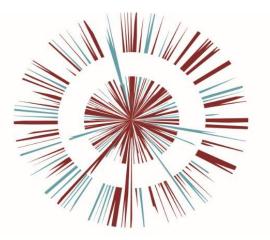


## **OMEGA ZONE 8, ST HELENS** Omega St Helens Ltd / T. J. Morris Limited



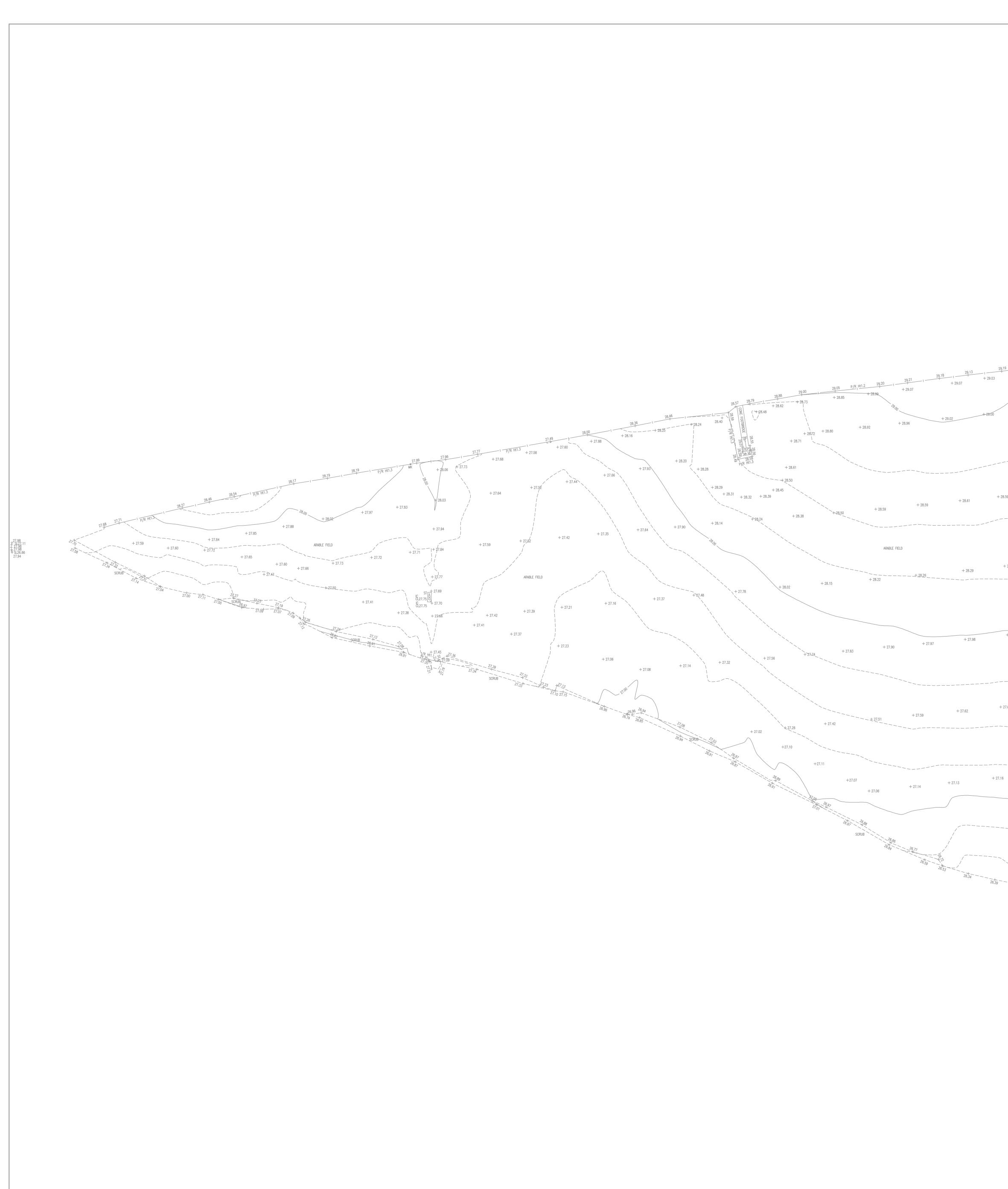
