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- 8156	**修改版本:**	-
	HK- 1456		
工程編號:	J 856	**工程名稱:**	天榮站
收件人:	生統/謝永林	**發件人:**	Iris
工程項目:	T1後裝窗夾通頂底鐵碼	**日期:**	08/08/2024

☑ 原合約工程包	☐ 原合約工程加 / 減賬 QT-	☐ 新工程報價 QT-

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:**

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

內容:

T1後裝窗夾通頂底鐵碼

煩請根據13th Insitu Window Shop Drawing, 提供T1所需要的BB3及BT3鐵碼數量

完成上列要求日期: 15/08/2024

國內

☐ 生產技術總監	☐ 連附件	☑ 技術部	☑ 連附件	☐ 生產部	☐ 連附件
☐ 採購部	☐ 連附件	☑ 生產統籌部	☑ 連附件	☐ 報關組	☐ 連附件
☐ 質檢部	☐ 連附件	☐ 會計部	☐ 連附件	☐ 機械設計部	☐ 連附件
☐ 香港辦	☐ 連附件	☐ 其他:			

香港

☐ 行政部	☐ 連附件	☐ 會計部	☐ 連附件	☐ 統籌部	☐ 連附件	☐ 工程部	☐ 連附件
☐ 採購部	☐ 連附件	☐ QS部	☐ 連附件	☑ 地盤管理	☑ 連附件	☐ 維修部	☐ 連附件

*發件人簽署： Iris	*組別成員批核簽署：
傳遞編號：	項目經理簽署：

PROJECT :

12

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

SHOP DRAWING FOR IN-SITU WINDOW OF TOWER

DATE: 30/05/2023

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

NO.	DATE	REVISED	BY
K	30/05/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
J	28/02/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
I	10/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
H	29/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
G	27/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	1/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	18/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	24/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	20/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	16/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan

DWG NO. : J856-SD-IW-0000 REV. : K

DRAWING SUBMISSION REGISTER

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

TITLE:
IN-SITU WINDOW OF TOWER SHOPDRAWING SUBMISSION

DATE OF ISSUE										
ISSUE	2	3	4	5	6	7	8	9	10	11
DAY	16	24	13	24	1	27	29	16	28	30
MONTH	11	11	1	6	8	8	11	01	02	05
YEAR	21	21	22	22	22	22	22	23	23	23

SUBMISSION STATE (FOR B.D / A,S.D)
AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

SUBMISSION STATE (FOR CLIENT / CONSULTANT)
AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

SUBMISSION STATE (FOR ARCHITECT)
AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

FABRICATION / CONSTRUCTION STATE

DRAWING TITLE	DWG. NO.	REVISIONS										SUBMISSION STATE (FOR B.D / A,S.D)			SUBMISSION STATE (FOR CLIENT / CONSULTANT)			SUBMISSION STATE (FOR ARCHITECT)			ISSUE TO CHINA OFFICE		ISSUE TO SITE		ISSUE TO SUB-CONTRACTOR	
												COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE
COVER PAGE	J856-SD-IW-0000	A	B	C	D	F	G	H	I	J	K															
DRAWING REGISTER	J856-SD-IW-0001	A	B	C	D	E	F	G	H	I	J															
DRAWING REGISTER	J856-SD-IW-0002	A	B	C	D	E	F	G	H	I	J															
DRAWING REGISTER	J856-SD-IW-0003	A	B	C	D	E	F	G	H	I	J															
GENERAL NOTES FOR IN-SITU WINDOW	J856-SD-IW-GN01	-					-	-	A	B	C															
GENERAL NOTES FOR IN-SITU WINDOW	J856-SD-IW-GN02	-					-	-			A															
EXTRUSION LIST FOR IN-SITU WINDOW	J856-SD-IW-1101	A	A	A	A	A	A	A																		
EXTRUSION LIST FOR IN-SITU WINDOW	J856-SD-IW-1102	A	A	A	B	C	D	D																		
EXTRUSION LIST FOR IN-SITU WINDOW	J856-SD-IW-1103																									
PLAN FOR IN-SITU WINDOW AT TOWER 1	J856-SD-IW-3101	A	B	C	D	D	D	E	F	G	H															
PLAN FOR IN-SITU WINDOW AT TOWER 1	J856-SD-IW-3102		A	B	C	C	D	E	F	G	I															
~~PLAN FOR IN-SITU LOUVER AT TOWER 1~~	~~J856-SD-IW-3106~~							-																		
~~PLAN FOR IN-SITU LOUVER AT TOWER 1~~	~~J856-SD-IW-3107~~							-																		
PLAN FOR IN-SITU WINDOW AT TOWER 2	J856-SD-IW-3201	A	B	C	D	E	E	F	G	H																
PLAN FOR IN-SITU WINDOW AT TOWER 2	J856-SD-IW-3202		A	B	C	D	D	E	F	G																
~~PLAN FOR IN-SITU LOUVER AT TOWER 2~~	~~J856-SD-IW-3206~~							-																		
~~PLAN FOR IN-SITU LOUVER AT TOWER 2~~	~~J856-SD-IW-3207~~							-																		
PLAN FOR IN-SITU WINDOW AT TOWER 3	J856-SD-IW-3301	A	B	C	D	E	E	F	G	H																
PLAN FOR IN-SITU WINDOW AT TOWER 3	J856-SD-IW-3302		A	B	C	D	D	E	F	G																
~~PLAN FOR IN-SITU LOUVER AT TOWER 3~~	~~J856-SD-IW-3306~~							-																		
~~PLAN FOR IN-SITU LOUVER AT TOWER 3~~	~~J856-SD-IW-3307~~							-																		
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5101	A	B	B	C	D	E	E	F		G															
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5102	A	B	B	C	D	E	E	F	G	H															
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5103	A	B	B	C	D	E	E	F	G	H															
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5104	A	B	B	B	B	B	B	C	D	E															
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5105	A	B	B	C	D	E	E	F	G	H															
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5106	A	B	C	C	C	C	C																		
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5107	A	B	B	C	C	C	C																		
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5108	A	B	B	C	C	C	C																		
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5109	A	B	B	C	C	C	C																		
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5110	A	B	B	C	C	C	C	D	E																
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5111		A	B	B	C	D	D	E	F	G															
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5112		A	B	B	C	D	D	E	F	G															
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5113				-	-	-	-	A	B	C															
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5113A								-		A															
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5114				-	-	-	-	A	B	C															
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5115				-	-	-	-	A																	
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5116							-			A															
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5201	A	B	B	C	D	E	E	F		G															
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5202	A	B	B	C	D	E	E	F		G															
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5203	A	B	B	C	D	E	E	F	F	G															
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5204	A	B	C	C	C	C	C																		
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5205	A	B	B	C	D	E	E	F		G															
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5206	A	B	C	C	C	C	C																		
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5207	A	B	B	C	C	C	C																		

IN-HOUSE DESIGN CHECKER

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-0001 | REV. : J

DRAWING SUBMISSION REGISTER

PROJECT:
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.
TITLE:
IN-SITU WINDOW OF TOWER SHOPDRAWING SUBMISSION

DATE OF ISSUE										
ISSUE	2	3	4	5	6	7	8	9	10	11
DAY	16	24	13	24	1	27	29	10	28	30
MONTH	11	11	1	6	8	8	11	01	02	05
YEAR	21	21	22	22	22	22	22	23	23	23

SUBMISSION STATE (FOR B.D / A.S.D)
AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

SUBMISSION STATE (FOR CLIENT / CONSULTANT)
AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

SUBMISSION STATE (FOR ARCHITECT)
AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

FABRICATION / CONSTRUCTION STATE
ISSUE TO CHINA OFFICE
ISSUE TO SITE
ISSUE TO SUB-CONTRACTOR

DRAWING TITLE	DWG. NO.	REVISIONS									COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5208	A	B	B	C	C	C	C																	
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5209	A	B	B	C	C	C	C																	
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5210	A	B	B	B	B	B	B																	
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5211	A	B	B	C	C	C	C	D		E														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5212		A	B	B	C	C	C	D		E														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5213		A	B	B	C	D	D	E		F														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5214				-	A	A	A	B																
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5214A								-																
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5215				-	A	A	B	C		D														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5216				-	A	A	B	C																
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5301	A	B	B	C	D	E	F	G		H														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5302	A	B	B	C	D	E	F	G		H														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5303	A	B	C	C	D	D	D																	
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5304	A	B	B	C	D	E	F	G		H														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5305	A	B	C	C	D	D	D																	
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5306	A	B	B	C	D	E	F	G		H														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5307	A	B	B	C	C	C	C																	
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5308	A	B	B	C	C	C	C																	
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5309	A	B	B	C	C	C	C																	
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5310	A	B	B	C	C	C	C	D		E														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5311	A	B	B	C	D	D	E	F																
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5312		A	B	B	C	D	E	F		G														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5313		A	B	B	C	D	E	G		H														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5314		A	B	C	D	D	D	E		F														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5315		A	B	B	C	C	D	E		F														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5316		A	B	B	B	B	B	B																
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5317		A	A	B	C	C	D																	
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5318				-	A	A	B	C																
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5319				-	A	A	C	D		E														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5319A									-															
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5320				-	A	A	B	C		D														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5321							-	A		B														
~~WINDOW SCHEDULE FOR TOWER IN-SITU LOUVER~~	~~J856-SD-IW-5401~~							-																	
~~WINDOW SCHEDULE FOR TOWER IN-SITU LOUVER~~	~~J856-SD-IW-5402~~							-																	
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6001	-	-	A	A	B	B	B			C														
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6002	-	-	A	A	B	B	B			C														
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6003	-	-	A	A	B	B	B																	
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6004	A	B	B	C	D	D	D			E														
IN-SITU WINDOW SECTION TYPICAL LOCK & HINGES DETAIL	J856-SD-IW-6005	A	A	A	A	A	A	A																	
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6006	A	A	A	B	C	C	C			D														
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6007	A	A	A	A	A	C	C		D	E														
IN-SITU WINDOW SECTION TYPICAL LOCK & HINGES DETAIL	J856-SD-IW-6007a	A	A	A	A	A	A	A																	
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6008				-	A	A	A			B														
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6009							-			A														

IN-HOUSE DESIGN CHECKER

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-0002 | REV. : J

DRAWING SUBMISSION REGISTER

PROJECT:
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.
TITLE:
IN-SITU WINDOW OF TOWER SHOPDRAWING SUBMISSION

DATE OF ISSUE										
ISSUE	2	3	4	5	6	7	8	9	10	11
DAY	16	24	13	24	1	27	29	10	28	30
MONTH	11	11	1	6	8	8	11	01	02	05
YEAR	21	21	22	22	22	22	22	23	23	23

SUBMISSION STATE (FOR B.D / A.S.D)
AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

SUBMISSION STATE (FOR CLIENT / CONSULTANT)
AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

SUBMISSION STATE (FOR ARCHITECT)
AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

FABRICATION / CONSTRUCTION STATE

DRAWING TITLE	DWG. NO.	REVISIONS									SUBMISSION STATE (FOR B.D / A.S.D)			SUBMISSION STATE (FOR CLIENT / CONSULTANT)			SUBMISSION STATE (FOR ARCHITECT)			ISSUE TO CHINA OFFICE		ISSUE TO SITE		ISSUE TO SUB-CONTRACTOR	
											COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6010							-		A															
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6011							-		A															
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-7001	A	B	B	B	C	C	C		E															
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-7002	A	B	B	C	D	D	D		E															
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-7003	A	B	B	C	D	D	D		E															
G.M.S FIXING LUG TYPICAL DETAIL FOR IN-SITU WINDOW	J856-SD-IW-7004	A	A	A	A	A	A	A																	
G.M.S FIXING LUG TYPICAL DETAIL FOR IN-SITU WINDOW	J856-SD-IW-7005	A	A	A	A	A	A	A																	
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-7006	A	B	B	B	C	C	C		D															
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-7007	A	B	B	B	B	B	B		C															
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-7008	A	B	B	C	D	D	D		E															
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-7008a							-		A															
IN-SITU. WINDOW SECTION TYPICAL LOCK & HINGES DETAIL	J856-SD-IW-7009	A	B	B	B	B	B	B		C															
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-7010	A	B	B	B	B	B	B																	
IN-SITU. WINDOW SECTION TYPICAL LOCK & HINGES DETAIL	J856-SD-IW-7011	A	B	B	B	B	B	B		C															
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-7012	A	B	B	B	B	B	B																	
IN-SITU. WINDOW SECTION TYPICAL LOCK & HINGES DETAIL	J856-SD-IW-7013	A	A	A	A	A	A	A		B															
IN-SITU. WINDOW SECTION TYPICAL LOCK & HINGES DETAIL	J856-SD-IW-7014	A	A	A	A	A	B	B																	
IN-SITU. WINDOW SECTION TYPICAL LOCK & HINGES DETAIL	J856-SD-IW-7015					-	-	-																	
TYPICAL EARTHING BONDING DETAILS OF IN-SITU	J856-SD-IW-7016						-	A	B																
FIXING DETAILS OF IN-SITU	J856-SD-IW-FD01				-	A	B	B		C	D														
FIXING DETAILS OF IN-SITU	J856-SD-IW-FD02				-	A	B	B		C															
FIXING DETAILS OF IN-SITU	J856-SD-IW-FD03							-		A	B														

IN-HOUSE DESIGN CHECKER

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-0003 | REV. : J

GENERAL NOTES FOR IN-SITU ALUM. WINDOW PAGE 1

CODES AND STANDARDS

1. CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004.
2. CODE OF PRACTICE FOR DEAD AND IMPOSED LOADS 2011.
3. CODE OF PRACTICE FOR STRUCTURAL USE OF CONCRETE 2013.
4. CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011.
5. CODE OF PRACTICE FOR STRUCTURAL USE OF GLASS 2018.
6. STRUCTURAL USE OF ALUMINIUM, BS 8118-1:1991. (WIND LOAD FACTOR OF 1.4 FOR ALUMINIUM DESIGN TO PNAP APP53)
7. BUILDING (CONSTRUCTION) REGULATIONS CAP 123.
8. APP37 CURTAIN WALL, WINDOW AND WINDOW WALL SYSTEM.
9. APP110 PROTECTIVE BARRIERS.
10. APP116 ALUMINIUM WINDOWS.

DESIGN WIND LOAD

CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004.

	VERTICAL SURFACE
HEIGHT ABOVE GROUND LEVEL	<148.3m
BASIC WIND PRESSURE	3.044kPa
TOPOGRAPHY FACTOR (Sa)	1.00
PRESSURE COEFFICIENT (Cp)	+1.0/-1.4
DESIGN WIND PRESSURE	+3.044/-4.261kPa

IMPOSED LOAD ON PROTECTIVE BARRIERS (FOR DOMESTIC USE)

CATEGORY	LINE LOAD TO BE APPLIED AT A HEIGHT OF 1.1m ABOVE THE FLOOR LEVEL (kN/m)	UNIFORMLY DISTRIBUTED LOAD TO BE APPLIED ON THE INFILL BETWEEN FLOOR AND TOP RAIL (kPa)	CONCENTRATED LOAD TO BE APPLIED ON ANY PART OF THE INFILL BETWEEN FLOOR AND TOP RAIL (kN)
AREAS WHERE CONGREGATION OF PEOPLE IS NOT EXPECTED	0.75	1.0	0.5

STEEL

ALL STRUCTURAL STEEL SECTIONS SHALL BE GRADE S275 J0 CLASS 1 WELDABLE STRUCTURAL STEEL AND COMPLYING WITH BS EN 10210 2006 FOR HOLLOW SECTION AND BS EN 10025 FOR OTHER SECTIONS.

ALL STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED AND COMPLY WITH BS EN ISO 1,461 WITH MIN 85 um COATING THICKNESS.

ALL CUT/WELDED AREAS IN GALVANIZED STEEL SHALL BE MADE GOOD BY AT LEAST TWO COATS OF ZINC RICH PRIMER TO BS 4652.

DENSITY	77kN/m³
YOUNG'S MODULUS	205,000MPa
YIELD STRENGTH	275MPa
MINIMUM TENSILE STRENGTH	430MPa
DESIGN STRENGTH (t≤16mm)	275MPa
DESIGN STRENGTH (t≤40mm)	265MPa

ALUMINIUM EXTRUSION

UNLESS OTHERWISE STATED, ALL ALUMINIUM EXTRUSIONS SHALL BE GRADE 6063-T6/6061-T6 AND COMPLY WITH BS EN 755-2 AND BS EN 573-3.

DENSITY	27.2kN/m³
YOUNG'S MODULUS	70,000MPa

	6063-T6	6061-T6	6063-T5
0.2% PROOF STRESS	160MPa	240MPa	110MPa
MINIMUM TENSILE STRENGTH	215MPa	260MPa	150MPa
LIMITING BENDING STRENGTH	160MPa	240MPa	110MPa
LIMITING TENSILE STRENGTH	175MPa	260MPa	130MPa
LIMITING SHEAR STRENGTH	95MPa	145MPa	65MPa

FASTENERS/SCREWS

ALL STAINLESS STEEL SCREW AND BOLT SHALL BE GRADE 316 AND COMPLY WITH BS EN ISO 3506.

0.2% PROOF STRESS	450MPa
MINIMUM TENSILE STRENGTH	700MPa
DESIGN TENSILE STRENGTH	450MPa
DESIGN SHEAR STRENGTH	311MPa
DESIGN BEARING STRENGTH	828MPa

PROTECTION OF BI-MATALIC CORROSION (BITAMEN PAINT ECT.)

ALL EXPOSED SURFACE OF ALUM. EXTRUSION SHALL BE FINISHED WITH PVF2 COATING 40 MICRONS

ALL SCREWS SHALL BE M5 S.S SCREW SPACING @300c/c MAX. UNLESS OTHERWISE STATED.

ANCHOR BOLT

1. ALL ANCHOR BOLT SHALL BE ACCORDING TO MANUFACTURER'S TECHNICAL DATA.
2. INSTALLATION OF ANCHOR BOLT FOLLOW WITH MANUFACTURER'S RECOMMENDATION.
3. FACTOR OF SAFETY = 3

B.D. REF.	TYPE	MINIMUM CONCRETE THICKNESS (mm)	EFFECTIVE ANCHORAGE DEPTH (mm)	MINIMUM EDGE DISTANCE (mm)	MINIMUM SPACING (mm)	RECOMMENDED TENSILE FORCE (KN)	RECOMMENDED SHEAR FORCE (KN)	PULL-OUT TEST LOAD (KN)	CONCRETE FACTOR (KN)
~~BD-AF 149~~	~~"HILTI" HST3-R M10~~	~~120~~	~~60~~	~~45~~	~~40~~	~~5.00~~	~~8.40~~	~~1.50 x 5.00~~	~~1.342 x 7.50~~
~~(FOR CRACKED CONCRETE)~~	~~SAFETY ANCHOR BOLTS~~							~~= 7.50~~	~~= 10.065~~
BD-AF 151	"HILTI" HST3-R M8	80	47	40	35	2.8	5.2	1.50 x 2.80	1.342 x 4.20
(FOR CRACKED CONCRETE)	SAFETY ANCHOR BOLTS							= 4.20	= 5.636

GLASS

ALL GLASS PANELS SHALL BE COMPLIED WITH BS 952 AND DESIGN TO CODE OF PRACTICE FOR STRUCTURAL USE OF GLASS 2018.

IMPACT TEST TO BE COMPLIED WITH BS EN 12600(CLASS 1)

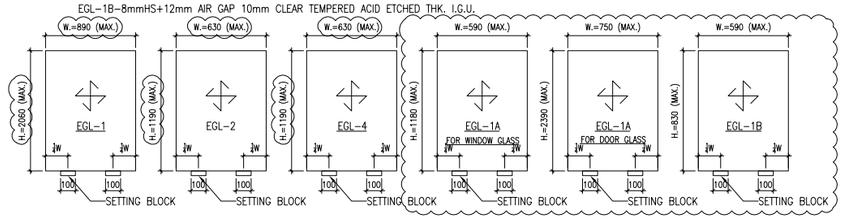
DENSITY	26kN/m³
YOUNG'S MODULUS	70,000MPa

ULTIMATE DESIGN STRENGTH OF GLASS

	BENDING STRENGTH (SHORT TERM DURATION)
HEAT STRENGTHENED GLASS(HS)	40MPa
TEMPERED GLASS(TP)	80MPa

ALL TEMPERED GLASS SHALL COMPLY WITH HEAT SOAK TEST REQUIREMENT IN ACCORDNACE WITH PNAP APP 37-2022.
HEAT SOAK PROCESS CONFORMING TO BS EN 14179-1: 2016 AND COMPLYING WITH CODE OF PRACTICE FOR STRUCTURAL USE OF GLASS 2018 SHOULD BE CARRIED OUT.

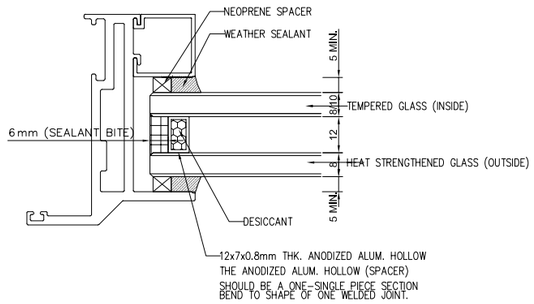
EGL-1--8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EGL-2--10mm THK. CRYSTAL GRAY TEMPERED GLASS (FOR KIT & ST)
EGL-4--10mm THK. CRYSTAL TEMPERED ACID ETCHED GLASS (FOR BATH)
EGL-1A-8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
EGL-1B-8mmHS+12mm AIR GAP 10mm CLEAR TEMPERED ACID ETCHED THK. I.G.U.



TYPICAL GLASS DETAIL

FOR DOUBLE GLAZING GLASS UNIT (I.G.U)

QUALITY ASSURANCE DOCUMENT SUCH AS TEST REPORT / CERTIFICATES INDICATING COMPILES WITH ASTM E2190 OR EQUIVALENT WITH RESPECT TO THE SEAL PERFORMANCE.
FOR INSTALLING GLASS UNIT SHALL BE SUBMITTED BEFORE COMMENCEMENT OF WORK.



IGU

SEALANT, GASKET AND SETTING BLOCK

ALL STRUCTURAL SEALANT SHALL BE 'DOWSIL 983' (BD-SS001), ALLOWABLE STRESS = 138kPa.

ALL WEATHER SEALANT SHALL BE 'DOWSIL 791'.

ALL SETTING BLOCK SHALL BE SILICONE RUBBER WITH HARDNESS OF 85±5 SHORE A, MINIMUM 100mm IN LENGTH AT 1/4 SPAN UNLESS OTHERWISE STATED

ALL GASKET SHALL BE NEOPRENE OR SILICONE RUBBER WHEN IN CONTACT WITH SEALANT, WITH HARDNESS OF 65±5 SHORE A.

ISOLATOR

TAPE TO BE APPLIED BETWEEN DISSIMILAR METAL TO PREVENT BIMETALLIC CORROSION TO PD6484.

STAINLESS STEEL

ALL STAINLESS STEEL SECTION BE OF GRADE 304 AND COMPLYING WITH BS EN 10088 PART 1-3 : 2005

DENSITY	8000kg/m³
MODULES OF ELASTICITY	200,000 N/mm²
0.2% PROOF STRENGTH	200 N/mm²
TENSILE STRENGTH	530 N/mm²
DESIGN BENDING STRENGTH	200 N/mm²

CONCRETE

ALL CONCRETE STRUCTURES SHOWN IN THIS SUBMISSION ARE FOR INFORMATION ONLY.

CONCRETE STRNFGTH SHALL BE 45MPa. (MIN.)

WELDING

ALL WELDING TO BE COMPLIED WITH BS EN 1011-1.
DESIGN WELD STRENGTH = 220 MPa

ALL WELDING PROCEDURES TO COMPLY WITH BS EN ISO 15614.

ALL WELD TO BE 5mm THICK FILLET WELD ALL AROUND UNLESS OTHERWISE STATED.

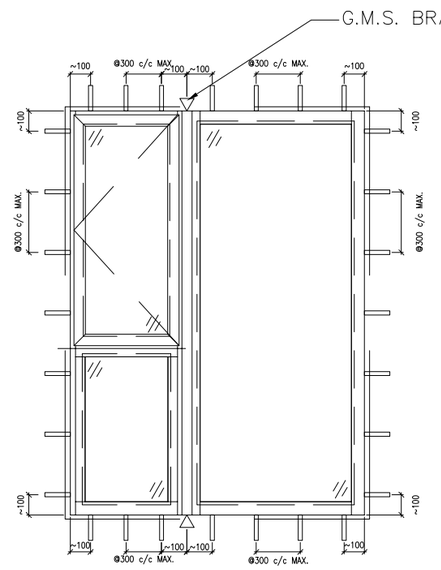
ALL WELD SHALL BE DONE BY QUILIFIED WELDER TESTED TO BS EN 287-1.

DRIVE PIN

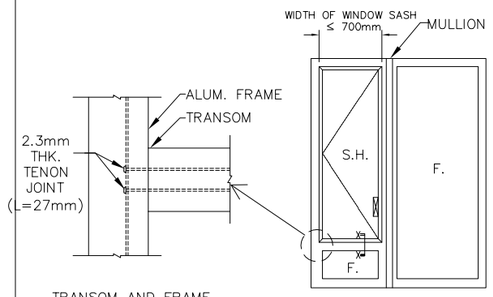
DRIVE PIN TO BE "HILTI" X-U P8, DESIGN & INSTALLATION SHOULD BE COMPLIED WITH MANUFACTURER'S RECOMMENDATION RECOMMEND TENSILE OR SHEAR LOAD=1.6KN MIN. EMBED DEPTH=25mm FACTOR OF SAFETY=4.0

FIXING LUG

THE SIZE OF S.S. FIXING LUG TO BE 1.5mm THK. AND SPACING @300mm C/C MAX. UNLESS OTHERS STATED.

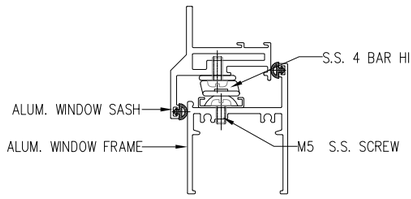

G.M.S. BRACKET
~100
@300 c/c MAX.
~100
~100
@300 c/c MAX.
~100
~100
@300 c/c MAX.
@300 c/c MAX.
~100
~100
~100

GENERAL NOTES FOR IN-SITU ALUM. WINDOW PAGE 2

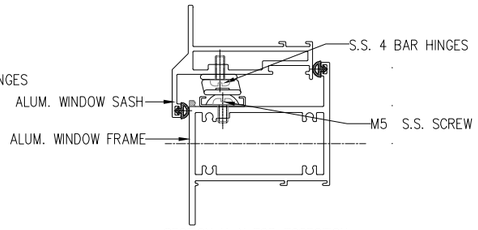


TRANSOM AND FRAME CONNECTION FIXING

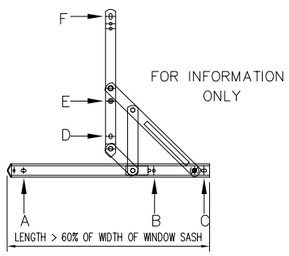
ELEVATION



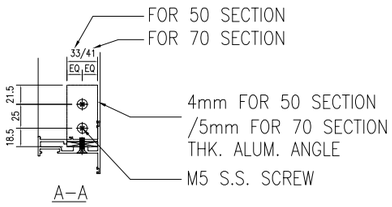
SECTION X-X FOR 50SECTION WINDOW WITH S.S. PLATE/BAR



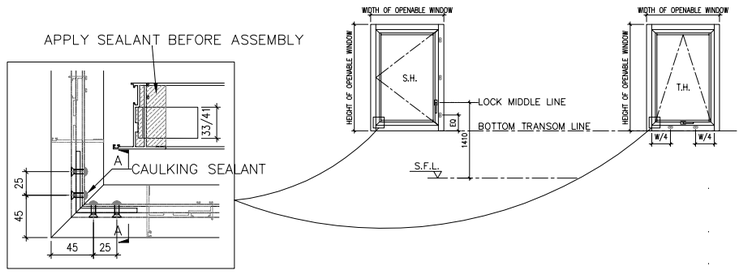
SECTION X-X FOR 70SECTION WINDOW WITH S.S. PLATE/BAR

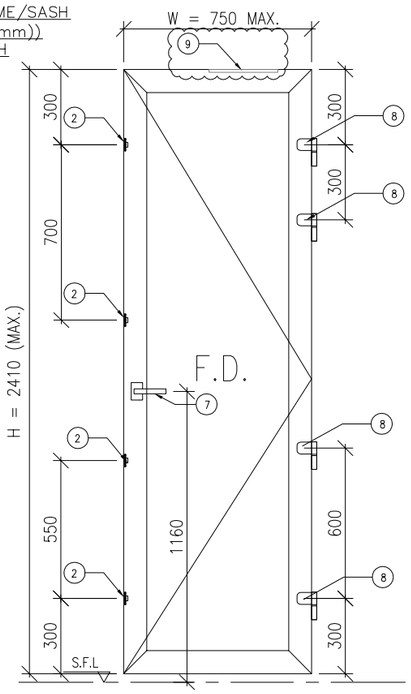


S.S. 4 BAR HINGE (LIP HING)
A,B,C,E,F-LOCATION FOR SCREW TO WINDOW FRAME/SASH (LOCAL THICKENING BY S.S. PLATE/BAR(MIN.3mm))
D=LOCATION FOR SCREW TO WINDOW SASH (LOCAL THICKENING BY ANGLE)



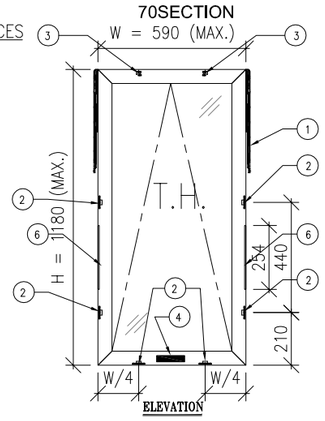
A-A



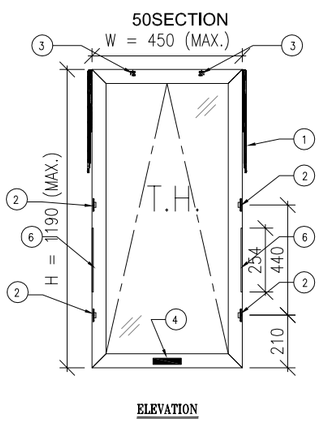


CONFIGURATION FOR WINDOW DEVICES

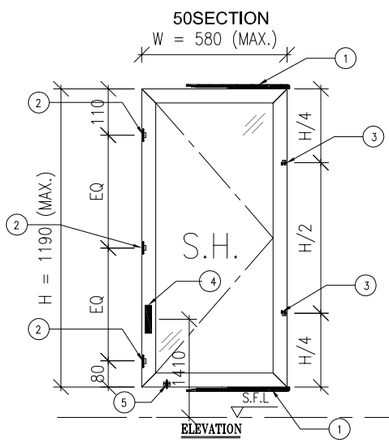
1. STAINLESS STEEL 4 BAR HINGE
   -LIP HING(MODEL: HHMS-N FOR SIDE HUNG)
   -LIP HING(MODEL: HHMT FOR TOP HUNG)
2. LOCKING POINT
   -LIP HING(MODEL: WINDOW-KMPI/ABCR , ACRP-13.5)
   (MODEL: DOOR-9K-10322-12/ASRP 13.8)
3. PULLING BLOCK
   -LIP HING(MODEL: NBSF&NBSS/NBSS-AC15.5 FOR REMEDIAI)
4. ALUMINIUM HANDLE
   -LIP HING(MODEL: MLDFOB-18)
5. GUIDER
6. LIMIT HINGE
   -LIP HING(MODEL: TRST 10)
7. ALUMINIUM HANDLE
   -LIP HING(MODEL: HFREC-OUTSIDE)
   (MODEL: HFRSC-INSIDE)
8. DOOR HINGE
   -LIP HING(MODEL: DHMAN)
9. DOOR LIMITATION ARM
   -LIP HING(MODEL: THDS12)



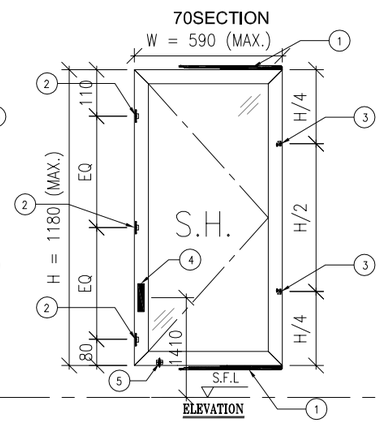
ELEVATION



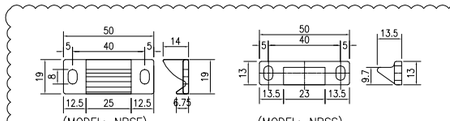
ELEVATION



ELEVATION

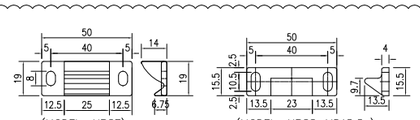


ELEVATION



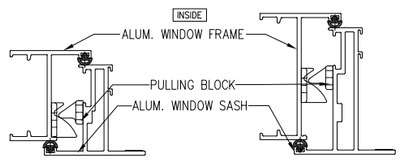
(MODEL: NBSF) (MODEL: NBSS)

DETAIL OF PULLING BLOCK (ROTATION CAN BE USED ON BOTH SIDES) TYPICAL CASE



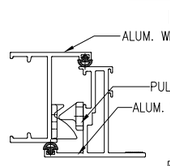
(MODEL: NBSF) (MODEL: NBSS-MD15.5)

DETAIL OF PULLING BLOCK (ROTATION CAN BE USED ON BOTH SIDES) REMEDIAL CASE

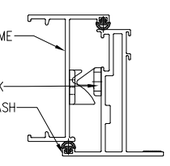


SECTION Y-Y FOR 50SECTION WINDOW WITH PULLING BLOCK

SECTION Y-Y FOR 70SECTION WINDOW WITH PULLING BLOCK



SECTION Y-Y FOR 50SECTION WINDOW WITH PULLING BLOCK



SECTION Y-Y FOR 70SECTION WINDOW WITH PULLING BLOCK

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 :
怡輝建築有限公司 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 :

NO.	DATE	REVISED	BY
B	1/11/2023	GENERAL REVISION	Ivan
A	12/05/2023	GENERAL REVISION	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 :
GENERNAL NOTES FOR ALUM. WINDOW

DATE : 18-Aug-22 | SCALE : 1:3

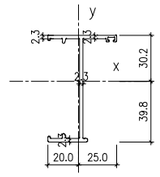
DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-GN02 | REV. : B

PROPERTIES

MEMBER : IW-01 **CKHK15860**
GRADE : 6063-T6
FINISH : PVF2 3-COATING

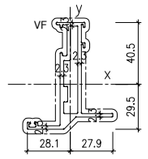


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	331.3
Perimeter (mm) :	302.8
Bounding Box – X (mm):	−20.0 to 25.0
Bounding Box – Y (mm):	−39.8 to 30.2
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	250222.1
Moments of inertia – Y (mm⁴) :	28726.0
Product of inertia – XY (mm⁴) :	−24836.1
Radii of gyration – X (mm) :	27.5
Radii of gyration – Y (mm) :	9.3
Principal moments along X–Y (mm⁴) :	252972.7 along [1.0 −0.1]
Principal moments along Y–X (mm⁴) :	25975.3 along [0.1 1.0]
Elastic Modulus – Zx (mm³):	1 / y–max= 6291.7
Elastic Modulus – Zy (mm³):	1 / x–max= 1149.6

PROPERTIES

MEMBER : IW-02
GRADE : 6063-T6
FINISH : PVF2 3-COATING

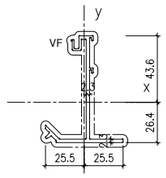


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	536.43
Perimeter (mm) :	433.34
Bounding Box – X (mm):	−28.11 to 27.89
Bounding Box – Y (mm):	−29.49 to 40.51
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	274548.80
Moments of inertia – Y (mm⁴) :	45971.69
Product of inertia – XY (mm⁴) :	−21436.35
Radii of gyration – X (mm) :	22.62
Radii of gyration – Y (mm) :	9.28
Principal moments along X–Y (mm⁴) :	276539.92 along [1.00 −0.08]
Principal moments along Y–X (mm⁴) :	43980.57 along [0.09 1.00]
Elastic Modulus – Zx (mm³):	1 / y–max= 8776.80
Elastic Modulus – Zy (mm³):	1 / x–max= 1635.58

PROPERTIES

MEMBER : IW-03
GRADE : 6063-T6
FINISH : PVF2
3-COATING

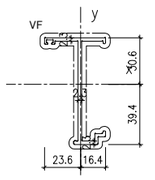


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	329.8
Perimeter (mm) :	316.3
Bounding Box – X (mm):	−25.5 to 25.5
Bounding Box – Y (mm):	−26.4 to 43.6
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	215308.1
Moments of inertia – Y (mm⁴) :	33679.8
Product of inertia – XY (mm⁴) :	−4935.9
Radii of gyration – X (mm) :	25.5
Radii of gyration – Y (mm) :	10.1
Principal moments along X–Y (mm⁴) :	215442.2 along [1.0 0.0]
Principal moments along Y–X (mm⁴) :	33545.7 along [0.0 1.0]
Elastic Modulus – Zx (mm³):	1 / y–max= 4941.8
Elastic Modulus – Zy (mm³):	1 / x–max= 1320.3

PROPERTIES

MEMBER : IW-04
GRADE : 6063-T6
FINISH : PVF2
3-COATING

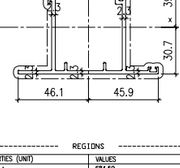


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	308.0
Perimeter (mm) :	283.3
Bounding Box – X (mm):	−23.6 to 16.4
Bounding Box – Y (mm):	−39.4 to 30.6
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	220251.8
Moments of inertia – Y (mm⁴) :	20475.3
Product of inertia – XY (mm⁴) :	24548.9
Radii of gyration – X (mm) :	26.7
Radii of gyration – Y (mm) :	8.2
Principal moments along X–Y (mm⁴) :	253224.2 along [1.0 0.1]
Principal moments along Y–X (mm⁴) :	17502.9 along [−0.1 1.0]
Elastic Modulus – Zx (mm³):	1 / y–max= 5085.5
Elastic Modulus – Zy (mm³):	1 / x–max= 867.0

PROPERTIES

MEMBER : IW-05
GRADE : 6063-T6
FINISH : PVF2 3-COATING

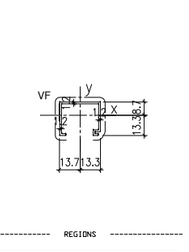


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	555.03
Perimeter (mm) :	411.75
Bounding Box – X (mm):	−37.78 to 32.22
Bounding Box – Y (mm):	−34.53 to 30.47
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	109378.65
Moments of inertia – Y (mm⁴) :	437585.95
Product of inertia – XY (mm⁴) :	−37200.77
Radii of gyration – X (mm) :	14.04
Radii of gyration – Y (mm) :	28.08
Principal moments along X–Y (mm⁴) :	105214.94 along [0.99 0.11]
Principal moments along Y–X (mm⁴) :	441749.66 along [−0.11 0.99]
Elastic Modulus – Zx (mm³):	1 / y–max= 3167.78
Elastic Modulus – Zy (mm³):	1 / x–max= 11581.38

PROPERTIES

MEMBER : IW-06
GRADE : 6063-T6
FINISH : PVF2 3-COATING

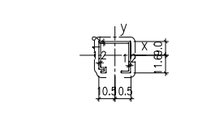


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1309.49
Perimeter (mm) :	858.62
Bounding Box – X (mm):	−31.01 to 31.00
Bounding Box – Y (mm):	−70.95 to 69.05
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	2841672.24
Moments of inertia – Y (mm⁴) :	585276.51
Product of inertia – XY (mm⁴) :	14.83
Radii of gyration – X (mm) :	46.58
Radii of gyration – Y (mm) :	21.14
Principal moments along X–Y (mm⁴) :	2841672.24 along [1.00 0.00]
Principal moments along Y–X (mm⁴) :	585276.51 along [0.00 1.00]
Elastic Modulus – Zx (mm³):	1 / y–max= 40953.11
Elastic Modulus – Zy (mm³):	2 / y–max= 18873.04

PROPERTIES

MEMBER : IW-07
GRADE : 6063-T6
FINISH : PVF2 3-COATING

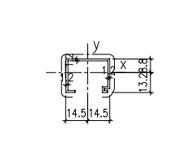


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	402.9
Perimeter (mm) :	352.7
Bounding Box – X (mm):	−46.2 to 33.8
Bounding Box – Y (mm):	−25.4 to 19.6
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	29329.2
Moments of inertia – Y (mm⁴) :	316343.6
Product of inertia – XY (mm⁴) :	29219.8
Radii of gyration – X (mm) :	8.5
Radii of gyration – Y (mm) :	28.0
Principal moments along X–Y (mm⁴) :	26384.7 along [1.0 −0.1]
Principal moments along Y–X (mm⁴) :	319288.1 along [0.1 1.0]
Elastic Modulus – Zx (mm³):	1 / y–max= 1155.4
Elastic Modulus – Zy (mm³):	1 / x–max= 6949.6

PROPERTIES

MEMBER : IW-08
GRADE : 6063-T6
FINISH : PVF2 3-COATING

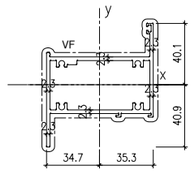


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	459.1
Perimeter (mm) :	411.6
Bounding Box – X (mm):	−31.8 to 38.2
Bounding Box – Y (mm):	−33.6 to 31.4
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	98837.7
Moments of inertia – Y (mm⁴) :	377224.7
Product of inertia – XY (mm⁴) :	32123.1
Radii of gyration – X (mm) :	14.7
Radii of gyration – Y (mm) :	28.7
Principal moments along X–Y (mm⁴) :	95179.1 along [1.0 −0.1]
Principal moments along Y–X (mm⁴) :	380883.3 along [0.1 1.0]
Elastic Modulus – Zx (mm³):	1 / y–max= 2938.0
Elastic Modulus – Zy (mm³):	1 / x–max= 9878.0

PROPERTIES

MEMBER : IW-09
GRADE : 6063-T6
FINISH : PVF2 3-COATING

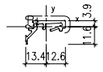


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	678.37
Perimeter (mm) :	594.27
Bounding Box – X (mm):	−34.70 to 35.30
Bounding Box – Y (mm):	−40.62 to 40.08
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	230675.72
Moments of inertia – Y (mm⁴) :	484237.40
Product of inertia – XY (mm⁴) :	−90158.06
Radii of gyration – X (mm) :	18.44
Radii of gyration – Y (mm) :	26.72
Principal moments along X–Y (mm⁴) :	201888.37 along [0.90 0.30]
Principal moments along Y–X (mm⁴) :	513044.75 along [−0.30 0.95]
Elastic Modulus – Zx (mm³):	1 / y–max= 5637.26
Elastic Modulus – Zy (mm³):	2 / x–max= 13718.89

PROPERTIES

MEMBER : IW-10
GRADE : 6063-T6
FINISH : PVF2 3-COATING

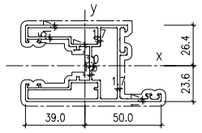


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	92.59
Perimeter (mm) :	115.17
Bounding Box – X (mm):	−13.35 to 12.65
Bounding Box – Y (mm):	−11.64 to 3.85
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	1009.18
Moments of inertia – Y (mm⁴) :	5887.53
Product of inertia – XY (mm⁴) :	−1153.63
Radii of gyration – X (mm) :	3.30
Radii of gyration – Y (mm) :	7.97
Principal moments along X–Y (mm⁴) :	768.61 along [0.98 0.22]
Principal moments along Y–X (mm⁴) :	6138.09 along [−0.22 0.98]
Elastic Modulus – Zx (mm³):	1 / y–max= 86.67
Elastic Modulus – Zy (mm³):	2 / x–max= 440.86

PROPERTIES

MEMBER : IW-11
GRADE : 6063-T6
FINISH : PVF2 3-COATING

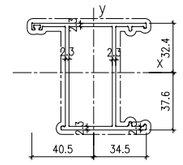


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	876.55
Perimeter (mm) :	800.39
Bounding Box – X (mm):	−39.00 to 50.00
Bounding Box – Y (mm):	−23.58 to 26.44
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	240784.78
Moments of inertia – Y (mm⁴) :	338756.63
Product of inertia – XY (mm⁴) :	41553.61
Radii of gyration – X (mm) :	16.56
Radii of gyration – Y (mm) :	19.38
Principal moments along X–Y (mm⁴) :	225548.95 along [0.84 −0.54]
Principal moments along Y–X (mm⁴) :	353972.46 along [0.54 0.84]
Elastic Modulus – Zx (mm³):	1 / y–max= 9106.98
Elastic Modulus – Zy (mm³):	2 / x–max= 8774.87

PROPERTIES

MEMBER : IW-12
GRADE : 6063-T6
FINISH : PVF2 3-COATING



REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	619.82
Perimeter (mm) :	548.41
Bounding Box – X (mm):	−40.52 to 34.48
Bounding Box – Y (mm):	−37.55 to 32.45
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	465625.05
Moments of inertia – Y (mm⁴) :	208295.70
Product of inertia – XY (mm⁴) :	49368.18
Radii of gyration – X (mm) :	27.41
Radii of gyration – Y (mm) :	18.33
Principal moments along X–Y (mm⁴) :	474771.18 along [0.98 0.18]
Principal moments along Y–X (mm⁴) :	199149.58 along [−0.18 0.98]
Elastic Modulus – Zx (mm³):	1 / y–max= 12400.00
Elastic Modulus – Zy (mm³):	2 / x–max= 5141.28

PROPERTIES

MEMBER : IW-13
GRADE : 6063-T6
FINISH : PVF2 3-COATING

REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	684.59
Perimeter (mm) :	627.63
Bounding Box – X (mm):	−46.09 to 45.91
Bounding Box – Y (mm):	−30.69 to 39.31
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	507649.26
Moments of inertia – Y (mm⁴) :	348855.50
Product of inertia – XY (mm⁴) :	7184.26
Radii of gyration – X (mm) :	27.23
Radii of gyration – Y (mm) :	22.57
Principal moments along X–Y (mm⁴) :	507973.63 along [1.00 0.05]
Principal moments along Y–X (mm⁴) :	348531.12 along [−0.05 1.00]
Elastic Modulus – Zx (mm³):	1 / y–max= 12913.44
Elastic Modulus – Zy (mm³):	1 / x–max= 7569.56

PROPERTIES

MEMBER : IW-14
GRADE : 6063-T6
FINISH : PVF2 3-COATING

REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	83.81
Perimeter (mm) :	162.18
Bounding Box – X (mm):	−13.67 to 13.33
Bounding Box – Y (mm):	−13.28 to 8.72
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	5758.44
Moments of inertia – Y (mm⁴) :	11262.16
Product of inertia – XY (mm⁴) :	255.94
Radii of gyration – X (mm) :	7.83
Radii of gyration – Y (mm) :	10.95
Principal moments along X–Y (mm⁴) :	5746.57 along [1.00 −0.05]
Principal moments along Y–X (mm⁴) :	11274.03 along [0.05 1.00]
Elastic Modulus – Zx (mm³):	1 / y–max= 433.46
Elastic Modulus – Zy (mm³):	2 / x–max= 823.84

PROPERTIES

MEMBER : IW-15
GRADE : 6063-T6
FINISH : PVF2 3-COATING

REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	85.54
Perimeter (mm) :	148.64
Bounding Box – X (mm):	−10.51 to 10.49
Bounding Box – Y (mm):	−11.56 to 9.04
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	4731.50
Moments of inertia – Y (mm⁴) :	5980.84
Product of inertia – XY (mm⁴) :	4.13
Radii of gyration – X (mm) :	7.44
Radii of gyration – Y (mm) :	8.36
Principal moments along X–Y (mm⁴) :	4731.49 along [1.00 0.00]
Principal moments along Y–X (mm⁴) :	5980.85 along [0.00 1.00]
Elastic Modulus – Zx (mm³):	1 / y–max= 430.46
Elastic Modulus – Zy (mm³):	1 / x–max= 569.02

PROPERTIES

MEMBER : IW-16
GRADE : 6063-T6
FINISH :

REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	98.71
Perimeter (mm) :	170.18
Bounding Box – X (mm):	−14.46 to 14.54
Bounding Box – Y (mm):	−13.17 to 8.83
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	6302.03
Moments of inertia – Y (mm⁴) :	13504.86
Product of inertia – XY (mm⁴) :	10.60
Radii of gyration – X (mm) :	7.99
Radii of gyration – Y (mm) :	11.70
Principal moments along X–Y (mm⁴) :	6302.02 along [1.00 0.00]
Principal moments along Y–X (mm⁴) :	13504.88 along [0.00 1.00]
Elastic Modulus – Zx (mm³):	1 / y–max= 478.38
Elastic Modulus – Zy (mm³):	2 / x–max= 928.83

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

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
A	10/11/2021	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 :
DIE LIST FOR IN-SITU WINDOW

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

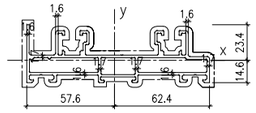
DRAWN BY : Ivan | CHECKED BY :

美特鋁質有限公司
MIDI ALUMINUM 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-1101 | REV. : A

PROPERTIES

MEMBER : IW-17
GRADE : 6063-T6
FINISH : PVF2 3-COATING

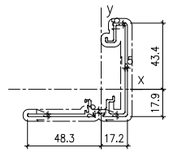


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	742.04
Perimeter (mm) :	857.56
Bounding Box – X (mm):	−57.58 to 62.42
Bounding Box – Y (mm):	−14.62 to 23.38
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	65944.12
Moments of inertia – Y (mm⁴) :	1042891.35
Product of inertia – XY (mm⁴) :	22107.78
Radii of gyration – X (mm) :	9.43
Radii of gyration – Y (mm) :	37.49
Principal moments along X–Y (mm⁴) :	65444.09 along [1.00 −0.02]
Principal moments along Y–X (mm⁴) :	1043391.38 along [0.02 1.00]
Elastic Modulus – Zx (mm³):	I / y–max= 2821.13
Elastic Modulus – Zy (mm³):	J / x–max= 16707.30

PROPERTIES

MEMBER : IW-18
GRADE : 6063-T6
FINISH : PVF2 3-COATING

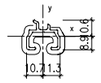


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	297.59
Perimeter (mm) :	361.01
Bounding Box – X (mm):	−48.26 to 17.25
Bounding Box – Y (mm):	−17.86 to 43.44
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	134862.28
Moments of inertia – Y (mm⁴) :	96307.07
Product of inertia – XY (mm⁴) :	−63007.66
Radii of gyration – X (mm) :	21.29
Radii of gyration – Y (mm) :	17.99
Principal moments along X–Y (mm⁴) :	181475.43 along [0.80 −0.59]
Principal moments along Y–X (mm⁴) :	49693.92 along [0.59 0.80]
Elastic Modulus – Zx (mm³):	I / y–max= 3104.37
Elastic Modulus – Zy (mm³):	J / x–max= 1995.72

PROPERTIES

MEMBER : IW-19
GRADE : 6063-T6
FINISH : PVF2 3-COATING



REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	99.26
Perimeter (mm) :	122.31
Bounding Box – X (mm):	−10.71 to 11.29
Bounding Box – Y (mm):	−8.89 to 10.63
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	2823.69
Moments of inertia – Y (mm⁴) :	5584.24
Product of inertia – XY (mm⁴) :	263.56
Radii of gyration – X (mm) :	5.33
Radii of gyration – Y (mm) :	7.50
Principal moments along X–Y (mm⁴) :	2798.75 along [1.00 −0.09]
Principal moments along Y–X (mm⁴) :	5609.18 along [0.09 1.00]
Elastic Modulus – Zx (mm³):	I / y–max= 265.53
Elastic Modulus – Zy (mm³):	J / x–max= 494.56

PROPERTIES

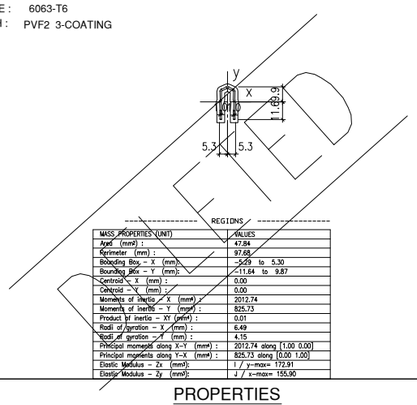
MEMBER : IW-20
GRADE : 6063-T6
FINISH : PVF2
3-COATING

REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	73.68
Perimeter (mm) :	89.72
Bounding Box – X (mm):	−5.07 to 13.93
Bounding Box – Y (mm):	−19.15 to 10.85
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	6670.95
Moments of inertia – Y (mm⁴) :	2255.77
Product of inertia – XY (mm⁴) :	−2870.40
Radii of gyration – X (mm) :	9.51
Radii of gyration – Y (mm) :	5.53
Principal moments along X–Y (mm⁴) :	8094.51 along [0.90 −0.44]
Principal moments along Y–X (mm⁴) :	842.22 along [0.44 0.90]
Elastic Modulus – Zx (mm³):	I / y–max= 348.32
Elastic Modulus – Zy (mm³):	J / x–max= 161.94

PROPERTIES

MEMBER : IW-21
GRADE : 6063-T6
FINISH : PVF2 3-COATING



REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	47.84
Perimeter (mm) :	97.68
Bounding Box – X (mm):	−5.29 to 5.30
Bounding Box – Y (mm):	−11.64 to 9.87
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	2012.74
Moments of inertia – Y (mm⁴) :	825.73
Product of inertia – XY (mm⁴) :	0.01
Radii of gyration – X (mm) :	6.49
Radii of gyration – Y (mm) :	4.15
Principal moments along X–Y (mm⁴) :	2012.74 along [1.00 0.00]
Principal moments along Y–X (mm⁴) :	825.73 along [0.00 1.00]
Elastic Modulus – Zx (mm³):	I / y–max= 172.91
Elastic Modulus – Zy (mm³):	J / x–max= 155.90

PROPERTIES

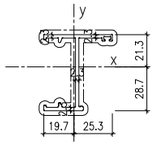
MEMBER : IW-22
GRADE : 6063-T6
FINISH : PVF2 3-COATING

REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	80.74
Perimeter (mm) :	140.64
Bounding Box – X (mm):	−9.39 to 9.61
Bounding Box – Y (mm):	−11.83 to 8.97
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	4271.37
Moments of inertia – Y (mm⁴) :	4665.83
Product of inertia – XY (mm⁴) :	−103.97
Radii of gyration – X (mm) :	7.27
Radii of gyration – Y (mm) :	7.60
Principal moments along X–Y (mm⁴) :	4245.64 along [0.97 0.24]
Principal moments along Y–X (mm⁴) :	4691.55 along [−0.24 0.97]
Elastic Modulus – Zx (mm³):	I / y–max= 367.27
Elastic Modulus – Zy (mm³):	J / x–max= 485.33

