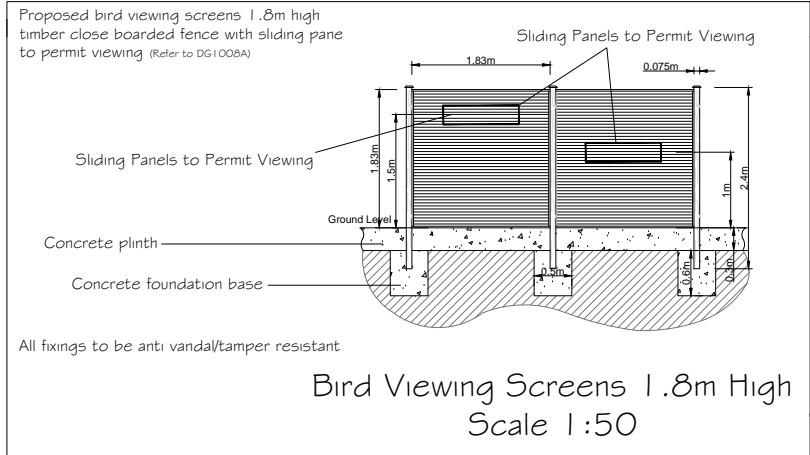
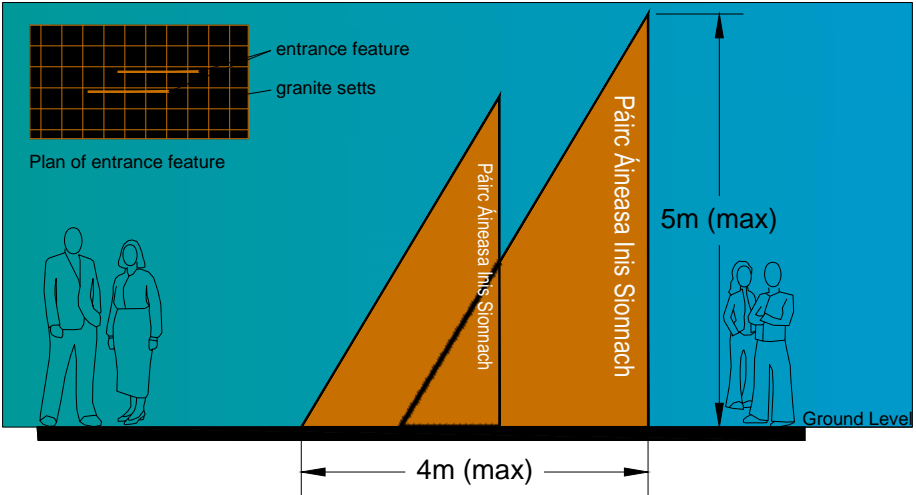
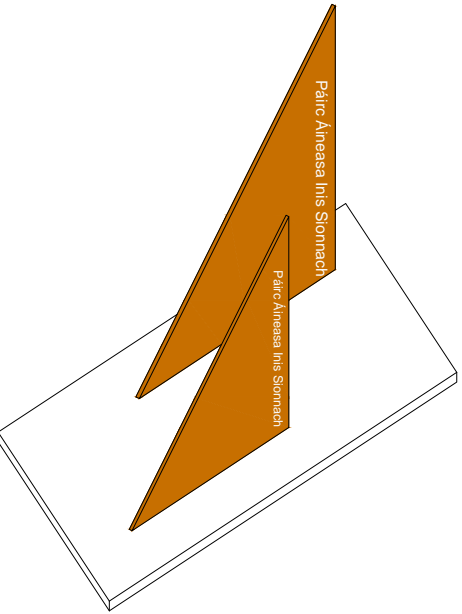
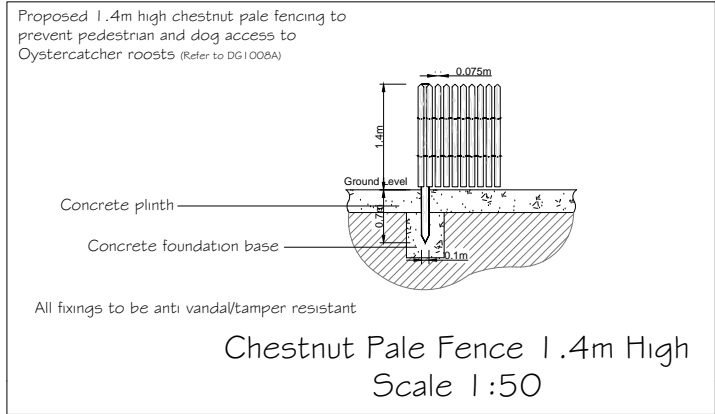


Proposed Cycle Stands - Sheffield Type Cycle Stand
Cycle Stands Not To Scale



Example of Corten Steel sign

Concept: Entrance features in Corten Steel to reflect nautical and industrial working history of Páirc Áineasa Inis Siannach



The Entrance Feature is comprised of two triangles replicating sails on a ship with one larger than the other and staggered back. The name of the park *Páirc Áineasa Inis Siannach* is cut out of the steel. As the steel ages it gains a rust like appearance. The entrance feature is to be surrounded by granite setts to complement and also act as a hard surface for gathering visitors to the park.

