



ONE HORTON HEATH, EASTLEIGH

FLOOD RISK ASSESSMENT

EASTLEIGH BOROUGH COUNCIL

PART 3 OF 5

APPENDIX 4

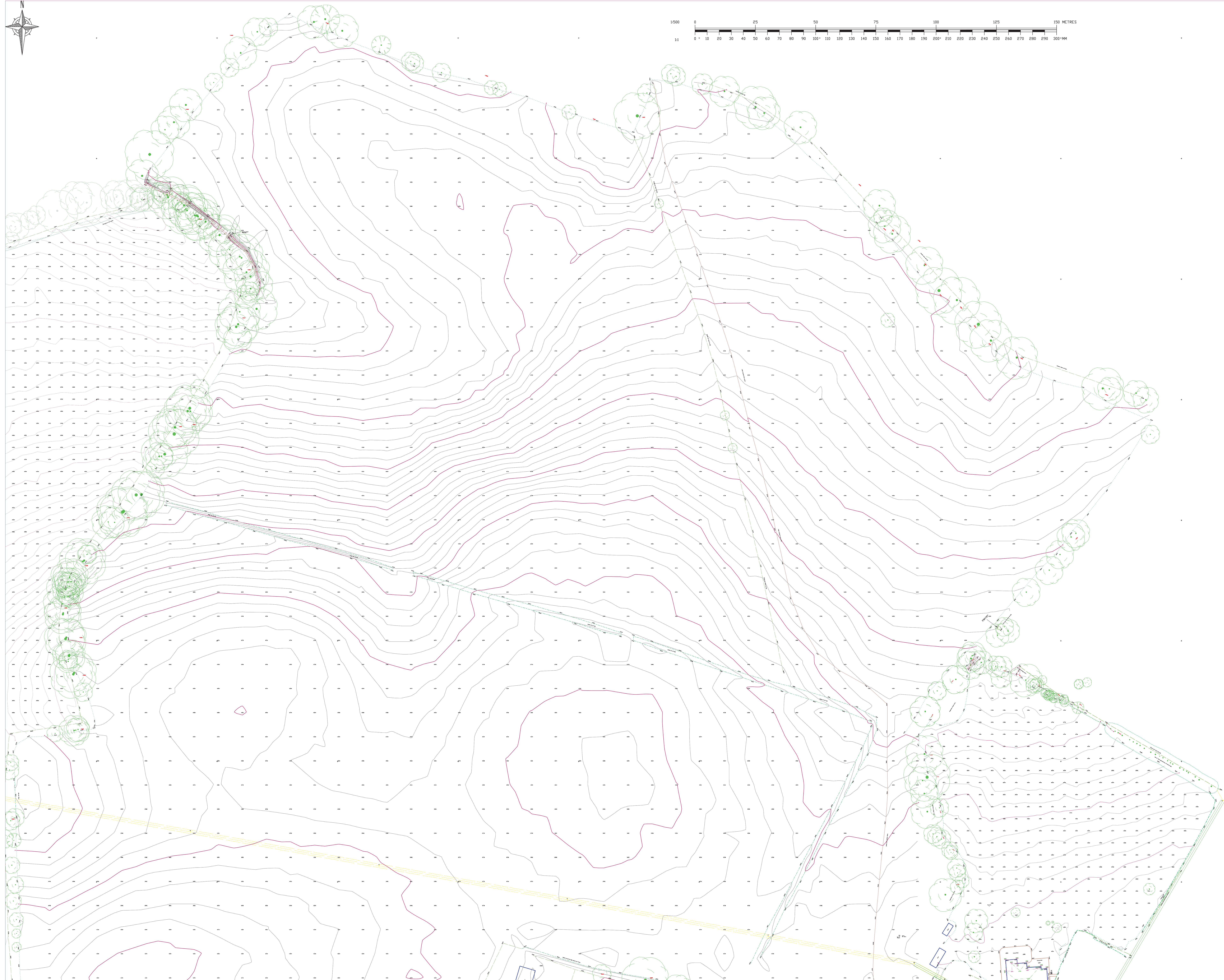
Document Reference: G277-DOC01-FRA-Issue 2

MAY 2021

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engineering the future



- Notes
- The survey was carried out during March/April 2014, using Leica TPS and Viva 5 second instruments and Viva GPS.
 - North relates to OS Grid North.
 - All co-ordinates relate to OS GB36 Datum at Stn MI. The rest of the site is orientated to OS Grid North but has been surveyed on a flat grid with no scale factor (1:1). All heights relate to OSGB 36 datum and have been computed using the OS (NGS) Grid model.

- LEGEND
- ▲ Survey Station
 - IC - Inspection Cover
 - CA - Cable TV Cover
 - FH - Fire Hydrant
 - SV - Stop Valve
 - GV - Gas Valve
 - PB - Post Box
 - TCB - Call box
 - TC - TCSU Cover
 - PT - Parking Ticket Machine
 - ER - Earthing Rod
 - TS - Traffic Bollard
 - Litter Bin
 - Gully
 - △ MH - Manhole Triangular
 - MH - Manhole Circular
 - PB - Post Box
 - Gate Post
 - TP - Telephone Pole
 - EP - Electricity Pole
 - RS - Road Sign (See Schedule)
 - TL - Traffic Light
 - B - Bollard
 - FP - Flag Pole
 - LP - Lamp Post
 - C - Camera
 - G - Gate
 - T - Tree (Coniferous - girth and spread to scale)
 - D - Tree (Deciduous - girth and spread to scale)
 - B - Tree (Dead/diseased - girth and spread to scale)
 - S - Spot Level
 - T - Tree Height
 - W - Top of Wall Height
 - A - Apex Height
 - L - Leve Height
- Line Styles
- Kerb
 - Drop Kerb
 - Road Edge (no kerb)
 - Track Edge
 - Change of Surface
 - Road Centre Line
 - Double Yellow Lines
- Other Features
- Wall
 - Fence
 - Edge of Hedge
 - Vegetation Edge
 - Iron Railings
 - Building
 - Apex Line
 - Eave Line
 - Parking Bay
 - Overhead Power Cable
 - Open Channel
 - Top of Bank
 - Bottom of Bank
 - Major Contour Interval - 10m
 - Minor Contour Interval - 0.2m

CO-ORDINATE TABLE			
Reference	East	North	Elevation
P1	448871.230	117304.158	26.807
P3	448991.481	117297.533	26.890
P4	449155.520	117297.176	27.932
P6	449283.210	117268.823	30.369
P7	449396.794	117268.195	31.359
M1	448769.911	116380.375	31.384
M2	448947.196	116455.987	31.211
M3	449209.225	116401.087	23.227
Stn C1	448867.574	116301.014	26.983
Stn C2	448812.042	116283.730	24.516

