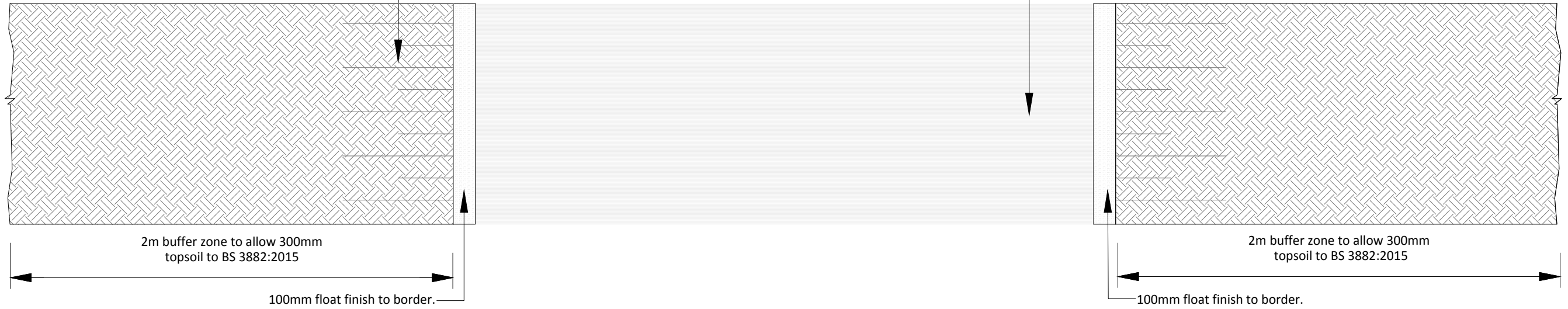
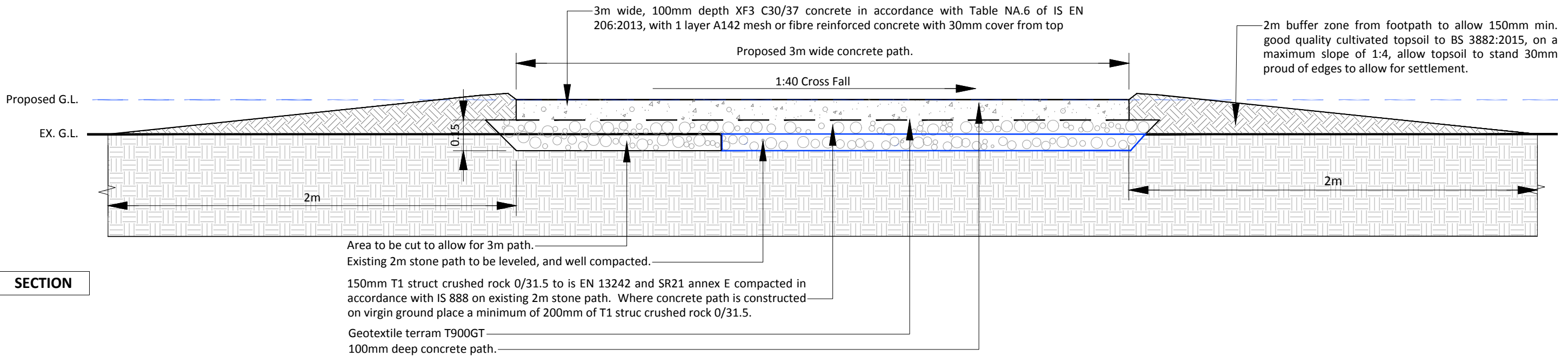


2m buffer zone from footpath to allow 150mm min. good quality cultivated topsoil to BS 3882:2015, on a maximum slope of 1:4, allow topsoil to stand 30mm proud of edges to allow for settlement.



PLAN



SECTION

Area to be cut to allow for 3m path.
 Existing 2m stone path to be leveled, and well compacted.
 150mm T1 struct crushed rock 0/31.5 to is EN 13242 and SR21 annex E compacted in accordance with IS 888 on existing 2m stone path. Where concrete path is constructed on virgin ground place a minimum of 200mm of T1 struct crushed rock 0/31.5.
 Geotextile terram T900GT
 100mm deep concrete path.

S1 Proposed Widened (3m Wide) Shared Concrete Pathway

1:20

Rev	Date	Drawn	Checked	Description

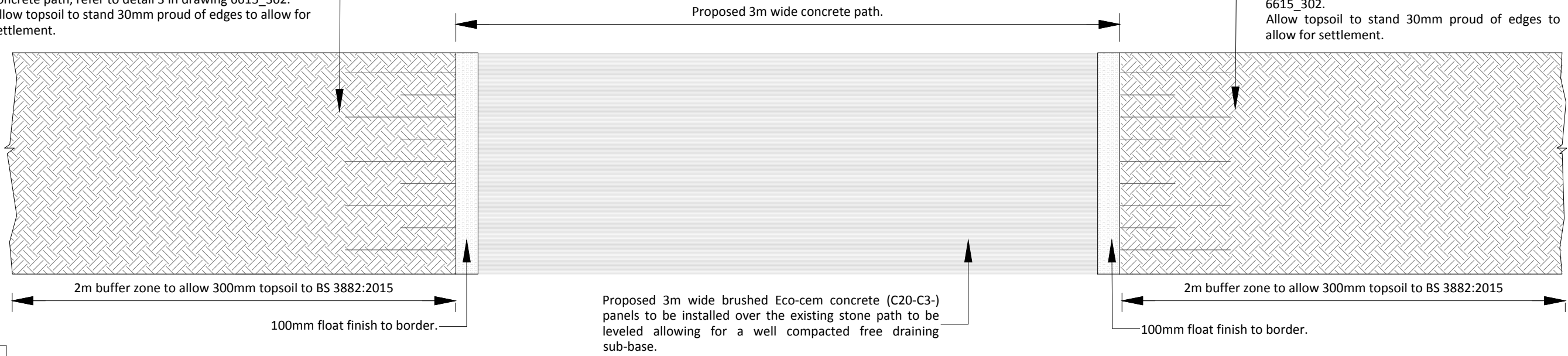
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Proposed Widened 3m Wide Shared Concrete Pathway		Drawing No. 900	Rev. 00
Scales 1:20 @ A3		Status INFORMATION	
Date 17/10/2019		Drn. LM	Chd. DBos
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Passed	

2m buffer zone from footpath to allow 150mm min. good quality cultivated topsoil to BS 3882:2015, to be disposed along the full length of the proposed 3m wide concrete path, refer to detail 3 in drawing 6615_302. Allow topsoil to stand 30mm proud of edges to allow for settlement.

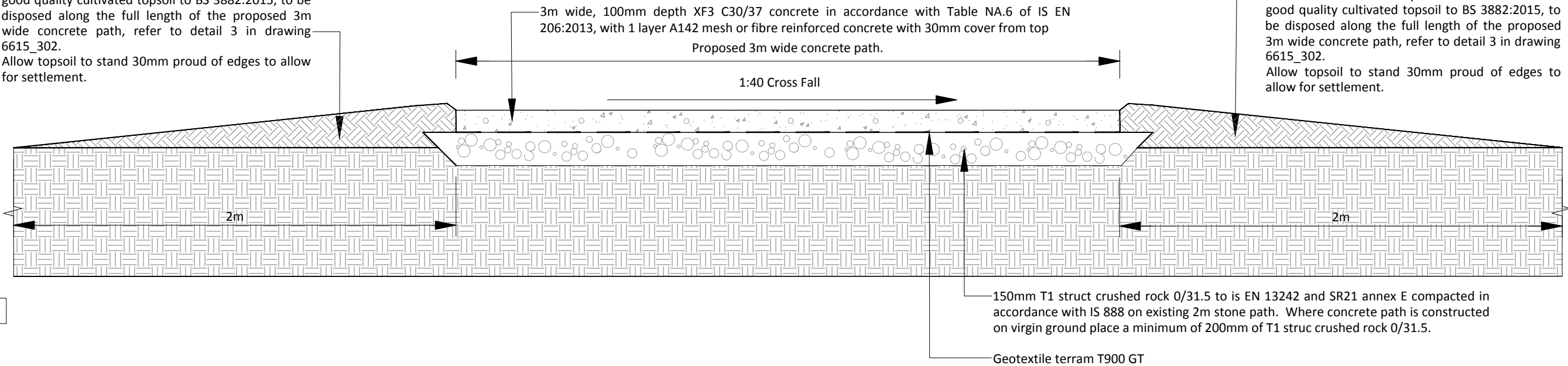
2m buffer zone from footpath to allow 150mm min. good quality cultivated topsoil to BS 3882:2015, to be disposed along the full length of the proposed 3m wide concrete path, refer to detail 3 in drawing 6615_302. Allow topsoil to stand 30mm proud of edges to allow for settlement.



PLAN

2m buffer zone from footpath to allow 150mm min. good quality cultivated topsoil to BS 3882:2015, to be disposed along the full length of the proposed 3m wide concrete path, refer to detail 3 in drawing 6615_302. Allow topsoil to stand 30mm proud of edges to allow for settlement.

2m buffer zone from footpath to allow 150mm min. good quality cultivated topsoil to BS 3882:2015, to be disposed along the full length of the proposed 3m wide concrete path, refer to detail 3 in drawing 6615_302. Allow topsoil to stand 30mm proud of edges to allow for settlement.



