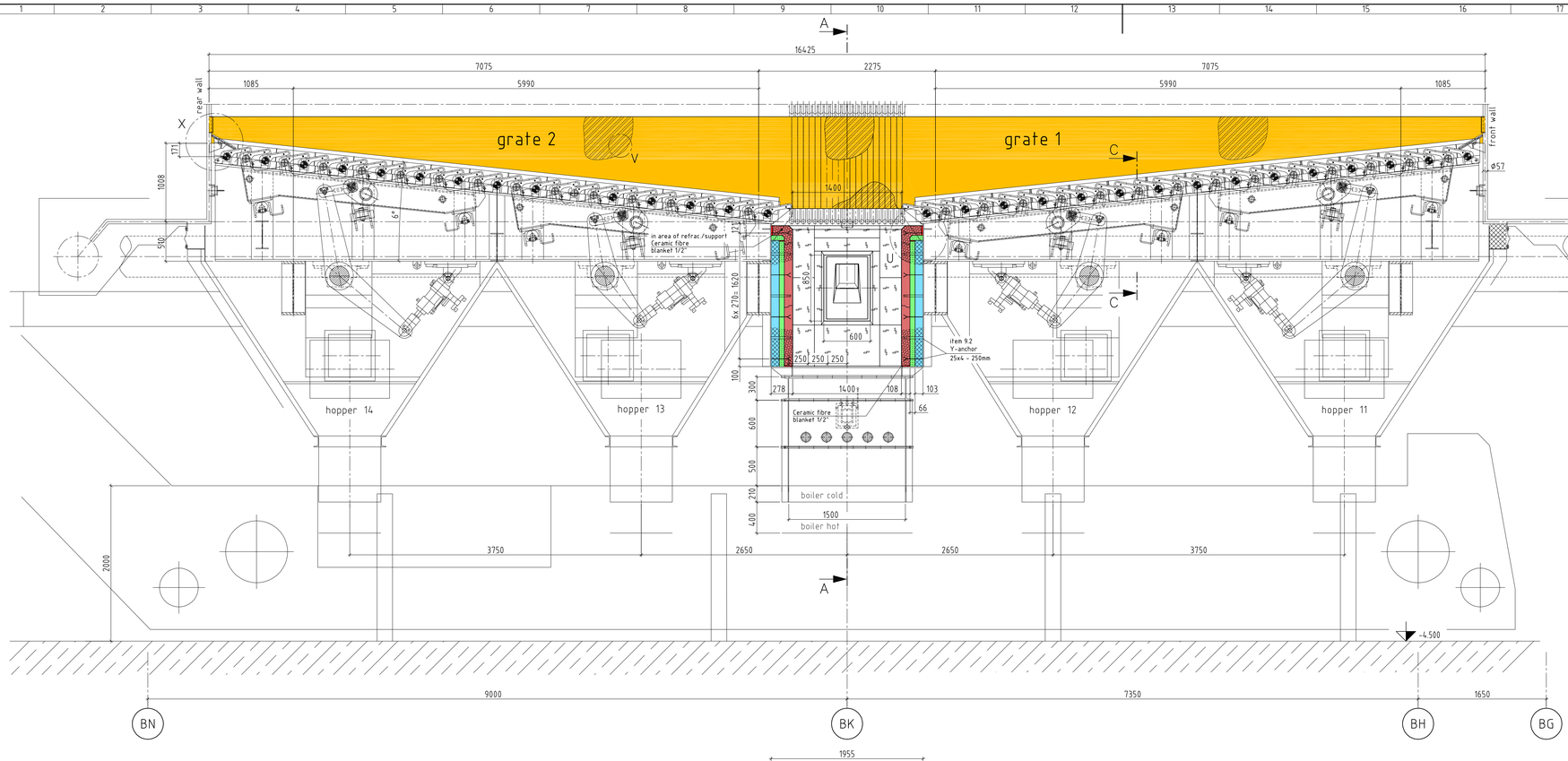

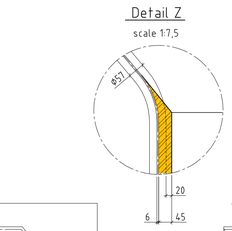

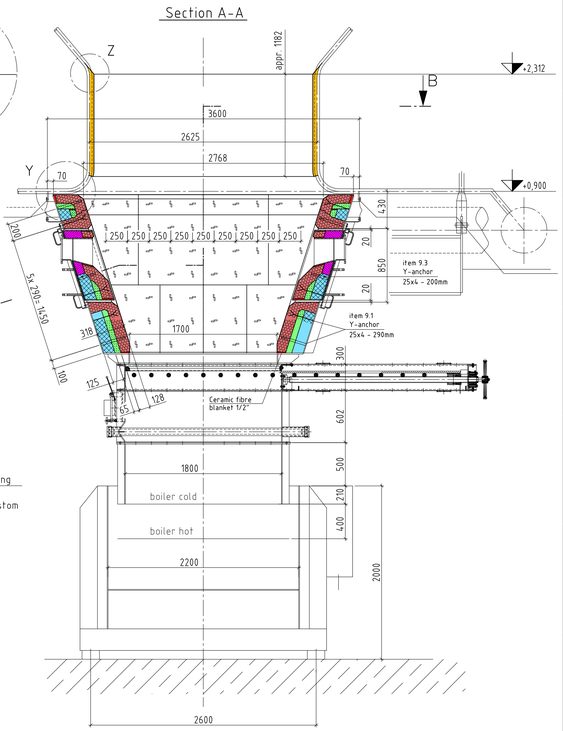

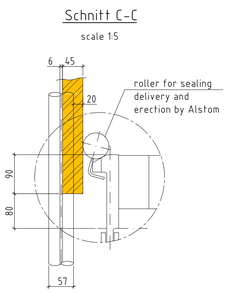

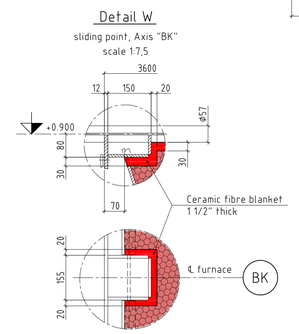

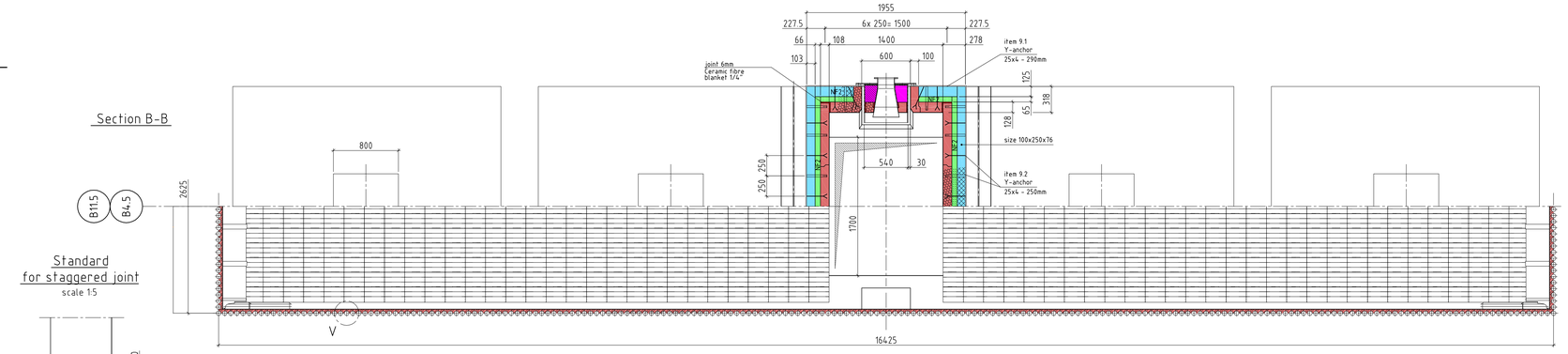

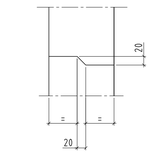

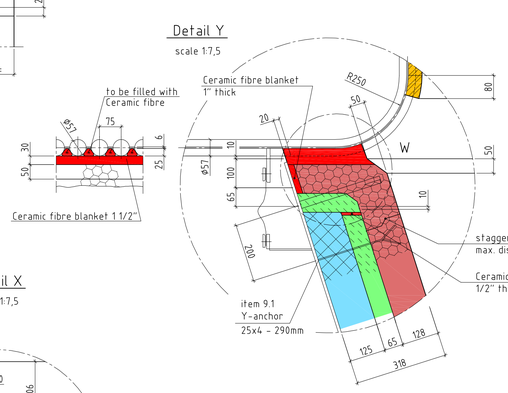

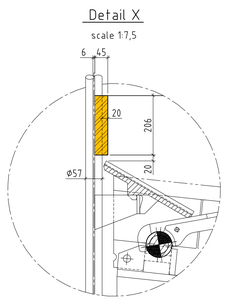

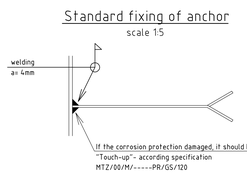

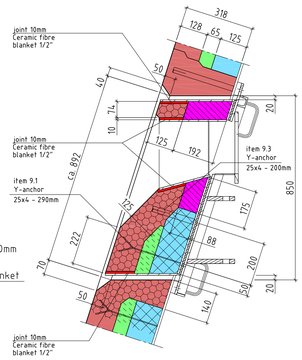

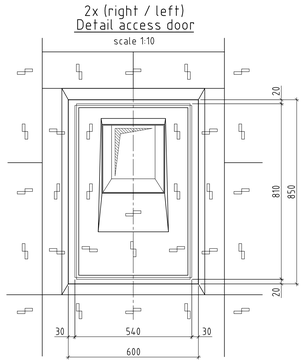

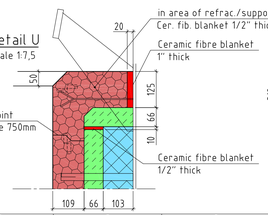

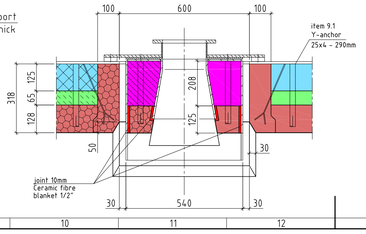

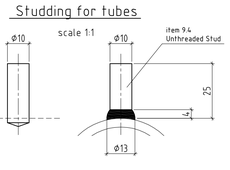

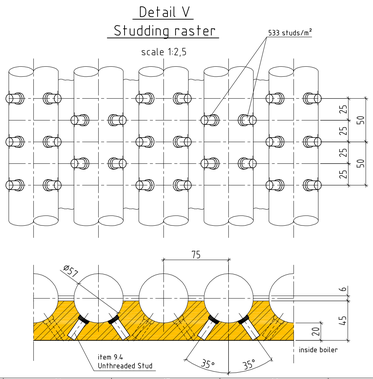

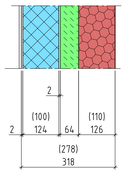

General erection instruction

- Before beginning of refractory working the main dimensions of steel construction should be approved on site.
- Pay attention to expansion joints, keep free of mortar
- Thickness of mortar joints max. 2mm
- All bricks should be lay with all sides of mortar.
- If necessary the bricks should be cut at site.
- Existing gaps of insulation in area of anchor, brackets or edges should be equalised with Lightweight refractory castable
- In area of castable lining the insulation should be provided with a bitumen painting or to be covered with a construction foil.
- The exactly location of anchors should be checked and determined on site.
- After erection of anchors in existing straps, they should be fixed with tack welding.
