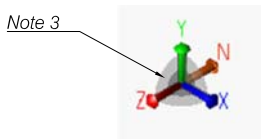






Equipment List		
No	DESCRIPTION	Weight (Kg)
1	Skid & GB	25000
2	Bare Block and Flywheel	33000
3	Distance Piece Collection Pot	70
4	Packing Leakage Collection Pot	62
5	Suction Snubber St.1	1448.7
6	Discharge Snubber St.1	1375.2
7	Suction Snubber St.2	1441.7
8	Discharge Snubber St.2	1495.7
9	Electrical Motor 1070 kW	17850
Total Weight		81743

NOZZLE TABLE		
TP. No	DESCRIPTION	SPECIFICATION
TP-2120-A/B-C	Process Gas Inlet St.1	FLANGE WN 10". 300# RF (NOZZLE)
TP-2124-A/B-C	Process Gas Outlet St.1	FLANGE WN 10" 300# RF (NOZZLE)
TP-2141-A/B-C	Process Gas Inlet St.2	FLANGE WN 6"-600# RF (NOZZLE)
TP-2142-A/B-C	Process Gas Outlet St.2	FLANGE WN 6". 600# RF (NOZZLE)
TP-2122-A/B-C	Air Inlet	FLANGE THRD 2". 150# RF (NOZZLE)
TP-2121-A/B-C	N2 Inlet	FLANGE SW 1". 150# RF (NOZZLE)
TP-02-A/B-C	FLR. Vent to safe location	FLANGE WN 2"-150# RF (NOZZLE)
TP-03-A/B-C	Bare Block Drain	FLANGE SW 3". 150# RF (NOZZLE)
TP-2123-A/B-C	Close Drain	FLANGE SW 1"-150# RF (NOZZLE)
TP-01-A/B-C	Flare header	FLANGE BW 2"-150# RF (NOZZLE)

NOZZLE TABLE			ALLOWABLE LOAD						NOZZLE DISPLACEMENT		
stage	TP NO.	DESCRIPTION	FORCE(N)			MOMENT(N.M)			mm		
			Fx	Fy	Fz	MX	MY	MZ	DX	DY	DZ
1	suction TP01	ASME B 16.5 10" 300#,WN,RF	8500	8500	6500	5000	2000	4000	4	2.1	0.9
	discharge TP02	ASME B 16.5 10" 300#,WN,RF	8500	8500	6500	5000	2000	4000	4	2.1	0.9
2	suction TP03	ASME B 16.5 6" 600#,WN,RF	7000	7000	5000	3500	1200	2200	4	2.4	1.5
	discharge TP04	ASME B 16.5 6" 600#,WN,RF	7000	7000	5000	3500	1200	2200	4	2.4	1.5

