

**Camden**

Planning Services
Camden Town Hall
Argyle Street
London WC1H 8EQ

Email (enquiries only): env.devcon@camden.gov.uk
Telephone : 020 7974 1911
Fax : 020 7974 5713

For office use
Date
Payee
App. No.

Fee

Application for tree works: works to trees subject to a tree preservation order (TPO)
and/or notification of proposed works to trees in a conservation area.

Town and Country Planning Act 1990

Publication of planning applications on planning authority websites

Please note that with the exception of applicant contact details, the information provided on this application form and in supporting documents may be published on the authority's website.

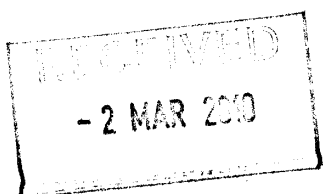
If you have provided any other information as part of your application which falls within the definition of personal data under the Data Protection Act which you do not wish to be published on the authority's website, please contact the authority's planning department.

Please complete using block capitals and black ink.

You must use this form if you are applying for work to trees protected by a tree preservation order (TPO). (You may also use it to give notice of works to trees in a conservation area).

It is important that you read the accompanying guidance notes before filling in the form. Without the correct information, your application / notice cannot proceed.

1. Applicant Name and Address	2. Agent Name and Address
Title: <input type="text"/> MRS First name: <input type="text"/> JENNIFER	Title: <input type="text"/> First name: <input type="text"/>
Last name: <input type="text"/> BURNHAM	Last name: <input type="text"/>
Company (optional): <input type="text"/>	Company (optional): <input type="text"/> BECKER TREE SERVICES
Unit: <input type="text"/> House number: <input type="text"/> 3 House suffix: <input type="text"/>	Unit: <input type="text"/> House number: <input type="text"/> 32 House suffix: <input type="text"/>
House name: <input type="text"/>	House name: <input type="text"/>
Address 1: <input type="text"/> BOSCASTLE ROAD	Address 1: <input type="text"/> WENTFORDS
Address 2: <input type="text"/>	Address 2: <input type="text"/>
Address 3: <input type="text"/>	Address 3: <input type="text"/>
Town: <input type="text"/> JARIMOUTH PARK	Town: <input type="text"/> LOUGHTON
County: <input type="text"/> LONDON	County: <input type="text"/> ESSEX
Country: <input type="text"/>	Country: <input type="text"/>
Postcode: <input type="text"/> NW5 1EE	Postcode: <input type="text"/> 1510 1NY



3. Trees Location

If all trees stand at the address shown in Question 1, go to Question 4. Otherwise, please provide the full address/location of the site where the tree(s) stand (including full postcode where available)

Unit: House number: House suffix:

House name:

Address 1:

Address 2:

Address 3:

Town:

County:

Postcode (if known):

If the location is unclear or there is not a full postal address, either describe as clearly as possible where it is (for example, 'Land to the rear of 12 to 18 High Street' or 'Woodland adjoining Elm Road') or provide an Ordnance Survey grid reference:

Description:

4. Trees Ownership

Is the applicant the owner of the tree(s): ☒ Yes ☐ No
If 'No' please provide the address of the owner (if known and if different from the trees location)

Title: First name:

Last name:

Company (optional):

Unit: House number: House suffix:

House name:

Address 1:

Address 2:

Address 3:

Town:

County:

Country:

Postcode:

Telephone numbers

Country code: National number: Extension number:

Country code: Mobile number (optional):

Country code: Fax number (optional):

Email address (optional):

5. What Are You Applying For?

Are you seeking consent for works to tree(s) subject to a TPO? ☒ Yes ☐ No

Are you wishing to carry out works to tree(s) in a conservation area? ☒ Yes ☐ No

6. Tree Preservation Order Details

If you know which TPO protects the tree(s), enter its title or number below.

C 652/2006

7. Identification Of Tree(s) And Description Of Works

Please identify the tree(s) and provide a full and clear specification of the works you want to carry out. Continue on a separate sheet if necessary. You might find it useful to contact an arborist (tree surgeon) for help with defining appropriate work. Where trees are protected by a TPO, please number them as shown in the First Schedule to the TPO where this is available. Use the same numbers on your sketch plan (see guidance notes).

Please provide the following information below: tree species (and the number used on the sketch plan) and description of works. Where trees are protected by a TPO you must also provide reasons for the work and, where trees are being felled, please give your proposals for planting replacement trees (including quantity, species, position and size) or reasons for not wanting to replant.
E.g. Oak (T3) - fell because of excessive shading and low amenity value. Replant with 1 standard ash in the same place.

T1 PRESERVED - CRAB APPLE FELL

T2 CONSERV AREA - CHERAM - FELL

} SEE QUESTION 8.

7. Identification Of Tree(s) And Description Of Works continued ...

8. Trees - Additional Information

Additional information may be attached to electronic communications or provided separately in paper format.

For all trees

A sketch plan clearly showing the position of trees listed in Question 7 must be provided when applying for works to trees covered by a TPO. A sketch plan is also advised when notifying the LPA of works to trees in a conservation area (see guidance notes). It would also be helpful if you provided details of any advice given on site by an LPA officer.

For works to trees covered by a TPO

Please indicate whether the reasons for carrying out the proposed works include any of the following. If so, your application must be accompanied by the necessary evidence to support your proposals. (See guidance notes for further details)

1. **Condition of the tree(s)** - e.g. it is diseased or you have fears that it might break or fall: ☐ Yes ☒ No
If YES, you are required to provide written arboricultural advice or other diagnostic information from an appropriate expert.

2. **Alleged damage to property** - e.g. subsidence or damage to drains or drives. ☒ Yes ☐ No
If YES, you are required to provide for:

Subsidence

A report by an engineer or surveyor, to include a description of damage, vegetation, monitoring data, soil, roots and repair proposals. Also a report from an arboriculturist to support the tree work proposals.

Other structural damage (e.g. drains, walls and hard surfaces)

Written technical evidence from an appropriate expert, including description of damage and possible solutions.

