



美特鋁質有限公司

MIDI ALUMINIUM FABRICATOR LTD.



工程指示 / 要求簡箋 ENGINEER INSTRUCTIONS(E.I.)

工程指示編號:	EI- 6301	修改版本:	-
	HK- 1256.		
工程編號:	J 856	工程名稱:	天榮站
收件人:	統籌拆圖/ 謝永林	發件人:	Johnny
工程項目:	天榮站/ 46F- 趟門設計配件BM (絲吉利亞)	日期:	02/06/2023

<input checked="" type="checkbox"/> 原合約工程包	<input type="checkbox"/> 原合約工程加 / 減脹 QT-	<input type="checkbox"/> 新工程報價 QT-
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信件批核號碼/圖紙參考編號:	批核模具圖紙編號:
客戶指示附件:	管理內部批簽署:

<input type="checkbox"/> 初步鋁料 B.M.	<input type="checkbox"/> 加工拆圖, 然後生產	<input type="checkbox"/> 尺寸表
<input type="checkbox"/> 正式鋁料 B.M.	<input type="checkbox"/> 技術上資料/指示	<input type="checkbox"/> 報價
<input type="checkbox"/> 配件 B.M.	<input type="checkbox"/> 樣辦或貨品說明書	<input type="checkbox"/> 分判合約
<input type="checkbox"/> 其他:		

內容: 請按附件資料提供初步BM 預算 -五金配件資料 作五金樣板訂購 及制作趟門樣板生產
完成上列要求日期: 05/06/2023

國內

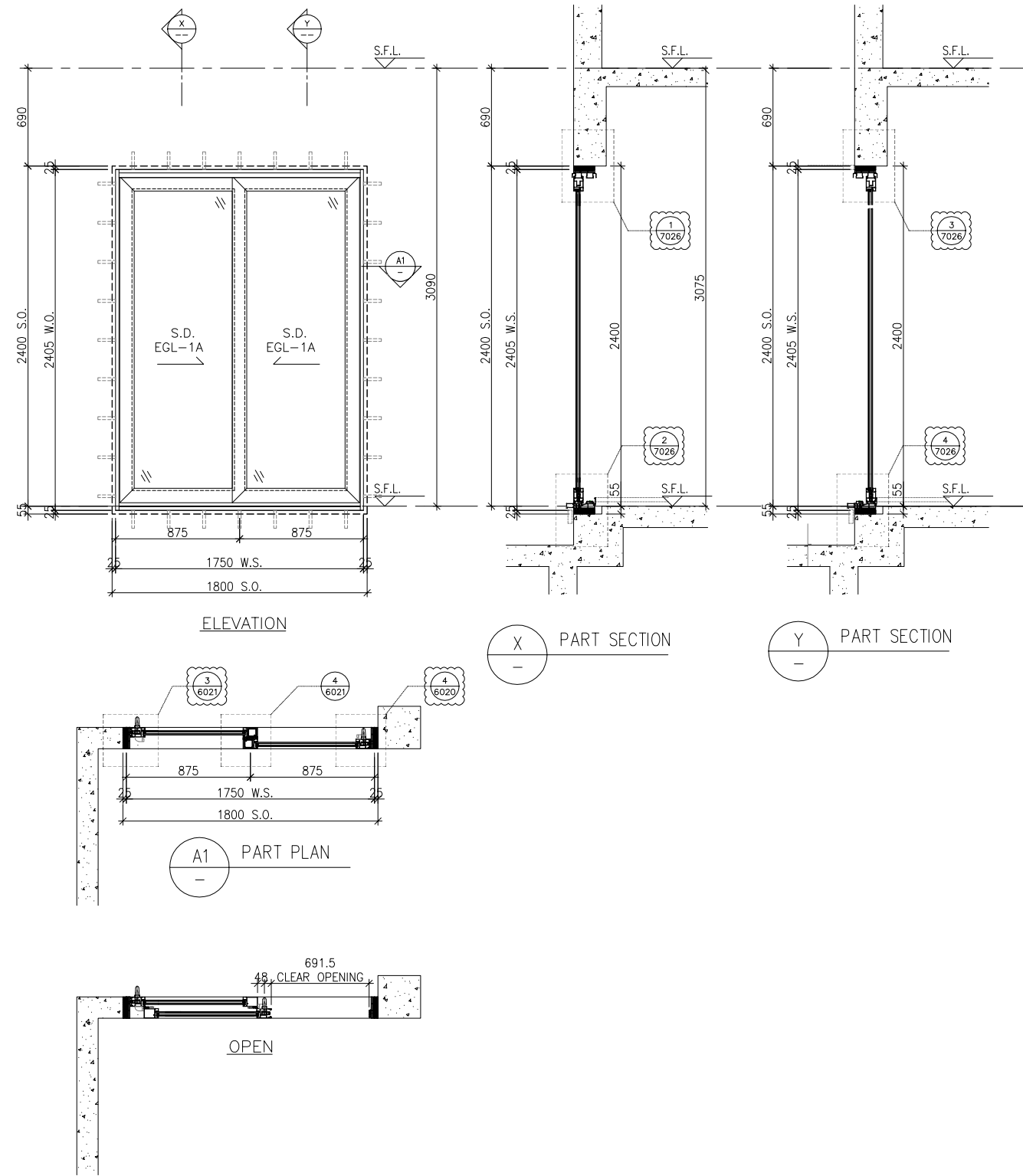
<input checked="" type="checkbox"/> 生產技術總監	<input checked="" type="checkbox"/> 連附件	<input type="checkbox"/> 技術部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 生產部	<input type="checkbox"/> 連附件
<input type="checkbox"/> 採購部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 生產統籌部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 報關組	<input type="checkbox"/> 連附件
<input checked="" type="checkbox"/> 質檢部	<input checked="" type="checkbox"/> 連附件	<input type="checkbox"/> 會計部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 機械設計部	<input type="checkbox"/> 連附件
<input checked="" type="checkbox"/> 香港辦	<input checked="" type="checkbox"/> 連附件	<input type="checkbox"/> 其他:			

香港

<input type="checkbox"/> 行政部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 會計部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 統籌部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 工程部	<input type="checkbox"/> 連附件
<input checked="" type="checkbox"/> 採購部	<input checked="" type="checkbox"/> 連附件	<input type="checkbox"/> QS部	<input type="checkbox"/> 連附件	<input type="checkbox"/> 地盤管理	<input type="checkbox"/> 連附件	<input type="checkbox"/> 維修部	<input type="checkbox"/> 連附件

*發件人簽署: Johnny	*組別成員批核簽署:
傳遞編號:	項目經理簽署:

ELEVATION



WINDOW MARK	AW 201
LOCATION	46/F UNIT SIMPLEX 1A LIV./DIN. AT TOWER 2
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	1 NO.
REMARKS	SIEGENIA SILDING DOOR SYSTEM

B.D. REF :

CLIENT :
SUN HUNG KAI
 REAL ESTATE AGENCY LTD.
 42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :
IWK&partners
 architects

MAIN CONTRACTOR :
Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
 Steel Structure & Facade Specialist

NOTE :
 1. ALL DIMENSIONS ARE IN mm.
 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

LEGEND :

 X1 — DETAIL MARK NO.
 X001 — REFER SHEET NO.

1. F.F.L. -- FINISHED FLOOR LEVEL
 2. S.F.L. -- STRUCTURAL FLOOR LEVEL
 3. (R) -- REVERSED DETAIL
 4. GLASS LEGEND
 EGL-1 -- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
 EGL-2 -- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
 EGL-4 -- 10mm THK. CRYSTAL TEMPERED ACID ETCHED GLASS
 EGL-1A -- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 BT1/BB1 -- FIXING DETAIL (DWG. NO. FD01)
 BB2 -- FIXING DETAIL (DWG. NO. FD02)
 GLAZING AREA
 OPENABLE AREA

A	30/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
NO.	DATE	REVISED	BY

JOB NO. : J-856
 PROJECT :
 PROPOSED DEVELOPMENT ABOVE
 LIGHT RAIL TIN WING STOP, TSWTL
 NO.23, AREA 33, TIN SHUI WAI, N.T.

TITLE :
 WINDOW SCHEDULE FOR
 TOWER 2 IN-SITU WINDOW

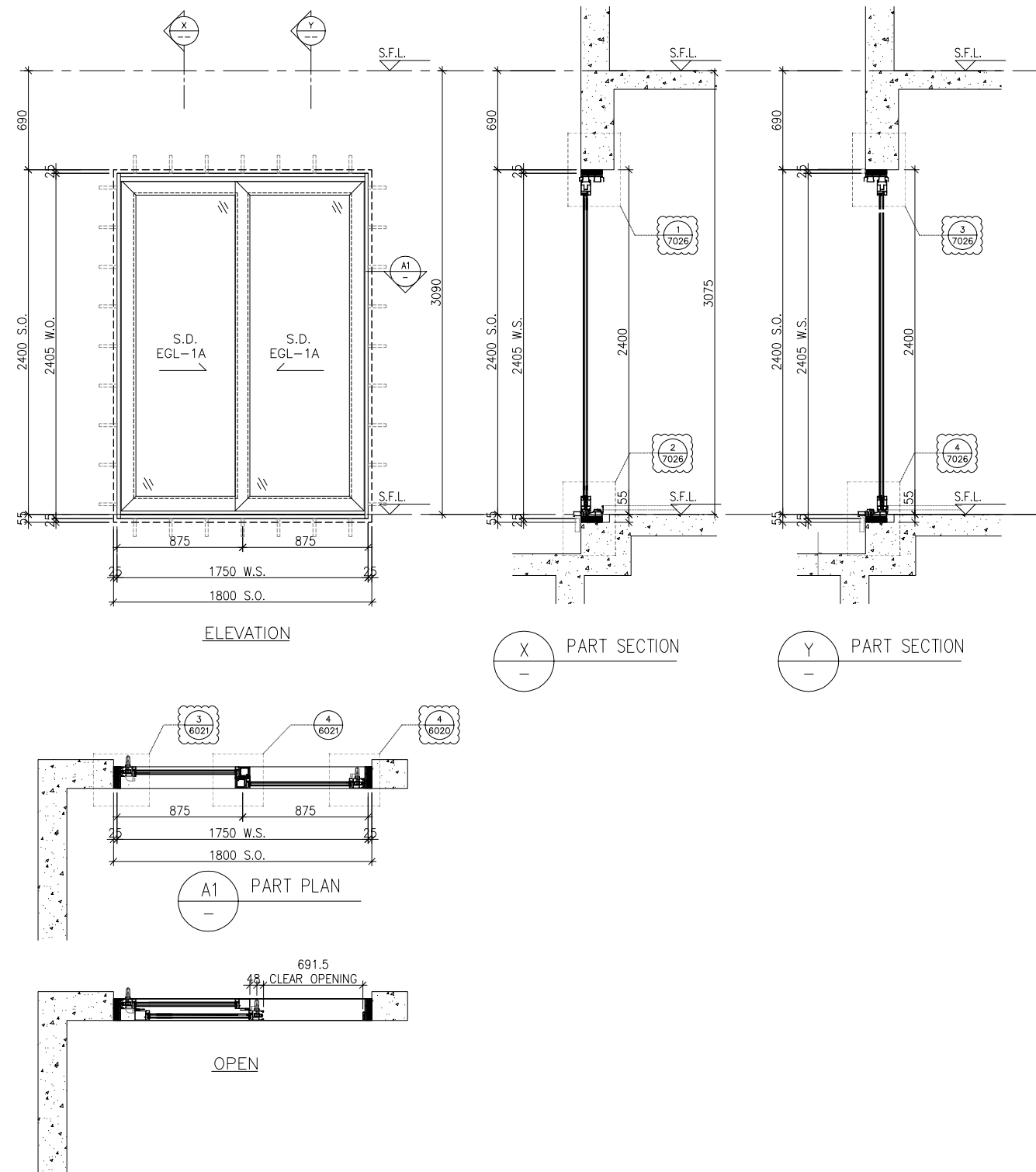
DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : Ivan CHECKED BY :

MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27727666

DWG NO. : J856-SD-IW-5251 REV. : A

ELEVATION



B.D. REF :

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REAL ESTATE AGENCY LTD.
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architects

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ARUP

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ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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EGL-2--10mm THK. CRYSTAL GRAY TEMPERED GLASS
EGL-4--10mm THK. CRYSTAL TEMPERED ACID ETCHED GLASS
EGL-1A--8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BB1--FIXING DETAIL (DWG. NO. FD01)
BB2--FIXING DETAIL (DWG. NO. FD02)

- GLAZING AREA
- OPENABLE AREA

NO.	DATE	REVISION	COMMENT	BY
A	30/01/2023	REVISION SUBJECT TO ARCH.COMMENT		ivan

JOB NO. : J-856

PROJECT :
PROPOSED DEVELOPMENT ABOVE
LIGHT RAIL TIN WING STOP, TSWTL
NO.23, AREA 33, TIN SHUI WAI, N.T.

TITLE :
WINDOW SCHEDULE FOR
TOWER 2 IN-SITU WINDOW

DATE : 02-Aug-21 SCALE : 1:40

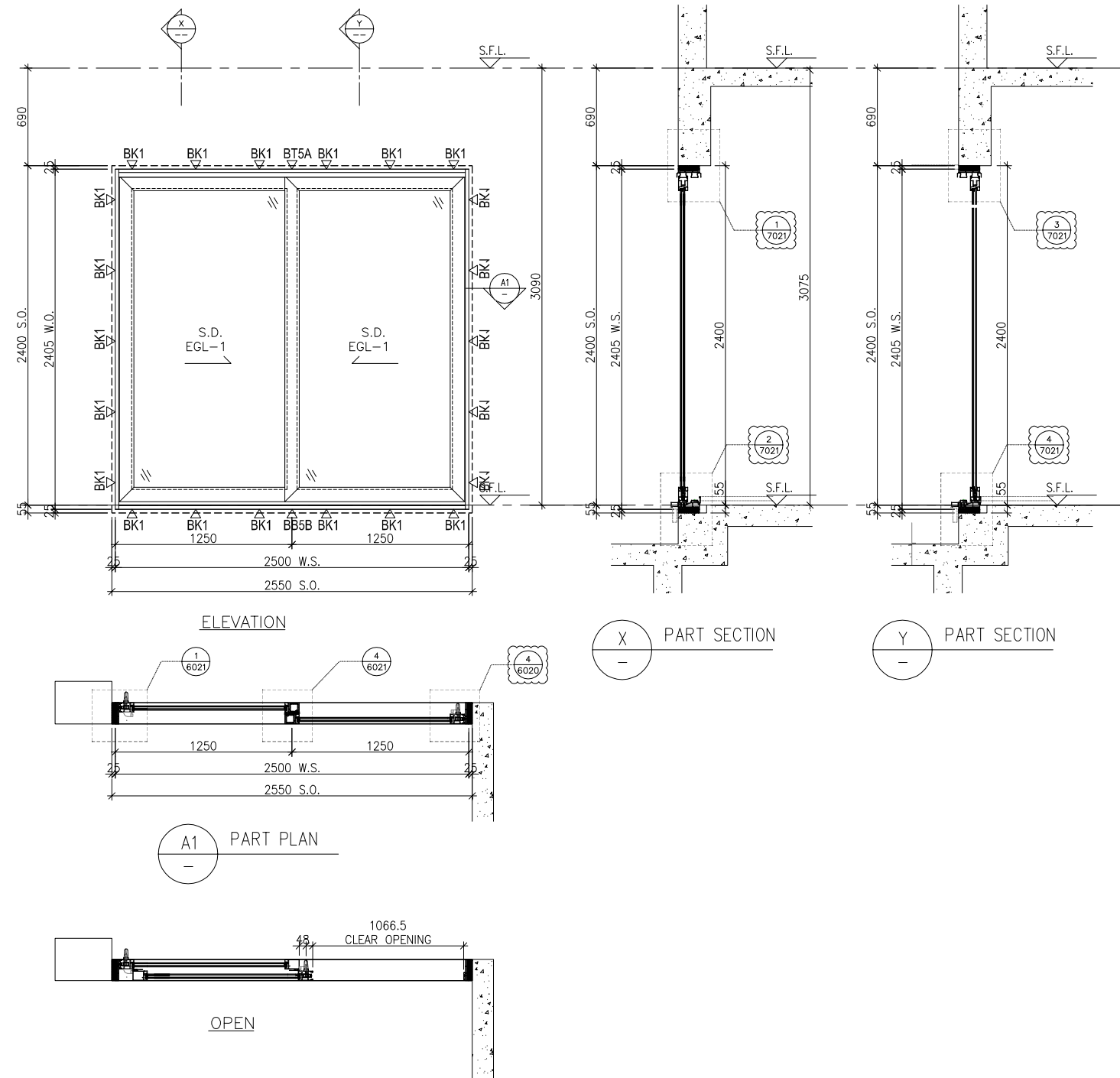
DRAWN BY : ivan CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27727666

DWG NO. : J856-SD-IW-5253 REV. : A

WINDOW MARK	AW 203
LOCATION	46/F UNIT SIMPLEX 2B LIV./DIN. AT TOWER 2
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	1 NO.
REMARKS	SIEGENIA SILDING DOOR SYSTEM

ELEVATION



B.D. REF :

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ARCHITECT :

lwk&partners
architects

MAIN CONTRACTOR :

Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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LEGEND :

- X1 — DETAIL MARK NO.
- X001 — REFER SHEET NO.

1. F.F.L. -- FINISHED FLOOR LEVEL
2. S.F.L. -- STRUCTURAL FLOOR LEVEL
3. (R) -- REVERSED DETAIL
4. GLASS LEGEND

EGL-1 -- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.

EGL-2 -- 10mm THK. CRYSTAL GRAY TEMPERED GLASS

EGL-4 -- 10mm THK. CRYSTAL TEMPERED ACID ETCHED GLASS

EGL-1A -- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.

BT1/BB1 -- FIXING DETAIL (DWG. NO. FD01)

BB2 -- FIXING DETAIL (DWG. NO. FD02)

GLAZING AREA

OPENABLE AREA

B	03/05/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan
A	30/01/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan
NO.	DATE	REVISED	BY

JOB NO. : J-856

PROJECT :
PROPOSED DEVELOPMENT ABOVE
LIGHT RAIL TIN WING STOP, TSWTL
NO.23, AREA 33, TIN SHUI WAI, N.T.

TITLE :
WINDOW SCHEDULE FOR
TOWER 2 IN-SITU WINDOW

DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : Ivan CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27727666

DWG NO. : J856-SD-IW-5254 REV. : B

WINDOW MARK **AW 204**

LOCATION 46/F UNIT SIMPLEX 1B LIV./DIN. AT TOWER 2

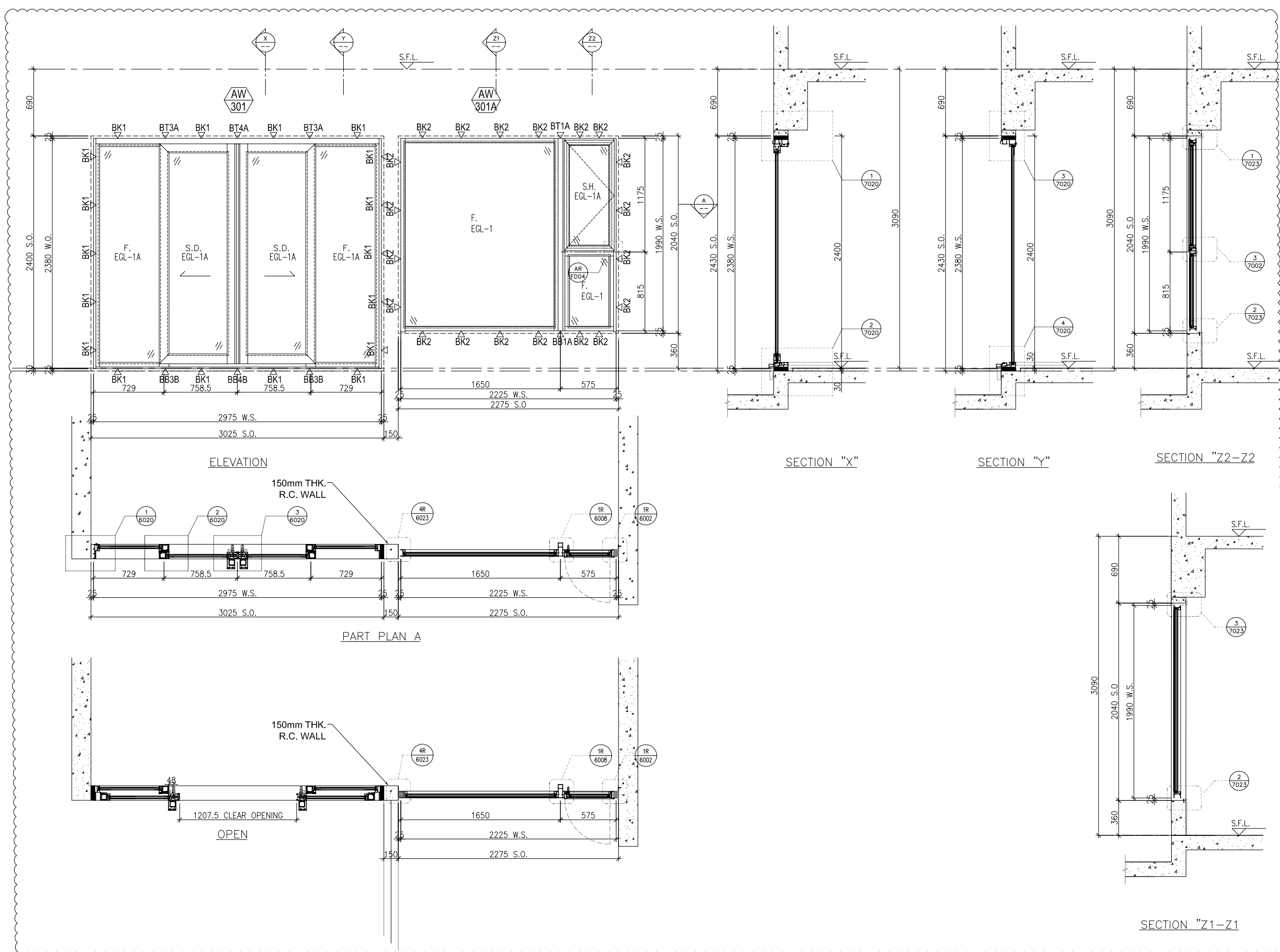
SECTION 70mm ALUM. SECTION

GLAZING EGL-1

QUANTITY 1 NO.

REMARKS SIEGENIA SILDING DOOR SYSTEM

ELEVATION



B.D. REF :

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 REAL ESTATE AGENCY LTD.
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 architects

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STRUCTURAL ENGINEER :
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FAÇADE CONSULTANT:
ALPHA CONSULTING LIMITED
 Steel Structure & Façade Specialist

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LEGEND :
 X1 -- DETAIL MARK NO.
 X001 -- REFER SHEET NO.

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 2. S.F.L. -- STRUCTURAL FLOOR LEVEL
 3. (R) -- REVERSED DETAIL
 4. GLASS LEGEND
 EGL-1 -- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
 EGL-2 -- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
 EGL-4 -- 10mm THK. CRYSTAL TEMPERED ACID ETCHED GLASS
 EGL-1A -- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 BT1/BB1 -- FIXING DETAIL (DWG. NO. FD01)
 BB2 -- FIXING DETAIL (DWG. NO. FD02)

GLAZING AREA
 OPENABLE AREA

A	30/01/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan
NO.	DATE	REVISED	BY

JOB NO. : J-856
 PROJECT : PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP, TSWTL NO.23, AREA 33, TIN SHUI WAI, N.T.

