




General Arrangement Drawing

PROPANE WATER RECIRCULATING PUMPS
114-P-111,211 A/B



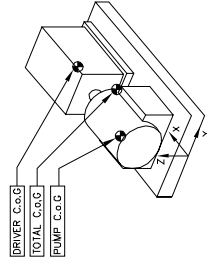
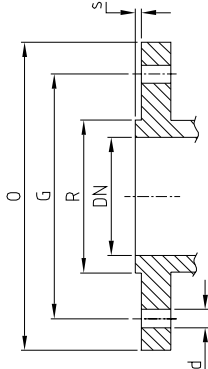
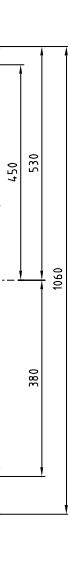
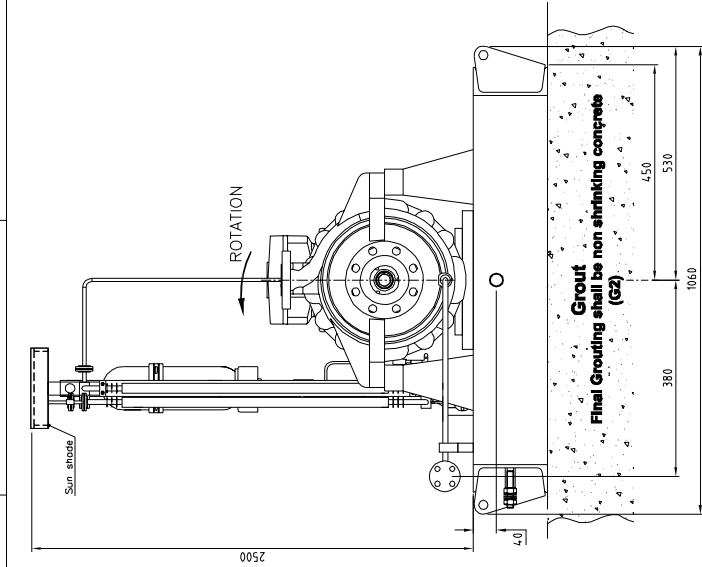
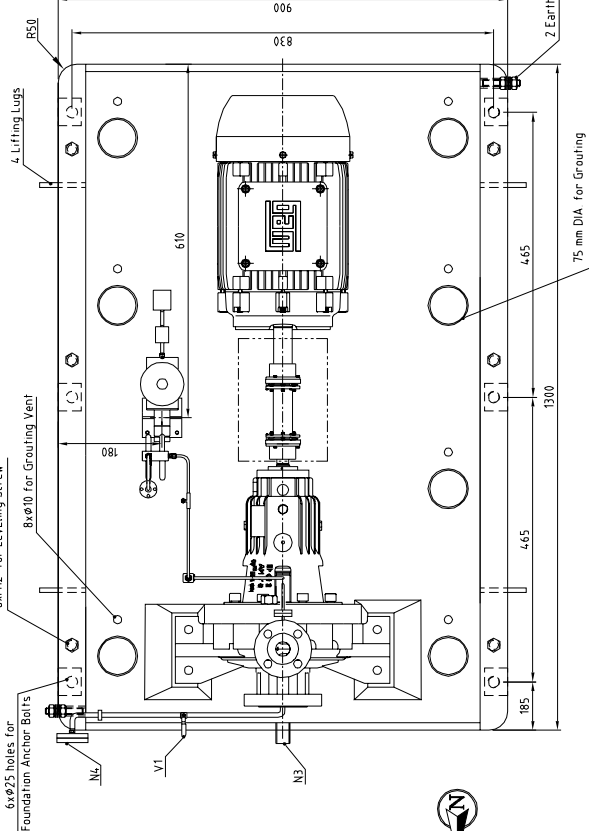
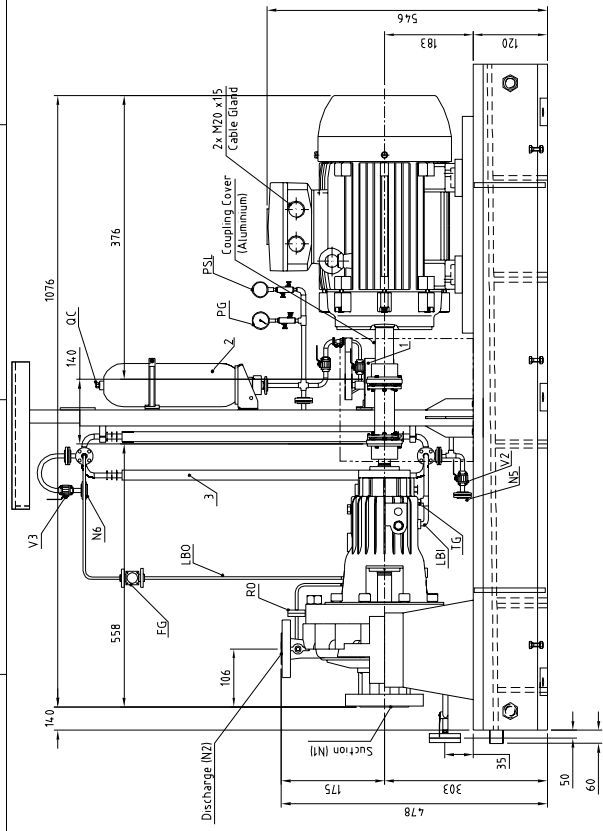
EQUIPMENT NAME: PROPANE WATER RECIRCULATING PUMPS 114-P-111,211 A/B

