

2007 ALMANAC OF ARCHITECTURAL DETAILS

2007 建筑细部年鉴

肖铭 主编



华中科技大学出版社

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Preface

Archiworld Co., Ltd. publishes Monthly Archiworld, Interior World, Bimonthly PA (ProArchitect) and IA(Interior Architect). We have exerted our best efforts to establish identity and create a leading journalism culture in the field of architecture and interior design by concentrating on the introduction and analysis of contemporary architecture and interior design.

Now we present *Detail Annual* series, feeling keenly the necessity of collecting detail materials such as drawing which is final solution visualized through several stages of conceptualization process in architecture design.

Detail Annual series aims to provide architects, other related persons and students with increased understanding as well as the construction, structure, plan, elevation and section of a particular area.

Detail Annual is about 30 projects with strikingly well treated details presented. Furthermore, I hope that through these book, architects could deepen their understanding about space and form brand new creative ideas. Anyway, it's my pleasure if you can get useful information and keen insight about the current architecture details from these books.

In conclusion, I'd like to express my heartfelt thanks to many architects and building owners for providing good materials and helping us take photographs.

Also, I will do my best to act up to readers' expectation with good contents and edition. I would appreciate your continuous attention and advice. Thank you.

Publisher **Jeong, Kwang young**

前 言

建筑世界有限公司出版发行单月刊《建筑世界》和《室内世界》，以及双月刊《职业建筑师》和《室内建筑师》。借助于期刊对当今建筑和室内设计现状的分析和介绍，我们正尽最大的努力确立我们自己在建筑和室内设计领域中的身份，并且创立一种报纸杂志行业领先的文化。

目前，我们推出了《建筑细部年鉴》系列，因此迫切需要收集一些细节资料，例如在建筑设计中通过很多概念化的思考而得出的最终结果详图等。

《建筑细部年鉴》系列旨在加深建筑师以及相关人员对建筑业的理解，同时提供特殊区域的建设方案、结构设计、平面图、立体图以及剖面图等。

《建筑细部年鉴》为大家呈现了约 30 个工程项目详细的设计方案。我们希望建筑师通过对这些知识的学习，加深对空间概念的理解，激发起新的思维。如果《建筑细部年鉴》系列能够为大家提供有益的信息，并且能激发人们对于当前建筑细节敏锐问题的洞察力的话，那将是我们莫大的荣幸。

最后，我想对我们的建筑师和业主们致以最诚挚的感谢，是你们为我们提供了优秀的素材，并且协助我们较好地完成了拍摄工作。我将尽我们最大的努力来满足读者对于《建筑细部年鉴》系列丛书内容和版本的需求。对大家的建议和关注，我们表示衷心的感谢！

出版者：Jeong, Kwang young

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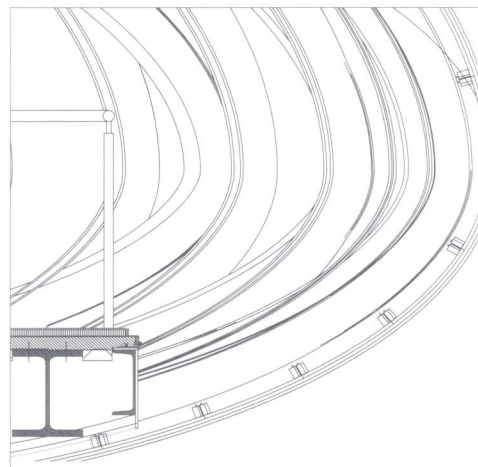
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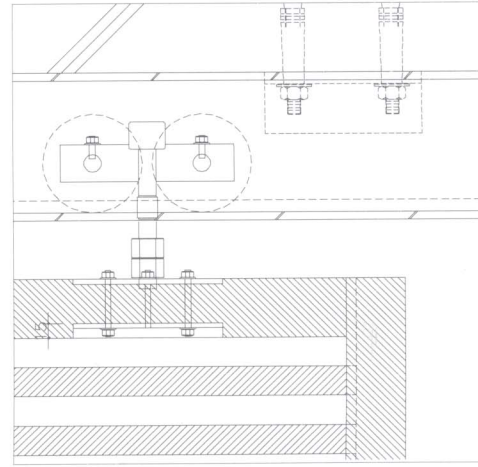
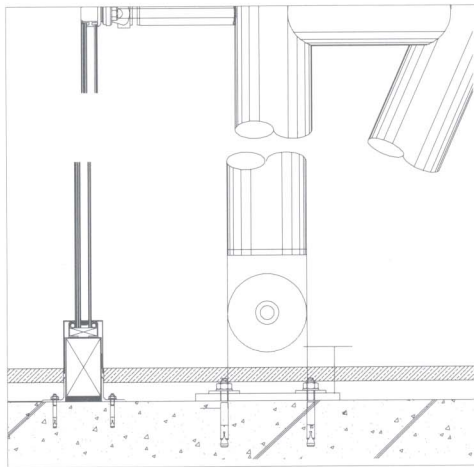
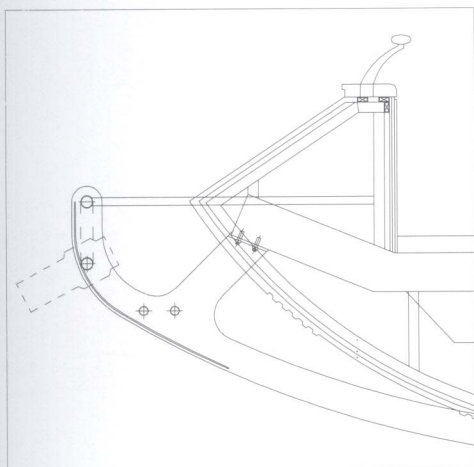


