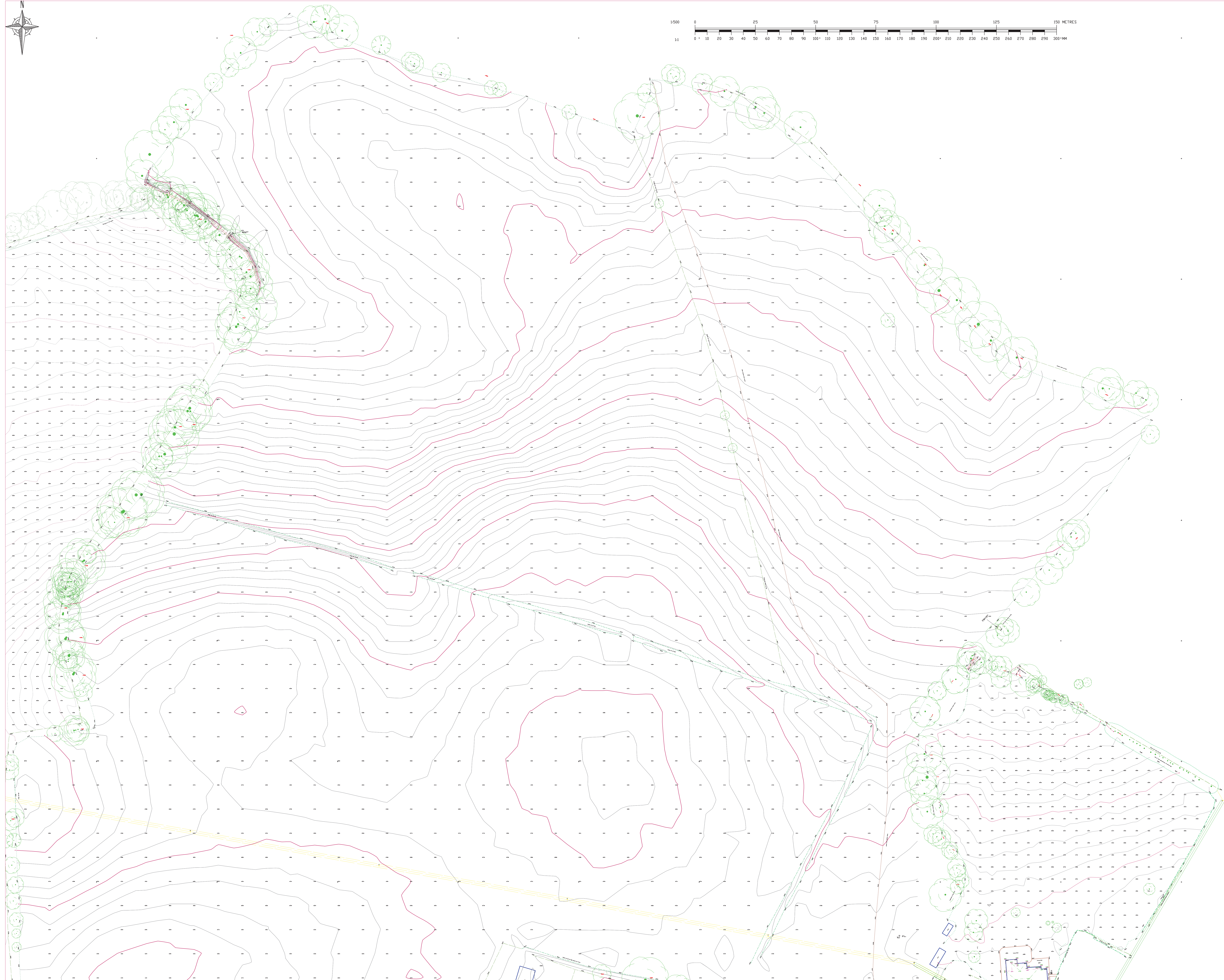




- Notes
- The survey was carried out during March/April 2014, using Leica TPS and Viva 5 second instruments and Viva GPS.
 - North relates to OS Grid North.
 - All co-ordinates relate to OS GB36 Datum at Stn MI. The rest of the site is orientated to OS Grid North but has been surveyed on a flat grid 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
 - 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)
 - T - Tree (Dead/diseased - girth and spread to scale)
 - + - Spot Level
 - + - Tree Height
 - + - Top of Wall Height
 - + - Apex Height
 - + - Eave Height
- Line Legend
- 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	117287.176	27.932
P6	449283.210	117268.823	30.369
P7	449364.794	117268.195	31.359
M1	448769.761	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	117488.768	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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m3
mayer brown

