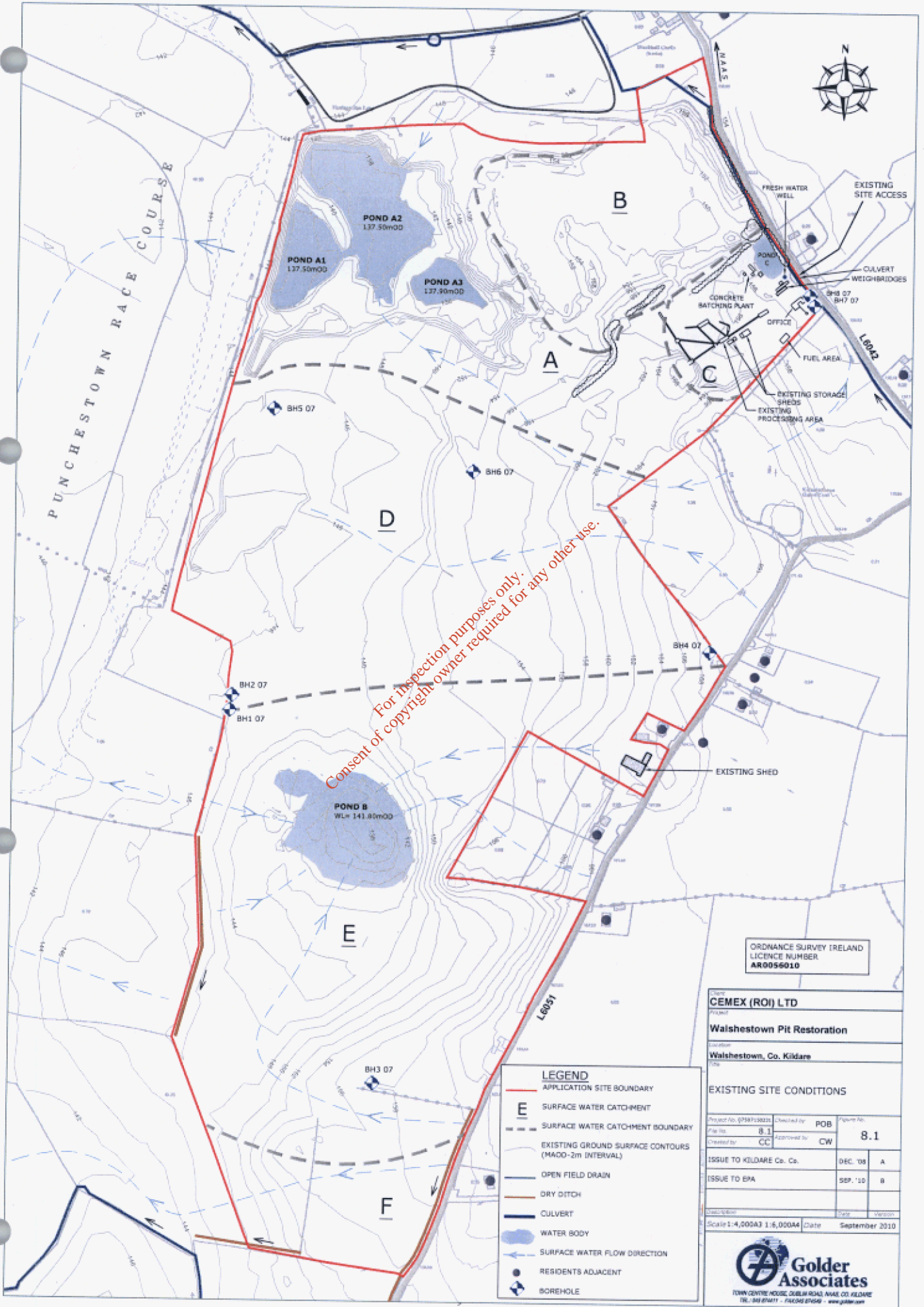




APPENDIX 8

Revised EIS Figures (Rev. B)

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PUNCHESTOWN RACE COURSE

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ORDNANCE SURVEY IRELAND
 LICENCE NUMBER
AR0056010

Client CEMEX (ROI) LTD		
Project Walshestown Pit Restoration		
Location Walshestown, Co. Kildare		
Title EXISTING SITE CONDITIONS		
Project No. 0708100001	Checked by POB	Figure No.
File No. 8.1	Approved by CW	8.1
ISSUE TO KILDARE Co. Co.	DEC. '08	A
ISSUE TO EPA	SEP. '10	B
Scale 1:4,000A3 1:6,000A4	Date	Version
	September 2010	
 Golder Associates <small>TOWN CENTRE HOUSE, DUBLIN ROAD, ANNA CO. KILDARE TEL: 018767111 - FAX: 018767100 - www.golder.com</small>		


- LEGEND**
- APPLICATION SITE BOUNDARY
 - E SURFACE WATER CATCHMENT
 - - - SURFACE WATER CATCHMENT BOUNDARY
 - - - EXISTING GROUND SURFACE CONTOURS (MAD-2m INTERVAL)
 - OPEN FIELD DRAIN
 - DRY DITCH
 - CULVERT
 - WATER BODY
 - SURFACE WATER FLOW DIRECTION
 - RESIDENTS ADJACENT
 - ⊕ BOREHOLE

