

100	SWITCHGEAR ROOM		
101	BATTERY ROOM		
102	TRANSFORMER SHELTER	-	

GENERAL NOTES:

1. ALL DIMENSIONS AND COORDINATES ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

2. ALL ELEVATIONS ARE IN METER FROM F.FL. OF EACH ROOM.

3. THIS DWG. SHOULD BE WORKED TOGETHER WITH THE OTHER MECHANICAL, ARCHITECTURAL ELECTRICAL DWGS. & ANY CONFLICT SHOULD CLARIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

NOTES

4. ALL HORIZONTAL DOMESTIC WATER PIPES IN THE BUILDING SHALL RUN ABOVE THE FALSE CEILING UNLESS OTHERWISE SPECIFIED.

5. MATERIAL OF DOMESTIC COLD AND HOT WATER PIPES OUTSIDE BUILDING ARE GALVANIZED STEEL IN ACCORDANCE WITH ASTM A53 AND FITTINGS ARE IN ACCORDANCE WITH ASME B16.12.

6. DOMESTIC HOT WATER PIPING INSIDE THE BUILDING WILL BE COVERED WITH THERMAL INSULATION

(WATER PIPE INSULATION) ACCORDING TO NIBR TOPIC 16. 7. DOMESTIC COLD WATER PIPING OUTSIDE THE BUILDING SHALL BE COVERED WITH ELASTOMERIC

8. TOP OF THE SUPPORT STEEL STRUCTURE SHALL BE CONSIDERED AS B.O.P.

9. MATERIAL OF SANITARY SEWER, VENT PIPES AND FITTINGS SHALL BE PVC-U (BD-TYPE) IN ACCORDANCE WITH EN 1451.

INSULATION (MIN 25MM)

10. SLOPE OF SEWAGE PIPES ARE 1.5% ~ 2% TO DRAIN. 11.MATERIAL OF DOMESTIC COLD AND HOT WATER PIPES INSIDE BUILDING SHALL BE FIVE LAYERED

POLYETHYLENE PEX -AL- PEX ACCORDING TO ASTM F1281/1282 AND FITTINGS SHALL BE ACCORDING

TO ASTM F1281/1282.

12.MATERIAL OF HOT DIPPED GALVANIZED STEEL PIPE SHALL BE ACCORDING TO ASTM A53 GR B AND

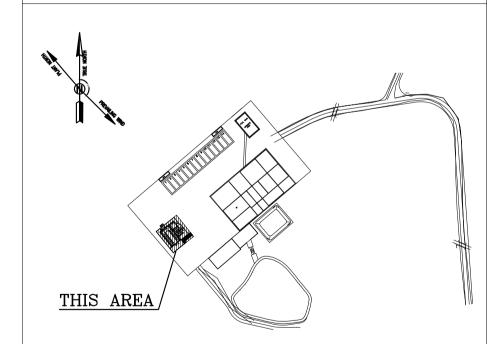
FITTINGS SHALL BE ACCORDING TO ASTM A234 GR WPB.

13. ALL VALVES ABOVE THE FALSE CEILING SHALL HAVE ACCESS DOOR.

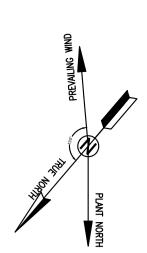
14. THE WASTE FROM BUILDING TO WASTE WATER TREATMENT PLANT SHALL DISCHARGE BY GRAVITY FLOW. 15.FINAL ROUTE FOR PLUMBING SHALL NOT BE OVER AND NEAR THE ELECTRICAL & CONTROL PANEL.

