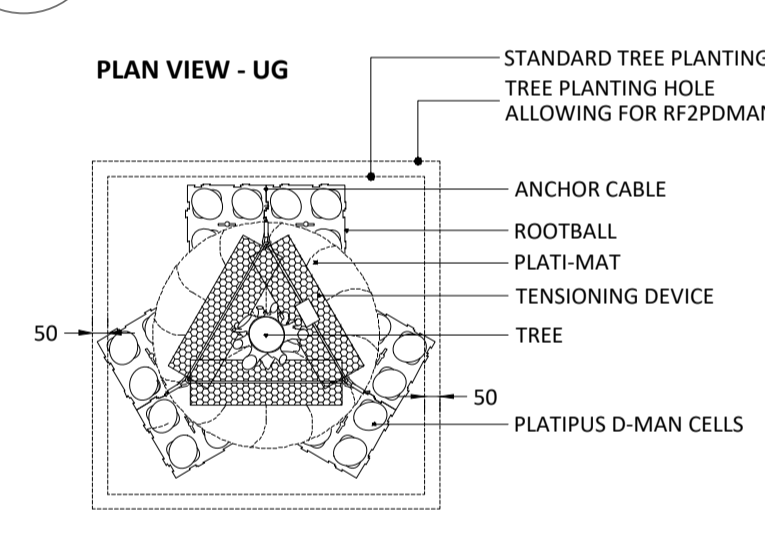
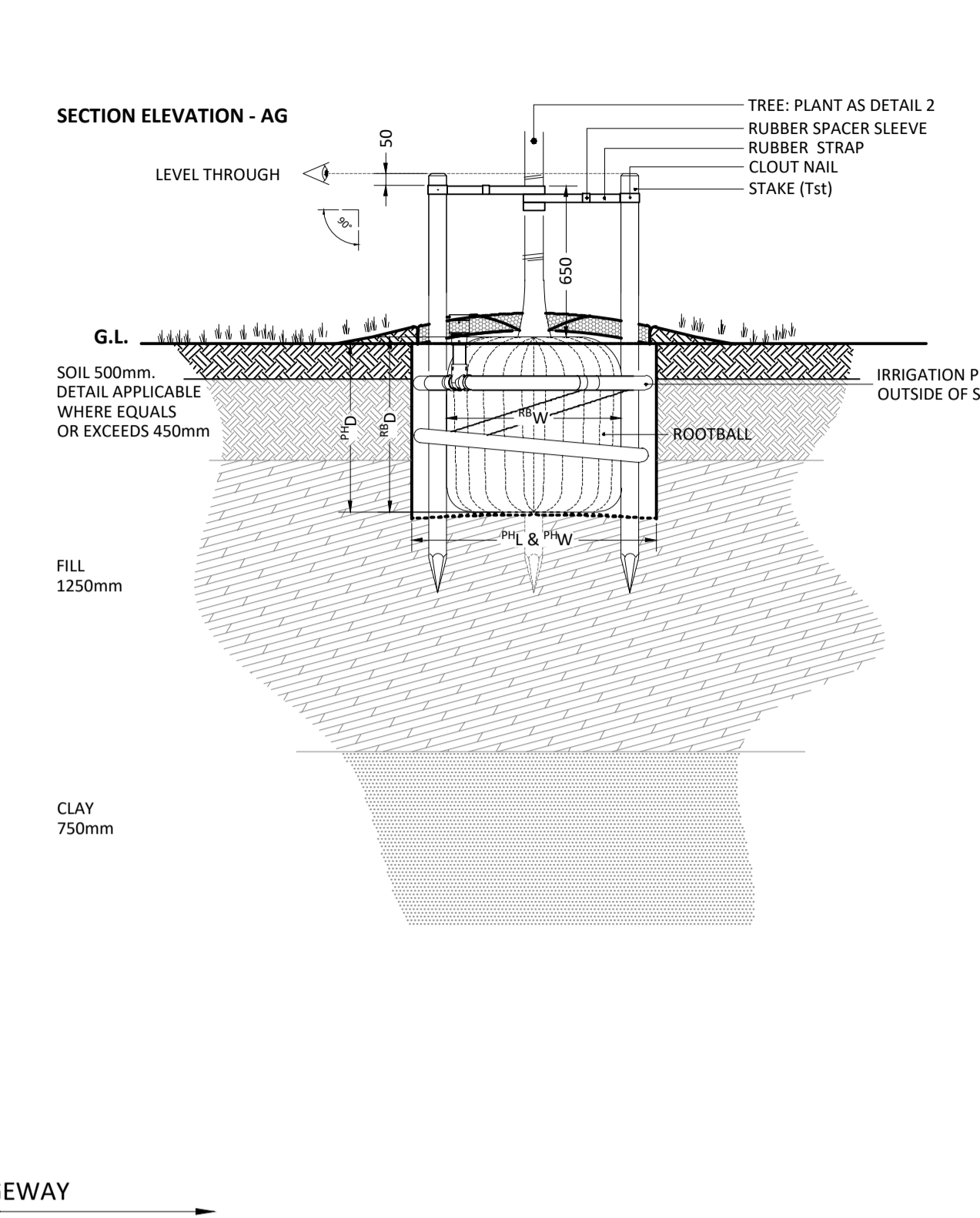