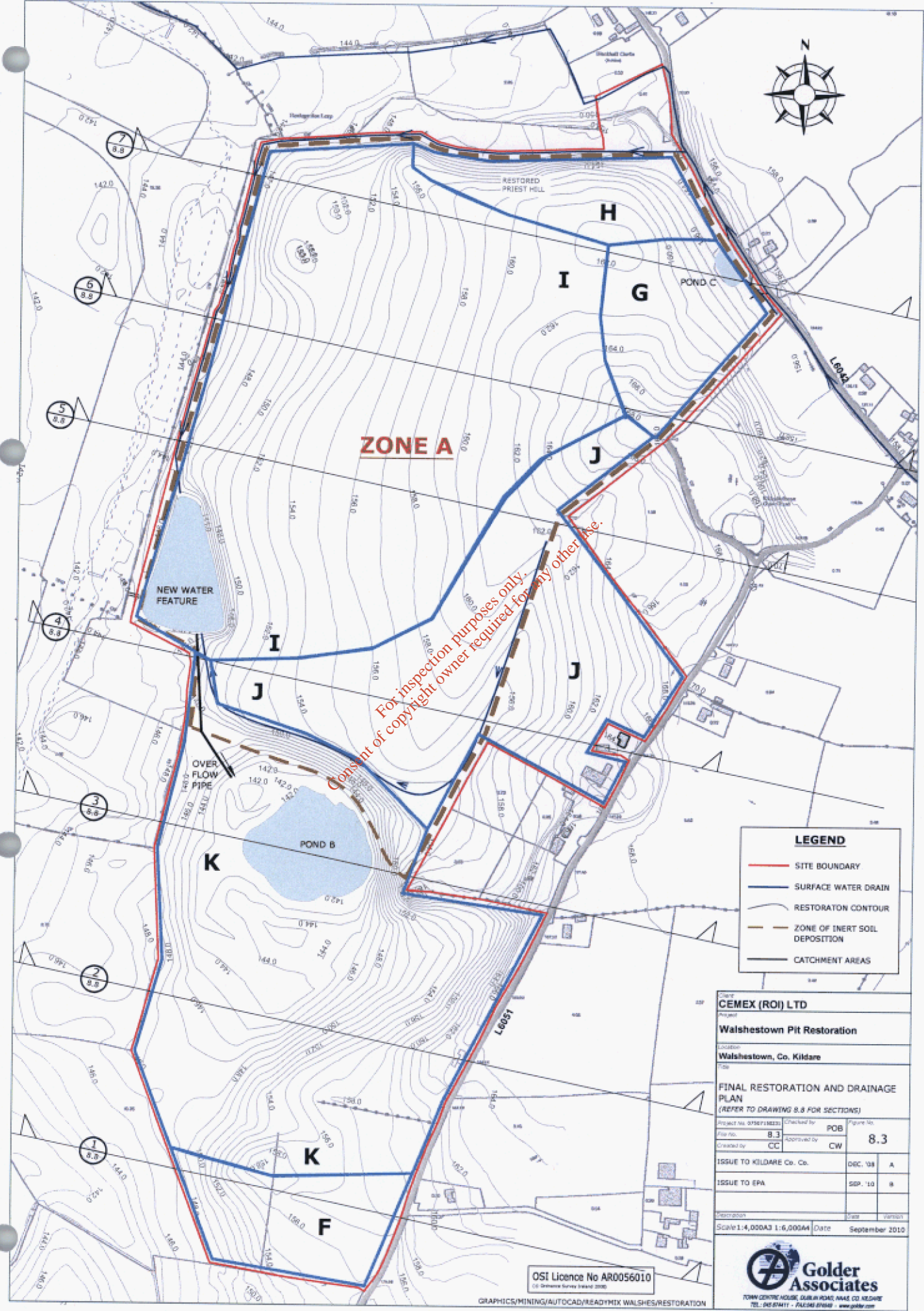


APPLICATION SITE BOUNDARY

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ORDNANCE SURVEY IRELAND
LICENCE NUMBER
AR0056010

Client CEMEX (ROI) LTD		
Project Walshestown Pit Restoration		
Location Walshestown, Co. Kildare		
Title AERIAL PHOTO (2005)		
Project No. 0718715033	Checked by POB	Figure No.
File No. 8.2	Approved by CW	8.2
Created by CC		
ISSUE TO KILDARE Co. Co.	DEC '08	A
ISSUE TO EPA	SEP '10	B
Revision	Date	Version
Scale 1:4,000AJ 1:4,000W4	Date	September 2010
 Golder Associates <small>TOWN CENTRE HOUSE, DUBLIN ROAD, ANGLE, CO. KILDARE TEL: 045 847777 - FAX: 045 870487 - www.golder.com</small>		



ZONE A

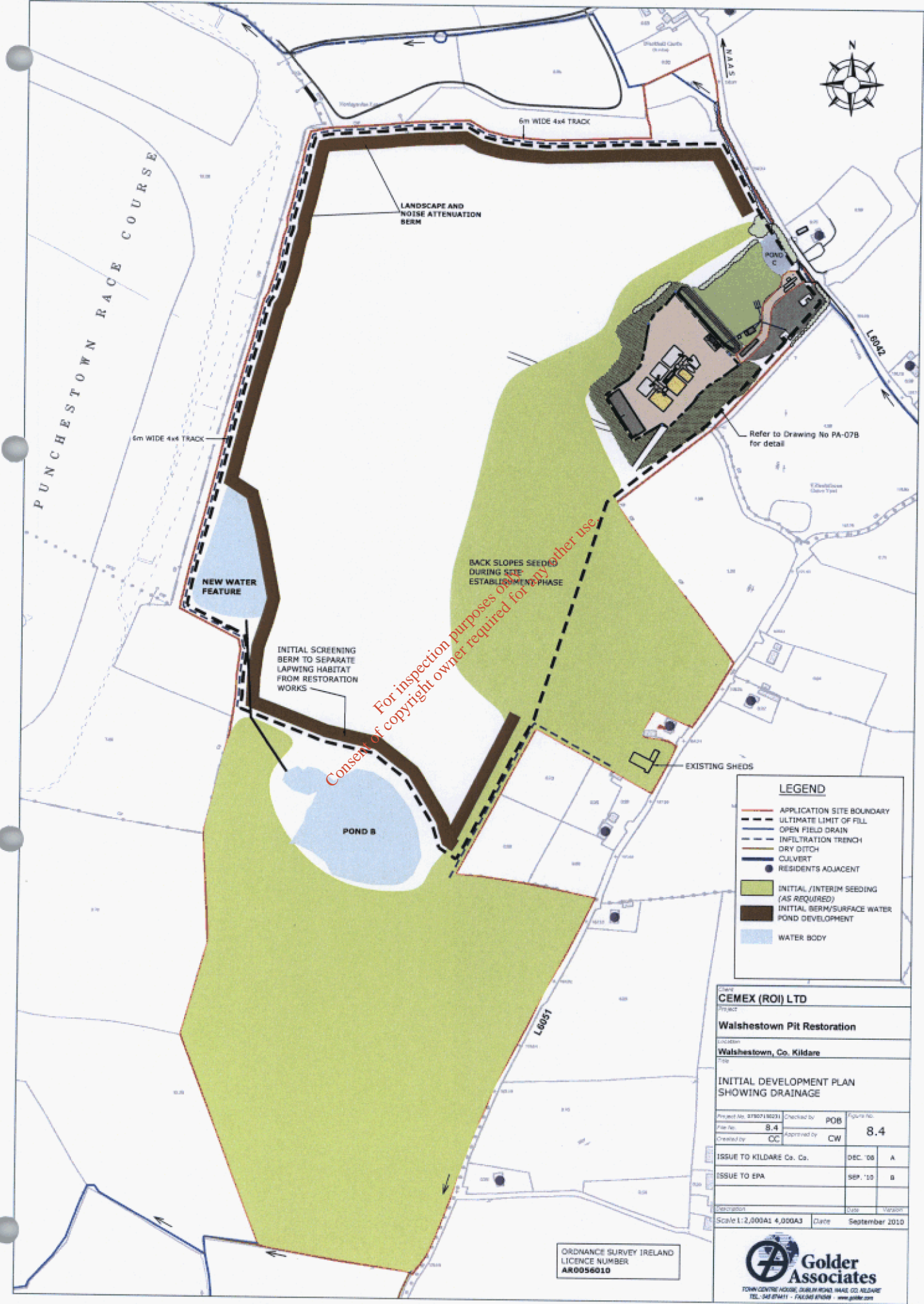
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LEGEND	
	SITE BOUNDARY
	SURFACE WATER DRAIN
	RESTORATION CONTOUR
	ZONE OF INERT SOIL DEPOSITION
	CATCHMENT AREAS

