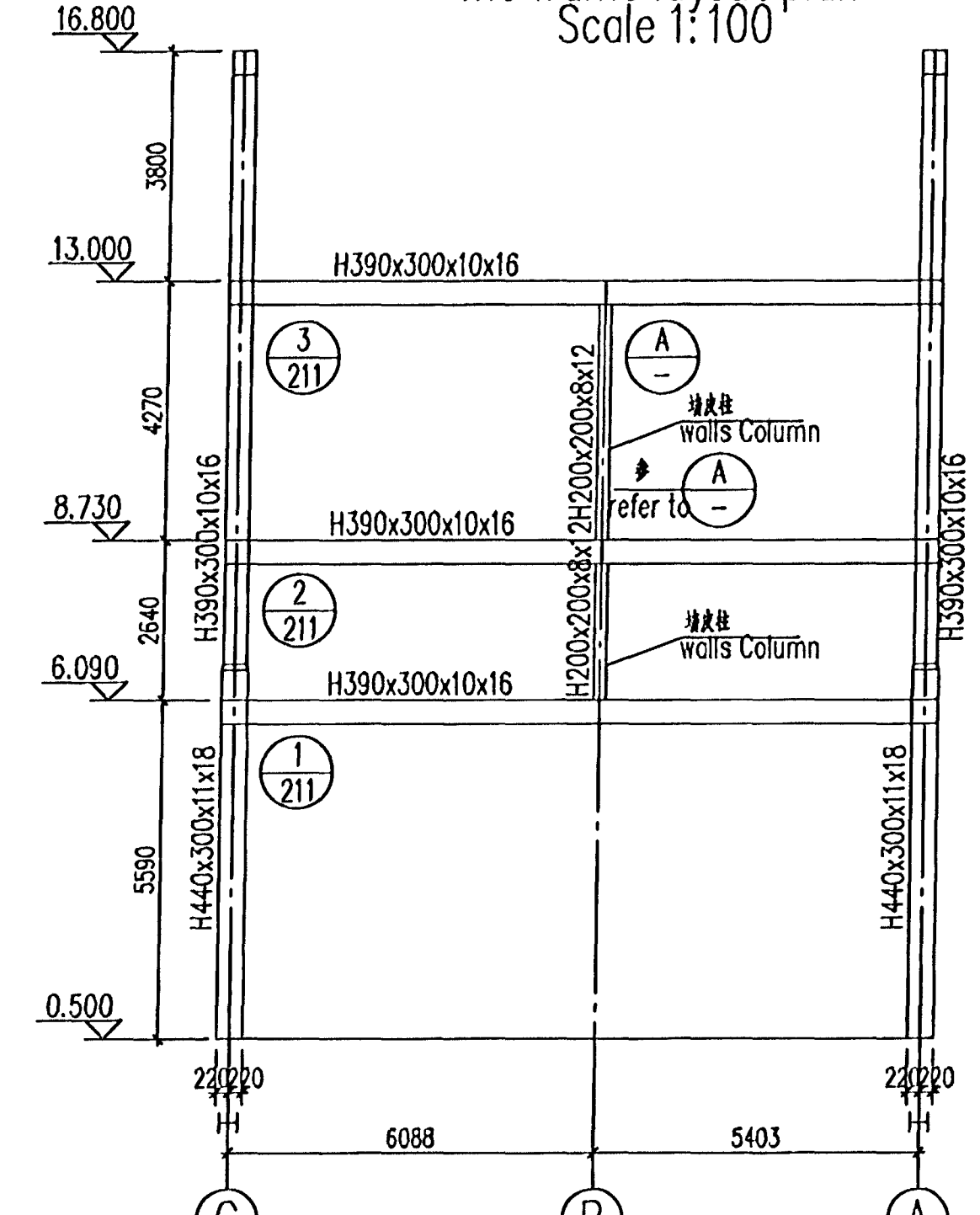
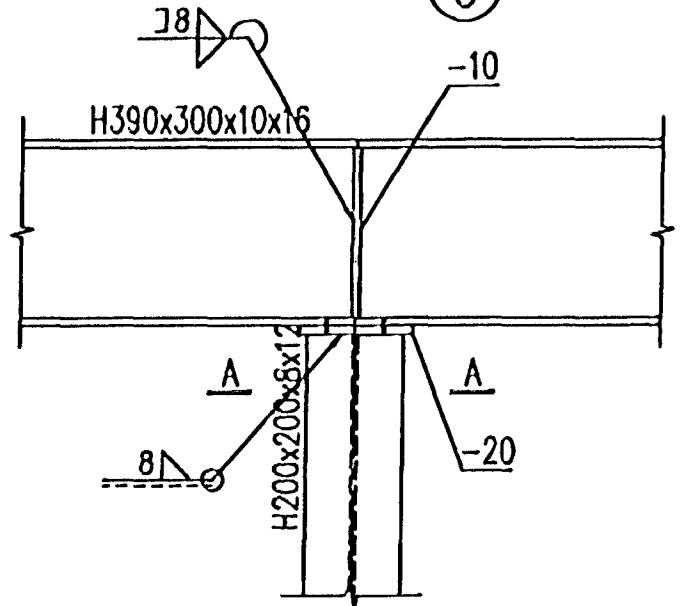


