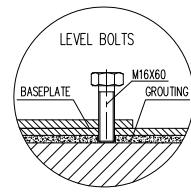
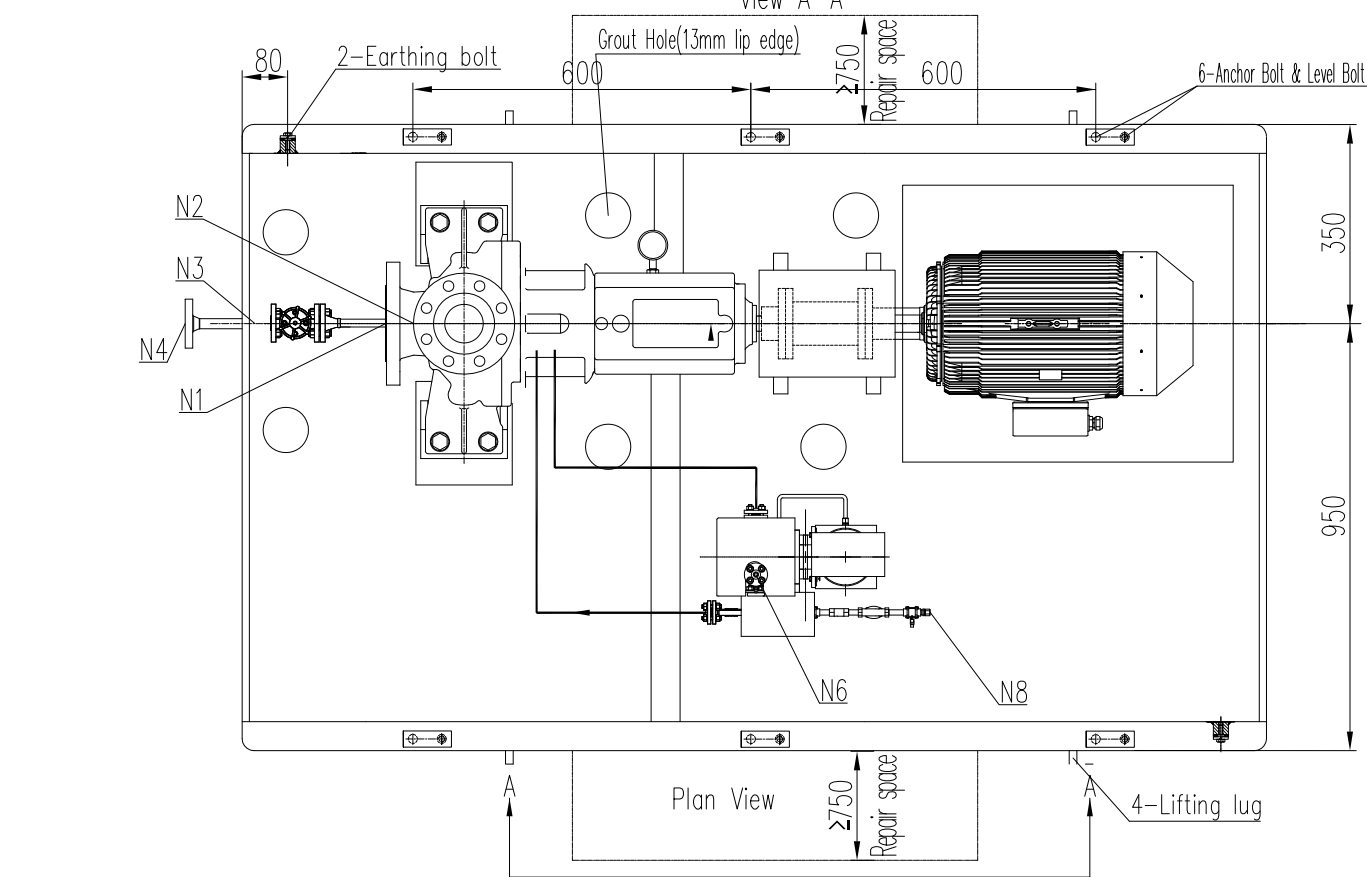
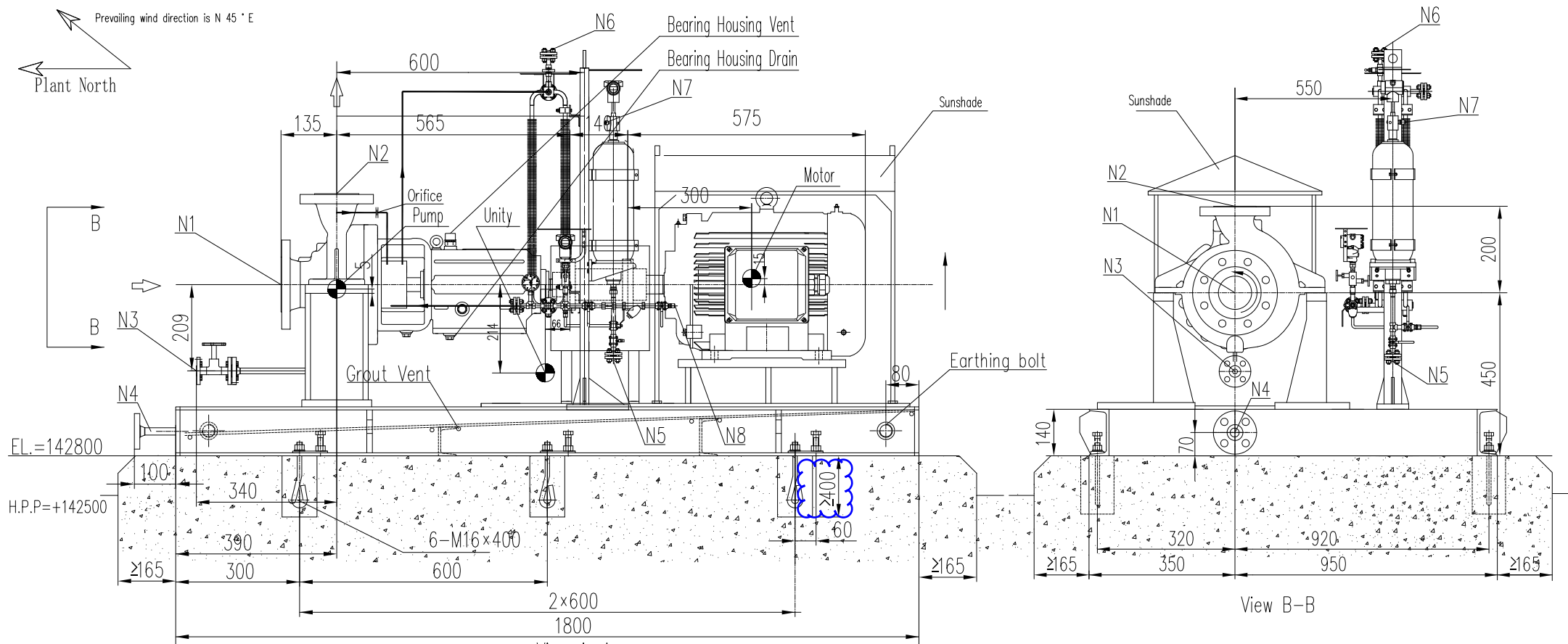