Client CEMEX (ROI) LTD			
Project Walshestown Pit Restoration			
Location Walshestown, Co. Kildare			
Title FINAL RESTORATION AND DRAINAGE PLAN (REFER TO DRAWING 8.8 FOR SECTIONS)			
Project No. 01587158233	Checked by POB	Figure No.	
File No. 8.3	Approved by CW	8.3	
Created by CC			
ISSUE TO KILDARE Co. Co.	DEC. '08	A	
ISSUE TO EPA	SEP. '10	8	
Revision	Page	Version	
Scale: 1:4,000 A3 1:6,000 A4	Date	September 2010	

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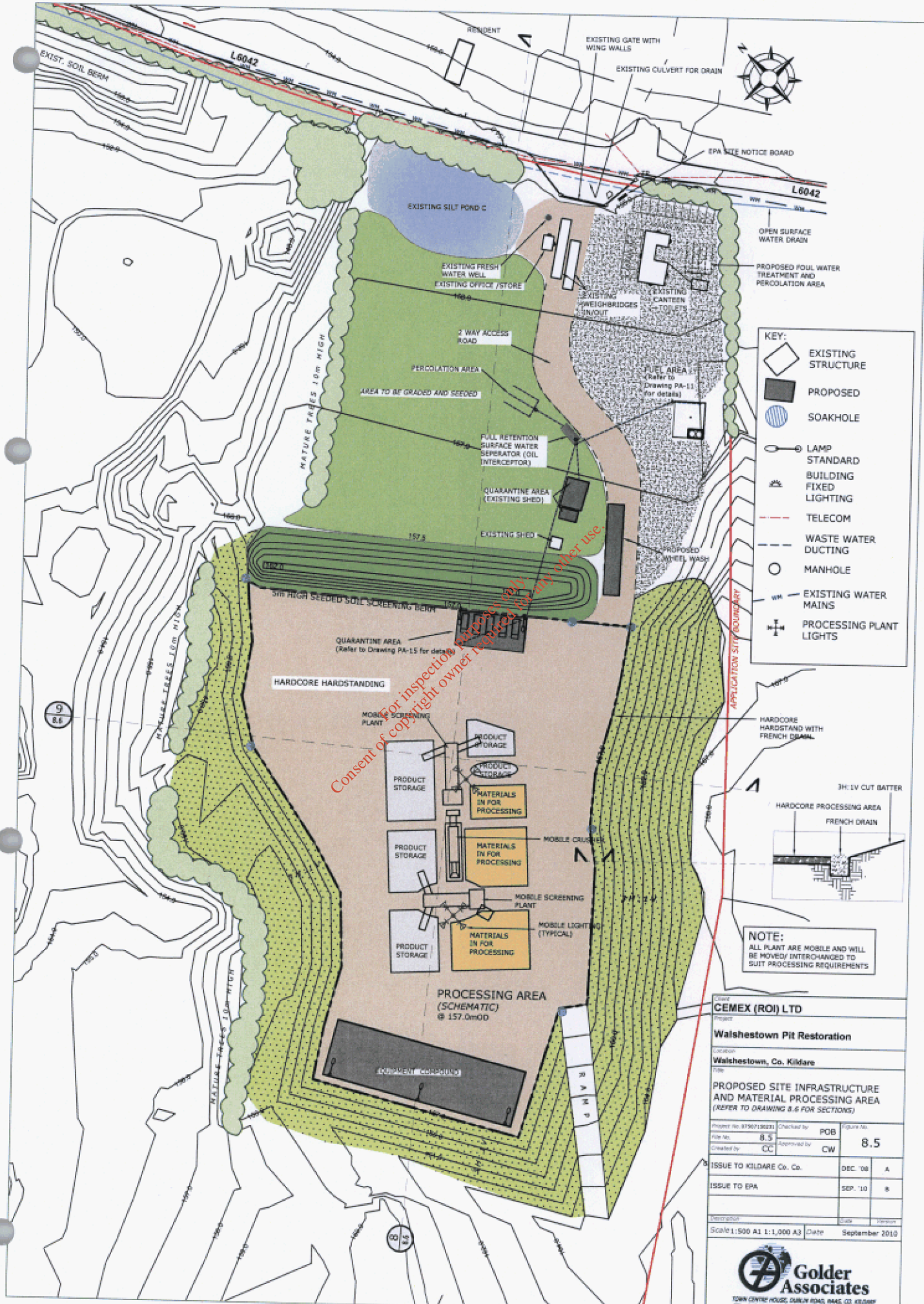


LEGEND	
	APPLICATION SITE BOUNDARY
	ULTIMATE LIMIT OF FILL
	OPEN FIELD DRAIN
	INFILTRATION TRENCH
	DRY DITCH
	CULVERT
	RESIDENTS ADJACENT
	INITIAL /INTERIM SEEDING (AS REQUIRED)
	INITIAL BERM/SURFACE WATER POND DEVELOPMENT
	WATER BODY

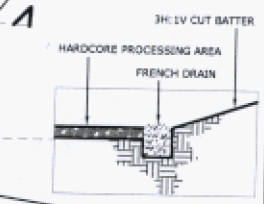
Client CEMEX (ROI) LTD			
Project Walshestown Pit Restoration			
Location Walshestown, Co. Kildare			
Title INITIAL DEVELOPMENT PLAN SHOWING DRAINAGE			
Project No. 078001180231	Checked by POB	Figure No.	
File No. 8.4	Approved by CW	8.4	
Created by CC			
ISSUE TO KILDARE Co. Co.	DEC '08	A	
ISSUE TO EPA	SEP '10	B	
Revision	Date	Version	
Scale 1:2,000A1 4,000A3	Date	September 2010	