Documents and plans (for any tree)

Are you providing separate information (e.g. an additional schedule of work for Question 7)? ☐ Yes ☐ No

If YES, please provide the reference numbers of plans, documents, professional reports, photographs etc in support of your application. If they are being provided separately from this form, please detail how they are being submitted.

PLAN - P1
INVESTIGATION REPORT
CRACK MONITORING REPORT

9. Application For Tree Works - Checklist

Only one copy of the application form and additional information (Question 8) is required. Please use the guidance and this checklist to make sure that this form has been completed correctly and that all relevant information is submitted. Please note that failure to supply precise and detailed information may result in your application being rejected or delayed. You do not need to fill out this section, but it may help you to submit a valid form.

Sketch Plan

- A sketch plan showing the location of all trees (see Question 8)



For all trees

(see Question 7)

- Clear identification of the trees concerned
- A full and clear specification of the works to be carried out



For works to trees protected by a TPO

(see Question 8)

Have you:

- stated reasons for the proposed works?
- provided evidence in support of the stated reasons? in particular:
 - if your reasons relate to the condition of the tree(s) - written evidence from an appropriate expert
 - if you are alleging subsidence damage - a report by an appropriate engineer or surveyor and one from an arboriculturist.
 - in respect of other structural damage - written technical evidence
- included all other information listed in Question 8?



10. Declaration - Trees

I/we hereby apply for consent/give notice for tree work as described in this form and the accompanying plans and additional information.

Signed - Applicant:

Or signed - Agent:

Date (DD/MM/YYYY):

(This date must not be before the date of sending or hand-delivery of the form)

11. Applicant Contact Details

Telephone numbers

Country code:	National number:	Extension number:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Country code:	Mobile number (optional):	
<input type="text"/>	<input type="text"/>	
Country code:	Fax number (optional):	
<input type="text"/>	<input type="text"/>	

Email address (optional):

12. Agent Contact Details

Telephone numbers

Country code:	National number:	Extension number:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Country code:	Mobile number (optional):	
<input type="text"/>	<input type="text"/>	
Country code:	Fax number (optional):	
<input type="text"/>	<input type="text"/>	

Email address (optional):

Electronic communication - If you submit this form by fax or e-mail the LPA may communicate with you in the same manner.

(Please see guidance notes)

3 BOSCASTLE ROAD LONDON NW5 1EE



Becker Tree Contracts Ltd

This is a very rough drawing to show approx
positions of trees only and is not to scale

ADDITIONAL INVESTIGATION REPORT

ON

CRACK DAMAGE

Name of Insured: Mr & Mrs Burnham

Address of Insured: 3 Boscastle Road
London
NW5 1EE

Situation of Damage:

Carmichaels Ref: 10/37853/KAC

Date of Investigation: Tuesday 1 September 2009

Weather Conditions: Sunny with showers

Engineer: Mr Geoff Shoebridge

Engineer's Ref: 05336

Date of Report: Wednesday 30 September 2009

1. Relevant Damage to the Property

Additional cracking to that reported in original Investigation Report.

New External Wall Cracking:

Location Of Damage	Description
Front Elevation	2-3mm crack above top left hand corner of front porch, with 1-2mm crack above top right hand corner continuing up to underside of balcony. 2-3mm crack above top left hand corner of front window, steps diagonally up through brickwork to underside of balcony, and through balcony slab.

New Internal Wall Cracking:

Location Of Damage	Description
<u>Second Floor</u>	
Front Bedroom	2-3mm crack above top left hand corner of window. 2mm vertical crack at front wall / internal wall junction.
Bathroom (Front)	2-3mm diagonal crack in LH flank wall within recess, continues along wall / ceiling junction to shower wall. Further 0.5mm diagonal crack at lower level. 0.5mm crack at front wall (ceiling junction above window. Fine vertical crack at front wall / internal wall junction, runs along internal wall / ceiling junction a short distance.
<u>First Floor</u>	
Front Lounge	1-2mm diagonal crack above top right hand corner of door to landing. Rucking/tearing paper at left hand flank wall/ceiling junction towards landing, extends across ceiling then perpendicular back to internal partition.
Rear Bedroom	Fine vertical crack above picture rail above top right hand corner of door to Landing. General opening up of joints in coving. Fine diagonal crack above picture rail at left hand end of internal partition adjacent to right hand party wall. 0.5mm vertical crack at junction of internal partition to Front Lounge/Landing at high level.

BRE Digest 251 Classification: Category 2 (Slight damage)

Outbuildings/Garage: N/A

Patio/Pavings: N/A

2. **General Comments**

The additional site investigation has been carried out to investigate foundations and soil conditions at the front of the property because additional damage has recently occurred.

Monitoring has revealed ongoing movement at the rear. Although tree works have been carried out within the risk address, the neighbour's Ash tree remains.

3. **Site Conditions**

Terrain/Topography:	Level site
Subsoil Type Established by Site Investigations:	Silty Clay
List Trees in Vicinity:	Refer to site plan
Any Relevant Knowledge of Subsidence in Area:	Yes
Other Factors:	Geological Map indicates London Clay

4. **a) Investigations Completed at Time of Inspection**

Trial Pits:	Yes: 3
Boreholes:	Yes (3 attempted, but auger head broke so only 1 successful to limited depth)
Hydraulic Tests on Drainage:	No
CCTV Survey of Private Drainage:	No
Others (Specify):	N/A

b) Laboratory Analysis Undertaken

Atterberg Limit:	Yes: 3
Moisture Content Profiles:	Yes: 1
Root Identification:	Yes
Others (Specify):	No

c) Water main Check

Survey Requested on Local Authority Drainage:	No
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5. Summary of Investigations Completed

A Trial Pit 1

- (i) Foundation
 - (a) Type: Corbelled brick spreader
 - (b) Depth below ground level: 670mm
- (ii) Soil
 - (a) Type: Silty Clay
 - (b) Plasticity: Medium plastic, therefore, prone to volumetric change with variations in moisture content.
- (iii) Roots
 - (a) Type: Cherry and Bay
 - (b) Location of tree root identified: Within risk address

A Trial Pit 2

- (i) Foundation
 - (a) Type: Corbelled Brick Spreader
 - (b) Depth below ground level: 700mm
- (iii) Soil
 - (a) Type: Silty, sandy clay
 - (b) Plasticity: Medium plastic, therefore, prone to volumetric change with variations in moisture content.
- (iii) Roots
 - (a) Type: Crab Apple and Cherry
 - (b) Location of tree root identified: Within risk address

A Trial Pit 3

- (i) Foundation
 - (a) Type: Brick spreader
 - (b) Depth below ground level: 600mm
- (ii) Soil
 - (a) Type: Silty Clay
 - (b) Plasticity: Low plastic, therefore, prone to some volumetric change with variations in moisture content.
- (iii) Roots
 - (a) Type: Acer and Unidentified Shrub
 - (b) Location of tree root identified: Acer within neighbour's rear garden

C Engineer's Conclusions

The pattern of cracking at the front of the house is consistent with foundation movement. Foundations have been confirmed as corbelled brick spreaders bearing on a silty sandy clay at depths of 670mm to 700mm.

