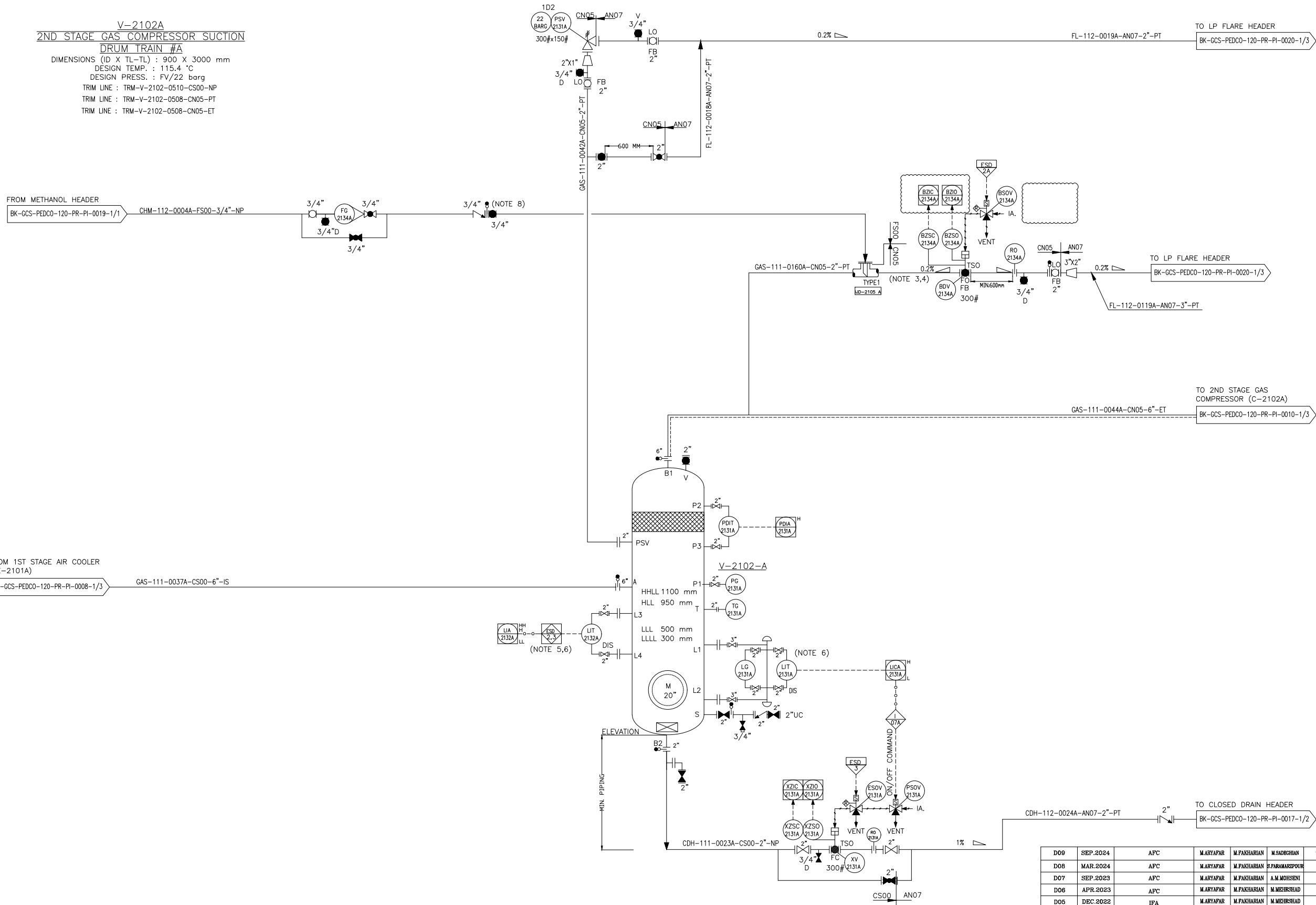


V-2102A  
2ND STAGE GAS COMPRESSOR SUCTION  
DRUM TRAIN #A

DIMENSIONS (ID X TL-TL) : 900 X 3000 mm  
DESIGN TEMP. : 115.4 °C  
DESIGN PRESS. : FV/22 barg  
TRIM LINE : TRM-V-2102-0510-CS00-NP  
TRIM LINE : TRM-V-2102-0508-CN05-PT  
TRIM LINE : TRM-V-2102-0508-CN05-ET