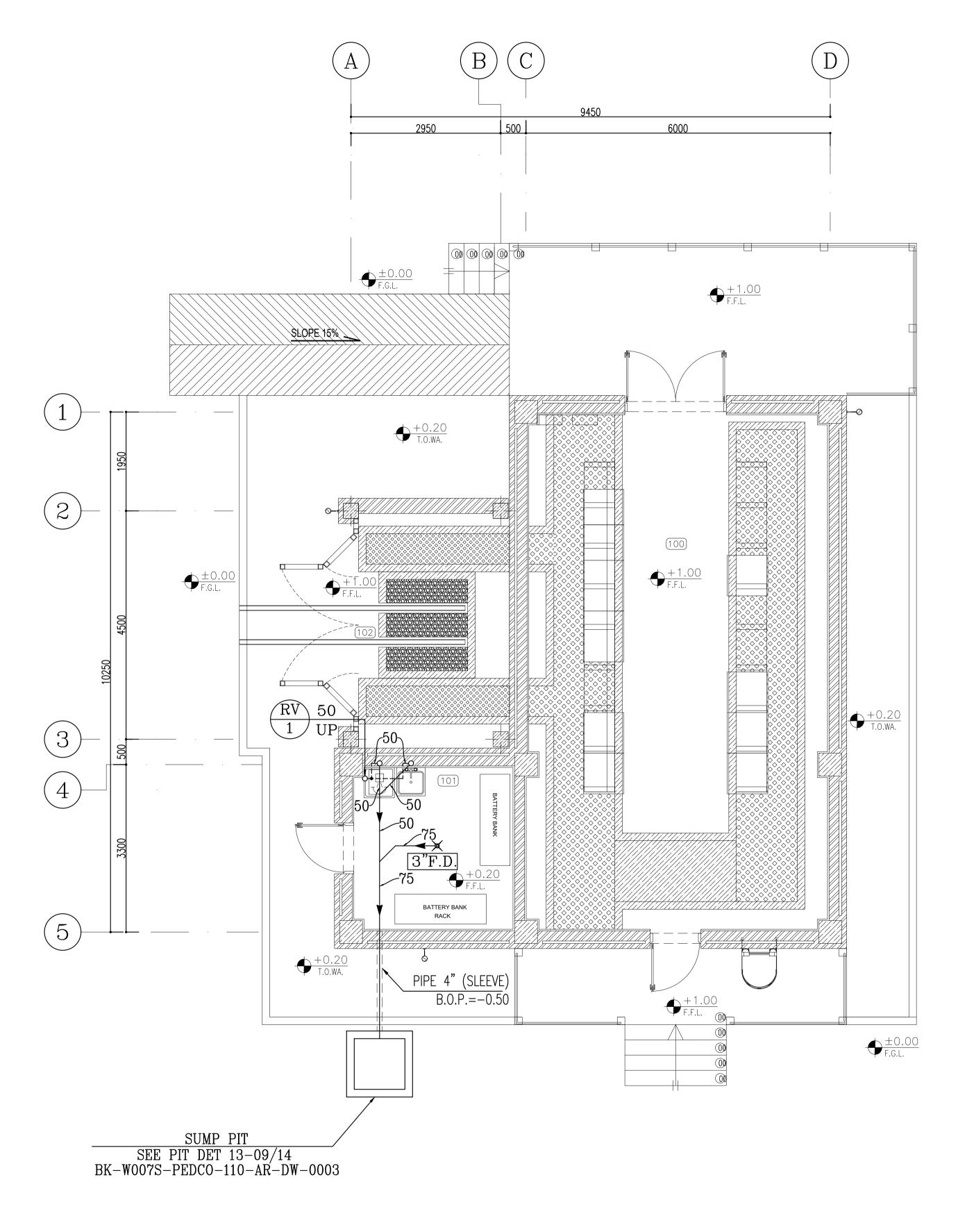
LEGEND

REFERENCE DRAWING	DRG. No.						
STANDARD DRAWING FOR HVAC & PLUMBING	BK-GNRAL-PEDCO-000-HV-DW-0001						
SYMBOL & LEGEND FOR HVAC & PLUMBING	BK-GNRAL-PEDCO-000-HV-DW-0002						
KEY PLAN							



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D01	SEP.2023	IFA	K.AHMADI	M.FAKHARIAN	S.FARAMARPOUR	**.**	REV.	DESCRIPTION		CDIDTION		1	DATE	BY	DATE		
D00	OCT.2022	IFC	A.ADINEH	M.FAKHARIAN	M.MEHRSHAD	**,**	1015 V .			IN .	CHECKE		KED REV.		APPR.		
REV.	DATE	P.O.I.S	PREP.	СНК.	APP.	AUT.	.د.	وب ميباث	لق نفت خيز جن	ملی مناط	به شرکت	باس متعلق	نقشه وحق أقت	يه نسخ اين	اصل و ک		
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES WOO7S WHF & EXTENSION OF BINAK B/C						THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF											
PROJECT NO.: 971020						N.I.S.O.C./ FIELDS											
EPC CONTRACTOR: EPD/EPC CONTRACTOR (GC):						BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES											
HIRGAN TE				PETROIRAN DEVELOPMENT			W007S WHF & EXTENSION OF BINAK B/C					AK B/C					
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES		PEDC	COMPANY			DA	DATE SCALE		Æ	DRAWING BY		CHECKEI) BY PR	OJECT EN			
DRAWING	DRAWING TITLE:								NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED								
PLUMBING & SEWAGE PIPING LAYOUT FOR SWITCHGEAR BUILDING - W007S				007S	APPI	APPROVED FOR CONSTRUCTION BY: DATE:											
SCALE	SIZE	DRAWIN	IG NO.	SHEET NO. REV.		BUDGET	r ref.	LOCATION	SIZE	IZE CLASS S		SERIAL NO.		REVISIO			
AS SHOWN	A1	BK-W007S-PEDCO-	-110-HV-P	-PY-0003 01 OF 02 D01			053-073	3-9184	F	4	В	В 707939		01 OF 0	2 D01		





FLOOR PLAN SEWAGE PIPING LAYOUT

> 100 SWITCHGEAR ROOM 101 BATTERY ROOM 102 TRANSFORMER SHELTER

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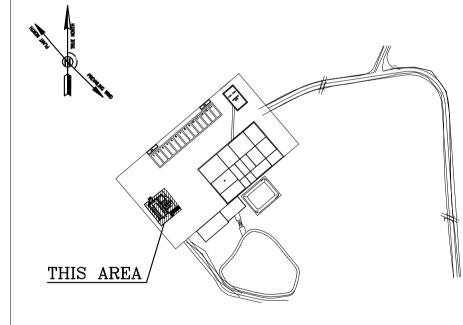
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SYMBOL & LEGEND FOR HVAC & PLUMBING	BK-GNRAL-PEDCO-000-HV-DW-0002							
KEY PLAN								
KET FLAN								



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