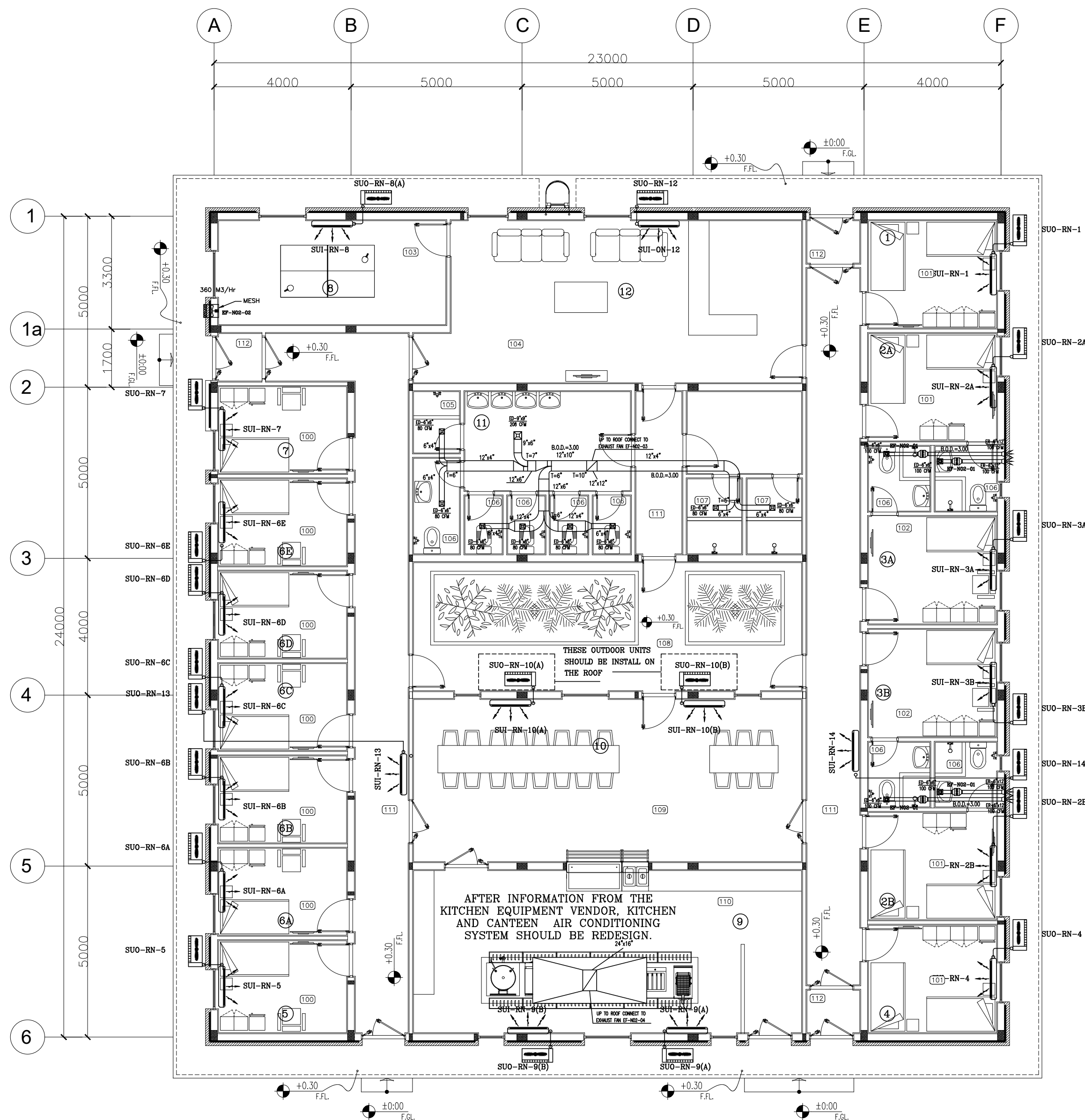
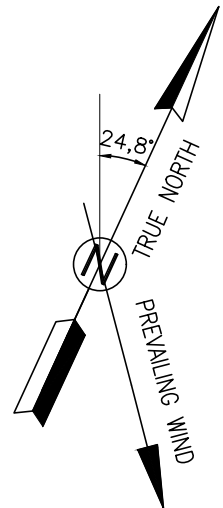




