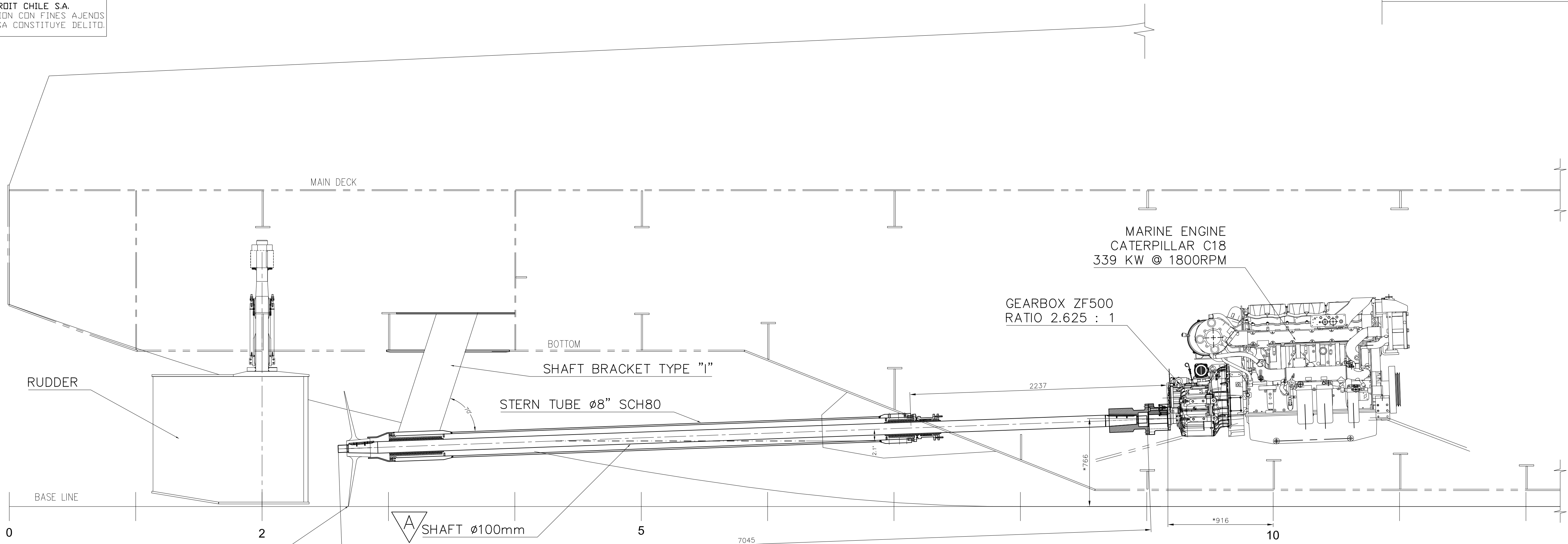


ESTE PLANO ES PROPIEDAD DE
DETROIT CHILE S.A.
SU UTILIZACION CON FINES AJENOS
A LA EMPRESA CONSTITUYE DELITO.

REFERENCIAS



ELEVATION AT 5000 FROM L.C. ON SHAFT CENTER LINE STB (PS MIRROR)