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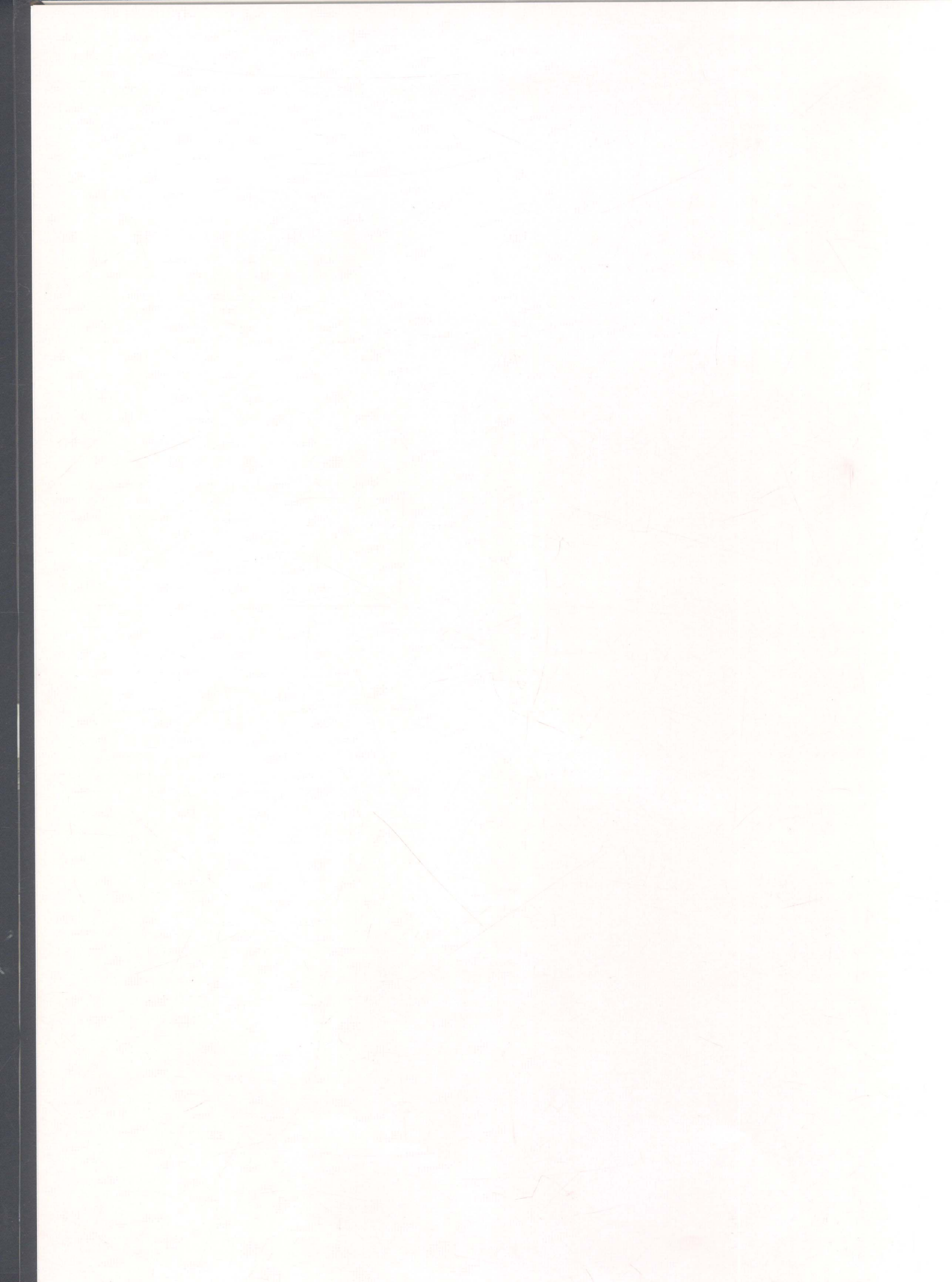
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Commerce Facilities

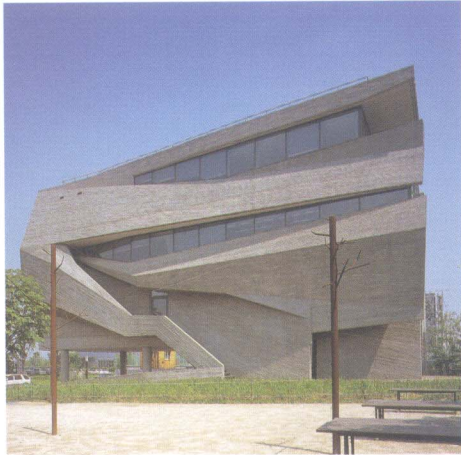
House of Open Books
Research & Multimedia Center — Grappa Nardini
Sallim Publishing Company
Publicis Drugstore
Naos Nova
Galleria Hall West
Selfridges
Tram Waiting Hall
Baggage Sorting, Zurich Airport

商业建筑

开放书籍式建筑
研究和多媒体中心—— Grappa Nardini
萨利姆 (Sallim) 出版社
大众 (Publicis) 药局
内殿诺娃 (Naos Nova)
加洛瑞尔 (Galleria) 西部商场
塞尔弗里奇 (Selfridges)
电车候车大厅
苏黎世机场——行李分存厅

House of Open Books

开放书籍式建筑



The building is located in Paju Book City, type of which was given namely “Bookshelf Type”, of which the enclosed bar spaces are to be layered with voids in between. From the Hankang River on one side to the Simhak Mountain on the other, each bar building is organized through folding walls to produce continuous perception and circulation. Yet bar buildings contain different kinds of artificial landscapes to produce connection; of them, fold translucent glass screen is located in the center of the building where light penetrates as one moves through.

