



# **Historical Aerial Photography** Published 1946 - 1947 Source map scale - 1:1,250

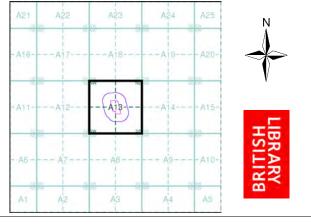
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was rechecked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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# Map Name(s) and Date(s)



# **Historical Aerial Photography - Segment A13**



### **Order Details**

Order Number: 73071210\_1\_1 Customer Ref: A2392 Richmond National Grid Reference: 517720, 172230 Slice:

Site Area (Ha): Search Buffer (m): 100

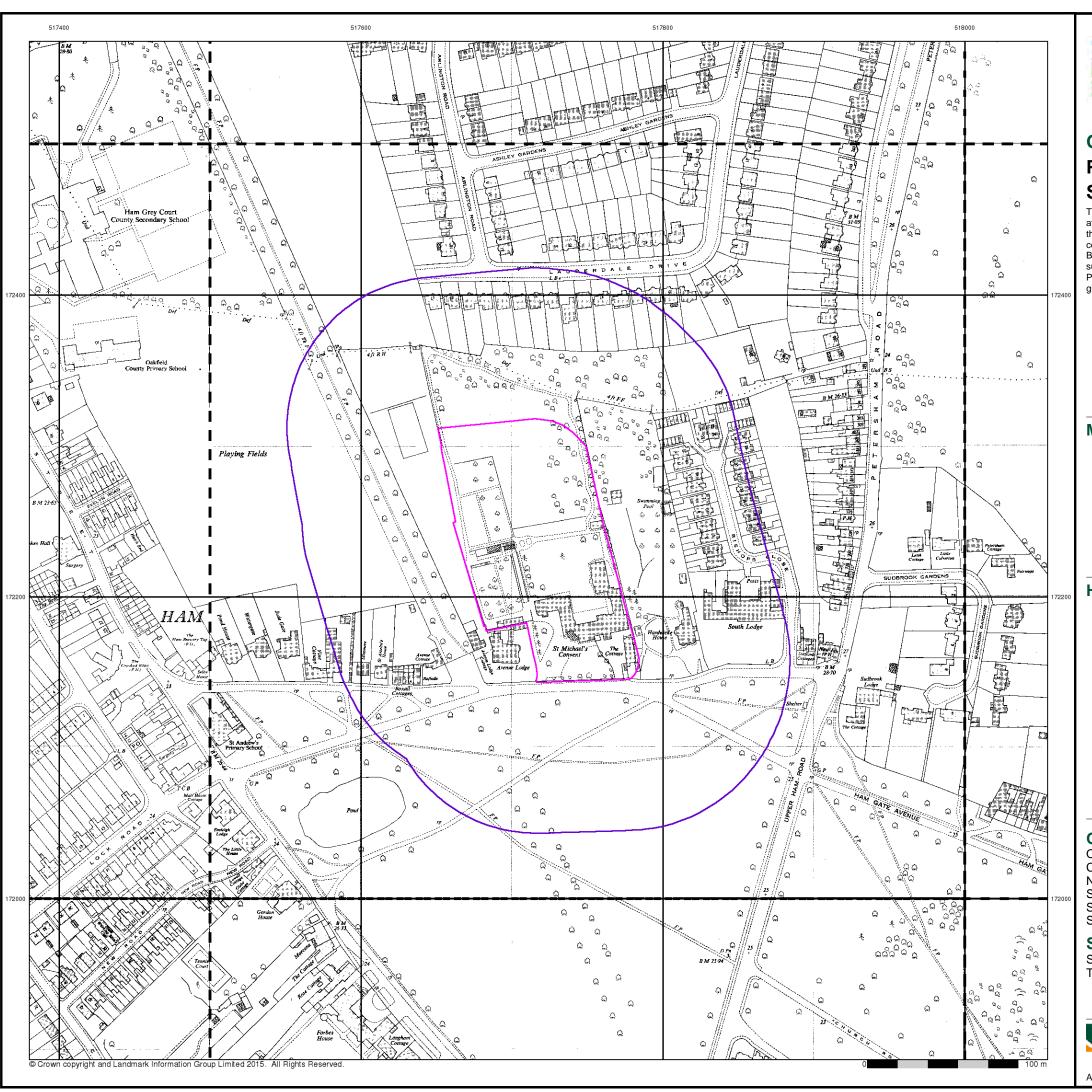
#### **Site Details**

St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH



0844 844 9952

A Landmark Information Group Service v47.0 29-Sep-2015 Page 13 of 25

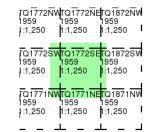




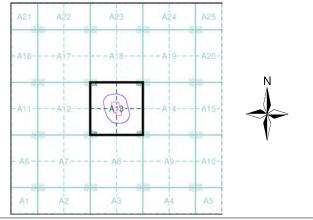
# **Ordnance Survey Plan Published 1959** Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

# Map Name(s) and Date(s)



# **Historical Map - Segment A13**



# **Order Details**

Order Number: 73071210\_1\_1 Customer Ref: A2392 Richmond National Grid Reference: 517720, 172230 Slice:

Site Area (Ha): Search Buffer (m): 1.55 100

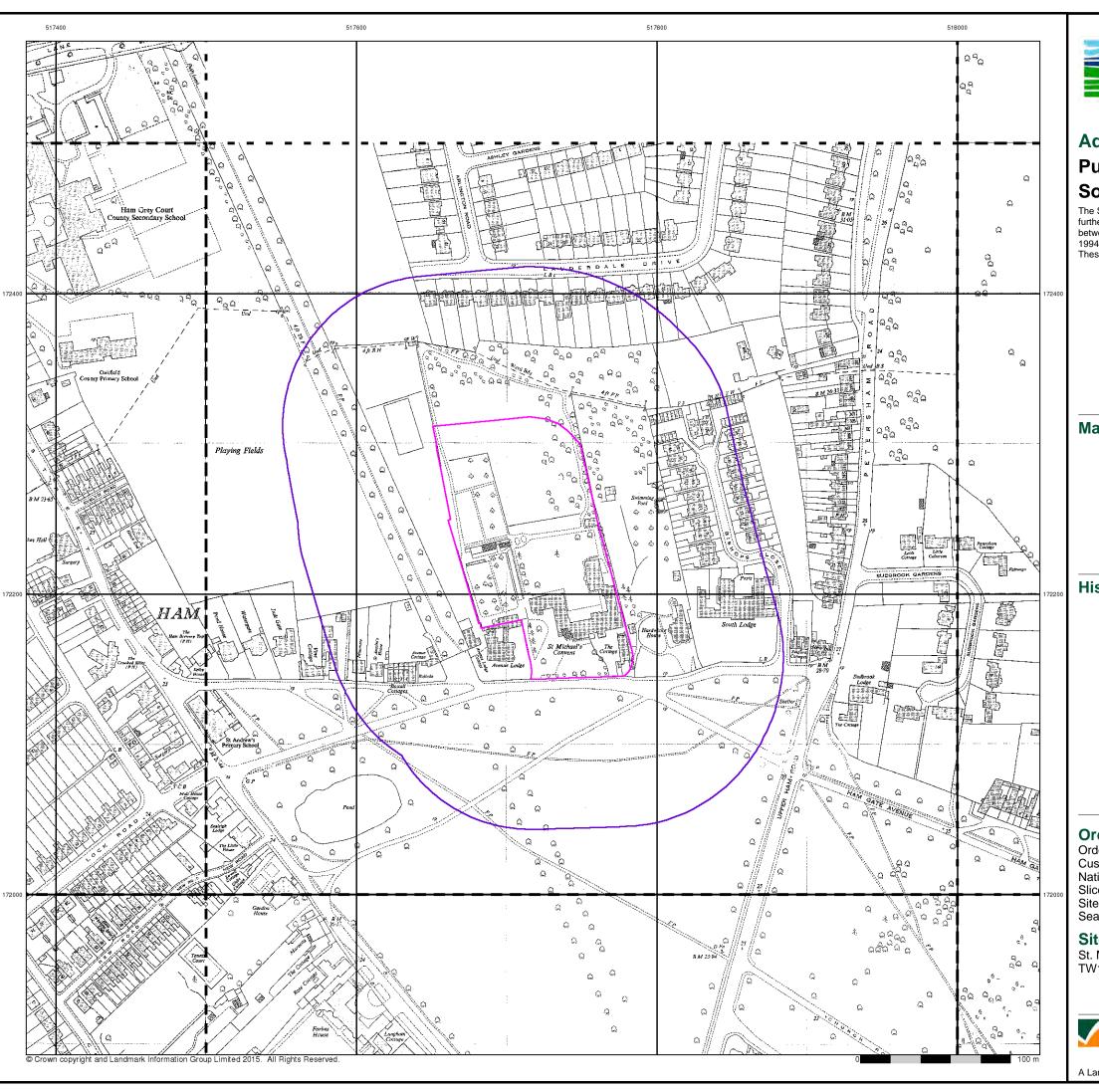
#### **Site Details**

St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH



0844 844 9952

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# **Additional SIMs**

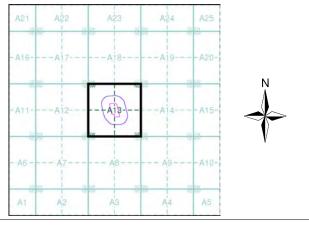
# **Published 1959 - 1979** Source map scale - 1:1,250

