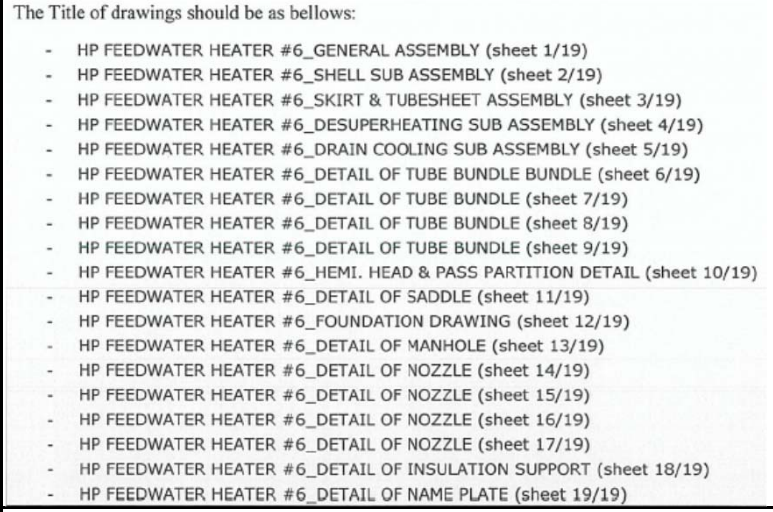
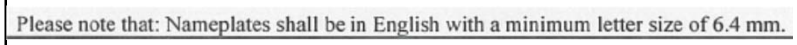
Document Review Comment Sheet