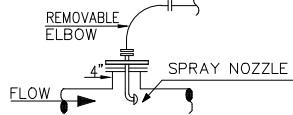
NOTES

- 1- DELETED.
- 2- DELETED.
- 3- DELETED.
- 4- DELETED.
- 5- ESD LEVEL 2 FOR HH AND 3 FOR LOW LOW LIQUID LEVEL.
- 6- DISCREPANCY CHECK BETWEEN LIT-2132A AND LIT-2131A TO BE CHECKED VIA DCS.
- 7- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.
- 8- BEFORE IN CASE OF COLD DEPRESSURIZING, MANUAL VALVE WILL BE OPEN BY OPERATOR.
- 9- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER AND ALL VENT LINES SHALL BE CONNECTED TO THE FLARE HEADER.

LEGEND

\* SPARE PSV IN WAREHOUSE  
V: BY COOLER VENDOR

TYPE 1



INJECTION DEVICE PERMANENTLY CONNECTED  
(GAS SERVICE)

REFERENCE DRAWING

DRG. No.

Process Flow Diagram

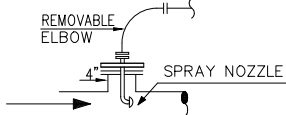
BK-GCS-PEDCO-120-PR-PF-0001

Symbol & Legend For PFD and P&ID

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

KEY PLAN

TYPE 1



INJECTION DEVICE PERMANENTLY CONNECTED  
(GAS SERVICE)

|     |          |     |           |             |                |     |
|-----|----------|-----|-----------|-------------|----------------|-----|
| D09 | SEP.2024 | APC | M.ARYAPAR | M.PAKHARIAN | M.SADRIKHAN    | *** |
| D08 | MAR.2024 | APC | M.ARYAPAR | M.PAKHARIAN | S.PARAMARZPOUR | *** |
| D07 | SEP.2023 | APC | M.ARYAPAR | M.PAKHARIAN | A.M.MOHSSENI   | *** |
| D06 | APR.2023 | APC | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD     | *** |
| 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     | *** |

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

HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

PEDCO

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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:

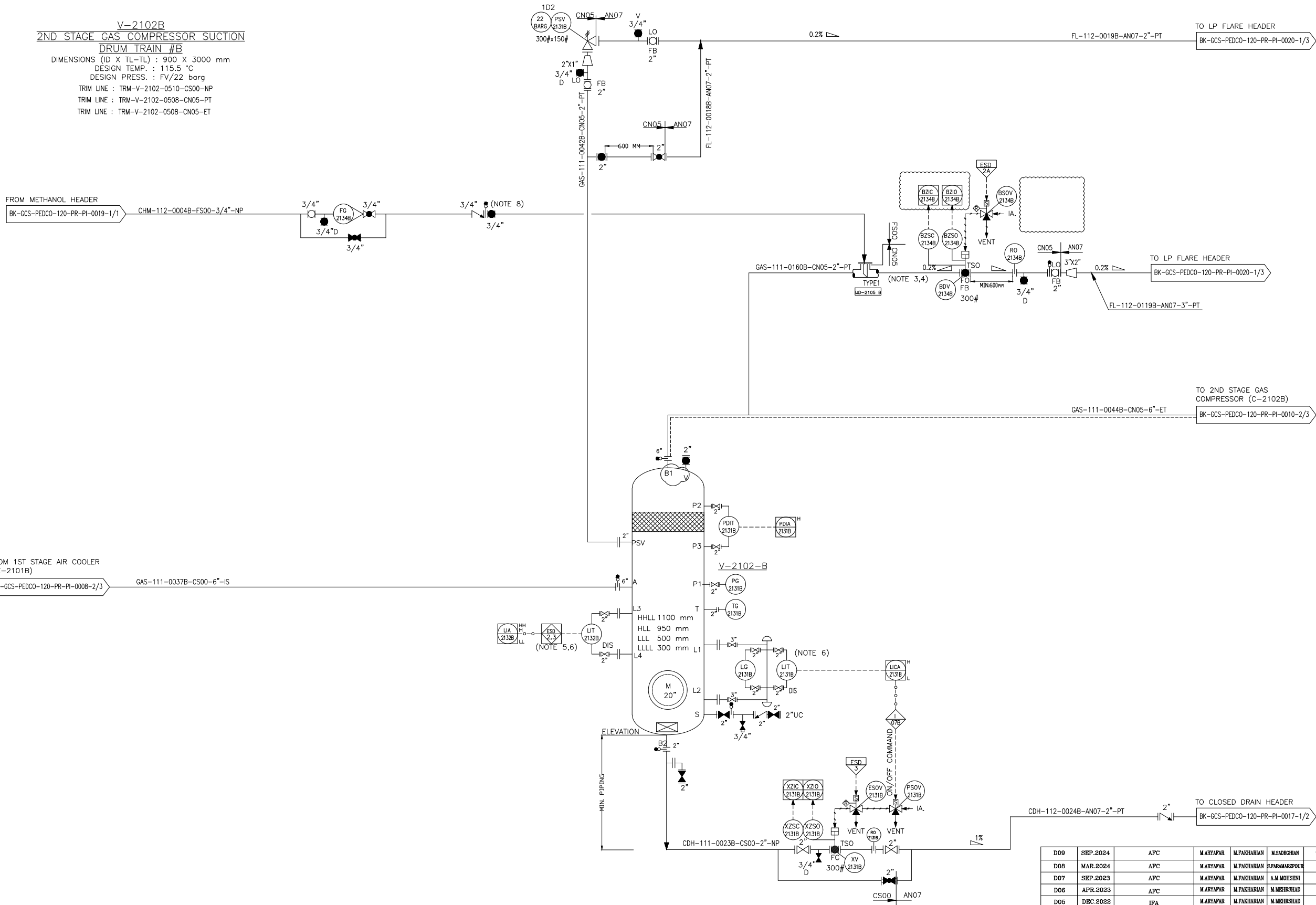
BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

