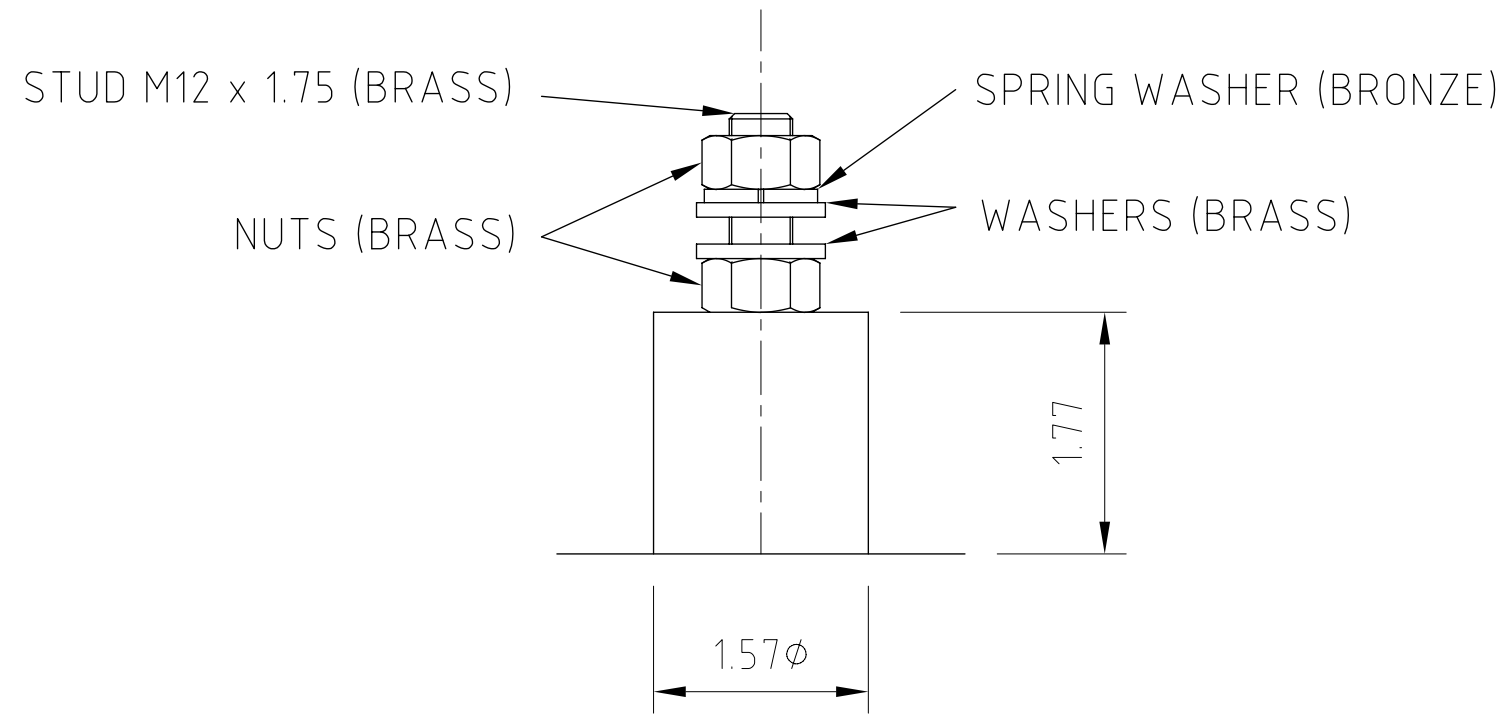




EARTHING