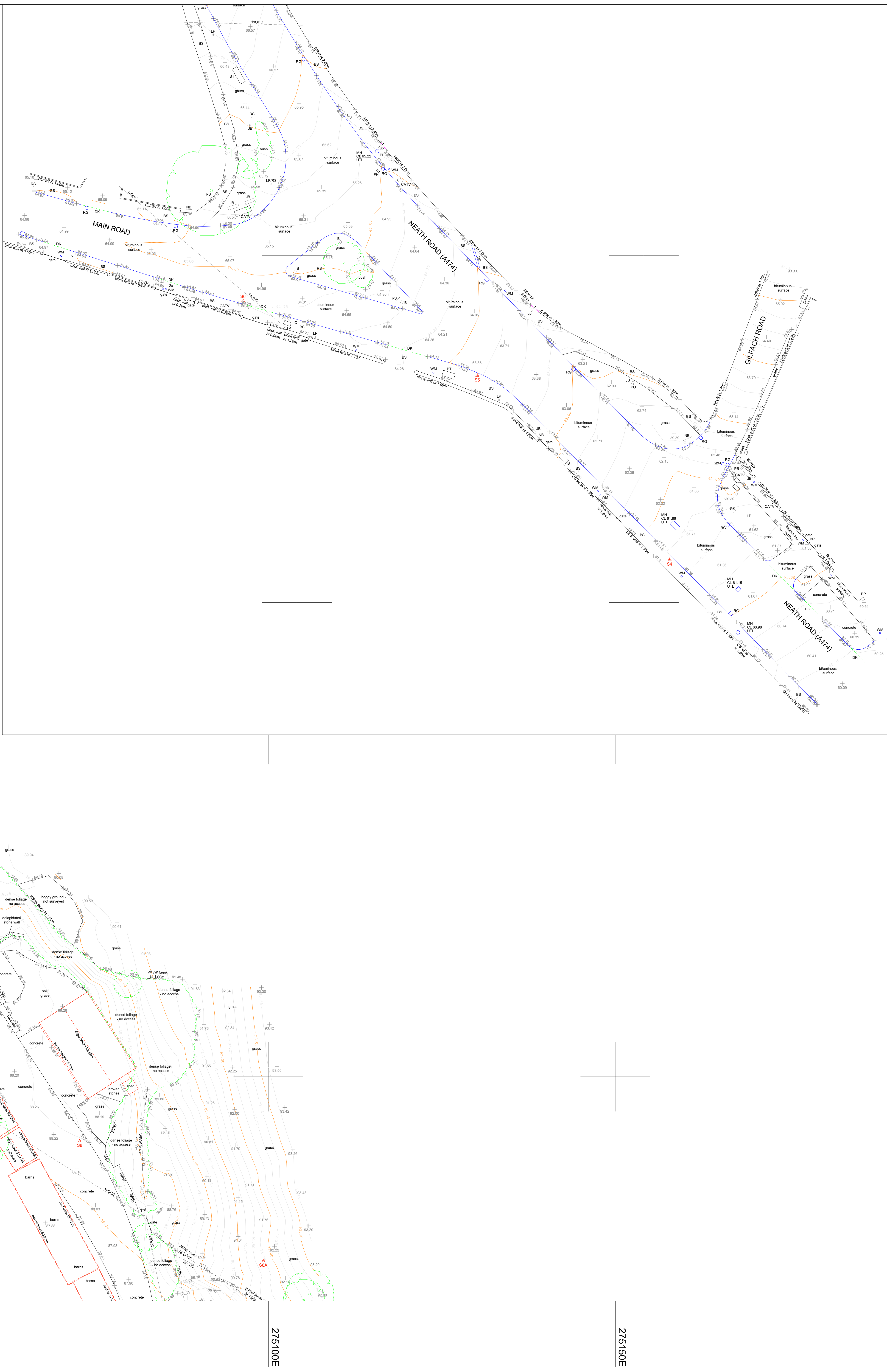


199400N

199350N

199300N

199250N



KEY TO ABBREVIATIONS

Asp

Asphalt

B

Ballast

BB

Beltline Beacon

BS

Blankets Surface

BT

British Telecom Cover

BU

Bush/Shrub

CB

Telephone Control Cabinet

CATV

Cable Television Cover

Conc.

Concrete

CPS

Concrete Paving Slab

DK

Drop Kerb

Eac.

Electricity Inspection Cover

EP

Electricity Pole

ER

Earth Road

FB

Flowed Bed

FFL

Finished Floor Level

FH

Fire Hydrant

G

Gully

GP

Gate Post

GV

Gas Valve

IC

Inspection Cover

JB

Junction Box

LP

Lamp Post

MH

Manhole

NS

Name Board

OHC

Overhead Cable

PO

Post

PS

Post Box

RE

Roading Eye

RG

Road Gully

RS

Road Sign

RSJ

Roller Steel Joint

RWP

Rain Water Pipe

Sap

Sapling

SWP

Sub Vent Pipe

SP

Sign Post

TCB

Telephone Box

TP

Telegraph Pole

WM

Water Meter

Fence And Wall Features:

BRW

Brick Retaining Wall

BLRW

Block Retaining Wall

BP

Brick Pillar

SW

Barbed Wire

SW

Block Wall

CRW

Concrete Retaining Wall

CRW

Concrete Wall

CPBW

Concrete Post & Barbed Wire

CPCL

Concrete Post & Chainlink

CPCP

Concrete Post & Post

CPW

Concrete Post & Wire

CPMR

Concrete Post & Metal Rail

HR

Hand Rail

M

Metal Railings

MM

Metal Mesh

LL

Larch Lap

SLRW

Stone Retaining Wall

Wlap

Wood Lap

WRBW

Wood Post & Barbed Wire

WPR

Wood Post & Rail

WPRW

Wood Post & Wire

Drainage Features:

CL

Cover Level

I

Invert Level

FWS

Foul Water Sewer

SWS

Storm Water Sewer

CWS

Combined Water Sewer

UTL

Unable To Lift

D

Pipe Diameter (mm)

SL

Soft Level

Arrow

Arrow indicates direction of flow

WL

Water Level with date and time taken

Embankment

EXISTING TREE (SPREAD - NEAREST METRE)

D. DIAMETER

S. SPREAD

Notes :

1. All levels and grid relate to Ordnance Survey Datum derived by GPS.

2. Do not scale from this drawing.

Station	Easting	Northing	Height
S1	274953.095	199311.481	89.185
S2	275004.287	199326.906	89.208
S4	274953.710	199356.188	81.759
S5	274953.027	199362.710	83.903
S6	274972.299	199393.402	84.789
S8	275072.827	199440.754	88.281
S8A	275099.298	199223.499	91.879
S9C	275114.099	199124.514	90.190
S9	275084.708	199071.683	87.462
S10	275093.874	199178.851	86.807
S11	275100.121	199134.175	89.980
S11A	275099.655	199138.885	82.111
S11B	275092.641	199092.139	81.800
S11C	275105.032	199180.063	102.093
S12	275109.982	199076.825	85.431
S13	275024.195	199009.241	87.236
S14	275286.383	199017.584	85.418
S15	275241.506	199013.786	84.125
S16	275445.704	199053.145	100.342
S16A	275061.319	199061.848	102.377
S16B	275091.603	199076.784	89.291
S16C	275064.892	199071.605	102.777
S16D	275093.389	199091.647	99.713
S17	275495.938	199092.382	95.089
S18	275499.097	199089.007	88.418
S19	275090.923	199012.242	86.856
S20	275499.227	199882.088	87.701
S21	275495.081	199829.757	85.949
S22	275499.091	199070.433	81.887
S24	275130.318	199057.804	83.304
S25	275138.894	199037.084	82.877
S26	275162.376	199068.106	82.871
S27	275188.344	199067.819	82.829
S28	275182.928	199091.580	84.048
S29	275208.704	199093.241	85.024
S31	275000.894	199063.012	82.806
S32	275233.845	199892.102	82.828
S33	275201.011	199842.319	86.987
S34	275245.878	199057.378	87.327
S35	275260.299	199845.277	87.887
S36	275244.433	199093.516	89.586
S37	275233.088	199032.208	84.837
S38	275225.888	199055.513	85.449
S39	275229.029	199063.004	87.935
S40	275229.249	199073.702	87.418
S41	275217.899	199080.331	86.934
S42	275241.053	199080.308	89.989

A

Additional detail added

12/02/16

Rev

Description

Date

3point

Surveys Limited

Malrose Court, Malrose Hall, St Mellons, Cardiff, CF3 9EG
102020 776956 e-mail@3pointsurveys.co.uk www.3pointsurveys.co.uk

Client:

Hale Construction.

Site:

Leiros Park,
Gilfach Road,
Neath.

Drawing:

Topographic Survey with
Contours Sheet 1 of 7

Scale:

A0@1:250

Date:

November 2015

Designed By:

C.M.K

Drawing No.:

31104S-1-1

Rev A

199200N

199150N

199100N

199050N

275000E

275050E

275100E

275150E

275200E

KEY TO ABBREVIATIONS			
Asp	Asphalt	JB	Junction Box
B	Barbed	KD	Kent Canal
BB	Brick Beacon	LP	Lamp Post
BS	Blanket Surface	MH	Manhole
BT	British Telecom Cover	NS	Name Board
BU	Bush/Brub	OHC	Overhead Cable
CB	Telephone Control Cabinet	PO	Post
CATV	Cable Television Cover	PS	Post Box
Conc	Concrete	RE	Road Eye
CPS	Concrete Paving Stone	RG	Road Gully
DK	Drop Kerb	RS	Road Sign
Eac	Electricity Inspection Cover	RSL	Roller Steel Joint
EP	Electricity Pole	RWP	Rain Water Pipe
ER	Earth Rod	Sap	Sapling
FB	Flashed Set	Stp	Stop Sign
FLL	Finished Floor Level	SP	Sign Post
FI	Fire Hydrant	SUP	Sub Vent Pipe
G	Gully	TCB	Telephone Box
GP	Gate Post	TL	Traffic Light
GV	Gas Valve	TP	Telephone Pole
IC	Inspection Cover	WM	Water Meter

Fence And Wall Features:

BRW	Brick Retaining Wall
BLRW	Block Retaining Wall
BP	Brick Pillar
SW	Barbed Wire
BRW	Brick Wall
CRW	Concrete Retaining Wall
CB	Concrete Block
CPBW	Concrete Post & Barbed Wire
CPCL	Concrete Post & Chain Link
CPCP	Concrete Post & Post
CPW	Concrete Post & Wire
CPMR	Concrete Post & Metal Rail
HR	Hand Rail
M	Metal Railings
MM	Metal Mesh
LL	Larch Lap
SLRW	Stone Retaining Wall
Wap	Wood Lap
WRBW	Wood Post & Barbed Wire
WPR	Wood Post & Rail
WPM	Wood Post & Wire

Drainage Features:

CL	Cover Level
I	Invert Level
FWS	Foul Water Sewer
SWS	Storm Water Sewer
CWS	Combined Water Sewer
UTL	Unable To Lift
D	Pipe Diameter (mm)
SL	Soft Level
AI	Arrow Indicates direction of flow
WL	Water Level with date and time taken

Embankment

EXISTING TREE (SPREAD - NEAREST METRE)
D. DIAMETER
S. SPREAD

Notes:

- All levels and grid relate to Ordnance Survey Datum derived by GPS.
- Do not scale from this drawing.

Station	Existing	Northings	Height
S1	274853.005	199311.451	89.185
S2	275054.287	199325.596	89.208
S3	274853.710	199356.188	81.759
S4	274850.027	199362.710	83.903
S5	274792.289	199395.402	84.789
S6	275072.827	199440.754	88.281
S7	275099.288	199223.499	81.879
S8	275114.288	199124.514	80.190
S9	275054.708	199071.683	87.462
S10	275053.874	199178.851	86.807
S11	275100.121	199134.175	89.880
S12	275088.655	199138.885	82.111
S13	275082.641	199092.139	81.800
S14	275105.052	199180.083	102.083
S15	275105.082	199076.825	85.421
S16	275054.195	199009.241	87.236
S17	275286.383	199017.584	85.418
S18	275241.506	199013.786	84.125
S19	275445.704	199053.146	100.332
S20	275061.318	199061.888	102.377
S21	275051.603	199076.784	89.291
S22	275044.892	199071.405	102.777
S23	275093.389	199091.647	99.713
S24	275445.508	199062.302	85.089
S25	275445.097	199058.007	84.418
S26	275090.823	199012.242	86.856
S27	275449.227	199022.088	87.721
S28	275445.097	199022.727	85.549
S29	275445.091	199070.433	81.887
S30	275130.318	199057.894	83.324
S31	275138.894	199057.594	82.877
S32	275130.318	199058.106	82.871
S33	275188.344	199067.819	82.629
S34	275182.508	199051.580	84.048
S35	275028.704	199053.241	86.024
S36	275030.894	199063.012	82.806
S37	275033.845	199062.102	82.828
S38	275031.011	199062.319	86.887
S39	275245.619	199057.378	87.327
S40	275260.299	199045.277	87.387
S41	275244.433	199059.516	89.586
S42	275033.898	199057.208	84.827
S43	275025.888	199055.513	85.449
S44	275029.029	199060.004	87.935
S45	275029.249	199073.702	87.418
S46	275027.889	199068.331	86.534
S47	275241.503	199068.308	89.583

A	Additional detail added	12/02/16
Rev	Description	Date



Client:	Hale Construction.
Site:	Leiros Park, Giffach Road, Neath.
Drawing:	Topographic Survey with Contours Sheet 2 of 7
Scale:	A0@1:250
Designed By:	C.M.K.
Drawing No.:	31104S-1-2
Rev A	

199150N

199100N

199050N

275300E

275350E

275400E

275450E

275500E

KEY TO ABBREVIATIONS	
Asp	Asphalt
B	Barbed
BB	Belgian Beacon
BS	Blanket Surface
BT	British Telecom Cover
BU	Bush/Brub
CB	Telephone Control Cabinet
CATV	Cable Television Cover
Conc	Concrete
CPS	Concrete Paving Slab
DK	Drop Kerb
Eac	Electricity Inspection Cover
EP	Electricity Pole
ER	Earth Road
FB	Flashed Bed
FFL	Finished Floor Level
FI	Fire Hydrant
G	Gully
GP	Gate Post
GV	Gas Valve
IC	Inspection Cover
JB	Junction Box
KD	Kerb Detail
LP	Lamp Post
MH	Manhole
NS	Name Board
OHC	Overhead Cable
PO	Post
PS	Post Box
RE	Road Edge
RG	Road Gully
RS	Road Sign
RSJ	Reinforced Steel Joint
RWP	Rain Water Pipe
Sap	Siding
Say	Stay
SP	Sign Post
SUP	Sub Level Pipe
TCB	Telephone Box
TL	Traffic Lights
TP	Telegraph Pole
WM	Water Meter