NS A3 BK-GCS-PEDCO-120-PR-PI-0009 1 OF 3 D09 053-073-9184 F 2 A 708787 1 OF 3 D09

(VENDOR TITLE BLOCK)\*\*

V-2102B  
2ND STAGE GAS COMPRESSOR SUCTION  
DRUM TRAIN #B

DIMENSIONS (ID X TL-TL) : 900 X 3000 mm  
DESIGN TEMP. : 115.5 °C  
DESIGN PRESS. : FV/22 barg  
TRIM LINE : TRM-V-2102-0510-CS00-NP  
TRIM LINE : TRM-V-2102-0508-CN05-PT  
TRIM LINE : TRM-V-2102-0508-CN05-ET



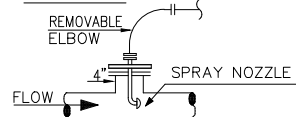
NOTES

- 1- DELETED.
- 2- DELETED.
- 3- DELETED.
- 4- DELETED.
- 5- ESD LEVEL 2 FOR HH AND 3 FOR LOW LOW LIQUID LEVEL.
- 6- DISCREPANCY CHECK BETWEEN LIT-2132A AND LIT-2131A TO BE CHECKED VIA DCS.
- 7- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.
- 8- BEFORE IN CASE OF COLD DEPRESSURIZING, MANUAL VALVE WILL BE OPEN BY OPERATOR.
- 9- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER AND ALL VENT LINES SHALL BE CONNECTED TO THE FLARE HEADER.

LEGEND

\* SPARE PSV IN WAREHOUSE

TYPE 1



INJECTION DEVICE PERMANENTLY CONNECTED  
(GAS SERVICE)

REFERENCE DRAWING

DRG. No.

Process Flow Diagram

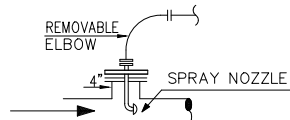
Symbol & Legend For PFD and P&ID

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

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

KEY PLAN

TYPE 1



INJECTION DEVICE PERMANENTLY CONNECTED  
(GAS SERVICE)

|      |          |         |           |             |                |      |
|------|----------|---------|-----------|-------------|----------------|------|
| D09  | SEP.2024 | AFC     | M.ARYAPAR | M.PAKHARIAN | M.SADRIKHAN    | ..   |
| D08  | MAR.2024 | AFC     | M.ARYAPAR | M.PAKHARIAN | S.PARAMARZPOUR | ..   |
| D07  | SEP.2023 | AFC     | M.ARYAPAR | M.PAKHARIAN | A.M.MOHSSENI   | ..   |
| D06  | APR.2023 | AFC     | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD     | ..   |
| 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     | ..   |
| 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:                                                                                                                        | EPD/EPC CONTRACTOR (GC):                                                                                               |
| <br>HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES | <br>PETROIRAN DEVELOPMENT COMPANY |

