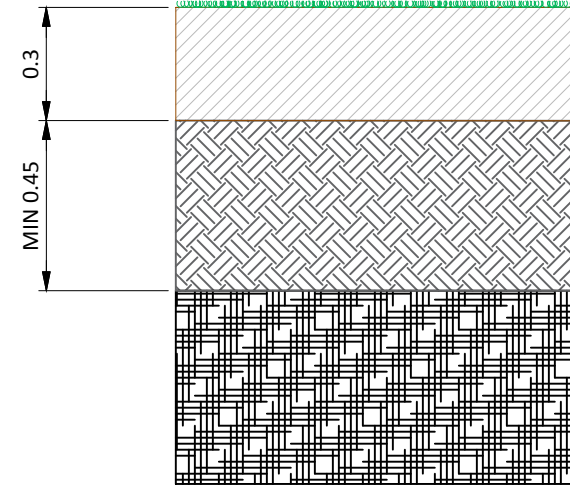


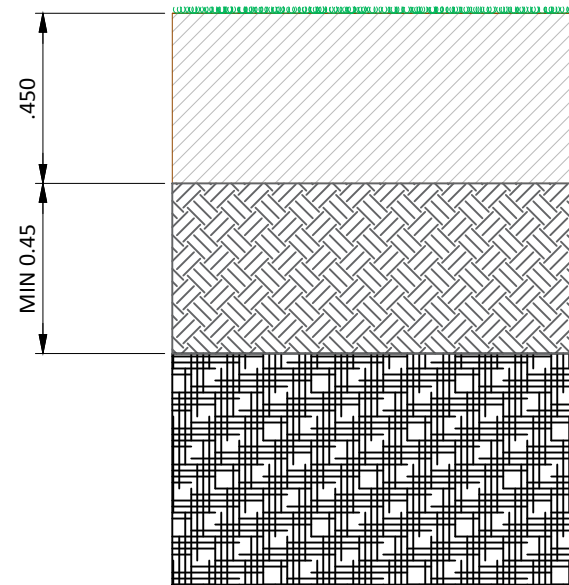
- TOPSOIL (Class 5A Material)**
- Topsoiled, fertilized with enrich compost or organic equivalent and farmyard manure & seeded to specification
- SUBSOIL (Class 4 Material) TO TII EARTHWORKS SERIES 600 SPECIFICATION**
- Clean subsoil, free draining, free from rubbish building contamination, large stones rocks >150mm
 - Laid in layers max 250-300mm
 - Depth varies to make up site levels to allow 150mm Class 5A material to stand 30mm proud of all kerbs, paths edgings, manhole covers etc.
- SUB-FORMATION TO TII EARTHWORKS SERIES 600 SPECIFICATION**
- Remove all debris, building contamination, stones/rocks >150mm from formation surface.
 - Decompact during dry weather by;
 - back-actor of 'Hymac' to 450mm depth; or,
 - 3-5 tyne ripper mounted on crawler tractor @1200mm ctrs
 - Ascertain location of all service runs prior to decompaction. Where affected, they shall be sealed off and protected.

TREATMENT 1 - to grass areas



- TOPSOIL (Class 5A Material)**
- Topsoiled, fertilized with enrich compost or organic equivalent and farmyard manure.
- SUBSOIL (Class 4 Material) TO TII EARTHWORKS SERIES 600 SPECIFICATION**
- Clean subsoil, free draining, free from rubbish building contamination, large stones rocks >150mm
 - Laid in layers max 250-300mm
 - Depth varies to make up site levels to allow 150mm Class 5A material to stand 30mm proud of all kerbs, paths edgings, manhole covers etc.
- SUB-FORMATION TO TII EARTHWORKS SERIES 600 SPECIFICATION**
- Remove all debris, building contamination, stones/rocks >150mm from formation surface.
 - Decompact during dry weather by;
 - back-actor of 'Hymac' to 450mm depth; or,
 - 3-5 tyne ripper mounted on crawler tractor @1200mm ctrs
 - Ascertain location of all service runs prior to decompaction. Where affected, they shall be sealed off and protected.

TREATMENT 2 - Shrubs



- TOPSOIL (Class 5A Material)**
- Topsoiled, fertilized with enrich compost or organic equivalent and farmyard manure.
- SUBSOIL (Class 4 Material) TO TII EARTHWORKS SERIES 600 SPECIFICATION**
- Clean subsoil, free draining, free from rubbish building contamination, large stones rocks >150mm
 - Laid in layers max 250-300mm
 - Depth varies to make up site levels to allow 150mm Class 5A material to stand 30mm proud of all kerbs, paths edgings, manhole covers etc.
- SUB-FORMATION TO TII EARTHWORKS SERIES 600 SPECIFICATION**
- Remove all debris, building contamination, stones/rocks >150mm from formation surface.
 - Decompact during dry weather by;
 - back-actor of 'Hymac' to 450mm depth; or,
 - 3-5 tyne ripper mounted on crawler tractor @1200mm ctrs
 - Ascertain location of all service runs prior to decompaction. Where affected, they shall be sealed off and protected.

TREATMENT 3 - Hedgerows

PD1

Topsoil Treatments

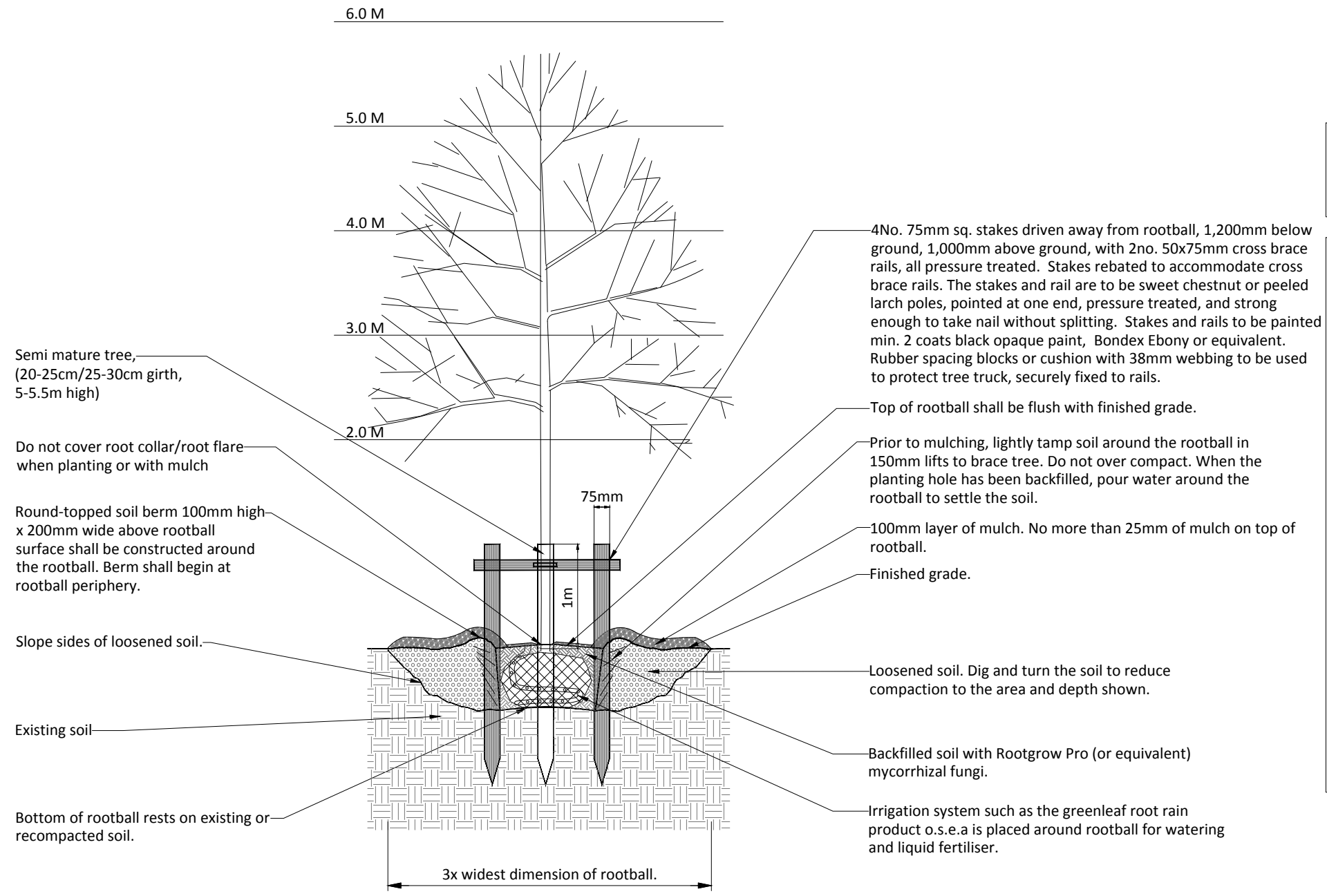
1:20

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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Topsoil Treatments		Drawing No. 980	Rev. 00
Scales 1:20 @ A3		Date 23/10/2019	
Status INFORMATION		Drn. AK	Chd. DBos
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Passed	
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com			



Note:
 -The root flare should be clearly visible at the surface of the rootball.
 -The soil ball should not move independently of the central stem.