Prevailing wind direction is N 45 ° E
Plant North




Maximum Allowable Amplitude For Foundation	
Velocity (Peak)	4 mm/s
Displacement	25.4 µm

Nozzle information						
8	Plan 53B filling	N8	1/2" Quick Connector			
7	Plan 53B N2 charging	N7	M14*1.5			
6	Plan 53B vent	N6	1/2" ASME B16.5-09	Class600	RF	
5	Plan 53B drain	N5	1/2" ASME B16.5-09	Class600	RF	
4	Baseplate drain	N4	1" ASME B16.5-09	Class150	RF	
3	Pump drain	N3	3/4" ASME B16.5-09	Class300	RF	
2	Pump Discharge	N2	1-1/2" ASME B16.5-09	Class300	RF	
1	Pump Suction	N1	2" ASME B16.5-09	Class300	RF	
NO.	Nozzle	Sign	NPS	Standard	Rating	Face

REFERENCE DRAWING	DWG. NO.
MOTOR OUTLINE DRAWING	NGL-V-2014-ME-DW-6018
COUPLING DRAWING	NGL-V-2014-ME-DW-6016
PUMP DATA SHEET	NGL-V-2014-ME-DT-6003
PUMP CROSSSECTION DRAWING	NGL-V-2014-ME-DW-6005
PUMP P&ID	NGL-V-2014-ME-PD-6006
Seal System Drawing and BOM	NGL-V-2014-ME-DW-6013

