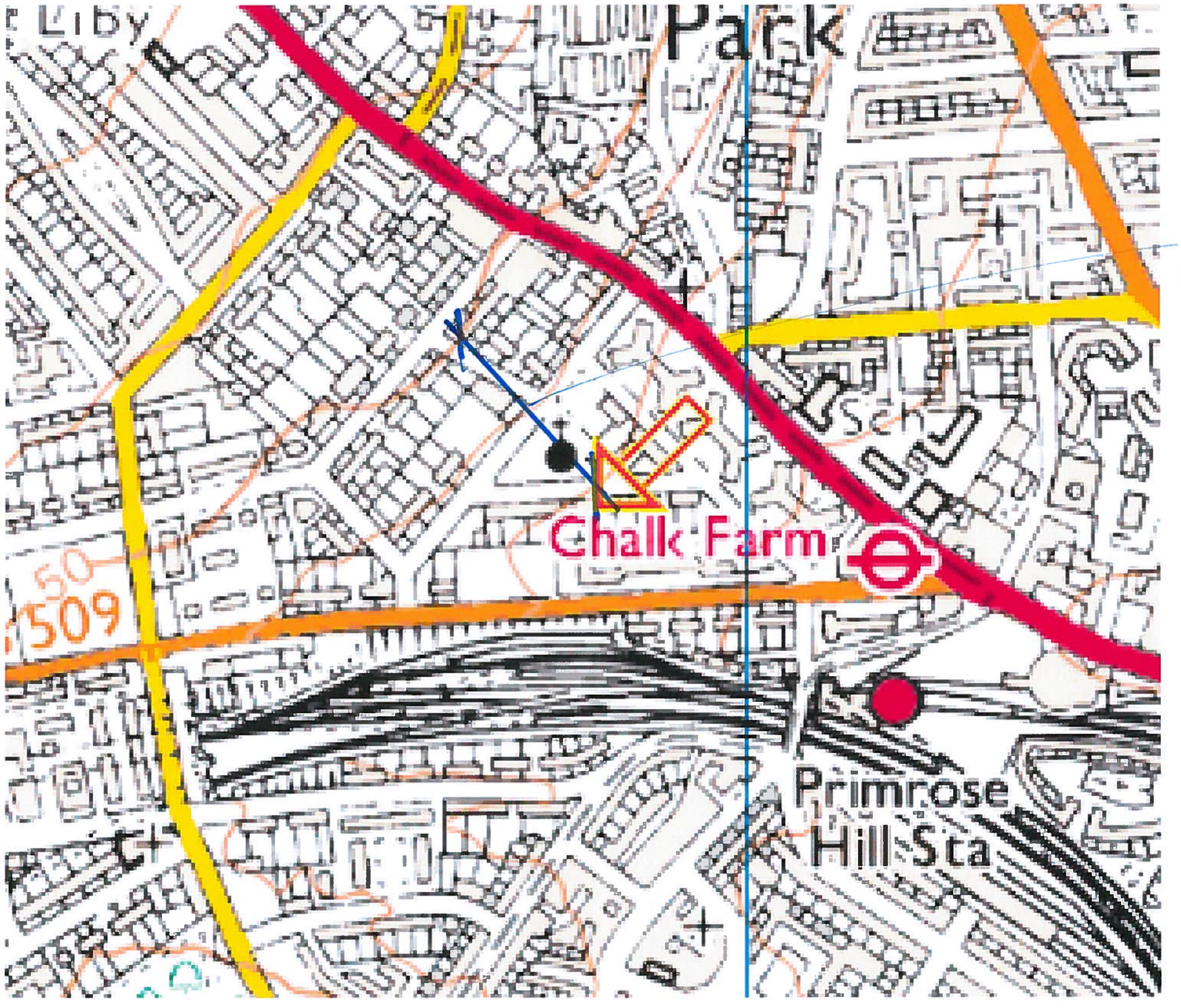
Ordnance Survey 1:25,000 Map

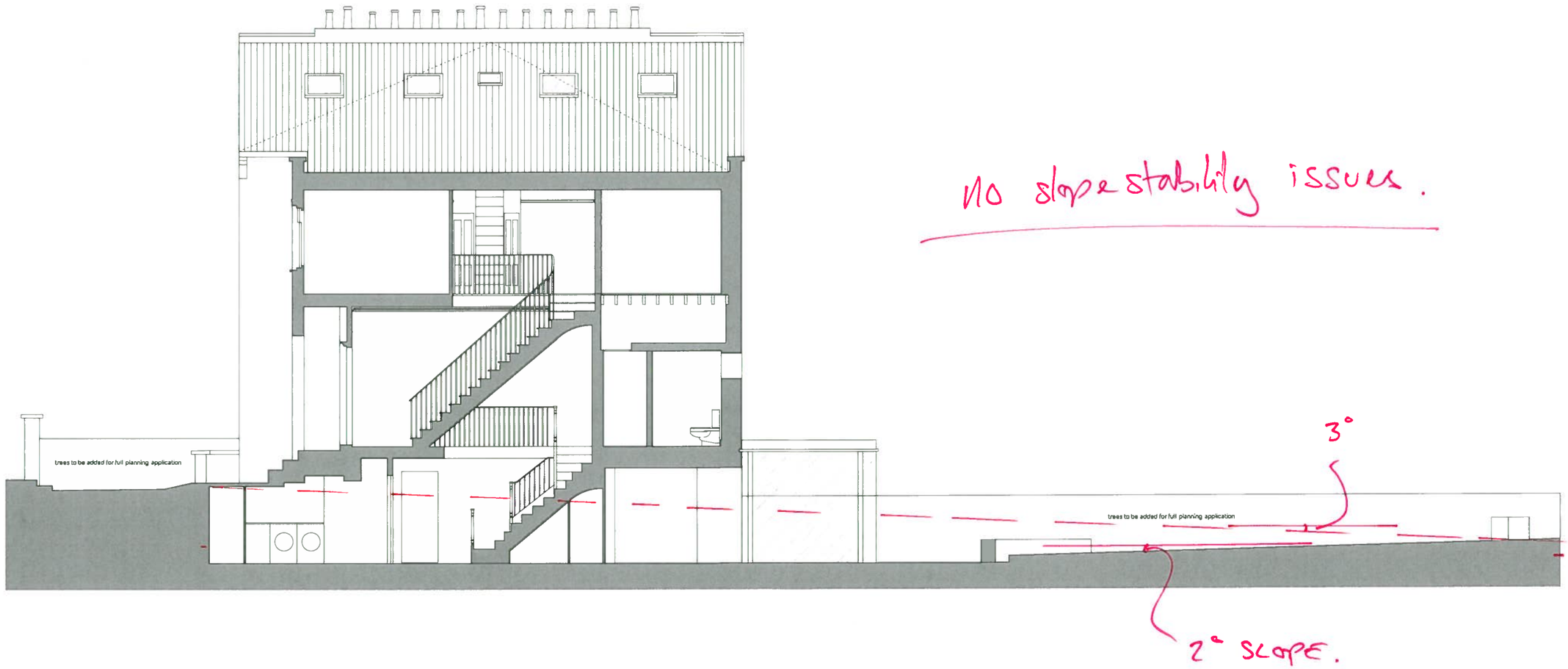


≈ 80 m BETWEEN 2 No. 5M CONTOURS.

= 8.5°

GENERAL SLOPE.

FIG. 16a



no slope stability issues.

project name:
12 PROVOST ROAD

drawing name:
Existing Section AA

project number: PMA 161
dwg no: EX 09
revision: /

postcode: NW3 4ST
drawn by: TC
chkd: PM
date: Mar 2012

issue: Pre-Planning
scale: 1.50 @ A1 (0, 500, 1000, 1500 MM)
1.100 @ A3 (0, 1000, 2000, 3000 MM)
drawing note: Not for construction

revision notes:

rev:	by	chkd	appd	ai no.	date:	revision.
/	JK	PM	/	n/a	01/08/2010	first issue drawing using PMA survey data as per dimension note
A						
B						
C						
D						
E						
F						
G						
H						
I						
J						
K						
L						
M						
N						
O						
P						
Q						

N

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dimensions:
This drawing has been prepared from a survey drawing that was based on rough survey measurements that were taken for OUTLINE DESIGN PURPOSES ONLY, which is NOT likely to be as precise as a full measured survey. As a result, no warranty as to be precision of the dimensions indicated or illustrated can be given. While this drawing can be used as a base drawing for construction and quotation purposes, due to the nature of the measurements on which it is based, it is VERY IMPORTANT that all dimensions are checked carefully before any work commences or any materials are ordered. If any discrepancies are noticed between this drawing and any other contract document then please contact Paul McAneary Architects Ltd immediately.

