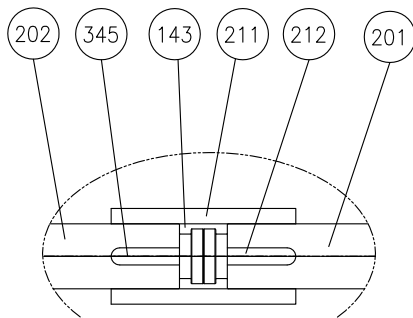
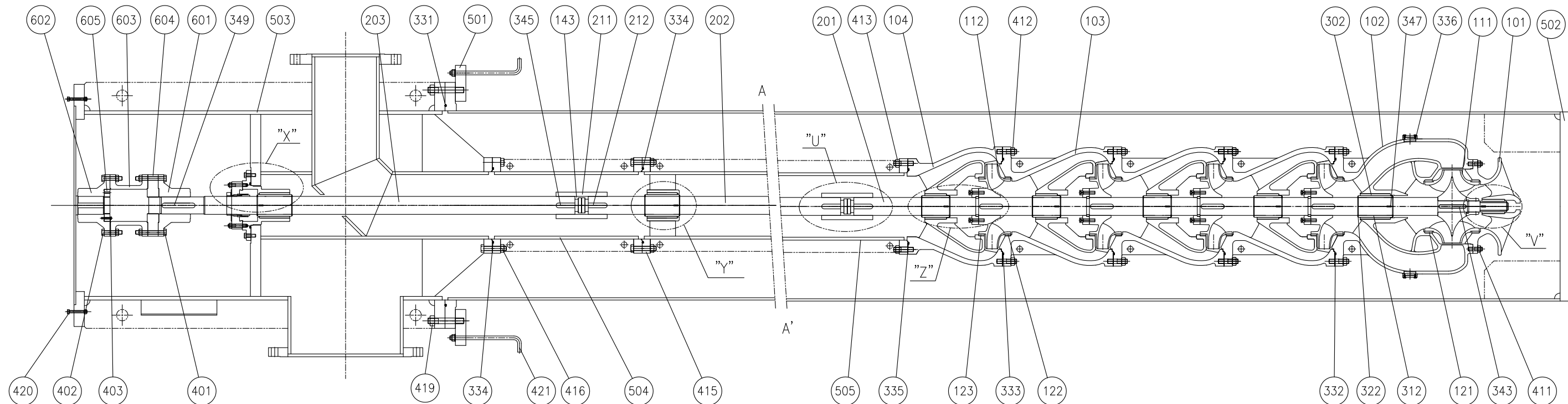
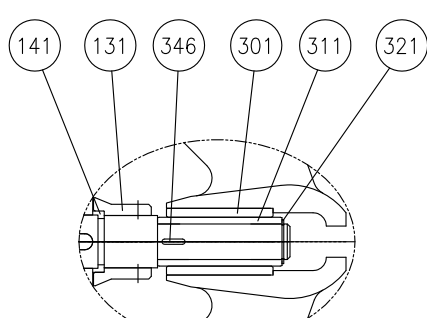
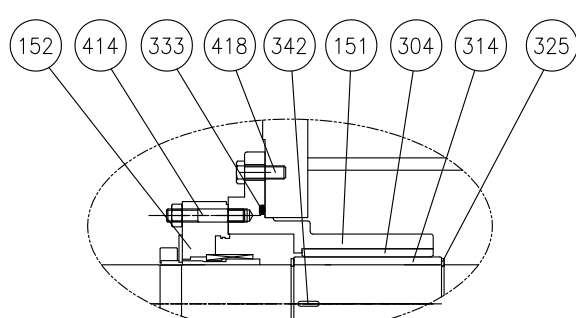




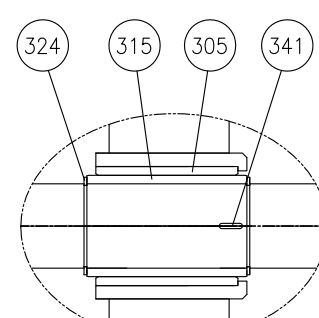
DETAIL "U"



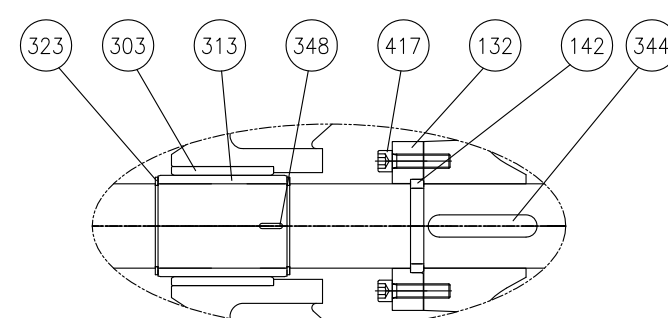
DETAIL "V"



