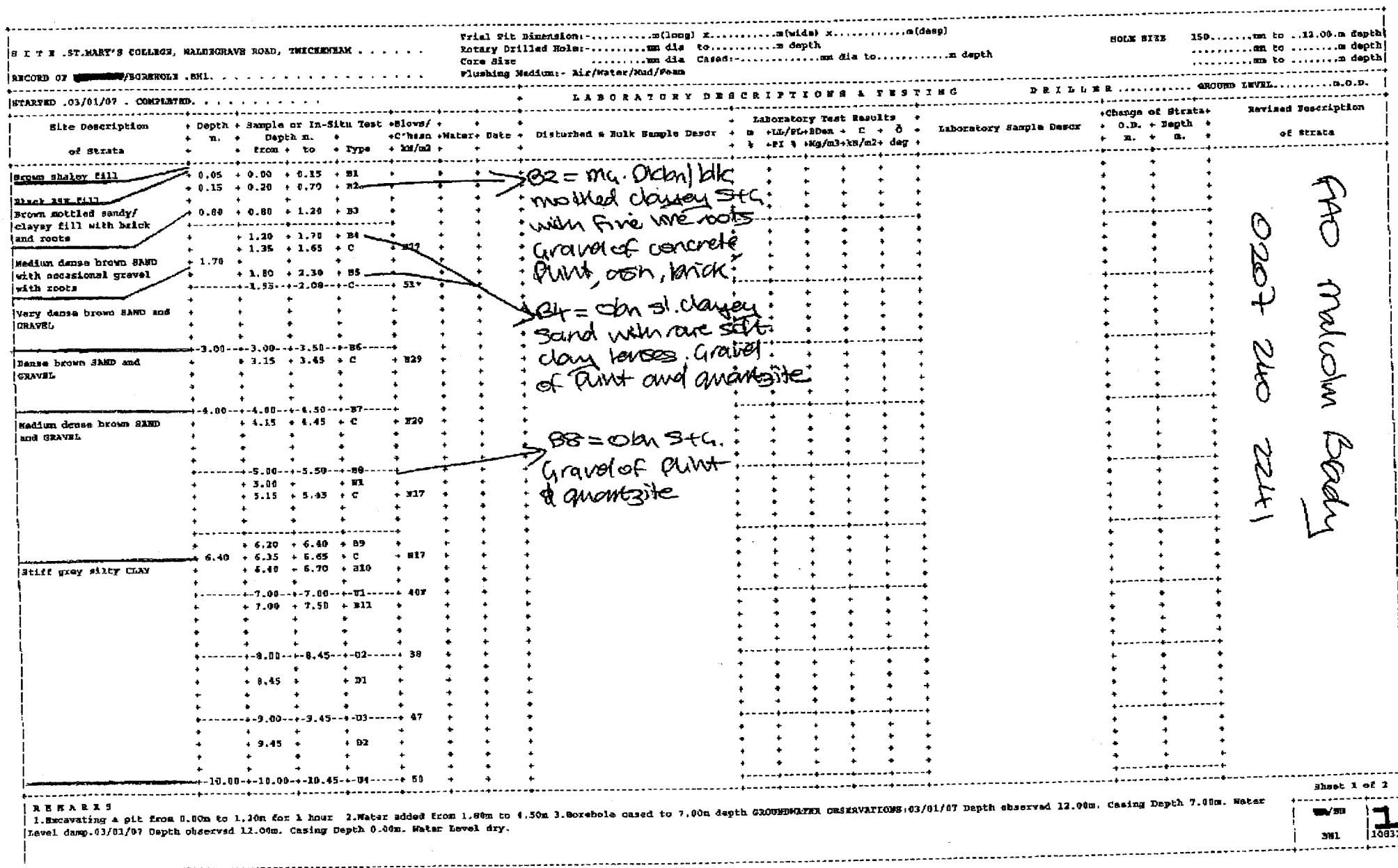


11 Appendix 1: Borehole logs from the recent soil investigation



S I T E . ST.MARY'S COLLEGE, WALDRIDGE ROAD, TWICKENHAM
RECORD OF ~~ST.MARY'S~~/BORMHOLM ENCL.

Trial Pit Dimension:.....along x.....m(wide) x.....m(deep)
Rotary Drilled Bore:.....m dia to.....m depth
Core Sizem dia Cased:.....m dia to.....m
Flushing Medium: Air/Water/Mud/Foam

BOLE SIZE 150.....cm to ..12.00 m depth
.....cm tom depth
.....cm tom depth

| STARTED .03/01/07 . COMPLETED

3 LABORATORY DESCRIPTIONS & TESTS

二三

GROUND LEVEL.....

1. Excavating a pit from 0.00m to 1.20m for 1 hour. 2. Water added from 1.80m to 4.50m 3. Borehole cased to 7.00m depth GROUNDMWATER OBSERVATIONS:03/01/07 Depth observed 12.00m, Casing Depth 7.00m, Water Level down 03/01/07 Depth observed 12.00m, Casing Depth 9.00m, Water Level dry.

Sheet 2 of 2

S I T E . ST.MARY'S COLLEGE, WALDEGRAVE ROAD, TWICKENHAM
RECORD OF BOREHOLE 332.

Test Pit Dimensions:-m (long) xm (wide) xm (deep)
Rotary Drilled Hole:-mm dia tom depth
Core Sizemm dia Carsd.mm dia to.....
Flushing Medium:- Air/Water/Sand/Roam

HOLE SIZE 150..... m to ..13.00.m depth
..... m to m depth
..... m to m deptb

STAKER, 93/91/97, COMPLETED.

L A B O R A T O R Y D E S C R I P T I O N S & T E A R Y I N G

RECD BY LEVEL..... D.D.

Site Description of Strata	Depth m.	Sample or In-Situ Test from to	Type	SC/beam Date	Disturbed & Bulk Sample Descri	Laboratory Test Results			Change of Strata of Strata	Revised Description
						n L/I/PL+BBM	C %	O %		
Brown shaly fill	0.15	0.20	DL							
	0.25	0.30	B1							
Black silt fill	0.70	0.75	B2							
Brown SAND and GRAVEL				-1.10	-1.60	M3				
Brown SAND and GRAVEL becoming clayey				+ 1.25	+ 1.55	C	M10			
				+ 1.50	+ 2.40	B4				
Dense Brown SAND and GRAVEL				+ 2.05	+ 2.35	C	M36			
				+ 3.00	+ 3.50	B5				
				+ 3.15	+ 3.45	C	M33			
Medium dense gray/brown silty SAND and GRAVEL				+ 4.20	+ 4.60	B6				
				+ 4.40	+ 4.35	+ 4.65	C	M14		
				+ 5.00	+ 5.50	B7				
stiff, gray silty CLAY				+ 6.20	+ 6.15	+ 6.45	C	M22		
				+ 6.20	+ 6.50	B9				
				+ 7.00	+ 7.45	B1	42			
				+ 7.45	+	DL				
				+ 8.00	+	B3				
				+ 8.50	+ 8.95	B2	42			
				+ 9.50	+	B5				
				+ 10.00	+ 10.00	B10	40			
				+ 10.45	+ 10.45	B3	40			

卷二十六

1. EXCAVATING a pit from 3.00m to 1.10m for 1 hour 2. Water added from 2.00m to 4.00m 3. Borehole cased to 6.50m depth 4. Gas monitoring stamp pipe installed to 7.00m depth GROUNDMATERIAL OBSERVATIONS-01/07 Depth observed 15.00m. Casing Depth 6.50m. Water Level damp.02/01/07 Depth observed 15.00m. Casing Depth 6.00m. Water Level dry.

