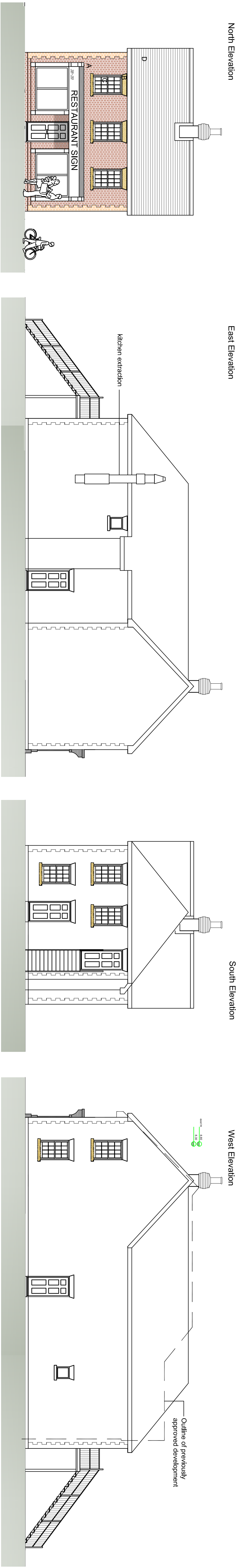
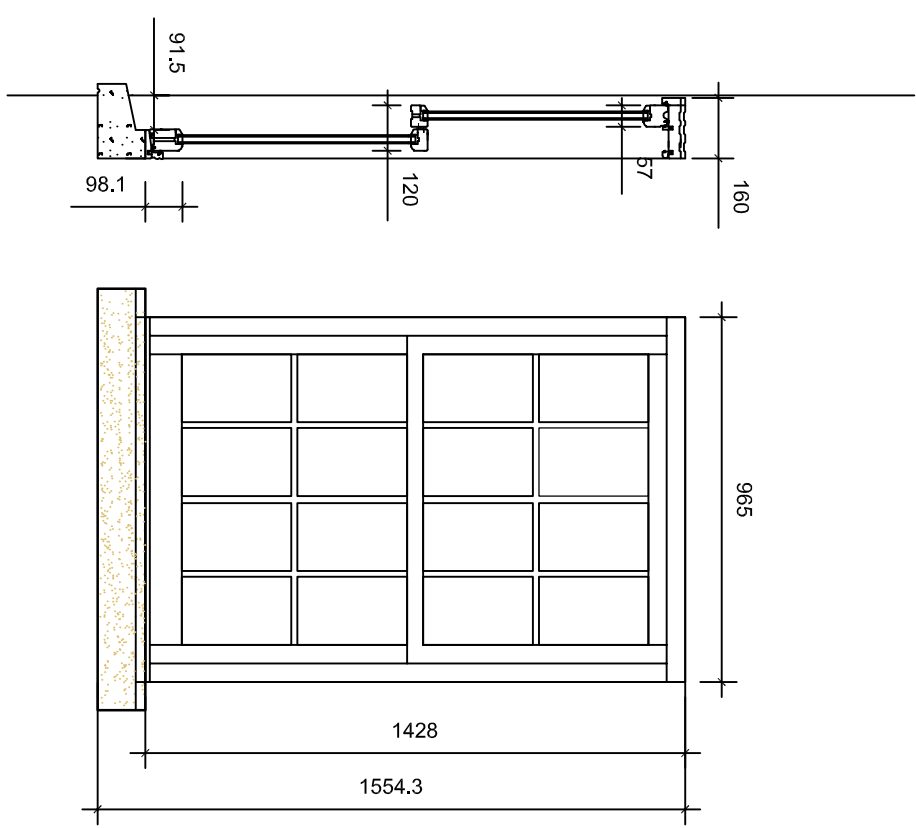
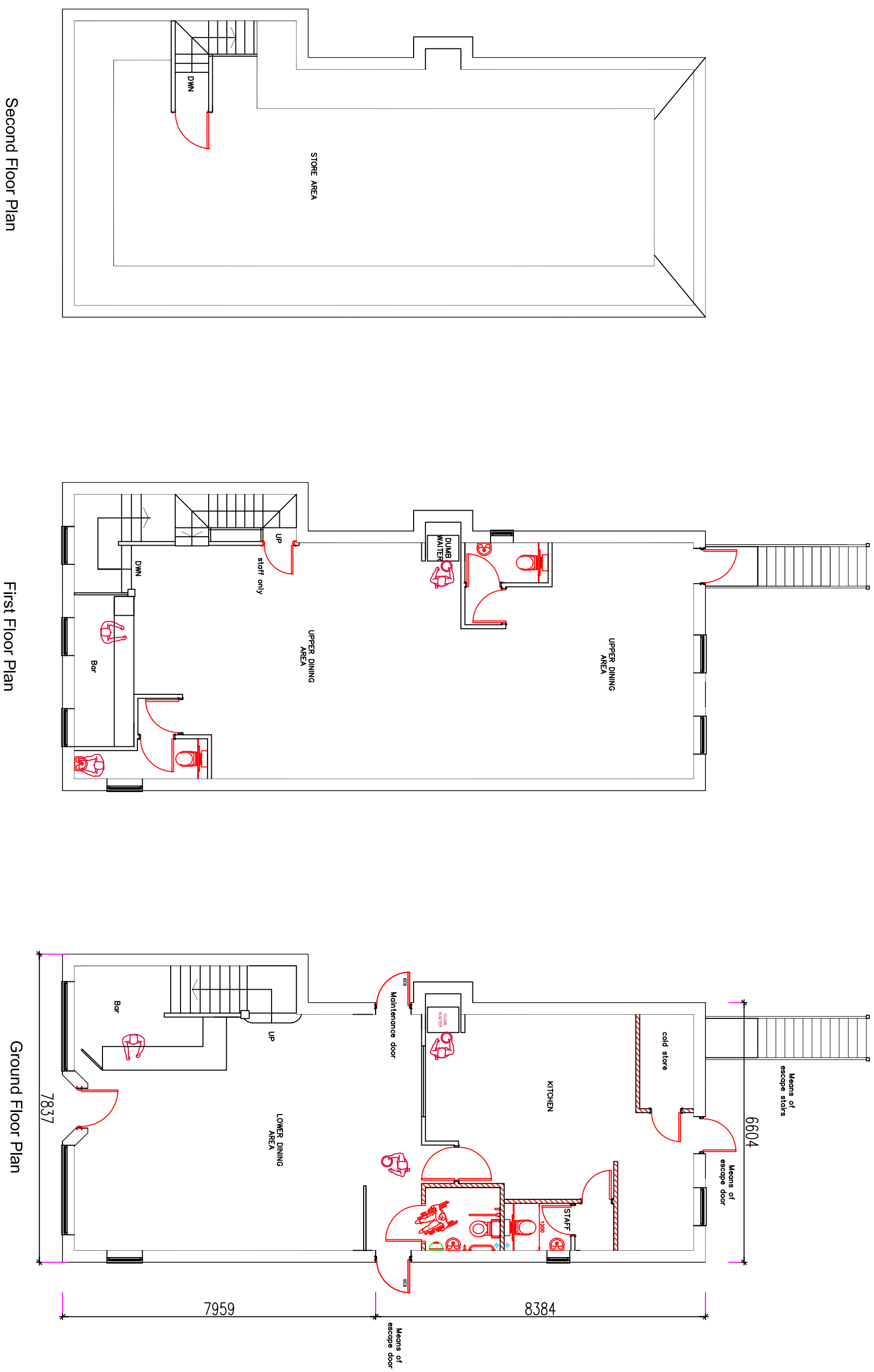

