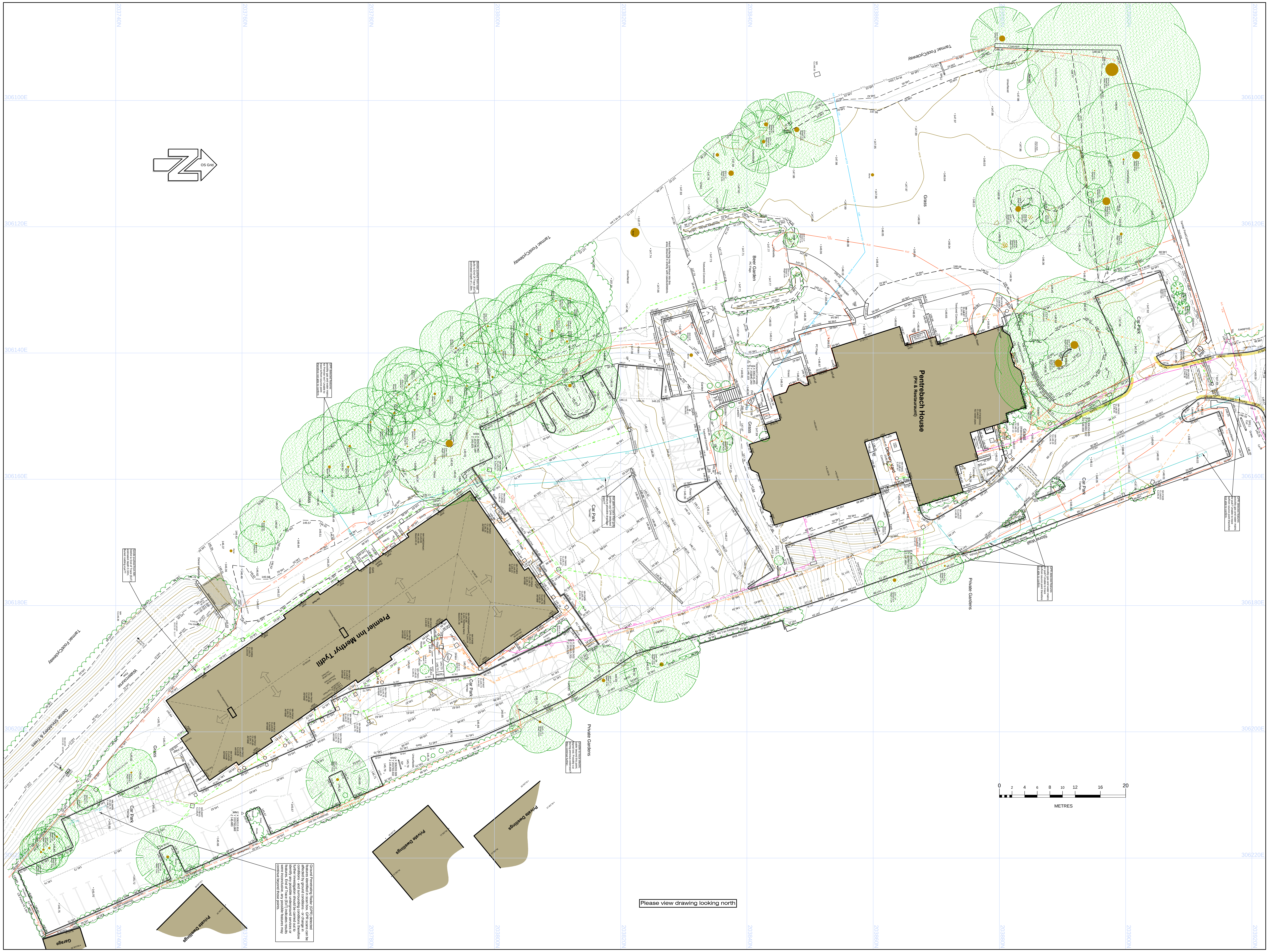

Please view drawing looking north

Notes

1. Surveyed December 2018.
2. Survey related to Ordnance Survey "OS Net" at control point WM3, using realtime correction received via Trimble Navigations "VRS Now" service. Survey plotted to flat plane metric grid with no local scale factor applied, i.e. LSF 1.00.
3. Levels related to GPS Orthometric height, converted to MSL (Newlyn) by OSGM02.