SPACE TAG NUMBER

- (100) SINGLE BED REST ROOM
- (101) DOUBLE BED REST ROOM
- (102) MASTER REST ROOM
- (103) SPORT ROOM
- (104) TV ROOM
- (105) J.C
- (106) TOILET
- (107) BATH
- (108) PATIO
- (109) CANTEN
- (110) KITCHEN
- (111) CORRIDOR
- (112) AIRLOCK

NOTES

GENERAL NOTES:

- 1-ALL DIMENSIONS ARE IN MILLIMETERS AND ALL ELEVATIONS ARE IN METERS.
- 2-THE EQUIPMENT SIZE MAY BE CHANGEABLE BY THE LATEST VENDOR DATA.
- 3-THESE DRAWINGS MUST BE READ IN CONJUNCTION WITH ARCH, STRUCTURAL, ELECTRICAL, INSTRUMENT, HVAC, SAFETY AND ... DRAWINGS.
- 4-DETAILS OF INDOOR & OUTDOOR UNIT INSTALLATION SHALL BE SUBMITTED AFTER VENDOR FINALIZED.
- 5-F.G.L. LEVEL (± 0.00) = 11.60 (IN THIS DRAWING).

LEGEND

- WALL MOUNTED SPLIT INDOOR UNIT
- FLOOR STAND SPLIT INDOOR UNIT
- SPLIT OUTDOOR UNIT
- AXIAL EXHAUST FAN
- ELECTRIC RADIATOR HEATER
- EXHAUST DIFFUSER

REFERENCE DRAWING

DRG. No.

HVAC EQUIPMENT SCHEDULE

BK-GNRL-PEDCO-220-HV-11-0001

KEY PLAN

EXHAUST FAN (NISOC RESIDENTIAL CAMP)

EQUIPMENT NO.	QTY.	SERVICE AREA	TYPE	TYPE CAPACITY (M ³ /HR)	STATIC PRESS. (PA)	MAX. ALLOWABLE NOISE LEVEL (dBA)	ELEC. POWER SUPPLY V/PH/Hz	ELECTRIC POWER INPUT (KW)	REMARK
EF-N02-01	4	REST ROOMS	CENTRIFUGE	170	58	55	230/1/50	BY VENDOR	DUCT MOUNTED WITH STANDARD ACCESSORY
EF-N02-02	1	SPORT ROOM	AXIAL	360	30	55	230/1/50	BY VENDOR	WITH STANDARD ACCESSORY
EF-N02-03	1	TOILET/BATH	CENTRIFUGE	1440	150	55	230/1/50	BY VENDOR	EQUIPPED EXHAUST AIR LOUVER WITH STANDARD ACCESSORY
EF-N02-04*	1	KITCHEN&CANTEN	CENTRIFUGE	4633	100	55	230/1/50	BY VENDOR	EQUIPPED EXHAUST AIR LOUVER WITH STANDARD ACCESSORY