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

# Map Name(s) and Date(s)

TQ1772N	IW	TQ1872NW
1979 1:1,250	ı	1959 <b> </b> 1:1,250
TQ17729 1959	WTQ1772S 1959	ETQ1872SW 1959
1:1,250	1:1,250	1:1,250
<b>⊢</b> −	$\perp$ –	<u> </u>
FQ1771N 1959		ETQ1871NW
1:1,250	1959 1:1,250	1974 I 1:1,250
L _	Т _	⊥ _ '

# **Historical Map - Segment A13**



# **Order Details**

Order Number: 73071210\_1\_1 Customer Ref: A2392 Richmond National Grid Reference: 517720, 172230 Slice:

Site Area (Ha): Search Buffer (m): 1.55 100

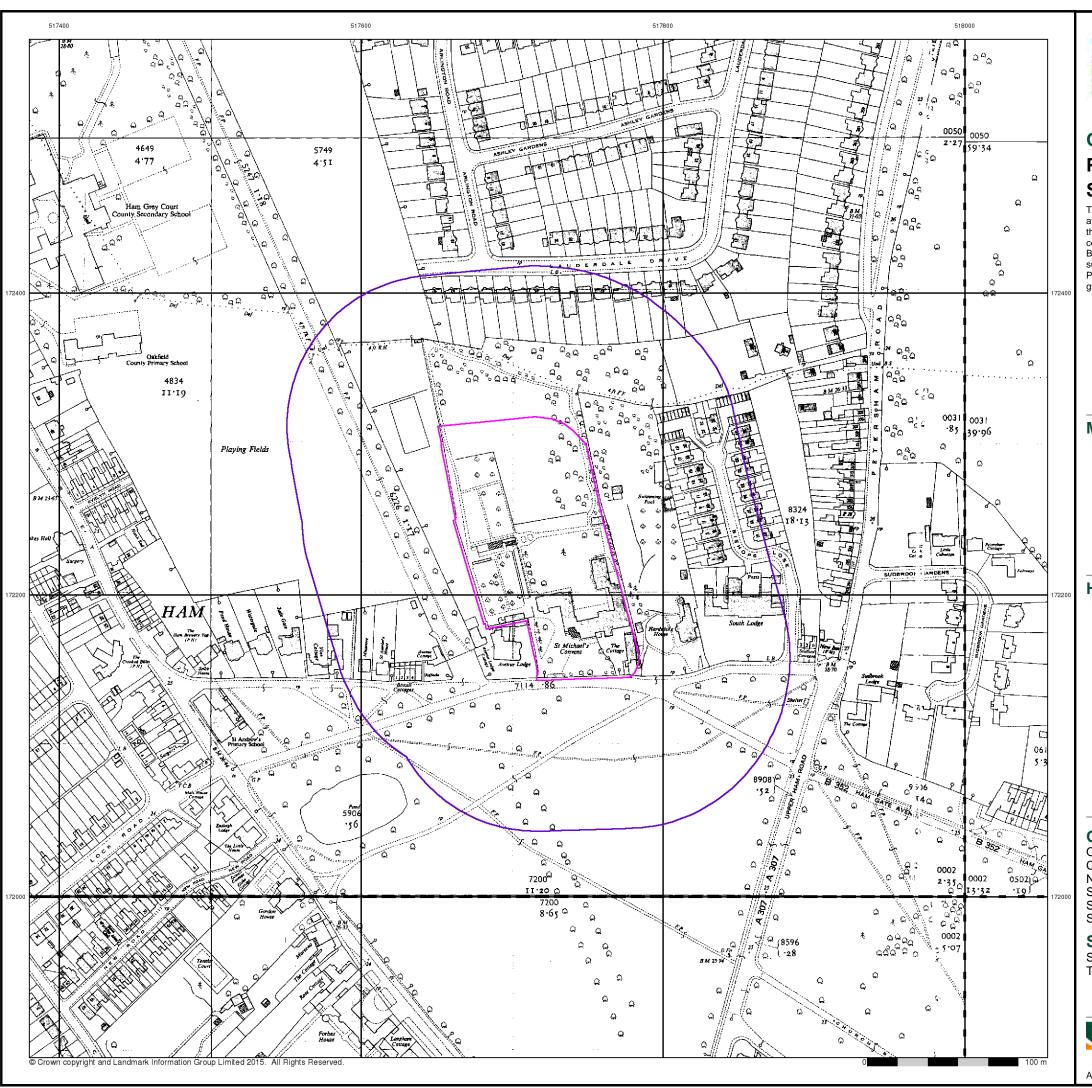
### **Site Details**

St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH



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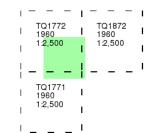




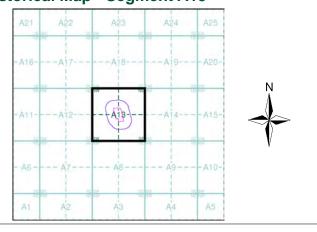
# Ordnance Survey Plan Published 1960 Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

# Map Name(s) and Date(s)



# **Historical Map - Segment A13**



### **Order Details**

Order Number: 73071210\_1\_1
Customer Ref: A2392 Richmond
National Grid Reference: 517720, 172230
Slice: A

