



LEGEND:

GENERAL

- UTM GRID INTERSECTION (WGS84)
- GEOGRAPHICAL GRID INTERSECTION (WGS84)
- KILOMETRE POST
- MATCH LINE
- SECTION LINE OF CHANNEL
- Section E/F Maintained level: 14.40m (Without Tolerance)

BATHYMETRY

- WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL 'ME QUEEN'
 - POSITION FIXING WAS CONTROLLED FROM SEPTENTOR ASTERIX POSITIONING SYSTEM
 - KONGBERG EMARCO MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY
 - OBSERVED TIDE GAUGE INSTALLED AT JNPA LANDING AREA, BPS AND SUNRIK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - BENCH MARK JNPA LANDING ELEVATION IS 3.75m ABOVE CHART DATUM. B.PX & 6.70m Sunrik Rock is 5.73m
 - MOTION SENSOR OBTAINED WAS USED TO COMPENSATE SEA SWELL
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN A CAD DRAWING
 - ALL JOINT POST SURVEYS ARE JOINTLY CARRIED OUT BETWEEN -JNPA, NITPCW (ITEM), DCI & ISDPL
 - ALL PLOTTED DATA IN 1:50,000 GRID SIZE

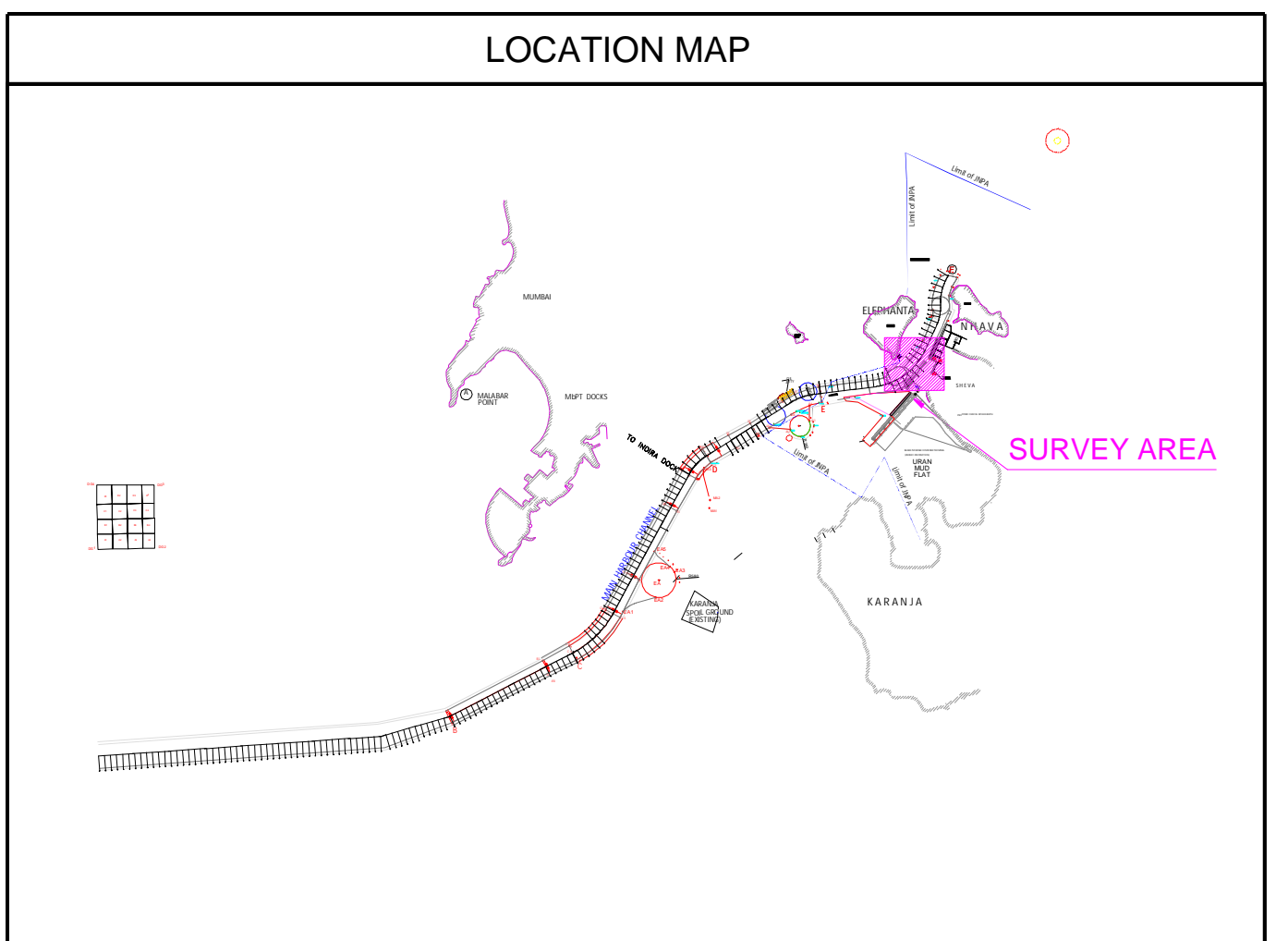
GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODEIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356583.814 m
Inverse flattening	298.2572226
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	75° E Zone 49
Latitude of Origin	0°
False Easting	500000 m
False Northing	0 m
Scale factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

This is the Sole Property of Dredging Corporation of India Limited. (Unauthorized Use Of This Document in Any Form Wherever is Prohibited)



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 22579191

CONTRACTOR

DREDGING CORPORATION OF INDIA LIMITED
DREDGE HOUSE, HS COLONY MAIN ROAD, SEETHAMMAHARU,
VISHAKHAPATNAM - 530 022
ANDHRA PRADESH STATE, INDIA
Tel. +91 0891-2623250 +91 0891-2871230

SUB-CONTRACTOR

INTERNATIONAL SEAPORT DREDGING PVT LTD.
Ocean Square Plot No.2-C(2)P1
Thiru-vi Industrial Estate
Gundry, Chennai - 600032.
Tel Fax : +91(0) 44 43 12 99 01

PROJECT

**JOINT POST SURVEY FEB - 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 E & F LAGOON
CHANGING 31200 - 33200**

SCALE

HORIZONTAL SCALE 1 : 2000

Authorized Signatory

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

Drawing No: 6148-SUR-PO-083-EF-SWB