

LEGEND:

- GENERAL
 - UTM GRID INTERSECTION (WGS84)
 - GEOGRAPHICAL GRID INTERSECTION (WGS84)
 - KILOMETRE POST
 - MATCH LINE
 - TOE LINE OF CHANNEL
- BATHYMETRY
 - WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

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

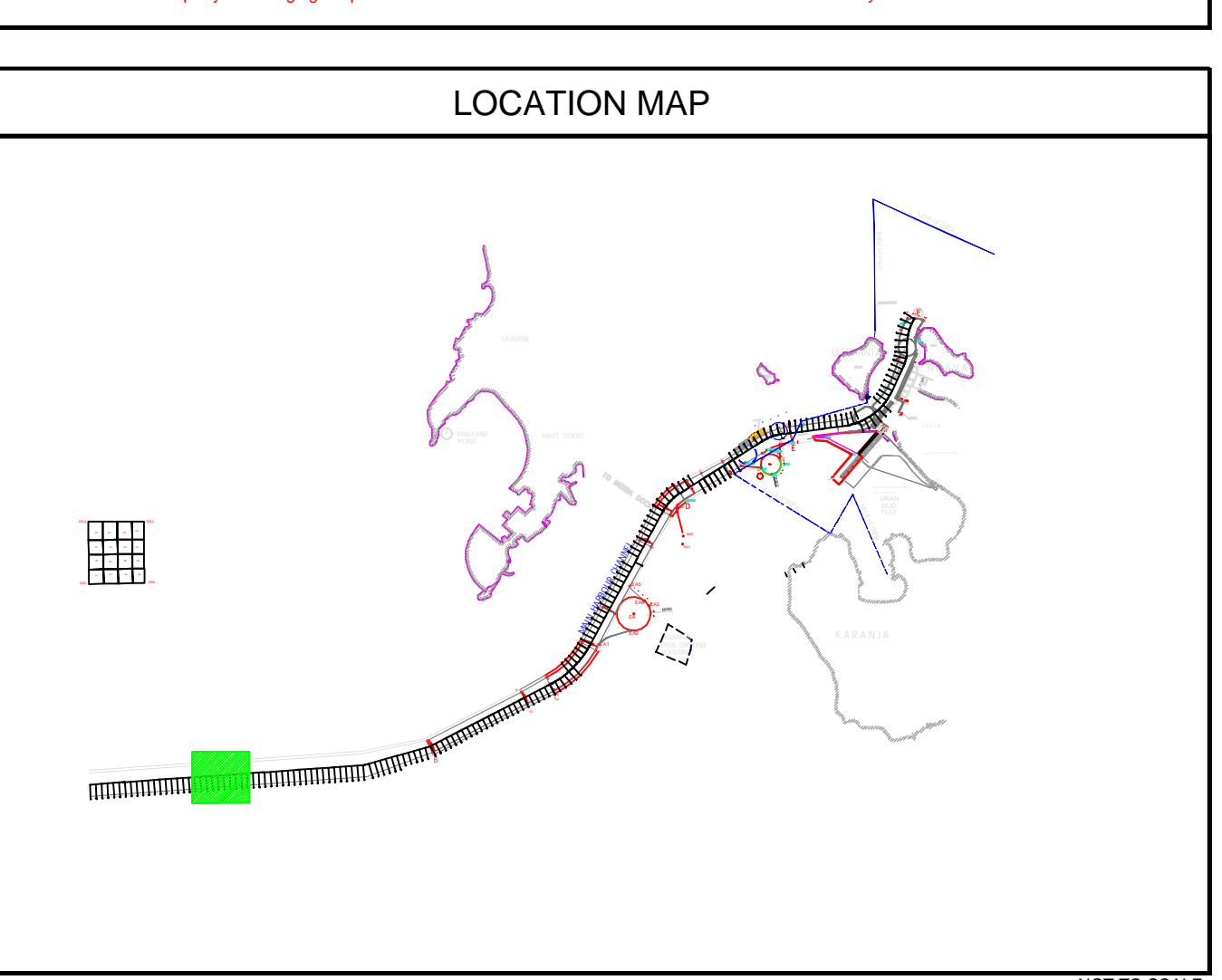
- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL 'ME QUEEN'
 - POSITION FIXING WAS CONTROLLED FROM SATELLITE ASTERIX POSITIONING SYSTEM
 - KNOWLEDGE OF LOCAL TIDE CURRENTS WAS EMPLOYED TO CARRY OUT MESS SURVEY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JAPA LANDING JETTY, BPX AND SUNK ROCK WERE USED FOR REDUCING MAIN WATER DEPTH TO CHART DATUM.
 - BENCH MARK AT JAPA LANDING JETTY (BOLLARD) IS 27.375 ABOVE CHART DATUM. BPLX = 27m, Sunk Rock = 5.275m.
 - MOTION SENSOR OCTANS WAS USED TO COMPENSATE SEA SWELL.
 - FOR REDUCING MAIN WATER DEPTH TO CHART DATUM.
 - ALL JONIT POST SURVEYS ARE JOINTLY CARRIED OUT BETWEEN -JAPA, NTPCWIP, IITM, DC & DPLI.
 - 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 : 298.257222101
 PROJECTION : Universal Transverse Mercator
 Central Meridian (CM) : 75° E (Zone 49)
 Latitude of Origin : 0°
 False Easting : 500000 m
 False Northing : 0
 Scale factor at CM : 0.9996012714

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description



JAWAHARLAL NEHRU PORT AUTHORITY

ADMINISTRATION BUILDING,
SHEVA,
NAVI MUMBAI - 400 707
Tel. : 022 6781 4156/ 6711 4154. Fax : 022 6781 4178

NATIONAL TECHNOLOGY CENTRE FOR PORTS WATERWAYS AND COASTS IIT MADRAS

CHENNAI - 600 036
TEL : +91 44 22578105

DREDGING CORPORATION OF INDIA LIMITED

DREDGE HOUSE, BH COLONY MAIN ROAD, SEETHAMMADHARA,
VISAKHAPATNAM - 530 022
ANDHRA PRADESH STATE, INDIA
TEL : +91 8981-2523258 - 981 0891-2871230

INTERNATIONAL SEAPORT DREDGING PVT LTD.
Ocean Square Plot No.2-(CIS-P)
Thiru-vi-ka Industrial Estate
Guindy, Chennai - 600032
Tel Fax : +91(0) 44 43 12 99 01

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 AB
CHANGAGE 03.000 - 05.400

SCALE
40m 0m 40m 80m 120m 160m 200m

Scale: 1:2000

Sheet: ME QUEEN / Survey Date: 23/04/2024 / Authorized Signatory

Rev. No.	Date	Description	Checked	Drawn	Scale
0	29-03-2024	Issued For Approval			

Drawing No: 6148-SUR-PO-103-AB