SCALE 1:20

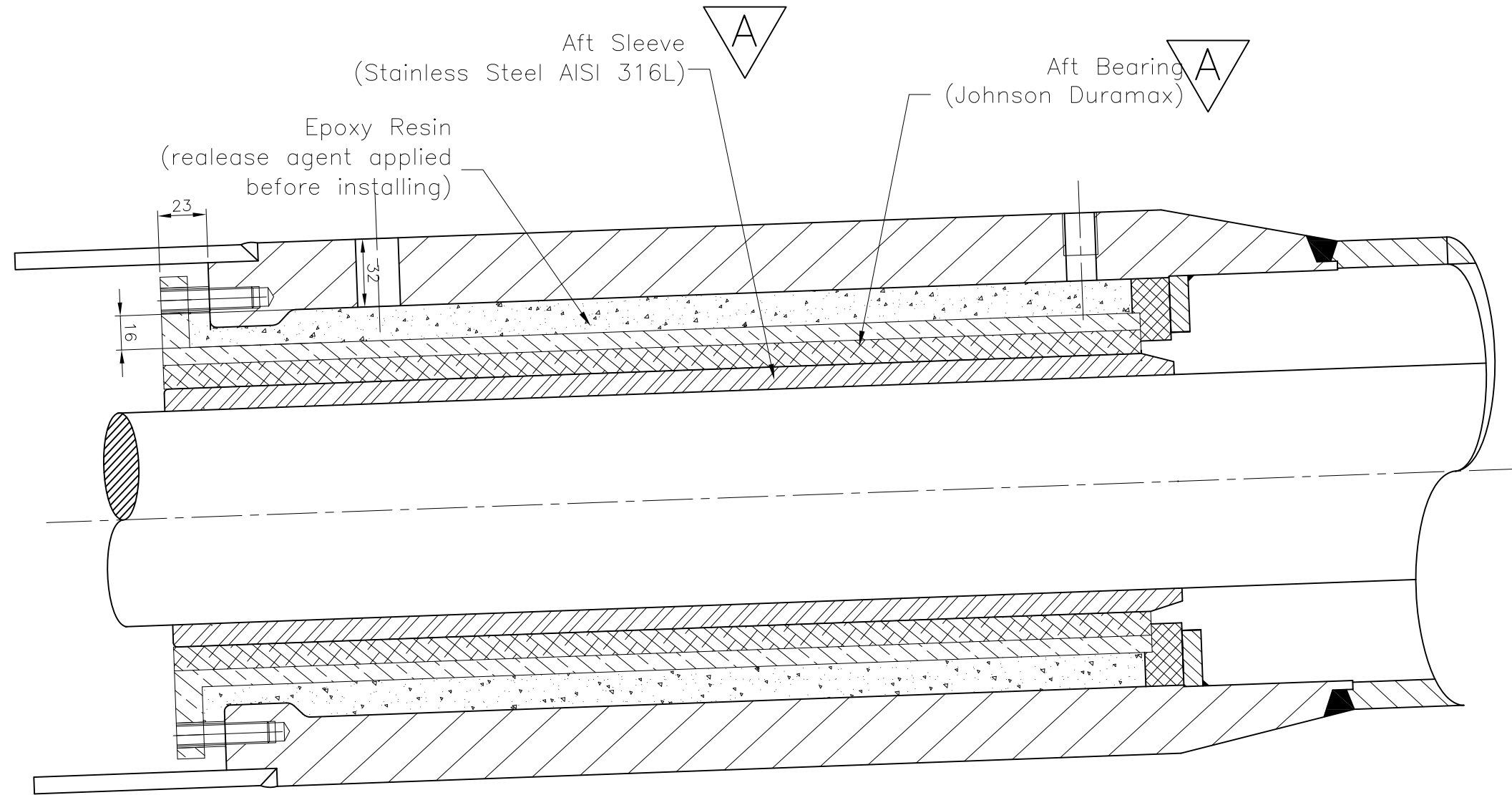
* NOTE: DIMENSIONS FOR COUPLING TRANSITION FLANGE & GEARBOX FLANGE

C365-SHAFT DIAMETER

$$d_{min} = Fk \sqrt[3]{\frac{P}{n_0} \frac{1}{1 - \frac{d_1^4}{d^4}} \frac{560}{\sigma_B + 160}}$$

