

LEGEND:

GENERAL

- 1: 1M GRID INTERSECTION (WGS84)
- 2: GEOGRAPHICAL GRID INTERSECTION (WGS 84)
- 3: KILOMETRE POST
- 4: MATCH LINE
- 5: TOE LINE OF CHANNEL
- 6: Bathymetry (Below Design Depth)
- 7: Bathymetry (Above Design Depth)
- 8: WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM
- 9: Section E/F Design Depth: 14.00m (Without Tolerance)
- 10: BMCT Area Design Depth: 14.00m (Without Tolerance)

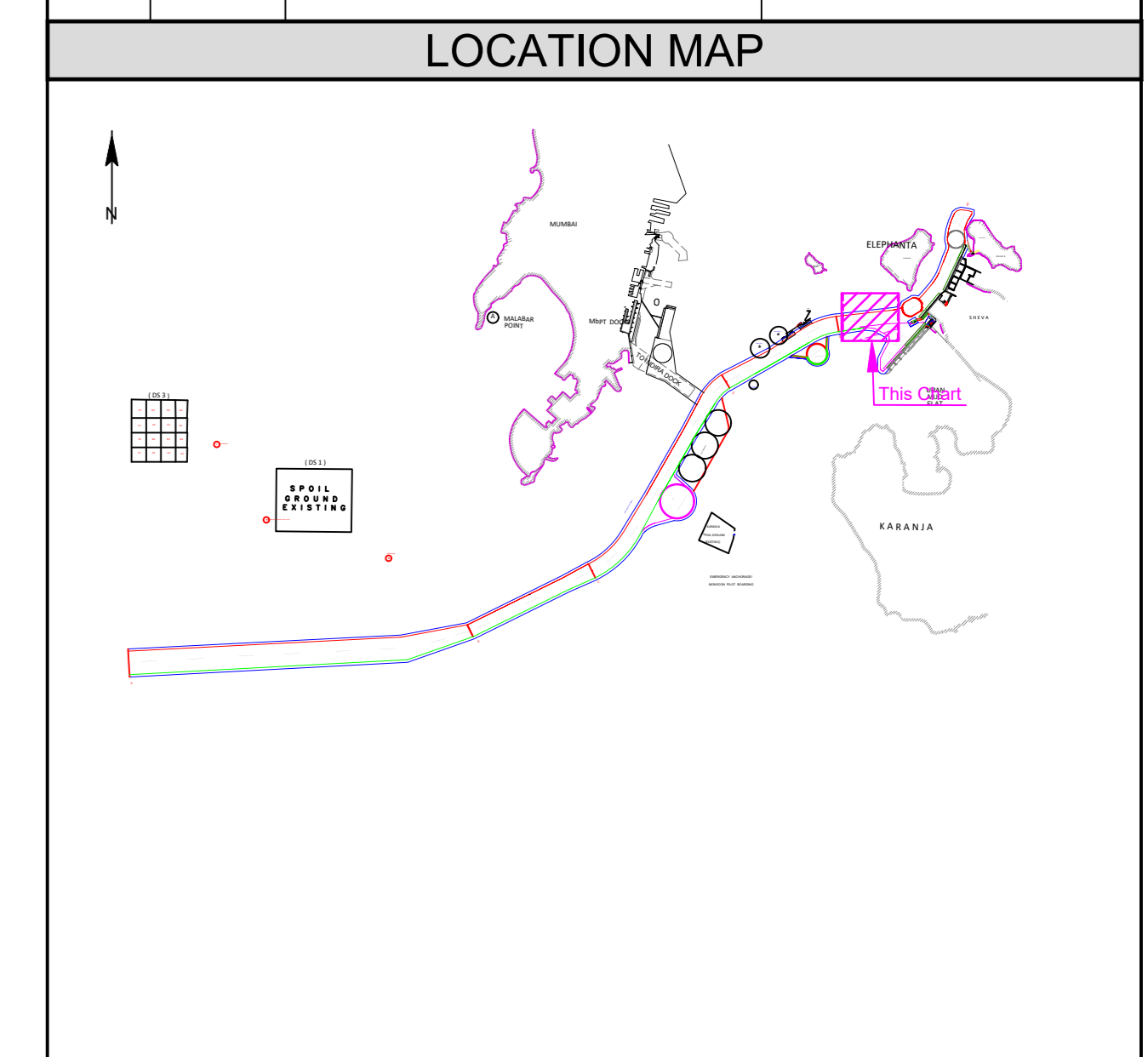
- ### NOTES:
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEEN"
 - 2) POSITION FIXING WAS CONTROLLED BY POS MV NO POSITIONING SYSTEM
 - 3) NORBIT WMMB MULTIBeam ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY.
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY, BPX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - 5) BENCH MARK AT JNPA LANDING JETTY (BOLLARD) IS 3.735 ABOVE CHART DATUM. BPX = 6.20m.
 - 6) SUNK ROCK = 9.50m.
 - 7) POS MV MEU WAS USED TO COMPENSATE SEA SWELL.
 - 8) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD FORMAT.
 - 9) ALL POST SURVEYS ARE JOINTLY CARRIED OUT BETWEEN - JNPA, NTPCW, DCI & VOPL.
 - 10) ALL PLOTTED DATA IN 1m x 1m 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	298.25722653
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	75° E (Zone 43)
Latitude of Origin	0°
Falsc Easting	500000.0 m
False Northing	0 m
Scale factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description



CLIENT: JAWAHARLAL NEHRU PORT AUTHORITY
ADMINISTRATION BUILDING, SHEVA, NAVI MUMBAI - 400 707
Tel. : 022 6781 4569 6781 4154. Fax. 022 6781 4178

PMC: NATIONAL TECHNOLOGY CENTRE FOR PORTS WATERWAYS AND COASTS
IIT MADRAS
CHENNAI - 600 038
TEL. : +91 44 22578915

CONTRACTOR: DREDGING CORPORATION OF INDIA LIMITED
DREDGE HOUSE, HB COLONY MAIN ROAD, SEETHAMMAHARA, VIKASAPATHAM - 530 022
ANDHRA PRADESH STATE, INDIA
TEL. : +91 0891-2523250 - +91 0891-2871230

SUB-CONTRACTOR: VAN OORD INDIA PRIVATE LIMITED
201, 2ND FLOOR CENTRAL PLAZA
166, C S T ROAD, KALINA
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PROJECT: JOINT POST DREDGE SURVEY-MAY 2026
MULTI-BEAM BATHYMETRY SURVEYS
IN NAVIGATIONAL AREA OF JN PORT
NAVI MUMBAI & MUMBAI PORT CHANNEL
WEST COAST OF INDIA
FY 2025-26

BATHYMETRY CHART SECTION E - F
CHANNEL 29.000 - 30.900

SCALE: SCALE 1:2000
0.0m 100.0m 200.0m

Vessel: ME QUEEN Survey Date: 15 & 17 May 2026 Authorized Signatory

Rev. No.	Date	Description
0	22/05/2026	Issued For Approval

Drawing No: 34.3652-JNPA-POST-EF-324

VOPL	DCI	NTPCW	JNPA	JNPA	JNPA
Chart	Ent	P	Site	AD	AD