THE CIVIL ENGINEERING DETAILS SHOWN IN THIS DRAWING ARE TENTATIVE & THOSE SHOULD BE DESIGNED & FURNISHED AT CUSTOMERS SITE

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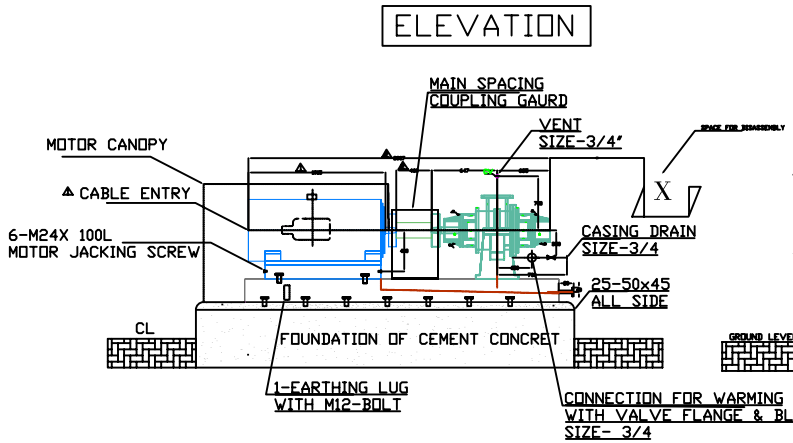
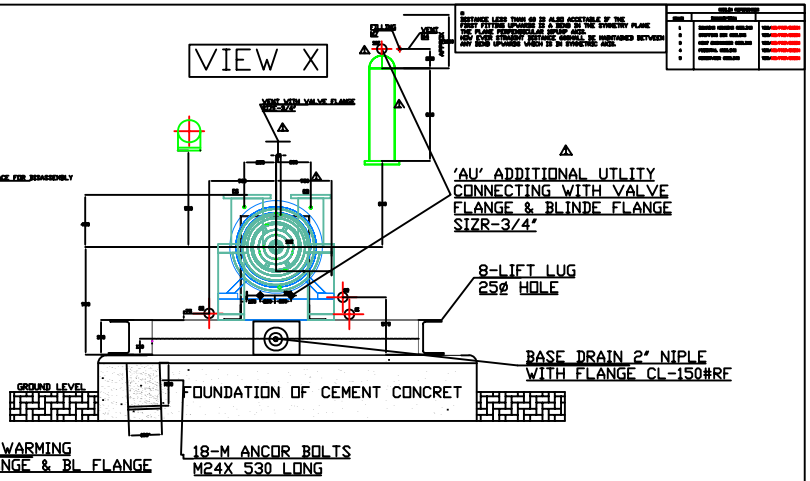
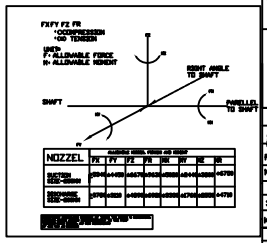




SYMBOL	CONNECTION	SIZE (INCH)	TYPE	RATING
PS	PUMP SUCTION	10	FLANGED	ANSI B 16.5 CL. 300 RF#
PD	PUMP DIS CHARGE	8	FLANGED	ANSI B 16.5 CL. 300 RF#
CD	CASING DRAIN	3/4	FLANGED	ANSI B 16.5 CL. 300 RF#
CI	COOLING INLET	11/2	FLANGED	ANSI B 16.5 CL. 150 RF#
CO	COOLING OUT LET	11/2	FLANGED	ANSI B 16.5 CL. 150 RF#
BD	BASE DRAIN	2	FLANGED	ANSI B 16.5 CL. 150 RF#
CV	CASING VENT	3/4	FLANGED	ANSI B 16.5 CL. 300 RF#
M1	OIL MIST INLET	1/4	NTP PLUG	
M2	OIL MIST OUT LET	1/2	NTP PLUG	
V	VARNING	3/4	FLANGED	ANSI B 16.5 CL. 300 RF#
N2	RESERVOIR DRAIN	3/4	FLANGED	ANSI B 16.5 CL. 300 RF#
N4	RESERVOIR VENT	3/4	FLANGED	ANSI B 16.5 CL. 300 RF#
N7	FILLING CONNECTION		FLANGED	