CO-ORDINATE TABLE			
Reference	East	North	Elevation
X1	448999.731	117314.913	26.216
X2	448618.784	117382.827	22.764
X3	448913.933	117418.320	19.863
X4	448543.136	117488.769	19.230
X5	448450.708	117529.540	17.845
X6	448379.436	117575.546	16.811
X7	448314.210	117597.301	15.142

E	Additional tree information at Roe Lodge and Chalcroft Business Park	23 May 15
D	Sub surface pipe line added (Bubble Lane)	10 Feb 15
C	Fyr Tree Farm added	17 Jun 15
B	Additional survey areas added	31 Oct 14
A	Window and door cuts added	27 Aug 14

rev.	amendment	date
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client
SAVILLS LIMITED

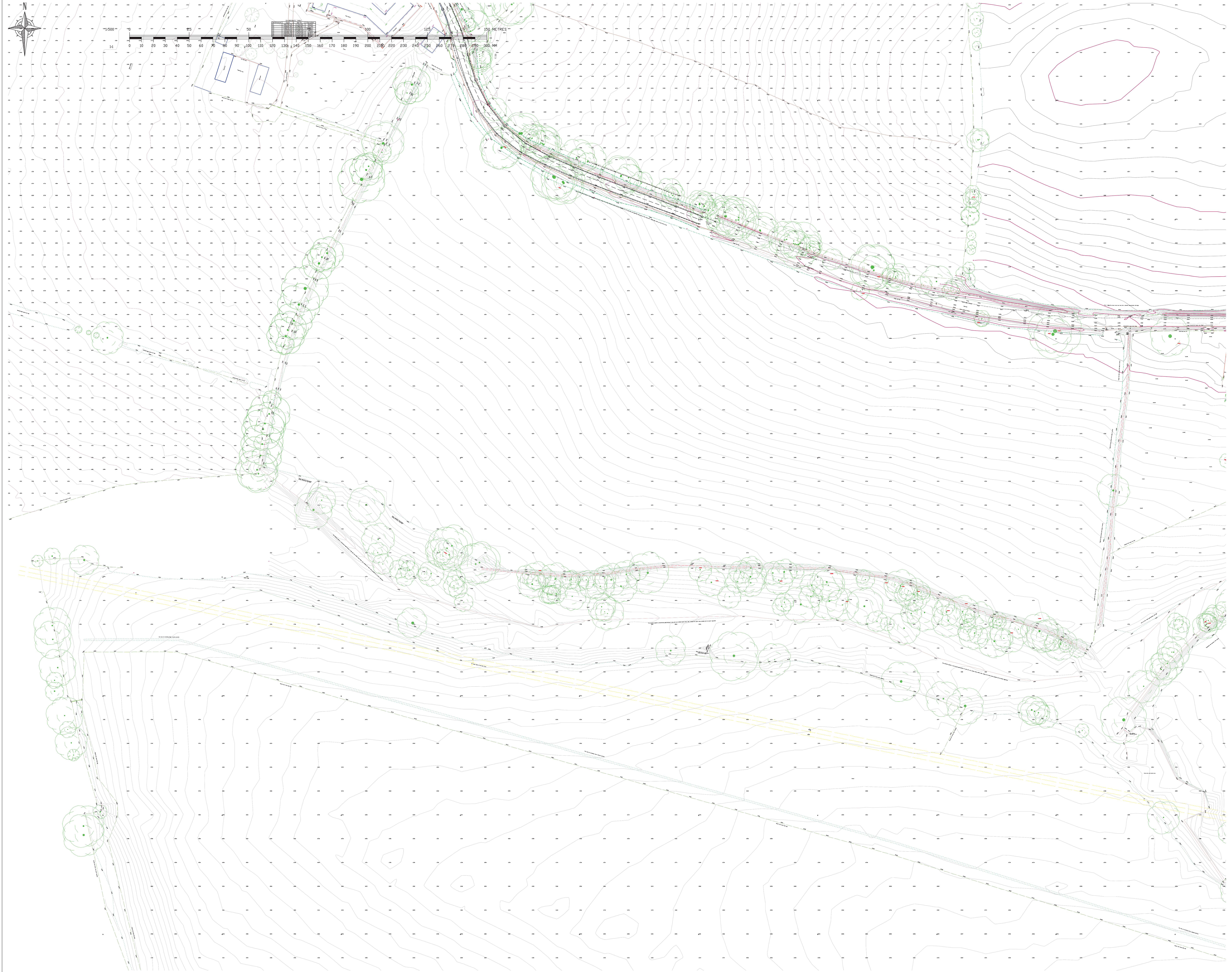
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HAMPSHIRE

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checked by
RPW

date
05 MAY 2014
cad file
IR.SAV.1.21.DWG

title
DETAILED TOPOGRAPHICAL
SURVEY

drawing number
IR.SAV.1.21.1
rev.
E



Notes

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- North relates to OS Grid North.
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- PT - Parking Ticket Machine
- ER - Earthing Rod
- TB - Traffic Bollard
- Litter Bin
- Gully
- △ MH - Manhole Triangular
- MHC - Manhole Circular
- PB - Post Box
- Gate Post
- TP - Telephone Pole
- EP - Electricity Pole
- RS - Road Sign (See Schedule)
- TL - Traffic Light
- B - Bollard
- FP - Flag Pole
- LP - Lamp Post
- C - Camera
- G - Gate
- T - Tree (Coniferous - girth and spread to scale)
- T - Tree (Deciduous - girth and spread to scale)
- T - Tree (Dead/diseased - girth and spread to scale)
- S - Spot Level
- H - Tree Height
- T - Top of Wall Height
- A - Apex Height
- L - Level Height

- Kerb
- Drop Kerb
- Road Edge (no kerb)
- Track Edge
- Change of Surface
- Road Centre Line
- Double Yellow Lines

- Wall
- Fence
- Edge of Hedge
- Vegetation Edge
- Iron Railings

- Building
- Apex Line
- Eave Line
- Parking Bay

- Overhead Power Cable
- Open Channel
- Top of Bank
- Bottom of Bank
- Major Contour Interval - 10m
- Minor Contour Interval - 0.2m

Reference	East	North	Elevation
F1	448871.230	117304.158	26.807
F3	448991.481	117297.533	26.890
F4	449155.250	117287.176	27.932
F6	449283.210	117268.823	30.369
F7	449364.794	117268.195	31.599
M1	448785.911	116380.375	31.384
M2	448947.196	116455.987	31.211
M3	449029.225	116401.087	23.227
Stn C1	448867.574	116001.014	26.983
Stn C2	448812.642	116823.730	24.516

Reference	East	North	Elevation
X1	448999.731	117314.933	26.216
X2	448618.784	117382.827	22.764
X3	448512.033	117414.830	19.863
X4	448543.136	117488.768	19.230
X5	448450.708	117529.540	17.845
X6	448379.636	117575.546	16.815
X7	448314.210	117597.301	15.142

