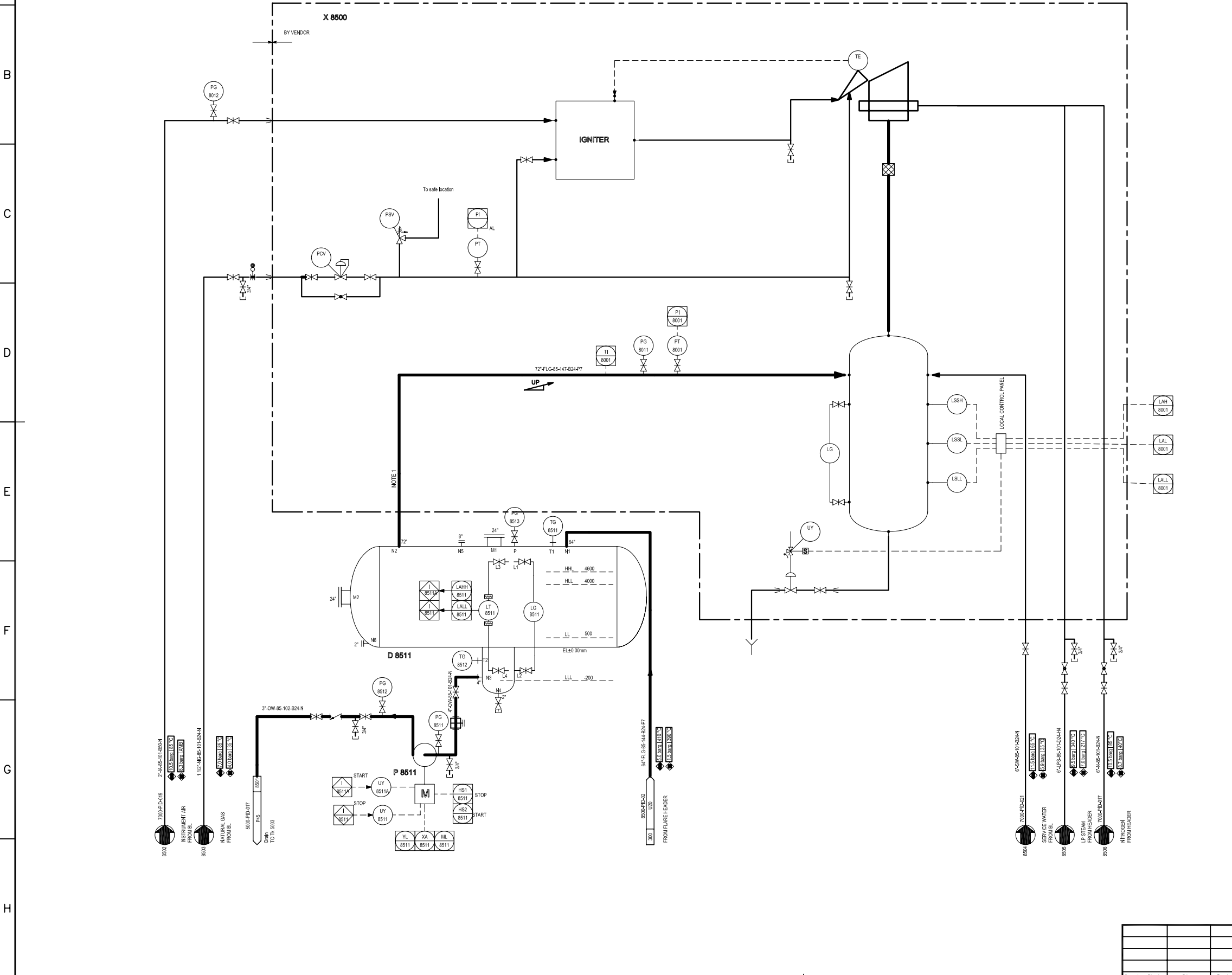


| | | | |
|--------------------|----------------------------|-----------------|-----------------------------|
| P 8511 | KNOCK-OUT DRUM PUMP | D 8511 | FLARE KNOCK OUT DRUM |
| CAPACITY | 30 m ³ /h | ID x LENGTH(T) | 5800 x 18000 mm |
| HEAD | 22 m | DESIGN PRESS. | 5.5 barg |
| DENSITY@OT | 990 kg/m ³ | DESIGN TEMP. | 410 °C |
| INSULATION/TRACING | NONE | INSULATION | YES |
| AUXILIARY PIPING | By Vendor | CLADDING/LINING | NONE |

| | |
|---------------|-------------------|
| X 8500 | FLARE UNIT |
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GENERAL NOTES

- NOTE:
- PIPE SIZE BASED ON max. 2000 meter & 10 PIPES BENDS BEFORE FLARE.
- GENERAL NOTE:
- LOW POINT DRAINS AND HIGH POINT VENT MUST BE ADDED DURING DETAILED ENGINEERING.
 - FLARE LINE WITH AN UPWARD SLOPE SHALL ADD LOW POINT DRAINS, THE DETAIL INFORMATION ABOUT IT SHOULD SPECIFY IN DE PHASE.



REFERENCE DRAWINGS

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SYMBOLS AND LEGENDS

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KEY PLAN

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|------|---------------------|------------|-----------|---------|----------|----------------|
| ▲ | final issue | 13.04.2016 | Luo Jiaqi | Xu Hang | Shi Jing | |
| ▲ | Issued for Review | 22.02.2016 | Luo Jiaqi | Xu Hang | Shi Jing | |
| ▲ | Issued for Comments | 30.12.2015 | Luo Jiaqi | Xu Hang | Shi Jing | |
| REV. | DESCRIPTION | DATE | DESIGN | DRAW | CHECK | REVIEW APPROVE |

OWNER:

Middle East
Kimiye Pars Company

| | | | | | | | | | |
|------------|-------------------|------------------------|-----------------------------|---------|---------|----------|----|------|---|
| LICENSING | HALDOR TOPSØE A/S | DOCUMENT NAME | FLARE STACK UTILITY DIAGRAM | JOB NO. | S-02116 | SOC. NO. | 42 | REV. | 1 |
| | | | | | | | | | |
| CONTRACTOR | TCC 中國天辰工程有限公司 | CONTRACTOR DRAWING NO. | MKP-11-BE-8500-PS09-PID-003 | SHEET | 01 | TOTAL | 01 | | |
| | | | | | | | | | |

| | |
|---------------|---------------------------|
| PROJECT | MKP Methanol Project |
| UNIT | Flare |
| PHASE | Basic Engineering |
| OWNER DWG NO. | MKP-11-BE-8500-PR-PID-003 |

| | | | |
|----------|----------|---------|----------|
| SCALE: - | SHEET: 1 | TOT.: 1 | SIZE: A1 |
|----------|----------|---------|----------|

| | | | |
|---------|--|--|--|
| Counter | | | |
| Signing | | | |
| Sign | | | |
| Date | | | |