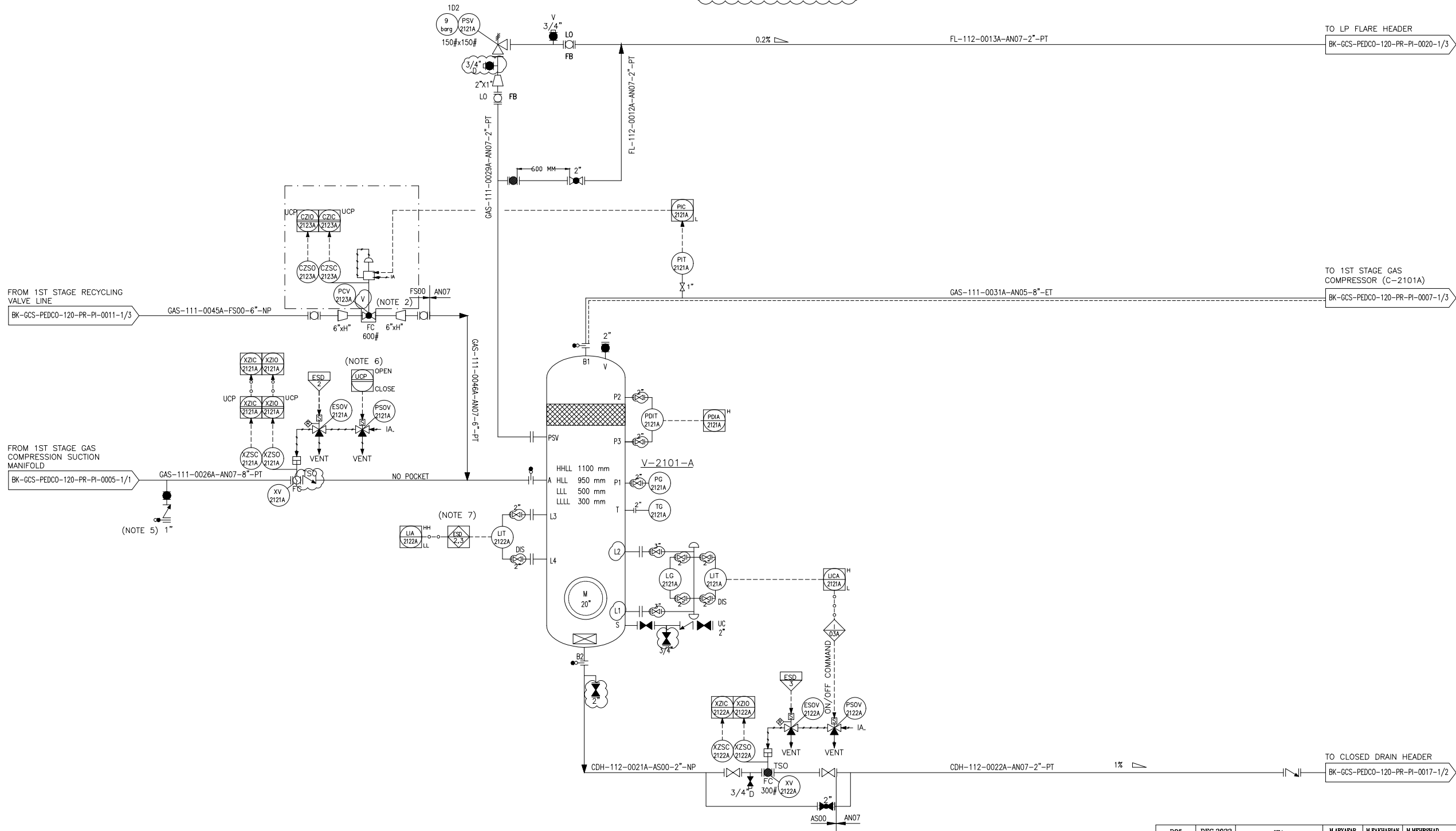


V-2101A  
1ST STAGE GAS COMPRESSION SUCTION  
DRUM TRAIN #A

DIMENSIONS (ID X TL-TL) : 900 X 3000 mm  
DESIGN TEMP. : 85 °C  
DESIGN PRESS. : FV/9 barg

TRIM LINE : TRM-V-2101-0504-AN07-PT  
TRIM LINE : TRM-V-2101-0505-AS00-NP  
TRIM LINE : TRM-C-2101-0503-AN05-ET



NOTES

- 1- LOAD SHARING CONTROL SYSTEM WILL BE FINALIZED BY VENDOR.
- 2- SPILL BACK VALVE TO BE SUPPLIED BY COMPRESSOR VENDOR.VALVE SIZE SHALL BE FINALIZED BY VENDOR.
- 3- DELETED.
- 4- THE LAG OUT OF SPILL BACK VALVE WILL BE FINALIZED BY VENDOR.
- 5- PURGE CONNECTION.
- 6-START/STOP SEQUENC IN STARTUP STAGE TO BE IMPLIMENT BY COMPRESSOR VENDOR.
- 7-ESD LEVEL 2 FOR HH AND ESD LEVEL 3 FOR LL TO BE CONSIDERED AS PER PROJECT ESD LEVEL
- 8-PARTIAL STROK DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.

LEGEND

V: PROVIDE BY VENDOR

REFERENCE DRAWING

| Process Flow Diagram             | DRG. No.                    |
|----------------------------------|-----------------------------|
| Symbol & Legend For PFD and P&ID | BK-GCS-PEDCO-120-PR-PF-0001 |

KEY PLAN

|     |          |     |           |             |            |       |
|-----|----------|-----|-----------|-------------|------------|-------|
| D05 | DEC.2022 | IFA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D04 | AUG.2022 | IFA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D03 | JUN.2022 | IFA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D02 | MAR.2022 | IFA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D01 | JAN.2022 | IFA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D00 | SEP.2021 | IPC | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES  
GAS COMPRESSOR STATION

PROJECT NO.: 971020

|                                                                                                                                        |                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| EPC CONTRACTOR:                                                                                                                        | EPD/EPC CONTRACTOR (GC):                                                                                               |
| <br>HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES | <br>PETROIRAN DEVELOPMENT COMPANY |

BINAK OILFIELD DEVELOPMENT  
SURFACE FACILITIES  
GAS COMPRESSOR STATION

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

DRAWING TITLE:

P&ID - 1st STAGE GAS COMPRESSION SUCTION DRUMS

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

| SCALE | SIZE | DRAWING NO.                 | SHEET NO. | REV. |
|-------|------|-----------------------------|-----------|------|
| NS    | A3   | BK-GCS-PEDCO-120-PR-PI-0006 | 1 OF 3    | D05  |

