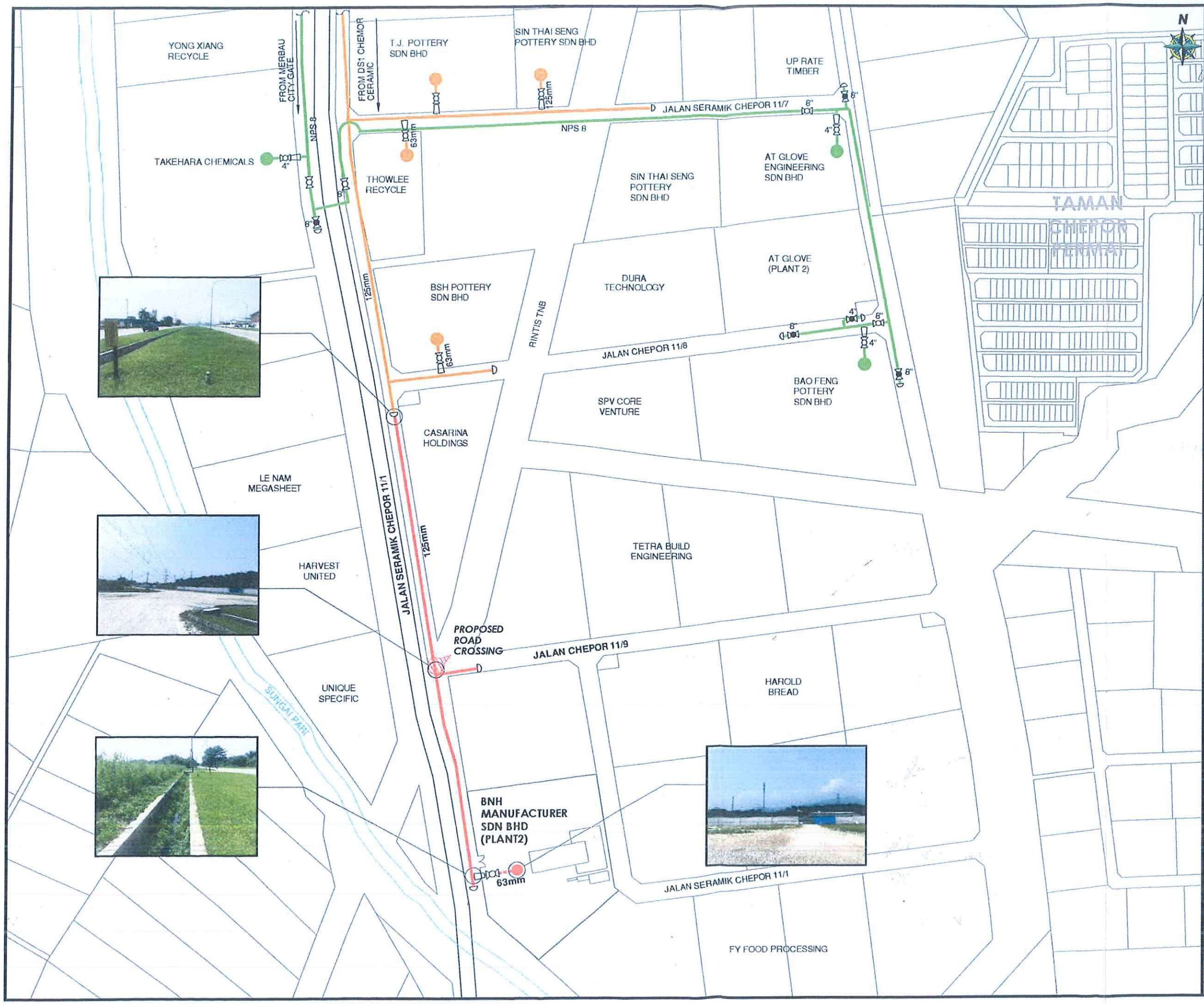

NO.	DESIGN DETAILS		
1	PIPELINE SYSTEM	MPA	MPB
2	DESIGN CODE	ASME B31.8	ASME B31.8
3	DESIGN PRESSURE/MAOP	2700 kPag	400 kPag
4	OPERATING PRESSURE RANGE	1034~2700 kPag	241~400 kPag
5	MIN. SPECIFIED TEST PRESSURE	4050 kPag	600 kPag
6	MATERIAL	STEEL	PE
7	CLASS LOCATION	4	4
8	DESIGN TEMPERATURE	15~55°C	15~55°C
9	FLOWRATE		

LEGENDS:

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

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:

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REFERENCE DRAWING

NO.	DRAWING TITLE	DRAWING NO.