PROPERTIES

MEMBER : IW-23
GRADE : 6063-T6
FINISH : PVF2 3-COATING

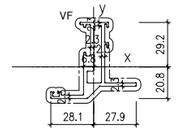


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	287.6
Perimeter (mm) :	262.4
Bounding Box – X (mm):	−19.7 to 25.3
Bounding Box – Y (mm):	−28.7 to 21.3
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	115822.9
Moments of inertia – Y (mm⁴) :	28613.8
Product of inertia – XY (mm⁴) :	−17515.5
Radii of gyration – X (mm) :	20.1
Radii of gyration – Y (mm) :	10.0
Principal moments along X–Y (mm⁴) :	118231.7 along [1.0 −0.2]
Principal moments along Y–X (mm⁴) :	25205.0 along [0.2 1.0]
Elastic Modulus – Zx (mm³):	I / y–max= 4030.1
Elastic Modulus – Zy (mm³):	J / x–max= 1131.8

PROPERTIES

MEMBER : IW-24
GRADE : 6063-T6
FINISH : PVF2 3-COATING

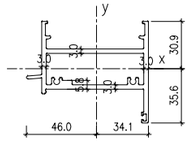


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	448.79
Perimeter (mm) :	348.62
Bounding Box – X (mm):	−28.07 to 27.93
Bounding Box – Y (mm):	−20.77 to 29.23
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	109165.85
Moments of inertia – Y (mm⁴) :	42756.51
Product of inertia – XY (mm⁴) :	−15754.10
Radii of gyration – X (mm) :	15.60
Radii of gyration – Y (mm) :	9.76
Principal moments along X–Y (mm⁴) :	112713.62 along [0.98 −0.22]
Principal moments along Y–X (mm⁴) :	39208.74 along [0.22 0.98]
Elastic Modulus – Zx (mm³):	I / y–max= 3754.15
Elastic Modulus – Zy (mm³):	J / x–max= 1523.08

PROPERTIES

MEMBER : IW-25
GRADE : 6063-T6
FINISH : PVF2 3-COATING

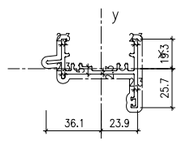


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	799.85
Perimeter (mm) :	558.01
Bounding Box – X (mm):	−45.95 to 34.05
Bounding Box – Y (mm):	−35.58 to 30.92
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	165318.62
Moments of inertia – Y (mm⁴) :	573464.93
Product of inertia – XY (mm⁴) :	40755.20
Radii of gyration – X (mm) :	14.38
Radii of gyration – Y (mm) :	26.78
Principal moments along X–Y (mm⁴) :	161288.82 along [1.00 −0.10]
Principal moments along Y–X (mm⁴) :	577494.73 along [0.10 1.00]
Elastic Modulus – Zx (mm³):	I / y–max= 4646.99
Elastic Modulus – Zy (mm³):	J / x–max= 12478.20

PROPERTIES

MEMBER : IW-26
GRADE : 6063-T6
FINISH : PVF2 3-COATING

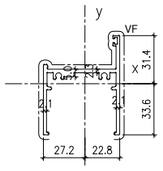


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	358.9
Perimeter (mm) :	312.7
Bounding Box – X (mm):	−36.1 to 23.9
Bounding Box – Y (mm):	−25.7 to 19.3
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	29049.5
Moments of inertia – Y (mm⁴) :	145281.7
Product of inertia – XY (mm⁴) :	20746.1
Radii of gyration – X (mm) :	9.0
Radii of gyration – Y (mm) :	20.2
Principal moments along X–Y (mm⁴) :	25457.8 along [1.0 −0.2]
Principal moments along Y–X (mm⁴) :	148873.6 along [0.2 1.0]
Elastic Modulus – Zx (mm³):	I / y–max= 1131.5
Elastic Modulus – Zy (mm³):	J / x–max= 4026.9

PROPERTIES

MEMBER : AW-27
GRADE : 6063-T6
FINISH : PVF2 3-COATING

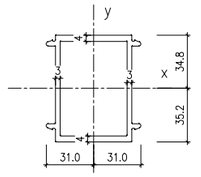


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	419.6
Perimeter (mm) :	374.5
Bounding Box – X (mm):	−27.2 to 22.8
Bounding Box – Y (mm):	−33.6 to 31.4
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	93959.9
Moments of inertia – Y (mm⁴) :	173185.4
Product of inertia – XY (mm⁴) :	−23335.0
Radii of gyration – X (mm) :	15.0
Radii of gyration – Y (mm) :	20.3
Principal moments along X–Y (mm⁴) :	87697.7 along [1.0 0.3]
Principal moments along Y–X (mm⁴) :	179547.5 along [−0.3 1.0]
Elastic Modulus – Zx (mm³):	I / y–max= 2797.1
Elastic Modulus – Zy (mm³):	J / x–max= 6362.4

PROPERTIES

MEMBER : IW-28
GRADE : 6063-T6
FINISH : PVF2 3-COATING

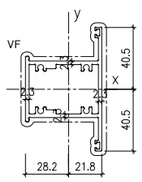


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	845.4
Perimeter (mm) :	493.2
Bounding Box – X (mm):	−31.0 to 31.0
Bounding Box – Y (mm):	−35.2 to 34.8
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	609413.3
Moments of inertia – Y (mm⁴) :	345866.4
Product of inertia – XY (mm⁴) :	0.0
Radii of gyration – X (mm) :	26.8
Radii of gyration – Y (mm) :	20.2
Principal moments along X–Y (mm⁴) :	609413.3 along [1.0 0.0]
Principal moments along Y–X (mm⁴) :	345866.4 along [0.0 1.0]
Elastic Modulus – Zx (mm³):	I / y–max= 17539.4
Elastic Modulus – Zy (mm³):	J / x–max= 11125.5

PROPERTIES

MEMBER : IW-29
GRADE : 6063-T6
FINISH : PVF2 3-COATING

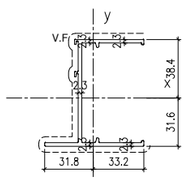


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	402.59
Perimeter (mm) :	516.39
Bounding Box – X (mm):	−28.20 to 21.80
Bounding Box – Y (mm):	−40.50 to 40.50
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	209403.47
Moments of inertia – Y (mm⁴) :	212150.73
Product of inertia – XY (mm⁴) :	0.00
Radii of gyration – X (mm) :	18.64
Radii of gyration – Y (mm) :	18.76
Principal moments along X–Y (mm⁴) :	209403.47 along [1.00 0.00]
Principal moments along Y–X (mm⁴) :	212150.73 along [0.00 1.00]
Elastic Modulus – Zx (mm³):	I / y–max= 5170.46
Elastic Modulus – Zy (mm³):	J / x–max= 7923.74

PROPERTIES

MEMBER : IW-30
GRADE : 6063-T6
FINISH : PVF2 3-COATING

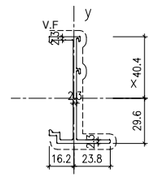


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	424.6
Perimeter (mm) :	380.3
Bounding Box – X (mm):	−31.8 to 33.2
Bounding Box – Y (mm):	−31.6 to 38.4
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	355073.2
Moments of inertia – Y (mm⁴) :	97855.3
Product of inertia – XY (mm⁴) :	−32708.7
Radii of gyration – X (mm) :	28.9
Radii of gyration – Y (mm) :	15.2
Principal moments along X–Y (mm⁴) :	359167.4 along [1.0 −0.1]
Principal moments along Y–X (mm⁴) :	93761.2 along [0.1 1.0]
Elastic Modulus – Zx (mm³):	I / y–max= 9230.8
Elastic Modulus – Zy (mm³):	J / x–max= 2944.1

PROPERTIES

MEMBER : IW-31
GRADE : 6063-T6
FINISH : PVF2 3-COATING

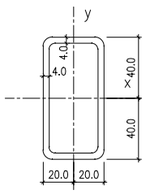


REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	309.3
Perimeter (mm) :	280.8
Bounding Box – X (mm):	−16.2 to 23.8
Bounding Box – Y (mm):	−29.6 to 40.4
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	214126.7
Moments of inertia – Y (mm⁴) :	19230.2
Product of inertia – XY (mm⁴) :	−19168.9
Radii of gyration – X (mm) :	26.3
Radii of gyration – Y (mm) :	7.9
Principal moments along X–Y (mm⁴) :	17362.8 along [0.1 −1.0]
Principal moments along Y–X (mm⁴) :	215994.2 along [1.0 0.1]
Elastic Modulus – Zx (mm³):	I / y–max= 5097.4
Elastic Modulus – Zy (mm³):	J / x–max= 809.0

PROPERTIES

MEMBER : (M1)80x40x4mm THK. G.M.S. R.H.S.
GRADE : S275
FINISH : -



REGIONS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	878.8
Perimeter (mm) :	430.8
Bounding Box – X (mm):	−20.0 to 20.0
Bounding Box – Y (mm):	−40.0 to 40.0
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	682048.1
Moments of inertia – Y (mm⁴) :	222401.7
Product of inertia – XY (mm⁴) :	0.0
Radii of gyration – X (mm) :	27.9
Radii of gyration – Y (mm) :	15.9
Principal moments along X–Y (mm⁴) :	682048.1 along [1.0 0.0]
Principal moments along Y–X (mm⁴) :	222401.7 along [0.0 1.0]
Elastic Modulus – Zx (mm³):	I / y–max= 17051.2
Elastic Modulus – Zy (mm³):	J / x–max= 11120.1

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

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
D	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	16/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	20/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

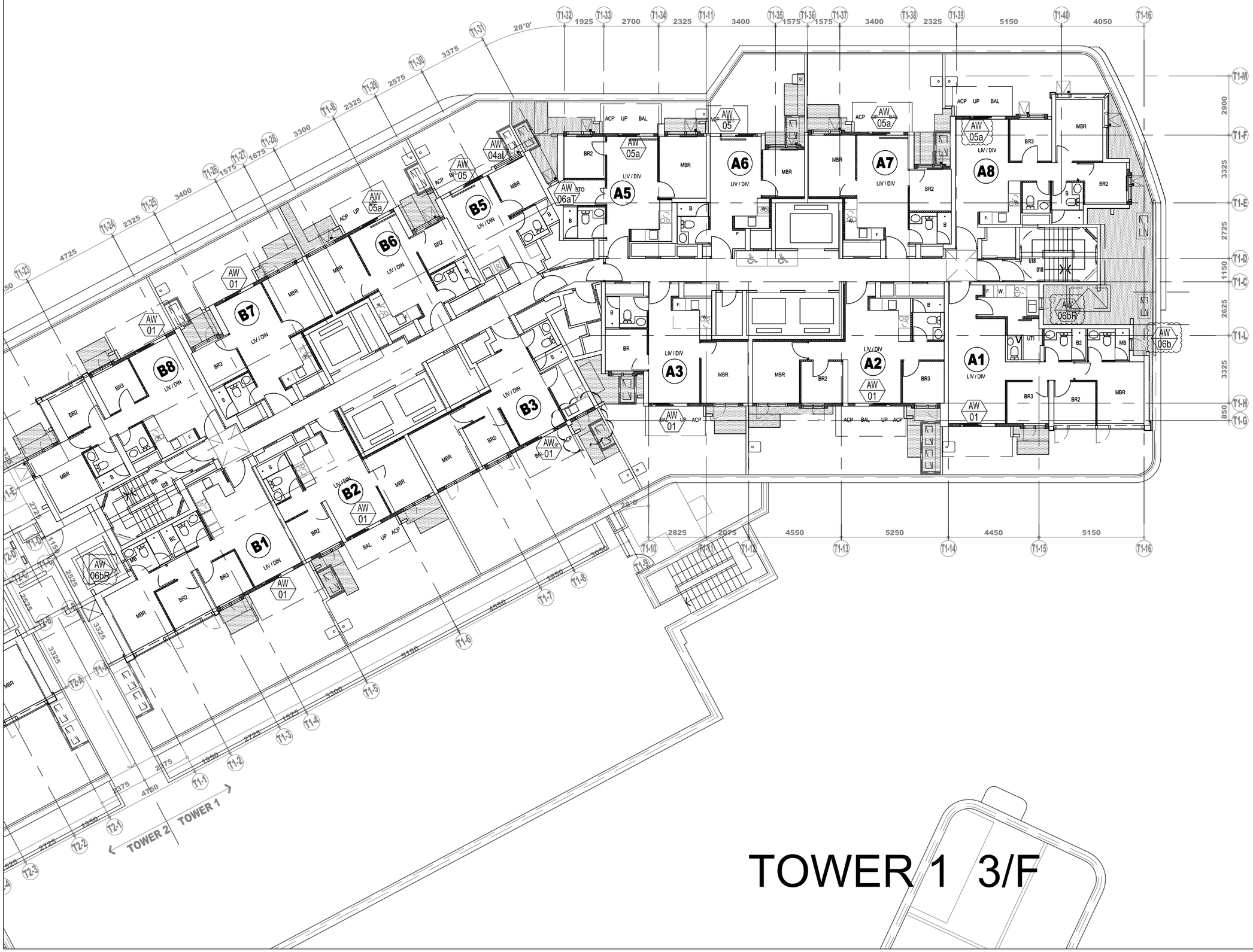
TITLE :
DIE LIST FOR
IN-SITU WINDOW

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

DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-1102 | REV. : D



B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :

怡輝建築有限公司
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 / X001 — 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+8mmTP THK. I.G.U.

EGL-2--10mm THK. CLEAR TEMPERED GLASS

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

NO.	DATE	REVISED	BY
H	26/04/2023	REVISION SUBJECT TO ARCH SDS-0191H .COMMENT	Ivan
G	24/02/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	06/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	11/11/2022	UPDATE 14TH 20221109 GBP	Ivan
D	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	23/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	09/11/2021	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.

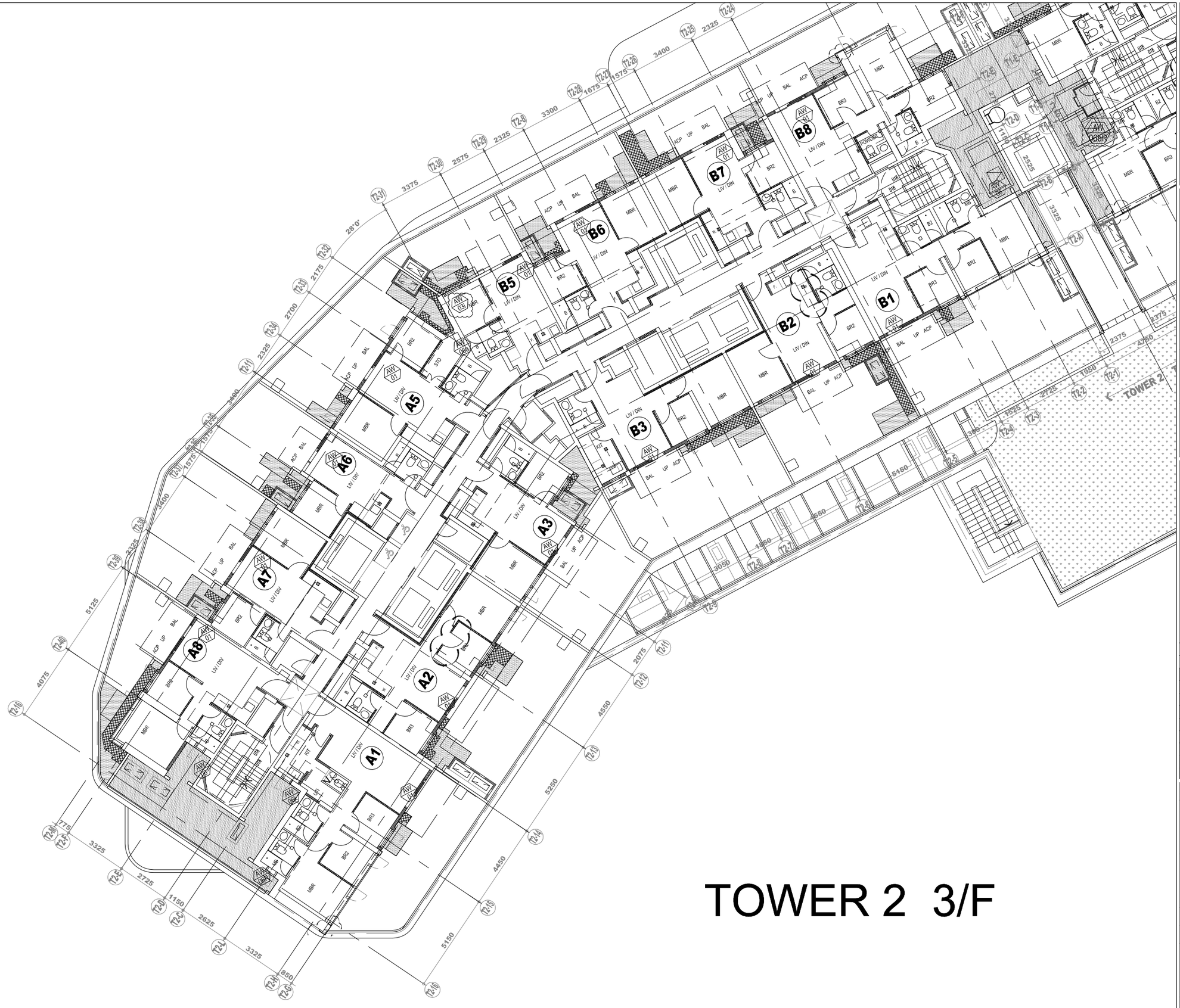
TITLE :
PLAN FOR IN-SITU WINDOW AT TOWER 1

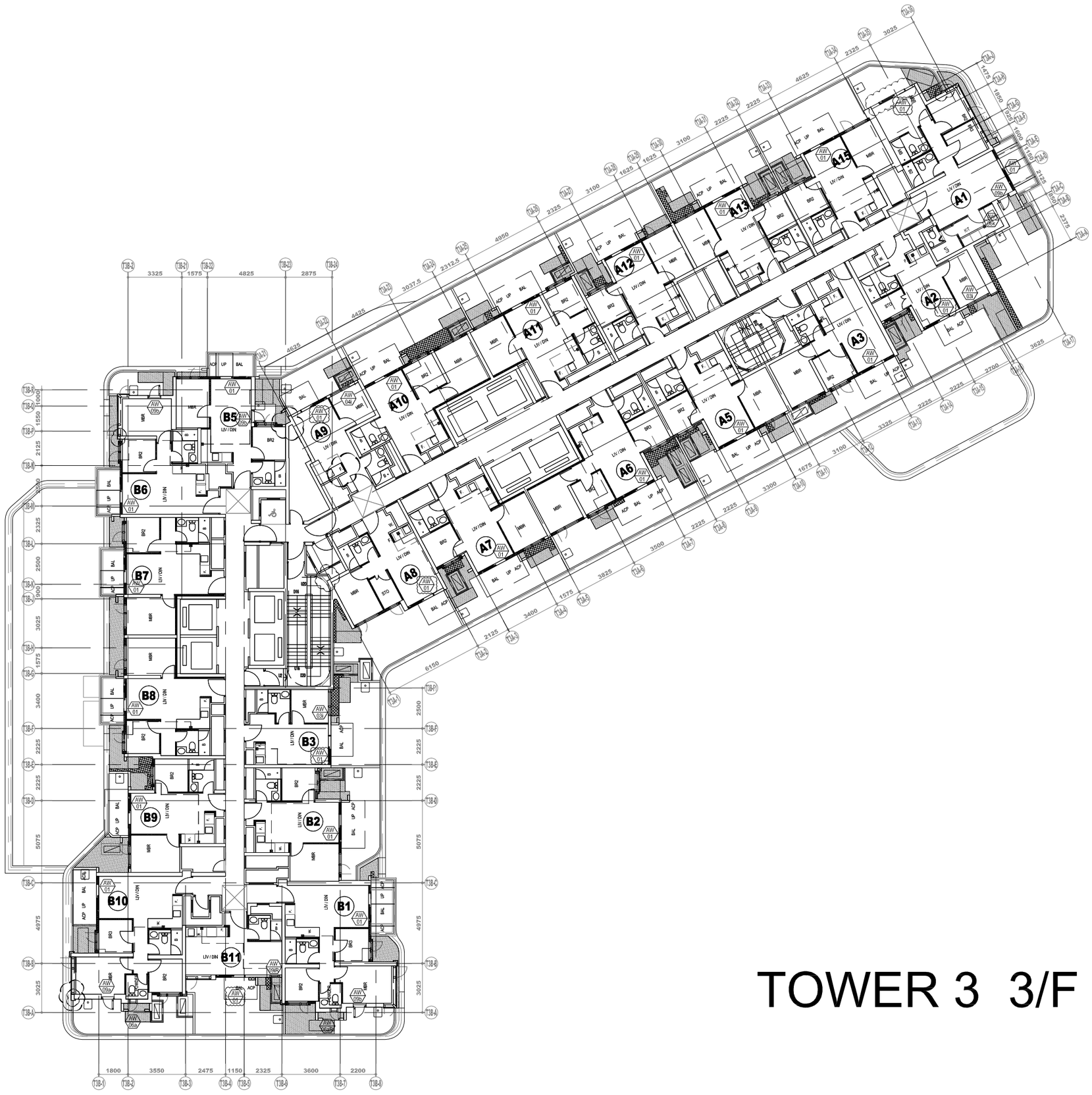
DATE : 02-Aug-21 | SCALE : 1:200

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-3101 | REV. : H


A1
A2
A3
A5
A6
A7
A8
B1
B2
B3
B5
B6
B7
B8
TOWER 2
T2-1
T2-2
T2-3
T2-4
T2-5
T2-6
T2-7
T2-8
T2-9
T2-10
T2-11
T2-12
T2-13
T2-14
T2-15
T2-16
T2-17
T2-18
T2-19
T2-20
T2-21
T2-22
T2-23
T2-24
T2-25
T2-26
T2-27
T2-28
T2-29
T2-30
T2-31
T2-32
T2-33
T2-34
T2-35
T2-36
T2-37
T2-38
T2-39
T2-40
T2-41
MBR
BR2
BR3
LIV / DIN
LIV / DIV
BAL
ACP
UP
AW 01
AW 02
AW 03
AW 04
AW 05
AW 06
AW 06BR
AW 06BR
AW 07
AW 08
AW 09
AW 10
AW 11
AW 12
AW 13
AW 14
AW 15
AW 16
AW 17
AW 18
AW 19
AW 20
AW 21
AW 22
AW 23
AW 24
AW 25
AW 26
AW



TOWER 3 3/F

B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :

怡輝建築有限公司
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+8mmTP THK. I.G.U.

EGL-2--10mm THK. CLEAR TEMPERED GLASS

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

NO.	DATE	REVISED	BY
I	26/10/2023	GENERAL REVISION	Ivan
H	24/02/2023	UPDATE 14TH 20230119 GBP	Ivan
G	06/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	11/11/2022	UPDATE 14TH 20221109 GBP	Ivan
E	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	23/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	09/11/2021	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 :
PLAN FOR IN-SITU WINDOW AT TOWER 3

DATE : 02-Aug-21 | SCALE : 1:200

DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-3301 | REV. : I

TOWER 1 - HIGH ZONE (15/F - 45/F)

TOWER 1 5/F-45/F

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 :
怡輝建築有限公司 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 / X001 — DETAIL MARK NO. / REFER SHEET NO.
1. F.F.L. --FINISHED FLOOR LEVEL
2. S.F.L. --STRUCTURAL FLOOR LEVEL
3. /R --REVERSED DETAIL

NO.	DATE	REVISED	BY
I	26/04/2023	REVISION SUBJECT TO ARCH SDS-0191H .COMMENT	Ivan
H	23/03/2023	REVISION SUBJECT TO SITE MEMO-1324	Ivan
G	24/02/2023	UPDATE 14TH 20230119 GBP	Ivan
F	16/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	11/11/2022	UPDATE 14TH 20221109 GBP	Ivan
D	25/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	21/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	23/11/2021	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.

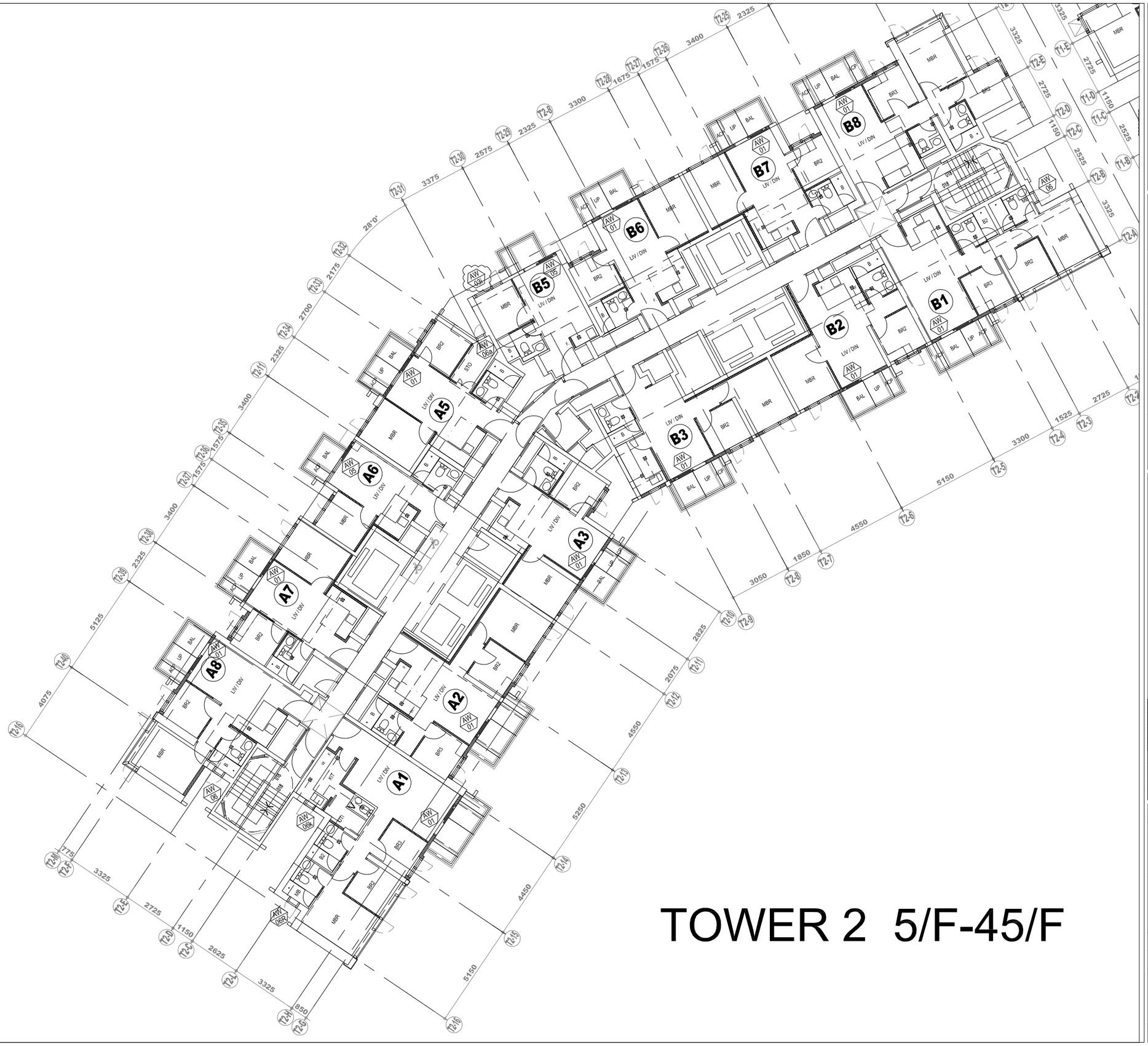
TITLE :
PLAN FOR IN-SITU WINDOW AT TOWER 1

DATE : 02-Aug-21 | SCALE : 1:200

DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-3102 | REV. : I



TOWER 2 5/F-45/F

B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :

怡輝建築有限公司
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 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
G	24/02/2023	UPDATE 14TH 20230119 GBP	Ivan
F	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	11/11/2022	UPDATE 14TH 20221109 GBP	Ivan
D	11/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	21/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	23/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan

JOB NO. : J-856

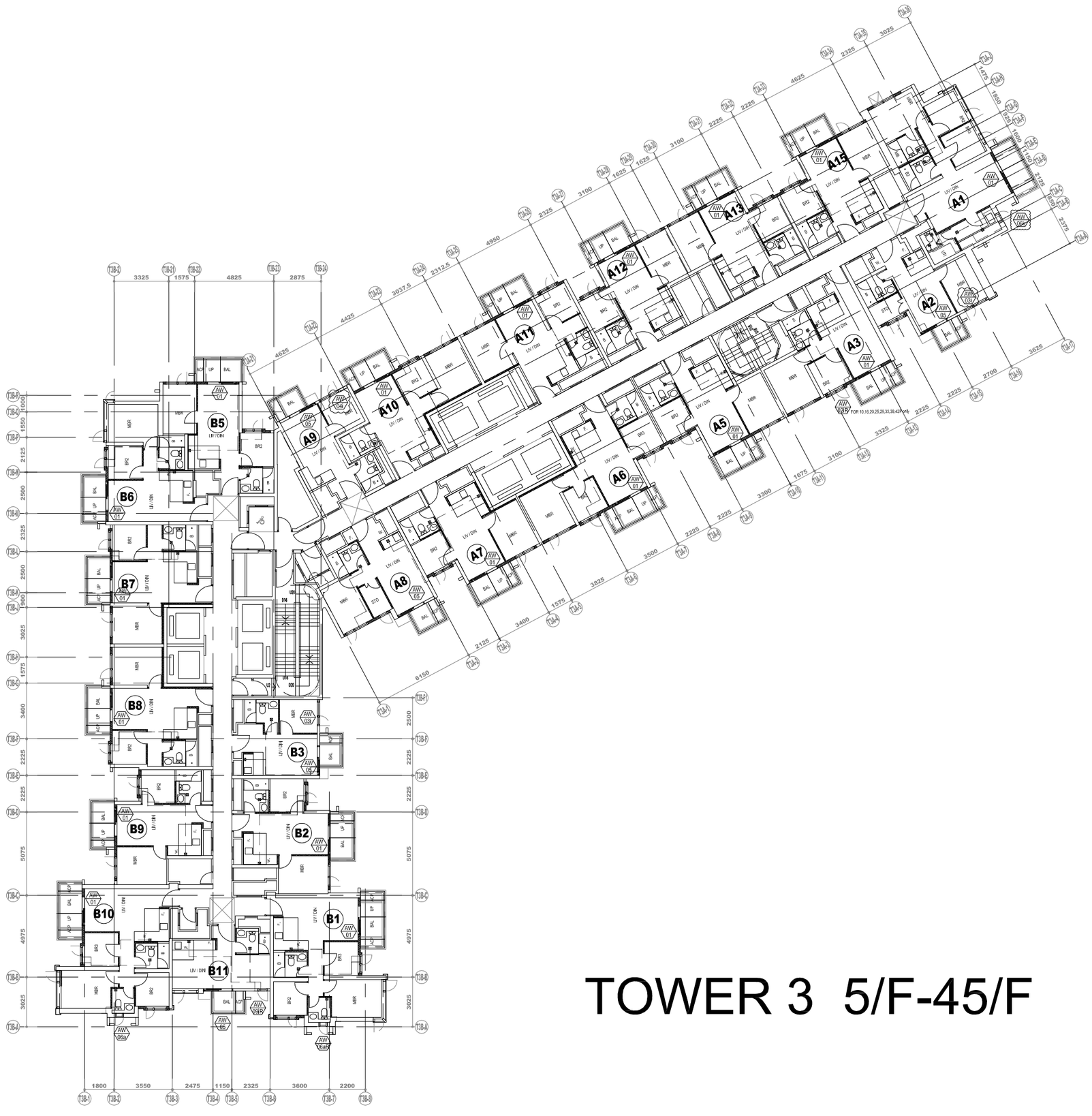
PROJECT :
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE :
PLAN FOR IN-SITU WINDOW AT TOWER 2

DATE : 02-Aug-21	SCALE : 1:200
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-3202 | REV. : G



TOWER 3 5/F-45/F

B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :

怡輝建築有限公司
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

NO.	DATE	REVISED	BY
G	24/02/2023	UPDATE 14TH 20230119 GBP	Ivan
F	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	11/11/2022	UPDATE 14TH 20221109 GBP	Ivan
D	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	21/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	23/11/2021	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 :
PLAN FOR IN-SITU WINDOW AT TOWER 3

DATE : 02-Aug-21 | SCALE : 1:200

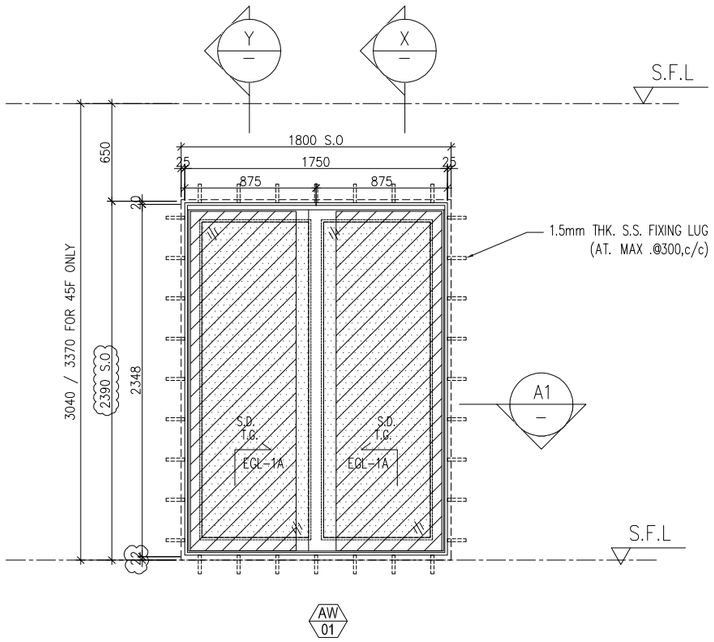
DRAWN BY : Ivan | CHECKED BY :

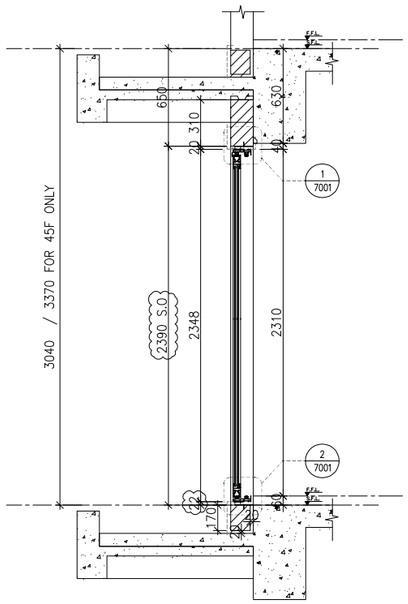
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

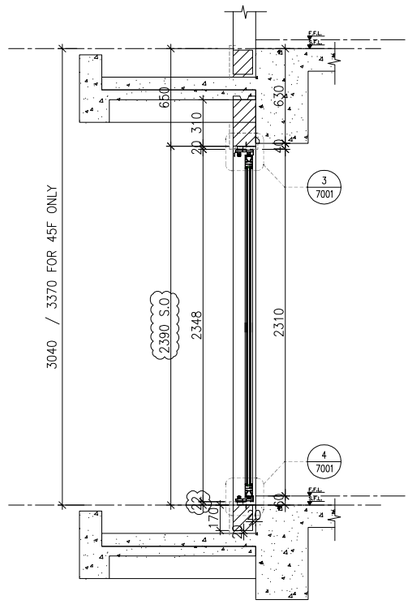
DWG NO. : J856-SD-IW-3302 | REV. : G

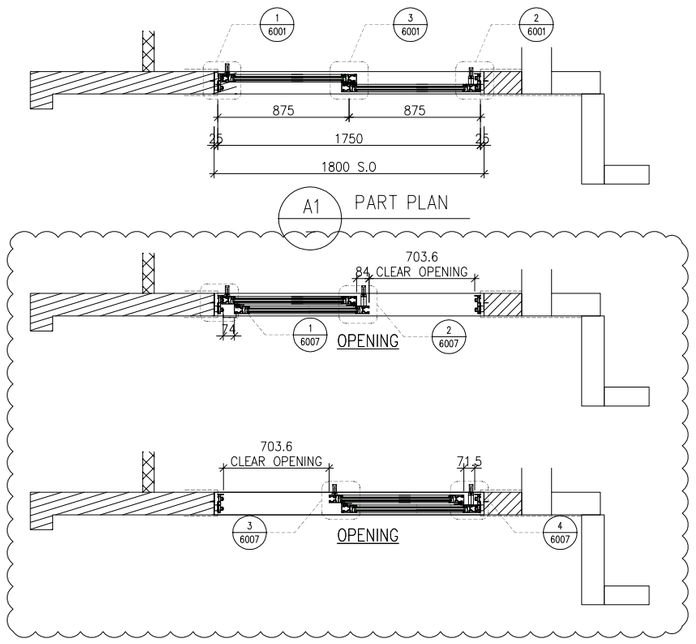
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1–LIV	1.447	1.682	1.591	2.99

ELEVATION









WINDOW MARK	AW 01
LOCATION	3/F–45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A1
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1A
QUANTITY	37 Nos.
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
G	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	22/06/2022	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 1 IN–SITU WINDOW

DATE : 02–Aug–21 | SCALE : 1:40

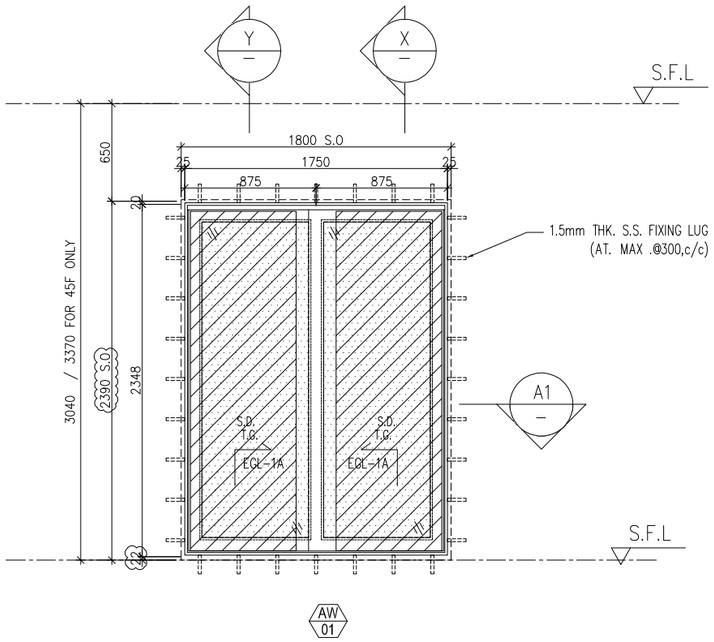
DRAWN BY : Ivan | CHECKED BY :

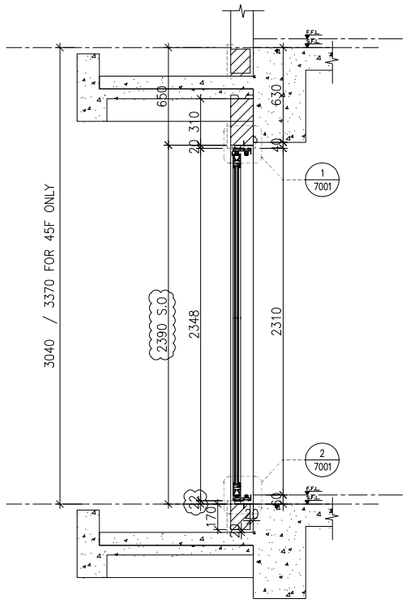
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5101 | REV. : G

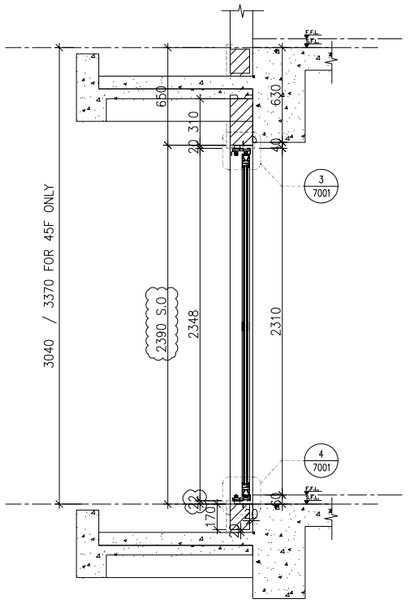
LOCATION	REQUIRE		PROVIDED	
	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A2–LIV	1.272	1.527	1.591	2.99
~~A5–LIV~~	~~1.198~~	~~1.409~~		
B3–LIV	1.048	1.486		

ELEVATION

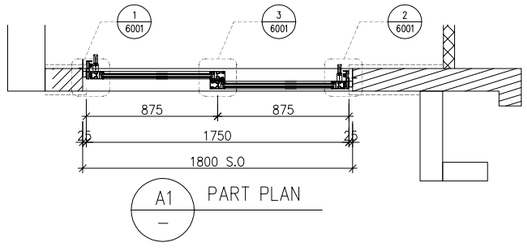




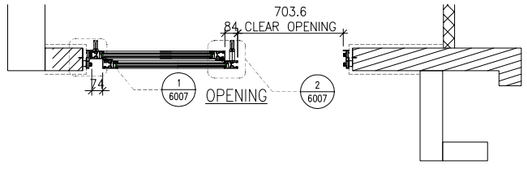
X PART SECTION

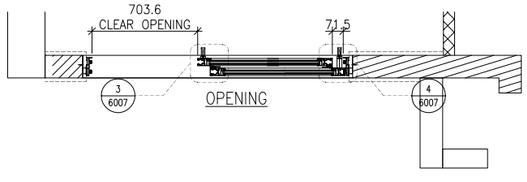


Y PART SECTION



A1 PART PLAN





WINDOW MARK	AW 01
LOCATION	3/F–45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B3,A2
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1A
QUANTITY	37 Nos./37 Nos.
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
H	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
G	03/03/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	16/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	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 1 IN–SITU WINDOW

DATE : 02–Aug–21 | SCALE : 1:40

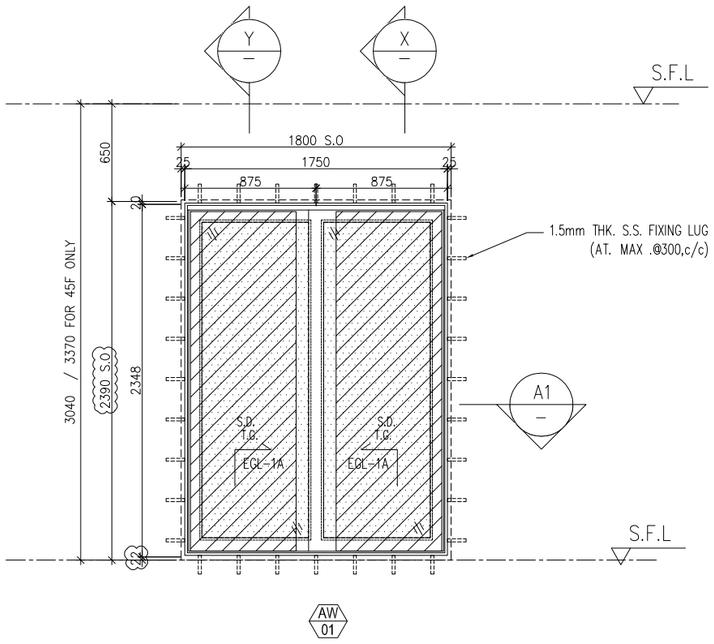
DRAWN BY : Ivan | CHECKED BY :

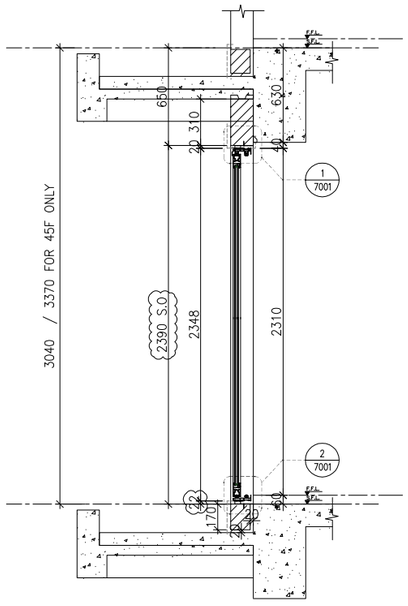
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5102 | REV. : H

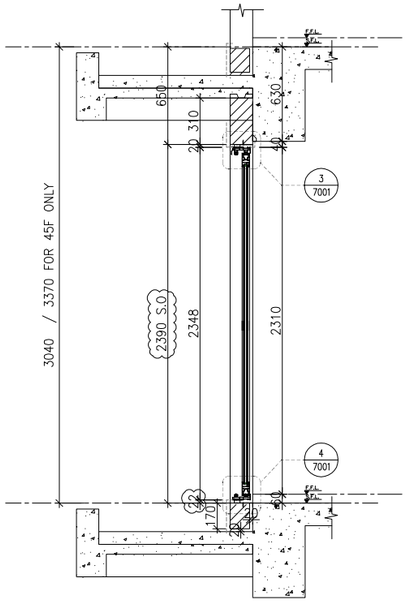
LOCATION	REQUIRE		PROVIDED	
	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A3-LIV	1.202	1.416	1.591	2.99
~~A7-LIV~~	~~1.210~~	~~1.427~~		
B2-LIV	1.240	1.475		
~~B6-LIV~~	~~1.196~~	~~1.405~~		
B7-LIV	1.196	1.405		

ELEVATION

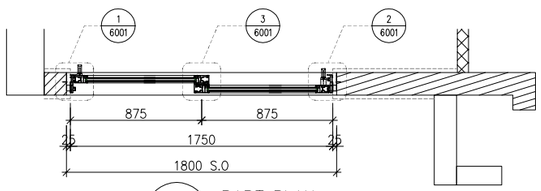




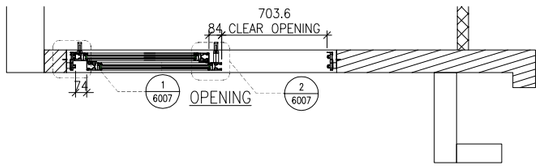
X PART SECTION

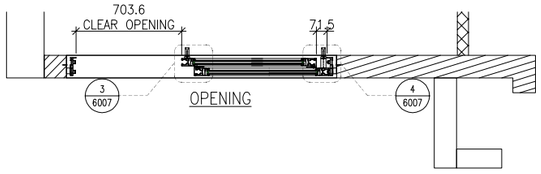


Y PART SECTION



A1 PART PLAN





WINDOW MARK	AW 01	AW 01
LOCATION	3/F-~~45/F~~(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A3~~(A7-3F),(B6-3F)~~,B2,B7	3/F-42/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B7
SECTION	70mm ALUM. SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A	EGL-1,EGL-1A
QUANTITY	~~37 Nos./1 No./1 No./37 Nos./37 Nos.~~	35 Nos.
REMARKS		FAÇADE(TYPE 1)PF04R FOR 3/F~45/F)

DELETE

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
H	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
G	03/03/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	16/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	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 1 IN-SITU WINDOW

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

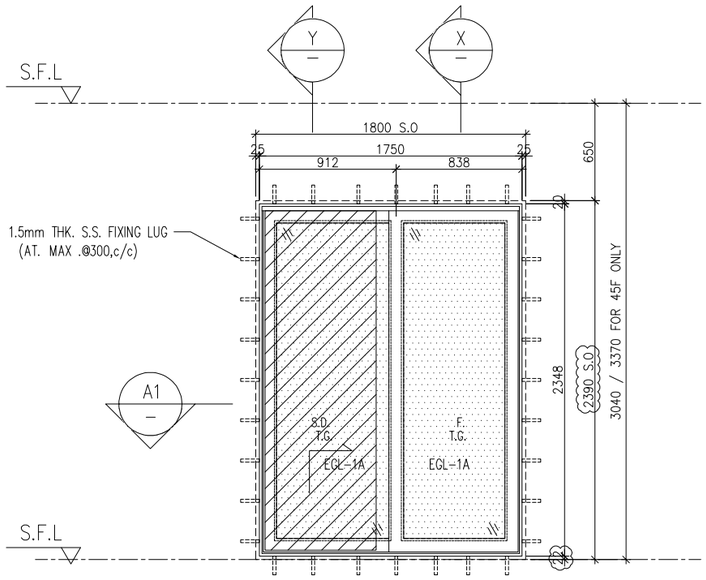
DRAWN BY : Ivan | CHECKED BY :

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

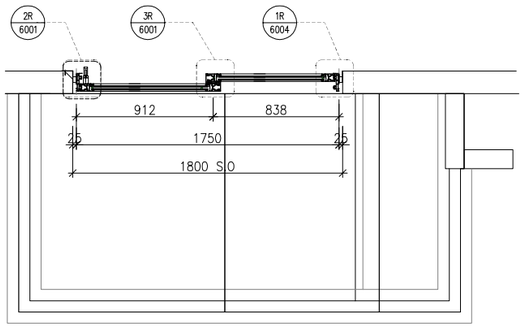
DWG NO. : J856-SD-IW-5103 | REV. : H

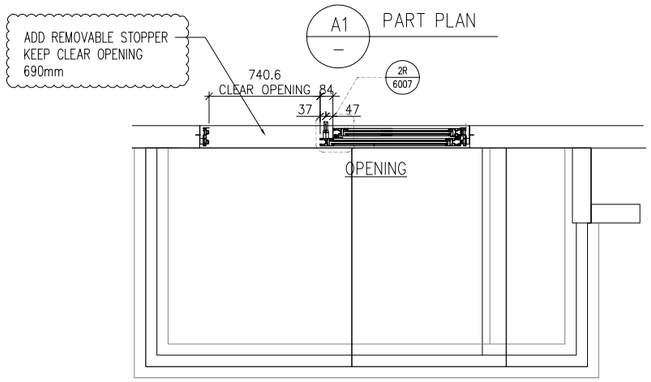
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A8-LIV	1.479	1.656	(1.539)	(2.99)
A7-LIV	1.210	1.427		
A5-LIV	1.198	1.409		
B6-LIV	1.196	1.405		

ELEVATION

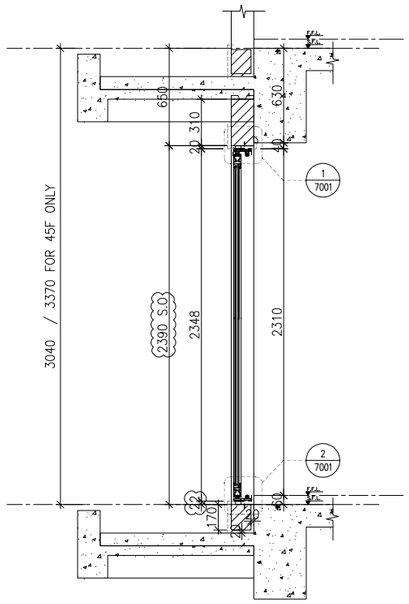


AW
05R

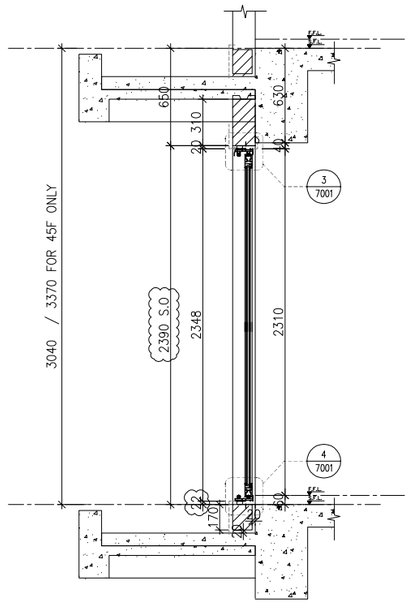




A1 — PART PLAN



X — PART SECTION



Y — PART SECTION

WINDOW MARK	AW 05a
LOCATION	3/F-45/F(13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A5 , A7 , A8 , B6
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	(37 Nos / 37 Nos / 37 Nos / 37 Nos)
REMARKS	FACADE(TYPE T1PF07 FOR 5/F~42/F)

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 :
怡輝建築有限公司
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 / X001) — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
E	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	03/03/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	16/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	23/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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 1 IN-SITU WINDOW

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

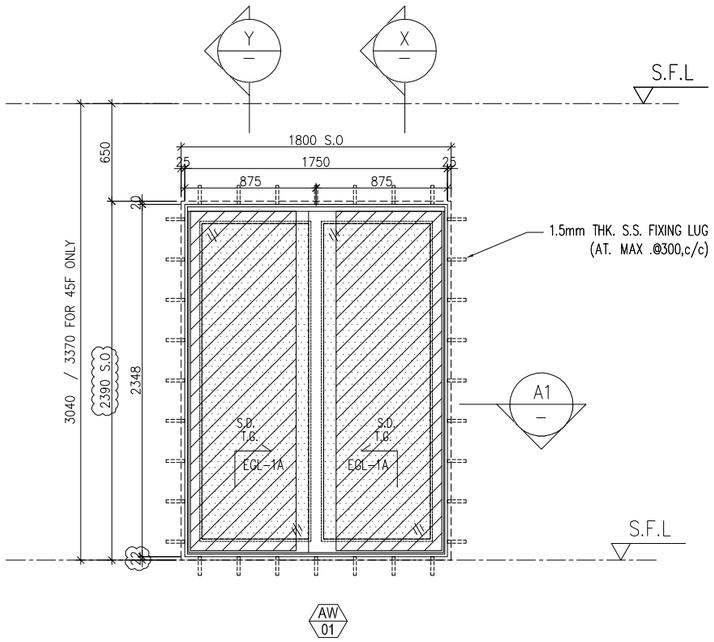
DRAWN BY : Ivan | CHECKED BY :

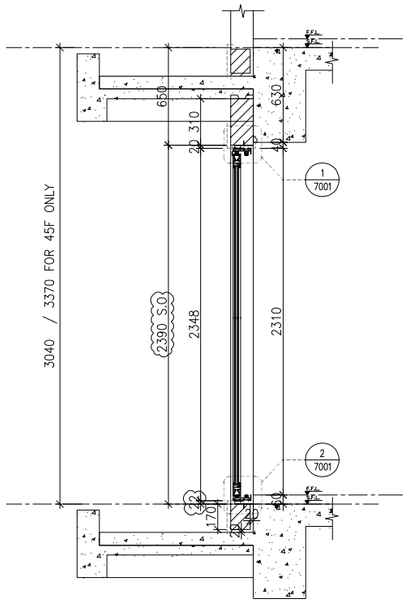
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