这栋建筑位于Paju书城，那些封闭的章节空间是中空的，这种建筑模式被称为“书架模式”。从Hankang河的一边到Simhak山的一边，每个条形建筑都是通过折叠墙来组织，以获得感知的连续性和循环性。然而条形建筑之间采用了不同的人工景观，以实现它们之间的连接。其中折叠式半透明的玻璃屏幕，位于大楼中心；当人们进入时能够感受到光线的透射。

Architect : Architecture studio Himma / Kim Jun sung, Suh Hai Lim

Location : Paju, Korea

Building area : 727.21m²

Stories : B1, 4FL

Structure : Reinforced concrete, steel

Ext. finish : Aluminium curtain wall,

Wood deck, Exposed concrete,

Transparent & translucent pair glass

建筑师：Himma 建筑工作室 / Kim Jun sung, Suh Hai Lim

地点：韩国·坡州

建筑面积：727.21m²

楼层：地下一层，地上四层

结构：钢筋混凝土，钢

室外装修：铝幕墙，木甲板，露石混凝土，

半透明和透明双层玻璃



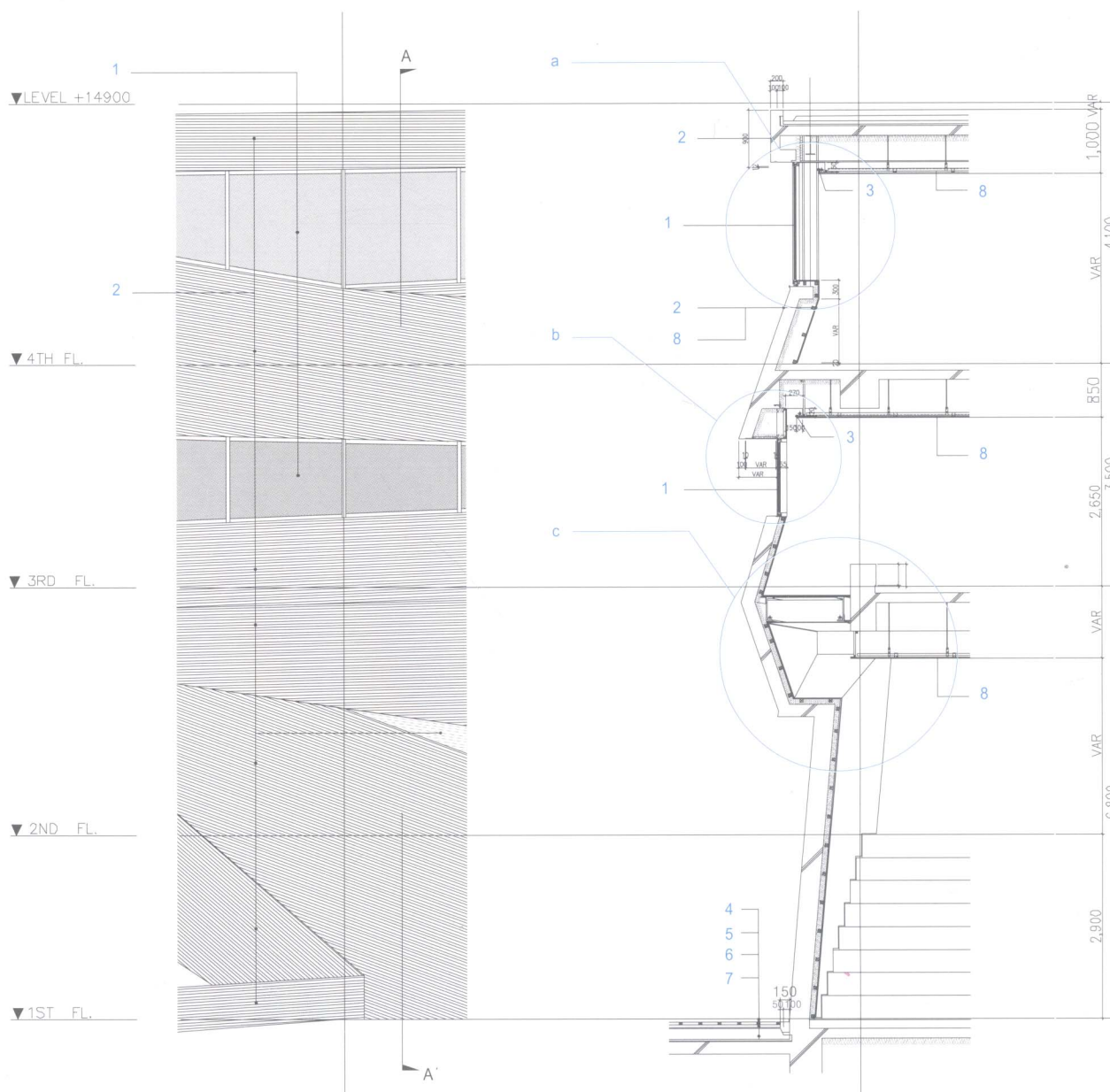


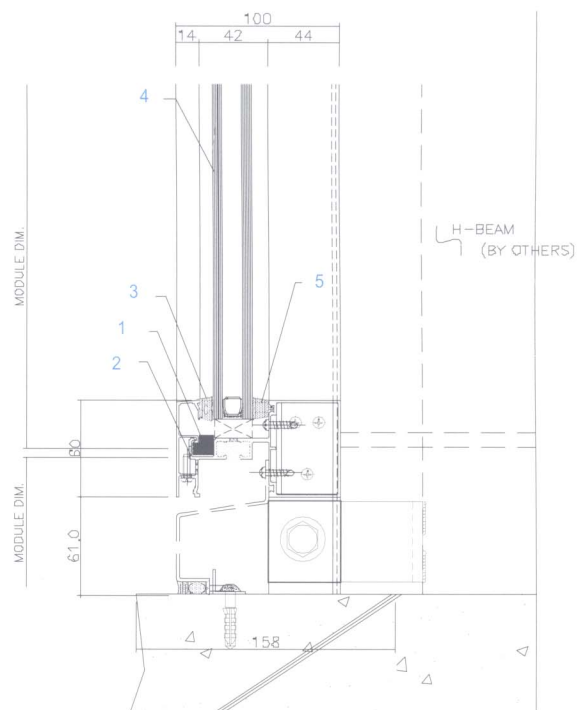
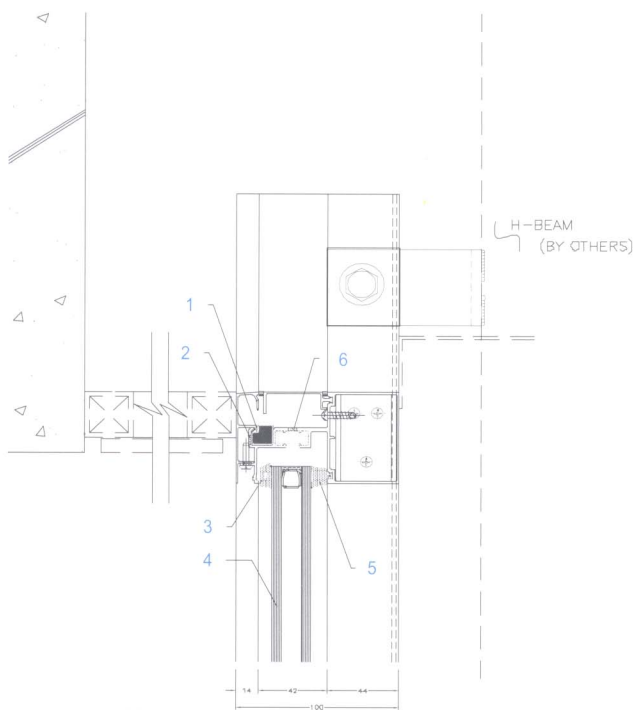
Exterior wall part elevation & section detail-1

1. 24 mm transparent pair glass
2. pine board-exposed concrete / seal twice
3. 1.6 mm steel sheet / appointment color fluorine resin coating
4. □ – 30 × 45 mm merbau / appointment color oil staining twice
5. joist □ – 50 × 40@300 mm merbau besides miscellaneous wood
