

183700 E

183800 E

183900 E

43200 N

43200 N

43100 N

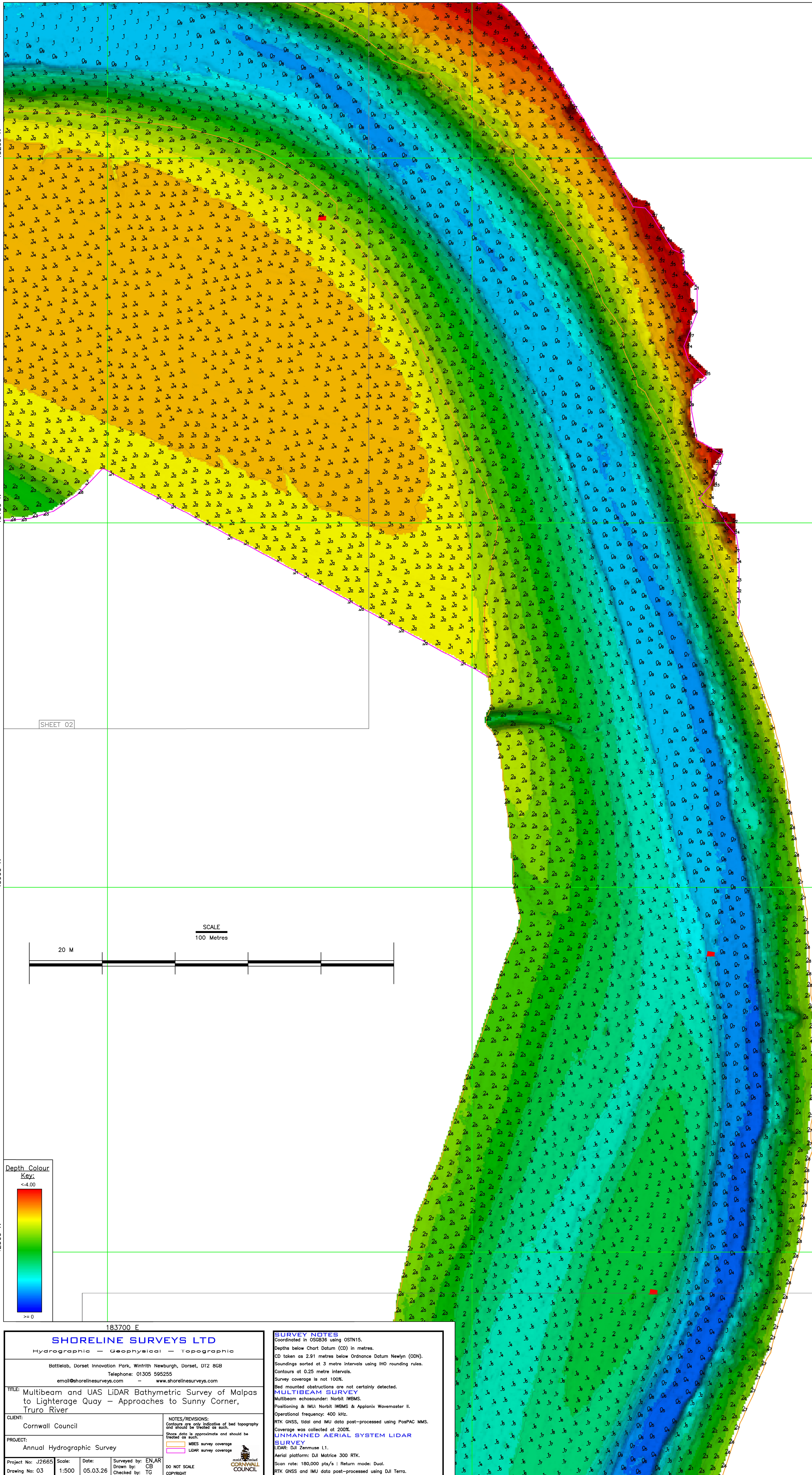
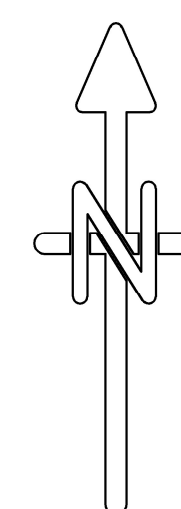
43100 N

43000 N

43000 N

42900 N

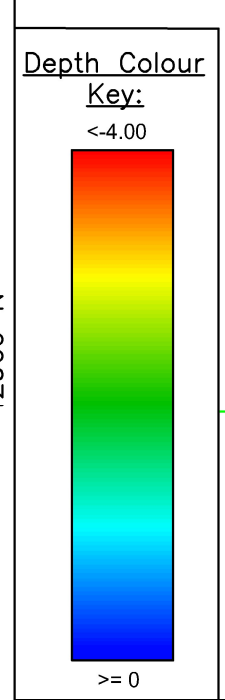
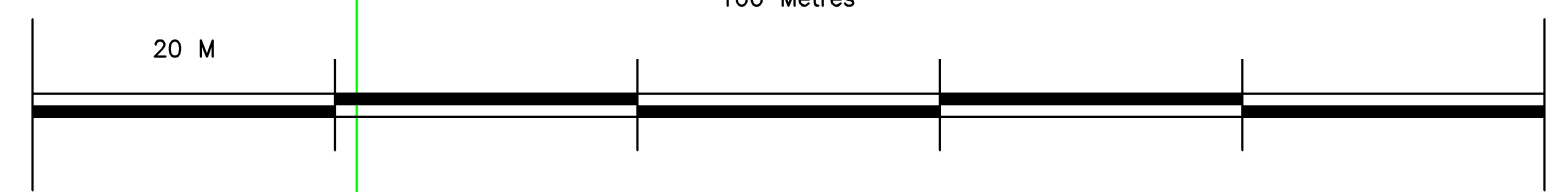
42900 N



SHEET 02

SHEET 04

SCALE
100 Metres



SHORELINE SURVEYS LTD
Hydrographic - Geophysical - Topographic

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TITLE: Multibeam and UAS LiDAR Bathymetric Survey of Malpas to Lighterage Quay - Approaches to Sunny Corner, Truro River

CLIENT: Cornwall Council

PROJECT: Annual Hydrographic Survey

Project No: J2665 Scale: 1:500 Date: 05.03.26
Drawing No: 03 Surveyed by: ENAR Drawn by: CB Checked by: TG

NOTES/REVISIONS:
Contours are only indicative of bed topography and should be treated as such.
Shore data is approximate and should be treated as such.
MBS survey coverage
LiDAR survey coverage

CORNWALL COUNCIL

SURVEY NOTES
Coordinated in OSGB36 using OSTN15.
Depths below Chart Datum (CD) in metres.
CD taken as 2.91 metres below Ordnance Datum Newlyn (ODN).
Soundings sorted at 3 metre intervals using IHO rounding rules.
Contours at 0.25 metre intervals.
Survey coverage is not 100%.
Bed mounted obstructions are not certainly detected.

MULTIBEAM SURVEY
Multibeam echosounder: Norbit TWBMS.
Positioning & IMU: Norbit WBMS & Applanix Wavemaster II.
Operational frequency: 400 kHz.
RTK GNSS, tidal and IMU data post-processed using PostPAC MMS.
Coverage was collected at 200%.
UNMANNED AERIAL SYSTEM LIDAR SURVEY
LiDAR: DJI Zenmuse L1.
Aerial platform: DJI Matrice 300 RTK.
Scan rate: 180,000 pts/s | Return mode: Dual.
RTK GNSS and IMU data post-processed using DJI Terra.

183800 E

183900 E