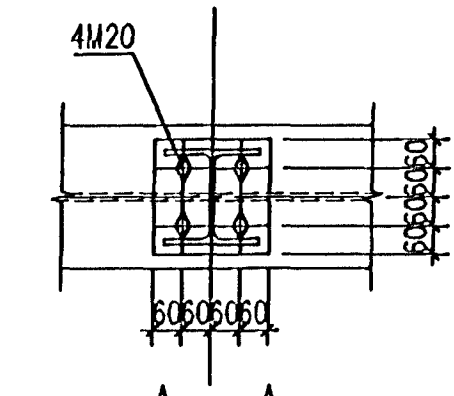
框架平面布置图  
The frame layout plan  
Scale 1:100



KJ-01  
Scale 1:100



Scale 1:15



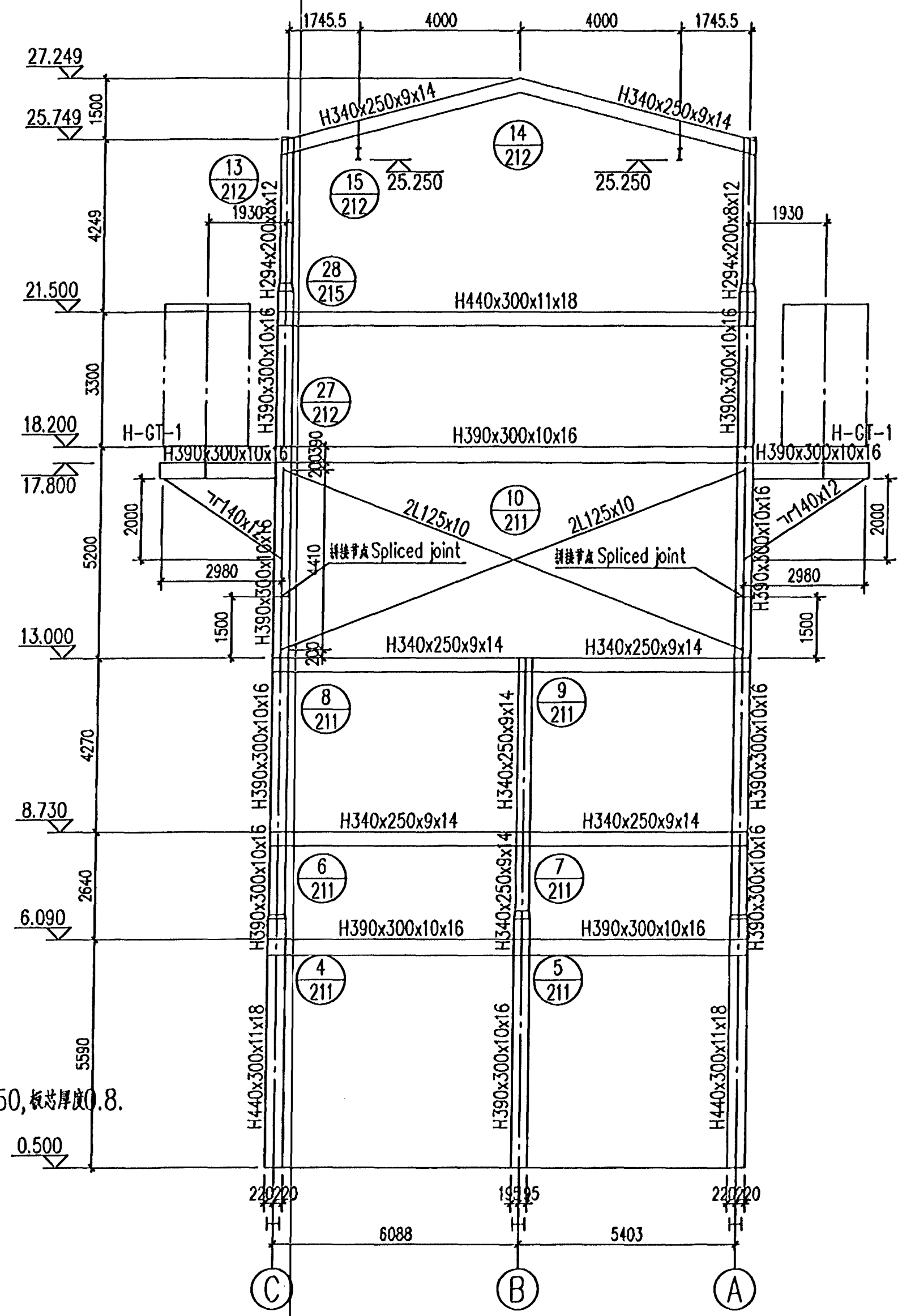
Scale 1:15

钢结构说明

- 1.1 结构钢材: Q345B.
- 1.2 焊条采用美国标准 E70XX
- 1.3 永久螺栓 8.8级
- 1.4 钢结构的防腐等级: 喷砂除锈Sa2.5级
- 1.5 钢结构防腐采用环氧富锌底漆两道, 醇酸面漆两道, 总厚度150um
- 1.6 钢结构的的最小焊脚尺寸为 $f=6\text{mm}$ , 最小焊缝长度 $l_w=120\text{mm}$ . 未注明的永久螺栓M20, 未注明的安装螺栓M16.
- 1.7 螺栓和焊缝的连接图例
- 1.8 钢结构图例 (除另有详图, 本套图中所有的地脚螺栓用下面的方法表示)
- 1.9 钢平台铺板采用花纹钢板(-5), 加劲肋-75x5@600, 当跨度大于1000时加劲肋为-100x6@600(钢板与梁的连接焊缝采用5N100/100, 连接板用-10, 角钢用 100x75x7(螺栓孔开在角钢长肢), 图中已注明者除外).
- 1.10 屋面板选用YX51-38-760, 板厚1.0, 墙皮板选用YX51-250-750, 板厚0.8.