Sheet 1 of 3

— 1 —

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SIXTEENTY SEVEN MARY'S COLLEGE, WALDEGRAVE ROAD, TWICKENHAM
RECORD OF TRIAL PAPER

trial pit dimensions:- 3.08.....m (long) x .9.60.....m (wide) x .3.30.....m (depth)
Rotary Drilled Holes:-mm dia tom depth
Core Sizemm dia Cased:-mm dia tomm
Flushing Medium:- Air/Water/Hyd/Foam

SOIL SITE mm to m depth
..... mm to m depth
..... mm to m depth

RECORD OF TRIALPET/ROCKWELL TPL. . . .

STARTED - 03/01/07 , COMPLETED -

APPENDIX B: DESCRIPTIVE STATISTICS

D A I L Y G R O U N D - L E V E L M . C .

WHO LEVEL.....M.0

1. No live roots observed 2. Water net at 3.00m depth 3. Pit sides unstable below 3.00m depth GROUNDED-WATER STRIKES : Struck at 3.00m.

sheet 2

— — — — —

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SITE .ST.MARY'S COLLEGE, WALDORFGRANGE ROAD, TWICKENHAM
RECORD OF TRAILPILOT/ .req.

Final Fit Dimension:.....**2.60**.....mm(long) x ..**0.60**.....mm(wide) x ..**2.60**.....mm(deep)
Rotary Drilled Holes:.....mm dia to.....mm depth
Core Size:.....mm dia Cased:.....mm dia to.....mm dia
Flushing Medium: Air/Water/Mud/Woam

SOIL SITES m to m depth
..... m to m depth
..... m to m depth

SEARCHED .03/01/07 . COMPLETED .

LABORATORY DESCRIPTIONS & TESTING

~~DRILLER GROVED LEVEL.....N.C.D.~~

Change of Status Revised Description

REMARKS
1.No live roots observed 2.Bt dry 3.Bt sides stable

Sheet 1 of 1

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PAGE
06/[

S I T E . ST.MARY'S COLLEGE, WALDENGRAVE ROAD, TWICKENHAM
RECORD OF TRIAL PIT/ROCKWORK. T.P.3.

trial Pit Dimension:...3.00....m(long) x...0.60....m(wide) x...1.40....m(deep)
Rotary Drilled Hole:.....m dia to.....m depth
Core Sizemm dia Cased:.....mm dia to.....mm
flushing Medium- Air/Water/Mud/foam

