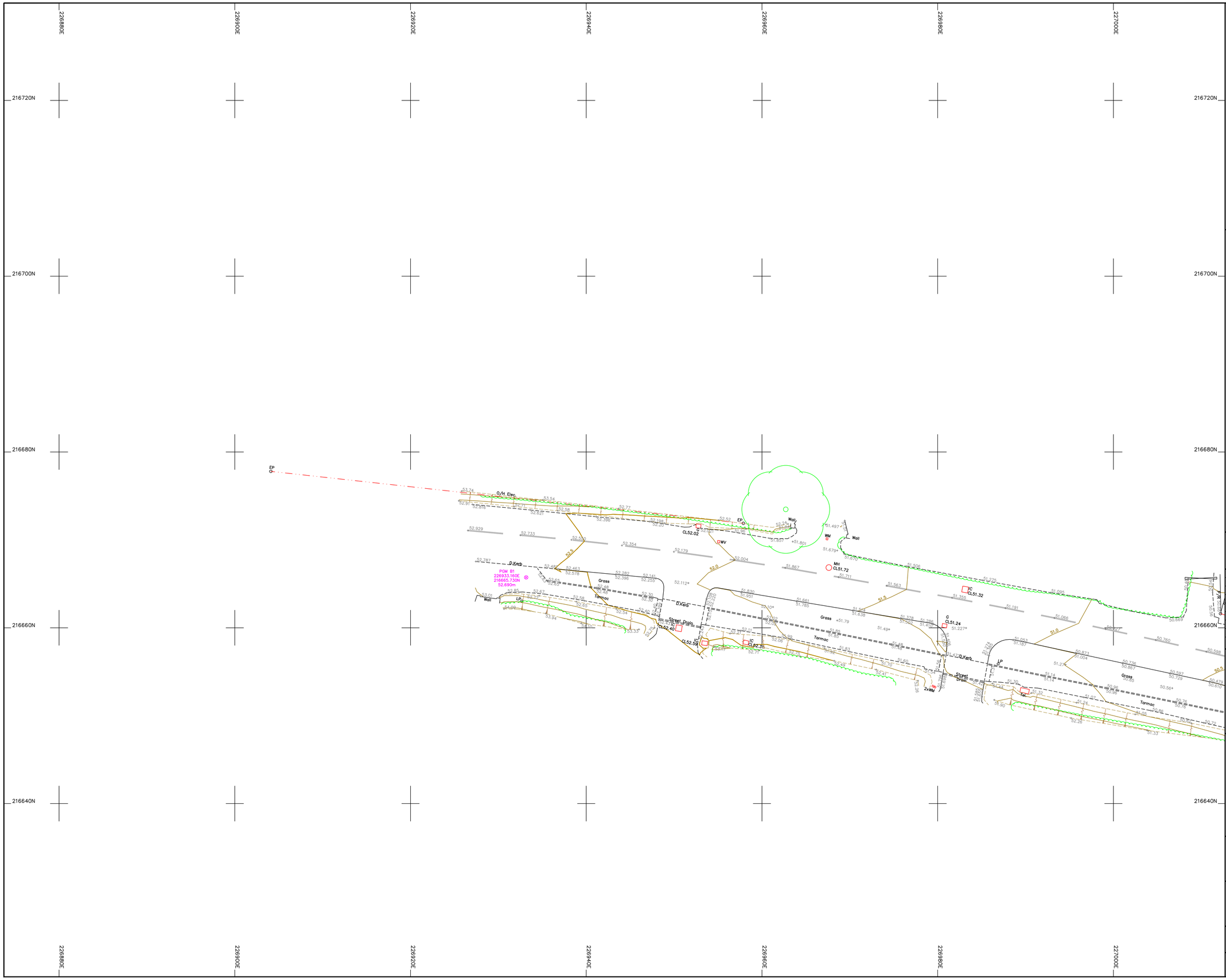

Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
B	Bollard	MS	Mile Stone
CP	Catch Pit	Pal	Paling
C/P	Chestnut Paling	PM	Parking Meter
CE	Cleaning Eye	P	Post
C/B	Close Boarded	P/C	Post and Chain
C/I	Corrugated Iron	P/R	Post and Rail
Cul	Culvert	P/W	Post and Wire
DP	Drain Pipe	RWP	Rain Water Pipe
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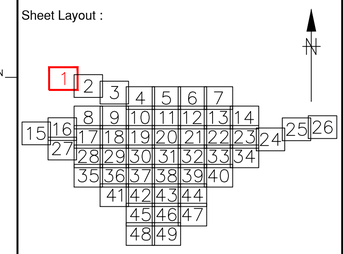
G	Gully	TS	Traffic Signal
Hyd	Hydrant	VP	Vent Pipe
I/R	Iron Railing	WM	Water Meter
IC	Inspection Cover	Tr	Water Trough
I/W	Interwoven	W/M	Wire Mesh Fence
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/05/23	SRD

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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17

Sheet 1 of 49

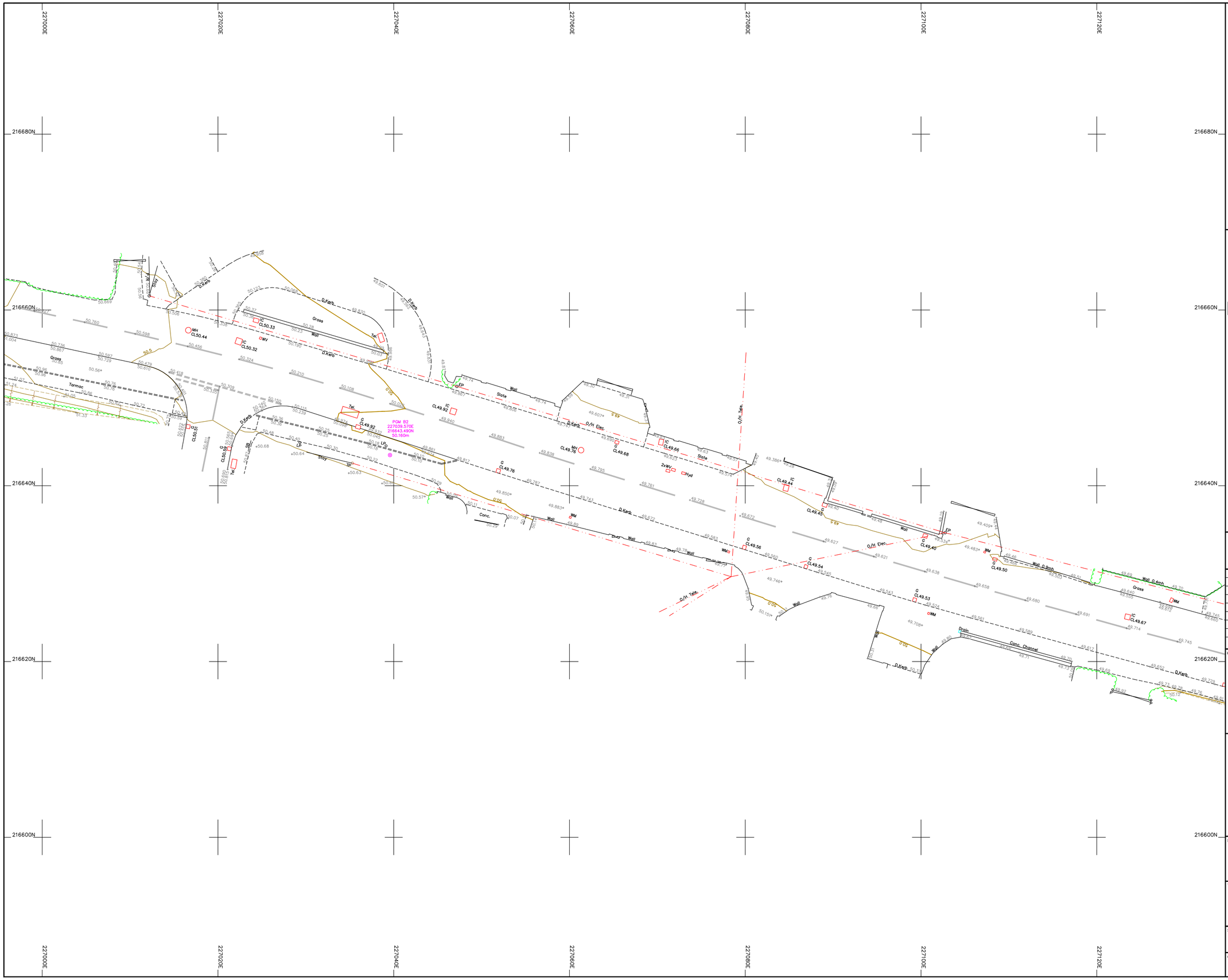
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



Legend :

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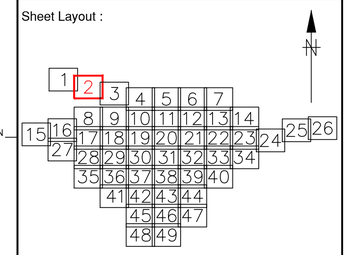
Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17

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Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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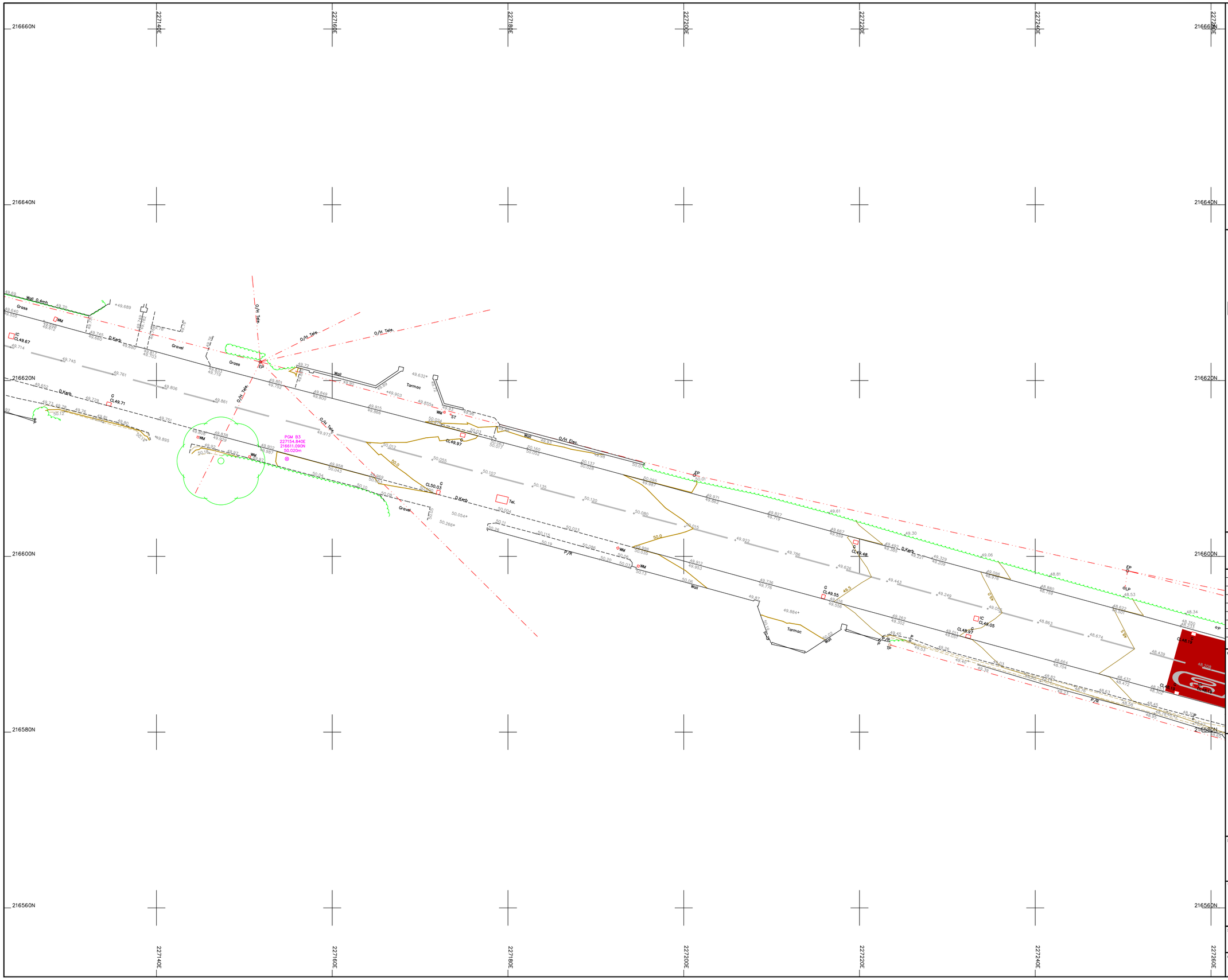
Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



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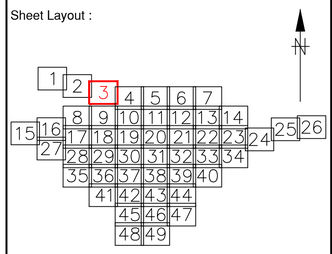
O.S. Bench Mark ↑

Sheet Layout :



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CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

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Carmarthenshire
Site 17

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Title

TOPOGRAPHIC SURVEY

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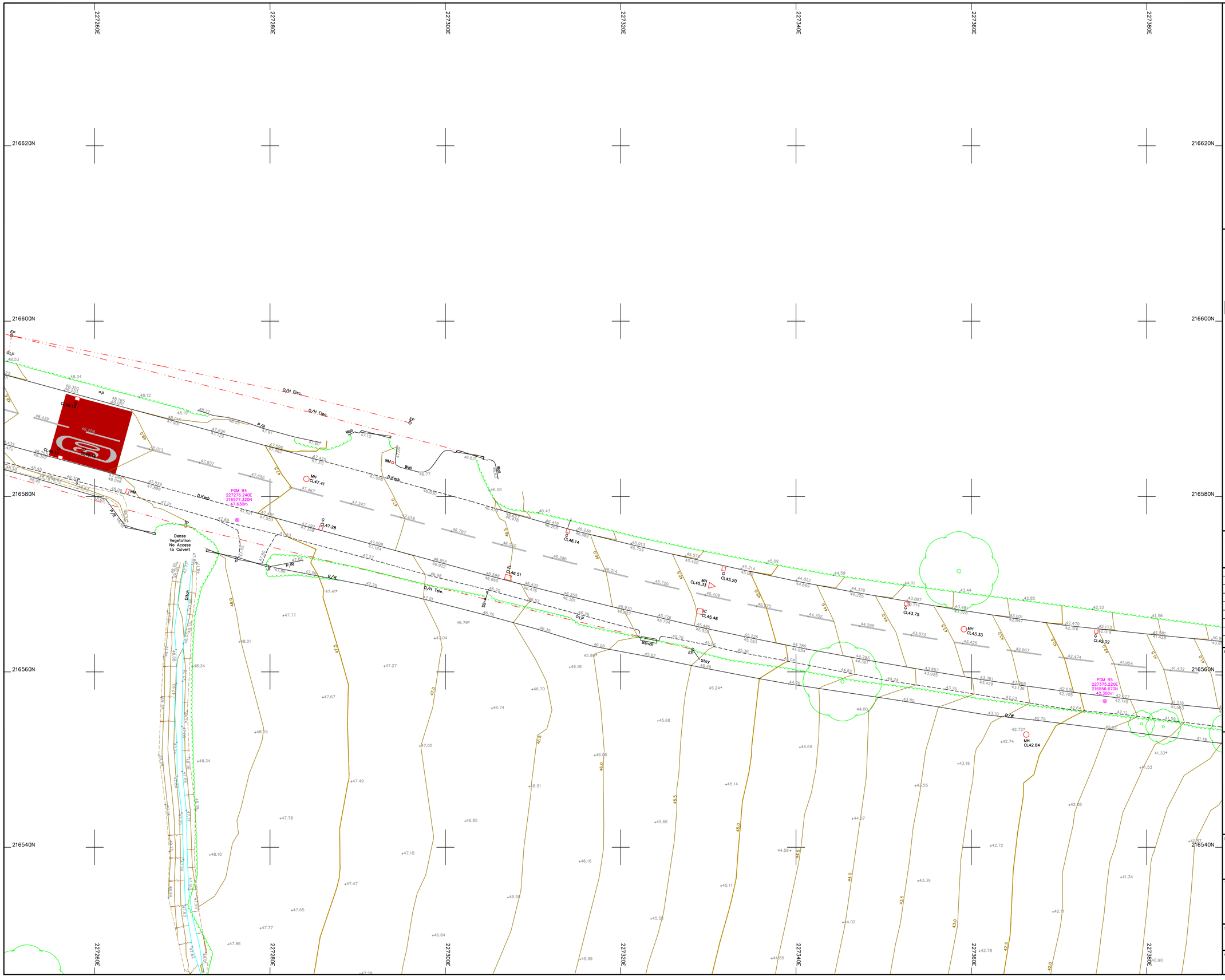
Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



Legend :

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O.S. Bench Mark ↑

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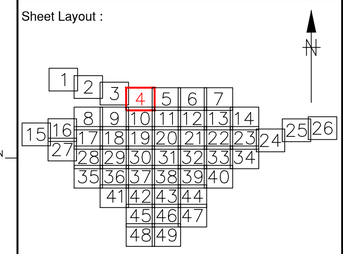

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MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

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Carmarthenshire
Site 17
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Title

TOPOGRAPHIC SURVEY

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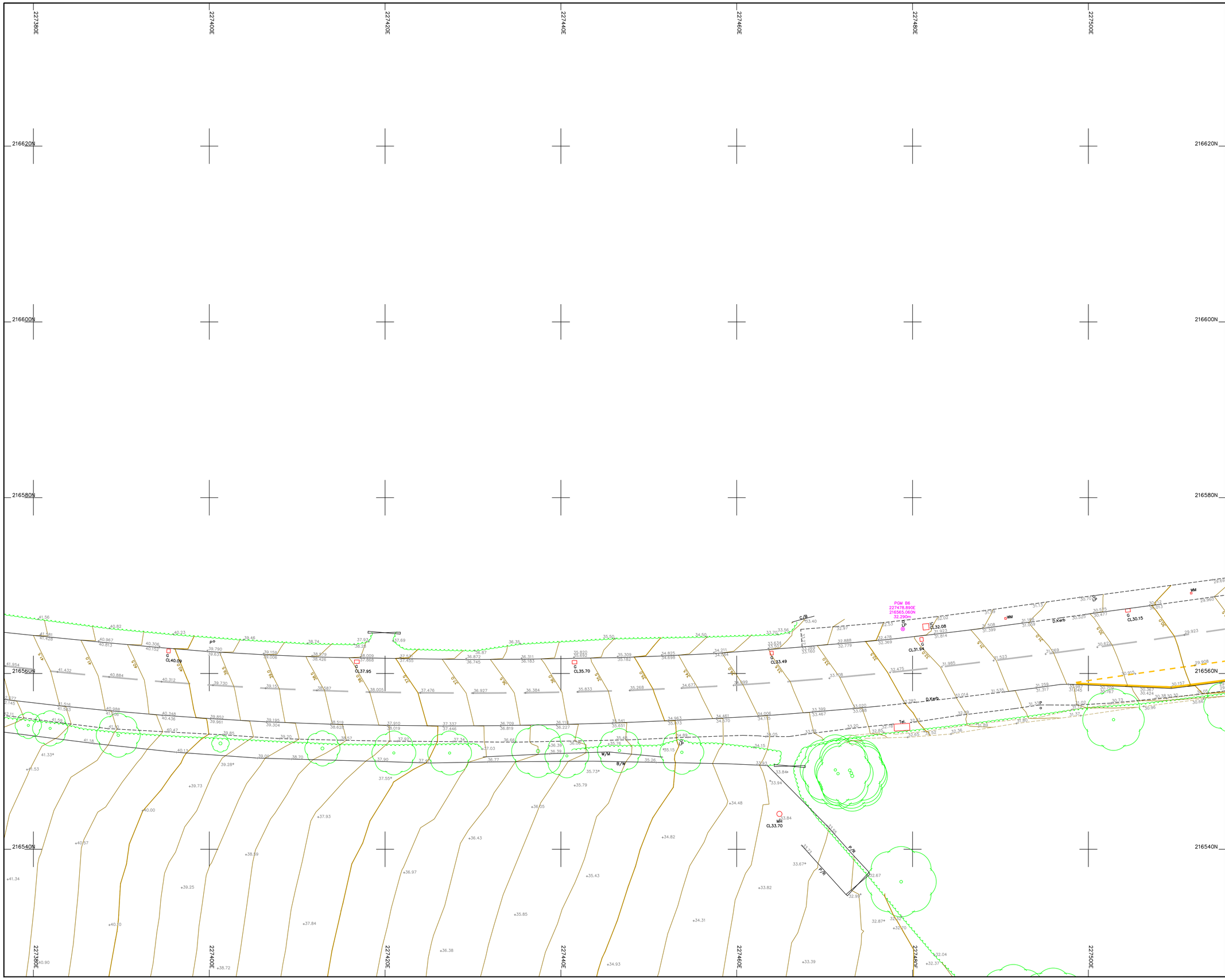
Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



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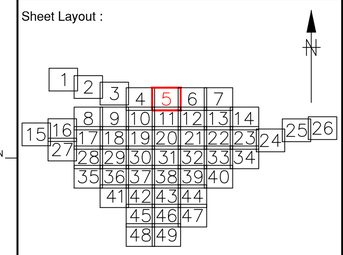
Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17

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Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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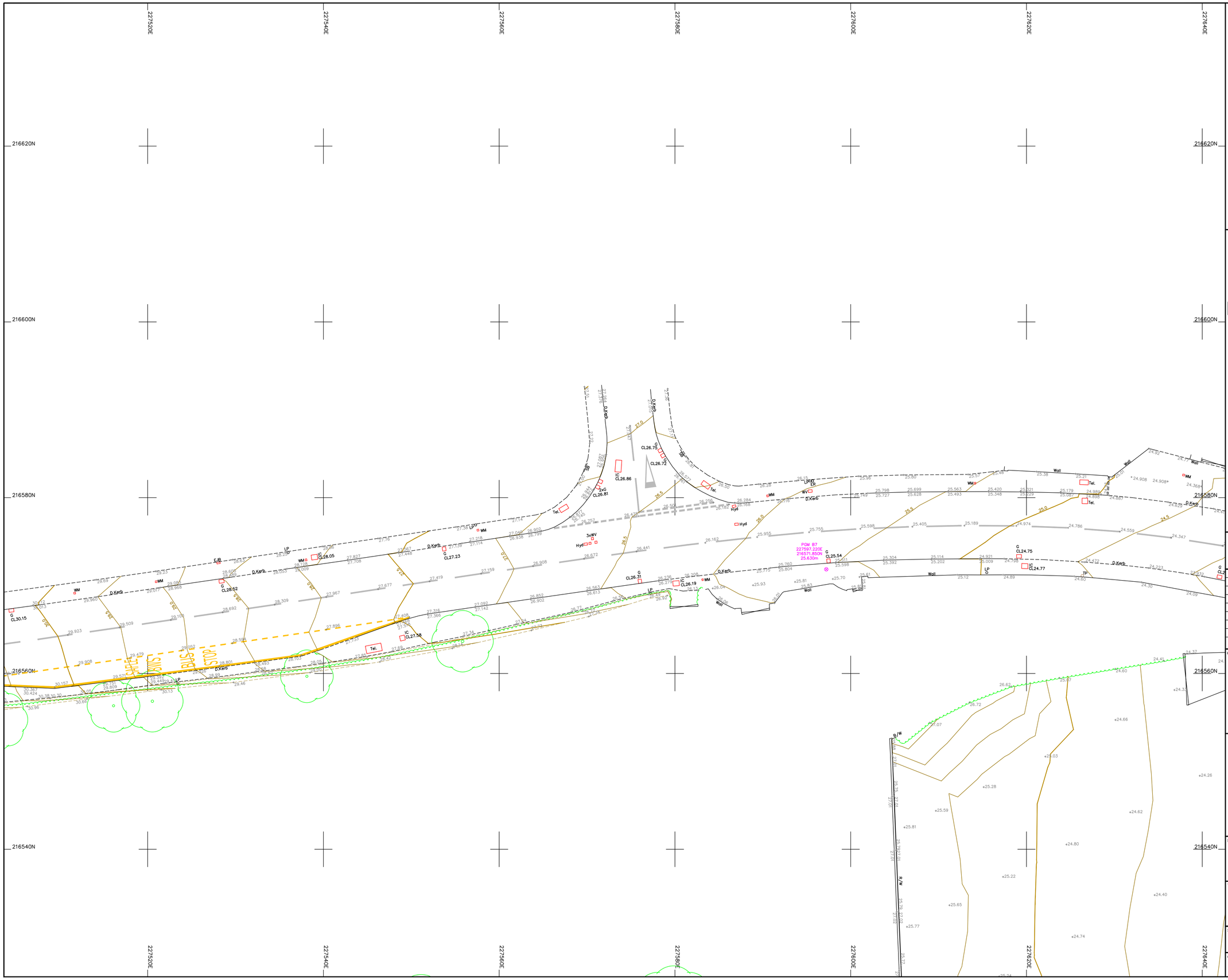
Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



Legend :

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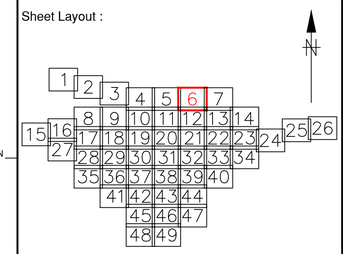
Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17
Sheet 6 of 49

Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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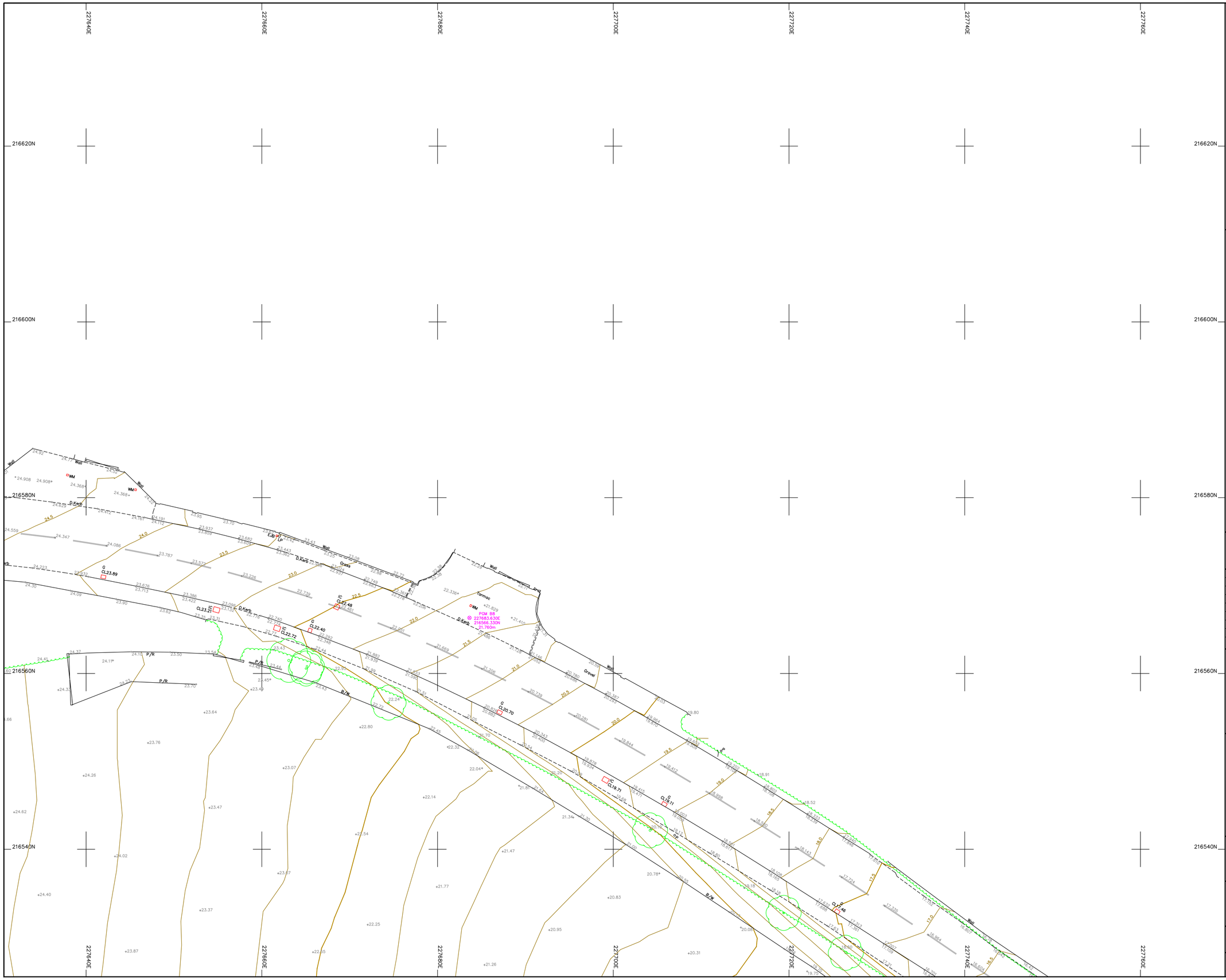
Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



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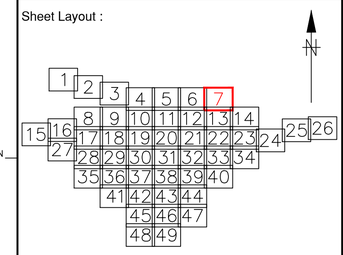

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CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
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Project

Carmarthenshire
Site 17

Sheet 7 of 49

Title

TOPOGRAPHIC SURVEY

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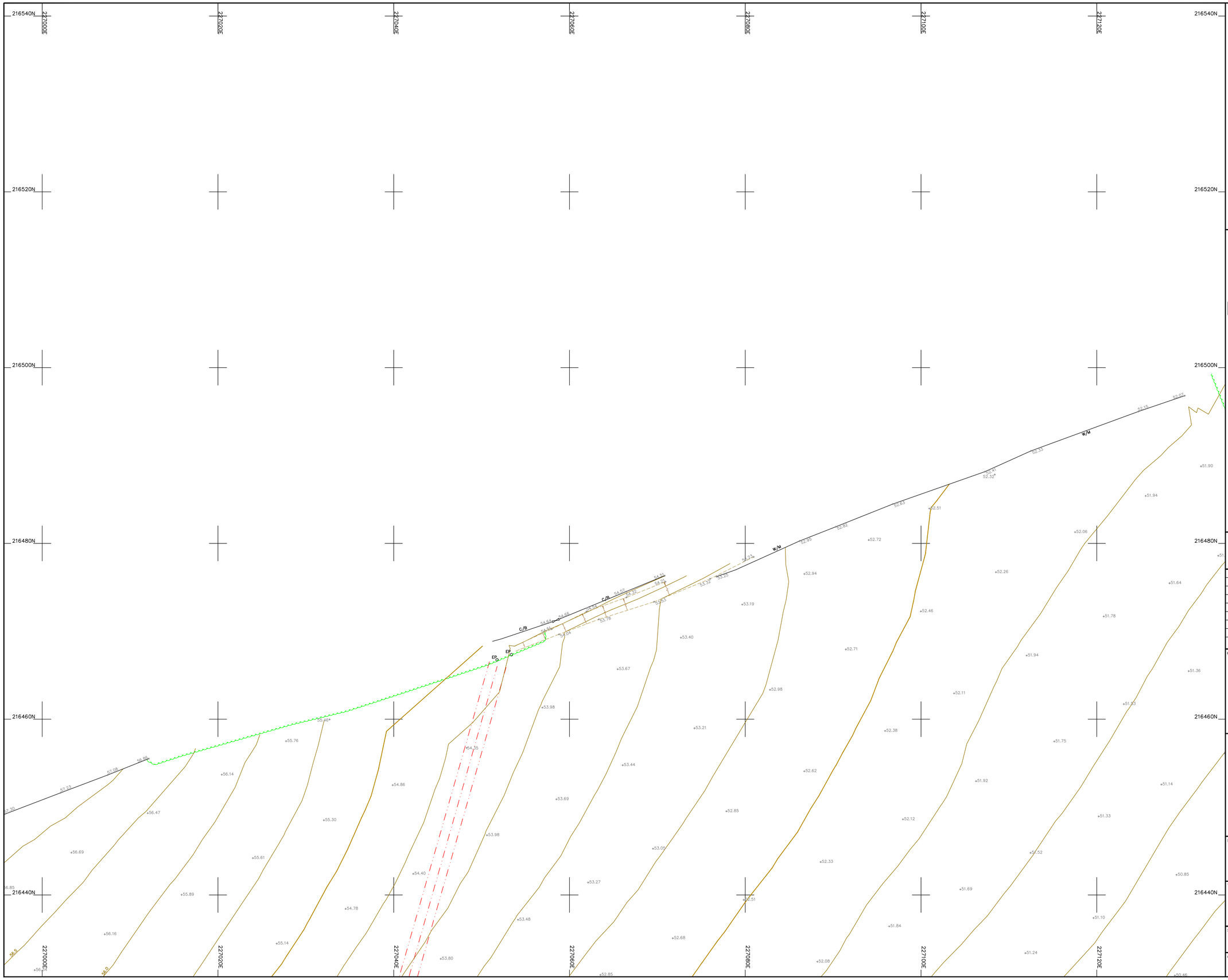
Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



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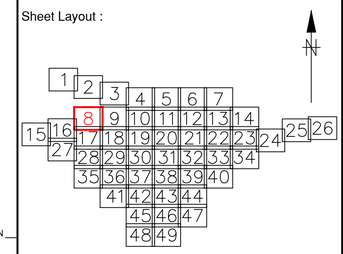

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CHERRY TREE HOUSE
CARMARTHEN ROAD
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Project

Carmarthenshire
Site 17
Sheet 8 of 49

Title

TOPOGRAPHIC SURVEY

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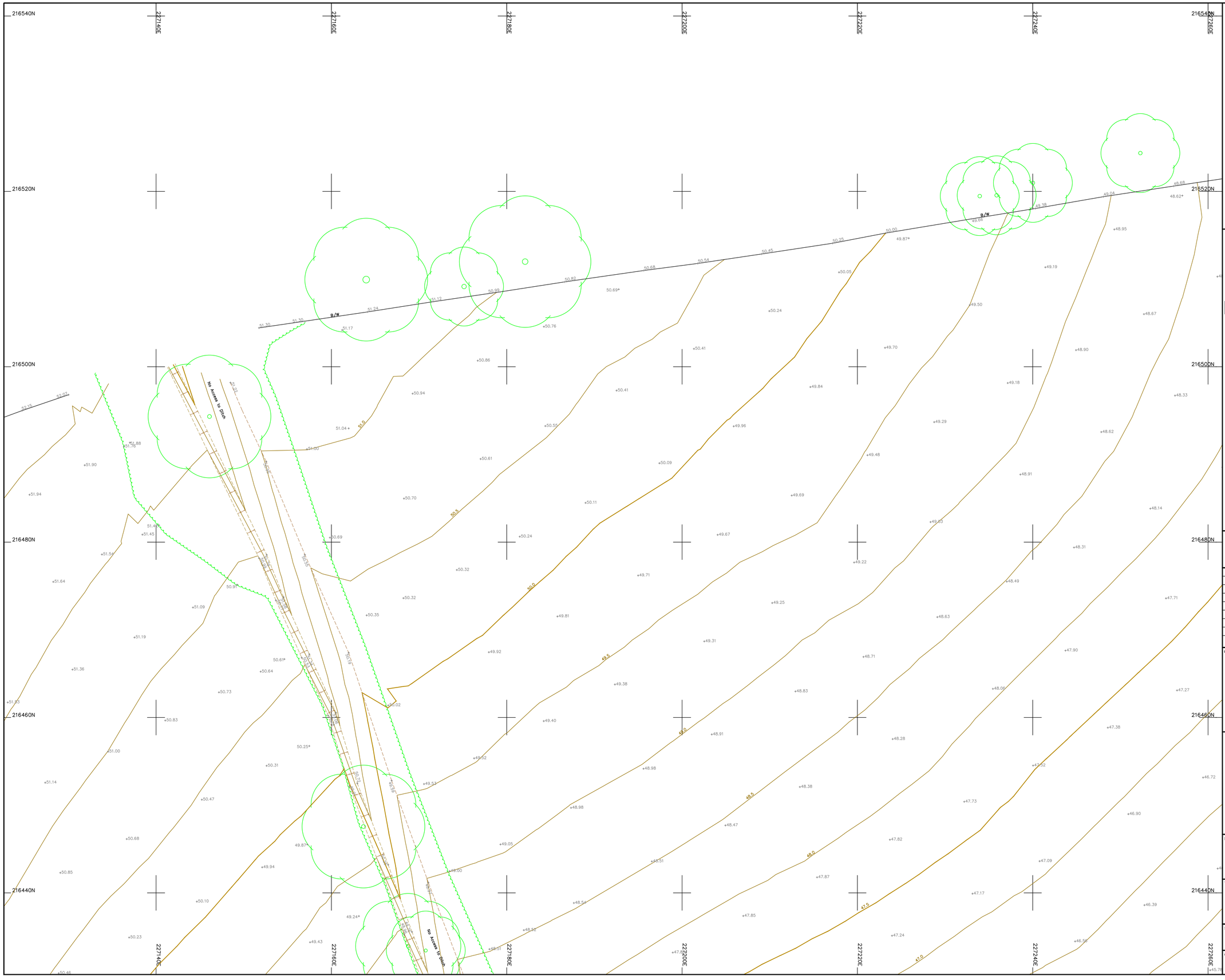
Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



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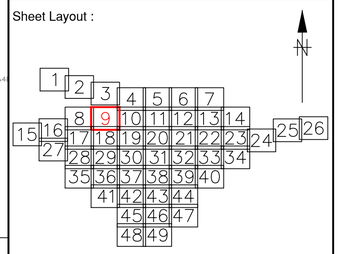

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Carmarthenshire
Site 17
Sheet 9 of 49

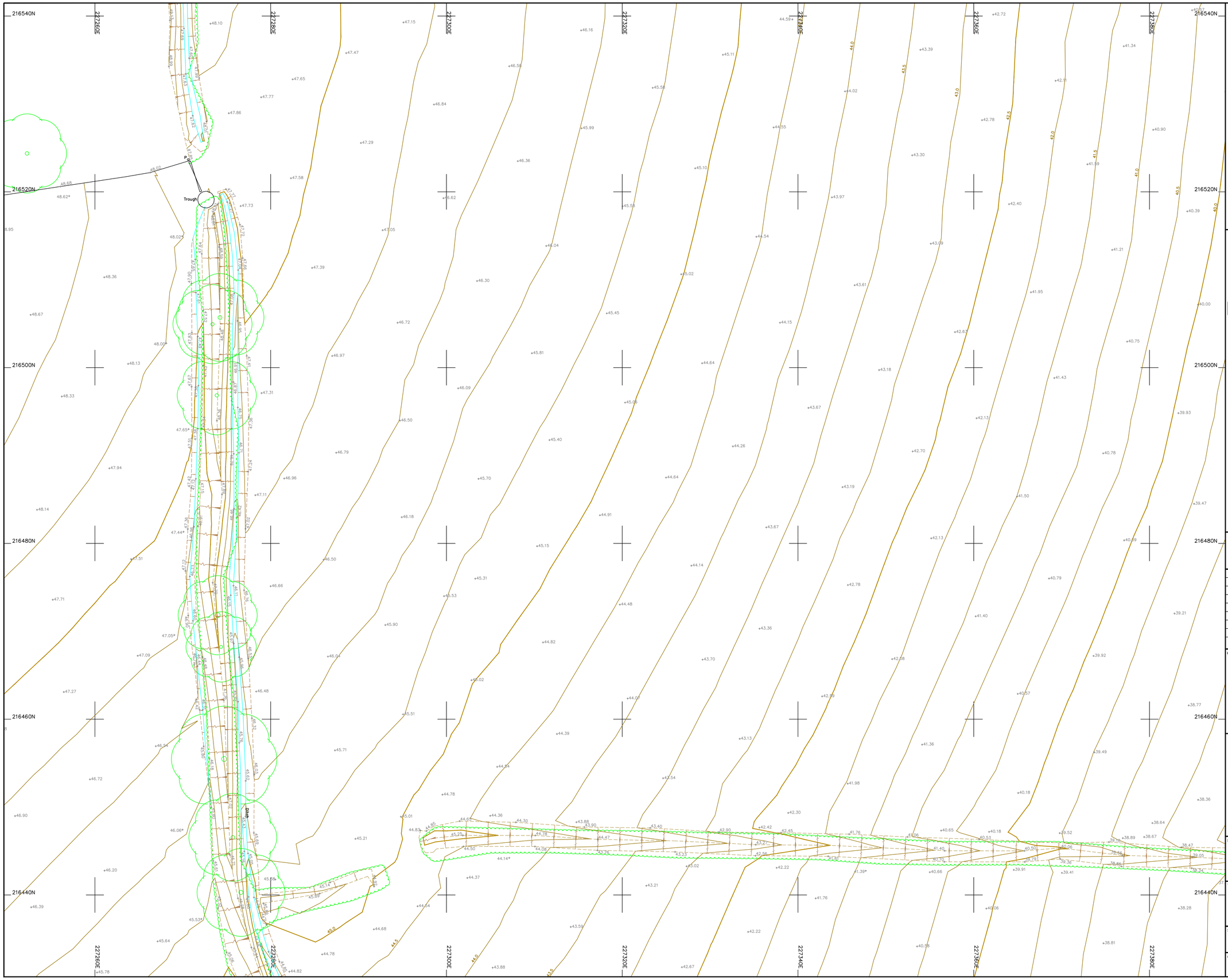
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
B	Bollard	MS	Mile Stone
CP	Catch Pit	Pal	Paling
C/P	Chestnut Paling	PM	Parking Meter
CE	Cleaning Eye	P	Post
C/B	Close Boarded	P/C	Post and Chain
C/I	Corrugated Iron	P/R	Post and Rail
Cul	Culvert	P/W	Post and Wire
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DL	Detector Loop	RP	Reflector Post
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ELIC	Electricity Service Cover	RS	Road Sign
FIG	Feeds Into Ground	SB	Sign Board
FS	Flag Staff	SP	Sign Post
GM	Gas Meter	SC	Stop Cock
GV	Gas Valve	TCB	Telephone Call Box
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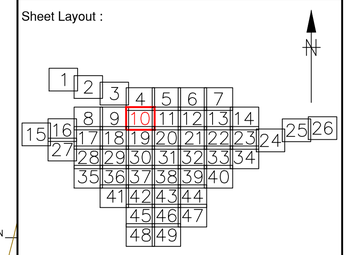
G	Gully	TS	Traffic Signal
Hyd	Hydrant	VP	Vent Pipe
I/R	Iron Railing	WM	Water Meter
IC	Inspection Cover	Tr	Water Trough
I/W	Interwoven	W/M	Wire Mesh Fence
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



Notes :

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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17
Sheet 10 of 49

Title

TOPOGRAPHIC SURVEY

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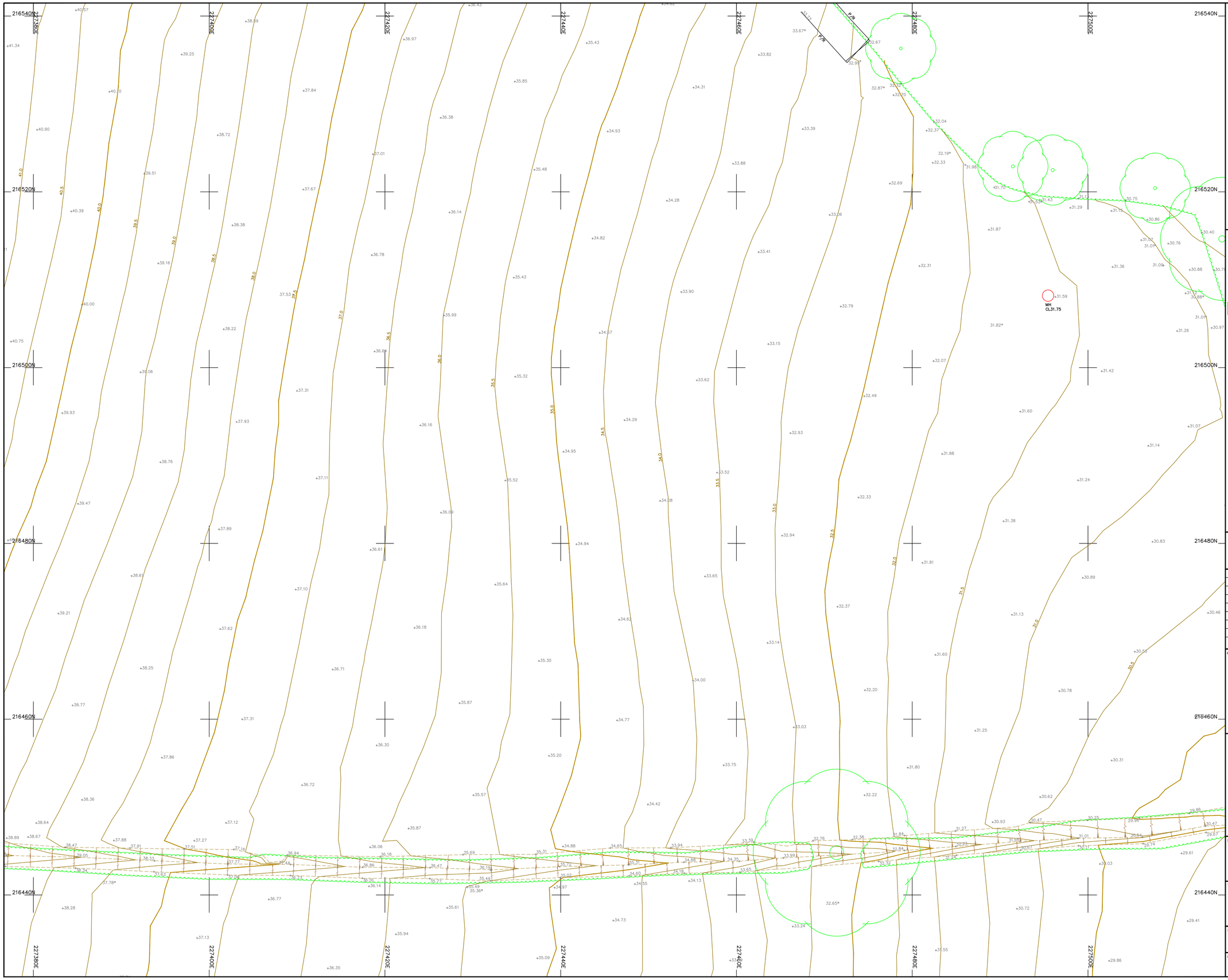

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Sheet Layout :

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Carmarthenshire
Site 17

Sheet 11 of 49

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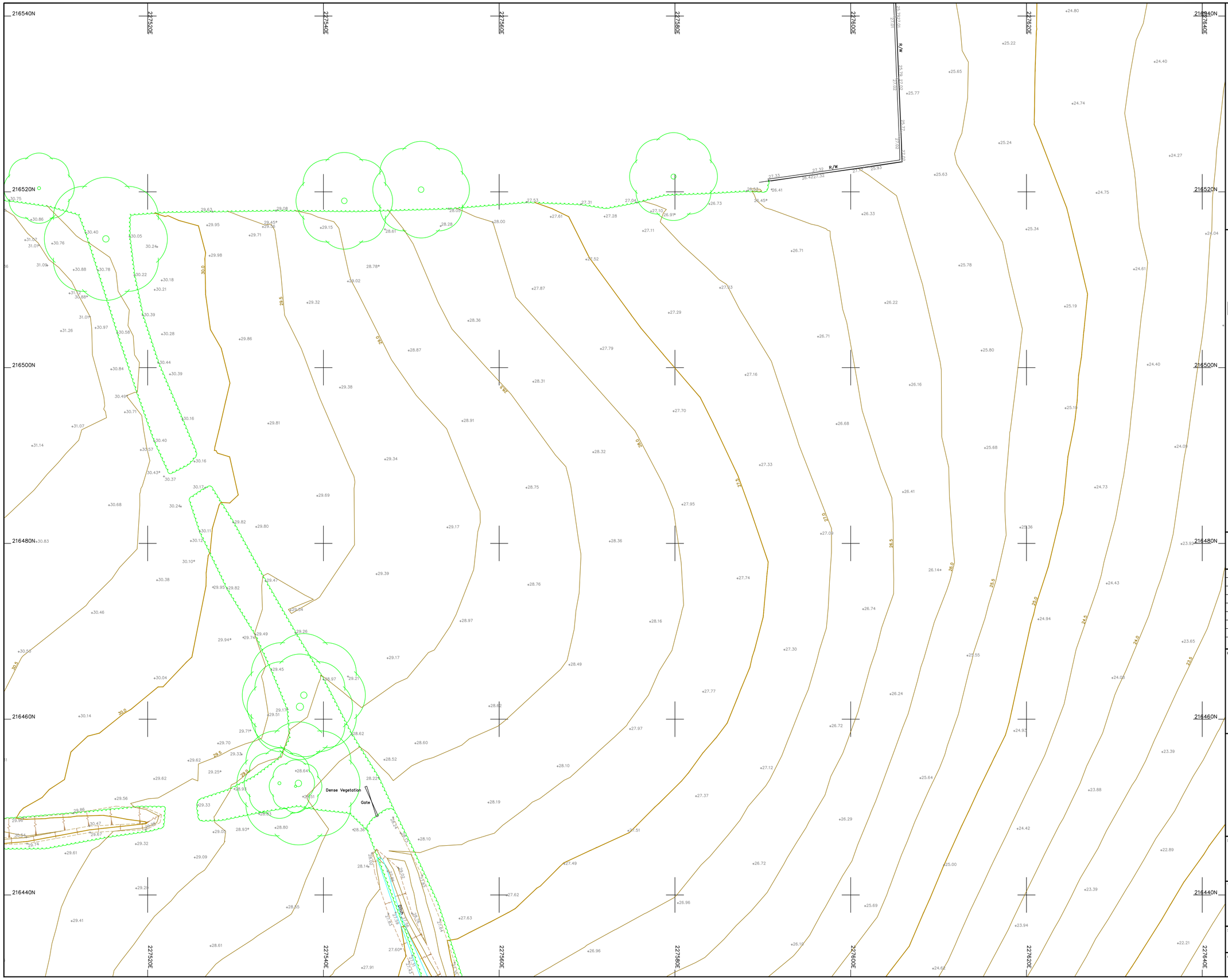

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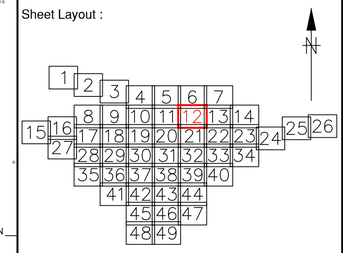