PUMP INFORMATION	
Item No.:	P-3185-01 A/S
Service:	Sour Water Stripper Degassing Drum Pump
Model:	EAP 40-200-35-1A
Seal Plan:	11+53B
Flow/Head	17.4m3/h & 50m
Motor:	7.5KW - 2P
Rotation:	Clockwise viewed from the drive-end
No of Stages:	1
Pump Speed:	2900 rpm

Code1	<input type="checkbox"/> (Approved): No comment and release for Manufacturing (Document to be stamped as Final for considering in Vendor Data Book)
Code2	<input type="checkbox"/> (Approved with Comments): VENDOR/Sub-Contractor shall correct/revise document and issue it as "FOR APPROVAL" (Work May Be Proceeded)
Code3	<input type="checkbox"/> (Commented): VENDOR/Sub-Contractor shall correct /revise and resubmit it as "FOR APPROVAL" of the date documents specified (Corrected to be resubmitted before starting to manufacture.
No Code	<input type="checkbox"/> CONSULTANT and PURCHASER check results on Class 2 documents will be returned without any CODE. VENDOR/Sub-Contractor shall correct/revise document and issue it as "FOR INFORMATION"
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	
<div><div>DATE : DEPT: Signature :</div></div>	


Note:
1. The weight of maximum maintenance part is 22.5 kg(assembled pump casing)
2.Leveling pads(SS) will be supplied by vendor (qty.=anchor bolt qty)
3.Grout material shall be non-shrinkage cement mottar or epoxy mortar.

LIFTING INFORMATION		
	Pump	AX 0 AY 0 AZ 5
	Motor	BX 300 BY 0 BZ 15
	Unity	CX -66 CY 0 CZ 214

Static loading calculation results			Dynamic loading calculation results		
FXstatic=	3200/3200	N	FXdynamic=	0/0	N
FYstatic=	2580/2580	N	FYdynamic=	0/0	N
FZstatic=	-1622/7502	N	FZdynamic=	0/0	N
MXstatic=	3233/3233	N*m	MXdynamic=	14325/-14325	N*m
MYstatic=	4535/4065	N*m	MYdynamic=	0/0	N*m
MZstatic=	2908/2908	N*m	MZdynamic=	0/0	N*m

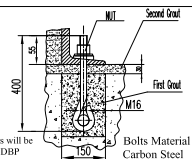
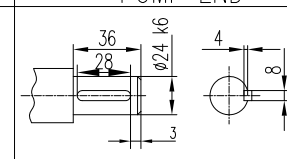
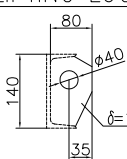
Note:
Location of Loads & Moments Calculation is the geometric center of baseplate lower surface.

REV.	DATE	DESCRIPTION	PREP	CHECK	APPROVAL	OIEC APP.
D2	20.07.15	ISSUED FOR APPROVAL	R.X	T.H	R.C	A.A.
D1	20.06.02	ISSUED FOR APPROVAL	R.X	T.H	R.C	A.A.
D0	20.04.30	ISSUED FOR APPROVAL	R.X	T.H	R.C	A.A.

Project Title: NGL 3100 PROJECT									
Contractor:  ...building trust شرکت مهندسی و ساختمان صنایع نفت									
STATUS CODE: A=Comment/Review B=Approval C=Final Issue									
Pump General Arrangement Drawing For Sour Water Stripper Degassing Drum Pump P-3185-01 A/S									
OWNER DRAWING NUMBER									
Project Name	Originator	PO Serial No.	Disc.	Doc. Type	Seq No.	Rev.	Sheet No.	Status	Class
NGL	V	2014	ME	DW	6002	D2	1 OF 1	B	1 A3
OIEC DRAWING NUMBER									
Project Code	Source	Unit & Section	Phase	Disc.	Doc. Type	Serial No.	Rev.		

Nozzle load,Force(N)/Moment(N.m)				
	DN1	Fx	Fy	Fz
		1780	1420	1160
		Mx	My	Mz
	DN2	920	460	700
		Fx	Fy	Fz
		1420	1160	1780
	DN2	Mx	My	Mz
		920	460	700

NGL-CT-1-0000-ME-PO-0014-D0

WEIGHT(Kg)	Anchor Bolt Detail	Earthing bolt detail	PUMP END	LIFTING LUG
Total	607			
Skid weight	280			
Aux. weight	155			
Motor weight	78			
Pump weight	85			