HOLE SIZES mm to m depth
..... mm to m depth
..... mm to m depth

STARTED .03/01/07 - COMPLETED -

LABORATORY DESCRIPTIONS & OPERATING

D R E L L E R G R O U N D L E V E L m.0.0

CONTINUOUS LEVEL.....0.0

Site Description of Strata	Depth	Sample or In-Situ Test	Blows/	+	+	+	Laboratory Test Results	+	Change of Strata	Revised Description	
	m.	Depth m.	m	Water	Data	Disturbed & Bulk Sample Data	m	LB/ft ² +kN/m ²	C	O.D.	
	from	to	type	XN/m ²	*	*	*	lb/ft ² +kN/m ²	G.S.	Depth	
MARL GROUND - Igneous rockstone	0.03	+ 0.02	+	D1	+	+	+	+	+	+	
	0.10	+ 0.10	+	D2	+	+	+	+	+	+	
		+ 0.30	+	B3	+	+	+	+	+	+	
MARL GROUND - Black dark grey sandy GRAVEL. Gravel consists of fine to coarse, angular to rounded, flint and igneous rockstone	0.60	+	+	+	+	+	+	+	+	+	
	0.70	+ 0.70	+	D4	+	+	+	+	+	+	
	0.70	+ 0.75	MP1	100	+	+	+	+	+	+	
Brown slightly gravelly silty SAND. Gravel consists of fine to coarse, angular to rounded, flint and quartzite	1.10	+ 1.20	+	B1	+	+	+	+	+	+	
	1.70	+ 1.80	+	B2	+	+	+	+	+	+	
		+ 2.00	+	MP2	100	+	+	+	+	+	
Brown and light brown sandy GRAVEL. Gravel of fine to coarse, angular to rounded flint and quartzite	2.03	- 2.11	-	B2	+	+	+	+	+	+	
	2.50	- 2.60	-	B3	+	+	+	+	+	+	
	3.10	+ 3.20	+	B4	+	+	+	+	+	+	
	3.10	+ 3.20	MP3	100	+	+	+	+	+	+	
	3.40	+ 3.50	+	B5	+	+	+	+	+	+	
		+ 3.60	+	MP4	100	+	+	+	+	+	
		+ 3.80	+	B6	+	+	+	+	+	+	
		+ 3.90	+	MP5	100	+	+	+	+	+	
		+ 4.00	+	B7	+	+	+	+	+	+	
		+ 4.10	+	MP6	100	+	+	+	+	+	
		+ 4.20	+	B8	+	+	+	+	+	+	
		+ 4.30	+	MP7	100	+	+	+	+	+	
		+ 4.40	+	B9	+	+	+	+	+	+	
		+ 4.50	+	MP8	100	+	+	+	+	+	
		+ 4.60	+	B10	+	+	+	+	+	+	
		+ 4.70	+	MP9	100	+	+	+	+	+	
		+ 4.80	+	B11	+	+	+	+	+	+	
		+ 4.90	+	MP10	100	+	+	+	+	+	
		+ 5.00	+	B12	+	+	+	+	+	+	
		+ 5.10	+	MP11	100	+	+	+	+	+	
		+ 5.20	+	B13	+	+	+	+	+	+	
		+ 5.30	+	MP12	100	+	+	+	+	+	
		+ 5.40	+	B14	+	+	+	+	+	+	
		+ 5.50	+	MP13	100	+	+	+	+	+	
		+ 5.60	+	B15	+	+	+	+	+	+	
		+ 5.70	+	MP14	100	+	+	+	+	+	
		+ 5.80	+	B16	+	+	+	+	+	+	
		+ 5.90	+	MP15	100	+	+	+	+	+	
		+ 6.00	+	B17	+	+	+	+	+	+	
		+ 6.10	+	MP16	100	+	+	+	+	+	
		+ 6.20	+	B18	+	+	+	+	+	+	
		+ 6.30	+	MP17	100	+	+	+	+	+	
		+ 6.40	+	B19	+	+	+	+	+	+	
		+ 6.50	+	MP18	100	+	+	+	+	+	
		+ 6.60	+	B20	+	+	+	+	+	+	
		+ 6.70	+	MP19	100	+	+	+	+	+	
		+ 6.80	+	B21	+	+	+	+	+	+	
		+ 6.90	+	MP20	100	+	+	+	+	+	
		+ 7.00	+	B22	+	+	+	+	+	+	
		+ 7.10	+	MP21	100	+	+	+	+	+	
		+ 7.20	+	B23	+	+	+	+	+	+	
		+ 7.30	+	MP22	100	+	+	+	+	+	
		+ 7.40	+	B24	+	+	+	+	+	+	
		+ 7.50	+	MP23	100	+	+	+	+	+	
		+ 7.60	+	B25	+	+	+	+	+	+	
		+ 7.70	+	MP24	100	+	+	+	+	+	
		+ 7.80	+	B26	+	+	+	+	+	+	
		+ 7.90	+	MP25	100	+	+	+	+	+	
		+ 8.00	+	B27	+	+	+	+	+	+	
		+ 8.10	+	MP26	100	+	+	+	+	+	
		+ 8.20	+	B28	+	+	+	+	+	+	
		+ 8.30	+	MP27	100	+	+	+	+	+	
		+ 8.40	+	B29	+	+	+	+	+	+	
		+ 8.50	+	MP28	100	+	+	+	+	+	
		+ 8.60	+	B30	+	+	+	+	+	+	
		+ 8.70	+	MP29	100	+	+	+	+	+	
		+ 8.80	+	B31	+	+	+	+	+	+	
		+ 8.90	+	MP30	100	+	+	+	+	+	
		+ 9.00	+	B32	+	+	+	+	+	+	
		+ 9.10	+	MP31	100	+	+	+	+	+	
		+ 9.20	+	B33	+	+	+	+	+	+	
		+ 9.30	+	MP32	100	+	+	+	+	+	
		+ 9.40	+	B34	+	+	+	+	+	+	
		+ 9.50	+	MP33	100	+	+	+	+	+	
		+ 9.60	+	B35	+	+	+	+	+	+	
		+ 9.70	+	MP34	100	+	+	+	+	+	
		+ 9.80	+	B36	+	+	+	+	+	+	
		+ 9.90	+	MP35	100	+	+	+	+	+	
		+ 10.00	+	B37	+	+	+	+	+	+	
		+ 10.10	+	MP36	100	+	+	+	+	+	
		+ 10.20	+	B38	+	+	+	+	+	+	
		+ 10.30	+	MP37	100	+	+	+	+	+	
		+ 10.40	+	B39	+	+	+	+	+	+	
		+ 10.50	+	MP38	100	+	+	+	+	+	
		+ 10.60	+	B40	+	+	+	+	+	+	
		+ 10.70	+	MP39	100	+	+	+	+	+	
		+ 10.80	+	B41	+	+	+	+	+	+	
		+ 10.90	+	MP40	100	+	+	+	+	+	
		+ 11.00	+	B42	+	+	+	+	+	+	
		+ 11.10	+	MP41	100	+	+	+	+	+	
		+ 11.20	+	B43	+	+	+	+	+	+	
		+ 11.30	+	MP42	100	+	+	+	+	+	
		+ 11.40	+	B44	+	+	+	+	+	+	
		+ 11.50	+	MP43	100	+	+	+	+	+	
		+ 11.60	+	B45	+	+	+	+	+	+	
		+ 11.70	+	MP44	100	+	+	+	+	+	
		+ 11.80	+	B46	+	+	+	+	+	+	
		+ 11.90	+	MP45	100	+	+	+	+	+	
		+ 12.00	+	B47	+	+	+	+	+	+	
		+ 12.10	+	MP46	100	+	+	+	+	+	
		+ 12.20	+	B48	+	+	+	+	+	+	
		+ 12.30	+	MP47	100	+	+	+	+	+	
		+ 12.40	+	B49	+	+	+	+	+	+	
		+ 12.50	+	MP48	100	+	+	+	+	+	
		+ 12.60	+	B50	+	+	+	+	+	+	
		+ 12.70	+	MP49	100	+	+	+	+	+	
		+ 12.80	+	B51	+	+	+	+	+	+	
		+ 12.90	+	MP50	100	+	+	+	+	+	
		+ 13.00	+	B52	+	+	+	+	+	+	
		+ 13.10	+	MP51	100	+	+	+	+	+	
		+ 13.20	+	B53	+	+	+	+	+	+	
		+ 13.30	+	MP52	100	+	+	+	+	+	
		+ 13.40	+	B54	+	+	+	+	+	+	
		+ 13.50	+	MP53	100	+	+	+	+	+	
		+ 13.60	+	B55	+	+	+	+	+	+	
		+ 13.70	+	MP54	100	+	+	+	+	+	
		+ 13.80	+	B56	+	+	+	+	+	+	
		+ 13.90	+	MP55	100	+	+	+	+	+	
		+ 14.00	+	B57	+	+	+	+	+	+	
		+ 14.10	+	MP56	100	+	+	+	+	+	
		+ 14.20	+	B58	+	+	+	+	+	+	
		+ 14.30	+	MP57	100	+	+	+	+	+	
		+ 14.40	+	B59	+	+	+	+	+	+	
		+ 14.50	+	MP58	100	+	+	+	+	+	
		+ 14.60	+	B60	+	+	+	+	+	+	
		+ 14.70	+	MP59	100	+	+	+	+	+	
		+ 14.80	+	B61	+	+	+	+	+	+	
		+ 14.90	+	MP60	100	+	+	+	+	+	
		+ 15.00	+	B62	+	+	+	+	+	+	
		+ 15.10	+	MP61	100	+	+	+	+	+	
		+ 15.20	+	B63	+	+	+	+	+	+	
		+ 15.30	+	MP62	100	+	+	+	+	+	
		+ 15.40	+	B64	+	+	+	+	+	+	
		+ 15.50	+	MP63	100	+	+	+	+	+	
		+ 15.60	+	B65	+	+	+	+	+	+	
		+ 15.70	+	MP64	100	+	+	+	+	+	
		+ 15.80	+	B66	+	+	+	+	+	+	
		+ 15.90	+	MP65	100	+	+	+	+	+	
		+ 16.00	+	B67	+	+	+	+	+	+	
		+ 16.10	+	MP66	100	+	+	+	+	+	
		+ 16.20	+	B68	+	+	+	+	+	+	
		+ 16.30	+	MP67	100	+	+	+	+	+	
		+ 16.40	+	B69	+	+	+	+	+	+	
		+ 16.50	+	MP68	100	+	+	+	+	+	
		+ 16.60	+	B70	+	+	+	+	+	+	
		+ 16.70	+	MP69	100	+	+	+	+	+	
		+ 16.80	+	B71	+	+	+	+	+	+	
		+ 16.90	+	MP70	100	+	+	+	+	+	
		+ 17.00	+	B72	+	+	+	+	+	+	
		+ 17.10	+	MP71	100	+	+	+	+	+	
		+ 17.20	+	B73	+	+	+	+	+	+	
		+ 17.30	+	MP72	100	+	+	+	+	+	
		+ 17.40	+	B74	+	+	+	+	+	+	
		+ 17.50	+	MP73	100	+	+	+	+	+	
		+ 17.60	+	B75	+	+	+	+	+	+	
		+ 17.70	+	MP74	100	+	+	+	+	+	
		+ 17.80	+	B76	+	+	+	+	+	+	
		+ 17.90	+	MP75	100	+	+	+	+	+	
		+ 18.00	+	B77	+	+	+	+	+	+	
		+ 18.10	+	MP76	100	+	+	+	+	+	
		+ 18.20	+	B78	+	+	+	+	+	+	
		+ 18.30	+	MP77	100	+	+	+	+	+	
		+ 18.40	+	B79	+	+	+	+	+	+	
		+ 18.50	+	MP78	100						

REMARKS
1. Live roots observed to 1.50m depth 1. Pit sides unstable below 2.00m depth 3. Water met at 3.10m depth GROUNDWATER STRIKES : Struck at 3.10m.

Sheet 1 of 1

TR/MT

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RECORD OF TRIAL PIT/BOREHOLE - TPA

trial Pit dimensions...0.60....m(long) x 0.40....m(width) x 0.60....m(deep)
Rotary drilled Holes.....mm dia to.....m depth
Core Sizemm dia Cased-.....mm dia to.....
Blushing Medium- Air/Water/Hyd/Frac

HOLE SIZE mm to mm depth
..... mm to mm depth
..... mm to mm depth

1878]

• LARGEST TRUCK RECALLS IN U.S. HISTORY • TESTING

PAKISTAN

GROUND LEVEL.....m.O.D.

2 R M A R I S
1. Live roots observed to 6.6m depth 2. Fit dry 3. Pit sides stable

Sheet 1

100 101

1

ITE, ST.MARY'S COLLEGE, WALDEGRAVE ROAD, TWICKENHAM
RECORD OF BORING/BOREHOLE .SH2.