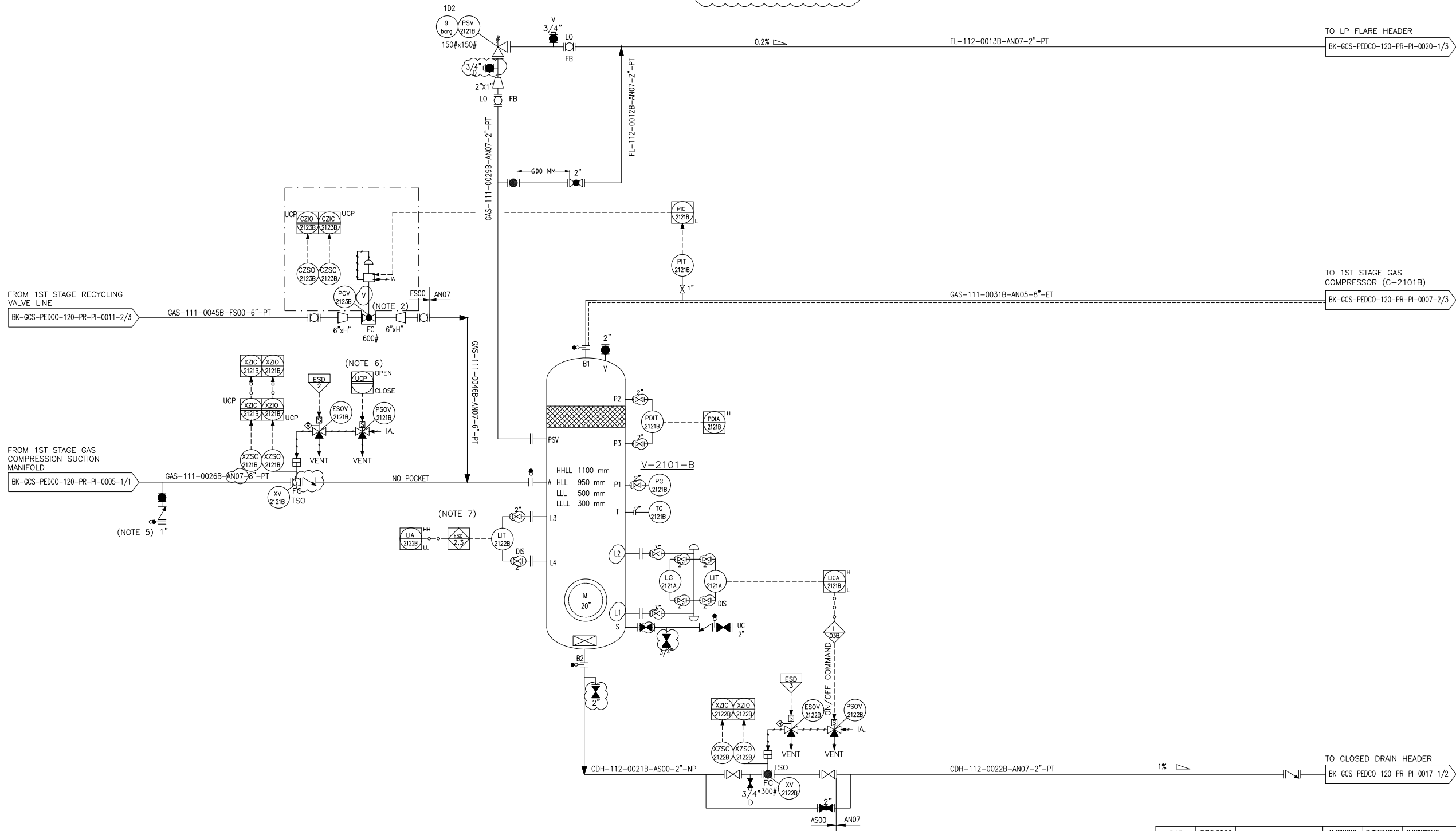
| APPROVED FOR CONSTRUCTION |          |      |       | BY:        | DATE:  |          |
|---------------------------|----------|------|-------|------------|--------|----------|
| BUDGET REF.               | LOCATION | SIZE | CLASS | SERIAL NO. | SHEET  | REVISION |
| 53-073-9184               | F        | 2    | A     | 708784     | 1 OF 3 | D05      |

(VENDOR TITLE BLOCK)\*\*

V-2101B  
1ST STAGE GAS COMPRESSION SUCTION  
DRUM TRAIN #B

DIMENSIONS (ID X TL-TL) : 900 X 3000 mm  
DESIGN TEMP. : 85 °C  
DESIGN PRESS. : FV/9 barg

TRIM LINE : TRM-V-2101-0504-AN07-PT  
TRIM LINE : TRM-V-2101-0505-AS00-NP  
TRIM LINE : TRM-C-2101-0503-AN05-ET



NOTES

- 1- LOAD SHARING CONTROL SYSTEM WILL BE FINALIZED BY VENDOR.
- 2- SPILL BACK VALVE TO BE SUPPLIED BY COMPRESSOR VENDOR. VALVE SIZE SHALL BE FINALIZED BY VENDOR.
- 3- DELETED.
- 4- THE LAG OUT OF SPILL BACK VALVE WILL BE FINALIZED BY VENDOR.
- 5- PURGE CONNECTION.
- 6- START/STOP SEQUENC IN STARTUP STAGE TO BE IMPLIMENT BY COMPRESSOR VENDOR.
- 7- ESD LEVEL 2 FOR HH AND ESD LEVEL 3 FOR LL TO BE CONSIDERED AS PER PROJECT ESD LEVEL
- 8- PARTIAL STROK DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1.0.

