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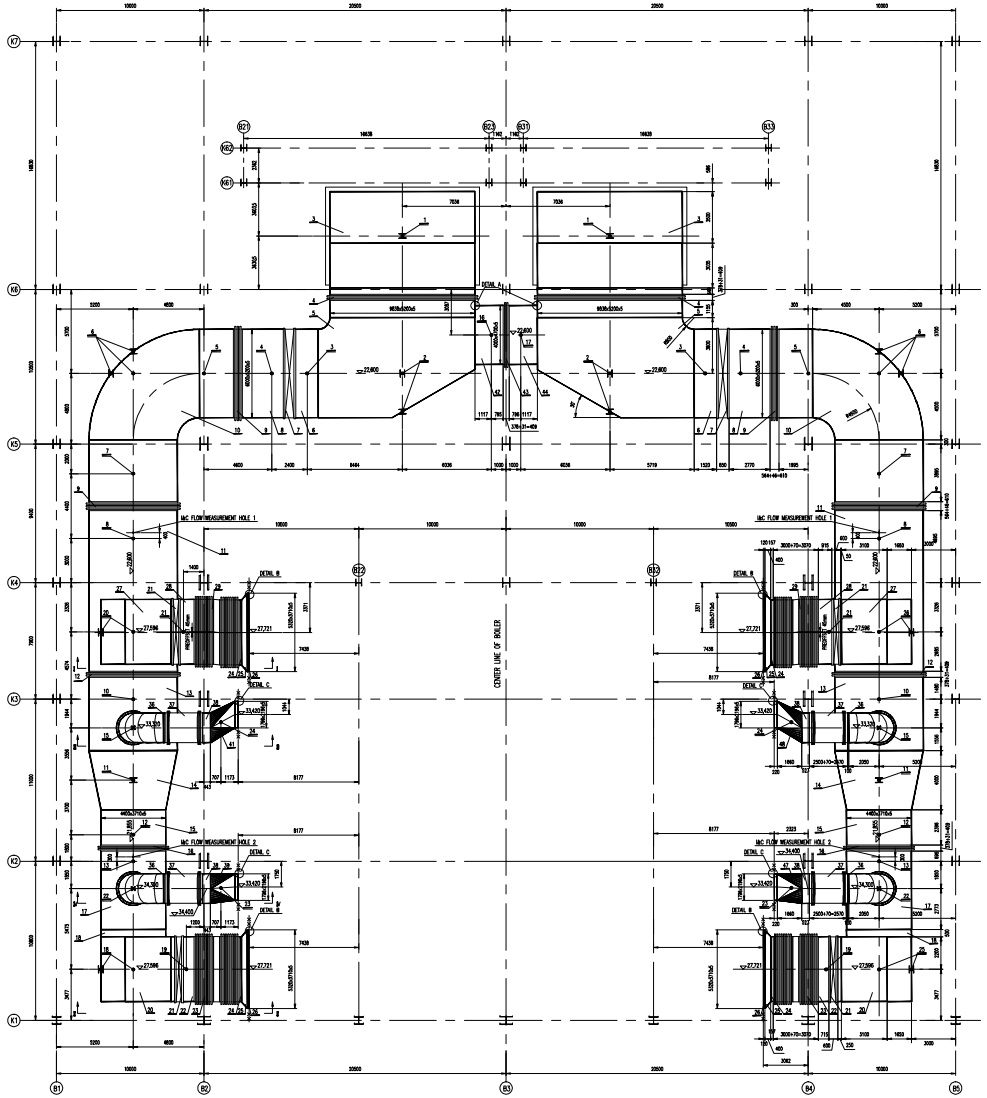
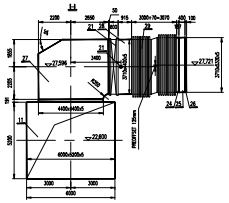
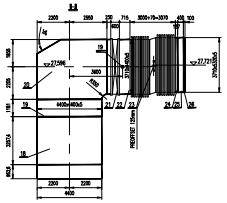
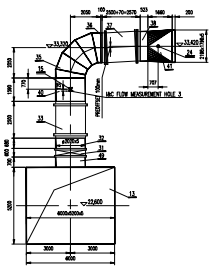
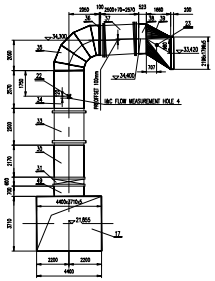
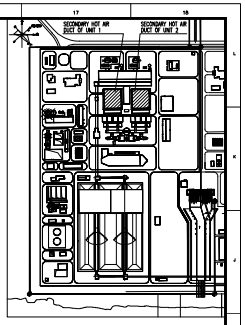