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Fig. 16

No slope stability issues.

all level changes dealt with through retaining wall structure.

project name:
12 PROVOST ROAD

drawing name:
Proposed Section AA

project number: PMA 161
dwg no: GA 09
revision: /

postcode: NW3 4ST
drawn by: TC
chkd: PM
date: Mar 2012

issue: Pre-Planning

scale:
1.50 @ A1 0 500 1000 1500 MM
1.100 @ A3 0 1000 2000 3000 MM

drawing note: Not for construction

revision notes:

rev:	by:	chkd:	appd:	ai no.	date:	revision:
/	JK	PM	/	n/a	01/08/2010	first issue drawing using PMA survey data as per dimension note
A						
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dimensions:
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FIG. 16c

1862-1871

Fig. 17.


1832
North End
Hampstead Heath
Child Hill
Hampstead
The Slade
West End
Shoot up Hill
Mapes
Wilsdon Green
Kilburn
Kilburn Wells
Rosslyn Ho.
Belsize Ho.
Haverstock Hill
Chalcott
Pond Street
Kentish Town
Spring Place
Primrose Hill
Chalk Farm
Camden
Portland Town
REGENTS PARK
Maida Hill
Paddington
Porto Bello Ho.
Knolton Barn
Westbourn Green
Kensal Green
Honeypot Hill
Kensington Gravel Pits
Bayswater
Kensington Gardens
HYDE PARK
Holland House
Kensington
Palace
GREEN PARK
ST. JAMES'S PARK
Upper Holloway
Hornsey Road
Toll Bar
Lower Holloway
Copenhagen Ho.
Belle Isle
Islington
St. Pancras
Regents Canal
Highbury Barn
Highbury Place
Canonbury Ho.
Stoke Newington
Newington Gr.
Balls Pond
Dalston
Hackney
White Lead Works
Haggerstone
Tower St.

