TABLES

Table 1 Summary of Solid Data a) "Main Development Site"

Determinand	No. of samples	Min.	Max.	Mean	Comparitor	No. > comparitor	% > comparitor
Arsenic	92	17	1484	92	20 (CLEA SGV - residential)	88	96
					500 (CLEA SGV - commercial)	2	2
Cadmium	92	0.1	5.5	0.9	8 (CLEA SGV - residential)	0	0
					1400 (CLEA SGV - commercial)	0	0
Chromium	92	6	63	25	130 (CLEA SGV - residential)	0	0
					5000 (CLEA SGV - commercial)	0	0
Lead	92	9	2175	181	450 (CLEA SGV - residential)	29	32
					750 (CLEA SGV - commercial)	8	9
Mercury	92	<0.01	18	1.2	8 (CLEA SGV - residential)	3	3
					480 (CLEA SGV - commercial)	0	0
Boron (water sol.)	92	4	96	42	3 (Environment Agency LTC)	92	100
Copper	92	7	625	94	130 (AERC RAV)	21	23
Nickel	92	7	366	50	50 (CLEA SGV - residential)	27	29
					5000 (CLEA SGV - commercial)	0	0
Zinc	92	22	2750	451	300 (AERC RAV)	42	46
Phenols	92	<0.5	<0.5	<0.5	5 (AERC RAV)	0	0
TPH	92	29	2193	449	500 (AERC lower RAV)	26	28
					5000 (Netherlands intervention value)	0	0
PAH	92	1	145	37	50 (AERC lower RAV)	26	28
					1000 (AERC upper RAV)	0	0
Benzo(a)pyrene	68	<0.3	13		37 (CLEA SGV – commercial)	0	0
Benzene	46	<0.002	0.011		1 (NIV)	0	0
Toluene	46	<0.002	0.028		130 (NIV)	0	0
Ethyl benzene	46	<0.002	0.004		50 (NIV)	0	0
Xylene	46	<0.002	0.004		25 (NIV)	0	0
Trichloroethane	46	<0.006	<0.006	<0.006			
Trichloroethene	46	<0.0015	0.01		60 (NIV)	0	0
Tetrachloroethene	46	<0.006	0.001		4 (NIV)	0	0
Water sol. Sulphate (g/l)	92	0.11	2.98	0.9	1.2 (BRE SP1)	34	37
Sulphide	92	1	503	46	250 (AERC RAV)	6	7
Asbestos (%)	32	ND	0.01-2	-	No detectable fibres	1	3
pH (units)	92	6.9	10.5	8.3			

All values reported as $\mu g l^{-1}$ unless stated

Table 1 Summary of Solid Data b) Hand augered samples

Determinand	No. of samples	Min.	Max.	Mean	Comparitor	No. > comparitor	% > comparitor
Arsenic	3	152	175	161	20 (CLEA SGV - residential)	3	100
					500 (CLEA SGV - commercial)	0	0
Cadmium	3	0.43	0.64	0.57	8 (CLEA SGV - residential)	0	0
					1400 (CLEA SGV - commercial)	0	0
Chromium	3	15	23	19	130 (CLEA SGV - residential)	0	0
					5000 (CLEA SGV - commercial)	0	0
Lead	3	249	863	464	450 (CLEA SGV - residential)	1	33
					750 (CLEA SGV - commercial)	1	33
Mercury	3	0.29	0.58	0.41	8 (CLEA SGV - residential)	0	0
					480 (CLEA SGV - commercial)	0	0
Boron (water sol.)	3	15	37	29	3 (Environment Agency LTC)	3	100
Copper	3	53	139	100	130 (AERC RAV)	1	33
Nickel	3	49	80	63	50 (CLEA SGV - residential)	2	67
					5000 (CLEA SGV - commercial)	0	0
Zinc	3	169	398	270	300 (AERC RAV)	1	33
Phenols	3	<0.5	<0.5	<0.5	5 (AERC RAV)	0	0
TPH	3	737	1111	936	500 (AERC lower RAV)	3	100
					5000 (Netherlands intervention value)	0	0
PAH	3	32	73	49	50 (AERC lower RAV)	26	28
					1000 (AERC upper RAV)	0	0
Benzo(a)pyrene	3	0	7.4	4	37 (CLEA SGV – commercial)	0	0
Water sol. Sulphate (g/l)	3	0.08	0.86	0.35	1.2 (BRE SP1)	0	0
Sulphide	3	3	6	4	250 (AERC RAV)	0	0
pH (units)	3	7.7	8.2	7.9			

All values reported as $\mu g l^{-1}$ unless stated

Table 2 Summary of Groundwater Data a) (1st sampling occasion)

Determinand	No. of Samples	Min.	Max.	Mean	Comparitor		No. > comparitor	% > comparitor
Arsenic	9	2	2286	362	10	(DWS)	4	44
					25	(EQS SW)	4	44
					50	(EQS FW)	3	33
					60	(NIV)	3	33
Cadmium	9	<1	<1	<1	5	(DWS)	0	0
					2.5	(EQS SW)	0	0
					5	(EQS FW)	0	0
					6	(NIV)	0	0
Chromium	9	<7	<7	<7	50	(DWS)	0	0
					15	(EQS SW)	0	0
					5 – 250	(EQS FW)	0	0
					30	(NIV)	0	0
Lead	9	<7	<7	<7	10	(DWS)	0	0
					25	(EQS SW)	0	0
					4 - 250	(EQS FW)	0	0
					75	(NIV)	0	0
Mercury	9	<0.2	<0.2	<0.2	1	(DWS)	0	0
					0.3	(EQS SW)	0	0
					1	(EQS FW)	0	0
					0.3	(NIV)	0	0
Boron (water sol.)mg/l	9	13	15	14	1	(DWS)	9	100
					7	(EQS SW)	9	100
					2	(EQS FW)	9	100
Copper	9	<7	<7	<7	2000	(DWS)	0	0
					5	(EQS SW)		
					1 - 28	(EQS FW)		

All values reported as $\mu g l^{-1}$ unless stated

Table 2 Summary of Groundwater Data a) (1st sampling occasion) (continued)

