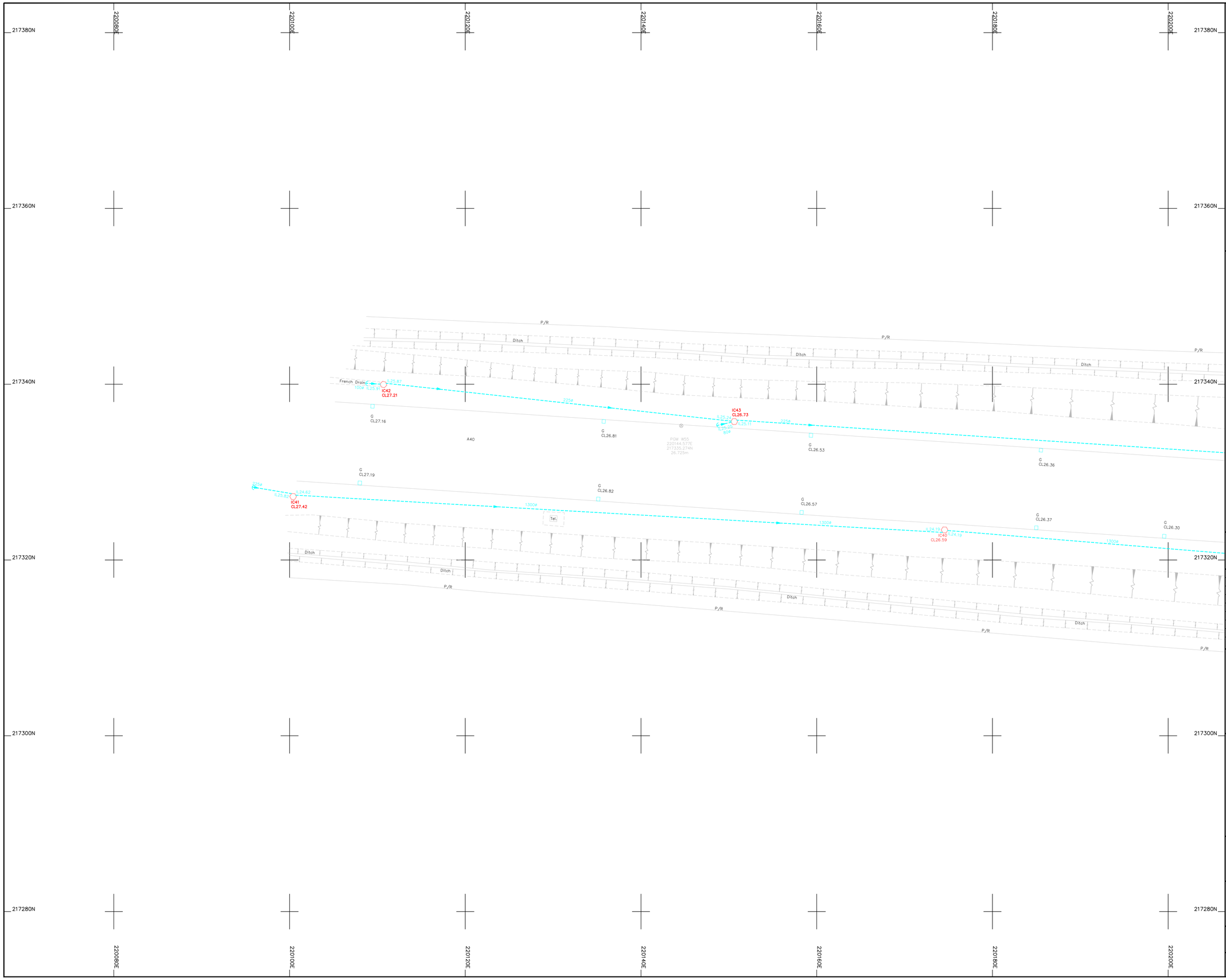


Legend :

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 ↑

Riverbed Level + BL36.36 — U/G Foul

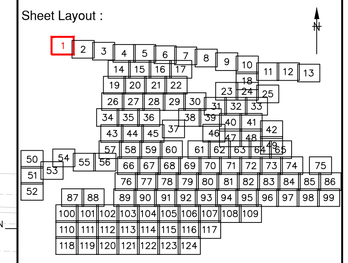
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/06/23	JPD

CLIENT

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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

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

Project

Carmarthenshire
Site 12

SHEET 1 of 124

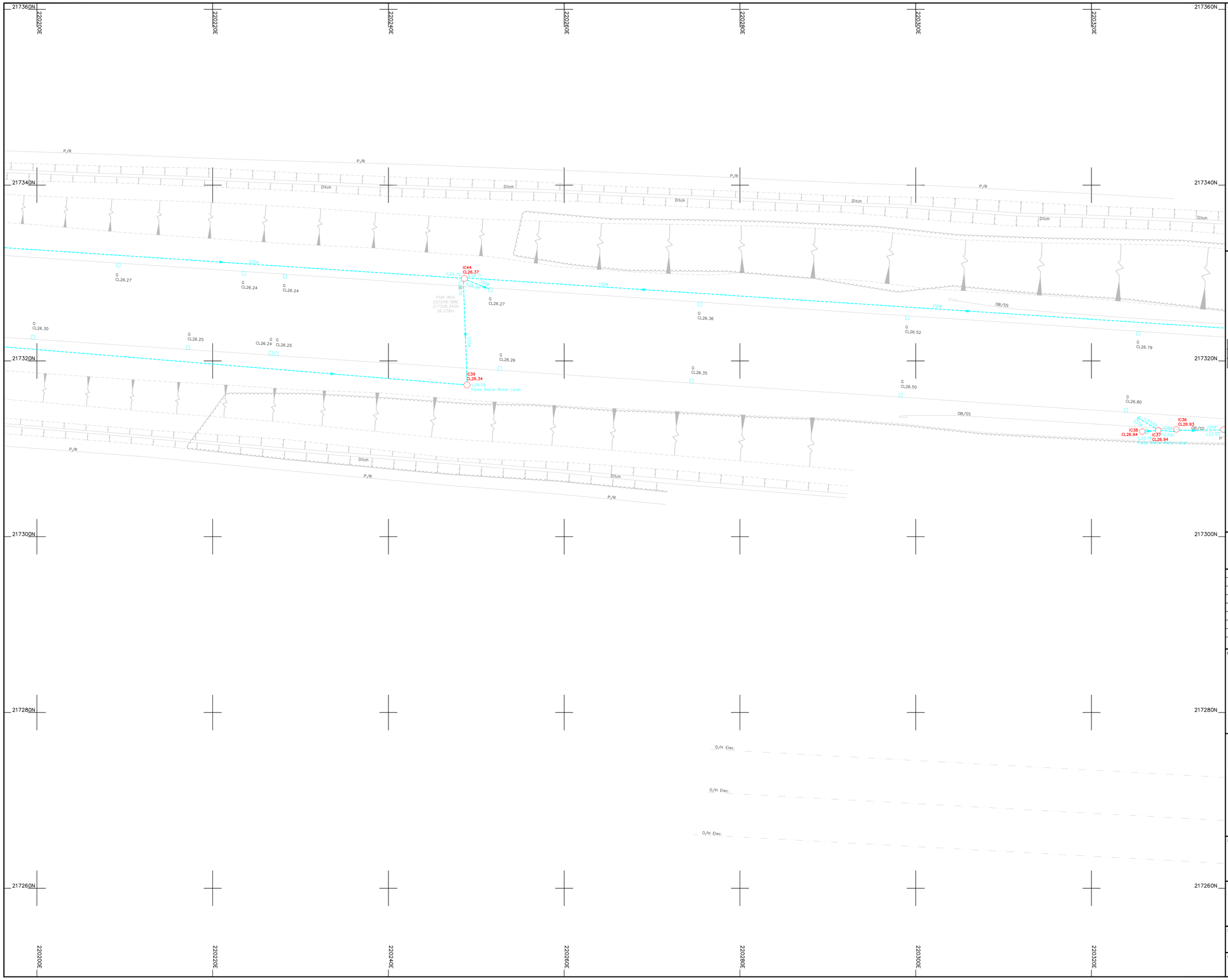
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
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I/W	Interwoven	W/M	Wire Mesh Fence
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + RL36.36 — U/G Foul

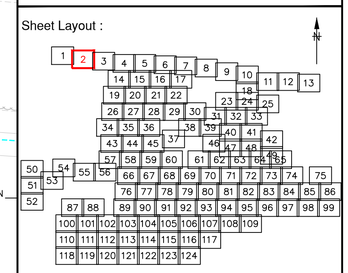
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 2 of 124

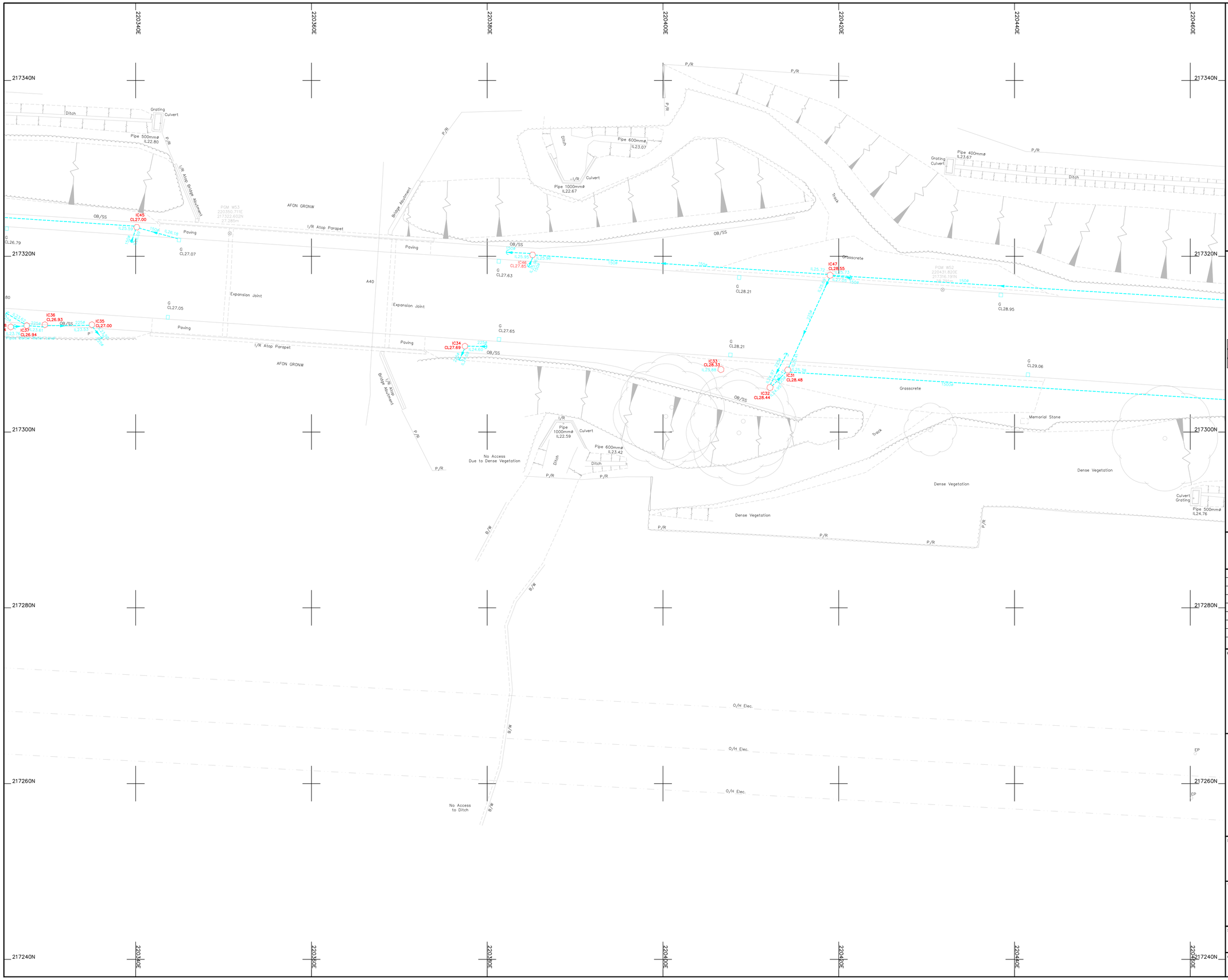
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-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
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + RL36.36 — U/G Foul

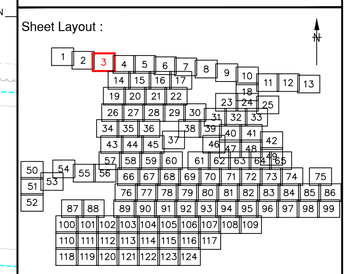
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CHARTERED LAND SURVEYORS

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

Project

Carmarthenshire
Site 12

SHEET 3 of 124

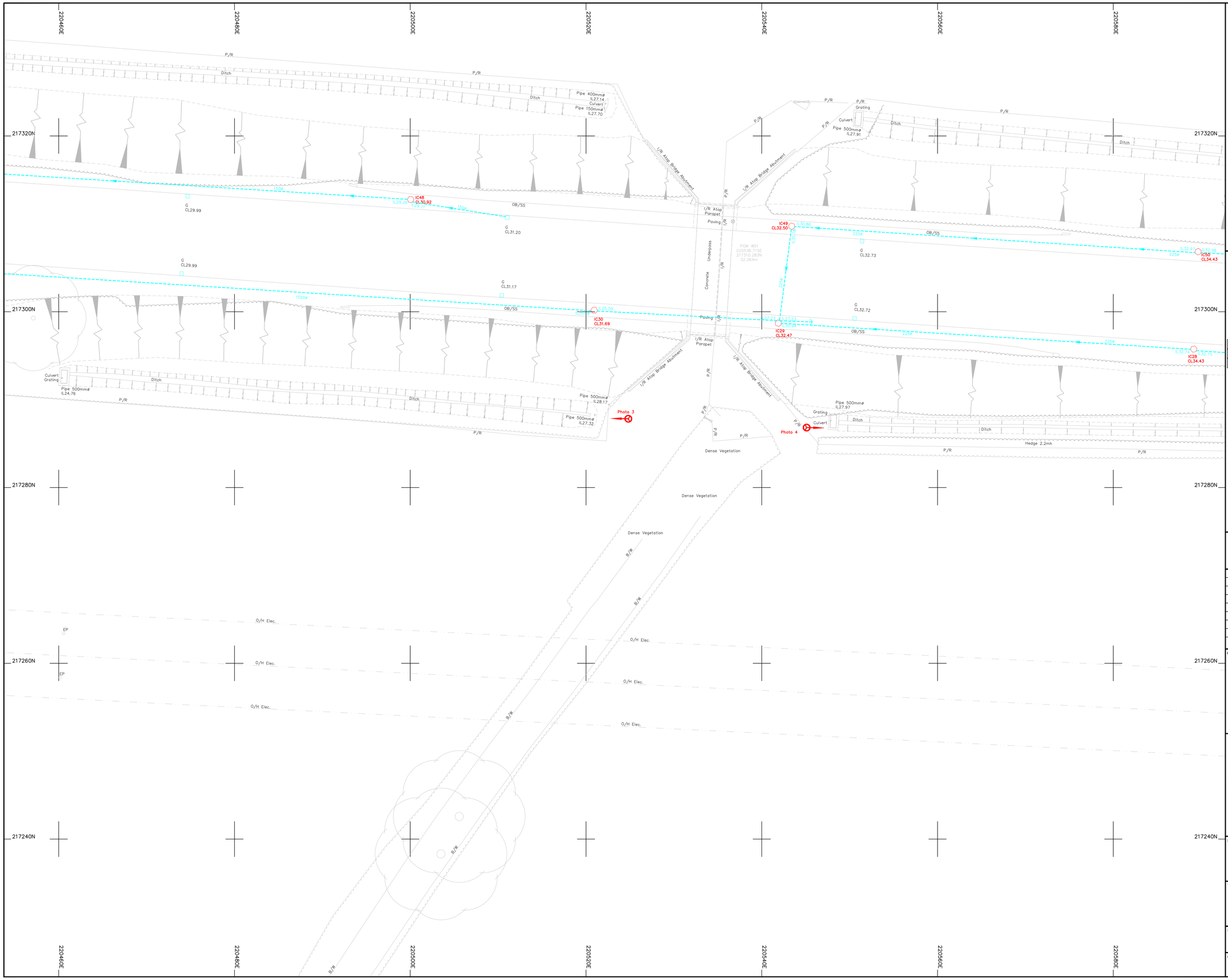
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + RL36.36 — U/G Foul

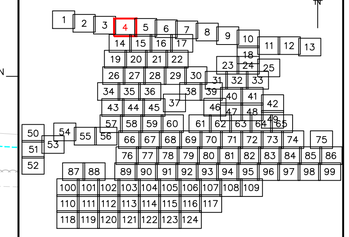
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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SWANSEA
SA1 1HE
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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 4 of 124

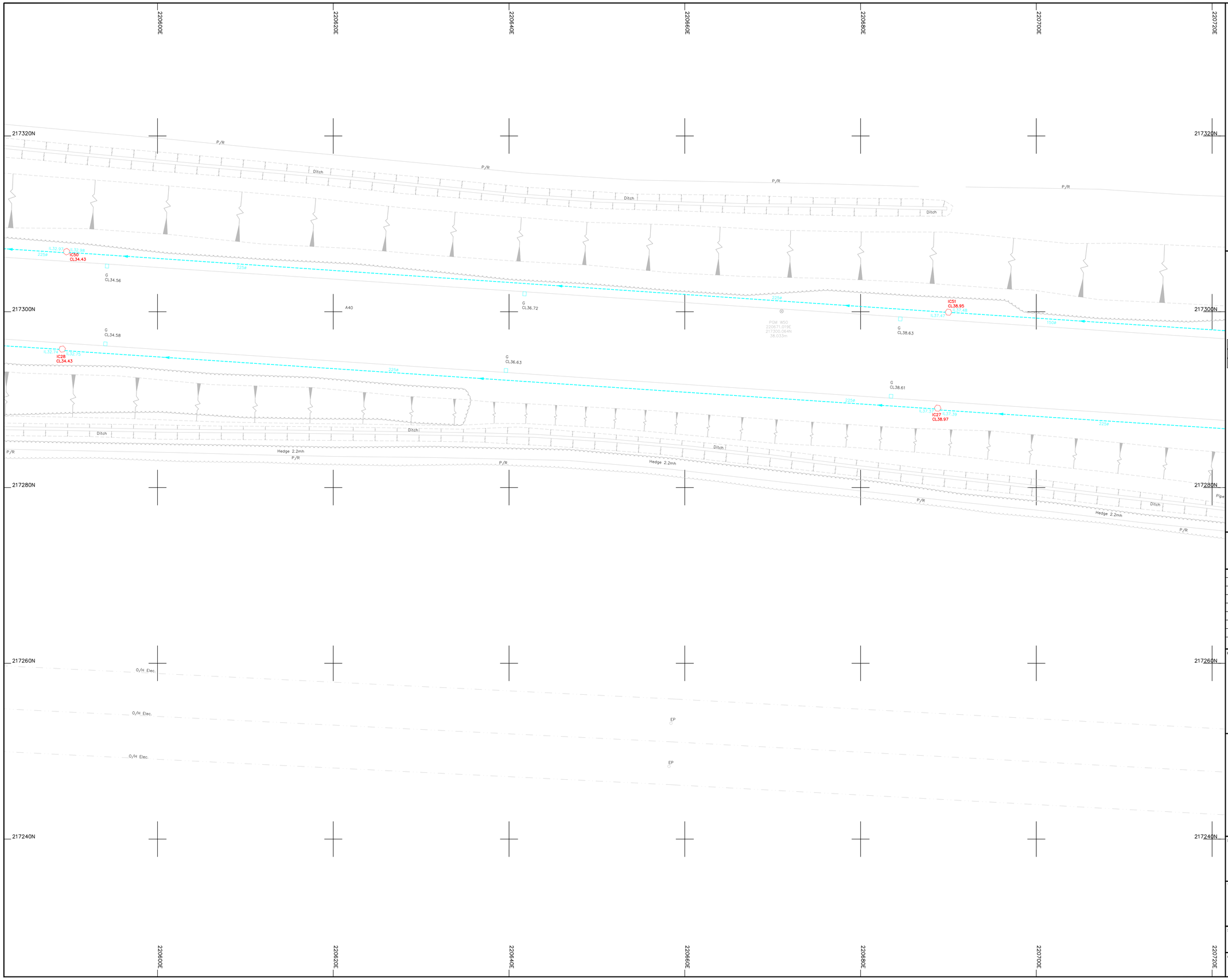
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-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
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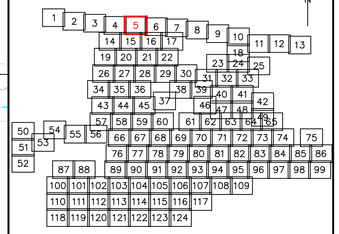
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗
O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul
Roof Level + RL36.36 — U/G Storm
End of Trace
UTL Unable to Lift
UTS Unable To Survey

Sheet Layout :



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CHARTERED LAND SURVEYORS

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

Project

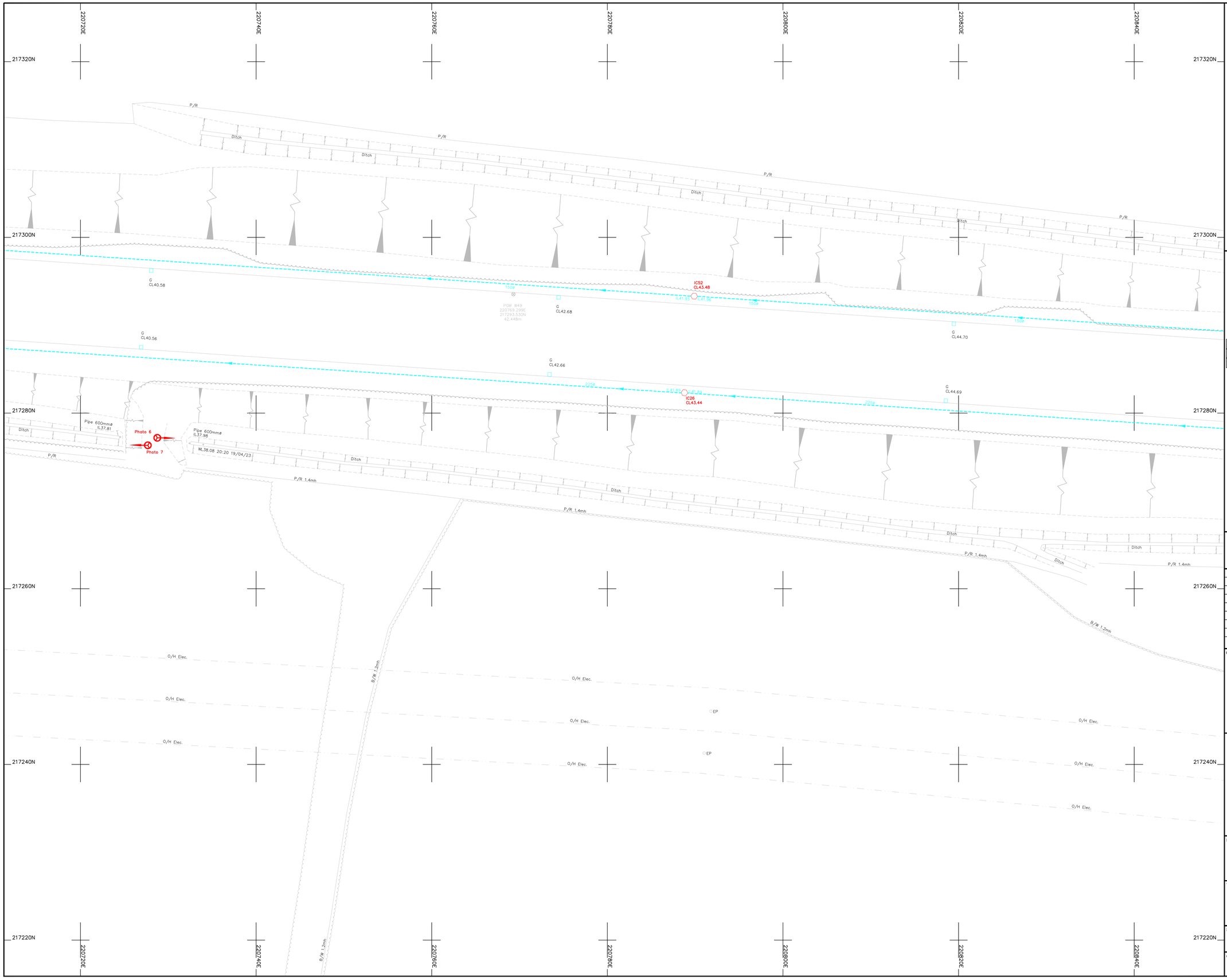
Carmarthenshire
Site 12
SHEET 5 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:
60014-MH-VDS-SITE12-DR-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
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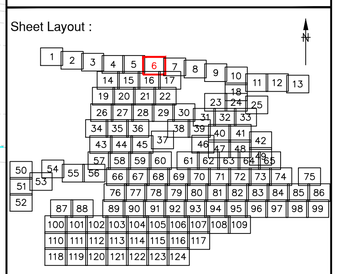
Permanent Ground Marker ⊗
O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul
Roof Level + RL36.36 — U/G Storm
End of Trace
UTL Unable to Lift
UTS Unable To Survey

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 12
SHEET 6 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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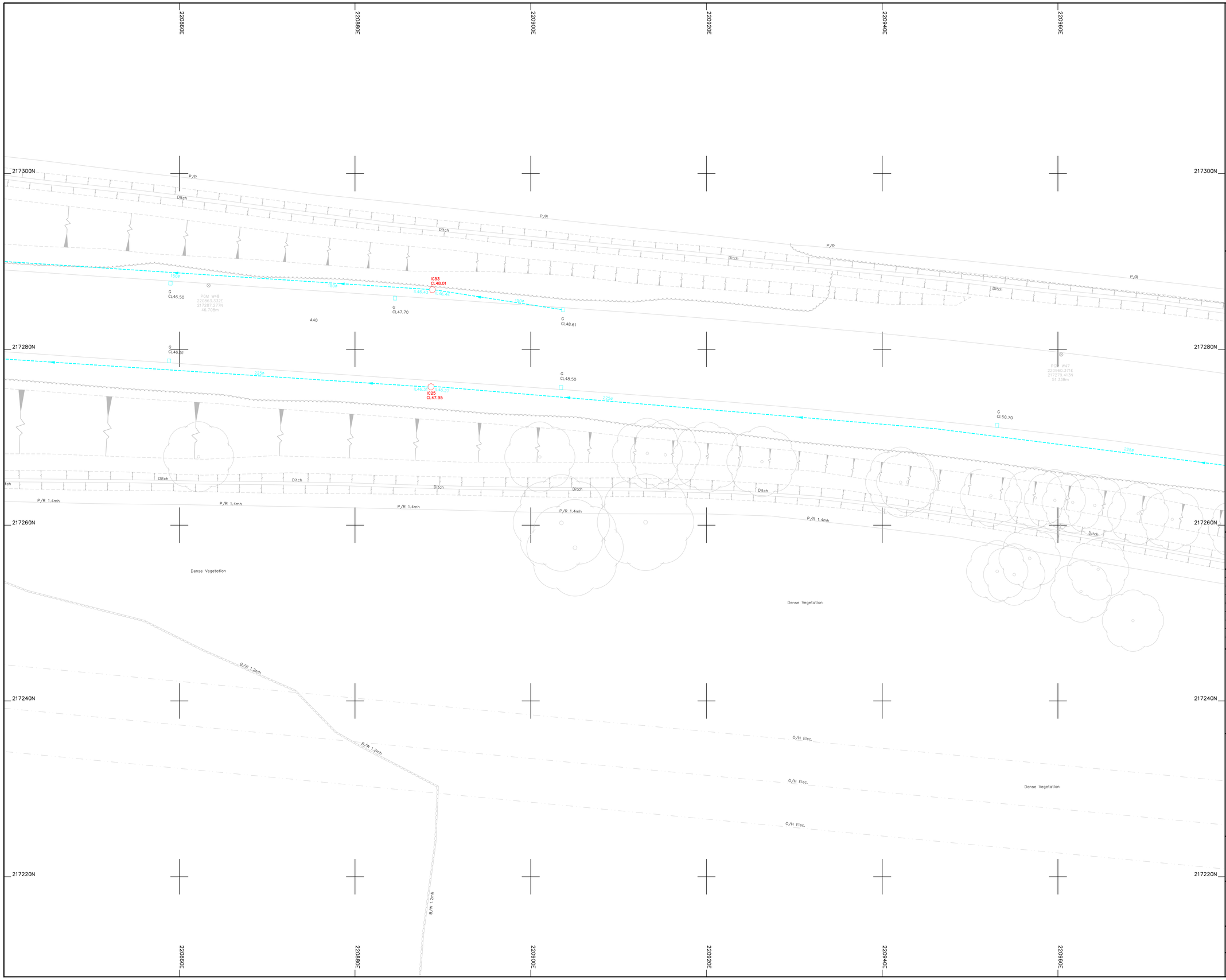
Cad File Name:
60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
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Permanent Ground Marker ⊗
O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul
Roof Level + RL36.36 ---------- U/G Storm
---------- End of Trace
UTL Unable to Lift
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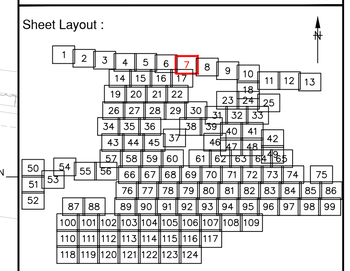
Sheet Layout :



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SWANSEA
SA1 1HE
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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 7 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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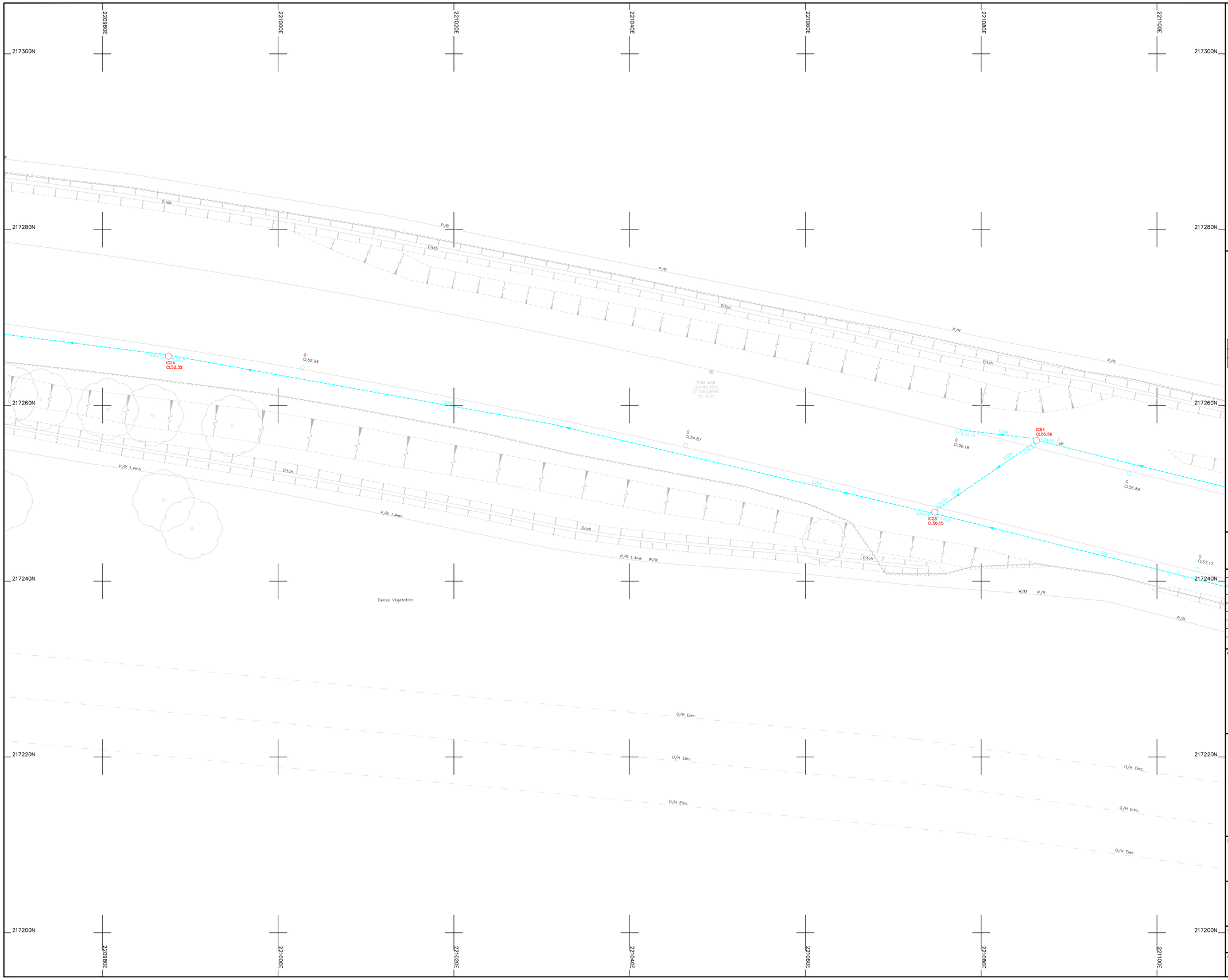
Cad File Name:
60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗
O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul
Roof Level + RL36.36 — U/G Storm
End of Trace
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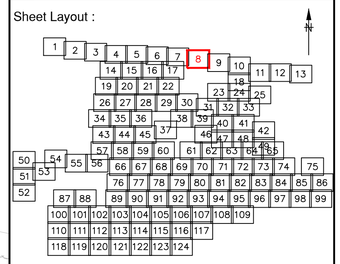
Sheet Layout :



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SWANSEA
SA1 1HE
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Fax 01792 203333

Project

Carmarthenshire
Site 12

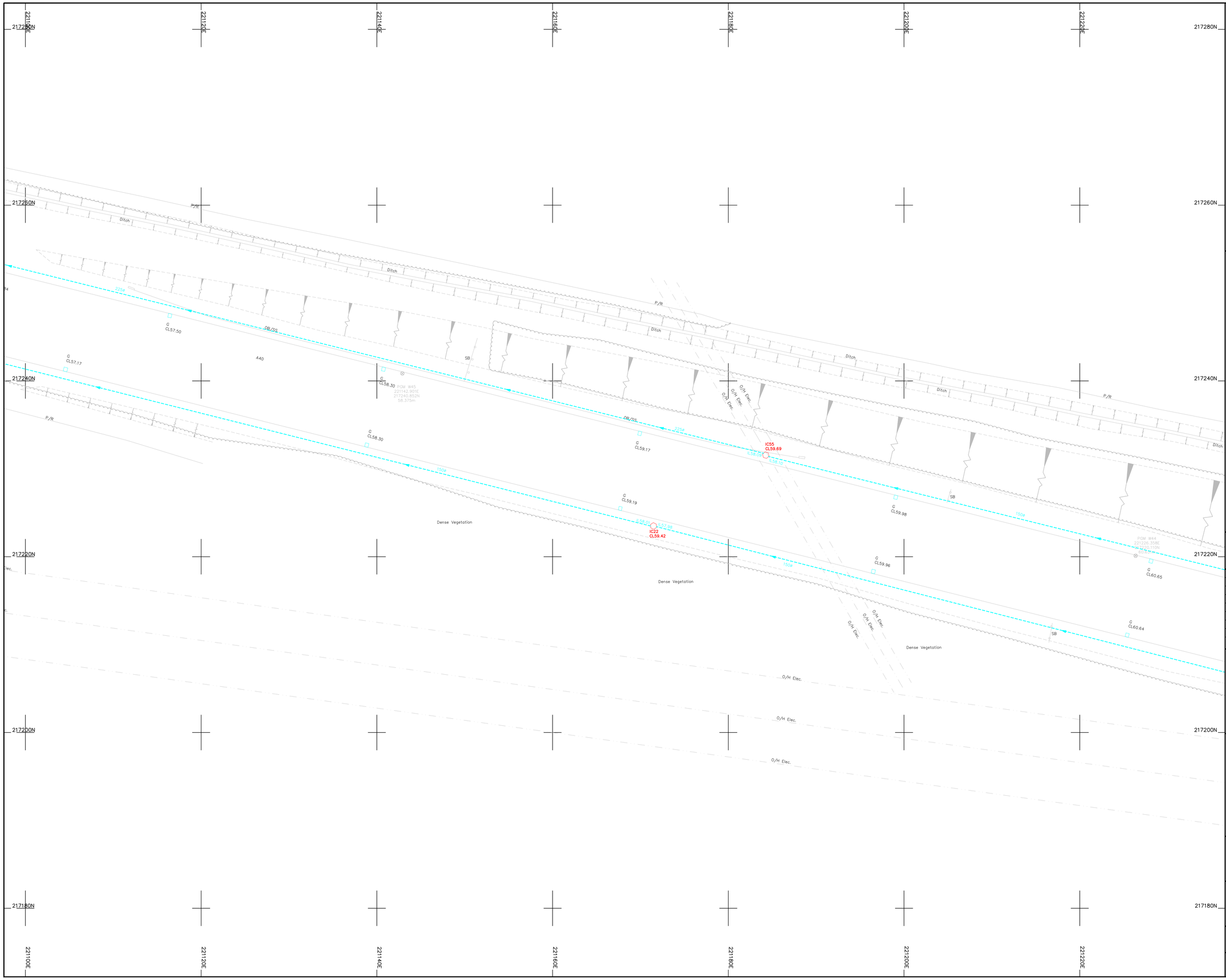
SHEET 8 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:
60014-MH-VDS-SITE12-DR-G-0001



Legend :

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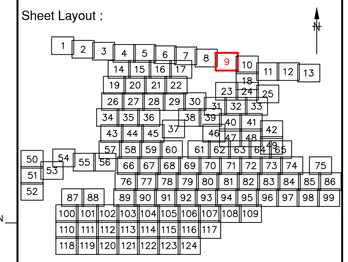
GP	Gate Post	TP	Telephone Pole
G	Gully	TS	Traffic Signal
Hyd	Hydrant	VP	Vent Pipe
I/R	Iron Railing	WM	Water Meter
IC	Inspection Cover	Tr	Water Trough
I/W	Interwoven	W/M	Wire Mesh Fence
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗
O.S. Bench Mark ⇑

Riverbed Level + BL36.36 — U/G Foul
Roof Level + RL36.36 — U/G Storm
End of Trace
UTL Unable to Lift
UTS Unable To Survey

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/06/23	JPD

CLIENT

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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
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Fax 01792 203333

Project

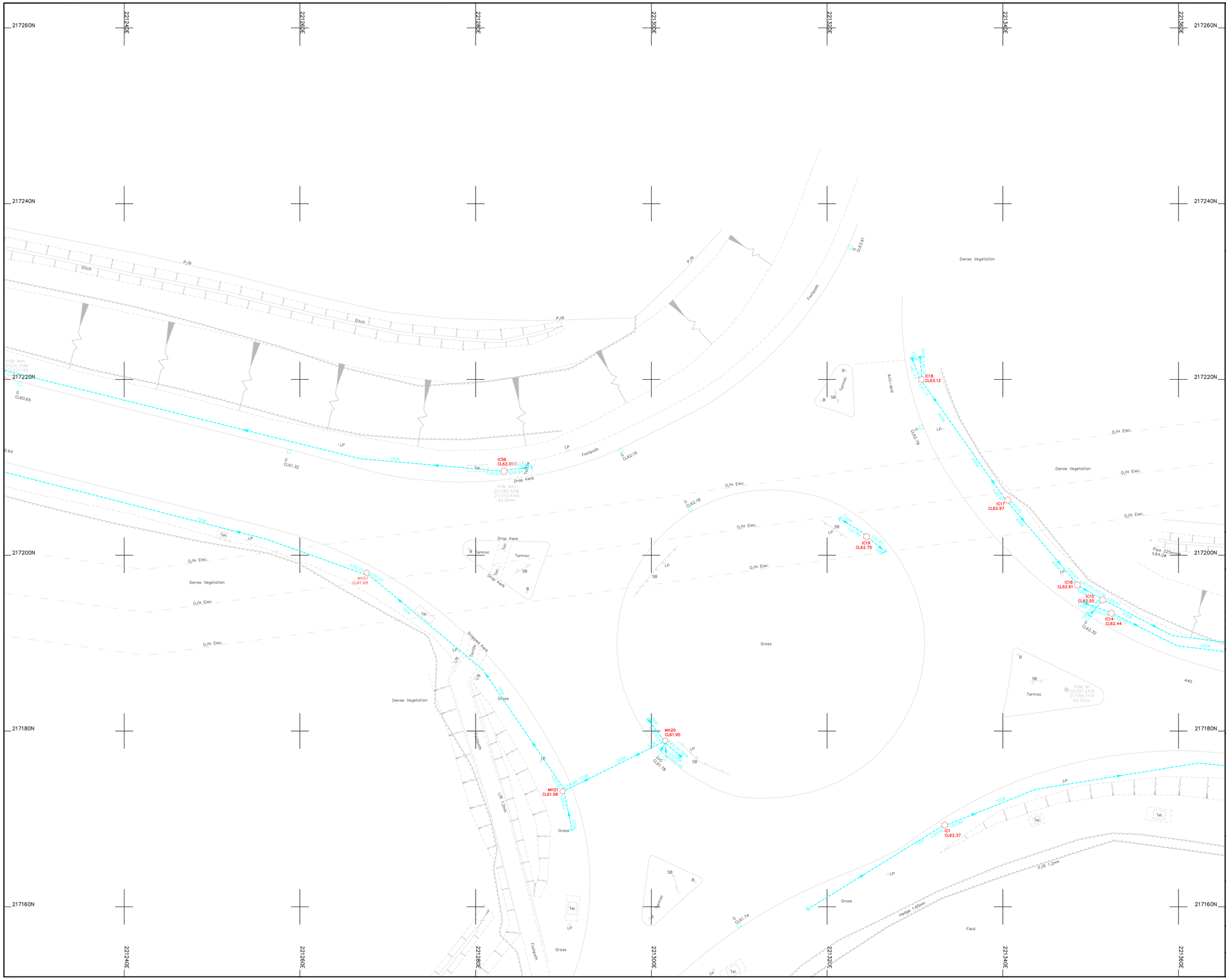
Carmarthenshire
Site 12
SHEET 9 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:
60014-MH-VDS-SITE12-DR-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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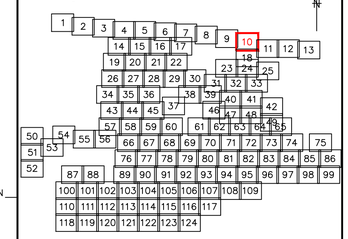
LP	Lamp Post		

Permanent Ground Marker ⊗
O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul
Roof Level + RL36.36 — U/G Storm
End of Trace
UTL Unable to Lift
UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 10 of 124

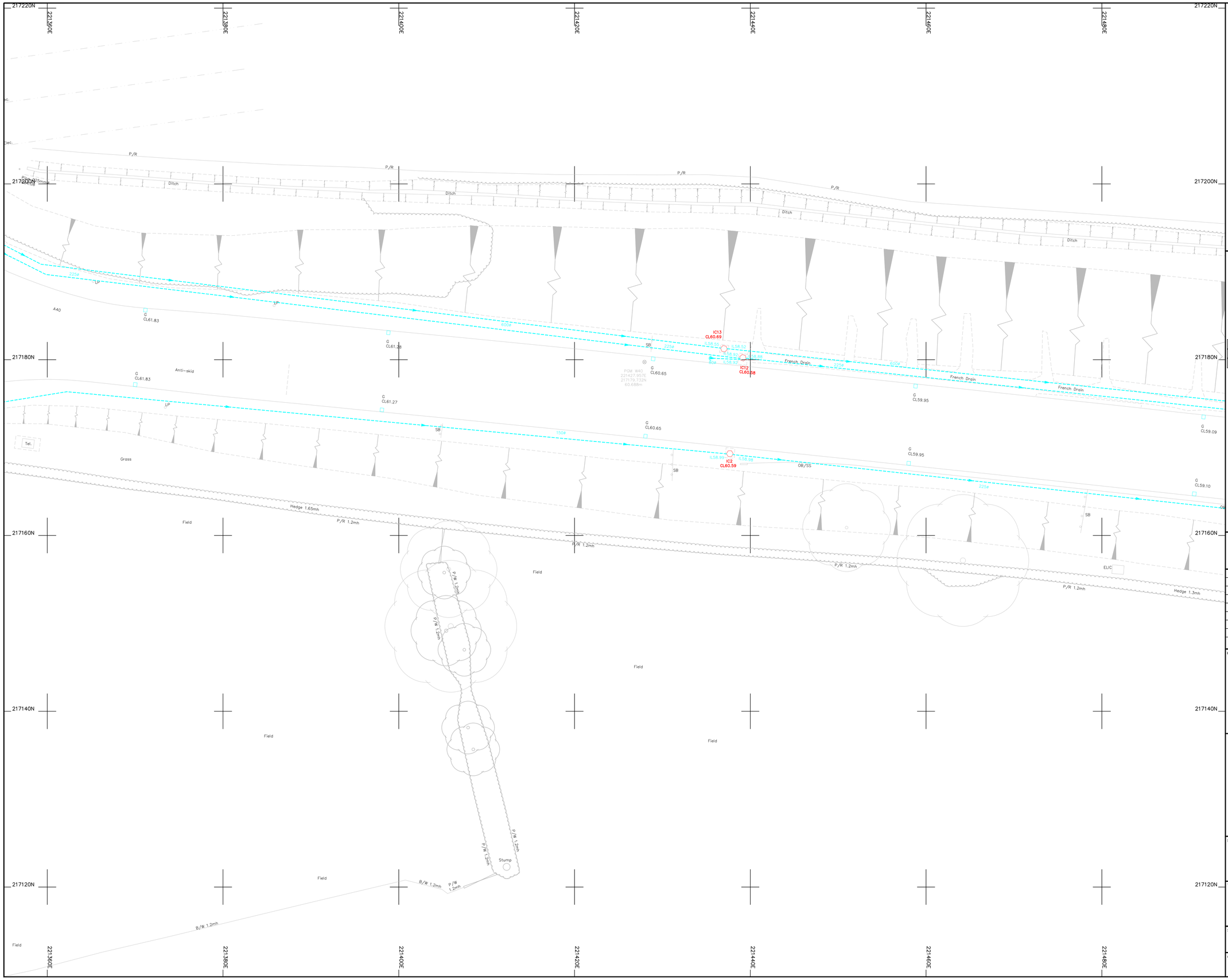
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

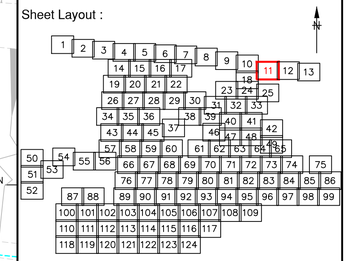
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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SWANSEA
SA1 1HE
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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 11 of 124

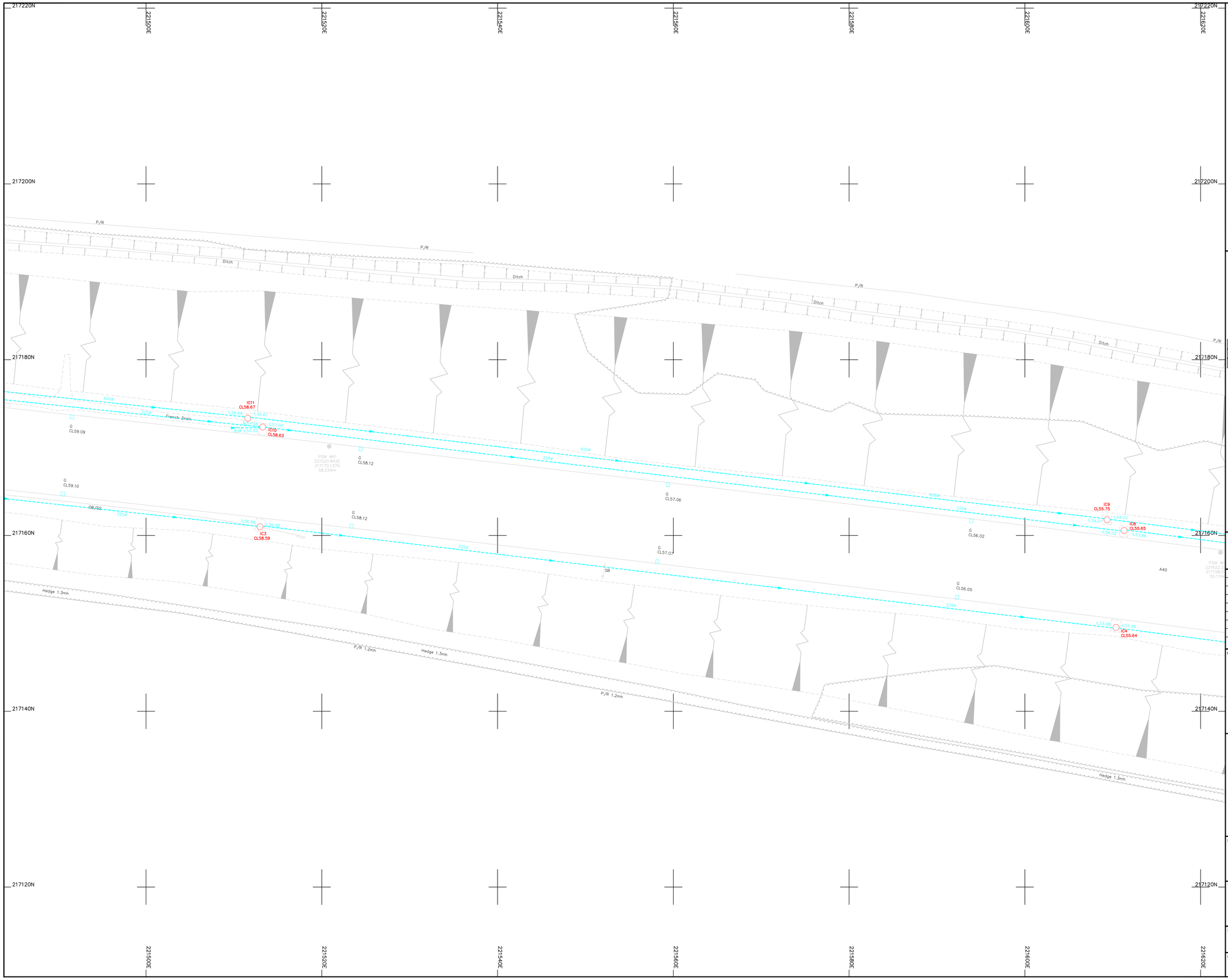
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

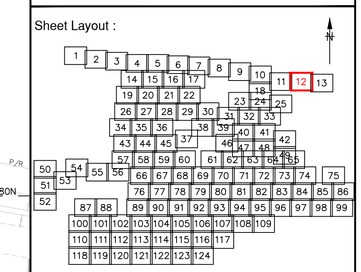
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 12 of 124

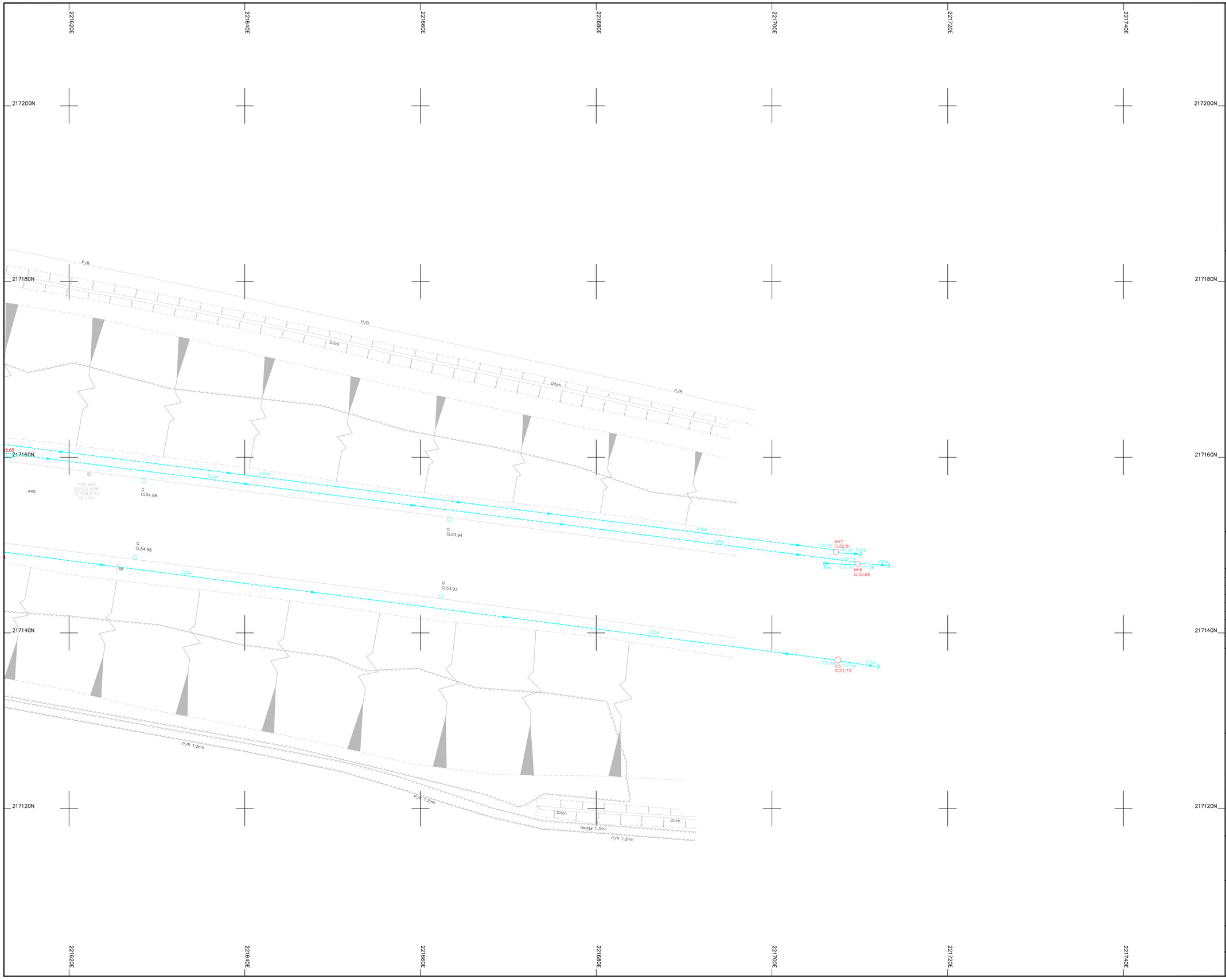
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

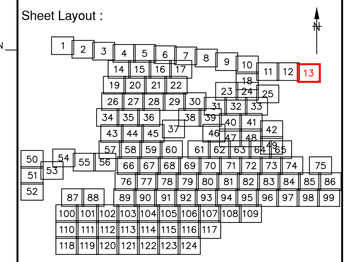
Roof Level + RL36.36 ---------- U/G Storm

---------> End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CHARTERED LAND SURVEYORS

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

Project

Carmarthenshire
Site 12
SHEET 13 of 124

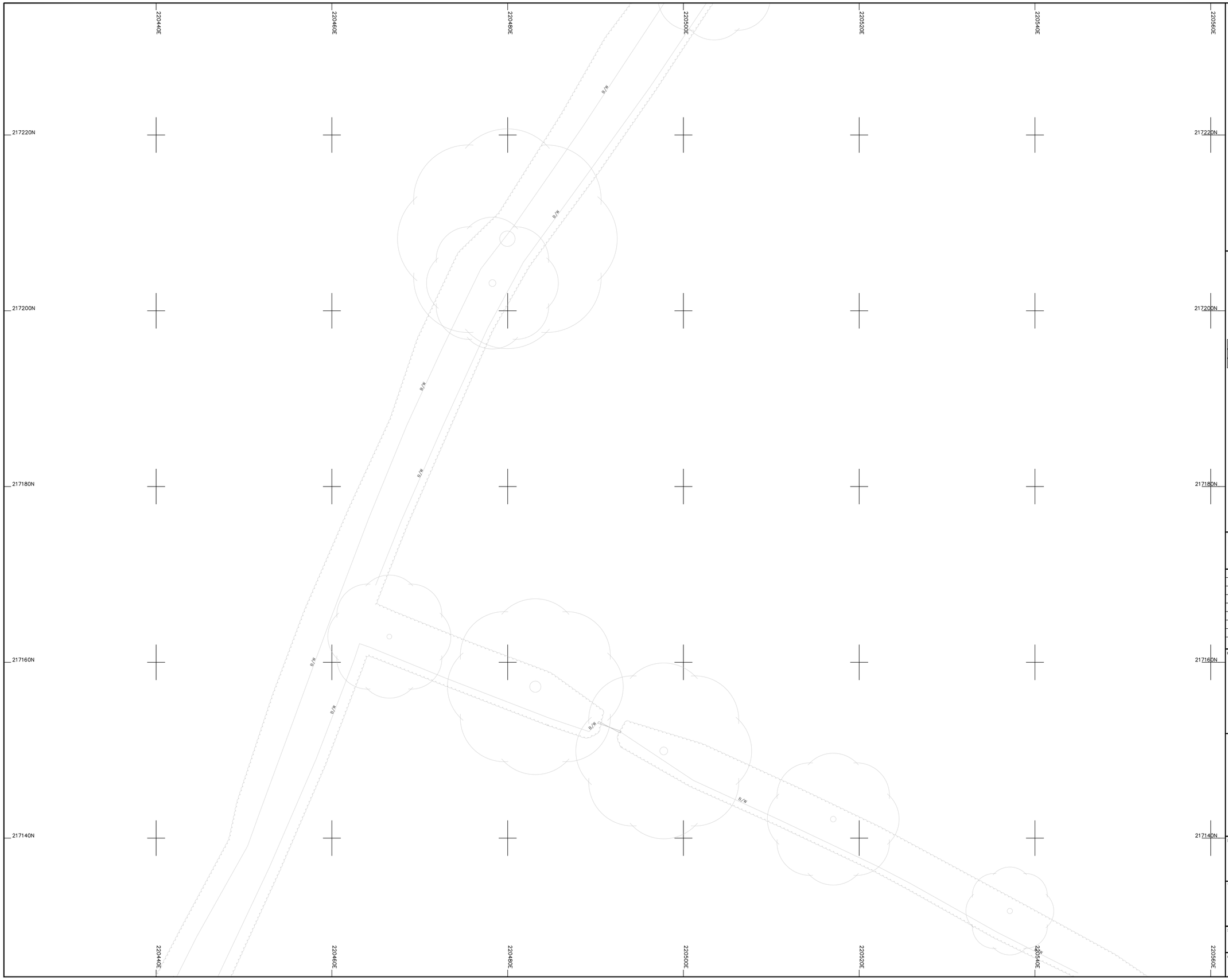
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

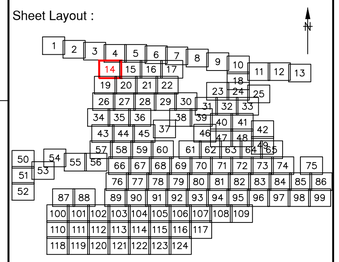
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CHARTERED LAND SURVEYORS

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

Project

Carmarthenshire
Site 12
SHEET 14 of 124

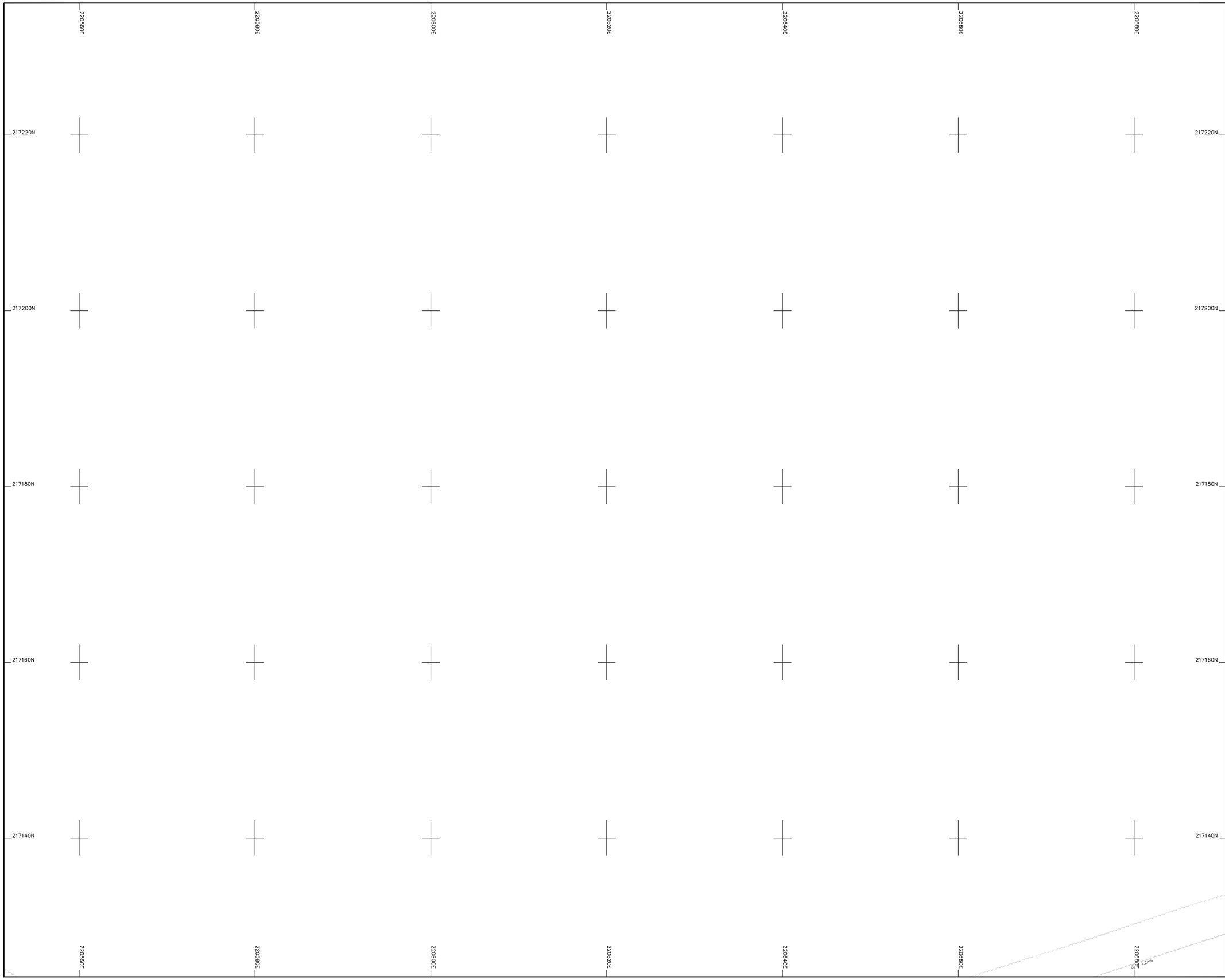
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

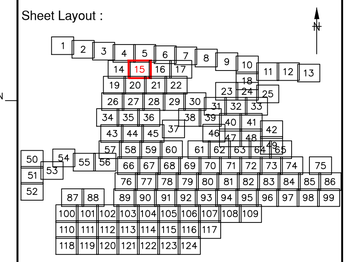
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Project