Flood Risk Assessment Appendix A OPP DOC. 1.2

## **Appendix A**

## **TOPOGRAPHIC SURVEY**

**SD** 

112

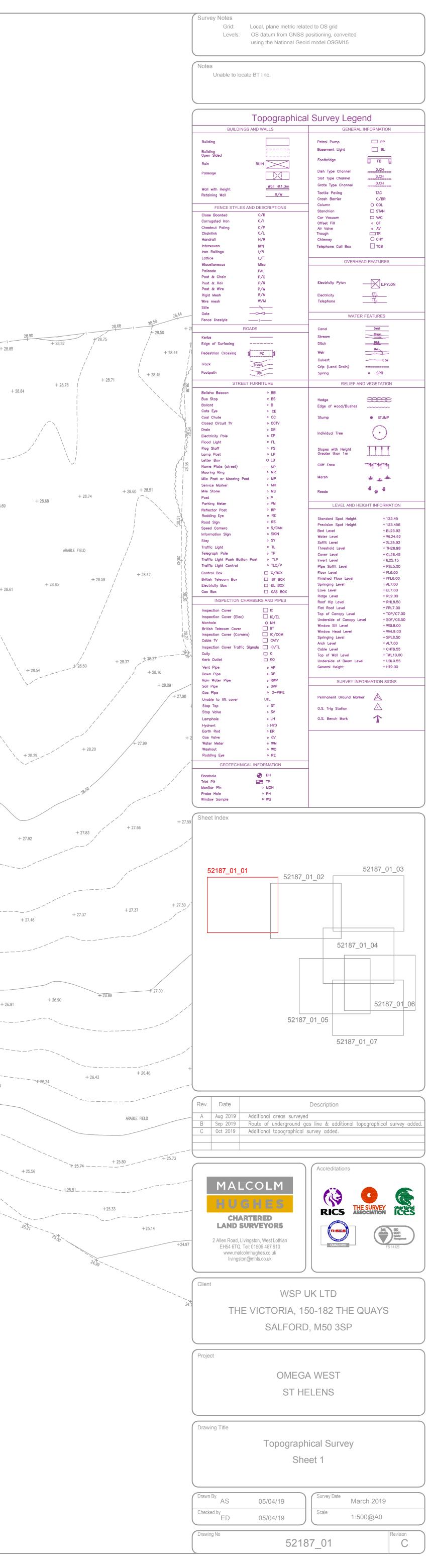


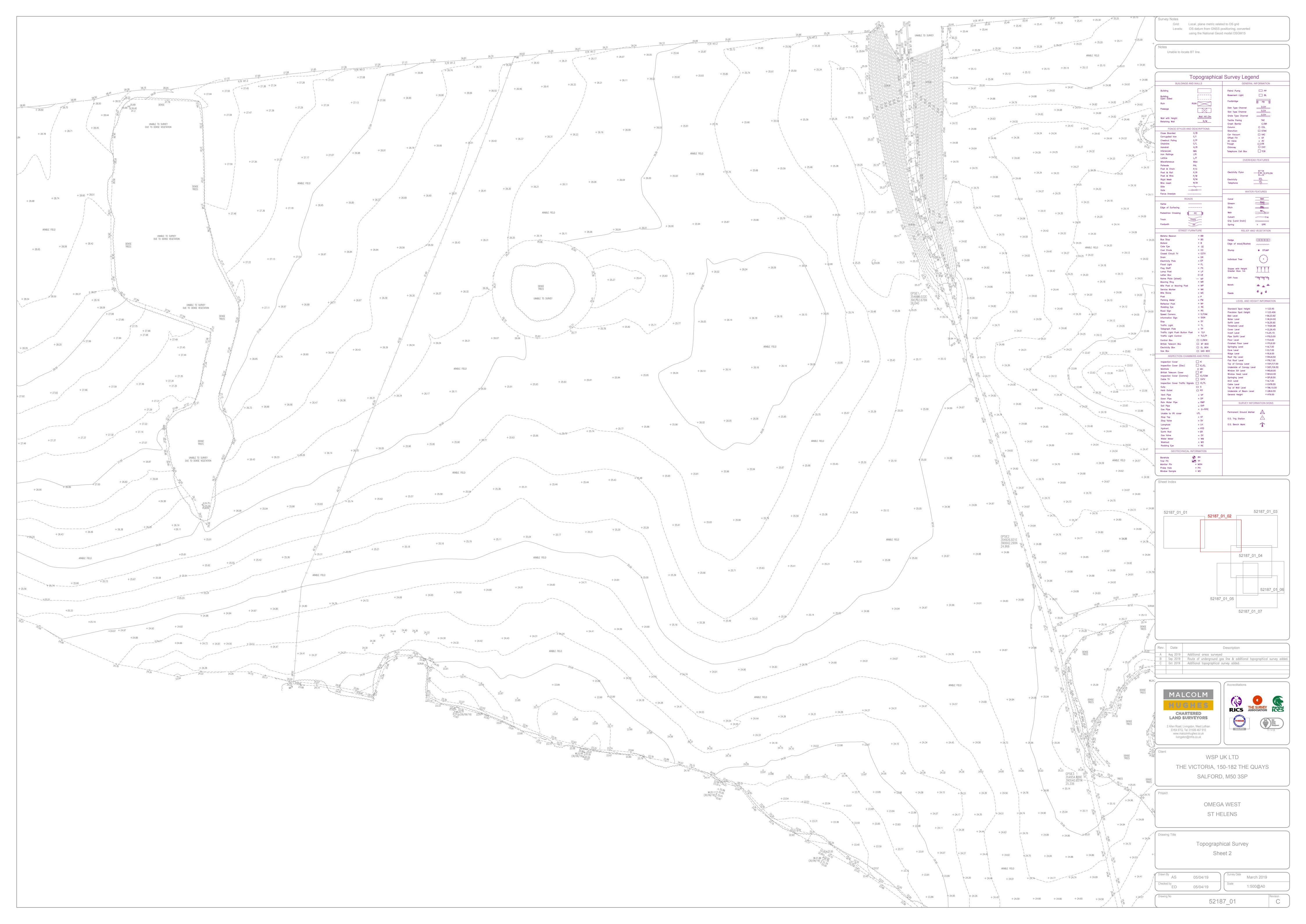
