INSPECTION REPORT

The undersigned BV surveyors, Jiening Wang acting within the scope of Bureau Veritas General Conditions of Service, were requested by Shanghai Star House Co., Ltd. to witness the test carried out in the manufacturer located in Nanhui, Shanghai, China. Reported the result as follows:

DESCRIPTION:
Model of house container: SH101
Component of test: Single frame structure of end wall (please refer attached drawing)

INSPECTION PERSONNEL:

The test witnessed by Jiening Wang from Bureau Veritas & Mr. Parkman Pan from the manufacturer on Apr 8, 2010.

TEST METHODS:
1. One single end wall frame will be placed on 4 level pads on each corner.
2. A load of 280 Kg was evenly distributed in 1,000 MM x 1,000 MM in the center of the frame structure. Measure the deformation after 5 minutes of loading and recording.
3. Increased the load to 420 Kg even distributed. Measure the deformation after 5 minutes of loading and recording.
4. Remove the load. Measured the deformation & recording.
5. A load of 572 Kg was evenly distributed in 1,000 MM x 1,000 MM in the center of the frame structure, check the condition after 5 minutes of loading,

DEFORMATION BEFORE, DURING & AFTER TEST

Check points	1	2	3	4	5
Before test	0	0	0	0	0
280 Kg	0	0	3	0	24
420 Kg	1	1	4	2	37
Permanent set after test	1	0	2	0	4

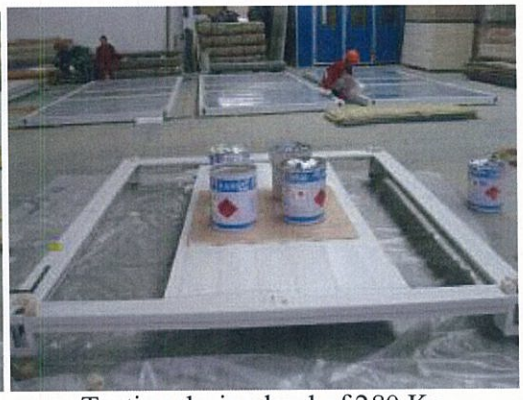
After removal of load 420 Kg, checked the structure, no obvious damages was noted. The end wall was repeated test with a load of 572 Kg & during 5 minutes, then removed load, no obvious damages was found.

PHOTOS:

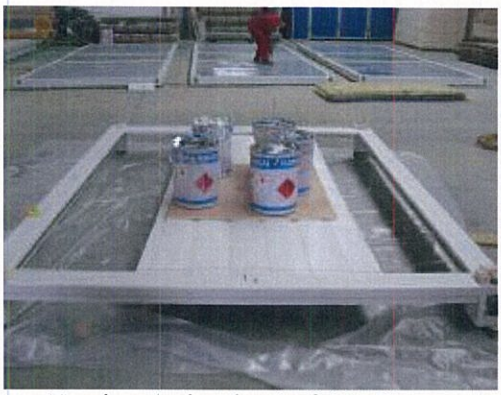
Weight checking (partial photos)

Weight checking (partial photos)

End wall before testing & check points



Testing during load of 280 Kg



Testing during load of 420 Kg.

Testing during load of 572 Kg

End wall after testing

ATTACHMENT

1. Check points of end wall
   End wall tested: Points 1- 5
2. Drawings of components.
   SH101-5400000
   SH101-0400000
   SH101-0300020
   SH101-0200009
3. Calculation of equivalent wind speed supplied by manufacturer.

Attending Surveyor,
Wang Jiening

Calculation of equivalent wind speed

The wind pressure can be approximated by:

Pressure = 1/2 x (density of air) x (wind speed)^ 2 x (shape factor)