Entrance Feature Not To Scale

R:\MCE0734_Haulbowl Waste Sampling\8.0 Drawings\DG\SERIES 1000 - WASTE LICENCE APPLICATION\MCE0734DG1008\F01.dwg



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F01	07.11.13	RH	FINAL ISSUE	ER
A01	24.04.13	RH	ISSUE FOR APPROVAL	ER
D02	Apr.'13	RH	DRAFT ISSUE	ER
D01	Apr.'13	RH	DRAFT ISSUE	ER

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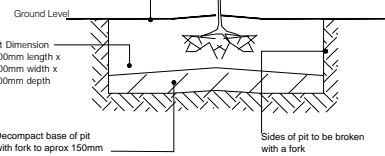
Drawn	RH	Project	EAST TIP REMEDICATION PROJECT		
Checked	CP				
Approved	CP				
Date	March 2013	Title	LANDSCAPING DETAILS OF FENCING, CYCLE STANDS AND ENTRANCE FEATURE		
Scale	nts @ A1 nts @ A3	Job No.	MCE0736	File Ref.	MCE0734DG1008bF01.dwg
		Drg. No.	DG1008b	Rev.	F01

NATIVE AND ORNAMENTAL PLANTING Bare Roots

PLANTING SEASON: Forestry transplants other than evergreens may be planted between November and March inclusive. Evergreens may be planted in October or in April/May. Planting shall normally be carried out during the period from November to inclusive March in suitable open weather. Bare Root Plants shall be of the minimum size specified on drawing DG1008A

Care is to be taken to ensure that soil removed from the pit does not damage existing ground conditions, and protection from foot damage is to be provided by the use of boards.

NB - All tree whips under 1000 mm, do not require staking, unless in exposed location.

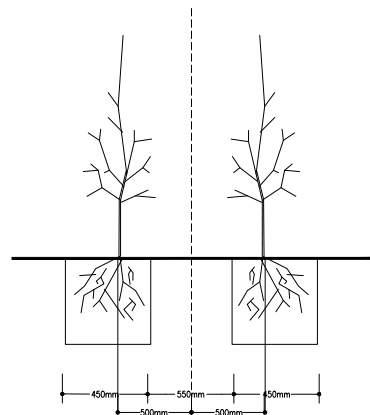


SECTION (not to scale)

NOTES

- Prior to planting all broken roots must be carefully pruned back and any snags to the crown carefully cut back. Bad bruising or abrasion of their cambium must be treated with "Tree Three" or equal and approved tree paint. Roots must be kept well moistened before planting in the prepared pit.
- The tree pit should be excavated to allow adequate clearance between the root ends (when fully spread) and the side of the pit.
- The planting pocket should be 400mm x 400mm x 300mm deep. Add the following ameliorants to the excavated material (calculated as applied to the area of the pocket), cultivate and incorporate evenly:
Organic manure: 100mm layer over area of pit
Fertilizer 0.10.10: 35g
Fertilizer I.B.D.U.: 35g
- Partly backfill pocket with topsoil to BS 3882:2007 and dug soil
- Place tree in pocket at same depth as in the nursery, gently spreading out roots to their natural configuration.
- Backfill pocket carefully in layers of 125-250mm layers, shaking tree to ensure close contact with roots and elimination of air pockets, firming soil around roots, and firm thoroughly on completion.
- Finished level to be at 30mm above surrounding level to allow for settlement.

STAGGERED DOUBLE HEDGE PLANT

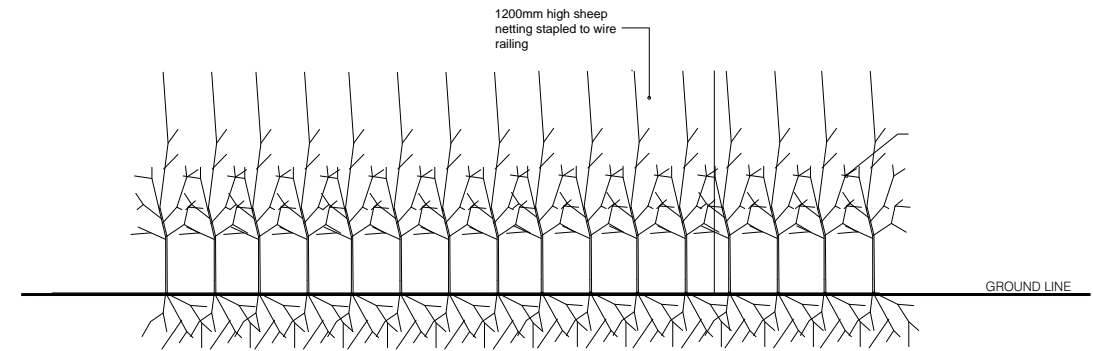


SECTION (Not to scale)

NOTES

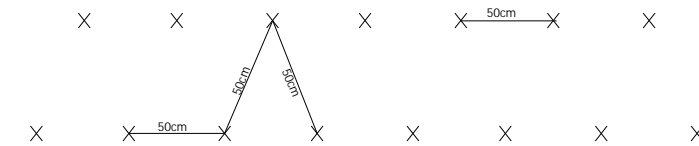
- Prior to planting all broken roots must be carefully pruned back and any snags to the crown carefully cut back. Bad bruising or abrasion of their cambium must be treated with "Tree Three" or equal and approved tree paint. Roots must be kept well moistened before planting in the prepared pit.
- The hedge planting is to be carried out in a double trench each dug 450 wide x 450mm and to the required length.
- Mix the dug soil with a slow release fertiliser and the following ameliorants to the excavated material (calculated as applied to the area of the pocket), cultivate and incorporate evenly:
Organic manure: 100mm layer over area of pit
Fertilizer 0.10.10: 35g
Fertilizer I.D.U.U.: 35g
- Place tree in pocket at same depth as in the nursery mark, spreading out roots to their natural configuration
- Partly backfill pocket with topsoil to BS 3882:2007 and dug soil
- 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.

