



| TAG NO. | BUILDING LIST                              |
|---------|--|
| 1       | GAS COMPRESSOR SHED                        |
| 2       | CHEMICAL INJECTION PACKAGES & STORAGE SHED |
| 3       | FIRE WATER PUMP HOUSE                      |
| 4       | UTILITY SHED                               |
| 5       | CONTROL BUILDING AND CCTV CONTROL ROOM     |
| 6       | FIRE SHED                                  |
| 7       | EXTENSION OF EXISTING ELECTRICAL BUILDING  |

| TAG NO.       | EQUIPMENT LIST                            |
|---------------|---|
| KE-2100 A/B/C | 1ST STAGE GAS AIR COOLER                  |
| KE-2101 A/B/C | 2ND STAGE GAS AIR COOLER                  |
| IC-2101 A/B/C | LP FLARE IGNITION PACKAGE                 |
| C-2101 A/B/C  | 1ST STAGE GAS COMPRESSORS                 |
| C-2102 A/B/C  | 2ND STAGE GAS COMPRESSORS                 |
| P-2101 A/B    | SULF PUMPS                                |
| P-2102        | GLYCOL MANUAL PUMP                        |
| P-2103 A/B    | GLYCOL TRANSEFER PUMPS                    |
| P-2104        | GLYCOL DRAIN PUMP                         |
| DELETED       | DELETED                                   |
| P-2201 A/B    | FLARE K.O. DRAIN PUMPS                    |
| P-2202 A/B    | CLOSED DRAIN PUMPS                        |
| P-2203 A/B    | SWAMP PUMPS                               |
| P-2206        | FUEL OIL PUMP                             |
| P-2209 A      | FOULING WATER PUMP                        |
| P-2209 B      | FIRE WATER PUMP - ELECTRICAL MOTOR DRIVEN |
| P-2207 A/B    | FIRE WATER PUMP - DIESEL ENGINE DRIVEN    |
| P-2101        | GAS DEGENERATION PACKAGE                  |
| PK-G-2203 A/B | AIR COMPRESSOR PACKAGES                   |
| PK-G-2204     | NITROGEN COMPRESSOR PACKAGE               |
| PK-G-2204     | NITROGEN GENERATION PACKAGE               |
| PK-2207       | DIESEL GENERATOR PACKAGE                  |
| PK-2208       | CORROSION INHIBITOR INJECTION PACKAGE     |
| PK-3201       | METHANOL INJECTION PACKAGE                |
| PK-2102       | FGS LAUNDRY                               |
| FSI-2201      | QUADRAH-3 FGS RECOVER (BY OTHERS)         |
| DELETED       | LP FLARE STACK                            |
| DELETED       | DELETED                                   |
| SI-2201       | CLOSED DRAIN AND FLARE DRUM SWAMP         |
| TK-2102       | GLYCOL STORAGE TANK                       |
| TK-2102       | LEAN GLYCOL STORAGE TANK                  |
| TK-2209       | FOULING WATER TANK                        |
| TK-2201 A/B   | FIRE WATER STORAGE TANKS                  |
| V-2101 A/B/C  | 1ST STAGE GAS SUCTON DRUM                 |
| V-2102 A/B/C  | 2ND STAGE GAS SUCTON DRUM                 |
| V-2103        | 2ND STAGE GAS DISCHARGE DRUM              |
| V-2104        | SULF CATCHER DRUM                         |
| V-2105        | NETT KNOCK OUT DRUM                       |
| V-2106        | GLASSING DRUM                             |
| V-2107        | GLYCOL SWAMP DRUM                         |
| V-2201        | FLARE K.O. DRUM                           |
| V-2202        | CLOSED DRAIN DRUM                         |
| V-2203        | WASTEWATER AIR RECEIVER                   |
| V-2205        | FUEL GAS K.O. DRUM                        |
| V-2206        | FUEL OIL STORAGE DRUM                     |
| X-2210        | NEW SEPTIC PACKAGE                        |

- NOTES
1. ALL DIMENSION, ELEVATION AND COORDINATES ARE IN METERS.
  2. ELECTRICAL AREA CLASSIFICATION HAS BEEN CARRIED OUT IN ACCORDANCE WITH IEC 60364-5-54.
  3. RECOMMENDED PRACTICE FOR CLASSIFICATION OF LOCATIONS FOR ELECTRICAL INSTALLATIONS AS PER IEC 60364-5-54.
  4. ALL INSTRUMENT/ ELECTRICAL DEVICES INSTALLED IN BATTERY ROOM CONTAINING BATTERIES WITH POSSIBILITY OF H<sub>2</sub> GAS RELEASED, SHALL BE SURTABLE FOR ZONE 1 IEC 11 AS A MINIMUM.

LEGEND  
SYMBOL & LEGENDS

| SYMBOLS   | DESCRIPTION                     |
|-----------|---------------------------------|
| [Pattern] | ZONE 0                          |
| [Pattern] | ZONE 1                          |
| [Pattern] | ZONE 2                          |
| [Pattern] | GAS GROUP AND TEMPERATURE CLASS |

REFERENCE DRAWING  
UNIT PLOT PLAN DRAWING  
DIRG. No. BK-GCS-P000-10-P-0001

KEY PLAN

| DOO  | PROJ      | DATE | BY  | CHK | APP | AUT |
|------|-----------|------|-----|-----|-----|-----|
|      | PROJ 2022 |      |     |     |     |     |
| REV. | DATE      | BY   | CHK | APP | AUT |     |

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES  
GAS COMPRESSOR STATION  
PROJECT NO.: 971000

EPC CONTRACTOR: BHP/BJPC CONTRACTOR (GC)  
HIRKAN ENERGY - DESIGN & INSPECTION  
HIRKAN ENERGY COMPANIES  
PETROBRAN DEVELOPMENT COMPANY  
PDDCO

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED  
APPROVED FOR CONSTRUCTION BY: DATE:  
DRAWING TITLE: HAZARDOUS AREA CLASSIFICATION LAYOUT

DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.  
SCALE DRAWING BY CHECKED BY PROJECT ENG.

BINAK OILFIELD DEVELOPMENT  
SURFACE FACILITIES  
GAS COMPRESSOR STATION

این رسم کلیه اجزای و جزئیات را نشان می‌دهد و کلیه ابعاد و مشخصات فنی در این نقشه درج شده است.  
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| SCALE    | SIZE | DRAWING NO.           | SHEET NO. | REV. | DOO |
|----------|------|-----------------------|-----------|------|-----|
| 1 : 1000 | A0   | BK-GCS-P000-10-P-0002 | 1 OF 1    | DOO  | DOO |
| 1 : 1000 | A0   | BK-GCS-P000-10-P-0002 | 1 OF 1    | DOO  | DOO |