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client
SAVILLS LIMITED

project
HORTON HEATH
HAMPSHIRE

scale
1:500@A0

date
05 MAY 2014

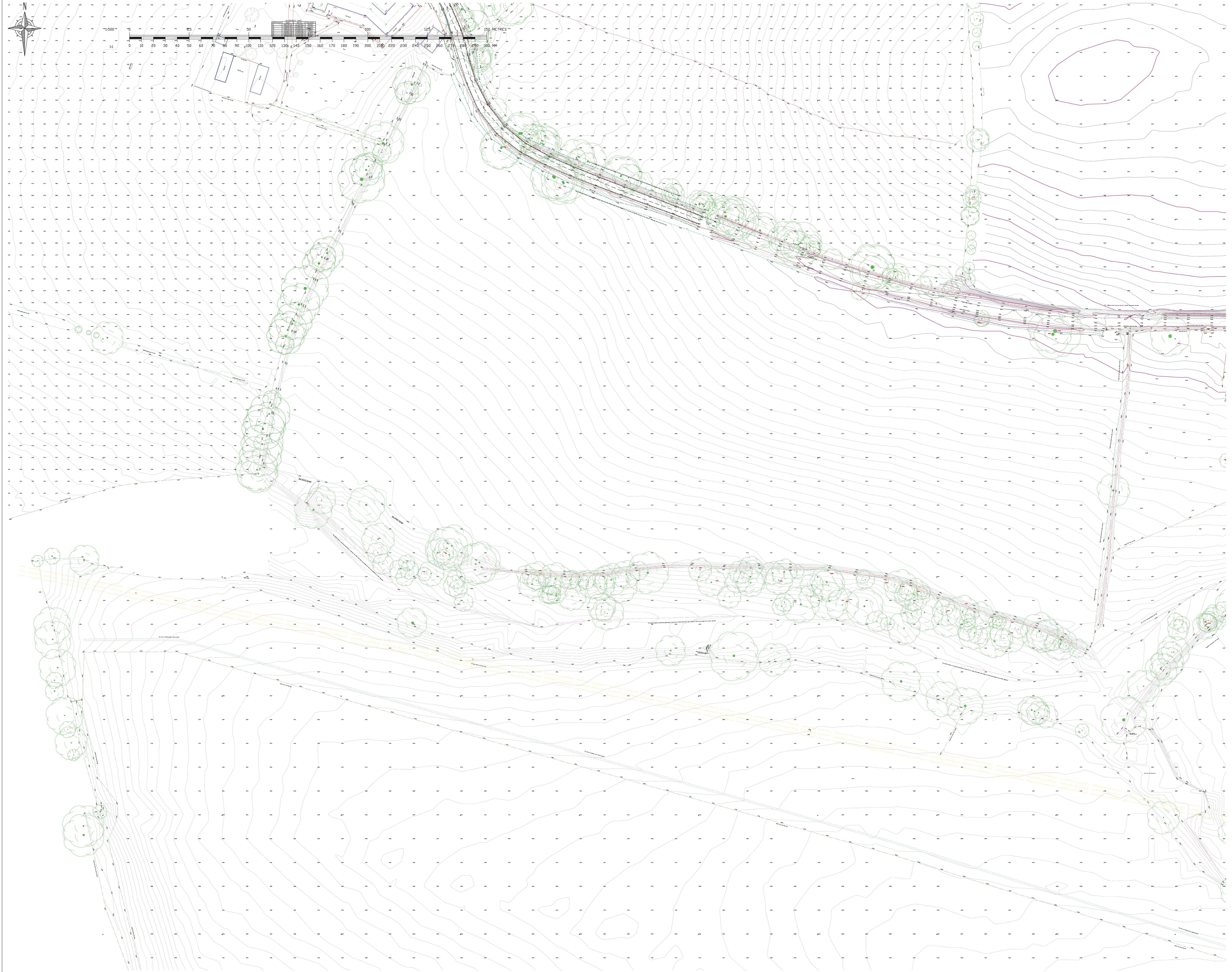
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DETAILED TOPOGRAPHICAL
SURVEY

drawing number
IR.SAV.1.21.1

checked by
ML / RPW

cad file
IR.SAV.1.21.DWG

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 M1. The first of the site is orientated to OS Grid North but has been surveyed on a flat grid with no scale factor (G3). All heights relate to OSAD 26 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 - 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
- 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)
- + - 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	449155.250	117287.176	27.932
F6	449283.210	117268.823	30.369
F7	449364.794	117268.195	31.359
M1	448785.911	116380.375	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	448812.642	116823.730	24.516