TITLE : WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW

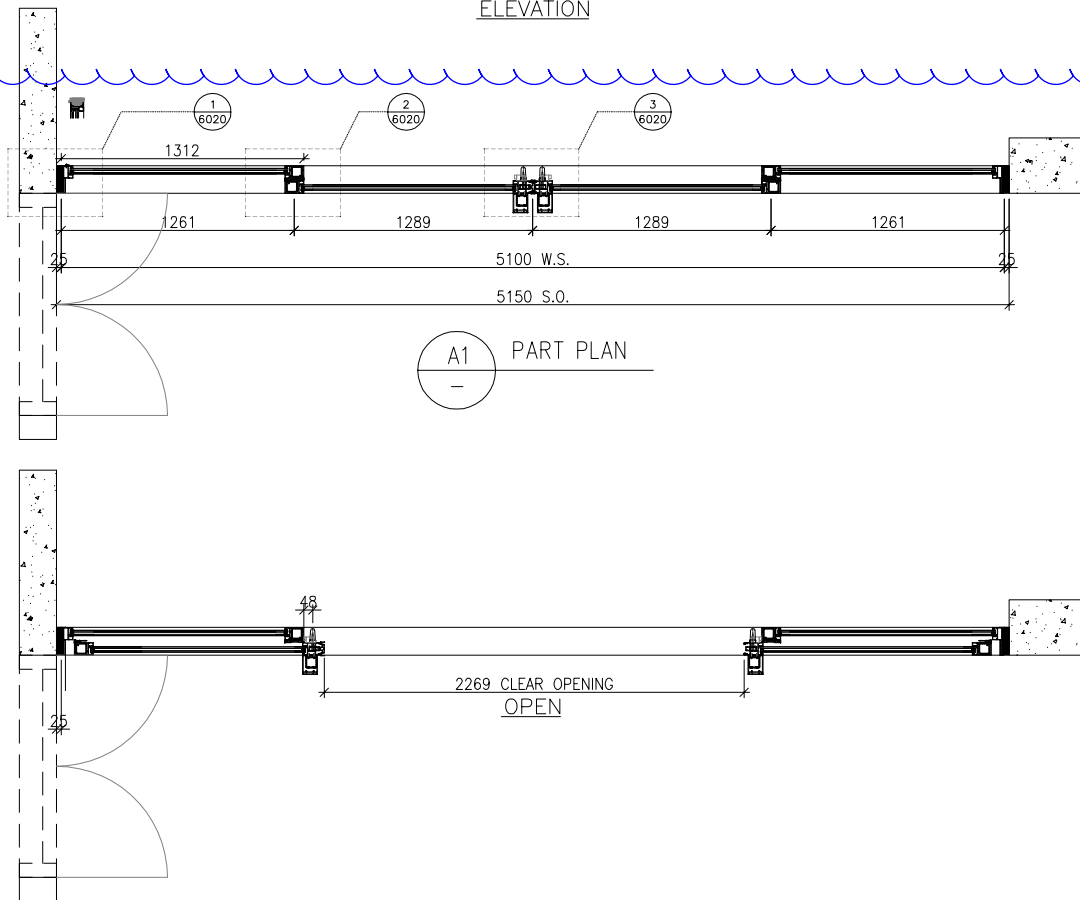
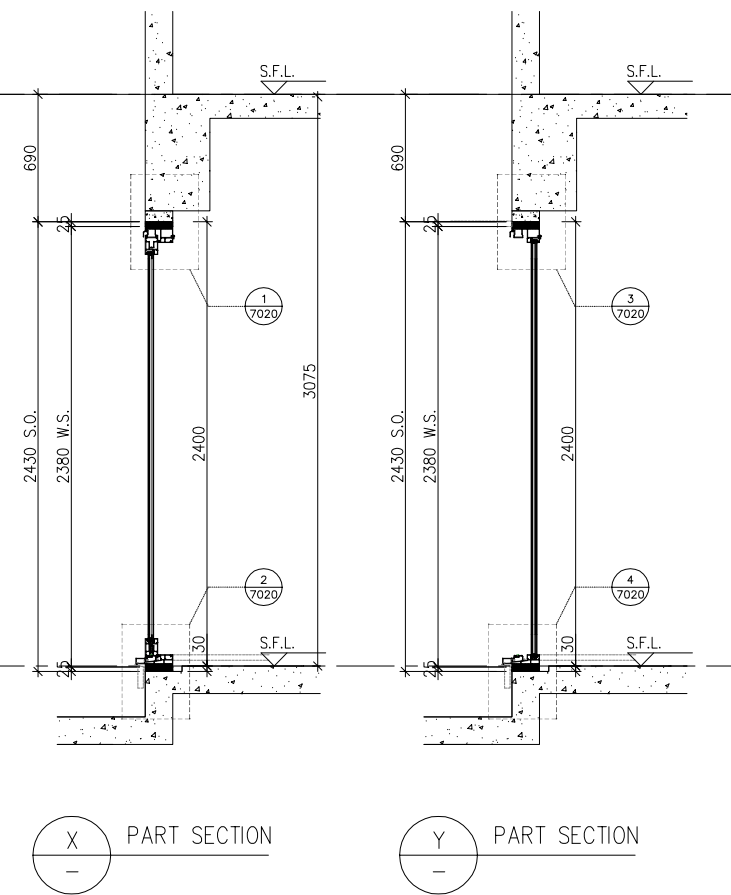
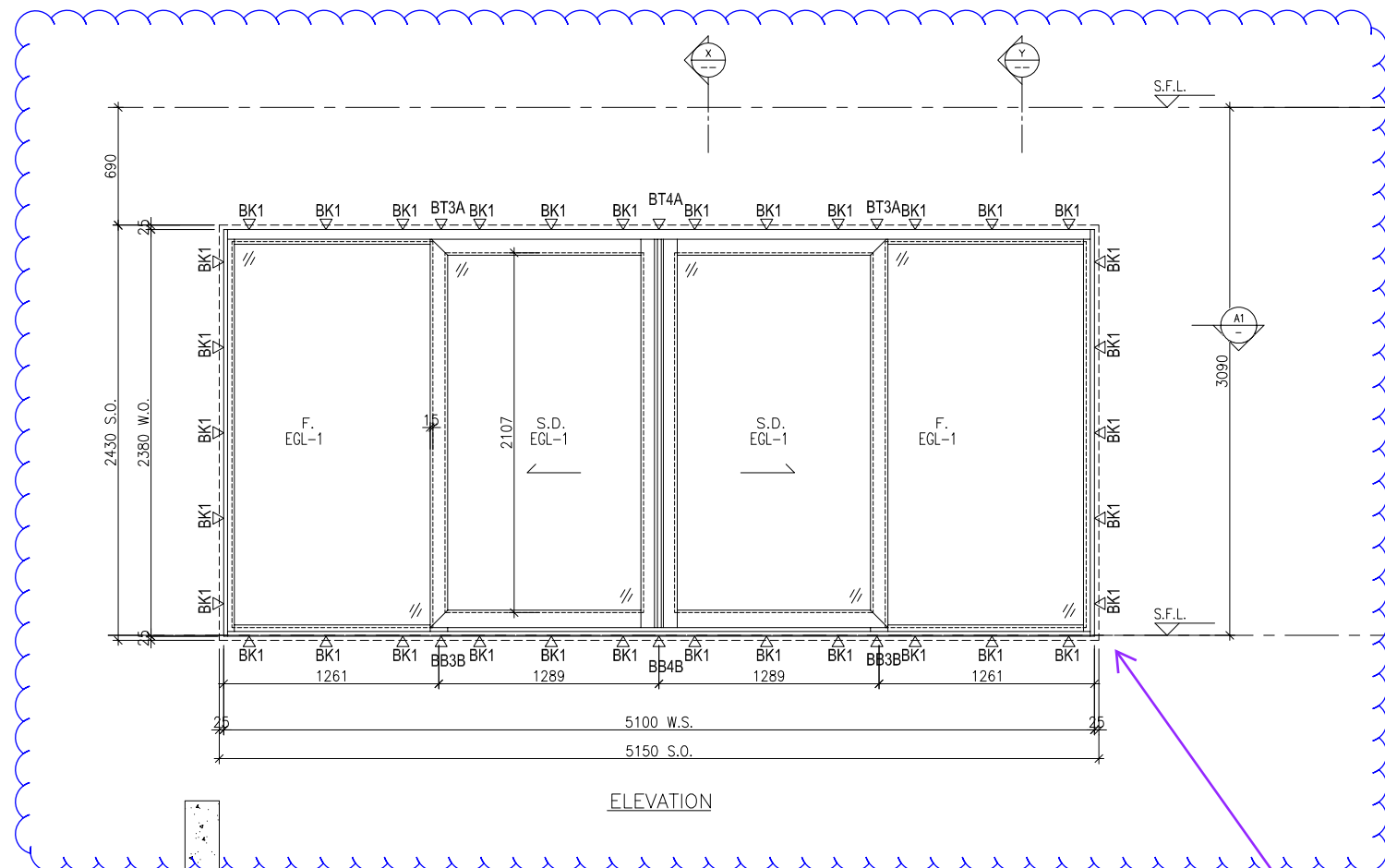
DATE : 02-Aug-21 SCALE : 1:40
 DRAWN BY : ivan CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5351 REV. : A

WINDOW MARK	AW 301 AW 301A
LOCATION	46/F UNIT SIMPLEX 2B LIV./DIN. AT TOWER 3
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1 & EGL-1A
QUANTITY	1 NO.
REMARKS	SIEGENIA SILDING DOOR SYSTEM

ELEVATION



樣板-要求

B.D. REF :

CLIENT :
SUN HUNG KAI
 REAL ESTATE AGENCY LTD.
 42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :
lwk&partners
 architects

MAIN CONTRACTOR :
Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
 Steel Structure & Facade Specialist

NOTE :
 1. ALL DIMENSIONS ARE IN mm.
 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

LEGEND :
 X1 -- DETAIL MARK NO.
 X001 -- REFER SHEET NO.
 1. F.F.L. -- FINISHED FLOOR LEVEL
 2. S.F.L. -- STRUCTURAL FLOOR LEVEL
 3. (R) -- REVERSED DETAIL
 4. GLASS LEGEND
 EGL-1 -- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
 EGL-2 -- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
 EGL-4 -- 10mm THK. CRYSTAL TEMPERED ACID ETCHED GLASS
 EGL-1A -- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 BT1/BB1 -- FIXING DETAIL (DWG. NO. FD01)
 BB2 -- FIXING DETAIL (DWG. NO. FD02)
 [Pattern] GLAZING AREA
 [Pattern] OPENABLE AREA

NO.	DATE	REVISED	BY
-----	------	---------	----

JOB NO. : J-856
 PROJECT : PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP, TSWTL NO.23, AREA 33, TIN SHUI WAI, N.T.

TITLE : WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW

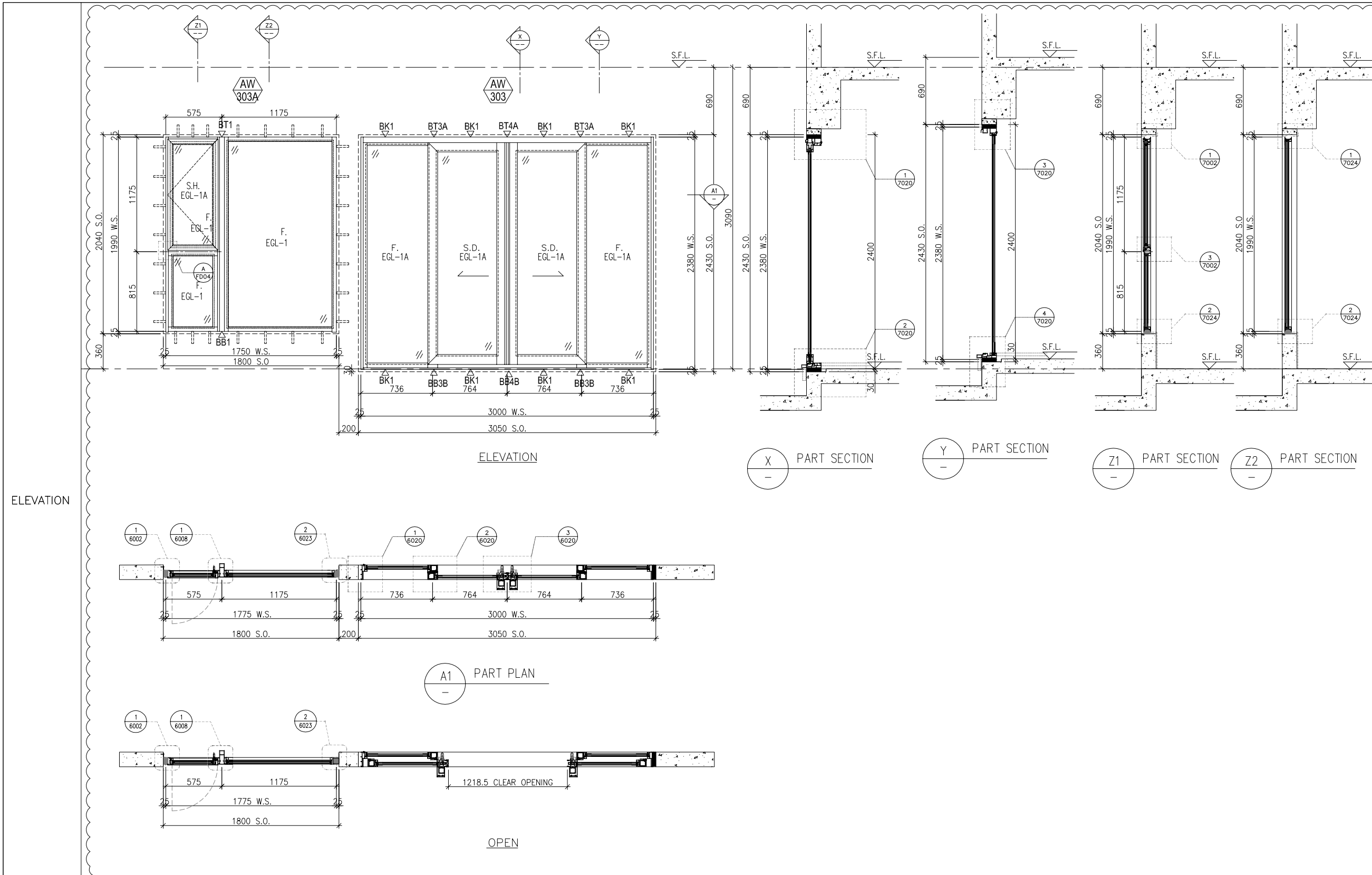
DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : Ivan CHECKED BY :

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MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27727666

DWG NO. : J856-SD-IW-5352 REV. : -

WINDOW MARK	AW 302
LOCATION	46/F UNIT SIMPLEX 1B LIV./DIN. AT TOWER 3
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	1 NO.
REMARKS	IEGEMIA SILDING DOOR SYSTEM



ELEVATION

WINDOW MARK

LOCATION 46/F UNIT SIMPLEX 2A LIV./DIN. AT TOWER 3

SECTION 70mm ALUM. SECTION

GLAZING EGL-1 & EGL-1A

QUANTITY 1 NO.

REMARKS SIEGENIA SILDING DOOR SYSTEM

B.D. REF :

CLIENT :

 42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :

MAIN CONTRACTOR :

 怡輝建築有限公司

STRUCTURAL ENGINEER :

FACADE CONSULTANT:

 ALPHA CONSULTING LIMITED
 Steel Structure & Facade Specialist

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 EGL-1 -- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
 EGL-2 -- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
 EGL-4 -- 10mm THK. CRYSTAL TEMPERED ACID ETCHED GLASS
 EGL-1A -- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 BT1/BB1 -- FIXING DETAIL (DWG. NO. FD01)
 BB2 -- FIXING DETAIL (DWG. NO. FD02)

 GLAZING AREA

 OPENABLE AREA

A	NO.	DATE	REVISION	COMMENT	BY
30/01/2023			REVISION SUBJECT TO ARCH.COMMENT		ivan

JOB NO. : J-856

PROJECT :
 PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP, TSWTL NO.23, AREA 33, TIN SHUI WAI, N.T.

TITLE :
 WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW

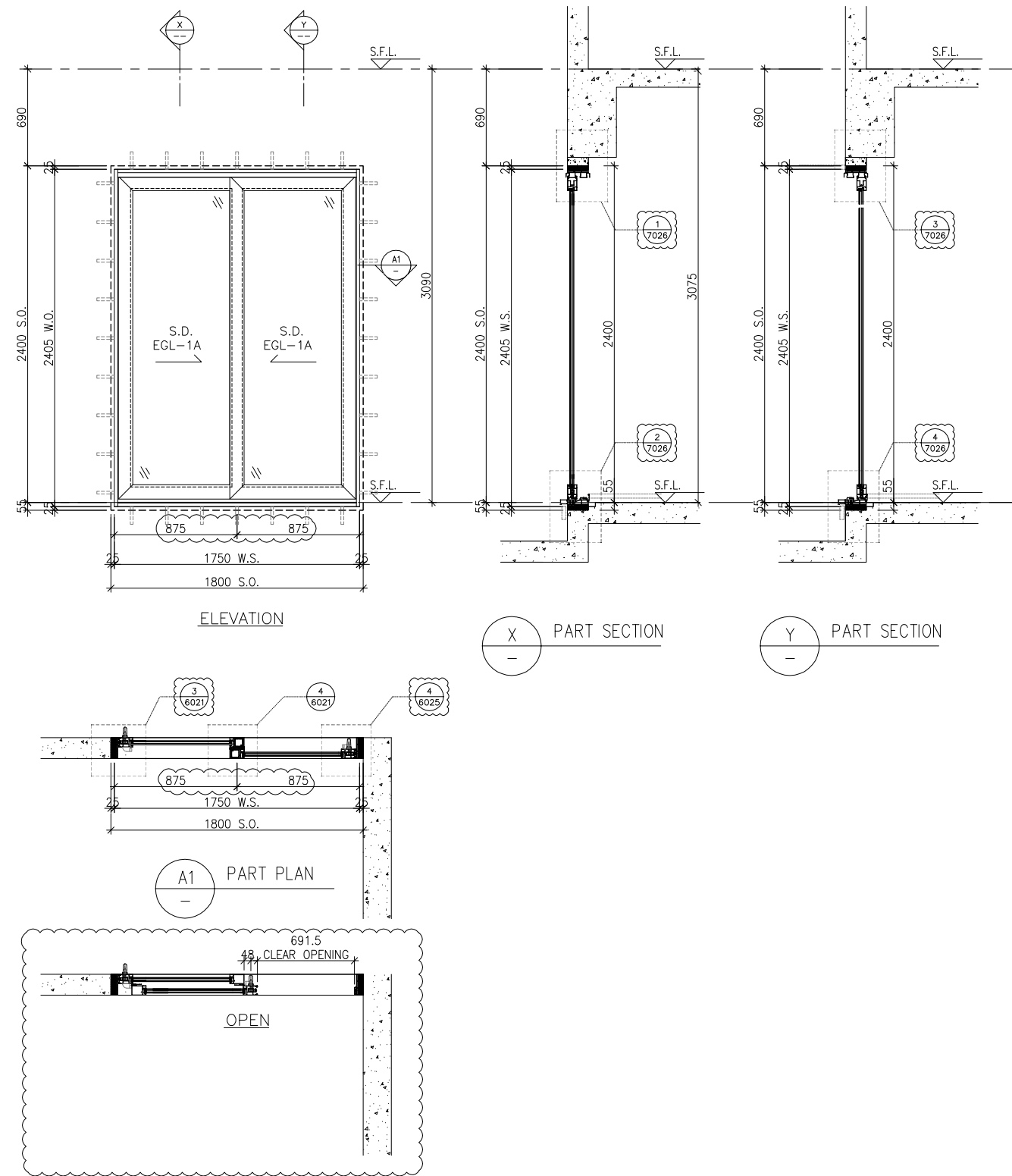
DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : ivan CHECKED BY :

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 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-IW-5353 REV. : A

ELEVATION



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REAL ESTATE AGENCY LTD.
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BT1/BB1--FIXING DETAIL (DWG. NO. FD01)
BB2--FIXING DETAIL (DWG. NO. FD02)

- GLAZING AREA
- OPENABLE AREA

NO.	DATE	REVISED	BY
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PROJECT :
PROPOSED DEVELOPMENT ABOVE
LIGHT RAIL TIN WING STOP, TSWTL
NO.23, AREA 33, TIN SHUI WAI, N.T.

TITLE :
WINDOW SCHEDULE FOR
TOWER 3 IN-SITU WINDOW

DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : ivan CHECKED BY :

美特鋁質有限公司
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Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27727666

DWG NO. : J856-SD-IW-5354 REV. : A

WINDOW MARK

AW
304

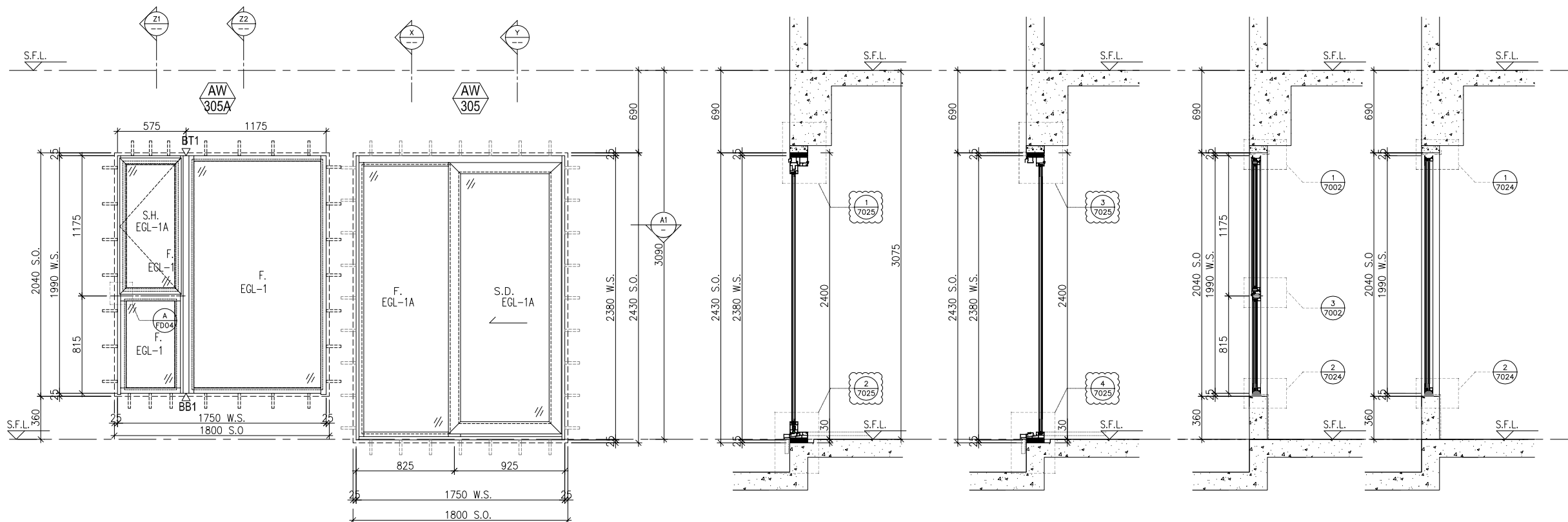
LOCATION 46/F UNIT SIMPLEX 2A MBR AT TOWER 3

SECTION 70mm ALUM. SECTION

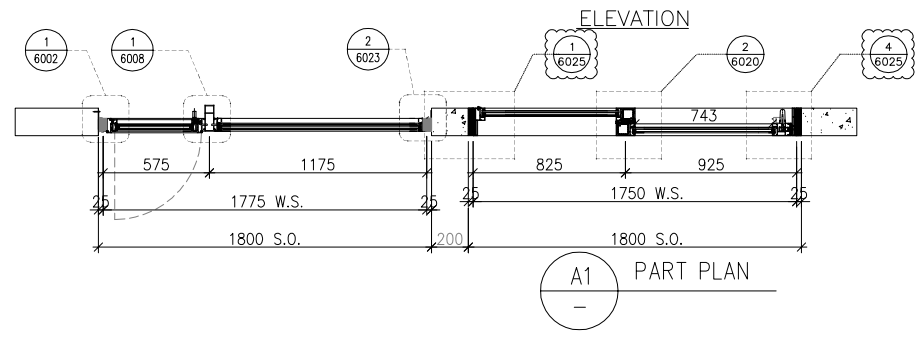
GLAZING EGL-1A

QUANTITY 1 NO.

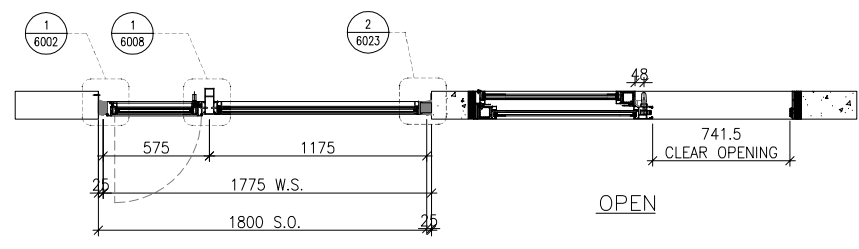
REMARKS SIEGENIA SILDING DOOR SYSTEM



ELEVATION



A1 PART PLAN



OPEN

X PART SECTION

Y PART SECTION

Z1 PART SECTION

Z2 PART SECTION

B.D. REF :

CLIENT :
 SUN HUNG KAI REAL ESTATE AGENCY LTD.
 42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :
 IWK&partners architects

MAIN CONTRACTOR :
 怡輝建築有限公司 Yee Fai Building Contractors Ltd.

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FAÇADE CONSULTANT:
 ALPHA CONSULTING LIMITED
 Steel Structure & Façade Specialist

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 BT1/BB1 -- FIXING DETAIL (DWG. NO. FD01)
 BB2 -- FIXING DETAIL (DWG. NO. FD02)

GLAZING AREA
 OPENABLE AREA

NO.	DATE	REVISED	BY

JOB NO. : J-856

PROJECT : PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP, TSWTL NO.23, AREA 33, TIN SHUI WAI, N.T.