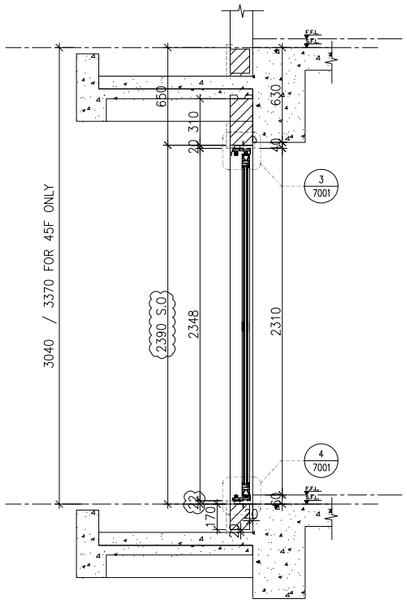
DWG NO. : J856-SD-IW-5104 | REV. : E

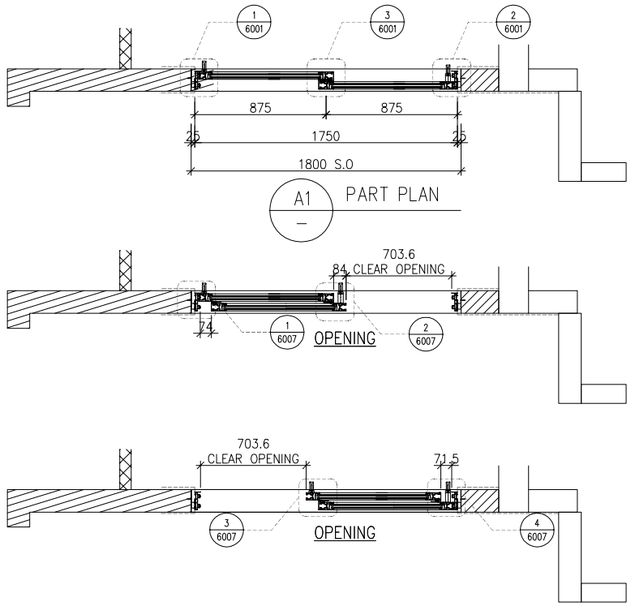
LOCATION	REQUIRE		PROVIDED	
	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
~~A8_LIV~~	~~1.479~~	~~1.656~~	1.591	2.99
B1–LIV	1.414	1.755		
B8–LIV	1.641 Not Enough	1.792		

ELEVATION









WINDOW MARK	AW 01
LOCATION	3/F–~~45/F~~(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B1,B8
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1A
QUANTITY	37 Nos./37 Nos.
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
H	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
G	03/03/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	16/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	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 1 IN–SITU WINDOW

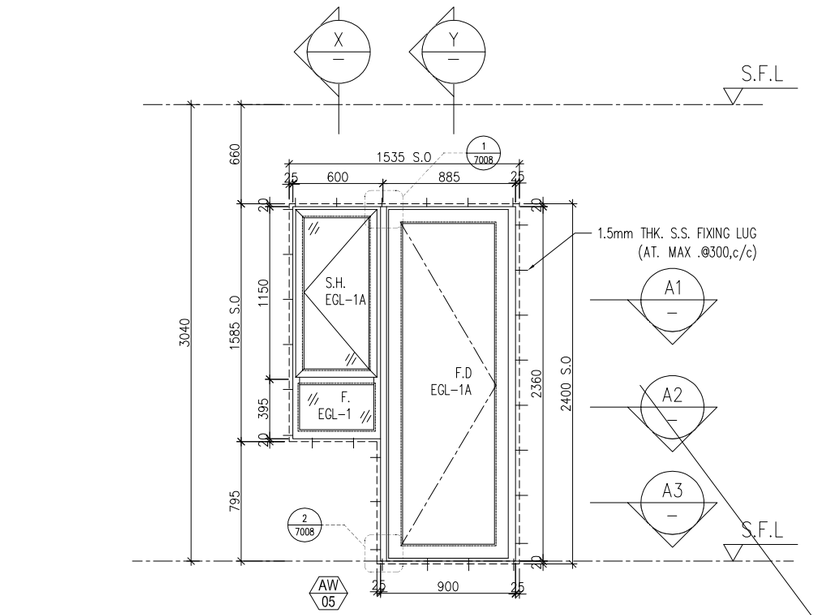
DATE : 02–Aug–21 | SCALE : 1:40

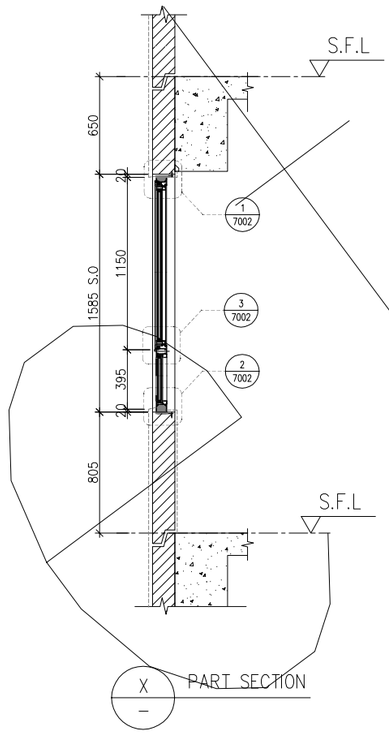
DRAWN BY : Ivan | CHECKED BY :

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

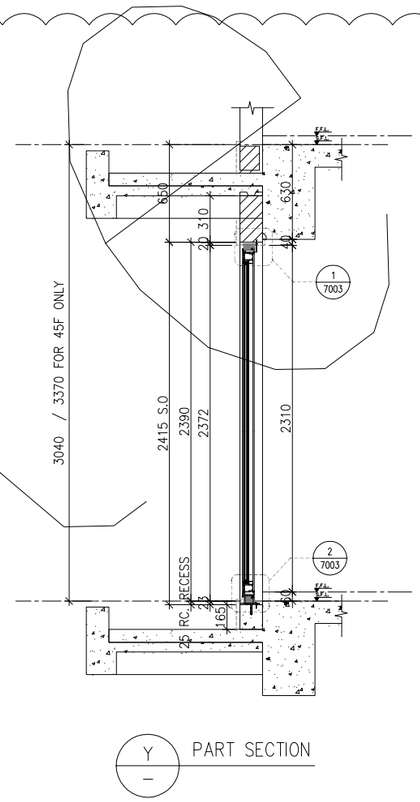
DWG NO. : J856–SD–IW–5105 | REV. : H

ELEVATION

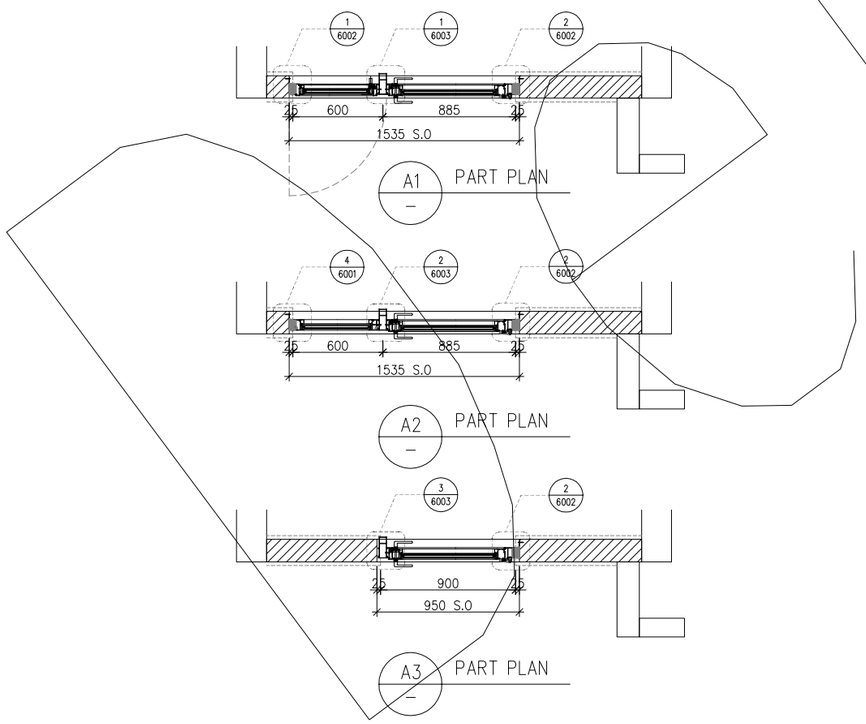




X PART SECTION



Y PART SECTION



WINDOW MARK	AW 05
LOCATION	5/F–42/F(13/F,14/F,24/F,34/F OMITTED) UNIT B5
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1,EGL–1A
QUANTITY	34 Nos
REMARKS	FACADE(TYPE T1PF11 FOR 5/F~42/F)

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	23/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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 1 IN–SITU WINDOW

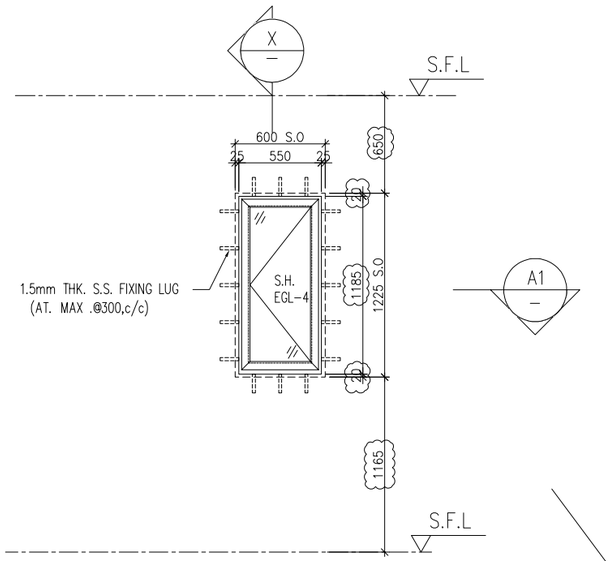
DATE : 02–Aug–21 | SCALE : 1:40

DRAWN BY : Ivan | CHECKED BY :

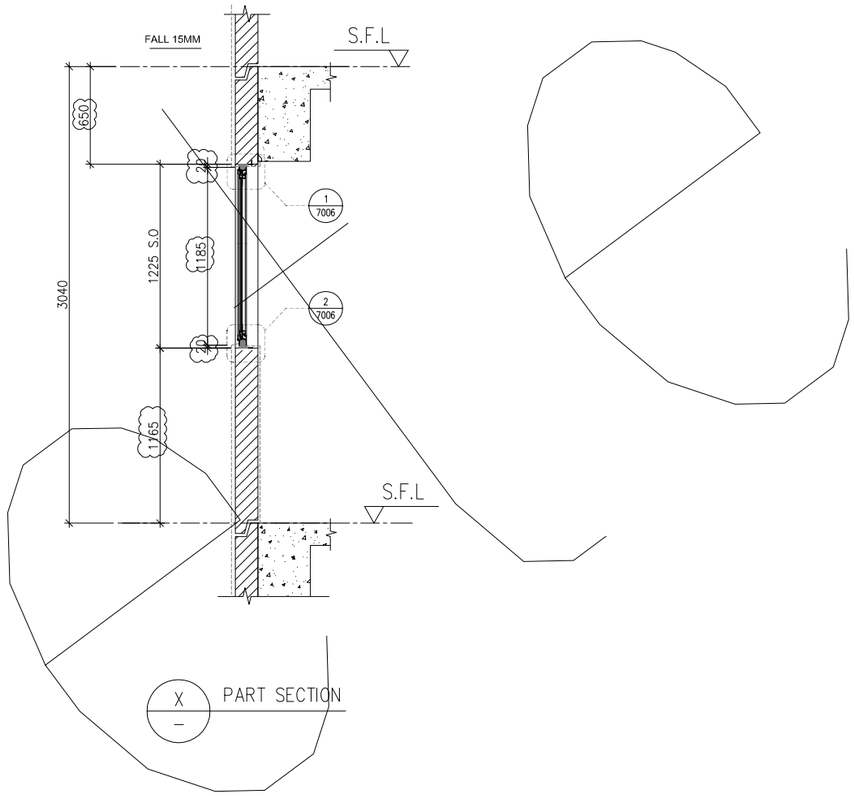
美特鋁製有限公司 MIDI ALUMINUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5106 | REV. : C

ELEVATION



A1 PART PLAN



X PART SECTION

WINDOW MARK	IW 127
LOCATION	3/F–42/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A1
SECTION	50mm ALUM. SECTION
GLAZING	EGL–4
QUANTITY	35 Nos.
REMARKS	

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 :
怡輝建築有限公司
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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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 1 IN–SITU WINDOW

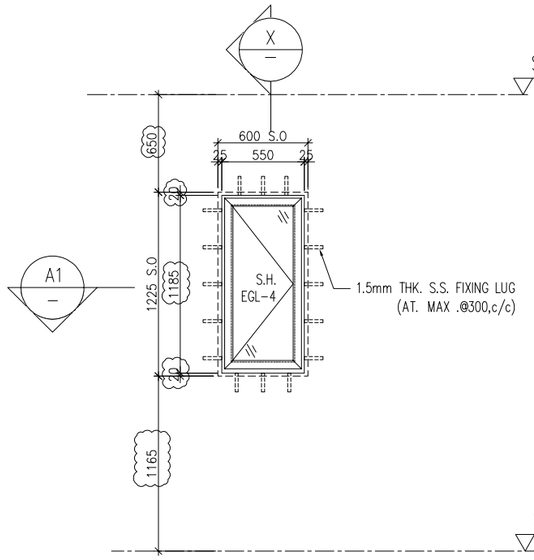
DATE : 06–Aug–21 | SCALE : 1:40

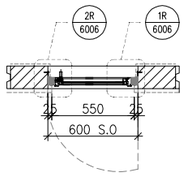
DRAWN BY : Ivan | CHECKED BY :

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

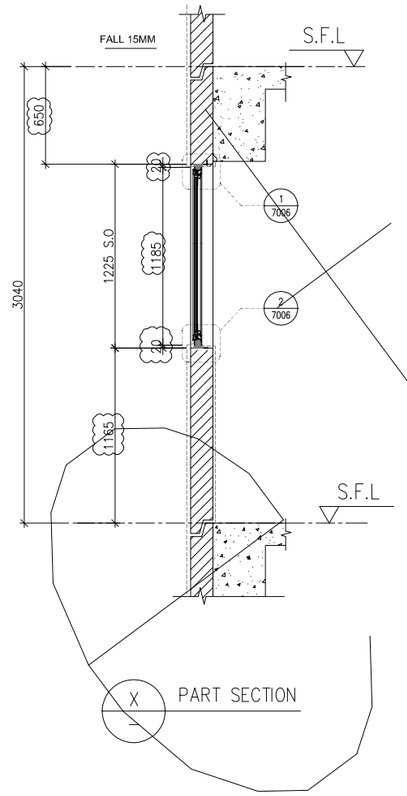
DWG NO. : J856–SD–IW–5107 | REV. : C

ELEVATION





A1 PART PLAN



X PART SECTION

WINDOW MARK	IW 128
LOCATION	3/F–42/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B1
SECTION	50mm ALUM. SECTION
GLAZING	EGL–4
QUANTITY	35 Nos.
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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 1 IN–SITU WINDOW

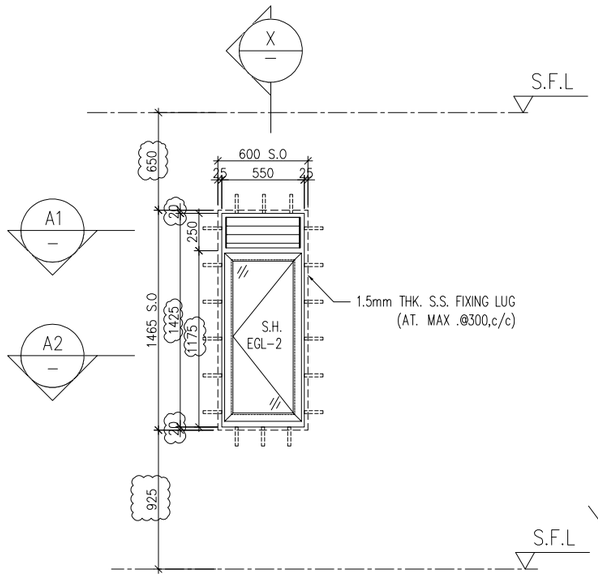
DATE : 06–Aug–21 | SCALE : 1:40

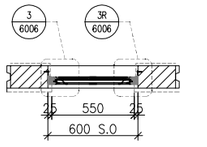
DRAWN BY : Ivan | CHECKED BY :

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

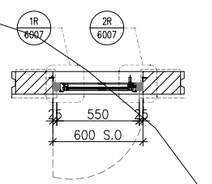
DWG NO. : J856–SD–IW–5108 | REV. : C

ELEVATION

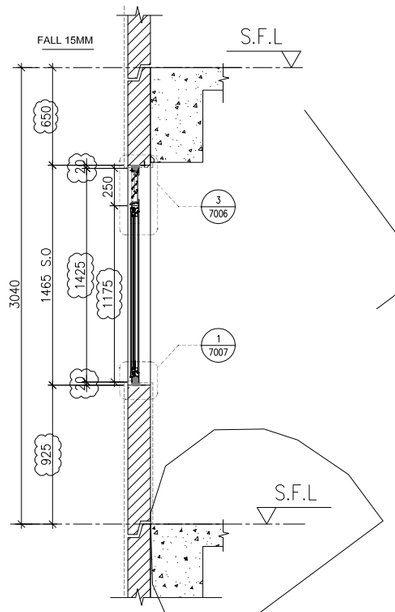




A1 PART PLAN



A2 PART PLAN



X PART SECTION

WINDOW MARK	IW 130
LOCATION	3/F–42/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A1
SECTION	50mm ALUM. SECTION
GLAZING	EGL–2
QUANTITY	35 Nos.
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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 1 IN–SITU WINDOW

DATE : 06–Aug–21 | SCALE : 1:40

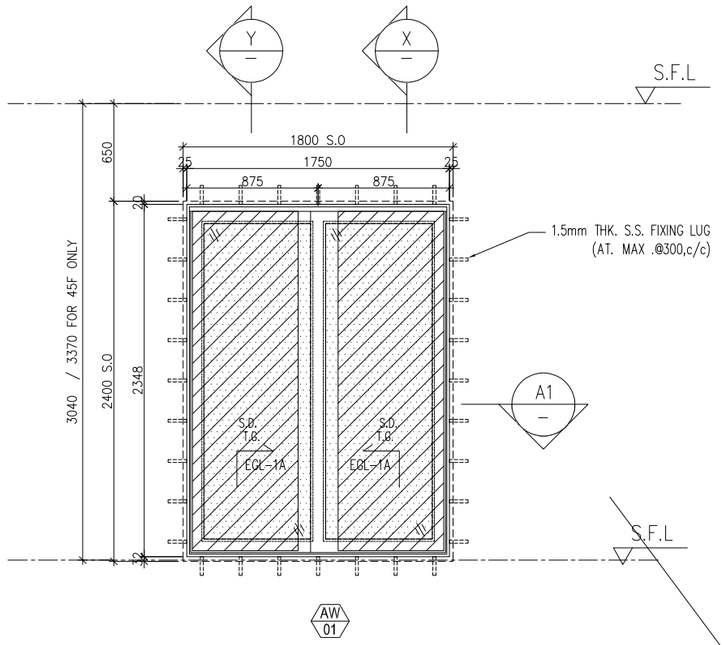
DRAWN BY : Ivan | CHECKED BY :

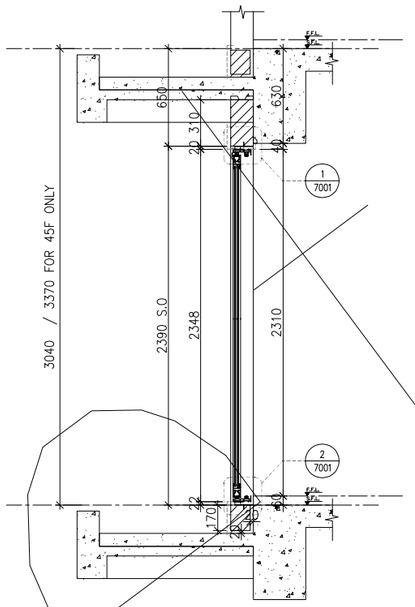
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

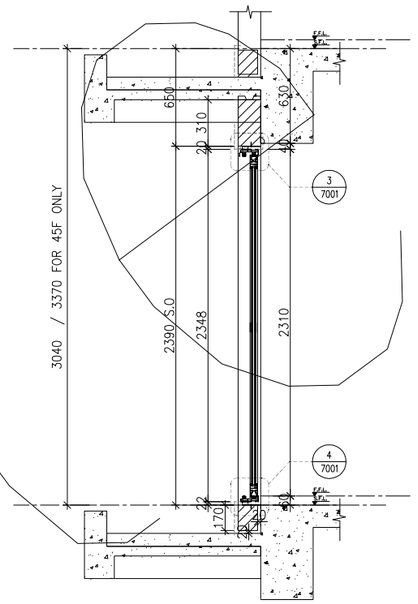
DWG NO. : J856–SD–IW–5109 | REV. : C

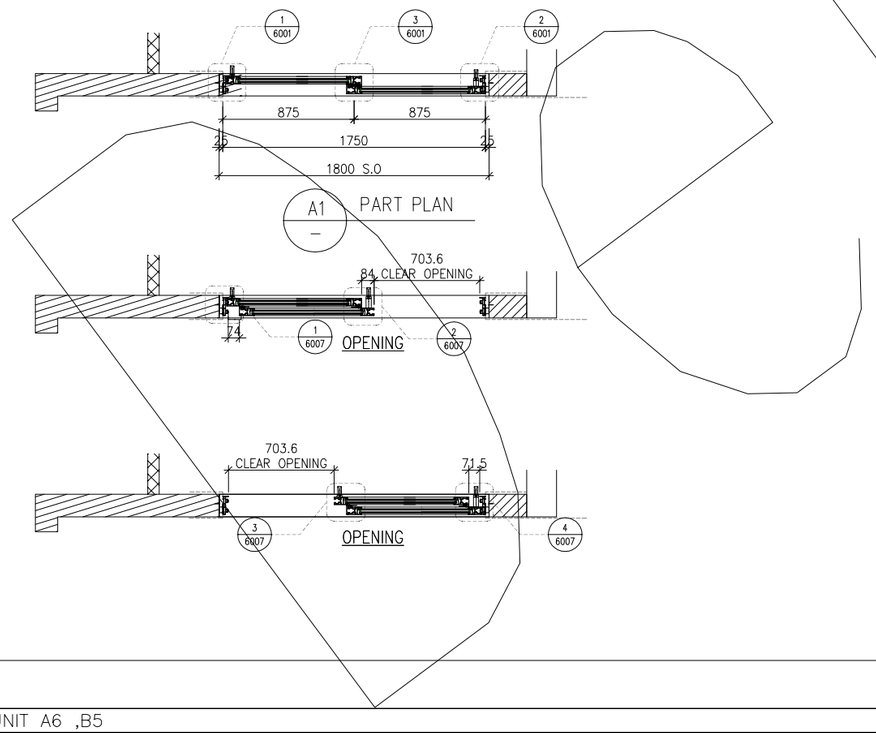
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A6-LIV	1.108	1.264	1.591	2.99
B5-LIV	0.951	1.053		

ELEVATION









WINDOW MARK	AW 01
LOCATION	3/F UNIT A6 ,B5
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	1 No. / 1 No.
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
E	03/03/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	6/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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 1 IN-SITU WINDOW

DATE : 06-Aug-21 | SCALE : 1:40

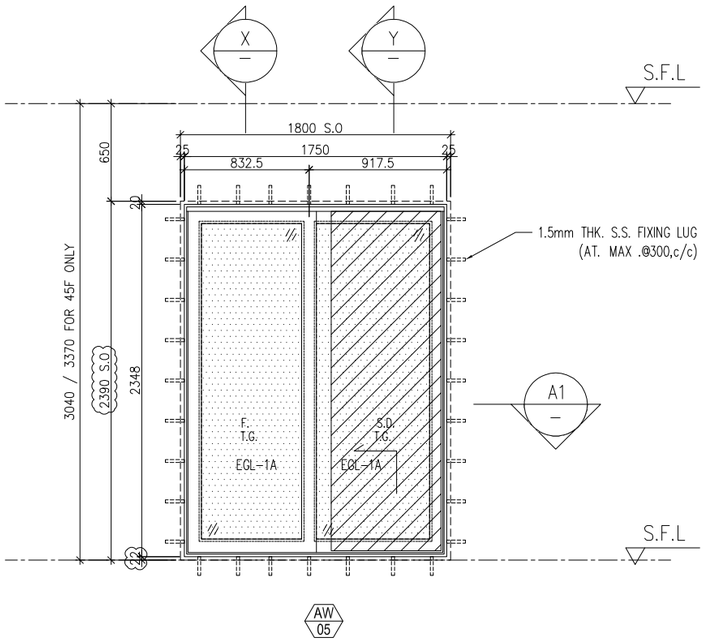
DRAWN BY : Ivan | CHECKED BY :

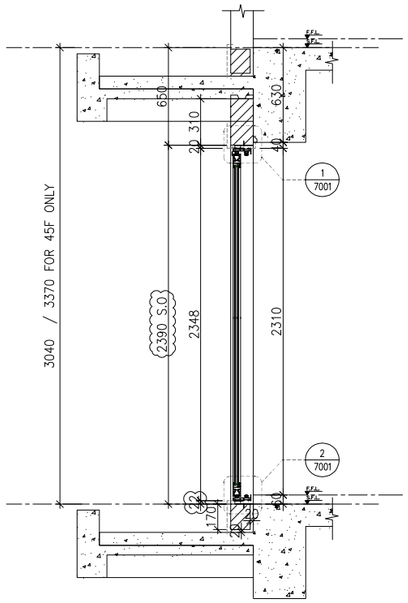
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5110 | REV. : E

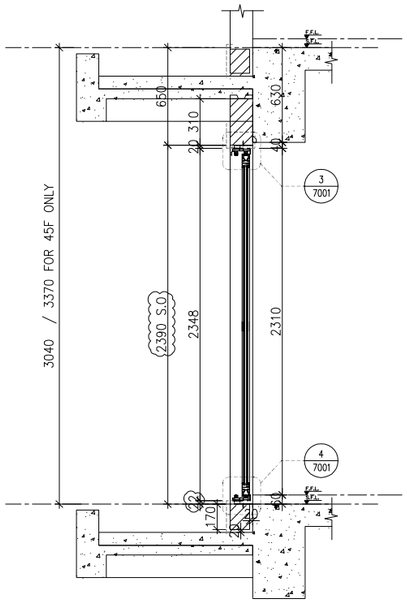
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A6-LIV	1.108	1.264	1.657	2.99

ELEVATION

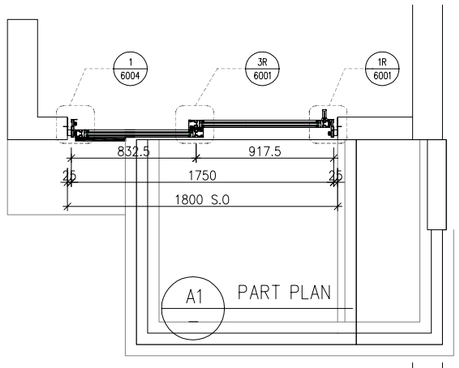


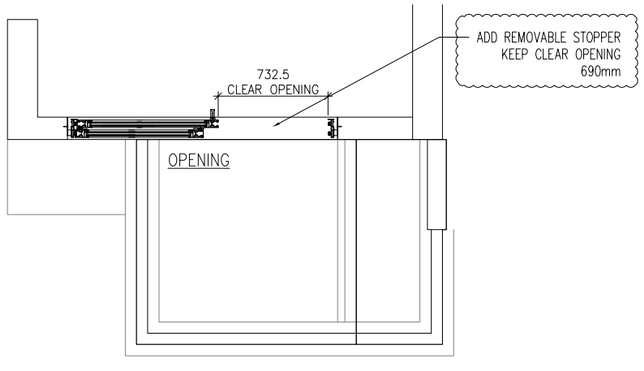


X PART SECTION



Y PART SECTION





WINDOW MARK	AW 05
LOCATION	3/F-45/F(13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A6
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	37 Nos.
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
G	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	03/03/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	28/07/2022	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 1 IN-SITU WINDOW

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

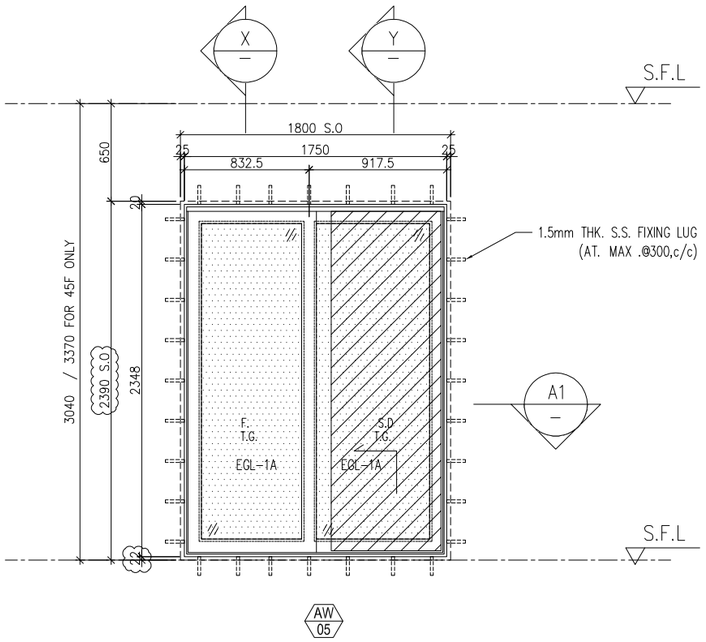
DRAWN BY : Ivan | CHECKED BY :

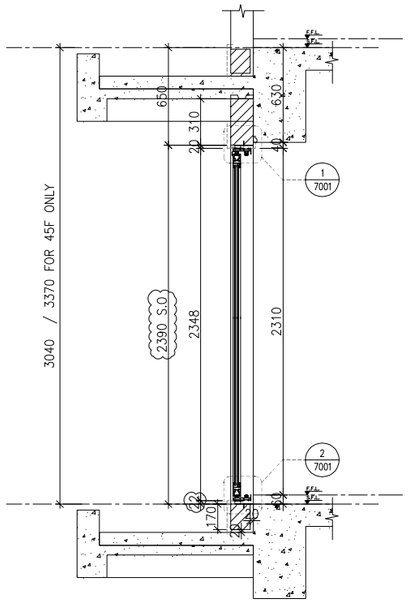
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5111 | REV. : G

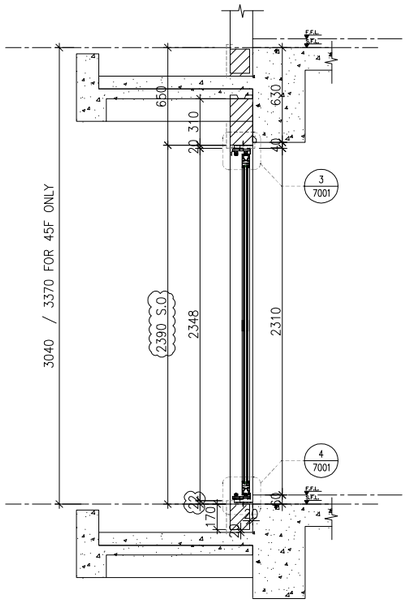
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B5-LIV	0.951	1.053	1.657	2.99

ELEVATION

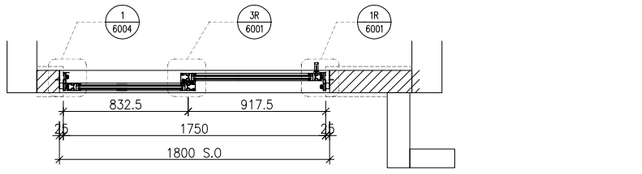




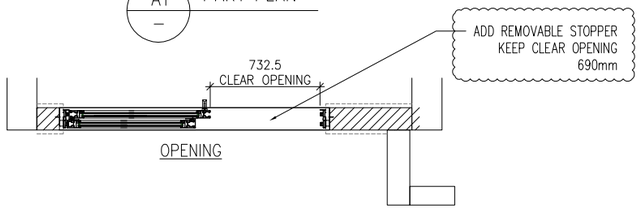
X PART SECTION



Y PART SECTION



A1 PART PLAN



WINDOW MARK	AW 05
LOCATION	3/F-45/F(13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B5
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	37 Nos.
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
G	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	03/03/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	28/07/2022	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 1 IN-SITU WINDOW

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

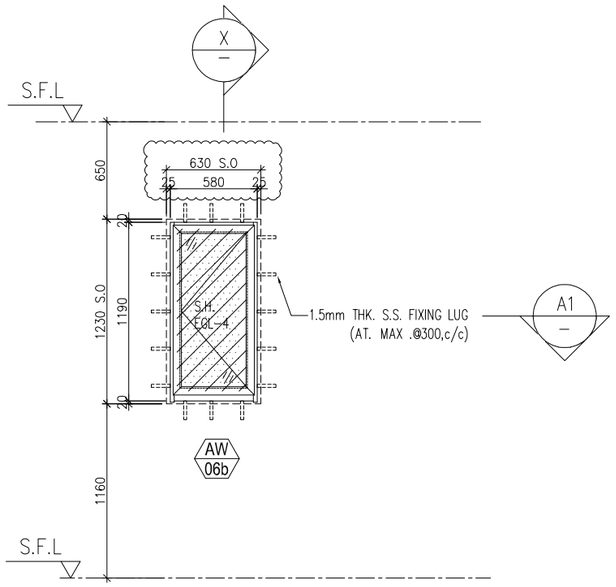
DRAWN BY : Ivan | CHECKED BY :

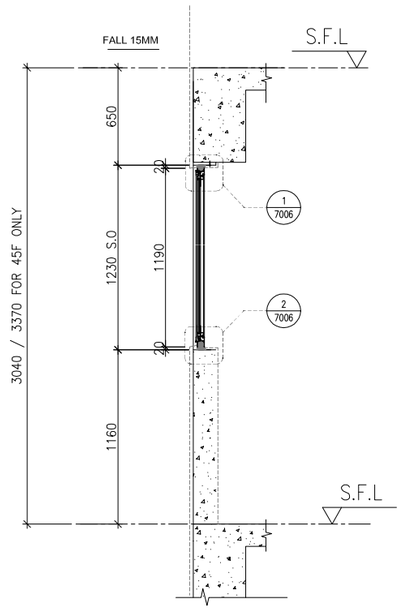
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5112 | REV. : G

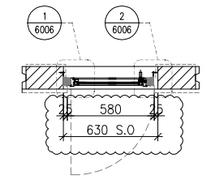
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1-M.BATH	0.318	0.318	{0.529}	{0.439}
B1-M.BATH	0.318	0.318		

ELEVATION





X PART SECTION



PART PLAN A1

WINDOW MARK	AW 06b	AW 06bR
LOCATION	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A1	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B1 ,{B8(16/F-45/F)}
SECTION	50mm ALUM. SECTION	50mm ALUM. SECTION
GLAZING	EGL-4	EGL-4
QUANTITY	37Nos	37 Nos.{27 Nos.}
REMARKS	50mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMS-N16)	

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	12/05/2023	REVISION SUBJECT TO ARCH SDS-019TH .COMMENT	Ivan
B	23/02/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	09/01/2023	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 1 IN-SITU WINDOW

DATE : 22-Jun-22 | SCALE : 1:40

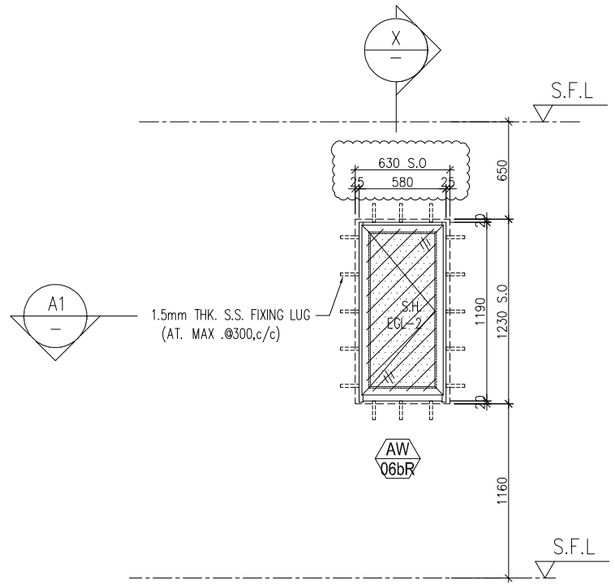
DRAWN BY : Ivan | CHECKED BY :

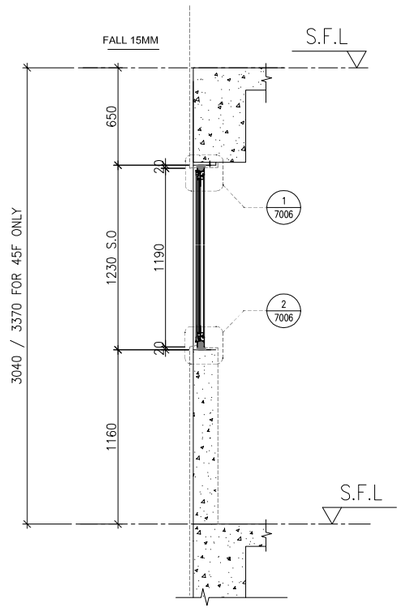
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

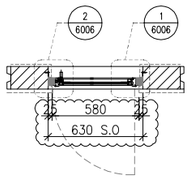
DWG NO. : J856-SD-IW-5113 | REV. : C

	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1–KIT	0.278	0.411	{0.529}	{0.439}

ELEVATION







A1 — PART PLAN

X — PART SECTION

WINDOW MARK	AW Q6bR
LOCATION	3/F–45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A1
SECTION	50mm ALUM. SECTION
GLAZING	EGL–2
QUANTITY	37 Nos
REMARKS	50mm ALUM. WINDOW SECTION , 4 BAR HINGE–LIP HING (HHMS–N16)

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
A	26/04/2023	REVISION SUBJECT TO ARCH SDS–01911 .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 1 IN–SITU WINDOW

DATE : 22–Jun–22 | SCALE : 1:40

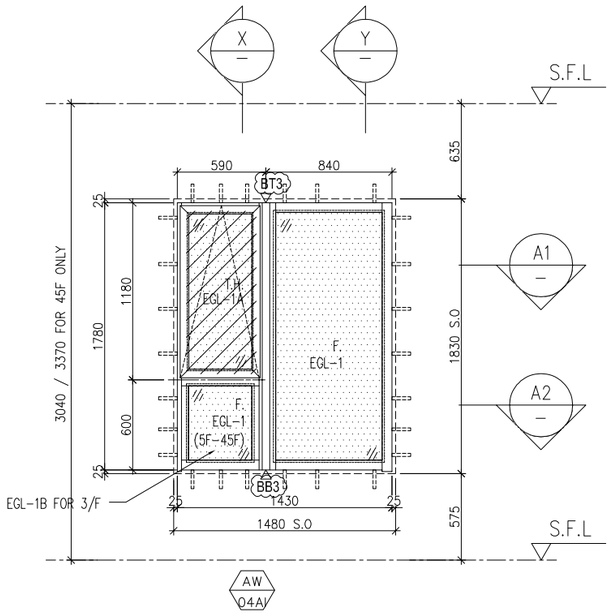
DRAWN BY : Ivan | CHECKED BY :

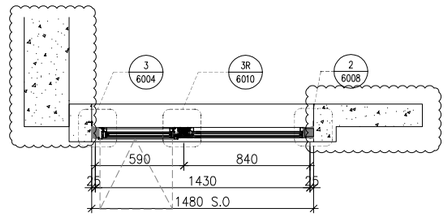
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5113A | REV. : A

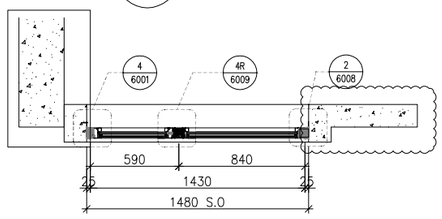
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B5-MBR	0.295	0.472	0.525	1.815

ELEVATION

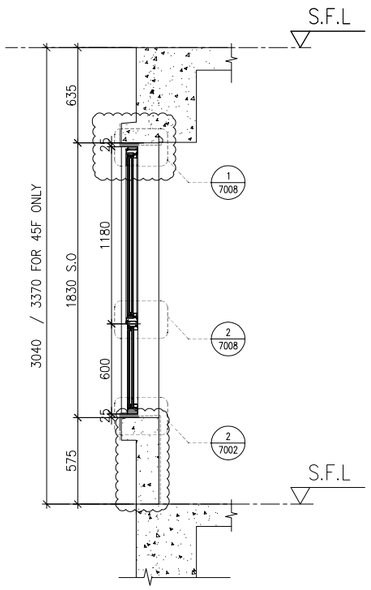




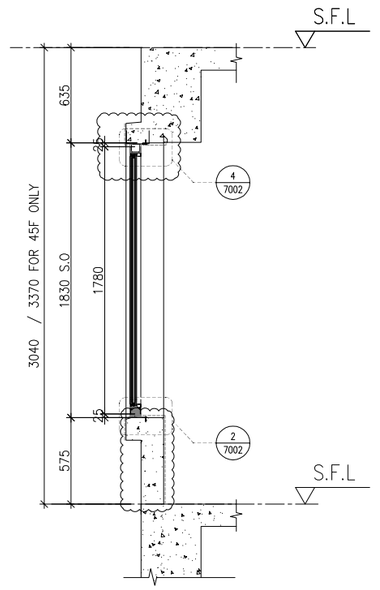
A1 PART PLAN



A2 PART PLAN



X PART SECTION



Y PART SECTION

WINDOW MARK	AW 04aj
LOCATION	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B5
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1 / EGL-1A
QUANTITY	37 Nos
REMARKS	70mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMT-14)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	27/02/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	16/01/2023	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 1 IN-SITU WINDOW

DATE : 22-Jun-22 | SCALE : 1:40

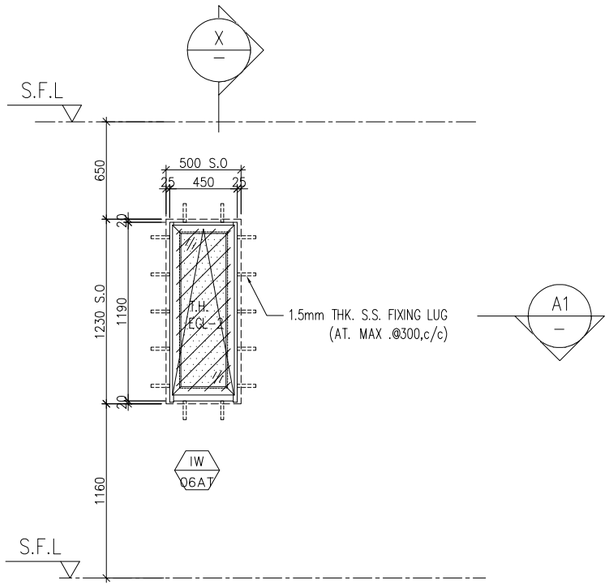
DRAWN BY : Ivan | CHECKED BY :

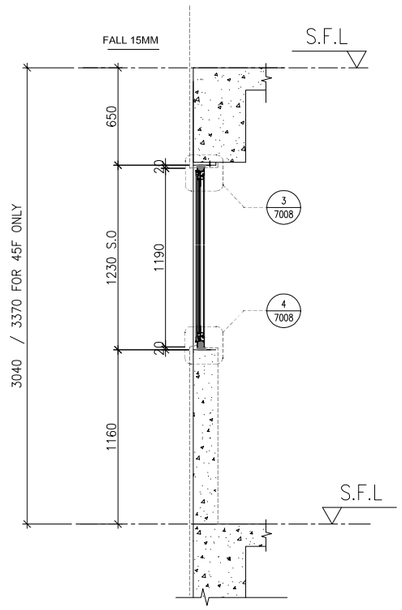
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5114 | REV. : C

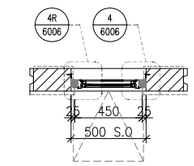
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A5-ST RM	N/A	N/A	0.389	0.306

ELEVATION





X PART SECTION



PART PLAN A1

WINDOW MARK	AW Q6aT
LOCATION	3/F-(45/F)(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A5
SECTION	50mm ALUM. SECTION
GLAZING	EGL-2
QUANTITY	(37 Nos)
REMARKS	50mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMT-14)

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA
OPENABLE AREA

BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
A	09/01/2023	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 1 IN-SITU WINDOW

DATE : 22-Jun-22 | SCALE : 1:40

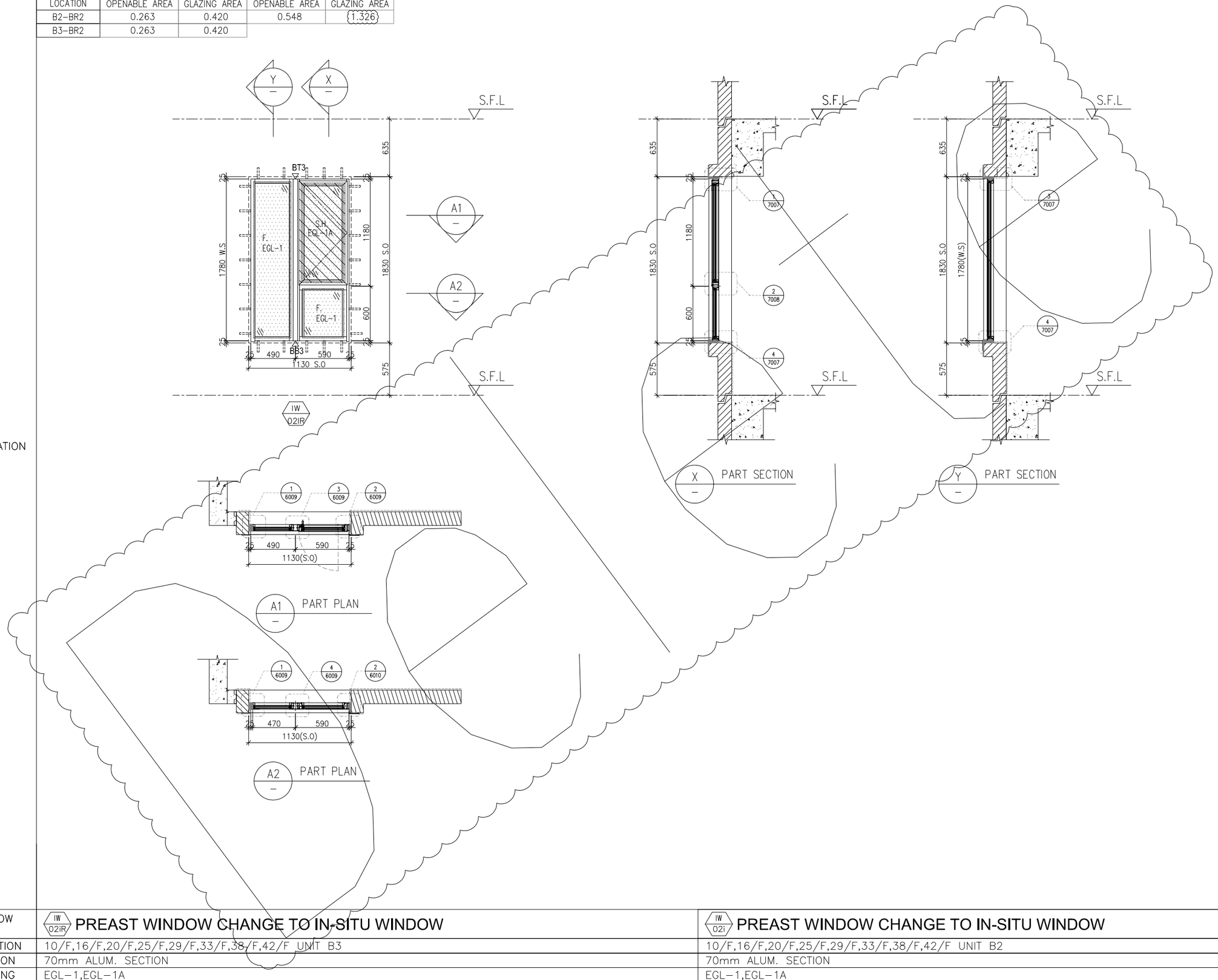
DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-5115 | REV. : A

	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B2–BR2	0.263	0.420	0.548	1.326
B3–BR2	0.263	0.420		

ELEVATION



WINDOW MARK	IW 02iR PREAST WINDOW CHANGE TO IN-SITU WINDOW	IW 02i PREAST WINDOW CHANGE TO IN-SITU WINDOW
LOCATION	10/F,16/F,20/F,25/F,29/F,33/F,38/F,42/F UNIT B3	10/F,16/F,20/F,25/F,29/F,33/F,38/F,42/F UNIT B2
SECTION	70mm ALUM. SECTION	70mm ALUM. SECTION
GLAZING	EGL–1,EGL–1A	EGL–1,EGL–1A
QUANTITY	8 Nos	8 Nos
REMARKS	70mm ALUM. WINDOW SECTION , 4 BAR HINGE–LIP HING (HHMS–N16)	70mm ALUM. WINDOW SECTION , 4 BAR HINGE–LIP HING (HHMS–N16)

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 :
怡輝建築有限公司 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
A	23/03/2023	REVISION SUBJECT TO SITE MEMO–1324	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 1 IN–SITU WINDOW

DATE : 02–Aug–21 | SCALE : 1:40

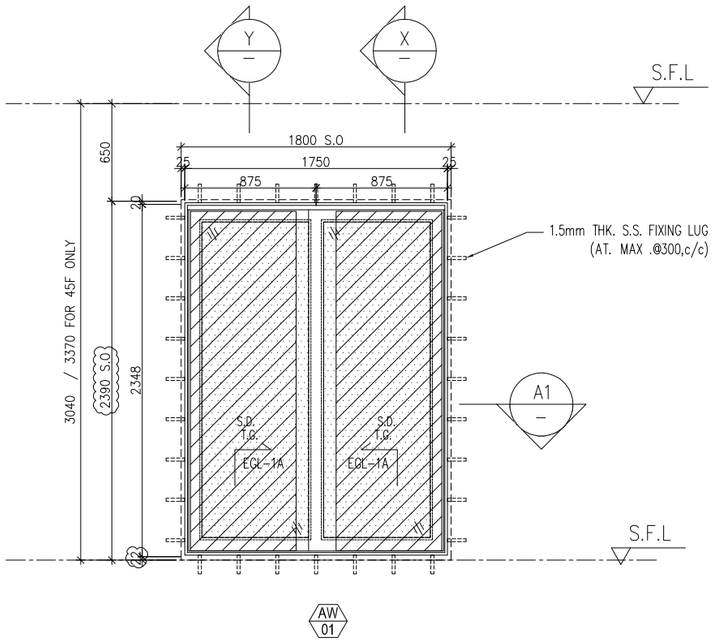
DRAWN BY : Ivan | CHECKED BY :

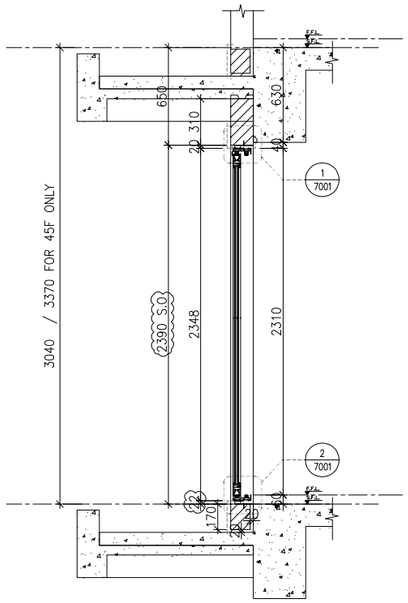
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5116 | REV. : A

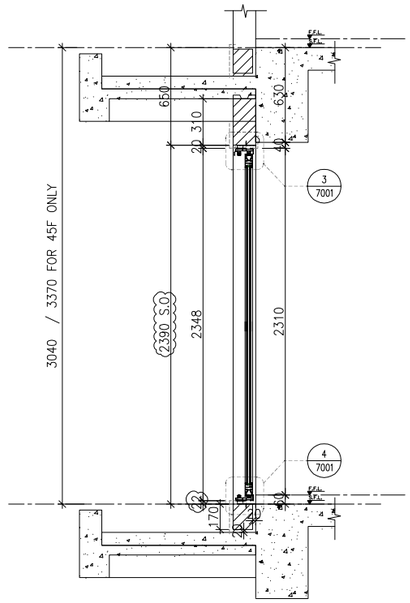
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1–LIV	1.447	1.682	(1.591)	(2.99)

ELEVATION

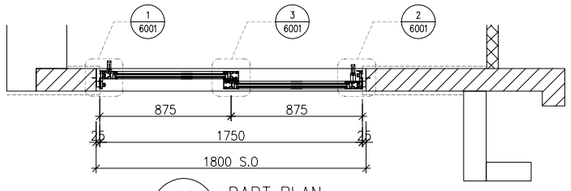




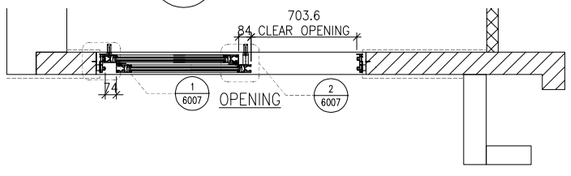
X PART SECTION

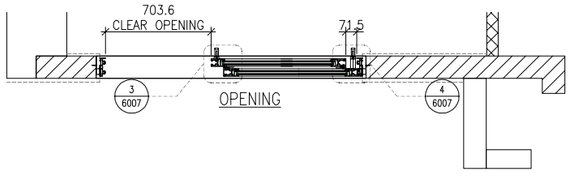


Y PART SECTION



A1 PART PLAN





WINDOW MARK	AW 01
LOCATION	3/F–(45/F)(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A1
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1A
QUANTITY	(37 Nos.)
REMARKS	FACADE(TYPE T2PF01 FOR 3/F~45/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
G	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	22/06/2022	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

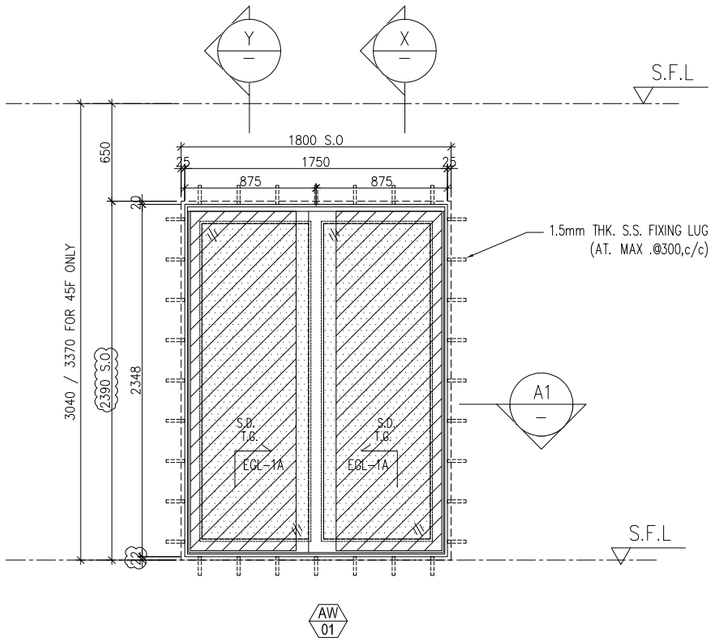
DRAWN BY : Ivan | CHECKED BY :