Table 2: VERGE GUYING SCHEDULE

Table with 2 columns: ITEMS, SPECIFICATION. Rows include EARTH ANCHORING SYSTEM, MANUFACTURER, MODEL, D-MAN CELL DIMENSIONS, CODE, SUITABLE FOR, and SYSTEM COMPRISING.

N.B. Earth Anchoring Systems are to be installed to manufacturer's recommendations & requirements with a minimum of 3no. earth anchors & associated cables to be fitted per tree. The RFP20MAN system has been preferentially selected over the RFP18MAN system b/c of adverse site conditions (exposure, wind & ground conditions).

SECTION ELEVATION - AG



SECTION ELEVATION - UG

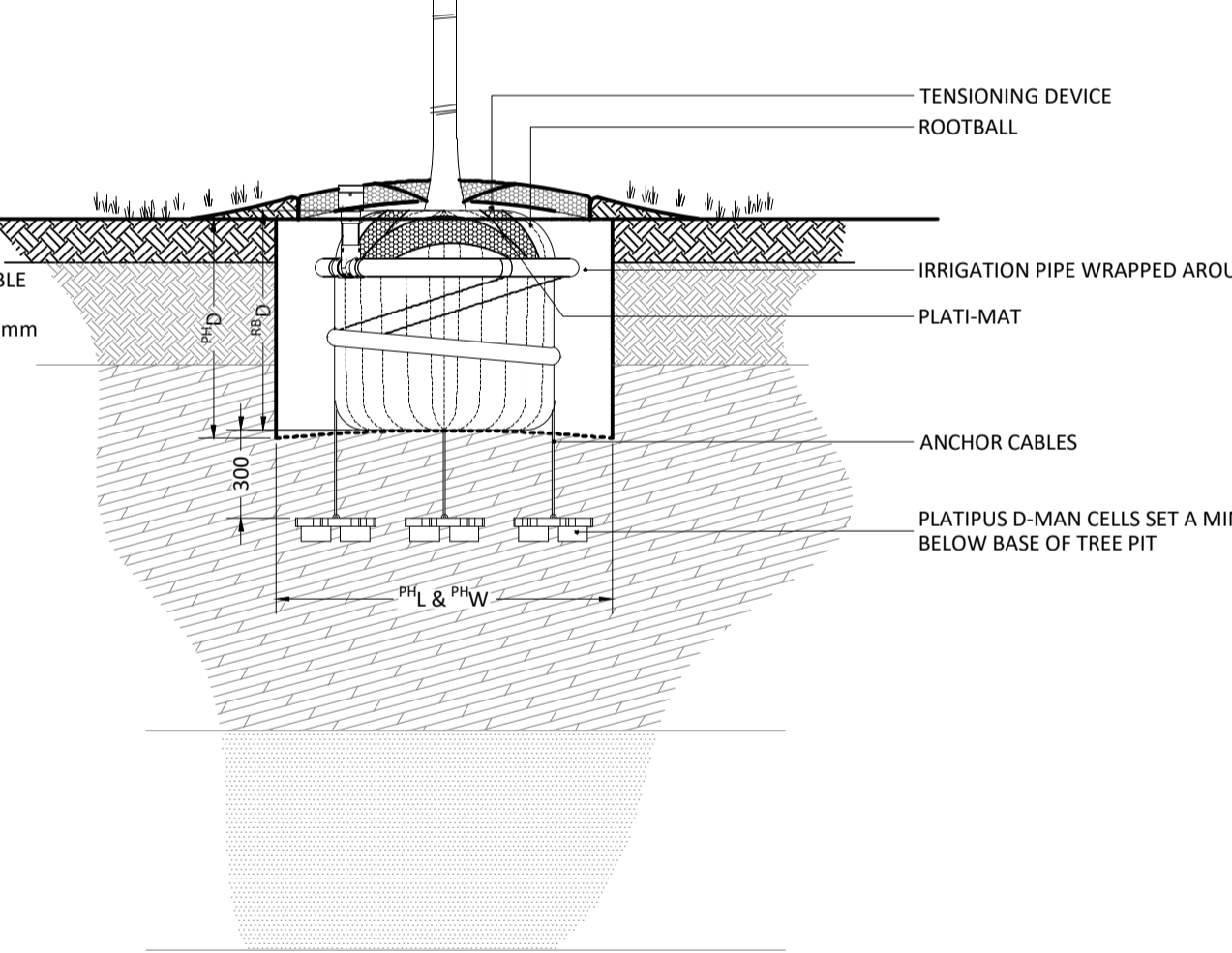


Table 3: TREE PLANTING ACCESSORIES INVENTORY

A large table listing various tree planting accessories such as Form, Tree Support System, Stake, Rubber Block, Rubber Spacer, Rubber Bell, Earth Anchoring, and Irrigation Systems, with their specifications and quantities.