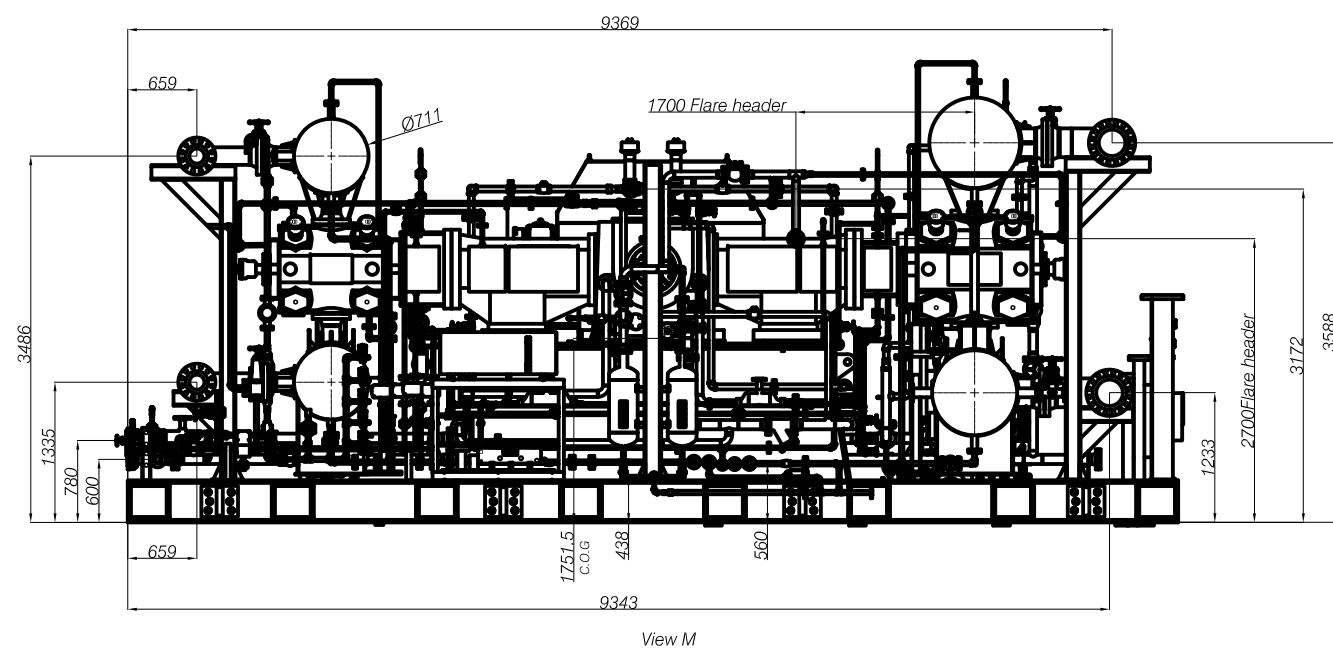
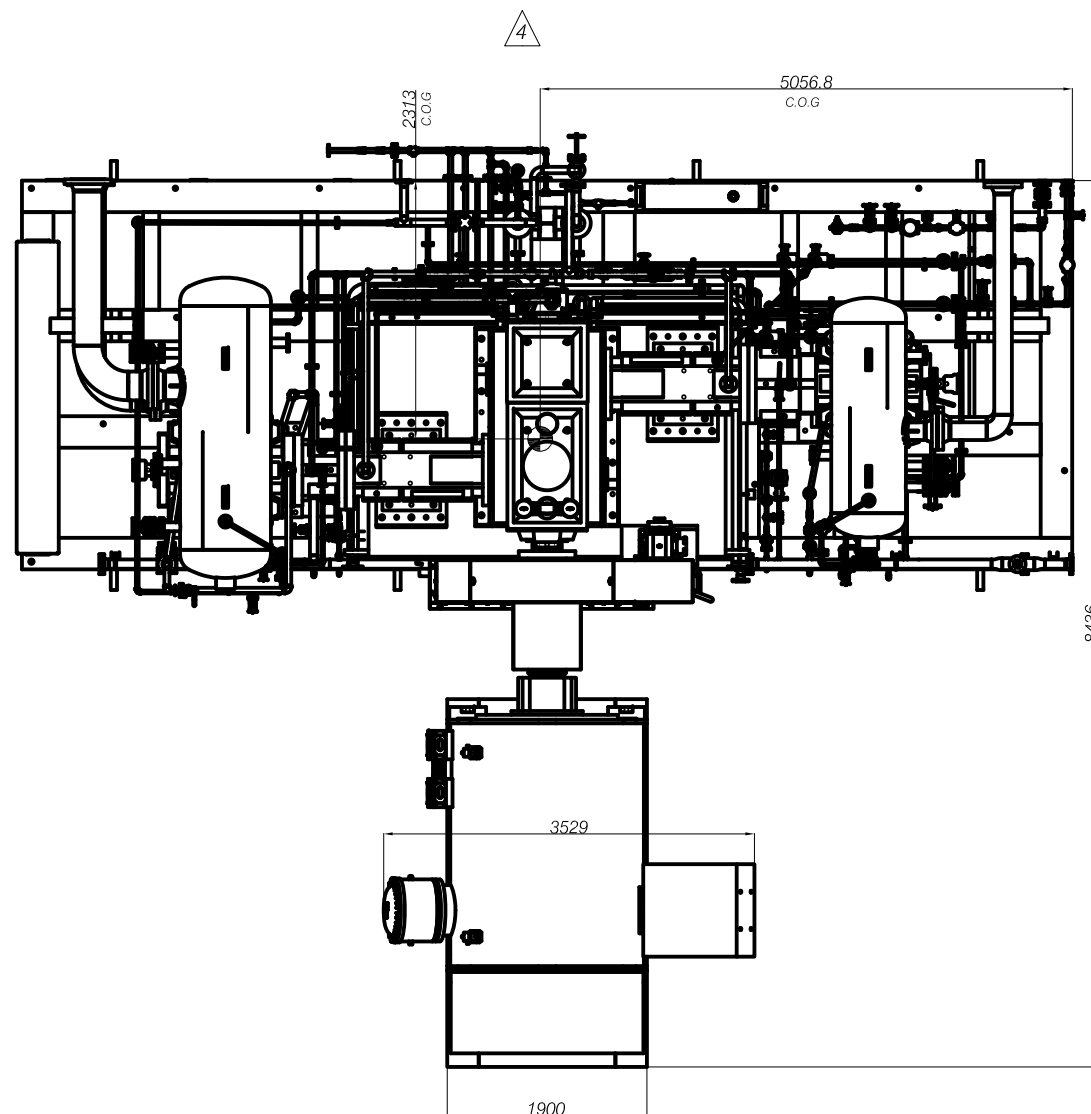