Carmarthenshire
Site 12
SHEET 15 of 124

Title

DRAINAGE
SURVEY

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

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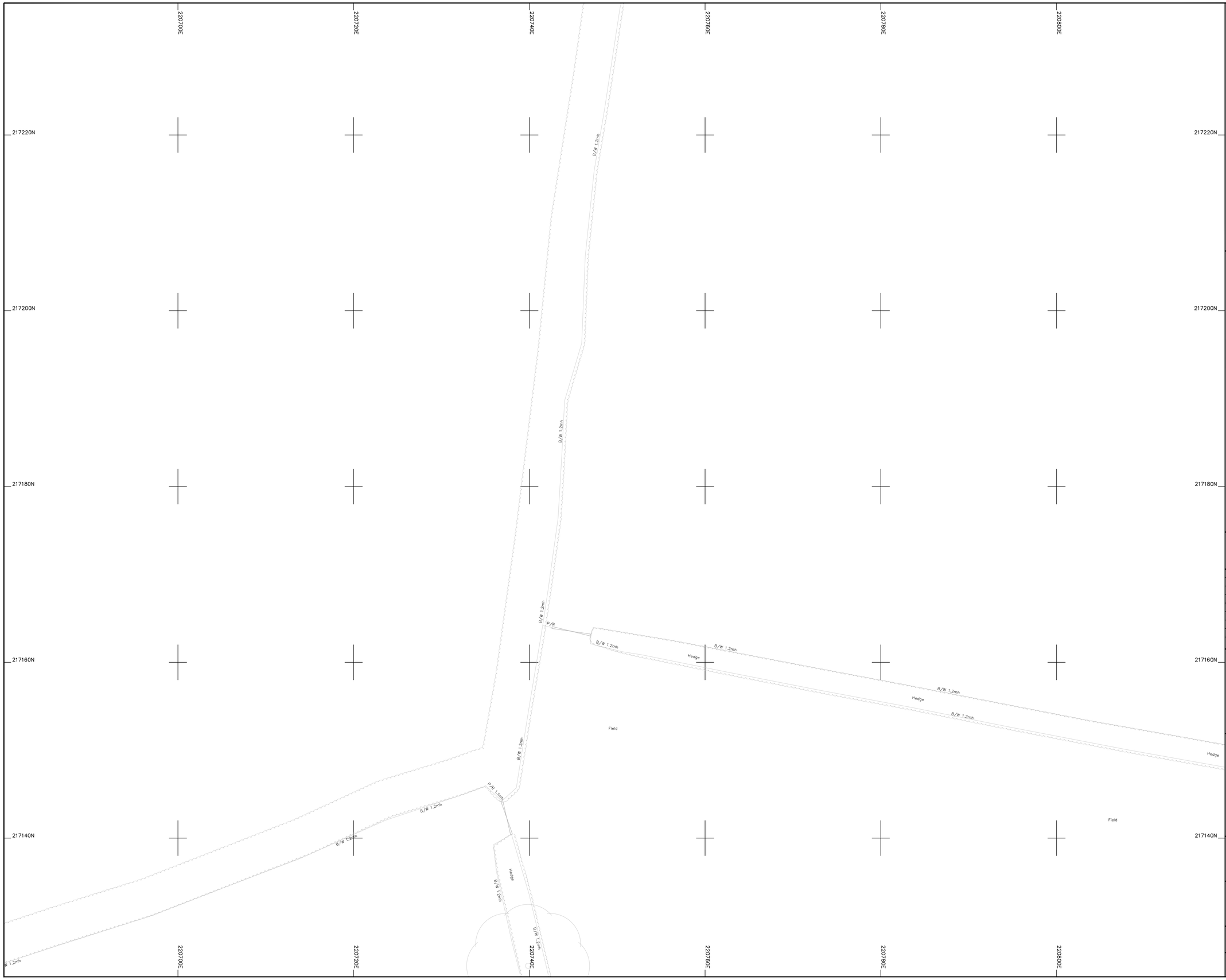

Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

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---------- End of Trace

UTL Unable to Lift

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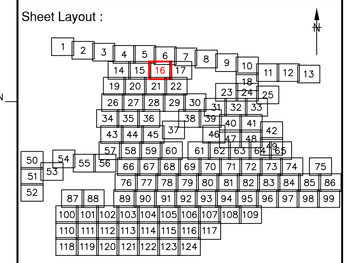
Sheet Layout :



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Project

Carmarthenshire
Site 12
SHEET 16 of 124

Title

DRAINAGE
SURVEY

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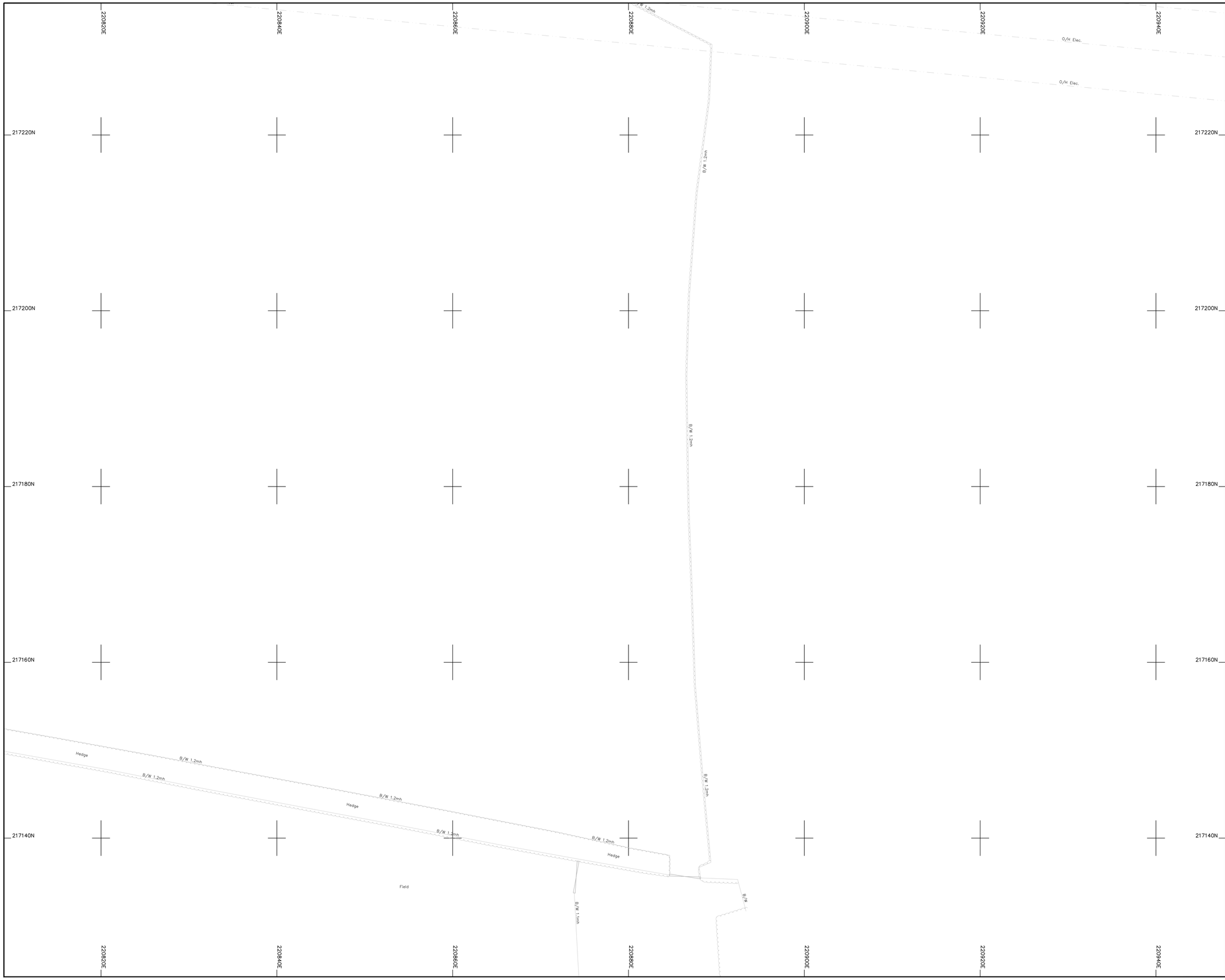
Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗
O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul
Roof Level + RL36.36 — U/G Storm
End of Trace
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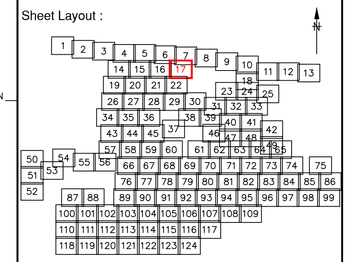
Sheet Layout :



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CLIENT

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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

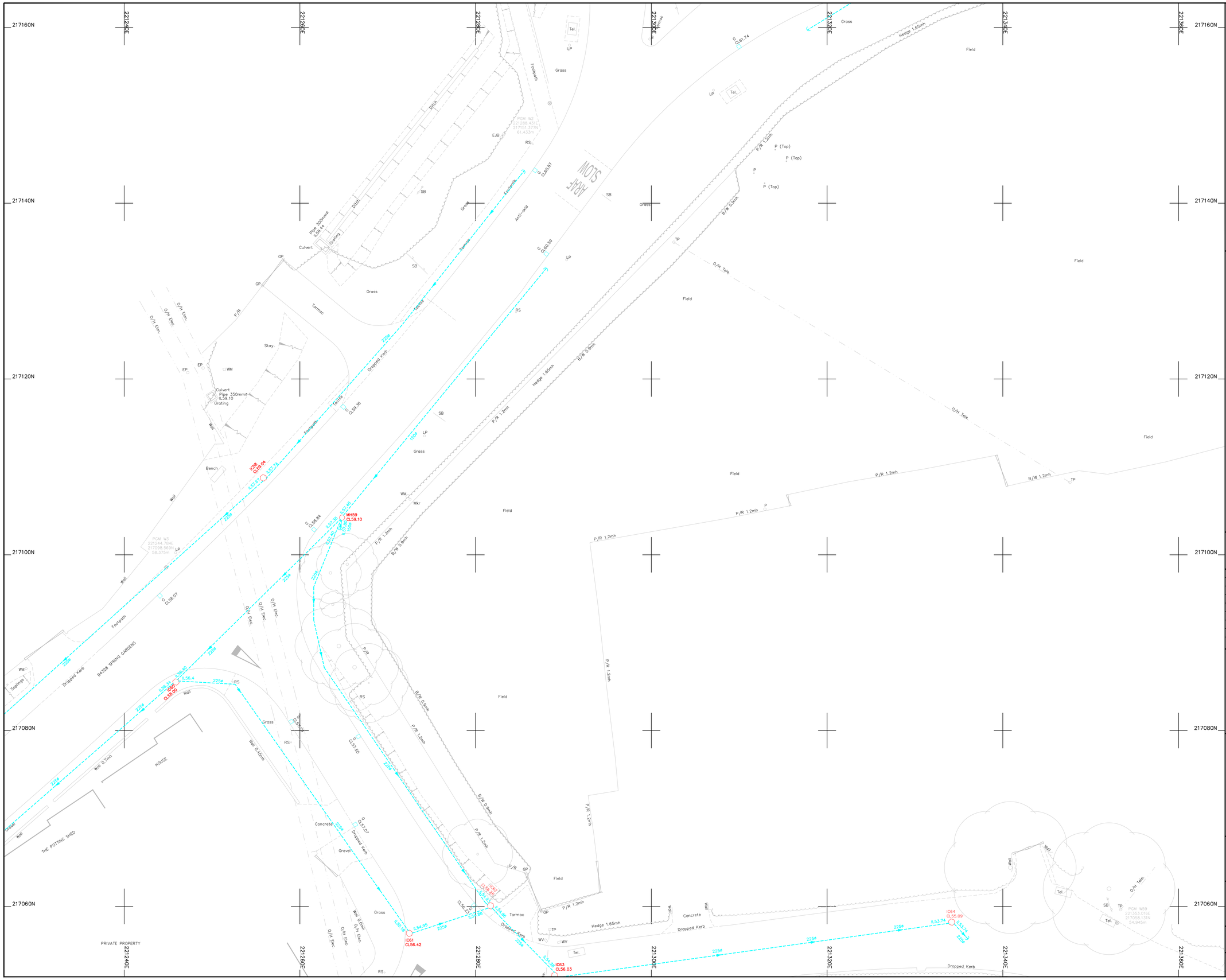
Carmarthenshire
Site 12
SHEET 17 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:
60014-MH-VDS-SITE12-DR-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
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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 ↑

Riverbed Level + BL36.36 — U/G Foul

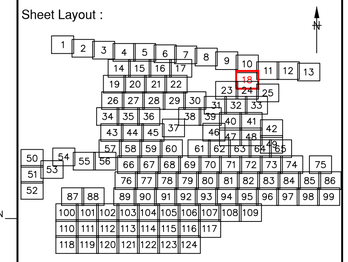
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



Notes :

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Project

Carmarthenshire
Site 12

SHEET 18 of 124

Title

DRAINAGE SURVEY

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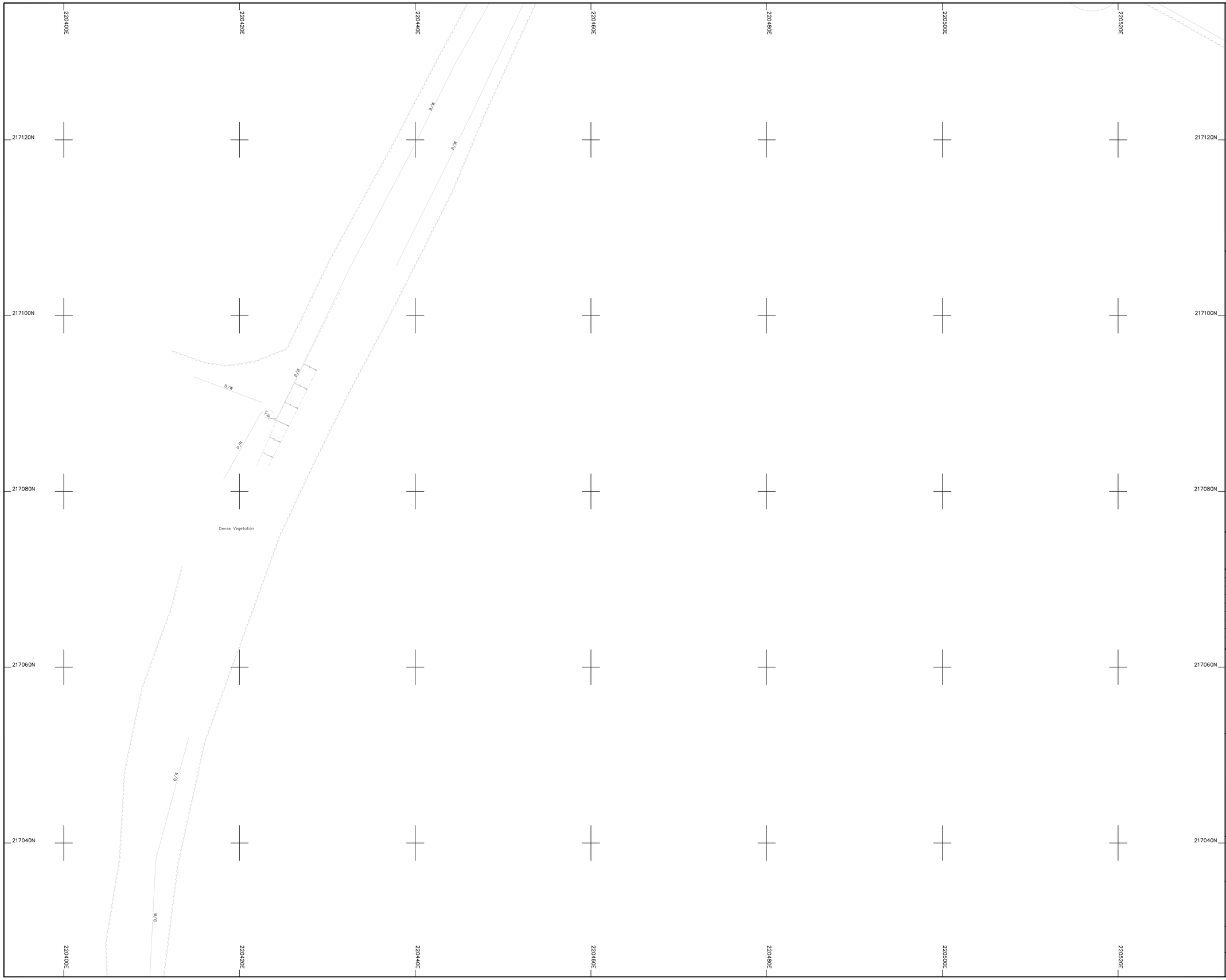
Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

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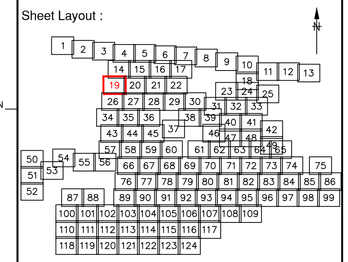

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Project

Carmarthenshire
Site 12

SHEET 19 of 124

Title

DRAINAGE SURVEY

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Cad File Name:

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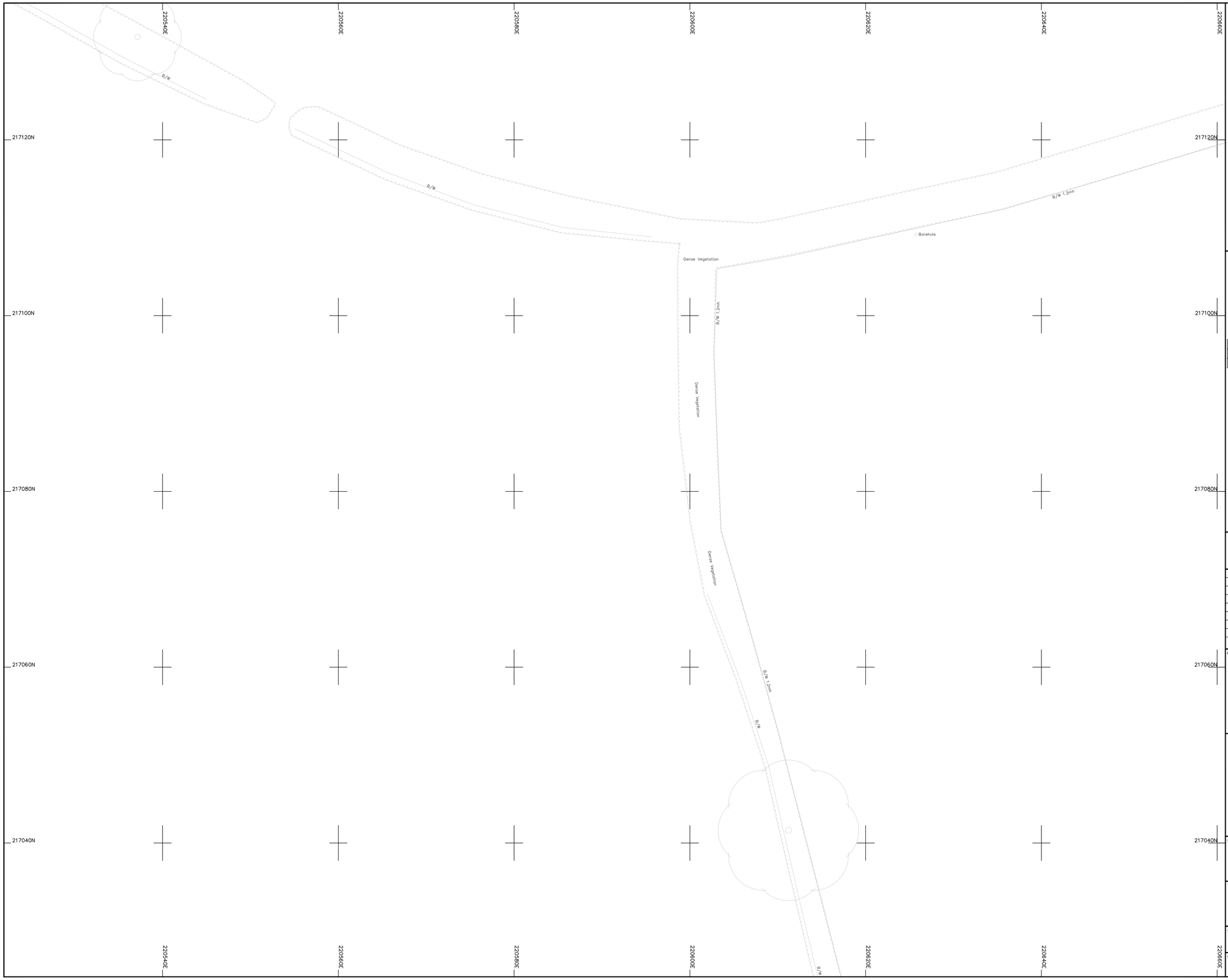

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Permanent Ground Marker ⊗
O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul
Roof Level + RL36.36 — U/G Storm
End of Trace
UTL Unable to Lift
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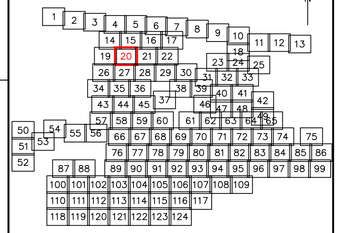
Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 20 of 124

Title

DRAINAGE
SURVEY

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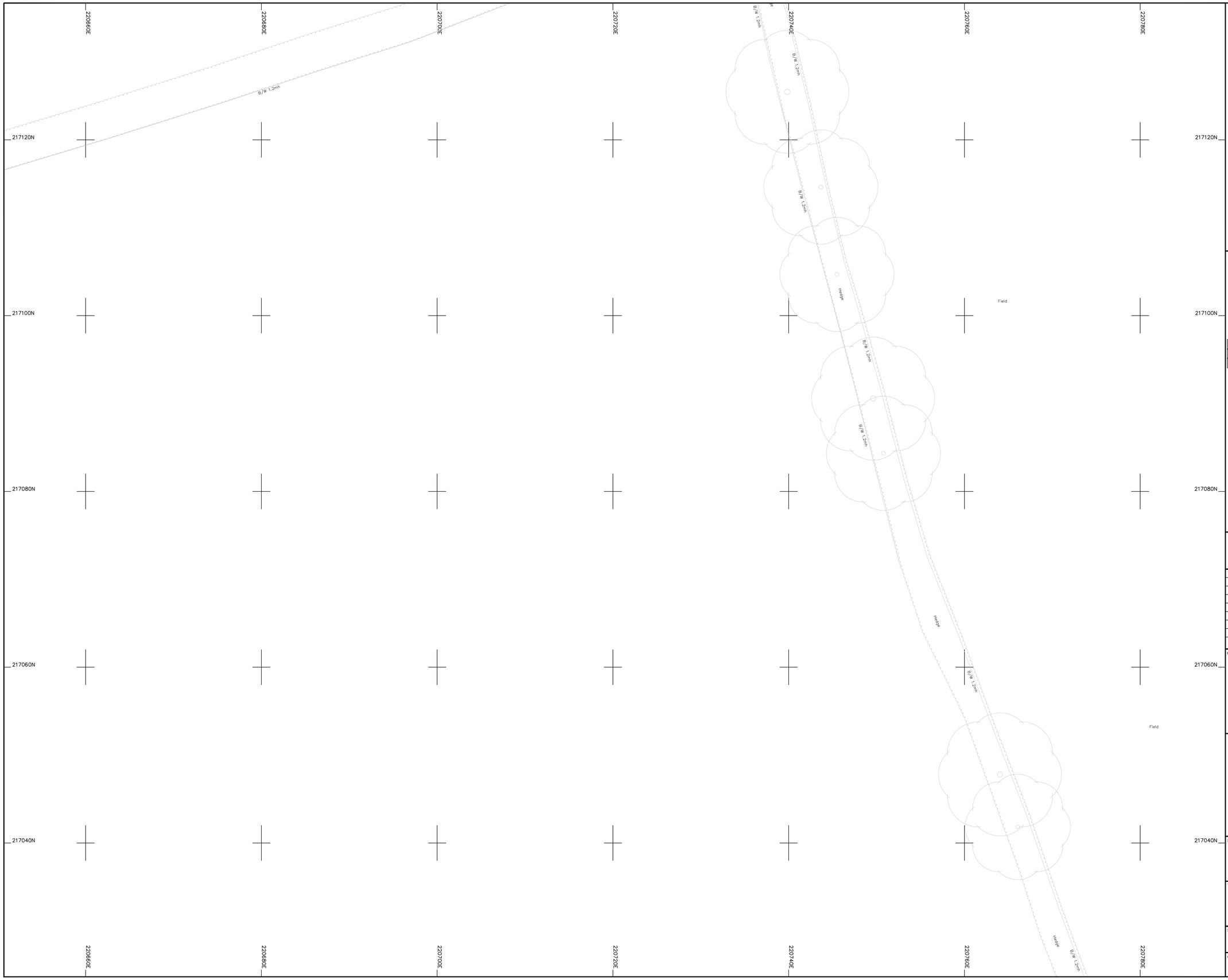

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

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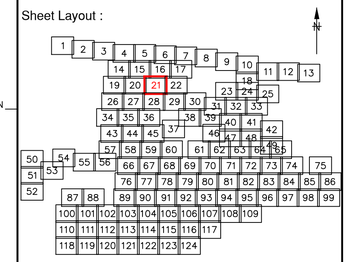
End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 21 of 124

Title

DRAINAGE SURVEY

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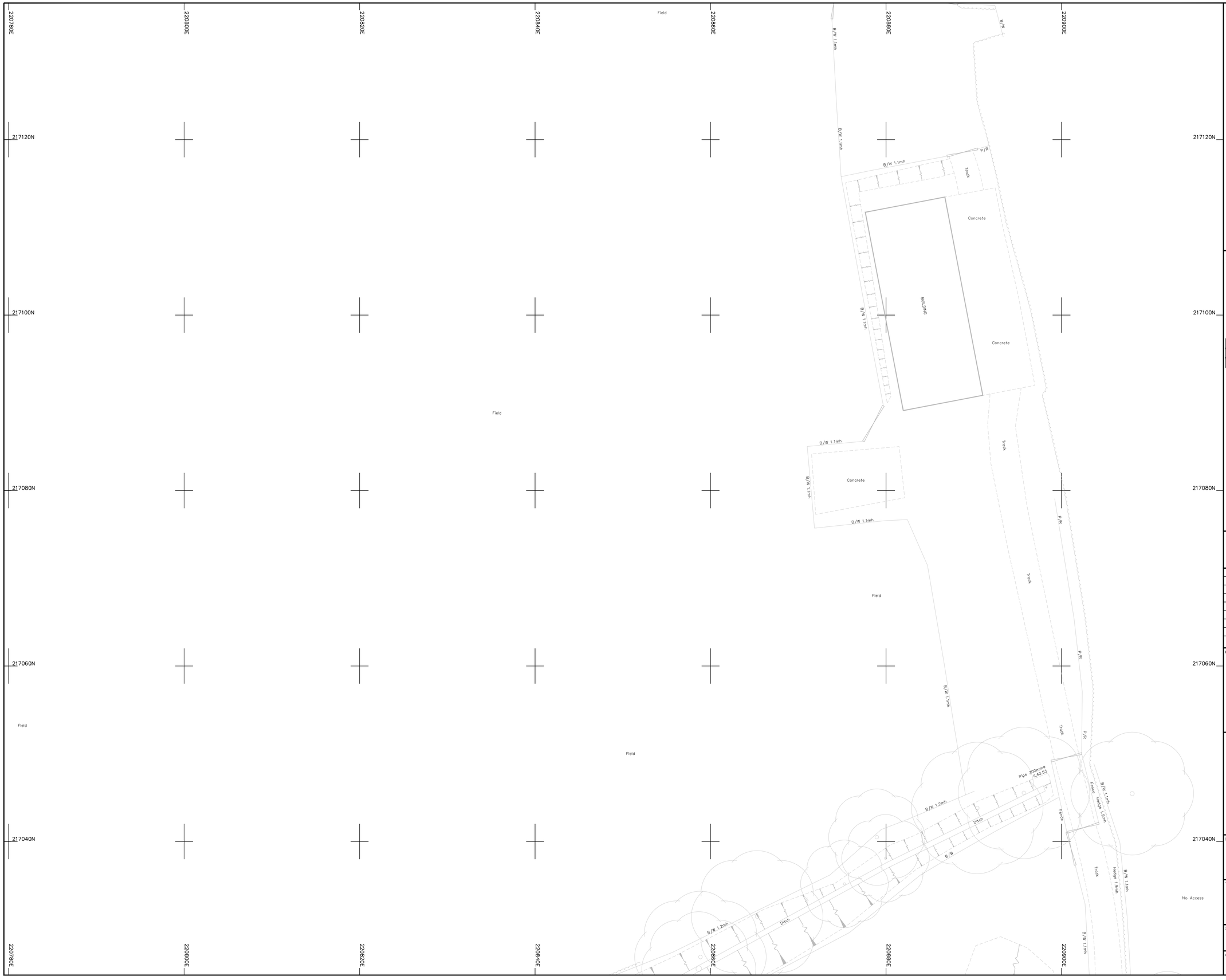
Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗
O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul
Roof Level + RL36.36 — U/G Storm
End of Trace
UTL Unable to Lift
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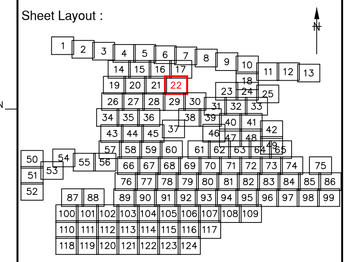
Sheet Layout :



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SWANSEA
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Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 22 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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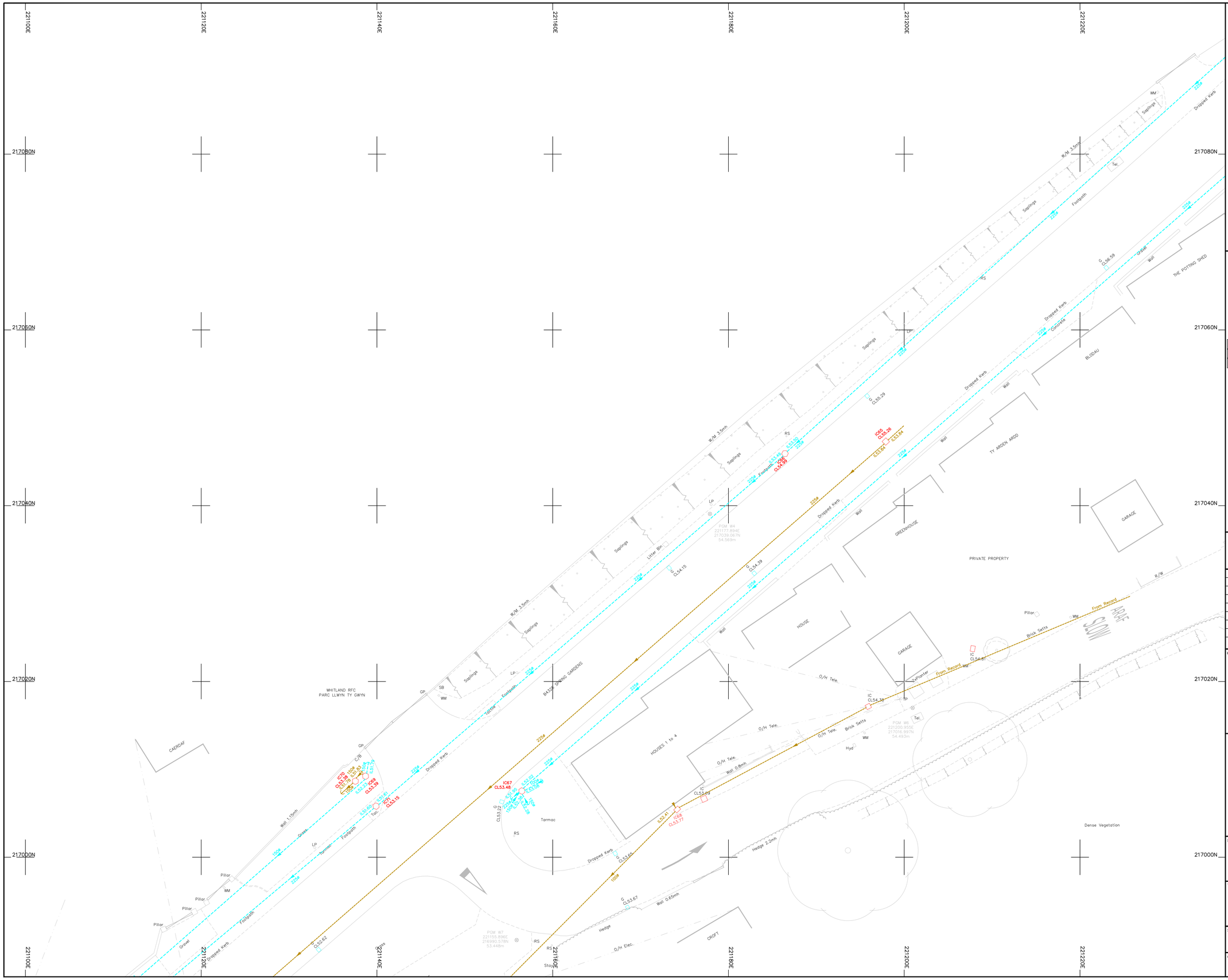
Cad File Name:
60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + RL36.36 — U/G Foul

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End of Trace

UTL Unable to Lift

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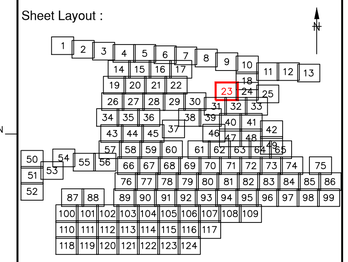
Sheet Layout :



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SA1 1HE
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Project

Carmarthenshire
Site 12
SHEET 23 of 124

Title

DRAINAGE SURVEY

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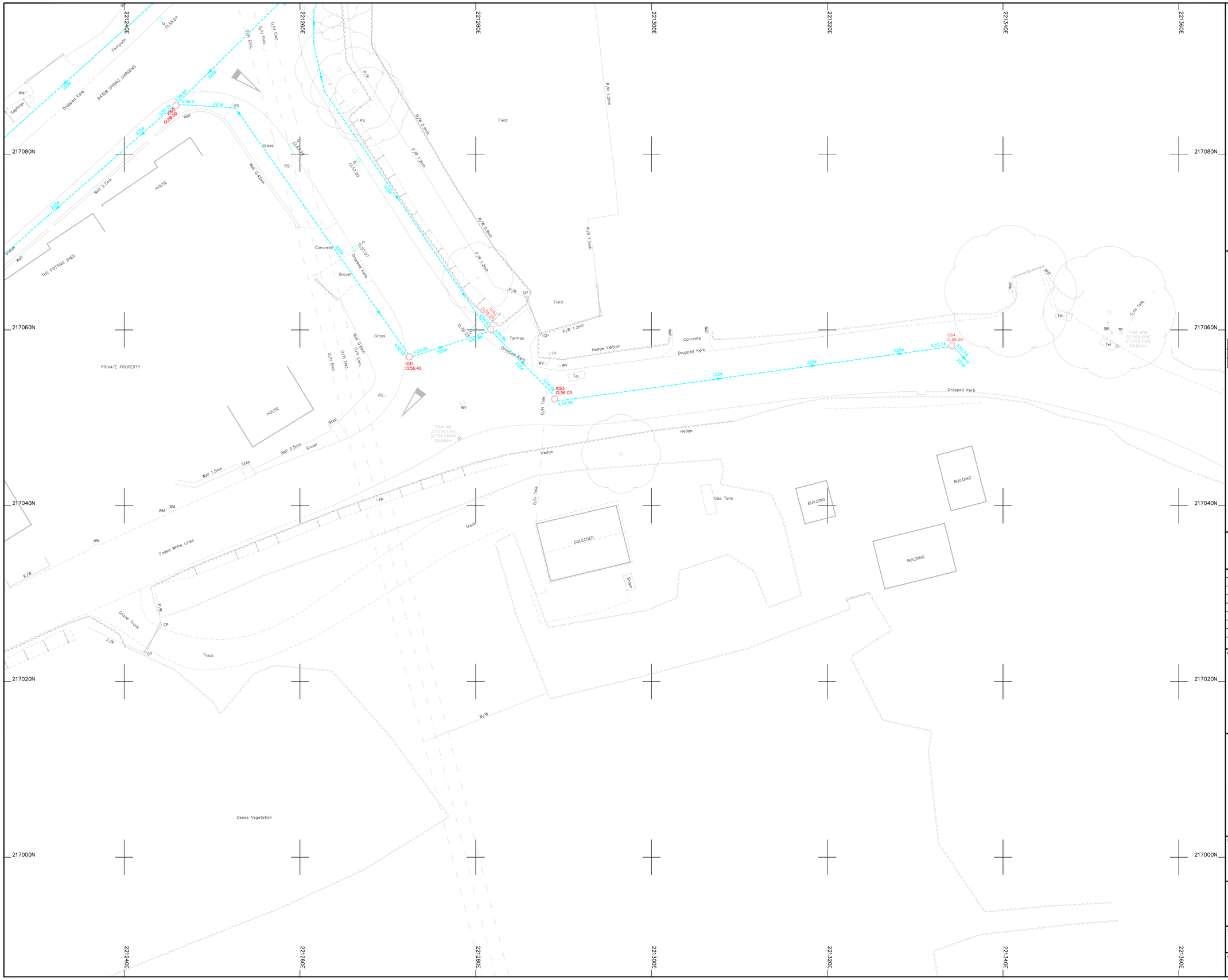
60014-MH-VDS-SITE12-DR-G-0001



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Riverbed Level + RL36.36 — U/G Foul

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End of Trace

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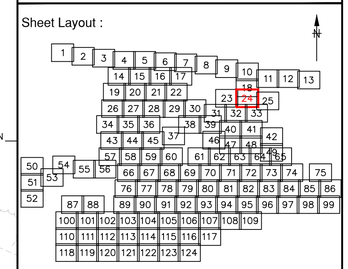

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Carmarthenshire
Site 12
SHEET 24 of 124

Title

DRAINAGE SURVEY

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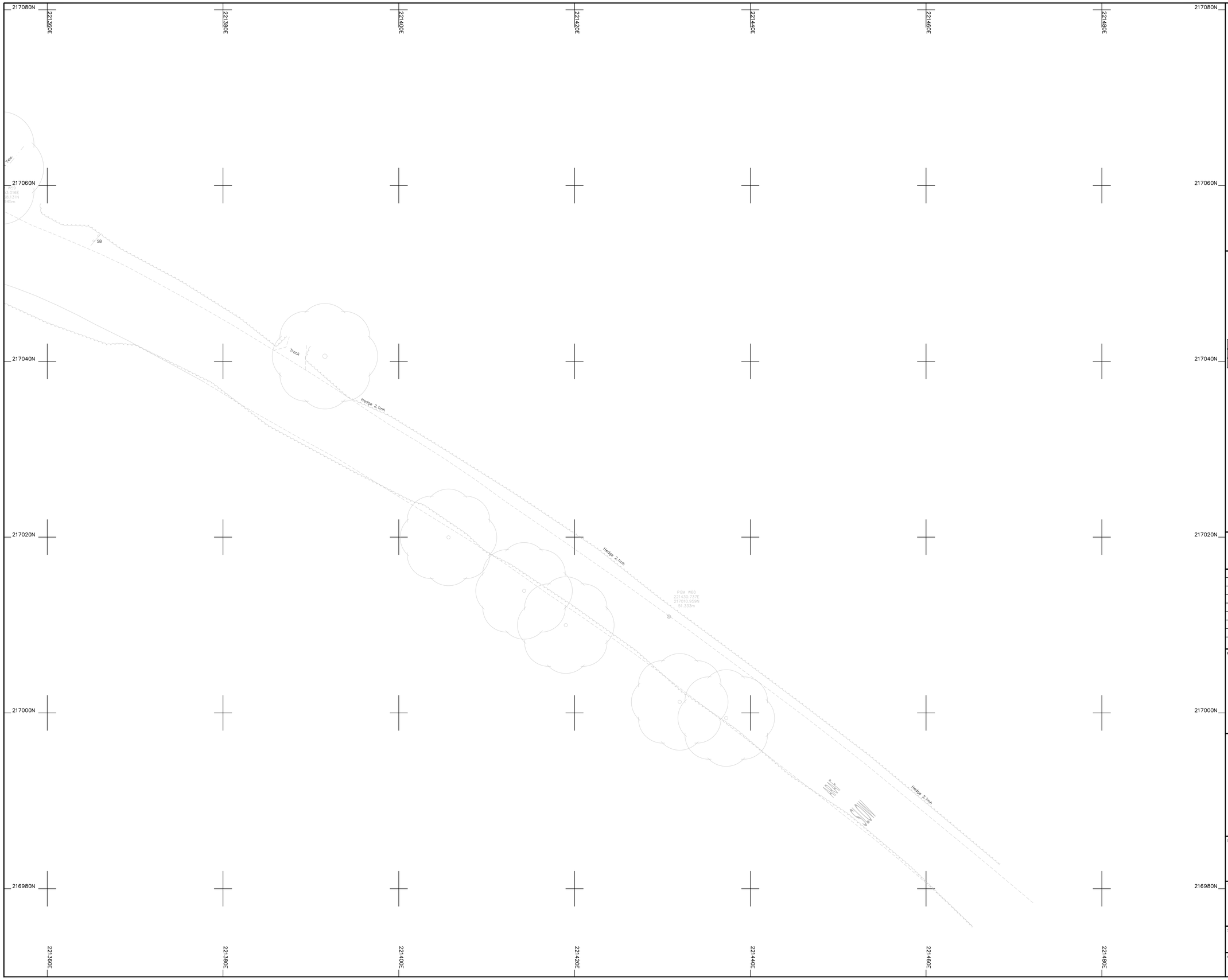

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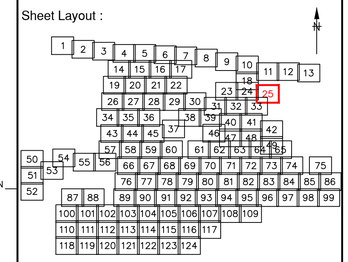

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Project

Carmarthenshire
Site 12

SHEET 25 of 124

Title

DRAINAGE
SURVEY

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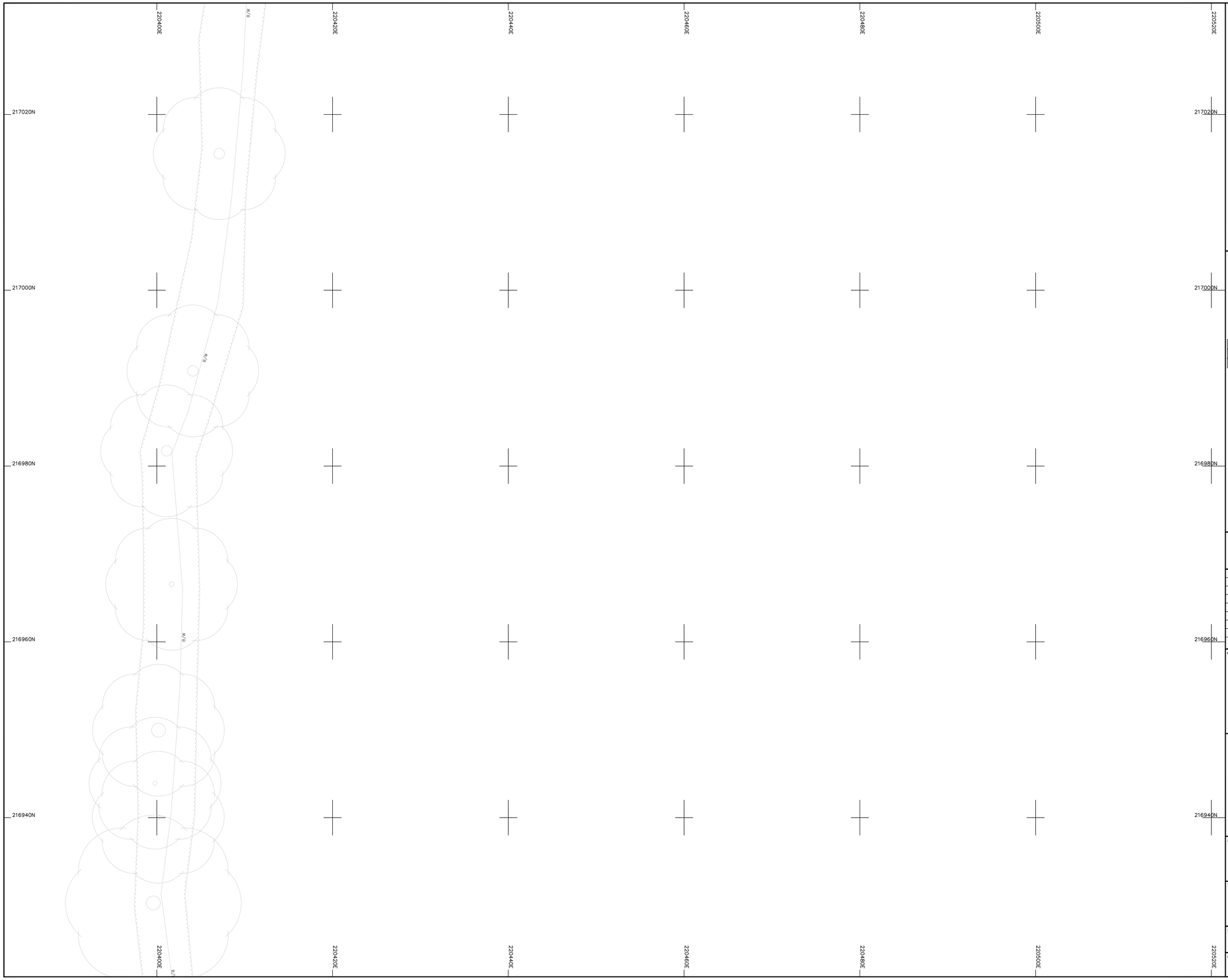

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C/P	Chestnut Paling	PM	Parking Meter
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C/B	Close Boarded	P/C	Post and Chain
C/I	Corrugated Iron	P/R	Post and Rail
Cul	Culvert	P/W	Post and Wire
DP	Drain Pipe	RWP	Rain Water Pipe
DL	Detector Loop	RP	Reflector Post
EJB	Electricity Junction Box	R/W	Retaining Wall
EP	Electricity Pole	RG	Road Gully
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

Riverbed Level + BL36.36 — U/G Foul

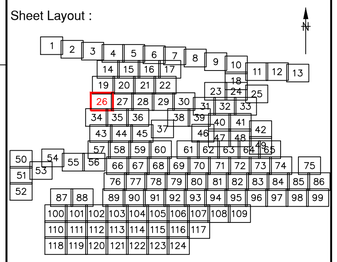
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/06/23	JPD

CLIENT

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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

MALCOLM HUGHES
CHERRY TREE HOUSE
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Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 26 of 124

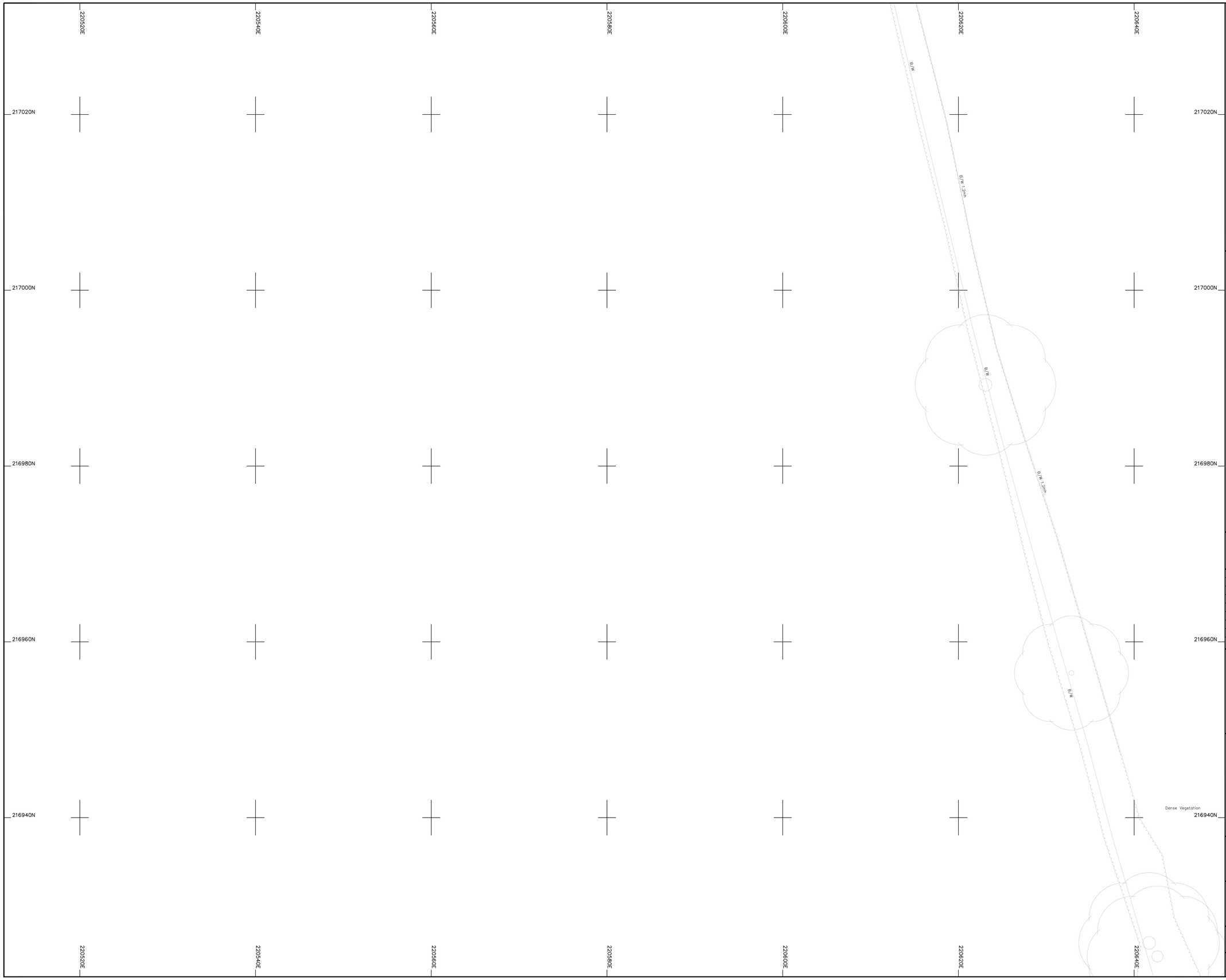
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-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
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LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

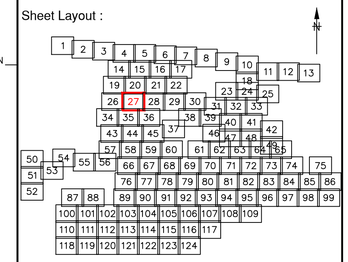
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CHARTERED LAND SURVEYORS

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Project

Carmarthenshire
Site 12

SHEET 27 of 124

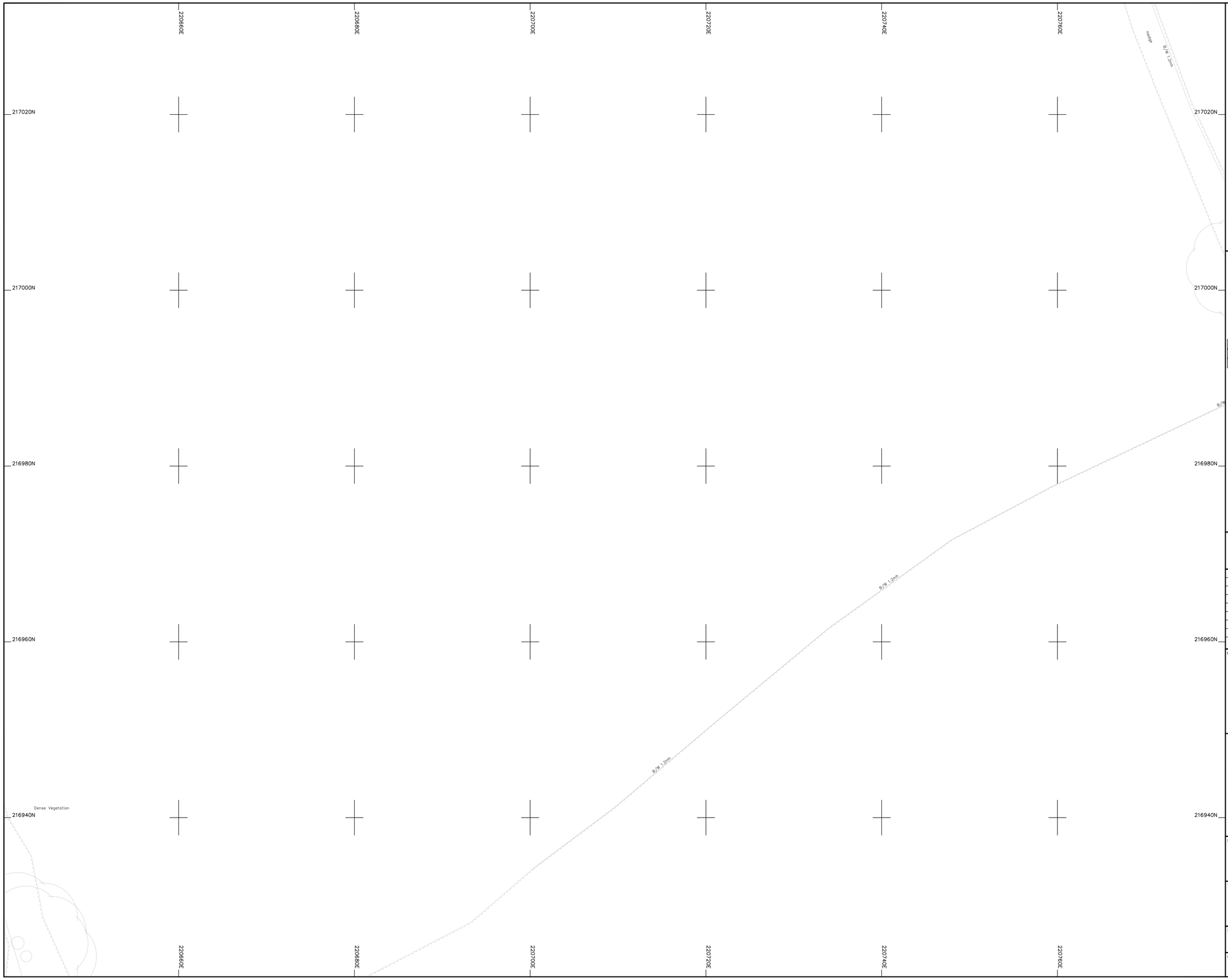
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

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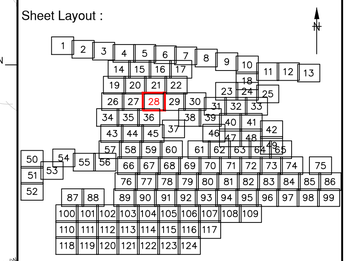
Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 28 of 124

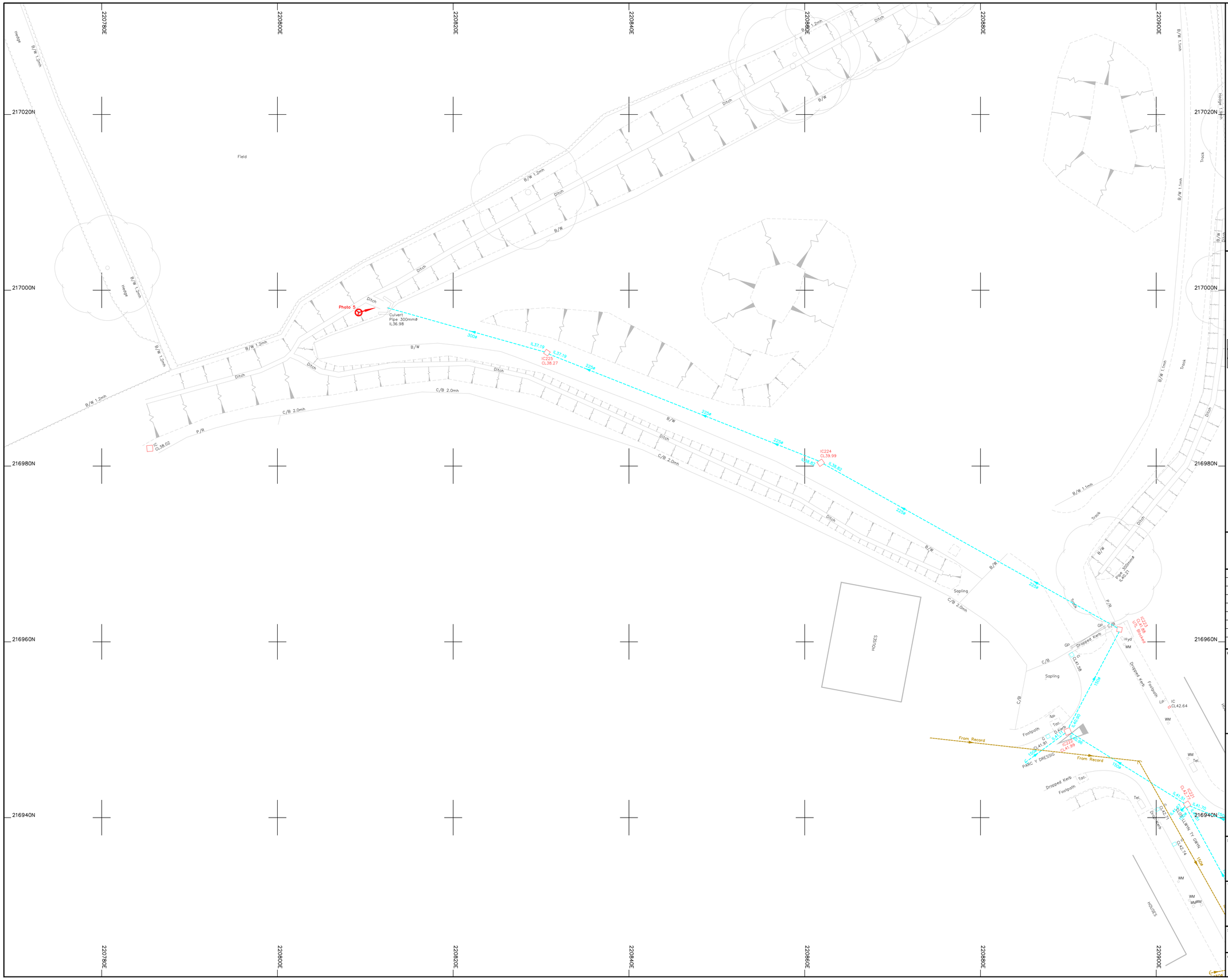
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

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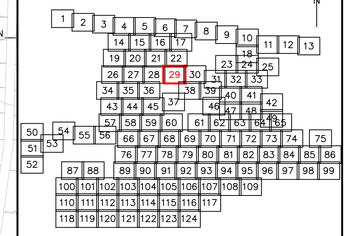
Sheet Layout :



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Project

Carmarthenshire
Site 12

SHEET 29 of 124

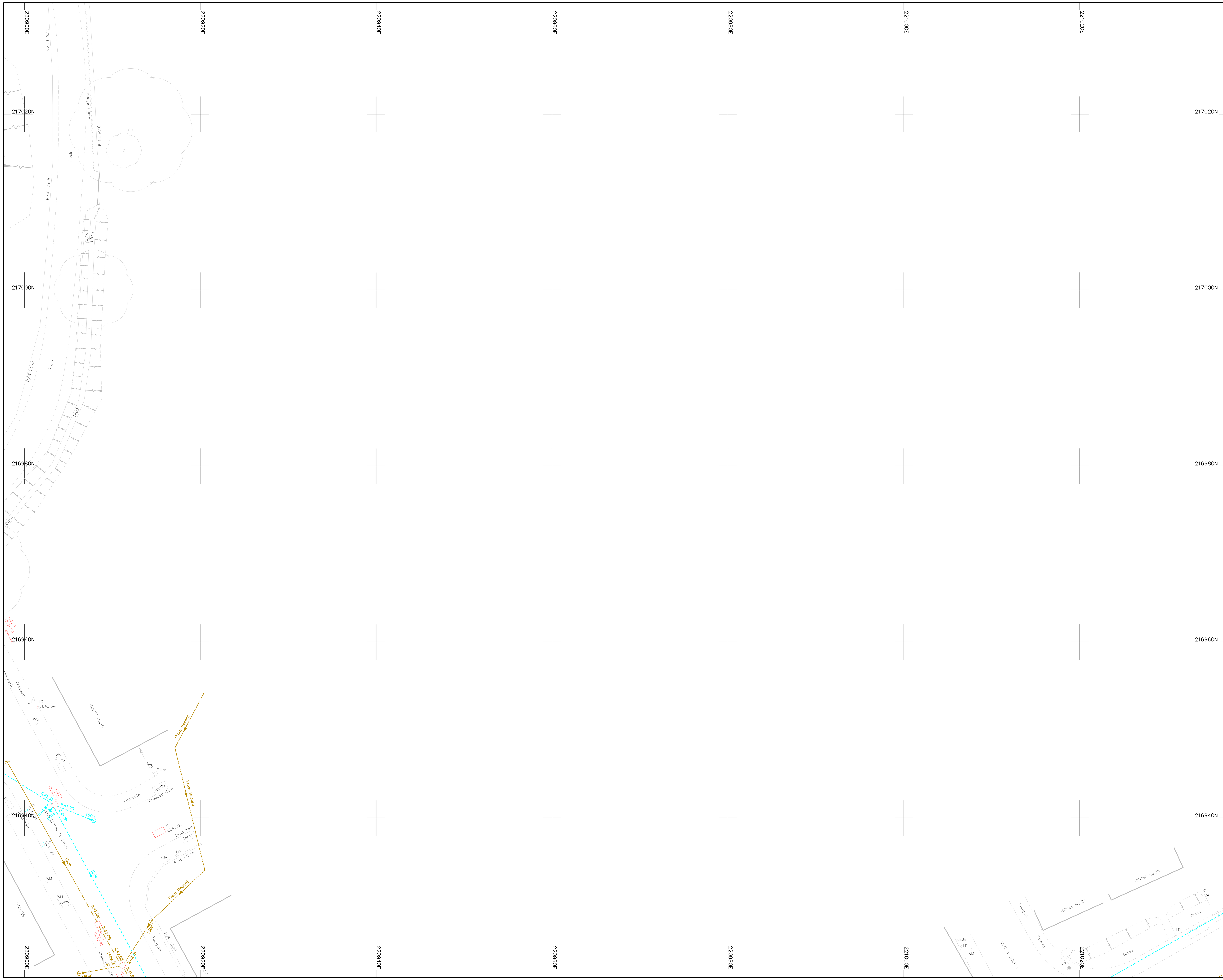
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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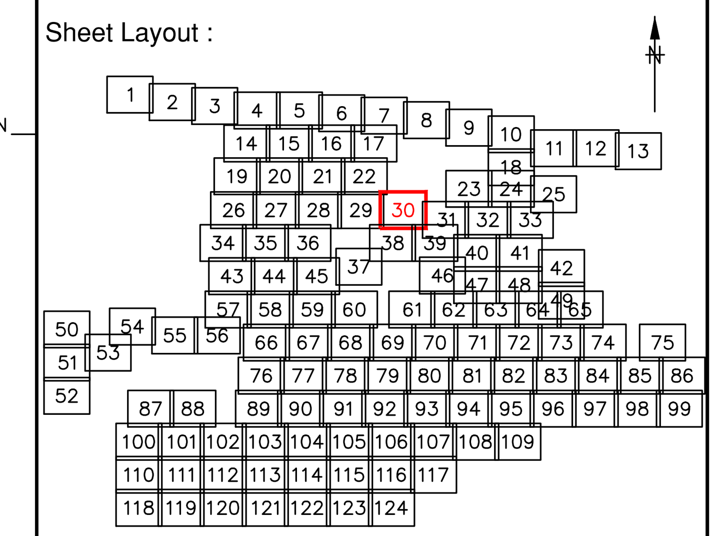
Permanent Ground Marker ⊗
O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul
Roof Level + RL36.36 — U/G Storm
End of Trace
UTL Unable to Lift
UTS Unable To Survey

Sheet Layout :



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Project

Carmarthenshire
Site 12
SHEET 30 of 124

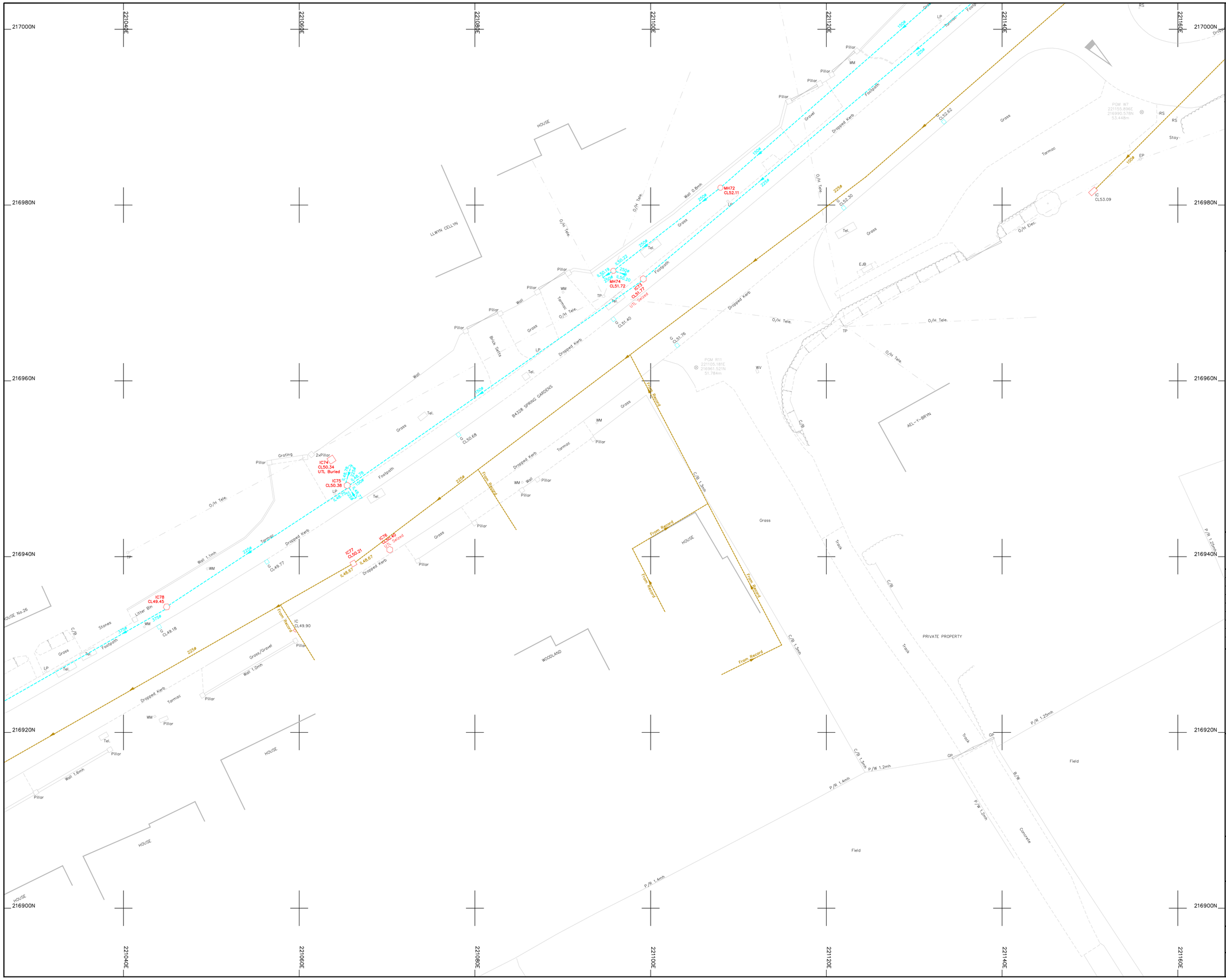
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + RL36.36 — U/G Foul

