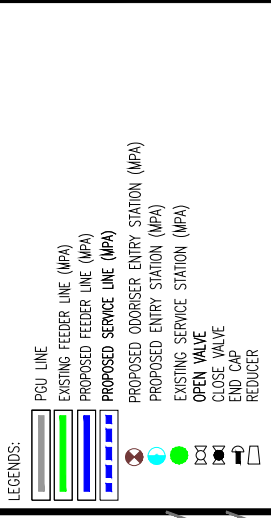


DESIGN DETAILS			
NO.	PIPELINE SYSTEM	MPA	MPB
1	ASME B31.8	400 kPag	400 kPag
2	2483 kPag	1034~2483 kPag	241~400 kPag
3	OPERATING PRESSURE RANGE	3724 kPag	600 kPag
4	MIN. SPECIFIED TEST PRESSURE	STEEL	PE
5	MATERIAL	4	4
6	CLASS LOCATION	15~55°C	15~55°C
7	DESIGN TEMPERATURE		
8	FLOWRATE		
9			



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 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.	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:

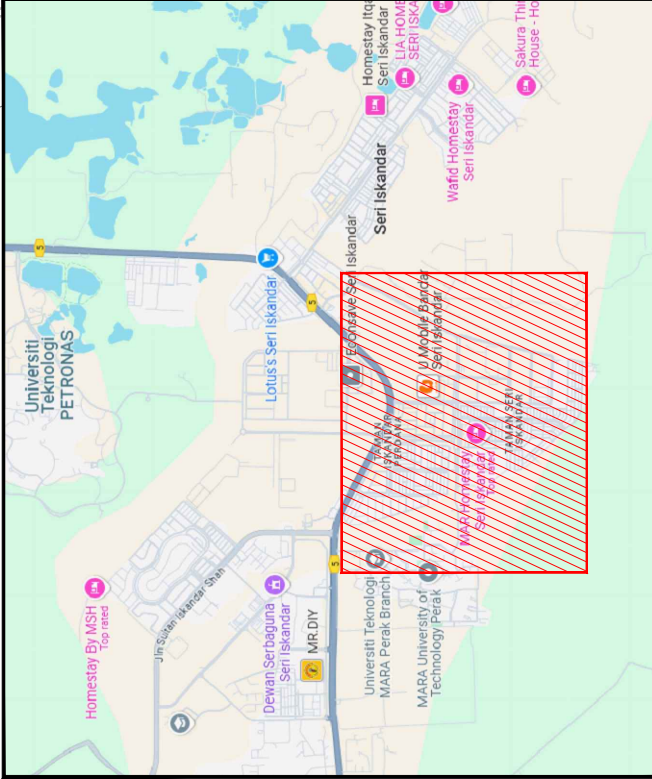
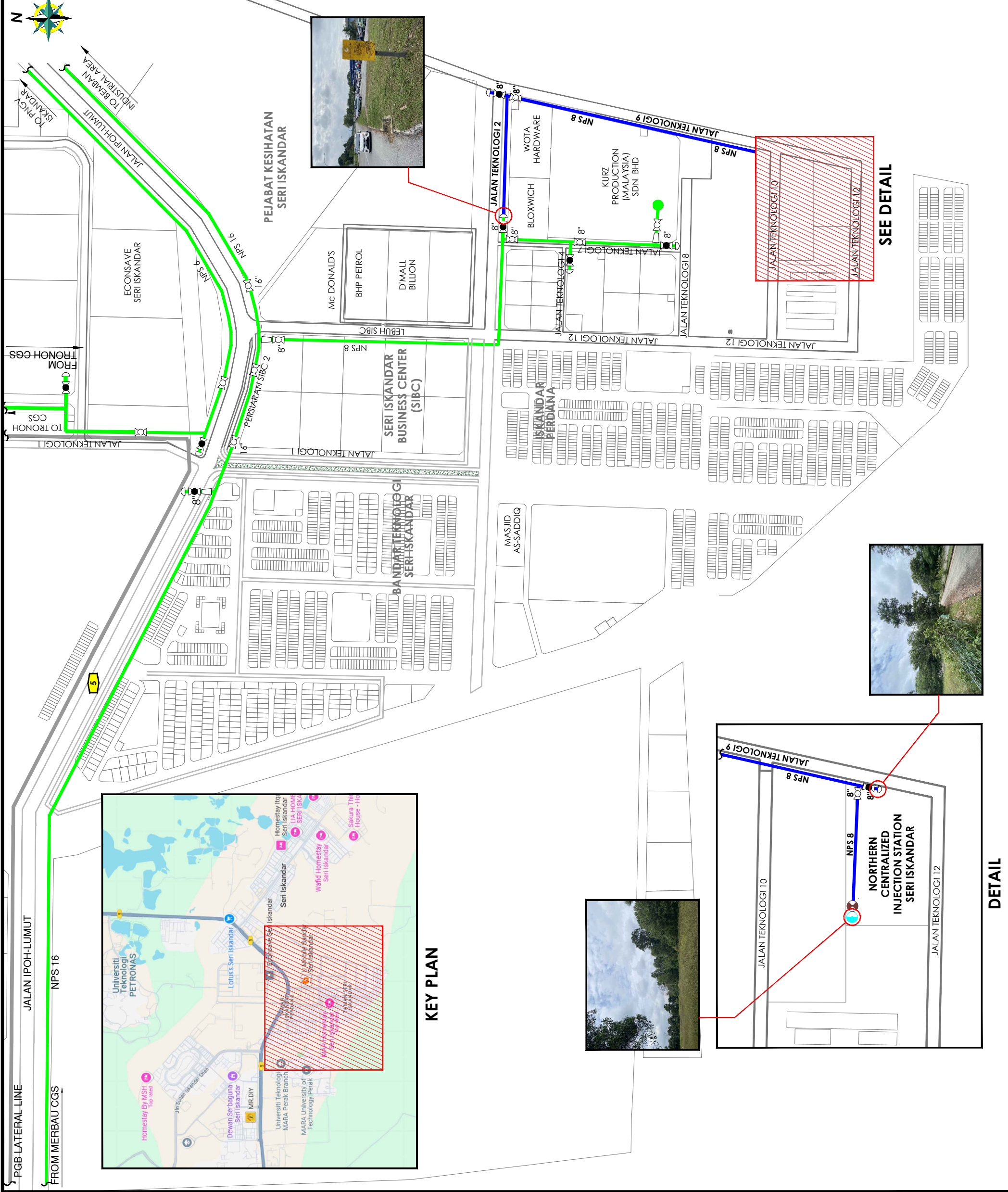
CERTIFIED BY COMPETENT PERSON:
 NAME:
 REG NO:
 DATE:

PROJECT TITLE:

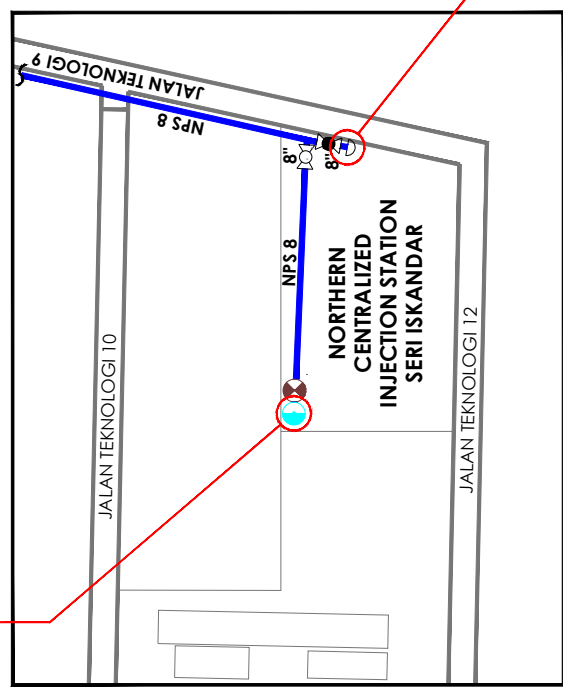
NATURAL GAS DISTRIBUTION SYSTEM TO
 NORTHERN CENTRALIZED INJECTION STATION
 SERI ISKANDAR
 PERAK DARUL ROZUAN

DRAWING TITLE: PROPOSED GAS PIPELINE ROUTE

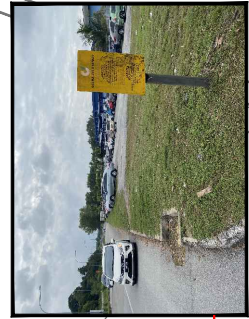
DRAWING NO:	GMD/ND5/2024/MR	REV:	0
DESIGNED:	MR	APPROVED:	OM
DRAWN:	MSR		
REVIEWED:	AAW/SAM		
CHECKED:	MMZ		
TYPE:	AUTHORITY		
DATE:	31/01/25	HEAD OF NETWORK DEVELOPMENT SECTION	
SCALE:	NTS	CAD: GMD/ND5/2024/MR/NORTHERN/AAW	



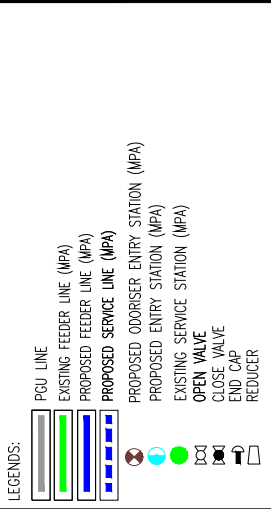
KEY PLAN



DETAIL



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		



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.

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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 HINTA VALLEY FL STAGE 2/25 SERI ISKANDAR PERAK DARUL RIDZUAN

DRAWING TITLE: SCHEMATIC DIAGRAM AND VALVE DESIGNATION

DRAWING NO: GMD/ND5/KINTA/VALLEY/FLST2_25/002D_AAN		REV.	0
DESIGNED	AAN	APPROVED :	OM
DRAWN	MSR		
REVIEWED	SAM		
CHECKED	SAM		
TYPE	DRF		
DATE	31/01/25	HEAD OF NETWORK DEVELOPMENT SECTION	
SCALE	NTS	CAD: GMD/ND5/2025/NRC/NORTHERN/AAN	