The soil has been analysed as being of medium shrinkability at foundation level, and comparison of moisture contents with Atterberg Limits indicates the clay soil is desiccated in TH2. Unfortunately, due to equipment breakage during augering we were unable to retrieve samples from depth to determine the depth of any further desiccation that may be present.

Roots were found below foundation level in both trial holes at the front and have been identified as being from the Cherry and Crab Apple trees. A further root has been identified as being from a Bay tree (Laurel).

It is therefore concluded that the crack damage that has occurred at the front of the house is due to foundation subsidence caused by the trees in the front garden causing desiccation of the clay soil.

The trial pit excavated at the rear has confirmed that the house has a brick spreader foundation to a depth of 600mm (similar to that proved in the original site investigation). This bears onto a low plasticity silty clay soil, and soils analysis indicates no desiccation to be present at foundation level.

Roots found below foundation level have been identified as being from an Acer and unidentified shrub. No roots from the Ash tree in the neighbour's garden were found.

However, the original site investigation in September 2005 proved the presence of highly shrinkable clay below 1.0m depth, which was found to be desiccated below 2.0m depth.

Although site conditions may have changed since then, due to removal of the Acer trees, reference to the NHBC guidelines indicates that the neighbour's Ash tree is of sufficient size and close enough proximity to continue to influence the clay soil beneath the foundations to the rear.

It would therefore appear that the ongoing movement recorded at the rear of the house is due to a combination of soil stabilisation following removal of the neighbour's two Sycamore (Acer) trees, the second of which was only removed in May this year, and continued influence of the neighbour's Ash tree.

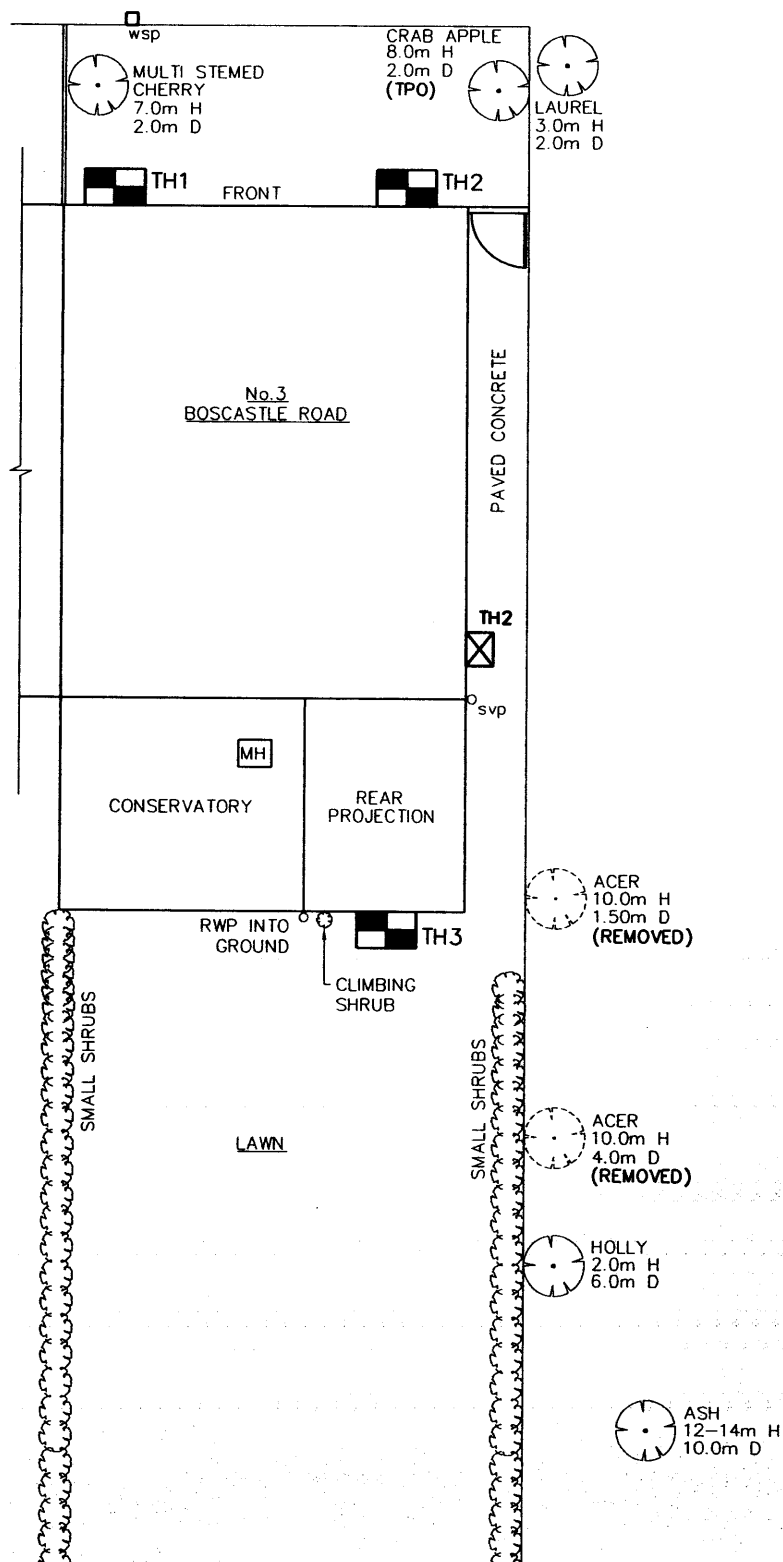
D Engineer's Recommendations

1. Remove Cherry and Crab Apple trees in front garden. As Crab Apple is subject to a TPO, application will need to be made to the Local Authority for permission to remove it.
2. Remove Laurel tree in neighbour's front garden.
3. Reduce Ash tree by 50% and maintain at this reduced size.
4. Continue monitoring at eight weekly intervals to confirm stabilisation following tree works. Additional monitor points have been installed on new cracks at the front of the property.