- Fence And Wall Features:
- BRW Brick Retaining Wall
 - BLRW Brick Retaining Wall
 - BP Brick Pillar
 - BW Brick Wall
 - BBW Barbed Wire
 - CRW Concrete Retaining Wall
 - CPS Concrete Paving Slab
| CPCL | Concrete Post & Chain Link |
| CPCP | Concrete Post & Post |
| CPW | Concrete Post & Wire |
| CPMR | Concrete Post & Metal Rail |
| HR | Hand Rail |
| M | Metal Mesh |
| MM | Metal Mesh |
| LL | Larch Laid |
| SLRW | Stone Retaining Wall |
| Wip | Wood Laid |
| WRBW | Wood Post & Barbed Wire |
| WPR | Wood Post & Rail |
| WPH | Wood Post & Wire |
- Drainage Features:
- CL Cover Level
 - I Invert Level
| FWS | Foul Water Sewer |
| SWS | Storm Water Sewer |
| CWS | Combined Water Sewer |
| UTL | Under To Laid |
| D | Pipe Diameter (mm) |
| SL | Soil Level |
| AI | Arrow Indicates direction of flow |
| WL | Water Level with date and time taken |
- Embankment
- EXISTING TREE (SPREAD - NEAREST METRE)
- D. DIAMETER
S. SPREAD

Notes:

- All levels and grid relate to Ordnance Survey Datum derived by GPS.
- Do not scale from this drawing.

Station	Existing	Northings	Height
S1	274853.005	199311.481	89.185
S2	275054.287	199326.906	89.326
S4	274853.710	199356.188	91.759
S5	274850.027	199362.710	93.903
S6	274792.299	199393.402	94.798
S8	275057.827	199440.754	88.281
S8A	275059.298	199323.499	91.879
S9	275114.098	199344.514	90.190
S9	275054.708	199311.481	87.462
S10	275053.874	199178.851	86.827
S11	275100.121	199134.175	89.880
S14A	275059.655	199158.885	82.111
S18	275052.641	199092.139	81.800
S11C	275105.052	199180.063	102.023
S12	275119.982	199076.825	85.431
S13	275054.195	199009.241	87.236
S14	275286.383	199017.584	95.418
S15	275241.506	199013.786	94.125
S16	275485.704	199053.146	100.332
S16A	275051.319	199061.886	102.377
S18B	275051.603	199076.784	89.291
S19C	275054.892	199071.405	102.777
S19D	275053.389	199091.647	99.713
S17	275485.508	199062.302	95.089
S18	275495.097	199069.007	94.418
S19	275055.823	199012.242	96.856
S20	275489.227	199052.048	87.721
S21	275495.097	199023.757	85.948
S22	275495.097	199070.433	91.857
S24	275130.318	199057.894	83.324
S25	275138.894	199057.594	82.877
S26	275130.318	199056.196	82.871
S27	275188.344	199067.819	82.629
S28	275182.528	199051.580	84.048
S29	275208.704	199032.241	86.524
S31	275050.894	199063.012	82.806
S32	275233.845	199022.102	82.828
S33	275231.011	199042.219	86.837
S34	275248.819	199057.378	93.327
S35	275280.299	199045.277	87.387
S36	275244.433	199053.116	89.596
S37	275233.898	199052.208	84.837
S38	275225.888	199055.513	85.449
S39	275229.029	199050.004	87.935
S40	275229.249	199079.702	87.418
S41	275217.889	199046.331	86.854
S42	275241.653	199046.308	89.583

A Rev

Additional detail added
Description

12/02/16
Date



3point Surveys Limited
Millhouse Court, Millhouse Hall, St Mellons, Cardiff, CF3 9EG
02920 776956 • info@3pointsurveys.co.uk • www.3pointsurveys.co.uk

Client:

Hale Construction.

Site:

Leiros Park,
Giffach Road,
Neath.

Drawing:

Topographic Survey with
Contours Sheet 3 of 7

Scale:

A0@1:250

Date:

November 2015

Designed By:

C.M.K

Drawing No.:

31104S-1-3

Rev A

199150N

199100N

199050N

275400E

275500E

275600E

275600E

275600E

KEY TO ABBREVIATIONS

Asp Asphalt

BB Bitumen Beacon

BT Bitumen Beacon

BU Bush/Brub

CB Cable Television Cabinet

CATV Cable Television Cover

Conc Concrete

CPSE Concrete Paving Slab

DK Drop Kerb

Eac Electricity Inspection Cover

EP Electricity Pole

ER Earth Rod

FB Flower Bed

FLL Finished Floor Level

FI Fire Hydrant

G Gully

GP Gas Post

GV Gas Valve

IC Inspection Cover

JB Junction Box

LD Lamp Post

MH Manhole

NS Name Board

OHC Overhead Cable

PO Post

PS Post Box

RE Rooding Eye

RG Road Gully

RS Road Sign

RSJ Rolled Steel Joint

RWP Rain Water Pipe

Sap Sapling

Stp Stair

SP Sign Post

SUP Soil Vent Pipe

TCB Telephone Box

TL Traffic Light

TP Telegraph Pole

WM Water Meter

Fence And Wall Features:

BRW Brick Retaining Wall

BLRW Brick Retaining Wall

BP Brick Pillar

SW Barbed Wire

SW Brick Wall

CRW Concrete Retaining Wall

CRW Concrete Retaining Wall

CPCL Concrete Post & Chain Link

CPCL Concrete Post & Chain Link

CPW Concrete Post & Wire

CPWR Concrete Post & Wire

HR Hand Rail

MM Metal Mesh

LL Larch Lap

BLRW Brick Retaining Wall

WP Wood Post

WPR Wood Post & Rail

WPR Wood Post & Rail

Drainage Features:

CL Cover Level

IL Invert Level

FWS Foul Water Sewer

SWS Storm Water Sewer

CWS Combined Water Sewer

UTL Unable To Lift

D Pipe Diameter (mm)

SL Safe Level

AI Arrow Indicates direction of flow

WL Water Level with date and time taken

Embarkment

EXISTING TREE (SPREAD - NEAREST METRE)

D DIAMETER

S SPREAD

Notes:

1. All levels and grid relate to Ordnance Survey Datum derived by GPS.

2. Do not scale from this drawing.

Station Coordinates

Station	Easting	Northing	Height
51	274853.009	199111.481	89.185
52	274853.009	199111.481	89.185
53	274853.009	199111.481	89.185
54	274853.009	199111.481	89.185
55	274853.009	199111.481	89.185
56	274853.009	199111.481	89.185
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59	274853.009	199111.481	89.185
60	274853.009	199111.481	89.185
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92	274853.009	199111.481	89.185
93	274853.009	199111.481	89.185
94	274853.009	199111.481	89.185
95	274853.009	199111.481	89.185
96	274853.009	199111.481	89.185
97	274853.009	199111.481	89.185
98	274853.009	199111.481	89.185
99	274853.009	199111.481	89.185
100	274853.009	199111.481	89.185

Additional detail added

Description

12/02/16

Date

3point

Surveys Limited

Marine Court, Marine Hall, 25 Melrose, Cardiff, CF3 1EG

02920 776006 or 01493 330000 or 01493 330000

Client:

Hale Construction.

Site:

Leiros Park,
Giffach Road,
Neath.

Drawing:

Topographic Survey with
Contours Sheet 4 of 7

Scale:

A0@1:250

Date:

November 2015

Designed By:

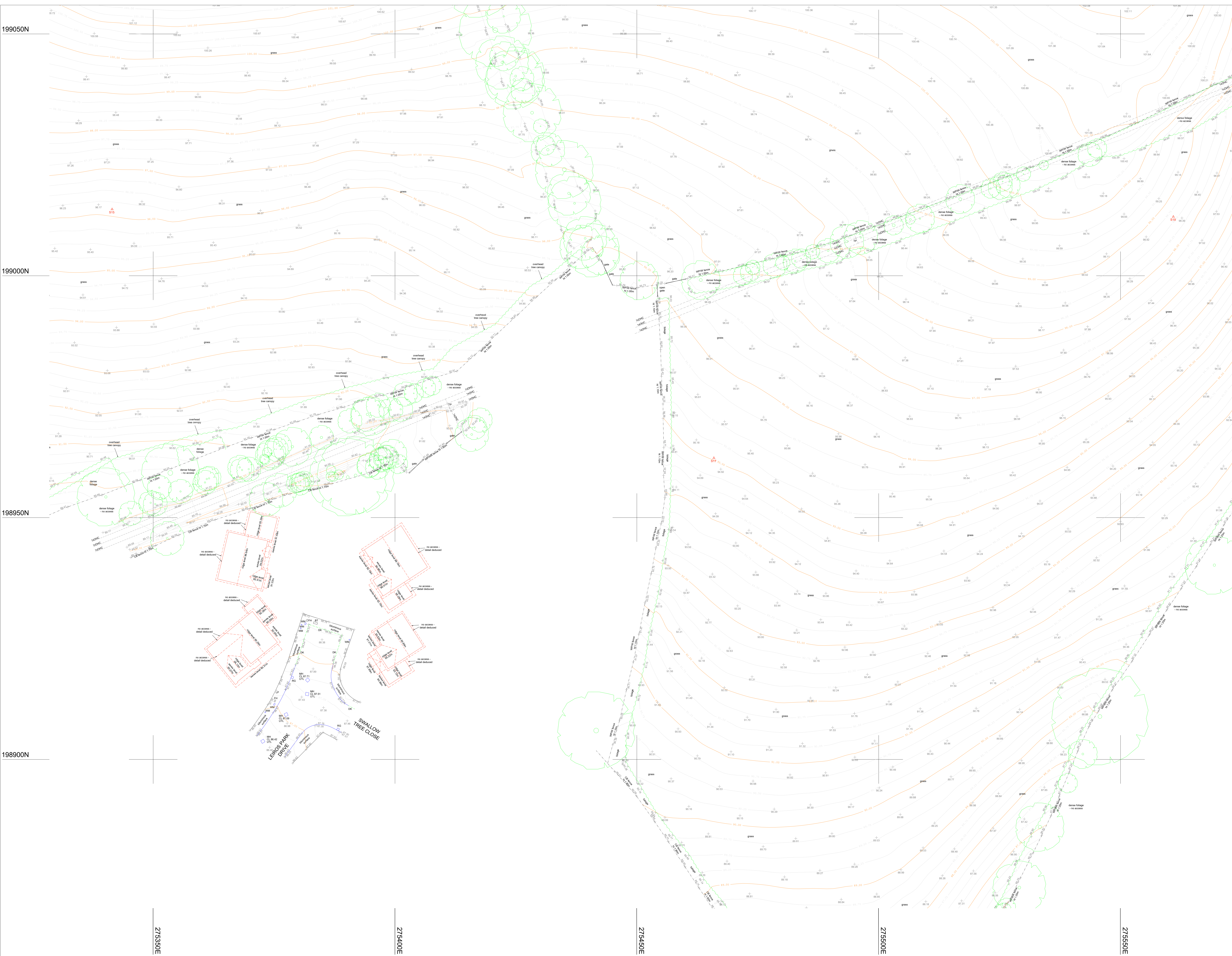
C.M.K.

