

LEGEND:

GENERAL

- 1: 1M GRID INTERSECTION (WGS84)
- 2: GEOGRAPHICAL GRID INTERSECTION (WGS 84)

KILOMETRE POST

MATCH LINE

TOE LINE OF CHANNEL

Bathymetry (Bath Design Depth)

WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

Section D-E Design Depth: 14.0m (Without Tolerance)

Section C-D Design Depth: 14.0m (Without Tolerance)

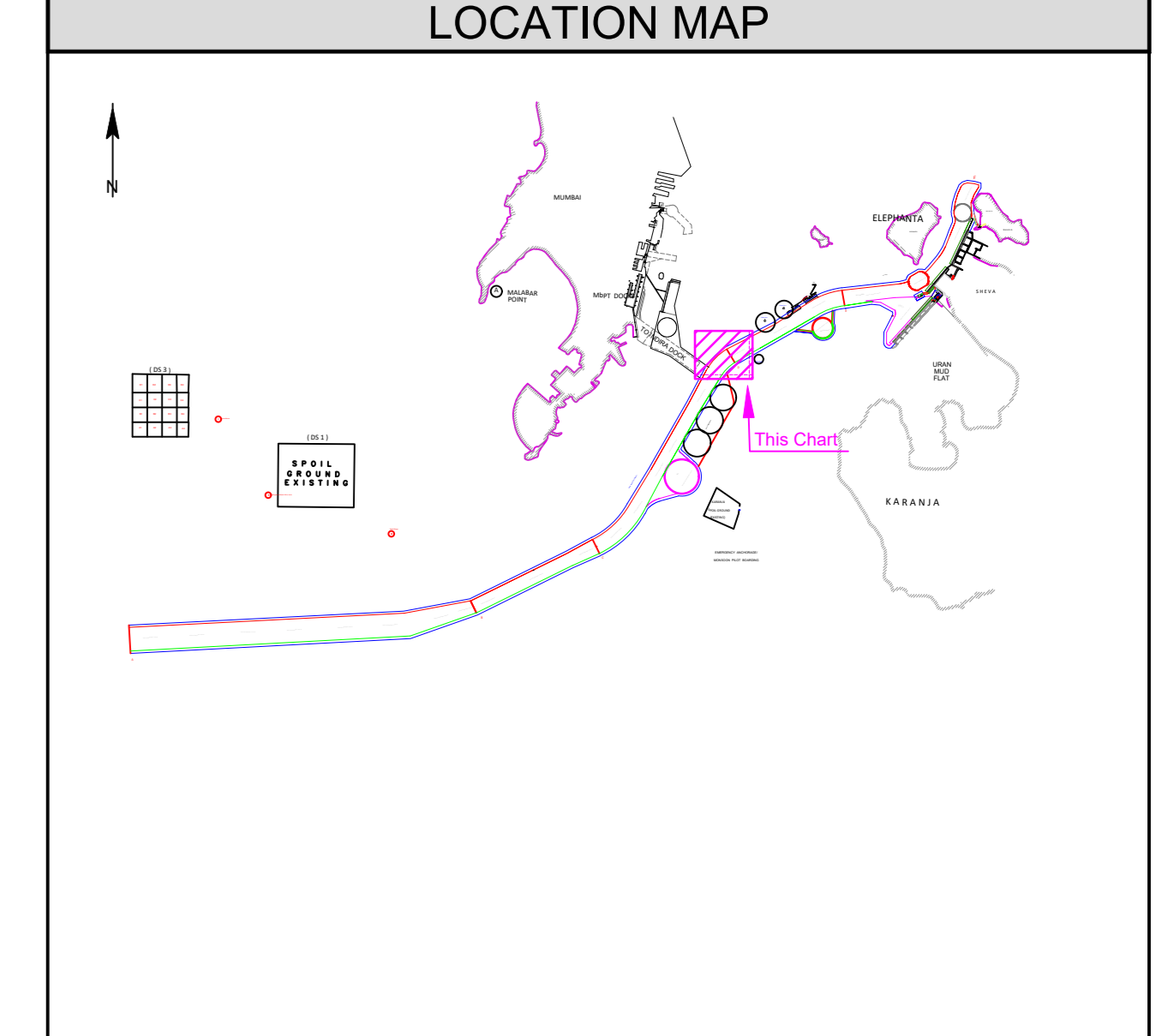
- ### NOTES:
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEEN"
 - 2) POSITION FIXING WAS CONTROLLED BY POS-MIP POS POSITIONING SYSTEM
 - 3) NORBIT MMSL MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY.
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING TIEY. BPX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - 5) BENCH MARK AT JNPA LANDING TIEY (BOLLARD) IS 7.375 ABOVE CHART DATUM. BPX = 6.70m.
 - 6) BURN ROCK = 9.50m.
 - 7) POS-MIP WAS USED TO COMPENSATE SEA SWELL.
 - 7) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACPAD FORMAT.
 - 8) ALL POST SURVEYS ARE JOINTLY CARRIED OUT BETWEEN - JNPA, NTPCW (ITM), DCI & VOPL.
 - 9) ALL PLOTTED DATA IN 10m x 10m GRID SIZE.

GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODEIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356752.314 m
Inverse flattening	298.257223630
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	75° E (Zone 48)
Latitude of Origin	0°
Falsc Easting	0.000000 m
Falsc Northing	0.000000 m
Scale factor at CM	0.999600

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description



CLIENT: JAWAHARLAL NEHRU PORT AUTHORITY
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CONTRACTOR: DREDGING CORPORATION OF INDIA LIMITED
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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 C-D & D-E CHANGING 23 500-24 400 C-D & 24 400-25 200 D-E

SCALE: 1:2000

Vessel: ME QUEEN	Survey Date: 10 May 2026	Authorized Signatory				
Rev. No.	Date	Description				
0	14/05/2026	Issued For Approval				
Drawing No:	VOPL	DCI	NTPCW	JNPA	JNPA	JNPA
34.3652-JNPA-POST-CD-319	Chart	Ent	P-Size	Ent	Ent	Ent