ORDNANCE SURVEY IRELAND
LICENCE NUMBER
AR0056010





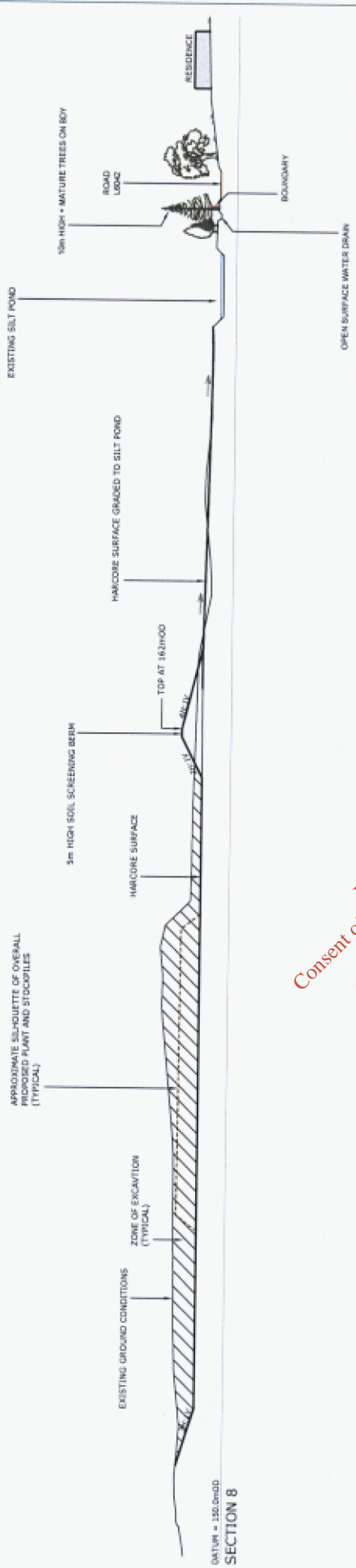
- KEY:**
- EXISTING STRUCTURE
 - PROPOSED
 - SOAKHOLE
 - LAMP STANDARD
 - BUILDING FIXED LIGHTING
 - TELECOM
 - WASTE WATER DUCTING
 - MANHOLE
 - EXISTING WATER MAINS
 - PROCESSING PLANT LIGHTS



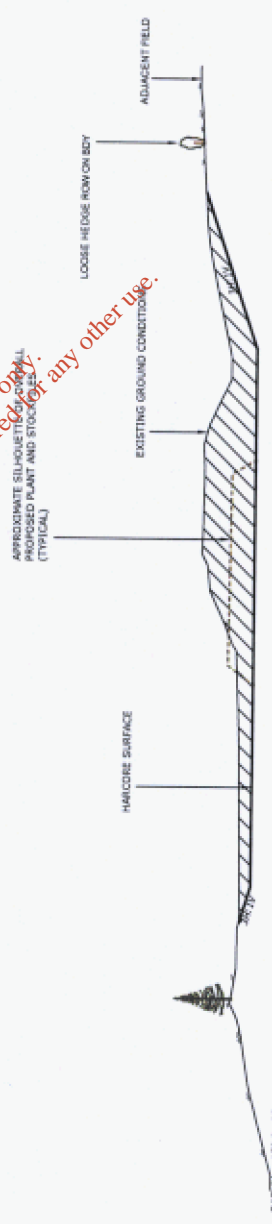
NOTE:
ALL PLANT ARE MOBILE AND WILL BE MOVED/INTERCHANGED TO SUIT PROCESSING REQUIREMENTS

Client CEMEX (OI) LTD		
Project Walshestown Pit Restoration		
Location Walshestown, Co. Kildare		
Title PROPOSED SITE INFRASTRUCTURE AND MATERIAL PROCESSING AREA (REFER TO DRAWING 8.5 FOR SECTIONS)		
Project No. 8796710021	Checked by POB	Figure No.
File No. 8.5	Created by CC	Approved by CW
ISSUE TO KILDARE Co. Co.	DEC. '08	A
ISSUE TO EPA	SEP. '10	B
Drawn by	Scale	Version
Scale 1:500 A1 1:1,000 A3	Date	September 2010



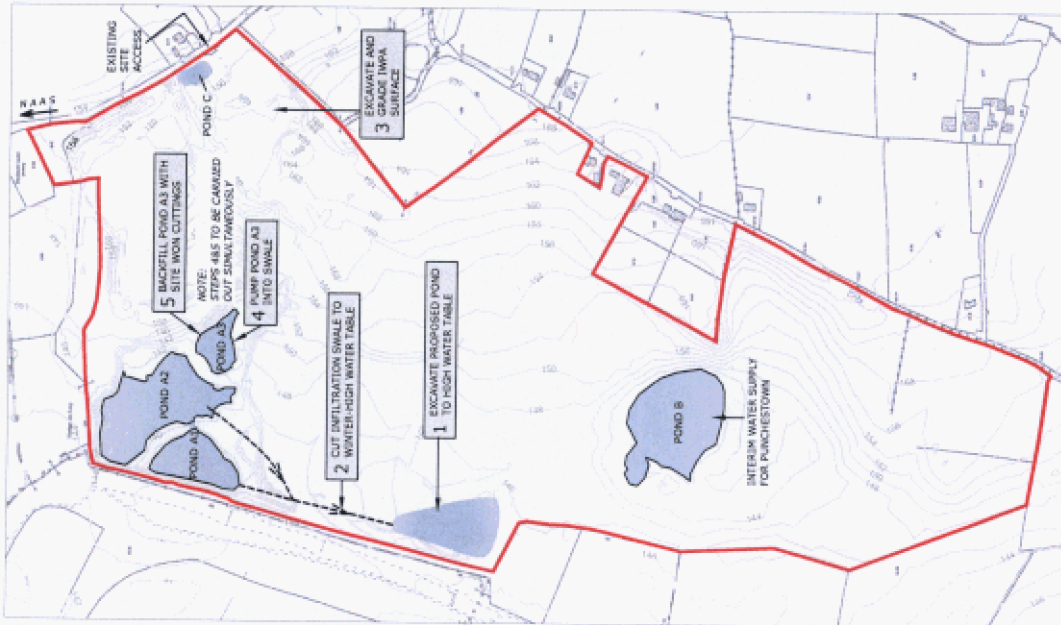


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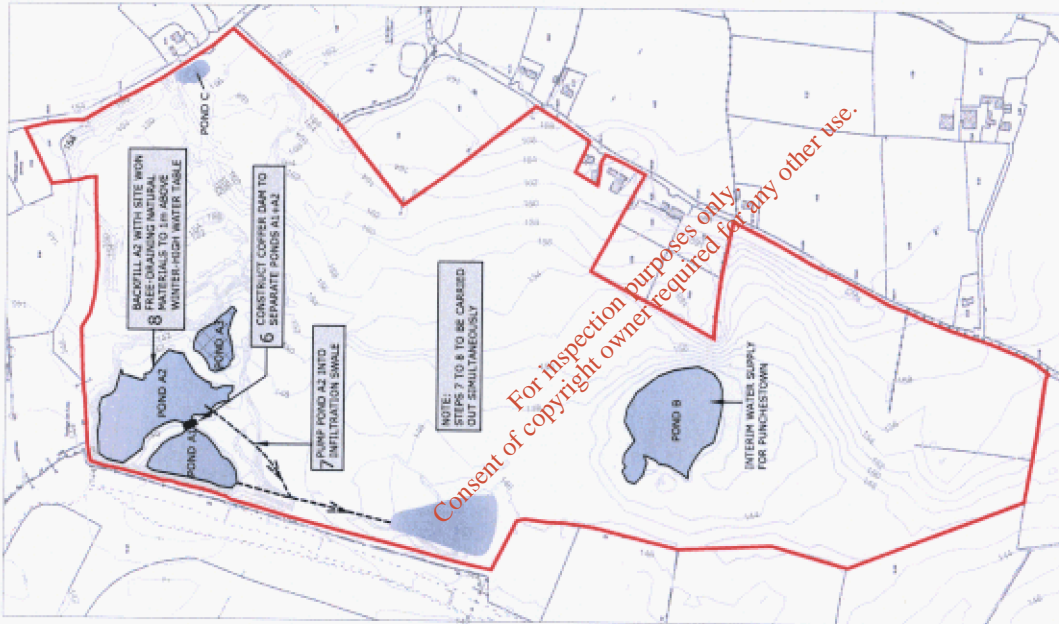