Drawing No.:

31104S-1-4

Rev A

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KEY TO ABBREVIATIONS

Asp Asphalt

BB Bellman Beacon

BS Blanking Surface

BT British Telecom Cover

BU Bush/Brub

CB Cable Television Control Cabinet

CATV Cable Television Cover

Conc Concrete

CPS Concrete Paving Slab

DK Drop Kerb

EW Electricity Inspection Cover

EP Electricity Pole

ER Earth Rod

FB Flashed Bed

FFL Finished Floor Level

FI Fire Hydrant

G Gully

GP Gas Post

GV Gas Valve

IC Inspection Cover

JB Junction Box

KD Kiosk Cabinet

LP Lamp Post

MH Manhole

NS Name Board

OC Overhead Cable

PO Post

PS Post Box

RE Rooding Eye

RG Road Gully

RS Road Sign

RSL Rolled Steel Joint

RWP Rain Water Pipe

Sap Sap

Shd Shading

SP Sign Post

SUP Soil Vent Pipe

TCS Telephone Box

TL Traffic Light

TP Telephone Pole

WM Water Meter

Fence And Wall Features:

BRW Brick Retaining Wall

BURW Brick Retaining Wall

BP Brick Pier

BW Brick Wall

BBW Barbed Wire

CBW Concrete Retaining Wall

CPCL Concrete Post & Chain Link

CPCLP Concrete Post & Post

CPW Concrete Post & Wire

CPWR Concrete Post & Metal Rail

HR Hand Rail

MM Metal Mesh

LL Larch Laid

BRW Brick Retaining Wall

WLP Wood Laid

WRW Wood Post & Barbed Wire

WPR Wood Post & Rail

WPH Wood Post & Wire

Drainage Features:

CL Cover Level

IL Invert Level

FWS Foot Water Sewer

SWS Storm Water Sewer

CWS Combined Water Sewer

UTL Unleak To LRT

D Pipe Diameter (mm)

SL Silt Level

AI Arrow Indicators

direction of flow

Water Level with date and time taken

Embankment

EXISTING TREE (SPREAD - NEAREST METRE)

D DIAMETER

S SPREAD

Notes:

1. All levels and grid relate to Ordnance Survey Datum derived by GPS.

2. Do not scale from this drawing.

Station Coordinates

Station	Easting	Northing	Height
S1	274853.095	199311.481	89.195
S2	275054.287	199359.906	89.538
S4	274853.710	199356.188	81.759
S5	274850.027	199362.710	83.903
S6	274792.299	199360.402	84.789
S8	275072.827	199340.754	88.281
S8A	275069.298	199323.499	81.879
S9C	275114.098	199324.814	85.190
S9	275054.708	199311.683	87.482
S10	275053.874	199178.851	86.807
S11	275100.121	199134.175	89.980
S11A	275069.855	199138.885	82.111
S11B	275062.641	199092.139	81.800
S11C	275105.052	199180.083	102.083
S12	275109.982	199076.828	85.481
S13	275054.195	199009.241	87.236
S14	275286.383	199017.584	95.418
S15	275341.008	199013.786	86.125
S16	275485.704	199053.185	105.382
S16A	275061.319	199061.886	102.377
S16B	275061.803	199076.784	89.291
S16C	275064.882	199071.405	102.777
S16D	275069.389	199091.647	99.713
S17	275485.008	199062.382	95.089
S18	275495.097	199060.007	86.418
S19	275060.823	199012.242	96.856
S20	275489.227	199882.088	87.701
S21	275485.081	199882.087	85.948
S22	275485.091	199793.433	81.887
S24	275130.318	199057.894	83.334
S25	275138.894	199057.894	82.877
S26	275130.318	199056.196	82.871
S27	275188.344	199067.819	82.829
S28	275182.828	199061.580	84.048
S29	275058.704	199063.241	88.024
S31	275050.894	199063.012	82.806
S32	275030.845	199062.102	82.828
S33	275031.011	199062.319	86.887
S34	275248.878	199057.378	87.327
S35	275260.299	199045.277	87.387
S36	275244.433	199059.516	89.596
S37	275033.088	199057.208	84.837
S38	275025.888	199055.513	85.449
S39	275029.029	199060.004	87.935
S40	275029.249	199073.702	87.418
S41	275217.889	199046.331	86.834
S42	275241.053	199046.308	89.583

Additional detail added

Description

12/02/16

Date

3point

Surveys Limited

Malrose Court, Malrose Hall, 52 Malrose, Cardiff, CF3 9EG

02920 776956 e-mail: info@3point-surveys.co.uk www.3point-surveys.co.uk

Client:

Hale Construction.