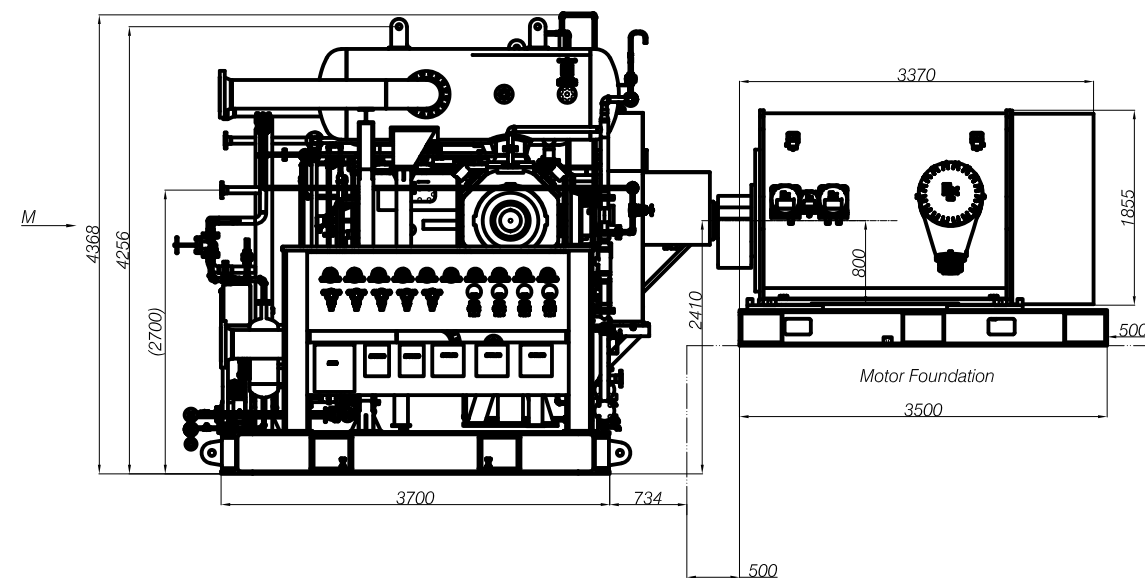
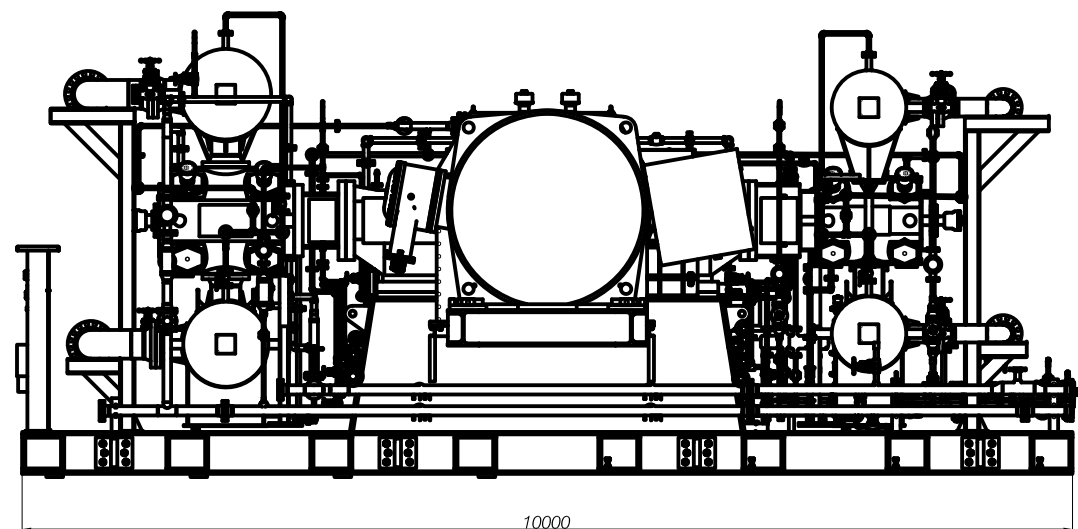