- Tree planting notes:**
- Standard, semi-mature trees shall be to *BS8545 Trees: from nursery to independence*, with a total height of 5.0 to 5.5 metres and a girth of 20-25cm/25-30cm (as specified on plan) at 1m above ground level and shall be planted at locations indicated.
 - Larger tree pits should be excavated to minimize the destruction of soils structure. Excavate tree pits to the depth of existing rootball. Base of pit should remain undisturbed. Mound the pit slightly to help shed water away from the upper rootball. Widened tree pit 3 times of the rootball dimension and roughen/fork glazed sides.
 - Ensure an irrigation system such as the greenleaf root rain product o.s.e.a is placed around rootball for watering and liquid fertilizer.
 - If excavated subsoil is particularly heavy-textured soils (silty or clayey), import a high sand content subsoil or no fines grit to sit the rootball on.
 - Trees are to be planted at the same depth as in nursery (as indicated by the soil mark on the stem of trees) and the soil is carefully firmed back up to existing ground level.
 - Paint stakes and rail in a primer and apply two coats of flat black paint to wood
 - Drive in the 4 stakes so the stakes so they are a minimum of 300mm below the bottom of the pit and 1m above ground level. The stakes and rail are to be sweet chestnut or peeled larch poles, pointed at one end, pressure treated, and strong enough to take nail without splitting.
 - Fit tree tie. Rubber tree ties/cushions and 38mm webbing shall be secured to the stake cross rail using galvanized nails.
 - Form round-topped soil berm 100mm high and 200mm wide around the rootball. Berm shall begin at root ball periphery.
 - Mulch the base of the tree to a depth of 100mm at a radius of excavated soil around each tree. No more than 25mm of mulch on top of roots. Maintain until spring following the first growing season.
 - Fit brown biodegradable rabbit/hare sprial guard.
 - The stakes and rail are to be removed as soon as the tree is anchored securely by its own roots (at the start of the second growing season after planting).

Semi Mature Tree (20-25cm/25-30cm girth)-Rootballed, Undisturbed soil

PD2

1:50

Rev	Date	Drawn	Checked	Description

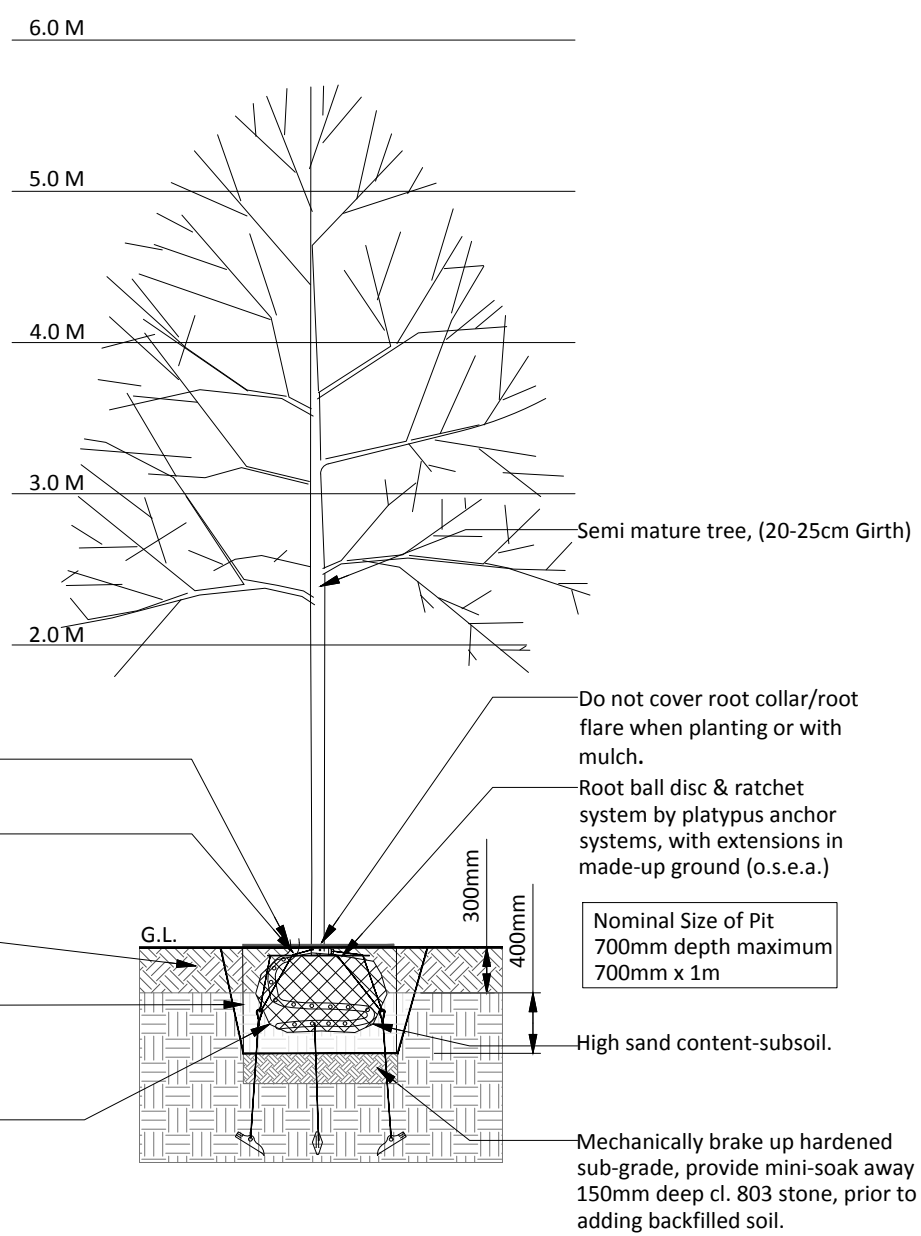
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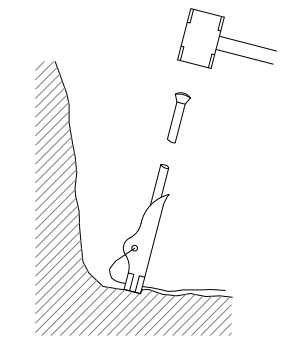
Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Semi Mature Tree (20-25cm/25-30cm girth) Rootballed Planting Details		Drawing No. 981	Rev. 00
Scales 1:50 @ A3		Status INFORMATION	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Date 23/10/2019	Drn. AK
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Chd. DBos	Passed

Project No.	6615
Drawing No.	981
Rev.	00
Date	23/10/2019
Drn.	AK
Chd.	DBos
Passed	

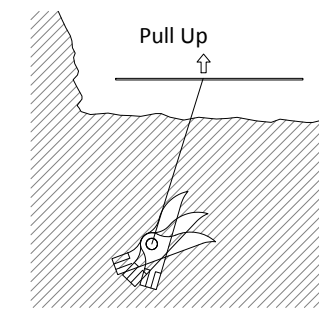




Guy installation:



Drive anchor in triangular layout in base of planting pit until only loops remain. Ensure location and depth of services prior to installation.



Remove drive rod. Pull upward on cable loops to rotate anchors into perpendicular load locked position.

Installation notes:

- Insert end of tensioning cable in ratchet. Use a wrench to tighten threv system.
- Lace the tensioning cable through the cable loops and over the fixing discs.
- Backfill and cover the rootball. Ensure nothing protrudes above ground level while ensuring tree is planted at the same soil level as that in the nursery.
- Mark position of ratchet so tension may be maintained if settling occurs.

Notes:

1. The tree pit should be excavated to allow adequate clearance between the perimeter of the root-ball and the side of the pit. Tree pits should be excavated to minimize the destruction of soils structure. Maximum 700mm depth, preferable 600mm, 1m in width.
2. Mound the pit slightly to help shed water away from the upper rootball.
3. Incorporate a mini soak away in the base of the pit.
4. If excavated soil is particularly heavy-textured soil (silty or clayey), use a high sand content subsoil or even a quarried sand to sit the rootball on.
5. Fork the bottom and sides of the pit to break up the subsoil.
6. Incorporate a mini soak away in the base of the pit.
7. Mix the dug soil mix the topsoil with 'enrich compost' and mycorrhizal 'root grow'.
8. Drive in the platypus rf1p guys with extensions and rootball protection collar, installed to manufacturer's recommendations. Tighten rootball collar and ratchet system by platypus
9. Trees shall be planted at the same depth as in nursery (as indicated by the soil mark on the stem of the trees) and the soil is carefully firmed back up to the existing ground level.
10. Spread 75-100mm depth of mulch over an area of 1m diameter around the tree, and maintain it until the spring following the first growing season.
11. Protect the tree base from rabbit damage etc. by using a tree guard.
12. The stakes and rail are to be removed as soon as the tree is anchored securely by its own roots (at the start of the second growing season after planting).