## + 28.77+ 28.84 +28.91ARABLE FIELD + 28.68 + 28.73 + 28.72 + 28.40 + 28.34 + 28.4 + 28.30 + 28.10 +28.19- 28:25- - - - -+ 28.20 + 28.18 + 28.06 ARABLE FIELD + 28.10 + 27.89 + 27.88 + 27.89 + 27.86 +27.66ARABLE FIELD + 27.83 ARABLE FIELD +27.35+ 27.42 ARABLE FIELD + 26.14

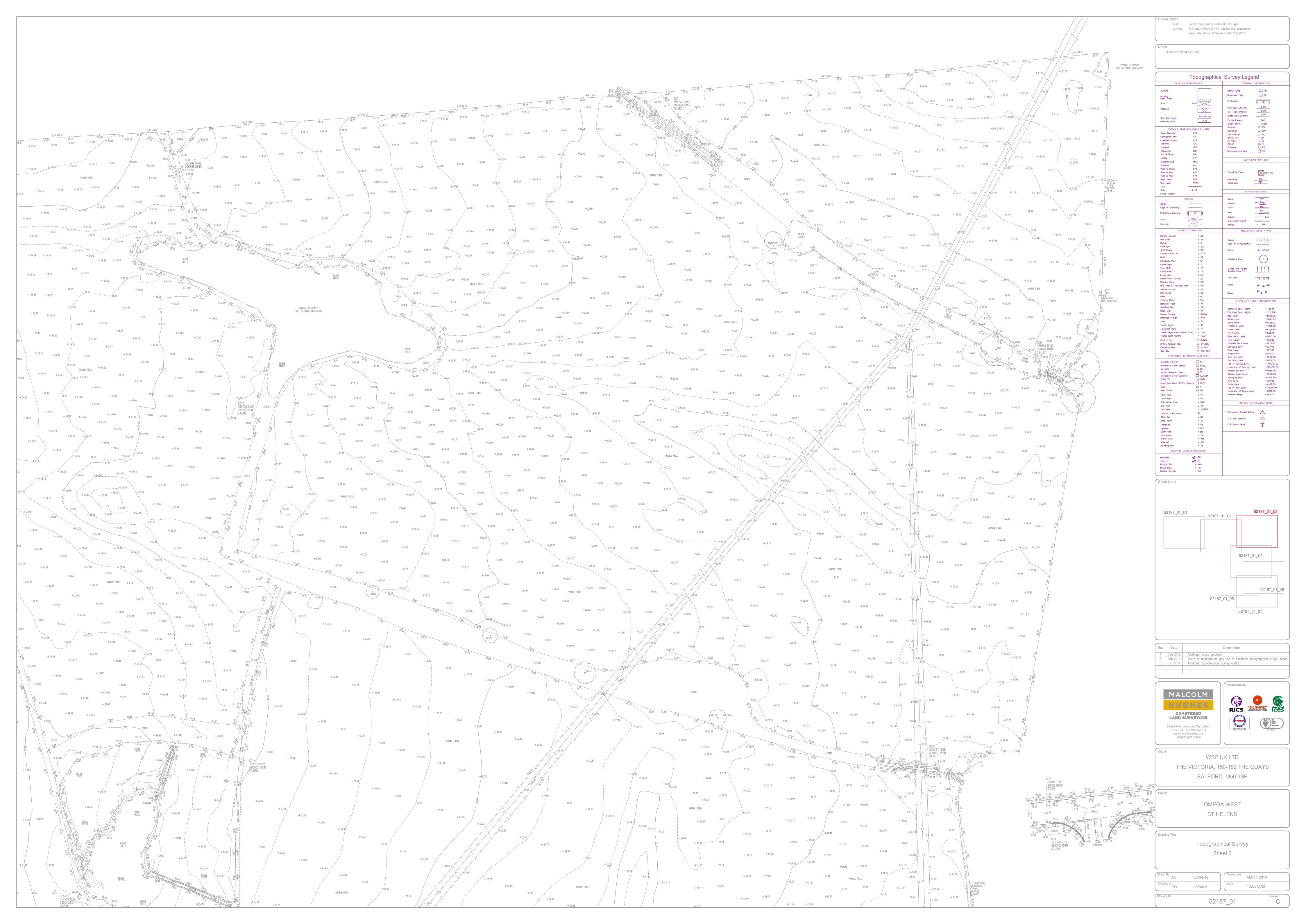