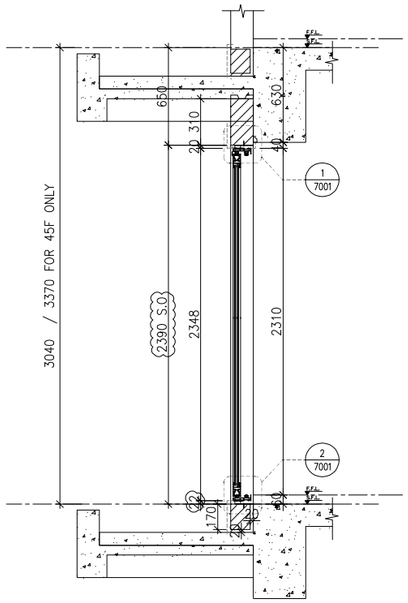
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5201 | REV. : G

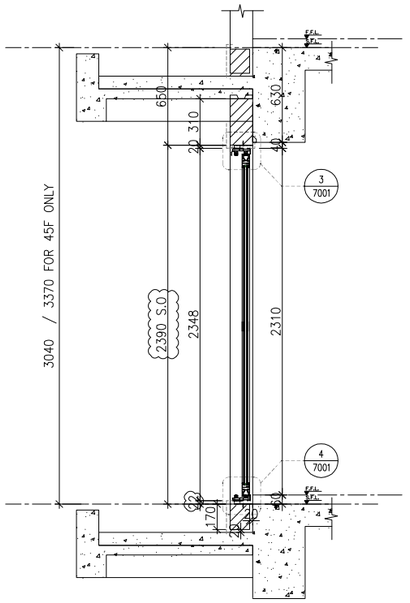
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A2-LIV	1.272	1.527	1.591	2.99
A5-LIV	1.198	1.409		
B3-LIV	1.048	1.486		

ELEVATION

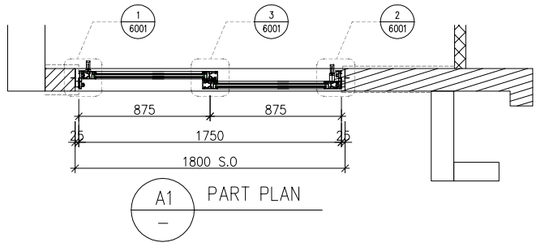




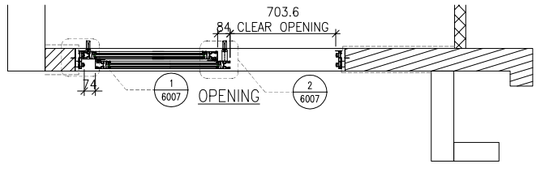
X PART SECTION

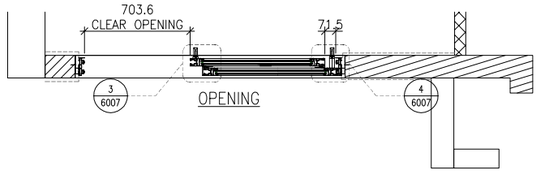


Y PART SECTION



A1 PART PLAN





WINDOW MARK	AW 01
LOCATION	3/F~45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A2 , A5 , B3
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	37 Nos./37 Nos./37 Nos.
REMARKS	FACADE(TYPE T2PF02 FOR 3/F~45/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
G	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	22/06/2022	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

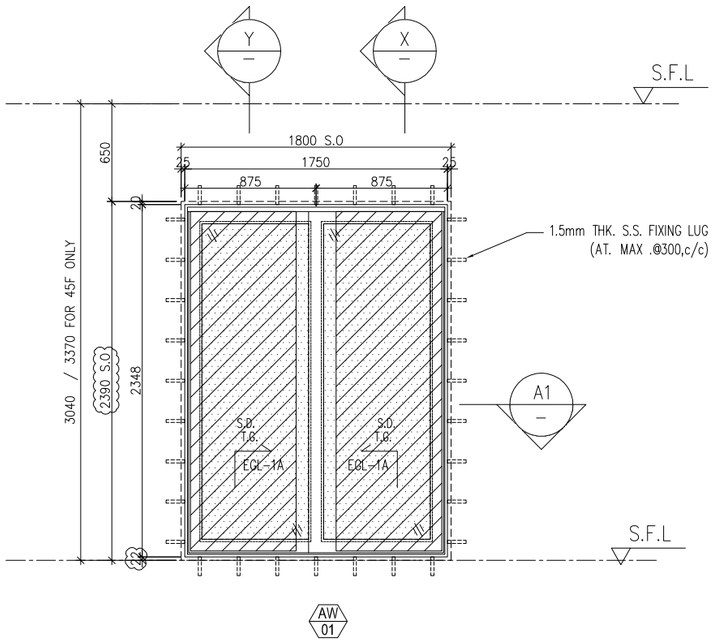
DRAWN BY : Ivan | CHECKED BY :

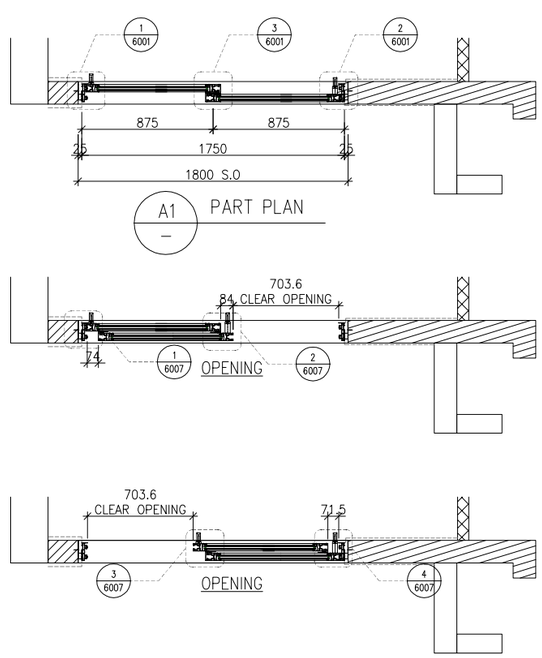
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

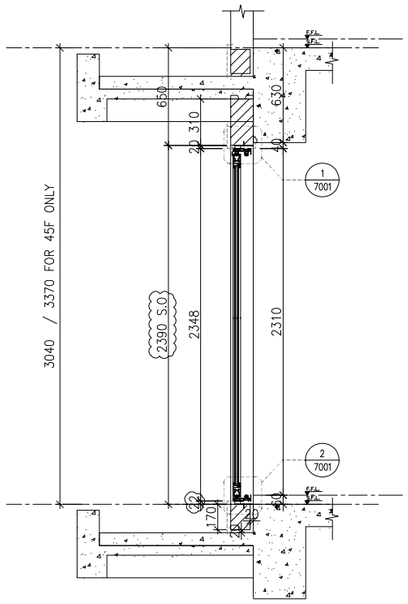
DWG NO. : J856-SD-IW-5202 | REV. : G

	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A3-LIV	1.202	1.416	1.591	(2.99)
A7-LIV	1.155	1.339		
B2-LIV	1.240	1.475		
B6-LIV	1.196	1.405		
B7-LIV	1.196	1.405		

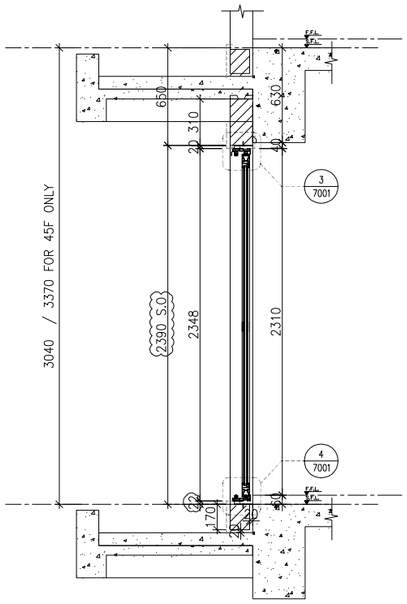
ELEVATION







X PART SECTION



Y PART SECTION

WINDOW MARK	AW 01
LOCATION	3/F-(45/F)(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B7 , B2 , A3 , A7 , B6
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	(37 Nos./37 Nos./37 Nos./37 Nos./37 Nos.)
REMARKS	FACADE(TYPE T2PF04 FOR 3/F~45/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
G	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	22/06/2022	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

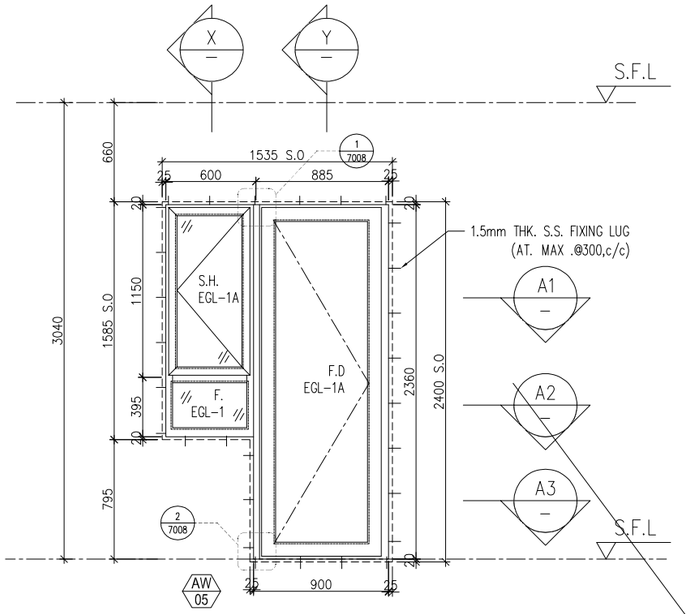
DATE : 02-Aug-21 | SCALE : 1:40

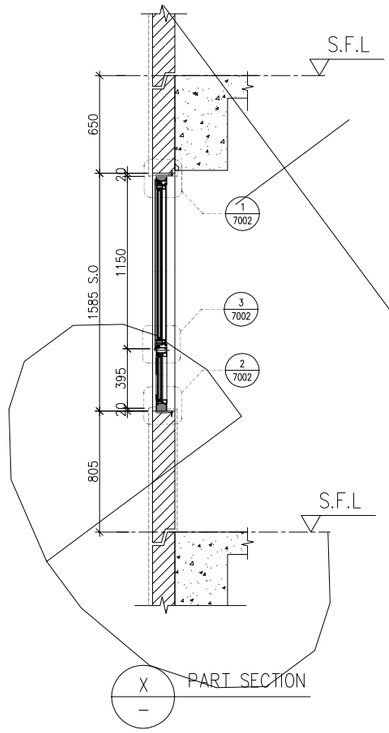
DRAWN BY : Ivan | CHECKED BY :

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

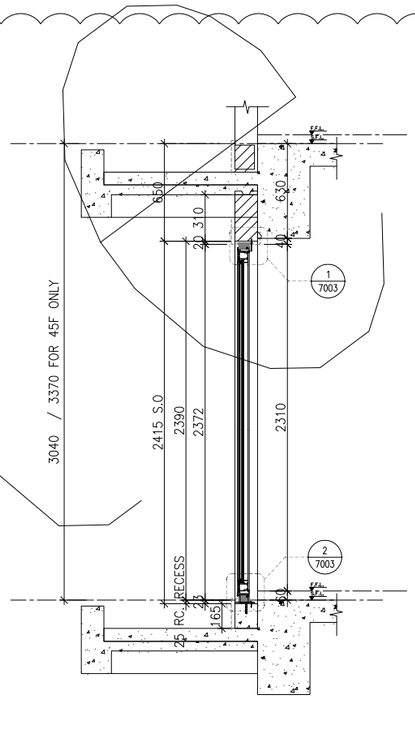
DWG NO. : J856-SD-IW-5203 | REV. : G

ELEVATION

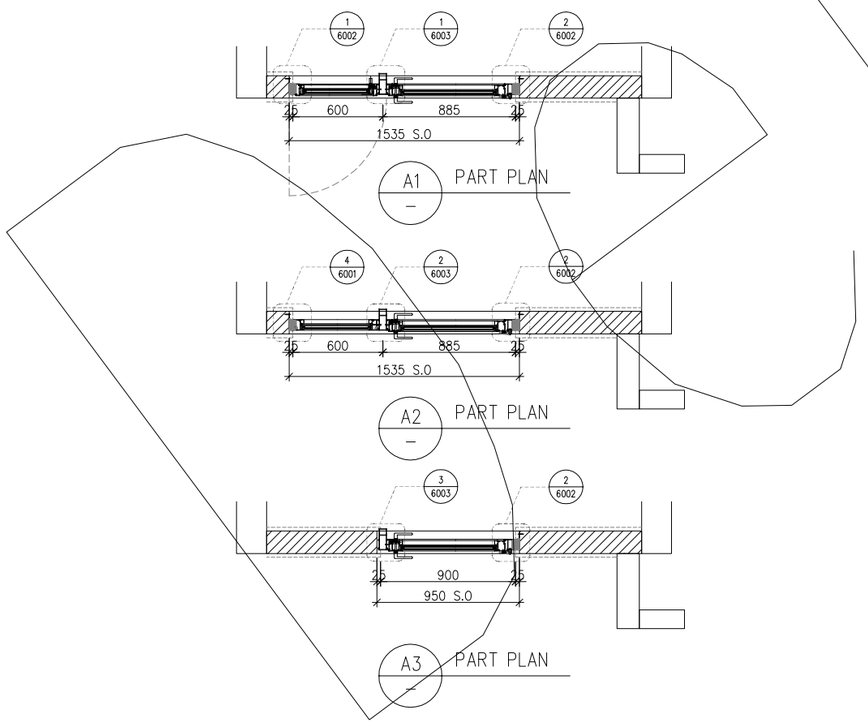




X PART SECTION



Y PART SECTION



WINDOW MARK	AW 05
LOCATION	5/F–45/F(13/F,14/F,24/F,34/F OMITTED) UNIT A6
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1A
QUANTITY	36 Nos
REMARKS	FACADE(TYPE T2PF07 FOR 5/F~42/F)

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	23/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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

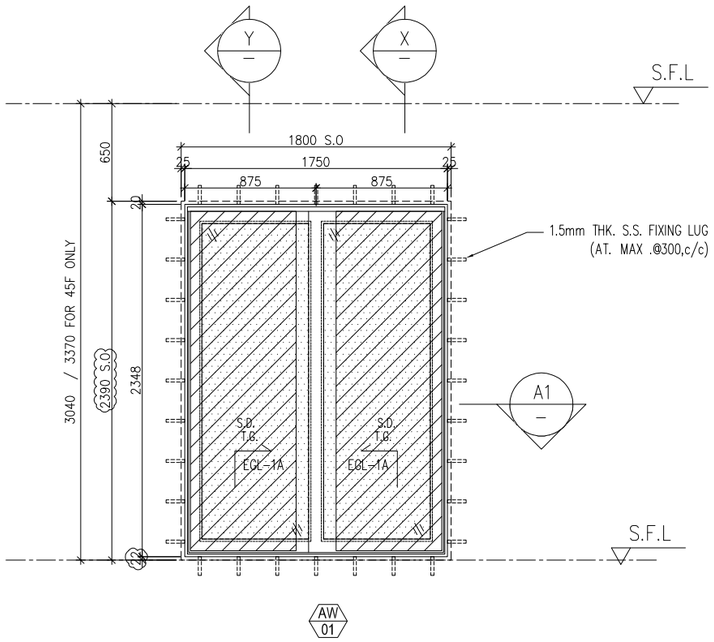
DRAWN BY : Ivan | CHECKED BY :

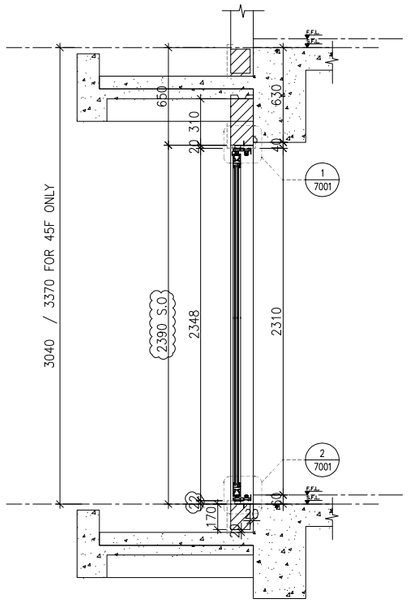
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5204 | REV. : C

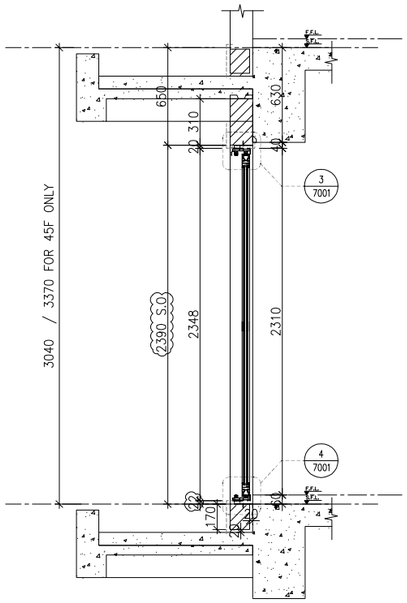
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A8-LIV	1.240	1.475	1.591	2.99
B1-LIV	1.141	1.775		
B8-LIV	1.638 NOT ENOUGH	1.787		

ELEVATION

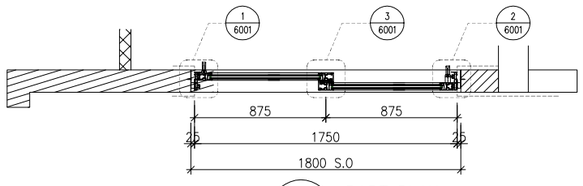




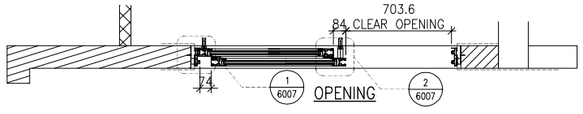
X PART SECTION

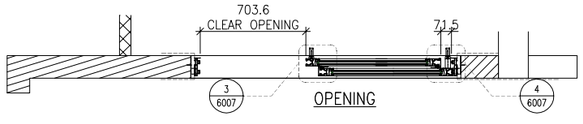


Y PART SECTION



A1 PART PLAN





WINDOW MARK	AW 01
LOCATION	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B8 , A8 , B1
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	37 Nos/ 37 Nos./ 37 Nos.
REMARKS	FACADE(TYPE T2PF08 FOR 3/F~45/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
G	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	22/06/2022	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

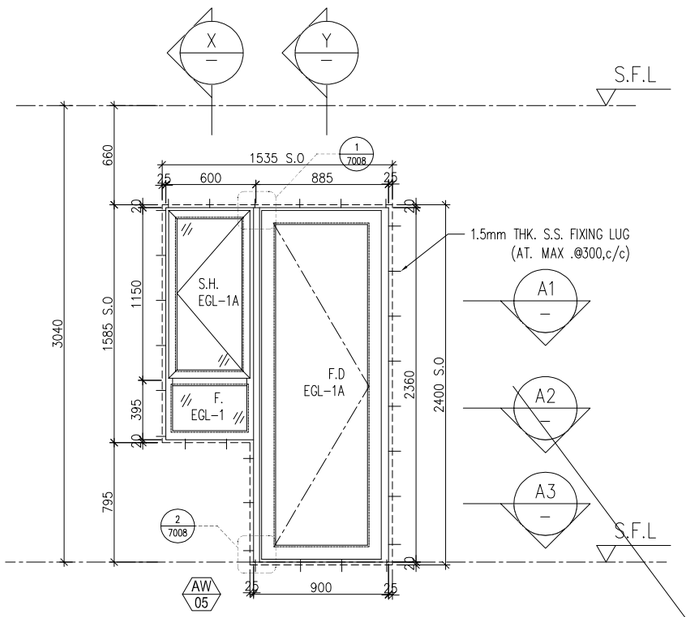
DATE : 02-Aug-21 | SCALE : 1:40

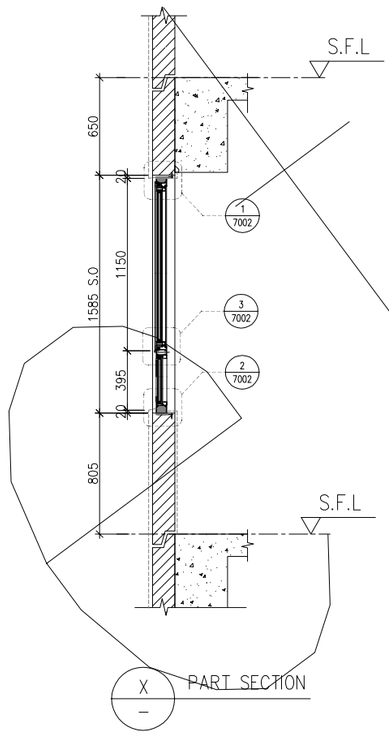
DRAWN BY : Ivan | CHECKED BY :

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

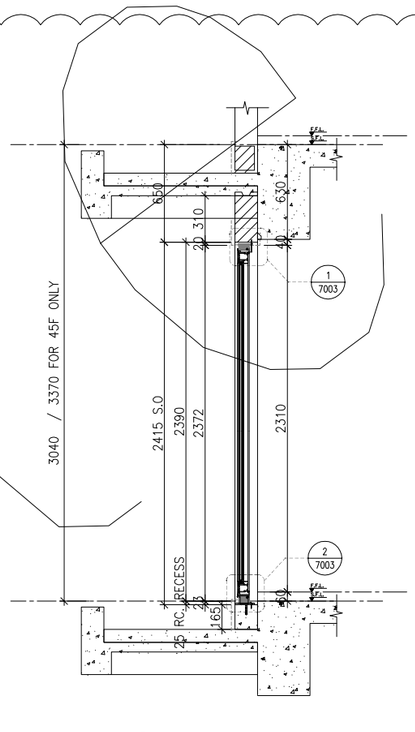
DWG NO. : J856-SD-IW-5205 | REV. : G

ELEVATION

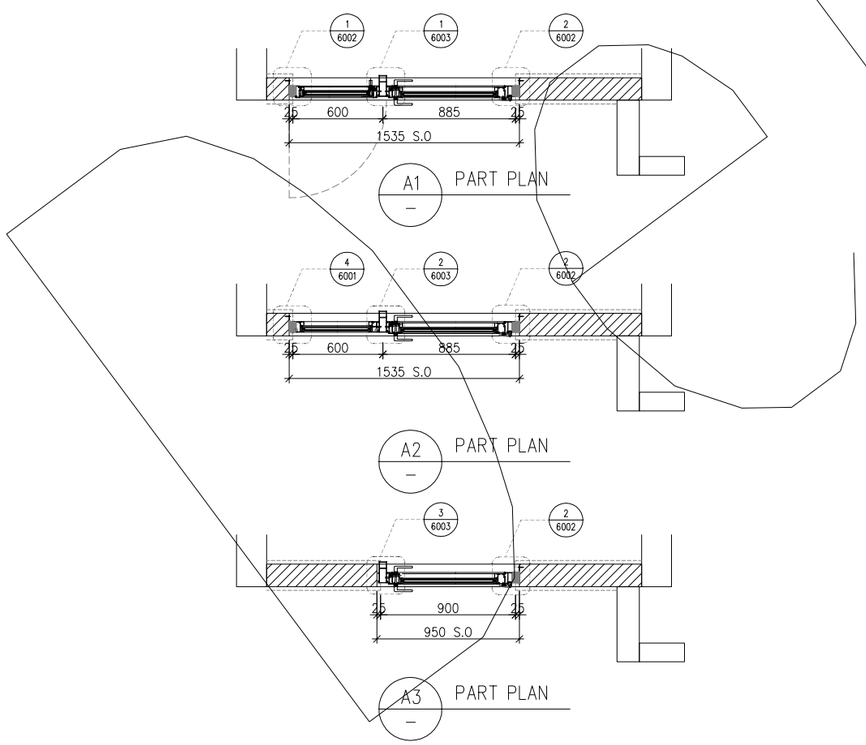




X PART SECTION



Y PART SECTION



WINDOW MARK	AW 05
LOCATION	5/F–42/F(13/F,14/F,24/F,34/F OMITTED) UNIT B5
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1,EGL–1A
QUANTITY	34 Nos
REMARKS	FACADE(TYPE T2PF11 FOR 5/F~42/F)

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 :
怡輝建築有限公司 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	23/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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

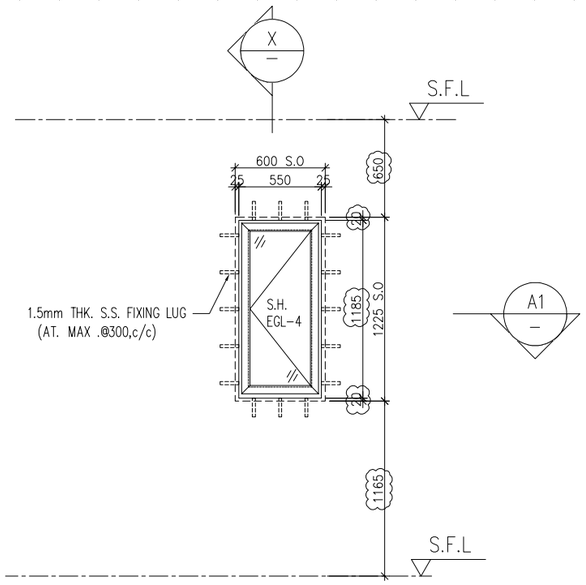
DATE : 02–Aug–21 | SCALE : 1:40

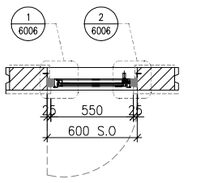
DRAWN BY : Ivan | CHECKED BY :

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

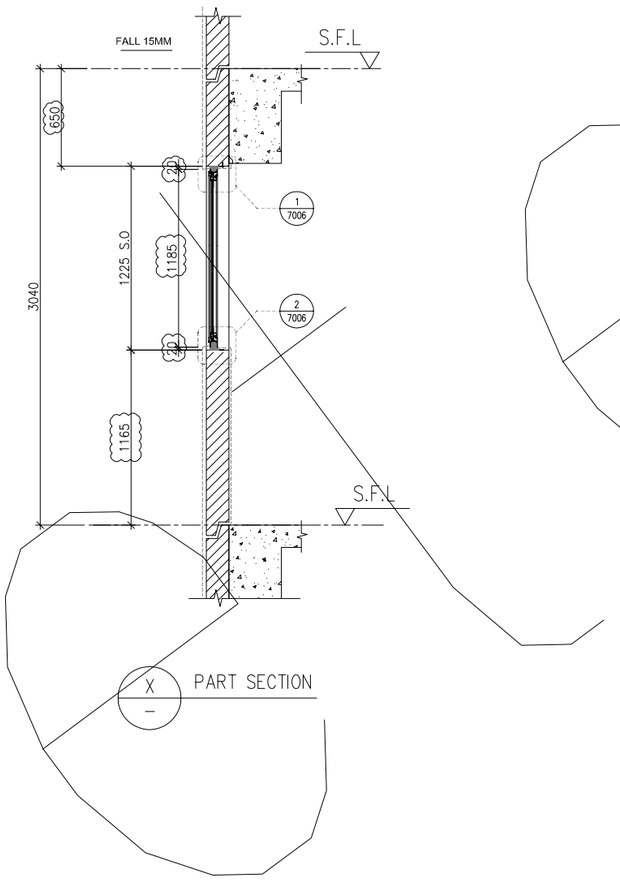
DWG NO. : J856–SD–IW–5206 | REV. : C

ELEVATION





A1 PART PLAN



X PART SECTION

WINDOW MARK	IW 226
LOCATION	3/F-42/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B1
SECTION	50mm ALUM. SECTION
GLAZING	EGL-4
QUANTITY	35 Nos.
REMARKS	

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 :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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

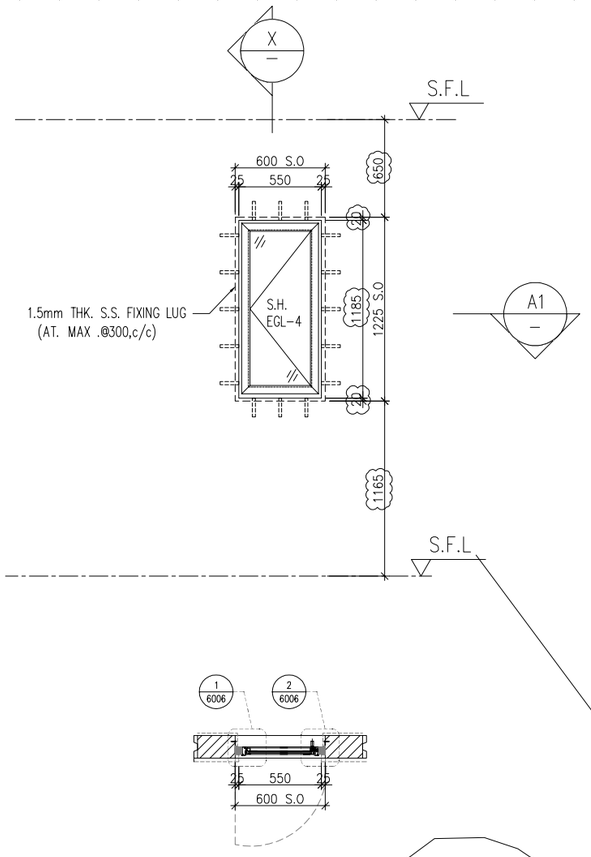
DATE : 06-Aug-21 | SCALE : 1:40

DRAWN BY : Ivan | CHECKED BY :

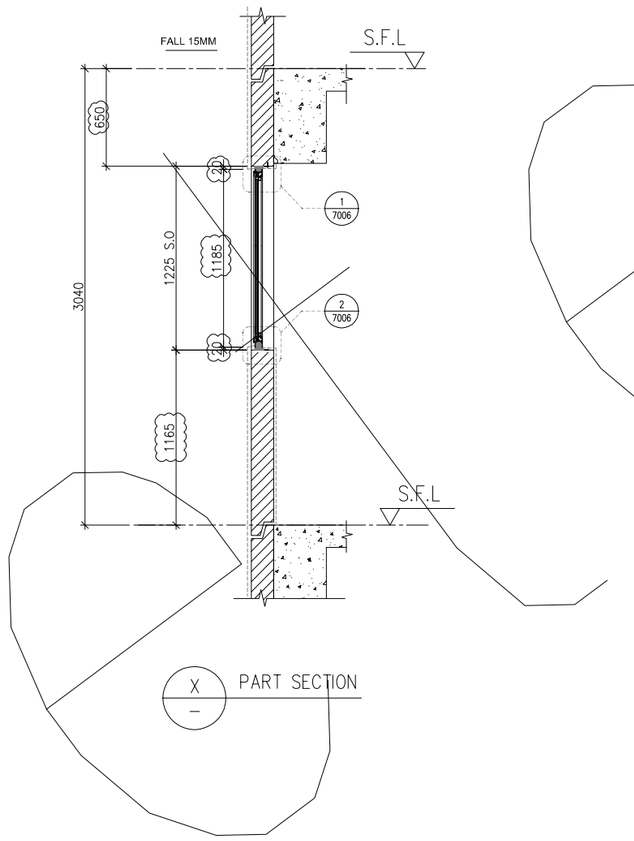
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5207 | REV. : C

ELEVATION



A1 PART PLAN



X PART SECTION

WINDOW MARK	IW 227
LOCATION	3/F-42/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A8
SECTION	50mm ALUM. SECTION
GLAZING	EGL-4
QUANTITY	35 Nos.
REMARKS	

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 :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

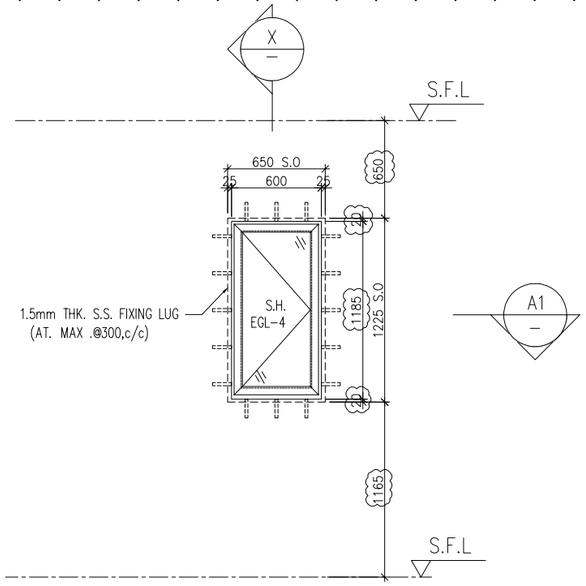
TITLE :
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW

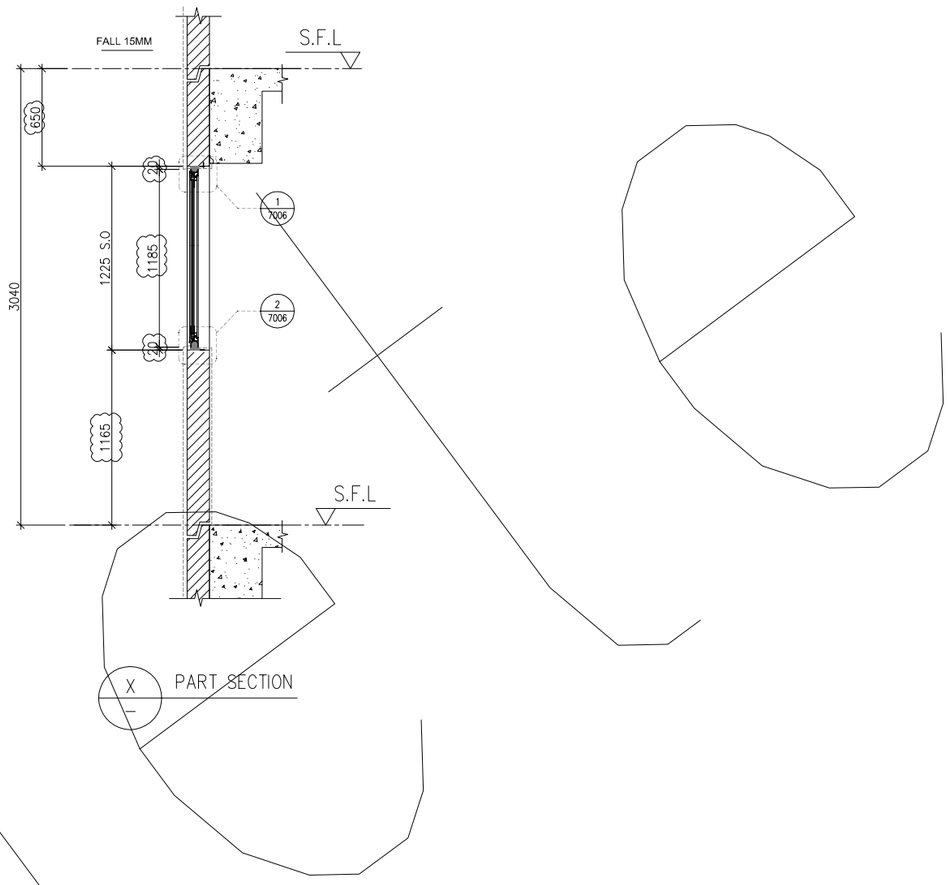
DATE : 06-Aug-21 | SCALE : 1:40

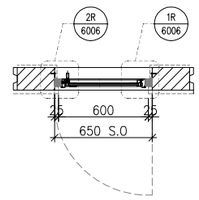
DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-5208 | REV. : C







A1 PART PLAN

ELEVATION

WINDOW MARK	IW 228
LOCATION	3/F-42/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A1
SECTION	50mm ALUM. SECTION
GLAZING	EGL-4
QUANTITY	35 Nos.
REMARKS	

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 :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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

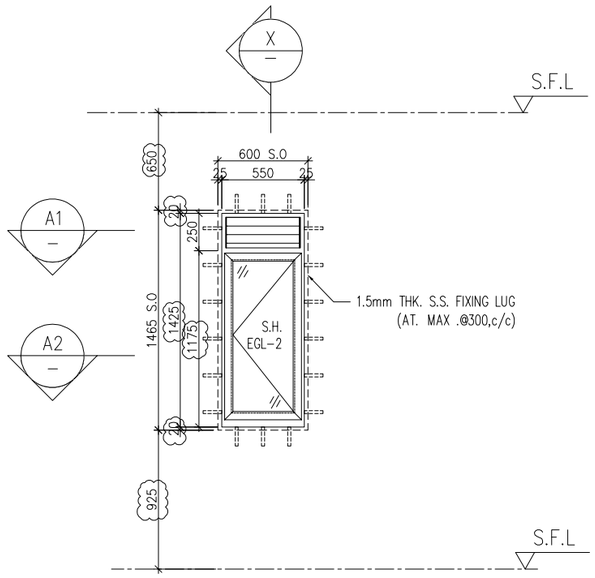
DATE : 06-Aug-21 | SCALE : 1:40

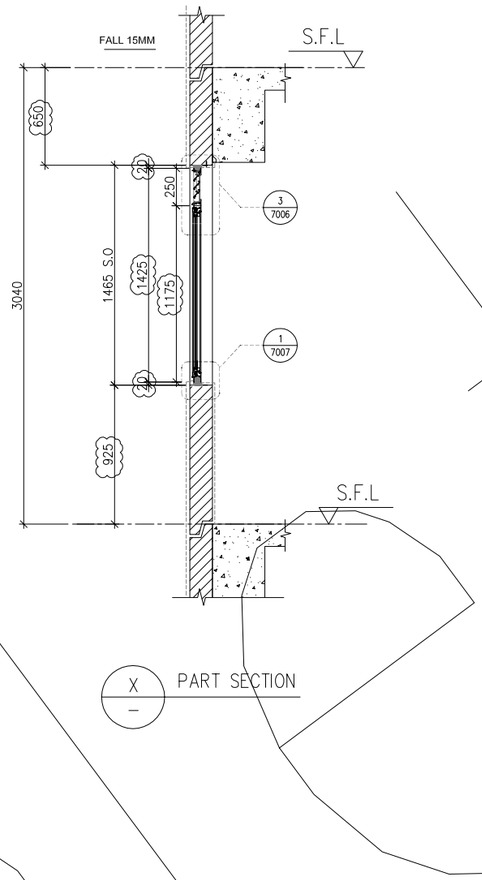
DRAWN BY : Ivan | CHECKED BY :

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

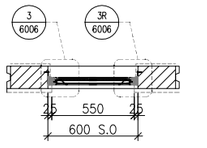
DWG NO. : J856-SD-IW-5209 | REV. : C

ELEVATION

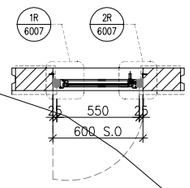




X — PART SECTION



A1 — PART PLAN



A2 — PART PLAN

WINDOW MARK	IW 229
LOCATION	3/F–42/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A1
SECTION	50mm ALUM. SECTION
GLAZING	EGL–2
QUANTITY	35 Nos.
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
B	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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

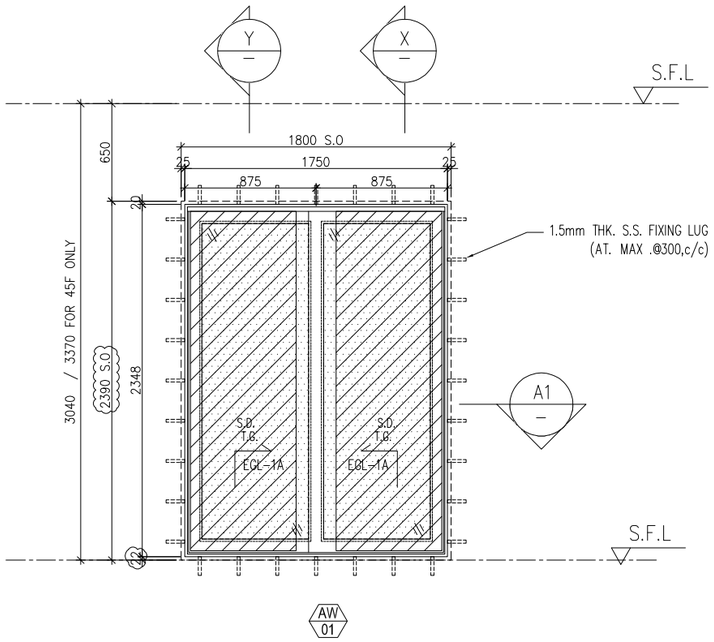
DATE : 06-Aug-21 | SCALE : 1:40
DRAWN BY : Ivan | CHECKED BY :

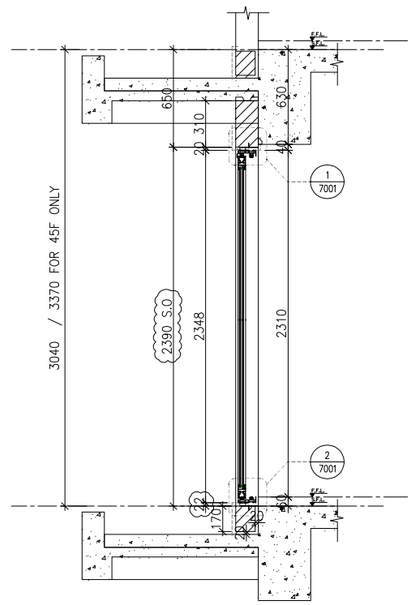
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

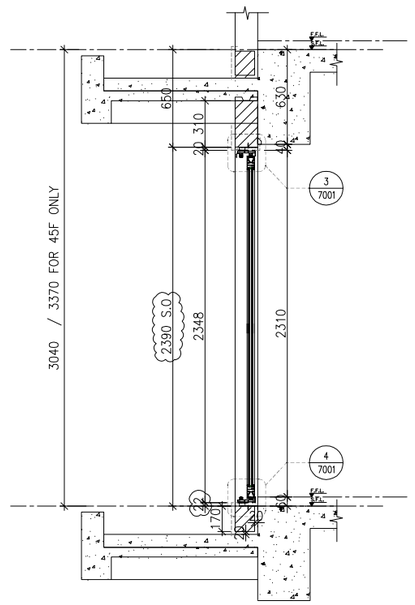
DWG NO. : J856-SD-IW-5210 | REV. : B

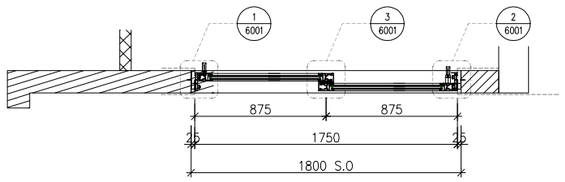
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A6-LIV	1.108	1.264	1.591	2.99
B5-LIV	0.951	1.053		

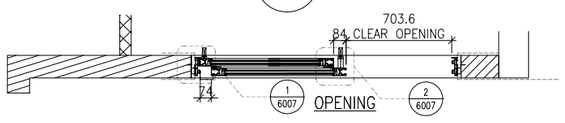
ELEVATION

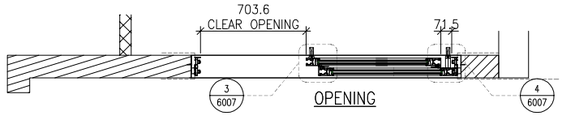












WINDOW MARK	AW 01
LOCATION	3/F UNIT A6 , B5
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	1 No. / 1 No.
REMARKS	FACADE(TYPE T2PF07/T2PF11 FOR 3/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
E	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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 : 06-Aug-21 | SCALE : 1:40

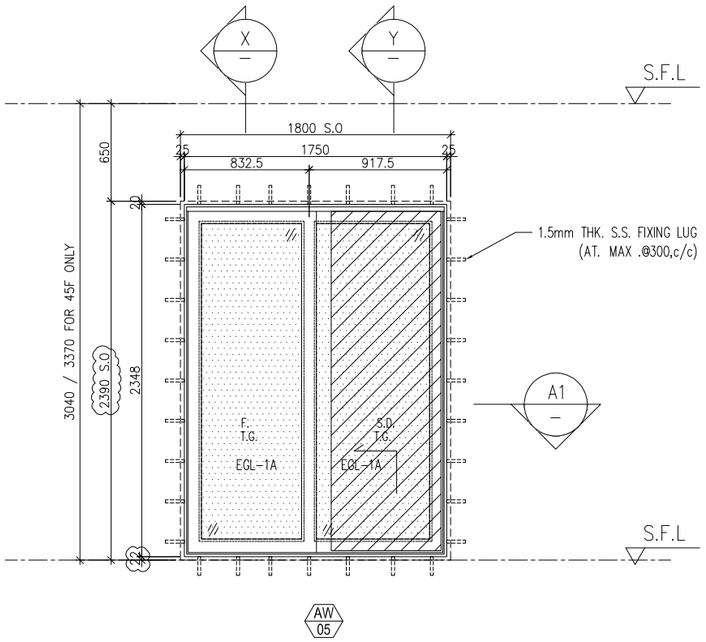
DRAWN BY : Ivan | CHECKED BY :

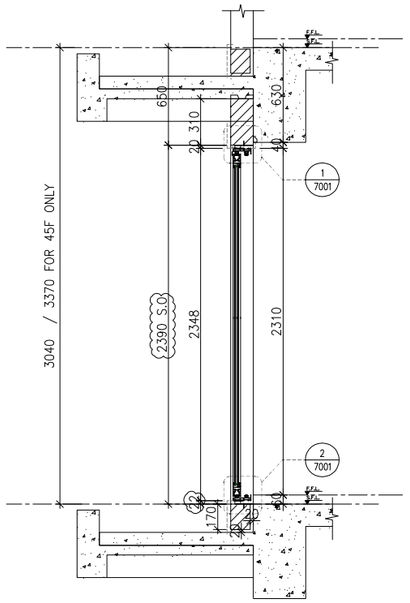
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5211 | REV. : E

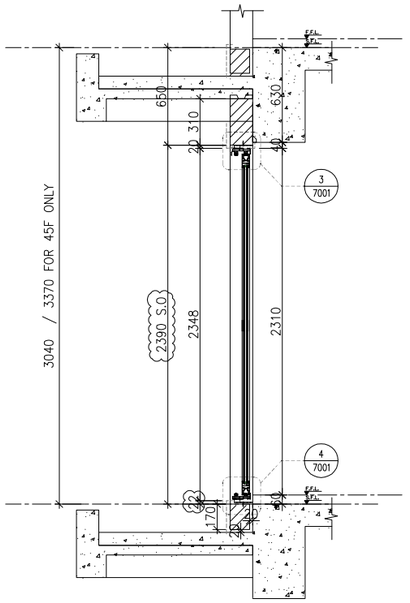
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A6-LIV	1.108	1.264	(1.657)	(2.99)

ELEVATION

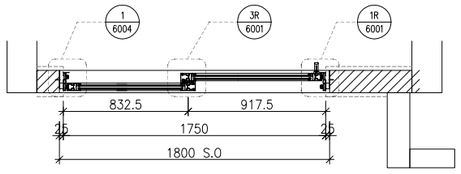




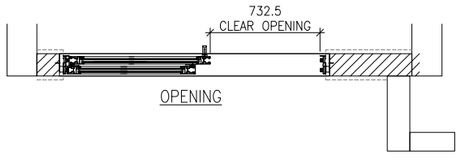
X PART SECTION



Y PART SECTION



A1 PART PLAN



WINDOW MARK	AW 05
LOCATION	(5/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A6
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	(36 Nos.)
REMARKS	FACADE(TYPE T2PF07 FOR 5/F-42/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
E	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	23/11/2021	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

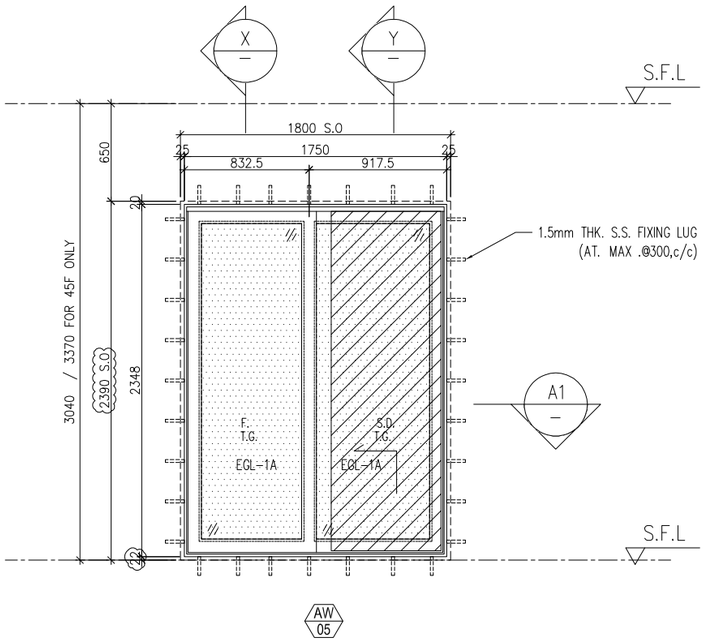
DRAWN BY : Ivan | CHECKED BY :

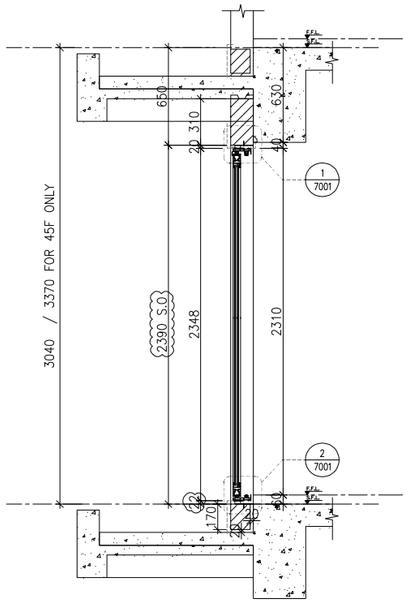
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5212 | REV. : E

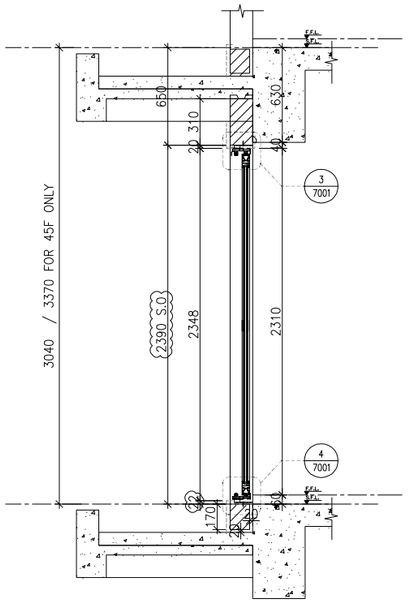
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B5-LIV	0.951	1.053	(1.657)	(2.99)

ELEVATION

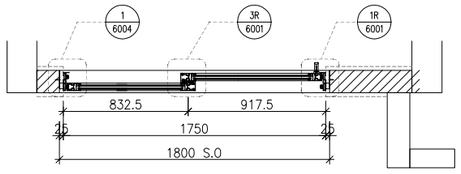




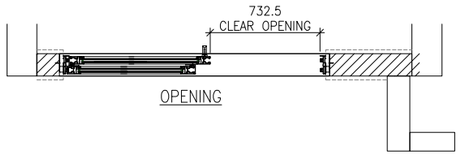
X PART SECTION



Y PART SECTION



A1 PART PLAN



WINDOW MARK	AW 05
LOCATION	(5/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B5
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	(36 Nos.)
REMARKS	FACADE(TYPE T2PF11 FOR 5/F-42/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
F	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	13/01/2022	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

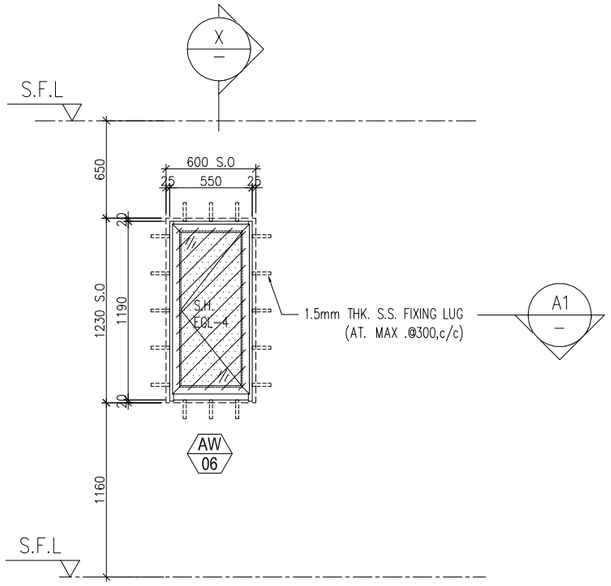
DRAWN BY : Ivan | CHECKED BY :

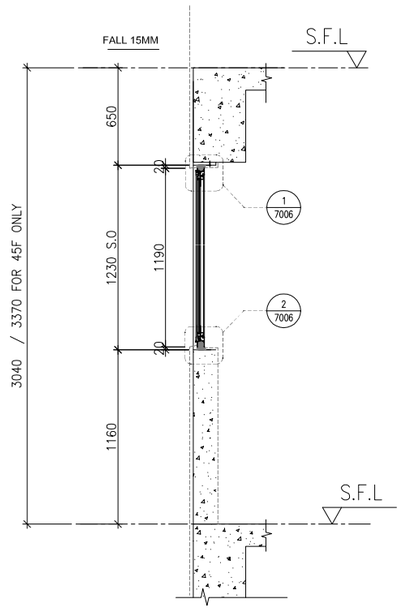
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5213 | REV. : F

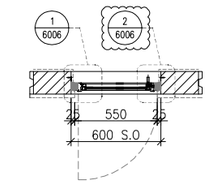
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1-M.BATH	0.318	0.318	0.497	0.408
A8-BATH	0.199	0.318		
B1-M.BATH	0.318	0.318		

ELEVATION





X — PART SECTION



PART PLAN — A1

WINDOW MARK	AW 06	AW 06R
LOCATION	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A8,B1	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A1
SECTION	50mm ALUM. SECTION	50mm ALUM. SECTION
GLAZING	EGL-4	EGL-4
QUANTITY	(37 Nos./37 Nos.)	(37 Nos.)
REMARKS	50mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMS-N14)	

