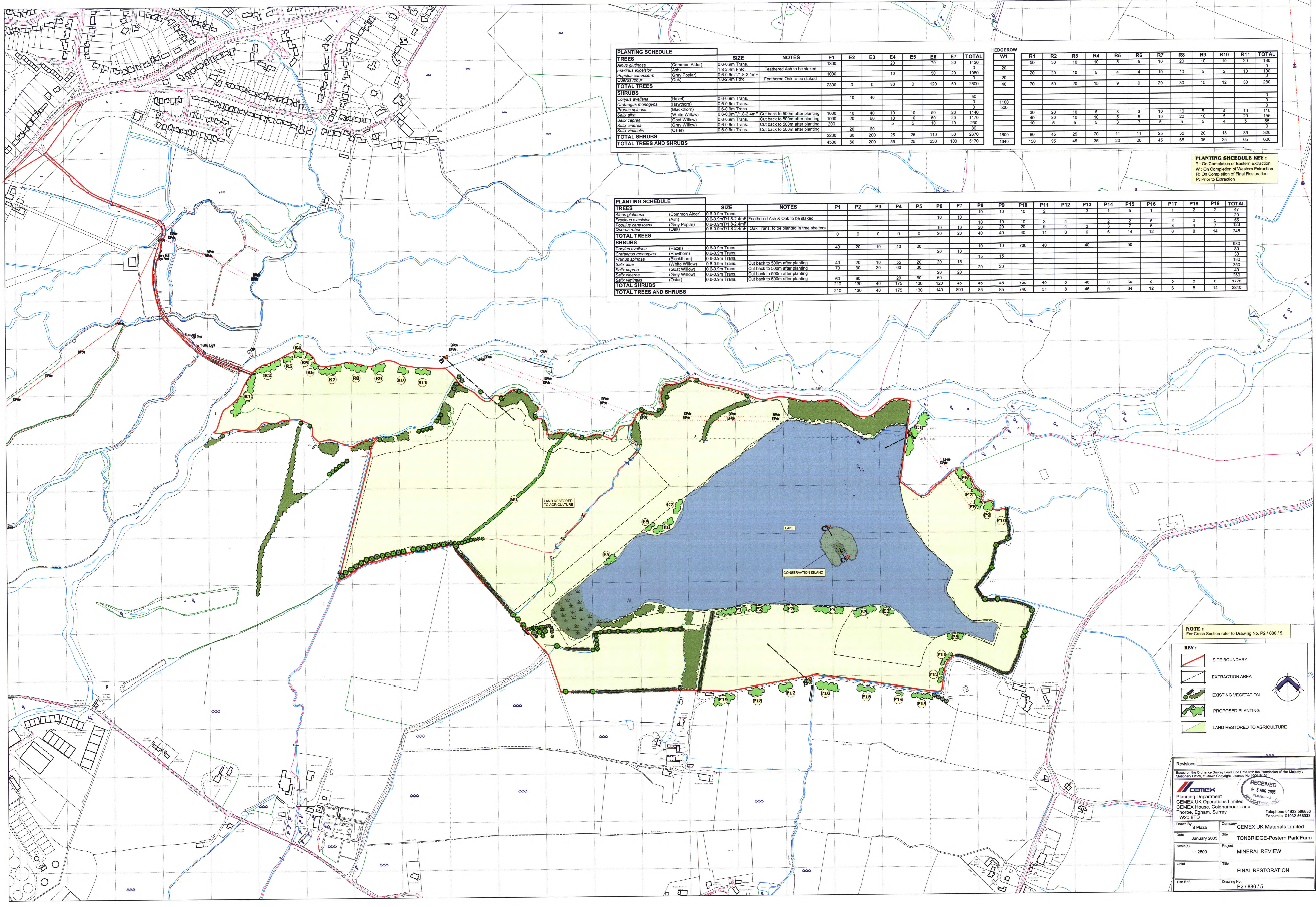


Appendix 1 to Item C1
Details of a revised restoration scheme pursuant to Condition 38 of
planning permission TM/05/723/MR88 at Postern Park Quarry,
Hadlow Road, Tonbridge, Kent TN9 1PD - TM/05/723/MR88/38
(KCC/TM/0141/2019)

Appendix 1 contains the following drawings that are referred to in the
committee report:

- Drawing number P2/886/5 titled “Final Restoration” (dated January 2005).
- Drawing number P2/886/10 titled “Site Plan for Recharge Lagoon” (dated August 2005).
- Drawing number P2/886/8F titled “Phase drawings – Removal of bunds and creation of lake” (dated June 2005).
- Drawing number P2/886/5/D titled “Final Restoration” (dated October 2014).
- Drawing number P2/886/13 titled “Detail Restoration Sections” (dated March 2014).
- Drawing number P2/886/5/G titled “Final Restoration” (dated July 2019).
- Drawing number P2/886/5/H titled “Final Restoration” (dated December 2019).



PLANTING SCHEDULE		SIZE	NOTES	E1	E2	E3	E4	E5	E6	E7	TOTAL
TREES											
<i>Alnus glutinosa</i>	(Common Alder)	0.6-0.9m Trans.		1300			20		70	30	1420
<i>Fraxinus excelsior</i>	(Ash)	1.8-2.4m Trans.	Feathered Ash to be staked	1000			10		50	20	1080
<i>Populus canescens</i>	(Grey Poplar)	0.6-0.9m/1.8-2.4mF									0
<i>Quercus robur</i>	(Oak)	1.8-2.4m 1/8-2.4mF	Feathered Oak to be staked				30	0	120	50	250
TOTAL TREES				2300	0	0	30	0	120	50	2500
SHRUBS											
<i>Corylus avellana</i>	(Hazel)	0.6-0.9m Trans.			10	40					50
<i>Crataegus monogyna</i>	(Hawthorn)	0.6-0.9m Trans.									0
<i>Prunus spinosa</i>	(Blackthorn)	0.6-0.9m Trans.									0
<i>Salix alba</i>	(White Willow)	0.6-0.9m Trans.	Cut back to 500m after planting	1000	10	40	10	10	50	20	1140
<i>Salix caprea</i>	(Goat Willow)	0.6-0.9m Trans.	Cut back to 500m after planting	20	60	10	10	50	20	10	1170
<i>Salix cinerea</i>	(Grey Willow)	0.6-0.9m Trans.	Cut back to 500m after planting	200			5	5	10	10	230
<i>Salix viminalis</i>	(Osier)	0.6-0.9m Trans.	Cut back to 500m after planting		20	60					80
TOTAL SHRUBS				2200	60	200	25	25	110	50	2870
TOTAL TREES AND SHRUBS				4500	60	200	55	25	230	100	5170

HEDGEROW												
W1	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	TOTAL
20	50	30	10	10	5	5	10	20	10	10	20	180
20	20	20	10	5	4	4	10	10	5	2	10	100
20												0
40	70	50	20	15	9	9	20	30	15	12	30	280
												0
1100												0
500												0
30	20	10	5	3	3	3	10	10	5	4	10	110
40	20	10	10	5	5	5	10	20	10	5	20	155
10	5	5	5	3	3	3	5	5	5	4	5	55
												0
1600	60	45	25	20	11	11	25	35	20	13	35	320
1640	150	95	45	35	20	20	45	65	35	25	65	600

