

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

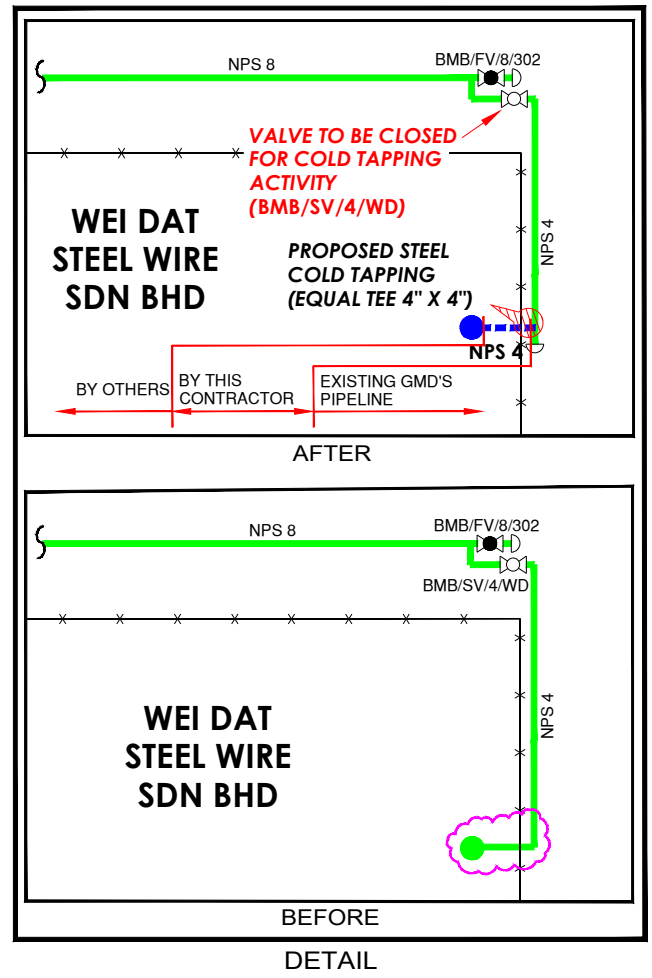
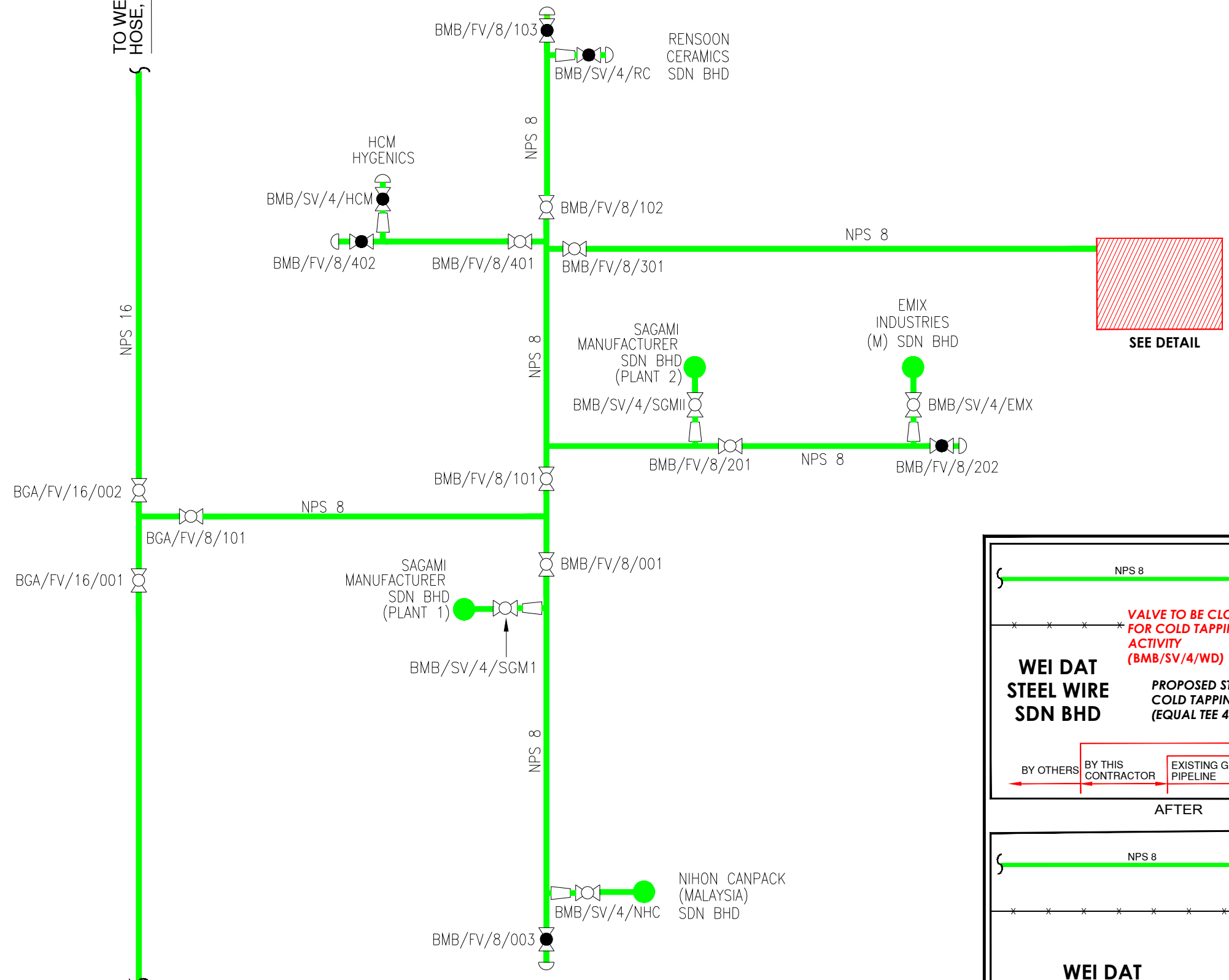
DRAWING TITLE:  
 SCHEMATIC DIAGRAM AND VALVE DESIGNATION