DOCUMENT TITLE: General Arrangement Drawing

Code1	<input checked="" type="checkbox"/> (Approved) Vendor to submit "For Final" (No comment & release for manufacturing)				
Code2	<input type="checkbox"/> (Approved with comments): Vendor shall correct / revise & resubmit it as "For Final" (Released for manufacturing if change incorporated as indicated)				
Code3	<input type="checkbox"/> (Commented): Vendor shall correct / revise & resubmit. It as "For Approval" of the date specified: (Corrected documents to be resubmitted before starting manufacturing)				
Code4	<input type="checkbox"/> Not Acceptable quality (Reject)				
The above checking result by OIEC shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing					
 OIEC – SP20 &21	Date: 27/07/2014 Dept: Machinery Signature: Salem				
Only for internal review					
CV	PI	EL	IN	ME	MA
ST	BU	PR	SA	HV	TL

07	Jul,05,14	Approved for construction	A.Na	S.RA	A.Ar
06	May,28,14	Approved for construction	A.Na	S.RA	A.Ar
05	Nov,30,13	Approved for construction	A.Na	A.Ar	A.Ar
04	Aug,24,13	ISSUED FOR APPROVAL	A.Na	S.Ta	A.Ar
03	Jun,10,13	ISSUED FOR APPROVAL	A.Na	S.Ta	A.Ar
02	Nov,21,12	ISSUED FOR APPROVAL	S.G	A.Ar	A.Ar
01	Sep,22,12	ISSUED FOR APPROVAL	S.Ta	A.Ar	A.Ai
00	Jun,9,12	ISSUED FOR APPROVAL	M.KH	A.Ar	A.Ai
REV.	DATE	DESCRIPTION	PRE'D	CHK'D	APP'D
SOUTH PARS GAS FIELD DEVELOPMENT (PHASES 20&21), ASSALUYEH, IRAN ONSHORE FACILITIES			CONTRACT NO.: POGC 572-88-35		
			REQ'N NO.: MR-SP2021-ON-MA-0910-0006		
ITEM NO.: 114-P-111,211 A/B					
DOCUMENT NO.: VP-SP2021-ON-MA-114-P111-0002					