PLANTING SCHEDULE KEY :
 E : On Completion of Eastern Extraction
 W : On Completion of Western Extraction
 R : On Completion of Final Restoration
 P : Prior to Extraction

PLANTING SCHEDULE		SIZE	NOTES	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	TOTAL	
TREES																								
<i>Alnus glutinosa</i>	(Common Alder)	0.6-0.9m Trans.							10	10	10	10	10	2										47
<i>Fraxinus excelsior</i>	(Ash)	0.6-0.9m/1.8-2.4mF	Feathered Ash & Oak to be staked											3	4		2	2	5	2	2	5	55	
<i>Populus canescens</i>	(Grey Poplar)	0.6-0.9m/1.8-2.4mF							10	10	20	20	6	4	3	3	7	6	3	4	7		123	
<i>Quercus robur</i>	(Oak)	0.6-0.9m/1.8-2.4mF	Oak Trans. to be planted in tree shelters						20	20	40	40	11	8	8	8	14	12	6	8	14	14	245	
TOTAL TREES				0	0	0	0	0	20	20	40	40	11	8	8	8	14	12	6	8	14	14	245	
SHRUBS																								
<i>Corylus avellana</i>	(Hazel)	0.6-0.9m Trans.		40	20	10	40	20			20	10												580
<i>Crataegus monogyna</i>	(Hawthorn)	0.6-0.9m Trans.																50						30
<i>Prunus spinosa</i>	(Blackthorn)	0.6-0.9m Trans.																						180
<i>Salix alba</i>	(White Willow)	0.6-0.9m Trans.	Cut back to 500m after planting	40	20	10	55	20		20	15													250
<i>Salix caprea</i>	(Goat Willow)	0.6-0.9m Trans.	Cut back to 500m after planting	70	30	20	60	30		20	20													40
<i>Salix cinerea</i>	(Grey Willow)	0.6-0.9m Trans.	Cut back to 500m after planting						20	20														250
<i>Salix viminalis</i>	(Osier)	0.6-0.9m Trans.	Cut back to 500m after planting	60	60		20	60	60															1770
TOTAL SHRUBS				210	130	40	175	130	120	45	45	45	700	40	0	40	0	60	0	0	0	0	0	1770
TOTAL TREES AND SHRUBS				210	130	40	175	130	140	890	85	85	740	51	8	46	6	64	12	6	8	14	14	2840

NOTE :
 For Cross Section refer to Drawing No. P2 / 886 / 5

KEY :

- SITE BOUNDARY
- EXTRACTION AREA
- EXISTING VEGETATION
- PROPOSED PLANTING
- LAND RESTORED TO AGRICULTURE

Revisions

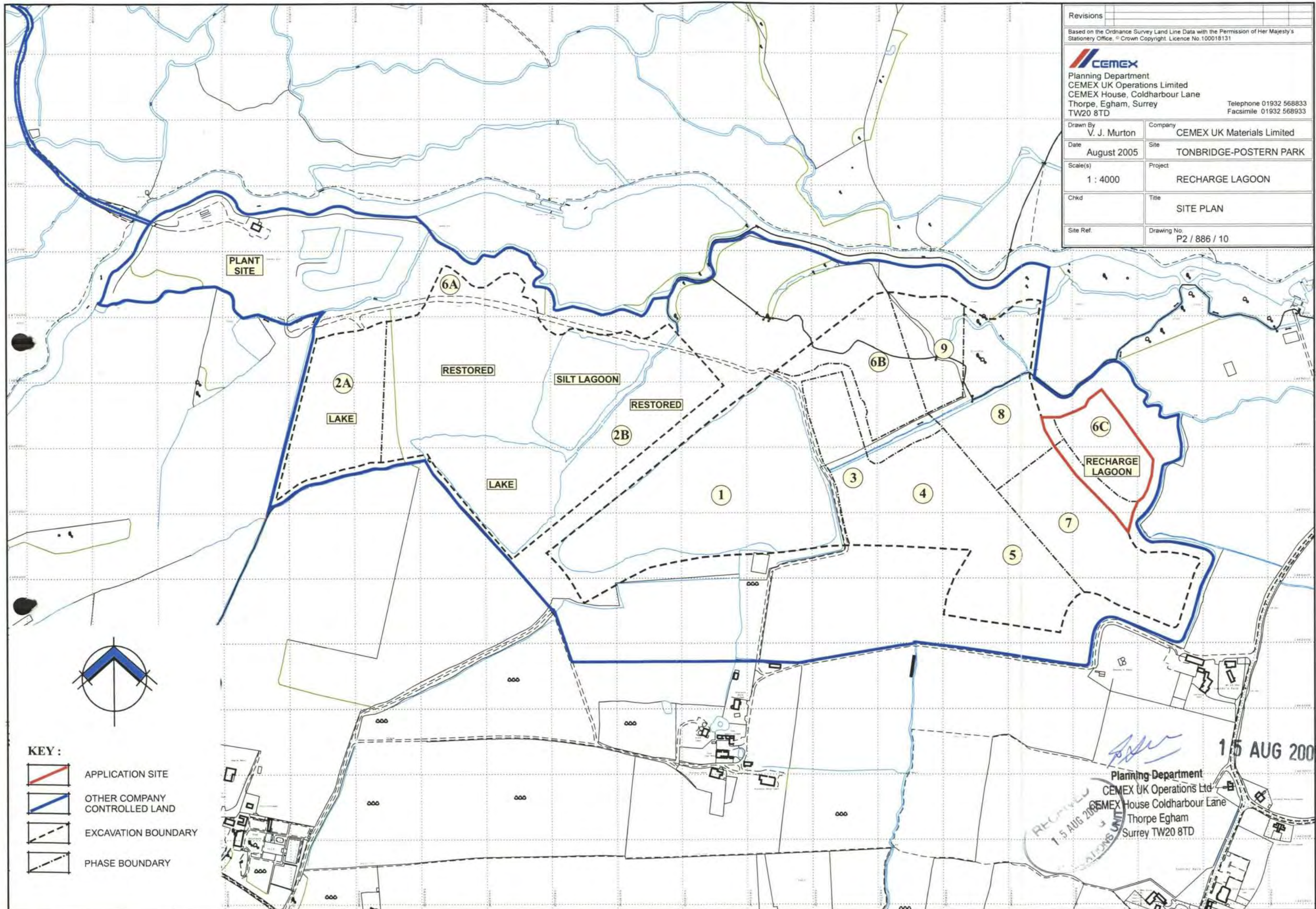
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Drawn By: S Plaza Company: CEMEX UK Materials Limited
 Date: January 2005 Site: TONBRIDGE-Postern Park Farm
 Scale(s): 1 : 2500 Project: MINERAL REVIEW
 Check: Title: FINAL RESTORATION
 Site Ref.: Drawing No: P2 / 886 / 5

Revisions	
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Telephone 01932 568833 Facsimile 01932 568933	
Drawn By V. J. Murton	Company CEMEX UK Materials Limited
Date August 2005	Site TONBRIDGE-POSTERN PARK
Scale(s) 1 : 4000	Project RECHARGE LAGOON
Chkd	Title SITE PLAN
Site Ref.	Drawing No. P2 / 886 / 10



- KEY :**
-  APPLICATION SITE
 -  OTHER COMPANY CONTROLLED LAND
 -  EXCAVATION BOUNDARY
 -  PHASE BOUNDARY



15 AUG 2005

Planning Department
 CEMEX UK Operations Ltd
 CEMEX House Coldharbour Lane
 Thorpe Egham
 Surrey TW20 8TD