CO-ORDINATE TABLE			
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

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	For Tree Farm 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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client
SAVILLS LIMITED

project
**HORTON HEATH
HAMPSHIRE**

scale
1:500@AO

date
05 MAY 2014

title
**DETAILED TOPOGRAPHICAL
SURVEY**

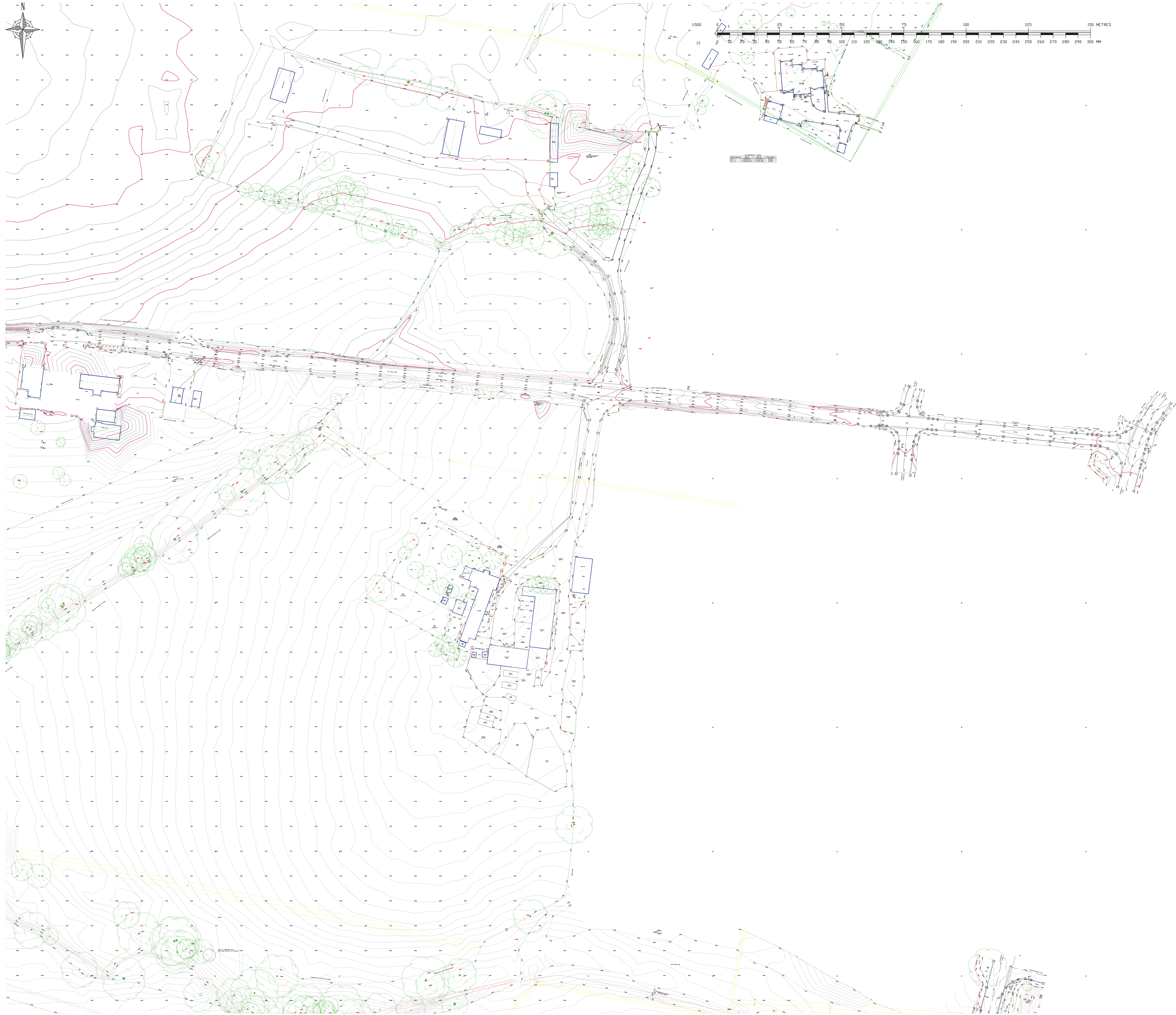
drawn by
ML / RPW

checked by
RPW

cad file
IR_SAV.1.21.DWG

drawing number
IR.SAV.1.21.2

rev.
E



- Notes
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- LEGEND
- ▲ Survey Station
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 - Gully
 - △ MH - Manhole Triangular
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 - C - Camera
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 - T - Tree (Coniferous - girth and spread to scale)
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 - S - Spot Level
 - T - 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