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
B	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	11/07/2022	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 : 22/06/2022 | SCALE : 1:40

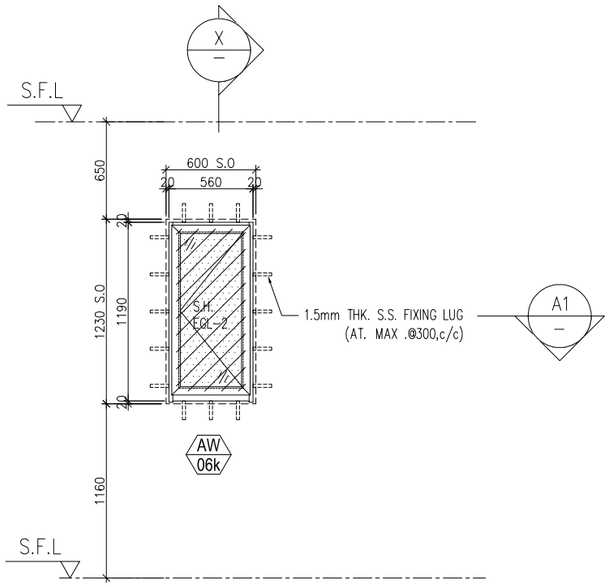
DRAWN BY : Ivan | CHECKED BY :

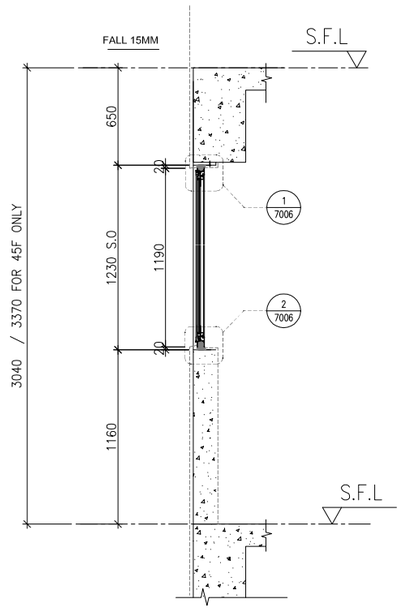
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

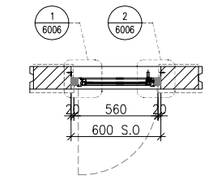
DWG NO. : J856-SD-IW-5214 | REV. : B

	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1-KIT	0.278	0.411	0.508	0.418

ELEVATION







PART PLAN A1

X PART SECTION

WINDOW MARK	AW 06k
LOCATION	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A1
SECTION	50mm ALUM. SECTION
GLAZING	EGL-2
QUANTITY	37 Nos.
REMARKS	50mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMS-N14)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

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 : 22/06/2022 | SCALE : 1:40

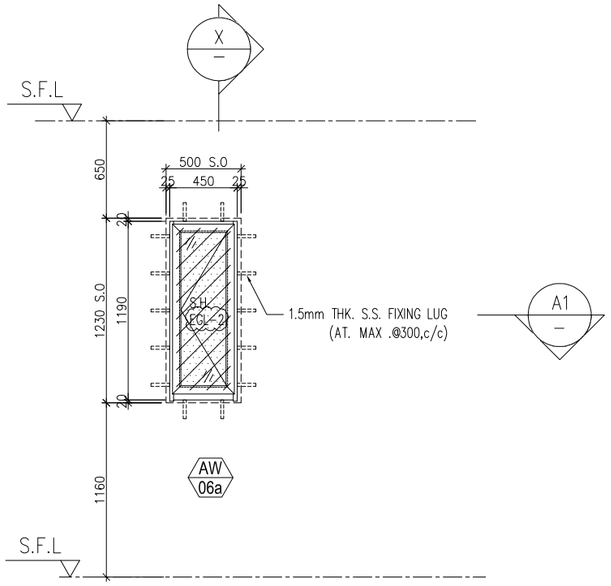
DRAWN BY : Ivan | CHECKED BY :

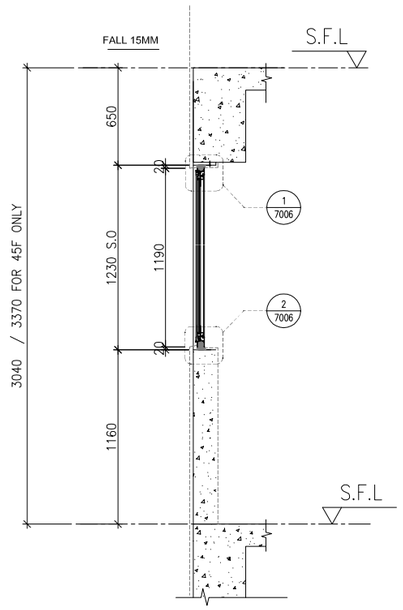
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5214a | REV. : -

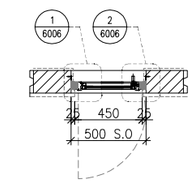
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A5-ST RM	N/A	N/A	0.389	0.306

ELEVATION





X PART SECTION



PART PLAN A1

WINDOW MARK	AW 06a
LOCATION	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A5
SECTION	50mm ALUM. SECTION
GLAZING	{EGL-2}
QUANTITY	37 Nos.
REMARKS	50mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING {HHMS-N12}

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
D	27/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	08/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	11/07/2022	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 : 22/06/2022 | SCALE : 1:40

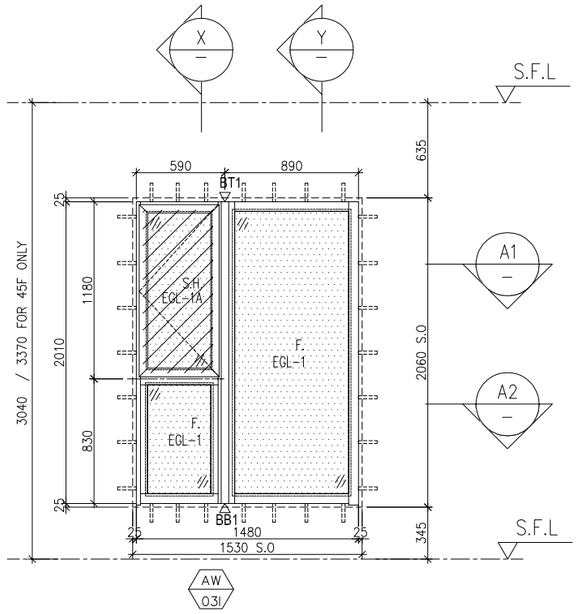
DRAWN BY : Ivan | CHECKED BY :

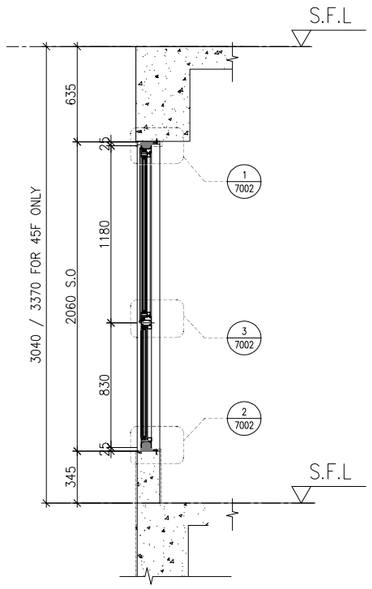
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5215 | REV. : D

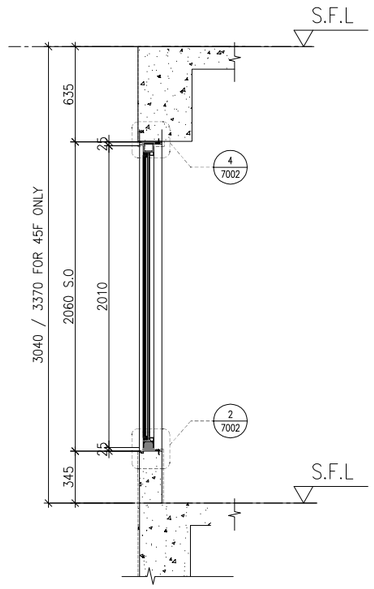
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B5-MBR	0.295	0.472	0.525	2.169

ELEVATION

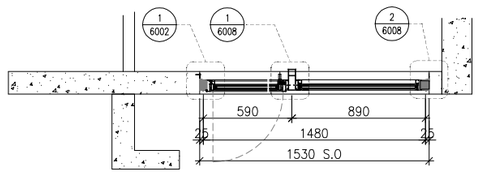




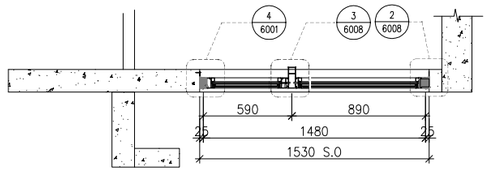
X PART SECTION



Y PART SECTION



A1 PART PLAN



A2 PART PLAN

WINDOW MARK	AW 03i	AW 03iR
LOCATION	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B5	3/F UNIT B5
SECTION	70mm ALUM. SECTION	70mm ALUM. SECTION
GLAZING	EGL-1 / EGL-1A	EGL-1 / EGL-1A
QUANTITY	37 Nos.	1 No.
REMARKS	70mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMS-N16)	

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
D	17/01/2024	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	11/07/2022	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 : 22/06/2022 | SCALE : 1:40

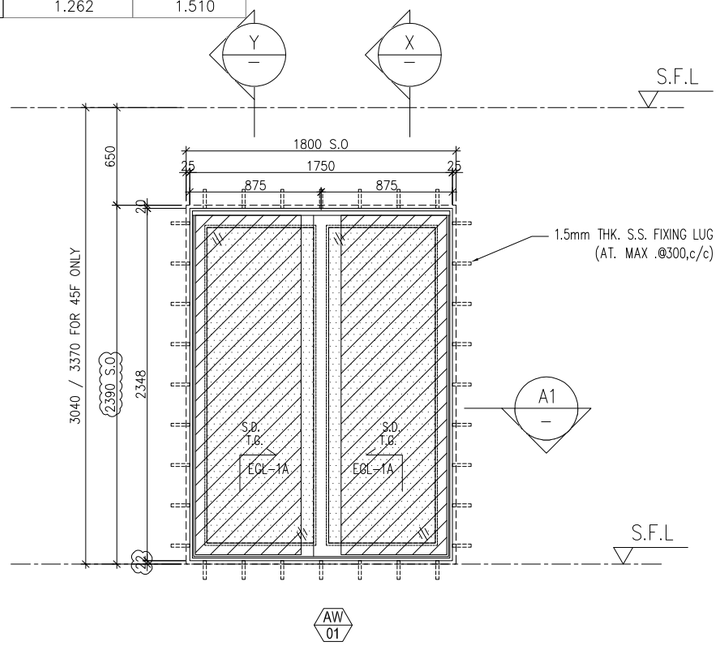
DRAWN BY : Ivan | CHECKED BY :

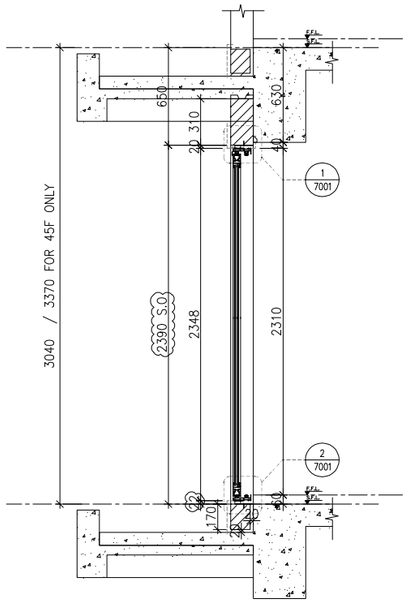
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5216 | REV. : D

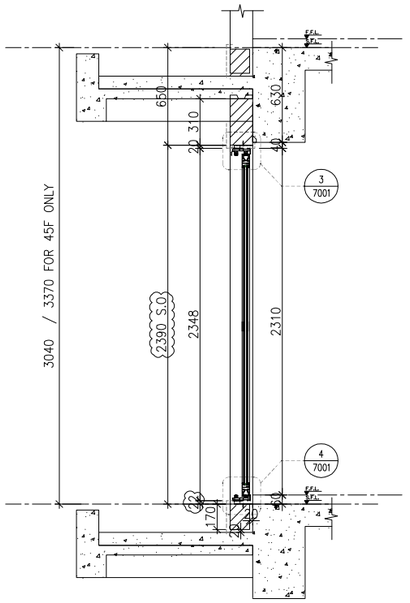
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A10-LIV	1.267	1.518	1.591	2.99
B8-LIV	0.922	1.475		
B7-LIV	1.360	1.667		
B6-LIV	1.262	1.510		

ELEVATION

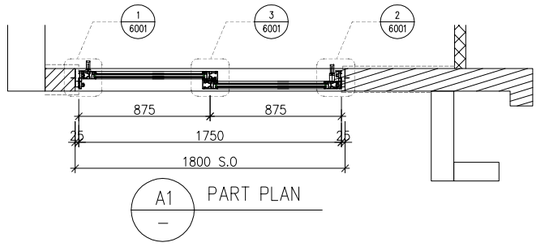




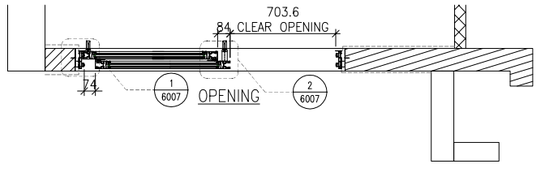
X PART SECTION

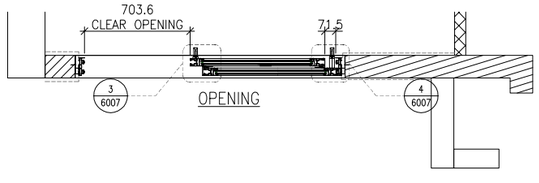


Y PART SECTION



A1 PART PLAN





WINDOW MARK	AW 01
LOCATION	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) (UNIT A10,B7,B8,B6
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	37 Nos./37 Nos./37 Nos./37 Nos.
REMARKS	FACADE(TYPE T3PF02 FOR 3/F~45/F)

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
H	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
G	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	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

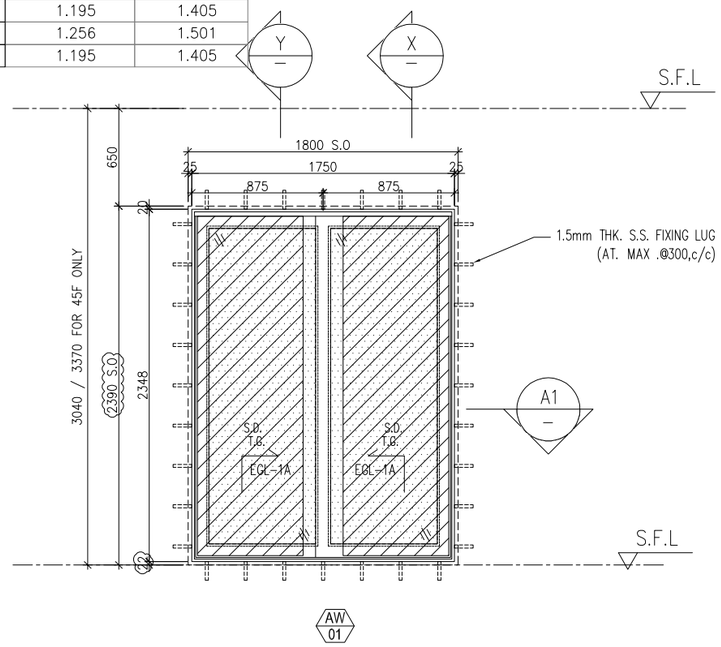
DRAWN BY : Ivan | CHECKED BY :

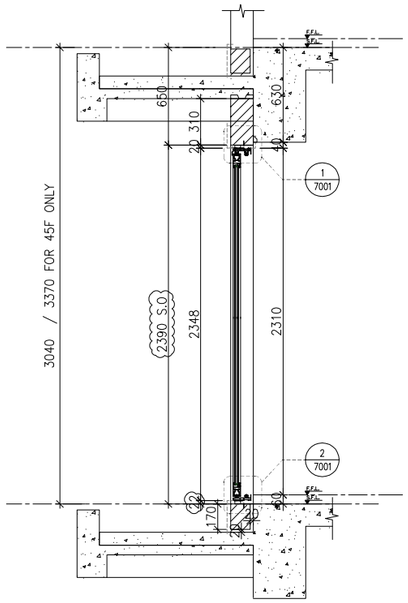
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5301 | REV. : H

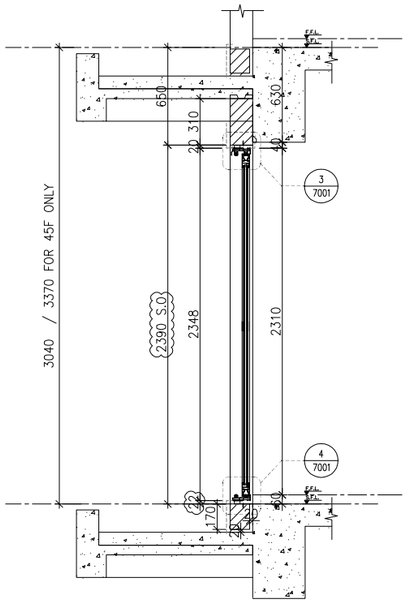
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A5-LIV	1.229	1.457	(1.591)	(2.99)
A7-LIV	1.195	1.405		
A11-LIV	1.240	1.475		
A12-LIV	1.196	1.405		
A13-LIV	1.196	1.405		
A15-LIV	1.196	1.405		
B9-LIV	1.195	1.405		
B5-LIV	1.256	1.501		
B2-LIV	1.195	1.405		

ELEVATION

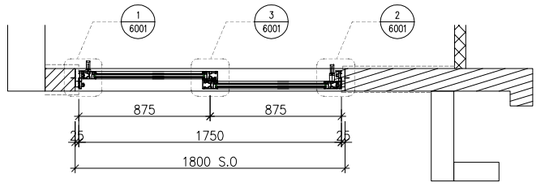


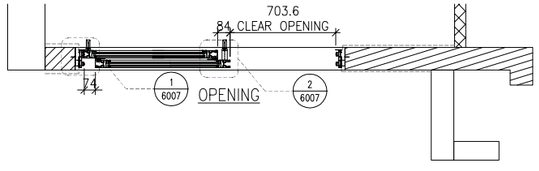


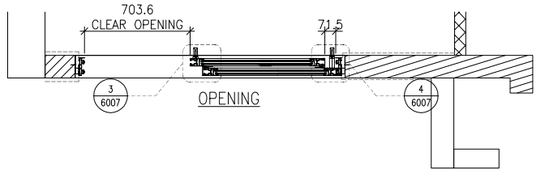
X PART SECTION



Y PART SECTION







WINDOW MARK	AW 01
LOCATION	3/F-(45/F)(4/F,13/F,14/F,24/F,34/F,44/F OMITTED)(UNIT A5,A7,A11,A12,A13,A15,B2,B5,B9
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	(37 Nos/37 Nos/37 Nos/37 Nos/37 Nos/37 Nos/37 Nos/37 Nos/37 Nos)
REMARKS	FACADE(TYPE T3PF04 FOR 3/F~45/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
H	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
G	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	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

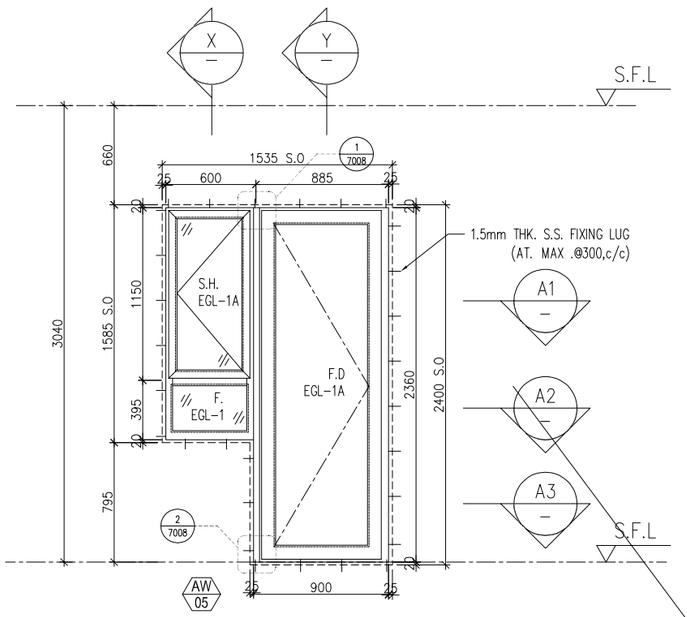
DATE : 02-Aug-21 | SCALE : 1:40

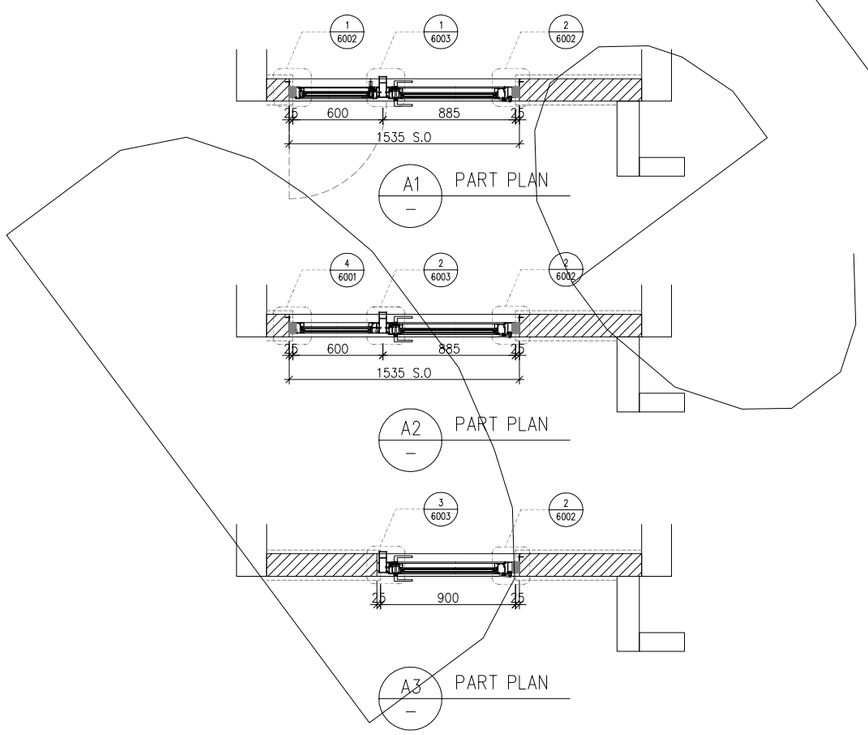
DRAWN BY : Ivan | CHECKED BY :

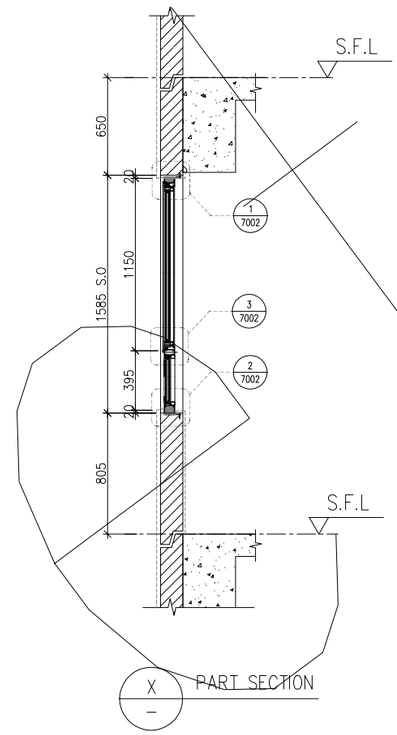
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

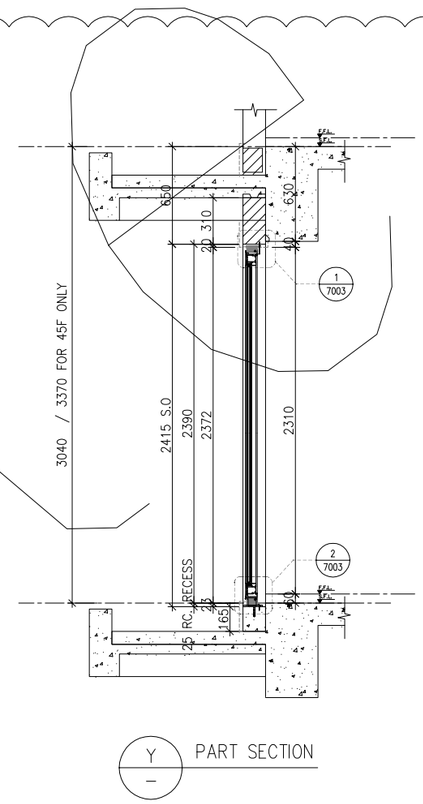
DWG NO. : J856-SD-IW-5302 | REV. : H

ELEVATION









WINDOW MARK	AW 05
LOCATION	5/F–42/F(13/F,14/F,24/F,34/F OMITTED) UNIT A1,A7,A8
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1/EGL–1A
QUANTITY	34 Nos/34 Nos/34 Nos
REMARKS	FACADE(TYPE T3PF07 FOR 5/F~42/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
D	11/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	23/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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

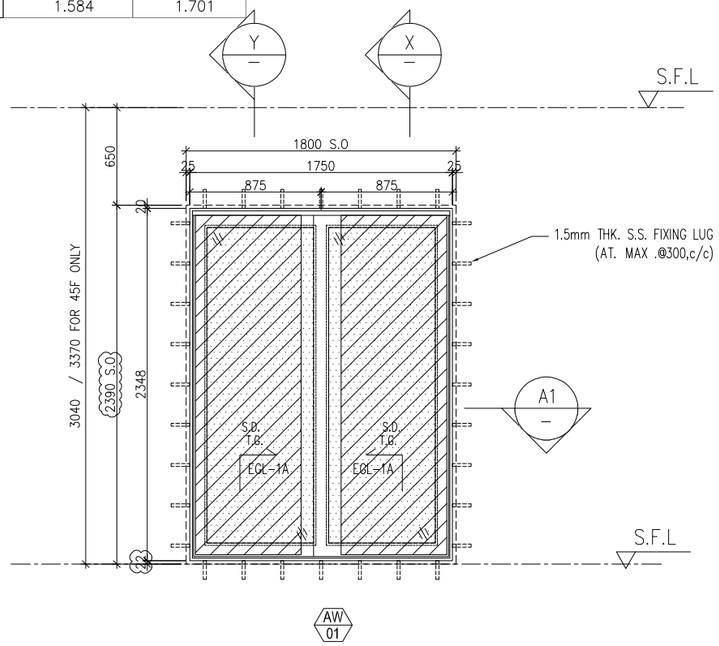
DRAWN BY : Ivan | CHECKED BY :

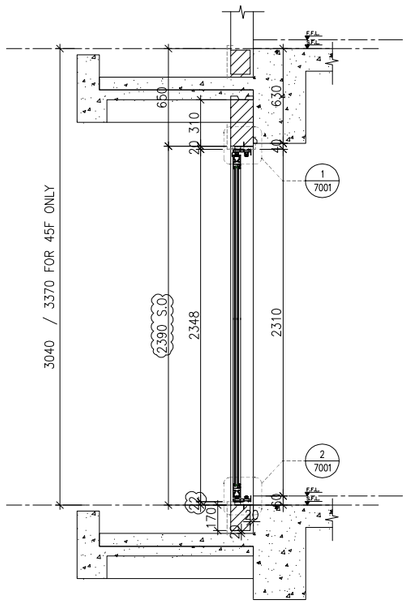
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5303 | REV. : D

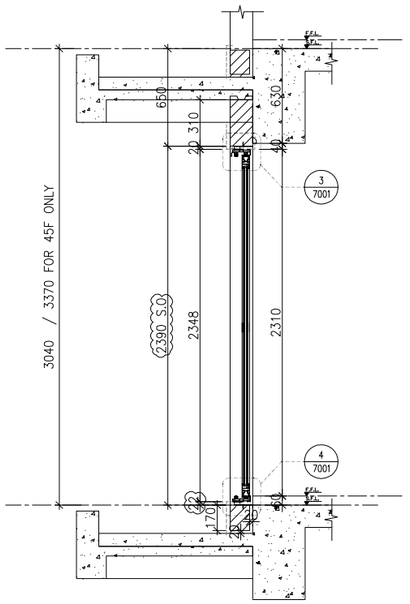
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A3-LIV	1.240	1.475	(1.591)	(2.99)
A6-LIV	1.287	1.550		
B1-LIV	1.584	1.701		
B10-LIV	1.584	1.701		

ELEVATION

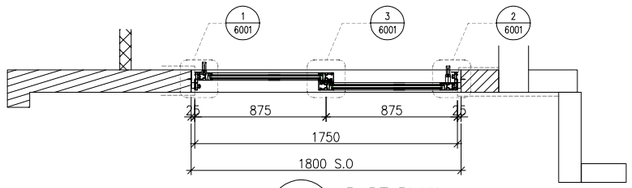




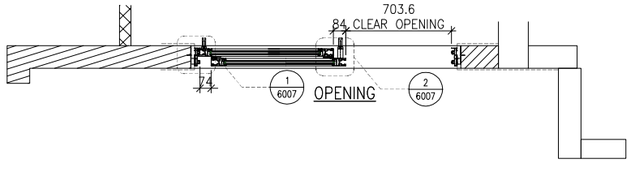
X PART SECTION

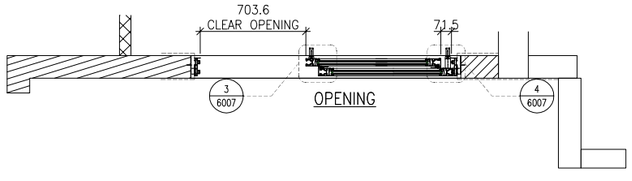


Y PART SECTION



A1 PART PLAN





WINDOW MARK	AW 01
LOCATION	3/F-(45/F)(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A3,A6,B1,B10
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	(37 Nos/37 Nos/37 Nos/37 Nos)
REMARKS	FACADE(TYPE T3PF08 FOR 3/F~45/F)

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 :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
H	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
G	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	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

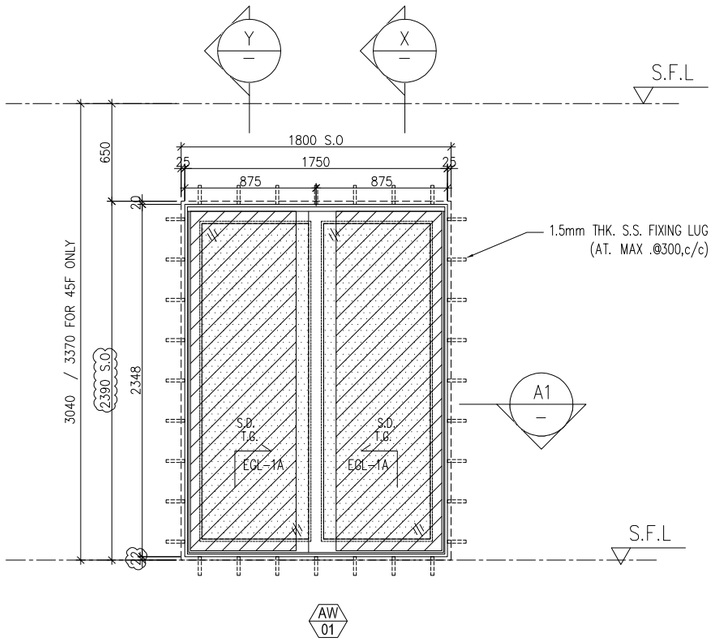
DRAWN BY : Ivan | CHECKED BY :

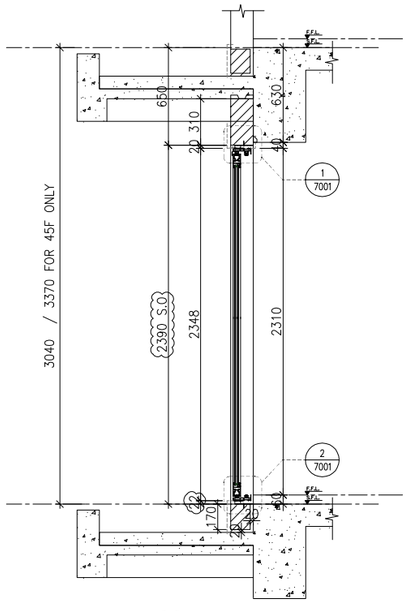
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5304 | REV. : H

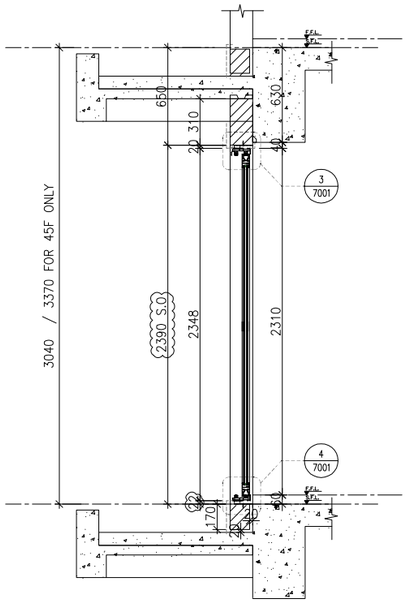
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1–LIV	1.511	1.746	(1.591)	(2.99)

ELEVATION

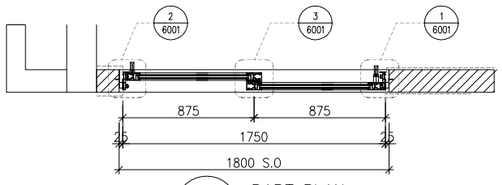




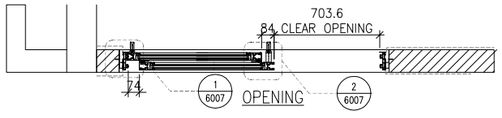
X PART SECTION



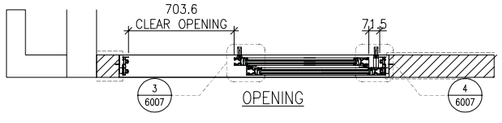
Y PART SECTION



A1 PART PLAN



OPENING



OPENING

WINDOW MARK	AW 01
LOCATION	3/F–45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) (UNIT A1
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1A
QUANTITY	38 Nos (3/F FOR 2 Nos.)
REMARKS	FACADE(TYPE T3PF17 FOR 3/F~45/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
H	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
G	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	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

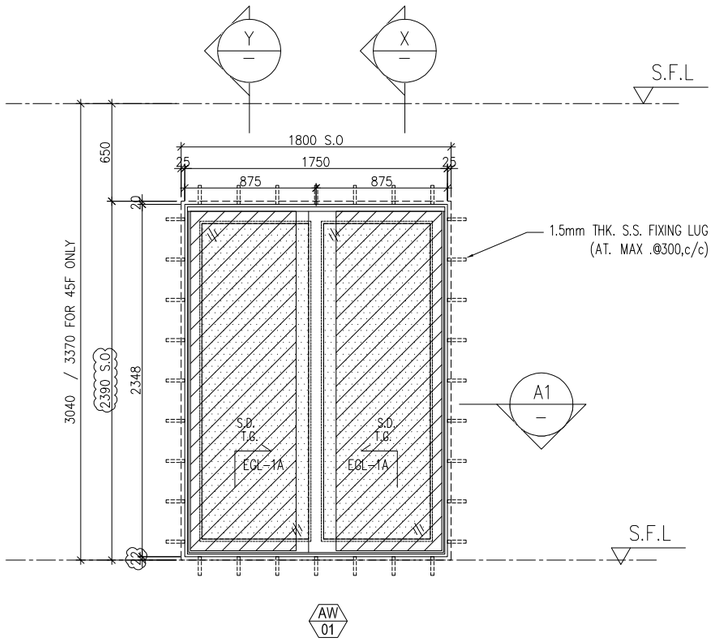
DRAWN BY : Ivan | CHECKED BY :

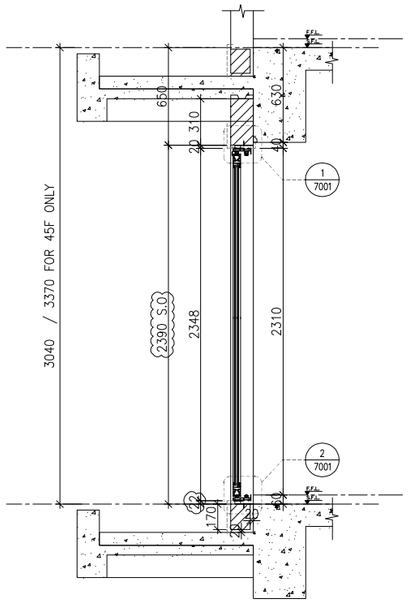
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5306 | REV. : H

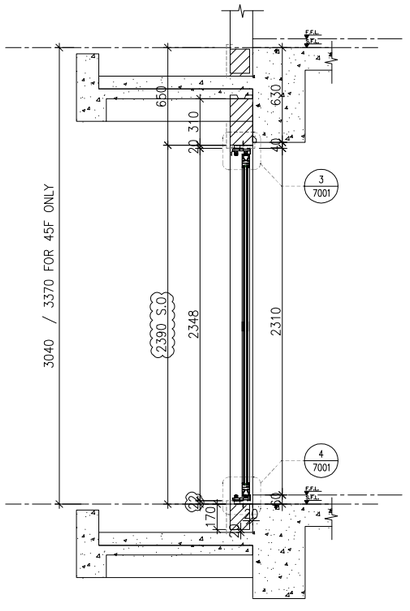
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1–LIV	1.511	1.746	(1.591)	(2.99)

ELEVATION

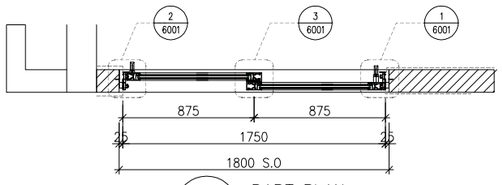




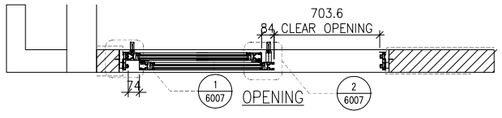
X PART SECTION



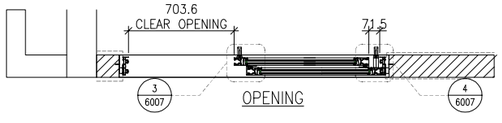
Y PART SECTION



A1 PART PLAN



OPENING



OPENING

WINDOW MARK	AW 01
LOCATION	3/F–45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) (UNIT A1
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1A
QUANTITY	38 Nos (3/F FOR 2 Nos.)
REMARKS	FACADE(TYPE T3PF17 FOR 3/F~45/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
H	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
G	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	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

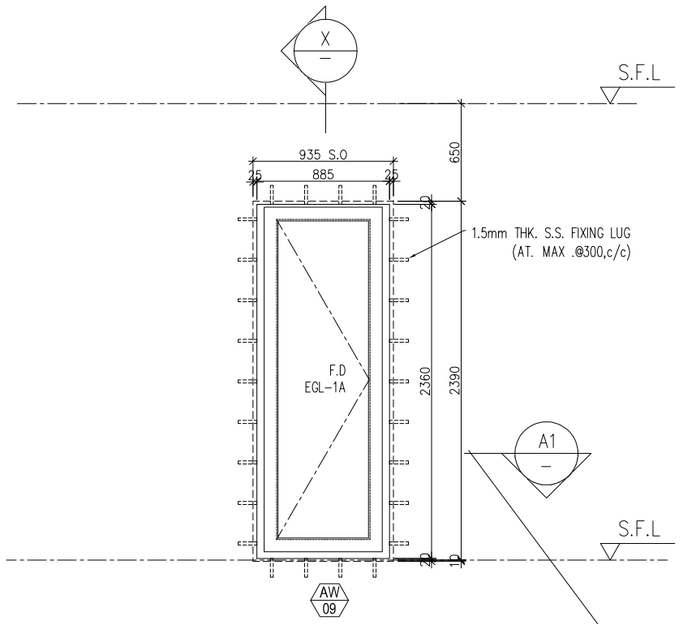
DATE : 02–Aug–21 | SCALE : 1:40

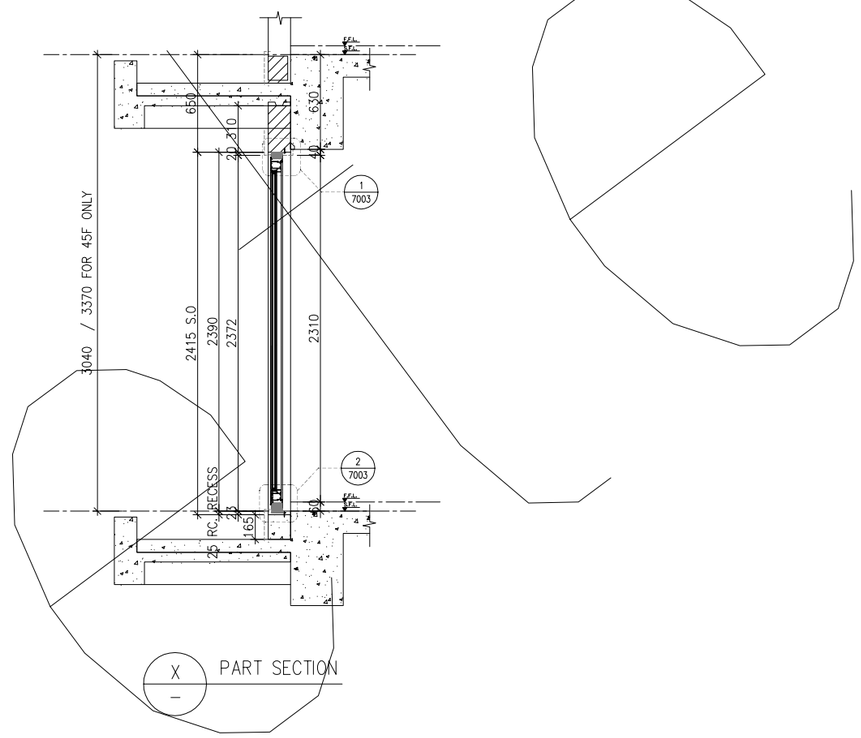
DRAWN BY : Ivan | CHECKED BY :

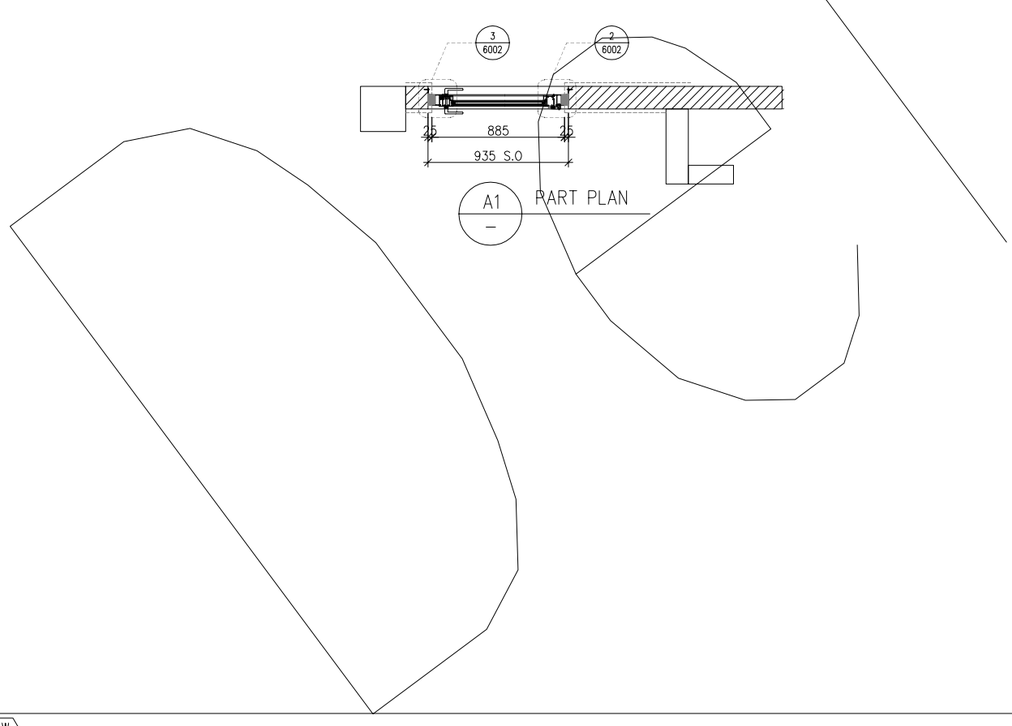
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5306 | REV. : H

ELEVATION







WINDOW MARK	AW 09
LOCATION	3/F-6/F&10/F-42/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B2
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	32 Nos
REMARKS	FACADE(TYPE T3PF18 FOR 3/F~45/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	23/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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

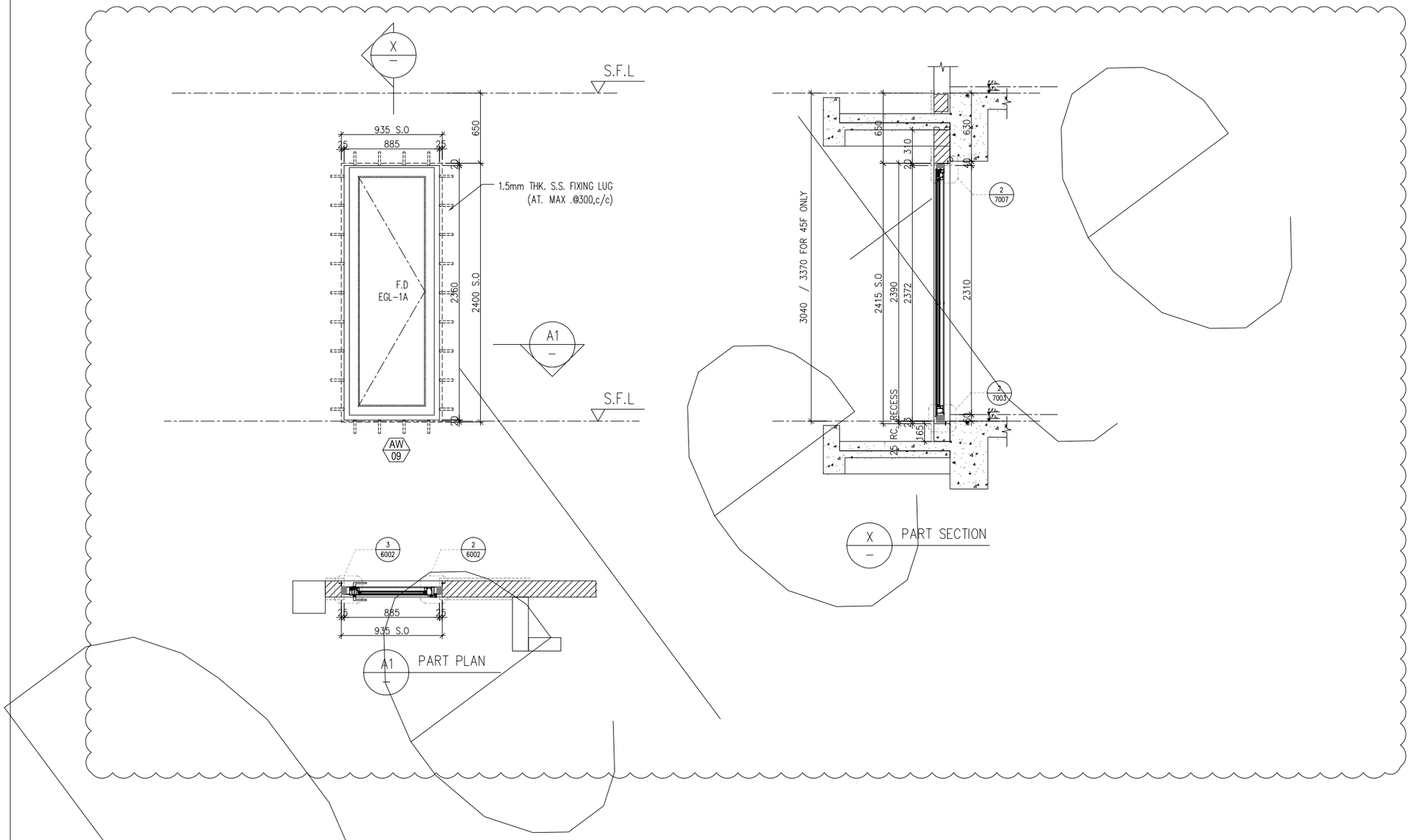
DATE : 02-Aug-21 | SCALE : 1:40

DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-5307 | REV. : C

ELEVATION



WINDOW MARK	AW 09
LOCATION	7/F–9/F UNIT B2
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1A
QUANTITY	3 Nos
REMARKS	FACADE(TYPE T3PF18 FOR 3/F~45/F)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	10/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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

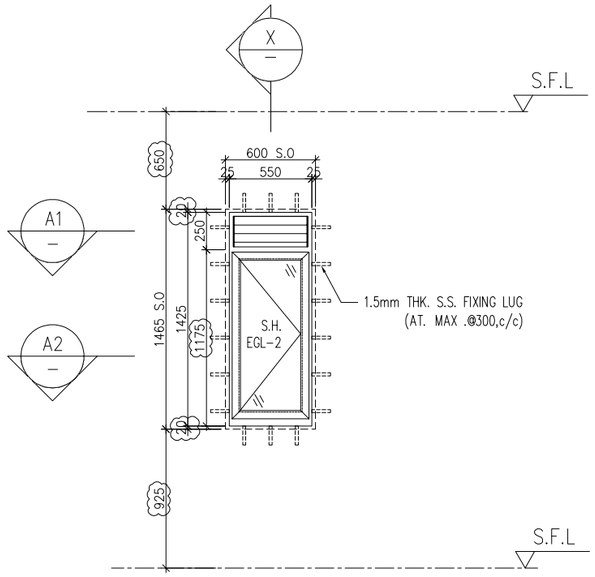
DATE : 02–Aug–21 | SCALE : 1:40

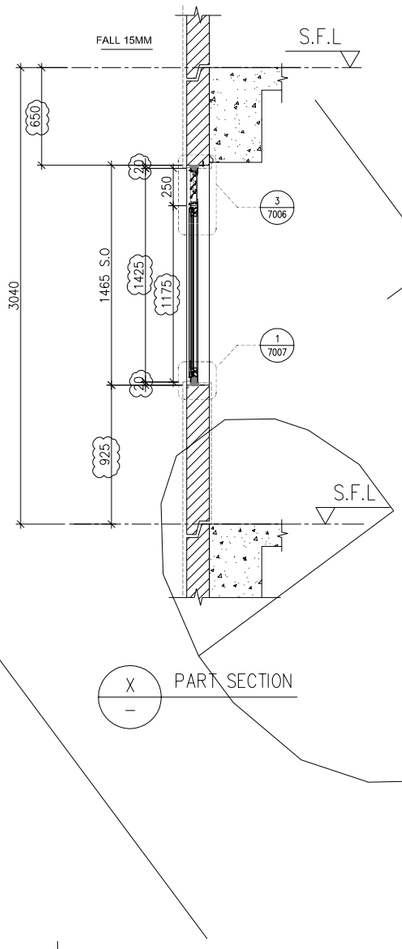
DRAWN BY : Ivan | CHECKED BY :

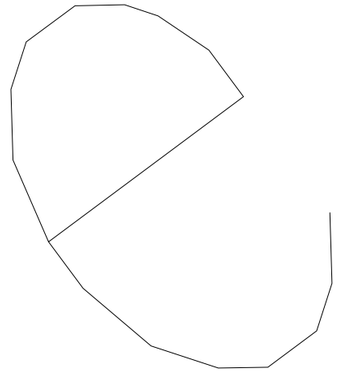
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

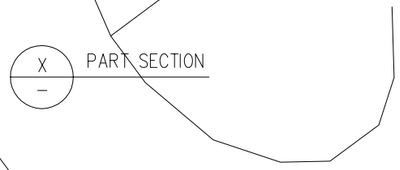
DWG NO. : J856–SD–IW–5308 | REV. : C

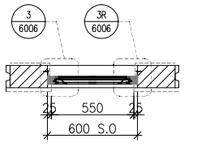
ELEVATION



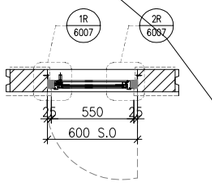








A1 PART PLAN



A2 PART PLAN

WINDOW MARK	IW 345
LOCATION	5/F–42/F(13/F,14/F,24/F,34/F OMITTED) UNIT A15
SECTION	50mm ALUM. SECTION
GLAZING	EGL–2
QUANTITY	34 Nos.
REMARKS	

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	23/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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

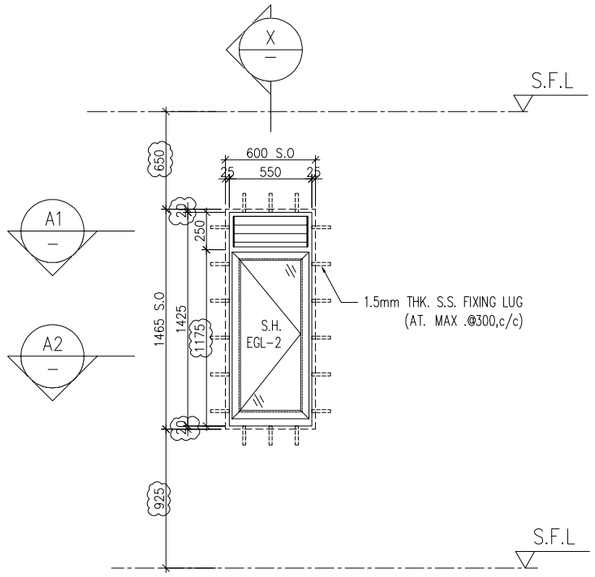
DATE : 06-Aug-21 | SCALE : 1:40

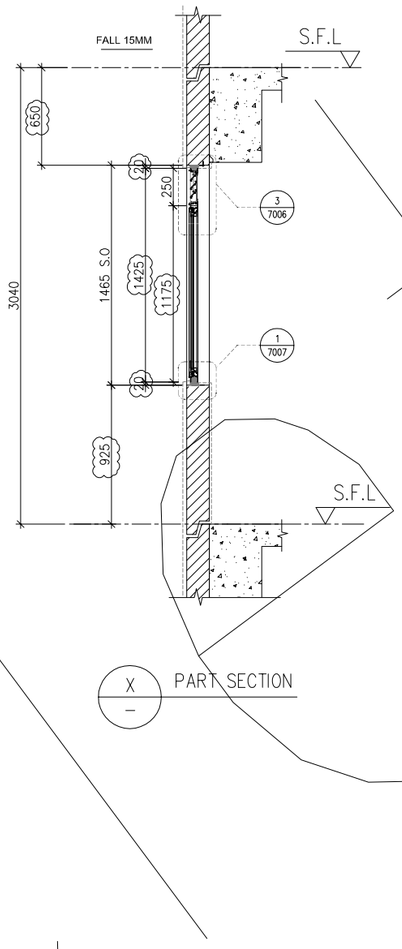
DRAWN BY : Ivan | CHECKED BY :

