

LEGEND:

- GENERAL
 - UTM GRID INTERSECTION (WGS84)
 - GEOGRAPHICAL GRID INTERSECTION (WGS 84)
 - KILOMETRE POST
- MATCH LINE
- TOE LINE OF CHANNEL

Section D-E Maintained level: 14.00m (Without Tolerance)
Section C-D Maintained level: 14.00m (Without Tolerance)

BATHYMETRY
WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

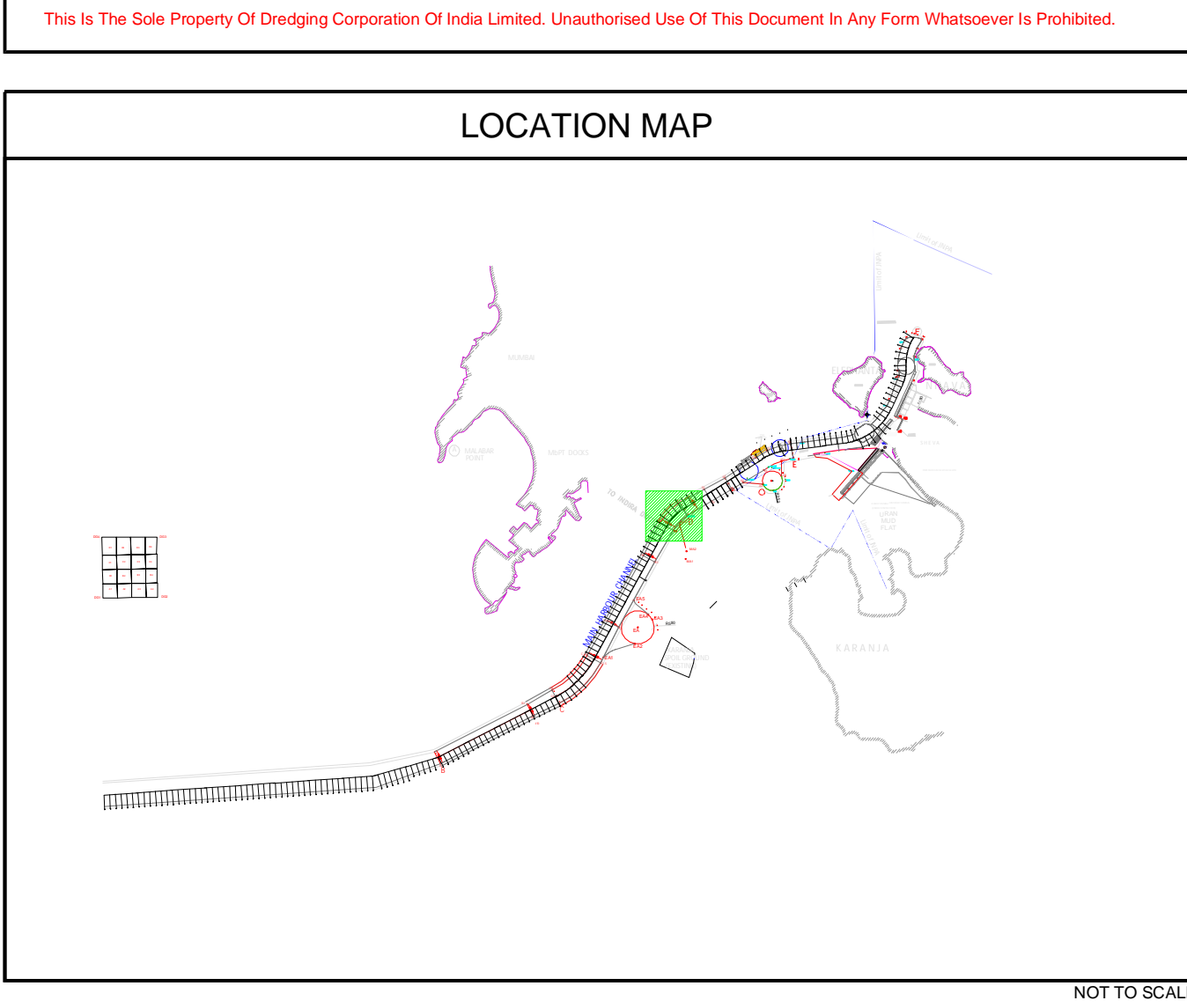
- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL 'MEER QUESER'
 - POSITION FIXING WAS CONTROLLED FROM SEPTRION ASTERIX POSITIONING SYSTEM.
 - HORIZONTAL ENGINEER'S TIDE GAUGE WAS DEPLOYED TO CARRY OUT TIDES SURVEY.
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JUNA LANDING, ITTY. BPK & SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - BENCH MARK AT JUNA LANDING, ITTY (BOLLARD) IS 2.75m ABOVE CHART DATUM. B.M. SUNK ROCK - 5.70m.
 - MOTION SENSOR DATA WAS USED TO COMPENSATE SEA SWELL.
 - SURVEY AREA COORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING.
 - ALL JOINT POST SURVEYS ARE JOINTLY CARRIED OUT BETWEEN: JANA, NCPWC (IM), DCO & ISPL.
 - ALL PLOTTED DATA IN 10m X 10m GRID SIZE.

GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	: WGS84
GEODEIC DATUM	: WGS84
ELLIPSOID	: GRS1975/500 M
Semi major axis	: 6378137.000 m
Semi minor axis	: 6356752.314 m
Inverse flattening	: 298.2572226
PROJECTION	: Universal Transverse Mercator
Central Meridian (CM)	: 72° E (Zone 43)
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
0	07-04-2024	6148-SUR-PO-091-CD	ISSUED FOR APPROVAL



CLIENT
JAWAHARLAL NEHRU PORT AUTHORITY
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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)
CHANNELAGE 23-400 - 25-000

SCALE
HORIZONTAL SCALE 1 : 2000

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

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