TITLE : WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW

DATE : 02-Aug-21 SCALE : 1:40

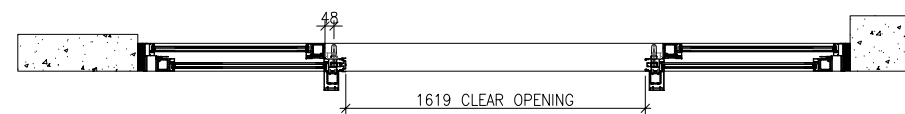
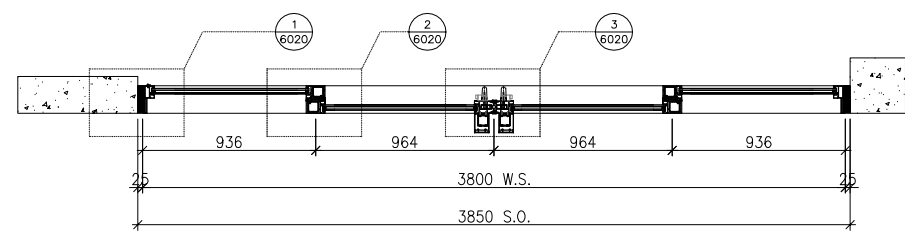
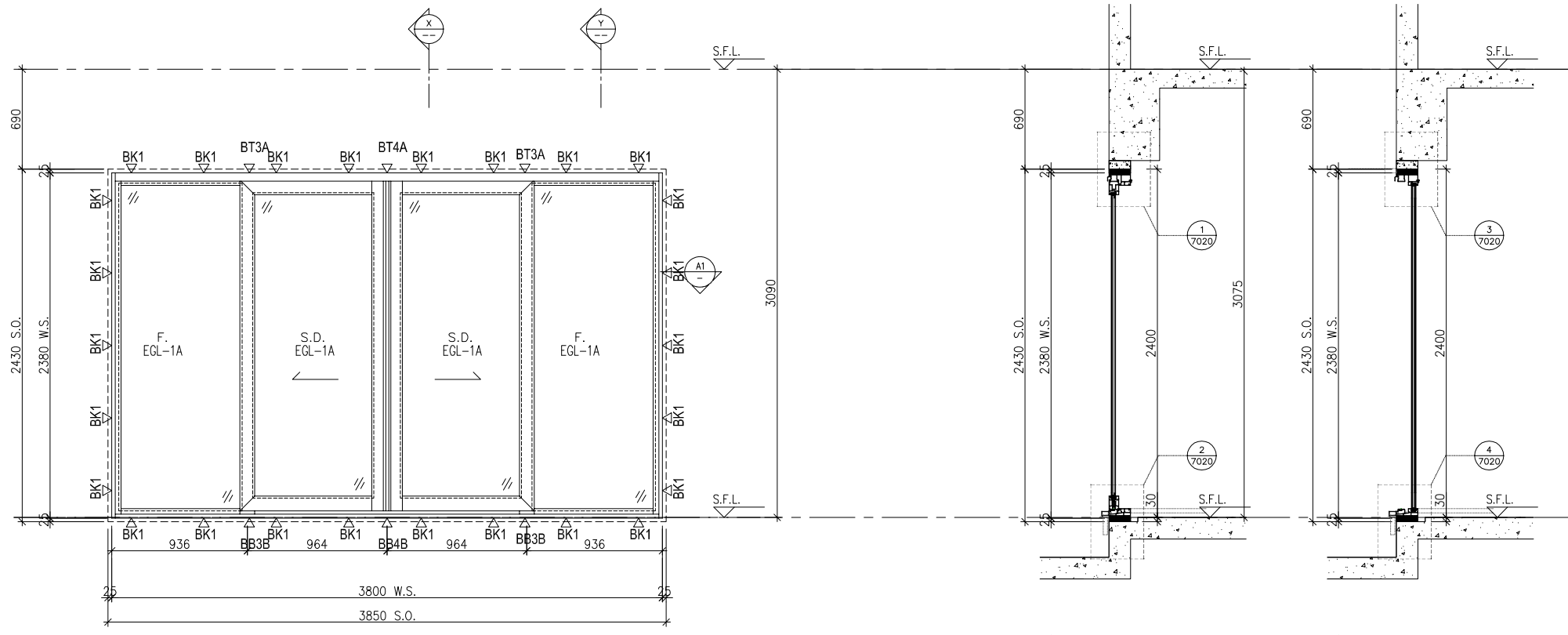
DRAWN BY : Ivan CHECKED BY :

美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27727666

DWG NO. : J856-SD-IW-5355 REV. : -

WINDOW MARK	AW 305 AW 305A
LOCATION	46/F UNIT SIMPLEX 1A MBR AT TOWER 3
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	1 NO.
REMARKS	IEGENTIA SILDING DOOR SYSTEM

ELEVATION



WINDOW MARK	AW 306
LOCATION	46/F UNIT SIMPLEX 1A LIV./DIN. AT TOWER 3
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	1 NO.
REMARKS	SIEGENIA SILDING DOOR SYSTEM

B.D. REF :

CLIENT :

 42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :






MAIN CONTRACTOR :


STRUCTURAL ENGINEER :


FACADE CONSULTANT:

 Steel Structure & Facade Specialist

NOTE :
 1. ALL DIMENSIONS ARE IN mm.
 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

LEGEND :
 -- DETAIL MARK NO.
 -- REFER SHEET NO.
 1. F.F.L. -- FINISHED FLOOR LEVEL
 2. S.F.L. -- STRUCTURAL FLOOR LEVEL
 3. (R) -- REVERSED DETAIL
 4. GLASS LEGEND
 EGL-1 -- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
 EGL-2 -- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
 EGL-4 -- 10mm THK. CRYSTAL TEMPERED ACID ETCHED GLASS
 EGL-1A -- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 BT1/BB1 -- FIXING DETAIL (DWG. NO. FD01)
 BB2 -- FIXING DETAIL (DWG. NO. FD02)
 GLAZING AREA
 OPENABLE AREA

A	30/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
NO.	DATE	REVISED	BY

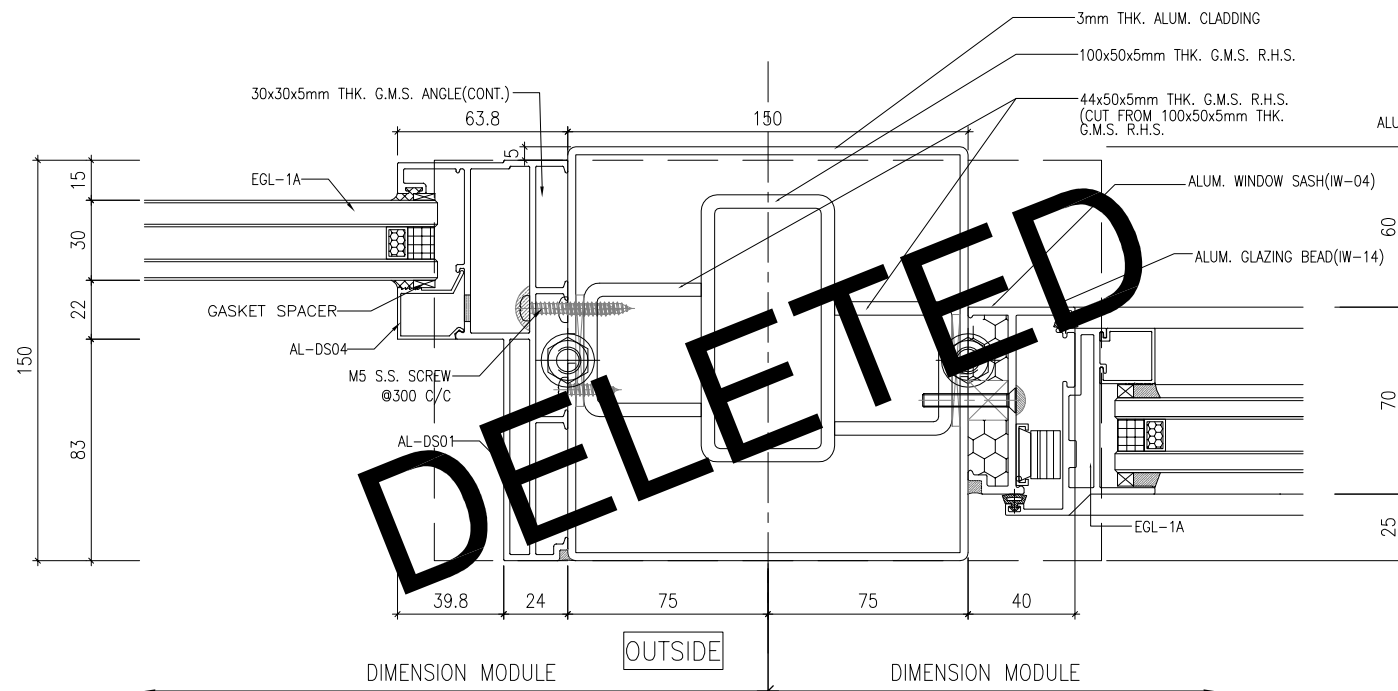
JOB NO. : J-856
 PROJECT : PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP, TSWTL NO.23, AREA 33, TIN SHUI WAI, N.T.

TITLE : WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW

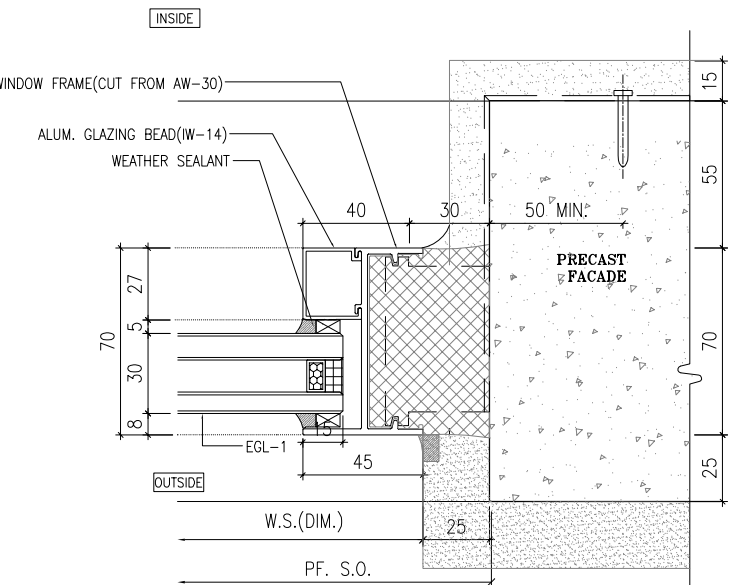
DATE : 02-Aug-21 SCALE : 1:40
 DRAWN BY : Ivan CHECKED BY :


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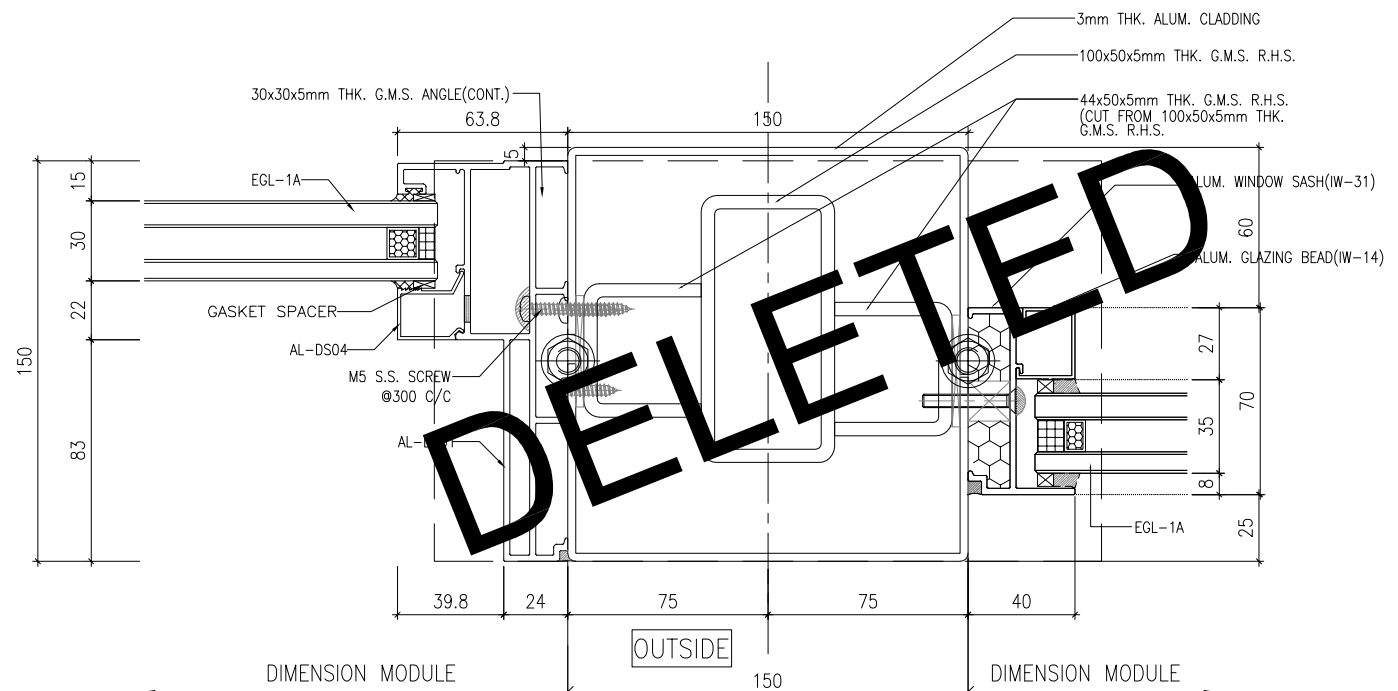
DWG NO. : J856-SD-IW-5356 REV. : A



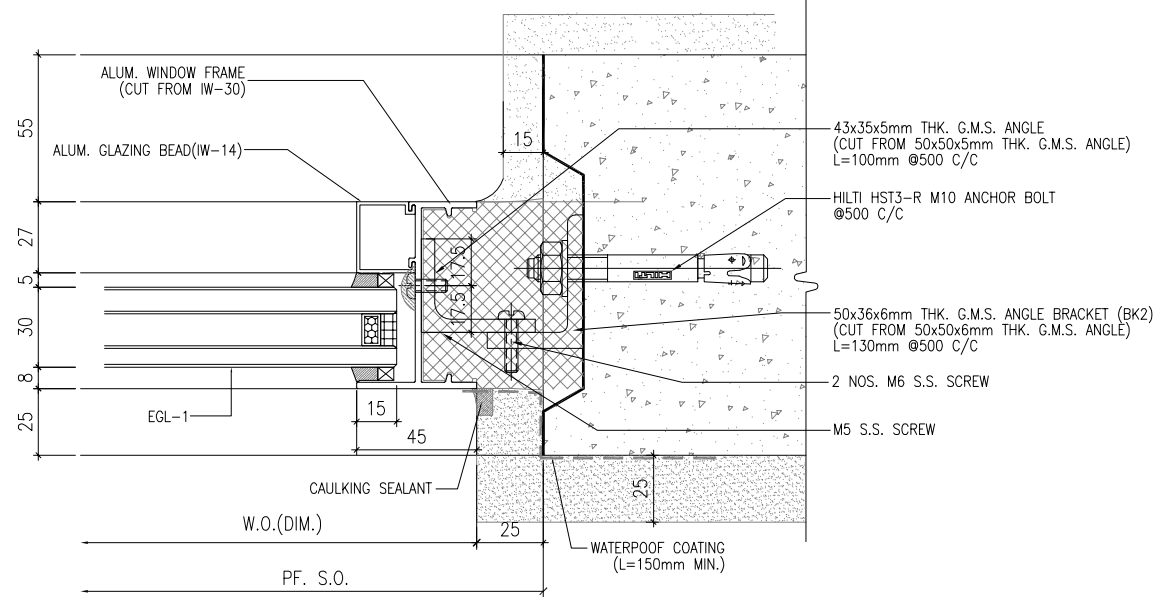
1 HORIZONTAL DETAIL
SCALE 1:2



2 HORIZONTAL DETAIL
SCALE 1:2



3 HORIZONTAL DETAIL
SCALE 1:2



4 HORIZONTAL DETAIL
SCALE 1:2

B.D. REF :

CLIENT :
SUN HUNG KAI
REAL ESTATE AGENCY LTD.
42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :
lwk&partners
architects

MAIN CONTRACTOR :
Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
1. ALL DIMENSIONS ARE IN mm.
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LEGEND :
X1 - DETAIL MARK NO.
X001 - REFER SHEET NO.
1. F.F.L. -- FINISHED FLOOR LEVEL
2. S.F.L. -- STRUCTURAL FLOOR LEVEL
3. (R) -- REVERSED DETAIL
4. GLASS LEGEND
EGL-1 -- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EGL-1A -- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
EGL-2 -- 10mm THK. CLEAR TEMPERED GLASS
EGL-4 -- 10mm THK. TEMPERED ACID ETCHED GLASS

NO.	DATE	REVISED	BY

JOB NO. : J-859
PROJECT : PROPOSED RESIDENTIAL / COMMERCIAL DEVELOPMENT AT NKIL NO.6551 KAI TAK AREA 4C, SITE 3 KAI TAK, KOWLOON

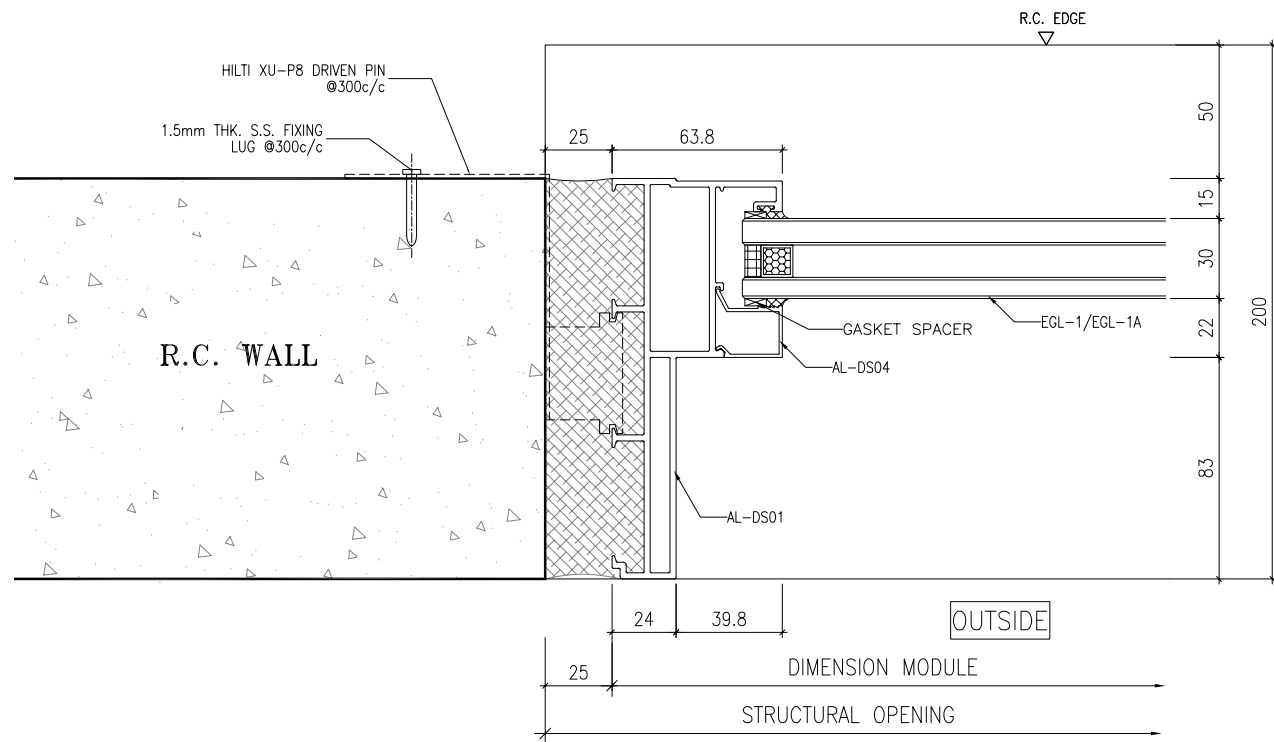
TITLE : TYPICAL DETAILS FOR IN-SITU WINDOW

DATE : 10-Nov-21 SCALE : 1:2

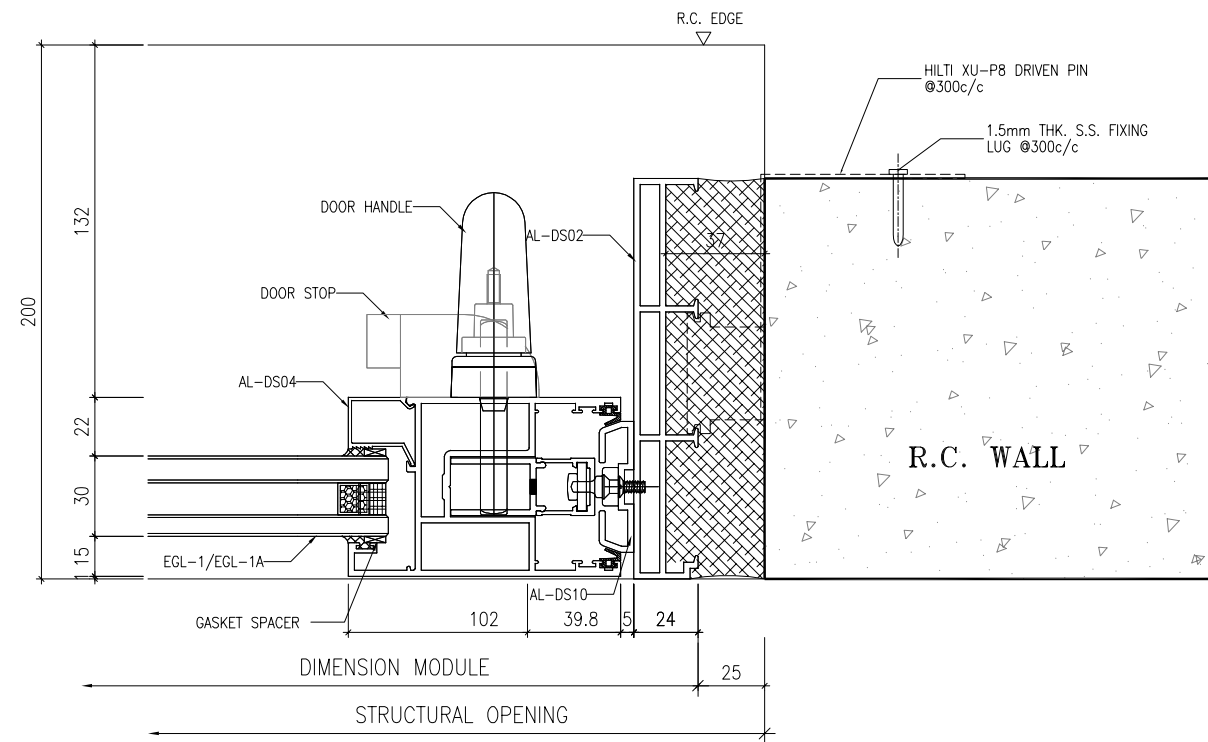
DRAWN BY : Ivan CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-6D23 REV. : -



1 HORIZONTAL DETAIL
SCALE 1:2



2 HORIZONTAL DETAIL
SCALE 1:2

B.D. REF :

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42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

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STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
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EGL-1A--8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
EGL-2--10mm THK. CLEAR TEMPERED GLASS
EGL-4--10mm THK. TEMPERED ACID ETCHED GLASS

NO.	DATE	REVISED	BY

JOB NO. : J-859
PROJECT : PROPOSED RESIDENTIAL / COMMERCIAL DEVELOPMENT AT NKIL NO.6551 KAI TAK AREA 4C, SITE 3 KAI TAK, KOWLOON

