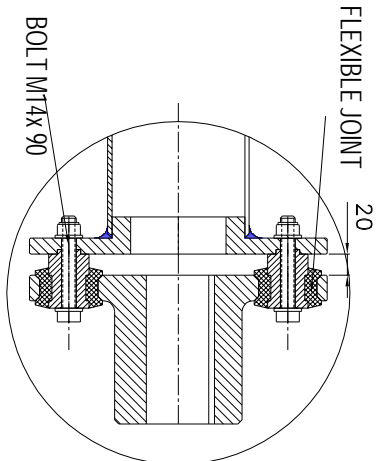
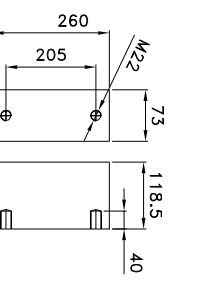
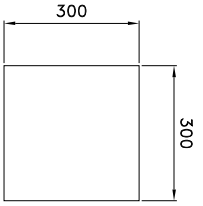
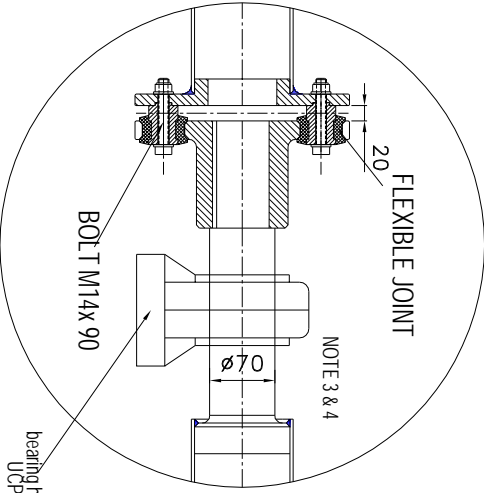
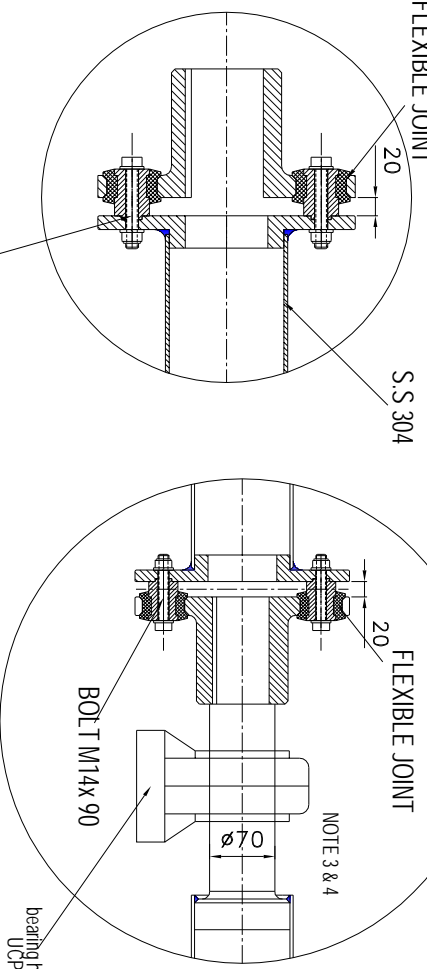
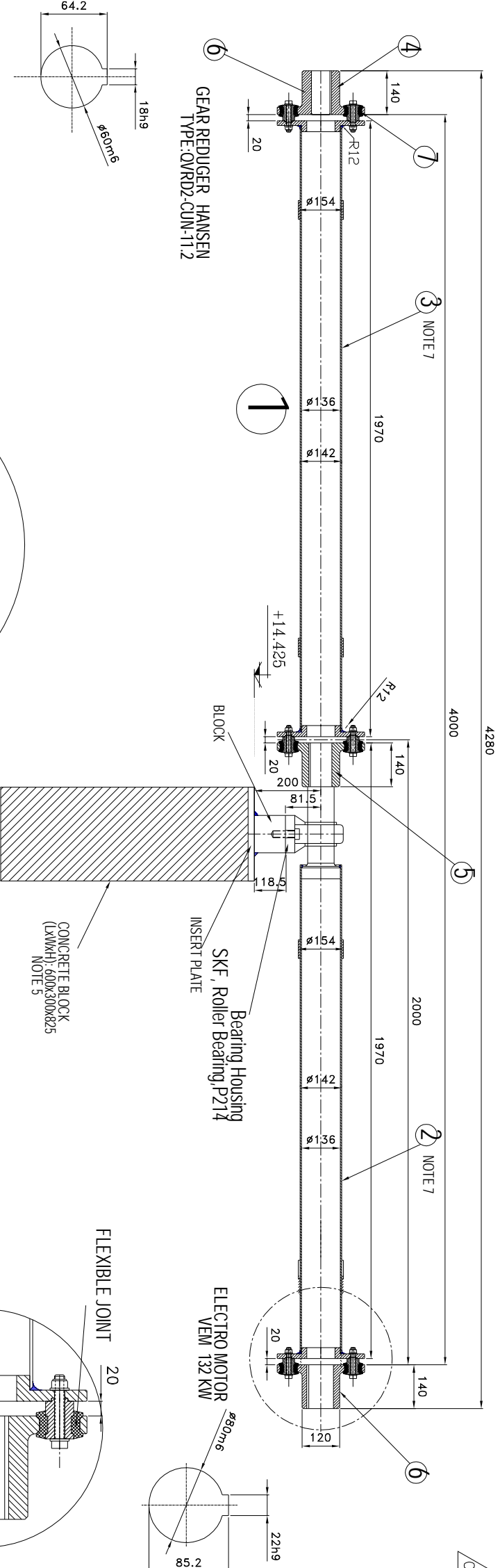