RECEIVED
 15 AUG 2005
 PLANNING UNIT

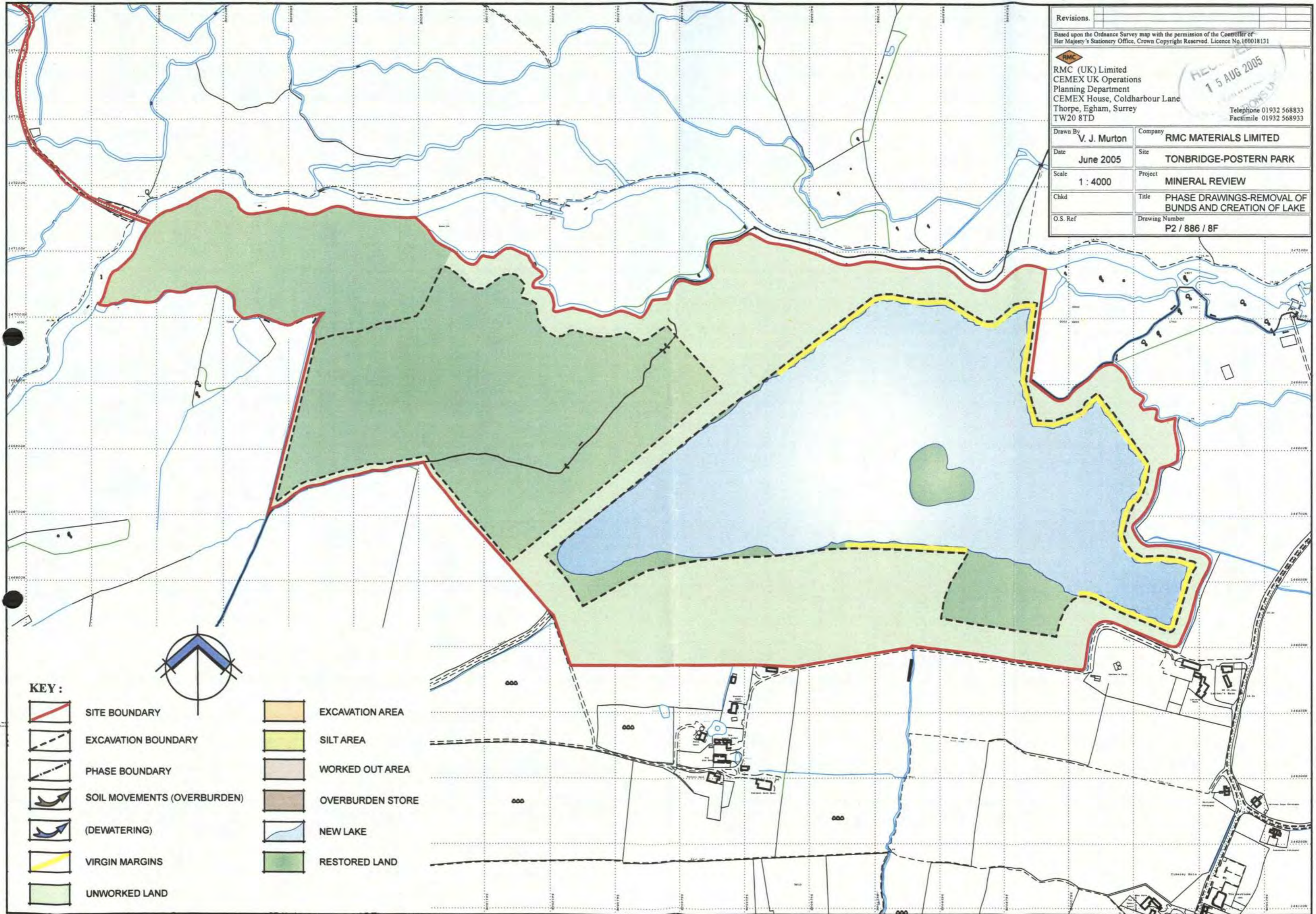
Revisions.














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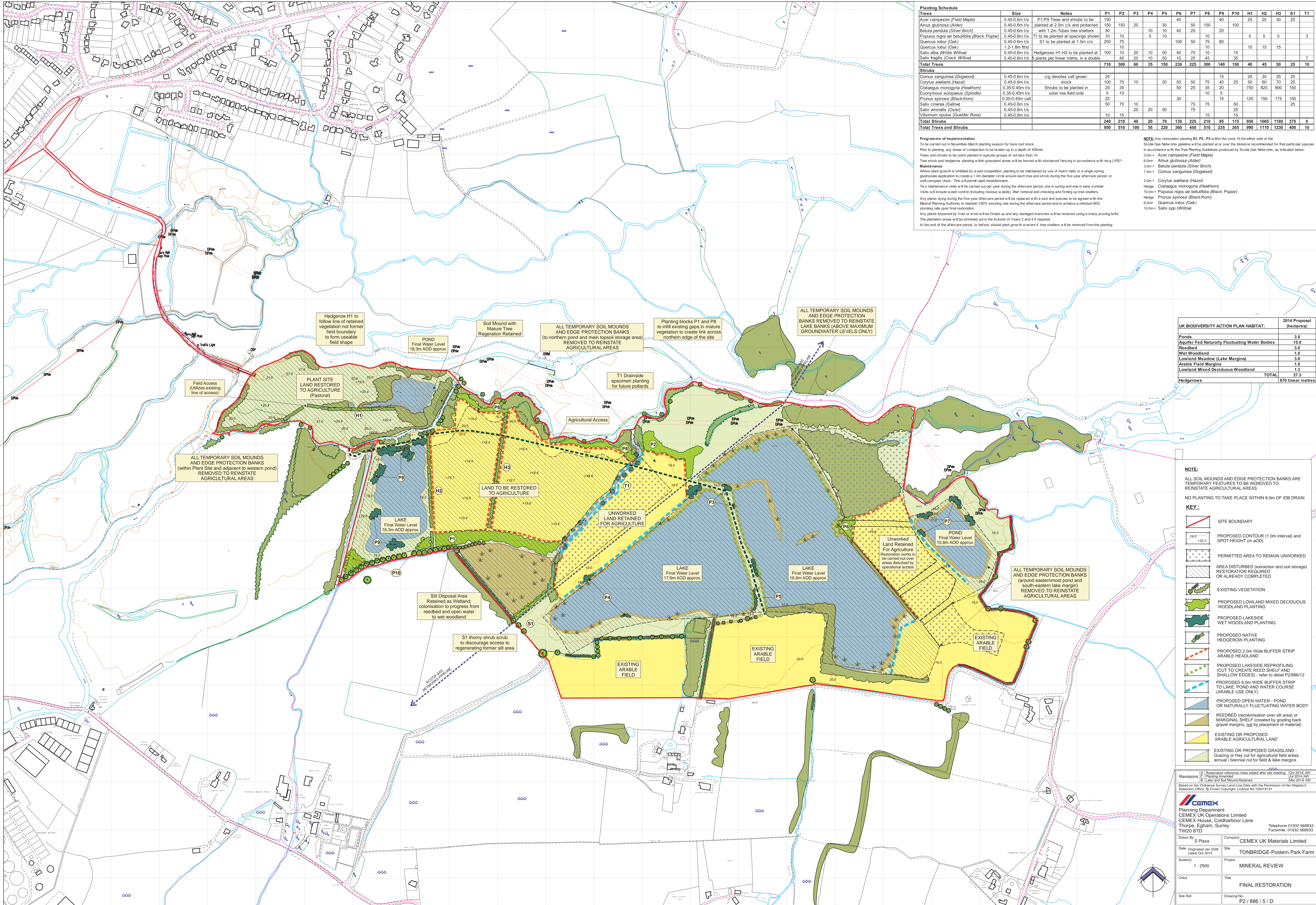
RMC
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15 AUG 2005