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CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
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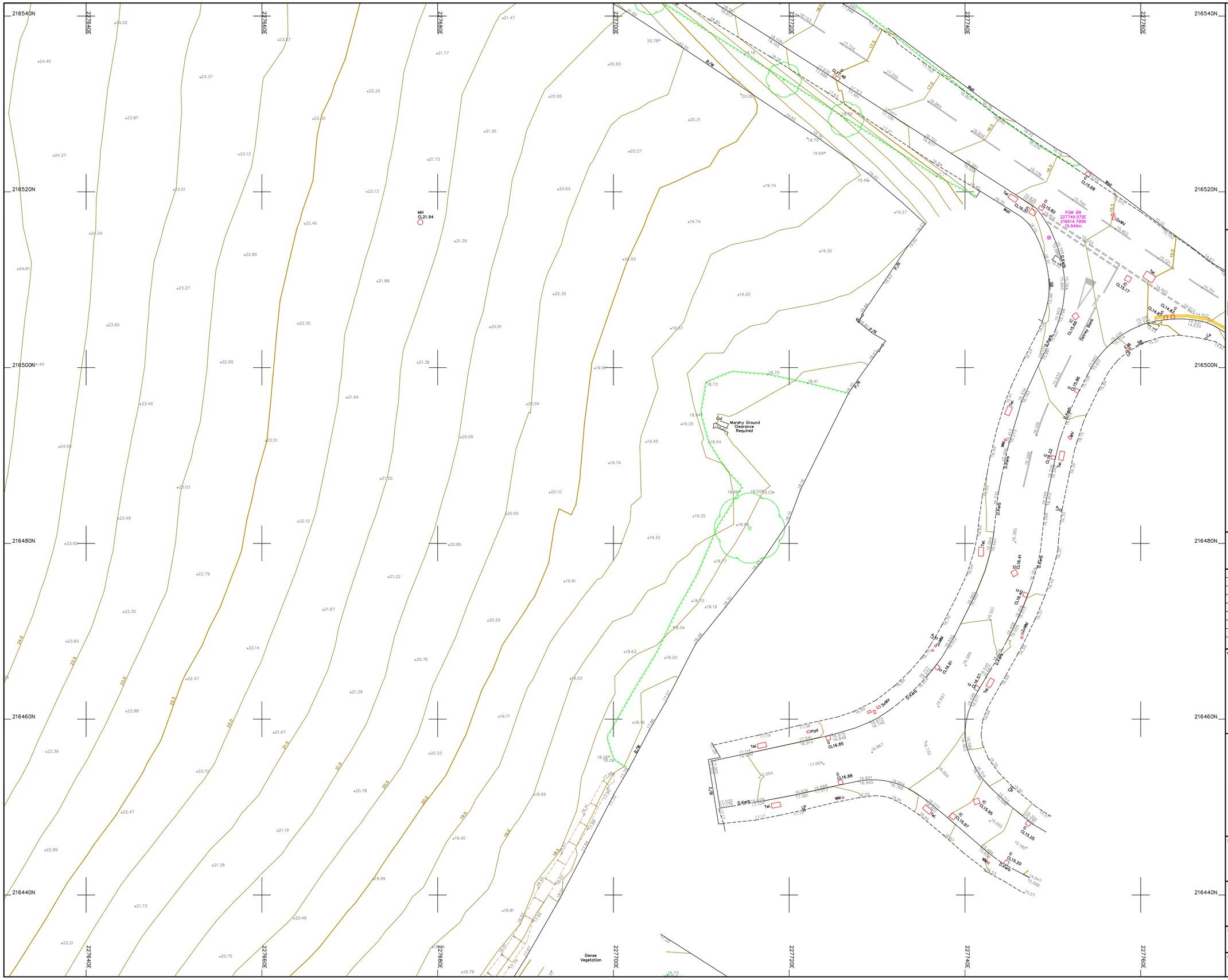

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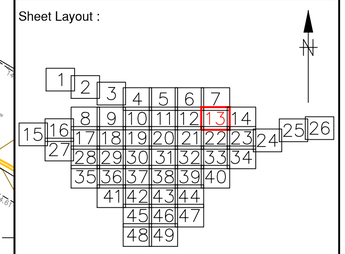

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CHERRY TREE HOUSE
CARMARTHEN ROAD
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Carmarthenshire
Site 17
Sheet 13 of 49

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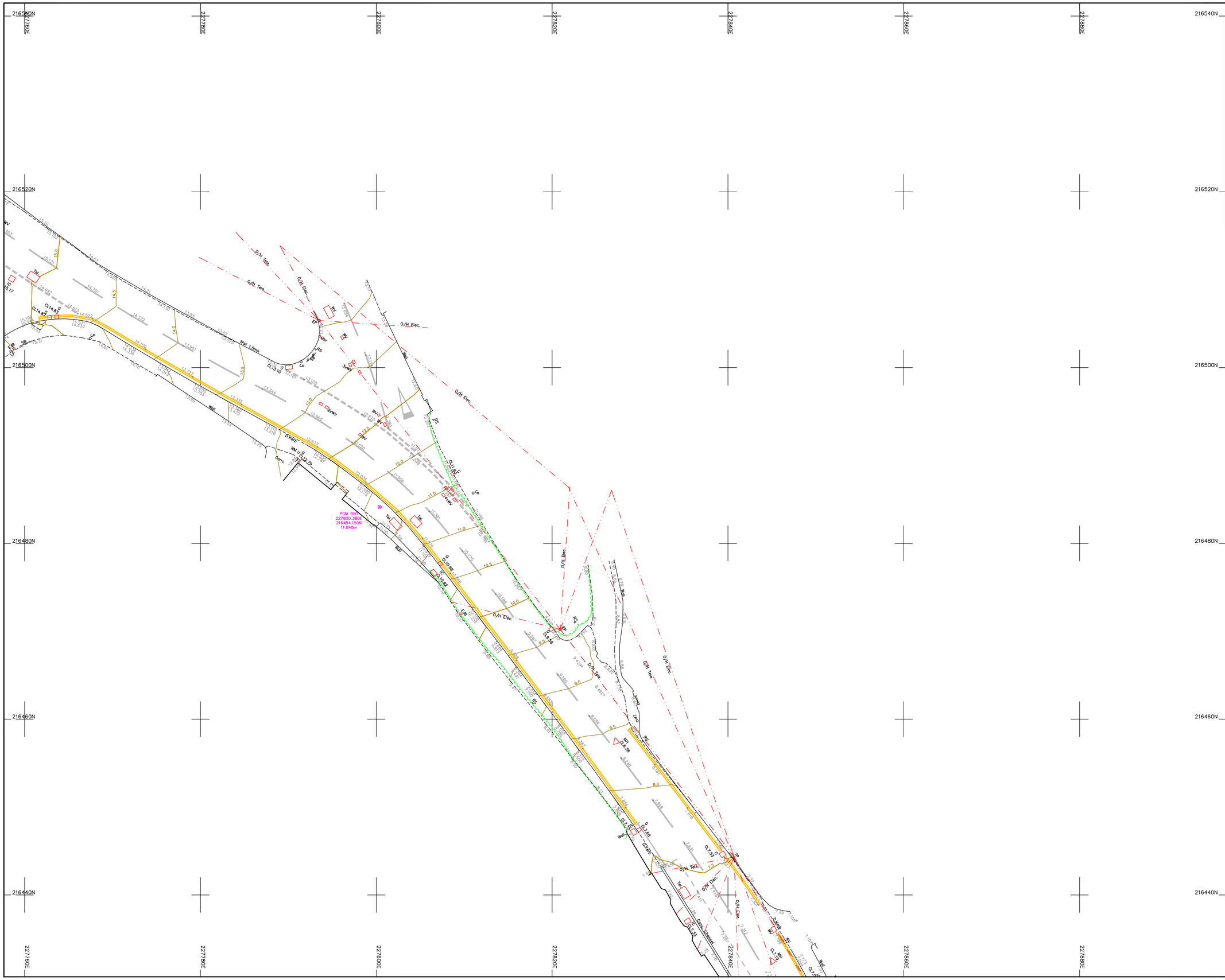

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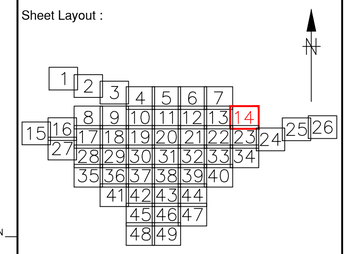

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CARMARTHEN ROAD
SWANSEA
SA1 1HE
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Project

Carmarthenshire
Site 17

Sheet 14 of 49

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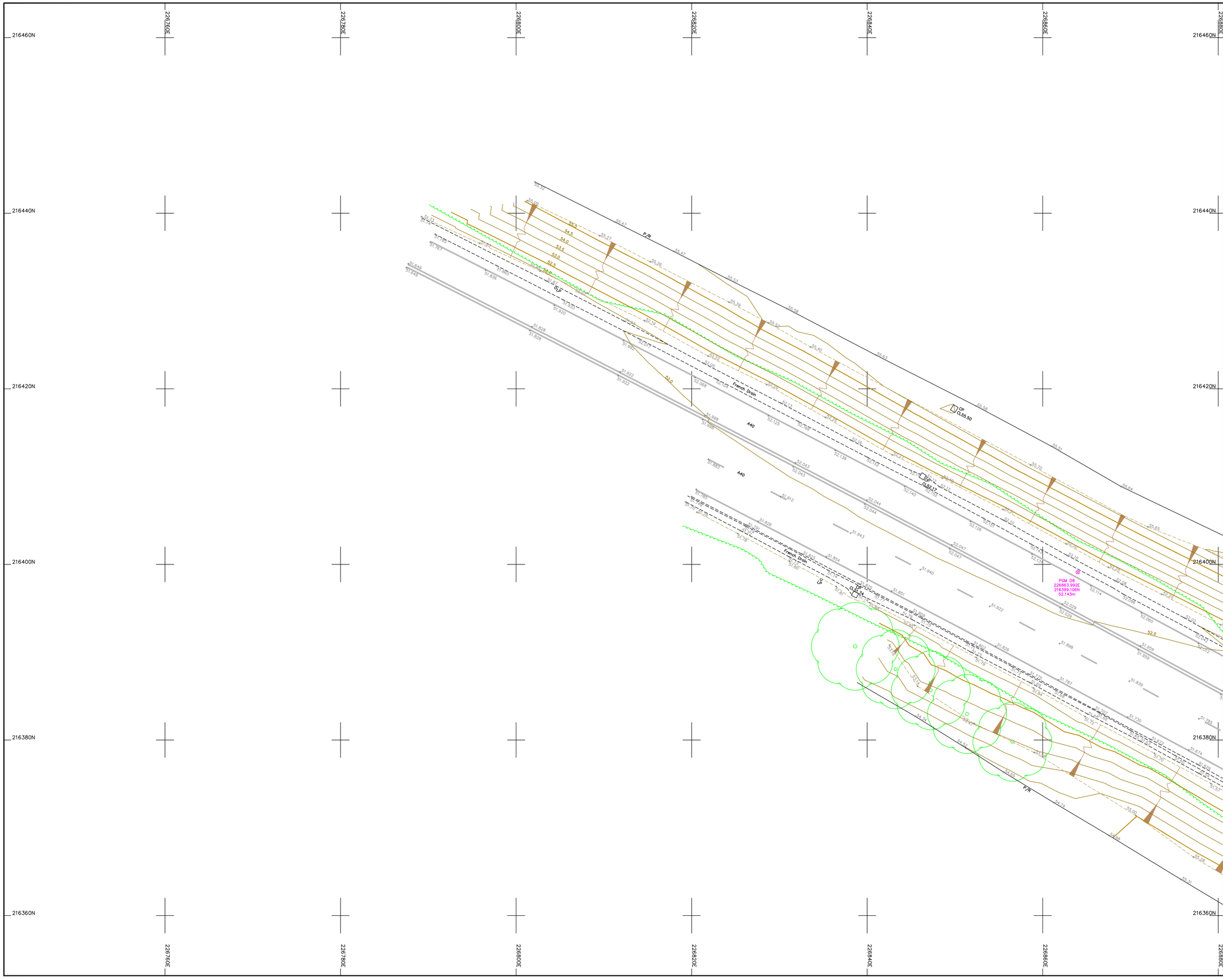

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Carmarthenshire
Site 17

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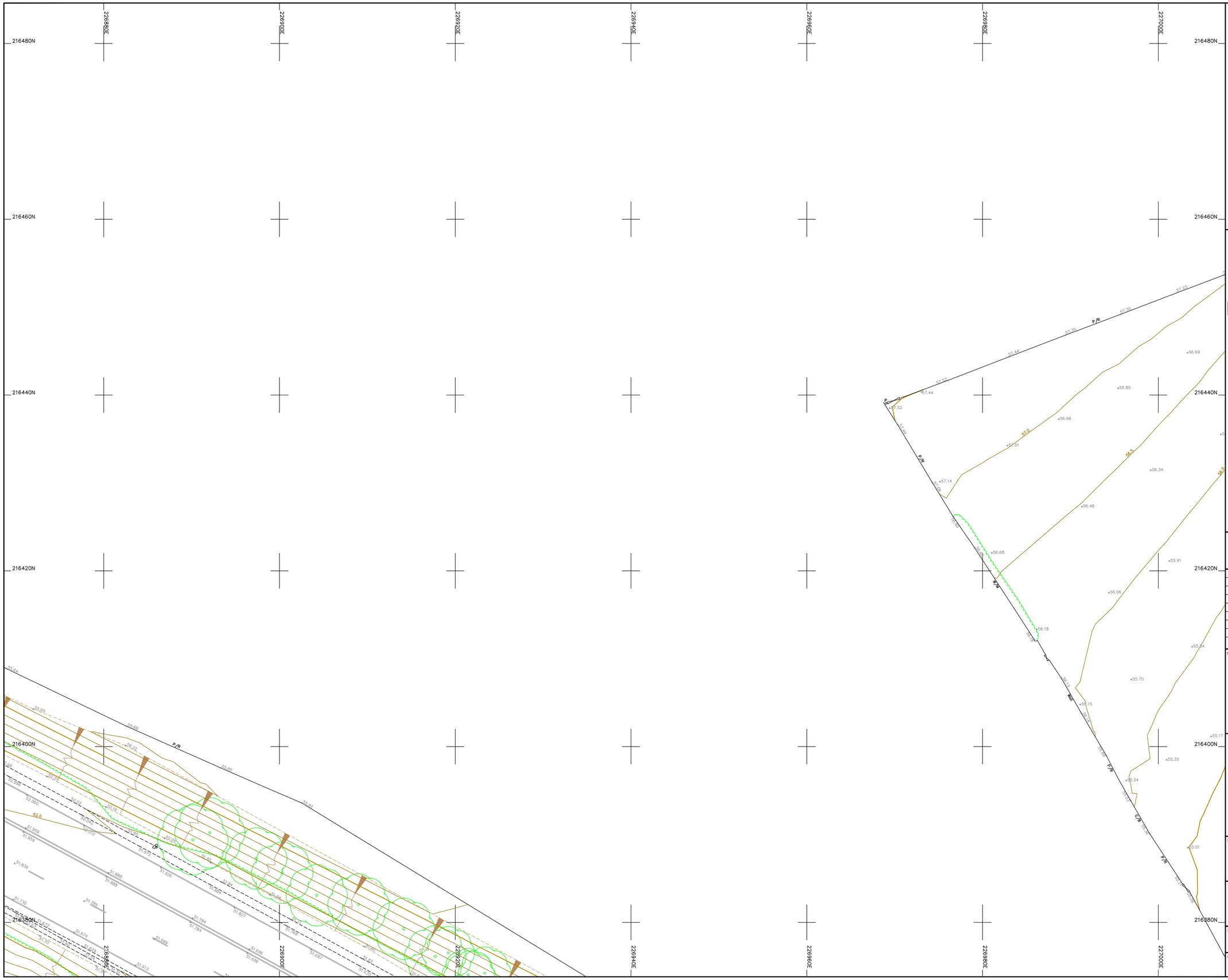

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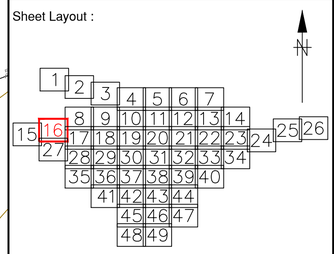

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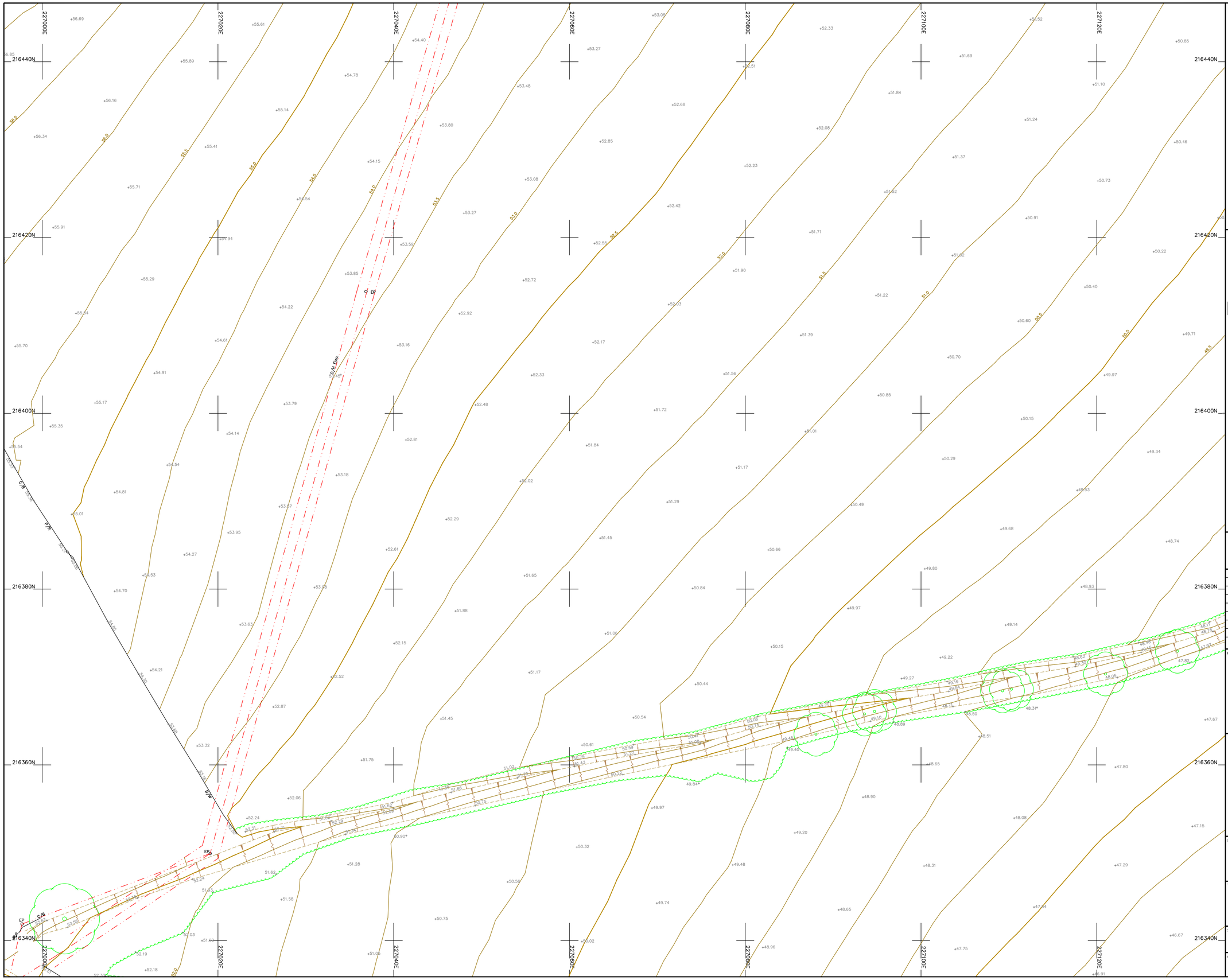

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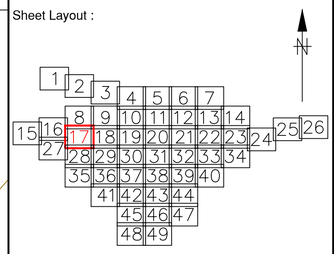

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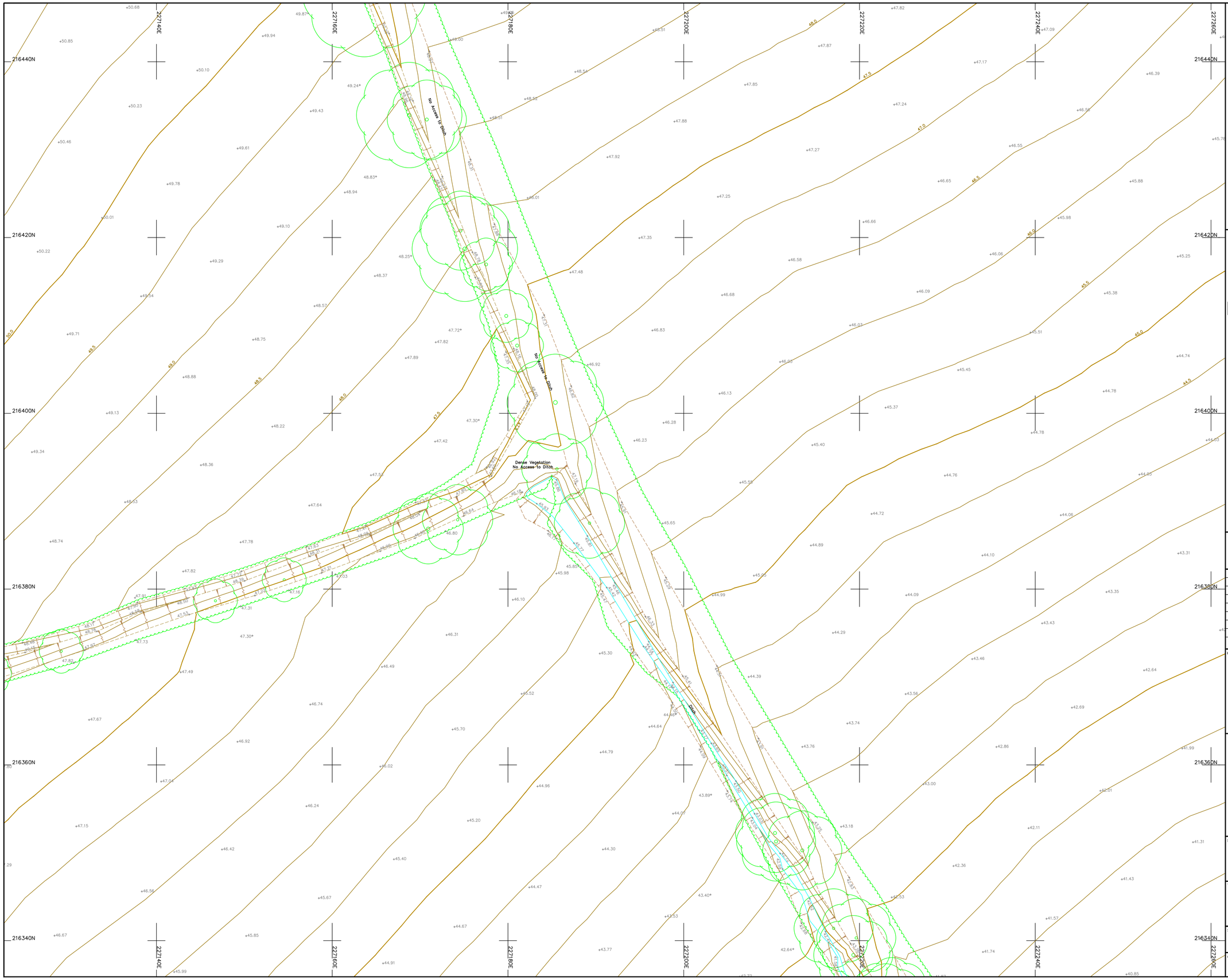

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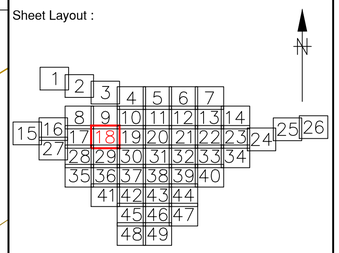

