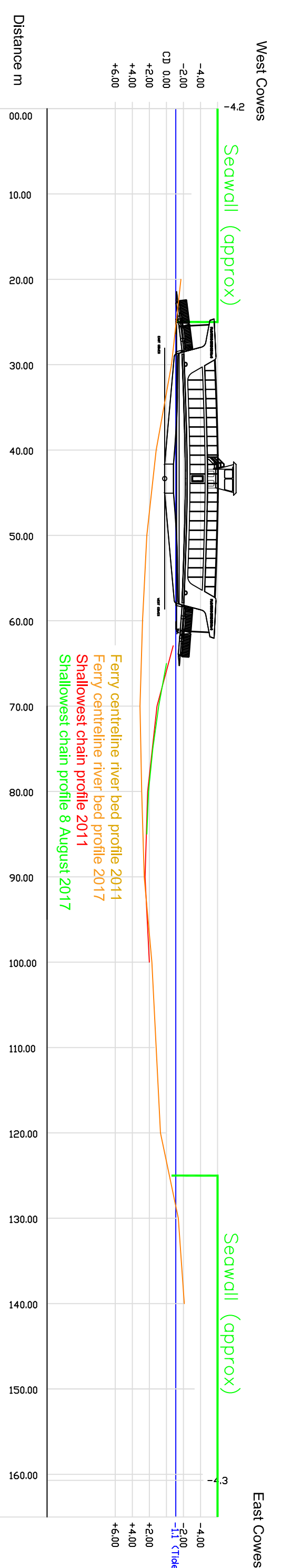


8th August 2017 Low Tide (~1.1m ACD)
Ferry at West Coves

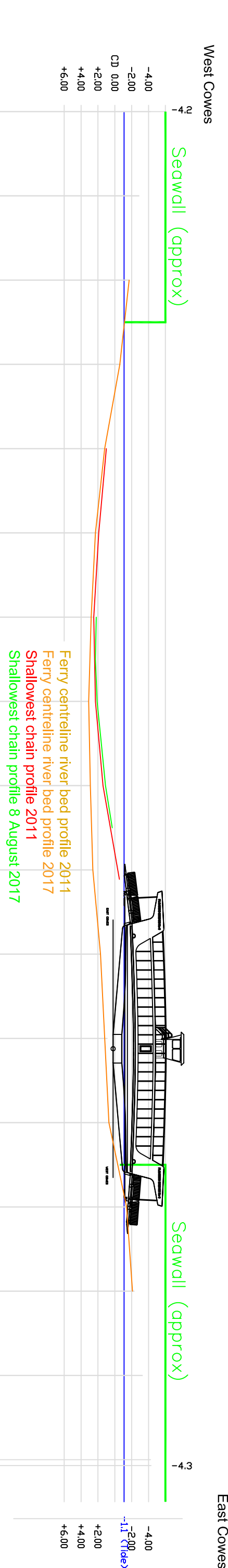
Chain Ferry at West Coves.
Observed Chain Levels - least depths shown.
Low Tide 8th August 2017
All levels shown are related to CHART Datum which is 2.59m below Ordnance Datum



Zero distance origin is the West shackle point of the South chain.
Vertical Scale : 1: 500
Horizontal Scale : 1: 500

Coordinates of Section Zero point:

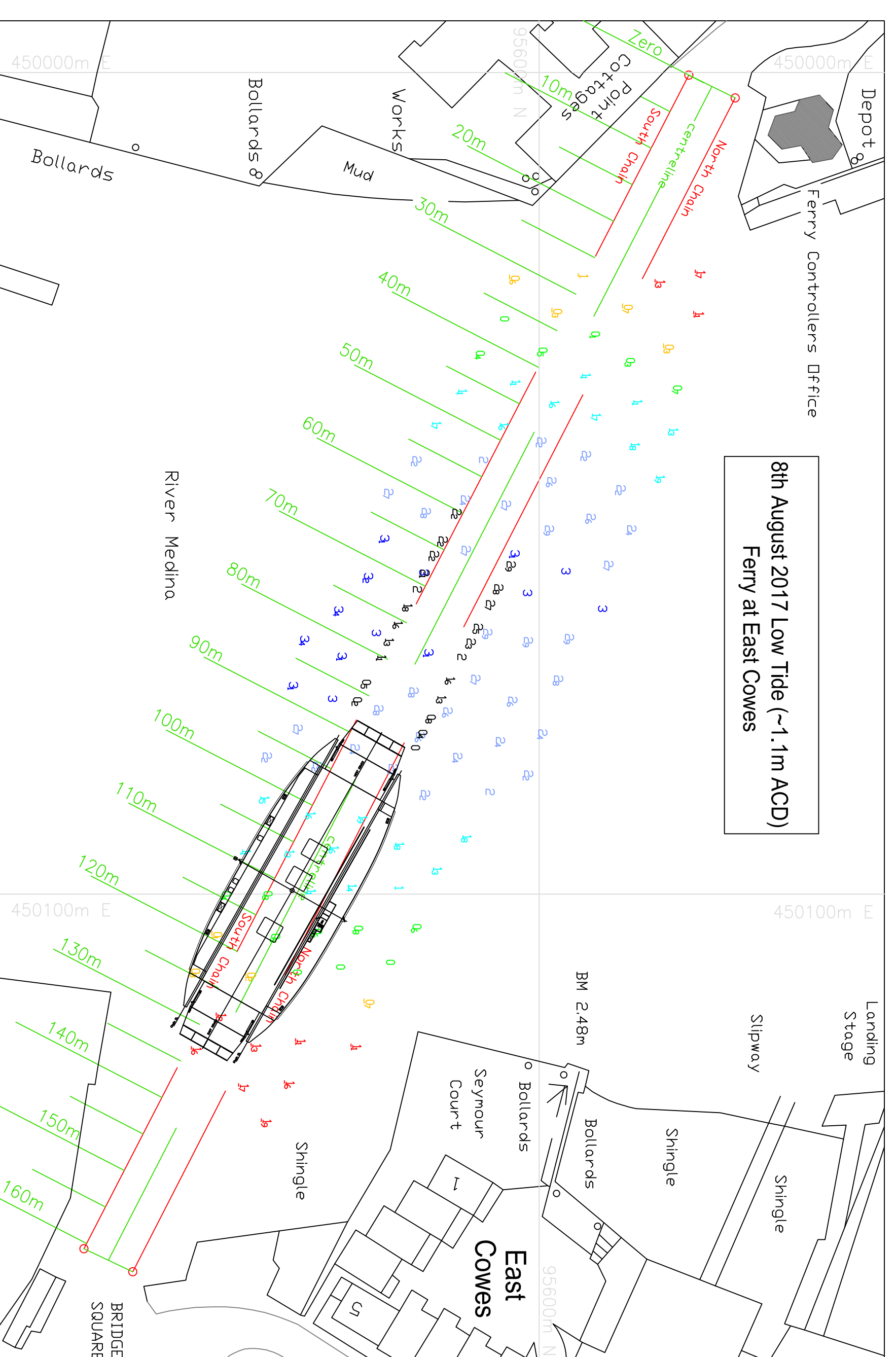
E 450000.50 N 95618.60



Zero distance origin is the West shackle point of the South chain.
Vertical Scale : 1: 500
Horizontal Scale : 1: 500

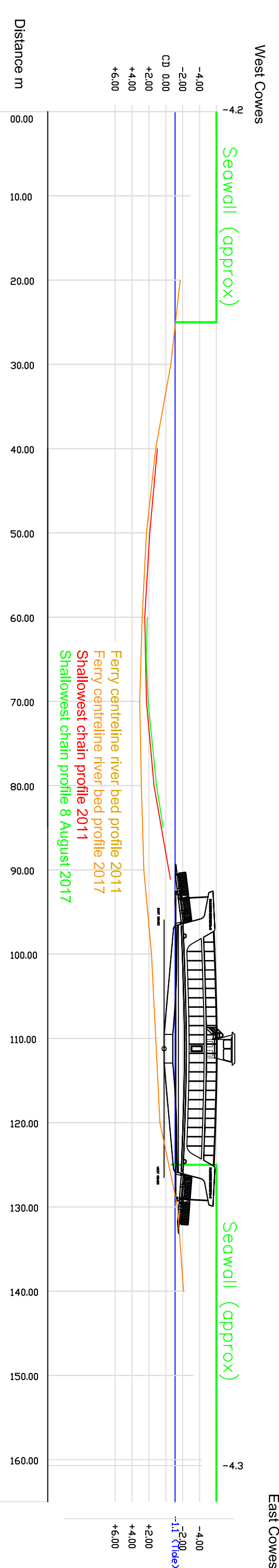
Coordinates of Section Zero point:

E 450000.50 N 95618.60



8th August 2017 Low Tide (~1.1m ACD)
Ferry at East Coves

Chain Ferry at East Coves.
Observed Chain Levels - least depths shown.
Low Tide 8th August 2017
All levels shown are related to CHART Datum which is 2.59m below Ordnance Datum



Zero distance origin is the West shackle point of the South chain.
Vertical Scale : 1: 500
Horizontal Scale : 1: 500

Coordinates of Section Zero point:

E 450000.50 N 95618.60

SHORELINE SURVEYS LTD
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TITLE: Bathymetric Survey of Coves Chain Ferry Catenary:
Low Tide Observations

CLIENT: Coves Harbour Commissioners

PROJECT: Hydrographic Check Surveys

NOTES/REVISIONS:
Shore data and ferry plan supplied by client
Ferry position and orientation is approximate

Project No: J1318 Scale: Date: Surveyed by: EFLIE
Drawing No: 4_03 1:500 08.08.17 Drawn by: EFLIE
Checked by: EFLIE DO NOT SCALE

MULTIBEAM BATHYMETRIC CATENARY SURVEY
Coordinated in OSN15
Depths below Chart Datum (CD)
CD taken as 2.59 metres below ODN
Tidal data recorded on site via RTK GPS
Positioning system: Applanix Move Master 2
Multibeam was used to determine the catenary depths and seabed levels
RTK Reference: Corrections via Trimble VRSNOW
b Chain heights relative to CD