Site Area (Ha): 1.55 Search Buffer (m): 100

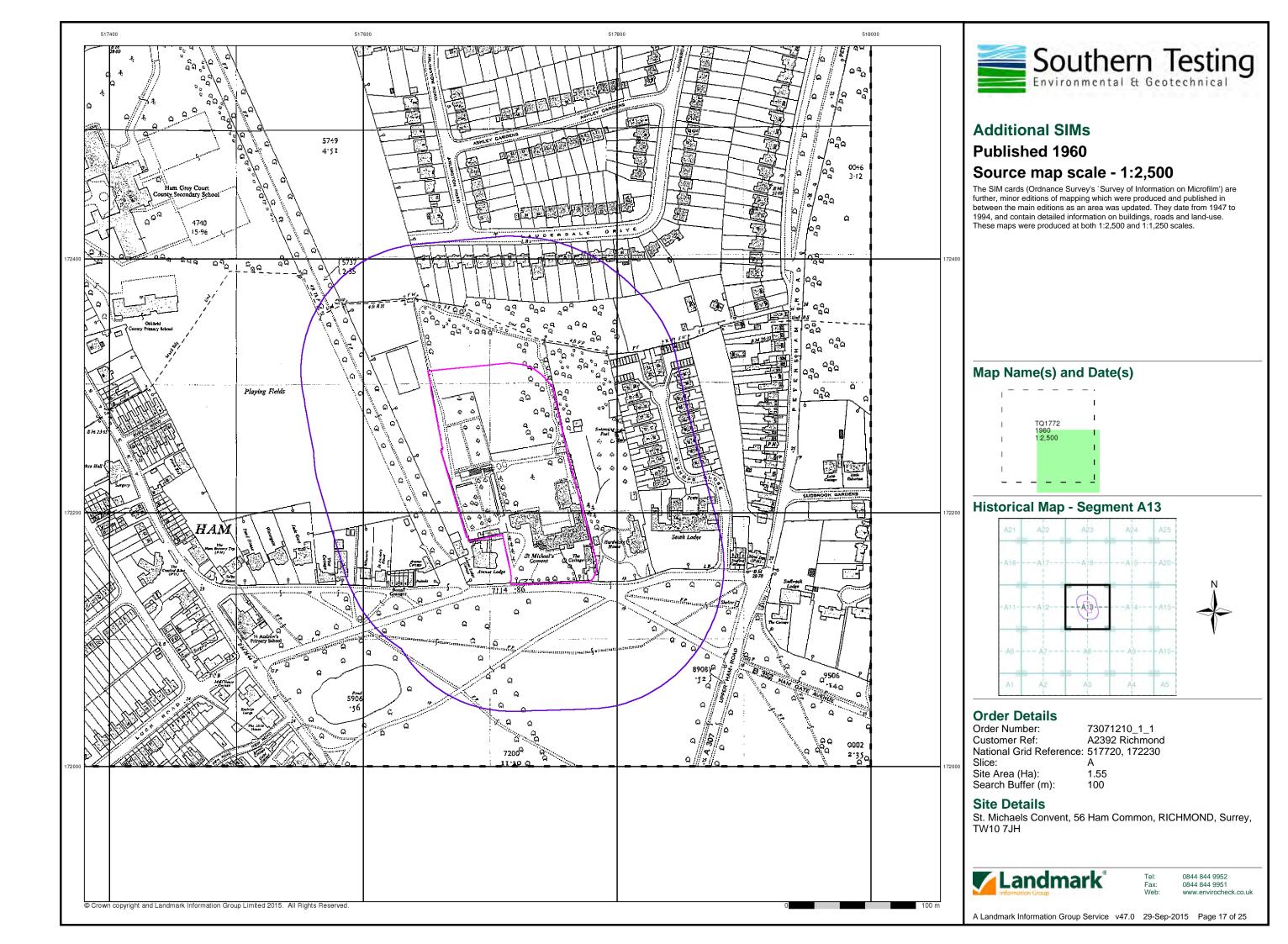
# **Site Details**

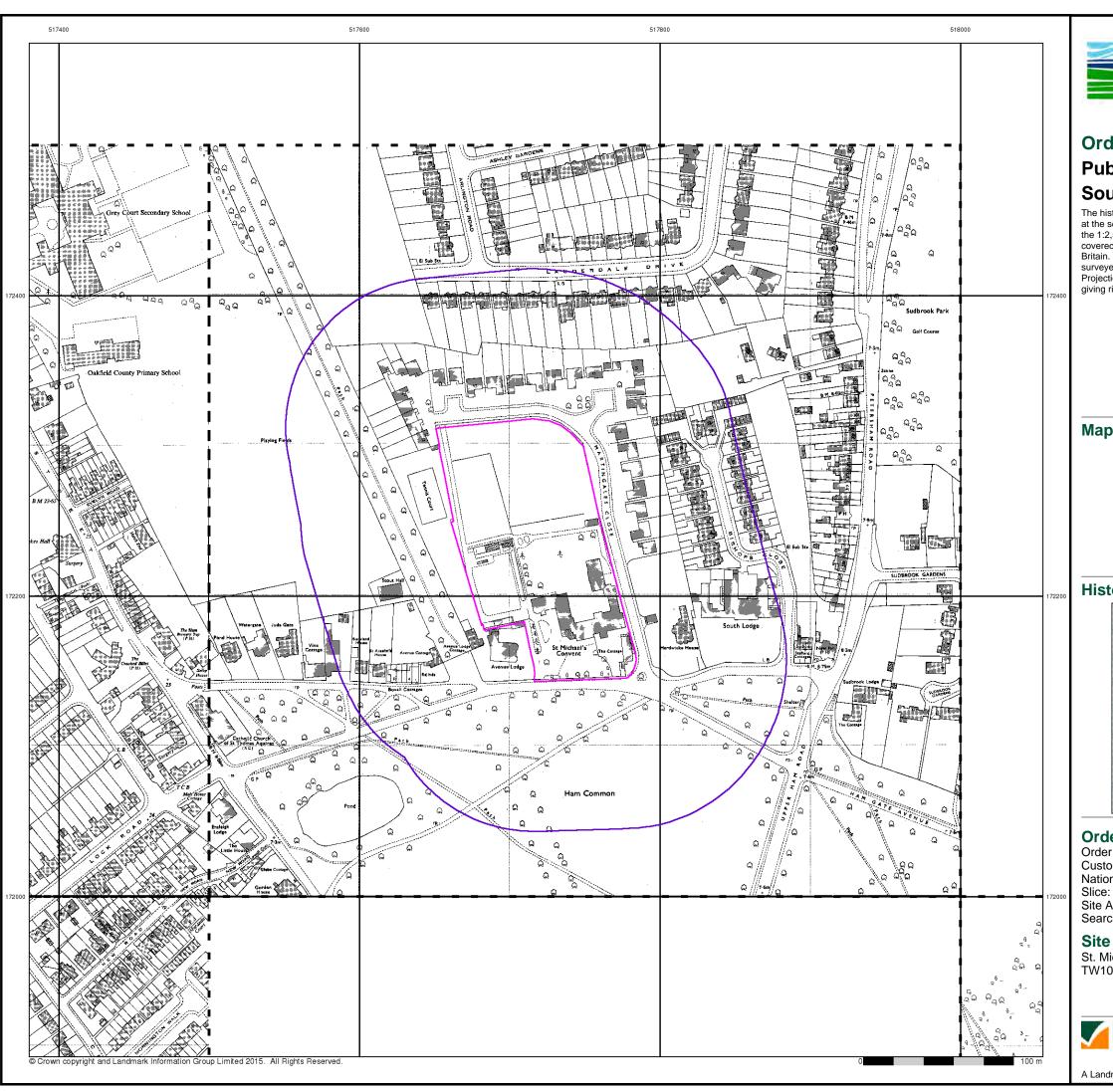
St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH



ol: 0844 844 9952 ax: 0844 844 9951 eb: www.envirocheck.

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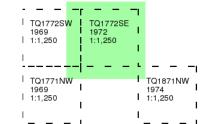




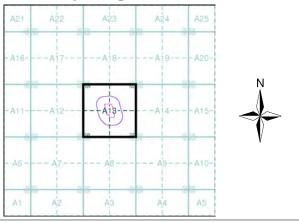
# **Ordnance Survey Plan** Published 1969 - 1974 Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

# Map Name(s) and Date(s)



# **Historical Map - Segment A13**



### **Order Details**

Order Number: 73071210\_1\_1 Customer Ref: A2392 Richmond National Grid Reference: 517720, 172230

Site Area (Ha): Search Buffer (m): 1.55 100

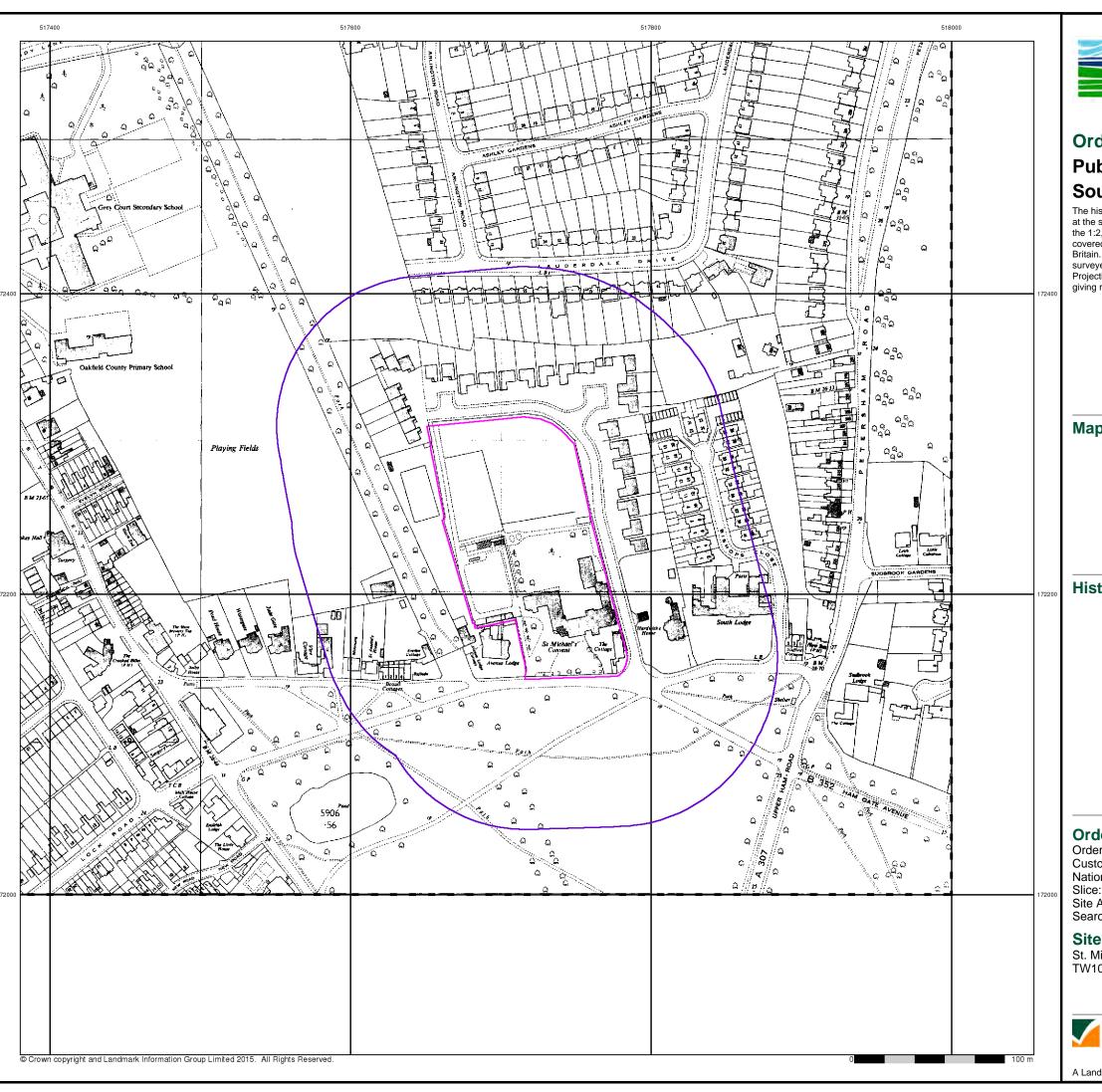
### **Site Details**

St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH



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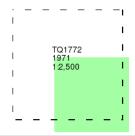




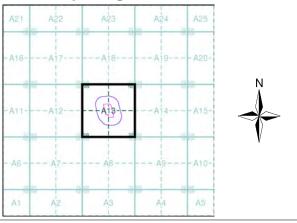
# Ordnance Survey Plan Published 1971 Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

# Map Name(s) and Date(s)



# **Historical Map - Segment A13**



### **Order Details**

Order Number: 73071210\_1\_1
Customer Ref: A2392 Richmond
National Grid Reference: 517720, 172230