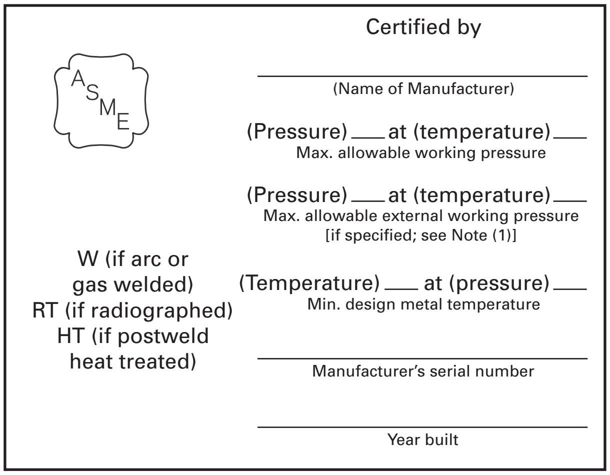
PEB Ref. No : TB2-PEB-SDC-M1B-TVI-02734

No.	Document No.	Rev	Title	Purpose	Review Status	
					In	Out
1	TB2-SDC.VP105-00100-M-M1B-DGA-0701	C	HP FEEDWATER HEATER #6_GENERAL ASSEMBLY	RE		IB
2	TB2-SDC.VP105-00100-M-M1B-DSW-0702	C	HP FEEDWATER HEATER #6_SHELL SUB ASSEMBLY	RE		IB
3	TB2-SDC.VP105-00100-M-M1B-DSW-0703	C	HP FEEDWATER HEATER #6_SKIRT & TUBESHEET ASSEMBLY	RE		IB
4	TB2-SDC.VP105-00100-M-M1B-DSW-0704	C	HP FEEDWATER HEATER #6_DESUPERHEATING SUB ASSEMBLY	RE		IB
5	TB2-SDC.VP105-00100-M-M1B-DSW-0705	C	HP FEEDWATER HEATER #6_DRAIN COOLING SUB ASSEMBLY	RE		IB
6	TB2-SDC.VP105-00100-M-M1B-DSW-0706	C	HP FEEDWATER HEATER #6_DETAIL OF TUBE BUNDLE (1/4)	RE		IB
7	TB2-SDC.VP105-00100-M-M1B-DSW-0707	C	HP FEEDWATER HEATER #6 DETAIL OF TUBE BUNDLE (2/4)	RE		IB
8	TB2-SDC.VP105-00100-M-M1B-DSW-0708	C	HP FEEDWATER HEATER #6_DETAIL OF TUBE BUNDLE (3/4)	RE		IB
9	TB2-SDC.VP105-00100-M-M1B-DSW-0709	C	HP FEEDWATER HEATER #6_DETAIL OF TUBE BUNDLE (4/4)	RE		IB
10	TB2-SDC.VP105-00100-M-M1B-DSW-0710	C	HP FEEDWATER HEATER #6_HEMI. HEAD & PASS PARTITION DETAIL	RE		IB
11	TB2-SDC.VP105-00100-M-M1B-DSW-0711	C	HP FEEDWATER HEATER #6_DETAIL OF SADDLE	RE		IB
12	TB2-SDC.VP105-00100-M-M1B-DSW-0712	C	HP FEEDWATER HEATER #6_FOUNDATION DRAWING	RE		IB
13	TB2-SDC.VP105-00100-M-M1B-DSW-0713	C	HP FEEDWATER HEATER #6_DETAIL OF MANHOLE	RE		IB
14	TB2-SDC.VP105-00100-M-M1B-DSW-0714	C	HP FEEDWATER HEATER #6_DETAIL OF NOZZLE (1/4)	RE		IB
15	TB2-SDC.VP105-00100-M-M1B-DSW-0715	C	HP FEEDWATER HEATER #6_DETAIL OF NOZZLE (2/4)	RE		IB
16	TB2-SDC.VP105-00100-M-M1B-DSW-0716	C	HP FEEDWATER HEATER #6_DETAIL OF NOZZLE (3/4)	RE		IB
17	TB2-SDC.VP105-00100-M-M1B-DSW-0717	C	HP FEEDWATER HEATER #6_DETAIL OF NOZZLE (4/4)	RE		IB
18	TB2-SDC.VP105-00100-M-M1B-DSW-0718	C	HP FEEDWATER HEATER #6_DETAIL OF INSULATION SUPPORT	RE		IB
19	TB2-SDC.VP105-00100-M-M1B-DSW-0719	A	HP FEEDWATER HEATER #6_DETAIL OF NAME PLATE	RE		IB

No.	Owner/PMC's comment		Contractor's Response
	General comment		
1	 The Title of drawings should be as bellows: - HP FEEDWATER HEATER #6_GENERAL ASSEMBLY (sheet 1/19) - HP FEEDWATER HEATER #6_SHELL SUB ASSEMBLY (sheet 2/19) - HP FEEDWATER HEATER #6_SKIRT & TUBESHEET ASSEMBLY (sheet 3/19) - HP FEEDWATER HEATER #6_DESUPERHEATING SUB ASSEMBLY (sheet 4/19) - HP FEEDWATER HEATER #6_DRAIN COOLING SUB ASSEMBLY (sheet 5/19) - HP FEEDWATER HEATER #6_DETAIL OF TUBE BUNDLE BUNDLE (sheet 6/19) - HP FEEDWATER HEATER #6_DETAIL OF TUBE BUNDLE (sheet 7/19) - HP FEEDWATER HEATER #6_DETAIL OF TUBE BUNDLE (sheet 8/19) - HP FEEDWATER HEATER #6_DETAIL OF TUBE BUNDLE (sheet 9/19) - HP FEEDWATER HEATER #6_HEMI. HEAD & PASS PARTITION DETAIL (sheet 10/19) - HP FEEDWATER HEATER #6_DETAIL OF SADDLE (sheet 11/19) - HP FEEDWATER HEATER #6_FOUNDATION DRAWING (sheet 12/19) - HP FEEDWATER HEATER #6_DETAIL OF MANHOLE (sheet 13/19) - HP FEEDWATER HEATER #6_DETAIL OF NOZZLE (sheet 14/19) - HP FEEDWATER HEATER #6_DETAIL OF NOZZLE (sheet 15/19) - HP FEEDWATER HEATER #6_DETAIL OF NOZZLE (sheet 16/19) - HP FEEDWATER HEATER #6_DETAIL OF NOZZLE (sheet 17/19) - HP FEEDWATER HEATER #6_DETAIL OF INSULATION SUPPORT (sheet 18/19) - HP FEEDWATER HEATER #6_DETAIL OF NAME PLATE (sheet 19/19)		We will add sheet number.
2	 Please note that: Nameplates shall be in English with a minimum letter size of 6.4 mm.		ASME 'U'stamp project letter size was min 4mm.(UG-108). But we will used letter size 7mm.