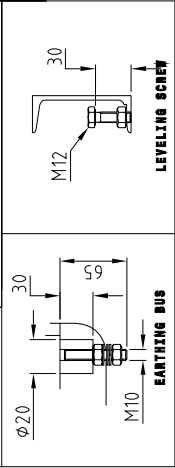
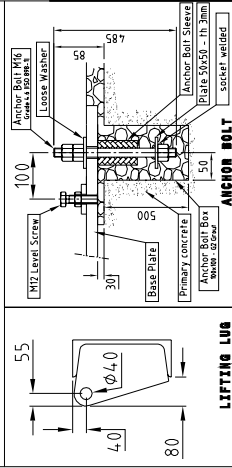
EXPONENTIAL	COIN TYPE	0	C	Real Nodes	colvert P	S
1	1/2" MS 300 ft	106	114.3	4	252	17
2	1/2" MS 300 ft	106	114.3	4	252	17
3	1/2" MS 300 ft	106	114.3	4	252	17
4	1/2" MS 300 ft	106	114.3	4	252	17
5	1/2" MS 300 ft	106	114.3	4	252	17
6	1/2" MS 300 ft	106	114.3	4	252	17
7	1/2" MS 300 ft	106	114.3	4	252	17
8	1/2" MS 300 ft	106	114.3	4	252	17
9	1/2" MS 300 ft	106	114.3	4	252	17
10	1/2" MS 300 ft	106	114.3	4	252	17
11	1/2" MS 300 ft	106	114.3	4	252	17
12	1/2" MS 300 ft	106	114.3	4	252	17
13	1/2" MS 300 ft	106	114.3	4	252	17
14	1/2" MS 300 ft	106	114.3	4	252	17
15	1/2" MS 300 ft	106	114.3	4	252	17
16	1/2" MS 300 ft	106	114.3	4	252	17
17	1/2" MS 300 ft	106	114.3	4	252	17
18	1/2" MS 300 ft	106	114.3	4	252	17
19	1/2" MS 300 ft	106	114.3	4	252	17
20	1/2" MS 300 ft	106	114.3	4	252	17
21	1/2" MS 300 ft	106	114.3	4	252	17
22	1/2" MS 300 ft	106	114.3	4	252	17
23	1/2" MS 300 ft	106	114.3	4	252	17
24	1/2" MS 300 ft	106	114.3	4	252	17
25	1/2" MS 300 ft	106	114.3	4	252	17
26	1/2" MS 300 ft	106	114.3	4	252	17
27	1/2" MS 300 ft	106	114.3	4	252	17
28	1/2" MS 300 ft	106	114.3	4	252	17
29	1/2" MS 300 ft	106	114.3	4	252	17
30	1/2" MS 300 ft	106	114.3	4	252	17
31	1/2" MS 300 ft	106	114.3	4	252	17
32	1/2" MS 300 ft	106	114.3	4	252	17
33	1/2" MS 300 ft	106	114.3	4	252	17
34	1/2" MS 300 ft	106	114.3	4	252	17
35	1/2" MS 300 ft	106	114.3	4	252	17
36	1/2" MS 300 ft	106	114.3	4	252	17
37	1/2" MS 300 ft	106	114.3	4	252	17
38	1/2" MS 300 ft	106	114.3	4	252	17
39	1/2" MS 300 ft	106	114.3	4	252	17
40	1/2" MS 300 ft	106	114.3	4	252	17
41	1/2" MS 300 ft	106	114.3	4	252	17
42	1/2" MS 300 ft	106	114.3	4	252	17
43	1/2" MS 300 ft	106	114.3	4	252	17
44	1/2" MS 300 ft	106	114.3	4	252	17
45	1/2" MS 300 ft	106	114.3	4	252	17
46	1/2" MS 300 ft	106	114.3	4	252	17
47	1/2" MS 300 ft	106	114.3	4	252	17
48	1/2" MS 300 ft	106	114.3	4	252	17
49	1/2" MS 300 ft	106	114.3	4	252	17
50	1/2" MS 300 ft	106	114.3	4	252	17
51	1/2" MS 300 ft	106	114.3	4	252	17
52	1/2" MS 300 ft	106	114.3	4	252	17
53	1/2" MS 300 ft	106	114.3	4	252	17
54	1/2" MS 300 ft	106	114.3	4	252	17
55	1/2" MS 300 ft	106	114.3	4	252	17
56	1/2" MS 300 ft	106	114.3	4	252	17
57	1/2" MS 300 ft	106	114.3	4	252	17
58	1/2" MS 300 ft	106	114.3	4	252	17
59	1/2" MS 300 ft	106	114.3	4	252	17
60	1/2" MS 300 ft	106	114.3	4	252	17
61						
