Drawn By	V. J. Murton	Company	RMC MATERIALS LIMITED
Date	June 2005	Site	TONBRIDGE-POSTERN PARK
Scale	1 : 4000	Project	MINERAL REVIEW
Chkd		Title	PHASE DRAWINGS-REMOVAL OF BUNDS AND CREATION OF LAKE
O.S. Ref		Drawing Number	P2 / 886 / 8F



- KEY :**
-  SITE BOUNDARY
 -  EXCAVATION BOUNDARY
 -  PHASE BOUNDARY
 -  SOIL MOVEMENTS (OVERBURDEN)
 -  (DEWATERING)
 -  VIRGIN MARGINS
 -  UNWORKED LAND
 -  EXCAVATION AREA
 -  SILT AREA
 -  WORKED OUT AREA
 -  OVERBURDEN STORE
 -  NEW LAKE
 -  RESTORED LAND



Planting Schedule			P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	H1	H2	H3	S1	T1
Trees																	
Acer campestre (Field Maple)	0.45-0.6m T/S	P1-P9 Trees and shrubs to be planted at 2.5m c/s and protected with 1.2m Tubex tree shelters	150	150	20	10	30	40	150	20	100	25	25	30	25		
Alnus glutinosa (Alder)	0.45-0.6m T/S		50	10	10	40	25	10	20				5	5	5		3
Betula pendula (Silver Birch)	0.45-0.6m T/S		10	10	5	10											
Populus nigra var. betulifolia (Black Poplar)	0.45-0.6m T/S	T1 to be planted at spacings shown	250	75					100	50	75	80					
Quercus robur (Oak)	0.45-0.6m T/S	S1 to be planted at 1.5m c/s	100	10									10	15	15		
Salix alba (White Willow)	0.45-0.6m T/S	Hedgerows H1-H3 to be planted at 1.2-1.8m Rhd	100	10	20	10	50	40	75	10							
Salix fragilis (Crack Willow)	0.45-0.6m T/S	S plants per linear metre, in a double	45	20	10	50	10	25	45								7
Total Trees			710	300	60	35	150	230	225	300	140	150	40	45	50	25	10
Shrubs																	
Cornus sanguinea (Dogwood)	0.45-0.6m T/S	City denotes cell grown stock	25										15	25	30	35	25
Corylus avellana (Hazel)	0.45-0.6m T/S		100	75	10		20	50	50	75	40	25	50	60	70	25	
Crataegus monogyna (Hawthorn)	0.35-0.45m T/S	Shrubs to be planted in outer row field side	25	35	20				50	25	20	750	825	900	150		
Eurymyrtus europaeus (Spindle)	0.35-0.45m T/S		5	10													
Prunus spinosa (Blackthorn)	0.35-0.45m T/S		25						30				10	5	125	150	175
Salix cinerea (Sallow)	0.45-0.6m T/S		50	75	10					75	75						25
Salix viminalis (Oster)	0.45-0.6m T/S		10	15	20	20	50										
Viburnum opulus (Guelder Rose)	0.45-0.6m T/S		10	15													
Total Shrubs			240	210	40	20	130	225	210	95	115	950	1065	1180	375	0	0
Total Trees and Shrubs			950	510	100	55	270	360	450	510	235	265	990	1110	1230	400	10

Programme of Implementation
 To be carried out in November-March planting season for bare root stock.
 Prior to planting, any areas of compaction to be broken up to a depth of 400mm.
 Trees and shrubs to be notched in species groups of not less than 10.
 Tree shrub and hedgerow planting in thin grassland areas will be fenced with stockproof fencing in accordance with the LRF21.
Maintenance
 Where plant growth is inhibited by weed competition, planting to be maintained by use of mulch mats or a single spring glyphosate application to create a 1.0m diameter circle around each tree and shrub during the five year aftercare period, or until canopy close. This will permit rapid establishment.
 Two maintenance visits will be carried out per year during the aftercare period, one in spring and one in early summer.
 Vets will include weed control (including removal of weeds) and checking and firming up tree shelters.
 Any plants dying during the five year aftercare period will be replaced with a size and species to be agreed with the Mineral Planning Authority to maintain 100% stocking rate during the aftercare period and to achieve a minimum 90% stocking rate upon final restoration.
 Any plants sponsored by frost or wind will be firmed up and any damaged branches will be removed using a sharp pruning knife.
 The plantation areas will be stromed out in the Autumn of Years 2 and 4 if required.
 At the end of the aftercare period, or before, should plant growth warrant it, tree shelters will be removed from the planting.

NOTE: Any restoration planting S1, P2, P3 within the zone 10.0m either side of the Scotia Gas New ork pipelines will be planted at or over the distance recommended for, as indicated below in accordance with the Tree Planting Guidelines produced by Scotia Gas New ork, for particular species:
 3.0m+ Acer campestre (Field Maple)
 6.0m+ Alnus glutinosa (Alder)
 3.0m+ Betula pendula (Silver Birch)
 1.5m+ Cornus sanguinea (Dogwood)
 3.0m+ Corylus avellana (Hazel)
 Hedge Crataegus monogyna (Hawthorn)
 10.0m+ Populus nigra var. betulifolia (Black Poplar)
 Hedge Prunus spinosa (Blackthorn)
 Hedge Quercus robur (Oak)
 10.0m+ Salix spp (Willow)

UK BIODIVERSITY ACTION PLAN HABITAT:	2014 Proposal (hectares):
Ponds	3.0
Aquifer Fed Naturally Fluctuating Water Bodies	15.0
Reedbed	3.0
Wet Woodland	1.0
Lowland Meadow (Lake Margins)	3.0
Arable Field Margins	1.0
Lowland Mixed Deciduous Woodland	1.3
TOTAL	27.3
Hedgerows	670 linear metres

NOTE:
 ALL SOIL MOUNDS AND EDGE PROTECTION BANKS ARE TEMPORARY FEATURES TO BE REMOVED TO REINSTATE AGRICULTURAL AREAS
 NO PLANTING TO TAKE PLACE WITHIN 8.0m OF IDB DRAIN

KEY:

- SITE BOUNDARY
- PROPOSED CONTOUR (1.0m interval) and SPOT HEIGHT (m aOD)
- PERMITTED AREA TO REMAIN UNWORKED
- AREA DISTURBED (extraction and soil storage) RESTORATION REQUIRED OR ALREADY COMPLETED
- EXISTING VEGETATION
- PROPOSED LOWLAND MIXED DECIDUOUS WOODLAND PLANTING
- PROPOSED LAKESIDE WET WOODLAND PLANTING
- PROPOSED NATIVE HEDGEROW PLANTING
- PROPOSED 2.0m Wide BUFFER STRIP ARABLE HEADLAND
- PROPOSED LAKESIDE REPROFILING (CUT TO CREATE REED SHELF AND SHALLOW EDGES) - refer to detail P2/886/12
- PROPOSED 6.0m WIDE BUFFER STRIP TO LAKE, POND AND WATER COURSE (ARABLE USE ONLY)
- PROPOSED OPEN WATER - POND OR NATURALLY FLUCTUATING WATER BODY
- REEDBED (recolonisation over all areas) or MARGINAL SHELF (created by grading back gravel margins, or by placement of material)
- EXISTING OR PROPOSED ARABLE AGRICULTURAL LAND
- EXISTING OR PROPOSED GRASSLAND - Grazing or Hay cut for agricultural field areas, annual/biennial cut for fields & lake margins

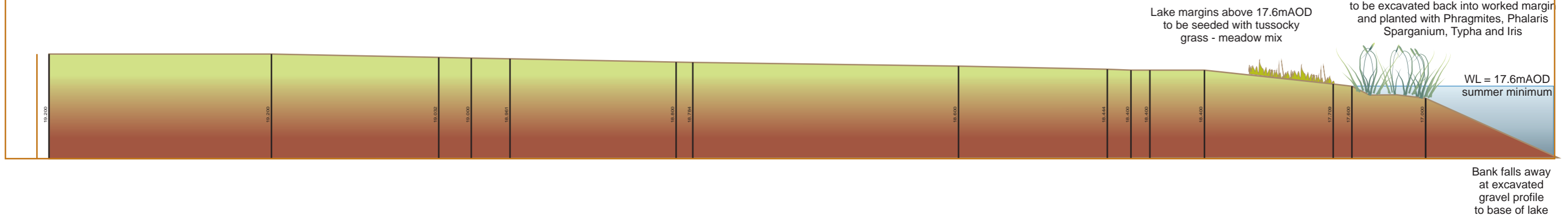
Revisions:
 10 Restoration reference notes added after site meeting, Oct 2014 AW
 9 Planting Arrangements, Mar 2014 AW
 8 Lake and Soil Mound Retained, Mar 2014 AW

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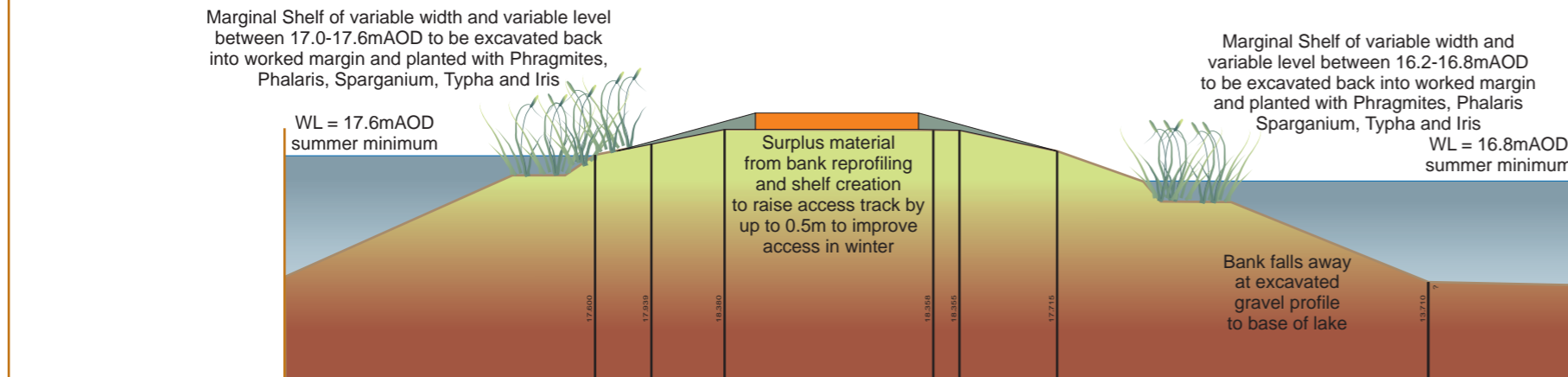
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Drawn By: S Plaza
 Date Originated Jan 2005
 Latest Oct 2014
 Scale(s): 1:2500
 Checked: S Plaza
 Title: FINAL RESTORATION
 Site Ref: P2 / 886 / 5 / D

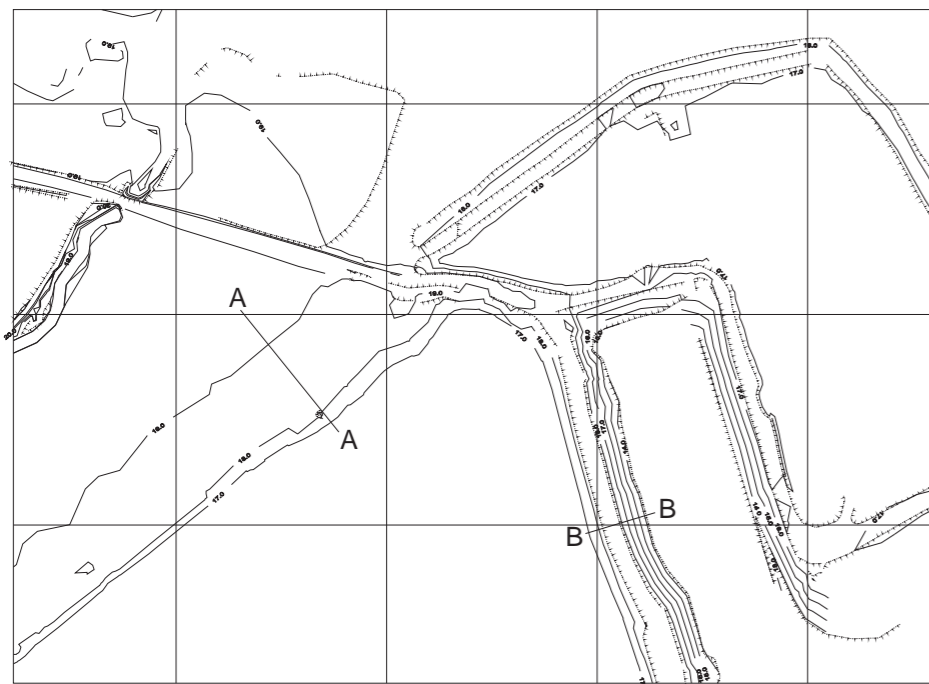
Detail Section through Lake Margin (North Side - to Gas Pipeline) 1: 200 at A - A



