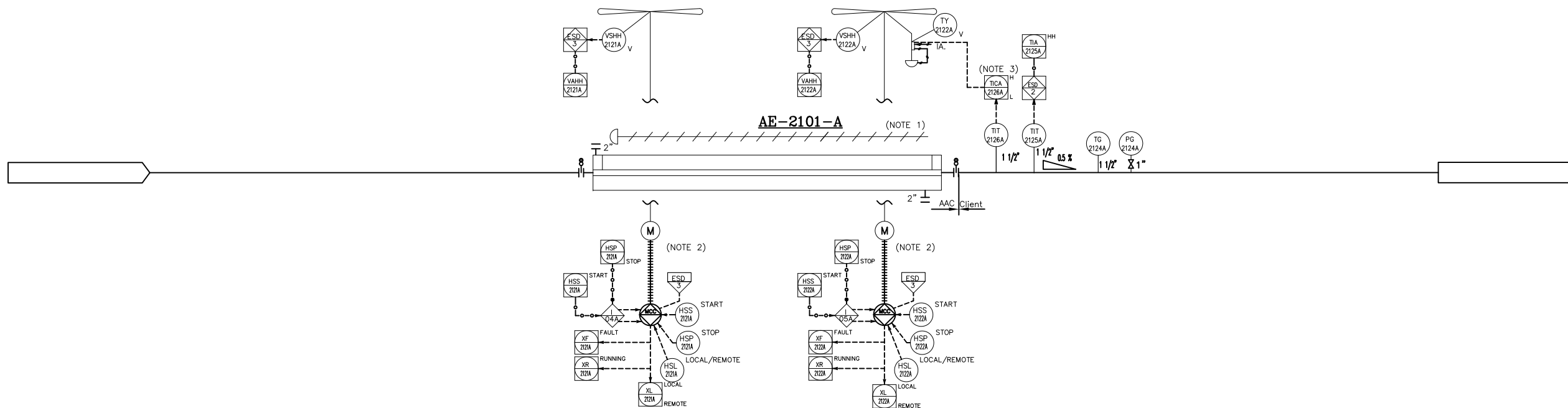


AE-2101A
 1ST STAGE GAS COMPRESSION AIR
 COOLER TRAIN #A
 DESIGN DUTY : 391.3 RW
 DESIGN PRESS : 22 barg
 DESIGN TEMP : 155 °C



NOTES

- 1- MANUAL LOUVER CONTROL.
- 2- HALF OF FANS SHALL BE EQUIPPED WITH VARIABLE PITCH AUTOMATIC SYSTEM TO CONTROL FLUID OUTLET TEMPERATURE.
- 3- TEMPERATURE TO BE ADJUSTED BY BLADE CONTROL SYSTEM.

LEGEND

REFERENCE DRAWING	DRG. No.

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
V00	AUG.2024	IFA	AC	M.FAKHARIAN	M.SADIGHIAN	

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION
 PROJECT NO.: 971020
 EPC CONTRACTOR: HIRGAN ENERGY COMPANIES
 EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY PEDCO

DRAWING TITLE: P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
NS	A3	BK-GCS-AA-120-PR-PI-0001	1 OF 6	V00