GENERAL NOTES

- 1- ALL DIMENSIONS ARE IN (mm)
- 2- DYNAMIC BALANCE ACCORDING TO ISO 1940-1 G-6.3 RPM: 1480
- 3- ALIGNMENT SHOULD BE DONE BY DIAL INDICATOR ALIGNMENT DEVICE AND THE ALLOWABLE RANGE FOR MISALIGNMENT IS 0.2-0.5 MM A&B DIN1101 (ISO1985-3).
- 4- FLEXIBLE JOINT IS NOT NECESSARY AT THIS POINT
- 5- FOR POSITION OF CONCRETE BLOCK PLEASE REFER TO BELOW DOCUMENTS:
FAN PACKAGE ASSEMBLY "VD-1208-108-DWG-020"
DRIVE SHAFT ASSEMBLY "VD-1208-108-DWG-021"
SUPPLY OF INSERT PLATE IS BY CIVIL CONTRACTOR.
- 6- SHAFT NO.2 (THE ONE WITH HAVE MOTOR SIDE COUPLING) SHOULD BE ALIGNED FIRSTLY AND SHAFT NO.3 WILL BE ALIGNED BASED ON SHAFT NO.2 ALIGNMENT LATER.



Item	Name	Description	Material	QTY
1	Drive Shaft Assembly	---	S.S. 304	11
2	Drive Shaft	TABLE-02 SHEET 2/4	S.S. 304	11
3	Drive Shaft	TABLE-03 SHEET 2/4	S.S. 304	11
4	Coupling-E	TABLE-07 SHEET 3/4	S.S. 304	11
5	Coupling-P	TABLE-06 SHEET 3/4	S.S. 304	11
6	Coupling-M	TABLE-08 SHEET 3/4	S.S. 304	11
7	Flexible Joint	TABLE-12 SHEET 4/4	S.S. 304 with SBR Rubber	198
8	Nut & Bolt & Washer	DIN 126 & 127 & 931 & 934	S.S. 304	198
9	Bearing Housing	SKF, ROLLER BEARING, P214	S.S. 304	11
10	Insert Plcte	---	ST37 ZINC RICH EPOXY COATED	11
11	Block	---	ST37 ZINC RICH EPOXY COATED	11

TABLE-01

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Name: _____ Req. No.: _____ Sdg. No.: _____
 Date: _____
 Purchaser review & comments does not absolve the vendor of the responsibility for the correct design, manufacturing and operation of the equipment.