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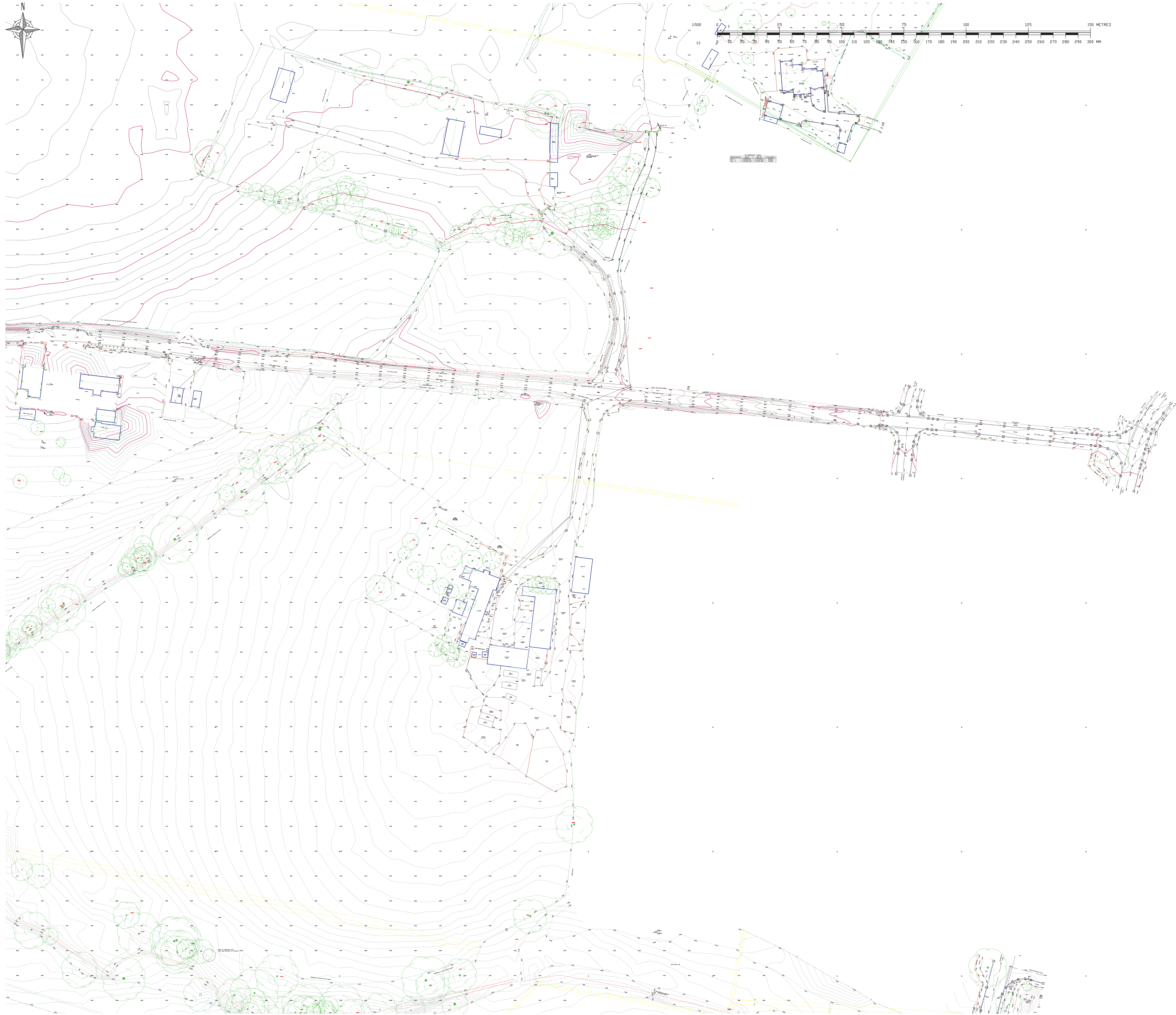
client
SAVILLS LIMITED

project
HORTON HEATH
HAMPSHIRE

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title
DETAILED TOPOGRAPHICAL
SURVEY

drawing number IR.SAV.1.21.2	rev. E
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 - MH - Manhole Circular
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 - RS - Road Sign (See Schedule)
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 - B - Bollard
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 - C - Camera
 - G - Gate
 - T - Tree (Coniferous - girth and spread to scale)
 - T - Tree (Deciduous - girth and spread to scale)
 - T - Tree (Dead/diseased - girth and spread to scale)
 - + - Spot Level
 - + - Tree Height
 - + - Top of Wall Height
 - + - Apex Height
 - + - Eave Height
 - Kerb
 - Drop Kerb
 - Road Edge (no kerb)
 - Track Edge
 - Change of Surface
 - Road Centre Line
 - Double Yellow Lines
 - Wall
 - Fence
 - Edge of Hedge
 - Vegetation Edge
 - Iron Railings
 - Building
 - Apex Line
 - Eave Line
 - Parking Bay
 - Overhead Power Cable
 - Open Channel
 - Top of Bank
 - Bottom of Bank
 - Major Contour Interval - 10m
 - Minor Contour Interval - 0.2m

CO-ORDINATE TABLE			
Reference	East	North	Elevation
F1	448891.230	117304.158	26.807
F3	448991.481	117297.533	26.890
F4	449155.250	117287.176	27.935
F6	449283.210	117268.823	30.369
F7	449384.774	117268.195	31.359
M1	448785.911	116383.375	31.384
M2	448947.196	116455.987	31.211
M3	449291.225	116401.087	23.227
Stn C1	448867.574	116001.014	26.983
Stn C2	448812.642	116023.730	24.516

CO-ORDINATE TABLE			
Reference	East	North	Elevation
X1	448999.731	117314.913	26.216
X2	448618.784	117382.827	22.764
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X6	448379.636	117576.546	16.815
X7	448314.810	117597.301	15.142

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D	Sub surface pipe line added (Bubble Lane)	10 Feb 15
C	F7: Tree Form added	17 Jun 15
B	Additional survey areas added	31 Oct 14
A	Window and door cuts added	27 Aug 14