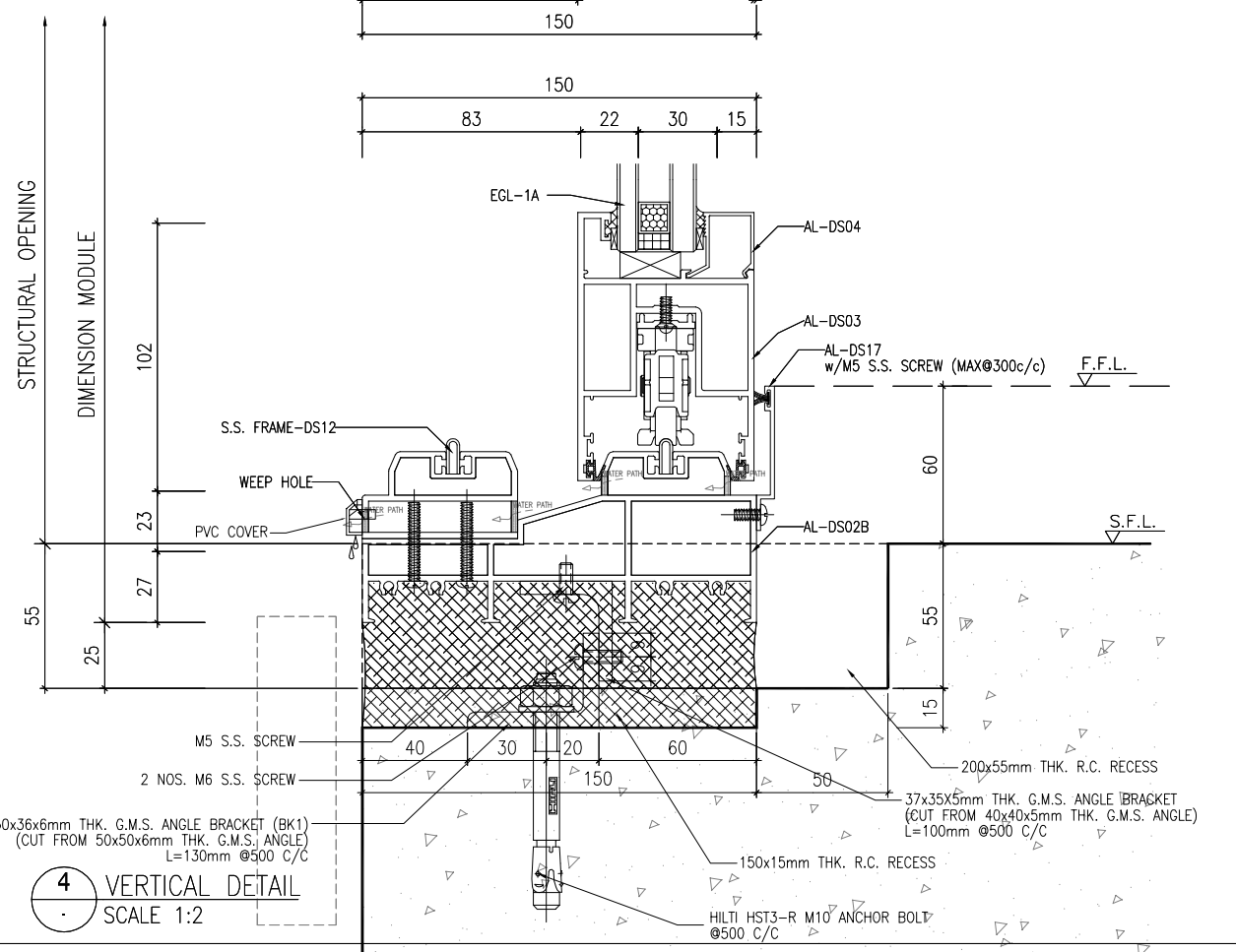
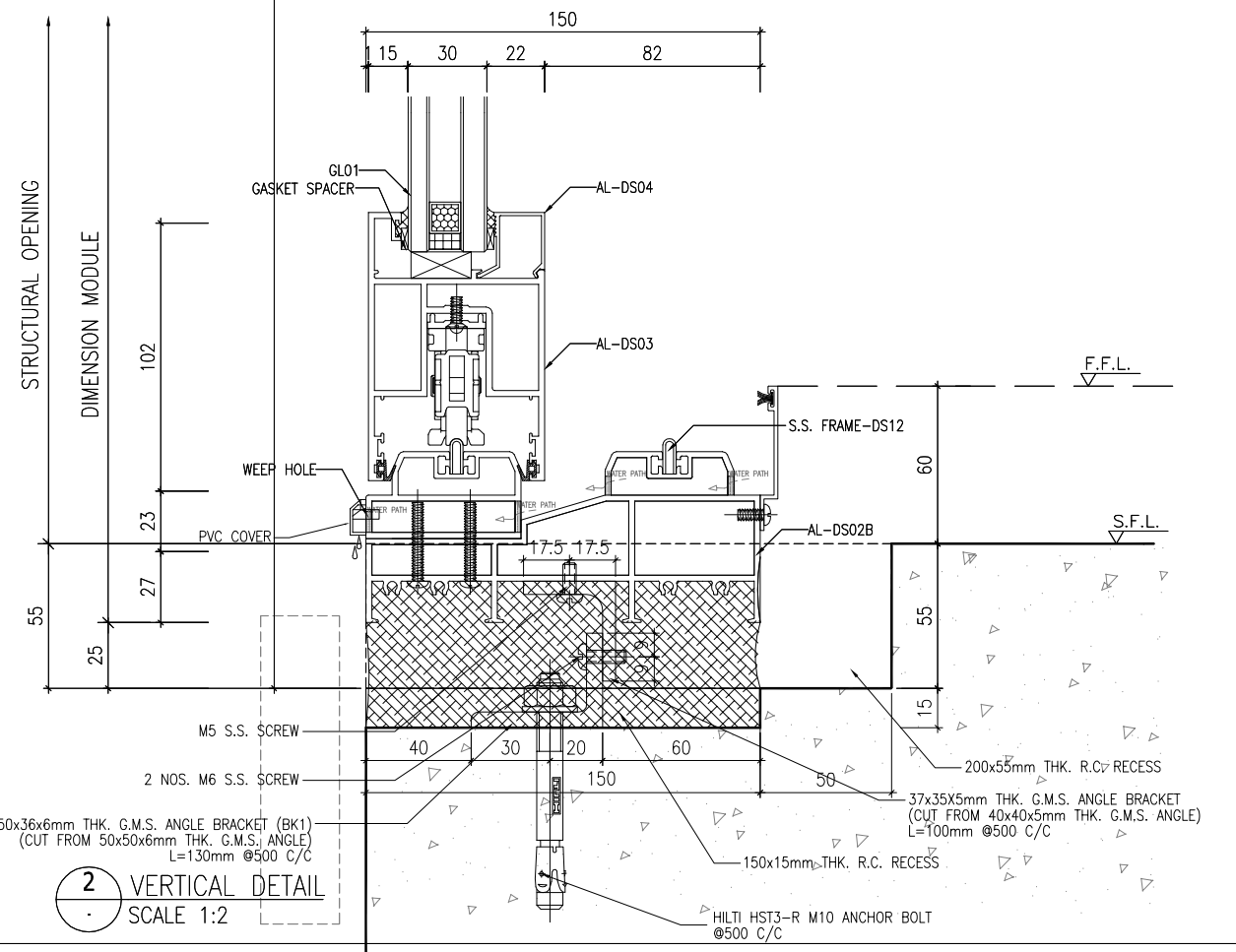
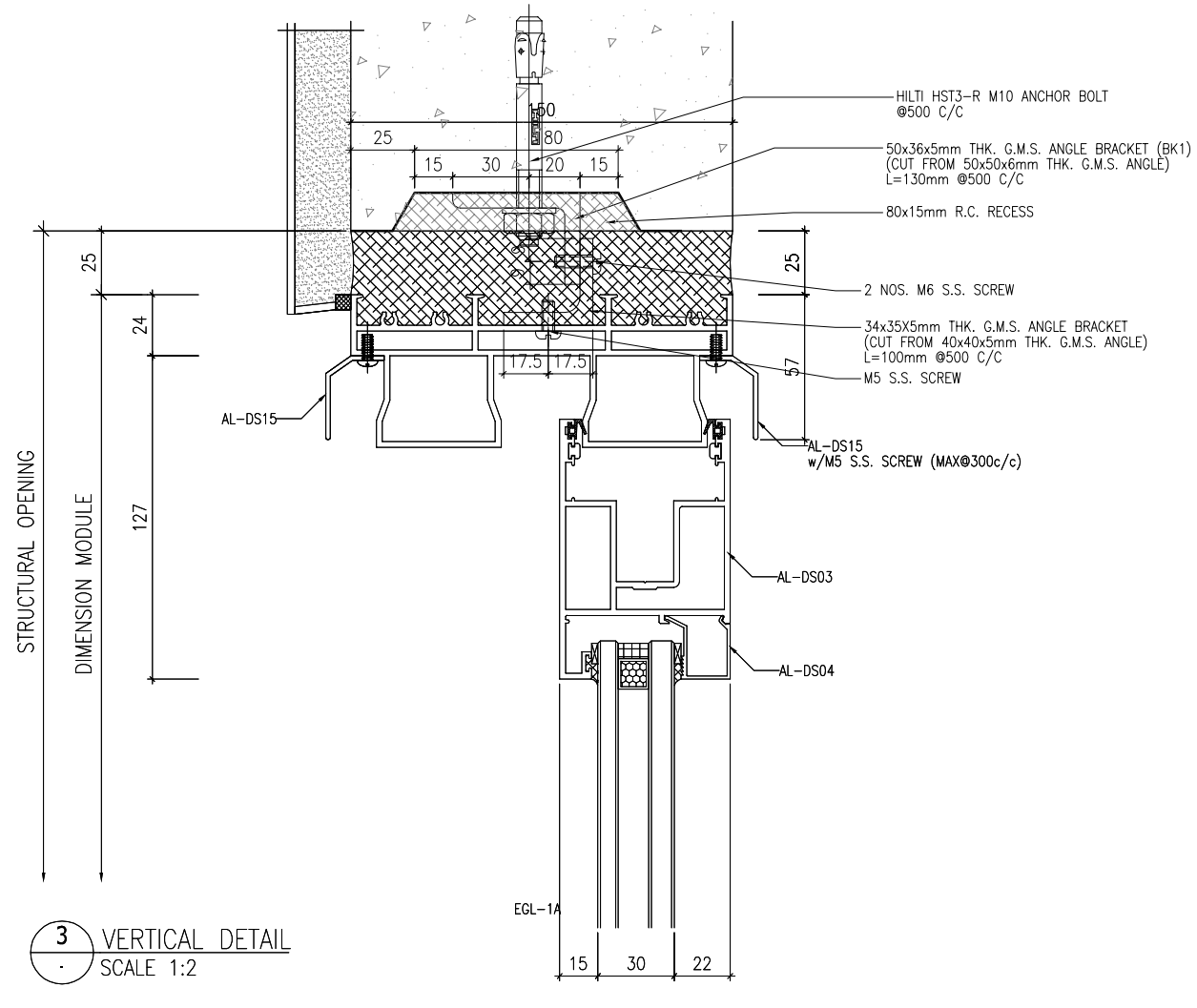
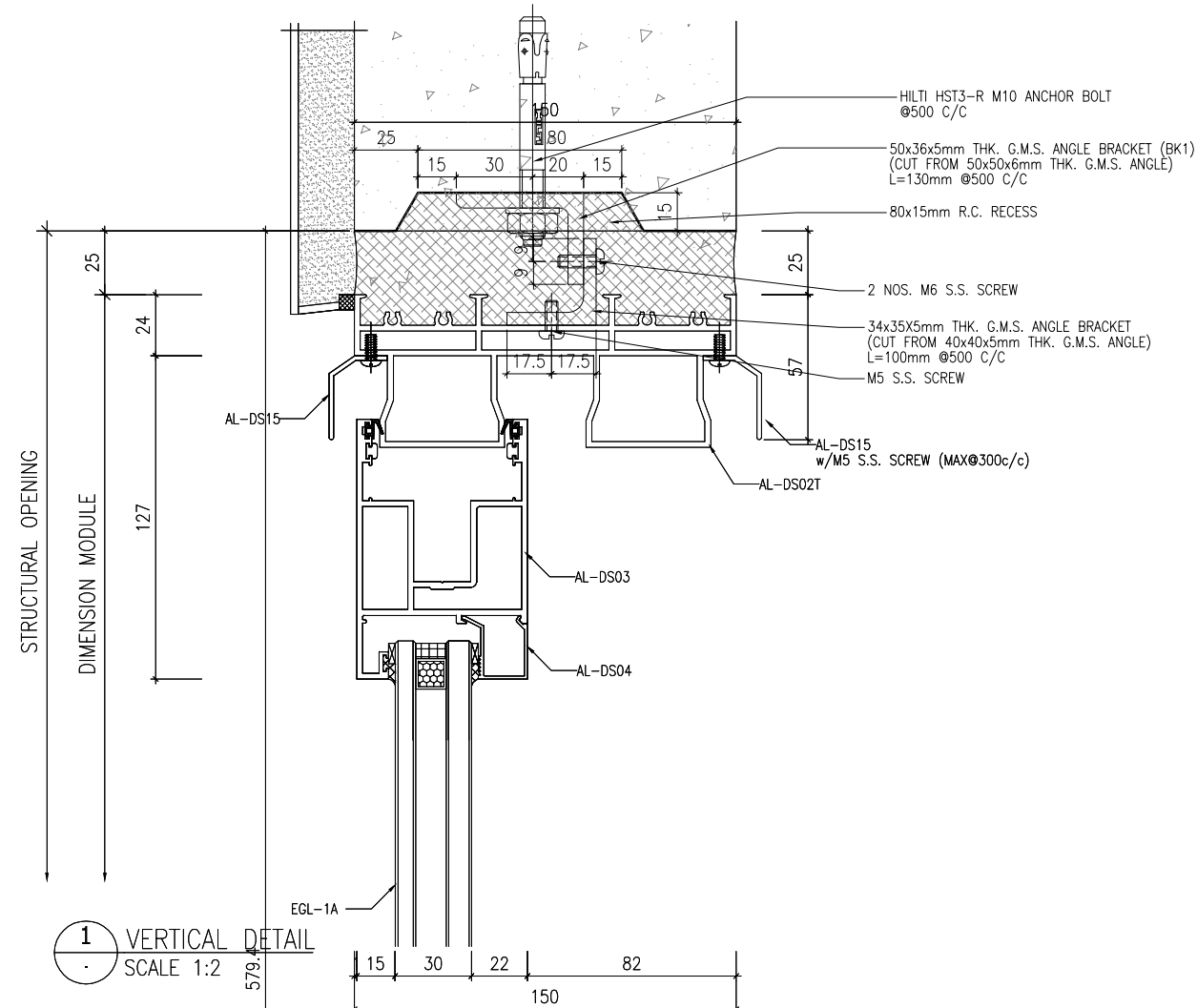
TITLE : TYPICAL DETAILS FOR IN-SITU. WINDOW

DATE : 10-Nov-21 SCALE : 1:2

DRAWN BY : Ivan CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-6D20 REV. : -



B.D. REF :

CLIENT :
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 REAL ESTATE AGENCY LTD.
 42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :
IWK&partners
 architects

MAIN CONTRACTOR :
Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
 Steel Structure & Facade Specialist

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 EGL-2--10mm THK. CLEAR TEMPERED GLASS
 EGL-4--10mm THK. TEMPERED ACID ETCHED GLASS

NO.	DATE	REVISED	BY

JOB NO. : J-859

PROJECT :
 PROPOSED RESIDENTIAL / COMMERCIAL
 DEVELOPMENT AT NKIL NO.6551 KAI
 TAK AREA 4C, SITE 3
 KAI TAK, KOWLOON

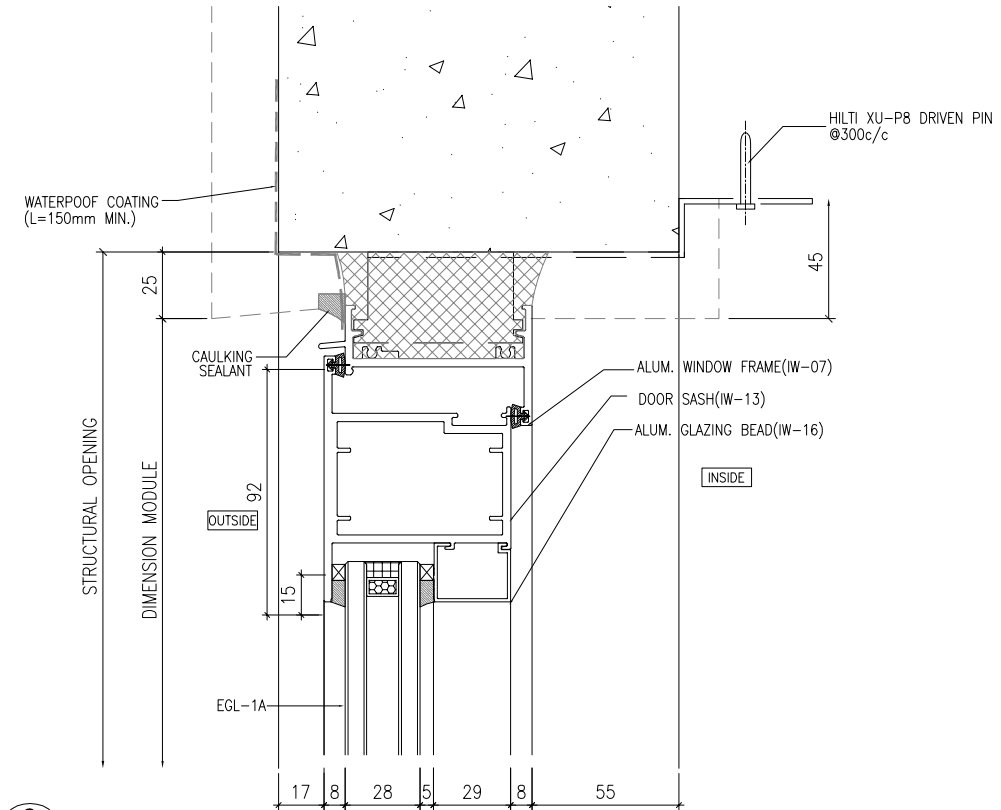
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 TYPICAL DETAILS FOR
 IN-SITU WINDOW

DATE : 10-Nov-21 SCALE : 1:2

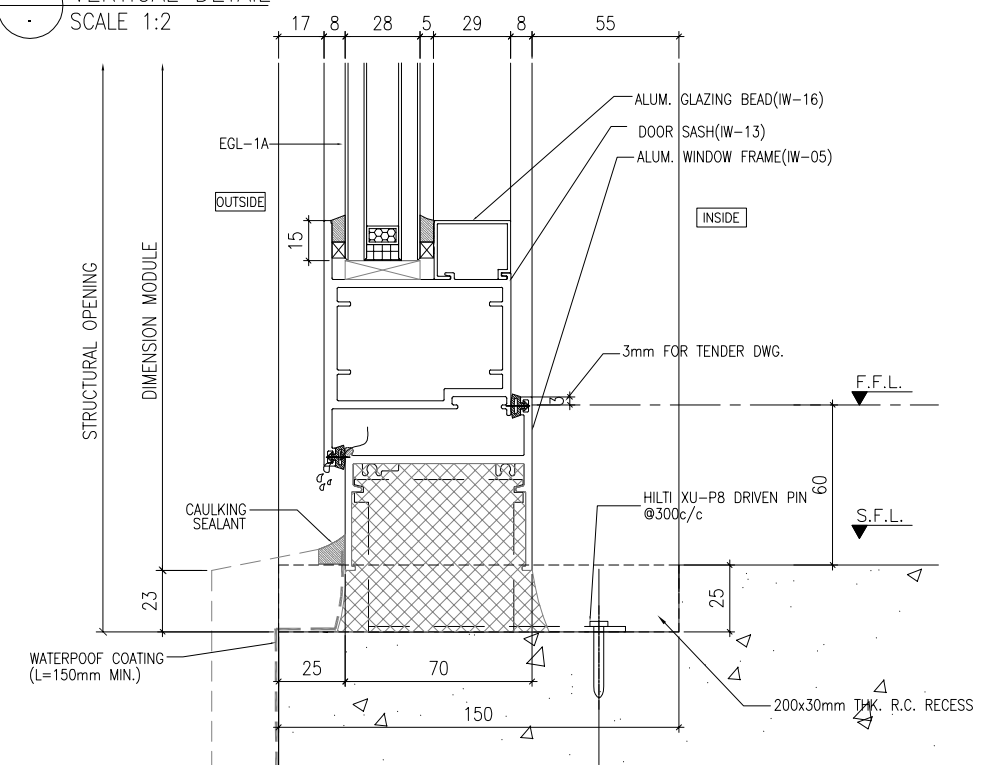
DRAWN BY : Ivan CHECKED BY :

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 Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-IW-7021 REV. : -



3 VERTICAL DETAIL
SCALE 1:2



4 VERTICAL DETAIL
SCALE 1:2

B.D. REF :

CLIENT :
SUN HUNG KAI
REAL ESTATE AGENCY LTD.
42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :
lwk&partners
architects

MAIN CONTRACTOR :
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STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
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EGL-2--10mm THK. CLEAR TEMPERED GLASS
EGL-4--10mm THK. TEMPERED ACID ETCHED GLASS

NO.	DATE	REVISED	BY

JOB NO. : J-859
PROJECT : PROPOSED RESIDENTIAL / COMMERCIAL DEVELOPMENT AT NKIL NO.6551 KAI TAK AREA 4C, SITE 3 KAI TAK, KOWLOON

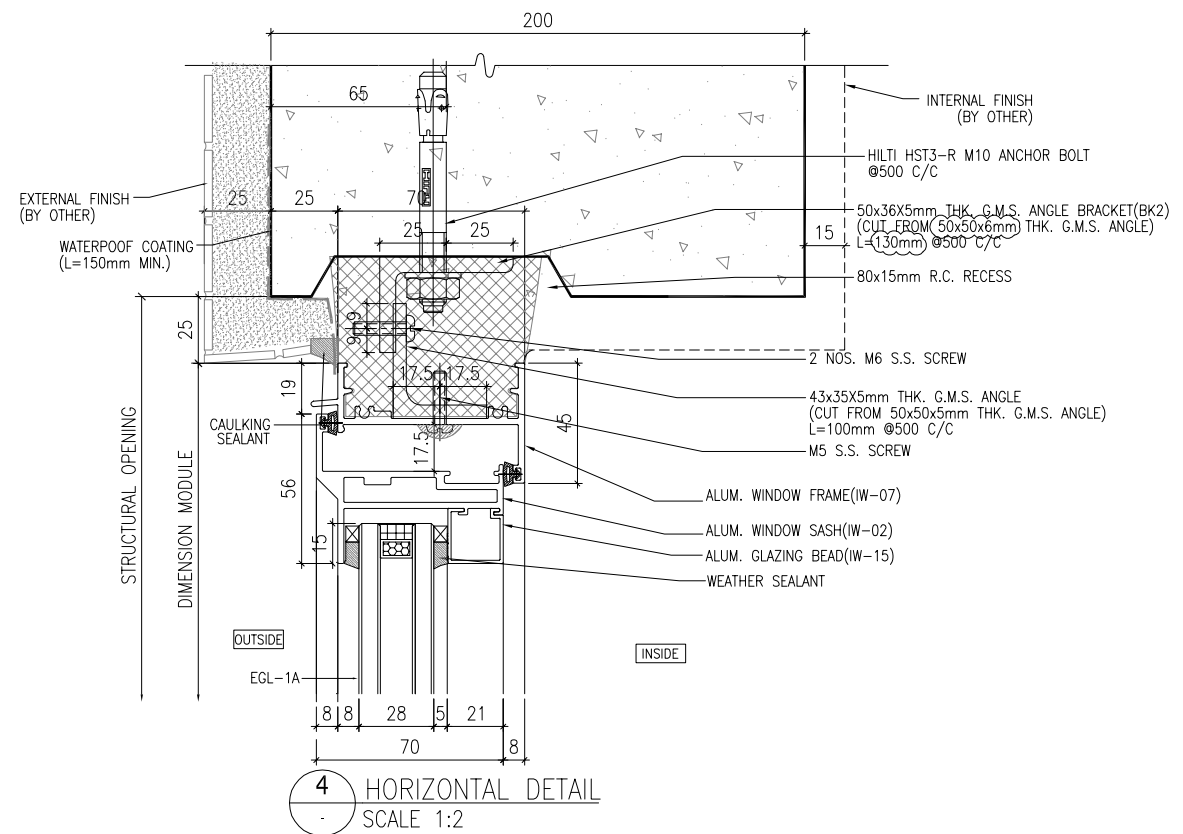
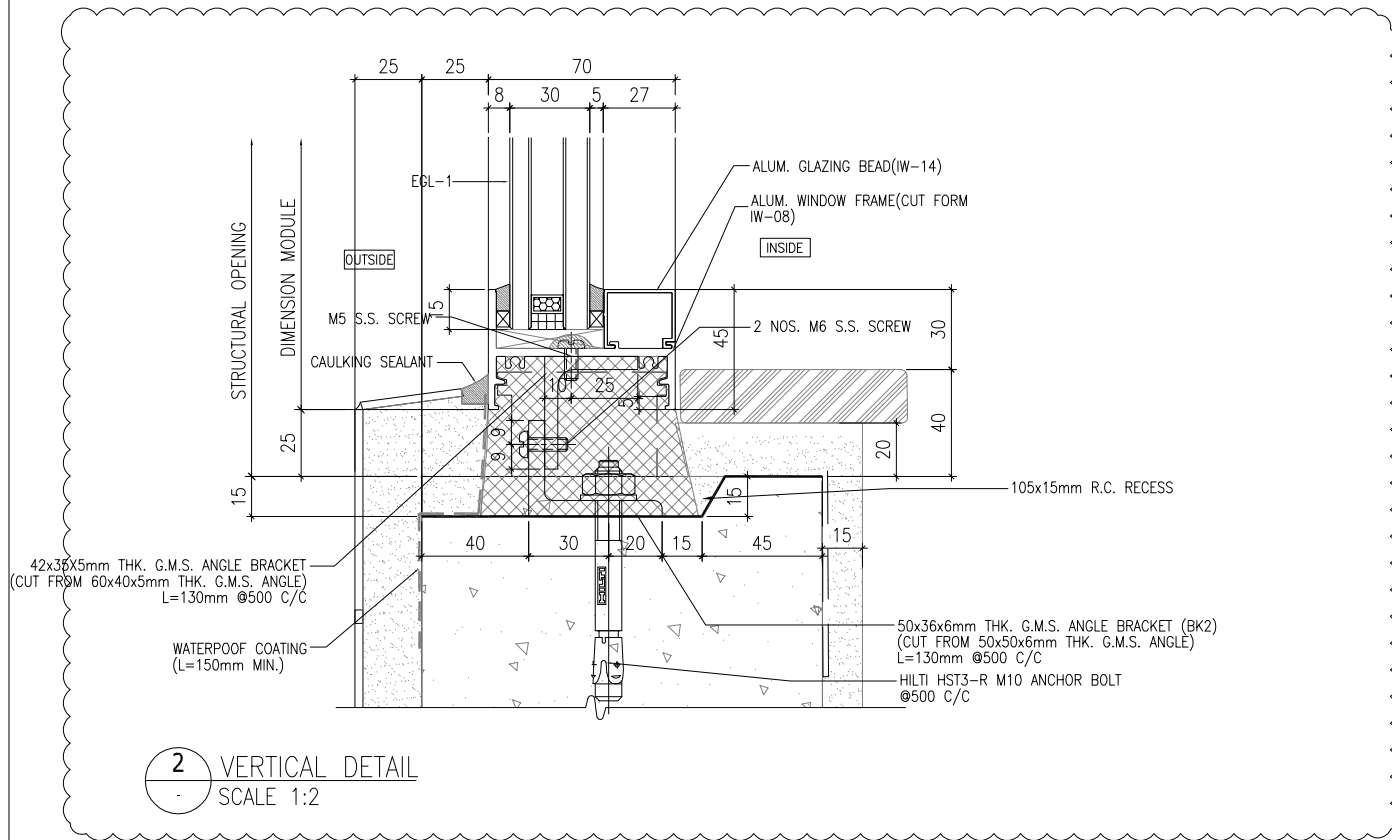
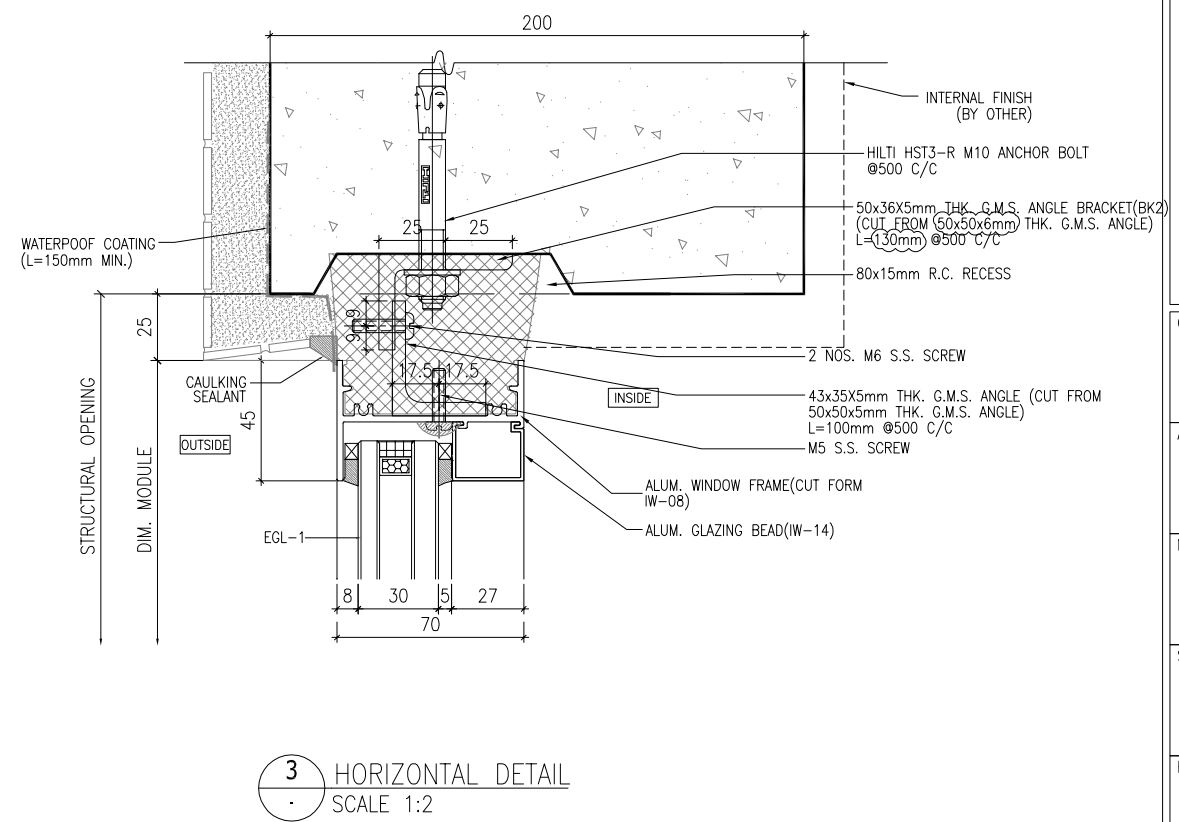
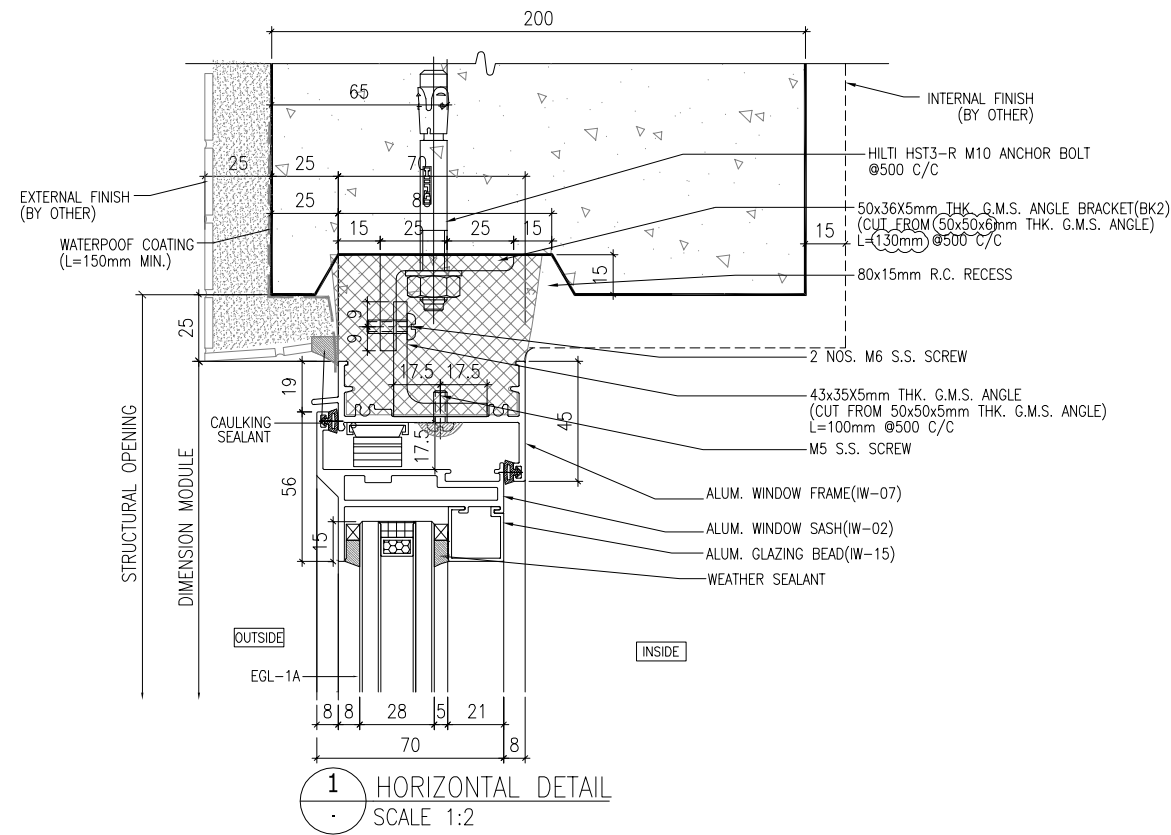
TITLE : TYPICAL DETAILS FOR IN-SITU. WINDOW