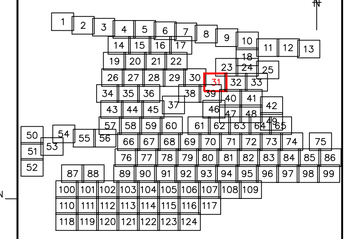
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

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SWANSEA
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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 31 of 124

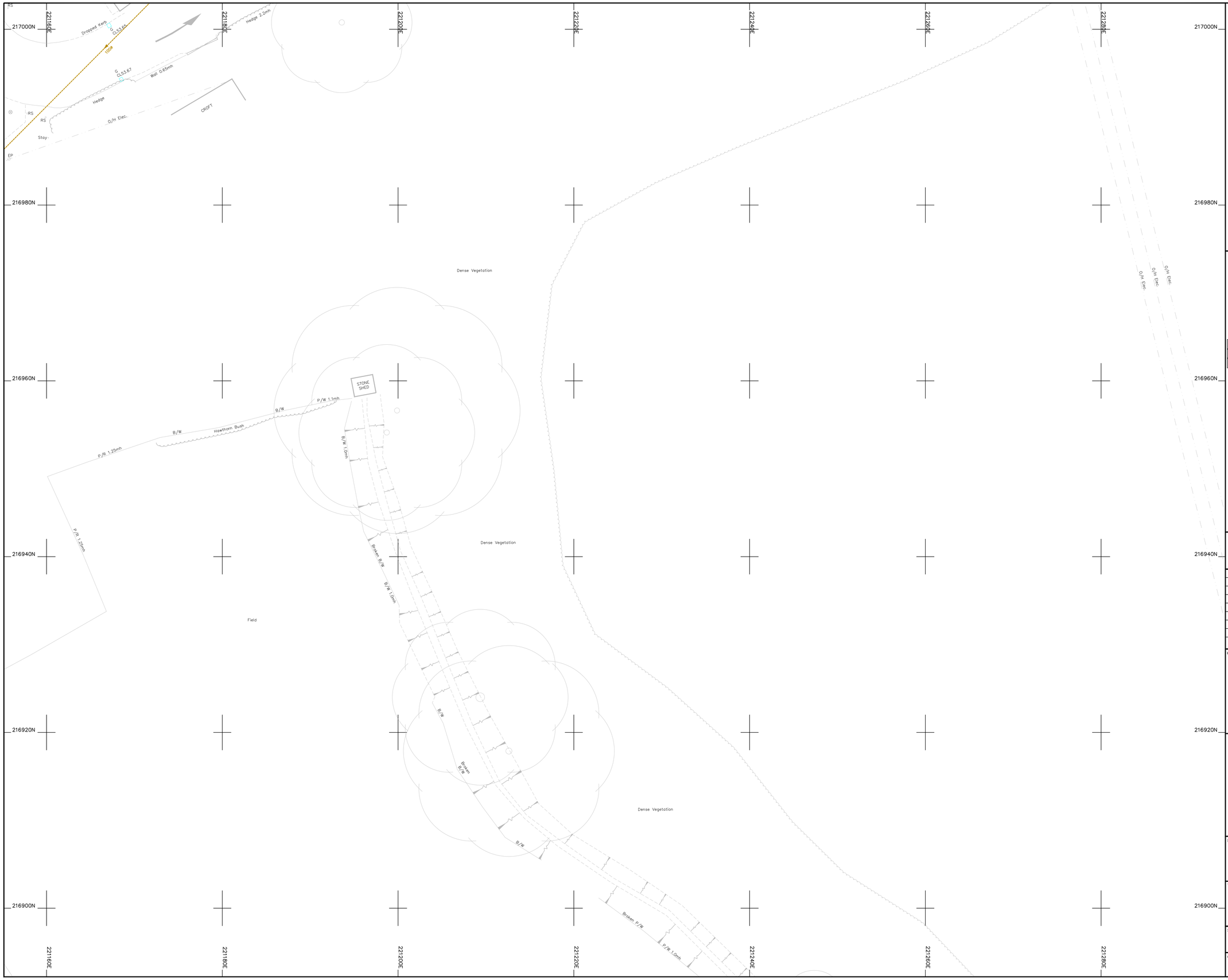
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

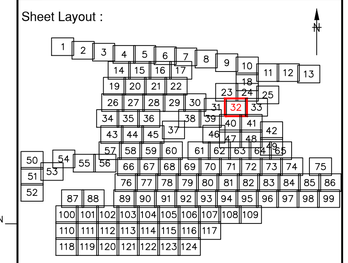
Roof Level + RL36.36 — U/G Storm

→ End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Project

Carmarthenshire
Site 12

SHEET 32 of 124

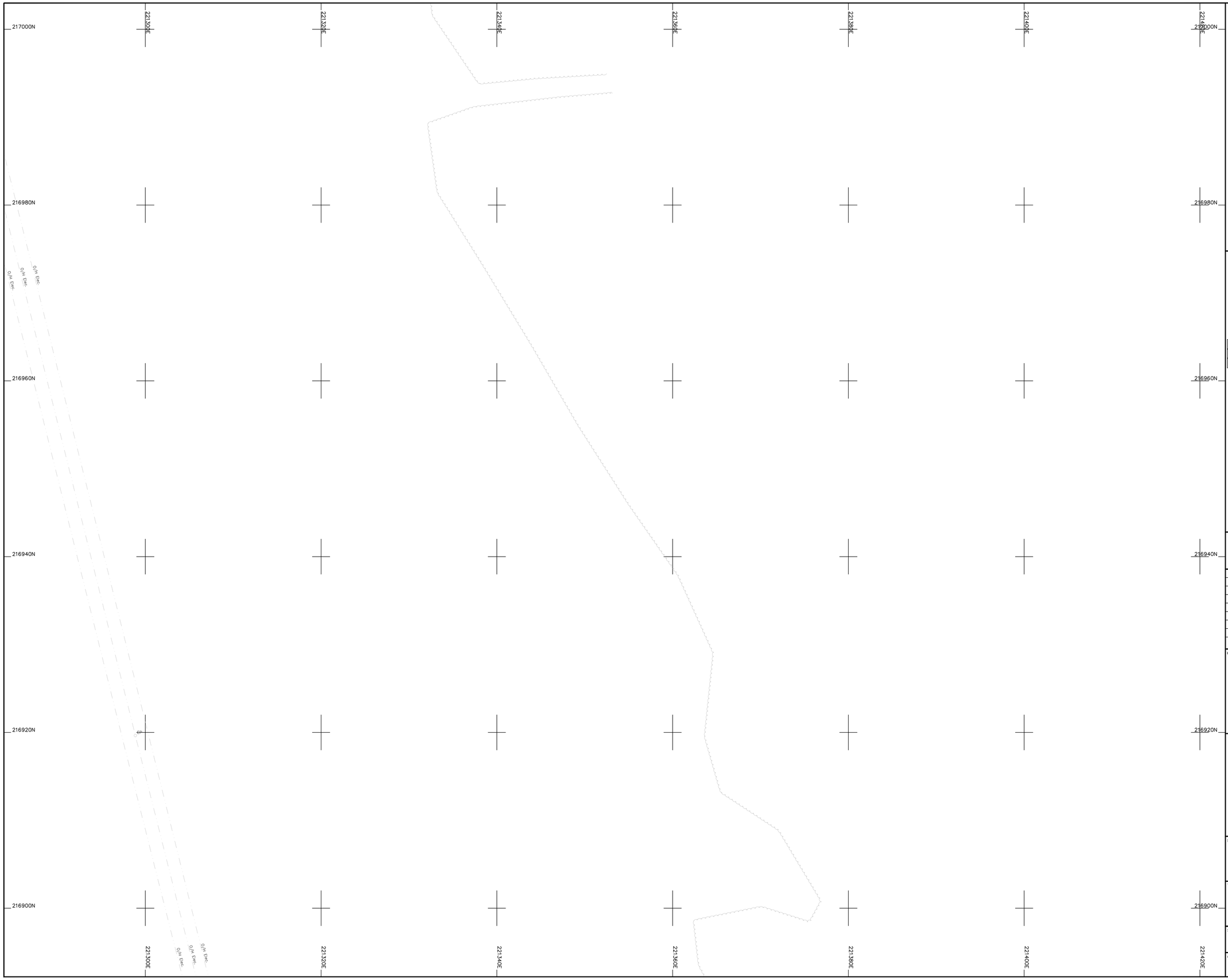
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

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End of Trace

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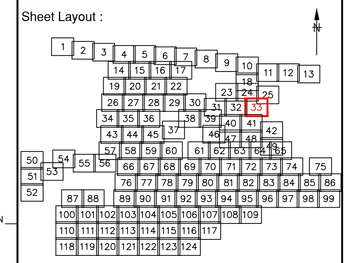
Sheet Layout :



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Project

Carmarthenshire
Site 12

SHEET 33 of 124

Title

DRAINAGE SURVEY

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

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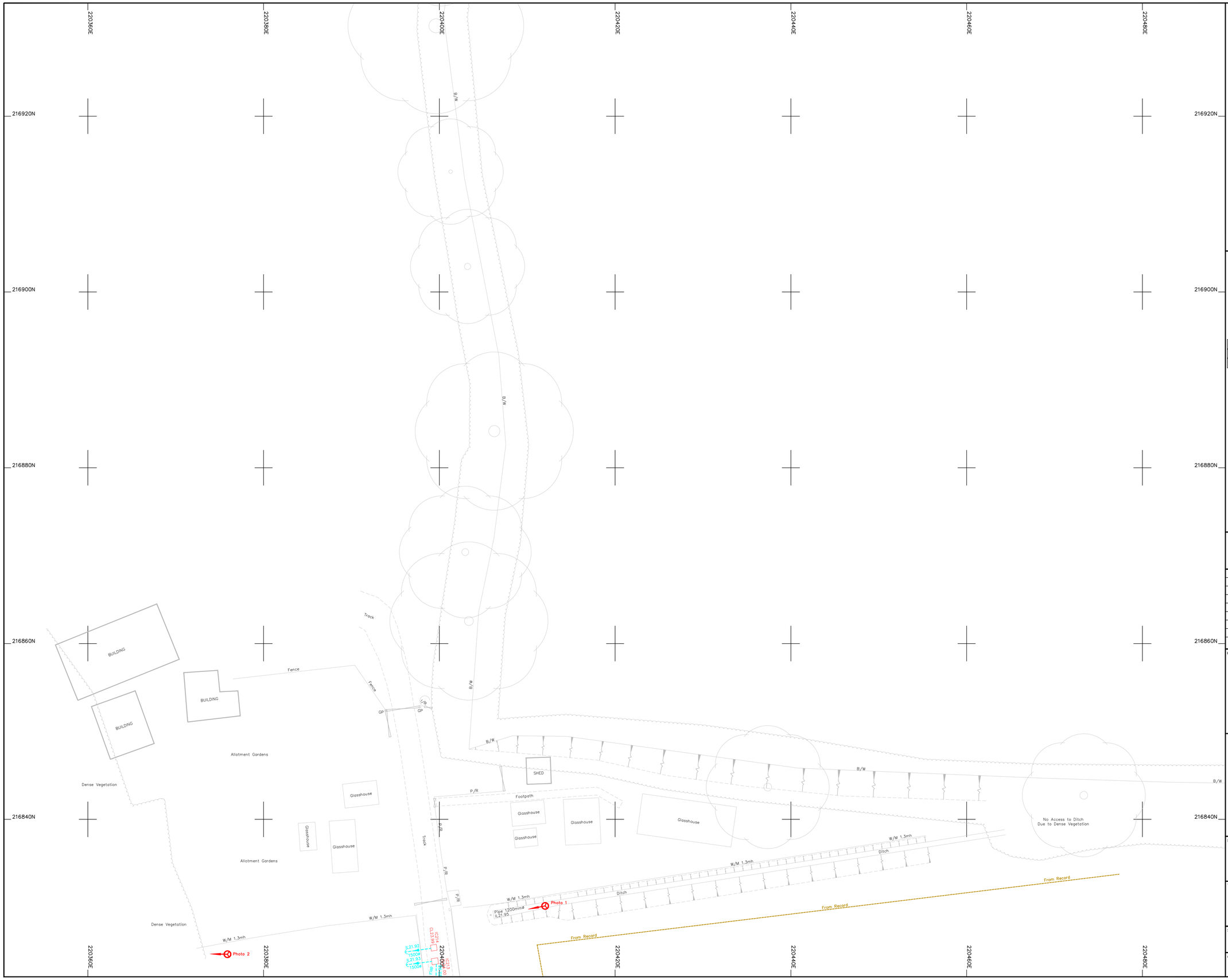

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---------- End of Trace

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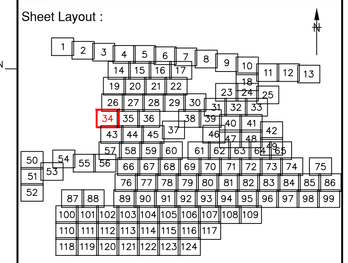
UTS Unable To Survey

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/06/23	JPD

CLIENT

wsp

MALCOLM HUGHES
CHARTERED LAND SURVEYORS

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

Project

Carmarthenshire
Site 12
SHEET 34 of 124

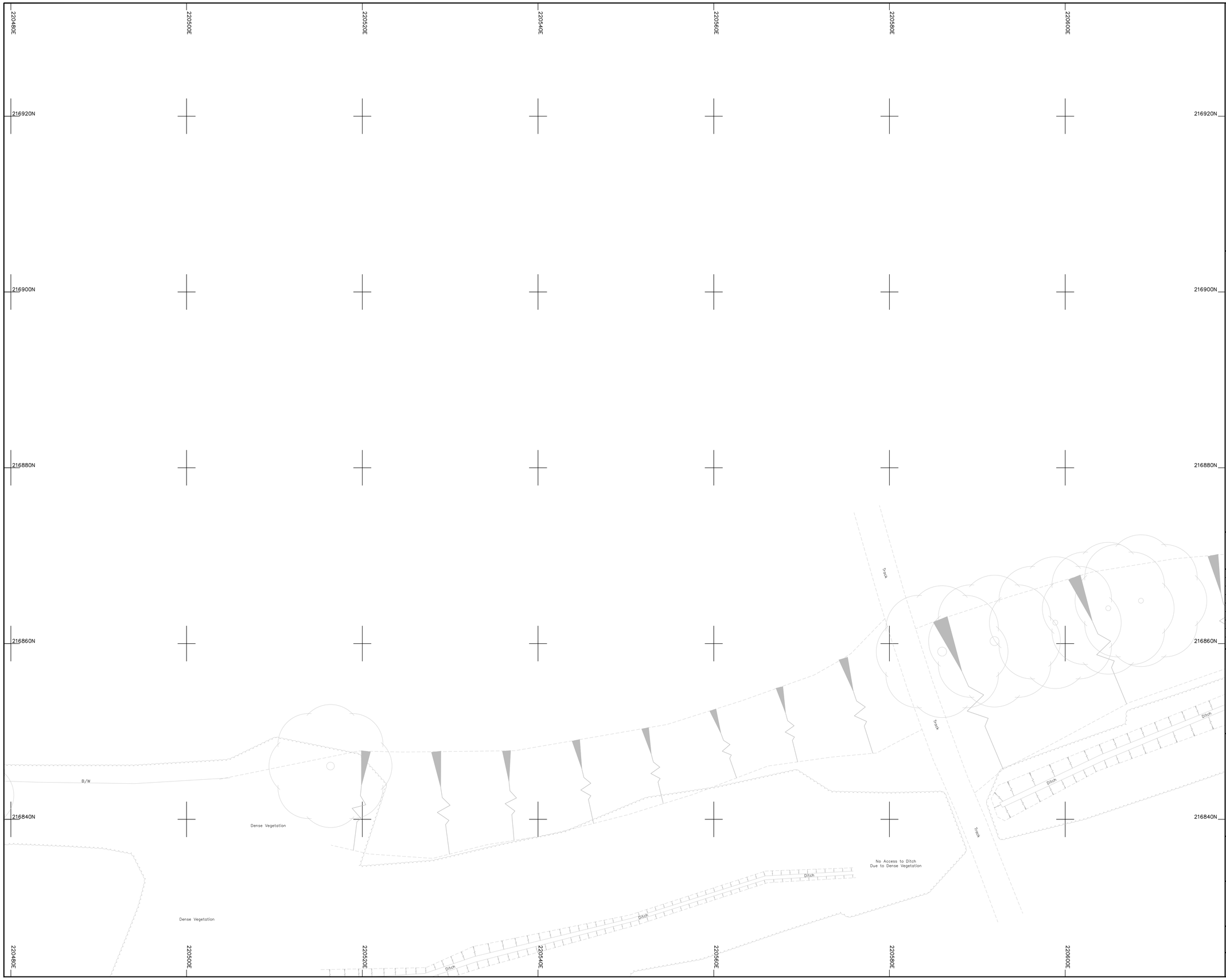
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-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
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Hyd	Hydrant	VP	Vent Pipe
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KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

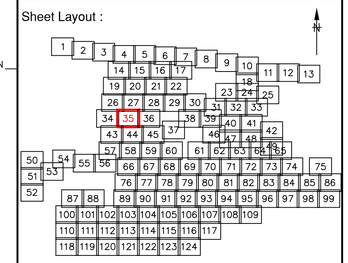
Roof Level + RL36.36 ---------- U/G Storm

---------> End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 35 of 124

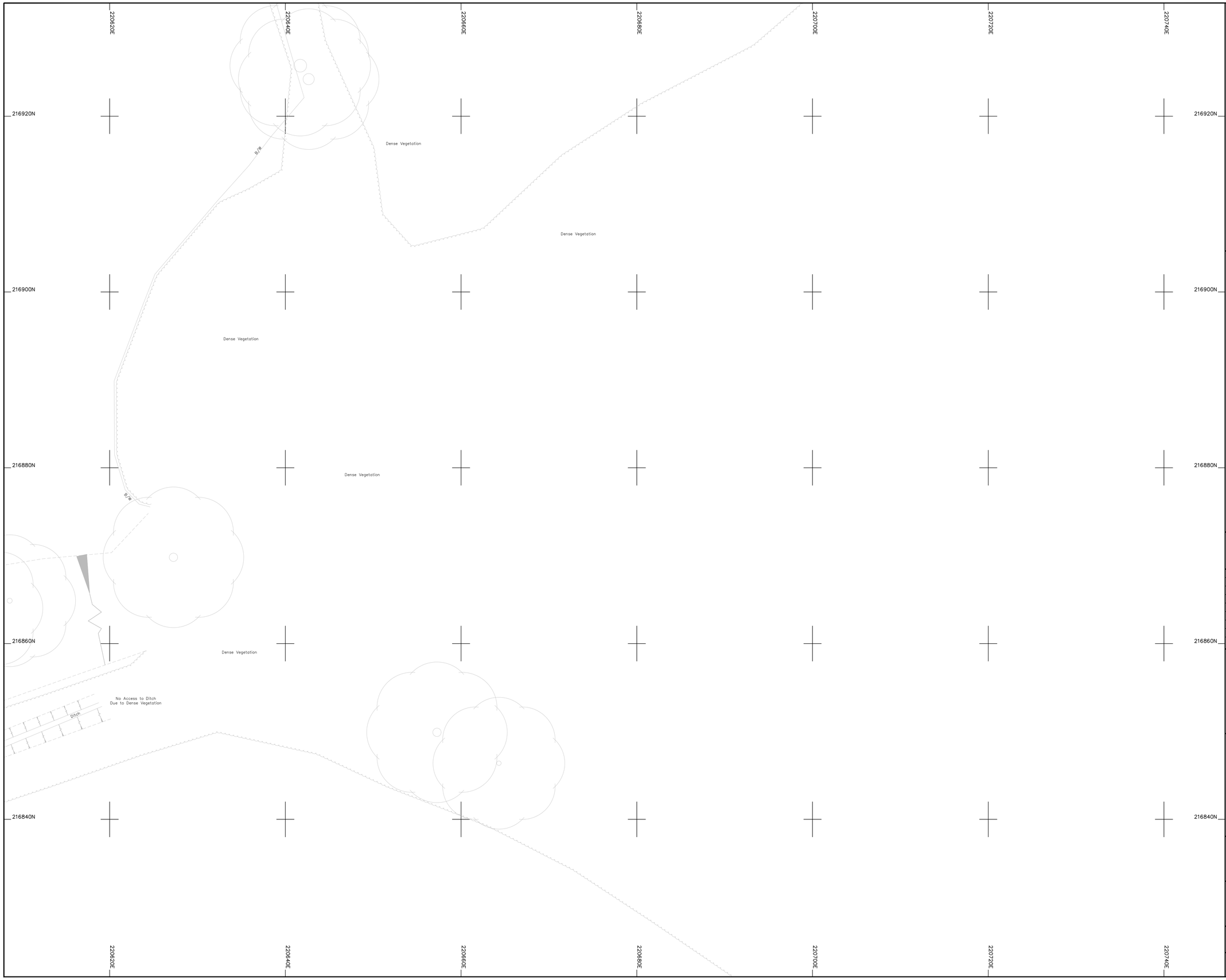
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

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End of Trace

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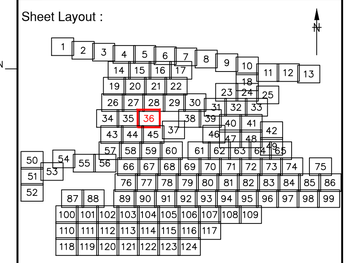

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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 36 of 124

Title

DRAINAGE
SURVEY

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

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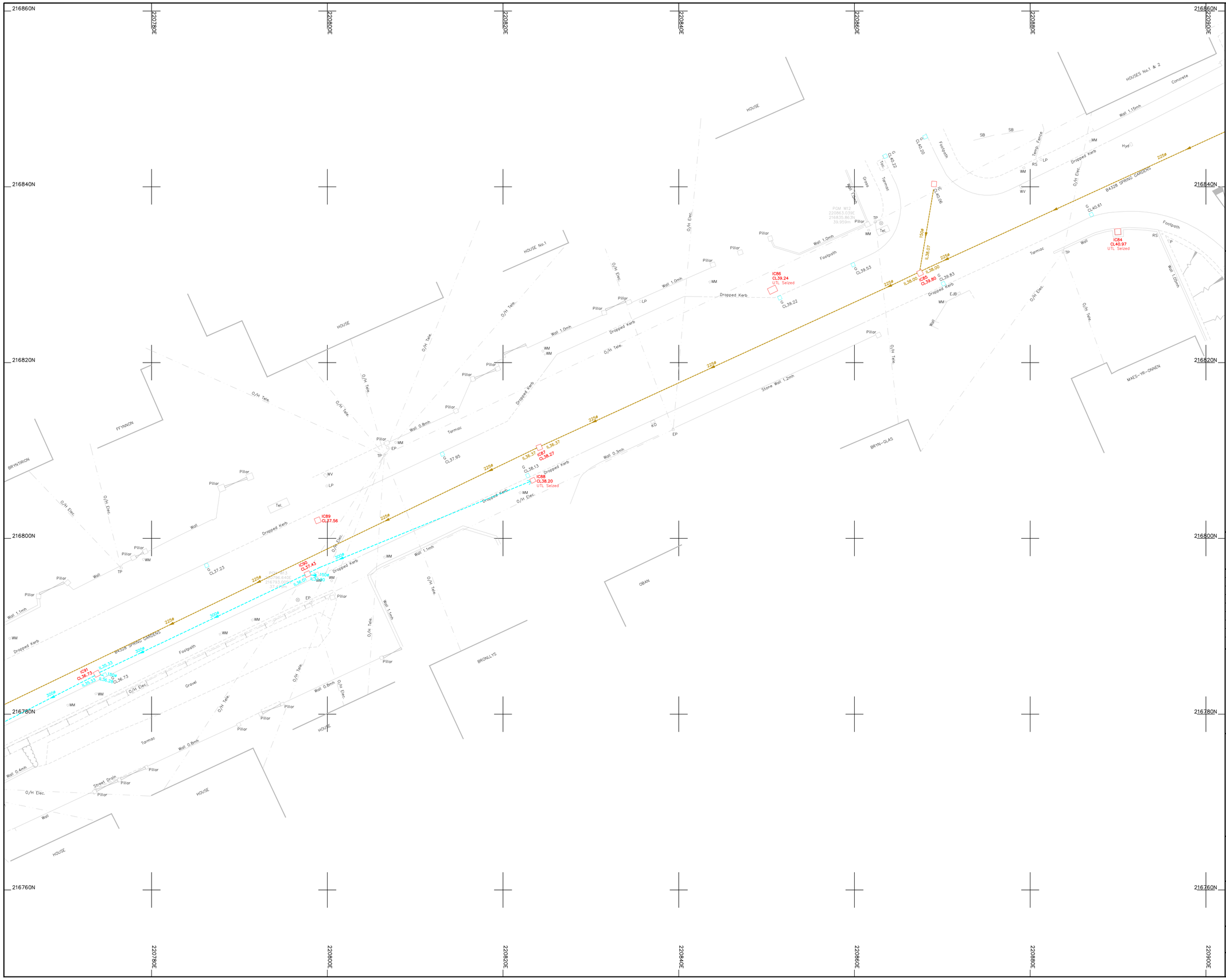

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + RL36.36 — U/G Foul

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End of Trace

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UTS Unable To Survey

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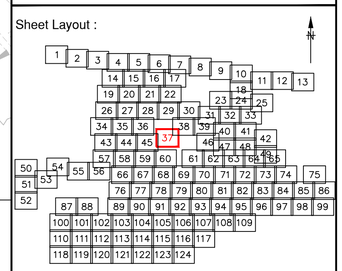

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Project

Carmarthenshire
Site 12
SHEET 37 of 124

Title

DRAINAGE SURVEY

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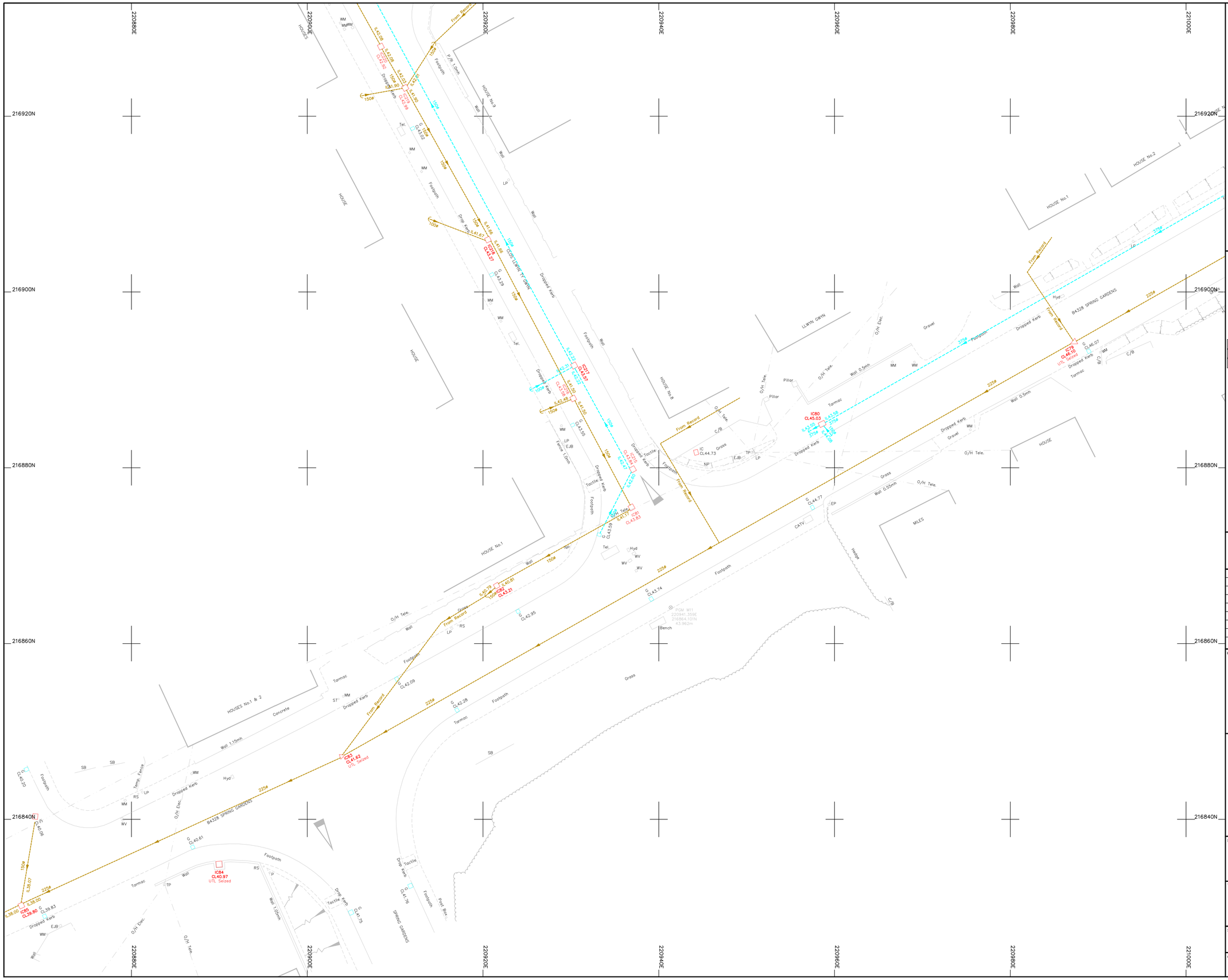
Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark

Riverbed Level + RL36.36 — U/G Foul

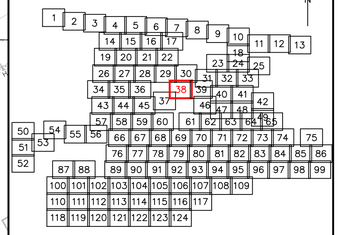
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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SA1 1HE
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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 38 of 124

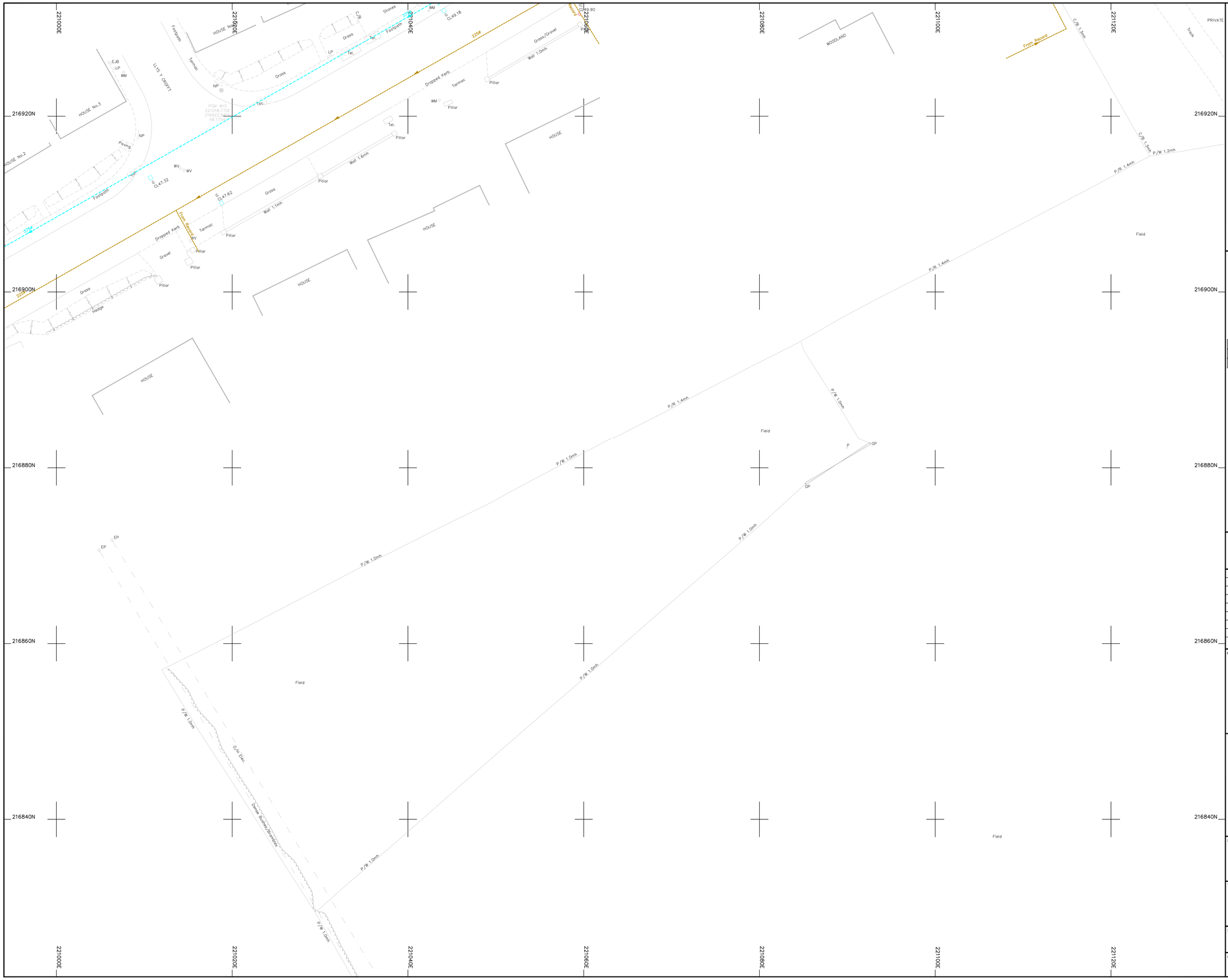
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

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End of Trace

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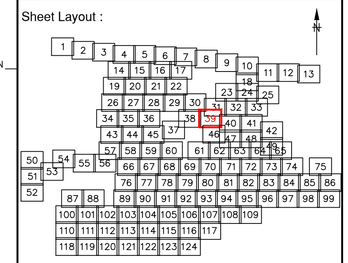
UTS Unable To Survey

Sheet Layout :



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CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 39 of 124

Title

DRAINAGE SURVEY

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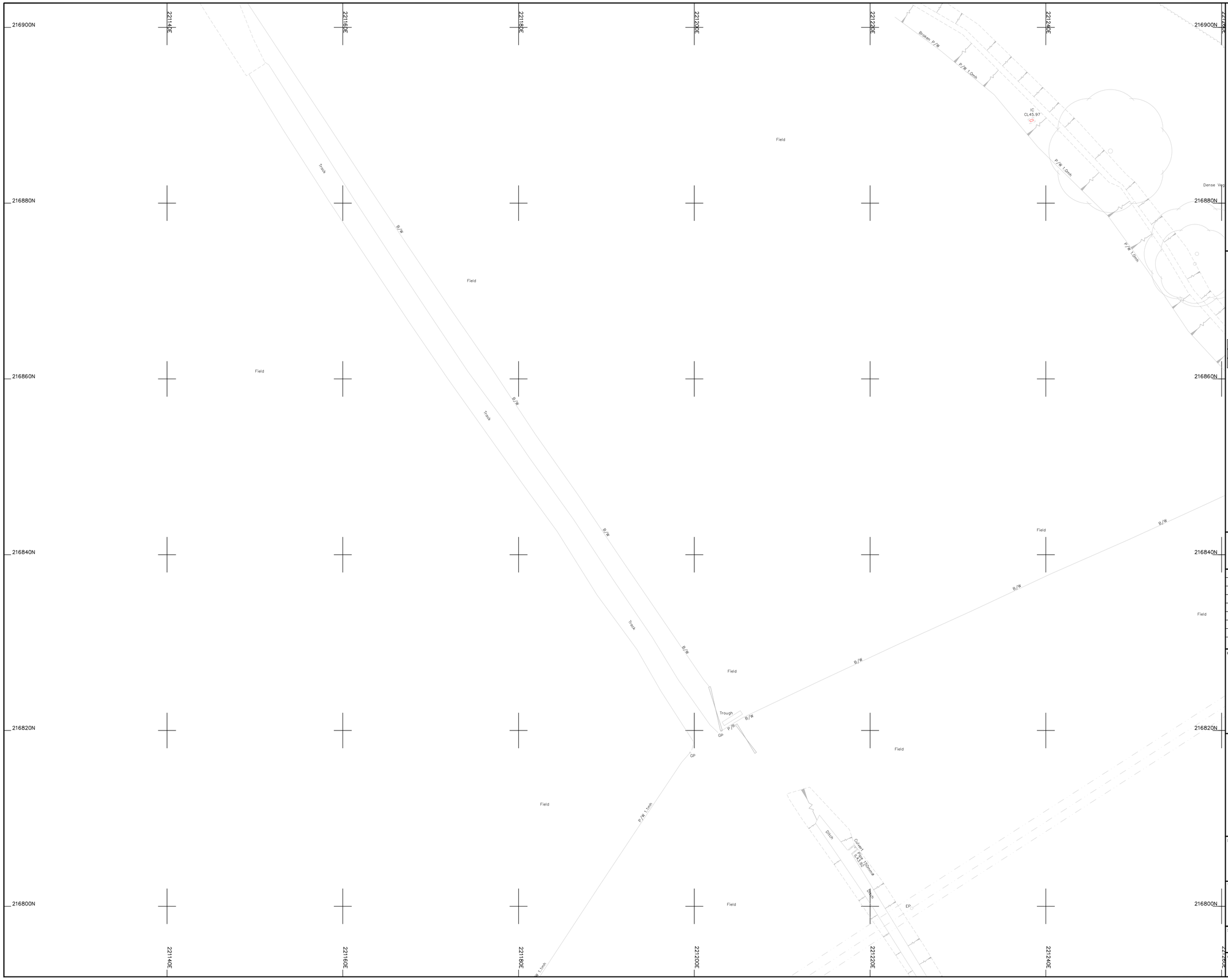
Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul

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End of Trace

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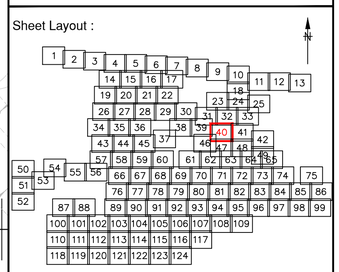

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Project

Carmarthenshire
Site 12

SHEET 40 of 124

Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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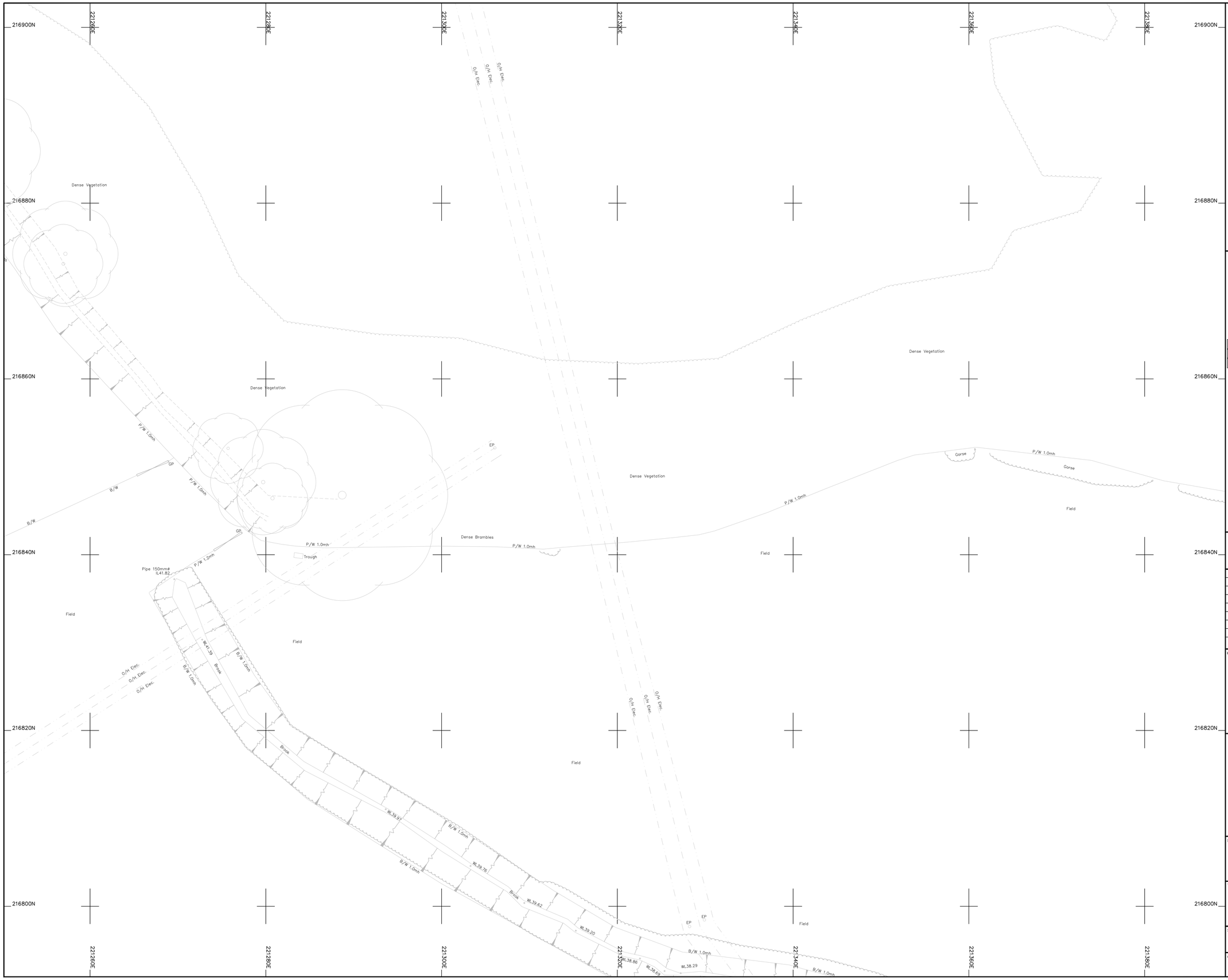

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Permanent Ground Marker ⊗

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---------- End of Trace

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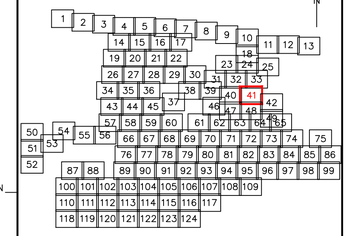

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Project

Carmarthenshire
Site 12
SHEET 41 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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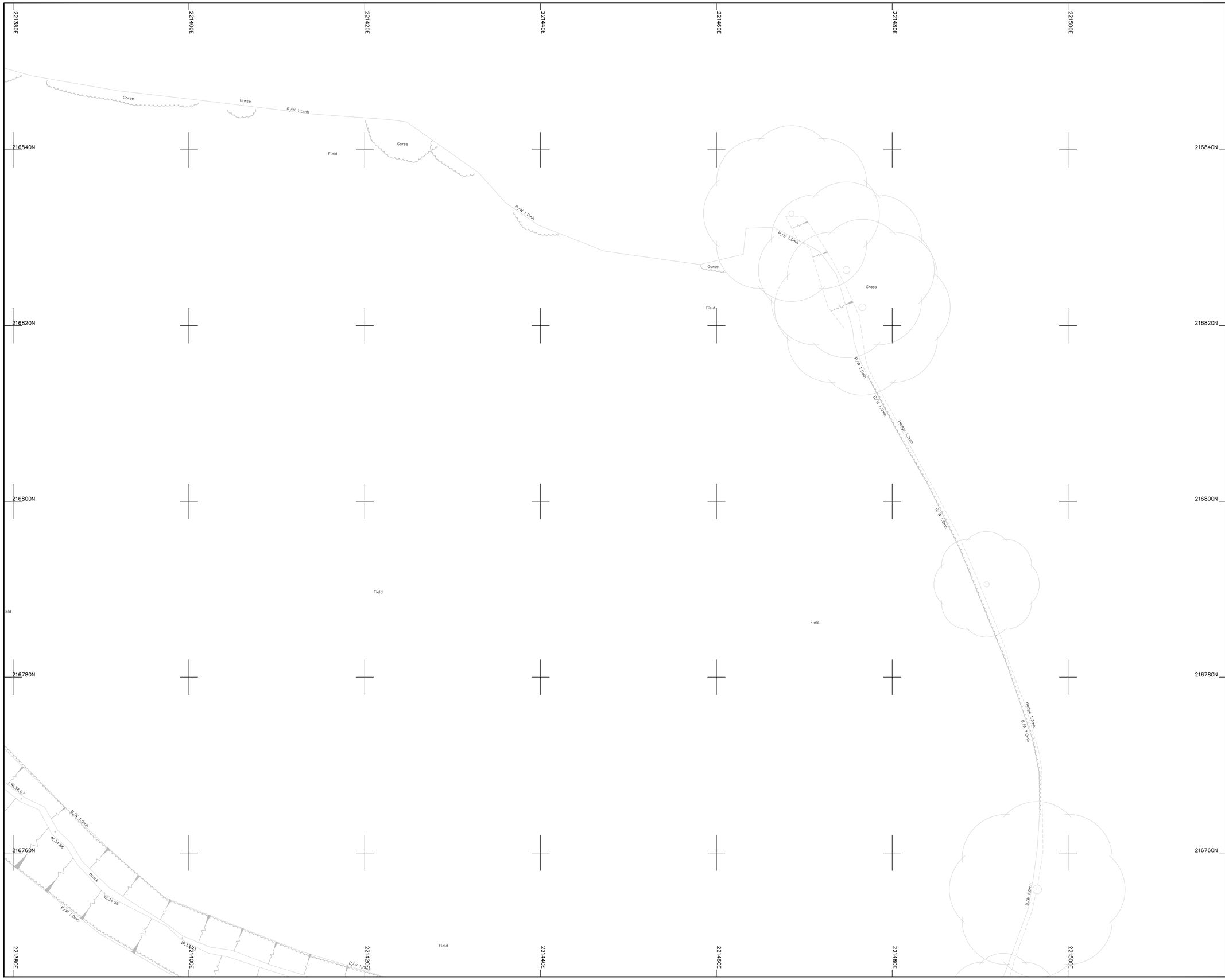

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End of Trace

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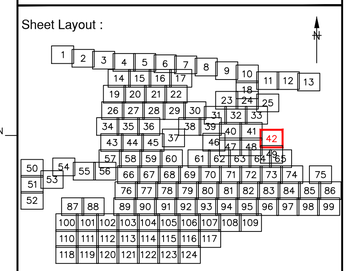

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Project

Carmarthenshire
Site 12

SHEET 42 of 124

Title

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SURVEY

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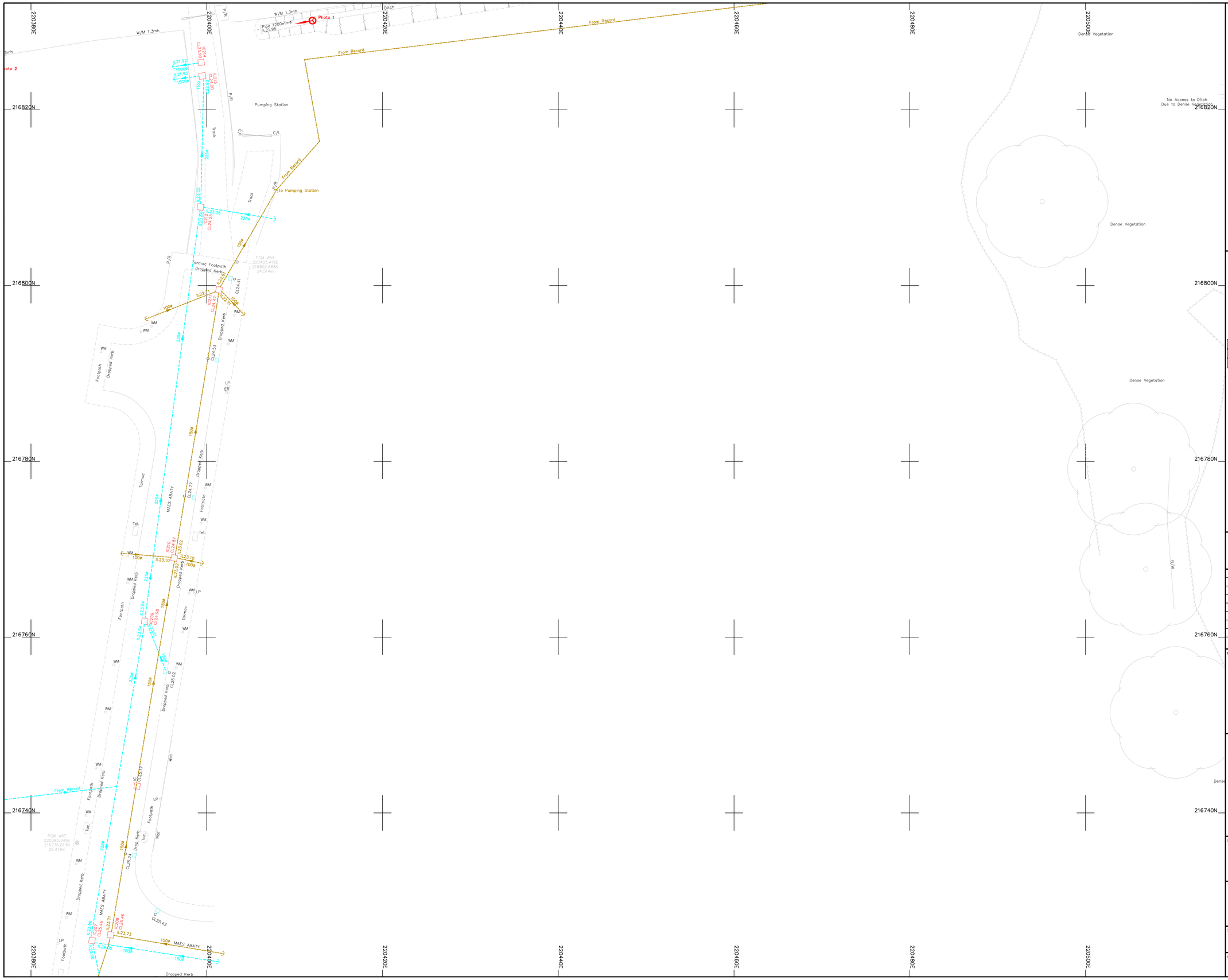
Cad File Name:

60014-MH-VDS-SITE12-DR-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 ↑

Riverbed Level + BL36.36 — U/G Foul

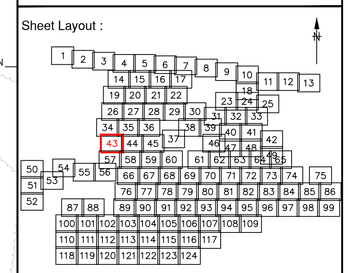
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/06/23	JPD

CLIENT

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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 12
SHEET 43 of 124

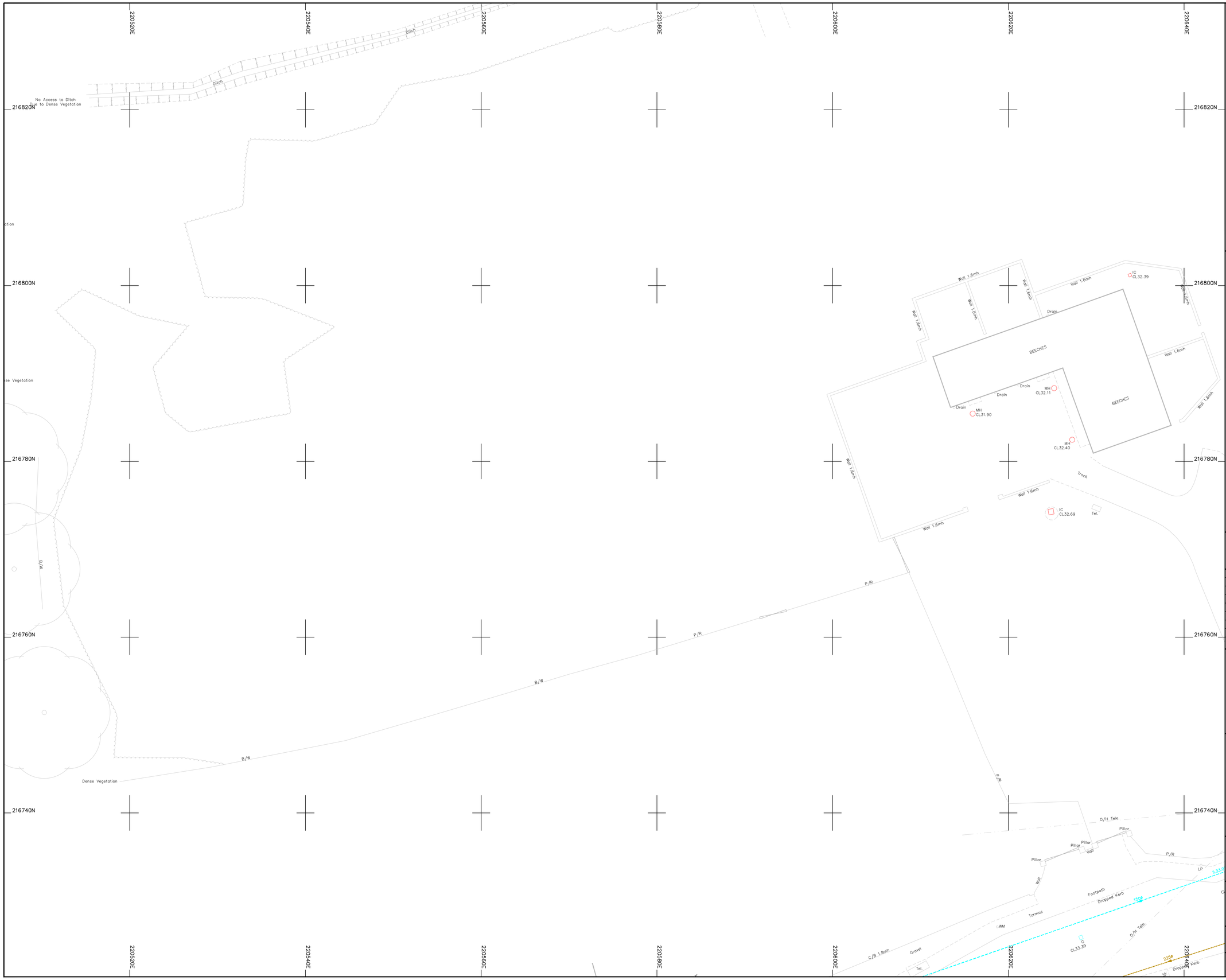
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

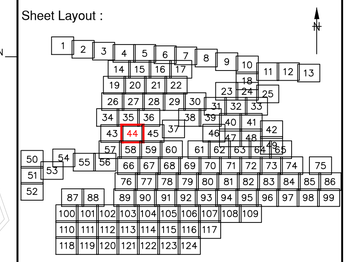
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CHERRY TREE HOUSE
CARMARTHEN ROAD
SWANSEA
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Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 44 of 124

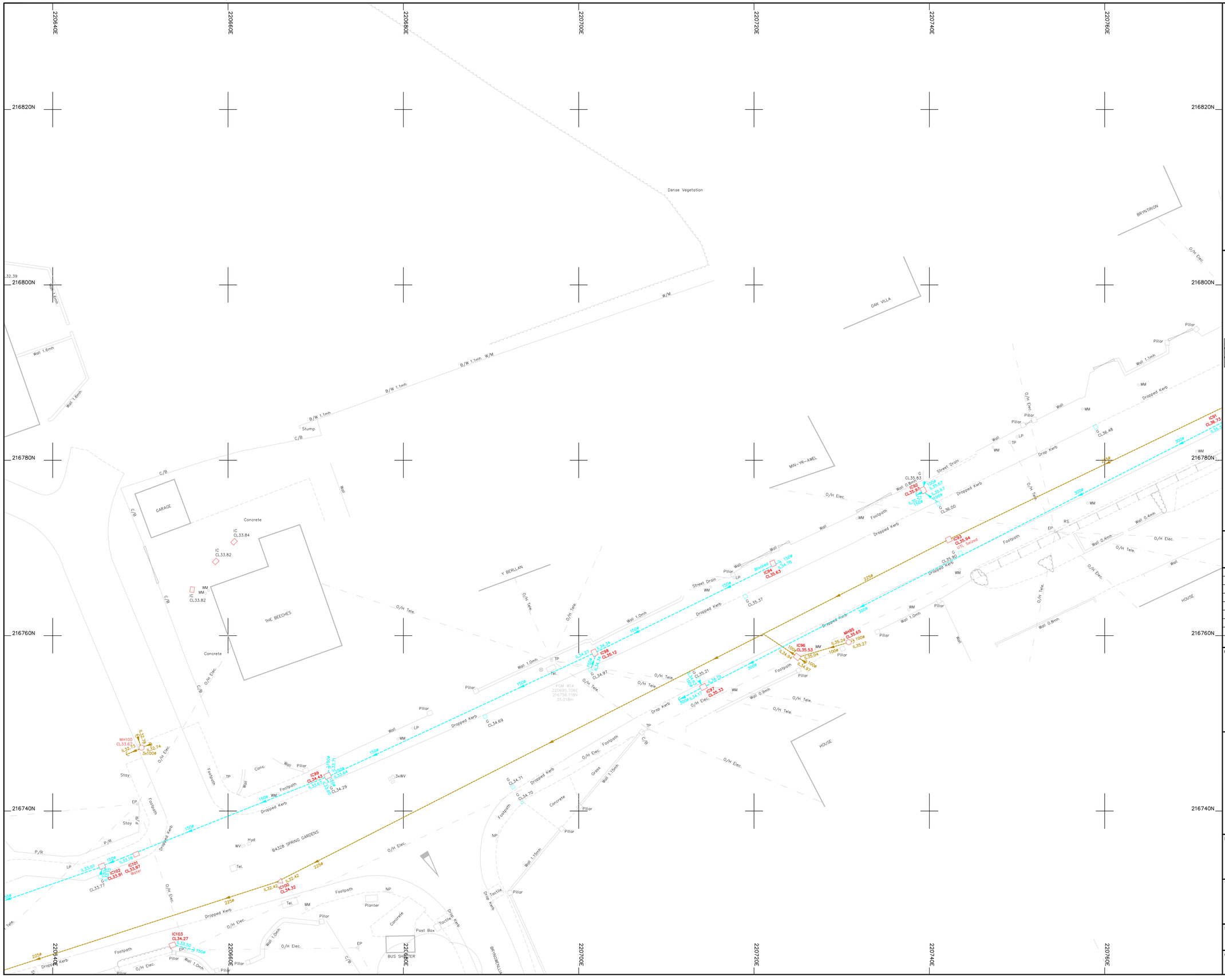
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

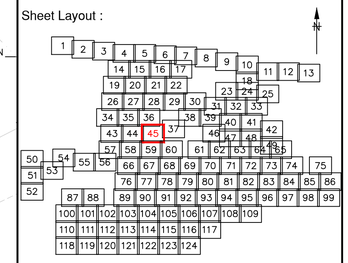
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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

Project

Carmarthenshire
Site 12
SHEET 45 of 124

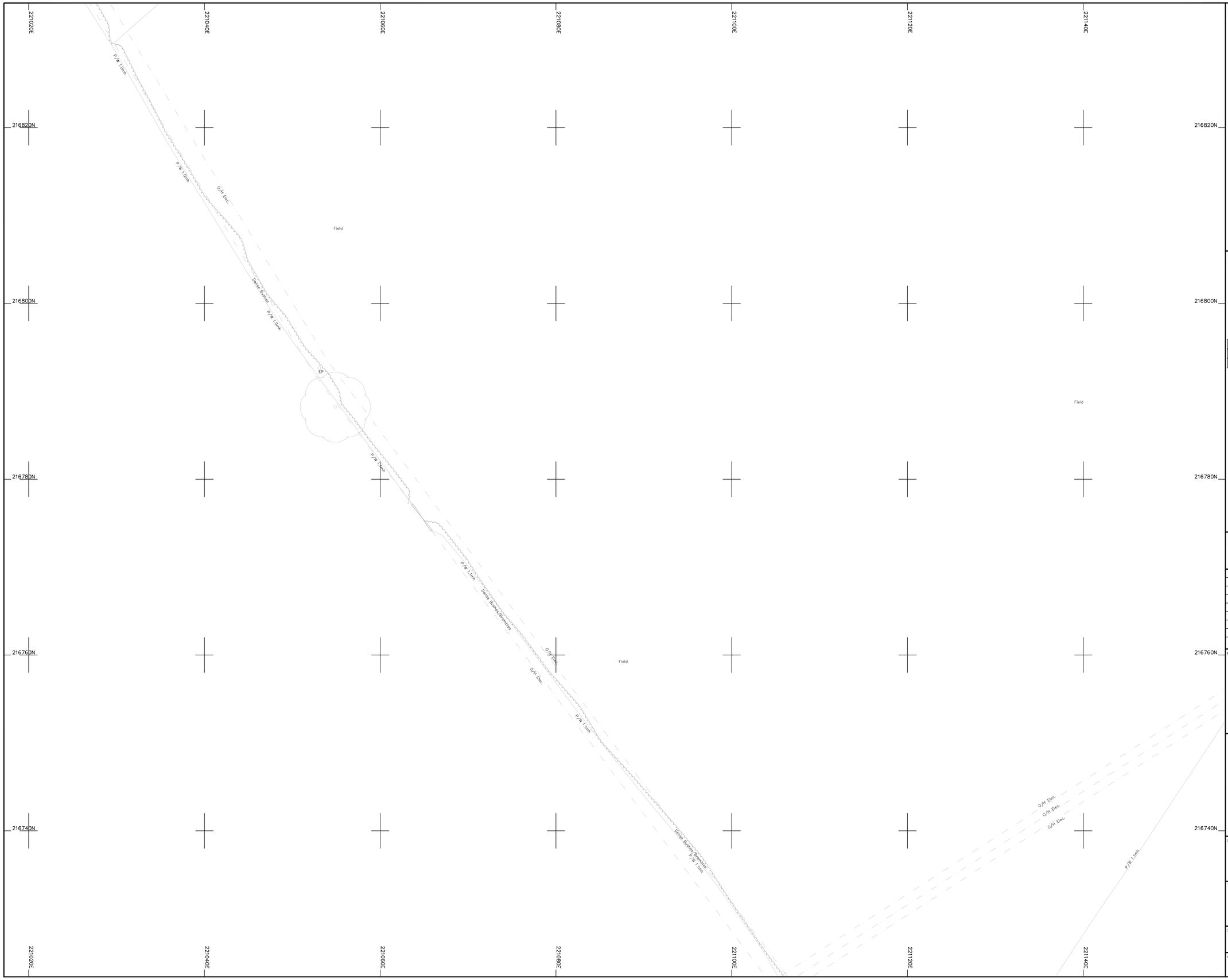
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul

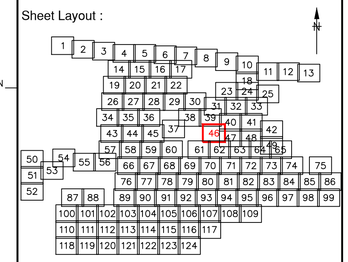
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CHARTERED LAND SURVEYORS

MALCOLM HUGHES
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SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 46 of 124

