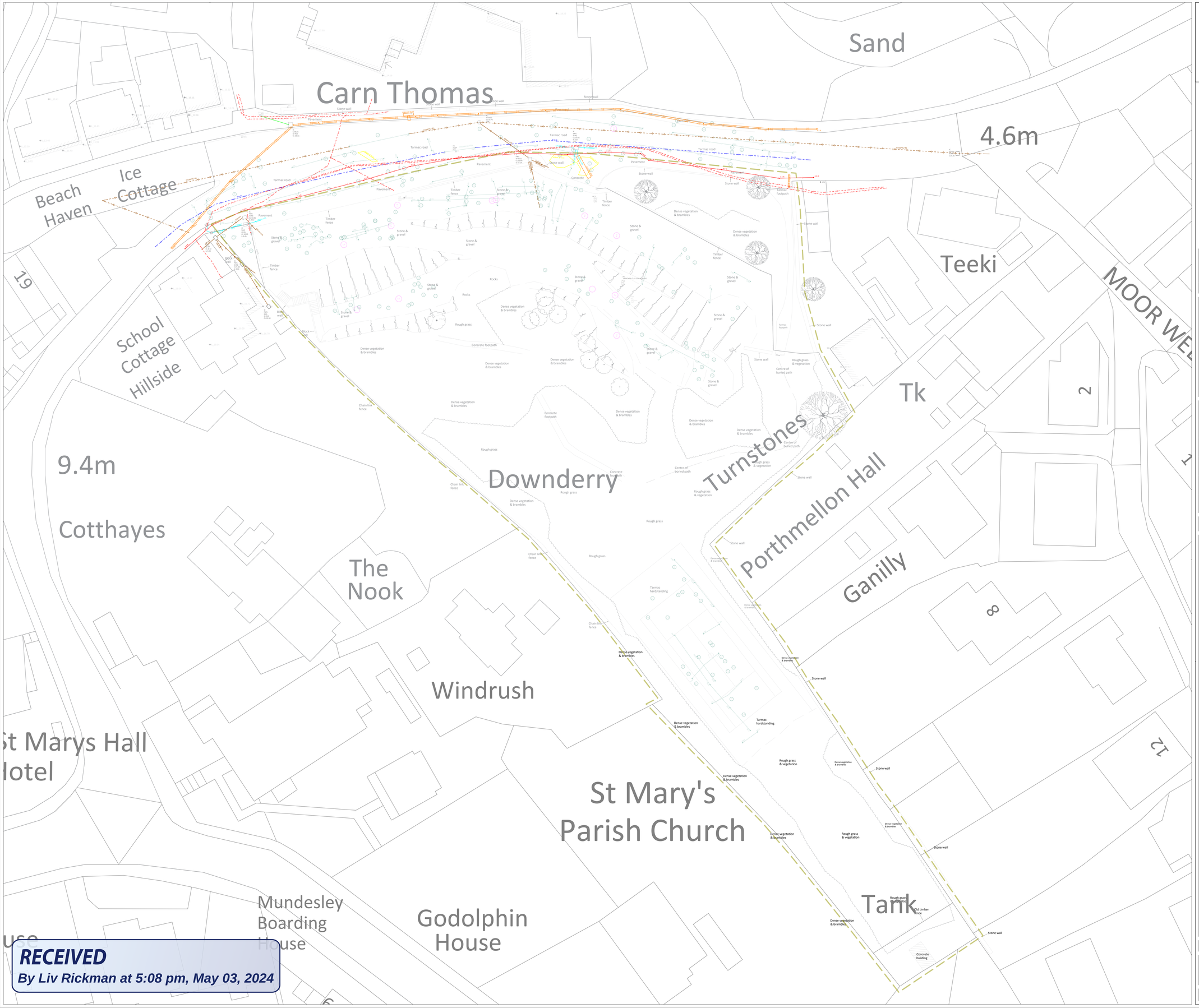

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Horizontal Datum: Provided By Client
Vertical Datum: Provided By Client
Units: Meters

N
GRID

Subsurface Asset Mapping

00884_Carn Thomas_Isles of Scilly

Sheet 1 of 1

Scale
1:200

0 5 10 15 20
metres

Drawing Reference: 00884_SAM_1of1	**File Name:** 00884_0
Revision No: 0	**Drawn by:** RMi, CGa
Date Drawn: 11/10/2022	**Reviewed by:** ALa
Description of Issue:	**Approved by:** ALa

Standard notes for consideration when reviewing Subsurface Asset Mapping drawings