REV.	DESCRIPTION	BY	DATE	BY	DATE

امثل و کاپیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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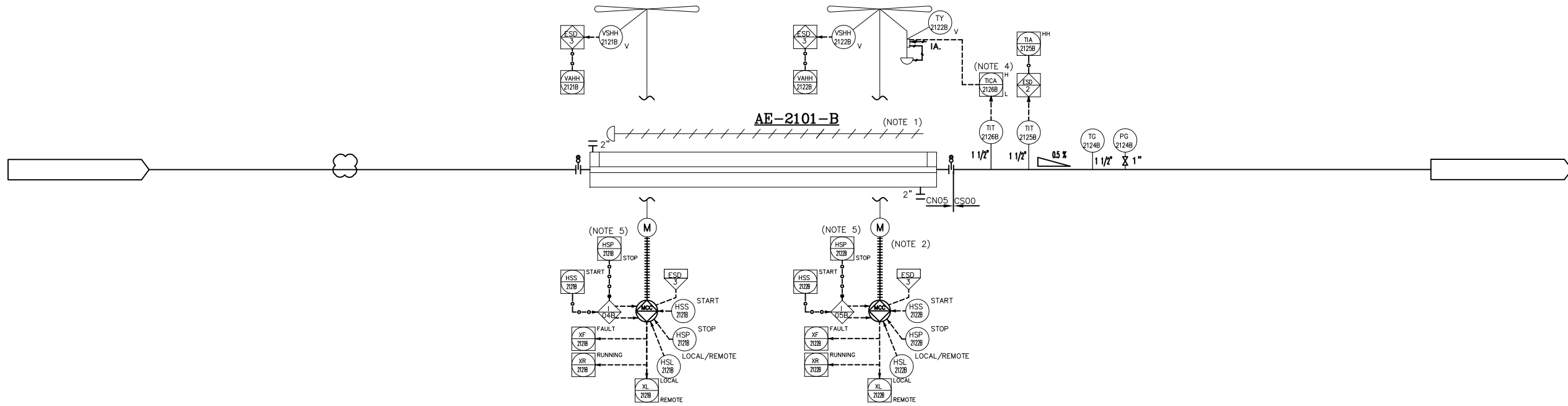
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

BUDGET REF.	LOCATION	SIZE CLASS	SERIAL NO.	DATE:



AE-2101B
 1ST STAGE GAS COMPRESSION AIR
 COOLER TRAIN #B
 DESIGN DUTY : 391.3 kW
 DESIGN PRESS : 22 barg
 DESIGN TEMP : 155 °C



- NOTES**
- 1- MANUAL LOUVER 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 STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.

LEGEND

REFERENCE DRAWING	DRG. No.

KEY PLAN

REV.	DESCRIPTION	BY	DATE	BY	DATE

V00	AUG.2024	IFA	AC	M.FAKHARIAN	M.SADIGHIAN	
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 - DESIGN & INSPECTION COMPANIES			EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS						
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.	
NS	A3	BK-GCS-AA-120-PR-PI-0001		2 OF 6	V00	

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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

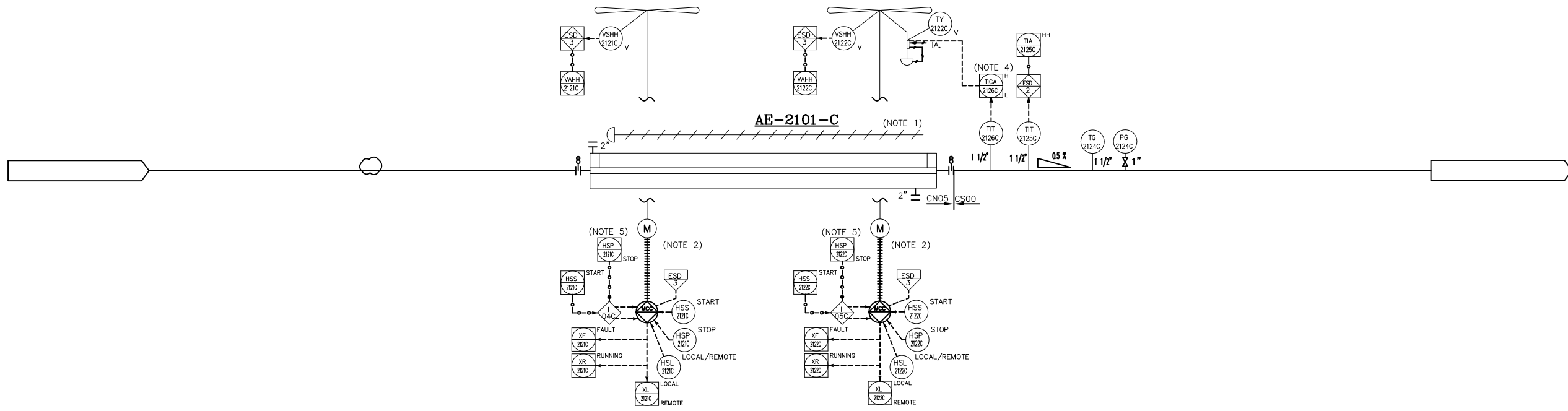
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	DATE:

APPROVED FOR CONSTRUCTION	BY:	DATE:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
					2 OF 6	

VENDOR LOGO:
 AAC
 Project No: 17208

AE-2101C
 1ST STAGE GAS COMPRESSION AIR
 COOLER TRAIN #C
 DESIGN DUTY : 391.3 kW
 DESIGN PRESS. : 22 barg
 DESIGN TEMP. : 155 °C



- NOTES**
- 1- MANUAL LOUVER 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 STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.

LEGEND

REFERENCE DRAWING	DRG. No.

KEY PLAN

REV.	DESCRIPTION	BY	DATE	BY	DATE

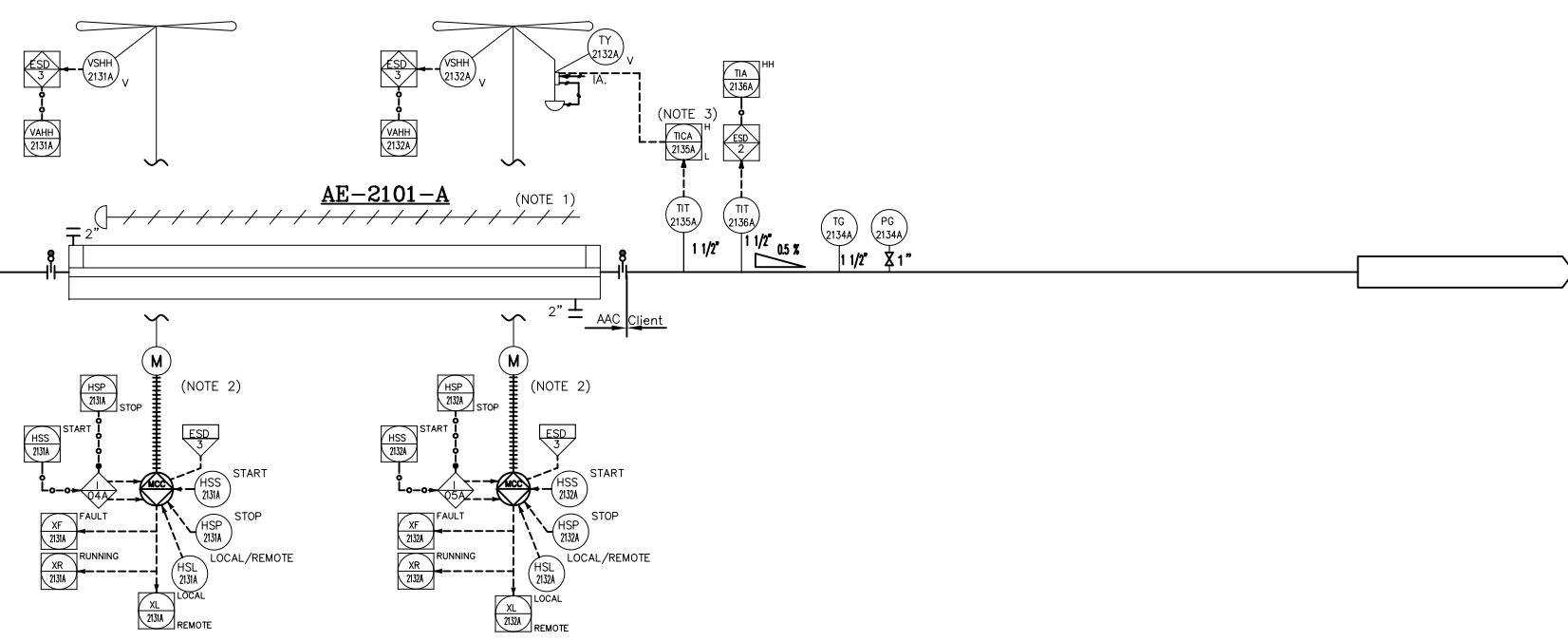
امثل و کاپیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.
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V00	AUG.2024	IFA	AC	M.FAKHARIAN	M.SADIGHIAN	
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION						
PROJECT NO.: 971020						
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS						
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.	
NS	A3	BK-GCS-AA-120-PR-PI-0001		3 OF 6	V00	