Client	CEMEX (ROI) LTD
Project	Walshestown Pit Restoration
Location	Walshestown, Co. Kildare
City	Walshestown, Co. Kildare
FACILITY RECEPTION AND MATERIAL PROCESSING AREA: CROSS SECTIONS 8 and 9 (REFER TO APPROPRIATE SECTION LOCATIONS)	
Project No.	01502158123
Drawn By	CC
Checked By	8.6
Approved By	CW
Issue To KILDARE Co. Co.	DEC. 198
Issue To EPA	SEP. 10
Issue To	
Scale	1:1000
Sheet No.	1.095 A3 1:1,500 (A4)
Date	September 2010

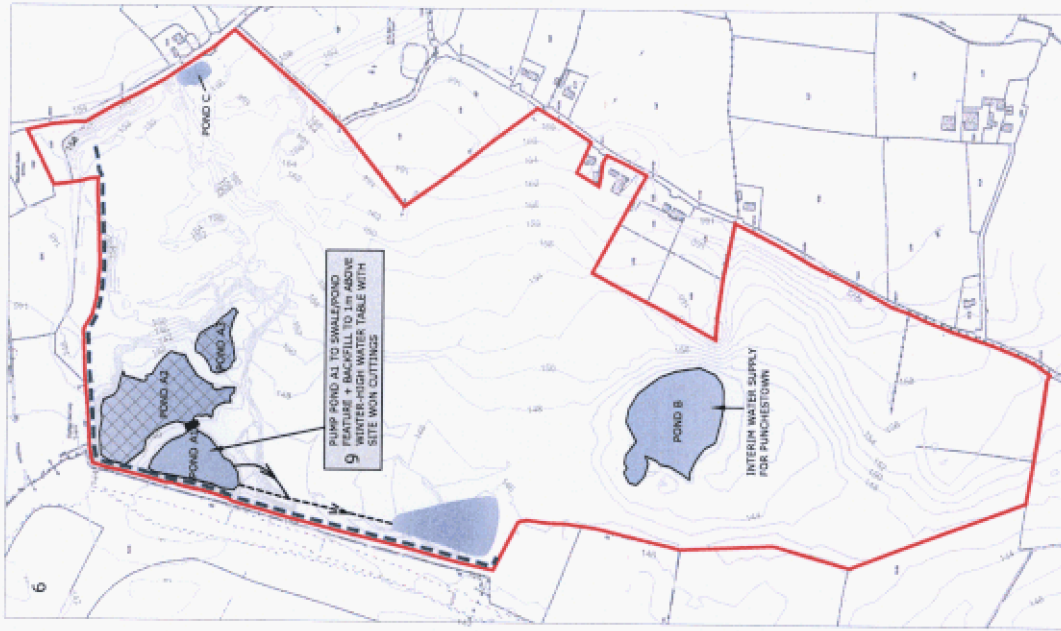




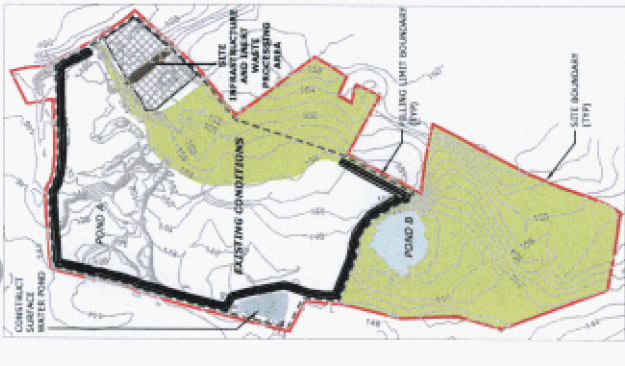
INITIAL DRAINAGE WORKS - VIEW A



INITIAL DRAINAGE WORKS - VIEW B



INITIAL DRAINAGE WORKS - VIEW C



YEAR 0-1.0
CONSTRUCT BERMS, SURFACE WATER MANAGEMENT FEATURES AND SITE INFRASTRUCTURE



YEAR 1.0-3.0
INERT FILL TO 145mOD AND FILL EXISTING PONDS



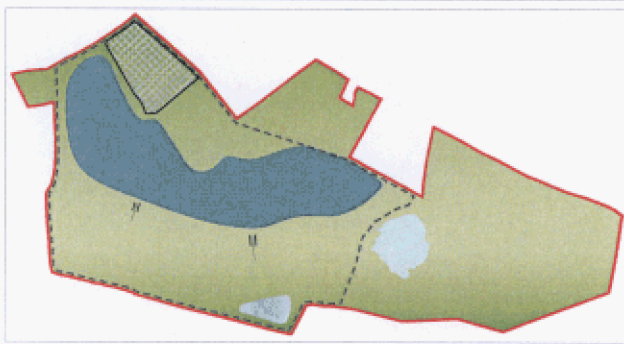
YEAR 3.0-4.0
INERT FILL FROM 145mOD TO 148mOD



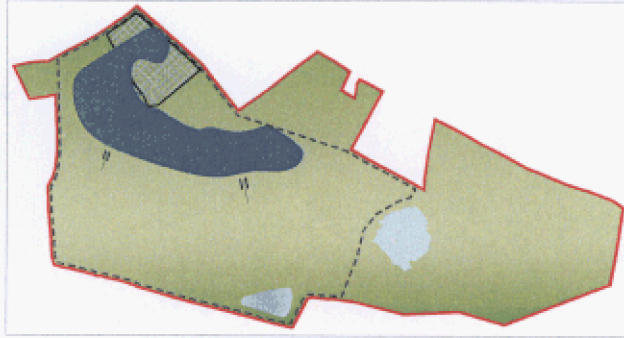
YEAR 4.0-5.0
INERT FILL FROM 148mOD TO 151mOD