Detail Section through Lake Margin and Retained Access Track 1: 200 at B - B



Received 22 July 2014
Planning Applications Group



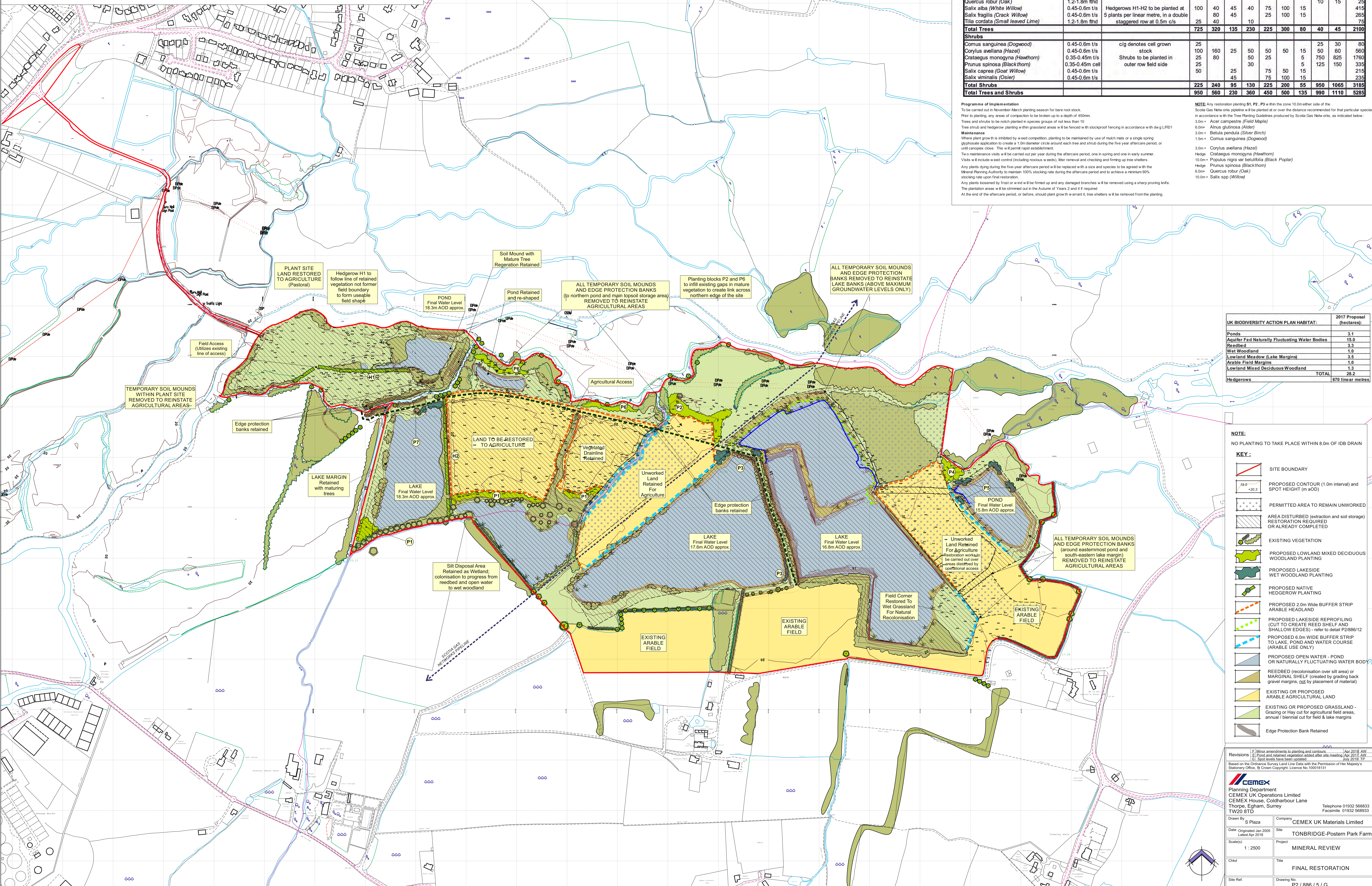
Revisions	
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Telephone 01932 568833	Facsimile 01932 568933
Drawn By A Wise	Company CEMEX UK Operations Limited
Date Drawn Mar 2014	Site TONBRIDGE - POSTERN PARK
Scale(s) 1:200 @ A3	Project SAND & GRAVEL EXTRACTION
Chkd	Title DETAIL RESTORATION SECTIONS
Site Ref.	Drawing No. P2 / 886 / 13

It is intended that the bridges, site access and concrete slab platform be retained until the end of the aftercare period or earlier if it is apparent that they are no longer needed to convey heavy machinery; The soil ramps to the River Medway bridge will be regraded and the area seeded towards the end of the aftercare period or earlier if the bridge is no longer required for access for landscape maintenance during the aftercare, and upon the bridge's subsequent removal. Soils will be utilised for the restoration of the access road northwards to the A26.

Planting Schedule												
Trees	Size	Notes	P1	P2	P3	P4	P5	P6	P7	H1	H2	Total
Acer campestre (Field Maple)	0.45-0.6m t/s	P1-P7 Trees and shrubs to be planted at 2.5m c/s and protected with 1.2m Tubex tree shelters	150	160	45	40	50	100	15	25	25	255
Alnus glutinosa (Alder)	0.45-0.6m t/s		50			40	25		5			505
Betula pendula (Silver Birch)	0.45-0.6m t/s									5	5	10
Populus nigra var betulifolia (Black Poplar)	0.45-0.6m t/s	T1 to be planted at spacings shown	250			100	50		30			430
Quercus robur (Oak)	0.45-0.6m t/s		100							10	15	25
Quercus robur (Oak)	1.2-1.8m f/hd		250									250
Salix alba (White Willow)	0.45-0.6m t/s	Hedgerows H1-H2 to be planted at 5 plants per linear metre, in a double staggered row at 0.5m c/s	40	40	45	40	75	100	15			415
Salix fragilis (Crack Willow)	0.45-0.6m t/s		50	45	10				15			205
Tilia cordata (Small leaved Lime)	1.2-1.8m f/hd		25	40								75
Total Trees			725	320	135	230	225	300	80	40	45	2100
Shrubs												
Cornus sanguinea (Dogwood)	0.45-0.6m t/s	c/g denotes cell grown stock	25	160	25	50	50	50	15	50	30	80
Corylus avellana (Hazel)	0.45-0.6m t/s		100	80		50	25		5	750	825	560
Crataegus monogyna (Hawthorn)	0.35-0.45m t/s	Shrubs to be planted in outer row field side	25	25		30			5	125	150	1760
Prunus spinosa (Black thorn)	0.35-0.45m cell		50									395
Salix caprea (Goat Willow)	0.45-0.6m t/s				25			75	50			215
Salix viminalis (Osier)	0.45-0.6m t/s				45			75	100			235
Total Shrubs			225	240	95	130	225	200	55	950	1065	3185
Total Trees and Shrubs			950	560	230	360	450	500	135	990	1110	5285

Programme of Implementation
 To be carried out in November-March planting season for bare root stock.
 Prior to planting, any areas of compaction to be broken up to a depth of 450mm.
 Trees and shrubs to be notched planted in species groups of not less than 10.
 Tree shrub and hedgerow planting in their grassland areas will be fenced with stockproof fencing in accordance with the LRF1.
Maintenance
 Where plant growth is inhibited by weed competition, planting to be maintained by use of mulch mats or a single spring glyphosate application to create a 1.0m diameter circle around each tree and shrub during the five-year aftercare period, or until canopy close. This will permit rapid establishment.
 Two maintenance visits will be carried out per year during the aftercare period, one in spring and one in early summer.
 Visits will include weed control (including noxious weeds), stem removal and checking and firming up tree shelters.
 Any plants dying during the five-year aftercare period will be replaced with a size and species to be agreed with the Mineral Planning Authority to maintain 100% stocking rate during the aftercare period and to achieve a minimum 90% stocking rate upon final restoration.
 Any plants felled by frost or wind will be firmed up and any damaged branches will be removed using a sharp pruning knife.
 The plantation areas will be stirmed out in the Autumn of Years 2 and 4 if required.
 At the end of the aftercare period, or before, should plant growth warrant it, tree shelters will be removed from the planting.