5. When property stable, carry out superstructure repairs.

.....

GEOFF SHOEBRIDGE *B.Eng. (Tech) (Hons.), C.Eng., M.I.Struct.E., MRICS, M.B.Eng.*



PBA

Structural Consulting Ltd

Ground Floor
Warneford House
St Leonards Road
20/20 Maidstone
Kent ME16 0LS

T (01622) 764467
F (01622) 764364

E info@pba-consulting.com
W www.pba-consulting.com



Client

MR & MRS BURNHAM,
3 BOSCASTLE ROAD,
LONDON, NW5 1EE

Drawing Title

PLAN SHOWING LOCATION
OF ADDITIONAL TRIAL
HOLES.

Rev.	Description	Date
Scales N.T.S		
Date	Drawn	Checked
SEPT 2009	MJH	GS
Drawing No.		Rev.
05336(2) / 1 of 4		

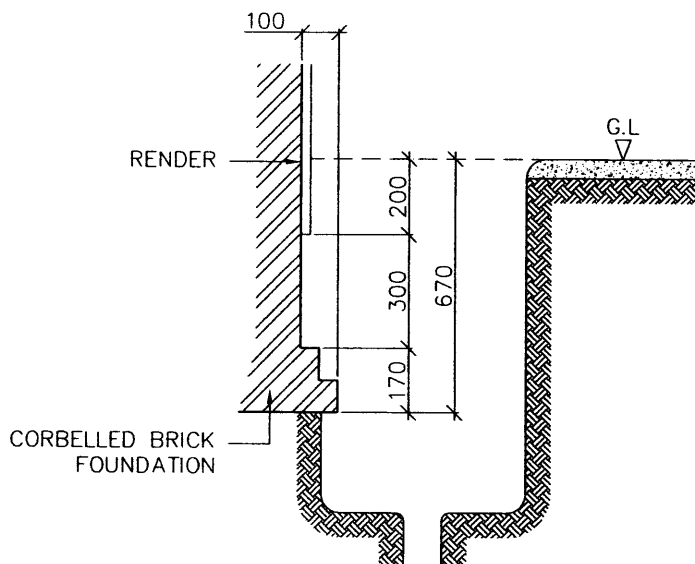
Contract: 3 BOSCASTLE ROAD, LONDON, NW5 1EE
Client:

Coordinates:
Date: 1 SEPT 2009

Equipment & Methods
HAND DUG

Job Number: 05336
Borehole Number T.H.1
Location:

Orientation: VERTICAL
Ground Level:



Daily Prog.	Water Level	Insitu Tests	Samples Taken	Sample Depths	Remarks	Depth (m)	Strata Descriptions	Red. Level	Legend
						0.00	50mm CONCRETE over MADE GROUND with roots.		
			D	0.70		0.30	Sandy silty CLAY with gravel and brick fragments.		
			D	1.00		0.50	Sandy silty CLAY with roots.		
						0.70	Dark brown silty CLAY with fine roots.		
						1.00	Orange brown silty CLAY with occasional gravel (No roots).		
							End of Trial Hole		
						2.00			
						3.00			
						4.00			

KEY		INSITU TESTS		PROGRESS/WATER LEVELS	
Sample Types		S	- SPT Value	—	Borehole Depth
U - Undisturbed		C	- CPT Value	—	Casing Depth
D - Disturbed		V	- Vane Test (kPa)	▼	Water Level a.m.
B - Bulk Disturbed		PP	- Pocket Penetrometer	▽	Water Level p.m.
W - Water				▽	Water Strike
P - Piston				⊕	Standpipe Reading
J - Jar					
T - Thin Wall					
* - No recovery					
R - Roots					

PBA Structural Consulting Ltd

Ground Floor
Warneford House
St Leonards Road
20/20 Maidstone
Kent ME16 0LS

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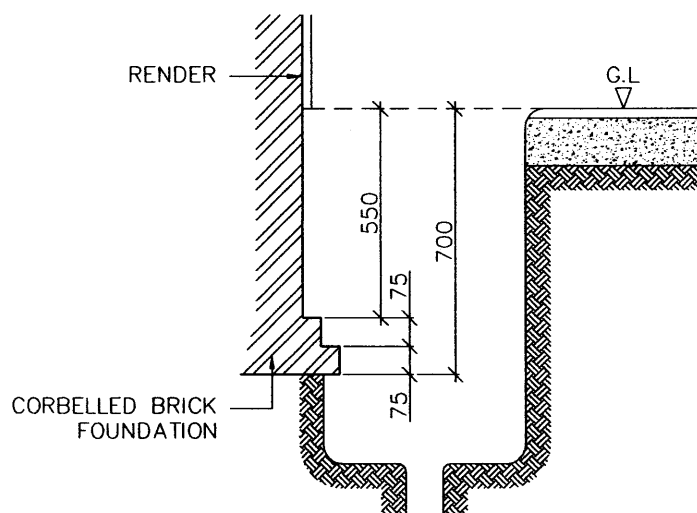
General Remarks

