



Arboricultural Management Plan: St Mary's Airport Construction Compound

January 2014

Prepared for:
Lagan Construction

UNITED
KINGDOM &
IRELAND



Rev	Date	Details	Prepared by	Checked by	Approved by
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**TREE PROTECTION AND LANDSCAPE RESTORATION
- OUTLINE SPECIFICATION**

The contractor is to comply with the requirements of BS3882(2007) Topsoil.

A) Existing Stone Faced Hedgebank & Stone Gatepost Bounding A3111 Telegraph Road

- End section of stone faced hedgebank proposed for temporary removal to facilitate construction access - contractor to confirm exact length to be removed.
- Existing hedgerow trees to be felled, (outside bird nesting season) with arisings chipped/billed and stored on site.
- Existing hedgebank stone (including stone gatepost) to be carefully dismantled and stored in an undamaged state during site operation.
- Existing hedgebank soils to be carefully separated from stone/woody arisings/field topsoils and stored in an un-compacted/uncontaminated state on site, prior to re-use. Hedgebank soil stockpiles not to exceed 1.5m Ht. and should at no point be tracked by plant/equipment. Herbicide application should *not* be applied to stored hedgebank soils, in the interests of preserving the seedbank.
- Hedgebank topsoils to be stored separately from field topsoils. Contractor to confirm area and location of all topsoil stockpiles prior to removing hedgebank.
- Upon completion of the works, hedgebank to be reinstated in accordance with URS Typical Stone Faced Hedgebank Detail drawing 47065269-301 and to match dimensions and style of adjacent section of hedgebank. Reinstatement to include installation of stone gate post.
- Remaining section of stone faced hedgebank (and associated trees and woody vegetation) to be retained and protected during construction. No construction operations permitted within 1.0m of hedgebank or canopy spread.

B) Existing Monterey Pine Tree (*Pinus radiata*) overhanging field access point

- Existing tree to be removed due to conflict with overhanging branches/trunks with vehicular access which cannot be acceptably alleviated by pruning operations. All works to be undertaken in accordance with BS3998:2010 taking care not to damage adjacent trees. Arisings to be removed from site to a suitable local recycling facility.

C) Existing Stone Faced Hedgebanks Internal to Site

- Contractor to confirm location(s) and extent of construction site break-through points within internal stone faced hedgebank.
- Existing hedgebank stone to be carefully dismantled and stored in an undamaged state during site operation.
- Existing hedgebank soils to be carefully separated from stone/woody arisings/field topsoils and stored in an un-compacted/uncontaminated state on site, prior to re-use. Hedgebank soil stockpiles not to exceed 1.5m Ht. and should at no point be tracked by plant/equipment. Herbicide application should *not* be applied to stored hedgebank soils, in the interests of preserving the seedbank.
- Hedgebank topsoils to be stored separately from field topsoils. Contractor to confirm area and location of all topsoil stockpiles prior to removing hedgebank.
- Remaining section of stone faced hedgebank (and associated trees and woody vegetation) to be retained and protected during construction. No construction operations permitted within 1.0m of hedgebank or canopy spread.
- Upon completion of the works, hedgebank to be reinstated in accordance with URS Typical Stone Faced Hedgebank drawing 47065269-301 and to match dimensions and style of adjacent section of hedgebank.

D) Site Compound Storage Area

- Materials storage, (and vehicular access to these areas) have the potential to cause compaction and damage to the underlying field topsoils. Contractor to confirm whether these areas will be protected by means of proprietary no-dig/above ground system (e.g. CELLWEB cellular confinement systems) or be stripped and temporarily stored. It is assumed that all sub-soils will remain in-situ.

Trial Pits (6No.)