Wind speed = $\sqrt{2x(pressure)/(densityofair)x(shapefactor)}$

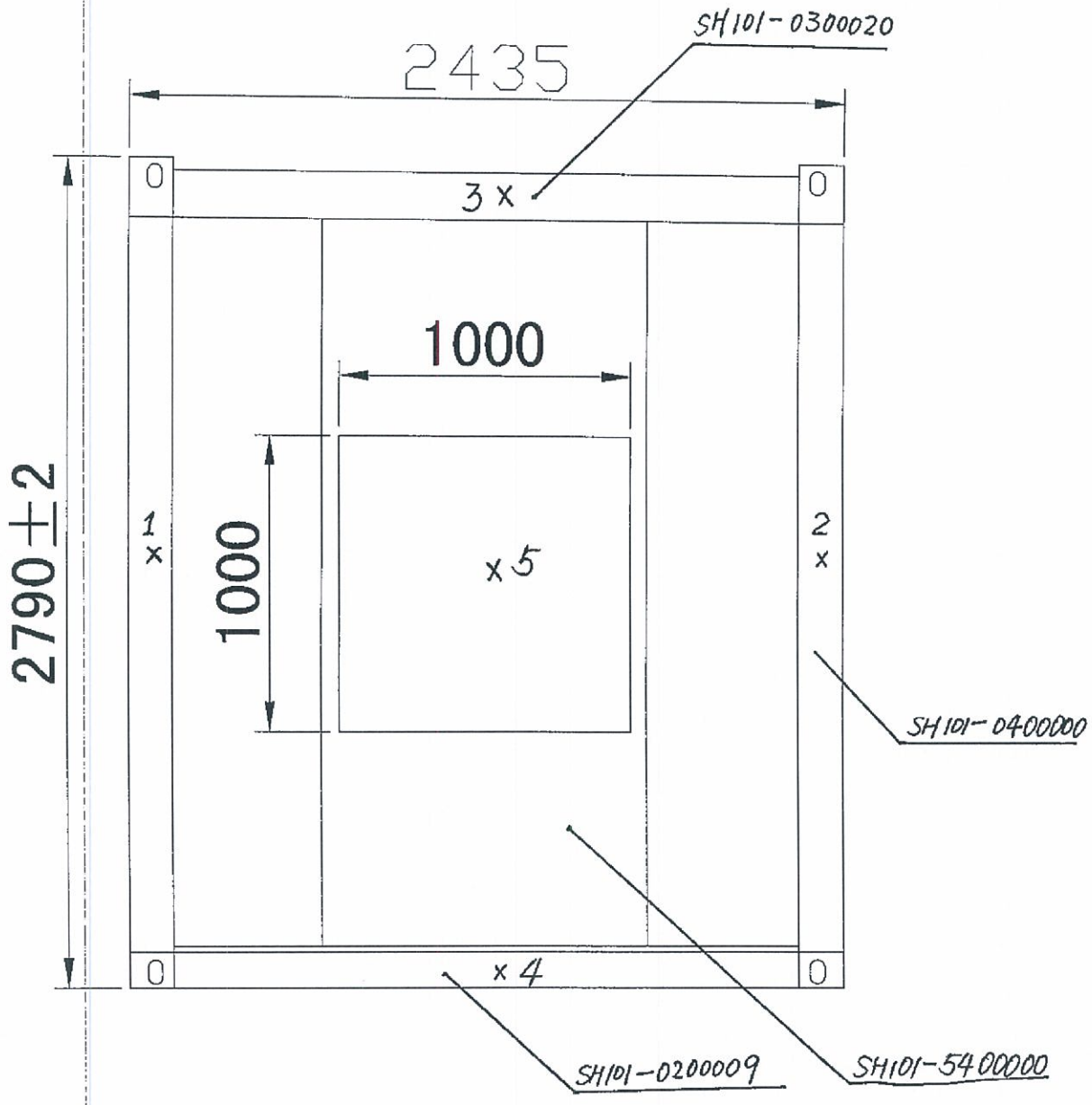
- The density of air is about 1.25 Kg/m^3
- The shape factor μz (drag coefficient) depends on the shape of the body. It has order of magnitude 1 & is dimensionless, a standard value is $\mu z = 1.17$
- The wind speed must be expressed in m/s. In that case, the pressure has units Kg/m/s^2, i.e. N/m^2

So for 280 Kg/m^2 (2746.8 N/m^2) we have:

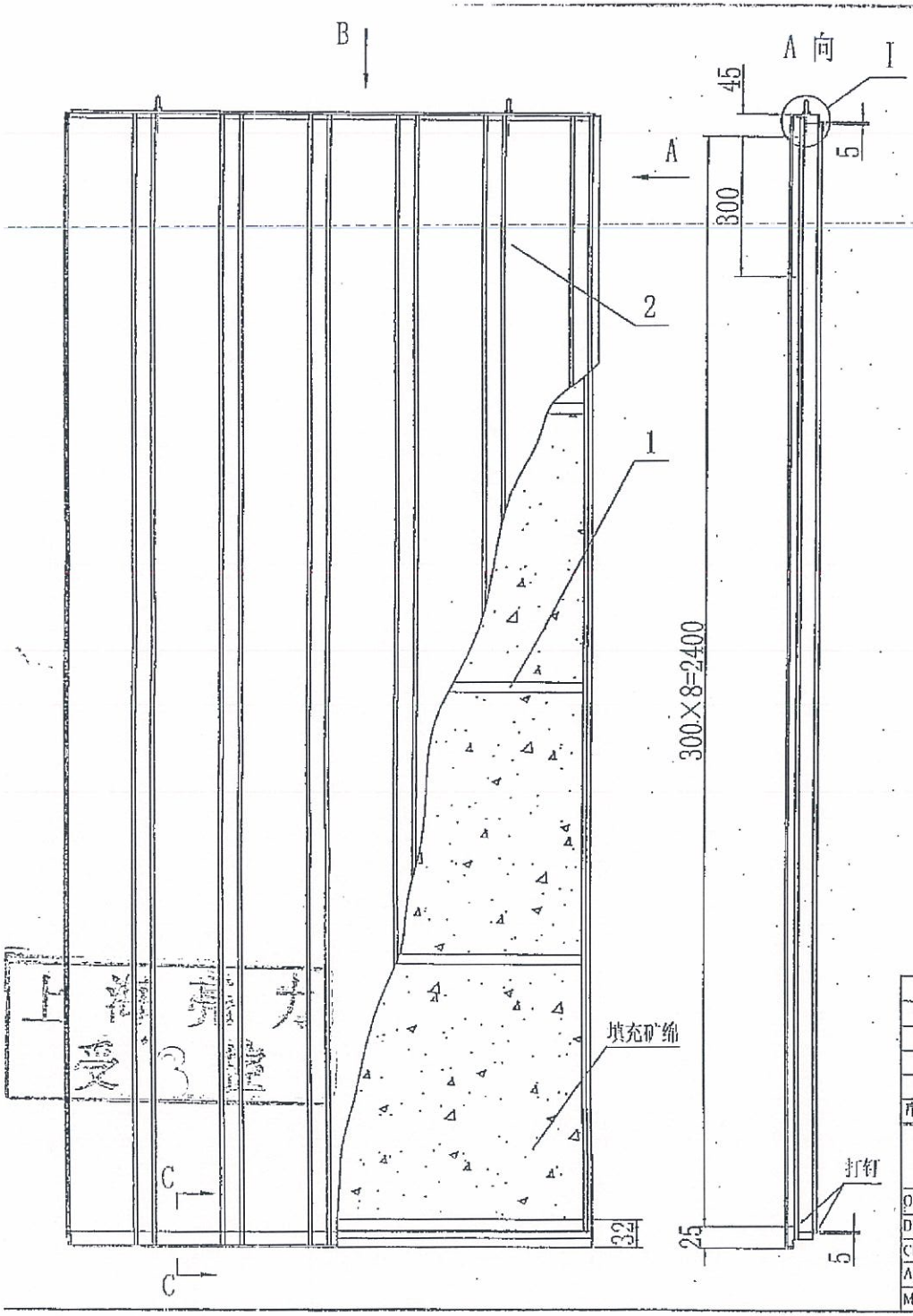
Wind speed = $\sqrt{2x2746.8/(1.25x1.17)}$ = 61 m/s = 220 Km/h

So for 420 Kg/m^2 (4120.2 N/m^2) we have:

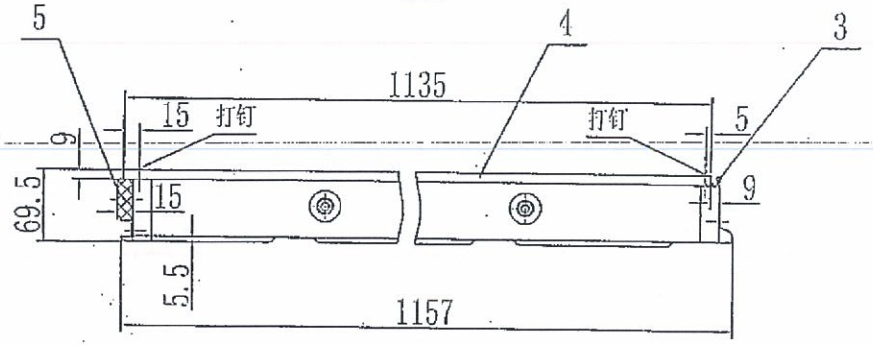
Wind speed = $\sqrt{2x4120.2/(1.25x1.17)}$ = 75 m/s = 270 Km/h