V04	Mar.2025	APC	HAVAYAR Co	M.Fakhtan	S.Faramarzpour	
V03	Oct. 2024	APC	HAVAYAR Co	M.Fakhtan	M.Sadeghian	
V02	FEB. 2024	APC	HAVAYAR Co	M.Fakhtan	M.Sadeghian	
V01	JAN.2024	IFR	HAVAYAR Co	M.Fakhtan	S.Faramarzpour	
V00	JUN. 2023	IFR	HAVAYAR Co	M.Fakhtan	S.Faramarzpour	
<b>REV.</b>	<b>DATE</b>	<b>P.O.I</b>	<b>PREP.</b>	<b>CHK.</b>	<b>APP.</b>	<b>AUT.</b>
<b>PROJECT NAME:</b> <b>BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES</b>						
<b>PROJECT NO.:</b> <b>----</b>						
<b>EPC CONTRACTOR:</b>			<b>EPC/EPD CONTRACTOR:</b>			
 <b>HIRGAN ENERGY</b> 			 <b>PETROIRAN</b> <b>DEVELOPMENT</b> <b>COMPANY</b> 			
<b>HIRGAN ENERGY - DESIGN &amp; INSPECTION COMPANIES</b>						
<b>DRAWING TITLE:</b> <b>Compressor Package</b> <b>General Arrangement</b>						
<b>SCALE</b>	<b>SIZE</b>	<b>DRAWING NO.</b>			<b>SHEET NO.</b>	<b>REV.</b>
N.T.S.C.	A3	BK-GCS-HY-120-ME-DW-0001			1 OF 6	V04