DRAWING TITLE: P&ID - 2nd STAGE GAS COMPRESSION SUCTION DRUMS

APPROVED FOR CONSTRUCTION BY: DATE:

BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

NS A3 BK-GCS-PEDCO-120-PR-PI-0009 2 OF 3 D09 053-073-9184 F 2 A 708787 2 OF 3 D09

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

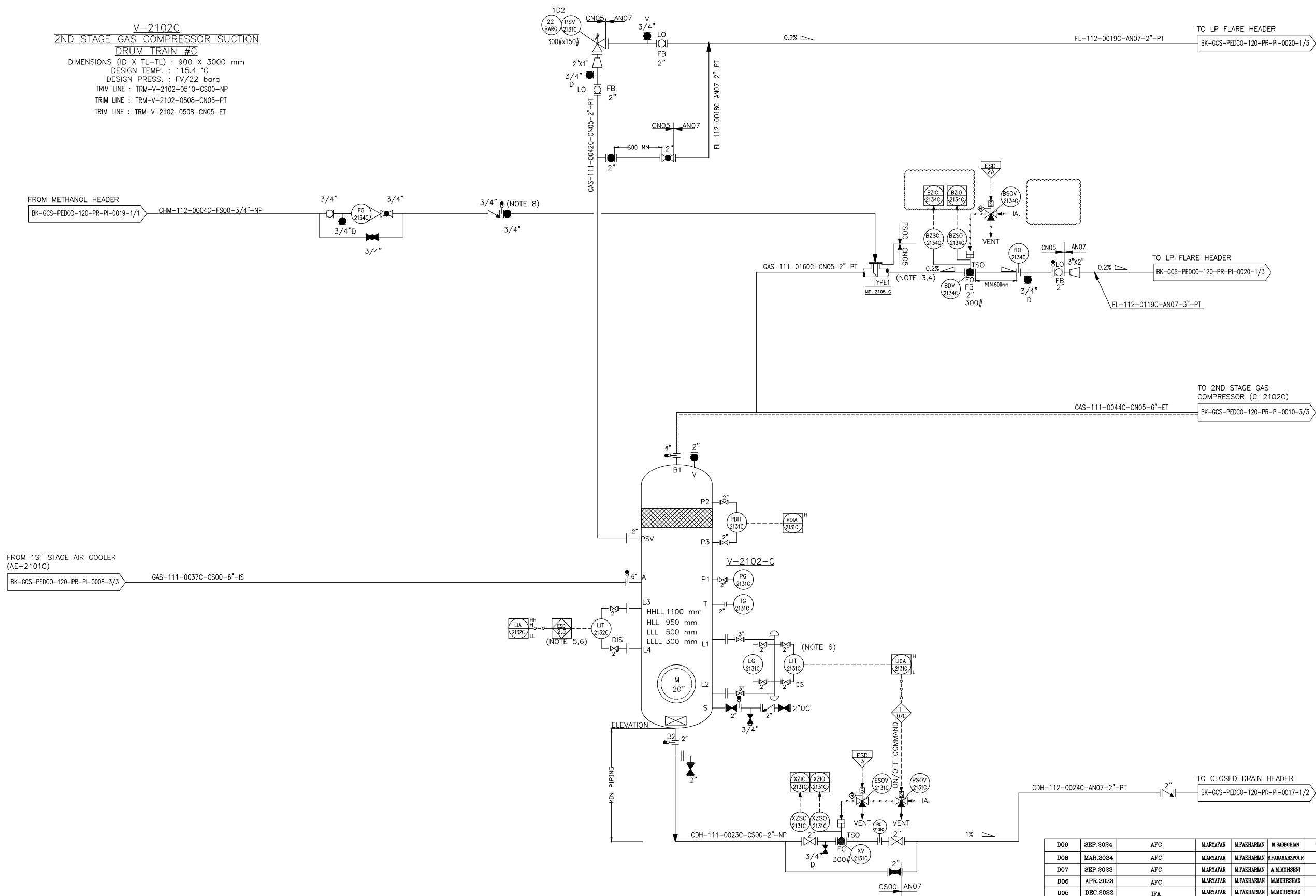
DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