6. yoke □ – 75 × 45@1 200 mm merbau besides miscellaneous wood
7. 190 mm plain concrete(#8 – 150 × 150 W. M.)
8. 9 mm gypsum board with 2folds / puttying after appointment color water paint

外墙部分立面图和剖面详图-1

1. 24 mm 厚透明双层玻璃
2. 松木板—露石混凝土 / 先密封 2 次
3. 1.6 mm 厚钢板 / 指定颜色进行氟树脂涂装
4. □ - 30 × 45 mm 茛茄木板 / 指定颜色油性着色 2 次
5. 托梁□ - 50 × 40, 间距 300 mm 茛茄木板, 伴有混色木头
6. 軀□ - 75 × 45, 间距 1 200 mm, 茛茄木板, 伴有混色木头
7. 190 mm 素混凝土(#8—150 × 150 W. M.)
8. 9 mm 双面石膏板 / 指定水性涂料后进行油灰接合





detail a 详图 a

detail a

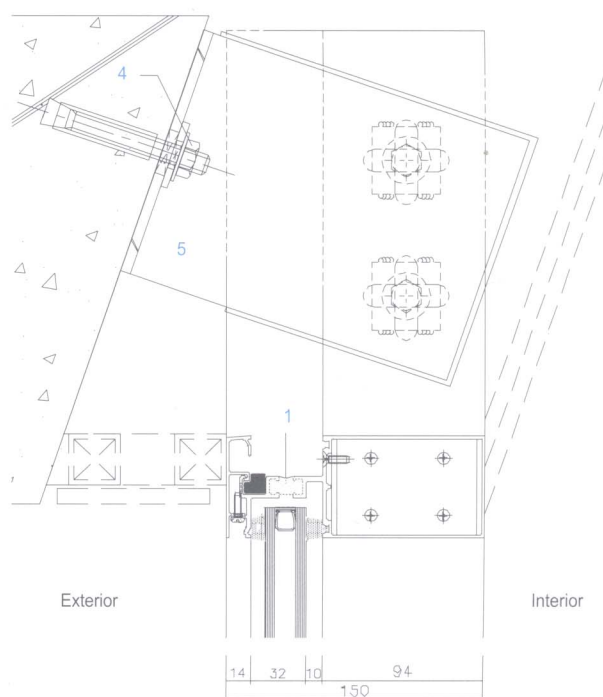
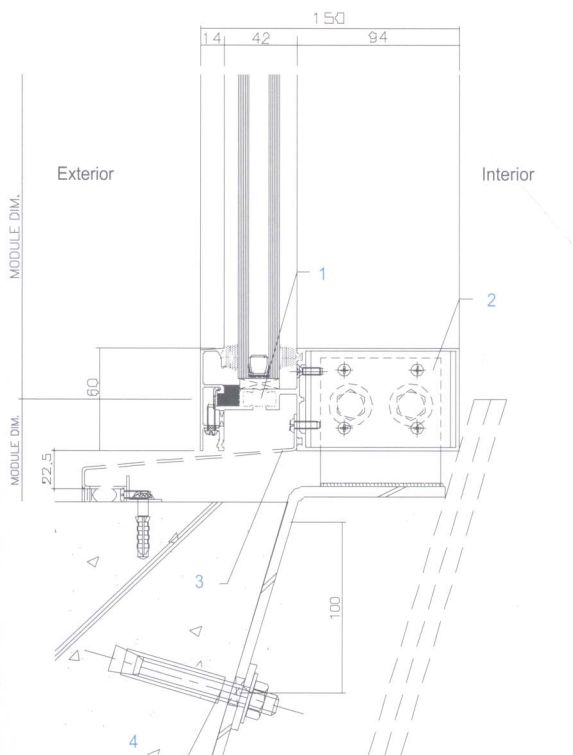
- | | |
|--|--|
| 1. open cell baffle sponge @ 1/4 point (2EA) | 1. 开口缓冲海绵, 间距 1/4(2套) |
| 2. weeping hole @ 1/4 point(2EA) $\varnothing 6 \times 20$ (LG) mm | 2. 渗流洞, 间距 1/4(2套) $\varnothing 6 \times 20$ (LG) mm |
| 3. santoprene glazing wedge gasket | 3. santoprene 胶条楔形衬垫圈 |
| 4. 24 mm pair glass | 4. 24 mm 厚双层玻璃 |
| 5. santoprene glazing gasket | 5. santoprene 胶条垫圈 |
| 6. poly-urethane thermal break | 6. 多聚氨酯隔热带 |