Semi Mature Tree (20-25cm Girth) with Underground Guying and Modified Soil -Rootballed

PD3

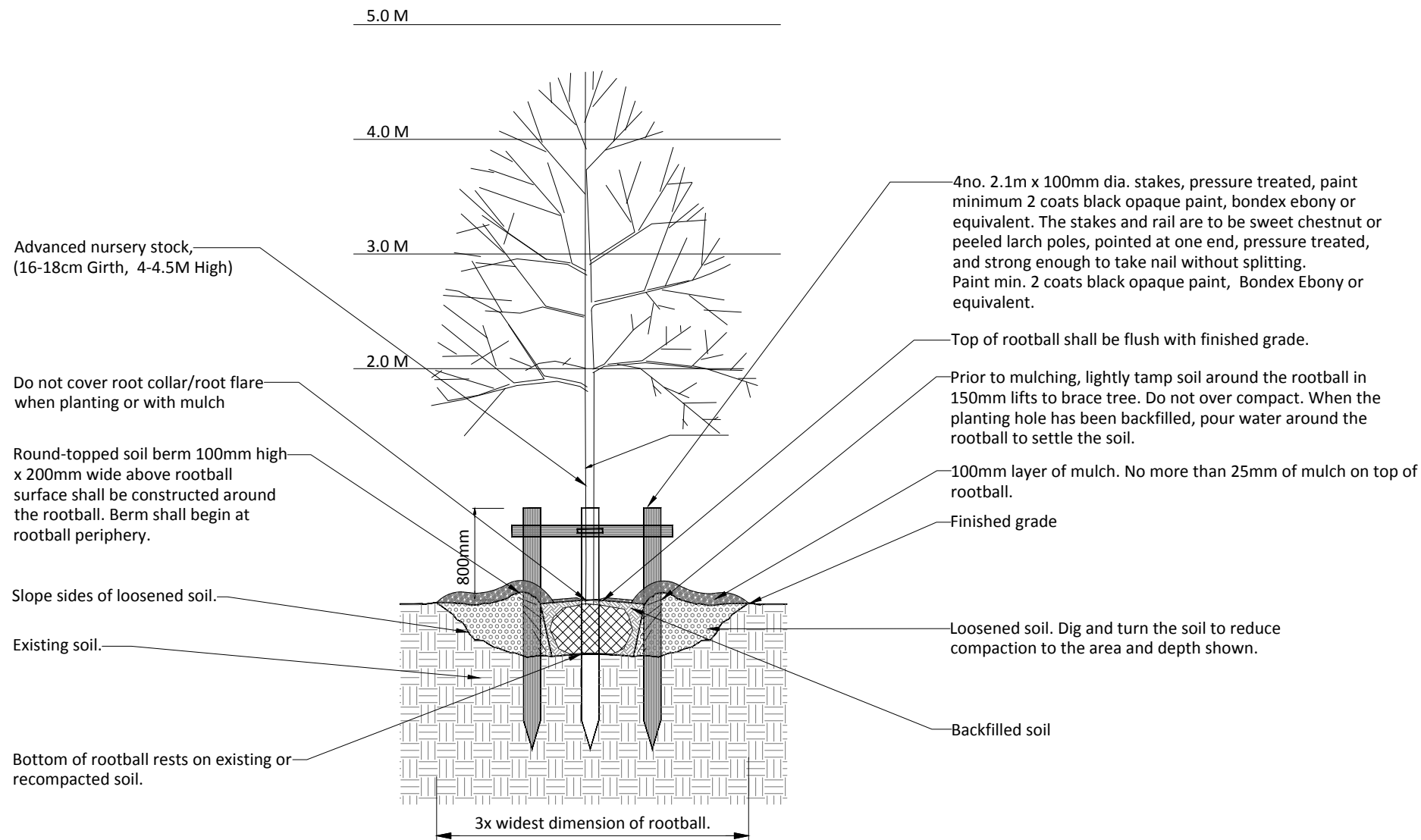
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Semi Mature Tree (20-25cm girth);Rootballed with underground guying Planting Details		Drawing No. 982	Rev. 00
Scale 1:50 @ A3	Status INFORMATION	Date 23/10/2019	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Drn. AK	Chd. DBos
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Passed	



Tree planting notes:

1. Extra-heavy trees shall have a total height of 4.0 to 4.5 metres and a girth of 16-18 cm at 1m above ground level and shall be planted at locations indicated.
2. Larger tree pits should be excavated to minimize the destruction of soils structure. Excavate tree pits to the depth of existing rootball. Base of pit should remain undisturbed.
3. Mound the pit slightly to help shed water away from the upper rootball. Widened tree pit 3 times of the rootball dimension and roughen glazed sides.
4. If excavated subsoil is particularly heavy-textured soils (silty or clayey), import a high sand content subsoil or even a quarried sand sand to sit the rootball on.
5. Trees are to be planted at the same depth as in nursery (as indicated by the soil mark on the stem of trees) and the soil is carefully firmed back up to existing ground level.
6. Drive in the 4 stakes so the stakes so they are a minimum of 300mm below the bottom of the pot and 800mm above ground level. The stakes and rail are to be sweet chestnut or peeled larch poles, pointed at one end, pressure treated, and strong enough to take nail without splitting.
7. Paint stakes and rail in a primer and apply two coats of flat black paint to wood
8. Fit tree tie. Tree ties shall be of rubber, or biodegradable fabric composition and shall be secured to the stake cross rail using galvanized nails.
9. Form round-topped soil berm 100mm high and 200mm wide around the rootball. Berm shall begin at root ball periphery.
10. Mulch the base of the tree to a depth of 100mm at a radius of excavated soil around each tree. No more than 25mm of mulch on top of roots. Maintain until spring following the first growing season.
11. Fit rabbit guard.
12. The stakes and rail are to be removed as soon as the tree is anchored securely by its own roots (at the start of the second growing season after planting).

HEAVY STANDARD TREE (16-18cm Girth)-Rootballed, Soil Not Modified

PD4

1:50

Rev	Date	Drawn	Checked	Description

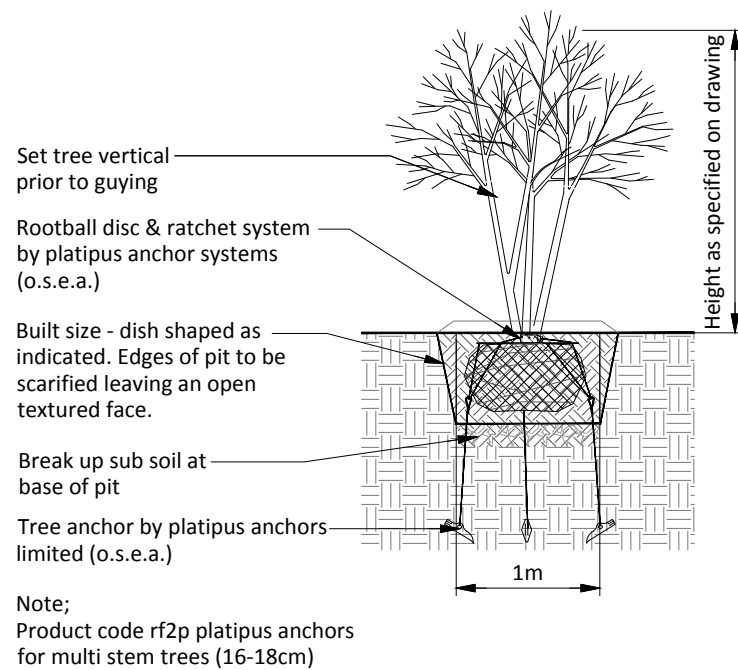
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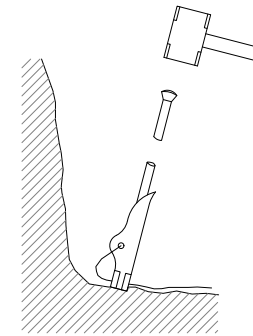
Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Heavy Standard Tree (16-18cm girth) Rootballed Planting Details		Drawing No. 983	Rev. 00
Scales 1:50 @ A3		Status INFORMATION	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Date 23/10/2019	Drn. AK
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Chd. DBos	Passed

BSM

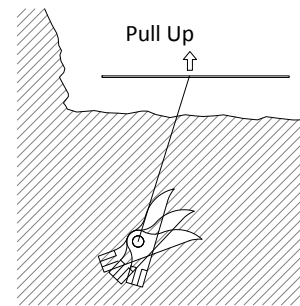
Est. 1968



Installation:



Drive anchor in triangular layout in base of planting pit until only loops remain. Ensure location and depth of services prior to installation.