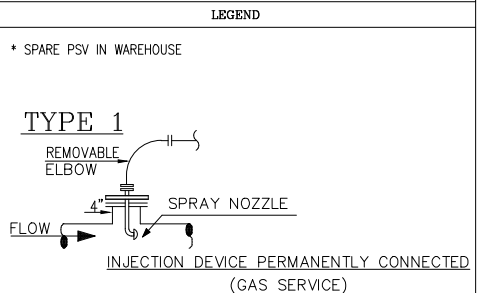
BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

NS A3 BK-GCS-PEDCO-120-PR-PI-0009 2 OF 3 D09 053-073-9184 F 2 A 708787 2 OF 3 D09

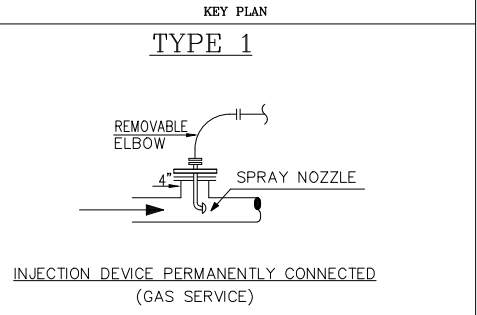


**NOTES**

- 1- DELETED.
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- 3- DELETED.
- 4- DELETED.
- 5- ESD LEVEL 2 FOR HH AND 3 FOR LOW LOW LIQUID LEVEL.
- 6- DISCREPANCY CHECK BETWEEN LIT-2132A AND LIT-2131A TO BE CHECKED VIA DCS.
- 7- PARTIAL STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.
- 8- BEFORE IN CASE OF COLD DEPRESSURIZING, MANUAL VALVE WILL BE OPEN BY OPERATOR.
- 9- ALL DRAIN LINE SHALL BE CONNECTED TO CLOSED DRAIN HEADER AND ALL VENT LINES SHALL BE CONNECTED TO THE FLARE HEADER.



|                                  |                             |
|----------------------------------|-----------------------------|
| 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 |
|                                  |                             |



|      |          |         |           |             |              |      |
|------|----------|---------|-----------|-------------|--------------|------|
| D09  | SEP.2024 | APC     | M.ARYAPAR | M.PAKHARIAN | M.SADIGHIAN  | **   |
| D08  | MAR.2024 | APC     | M.ARYAPAR | M.PAKHARIAN | S.FARMAZPOUR | **   |
| D07  | SEP.2023 | APF     | M.ARYAPAR | M.PAKHARIAN | A.M.MOHSINI  | **   |
| D06  | APR.2023 | APC     | M.ARYAPAR | M.PAKHARIAN | M.MEHRSHAD   | **   |
| 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   | **   |
| REV. | DATE     | P.O.I.S | PREP.     | CHK.        | APP.         | AUT. |

|                                                                                                                                                                             |      |                                                                                       |        |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|--------|-----------|
| PROJECT NAME:                                                                                                                                                               |      | BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES<br>GAS COMPRESSOR STATION               |        |           |
| PROJECT NO.:                                                                                                                                                                |      | 971020                                                                                |        |           |
| EPC CONTRACTOR:                                                                                                                                                             |      | EPD/EPC CONTRACTOR (GC):                                                              |        |           |
|   |      |  |        |           |
| HIRGAN ENERGY - DESIGN & INSPECTION<br>COMPANIES                                                                                                                            |      | PETROIRAN<br>DEVELOPMENT<br>COMPANY                                                   |        |           |
| DRAWING TITLE:                                                                                                                                                              |      |                                                                                       |        |           |
| P&ID - 2nd STAGE GAS COMPRESSION SUCTION DRUMS                                                                                                                              |      |                                                                                       |        |           |
| SCALE                                                                                                                                                                       | SIZE | DRAWING NO.                                                                           |        | SHEET NO. |
| NS                                                                                                                                                                          | A3   | BK-GCS-PEDCO-120-PR-PI-0009                                                           |        | REV.      |
|                                                                                                                                                                             |      |                                                                                       | 3 OF 3 | D09       |

[illegible]