详图 a

detail b

- | | |
|--|---------------------------------|
| 1. poly-urethane thermal break | 1. 多聚氨酯隔热带 |
| 2. 55 x 36 x 3(t) mm steel angle | 2. 55 x 36 x 3(t) mm 角钢 |
| 3. 2 mm aluminium sheet | 3. 2 mm 厚铝板 |
| 4. M12 set anchor 2nos | 4. 外径 12 mm 锚栓 2个 |
| 5. 200 x 80 x 6 x 150(LG) mm steel angle | 5. 200 x 80 x 6 x 150(LG) mm 角钢 |

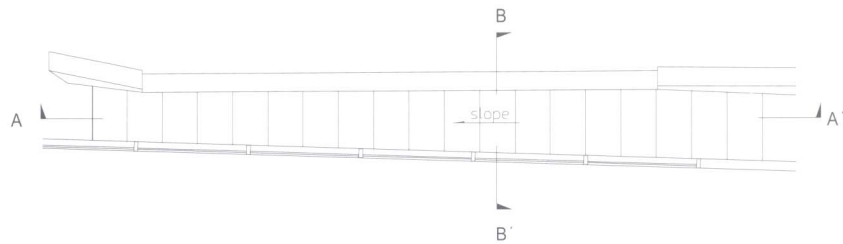
详图 b



detail b 详图 b

detail c

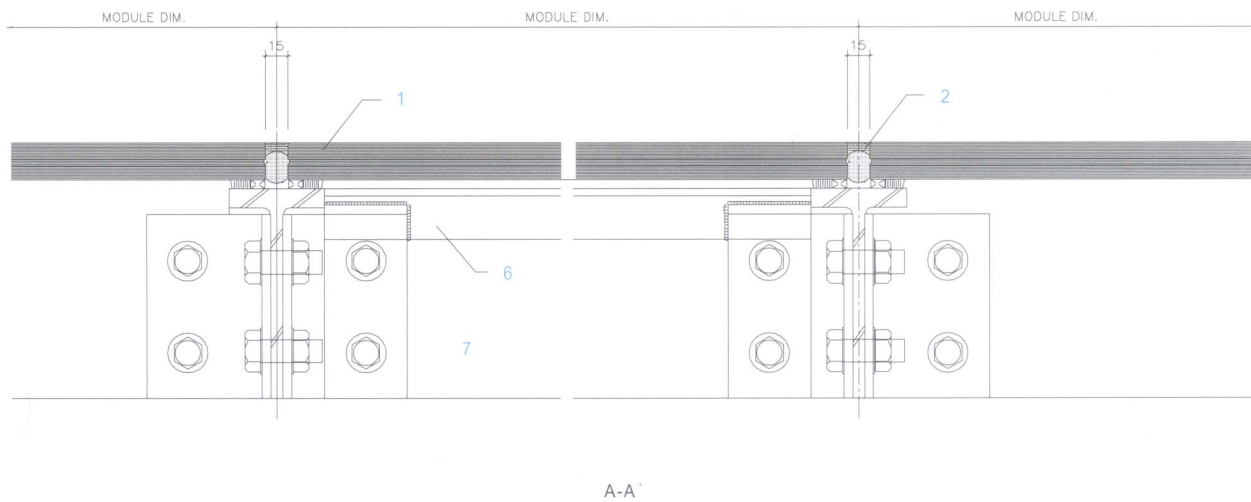
1. 25.58 mm joint, tempered
glass, (12+1.58+12) mm / sandblasting
2. silicone sealant on back up rod
3. 88 × 88 × 6(t) mm steel angle
4. 165 × 85 × 6(t) mm bracket
5. 120 × 85 × 6(t) mm bracket
6. 40 × 40 × 5(t) mm steel angle
7. 65 × 145 × 8 × 13 mm steel T-bracket