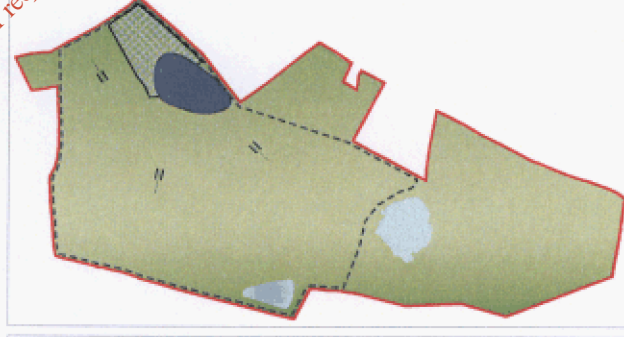
YEAR 6.0-8.5
INERT FILL FROM 151mOD TO 154mOD



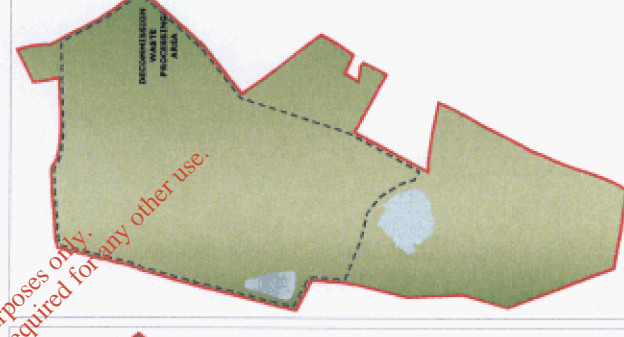
YEAR 8.5-10.0
INERT FILL FROM 154mOD TO 156mOD



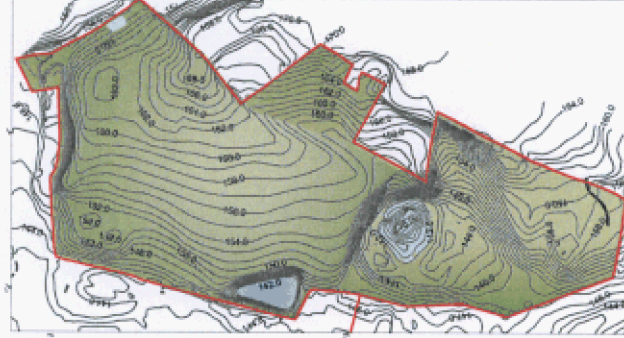
YEAR 10.0-11.5
INERT FILL FROM 156mOD TO 159mOD



YEAR 11.5-12.5
INERT FILL FROM 159mOD TO 164mOD



YEAR 12.5-13.5
INERT FILL FROM 164mOD TO 168.5mOD



COMPLETED RESTORED SITE

LEGEND

- APPLICATION SITE BOUNDARY
- FILL LIMIT BOUNDARY
- GRASS/RESTORED SURFACE

***NOTE:**
THING OF RESTORATION FILLING IS STRICTLY DEPENDENT ON MARKET CONDITIONS AND THE AVAILABILITY OF INERT FILL MATERIALS

CEMEX (ROI) LTD

Walshestown Pit Restoration

Walshestown, Co. Kildare

CONCEPTUAL RESTORATION FILLING PLAN

Project No.	6790120024	Checked by	POB	8.9
File No.	8.9	Approved by	CW	8.9
Created by	CC	Issue To	KILDARE Co. Co.	DEC '08
Issue To EPA		Issue To EPA		SEP '10
Scale	N.T.S	Date	September 2010	

Goldier Associates
TOWN CENTRE HOUSE, DUBLIN ROAD, WALSHTOWN, CO. KILDARE
TEL: 0181 970411 - FAX: 0181 970410 - WWW.GOLDIER.COM

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EAST

WEST

SITE BOUNDARY (TYP)