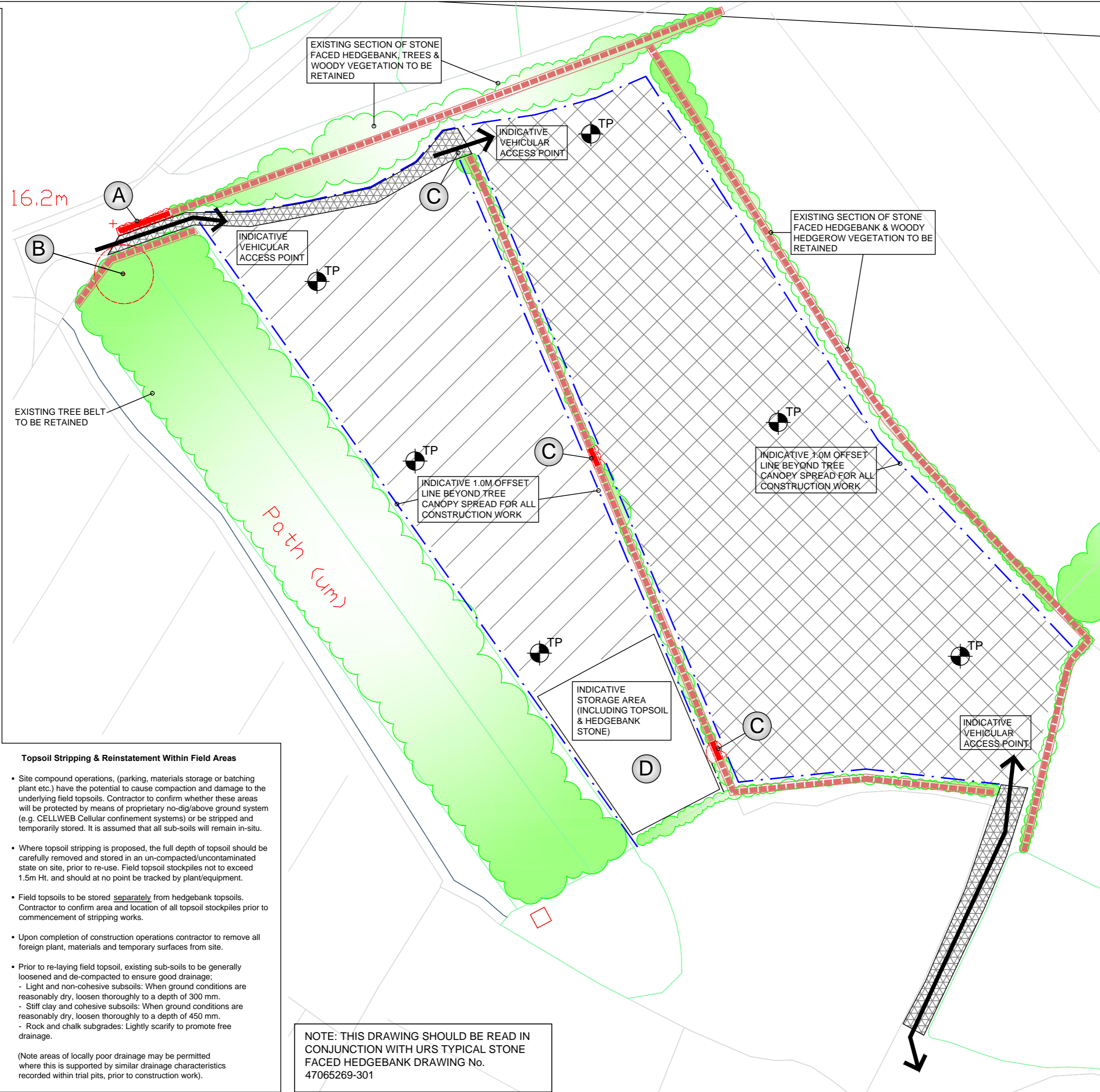
- 6No. representative trial pits are to be excavated within field locations prior to any site work or topsoil stripping for the purpose of establishing/recording;
 - Topsoil depth/characteristics
 - Inherent ground drainage characteristics.
- Drainage characteristics to be established during suitable weather conditions and by means of simple, timed infiltration test using a known quantity of clean water.
- Recorded information to be used to assist topsoil reinstatement works including topsoil depths and to identify any areas of locally poor drainage etc.

