

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

LEGENDS:

| | |
|--|--------------------------------|
| | EXISTING FEEDER LINE (MPA) |
| | PROPOSED FEEDER LINE (MPA) |
| | PROPOSED SERVICE LINE (MPA) |
| | PROPOSED SERVICE STATION (MPA) |
| | 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:

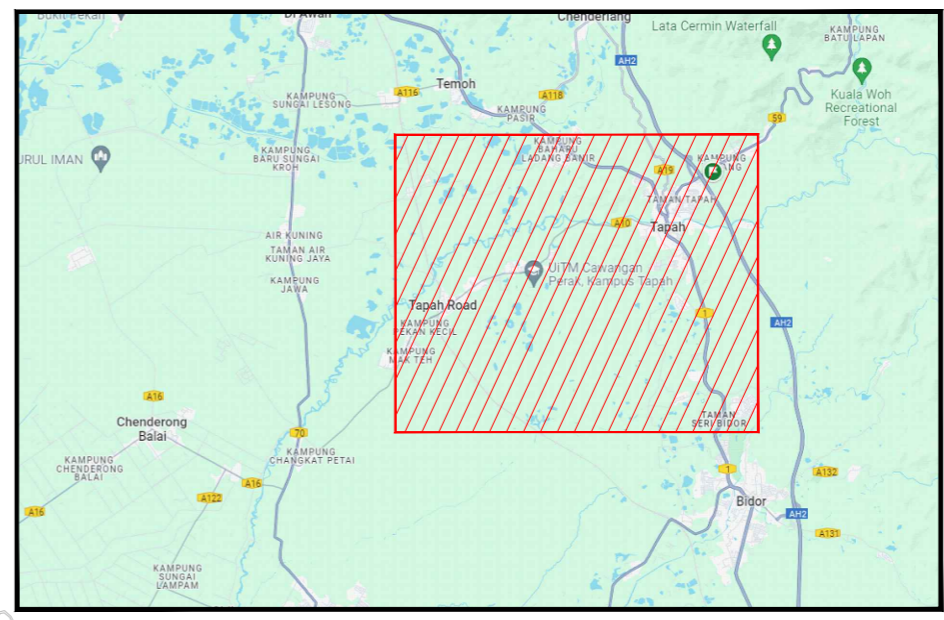
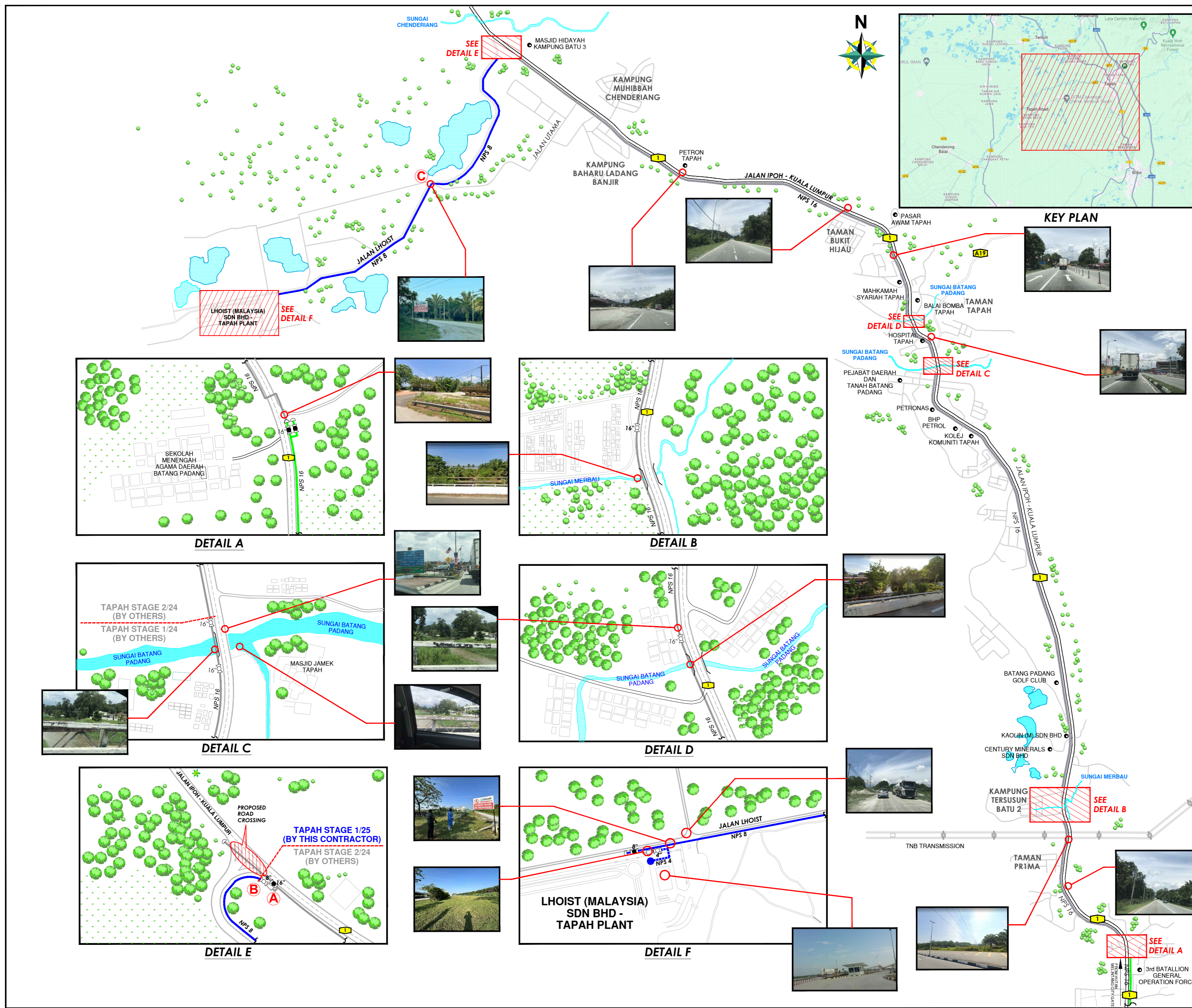
CERTIFIED BY COMPETENT PERSON:
NAME:
REG NO:
DATE:

PROJECT TITLE:
NATURAL GAS DISTRIBUTION SYSTEM TO
TAPAH FL STAGE 1/25
TAPAH
PERAK DARUL RIDZUAN

DRAWING TITLE:
SCHEMATIC DIAGRAM AND VALVE DESIGNATION

DRAWING NO: GMD/NDS/TAPAHFLST1_25/002A_MR REV. 0

| | | |
|----------|------------|-------------------------------------|
| DESIGNED | MR | APPROVED : OM |
| DRAWN | MSR | |
| REVIEWED | MSA/OM | |
| CHECKED | MMZ | |
| TYPE | AUTHORITY | |
| DATE | 17/01/2025 | HEAD OF NETWORK DEVELOPMENT SECTION |
| SCALE | NTS | CAD: NDS\2024\NRO\LHOIST |



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| 7 | CLASS LOCATION | 4 | N/A |
| 8 | DESIGN TEMPERATURE | 15-85°C | N/A |
| 9 | FLOWRATE | | |

- LEGENDS:
- EXISTING FEEDER LINE (MPA)
 - PROPOSED FEEDER LINE (MPA)
 - PROPOSED SERVICE LINE (MPA)
 - PROPOSED SERVICE STATION (MPA)
 - OPEN VALVE
 - CLOSE VALVE
 - END CAP
 - REDUCER
- A-B** JKR BATANG PADANG - 5 meter
- B-C** PDT BATANG PADANG - 4315 meter

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| REFERENCE DRAWING | | |
|-------------------|---------------|-------------|
| NO. | DRAWING TITLE | DRAWING NO. |
| | | |
| | | |

| REVISION | | | | |
|----------|------|-------------|--------|-----------------|
| NO. | DATE | DESCRIPTION | DISC'D | DRAWN/APPR/CHKD |
| | | | | |
| | | | | |

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

| DRAWING TITLE: PROPOSED GAS PIPELINE ROUTE | | | |
|--|------------------------------|-----------|----|
| DRAWING NO: | CMD/NSD/TAPAH/EST-25/001A_MR | REV. 0 | |
| DESIGNED | MR | APPROVED: | GM |
| DRAWN | MSR | | |
| CHECKED | MSA/GM | | |
| CHECKED | MWZ | | |
| TYPE | AUTHORITY | | |
| DATE | 17/01/2025 | | |
| SCALE | NIS | | |