CO-ORDINATE TABLE			
Reference	East	North	Elevation
F1	448891.230	117304.158	26.807
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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
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X6	448379.636	117576.546	16.815
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	F7: Tree Form 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

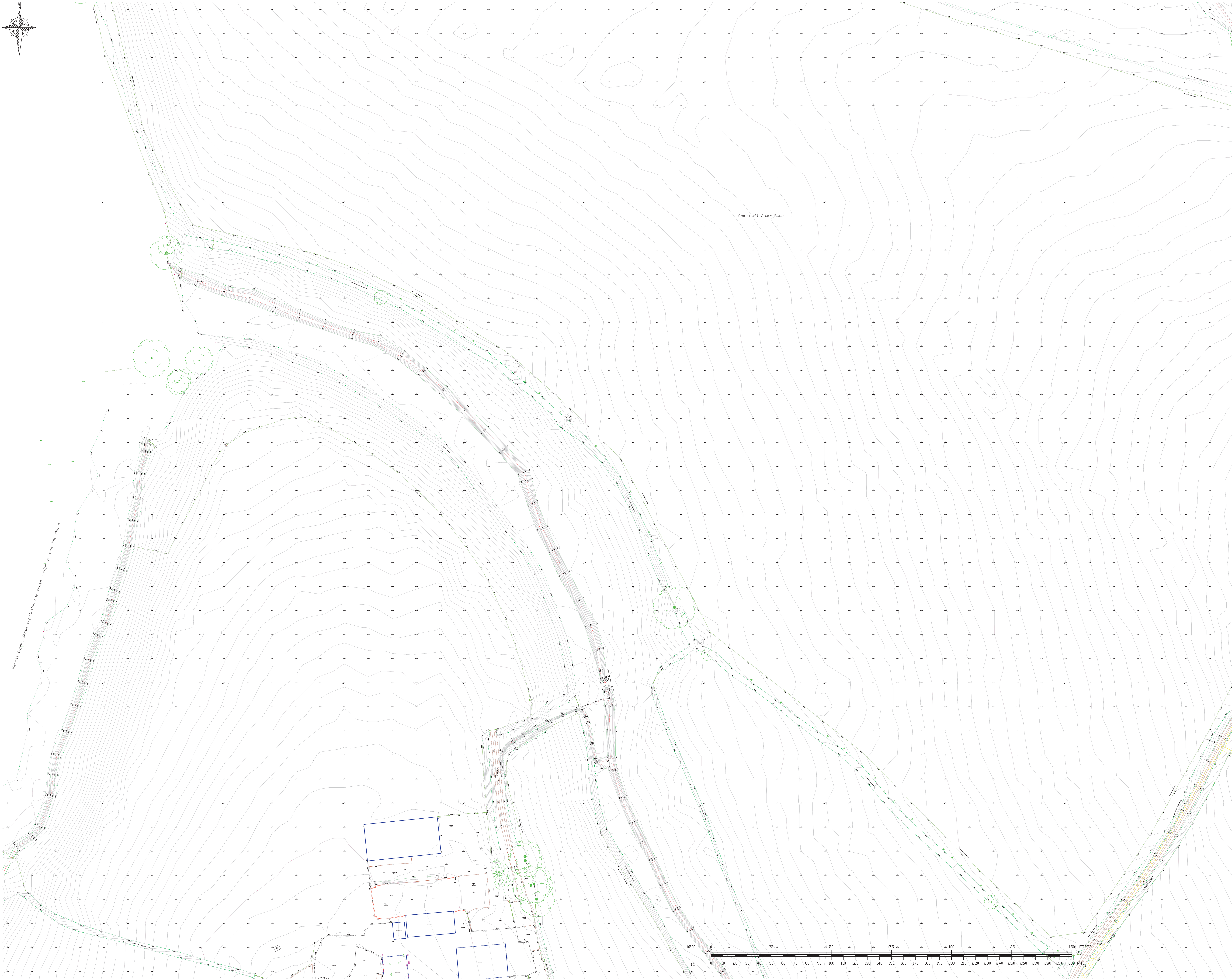
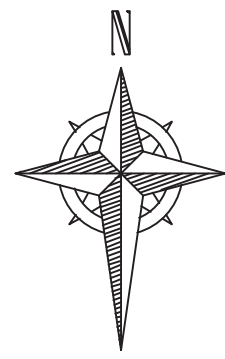
scale
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date
05 MAY 2014 cad file IR.SAV.1.21.DWG