Topsoil Stripping & Reinstatement Within Field Areas

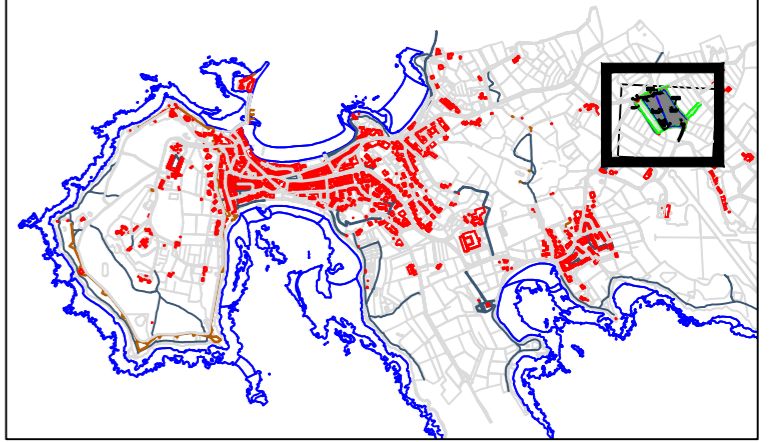
- Site compound operations, (parking, materials storage or batching plant etc.) have the potential to cause compaction and damage to the underlying field topsoils. Contractor to confirm whether these areas will be protected by means of proprietary no-dig/above ground system (e.g. CELLWEB Cellular confinement systems) or be stripped and temporarily stored. It is assumed that all sub-soils will remain in-situ.
- Where topsoil stripping is proposed, the full depth of topsoil should be carefully removed and stored in an un-compacted/uncontaminated state on site, prior to re-use. Field topsoil stockpiles not to exceed 1.5m Ht. and should at no point be tracked by plant/equipment.
- Field topsoils to be stored separately from hedgebank topsoils. Contractor to confirm area and location of all topsoil stockpiles prior to commencement of stripping works.
- Upon completion of construction operations contractor to remove all foreign plant, materials and temporary surfaces from site.
- Prior to re-laying field topsoil, existing sub-soils to be generally loosened and de-compacted to ensure good drainage;
 - Light and non-cohesive subsoils: When ground conditions are reasonably dry, loosen thoroughly to a depth of 300 mm.
 - Stiff clay and cohesive subsoils: When ground conditions are reasonably dry, loosen thoroughly to a depth of 450 mm.
 - Rock and chalk subgrades: Lightly scarify to promote free drainage.

(Note areas of locally poor drainage may be permitted where this is supported by similar drainage characteristics recorded within trial pits, prior to construction work).

NOTE: THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH URS TYPICAL STONE FACED HEDGEBANK DRAWING No. 47065269-301



SITE LOCATION PLAN (NTS)



LEGEND (SEE NOTES)

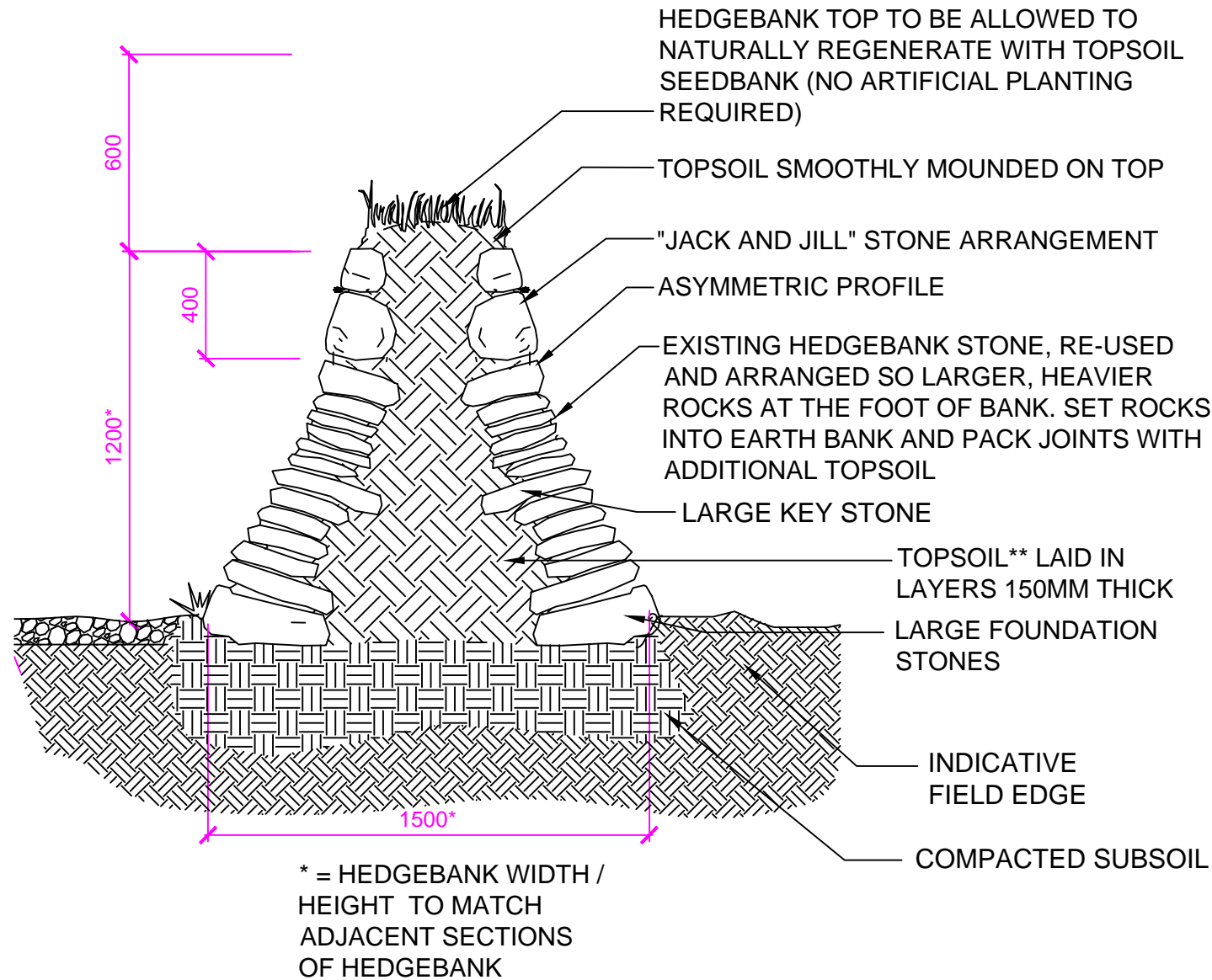
- EXISTING TREE TO BE REMOVED
- EXISTING STONE FACED HEDGEBANK VEGETATION TO BE REMOVED & REINSTATED
- EXISTING WOODY OR HERBACEOUS VEGETATION TO BE RETAINED AND PROTECTED DURING CONSTRUCTION
- EXISTING STONE FACED BANK TO BE RETAINED & PROTECTED DURING CONSTRUCTION
- INDICATIVE LOCATION OF FIELD TRIAL PITS (6No. TOTAL) - SEE NOTES
- INDICATIVE LINE OF 1.0M OFFSET FOR ALL TEMPORARY SITE COMPOUND & CONSTRUCTION ACTIVITIES BEYOND RETAINED TREE CANOPIES OR HEDGEBANKS ETC..
- TARGET NOTE FOR SPECIFIC PROTECTION OR LANDSCAPE RESTORATION METHODOLOGY (SEE NOTES)
- INDICATIVE EXTENT OF (TEMPORARY) TOPSOIL REMOVAL WITH GROUND REINFORCEMENT PROVIDED FOR VEHICULAR ACCESS (SEE NOTES)
- INDICATIVE EXTENT OF (TEMPORARY) TOPSOIL REMOVAL PRIOR TO TEMPORARY CONSTRUCTION USES (SEE NOTES)
- INDICATIVE EXTENT OF (TEMPORARY) PARTIAL TOPSOIL REMOVAL PRIOR TO TEMPORARY CONSTRUCTION USES (SEE NOTES)

