PLANTING SCHEDULE NATIVE TREE SPECIES

CODE	SPECIES	NAME	ROOT PROTECTION	GIRTH	TOTAL
A	*Alnus glutinosa*	Alder	C	14-16cm	18
B	*Betula pubescens*	Downy Birch	C	10-12cm	24
F	*Fagus sylvatica*	Beech	C	14-16cm	16
P	*Populus tremula*	Aspen	C	14-16cm	8
C	*Carpinus betulus*	Hornbeam	C	10-12cm	8

PLANTING SCHEDULE EMBANKMENT UNDERSTOREY SPECIES

SPECIES	NAME	ROOT CONDITION	CONTAINER SIZE	DENSITY	%	TOTAL
Crataegus monogyna	Hawthorn	C	60-80cm	1/m2	20	121
Viburnum opulus	Guelder Rose	C	60-80cm	3/m2	10	121
Prunus spinosa	Blackthorn	C	60-80cm	2/m2	10	121
Corylus avellana	Hazel	C	60-80cm	1/m2	20	121
Cornus sanguinea	Dogwood	C	60-80cm	1/m2	10	60
Sambucus nigra	Elder	C	3L	1/m2	5	36
Rosa arvensis	Field Rose	C	60-80cm	2/m2	10	121
Salix cinerea	Grey Willow	C	60-80cm	1/m2	14	85

EMBANKMENT UNDERSTOREY PLANTING TO BE IN GROUPS OF MIN.3, AND MAX.7 WITH THE DENSITIES SHOWN. SPECIES TO BE RANDOMLY PLACED, AVOIDING STRAIGHT LINES, WITHIN 1m OF EDGE OF PLANTING AREA. RANDOM DRIFTS OF 3-7 PLANTS NOT TO BE PLANTED PARALLEL WITH NEIGHBORING DRIFTS. REFER TO DWG 463457_LSC_305 FOR TYPICAL PLANTING LAYOUT.

PLANTING SCHEDULE WILDFLOWER GRASS SEED MIX

SPECIES	%
Festuca brachyphylla	25
Festuca ovina	20
Festuca rubra subsp. commutata	10
Festuca Rubra Litoralis	15
Agrostis capillaris	5
Leucanthemum vulgare	2
Melilotus albus	1
Achillea millefolium	1
Anthyllis vulneraria	1
Centaurea cyanus	1
Centaurea nigra	1
Centaurea scabiosa	1
Chrysanthemum latifolium	1
Vicia cracca	1
Vicia sativa	0.75
Alliaria petiolata	0.75
Digitalis purpurea	0.5
Dipsacus fullonum	0.5
Knautia arvensis	0.5
Malva moschata	0.5
Primula veris	0.5
Trifolium pratense	0.5
Anthoxanthum sylvestris	0.5
Geranium pratense	0.25
Origanum majorana	0.25
Scabiosa columbaria	0.25
Asteraceae Taraxacum	0.25
Total Area	3538m2

TO BE SOWN AT 5g/m2 AND 2g/m2 WITHIN NATIVE UNDERSTOREY PLANTING AREAS. 16.17kg NEEDED FOR 3538m2

PLANTING SCHEDULE COASTAL GRASS SEED MIX

SPECIES	%
Lolium perenne	10
Festuca rubra rubra	30
Festuca longifolia	10
Agrostis stolonifera	10
Poa compressa	20
Puccinellia distans	20
Total Area	5179m2

TO BE SOWN AT 40g/m2, 207.16kg NEEDED FOR 5179m2

PLANTING SCHEDULE MIXED GRASS SEED MIX

SPECIES	%
Agrostis capillaris	5
Cynosurus cristatus	15
Festuca ovina	20
Festuca rubra ssp. litoralis	20
Festuca rubra ssp. rubra	20
Poa pratensis	20

