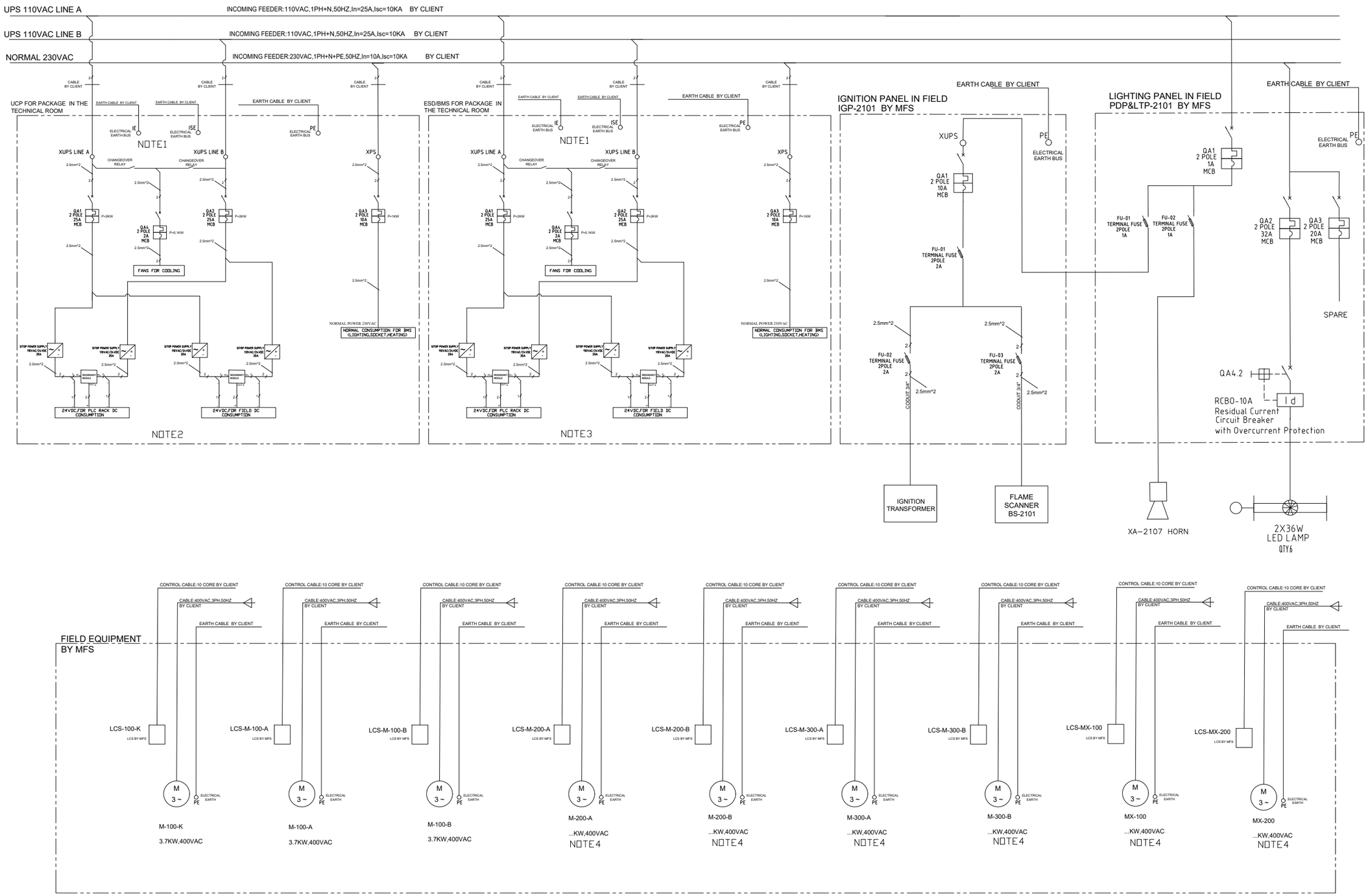

NOTES

1.DISTINCT EARTH LUG WILL BE SUPPLIED (IE:INSTRUMENT EARTH ISE:INTRINSICALLY SAFE EARTH)
2.DETAILED UCP WIRING DIAGRAM IS IN THE DOCUMENT NUMBER:BK-GCS-MF-120-IN-DW-0009
3.DETAILED ESD/BMS WIRING DIAGRAM IS IN THE DOCUMENT NUMBER:BK-GCS-MF-120-IN-DW-0010
4.PUMP POWER FOR INJECTION PACKAGE WILL BE FINILIZED AFTER RECIEVING MANUFACTURER DATA

LEGEND

REFERENCE DOCUMENT		
DESCRIPTION	TITLE NAME	DOCUMENT NUMBER
FOR CABLE INSTALLATION INCLUDE TRAY,CODUIT... DETAIL DRAWING	ELECTRICAL CABLE ROUTE FOR PK-2101	BK-GCS-MF-120-EL-DW-0003
FOR EARTHING DETAIL DRAWING	EARTHING DETAIL LAYOUT FOR PK-2101	BK-GCS-MF-120-EL-DW-0002
FOR LIGHTING LOCATION LAYOUT	ELECTRICAL PANEL LAYOUT AND WIRING DIAGRAM FOR PK-2101	BK-GCS-MF-120-EL-DW-0004
FOR IGNITION PANEL LAYOUT	ELECTRICAL PANEL LAYOUT AND WIRING DIAGRAM FOR PK-2101	BK-GCS-MF-120-EL-DW-0004
CONTROL SYSTEM WIRING DIAGRAM AND CONNECTIONS	CONTROL SYSTEM WIRING DIAGRAM AND CONNECTIONS	BK-GCS-MF-120-IN-DW-0009
ESD/BMS SYSTEM WIRING DIAGRAM AND CONNECTIONS	ESD/BMS SYSTEM WIRING DIAGRAM AND CONNECTIONS	BK-GCS-MF-120-IN-DW-0010

REFERENCE DRAWING	DRG. No.

KEY PLAN

REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	

REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
V00	Dec.2024	ISSUED FOR APPROVAL	MFS	M.FAKHARIAN	S.Faramarzpour	**.**

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)

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BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:

DRAWING TITLE: ELECTRICAL SINGLE LINE DIAGRAM

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
NTS	A3	BK-GCS-MF-120-EL-DW-0001	1 OF 1	V00

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION