

Match Line Refers To Drawing No. 34.3652-INPA-POST-CD-315

### 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 (Bathymetric Depth)
- 7: OBSERVED TIDE FROM ELECTRONIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY, B'PX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
- 8: Section B-C Design Depth: 15.60m (Without Tolerance)
- 9: Section C-D Design Depth: 14.60m (Without Tolerance)

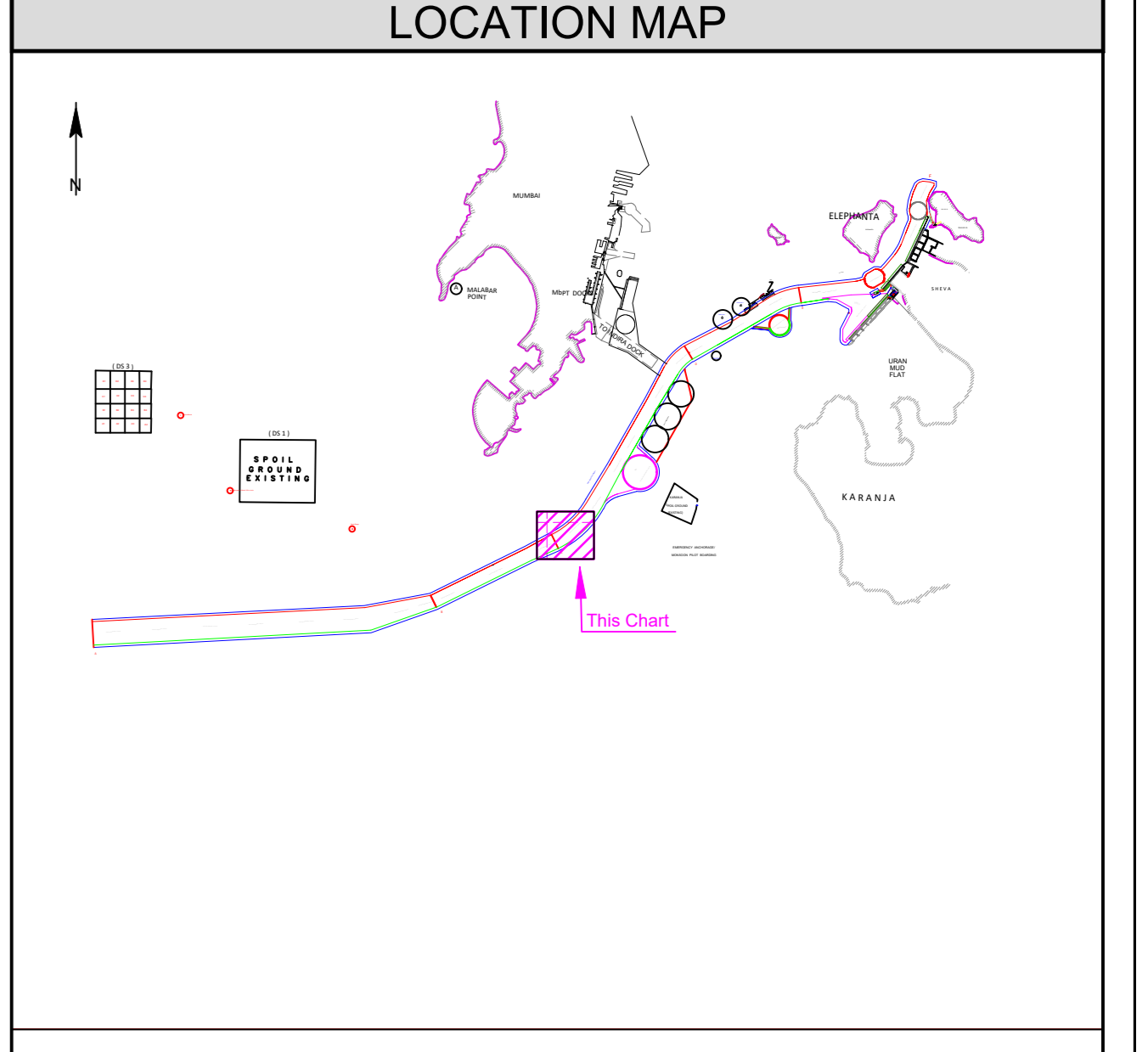
- ### NOTES:
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "M QUEEN"
  - 2) POSITION FIXING WAS CONTROLLED BY GPS W/RT POSITIONING SYSTEM
  - 3) NORBIT JMM5 MULTIBEAM ECHOSOUNDING WAS DEPLOYED TO CARRY OUT MEASUREMENTS
  - 4) OBSERVED TIDE FROM ELECTRONIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY, B'PX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
  - 5) BENCH MARK AT JNPA LANDING JETTY (BOLLARD) IS 7.375 ABOVE CHART DATUM. B'PX - 6.70m, SUNK ROCK - 9.50m
  - 6) POS W/ RT WAS USED TO COMPENSATE SEA SWELL
  - 7) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN NAD DRAWING
  - 8) ALL POST SURVEYS ARE JOINTLY CARRIED OUT BETWEEN - JNPA, NTPCW (ITM), DCI & VOPL
  - 9) ALL PLOTTED DATA IN 0.5m 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	298.257223603
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	70° E (Zone 43)
Latitude of Origin	0°
Falve Easting	0.000000 m
False Northing	0.000000 m
Scale factor at CM	0.999600

### REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description



**CLIENT**

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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 B-C & C-D  
 CHANGE 16:000-16:400 BC & 16:400-17:600 CD**

**SCALE**

SCALE 1:2000

0m 100m 200m

Vessel: M QUEEN	Survey Date: 18 Apr & 30 May 2026	Authorized Signatory
Rev. No.	Date	Description
0	14/05/2026	Issued For Approval
Drawing No:	VOPL DCI NTPCW JNPA JNPA JNPA	Chart
34.3652-INPA-POST-CD-314		End P-Size