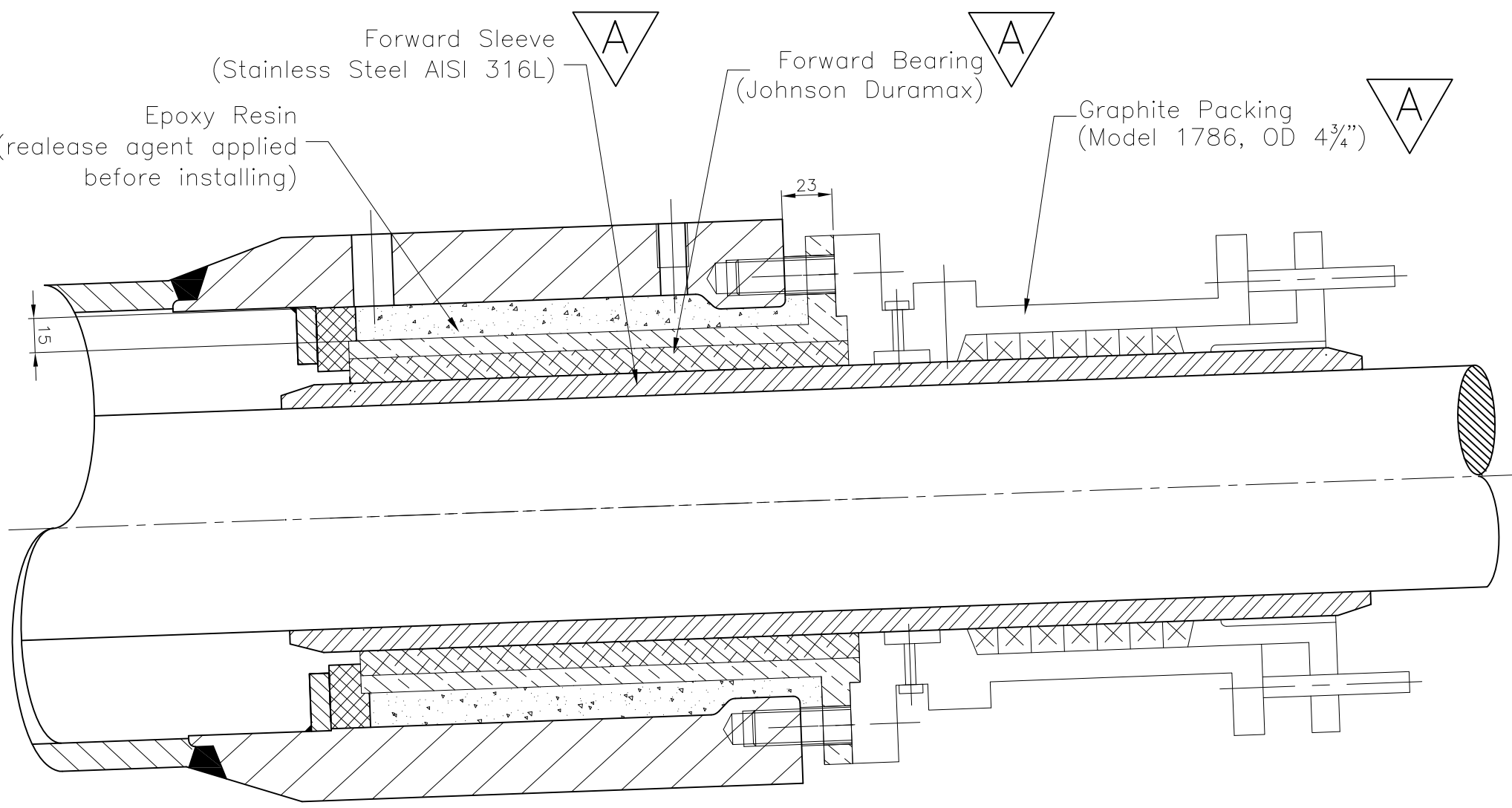
F=	100
k=	1.26
P=	339 KW
n0=	685.714286 RPM
(d1^4/d0^4)=	1
Δσs=	515 MPA (N/mm2)
ratio=	2.625
RPMmotor	1800 RPM

