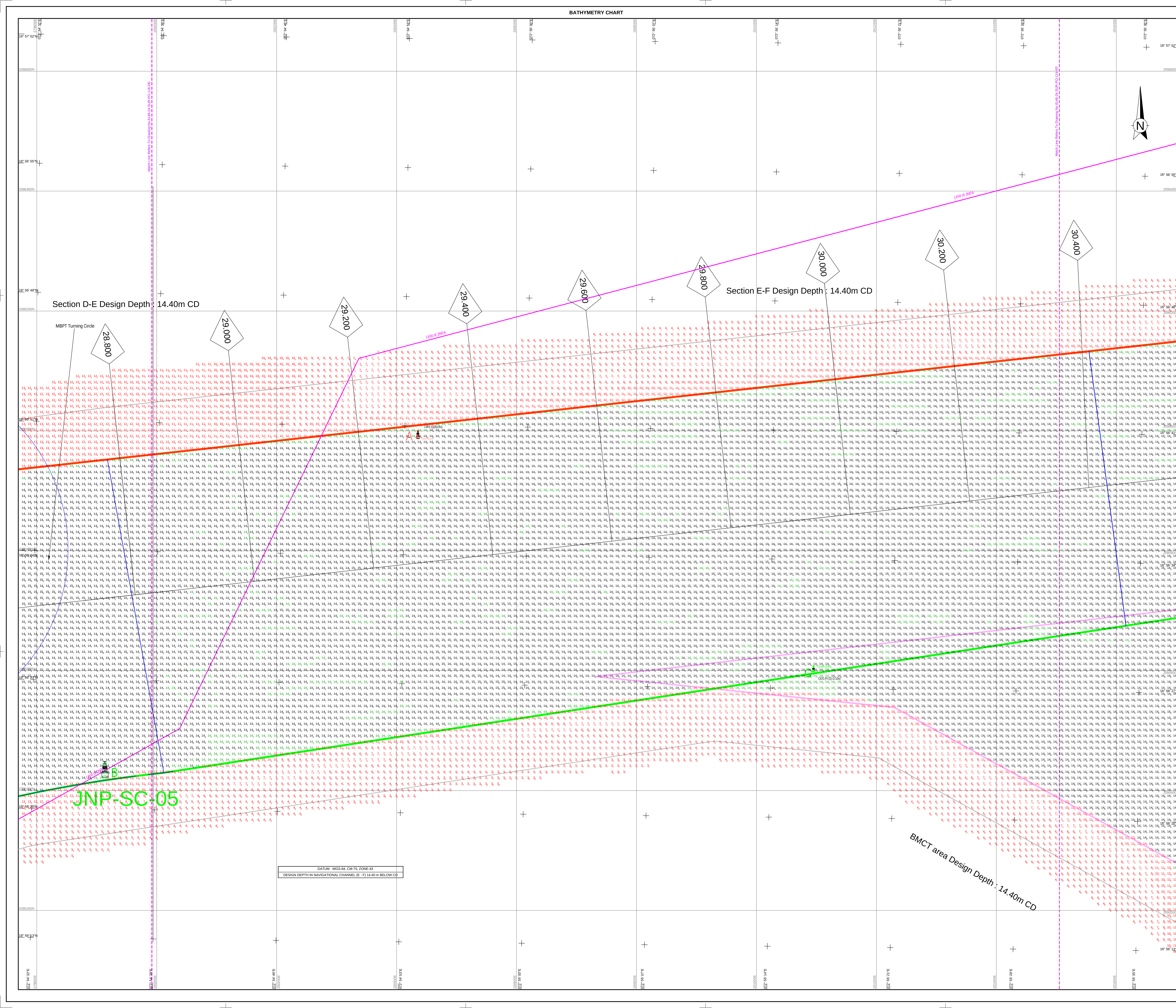




LEGEND:

GENERAL

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

BMCT Design Depth : 14.40m (Without Tolerance)
Section E - F Design Depth : 14.40m (Without Tolerance)

BATHYMETRY

WATER DEPTH IN METRES & DECIMETRES BELOW CHART DATUM

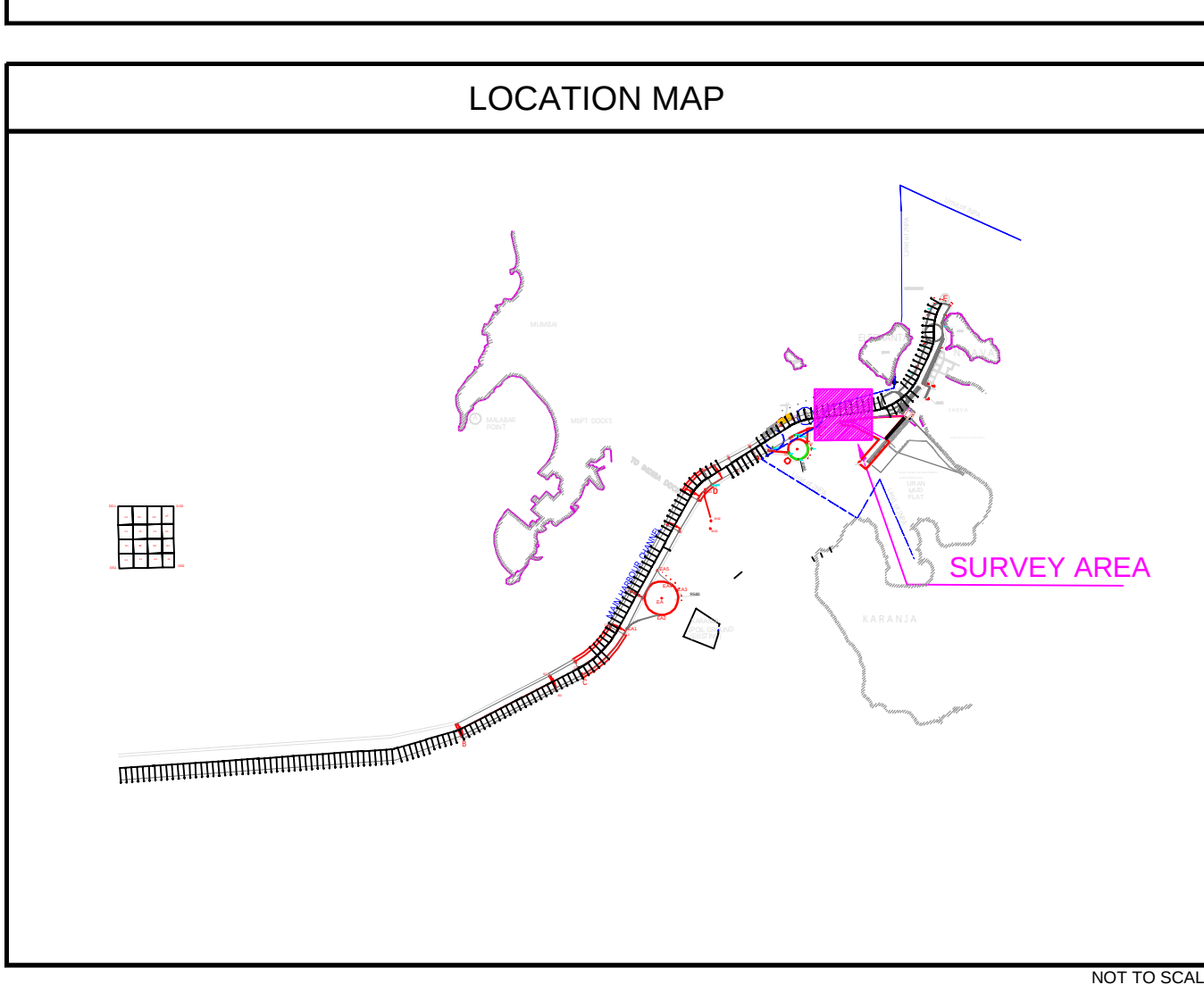
- NOTES:**
- SURVEY WAS CARRIED OUT BY SURVEY VESSEL "ME QUEEN"
 - POSITION FIXING WAS CONTROLLED FROM SEPTENTRIO ASTERIX POSITIONING SYSTEM
 - KONGSBERG EK600C MULTIBeam ECHOSOUNDER WAS DEPLOYED TO CARRY OUT MBES SURVEY
 - OBSERVED TIDE FROM AUTOMATIC TIDE GAUGE INSTALLED AT JNPA LANDING JETTY. BPX AND SUNK ROCK WERE USED FOR REDUCING RAW WATER DEPTH TO CHART DATUM
 - BENCH MARK AT JNPA LANDING JETTY (BOLLARD) IS 7.375 m ABOVE CHART DATUM. BPX = 6.70m, Sunk Rock = 5.780m
 - MOTION SENSOR OCTANE WAS USED TO COMPENSATE SEA SWELL
 - SURVEY AREA CO-ORDINATES WERE PROVIDED BY THE CLIENT IN ACAD DRAWING
 - ALL JWPOT POST SURVEYS ARE CARRIED OUT BETWEEN - JNPA, NTPCW (ITM), DCI & ISPOL
 - ALL PLOTTED DATA IN 10m x 10m GRID SIZE