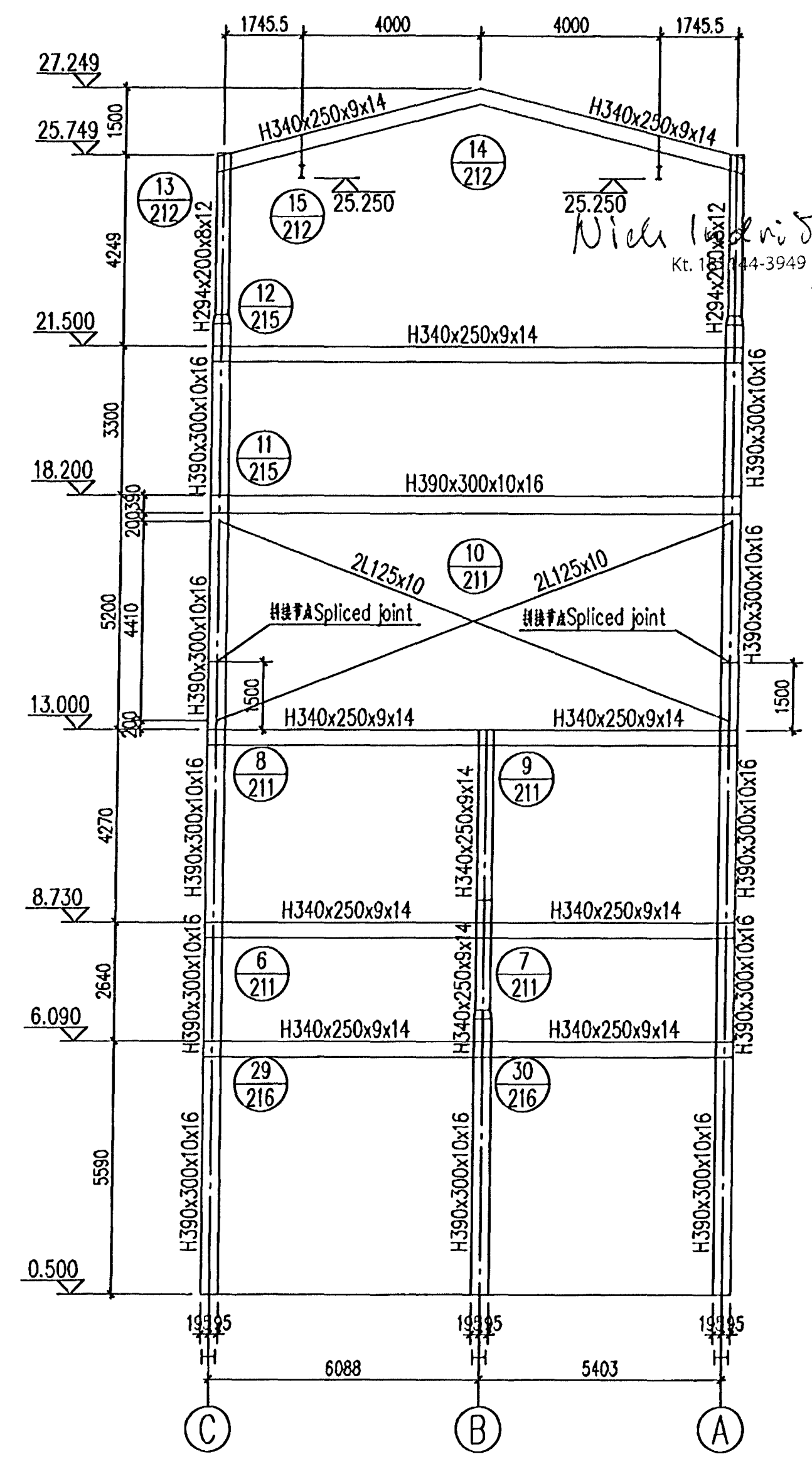
NOTES FOR STEEL STRUCTURE

- 1.1 STRUCTURAL STEEL : Q345B
- 1.2 ELECTROD A.W.S. E70XX
- 1.3 PERMANENT BOLT 8.8s
- 1.4 BLAST CLEANED SURFACE Sa2.5
- 1.5 ONE COAT OF ZINC CHROMATE IRON OXIDE PRIMER AND TWO COATS OF CHLORINATED RUBBER PAINT, TOTAL THICKNESS 150um
- 1.6 THE MINIMUM WELD LEG SIZE OF STEEL STRUCTURE SHALL BE 6mm, THE MINIMUM WELD LENGTH SHALL BE 120mm. UNSPECIFIED PERMANENT BOLT SHALL BE M20. UNSPECIFIED ERECTION BOLT SHALL BE M16.
- 1.7 CONNECTION LEGEND FOR BOLT AND WELD
- 1.8 LEGEND FOR ANCHOR BOLT(UNLESS OTHER DETAILED, ALL ANCHOR BOLTS ARE INDICATED AS FOLLOWING)
- 1.9 THE PLATE SHALL BE STEEL CHECKERED PLATE WITH 5mm THICK; PLATE STIFFER: -75X5@600, PLATE SPAN <1000mm; PLATE STIFFER: -100X6@600, PLATE SPAN >1000mm. THE WELD BETWEEN PLATFORM AND BEAM ADOPTS: GUSSET PLATE THINCKNESS SHALL BE 10mm; ANGLE STEEL SHALL BE L 100X75X7 (BOLT HOLE SHALL BE OPENED ON THE LONG LIMB OF ANGLE STEEL), EXCEPT FOR THOSE ALREADY INDICATED IN THE DRAWINGS.
- 1.10 THE TYPE OF THE ROOF SLAB IS YX51-38-760, THE HEIGHT OF THE CORE SLAB IS 1.0mm. THE TYPE OF THE SIDING IS YX51-250-750, THE HEIGHT OF THE CORE SLAB IS 0.8mm.



KJ-1  
Scale 1:100

永久螺栓		安装螺栓	
高强螺栓		圆形螺栓孔	
围焊缝		相同焊缝	
对接焊缝		剖口焊缝	
角焊缝		现场焊缝	
全熔透焊缝			



KJ-7  
Scale 1:100

Table 1

PERMANENT BOLT		ERECTION BOLT	