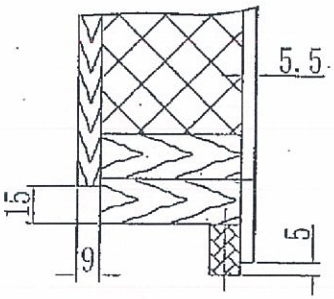
END WALL TESTED



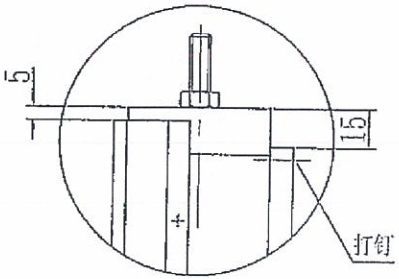
B-B
1:5



C-C
1:2



I
1:2



技术要求：

1、固定内外蒙板前要求在框架的对应位置上打胶，在框架内填充矿物绵。

2、外蒙板在左右两侧打钉固定，内蒙板在正面四周打钉固定。

3、所有打钉处应固定牢靠，不允许高出外平面。

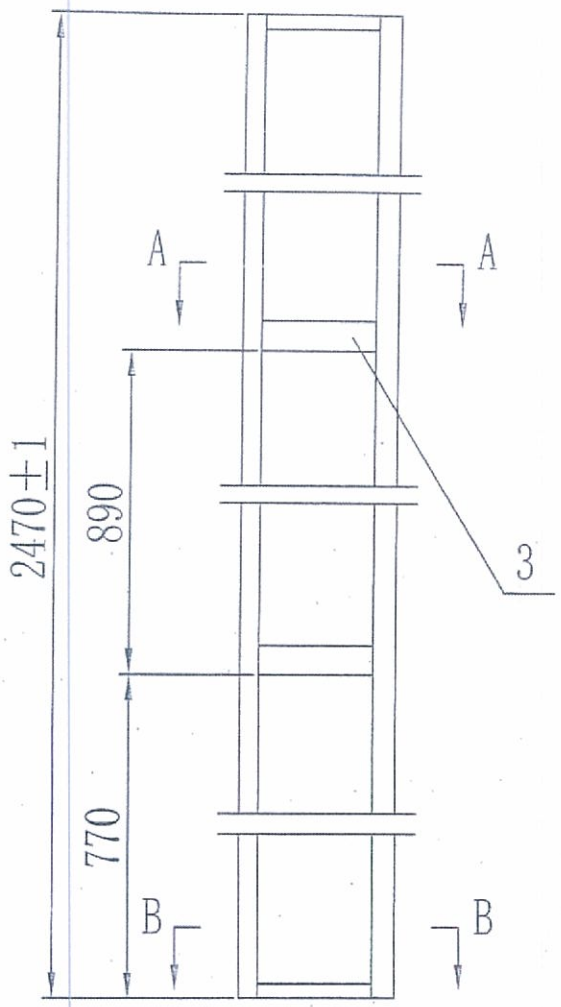
序号	名称	图号	材料及规格	数量	备注
5	侧板侧边密封条	SH101-0500004	海绵/δ=15，40X2470	1	无图
4	侧板内蒙板	SH101-0500003	宝钢板/δ=9，1133X2440	1	无图
3	侧板接缝装饰条A	SH101-0500002	PVC，L=2445	1	
2	侧板外蒙板	SH101-0500001	彩钢板/δ=0.5，瓦楞型L=2480	1	
1	侧板框架总成	SH101-0501000	组件	1	