HEDGES: to BS 3936: Part 1; Excavate a planting trench, to receive the plants at the same depth as in the nursery. Set out plants in a double row staggered as specified, in the hedge trench, evenly spaced at centres indicated. Backfill carefully incorporating 100 mm deep layer of compost into excavated material, consolidating the soil carefully around the roots, and leaving the plants vertical and in line. Cut back plants before or after planting as scheduled. Hedge plants shall be of the minimum size specified in the schedules on drawing DG1008A



Hedge trenches 450 x 450mm deep

ELEVATION (Not To Scale)

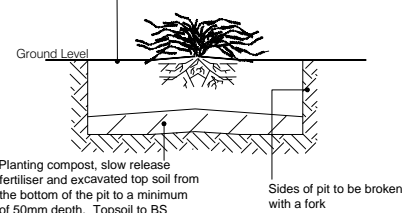


PLAN (Not to scale)

ORNAMENTAL AND NATIVE PLANTING Root Balled

CONTAINER GROWN SHRUBS: to BS 3936: Part 1; Container grown shrubs shall conform to the above British Standards. Shrubs shall be of the minimum size specified in the schedules on drawing DG1008A, with several stems originating from or near ground level and of reasonable bushiness, healthy well grown, and with a good root system. Plants shall not be pot bound, nor with roots deformed or restricted. Bare root material will only be accepted where specified.

Care is to be taken to ensure that soil removed from the pit does not damage existing ground conditions, and protection from foot damage is to be provided by the use of boards.



SECTION (not to scale)

NOTES

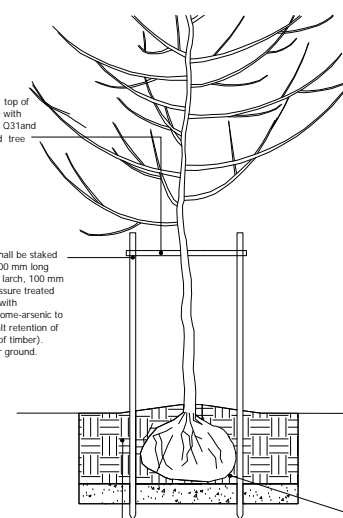
- Before planting, remove any non-perishable containers and carefully prune any badly damaged roots.
- Plant upright and well balanced with best side to front.
- Carefully return excavated top soil, packing around evenly spread roots or root ball and heel well in without damaging the roots
- Water plants thoroughly immediately after planting, using a fine rose.
- Immediately after planting shrubs, carefully cut back any damaged, dead or diseased branches and remove any weak, thin or malformed growth.
- Where and to the extent appropriate for the species, cut back to encourage growth.
- Apply 30g per shrub of fertiliser (N 8%, P 20%, K 16%) and lightly rake in around base of shrub.
- After planting, fork and/or rake soil to a fine tilth with agreed cambers and no hollows.
- Finished level to be at original soil mark on shrubs and 30mm above surrounding level to allow for settlement.
- Water plants thoroughly immediately after planting, using a fine rose

EXTRA HEAVY STANDARDS & SEMI MATURE

PLANTING GENERALLY: Planting shall be carried out during the period from November to March inclusive in suitable open weather. Planting of containerised material may be permitted outside this period with the Engineer's approval. Planting will not be permitted during periods of drought, frost or cold drying winds nor when the ground is waterlogged. All planting operations shall be carried out in accordance with BS 4429 and good horticultural practice. Particular attention must be paid to correct depth of planting ensuring the soil is firmed in around the roots. Extra Heavy Standards should be of the minimum size specified in the schedules on drawing DG1008A

Tree Tie 150mm below top of the stake in accordance with Landscape Specification G31 and 3 or spacers for around tree stems

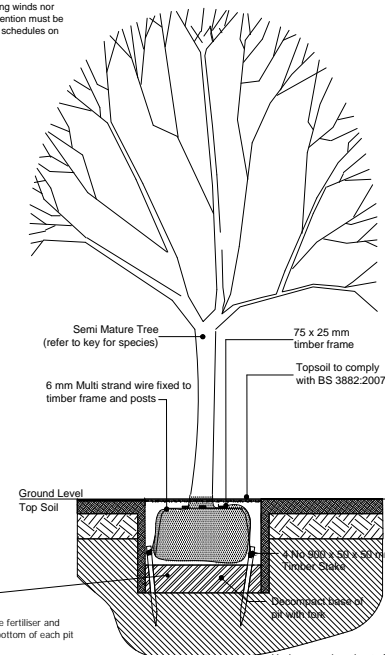
TREE STAKES: Trees shall be staked with double stakes, 2,400 mm long round, pressure treated larch, 100 mm minimum diameter, pressure treated sawn larch, (preserved with water-borne copper-chrome-arsenic to I.S. 131, to a net dry salt retention of 5.3 kg per cubic metre of timber). 1600 mm to be left over ground.



Tree pits shall be excavated to the dimensions and shape as shown. The base of the pit shall be thoroughly forked to a depth of 300 mm to allow roots to penetrate below the pits. The excavated tree pits shall be left open for inspection by the Engineer prior to backfilling and planting. The Contractor shall notify the Engineer at least 72 hours before commencement of tree pit excavations to permit inspection. The Contractor shall draw the attention of the Engineer to any waterlogged pits.