Note :

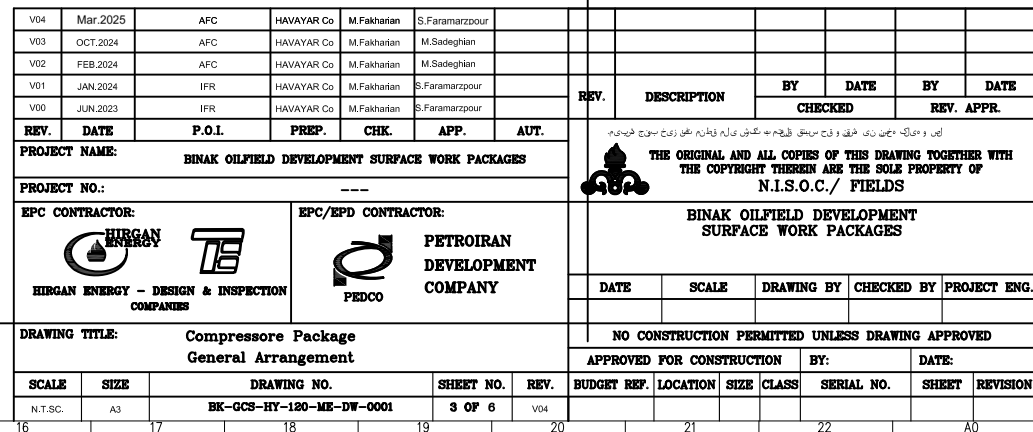
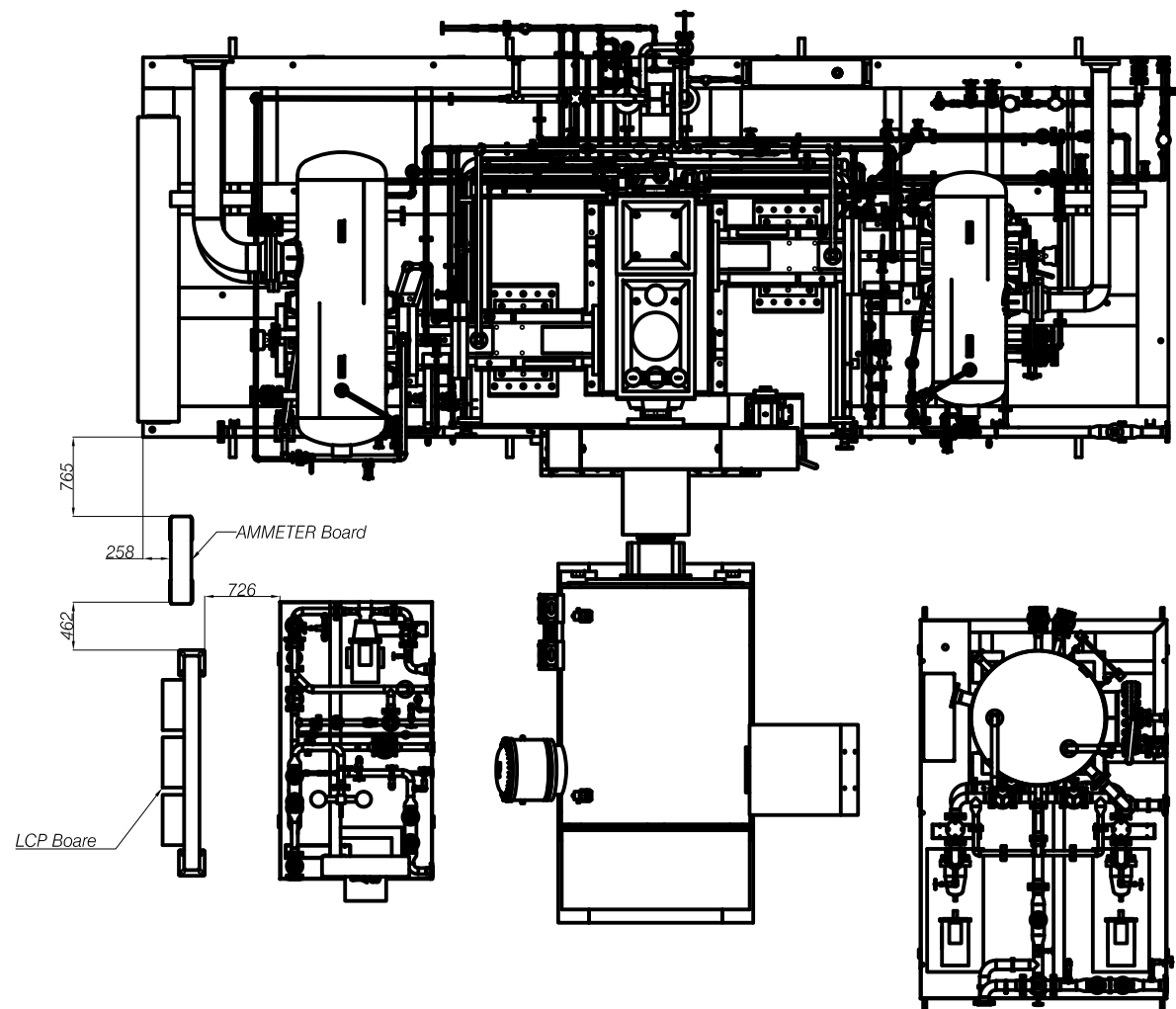
1. ALL DIMENSION & COORDINATES ARE IN MILLIMETER OTHERWISE NOTED.
2. The coordinate symbol is related to the nozzle displacement table.