Remove drive rod. Pull upward on cable loops to rotate anchors into perpendicular load locked position.

Notes:

- 1- Shrubs shall be of quality prescribed in the root observations detail and specifications.
- 2- Insert end of tensioning cable in ratchet. Use a wrench to tighten threw system.
- 3- Lace the tensioning cable through the cable loops and over the fixing discs.
- 4- Backfill and cover the rootball. Ensure nothing protrudes above ground level while ensuring tree is planted at the same soil level as that in the nursery.
- 5- Mark position of ratchet so tension may be maintained if settling occurs.

PD5

Multistem Trees

1:50

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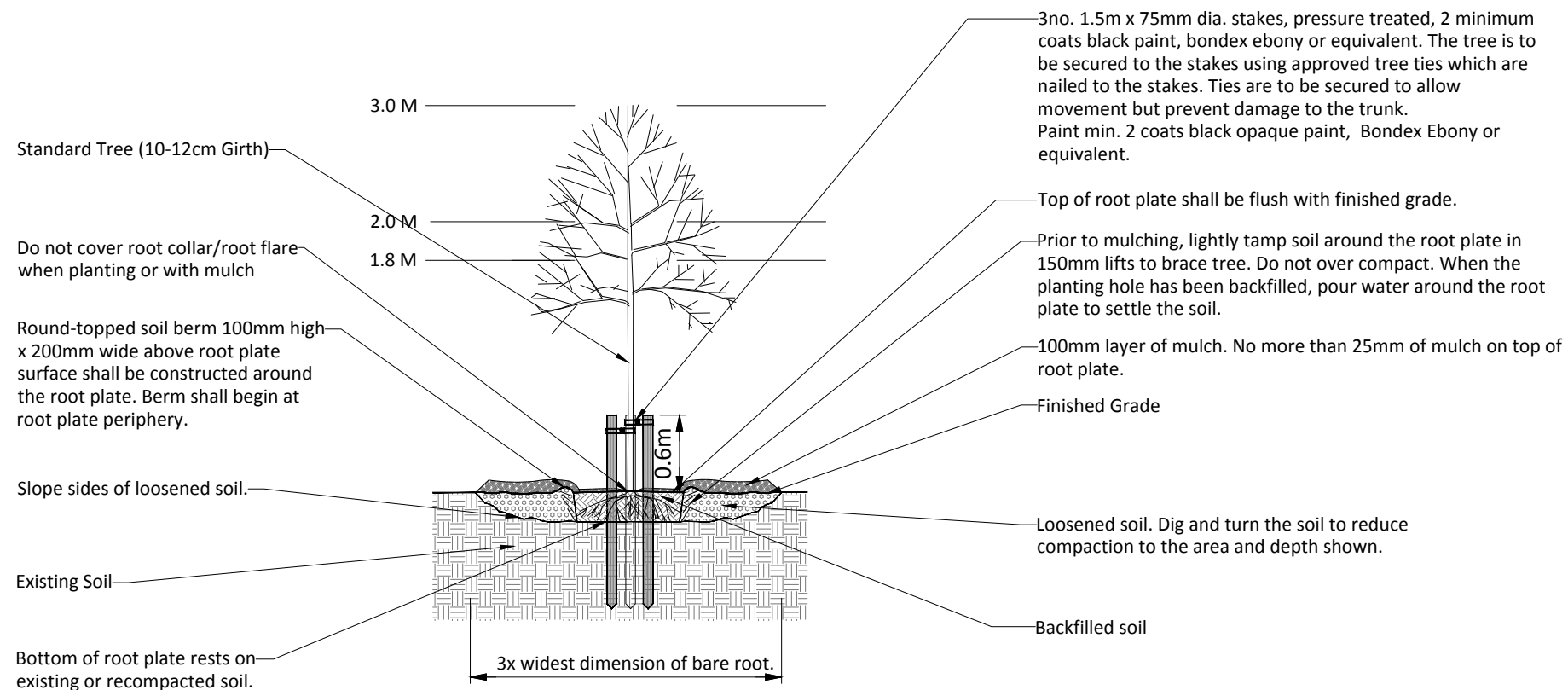
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Multistem Trees Planting Details		Drawing No. 984	Rev. 00
Scales 1:50 @ A3	Status INFORMATION		Date 23/10/2019
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		mail@bradyshipmanmartin.com www.bradyshipmanmartin.com	Drn. AK Chd. DBOs Passed

BSM

Est. 1968



Note:
 Tree roots need to be kept moist at all times, and where there is a delay between lifting and planting, roots need to be heeled in.

Bare root trees should have a well-balanced radial root system comprising at least four obvious and substantial lateral roots

- Tree planting notes:**
1. Selected standard trees shall have a total height of 2.5 to 3.0 metres and a girth of 10-12 cm at 1m above ground level and shall be planted at locations indicated.
 3. Excavate tree pits to the depth of existing bare root. Base of pit should remain undisturbed. Widened tree pit 3 times of the bare-root dimension and roughen glazed sides.
 4. Position tree, centered in the planting pit and in an upright position.
 5. Set 3nr. Pressure treated stakes (1.5m x 75mm dia.) vertically in the pit and drive in to 0.9m below ground, 0.6m above ground.
 6. Paint stakes and rail in a primer and apply two coats of flat black paint to wood
 7. Backfill the planting pit with topsoil material.
 8. Firm the backfilled material to ensure there is good contact between the plant roots and the soil substrate.
 9. Trees shall be planted at the same depth as in nursery, as indicated by the soil mark on the stem of the trees.
 10. Fit rabbit guard.
 11. Fit tree tie. Tree ties shall be of rubber, p.v.c. or biodegradable fabric composition and shall be secured to the stake using galvanized nails. Secure tree ties to allow movement but prevent damage to the tree trunk. Remove tree ties after one full growing season or when tree is firmly established
 12. Form round-topped soil berm 100mm high and 200mm wide around the root plate. Berm shall begin at root plate periphery.
 13. Mulch the base of the tree to a depth of 100mm at a radius of excavated soil around each tree. No more than 25mm of mulch on top of roots.

Standard Tree (10-12cm Girth)-Bare Root, Soil Not Modified

PD6

1:50

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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Standard Tree (10-12cm Girth) Bare Root Planting Details		Drawing No. 985	Rev. 00
Scales 1:50 @ A3	Status INFORMATION	Date 23/10/2019	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		mail@bradyshipmanmartin.com www.bradyshipmanmartin.com	Drn. AK Chd. DBos Passed

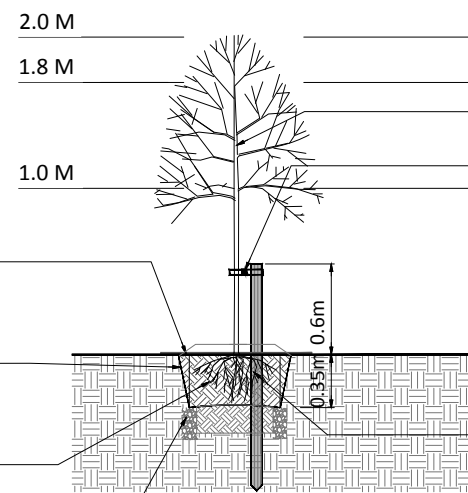
Nominal Size of Pit
1.0Mx1.0Mx0.6M

Bark mulch layed to 75mm min. depth to a circle of 0.5m radius around base of each tree.

Built size - dish shaped as indicated. Edges of pit to be scarified leaving an open textured face

Tree Root System

Backfilled Soil



Half Standard Tree (8-10cm Girth)

1no. 1.5m x 75mm dia. stake, pressure treated, minimum 2 coats black paint, bondex ebony or equivalent. The tree is to be secured to the stakes using approved tree tie which is nailed to the stakes. Ties are to be secured to allow movement but prevent damage to the trunk. Paint min. 2 coats black opaque paint, Bondex Ebony or equivalent.

Create a soil saucer to base of each tree.

Note:

Tree roots need to be kept moist at all times, and where there is a delay between lifting and planting, roots need to be heeled in.

