

LEGEND:

GENERAL

- UTM GRID INTERSECTION (WGS 84)
- GEOGRAPHICAL GRID INTERSECTION (WGS 84)
- KILOMETER POST
- MATCH LINE
- SECTION C-D MAINTAINED LEVEL: 14.80M (Without Tolerance)
- SECTION B-C MAINTAINED LEVEL: 15.40M (Without Tolerance)

BATHYMETRY

- WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

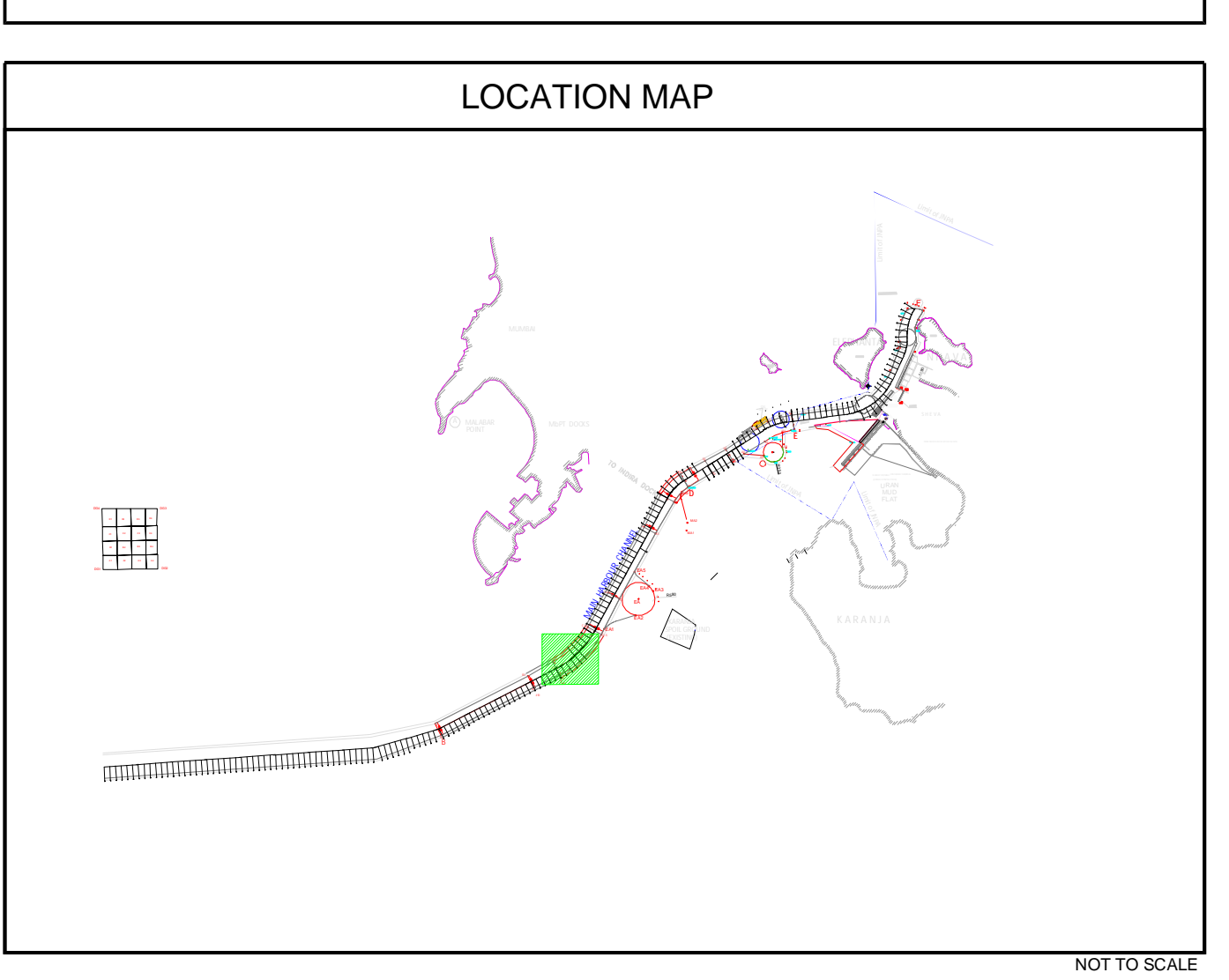
- NOTES:**
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEEN"
 - 2) POSITION FIXING WAS CONTROLLED FROM SEXTANT ASTERIX POSITIONING SYSTEM.
 - 3) HORIZONTAL CONTROL WAS PROVIDED BY THE CLIENT IN ACAD FORMAT.
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING, ATTY. BPK AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - 5) BENCH MARK AT JNPA LANDING, ATTY. (BOLLARD) IS 375 m ABOVE CHART DATUM. B.M. SUNK ROCK - 5.70m.
 - 6) MOTION SENSOR SURVEYS WERE USED TO COMPENSATE SEA SWELL.
 - 7) SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD FORMAT.
 - 8) ALL POINT PAYMENT SURVEYS ARE JOINTLY CARRIED OUT BETWEEN JNPA, NTPCW (WTD, CD) & ISPL.
 - 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
Universal flattening :	298.257226
PROJECTION :	Universal Transverse Mercator
Central Meridian (CR) :	72° E (Zone 43)
Latitude of Origin :	0°
False Easting :	500000 m
False Northing :	0 m
Scale factor at CR :	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description



CLIENT

JAWAHARLAL NEHRU PORT AUTHORITY
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SHEVA,
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CONSULTANT

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CONTRACTOR

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SUB-CONTRACTOR

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PROJECT

JOINT POST SURVEY - 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 C-D)
CHANGING 16.00 / 17.00

SCALE

HORIZONTAL SCALE 1 : 2000

Scale

Rev. No.	Date	Description	Authorized Signatory
0	07-04-2024	Issued For Approval	

Drawing No: 6148-SUR-PO-06-CD