title
DETAILED TOPOGRAPHICAL
SURVEY

drawing number
IR.SAV.1.21.3

rev.
E



Notes

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LEGEND

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- △ MH - Manhole Triangular
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- + - 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	448971.230	117304.158	26.807
F3	448991.481	117297.533	26.890
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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

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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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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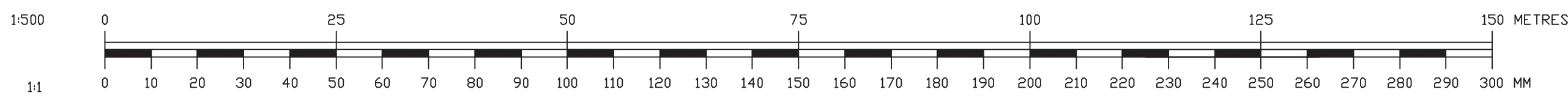
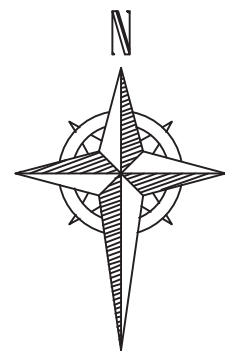
client
SAVILLS LIMITED

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.1.21.4	rev.	E
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- 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.
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 - △ MH - Manhole Triangular
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 - T - Apex Height
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- Kerb
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- Eave Line
- Parking Bay
- Overhead Power Cable
- Open Channel
- Top of Bank
- Bottom of Bank
- Major Contour Interval - 10m
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CO-ORDINATE TABLE			
Reference	East	North	Elevation
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F7	449384.774	117268.195	31.359
M1	448765.911	116380.375	31.384
M2	448947.196	116455.987	31.211
M3	449021.225	116401.087	23.227
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	448912.933	117471.231	19.863
X4	448543.136	117488.769	19.230
X5	448450.108	117529.540	17.845
X6	448379.636	117535.546	16.815
X7	448314.810	117597.301	15.142

E	Additional tree information at Roe Lodge and Chalcraft Business Park	23 May 15
D	Sub surface pipe line added (Bubble Lane)	10 Feb 15
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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