SECTION

S2

Proposed 3m Concrete Path

1:20

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Drg. Proposed 3m wide Concrete Path		Drawing No. 901	Rev. 00
Scales 1:20 @ A3	Status INFORMATION	Date 18/10/2019	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Drn. LM	Chd. DBos
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Passed	

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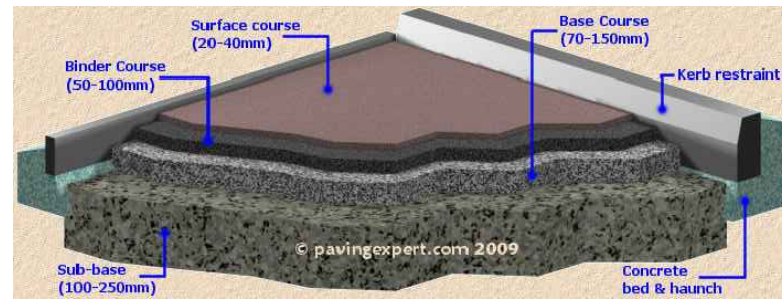
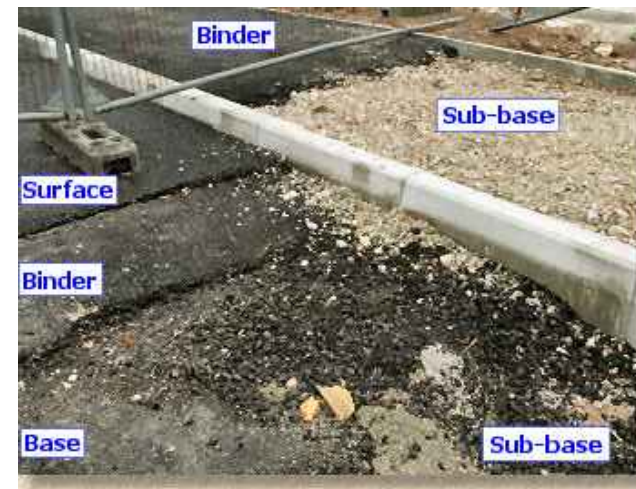
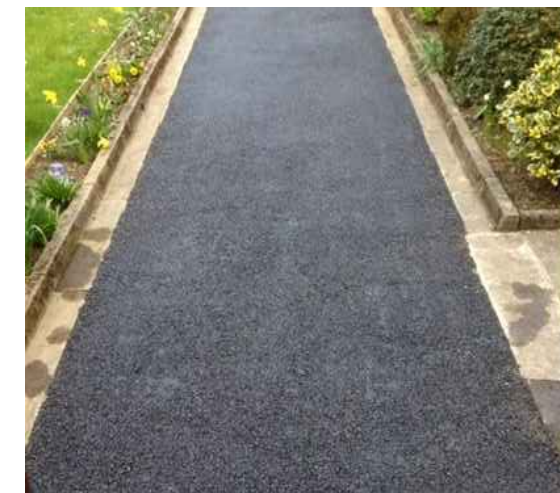


Diagram of typical Bitumen Macadam Pathway



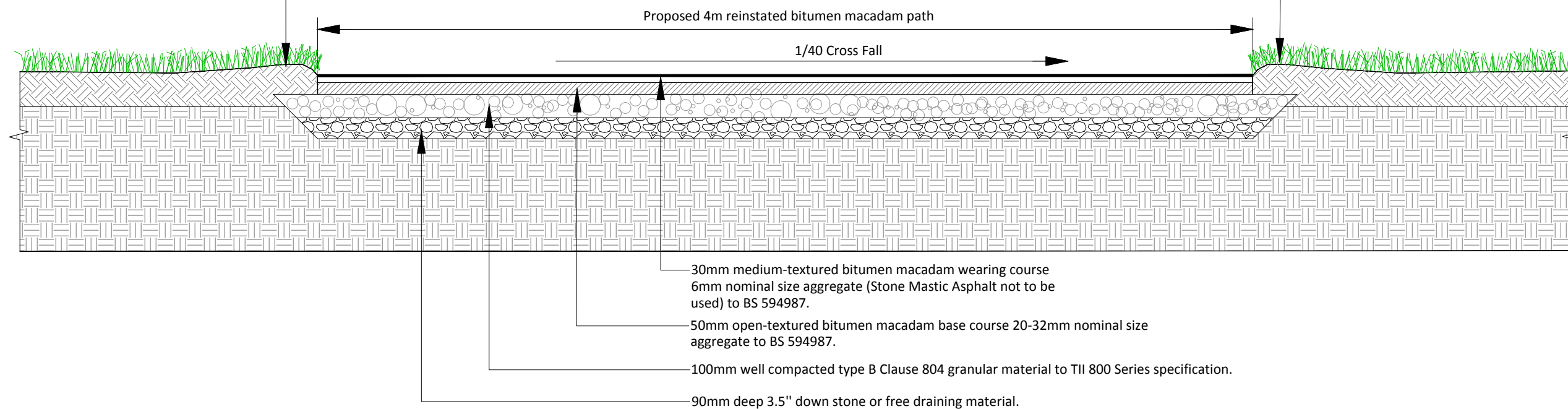
Various Layers of a typical Bitumen Macadam Surface



Sample of Bitumen Macadam Pathway

Allow 150mm min. good quality cultivated topsoil to BS 3882:2015, allow topsoil to stand 30mm proud of edges to allow for settlement.

Allow 150mm min. good quality cultivated topsoil to BS 3882:2015, allow topsoil to stand 30mm proud of edges to allow for settlement.



S3

Bitumen Macadam Footpath

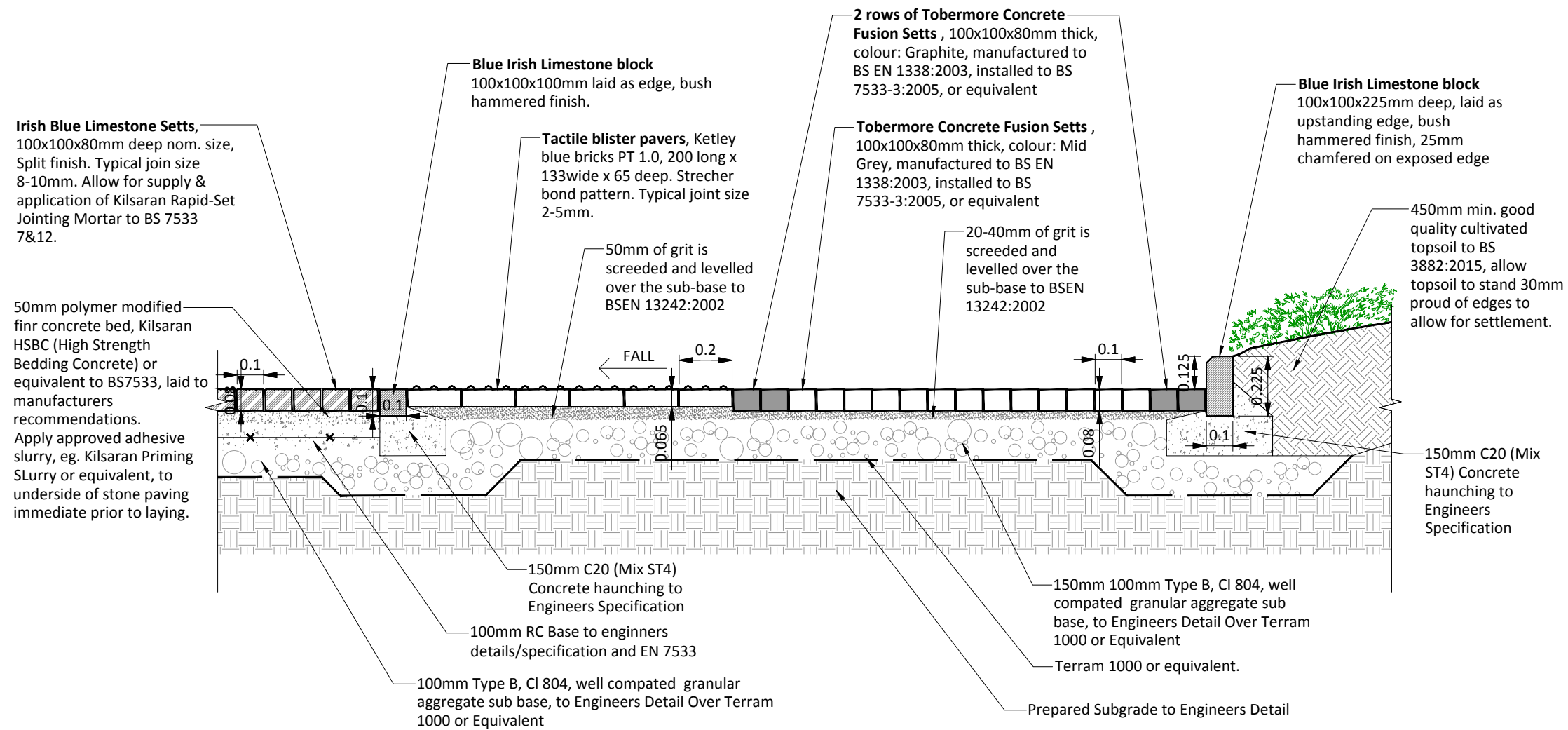
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Bitumen Macadam Footpath		Drawing No. 902	Rev. 00
Scales 1:20 @ A3		Status INFORMATION	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Date 18/10/2019	Drn. LM
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Chd. DBos	Passed



S4B

Tactile blisters pavers and limestone & concrete setts

Scale 1:20

Rev	Date	Drawn	Checked	Description

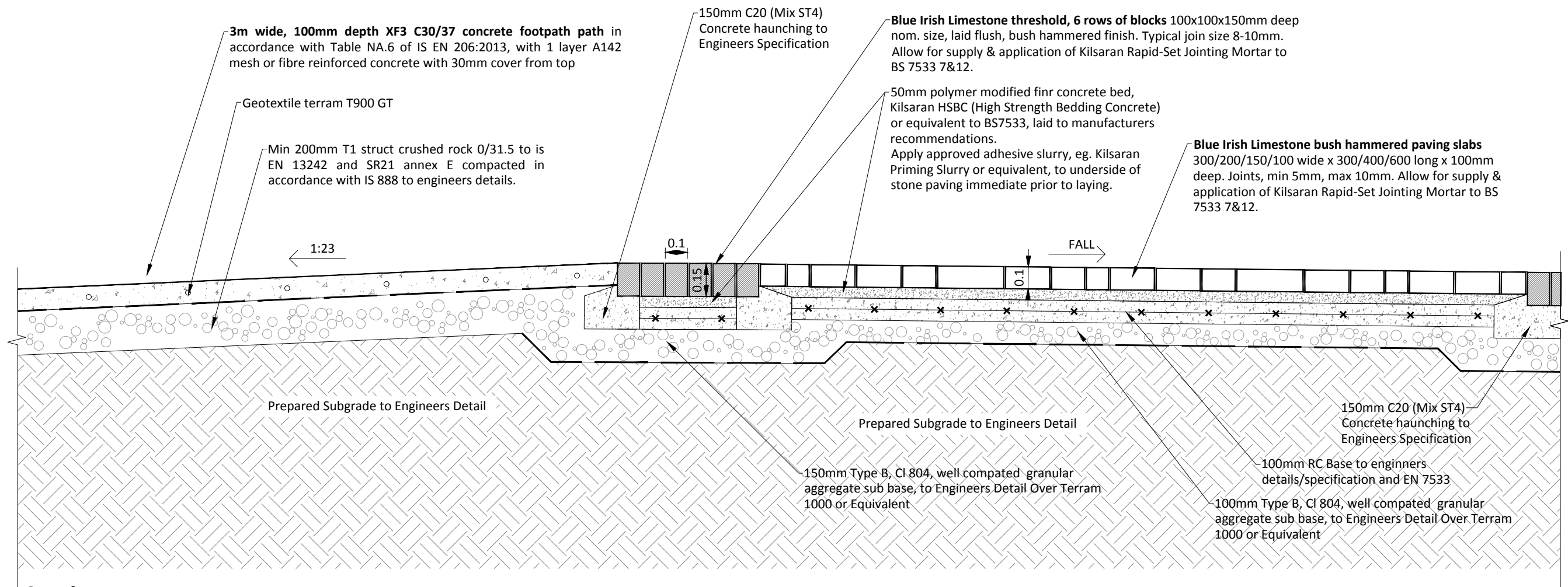
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Drg. Tactile blister pavers and limestone & concrete setts		Drawing No. 903 B	Rev. 00
Scales 1:20 @ A3		Status INFORMATION	
Date 26/02/2021		Drn. AK	Chd. DBos
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Passed	