DATE : 10-Nov-21 SCALE : 1:2

DRAWN BY : Ivan CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-7022 REV. : -



B.D. REF :

CLIENT :
SUN HUNG KAI
REAL ESTATE AGENCY LTD.
42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :
lwk&partners
architects

MAIN CONTRACTOR :
Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :
ARUP

FAÇADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Façade Specialist

NOTE :
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LEGEND :
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X001 - REFER SHEET NO.

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3. (R) -- REVERSED DETAIL
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EGL-1A--8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
EGL-2--10mm THK. CLEAR TEMPERED GLASS
EGL-4--10mm THK. TEMPERED ACID ETCHED GLASS

NO.	DATE	REVISED	BY

JOB NO. : J-859
PROJECT : PROPOSED RESIDENTIAL / COMMERCIAL DEVELOPMENT AT NKIL NO.6551 KAI TAK AREA 4C, SITE 3 KAI TAK, KOWLOON

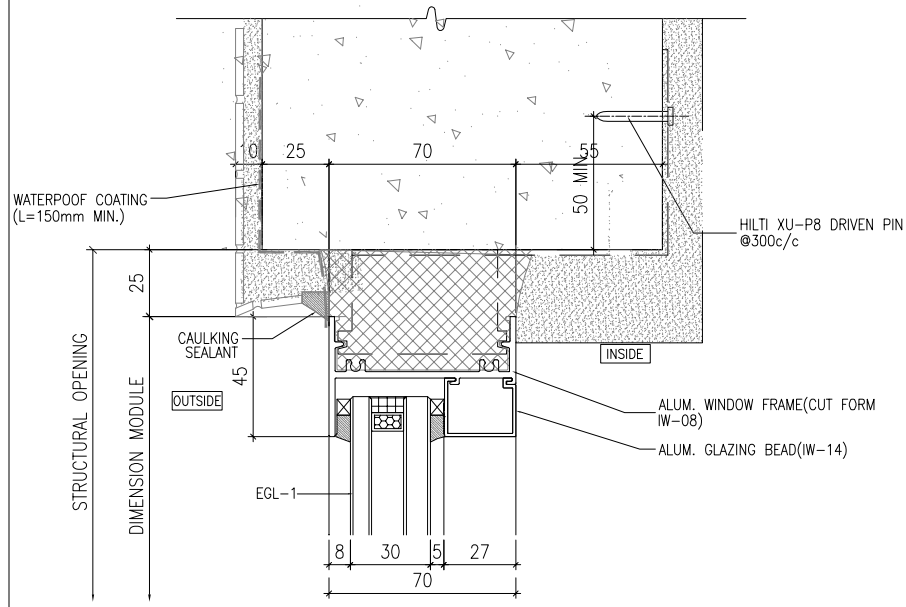
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DATE : 10-Nov-21 SCALE : 1:2

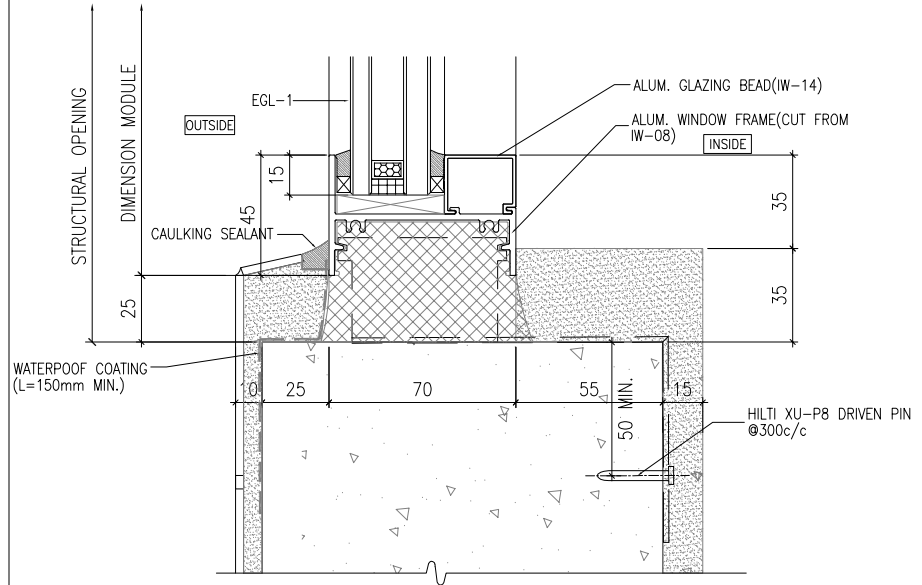
DRAWN BY : Ivan CHECKED BY :

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DWG NO. : J856-SD-IW-7023 REV. : -



1 HORIZONTAL DETAIL
SCALE 1:2



2 HORIZONTAL DETAIL
SCALE 1:2

B.D. REF :

CLIENT :

SUN HUNG KAI
REAL ESTATE AGENCY LTD.
42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :

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STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

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NO.	DATE	REVISED	BY

JOB NO. : J-859

PROJECT : PROPOSED RESIDENTIAL / COMMERCIAL DEVELOPMENT AT NKIL NO.6551 KAI TAK AREA 4C, SITE 3 KAI TAK, KOWLOON

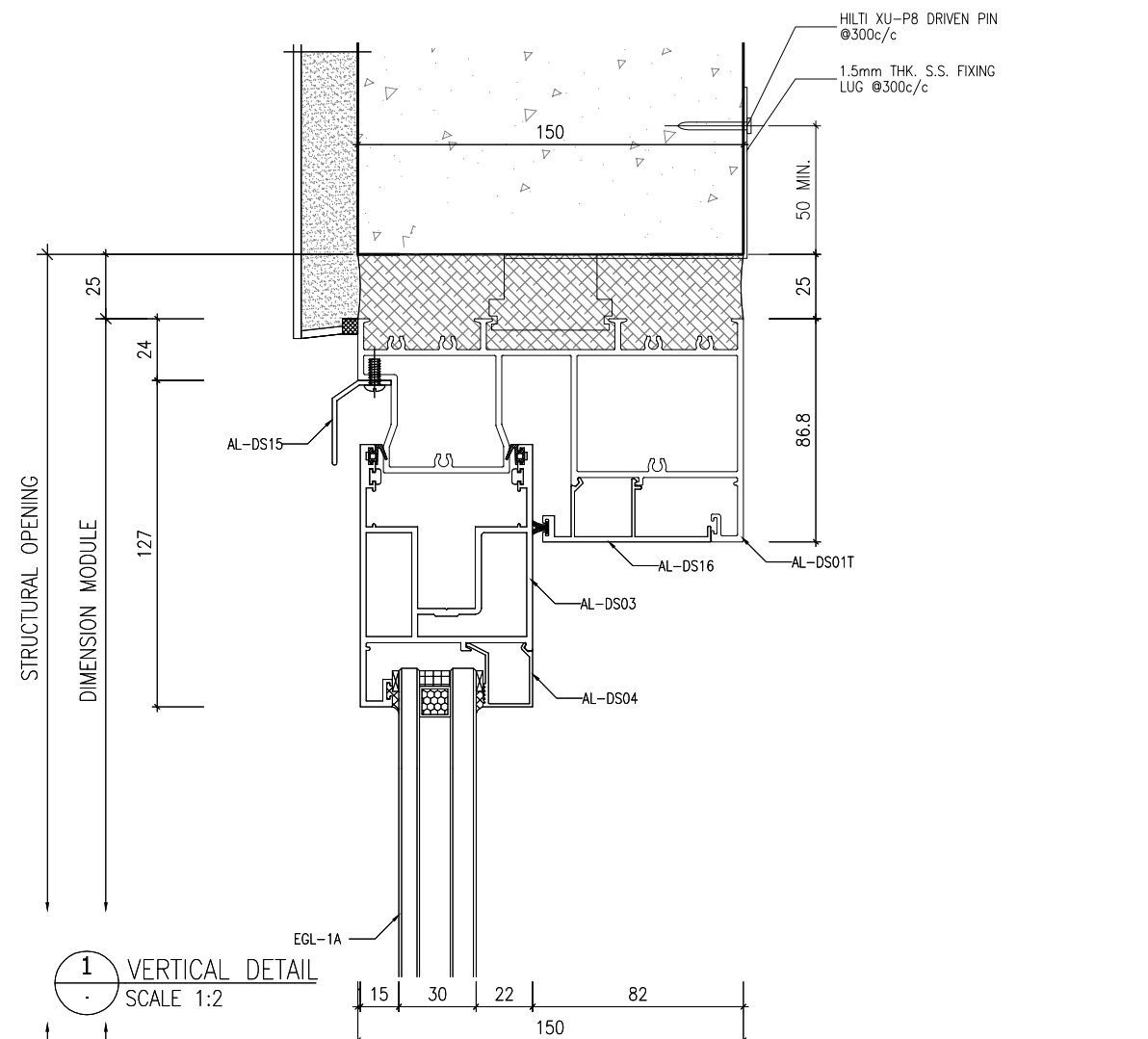
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DATE : 10-Nov-21 SCALE : 1:2

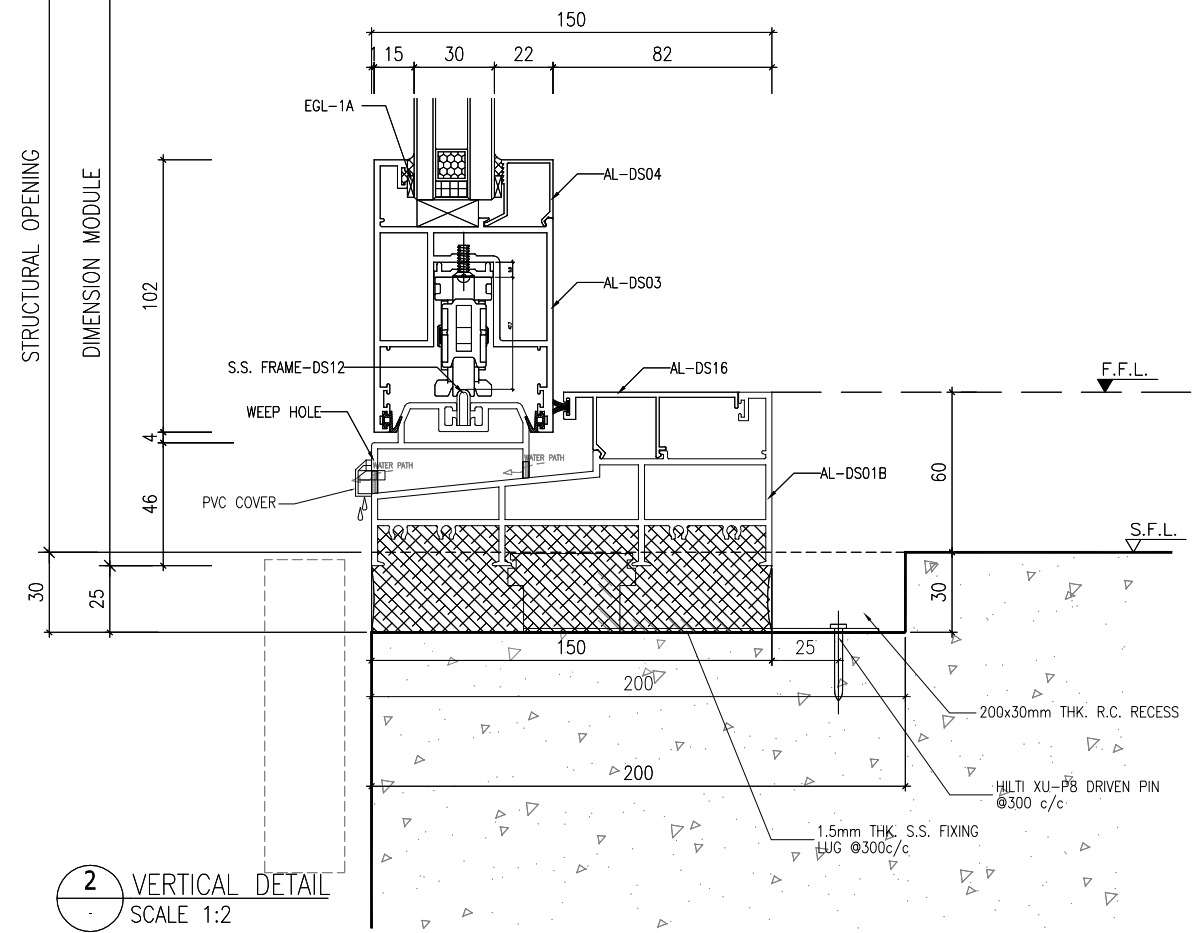
DRAWN BY : Ivan CHECKED BY :

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Units 6-8, Sunray Industrial Centre, 1/F
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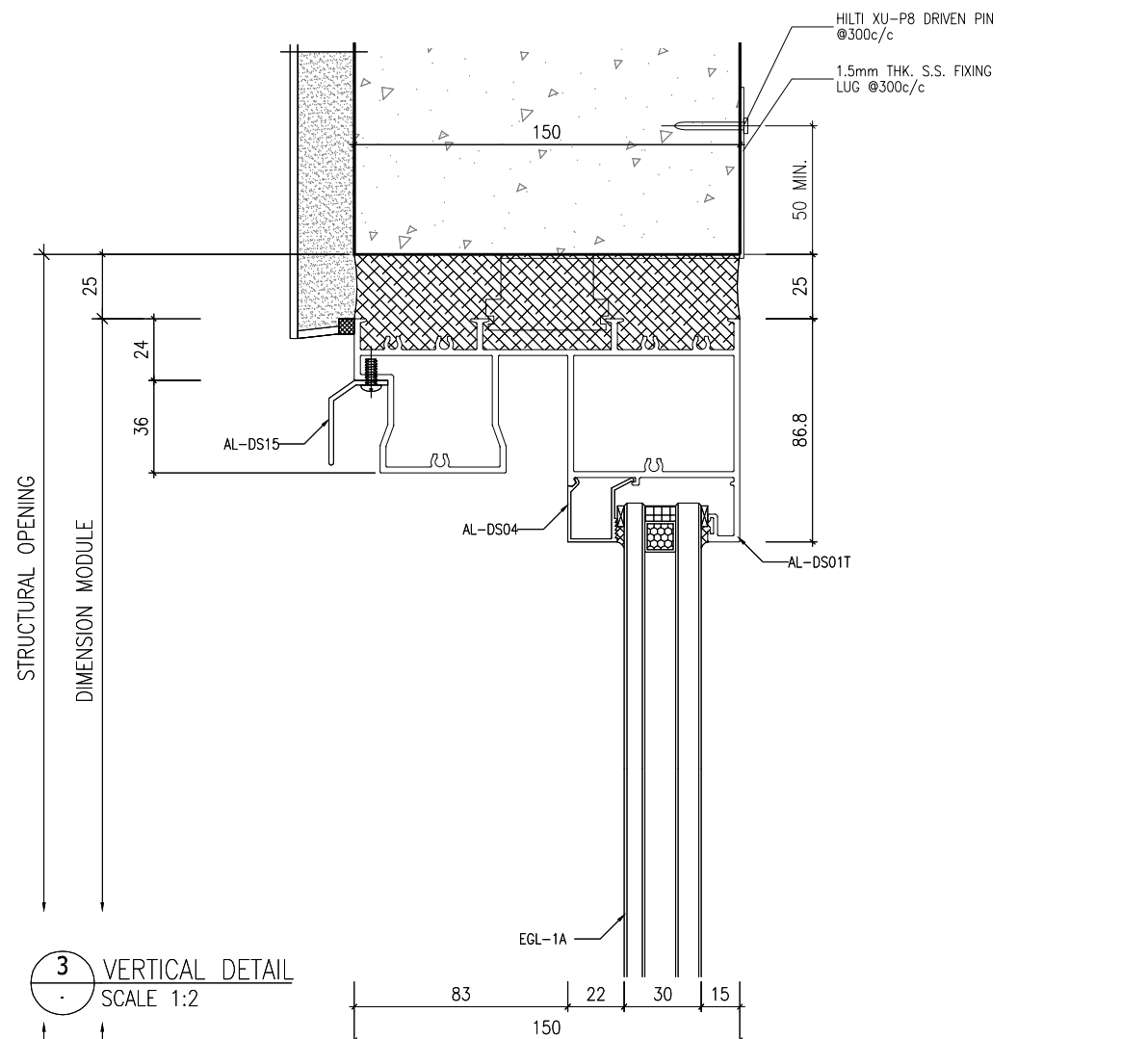
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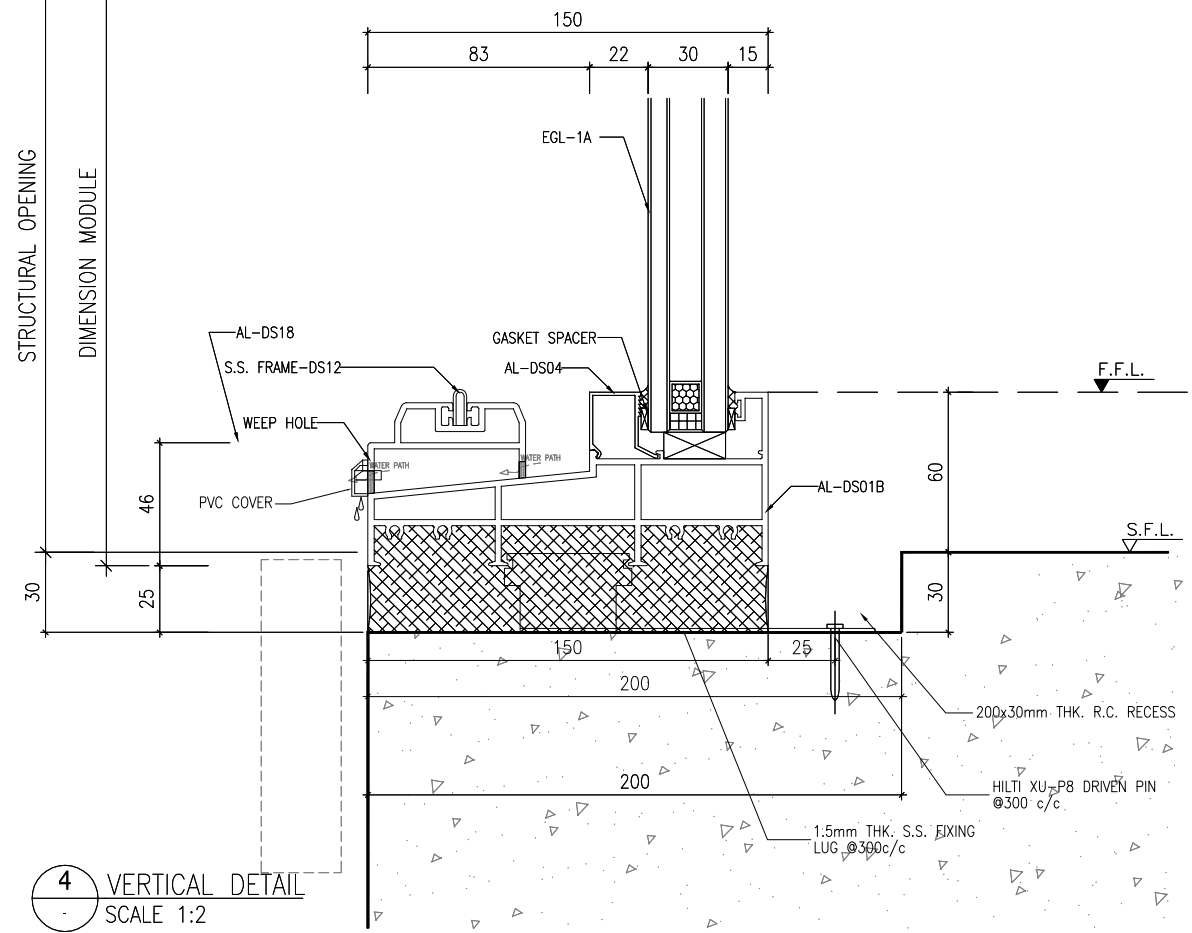
1 VERTICAL DETAIL
SCALE 1:2



2 VERTICAL DETAIL
SCALE 1:2



3 VERTICAL DETAIL
SCALE 1:2



4 VERTICAL DETAIL
SCALE 1:2

B.D. REF : _____

CLIENT :
SUN HUNG KAI
 REAL ESTATE AGENCY LTD.
 42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :
IWK&partners
 architects

MAIN CONTRACTOR :
Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
 Steel Structure & Facade Specialist