FIG. 17b

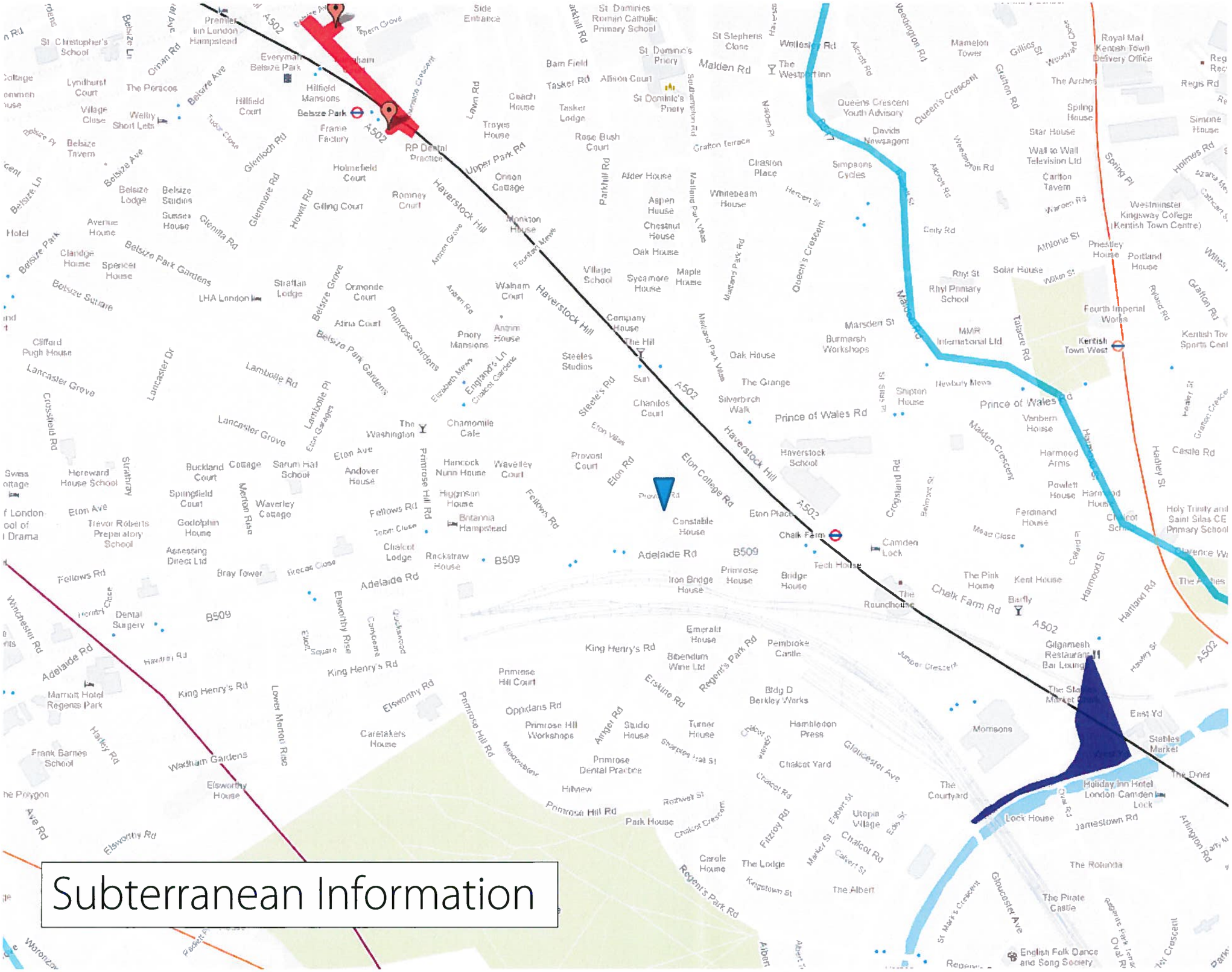


FIG. 18

PROVOST ROAD

15

T5

B

T4

T3

T1

T2

1 panel

2 panels

2.8m

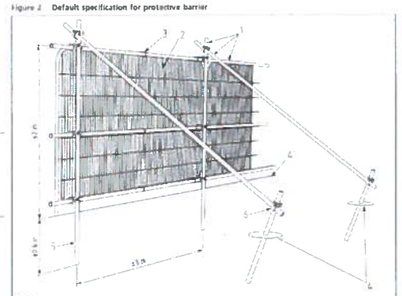
12m to exist Building

8m to new glass box footings

T3
16m to existing building
12m to new glass box footings

1 0 5 10 15 Metres

Figure 4 Default specification for protective barrier



Key
1 Standard scaffold poles
2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6 m)
6 Standard scaffold clamps

Tree to be retained

Tree to be removed

Tree protection fencing comprising braced Heras panels.
Distances from fixed points are dimensioned

Total requirement = 3 x 3m long panels

Arboriculturist's preferred location for sunken garden as to avoid the root protection of T2

New tree species to be confirmed
The species will be tall and with a neat pyramidal form
It will be planted at 14 - 16cm girth at 1m
suitable species include
Liquidambar styraciflua Lane Roberts
Malus tschonoskii
Betula albosinensis Fascination

Area where the ground level should not be altered

Proposed new fruit tree

Revision	Description	Drawn	Date

D F Clark
Bionomique Ltd
Andrews Farm
Burnham Road
Althorne
Chelmsford
Essex
CM3 6DS
Tel 01621 740876
Fax 01621 742242
www.dfclark.co.uk

Client
K & T London Ltd

Site address
12 Provost Road, London

Drawing title
Tree Protection Plan

Date
20.05.12

Scale
1:200@A3

Drawing number
DFC1287_TPP

Revision
-

Drawn
KS

Authorised
SMH

Drawing status
Issue

Orientation

The original of this drawing was produced in colour-
a monochrome copy should not be relied upon

FIG. 19a

Please refer to full arboricultural report for details

- (A) Category A - high quality and value
- (B) Category B - moderate quality and value
- (C) Category C - low quality and value
- (U) Category U - unsuitable for retention

RPA - root protection area as defined by Table 2 BS 5837:2012

Tree no.	Species	BS 5837 categorisation	Root protection area radius (m)
T1	Magnolia	C1	1.8
T2	Locust Tree	B1	3.5
T3	Ash	C2	5
T4	Pear	R	6
T5	Magnolia	B2	4.8

Revision	Description	Drawn	Date

D F Clark
Bionomique Ltd
Andrews Farm
Burnham Road
Althorne
Chelmsford
Essex
CM3 6DS
Tel 01621 740876
Fax 01621 742242
www.dfclark.co.uk