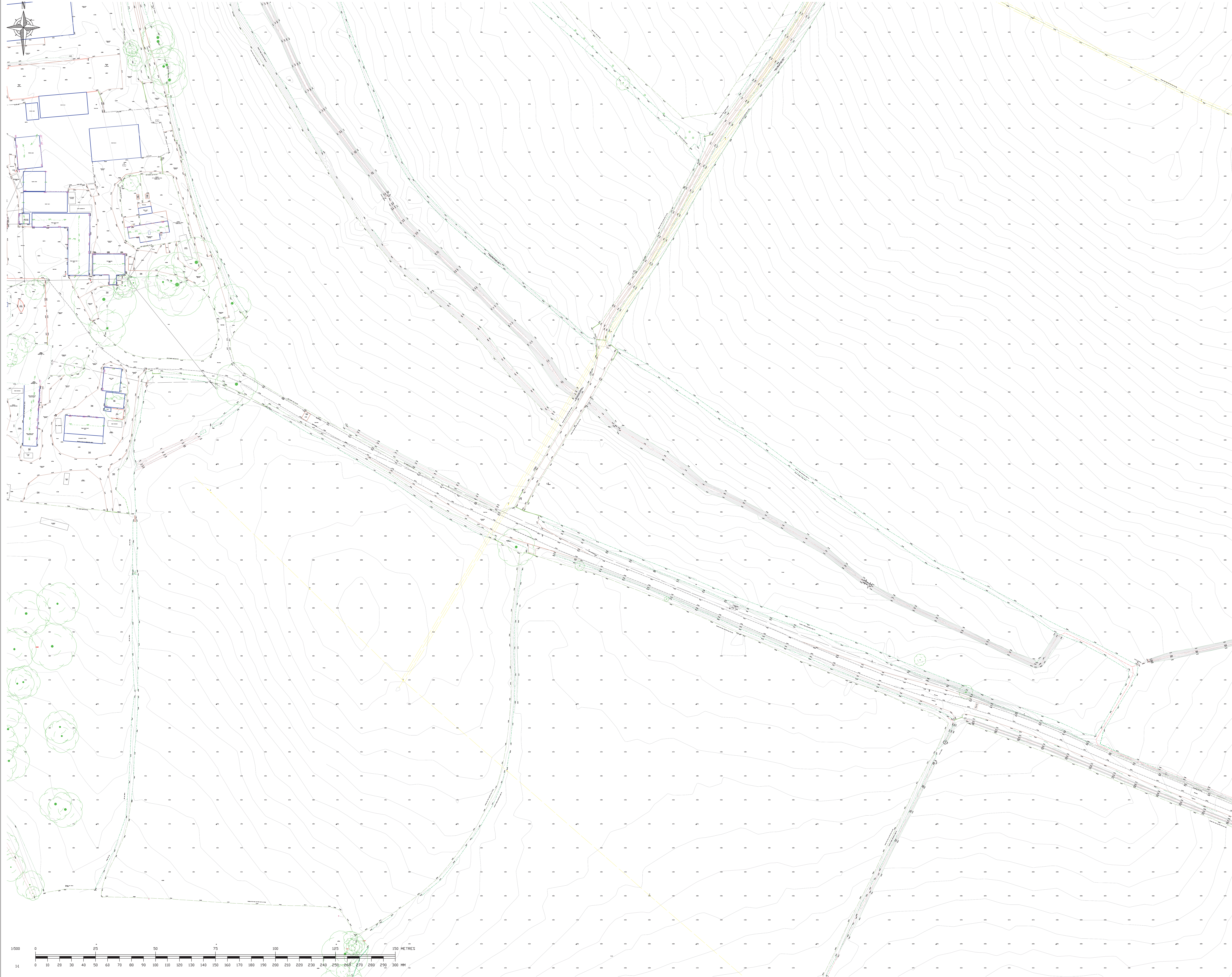
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date
05 MAY 2014 cad file IR.SAV.1.21.DWG

title
DETAILED TOPOGRAPHICAL
SURVEY

drawing number
IR.SAV.1.21.6

rev.
E



Notes

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

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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

□

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

●

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

+

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

CO-ORDINATE TABLE			
Reference	East	North	Elevation
F1	448871.230	117304.158	26.807
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CO-ORDINATE TABLE			
Reference	East	North	Elevation
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rev.	amendment	date
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client

SAVILLS LIMITED

project

HORTON HEATH
HAMPSHIRE

scale

1:500@A0

drawn by

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date

05 MAY 2014

cad file

IR_SAV.1.21.DWG

title

DETAILED TOPOGRAPHICAL
SURVEY

drawing number

IR.SAV.1.21.7

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	116380.375	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	448799.731	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	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 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

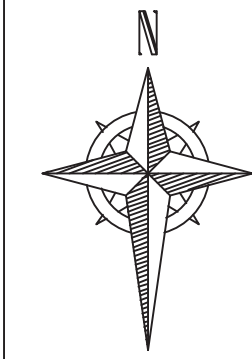
DETAILED TOPOGRAPHICAL
SURVEY

drawing number

IR.SAV.1.21.8

rev.

E



Point	East	North	Elevation
1	448897.230	117304.158	26.807
2	448991.481	117297.533	26.890
3	449155.250	117287.176	27.935
4	449283.210	117268.823	30.369
5	449384.794	117268.195	31.359
6	449765.911	116380.375	31.384
7	449747.196	116455.987	31.211
8	449291.225	116401.087	23.227
9	448867.574	116001.014	26.983
10	448812.042	116023.730	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 M1. 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 OSN03 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	448897.230	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	449384.794	117268.195	31.359
M1	449765.911	116380.375	31.384
M2	449747.196	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

CO-ORDINATE TABLE

Reference	East	North	Elevation
X1	448999.731	117314.933	26.216
X2	448618.784	117382.827	22.764
X3	448932.933	117412.320	19.863
X4	448543.136	117488.769	19.230
X5	448450.708	117529.540	17.845
X6	448379.636	117575.546	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 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