DE	EXT	IFA	A
06	20/06/2018	SSIE D/CR APPROVAL	M.J. M.A. A.K. A.K.
04	23/04/2017	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
03	27/11/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
02	02/11/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
01	03/09/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
00	09/07/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.

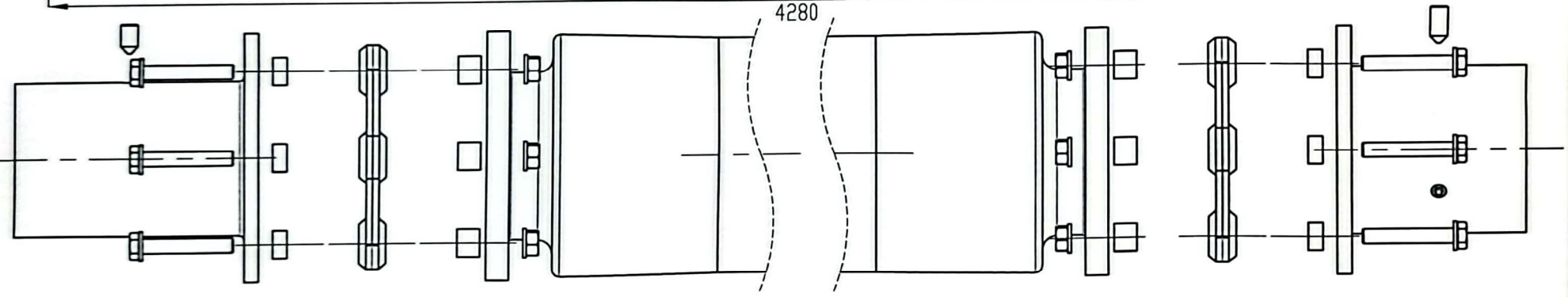
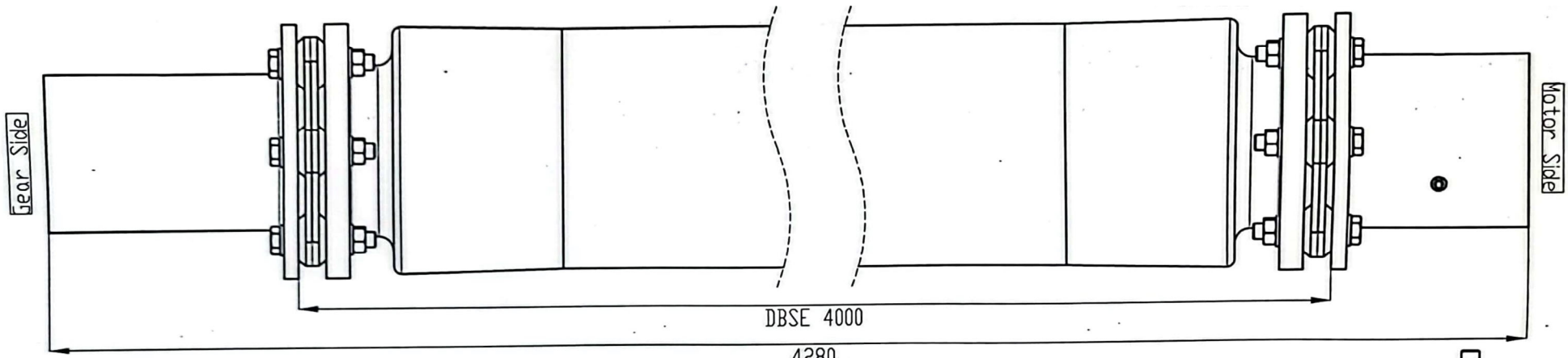
OWNER: _____ EPCC CONTRACTOR: _____