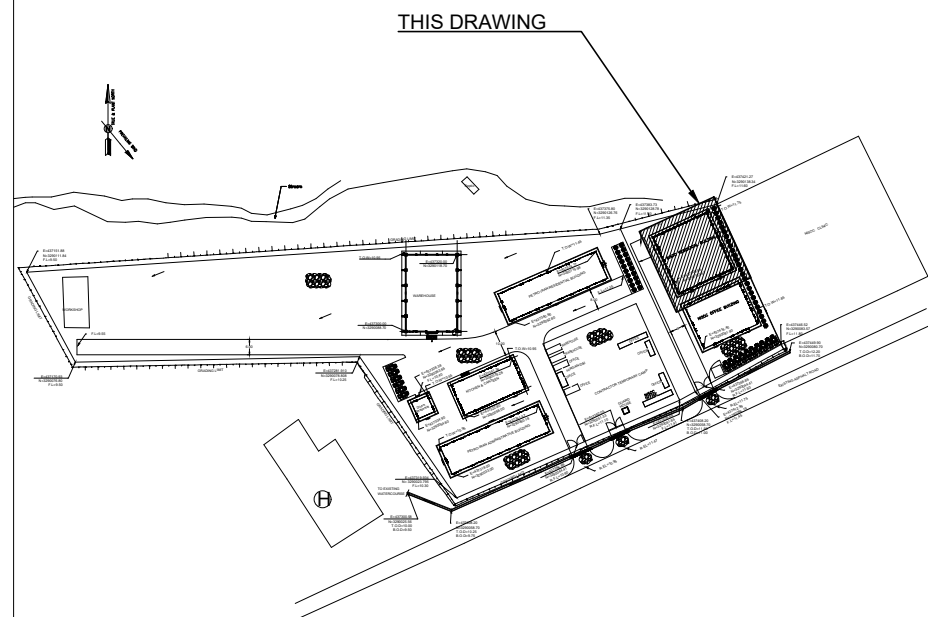
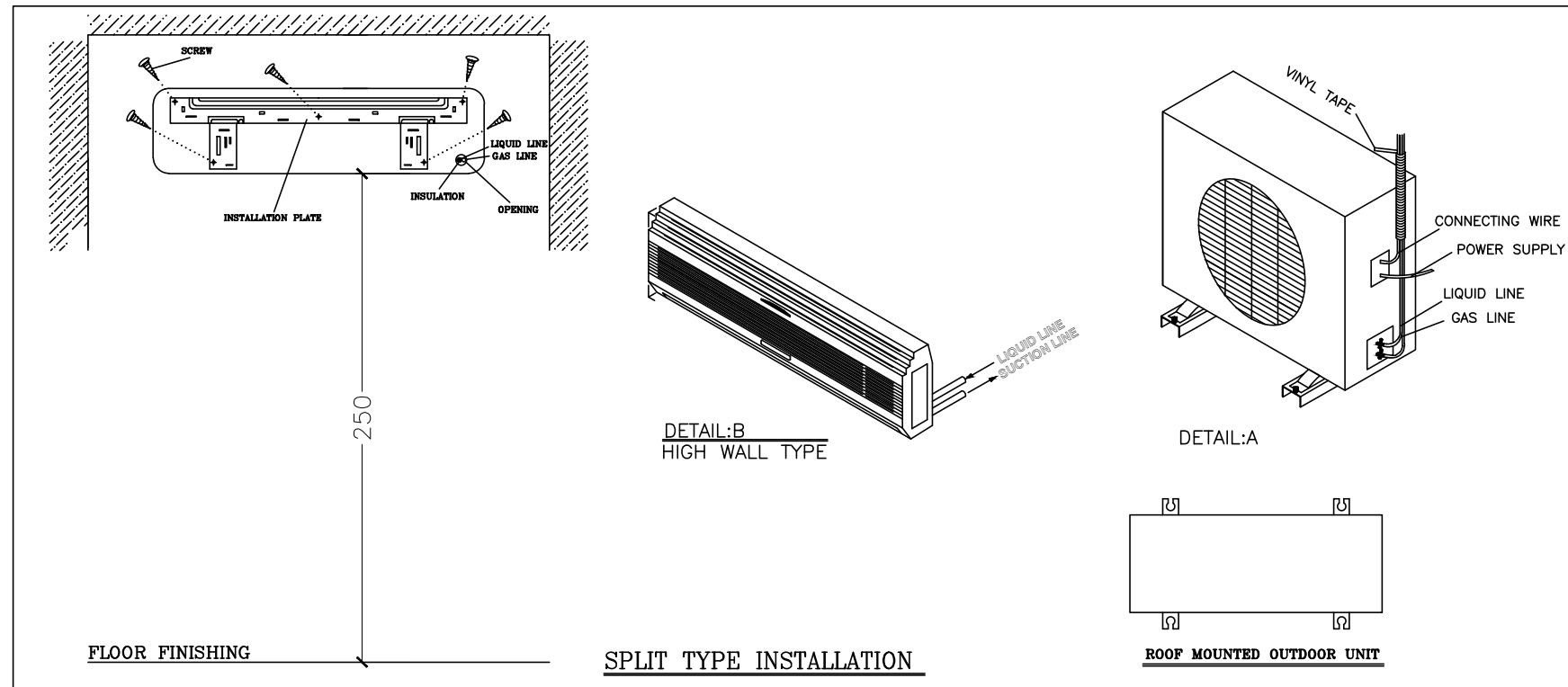
* AFTER INFORMATION FROM THE KITCHEN EQUIPMENT VENDOR, KITCHEN AND CANTEN AIR CONDITIONING SYSTEM SHOULD BE REDESIGN.