Legend :

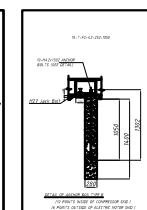



View M

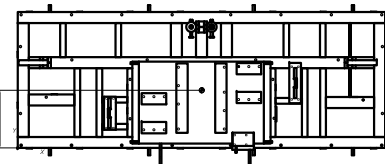
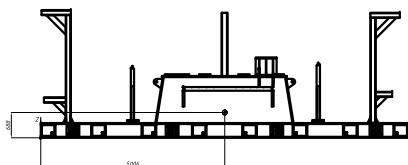
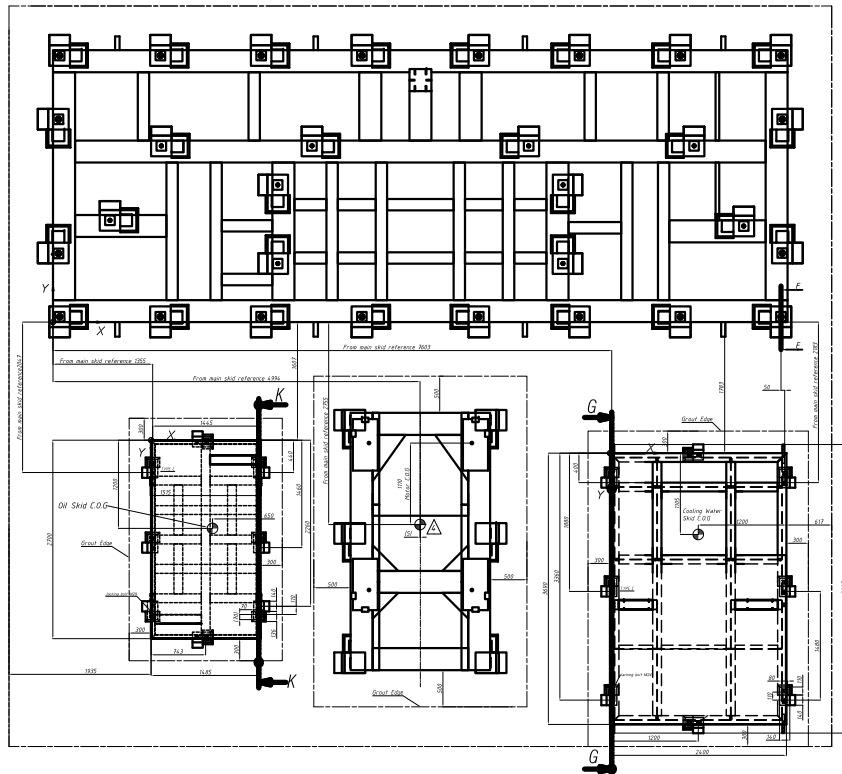
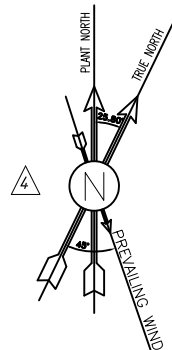
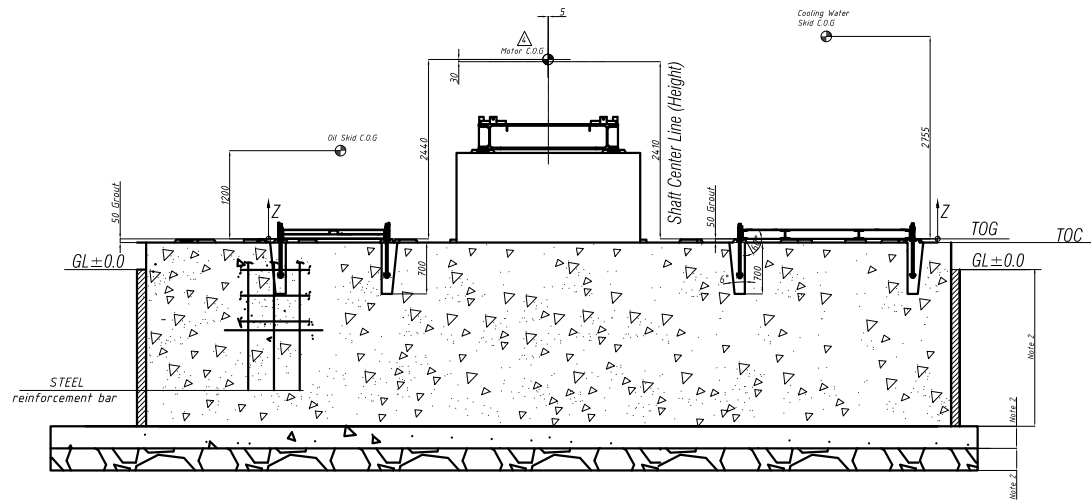
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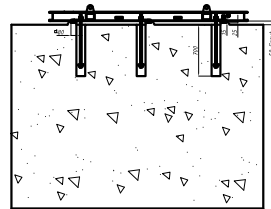




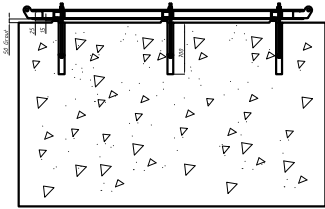
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<p><b>BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES</b></p>				
<b>DATE</b>	<b>SCALE</b>	<b>DRAWING BY</b>	<b>CHECKED BY</b>	<b>PROJECT ENG.</b>
<p><b>NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED</b></p>				
<b>APPROVED FOR CONSTRUCTION</b>			<b>BY:</b>	<b>DATE:</b>
<b>BUDGET REF.</b>	<b>LOCATION</b>	<b>SIZE CLASS</b>	<b>SERIAL NO.</b>	<b>SHEET</b>
<b>REVISION</b>				