Scale
1: 20 @ A4

Operator
GS/MJH

Sheet No.
02 of 04

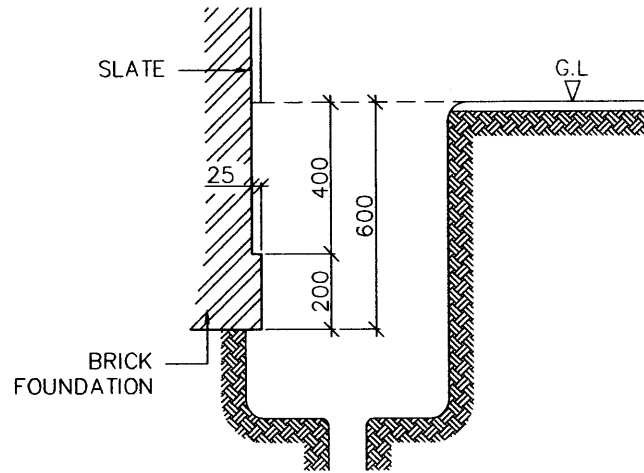
Contract: 3 BOSCASTLE ROAD, LONDON, NW5 1EE Client:		Coordinates: Date: 1 SEPT 2009
Equipment & Methods HAND DUG	Job Number: 05336 Borehole Number T.H.2 Location:	Orientation: VERTICAL Ground Level:



Daily Prog.	Water Level	Insitu Tests	Samples Taken	Sample Depths	Remarks	Depth (m)	Strata Descriptions	Red. Level	Legend
			D	0.70		0.00 0.15 0.50 0.70 2.00 3.00 4.00	Stone slabs on 150mm concrete MADE GROUND— sandy clay with gravel and brick fragments and roots. Silty sandy CLAY with roots. Hard, light brown, silty, slightly sandy CLAY with fine roots and occasional gravel. End of Trial Hole		

KEY		INSITU TESTS		PROGRESS/WATER LEVELS		<div>PBA</div> Structural Consulting Ltd	
Sample Types		S	- SPT Value			Ground Floor	
U - Undisturbed		C	- CPT Value			Wameford House	
D - Disturbed		V	- Vane Test (kPa)	—— Borehole Depth		St Leonards Road	
B - Bulk Disturbed		PP	- Pocket Penetrometer	—— Casing Depth		20/20 Maldstone	
W - Water				▼ Water Level a.m		Kent ME16 0LS	
P - Piston				▽ Water Level p.m.		T (01622) 764467	
J - Jar				▽ Water Strike		F (01622) 764364	
T - Thin Wall				◇ Standpipe Reading		E info@pba-consulting.com	
* - No recovery						W www.pba-consulting.com	
R - Roots							
						General Remarks	
Scale 1: 20 @ A4				Operator GS/MJH		Sheet No. 03 of 04	

Contract: 3 BOSCASTLE ROAD, LONDON, NW5 1EE Client:		Coordinates: Date: 1 SEPT 2009
Equipment & Methods HAND DUG	Job Number: 05336 Borehole Number T.H.3 Location:	Orientation: VERTICAL Ground Level:



Daily Prog.	Water Level	Insitu Tests	Samples Taken	Sample Depths	Remarks	Depth (m)	Strata Descriptions	Red. Level	Legend
			D	0.60		0.00	Stone slabs over MADE GROUND—sandy clay with gravel and brick fragments and roots (some large).		
						0.55	Buff/brown silty CLAY		
						0.60	Dark brown silty CLAY with occasional gravel and fine roots.		
							End of Trial Hole		
						2.00			
						3.00			
						4.00			

KEY Sample Types U – Undisturbed D – Disturbed B – Bulk Disturbed W – Water P – Piston J – Jar T – Thin Wall * – No recovery R – Roots	INSITU TESTS S – SPT Value C – CPT Value V – Vane Test (kPa) PP – Pocket Penetrometer	PROGRESS/WATER LEVELS — Borehole Depth — Casing Depth ▽ Water Level a.m. ▽ Water Level p.m. ▽ Water Strike ⊕ Standpipe Reading
PBA Structural Consulting Ltd Ground Floor Wameford House St Leonards Road 20/20 Maidstone Kent ME16 0LS T (01622) 764467 F (01622) 764364 E info@pba-consulting.com W www.pba-consulting.com		
General Remarks		
Scale 1:20 @ A4	Operator GS/MJH	Sheet No. 04 of 04





Soiltec Laboratories Limited
Ledian Farm Industrial Estate,
Upper Street, Leeds,
Maidstone, Kent ME17 1RZ

Telephone: (01622) 862138
Fax: (01622) 862904
Web: www.soilteclab.co.uk
E-mail: soilteclabs@msn.com

LABORATORY REPORT

Date : 15 September 2009

Report No: 04169/15

Your Ref : 05336

Client : PBA Consulting
Ground Floor
Warneford House
St Leonards Road
20/20 Maidstone
Kent
ME16 0LS

Site : 3 Boscastle Road
London
NW5 1EE

This report details the results of Atterberg Limits tests carried out on three soil samples and Moisture Content determinations on four soil samples. Samples submitted from the above site on 3rd September 2009.

