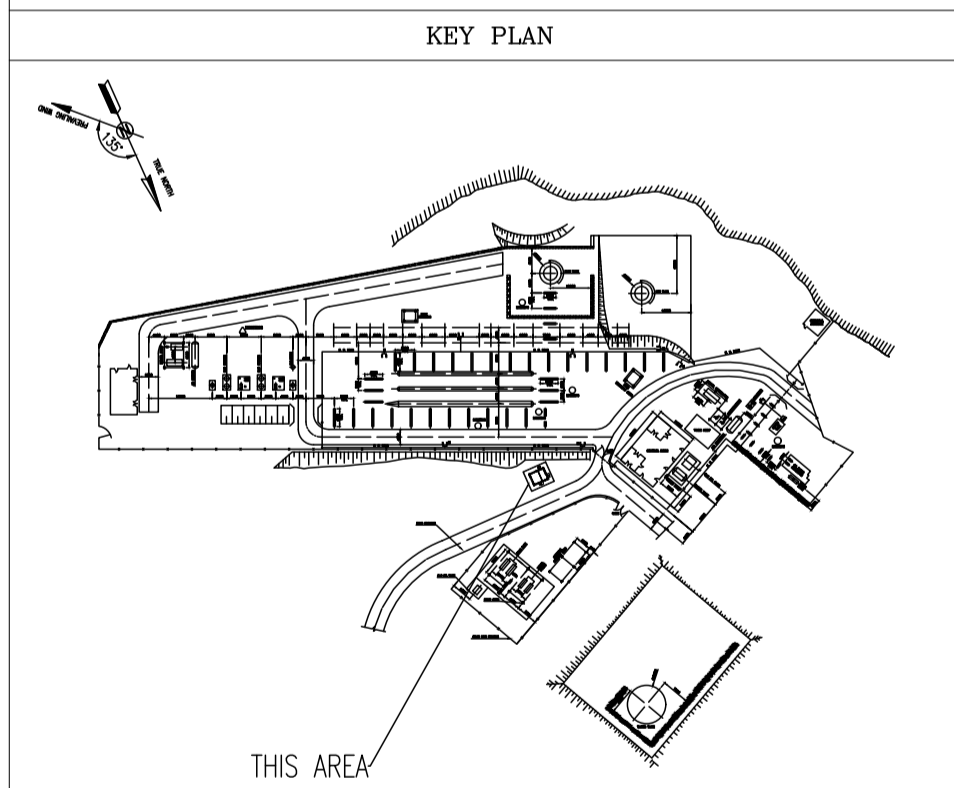


- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETER & ALL ELEVATIONS ARE IN METER UNLESS NOTED OTHERWISE.
 2. ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
 3. CONTRACTOR SHALL COMPARE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL, PIPING AND STRUCTURAL DRAWINGS AND IN CASE OF ANY CONFLICTS OR DISCREPANCY, INFORM THE ENGINEER.
 4. ALL MATERIALS ARE SELECTED FROM THE HIGHEST QUALITY AND MUST BE APPROVED BY THE CLIENT.
 5. ALL OPENINGS SHALL BE CONSIDERED AS PER RELATED DRAWINGS BEFORE CONSTRUCTION.
 6. ALL REFRIGERANT PIPE, FITTING AND INSULATION SHALL BE ACCORDING TO NBC #14.
 7. PIPE SUPPORT DETAIL DRAWING SHALL BE ACCORDING TO STANDARD DRAWING FOR HVAC & PLUMBING.
 8. MATERIAL OF CONDENSATE PIPES SHALL BE POLYPROPYLENE (PP) ACCORDING TO ASTM F2389 OR ISIRI 6314-1.2.
 9. REFRIGERATION PIPING, FITTING, INSULATION SIZES WILL BE SPECIFIED BY VENDOR.

- LEGEND**
- INDOOR UNIT WALL TYPE SPLIT AIR CONDITIONER
 - OUTDOOR UNIT SPLIT AIR CONDITIONER
 - REFRIGERANT PIPE LINE AND CONNECTING WIRE
 - CONDENSATE PIPE
 - B.O. ... BOTTOM OF ...

REFERENCE DRAWING	DRG. No.
HVAC & Plumbing Design Criteria	BK-GNRL-PEDCO-000-HV-DC-0001
Specification For HVAC Equipment	BK-GNRL-PEDCO-000-HV-SP-0001
Specification For Duct Work & Pipe Work	BK-GNRL-PEDCO-000-HV-SP-0002
Standard Drawing For HVAC & Plumbing	BK-GNRL-PEDCO-000-HV-DW-0001
Symbol & Legend For HVAC & Plumbing	BK-GNRL-PEDCO-000-HV-DW-0002
Architectural Drawing For CCTV Rack Room - Binak PU	BK-GCS-PEDCO-120-AR-DW-0010
Unit Plot Plan Drawing	BK-GCS-PEDCO-120-PI-PY-0001

SC.1:25 **1** FLOOR PLAN HVAC System Layout



100	GUARD HOUSE
101	RACK ROOM

DX-SPLIT AIR CONDITIONER UNITS

EQUIPMENT NO.	QTY.	TYPE	REQUIRED COOLING CAP. SENSIBLE/LATENT (BTU/HR)	REQUIRED HEATING CAP. (BTU/HR)	ACTUAL/NOMINAL CAP. SENSIBLE/LATENT (BTU/HR)	ELECTRIC POWER SUPPLY (V/PH/Hz)	POWER CONSUMPTION (KW)	SERVICE AREA	REMARK
1202-SUI-PUCR-01 1202-SU0-PUCR-01	1	WALL MOUNTED T3	5248/1814	2652	BY VENDOR	230/1/50	BY VENDOR	GUARD HOUSE	INDOOR AND OUTDOOR UNIT WITH THERMOSTAT AND ALL STANDARD ACCESSORY COOLING AND HEATING (HEAT PUMP)
1202-SUI-PUCR-02 1202-SU0-PUCR-02	1	WALL MOUNTED T3	4779/0	312	BY VENDOR	230/1/50	BY VENDOR	RACK ROOM	INDOOR AND OUTDOOR UNIT WITH THERMOSTAT AND ALL STANDARD ACCESSORY COOLING ONLY

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	DESCRIPTION	BY	DATE	BY	DATE		
D00	FEB.2024	IPC	KAHMADI	M.FAKHARIAN	S.PARMAZPOUR	**	DESCRIPTION	***	*****	**	*****		
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION								CHECKED				REV. APPR.	
PROJECT NO.: 971020								REV. APPR.					
EPC CONTRACTOR: HIRGAN ENERGY								EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY					
DRAWING TITLE: HVAC System Layout For CCTV Control Room - BINAK PU								NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION								BY: DATE:					
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-GCS-PEDCO-120-HV-PY-0011			01 OF 01	D00	053-073-9184	F	4	B	709432	01 OF 01	D00