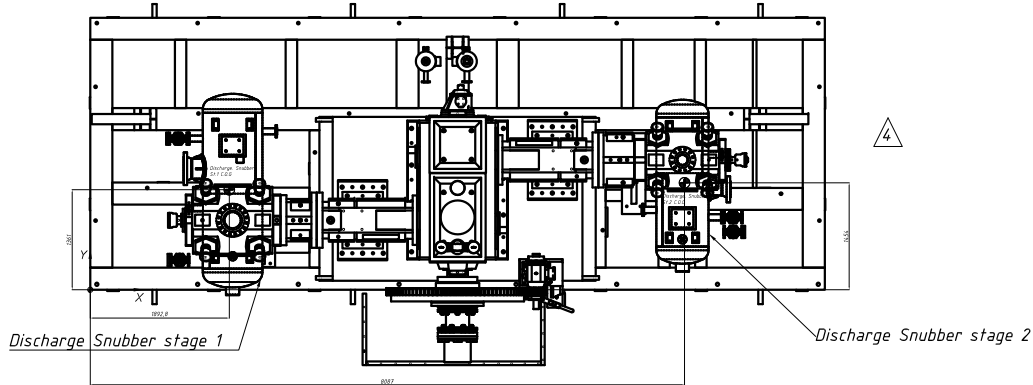
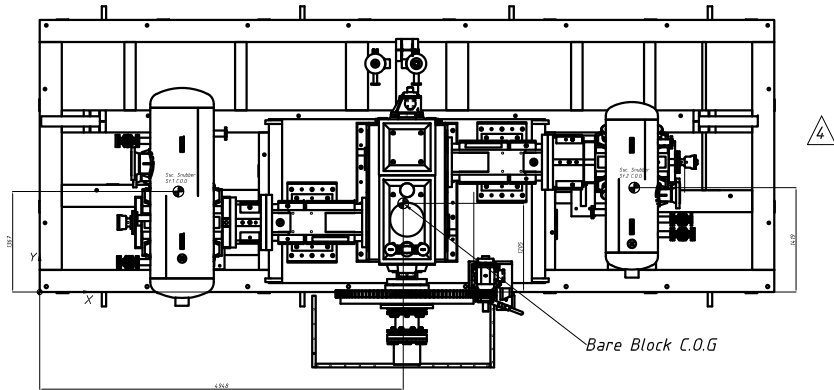
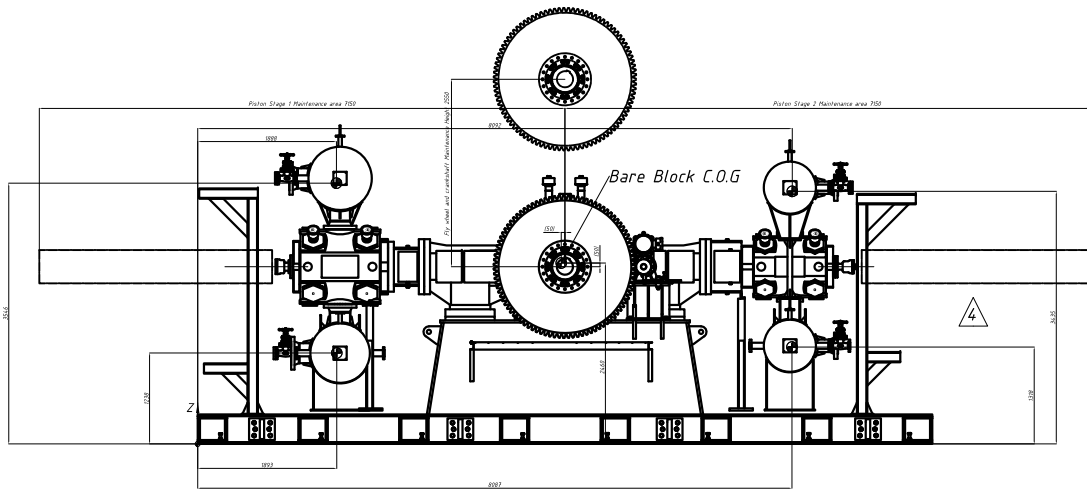
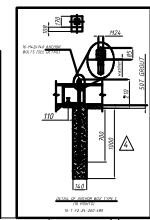
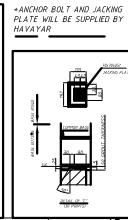
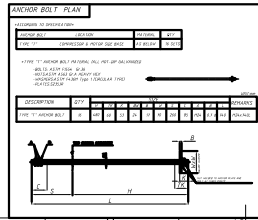
Skid C.O.G



K-K (1:1)



G-G (1:1)



C.O.G of Snubbers							
Snubber Suc. St1		Snubber Dis. St1		Snubber Suc. St2		Snubber Dis. St2	
Direction (From)		Direction (From)		Direction (From)		Direction (From)	
X	1888	X	1893	X	8092	X	8087
Y	1367	Y	1361	Y	1419	Y	1454
Z	3546	Z	1238	Z	3435	Z	1318

V04	Mar.2025	AFC	HAVAYAR Co	M,Fakharitan	S.Faramarzpour	
V03	OCT.2024	AFC	HAVAYAR Co	M,Fakharitan	M. Sadeghian	
V02	FEB.2024	AFC	HAVAYAR Co	M,Fakharitan	M. Sadeghian	
V01	JAN.2024	IFR	HAVAYAR Co	M,Fakharitan	S.Faramarzpour	
V00	JUN.2023	IFR	HAVAYAR Co	M,Fakharitan	S.Faramarzpour	
REV.	DATE	P.O.I.	PREP.	CHK.	APP.	AUT.