NOTE: Any restoration planting S1, P3, P5 within the zone 10.0m either side of the Scale Gas New or pipeline will be planted at or over the distance recommended for that particular species in accordance with the Tree Planting Guidelines produced by Scottish Gas Networks, as indicated below:
 3.0m - Acer campestre (Field Maple)
 6.0m - Alnus glutinosa (Alder)
 3.0m - Betula pendula (Silver Birch)
 1.5m - Cornus sanguinea (Dogwood)
 3.0m - Corylus avellana (Hazel)
 Hedge - Crataegus monogyna (Hawthorn)
 10.0m - Populus nigra var betulifolia (Black Poplar)
 Hedge - Prunus spinosa (Black thorn)
 6.0m - Quercus robur (Oak)
 10.0m - Salix spp (Willow)



UK BIODIVERSITY ACTION PLAN HABITAT:	2017 Proposal (hectares):
Ponds	3.1
Aquifer Fed Naturally Fluctuating Water Bodies	15.0
Reedbed	3.3
Wet Woodland	1.0
Lowland Meadow (Lake Margins)	3.5
Arable Field Margins	1.0
Lowland Mixed Deciduous Woodland	1.3
TOTAL	28.2
Hedgerows	670 linear metres

- NOTE:**
 NO PLANTING TO TAKE PLACE WITHIN 8.0m OF ICB DRAIN
- KEY:**
- SITE BOUNDARY
 - PROPOSED CONTOUR (1.0m interval) and SPOT HEIGHT (m aOD)
 - PERMITTED AREA TO REMAIN UNWORKED
 - AREA DISTURBED (excavation and soil storage) RESTORATION REQUIRED OR ALREADY COMPLETED
 - EXISTING VEGETATION
 - PROPOSED LOWLAND MIXED DECIDUOUS WOODLAND PLANTING
 - PROPOSED LAKESIDE WET WOODLAND PLANTING
 - PROPOSED NATIVE HEDGEROW PLANTING
 - PROPOSED 2.0m Wide BUFFER STRIP ARABLE HEADLAND
 - PROPOSED LAKESIDE REPROFILING (CUT TO CREATE REED SHELF AND SHALLOW EDGES) - refer to detail P2/886/12 (ARABLE USE ONLY)
 - PROPOSED 6.0m WIDE BUFFER STRIP TO LAKE, POND AND WATER COURSE (ARABLE USE ONLY)
 - PROPOSED OPEN WATER - POND OR NATURALLY FLUCTUATING WATER BODY
 - REEDBED (recolonisation over silt area) or MARGINAL SHELF (created by grading back gravel margins, not by placement of material)
 - EXISTING OR PROPOSED ARABLE AGRICULTURAL LAND
 - EXISTING OR PROPOSED GRASSLAND - Grazing or Hay cut for agricultural field areas, annual / biennial cut for field & lake margins
 - Edge Protection Bank Retained

Planning Department
 CEMEX UK Operations Limited
 CEMEX House, Coldharbour Lane
 Thorpe, Egham, Surrey
 TW20 8TD

Revisions: E Minor amendments to planting and contours (Apr 2018 AW)
 G Pond and retained vegetation added after site meeting (Apr 2017 AW)
 H Spot levels have been added (July 2018 TP)

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Drawn By: S Plaza
 Date Originated: Jan 2005
 Label: Apr 2018
 Scale(s): 1:2500
 Ckcd: Title: FINAL RESTORATION
 Site Ref: Drawing No: P2 / 886 / 5 / G

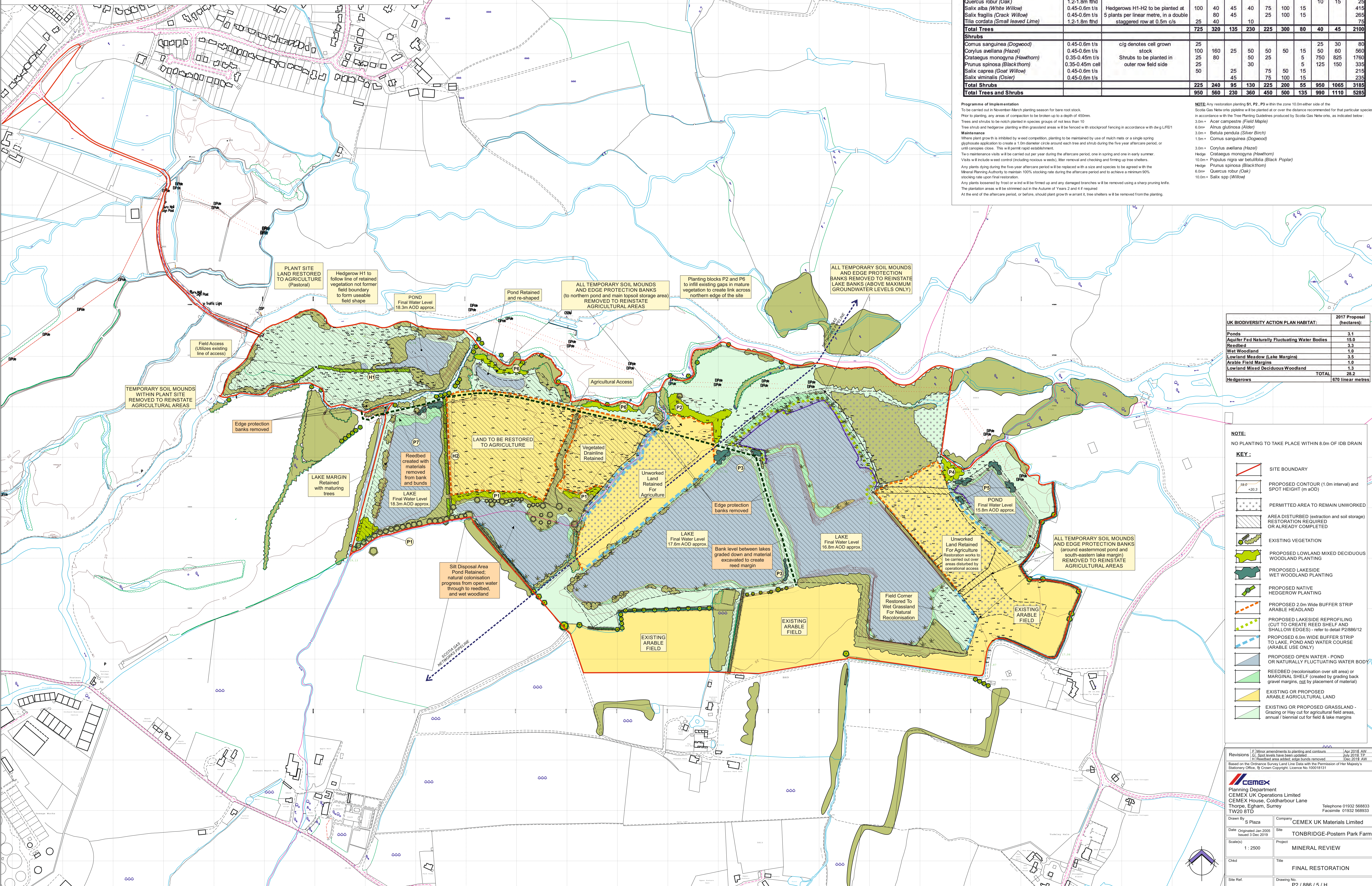
Company: CEMEX UK Materials Limited
 Site: TONBRIDGE-Postern Park Farm
 Project: MINERAL REVIEW

It is intended that the bridges, site access and concrete slab platform be retained until the end of the aftercare period or earlier if it is apparent that they are no longer needed to convey heavy machinery; The soil ramps to the River Medway bridge will be regraded and the area seeded towards the end of the aftercare period or earlier if the bridge is no longer required for access for landscape maintenance during the aftercare, and upon the bridge's subsequent removal. Soils will be utilised for the restoration of the access road northwards to the A26.

