

LEGEND:

- GENERAL
 - UTM GRID INTERSECTION (WGS84)
 - GEOGRAPHICAL GRID INTERSECTION (WGS 84)
 - KILOMETRE POST
 - MATCH LINE
 - TOE LINE OF CHANNEL
- BATHYMETRY
 - Section D-E Maintained level: 14.40m (Without Tolerance)
 - Section JNPA Anchorage Area Maintained level: 11.20m (Without Tolerance)
 - WATER DEPTH IN METRES & DECIMITRES BELOW CHART DATUM

- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "MS QUEEN". POSITION FIXING WAS CONTROLLED FROM SEPTENTORIO RTK-BP POSITIONING SYSTEM.
 - KONINGSBERG ENDURIC MULTIBeam ECHOSOUNDER WAS DEPLOYED TO CARRY OUT SBES SURVEY.
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY. BPS AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - BENCH MARK AT JNPA LANDING JETTY (BOLLARDS) IS 3.75m ABOVE CHART DATUM. B.P.M. - 6.70m, SUNK ROCK - 6.70m.
 - MOTION SENSOR OBTAINS WAS USED TO COMPENSATE SEA SWELL.
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE ABOVE CHART DRAWING.
 - ALL PLOTTED DATA IS FOR JORITY CARRIED OUT BETWEEN - JNPA, NTPCW (DPM), DCI & ISDPL.
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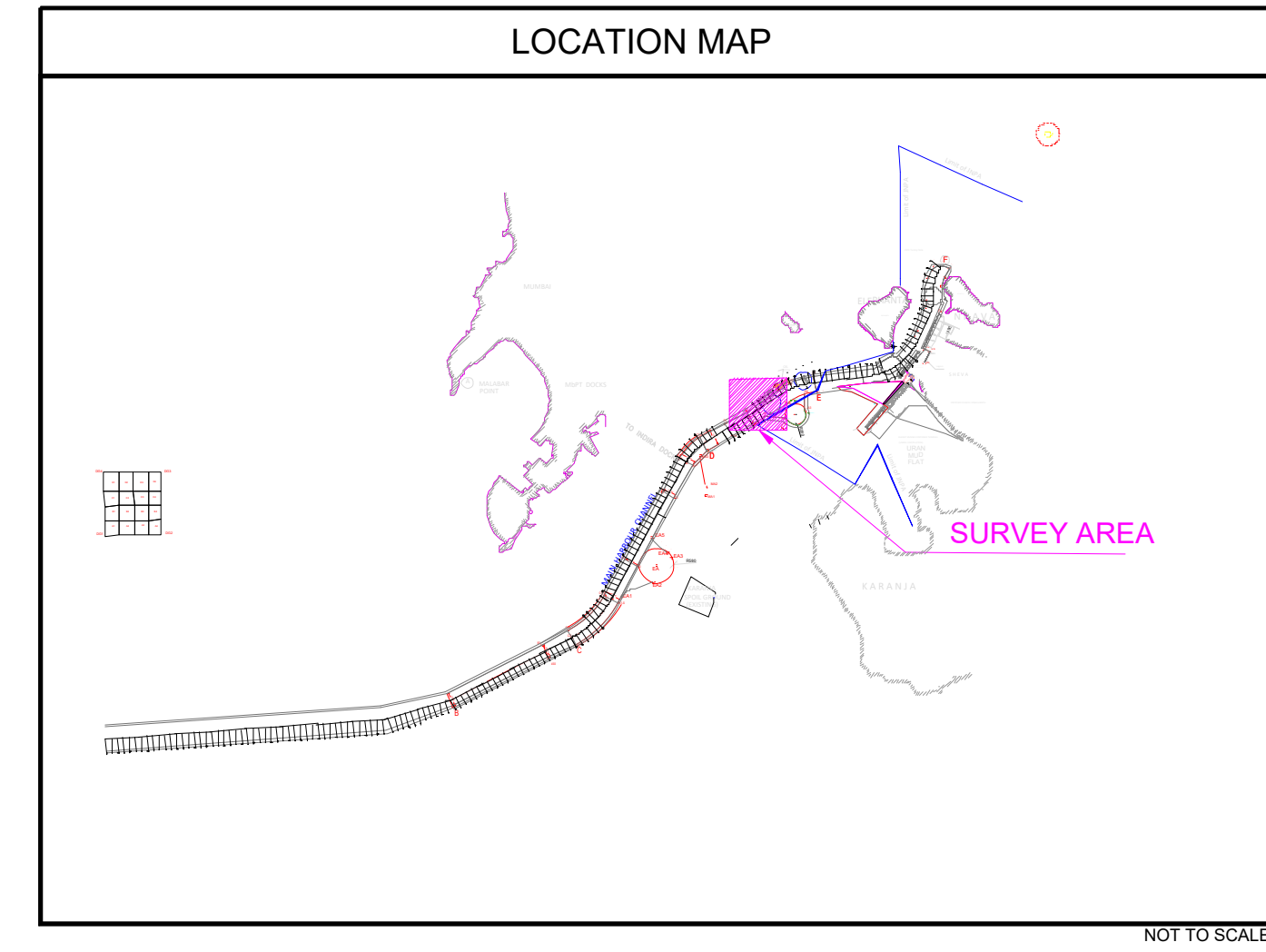
GEODETTIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODETTIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356752.314 m
Inverse flattening	298.2572238
PROJECTION	Universal Transverse Mercator
Central Meridian (Cm)	72° E (Zone 43)
Latitude of Origin	0°
False Easting	500000 m
False Northing	0
Scale factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

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CLIENT
JAWAHARLAL NEHRU PORT AUTHORITY
 ADMINISTRATION BUILDING, SHEVA, NAVI MUMBAI - 400 707
 Tel. : 022 6781 4156/6781 4154, Fax: 022 6781 4178

CONSULTANT
NATIONAL TECHNOLOGY CENTRE FOR PORTS WATERWAYS AND COASTS IIT MADRAS
 CHENNAI - 600 036
 TEL: +91 44 22578915

CONTRACTOR
DREDGING CORPORATION OF INDIA LIMITED
 DREDGE HOUSE, HB COLONY MAIN ROAD, SEETHAMMAHARA, VISAKHAPATNAM - 530 022
 ANDHRA PRADESH STATE, INDIA
 TEL: +91 0891-2923250 - +91 0891-2871230

SUB-CONTRACTOR
INTERNATIONAL SEAPORT DREDGING PVT LTD.
 Ocean Square Plot No.2(C.S.P)
 Thiru-vi-ka Industrial Estate
 Guindy, Chennai - 600032.
 Tel Fax : +91(0) 44 43 129 90 01

PROJECT
JOINT POST SURVEY FEB - MAR 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 DE CHANGEAGE 26.000 - 27.600

SCALE
 HORIZONTAL SCALE 1 : 2000

REVISIONS

Rev. No.	Date	Description	Authorized Signatory
0	06-03-2024	Issued For Approval	

Drawing No: 6148-SUR-PO-087-DE