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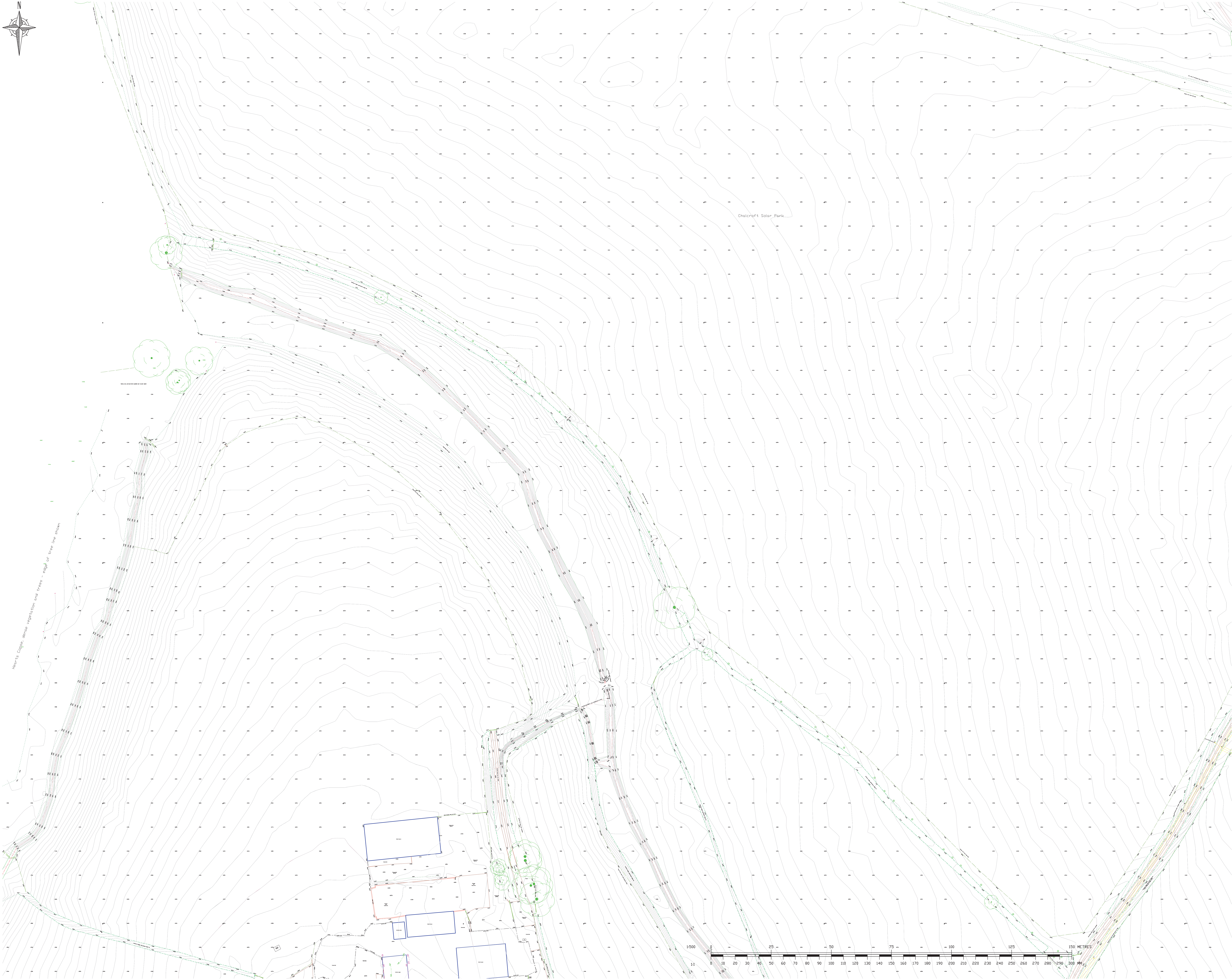
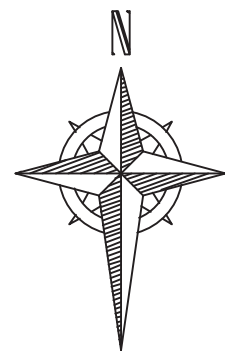
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DETAILED TOPOGRAPHICAL
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E



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CO-ORDINATE TABLE			
Reference	East	North	Elevation
F1	448971.230	117304.158	26.807
F3	448999.481	117297.533	26.890
F4	449155.220	117297.176	27.935
F6	449283.210	117268.823	30.369
F7	449384.774	117268.195	31.359
M1	448765.911	116383.175	31.384
M2	448947.196	116455.987	31.211
M3	449291.225	116401.087	23.227
Stn C1	448867.574	116001.014	26.983
Stn C2	448812.042	116023.730	24.516

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Reference	East	North	Elevation
X1	448999.731	117314.913	26.216
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X5	448450.708	117529.540	17.845
X6	448379.636	117576.546	16.815
X7	448314.810	117597.301	15.142

E	Additional tree information at Roe Lodge and Cholcroft Business Park	23 May 15
D	Sub surface pipe line added (Bubble Line)	10 Feb 15
C	For tree fern added	17 Jun 15
B	Additional survey area added	31 Oct 14
A	Window and door cuts added	27 Aug 14

rev.	amendment	date

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**HORTON HEATH
HAMPSHIRE**

scale	1:500@A0	drawn by	ML / RPW	checked by	RPW
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title
**DETAILED TOPOGRAPHICAL
SURVEY**

drawing number	IR.SAV.1.21.4	rev.	E
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- Notes
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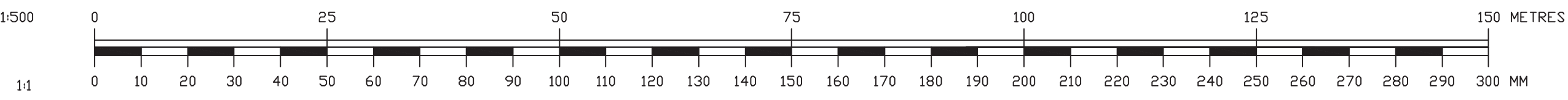
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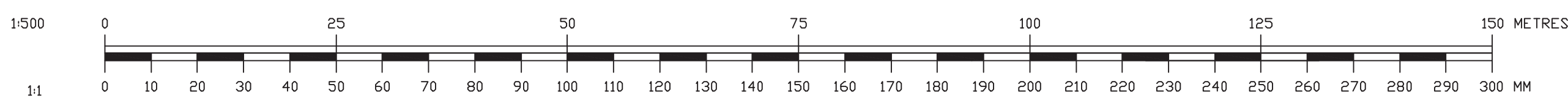
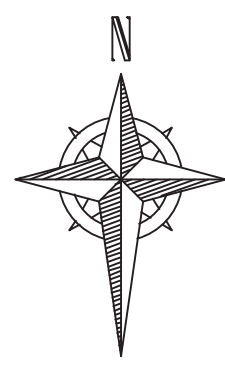
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05 MAY 2014
cad file
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title
DETAILED TOPOGRAPHICAL
SURVEY

drawing number
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rev.
E





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 - North relates to OS Grid North.
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project
HORTON HEATH
HAMPSHIRE