PLANTING OF TREES: A mixture of slow release fertiliser and approved tree compost shall be placed at the bottom of each pit prior to spreading roots out.

Backfilling shall be with good quality topsoil to BS 3882: 2007 and shall conform to the above specification. The finished surface to the filled tree pit shall be slightly cambered.



Underground guying to BS 4043

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F01	11.07.13	RH, ER	FINAL ISSUE	ER
A01	24.04.13	RH, ER	ISSUE FOR APPROVAL	ER
D01	Apr.'13	RH, ER	DRAFT ISSUE	ER



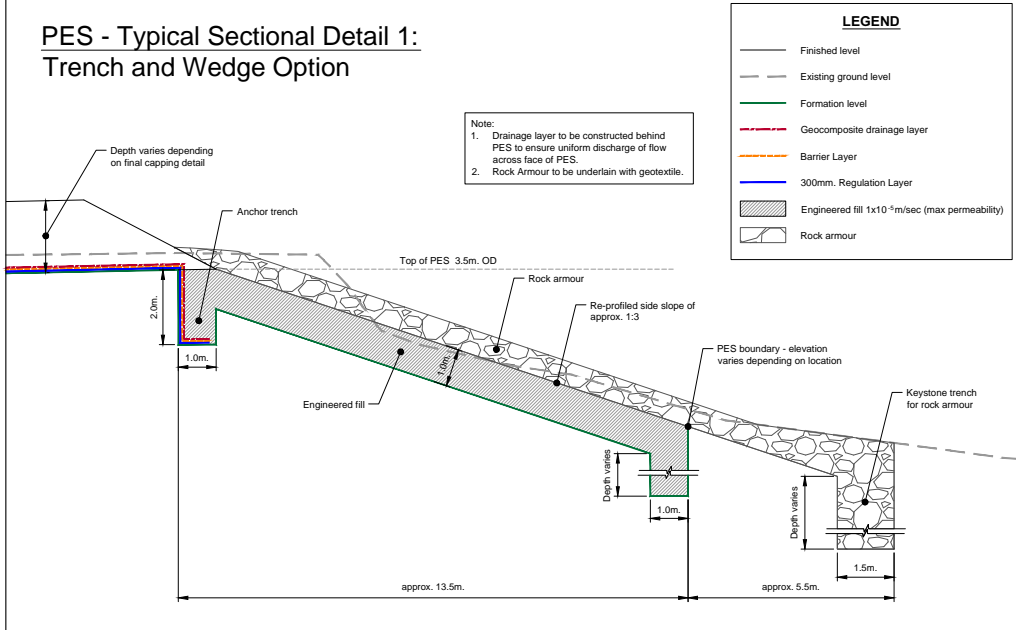
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Drawn	Checked	Approved	Date	Scale	Job No.	File Ref.	Drg. No.	Rev.
RH	CP	CP	March 2013	nts @ A1 nts @ A3	MCE0736	MCE0734DG1008cF01.dwg	DG1008c	F01