APPENDIX A: Proposed redevelopment site plan



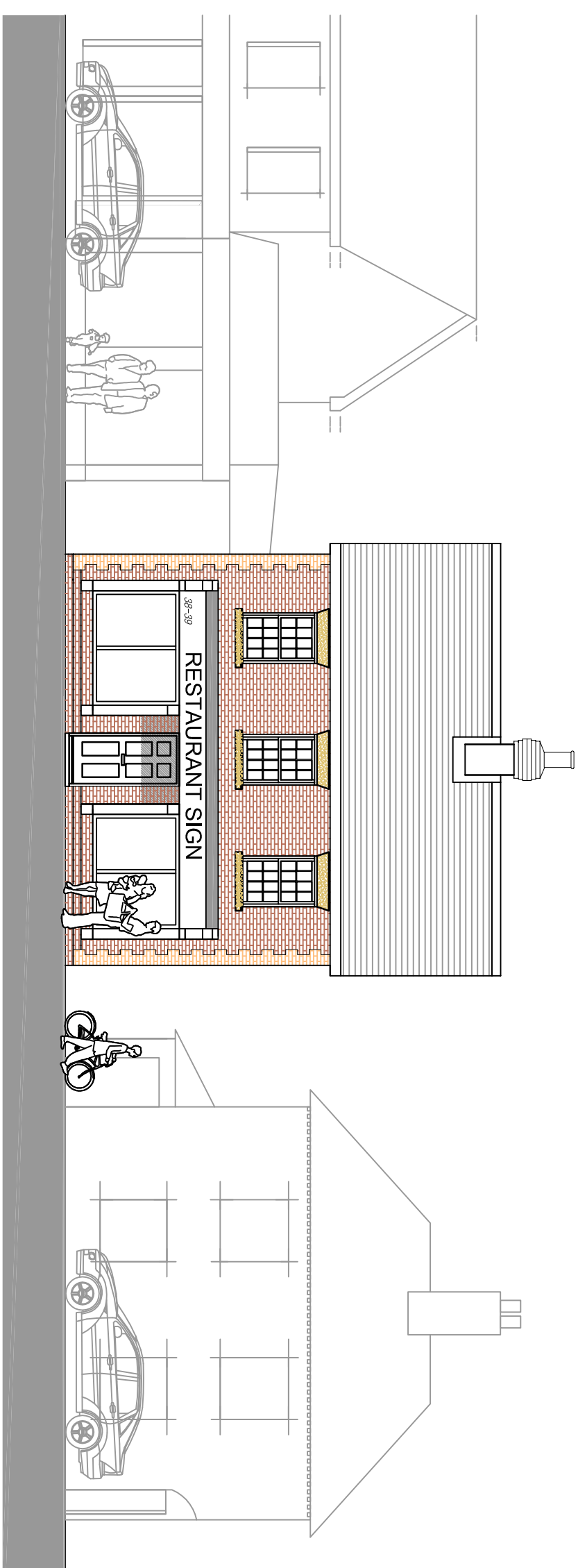
NOTES



Scale in Metres
0 1 2 3 4 5 for 1:100



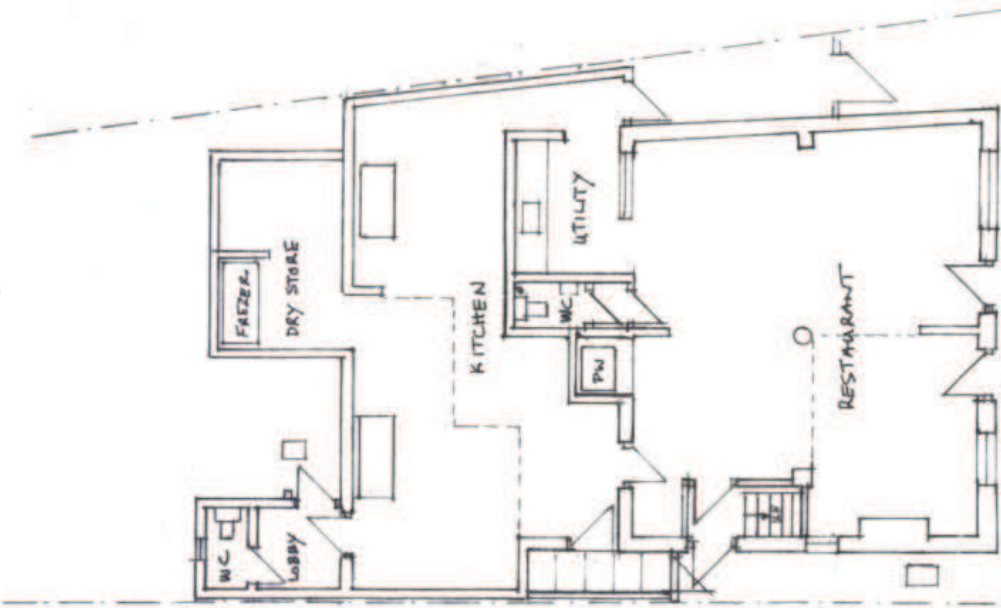
Typical Window Detail



Materials Schedule

- A Proposed facing brick with contrasting coin feature
- B Flemish Garden Wall Brickwork
- C Contrasting cill and head
- D Double glazed timber windows
- E Plain tile roof with contrasting hip and ridge tiles

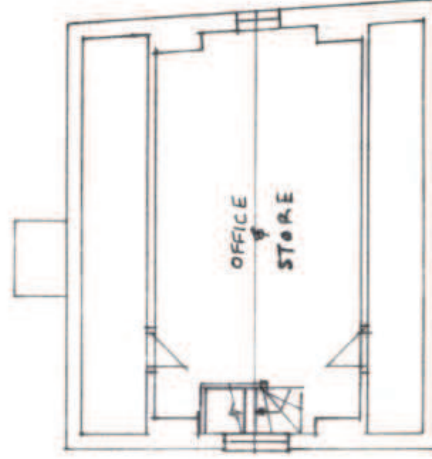