Control

STN	East	North	Level	Type
STN04	306141.401	203840.260	148.103	Nail
STN05	306174.114	203867.013	147.893	Nail
STN06	306150.005	203892.152	148.058	Nail
WM1	306212.916	203760.068	145.683	Nail
WM2	306203.509	203783.632	145.809	Nail
WM3	306184.502	203815.301	145.825	Nail
WM4	306152.963	203798.184	145.825	Nail

** Note **
A range of Electromagnetic location (EML) and Ground Probing Radar (GPR) detection methods are used to obtain the underground information produced in this drawing. Variations in the ground conditions will affect the quality of the data and therefore an absolute affirmation cannot be guaranteed.

The identification of any located service should not be treated as infallible. The originating source may not have been traced.

The location and/or identification of a service will not necessarily indicate whether it is live or dead or identify whether it is a single or multiple service where one or more services may be situated above, below or in close proximity of the indicated line.

All depths of metallic features are to centre of the service, depths on drainage runs are to the pipe invert at the manhole and should be treated as an approximate indication.

Underground drainage has been proven for position using traceable sonde methods, unless otherwise stated. No allowance has been made for sub surface entry into manholes or other chambers or voids below ground level, therefore any details relating to depths, sizes etc, are taken from above ground and as such will be approximate only.

Features not traceable by electromagnetic or sonde techniques, have been located using GPR. Scan boxes indicate locations of recorded progressive GPR scans. Features identified in other areas by "Immediate Mark Out" methods only.

These results are not infallible and trial holes should be carried out to confirm service identification, position and particularly depths, where these are critical, in accordance with HSG47 : 2014 - "Avoiding Danger from Underground Services".

This drawing must be read in conjunction with all available statutory undertakers information. It is advised that such information should always be obtained.

Statutory Record Searches
Record drawings have been received from the following statutory undertakers and have been used for background information only, unless indicated otherwise on this drawing:

No Statutory Records provided.

Utilities Survey Boundary
ELEC — Power Carrying Feature
WATER — Water Main
GAS — Gas Main
Sewer Foul Water
RISING MAIN — Sewer Rising Main
Sewer Surface Water
Sewer Grey Water
TELCM — Telecom
TEL FO — Telecom (Fibre Optic Cable)
COMMS — Communications
CATV — Cable Television
CCTV — Closed Circuit Television
DUCT — Duct
DUCT EMPTY — Duct (Empty)
Traffic Signalling
GPR Detected Feature
? — Unknown Metallic Feature
PIPE — Pipe (use unknown)
Chamber
Taken From Records (Any Service)
DUCT EMPTY 1.20m — Depth to service (applicable to all types)
EoT — End of Trace
EoS — Extent of survey (service continues)
GPR Scan Box Area (with reference letter)

General

- Every effort is made to identify all visible above ground features. However, it should be borne in mind that at the time of survey, some surface features may have been obscured.
- Visible features in the vicinity of the site extents, as detailed on this survey, may not represent the legally conveyed ownership boundaries.

Legend

Top / Bottom of Bank
Building / Overhead Canopy
Wall
Solid Surface Feature / Road Edge
Hard / Soft Surface Change
Kerb / Dropped Kerb
Combined Kerb & Drainage System
Drainage Channel
Road Traffic Sensors
Fence Line -

BW	Barbed Wire	HR	Hand Rail	PR	Post & Rail
CB	Close Boarded	IR	Iron Railings	SB	Safety Barrier
ChNut	Chestnut	Mtl PR	Metal Post & Rail	SF	Security Fence
CL	Chain Link	OB	Open Boarded	TF	Temporary Fence
CP	Concrete Panel	PA	Paling Fence	WM	Wire Mesh
(D)	Dilapidated	PC	Post & Chain		