Site:

Leiros Park,
Giffach Road,
Neath.

Drawing:

Topographic Survey with
Contours Sheet 5 of 7

Scale:

A0@1:250

Date:

November 2015

Designed By:

C.M.K.

Drawing No.:

31104S-1-5

Rev A

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198900N

198850N

198800N

198750N

275350E

275400E

275450E

275500E

275550E

KEY TO ABBREVIATIONS

Asp Asphalt

BB Bellman Beacon

BS Bituminous Surface

BT British Telecom Cover

BU Bush/Brub

CB Telephone Control Cabinet

CATV Cable Television Cover

Conc Concrete

CPS Concrete Paving Slab

DK Drop Kerb

EW Electricity Inspection Cover

EP Electricity Pole

ER Earth Rod

FB Flashed Bed

FFL Finished Floor Level

FH Fire Hydrant

G Gully

GP Gas Post

GV Gas Valve

IC Inspection Cover

JB Junction Box

KD Kera Coat

LP Lamp Post

MH Manhole

NS Name Board

OHC Overhead Cable

PO Post

PB Post Box

RE Roding Eye

RG Road Gully

RS Road Sign

RSL Rolled Steel Joint

RWP Rain Water Pipe

Sip Sighting

SWP Stay Wire

SP Sign Post

SUP Soil Vent Pipe

TCB Telephone Box

TL Traffic Light

TP Telegraph Pole

WM Water Meter

Fence And Wall Features:

BIRW Brick Retaining Wall

BLRW Brick Retaining Wall

BP Brick Pillar

SW Barbed Wire

SWW Brick Wall

CRW Concrete Retaining Wall

CR Concrete

CPBW Concrete Post & Barbed Wire

CPCL Concrete Post & Chain Link

CPCP Concrete Post & Post

CPW Concrete Post & Wire

CPMR Concrete Post & Metal Rail

HR Hand Rail

Y Metal Railings

MM Metal Mesh

LL Larch Lap

SLRW Stone Retaining Wall

Wlp Wood Lap

WRBW Wood Post & Barbed Wire

WPR Wood Post & Rail

WPHW Wood Post & Wire

Drainage Features:

CL Cover Level

I Invert Level

FWS Foul Water Sewer

SWS Storm Water Sewer

CWS Combined Water Sewer

UTL Unable To Lift

D Pipe Diameter (mm)

SL Silt Level

Arrow Indicates direction of flow

WL Water Level with date and time taken

Embankment

EXISTING TREE (SPREAD - NEAREST METRE)

D DIAMETER

S SPREAD

Notes :

1. All levels and grid relate to Ordnance Survey Datum derived by GPS.

2. Do not scale from this drawing.

Station	Easting	Northing	Height
S1	274853.095	199311.481	89.185
S2	275094.287	199326.906	89.206
S4	274853.710	199356.188	81.759
S5	274850.027	199362.710	83.933
S6	274792.299	199393.482	84.789
S8	275072.827	199240.754	88.281
S8A	275099.298	199223.499	81.879
S9C	275114.098	199134.814	85.190
S9	275084.708	199071.683	87.482
S10	275083.874	199178.851	86.807
S11	275100.121	199134.175	89.980
S11A	275089.655	199138.885	82.111
S11B	275092.641	199092.139	81.800
S11C	275105.032	199180.083	102.083
S12	275119.982	199076.828	85.431
S13	275204.195	199009.241	87.236
S14	275286.383	199017.584	85.418
S15	275341.008	199013.786	85.125
S16	275483.704	199023.136	102.382
S16A	275081.319	199061.848	102.377
S16B	275091.603	199076.784	89.291
S16C	275084.892	199071.905	102.777
S16D	275093.389	199091.647	99.713
S17	275485.008	199062.382	85.089
S18	275495.037	199066.007	85.418
S19	275090.823	199012.242	96.856
S20	275489.227	199882.088	87.701
S21	275495.081	199828.757	85.548
S22	275495.091	199793.433	81.887
S24	275130.318	199057.804	83.304
S25	275138.894	199027.084	82.877
S26	275162.376	199068.106	82.871
S27	275188.344	199067.819	82.829
S28	275182.028	199091.580	84.048
S30	275208.704	199893.241	85.824
S31	275200.894	199863.012	82.806
S32	275230.845	199892.102	82.828
S33	275231.011	199842.319	86.887
S34	275248.678	199897.378	87.327
S35	275260.299	199845.277	87.387
S36	275244.433	199893.116	89.596
S37	275233.688	199897.208	84.837
S38	275225.888	199865.513	85.449
S39	275229.029	199893.004	87.935
S40	275229.249	199873.782	87.418
S41	275217.689	199886.331	86.854
S42	275241.033	199880.368	89.583

A Additional detail added

Rev Description

12/02/16

Date

3point

Surveys Limited

Malrose Court, Malrose Hall, St Mellons, Cardiff, CF3 9EG
02920 776906 e:info@3pointsurveys.co.uk w:www.3pointsurveys.co.uk

Client: Hale Construction.

Site: Leiros Park, Gilfach Road, Neath.