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NO.	DATE	REVISED	BY

JOB NO. : J-859

PROJECT :
 PROPOSED RESIDENTIAL / COMMERCIAL
 DEVELOPMENT AT NKIL NO.6551 KAI
 TAK AREA 4C, SITE 3
 KAI TAK, KOWLOON

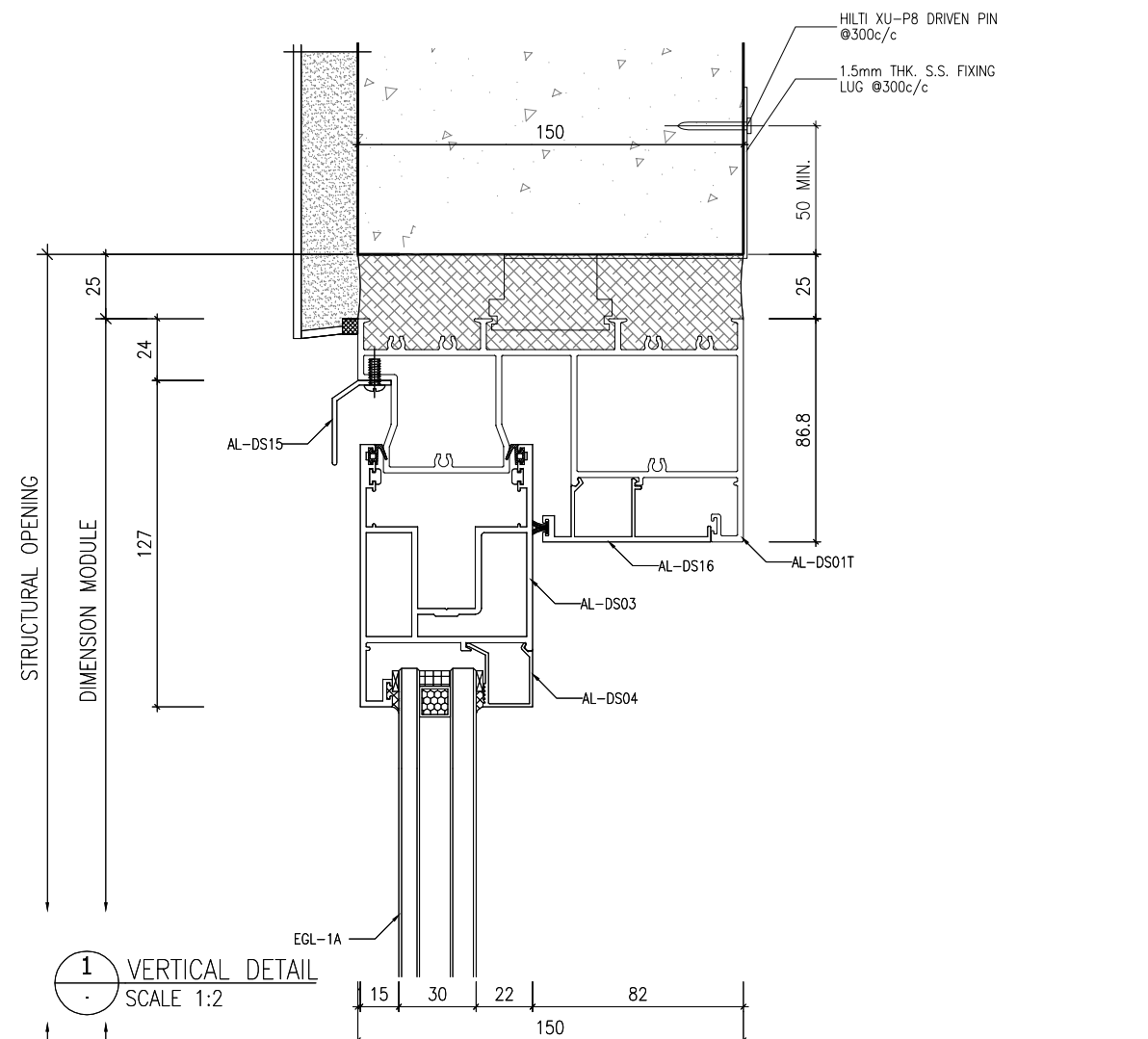
TITLE :
 TYPICAL DETAILS FOR
 IN-SITU. WINDOW

DATE : 10-Nov-21 SCALE : 1:2

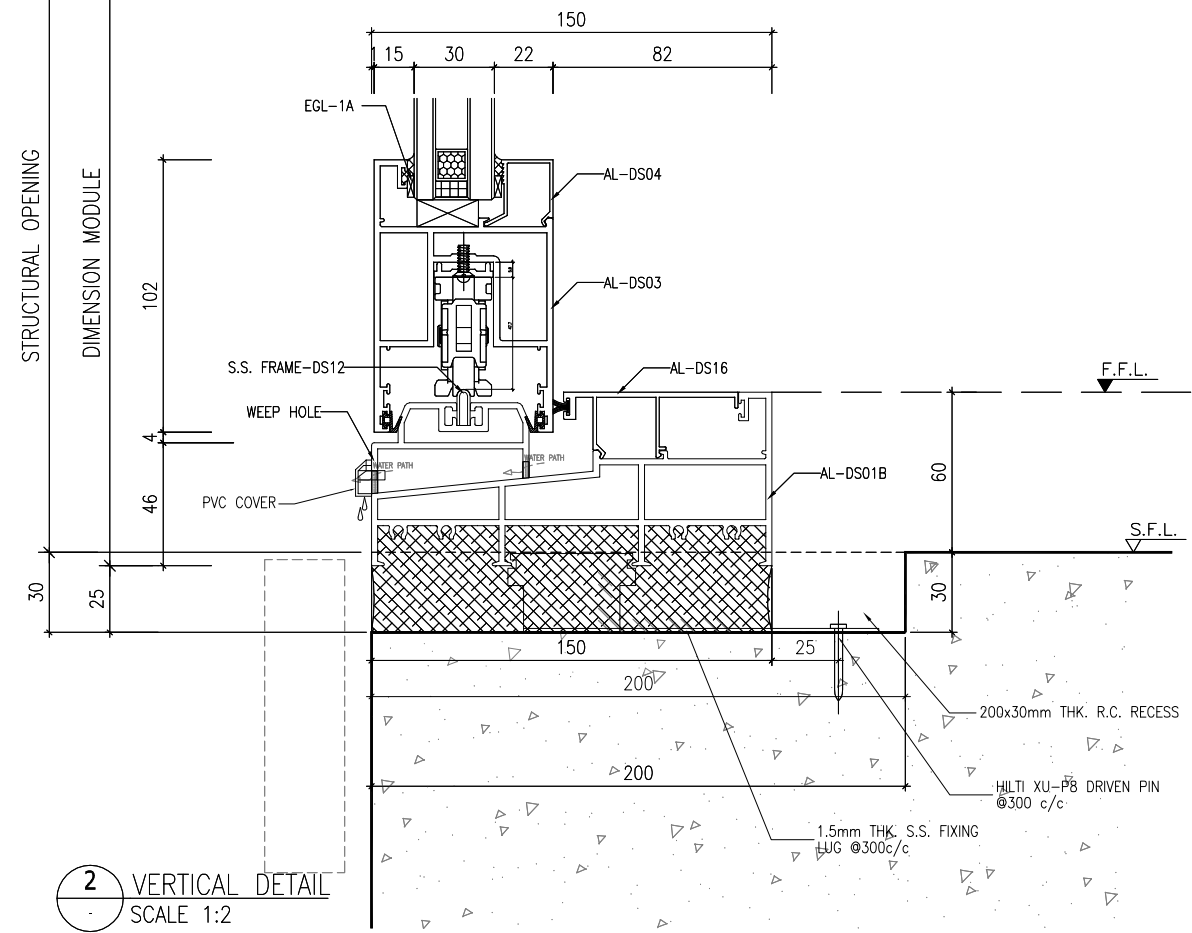
DRAWN BY : Ivan CHECKED BY : _____

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 Tel:23489211-4 Fax:(852)2727666

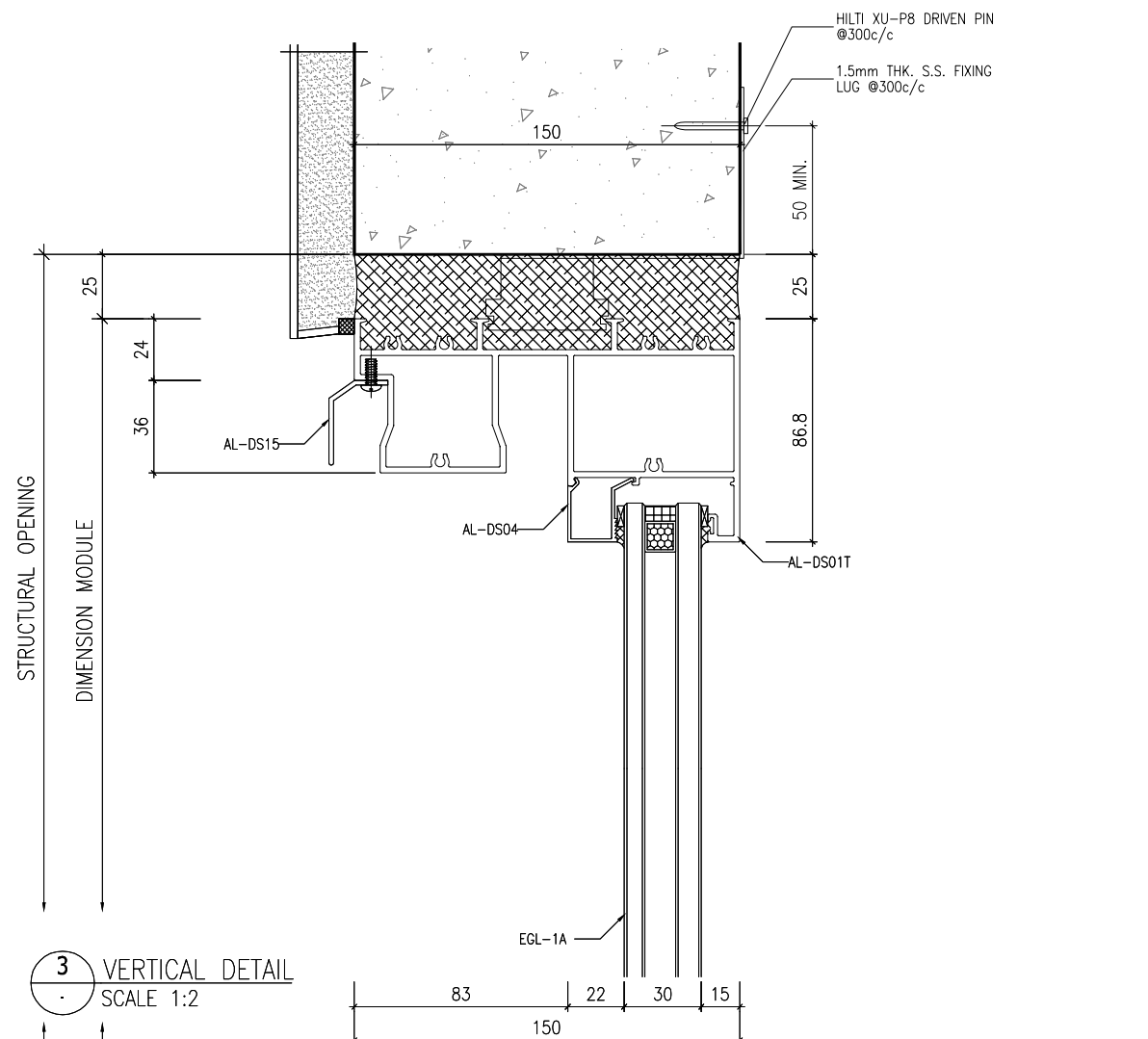
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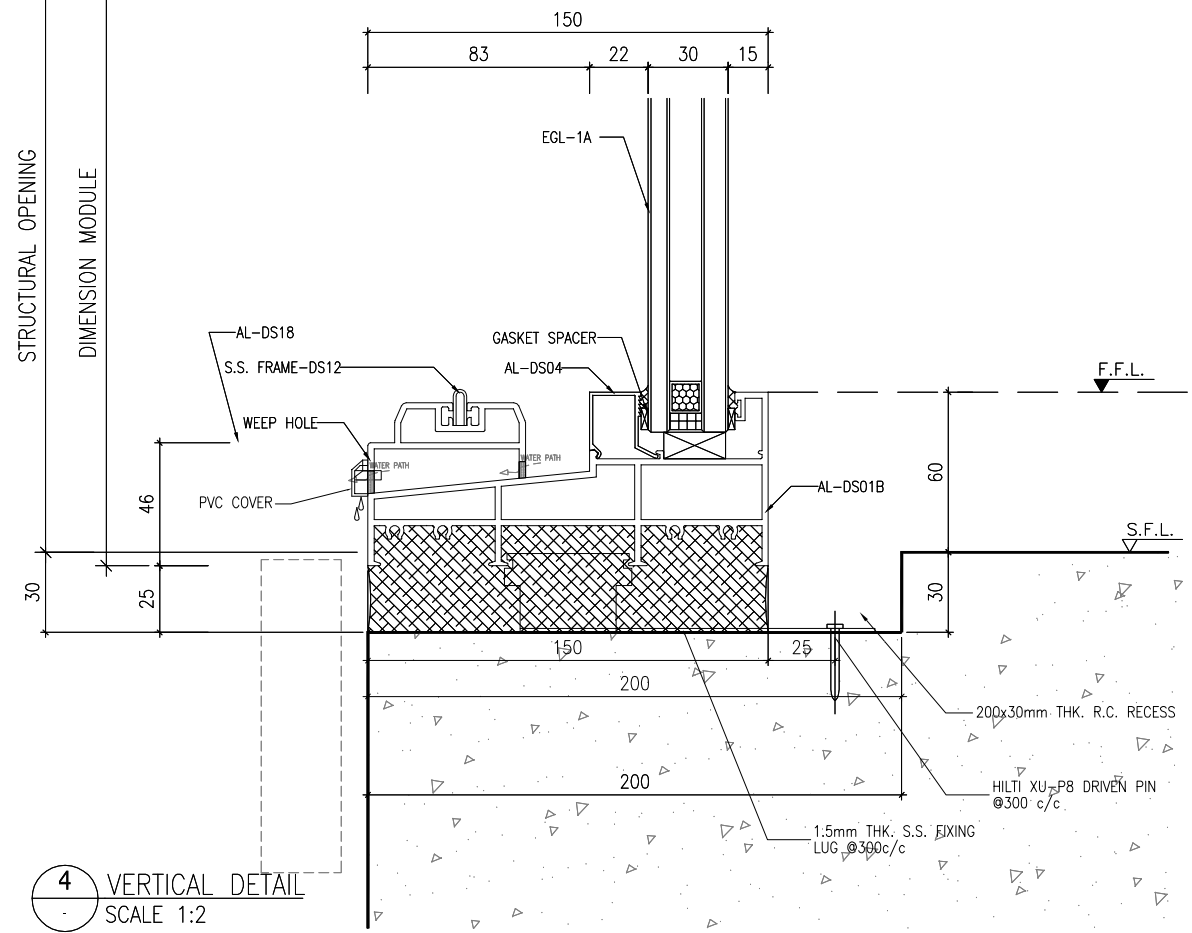
1 VERTICAL DETAIL
SCALE 1:2



2 VERTICAL DETAIL
SCALE 1:2



3 VERTICAL DETAIL
SCALE 1:2



4 VERTICAL DETAIL
SCALE 1:2

B.D. REF : _____

CLIENT :
SUN HUNG KAI
 REAL ESTATE AGENCY LTD.
 42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :
IWK&partners
 architects

MAIN CONTRACTOR :
Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
 Steel Structure & Facade Specialist

NOTE :
 1. ALL DIMENSIONS ARE IN mm.
 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

LEGEND :
 X1 --- DETAIL MARK NO.
 X001 --- REFER SHEET NO.

1. F.F.L. --- FINISHED FLOOR LEVEL
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 3. (R) --- REVERSED DETAIL
 4. GLASS LEGEND
 EGL-1--8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
 EGL-1A--8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 EGL-2--10mm THK. CLEAR TEMPERED GLASS
 EGL-4--10mm THK. TEMPERED ACID ETCHED GLASS

NO.	DATE	REVISED	BY

JOB NO. : J-859

PROJECT :
 PROPOSED RESIDENTIAL / COMMERCIAL
 DEVELOPMENT AT NKIL NO.6551 KAI
 TAK AREA 4C, SITE 3
 KAI TAK, KOWLOON

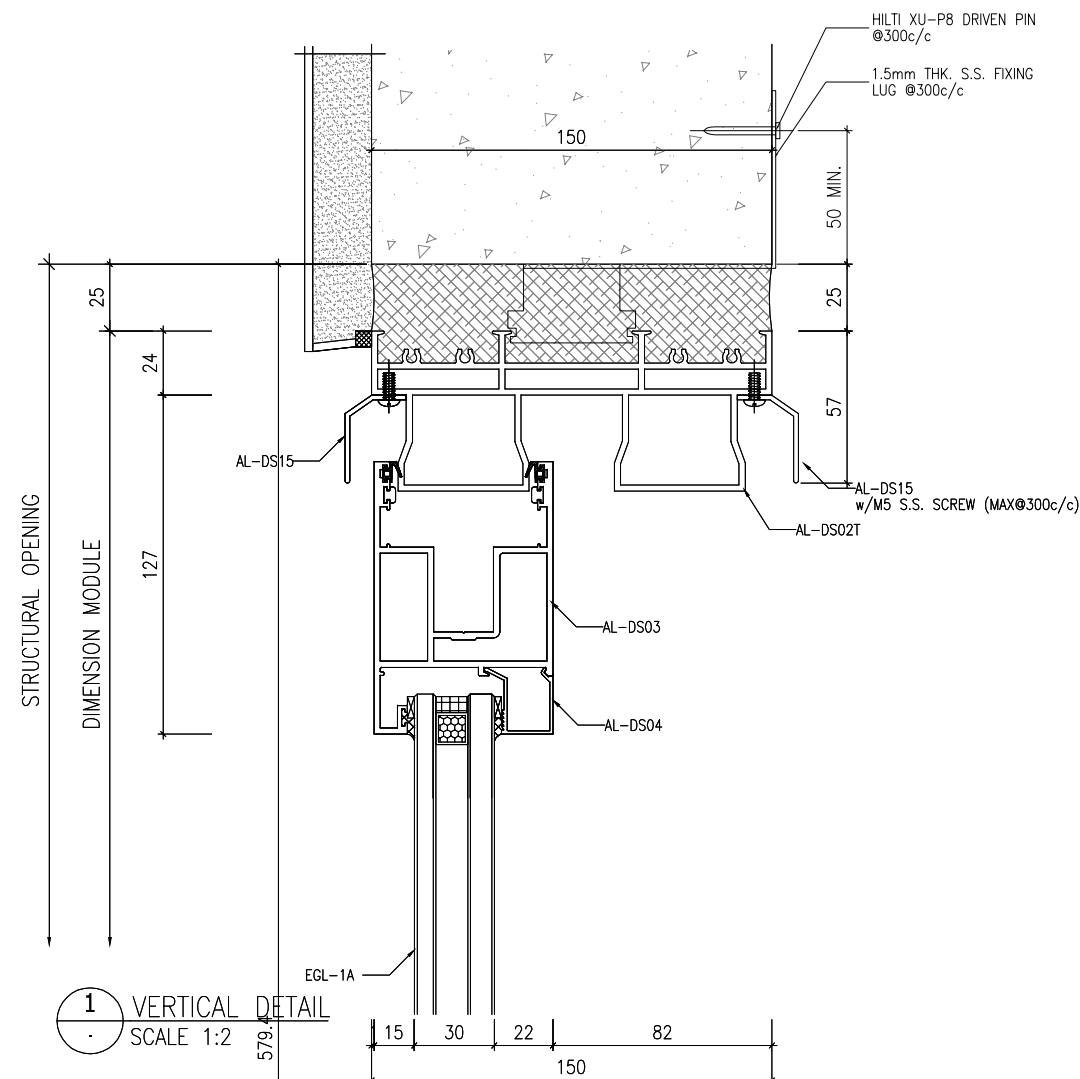
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 TYPICAL DETAILS FOR
 IN-SITU. WINDOW