170.0mOD

160.0mOD

150.0mOD

140.0mOD

130.0mOD

▼ Datum 120.00m

PROPOSED RESTORED SURFACE

154mOD

159mOD

156mOD

151mOD

148mOD

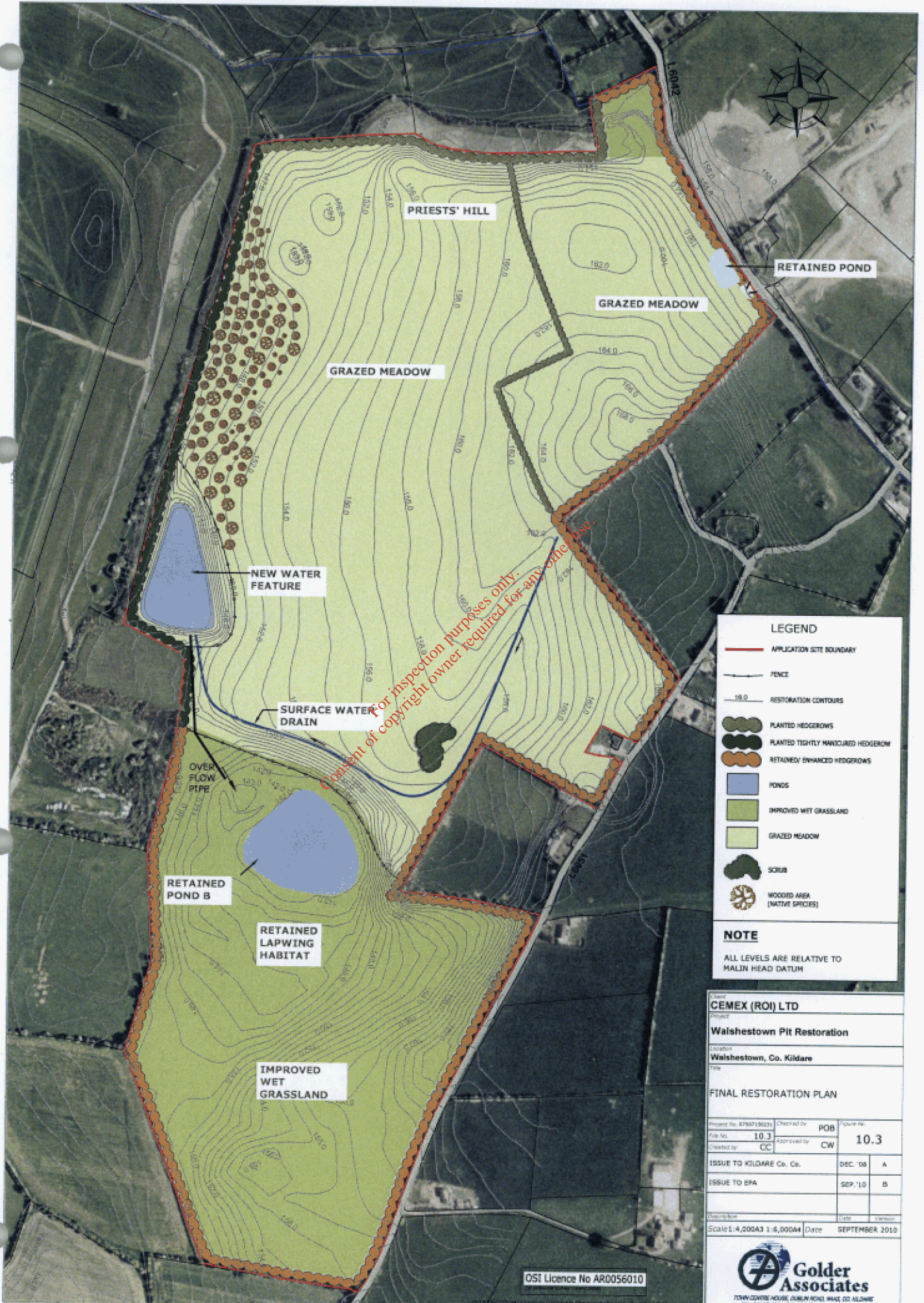
145mOD

EXISTING GROUND CONDITIONS

3m THICK SOILLIMER K = 1x10⁻⁷ m/s

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Client CEMEX (ROI) LTD		Project Walshestown Pit Restoration	
Location Walshestown, Co. Kildare		Date 	
CONCEPTUAL RESTORATION FILLING PLAN SCHEMATIC			
Project No. 0700130001	Created by CC	POB 8.10	Scale No. 8.10
Created by CC	Approved by CW	Issue To DEC 08	Revision A
ISSUE TO KILDARE Co. Co.		Issue To SEP '10	Revision B
ISSUE TO EPA		Issue To 	Revision
Scale A2 ENLARGEMENT	Date September 2010	Golder Associates 100th CENTRE ROAD, PEARL BOSS, IRISH CO. DUBLIN TEL: 01 454 6417 • FAX: 01 454 6449 • www.golder.com	



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LEGEND


- APPLICATION SITE BOUNDARY
- FENCE
- 10.0 RESTORATION CONTOURS
- PLANTED HEDGEROWS
- PLANTED TIGHTLY MANICURED HEDGEROW
- RETAINED ENHANCED HEDGEROWS
- PONDS
- IMPROVED WET GRASSLAND
- GRAZED MEADOW
- SCRUB
- WOODED AREA (NATIVE SPECIES)

NOTE

ALL LEVELS ARE RELATIVE TO MALIN HEAD DATUM

Client: **CEMEX (ROI) LTD**
 Project: **Walshestown Pit Restoration**
 Location: **Walshestown, Co. Kildare**
 Title: **FINAL RESTORATION PLAN**

Project No. 41907 (5623)	Checked by: POB	Figure No.:
File No. 10.3	Approved by: CW	10.3
Created by: CC		
ISSUE TO KILDARE Co. Co.	DEC '08	A
ISSUE TO EPA	SEP '10	B
Description:	Date:	Version:
Scale: 1:4,200A3 1:6,000A4	Date:	SEPTEMBER 2010


Golder Associates
70 NEW CENTRE HOUSE, DUBLIN ROAD, HAAS, CO. AILDARE
 TEL: 346 874111 - FAXING 874628 - www.golder.com

OSI Licence No AR0056010



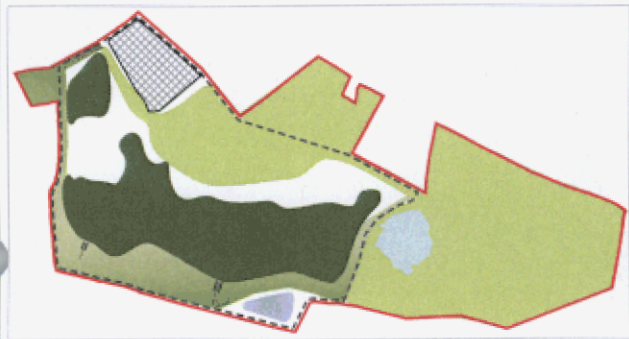
YEAR 0-1.0
CONSTRUCT BERMS, SURFACE WATER MANAGEMENT FEATURES AND SITE INFRASTRUCTURE



YEAR 1.0-3.0
INERT FILL TO 145mOD AND FILL EXISTING PONDS



YEAR 3.0-4.0
INERT FILL FROM 145mOD TO 148mOD



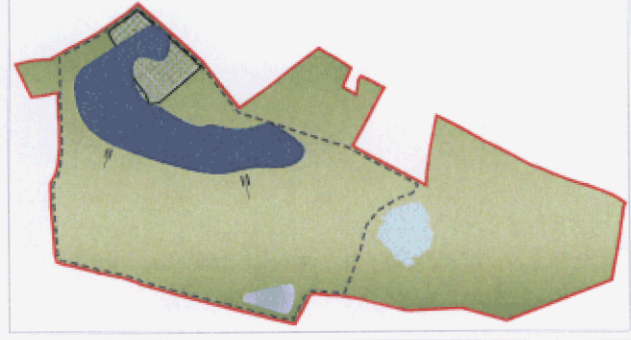
YEAR 4.0-6.0
INERT FILL FROM 148mOD TO 151mOD



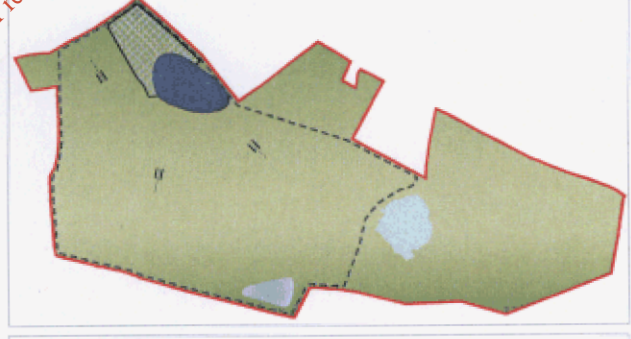
YEAR 6.0-8.5
INERT FILL FROM 151mOD TO 154mOD



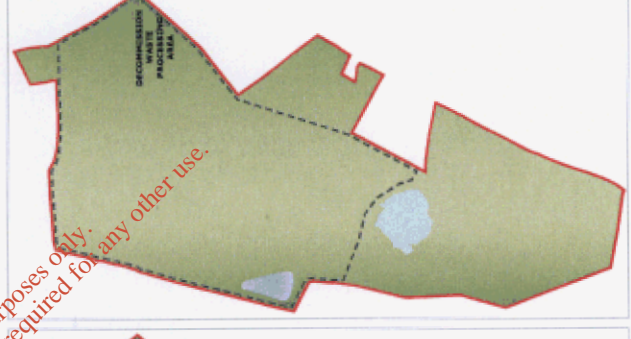
YEAR 8.5-10.0
INERT FILL FROM 154mOD TO 156mOD