Bare root trees should have a well-balanced radial root system comprising at least four obvious and substantial lateral roots

Tree planting notes:

1. Selected standard trees shall have a total height of 2.0 metres and a girth of 8-10 cm at 1m above ground level and shall be planted at locations indicated.
2. Excavate tree pits to 0.3 cubic metres volume (0.75 dia.x0.5m deep). Break up the base of the pit to a depth of 150mm and roughen glazed sides.
3. Position tree, centered in the planting pit and in an upright position.
4. Set 1nr. Pressure treated stake (1.5m x 75mm dia.) vertically in the pit and drive in to 0.9m below ground, 0.6m above ground.
5. Paint stakes and rail in a primer and apply two coats of flat black paint to wood
6. Backfill the planting pit with topsoil material. Mix the topsoil with enrich compost and mycorrhizal root grow.
7. Firm the backfilled material to ensure there is good contact between the plant roots and the soil substrate.
8. Trees shall be planted at the same depth as in nursery, as indicated by the soil mark on the stem of the trees.
9. Fit rabbit guard.
10. Fit tree tie. Tree ties shall be of rubber, p.v.c. or biodegradable fabric composition and shall be secured to the stake using galvanized nails. Secure tree ties to allow movement but prevent damage to the tree trunk. Remove tree ties after one full growing season or when tree is firmly established
11. Mulch the base of the tree to a depth of 75mm at a 0.5m radius around each tree.

PD7

Standard Tree (8-10cm Girth)-Bare Root, Soil Not Modified

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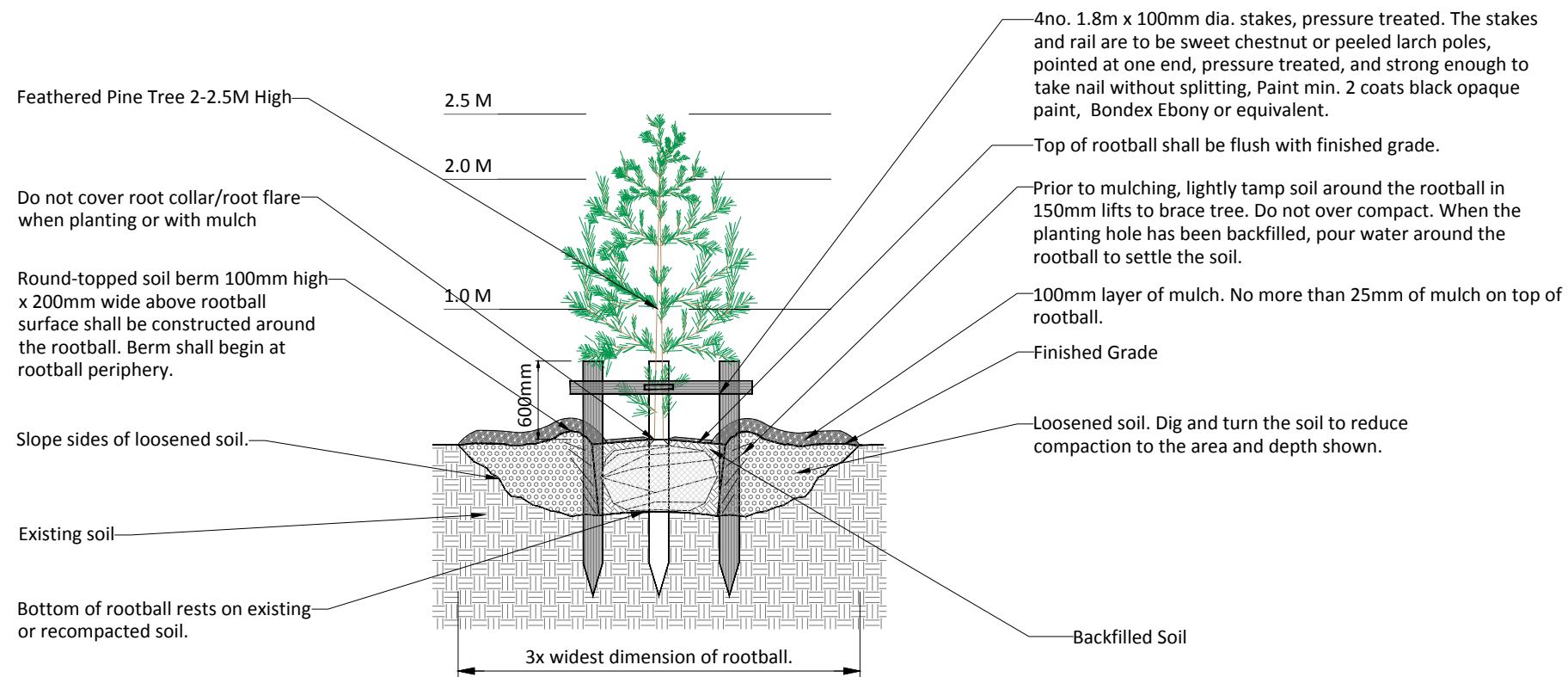
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Standard Tree (8-10cm Girth) Rootballed Planting Details		Drawing No. 986	Rev. 00
Scales 1:50 @ A3	Status INFORMATION	Date 24/10/2019	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		mail@bradyshipmanmartin.com www.bradyshipmanmartin.com	Drn. AK Chd. DBos Passed

BSM

Est. 1968



- Pine tree planting notes:**
1. Feathered pine trees shall have a total height of 2.0 to 2.5 metres and shall be planted at locations indicated.
 2. Larger tree pits should be excavated to minimize the destruction of soils structure. Excavate tree pits to the depth of existing rootball. Base of pit should remain undisturbed.
 3. Mound the pit slightly to help shed water away from the upper rootball. Widened tree pit 3 times of the rootball dimension and roughen glazed sides.
 4. If excavated subsoil is particularly heavy-textured soils (silty or clayey), import a high sand content subsoil or even a quarried sand sand to sit the rootball on.
 5. Trees are to be planted at the same depth as in nursery (as indicated by the soil mark on the stem of trees) and the soil is carefully firmed back up to existing ground level.
 6. Drive in the 4 stakes so the stakes so they are a minimum of 300mm below the bottom of the pot and 800mm above ground level. The stakes and rail are to be sweet chestnut or peeled larch poles, pointed at one end, pressure treated, and strong enough to take nail without splitting.
 7. Paint stakes and rail in a primer and apply two coats of flat black paint to wood.
 8. Fit tree tie. Tree ties shall be of rubber, or biodegradable fabric composition and shall be secured to the stake cross rail using galvanized nails.
 9. Form round-topped soil berm 100mm high and 200mm wide around the rootball. Berm shall begin at root ball periphery.
 10. Mulch the base of the tree to a depth of 100mm at a radius of excavated soil around each tree. No more than 25mm of mulch on top of roots. Maintain until spring following the first growing season.
 11. Fit rabbit guard.
 12. The stakes and rail are to be removed as soon as the tree is anchored securely by its own roots (at the start of the second growing season after planting).

Pine Tree Planting Detail, Rootballed, Soil Not Modified

1:50

PD8

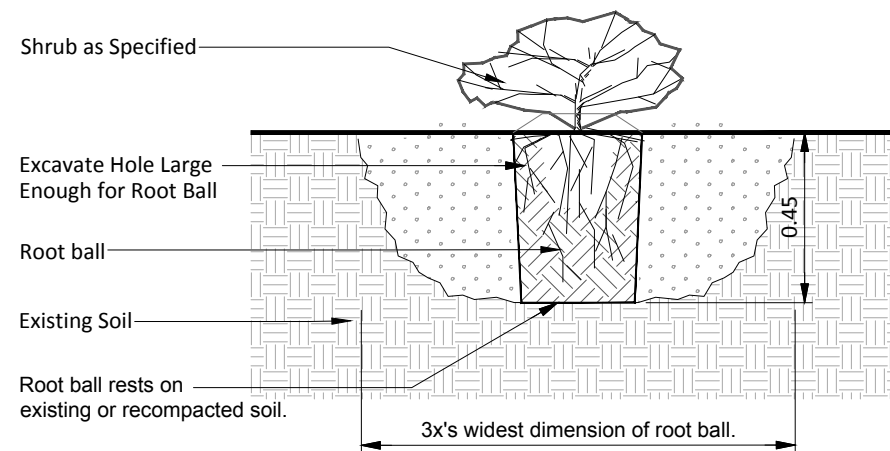
Rev	Date	Drawn	Checked	Description

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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Pine Tree Planting Detail		Drawing No. 987	Rev. 00
Scales 1:50 @ A3		Status INFORMATION	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Date 24/10/2019	Drn. AK
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Chd. DBos	Passed





General Planting Notes:

All planting works should be carried out during the period between November and April.

At the time of planting, all planting areas shall be weed free. The soil shall be moist and friable and not frozen, excessively dry, or water-logged. Allow 450mm depth of good quality topsoil for shrub planting areas.