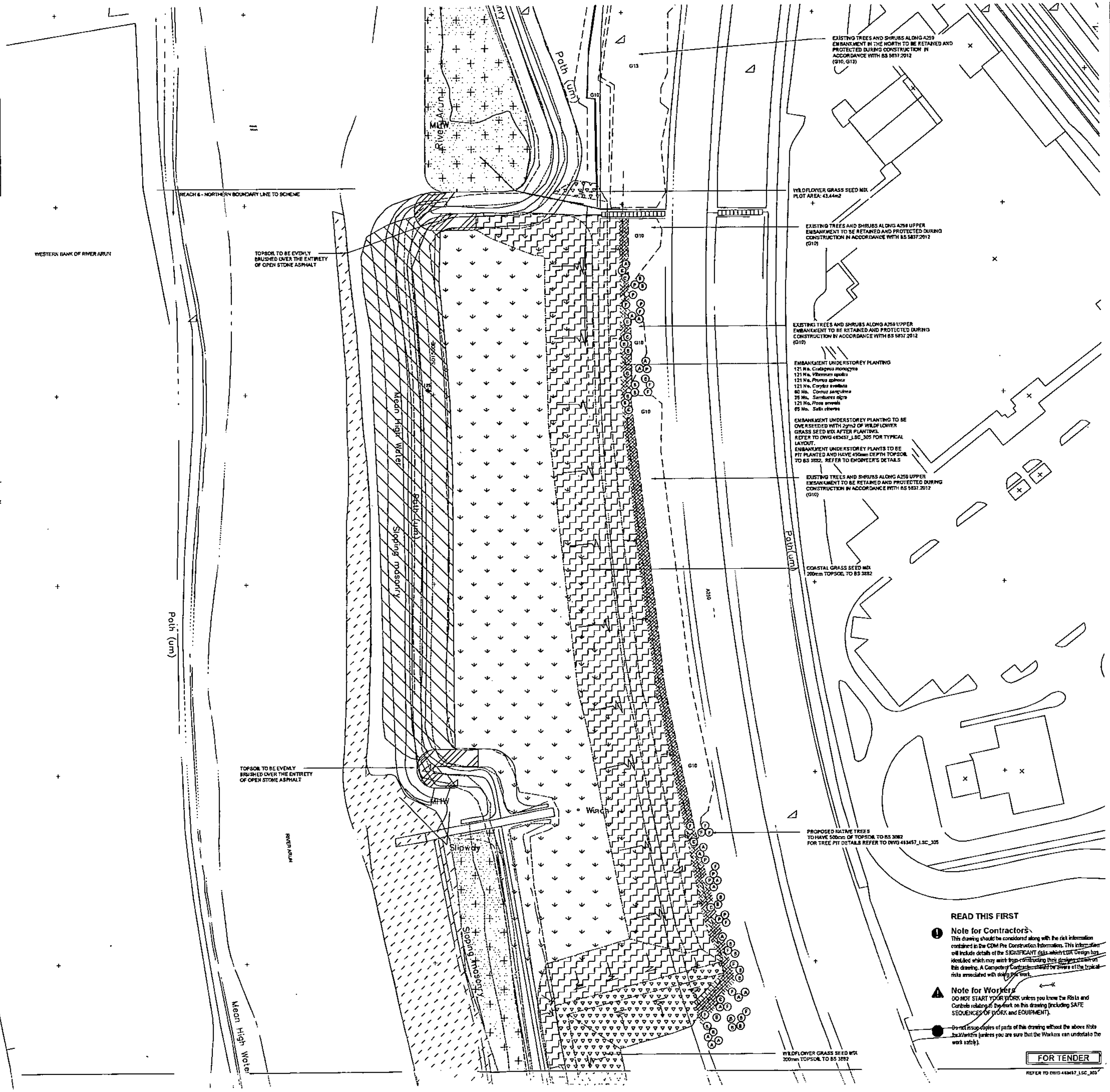
TO BE SOWN AT 5g/m2, 20?. AREA TO BE DETERMINED ON SITE FOLLOWING PILE INSTALLATION

INTER-TIDAL HABITATS

ADVERSE IMPACTS ON INTER-TIDAL HABITATS (SALTMARSH, INTER-TIDAL MUDFLATS, BRACKISH WATER AND COASTAL GRASSLAND) WILL BE MITIGATED BY MEANS OF SENSITIVE WORKING. WORKING ON SALTMARSH ONLY ALLOWED IF UNAVOIDABLE AND WITH USE OF PROTECTIVE MATTING.

