

LEGEND:

- GENERAL
 - UTM GRID INTERSECTION (WGS84)
 - GEOGRAPHICAL GRID INTERSECTION (WGS 84)
 - KILOMETRE POST
 - MATCH LINE
 - TOE LINE OF CHANNEL
- BATHYMETRY
 - WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

Section C-D Main channel level : 14.60m (Without Tolerance)

- NOTES:**
- 1) SURVEY WAS CARRIED OUT BY SURVEY VESSEL "M QUEEN"
 - 2) POSITION FIXING WAS CONTROLLED FROM SEPENTRION ASTERIX POSITIONING SYSTEM.
 - 3) HONDEBERG ENGINEER'S TIDE GAUGE WAS DEPLOYED TO CARRY OUT TIDES SURVEY.
 - 4) OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JN PORT LANDING, UTILITY BPF AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM.
 - 5) BENCH MARK AT JN PORT LANDING, UTILITY BOLLARD IS 2.75m ABOVE CHART DATUM. BPF = 6.70m, Sunk Rock = 5.70m.
 - 6) MOTION SENSOR COASTS WERE USED TO COMPENSATE SEA SWELL.
 - 7) SURVEY AREA COORDINATES WERE PROVIDED BY THE CLIENT IN CAD DRAWING.
 - 8) ALL JONET POST SURVEYS ARE JOINTLY CARRIED OUT BETWEEN JNPA, NTPCW (ITCI), DCM & ISDPL.
 - 9) ALL PLOTTED DATA IN 10m x 10m GRID SIZE.

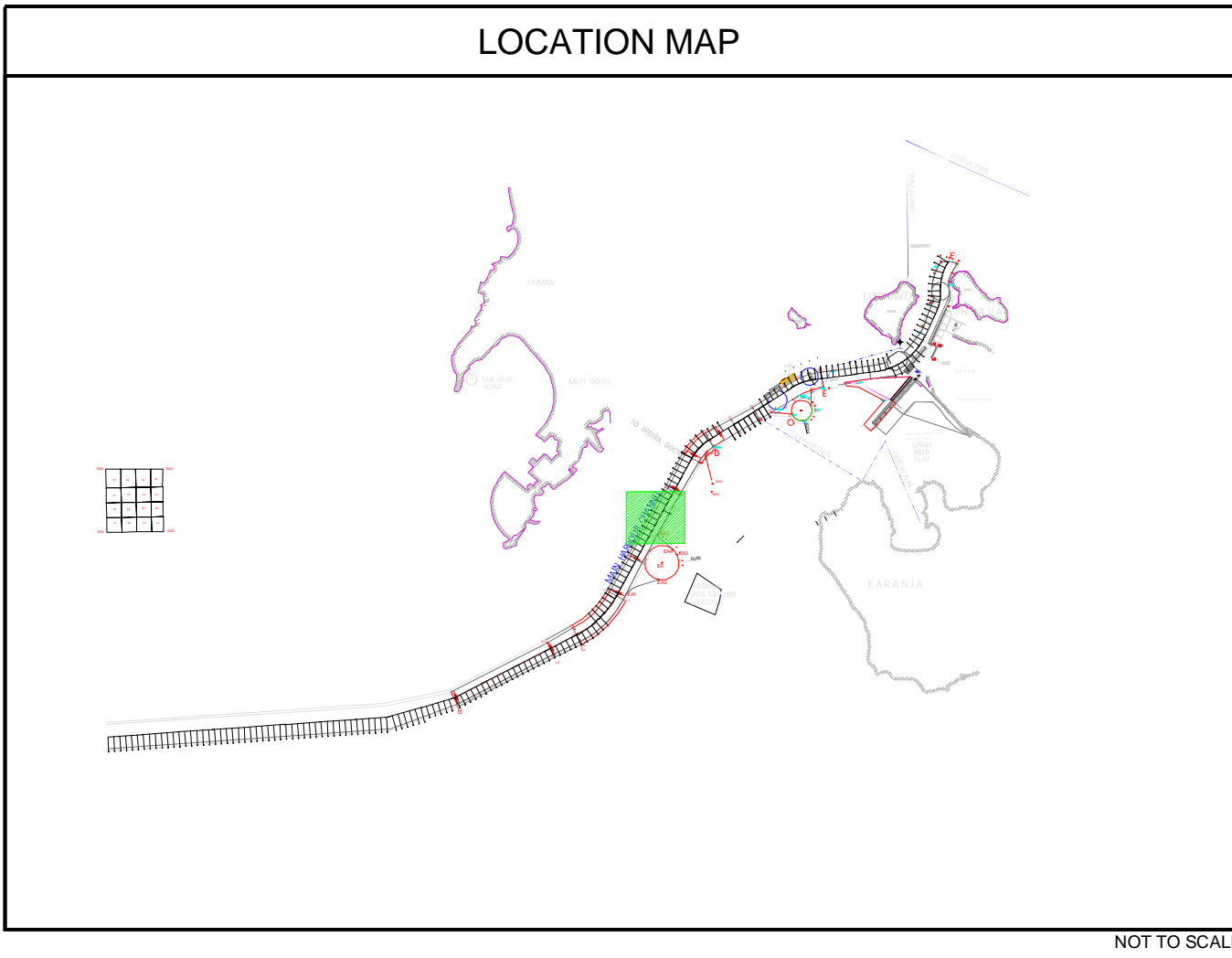
GEODEIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	: WGS84
GEODEIC DATUM	: WGS84
ELLIPSOID	: WGS84
Semi major axis	: 6378137.000 m
Semi minor axis	: 6356752.314 m
Inverse flattening	: 298.2572226
PROJECTION	: Universal Transverse Mercator
Central Meridian (CR)	: 72° E (Zone 48)
Latitude of Origin	: 0°
False Easting	: 500000 m
False Northing	: 0
Scale factor at CR	: 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)
CHANNEL 20,00 - 22,00

SCALE
HORIZONTAL SCALE 1 : 2000

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

Drawing No: 6148-SUR-PO-093-C