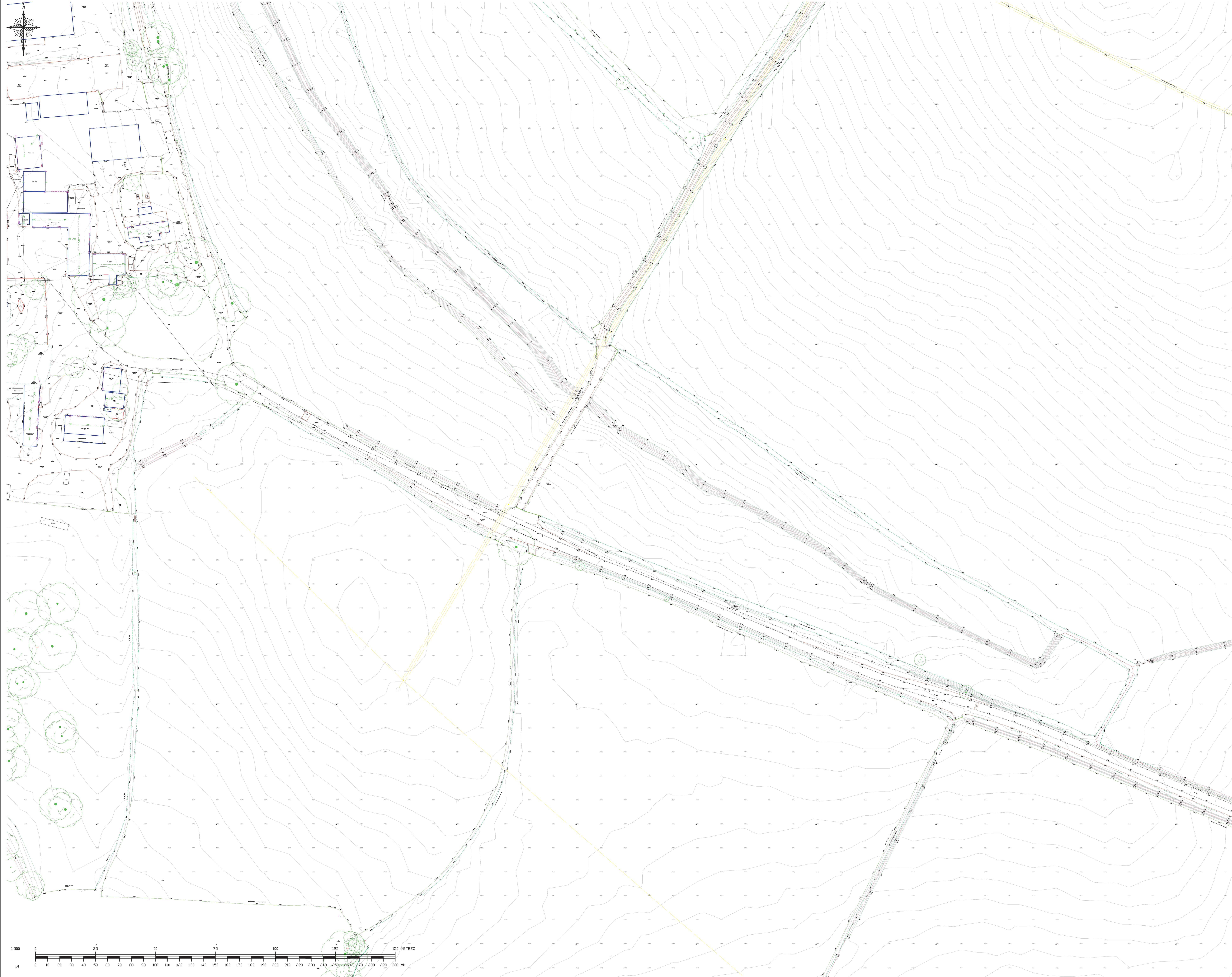
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date
05 MAY 2014 | cad file IR.SAV.1.21.DWG

title
DETAILED TOPOGRAPHICAL
SURVEY

drawing number
IR.SAV.1.21.6

rev.
E



- Notes
- The survey was carried out during March/April 2014, using Leica TPS and Viva 5 second instruments and Viva GPS.
 - North relates to OS Grid North.
 - All co-ordinates relate to OS GB36 Datum at Stn MI. The rest of the site is orientated to OS Grid North but has been surveyed on a flat grid with no scale Factor (G). All heights relate to OSGB 36 datum and have been computed using the OS (NGS) Grid Model.
- LEGEND
- ▲ Survey Station
 - IC - Inspection Cover
 - CA - Cable TV Cover
 - FH - Fire Hydrant
 - SV - Stop Valve
 - GV - Gas Valve
 - PB - Post Box
 - TB - Call box
 - TC - TCSU Cover
 - PT - Parking Ticket Machine
 - ER - Earthing Rod
 - TB - Traffic Bollard
 - Litter Bin
 - Gully
 - △ MH - Manhole Triangular
 - MH - Manhole Circular
 - PB - Post Box
 - Gate Post
 - TP - Telephone Pole
 - EP - Electricity Pole
 - RS - Road Sign (See Schedule)
 - TL - Traffic Light
 - B - Bollard
 - FP - Flag Pole
 - LP - Lamp Post
 - C - Camera
 - G - Gate
 - T - Tree (Coniferous - girth and spread to scale)
 - D - Tree (Deciduous - girth and spread to scale)
 - T - Tree (Dead/diseased - girth and spread to scale)
 - + Spot Level
 - + Tree Height
 - + Top of Wall Height
 - + Apex Height
 - + Eave Height
 - Kerb
 - Drop Kerb
 - Road Edge (no kerb)
 - Track Edge
 - Change of Surface
 - Road Centre Line
 - Double Yellow Lines
 - Wall
 - Fence
 - Edge of Hedge
 - Vegetation Edge
 - Iron Railings
 - Building
 - Apex Line
 - Eave Line
 - Parking Bay
 - Overhead Power Cable
 - Open Channel
 - Top of Bank
 - Bottom of Bank
 - Major Contour Interval - 10m
 - Minor Contour Interval - 0.2m

CO-ORDINATE TABLE			
Reference	East	North	Elevation
F1	448871.230	117304.158	26.807
F3	448991.481	117297.533	26.890
F4	449155.520	117297.176	27.935
F6	449283.210	117268.823	30.369
F7	449358.794	117268.195	31.599
M1	448765.911	116382.725	31.384
M2	448947.196	116455.987	31.211
M3	449201.225	116401.087	23.227
Stn C1	448867.574	116301.014	26.983
Stn C2	448812.042	116283.730	24.516

CO-ORDINATE TABLE			
Reference	East	North	Elevation
X1	448999.731	117314.913	26.216
X2	448618.784	117382.827	22.764
X3	448972.033	117474.320	19.863
X4	448543.136	117488.768	19.230
X5	448450.708	117325.540	17.845
X6	448379.636	117325.546	16.815
X7	448314.210	117597.301	15.142