PROJECT NAME: BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES

PROJECT NO.: ---

EPC CONTRACTOR:			EPC/EPD CONTRACTOR:		
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			PETROIRAN DEVELOPMENT COMPANY		

DRAWING TITLE: Compressor Package General Arrangement

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.
N.T.S.C.	A3	BK-GCS-HY-120-ME-DW-0001	5 OF 6	V04

REFERENCE DRAWINGS

DWG. NUMBER

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BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES

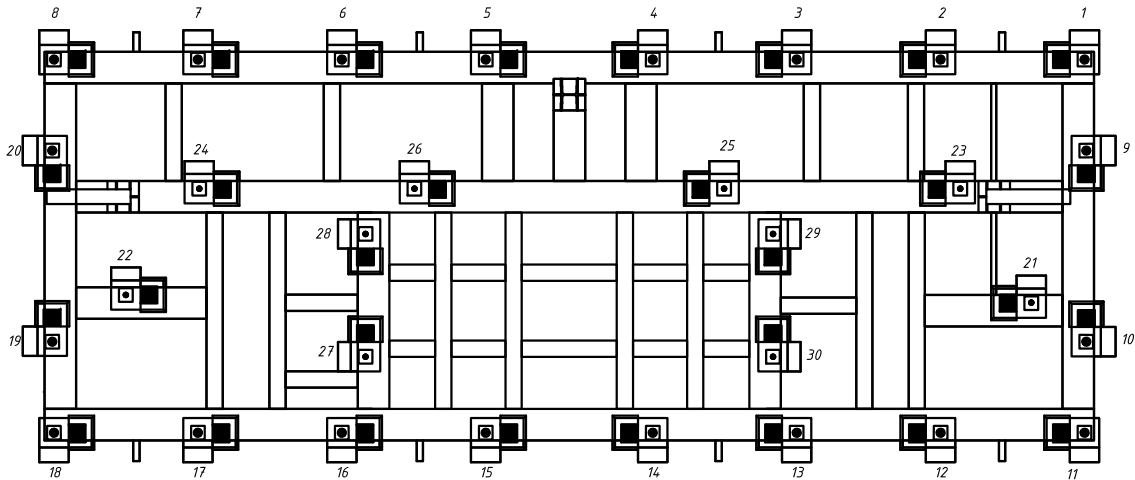
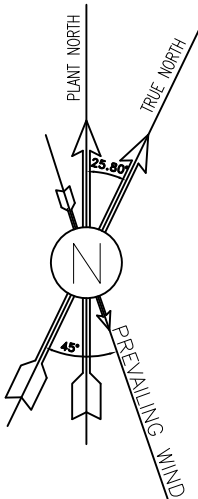
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.
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BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
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Axial & shear force at each anchor bolts (KN)		
Bolt	P_ax total	P_shr total
1	59.41459	23.773414
2	53.10228	19.228828
3	46.78951	15.057736
4	40.48645	11.32506
5	33.15543	7.5949026
6	26.9385	4.9539034
7	20.52574	2.872597
8	14.21343	1.3603071
9	73.97498	35.418403
10	103.3568	64.080724
11	116.9183	79.303691
12	110.606	71.62991
13	104.2933	64.091083
14	97.98974	56.765271
15	90.65918	48.589006
16	84.3418	41.912957
17	78.02949	35.646582
18	71.71672	29.834512
19	58.05169	20.215415
20	28.58902	5.2913244
21	28.47075	15.849089
22	16.14736	5.4026005
23	18.9651	7.0291213
24	20.10347	8.3685599
25	27.67842	15.044312
26	19.33193	7.3403858
27	55.56819	18.8651234
28	19.65249	2.140834
29	99.6624	61.452348
30	50.12995	17.453329



V04	Mar.2025	AFC	HAVAYAR Co	M.Fakharian	S.Faramarzpour	
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REV.	DATE	P.O.I.	PREP.	CHK.	APP.	AUT.
PROJECT NAME:						

REFERENCE DRAWINGS

DWG. NUMBER

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Note :

Legend :

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

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BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

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APPROVED FOR CONSTRUCTION				BY:		DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.		SHEET	REVISION