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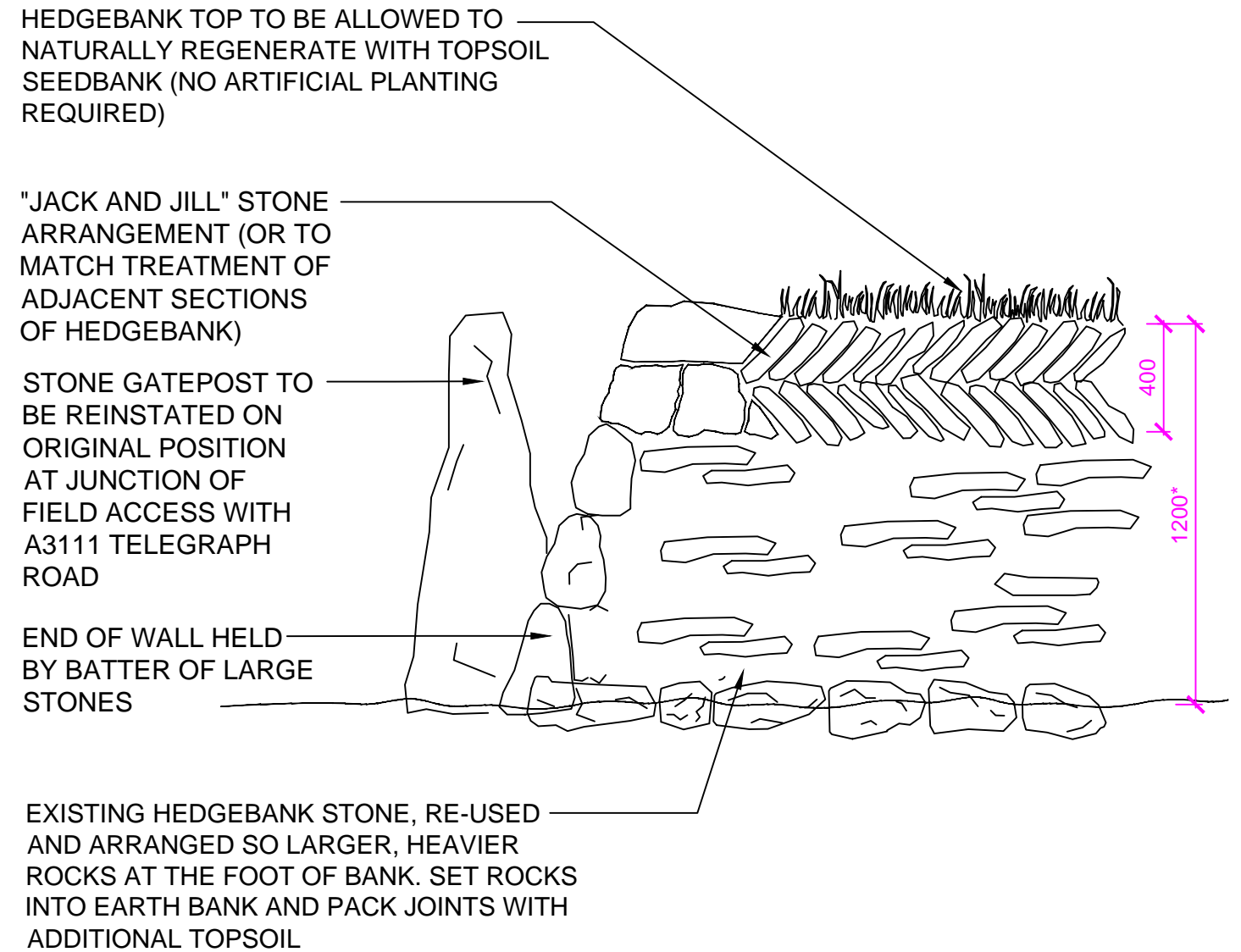
<p>Purpose of issue updated to Planning</p>				<p>CC/IR</p>	<p>17-01-14</p>	<p>A</p>	<p>SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX</p> <p>IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROPRIATE METHOD STATEMENT.</p>		<p>Project Title</p> <p>ISLES OF SCILLY ST MARY'S AIRPORT</p>	<p>Drawing Title</p> <p>TREE PROTECTION & LANDSCAPE RESTORATION PROPOSALS</p>	<p>Purpose of issue</p> <p>PLANNING</p>	<p>THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF URS' APPOINTMENT BY ITS CLIENT. URS ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING URS' EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.</p>		<p>URS Infrastructure & Environment UK Limited</p> <p>Mayflower House Armada Way, Plymouth Devon, PL1 1LD Tel: +44 (0)1752 676700 Fax: +44 (0)870 238 6023 www.ursglobal.com</p>
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TYPICAL SECTION THROUGH REINSTATED SECTION OF STONE FACED HEDGEBANK @ 1:20