Determinand	No. of samples	Min.	Max.	Mean	Comparitor		No. > comparitor	% > comparitor
Nickel	9	<7	66	25	20	(DWS)	3	33
					30	(EQS SW)	3	33
					50 – 200	(EQS FW)	1/0	11/0
					75	(NIV)	0	0
Zinc	9	<13	20	14	5000	(DWS)	0	0
					8 - 500	(EQS FW)		
					800	(NIV)	0	0
TPH	9	18	412	138	10	(DWS)	9	100
					600	(NIV)	0	0
PAH								
TOC (mg/l)	9	8	60	19				
Benzo(a)pyrene								
Benzene	9	<2	<2	<2	1	(DWS)	0	0
					30	(EQS SW/FW)	0	0
Toluene	9	<10	<10	<10	40	(EQS SW)	0	0
					50	(EQS FW)	0	0
Ethyl benzene	9	<2	<2	<2	150	(NIV)	0	0
Xylene	9	<2	<2	<2	30	(EQS SW/FW)	0	0
Trichloroethane	9	<2	<2	<2	100	(EQS SW/FW)	0	0
Trichloroethene	9	<5	<5	<5	10	(DWS)	0	0
					10	(EQS SW/FW)	0	0
Tetrachloroethene	9	<2	<2	<2	10	(DWS)	0	0
					10	(EQS SW/FW)	0	0
Water sol. Sulphate mg/l	9	387	1545	843	250	(DWS)	9	100
					250	(EQS SW)	9	100
					400	(EQS FW)	7	78
Sulphide	9	0.2	0.8	0.3	0.25	(EQS FW)	3	33

All values reported as $\mu g l^{-1}$ unless stated

Table 2 Summary of Groundwater Data b) (2nd sampling occasion)

Determinand	No. of samples	Min.	Max.	Mean	Comparitor		No. > comparitor	% > comparitor
Arsenic	12	2.5	1495	251	10	(DWS)	5	42
					25	(EQS SW)	4	33
					50	(EQS FW)	3	25
					60	(NIV)	3	25
Cadmium	12	<1	<1	<1	5	(DWS)	0	0
					2.5	(EQS SW)	0	0
					5	(EQS FW)	0	0
					6	(NIV)	0	0
Chromium	12	<7	<7	<7	50	(DWS)	0	0
					15	(EQS SW)	0	0
					5 – 250	(EQS FW)	0	0
					30	(NIV)	0	0
Lead	12	<7	9	<7	10	(DWS)	0	0
					25	(EQS SW)	0	0
					4 - 250	(EQS FW)	0	0
					75	(NIV)	0	0
Mercury	12	<0.2	<0.2	<0.2	1	(DWS)	0	0
					0.3	(EQS SW)	0	0
					1	(EQS FW)	0	0
					0.3	(NIV)	0	0
Boron (water sol.)mg/l	12	0.4	15	11	1	(DWS)	10	83
					7	(EQS SW)	9	100
					2	(EQS FW)	10	83
Copper	12	<7	10	<7	2000	(DWS)	0	0
					5	(EQS SW)		
					1 - 28	(EQS FW)		

All values reported as $mgkg^{-1}$ unless stated

Table 2 Summary of Groundwater Data b) (2nd sampling occasion) (continued)

Determinand	No. of samples	Min.	Max.	Mean	Comparitor		No. > comparitor	% > comparitor
Nickel	12	<7	51	20	20	(DWS)	4	33
					30	(EQS SW)	2	17
					50 – 200	(EQS FW)	1/0	8/0
					75	(NIV)	0	0
Zinc	12	<13	15	<13	5000	(DWS)	0	0
					8 - 500	(EQS FW)		
					800	(NIV)	0	0
TPH	12	<10	671	146	10	(DWS)	4	33
					600	(NIV)	1	8
PAH	12	<0.05	0.28	0.09	0.1	(DWS)	3	25
TOC (mg/l)	12	9.3	28.2	16				
Benzo(a)pyrene	12	<0.05	<0.05	<0.05	0.01	(DWS)		
Water sol. Sulphate mg/l	12	9	2100	579	250	(DWS)	8	67
					250	(EQS SW)	8	67
					400	(EQS FW)	7	58
Sulphide	12	0.2	0.6	0.33	0.25	(EQS FW)	6	50

All values reported as $mgkg^{-1}$ unless stated

Table 3 Summary of Surface Water Data

Determinand	No. of samples	Min.	Max.	Mean	Comparitor		No. > comparitor	% > comparitor
Arsenic	3	79	1051	439	10	(DWS)	3	100
					25	(EQS SW)	3	100
					50	(EQS FW)	3	100
					60	(NIV)	3	100
Cadmium	3	<1	<1	<1	5	(DWS)	0	0
					2.5	(EQS SW)	0	0
					5	(EQS FW)	0	0
					6	(NIV)	0	0
Chromium	3	<7	<7	<7	50	(DWS)	0	0
					15	(EQS SW)	0	0
					5 – 250	(EQS FW)	0	0
					30	(NIV)	0	0
Lead	3	<7	<7	<7	10	(DWS)	0	0
					25	(EQS SW)	0	0
					4 - 250	(EQS FW)	0	0
					75	(NIV)	0	0
Mercury	3	<0.2	<0.2	<0.2	1	(DWS)	0	0
					0.3	(EQS SW)	0	0
					1	(EQS FW)	0	0
					0.3	(NIV)	0	0
Boron (water sol.)mg/l	3	11	15	13	1	(DWS)	3	100
					7	(EQS SW)	3	100
					2	(EQS FW)	3	100
Copper	3	<7	<7	<7	2000	(DWS)	0	0
					5	(EQS SW)		
					1 – 28	(EQS SW)		

All values reported as $\mu g l^{-1}$ unless stated

Table 3 Summary of Surface Water Data (Continued)

Determinand	No. of samples	Min.	Max.	Mean	Comparitor		No. > comparitor	% > comparitor
Nickel	3	<7	14	9	20	(DWS)	0	0
					30	(EQS SW)	0	0
					50 – 200	(EQS FW)	0	0
					75	(NIV)	0	0
Zinc	3	<13	<13	<13	5000	(DWS)	0	0
					8 - 500	(EQS FW)		
					800	(NIV)	0	0
TPH	3	<10	205	92	10	(DWS)	2	67
					600	(NIV)	0	0
PAH								
TOC (mg/l)	3	1	40	17				
Benzo(a)pyrene								
Benzene	3	<2	<2	<2	1	(DWS)	0	0
					30	(EQS SW/FW)	0	0
Toluene	3	<10	<10	<10	40	(EQS SW)	0	0
					50	(EQS FW)	0	0
Ethyl benzene	3	<2	<2	<2	150	(NIV)	0	0
Xylene	3	<2	<2	<2	30	(EQS SW/FW)	0	0
Trichloroethane	3	<10	<10	<10	100	(EQS SW/FW)	0	0
Trichloroethene	3	<5	<5	<5	10	(DWS)	0	0
					10	(EQS SW/FW)	0	0
Tetrachloroethene	3	<2	<2	<2	10	(DWS)	0	0
					10	(EQS SW/FW)	0	0
Water sol. sulphate mg/l	3	33	356	192	250	(DWS)	1	33
					250	(EQS SW)	1	33
					400	(EQS FW)	0	0
Sulphide	3	0.2	0.4	0.3	0.25	(EQS FW)	1	33