LEGEND

V: PROVIDE BY VENDOR

REFERENCE DRAWING

| REFERENCE DRAWING                | DRG. No.                    |
|----------------------------------|-----------------------------|
| Process Flow Diagram             | BK-GCS-PEDCO-120-PR-PF-0001 |
| Symbol & Legend For PFD and P&ID | BK-GCS-PEDCO-120-PR-PI-0001 |

KEY PLAN

|     |          |     |           |             |            |       |
|-----|----------|-----|-----------|-------------|------------|-------|
| D05 | DEC.2022 | IFA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D04 | AUG.2022 | IFA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D03 | JUN.2022 | IFA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D02 | MAR.2022 | IFA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D01 | JAN.2022 | IFA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D00 | SEP.2021 | IPC | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

|                                                                                                                                        |                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| EPC CONTRACTOR:                                                                                                                        | EPD/EPC CONTRACTOR (GC):                                                                                               |
| <br>HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES | <br>PETROIRAN DEVELOPMENT COMPANY |

BINAK OILFIELD DEVELOPMENT  
SURFACE FACILITIES  
GAS COMPRESSOR STATION

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

DRAWING TITLE: P&ID - 1st STAGE GAS COMPRESSION SUCTION DRUMS

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

| SCALE | SIZE | DRAWING NO.                 | SHEET NO. | REV. |
|-------|------|-----------------------------|-----------|------|
| NS    | A3   | BK-GCS-PEDCO-120-PR-PI-0006 | 2 OF 3    | D05  |

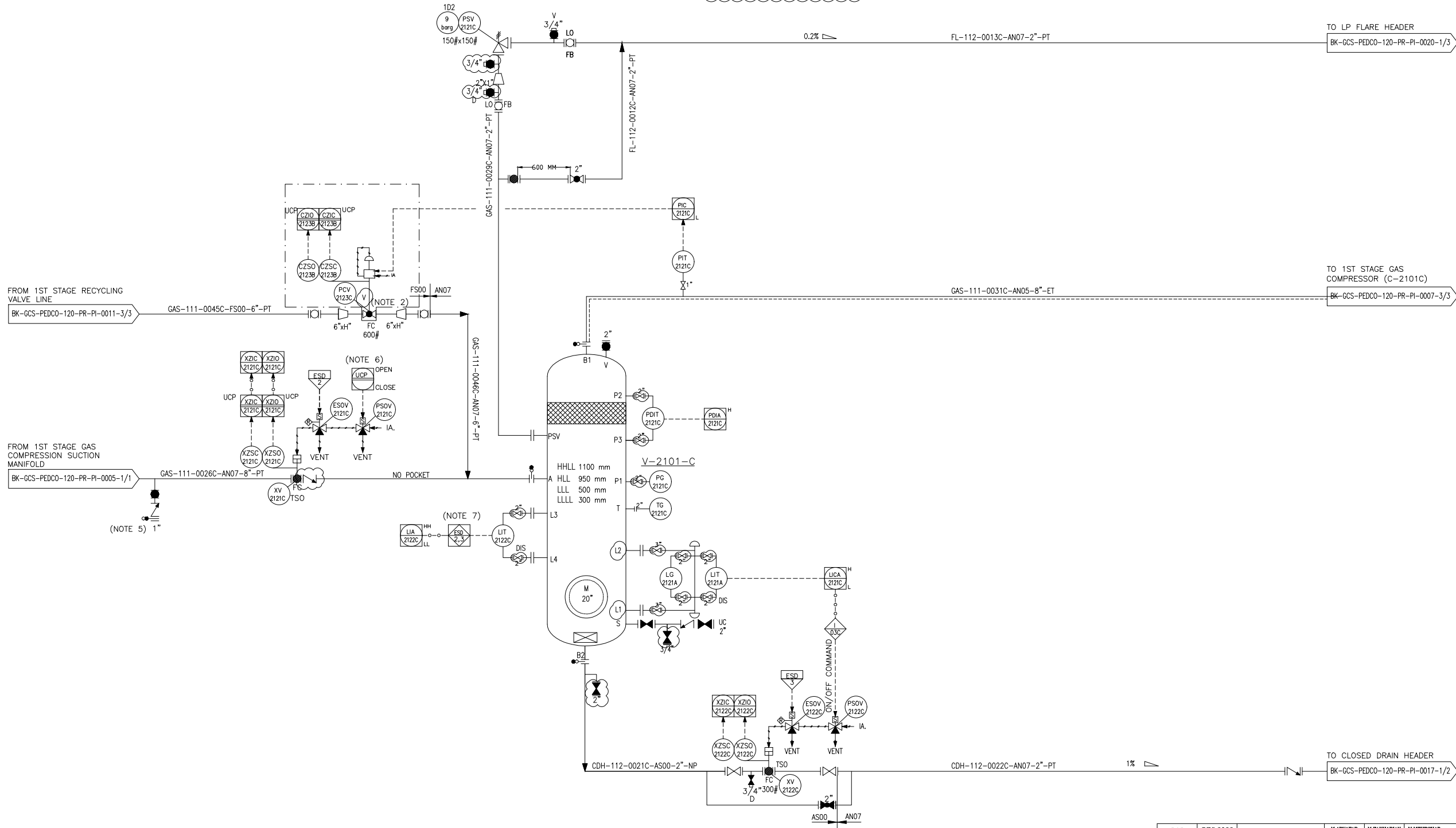
| APPROVED FOR CONSTRUCTION |          |      |       | BY:        | DATE:  |          |
|---------------------------|----------|------|-------|------------|--------|----------|
| BUDGET REF.               | LOCATION | SIZE | CLASS | SERIAL NO. | SHEET  | REVISION |
| 53-073-9184               | F        | 2    | A     | 708784     | 2 OF 3 | D05      |