Client: K & T London Ltd

Date: 20.05.12

Scale: 1:200@A3

Site address: 12 Provost Road, London

Drawing number: DFC1287_TSP

Revision: -

Drawing title: Tree Survey Plan

Drawn: KS

Authorised: SMH

Orientation

Drawing status: Issue

1 0 5 10 15 Metres

The original of this drawing was produced in colour-
a monochrome copy should not be relied upon

FIG. 19b

Appendix 4.2-A

Water demand and mature height of trees

Table 12

Broad leafed trees		
Water demand	**Species**	**Mature height [m]**
High	Elm	
	English	24
	Wheatley	22
	Wych	18
	Eucalyptus	18
	Hawthorn	10
	Oak	
	English	20
	Holm	16
	Red	24
	Turkey	24
	Poplar	
	Hybrid black	28
	Lombardy	25
	White	15
	Willow	
	Crack	24
	Weeping	16
	White	24
Moderate	Acacia false	18
	Alder	18
	Apple	10
*	Ash	23
	Bay Laurel	10
	Beech	20
	Blackthorn	8
	Cherry	
	Japanese	9
	Laurel	8
	Orchard	12
	Wild	17
	Chestnut	
	Horse	20
	Sweet	24
	Lime	22
	Maple	
	Japanese	8
	Norway	18
	Mountain Ash	11
*	Pear	12
	Plane	26
	Plum	10
	Sycamore	22
	Tree of Heaven	20
	Walnut	18
	Whitebeam	12
Low	Birch	14
	Elder	10
	Fig	8
	Hazel	8
	Holly	12
	Honey Locust	14
	Hornbeam	17
	Laburnum	12
	Magnolia	9
	Mulberry	9
	Tulip tree	20

Coniferous trees		
Water demand	**Species**	**Mature height [m]**
High	Cypress	
	Lawson's	18
	Leyland	20
	Monterey	20
Moderate	Cedar	20
	Douglas fir	20
	Larch	20
	Monkey Puzzle	18
	Pine	20
	Spruce	18
	Wellingtonia	30
	Yew	12

Note:
1 Where hedgerows contain trees, their effect should be assessed separately. In hedgerows, the height of the species likely to have the greatest effect should be used.
2 Within the classes of water demand, species are listed alphabetically; the order does not signify any gradation in water demand.
3 When the species is known but the sub-species is not, the greatest height listed for the species should be assumed.
4 Further information regarding trees may be obtained from the Arboricultural Association or the Arboricultural Advisory and Information service (see Appendix 4.2-E).

* 12 PROVOST ROAD TREES TO BE REMOVED.

→ 1 No. ASH - 16m FROM EXISTING BUILDING. (12m HIGH)

→ 1 No. PEAR - 12m FROM EXISTING BUILDING. (8m HIGH)