Project :		Dr M Gupta 36 - 38 North St Emsworth Hampshire	
Drawing Title :		Proposed Re-Development	
Chris Flint Associates Ltd CHARTERED SURVEYORS - PROJECT MANAGERS DEVELOPMENT CONSULTANTS			
Drawn By	Date	Checked By	Date
CF	01/06/15		
Revision No.	Revision	Scale	
CFA	FULL	D	1:100 - 500
PLANNING			
2 Emerald Close Waterlooville, Hants PO7 7NZ tel: 023 92 432484 fax: 023 92 358554 Email: chris@flintassociates.co.uk			



GROUND



FIRST



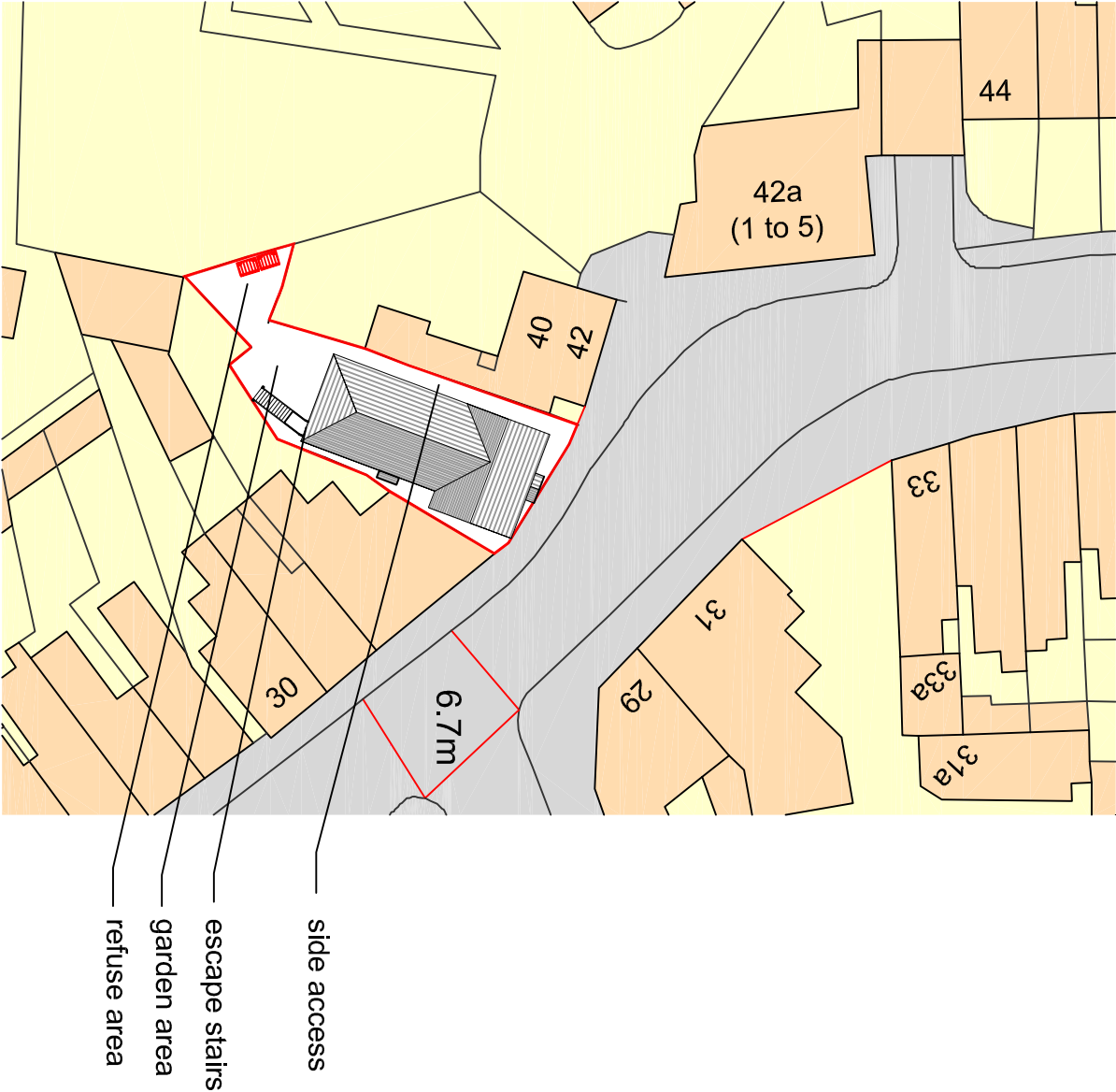
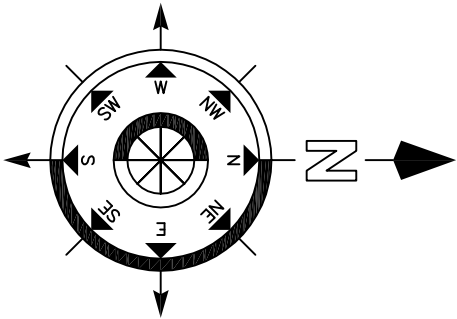
SECOND