(10) (a)

FIG. UG-118 FORM OF STAMPING


Certified by
A S M E
(Name of Manufacturer)
(Pressure) at (temperature)
Max. allowable working pressure
(Pressure) at (temperature)
Max. allowable external working pressure [if specified; see Note (1)]
W (if arc or gas welded)
RT (if radiographed)
HT (if postweld heat treated)
(Temperature) at (pressure)
Min. design metal temperature
Manufacturer's serial number
Year built

GENERAL NOTE: Information within parentheses is not part of the required marking. Phrases identifying data may be abbreviated; minimum abbreviations shall be MAWP, MAEWP, MDMT, S/N, and year, respectively.

NOTE:
(1) The maximum allowable external working pressure is required only when specified as a design condition.

(1) The required markings on a nameplate shall be in characters not less than $\frac{5}{32}$ in. (4 mm) high, except that characters for pressure relief device markings may be smaller.

(2) Characters shall be either indented or raised at least 0.004 in. (0.10 mm) and shall be legible and readable.

(d) The nameplate may be marked before it is affixed to the vessel, in which case the Manufacturer shall ensure that the nameplate with the correct marking has been applied to the proper vessel, and the Inspector shall satisfy himself that this has been done.

(e) The nameplate shall be attached to the vessel or to a pad, bracket, or structure that is welded, brazed, soldered, or attached with mechanical fasteners directly to the vessel. Mechanical fasteners shall be of a material and design that is compatible with the vessel, bracket materials, and the vessel service. After installation of the pad, bracket, or structure, the heads of the fasteners shall be welded, brazed, or soldered to the pad, bracket, or structure that supports the nameplate. The nameplate shall be located within 30 in. (760 mm) of the vessel. Removal shall require the willful destruction of the nameplate, or its attachment system. (See M-3.)

(1) Nameplates may be attached either by welding, brazing, or soldering.

(2) Nameplates may be attached by tamper-resistant mechanical fasteners of suitable metal construction.

(3) Nameplates may be attached with pressure-sensitive acrylic adhesive systems provided that, in addition to the requirements of this paragraph, those of Appendix 18 are met.

(f) An additional nameplate in accordance with (a) through (d) may be installed on the skirt, supports, jacket, or other permanent attachment to a vessel. All data on the additional plate, including the Certification Mark with the Designator, shall be as required for the mandatory nameplate. The marking need not be witnessed by the Inspector. The additional nameplate shall be marked: "DUPLICATE."

(g) When a nameplate is employed, the Manufacturer's name or identifying trademark, and vessel serial number (or National Board Number, if applicable,) may also be marked directly on the vessel in close proximity to the nameplate attachment. The marking shall be of a visible permanent type that is not detrimental to the vessel, and its location shall be indicated on the Data Report.

(1) If the thickness limitations of UG-118 preclude marking directly on the vessel shell or heads, it may be applied to the skirt, supports, jacket, or other permanent attachment to the vessel.

UG-120 DATA REPORTS

(10) (a)

(a) A Data Report shall be filled out on Form U-1 or Form U-1A by the Manufacturer and shall be signed by the Manufacturer and the Inspector for each pressure vessel marked with the Certification Mark with the U Designator.

(1) Same day production of vessels may be reported on a single Form provided all of the following requirements are met:

(a) vessels must be identical;

(b) vessels must be manufactured for stock or for the same user or his designated agent;

(c) serial numbers must be in uninterrupted sequence; and

(d) the Manufacturer's written Quality Control System includes procedures to control the development, distribution, and retention of the Data Reports.