Trial Pit Dimension:m(Length) xm(width) xm(depth)
Rotary Drilled Hole:mm dia tom depth
Core Sizemm dia Cased:mm dia tom depth
Blushing Medium: Air/Water/Mud/Soil

HOLE SIZE 150.....mm to ..15.00.m depth
.....mm tom depth
.....mm tom depth

DATED 02/01/07 . COMPLETED.

LABORATORY DESCRIPTIONS & TESTS

DRILLER

GROUND LEVEL.....m.O.D.

Site Description of Strata	Depth	Sample or In-Situ Test	Blows / m.	N. depth m.	C'hensn +Water	Date	Disturbed & Bulk Sample Descr	Laboratory Test Results			Laboratory Sample Descr	G.O.D.	Depth	Change of Strata	Revised Description of Strata
								m	L/L/BSBm	C	B				
Stiff, gray silty CLAY	+ 10.45 +	+ D6	+ 70	+ 10.45 +	+ 10.45 +	+ 07/01/07	+ 10.45 +	+ 10.45 +	+ 10.45 +	+ 10.45 +	+ 10.45 +	+ 10.45 +	+ 10.45 +	+ 10.45 +	+ 10.45 +
	+ 11.00 +	-D7-	+ 70	+ 11.00 +	+ 11.00 +	+ 07/01/07	+ 11.00 +	+ 11.00 +	+ 11.00 +	+ 11.00 +	+ 11.00 +	+ 11.00 +	+ 11.00 +	+ 11.00 +	+ 11.00 +
	+ 11.50 +	+ 11.55 +	+ 74	+ 11.50 +	+ 11.55 +	+ 07/01/07	+ 11.50 +	+ 11.55 +	+ 11.50 +	+ 11.55 +	+ 11.50 +	+ 11.55 +	+ 11.50 +	+ 11.55 +	+ 11.50 +
	+ 12.00 +	+ 12.50 +	+ 78	+ 12.00 +	+ 12.50 +	+ 07/01/07	+ 12.00 +	+ 12.50 +	+ 12.00 +	+ 12.50 +	+ 12.00 +	+ 12.50 +	+ 12.00 +	+ 12.50 +	+ 12.00 +
	+ 12.50 +	+ 13.00 +	+ 82	+ 12.50 +	+ 13.00 +	+ 07/01/07	+ 12.50 +	+ 13.00 +	+ 12.50 +	+ 13.00 +	+ 12.50 +	+ 13.00 +	+ 12.50 +	+ 13.00 +	+ 12.50 +
	+ 13.00 +	+ 13.45 +	+ 85	+ 13.00 +	+ 13.45 +	+ 07/01/07	+ 13.00 +	+ 13.45 +	+ 13.00 +	+ 13.45 +	+ 13.00 +	+ 13.45 +	+ 13.00 +	+ 13.45 +	+ 13.00 +
	+ 13.45 +	+ 13.95 +	+ 86	+ 13.45 +	+ 13.95 +	+ 07/01/07	+ 13.45 +	+ 13.95 +	+ 13.45 +	+ 13.95 +	+ 13.45 +	+ 13.95 +	+ 13.45 +	+ 13.95 +	+ 13.45 +
	+ 14.00 +	+ 14.50 +	+ 86	+ 14.00 +	+ 14.50 +	+ 07/01/07	+ 14.00 +	+ 14.50 +	+ 14.00 +	+ 14.50 +	+ 14.00 +	+ 14.50 +	+ 14.00 +	+ 14.50 +	+ 14.00 +
	+ 14.50 +	+ 15.00 +	+ 86	+ 14.50 +	+ 15.00 +	+ 07/01/07	+ 14.50 +	+ 15.00 +	+ 14.50 +	+ 15.00 +	+ 14.50 +	+ 15.00 +	+ 14.50 +	+ 15.00 +	+ 14.50 +
	+ 15.00 +	+ 15.00 +	+ 86	+ 15.00 +	+ 15.00 +	+ 07/01/07	+ 15.00 +	+ 15.00 +	+ 15.00 +	+ 15.00 +	+ 15.00 +	+ 15.00 +	+ 15.00 +	+ 15.00 +	+ 15.00 +

Sheet 2 of 2

REMARKS
1.Excavating a pit from 0.00m to 1.10m for 1 bcw 2.Water added from 2.00m to 4.00m 3.Boxhole cased to 6.50m depth 4.Gas monitoring standpipe installed to 7.00m depth GROUNDMWATER OBSERVATIONS:02/01/
07 Depth observed 15.00m. Casing depth 6.50m. Water Level same.02/01/07 Depth observed 15.00m. Casing depth 0.00m. Water level dry.

2
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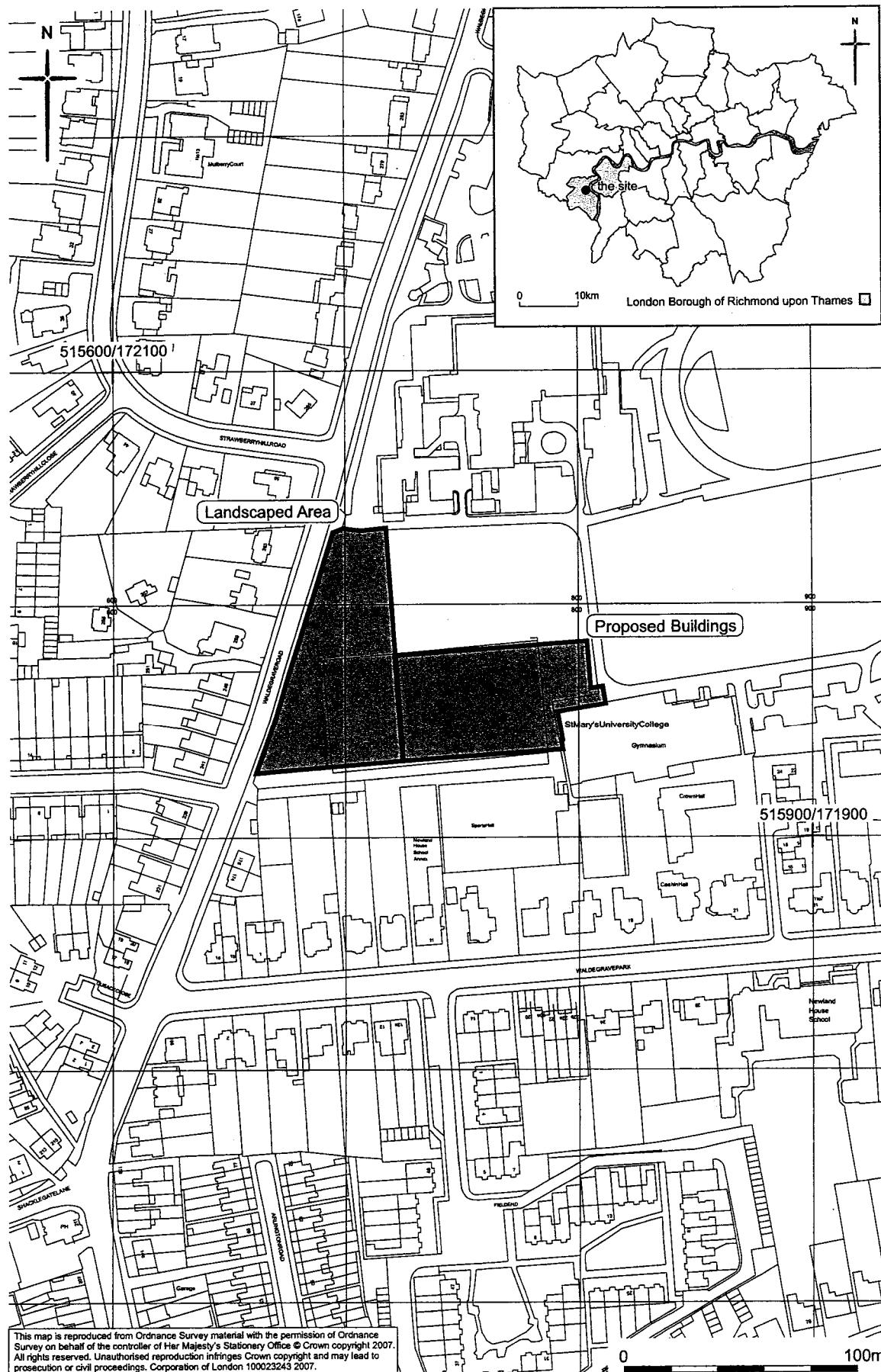