E	Additional tree information at Roe Lodge and Cholcroft Business Park	23 May 15
D	Sub surface pipe line added (Bubble Lane)	10 Feb 15
C	Tree Fern added	17 Jun 15
B	Additional survey areas added	31 Oct 14
A	Window and door cuts added	27 Aug 14

rev.	amendment	date
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client
SAVILLS LIMITED

project
HORTON HEATH
HAMPSHIRE

scale
1:500@A0
drawn by
ML / RPW
checked by
RPW

date
05 MAY 2014
cad file
IR_SAV.1.21.DWG

title
DETAILED TOPOGRAPHICAL
SURVEY

drawing number
IR.SAV.1.21.7
rev.
E



Notes

1. The survey was carried out during March/April 2014, using Leica TPS and Viva 5 second instruments and Viva GPS.

2. North relates to OS Grid North.

3. All co-ordinates relate to OS GB36 Datum at Stn MI. The rest of the site is orientated to OS Grid North but has been surveyed on a flat grid with no scale factor (1:1). All heights relate to OSGB 36 datum and have been computed using the OS (NGVD) Grid model.

LEGEND

▲

Survey Station

□

IC - Inspection Cover

□

CA - Cable TV Cover

□

PH - Fire Hydrant

□

SV - Stop Valve

□

GV - Gas Valve

□

PB - Post Box

□

TGB - Call box

□

TC - TCSU Cover

□

PT - Parking Ticket Machine

□

ER - Earthing Rod

□

TS - Traffic Bollard

□

Litter Bin

■

Gully

△

MH - Manhole Triangular

○

MHC - Manhole Circular

○

PB - Post Box

●

Gate Post

●

Telephone Pole

●

Electricity Pole

●

Road Sign (See Schedule)

●

Traffic Light

●

Bollard

●

Flag Pole

●

Lamp Post

●

Cones

●

Gate

●

Tree (Coniferous - girth and spread to scale)

●

Tree (Deciduous - girth and spread to scale)

●

Tree (Dead/diseased - girth and spread to scale)

+

Spot Level

+

Tree Level

+

Top of Wall Height

+

Apex Height

+

Leve Height

—

Kerb

Drop Kerb

Road Edge (no Kerb)

Track Edge

Change of Surface

Road Centre Line

Double Yellow Lines

Wall

Fence

Edge of Hedge

Vegetation Edge

Iron Railings

Building

Apex Line

Eave Line

Parking Bay

Overhead Power Cable

Open Channel

Top of Bank

Bottom of Bank

Major Contour Interval - 10m

Minor Contour Interval - 0.2m

CO-ORDINATE TABLE

Reference	East	North	Elevation
F1	448871.230	117304.158	26.807
F3	448991.481	117297.533	26.890
F4	449155.220	117287.176	27.932
F6	449283.210	117268.823	30.369
F7	449384.774	117268.195	31.359
M1	448765.911	116383.725	31.384
M2	448947.196	116455.987	31.211
M3	449201.225	116401.087	23.227
Stn C1	448867.574	116001.014	26.983
Stn C2	448812.042	116823.730	24.536

CO-ORDINATE TABLE

Reference	East	North	Elevation
X1	448999.731	117314.933	26.236
X2	448618.784	117382.827	22.764
X3	448933.933	117413.231	19.863
X4	448543.136	117488.768	19.230
X5	448450.708	117259.540	17.845
X6	448379.636	117235.546	16.815
X7	448314.210	117597.301	15.142

E	Additional tree information at Roe Lodge and Cholcroft Business Park	23 May 15
D	Sub surface pipe line added (Bubble Lane)	10 Feb 15
C	Fyr Tree Farm added	17 Jun 15
B	Additional survey ones added	31 Oct 14
A	Window and door cuts added	27 Aug 14

rev.	amendment	date
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m3

mayer brown

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Client

SAVILLS LIMITED

Project

HORTON HEATH
HAMPSHIRE

Scale

1:500@A0

drawn by

ML / RPW

checked by

RPW

date

05 MAY 2014

cad file

IR_SAV.1.21.DWG

title

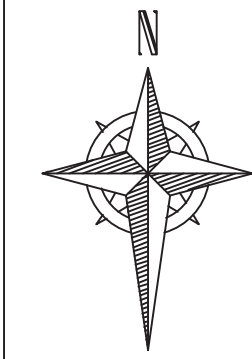
DETAILED TOPOGRAPHICAL
SURVEY

drawing number

IR.SAV.1.21.8

rev.

E



East	North	Elevation
4488971.230	117304158	26.807
4489991.481	117297533	26.890
4491051.220	117297176	27.932
4492831.210	117268823	30.369
4493841.794	117268195	31.359
4497691.911	116380375	31.394
4489471.196	116455387	31.211
449291.220	116401087	23.227
448867.574	116001014	26.983
448812.042	116023730	24.516

Notes

1. The survey was carried out during March/April 2014, using Leica TPS and Viva 5 second instruments and Viva GPS.

2. North relates to OS Grid North.

3. All co-ordinates relate to OS GB36 Datum at Stn ML. The rest of the site is orientated to OS Grid North, but has been surveyed on a flat grid with no scale factor (G). All heights relate to OSGB 36 datum and have been computed using the OS (NGS) Grid model.

LEGEND

▲

Survey Station

□

IC - Inspection Cover

□

CA - Cable TV Cover

□

FH - Fire Hydrant

□

SV - Stop Valve

□

GV - Gas Valve

□

PB - Post Box

□

TB - Call box

□

TC - TCSU Cover

□

PT - Parking Ticket Machine

□

ER - Earthing Rod

□

TS - Traffic Bollard

□

Litter Bin

■

Gully

△

MH - Manhole Triangular

○

MHC - Manhole Circular

○

PB - Post Box

●

Gate Post

●

TP - Telephone Pole

●

EP - Electricity Pole

●

RS - Road Sign (See Schedule)

●

TL - Traffic Light

●

B - Bollard

●

FP - Flag Pole

●

LP - Lamp Post

●

C - Camera

●

G - Gate

●

Tree (Coniferous - girth and spread to scale)

●

Tree (Deciduous - girth and spread to scale)

●

Tree (Dead/diseased - girth and spread to scale)

+

Spot Level

+

Tree Height

+

Top of Wall Height

+

Apex Height

+

Leve Height

—

Kerb

Drop Kerb

Road Edge (no kerb)

Track Edge

Change of Surface

Road Centre Line

Double Yellow Lines

Wall

Fence

Edge of Hedge

Vegetation Edge

Iron Railings

Building

Apex Line

Eave Line

Parking Bay

Overhead Power Cable

Open Channel

Top of Bank

Bottom of Bank

Major Contour Interval - 10m

Minor Contour Interval - 0.2m

CO-ORDINATE TABLE

Reference	East	North	Elevation
F1	4488971.230	117304158	26.807
F3	4489991.481	117297533	26.890
F4	4491051.220	117297176	27.932
F6	4492831.210	117268823	30.369
F7	4493841.794	117268195	31.359
M1	4497691.911	116380375	31.394
M2	4489471.196	116455387	31.211
M3	449291.220	116401087	23.227
Stn C1	448867.574	116001014	26.983
Stn C2	448812.042	116023730	24.516