DETAIL "X"



DETAIL "Y"



DETAIL "Z"

Part No.	Part Description	Q'ty	Material ASTM	Remark
101	SUCTION BELL MOUTH	1	A216 Gr WCB	
102	CASING-FIRST	1	A216 Gr WCB	
103	CASING-SERIES	3	A216 Gr WCB	
104	CASING-TOP	1	A216 Gr WCB	
111	IMPELLER-FIRST	1	A743 CF 3M	
112	IMPELLER-SERIES & TOP	4	A743 CF 3M	
121	CASING WEARING-FIRST	2	A743 CF 3M	HARD FACED
122	CASING WEARING-SERIES & TOP(F)	4	A743 CF 3M	HARD FACED
123	CASING WEARING-SERIES & TOP(B)	4	A743 CF 3M	HARD FACED
131	RETAINER	1	A276- Tp 316	
132	THRUST COLLAR	4	A276- Tp 316	
141	SPLIT RING-FIRST	1	A276- Tp 316	
142	SPLIT RING-SERIES & TOP	4	A276- Tp 316	
143	SPLIT RING-MUFF COUPLING	3	A276- Tp 316	
151	M/SEAL BOX	1	A216 Gr WCB	
152	M/SEAL CARTRIDGE	1 SET	-	
201	SHAFT-LOWER	1	A276- Tp 316	
202	SHAFT-MIDDLE	2	A276- Tp 316	
203	SHAFT-UPPER	1	A276- Tp 316	
211	MUFF COUPLING	3	A276- Tp 316	
212	OIB KEY	6	A276- Tp 316	
301	CARBON BEARING-BOTTOM	1	GRAPHALLOY	
302	CARBON BEARING-FIRST	1	GRAPHALLOY	
303	CARBON BEARING-SERIES & TOP	4	GRAPHALLOY	
304	CARBON BEARING-M/SEAL BOX	1	GRAPHALLOY	
305	CARBON BEARING-COLUMN	2	GRAPHALLOY	
311	SHAFT SLEEVE-BOTTOM	1	A276- Tp 316	

Part No.	Part Description	Q'ty	Material ASTM	Remark
312	SHAFT SLEEVE-FIRST	1	A276- Tp 316	
313	SHAFT SLEEVE-SERIES & TOP	4	A276- Tp 316	
314	SHAFT SLEEVE-M/SEAL BOX	1	A276- Tp 316	
315	SHAFT SLEEVE-COLUMN	2	A276- Tp 316	
321	STOP RING-BOTTOM	1	JIS SKS (Carbon Tool Steel Hard Alloy)	
322	STOP RING-FIRST	2	JIS SKS (Carbon Tool Steel Hard Alloy)	
323	STOP RING-SERIES & TOP	8	JIS SKS (Carbon Tool Steel Hard Alloy)	
324	STOP RING-COLUMN	4	JIS SKS (Carbon Tool Steel Hard Alloy)	
325	STOP RING-M/SEAL BOX	2	JIS SKS (Carbon Tool Steel Hard Alloy)	
331	O RING-BARREL	1	NBR	
332	O RING-SERIES	4	NBR	
333	O RING-M/SEAL BOX	1	NBR	
334	O RING-COLUMN	2	NBR	
335	O RING-LOWER COLUMN	1	NBR	
336	O RING-FIRST CASING COVER	4	NBR	
341	KEY-COLUMN SLEEVE	2	A276- Tp 316	
342	KEY-M/SEAL BOX SLEEVE	1	A276- Tp 316	
343	KEY-FIRST IMPELLER	1	A276- Tp 316	
344	KEY-SERIES & TOP IMPELLER	4	A276- Tp 316	
345	KEY-MUFF COUPLING	6	A276- Tp 316	
346	KEY-BOTTOM SLEEVE	1	A276- Tp 316	
347	KEY-FIRST SLEEVE	1	A276- Tp 316	
348	KEY-SERIES & TOP SLEEVE	4	A276- Tp 316	
349	KEY-COUPLING	1	A576-1045	
501	BED	1	A36	
502	BARREL	1	A36	
503	DISCHARGE ELBOW	1	A36	