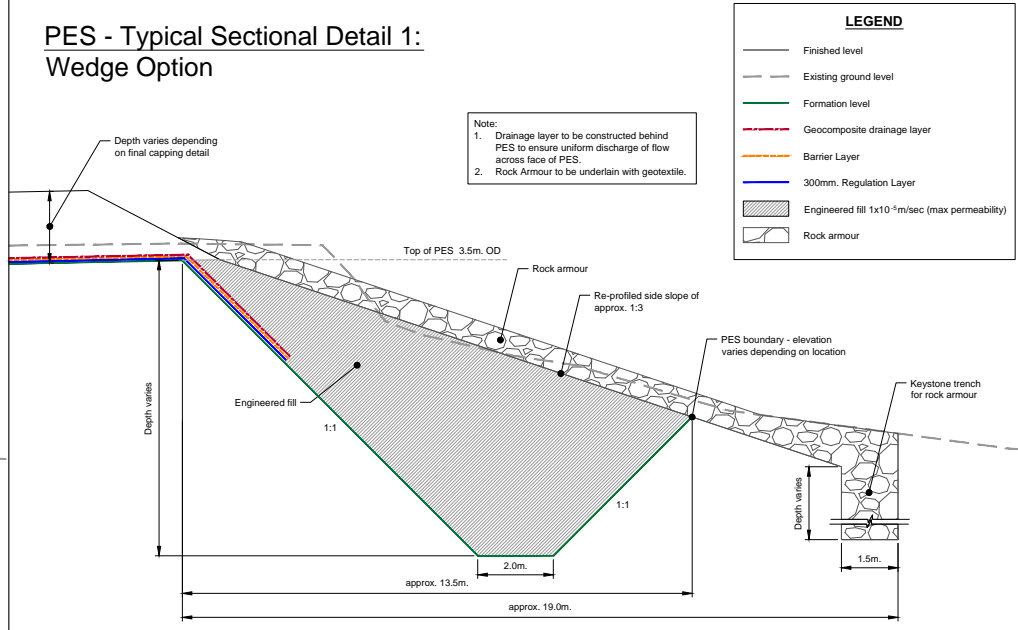
EAST TIP
REMEDIATION PROJECT

LANDSCAPING
PLANTING DETAILS

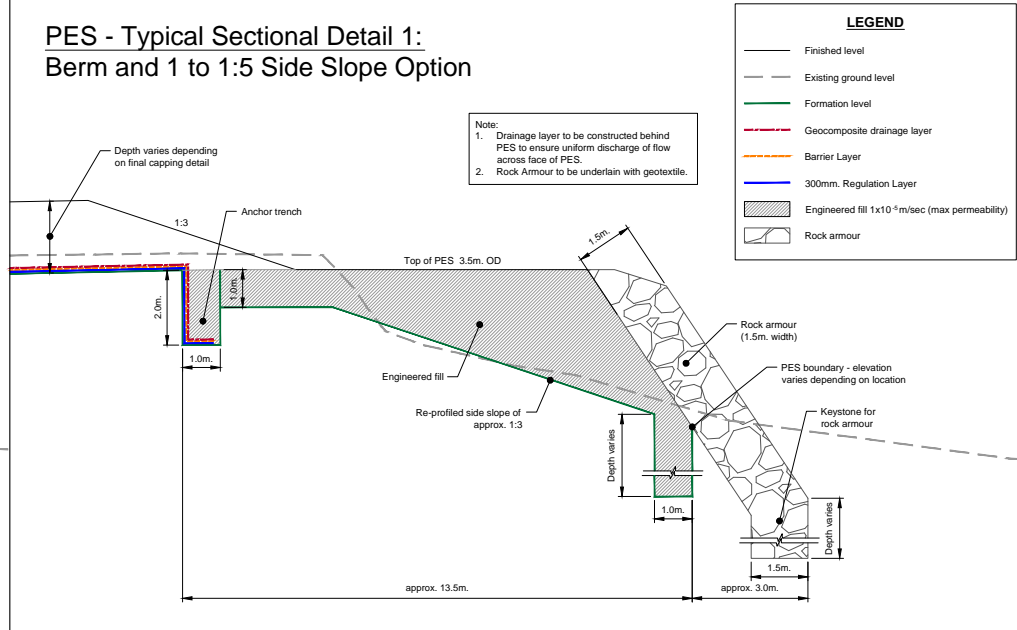
**PES - Typical Sectional Detail 1:
Trench and Wedge Option**



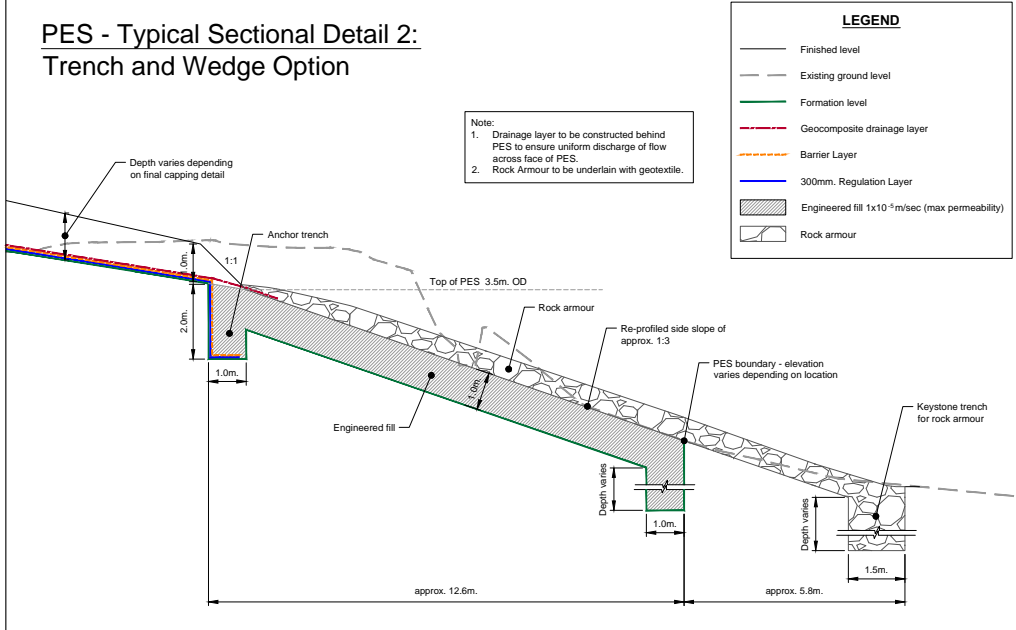
**PES - Typical Sectional Detail 1:
Wedge Option**



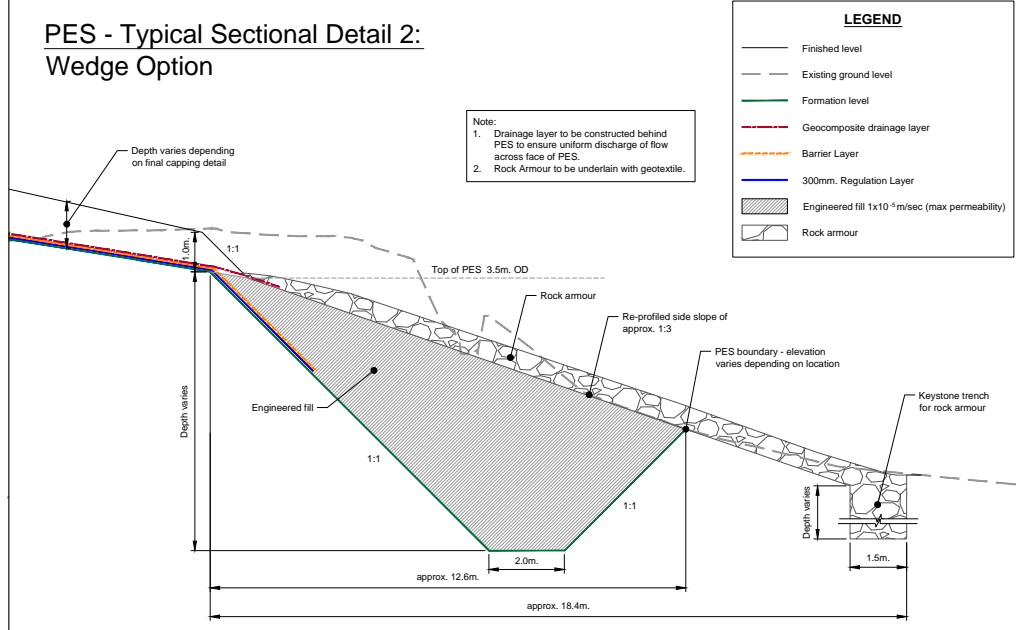
**PES - Typical Sectional Detail 1:
Berm and 1 to 1:5 Side Slope Option**