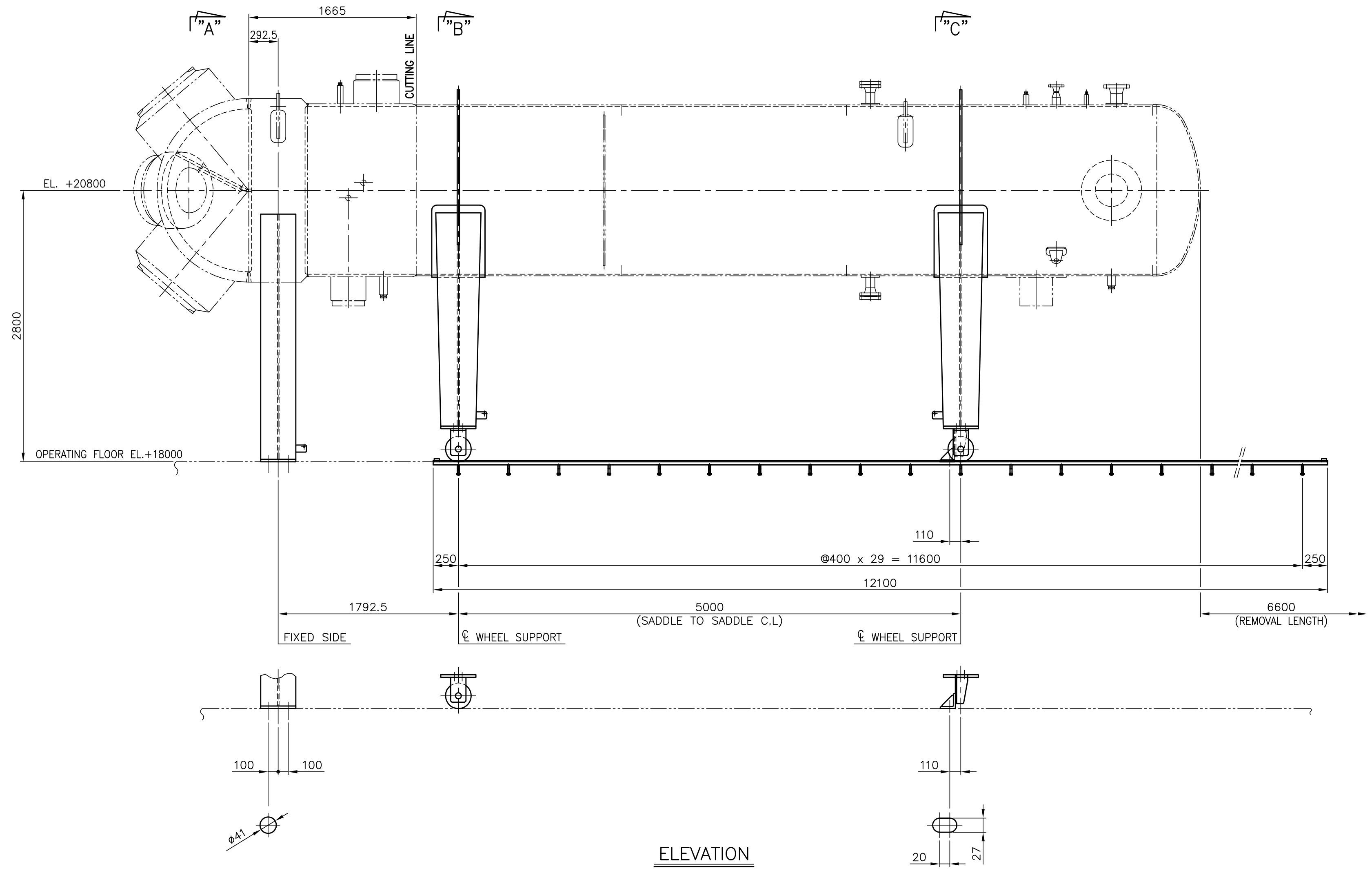
(2) The number of lines on the Data Report used to describe multiple components (e.g., nozzles, shell courses) may be increased or decreased as necessary to provide space to describe each component. If addition of lines used to describe multiple components results in the Data Report exceeding one page, space must be provided for the Manufacturer and Authorized Inspector to initial and date each of the additional pages. Horizontal spacing for information on each line may be altered as necessary. All information must be addressed; however, footnotes described in the remarks block are acceptable, e.g., for multiple cases of "none" or "not applicable."