EXISTING FLOOR PLANS

PROJECT: Proposed Extensions & Alterations
 DRAWING: Existing Floor Plans SCALE: 1:100
 ADDRESS: 36-38 North Street Emsworth PO10 7DG
 CLIENT: Mr M Gupta TELE: [REDACTED]

SCALE: 1:100 @ A3
 0 1 2 3 4

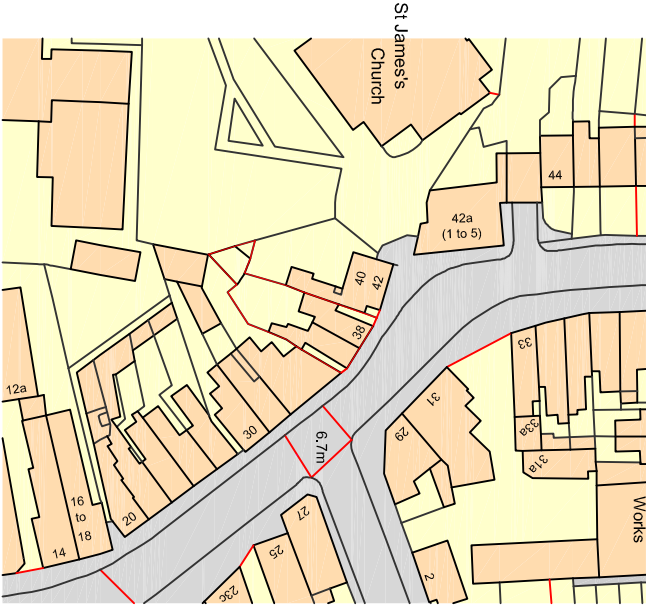
HAVANT BOROUGH
 COUNCIL
 - 8 JAN 2015
 RECEIVED



Scale in Metres

0 5 10 15 20 25

for 1:500



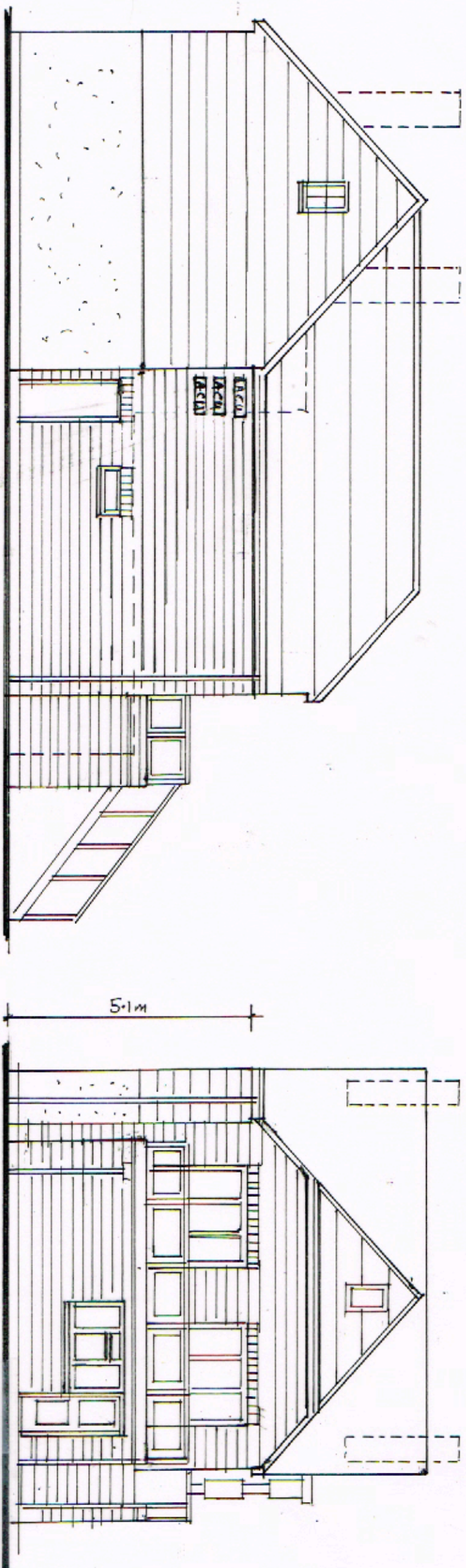
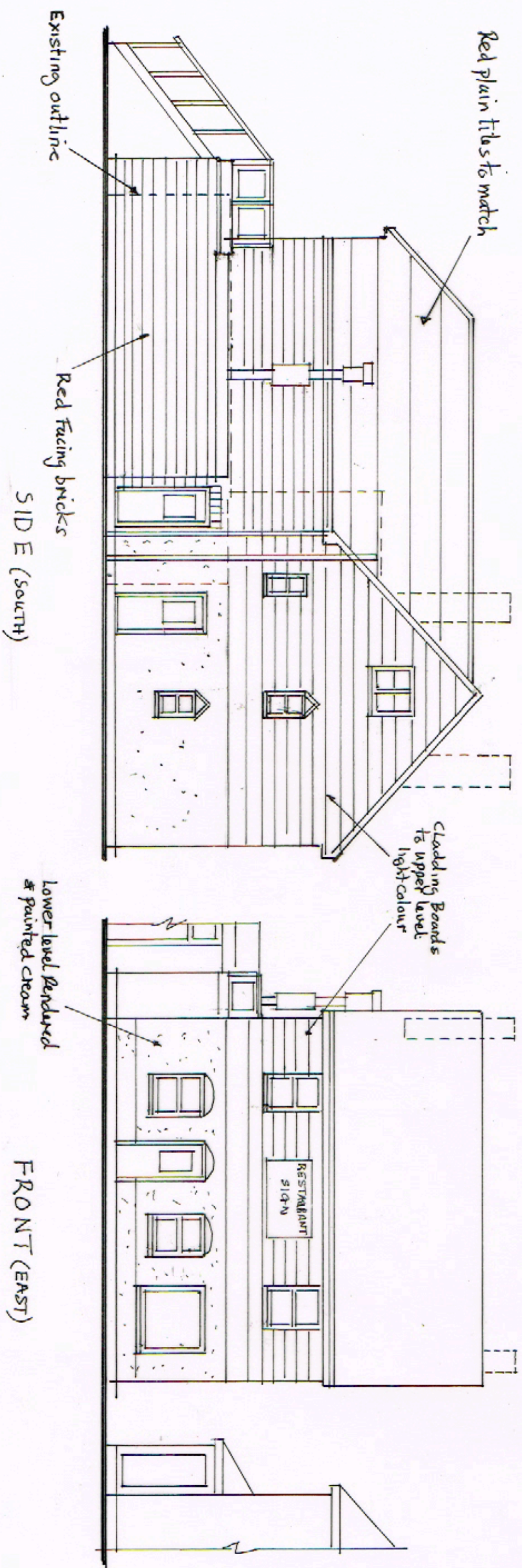
Ordnance Survey / (c) Crown Copyright 2015.
All rights reserved. Licence number 100022432