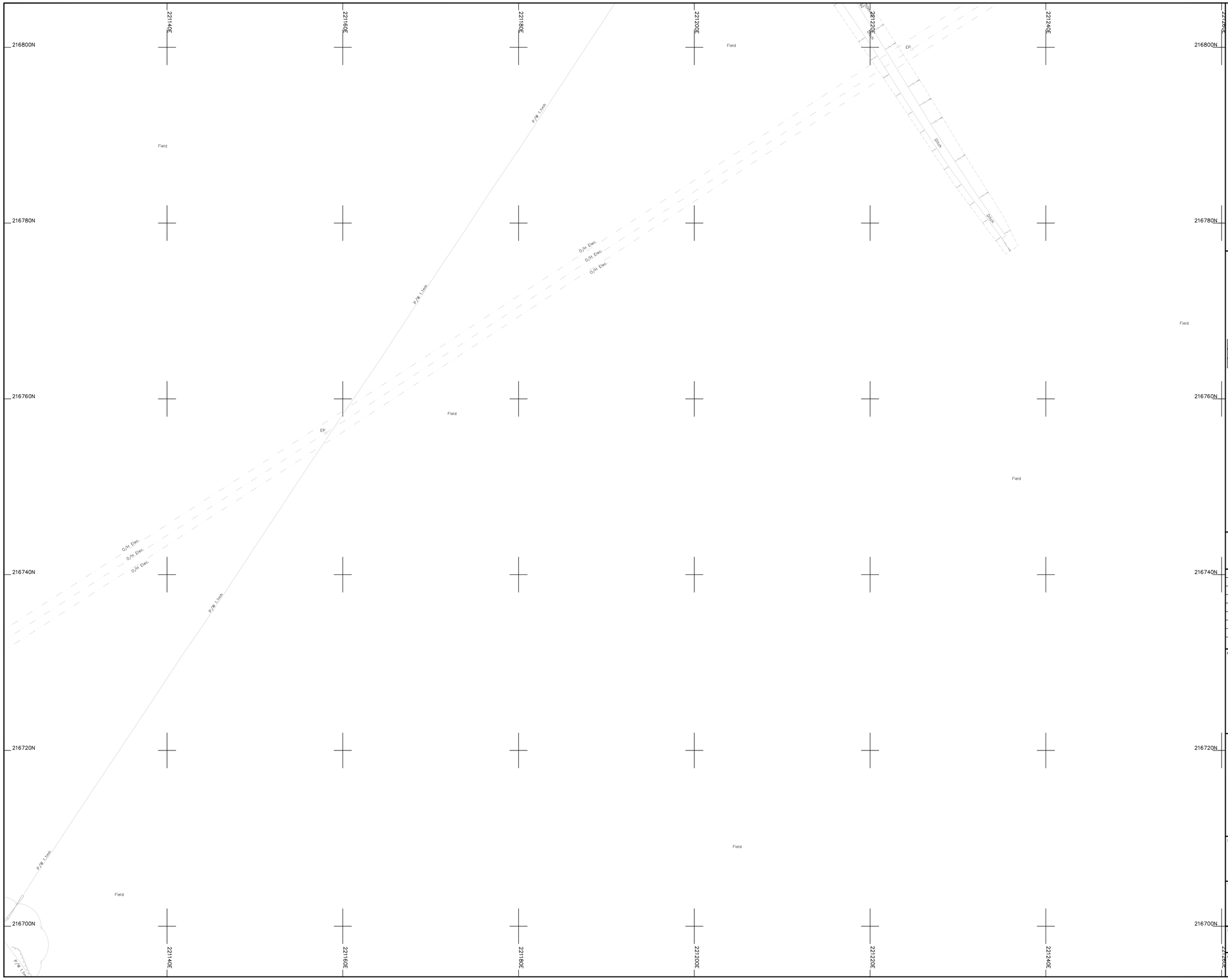
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

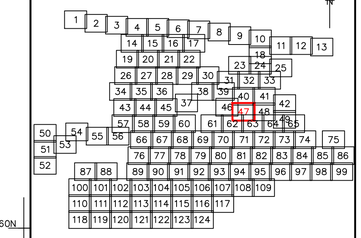
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

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 12
SHEET 47 of 124

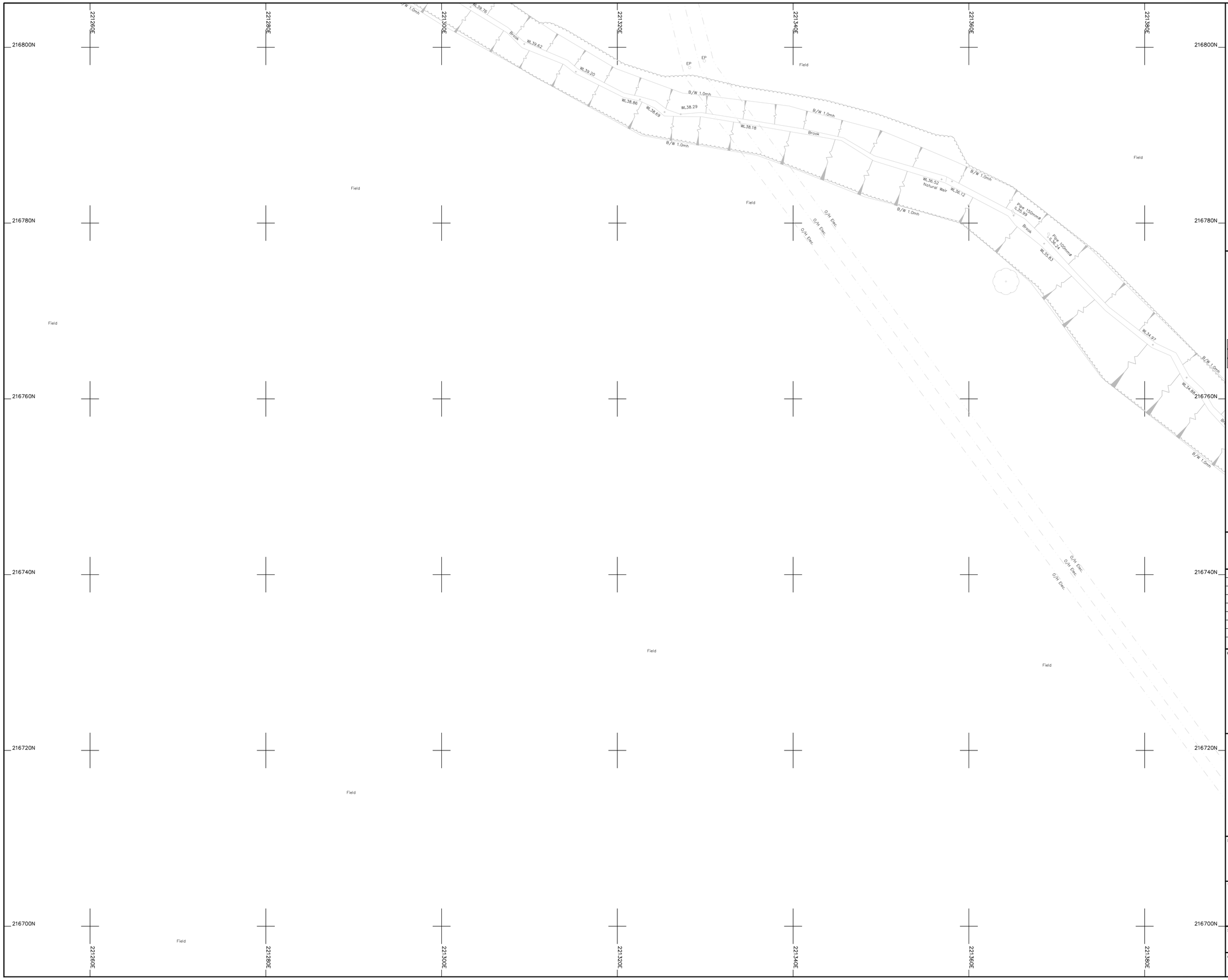
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

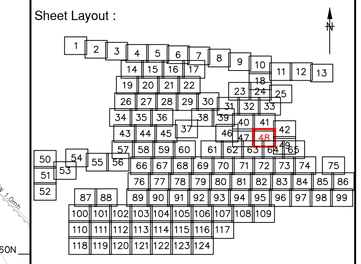
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 48 of 124

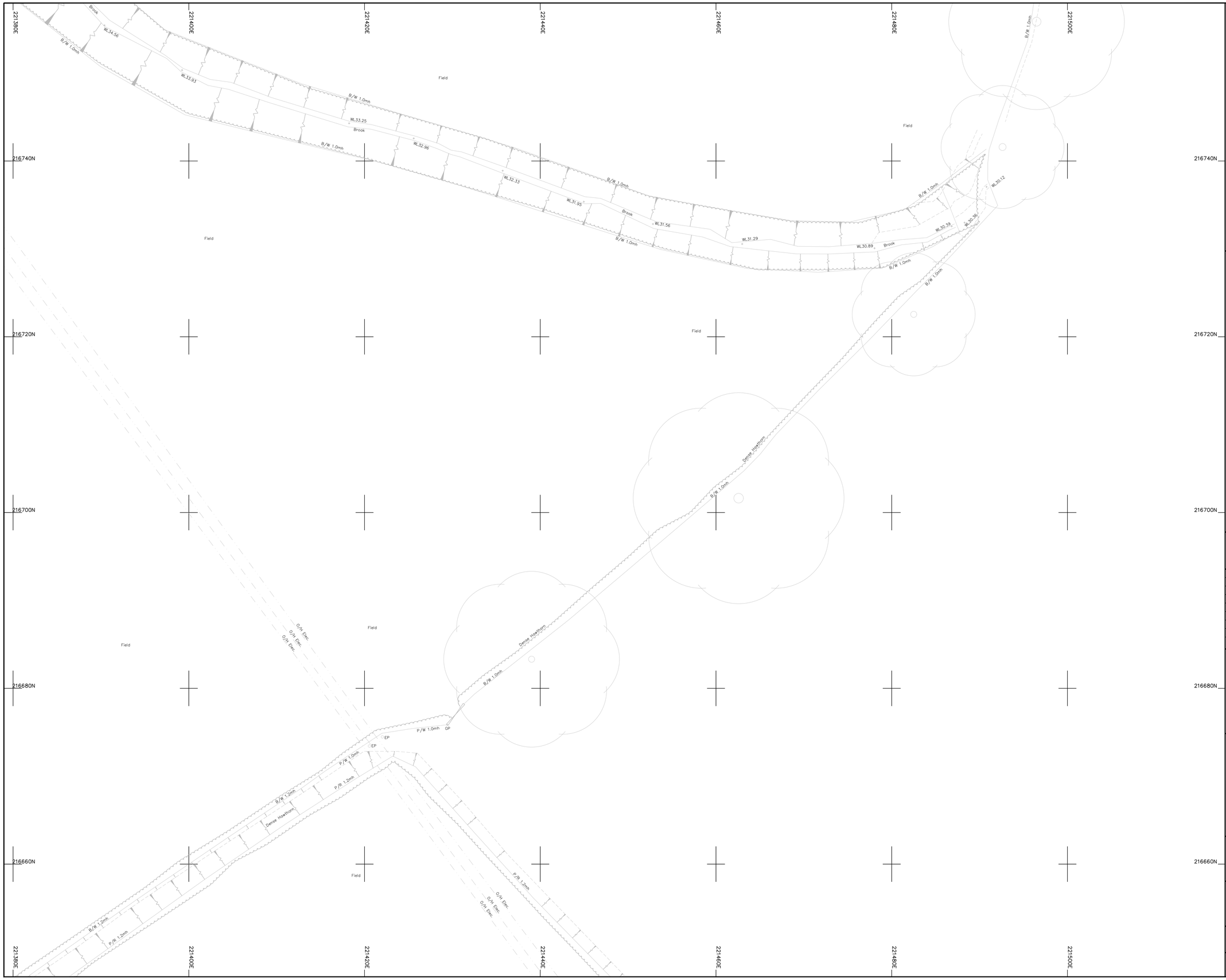
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

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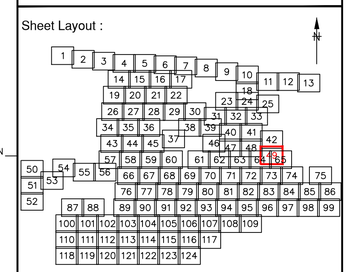

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SWANSEA
SA1 1HE
Tel 01792 644181
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Project

Carmarthenshire
Site 12

SHEET 49 of 124

Title

DRAINAGE
SURVEY

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

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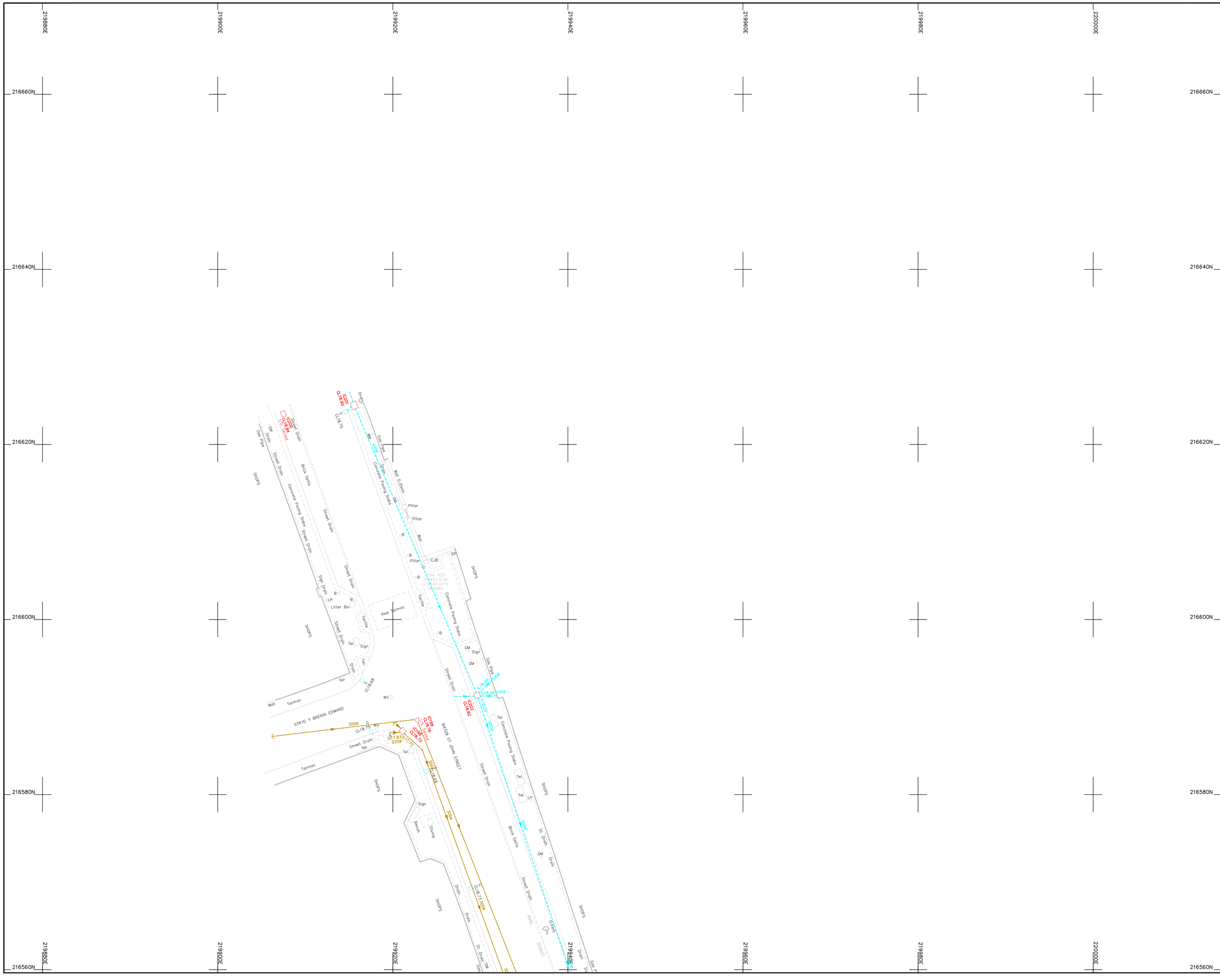

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Permanent Ground Marker ⊗

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Riverbed Level + BL36.36 ---------- U/G Foul

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---------> End of Trace

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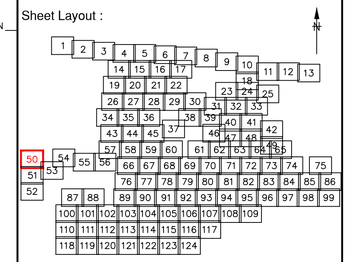

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Project

Carmarthenshire
Site 12
SHEET 50 of 124

Title

DRAINAGE
SURVEY

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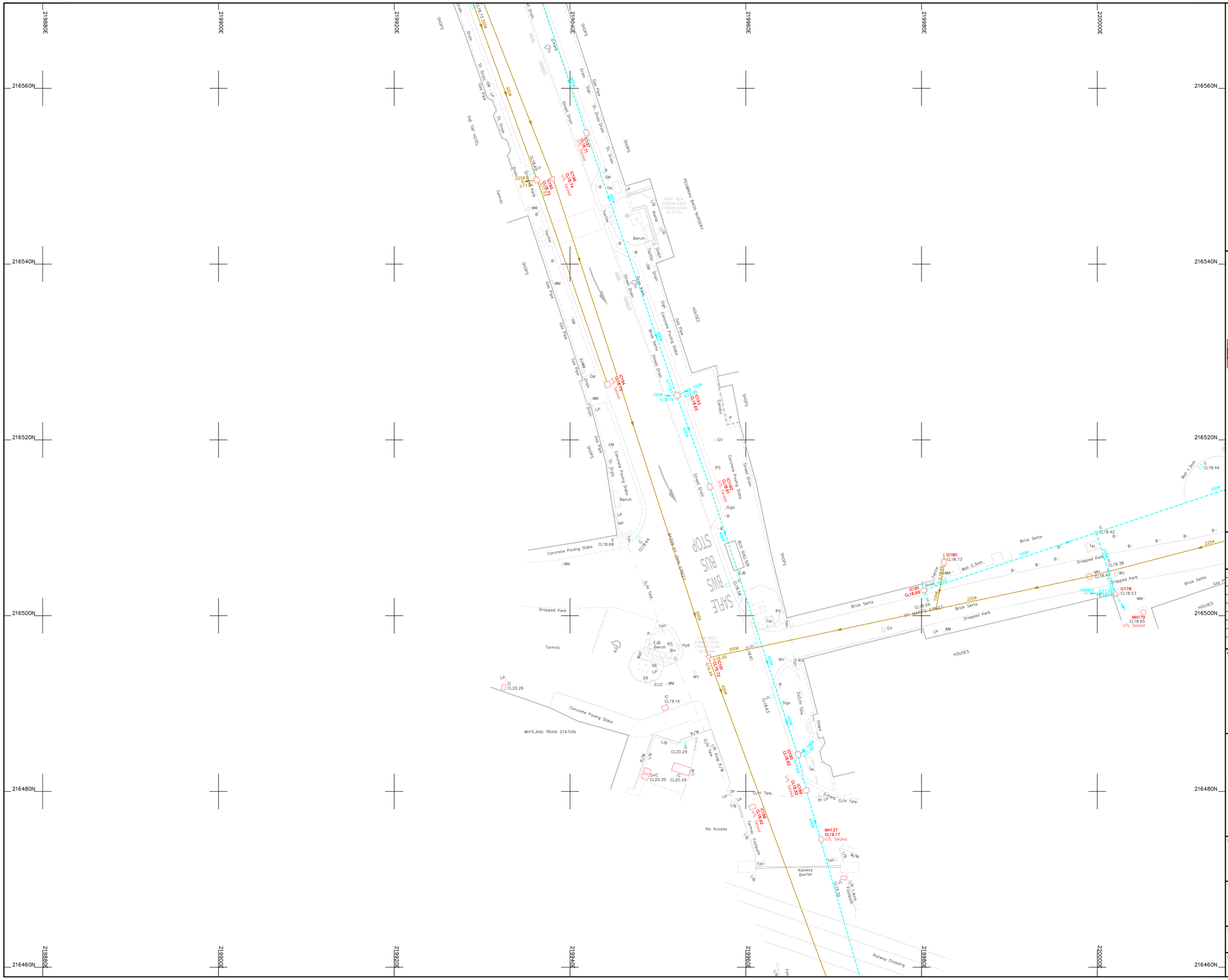
Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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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 ↑

Riverbed Level + BL36.36 — U/G Foul

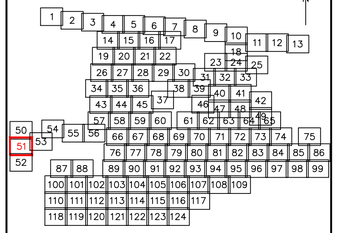
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/06/23	JPD

CLIENT

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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

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

Project

Carmarthenshire
Site 12
SHEET 51 of 124

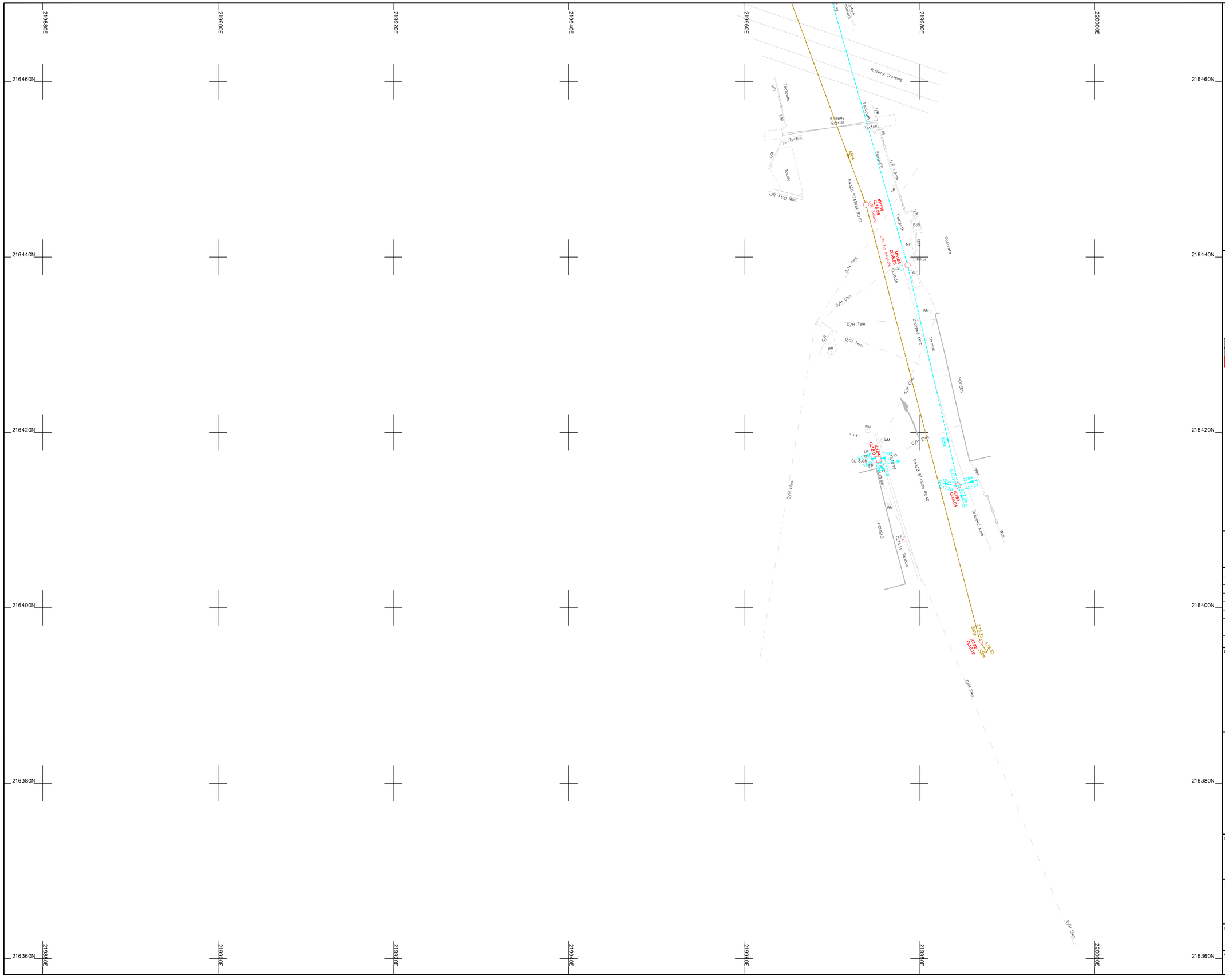
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-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
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I/W	Interwoven	W/M	Wire Mesh Fence
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + RL36.36 — U/G Foul

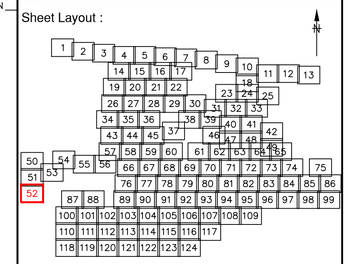
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CLIENT

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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 52 of 124

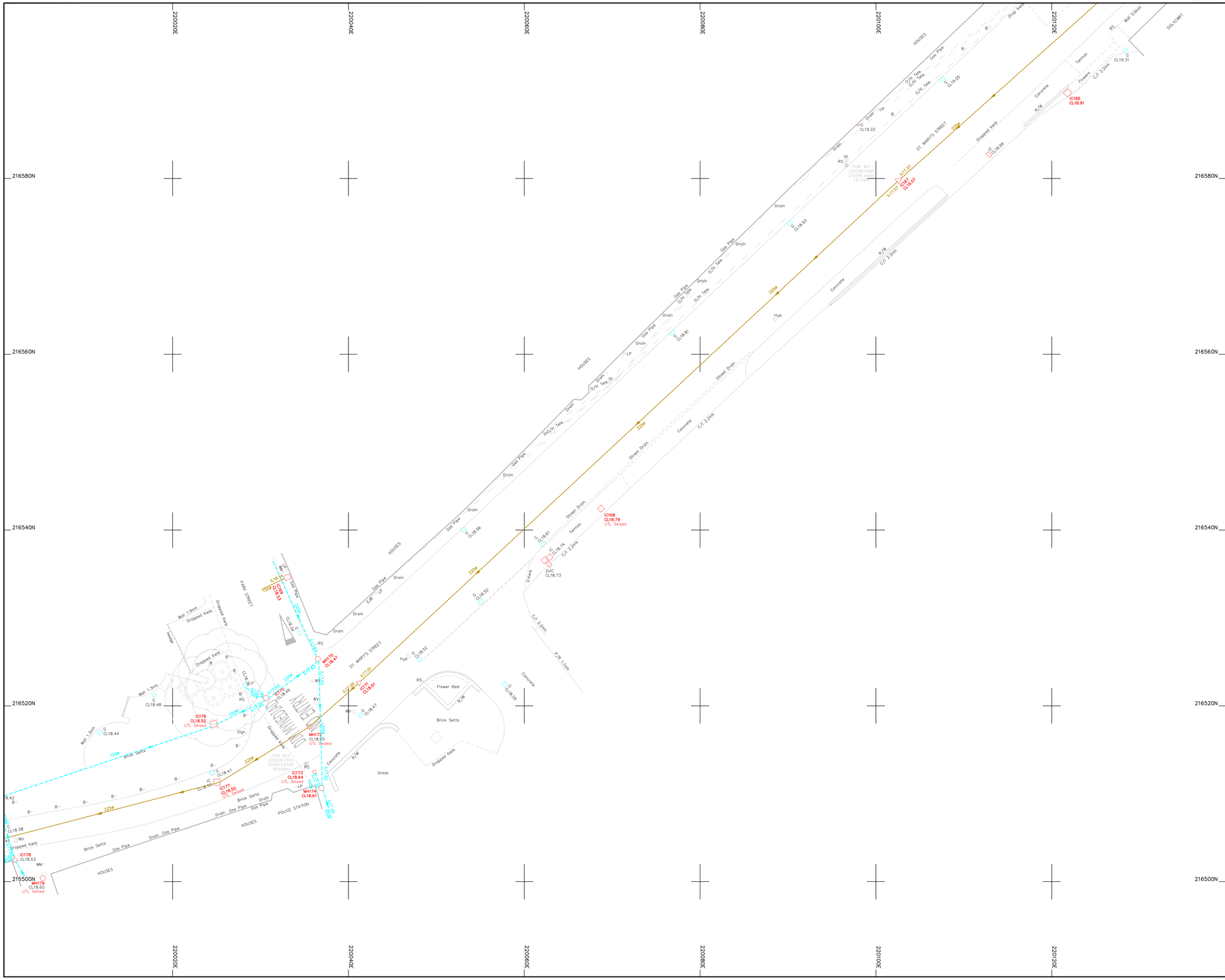
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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BB	Belisha Beacon	Mkr	Marker
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

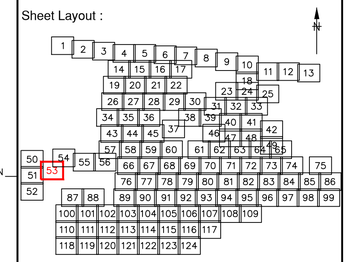
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 53 of 124

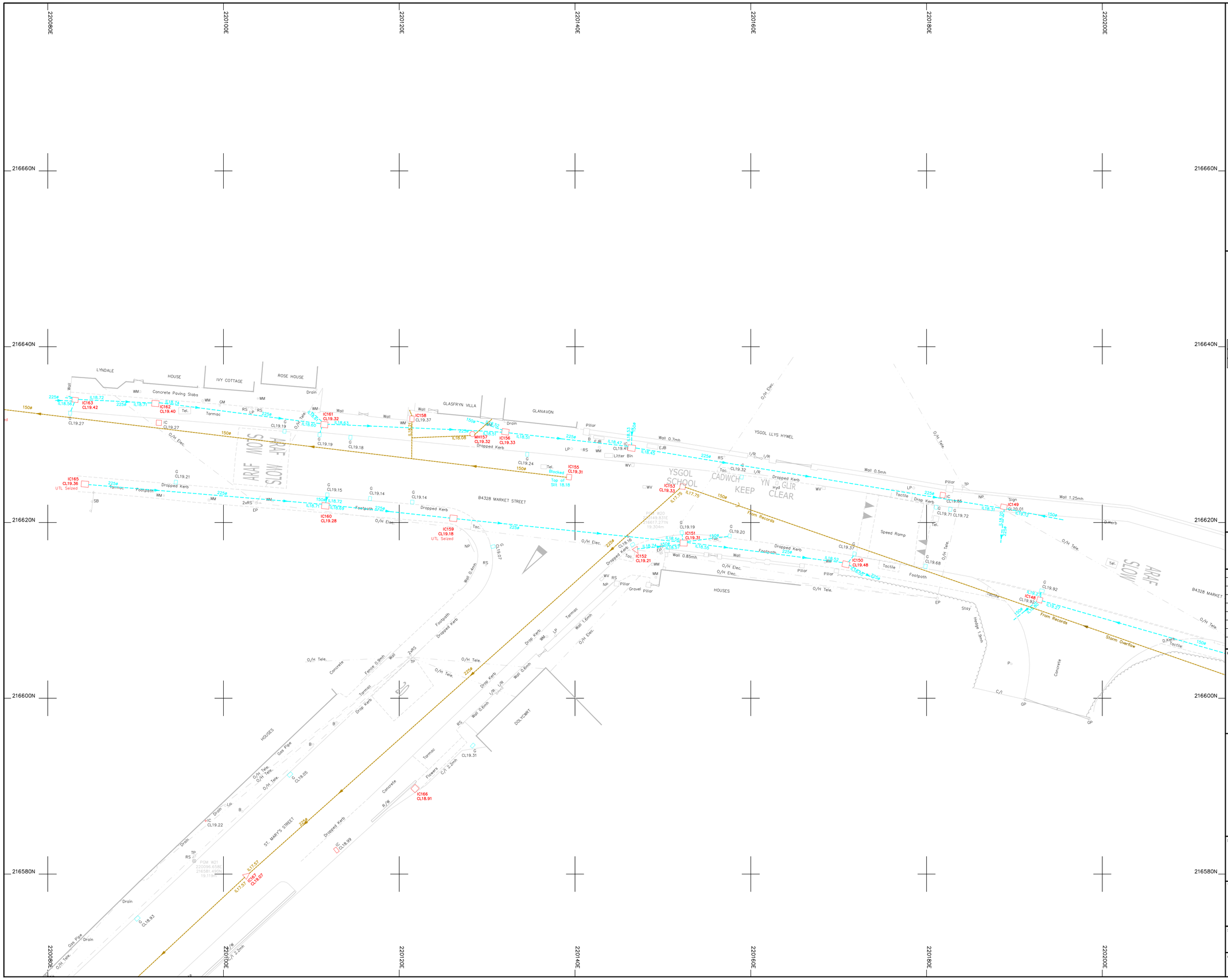
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

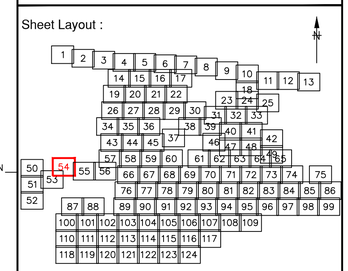
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 54 of 124

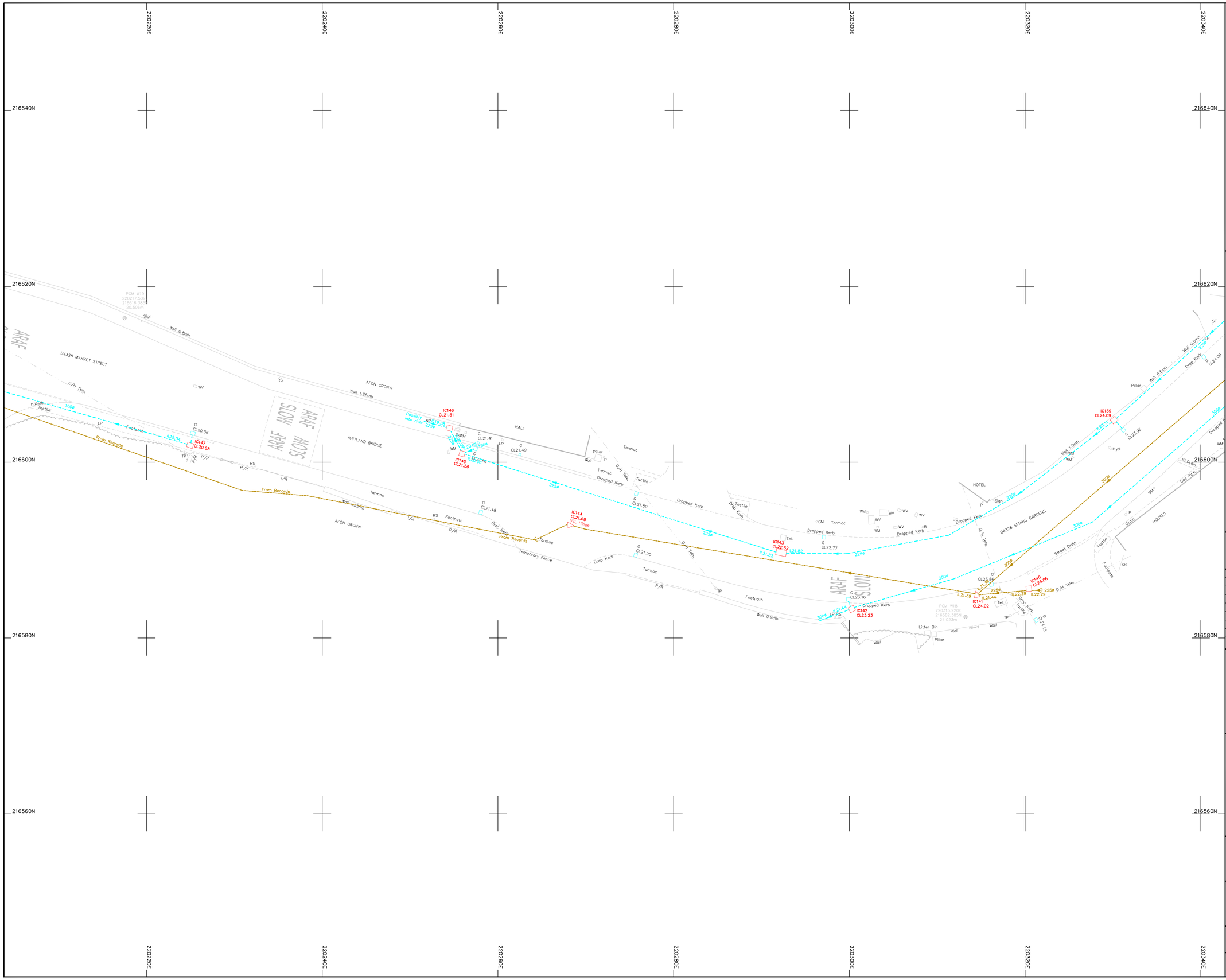
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
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KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

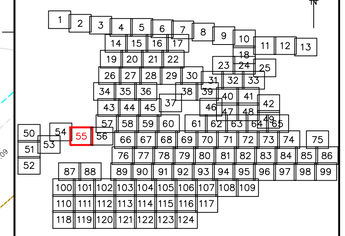
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CARMARTHEN ROAD
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SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 55 of 124

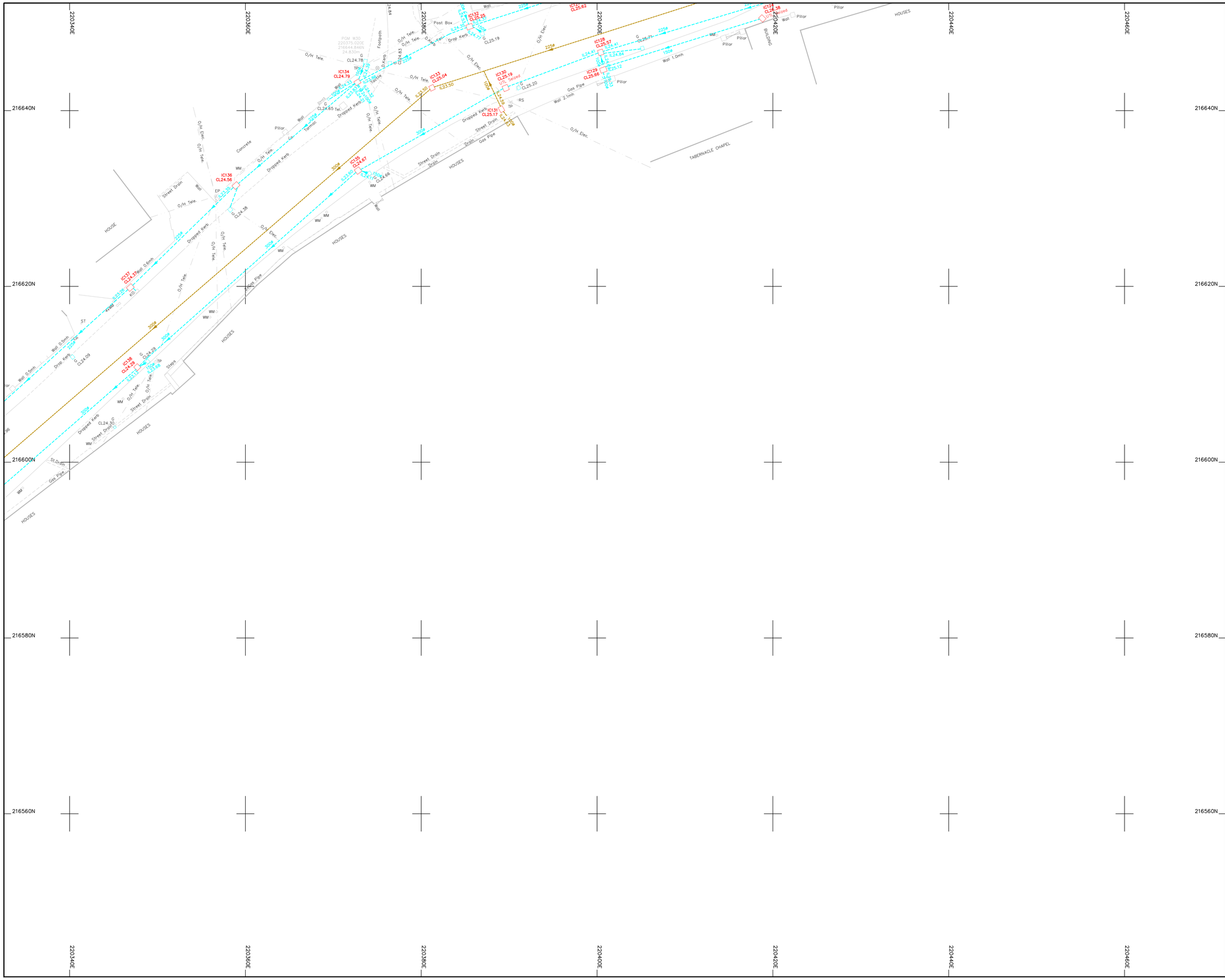
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

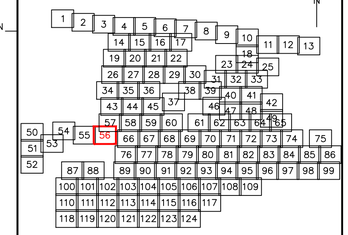
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CLIENT

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CHARTERED LAND SURVEYORS

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

Project

Carmarthenshire
Site 12

SHEET 56 of 124

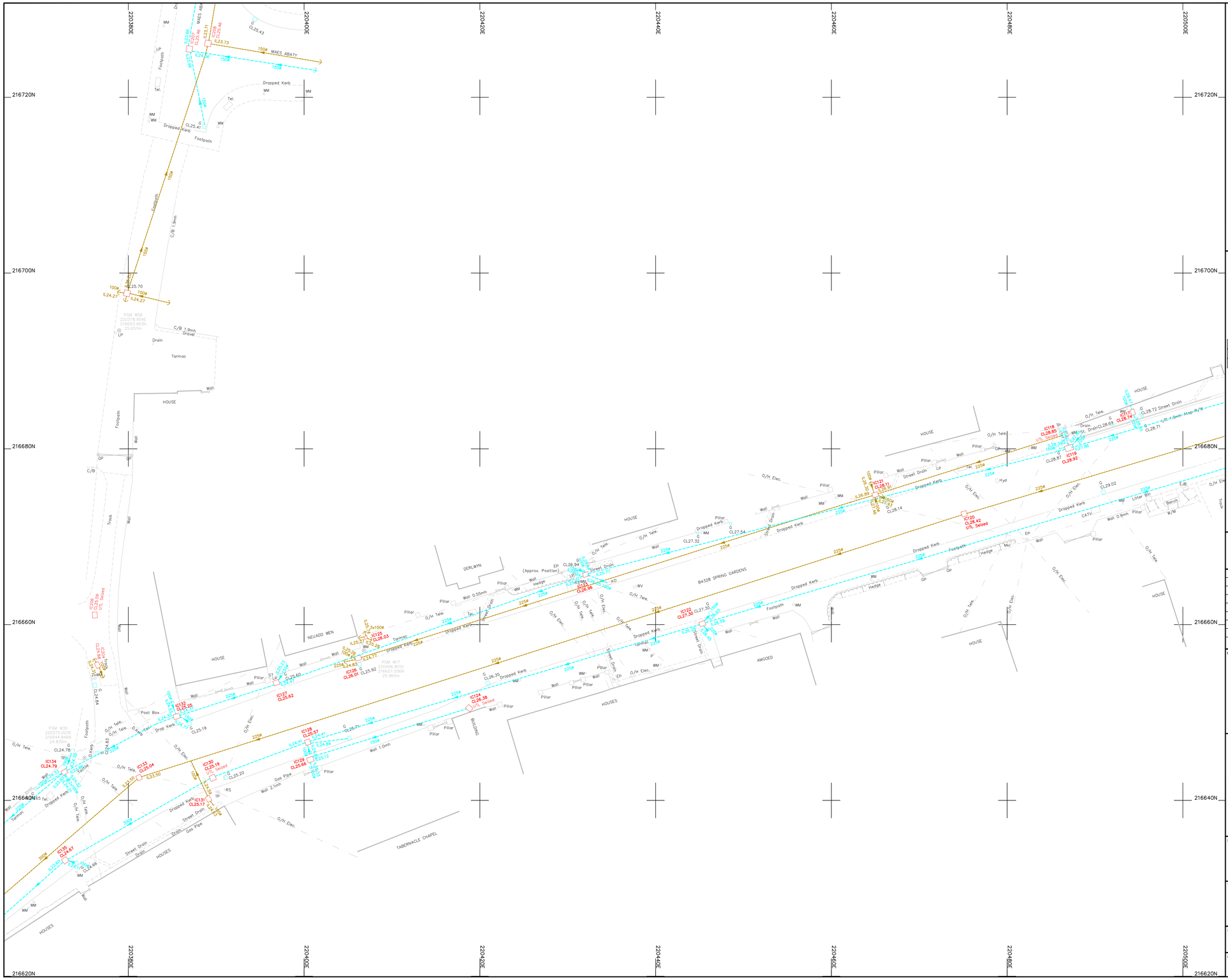
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

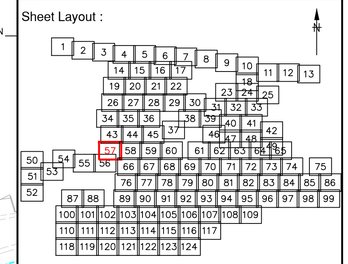
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Tel 01792 644181
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Project

Carmarthenshire
Site 12
SHEET 57 of 124

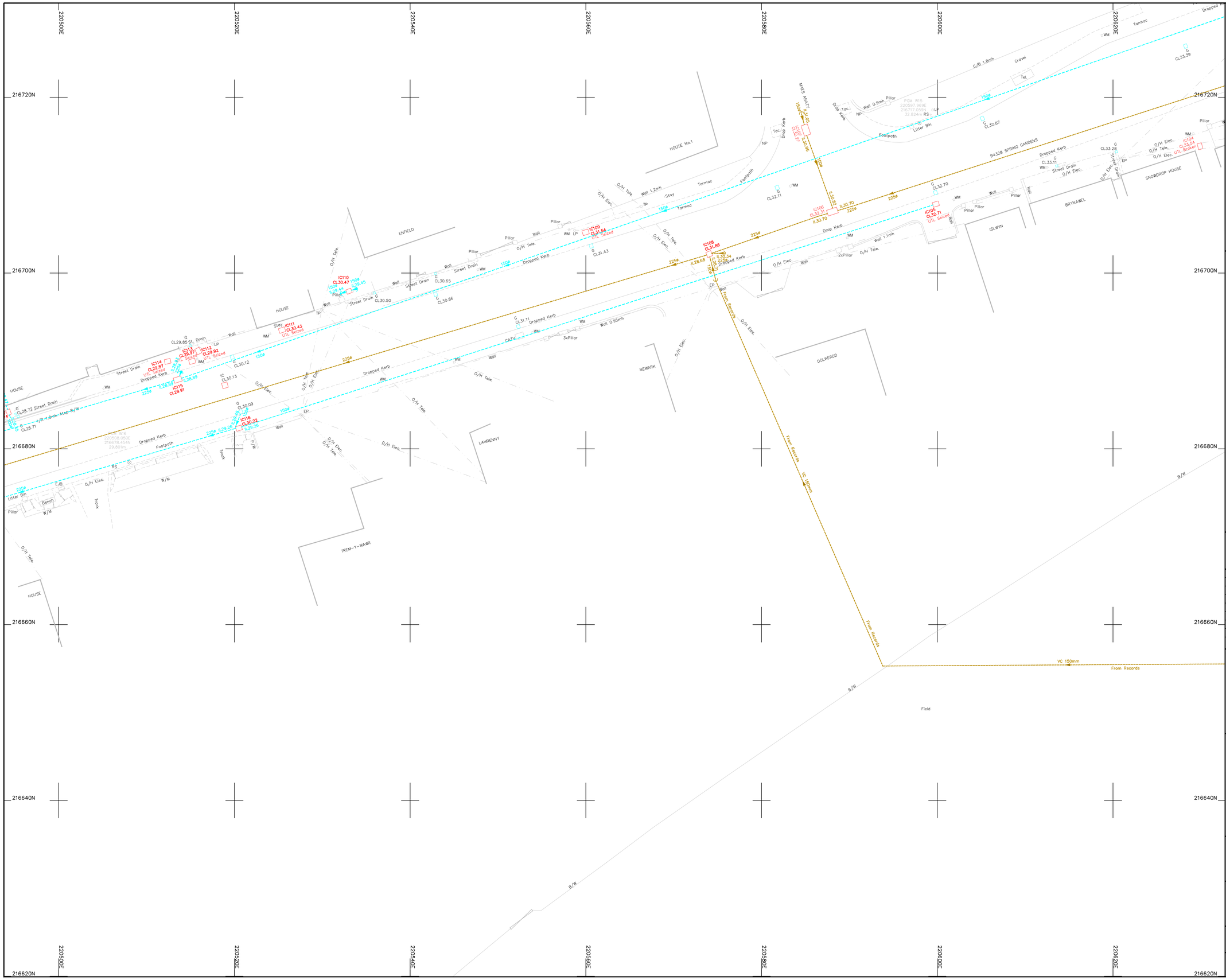
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + RL36.36

Roof Level + RL36.36

U/G Foul

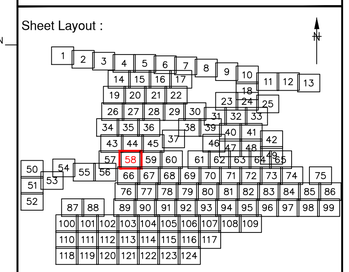
U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 58 of 124

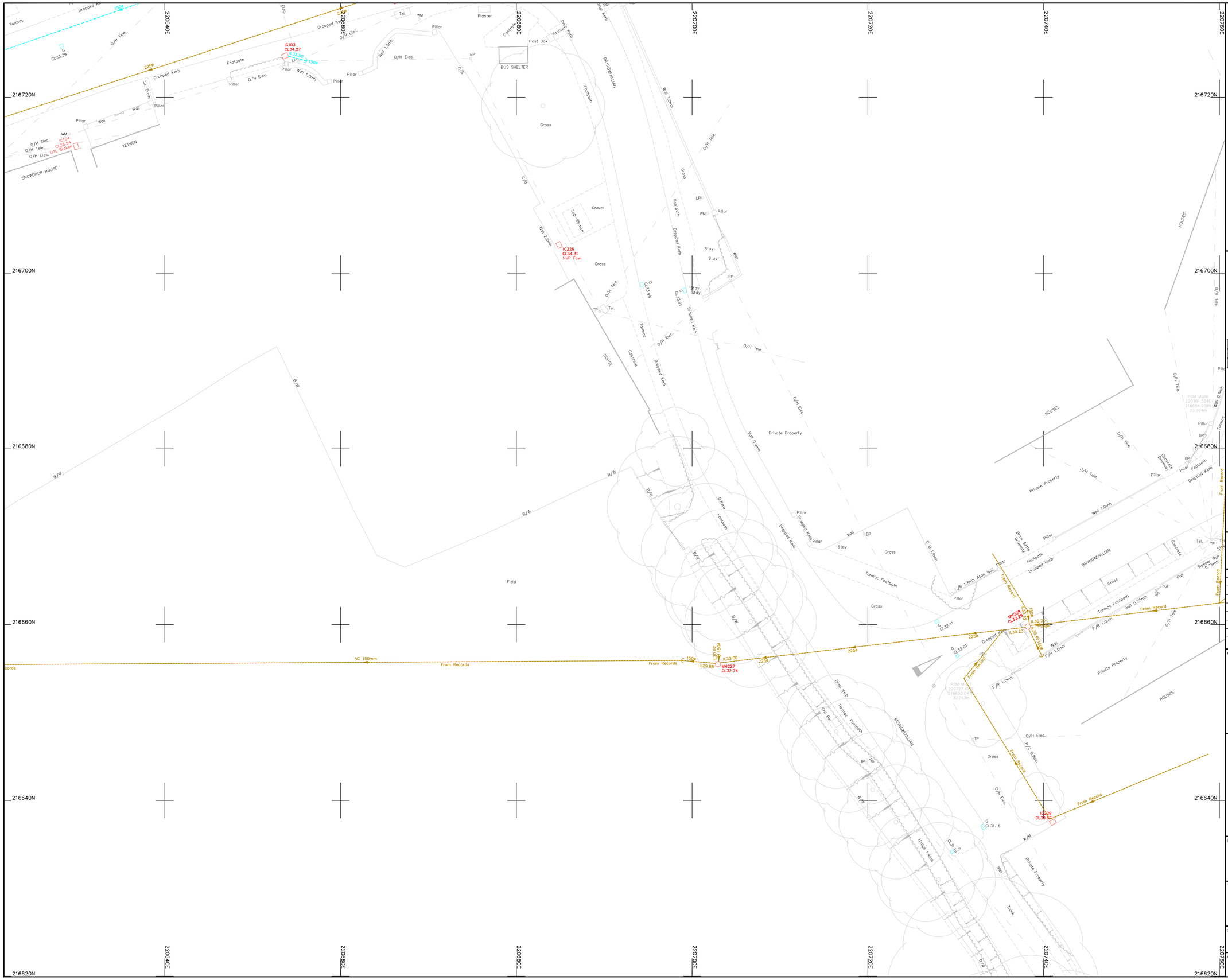
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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BB	Belisha Beacon	Mkr	Marker
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

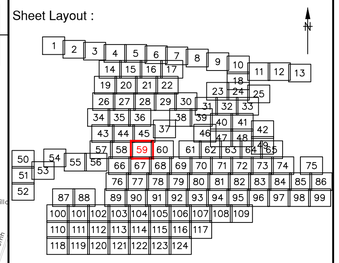
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Rev	Description	Date	Initial
1	Original Issue	26/06/23	JPD

CLIENT

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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 12
SHEET 59 of 124

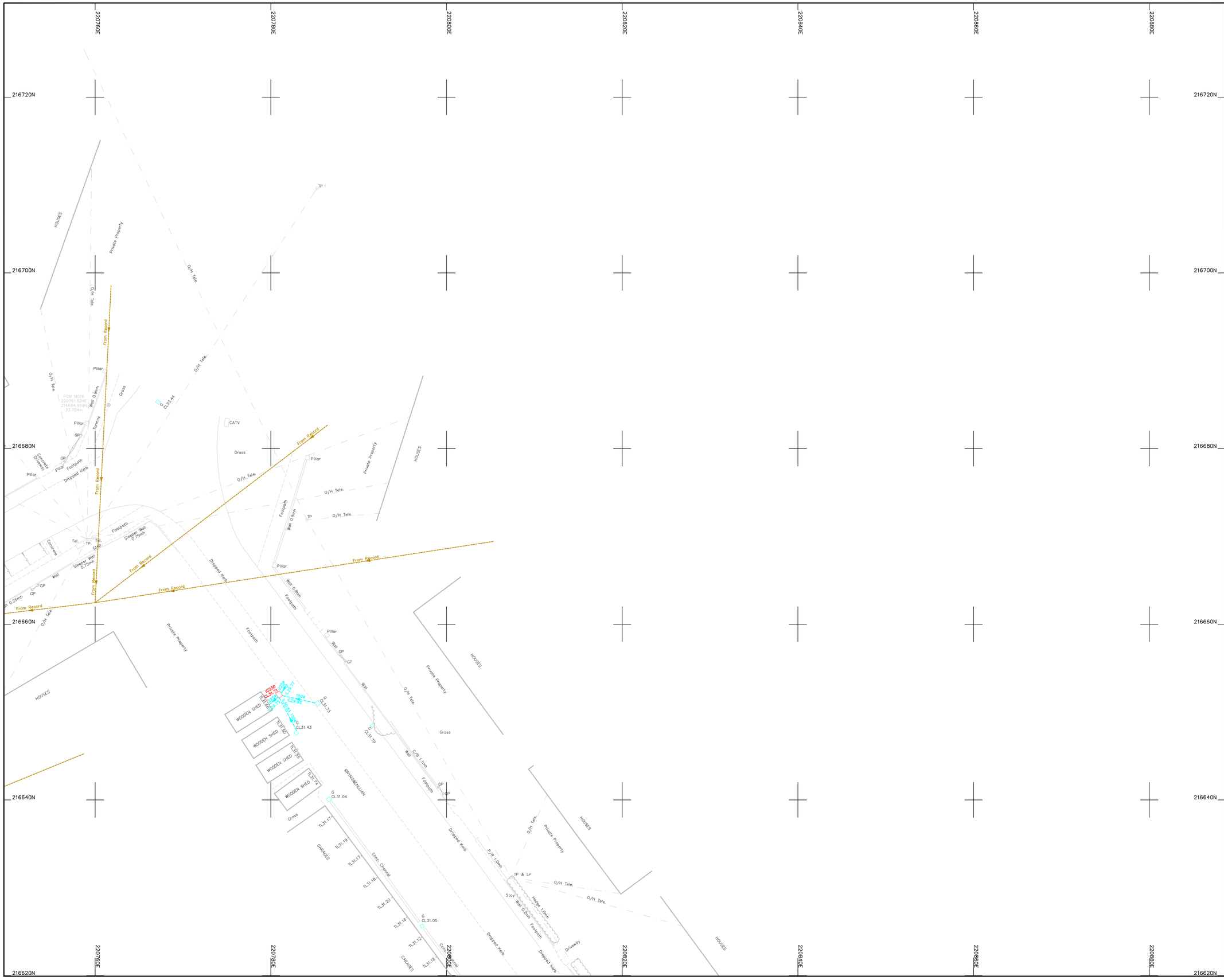
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-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
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LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

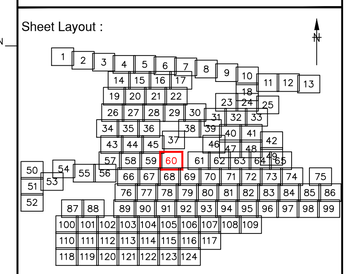
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Project

Carmarthenshire
Site 12
SHEET 60 of 124

Title

DRAINAGE
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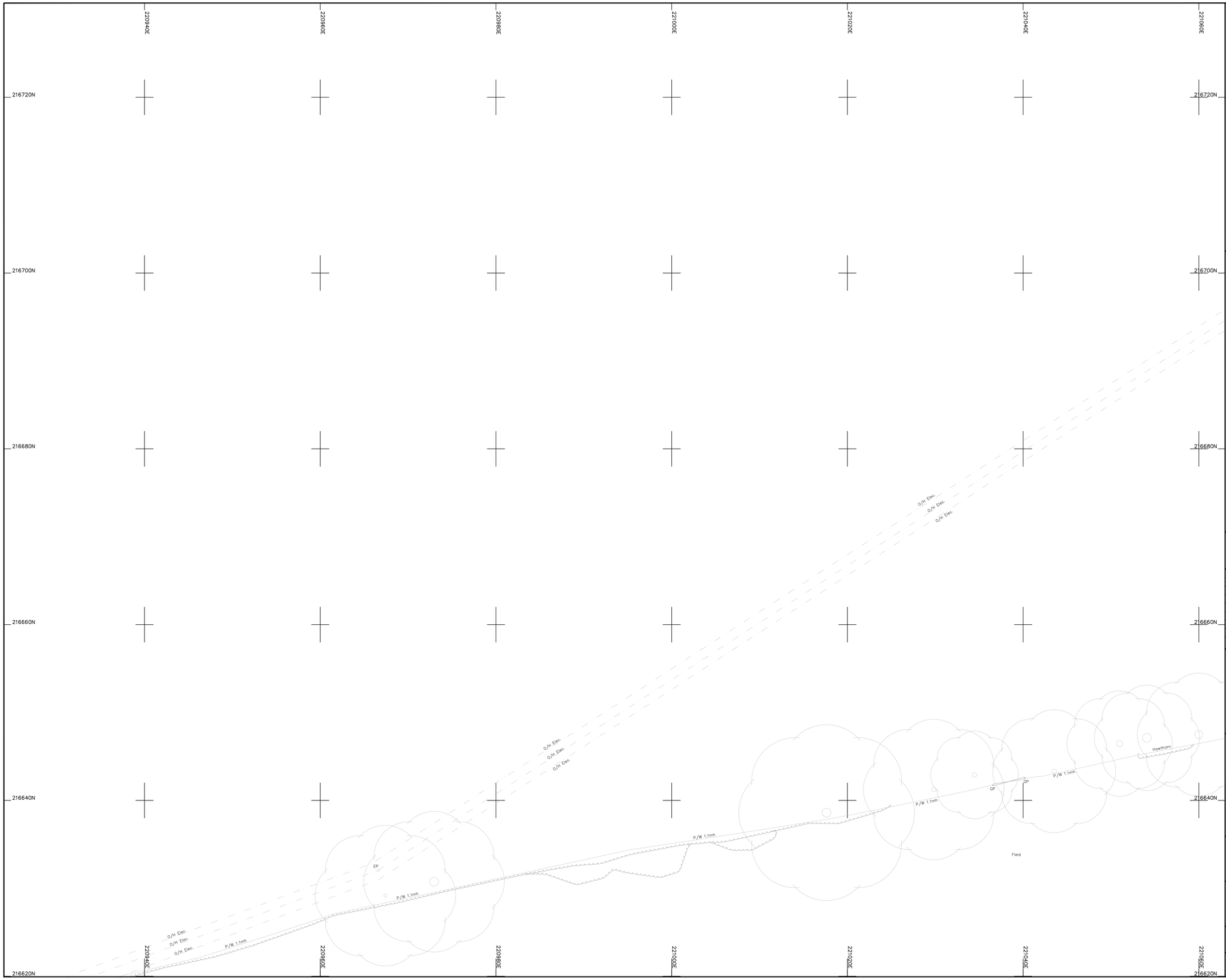

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

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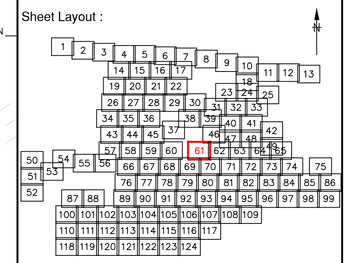

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Carmarthenshire
Site 12

SHEET 61 of 124

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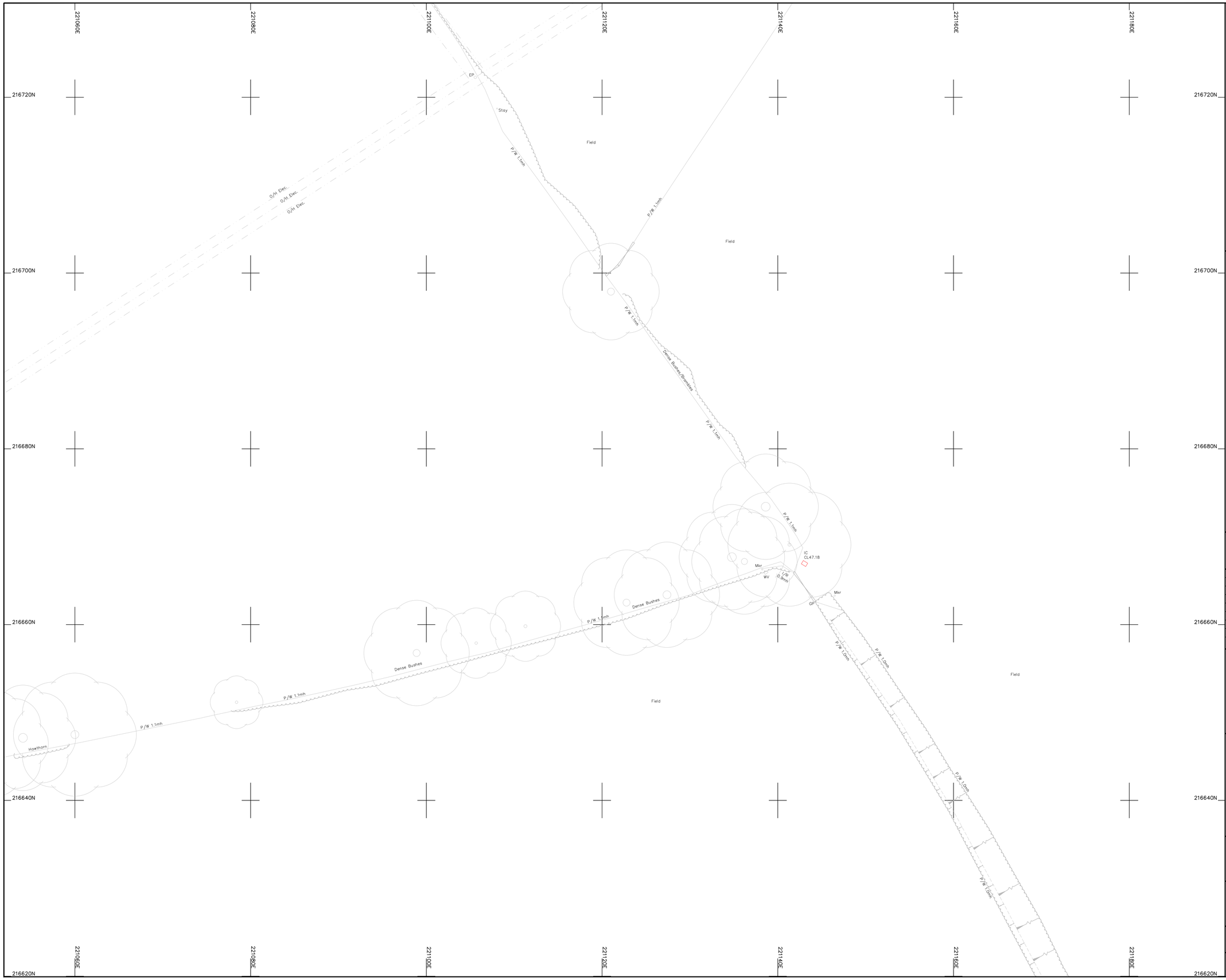

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End of Trace

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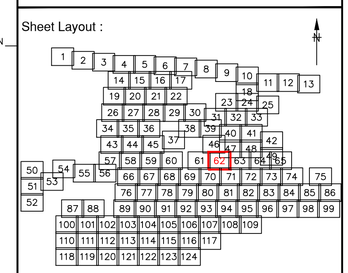

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Carmarthenshire
Site 12
SHEET 62 of 124