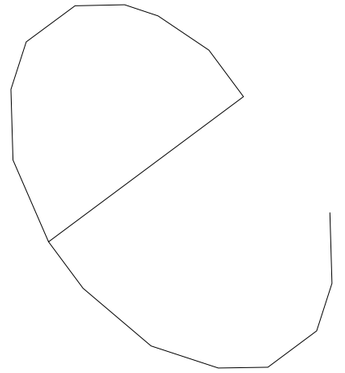
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

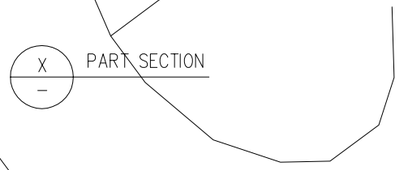
DWG NO. : J856-SD-IW-5309 | REV. : C

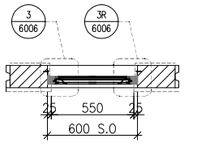
ELEVATION



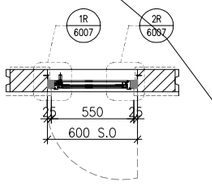








A1 PART PLAN



A2 PART PLAN

WINDOW MARK	IW 345
LOCATION	5/F–42/F(13/F,14/F,24/F,34/F OMITTED) UNIT A15
SECTION	50mm ALUM. SECTION
GLAZING	EGL–2
QUANTITY	34 Nos.
REMARKS	

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	23/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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 : 06-Aug-21 | SCALE : 1:40

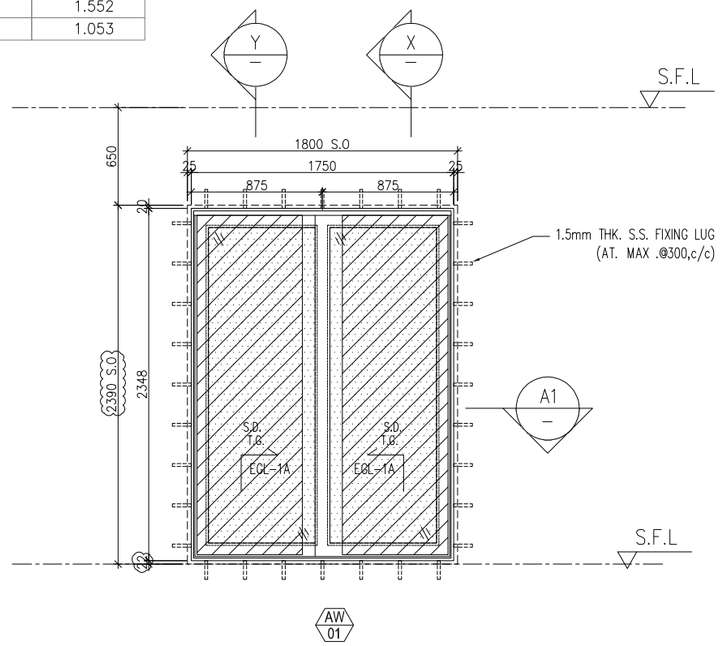
DRAWN BY : Ivan | CHECKED BY :

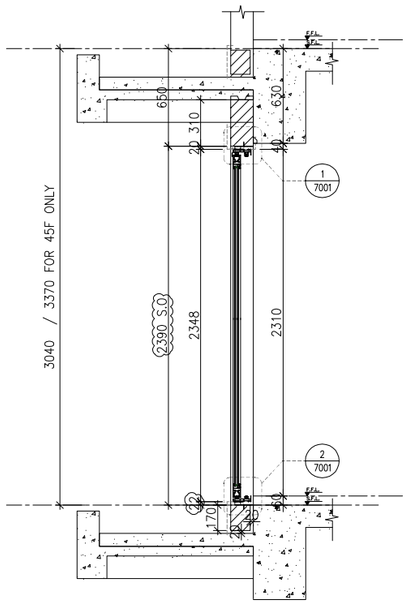
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

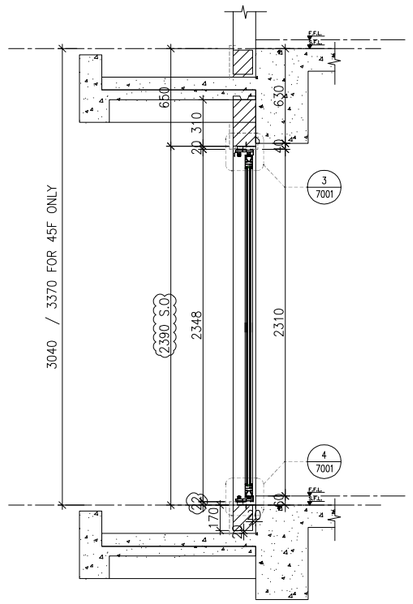
DWG NO. : J856-SD-IW-5309 | REV. : C

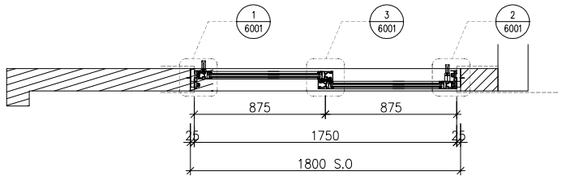
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A2-LIV	1.015	1.116	1.591	2.99
A8-LIV	1.023	1.129		
A9-LIV	1.085	1.228		
B11-LIV	1.288	1.552		
B3-LIV	1.001	1.053		

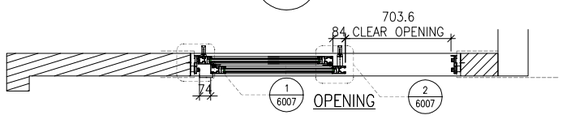
ELEVATION

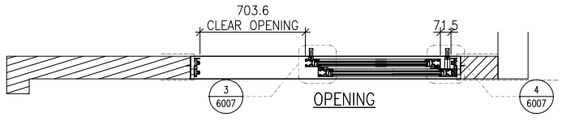












WINDOW MARK	AW 01
LOCATION	3/F UNIT A2,A8,A9,B3,B11
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	1 No. /1 No. /1 No. /1 No. /1 No. /
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
E	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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 : 06-Aug-21 | SCALE : 1:40

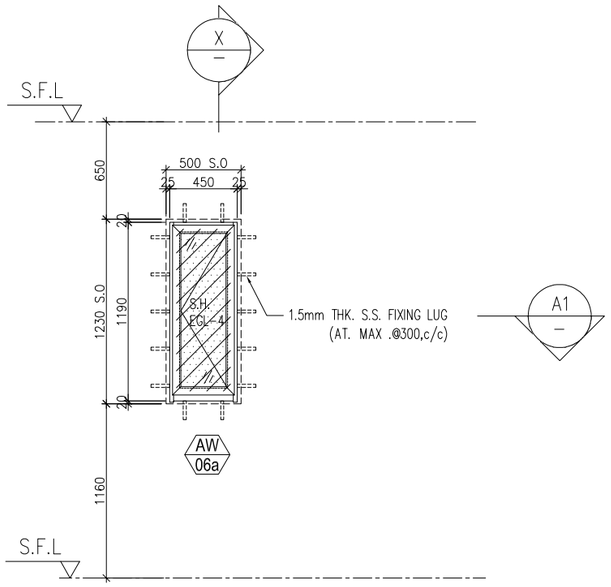
DRAWN BY : Ivan | CHECKED BY :

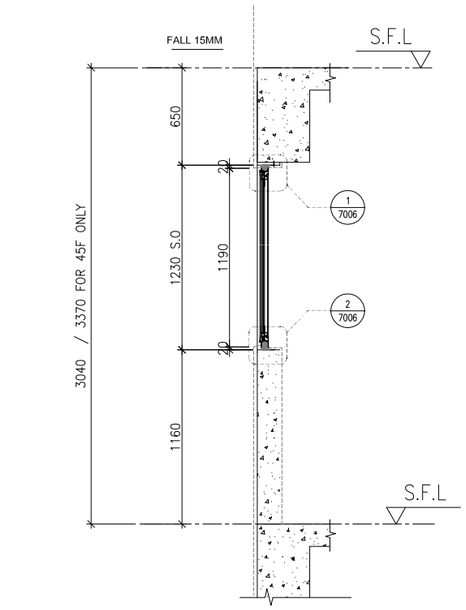
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

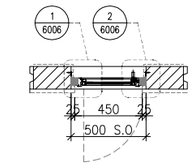
DWG NO. : J856-SD-IW-5310 | REV. : E

LOCATION	REQUIRE		PROVIDED	
	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B1–POWDER RM	N/A	N/A	0.389	0.306
B10–POWDER RM	N/A	N/A		

ELEVATION







PART PLAN A1

X PART SECTION

WINDOW MARK	AW 06a	AW 06aR
LOCATION	3/F (45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B10	3/F (45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B1
SECTION	50mm ALUM. SECTION	50mm ALUM. SECTION
GLAZING	EGL–4	EGL–4
QUANTITY	(37 Nos.)	(37 Nos.)
REMARKS	50mm ALUM. WINDOW SECTION , 4 BAR HINGE–LIP HING (HHMS–N14)	

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 :
怡輝建築有限公司 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 / X001) — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
F	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	22/06/2022	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 : 06–Aug–21 | SCALE : 1:40

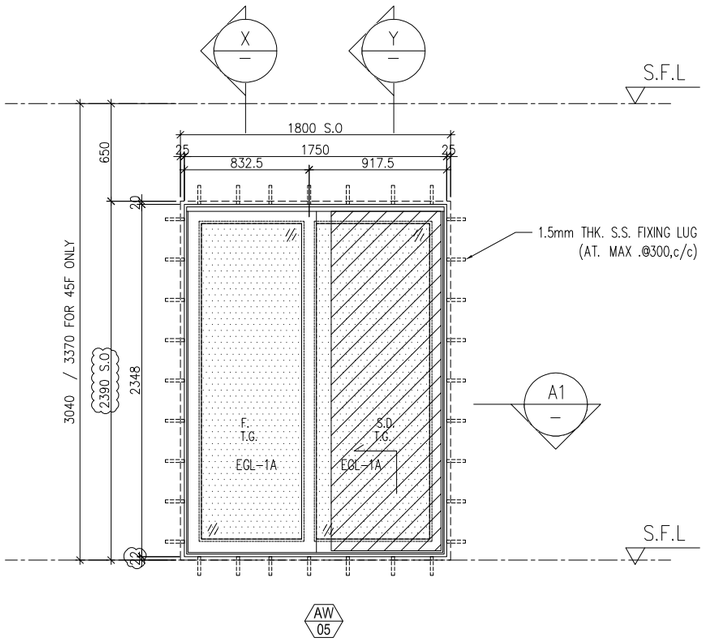
DRAWN BY : Ivan | CHECKED BY :

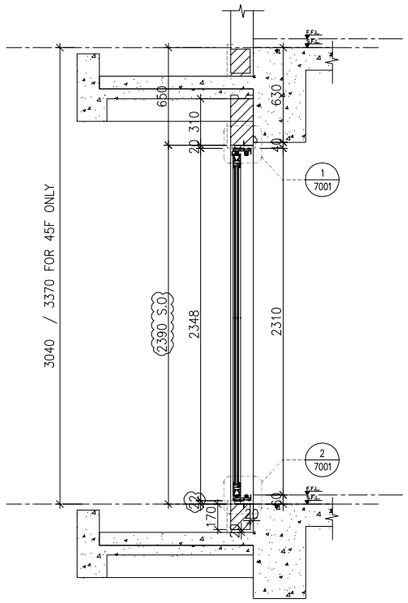
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5311 | REV. : F

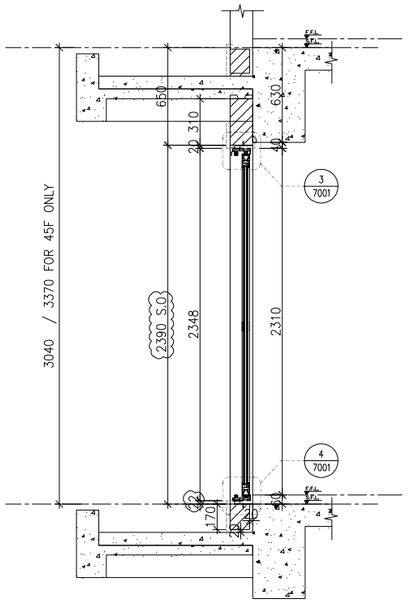
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A2-LIV	1.015	1.116	1.657	2.99
A8-LIV	1.023	1.129		
A9-LIV	1.085	1.228		

ELEVATION

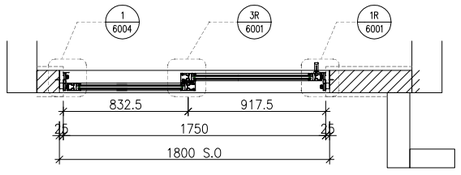




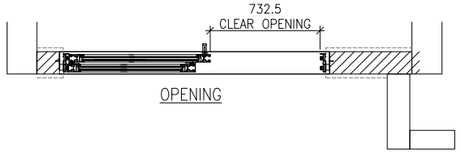
X PART SECTION



Y PART SECTION



A1 PART PLAN



WINDOW MARK	AW 05
LOCATION	5/F-(45/F(13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A2,A8,A9
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	(36 Nos/36 Nos/36 Nos
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
G	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	26/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	28/07/2022	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

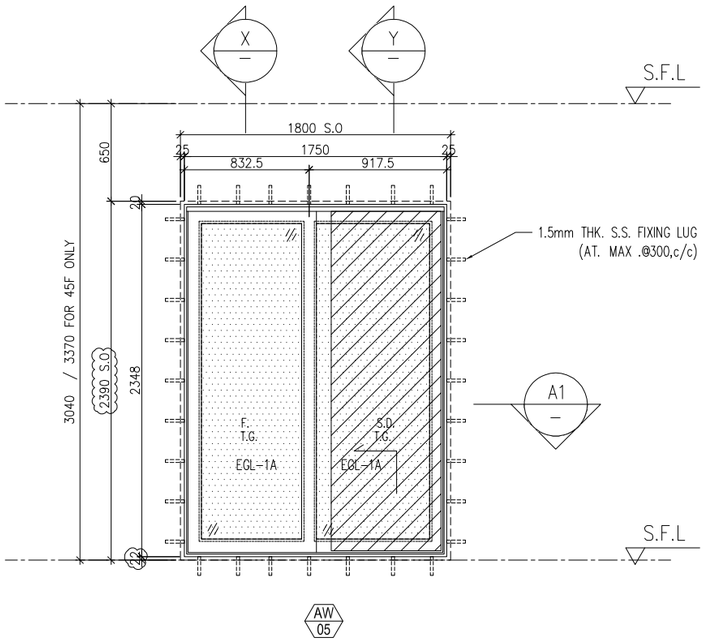
DRAWN BY : Ivan | CHECKED BY :

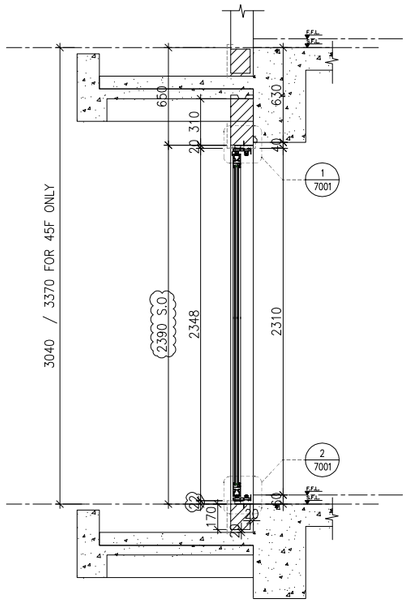
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5312 | REV. : G

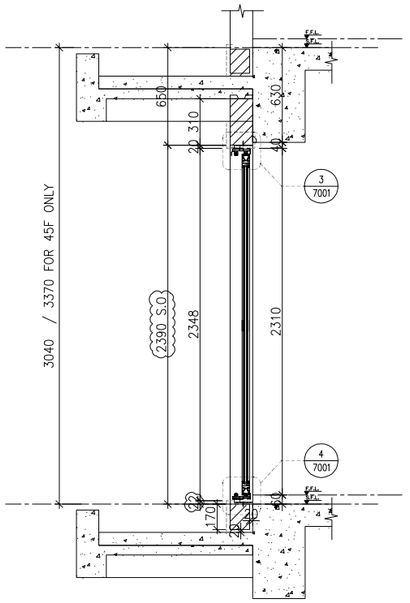
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B11–LIV	1.288	1.552	1.657	2.99
B3–LIV	1.001	1.053		

ELEVATION

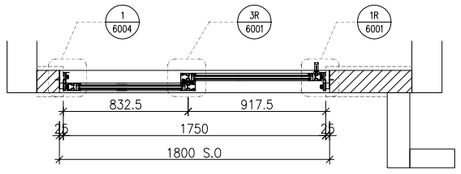




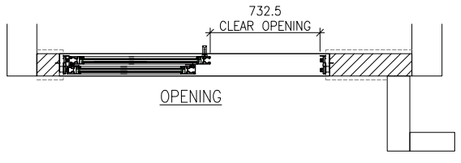
X PART SECTION



Y PART SECTION



A1 PART PLAN



WINDOW MARK	AW 05
LOCATION	5/F–45/F(13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B3 , B11
SECTION	70mm ALUM. SECTION
GLAZING	EGL–1A
QUANTITY	36 Nos/ (36 Nos)
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
H	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
G	25/02/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
F	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	26/08/2022	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

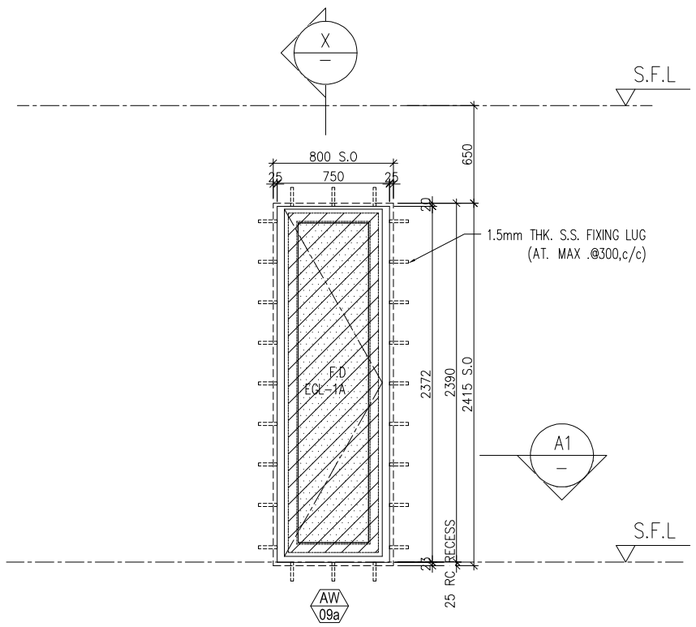
DRAWN BY : Ivan | CHECKED BY :

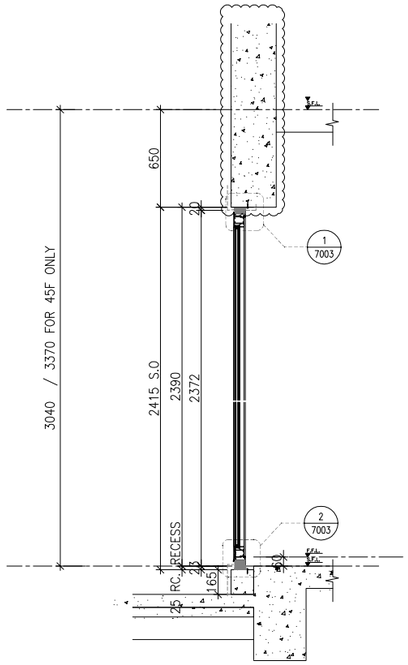
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

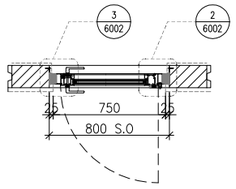
DWG NO. : J856–SD–IW–5313 | REV. : H

	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B10-MBR	N/A	N/A	1.357	0.997

ELEVATION







X — PART SECTION

WINDOW MARK	AW 09a
LOCATION	3/F UNIT B10
SECTION	70mm ALUM. SECTION
GLAZING	EGL-2
QUANTITY	1No.
REMARKS	

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 :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
F	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	13/01/2022	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 : 06-Aug-21 | SCALE : 1:40

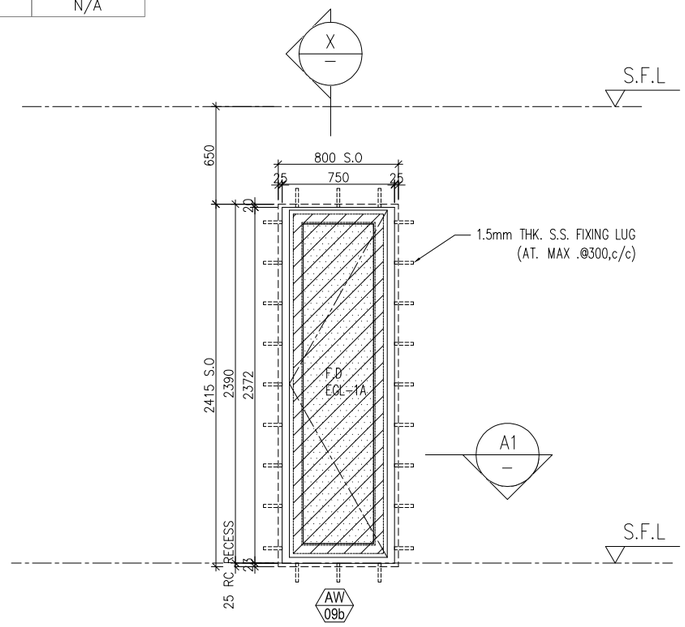
DRAWN BY : Ivan | CHECKED BY :

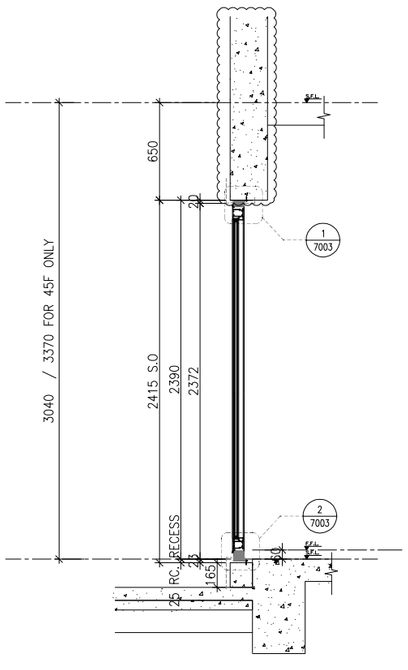
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

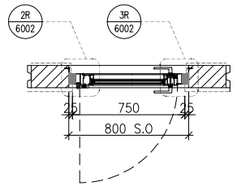
DWG NO. : J856-SD-IW-5314 | REV. : F

	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B1-MBR	N/A	N/A	1.357	0.997
B6-MBR	N/A	N/A		
B5-LIV (AW01&AW09b)	N/A	N/A		
A1-LIV (AW01&AW09b)	N/A	N/A		

ELEVATION







X — PART SECTION

WINDOW MARK	AW 09b
LOCATION	3/F UNIT A1,B1,B5,B6
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	1No./ 1No./ 1No./ 1No.
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
F	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
E	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	12/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	11/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	13/01/2022	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

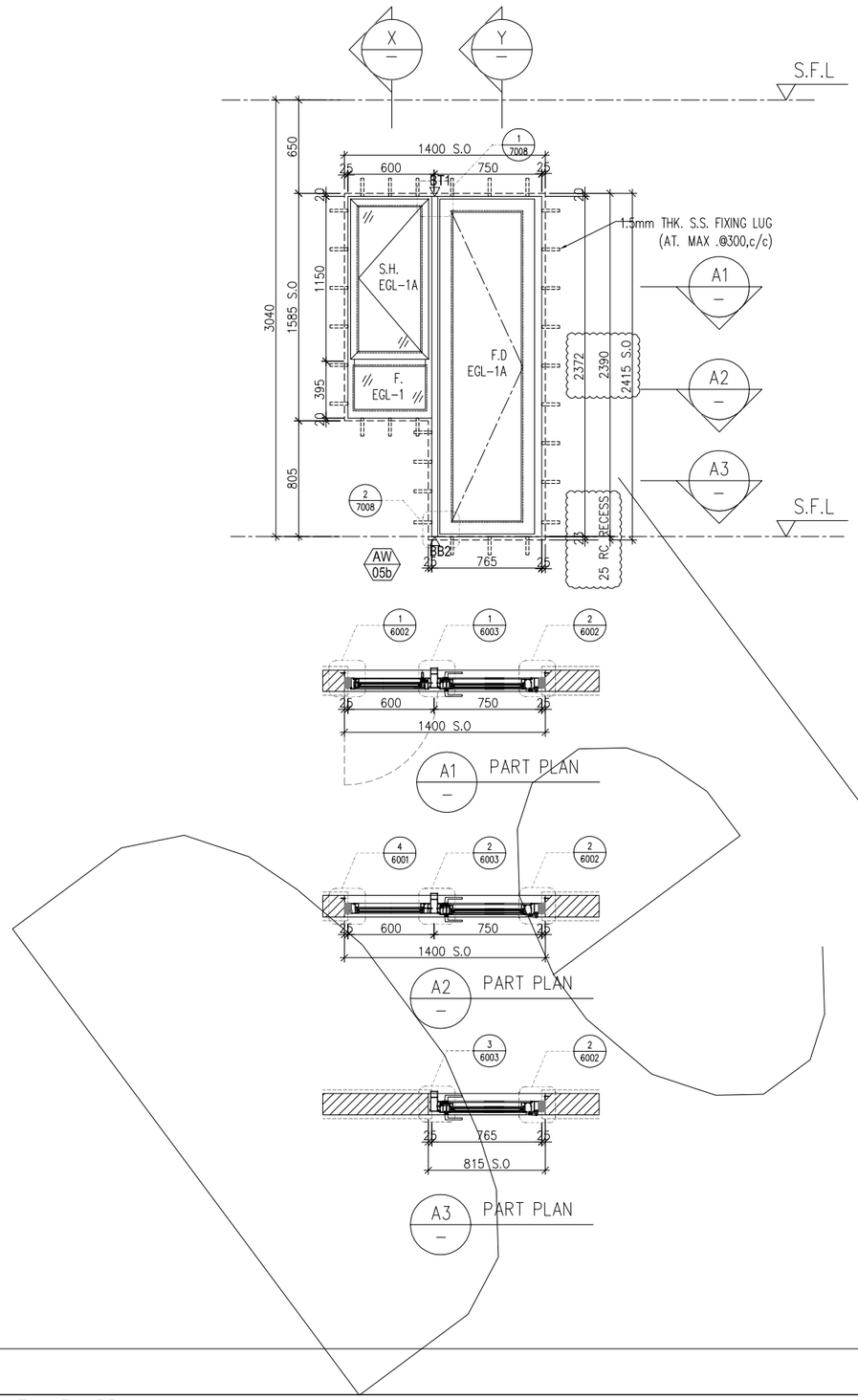
DATE : 06-Aug-21 | SCALE : 1:40

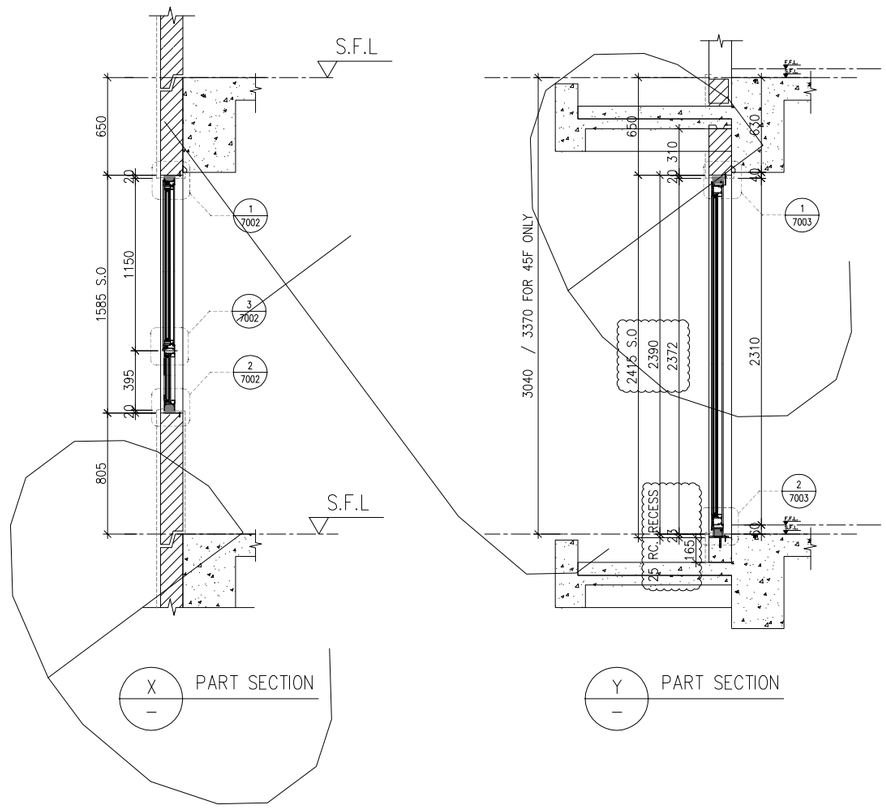
DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-5315 | REV. : F

ELEVATION





WINDOW MARK	AW 05b
LOCATION	3/F UNIT A15 MBR
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1/EGL-1A
QUANTITY	1 No.
REMARKS	

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.

GLAZING AREA

OPENABLE AREA

BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
B	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	13/01/2022	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

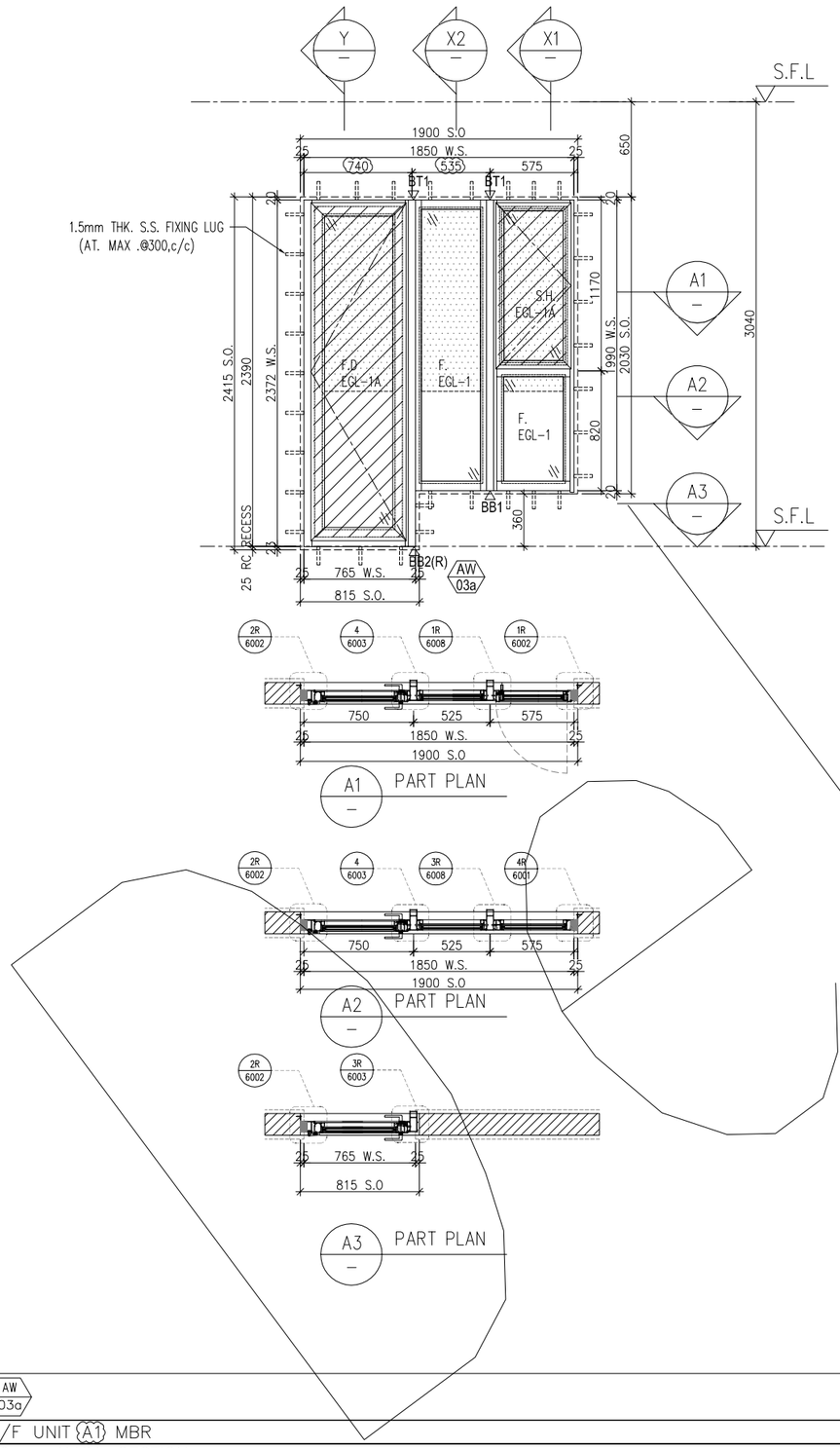
DRAWN BY : Ivan | CHECKED BY :

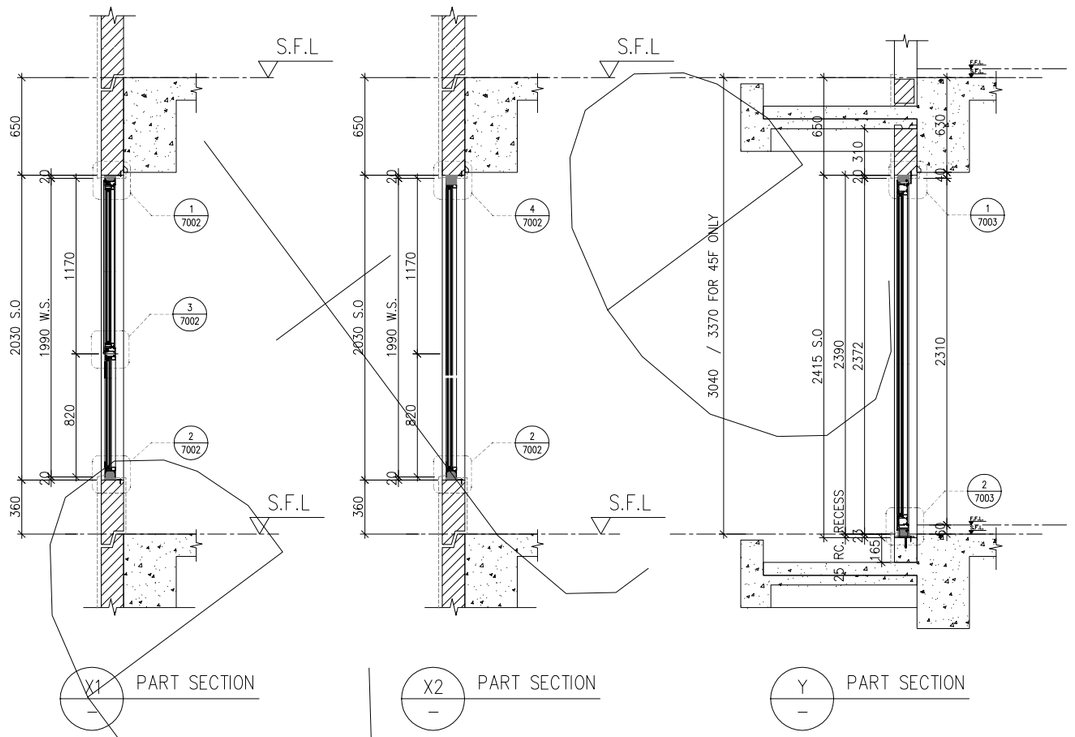
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5316 | REV. : B

	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A15-MBR	0.435	0.696	1.884	1.521

ELEVATION





WINDOW MARK	AW 03a
LOCATION	3/F UNIT (A1) MBR
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1/EGL-1A
QUANTITY	1 No.
REMARKS	70mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMS-N14)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
D	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	11/7/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	21/6/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	23/11/2021	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

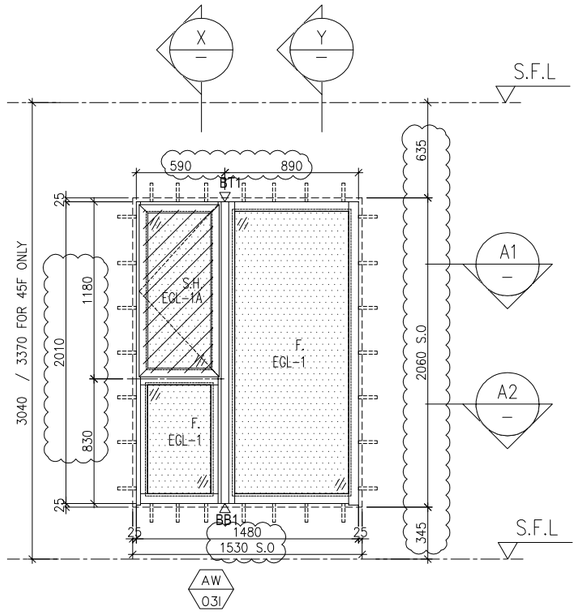
DRAWN BY : Ivan | CHECKED BY :

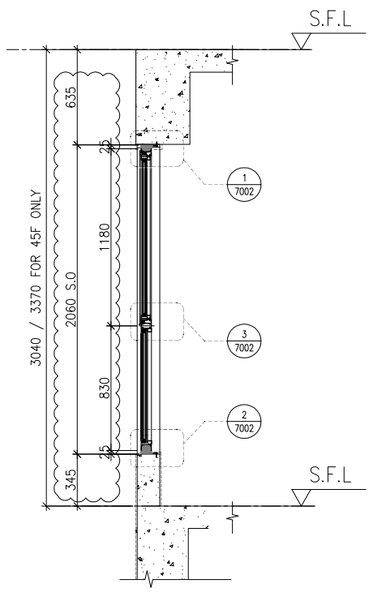
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5317 | REV. : D

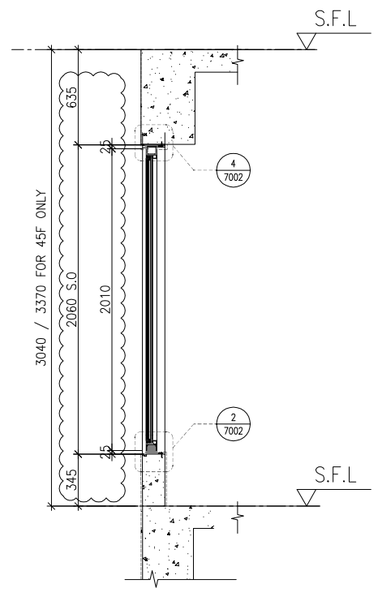
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A2-MBR	0.388	0.620	0.525	2.169
B3-MBR	0.295	0.472		

ELEVATION

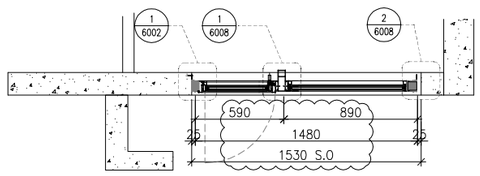




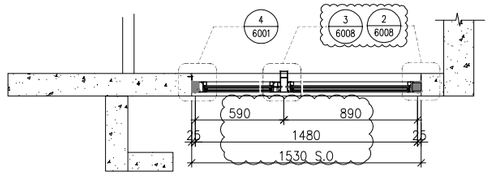
X PART SECTION



Y PART SECTION



A1 PART PLAN



A2 PART PLAN

WINDOW MARK	AW 03i
LOCATION	3/F-(45/F)(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A2, B3
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1 / EGL-1A
QUANTITY	37 Nos./37 Nos.
REMARKS	70mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMS-N16)

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
C	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	11/7/2022	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 : 21-Jun-22 | SCALE : 1:40

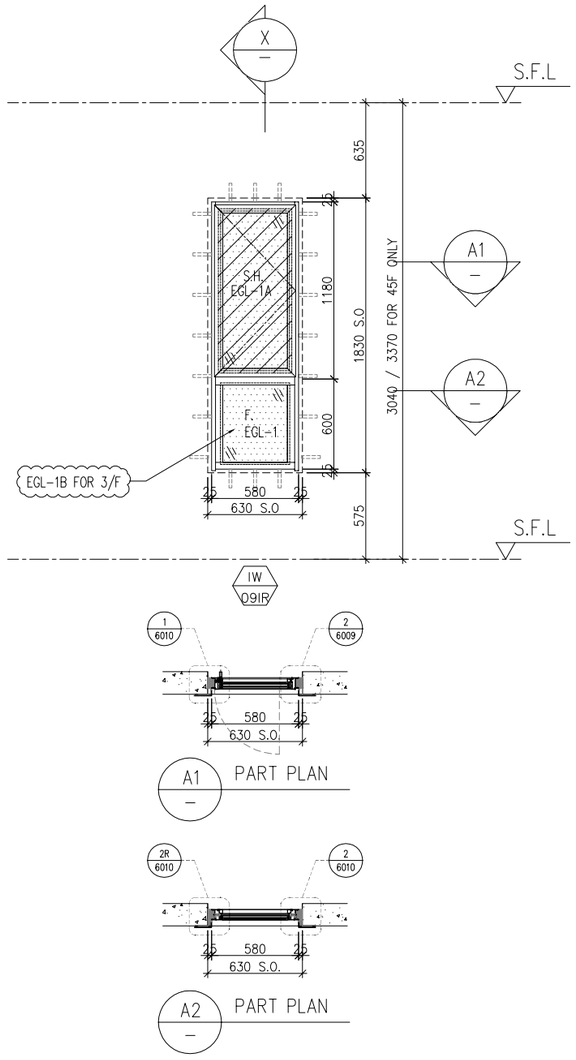
DRAWN BY : Ivan | CHECKED BY :

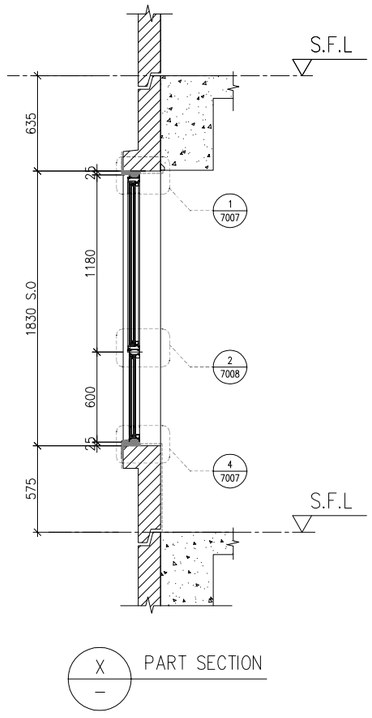
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5318 | REV. : C

	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B11–LIV	N/A	N/A	(0.536)	(0.667)

ELEVATION





WINDOW MARK	AW O9iR
LOCATION	3/F–45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B11
SECTION	50mm ALUM. SECTION
GLAZING	EGL–2
QUANTITY	37 Nos.
REMARKS	70mm ALUM. WINDOW SECTION , 4 BAR HINGE–LIP HING (HHMS–N16)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP
CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
E	30/03/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
D	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	31/8/2022	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 : 21–Jun–22 | SCALE : 1:40

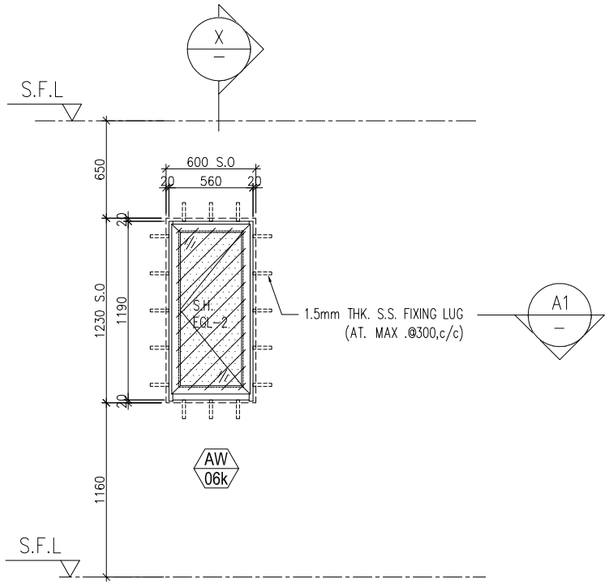
DRAWN BY : Ivan | CHECKED BY :

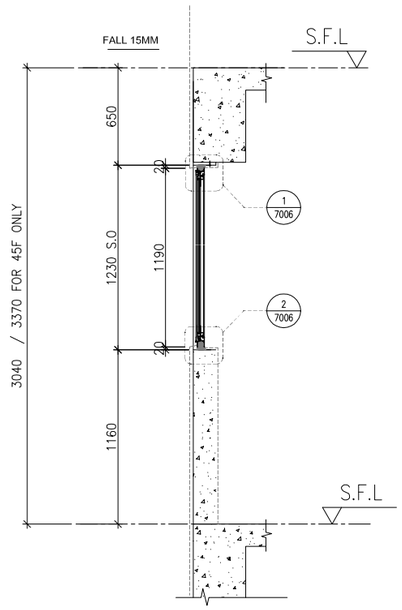
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

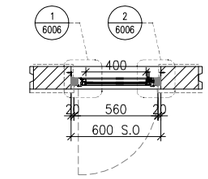
DWG NO. : J856–SD–IW–5319 | REV. : E

	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1–KIT	0.257	0.411	0.508	0.418

ELEVATION







PART PLAN A1

X PART SECTION

WINDOW MARK	AW 06k
LOCATION	3/F–45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A1
SECTION	50mm ALUM. SECTION
GLAZING	EGL–2
QUANTITY	36 Nos.
REMARKS	50mm ALUM. WINDOW SECTION , 4 BAR HINGE–LIP HING (HHMS–N14)

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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.
EGL–1B–8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1–FIXING DETAIL (DWG. NO. FD01)
BT3/BB3–FIXING DETAIL (DWG. NO. FD03)

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

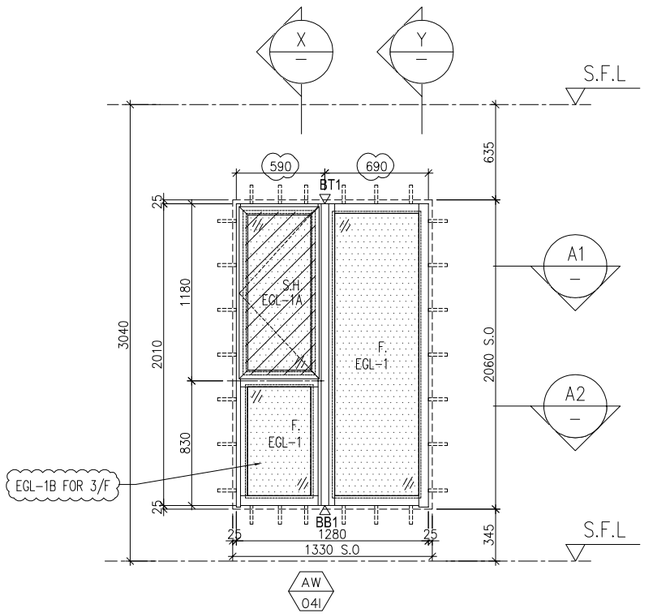
DATE : 21–Jun–22	SCALE : 1:40
DRAWN BY : Ivan	CHECKED BY :

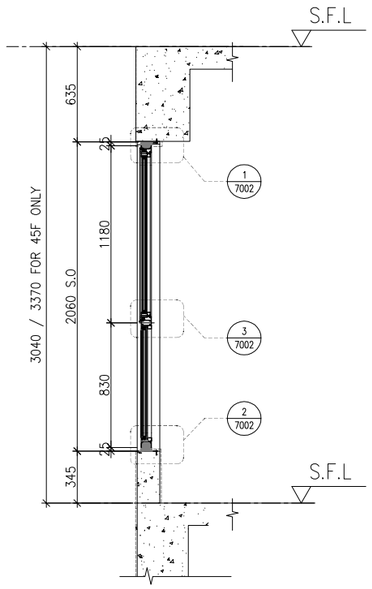
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J856–SD–IW–5319a	REV. : –

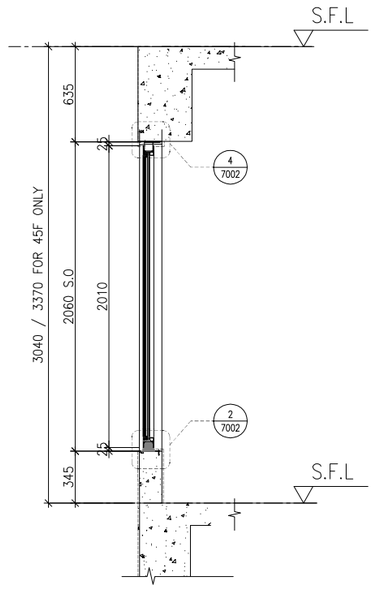
	REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A9-MBR	0.295	0.472	0.504	1.719

ELEVATION

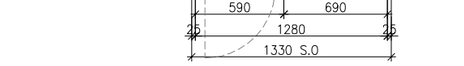




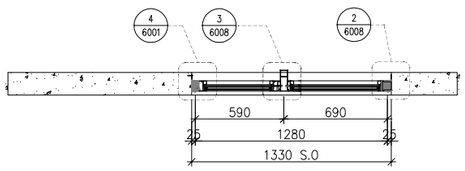
X PART SECTION



Y PART SECTION



A1 PART PLAN



A2 PART PLAN

WINDOW MARK	AW 04i
LOCATION	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT A9
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1 / EGL-1A
QUANTITY	37 Nos.
REMARKS	70mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMS-N16)

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
D	20/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	09/01/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	11/11/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	11/7/2022	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 : 21-Jun-22 | SCALE : 1:40

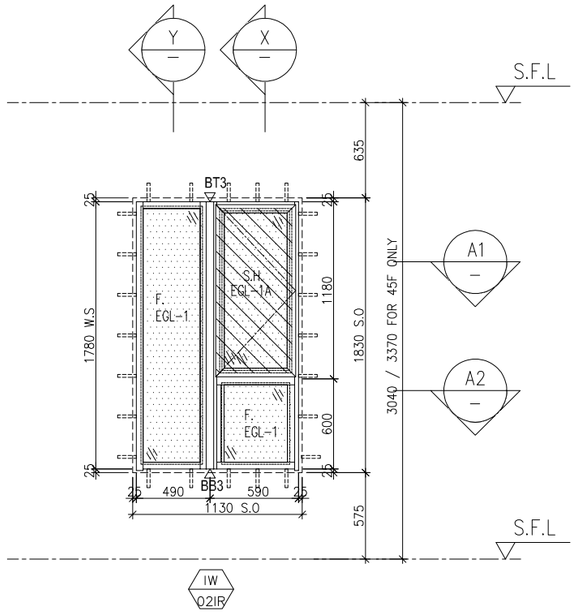
DRAWN BY : Ivan | CHECKED BY :

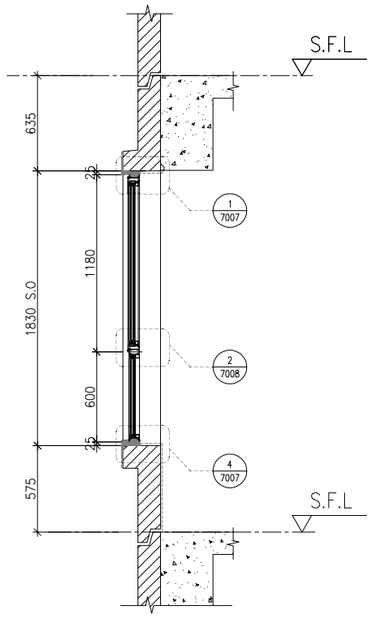
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-5320 | REV. : D

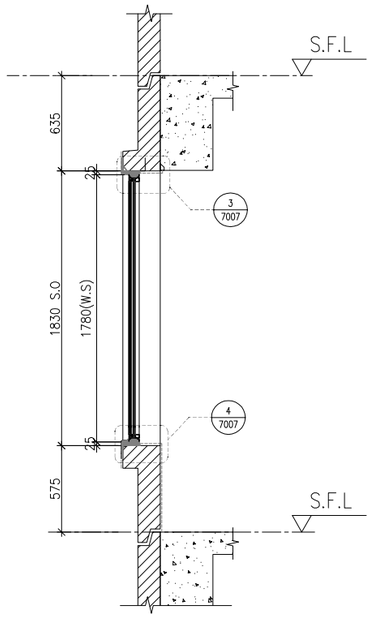
LOCATION	REQUIRE		PROVIDED	
	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A3-BR2	0.263	0.420	0.525	1.294

ELEVATION

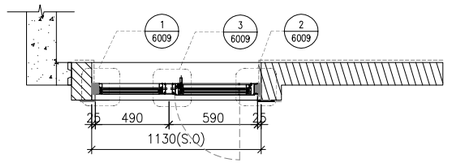




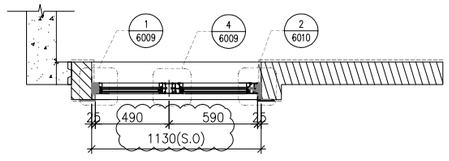
X PART SECTION



Y PART SECTION



A1 PART PLAN



A2 PART PLAN

FACADE CODE		
LWK	鴻輝	UNIT
PF-02iR	T3PF-05	A3

WINDOW MARK	IW 02iR PREAST WINDOW CHANGE TO IN-SITU WINDOW
LOCATION	10/F,16/F,20/F,25/F,29/F,33/F,38/F,42/F UNIT A3
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1,EGL-1A
QUANTITY	8 Nos
REMARKS	FACADE(TYPE T3PF02R FOR 3/F~45/F) ,4 BAR HINGE-LIP HING (HHMS-N16)

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 :
怡輝建築有限公司 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 / X001 — 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.
EGL-1B-8mmHS+12mm AIR GAP+10mmTP CLEAR TEMPERED ACID ETCHED THK. I.G.U.
GLAZING AREA
OPENABLE AREA
BT1/BB1-FIXING DETAIL (DWG. NO. FD01)
BT3/BB3-FIXING DETAIL (DWG. NO. FD03)

NO.	DATE	REVISED	BY
B	26/04/2023	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	09/01/2023	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.