Fig 1 Site location

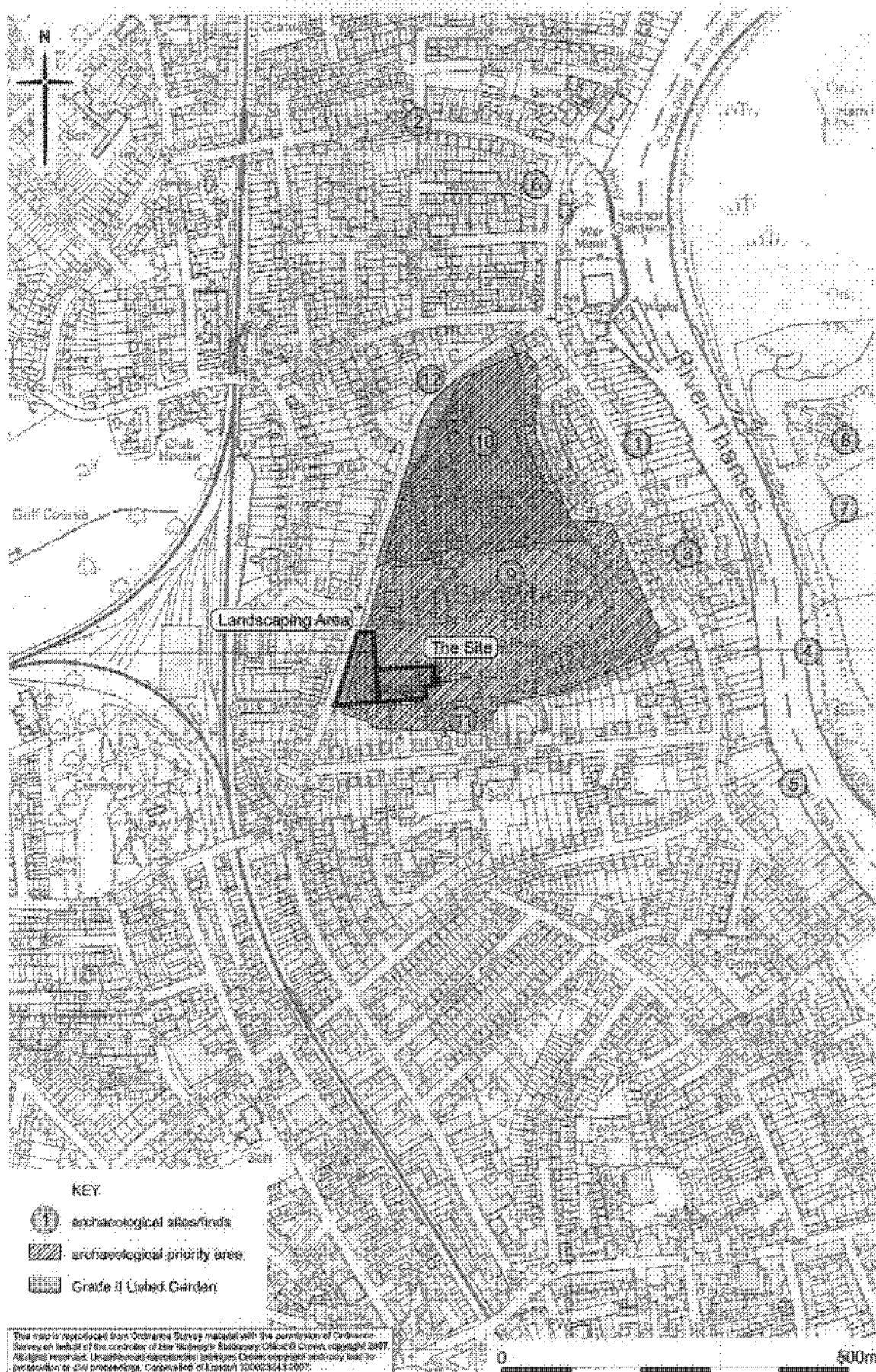


Fig 2: Archaeological features map

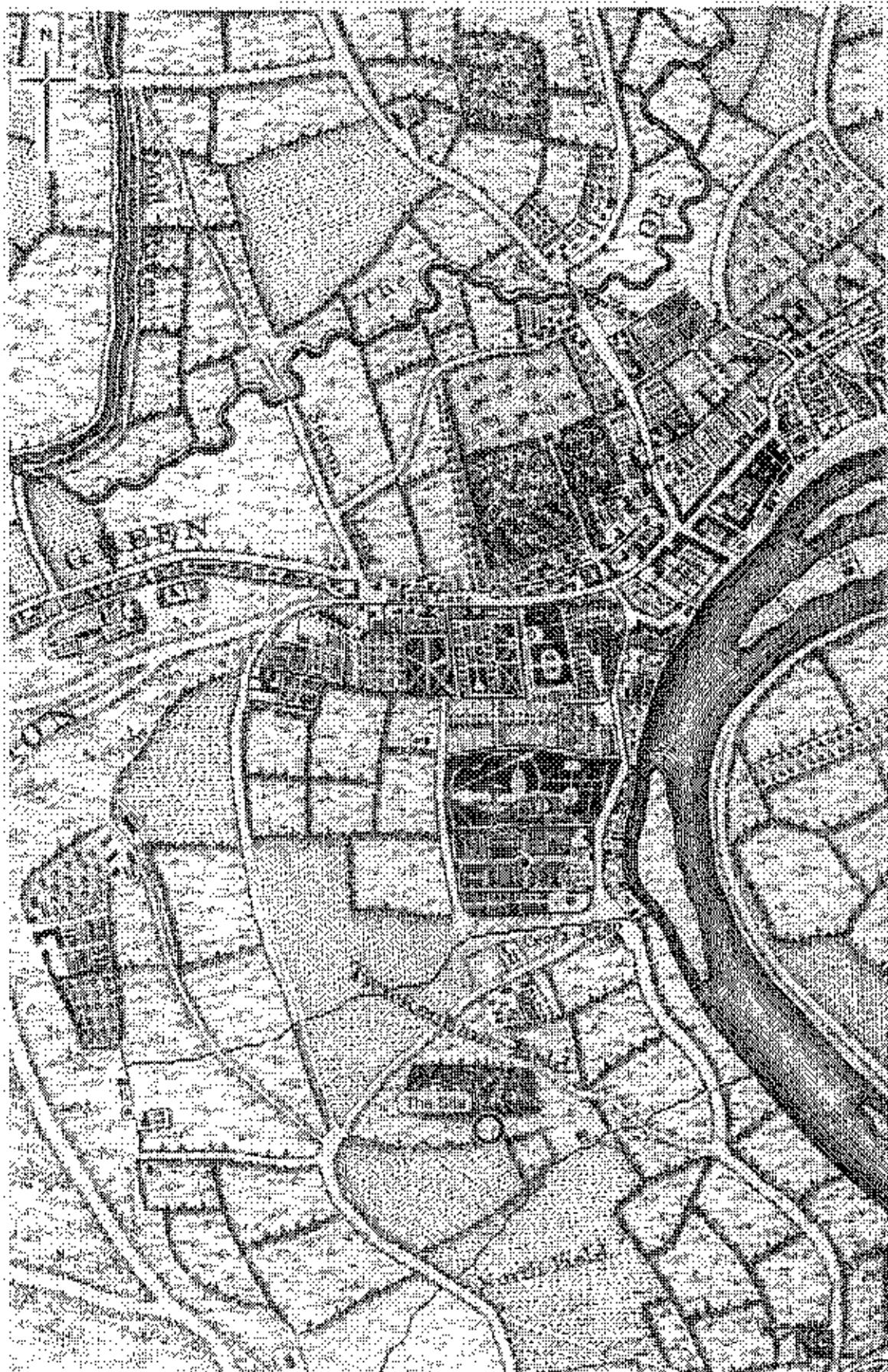


Fig. 3 Detail from Rocque's map of 1746 showing the approximate position of the site.