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DRAINAGE
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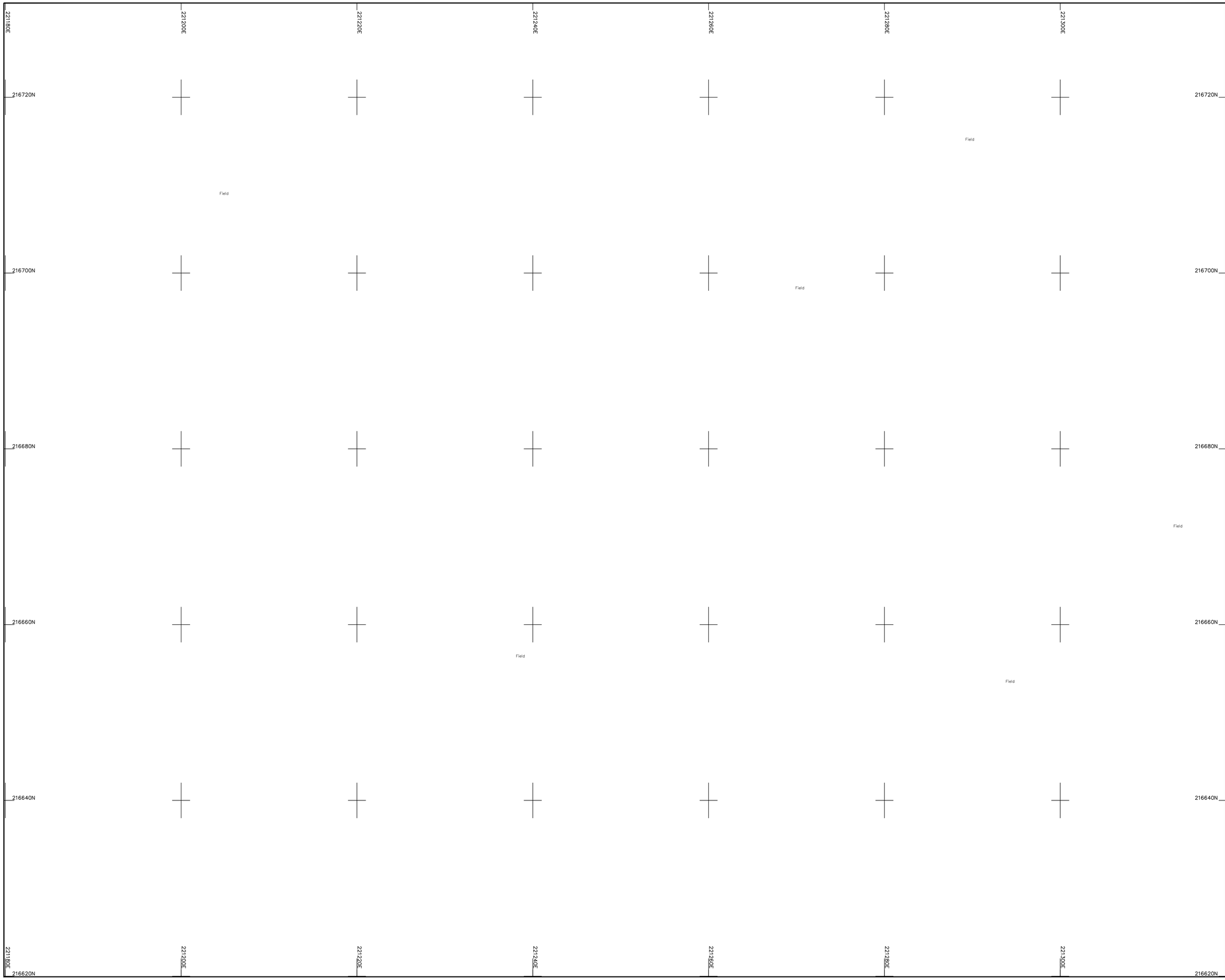

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Riverbed Level + BL36.36 ---------- U/G Foul

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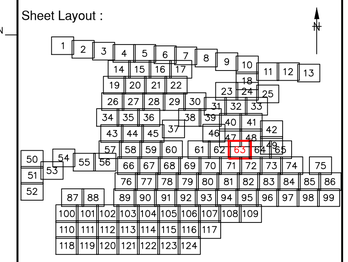

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Project

Carmarthenshire
Site 12

SHEET 63 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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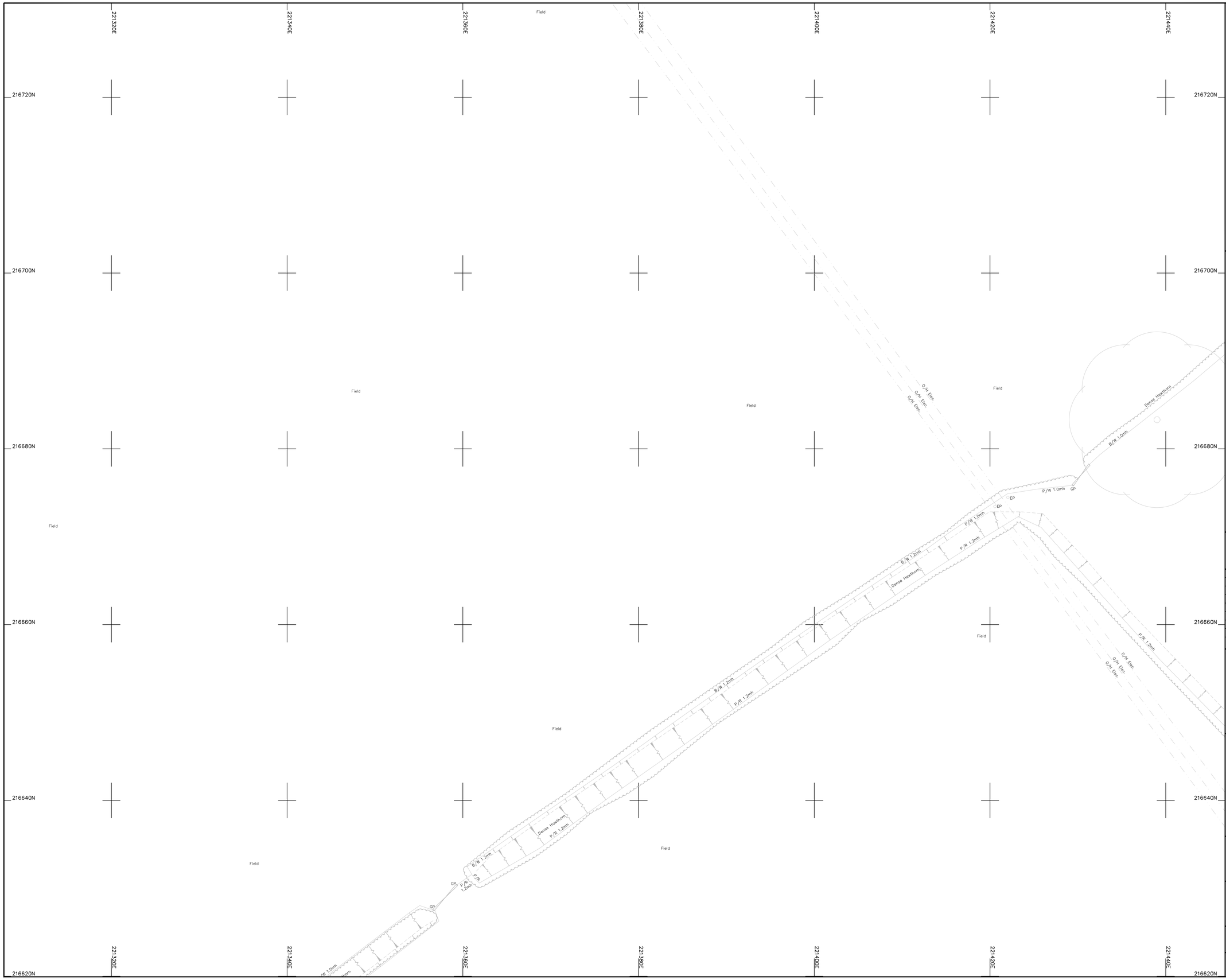

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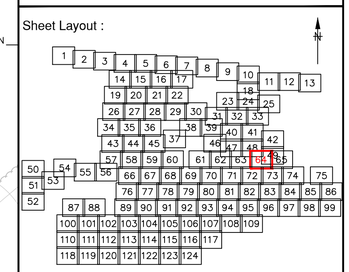

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SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 64 of 124

Title

DRAINAGE SURVEY

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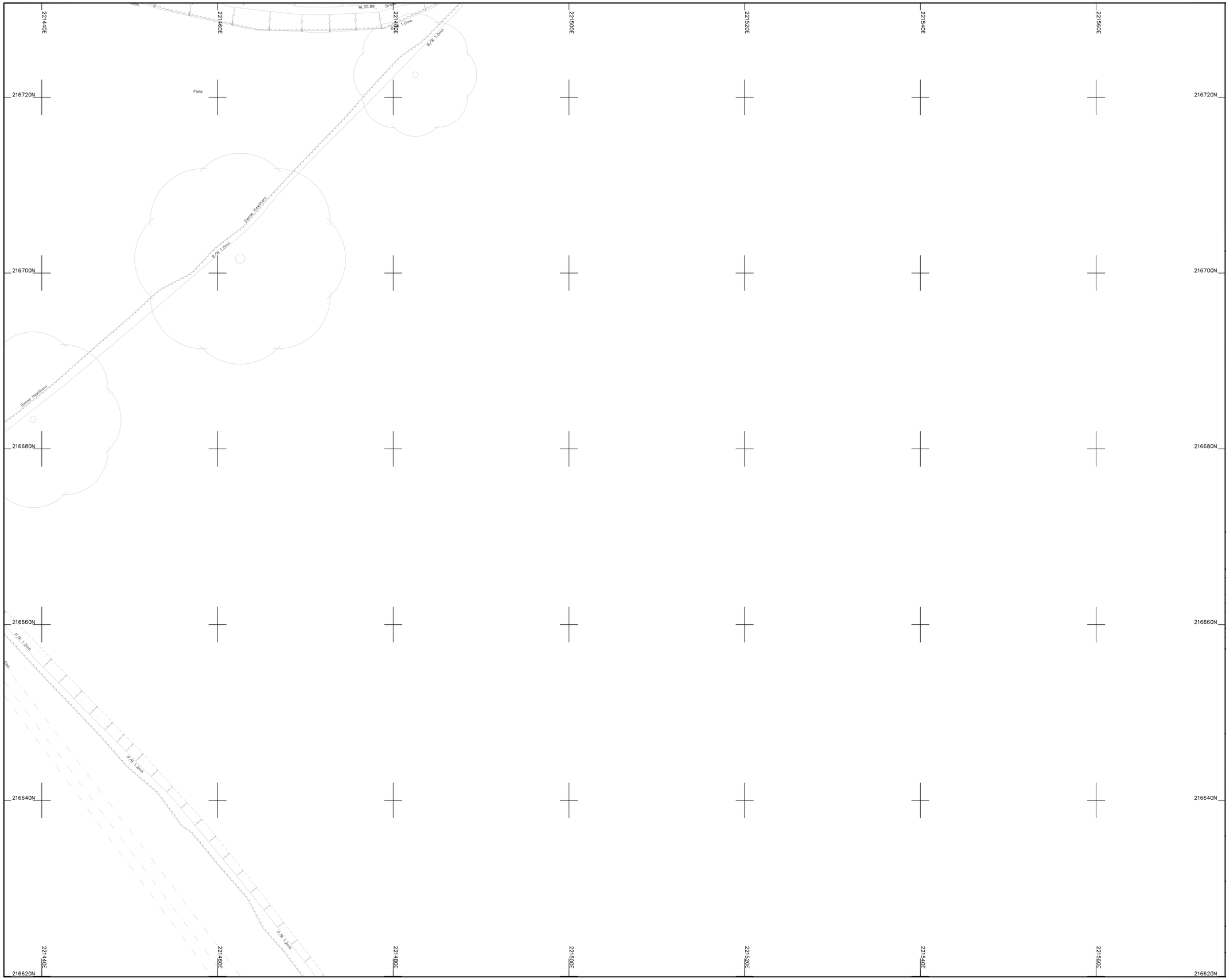

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Permanent Ground Marker ⊗

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Riverbed Level + BL36.36 — U/G Foul

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End of Trace

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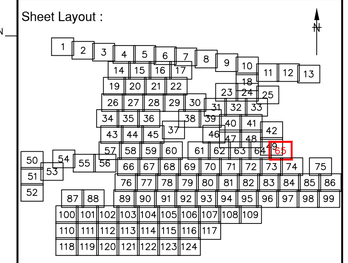

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Site 12

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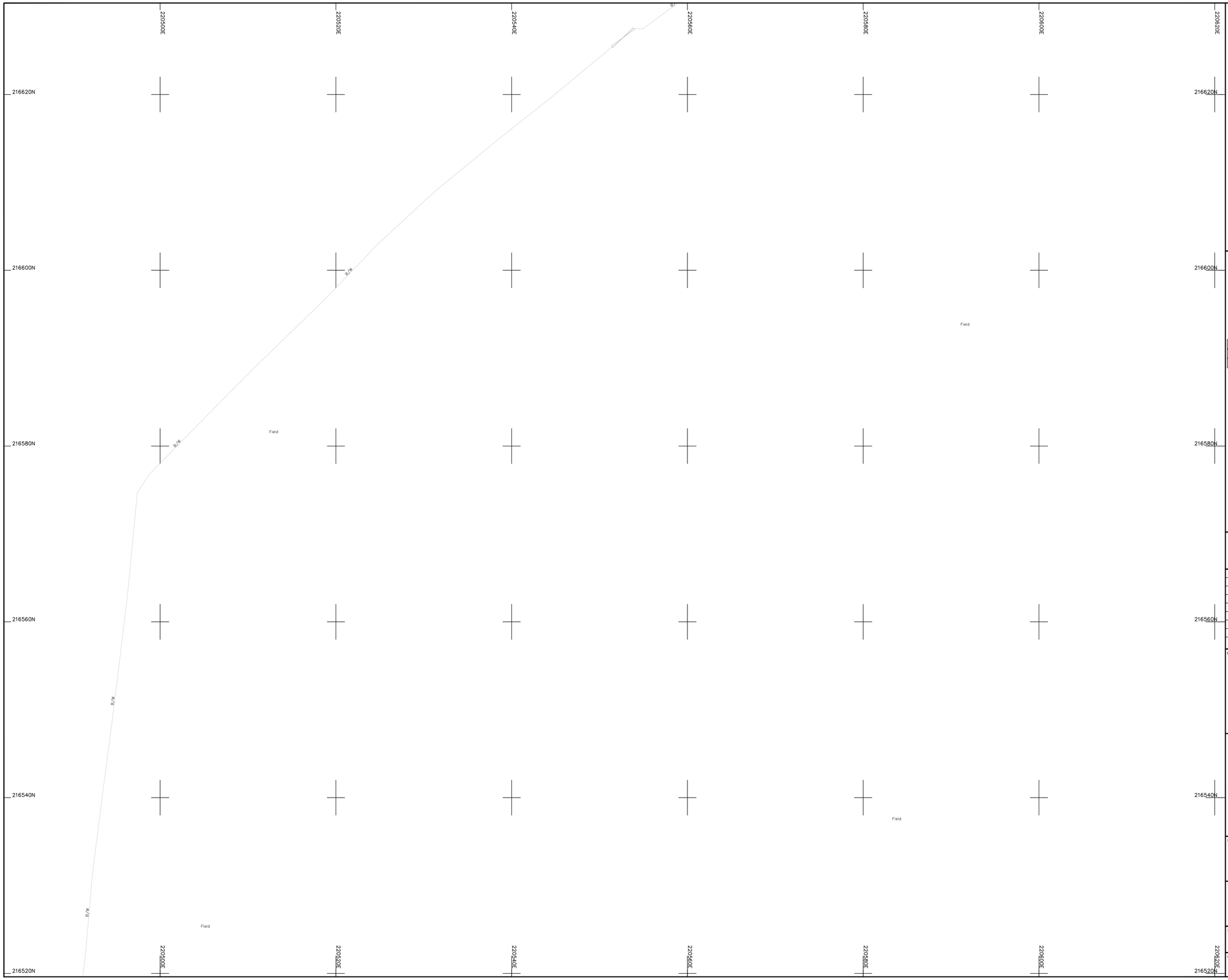

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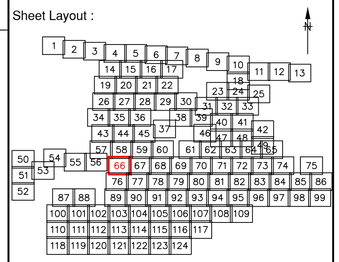

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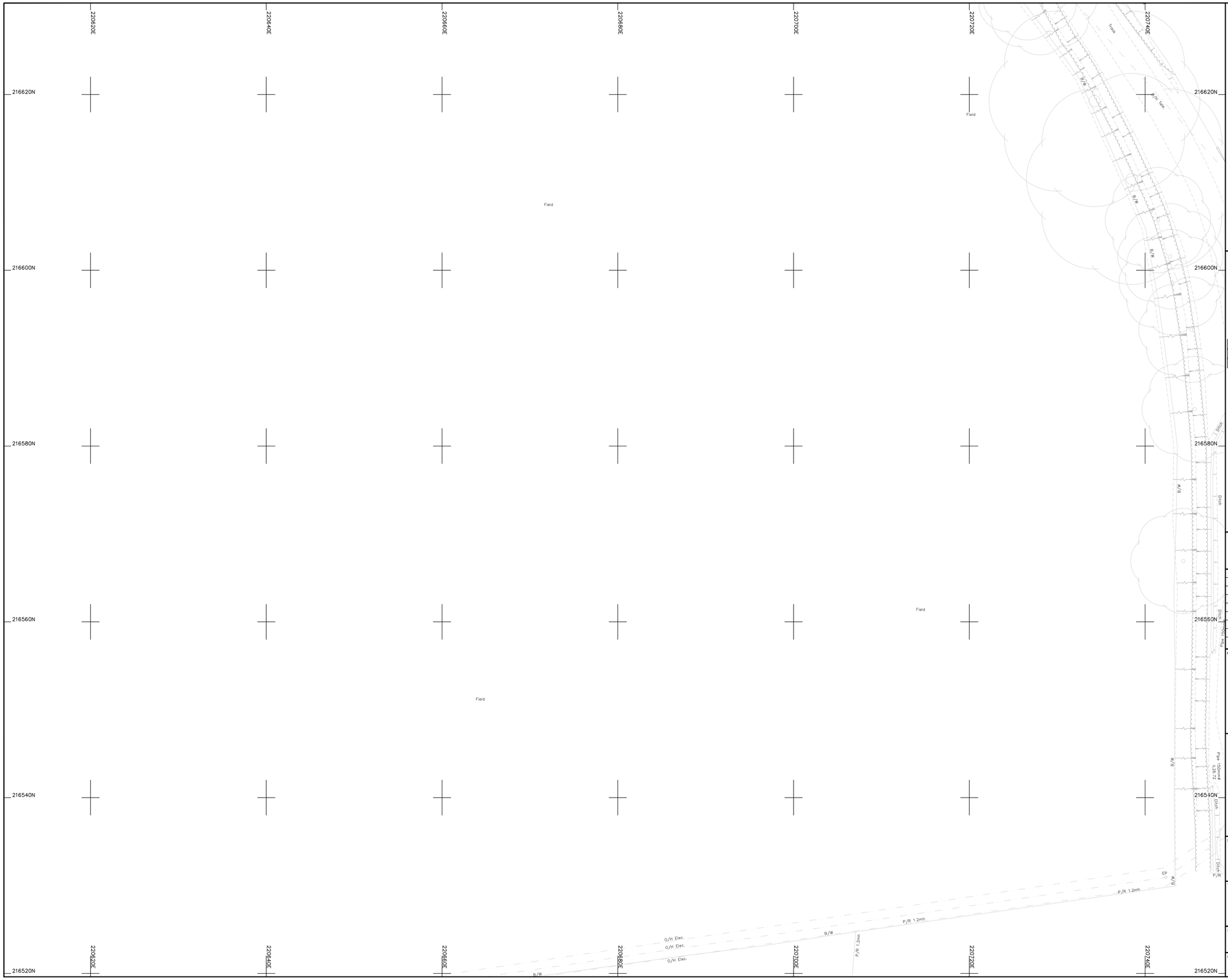

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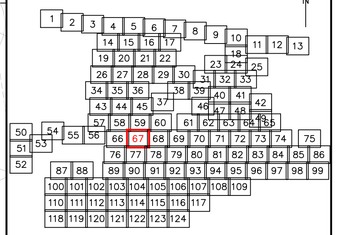

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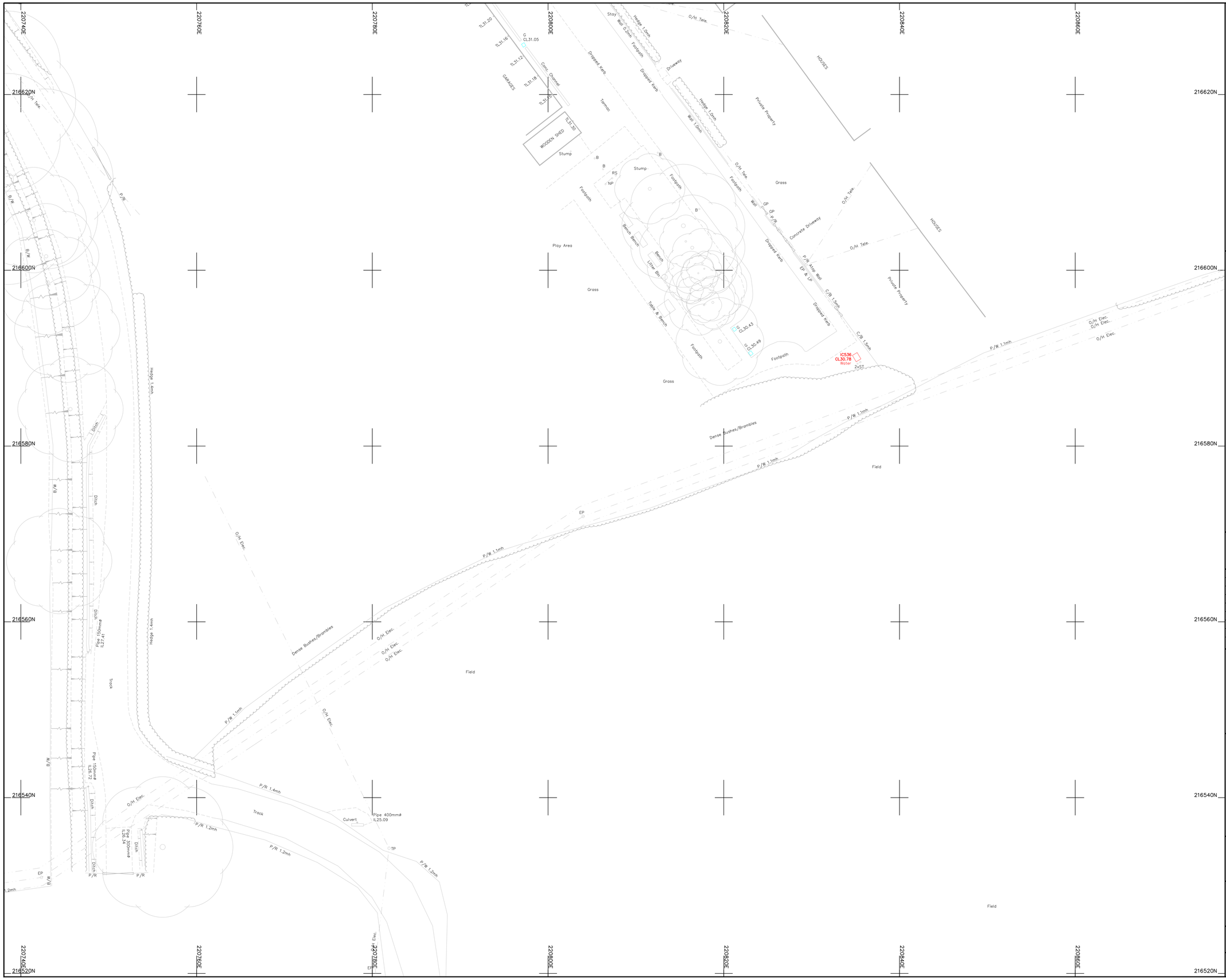

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AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
B	Bollard	MS	Mile Stone
CP	Catch Pit	Pal	Paling
C/P	Chestnut Paling	PM	Parking Meter
CE	Cleaning Eye	P	Post
C/B	Close Boarded	P/C	Post and Chain
C/I	Corrugated Iron	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 ↑

Riverbed Level + BL36.36 ---------- U/G Foul

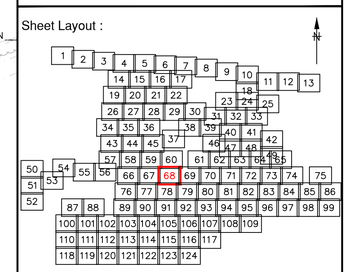
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/06/23	JPD

CLIENT

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MALCOLM HUGHES
CHARTERED LAND SURVEYORS

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

Project

Carmarthenshire
Site 12
SHEET 68 of 124

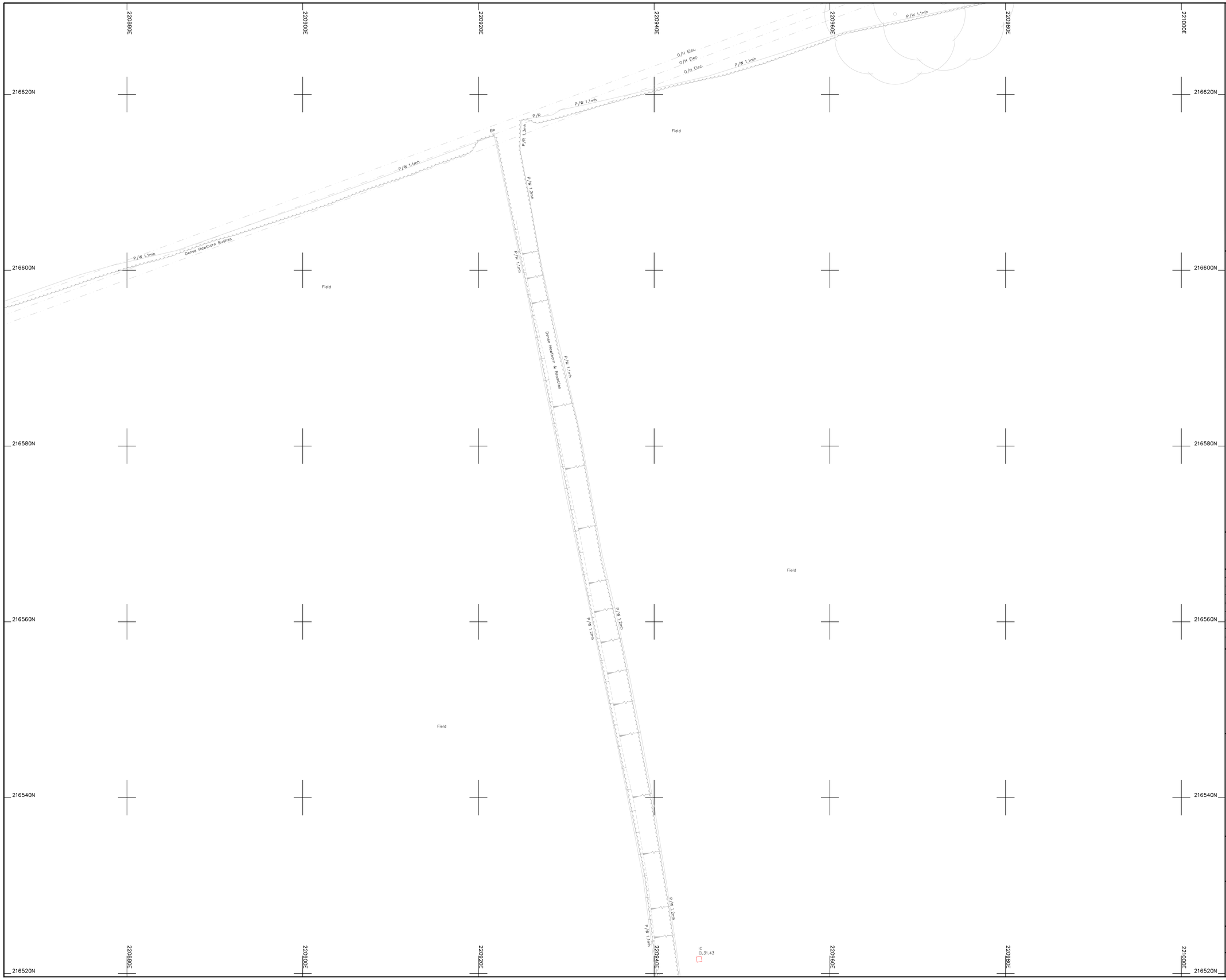
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
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LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

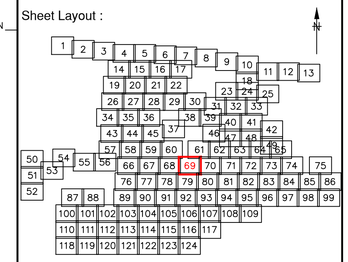
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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

Project

Carmarthenshire
Site 12
SHEET 69 of 124

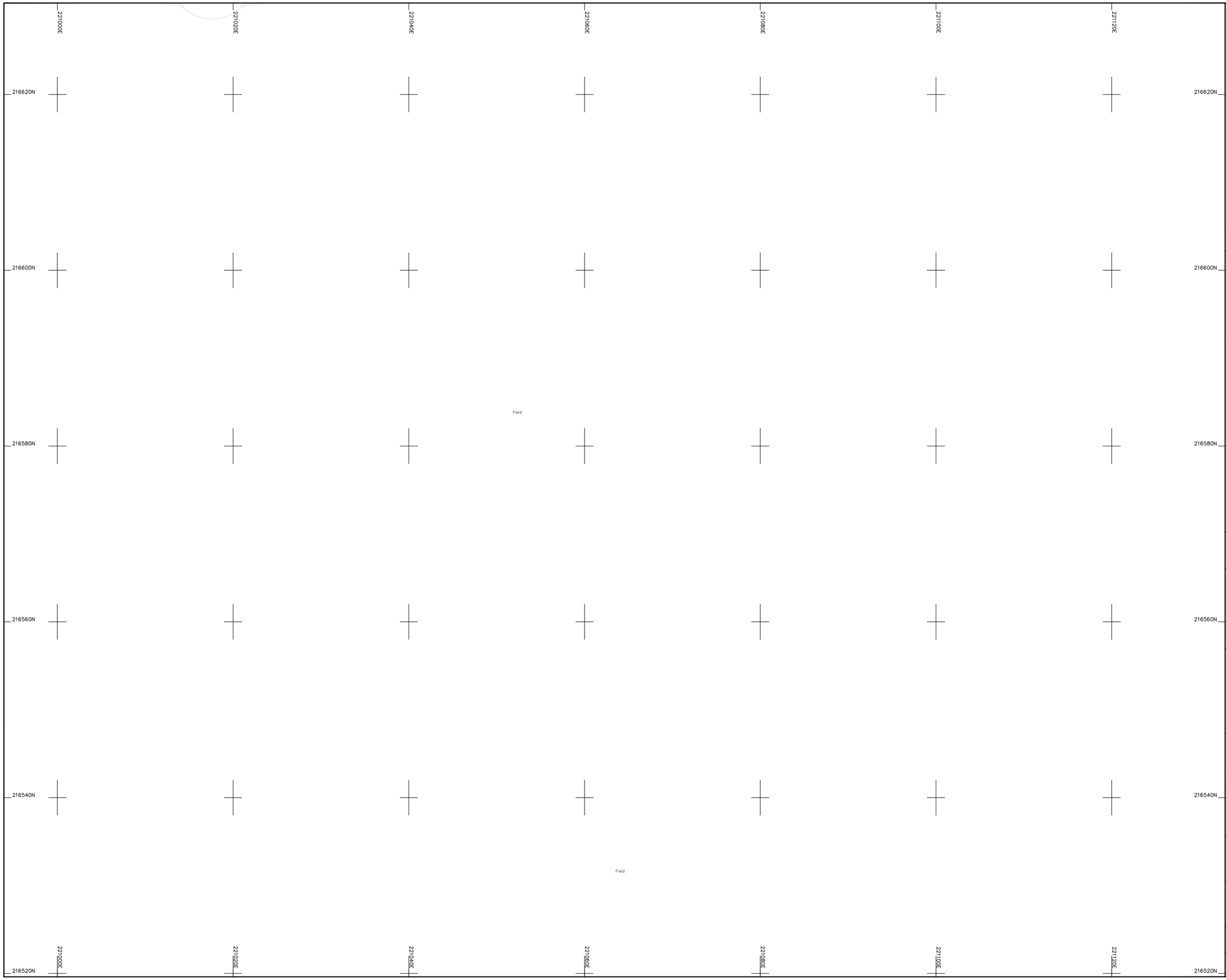
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

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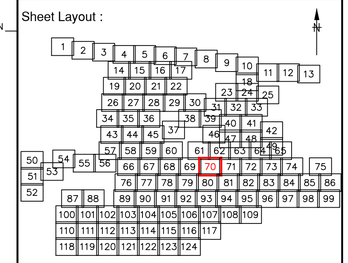
Sheet Layout :



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SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 70 of 124

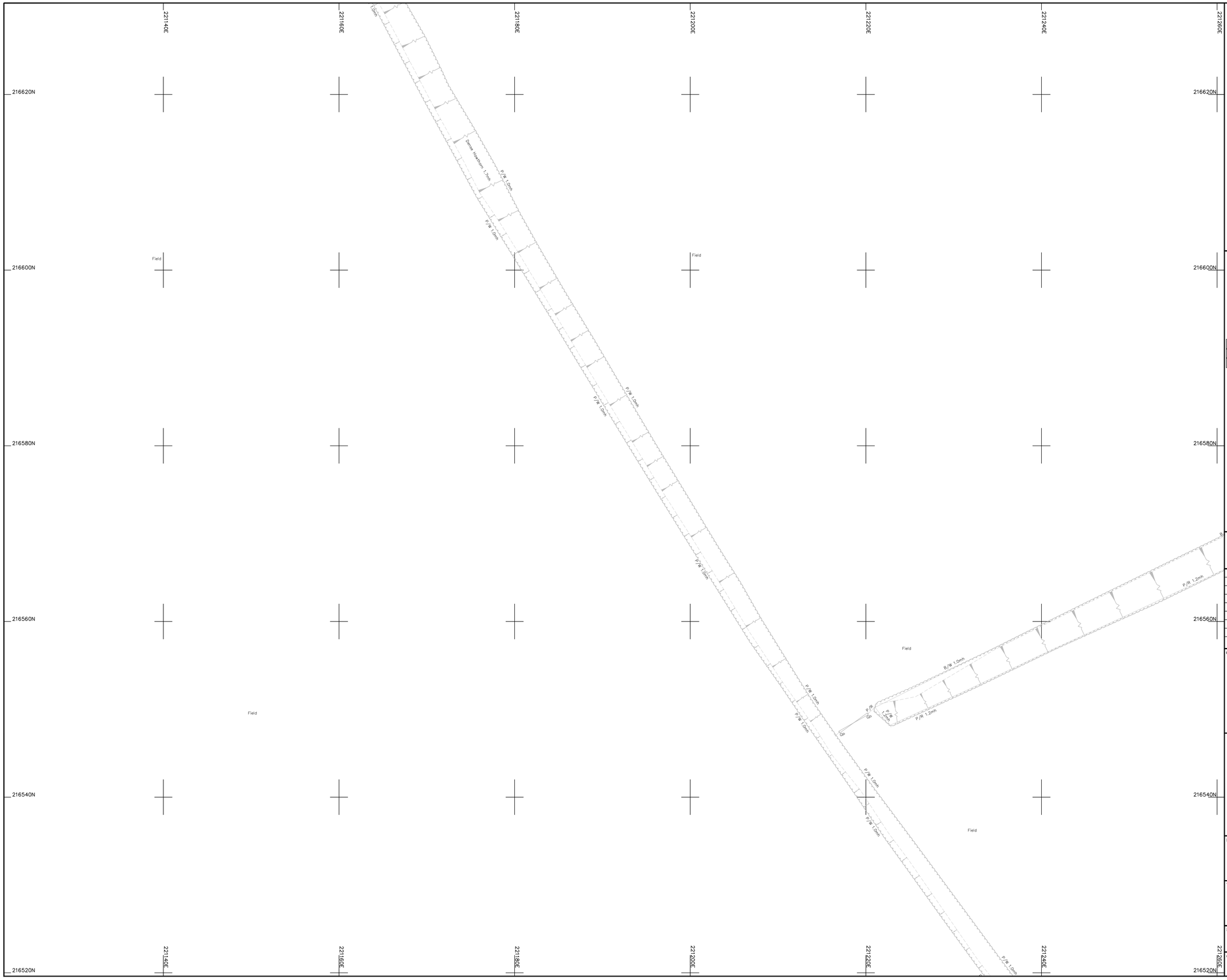
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

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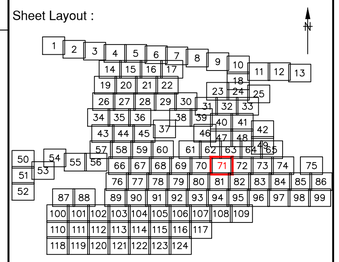
---------> End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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SWANSEA
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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 71 of 124

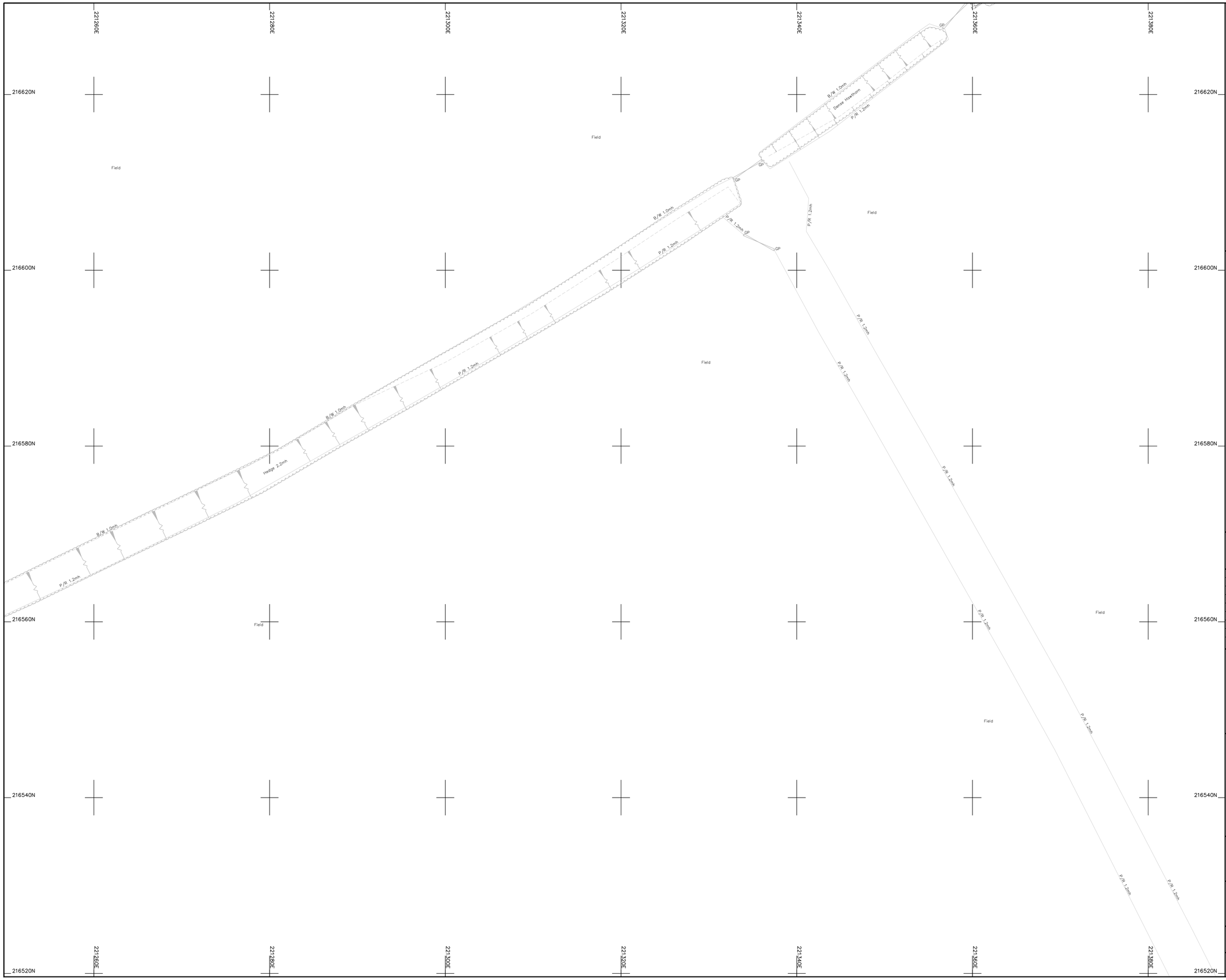
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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AP	Anchor Point	LB	Letter Box
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

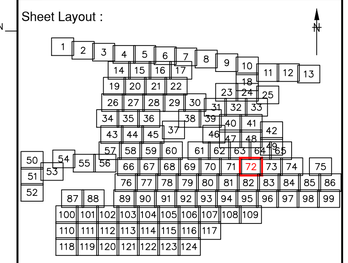
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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

Project

Carmarthenshire
Site 12
SHEET 72 of 124

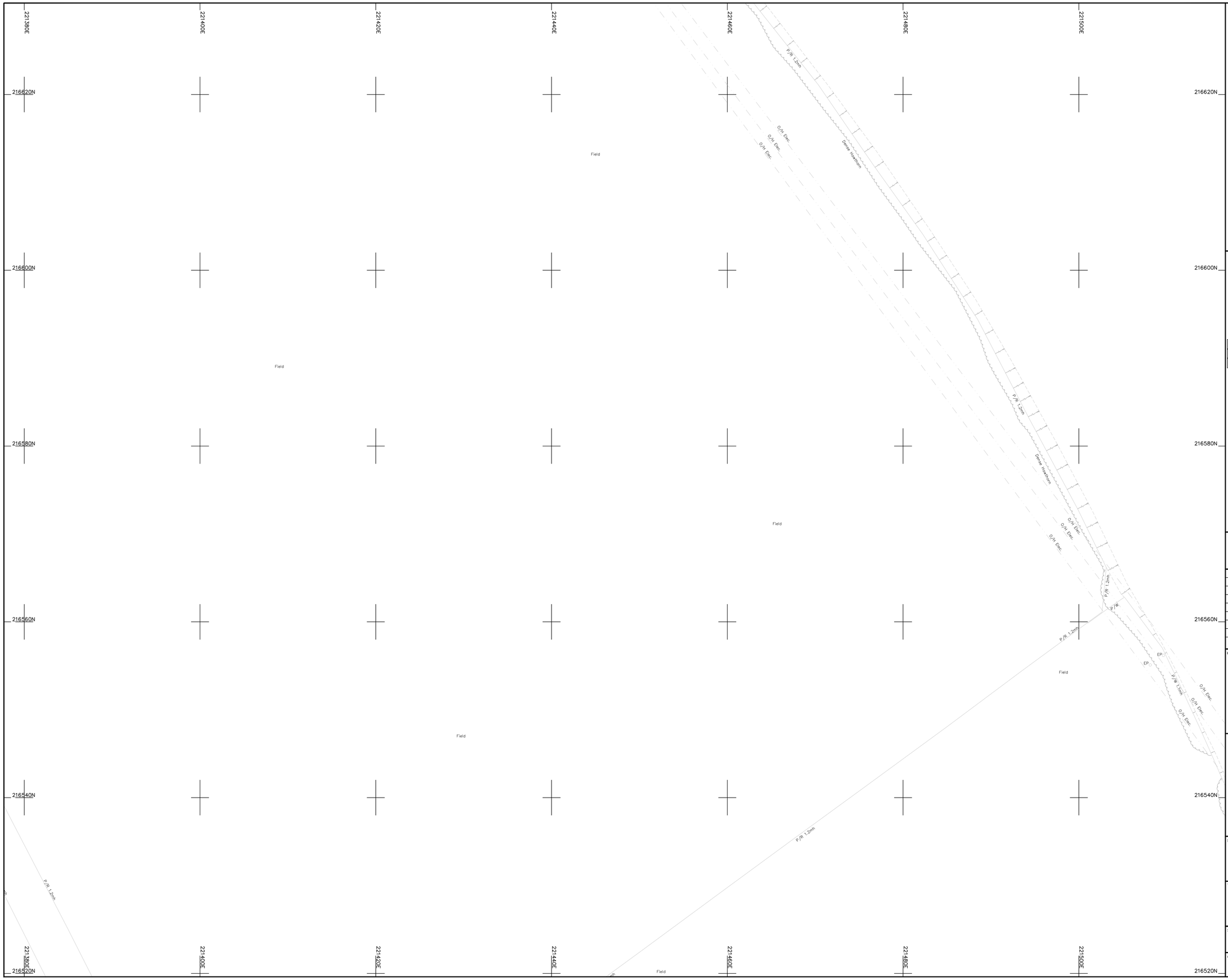
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul

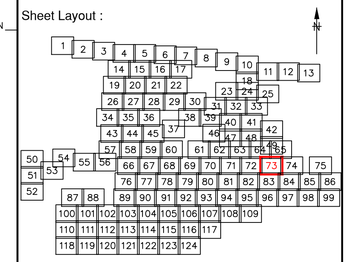
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

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 12
SHEET 73 of 124

Title

DRAINAGE
SURVEY

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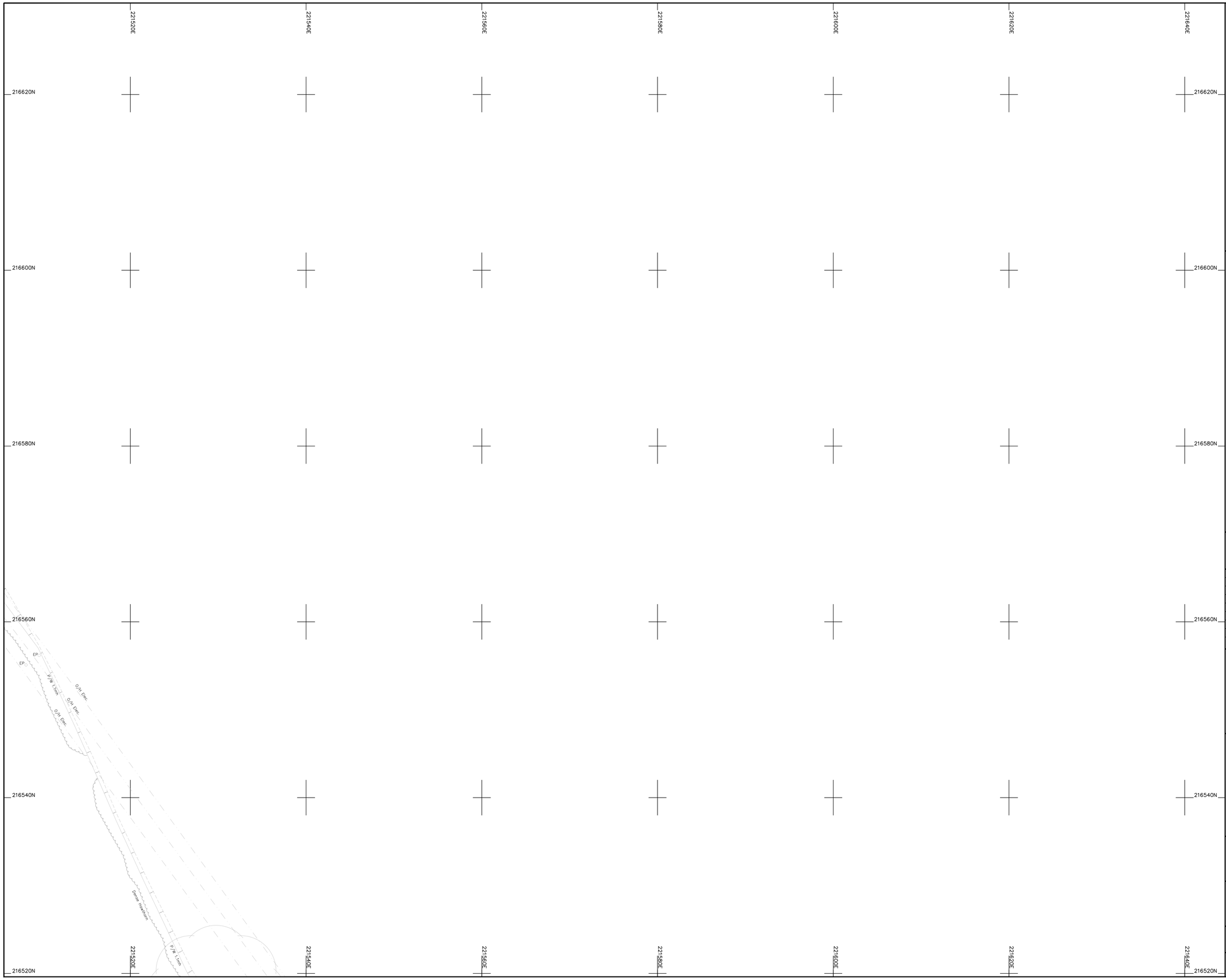
Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

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End of Trace

UTL Unable to Lift

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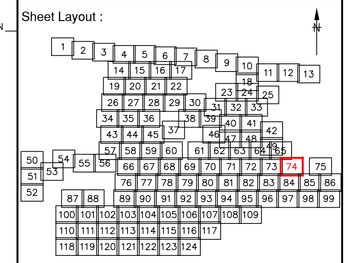
Sheet Layout :



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SWANSEA
SA1 1HE
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Project

Carmarthenshire
Site 12

SHEET 74 of 124

Title

DRAINAGE
SURVEY

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

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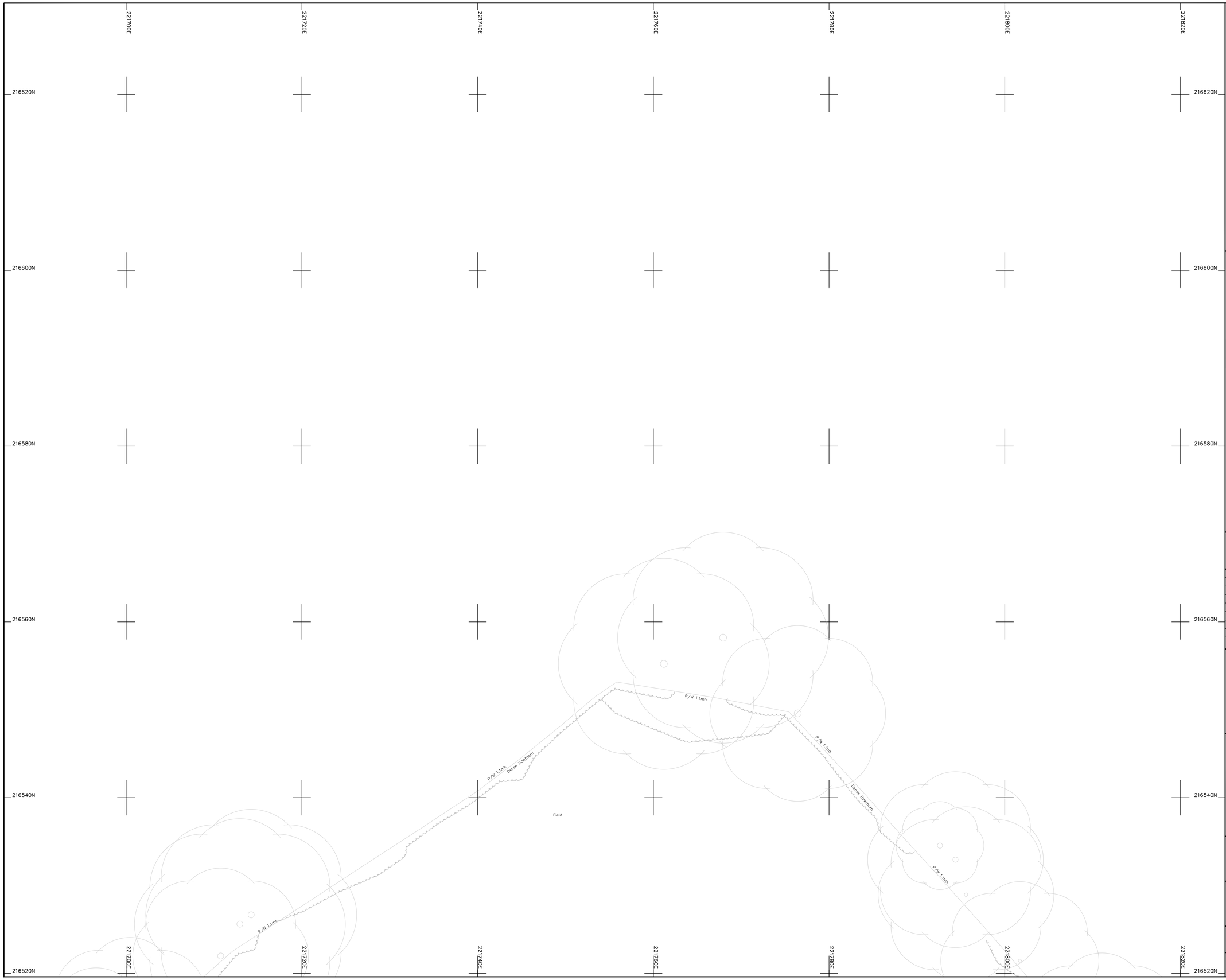

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Permanent Ground Marker ⊗

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Riverbed Level + BL36.36 ---------- U/G Foul

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---------- End of Trace

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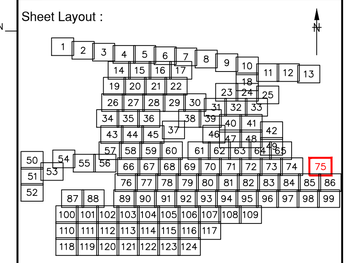

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Project

Carmarthenshire
Site 12
SHEET 75 of 124

Title

DRAINAGE
SURVEY

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

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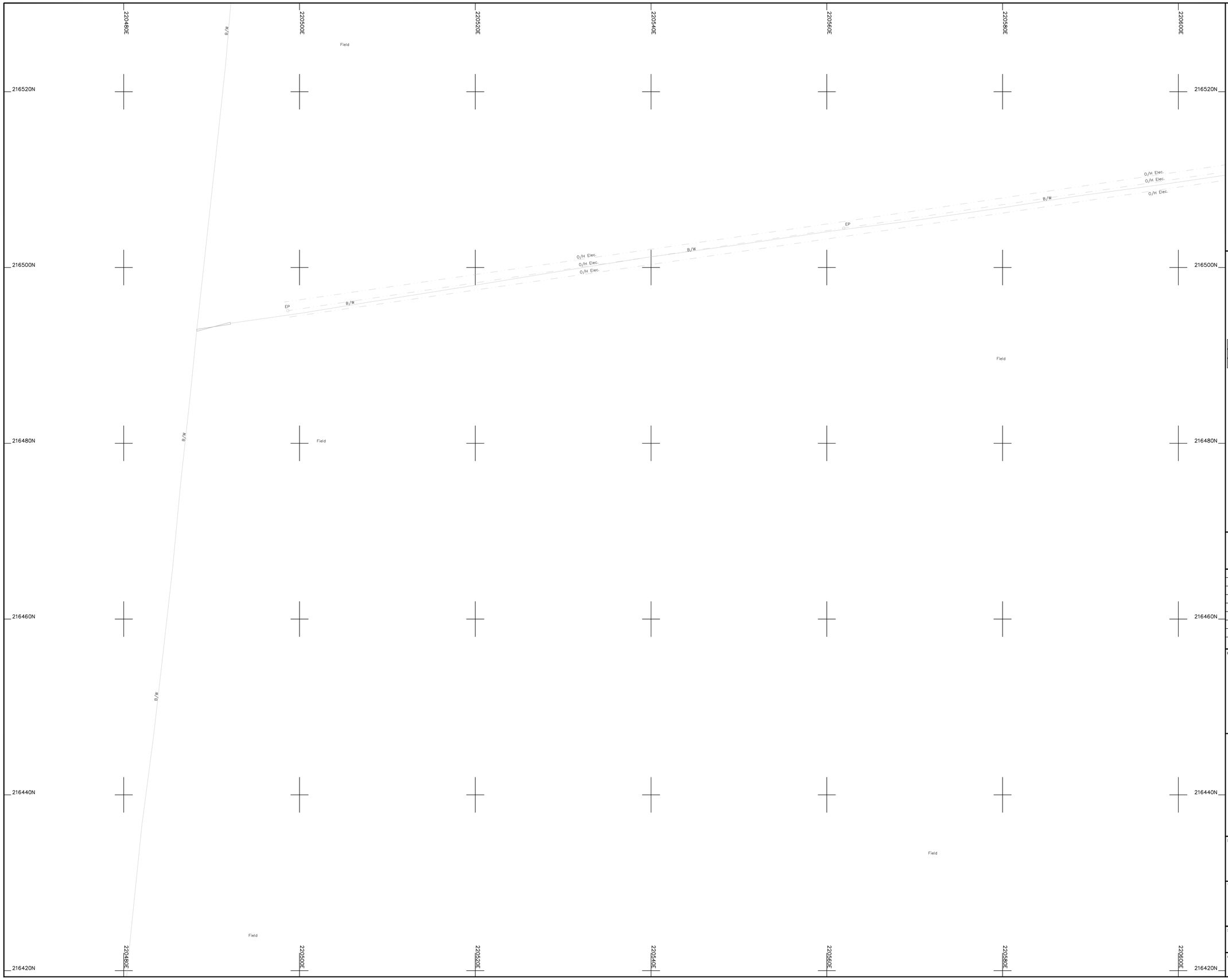

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

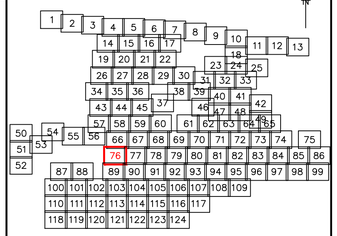
Roof Level + RL36.36 — U/G Storm

→ End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/06/23	JPD

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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 12

SHEET 76 of 124

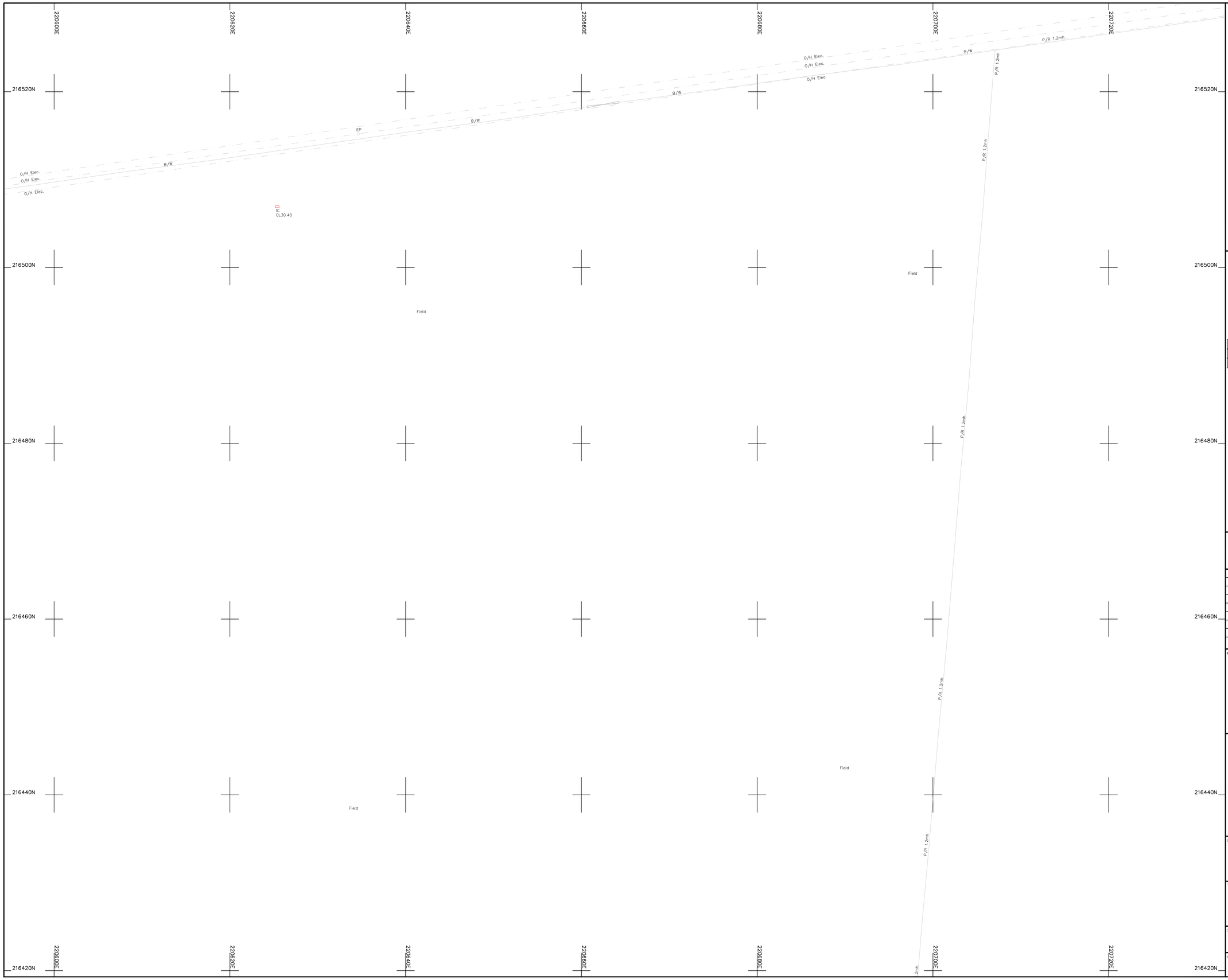
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-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
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Permanent Ground Marker ⊗

O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul

Roof Level + RL36.36 — U/G Storm

End of Trace

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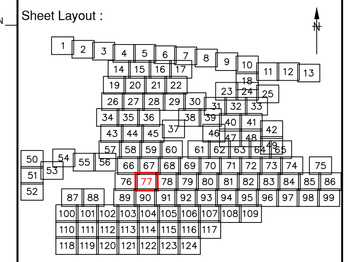
Sheet Layout :



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Project

Carmarthenshire
Site 12

SHEET 77 of 124

Title

DRAINAGE
SURVEY

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

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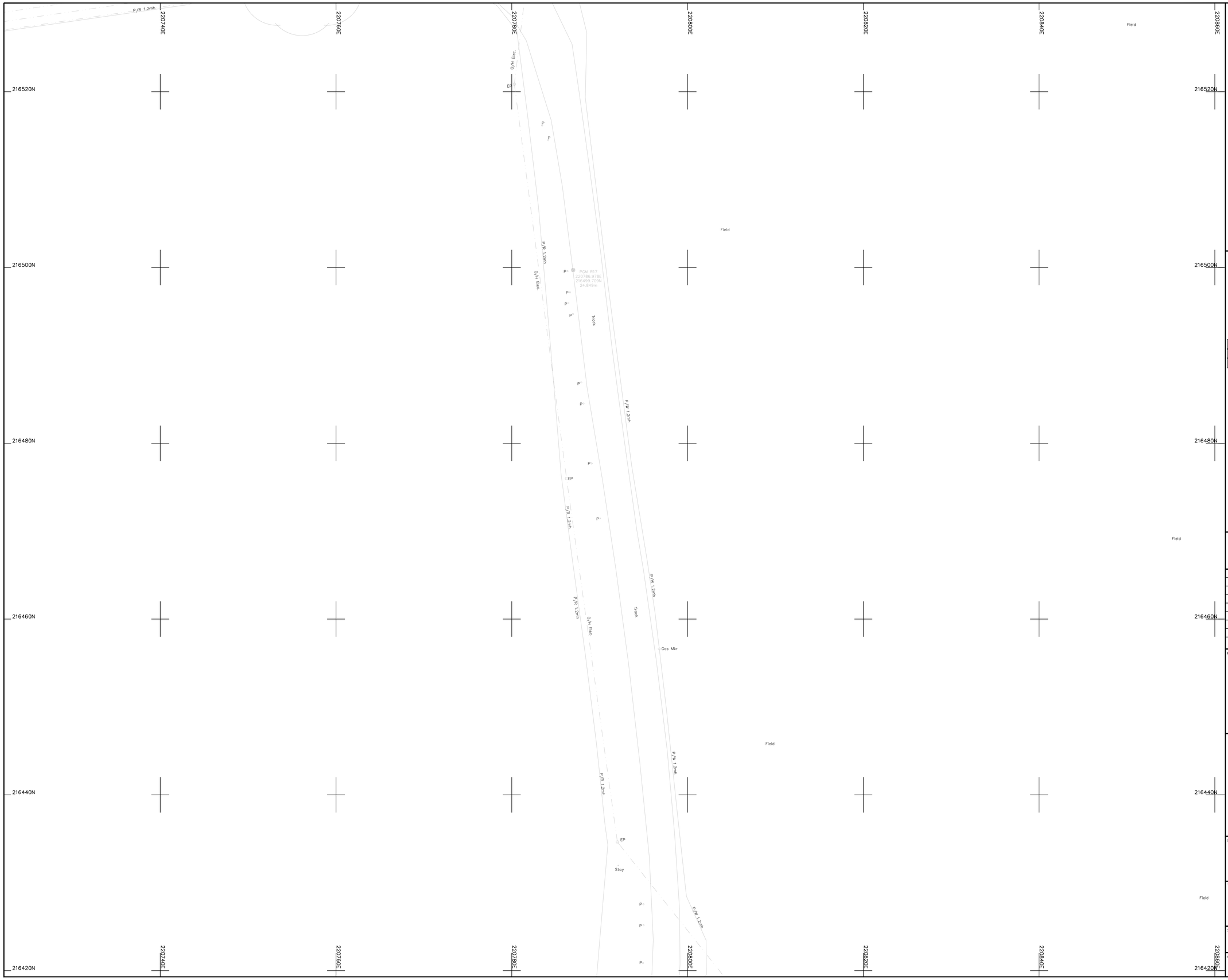

