

100	STORAGE
101	INSTRUMENT WORKSHOP
102	INSTRUMENT STORAGE
103	TOILET
104	ROOF
105	WALKWAY

IC POWER PPLY PH/Hz	HEATING ELEMENT POWER (KW)	INCLUDING
)/1/50	1.7	STANDARD THERMOSTATS (A SAFETY CUT-OUT) PREVENTING THE ELECTRICALLY-LIVE PARTS TO BE IN CONTACT WITH WATER. AND EQUIPPED WITH DRAIN VALVE, TEMPERATURE GAGE AND ALL STANDARD ACCESSORIES

D00	APR.2024	IFC	K.AHMADI	
REV.	DATE	P.O.I.S	PREP.	L
PROJECT	NAME:	BINAK OILFIELD GA	DEVELOPME S COMPRESS	5
PROJECT	NO.:		97102	2
EPC CONT	FRACTOR:		EPD/EPC (2
C	HIRGAL		C	
HIRGAN 1	ENERGY – Com	DESIGN & INSPECTION PANIES	PEDCO	2
DRAWING	TITLE: PLUMBI	ING & SEWAGE PIPING L	AYOUT FOR	
SCALE	SIZE	DRAWIN	IG NO.	
AS SHOWN	A1	BK-GCS-PEDCO-1	20-HV-PY-	