DATE : 10-Nov-21 SCALE : 1:2

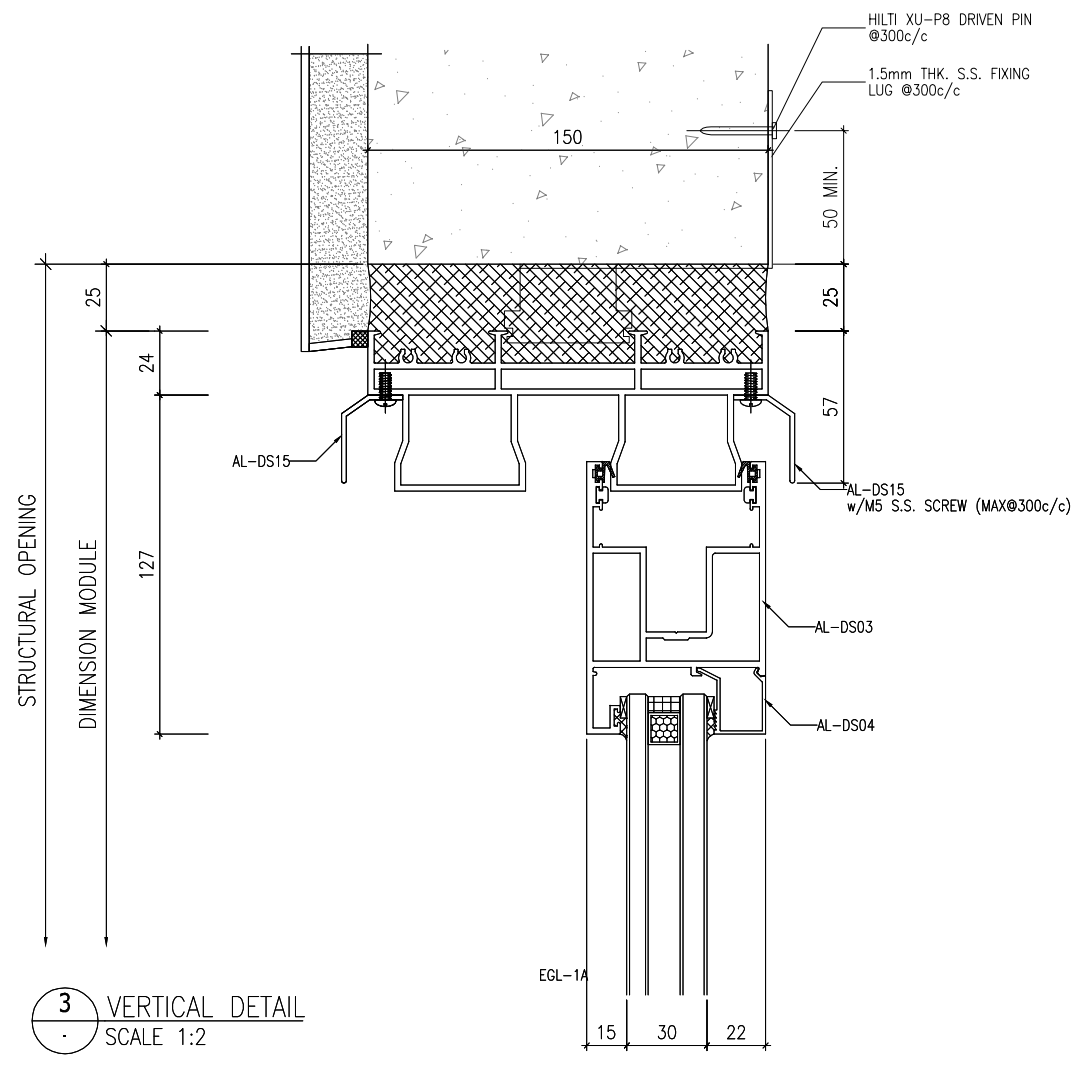
DRAWN BY : Ivan CHECKED BY : _____

美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666

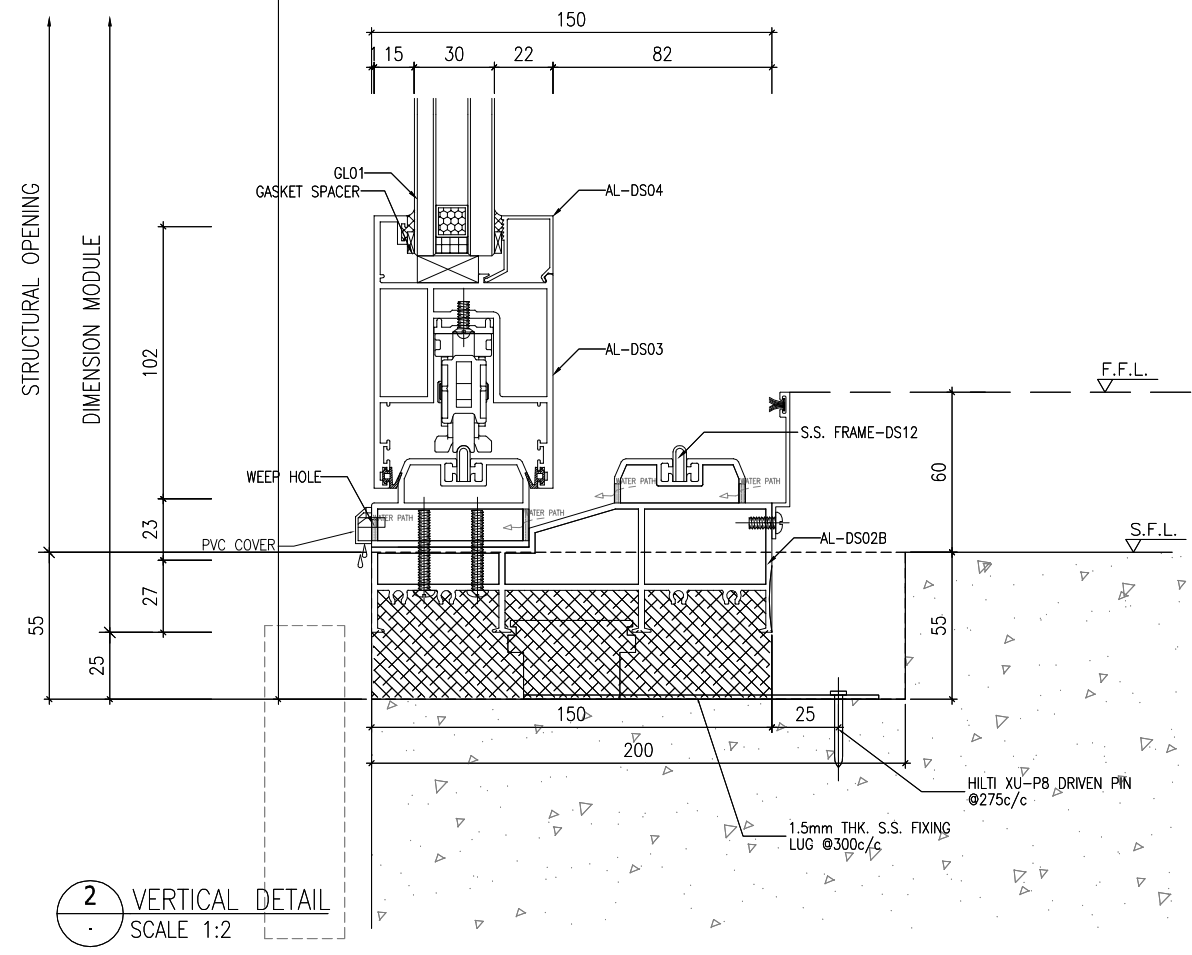
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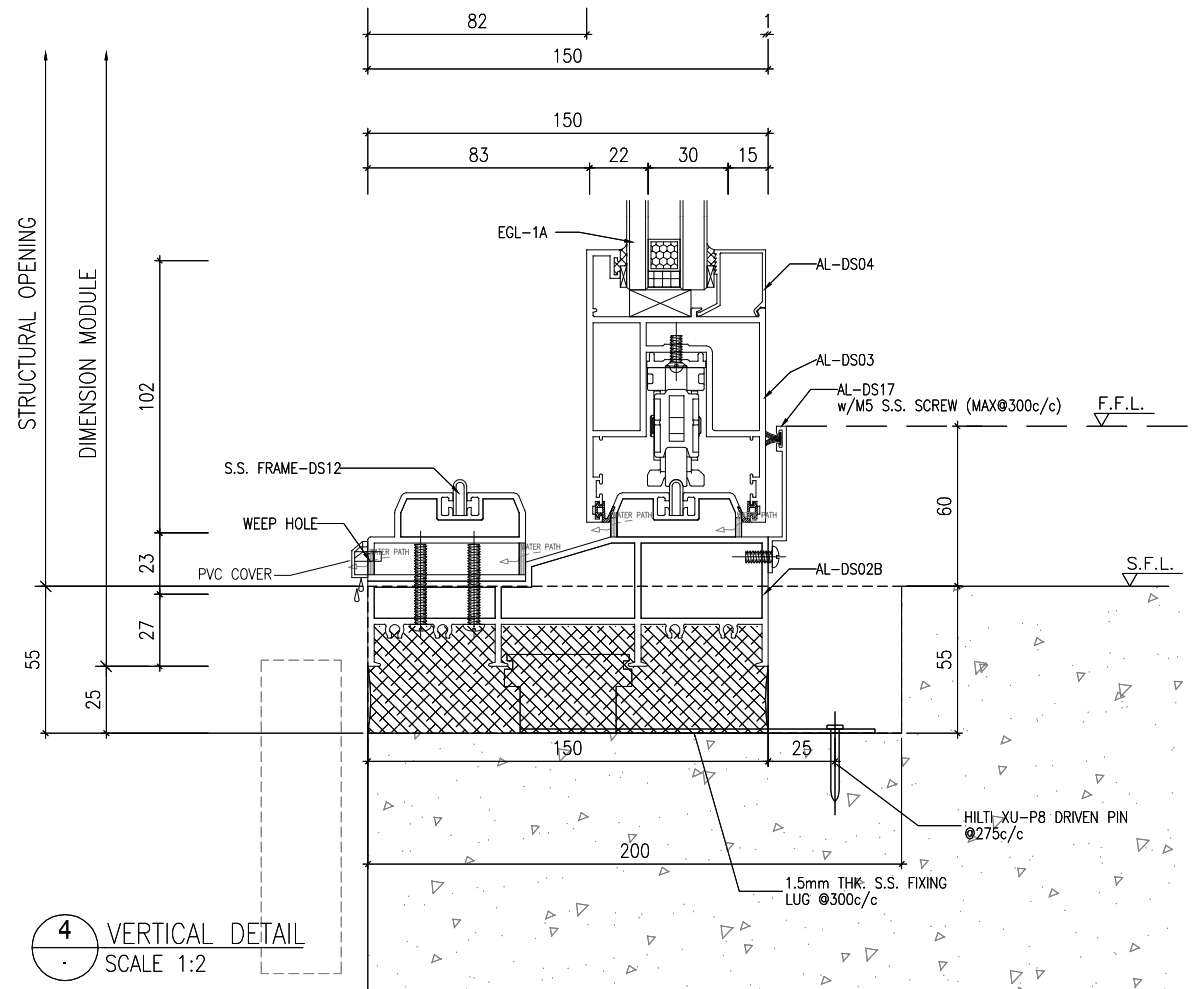
1 VERTICAL DETAIL
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SCALE 1:2



2 VERTICAL DETAIL
SCALE 1:2



4 VERTICAL DETAIL
SCALE 1:2

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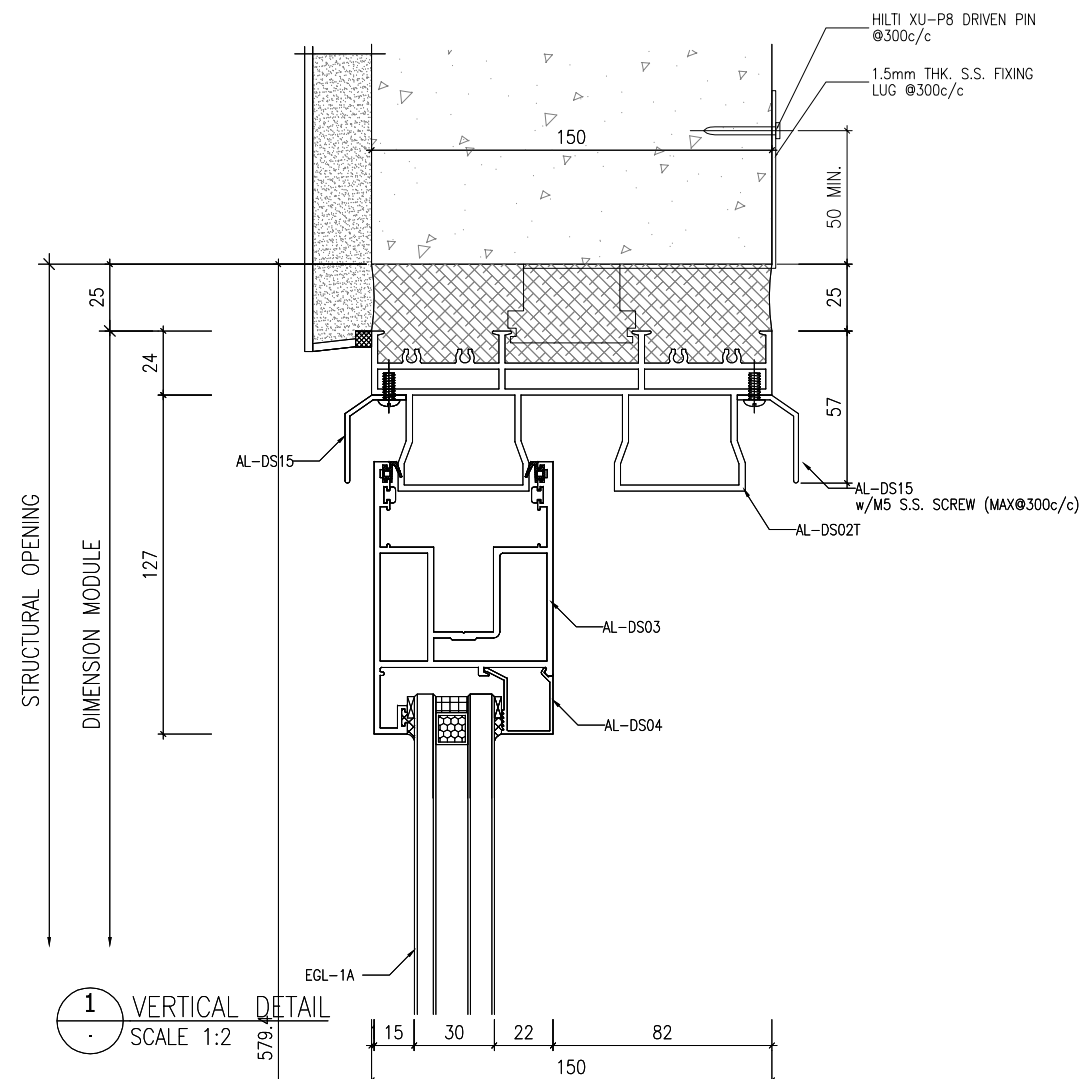
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 IN-SITU. WINDOW

DATE : 10-Nov-21 SCALE : 1:2

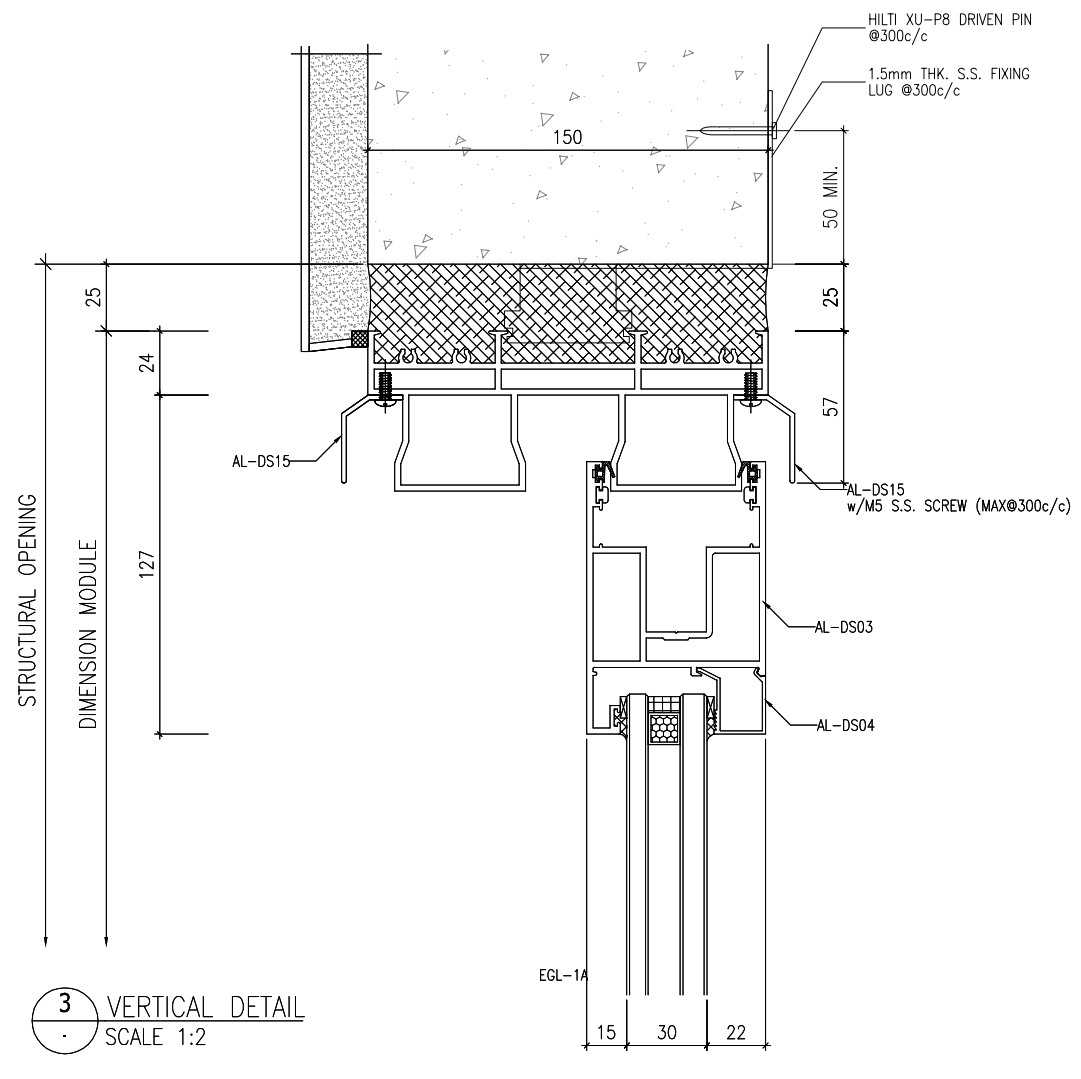
DRAWN BY : Ivan CHECKED BY :

MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
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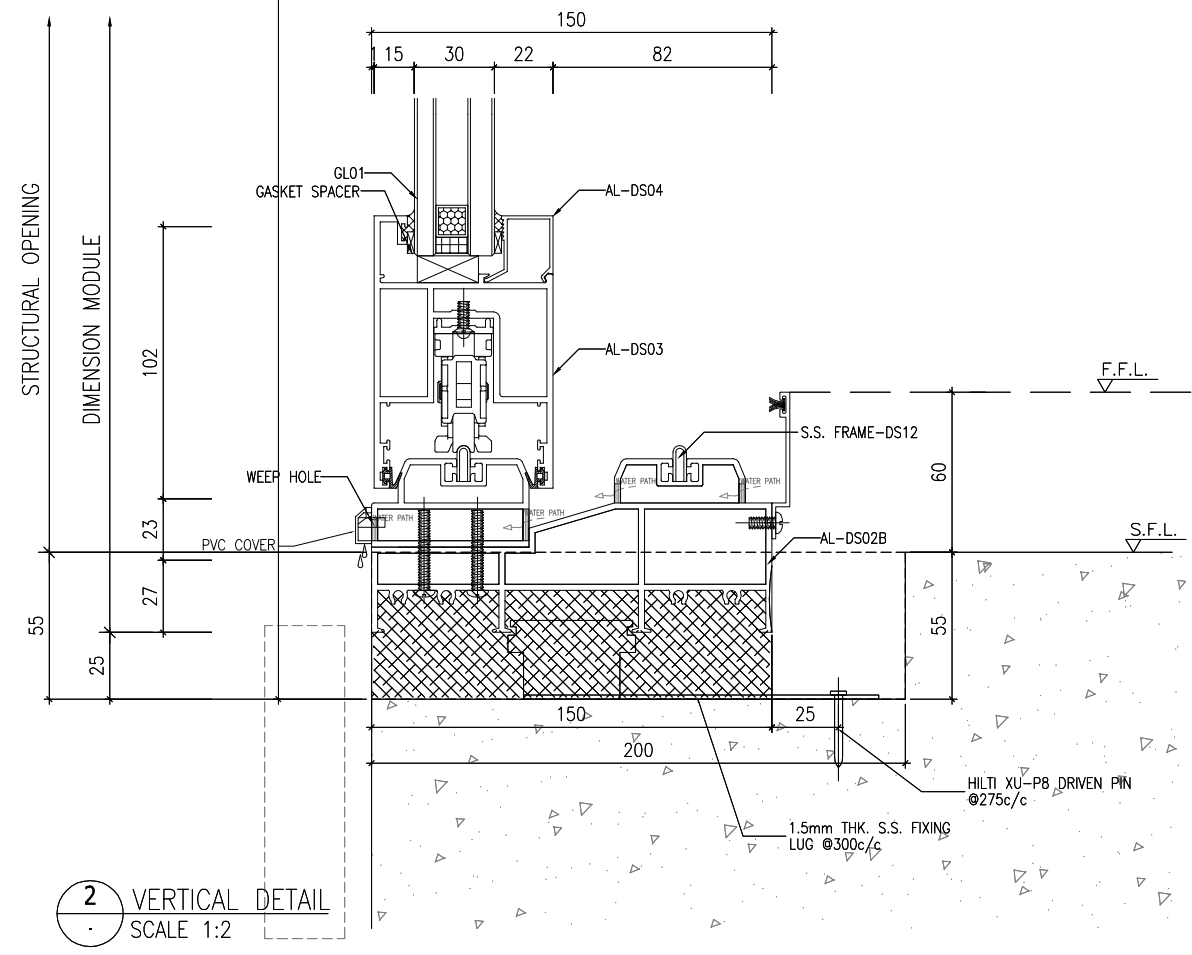
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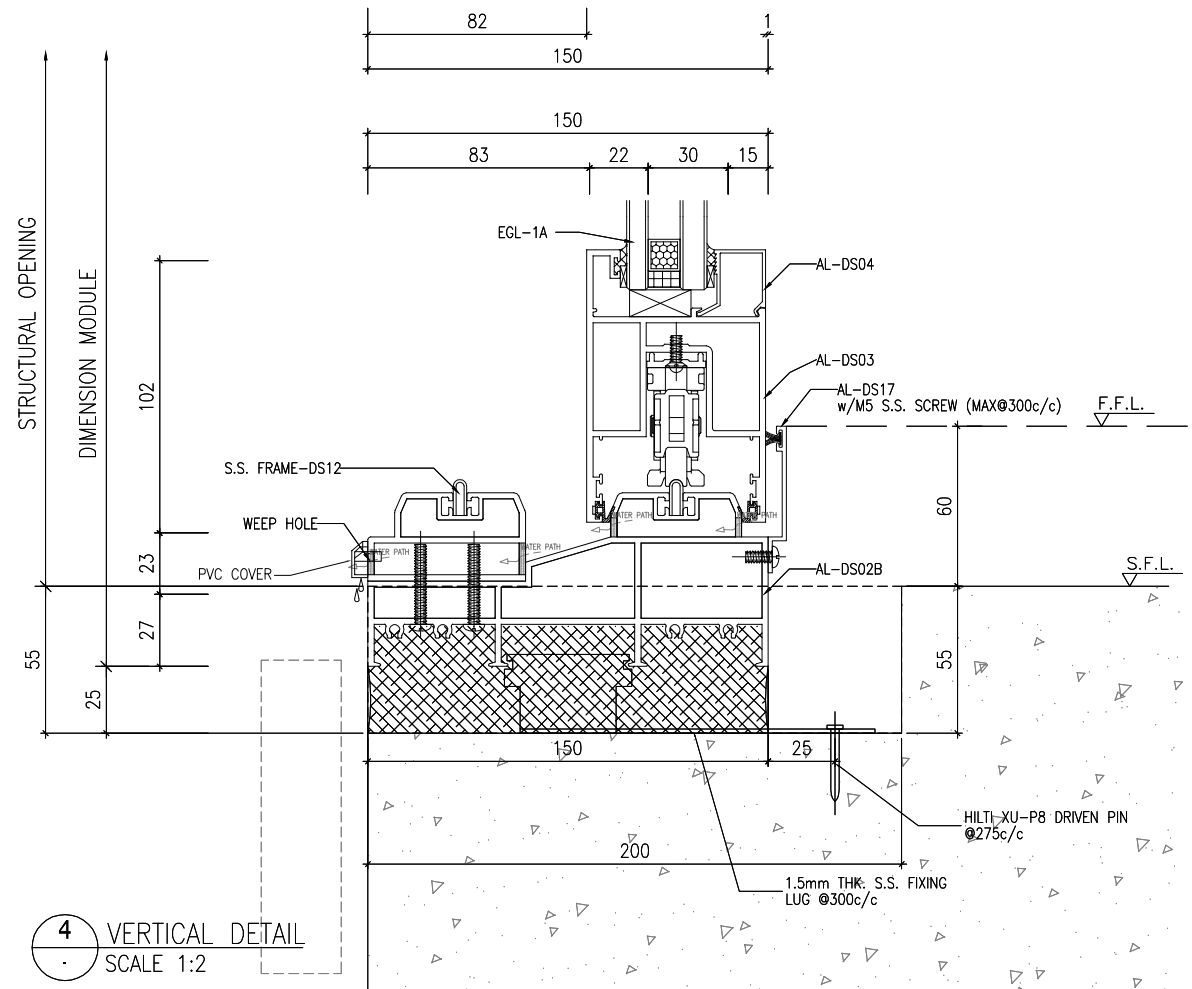
1 VERTICAL DETAIL
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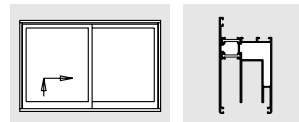
DATE : 10-Nov-21 SCALE : 1:2

DRAWN BY : Ivan CHECKED BY :

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DWG NO. : J856-SD-IW-7021 REV. : -

HS-PORTAL 300 LM



适用于铝合金型材的提升推拉五金件

... 优点：

- 狭缝通风功能
- 使用圆柱滚子轴承，滑轮运行更顺畅
- 传动器上的4个锁点有效防盗
- 在高扇重的情况下能够实现运行顺畅

应用范围：

扇槽宽	(mm)	根据型材决定最大3350
扇槽高 (推拉扇)	(mm)	根据型材决定最大2675
外框宽	(mm)	A型最大6700
外框高	(mm)	依据型材决定
承重	(kg)	max. 300
中心距 (传动器)	(mm)	37,5
执手位置 (窗)	(mm)	距离导轨上边395
执手位置 (门)	(mm)	距离导轨上边995

目录

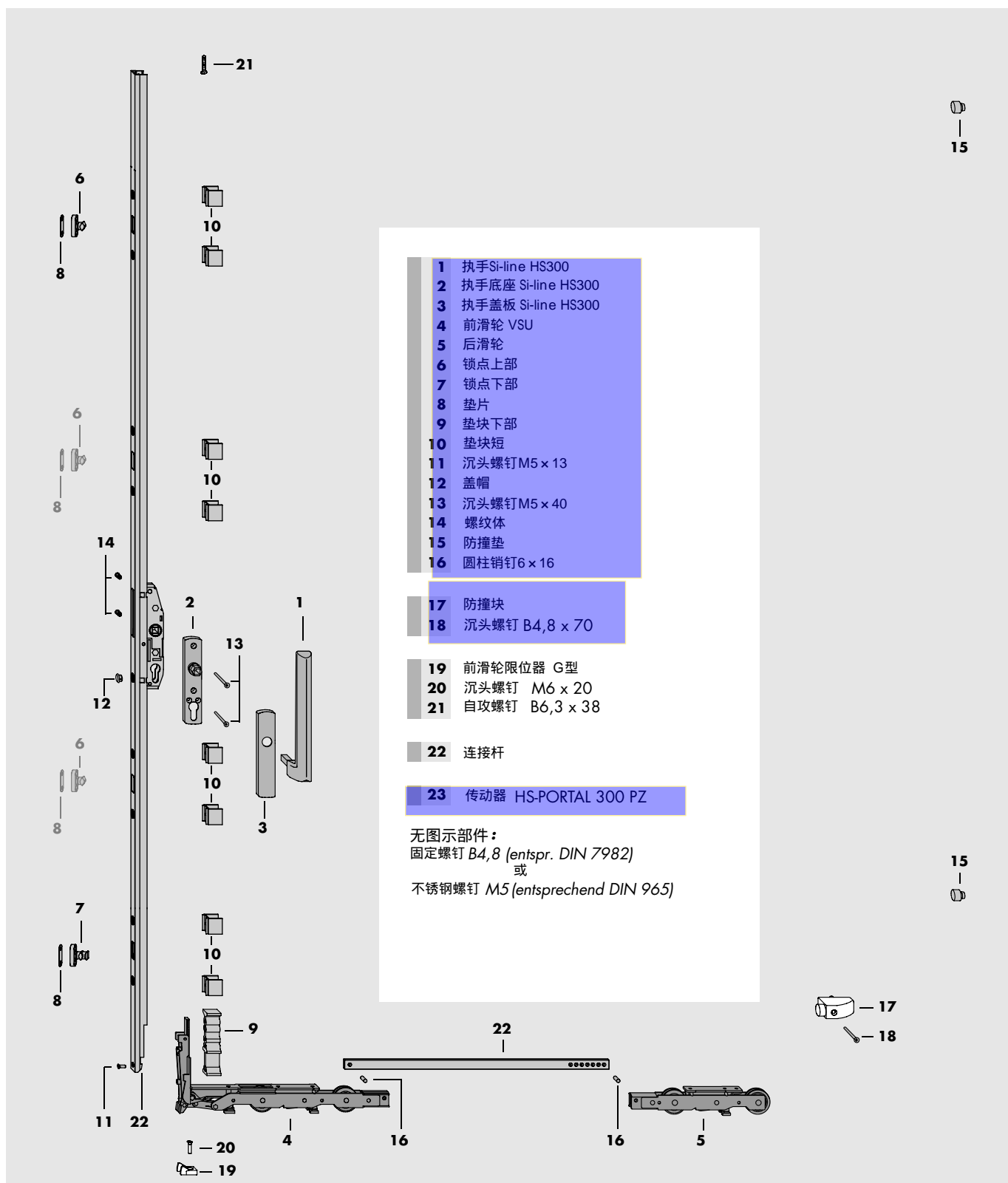
应用范围	.....page 1	安装位置 (1 )	.....page 6
五金件分布图	.....page 2	安装位置 (2 )	.....page 7
五金件清单	.....page 3	安装形式	.....page 8
与型材相关的五金件尺寸	.....page 4	C型节点	.....page 9
附件	.....page 5	安装模具	.....page 10