Site Area (Ha): 1.55 Search Buffer (m): 100

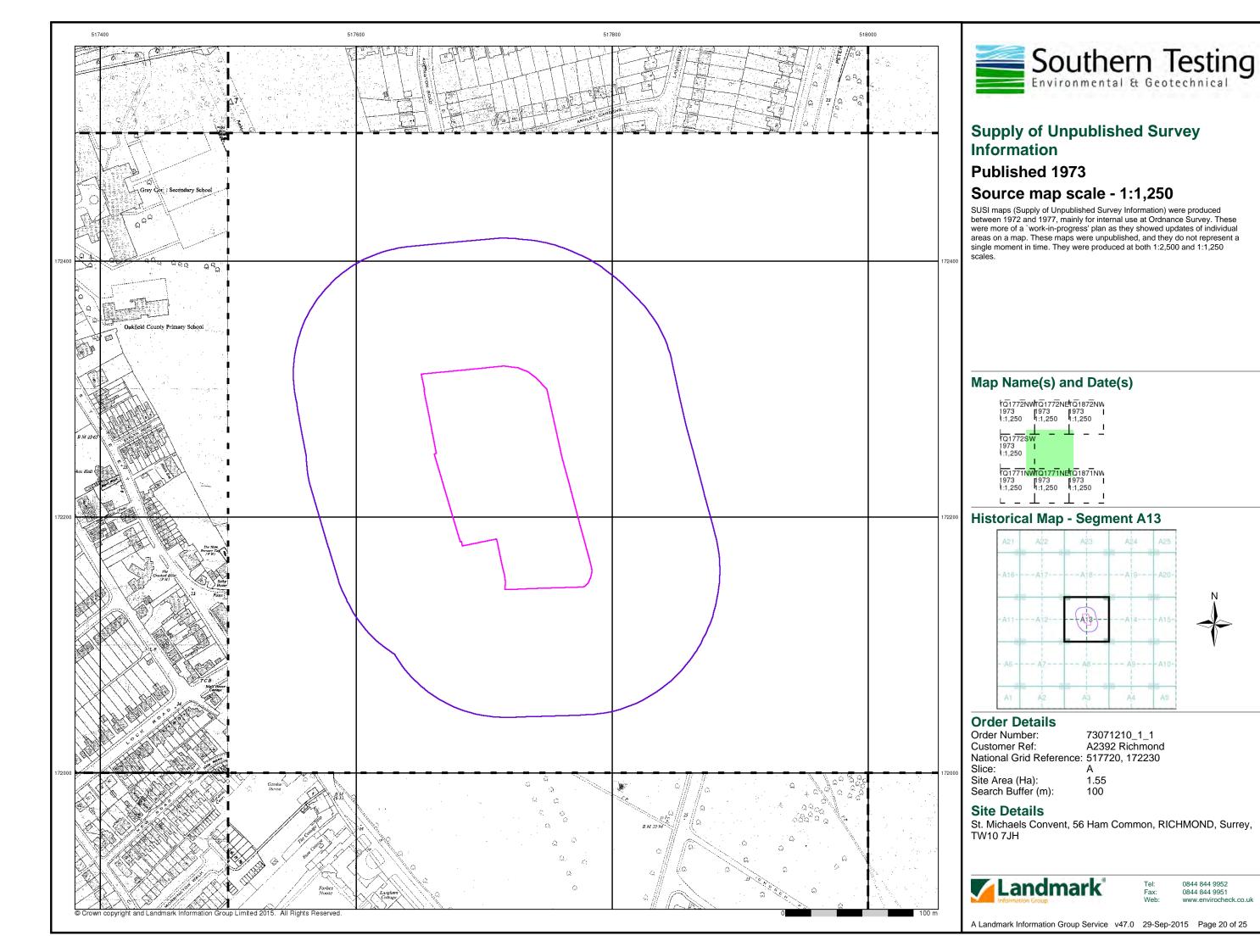
### Site Details

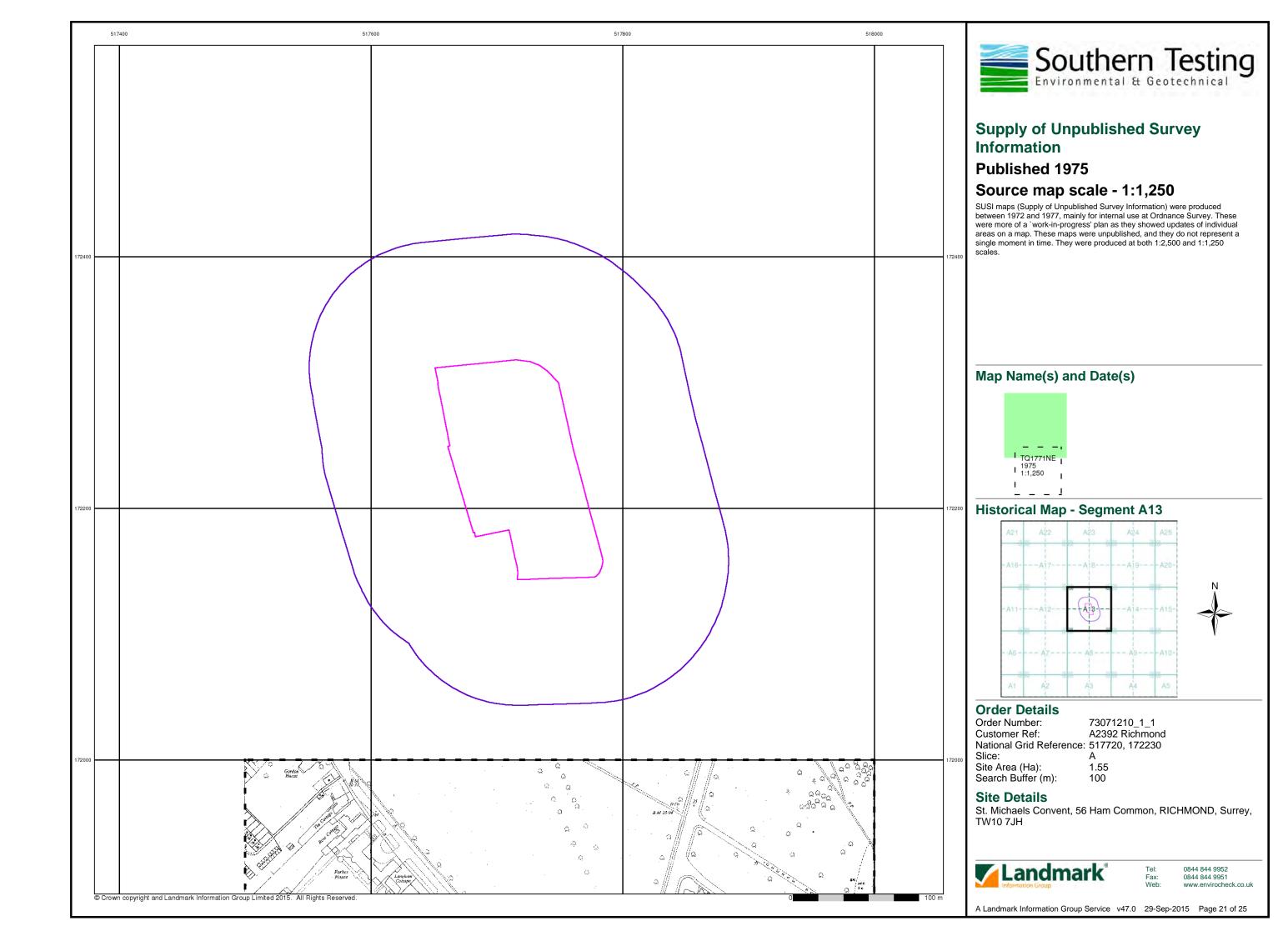
St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH