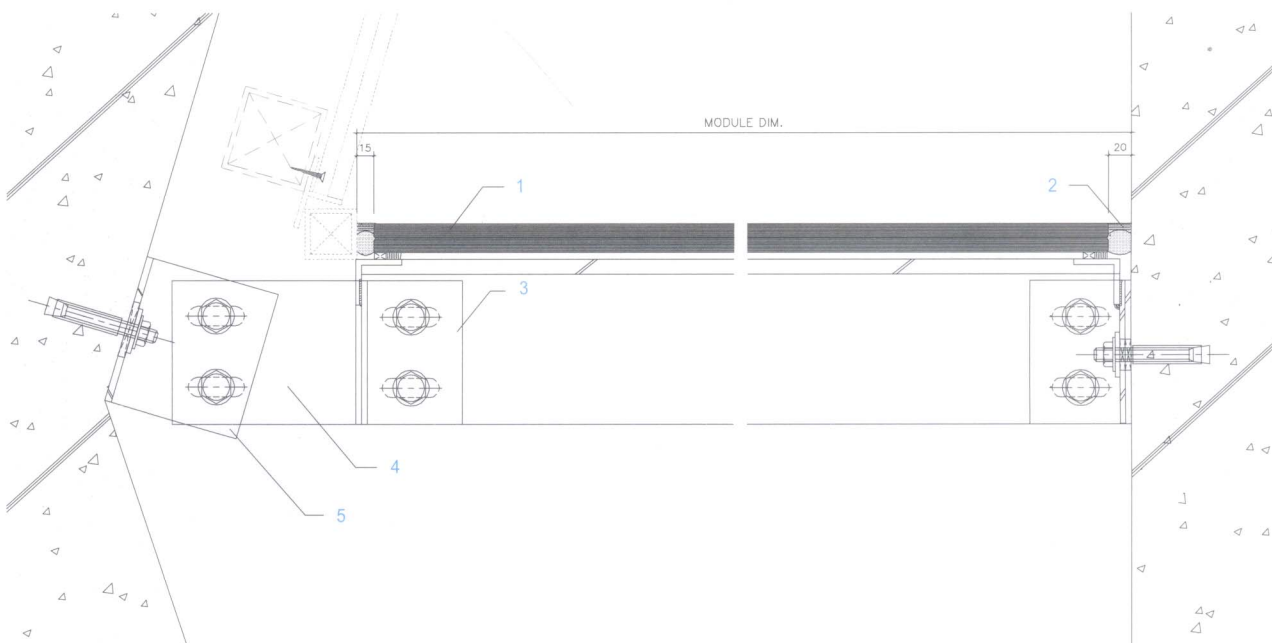
detail c 详图 c

详图 c

1. 25.58 mm 托梁, 钢化玻璃(12+1.58+12) mm/ 喷沙处理
2. 支撑杆密封硅胶
3. 88 × 88 × 6(t) mm 角钢
4. 165 × 85 × 6(t) mm 托架
5. 120 × 85 × 6(t) mm 托架
6. 40 × 40 × 5(t) mm 角钢
7. 65 × 145 × 8 × 13 mm T 形钢托架

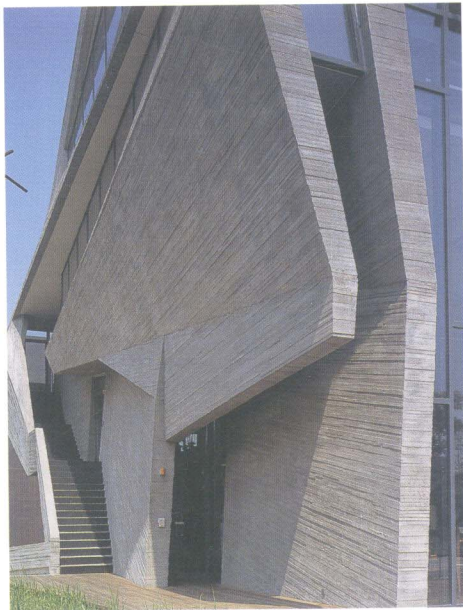


A-A'



B-B'