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Section

S5B

Limestone Slabs and Threshold

Scale 1:20

Rev	Date	Drawn	Checked	Description

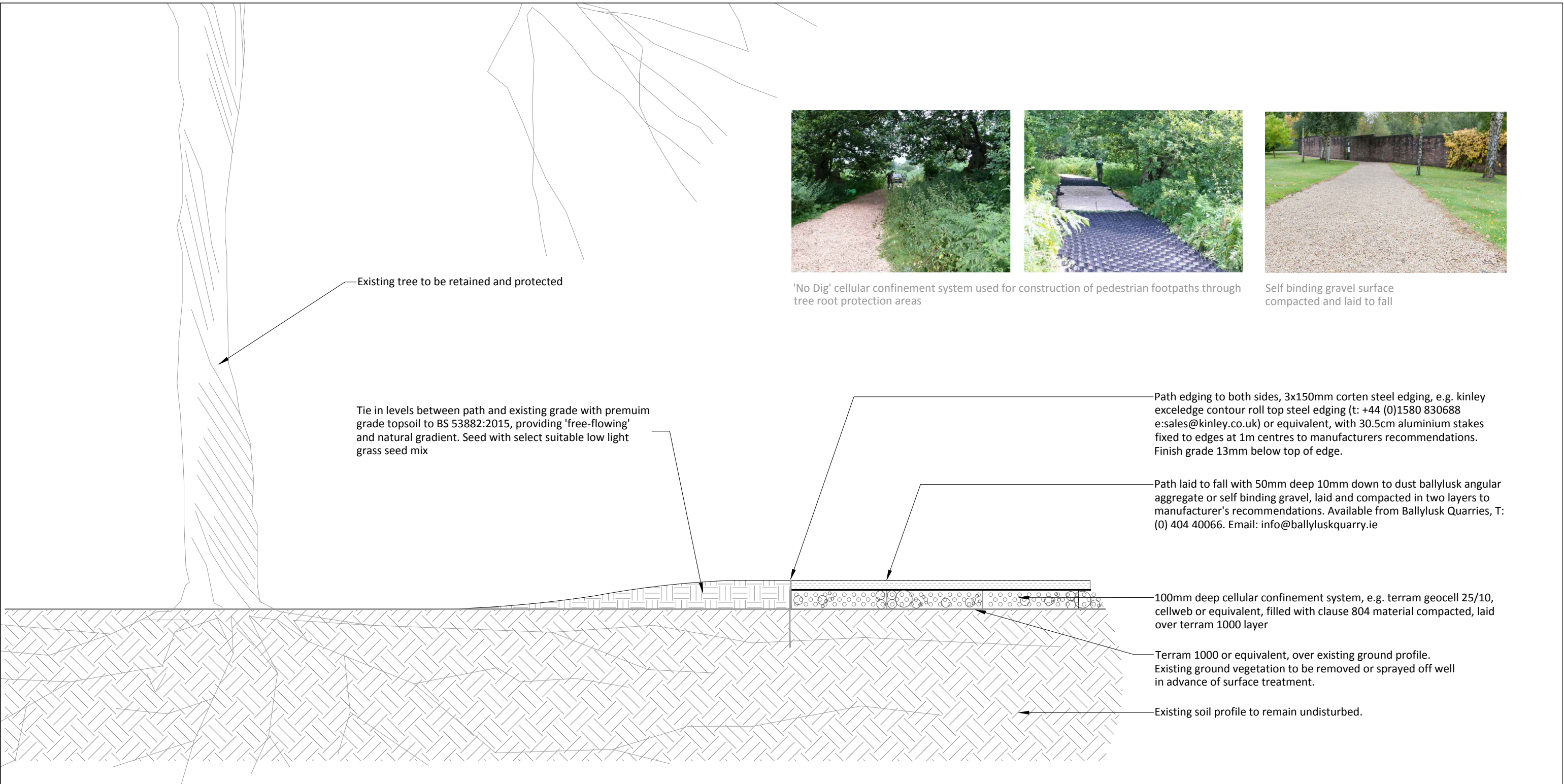
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Drg. Limestone slabs and Threshold		Drawing No. 904 B	Rev. 00
Scales 1:20 @ A3	Status INFORMATION		Date 26/02/2021
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		mail@bradyshipmanmartin.com www.bradyshipmanmartin.com	Drn. AK Chd. DBos Passed

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S6B 'No dig' Pedestrian Path Through Tree Root Protection Areas 1:20

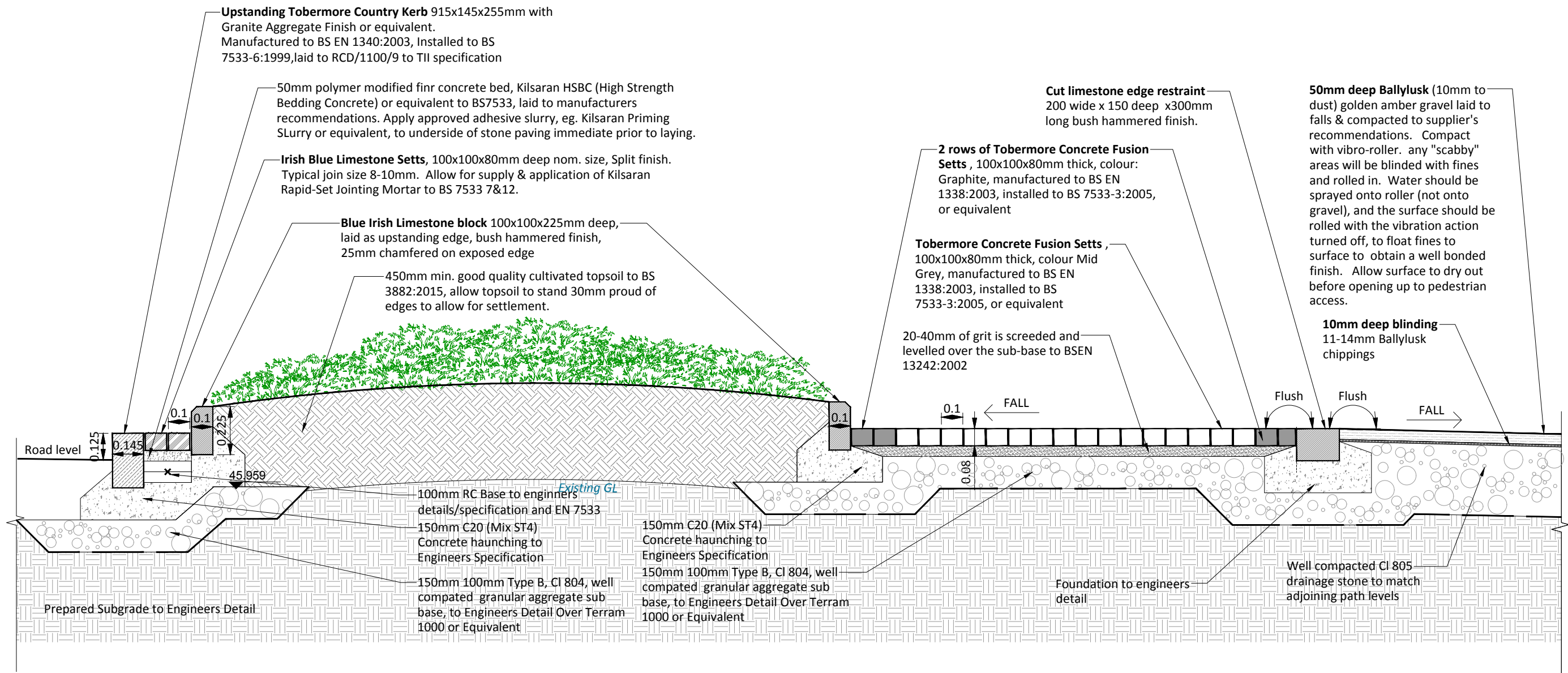
Rev	Date	Drawn	Checked	Description

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Drg. 'No dig' Pedestrian Path Through Tree Root Protection Areas		Drawing No. 905B	Rev. 00
Scales 1:20 @ A3	Status INFORMATION	Date 25/03/2020	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Drn. LM	Chd. DBos
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Passed	





S7

Raised planter with concrete setts and ballylusk surface

Scale 1:20

Rev	Date	Drawn	Checked	Description

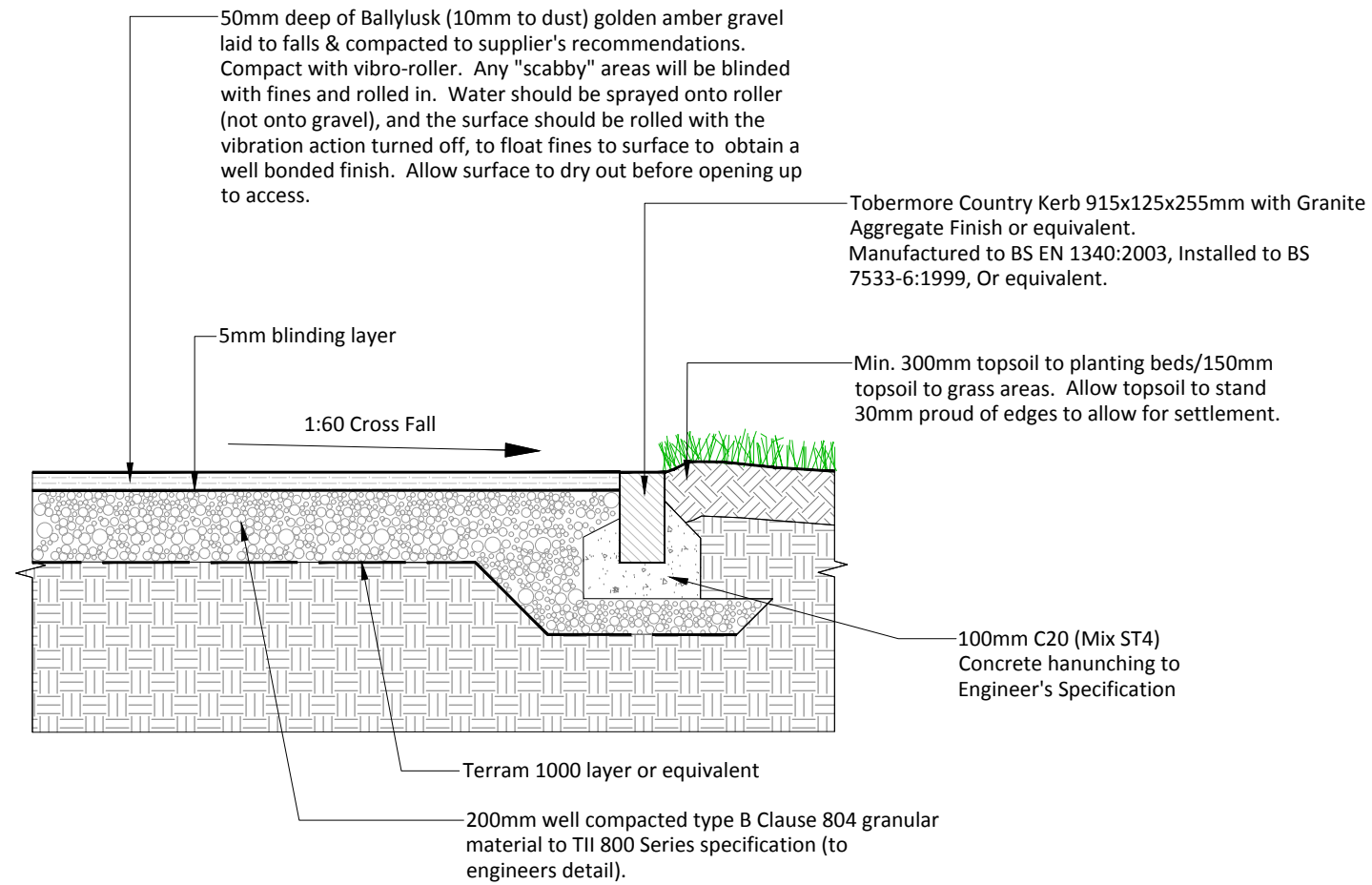
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Ballylusk Gravel Path with Country Kerb		Drawing No. 906B	Rev. 00
Scales 1:20 @ A3		Date 26/02/2021	
Status INFORMATION		Drn. AK	Chd. DBOs
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Passed	