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Permanent Ground Marker ⊗

O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul

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End of Trace

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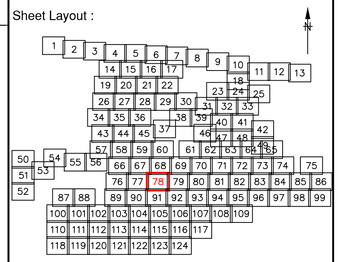
Sheet Layout :



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Project

Carmarthenshire
Site 12
SHEET 78 of 124

Title

DRAINAGE
SURVEY

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

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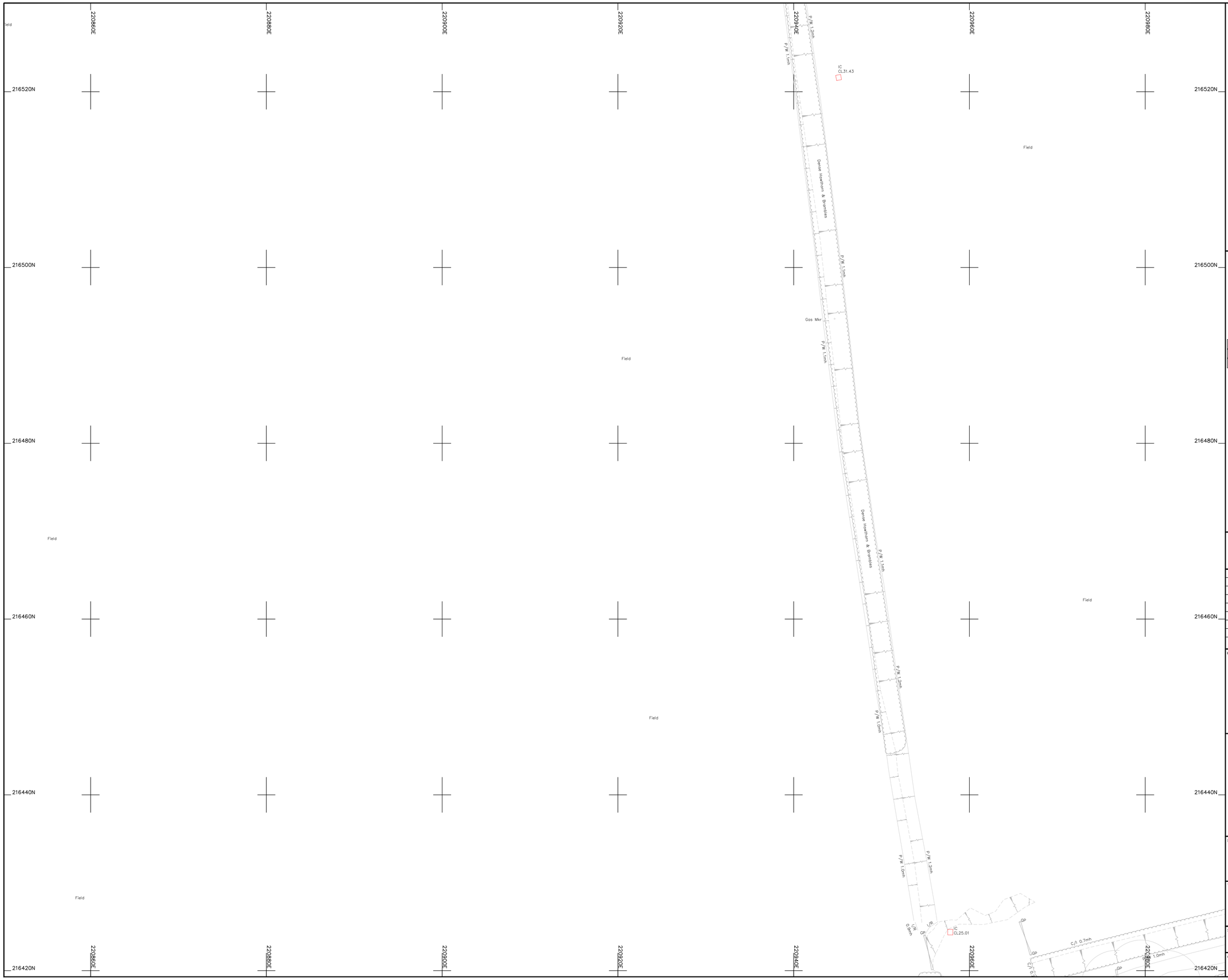

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Permanent Ground Marker ⊗

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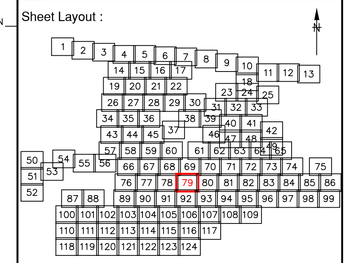

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Project

Carmarthenshire
Site 12

SHEET 79 of 124

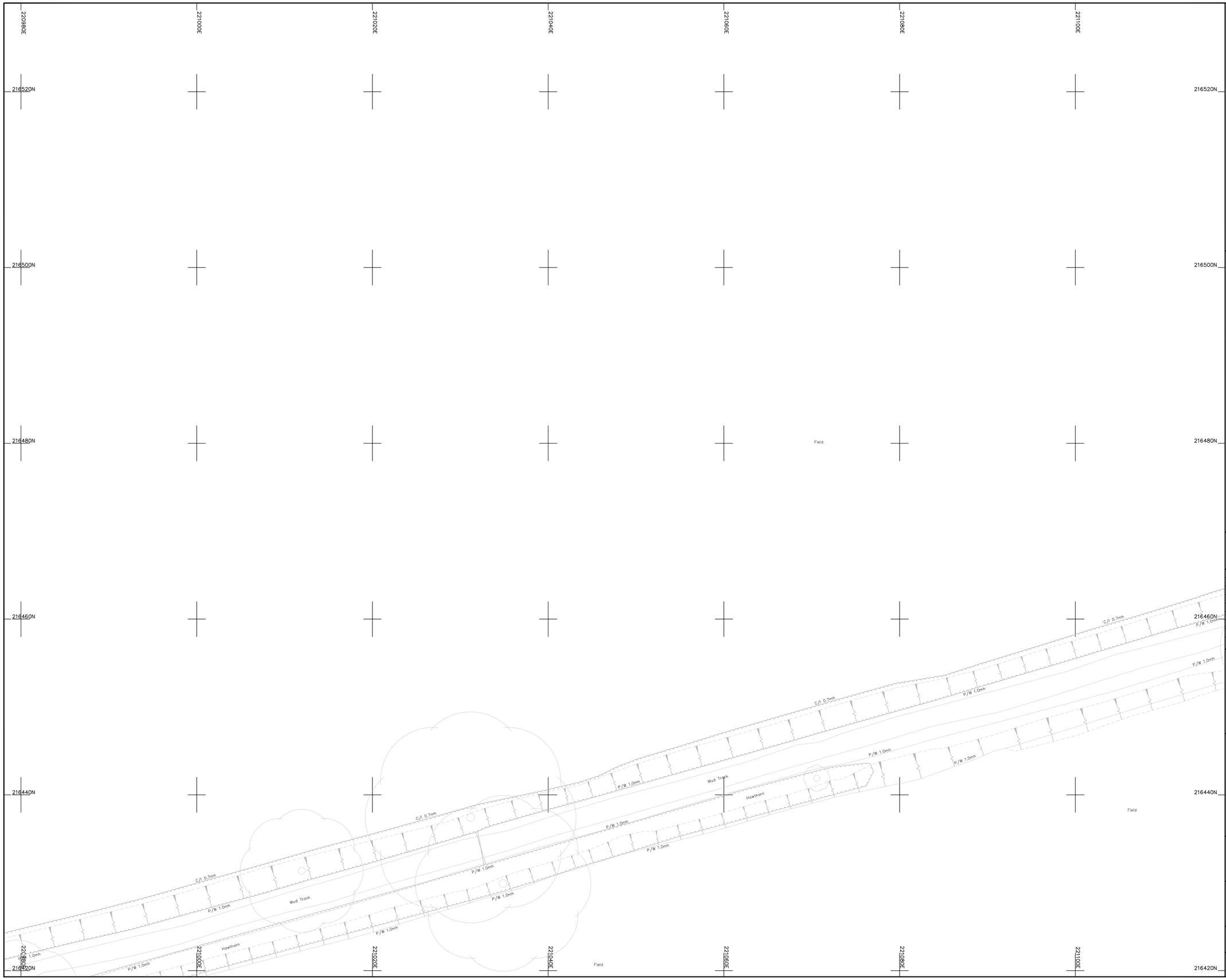
Title

DRAINAGE SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

Roof Level + RL36.36 ---------- U/G Storm

---------> End of Trace

UTL Unable to Lift

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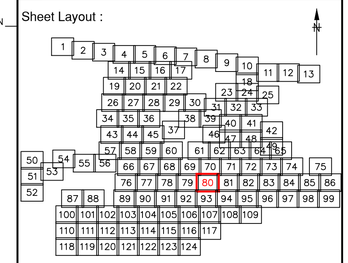
Sheet Layout :



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CARMARTHEN ROAD
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SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 80 of 124

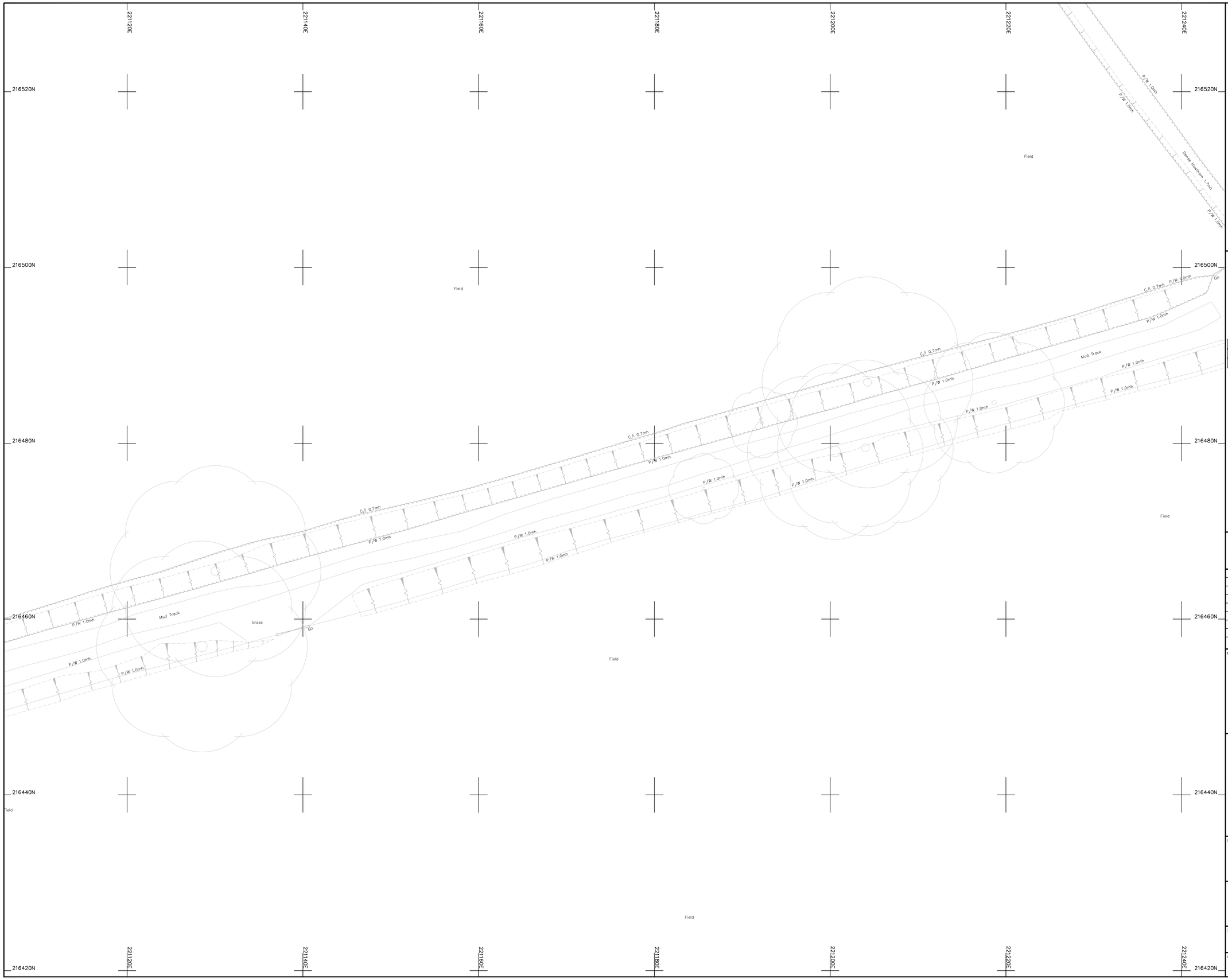
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

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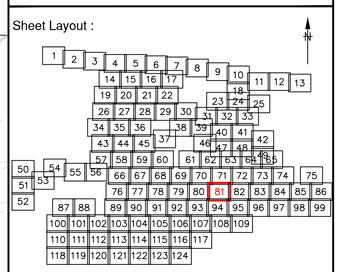
Sheet Layout :



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SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 81 of 124

Title

DRAINAGE
SURVEY

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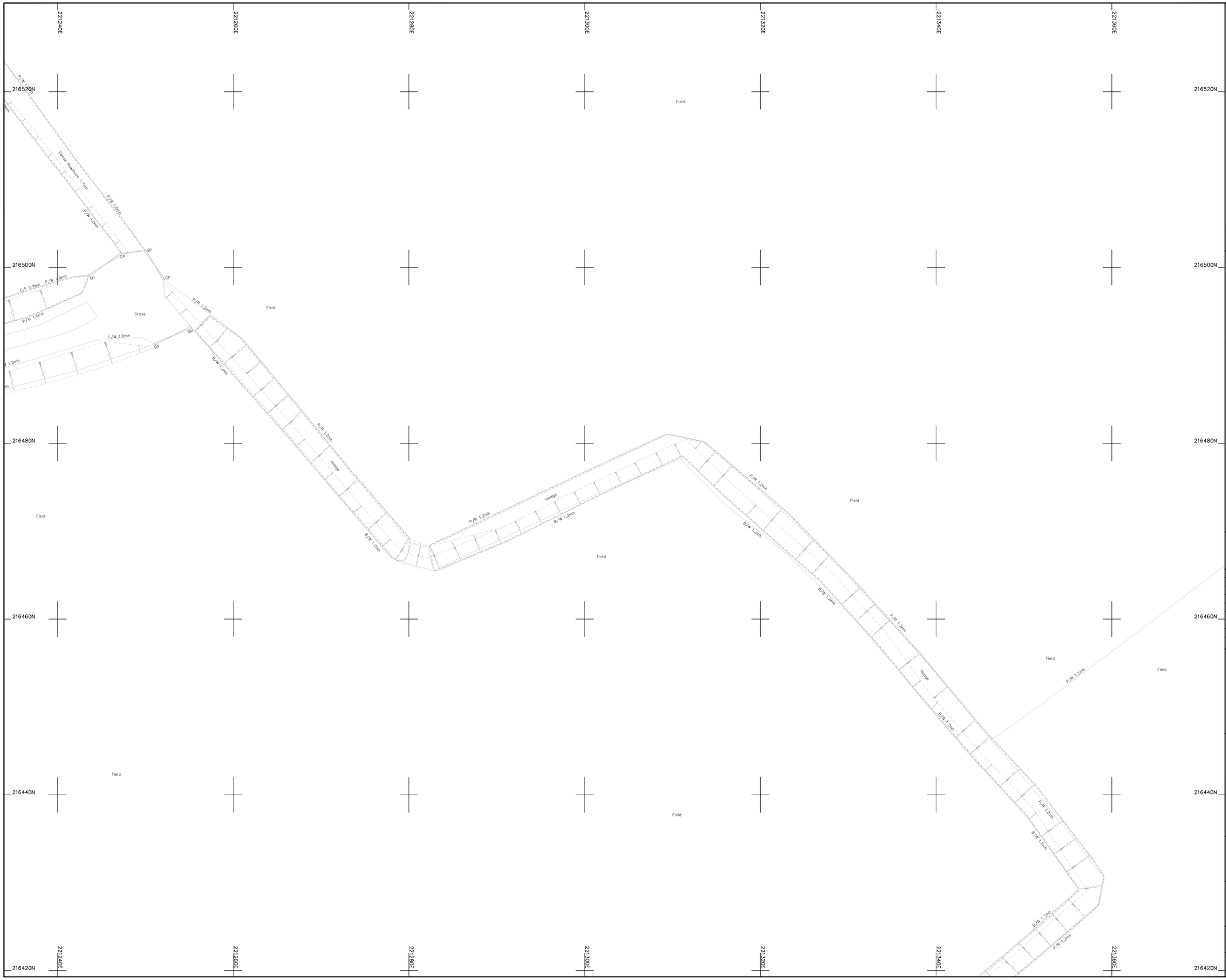
Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

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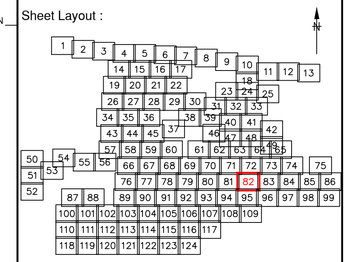

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Project

Carmarthenshire
Site 12
SHEET 82 of 124

Title

DRAINAGE
SURVEY

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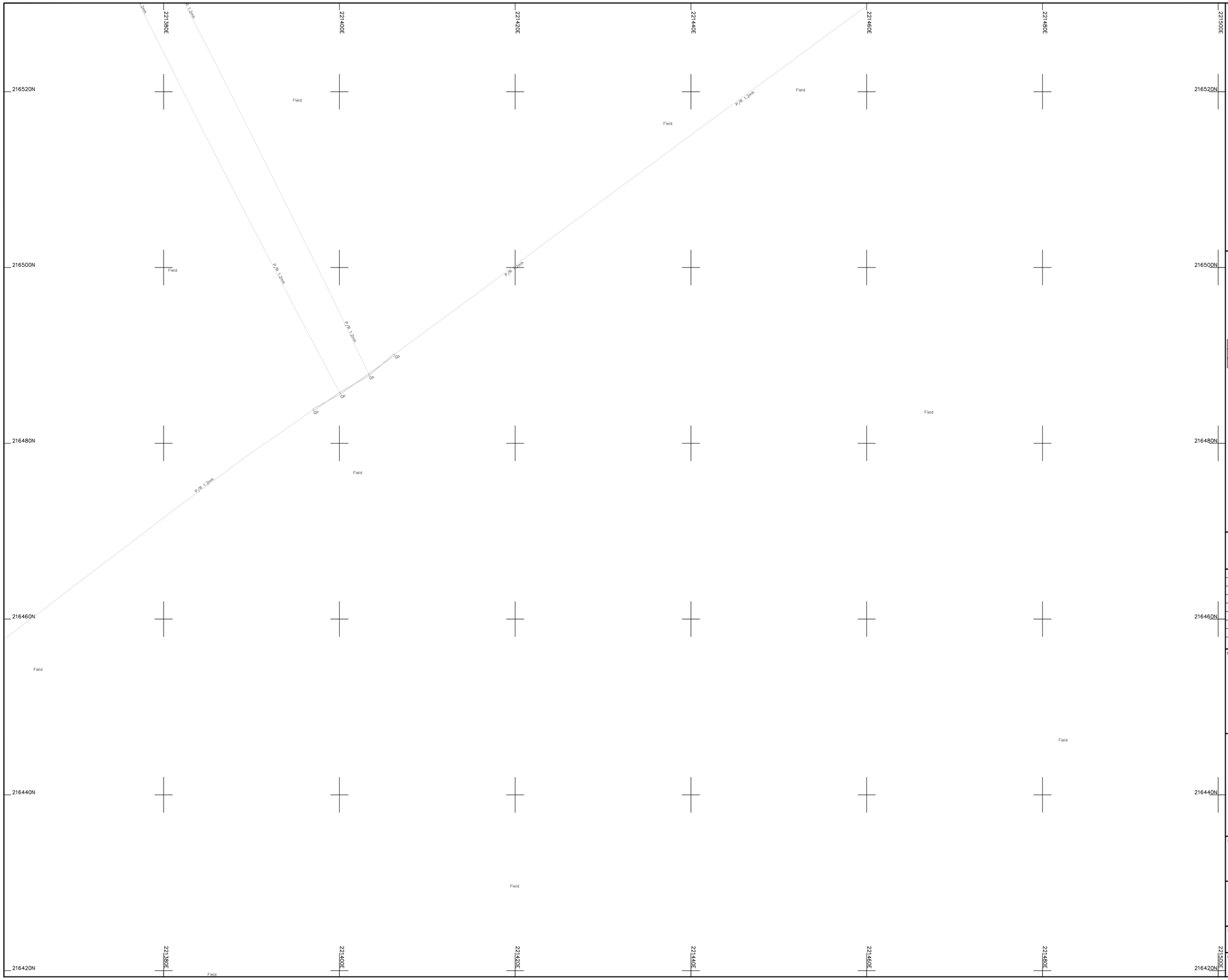

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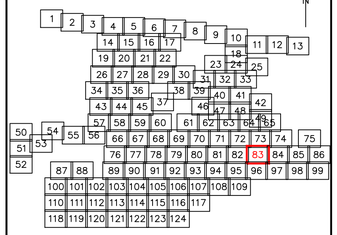

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Project

Carmarthenshire
Site 12

SHEET 83 of 124

Title

DRAINAGE
SURVEY

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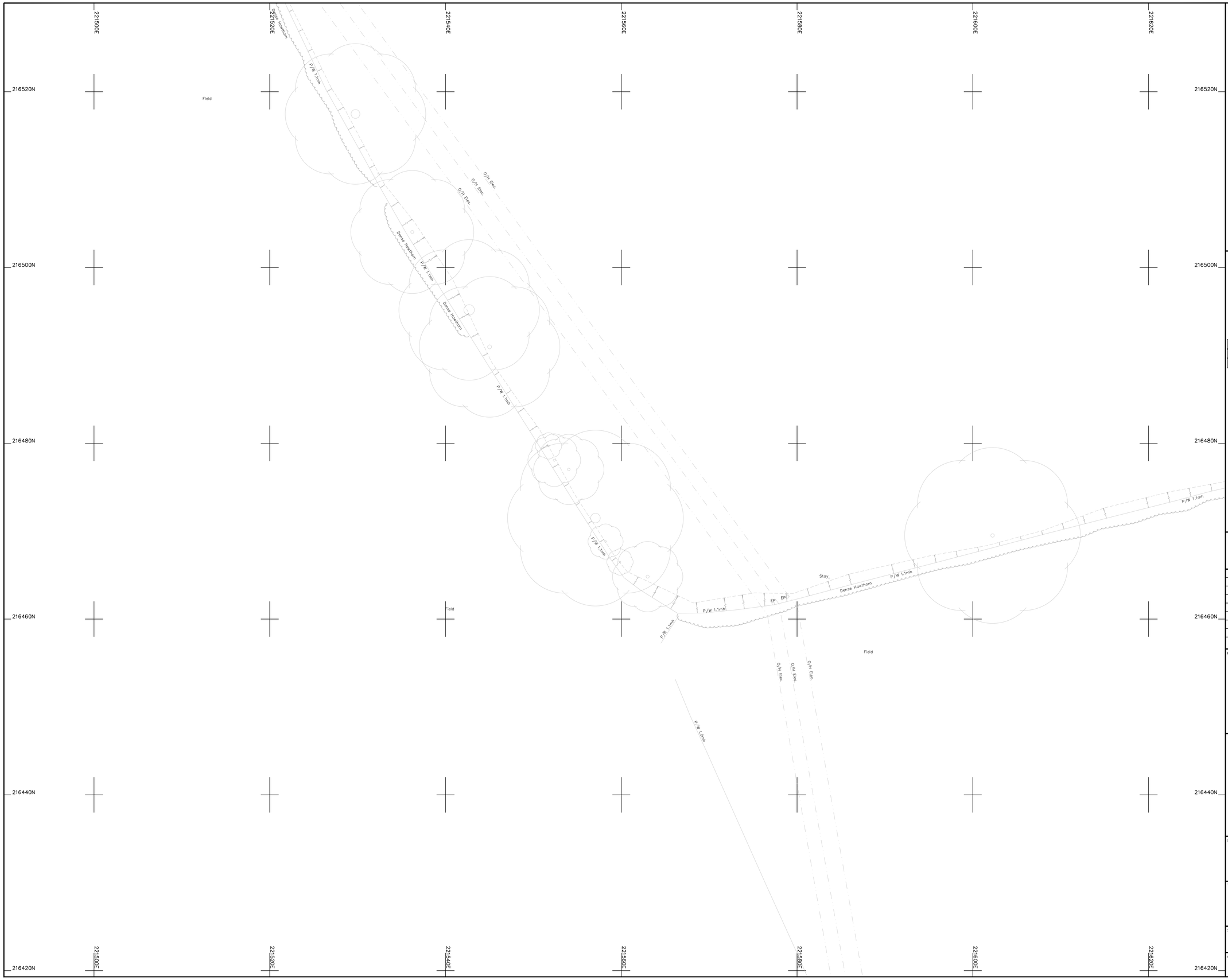

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End of Trace

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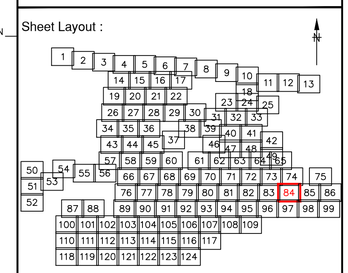

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Project

Carmarthenshire
Site 12

SHEET 84 of 124

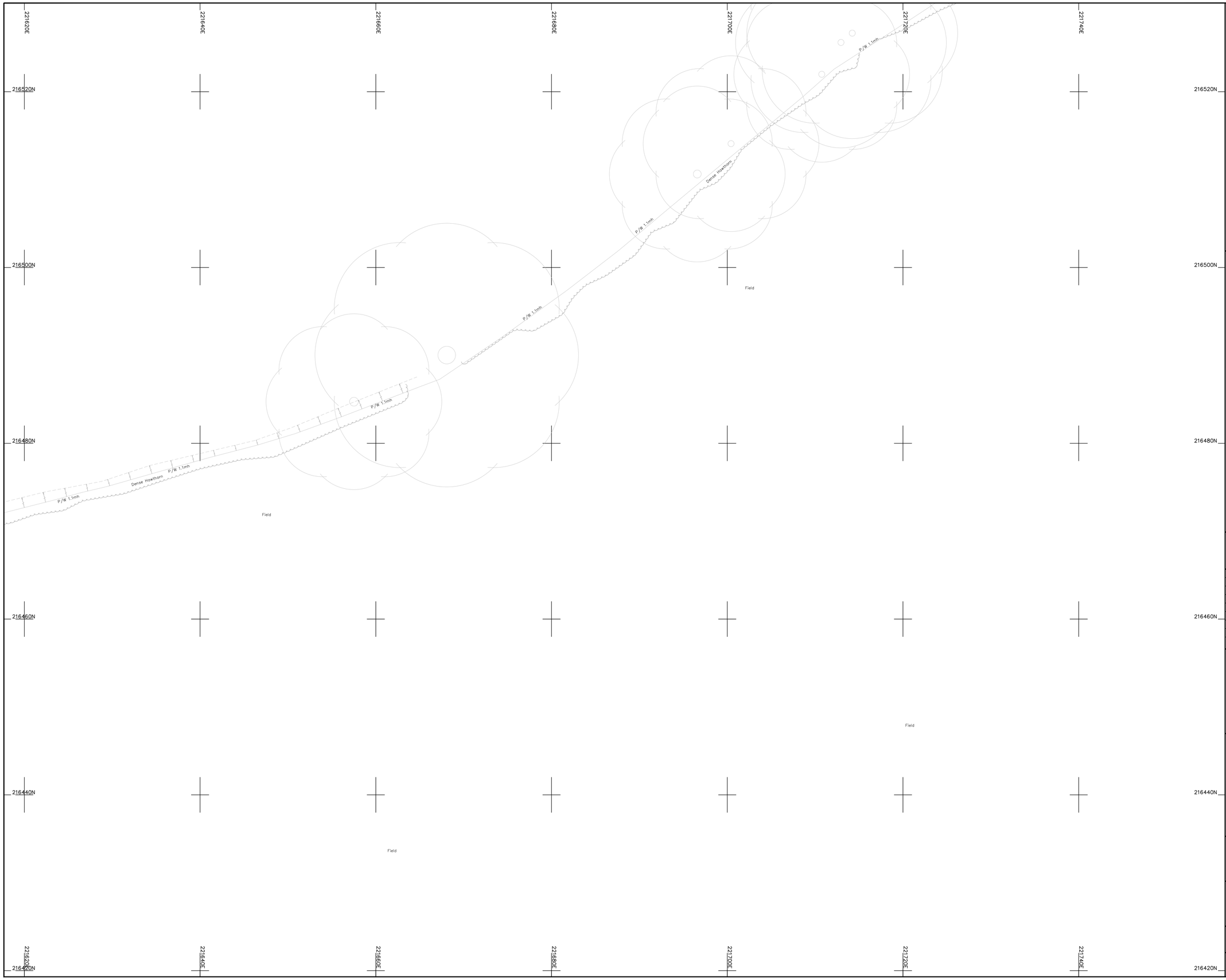
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-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
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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

Riverbed Level + BL36.36 — U/G Foul

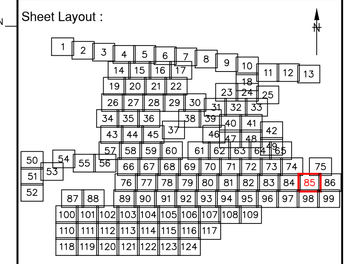
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



Notes :

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CLIENT

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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 12

SHEET 85 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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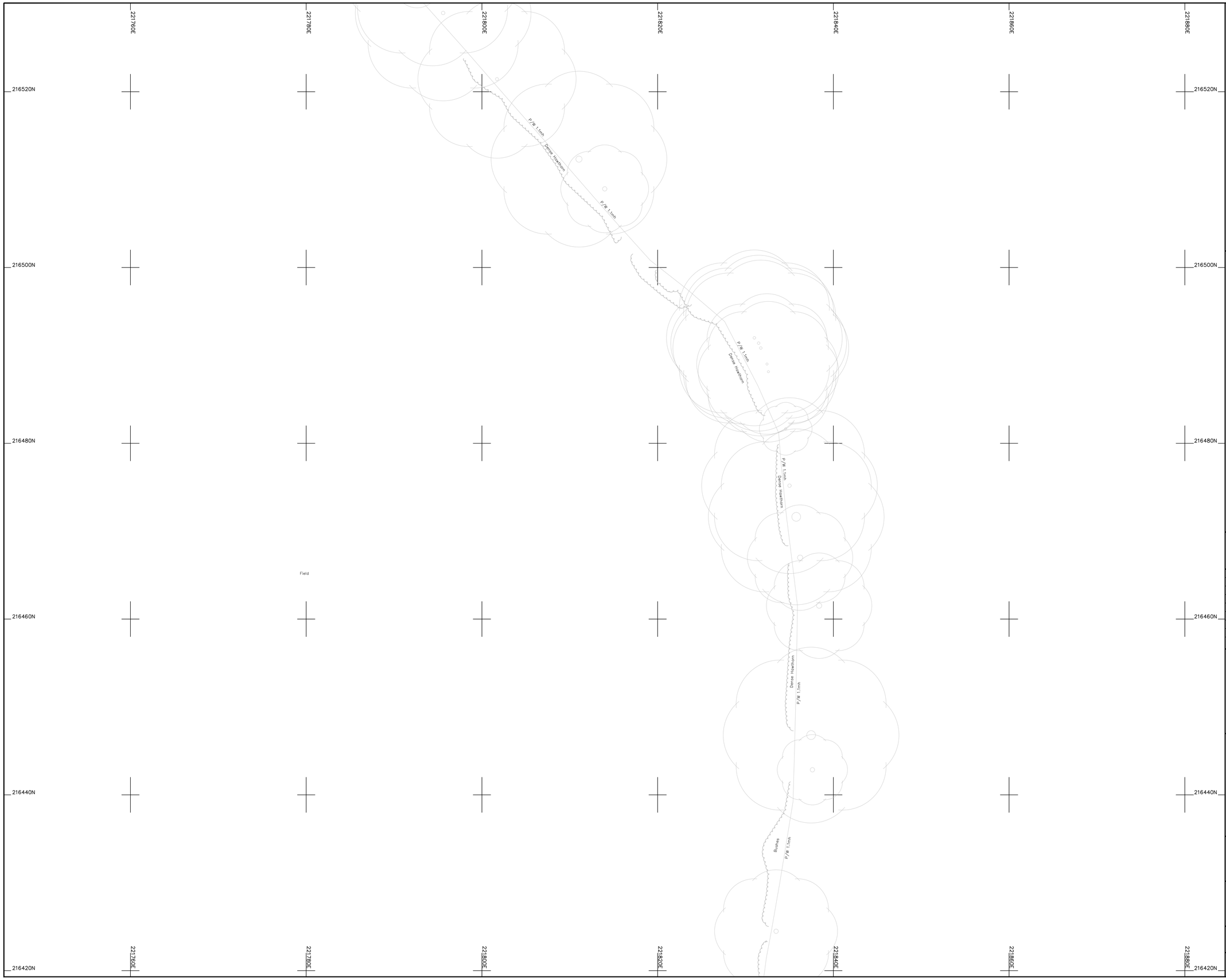

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

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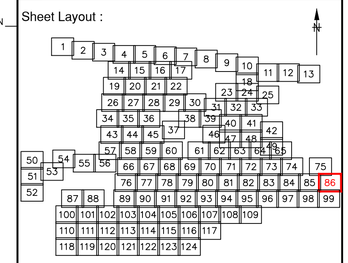

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SWANSEA
SA1 1HE
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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 86 of 124

Title

DRAINAGE
SURVEY

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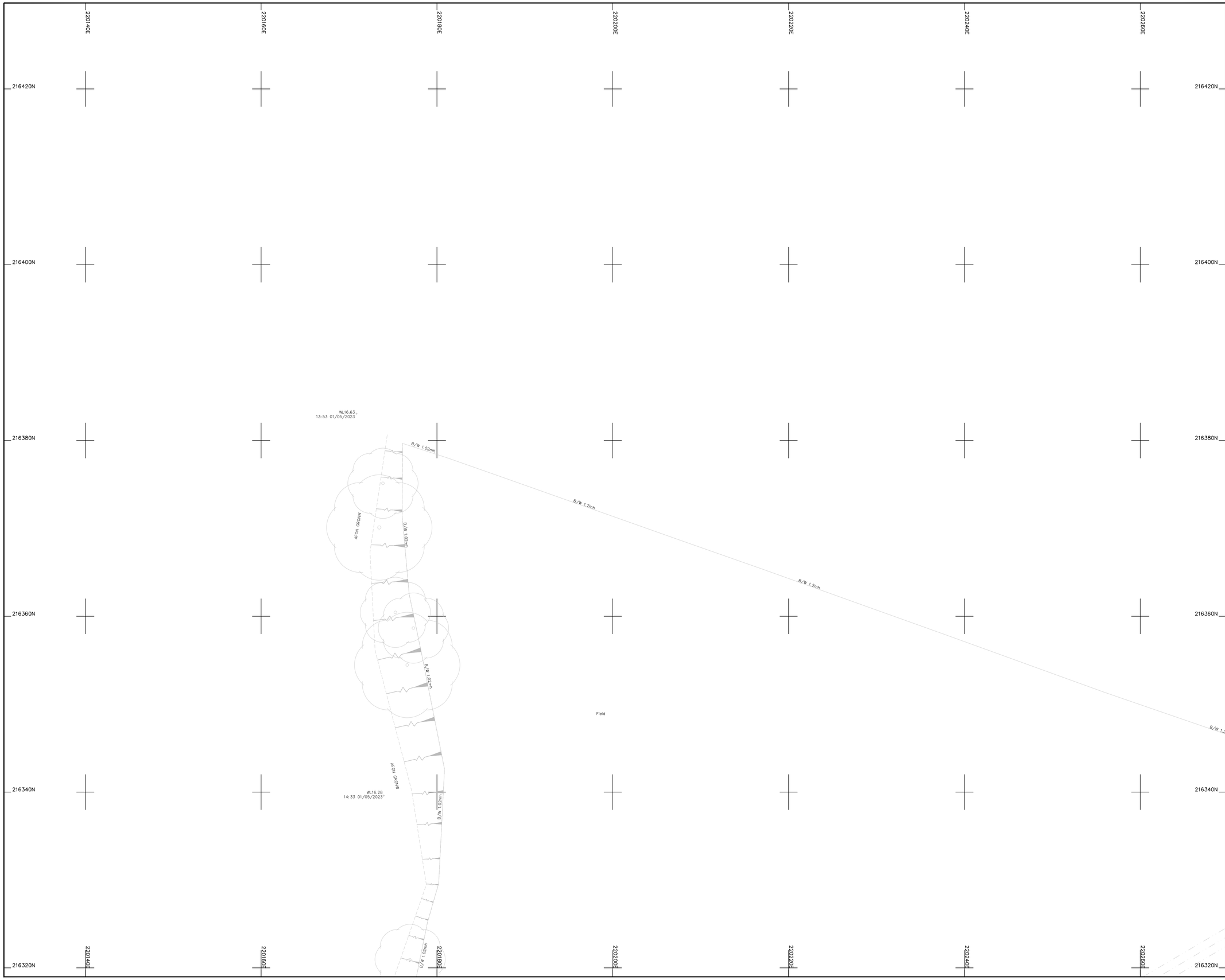

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

Roof Level + RL36.36 ---------- U/G Storm

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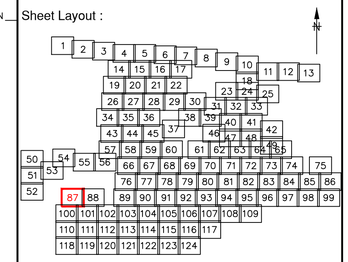
Sheet Layout :



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Project

Carmarthenshire
Site 12
SHEET 87 of 124

Title

DRAINAGE
SURVEY

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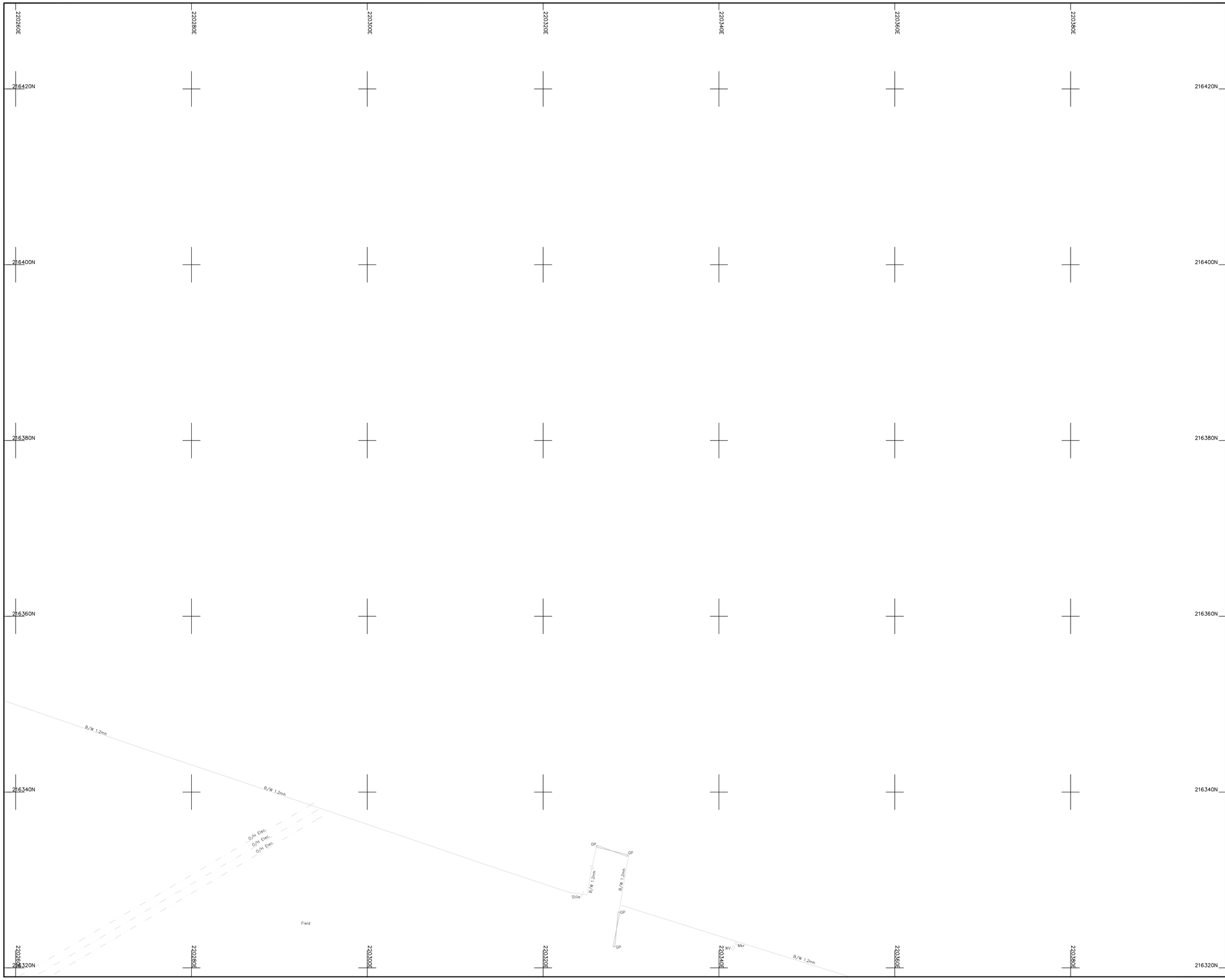

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

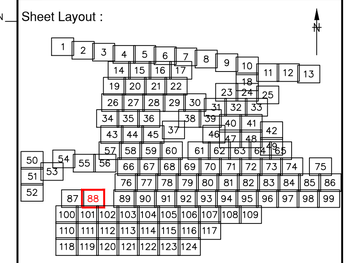
Roof Level + RL36.36 ---------- U/G Storm

---------> End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 88 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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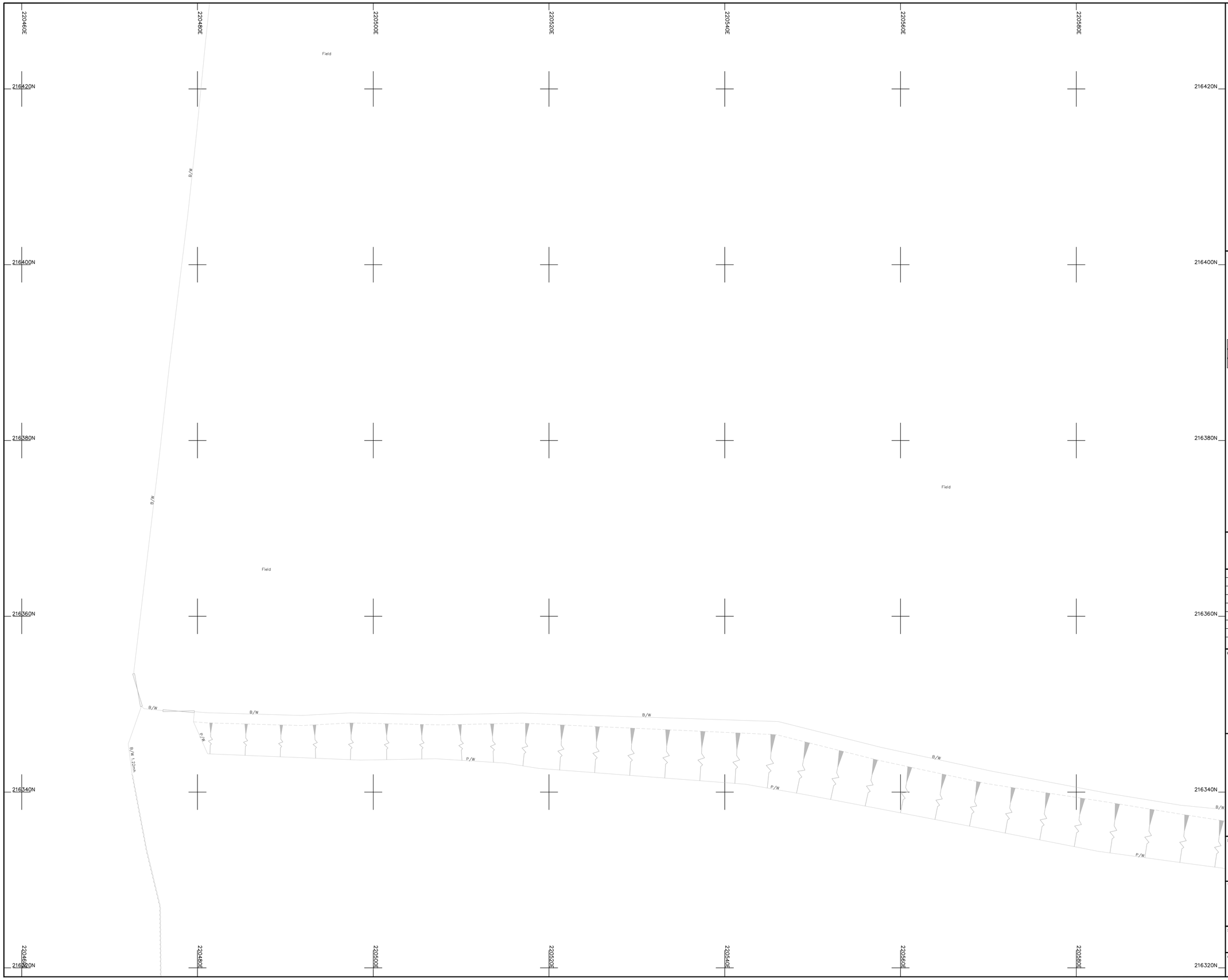
60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

Roof Level + RL36.36 - - - - - - U/G Storm

---------> End of Trace

UTL Unable to Lift

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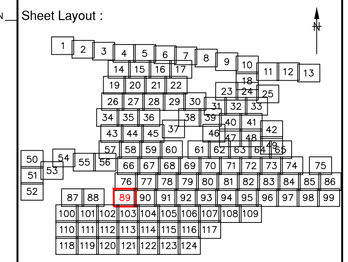
Sheet Layout :



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

Project

Carmarthenshire
Site 12

SHEET 89 of 124

Title

DRAINAGE
SURVEY

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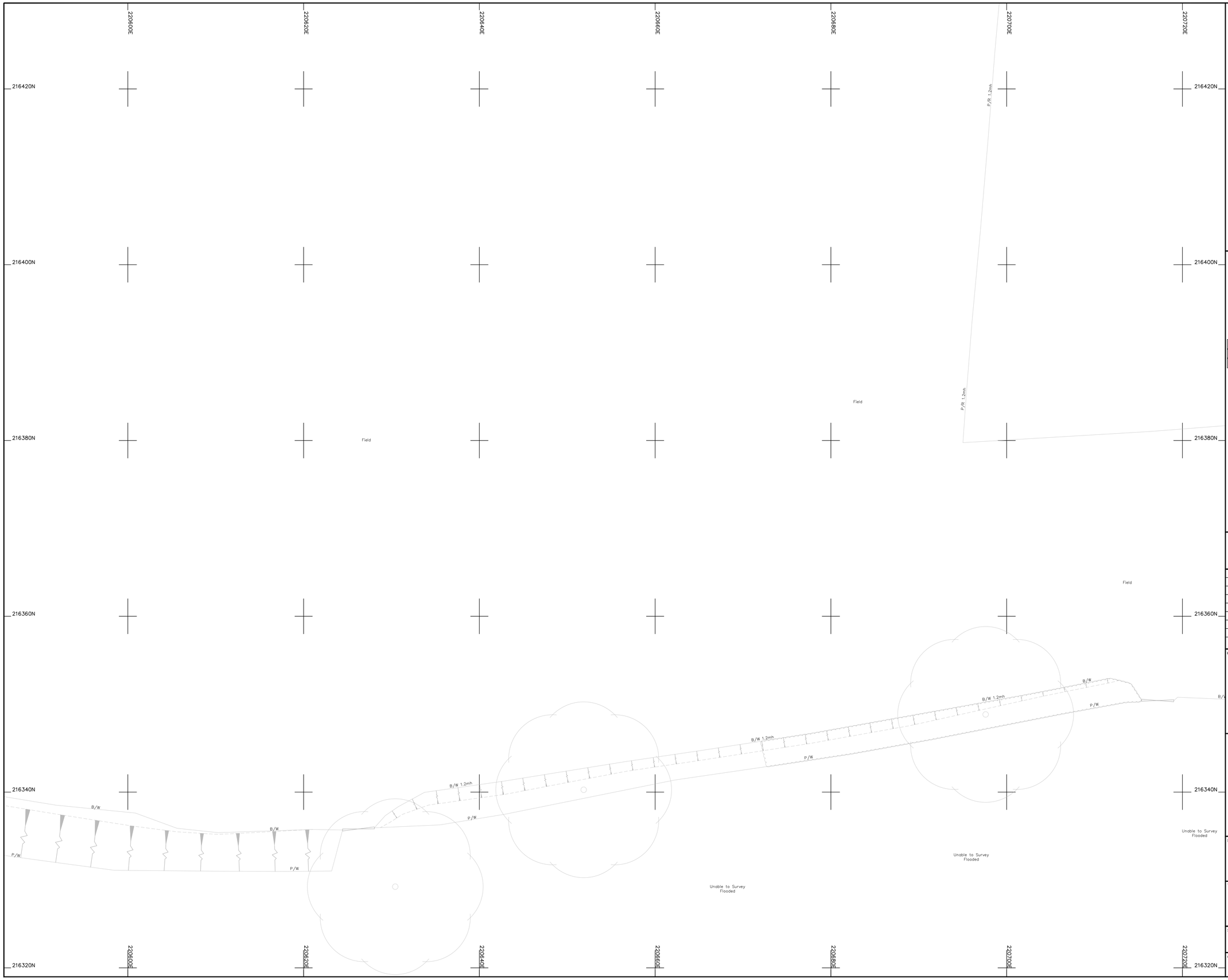

Legend :

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

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---------- End of Trace

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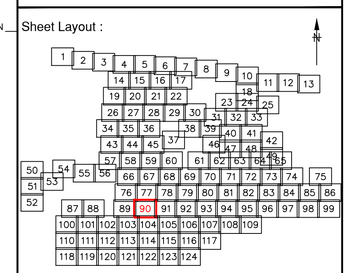

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CHERRY TREE HOUSE
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SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 90 of 124

Title

DRAINAGE
SURVEY

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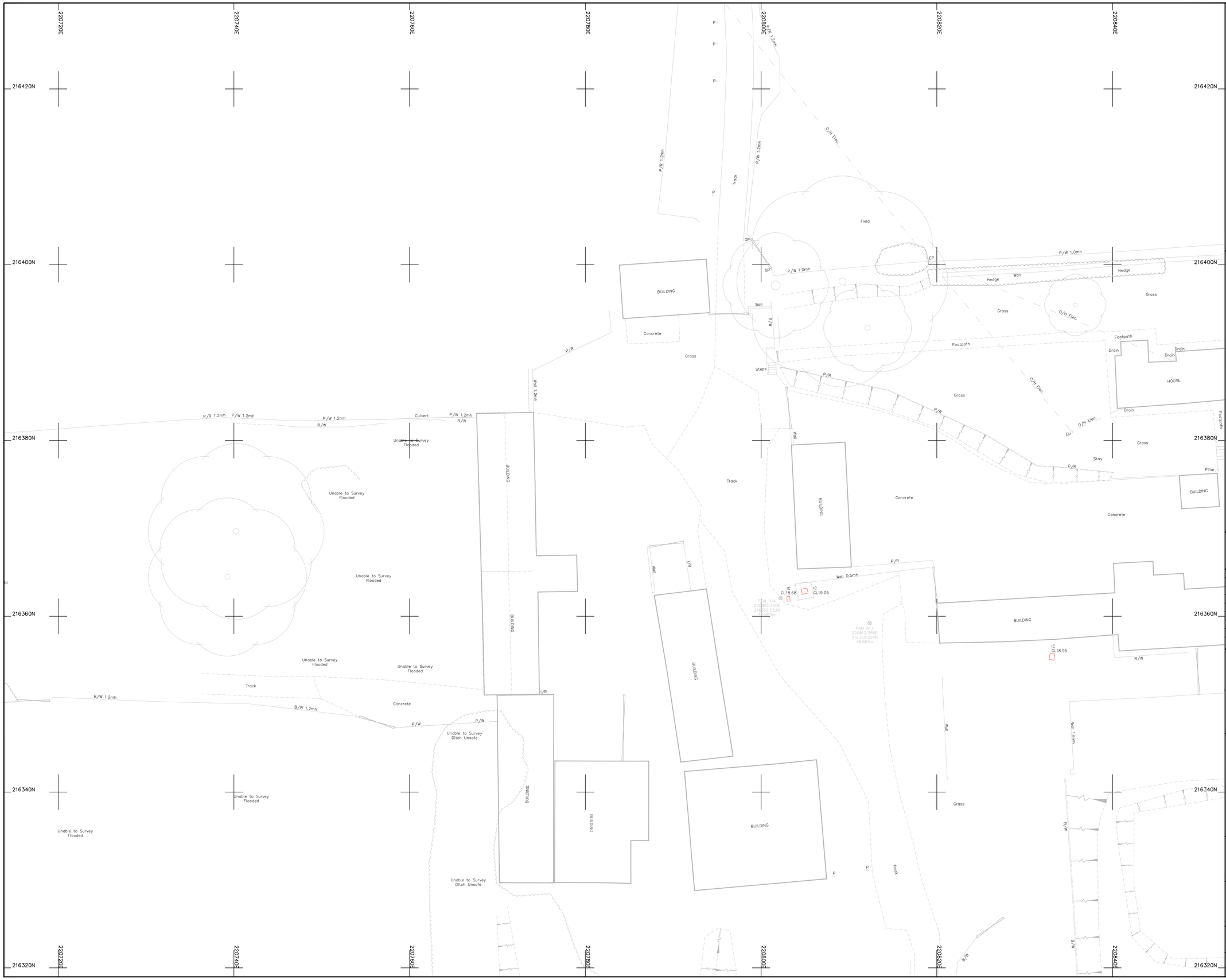

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Permanent Ground Marker ⊗

O.S. Bench Mark ⚠

Riverbed Level + BL36.36 — U/G Foul

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End of Trace

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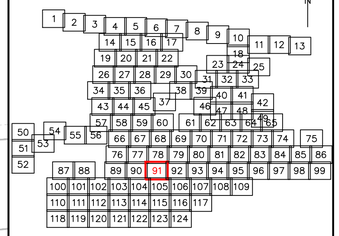

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Carmarthenshire
Site 12
SHEET 91 of 124

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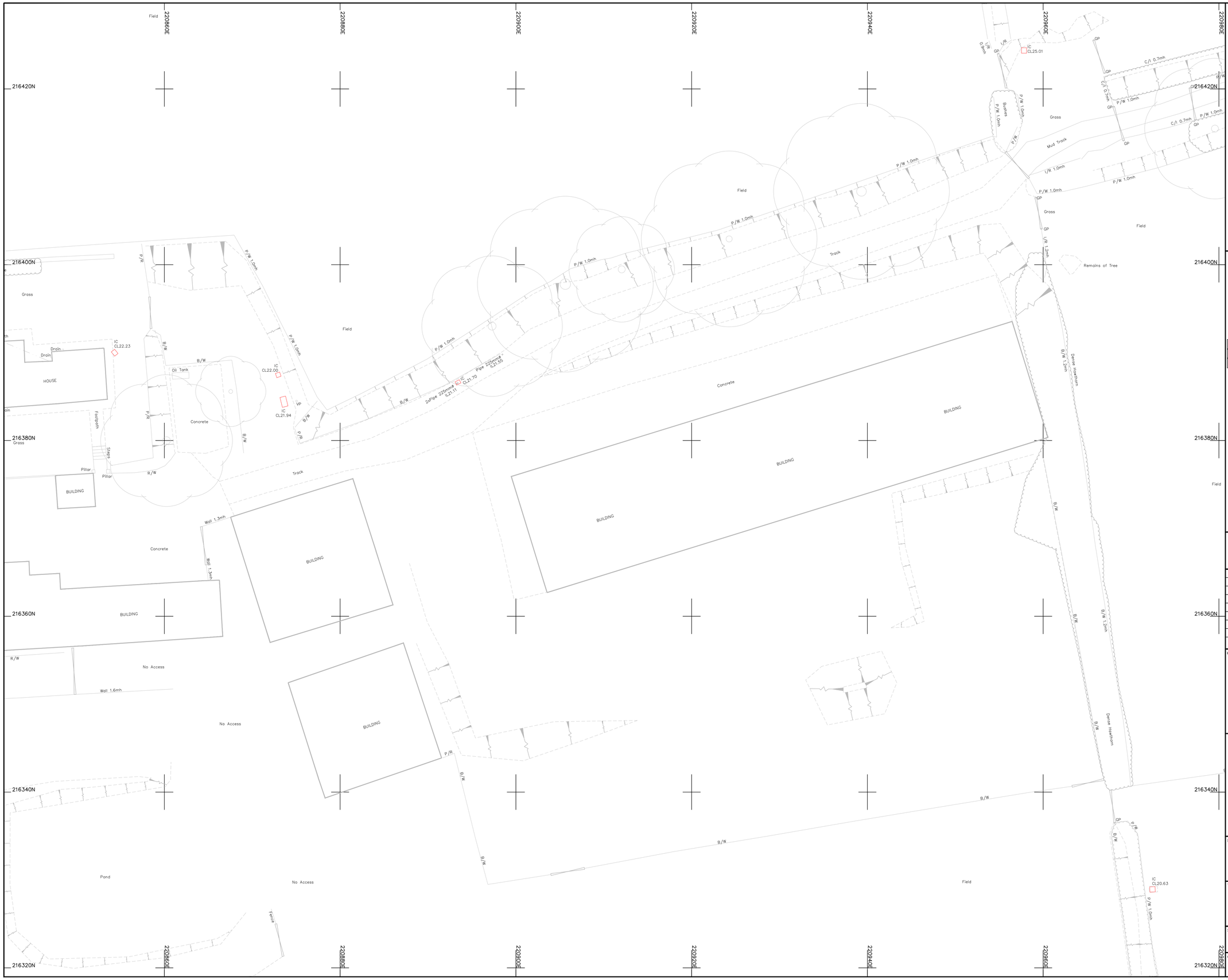

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + RL36.36 — U/G Foul

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End of Trace

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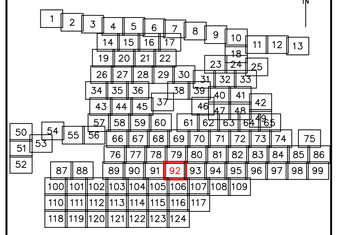

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SHEET 92 of 124

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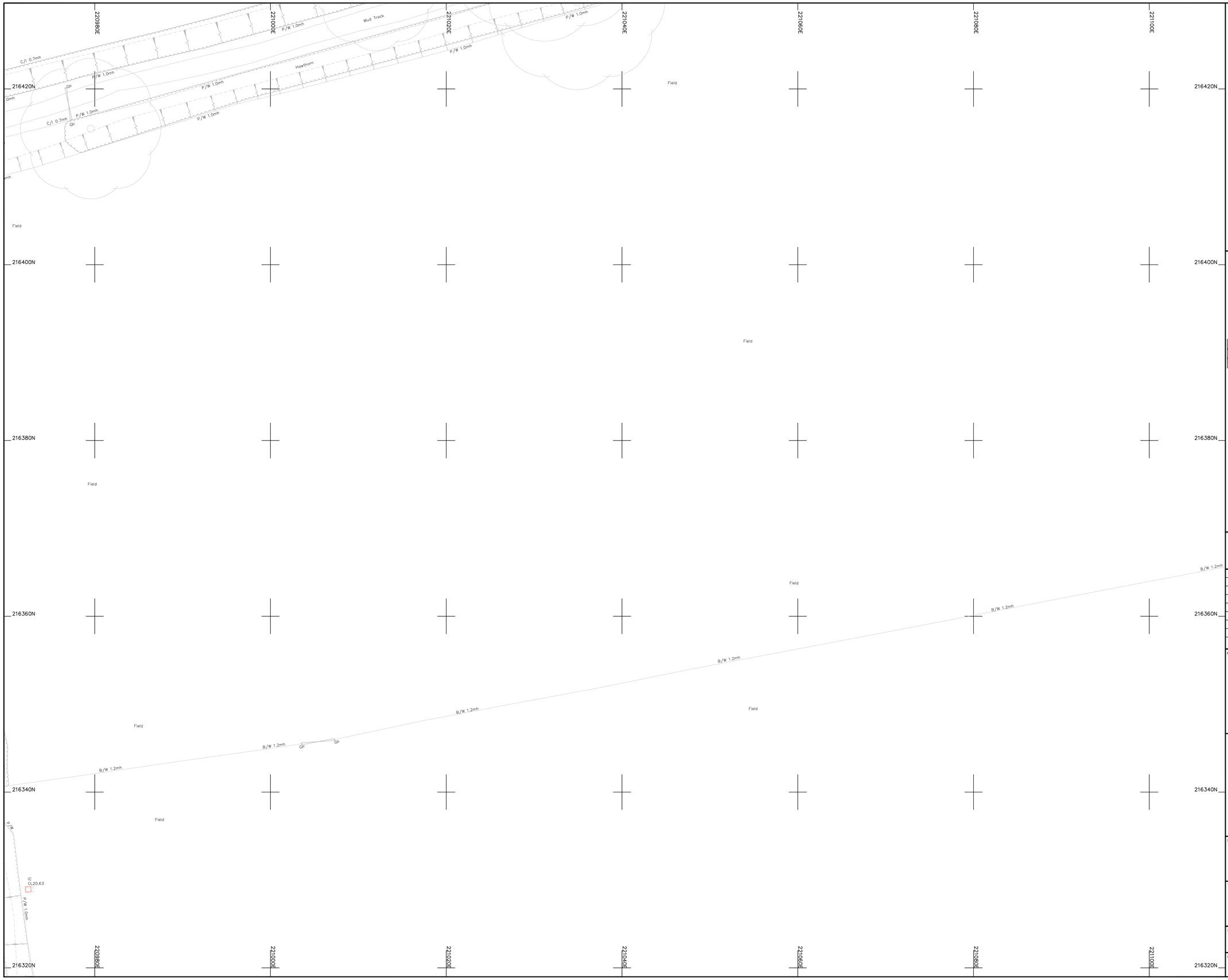

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DL	Detector Loop	RP	Reflector Post
EJB	Electricity Junction Box	R/W	Retaining Wall
EP	Electricity Pole	RG	Road Gully
ELIC	Electricity Service Cover	RS	Road Sign
FIG	Feeds Into Ground	SB	Sign Board
FS	Flag Staff	SP	Sign Post
GM	Gas Meter	SC	Stop Cock
GV	Gas Valve	TCB	Telephone Call Box
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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 ↑

Riverbed Level + BL36.36 ---------- U/G Foul

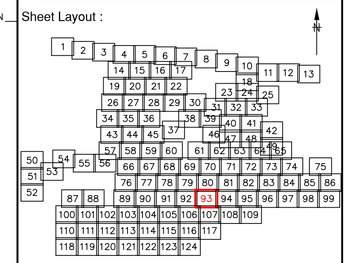
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

