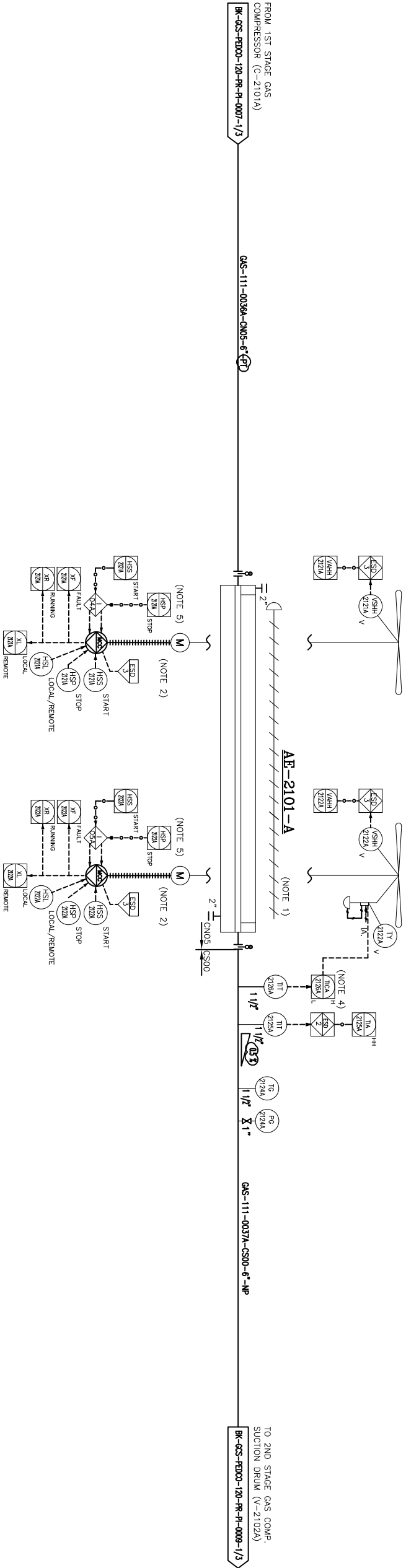


AE-2101A
1ST STAGE GAS COMPRESSION AIR
COOLER TRAIN #A

DESIGN DUTY : 363 kW
DESIGN PRESS. : 22 barg
DESIGN TEMP. : 150 °C
TRIM LINE : TRM-AE-2101-0510-CS00-NP
TRIM LINE : TRM-AE-2101-0508-CN05-PT



NOTES

- 1- MANUAL LOWER CONTROL.
- 2- HALF OF FANS SHALL BE EQUIPPED WITH VARIABLE PITCH AUTOMATIC SYSTEM TO CONTROL FLUID OUTLET TEMPERATURE.
- 3- DELETED.
- 4- TEMPERATURE TO BE ADJUSTED BY BLADE CONTROL SYSTEM.
- 5- TO BE PROVIDED BY COOLER VENDOR.
- 6-PARTIAL STROK DEVICE TO BE CONSIDERED FOR ALL ESD'S ACTIVATED BY ESD I/O.

LEGEND

V: BY COOLER VENDOR

REFERENCE DRAWING	DRG. No.
Process Flow Diagram	BK-GCS-FD00-120-PR-PI-0001
Symbol & Legend For PFD and PAD	BK-GCS-FD00-120-PR-PI-0001

KEY PLAN

REV.	DESCRIPTION	BY	DATE	BY	DATE
001	*****	001	0000	001	0000
REV.	DESCRIPTION	BY	DATE	BY	DATE
REV.	CHECKED	BY	DATE	REV.	APPR.

امثل و کتب مع این خط و حق انکس منقر به ترک مل مطابق خط جبر موافق
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REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
D06	SEP 2021	PIC	U/ARYANE	U/ARYANE	U/ARYANE	00 00
D01	JAN 2022	IFA	U/ARYANE	U/ARYANE	U/ARYANE	00 00
D02	MAR 2022	IFA	U/ARYANE	U/ARYANE	U/ARYANE	00 00
D03	JUN 2022	IFA	U/ARYANE	U/ARYANE	U/ARYANE	00 00
D04	AUG 2022	IFA	U/ARYANE	U/ARYANE	U/ARYANE	00 00
D05	DEC 2022	IFA	U/ARYANE	U/ARYANE	U/ARYANE	00 00

EPC CONTRACTOR:		EPC/REC CONTRACTOR (GC):	
BIRGANI BIRGANI ENERGY - DESIGN & INSPECTION COMPANIES		PETROBRAN DEVELOPMENT COMPANY	