			NOTES									
			GENERAL NUTES: 1. ALL DIMENSIONS ARE IN MILLIMETER & ALL ELEVATIONS ARE IN METER UNLESS NOTED OTHERWISE									
			2. ALL	DIMENSI	ONS AND ELI DN.	EVATION	S SHALL	BE CHECI	KED BY TH	E CONTR	RACTOR	PRIOR TO
			3. THIS & AN 4. ALL 1	DWG. SHO IY CONFLIC HORIZONTA	ULD BE WORKED T SHOULD CLAR L DOMESTIC WA	togethe Ified by Ter pipes	ER WITH THE THE CONTRA S IN THE BI	OTHER ME CTOR PRIOR JILDING SH/	CHANICAL, AR 10 Constru All Run Abo'	CHITECTUR ICTION. VE THE F/	AL ELEC	TRICAL DWGS.
			OTHEF 5. MATEF	 ALL HUMIZUMENT DUMESTIC WATER FIFES IN THE BUILDING SHALL RUN ABOVE THE FALSE CEILING UNLESS OTHERWISE SPECIFIED. MATERIAL OF DOMESTIC COLD AND HOT WATER PIPES OUTSIDE BUILDING ARE GALVANIZED STEEL IN 								
			ACCO	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								
			7. DOME:	 PIPE INSULATION) ACCORDING TO NIBR TOPIC 16. 7. DOMESTIC COLD WATER PIPING OUTSIDE THE BUILDING SHALL BE COVERED WITH ELASTOMERIC INSULATION (MIN 25MM) 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. 10. EXPOSED VENT PIPE AT ROOF LEVEL SHALL BE PROTECTED FROM SUNLIGHT BY PAINTING, COATING OR 								
			(MIN 8. TOP (
			9. MATER WITH									
			INCLAFUSED VENT FIFE AT RUOF LEVEL SHALL BE PROTECTED FROM SUNLIGHT BY PAINTING, COATING OR INSULATION. 11.SLOPE OF SEWAGE PIPES ARE 1.5% ~ 2% TO DRAIN.									
			12.MATER POLYE	12.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 13.MATEF	ASTM F1281/1282. 13.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. 14. ALL VALVES ABOVE THE FALSE CEILING SHALL HAVE ACCESS DOOR. 15. THE WASTE FROM BUILDING TO WASTE WATER TREATMENT OF DITS IN PLANT SHALL DISCUMPTED BY ORDER TO									
			15. THE N FLOW.	FLOW. 16.FINAL ROUTE FOR PLUMBING SHALL NOT BE OVER AND NEAR THE ELECTRICAL & CONTROL PANEL. LEGEND								
			10.FINAL									
					DW			DONE				
					·		_	DOME	STIC CC)LD W	AIEF	(LINE
					- <u> </u>		_	VENT	LINE			
					2		-	SEWAC	GE LINE			
							_	DIREC	tion of	F FLO	W	
							-	GATE	VALVE	(NORN	/AL	OPEN)
							_	GATE	VALVE	(NORN	/AL	CLOSE)
							-	GLOB	e valve			
							_	CHEC	k valve	(SW	NG	type)
				STRAINER (Y-TYPE)								
			B.O.P. BOTTOM OF PIPE									
		REFERENCE DRAWING DRG. No.										
		SPECIFICATION FOR HVAC EQUIPMENT BK-GNRAL-PEDCO-000-HV-SP-							HV-SP-0001			
			SPECIFICATION FOR DUCT WORK & PIPE WORK BK-GNRAL-PEDCO-000-HV-SP-000 STANDARD DRAWING FOR HVAC & PLUMBING BK-GNRAL-PEDCO-000-HV-DW-000								HV-SP-0002	
			SYMBOL & LEGEND FOR HVAC & PLUMBING BK-GNRAL-PEDCO-000-HV-DW-000								HV-DW-0002	
			ARCHITECTURAL DETAIL DRAWING FOR GCS WAREHOUSE BK-GCS-PEDCO-120-AR-DW-0012								R-DW-0012	
			sr	SITE SEWERAGE SYSTEM LAYOUT & DETAILS BK-GCS-PEDCO-120-CV-PY-0001								
				U	NIT PLOT PLA	N DRAW	ING		BK-PP	L-PEDCO-	-120-P	I-PY-0001
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/SURFAC STATIO	E FACILITIES N	}	- 6		HE ORIGINA THE CC	L AND PYRIGH	ALL COP IT THERE N.I.S.(ies of 1 Cin are D.C./	THIS DRAW THE SOLE FIELDS	VING TO PROPE	GETHI RTY	ER WITH DF
NTRACTO	R (GC):				BINA	K OI	LFIELD	DEVE	LOPME	NT		
PE	TROIRAN	SURFACE FACILITIES GAS COMPRESSOR STATION										
DE CO	VELOPME MPANY	NT	DA	TE	SCAL	E	DRAWI	NG BY	CHECKE	D BY	PRO	JECT ENG
			1		 NSTRUCTIO	N PEI	RMITTED	UNLES	SS DRAW	ING AF	 PRO	VED
S WAREH	IOUSE		APPF	ROVED	FOR CONS	STRUC	TION	BY:		DAT	E:	
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D00	APR.2024	IFC	K.AHMADI								
REV.	DATE	P.O.I.S	PREP.								
PROJECT	PROJECT NAME: BINAK OILFIELD DEVELOPM GAS COMPRES										
PROJECT	PROJECT NO.: 9710										
EPC CON	EPD/EPC										
HIRGAN	HIRGAL ENERG ENERGY -	MY DESIGN & INSPECTION									
	Сом	PANIES	FEDCO								
DRAWING	TITLE: PLUMBI	ING & SEWAGE PIPING I	AYONN FOR								
SCALE	SIZE	DRAWIN	NG NO.								
S SHOWN	120-HV-PY-										

