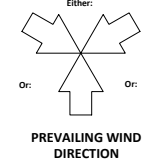


Z:\2898 Land North of Horsham\2898-5-5 DESIGN\2898-5-5 VEG-0003-SS-P5 Tree Planting Details.dwg

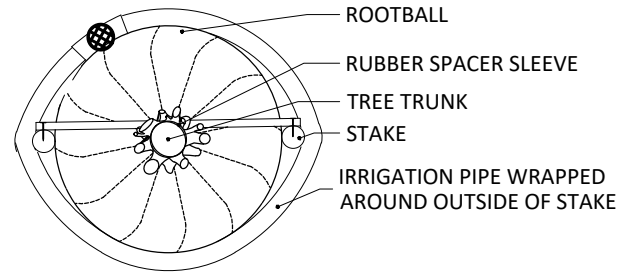
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1.
Scale 1:25

ABOVE GROUND (AG) SUPPORT DOUBLE STAKED WITH CROSSBAR (DstXB) TREES

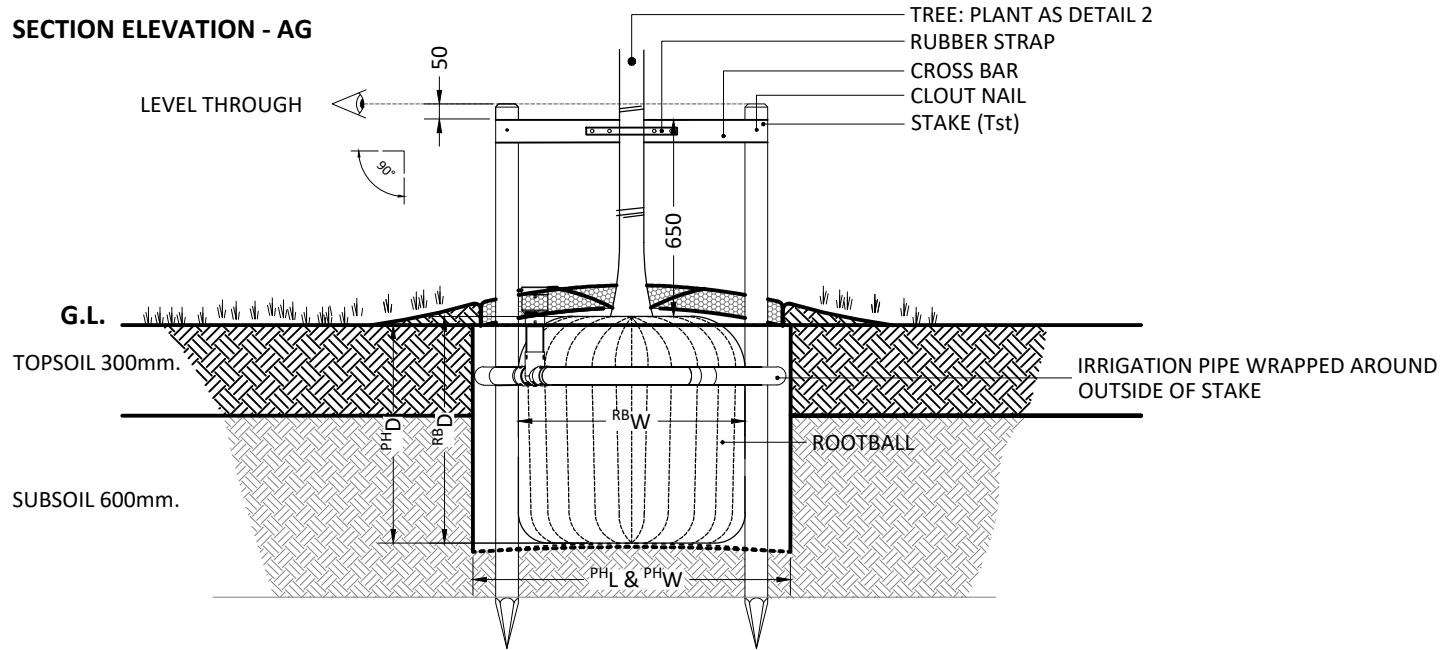


PLAN VIEW - AG



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

SECTION ELEVATION - AG



VERGE GUYING SCHEDULE

ITEMS	SPECIFICATION
EARTH ANCHORING SYSTEM:	UNDERGROUND GUYED
MANUFACTURER:	PLATIPUS
MODEL:	D-MAN
D-MAN CELL DIMENSIONS:	270x270x80mm (LxWxD)
CODE:	RF2PDMAN
SUITABLE FOR:	12-45cmg TREES
SYSTEM COMPRISING:	3no. Wire Chokes, 5m galvanised wire, 1no. ratchet tensioner, 3no. Plati-Mats, 6no. D-MAN cells (3 x 2no. cells connected).