d_{98%}= 93.6161543 mm



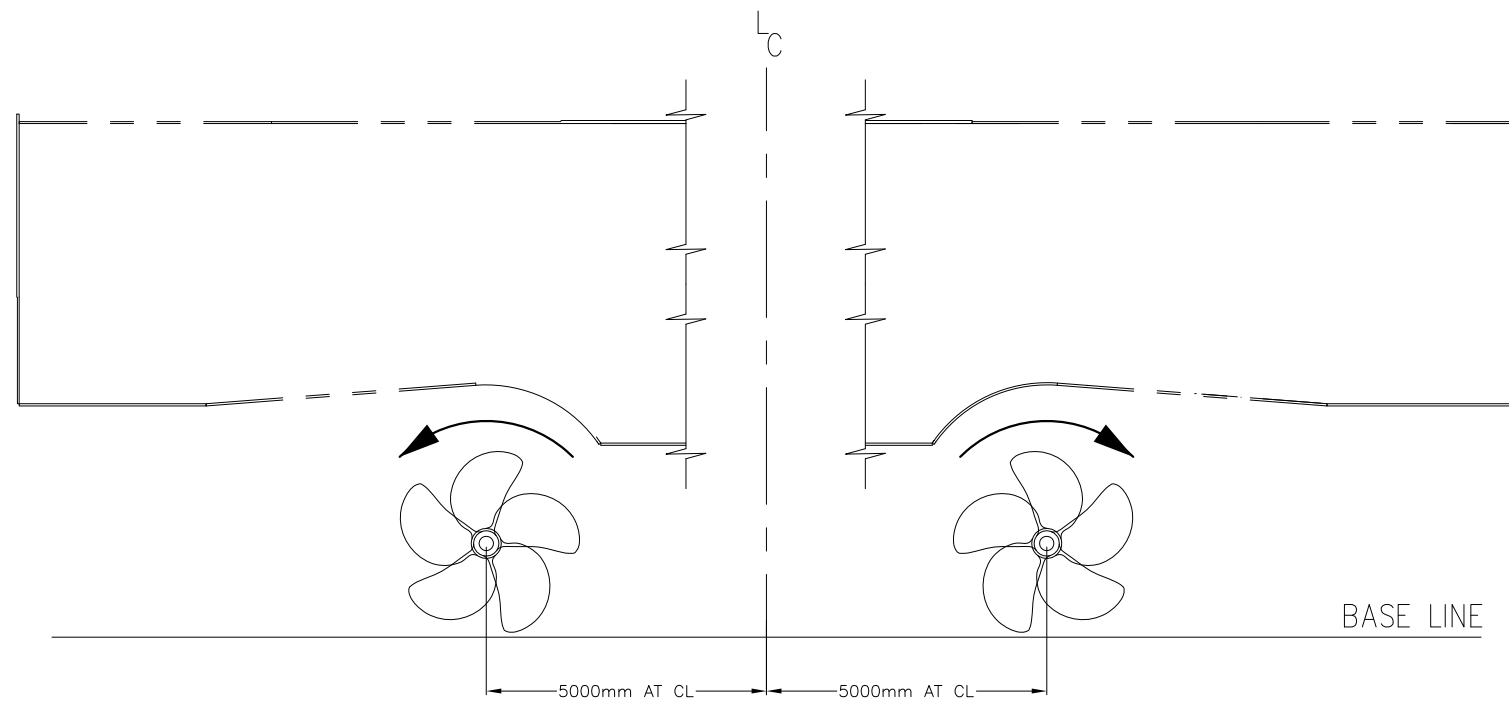
AFT STERN TUBE DETAIL

SCALE 1:2,5



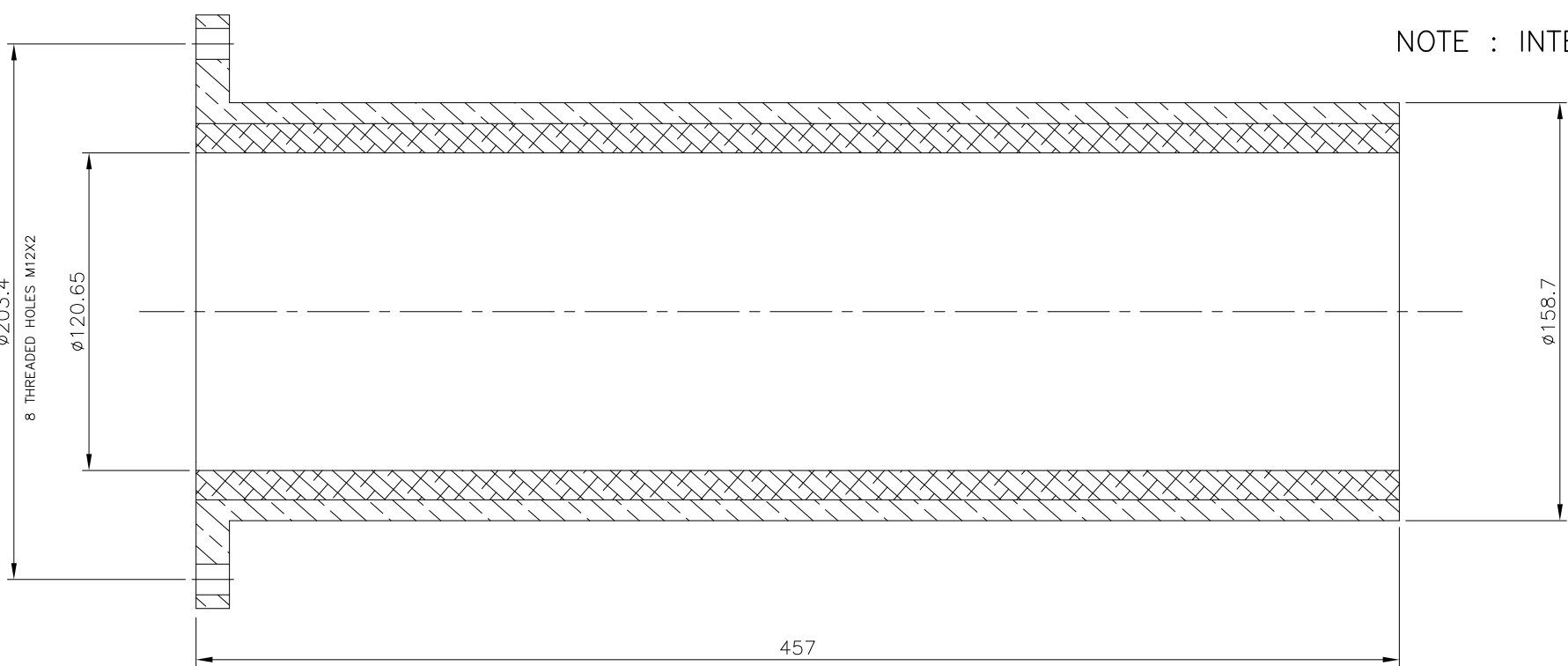
FORWARD STERN TUBE DETAIL

SCALE 1:2,5

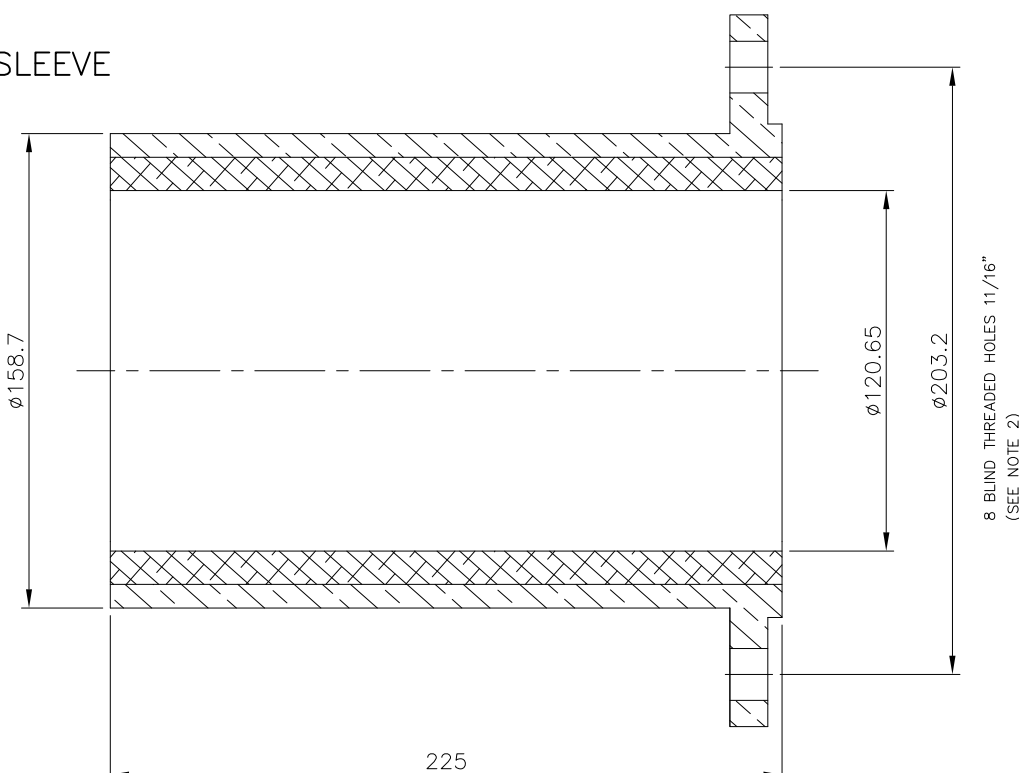


SECTION 2 1/2
VIEWED FROM AFT TO FORWARD
SCALE 1:40

NOTE : INTERFERENCE BETWEEN BEARING AND SLEEVE
MIN. : 0,05
MAX. : 0,08



AFT BEARING (ø4¾")
(JOHNSON DURAMAX)
SCALE 1:2,5



FORWARD BEARING (ø4¾")
(JOHNSON DURAMAX)
SCALE 1:2,5

NOTE 2
DRILLING HOLES BY THE DISTRIBUTION OF THE GRAPHITE PACKING

DESTRUIR
PLANO
ANTERIOR
FECHA: 29.06.2012

SEE LETTER
APPROVED
Date: 2012-09-07
DET NORSE VERITAS AS

A OVERVIEW				CWR	MLC	29.06.2012
REV.	REVISION			POR	V'B'	FECHA
OT 6126	NOMBRE	FIRMA	FECHA	ASTILLEROS DETROIT DEPARTAMENTO INGENIERIA NAVAL Carino Chiquihue Km 13, Puerto Montt, Chile. Tel 56-65-482300 • Fax 56-65-258580. www.detroit.cl		
PROYECTO	DCSA		MAY.2012			
DIBUJO	CWR		MAY.2012			
REVISO	MLC		09.05.12			
APROBO	LRR		09.05.12			
REV.	Proy.	FERRY BOAT 270 TPB			Armador	Casca
A	DISPOSICION DE PROPULSION			VALE		C365
				N°. de plano	Hoja	Escala
				C365-031011-00	1	1:20