GEODETTIC PARAMETERS

HORIZONTAL CO-ORDINATE SYSTEM	WGS84
GEODETTIC DATUM	WGS84
ELLIPSOID	WGS84
Semi major axis	6378137.000 m
Semi minor axis	6356583.846 m
Inverse Flattening	298.2572226
PROJECTION	Universal Transverse Mercator
Central Meridian (CM)	77° 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



CLIENT

JAWAHARLAL NEHRU PORT AUTHORITY

ADMINISTRATION BUILDING,
SHEVA,
NAVI MUMBAI - 400 707

Tel. : 022 6781 4156/ 6781 4154, Fax: 022 6781 4178

PMC

NATIONAL TECHNOLOGY CENTRE FOR PORTS WATERWAYS AND COASTS

IIT MADRAS

CHENNAI - 600 035

TEL: +91 44 22578915

CONTRACTOR

DREDGING CORPORATION OF INDIA LIMITED

DREDGE HOUSE, HB COLONY MAIN ROAD, SEETHAMMAHADARA,
VISAKHAPATNAM - 530 022

ANDHRA PRADESH STATE, INDIA

TEL: +91 0891-2523250 - +91 0891-2871230

SUB-CONTRACTOR

INTERNATIONAL SEAPORT DREDGING PVT LTD

Olympia Cyberspace
9th Floor, 21/22 Alandur Road
Anulagammarpet
2nd Street, Guindy, Chennai - 600032

Tel Fax : +91(0) 44 43 12 99 01

PROJECT

JOINT POST SURVEY - 2025

MULTI-BEAM BATHYMETRY SURVEYS

IN NAVIGATIONAL AREA OF JN PORT

NAVI MUMBAI & MUMBAI PORT CHANNEL

WEST COAST OF INDIA

FY 2024-25

BATHYMETRY CHART SECTION EF

CHAINAGE 29,000 - 30,400

SCALE

HORIZONTAL SCALE 1 : 2000

40m 0m 40m 80m 120m 160m 200m

Vessel : ME QUEEN | Survey Date : 26.27.28 Mar & 14 Apr 2025

Authorized Signatory

Rev. No.	Date	Description	ISPOL	DCI	ITM	JNPA	JNPA	JNPA
0	18-04-2025	Issued For Approval						

Drawing No: 6148-24-SUR-PO-115-EF

Chart: Encl: P-Size: A0