



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 ODOURISER 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:
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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:
 SCHEMATIC DIAGRAM AND VALVE DESIGNATION

DRAWING NO.: GMD/NDS/TELUKINTANFLST2_24/002D_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-002-RO