CO-ORDINATE TABLE

Reference	East	North	Elevation
X1	4489991.731	117314193	26.216
X2	448618.784	117382827	22.764
X3	448932.933	117418231	19.863
X4	448543.136	117488769	19.230
X5	448450.708	117529540	17.845
X6	448379.636	117535546	16.815
X7	448314.210	117597301	15.142

E

Additional tree information at Roe Lodge and Cholcroft Business Park

23 May 15

D

Sub surface pipe line added (Bubble Lane)

10 Feb 15

C

Fyr Tree Farm added

17 Jun 15

B

Additional survey areas added

31 Oct 14

A

Window and door cuts added

27 Aug 14

rev.

amendment

date

m3

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client

SAVILLS LIMITED

project

HORTON HEATH
HAMPSHIRE

scale

1:500@A0

drawn by

ML / RPW

checked by

RPW

date

05 MAY 2014

cad file

IR.SAV.1.21.DWG

title

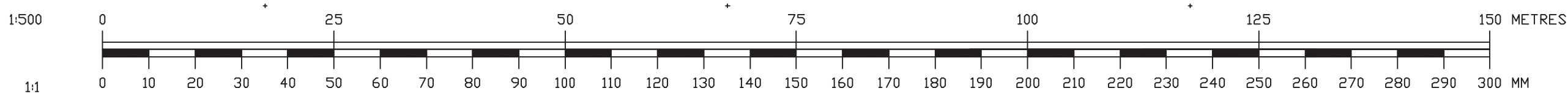
DETAILED TOPOGRAPHICAL
SURVEY

drawing number

IR.SAV.1.21.9

rev.

E



1. The survey was carried out during March/April 2014, using Leica TPS and Viva 5 second instruments and Viva GPS.
2. North relates to OS Grid North.
3. All co-ordinates relate to OS GB36 Datum at Stn M1. The rest of the site is orientated to OS Grid North but has been surveyed on a flat grid with no scale factor (1:1). All heights relate to OSGB 36 datum and have been computed using the OSTN02 Geoid model.

- ▲ Survey Station
- IC - Inspection Cover
- C - Cable TV Cover
- FM - Fire Hydrant
- SV - Stop Valve
- GV - Gas Valve
- PB - Post Box
- TGB - Gas box
- TC - TCSU Cover
- PT - Parking Ticket Machine
- ER - Earthing Rod
- FB - Traffic Bollard
- Litter Bin
- Gully
- ▷ MH - Manhole Triangular
- MH - Manhole Circular
- PB - Post Box
- Gate Post
- Telephone Pole
- Electricity Pole
- Road Sign (See Schedule)
- Traffic Light
- Bollard
- Flag Pole
- Lamp Post
- Canopy
- Gate
- Tree (Coniferous - girth and spread to scale)
- Tree (Deciduous - girth and spread to scale)
- Tree (Dead/diseased - girth and spread to scale)
- + Spot Level
- + Tree Height
- + Top of Wall Height
- + Apex Height
- + Eave Height

- Kerb
- - - - - Drop Kerb
- - - - - Road Edge (no kerb)
- Track Edge
- Change of Surface
- Road Centre Line
- Double Yellow Lines

 Wall
 Fence
 Edge of Hedge
 Vegetation Edge
 Iron Railings

 Building
 Apex Line
 Eave Line
 Parking Bay

Overhead Power Cable
 Open Channel
 Top of Bank
 Bottom of Bank
 Major Contour Interval = 1.0m
 Minor Contour Interval = 0.2m

Reference	East	North	Elevation
F1	448871.230	117304.158	26.807
F3	448991.481	117297.593	26.890
F4	449155.220	117287.176	27.932
F6	449283.210	117268.823	30.369
F7	449364.754	117268.195	31.359
W1	448785.911	116520.575	21.324
W2	448947.196	116455.587	21.21
W3	449091.235	116401.087	23.227
Stn C1	448867.542	116001.014	26.983
Stn C2	448862.074	116023.730	24.516

Reference	East	North	Elevation
X1	448799.731	117314.913	26.216
X2	448618.784	117382.827	22.764
X3	448572.703	117470.551	19.863
X4	448543.136	117488.768	19.230
X5	448450.708	117529.540	17.845
X6	448379.636	117576.546	16.815
X7	448314.210	117597.301	15.142

E	Additional tree information at Roe Lodge and Chalcraft Business Park	25 May 1
D	Sub surface pipe line added (Bulb Lane)	10 Feb 15
C	Fir Tree Farm added	07 Jan 15
B	Additional survey area added	31 Oct 14
A	Window and door cuts added	27 Aug 14

rev.	amendment	date
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client

project

HORTON HEATH
HAMPSHIRE

scale 1:500@A0 | drawn by ML / RPW | checked by RPW

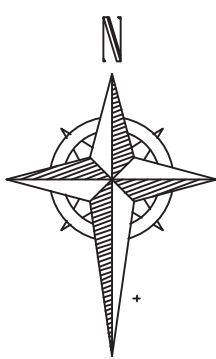
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title

DETAILED TOPOGRAPHICAL
SURVEY

drawing number
IR.SAV.1.21.10

rev.



- Notes
1. The survey was carried out during March/April 2014, using Leica TPS and Viva 5 second instruments and Viva GPS.
 2. North relates to OS Grid North.
 3. All co-ordinates relate to OS GB36 Datum at 5m ML. The rest of the site is orientated to OS Grid North. But the trees were surveyed on a flat grid with no scale factor (1:1). All heights relate to OSGB 36 datum and have been computed using the OSTN02 Geoid model.
- LEGEND
- ▲ Survey Station
- ☐ IC – Inspection Cover
- ☐ CA – Cable TV Cover
- ☐ FH – Fire Hydrant
- ☐ SV – Stop Valve
- ☐ GV – Gas Valve
- ☐ PB – Post Box
- ☐ TB – Call box
- ☐ TC – TCSU Cover
- ☐ PT – Parking Ticket Machine
- ☐ ER – Earthing Rod
- ☐ TB – Traffic Bollard
- ☐ Litter Bin
- ☐ Gully
- ▷ MH – Manhole Triangular
- MHC – Manhole Circular
- PB – Post Box
- ✦ Gate Post
- ✦ TP Telephone Pole
- ✦ EP Electricity Pole
- ✦ RS Road Sign (See Schedule)
- ✦ TL Traffic Light
- ✦ BB Bollard
- ✦ FP Flag Pole
- ✦ LP Lamp Post
- ✦ C Camera
- Gate
- Tree (Coniferous – girth and spread to scale)
- Tree (Deciduous – girth and spread to scale)
- Tree (Dead/diseased – girth and spread to scale)
- Spot Level
- + Tree Height
- + Top of Wall Height
- + Apex Height
- + Eave Height
- Kerb
- - - Drop Kerb
- - - Road Edge (no kerb)
- - - Track Edge
- - - Change of Surface
- - - Road Centre Line
- - - Double Yellow Lines
- Wall
- Fence
- - - Edge of Vegetation
- - - Hedgerow Edge
- Iron Rollings
- Building
- - - Apex Line
- - - Eave Line
- - - Parking Bay
- Overhead Power Cable
- - - Open Channel
- - - Top of Bank
- - - Bottom of Bank
- - - 10m
- - - Minor Contour Interval – 0.2m

