

LEGEND:

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

Section A-B Maintained level : 15.60m (Without Tolerance)

- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL 'ME QUEEN'
 - POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ASTERIX POSITIONING SYSTEM
 - KNOWN BENCHMARK WAS USED TO CARRY OUT TIDES SURVEY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT APNA LANDING JETTY. BFX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - BENCH MARK AT APNA LANDING JETTY (BOLLARD) IS 2.30m ABOVE CHART DATUM. BFX = 6.70m, Sunk Rock = 5.78m.
 - MOTION SENSOR OCTANS WAS USED TO DETERMINE SEA SWELL.
 - ALL POINTS SURVEYED ARE JOINTLY CARRIED OUT BETWEEN - JNPA, NTPCW (ITM, DCD & DPL) & ALL PLOTTED DATA IN 10m GRID SIZE.

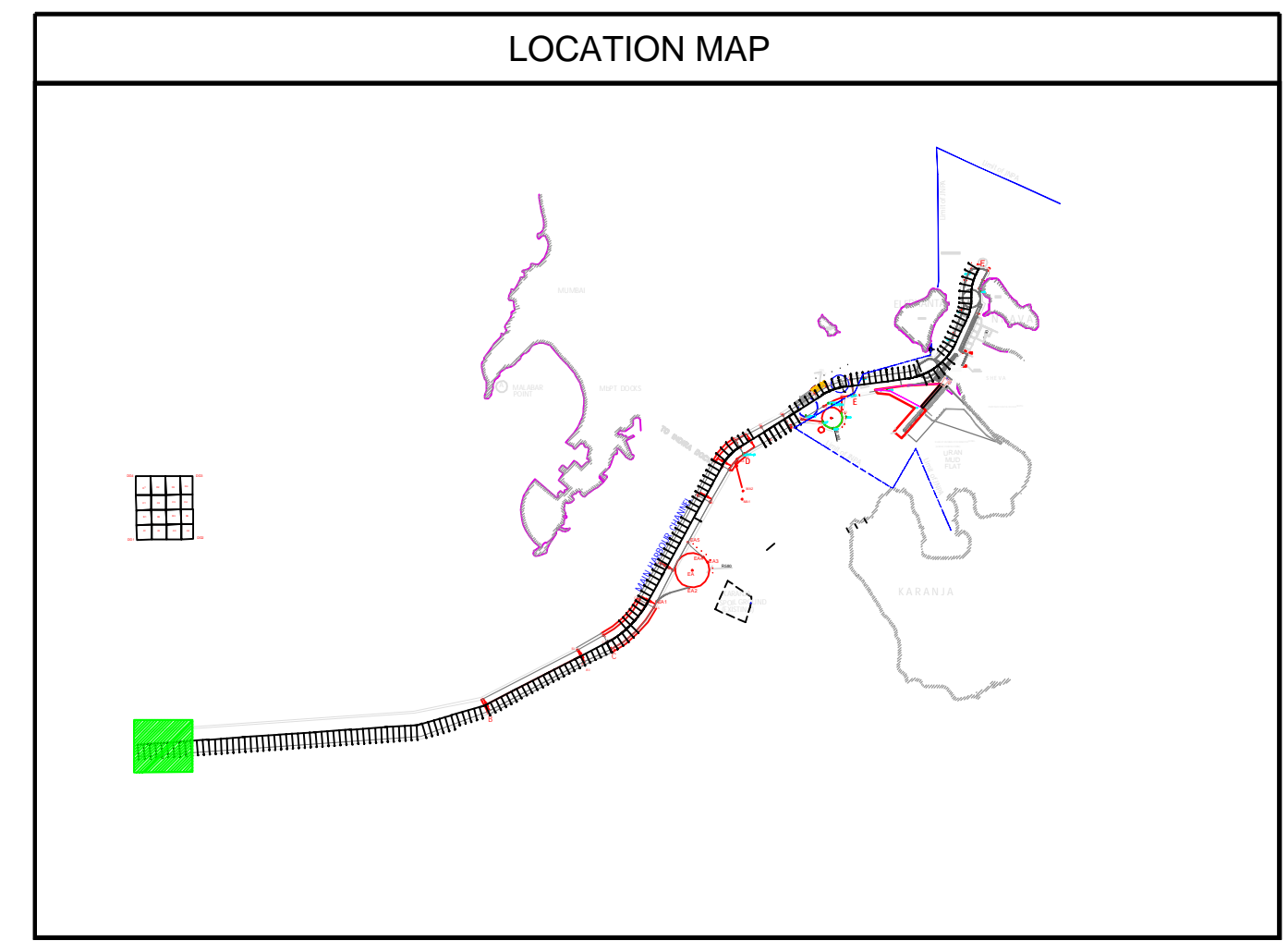
GEODETTIC PARAMETERS

HORIZONTAL COORDINATE SYSTEM	WGS84
GEODETTIC DATUM	WGS84
ELLIPSOID	WGS84
SEMI MAJOR AXIS	6378137.000 m
SEMI MINOR AXIS	6356752.314 m
INVERSE FLATTENING	298.257236
PROJECTION	Universal Transverse Mercator
Central Meridian (GM)	75° (Zone 48C)
Latitude of Origin	0.00000 m
Fals Easting	500000 m
Fals Northing	0 m
Scale Factor at CM	0.99960

REFERENCE DRAWINGS

Rev. No.	Date	Drawing No.	Description

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PROJECT
JOINT POST SURVEY 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 AB
CHANGE 00.00 - 01.700

SCALE
HORIZONTAL SCALE 1 : 2000

Scale bar: 0m, 40m, 80m, 160m, 200m

Vessel: ME QUEEN | Survey Date: 26 & 27 Mar 2024 | Authorized Signatory

Rev. No.	Date	Description
0	29-03-2024	Issued For Approval

Drawing No: 6148-SUR-PO-105-AB