PROJECT: HENGAM FERTILIZER PROJECT

VEHICOR: FARABARD COMPANY

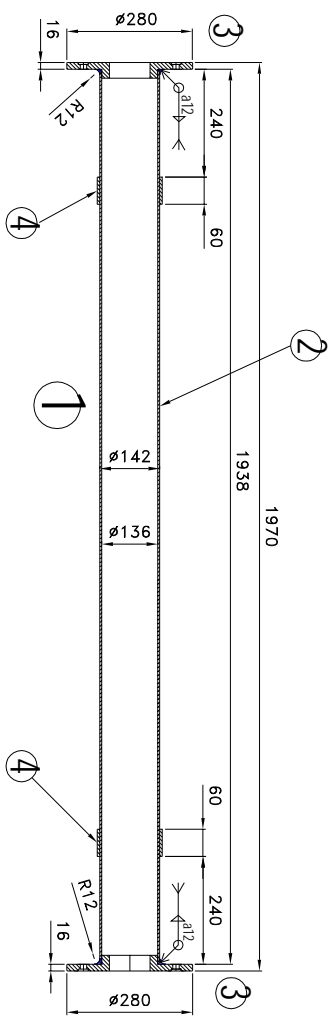
TITLE: DRIVE SHAFT DETAIL FOR COOLING TOWER (95-PU-9511)

SCALE: NIS
 OWNER PROJECT NO.: 144 FBCO-PIDEC-1509-DWG-025 REV: 05
 EPCC PROJECT NO.: 1208 FBCO-PIDEC-1509-DWG-025 REV: 05
 SHEET NO.: VD-1208-108-DWG-025 SHEET: A3



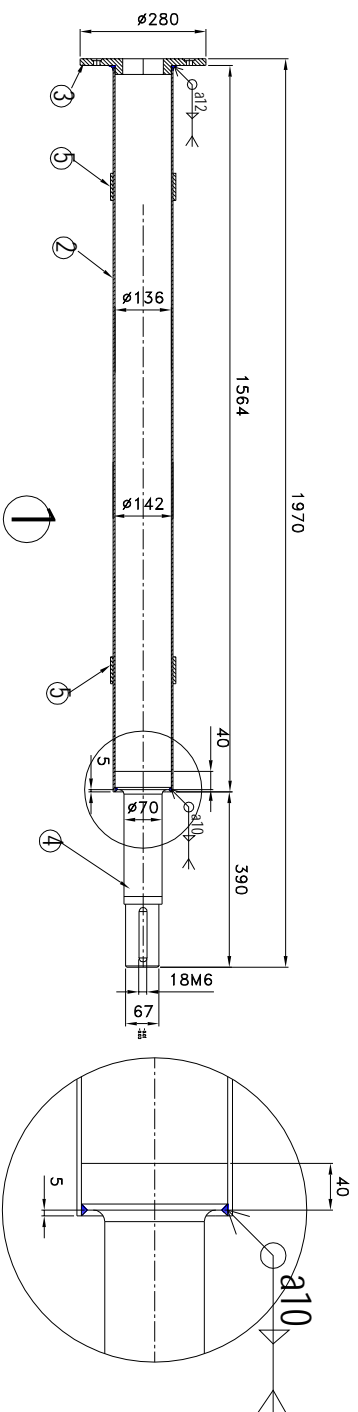
GENERAL NOTES

- 1 - ALL DIMENSIONS ARE IN (mm)
- 2 - DYNAMIC BALANCE ACCORDING TO ISO 1940-1) G6.3 RPM: 1480



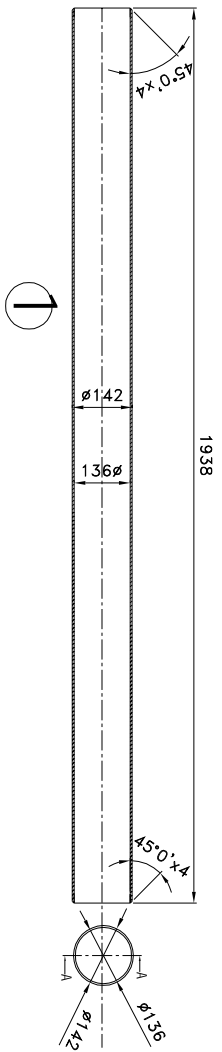
Item	Name	Description	Material	QTY
1	Part Assembly	---	S.S. 304	11
2	Pipe-A	TABLE-04 SHEET 2/4	S.S. 304	11
3	Flange	TABLE-09 SHEET 3/4	S.S. 304	22
4	Ring	TABLE-11 SHEET 4/4	S.S. 304	22