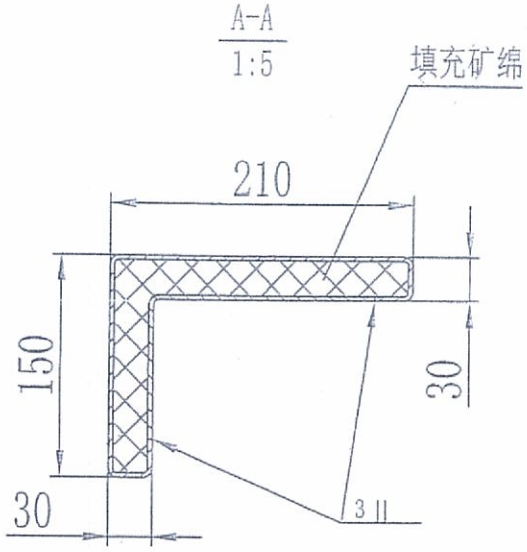
SHANGHAI STAR HOUSE CO. LTD

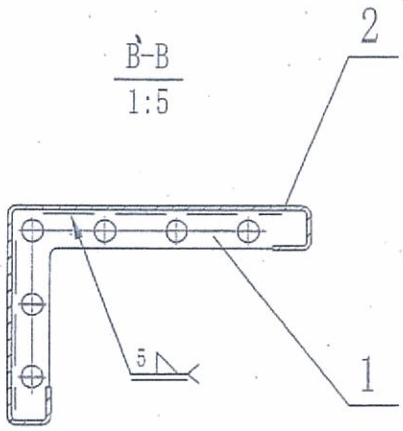
TITLE: 侧板总成

OWNED BY:		SCALE: 1:10	
DESIGNED BY:	2008.4.6	WEIGHT: 40kg	QTY.: 14
CHECKED BY:	2008.4.20	DRAW NO.: SH101-5400000	
APPROVED BY:		ISSUE:	
MATERIAL: 组件			

SH101-0400000







技术要求：

1、所有焊缝采用CO2气体保护焊焊接。

2、所有焊缝不得有虚焊、漏焊、咬边等缺陷。

3、焊后去毛刺，外表面焊缝磨平。

4、喷涂：a镀锌10μm，b环氧底漆25μm，
c外表面面漆75μm，d内面漆35μm。

上海亮力
受3控

序号	名称	图号	材料及规格	数量	备注
3	角柱内衬	SH101-0400003	Q235A/δ=3，板弯件	2	
2	角柱	SH101-0400002	Q235A/δ=3，板弯件	1	
1	角柱连接件	SH101-0400001	ZG35	2	

SHANGHAI STAR HOUSE CO. LTD

TITLE: 角柱总成

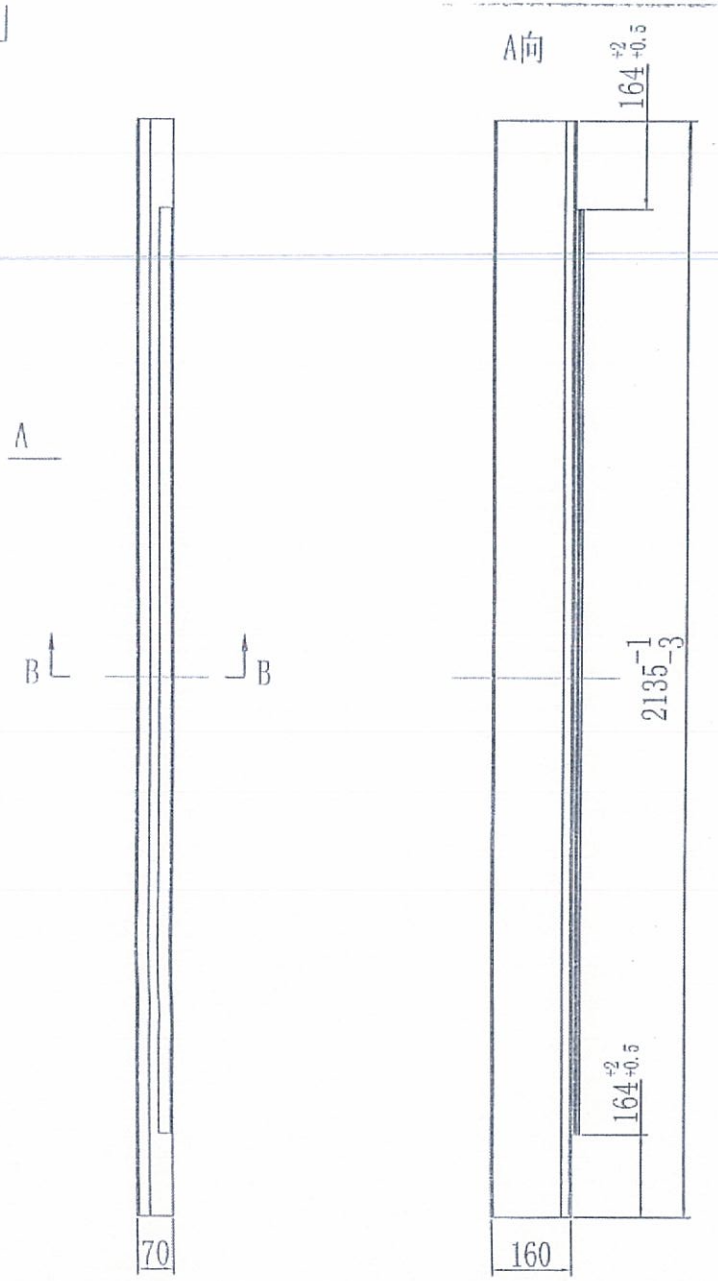
OWNED BY:

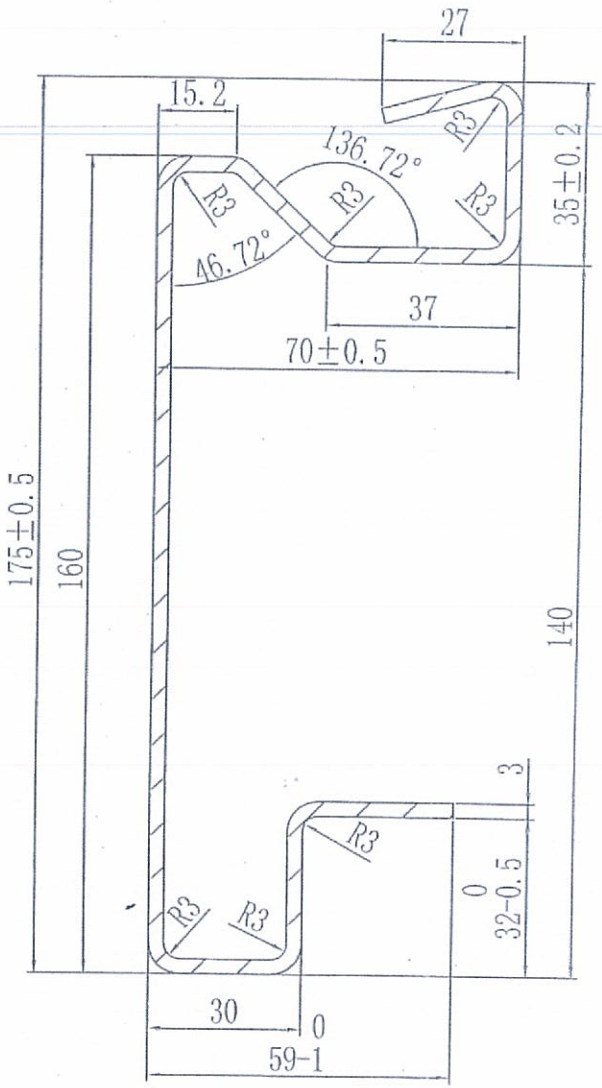
SCALE: 1:10

DESIGNED BY: 2008.4.6

WEIGHT: 30kg

QTY.: 4





技术要求:

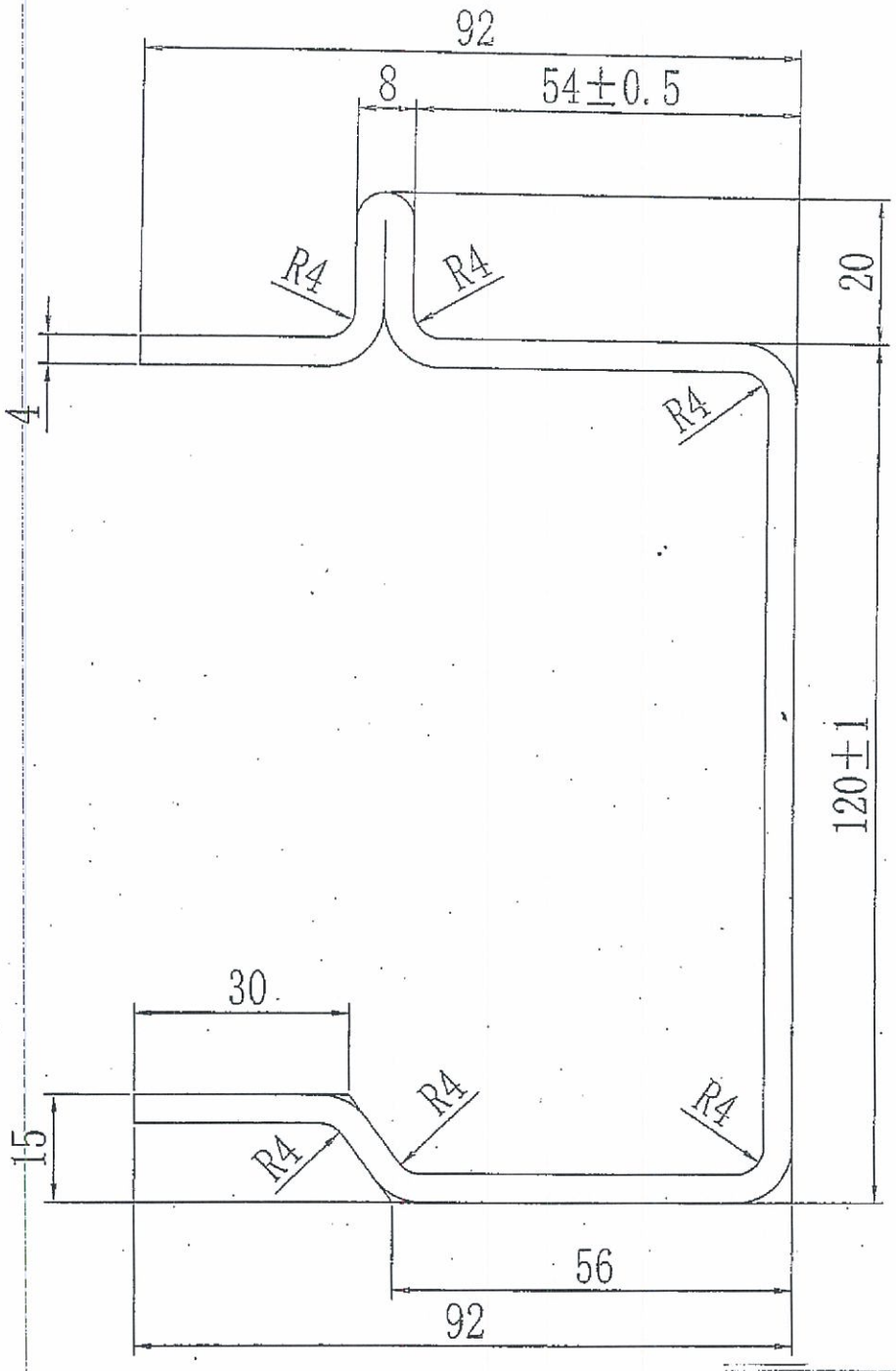
1、直角允许误差±0.5mm。

2、无毛刺。任意1000mm范围内,直线度±1mm。

上海亮力
受3控

SHANGHAI STAR HOUSE CO. LTD		TITLE:	顶框短边梁(二)
OWNED BY:		SCALE:	1:10
DESIGNED BY: 殷慧娟	2008.4.6	WEIGHT: 17.3kg	QTY.: 1
CHECKED BY: 潘新年	2008.4.10	DRAW NO.:	SH101-0300020
APPROVED BY:			
MATERIAL: 钢板Q235A/厚3.0		ISSUE:	

SH101-0200009



上海亮力
受3控

技术要求:

1、直角允许误差±0.5mm。

2、无毛刺，任意1000mm范围内,直线度±1mm。

L=2135 $^{-1}_{-4}$

star house SHANGHAI STAR HOUSE CO. LTD			TITLE: 底框短边梁	
OWNED BY:			SCALE: 1:1	
DESIGNED BY: 夏慧娟	2008.4.6		WEIGHT: 22kg	QTY.: 2
CHECKED BY:				SH101-0200009