ANY LONG TERM LOSS OF INTER-TIDAL HABITAT ALONG THE SCHEME WILL BE COMPENSATED BY CREATING HABITAT IN THE REACH 8 REALIGNMENT. SEE TABLE IN SECTION 7.4 OF ENVIRONMENTAL STATEMENT FOR ESTIMATED HABITAT LOSSES AND GAINS RESULTING FROM THE SCHEME.

MONITORING SURVEYS OF THE REALIGNED SALTMARSH WILL BE CARRIED OUT OVER A PERIOD OF 1, 3 AND 5 YEARS POST WORKS, WHICH WILL MEAN SURVEYS BEING COMPLETED IN 2015, 2017 AND 2019.



N

NOTES:

1. Do not scale from this drawing.
2. All dimensions are in millimeters unless noted otherwise.
3. All levels are in metres above Ordnance Datum Newlyn.

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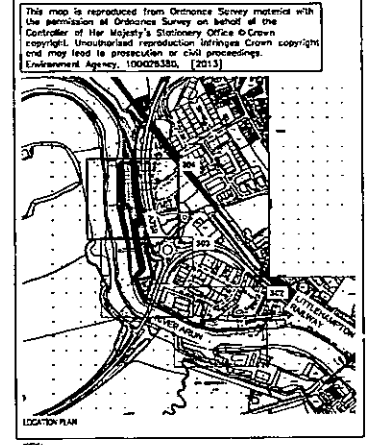

LOCATION PLAN

KEY:

- EXISTING SALTMARSH
- PROPOSED SALTMARSH
- EXISTING INTERTIDAL MUDFLAT
- REPTILE RECEPTOR SITES
- PROPOSED INTERTIDAL MUDFLAT
- COASTAL GRASS SEED MIX
- WILDFLOWER GRASS SEED MIX
- EMBANKMENT UNDERSTOREY PLANTING
- PROPOSED NATIVE TREE PLANTING FOR SPECIES REFER TO SCHEDULE.
- EXISTING TREE AND VEGETATION SURVEY REFERENCE (TO BE RETAINED)
- REINSTATEMENT OF EXISTING GRASS (MIXED GRASS SEED MIX)

NOTES:

FOR GENERAL ARRANGEMENT PLANS REFER TO DWG 463457_LSC_300 TO 301

FOR TREE PIT AND STAKING DETAILS REFER TO DWG 463457_LSC_305.

FOR UNDERSTOREY PLANTING INSTRUCTIONS REFER TO DWG 463457_LSC_305

TO BE READ IN CONJUNCTION WITH TOPSOIL AND PLANTING PLANS 463457_LSC_302 AND 303

TO BE READ IN CONJUNCTION WITH LANDSCAPE ARCHITECT'S EXTERNAL WORKS SPECIFICATION

ALL EXISTING AREAS AND RETAINED FEATURES SHOULD BE PROTECTED DURING CONSTRUCTION

EXTENTS OF SALTMARSH, MUDFLATS, AND REPTILE RECEPTOR AREAS AREAS HAVE BEEN TAKEN FROM ENGINEERING DRAWINGS. FOR DETAILED EXTENTS REFER TO ENGINEER'S DETAILS.

ALL EXISTING TREE AND VEGETATION NUMBERS RELATE TO TREE SURVEY CARRIED OUT BY DAVID COX FOR RPS ON 15.04.13. REFER TO DRAWINGS JSL2151_702 & 703 AND DOCUMENT JSL2151_751

Revision	By	Checked	Approved	Date	Description
T1	KB	SJT	BF	11.10.13	Issued For Tender

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Project

LITTLEHAMPTON ARUN, EAST BANK LANDSCAPE AND PUBLIC REALM

Drawing

REACH 06
TOPSOIL AND PLANTING PLAN
SHEET 3 OF 3

Drawn by	KB (LDA)	Date	Oct 2013
Checked by	SJT (LDA)	Date	Oct 2013
Authorised by	BF (LDA)	Date	Oct 2013

Drawing No. 463457_LSC_304 Revision T1

Drawing Scale 1:500 @ A1

CAD Filename 463457_LSC_302 Plot Scale

READ THIS FIRST

Note for Contractors
This drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which LDA Design has identified which may arise from constructing their designs shown on this drawing. A Competent Contractor should be aware of the typical risks associated with doing this work.

Note for Workers
DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK and EQUIPMENT).

Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

FOR TENDER