All excavated planting holes shall be of sufficient size to accommodate the spread roots and the stock shall be planted so that after any settlement it is the same depth as it was grown in the nursery. The sides and base of the planting pit shall broke up before planting.

The planting hole shall be backfilled around the plant, the soil shall be lightly firmed to ensure that there is good contact between the plant roots and soil substrate.

Ornamental shrub planting:

- Shrubs shall be of quality prescribed in the root observations detail and specifications.
- Ornamental shrubs shall be a minimum size of 300-400mm and shall be planted at the spacing indicated on the drawings. Shrubs shall not generally be planted closer to a kerb or to the edge of a planting area than a distance equal to half the spacing indicated.
- Enriched topsoil to be used for all shrubs and perennial planting.
- Mix the topsoil with enrich compost and mycorrhizal granules (root grow),
- Excavate planting pits to min. 300mm dia. x 450mm deep or to a sufficient size so as to easily accommodate the rootball of the plant.
- Centre the shrub in the pit and backfill using excavated material, incorporating 50mm of moist pas 100 organic matter/sq.m. of soil, 40g/sq.m. of soil of 0:10:20 fertilizer and 35g/sq.m. of soil of i.b.d.u fertilizer.
- Soil shall be lightly firmed to ensure good contact between plant roots and soil substrate.
- Mulch all ornamental shrub areas to a depth of 50mm min.

PD9

Ornamental Shrub

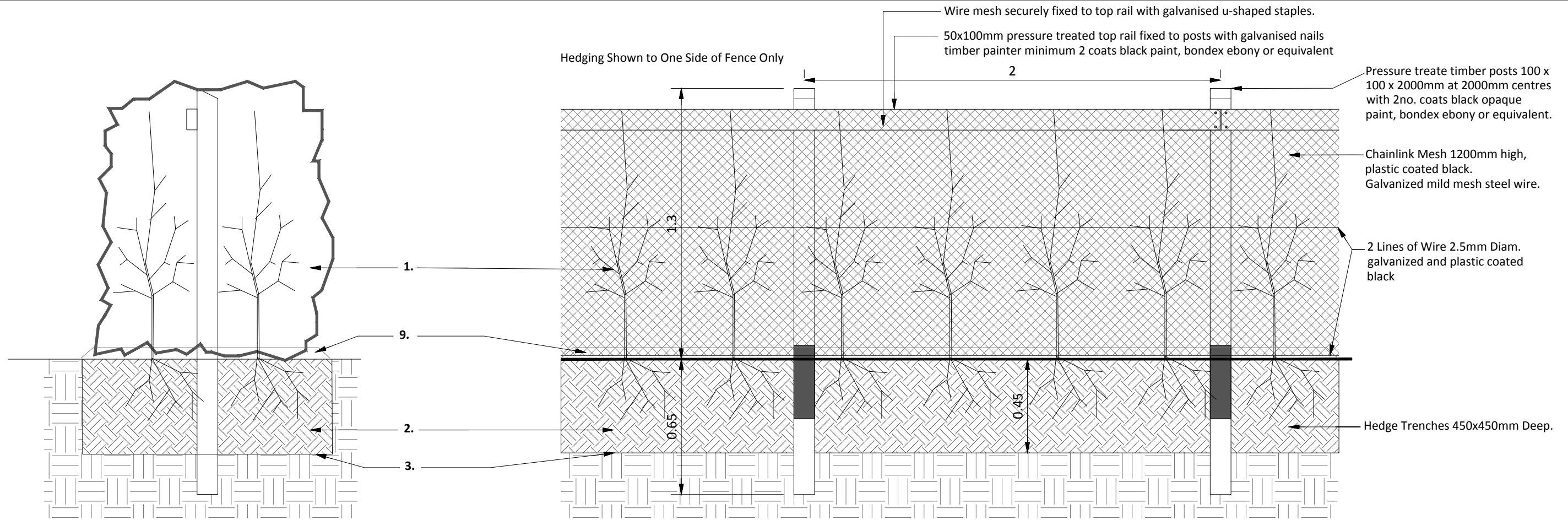
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Rev	Date	Drawn	Checked	Description

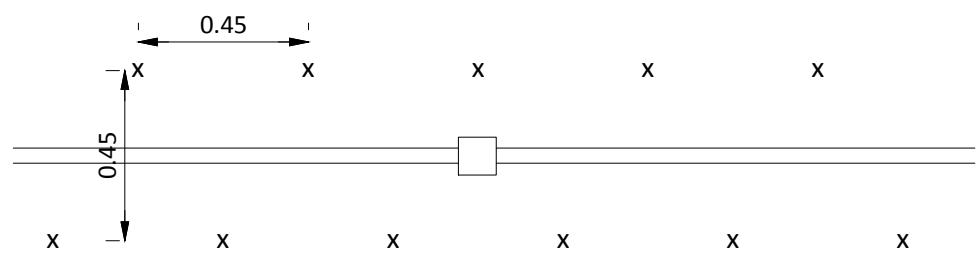
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Ornamental Shrubs Planting Detail		Drawing No. 988	Rev. 00
Scales 1:20 @ A3	Status INFORMATION	Date 24/10/2019	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Drn. LM	Chd. DBos
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Passed	



SECTION



PLAN

- Staggered double hedge planting with fence**
- Hedgerow transplants height as per drawing planted @ .45 ctrs or otherwise as specified in drawing and in double staggered rows between boundary fences.
 - Excavate a single trench dug approx. 1000 wide x 450mm deep and to the required length.
 - Break up the soil in the base of the trench to 100mm.
 - Mix the stored topsoil on site with enrich compost
 - Prepare the plants by: pruning back any damaged roots to healthy growth; placing roots of waiting plants in water whilst planting; applying an approved mycorrhizal root-dip.
 - Place the plants in the trench in a double staggered row with boundary fence between rows. 450mm between the rows, 450mm between the plants in each row, as shown.
 - 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.
 - Attach hedging to boundary fence wires with plastic wire ties.
 - Top dress the planting area with 50mm depth of bark mulch.

PD10

Hedgerow with Post and Wire

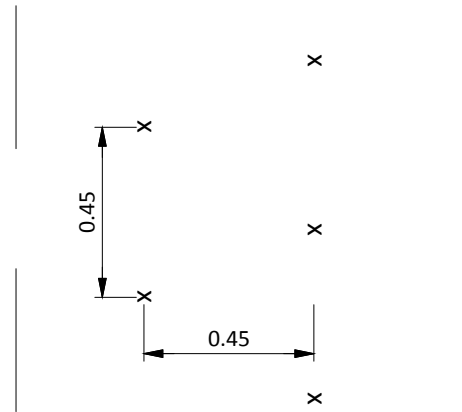
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Rev	Date	Drawn	Checked	Description

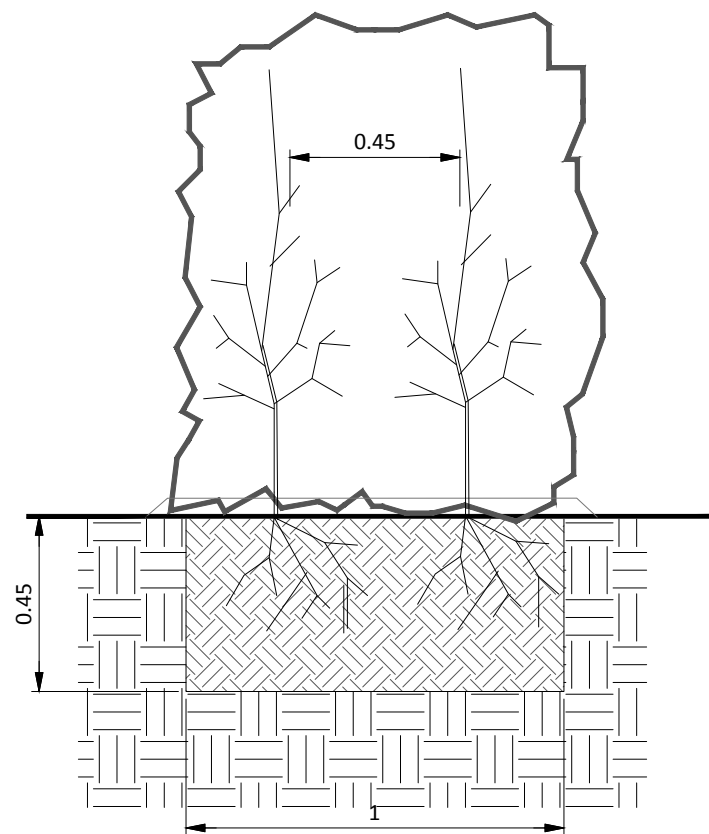
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Hedgerow with Post and Wire Planting Details		Drawing No. 989	Rev. 00
Scales 1:20 @ A3		Status INFORMATION	
Date 23/10/2019		Drn. LM	Chd. DBos
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Passed	



PLAN



SECTION

Staggered double hedge planting

1. Hedgerow transplants height as per drawing planted @ .45 ctrs or otherwise as specified in drawing and in double staggered rows.
2. Excavate a single trench dug approx. 1000 wide x 450mm deep and to the required length.
3. Break up the soil in the base of the trench to 100mm.
4. Mix the stored topsoil on site with enrich compost
5. Prepare the plants by: pruning back any damaged roots to healthy growth; placing roots of waiting plants in water whilst planting; applying an approved mycorrhizal root-dip.
6. Place the plants in the trench in a double staggered row. 450mm between the rows, 450mm between the plants in each row, as shown.
7. Backfill the trench to half its depth and firm by treading. Continue planting the trench.
8. Once planted, backfill with the remaining soil and firm as before.
9. Top dress the planting area with 50mm depth of bark mulch.