VENDOR LOGO:
 AAC
 Project No: 17208

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
APPROVED FOR CONSTRUCTION			BY:		DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
					3 OF 6	

AE-2102A
 2ND STAGE GAS COMPRESSION AIR
 COOLER TRAIN #A
 DESIGN DUTY : 582 kW
 DESIGN PRESS. : 62 barg
 DESIGN TEMP. : 175 °C



NOTES

- 1- MANUAL LOUVER CONTROL.
- 2- HALF OF FANS SHALL BE EQUIPPED WITH VARIABLE PITCH AUTOMATIC SYSTEM TO CONTROL FLUID OUTLET TEMPERATURE.
- 3- TEMPERATURE TO BE ADJUSTED BY BLADE CONTROL SYSTEM.

LEGEND

REFERENCE DRAWING	DRG. No.

KEY PLAN

REV.	DESCRIPTION	BY	DATE	BY	DATE

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
V00	AUG.2024	IFA	AC	M.FAKHARIAN	M.SADIGHIAN	

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION
 PROJECT NO.: 971020
 EPC CONTRACTOR: HIRGAN ENERGY COMPANIES
 EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY PEDCO

DRAWING TITLE: P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
NS	A3	BK-GCS-AA-120-PR-PI-0001	4 OF 6	V00

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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

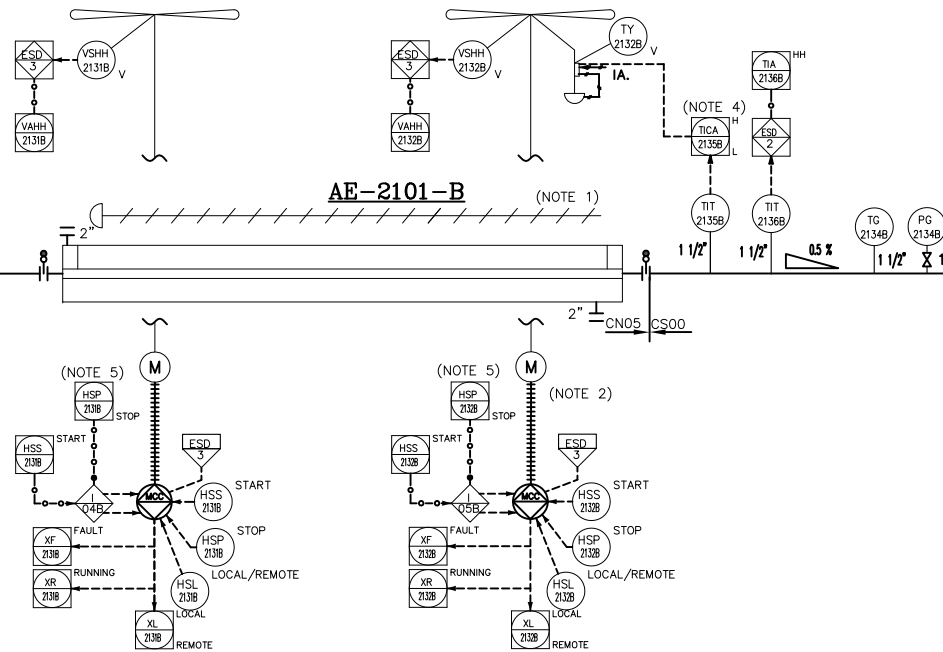
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BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	DATE:

VENDOR LOGO:

 Project No: 17208

AE-2102B
2ND STAGE GAS COMPRESSION AIR
COOLER TRAIN #B
 DESIGN DUTY : 582 kW
 DESIGN PRESS. : 62 barg
 DESIGN TEMP. : 175 °C



NOTES

- 1- MANUAL LOUVER 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 STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.