Scale in Metres

0 10 20 30 40 50 60

for 1:1250

Project : Dr M Gupta 36 - 38 North St Emsworth Hampshire			
Drawing Title : Location and Block Plan			
Chris Flint Associates Ltd CHARTERED SURVEYORS - PROJECT MANAGERS DEVELOPMENT CONSULTANTS			
Drawn By CF	Date 01/06/15	Checked By Date	Approved By Date
CFA FULL 02	Drawing No.	Revision:	Scale: as shown
PLANNING			
2 Emerald Close Waterlooville Hants PO7 8NZ tel: 023 92 432484 fax: 023 92 358554 Email: chrisflintassociates@gmail.com			



REV: 23/01/2014
1. All ACUs tested behind recess to side wall.

SIDE (NORTH)

PROPOSED ELEVATIONS

REAR (WEST)

SCALE: 1:100 @ A3



PROJECT: Proposed Extensions & Alterations

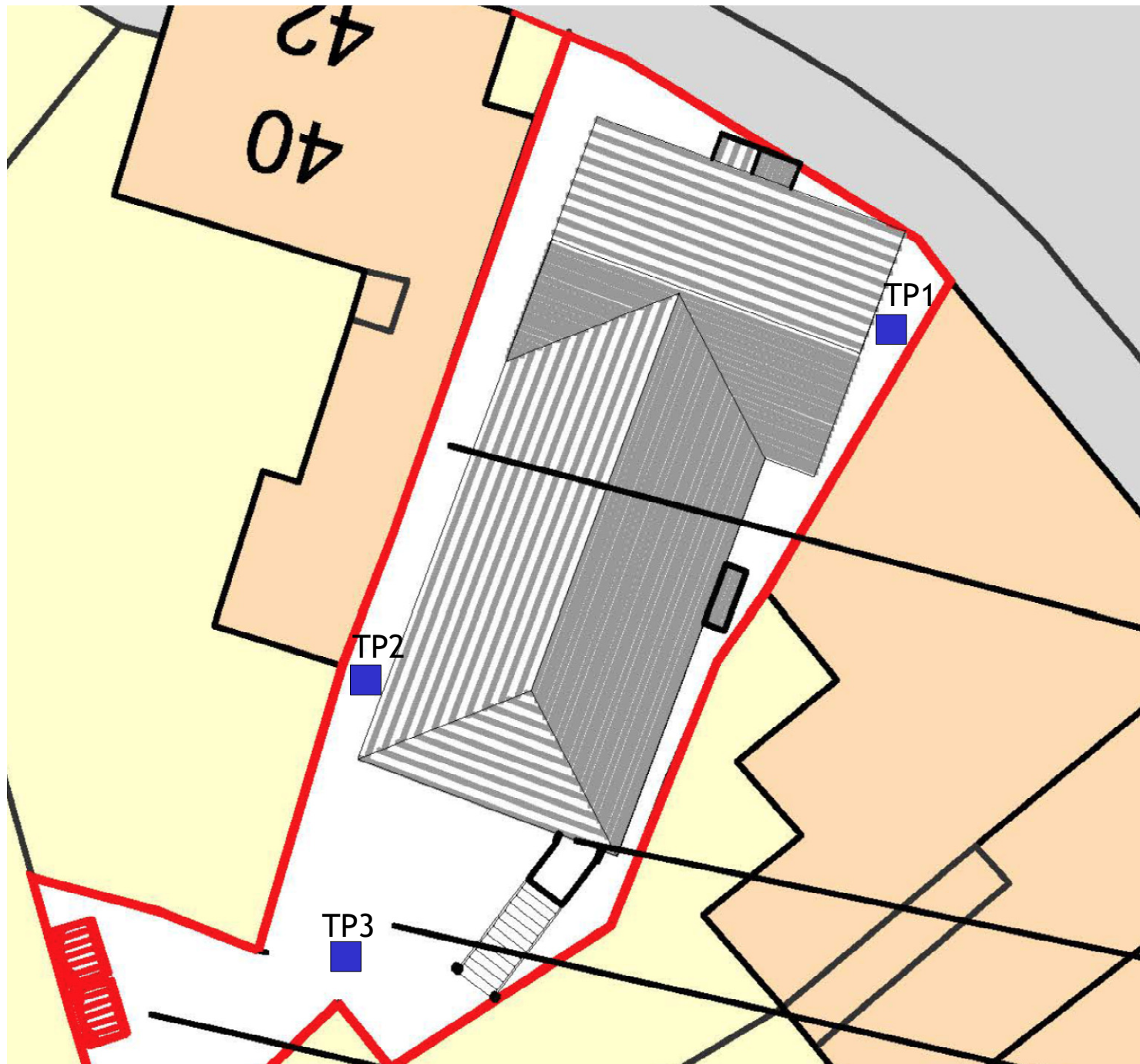
DRAWING: Proposed Elevations SCALE: 1:100

