

CONTOUR INTERVAL 1 METRE  
CHART DATUM

376

PHOTO TG3



PHOTO TG3A



PHOTO TG4



PHOTO TG4A



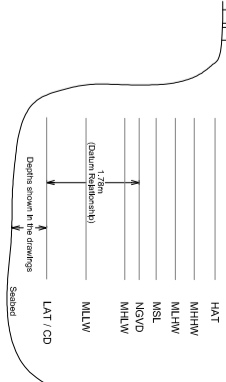
LEGEND / NOTES :

- All measurements are in metres.
- Coordinates are in MRSO.
- All levels are based on Bench Mark No. BM 0031 (RL: 3.84m NGVD) (RL: 3.652m CD).
- Chart Datum at Tanjung Gelang is 1.76m Below Mean Higher High Water (MHHW).
- Chart Datum (CD) is 1.76m Below Mean Higher High Water (MHHW).
- Horizontal Datum (HD) is derived from 3 proven boundary marks at lot 27099 (PA: 128128).

NOTES :

TIDAL LEVELS AT TANJUNG GELANG  
(Established from Royal Malaysian Navy Tide Table 2010)

NGVD (m)	LATCD (m)
Highest Astronomical Tide (HAT)	3.84
Mean Higher High Water (MHHW)	3.34
Mean Higher Low Water (MHLW)	2.28
Mean Sea Level (MSL)	1.92
Land Survey Datum (MSLD)	0.00
Mean Higher Low Water (MHLW)	-0.21
Mean Lower Low Water (MLLW)	-1.28
Lowest Astronomical Tide (LAT) @ Chart Datum (CD)	-1.76
Chart Datum (CD)	0.00



GEODETIC INFORMATION :

Geoidetic Data : Malaysian Revised Everest Spheroid  
 Semi Major Axis : 6 377 204.063 metres  
 Semi Minor Axis : 6 356 103.039 metres  
 Eccentricity Squared : 0.006 637 246 6302  
 Reciprocal Flattening (1/f) : 300.8017

Origin of Meridian of Reference : Putrajaya State Capital  
 Projection : G. Spherum  
 Origin of Meridian : G. Spherum  
 Longitude of Reference : E 102° 26' 10.24 E  
 Longitude of Origin (GM) : E 102° 26' 10.24 E  
 Latitude of Origin : N 05° 42' 39.50 N  
 False Easting : 0 m  
 False Northing : 0 m

CLIENT :

Muhibbah Engineering (M) Bhd  
 Lot 586 & 579, 2nd Mile  
 Jalan Bukit Tinggi Lama  
 41300 Klang  
 Selangor Darul Ehsan  
 Tel: (603) 3342 4233 Fax: (603) 3342 4227

PROJECT TITLE :

**MUHIBBAH KUANTAN MARITIME HUB**

DRAWING TITLE :

**SURVEY OF CONTROL STATIONS AND PHOTOGRAPH - CHART DATUM -**

Checked By: Mastura  
 Drawn By: Mastura  
 Approved By: S. Lee Cheuk Hock

Checked By: Sharfzie / Hairul

SCALE : 1 : 7500

Horizontal Scale : 1 cm = 75 m  
 Vertical Scale : 1 cm = 75 m

Surveyor's Drawing No.: JPWS/16/PH/G53/006/INDEX2  
 Drawing Date: 22nd August 2016  
 Client's Drawing No.:  
 Sheet No.:  
 Rev.:

Chartered & Licensed Land Surveyors:

**JURUKUR PERUNDING SERVICES SDN. BHD.**

27, JALAN INDIAN BROS, 7  
 TAMAN INDUSTRI PULUT BANDAR PUCHONG  
 47100 PUCHONG, SELANGOR DARUL EHSAN  
 TEL: (603) 5223 2289 FAX: (603) 8822 2997  
 Email: info@jurukurperunding.com