



DESIGN DETAILS			
1	PIPELINE SYSTEM	MPA	HP
2	DESIGN CODE	ASME B31.8	ASME B 31.8
3	DESIGN PRESSURE/MAOP	2483 kPag	6897 kPag
4	OPERATING PRESSURE RANGE	1034~2483 kPag	3000~6897 kPag
5	MIN. SPECIFIED TEST PRESSURE	3724 kPag	10345 kPag
6	MATERIAL	STEEL	STEEL
7	CLASS LOCATION	4	4
8	DESIGN TEMPERATURE	15~55°C	15 ~ 55°C
9	FLOWRATE		

- LEGENDS:
- PGU LINE
  - EXISTING FEEDER LINE (MPA)
  - PROPOSED FEEDER LINE (MPA)
  - PROPOSED FEEDER LINE (MPA) [EPC OF NGDS TO HUTAN MELINTANG FL ST 1/23]
  - EXISTING CITY GATE STATION
  - EXISTING ODRISER STATION (MPA)
  - EXISTING SERVICE STATION (MPA)
  - OPEN VALVE
  - CLOSE VALVE
  - END CAP
  - EXPANDER
  - REDUCER

- NOTES:
- PROPOSED SERVICE AND BRANCHING OFF VALVES TO BE LOCATED AT THE OUTSIDE OF CUSTOMER BOUNDARY AND TO BE PLACED CLOSEST POSSIBLE TO THE BRANCHING POINT.
  - MAOP : MAXIMUM ALLOWABLE OPERATING PRESSURE.
  - THE INFORMATION IN THE DRAWING IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF THE DRAWING AT SITE.

DISCLAIMER:  
GMD DOES NOT GUARANTEE AND MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OR SCALE OF THIS PLAN. THIS COMPANY ACCEPT NO LIABILITY FOR ANY LOSS, DAMAGE, OR INJURY SUFFERED BY ANY PERSON AS A RESULT OF ANY INACCURACY IN THIS PLAN.

REFERENCE DRAWING			
NO.	DRAWING TITLE	DRAWING NO.	

  

REVISION				
NO.	DATE	DESCRIPTION	DSGND/DRAWN	CHKD/ APPR

OWNER: **GAS MALAYSIA DISTRIBUTION SDN BHD**  
NO.5, GROUND FLOOR,  
JALAN SERENDAH 26/17,  
SEKSYEN 26,  
40732 SHAH ALAM,  
SELANGOR DARUL EHSAN.

A Member of Gas Malaysia Berhad

CONTRACTOR:

CERTIFIED BY COMPETENT PERSON:  
NAME:  
REG. NO.:  
DATE:

PROJECT TITLE:  
EPC OF NATURAL GAS DISTRIBUTION SYSTEM TO TELUK INTAN FL STAGE 2/24 (PACKAGE II)  
TELUK INTAN  
PERAK DARUL RIDZUAN

DRAWING TITLE:  
PROPOSED GAS PIPELINE ROUTE

DRAWING NO.:	GMD/NDS/TELUKINTANFLST2_24/001D_AAN	REV.	0
DESIGNED	AAN	APPROVED :	OM
DRAWN	SAS		
REVIEWED	SAM		
CHECKED	SAM		
TYPE	DRF		
DATE	31/05/2024	HEAD OF NETWORK DEVELOPMENT SECTION	
SCALE	NTS	CAD FILE NAME:	GMD-NDS-TLK-001-RO

**PROPOSED ROAD AND PGU CROSSING (3.920382,100.950253)**

**EPC OF NGDS TO HUTAN MELINTANG FL STAGE 1/23 (UNDER TENDERING STAGE) BY THIS CONTRACTOR**

**EPC OF NGDS TO TELUK INTAN FL STAGE 1/24 (PACKAGE I) BY THIS CONTRACTOR**

**EPC OF NGDS TO TELUK INTAN FL STAGE 2/24 (PACKAGE II) BY OTHERS**