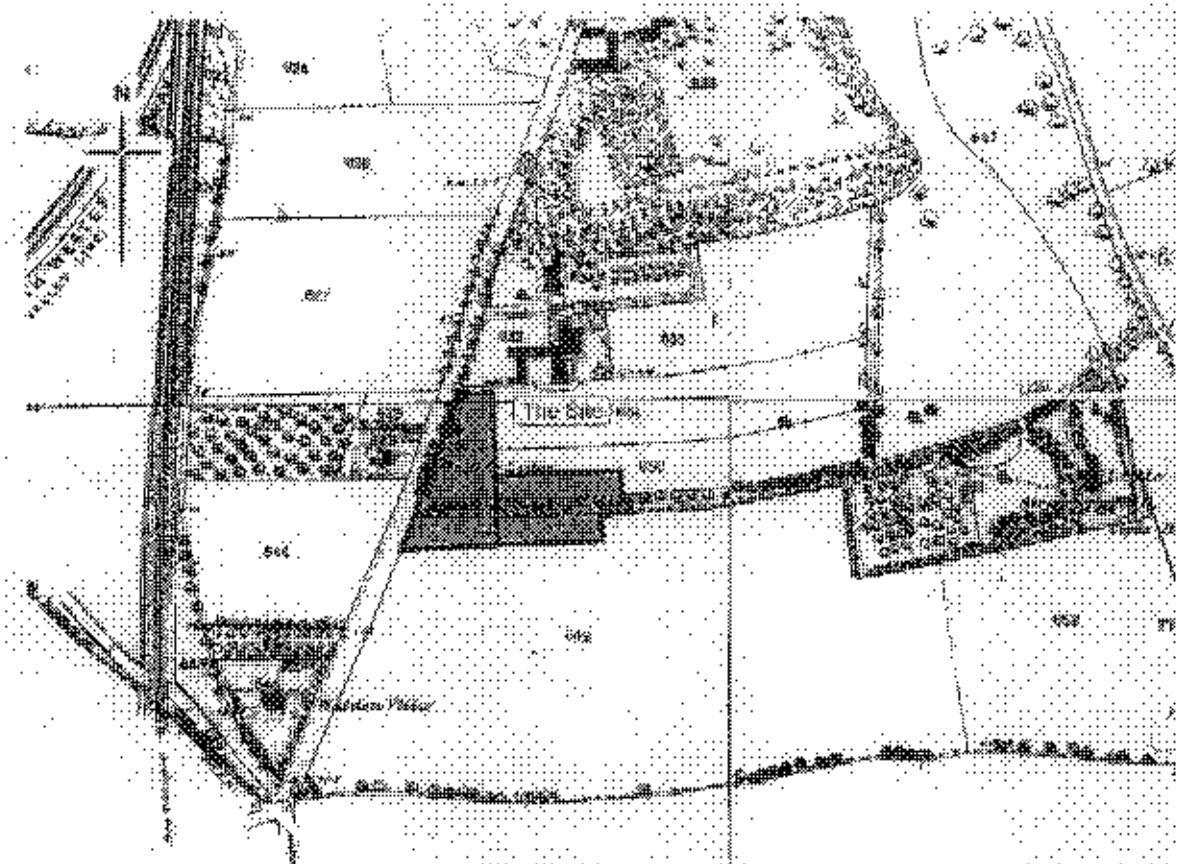


Fig 4 Detail from Ordnance Survey 1st edition 25" map of 1863 (not to scale)

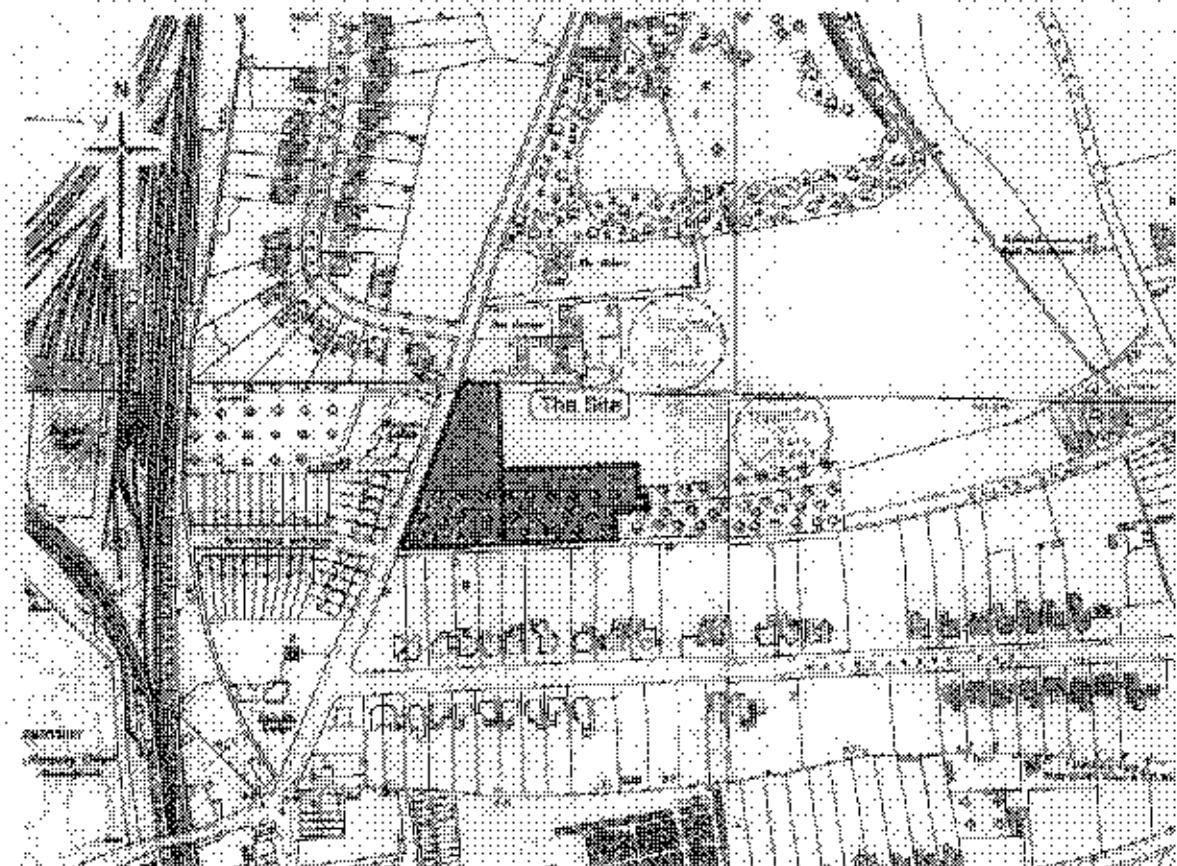


Fig 5 Detail from Ordnance Survey 25" map of 1914/1915 (not to scale)

