

LEGEND:

GENERAL:

- UTM GRID INTERSECTION (WGS84)
- GEOGRAPHICAL GRID INTERSECTION (WGS 84)
- KILOMETRE POST
- MATCH LINE
- TOE LINE OF CHANNEL

Section A-B Maintained level : 15.60m (Without Tides)

BATHYMETRY

WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "THE QUEEN"
 - POSITION FIXING WAS CONTROLLED BY SATELLITE AREA POSITIONING SYSTEM
 - KONGBERG EMOLOG MULTIBEAM BATHYMETRY WAS EMPLOYED TO CARRY OUT MMS SURVEY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT ANA LANDING JETTY, BPX AND BUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - BENCH MARK AT ANA LANDING JETTY (BOLLARD) IS 37.5m ABOVE CHART DATUM. BPX = 67m, Bunk Rock = 5.780m.
 - SECTION SENSOR OCTANES WAS USED TO COMPENSATE SEA SWELL.
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN CAD DRAWING.
 - ALL POINTS SURVEYED ARE JOINTLY CARRIED OUT BETWEEN - JNPA, NTPCW (IITM, IOI, & IOP).
 - ALL PLOTTED DATA IN 10m x 10m GRID SIZE.

GEOIDETIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM : WGS84

GEOIDETIC DATUM : WGS84

ELLIPSOID : WGS84

Sea level mark : 8730137.000 m

Mean sea level : 8556272.314 m

Inverse flattening : 298.2572236

PROJECTION : Universal Transverse Mercator

Central Meridian (CM) : 75° E (Zone 49)

Latitude of Origin (LO) : 0°

False Northing : 0 m

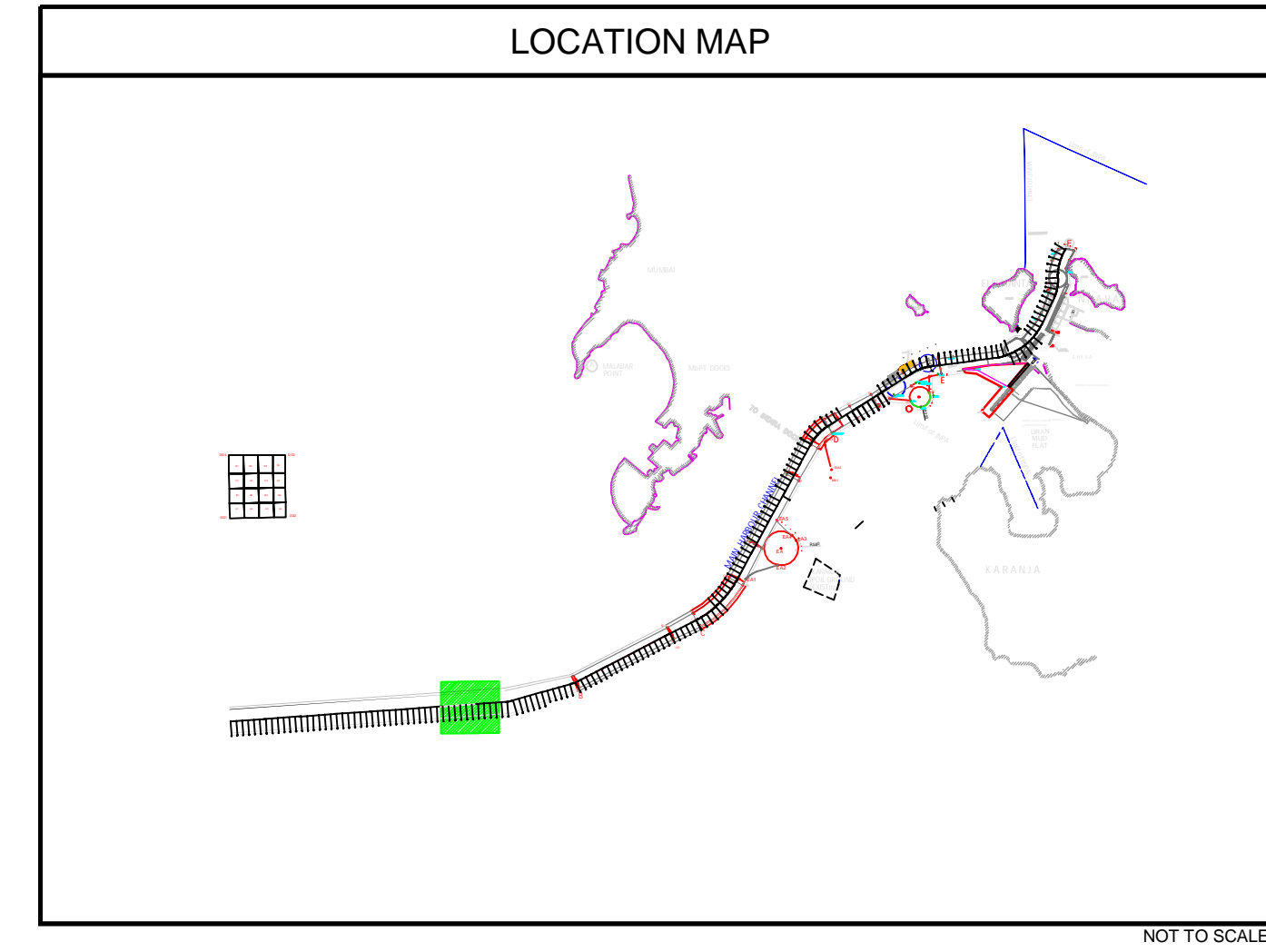
False Easting : 0 m

Scale factor at CM : 0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

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CLIENT

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PROJECT

JOINT POST SURVEY MAR-2024

MULTI-BEAM BATHYMETRY SURVEYS

IN NAVIGATIONAL AREA OF JN PORT

NAVI MUMBAI & MUMBAI PORT CHANNEL

WEST COAST OF INDIA

FY 2023-24

BATHYMETRY CHART (SECTION A-B)

CHANGAGE 07 200 - 09 000

SCALE

HORIZONTAL SCALE 1 : 2000

Version: ME_QUEEN **Survey Date:** 21/02/2024 **Authorized Signature:**

Rev. No. Date Description

0 21-Mar-2024 Issued For Approval

Drawing No: **6146-SUR-PO-101-AB** Chart: Ect: P-Sig: AD