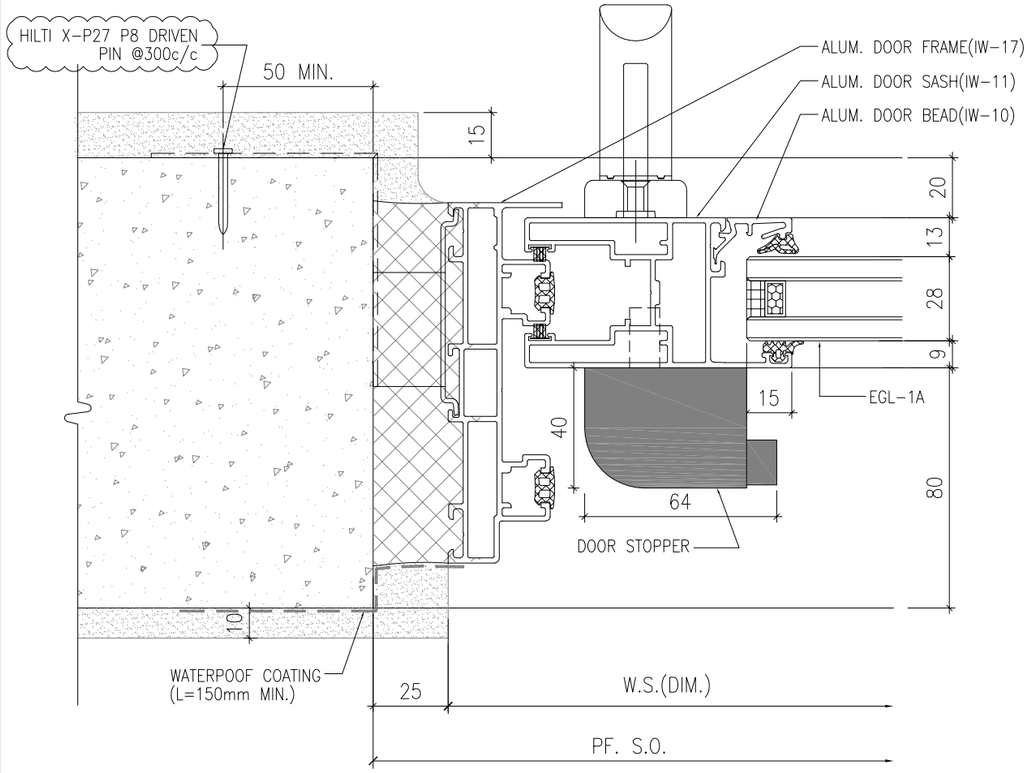
TITLE :
WINDOW SCHEDULE FOR TOWER 3 ALUM. WINDOW

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

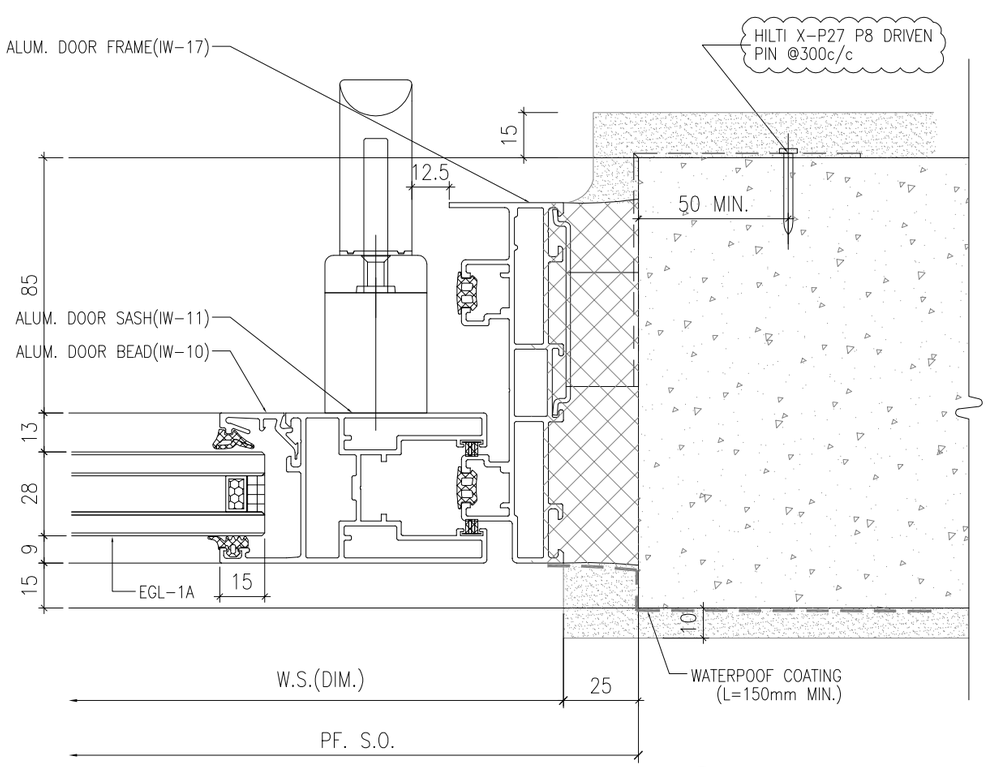
DRAWN BY : Ivan | CHECKED BY :

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

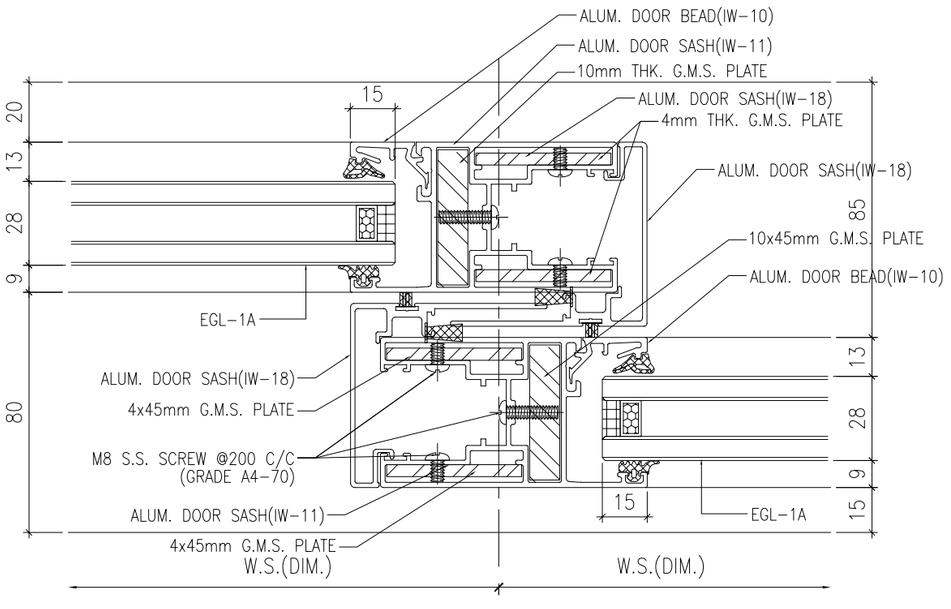
DWG NO. : J856-SD-PW-5321 | REV. : B



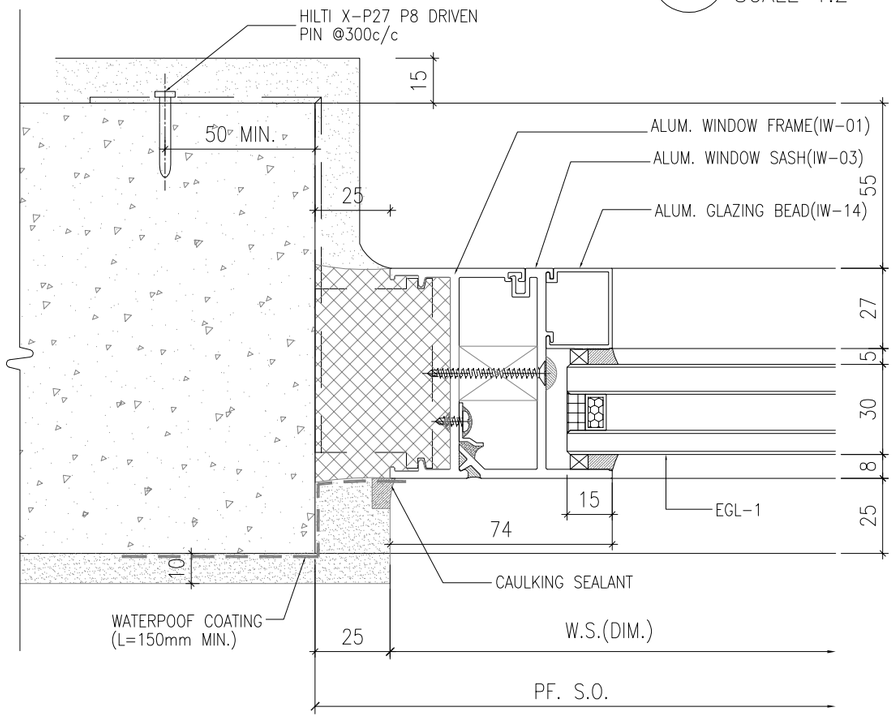
1 / - HORIZONTAL DETAIL
SCALE 1:2



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 :
怡輝建築有限公司
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 / X001 — 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-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
C	30/05/2023	REVISIE DRIVEN PIN	Ivan
B	28/07/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan
A	10/11/2021	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.

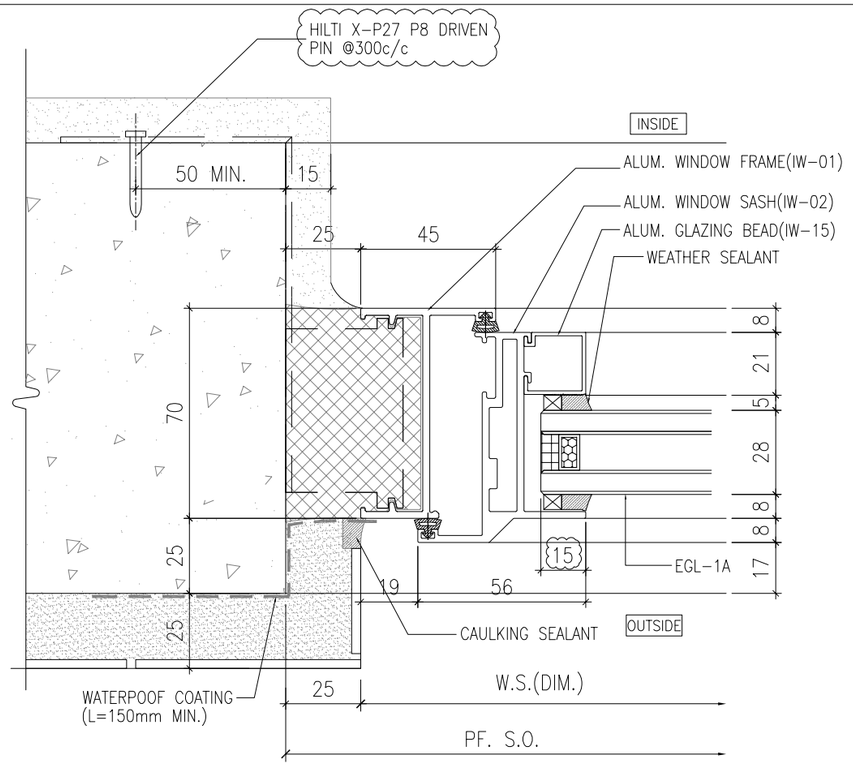
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

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

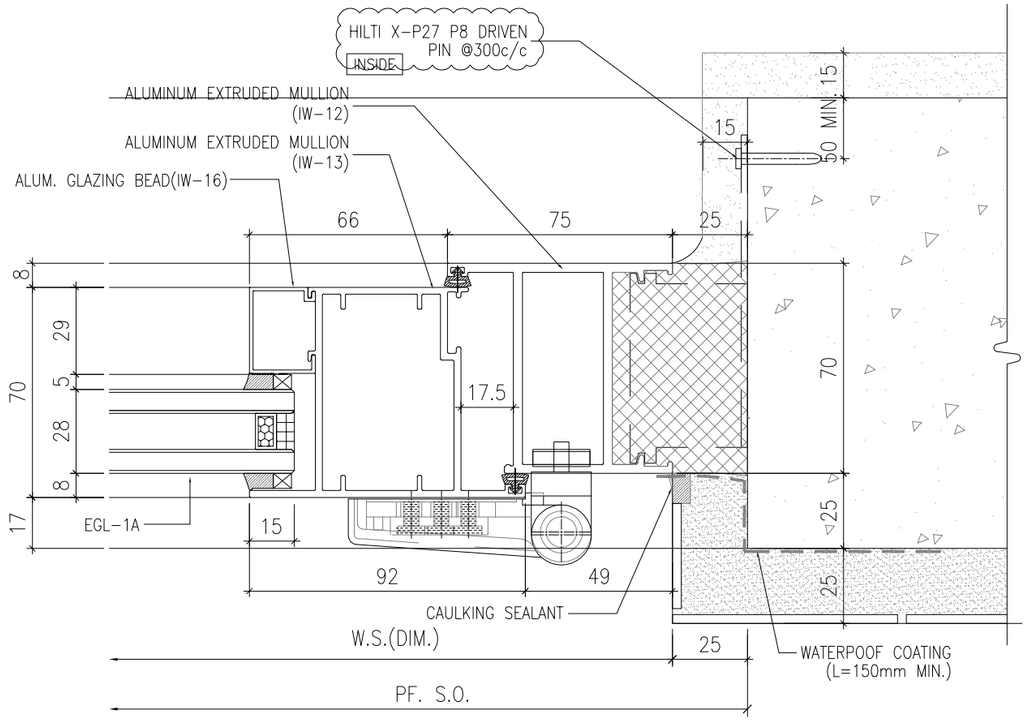
DRAWN BY : Ivan | CHECKED BY :

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

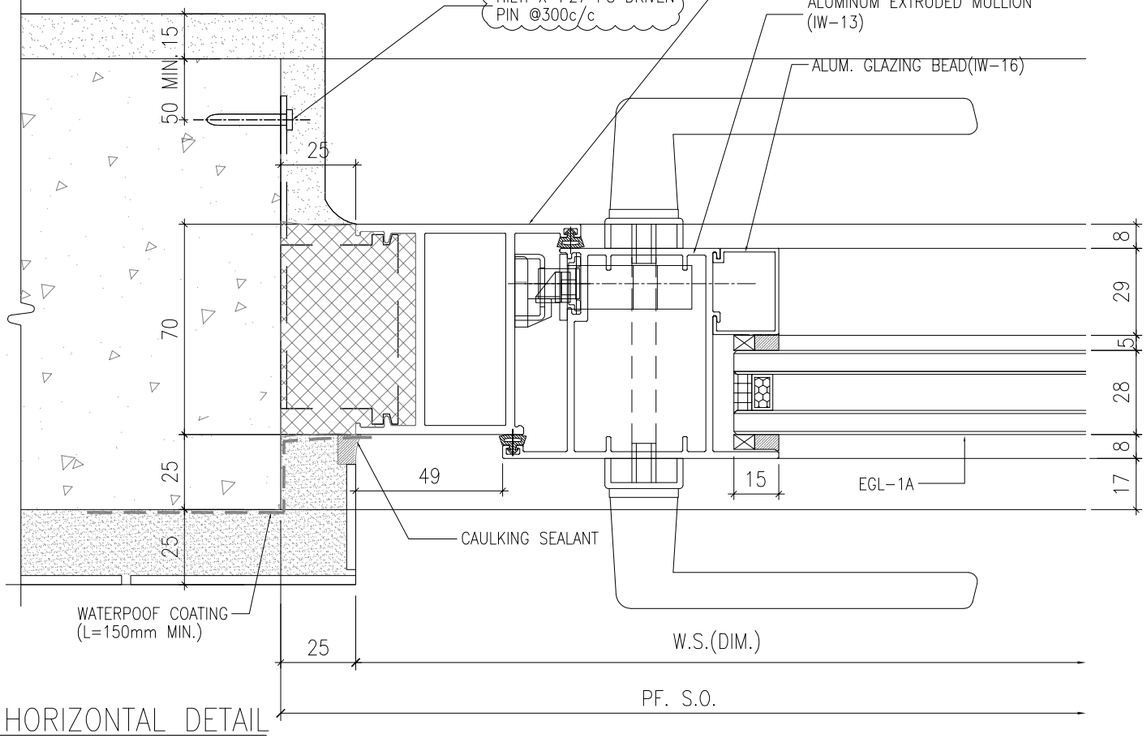
DWG NO. : J856-SD-IW-6001 | REV. : C



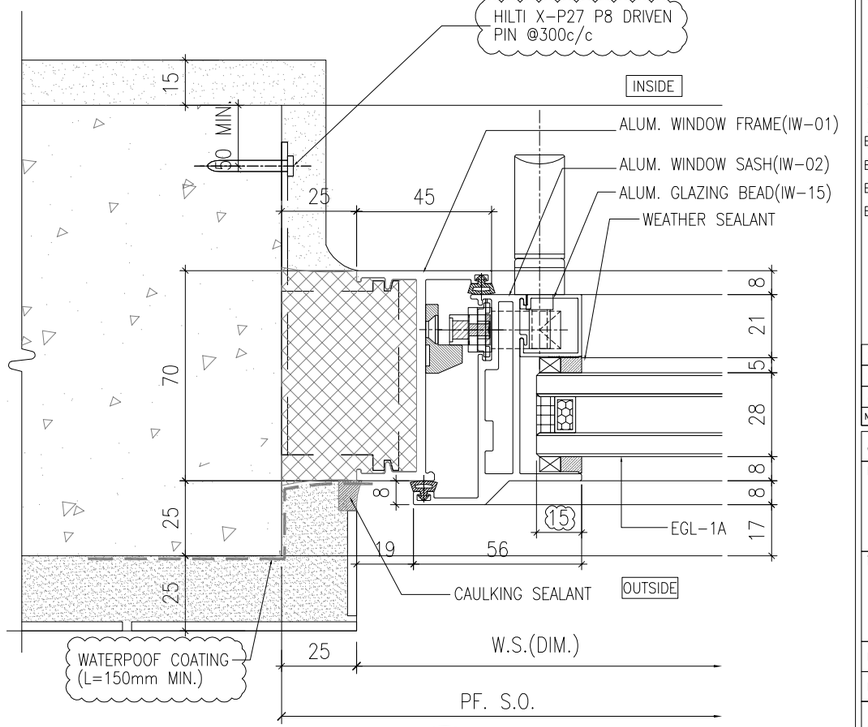
1 HORIZONTAL DETAIL
SCALE 1:2



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 :
怡輝建築有限公司
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
C	30/05/2023	REVISIE DRIVEN PIN	Ivan
B	28/07/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan
A	10/11/2021	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.

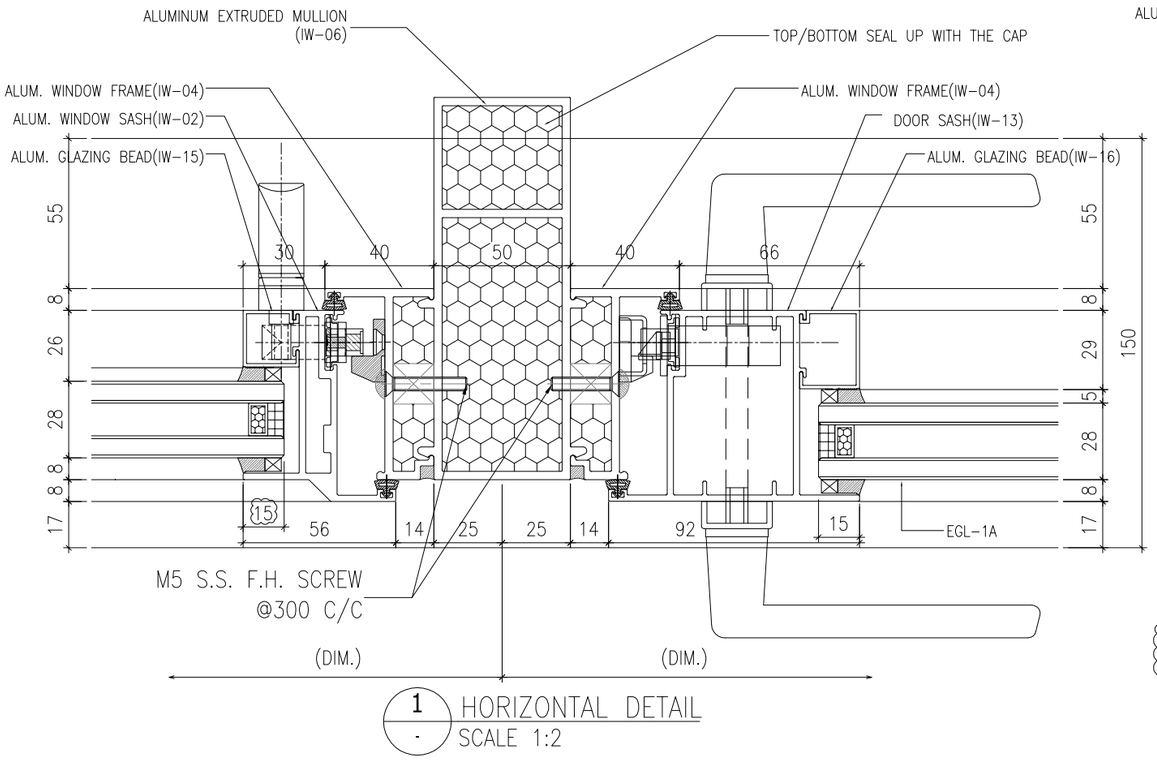
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

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

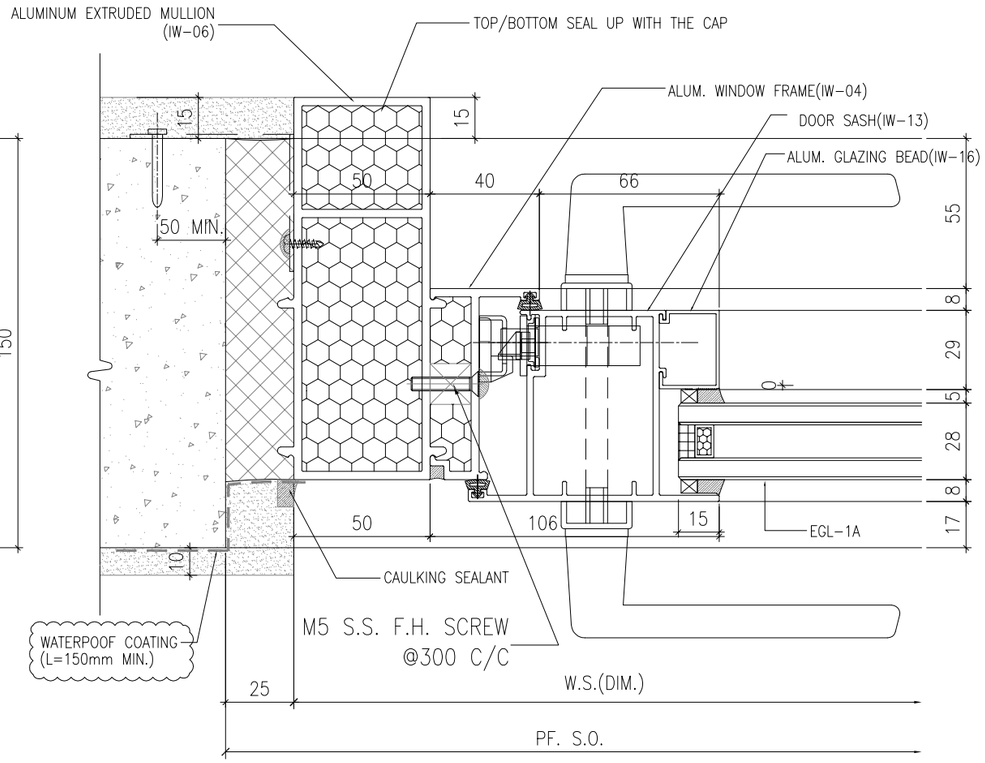
DRAWN BY : Ivan | CHECKED BY :

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

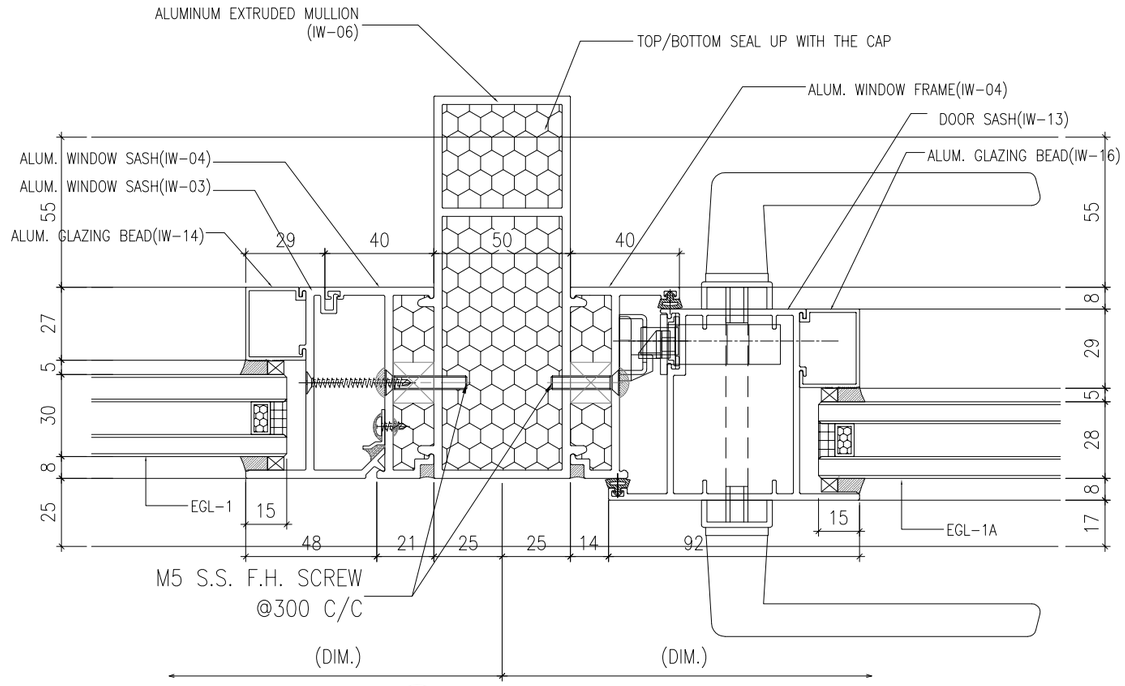
DWG NO. : J856-SD-IW-6002 | REV. : C



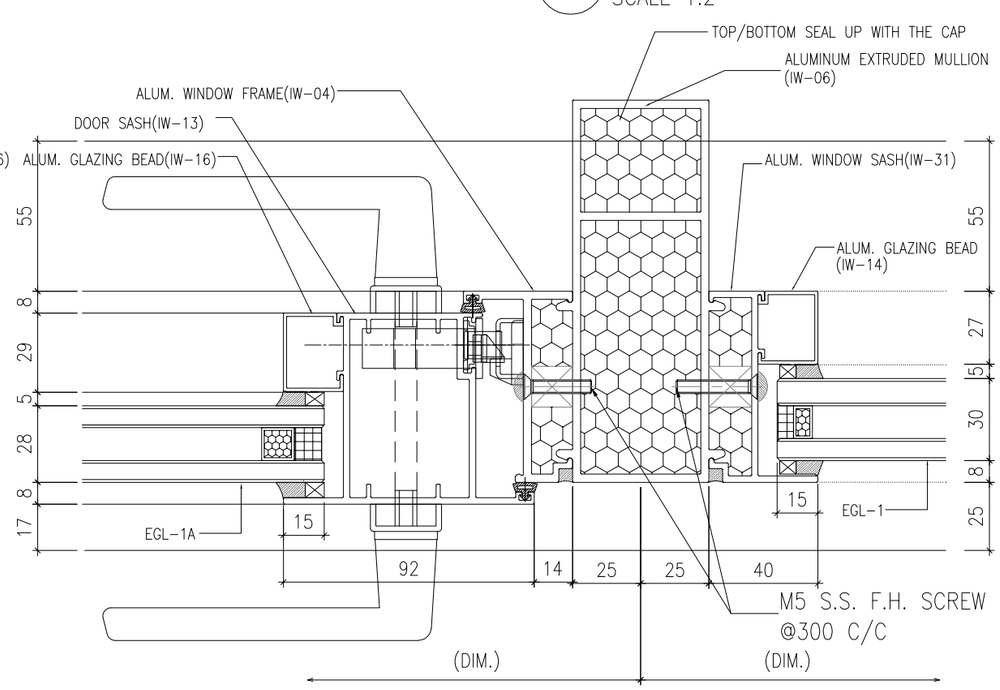
1 - HORIZONTAL DETAIL
SCALE 1:2



3 - HORIZONTAL DETAIL
SCALE 1:2



2 - 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
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
B	28/07/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan
A	10/11/2021	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.

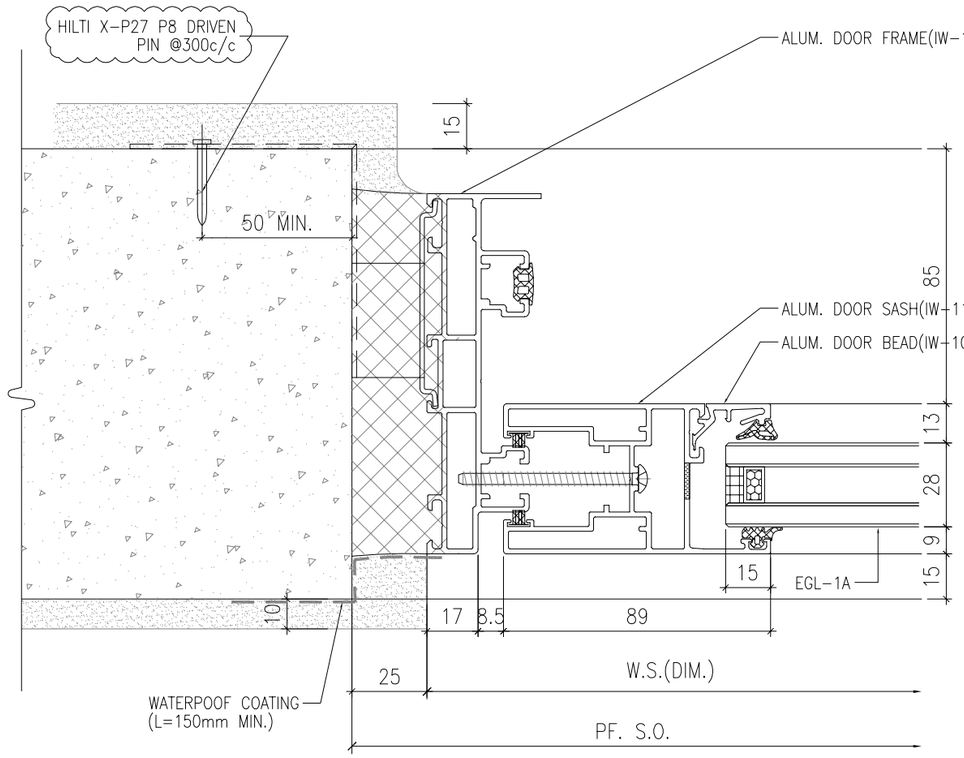
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

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

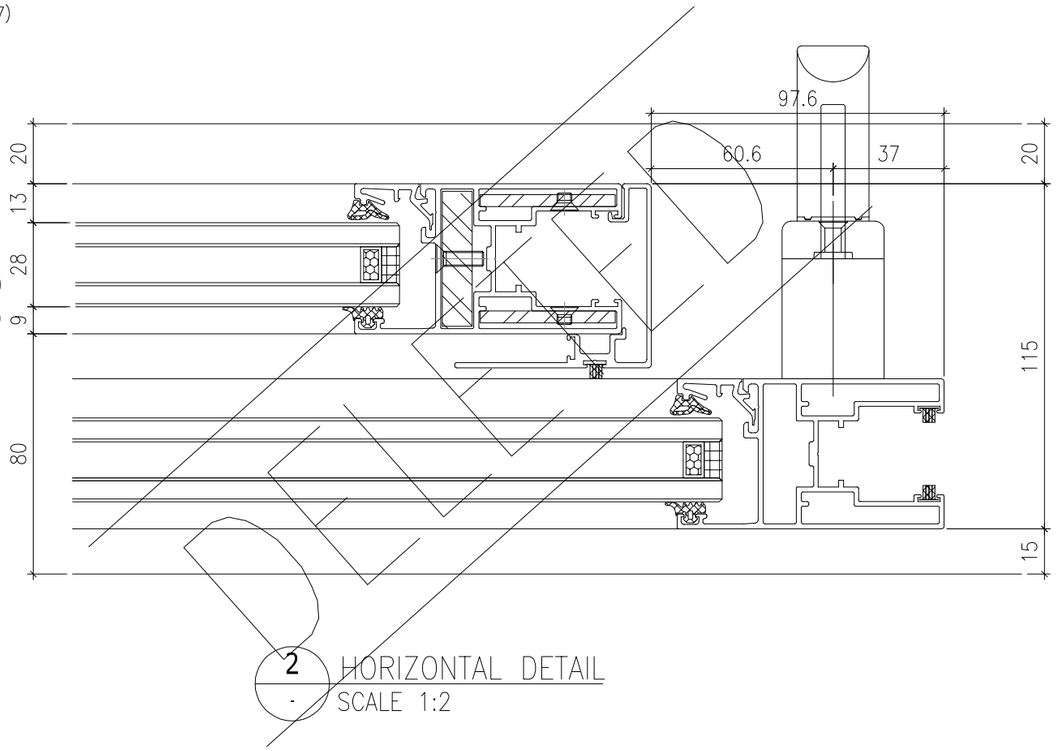
DRAWN BY : Ivan | CHECKED BY :

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

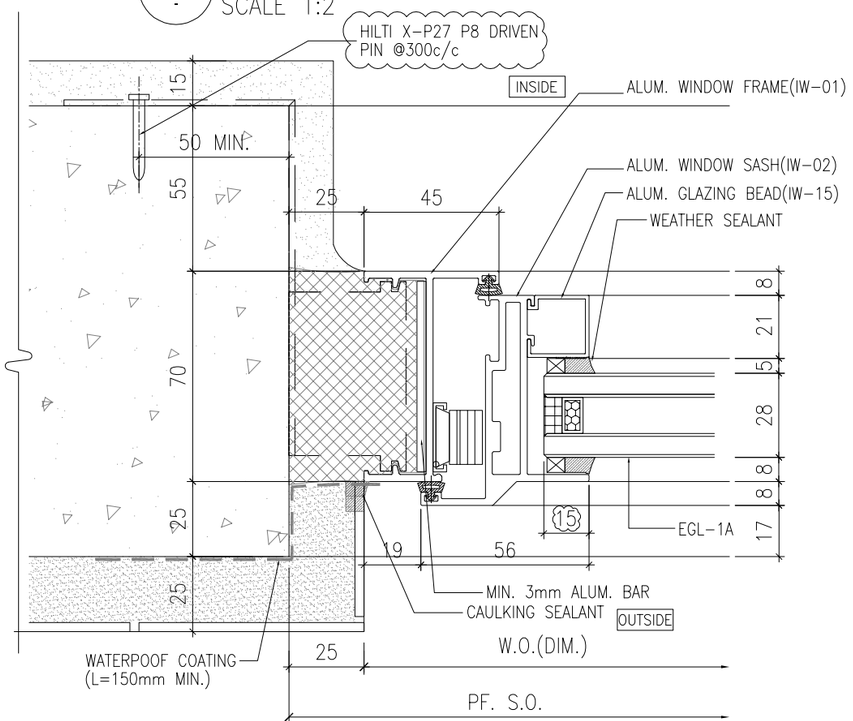
DWG NO. : J856-SD-IW-6003 | REV. : B



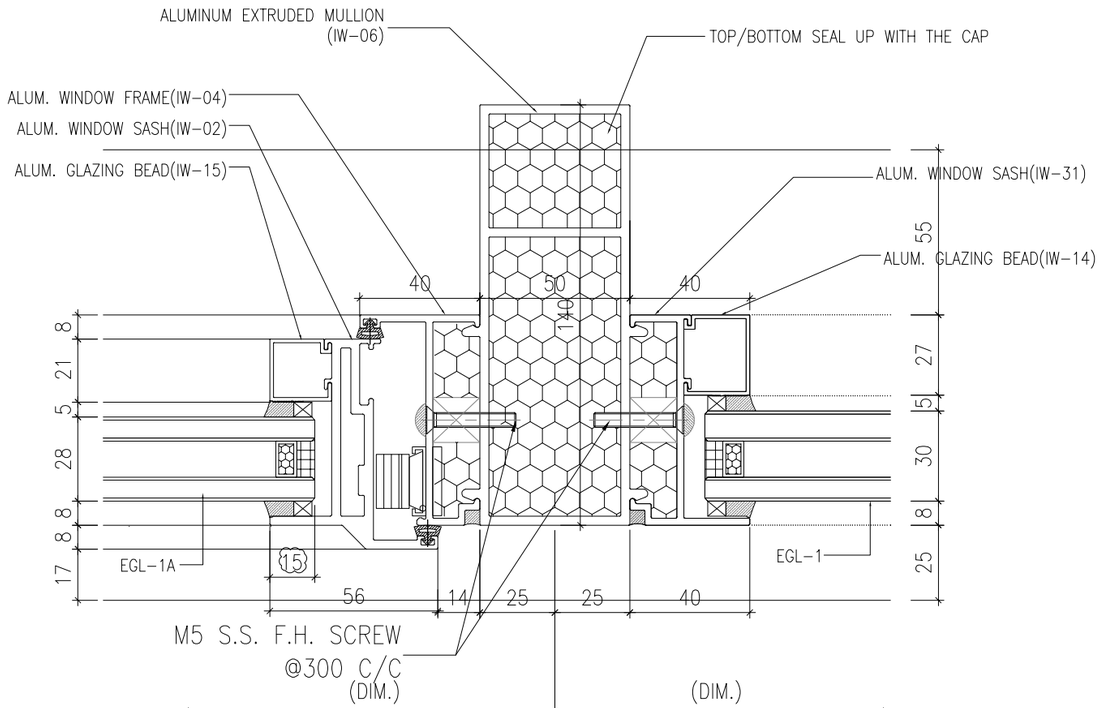
1 - HORIZONTAL DETAIL
SCALE 1:2



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
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
E	30/05/2023	REVISIE DRIVEN PIN	Ivan
D	28/07/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

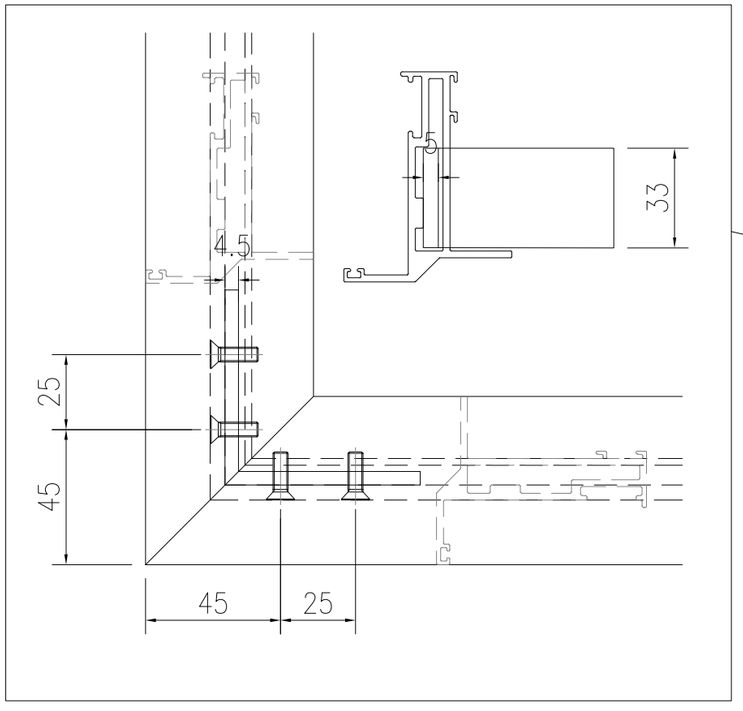
TITLE :
FIXING DETAILS FOR IN-SITU WINDOW

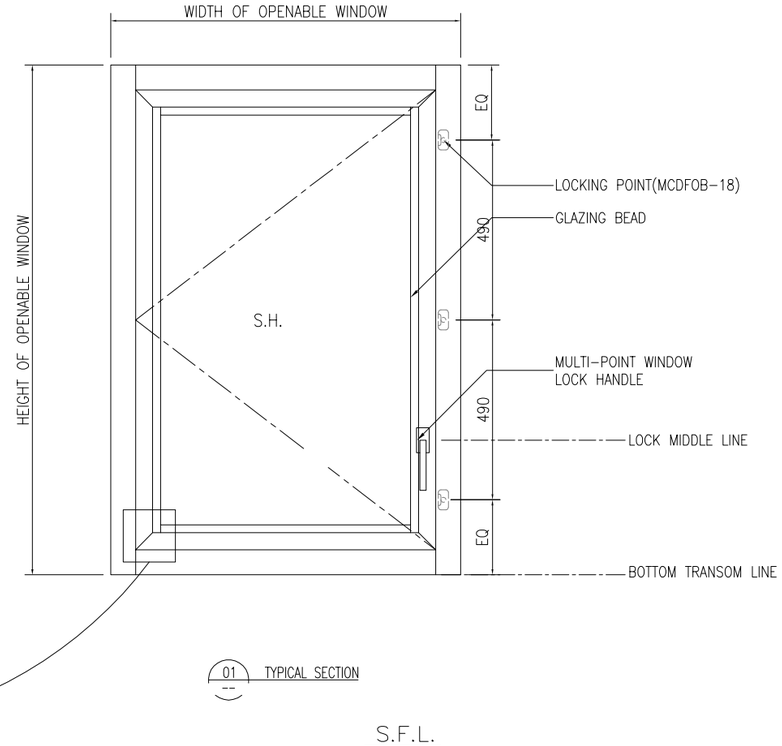
DATE : 02-Aug-21 | SCALE : 1:40
DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-6004 | REV. : E

70窗





01 TYPICAL SECTION

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 :
怡輝建築有限公司 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 / X001 — 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-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
A	10/11/2021	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.

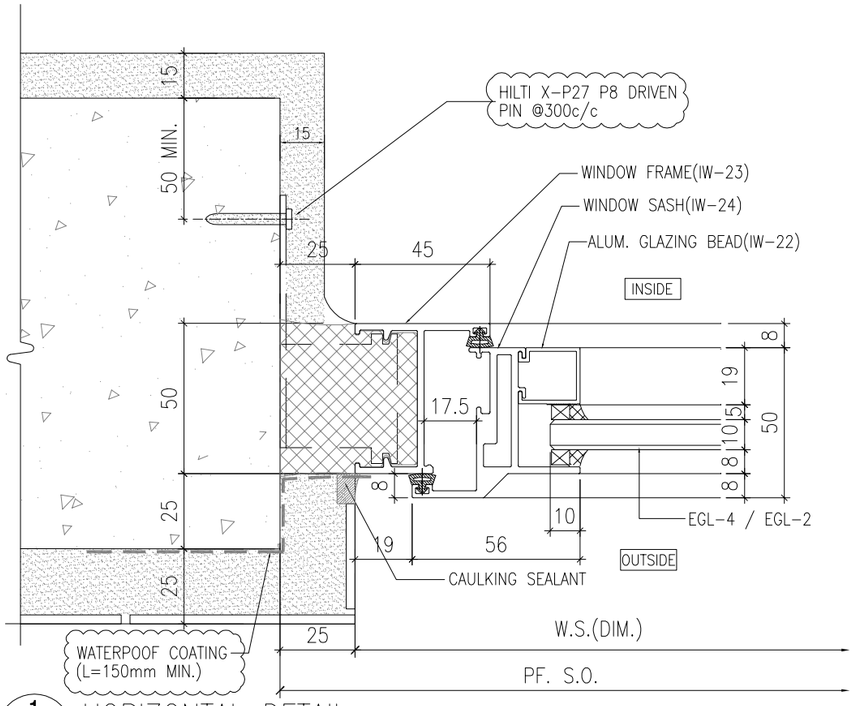
TITLE :
IN-SITU WINDOW SECTION
TYPICAL LOCK & HINGES DETAIL

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

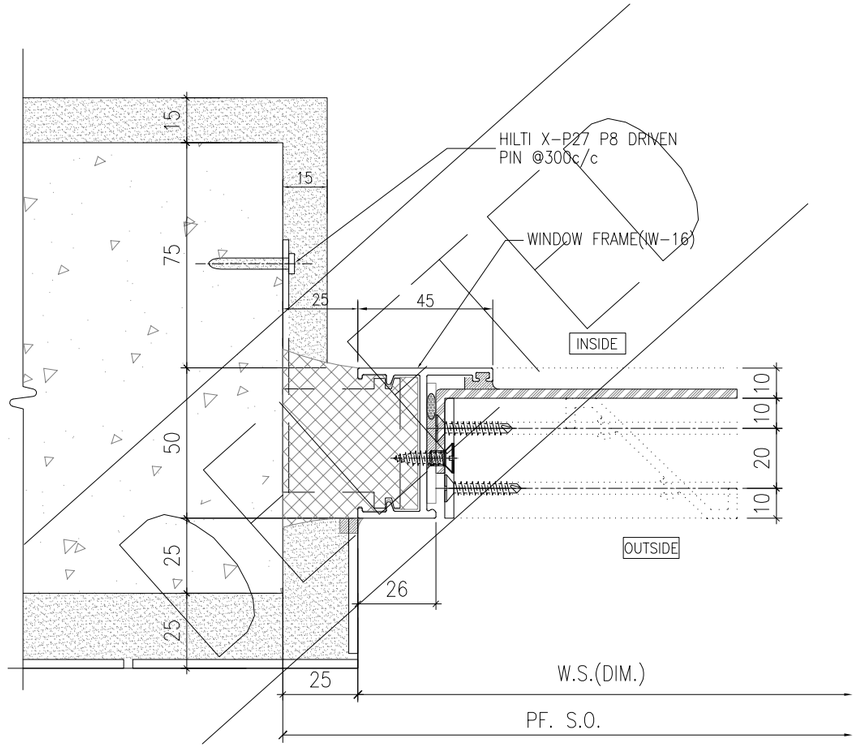
DRAWN BY : Ivan | CHECKED BY :

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

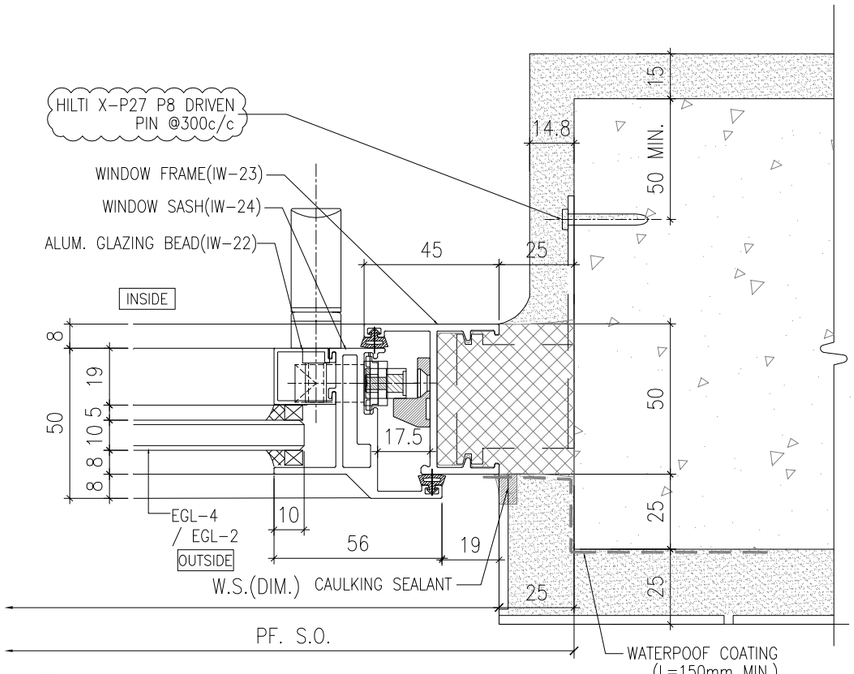
DWG NO. : J856-SD-IW-6005 | REV. : A



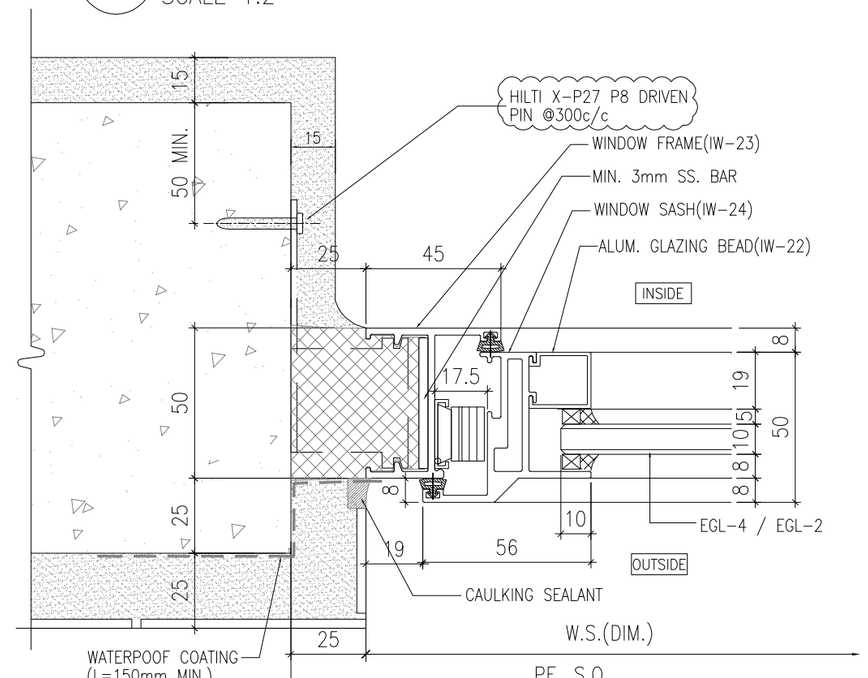
1 - HORIZONTAL DETAIL
SCALE 1:2



3 - HORIZONTAL DETAIL
SCALE 1:2



2 - 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 :
怡輝建築有限公司 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 / X001 — 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-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
D	30/05/2023	REVISION SUBJECT TO ALPHA COMMENT	Ivan
C	28/07/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan
B	23/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan

JOB NO. : J-856

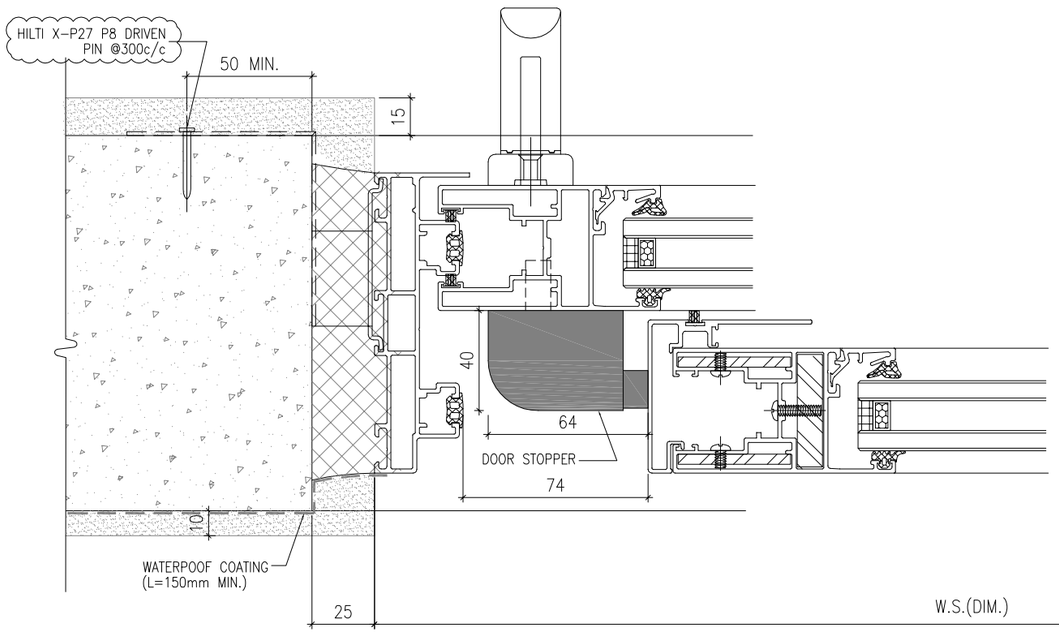
PROJECT :
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

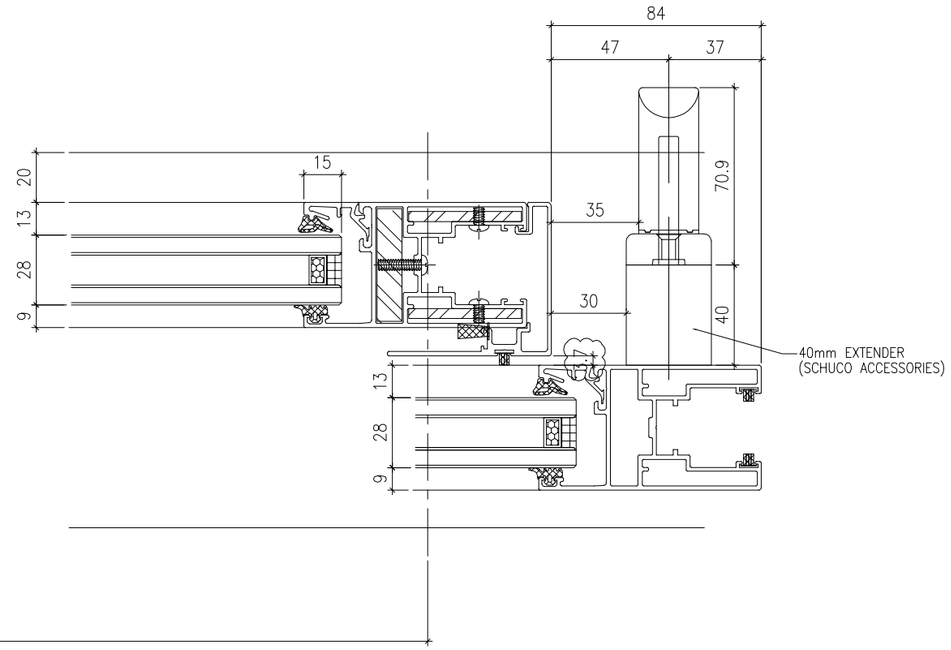
DATE : 02-Aug-21 | SCALE : 1:40
DRAWN BY : Ivan | CHECKED BY :

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

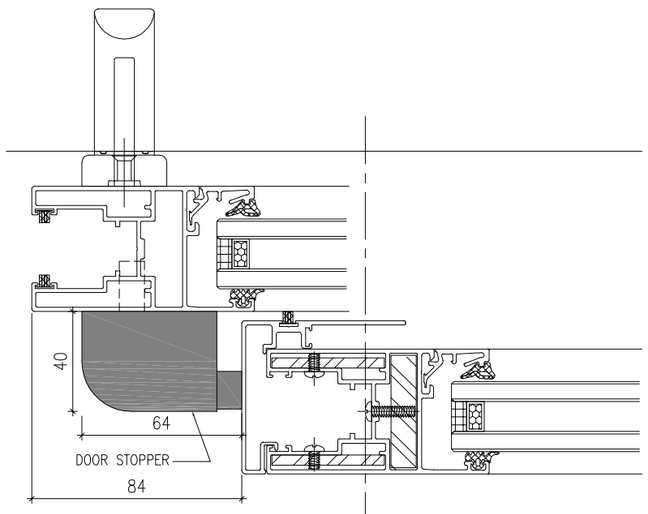
DWG NO. : J856-SD-IW-6006 | REV. : D



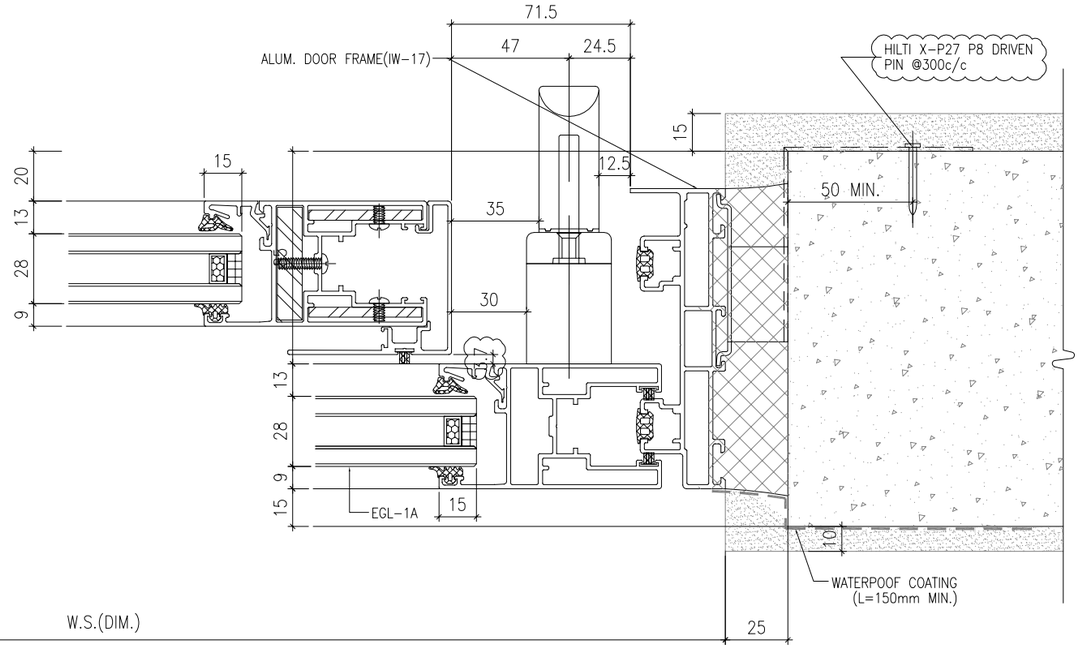
1 / - HORIZONTAL DETAIL
SCALE 1:2



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
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
E	30/05/2023	REVISIE DRIVEN PIN	Ivan
D	16/02/2023	REVISION SUBJECT TO ALPHA COMMENT	Ivan
C	15/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	23/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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 :
G.M.S FIXING LUG TYPICAL DETAIL FOR IN-SITU WINDOW

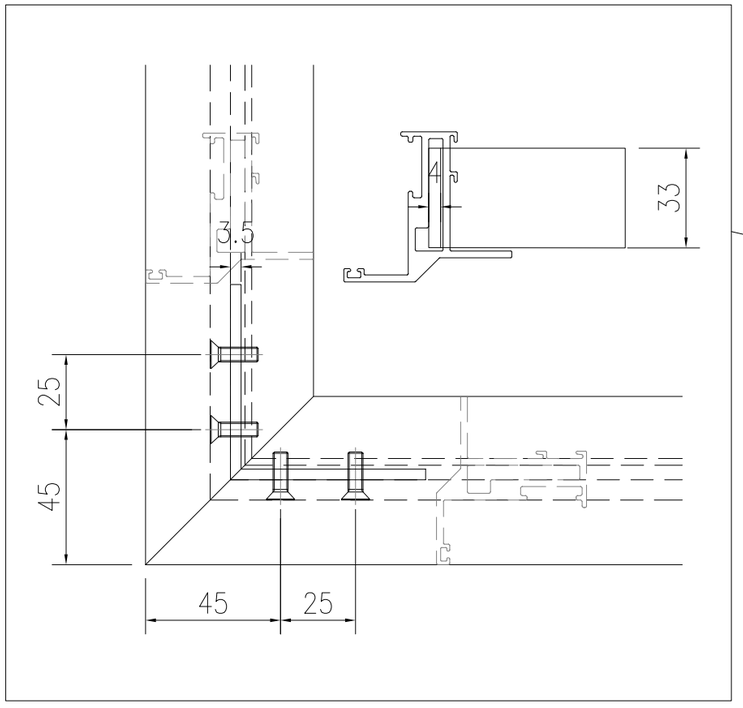
DATE : 02-Aug-21 | SCALE : 1:60

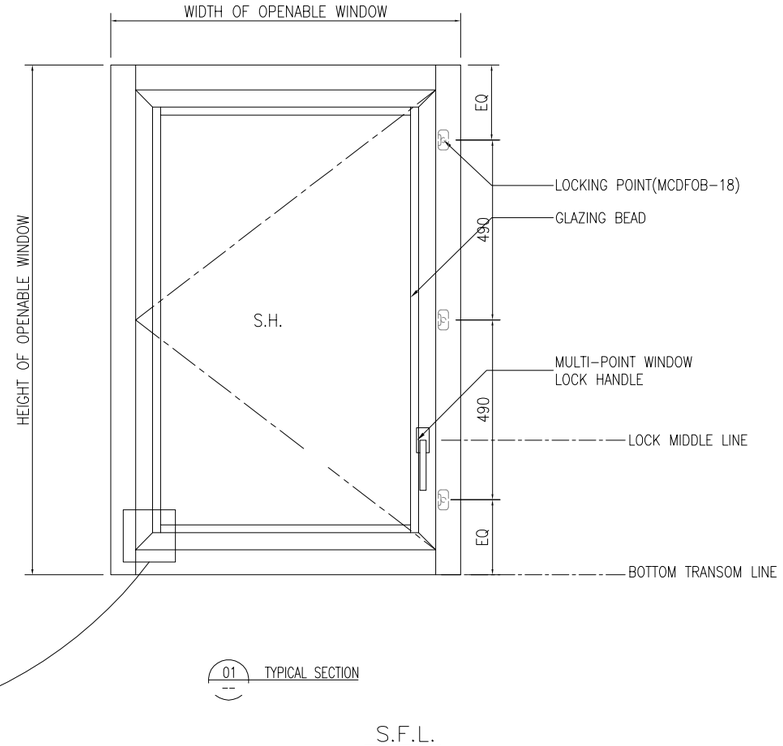
DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-6007 | REV. : E

50窗





01 TYPICAL SECTION

S.F.L.

