

TELEPHONE LAYOUT

100	CONTROL ROOM
101	UPS
102	BATTERY ROOM
103	PANTRY
104	DINING ROOM
105	ENTRANCE
106	MANAGEMENT ROOM
107	CONFERENCE ROOM
108	ARCHIVE
109	LOCKER
110	PRAYER ROOM
111	STORE
112	CORRIDOR
113	AIR LOCK

ITEM	MTO DESCRIPTION	QTY.
1	TEL SOCKET OUTLET(RJ11) - SURFACE MOUNTED	10
2	TELEPHONE IDF ,50 PAIRS 0.6 MM+50 PAIR 0.8 IN FILED SIDE(NC/NO)	1
3	INDOOR TELEPHONE CABLE ,2X2X0.6 mm ,PVC INSULATED	300 m
4	DIGITAL TELEPHONE SET	5
5	M20- RGS CONDUIT	300 M

DO1	MARCH.2025	IPA	M.PAHMI	M.PAKHARIAN	S.PARAMARZPOUR	** **
DO0	MARCH.2024	IPC	H.SHAHBA	M.PAKHARIAN	S.PARAMARZPOUR	** **
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION

PROJECT NO.: 971020

HURGAN ENERGY - DESIGN & INSPECTION COMPANIES

PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: TELECOMM. EQUIPMENT LAYOUT FOR EXTENSION OF EXISTING CONTROL BUILDING

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-TE-PY-0007	01 OF 02	DO1

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

اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب می باشد.

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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION			BY:	DATE:
BUDGET REF.	LOCATION	SIZE CLASS	SERIAL NO.	SHEET REVISION
053-073-9184	F	2	T	708534 01 OF 02 DO1

**GENERAL NOTES:**

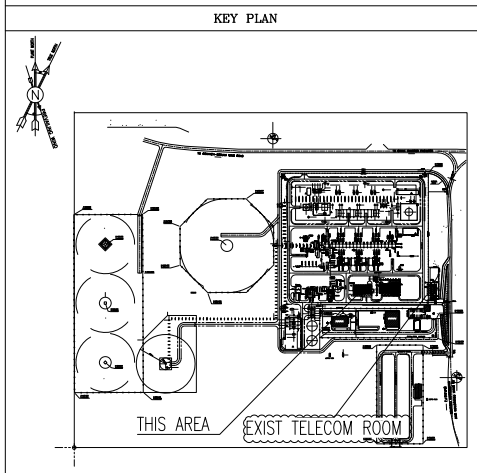
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- ALTHOUGH THE LOCATION OF EQUIPMENT HAS BEEN SHOWN BUT AS SYMBOLS ARE NOT TO SCALE MOST SUITABLE POSITIONS ARE TO BE CHOSEN AT SITE BY CONTRACTOR & ENGINEER.
- LAN CABLES SHALL BE SEPARATED FROM 400/230V POWER CABLES BY A MINIMUM OF 300mm ACCORDING TO STANDARD BS 6701. FOR PARALLEL RUNS. ANY CROSS-OVER SHALL BE AT RIGHT ANGLES.
- ALL RJ-11 SOCKETS WILL BE CONNECTED TO IDF BY 2X2X0.6 mm CABLE .
- SEPARATE CONDUIT AND SLEEVE SHALL BE USED FOR POWER AND TELEPHONE LAN/AND PAGING.
- METALLIC BODY OF ALL ELECTRICAL EQUIPMENT & METAL WORK OF WIRING SYSTEM OTHER THAN CURRENT CARRYING PARTS SHALL BE EFFECTIVELY EARTH THROUGH CONNECTION TO PROTECTIVE CONDUCTOR OF WIRING SYSTEM.
- TELEPHONE SOCKET SHALL BE CONNECTED TO TUB WITH 2X2X0.6 mm CABLE.
- WALL SOCKETS SHALL BE INSTALLED 30 cm ABOVE THE FLOOR LEVEL.
- LAN SOCKETS SHALL BE INSTALLED NEAR ELECTRICAL POWER SOCKETS AND TELEPHONE SOCKETS .
- AT LEAST 4 METERS OF EXTRA CABLE SHOULD BE COILED IN THE CEILING (OR BELOW THE FALSE -FLOOR) UNLESS THIS CREATES A CABLE RUN LONGER THAN 90 METERS .
- ALL CABLE & WIRES SHALL BE RUN IN RECESSED MOUNTED PVC CONDUIT (ROUTED INSIDE THE WALLS/FLOOR)
- THE PVC CONDUIT (RELATED TO CABLES OF THE LAN SYSTEM ) SHALL BE ROUTED INSIDE THE WALLS AT THE ELEVATION OF 30CM FROM THE FLOOR LEVEL. THE CONDUITS WHICH CAN NOT RUN INSIDE THE WALLS SHALL BE ROUTED INSIDE THE FLOOR.
- PAGA RACK WILL BE FED FROM TELECOM POP LOCATED IN TELECOM BUILDING.
- ALL TELECOM EQUIPMENT SHALL BE FED FROM 230 VAC, 50 HZ, AND THE ALLOWED BENDING RADIUS OF FIBER OPTIC CABLE SHALL BE FOLLOWED FROM LAN SPEC. & LATEST STANDARD-ALLOWED BENDING RADIUS: 200(D: External Diameter )
- MAXIMUM 2 NO.CAT 6 CABLE WILL BE ROUTED IN TO PG-21 CONDUIT.
- THE SPEAKER VOLUME CONTROL SHOULD BE ADJUSTABLE TO PROVIDE THE SHOULD BE 1.4m ABOVE FINISHED FLOOR.
- DESIRED SPEAKER LEVEL. INSTALLATION HEIGHT OF PAGING VOLUME CONTROL.
- TOP POINT OF POWER TERMINAL BOX SHALL BE INSTALLED 2000mm ABOVE FLOOR LEVEL.