All tests have been carried out in accordance with BS 1377 : 1990

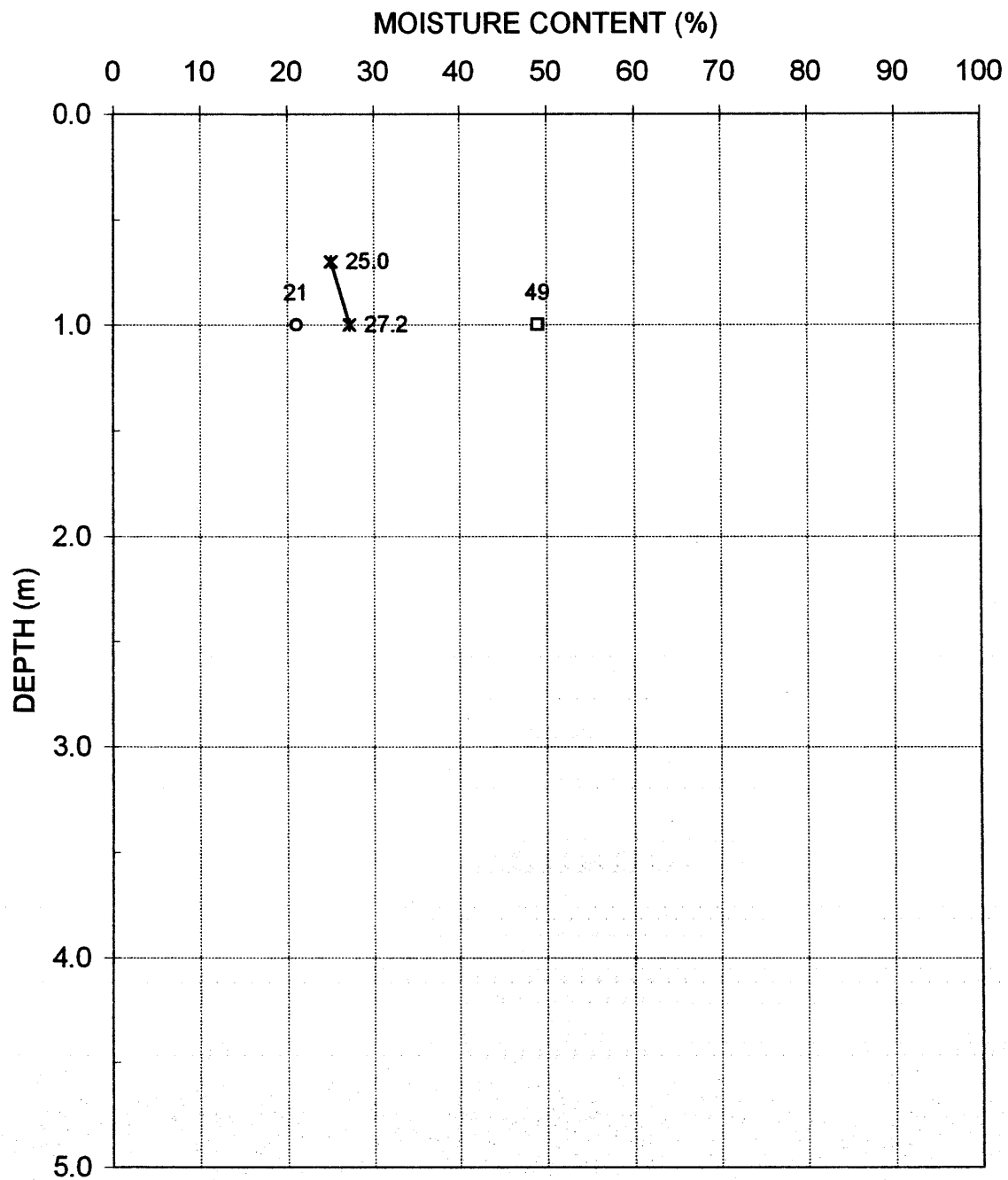
For and on behalf of
Soiltec Laboratories Limited.



Registered in England. Company Registration No: 3014370
Registered Office: 7 Clarendon Place, King Street, Maidstone, Kent ME14 1BQ



NATURAL MOISTURE CONTENT



○ - □ indicates PL and LL results

◆ - indicates 0.4 LL and should only be applied to London Clay

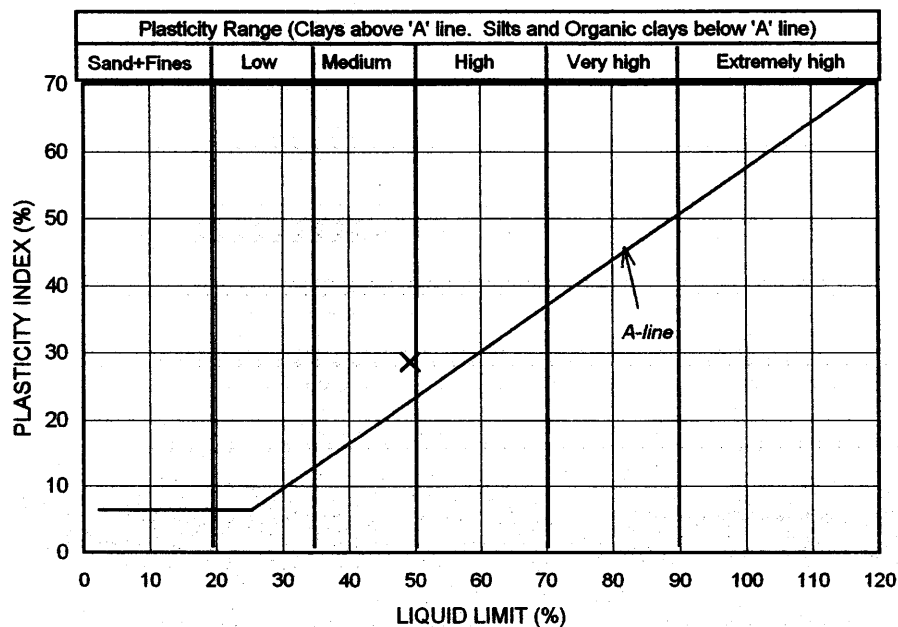
Location :	3 Boscastle Road, London		Job ref:	04169/15
			BH/TP no:	1
Checked				
Approved			Date	15-Sep-09

Client :	PBA Structural Consulting Ltd	Rep No:	04169/15
Site:	3 Boscastle Road, London	Borehole/Trial Pit :	1
		Sample No:	1
		Sample Depth (m)	1.0
		Date:	15/09/09

Sample description : 0
 Test Method : BS1977:Part2:1990:4.3 Multiple point method
 Sample preparation : as received
 Material passing 425µm : 93.89 %
 Natural Water Content : 27.2 % — NOT DESICCATED
 Liquid Limit : 49 %
 Plastic Limit : 21 %
 Plasticity Index : 29 %
 Liquidity Index : 0.23
 Modified Plasticity Index : 27 % Ref : N.H.B.C. 4.2