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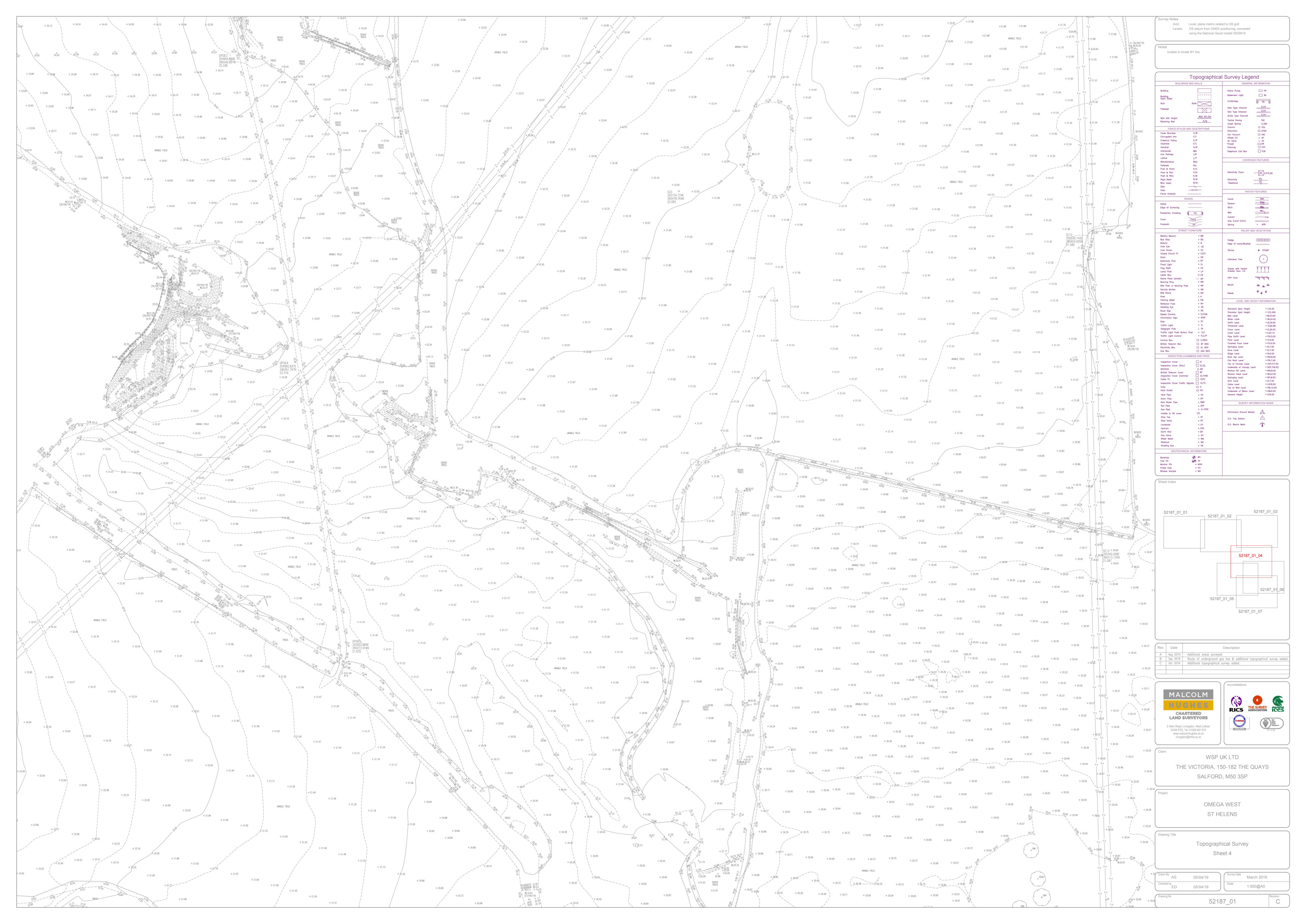
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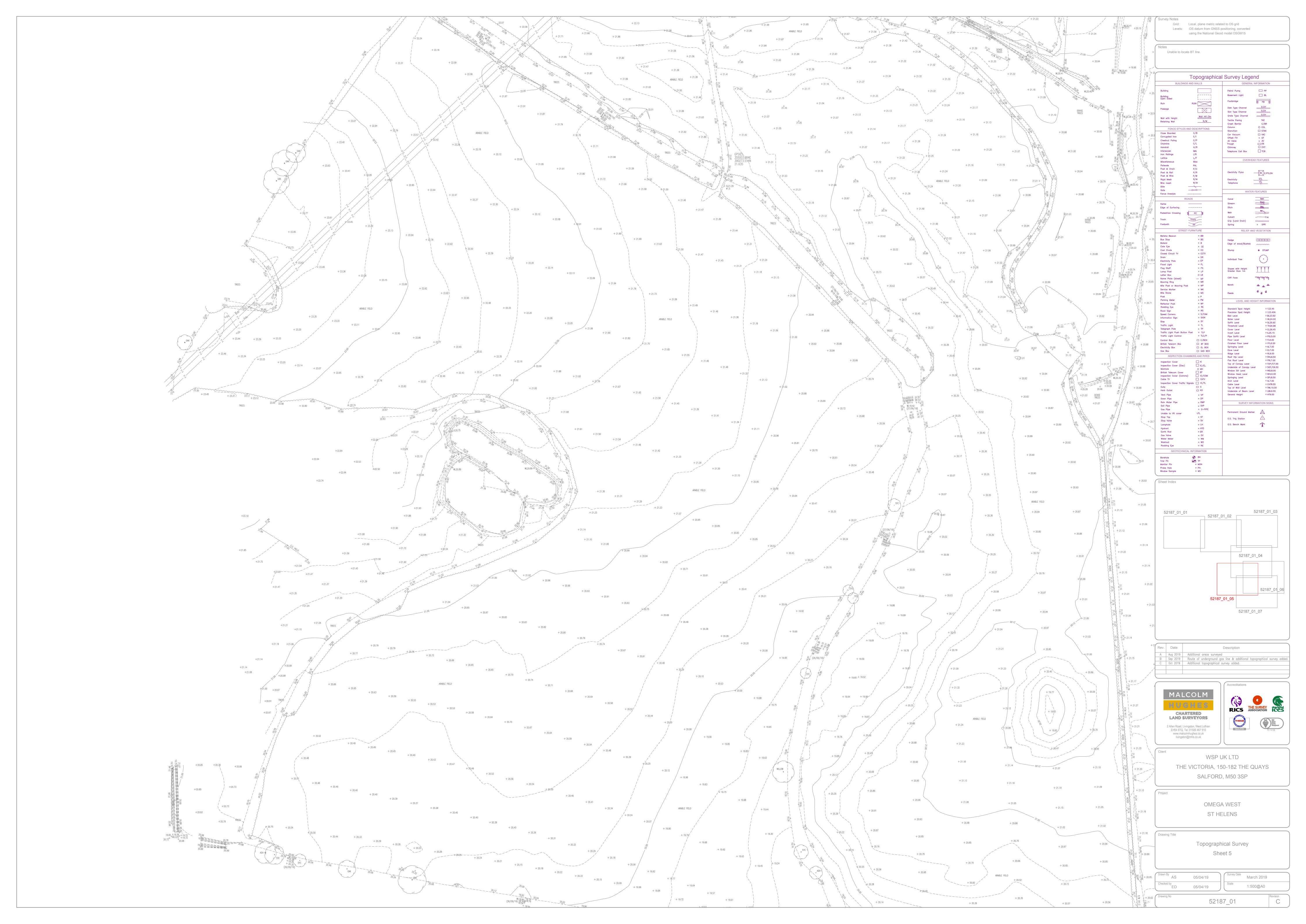