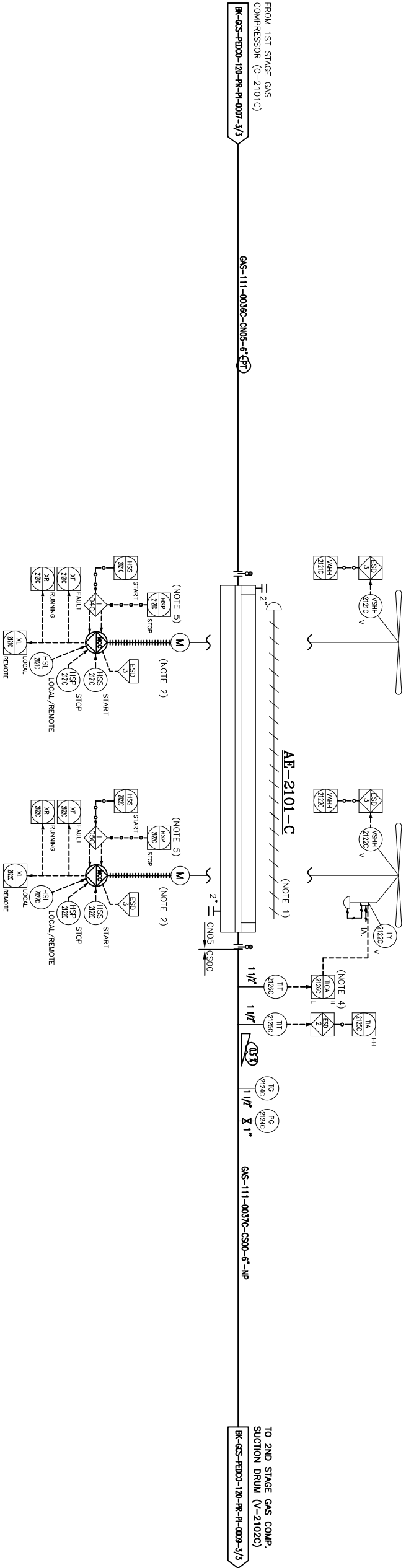
DRAWING TITLE: PAID - 1st STAGE GAS COMPRESSION AIR COOLERS						
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.		
AS	A3	BK-GCS-FD00-120-PR-PI-0008	1 OF 3	D06		

(VENDOR TITLE BLOCK)**

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION BY: DATE:					
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET REVISION
068-073-8184	F	2	A	708768	1 OF 3 D06

AE-2101C
1ST STAGE GAS COMPRESSION AIR
COOLER TRIN #C

DESIGN DUTY : 363 kW
DESIGN PRESS. : 22 barg
DESIGN TEMP. : 150 °C
TRIM LINE : TRM-AE-2101-0510-CS00-NP
TRIM LINE : TRM-AE-2101-0508-CN05-P7



NOTES

- 1- MANUAL LOCKER CONTROL.
- 2- HALF OF FANS SHALL BE EQUIPPED WITH VARIABLE PITCH AUTOMATIC SYSTEM TO CONTROL FLUID OUTLET TEMPERATURE.
- 3- DELETED.
- 4- TEMPERATURE TO BE ADJUSTED BY BLADE CONTROL SYSTEM.
- 5- TO BE PROVIDED BY COOLER VENDOR.
- 6-PARTIAL STROK DEVICE TO BE CONSIDERED FOR ALL ESD'S ACTIVATED BY ESD I/O.

LEGEND

V: BY COOLER VENDOR

REFERENCE DRAWING	DRG. No.
Process Flow Diagram	BK-GCS-FD000-120-PR-P1-0001
Symbol & Legend For PFD and PAD	BK-GCS-FD000-120-PR-P1-0001

KEY PLAN

امین و کلیه نسخ این خط و حق انحصاری مندرج به شرکت ملی مناطق نفت خیز جنوب محفوظ است
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REV.	DESCRIPTION	BY	DATE	CHECKED	REV.	DATE
***	*****	***	***	***	***	***

D06	APR.2023	APC	U/ARYANE	U/ARZOUJAN	U/ABRISHUD	***
D05	DEC.2022	IPA	U/ARYANE	U/ARZOUJAN	U/ABRISHUD	***
D04	AUG.2022	IPA	U/ARYANE	U/ARZOUJAN	U/ABRISHUD	***
D03	JUN.2022	IPA	U/ARYANE	U/ARZOUJAN	U/ABRISHUD	***
D02	MAR.2022	IPA	U/ARYANE	U/ARZOUJAN	U/ABRISHUD	***
D01	JAN.2022	IPA	U/ARYANE	U/ARZOUJAN	U/ABRISHUD	***
D00	SEP.2021	IPC	U/ARYANE	U/ARZOUJAN	U/ABRISHUD	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAQ OUTFIELD DEVELOPMENT/SURFACE FACILITIES						
PROJECT NO.: 971020						
EPC CONTRACTOR:			EPC/REC CONTRACTOR (CC):			
BIRGANI ENERGY - DESIGN & INSPECTION COMPANIES			PETROBRAN DEVELOPMENT COMPANY			

DRAWING TITLE: P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS						
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	(VENDOR TITLE BLOCK)**	
NS	A3	BK-GCS-FD000-120-PR-P1-0008	3 OF 3	D06		