TABLE-02



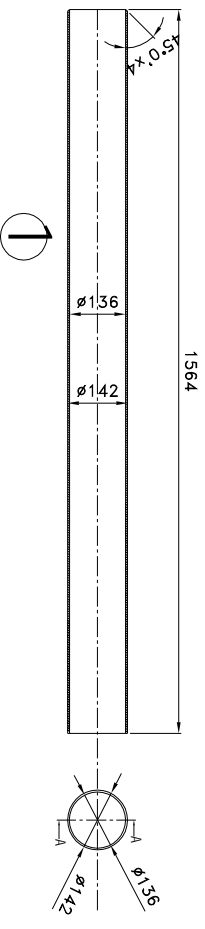
Item	Name	Description	Material	QTY
1	Part Assembly	---	S.S. 304	11
2	Pipe-B	TABLE-05 SHEET 2/4	S.S. 304	11
3	Flange	TABLE-09 SHEET 3/4	S.S. 304	11
4	Shaft	TABLE-10 SHEET 4/4	S.S. 304	11
5	Ring	TABLE-11 SHEET 4/4	S.S. 304	22

TABLE-03



Item	Name	Description	Material	QTY
1	Pipe-A	OD=142, ID=136, L=1938	S.S. 304	11

TABLE-04



Item	Name	Description	Material	QTY
1	Pipe-B	OD=142, ID=136, L=1564	S.S. 304	11

TABLE-05

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DE	EXT	FA	A
Erg. Phase	Purpose of Distribution (POD)	Purpose of Issue (POI)	Purchaser's Action
06	2006/2018	SSIE D/CR APPROVAL	M.J. M.A. A.K. A.K.
04	23/04/2017	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
03	22/11/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
02	02/11/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
01	03/09/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
00	09/01/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.

OWNER: **Farabard Company**

EPCC CONTRACTOR: **Farabard Company**

PROJECT: **HENGAM FERTILIZER PROJECT**

VENDOR: **FARABARD COMPANY**

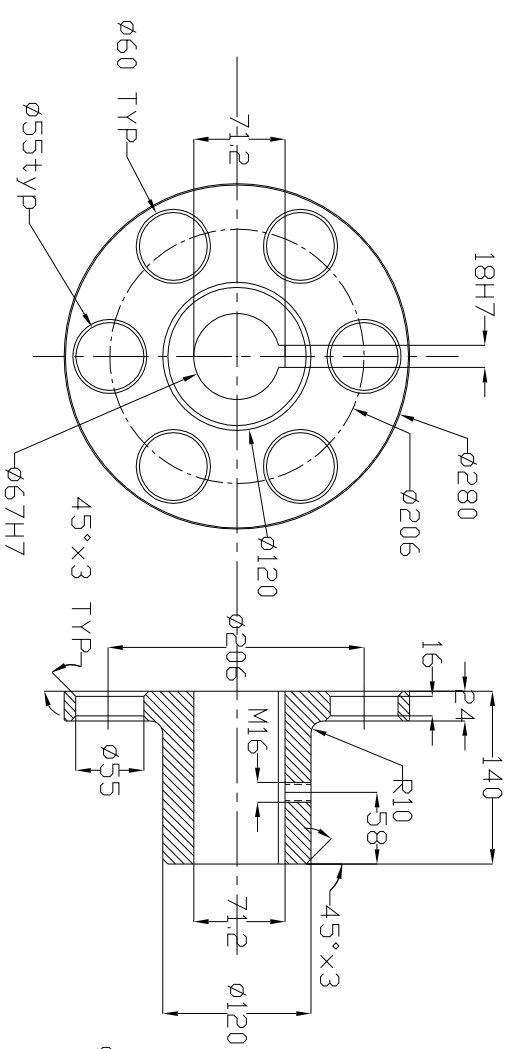
TITLE: **DRIVE SHAFT DETAIL FOR COOLING TOWER (95-PU-9511)**