All values reported as $\mu g l^{-1}$ unless stated

Table 4 Leaching Test Data: Concentration in Soil and Leachate

	TP1		TP1		TP2		TP3		TP3		TP8		TP9		TP20		TP21		TP25	
Depth	**0.4m**		**0.9m**		**0.35m**		**0.2m**		**1.2m**		**0.4m**		**0.95m**		**0.4m**		**0.3m**		**1.0m**	
Determinand																				
	Tot*	L**	Tot	L	Tot	L	Tot	L	Tot	L	Tot	L	Tot	L	Tot	L	Tot	L	Tot	L
Arsenic			52	45	1474	655	59	151	246	24	1484	50	181	27	182	35	60	75	54	31
Cadmium			0.54	<1	0.71	<1	0.3	<1	4.6	<1	0.95	<1	1.16	<1	1.48	<1	1.43	<1	3.85	<1
Lead			238	<7	161	<7	258	<7	1175	<7	1638	<7	738	<7	363	<7	588	<7	600	<7
Mercury			5	<0.2			1.71	<0.2			18	<0.2	4.43	<0.2						
Copper			54	<7	56	<7	108	<7	363	<7	244	<7	247	<7	107	<7	119	<7	141	<7
Nickel			24	<7	28	<7	64	<7	366	<7	79	<7	34	<7	58	<7	54	<7	124	<7
Zinc			438	<13	394	<13	265	<13	1200	<13	725	575	469	<13	956	<13	1050	<13	2750	<13
Sulphide											448	0.2	372	0.2						
TPH	2150	951																		

* Tot = Concentration in soil $mgkg^{-1}$

**L = Concentration in leachate μgl^{-1}

Table 4 Leaching Test Data: Concentration in Soil and Leachate (Continued)

	TP26		BH1		BH5		TP23		TP31		TP42		TP42		BH6		BH7	
Depth	**1.0m**		**0.5m**		**0.3m**		**0.3m**		**0.8m**		**0.35m**		**0.5m**		**1.0m**		**0.4m**	
Determinand																		
	Tot	L	Tot	L	Tot	L	Tot	L	Tot	L	Tot	L	Tot	L	Tot	L	Tot	L
Arsenic	25	8.6	65	3			26	2.8	51	9			29	23	73	1.8	57	181
Cadmium	0.11	<1	5.5	<1			0.46	<1	2.13	<1			0.85	<1	0.09	<1	2.03	<1
Lead	50	<7	313	<7			538	<7	463	<7			750	<7	193	<7	488	<7
Mercury							1.19	<0.2										
Copper	21	<7	625	<7			72	<07	228	<7			66	<7	53	<7	106	<7
Nickel	39	<7	34	<7			50	<7	108	<7			48	<7	41	<7	71	<7
Zinc	119	<13	988	100			400	30	2000	80			2400	30	313	30	850	<13
Sulphide	503	0.2					461	0.2										
TPH					1541	1326					1018	482	1169	3312			1496	581
PAH					111	1.96					136	<0.05	112	1.29			114	10.7
Benzo(a)pyrene					1.9	0.05					517	<0.05	11	<0.05			5.1	0.10

APPENDICES

APPENDIX A
Sources of Information

APPENDIX 1
Sources of Information

Guidance

- DEFRA/Environment Agency: *CLR10 - The Contaminated Land Assessment Model (CLEA). Technical Bases and Algorithms.* 2002.
- Department of the Environment: *Contaminated Land Research Report 2, Guidance on Preliminary Site Inspection of Contaminated Land.* (Two volumes), DoE, London, 1994.
- Environment Agency: *Guidance for the Disposal of Contaminated Soils.* Version 3, April 2001.
- Nathanail J, Bardos P and Nathanail P: *Contaminated Land Management: Ready Reference.* Land Quality Press, EPP Publications, June 2000.
- Environment Agency: *R&D Publication 20. Methodology for the Derivation of Remedial Targets for Soil and Groundwater to Protect Water Resources.* 1999.

The Site and Contaminative Uses

- British Geological Survey: 1:50,000 Series. Dartford, Sheet 271. Drift Edition.
- British Geological Survey: 1:50,000 Series. Romford, Sheet 257. Drift Edition.
- Environment Agency: Policy and Practice for the Protection of Groundwater. Groundwater Vulnerability 1:100,000 Map Series. Sheet 40, Thames Estuary.
- Environment Agency: Policy and Practice for the Protection of Groundwater. Regional Appendix - Thames Region.
- Environment Agency Web Site: "What's in your Backyard" (www.environment-agency.gov.uk)
- Sitescope environmental database (www.sitescope.co.uk)

Previous Site Investigations

- Site Investigation Report at Norman Road, Belvedere: prepared for Greenham Construction Materials Ltd. by Terresearch Foundation Engineers, 1989.
- Report on Site Investigation at Waste to Energy Incineration Plant, Belvedere: prepared for CEL by Wilkinson Associates, October 1992 (Ref. 87-01-01)
- Report on Contamination Investigation at Chitty Site, Waste to Energy Incineration Plant, Belvedere: prepared for CEL by Wilkinson Associates, December 1992 (Ref. 87-01-03)

- Report on Contamination Investigation at Greenham Site, Waste to Energy Incineration Plant, Belvedere: prepared for CEL by Wilkinson Associates, December 1992 (Ref. 87-01-02)

- Environmental Assessment of Thameside Energy from Waste Power Station - Geology, Hydrogeology and Ground Contamination: prepared for PowerGen CHP Ltd by Environmental Resources Management, May 1995

- Borax Europe Ltd. Former Waste Heaps Site Remediation, Belvedere, Kent. Method Statement. Knight Piesold Ltd., January 2000

- Borax Europe Ltd. Former Waste Heaps Site Remediation, Belvedere, Kent. Construction Completion Report. Knight Piesold Ltd., August 2001.

Supporting Documentation

- Consolidated Environmental Statement, June 2002

APPENDIX B
Maps and Plans

Based on the Ordnance Survey 1: 10 000 map with the permission of the Controller of Her Majesty's Stationery Office
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Rev.	Description	Date/File Ref.
-	Based upon scanned OS map	A] R1384_01.CDR 18/09/03