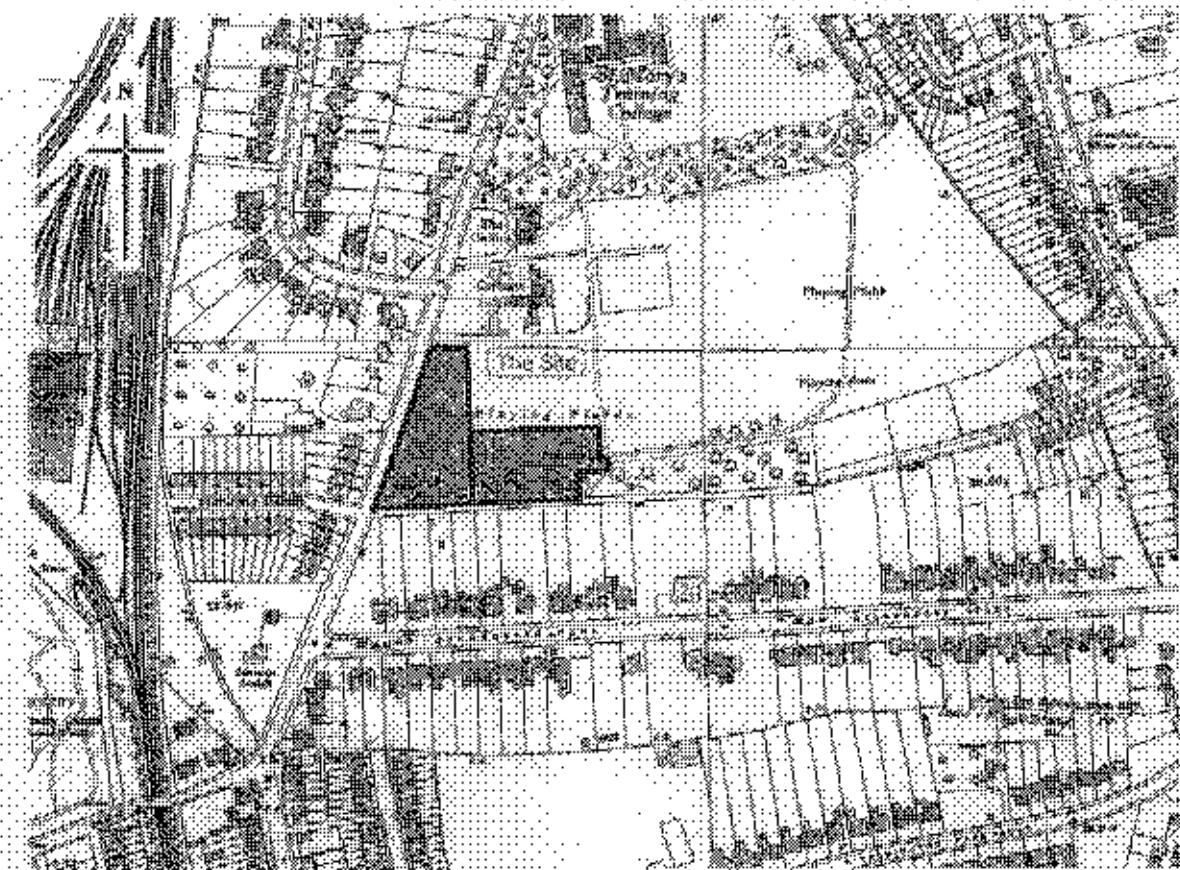


Fig 6. Detail from Ordnance Survey 25" map of 1934 (not to scale)

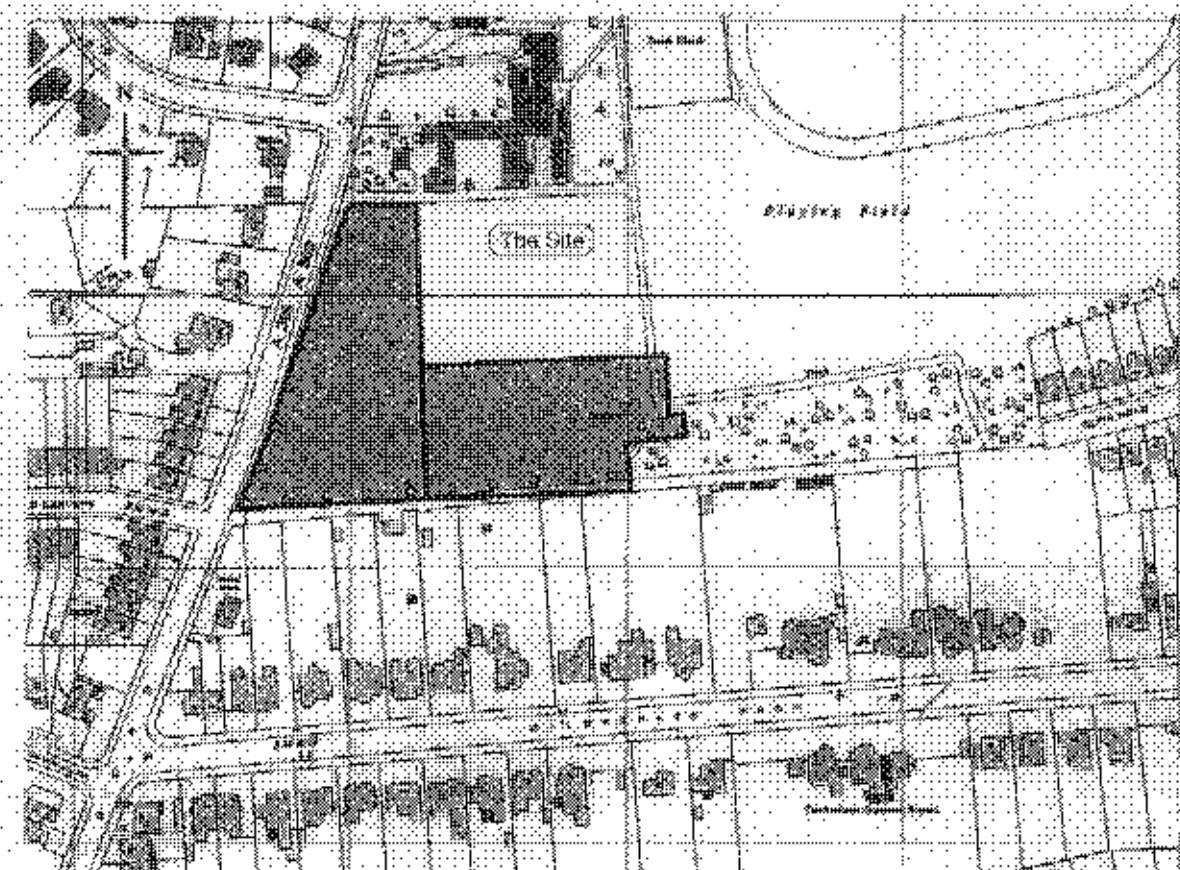


Fig 7. Detail from Ordnance Survey 1:2500 map of 1962.