Planting Schedule												
Trees	Size	Notes	P1	P2	P3	P4	P5	P6	P7	H1	H2	Total
Acer campestre (Field Maple)	0.45-0.6m t/s	P1-P7 Trees and shrubs to be planted at 2.5m c/s and protected with 1.2m Tubex tree shelters	150	160	45	40	50	100	15	25	25	255
Alnus glutinosa (Alder)	0.45-0.6m t/s		50			40	25		5			505
Betula pendula (Silver Birch)	0.45-0.6m t/s					100	50			5	5	120
Populus nigra var betulifolia (Black Poplar)	0.45-0.6m t/s	T1 to be planted at spacings shown	250						30			10
Quercus robur (Oak)	0.45-0.6m t/s									10	15	430
Quercus robur (Oak)	1.2-1.8m f/hd		100	40	45	40	75	100	15			25
Salix alba (White Willow)	0.45-0.6m t/s	Hedgerows H1-H2 to be planted at 5 plants per linear metre, in a double staggered row at 0.5m c/s	50	45	10							415
Salix fragilis (Crack Willow)	0.45-0.6m t/s		25	40								265
Tilia cordata (Small leaved Lime)	1.2-1.8m f/hd											75
Total Trees			725	320	135	230	225	300	80	40	45	2100
Shrubs												
Cornus sanguinea (Dogwood)	0.45-0.6m t/s	c/g denotes cell grown stock	25	100	25	50	50	50	15	50	30	80
Corylus avellana (Hazel)	0.45-0.6m t/s		25	80		50	25		5	750	625	560
Crataegus monogyna (Hawthorn)	0.35-0.45m t/s	Shrubs to be planted in outer row field side	25			30			5	125	150	1760
Prunus spinosa (Black Thorn)	0.35-0.45m cell		25			75	50					395
Salix caprea (Goat Willow)	0.45-0.6m t/s		50			45						215
Salix viminalis (Osier)	0.45-0.6m t/s					75	100					235
Total Shrubs			225	240	95	130	225	200	55	950	1065	3185
Total Trees and Shrubs			950	560	230	360	450	500	135	990	1110	5285

Programme of Implementation
To be carried out in November-March planting season for bare root stock.
Prior to planting, any areas of compaction to be broken up to a depth of 450mm.
Trees and shrubs to be notched planted in species groups of not less than 10.
Tree shrub and hedgerow planting in tree grassland areas will be fenced with stockproof fencing in accordance with the LFE1.
Maintenance
Where plant growth is inhibited by weed competition, planting to be maintained by use of mulch mats or a single spring glyphosate application to create a 1.0m diameter circle around each tree and shrub during the five-year aftercare period, or until canopy close. This will permit rapid establishment.
Two maintenance visits will be carried out per year during the aftercare period, one in spring and one in early summer.
Visits will include weed control (including noxious weeds), stem removal and checking and firming up tree shelters.
Any plants dying during the five-year aftercare period will be replaced with a size and species to be agreed with the Mineral Planning Authority to maintain 100% stocking rate during the aftercare period and to achieve a minimum 90% stocking rate upon final restoration.
Any plants loosened by frost or wind will be firmed up and any damaged branches will be removed using a sharp pruning knife.
The plantation areas will be stirmed out in the Autumn of Years 2 and 4 if required.
At the end of the aftercare period, or before, should plant growth warrant it, tree shelters will be removed from the planting.

NOTE: Any restoration planting S1, P3, P3 within the zone 10.0m either side of the Scotts Gas New or pipeline will be planted at or over the distance recommended for that particular species in accordance with the Tree Planting Guidelines produced by Scotts Gas Network, as indicated below:
3.0m - Acer campestre (Field Maple)
6.0m - Alnus glutinosa (Alder)
3.0m - Betula pendula (Silver Birch)
1.5m - Cornus sanguinea (Dogwood)
3.0m - Corylus avellana (Hazel)
Hedge - Crataegus monogyna (Hawthorn)
10.0m - Populus nigra var betulifolia (Black Poplar)
Hedge - Prunus spinosa (Black Thorn)
6.0m - Quercus robur (Oak)
10.0m - Salix spp (Willow)



UK BIODIVERSITY ACTION PLAN HABITAT:	2017 Proposal (hectares):
Ponds	3.1
Aquifer Fed Naturally Fluctuating Water Bodies	15.0
Reedbed	3.3
Wet Woodland	1.0
Lowland Meadow (Lake Margins)	3.5
Arable Field Margins	1.0
Lowland Mixed Deciduous Woodland	1.3
TOTAL	28.2
Hedgerows	670 linear metres

- NOTE:**
NO PLANTING TO TAKE PLACE WITHIN 8.0m OF IDB DRAIN
- KEY:**
- SITE BOUNDARY
 - PROPOSED CONTOUR (1.0m interval) and SPOT HEIGHT (m aOD)
 - PERMITTED AREA TO REMAIN UNWORKED
 - AREA DISTURBED (excavation and soil storage) RESTORATION REQUIRED OR ALREADY COMPLETED
 - EXISTING VEGETATION
 - PROPOSED LOWLAND MIXED DECIDUOUS WOODLAND PLANTING
 - PROPOSED LAKESIDE WET WOODLAND PLANTING
 - PROPOSED NATIVE HEDGEROW PLANTING
 - PROPOSED 2.0m Wide Buffer Strip ARABLE HEADLAND
 - PROPOSED LAKESIDE REPROFILING (CUT TO CREATE REED SHELF AND SHALLOW EDGES) - refer to detail P2/886/12 (ARABLE USE ONLY)
 - PROPOSED 6.0m WIDE BUFFER STRIP TO LAKE, POND AND WATER COURSE (ARABLE USE ONLY)
 - PROPOSED OPEN WATER - POND OR NATURALLY FLUCTUATING WATER BODY
 - REEDBED (recolonisation over silt area) or MARGINAL SHELF (created by grading back gravel margins, to be placed of material)
 - EXISTING OR PROPOSED ARABLE AGRICULTURAL LAND
 - EXISTING OR PROPOSED GRASSLAND - Grazing or Hay cut for agricultural field areas, annual / biennial cut for field & lake margins

Revisions: [E] Minor amendments to planting and contours (Apr 2018 AW), [C] Spot levels have been updated (July 2019 JF), [I] Reedbed area added, edge bands removed (Dec 2019 AW)

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Drawn By: S Plaza
Date: Originated Jan 2016, Issued 3 Dec 2019
Scale(s): 1:2500
Checked: [Signature]
Site Ref: P2 / 886 / 5 / H

Company: CEMEX UK Materials Limited
Site: TONBRIDGE-Postern Park Farm
Project: MINERAL REVIEW
Title: FINAL RESTORATION
Drawing No: P2 / 886 / 5 / H