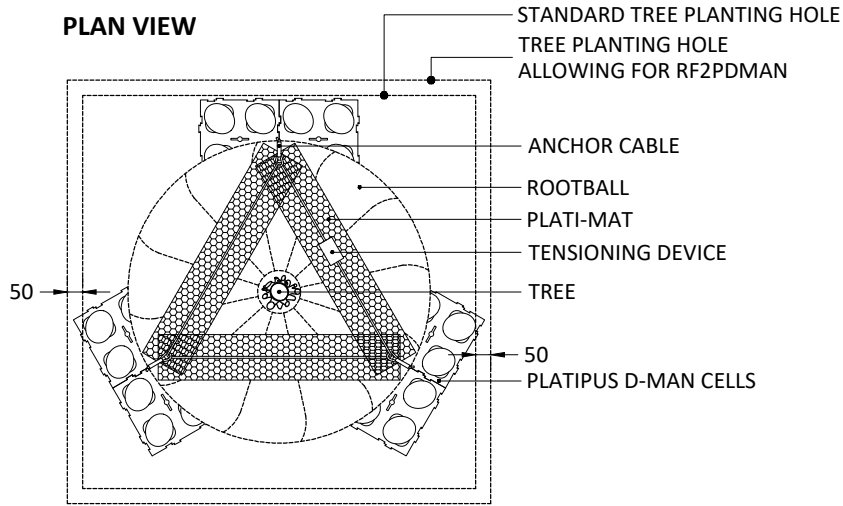
N.B. Earth Anchoring Systems are to be installed to manufacturer's recommendations & requirements with a minimum of 3no. earth anchors & associated cables to be fitted per tree.

Although 16-18cmg trees are specified, the RF2PDMAN system has been preferentially selected over the RF1PDMAN system b/c of adverse site conditions (exposure, wind & ground conditions).

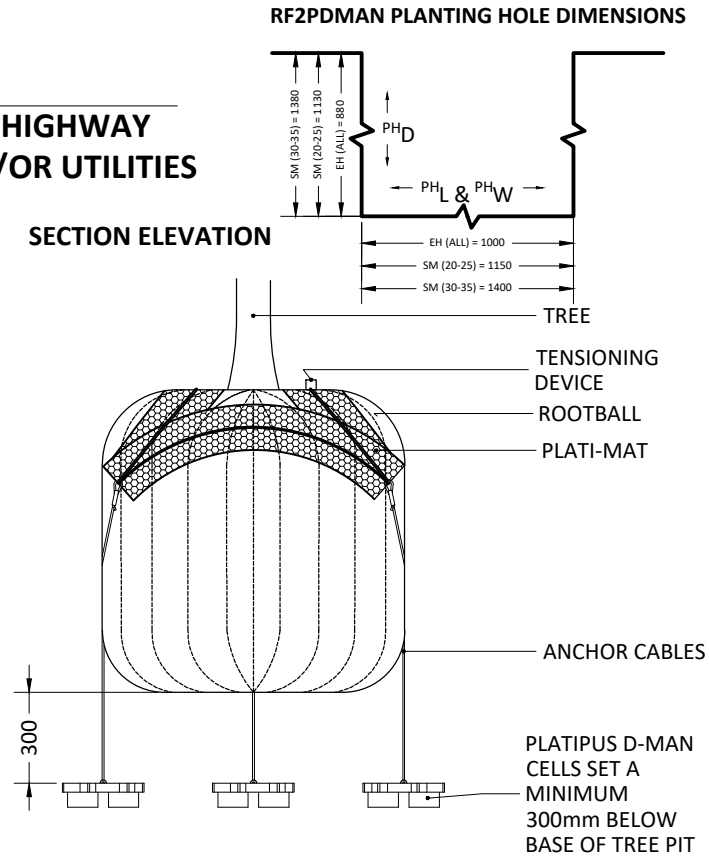
2.
Scale 1:25

BELOW GROUND (BG) SUPPORT EARTH ANCHORING WITH DOUBLE STAKING; HIGHWAY TREES IN VERGES: DISTURBED GROUND AND/OR UTILITIES