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S7

Ballylusk Gravel Path with Country Kerb

1:20

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Drg. Ballylusk Gravel Path with Country Kerb		Drawing No. 906	Rev. 00
Scales 1:20 @ A3	Status INFORMATION	Date 18/10/2019	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		mail@bradyshipmanmartin.com www.bradyshipmanmartin.com	Drn. AK
		Chd. DBOs	Passed

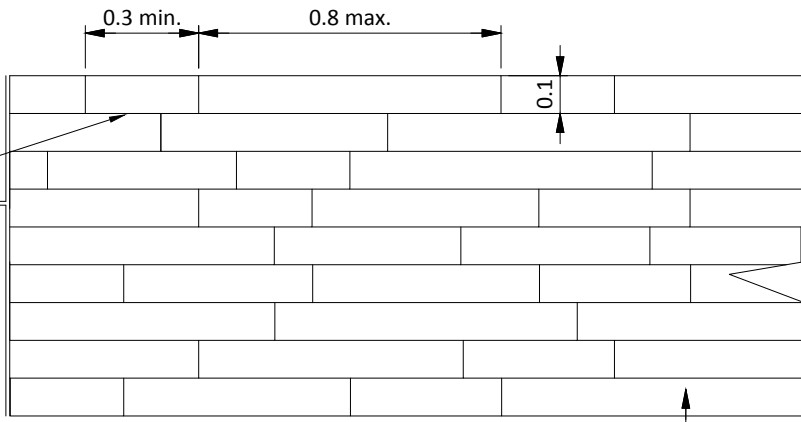
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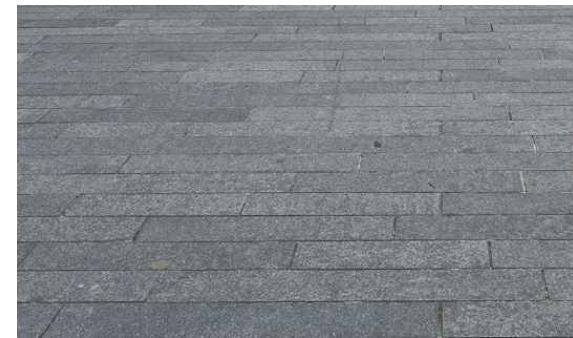
5-10mm Mortar Joint Colored to Match the Paving

Blue Irish Limestone kerb 200 x 250 deep x600 long, bush hammered finish.

PLAN



NOTE:
Apply Self Compacting Polymer Modified Slurry Mortar to BS7533, eg. Steintec Tufftop Mortar or Equivalent, Dark Grey Colour to Approval, Applied to Manufacturer's Recommendations.
After Cleaning Stone Surface of Slurry, Apply Approved Stone Protective Sealant to Stone Suppliers Recommendations.

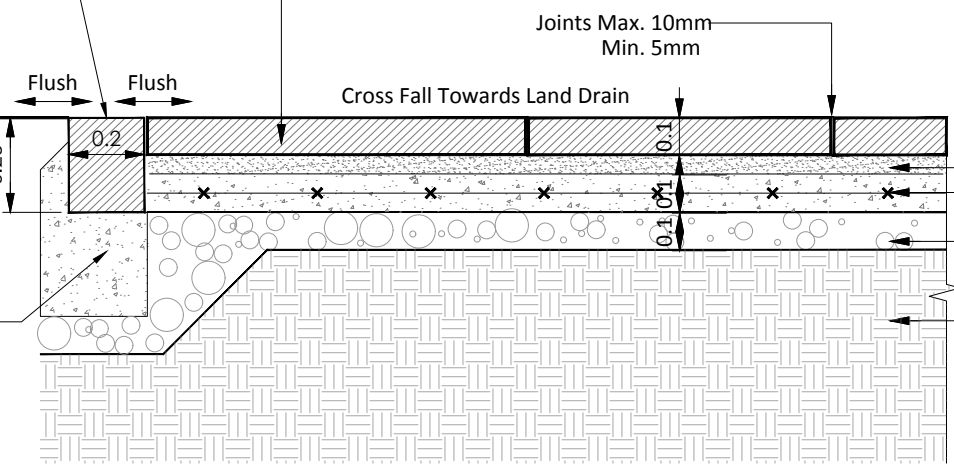


Sample of Limestone Paving Surface

Blue Irish Limestone kerb 200 x 250 deep x600 long, bush hammered finish.

300-800mm Random-Length Bush Hammered Textured Kilkenny Blue Irish Limestone

Adjacent surface, refer to Hardscape plan dwg 6615-408 & 409



SECTION - KERB LAID FLUSH

50mm Polymer Modified Mortar Bed, Steintec Tuff-bed Pre-mixed Mortar or Equivalent to BS7533, Laid to Manufacturers Recommendations. Apply Approved Adhesive Slurry, eg. Steintec Tuff-bond Priming Mortar or Equivalent, to Underside of Stone Paving Immediate Prior to Laying.

100mm Concrete Base Reinforced as Required

100mm Aggregate Base, to Engineers Detail Over Terram 1000 or Equivalent

Prepared Subgrade to Engineers Detail

S8B

Limestone Paving with Kerb

1:20

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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Limestone Paving with Kerb		Drawing No. 907B	Rev. 00
Scales 1:20 @ A3	Status INFORMATION	Date 20/04/2020	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Drn. LM	Chd. DBos
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Passed	



Preparing the sub-base

The sub-base should be well compacted and any uneven areas in the surface should be graded out, thus leaving a fine finish which allows for gradients and falls. The material used for each application can vary according to the condition of the sub-grade.

Typically sub-base;

1. 20-40mm of grit is screeded and levelled over the sub-base to BSEN 13242:2002.
2. The sharp sand is compacted over the sub-base using a plate vibrator.
3. The blocks are laid on top of the compacted sand or grit.
4. Dried sand or grit is brushed over the surface to fill the joints.
5. A plate vibrator is passed over paved area.



Sample Country Edge, Granite Aggregate finish



Sample of Sienna Block Paving, Colour Silver



Sample of Sienna Setts Paving, Colour Graphite

Country edge flat top
900x75x150. Granite aggregate finish or equivalent. Manufactured to BS EN 1340:2003, installed to BS 7533-6:1999

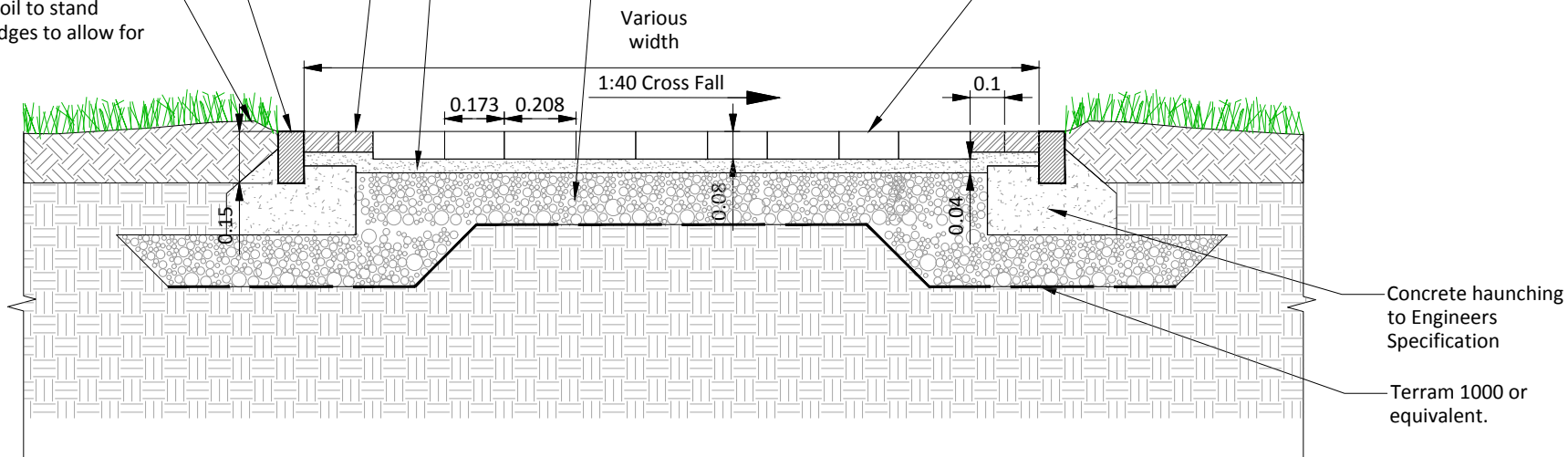
Min. 300mm topsoil to planting beds/150mm topsoil to grass areas. Allow topsoil to stand 30mm proud of edges to allow for settlement

Tobermore 2 rows of Sienna Setts, dimensions: 100x100x60mm thick, colour: Graphite, manufactured to BS EN 1338:2003, installed to BS 7533-3:2005, or equivalent

20-40mm of grit is screeded and levelled over the sub-base to BSEN 13242:2002

150mm well compacted sub base Type B Clause 804 granular material to TII 800 Series specification.