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

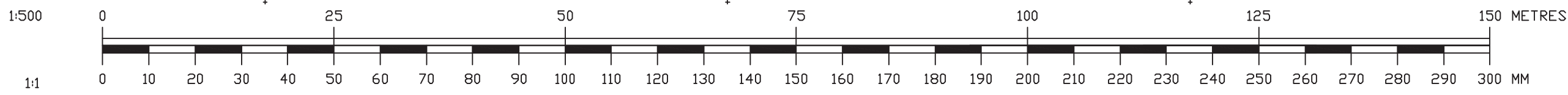
DETAILED TOPOGRAPHICAL
SURVEY

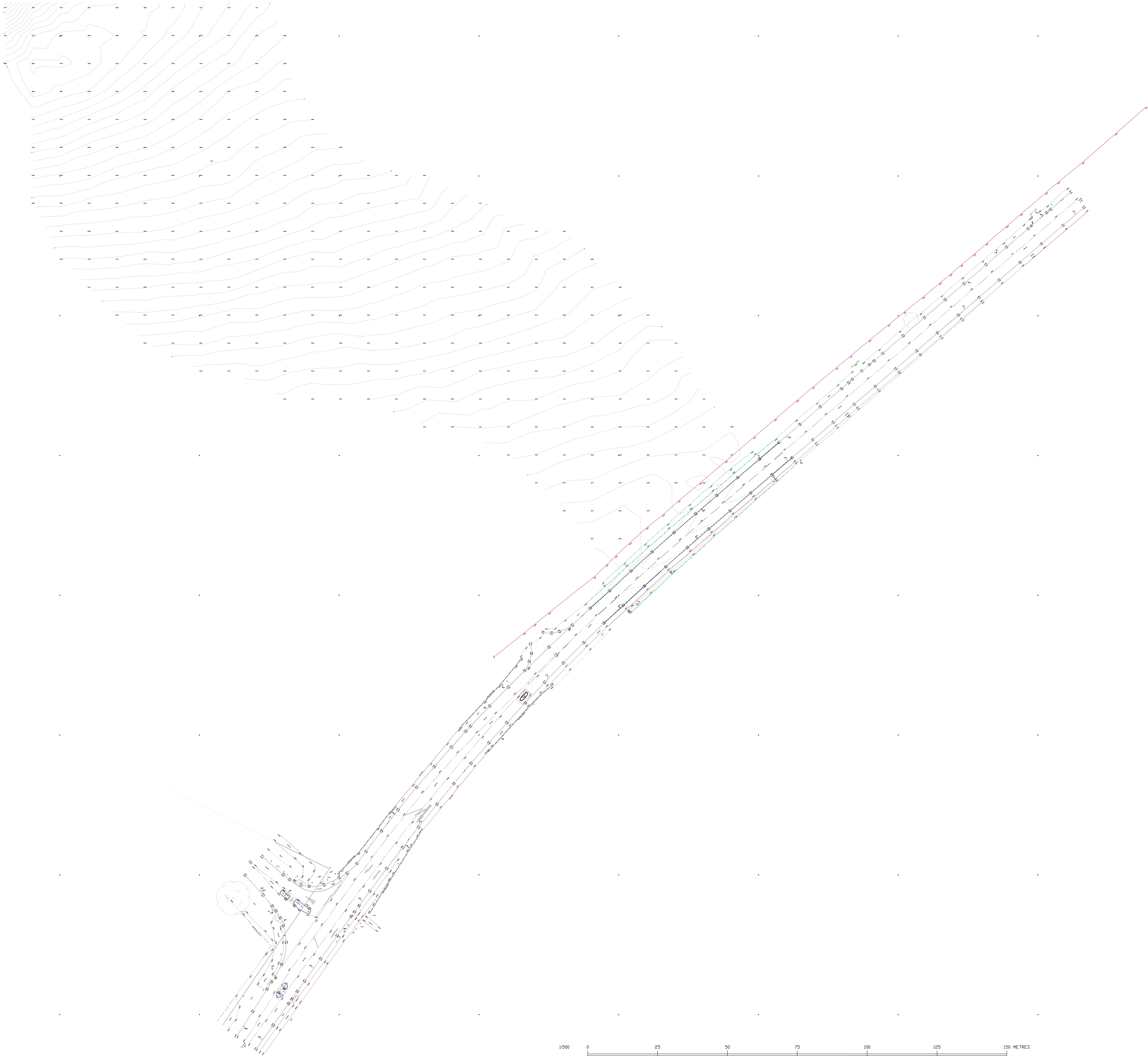
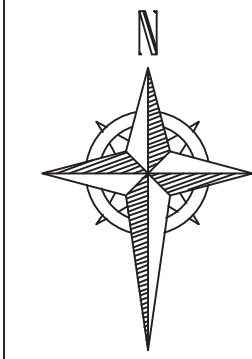
drawing number

IR.SAV.1.21.9

rev.