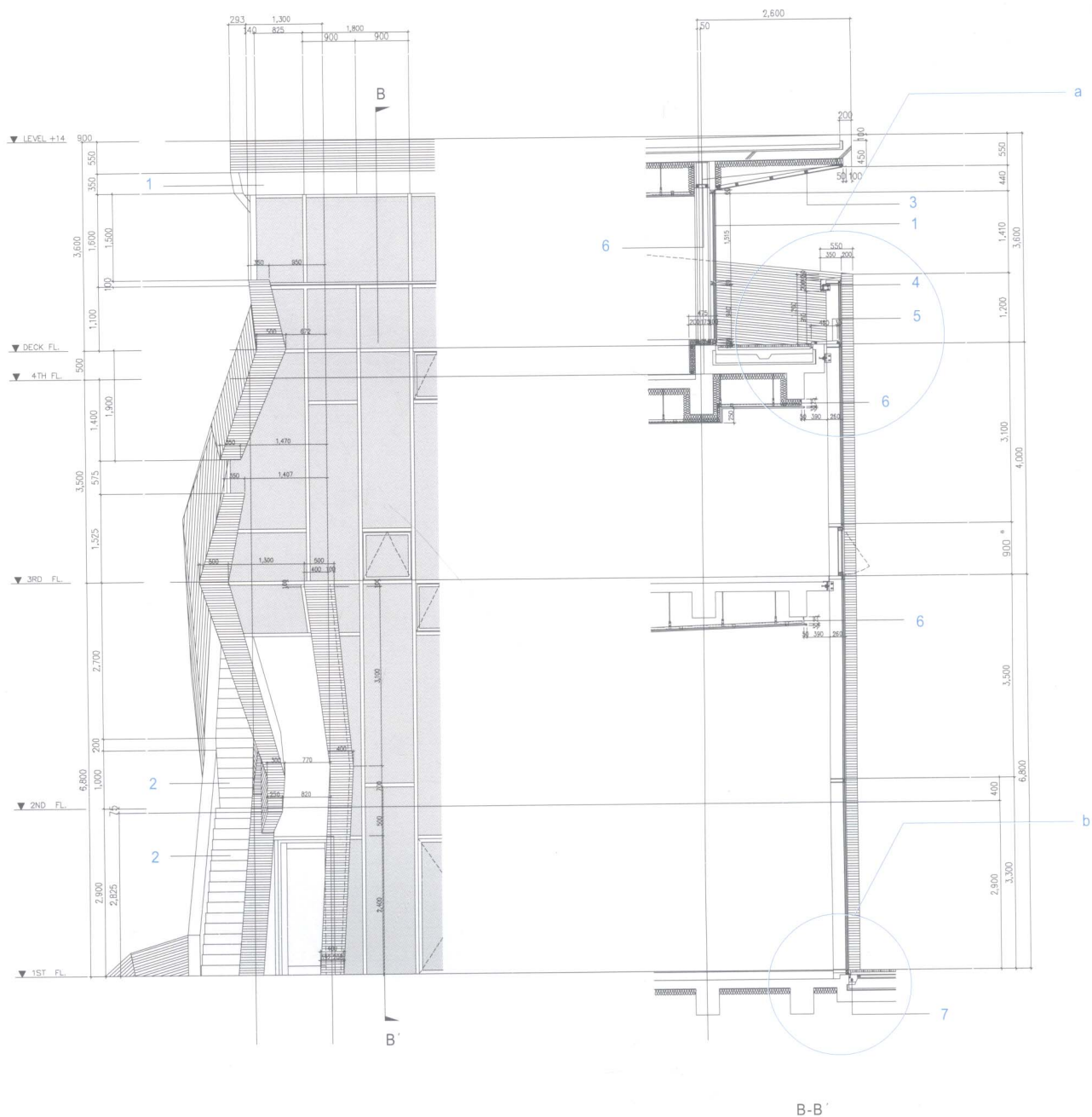


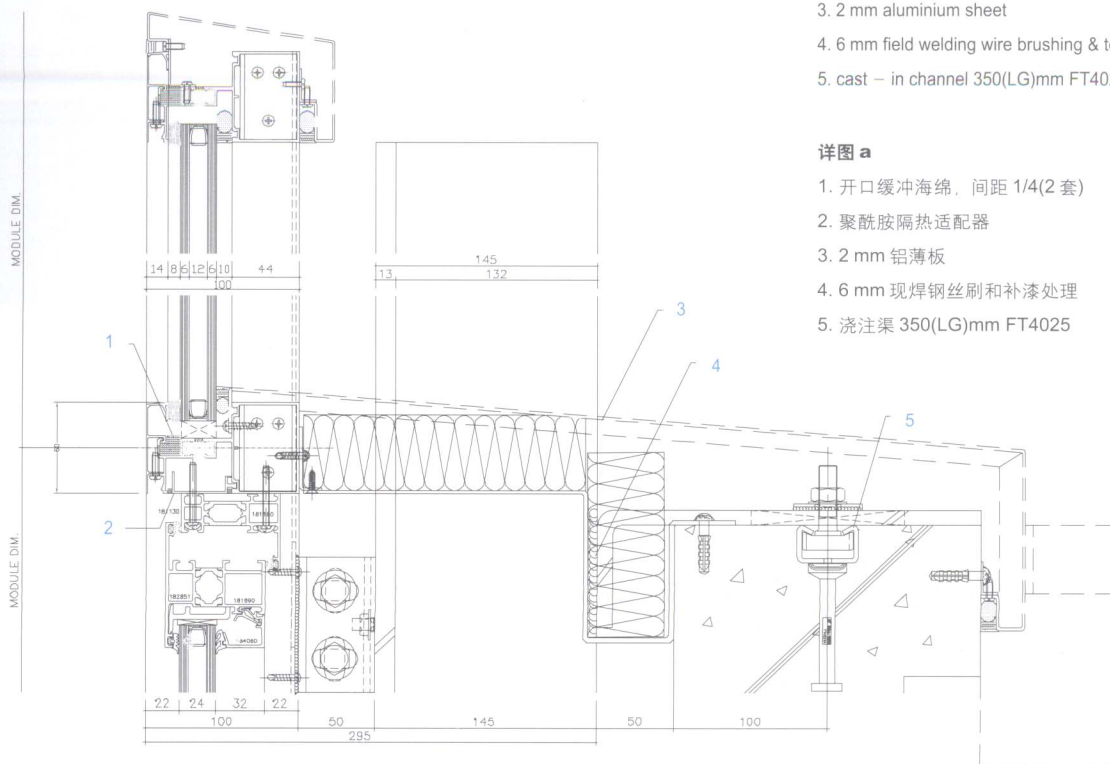
Exterior wall part elevation & section detail-2

1. 9 mm CRC board / seal twice(two sides)
2. 9 mm steel plate / clear coating
3. 50 × 50 mm steel frame / red lead paint
4. 125 × 65 × 8 × 6 mm □ — section shape steel / clear coating
(aluminium curtain wall stiffener)
5. 2 mm aluminium sheet / appointment color fluorinated resin coating
6. 1.6 mm steel sheet / appointment color fluorinated resin coating
7. 150 × 100 mm open ditch

外墙部分立面图和剖面图 - 2

1. 9 mm 厚 CRC 板 / 预无密封 2 次(正反面)
2. 9 mm 厚钢板 / 光洁涂层
3. 50 × 50 mm 钢架 / 红铅漆
4. 125 × 65 × 8 × 6 mm □ 形断面型钢 / 光洁涂层
(铝帘加固)
5. 2 mm 铝薄板 / 指定颜色氟化树脂涂层
6. 1.6 mm 钢薄板 / 指定颜色氟化树脂涂层
7. 150 × 100 mm 明沟





