

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 Tolerance)

BATHYMETRY

- WATER DEPTH IN METRES & DECIMITRES BELOW CHART DATUM

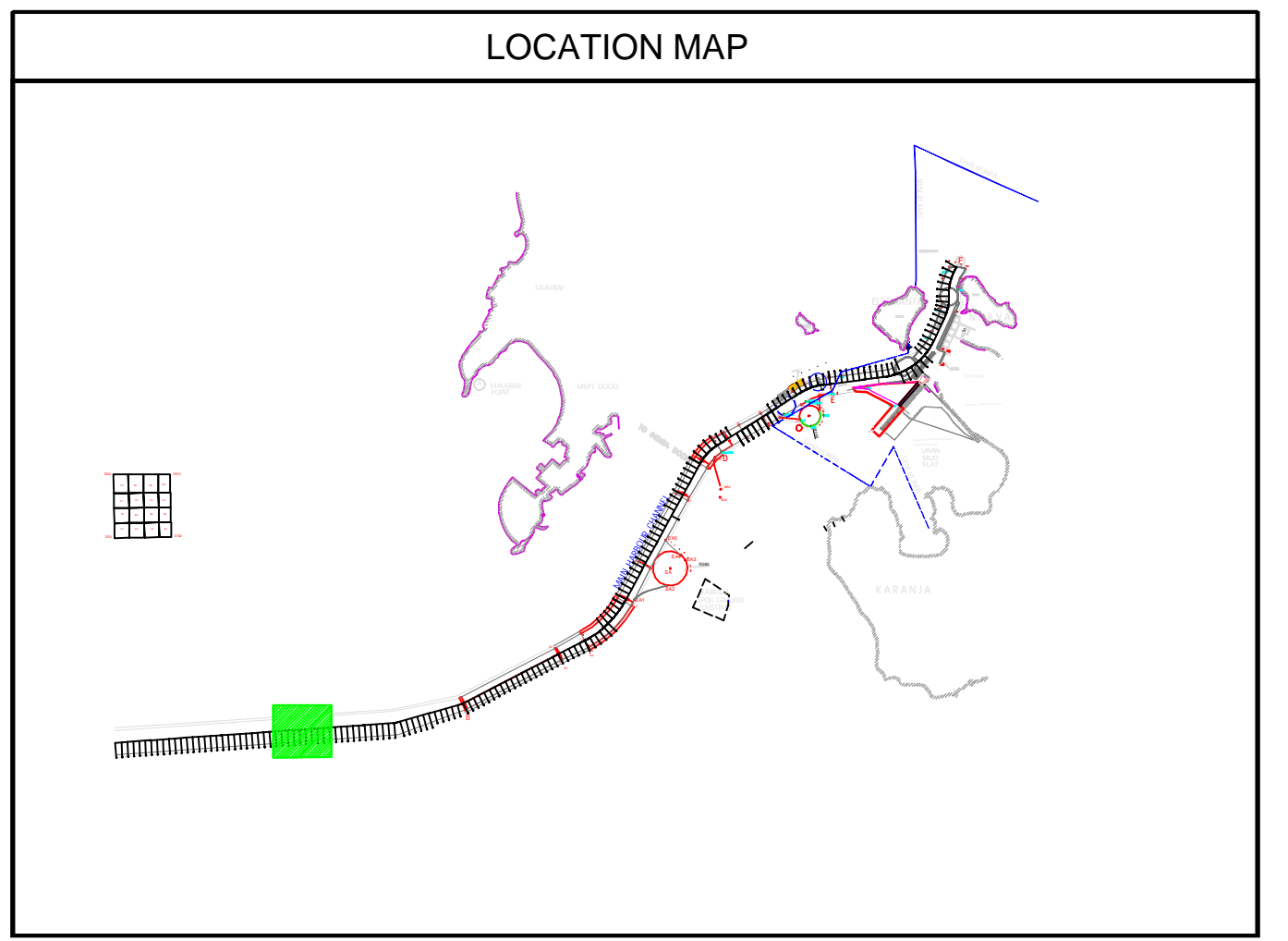
- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "MR QUEEN"
 - POSITION FIXING WAS CONTROLLED FROM SEPTEMBER ASTER'S POSITIONING SYSTEM
 - KONGSBERG EMACNA MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBS SURVEY.
 - OBSERVED FROM THE GAUGE INSTALLED AT JAWA LANDING JETTY. BPX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - BENCH MARK AT JAWA LANDING JETTY (COLLARED) IS 27.375 ABOVE CHART DATUM. BPX = 70m, Sunk Rock = 738cm.
 - MOTION SENSOR OCTANUS WAS USED TO COMPENSATE SEA SWELL.
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN AN EXCEL DRAWING.
 - ALL JAWA POST SURVEYS ARE JOINTLY CARRIED OUT BETWEEN - JNPA, NTPCW (IITM, DO & ISPL).
 - ALL PLOTTED DATA IN 10m x 10m GRID SIZE.

GEODETIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODETIC DATUM	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356752.314 m
Inverse Flattening	298.2572236
PROJECTION	Universal Transverse Mercator
Central Meridian	75° E (Zone 49)
Latitude of Origin	0°
Fake scaling factor	500000 m
False Northing	0
Scale factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description



CLIENT
JAWAHARLAL NEHRU PORT AUTHORITY
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PROJECT
JOINT POST SURVEY - 2024
MULTI-BEAM BATHYMETRY SURVEYS
 IN NAVIGATIONAL AREA OF JUN PORT
 NAVI MUMBAI & MUMBAI PORT CHANNEL
 WEST COAST OF INDIA
 FY 2023-24
 BATHYMETRY (SECTION A-B)
 CHANAGE 05.400 - 07.200

SCALE
HORIZONTAL SCALE 1 : 2000

Vessel: MR QUEEN Survey Date: 22.23 Mar & 13 Apr 2024 Authorized Signatory

Rev. No.	Date	Description	Issued by	Checked by	Drawn by	Scale
0	13-Apr-2024	Issued For Approval				

Drawing No: **6148-SUR-PO-102-AB** P:Scale: A0