0.4 LL = 19.6%
 (EMC = 23.1%)

CASAGRANDE PLASTICITY CHART

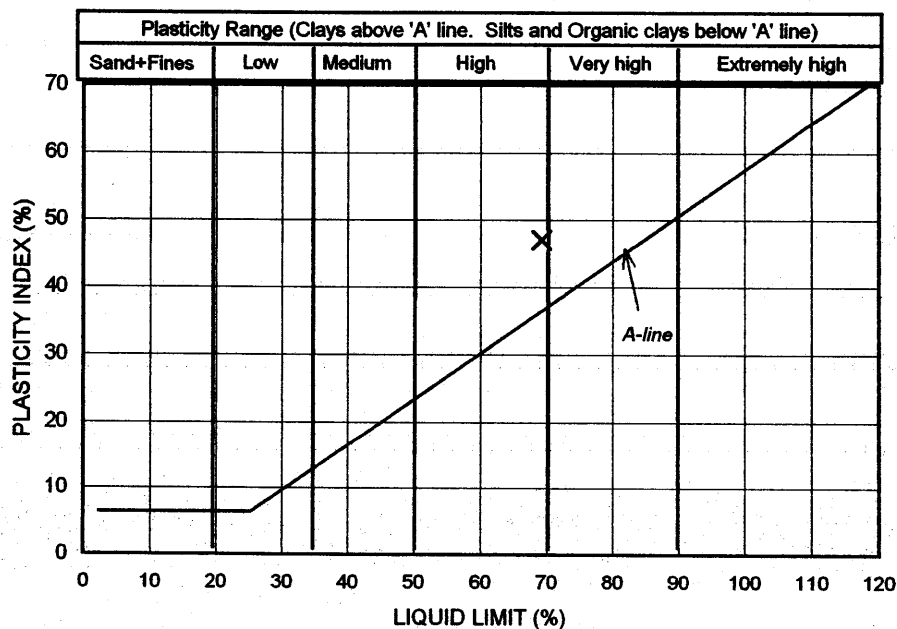


Operator	
Checked	
Approved	

Client :	PBA Structural Consulting Ltd	Rep No:	04169/15
Site:	3 Boscastle Road, London	Borehole/Trial Pit :	2
		Sample No:	1
		Sample Depth (m)	0.7
		Date:	15/09/09

Sample description : 0
 Test Method : BS1977:Part2:1990:4.3 Multiple point method
 Sample preparation : as received
 Material passing 425µm : 76.07 %
 Natural Water Content : 20.2 % — DESICCATED
 Liquid Limit : 69 % $0.4U = 27.6\%$
 Plastic Limit : 22 % $EMC = 27.8\%$
 Plasticity Index : 47 %
 Liquidity Index : -0.04
 Modified Plasticity Index : 36 % Ref : N.H.B.C. 4.2

CASAGRANDE PLASTICITY CHART

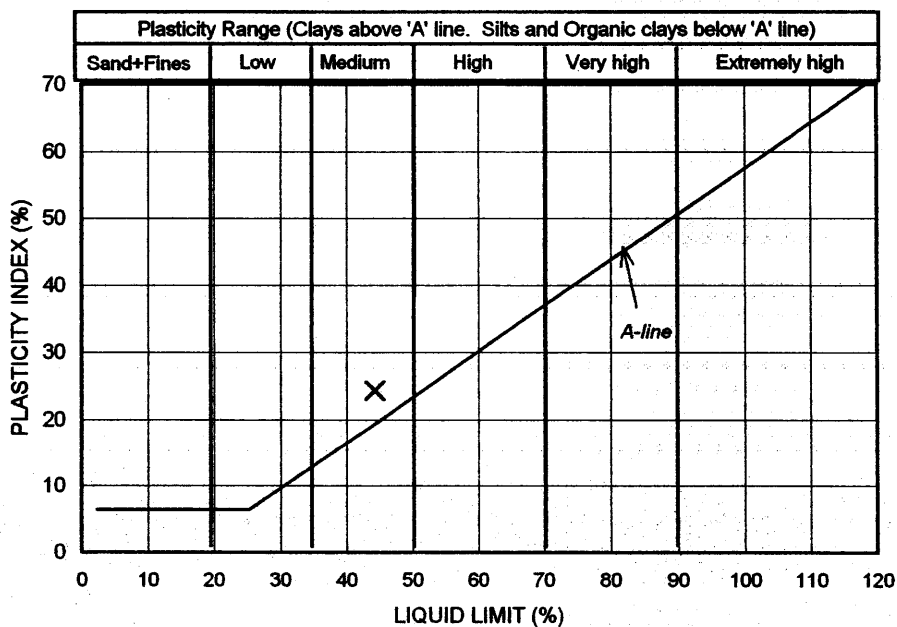


Operator	
Checked	
Approved	

Client :	PBA Structural Consulting Ltd	Rep No:	04169/15
Site:	3 Boscastle Road, London	Borehole/Trial Pit :	3
		Sample No:	1
		Sample Depth (m)	0.6
		Date:	15/09/09

Sample description : 0
 Test Method : BS1977:Part2:1990:4.3 Multiple point method
 Sample preparation : as received
 Material passing 425µm : 70.69 %
 Natural Water Content : 27.3 % *NOT DESICCATED*
 Liquid Limit : 44 % *0.4LL = 17.6%*
 Plastic Limit : 20 % *(PLC = 21.4%)*
 Plasticity Index : 24 %
 Liquidity Index : 0.31
 Modified Plasticity Index : 17 % Ref : N.H.B.C. 4.2

CASAGRANDE PLASTICITY CHART

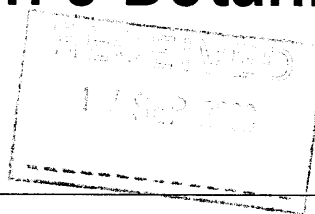


Operator	
Checked	
Approved	



Richardson's Botanical Identifications

*Root identification
Vegetation surveys
Tree/Building investigations
Plant taxonomy*



Dr Ian B K Richardson
BSc, PhD, CBiol, MIBiol, MIHort, FLS
James Richardson
BSc (Hons. Biology)

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15/09/2009

Your ref: GS/HW/05336
Our ref: 69/2413

Dear Sirs

3 Boscastle Road, London, NW5 1EE

The roots you sent in relation to the above on 03/09/2009 have been examined.^ The structure was referable as follows:

TH1, 0.7m

1 root *Prunus* species (Cherries, Plums and Damsons, Almonds, Peaches and Apricots, Blackthorn/Sloe, as well as the shrubby Cherry-laurel and Portugal-laurel).

1 root *Laurus* (Bay). 2 further roots, not examined in detail appeared similar under low magnification.

1 root - insufficient material (mainly BARK only).