Project

RRR FACILITY, NORMAN ROAD, BELVEDERE

Title

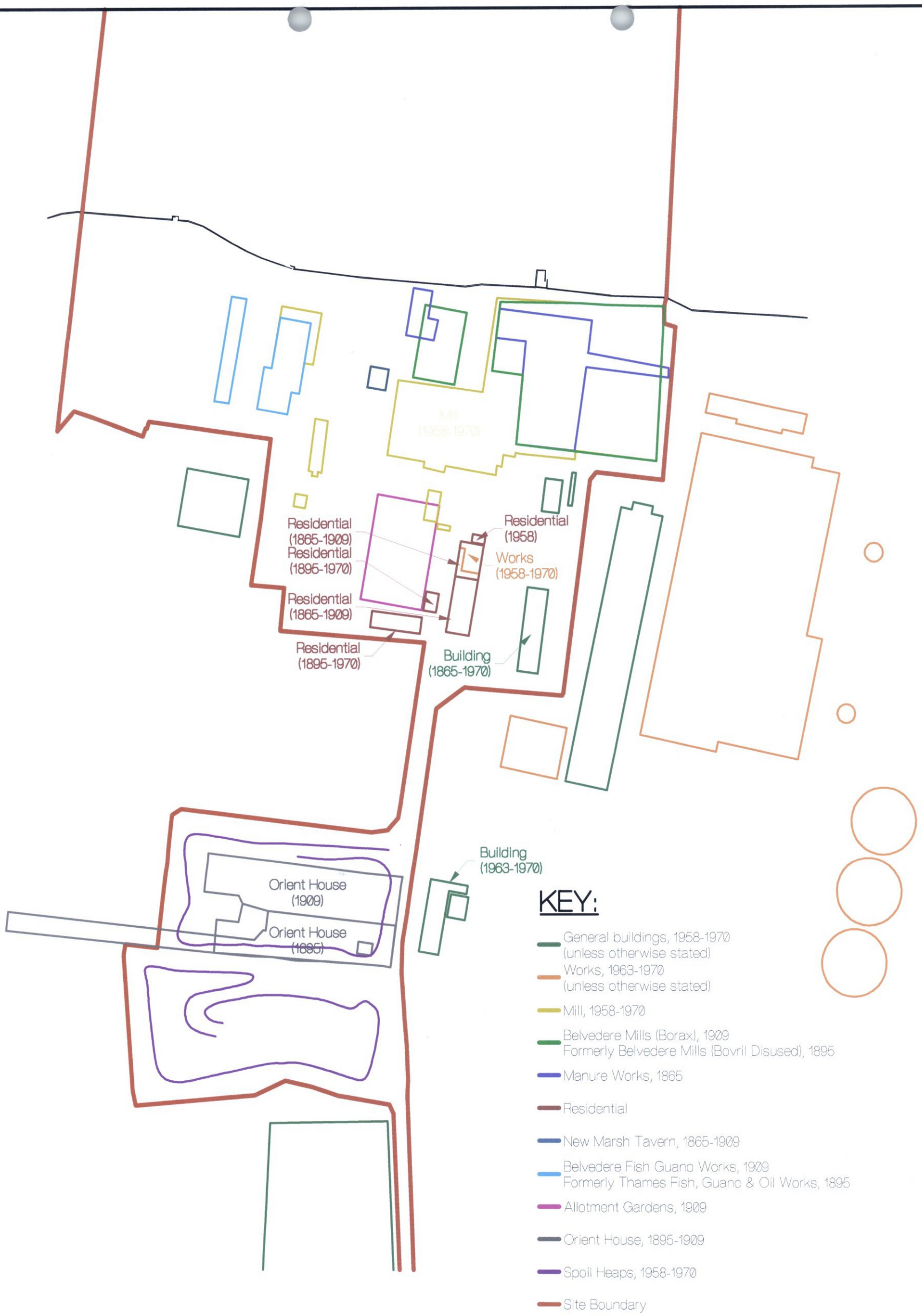
Site Location Plan

Applied Environmental Research Centre Ltd
AERC
Tey Grove, Elm Lane, Feering, Colchester, Essex. CO5 9ES
Telephone: 01376 572582
Facsimile: 01376 572700
www.aerc.co.uk
E-mail :aerc@aerc.co.uk

Scale	Date
1: 50 000	September 2003

Drawn	Checked	Approved
ARH		SG

Drawing Number	Revision	
C3477/R1384/01	-	A4 210X297



Project

RRR Facility, Norman Road, Belvedere

Title

Historical Map

Rev.	Description	Date/File Ref.
-	Based upon digital data supplied by the customer	A] R1384_02.FCW 18/09/03

AERC

Applied Environmental Research Centre Ltd
Tey Grove, Elm Lane, Feering,
Colchester, Essex. CO5 9ES
Telephone : 01376 572582
Facsimile : 01376 572700
www.aerc.co.uk
E-mail : aerc@aerc.co.uk

Scale	Date
1: 2500	September 2003

Drawn	Checked	Approved
ARH		

Drawing Number	Revision	
C3477/R1384/02	-	A3 297 x 420

LEGEND

N

- APPLICATION SITE BOUNDARY
- ADDITIONAL LAND UNDER CONTROL OF THE APPLICANT
- EXISITNG FLOWER RICH GRASSLAND
- PROPOSED TREE AND UNDERSTOREY SHRUB PLANTING (Mix of feathers and transplants to 1.8m in height)
- PROPOSED GROUPS OF STANDARD & FEATHERED TREES (1.8-3.0m IN HEIGHT)
- PROPOSED HEDGEROW PLANTING
- PROPOSED HEDGEROW & SCRUB PLANTING OF VARYING WIDTH WITH SHELTER BAYS
- PROPOSED SECURITY FENCING (2.5 METRES HIGH)
- NOISE ATTENUATION FENCING
- MOSAIC OF SHRUB, GRASSLAND & SWAMP HABITAT
- EXISTING PUBLIC RIGHT OF WAY/ CONCRETE TRACK
- EXISTING BANK
- PROPOSED MOUNDING
- PROPOSED SHINGLE AND PEBBLE HABITATS
- PROPOSED NATURAL COLONISATION OF FLOWER RICH GRASSLAND
- MOSAIC OF SWAMP/GRASSLAND HABITAT
- PROPOSED AMENITY GRASSLAND AREAS
- PROPOSED DRAINAGE DITCH
- POTENTIAL ROUTE FOR BRIDGED CONNECTION
- EXISTING DRAINAGE DITCH

1. LAND BRIDGEBRIDGE
2. WASTE RECEPTION HALL
3. WASTE STORAGE BUNKER
4. CRANE PARK INCLUDING MAINTENANCE HATCHWAY & OVERSIZE WASTE TRANSFER FACILITY
5. ADMIN/AMENITIES (BELOW WASTE RECEPTION HALL)
6. BOILER HOUSE
7. DRIVE THROUGH ASH LOAD-OUT
8. TURBINE HOUSE
9. AIR COOLED CONDENSERS
10. APC REACTOR
11. BAG FILTER HOUSE
12. LIME STORAGE SILO & SLURRY PREPARATION
13. CARBON SILOS
14. FLY-ASH SILOS
15. I.D. FAN
16. STACK
17. DEMS BUILDING
18. WORKSHOP & STORES (BELOW WASTE RECEPTION HALL)
19. COMPRESSOR HOUSE (BELOW WASTE RECEPTION HALL)
20. TRANSFORMERS
21. MAIN TRANSFORMERS
22. SWITCHYARD
23. STAND-ALONE DIESEL GENERATOR
24. FUEL OIL TANK & PUMPS
25. AUX. WATER COOLER
26. CONDENSATE TANK
27. DE-NOX EQUIPMENT
28. FIRE WATER TANK
29. HYDRATED LIME SILOS
30. VISITORS CAR PARK (40 SPACES)
31. STAFF CAR PARK (40 SPACES)
32. ASH CONTAINER STORAGE AREA
33. ASH BUNKER
34. GATE HOUSE
35. JETTY
36. JETTY BIOGHBRIDGES