- The overlap from castable of anchor appr. 25-30mm
- Should be the corrosion protection damaged, the protection should be renew with "Touch-up"- First coating method, according to specification Installation 8-system 8 from ALSTOM.
- All joints in refractory castable should be staggered (Z-joint)
- In area of castable distance of staggered joints are appr. 750 x 750mm
- The exactly location of shuttering fields should be determined on site.

Refractory Concrete	MAT 50 SMG
Refractory Concrete	MAT PLUS 70 SiC
Lightweight refractory castable	MAT 125
Insulation fire brick	JM 23 with mortar: MAC-II
Insulation brick	Isolmos 450 with mortar: MAC-II
Ceramic fibre blanket	1250°C / 128 kg/m3

appertained parts list : 6.1

RELEASED FOR CONSTRUCTION 23.09.08
Drawing valid for Unit 1 and Unit 2

Rev.	Revision Date	Created by	Checked by	Approved by	Description	Status
3	23.09.2008	Giebing	Vake	Blachetta	Date of released for Constuction	Released
2	26.08.2008	Hilgenfeldt	Vake	Blachetta	Released for Constuction the second	Released
1	22.07.2008	Hilgenfeldt	Buchholz	Blachetta	Released for Constuction	Released
0	02.01.2008	Giebing	Vake	Blachetta	First issue	Released

Project (Проект)

Maritza East I Power Station

Company (Дружество)

Space for stamp of Municipality of Galabovo
Място за печат на Община Гълъбово

Space for further stamps
Място за допълнителни печати

Area for Stamp of CQC Control (ОЦ ОКК)
Място за печат ОЦ Control (Инсп. надзор)

ASpace for stamp of authorized Bulgarian Designer