DRAWING NO: GMD/NDS/KINTAVLFLDLST1\_24/004D\_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

TO WELLCALL HOSE, PENGKALAN

FROM KURZ, SERI ISKANDAR



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

- LEGENDS:
- EXISTING FEEDER LINE (MPA)
  - PROPOSED SERVICE LINE (MPA)
  - EXISTING SERVICE STATION (MPA)
  - PROPOSED SERVICE STATION (MPA)
  - OPEN VALVE
  - CLOSE VALVE
  - END CAP
  - REDUCER
  - PIPELINE TO BE REMOVED AND END CAPPED AT THE OPENED (CUT) ENDS OF THE EXISTING PIPELINE SYSTEM.
  - EXISTING CIVIL WORK TO BE DEMOLISHED AND REINSTATEMENT WORK AS PER SURROUNDING CUSTOMER'S AREA.

- 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.

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,  
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A Member of Gas Malaysia Berhad

CONTRACTOR:

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

PROJECT TITLE:  
 EPCC OF NATURAL GAS DISTRIBUTION SYSTEM TO  
 KINTA VALLEY FLDL STAGE 1/24  
 BEMBAN INDUSTRIAL ESTATE, BATU GAJAH  
 PERAK DARUL RIDZUAN

DRAWING TITLE:  
 PIPELINE SCHEMATIC AND VALVE DESIGNATION

DRAWING NO.:	GMD/NDS/KINTAVFLDLST1_24/002D_AAN	REV.	0
DESIGNED	AAN	APPROVED :	OM
DRAWN	MSR		
REVIEWED	SAM		
CHECKED	SAM		
TYPE	DRF		
DATE	22/02/2024	HEAD OF NETWORK DEVELOPMENT SECTION	
SCALE	NTS	CAD FILE: NDS/2024/NRO/WEIDAT/001	