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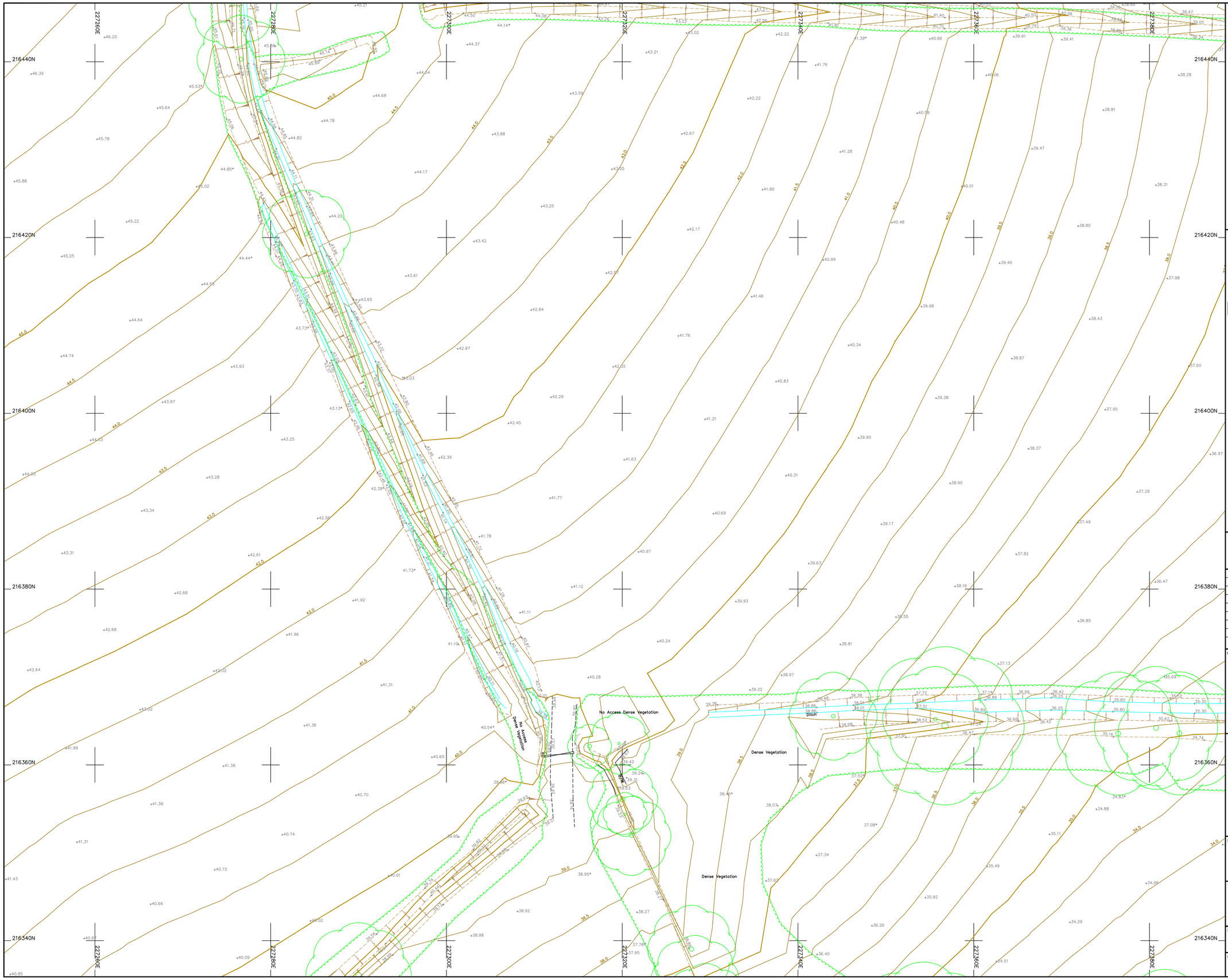

Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
B	Bollard	MS	Mile Stone
CP	Catch Pit	Pal	Paling
C/P	Chestnut Paling	PM	Parking Meter
CE	Cleaning Eye	P	Post
C/B	Close Boarded	P/C	Post and Chain
C/I	Corrugated Iron	P/R	Post and Rail
Cul	Culvert	P/W	Post and Wire
DP	Drain Pipe	RWP	Rain Water Pipe
DL	Detector Loop	RP	Reflector Post
EJB	Electricity Junction Box	R/W	Retaining Wall
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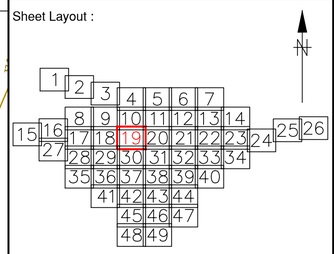
ELIC	Electricity Service Cover	RS	Road Sign
FIG	Feeds Into Ground	SB	Sign Board
FS	Flag Staff	SP	Sign Post
GM	Gas Meter	SC	Stop Cock
GV	Gas Valve	TCB	Telephone Call Box
GP	Gate Post	TP	Telephone Pole
G	Gully	TS	Traffic Signal
Hyd	Hydrant	VP	Vent Pipe
I/R	Iron Railing	WM	Water Meter
IC	Inspection Cover	Tr	Water Trough
I/W	Interwoven	W/M	Wire Mesh Fence
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17

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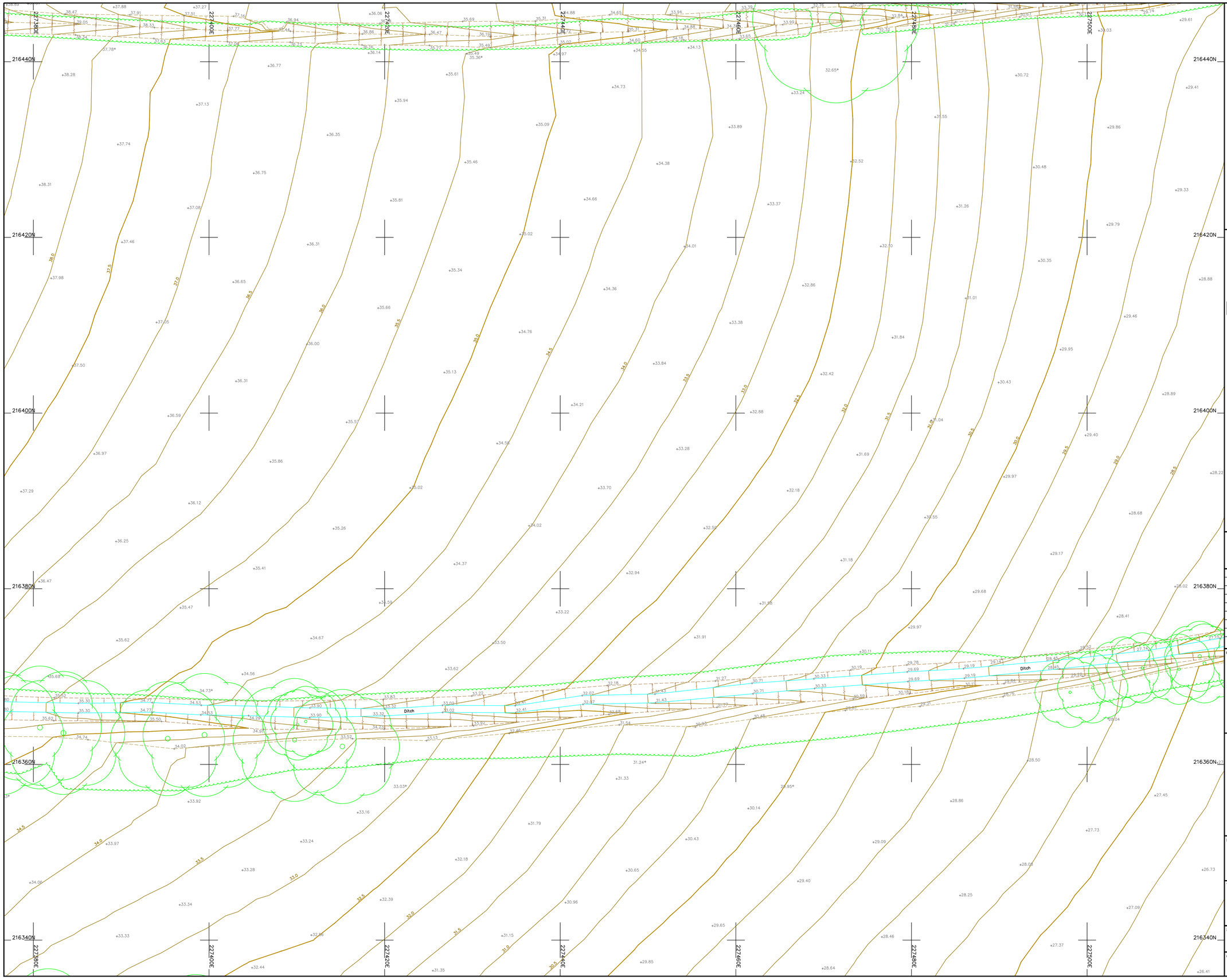
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



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Permanent Ground Marker ⊗

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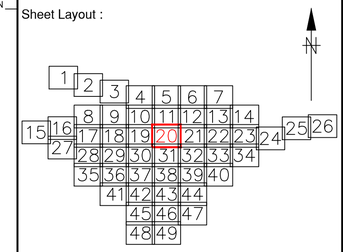
Sheet Layout :



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CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
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Project

Carmarthenshire
Site 17
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Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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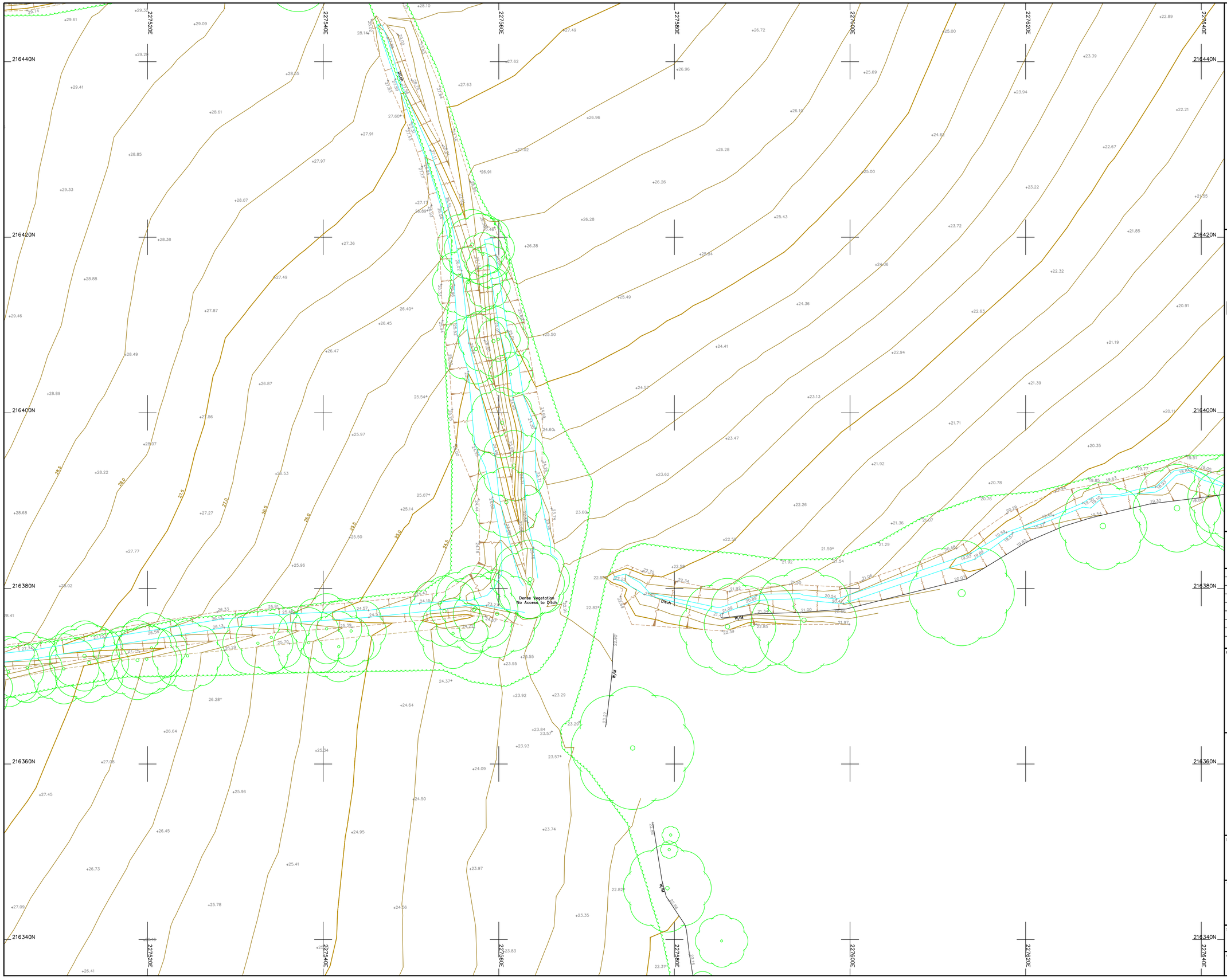
Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



Legend :

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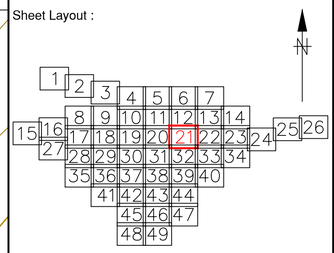
Sheet Layout :



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CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
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Site 17

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Title

TOPOGRAPHIC SURVEY

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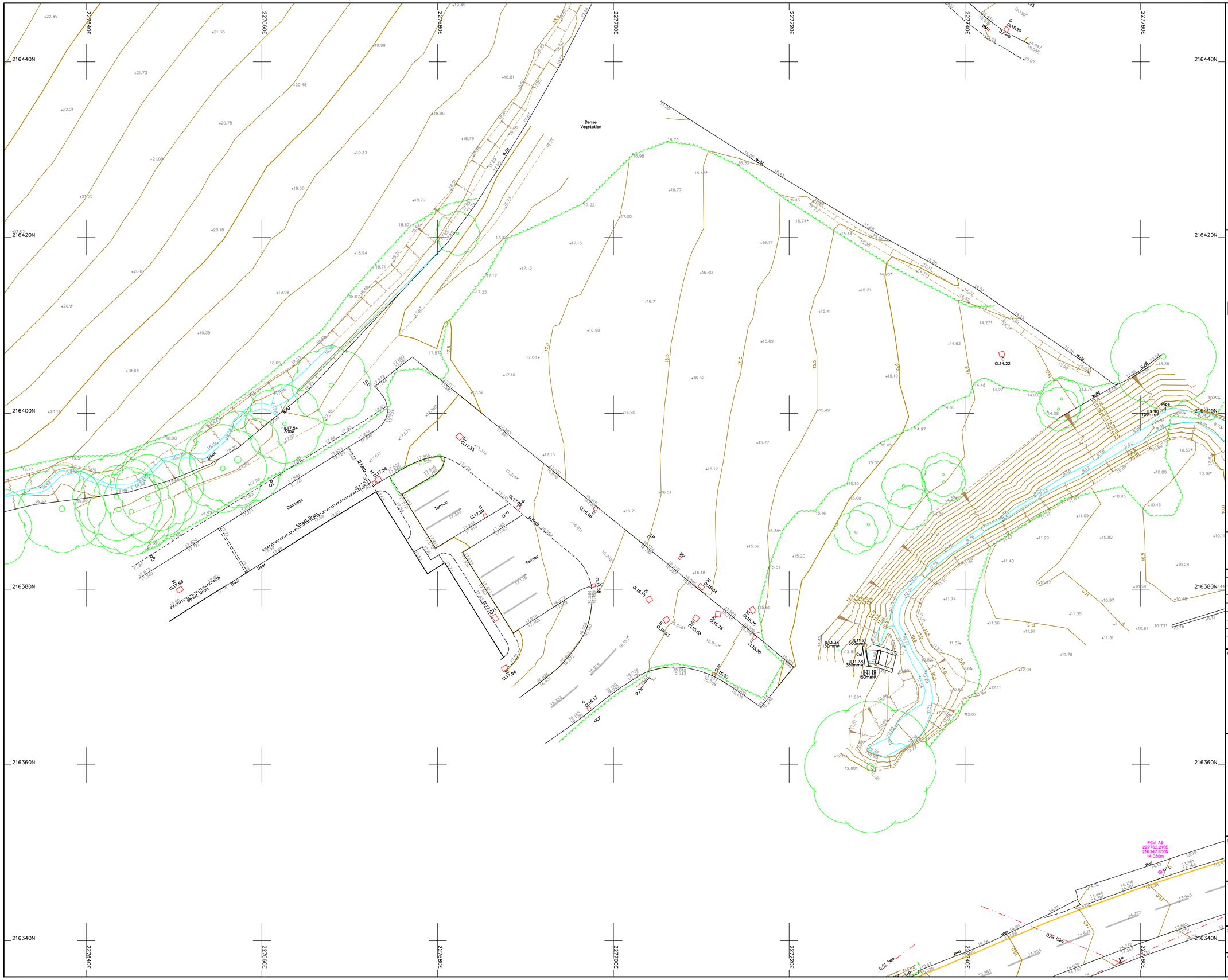

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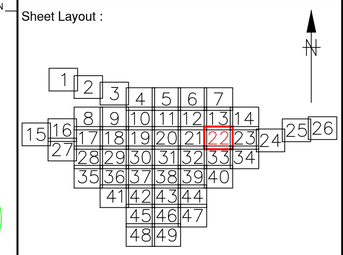
Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
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Site 17
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Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001

Legend :

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B/W	Barbed Wire	MH	Manhole
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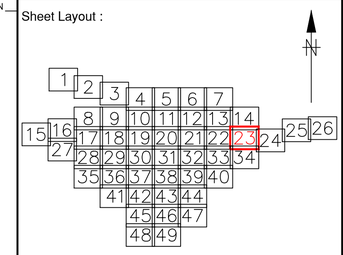
Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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CHERRY TREE HOUSE
CARMARTHEN ROAD
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Site 17
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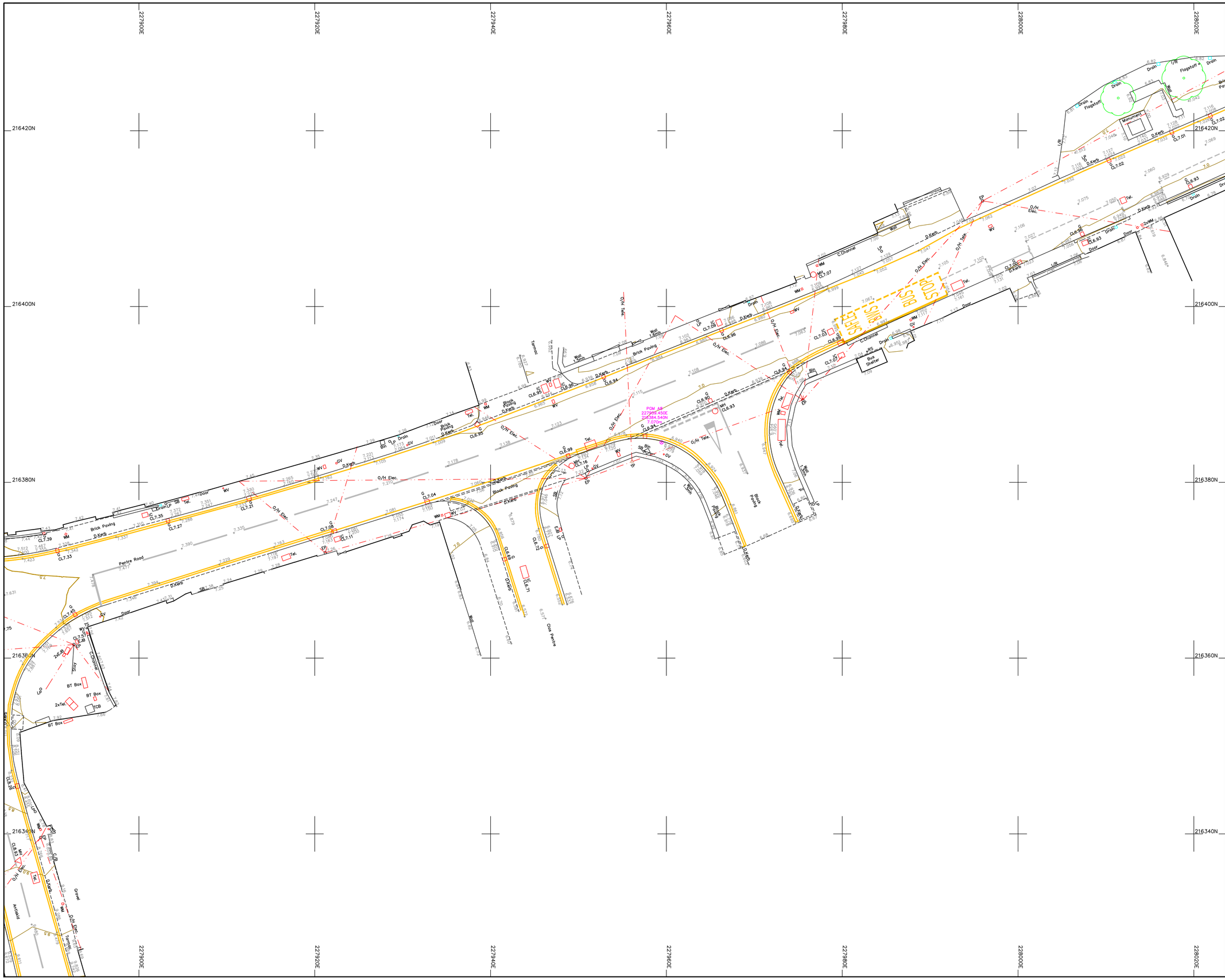

Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

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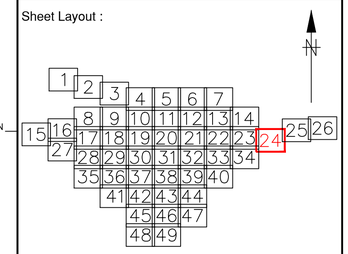

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CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17

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Title

TOPOGRAPHIC SURVEY

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Cad File Name:

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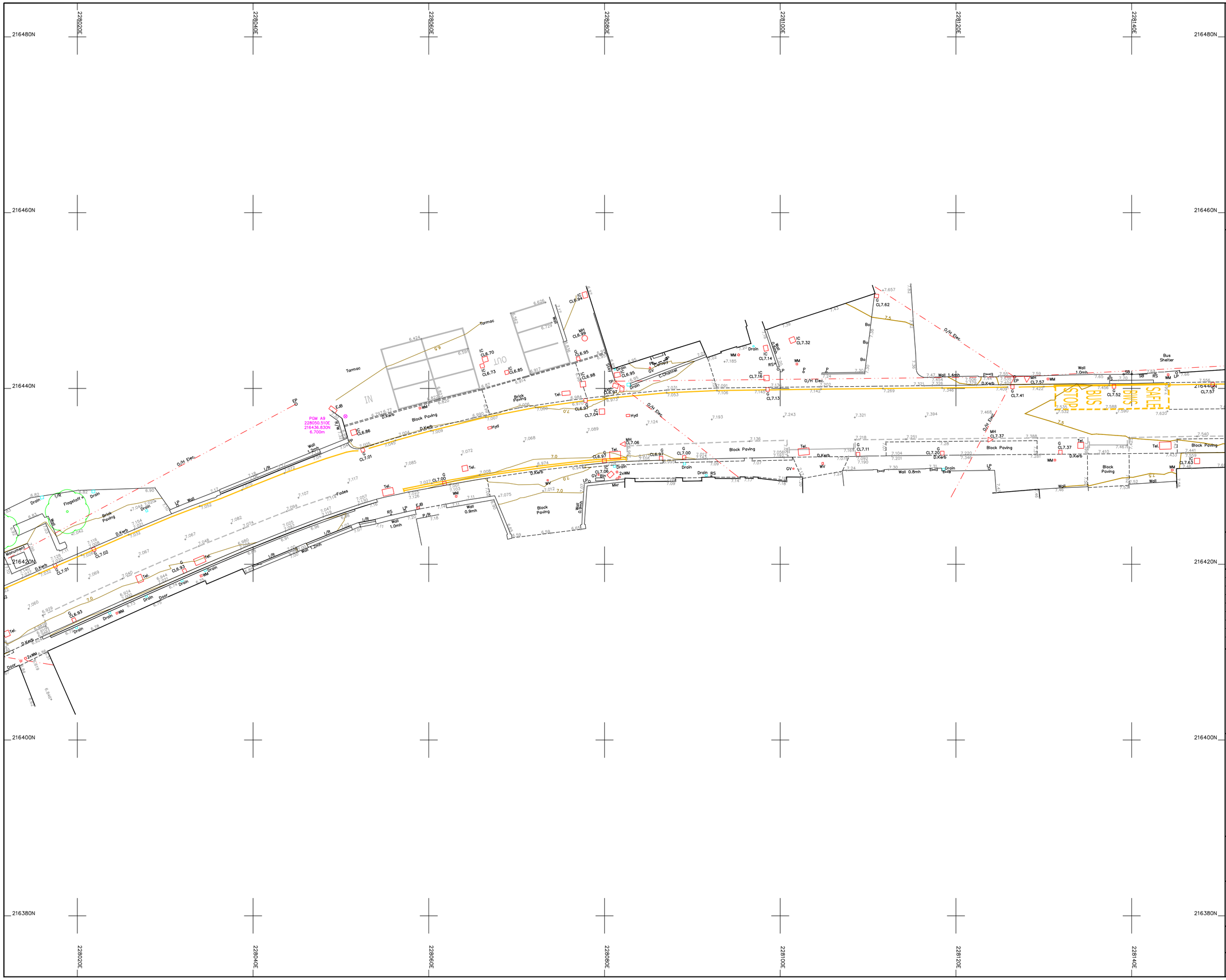

Legend :

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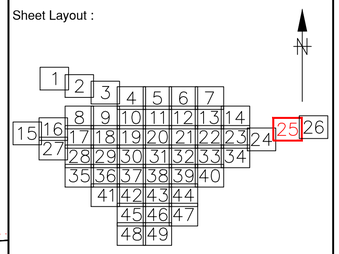
Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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Carmarthenshire
Site 17

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TOPOGRAPHIC SURVEY

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Cad File Name:

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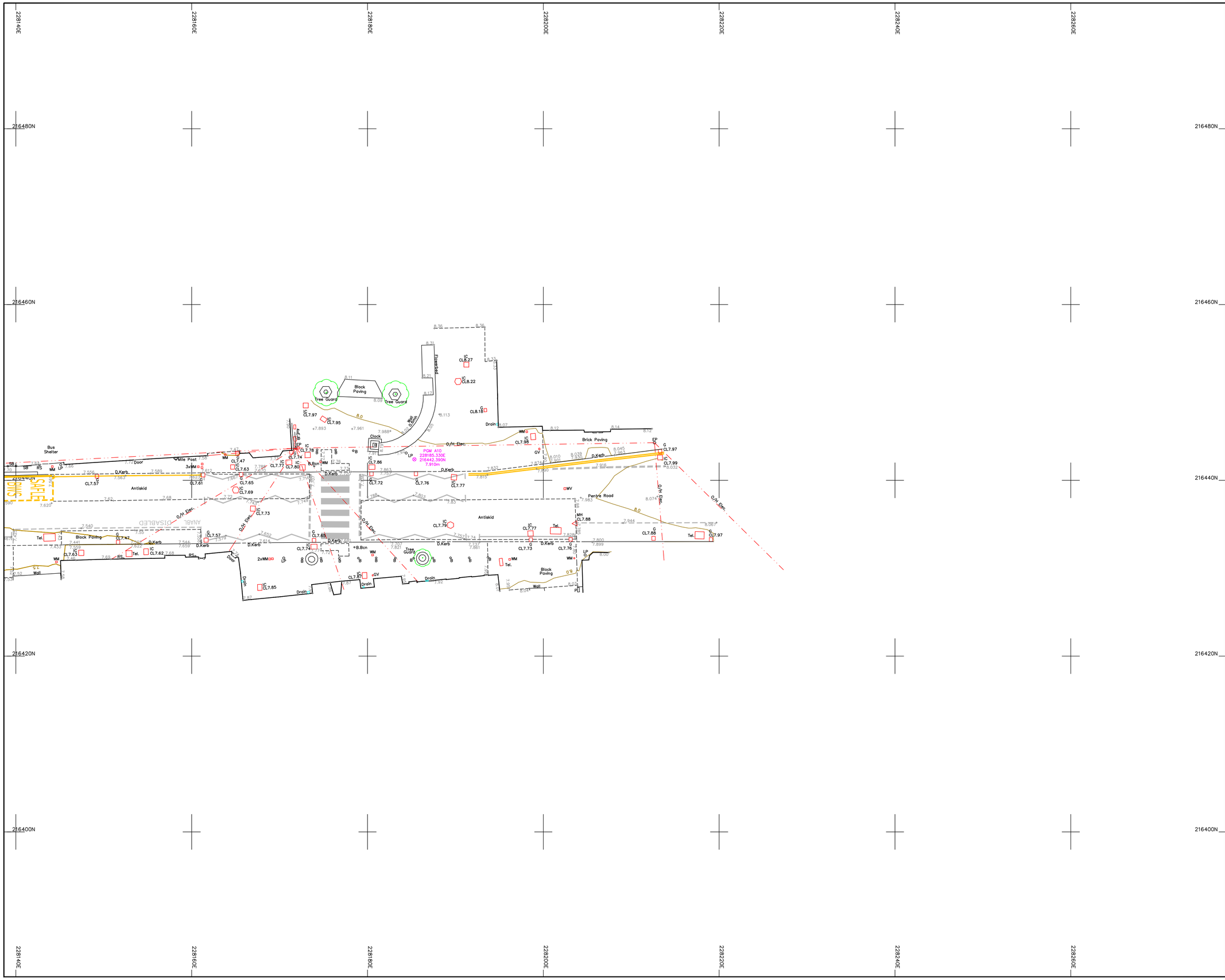

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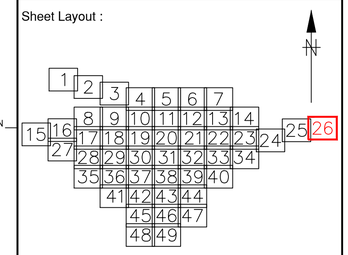

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Site 17

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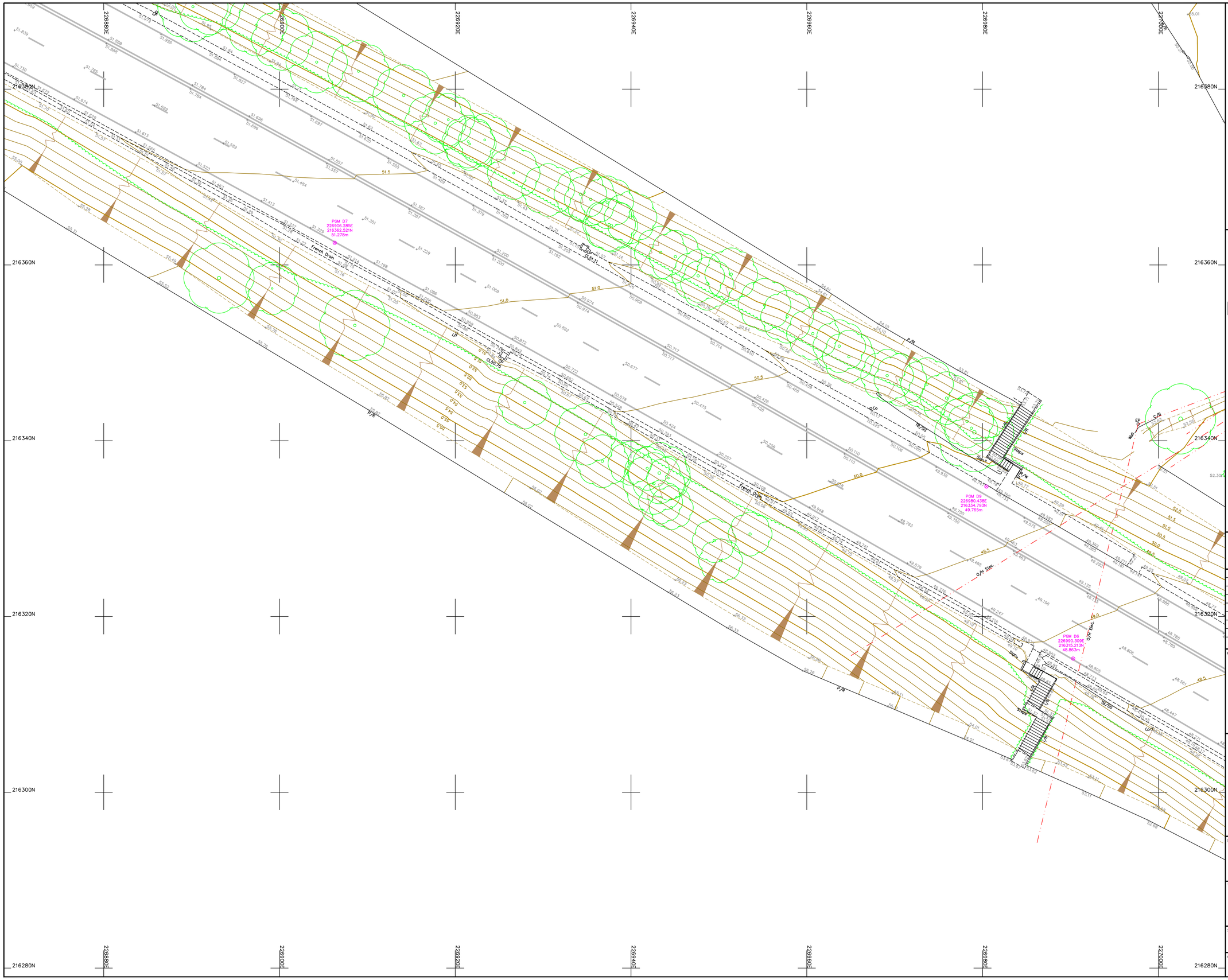

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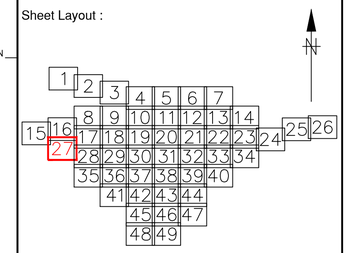

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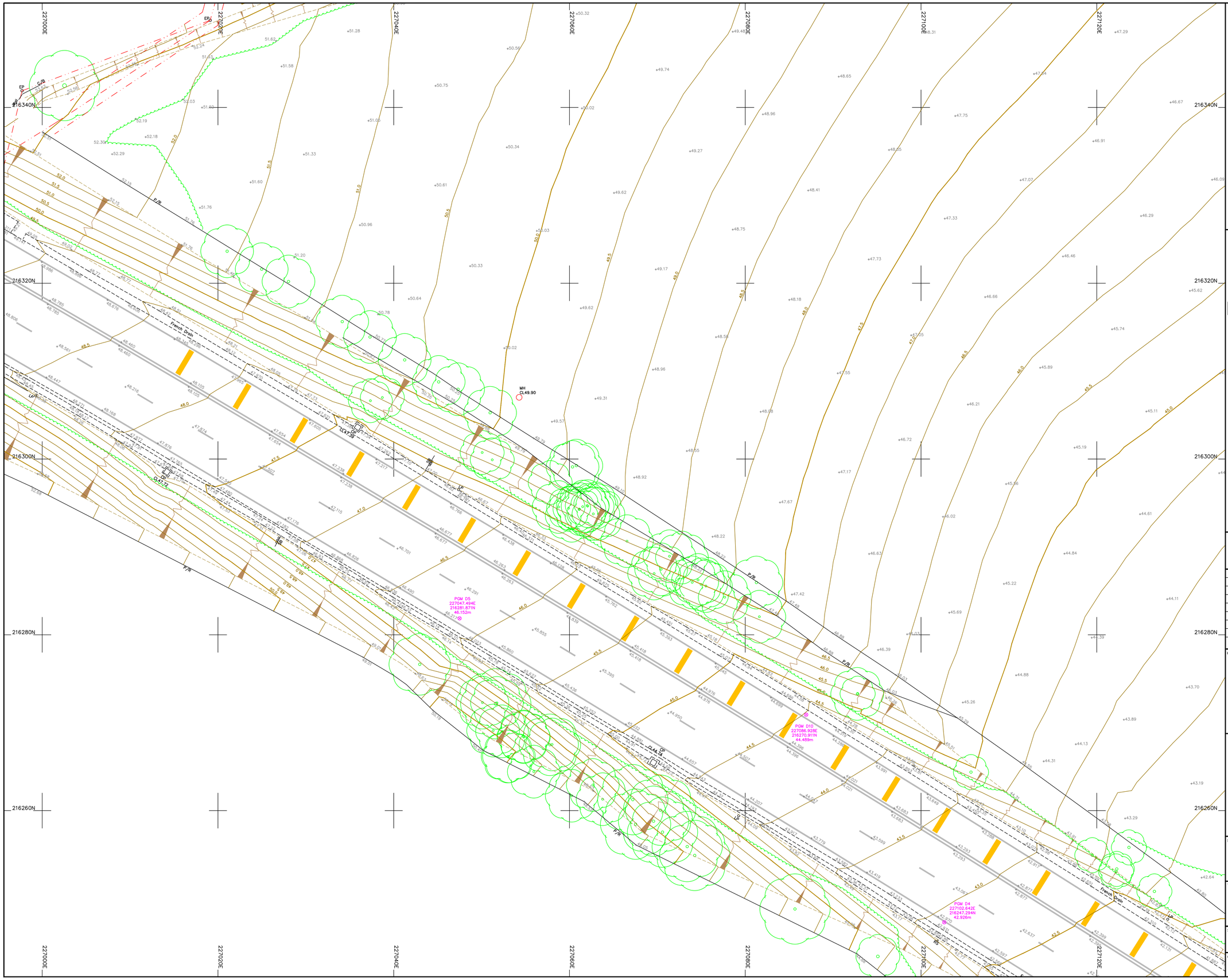
Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



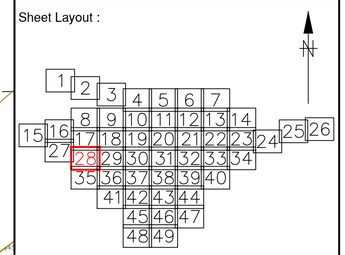
Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
B	Bollard	MS	Mile Stone
CP	Catch Pit	Pal	Paling
C/P	Chestnut Paling	PM	Parking Meter
CE	Cleaning Eye	P	Post
C/B	Close Boarded	P/C	Post and Chain
C/I	Corrugated Iron	P/R	Post and Rail
Cul	Culvert	P/W	Post and Wire
DP	Drain Pipe	RWP	Rain Water Pipe
DL	Detector Loop	RP	Reflector Post
EJB	Electricity Junction Box	R/W	Retaining Wall
EP	Electricity Pole	RG	Road Gully
ELIC	Electricity Service Cover	RS	Road Sign
FIG	Feeds Into Ground	SB	Sign Board
FS	Flag Staff	SP	Sign Post
GM	Gas Meter	SC	Stop Cock
GV	Gas Valve	TCB	Telephone Call Box
GP	Gate Post	TP	Telephone Pole
G	Gully	TS	Traffic Signal
Hyd	Hydrant	VP	Vent Pipe
I/R	Iron Railing	WM	Water Meter
IC	Inspection Cover	Tr	Water Trough
I/W	Interwoven	W/M	Wire Mesh Fence
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/05/23	SRD

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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17

Sheet 28 of 49

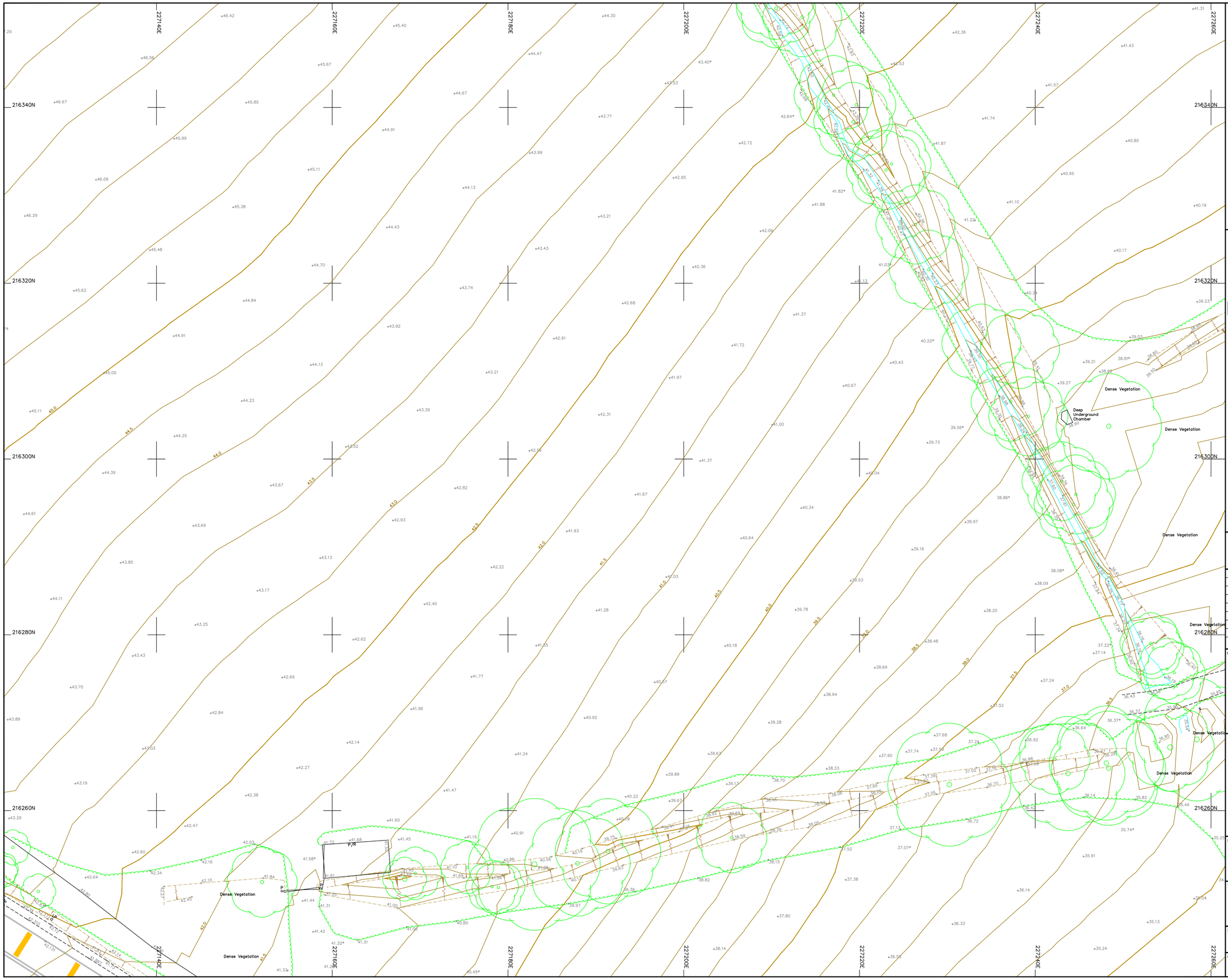
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



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Permanent Ground Marker ⊗

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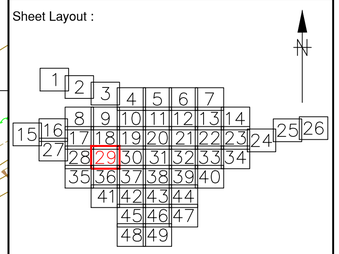
Sheet Layout :



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Carmarthenshire
Site 17
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Title

TOPOGRAPHIC SURVEY

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Cad File Name:

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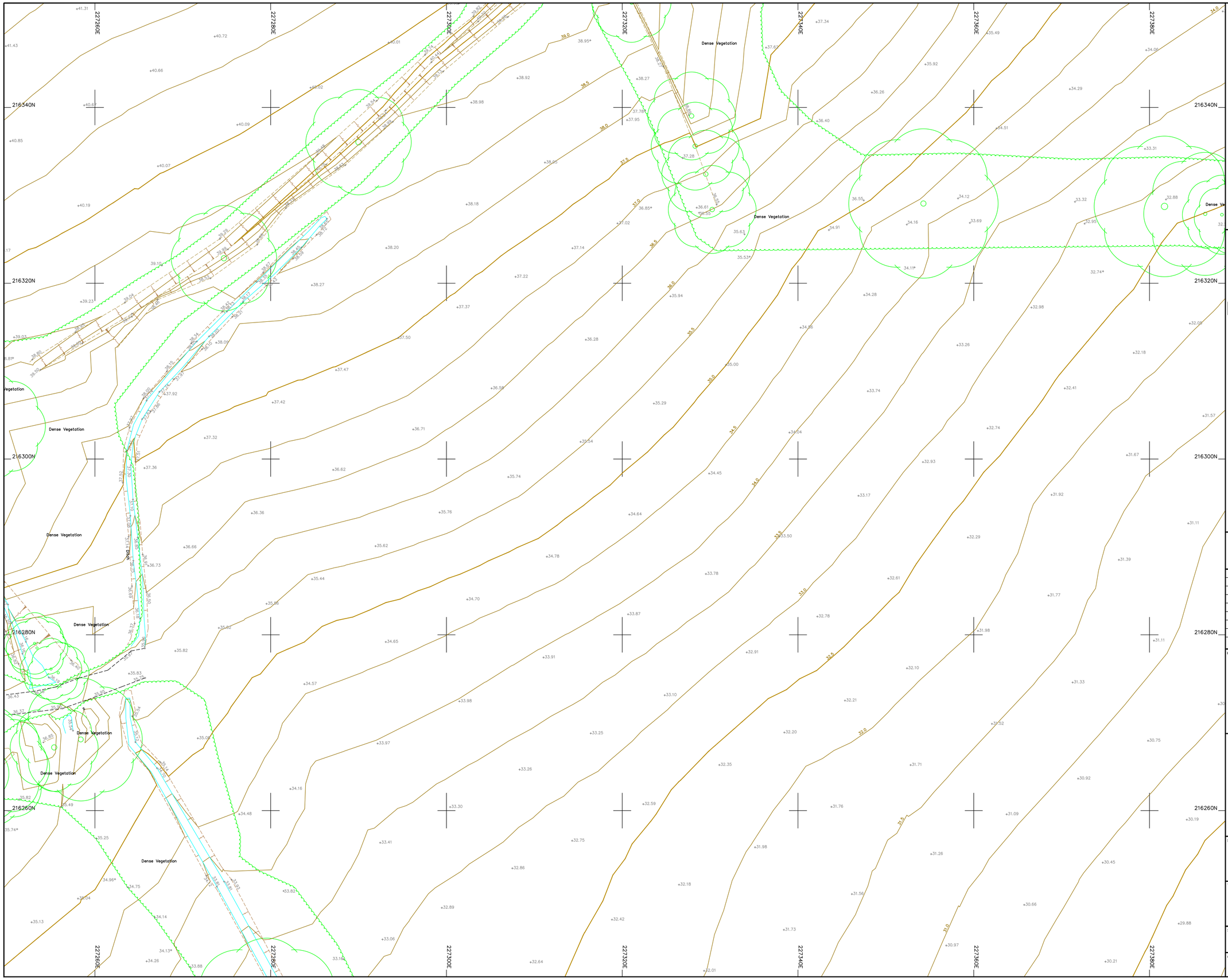

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Sheet Layout :

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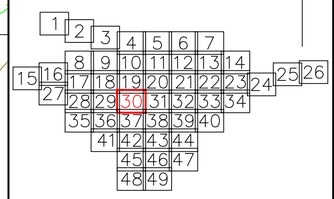

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Carmarthenshire
Site 17
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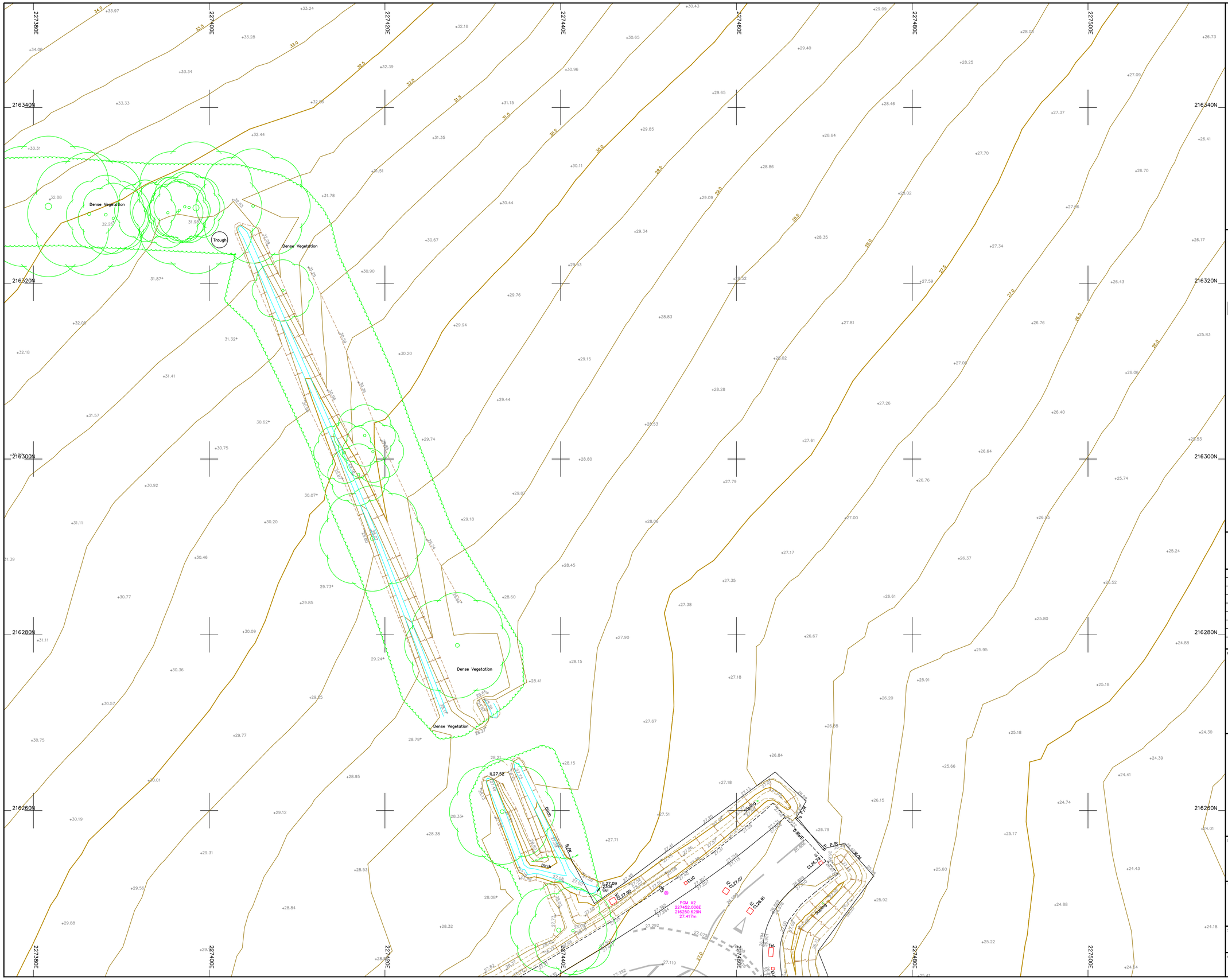

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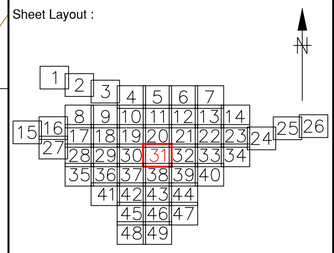

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CARMARTHEN ROAD
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Carmarthenshire
Site 17
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Title