BOSS DETAIL
SCALE 1:2

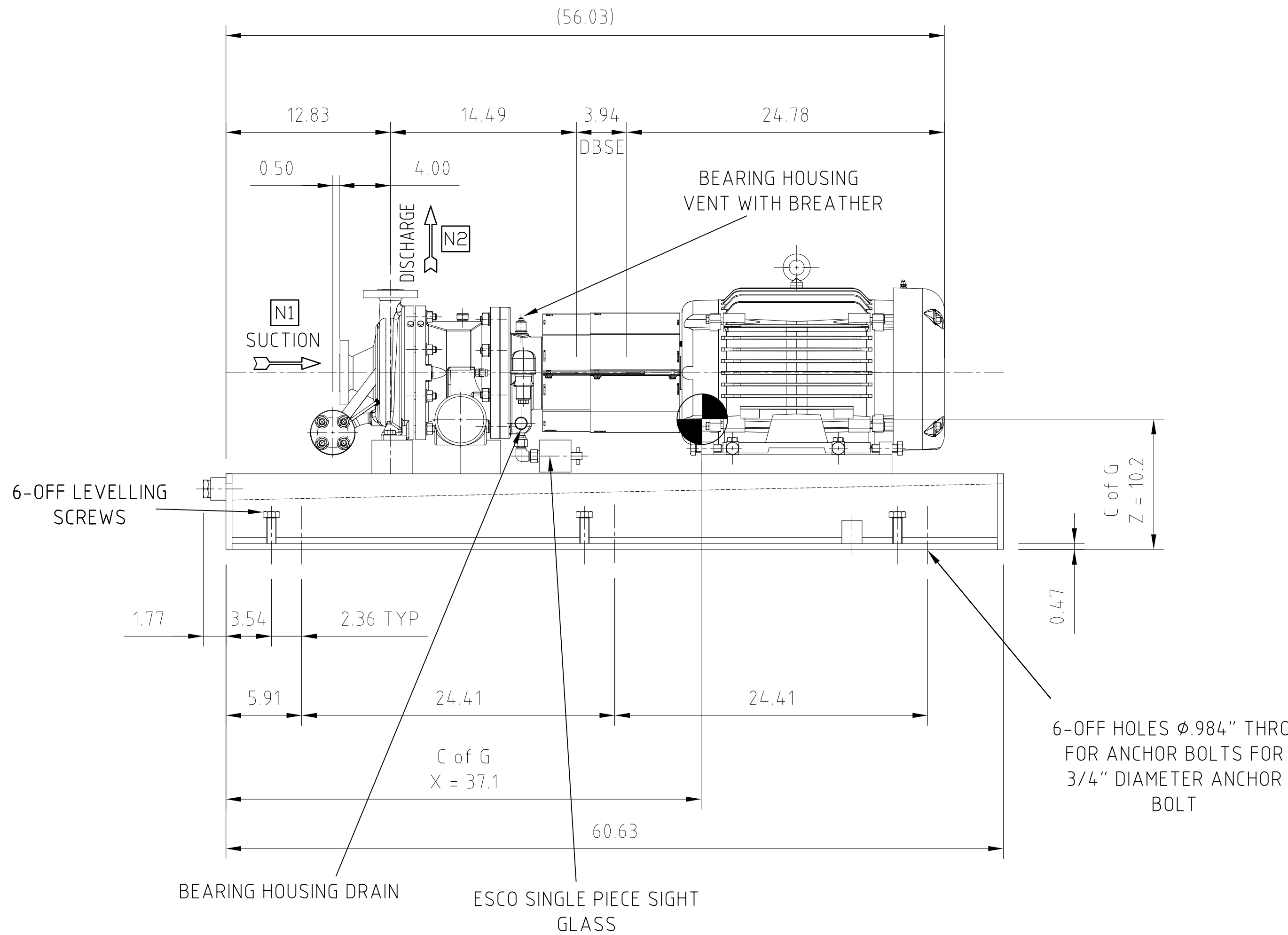