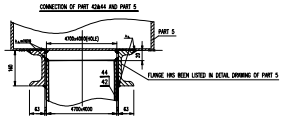




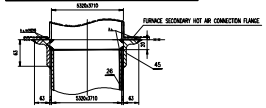


KEY PLANT

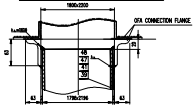
DETAIL A
CONNECTION OF PART 4&44 AND PART 5



DETAIL B
CONNECTION OF SECONDARY HOT AIR DUCT AND FURNCE SECONDARY AIR INTERFACE



DETAIL C
CONNECTION OF SECONDARY HOT AIR DUCT AND DFA INTERFACE



NOTE :

1. DESIGN PRESSURE: -4186Pa, 4051Pa; DESIGN TEMPERATURE:347℃.
2. SYMBOL: ● SLIDING SUPPORT; ▣ GUIDING SUPPORT; ▲ FIXED SUPPORT; -·-·-·- DESIGN BOUNDARY LINE.
3. PARTS LIST OF DUCT IS SHOWN IN F4281S-J0502-500~501, MATERIALS LIST OF SUPPORT&HANGERS IS SHOWN IN F4281S-J0502-504~505, STIFFENER&INNER STRUTS IS SHOWN IN F4281S-J0502-506.
4. BEFORE DAMPER AND COMPENSATOR ARE INSTALLED, THEIR LENGTH MUST BE VERIFIED, IF THE LENGTH IS DIFFERENT FROM THE SIZE IN THIS DRAWING, THE DUCT'S LENGTH CAN BE ADJUSTED AT SITE.WHEN AIR DUCT CONNECTS WITH COMPENSATOR AND DAMPER , AIR DUCT IS INSERTED IN THE COMPENSATOR AND DAMPER 20mm FOR WELDING.THE LENGTH OF DUCT PART HAS INCLUDE THE INSERTED LENGTH.
5. ALL WELD SIZE "K" SHALL BE EQUAL TO MINIMUM THICKNESS OF WELDED PARTS.
6. THE CONNECTIONS OF SECONDARY HOT AIR DUCT AND APH OUTLET, FURNACE INLET REFER DETAIL DRAWINGS A~G.
7. THE ELEVATION SHOWN IN THE DRAWING IS THE OPPOSITE ELEVATION TO OM OF THE MAIN BUILDING.
8. THE LENGTH OF COMPENSATOR SHOWN IN THE DRAWING IS THE LENGTH AFTER PRESTRETCHING.
9. STIFFENER TYPE&SPACING OF CIRCULAR DUCT IS SHOWN IN THE TABLE(ONE ROUND STIFFENER IS WELDED IN THE MIDDLE OF CIRCULAR ELBOW):

DUCT SIZE	STIFFENER TYPE	STIFFENER SPACING
ø2020x5	L50x50x5	2000mm

A	21/05/2013	Wang, Gx	Wang, Guoshun	Pan, Xiaoru	Zhu, Guanglun	FIRST ISSUE
REV.	DATE	DESIGNED BY	CHECKED BY	REVIEWED BY	APPROVED BY	DESCRIPTION

OWNER: VIETNAM ELECTRICITY THERMAL POWER PROJECT MANAGEMENT BOARD 3

CONSULTANT: POWER ENGINEERING CONSULTING JOINT STOCK COMPANY 2

CONTRACTOR: DONGFANG ELECTRIC CORPORATION LIMITED

SUBCONTRACTOR: GUANGDONG ELECTRIC POWER DESIGN INSTITUTE

EVN Ref. No.	DHI/ / / /
DEC Ref. No.	DHI_SDR855_J_0502_201

PROJECT: DUYEN HAI 1 THERMAL POWER PLANT PROJECT

CONTRACT NO.: DHI-30653000

ERECTION DRAWING OF SECONDARY HOT AIR DUCT
PLAN DRAWING OF DUCT

DESIGNED BY :	L. GC	CHECKED BY :	PAUL	SCALE :	1:100
REVIEWED BY :		WANG		DATE :	21/05/2013
APPROVED BY :		ZHU		STATUS :	FOR APPROVAL

DRAWING No. : F4281S-J0502-201

Rev. A