

**TG2**

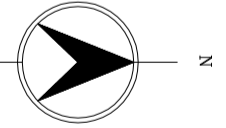
N	43866841
E	601104.38
RL	8.83m CD

Pipe In Concrete

**TG2A**

N	43866682
E	601151.77
RL	8.72m CD

Nail On Concrete



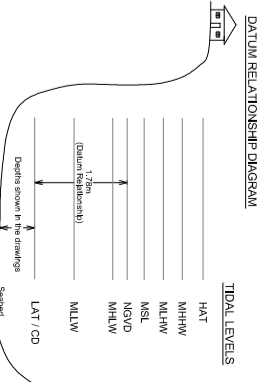
CONTOUR INTERVAL: 1 METRE  
CHART DATUM

**LEGEND / NOTES :**

- All measurements are in metres.
- Coordinates is in MRSO.
- All levels are based on Bench Mark No. BM 00311 (RL: 3.84m NGVD) (RL: 5.65m CD)
- Chart Datum at Taming Galang is 1.76m Below Mean Sea Level (MSL)
- Chart Datum (MSL) is 0.00m
- Depth soundings are based on 3 percent boundary marks at Lat 27099 (PA: 125125)
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**TIDAL LEVELS AT TANGKAS SELANG**  
(Established from Royal Malaysian Navy Tide Table 2016)

NSVD (m)	LAT/CD (m)
Highest Astronomical Tide (HAT)	3.84
Mean Higher High Water (MHHW)	3.34
Mean Lower High Water (MLHW)	2.28
Mean Sea Level (MSL)	1.92
Land Survey Datum (MSLD)	0.00
Mean Higher Low Water (MHLW)	1.57
Mean Lower Low Water (MLLW)	0.50
Lowest Astronomical Tide (LAT) @ Chart Datum (CD)	-1.76
Chart Datum (CD)	0.00



**GEOGRAPHIC INFORMATION :**

**Geoidetic Data**

- Spheroid : Malayan Revised Everest
- Semi Major Axis : 6 377 304.663 metres
- Semi Minor Axis : 6 356 103.039 metres
- Eccentricity Squared : 0.006 637 846 6392
- Reciprocal Flattening (1/f) : 300.8017

**Origin of Meridian of Reference**

- Projection : Pseudo Cylindrical Cassini
- Origin of Meridian : G. Singapore

**Longitude of Reference**

- Longitude of Origin (GM) : E 102° 26' 10.24 E
- Latitude of Origin : N 05° 42' 29.50 N
- Falses Easting : 0 m
- Falses Northing : 0 m

**CLIENT :**

Muhibbah Engineering (M) Bhd  
Lot 596 & 579, 2nd Mile  
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**MUHIBBAH Kuantan MARITIME HUB**

**DRAWING TITLE :**  
HYDROGRAPHIC AND TOPOGRAPHIC SURVEY - CHART DATUM -

**Checked By:** Mastura  
**Approved By:** S/ Lee Cheuk Hock

**Checked By:** Sharfide / Haidil

**Scale:** 1 : 1000

**Horizontal Scale:** 1 cm = 100 m

**Vertical Scale:** 1 cm = 10 m

**Surveyor's Drawing No.:** JPWS/16/PH/63300612  
**Client's Drawing No.:** 22nd August 2016

**Revision Table:**

REVISION	DATE	REPORT NO.	9182018

**Charted & Licensed Land Surveyors:**  
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