ADDRESS: 36-38 North Street
Emsworth PO10 7DG

CLIENT: Mr M Gupta TELE: 07710033565

APPENDIX B: Site investigation plan





Title	Site Investigation Plan
Project	36 - 38 North Street
Project Number	YE2626
Drawing Number	YE2626.001
Scale	NTS
Date	October 2016
Drawn by	CSH
Checked by	KJB



Your Environment
 Chilgrove Business Centre
 Chilgrove
 West Sussex
 PO18 9HU
 01243 787150
yourenvironment.org

APPENDIX C: Photographs taken during SI



Site: 26-28 North Street, Emsworth
Client: Chris Flint Associates
Job Reference: YE2626, Dated: September 2016

A.



B.



C.



D.



Your Environment

A. Trial pit 1.

B. Trial Pit 1.

C. Trial pit 1.

D. Trial pit 2.



Your Environment

E.



F.



G.



H.



Your Environment

E. Trial Pit 2

F. Trial Pit 2

G. Trial Pit 3

H. Trial Pit 3



Your Environment

I.



J.



K.



L.



*Your*Environment

I. Trial pit 3.

J. Infilled trial pit 3.

K. Infilled trial pit 2.

L. Infilled trial pit 1.

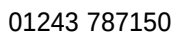


*Your*Environment

APPENDIX D: Trial Pit Logs



 www.yourenvironment.org info@yourenvironment.org 01243 787150						Log of Boring Sheet 1 of		TP1 1	
Location 26-28 North Street, Emsworth						Drilling Co			
Date 28th September 2016						YE Engineer T Le Butt			
Project Reference YE2626						Water level data			
Refusal Depth _____ m Surface Elevation _____ m						Completion: Depth _____ m			
Began Coring Depth _____ m Elevation _____ m						Elevation _____ m			
End of Borehole Depth 1.0 m Elevation _____ m						24 hour: Depth _____ m			
Method (Trial pit, window etc) Trial Pit - Hand Excavation						Elevation _____ m			
Stratum		Sample Depth		Sample Type	GW	Install Details	LITHOGRAPHY		
depth (m)		From	To						
From	To	m	m						
0.00				ES		NONE	Concrete layer (MADE GROUND)		
0.15	0.15						Light brown/grey silty gravelly clay. Gravel is angular of medium to cobble sized brick and concrete fragments. (MADE GROUND)		
0.25	0.30						Light brown gravelly clay. Gravel is angular to medium sized concrete. (MADE GROUND)		
0.50	0.70						Light brown/yellow gravelly clay. Gravel is angular of fine sized concrete with fragments of flint. (MADE GROUND)		
1.00	1.00						End of TP1.		
Remarks: No visual or olfactory evidence of contamination noted. No groundwater encountered.									



1

YE Engineer T Le Butt

Method (Trial pit, window etc)	Trial Pit - Hand Excavation
--------------------------------	-----------------------------

Elevation m

End of TP2.

Remarks: No visual or olfactory evidence of contamination noted. No groundwater encountered.



YE Engineer T Le Butt

Elevation _____ m

Elevation m

LITHOGRAPHY

1



Light brown-yellow CLAY.

End of TP3.

Remarks: No visual or olfactory evidence of contamination noted. Groundwater encountered at 1.0m

APPENDIX E: Soil contamination laboratory results





Tristan Le Butt
Your Environment
Chilgrove Business Centre
Chilgrove Park Road
Chilgrove
Chichester
West Sussex
PO18 9HU



QTS Environmental Ltd
Unit 1
Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN
t: 01622 850410
russell.jarvis@qtsenvironmental.com

QTS Environmental Report No: 16-49749

Site Reference: 26 - 28 North Street, Emsworth

Project / Job Ref: YE2626

Order No: None Supplied

Sample Receipt Date: 29/09/2016

Sample Scheduled Date: 29/09/2016

Report Issue Number: 1

Reporting Date: 05/10/2016

Authorised by:

A handwritten signature in black ink, appearing to be 'K Old'.

Kevin Old
Associate Director of Laboratory

Authorised by:

A handwritten signature in black ink, appearing to be 'R Jarvis'.