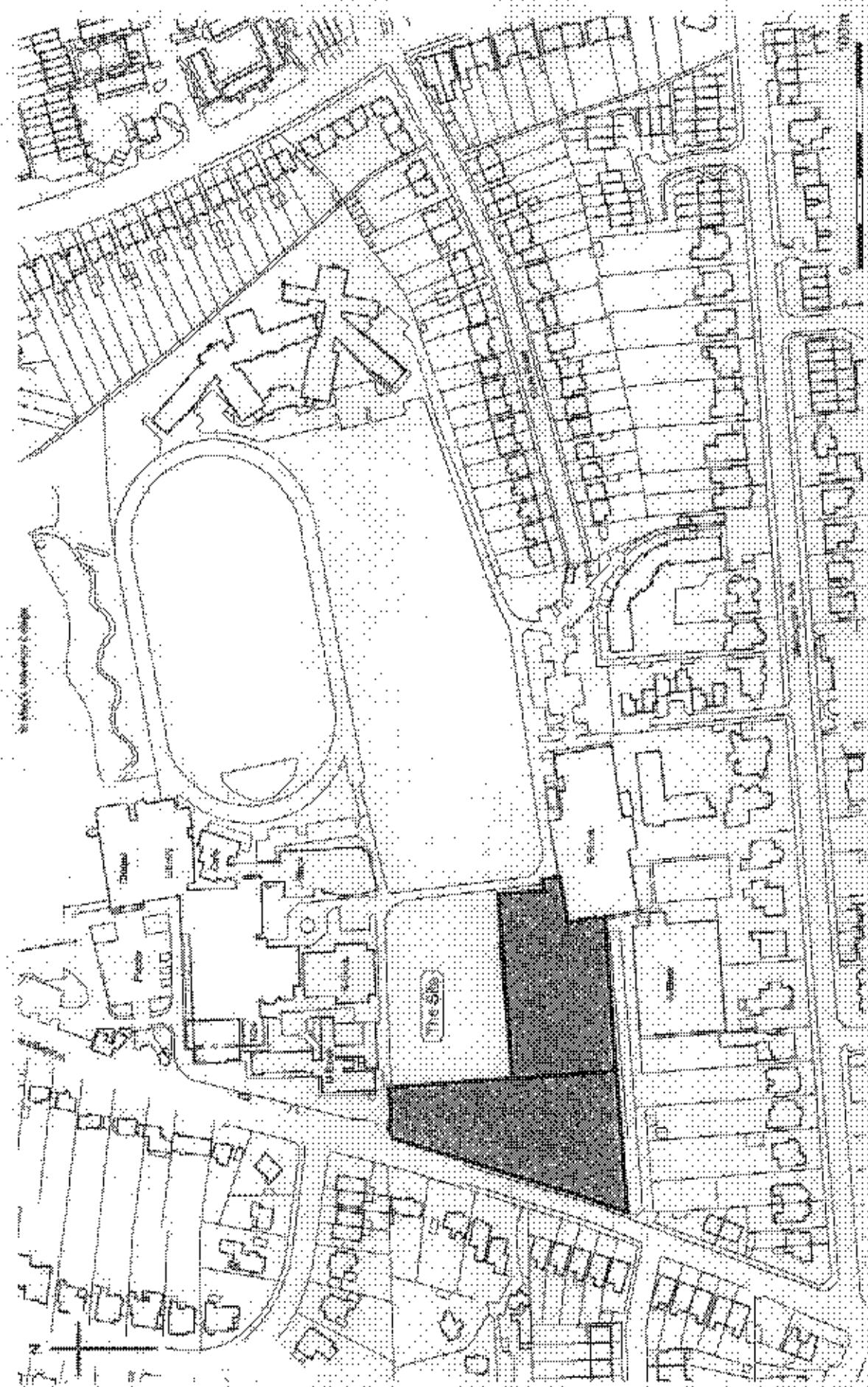


Fig. 3 St. Mary's College site plan showing existing Block 2 (shaded from Rivington Street Studio Architects Cw2 no. 0501 November 06)

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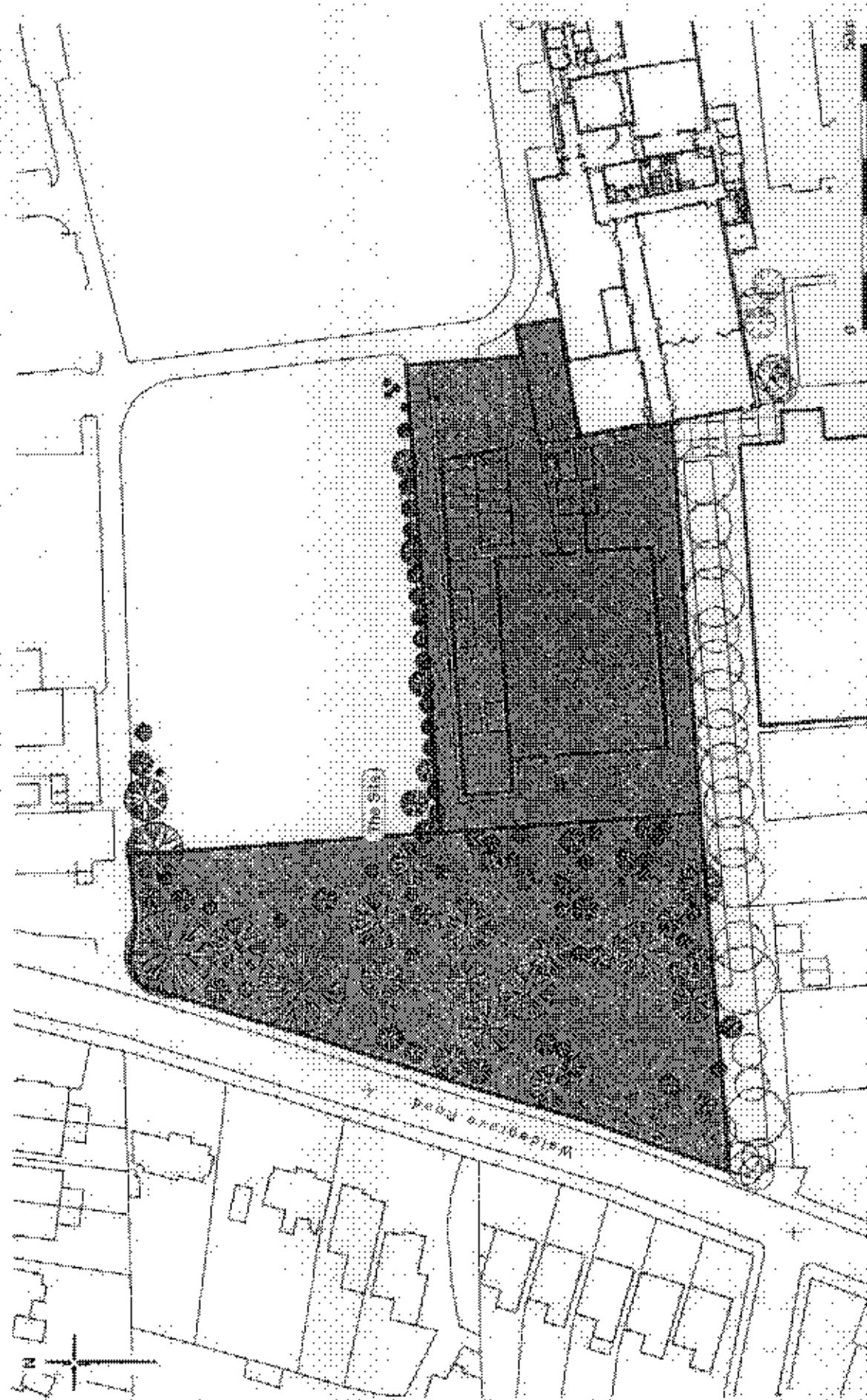


Fig. 9 St Mary's College proposed development [adapted] from Kington Street Studio Architecture dwg no. 05/02, September 16