

LEGEND:

- GENERAL
 - UTM GRID INTERSECTION (WGS84)
 - GEODATUM GRID INTERSECTION (WGS 84)
 - KILOMETER POST
- MATCH LINE
- SECTION LINE OF CHANNEL

Section C-D Maintained level: 14.60m (Without Tolerance)
Emergency Anchorage Area Maintained level: 14.60m (Without Tolerance)

BATHYMETRY
WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

- NOTES:**
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEN"X
 - 2) POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ASTRIX POSITIONING SYSTEM.
 - 3) KONGBERG ENDURAC MULTIBEAM ECHOSOUNDER WAS DEPLOYED TO CARRY OUT BEES SURVEY.
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING STIFF AND SUNK ROCK WIERE.
 - 5) USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - 6) BENCHMARK AT JNPA LANDING JETTY BOLLARDS IS 7.75m ABOVE CHART DATUM. BFX = 6.70m, SUNK ROCK = 5.78m.
 - 7) MOTION SENSOR OBTAIN WAS USED TO COMPENSATE SEA SWELL.
 - 8) SURVEY AREA COORDINATES WERE PROVIDED BY THE CLIENT IN ACD DRAWING.
 - 9) ALL JOINT POST SURVEYS AND JOINTLY CARRIED OUT BETWEEN - JNPA, NTPCW (I.T.M. DCI) & IERSP.
 - 10) ALL PLOTTED DATA IN 10m X 10m GRID SIZE.

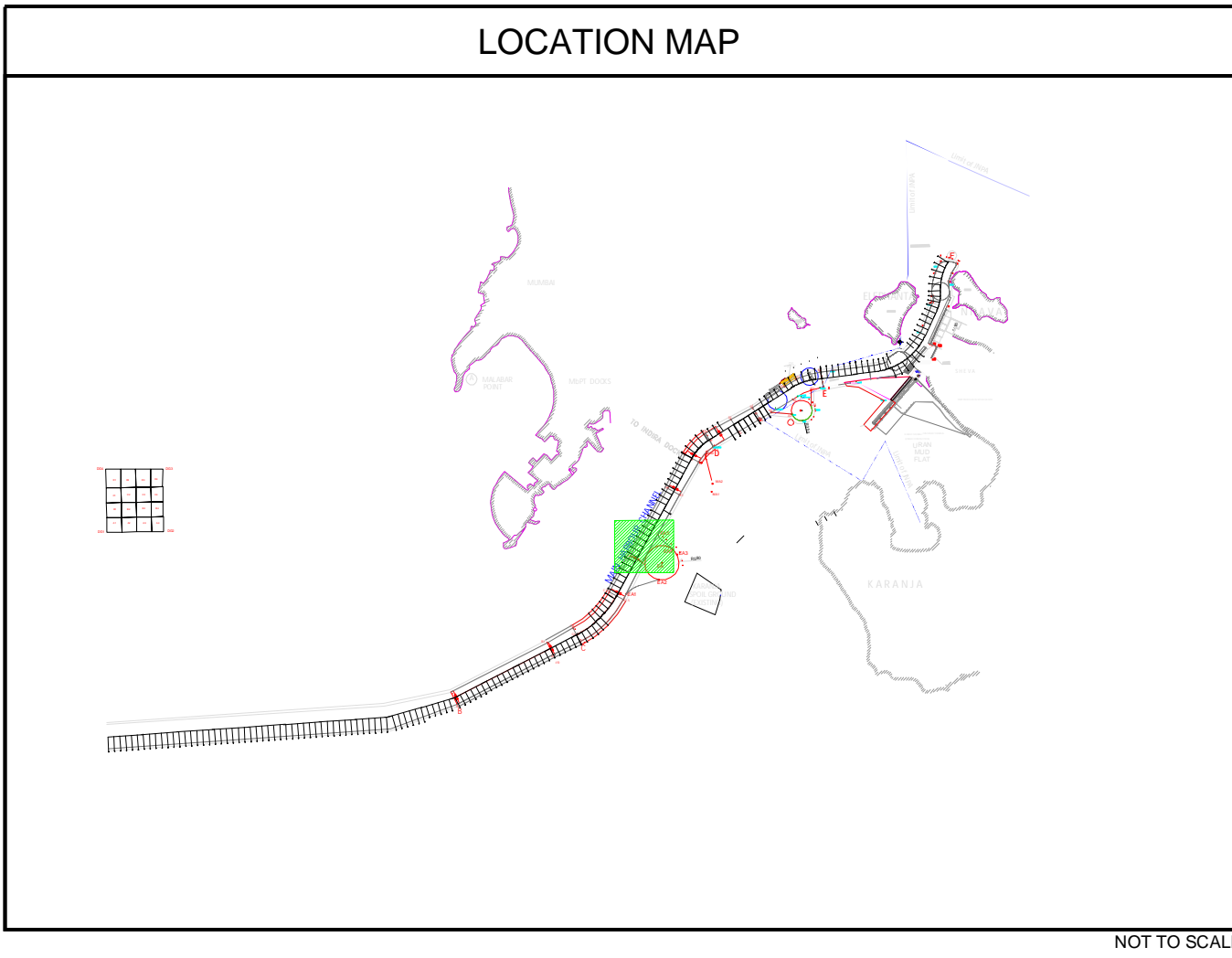
GEODETIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODETIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356752.314 m
Inverse flattening	298.2572226
PROJECTION	Universal Transverse Mercator
Control Method (ICM)	UTM '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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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)
CHANGE 19200 - 20,600

HORIZONTAL SCALE 1 : 2000

Scale
40m 80m 120m 160m 200m

Authorized Signatory

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

Drawing No: 6148-SUR-PO-094-CD