Rev.	Description	Date/File Ref.
-	Based on scanned data supplied by customer	A] R1384_03.CDR 17/09/03

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Tey Grove, Elm Lane, Feering, Colchester, Essex. CO5 9ES
www.aerc.co.uk

Telephone : 01376 572582 Facsimile : 01376 572700 E-mail : aerc@aerc.co.uk

Project

RRR Facility, Norman Road, Belvedere

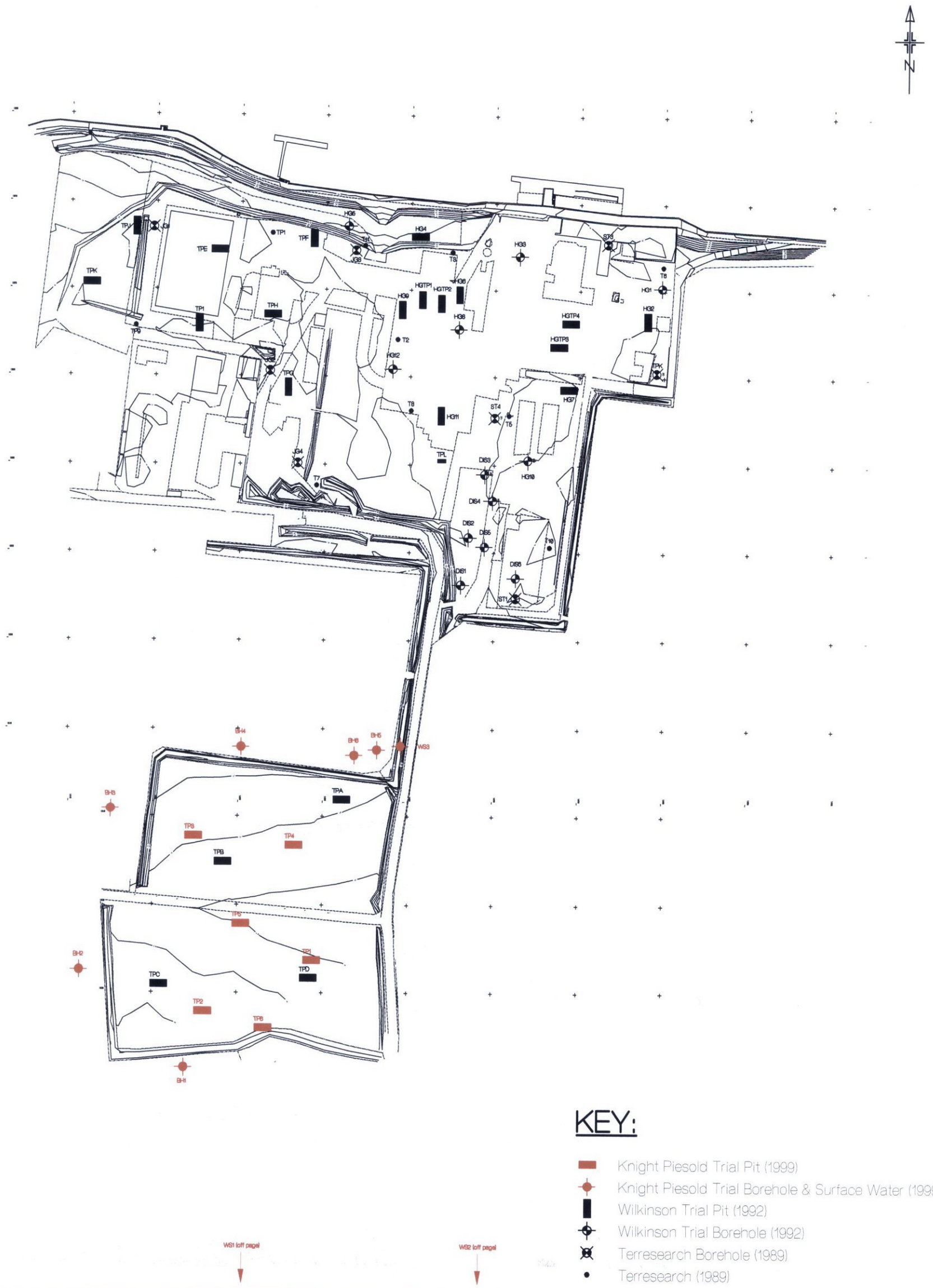
Title

Proposed Installation Map

Scale	Date
1: 2000	September 2003

Drawn	Checked	Approved
ARH		

Drawing Number	Revision	
C3477/R1384/03	-	A3 297 x 420



KEY:

- Knight Piesold Trial Pit (1999)
- Knight Piesold Trial Borehole & Surface Water (1999)
- Wilkinson Trial Pit (1992)
- Wilkinson Trial Borehole (1992)
- Terresearch Borehole (1989)
- Terresearch (1989)