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 12

SHEET 93 of 124

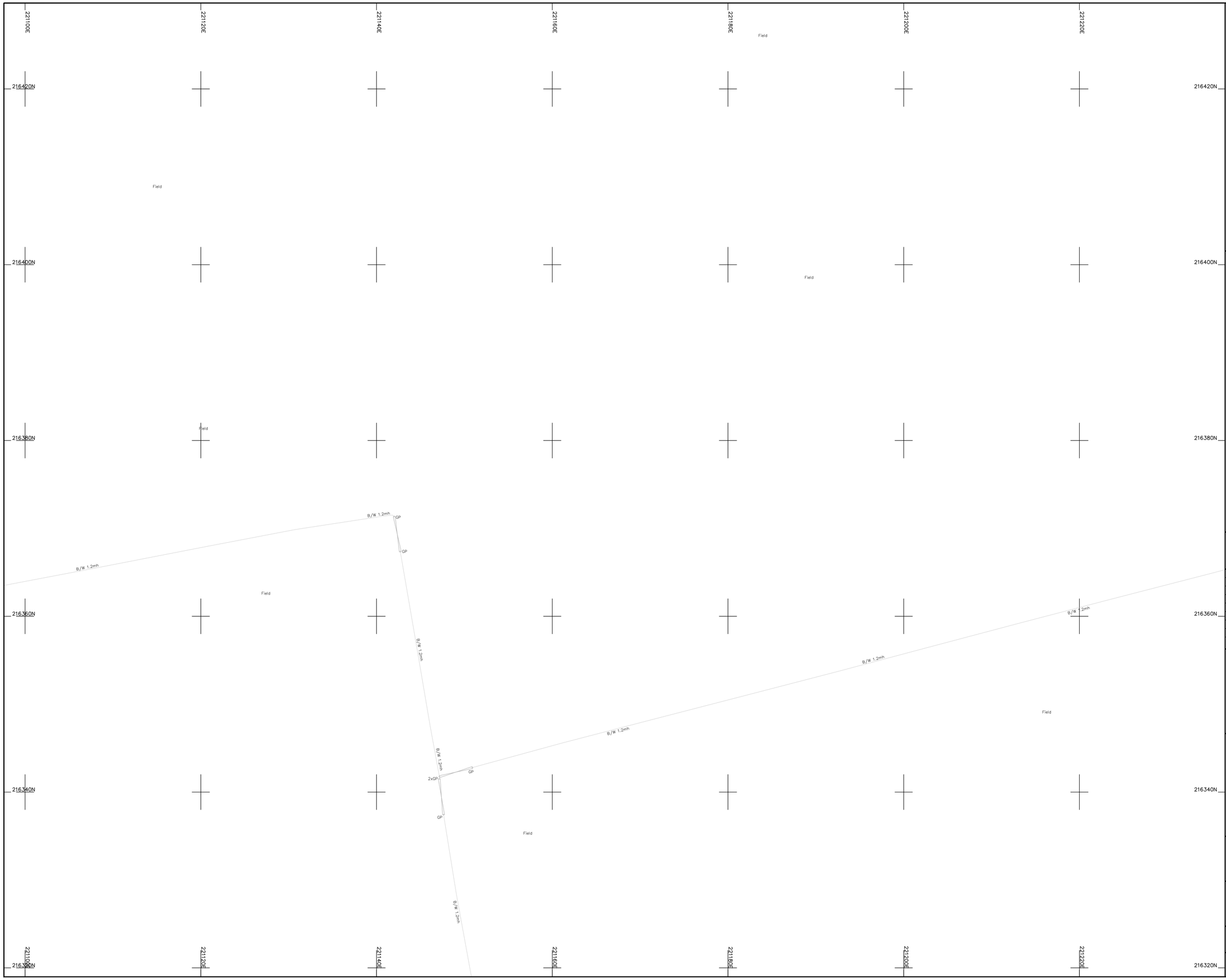
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-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
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KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

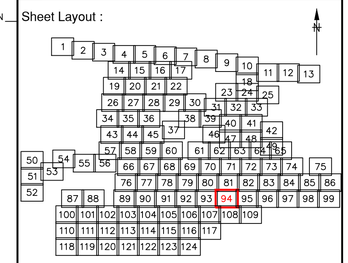
Roof Level + RL36.36 ---------- U/G Storm

---------> End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CARMARTHEN ROAD
SWANSEA
SA1 1HE
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Project

Carmarthenshire
Site 12

SHEET 94 of 124

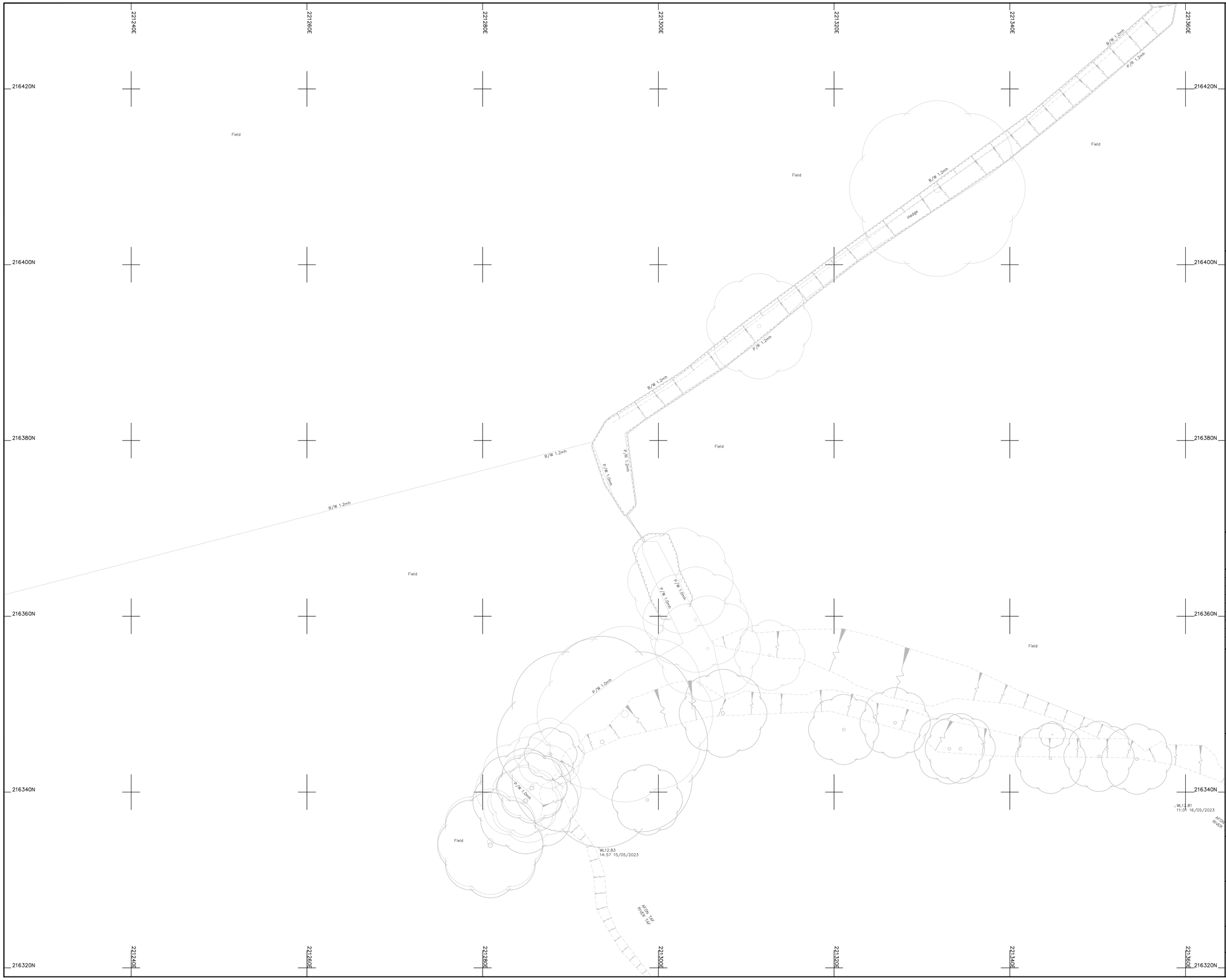
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

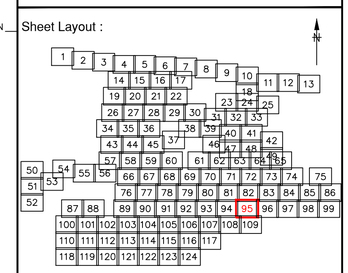
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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SA1 1HE
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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 95 of 124

Title

DRAINAGE
SURVEY

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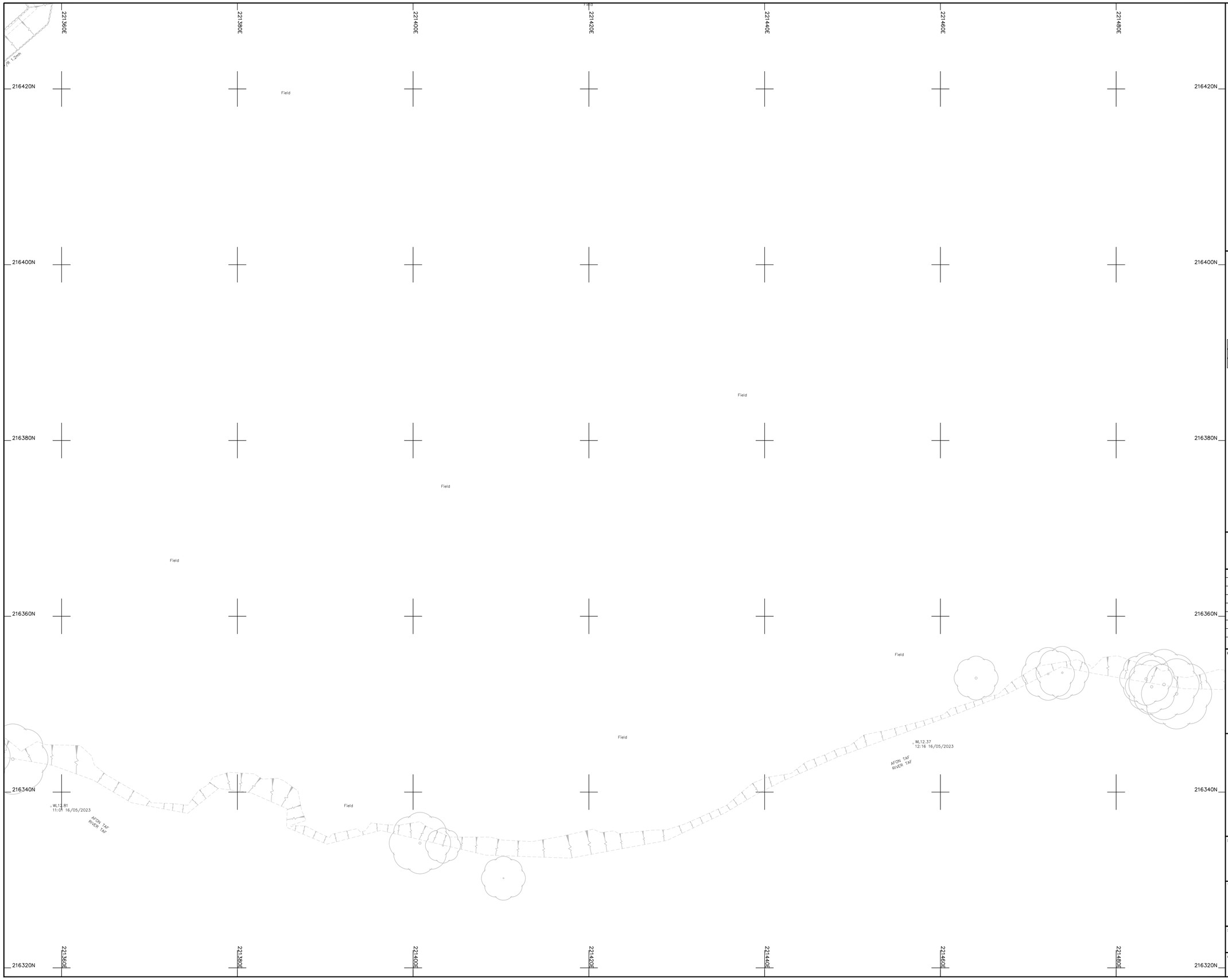
Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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B/W	Barbed Wire	MH	Manhole
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

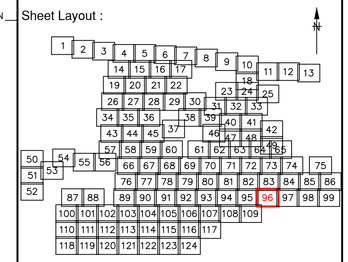
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Project

Carmarthenshire
Site 12

SHEET 96 of 124

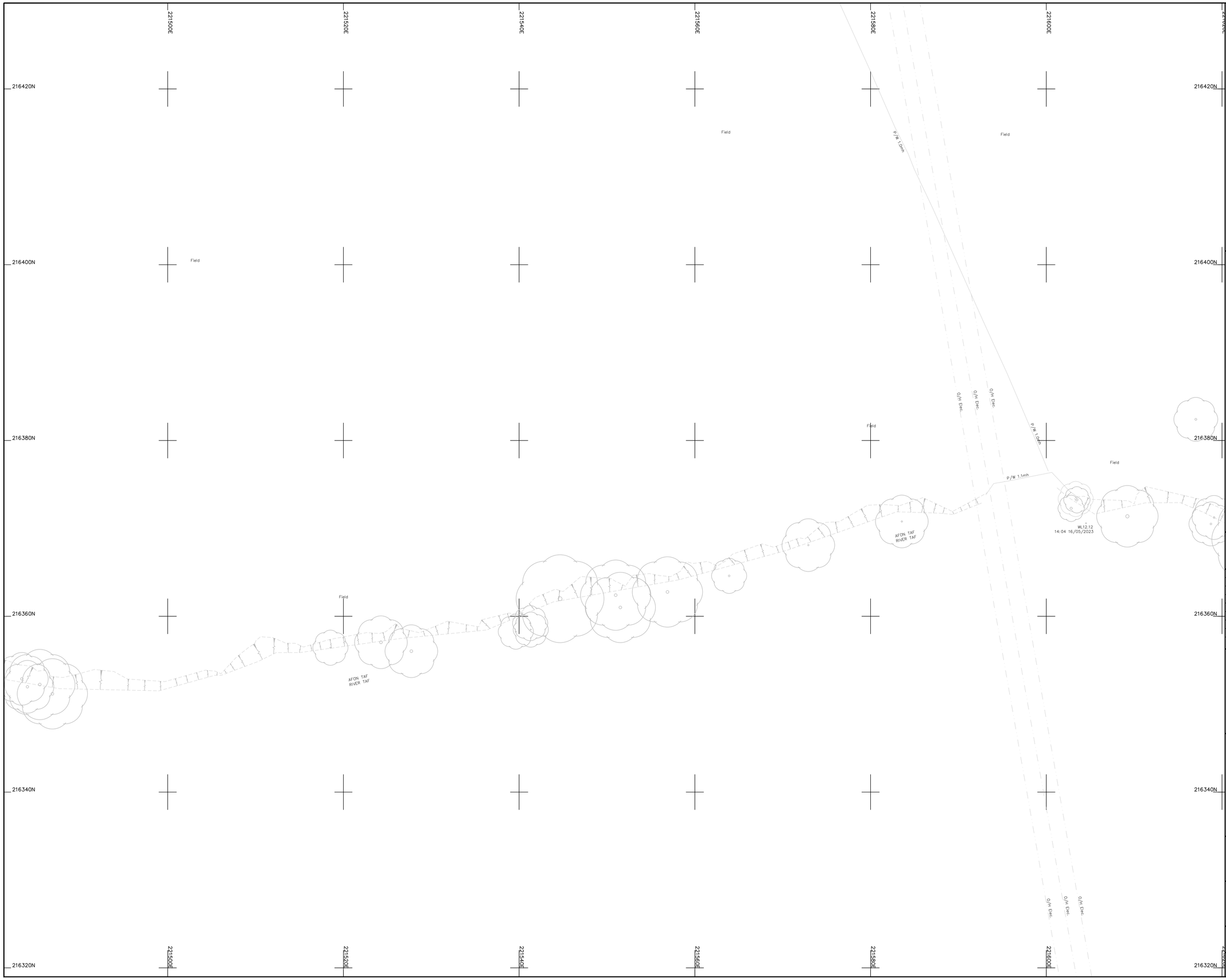
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

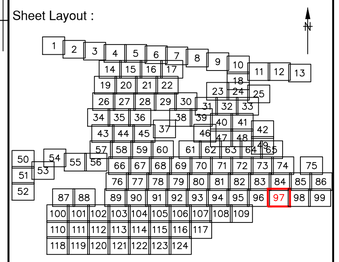
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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CARMARTHEN ROAD
SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

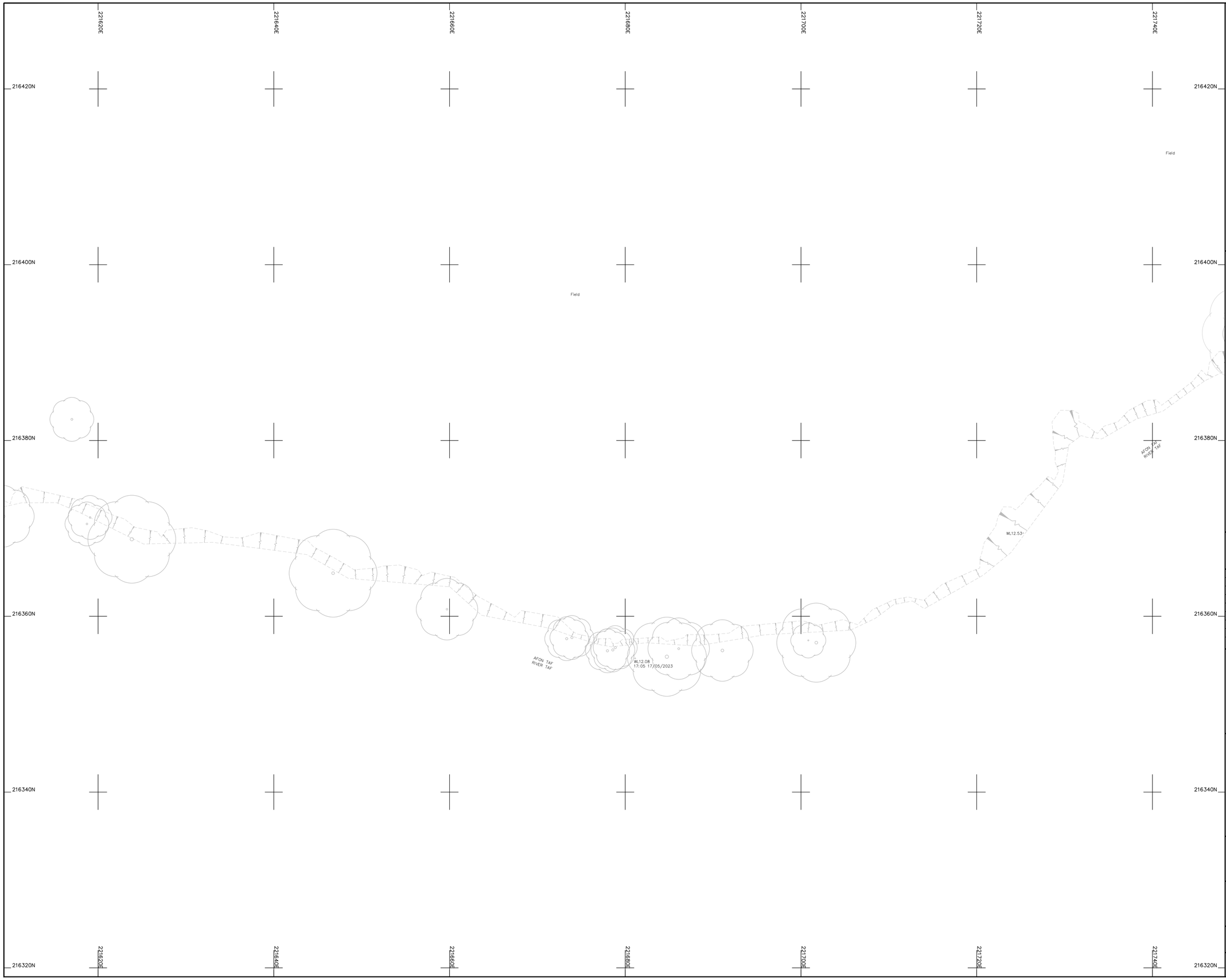
Carmarthenshire
Site 12
SHEET 97 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:
60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
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BB	Belisha Beacon	Mkr	Marker
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

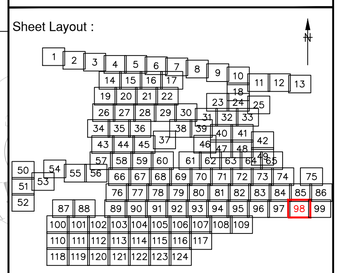
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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

Project

Carmarthenshire
Site 12

SHEET 98 of 124

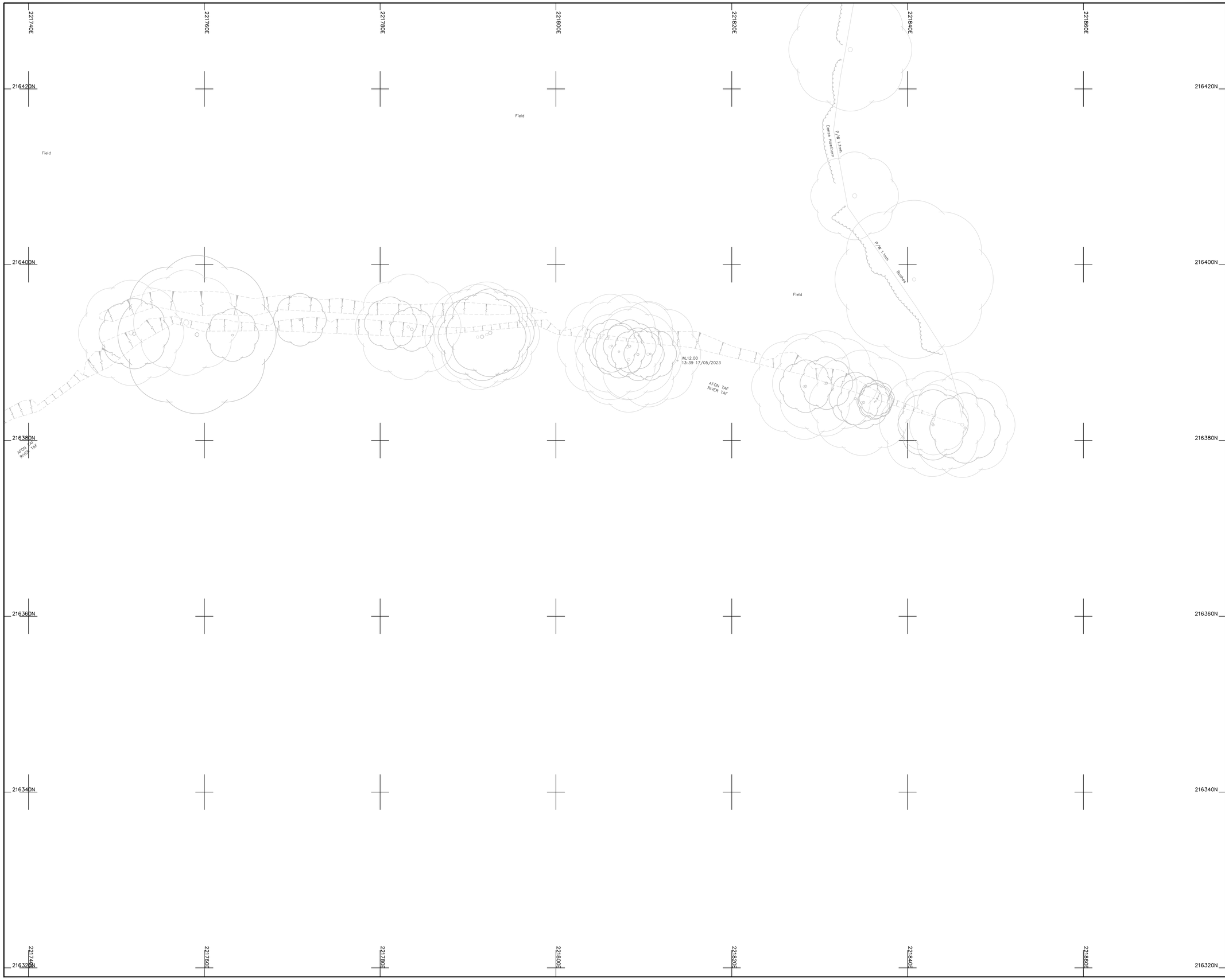
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
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BB	Belisha Beacon	Mkr	Marker
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

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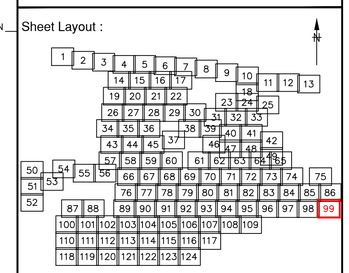
Sheet Layout :



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Project

Carmarthenshire
Site 12

SHEET 99 of 124

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DRAINAGE
SURVEY

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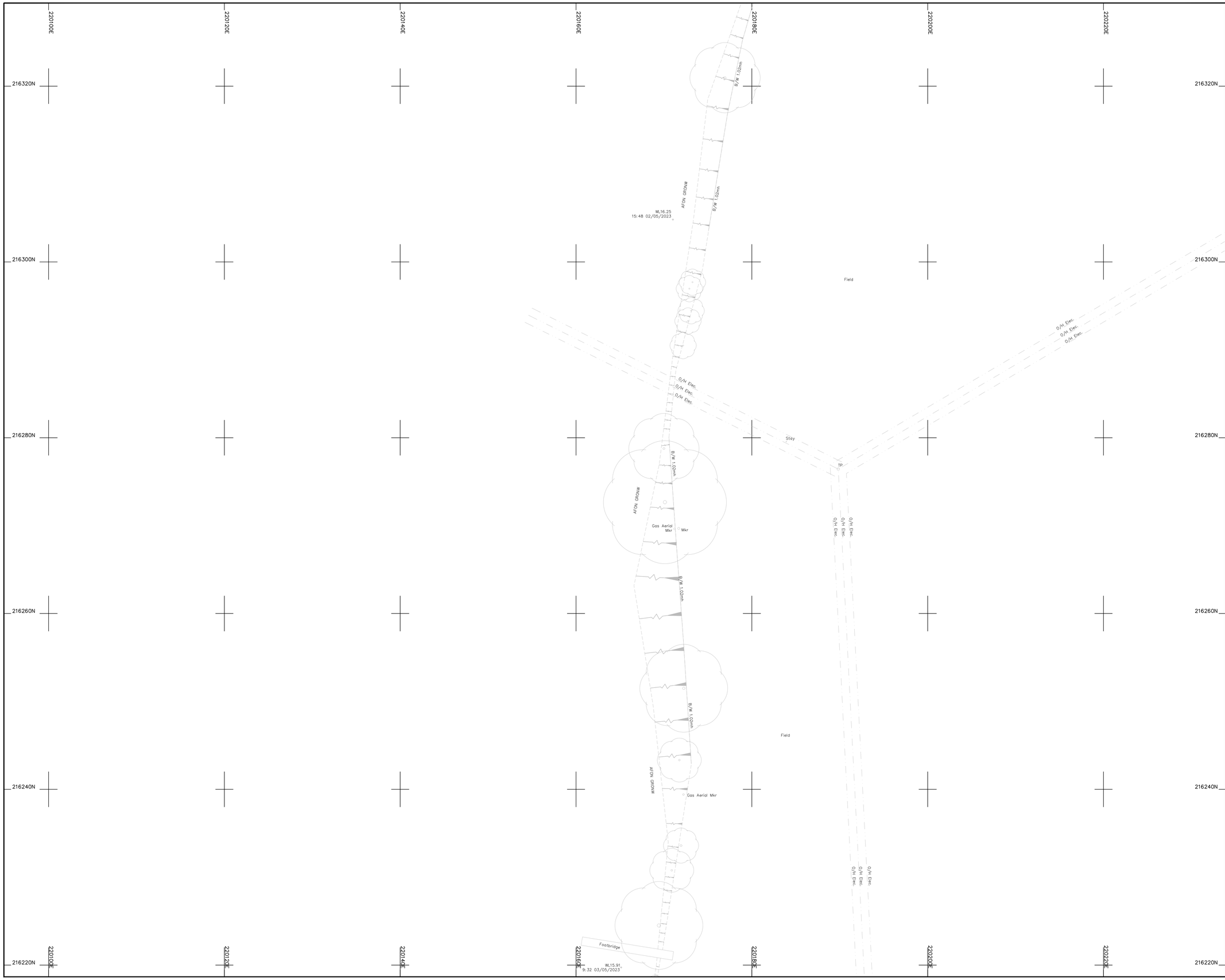

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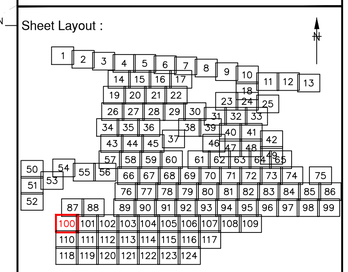
Permanent Ground Marker ⊗
O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul
Roof Level + RL36.36 — U/G Storm
End of Trace
UTL Unable to Lift
UTS Unable To Survey

Sheet Layout :



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Project

Carmarthenshire
Site 12
SHEET 100 of 124

Title

DRAINAGE
SURVEY

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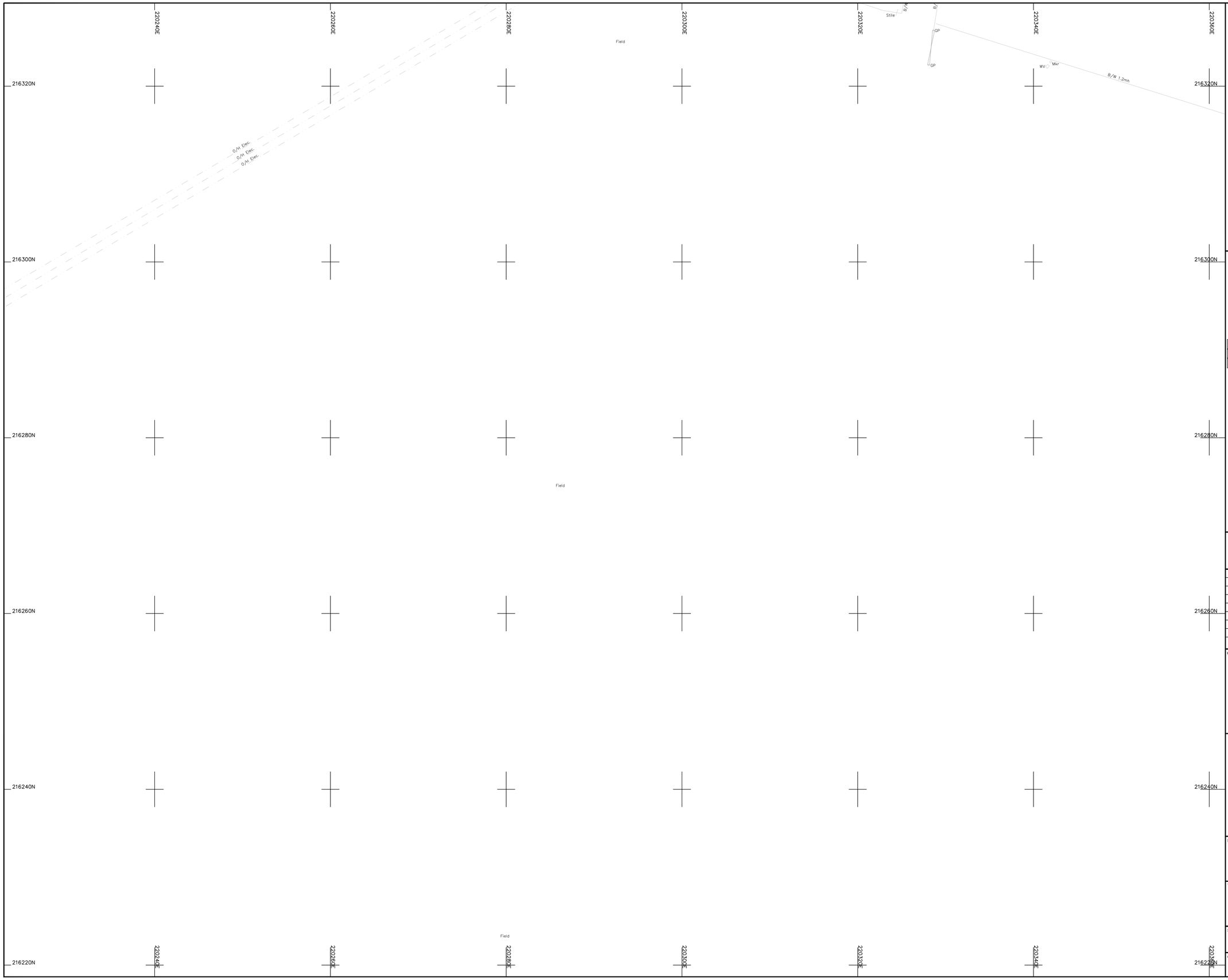

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

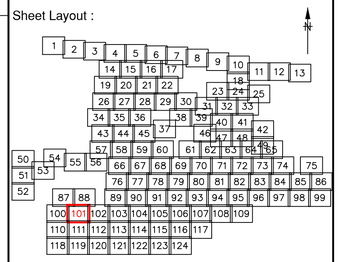
Roof Level + RL36.36 ---------- U/G Storm

---------> End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



Notes :

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Rev	Description	Date	Initial
1	Original Issue	26/06/23	JPD

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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 12
SHEET 101 of 124

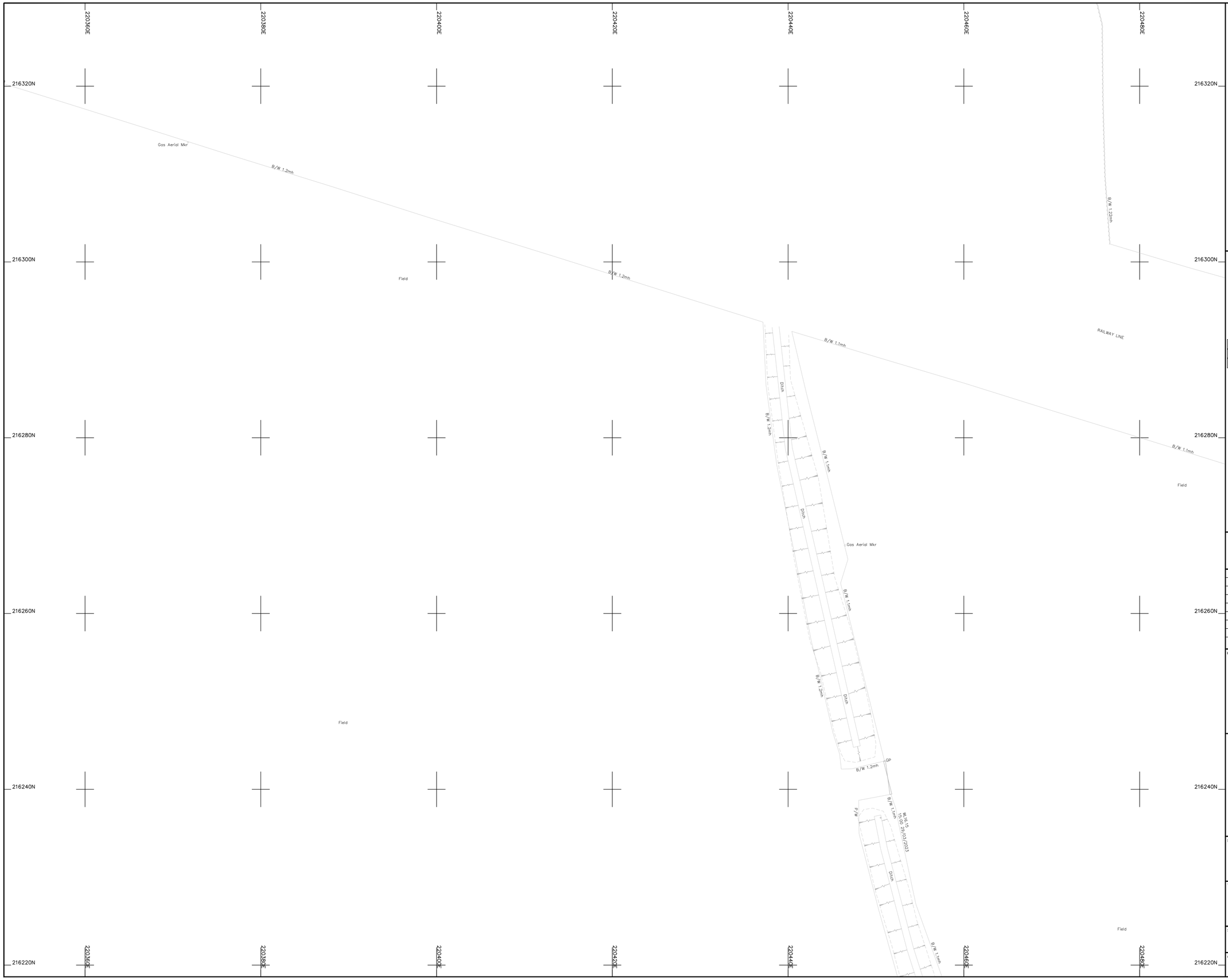
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-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
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LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

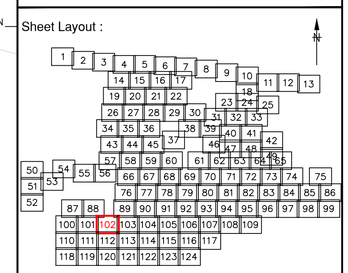
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Project

Carmarthenshire
Site 12
SHEET 102 of 124

Title

DRAINAGE
SURVEY

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

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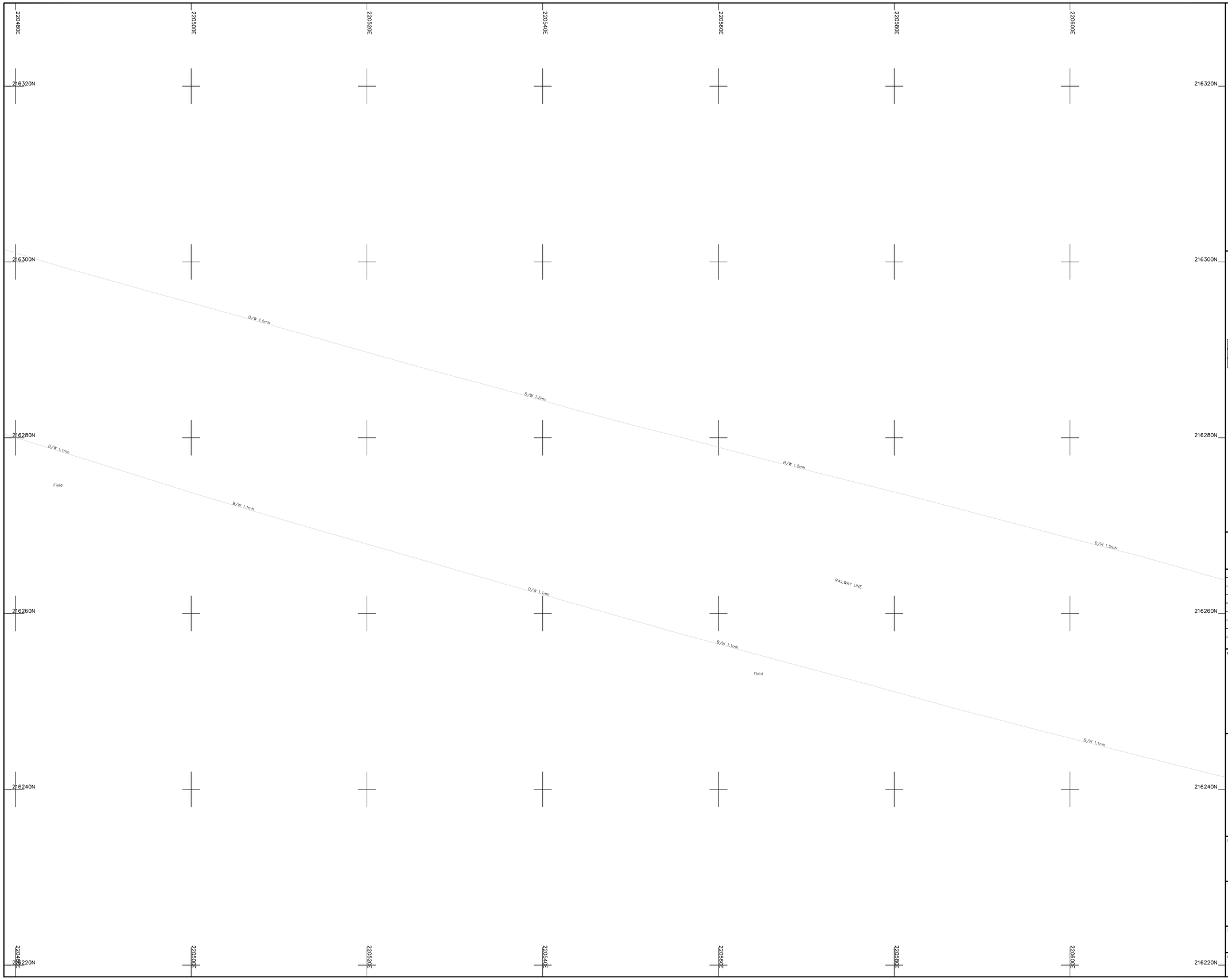

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

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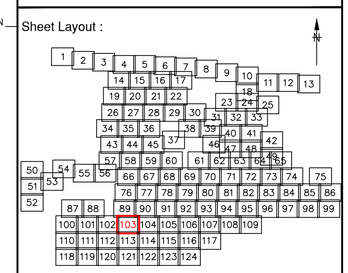

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Project

Carmarthenshire
Site 12

SHEET 103 of 124

Title

DRAINAGE
SURVEY

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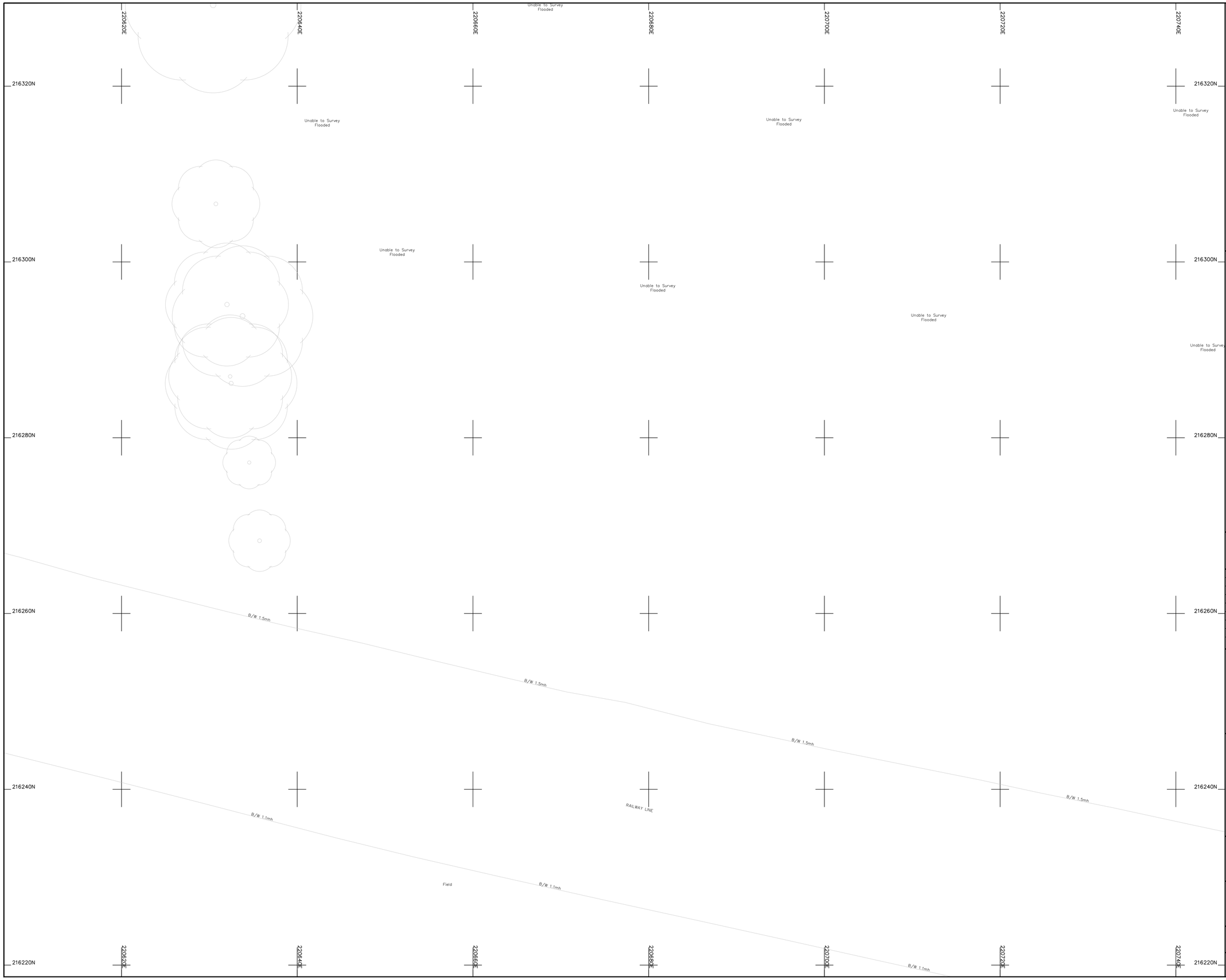

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Permanent Ground Marker ⊗

O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul

Roof Level + RL36.36 — U/G Storm

End of Trace

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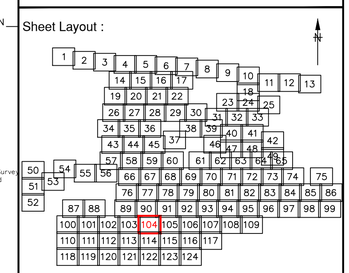

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Project

Carmarthenshire
Site 12

SHEET 104 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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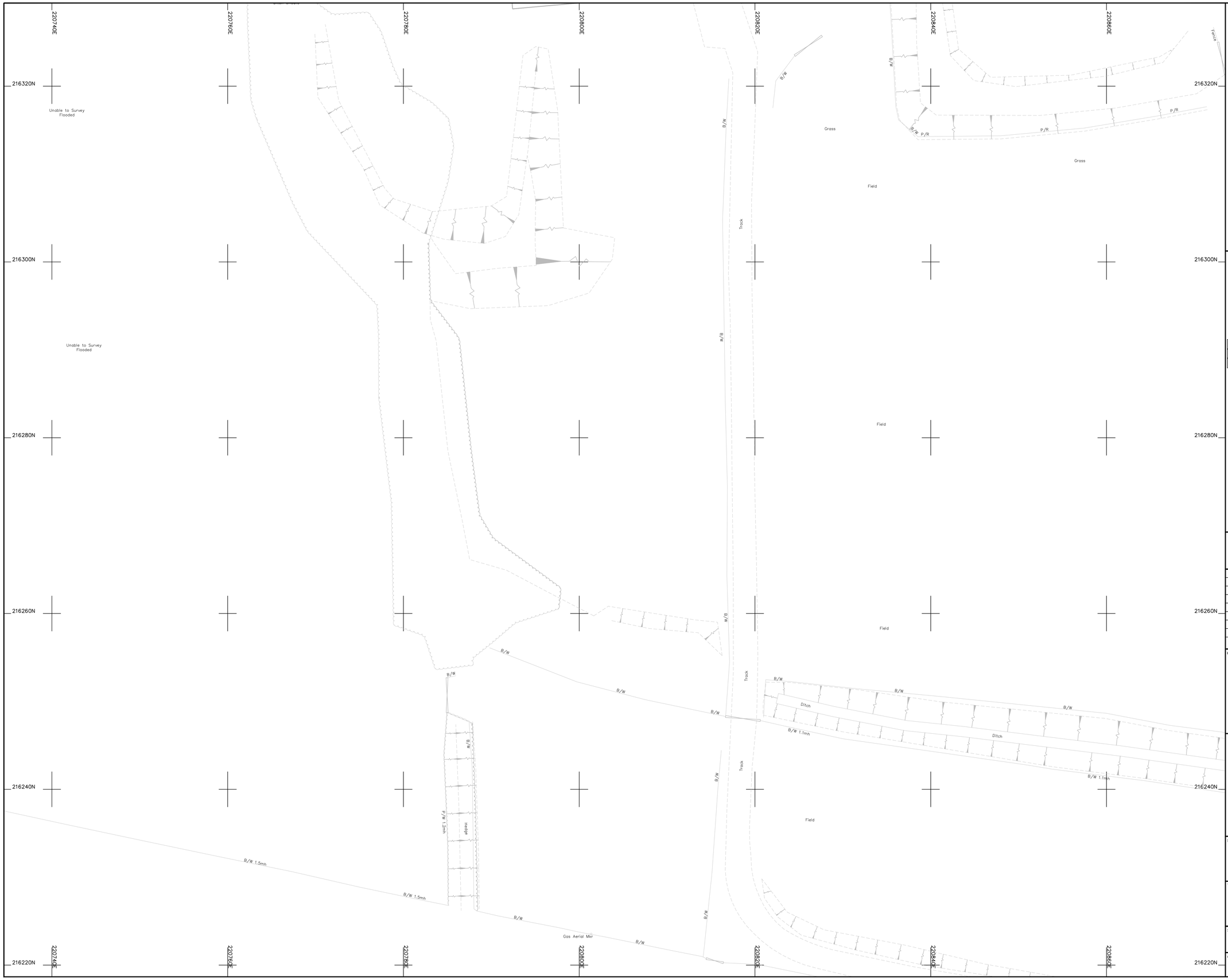
60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

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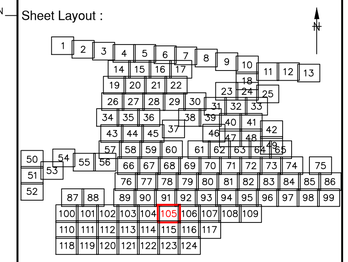
End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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SA1 1HE
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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 105 of 124

Title

DRAINAGE
SURVEY

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

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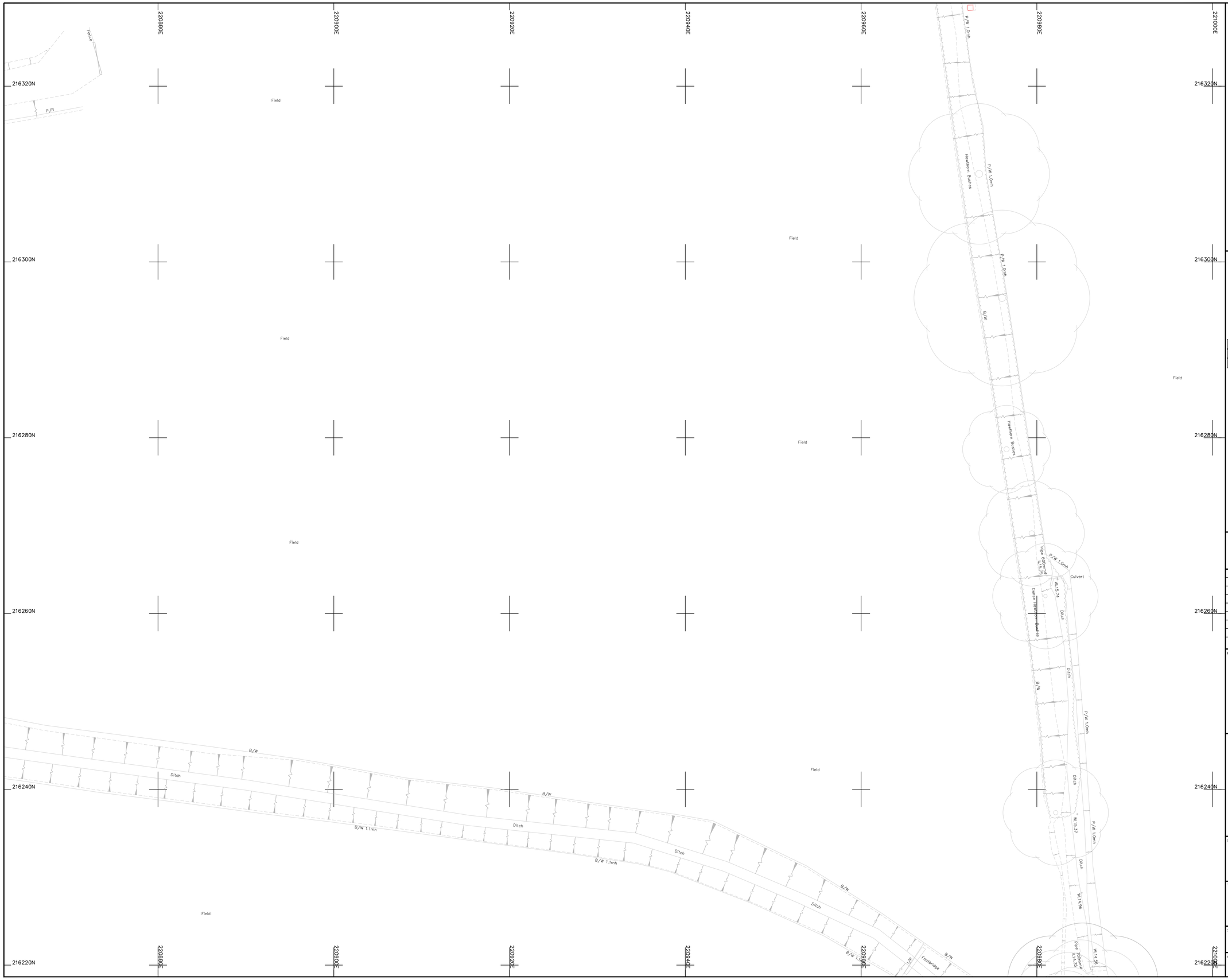

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

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End of Trace

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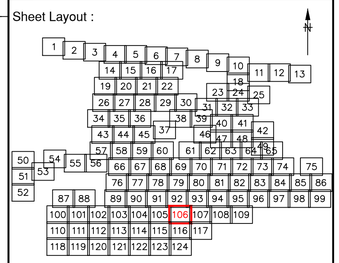
Sheet Layout :



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SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 106 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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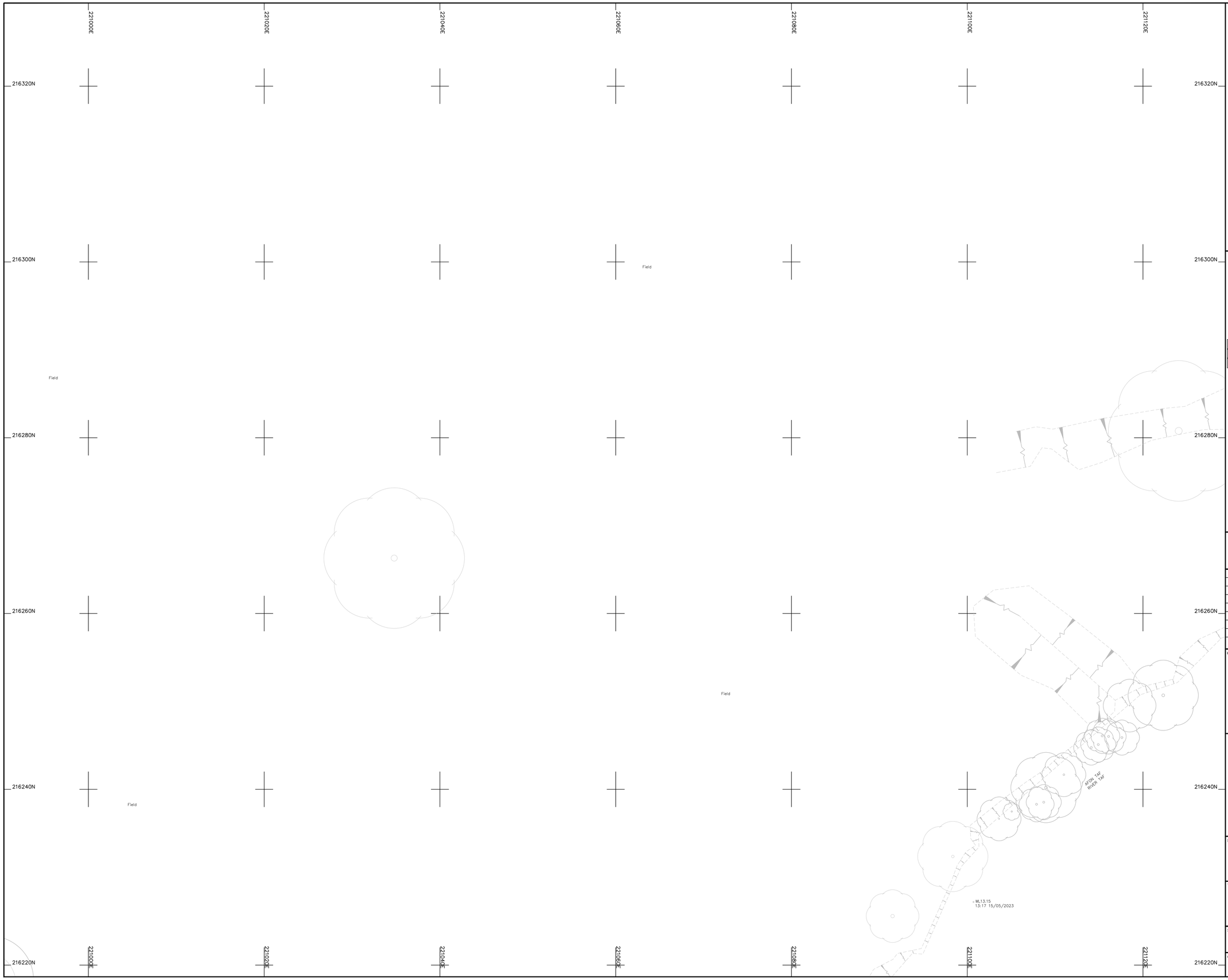
60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

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---------> End of Trace

UTL Unable to Lift

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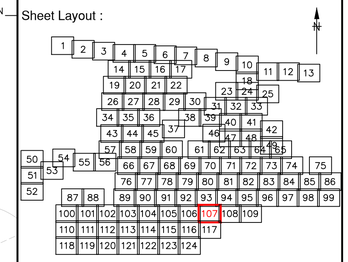

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Carmarthenshire
Site 12

SHEET 107 of 124

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DRAINAGE
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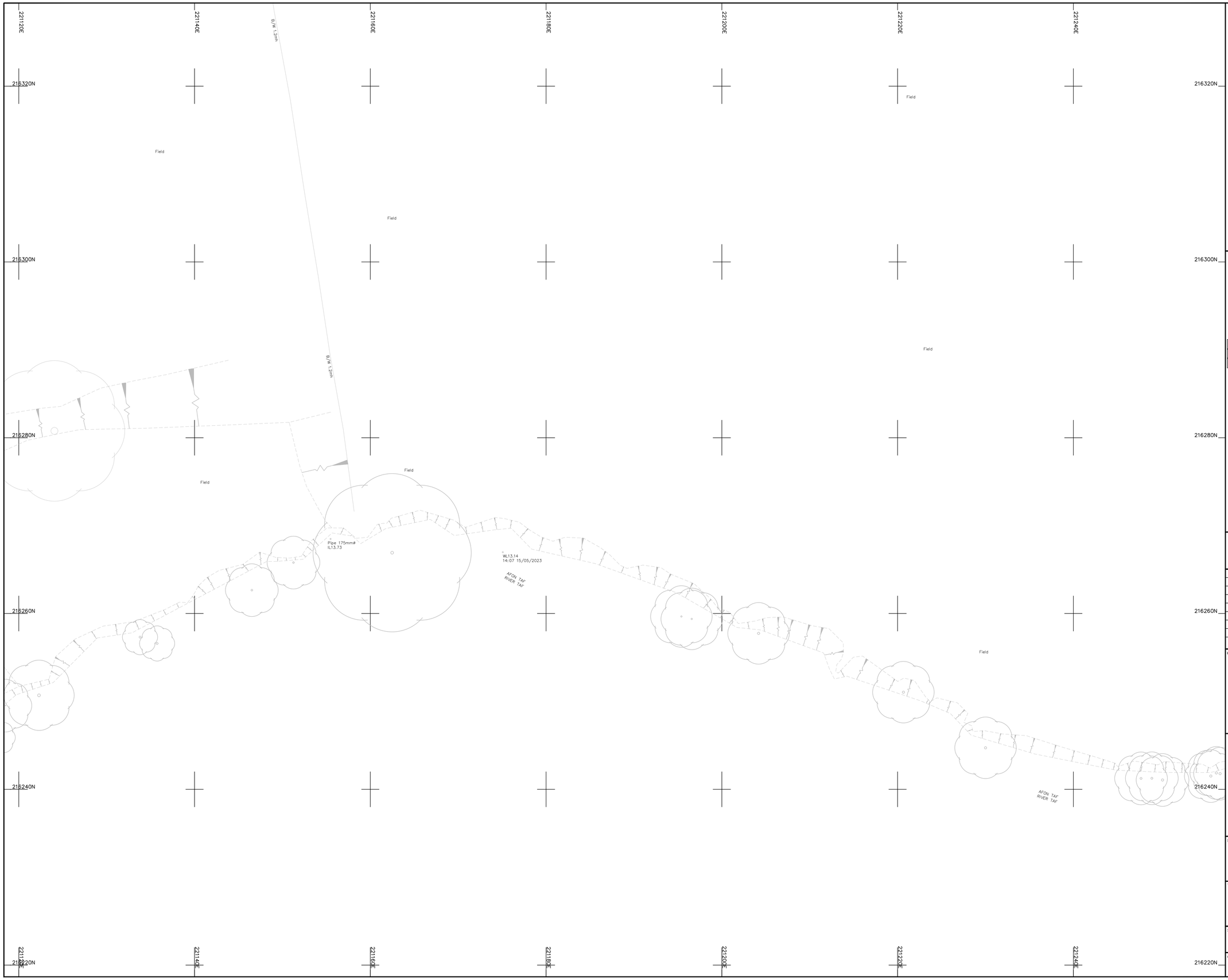

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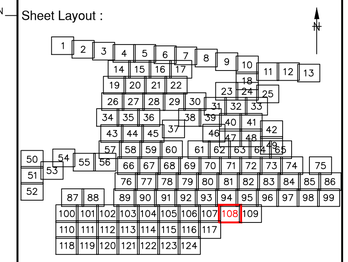

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Site 12
SHEET 108 of 124

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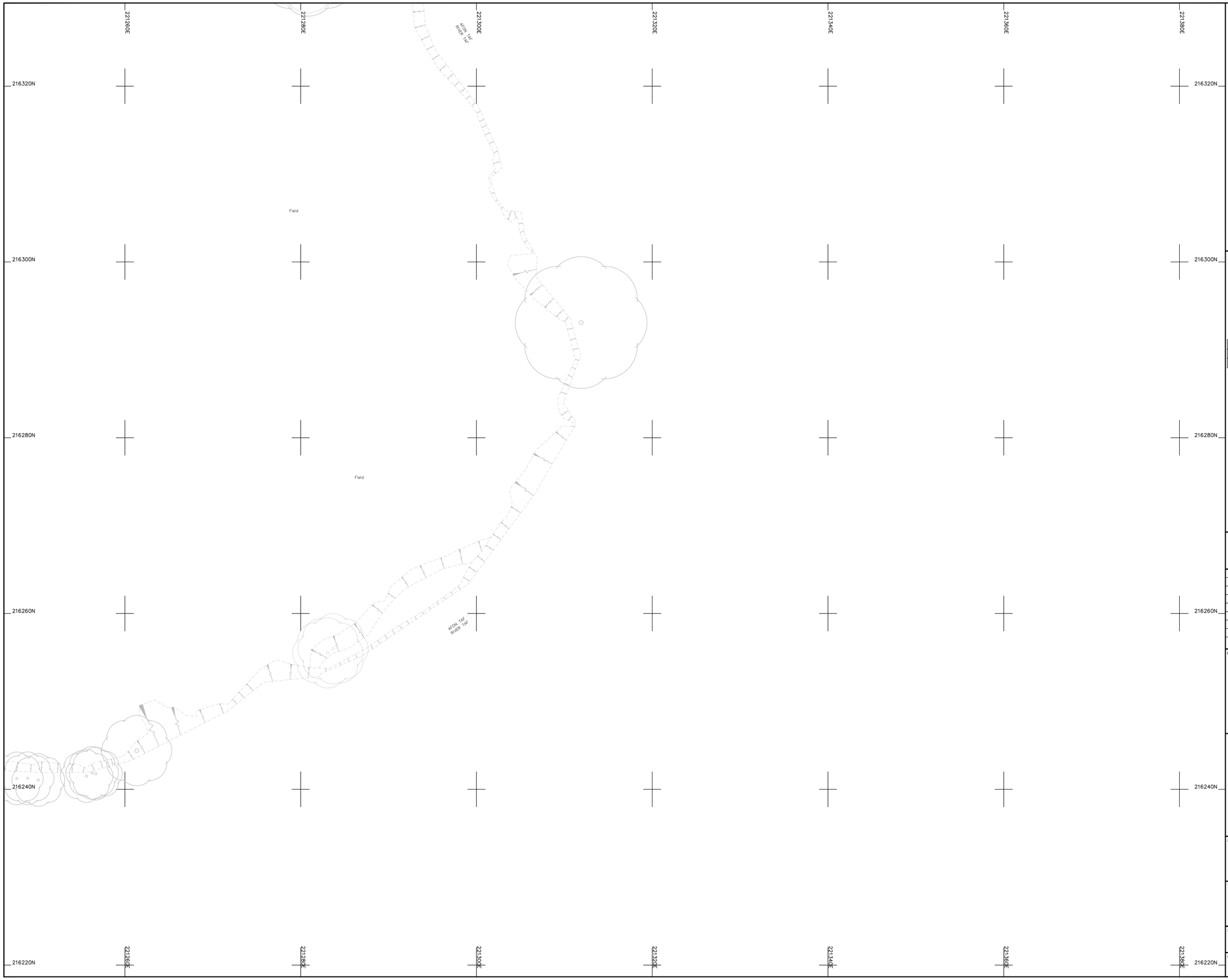