Appendix 4.2-B

Foundation Depth Charts

Table 13 Determination of D/H Value

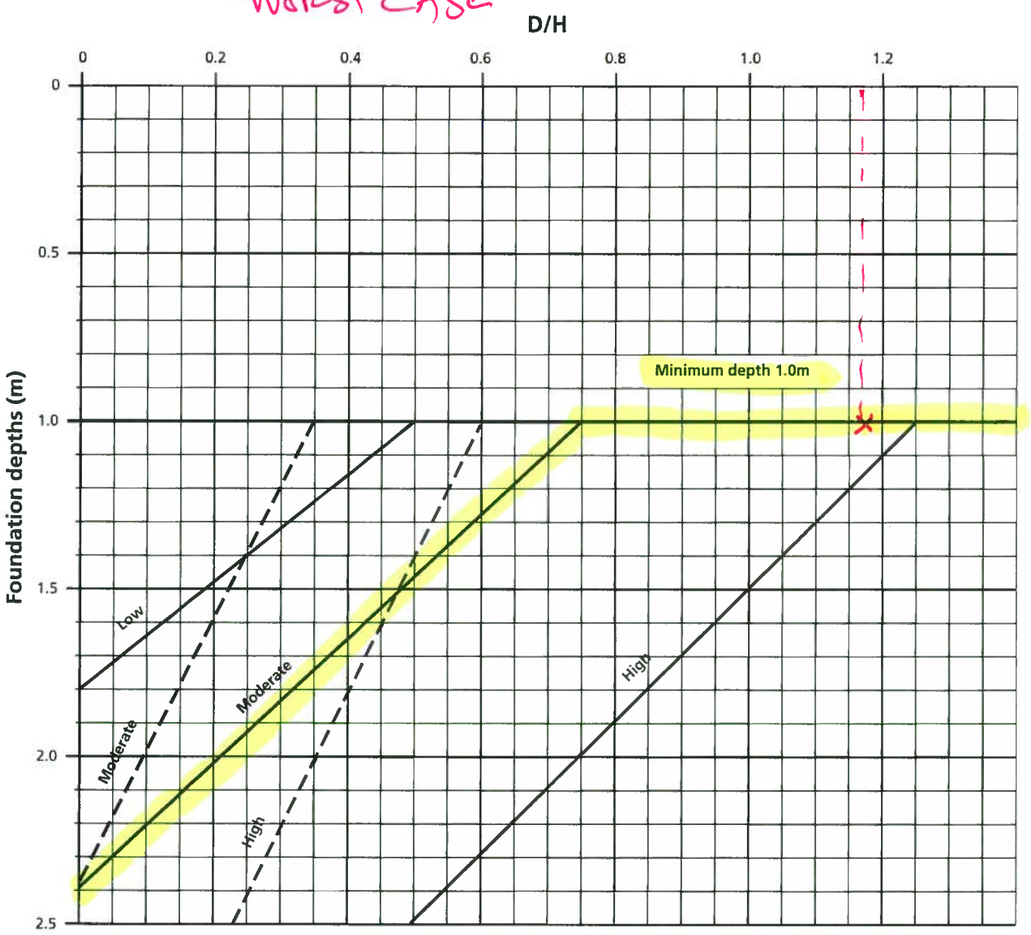
Distance D (m)	Tree height H (m)														
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
1	0.50	0.25	0.17	0.13	0.10	0.08	0.07	0.06	0.06	0.05	0.05	0.04	0.04	0.04	0.03
2	1.00	0.50	0.33	0.25	0.20	0.17	0.14	0.13	0.11	0.10	0.09	0.08	0.08	0.07	0.07
3		0.75	0.50	0.38	0.30	0.25	0.21	0.19	0.17	0.15	0.14	0.13	0.12	0.11	0.10
4		1.00	0.67	0.50	0.40	0.33	0.29	0.25	0.22	0.20	0.18	0.17	0.15	0.14	0.13
5			0.83	0.63	0.50	0.42	0.36	0.31	0.28	0.25	0.23	0.21	0.19	0.18	0.17
6			1.00	0.75	0.60	0.50	0.43	0.38	0.33	0.30	0.27	0.25	0.23	0.21	0.20
7			1.17	0.88	0.70	0.58	0.50	0.44	0.39	0.35	0.32	0.29	0.27	0.25	0.23
8				1.00	0.80	0.67	0.57	0.50	0.44	0.40	0.36	0.33	0.31	0.29	0.27
9				1.13	0.90	0.75	0.64	0.56	0.50	0.45	0.41	0.38	0.35	0.32	0.30
10					1.00	0.83	0.71	0.63	0.56	0.50	0.45	0.42	0.38	0.36	0.33
11					1.10	0.92	0.79	0.69	0.61	0.55	0.50	0.46	0.42	0.39	0.37
12					1.20	1.00	0.86	0.75	0.67	0.60	0.55	0.50	0.46	0.43	0.40
13						1.08	0.93	0.81	0.72	0.65	0.59	0.54	0.50	0.46	0.43
14						1.17	1.00	0.88	0.78	0.70	0.64	0.58	0.54	0.50	0.47
15							1.07	0.94	0.83	0.75	0.68	0.63	0.58	0.54	0.50
16							1.14	1.00	0.89	0.80	0.73	0.67	0.62	0.57	0.53
17							1.21	1.06	0.94	0.85	0.77	0.71	0.65	0.61	0.57
18								1.13	1.00	0.90	0.82	0.75	0.69	0.64	0.60
19								1.19	1.06	0.95	0.86	0.79	0.73	0.68	0.63
20									1.11	1.00	0.91	0.83	0.77	0.71	0.67
21									1.17	1.05	0.95	0.88	0.81	0.75	0.70
22										1.10	1.00	0.92	0.85	0.79	0.73
23										1.15	1.05	0.96	0.88	0.82	0.77
24										1.20	1.09	1.00	0.92	0.86	0.80
25											1.14	1.04	0.96	0.89	0.83
26											1.18	1.08	1.00	0.93	0.87
27												1.13	1.04	0.96	0.90
28												1.17	1.08	1.00	0.93
29												1.21	1.12	1.04	0.97
30													1.15	1.07	1.00
31													1.19	1.11	1.03
32														1.14	1.07
33														1.18	1.10
34														1.21	1.13
35															1.17
36															1.20

Where no value is given in the table, minimum foundation depths apply (i.e. 1.0m, 0.9m and 0.75m for high, medium and low volume change potential soils respectively).