SCALE:	VENDOR'S DWG. NO.:	PROJECT DWG. NO.:	REV.	SIZE:
NIS	95-PU-9511	VD-1208-108-DWG-025	04	A3

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GENERAL NOTES

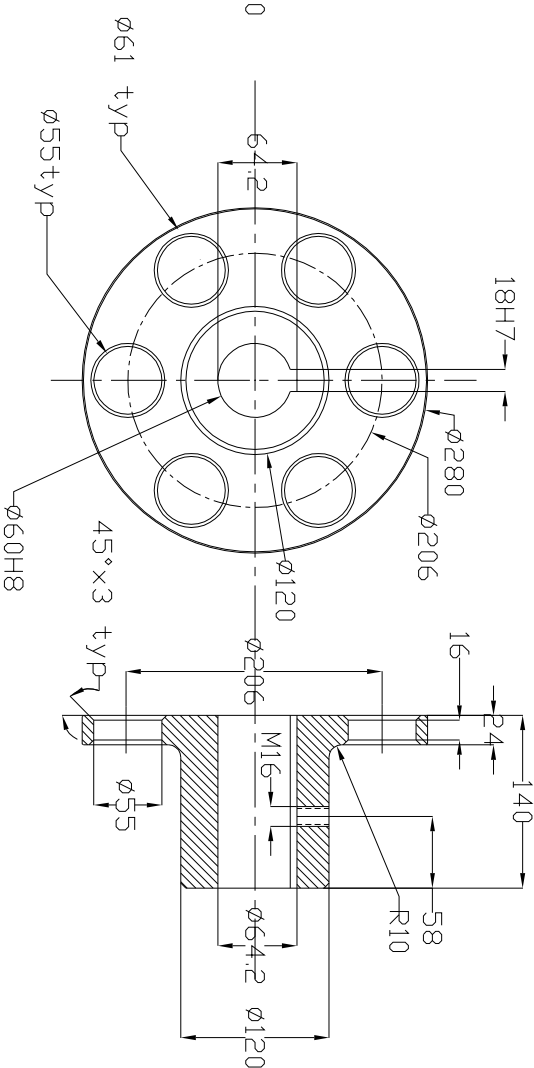
1 - ALL DIMENSIONS ARE IN (mm)