CD-ORDINATE TABLE			
Reference	East	North	Elevation
T1	445891.27	117204.15	26.817
T2	445891.48	117297.53	26.994
T3	445918.02	117281.76	27.932
T4	445916.16	117348.11	28.154
T5	445936.74	117266.19	31.359
T6	445916.16	116500.21	26.444
M2	445947.196	116455.887	21.811
Stn CP	445891.25	116408.07	24.657
Stn E1	445891.46	116301.04	26.893
Stn E2	445891.042	116623.730	28.626

CD-ORDINATE TABLE			
Reference	East	North	Elevation
445891.27	117341.03	26.216	
VE	445816.784	117382.827	25.764
VE	445816.784	117473.931	26.485
VE	445843.136	117488.768	19.230
X5	445840.708	117529.546	17.845
X6	445837.636	117579.636	18.481
X7	445843.010	117597.301	15.142

E	Additional tree information at Roe Lodge and Chalcroft Business Park	25 May 14
D	Sub surface pipe line added (Bubb Lane)	10 Feb 15
C	Fin Tree Form added	07 Jan 15
B	Additional survey area added	31 Oct 14
A	Window and door cuts added	27 Aug 14

rev.	amendment	date
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SAVILLS LIMITED

project

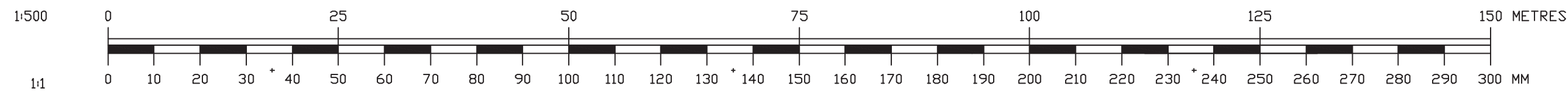
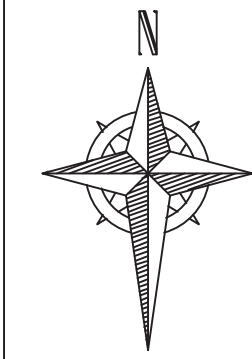
HORTON HEATH
HAMPSHIRE

scale	1:500@A0	drawn by ML / RPW	checked by RPW
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date	05 MAY 2014	cas file	IR.SAV.1.21.DWG
title			

DETAILED TOPOGRAPHICAL
SURVEY

drawing number	rev.
IR.SAV.1.21.11	E



- Notes
- The survey was carried out during March/April 2014, using Leica TPS and Viva 5 second instruments and Viva GPS.
 - North relates to OS Grid North.
 - All co-ordinates relate to OS GB36 Datum at Stn ML. The rest of the site is orientated to OS Grid North but has been surveyed on a flat grid with no scale factor (SD). All heights relate to OSGB 36 datum and have been computed using the OS (NGS) Grid model.

LEGEND

- ▲ Survey Station
- IC - Inspection Cover
- CA - Cable TV Cover
- FH - Fire Hydrant
- SV - Stop Valve
- GV - Gas Valve
- PB - Post Box
- TGB - Gull box
- TC - TCSU Cover
- PT - Parking Ticket Machine
- ER - Earthing Rod
- TS - Traffic Island
- Litter Bin
- Gully
- △ MH - Manhole Triangular
- MHC - Manhole Circular
- PB - Post Box
- Gate Post
- TP - Telephone Pole
- EP - Electricity Pole
- RS - Road Sign (See Schedule)
- TL - Traffic Light
- B - Bollard
- FP - Flag Pole
- LP - Lamp Post
- C - Camera
- G - Gate
- T - Tree (Coniferous - girth and spread to scale)
- D - Tree (Deciduous - girth and spread to scale)
- T - Tree (Dead/diseased - girth and spread to scale)
- S - Spot Level
- T - Tree Height
- T - Top of Wall Height
- A - Apex Height
- L - Eave Height
- Kerb
- Drop Kerb
- Road Edge (no kerb)
- Track Edge
- Change of Surface
- Road Centre Line
- Double Yellow Lines
- Wall
- Fence
- Edge of Hedge
- Vegetation Edge
- Iron Railings
- Building
- Apex Line
- Eave Line
- Parking Bay
- Overhead Power Cable
- Open Channel
- Top of Bank
- Bottom of Bank
- Major Contour Interval - 10m
- Minor Contour Interval - 0.2m

CO-ORDINATE TABLE			
Reference	East	North	Elevation
F1	448971.230	117304.158	26.807
F3	448991.481	117297.533	26.890
F4	449155.250	117297.176	27.935
F6	449283.210	117268.823	30.369
F7	449364.794	117248.195	31.259
M1	448769.961	116382.375	31.384
M2	448947.196	116455.987	31.211
M3	449291.225	116481.087	23.827
Stn C1	448867.574	116001.014	26.983
Stn C2	448812.042	116023.730	24.516

CO-ORDINATE TABLE			
Reference	East	North	Elevation
X1	448999.731	117314.913	26.216
X2	448618.784	117382.827	22.764
X3	448972.913	117418.351	19.863
X4	448543.136	117488.769	19.230
X5	448450.708	117529.545	17.845
X6	448379.636	117576.546	16.811
X7	448314.210	117597.301	15.142

E	Additional tree information at Roe Lodge and Chalcroft Business Park	23 May 15
D	Sub surface pipe line added (Bubble Lane)	10 Feb 15
C	Fyr Tree Form added	17 Jun 15
B	Additional survey ones added	31 Oct 14
A	Window and door cuts added	27 Aug 14

rev.	amendment	date
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client
SAVILLS LIMITED

project
HORTON HEATH
HAMPSHIRE

scale
1:500@A0
drawn by
ML / RPW
checked by
RPW

date
05 MAY 2014
cad file
IR.SAV.1.21.DWG

title
DETAILED TOPOGRAPHICAL
SURVEY

drawing number
IR.SAV.1.21.12
rev.
E