

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: SURFACE (SURFACE AREA ONLY) CARRIED OUT BETWEEN A/JPA LANDING JETTY, B/PX AND SUNK ROCK
- 8: WATER FATH IN METRES & DECIMETRES BELOW CHART DATUM
- Section A-B Design Depth : 15.60m (Without Tolerance)

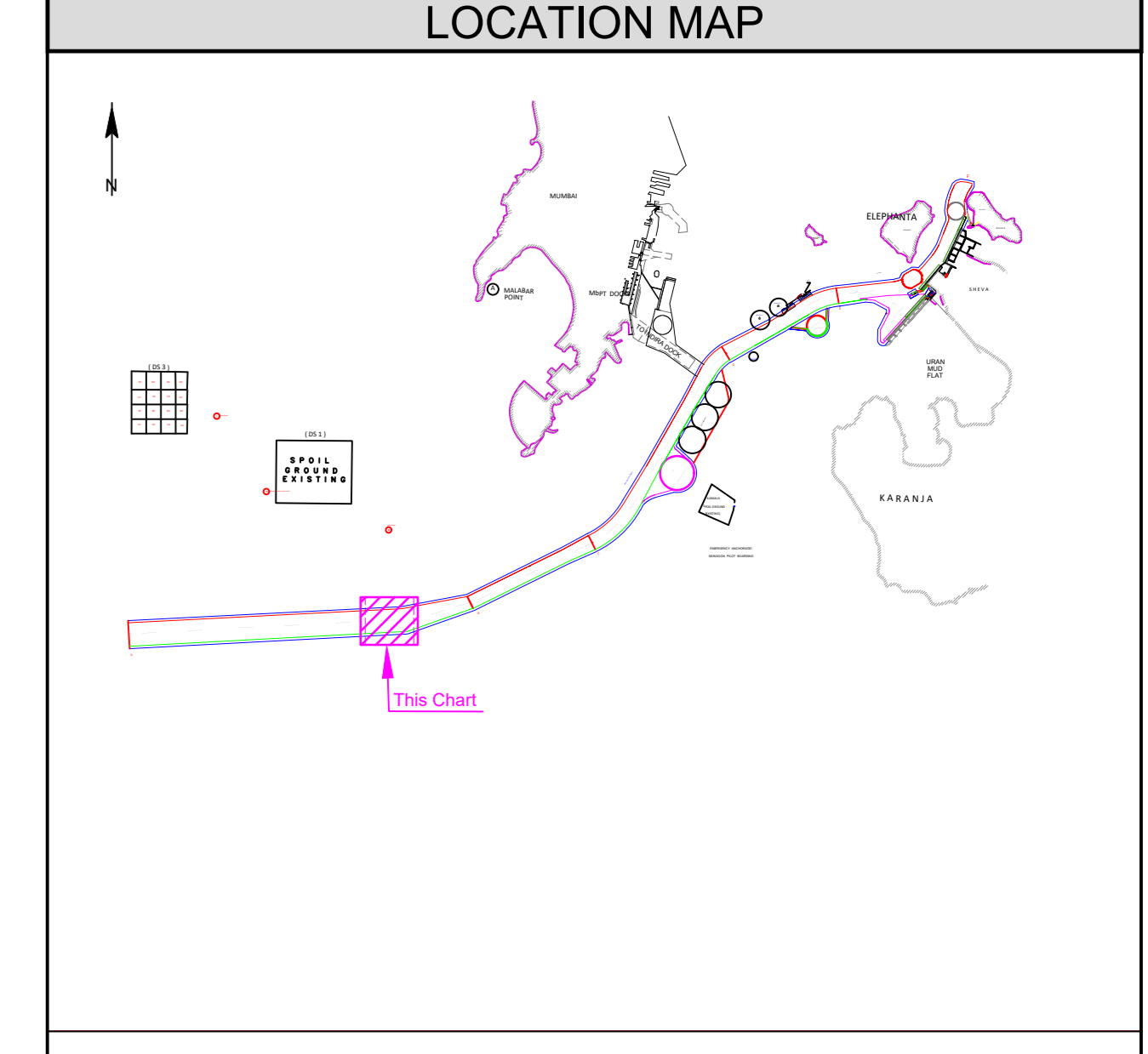
- ### NOTES:
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEEN"
 - 2) POSIT FIXING WAS CONTROLLED BY GPS WITH POSITONING SYSTEM
 - 3) NORBIT JMMS MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT BATHYMETRY
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT A/JPA LANDING JETTY, B/PX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - 5) BENCH MARK AT A/JPA LANDING JETTY (BOLLARD) IS 7.375 ABOVE CHART DATUM. B/PX - 6.70m.
 - 6) BUNK ROCK - 9.50m
 - 7) POSIT FIXING WAS USED TO COMPENSATE SEA SWELL
 - 8) ALL SURFACE AREA COORDINATES WERE PROVIDED BY THE CLIENT IN A/CAD FORMAT
 - 9) SURFACE AREA COORDINATES WERE CARRIED OUT BETWEEN - A/JPA LANDING JETTY, DCI & VOPL
 - 10) ALL PLOTTED DATA IN 10'x10' GRID SIZE

GEODETTIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEOCENTRIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.0 m
Semi minor axis	6356752.314 m
Inverse flattening	298.257222103
Prime Meridian (G.M.T.)	Universal Transverse Mercator
Central Meridian (C.M.)	79° E (Zone 43)
Latitude of Origin	0°
Falsc Easting	500000 m
False Northing	0 m
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 DREDGE SURVEY-APRIL 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 A-B CHAINAGE 8.000 - 9.800

SCALE: 1:2000

0m 100.0m 200.0m

Vessel: ME QUEEN	Survey Date: 20th & 21st April 2026	Authorised Signatory				
Rev. No	Date	Description				
0	20/04/2026	Issued For Approval				
Drawing No:	VOPL	DCI	NTCPWC	JNPA	JNPA	JNPA
34.3652-JNPA-POST-AB-308	Chart	End	P-Size	AD	AD	AD