			NOTES									
			1. ALL		ONS ARE IN	MILLIME	TER & AL	L ELEVAT	IONS ARE I	N METE	R UNL	ESS NOTED
			OTHERWISE. 2. ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO									
			CONSTRUCTION. 3. THIS DWG. SHOULD BE WORKED TOGETHER WITH THE OTHER MECHANICAL, ARCHITECTURAL ELECTRICAL DWGS. & ANY CONFLICT SHOULD CLARIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.									
			 ALL HORIZONTAL DOMESTIC WATER PIPES IN THE BUILDING SHALL RUN ABOVE THE FALSE CEILING UNLESS OTHERWISE SPECIFIED. 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 INSULATION									
			(MIN 8. TOP	(MIN 25MM) 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. 10.EXPOSED VENT PIPE AT ROOF LEVEL SHALL BE PROTECTED FROM SUNLIGHT BY PAINTING, COATING OR INSULATION. 11.SLOPE OF SEWAGE PIPES ARE 1.5% ~ 2% TO DRAIN. 									
			11.SLOP 12.MATE POLY	E OF SEWA RIAL OF ETHYLENE	GE PIPES ARE Domestic coli Pex —Al— Pex	1.5% ~ 2 D AND ACCORDI	2% TO DRAIN HOT WATER NG TO ASTI	I. ? PIPES IN M F1281/12	ISIDE BUILDIN 182 AND FITTIN	G SHALL NGS SHAL	BE F LBE≠	IVE LAYERED
			ASTM 13. MATE SHAL	ASTM F1281/1282. 13.MATERIAL OF HOT DIPPED GALVANIZED STEEL PIPE SHALL BE ACCORDING TO ASTM A53 GR B AND FITTINGS								
			14. ALL 1 15. THE	14. ALL VALVES ABOVE THE FALSE CEILING SHALL HAVE ACCESS DOOR. 15. THE WASTE FROM BUILDING TO WASTE WATER TREATMENT OR PITS IN PLANT SHALL DISCHARGE BY GRAVITY								
			FLOW 16. FINAL	. ROUTE FO	OR PLUMBING SH	IALL NOT	BE OVER AI	ND NEAR TH	E ELECTRICAL	& CONTR	OL PAN'	EL.
							LEG	END				
					DW							
					· ·		_	VENT	STIC CO	LD W.	AIEM	(LINE
					S		_	SEWAG	GE LINE			
							_	DIREC	tion of	FLO	W	
							_	GATE	VALVE (NORM	1AL	OPEN)
							_	GATE	VALVE (NORM	1AL	CLOSE)
							_	GLOB	e valve			
							_	CHEC	< VALVE	(SWI	NG	type)
			STRAINER (Y-TYPE)									
			B.O.P. BOTTOM OF PIPE									
		REFERENCE DRAWING DRG. No.										
			HVAC & PLUMBING DESIGN CRITERIA BK-GNRAL-PEDCO-000-HV-D SPECIFICATION FOR HVAC EQUIPMENT BK-GNRAL-PEDCO-000-HV-S								HV-DC-0001 HV-SP-0001	
		SPECIFICATION FOR DUCT WORK & PIPE WORK BK-GNRAL-PEDCO-000-HV-SP-0002										
			ST	STANDARD DRAWING FOR HVAC & PLUMBING BK-GNRAL-PEDCO-000-HV-DW-0001								
			SIMBOL & LEGEND FOR HVAC & PLUMBING BK-GNRAL-PEDCO-000-HV-DW-(ARCHITECTURAL DETAIL DRAWING FOR GCS WAREHOUSE BK-GCS-PEDCO-120-AR-DW-0(R-DW-0012	
				U/G PIPING PLAN BK-GCS-PEDCO-120-PI-DW-000								
			SI	ITE SEWE	RAGE SYSTEM	N DRAW	T & DETAI 'ING	LS	BK-GCS BK-PPL	-PEDCO- -PEDCO-	-120-C	V-PY-0001 I-PY-0001
							KEY	PLAN				
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SURFAC STATIO	E FACILITIES		THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF									
ONTRACTOR (GC):			BINAK OILFIELD DEVELOPMENT									
PE	TROIRAN		SURFACE FACILITIES GAS COMPRESSOR STATION									
DE CO	VELOPMEI MPANY	NT	DA	TE	SCAL	E	DRAWI	NG BY	CHECKE	D BY	PRO	JECT ENC
]	NO COI	 NSTRUCTIO	N PEI	 RMITTED) UNLES	SS DRAWI	NG AF	'PRO'	VED
S WAREH	IOUSE		APPI	ROVED	FOR CONS	STRUC	TION	BY:		DAT	E:	
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