Hedge Line
Tree / Scrub Canopy Line
O/H Telephone / Electric Cable(s)
Rock Face
Pipe Line (Above Ground)
Bush
Tree-Deciduous
Tree-Evergreen

T.PIT 22.5 — Trial Pit (with level)
BH 26.5 — Borehole (with level)
Survey Station
10.1 — Spot Level
Woodland Area (Deciduous)
Gate
Level Datum
Woodland Area (Coniferous)
Electric Pylon
Marsh Land

Feature Abbreviations

ACU	Air Conditioning Unit	FH	Fire Hydrant	NP	Name Plate	SVP	Soil Vent Pipe
BB	Belisha Beacon	FP	Fence Post	PB	Post Box	TAP	Stand Pipe
BO	Bollard	FL	Flood Light	PM	Parking Meter	TCB	Telephone Box
BO(L)	Bollard (Lit)	G	Gully (with Level)	RBB	Rodent Bait Box	TEL	Telecom's Cover
BP	Boundary Post	GP	Gate Post	RE	Rodding Eye	TL	Traffic Light
BS	Bus Stop	GAS	Gas Cover	RS	Road Sign	TP	Telephone Pole
CATV	Cable TV Cover	JBox	Electric Junction Box	RS(L)	Road Sign (Lit)	TS	Traffic Signal Cover
CCTV	Close Circuit TV	LB	Lighting Beacon	RWP	Rain Water Pipe	VP	Vent Pipe
COL	Column	LBIN	Litter Bin	SNR	Sensor	WM	Water Meter
CP	Concrete Post	LP	Lamp Post	SP	Sign Post	WO	Wash Out
DWB	Dog Waste Bin	ME	Meter	SP(L)	Sign Post (Lit)	WV	Water Valve
EL	Electric Cover	MH	Manhole	SPDC	Speed Camera	Up/Lgt	Up Lighter
EP	Electricity Pole	MP	Marker Post	STAY	Cable Stay	UTL	Unable to Lift
ER	Earth Rod	MEP	Metal Post	SV	Stop Valve	Ø	Diameter

Description Abbreviations

Asmd Rt	Assumed Route	Flw Bd	Flower Bed	O/H	Overhead
BkDrp	Back Drop	FW	Foul Water	OSBM	Ordnance Survey Bench Mark
Bk	Brick	GTrp	Grease Trap		
BusStKb	Bus Stop Kerb	Ht	Height	RetWall	Retaining Wall
Bldg	Building	Hg	Hedge	Rd Edg	Road Edge
CDrnKbS	Combined Drainage & Kerb System	Intcpr	Interceptor	Spd Rtr	Speed Retarder
		Lvl	Level	St	Stone
Conc	Concrete	m	Metres	STN	Station
CPit	Catch Pit	mm	Millimetres	SW	Surface Water
DrpKB	Drop Kerb	MSL	Mean Sea Level	Tac	Tactile Paving
Drn Chnl	Drainage Channel	No.	Number	Tmc	Tarmac

Level Prefix

AL	Arch Level	RL	Roof / Ridge Level	ToS	Top of Steel Level	FFL	Finished Floor Level
CL	Cover Level	SL	Soffit Level	ToW	Top of Wall Level	1st.FFL	1st Finished Floor Level
DPC	Damp Proof Course	SprL	Springing Level	SILL	Sill Level		
EL	Eaves Level	TL	Threshold Level	WL	Water Level (inc.date & Time)		
IL	Invert Level	ToC	Top of Concrete Level				
PL	Parapet Level	ToP	Top of Pipe Level				

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Original Size A0

No.	Description	Date	Signed

Revisions

Drawing Status
FINAL

Surveyed WM	Date 16.01.19	Scale 1:200
Drawn WM	Sheet 1 of 1	Approved AF

Client Whitbread Group Plc

Title Topographical & Utilities Survey

Project Premier Inn Merthyr Tydfil
Duffryn Road, Pentrebach
Glamorgan

Drawing No. 4520/10/001
Rev. -

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