Hedgerow Planting

PD11

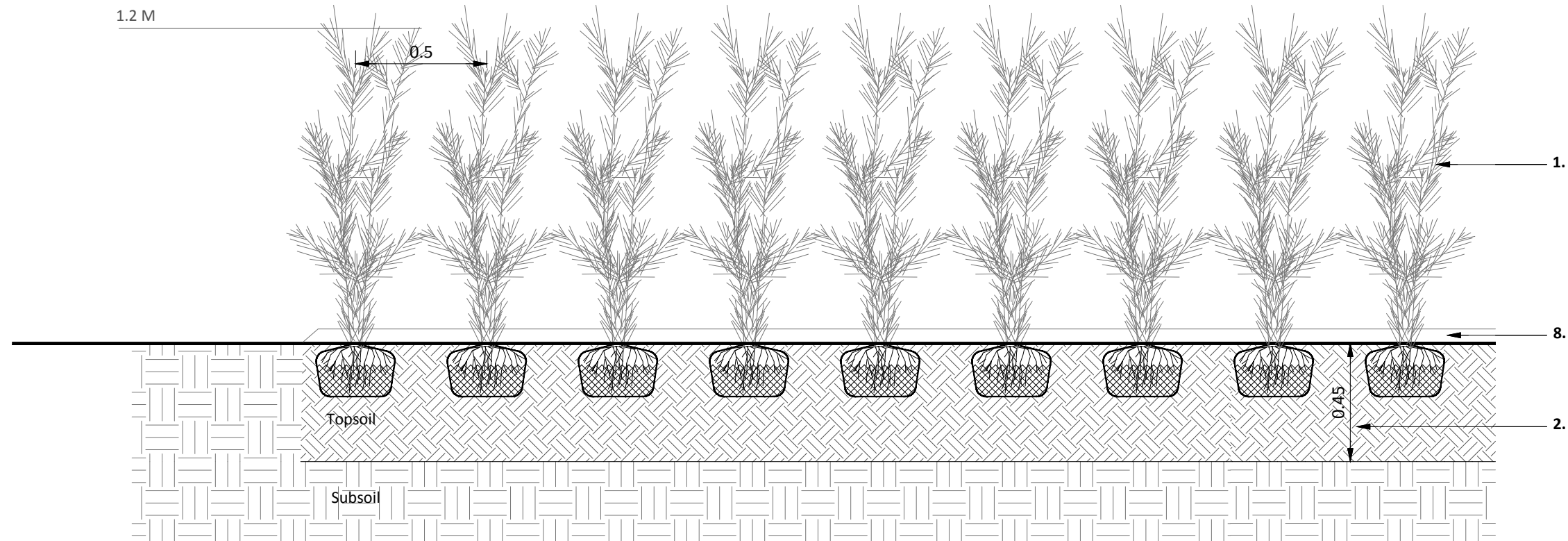
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Hedgerow Planting Details		Drawing No. 990	Rev. 00
Scales 1:20 @ A3	Status INFORMATION	Date 24/10/2019	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Drn. LM	Chd. DBOs
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Passed	



Yew hedge planting

1. Yew sizes shall range - Rb 250-300Ømm, 1.2-1.5m high and planted at 500mm ctrs in single row.
2. Excavate a single trench dug 700 wide x 450mm deep and to the required length.
3. Fork the bottom and sides of the pit to break up the sub soil (100mm depth), incorporating pas 100 organic compost.
4. Backfill with topsoil from stockpile on site incorporating pas 100 organic compost.
5. Prepare the plants and place roots in water with approved Mycorrhizal root dip (root grow professional) before planting.
6. Position yew at 500mm centres. Backfill with topsoil from stockpile on site incorporating enrich compost.
7. Once planted, backfill with the remaining soil and firm as before.
8. Top dress the planting area with and 50mm depth of fine composted bark mulch.

PD12

Yew Hedge Planting

1:20

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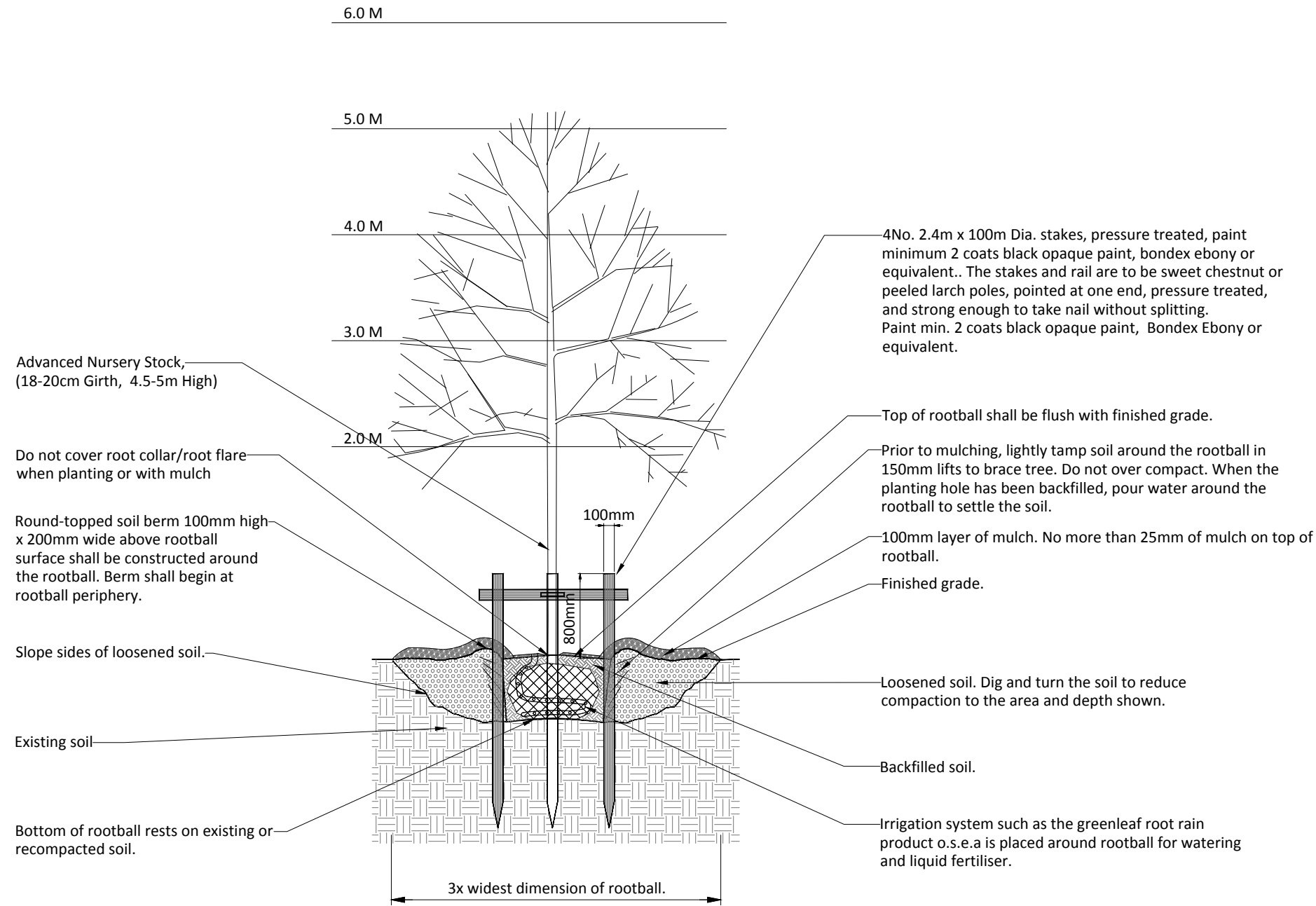
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Yew Hedge Planting Details		Drawing No. 991	Rev. 00
Scales 1:20 @ A3	Status INFORMATION	Date 24/10/2019	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Drn. LM	Chd. DBos
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Passed	

BSM

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1968



Note:
 -Planting detail applies to Espalier Trees
 -The root flare should be clearly visible at the surface of the rootball.
 -The soil ball should not move independently of the central stem.