(VENDOR TITLE BLOCK)\*\*

V-2101C  
1ST STAGE GAS COMPRESSION SUCTION  
DRUM TRAIN #C

DIMENSIONS (ID X TL-TL) : 900 X 3000 mm  
DESIGN TEMP. : 85 °C  
DESIGN PRESS. : FV/9 barg

TRIM LINE : TRM-V-2101-0504-AN07-PT  
TRIM LINE : TRM-V-2101-0505-AS00-NP  
TRIM LINE : TRM-C-2101-0503-AN05-ET



NOTES

- 1- LOAD SHARING CONTROL SYSTEM WILL BE FINALIZED BY VENDOR.
- 2- SPILL BACK VALVE TO BE SUPPLIED BY COMPRESSOR VENDOR.VALVE SIZE SHALL BE FINALIZED BY VENDOR.
- 3- DELETED.
- 4- THE LAG OUT OF SPILL BACK VALVE WILL BE FINALIZED BY VENDOR.
- 5- PURGE CONNECTION.
- 6-START/STOP SEQUENC IN STARTUP STAGE TO BE IMPLIMENT BY COMPRESSOR VENDOR.
- 7-ESD LEVEL 2 FOR HH AND ESD LEVEL 3 FOR LL TO BE CONSIDERED AS PER PROJECT ESD LEVEL
- 8-PARTIAL STROK DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1.0.

LEGEND

V: PROVIDE BY VENDOR

REFERENCE DRAWING

DRG. No.

Process Flow Diagram

BK-GCS-PEDCO-120-PR-PF-0001

Symbol & Legend For PFD and P&ID

BK-GCS-PEDCO-120-PR-PI-0001

KEY PLAN

|     |          |     |           |             |            |       |
|-----|----------|-----|-----------|-------------|------------|-------|
| D05 | DEC.2022 | IPA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D04 | AUG.2022 | IPA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D03 | JUN.2022 | IPA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D02 | MAR.2022 | IPA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D01 | JAN.2022 | IPA | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |
| D00 | SEP.2021 | IPC | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD | ** ** |

REV. DATE P.O.I.S PREP. CHK. APP. AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

EPC CONTRACTOR: HIRGAN ENERGY

EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY

DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

SCALE SIZE BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

NS A3 BK-GCS-PEDCO-120-PR-PI-0006 3 OF 3 D05 053-073-9184 F 2 A 708784 3 OF 3 D05

اصل و کليه نسخ اين نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خيز جنوب مي باشد.  
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BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION

DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

SCALE SIZE BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

NS A3 BK-GCS-PEDCO-120-PR-PI-0006 3 OF 3 D05 053-073-9184 F 2 A 708784 3 OF 3 D05