TOPOGRAPHIC SURVEY

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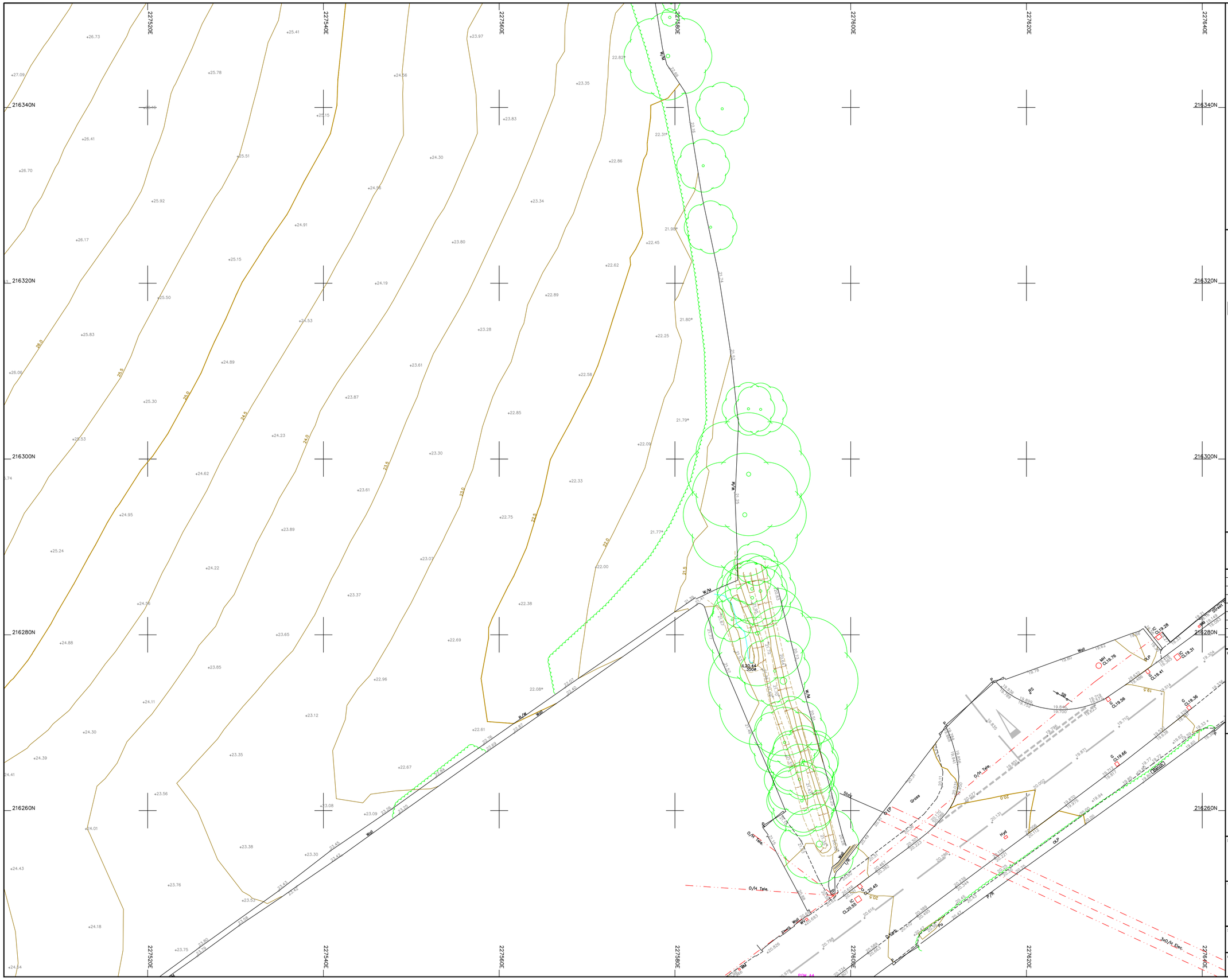
60013-MH-VTO-SITE17-M2-G-0001



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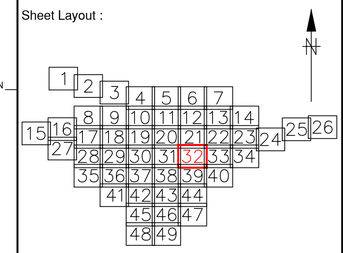

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CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
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Project

Carmarthenshire
Site 17
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TOPOGRAPHIC SURVEY

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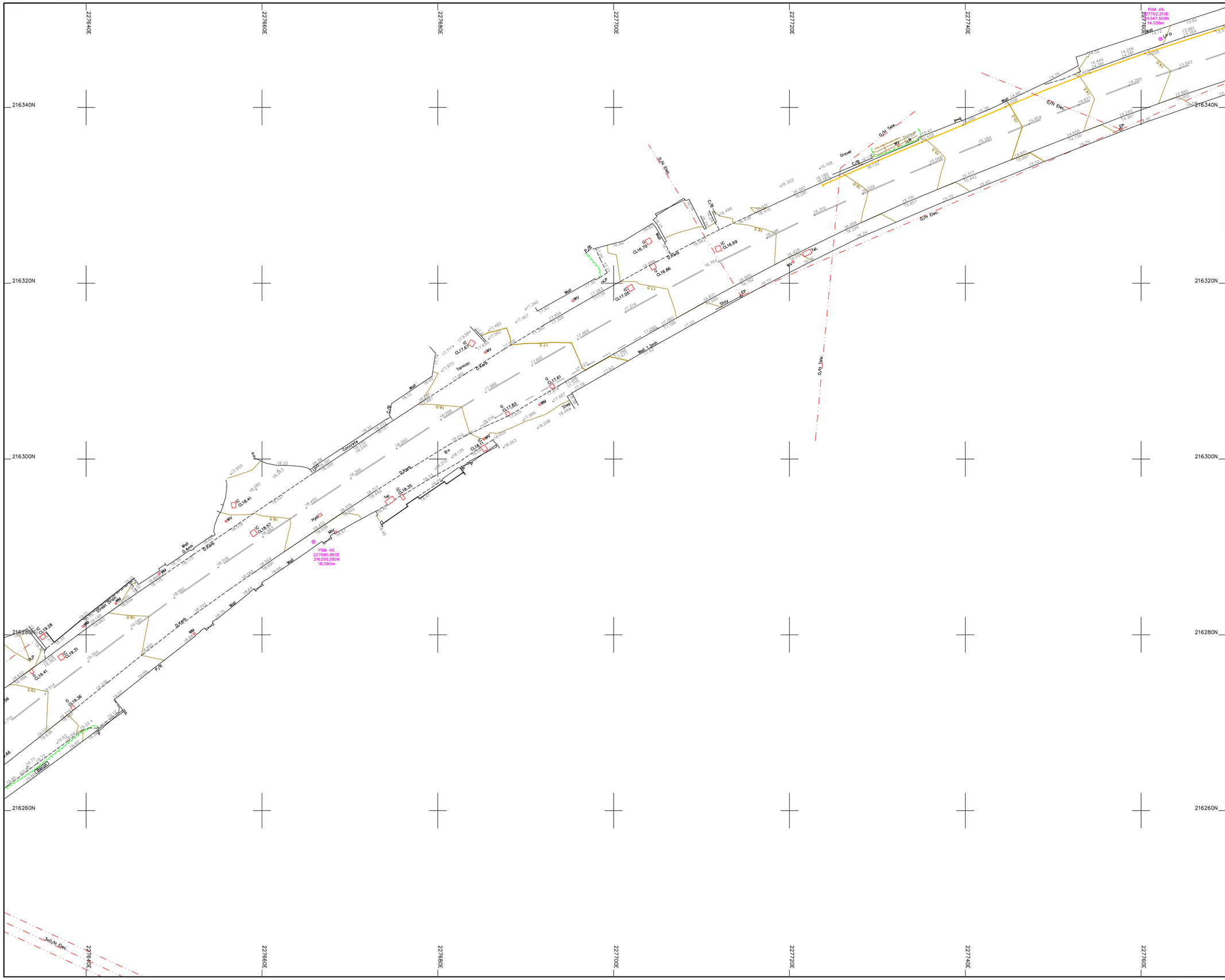
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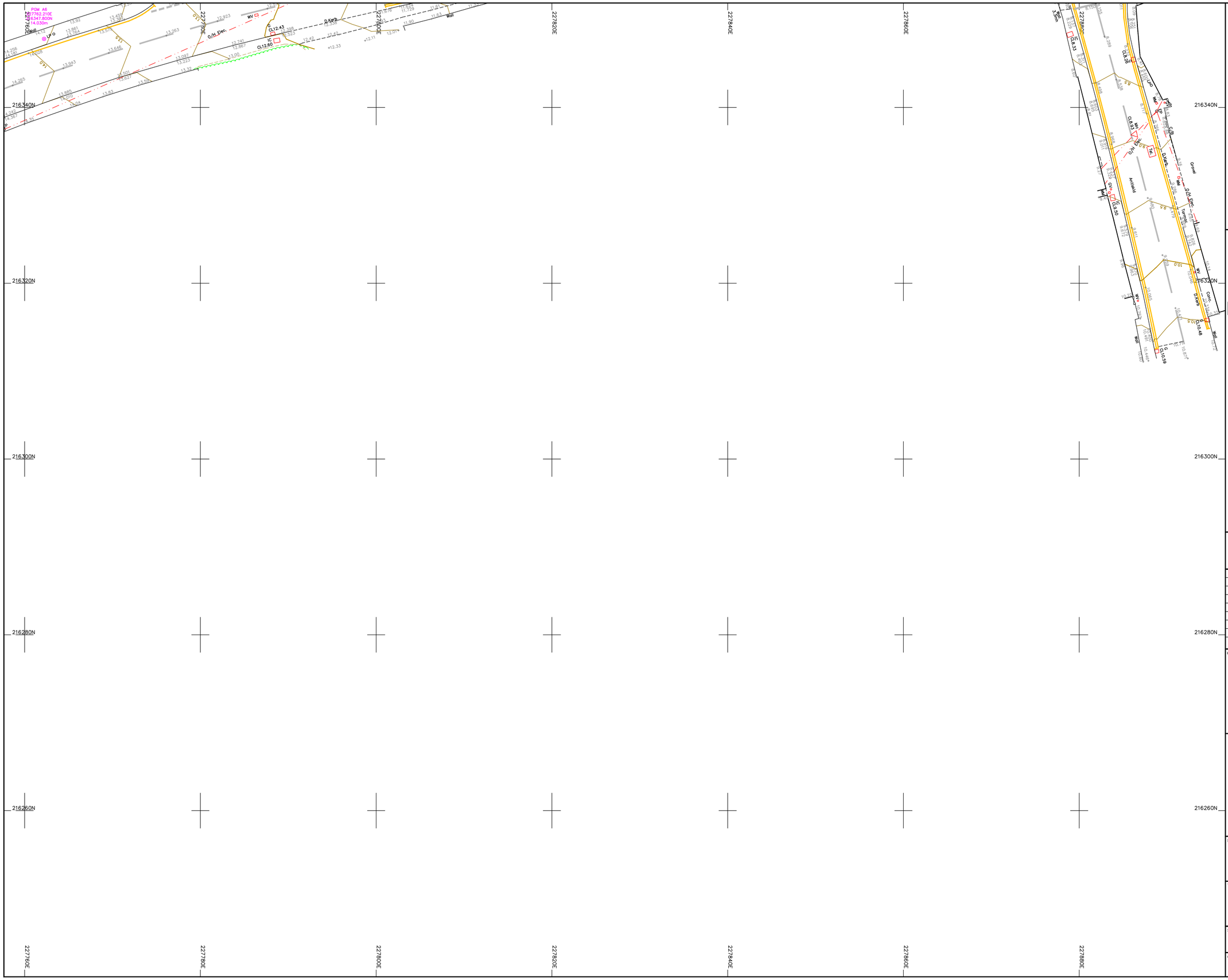
PGM A5
227762.210E
216347.800N
14.030m
PGM A5
227665.860E
216290.580N
16.580m
O/H Elec.
O/H Tele.
Gravel
Wall
D.Kerb
Concrete
Tarmac
Step
Hyd
Tel.
Wv
Bo
P/R
Street Gully
Wall 0.4m
Wall 1.2m
Wall 0.6m
Wall 0.8m
Wall 1.2m
Wall 1.0m
Wall 0.9m
Wall 0.8m
Wall 0.7m
Wall 0.6m
Wall 0.5m
Wall 0.4m
Wall 0.3m
Wall 0.2m
Wall 0.1m
Wall 0.0m
Wall 1.0m
Wall 1.1m
Wall 1.2m
Wall 1.3m
Wall 1.4m
Wall 1.5m
Wall 1.6m
Wall 1.7m
Wall 1.8m
Wall 1.9m
Wall 2.0m
Wall 2.1m
Wall 2.2m
Wall 2.3m
Wall 2.4m
Wall 2.5m
Wall 2.6m
Wall 2.7m
Wall 2.8m
Wall 2.9m
Wall



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

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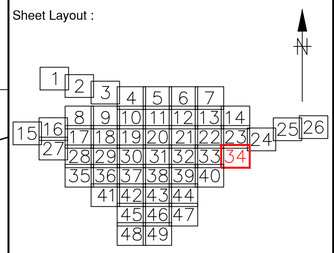

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Project

Carmarthenshire
Site 17

Sheet 34 of 49

Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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Cad File Name:

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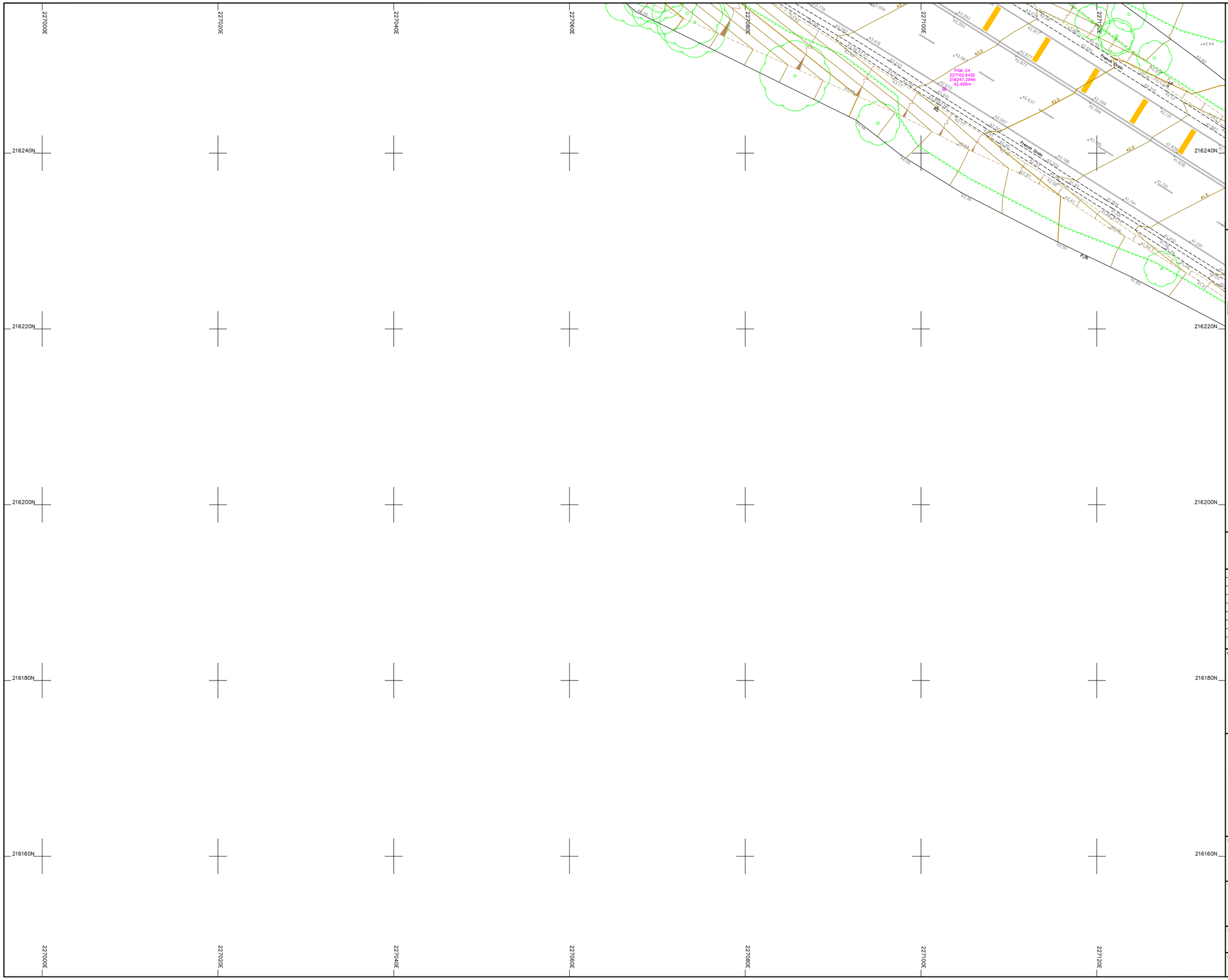

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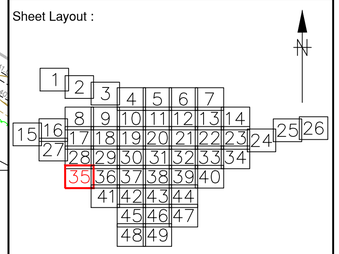

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Carmarthenshire
Site 17

Sheet 35 of 49

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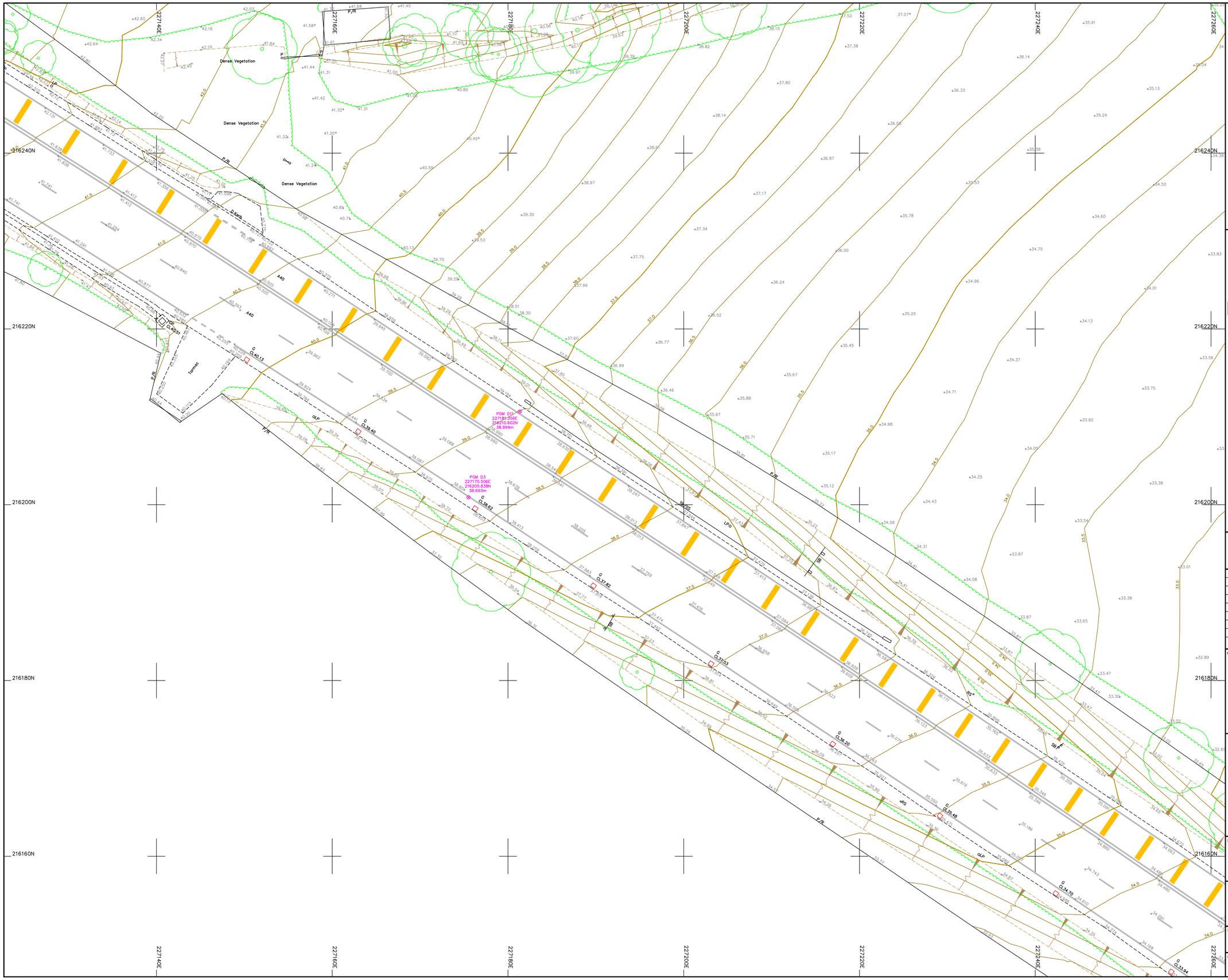

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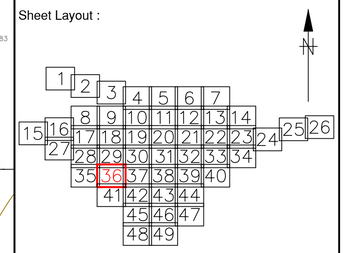

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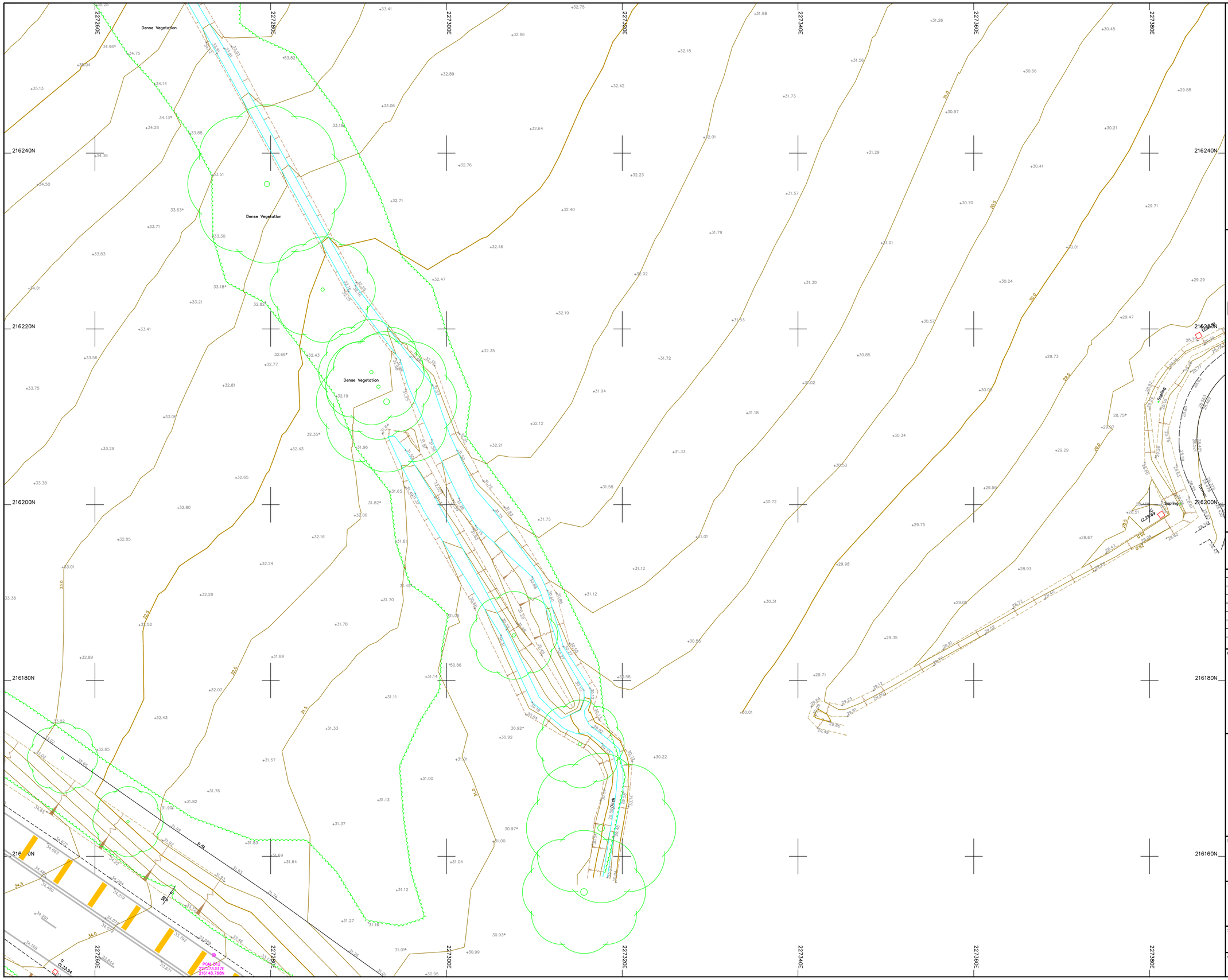

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C/B	Close Boarded	P/C	Post and Chain
C/I	Corrugated Iron	P/R	Post and Rail
Cul	Culvert	P/W	Post and Wire
DP	Drain Pipe	RWP	Rain Water Pipe
DL	Detector Loop	RP	Reflector Post
EJB	Electricity Junction Box	R/W	Retaining Wall
EP	Electricity Pole	RG	Road Gully
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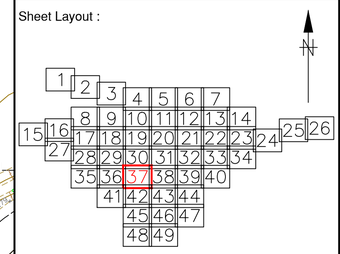
FIG	Feeds Into Ground	SB	Sign Board
FS	Flag Staff	SP	Sign Post
GM	Gas Meter	SC	Stop Cock
GV	Gas Valve	TCB	Telephone Call Box
GP	Gate Post	TP	Telephone Pole
G	Gully	TS	Traffic Signal
Hyd	Hydrant	VP	Vent Pipe
I/R	Iron Railing	WM	Water Meter
IC	Inspection Cover	Tr	Water Trough
I/W	Interwoven	W/M	Wire Mesh Fence
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/05/23	SRD

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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17
Sheet 37 of 49