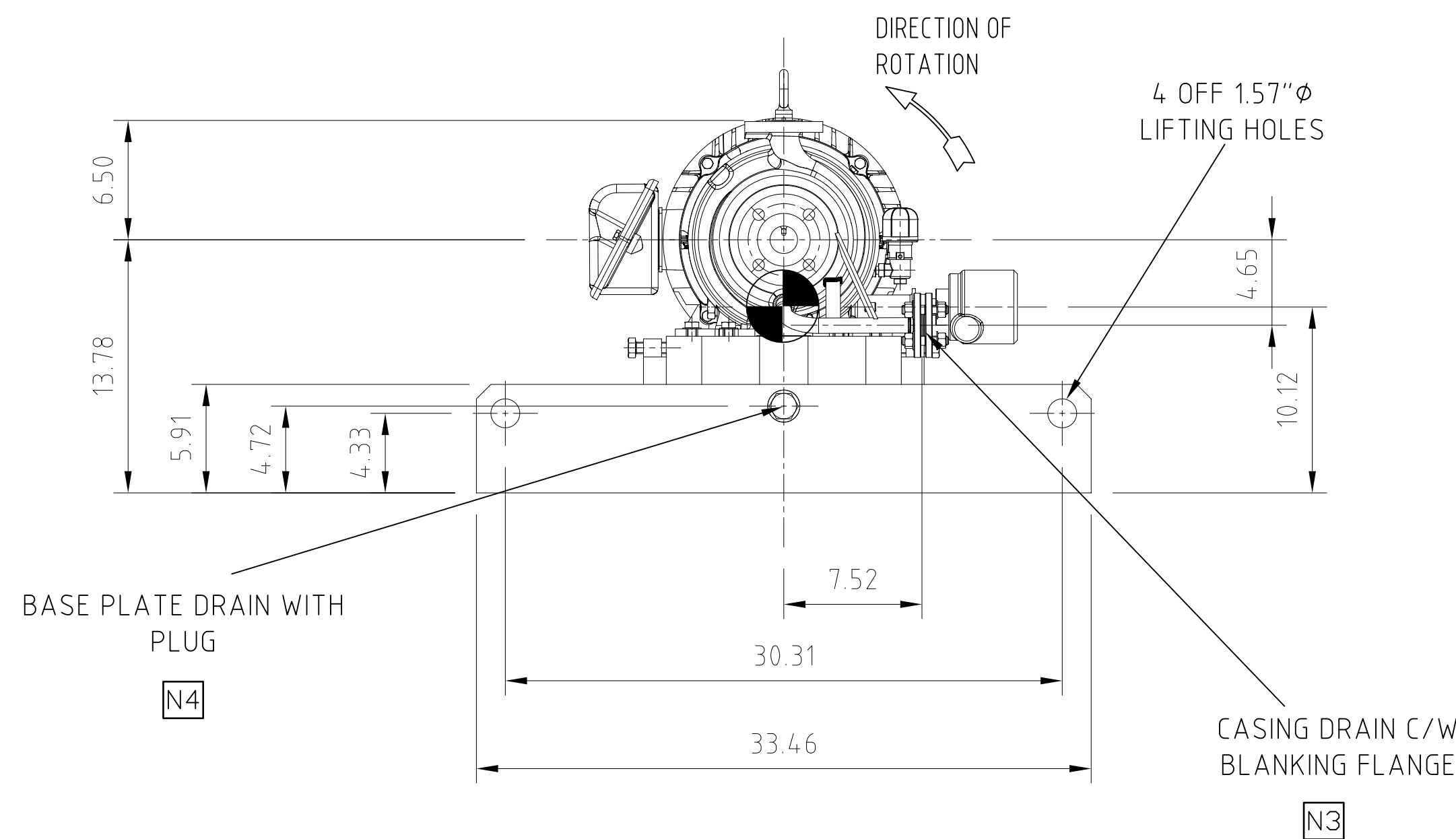