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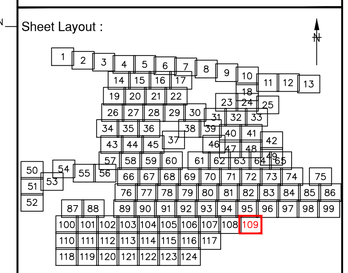

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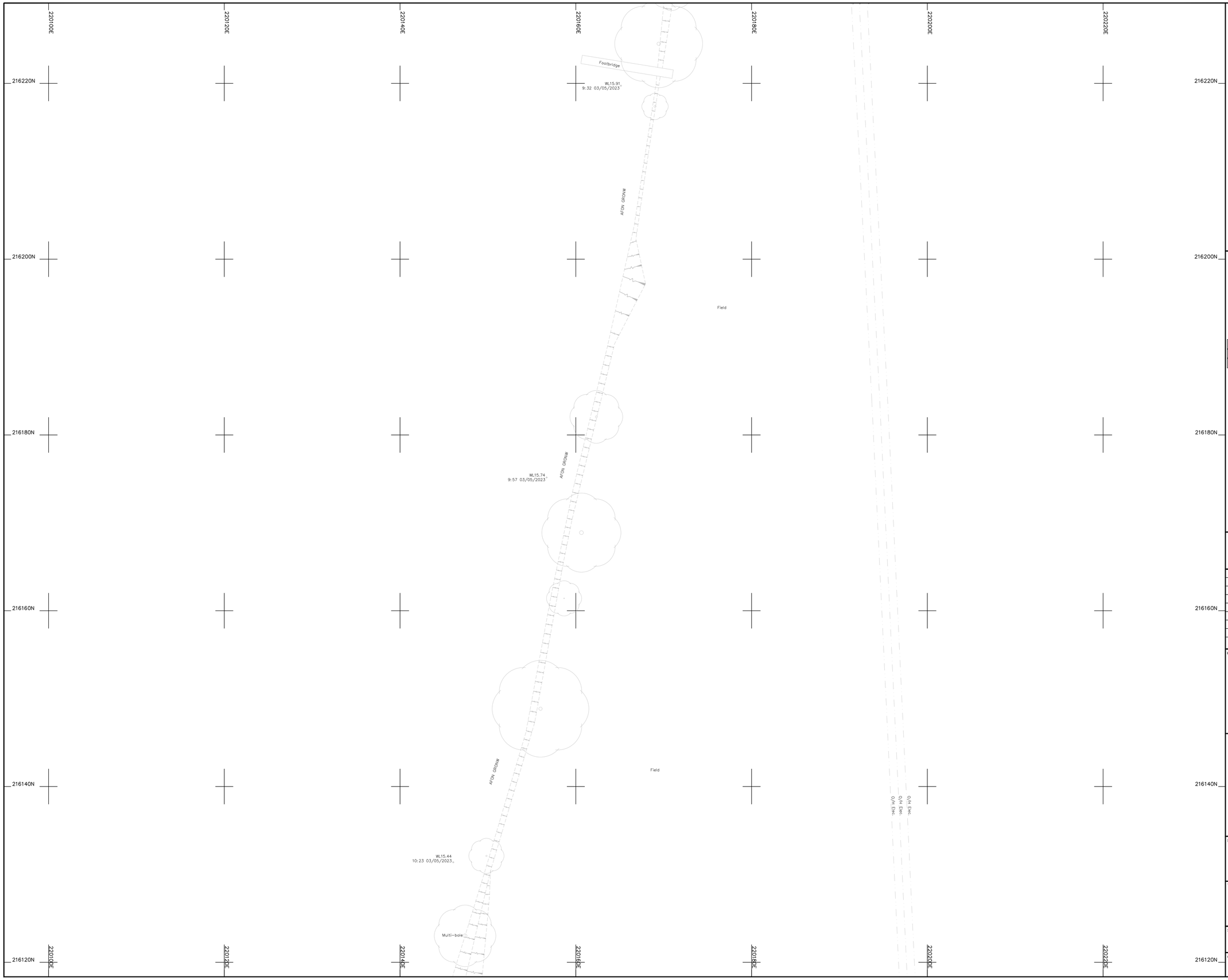

Legend :

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
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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
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I/R	Iron Railing	WM	Water Meter
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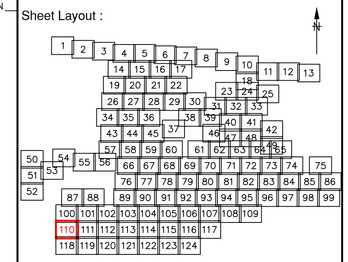
I/W	Interwoven	W/M	Wire Mesh Fence
KO	Kerb Outlet	WV	Water Valve
LP	Lamp Post		

Permanent Ground Marker ⊗
O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul
Roof Level + RL36.36 ---------- U/G Storm
---------> End of Trace
UTL Unable to Lift
UTS Unable To Survey

Sheet Layout :



Notes :

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CLIENT

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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

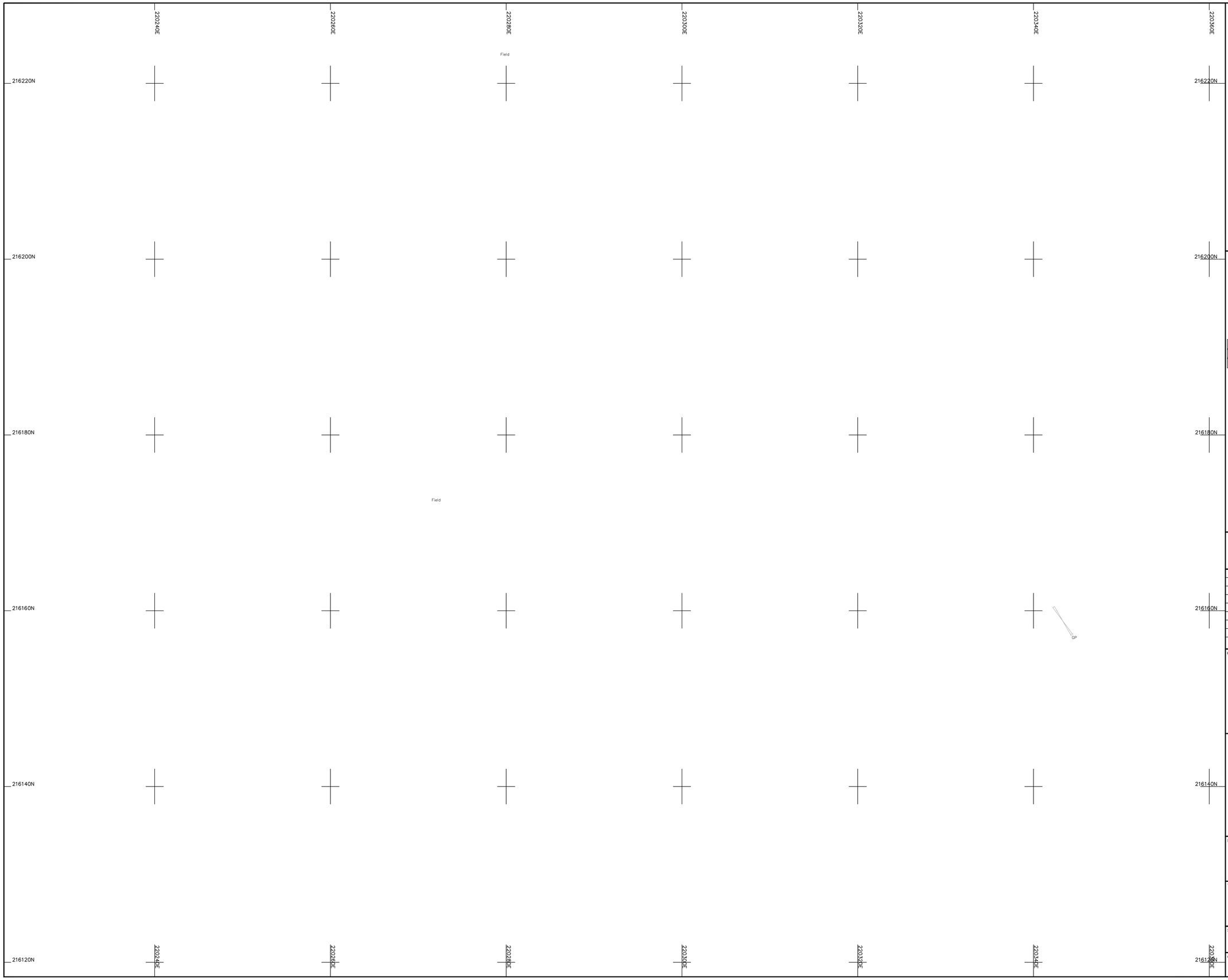
Carmarthenshire
Site 12
SHEET 110 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:
60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul

Roof Level + RL36.36 — U/G Storm

End of Trace

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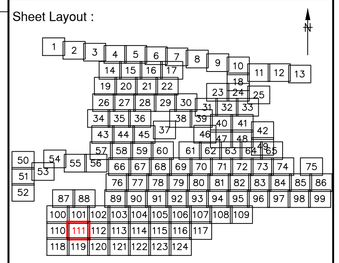

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SA1 1HE
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Project

Carmarthenshire
Site 12
SHEET 111 of 124

Title

DRAINAGE
SURVEY

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

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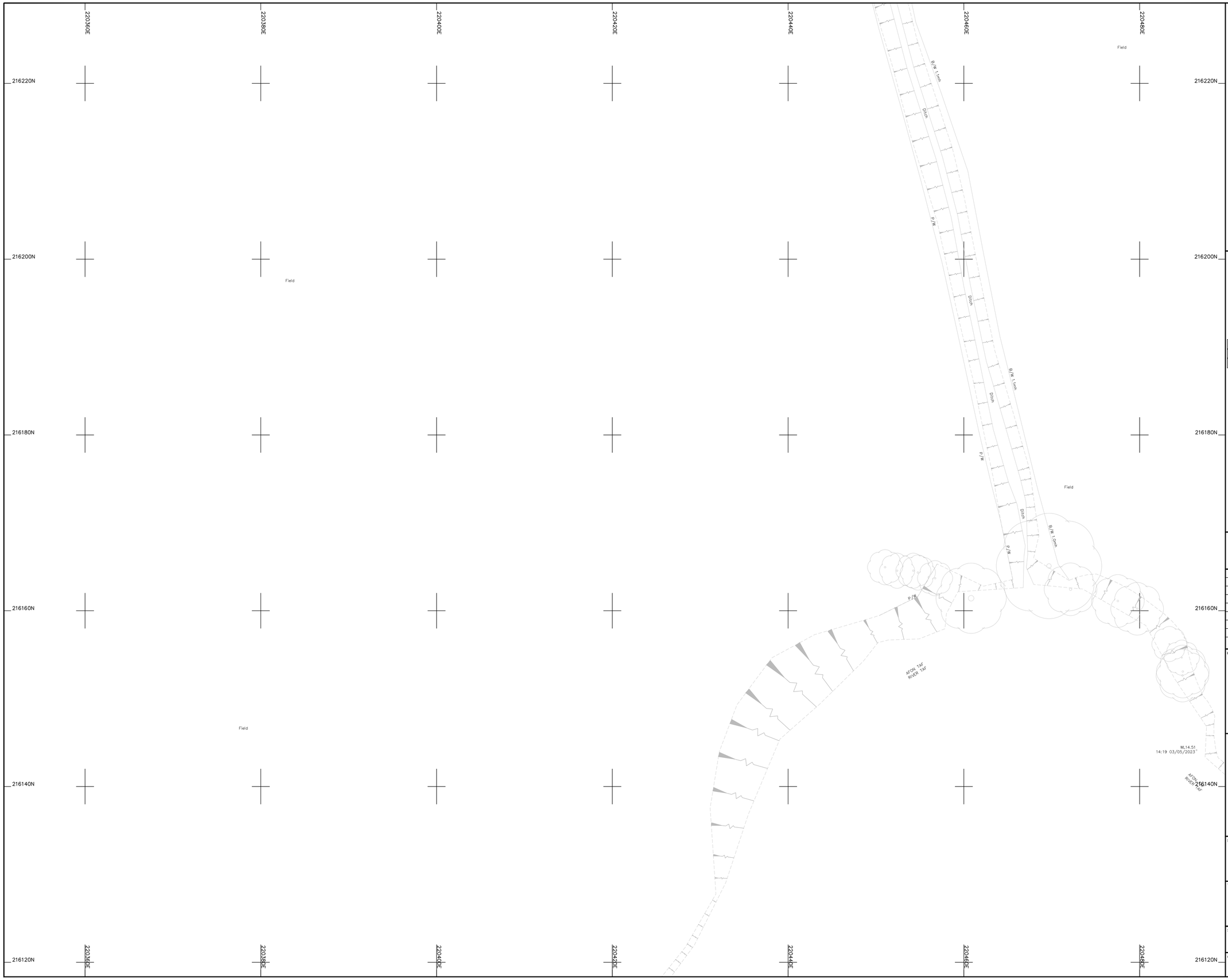

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Permanent Ground Marker ⊗

O.S. Bench Mark

Riverbed Level + BL36.36 — U/G Foul

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End of Trace

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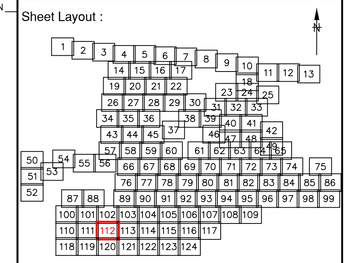

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Carmarthenshire
Site 12
SHEET 112 of 124

Title

DRAINAGE
SURVEY

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

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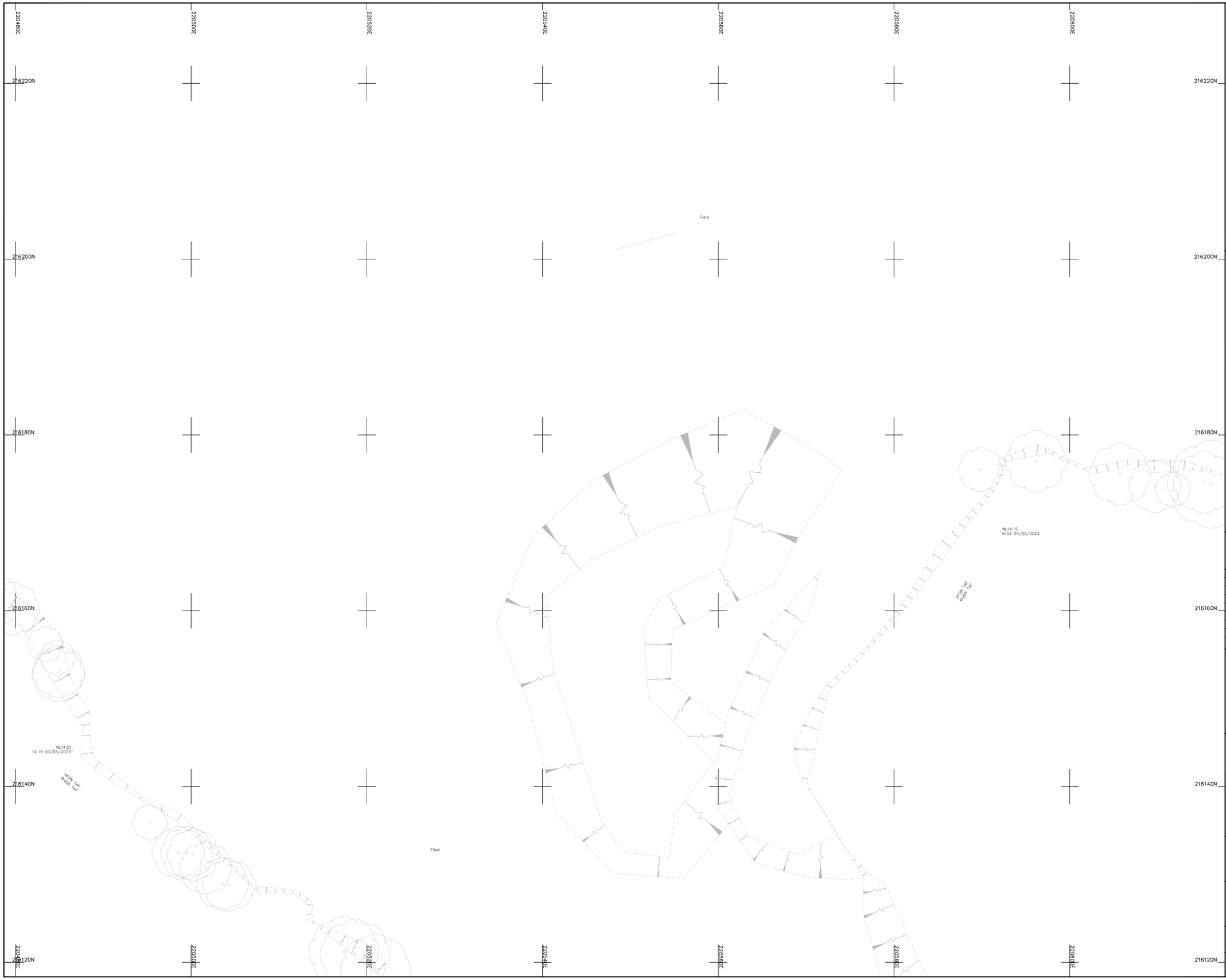

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

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---------- End of Trace

UTL Unable to Lift

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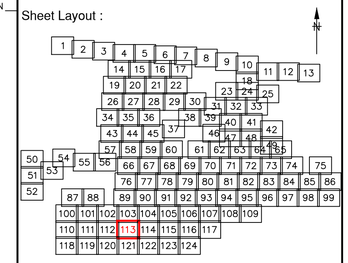

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SWANSEA
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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 113 of 124

Title

DRAINAGE
SURVEY

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

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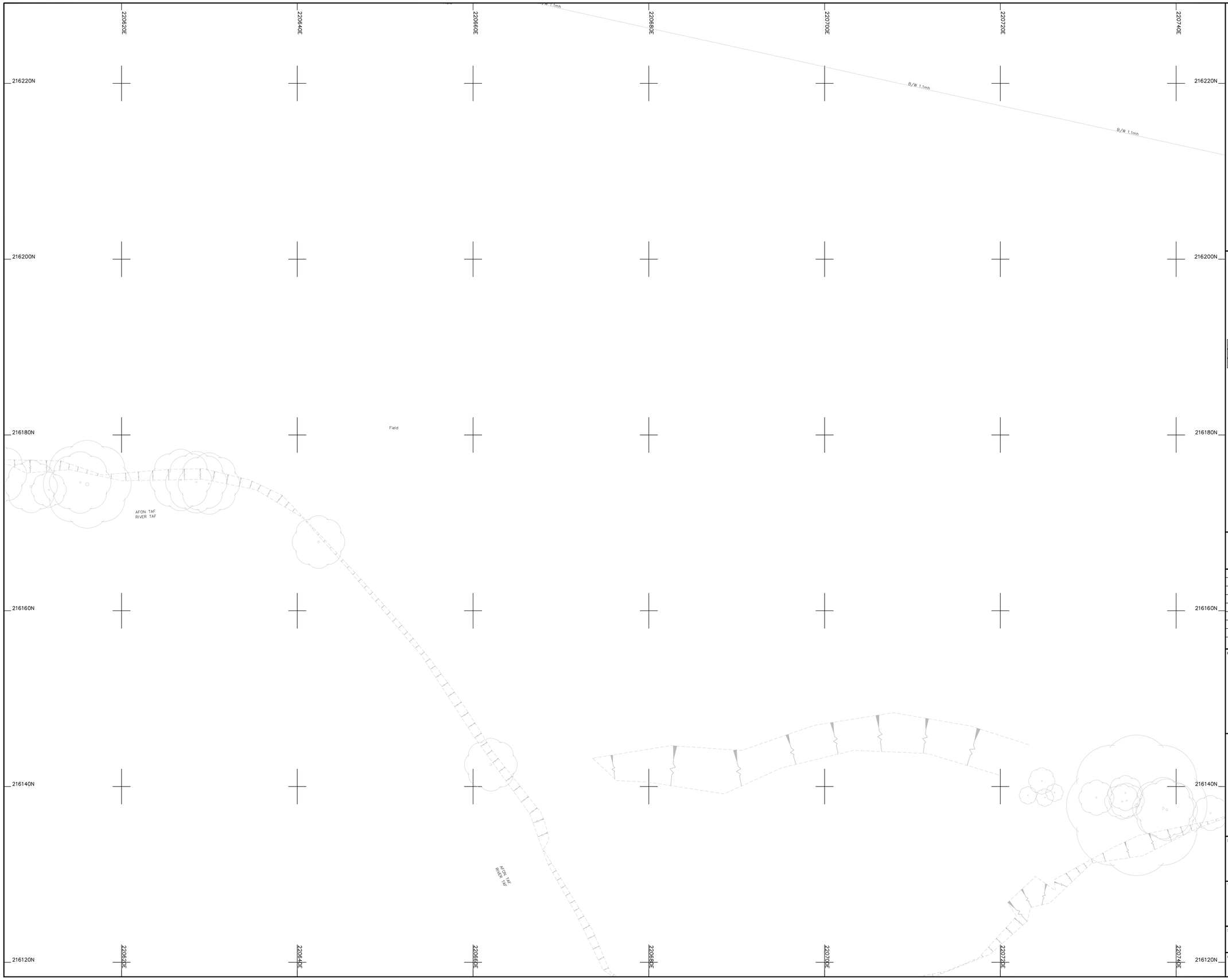

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

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---------- End of Trace

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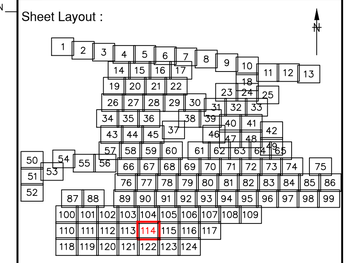

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SWANSEA
SA1 1HE
Tel 01792 644181
Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 114 of 124

Title

DRAINAGE
SURVEY

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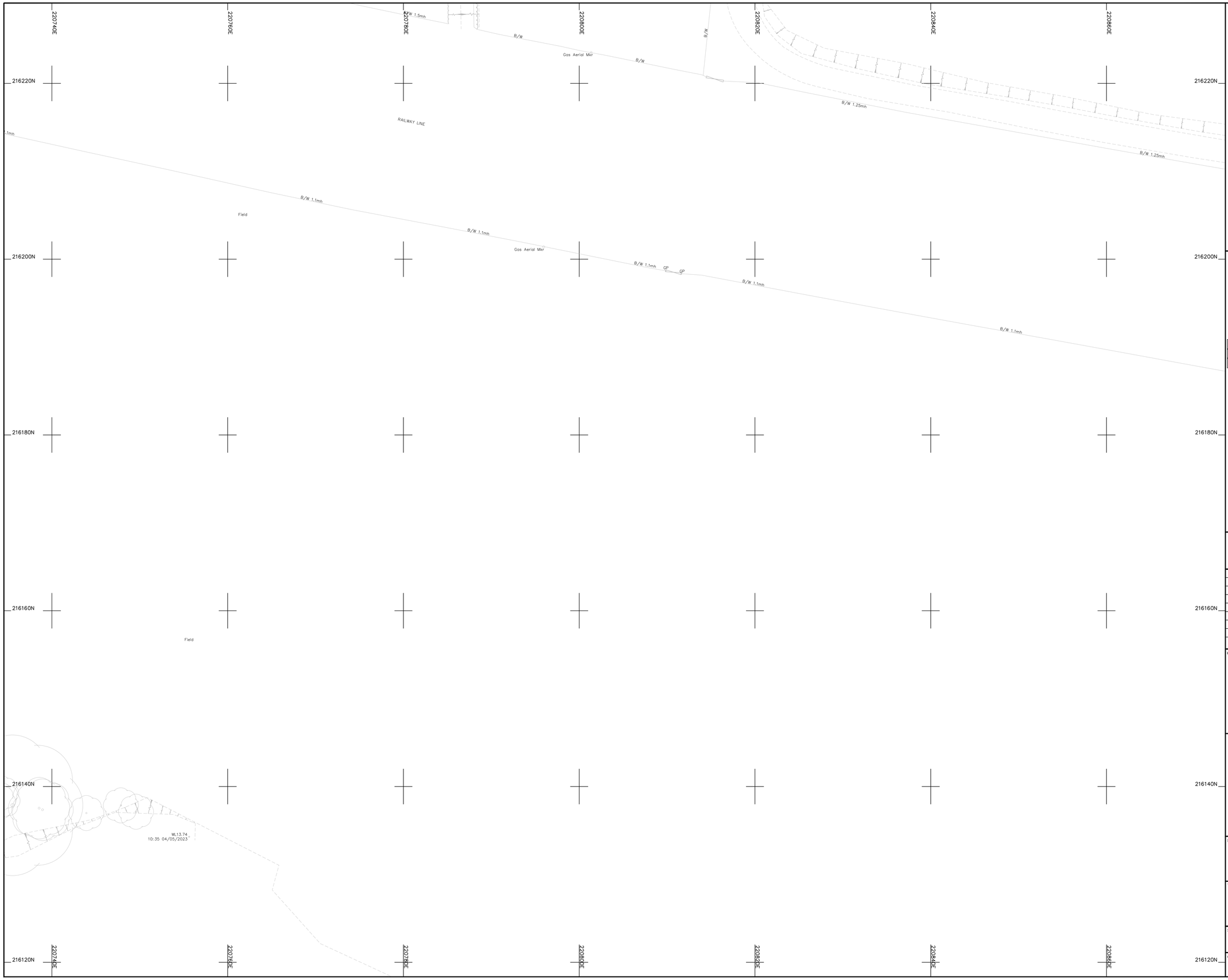

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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + RL36.36 ---------- U/G Foul

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---------- End of Trace

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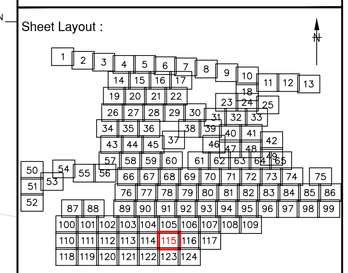

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Project

Carmarthenshire
Site 12

SHEET 115 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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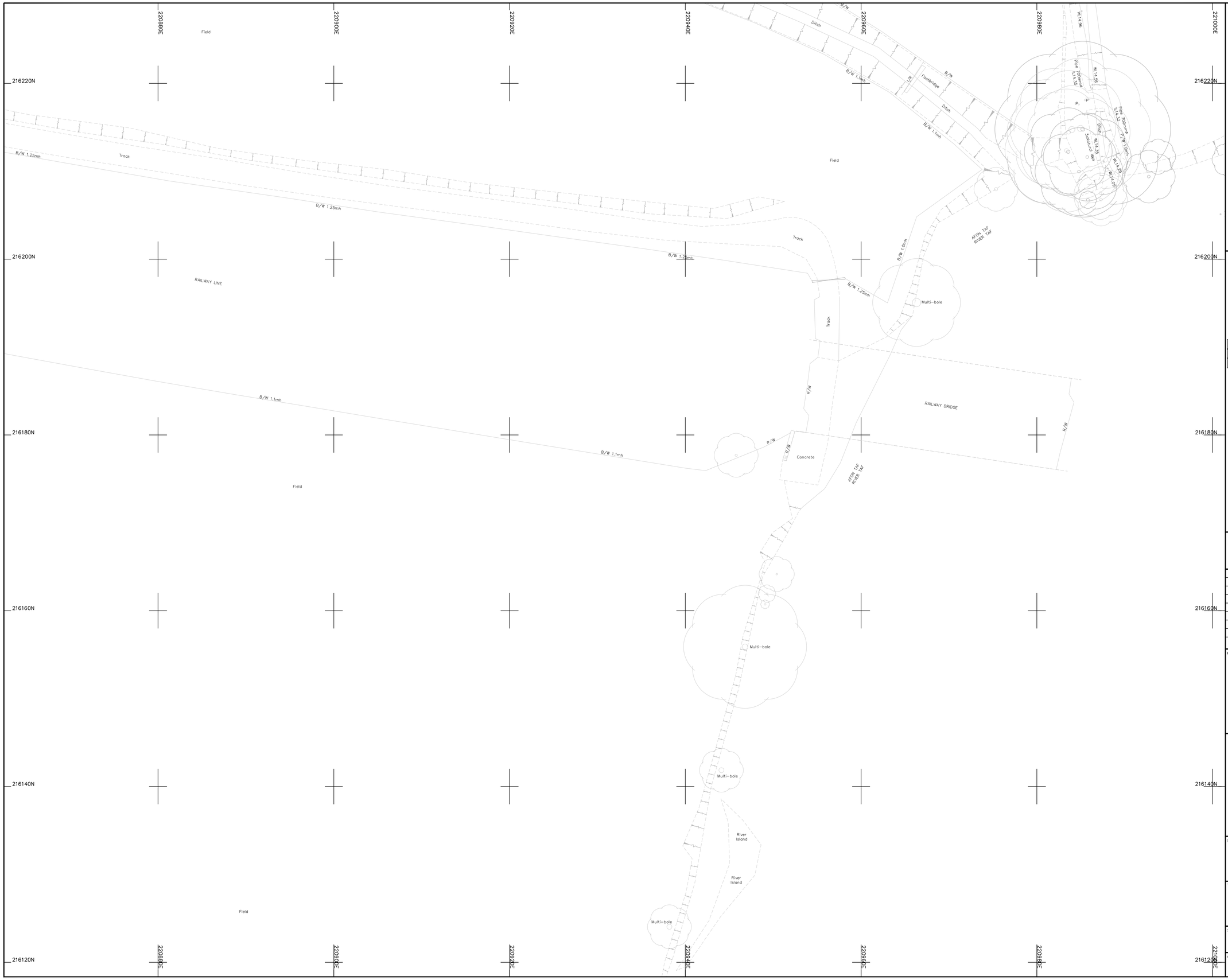

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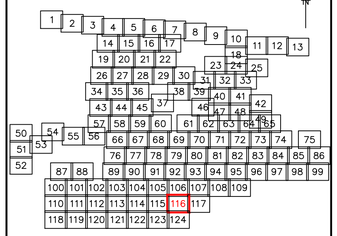

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Carmarthenshire
Site 12
SHEET 116 of 124

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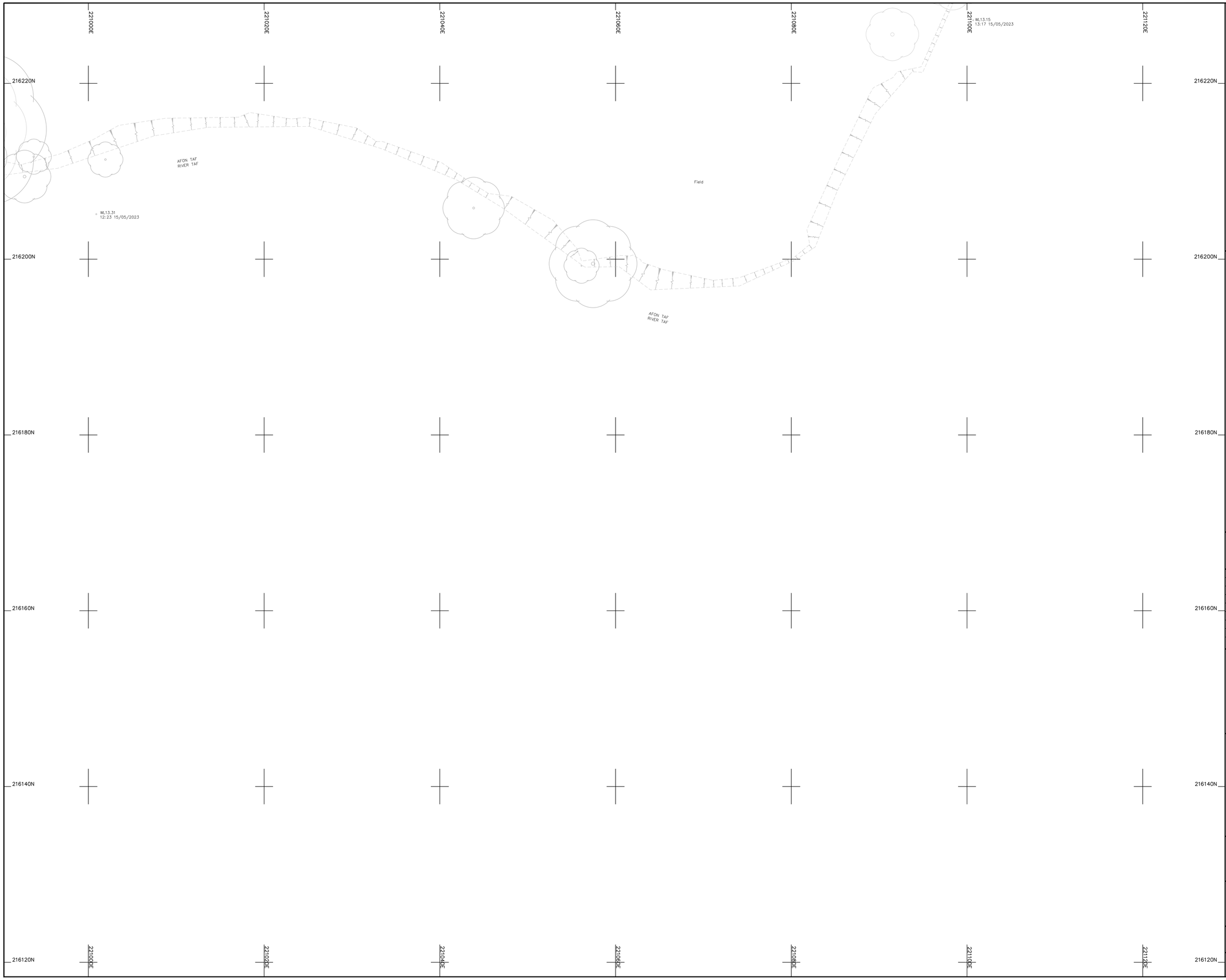

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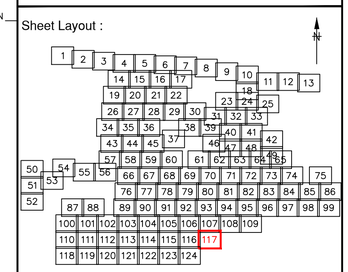

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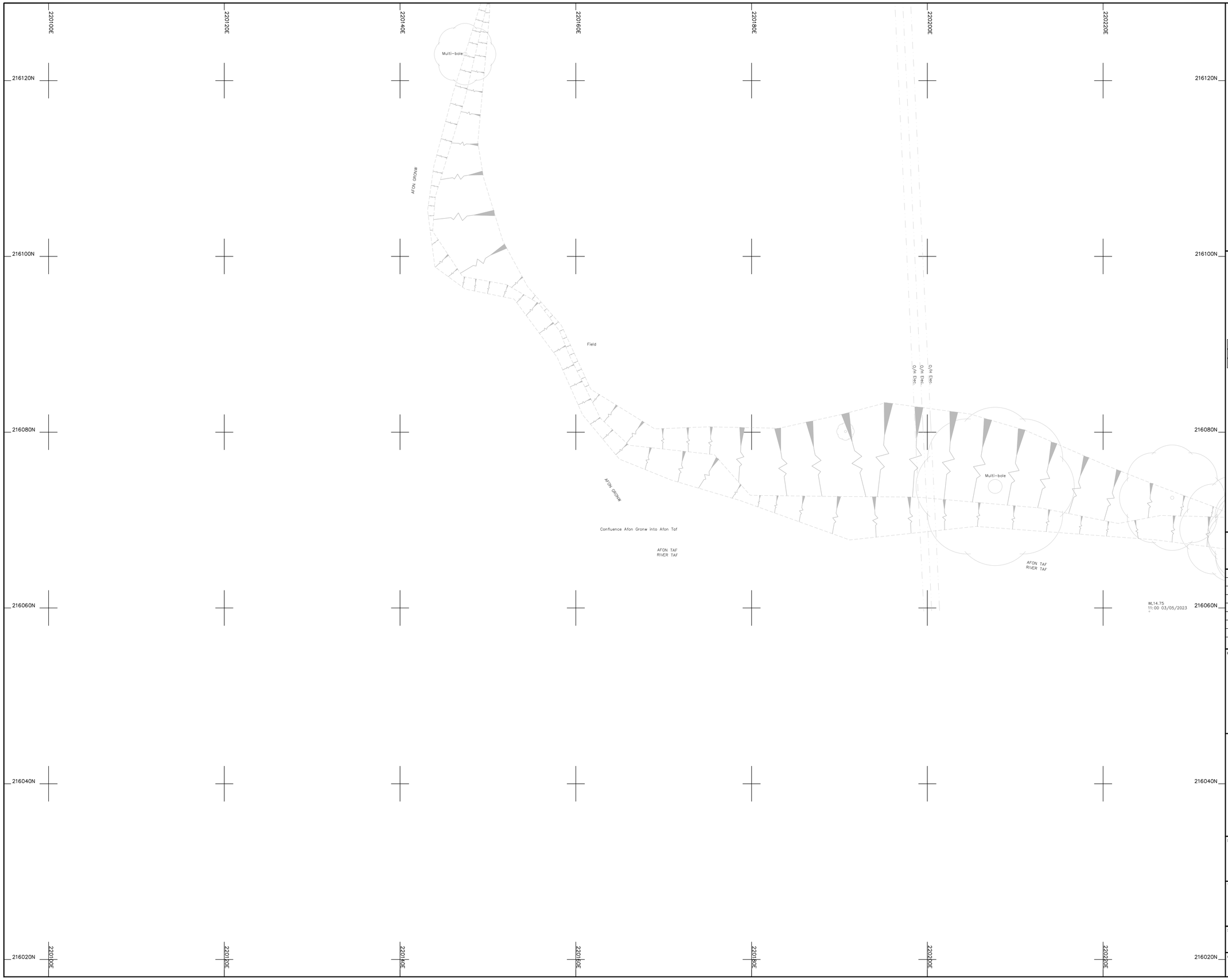

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FIG	Feeds Into Ground	SB	Sign Board
FS	Flag Staff	SP	Sign Post
GM	Gas Meter	SC	Stop Cock
GV	Gas Valve	TCB	Telephone Call Box
GP	Gate Post	TP	Telephone Pole
G	Gully	TS	Traffic Signal
Hyd	Hydrant	VP	Vent Pipe
I/R	Iron Railing	WM	Water Meter
IC	Inspection 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 ↑

Riverbed Level + BL36.36 ---------- U/G Foul

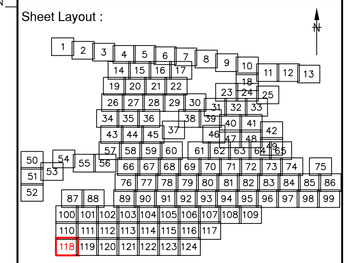
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

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 12
SHEET 118 of 124

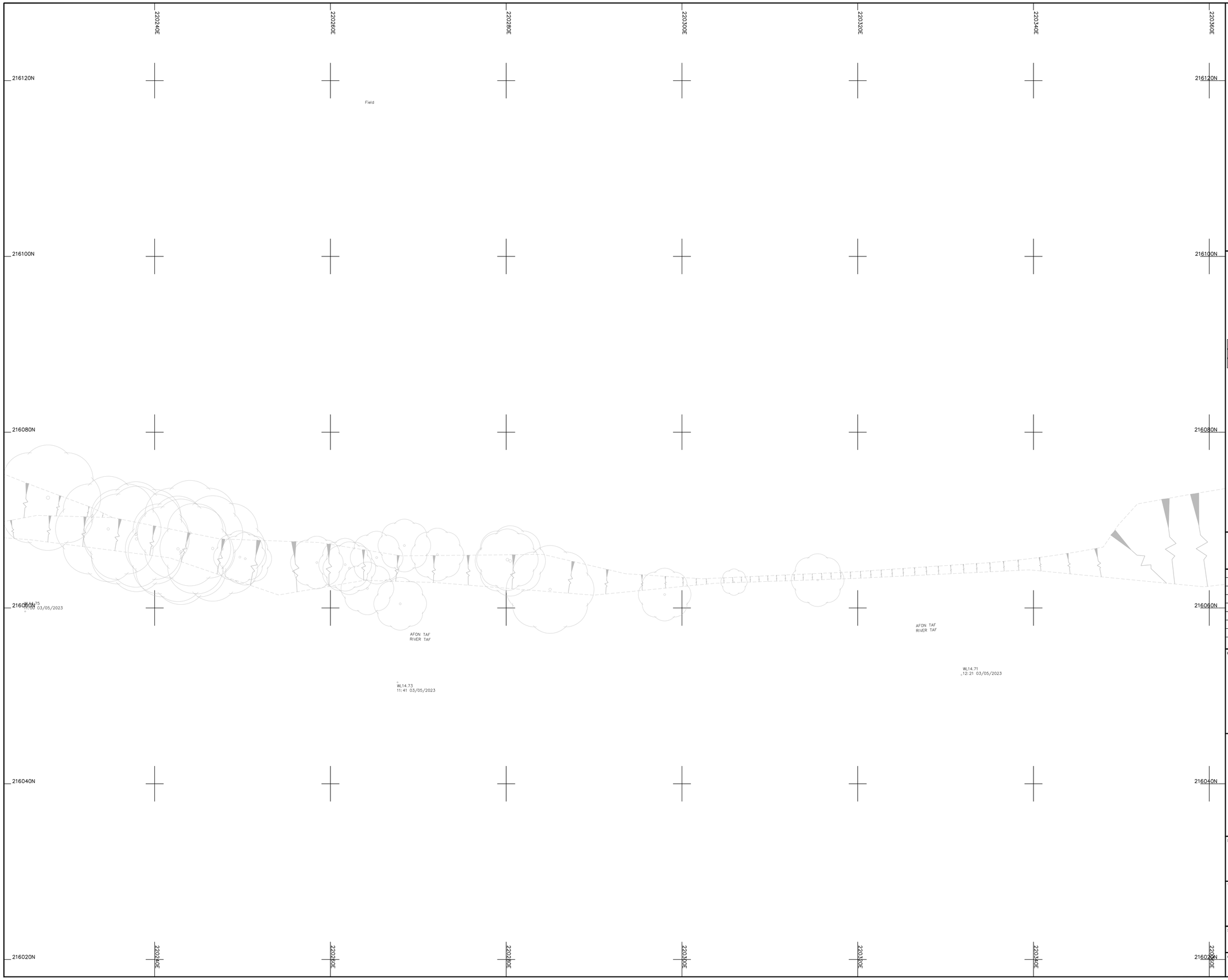
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-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
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

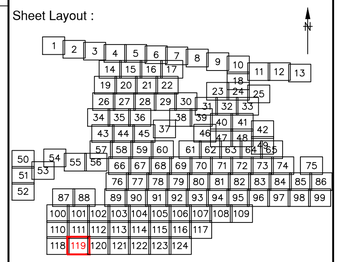
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 119 of 124

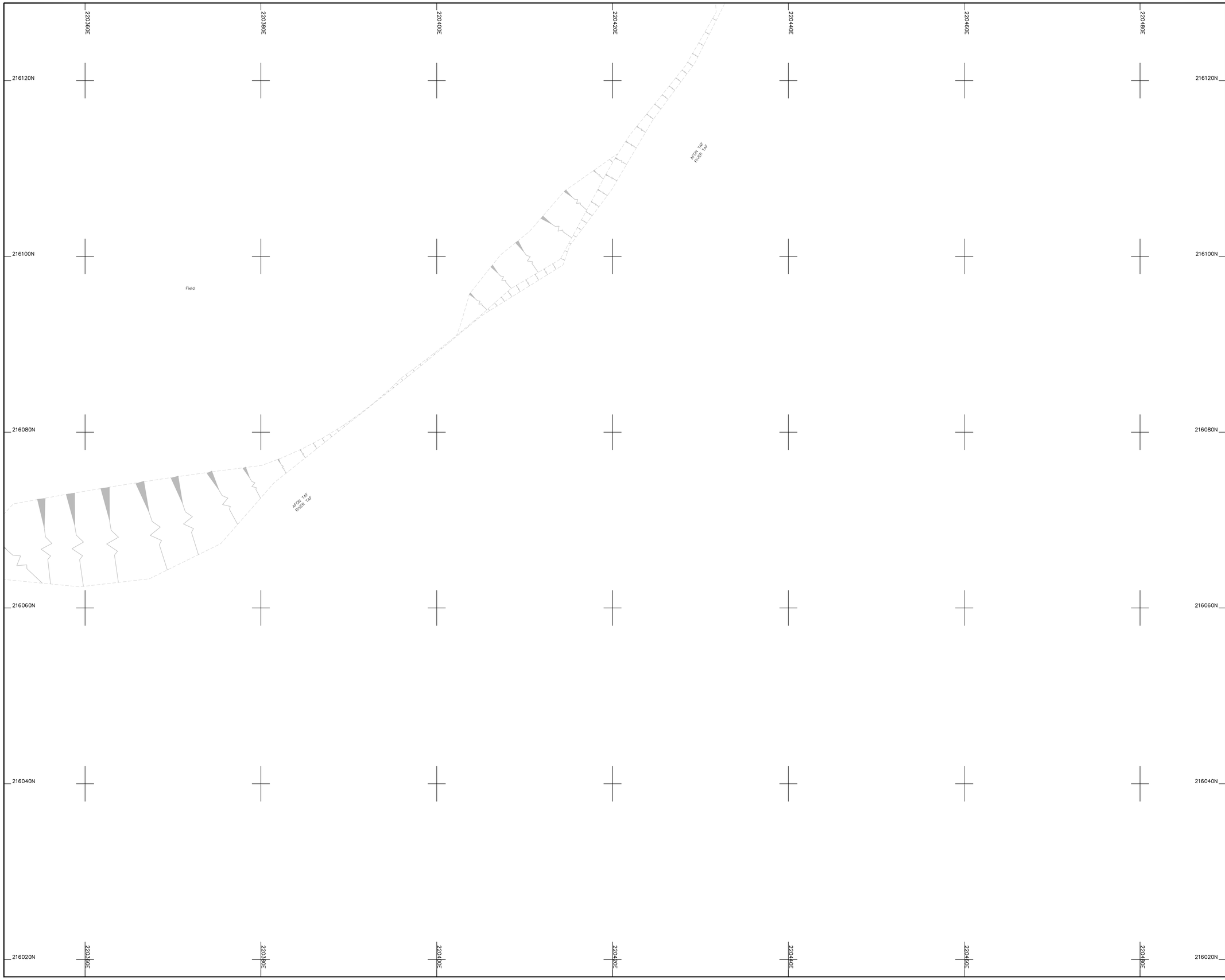
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
B/W	Barbed Wire	MH	Manhole
BB	Belisha Beacon	Mkr	Marker
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LP	Lamp Post		

Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

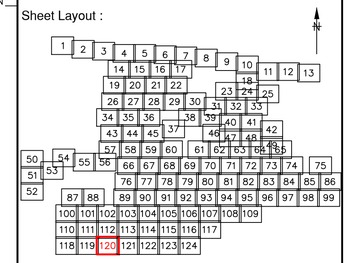
Roof Level + RL36.36 — U/G Storm

End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 120 of 124

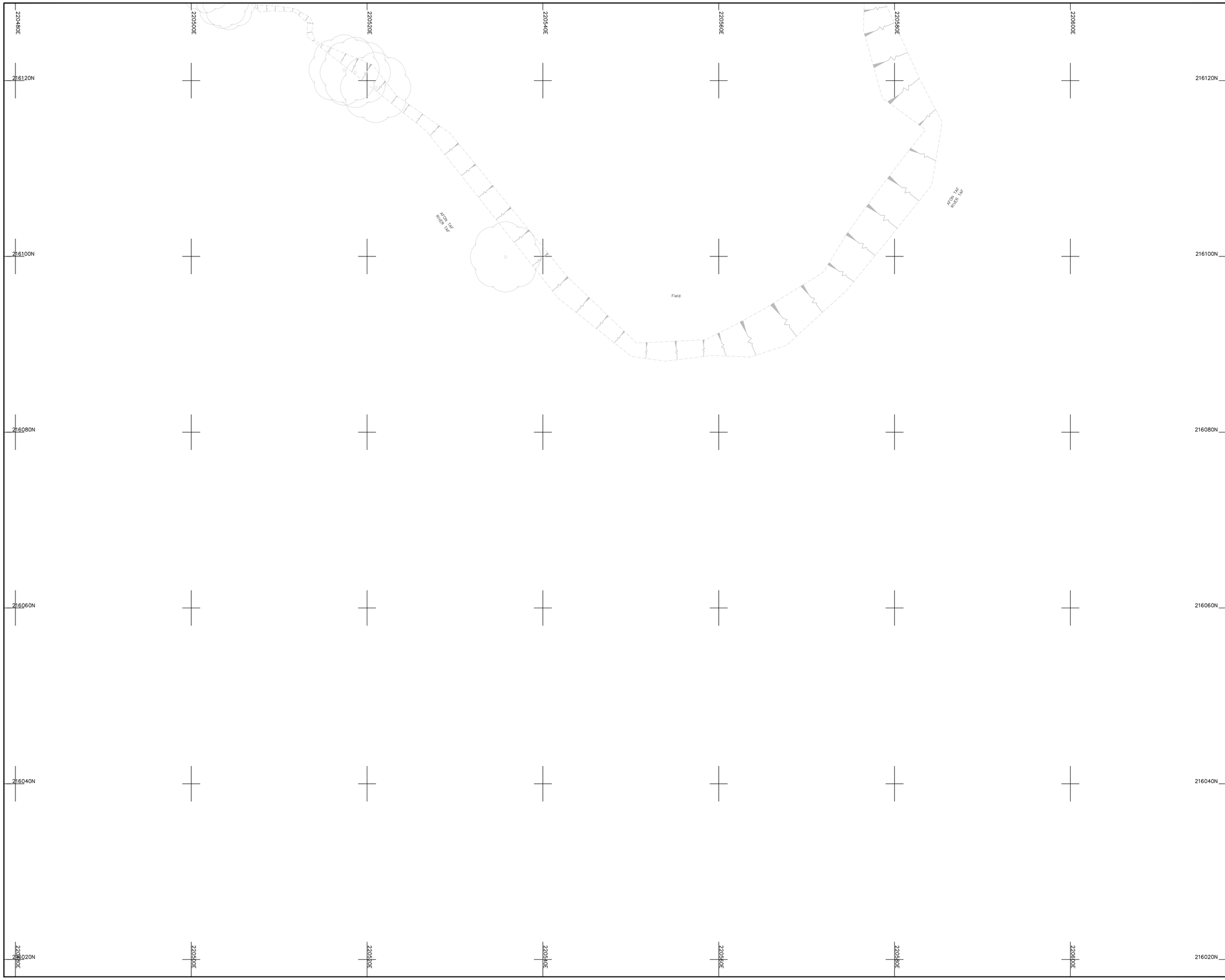
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

AP	Anchor Point	LB	Letter Box
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BB	Belisha Beacon	Mkr	Marker
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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 — U/G Foul

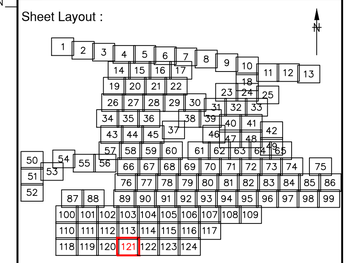
Roof Level + RL36.36 — U/G Storm

→ End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 121 of 124

Title

DRAINAGE
SURVEY

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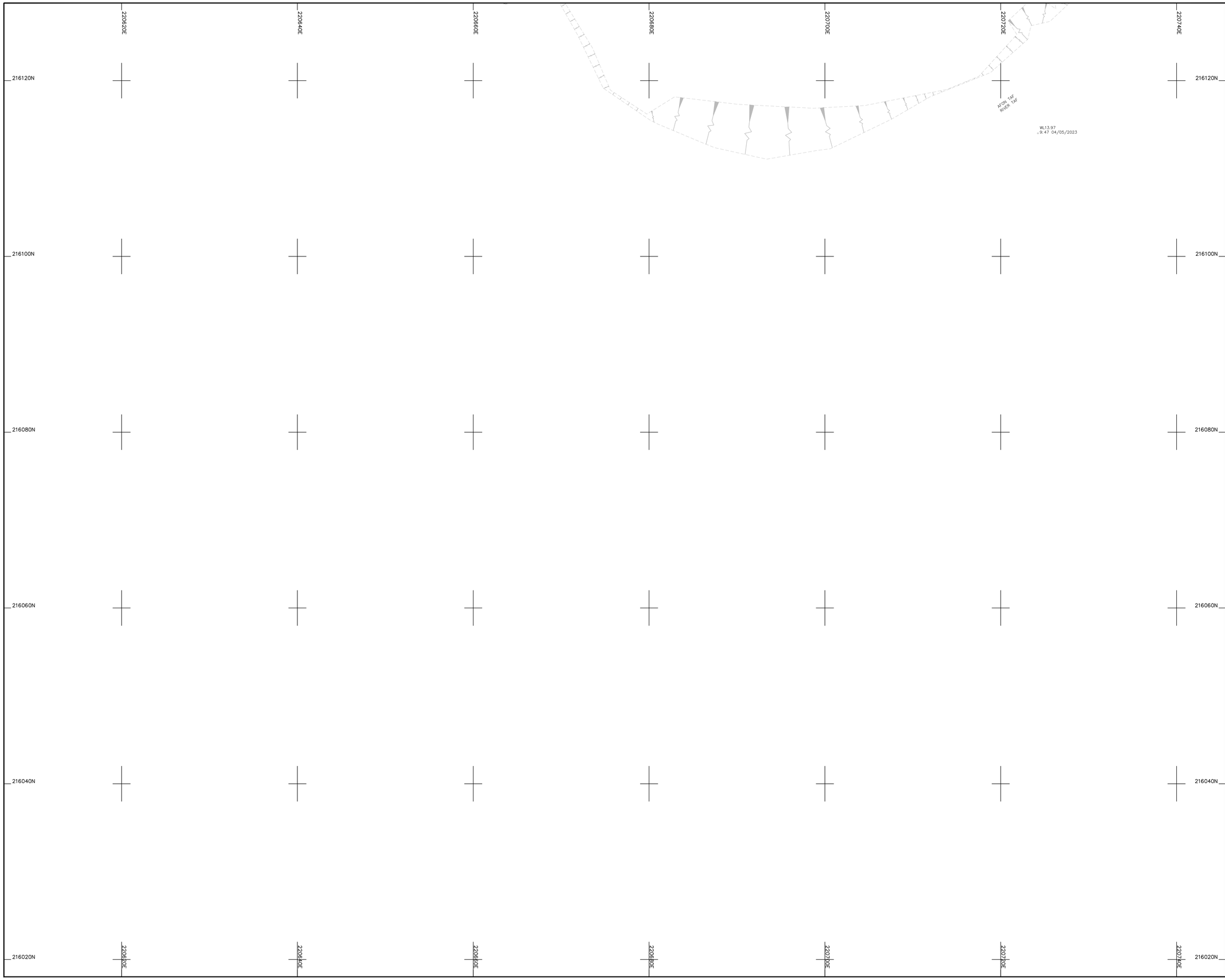
Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul

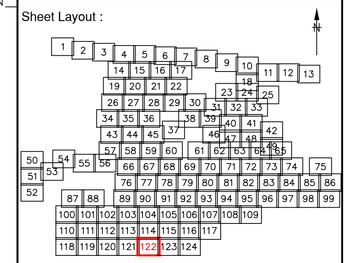
Roof Level + RL36.36 ---------- U/G Storm

---------- End of Trace

UTL Unable to Lift

UTS Unable To Survey

Sheet Layout :



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SWANSEA
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Fax 01792 203333

Project

Carmarthenshire
Site 12

SHEET 122 of 124

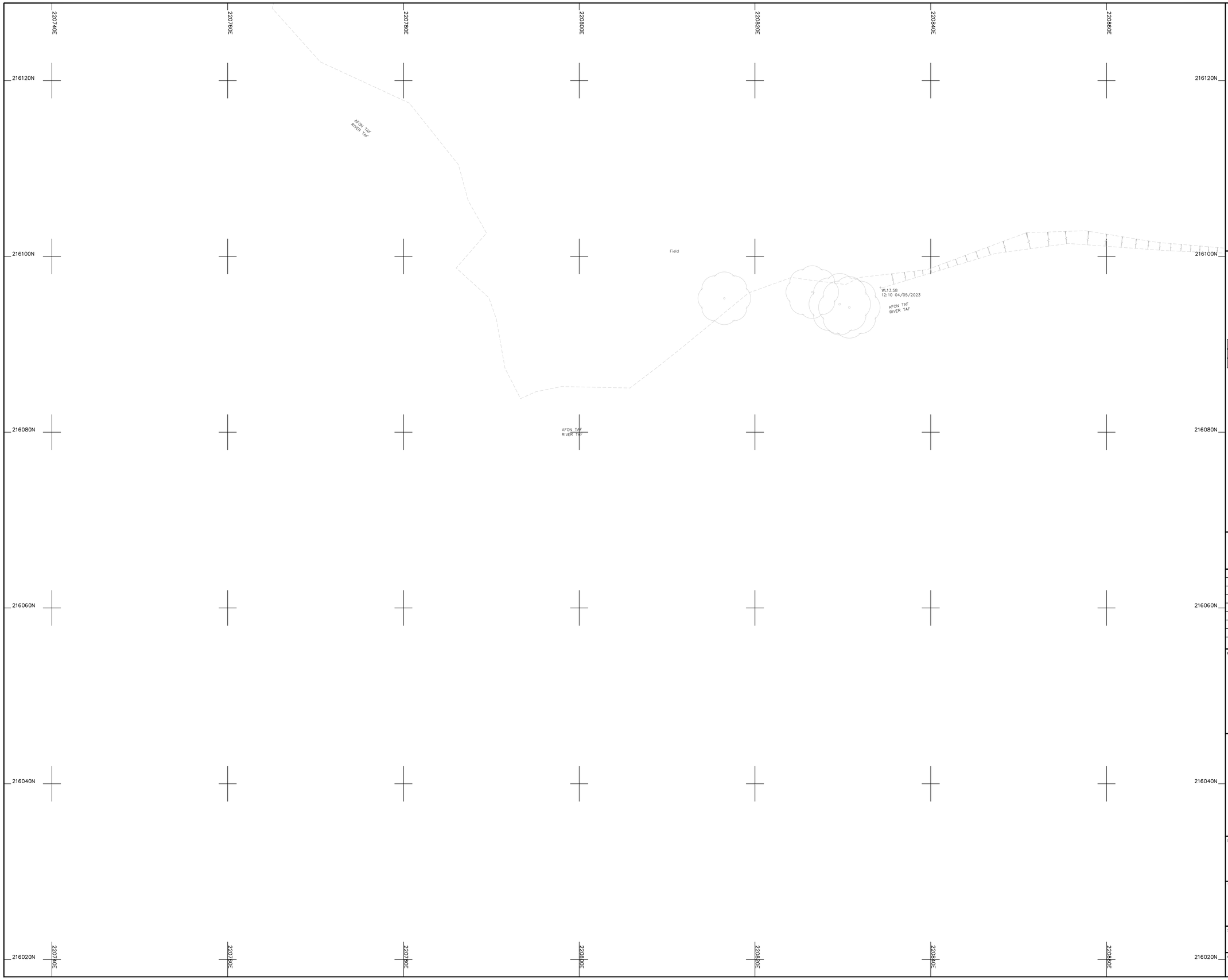
Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
1:200	JUN 2023	JPD	AT

Cad File Name:

60014-MH-VDS-SITE12-DR-G-0001



Legend :

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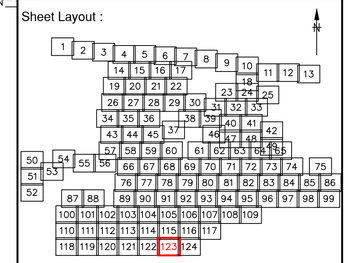
Permanent Ground Marker ⊗
O.S. Bench Mark ↑

Riverbed Level + BL36.36 ---------- U/G Foul
Roof Level + RL36.36 ---------- U/G Storm
---------- End of Trace
UTL Unable to Lift
UTS Unable To Survey

Sheet Layout :



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SWANSEA
SA1 1HE
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Fax 01792 203333

Project

Carmarthenshire
Site 12
SHEET 123 of 124

Title

DRAINAGE
SURVEY

Scale @A1:	Date:	Drawn:	Checked:
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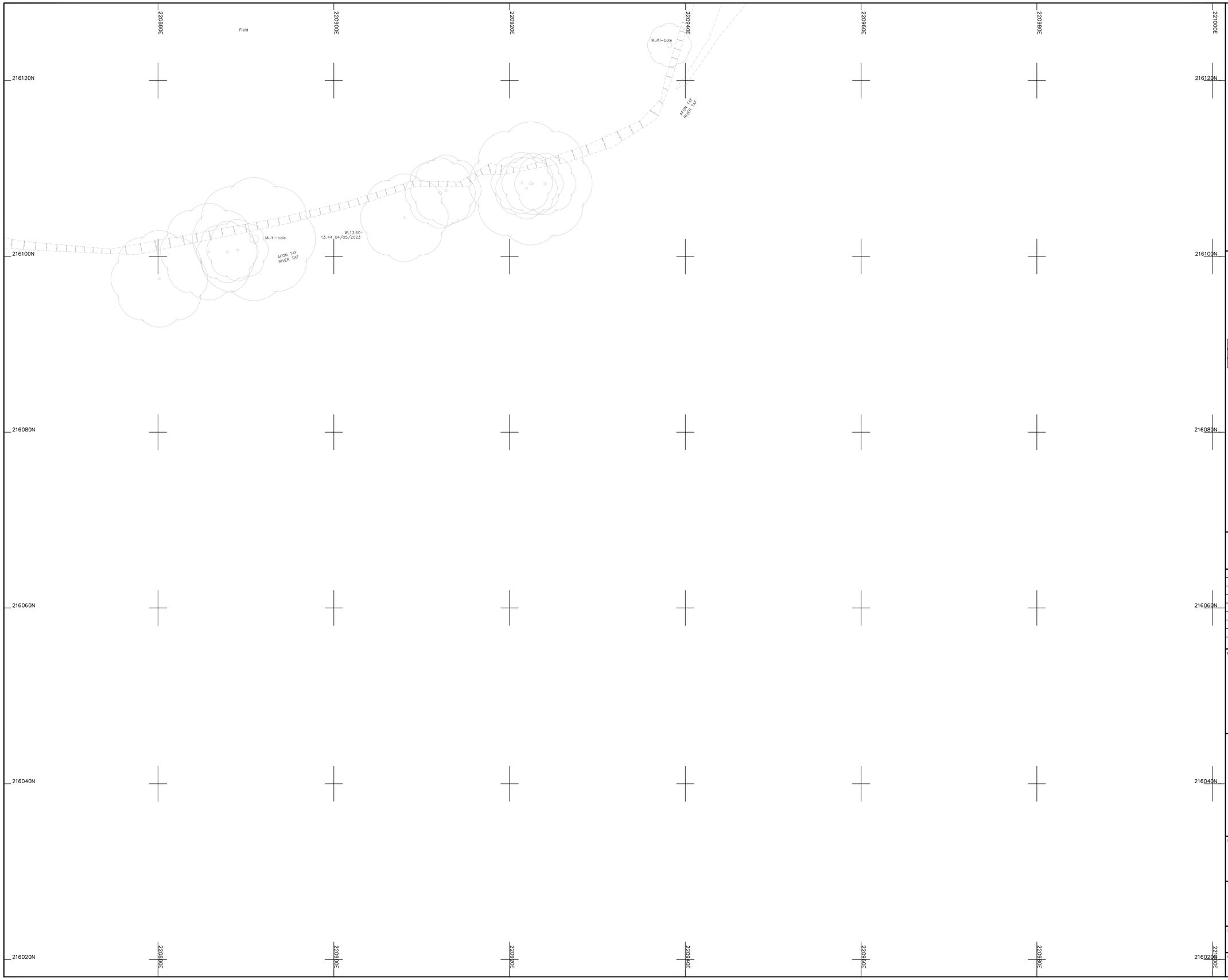
Cad File Name:
60014-MH-VDS-SITE12-DR-G-0001



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Permanent Ground Marker ⊗

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→ End of Trace

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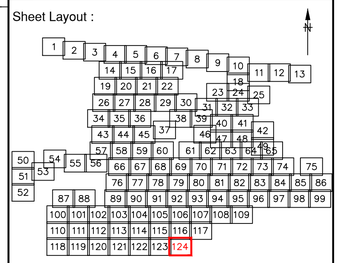

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Project

Carmarthenshire
Site 12
SHEET 124 of 124

Title

DRAINAGE
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