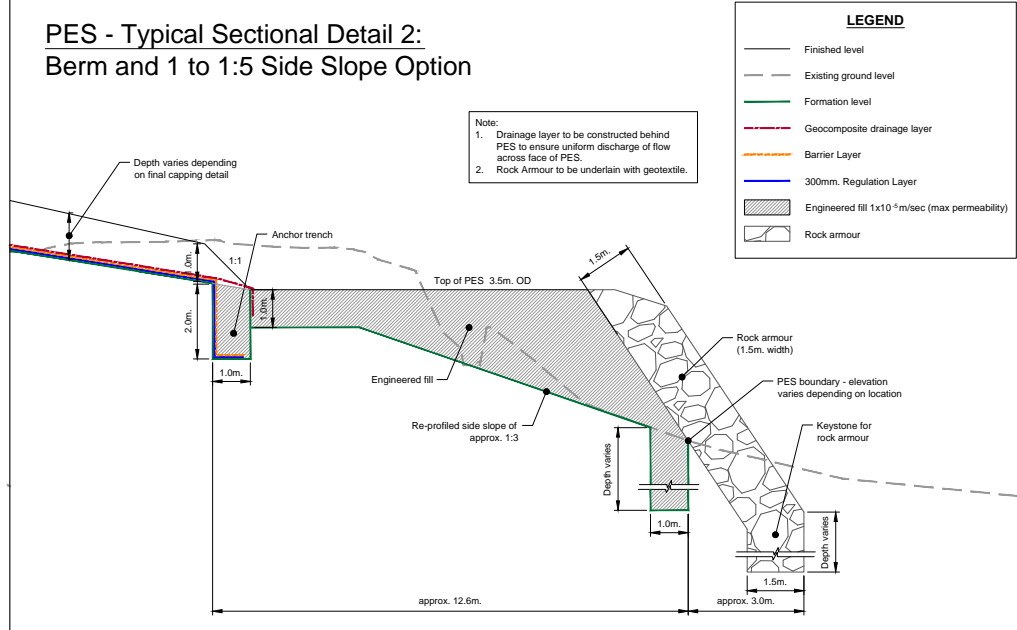
**PES - Typical Sectional Detail 2:
Trench and Wedge Option**



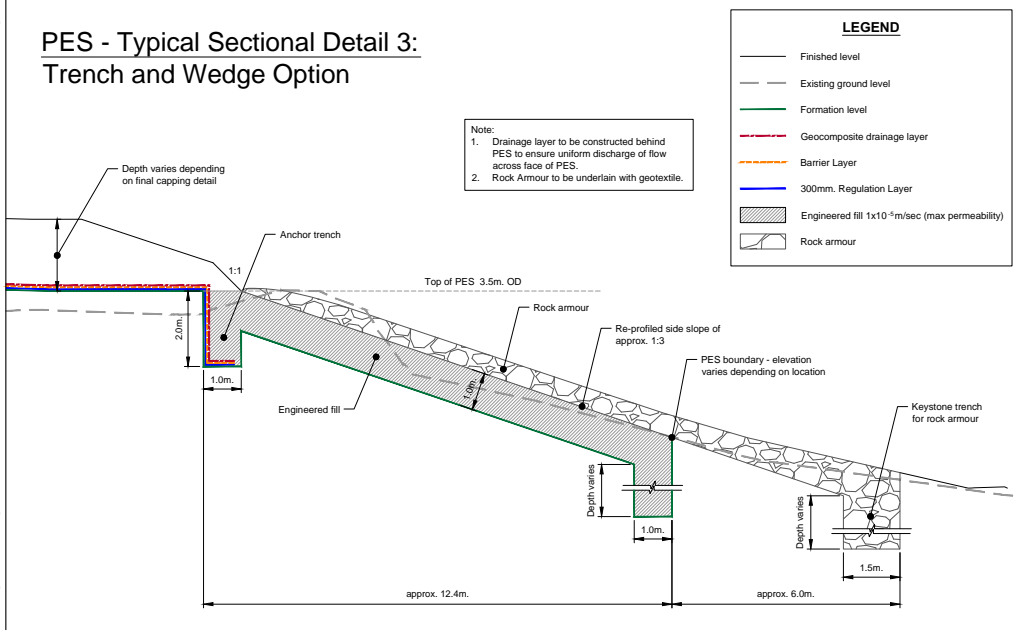
**PES - Typical Sectional Detail 2:
Wedge Option**