Drawing: Topographic Survey with Contours Sheet 6 of 7

Scale: A0@1:250 Date: November 2015

Designed By: C.M.K.

Drawing No.: 31104S-1-6 Rev A

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198950N

198900N

198850N

275150E

275200E

275250E

275300E

275350E

KEY TO ABBREVIATIONS

Asp Asphalt

BB Bellman Beacon

BT British Telecom Cover

BU Bush/Brub

CB Cable Television Cabinet

CATV Cable Television Cover

Conc Concrete

CPS Concrete Paving Slab

DK Drop Kerb

EAC Electricity Inspection Cover

EP Electricity Pole

ER Earth Rod

FB Flashed Bit

FLL Finished Floor Level

FH Fire Hydrant

G Gully

GP Gas Post

GV Gas Valve

IC Inspection Cover

JB Junction Box

KD Kera Coat

LP Lamp Post

MH Manhole

NS Name Board

OHC Overhead Cable

PO Post

PS Post Box

RE Rooding Eye

RGS Road Guard

RS Road Sign

RSL Rolled Steel Joint

RWP Rain Water Pipe

Swp Slop

SW Stay Wire

SP Sign Post

SUP Soil Vent Pipe

TCB Telephone Box

TL Traffic Light

TP Telegraph Pole

WM Water Meter

Fence And Wall Features:

BRW Brick Retaining Wall

BLRW Brick Retaining Wall

BP Brick Pier

SW Barbed Wire

BRW Brick Wall

CRW Concrete Retaining Wall

CB Concrete Block

CPBW Concrete Post & Barbed Wire

CPCL Concrete Post & Chain Link

CPWP Concrete Post & Post

CPWR Concrete Post & Wire

CMR Concrete Post & Metal Rail

HR Hand Rail

M Metal Mesh

MM Metal Mesh

LL Larch Laid

BRW Brick Retaining Wall

WLP Wood Lap

WRW Wood Post & Barbed Wire

WPR Wood Post & Rail

WPH Wood Post & Wire

Drainage Features:

CL Cover Level

FWS Foul Water Sewer

SWS Storm Water Sewer

CWS Combined Water Sewer

UTL Unable To Lift

Ø Pipe Diameter (mm)

SL Safe Level

Arrow Indicators direction of flow

WL Water Level with date and time taken

Embankment

EXISTING TREE (SPREAD - NEAREST METRE)

D DIAMETER

S SPREAD

Notes:

1. All levels and grid relate to Ordnance Survey Datum derived by GPS.

2. Do not scale from this drawing.

Station Coordinates

Station	Easting	Northing	Height
S1	274853.005	199317.481	89.185
S2	275054.287	199259.906	89.538
S4	274853.710	199256.188	81.759
S5	274850.027	199262.710	83.933
S6	274792.299	199269.402	84.789
S8	275072.827	199240.754	88.281
S8A	275059.288	199223.499	81.879
S9C	275114.098	199134.814	85.192
S9	275054.708	199201.683	87.482
S10	275053.874	199178.851	86.827
S11	275100.121	199134.175	89.890
S14A	275069.655	199158.885	82.111
S18	275092.641	199092.139	81.800
S11C	275155.052	199180.063	102.083
S12	275159.982	199076.825	85.431
S13	275204.195	199009.241	87.236
S14	275286.383	199017.504	85.418
S15	275241.508	199013.786	86.125
S16	275485.704	199053.116	103.382
S16A	275061.319	199061.848	102.377
S18B	275091.603	199076.784	89.291
S19C	275064.882	199107.405	102.777
S19D	275093.389	199091.647	99.713
S17	275485.508	199062.382	95.089
S18	275495.097	199069.007	86.418
S19	275065.823	199012.242	96.856
S20	275489.227	199082.088	87.701
S21	275485.281	199082.757	85.549
S22	275495.091	199070.433	81.887
S24	275130.318	199057.894	83.304
S25	275138.894	199057.594	82.877
S26	275162.378	199068.106	82.871
S27	275188.344	199067.819	82.829
S28	275182.528	199061.580	84.048
S29	275208.704	199063.241	85.024
S31	275200.894	199063.012	82.806
S32	275233.845	199062.102	82.828
S33	275231.011	199062.319	86.887
S34	275245.878	199057.378	83.327
S35	275260.299	199045.277	87.387
S36	275244.433	199059.516	89.596
S37	275233.088	199057.208	84.837
S38	275225.888	199055.513	85.449
S39	275229.029	199063.004	87.935
S40	275229.249	199073.702	87.418
S41	275217.889	199066.331	86.534
S42	275241.053	199065.368	89.583

Additional detail added

12/02/16

Rev

Description

Date

3point

Surveys Limited

Malrose Court, Malrose Hall, St Malrose, Cardiff, CF3 9EG
02920 776956 • info@3pointsurveys.co.uk • www.3pointsurveys.co.uk

Client:

Hale Construction.

Site:

Leiros Park,
Giffach Road,
Neath.

Drawing:

Topographic Survey with
Contours Sheet 7 of 7

Scale:

A0@1:250

Date:

November 2015

Designed By:

C.M.K

Drawing No.:

31104S-1-7

Rev A

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