COUPLING-P MIDL PART

Item	Name	Description	Material	QTY
1	Coupling-P	OD=280, L=140	S.S. 304	11

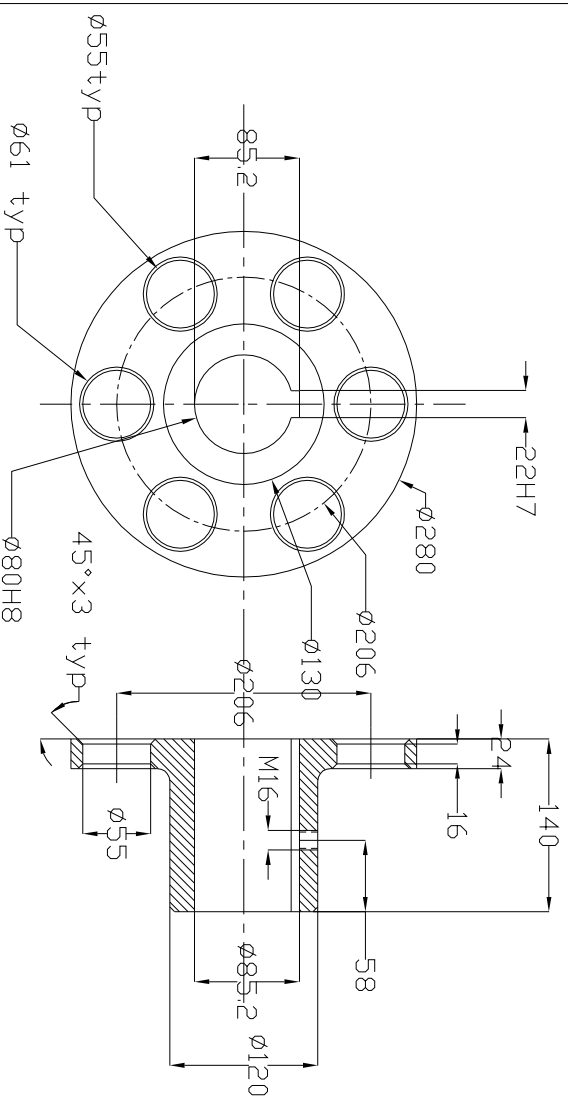
TABLE-06



GEAR REDUGER HANSEN
TYPE:OVRD2-CUN-11.2

Item	Name	Description	Material	QTY
1	Coupling-E	OD=280, L=140	S.S. 304	11

TABLE-07



ELECTRO MOTOR
VEM 132 KW

Item	Name	Description	Material	QTY
1	Coupling-M	OD=280, L=140	S.S. 304	11

TABLE-08

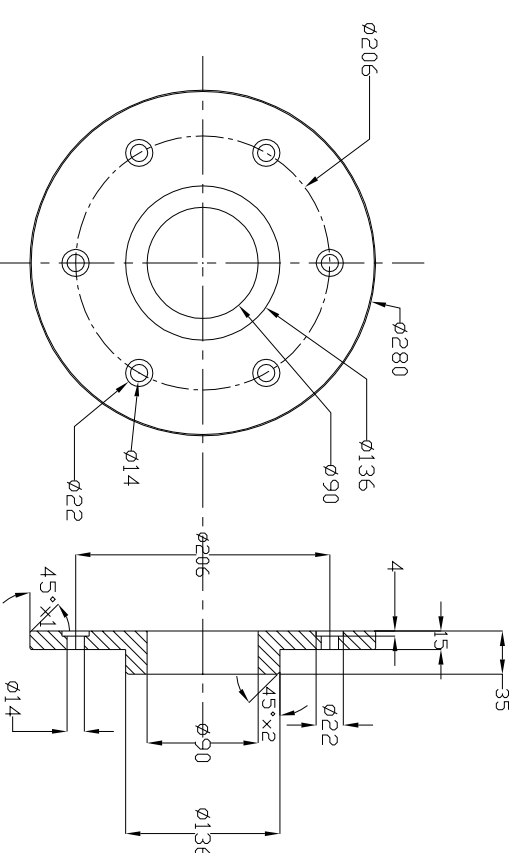


TABLE-09

Item	Name	Description	Material	QTY
1	Flange	OD=280, ID=90, L=35	S.S. 304	33

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Name: _____ Req. No.: _____ Sdg. No.: _____
 Date: _____
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DE	EXT	IFA	A
Eng. Phase	Purpose of Distribution (POD)	Purpose of Issue (POI)	Purchaser's Action
06	2008/2018	SSIE D/CR APPROVAL	M.J. M.A. A.K. A.K.
04	23/04/2017	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
01	27/11/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
02	02/11/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
01	03/09/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
01	09/07/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.