Russell Jarvis
Associate Director of Client Services



QTS Environmental Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate						
QTS Environmental Report No: 16-49749	Date Sampled	28/09/16	28/09/16	28/09/16	28/09/16	28/09/16
Your Environment	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: 26 - 28 North Street, Emsworth	TP / BH No	TP1	TP1	TP1	TP2	TP2
Project / Job Ref: YE2626	Additional Refs	MG	MG	MG	MG	NAT
Order No: None Supplied	Depth (m)	0.30	0.70	1.00	0.50	0.70
Reporting Date: 05/10/2016	QTSE Sample No	229917	229918	229919	229920	229921

Determinand	Unit	RL	Accreditation					
Asbestos Screen	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected	Not Detected	
pH	pH Units	N/a	MCERTS	8.5	7.8	8.1	7.6	7.5
Total Cyanide	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	419	70	72	32	13
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.42	0.07	0.07	0.03	0.01
Organic Matter	%	< 0.1	MCERTS	1.9	0.3	0.1	3.7	1.9
Arsenic (As)	mg/kg	< 2	MCERTS	9	11	10	17	10
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	27	31	31	24	20
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	21	11	11	65	24
Lead (Pb)	mg/kg	< 3	MCERTS	29	12	11	320	85
Mercury (Hg)	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	16	14	14	19	12
Selenium (Se)	mg/kg	< 3	NONE	< 3	< 3	< 3	< 3	< 3
Zinc (Zn)	mg/kg	< 3	MCERTS	66	41	40	233	96
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C

Analysis carried out on the dried sample is corrected for the stone content

The samples have been examined to identify the presence of asbestiform minerals by polarising light microscopy and dispersion staining technique to In-House Procedures QTSE600 Determination of Asbestos in Bulk Materials; Asbestos in Soils/Sediments (fibre screening and identification)

This report refers to samples as received, and QTS Environmental Ltd, takes no responsibility for the accuracy or competence of sampling by others.

The material description shall be regarded as tentative and is not included in our scope of UKAS Accreditation.

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

Asbestos Analyst: Graham Revell

RL: Reporting Limit

Pinch Test: Where pinch test is positive it is reported "Loose Fibres - PT" with type(s).

Subcontracted analysis ⁽⁵⁾

Soil Analysis Certificate						
QTS Environmental Report No: 16-49749	Date Sampled	28/09/16	28/09/16			
Your Environment	Time Sampled	None Supplied	None Supplied			
Site Reference: 26 - 28 North Street, Emsworth	TP / BH No	TP3	TP3			
Project / Job Ref: YE2626	Additional Refs	MG	NAT			
Order No: None Supplied	Depth (m)	0.30	0.50			
Reporting Date: 05/10/2016	QTSE Sample No	229922	229923			

Determinand	Unit	RL	Accreditation					
Asbestos Screen	N/a	N/a	ISO17025	Not Detected				
pH	pH Units	N/a	MCERTS	7.5	7.7			
Total Cyanide	mg/kg	< 2	NONE	< 2	< 2			
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	579	44			
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.58	0.04			
Organic Matter	%	< 0.1	MCERTS	2.8	1.5			
Arsenic (As)	mg/kg	< 2	MCERTS	10	10			
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2			
Chromium (Cr)	mg/kg	< 2	MCERTS	21	23			
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2			
Copper (Cu)	mg/kg	< 4	MCERTS	32	21			
Lead (Pb)	mg/kg	< 3	MCERTS	129	185			
Mercury (Hg)	mg/kg	< 1	NONE	< 1	< 1			
Nickel (Ni)	mg/kg	< 3	MCERTS	18	17			
Selenium (Se)	mg/kg	< 3	NONE	< 3	< 3			
Zinc (Zn)	mg/kg	< 3	MCERTS	93	87			
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2			

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C

Analysis carried out on the dried sample is corrected for the stone content

The samples have been examined to identify the presence of asbestiform minerals by polarising light microscopy and dispersion staining technique to In-House Procedures QTSE600 Determination of Asbestos in Bulk Materials; Asbestos in Soils/Sediments (fibre screening and identification)

This report refers to samples as received, and QTS Environmental Ltd, takes no responsibility for the accuracy or competence of sampling by others.

The material description shall be regarded as tentative and is not included in our scope of UKAS Accreditation.

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

Asbestos Analyst: Graham Revell

RL: Reporting Limit

Pinch Test: Where pinch test is positive it is reported "Loose Fibres - PT" with type(s).

Subcontracted analysis ⁽⁵⁾



QTS Environmental Ltd
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Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Speciated PAHs						
QTS Environmental Report No: 16-49749	Date Sampled	28/09/16	28/09/16	28/09/16	28/09/16	28/09/16
Your Environment	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: 26 - 28 North Street, Emsworth	TP / BH No	TP1	TP1	TP1	TP2	TP2
Project / Job Ref: YE2626	Additional Refs	MG	MG	MG	MG	NAT
Order No: None Supplied	Depth (m)	0.30	0.70	1.00	0.50	0.70
Reporting Date: 05/10/2016	QTSE Sample No	229917	229918	229919	229920	229921

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.30	< 0.1
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.26	< 0.1
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.14	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.19	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	0.20	< 0.1
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C



QTS Environmental Ltd
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Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - Speciated PAHs						
QTS Environmental Report No: 16-49749	Date Sampled	28/09/16	28/09/16			
Your Environment	Time Sampled	None Supplied	None Supplied			
Site Reference: 26 - 28 North Street, Emsworth	TP / BH No	TP3	TP3			
Project / Job Ref: YE2626	Additional Refs	MG	NAT			
Order No: None Supplied	Depth (m)	0.30	0.50			
Reporting Date: 05/10/2016	QTSE Sample No	229922	229923			

Determinand	Unit	RL	Accreditation				
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1		
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6		

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C



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Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - TPH CWG Banded

QTS Environmental Report No: 16-49749	Date Sampled	28/09/16	28/09/16	28/09/16	28/09/16	28/09/16
Your Environment	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: 26 - 28 North Street, Emsworth	TP / BH No	TP1	TP1	TP1	TP2	TP2
Project / Job Ref: YE2626	Additional Refs	MG	MG	MG	MG	NAT
Order No: None Supplied	Depth (m)	0.30	0.70	1.00	0.50	0.70
Reporting Date: 05/10/2016	QTSE Sample No	229917	229918	229919	229920	229921