GENERAL TREE PIT PLANTING NOTES:

- 1. SPECIFIED MATERIALS: all to be installed in accordance with the manufacturer's recommendations and/or instruction.
- 2. PLANTING GENERALLY: Correct planting depth is critical for transplanting success, with over-deep planting identified as a common cause of failure. The Contractor shall therefore ensure that the natural root flare of the tree is clearly visible at proposed finished soiling surface. To ensure that correct final planting position / depth is achieved, the Contractor shall therefore take care to remove all: soil placed above natural root flare during nursery packaging & production - rootballing, containerization, etc.
- 3. BACKFILL MATERIAL: Open ground & Verges: select 'as dug' material to be reused taking care to match adjacent soil horizons (where suitability assured for tree growth); TBC onsite by Contractor. All 'as dug' topsoil material to conform to BS 3882:2015 General Purpose Topsoil & shall be reinstated to a depth of no more than 300mm. Remove all deleterious material arising (weeds, broken brick & large stones, etc). Backfill & lift in layers no greater than 150-230mm deep. Compact to between 1.5 - 2.0 mega pascals: tread down using footfall, paying particular attention to the planting hole edges and rootball extents to eliminate voids. Avoid over compaction.
- 4. BACKFILL SOIL AMELIORANTS: The Contractor shall satisfy himself of the general suitability of the topsoil supplied for long term tree growth. Reason: to ensure the long term longevity of the tree supplied. Thereafter: to suit site conditions. Typically, this may comprise 0.5kg of broadleaf p4 or similar (pre-hydrated with water) thoroughly mixed with the topsoil until the medium is homogeneous.
- 5. ARSINCS: all deleterious material arising, shall be removed offsite to a licensed tip by the Contractor.
- 6. TREE SUPPORT SYSTEMS: Unless otherwise stated, all trees shall be supported as identified on the Softworks drawings which use both the Triple Stake (Tst) & Underground Guyed (UG) method of tree support.
- 7. ROOT PROTECTION MEASURES: supply & install permeable rootbarriers (Terram RootGuard, or equal & approved) to a min. depth of 600mm below ground.
- 8. IRRIGATION: Open ground & Verges: Create topsoil chucer as Detail 2. Water at frequency necessary to ensure establishment & survival.
- 9. DRAINAGE: the contractor shall satisfy himself that the tree pit is free draining. The contractor shall notify the Contract Administrator of any problem areas and await further instruction before proceeding further. Reason: to ensure the longevity & viability of the tree supplied. TBC onsite.
- 10. BARK MULCH: Amenity, 8-40mm particle size, mid dark brown, Rolawn (or equal & approved). Coverage: 75mm deep, 1m Ø around base of tree.

Notes: This Drawing is for Planning purposes only. Do not use this drawing for Construction. The information contained in the drawing should be used as a guide to the final forms and finishes of the landscape scheme. Any revisions to be approved by the Client and Local Authority. Do not scale this drawing. Use given dimensions only. Spring: refer to Engineers for information regarding setting out. In the event of discrepancy refer to Engineers in the first instance. Survey: Original survey provided by the Client. Services: Where possible these are identified on the drawings but, for the avoidance of doubt all service/utility locations should be confirmed in situ until identified on site. To ensure those services, utilities shown are correct refer to the current utility survey provided or utilities designer or Client for confirmation and further information regarding easements. In the event of new services being installed refer to the appointed Engineer & it is recommended that house number boxes / letter boxes cable / landline services to be installed over at service routes (to remain on site) to current BS guidelines (BS1771).

Drawing Revision

Table with 4 columns: Rev, Date, Description, DRN, CKD. Row 1: R1, 20/12/2019, First Issue, SL, SL.

Status: PLANNING DAVID JARVIS ASSOCIATES DAVID JARVIS ASSOCIATES LIMITED 1 Tennison Street Swindon Wiltshire SN1 5DT t: 01793 612173 e: mail@ davidjarvis.biz w: www.davidjarvis.biz

Client: BARRETT DAVID WILSON HOMES

Project: WHITE POST ROAD, BODICOTE

Drawing Title: TYPICAL TREE PLANTING DETAILS

Scale: 1:25 Sheet Size: A1 Date: DEC 2019

Client Ref. Drawing Ref. Drawing No. Status: - 2832-5-2 DR-5500 P1