DX-SPLIT AIR CONDITIONER HEAT PUMP TYPE (NISOC RESIDENTIAL CAMP)

SPACE ID	SPACE ACTUAL COOLING LOAD (BTU/HR)	EQUIPMENT NO.	QTY.	TYPE	TYPE NOMINAL COOLING CAPACITY (BTU/HR)	ELEC. POWER SUPPLY V/PH/Hz	MANUFACTURE MODEL NUMBER	SERVICE AREA	REMARK
1	6838	SUI-RN-1	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
2A	6580	SUI-RN-2A	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
2B	6580	SUI-RN-2B	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
3A	6580	SUI-RN-3A	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
3B	6580	SUI-RN-3B	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
4	7064	SUI-RN-4	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
5	6742	SUI-RN-5	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
6A	4472	SUI-RN-6A	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
6B	4489	SUI-RN-6B	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
6C	4489	SUI-RN-6C	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
6D	4489	SUI-RN-6D	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
6E	4489	SUI-RN-6E	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
7	4736	SUI-RN-7	1	TROPICAL, HEAT PUMP, WALL MOUNTED	12000	230/1/50	BY VENDOR	REST ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
8	20269	SUI-RN-8	1	TROPICAL, HEAT PUMP, WALL MOUNTED	24000	230/1/50	BY VENDOR	SPORT ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
9	45967	SUI-RN-9(A),(B)	2 *	TROPICAL, HEAT PUMP, WALL MOUNTED	30000	230/1/50	BY VENDOR	KITCHEN	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
10	41397	SUI-RN-10(A),(B)	2 *	TROPICAL, HEAT PUMP, WALL MOUNTED	24000	230/1/50	BY VENDOR	CANTEN	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
12	17362	SUI-RN-12	1	TROPICAL, HEAT PUMP, WALL MOUNTED	24000	230/1/50	BY VENDOR	TV ROOM	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
13	10807	SUI-RN-13	1	TROPICAL, HEAT PUMP, WALL MOUNTED	18000	230/1/50	BY VENDOR	CORRIDOR	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.
14	10819	SUI-RN-14	1	TROPICAL, HEAT PUMP, WALL MOUNTED	18000	230/1/50	BY VENDOR	CORRIDOR	OUTDOOR & INDOOR UNIT WALL MOUNTED WITH THERMOSTAT AND ALL STANDARD ACCESSORIES SPLIT UNITS SHALL WORK FOR T3 CATEGORY AND COOLING LOAD SHALL DE-RATE 30% IN COMPARE WITH T1 RATING.

* AFTER INFORMATION FROM THE KITCHEN EQUIPMENT VENDOR, KITCHEN AND CANTEN AIR CONDITIONING SYSTEM SHOULD BE REDESIGN.

SC.1:100 1 GROUND FLOOR



D02	NOV.2023	AFC	K.AHMADI	M.PAKHARIAN	S.PARAMARZPOUR	**	***	*****	**	***.***	**	***.***	
D01	JUL.2023	IFA	KAHMADI	M.PAKHARIAN	A.M.MOHSSENI	**	REV.	DESCRIPTION	BY	DATE	BY	DATE	
D00	MAY.2022	IFC	HADINEH	M.PAKHARIAN	M.MEHRSHAD	**			CHECKED				REV. APPR.
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.						
PROJECT NAME:			BINAK OILFIELD DEVELOPMENT GENERAL				 THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS						
PROJECT NO.:			971020										
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				BINAK OILFIELD DEVELOPMENT GENERAL						
 			 PETROIRAN DEVELOPMENT COMPANY										
HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			PEDCO										
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:			HVAC SYSTEM LAYOUT (CAMP – NISOC RESIDENTIAL BUILDING)				NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	APPROVED FOR CONSTRUCTION			BY:	DATE:		
1:100	A1	BK–GNRAL–PEDCO–220–HV–PY–0002			01 OF 01	D02	F4B–707096	F	A1	1	707096	01	D02