Determinand	Unit	RL	Accreditation					
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C21 - C34	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Aliphatic (C5 - C34)	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	< 21
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	< 10	< 10	< 10	< 10	< 10
Aromatic (C5 - C35)	mg/kg	< 21	NONE	< 21	< 21	< 21	< 21	< 21
Total >C5 - C35	mg/kg	< 42	NONE	< 42	< 42	< 42	< 42	< 42

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C



QTS Environmental Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410



Soil Analysis Certificate - TPH CWG Banded

QTS Environmental Report No: 16-49749	Date Sampled	28/09/16	28/09/16			
Your Environment	Time Sampled	None Supplied	None Supplied			
Site Reference: 26 - 28 North Street, Emsworth	TP / BH No	TP3	TP3			
Project / Job Ref: YE2626	Additional Refs	MG	NAT			
Order No: None Supplied	Depth (m)	0.30	0.50			
Reporting Date: 05/10/2016	QTSE Sample No	229922	229923			

Determinand	Unit	RL	Accreditation					
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01	< 0.01			
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05			
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2			
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2			
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3	< 3			
Aliphatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3			
Aliphatic >C21 - C34	mg/kg	< 10	MCERTS	< 10	< 10			
Aliphatic (C5 - C34)	mg/kg	< 21	NONE	< 21	< 21			
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01	< 0.01			
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05			
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2			
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2			
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2	< 2			
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3			
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	< 10	< 10			
Aromatic (C5 - C35)	mg/kg	< 21	NONE	< 21	< 21			
Total >C5 - C35	mg/kg	< 42	NONE	< 42	< 42			

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C



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Rose Lane
Lenham Heath
Maidstone
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Tel : 01622 850410



Soil Analysis Certificate - BTEX / MTBE						
QTS Environmental Report No: 16-49749	Date Sampled	28/09/16	28/09/16	28/09/16	28/09/16	28/09/16
Your Environment	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: 26 - 28 North Street, Emsworth	TP / BH No	TP1	TP1	TP1	TP2	TP2
Project / Job Ref: YE2626	Additional Refs	MG	MG	MG	MG	NAT
Order No: None Supplied	Depth (m)	0.30	0.70	1.00	0.50	0.70
Reporting Date: 05/10/2016	QTSE Sample No	229917	229918	229919	229920	229921

Determinand	Unit	RL	Accreditation					
Benzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Toluene	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5
Ethylbenzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
p & m-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
o-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
MTBE	ug/kg	< 5	MCERTS	< 5	< 5	< 5	< 5	< 5

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C



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Soil Analysis Certificate - BTEX / MTBE						
QTS Environmental Report No: 16-49749	Date Sampled	28/09/16	28/09/16			
Your Environment	Time Sampled	None Supplied	None Supplied			
Site Reference: 26 - 28 North Street, Emsworth	TP / BH No	TP3	TP3			
Project / Job Ref: YE2626	Additional Refs	MG	NAT			
Order No: None Supplied	Depth (m)	0.30	0.50			
Reporting Date: 05/10/2016	QTSE Sample No	229922	229923			

Determinand	Unit	RL	Accreditation					
Benzene	ug/kg	< 2	MCERTS	< 2	< 2			
Toluene	ug/kg	< 5	MCERTS	< 5	< 5			
Ethylbenzene	ug/kg	< 2	MCERTS	< 2	< 2			
p & m-xylene	ug/kg	< 2	MCERTS	< 2	< 2			
o-xylene	ug/kg	< 2	MCERTS	< 2	< 2			
MTBE	ug/kg	< 5	MCERTS	< 5	< 5			

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C



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Soil Analysis Certificate - Sample Descriptions

QTS Environmental Report No: 16-49749

Your Environment

Site Reference: 26 - 28 North Street, Emsworth

Project / Job Ref: YE2626

Order No: None Supplied

Reporting Date: 05/10/2016

QTSE Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
229917	TP1	MG	0.30	17.5	Brown clay with brick and concrete
229918	TP1	MG	0.70	19.8	Brown clay
229919	TP1	MG	1.00	19.8	Light brown clay
229920	TP2	MG	0.50	16	Brown clay with brick and concrete
229921	TP2	NAT	0.70	14.7	Brown clay with stones and vegetation
229922	TP3	MG	0.30	19.7	Brown clay with stones
229923	TP3	NAT	0.50	17	Brown clay with stones

Moisture content is part of procedure E003 & is not an accredited test

Insufficient Sample ^{I/S}

Unsuitable Sample ^{U/S}

Soil Analysis Certificate - Methodology & Miscellaneous Information

QTS Environmental Report No: 16-49749

Your Environment

Site Reference: 26 - 28 North Street, Emsworth

Project / Job Ref: YE2626

Order No: None Supplied

Reporting Date: 05/10/2016

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 dphenylcarbazine followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 - C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

D Dried
AR As Received

APPENDIX F: Havant Borough Council Feedback



From: **Simon Kennedy** <Simon.Kennedy@havant.gov.uk>
Date: 13 September 2016 at 10:08
Subject: RE: APP/15/00829 - 36-38 North Street, Emsworth
To: Chris Flint <chrisflintassociates@gmail.com>

Chris.

Following our telephone conversation of yesterday.

I can confirm that the details submitted with respect to condition 8 are not sufficient to allow discharge of the condition, please provide evidence of an assessment as to the nature and extent of any contamination on the site.

Please also ensure that points ii and iii of the condition are then related to the information obtained through on-site investigation.

Kind regards

Simon Kennedy

Planning Officer (Conditions Discharge & Compliance)

Planning Services

Havant Borough Council, Public Service Plaza, Civic Centre Road, Havant PO9 2AX

DD: 02392 446138

Email: simon.kennedy@havant.gov.uk