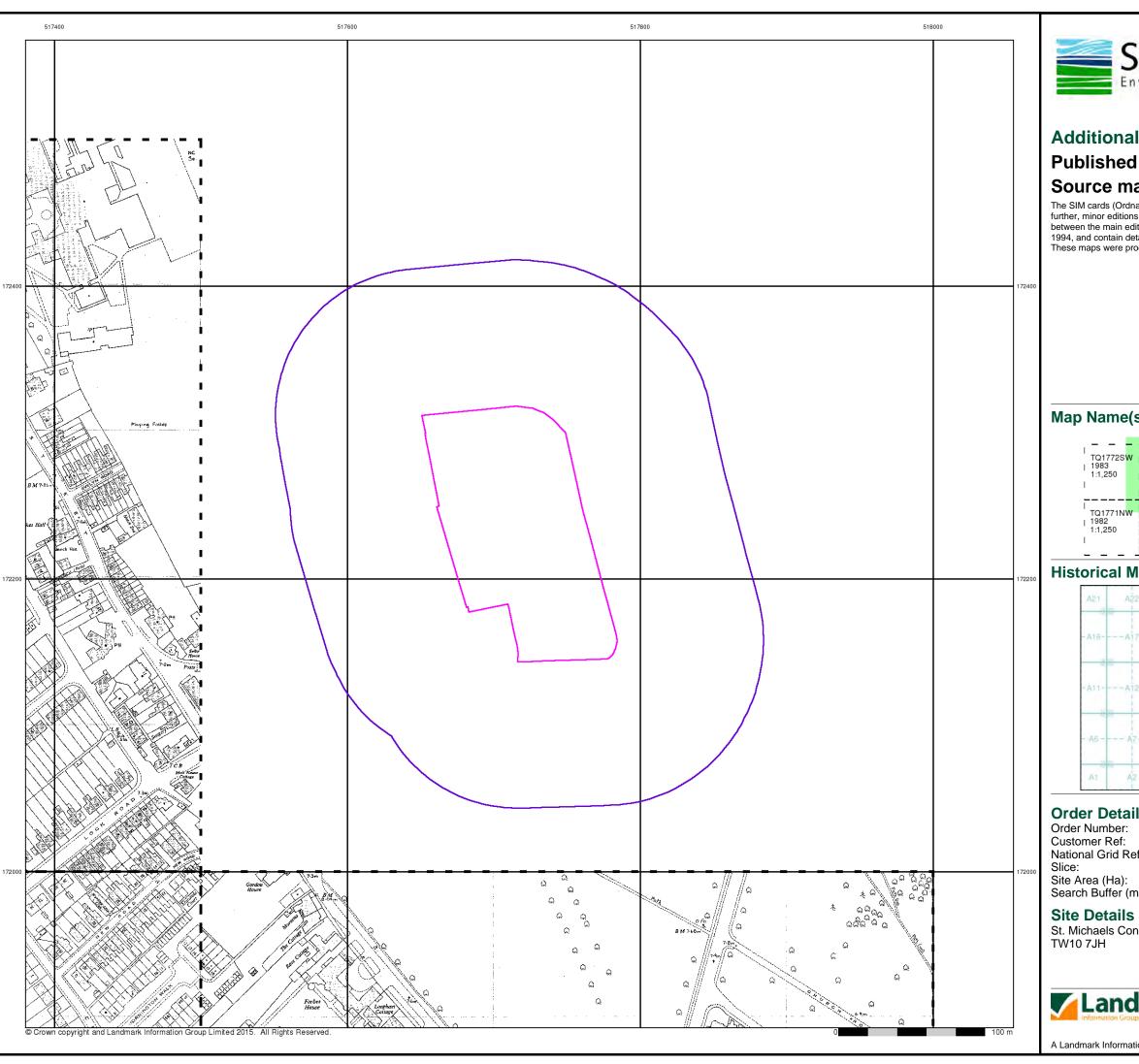


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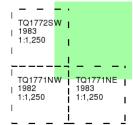


# **Additional SIMs**

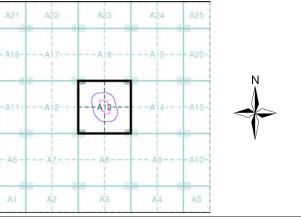
# **Published 1982 - 1983** Source map scale - 1:1,250

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

# Map Name(s) and Date(s)



# **Historical Map - Segment A13**



# **Order Details**

Order Number: 73071210\_1\_1 Customer Ref: A2392 Richmond National Grid Reference: 517720, 172230 Α

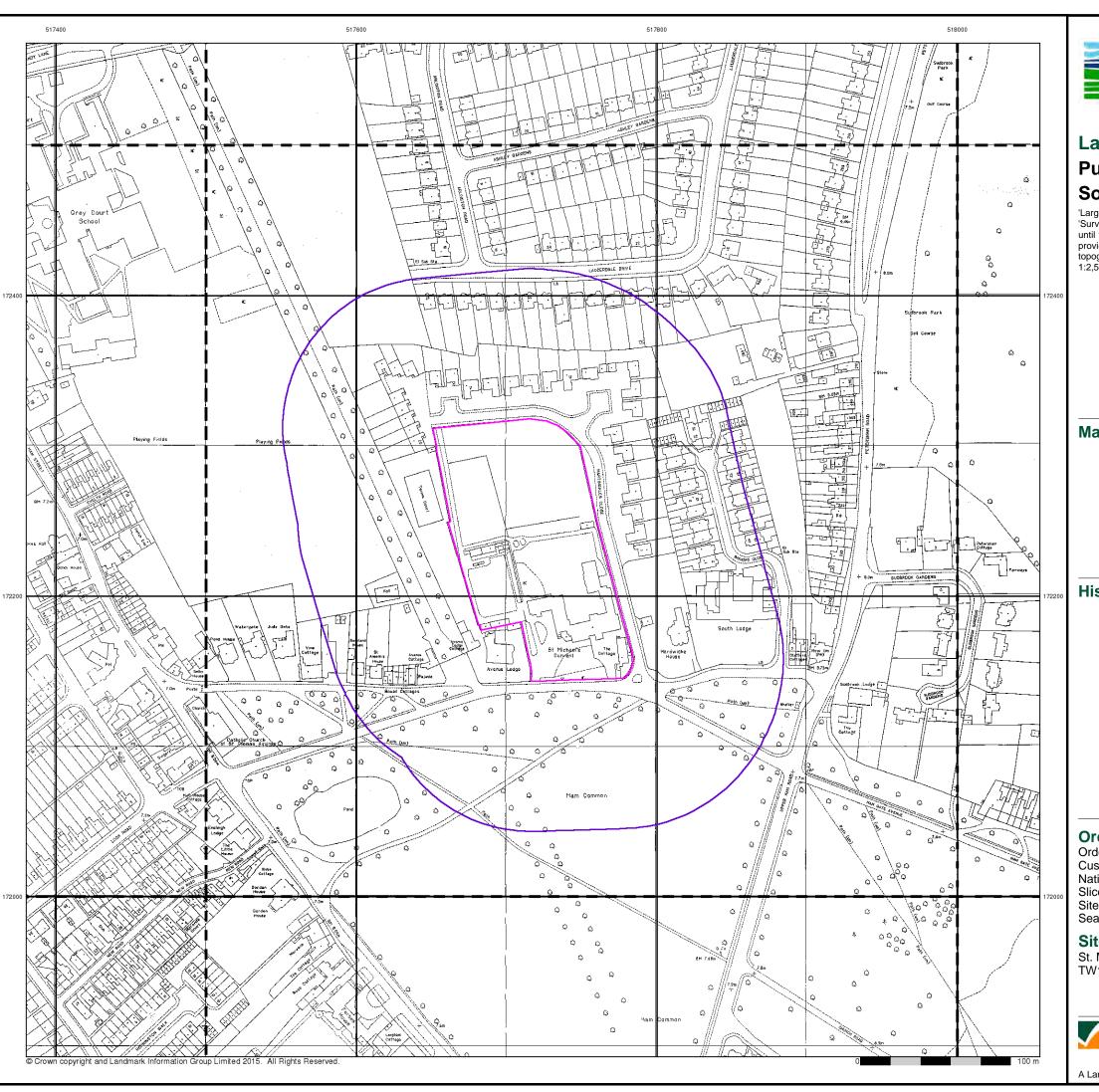
Site Area (Ha): Search Buffer (m): 1.55 100

St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey,



0844 844 9952

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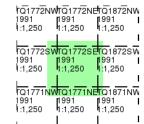




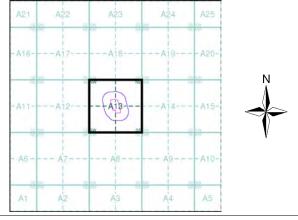
# **Large-Scale National Grid Data** Published 1991 Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

# Map Name(s) and Date(s)



# **Historical Map - Segment A13**



### **Order Details**

Order Number: 73071210\_1\_1 Customer Ref: A2392 Richmond National Grid Reference: 517720, 172230 Slice:

Site Area (Ha): Search Buffer (m): 1.55 100

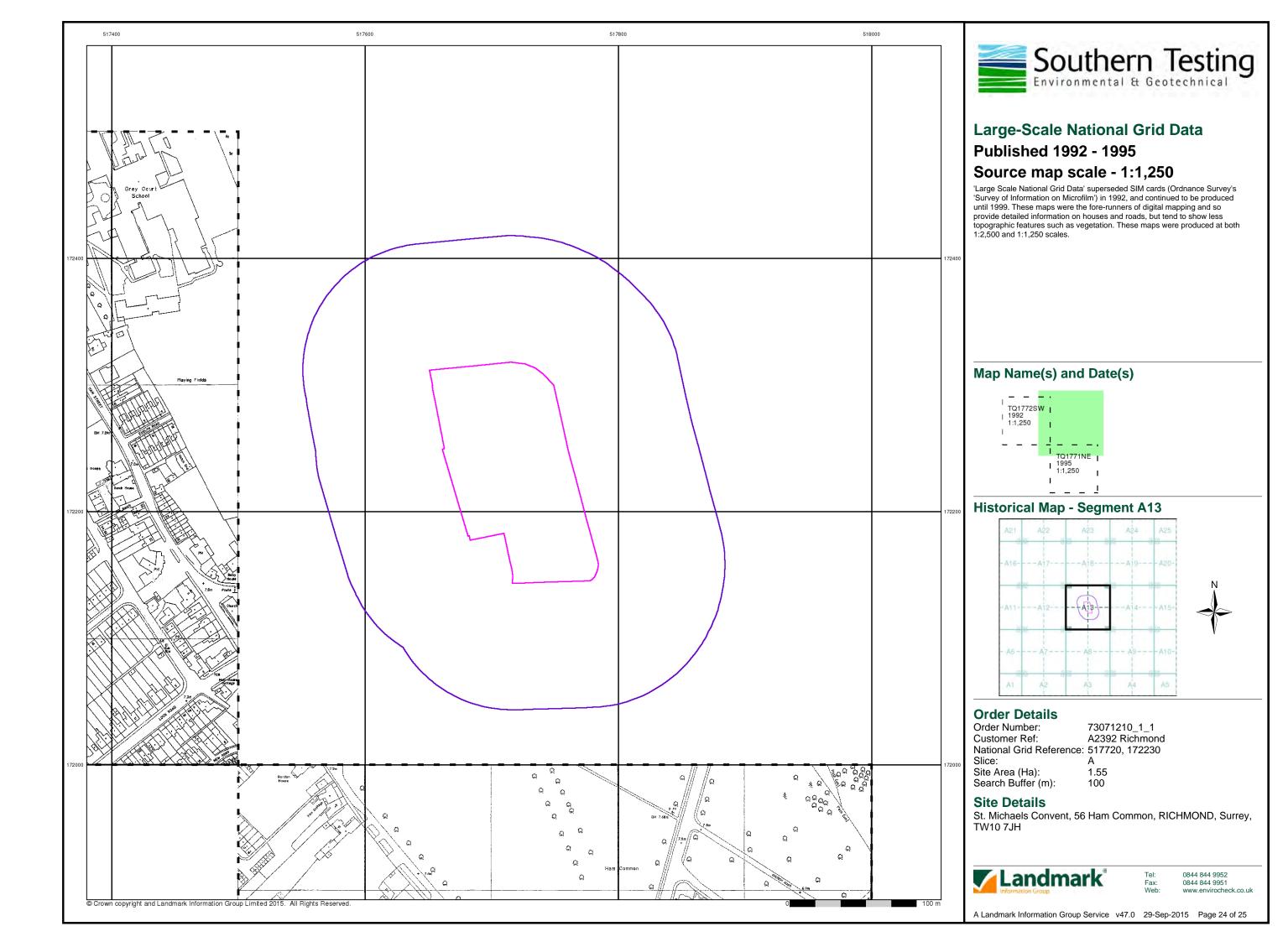
### **Site Details**

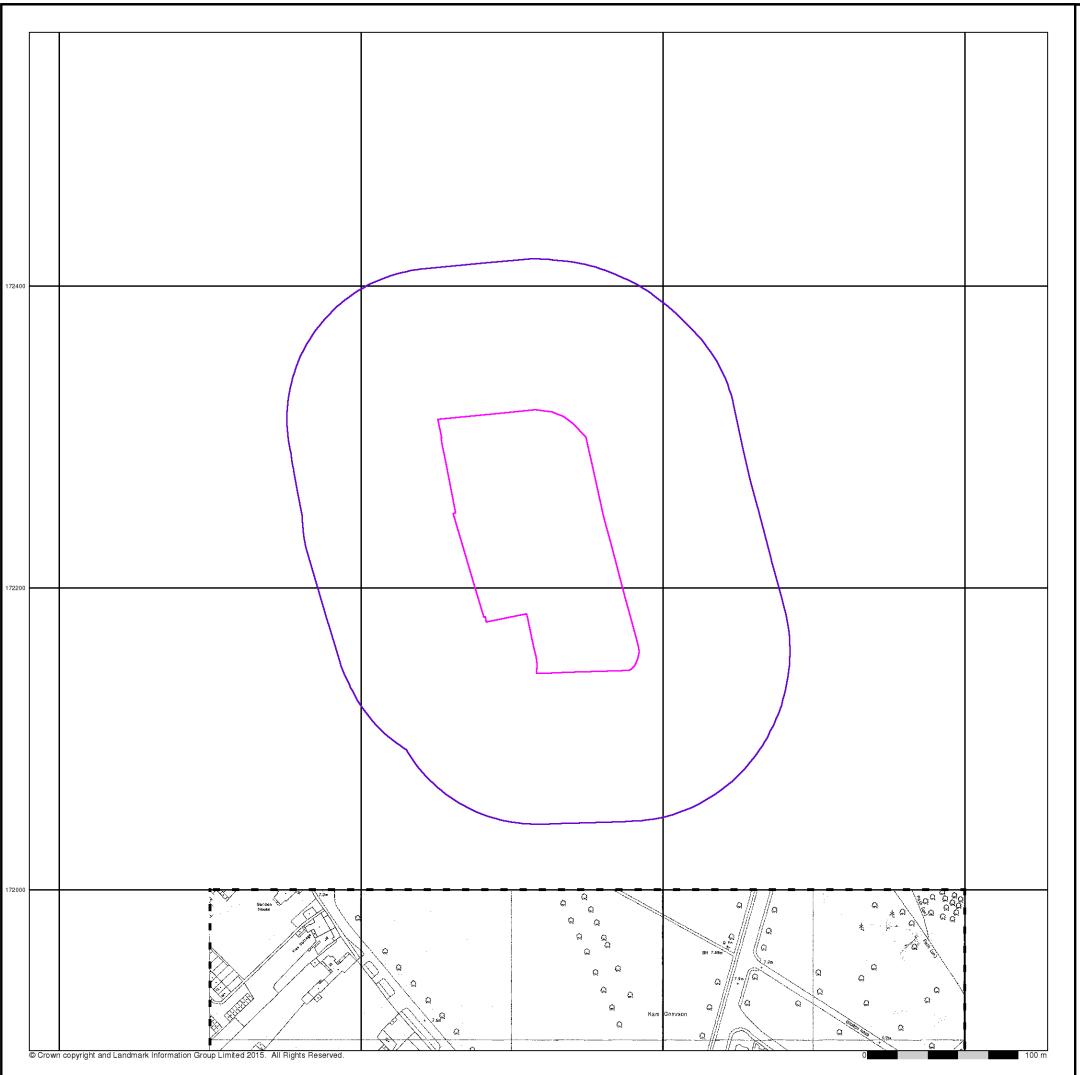
St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH



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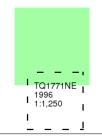


# Large-Scale National Grid Data Published 1996

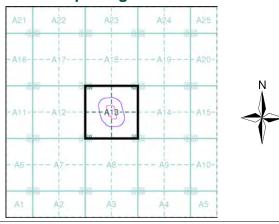
# Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

# Map Name(s) and Date(s)



# **Historical Map - Segment A13**



# **Order Details**

Order Number: 73071210\_1\_1
Customer Ref: A2392 Richmond
National Grid Reference: 517720, 172230
Slice: A

Slice: A
Site Area (Ha): 1.55
Search Buffer (m): 100

### **Site Details**

St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH

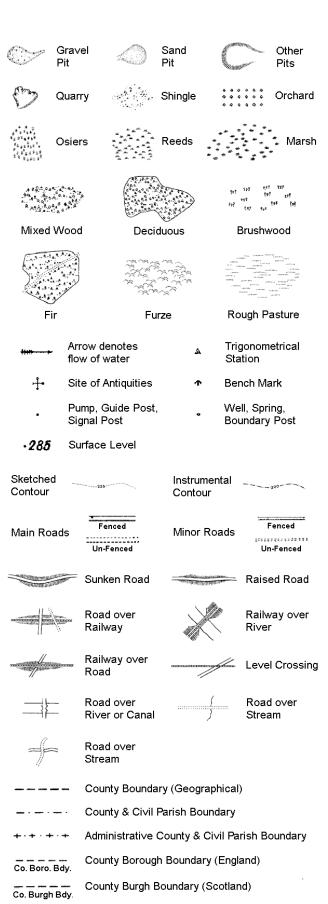


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# **Historical Mapping Legends**

# **Ordnance Survey County Series 1:10,560**



Rural District Boundary

····· Civil Parish Boundary

R.D. Bdy.