FIG. 20a

Chart 1 Soils with HIGH volume change potential: Modified Plasticity Index 40% or greater
(see Design clause D5(b))

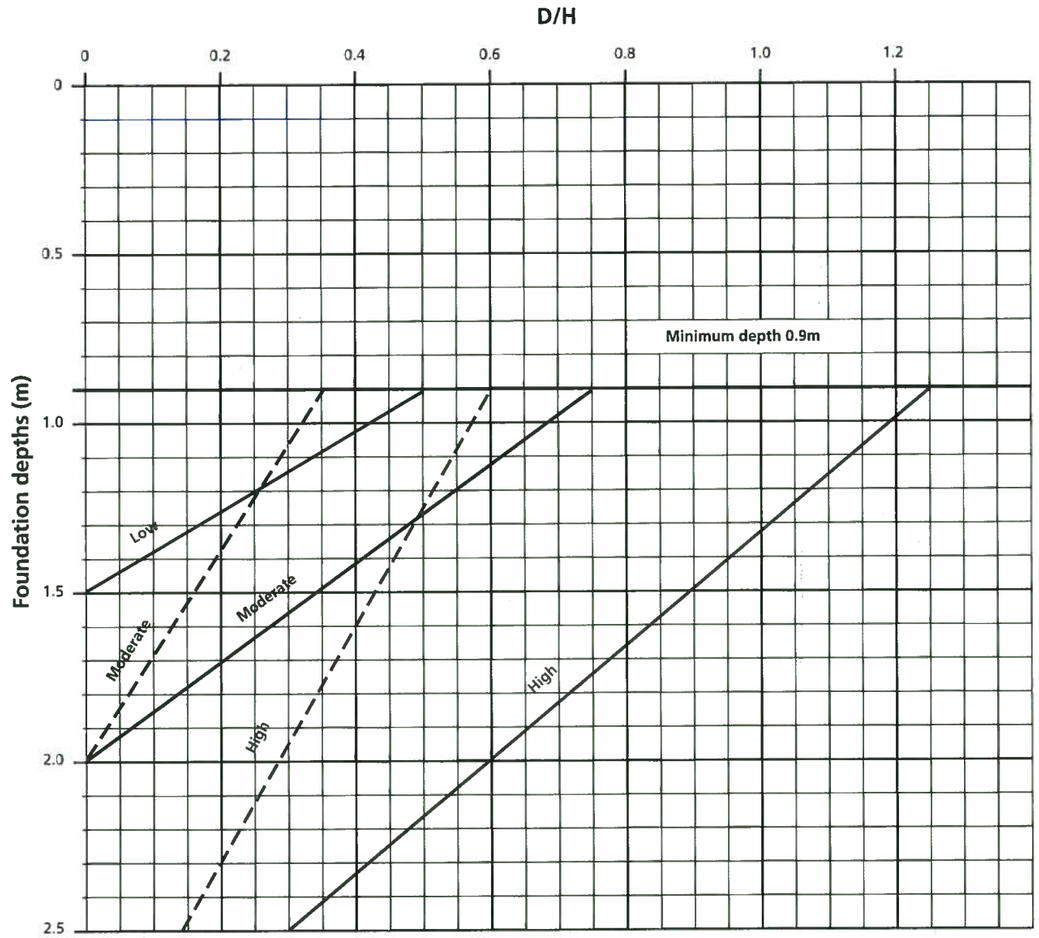
WORST CASE



TREE WATER DEMANDS

Broad leafed trees	Coniferous trees
High	High
Moderate	Moderate
Low	

Chart 2 Soils with MEDIUM volume change potential: Modified Plasticity Index between 20% and less than 40%
(see Design clause D5(b))



TREE WATER DEMANDS

Broad leafed trees	Coniferous trees
High	High
Moderate	Moderate
Low	

FIG. 20b