- Tree planting notes:**
1. Extra heavy standard trees shall have a total height of 4.5 to 5 meters and a girth of 18-20 cm at 1m above ground level and shall be planted at locations indicated.
 2. Larger tree pits should be excavated to minimize the destruction of soils structure. Excavate tree pits to the depth of existing rootball. Base of pit should remain undisturbed. Mound the pit slightly to help shed water away from the upper rootball. Widened tree pit 3 times of the rootball dimension and roughen glazed sides.
 3. Ensure an irrigation system such as the greenleaf root rain product o.s.e.a is placed around rootball for watering and liquid fertilizer.
 4. If excavated subsoil is particularly heavy-textured soils (silty or clayey), import a high sand content subsoil or even a quarried sand sand to sit the rootball on.
 5. Trees are to be planted at the same depth as in nursery (as indicated by the soil mark on the stem of trees) and the soil is carefully firmed back up to existing ground level.
 6. Paint stakes and rail in a primer and apply two coats of flat black paint to wood
 7. Drive in the 4 stakes so the stakes so they are a minimum of 300mm below the bottom of the pit and 800mm above ground level. The stakes and rail are to be sweet chestnut or peeled larch poles, pointed at one end, pressure treated, and strong enough to take nail without splitting.
 8. Fit tree tie. Tree ties shall be of rubber, or biodegradable fabric composition and shall be secured to the stake cross rail using galvanized nails.
 9. Form round-topped soil berm 100mm high and 200mm wide around the rootball. Berm shall begin at root ball periphery.
 10. Mulch the base of the tree to a depth of 100mm at a radius of excavated soil around each tree. No more than 25mm of mulch on top of roots. Maintain until spring following the first growing season.
 11. Fit rabbit guard.
 12. The stakes and rail are to be removed as soon as the tree is anchored securely by its own roots (at the start of the second growing season after planting).

Extra Heavy Standard Tree (18-20cm Girth), Rootballed

PD14

1:50

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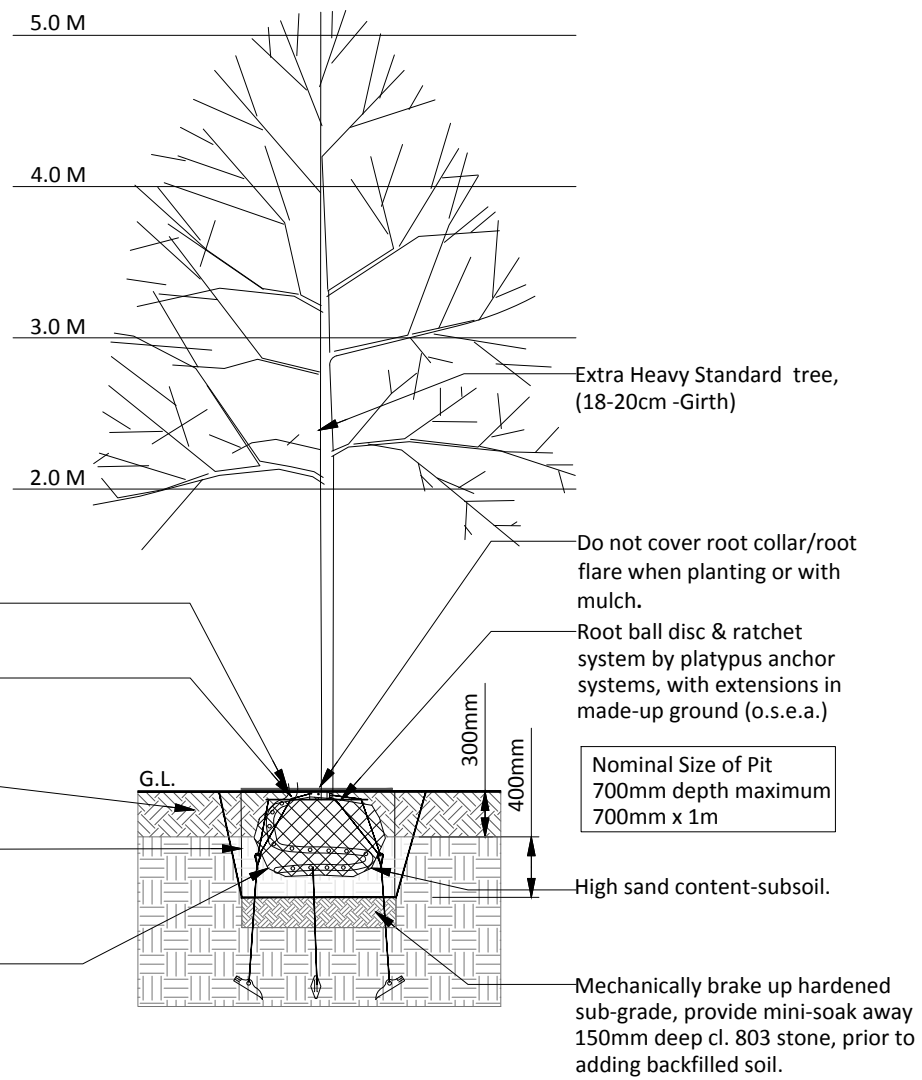
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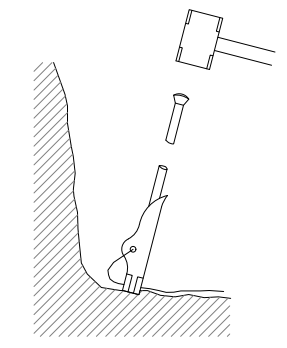
Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Extra Heavy Standard Tree (18-20cm girth);RB Typical Planting Detail		Drawing No. 993	Rev. 00
Scales 1:50 @ A3		Date 19/04/2020	
Status INFORMATION		Drn. AK	Chd. DBos
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Passed	

BSM

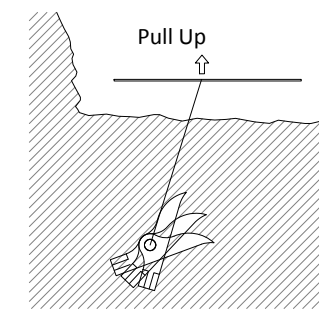
Est. 1968



Guy installation:



Drive anchor in triangular layout in base of planting pit until only loops remain. Ensure location and depth of services prior to installation.



Remove drive rod. Pull upward on cable loops to rotate anchors into perpendicular load locked position.

Installation notes:

- Insert end of tensioning cable in ratchet. Use a wrench to tighten throw system.
- Lace the tensioning cable through the cable loops and over the fixing discs.
- Backfill and cover the rootball. Ensure nothing protrudes above ground level while ensuring tree is planted at the same soil level as that in the nursery.
- Mark position of ratchet so tension may be maintained if settling occurs.

Notes:

1. The tree pit should be excavated to allow adequate clearance between the perimeter of the root-ball and the side of the pit. Tree pits should be excavated to minimize the destruction of soils structure. Maximum 700mm depth, preferable 600mm, 1m in width.
2. Mound the pit slightly to help shed water away from the upper rootball.
3. Incorporate a mini soak away in the base of the pit.
4. If excavated soil is particularly heavy-textured soil (silty or clayey), use a high sand content subsoil or even a quarried sand to sit the rootball on.
5. Fork the bottom and sides of the pit to break up the subsoil.
6. Incorporate a mini soak away in the base of the pit.
7. Mix the dug soil mix the topsoil with 'enrich compost' and mycorrhizal 'root grow'.
8. Drive in the platypus rf1p guys with extensions and rootball protection collar, installed to manufacturer's recommendations. Tighten rootball collar and ratchet system by platypus
9. Trees shall be planted at the same depth as in nursery (as indicated by the soil mark on the stem of the trees) and the soil is carefully firmed back up to the existing ground level.
10. Spread 75-100mm depth of mulch over an area of 1m diameter around the tree, and maintain it until the spring following the first growing season.
11. Protect the tree base from rabbit damage etc. by using a tree guard.
12. The stakes and rail are to be removed as soon as the tree is anchored securely by its own roots (at the start of the second growing season after planting).

PD15

Extra Heavy Standard Tree (18-20cm Girth), RB, with underground guying

1:50

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Drg. Extra Heavy Standard Tree (18-20cm girth); RB with underground guying Typical Planting Detail		Drawing No. 994	Rev. 00
Scales 1:50 @ A3	Status INFORMATION		Date 19/04/2020
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Drn. AK	Chd. DBOs
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