(3) The Manufacturer shall:

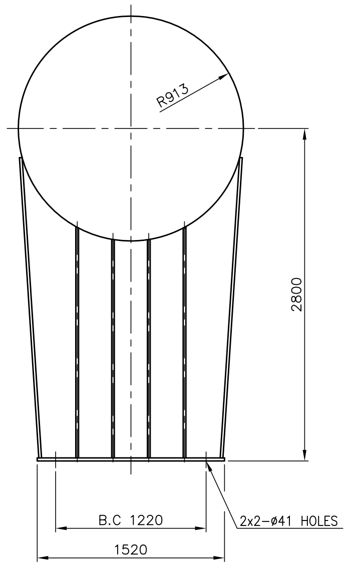
(a) furnish a copy of the Manufacturer's Data Report to the user and, upon request, to the Inspector:

TB2-SDC_VP105-00100-M-M1B-DSW-0712

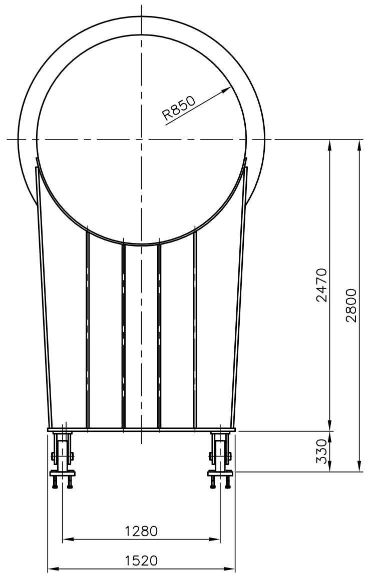
MATERIAL LIST FOR ONE SET							
PART CODE		MATERIAL	FOR ONE SET				REMARK
ITEM	NAME OF PART		Q'TY	SP1	SP2	UNIT	
1	BASE PLATE	SA283-C	2			EA	t30
2	GUIDE PLATE	SA283-C	4			EA	t12
3	GUIDE PLATE	SA283-C	4			EA	t30
4	HEX. BOLT	SA307-B	120			EA	M20 x L80


"A"
"B"
"C"
1665
292.5
CUTTING LINE
EL. +20800
2800
OPERATING FLOOR EL.+18000
110
250
@400 x 29 = 11600
250
12100
1792.5
5000
(SADDLE TO SADDLE C.L)
6600
(REMOVAL LENGTH)
FIXED SIDE
℄ WHEEL SUPPORT
℄ WHEEL SUPPORT
100
100
110
ø41
20
27

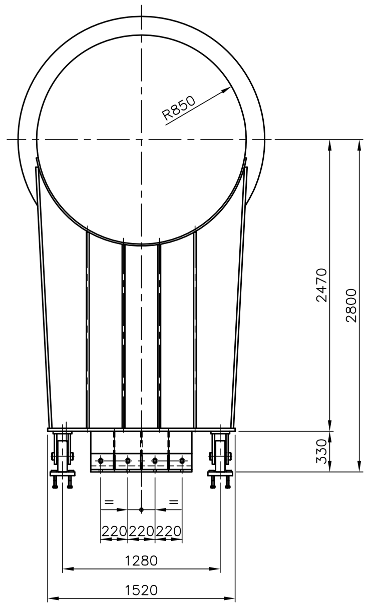
ELEVATION


R913
2800
B.C 1220
2x2-ø41 HOLES
1520

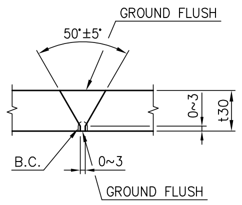
VIEW "A"