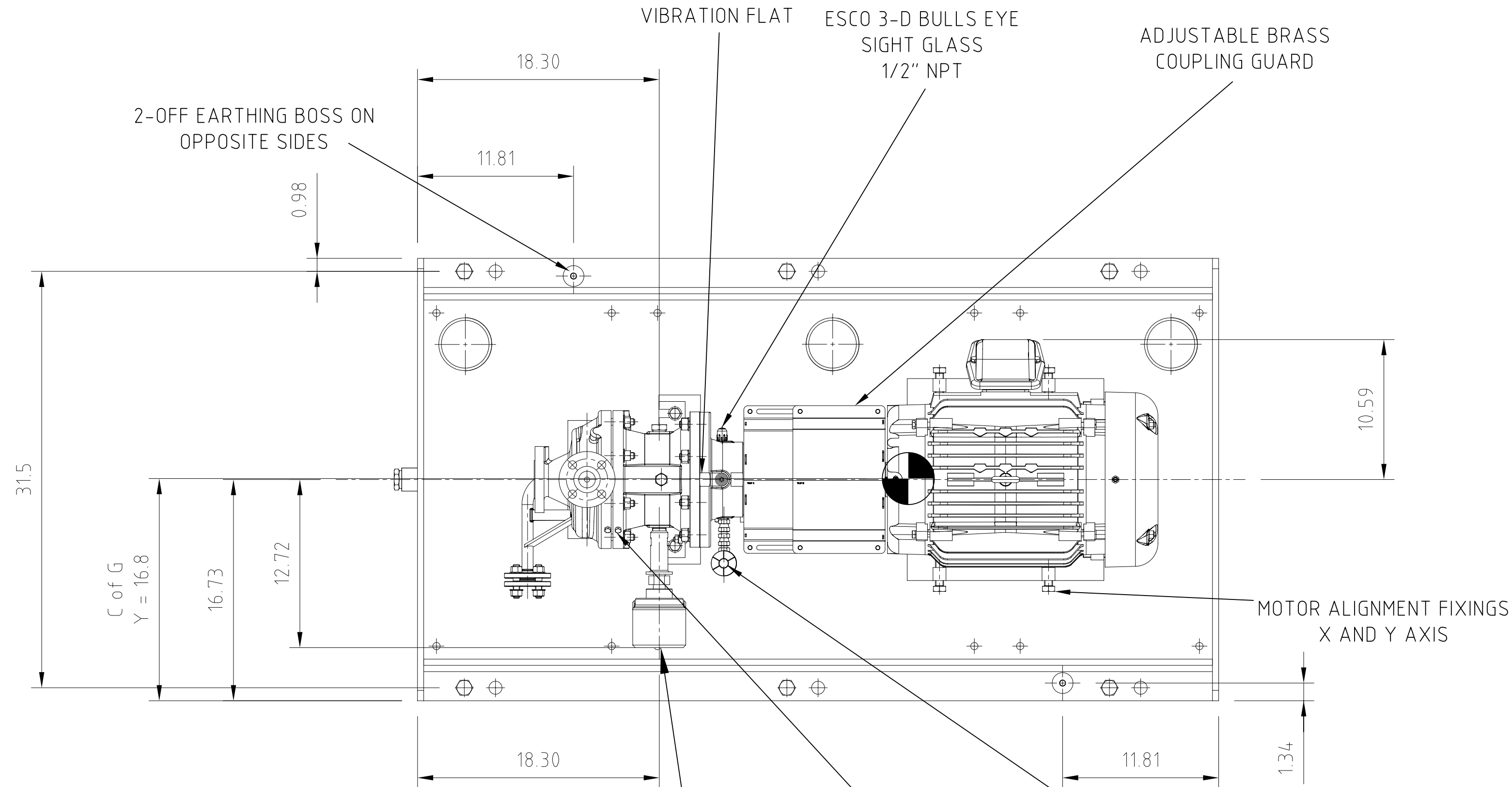
REFERENCE DRAWINGS:

1. Equipment Data Sheet with Predicted Performance Curve – EN207123-SNDYN-9V3-00027
2. Cross Sectional Drawing & Parts List – EN207123-SNDYN-9V3-00004
3. Coupling Assembly Drawing & Parts List – EN207123-SNDYN-9V3-00029
4. Motor GAD – EN207123-SNDYN-9V3-00028
5. Motor Data Sheet – EN207123-SNDYN-9V3-00062

ELECTRICAL HEAT TRACING/INSULATION:

Pump Casing and Coupling Housing should be trace heated.
Adequate insulation should be applied afterwards to maximize the heating effect.
Do not trace heat or insulate the oil filled bearing assembly or the electric motor.

Size 80 Mesh recommended for suction strainer



ALL DIMENSIONS IN INCHES U.O.S



HMD Sealless Pumps

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HYDRAULIC	CONNECTIONS			
	ITEM	SIZE	DESCRIPTION	SERVICE
K1 1.5 X 1 X 6	N1	1.5"	ASME B16.5 150lb RF	SUCTION
	N2	1"	ASME B16.5 150lb RF	DISCHARGE
	N3	1/2"	ASME B16.5 150lb RF	CASING DRAIN
	N4	1"	NPT FEMALE	BASEPLATE DRAIN

ALLOWABLE PIPING LOADS APPLIED TO NOZZLES

	1"	1.5"
SUCTION		
DISCHARGE		
BOTH		

NOTE:
PUMP PRESSURE CASINGS
ARE DESIGNED FOR THE
VALUES SHOWN IN TABLE

ELECTRIC MOTOR DETAILS

MANUFACTURER	BALDOR
RATING/FRAME	15 HP / 254T
ENCLOSURE	CL1 Div.2 Gr. A,B,C,D T3C
SUPPLY/SPEED	460 V / 3- / 60 Hz / 3520
MTT (IF APPLICABLE)	N/A
MTL (IF APPLICABLE)	10.59
MTR (IF APPLICABLE)	N/A
MOTOR LENGTH (ML)	24.8

FLEXIBLE COUPLING DETAILS

MANUFACTURER	METASTREAM
SIZE TYPE	TSKS 13 - 100mm

WEIGHTS	(lbs)	PROJECTION
PUMP	165	
MOTOR	677	
BASEPLATE	494	
ANCILLARIES	44	
TOTAL	1380	

NOTES:

PROJECT NAME: WORLD ENERGY RENEWABLES PROJECT
UNIT: UTILITIES AND OFFSITES FIREWATER
PROJECT LOCATION: WORLD ENERGY, PARAMOUNT, CA, USA
ENG. & PM.: FLUOR
CLIENT: WORLD ENERGY PARAMOUNT
SERVICE: CAUSTIC DILLUTION PUMPS
WBS NO.: 1860

CLIENT	AIR PRODUCTS MANUFACTURING LLC
ORDER NUMBER	4505608736
ITEM NUMBER	18-P-1855A/B
HMD PUMP NUMBER	839913

2	21/10/2022	ISSUE FOR REVIEW	AFS
1	31/08/2022	ISSUE FOR REVIEW	AFS
0	11/03/2022	ISSUE FOR REVIEW	AFS
ISS	DATE	CHANGE	AUTH

CONTRACTS ISSUE NUMBER

INTERNAL USE ONLY

03	17/10/22	CN2022-235	JS	ARM
02	26/08/22	CN2022-200	KCM	JF
01	09/03/22	INITIAL ISSUE	KCM	CE
ISS	DATE	CHANGE NUMBER	DRN	CHK

ENGINEERING ISSUE NUMBER

GENERAL ARRANGEMENT DRAWING

TITLE: GSA 1.5X1X6-L0
SUBTITLE: TYPE 5 BASEPLATE, SECONDARY CONTROL

DRAWING NUMBER X13696

ISSUE: 03	REVISION:	SHEET No. 1 OF 1
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SCALE 1:10

2