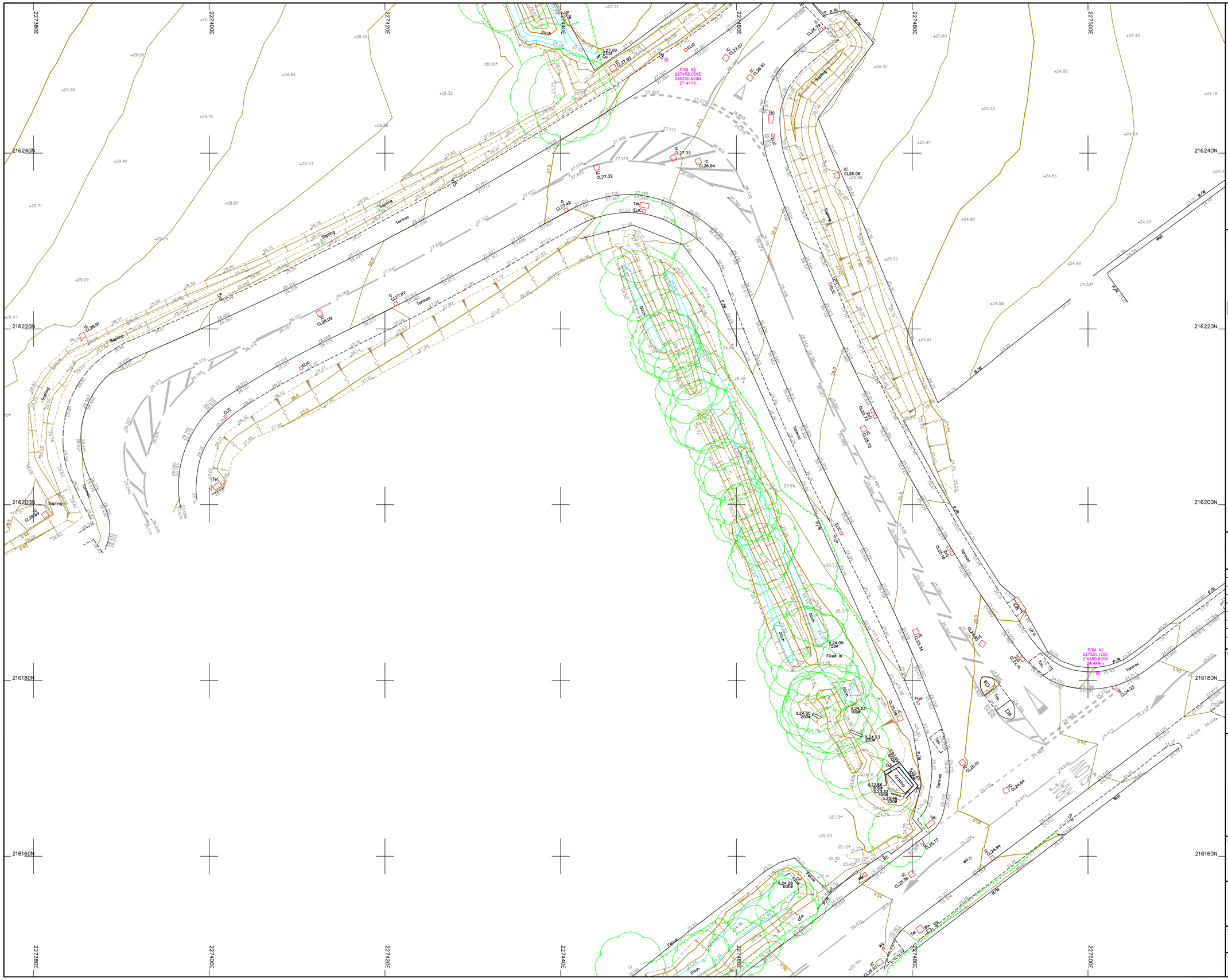
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
B	Bollard	MS	Mile Stone
CP	Catch Pit	Pal	Paling
C/P	Chestnut Paling	PM	Parking Meter
CE	Cleaning Eye	P	Post
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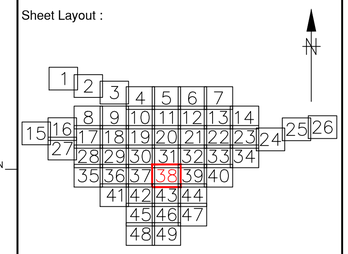
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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Rev	Description	Date	Initial
1	Original Issue	28/05/23	SRD

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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17

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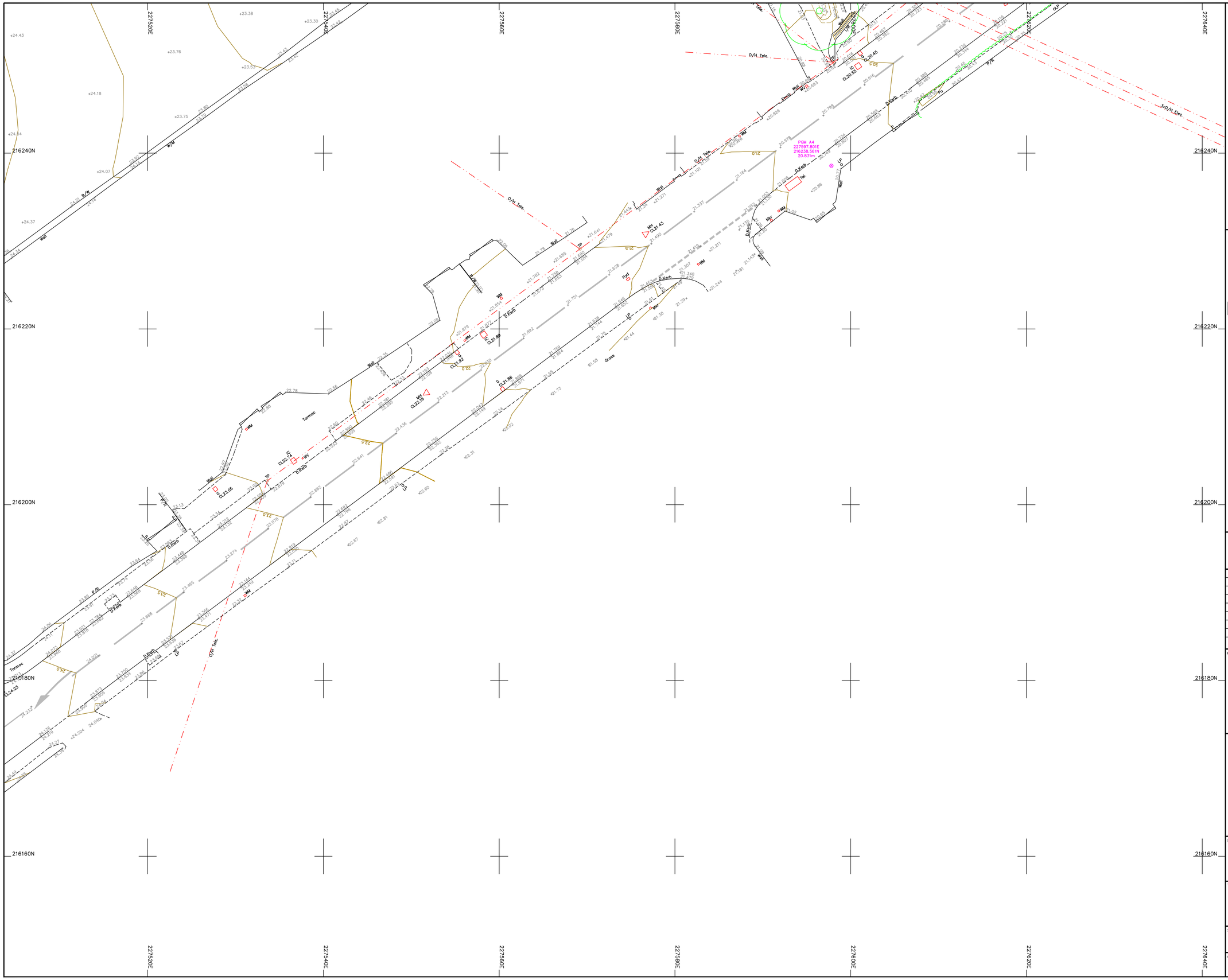
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



Legend :

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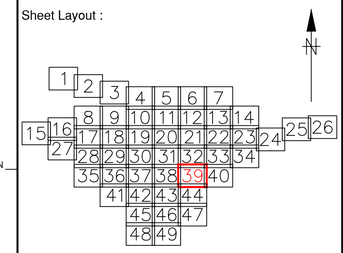
Permanent Ground Marker ⊗

O.S. Bench Mark

Sheet Layout :



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CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
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Project

Carmarthenshire
Site 17
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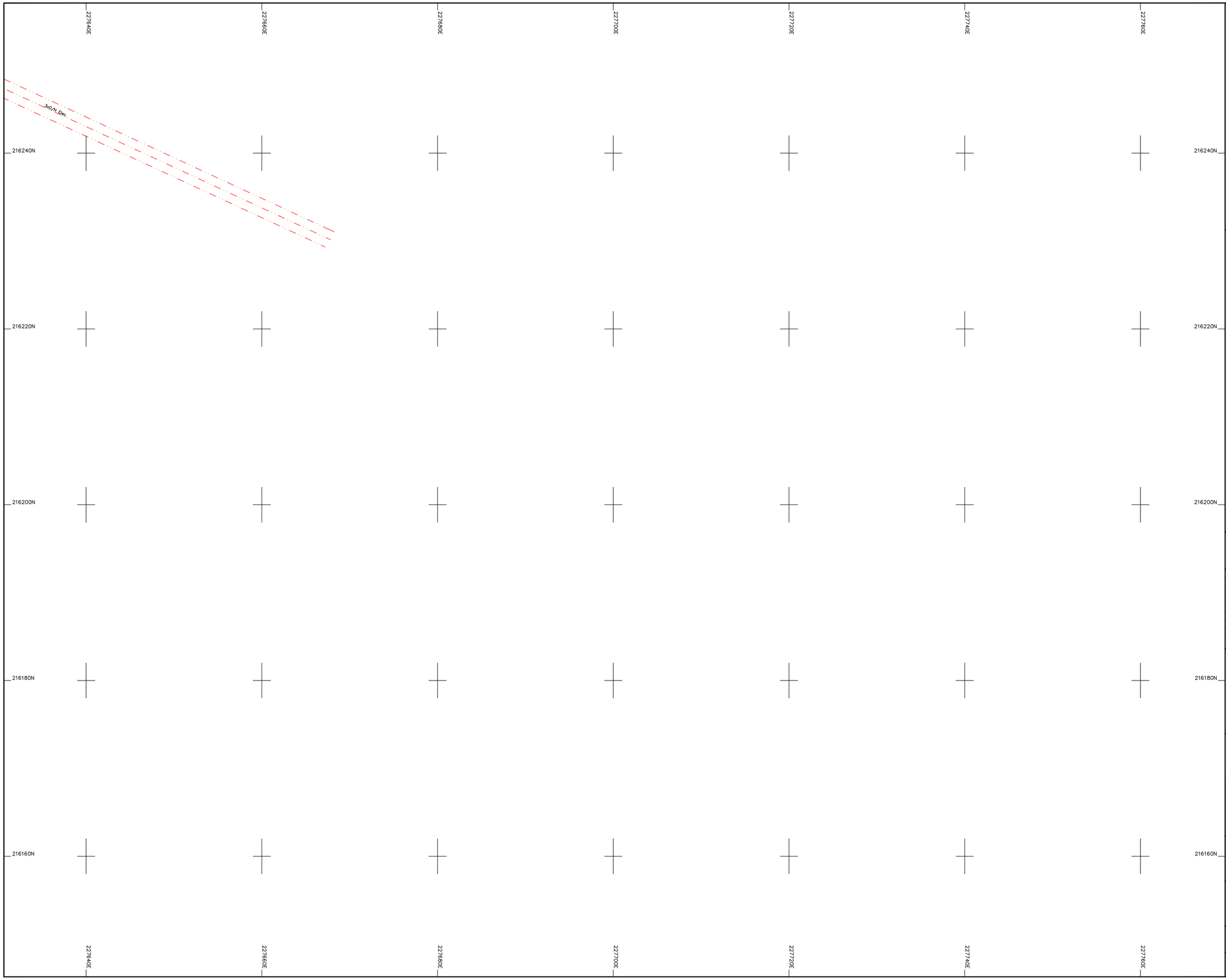
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
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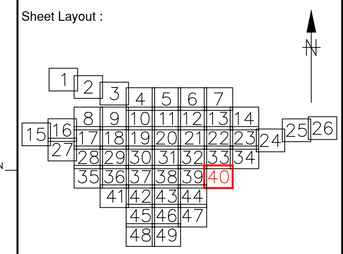
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

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Carmarthenshire
Site 17

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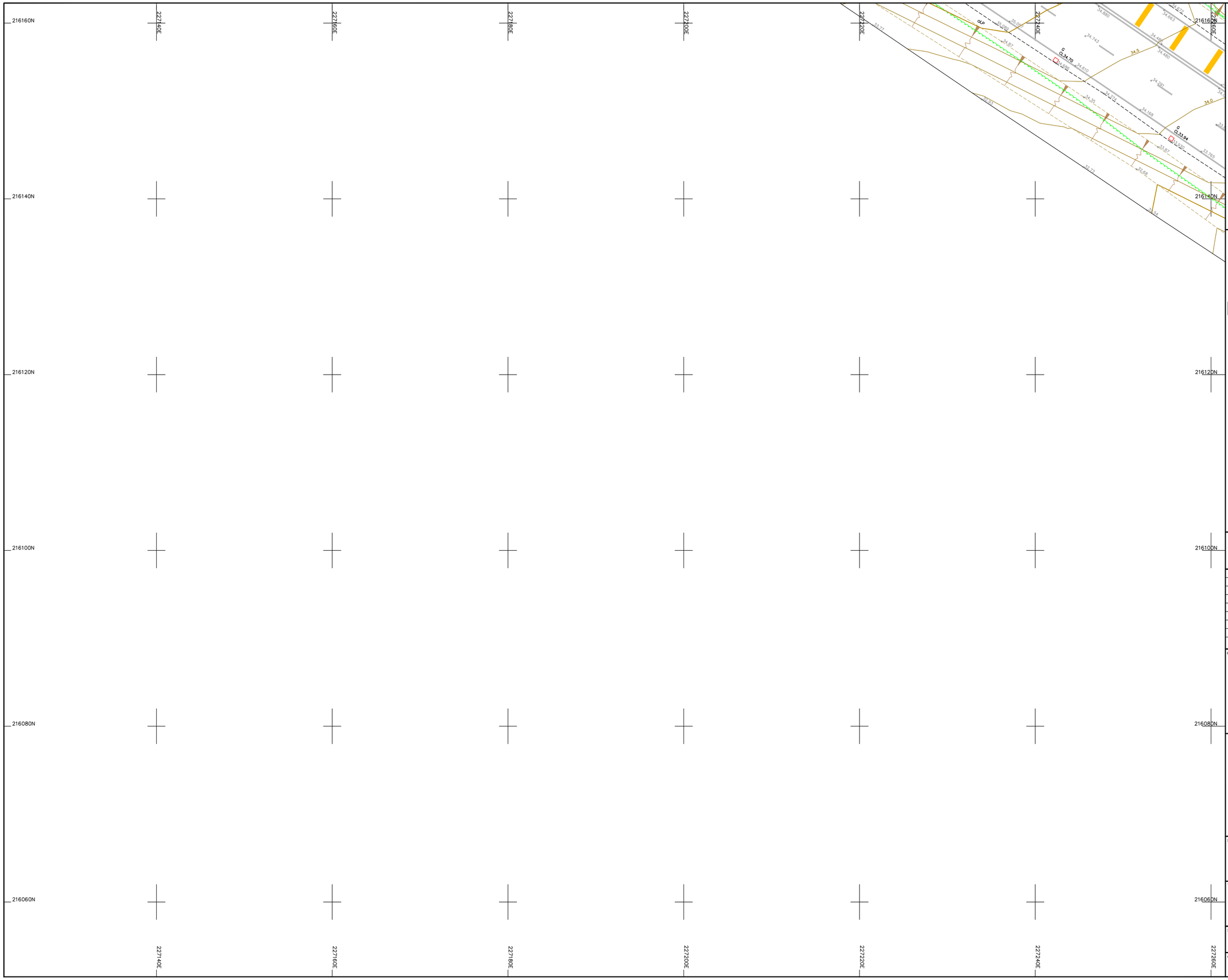
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



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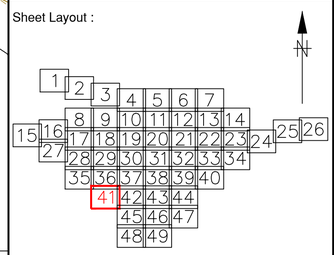
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17

Sheet 41 of 49

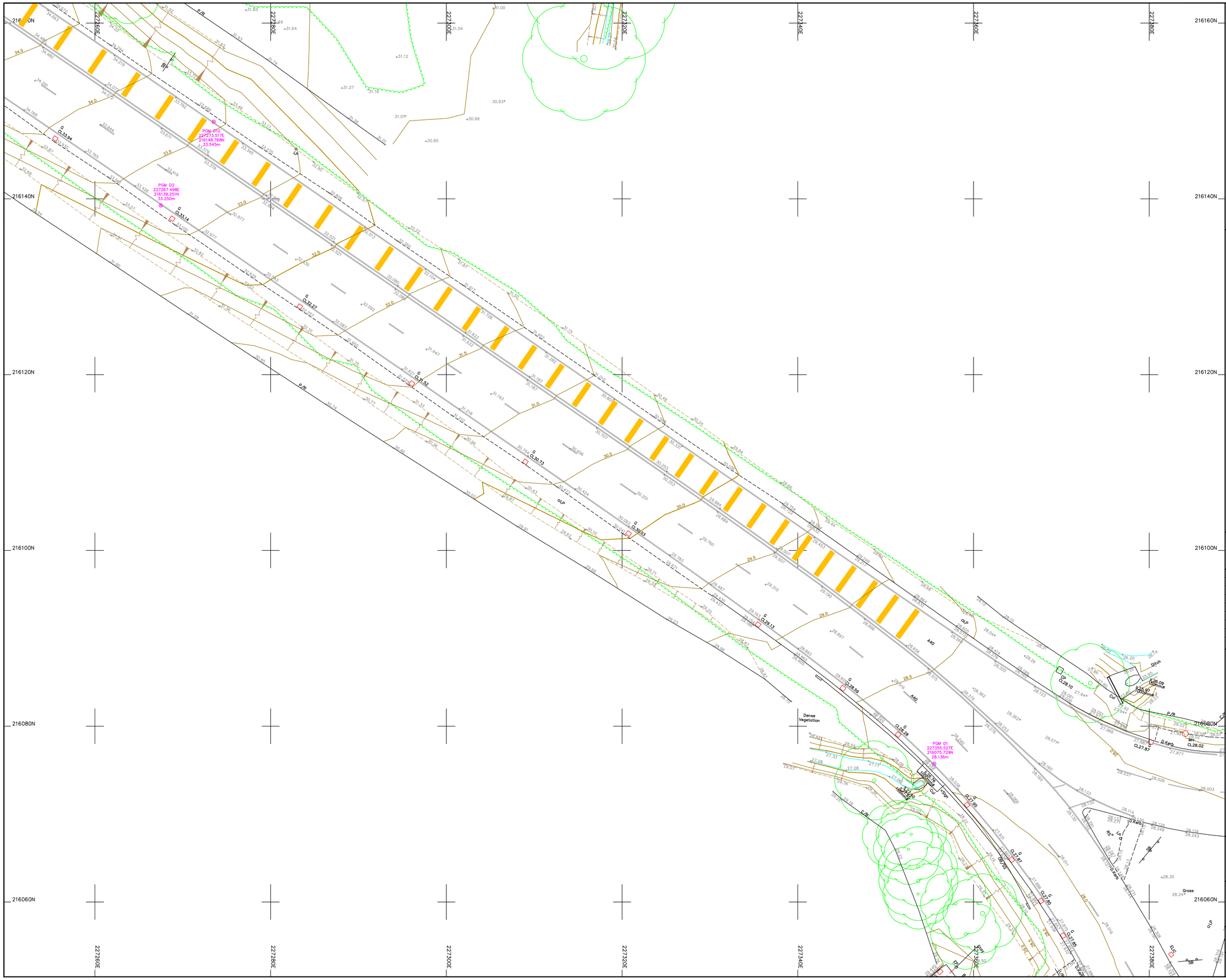
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
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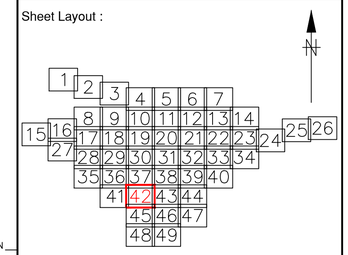
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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Rev	Description	Date	Initial
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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17
Sheet 42 of 49

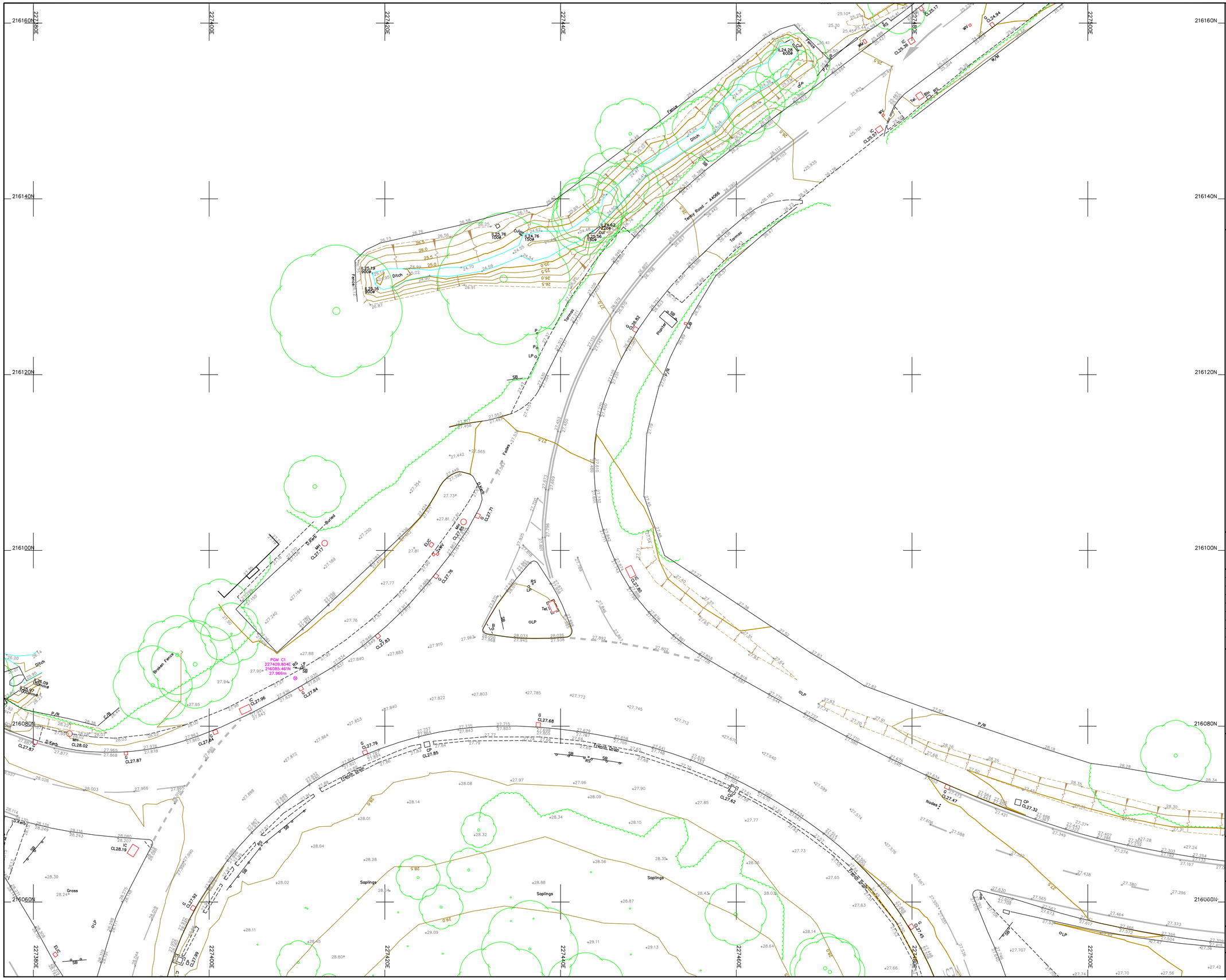
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



Legend :

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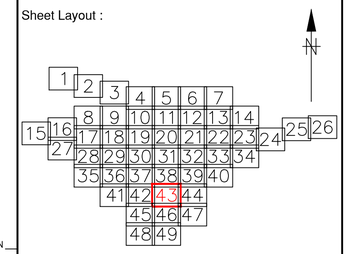
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
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Project

