

LEGEND:

GENERAL

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

Section C-D Maintained Level : 14.60m (+15 cm Tolerance)

BATHYMETRY

- WATER DEPTH IN METRES & DECIMITRES BELOW CHART DATUM
- BATHYMETRY CONTOUR

- NOTES:**
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL 'ME QUEEN'
 - 2) POSITION FIXING WAS CONTROLLED FROM SEPTEMBER ASTERIX POSITIONING SYSTEM
 - 3) KONGSBERG EK6000 MULTIBeam ECHOSOUNDER WAS EMPLOYED TO CARRY OUT ABEIS SURVEY
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY, BPS AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - 5) BENCH MARK AT JNPA LANDING JETTY (BOLLARD) IS 3.375 m ABOVE CHART DATUM. B.P.K = 6.70m, Bank Rock = 5.78m
 - 6) MOTION SENSOR (GIMBAL) WAS USED TO COMPENSATE SEA SWELL
 - 7) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN A/D DRAWING
 - 8) ALL JOINT POST SURVEYS WERE CARRIED OUT JOINTLY BETWEEN - JNPA, NITPCW (ITM), DCI & ISDFP.
 - 9) ALL PLOTTED DATA IN 10m x 10m GRID SIZE

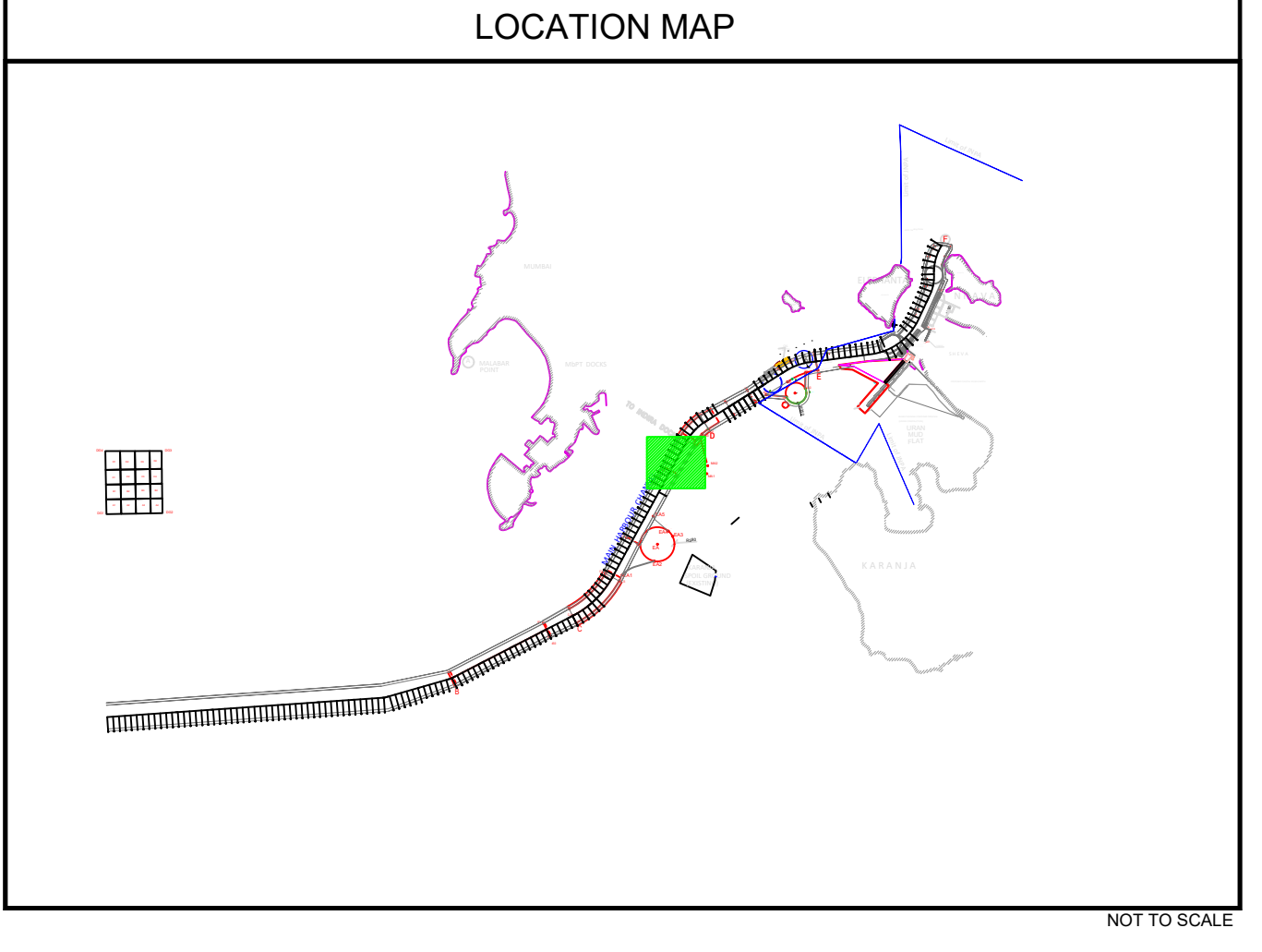
GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEOID DATUM	ELLIPSOID
Semi major axis	6378137.000 m
Semi minor axis	6356752.314 m
Inverse flattening	298.2572236
Central Meridian (CM)	75° E (Zone 43)
Latitude of Origin	0°
Falses Easting	500000 m
Falses Northing	0 m
Scale factor at CM	0.99980

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

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PROJECT

JOINT POST SURVEY - MAR 2023
MULTI-BEAM BATHYMETRY SURVEYS
IN NAVIGATIONAL AREA OF JN PORT
NAVI MUMBAI & MUMBAI PORT CHANNEL
WEST COAST OF INDIA
FY 2022-23
 BATHYMETRY CHART (SECTION C-D)
 CHANAGE 22,000 - 23,400

SCALE

HORIZONTAL SCALE 1 : 2000

Version: ME QUEEN **Survey Date:** 12th to 14th & 20th Mar 2023 **Authorised Signatory:**

Rev. No.	Date	Description
0	02-04-2023	Issued For Approval

Drawing No: 594EX-SUR-PO-122-CD **Chart:** **End:** **P Size:** A0