LEGEND

REFERENCE DRAWING	DRG. No.

KEY PLAN

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
V00	AUG.2024	IFA	AC	M.FAKHARIAN	M.SABGHIAN	

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION
 PROJECT NO.: 971020
 EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES
 EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY PEDCO

DRAWING TITLE: P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
NS	A3	BK-GCS-AA-120-PR-PI-0001	5 OF 6	V00

REV.	DESCRIPTION	BY	DATE	BY	DATE

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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

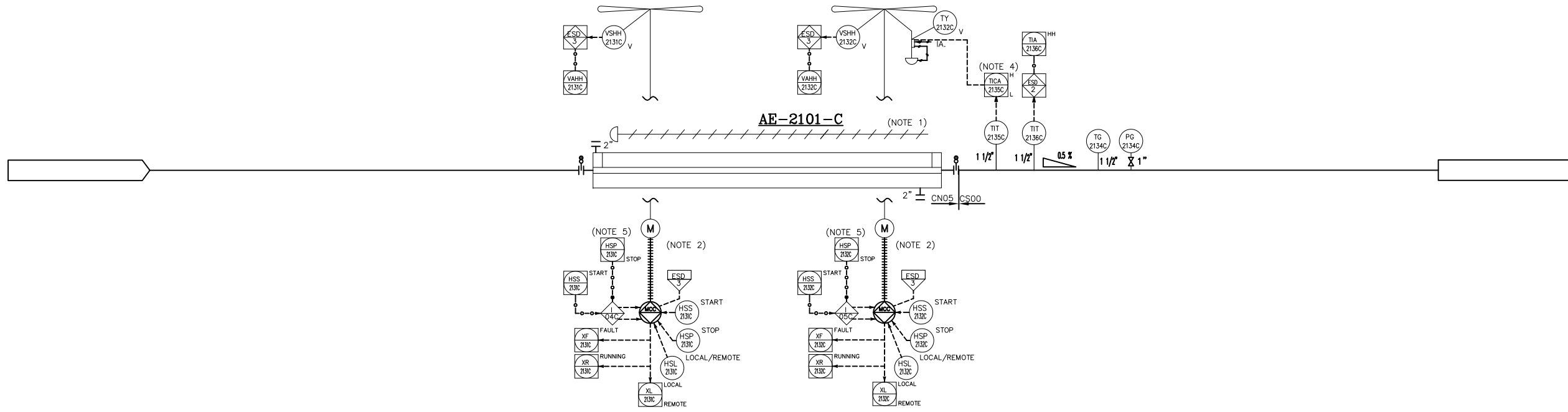
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APPROVED FOR CONSTRUCTION	BY:	DATE:

BUDGET REF.	LOCATION	SIZE CLASS	SERIAL NO.	SHEET REVISION
				5 OF 6



AE-2102C
 2ND STAGE GAS COMPRESSION AIR
 COOLER TRAIN #C
 DESIGN DUTY : 582 kW
 DESIGN PRESS. : 62 barg
 DESIGN TEMP. : 175 °C



- NOTES**
- 1- MANUAL LOUVER 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 STROKE DEVICE TO BE CONSIDERED FOR ALL ESDV'S ACTIVATED BY ESD 1,0.

LEGEND

REFERENCE DRAWING	DRG. No.

KEY PLAN

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BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET REVISION

V00	AUG.2024	IFA	AC	M.FAKHARIAN	M.SADIGHIAN	
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):			
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			PEDCO COMPANY			
DRAWING TITLE: P&ID - 1st STAGE GAS COMPRESSION AIR COOLERS						
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.	
NS	A3	BK-GCS-AA-120-PR-PI-0001		6 OF 6	V00	

VENDOR LOGO:

 Project No: 17208