Project

RRR Facility, Norman Road, Belvedere

Title

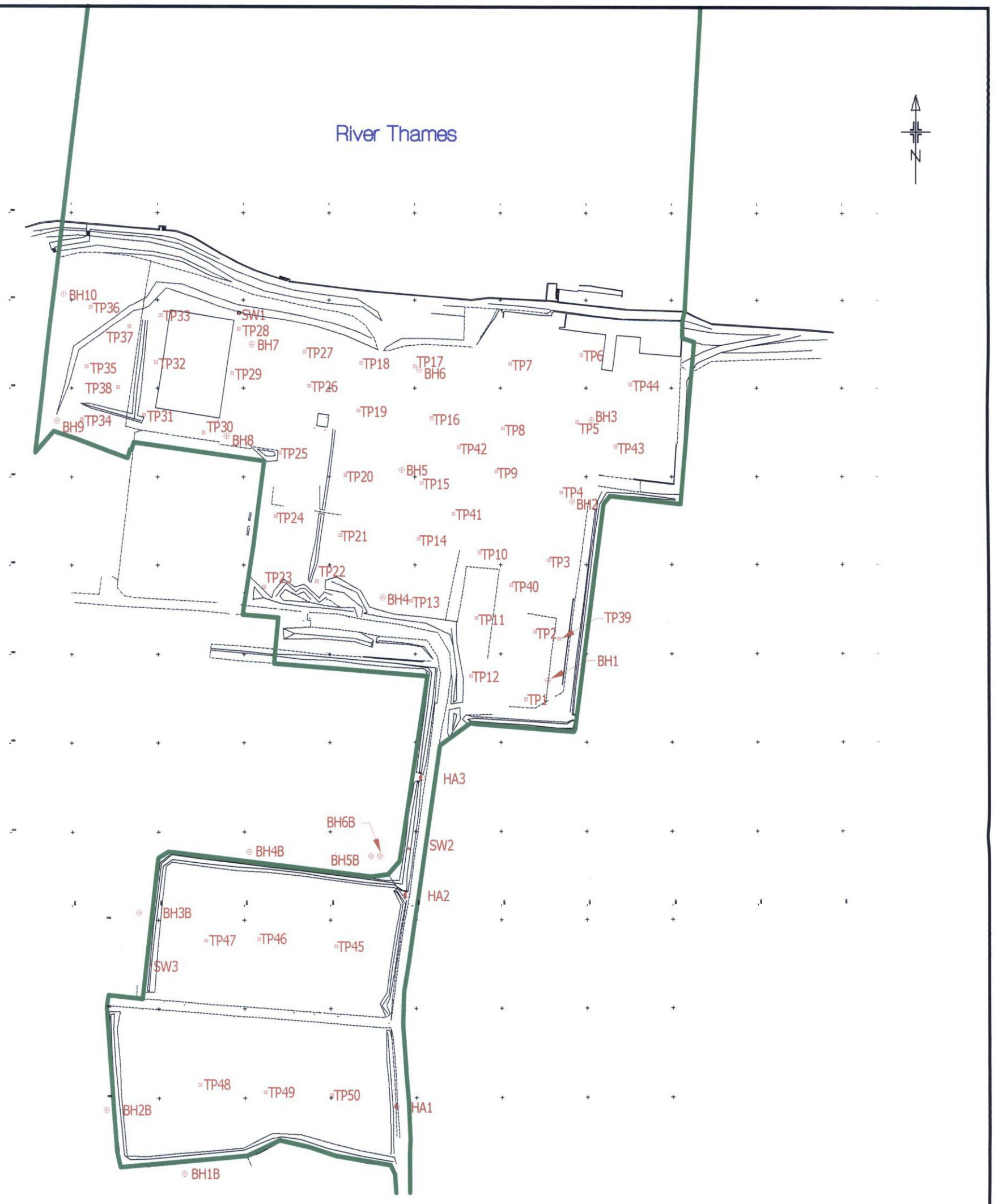
Previous Sampling Location Plan

Rev.	Description	Date/File Ref.
-	Based upon AERC Drawing Number C3474/R1351/03 (28/05/03)	A] R1384_04 FCW 19/09/03

AERC

Applied Environmental Research Centre Ltd
Tey Grove, Elm Lane, Feering,
Colchester, Essex. CO5 9ES
Telephone : 01376 572582
Facsimile : 01376 572700
www.aerc.co.uk
E-mail : aerc@aerc.co.uk

Scale	Date	
1: 2500	September 2003	
Drawn: ARH	Checked:	Approved:
Drawing Number: C3477/R1384/04	Revision: -	A3 297 x 420



KEY:

- Surface Water Sample
- Hand Auger Hole
- Trial Pit
- Bore Hole
- Site Boundary

Project

RRR Facility, Norman Road, Belvedere

Title

Sampling Location Plan (AERC, 2003)

Rev.	Description	Date/File Ref.
-	Based upon digital data supplied by customer	A] R1384_05.FCW 16/09/03

AERC

Applied Environmental Research Centre Ltd
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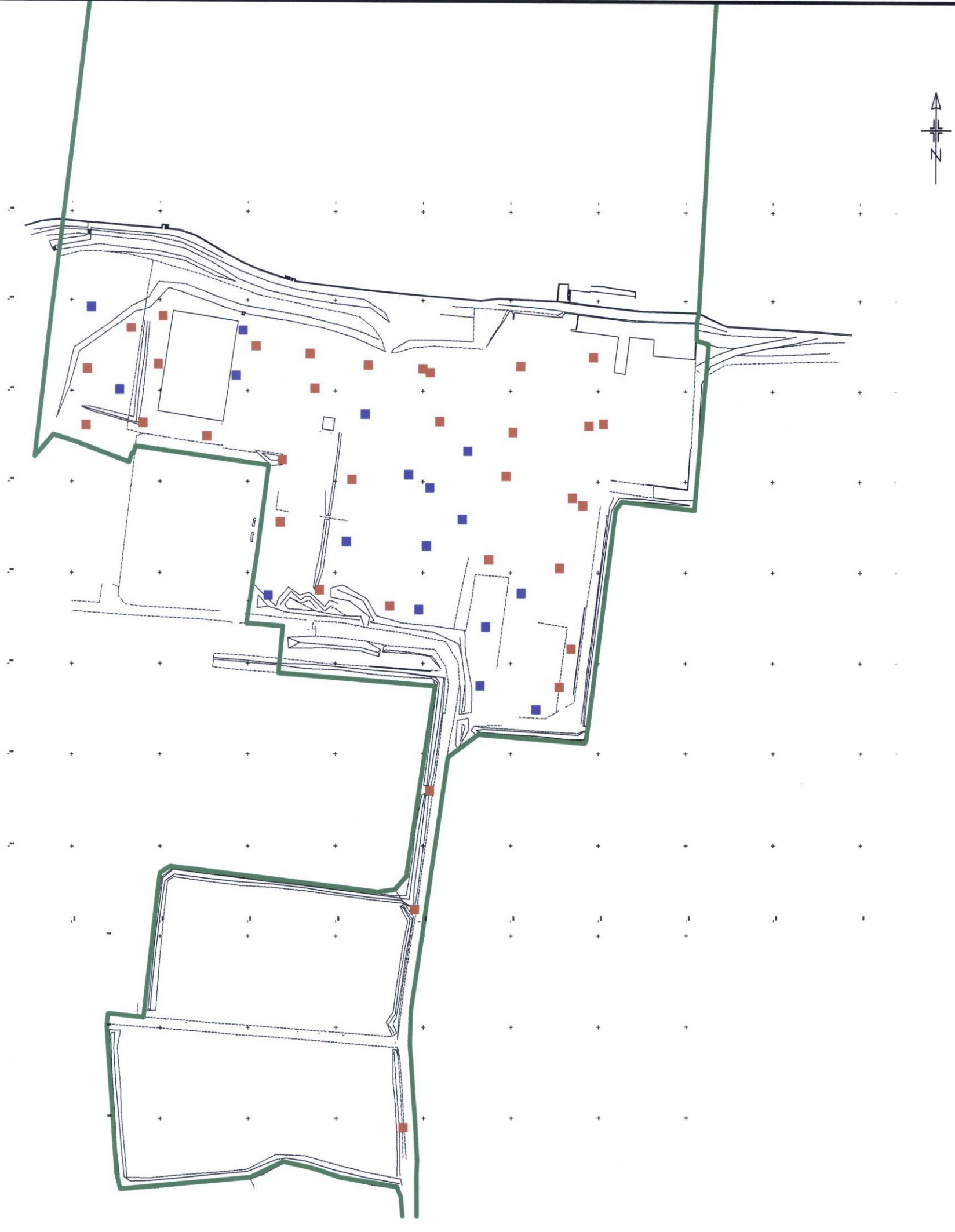
Colchester, Essex. CO5 9ES
Telephone : 01376 572582
Facsimile : 01376 572700
www.aerc.co.uk
E-mail : aerc@aerc.co.uk