Carmarthenshire
Site 17
Sheet 43 of 49

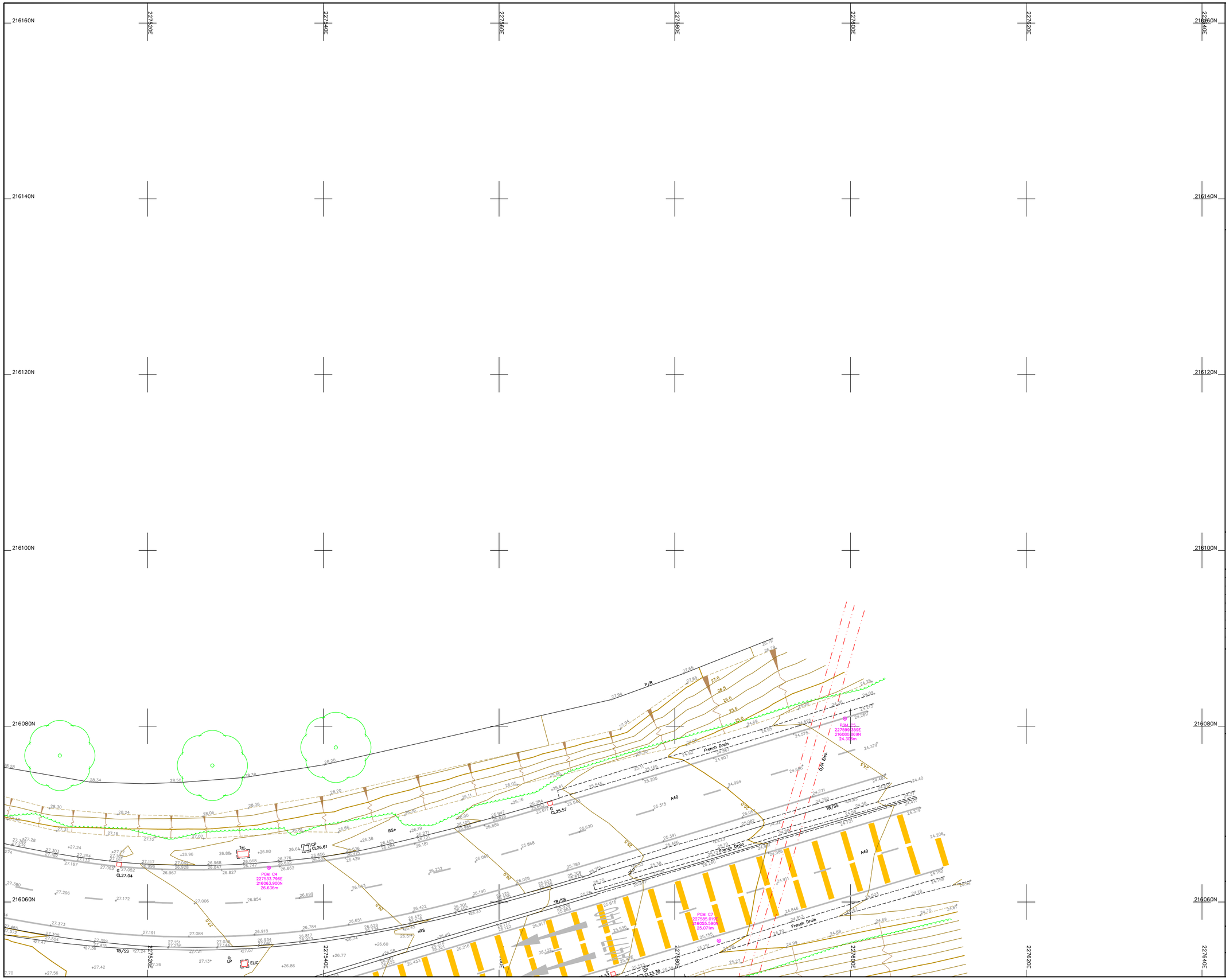
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



Legend :

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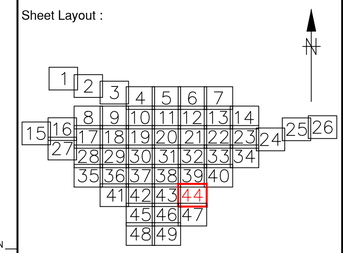
Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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CHARTERED LAND SURVEYORS

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CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
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Project

Carmarthenshire
Site 17
Sheet 44 of 49

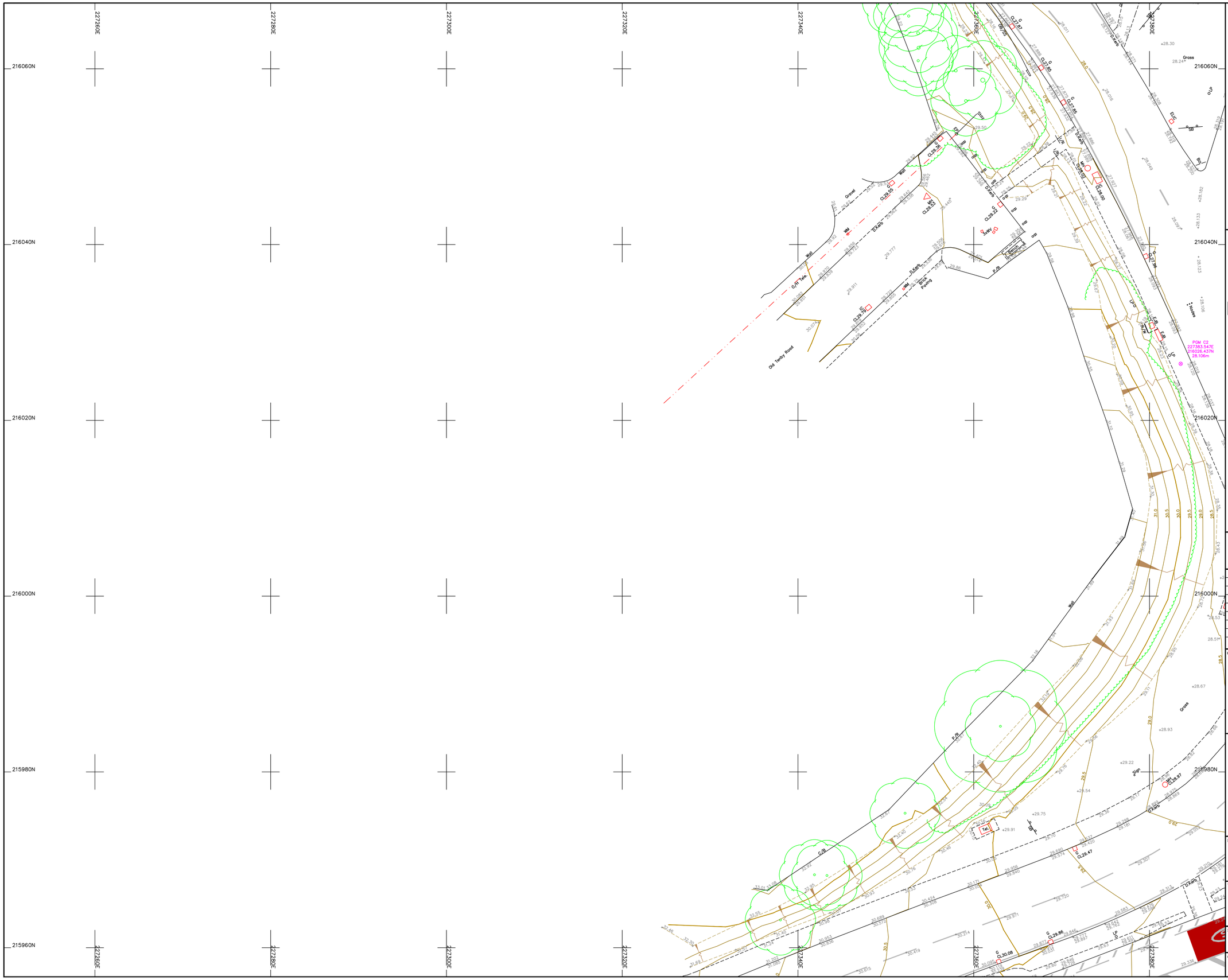
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



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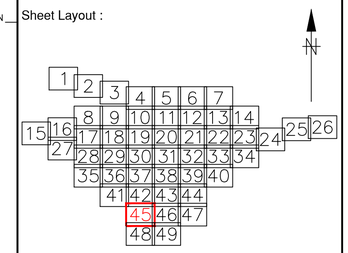
O.S. Bench Mark ↑

Sheet Layout :



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CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
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Carmarthenshire
Site 17

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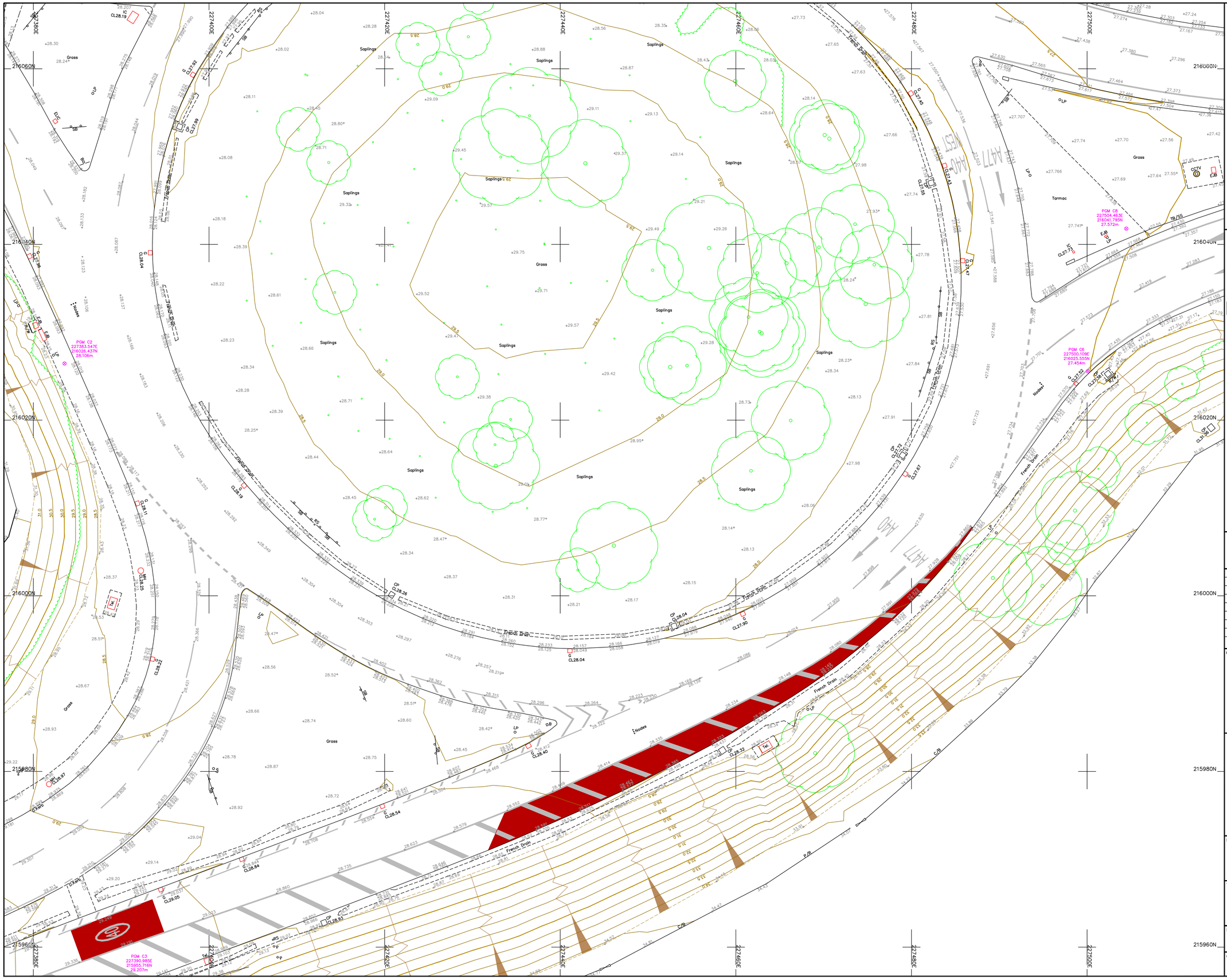
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



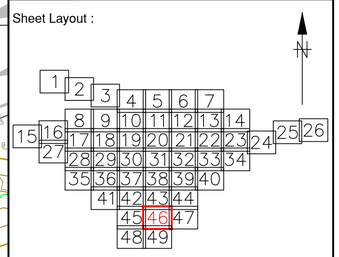
Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
B	Bollard	MS	Mile Stone
CP	Catch Pit	Pal	Paling
C/P	Chestnut Paling	PM	Parking Meter
CE	Cleaning Eye	P	Post
C/B	Close Boarded	P/C	Post and Chain
C/I	Corrugated Iron	P/R	Post and Rail
Cul	Culvert	P/W	Post and Wire
DP	Drain Pipe	RWP	Rain Water Pipe
DL	Detector Loop	RP	Reflector Post
EJB	Electricity Junction Box	R/W	Retaining Wall
EP	Electricity Pole	RG	Road Gully
ELIC	Electricity Service Cover	RS	Road Sign
F/G	Feeds Into Ground	SB	Sign Board
FS	Flag Staff	SP	Sign Post
GM	Gas Meter	SC	Stop Cock
GV	Gas Valve	TCB	Telephone Call Box
GP	Gate Post	TP	Telephone Pole
G	Gully	TS	Traffic Signal
Hyd	Hydrant	VP	Vent Pipe
I/R	Iron Railing	WM	Water Meter
IC	Inspection Cover	Tr	Water Trough
I/W	Interwoven	W/M	Wire Mesh Fence
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/05/23	SRD

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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 17
Sheet 46 of 49

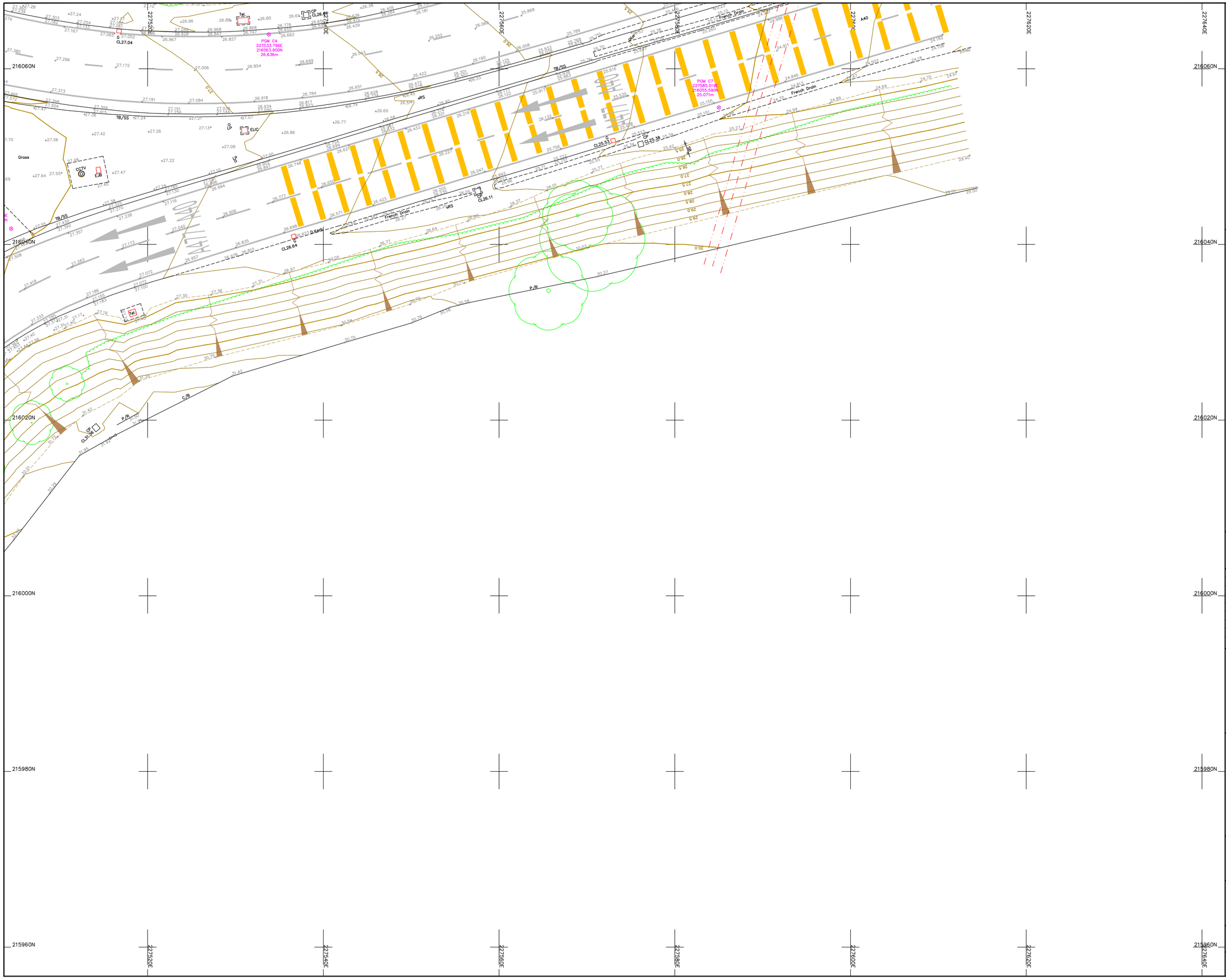
Title

TOPOGRAPHIC SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	May 2023	SRD	EAD

Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



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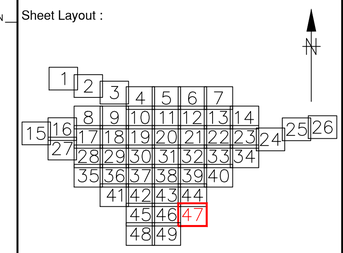
Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Sheet Layout :



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CHARTERED LAND SURVEYORS

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CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

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Carmarthenshire
Site 17

Sheet 47 of 49

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TOPOGRAPHIC SURVEY

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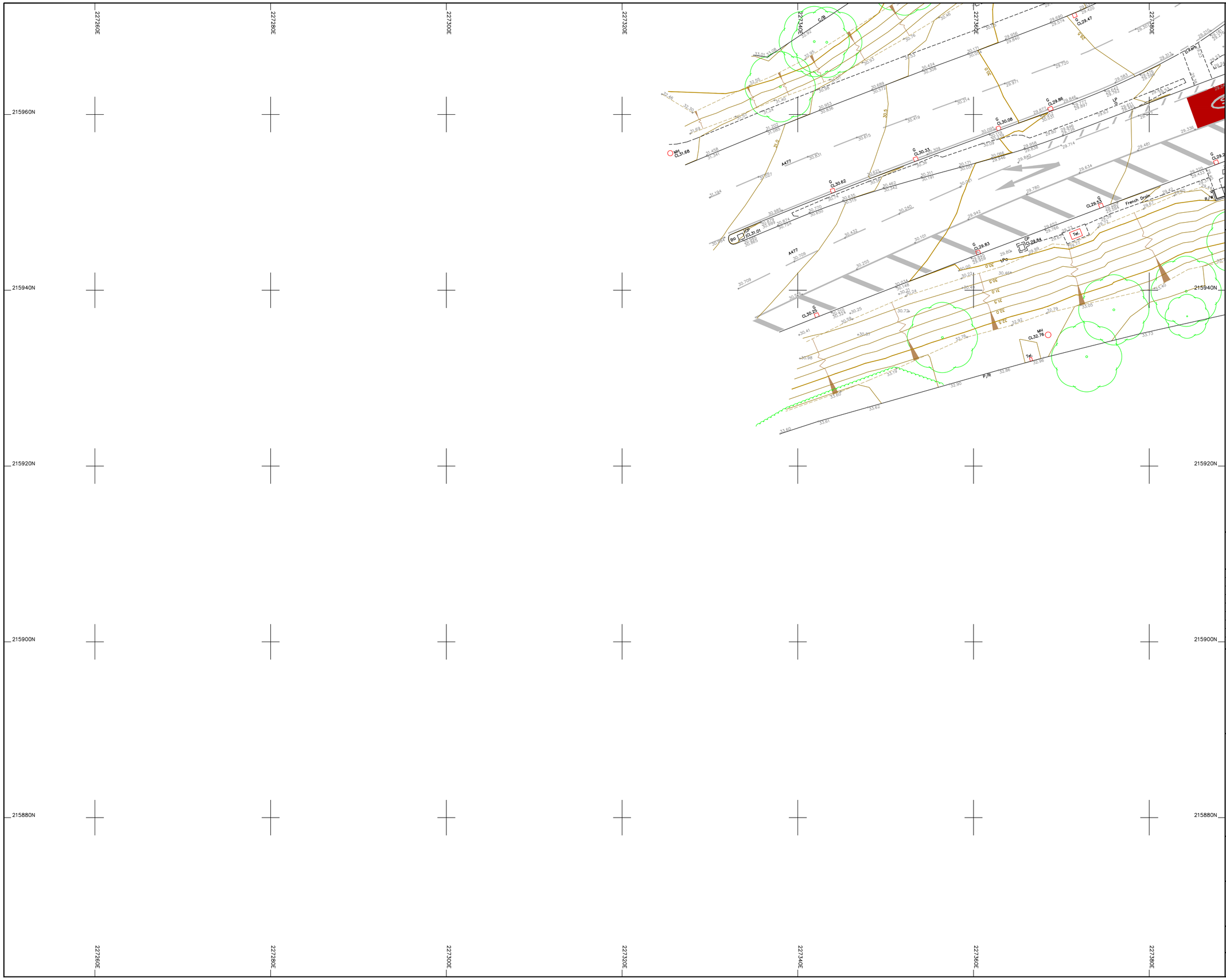
Cad File Name:

60013-MH-VTO-SITE17-M2-G-0001



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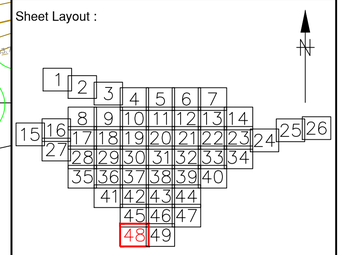

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CHARTERED LAND SURVEYORS

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CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

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Carmarthenshire
Site 17

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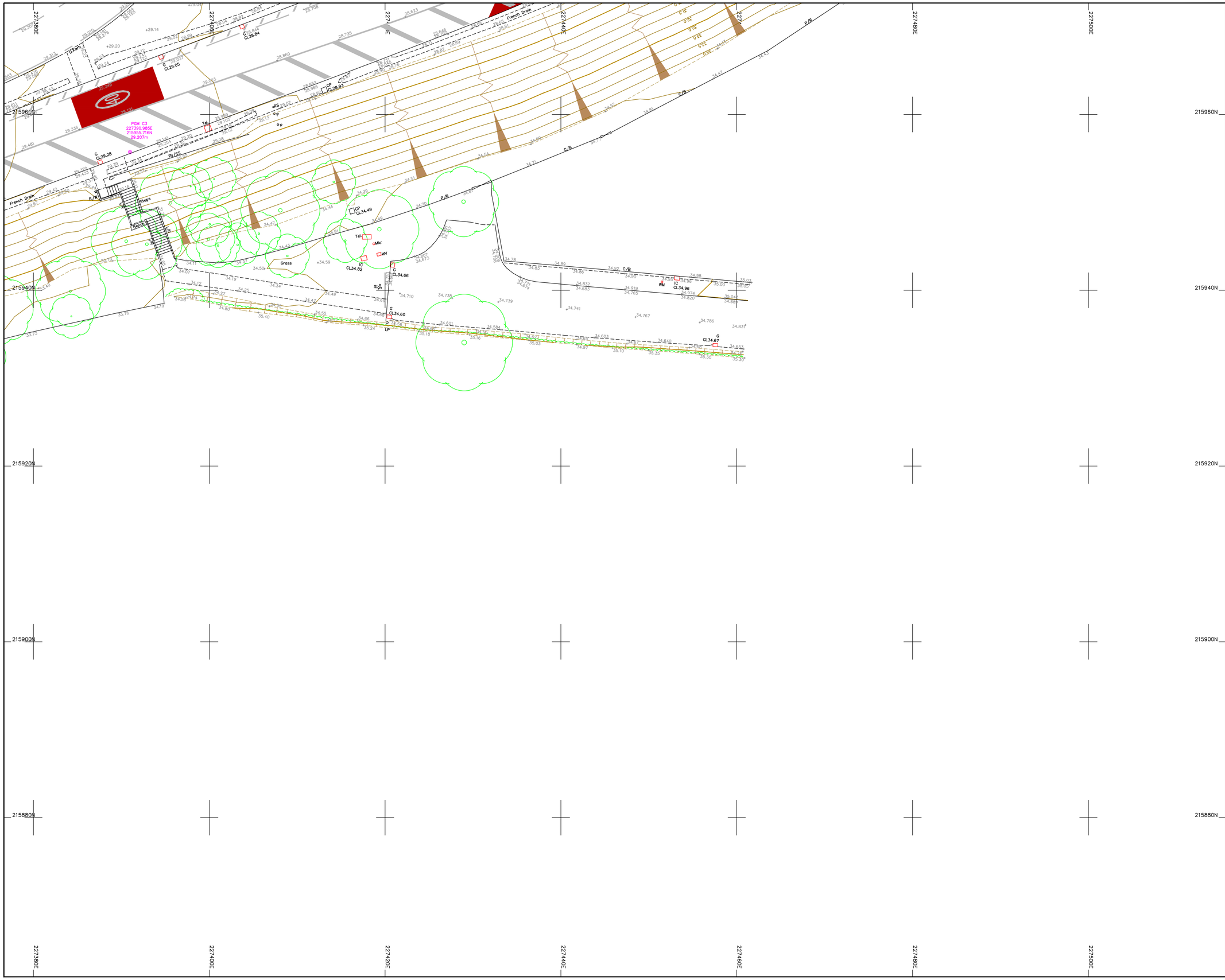

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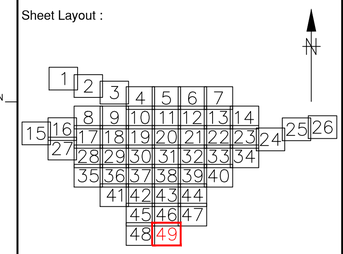

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