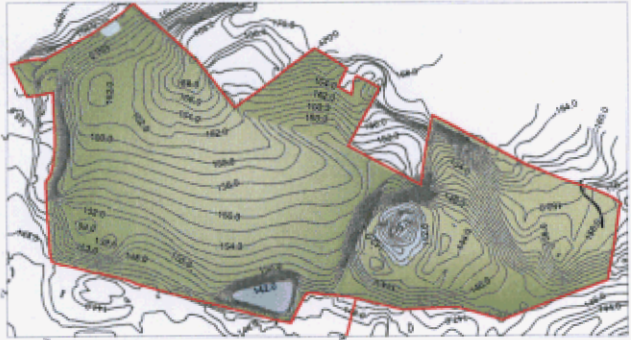
YEAR 10.0-11.5
INERT FILL FROM 156mOD TO 159mOD



YEAR 11.5-12.5
INERT FILL FROM 159mOD TO 164mOD



YEAR 12.5-13.5
INERT FILL FROM 164mOD TO 168.5mOD



COMPLETED RESTORED SITE

LEGEND

- APPLICATION SITE BOUNDARY
- FILL LIMIT BOUNDARY
- GRASED/RESTORED SURFACE

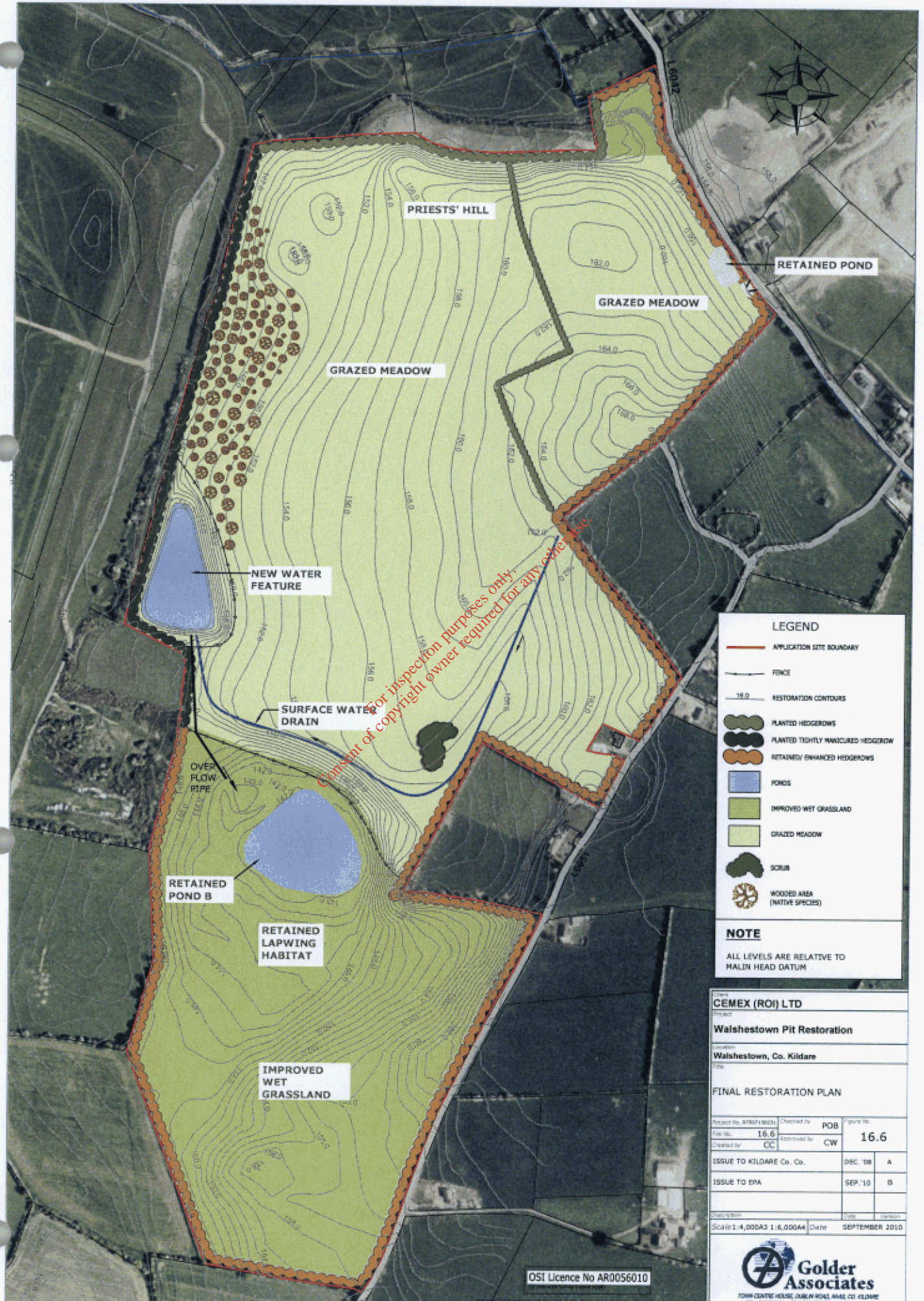
***NOTE:**
TIMING OF RESTORATION FILLING IS STRICTLY DEPENDANT ON THE AVAILABILITY OF INERT FILL MATERIALS

CEMEX (ROI) LTD
Walshestown Pit Restoration
Walshestown, Co. Kildare

CONCEPTUAL RESTORATION FILLING PLAN

Project No. 07081100021	Checked By	Figure No.
16.5	16.5	16.5
Created by	Approved by	
CC	CW	
ISSUE TO KILMORE Co. Co.	DEC '08	A
ISSUE TO EPA	SEP '10	B
Issue No.	Date	Version
Scale	N.T.S	Issue
		SEPTEMBER 2010

Goldier Associates
2000 CENTRE ROAD, DUBLIN 18, IRELAND
TEL: 01 274 2441 • FAX: 01 274 2007 • www.goldier.com



LEGEND

- APPLICATION SITE BOUNDARY
- FENCE
- 18.0 RESTORATION CONTOURS
- PLANTED HEDGEROWS
- PLANTED TIGHTLY MANICURED HEDGEROW
- RETAINED/ ENHANCED HEDGEROWS
- PONDS
- IMPROVED WET GRASSLAND
- GRAZED MEADOW
- SCRUB
- WOODED AREA (NATIVE SPECIES)

NOTE

ALL LEVELS ARE RELATIVE TO MALIN HEAD DATUM

Client CEMEX (ROI) LTD			
Project Walshestown Pit Restoration			
Location Walshestown, Co. Kildare			
Title FINAL RESTORATION PLAN			
Project No. 8190719023	Checked by	POB	Figure No.
File no. 16.6	Approved by	CW	16.6
Created by	CC		
ISSUE TO KILDARE Co. Co.		DEC '08	A
ISSUE TO EPA		SEP '10	B
Description	Date	Version	
Scale 1:4,000A3 1:6,000A4	Date	SEPTEMBER 2010	

OST Licence No AR0056010