Scale	Date
1: 2500	September 2003

Drawn	Checked	Approved
ARH		SG

Drawing Number	Revision	
C3477/R1384/05	-	A3 297 x 420



KEY:

- As ≤ 60 mgKg⁻¹
- As > 60 mgKg⁻¹
- Site Boundary

Project

RRR Facility, Norman Road, Belvedere

Title

Spatial Distribution of Arsenic (Solids)

Rev.	Description	Date/File Ref.
-	Based upon digital data supplied by customer	A] R1384_06 FCW 19/09/03

AERC

Applied Environmental Research Centre Ltd
Tey Grove, Elm Lane, Feering,
Colchester, Essex. CO5 9ES
Telephone : 01376 572582
Facsimile : 01376 572700
www.aerc.co.uk
E-mail : aerc@aerc.co.uk

Scale	Date
1: 2500	September 2003

Drawn	Checked	Approved
ARH		

Drawing Number	Revision	
C3477/R1384/06	-	A3 297 x 420

KEY:

- B ≤ 40 mgKg^{-1}
- B > 40 mgKg^{-1}
- Site Boundary

Project

RRR Facility, Norman Road, Belvedere

Title

Spatial Distribution of Boron (Solids)

Rev.	Description	Date/File Ref.
-	Based upon digital data supplied by customer	A] R1384_07.FCW 19/09/03

AERC

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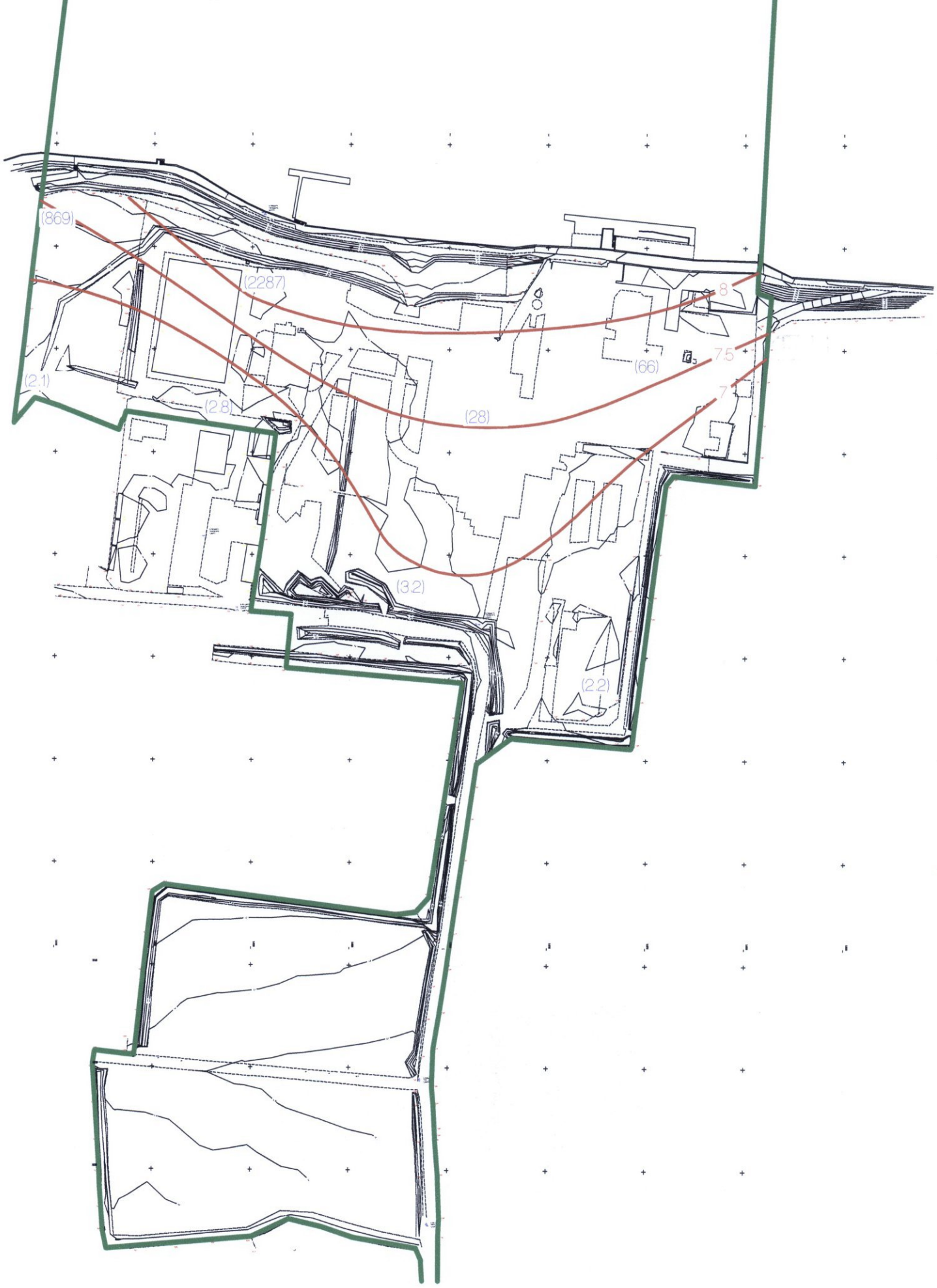
Tey Grove, Elm Lane, Feering,
Colchester, Essex. CO5 9ES
Telephone : 01376 572582
Facsimile : 01376 572700
www.aerc.co.uk
E-mail : aerc@aerc.co.uk

Scale	Date
1: 2500	September 2003

Drawn	Checked	Approved
ARH		SG

Drawing Number	Revision	
C3477/R1384/07	-	A3 297 x 420



KEY:

- pH contour (groundwater)
- ( ) Concentration of arsenic in groundwater ($\mu g l^{-1}$)
- Site Boundary

Project

RRR Facility, Norman Road, Belvedere

Title

Arsenic Distribution in Groundwater

Rev.	Description	Date/File Ref.
-	Based upon digital data supplied by customer	A] R1384_08.FCW 19/09/03

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Applied Environmental Research Centre Ltd
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Colchester, Essex. CO5 9ES
Telephone : 01376 572582
Facsimile : 01376 572700
www.aerc.co.uk
E-mail : aerc@aerc.co.uk