Tobermore Concrete Sienna Duo Block Paving, dimensions: 208x173x80mm & 173x173 x80mm thick, colour: Silver, manufactured to BS EN 1338:2003, installed to BS 7533-3:2005, or equivalent



A. Concrete block paving with Country Edge

Concrete Block Paving Footpath with Edge

S10B

1:20

Rev	Date	Drawn	Checked	Description

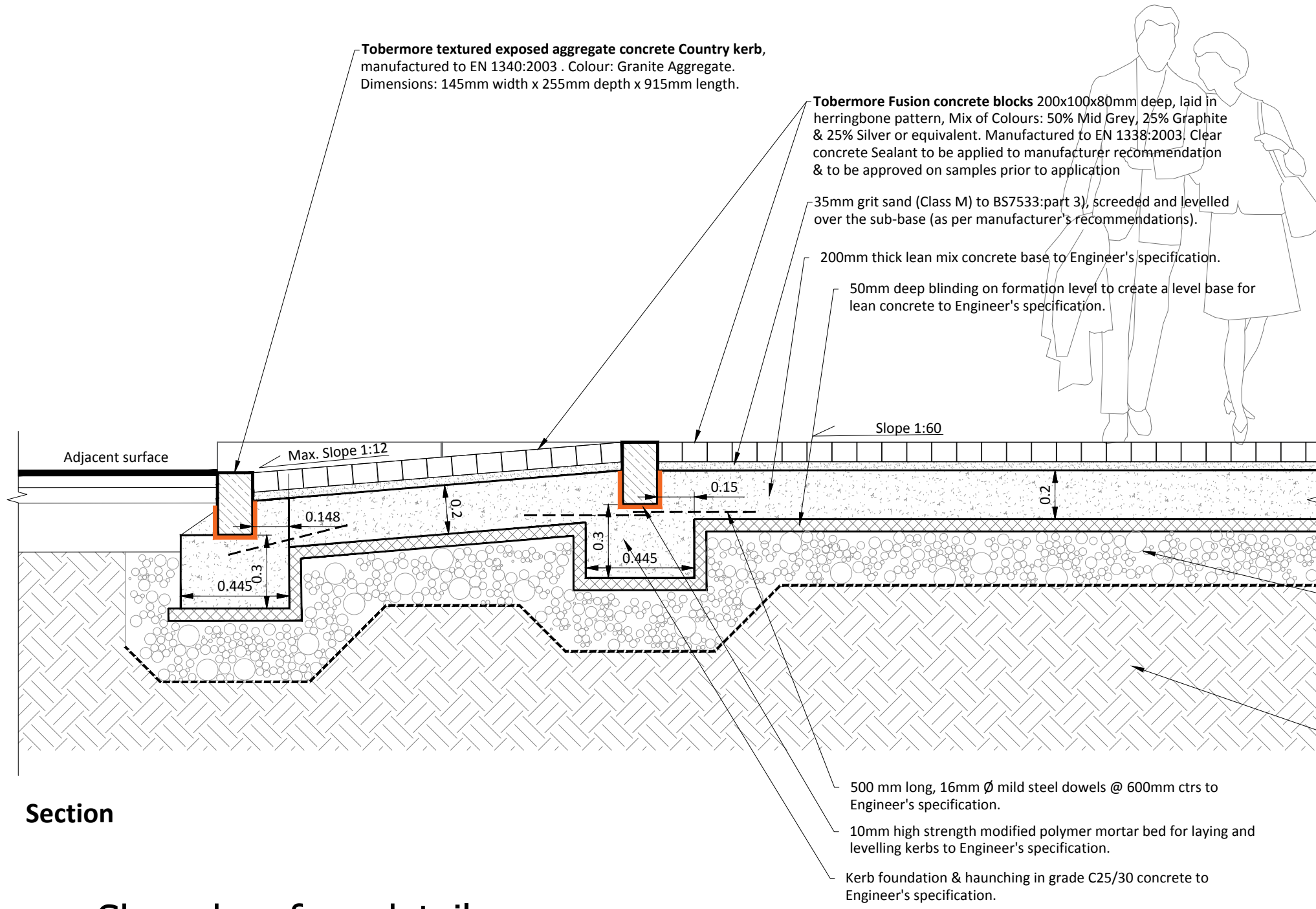
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Concrete Block Paving Path with Edge		Drawing No. 909B	Rev. 00
Scales 1:20 @ A3		Status INFORMATION	
Date 20/04/2020		Drn. AK	Chd. DBos
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Passed	

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Section

Shared surface detail

S10C

Scale 1:20

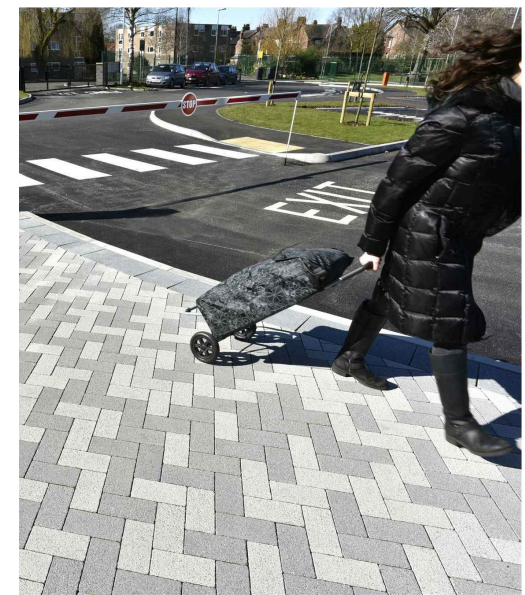


Image reference - Tobermore Fusion herringbone pattern



Sample Country Kerb



Granite Aggregate finish Swatch Sample

T1 struct crushed rock 0/31.5 to EN 13242 and SR21 annex E compacted in accordance with IS 888 over non-woven geotextile fabric (e.g.Terram 1000 or equivalent) - materials, depth and compaction to Engineer's specification.

Compacted sub-grade to Engineer's specification.

500 mm long, 16mm Ø mild steel dowels @ 600mm ctrs to Engineer's specification.

10mm high strength modified polymer mortar bed for laying and levelling kerbs to Engineer's specification.

Kerb foundation & haunching in grade C25/30 concrete to Engineer's specification.

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Project **Mallow Castle, Spa House and Town Park**

Project No. **6615**

Drg. **Shared Surface Detail**

Drawing No. **910B** Rev. **00**

Scales **1:20 @ A3** Status **PLANNING**

Date **26/02/2021**

Penrose Wharf Business Centre, Penrose Wharf, Cork
Tel: +353(0) 21 242 5620

mail@bradyshipmanmartin.com
www.bradyshipmanmartin.com

Drn. **AK** Chd. **DBos** Passed

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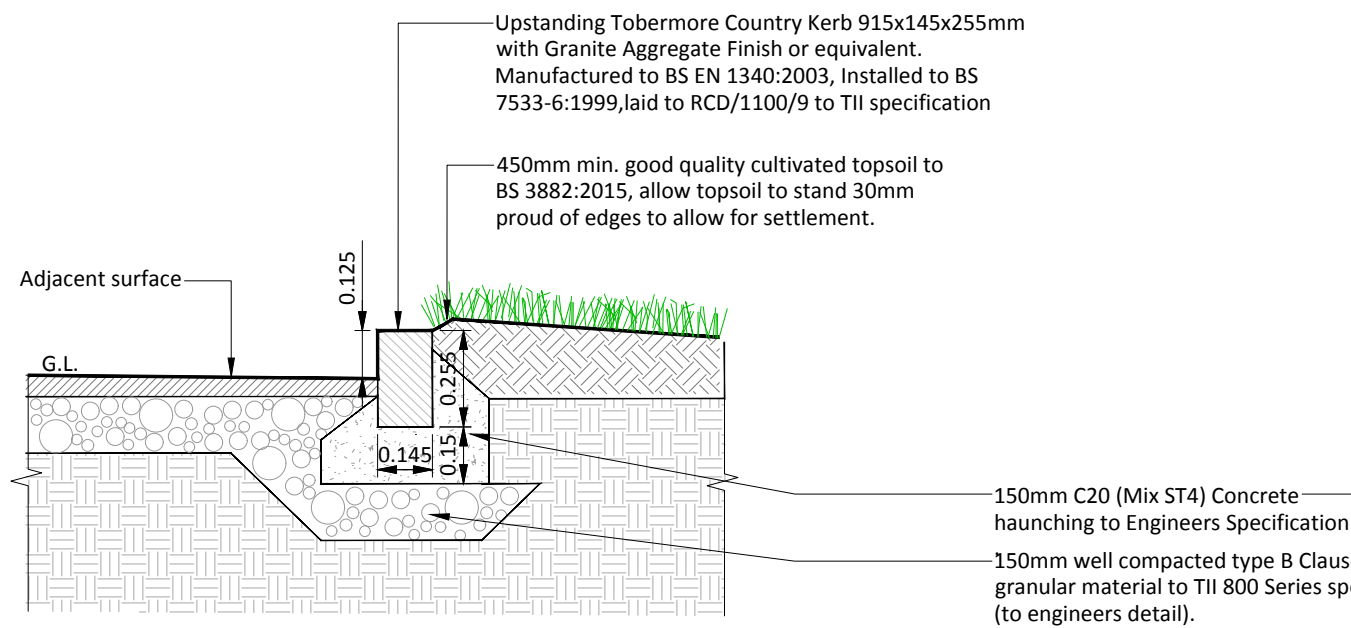
Rev	Date	Drawn	Checked	Description