# Ordnance Survey Plan 1:10,000

وسرسه	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
(	Refuse or Slag Heap	<b></b>	Lake, Loch or Pond
	Dunes	000	Boulders
<b>弁</b>	Coniferous Trees	4	Non-Coniferous Trees
ቀ ቀ	Orchard Ωο_	Scrub	∖Y <sub>n</sub> v Coppice
ជ ជ ជ	Bracken	Heath '	、 、 , , , Rough Grassland
<u> </u>	- Marsh ····V///	Reeds	— <u>১</u> ≤ Saltings
[*************************************	Direc Building	tion of Flow of	Water
***	Glasshouse	<i>3</i> //	Sand
<b>******</b>	Sloping Masonry	Pylon — — — — Pole — — • —	Electricity Transmission Line
	*************		
		el Foot	Multiple Track  Standard Gauge Single Track
Under	Over Cross	sing Bridg	Siding, Tramway or Mineral Line
			→ Narrow Gauge
	Geographical Co	unty	
	Administrative C or County of City		Borough
	Municipal Borou Burgh or District		ural District,
	Borough, Burgh Shown only when n		
	— Civil Parish Shown alternately w	vhen coincidence	of boundaries occurs
BP, BS Ch	Boundary Post or Stone Church	Pol Sta PO	Police Station Post Office
CH E E Sto	Club House	PC BLI	Public Convenience
F E Sta FB	Fire Engine Station Foot Bridge	PH SB	Public House Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	тсв	Telephone Call Box
MD	Mile Bost	TCD	Tolophono Call Boot

Mile Post

TCP

Telephone Call Post

# 1:10,000 Raster Mapping

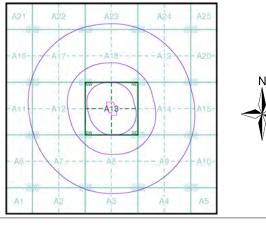
	Gravel Pit		Refuse tip or slag heap
	Rock	3 3	Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle	Mud	Mud
Sand	Sand		Sand Pit
**********	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)	• • • • •	Ci∨il, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
۵ <sup>۵</sup>	Area of wooded vegetation	۵ <sup>۵</sup> ۵	Non-coniferous trees
<i>۵</i>	Non-coniferous trees (scattered)	**	Coniferous trees
* *	Coniferous trees (scattered)	Ċ̈́	Positioned tree
ф ф ф ф	Orchard	* *	Coppice or Osiers
alli,	Rough Grassland	www.	Heath
On_	Scrub	7/√\r 7/√\r	Marsh, Salt Marsh or Reeds
4	Water feature	<b>← ←</b>	Flow arrows
MHW(S)	Mean high water (springs)	MLW(S)	Mean low water (springs)
-••-	Telephone line (where shown)	<b></b>	Electricity transmission line (with poles)
← BM 123.45 m	Bench mark (where shown)	Δ	Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)	$\boxtimes$	Pylon, flare stac or lighting tower
•‡•	Site of (antiquity)		Glasshouse
	General Building		Important Building



# **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1869 - 1873	3
Surrey	1:10,560	1871	4
London	1:10,560	1896	5
Surrey	1:10,560	1898 - 1899	6
London	1:10,560	1919 - 1920	7
Middlesex	1:10,560	1920	8
Middlesex	1:10,560	1920	9
Surrey	1:10,560	1920	10
Surrey	1:10,560	1920	11
Surrey	1:10,560	1933	12
Middlesex	1:10,560	1934 - 1935	13
Surrey	1:10,560	1938	14
Middlesex	1:10,560	1938	15
Surrey	1:10,560	1938	16
London	1:10,560	1938	17
Ordnance Survey Plan	1:10,000	1940	18
Historical Aerial Photography	1:10,560	1948	19
Ordnance Survey Plan	1:10,000	1966	20
Ordnance Survey Plan	1:10,000	1975	21
London	1:25,000	1985	22
Ordnance Survey Plan	1:10,000	1992	23
10K Raster Mapping	1:10,000	2006	24
VectorMap Local	1:10,000	2015	25

# **Historical Map - Slice A**



### **Order Details**

Order Number: 73071210\_1\_1 Customer Ref: A2392 Richmond National Grid Reference: 517720, 172230 Slice:

Site Area (Ha): 1.55 Search Buffer (m): 1000

#### **Site Details**

St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH

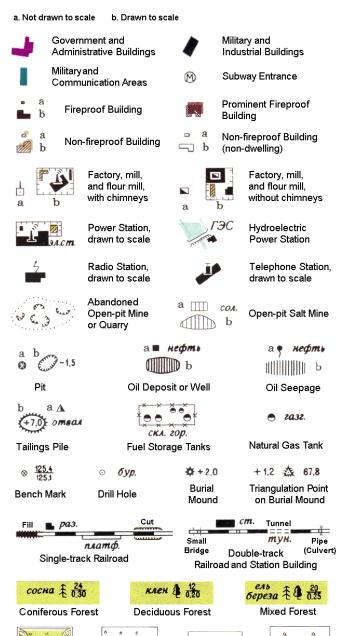


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# **Russian Military Mapping Legends**

# 1:5,000 and 1:10,000 mapping





243.8



the diameter of trees







Яя (YA or IA)

Heavy (Index)

Contour Line

Contour Line

and Value

Half Contour

Line

Spot Elevation

Value



186,0	Numbers for spot elevations, depth soundings, contour lines, etc.
0,2	Velocity of the current, width of river bed, depth of river
180 180	Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and

Russian Alp	habet (Forrefere	nce and phonetic i	interpretation of map text)
A a (A)	3 3 (Z)	Пп(Р)	Чч (СН)
Бб (В)	И и (1)	P p (R)	Шш (SH)
B B (V)	Йй(Y)	$\mathbf{C} \mathbf{c} (\mathbf{s})$	Щ щ (SHCH)
$\Gamma$ r (G)	K K (K)	<b>T</b> T (T)	ъ (-)
Дд(D)	Лл(L)	$\mathbf{y} \mathbf{y} (\mathbf{u})$	ы (Y)
E e (E)	M M (M)	Фф (F)	ь (')
Ë ë (YO)	H н (N)	X x (KH)	Э э (Е)
Жж (ZH)	O o (o)	Цц(тѕ)	Ю ю (YU or IU)

# 1:25,000 mapping

		ale b. Drawn	to scale			
4		rnment and nistrative Build	lings		/lilitary a ndustria	and al Buildings
		ryand munication Are	as	M S	Subway	Entrance
	Buildi	-	3	888 c	Demolis	hed Buildings
	Firep	Jp Area with roof Buildings ominant		//////////////////////////////////////		Area with eproof Buildings inant
a b	Indivi Buildi	dual Fireproof ng		-	Promine Building	ent Industrial
	Indivi Firep	dual Dwelling, roof			Ruins of Owelling	an Individual J
<b>™</b>		🖁 бум.		□ скиг	ı.	♀ медн.
Factory of		Factory or N with Chimn		Factory or N ithout Chim		Mine or Open Pit Mine
<b>ж</b> кам.	•	*			0 <b>.4</b> .	Δ
Operatir Shaft or N		Non-Operat Shaft or Mi		Salt Mine		Tailings Pile
<i>00</i> - <i>1</i>	.7	CA. nec. K	A)	<b>P</b>		•
Pit		Stone Qua	rn/	Gas Pump ervice Stat		Fuel Storage or atural Gas Tank
8		$\times$		×		= 6.mp.
Oil or Natı Gas Derr		Small Hydroel Power Stati		ower Statio	on	Transformer Station
•			./	₫ 95.7		△ 92.6
Cemeter	у	Burial Mour (height in me		angulation I Burial Mo		Triangulation Point
<b>□ 52.</b> /		e 7/./		×		I
Bench Ma	ark	Bench Mar (monumente		Telegraph Office		Telephone Station
≨ Radio Sta	tion	్డే Radio Towe	er	† Airfield or	ı	♀ Landing Strip
iliaalo ota		1000		eaplane Ba	-	anding outp
Cut	Fill	Km Post Planti	ngs <u> </u>		Wid	ith of Road
		Telephone Lines lighway	Higl	hway under		Steep Grade roved Dirt Road mer truck road)
Small Bridge	cm.		Tunnel			Railroad
		ck Railroad witl ass Station	h			Construction
Comment of the second	Secret &	The state of the s	2.4	Direction and		er Gauge
Shore Embankr		River or Dito Embankn	h with	ofcurr	ent /3:	
407.0						
0 K. 125.0 (2	-coa.)	■ e∂xp.		156,2 📍 K.A.	-	20
∘ <i>K.</i> ½3,0 (2. Well		■ øðxp. Water Reser Rain Wate		Spring	Iso	bath with value

# **Key to Numbers on Mapping**

#### **TQ17 London**

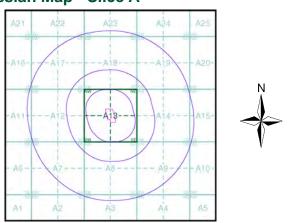
_	
. Desc	cription
Depo	ot (Fire Service)
Fact	ory (Aircraft)
	Depo



# **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1869 - 1873	3
Surrey	1:10,560	1871	4
London	1:10,560	1896	5
Surrey	1:10,560	1898 - 1899	6
London	1:10,560	1919 - 1920	7
Middlesex	1:10,560	1920	8
Middlesex	1:10,560	1920	9
Surrey	1:10,560	1920	10
Surrey	1:10,560	1920	11
Surrey	1:10,560	1933	12
Middlesex	1:10,560	1934 - 1935	13
Surrey	1:10,560	1938	14
Middlesex	1:10,560	1938	15
Surrey	1:10,560	1938	16
London	1:10,560	1938	17
Ordnance Survey Plan	1:10,000	1940	18
Historical Aerial Photography	1:10,560	1948	19
Ordnance Survey Plan	1:10,000	1966	20
Ordnance Survey Plan	1:10,000	1975	21
London	1:25,000	1985	22
Ordnance Survey Plan	1:10,000	1992	23
10K Raster Mapping	1:10,000	2006	24
VectorMap Local	1:10,000	2015	25

# **Russian Map - Slice A**



#### **Order Details**

Order Number: 73071210\_1\_1 Customer Ref: A2392 Richmond National Grid Reference: 517720, 172230

Slice:

Site Area (Ha): 1.55 Search Buffer (m): 1000

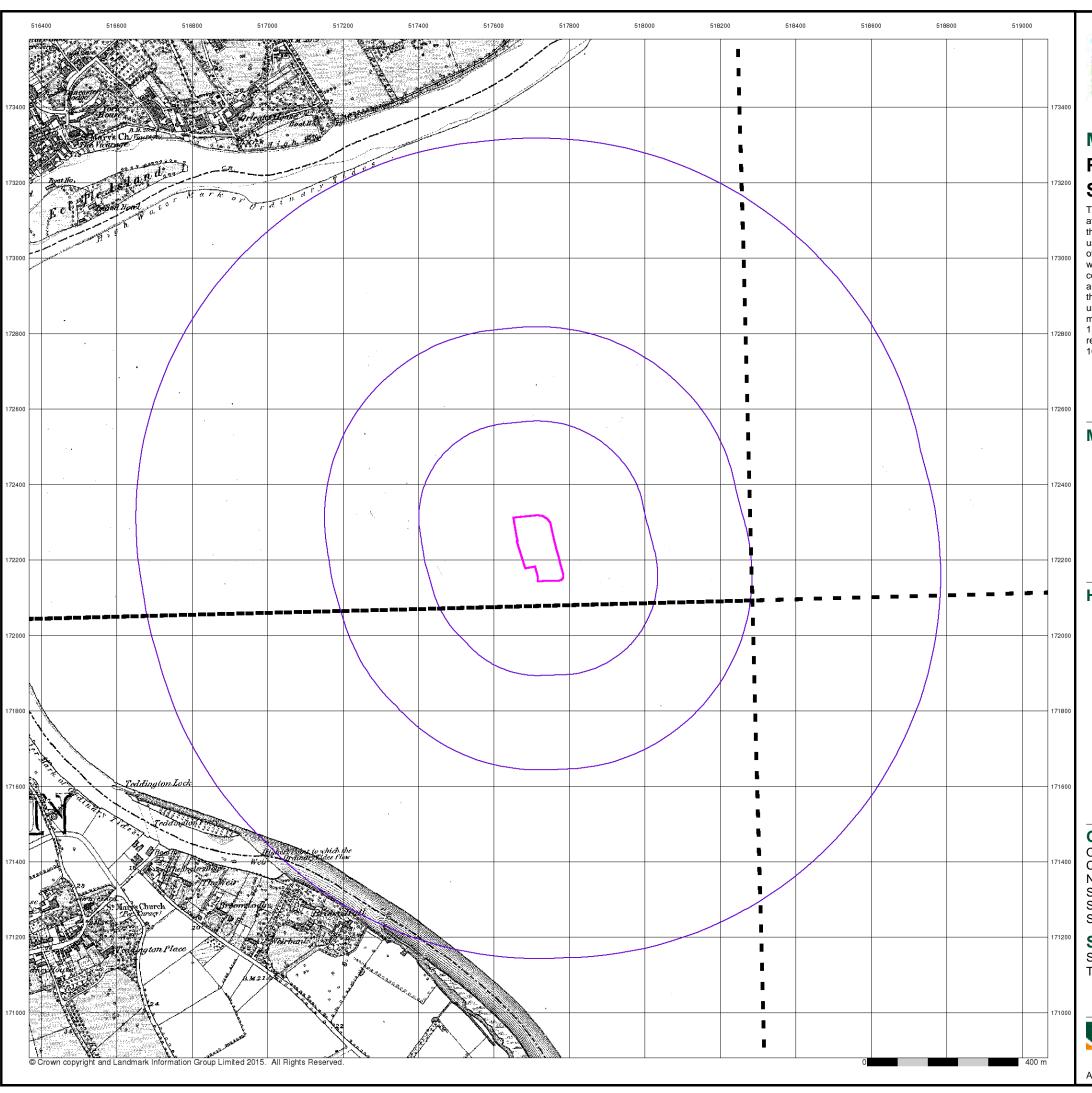
### **Site Details**

St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH



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# **Middlesex**

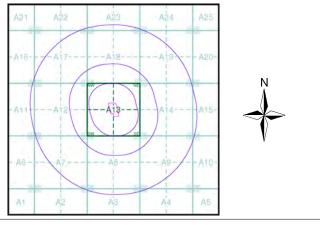
# Published 1869 - 1873 Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

# Map Name(s) and Date(s)

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- 1	1:10,560		1:10,560	- 1
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- 1	02500 1869	T		
I	1:10,560	- 1		
1				

# **Historical Map - Slice A**



# **Order Details**

Order Number: 73071210\_1\_1
Customer Ref: A2392 Richmond
National Grid Reference: 517720, 172230
Slice: A

Site Area (Ha): 1.55 Search Buffer (m): 1000

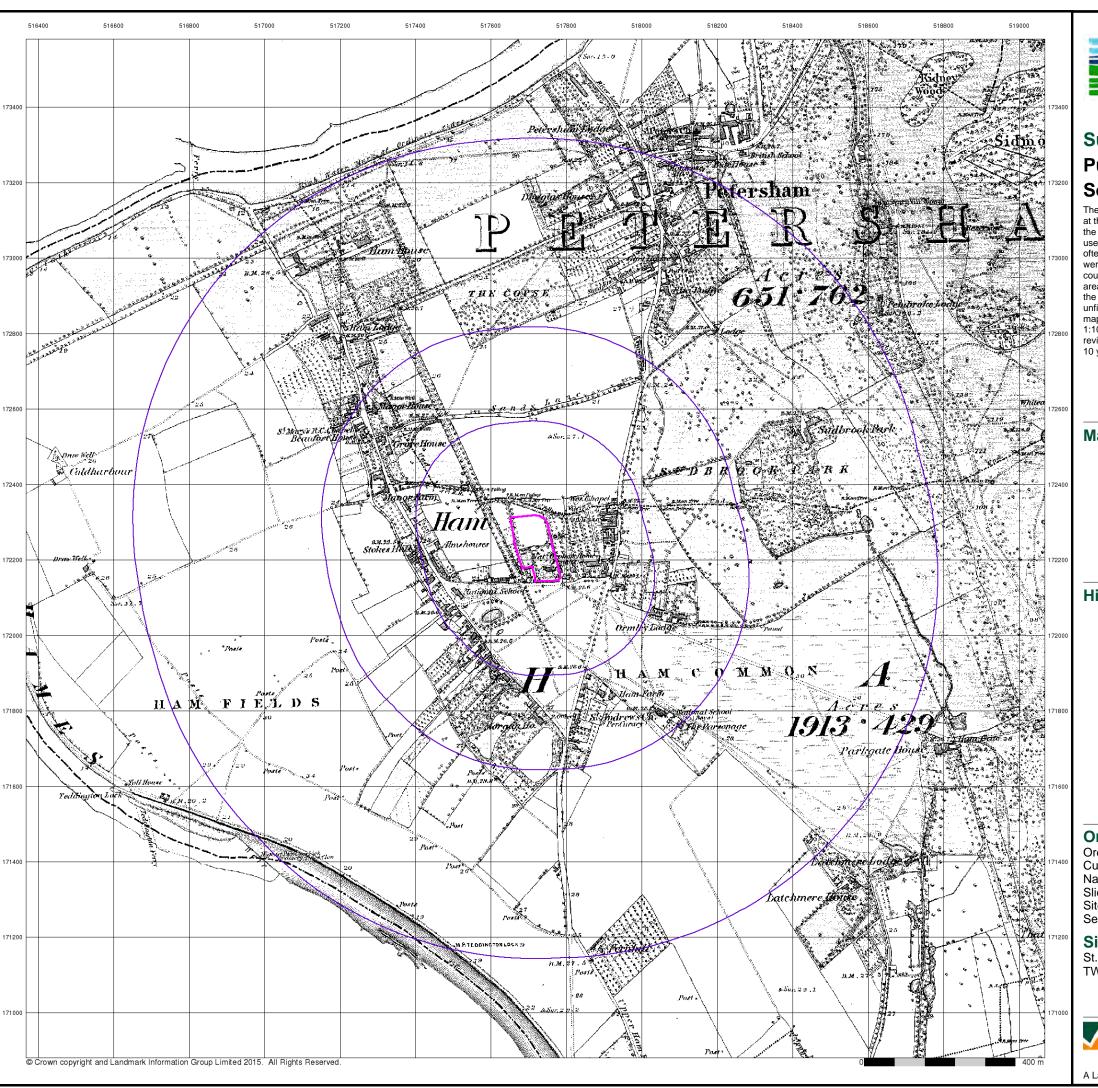
### **Site Details**

St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH



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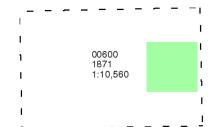


# **Surrey**

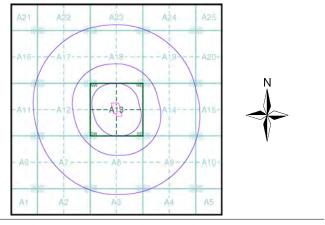
# **Published 1871** Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

# Map Name(s) and Date(s)



# **Historical Map - Slice A**



#### **Order Details**

Order Number: 73071210\_1\_1 Customer Ref: A2392 Richmond National Grid Reference: 517720, 172230 Slice:

Site Area (Ha): 1.55 Search Buffer (m): 1000

#### **Site Details**

St. Michaels Convent, 56 Ham Common, RICHMOND, Surrey, TW10 7JH



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