ISSUE DATE: _____
 CHECKED BY: _____
 APPROVED AUTHORIZED BY: _____

OWNER: _____
 EPCO CONTRIBUTOR: _____

PROJECT: HENGAM FERTILIZER PROJECT

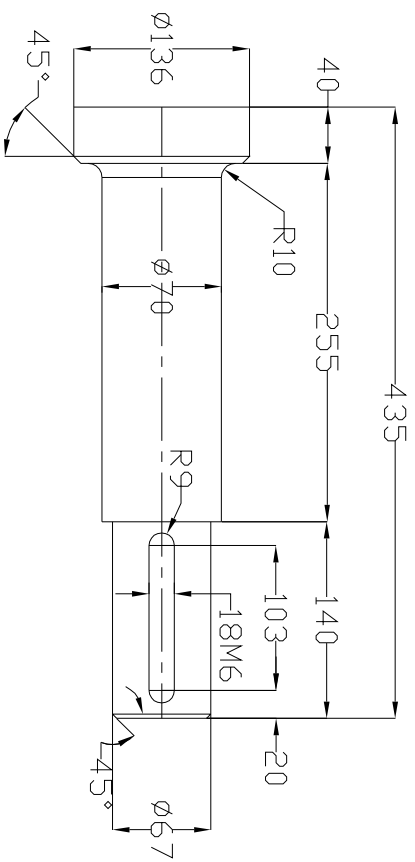
VEHICOR: FARABARD COMPANY

TITLE: DRIVE SHAFT DETAIL FOR COOLING TOWER (95-PU-951)

SCALE: NIS
 DWG PROJECT NO.: 144
 FBCO-P/DEC-1509-DWG-025
 REV: 05
 SHEET: A3

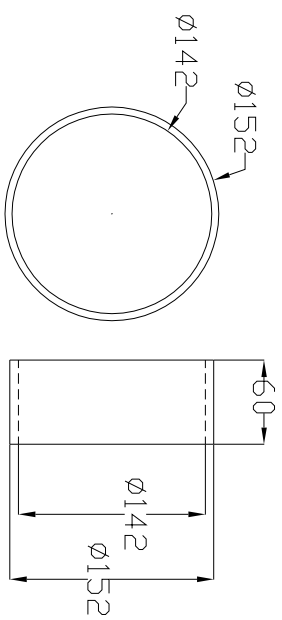
GENERAL NOTES

1 - ALL DIMENSIONS ARE IN (mm)



Item	Name	Description	Material	QTY
1	Shaft	OD=136, L=435	S.S. 304	11

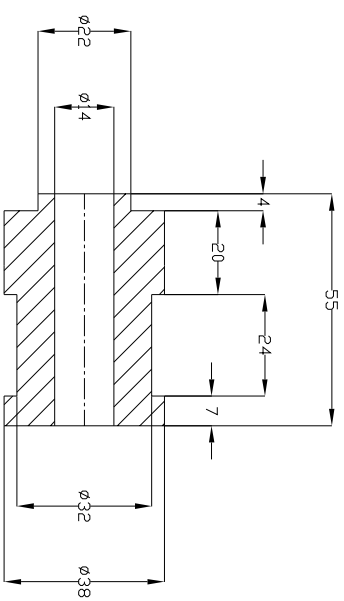
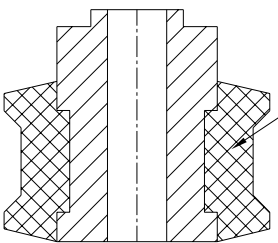
TABLE-10



Item	Name	Description	Material	QTY
1	Ring	OD=152, ID=142, L=60	S.S. 304	44

TABLE-11

RUBBER



Item	Name	Description	Material	QTY
1	Flexible Joint	---	S.S. 304 & SBR Rubber	198
2	Bosh	OD=38, L=55	S.S. 304	198

TABLE-12

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DE	EXT	IFA	A
Eng. Phase	Purpose of Distribution (POD)	Purpose of Issue (POI)	Purchaser's Action
06	20/06/2018	SSIE D/CR APPROVAL	M.J. M.A. A.K. A.K.
04	23/04/2017	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
03	27/11/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
02	02/11/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
01	03/09/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.
00	09/07/2016	SSIE D/CR APPROVAL	M.A. M.A. A.K. A.K.

OWNER:

EPC CONTRACTOR:

PROJECT: HENGAM FERTILIZER PROJECT
 VENDOR: FARABARD COMPANY

TITLE: DRIVE SHAFT DETAIL FOR COOLING TOWER (95-PU-9511)
 SCALE: NIS
 OWNER PROJECT NO.: 14
 VENDOR DWS NO.: FBCO-PIDEC-1509-DWG-025
 PROJECT NO.: 1208
 FBCO-PIDEC-1509-DWG-025
 REV: 05
 SIZE: A3