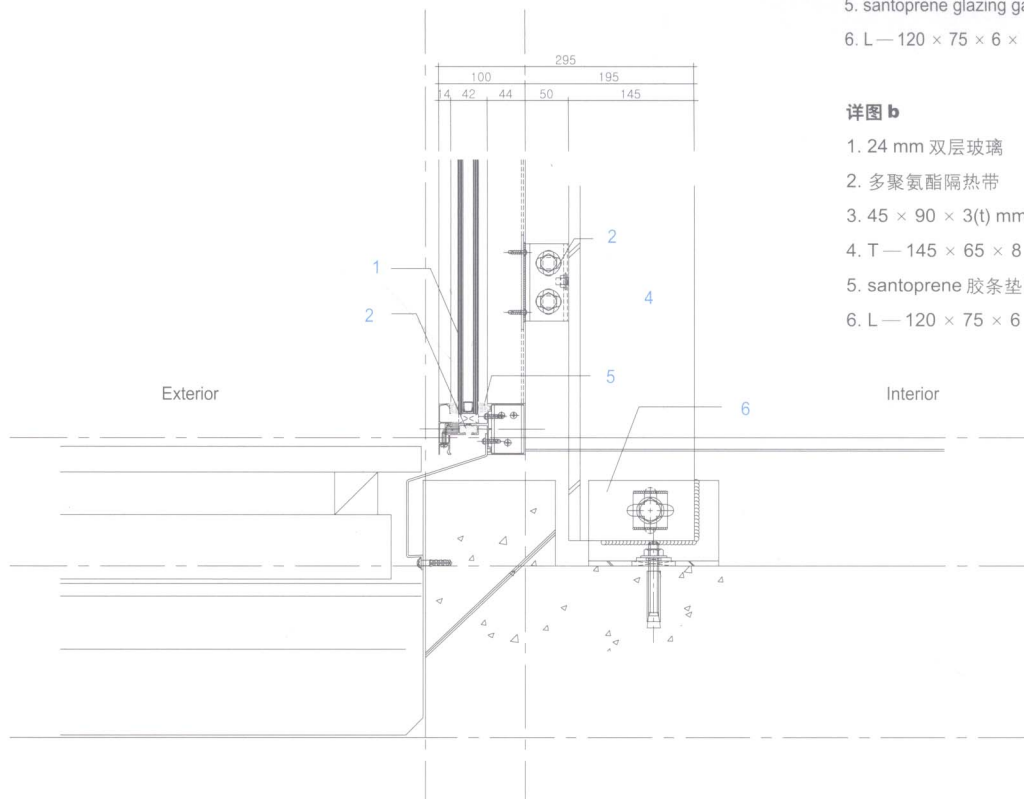
detail a

1. open cell buffer sponge @ 1/4 point (2EA)
2. polyamide thermal break adapter
3. 2 mm aluminium sheet
4. 6 mm field welding wire brushing & touch-up painting
5. cast - in channel 350(LG)mm FT4025

详图 a

1. 开口缓冲海绵, 间距 1/4(2 套)
2. 聚酰胺隔热适配器
3. 2 mm 铝薄板
4. 6 mm 现焊钢丝刷和补漆处理
5. 浇注渠 350(LG)mm FT4025

detail a 详图 a



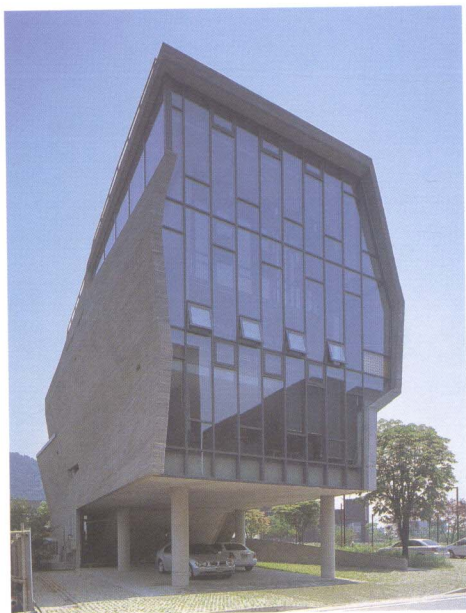
detail b

1. 24 mm pair glass
2. poly-urethane thermal break
3. 45 × 90 × 3(t) mm steel angle
4. T — 145 × 65 × 8 × 13 mm steel T-shaped plate
5. santoprene glazing gasket
6. L — 120 × 75 × 6 × 150(LG) mm steel angle

详图 b

1. 24 mm 双层玻璃
2. 多聚氨酯隔热带
3. 45 × 90 × 3(t) mm 角钢
4. T — 145 × 65 × 8 × 13 mm T 形钢板
5. santoprene 胶条垫圈
6. L — 120 × 75 × 6 × 150(LG) mm 角钢

detail b 详图 b



Exterior wall part elevation & section detail-3

1. 9 mm gypsum board 2folds / puttying after appointment color water paint
2. merbau square wood / oiling twice
3. □ - 30 × 45 mm merbau / appointment color oiling twice
4. □ - 45 × 45 mm merbau besides miscellaneous wood@450 mm
5. 50 mm aluminium spandrel / appointment color fluorinated resin coating(3 coats)
6. 9 mm steel plate / clear coating
7. 24 mm transparent pair glass(two sides, tempered)

外墙部分立面图和剖面图详图 - 3

1. 9 mm 双面石膏板 / 指定水性涂料后进行油灰接合
2. 正方形茛茄木板 / 油性着色 2 次
3. □ - 30 × 45 mm 茛茄木板 / 指定颜色进行油性着色 2 次
4. □ - 45 × 45 mm 茛茄木板, 伴有混色木头, 间距 450 mm
5. 50 mm 铝拱省 / 指定颜色氟化树脂涂层(3 层)
6. 9 mm 厚钢板 / 光洁涂层
7. 24 mm 厚透明双层玻璃(双面钢化)