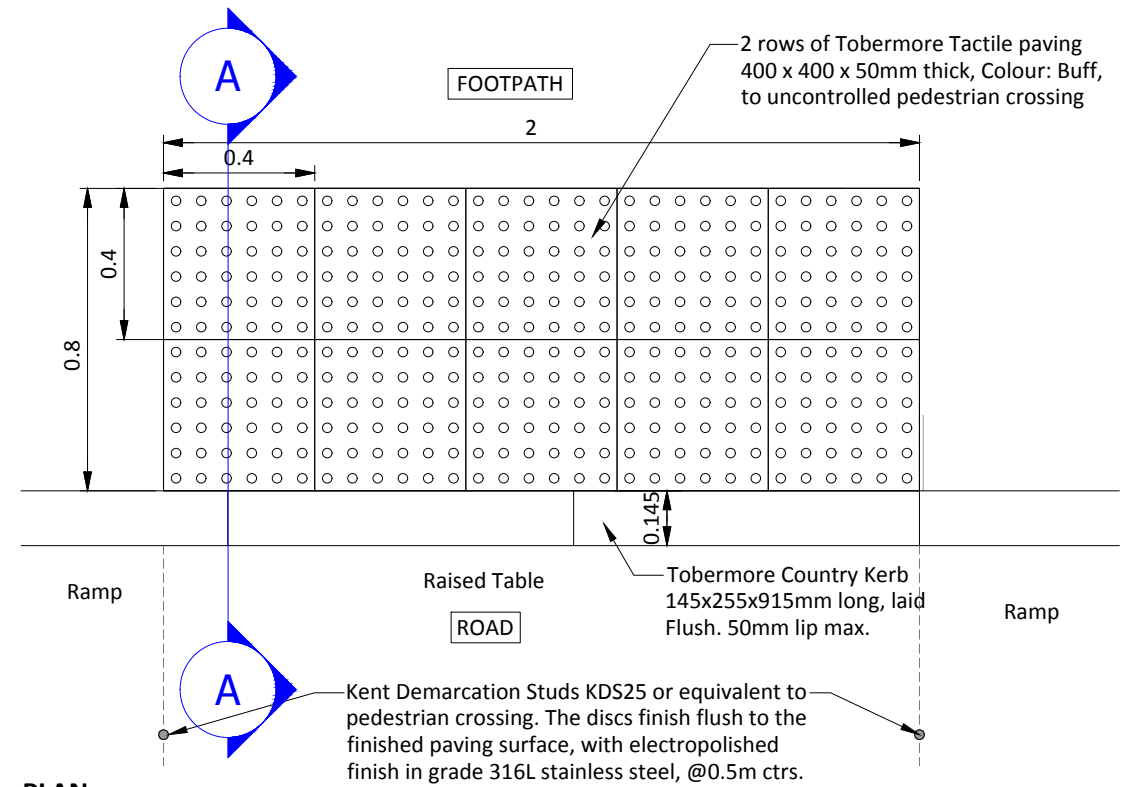
Sample Country Kerb



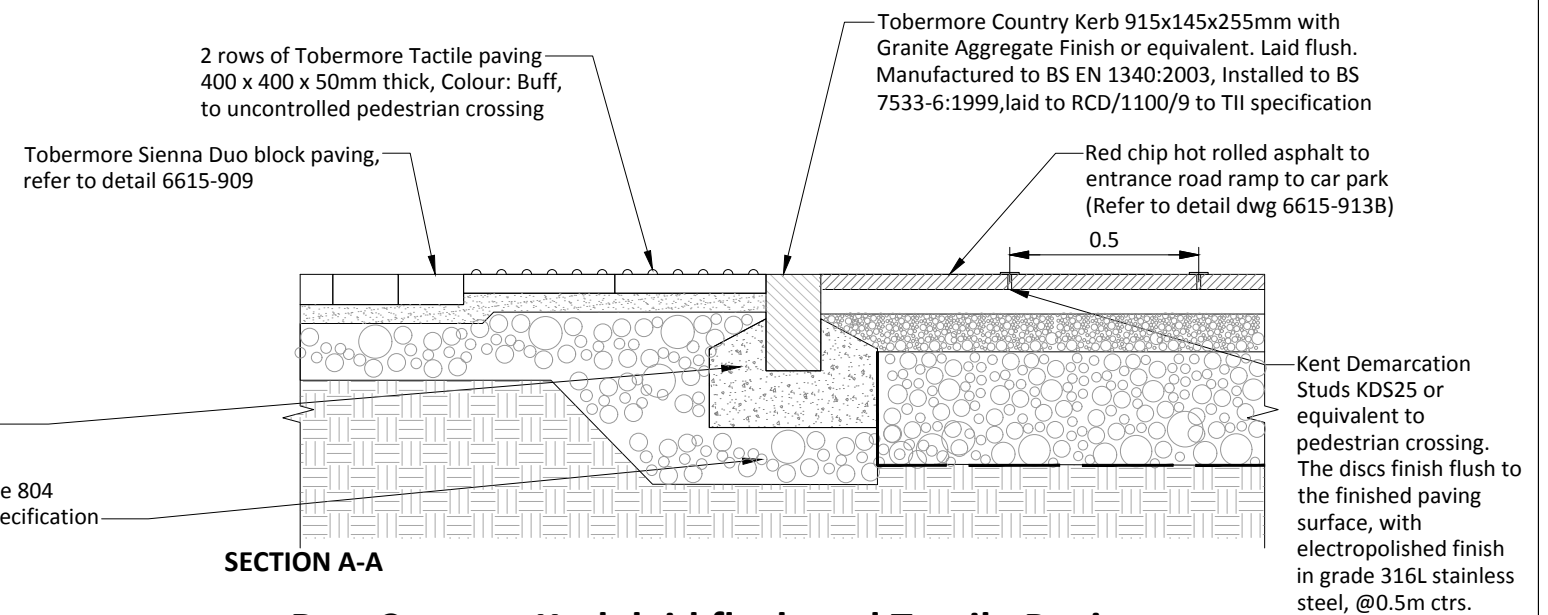
Granite Aggregate finish Swatch Sample



A. Upstanding Country Kerb



PLAN



SECTION A-A

B. Country Kerb laid flush and Tactile Paving

S12 Country Kerb

1:20

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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Country Kerb Detail		Drawing No. 911	Rev. 01
Scales 1:20 @ A3	Status INFORMATION		Date 20/04/2020
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		mail@bradyshipmanmartin.com www.bradyshipmanmartin.com	Drn. LM Chd. DBos Passed

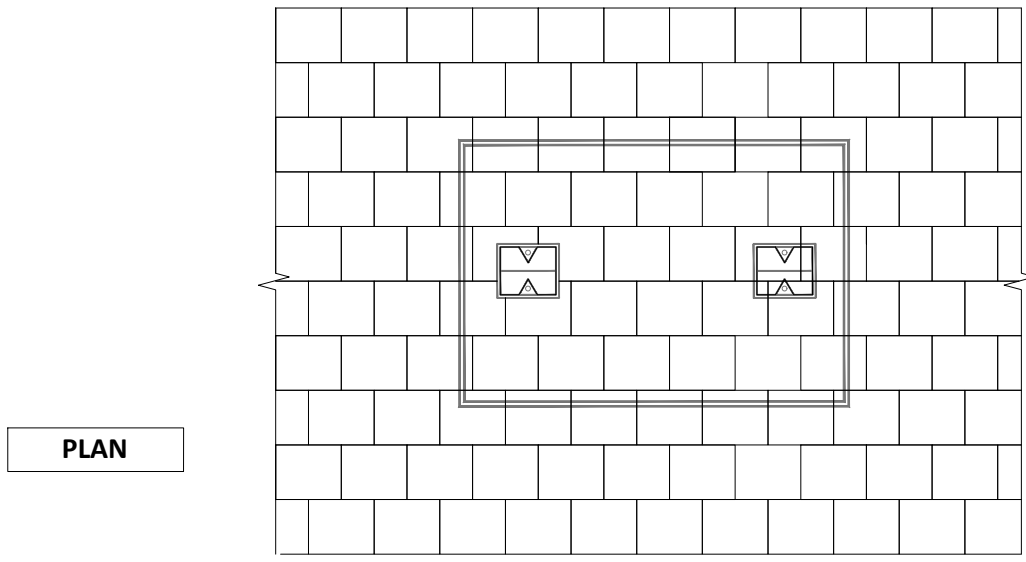
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- NOTE**
- MANHOLE COVER TO BE ORIENTATED PARALLEL TO THE PAVING EDGE
 - MANHOLE COVER TO BE A MINIMUM D CLASS
 - PAVING WITHIN THE COVER SHOULD MATCH WITH ADJACENT PAVING PATTERN

SUPPLIER:

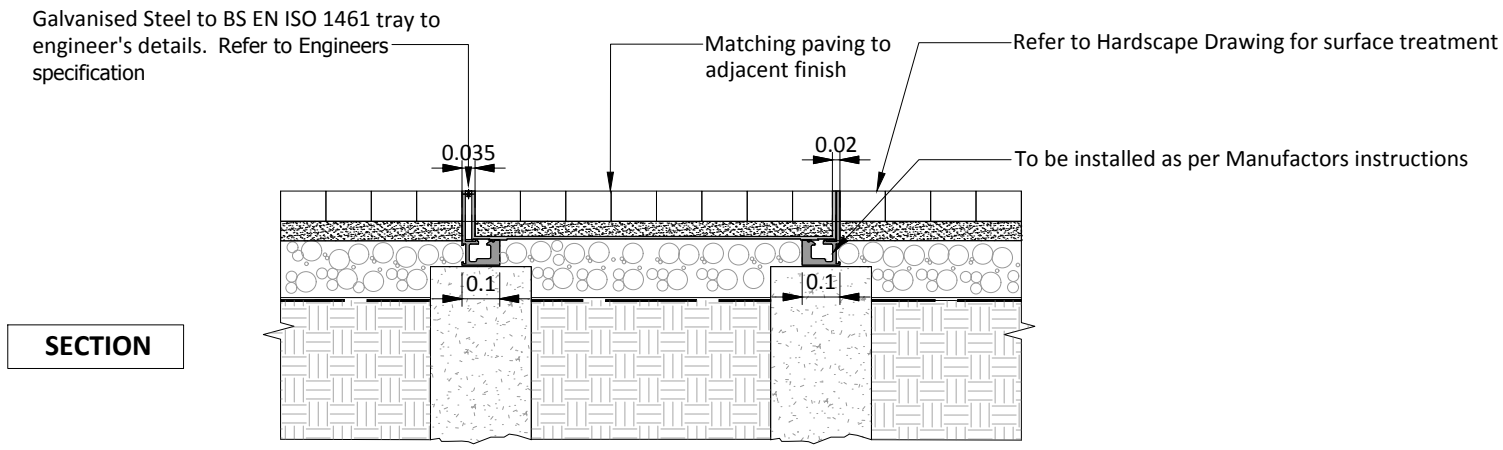
Kent Stainless Steel
 Ardcavan, Co. Wexford
 Y35 CRW2
 Tel: +353 53 914 3216
 info@kentstainless.com
 Or equivalent



PLAN



Sample of Recessed Manhole Cover



SECTION

S13

Recessed Manhole Cover

1:20

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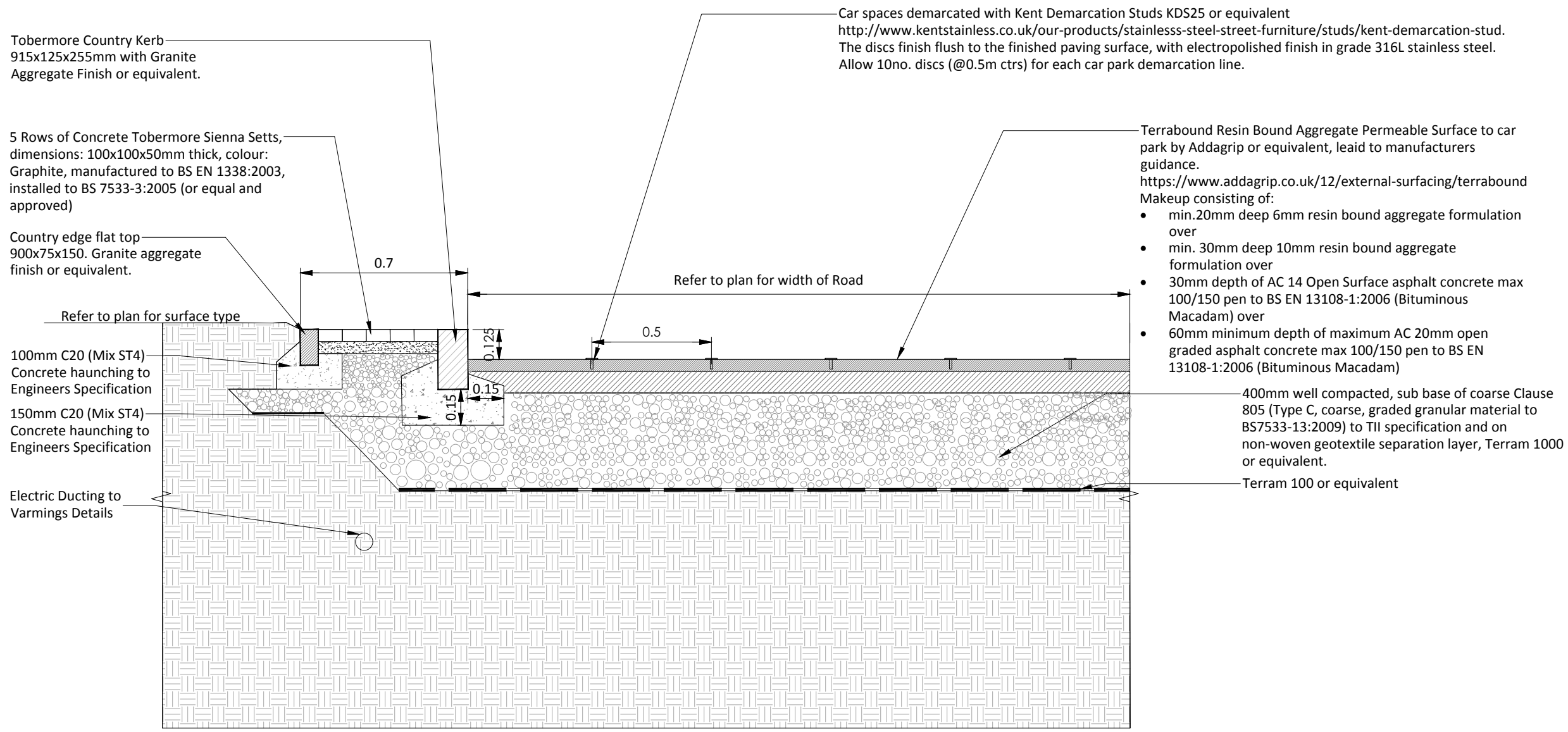
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Recessed Manhole Cover		Drawing No. 912	Rev. 00
Scales 1:20 @ A3	Status INFORMATION	Date 16/04/2020	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Drn. AK	Chd. DBos
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Passed	

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NOTE:
REFER TO ENGINEERS DETAILS AND SPECIFICATIONS



S14 Permeable Resin Bound Aggregate to Car Park with Overhang Edge

1:20

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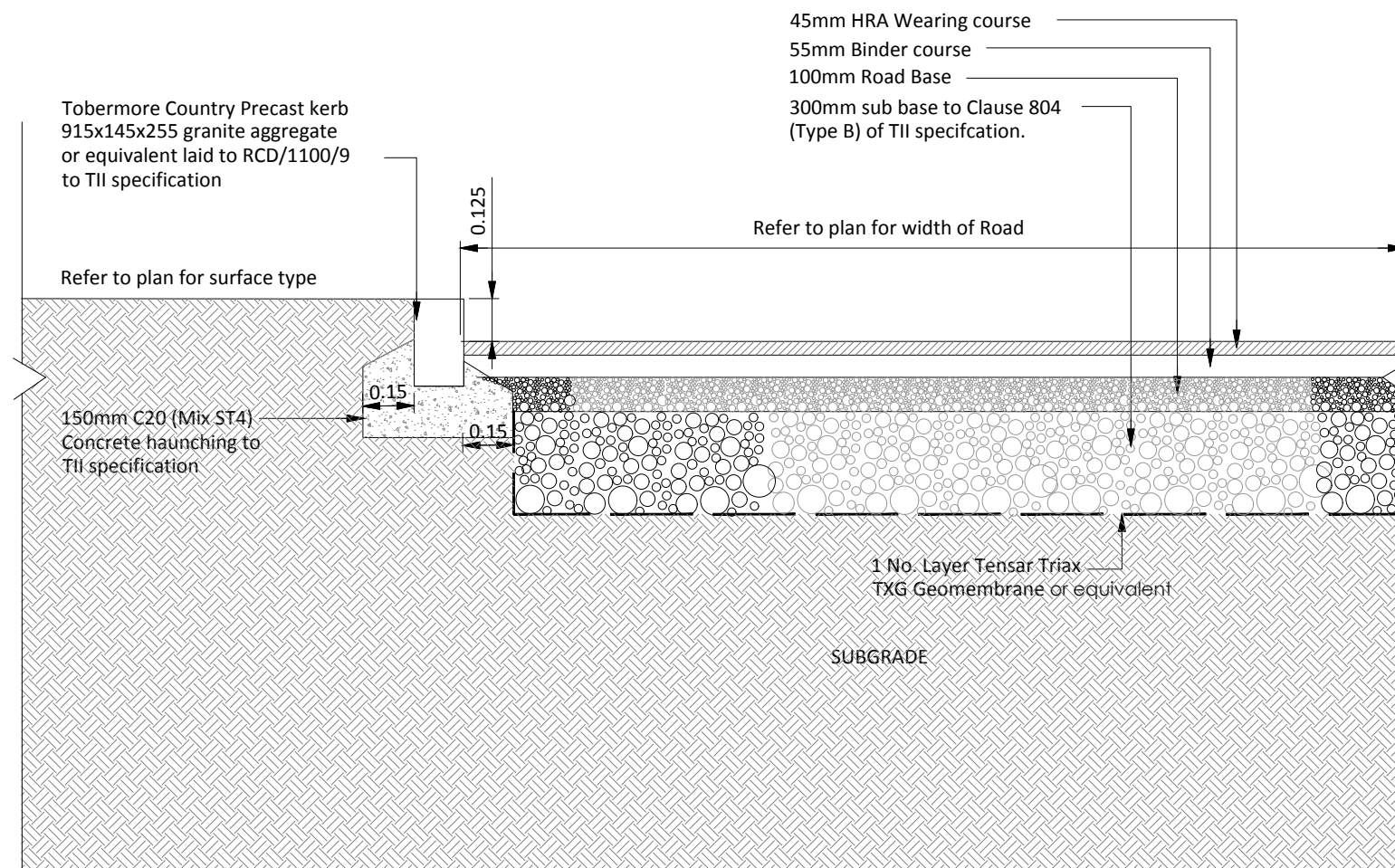
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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. Permeable Resin Bound Aggregate to Car Park with Overhang Edge		Drawing No. 913	Rev. 00
Scales 1:20 @ A3		Status INFORMATION	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Date 16/04/2020	Drn. LM
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Chd. DBos	Passed



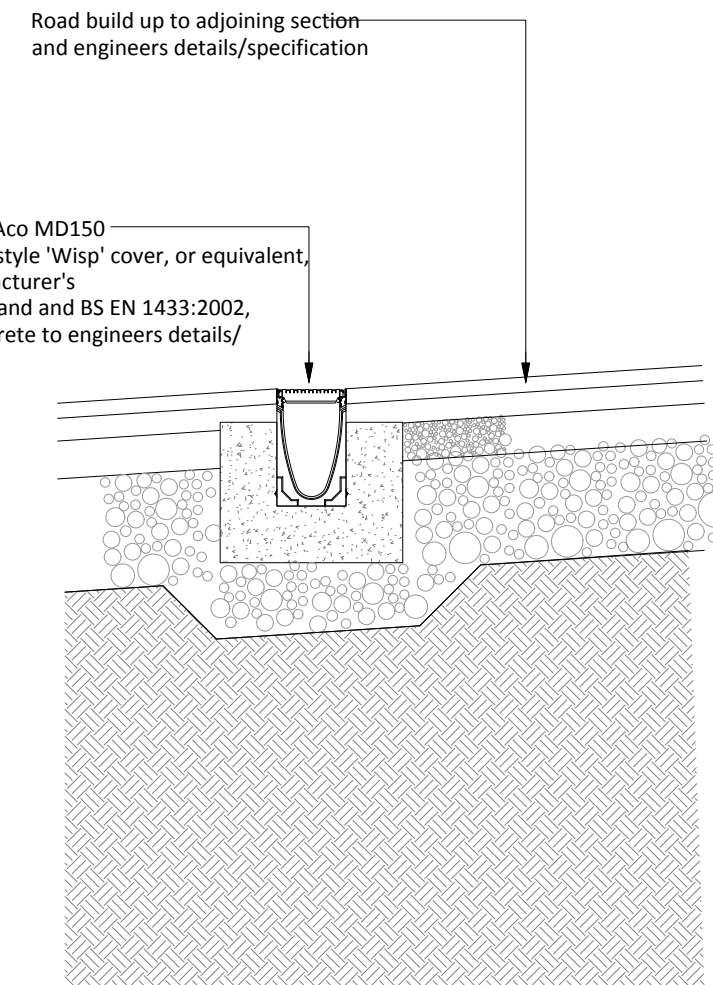


Image reference - cast iron linear drainage cover Aco Freestyle 'Wisp'



SECTION
New Road Surface

1:20



SECTION TO LINEAR DRAIN

S14B

Rev	Date	Drawn	Checked	Description

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Project Mallow Castle, Spa House and Town Park		Project No. 6615	
Drg. New Road Surface		Drawing No. 913B	Rev. 00
Scales 1:20 @ A3	Status INFORMATION	Date 16/04/2020	
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mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Passed	

BSM

Est. 1968

NOTE:
REFER TO ENGINEERS DETAILS AND SPECIFICATIONS

3 Rows Tegula Concrete Paving Blocks 80mm depth strip for Charge points of Electric Vehicles. Colour: charcoal. Laid to Manufacturer's recommendations.

Tobermore Kerbstone Charcoal Colour. Or equivalent

Planting/grass area (see plan)

PLAN

Tobermore Country Kerb 915x125x255mm with Granite Aggregate Finish or equivalent.