PLAN VIEW



SECTION ELEVATION



TREE PLANTING ACCESSORIES INVENTORY

Planting Type:	AG TREES		BG TREES	
Form:	EH	SM	EH	SM
Girth / Height:	14-20	20-25	14-20	20-25
Planting Hole Dimensions (length, width, depth - mm):	L:	900	1050	1000
	W:	900	1050	1150
	D:	500	750	880
Bark Mulch Dimensions radius & depth (mm):	R:	500	500	500
	D:	75	75	75
Tree Support System:	AG	AG	BG	BG
Tree Support Height (mm):	650	650	650	650
Stake Type:	DstXB	DstXB	DstXB	DstXB
Stake Diameter (mm):	60	75	60	75
Stake Length (m):	1.8	1.8	1.8	1.8
Tree Tie Type:	BB	BB	BB	BB
Rubber Block Type:	RSB2	RSB2	RSB2	RSB2
Rubber Spacer Type:	N.A.	N.A.	N.A.	N.A.
Rubber Belt Type:	S2	S2	S2	S2
Earth Anchoring Type:	N.A.	N.A.	RF2PDMAN	RF2PDMAN
Irrigation Systems:	RRCVIC2	RRCVIC 2	RRCVIC 2	RRCVIC 2

Form:

F = Feathered, LS = Light Standard, S = Standard, SSe = Selected Standard, H = Heavy Standard, EH = Extra Heavy Standard, SM = Semi Mature

AG = Above Ground, UG = Under Ground.

BB = Belt & Block, BS = Belt & Spacer, EA = Earth Anchoring

RSB1 = Standard Double Rounded Block 50mm x 35mm for use with 24mm belting.

RSB2 = Standard Double Rounded Block 65mm x 50mm for use with 35mm belting.

FBS1 = 25mm Slot, Standard Flat Back Block 50mm x 35mm for use with 24mm belting

FBS2 = 37mm Slot, Standard Flat Back Block 65mm x 50mm for use with 35mm belting

SLV130 = 30cm x 25mm for use with 24mm belting

SLV230 = 30cm x 40mm for use with 35mm belting

SLV290 = 90cm x 40mm for use with 35mm belting

S0 = 15mm x 2mm x length, standard reinforced rubber belting

S1 = 24mm x 2mm x length, standard reinforced rubber belting

S2 = 35mm x 2mm x length, standard reinforced rubber belting

S3 = 48mm x 2mm x length, standard reinforced rubber belting

HD2 = 35mm x 3mm x length, Heavy duty rubber belting

HD2 = 50mm x 3mm x length, Heavy duty rubber belting

RF2PDMAN = cabled large anchor system w/t deadmen composite anchors, webbing strap & ratchet tensioners. For trees up to 45cmg.

RRCVIC 2 = Greenleaf RootRain Civic 2, 60mm Ø, 5m long, 80mm inlet, reducer & end cap, 60mm vertical pipe cut to suit onsite.

Tree Support System:

Tree Tie Type:

Rubber Block Type:

Spacer Type:

Belting Type:

Earth Anchoring:

Irrigation System:

GENERAL TREE PIT PLANTING NOTES:

- SPECIFIED MATERIALS:** all to be installed in accordance with the manufacturer's recommendations and/or instruction.
- 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.
 - adventitious roots above the root flare,
 - wire encircling the main stem,
 - wire cage & burlap where possible. Otherwise, peel back and remove once the tree is in the planting pit.
- 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 be site won and generally 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.
- 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.
- ARISINGS:** all deleterious material arising, shall be removed offsite to a licensed tip by the Contractor.
- TREE SUPPORT SYSTEMS:** Unless otherwise stated, all trees in hard surfacing surrounds shall be supported using the underground guying method of support.
 - Irrigation pipes to be installed around the AG tree support system & on top of the the UG tree support system.
- ROOT PROTECTION MEASURES:** supply & install permeable rootbarriers (Terram RootGuard, or equal & approved) to a min. depth of 600mm below ground. *Installation:* as per manufacturer's instruction. *Finished level:* top of barrier to be 10mm above G.L. *Zone of Deployment:* protection of hard surfacing / services lying within a min. 5m radius of the proposed tree and/or as dictated on plan.
- IRRIGATION: *Open ground & Verges:*** Create topsoil chaucer as Detail 1. Water at frequency necessary to ensure establishment & survival.
- 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.
- GRANULAR SURROUND:** 10mm Ø particle size, buff. Extents: flush w/t aperture surrounds.
- FOUNDATIONS:** Trees are not to effect foundations in accordance with NHBC chapter 4.2.

Drawing Revision

Rev.	Date	Description	Drawn	Checked
P3	30/03/2023	Amended to client comments	PG	PG
P4	11/07/2023	Amended to client comments	GR	PG
P5	09/09/2025	Staking added to all trees	PG	PG

Status

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Project

LAND NORTH OF HORSHAM

Drawing Title

TREE PLANTING DETAILS

Scale 1:25	Sheet Size A3	Date Plotted 09/09/2025
Client Ref. -	Drawing Ref. 2898-5-5-VEG	Version S5-P5