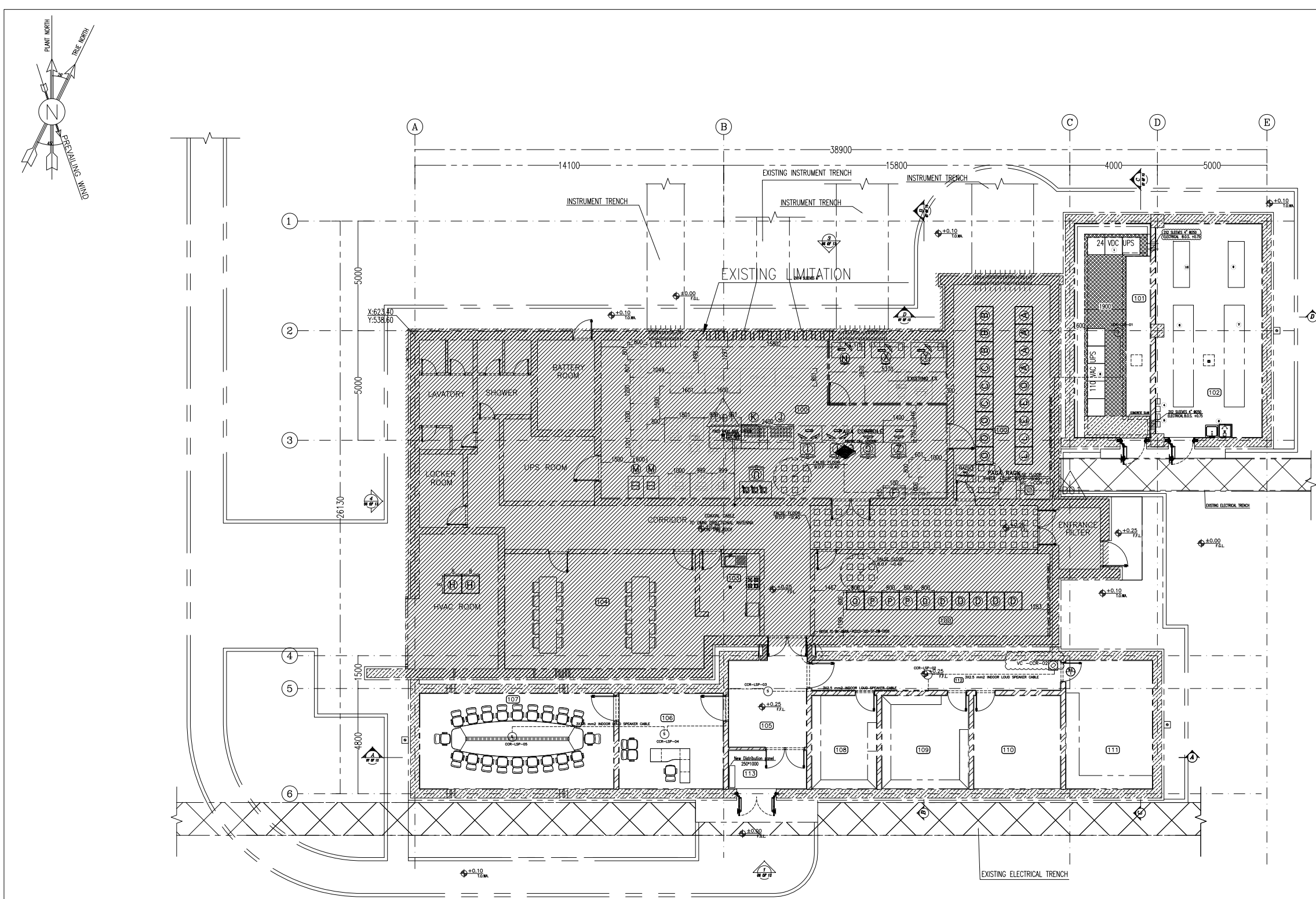
**LEGEND**

- DIGITAL DESK MOUNTED PHONE
- CEILING LOUD SPEAKER
- VOLUME CONTROLLER
- RJ-11 TELEPHONE SOCKET, SURFACE MOUNTED
- 3X2.5 mm2 INDOOR LOUD SPEAKER CABLE
- 2X2X0.6 MM INDOOR TELEPHONE CABLE

PJB: PAGING JUNCTION BOX  
MDF: MAIN DISTRIBUTION FRAME

REFERENCE DRAWING	DRG. No.
TELECOM. DESIGN CRITERIA	BE-ORNL-PEDCO-000-TE-SC-0001
BLOCK DIAGRAM FOR PAGA	BE-GCS-PEDCO-120-TE-BG-0005
DATA SHEETS FOR PABX	BE-GCS-PEDCO-120-TE-DP-0002
SPECIFICATION FOR PABX	BE-ORNL-PEDCO-000-TE-SP-0002
BLOCK DIAGRAM FOR PAGA	BE-GCS-PEDCO-120-TE-BG-0005
SPECIFICATION FOR PAGA	BE-ORNL-PEDCO-000-TE-SP-0003
TELECOM SYSTEMS LEGEND AND SYMBOLS	BE-ORNL-PEDCO-000-TE-DP-0001





PAGA LAYOUT 3 FURNITURE & FLOORING PLAN

100	CONTROL ROOM
101	UPS
102	BATTERY ROOM
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ITEM	MTO DESCRIPTION	QTY.
1	FLUSH MOUNTED CEILING LOUDSPEAKER .5W	5
2	PAGING CABLE 3X1.5 mm2, CU/PVC	80m
3	M20- RGS CONDUIT	100m
4	PAGA CONSOLE	1
5	PAGA SYSTEM ( RACK+MDF+AMPLIFIER,...)	1
6	VOLUME CONTROLLER	2
7	CAT 6 CABLE	60 m

DESCRIPTION	QTY	DIMENTION (WxDXH)
FIXED RADIO	1	BY VENDOR
RADIO ANTENNA	1	BY VENDOR

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PROJECT NO.: 971020

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AS SHOWN	A1	BK-GCS-PEDCO-120-TE-PY-0007	02 OF 02	DO1

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BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION					
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.	

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- LEGEND**
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- PJB: PAGING JUNCTION BOX  
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REFERENCE DRAWING	DRG. No.
TELECOM. DESIGN CRITERIA	SE-GSNAI-PEDCO-000-TE-SC-0001
BLOCK DIAGRAM FOR PAGA	SE-GCS-PEDCO-120-TE-SB-0005
DATA SHEETS FOR PABX	SE-GCS-PEDCO-120-TE-SF-0002
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SPECIFICATION FOR PAGA	SE-GSNAI-PEDCO-000-TE-SF-0003
TELECOM SYSTEMS LEGEND AND SYMBOLS	SE-GSNAI-PEDCO-000-TE-SF-0001