3 Rows Shannon Concrete Paving Blocks 208x173x80mm depth strip for Charge points of Electric Vehicles. Colour: charcoal. Laid to Manufacturer's recommendations.

Country edge flat top 900x75x150. Granite aggregate finish or equivalent.

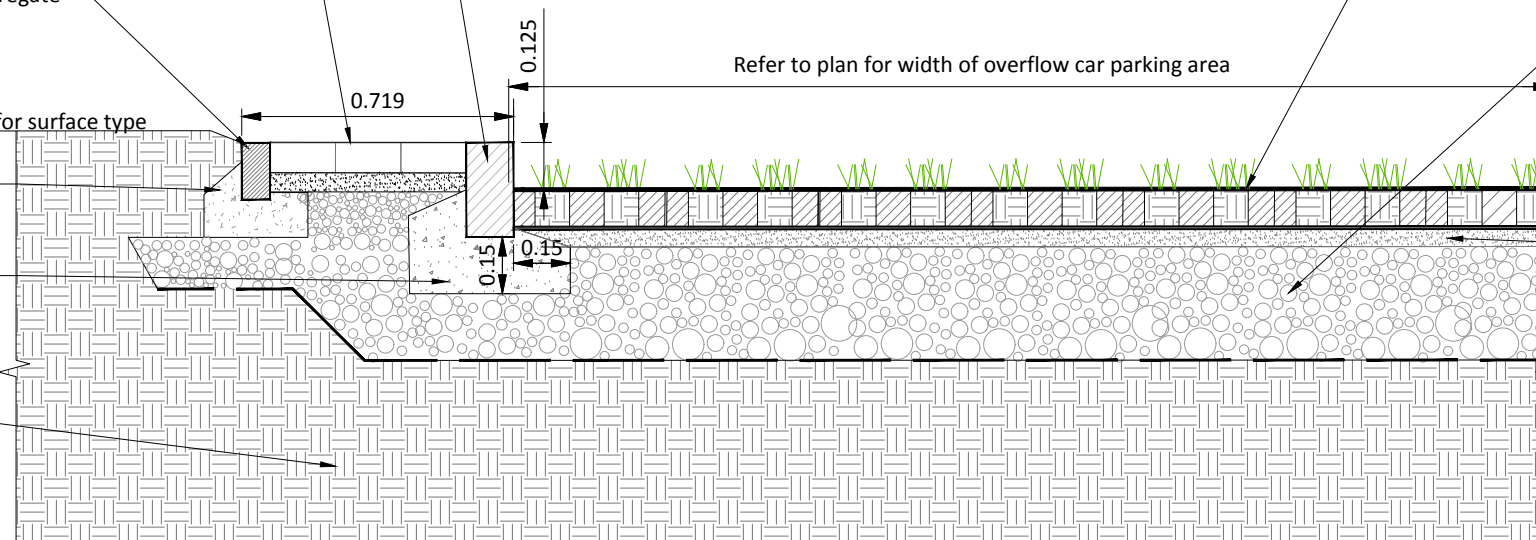
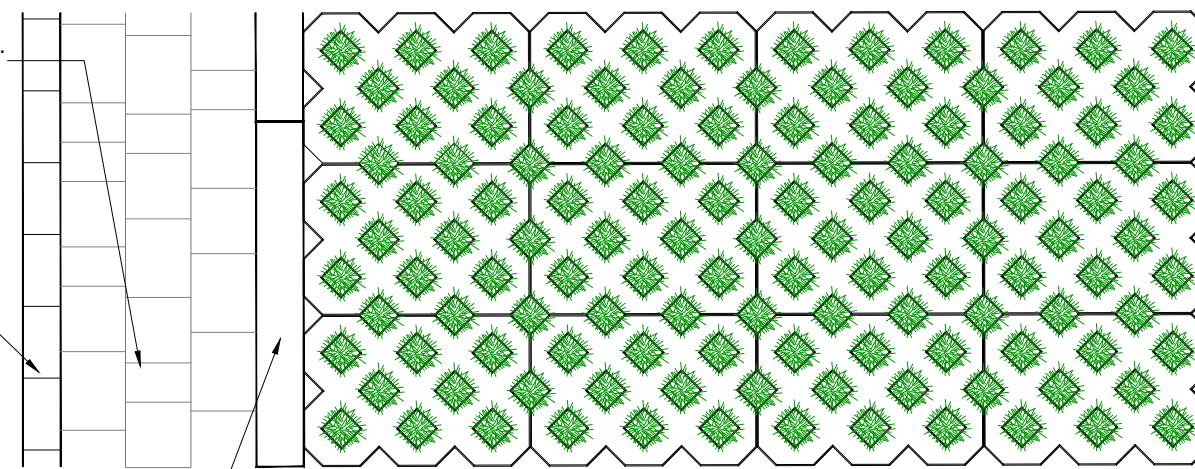
Refer to plan for surface type

100mm C20 (Mix ST4) Concrete haunching to Engineers Specification

150mm C20 (Mix ST4) Concrete haunching to Engineers Specification

Electric Ducting to Engineers Details

SECTION



Reinforced grass concrete block paving block 600*400*100 to BS EN 1338:2003 (Natural Colour, Tobermore Turfstone, o.s.e.a.), installed to BS 7533-3:2005 and manufacturer's recommendations. concrete paving block.
Fill with good quality cultivated topsoil to BS 3882:2007, allow for settlement and refill. Plant drought tolerant grass seed @50sq.m. into these pockets, such as
50% Perennial Ryegrass
20% Slender Creeping Red Fescue
25% Strong Creeping Red Fescue
5% Browntop Bent, or equivalent.

300mm well compacted sub base Type C, Clause 803 granular material to TII specification, on non-woven geotextile layer (Terram 2000 o.s.e.a.). Desired CBR at formation is 4%. Upon completion of the above, compaction should be confirmed by Plate Bearing Tests in accordance with BS1377 (1990).

50mm deep grit 6.3-2.0mm to BSEN 13242:2002 over blinding layer

S15

Turfstone Car Park with Overhang Edge

1:20

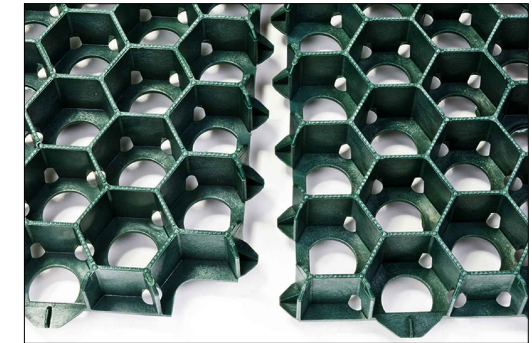
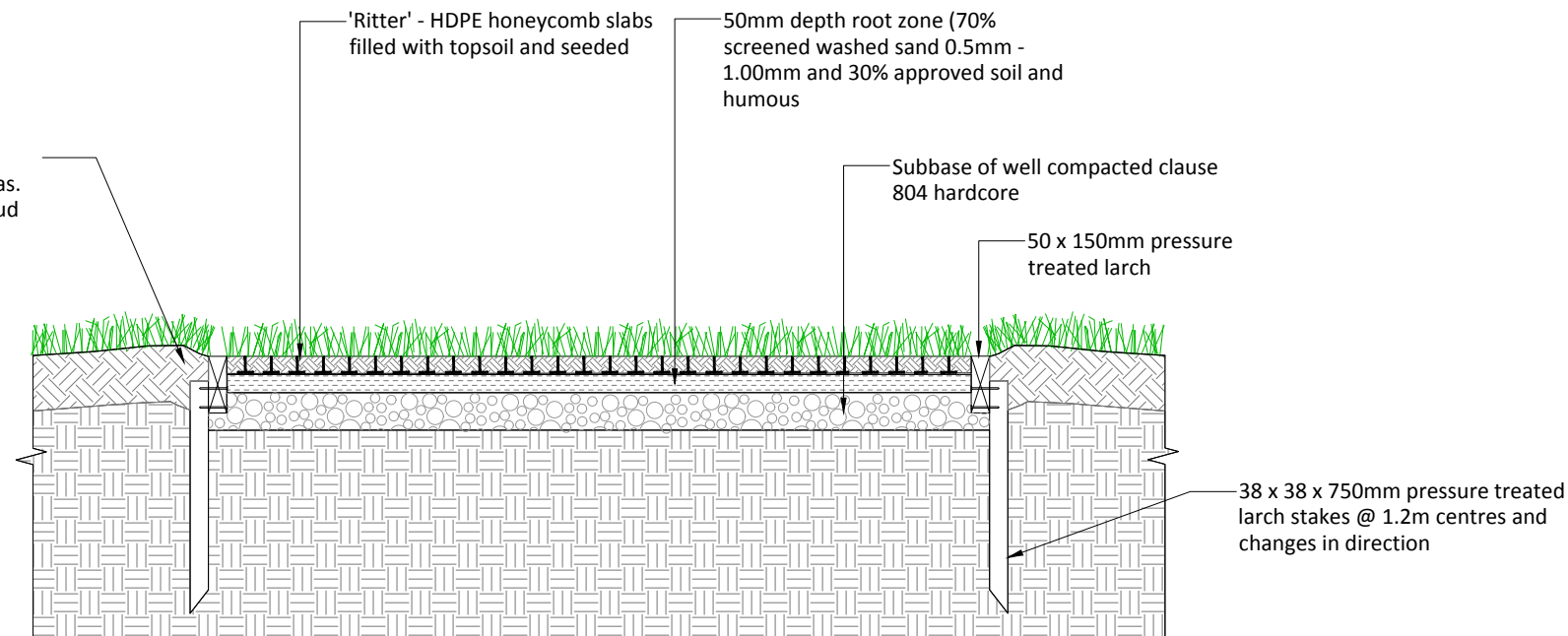
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Drg. Turfstone Car Park with Overhang Edge		Drawing No. 914	Rev. 00
Scales 1:20 @ A3		Status INFORMATION	
Penrose Wharf Business Centre, Penrose Wharf, Cork Tel: +353(0) 21 242 5620		Date 21/10/2019	Drn. AK
mail@bradyshipmanmartin.com www.bradyshipmanmartin.com		Chd. DBOs	Passed

Min. 300mm topsoil to planting beds/150mm topsoil to grass areas. Allow topsoil to stand 30mm proud of edges to allow for settlement.



Sample of 'Ritter' Reinforced Grass Slabs



Reinforced Grass

S16

'Ritter' Reinforced Grass Footpath

1:20

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Drg. 'Ritter' Reinforced Grass Footpath		Drawing No. 915	Rev. 00
Scales 1:20 @ A3		Date 21/10/2019	
Status INFORMATION		Drn. AK	Chd. DBOs
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