



DESIGN DETAILS		
1	PIPELINE SYSTEM	MPA MPB
2	DESIGN CODE	ASME B31.8 ASME B31.8
3	DESIGN PRESSURE/MAOP	2483 kPag 400 kPag
4	OPERATING PRESSURE RANGE	1034~2483 kPag 241~400 kPag
5	MIN. SPECIFIED TEST PRESSURE	3724 kPag 600 kPag
6	MATERIAL	STEEL PE
7	CLASS LOCATION	4 4
8	DESIGN TEMPERATURE	15~55°C 15~55°C
9	FLOWRATE	

LEGENDS:

	EXISTING FEEDER LINE (MPA)
	PROPOSED SERVICE LINE (MPA)
	EXISTING DISTRIBUTION LINE (MPB)
	EXISTING DISTRICT STATION (MPA)
	EXISTING SERVICE STATION (MPA)
	EXISTING SERVICE STATION (MPB)
	PROPOSED SERVICE STATION (MPA)
	CLOSE VALVE
	OPEN VALVE
	END CAP

- NOTES:
1. 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.
  2. MAOP : MAXIMUM ALLOWABLE OPERATING PRESSURE.
  3. 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 ACCEPTS 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.

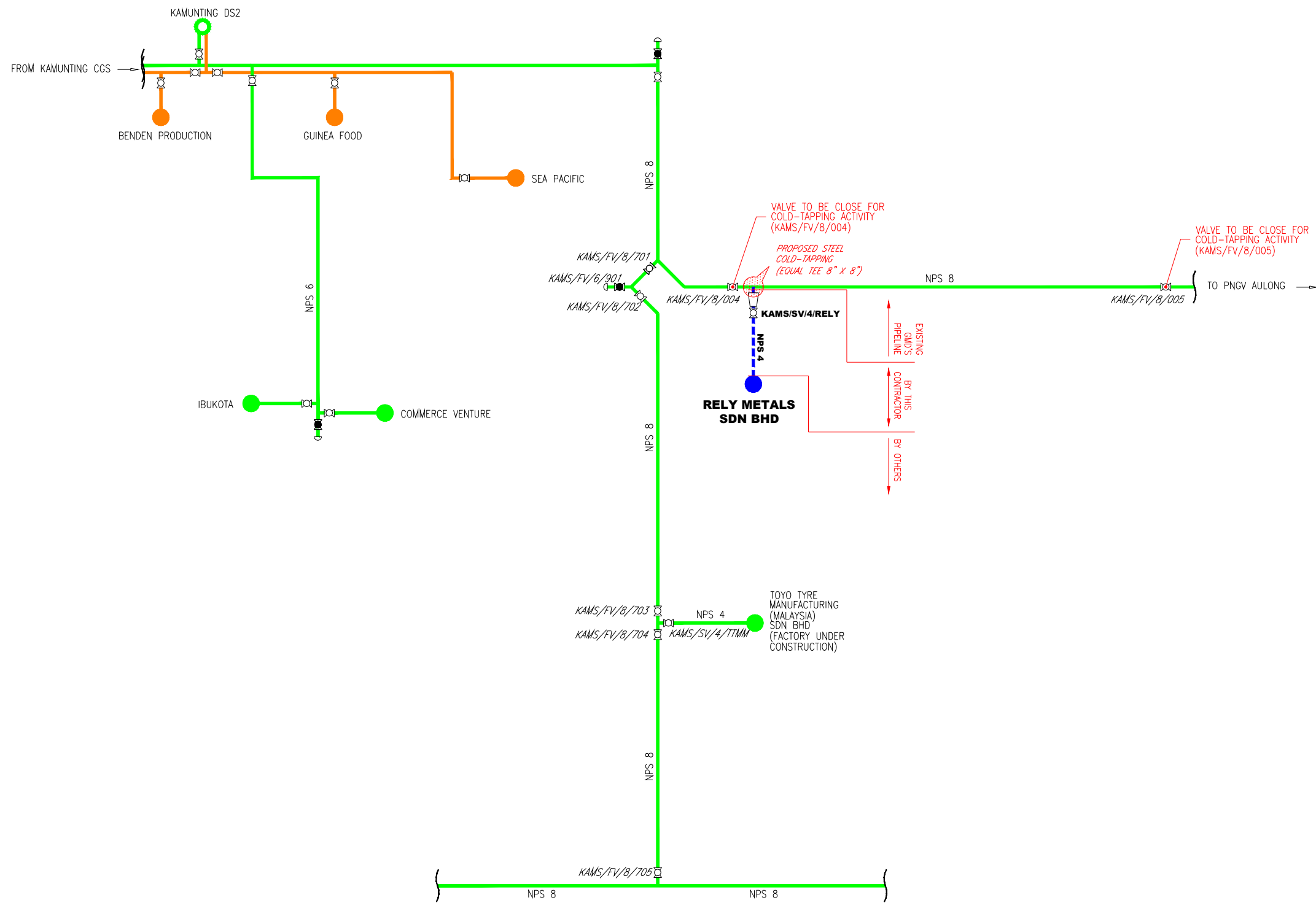
CONTRACTOR:

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

PROJECT TITLE:  
 NATURAL GAS DISTRIBUTION SYSTEM TO  
 RELY METALS SDN BHD  
 KAMUNTING  
 PERAK DARUL RIDZUAN

DRAWING TITLE:  
 PROPOSED GAS PIPELINE ROUTE

DRAWING NO.: GMD/NDS/RELY/001A_MR		REV. 0
DESIGNED		APPROVED : OM
DRAWN	IN	
REVIEWED	AMR/MSA	
CHECKED	MMZ	
TYPE	AUTHORITY	
DATE	10.06.2025	HEAD OF NETWORK DEVELOPMENT SECTION
SCALE	NTS	CAD FILE NAME: NDS-RELY-001-R0-ATY



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	EXISTING DISTRIBUTION LINE (MPB)
	EXISTING DISTRICT STATION (MPA)
	EXISTING SERVICE STATION (MPA)
	EXISTING SERVICE STATION (MPB)
	PROPOSED SERVICE STATION (MPA)
	CLOSE VALVE
	OPEN VALVE
	END CAP
	REDUCER

- NOTES:
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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:  
EPCC OF NATURAL GAS DISTRIBUTION SYSTEM TO  
KAMUNTING FL STAGE 1/25  
KAMUNTING  
PERAK DARUL RIDZUAN

DRAWING TITLE:  
SCHEMATIC DIAGRAM AND VALVE DESIGNATION

DRAWING NO.: GMD/ND5/KAMUNTINGFLST11\_25/002D\_AMR REV. 0

DESIGNED	AMR	APPROVED : OM
DRAWN	IN	
REVIEWED	MSA	
CHECKED	MAZ	
TYPE	DRF	
DATE	12.06.2025	HEAD OF NETWORK DEVELOPMENT SECTION
SCALE	NTS	CAD FILE NAME:ND5-KAMUNTINGFLST11_25-002-R0-DRF