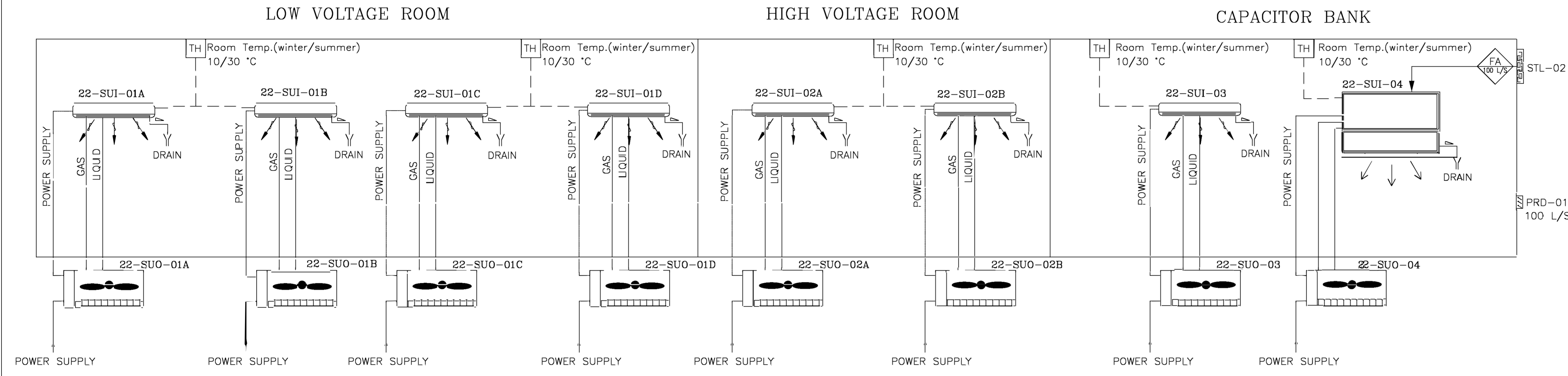
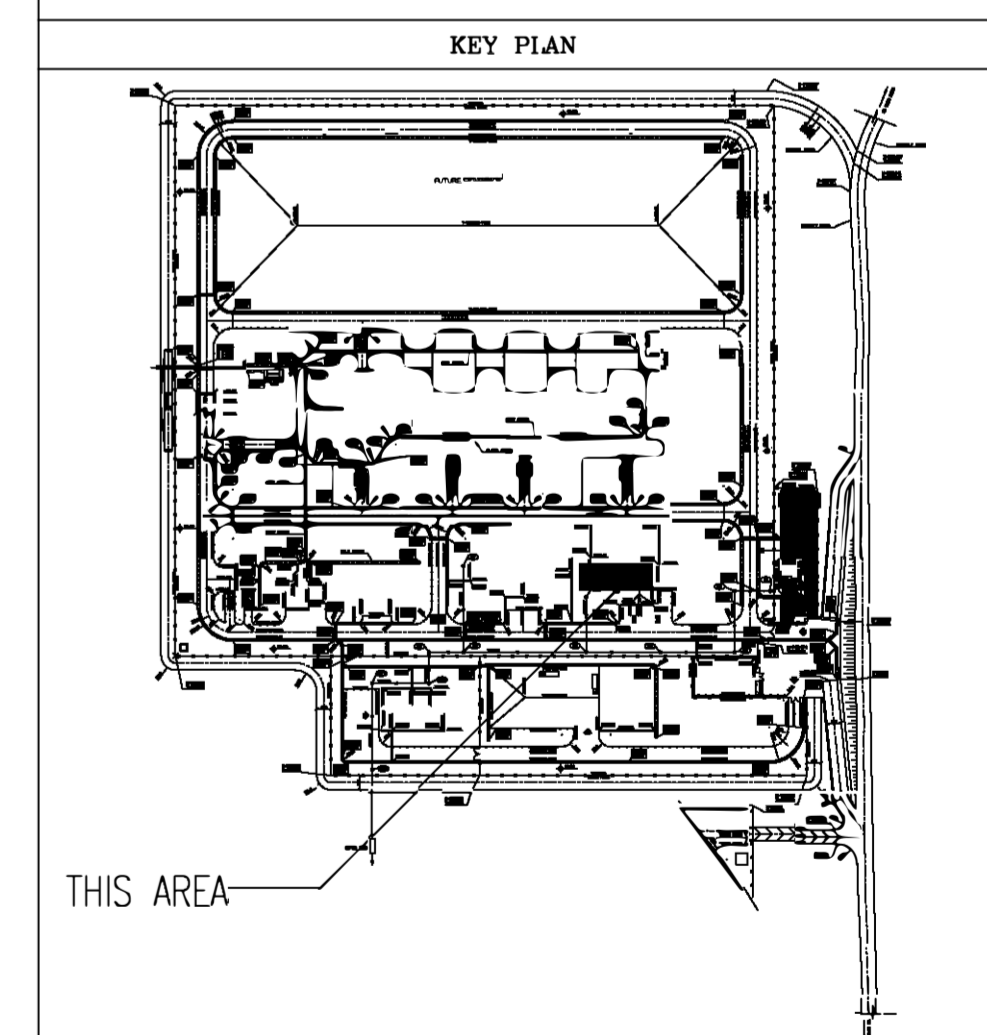