Scale	Date
1: 2500	September 2003

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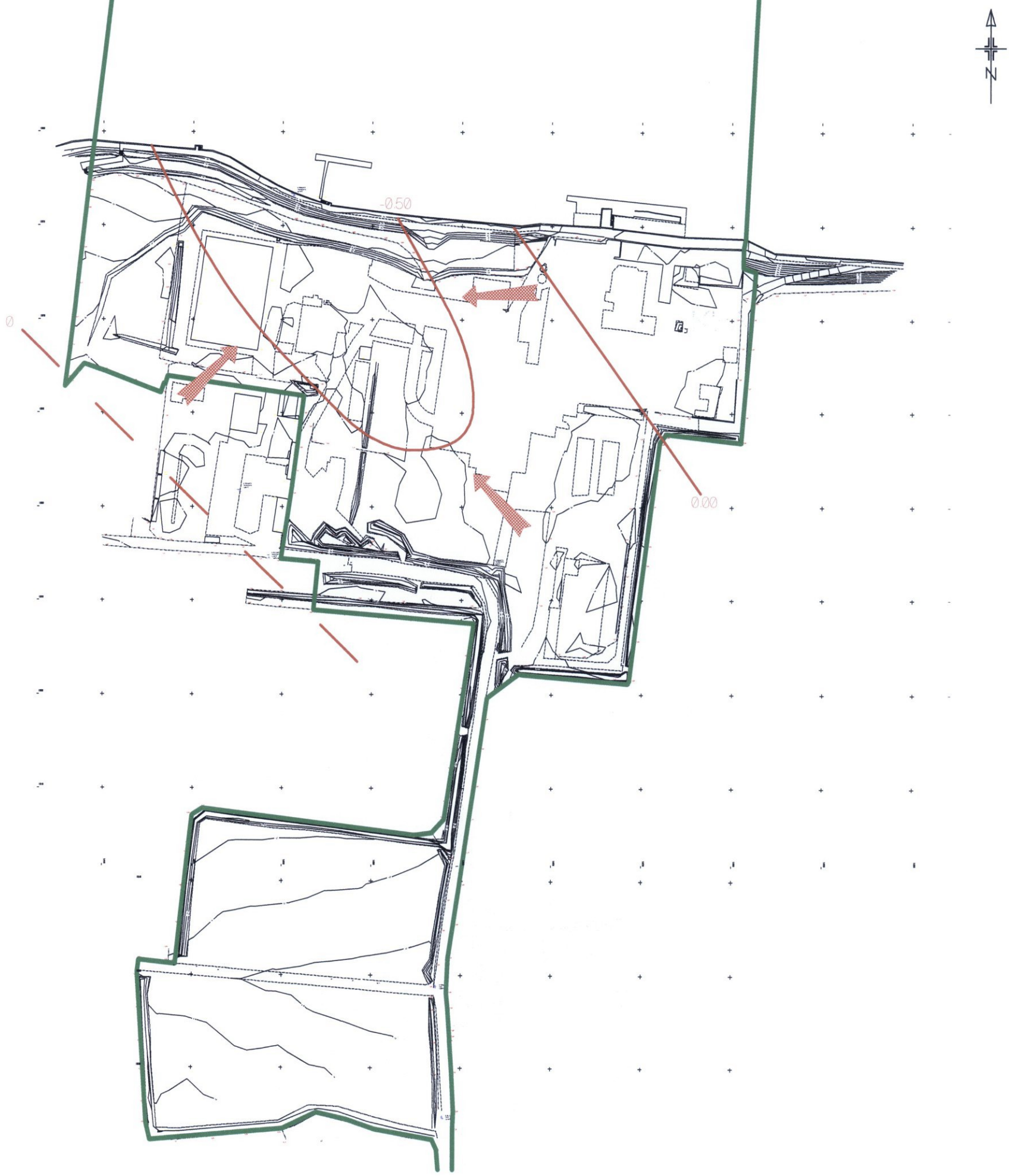
ARH		SG

Drawing Number	Revision	
C3477/R1384/08	-	A3 297 x 420



KEY:

Direction of groundwater flow

Site Boundary

N.B. Levels given are m OD

Project

RRR Facility, Norman Road, Belvedere

Title

Groundwater Contours (Low Tide)

Rev.	Description	Date/File Ref.
-	Based upon digital data supplied by customer	A] R1384_09A.FCW 19/09/03

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Applied Environmental Research Centre Ltd

Tey Grove, Elm Lane, Feering,
Colchester, Essex. CO5 9ES
Telephone : 01376 572582
Facsimile : 01376 572700
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Scale	Date
1: 2500	September 2003

Drawn	Checked	Approved
ARH		

Drawing Number	Revision	
C3477/R1384/09A	-	A3 297 x 420

KEY:

Direction of groundwater flow

Site Boundary

N.B. Levels given are m OD

Project

RRR Facility, Norman Road, Belvedere

Title

Groundwater Contours (High Tide)

Rev.	Description	Date/File Ref.
-	Based upon digital data supplied by customer	A] R1384_09B.FCW 19/09/03

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Applied Environmental Research Centre Ltd

Tey Grove, Elm Lane, Feering,
Colchester, Essex. CO5 9ES
Telephone : 01376 572582
Facsimile : 01376 572700
www.aerc.co.uk
E-mail : aerc@aerc.co.uk

Scale	Date
1: 2500	September 2003

Drawn	Checked	Approved
ARH		

Drawing Number	Revision	
C3477/R1384/09B	-	A3 297 x 420

KEY:

Direction of groundwater flow for perched water within Made Ground

Site Boundary

N.B. Levels given are m OD

Project

RRR Facility, Norman Road, Belvedere

Title

Contours to Surface of Alluvium

Rev.	Description	Date/File Ref.
-	Based upon digital data supplied by customer	A] R1384_09C.FCW 19/09/03

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Applied Environmental Research Centre Ltd
Tey Grove, Elm Lane, Feering,
Colchester, Essex. CO5 9ES
Telephone : 01376 572582
Facsimile : 01376 572700
www.aerc.co.uk
E-mail : aerc@aerc.co.uk

Scale	Date
1: 2500	September 2003

Drawn	Checked	Approved
ARH		

Drawing Number	Revision	
C3477/R1384/09C	-	A3 297 x 420

KEY:

- Surface Water Sample
- Hand Auger Hole
- Trial Pit
- Bore Hole
- Site Boundary

Project

RRR Facility, Norman Road, Belvedere

Title

Combined proposed installation plan & sampling location plan

Rev.	Description	Date/File Ref.
-	Based upon digital data supplied by	A] R1384_11.FCW 22/09/03

AERC

Applied Environmental Research Centre Ltd
Tey Grove, Elm Lane, Feering,
Colchester, Essex. CO5 9ES
Telephone : 01376 572582
Facsimile : 01376 572700
www.aerc.co.uk
E-mail : aerc@aerc.co.uk

Scale	Date
1: 2500	September 2003

Drawn	Checked	Approved
ARH		SG.

Drawing Number	Revision	
C3477/R1384/11	-	A3