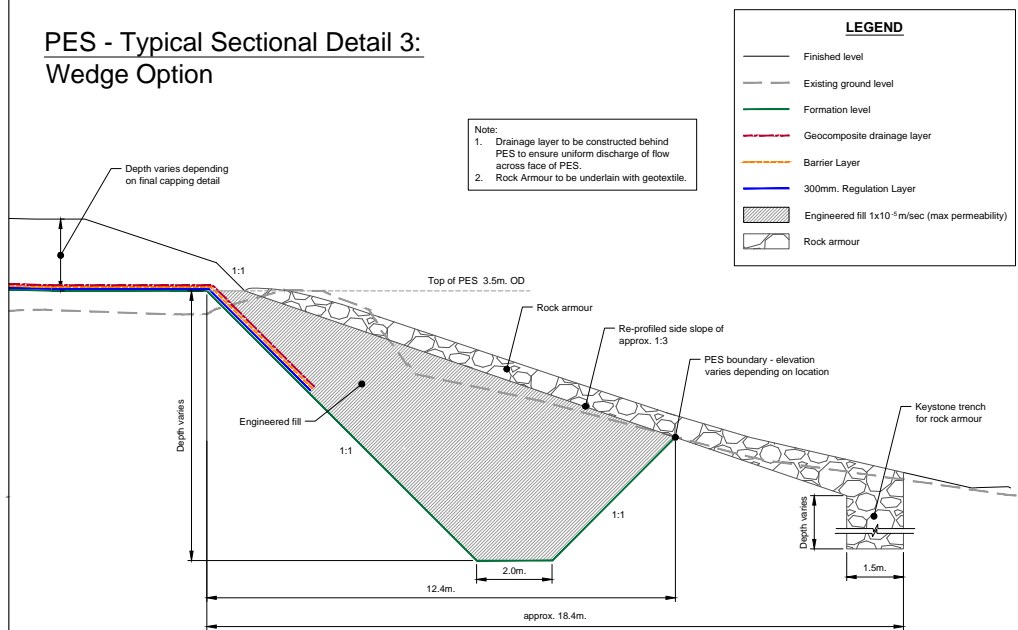
**PES - Typical Sectional Detail 2:
Berm and 1 to 1:5 Side Slope Option**



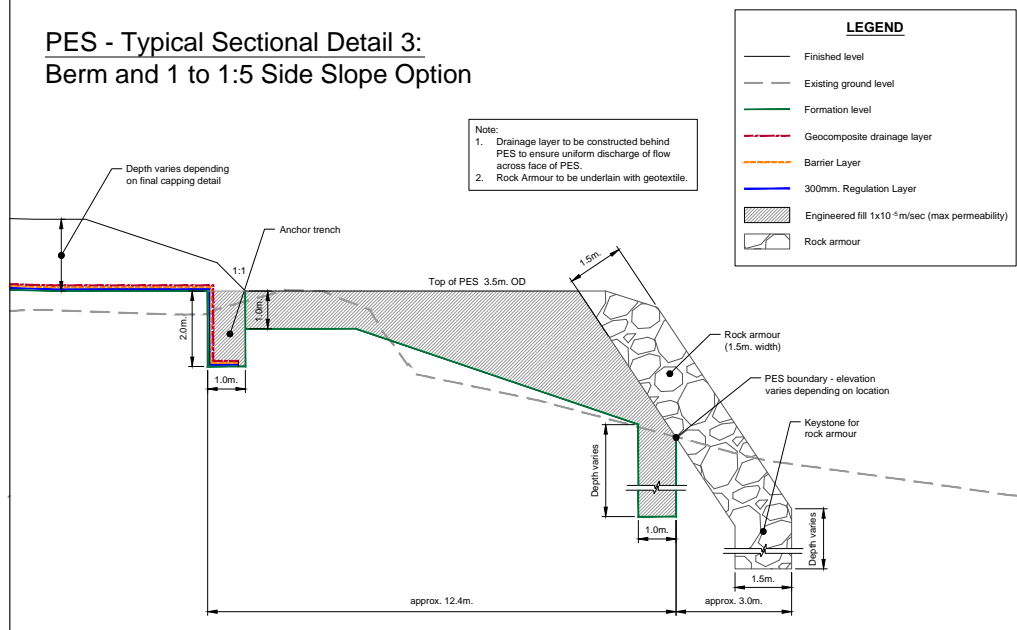
**PES - Typical Sectional Detail 3:
Trench and Wedge Option**



**PES - Typical Sectional Detail 3:
Wedge Option**



**PES - Typical Sectional Detail 3:
Berm and 1 to 1:5 Side Slope Option**



Client:  **CORK COUNTY COUNCIL**

Note:
For Plan locations of Sections 1, 2 & 3 above see DG1007a

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F01	07.11.13	Rev	1	FINAL ISSUE	EX
A01	24.04.13	Rev	1	ISSUE FOR APPROVAL	CP
D01	Apr.13	Rev	1	DRAFT ISSUE	CP