CENTER OF GRAVITY

	(mm)
PUMP	X
DRIVER	Y
BASE & COUPL. & SEALING SYS.	Z
TOTAL	640

ELECTRICAL MOTOR	
EL MOTOR :	WEG
FRAME :	100L
KW :	2.2KW
ENCL :	TEFC-IP55-ECm-IB-T3
	Speed : 2865 rpm
COUPLING	
	Unique
COUPLING :	
TYPE :	ROY - E5 x 140

REFERENCE DRAWINGS		DWG. No.
PUMP DATA SHEETS		VP-59502-0N-Ma-114-P111-0001
		VP-59502-0N-Ma-114-P111-0004
SECTIONAL DRAWING		VP-59502-0N-Ma-114-P111-0005
Mechanical and Drawing & BOM		VP-59502-0N-Ma-114-P111-0006
Coupling Drawing & BOM		VP-59502-0N-Ma-114-P111-0007
ELECTRICAL MOTOR DATA SHEET		VP-59502-0N-Ma-114-P111-0008
ELECTRICAL MOTOR OUTLINE DRAWING		VP-59502-0N-Ma-114-P111-0009
SEAL PLAN DWG. & P&ID		VP-59502-0N-Ma-114-P111-0020
Spool Plan		APP PLAN 11/53R





1 (mm)		0.6 (mm)		0.5 (degree)	
					
					
					
					
					
					
					
					

FOUNDATION LOADS (approx. weight)							
SUCTION :	1780	1420	1160	2560	920	460	1240
PUMP :							97 kg
BASE & COUPLING & SEALING SYSTEM :							460 kg
MOTOR :							18 kg
TOTAL :							565 kg

REF.	DATE	DESCRIPTION	ORIG.	PREP.	CHGD.	APPR.	CONTRACTOR APPRO.
06	July 25/14	Issued for final	I/LP	A/A	S.R.A.	A/A	O/E/C
07	Aug 06/14	Issued for final	I/LP	A/A	S.R.A.	A/A	O/E/C
05	Nov 22/13	Issued for Approval	I/LP	A/A	S.Tanna	A/A	O/E/C
04	Aug 14/13	Issued for Approval	I/LP	A/A	S.Tanna	A/A	O/E/C
03	Jun 01/12	Issued for Approval	I/LP	A/A	S.Tanna	A/A	O/E/C
02	Nov 21/12	Issued for Approval	I/LP	S.G	A/A	A/A	O/E/C
01	Oct 03/12	Issued for Approval	I/LP	A/A	A/A	A/A	O/E/C
00	Jun 09/12	Issued for Approval	I/LP	A/A	M.Ah	A/A	O/E/C

**SOUTH PARS GAS FIELD DEVELOPMENT
PHASES 20&21
ASSALUYEH ONSHORE FACILITIES**

 **NIOC**
NATIONAL IRANIAN OIL AND GAS COMPANY

Vendor:	 IIP GROUP IAN INDUSTRIAL PUMPS CO.	Purchaser:	 OIEC
Document Title:	GENERAL ARRANGEMENT DRAWING Propane water recirculating pumps 114-P-11121 A/B		
DRAWING No.	VP-SP2021-0N-MA-114-P111-0002	Pumps Type: OHC 25--200	SHEET No. 3 OF 3 REV. 07