- NOTES**
- 1- A WALL MOUNTEN SPLIT UNITS READ ROOM TEMPERATURE OF CAPACITOR BANK WITH A ROOM THERMOSTAT. DUCTED SPLIT UNIT HAVE A SEPARATED ROOM THERMOSTAT.
 - 2- WHEN F&G PANEL RECEIVE AN ACTMATION SIGNAL FROM SMOKE DETECTOR LOCATED IN CAPACITOR BANK, ALL SPLIT UNITS AND DUCTED SPLIT SHALL BE SHUT DOWN VIA ISOLATED POWER SUPPLY.
 - 3- TWO WALL MOUNTEN SPLIT UNITS (22-SUI-02A,B) READ ROOM TEMPERATURE OF HIGH VOLTAGE ROOM WITH A COMMON ROOM THERMOSTAT. TWO OTHER WALL MOUNTEN SPLIT UNITS (22-SUI-01C,D) READ ROOM TEMPERATURE OF LOW VOLTAGE ROOM WITH ANOTHER COMMON ROOM THERMOSTAT.

- LEGEND**
- SAND TRAP LOUVER
 - INDOOR UNIT WALL TYPE SPLIT AIR CONDITIONER
 - OUTDOOR UNIT SPLIT AIR CONDITIONER
 - DUCT SPLIT AIR CONDITIONER
 - AXIAL EXHAUST FAN
 - PRESSURE RELIEF DAMPER
 - EXHAUST AIR LOUVER

REFERENCE DRAWING	DRG. No.
STANDARD DRAWING FOR HVAC & PLUMBING	BK-CNRM-PEDCO-000-HV-DW-0001
SYMBOL & LEGEND FOR HVAC & PLUMBING	BK-CNRM-PEDCO-000-HV-DW-0002
HVAC FLOW DIAGRAM FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-HV-DG-0003
HVAC SYSTEM LAYOUT & SECTION FOR EXTENSION OF EXISTING ELECT. BUILDING	BK-GCS-PEDCO-120-HV-EY-0004



HVAC I&C DIAGRAM

SC. N.T.S

REV.	DESCRIPTION	BY	DATE	CHECKED	REV. APPR.
001	IFC	HADINEH	06/01/2022	M.FAKHARIAN	M.MEHRSHAD
002	P.O.I.S	HADINEH	06/01/2022	M.FAKHARIAN	M.MEHRSHAD
003	PREP.	HADINEH	06/01/2022	M.FAKHARIAN	M.MEHRSHAD
004	CHK.	HADINEH	06/01/2022	M.FAKHARIAN	M.MEHRSHAD
005	APP.	HADINEH	06/01/2022	M.FAKHARIAN	M.MEHRSHAD
006	AUT.	HADINEH	06/01/2022	M.FAKHARIAN	M.MEHRSHAD

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

DRAWING TITLE: HVAC I&C DIAGRAM FOR EXTENSION OF EXISTING ELECT. BUILDING
 NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
AS SHOWN	A1	BK-GCS-PEDCO-120-HV-DG-0004	01 OF 01	D01	063-073-9184	F	4	B	708880	01 OF 01	D01