

LEGEND:

- GENERAL
 - UTM GRID INTERSECTION (WGS84)
 - GEOGRAPHICAL GRID INTERSECTION (WGS 84)
 - KILOMETRE POST
- MATCH LINE
- TOE LINE OF CHANNEL
- Section C-D Maintained level : 14.00m (Without Tolerance)
- Section B-C Maintained level : 15.40m (Without Tolerance)

BATHYMETRY

- WATER DEPTH IN METRES & DECIMITRES BELOW CHART DATUM

- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "NE QUEEN"
 - POSITION FIXING WAS CONTROLLED THROUGH SATELLITE POSITIONING SYSTEM
 - KONGBER EMODAC MULTIBeam ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY, JNPA AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - BENCH MARK AT JNPA LANDING JETTY (BOLLARD) IS 2775 ABOVE CHART DATUM. B.P. = 6.7m, Sunk Rock = 5.73m
 - MOTION SENSOR CONTACT WAS USED TO COMPENSATE SEA SWELL
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN A DRAWING
 - ALL POST PAYMENT SURVEYS ARE JOINTLY CARRIED OUT BETWEEN "JNPA, NITPCW (ITM), DCI & ISDP."
 - ALL PLOTTED DATA IN 10m x 10m GRID SIZE.

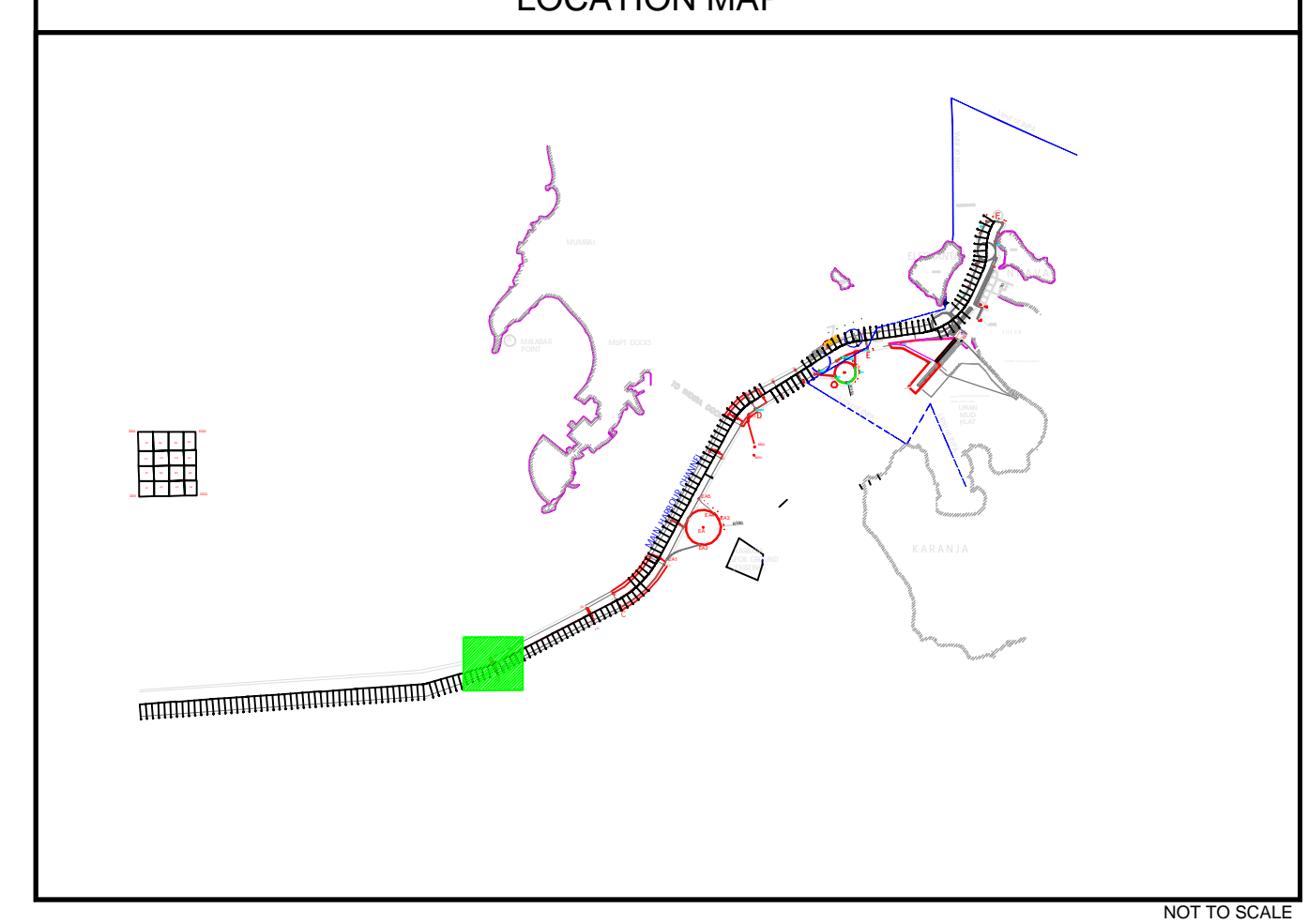
GEODETTIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	: WGS84
GEODETTIC DATUM	: WGS84
ELLIPSOID	: WGS84
Semi major axis	: 6378137.000 m
Semi minor axis	: 6356752.314 m
Inverse flattening	: 298.2572226
PROJECTION	: Universal Transverse Mercator
Central Meridian (CM)	: 75° E (Zone 43)
Latitude of Origin	: 0°
Fake Easting	: 500000 m
Fake Northing	: 0 m
Scale factor at CM	: 0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

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PROJECT: JOINT POST SURVEY - 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 B-C & A-B)
CHANGHE: 10.850 - 12.700

SCALE: HORIZONTAL SCALE 1 : 2000

0m 5m 10m 20m 50m 100m 200m

Issued: NE QUEEN (Survey Date : 10n, 21n to 60n Apr 2024) Authorized Digitatory

Rev. No.	Date	Description
0	07-04-2024	Issued For Approval

Drawing No: 6148-SUR-PO-09-BC