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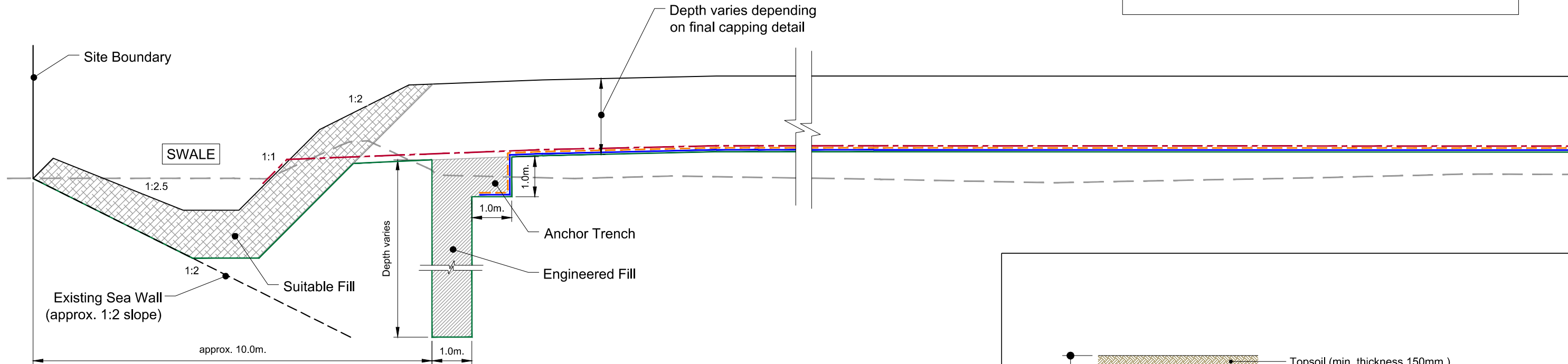
Drawn	RH	Project	EAST TIP REMEDIAION PROJECT	
Checked	CP	Title	PROPOSED INFRASTRUCTURE PES TYPICAL SECTIONAL DETAILS	
Approved	CP	Scale	nts @ A1 1:200 @ A3	
Date	March 2013	Job No.	MCE0734	File Ref.
		File Ref.	MCE0734DG1009aF01.dwg	Drw. No.
		Drw. No.	DG1009a	Rev.
		Rev.	F01	

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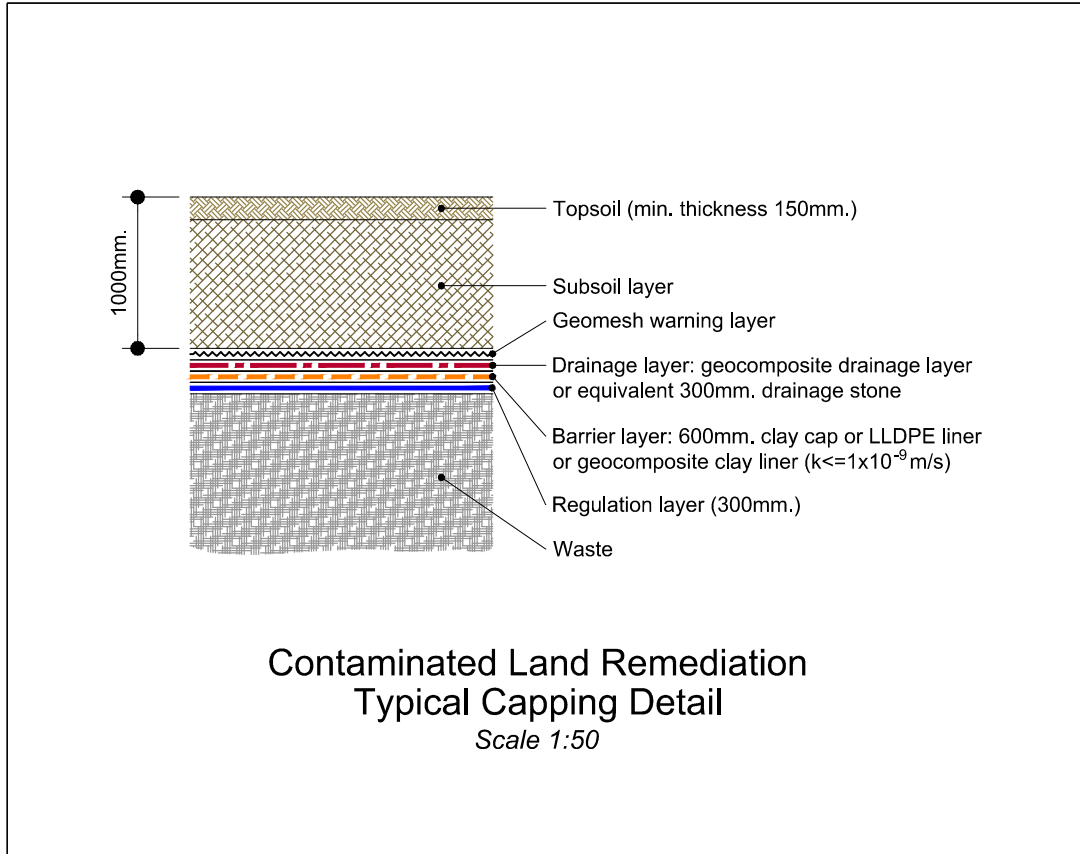
Note:
1. Drainage layer to be constructed behind PES to ensure uniform discharge of flow across face of PES.

LEGEND

- Finished level
- Existing ground level
- Formation level
- Geocomposite drainage layer
- Barrier Layer
- 300mm. Regulation Layer
- Engineered fill 1×10^{-5} m/sec (max permeability)



PES - Typical Sectional Detail 4:
Western Boundary of Site
Scale 1:100



Contaminated Land Remediation
Typical Capping Detail
Scale 1:50

R:\MCE0734_Haubowine Waste Sampling\6.0 Drawings\DG\SERIES 1000 - WASTE LICENCE APPLICATION\MCE0734DG1009b\F01.dwg

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Drawn RH	Project	EAST TIP REMEDIAION PROJECT		
Checked ER				
Approved ER		PROPOSED INFRASTRUCTURE TYPICAL CAPPING DETAILS		
Date March 2013	Title			
Scale NTS @ A1 As shown @ A3		File Ref. MCE0734DG1009bF01.dwg	Drg. No. DG1009b	Rev. F01
Job No. MCE0734				