安装说明书

HScn0002

hs_cn0002_06_2010

HS-PORTAL 300 LM 五金件分布图



HS-PORTAL 300 LM 五金件清单

序号	数量					名称	物料号				
	A	D	G	C	F		白	银	棕	黑	
allgemein benötigt	1	1	2	1	2	4	A0156	PMHB7070-504010Z	PMHB7070-525010Z	PMHB7070-533010Z	PMHB7070-523010Z
	2	1	2	1	2	4	执手Si-line HS300				
	3	1	2	1	2	4	执手底座 Si-line HS300				
	4	1	2	1	2	4	执手盖板 Si-line HS300	PMKB7110-100010			
	5	1	2	1	2	4	滑轮基本组	PEUB0010-100010			
	6	1	2	1	2	4	前滑轮 VSU	PLWB0020-100010			
	7	1	2	1	2	4	后滑轮	310540			
	8	1	2	1	2	4	锁点附件包 HSLM	A....			
	9	1	2	1	2	4	锁点上部	A.... 依据型材实际尺寸			
	10	1	2	1	2	4	锁点下部	A.... 依据型材实际尺寸			
	11	1	2	1	2	4	垫片	1 mm / 2 mm 依据型材实际尺寸			
	12	1	2	1	2	4	附件包	A....			
	13	1	2	1	2	4	垫块下部	A.... 依据型材实际尺寸			
	14	8	16	8	16	32	垫块短	A.... 依据型材实际尺寸			
	15	1	2	1	2	4	沉头螺钉M5 x 13	.....		
	16	1	2	1	2	4	盖帽	.....		
	17	1	2	1	2	4	盖帽	.....		
	18	2	4	2	4	8	沉头螺钉M5 x 40	.....		
	19	2	4	2	4	8	螺纹体	.....		
	20	2	4	1	4	4	防撞垫	.....		
	21	1	2	1	2	4	Bil. Schrauben HSLM	A...			
22	2	4	2	4	8	定位圆柱钉6 x 16	依据型材实际尺寸				
23	-	1	1	-	2	防撞块包	215128	860649	215142		
24	-	1	1	-	2	防撞块					
25	-	1	1	-	2	沉头螺钉 B4,8 x 70					
26	-	-	1	1	1	Beutel Riegelteile HS	238691				
27	-	-	1	1	1	bestehend aus:					
28	-	-	1	1	1	前滑轮限位器 G型	719503				
29	-	-	1	1	1	沉头螺钉 M6 x 20	860786				
30	-	-	1	1	1	自攻螺钉 B6,3 x 38	848296				

abh. von FB	22	1	2	1	2	4	连接杆			307533Z 307724Z 307748Z 309544Z
							尺寸	长度 (in mm)	FB (in mm)	
							150	898	720 bis 1500	
							200	1398	1501 bis 2000	
							250	1898	2001 bis 2500	

abh. von FH	23	1	2	1	2	4	传动器 HS-PORTAL 300 PZ			PGKB0010-524010 PGKB0020-524010 PGKB0030-524010
							尺寸	长度 (in mm)	FH (in mm)	
							170		1190 bis 1790	
							220		1791 bis 2290	
							260		2291 bis 2690	

- 1) 根据实际需要供货包中含有其他部件
- 2) 部件颜色 RAL9003白色

HS-PORTAL 300 LM 型材相关的五金件尺寸

垫块 (10) 垫块, 短 (11)

	尺寸 (mm)	形式	垫块物料号	垫块短物料号
10 	16	A0001	862711	PDZB0040-096010
	18	A0020	634.2341.5021.A0	PDZB0050-096010
	20	A0029	856000	PDZB0060-096010
	23	A0007	855997	PDZB0070-096010
	25	A0004	856161	PDZB0080-096010
	27	A0008	863282	PDZB0100-096010
11 	30	A0006	857465	PDZB0110-096010
	31	A0018	897577	PDZB0120-096010
	32	A0015	849200	PDZB0130-096010
	35	A0002	859049	PDZB0140-096010

锁点 (7 und 8)

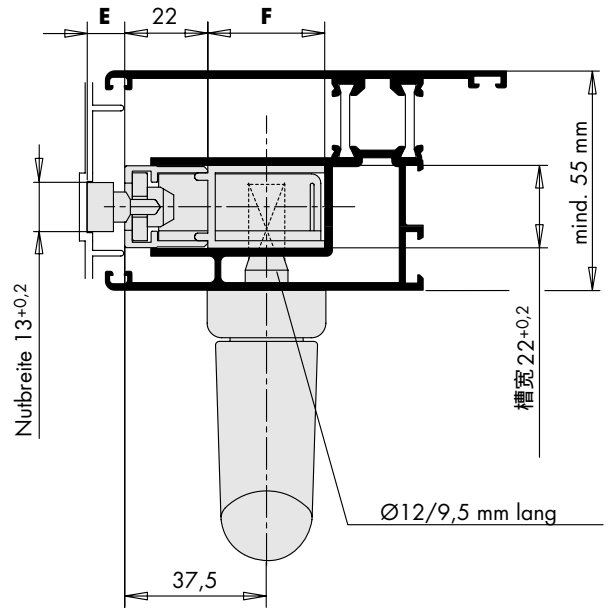
	Maß E ¹⁾ (mm)	形式	锁点上物料号	锁点下物料号
7 	4	A0012	719398	719404
	7	A0020	719305	719312
	8	A0001	719190	634.2834.5004X60
	8,5	A0005	719206	719220
	9	A0006	719213	719237
8 	14	A0009	719329	719343
	16	A0013	719244	719268
	19,5	A0002	722220	719299
	20	A0004	719251	722534

1) 使用垫片允许的范围是1mm-2mm

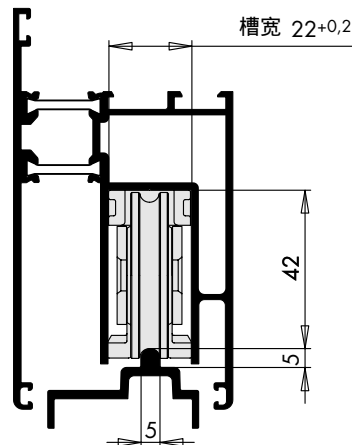
锁点垫片 9)

		物料号
9 	1 mm	721285
	2 mm	721292

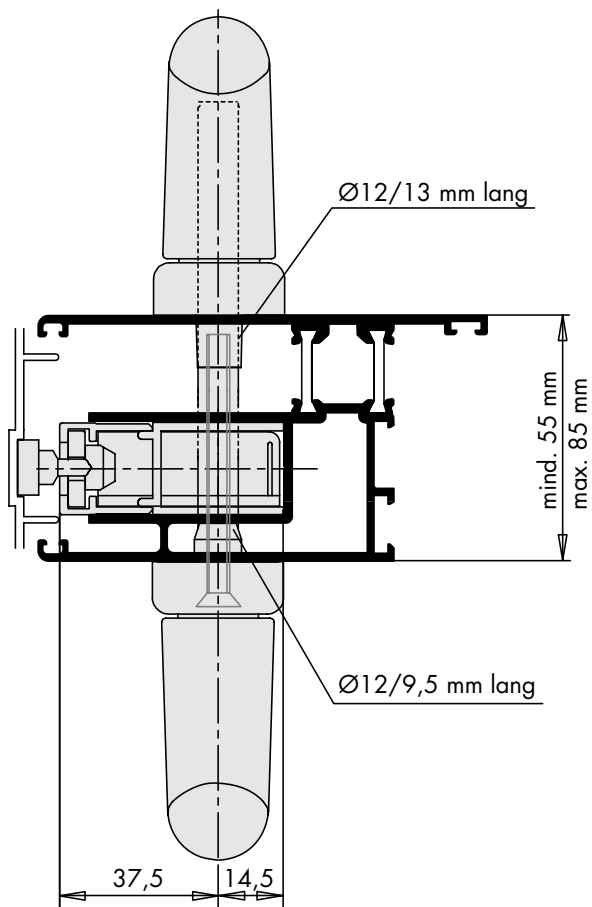
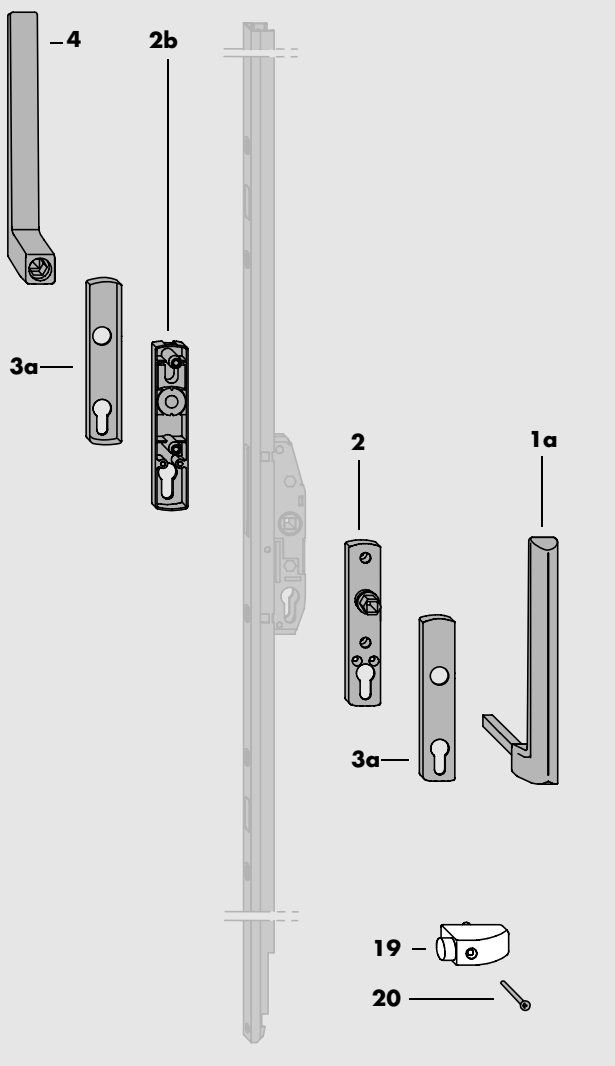
节点 A-B



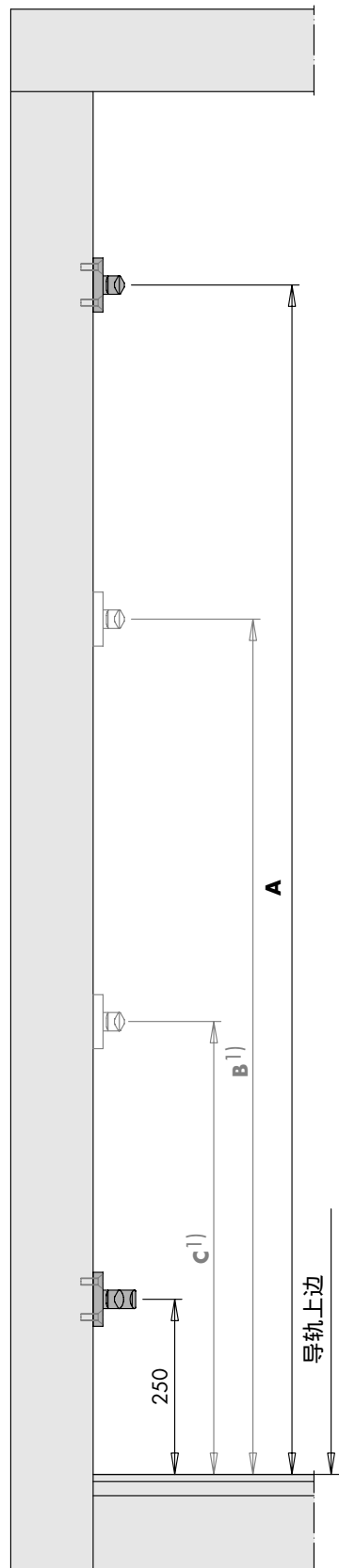
节点 C-D



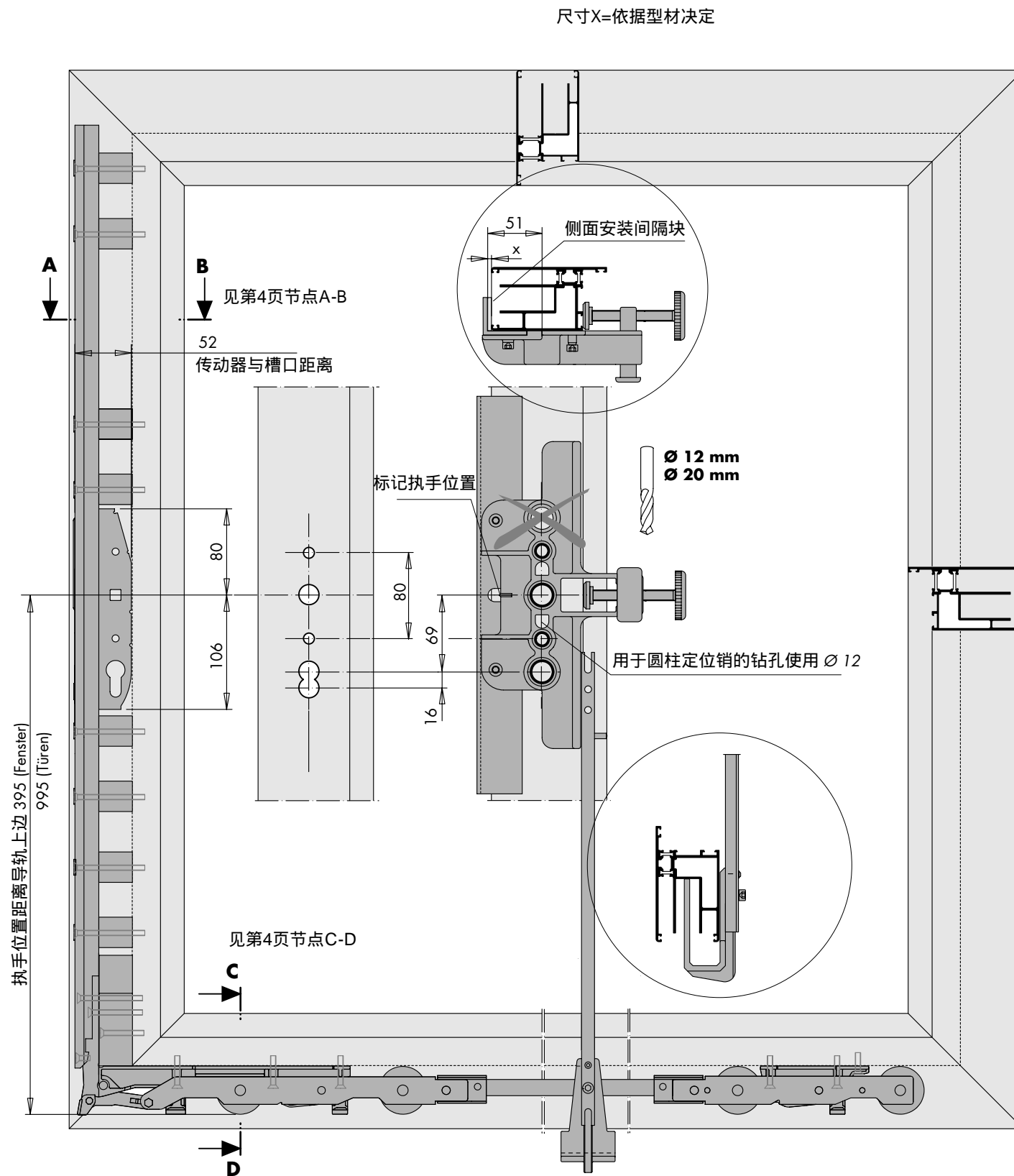
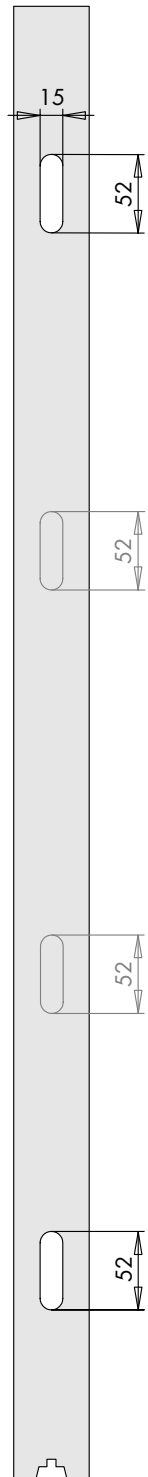
Hebel Si-line
HS 250 PZ A0156



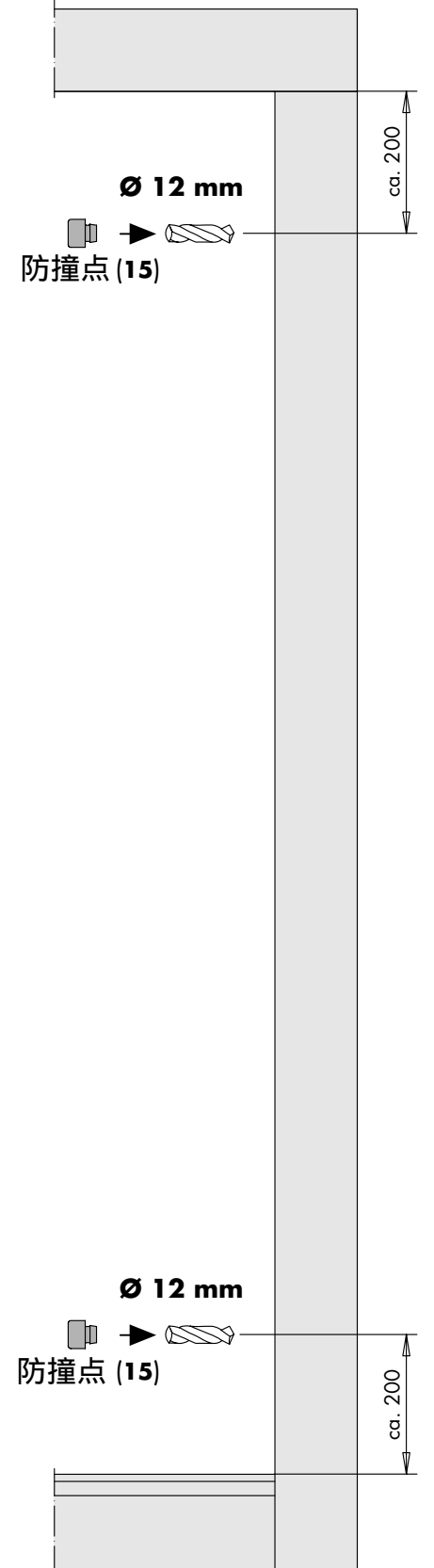
序号	数量					名称
	A	D	G	C	F	
	1	2	-	1..2	3..4	执手Si-line HS300 内 (内外需要一起使用) 组成： A0156 i. u. a. abschließbar
1a	1	2	-	1..2	3..4	执手Si-line HS300 内 A0156
2	1	2	-	1..2	3..4	执手底座 Si-line HS300
3a	2	2	-	2..4	6..8	执手盖板 Si-line HS300
	1	2	-	1..2	3..4	(内外需要一起使用) 组成： A0156 i. u. a. abschließbar
4	1	2	-	1..2	3..4	执手Si-line HS300 外 A0156
2b	1	2	-	1..2	3..4	执手底座 Si-line HS300
3a	2	2	-	2..4	6..8	执手盖板 Si-line HS300
	1	2	-	1..2	3..4	防撞块包
19	1	2	-	1..2	3..4	推拉限位块
20	1	2	-	1..2	3..4	沉头螺钉 B4,8 x 70



扇压条
(依据型材决定)



尺寸X=依据型材决定



传动器	尺寸A	尺寸B ¹⁾	尺寸C ¹⁾	扇高 ²⁾
Gr. 170	1000	600	-	1175 - 1775
Gr. 220	1600	1200	750	1776 - 2275
Gr. 260	2200	1200	750	2276 - 2675

1) 根据需求可以选择2个锁点，上部(6)作为附加的锁点。从而使传动器在正确的位置关闭和开启

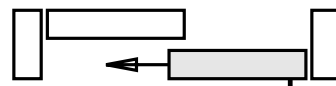
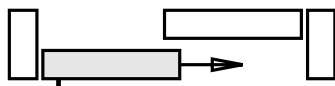
2) 根据型材实际情况使误差降到最小

HS-PORTAL 300 LM 安装形式

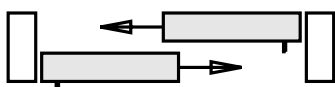
DIN 左开

DIN 右开

形式 **A**



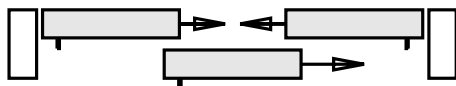
形式 **D**



形式 **G**



形式 **H**



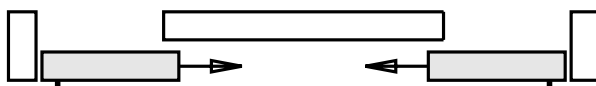
形式 **C**



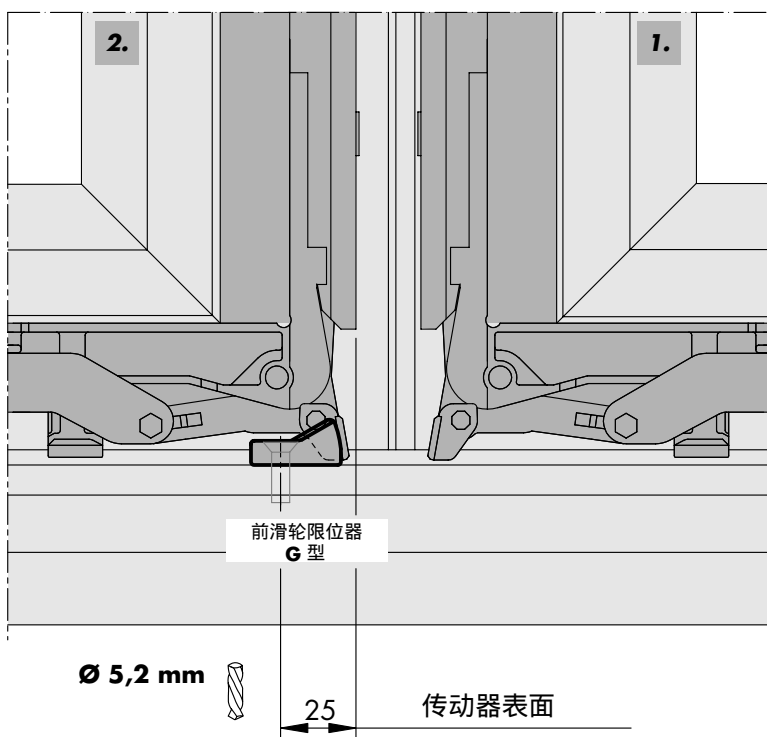
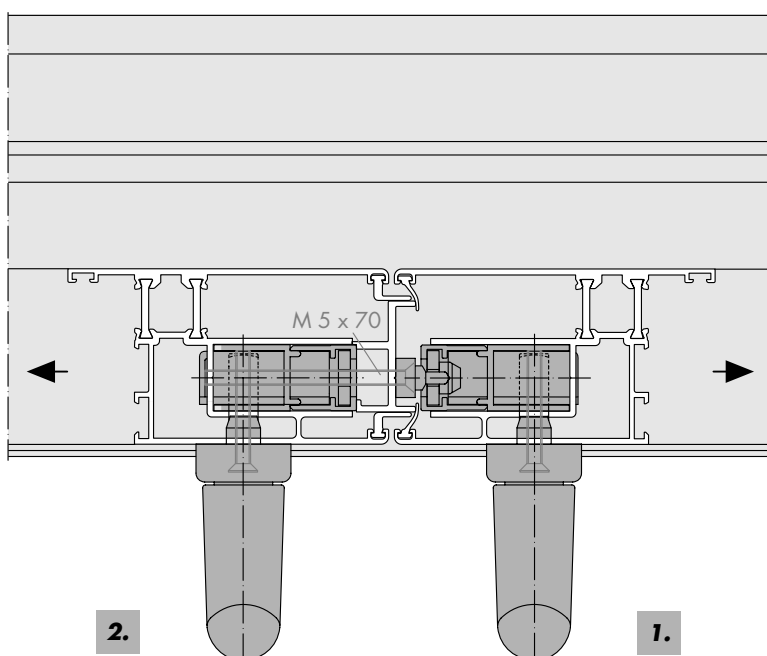
形式 **F**



形式 **K**



HS-PORTAL 300 LM C型注意事项



C型注意事项

五金件说明 形式 C:

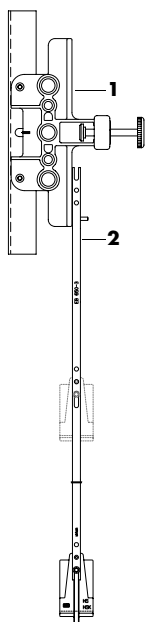
- 安装在假中挺上的锁点要高4mm
- 主动扇和被动扇相应有所标识
避免错误操作

开启扇的操作顺序

打开： 首先 主动扇 [1.]
然后 被动扇 [2.]

关闭： 首先 被动扇 [2.]
然后 主动扇 [1.]

HS-PORTAL 300 LM 安装模具



名称	工具	物料号
<p>钻孔模具 EB 651-3 用于传动器钻孔</p> <p>Pos. 1 钻孔模具 EB 651-3* 模具中心孔尺寸为51; 根据型材来选择垫块的尺寸 注意执手中心距</p> <p>Pos. 2 高度定位杆 用于EB 650-3 und EB 651-3</p>	<p>钻头 : $\varnothing 12\text{ mm}$ $\varnothing 20\text{ mm}$</p>	<p>PABB0010-521010</p> <p>157244</p>
<p>冲模 KF 用于安装锁点的位置确定</p>		<p>141892</p>