24.97

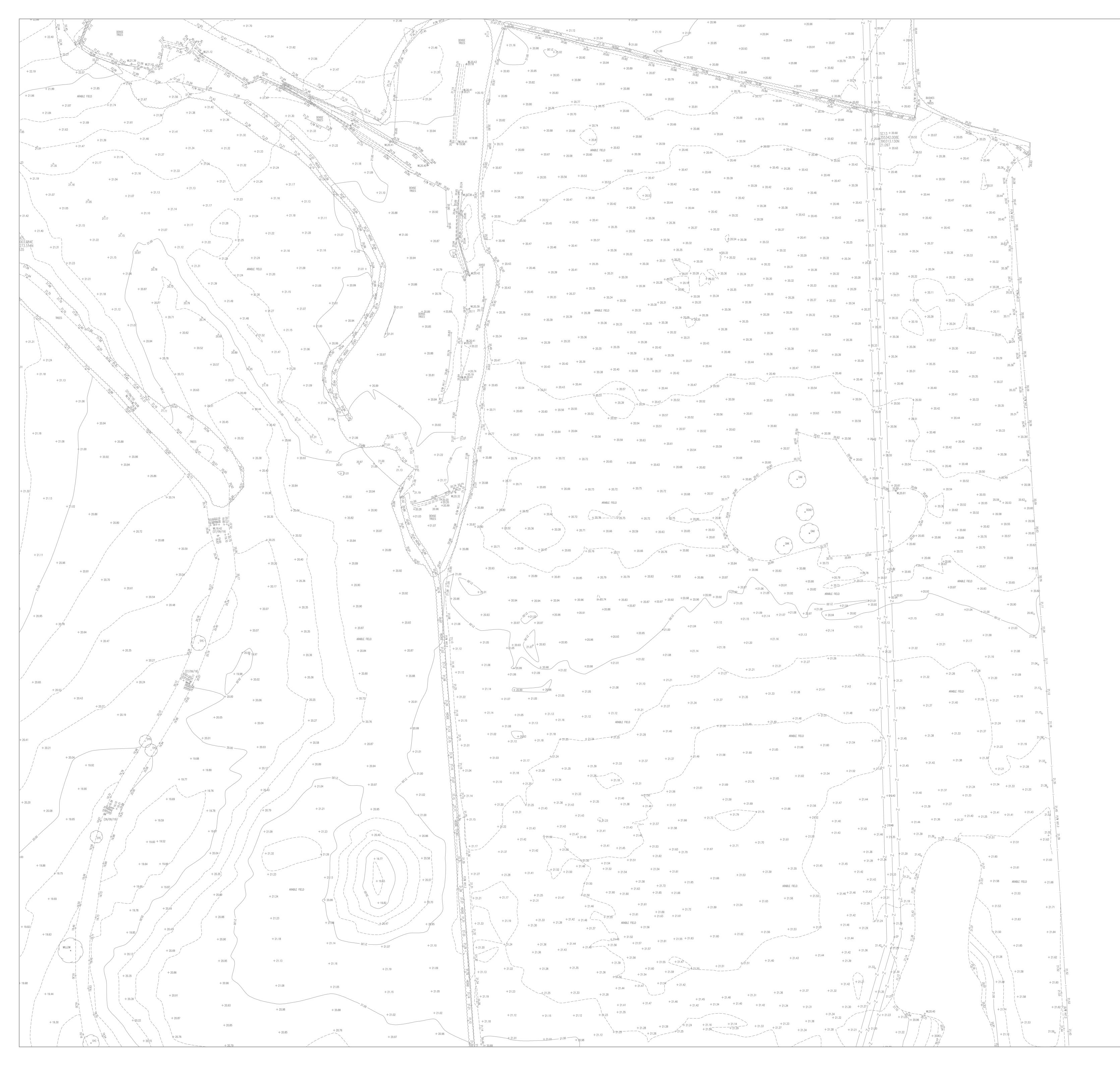




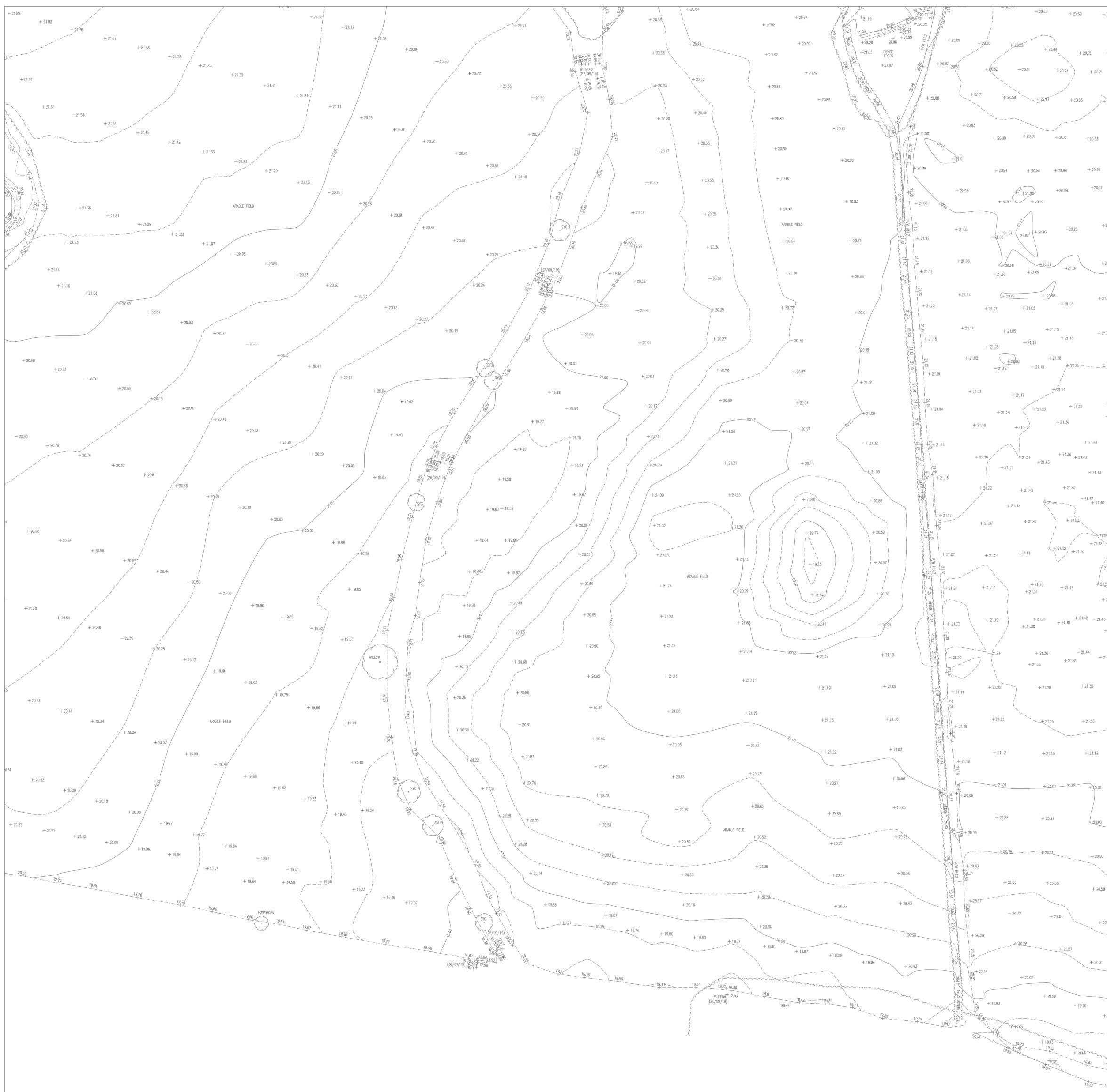








Survey Notes         Grid:       Local, plane metric related to OS grid         Levels:       OS datum from GNSS positioning, converted         unique the National Coefficient Coefficient	
Unable to locate BT line.	