REVISION

NO.	DATE	DESCRIPTION	DSGND	DRAWN	CHKD	APPR

OWNER:

GAS MALAYSIA DISTRIBUTION
A Member of Gas Malaysia Berhad

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: AHMAD YAZID BIN OMAR
REG NO: JG-T-1-A
DATE: 01-2013

PERAKUAN KEKOMPETENAN JURUTERA GAS

PROJECT TITTLE:

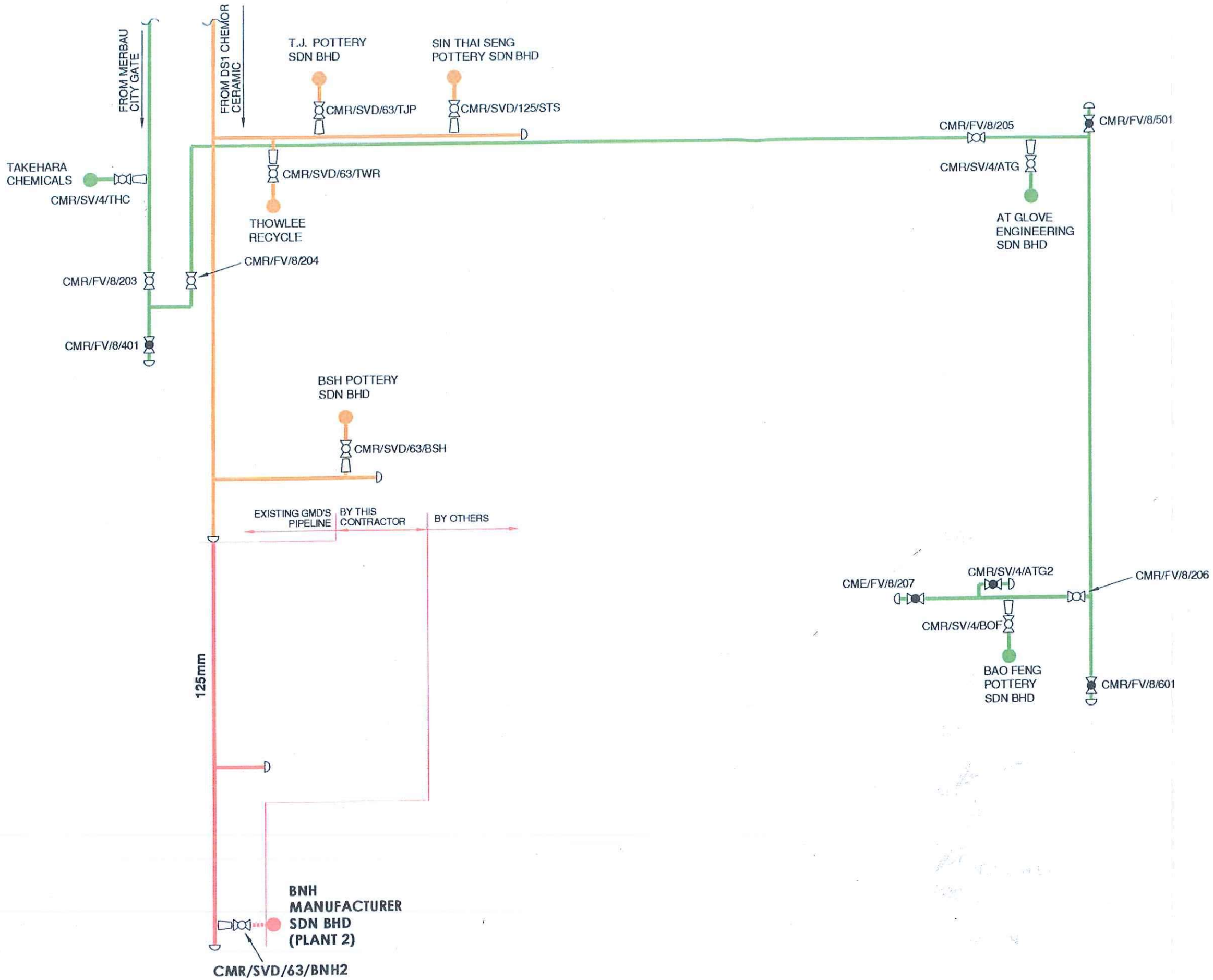
EPCC OF NATURAL GAS DISTRIBUTION SYSTEM TO KINTA VALLEY FL DL STAGE 1/24
CHEMOR
PERAK DARUL RIDZUAN

DRAWING TITTLE:

PROPOSED GAS PIPELINE ROUTE

DRAWING NO: GMD/NDS/KINTAVLFLDLST1_24/0030_AAN | REV. 0

DESIGNED	AAN	APPROVED : OM
DRAWN	MSR	
REVIEWED	SAM	
CHECKED	SAM	
TYPE	DRF	
DATE	04/04/2024	HEAD OF NETWORK DEVELOPMENT SECTION
SCALE	NTS	CAD: GMD/NDS/2024/NRO/BNHPLANT2/AAN



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REFERENCE DRAWING		
NO.	DRAWING TITLE	DRAWING NO.

REVISION						
NO.	DATE	DESCRIPTION	DSGND	DRAWN	CHKD	APPR

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REG NO: JG-T-1-A

DATE: 01-2013

PERAKUAN KEKOMPETENAN JURUTERA GAS

PROJECT TITLE:

EPCC OF NATURAL GAS DISTRIBUTION SYSTEM TO KINTA VALLEY FL DL STAGE 1/24
CHEMOR
PERAK DARUL RIDZUAN

DRAWING TITLE:

SCHEMATIC DIAGRAM AND VALVE DESIGNATION

DRAWING NO: GMD/NDS/KINTAVLFLDLST1_24/0040_AAN REV. 0

DESIGNED	AAN	APPROVED : OM
DRAWN	MSR	
REVIEWED	SAM	
CHECKED	SAM	
TYPE	DRF	
DATE	04/04/2024	HEAD OF NETWORK DEVELOPMENT SECTION
SCALE	NTS	CAD: GMD/NDS/2024/NRO/BNHPLANT2/AAN