HIGH STRENGTH BOLT		CIRCULAR BOLT HOLE	
AROUND FILLET WELD		SAME WELD	
BUTT WELD		GROOVE WELD	
FILLET WELD		IN-SITU WELD	
FULL PENETRATING WELD			

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<input type="checkbox"/> REVISE AND RESUBMIT. WORK MAY PROCEED SUBJECT TO RECONSIDERATION OF CHANGES.	<input type="checkbox"/> CANCELLED / SUPERSEDED.
<input type="checkbox"/> REVISE AND RESUBMIT. WORK MAY NOT PROCEED.	<input type="checkbox"/> FOR INFORMATION.

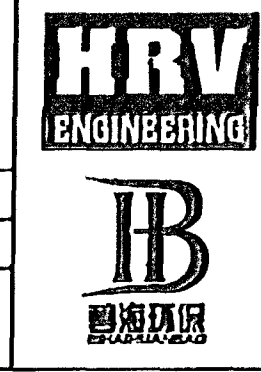
REVIEWED BY: *[Signature]* DATE: 2012/7/5

DOCUMENT No: IPU-432-011-ES-VD-0020-sub02 REV: \_\_\_\_\_

Slg. No.	Issued Date	Revised Date	By	Check	Check Date	Check By
7						
6						
5						
4						
3	2012/3/23		BZC	LOS		
2	2011/10/17		HJ	TYF		
1	2011/08/03		HJ	TYF		

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Scale: 1:100; 1:15  
Dimensions without tolerances according to ISO 2768-M medium.



Designing / Date	8.5.2011
Drawn / Design	HJ
Checked / Supplier	HJ
Reviewed / Supplier	HJ
Approved / Approved	TYF / TYF

IPU-430 Gas Treatment Centers	Project no.:	Block no.:	Sheet no.:
Steel structure			
GC1a-Filter Unit, Plan And Frames KJ-01, KJ-1 And KJ-7	Konstr.-Cont. / Bgmr.-Eqno		
General Layout and Sections	AKS		
<b>RioTinto Alcan</b>	ISAL	ISAL / Orzva. of ISAL	Orzva./Rev
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