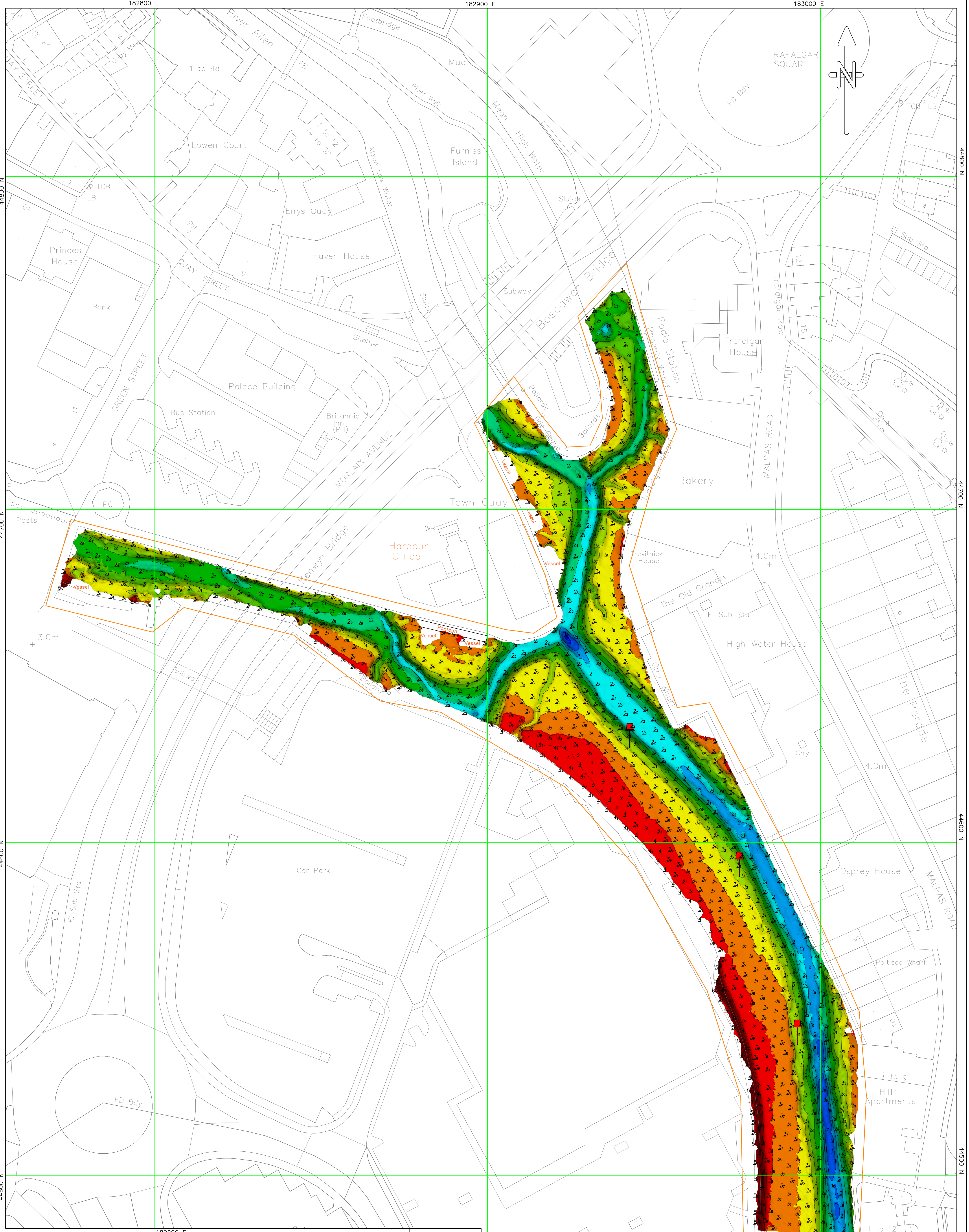




SHORELINE SURVEYS LTD
Hydrographic — Geophysical — Topographic

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TITLE:
Multibeam Bathymetric and UAS LiDAR Survey of
Truro River, Truro Harbour Office

CLIENT:
Cornwall Council

PROJECT:
Check Survey

Project No: J2435
Drawing No: 03

Scale:
1:500

Date:
16.09.24

Surveyed by: TG, MF
Drawn by: CB, SHB
Checked by: TG

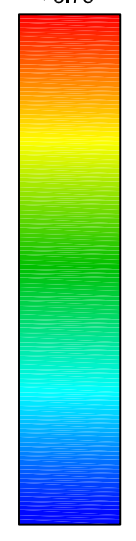
NOTES/REVISIONS:
Contours are only indicative of bed topography
and should be treated as such.
Pontoons and piles positioned via LiDAR survey
conducted on 10.09.24.
Shore data is client supplied.

 Survey extents



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 2 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 WBMS.
Positioning & IMU: Norbit WBMS & Applanix Wavemaster II.
Operational frequency: 400kHz.
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.
For further information please refer to the supplied metadata.

Depth Colour Key:



<-3.75
=>-1.50

SCALE
100 Metres



20 M