TH2, 0.7m

1 root the family Rosaceae, subfamily Pomoideae (a group of closely related trees: Malus (Apple), Pyrus (Pear), Crataegus (Hawthorn), Sorbus (Rowan, Whitebeam, Service tree), Mespilus (Medlar), and some shrubs (Pyracantha (Firethorn), Chaenomeles (Japonica), Cydonia (Quince), Amelanchier, Cotoneaster)).

1 root Prunus species (as listed above). 3 further roots, not examined in detail appeared similar under low magnification.

TH3, 0.6m

1 root Acer (Maples, Sycamores). 5 further roots, not examined in detail appeared similar under low magnification.

1 root shrubby members of the family Oleaceae (Syringa (Lilac), Ligustrum (Privet), Forsythia, Jasminum (Jasmine), Osmanthus, Phillyrea).

I trust this is of help. Please call us if you have any queries; our invoice is enclosed.

Yours faithfully



Dr Ian B K Richardson

* * Try out our web site on www.botanical.net * *

^ Identified with no information on vegetation, on or off site.

Sheet No: M/01

Job No: 05336

Area:

Frequency: 8 weekly

CRACK MONITORING RECORD

Project: Mr P Burnham - 3 Boscastle Road, London NW5 1EE
Telephone nos. 0207 485 8831 – 07985 411 458

Date of Reading	Location of Discs or Screws				
	1	2	3	4	5
	Internal 1 st Floor Landing on RH Partition to Bedroom	1 st Floor Landing – W.C. Bottom LH Corner	1 st Floor Landing W.C. Top RH Corner	External LH Flank Wall at Junction with Rear Projection High Level (ladder) LH Crack	LH Flank Wall At Junction with Rear Projection High Level (Ladder) RH Crack
08/09/05	40.60	31.89	27.98	53.51	66.54
18/11/05	40.87	31.81	28.22	53.64	66.36
12/01/06	40.97	31.68	28.19	53.45	65.92
16/03/06	41.12	31.56	28.09	53.57	65.77
01/06/06	---	--- N/A	---APPT	MADE	---
09/06/06	40.90	31.47	28.14	53.48	65.58
19/07/06	41.23	32.08	28.14	53.58	65.36
27/09/06	41.19	32.47	28.29	54.16	66.46
08/11/06	41.14	31.73	28.24	53.84	65.74
24/01/07	40.20	29.92	27.82	52.52	64.41
13/03/07	---*	---	---	---	---
21/03/07	40.32	30.15	27.86	52.47	64.64
08/05/07	40.40	30.37	27.87	52.57	64.54
02/07/07	40.40	30.54	27.90	52.70	64.96
24/08/07	40.48	30.88	27.99	53.02	65.10
16/10/07	40.62	30.83	27.98	53.10	64.98
20/12/07	40.67	30.60	27.98	52.61	64.76
14/02/08	40.63	30.30	27.96	52.46	64.74
14/04/08	40.71	30.18	27.98	52.23	64.63
26/06/08	40.78	30.79	28.04	52.53	65.12
08/08/08	40.83	31.86	28.02	52.55	65.96
01/10/08	40.97	31.81	28.18	53.28	65.80
03/12/08	40.96	31.25	28.05	53.14	65.12
21/01/09	41.05	30.70	28.00	52.71	64.82

Sheet No: M/01 - Continued

Job No: 05336

Area:

Frequency: 8 weekly

CRACK MONITORING RECORD

Project: Mr P Burnham - 3 Boscastle Road, London NW5 1EE
Telephone nos. 0207 485 8831 – 07985 411 458

Date of Reading	Location of Discs or Screws				
	1	2	3	4	5
	Internal 1 st Floor Landing on RH Partition to Bedroom	1 st Floor Landing – W.C. Bottom LH Corner	1 st Floor Landing W.C. Top RH Corner	External LH Flank Wall at Junction with Rear Projection High Level (ladder) LH Crack	LH Flank Wall At Junction with Rear Projection High Level (Ladder) RH Crack
25/03/09	41.10	30.41	27.94	52.43	64.72
20/05/09	41.04	30.76	27.90	52.55	64.75
30/07/09	41.31	32.21	28.00	53.56	66.03
01/09/09	41.36	32.41	28.19	53.75	66.36
05/11/09	41.33	32.27	28.08	53.60	65.97
05/01/10	41.27	31.26	27.94	53.00	65.33

*No access client on holiday

Works: Tree works undertaken: ---
Drainage works completed: Nov 2005

Sheet No: M/02

Job No: 05336

Area:

Frequency: 8 weekly

CRACK MONITORING RECORD

Project: Mr P Burnham - 3 Boscastle Road, London NW5 1EE
Telephone nos. 0207 485 8831 – 07985 411 458

Date of Reading	Location of Discs or Screws				
	6	7	8	9	10
	Internal : First Floor – Front Lounge: Diagonal crack above door to Landing	Internal : Second Floor – Rear Bedroom: Crack above top LH corner rear window	Internal : Second Floor – Rear Bedroom: Crack in RH party wall at rear	Internal : Second Floor – Front Bedroom: Crack above top LH corner front window	Internal : Second Floor – Bathroom: Crack in LH flank wall at high level
01/09/09	32.00	34.69	44.76	34.01	32.13
05/11/09	31.74	35.01	45.11	34.22	32.80
05/01/10	31.05	35.43	45.10	34.45	32.99

Works: Tree works undertaken: ---
Drainage works completed: Nov 2005

Sheet No: M/03

Job No: 05336

Area:

Frequency: 8 weekly

CRACK MONITORING RECORD

Project: Mr P Burnham - 3 Boscastle Road, London NW5 1EE
Telephone nos. 0207 485 8831 – 07985 411 458

Date of Reading	Location of Discs or Screws				
	11	12	13		
	<u>Internal:</u> Ground Floor – Dining: Crack above door to Hall	<u>External:</u> Front Elevation – Crack above front door under balcony (ladder required)	<u>External:</u> Front Elevation – Crack above front window under balcony (ladder required)		
01/09/09	49.09	53.87	66.64		
05/11/09	49.11	54.22	67.37		
05/01/10	47.36	54.20	67.27		

Works: Tree works undertaken: ---
Drainage works completed: Nov 2005