Topographical Survey Legend	
BUILDINGS AND WALLS         Building	GENERAL INFORMATION         Petrol Pump       PP         Basement Light       BL         Footbridge       FB         Dish Type Channel       D.CH
Interwoven IWN Iron Railings I/R Lattice L/F Miscellaneous Misc Palisade PAL Post & Chain P/C Post & Rail P/R Post & Wire P/W Rigid Mesh R/M Wire mesh W/M Stile Gate I Fence linestyle I ROADS	Telephone Call Box     TCB       OVERHEAD FEATURES       Electricity Pylon       Electricity       Telephone       TIL       WATER FEATURES       Canal
Kerbs Edge of Surfacing Pedestrian Crossing Track Footpath FP	Stream Stream Ditch Weir Weir Culvert Culvert Culvert Spring o SPR
STREET FURNITURE       Belisha Beacon     BB       Bus Stop     BS       Bollard     B       Cats Eye     • CE       Coal Chute     • CC       Closed Circuit TV     • CCTV       Drain     • DR       Electricity Pole     • EP       Flood Light     • FL       Flood Light     • FS       Lamp Post     • LP       Letter Box     • LB       Name Plate (street)     — NP       Mooring Ring     • MK       Mile Post or Mooring Post     • MK       Mile Stone     • MS       Post     • P       Parking Meter     • PM       Redictor Post     • RP       Rodding Eye     • RE       Road Sign     • SS       Stay     • SY'       Traffic Light     • TL       Telegraph Pole     • TP       Traffic Light Push Button Post     • TLP       Traffic Light Post     • C/BOX       British Telecom Box     EBT BOX       Electricity Box     EL BOX       Gas Box     GAS BOX       INSPECTION CHAMBERS AND PIPES       Inspection Cover (Elec)     IC/C/EL       Monhole     • MH       British Telecom Box     BT	RELIEF AND VEGETATION         Hedge       Image: Colspan="2">Colspan="2"         Colspan="2">Colspan="2">Colspan="2"         Colspan="2">Colspan="2"         Colspan="2"       + FIL5:00         Floor Level       + FIL5:00         Floor Level       + FIL5:00         Floor Level       + FIL5:00         Floor Level       + FIL5:00         Roof Hip Level       + FIL5:00         Flat Roof Level       + WHL9:00         Springing Level       + SPL5:50
Sheet Index	
Rev.     Date     Description       A     Aug 2019     Additional areas surveyed       B     Sep 2019     Route of underground gas line & additional topographical survey added.       C     Oct 2019     Additional topographical survey added.	
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Client WSP UK LTD THE VICTORIA, 150-182 THE QUAYS SALFORD, M50 3SP	
Project OMEGA WEST ST HELENS	
Drawing Title Topographical Survey Sheet 6	
Drawn By AS         05/04/19         Survey Date         March 2019           Checked by ED         05/04/19         Scale         1:500@A0           Drawing No         52187_01         Revision C	



+ 20.73 + 20.72 +20.76 - -ARABLE FIELD 1.35 + 21.21+ 21.48 + 21.50 - - - - + 21.49 - - - -+ 21.49 \_ - - - -+ 21.40 +21.29ARABLE FIELI + 21.43+ 21.46 + 21.46 19.43 I P/W Httl.2 19.35 19.26 19.24 19.36 WL17.43<sup>+17.37</sup> (30/09/19)<sup>+</sup>17.40 +18.77 + 19.38 + 19.19 - - -SC15 355341.932E 389846.809N + 19.15 + 19.07 + 19.32(30/09/19) + 16.71 TREES 19.13 WL16.71 + 16.81 J8.10 `\_\_\_\_ + 18.90 + 18.85