1. Horizontal accuracy of each service is +/- 0.3m
2. For cartographic reasons multiple ducts may be displayed as a single line - this should be considered the central horizontal position
3. Depths derived from EML techniques are to centre of service
4. Depths derived from RADAR techniques are to crest of service or in some instances to the top of the back-fill of the trench
5. Dimensions, material types and service providers of buried utilities are taken from statutory plans, where available
6. Every effort has been made to locate street lamp power and domestic / commercial service supplies, however, due to the size, material and relative conductivity of these feeds, not all will be mapped
7. Please note the following services may be excluded from this survey: Pot ended cables, drainage lines without radio-sonde access, abandoned services, inaccessible services
8. Sizes and material types of sewers are estimates only, based on observations made at each inspection cover
9. Manhole entry / trial hole ground truthing is recommended where position is critical to design and subsequent works
10. Only data shown within the survey boundary should be considered a complete data-set. Data shown outside of the survey area is for contextual purposes only
11. Earth Matting is not traced as part of the asset mapping exercise
12. Obstructions and ground conditions limit the coverage of the ground penetrating radar - please refer to layer - Geophysical_GPR_Survey Extents
13. **NOTE:** The data supplied does not remove or reduce the responsibilities of site personnel when working near underground services. Site personnel should refer to the New Roads and Street Works Act 1991, including Chapter 5 - Safe Digging Practices (reproduced from Appendix 7 to HSE Publication HS (G) 47 - Avoiding Danger from Underground Services) for further information.

Service	Owner	Document Reference	Date Checked
Sewer	South West Water	00884_SWW_Sewer	28/09/2022
Water	South West Water	00884_SWW_Water	28/09/2022
Telecoms	Open Reach	RNX02295H	28/09/2022
Gas	NA	NA	28/09/2022
Electricity	National Grid	27073287_NGED_South West	28/09/2022

Legend

Abbreviations

IC	Inspection Cover
UTL	Unable to Locate
UTR	Unable to Raise
CL	Cover Level
IL	Invert Level
RGL	Below Ground Level
WL	Water Level
SFL	Soffit Level
G	Gully
RWP	Rain Water Pipe
FWP	Foul Waste Pipe
RE	Rodding Eye
VP	Vent Pipe
SOL	Start of Line
HD	Highway Drain
EOT	End of Trace
UTT	Unable to Trace
UTS	Unable to Sonde
LOS	Limit of Sonde
GSV	Gas Valve
GM	Gas Meter
GR	Gas Riser
CR	Cable Riser
TPO	Telegraph Pole
TIL	Traffic Induction Loop
TL	Traffic Light
TSC	Traffic Signal Cable
SL	Street Lamp
CAB	Cabinet
E-MKR	Electricity Marker
ER	Earth Rod
AV	Air Valve
WST	Stop Tap
WSV	Sluice Valve
WM	Water Meter
WO	Wash Out
FH	Fire Hydrant
WAV	Water Air Valve
PLM	Pipeline Marker
CAB	Street Cabinet
TH	Trial Hole
GPR	Ground Penetrating Radar
EML	Electro Magnetic Location
CI	Cast Iron
ST	Steel
PE	Polyethylene
SI	Spun Iron
ST	Steel
DI	Ductile Iron
AC	Asbestos Cement
PVC	Polyvinyl Chloride
uPVC	Unplasticised PVC
CO	Concrete
VC	Vitrified Clay
MDPE	Medium Density Polyethylene
BR	Brick
PV	Polyvinyl
AK	Alkathene
HP	High Pressure
MP	Medium Pressure
IP	Intermediate Pressure

Linetype Information

- Electricity
- Telecoms
- Gas
- Cable Television
- Traffic Signal
- Closed Circuit Television
- Water
- Unidentified from EML Survey
- Fibre Optic
- Rising Main Sewer
- Surface/Foul Water Sewer Alignment derived by known connectivity - actual route may deviate from that shown, unless depths present
- Unidentified Linear Feature from GPR
- Limit of Survey
- Misc Cables
- Empty Duct
- Duct (Layer Dictates Service)

Key to Underground Infrastructure Line Style and depth determination (based on electricity example)

- Position derived from EML/GPR trace (good confidence)
- Position derived from combination statutory service records or other source and/or GPR/EML trace (moderate confidence)
- Position derived from statutory records or other source (low confidence) Depths may be included where coincident
- Approximate depth derived by EML Survey
- Approximate depth derived from trial hole
- Approximate depth derived from Radio Sonde(horizontal depth +/-I-sewer/duct)
- Approximate depth derived from GPR Survey

Key to Features identified in GPR Survey - Approximate depth in metres to top of feature

- Void
- Rebar
- Buried Surface
- Trench
- Major single anomaly
  Minor single anomaly
- Subsurface Feature
  No depth: +0.1m deep
- Live Marked GPR Extents

Surveyed by: JWa, RMi

Date: 5/10/2022

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