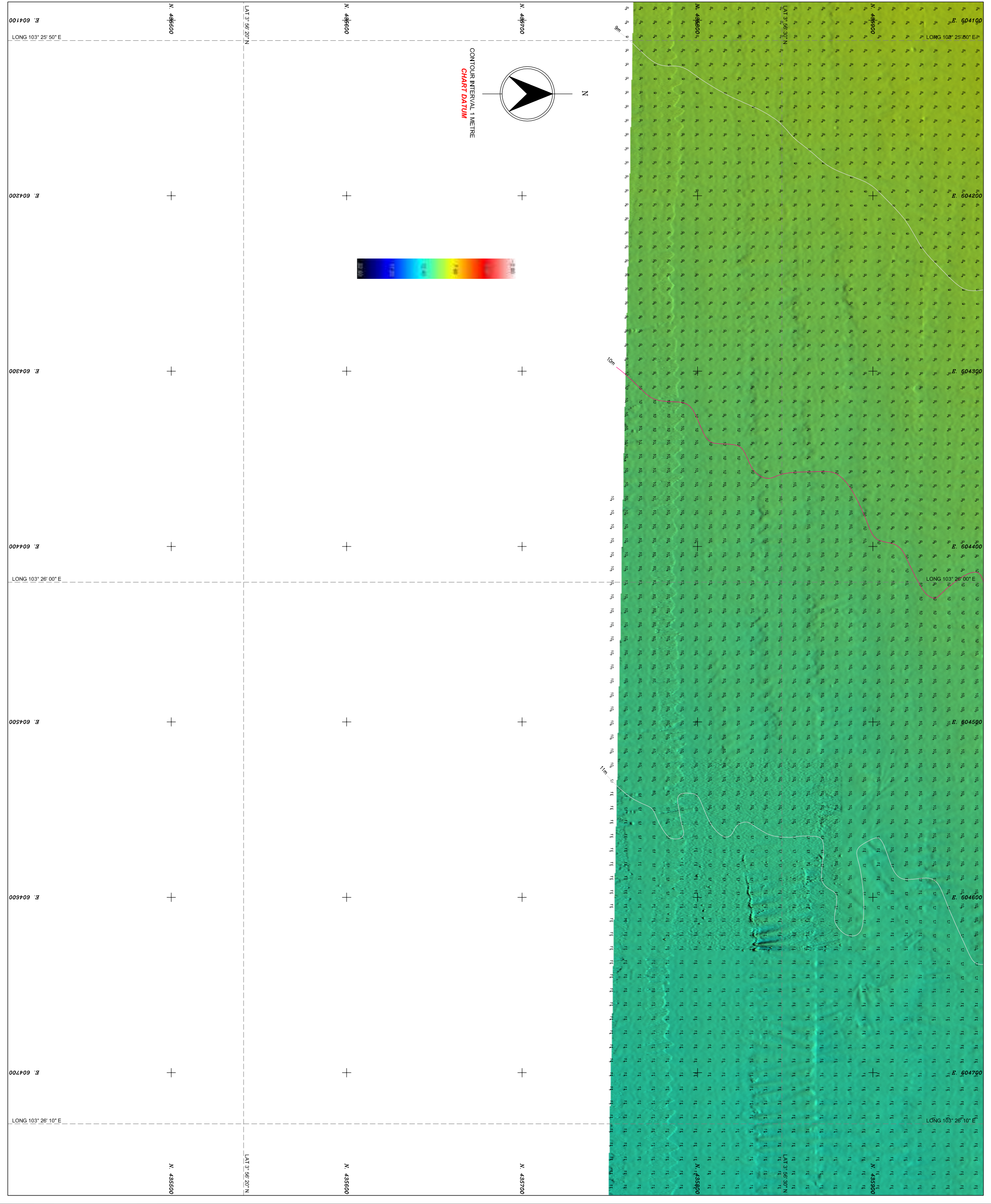




LEGEND / NOTES :

- 1. All measurement are in metres.
- 2. Coordinates is in MGSO .
- 3. All levels are based on Bench Mark No. BM 0031 (RL : 3.84m NGVD (RL : 3.000m CD))
- 4. Chart Datum at Taring Peling is 1.76m Below Mean Higher High Water (MHHW)
- 5. Hydrographic Datum (HSD) is 1.76m Below Mean Higher High Water (MHHW)
- 6. **1.76** Depth denotes metres above Chart Datum (CD).
- 7. **1.76** Depth denotes metres below Chart Datum (CD).

NOTES :

TIDAL LEVELS AT TAKING GAGES
(Assisted from Royal Malaysian Navy, The date 2016)

NGVD (m)	LAT/CD (m)
2.06	3.84
1.56	3.34
0.50	2.28
0.14	1.92
0.00	1.76
-0.21	1.57
-1.28	0.50
-1.78	0.00

DATUM RELATIONSHIP DIAGRAM

Geoidetic Data

Spheroid : Malaysian Revised Everest
Semi Major Axis : 6 377 304.063 metres
Semi Minor Axis : 6 356 103.039 metres
Eccentricity Squared : 0.006 637 846 6302
Reciprocal Flattening (1/f) : 300.8017

Origin of Meridian of Reference

Projection : Pseudo Cylindrical
Origin of Meridian : G. Singapore
Longitude of Origin (GM) : E 102° 26' 10.724 E
Latitude of Origin : N 03° 42' 39.50 N
False Easting : 0 m
False Northing : 0 m

CLIENT :

Muhibbah Engineering (M) Bhd
Lot 586 & 579 - 2nd Mile
Jalan Bauru Lama
41300 Klang
Selangor Darul Ehsan

Tel: (603) 3342 4323 Fax: (603) 3342 4327

PROJECT TITLE:

MUHIBBAH KUANTAN MARITIME HUB

DRAWING TITLE:

HYDROGRAPHIC AND TOPOGRAPHIC SURVEY - CHART DATUM -

Surveyed By: Shafiqul Rizwan Amir
Sketcher: Anwar Hashim Bahari
Ammar Arie Long
Plotted By: Mastura
Checked By: Shafiqe / Hairul
Approved By: S. Lee Chenk Hock

Date of Survey: 29th June - 30th July 2016

SCALE:

1 : 1000

Supervisors Drawing No:

JPWS/16/PHG/633006/32

Drawing Date:

22nd August 2016

Client's Drawing No :

Sheet No :
Rev :
DATE
REPORT NO : 918/2016

Chartered & Licensed Land Surveyors :

JURUKUR PERUNDING SERVICES SDN. BHD. (INCORP.)
7, JALAN INDOLESI 2/3
TAMAN INDUSTRI PUSAT BANDAR PUCHONG
47100 PUCHONG, SELANGOR DARUL EHSAN
Tel: (603) 3342 3339 Fax: (603) 8882 2997
Email: survey@jpsb.com.my