Part No.	Part Description	Q'ty	Material ASTM	Remark
504	COLUMN PIPE	1	A36	
505	COLUMN PIPE	1	A36	
401	HEX NUT FOR 401	8	A194-B8M	For 601 & 603 (JIS SUS316)
402	HEX BOLT	8	A193-BM	For 602 & 603
402	HEX NUT FOR 402	8	A194-B8M	(JIS SUS316)
403	HEX. SOCKET HEAD GRUB SCREW	1	A193-BM	For 602 & 605
411	STUD BOLT	16	A193-BM	For 101 & 102
411	HEX NUT FOR 411	8	A194-B8M	(JIS SUS316)
412	STUD BOLT	80	A193-BM	For 102,103 & 104
412	HEX NUT FOR 412	8	A194-B8M	(JIS SUS316)
413	STUD BOLT	20	A193-BM	For 104 & 505
413	HEX NUT FOR 413	8	A194-B8M	(JIS SUS316)
414	STUD BOLT	4	A193-BM	For 151 & 152
414	HEX NUT FOR 414	8	A194-B8M	(JIS SUS316)
415	HEX BOLT	20	A193-BM	For 504 & 505
415	HEX NUT FOR 415	20	A194-B8M	(JIS SUS316)
416	HEX BOLT	20	A193-BM	For 503 & 504
416	HEX NUT FOR 416	20	A194-B8M	(JIS SUS316)
417	HEX. SOCKET HEAD BOLT	16	A193-BM	For 132 & 112
418	HEX BOLT	12	A193-BM	For 151 & 503
419	STUD BOLT	20	A193-BM	For 501,502 & 503
419	HEX NUT FOR 419	20	A194-B8M	(JIS SUS316)
420	STUD BOLT	12	A193-BM	For Motor & 503
420	HEX NUT FOR 420	12	A194-B8M	(JIS SUS316)
421	ANCHOR BOLT	8	A193-BM	For 501 & Foundation
421	HEX NUT FOR 421	8	A194-B8M	(JIS SUS316)

Part No.	Part Description	Q'ty	Material ASTM	Remark
601	FLEXIBLE COUPLING(P)	1	A668-D	
602	FLEXIBLE COUPLING(M)	1	A668-D	
603	SPACER	1	A668-D	
604	ADJUSTABLE NUT	1	A36	
605	SHAFT NUT(M)	1	A36	

Daelim Industrial Co., Ltd.	
Job No.	110180
A - APPROVED	
B - APPROVED WITH COMMENTS	
C - RETURNED FOR CORRECTION	
D - REJECTED	
N - NOT APPLICABLE (REFERENCE ONLY)	
SIGNED BY :	DATE :
DIC'S PERMISSION TO PROCEED OR REVIEW TAKEN ON VENDOR PRINTS SHALL NOT RELIEVE VENDOR FROM ITS RESPONSIBILITIES OR LIABILITIES UNDER THE PURCHASE ORDER.	

DOCUMENT SUBMISSION STATUS : FF

REV	DATE	DESCRIPTION	PREP	CHKD	APRD	APRD
△						
△						
△	10.JUN.2015	FOR FINAL	I.G.JO	J.Y.LEE	S.D.PARK	
△	10.JUN.2015	FOR FINAL	I.G.JO	J.Y.LEE	S.D.PARK	
△	27.APR.2015	FOR FINAL	I.G.JO	J.Y.LEE	S.D.PARK	

OWNER	VIETNAM OIL AND GAS GROUP (PVN)	OWNER'S CONSULTANT	FICHTNER GmbH & Co. KG	FICHTNER	PV POWER PCC
EPC CONTRACTOR	PTETROVIETNAM CONSTRUCTION JOINT STOCK CORPORATION (PVC)	EPC CONTRACTOR'S CONSULTANT	WorleyParsons	WorleyParsons	
POWER ISLAND PACKAGE SUPPLIER	SOJITZ CORPORATION		DAELIM	DAELIM INDUSTRIAL CO., LTD.	

PROJECT TITLE		THAI BINH2 THERMAL POWER PLANT 2 x 600MW				
DRAWING TITLE		Cross Section Drawing for Condensate Pump				
VENDOR NAME		FUNCTION		NAME	SIGN	DATE
	HYOSUNG GOODSPRINGS INC	DRWN		I.G.JO		2016.05.17
		CHKD		J.Y.LEE		2016.05.17
		APPD		S.D.PARK		2016.05.17
		APPD				
DRAWING NO. TB2-SDC.VP104-00LCB-M-M1B-DSE-0001		JOB NO.		110180	SCALE 1/1	REV.NO. 