E





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). All heights relate to OSGB 36 datum and have been computed using the OS INGEN 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 - 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

●

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 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	4488971.230	117304158	26.807
P3	4489991.481	117297533	26.890
P4	4491050.220	117297176	27.932
P6	449283.210	117268.823	30.369
P7	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	116201.014	26.983
Stn C2	448812.042	116233.730	24.516

CO-ORDINATE TABLE			
Reference	East	North	Elevation
X1	448799.731	117314.913	26.216
X2	448618.784	117382.827	22.764
X3	448932.933	117474.331	19.863
X4	448543.136	117488.769	19.230
X5	448450.708	117529.540	17.845
X6	448379.636	117535.546	16.815
X7	448314.210	117597.301	15.142

E	Additional tree information at Roe Lodge and Chalcraft Business Park	23 May 15
D	Sub surface pipe line added (Bubble Lane)	10 Feb 15
C	Fy Tree Farm 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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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

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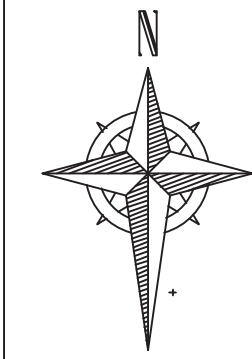
DETAILED TOPOGRAPHICAL
SURVEY

drawing number

IR.SAV.1.21.10

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 3rd MI. The rest of the site is orientated to OS Grid North but has been surveyed on a flat grid with no scale factor (G13). All heights relate to OSGB 36 datum and have been computed using the OS INGENUO 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
- 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)
- 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	448999.481	117297.533	26.890
F4	449155.520	117287.176	27.935
F6	449281.810	117268.823	30.359
F7	449364.794	117268.195	31.259
M1	449189.761	116503.375	31.304
M2	448947.196	116455.987	31.211
M3	449201.825	116401.087	23.827
Stn CI	448867.574	116001.014	26.983
Stn CE	448812.042	116823.730	24.516

CO-ORDINATE TABLE			
Reference	East	North	Elevation
X1	448999.731	117314.913	26.216
X2	448618.784	117382.827	22.764
X3	448912.793	117418.351	19.863
X4	448543.136	117488.768	19.230
X5	448450.708	117529.540	17.845
X6	448379.636	117535.546	16.811
X7	448314.810	117597.301	15.142

E	Additional tree information at Roe Lodge and Chalcroft Business Park	25 May 15
C	Sub surface pipe line added (Bubble Lane)	10 Feb 15
B	Tree Form added	17 Jun 15
D	Additional survey area added	31 Oct 14
A	Window and door cuts added	27 Aug 14

rev	amendment	date
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client
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project
HORTON HEATH
HAMPSHIRE

scale
1:500@A0

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RPW

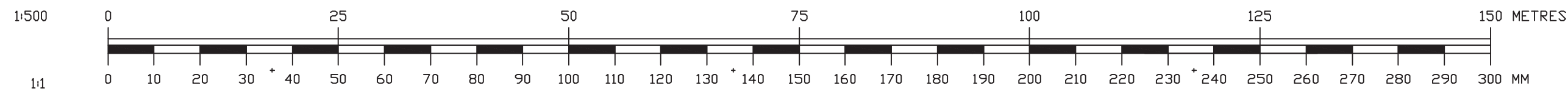
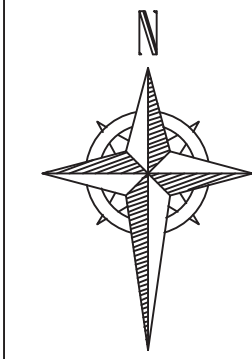
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title
DETAILED TOPOGRAPHICAL
SURVEY

drawing number
IR.SAV.1.21.11

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 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
- TB - Call 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	448789.961	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	116823.730	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
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HAMPSHIRE

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cad file
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title
DETAILED TOPOGRAPHICAL
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drawing number
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rev.
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