TYPICAL ELEVATION / END OF WALL DETAIL @ 1:20



- 1 A LOOSE STONE FACED WALL FILLED WITH TOPSOIL AND ALLOWED TO NATURALLY REGENERATE ON TOP. STONES ARE NOT TO BE MORTAR JOINTED.
 - 2 EXCAVATE A 150mm DEPTH (MINIMUM) TRENCH, COMPACT THE SOIL TO PERMIT A STABLE AND ROBUST WALL TO BE CONSTRUCTED.
 - 3 STONE SHALL BE RE-USED HEDGEBANK STONE FROM ORIGINAL SECTIONS OF REMOVED HEDGEBANK (STORED ON SITE DURING CONSTRUCTION).
- ** NOTE TOPSOIL BACKFILL BE BE DERIVED EXCLUSIVELY FROM SITE-WON TOPSOIL FROM WITHIN EXISTING DISMANTLED SECTIONS OF HEDGEBANK. TOPSOIL DERRIVED FROM FIELD AREAS MAY NOT BE USED IN HEDGEBANK CONSTRUCTION.

NOTE: THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH URS TREE PROTECTION & LANDSCAPE RESTORATION PROPOSALS DRAWING No. 47065269-300

Plot Date : 17 January 2014 13:00:52
File Name : K:\PROJECTS\47065269 - IOS AIRPORT TERMINAL SURVEY\6 CAD\LANDSCAPE\47065269 - 301 TYPICAL HEDGEBANK DETAIL.REVA

Project Title ISLES OF SCILLY ST MARY'S AIRPORT	Drawing Title TYPICAL STONE-FACE HEDGEBANK DETAIL	Purpose of issue PLANNING					THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF URS' APPOINTMENT BY ITS CLIENT. URS ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING URS' EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.	URS Infrastructure & Environment UK Limited Mayflower House Armada Way, Plymouth Devon, PL1 1LD Tel: +44 (0)1752 676700 Fax: +44 (0)870 238 6023 www.ursglobal.com
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