R850
2470
2800
330
1280
1520

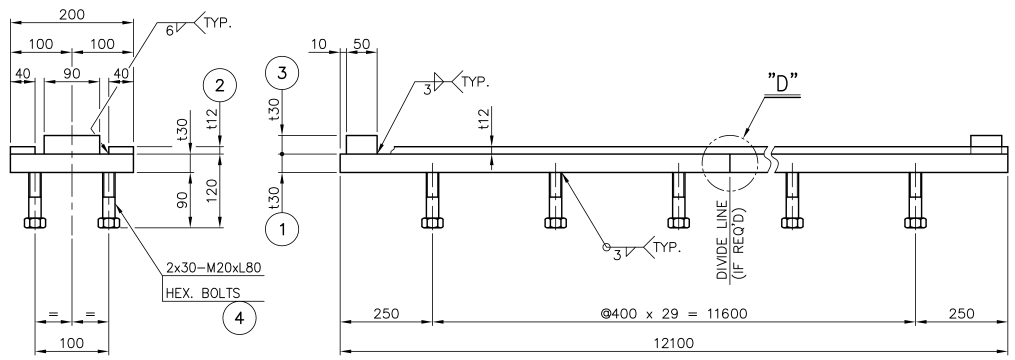
VIEW "B"


R850
2470
2800
330
220
220
220
1280
1520

VIEW "C"


GROUND FLUSH
50°±5°
0~3
t30
B.C.
0~3
GROUND FLUSH

DETAIL OF "D"
(SITE WELDING)


200
100
100
40
90
40
6
TYP.
②
③
t30
t12
t30
90
120
①
2x30-M20xL80
HEX. BOLTS
④
100
10
50
3
TYP.
t12
"D"
3
TYP.
DIVIDE LINE
(IF REQ'D)
250
@400 x 29 = 11600
250
12100

RAIL PLATE & CONC. ANCHOR DETAIL
* RAIL PLATE LENGTH (12100L : 2 SET) PER 1(ONE) SHELL

A S M E CODE STAMPED WORK (U)

FOR APPROVAL

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:

NOTE:

REV	DATE	DESCRIPTION	PREP	CHKD	APRD	APRD
0	24 FEB.2014	FOR FINAL	S.W.E.	H.K.LEE	J.C.YOON	S.S.KIM
C	27 DEC.2013	BY OWNER COMMENT	S.W.E.	H.K.LEE	J.C.YOON	S.S.KIM
B	11 SEP.2013	BY OWNER COMMENT	S.W.E.	H.K.LEE	J.C.YOON	S.S.KIM
A	20 MAY 2013	FOR PRELIMINARY	S.W.E.	H.K.LEE	J.C.YOON	S.S.KIM

OWNER
VIETNAM OIL AND GAS GROUP (PVN)

OWNER'S CONSULTANT
FICHTNER GmbH & Co. KG
FICHTNER
PV POWER PCC

EPC CONTRACTOR
PETROVIETNAM CONSTRUCTION JOINT STOCK CORPORATION (PVC)

EPC CONSTRACTOR'S CONSULTANT
WorleyParsons
WORLEYPARSONS

POWER ISLAND PACKAGE SUPPLIER
sojitz
SOJITZ CORPORATION

DAELIM
DAELIM INDUSTRIAL CO., LTD.

PROJECT TITLE
THAI BINH2 THERMAL POWER PLANT 2 x 600MW 0

DRAWING TITLE
HP FEEDWATER HEATER #6
11LAD10AC006/21LAD10AC006
FOUNDATION DRAWING

SHEET
12/19

VENDOR NAME
WOOYANG HC CO.,LTD

FUNCTION	NAME	SIGN	DATE
DRWN	S.W.E.		24 FEB.2014
CHKD	H.K.LEE		24 FEB.2014
APPD	J.C.YOON		24 FEB.2014
APPD	S.S.KIM		24 FEB.2014

DRAWING NO.	JOB NO.	SCALE	REV.NO.
TB2-SDC.VP105-00100-M-M1B-DSW-0712	110180	N/S	0

FILE NAME TB2-SDC_VP105-00100-M-M1B-DSW-0712

A1 (594mm x 841mm)