Място за печат на лицензиран български проектант

Main Contractor / Главен изпълнител
ALSTOM
Power Generation AG
Power Boiler GmbH

Partner of Main Contractor / Партньор на главния изпълнител

FOR INFORMATION / PRO INFORMACI

Resp. dept. / Отговорен отдел	Created by / Изготвил	Checked by / Проверил	Approved by / Одобрил	Format / Размер
	Giebing	Vake	Blachetta	A0
Scale / Мащаб: 1:25		Class. no. (e.g. KKS) / Класиране (напр. KKS)	For Company Review & Approval / За одобряване от Възложителя: Yes	
Derived from / Произлиза от	Replaces / Заменя	Doc. Type / Тип на документа: RZG	Document Status / Статус на документа: RIFC	Sub Site No. / Подраздел 1
Logo of Legal Owner / Юридическо собственик		Sub Contractors Doc. Number / Т. на документа на подизпълнителя	Consortium Partner Document Code / Код на документа на партньора от консорциума: 1.48320.00761.0010	
MATHIOS REFRACTORIES S.A.		Title, Subtitle / Заглавие, подзаглавие: Refractory Lining Ash hopper and boiler side wall in area of grade	Project Doc. Number / Т.на проектния документ: MTZ/12/R/-----00761/ES0100	
			Rev.: Pos. 3	Date / Дата: 23.09.2008
			Lang. / Език: EN	Sheet / Страница: 1/1

DOCUMENT STATUS

We reserve all rights in this document and in the information contained herein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. Всички права върху документа и информацията в него са запазени. Възпроизвеждането, използването или разпространяването на трети страни без изрично разрешение е забранено.

freigegeben / released