NOTES-
1)FLANGES AS PRE ANSI B 16.5 CL 150 RF#
2)FLANGES AS PRE ANSI B 16.5 CL 300 RF#
3)ALL FLANGES HAVE SMOOYH FINISH 125 AARH
4)CROUT BASE PLATE UP TO LEVEL 'A' AFTER ROUGH ALINGMENT
5)FOUNDATION SHOULD BE DRSINGED FOR STATIC LOAD - 7515 KG
6)ALL DIMENSIONS ARE IN MM UNLESS OTHER WISE SPEC FICED
7)DO NOT SCALE THE DRAWING
8)BASE PLATE IS SUITABLE FOR CEMENTOUS CROUT
9)OVER ALL DIMENSION OF BASE FRAME ARE GREATER THAN LARGEST API BASE FRAME AND HENCE BASE FRAME DIMENSIONS ARE AS PER PUMPS VENDORS STANDARD .
10) DYNAMIC LOAD PER POCKET -41Kg



DRG.CATEGORY	A	R	I
SCH. DATE OF SUBMISSION			

DOCUMENT STATUS

STATMENT OF SUB 1st 2nd 3rd

☐ FINAL FOR CODE ☐ AS BUILT

☐ INFORMATION ☐ APPROVAL
☐ ENQUIRY ☐ ORDER
☐ CONSTRUCTION ☐ REVIEW

CAPACITY	HEAD	SPEED	POWER	REMARKS
365.0 m³/hr	162.0m	2960rpm	229.92Kw	

PUMP TYPE	250X200 KSM 40	PUMP BARE SHAFT	1510.0 kg
MOTOR FRAME	eSCX 400F (KEC MAKE)	MOTAR BARE SHAFT	2640.0 kg
		BASE & COUPLING GAURD	1373.6 kg
	255	PLAN 52	500.0 kg
SPEED	2960	COUPLING	26.4 kg
		TOTAL	6010.0 kg
KEPL W/O NO	KEPL/IND/1023	ITEM NO. 02.00 QTY. 02	
F.O.A NO	6319/1006/055 DTD		
PARTY'S IT NO.	207-P4 A/B		
SERVICE	BOHEPTNOZER BOTTOMS PUMPS		

GD² VALUE		
PUMP+CPLG	3.432 Kgm²	COUPLING RATING 17.30 Kg/100 rpm
		SPACE TYPE COUPLING
PUMP HALF BORING = 1/6 TAPER ø65.06 MM	MAKE	TYPE & SIZE
MOTOR HALF BORING = ø 75MM	EUROFLEX	0-GBL-120-S

	(PLAN 'L'-ST.BOX-BRG.HSG& COOLRE-RESERVOIR	3.5 kg/cm² (g)	8.08 m³/hr
COOLING WATER	52	-	20LITRS
SYNTHETIC FILLED	API PLAN	PRESSURE	QUANTITY

SLNO.	DESCRIPTION	DRAWING NO.
4	PIPING FOR COOLING PLAN 'L'	K3C0202300201-R
3	PIPING FOR FLUSHING PLAN 52	K3C0202300201-R
2	PIPING FOR FLUSHING PLAN 23	K3C0202300201-R
1	PIPING FOR DRAIN & VENT	K3C0202300201-R

PIPING DRAWING REFFERENCES

CUSTOMER:- KIRLOSKAR EBARA PUMPS LIMITED
PROJECT:- INTEGRATED PX-PTA PROJECT , PANIPAT
CONSULTANT:- ENGINEERS INDIA LTD - NEW DELHI
DRG.NO. :- KP0010230020100
TITLE:- GENERAL ARRANGMENT DRAWING

	NAME	DATE
DRAWN	RBP	07.03.08
CHECKED	MBK	
APPROVED	ABK	
SCALE		
QTY.		

R.S. ENGINEERING SERVICES

DRAWING NO. REV. 2