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
A	10/11/2021	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.

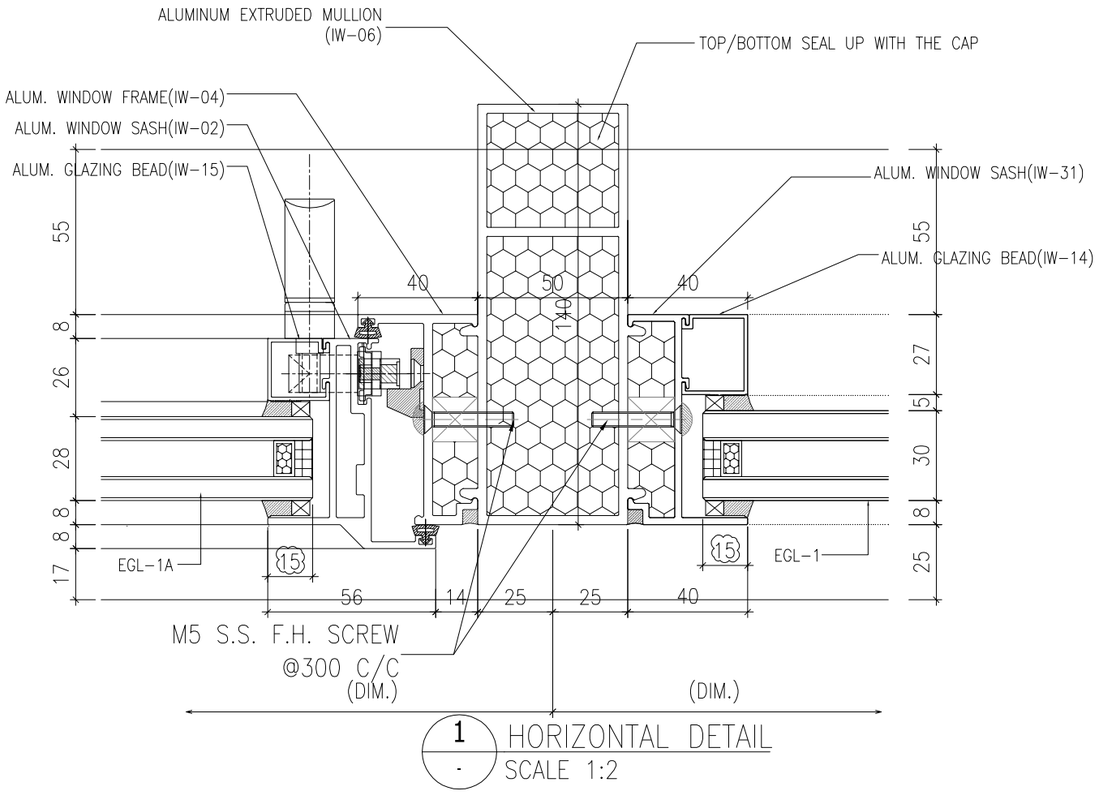
TITLE :
IN-SITU WINDOW SECTION
TYPICAL LOCK & HINGES DETAIL

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

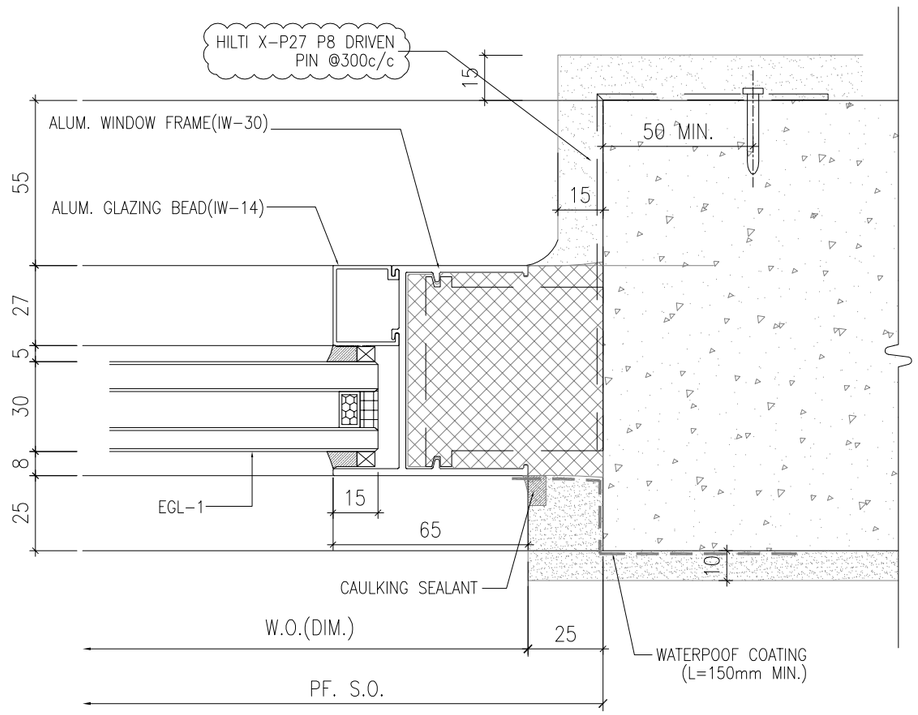
DRAWN BY : Ivan | CHECKED BY :

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

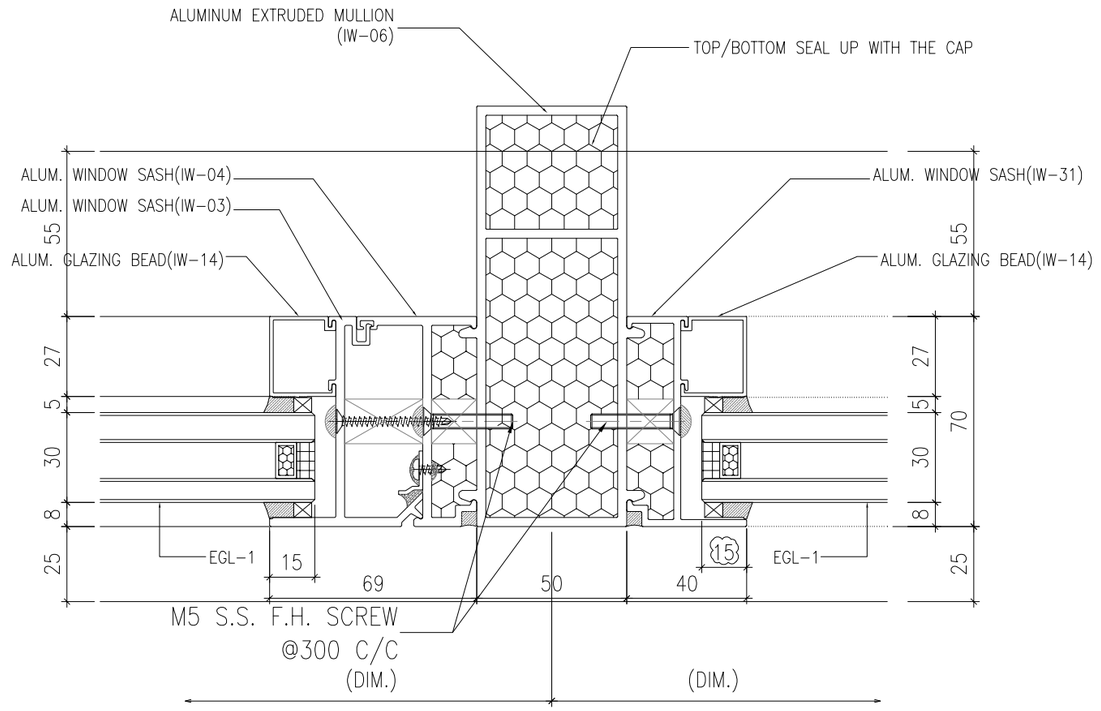
DWG NO. : J856-SD-IW-6007a | REV. : A



1 / - HORIZONTAL DETAIL
SCALE 1:2



2 / - HORIZONTAL DETAIL
SCALE 1:2



3 / - 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
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
B	30/05/2022	REVISIE DRIVEN PIN	Ivan
A	28/07/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan

JOB NO. : J-856

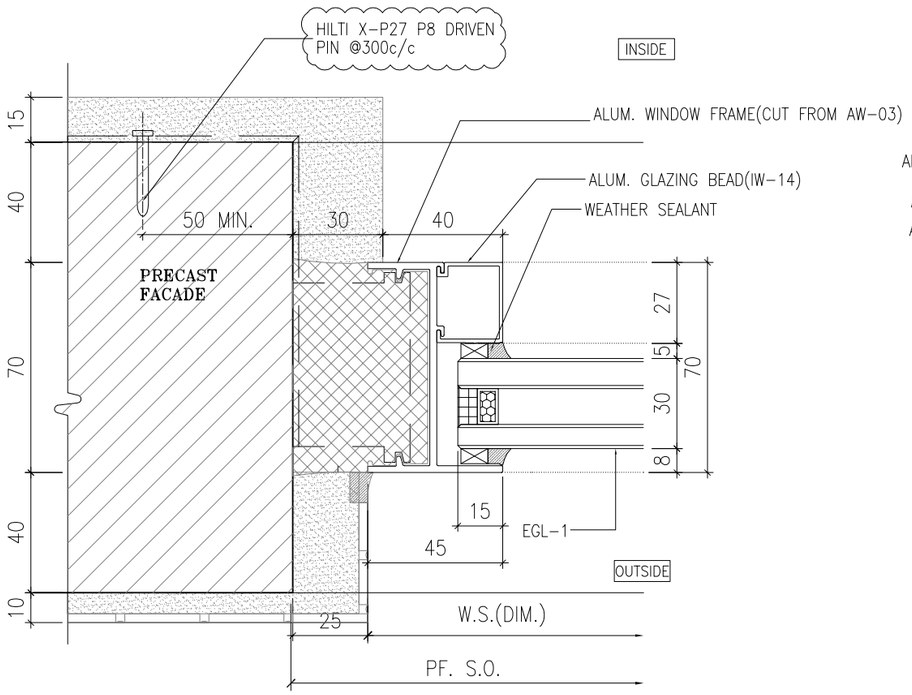
PROJECT :
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

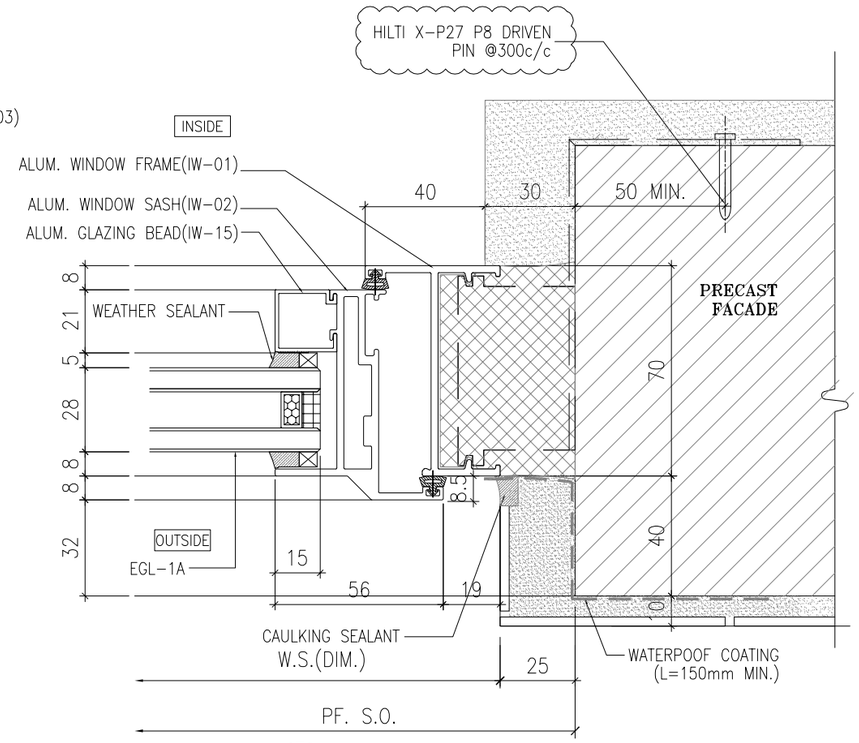
DATE : 20-Jun-22 | SCALE : 1:40
DRAWN BY : Ivan | CHECKED BY :

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

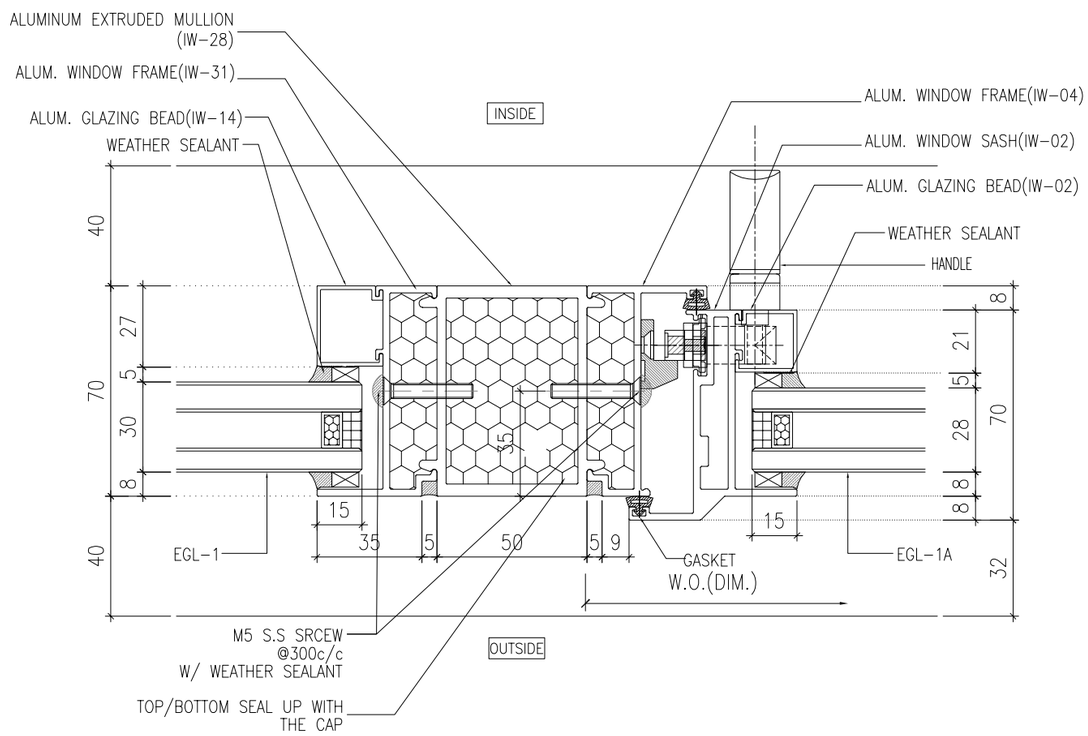
DWG NO. : J856-SD-IW-6008 | REV. : B



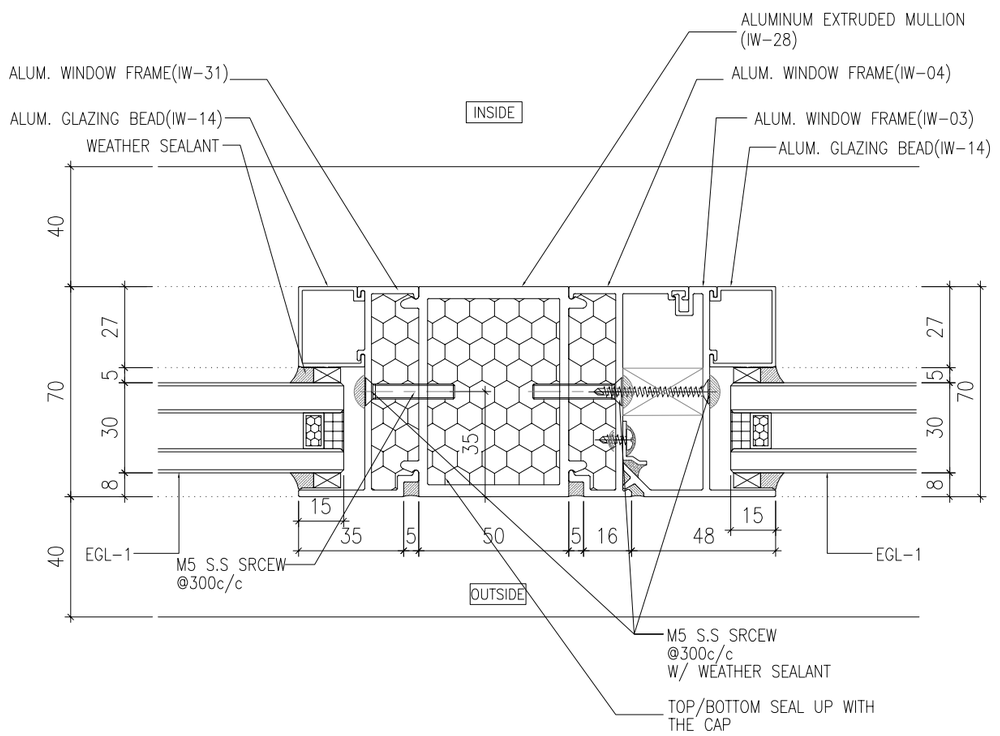
1 - HORIZONTAL DETAIL
SCALE 1:2



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 :
怡輝建築有限公司
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 / X001 — 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-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
A	30/05/2023	REVISIE DRIVEN PIN	Ivan

JOB NO. : J-856

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

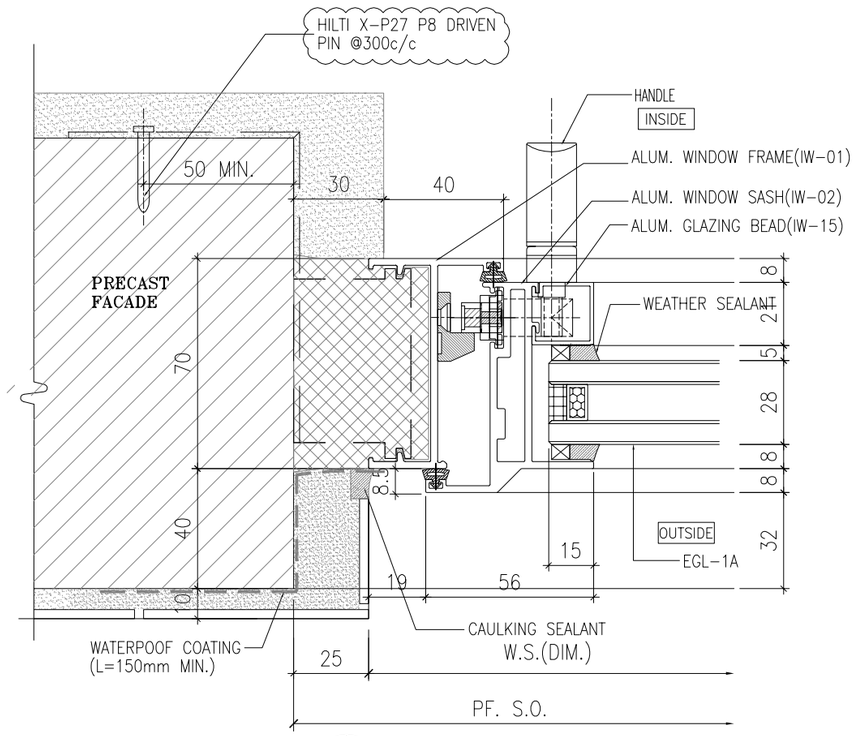
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

DATE : 20-Jun-22 | SCALE : 1:40

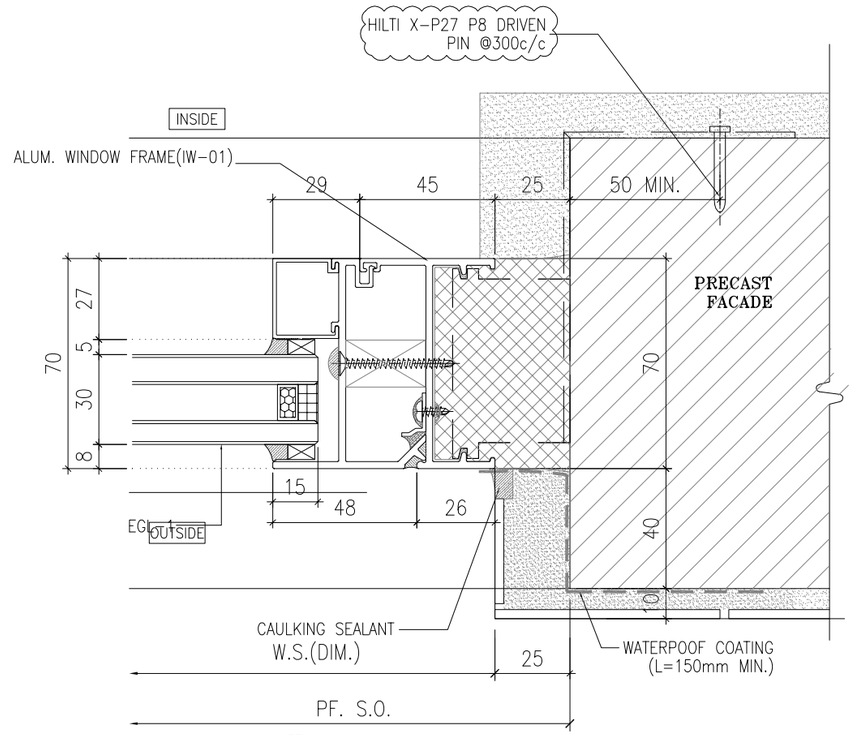
DRAWN BY : Ivan | CHECKED BY :

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

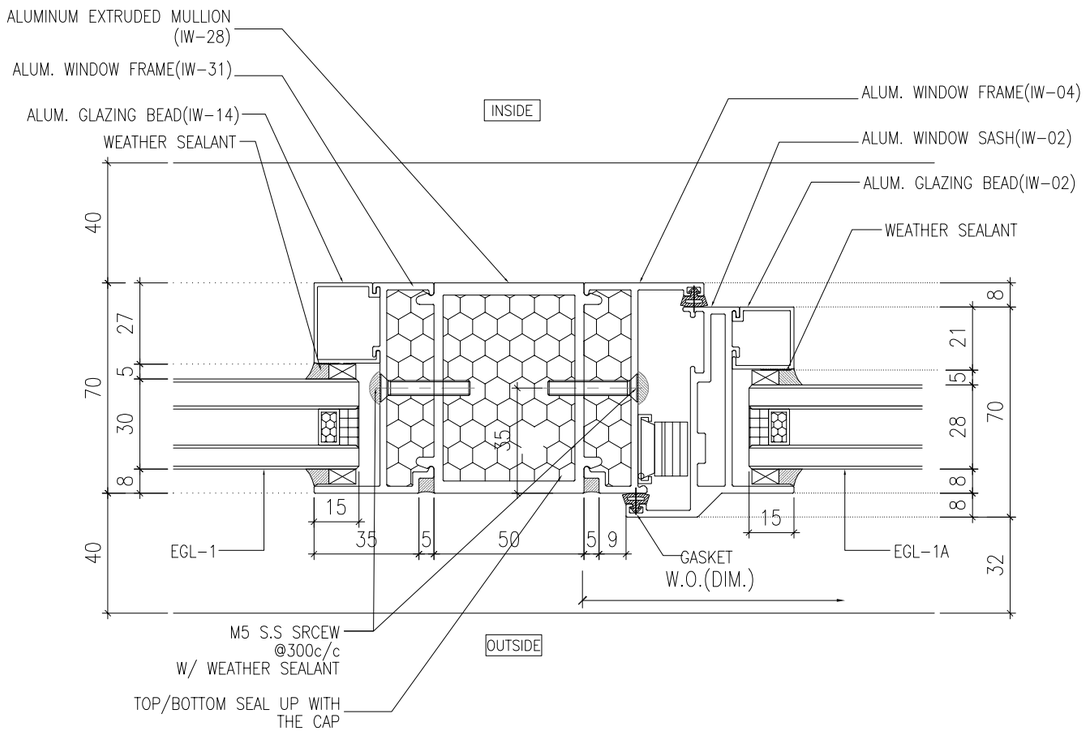
DWG NO. : J856-SD-IW-6009 | REV. : A



1 - HORIZONTAL DETAIL
SCALE 1:2



2 - HORIZONTAL DETAIL
SCALE 1:2



3 - 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
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
A	30/05/2023	REVISIE DRIVEN PIN	Ivan

JOB NO. : J-856

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

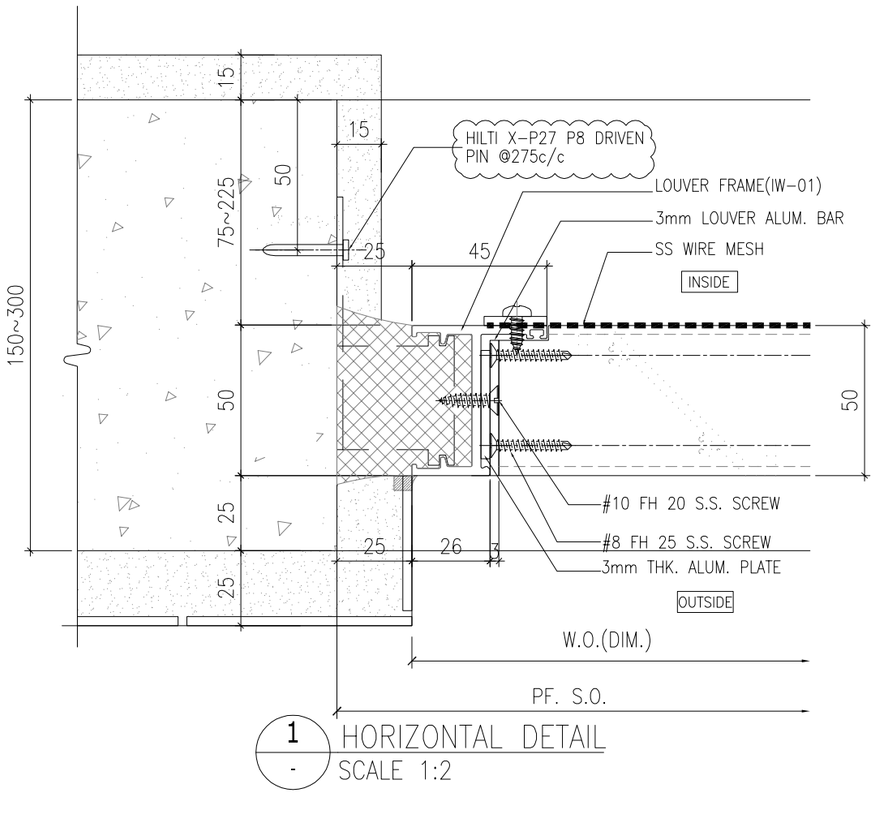
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

DATE : 20-Jun-22 | SCALE : 1:40

DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-6010 | REV. : A



1 / - 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
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
A	30/05/2023	REVISIE DRIVEN PIN	Ivan

JOB NO. : J-856

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

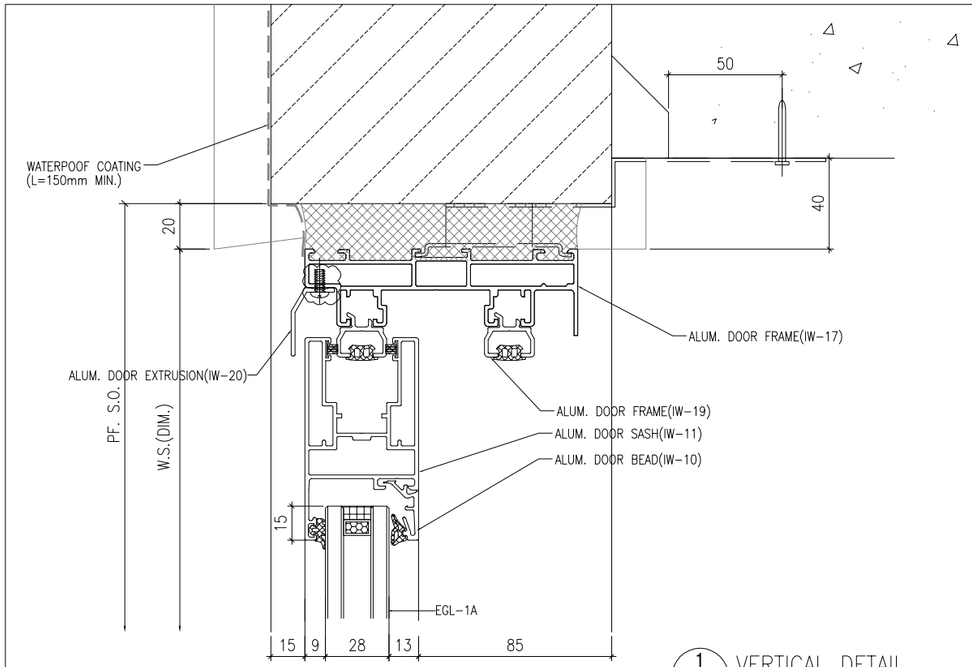
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

DATE : 20-Jun-22 | SCALE : 1:40

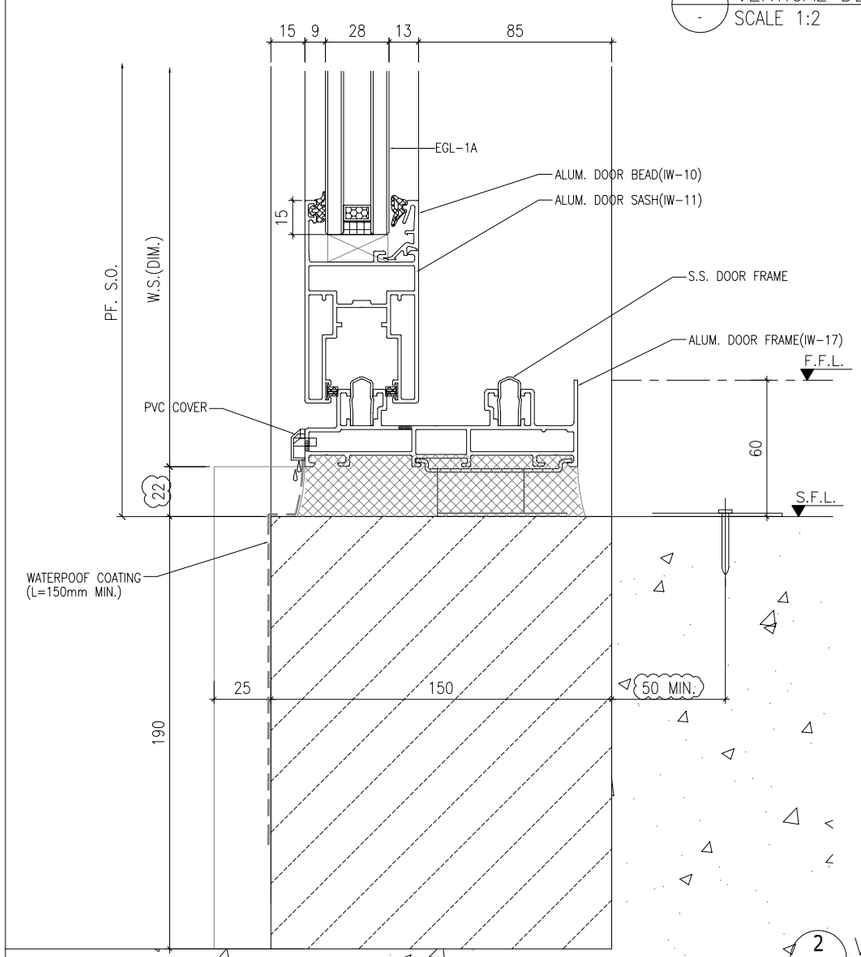
DRAWN BY : Ivan | CHECKED BY :

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

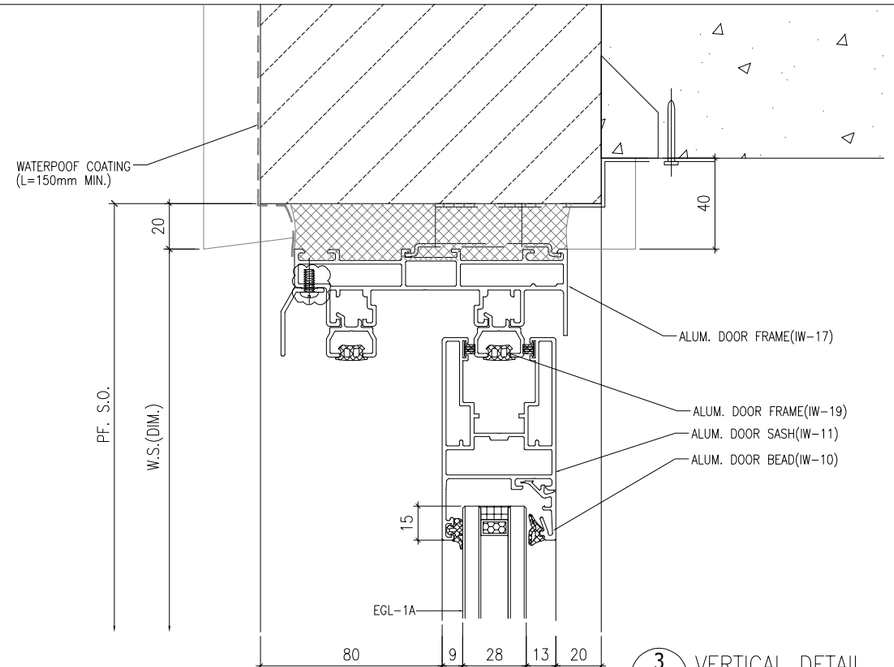
DWG NO. : J856-SD-IW-6011 | REV. : A



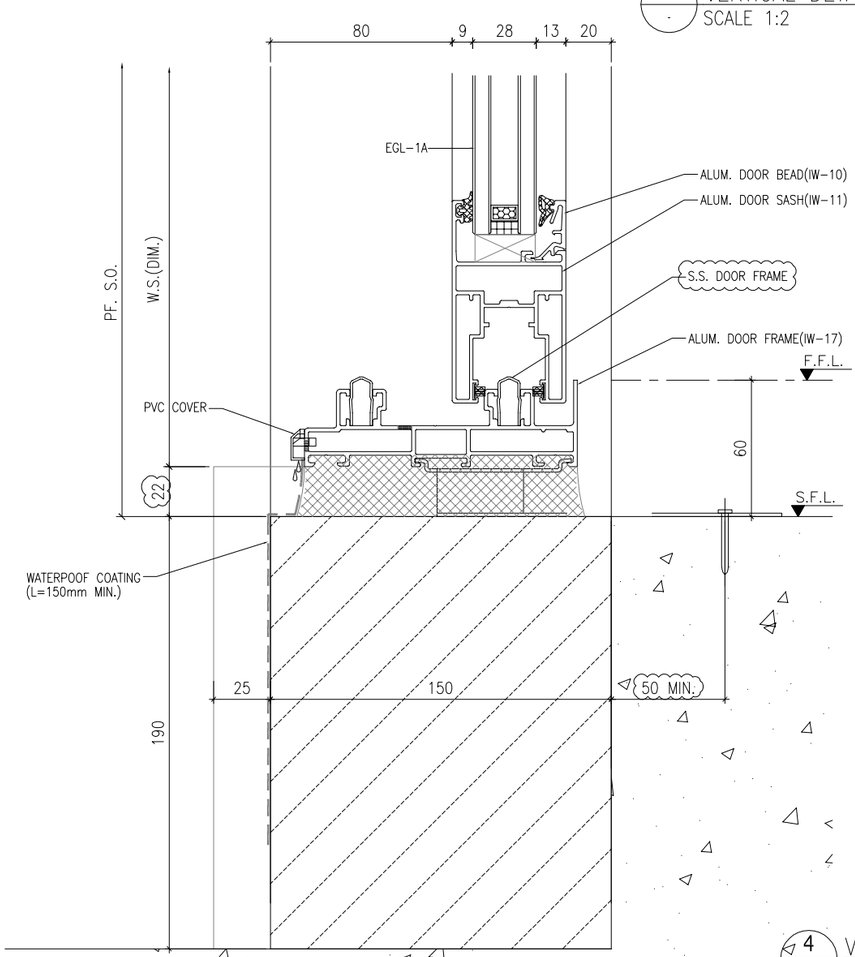
1 - VERTICAL DETAIL
SCALE 1:2



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 :
lwk&partners architects

MAIN CONTRACTOR :
怡輝建築有限公司
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
E	28/04/2023	REVISION SUBJECT TO ALPHA COMMENT	Ivan
D	28/02/2023	REVISION SUBJECT TO ALPHA COMMENT	Ivan
C	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

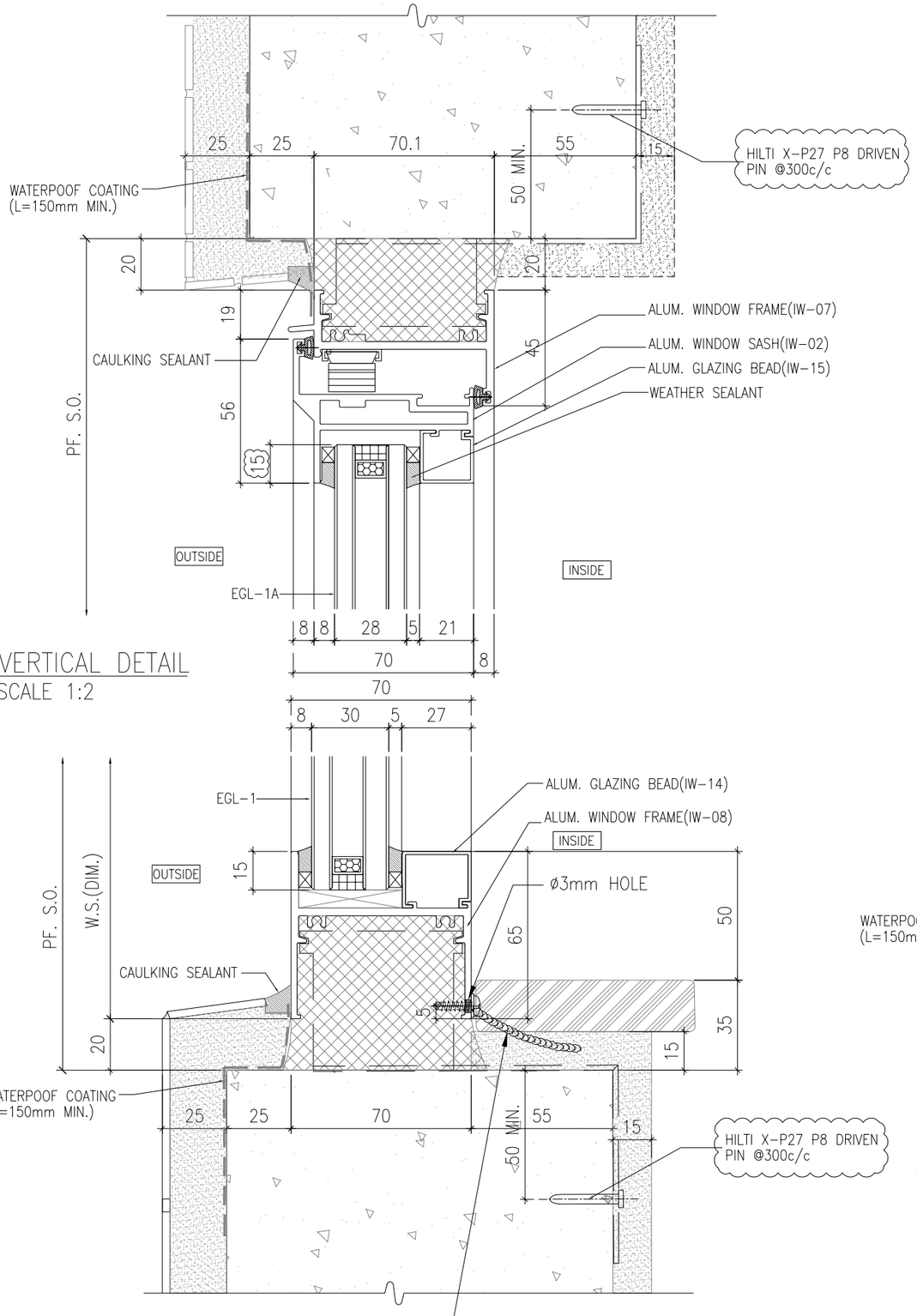
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

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

DRAWN BY : Ivan | CHECKED BY :

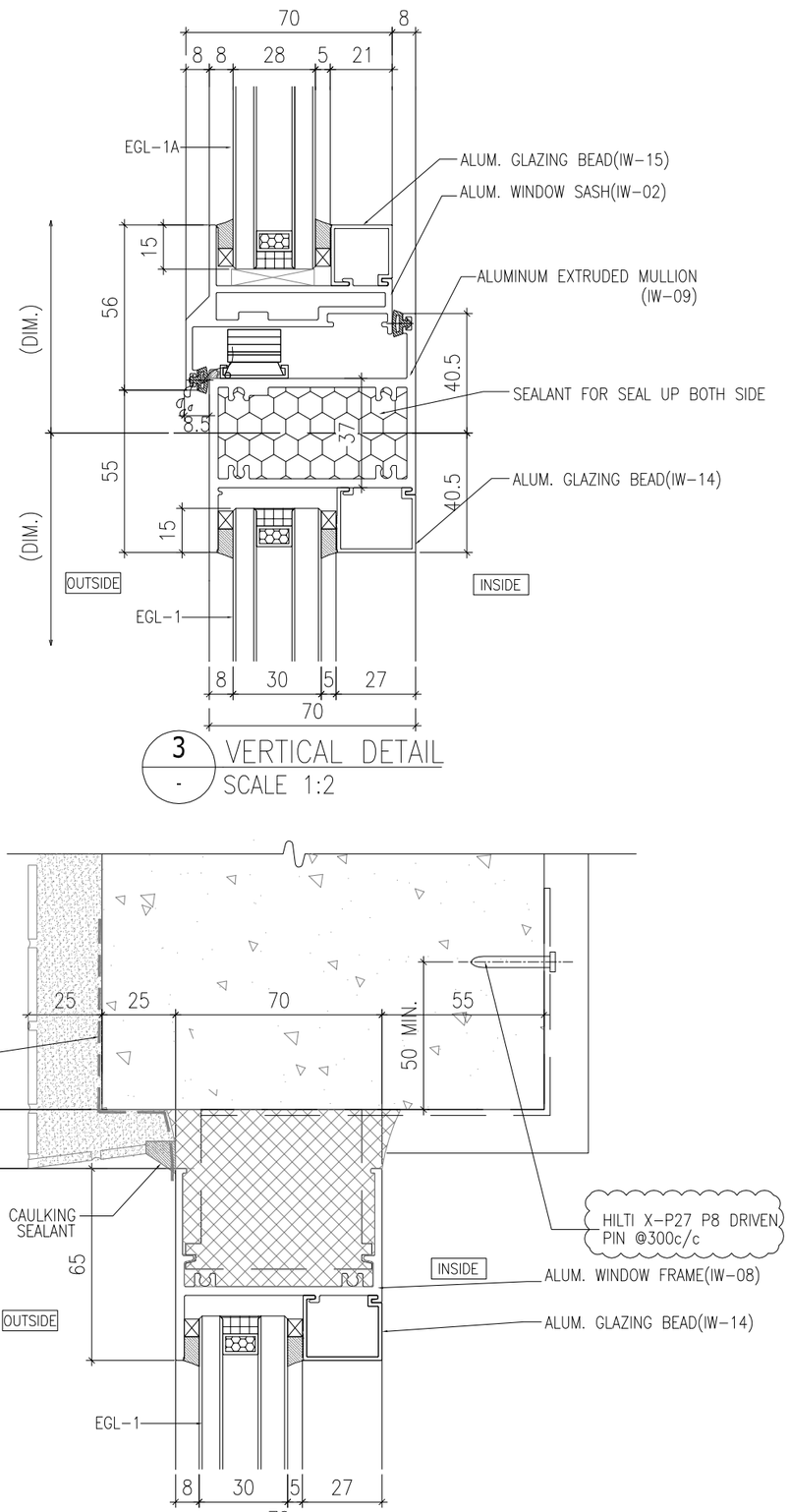
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-7001 | REV. : E



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 :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
E	30/05/2023	REVSIE DRIVEN PIN	Ivan
D	28/07/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
C	20/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

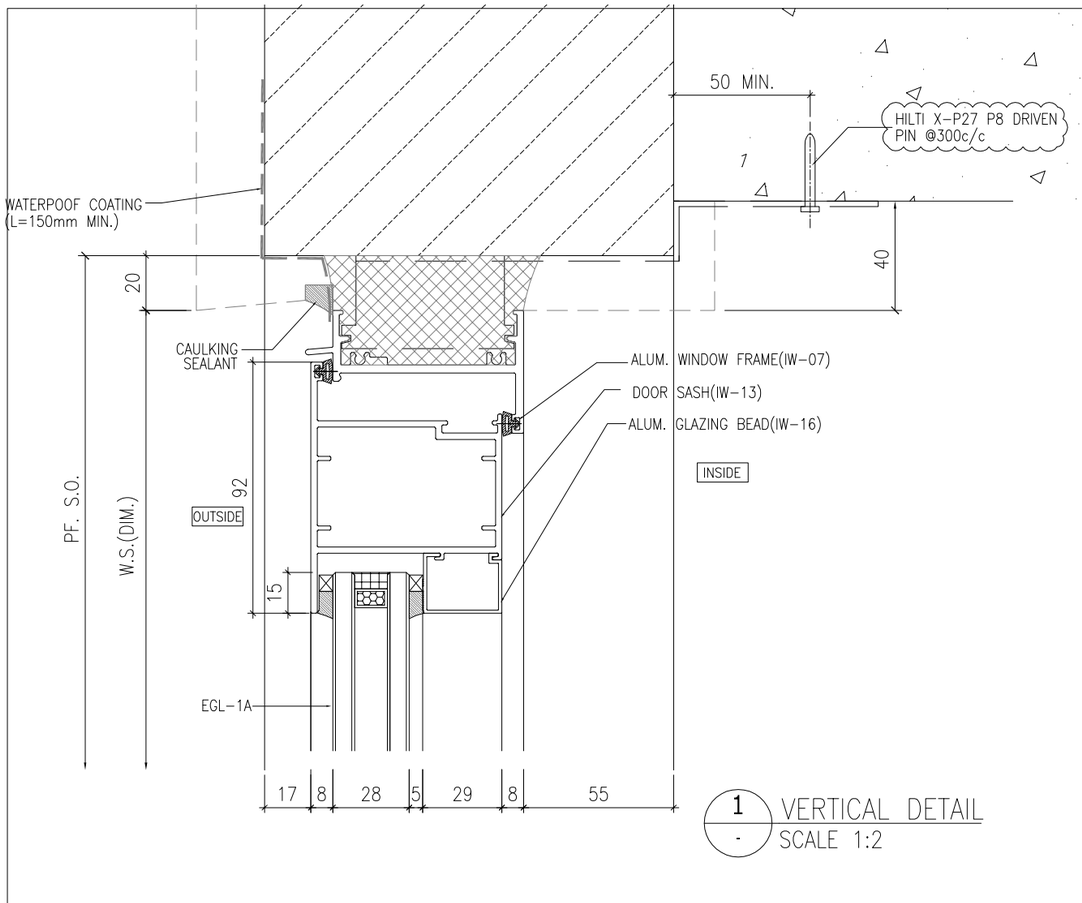
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

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

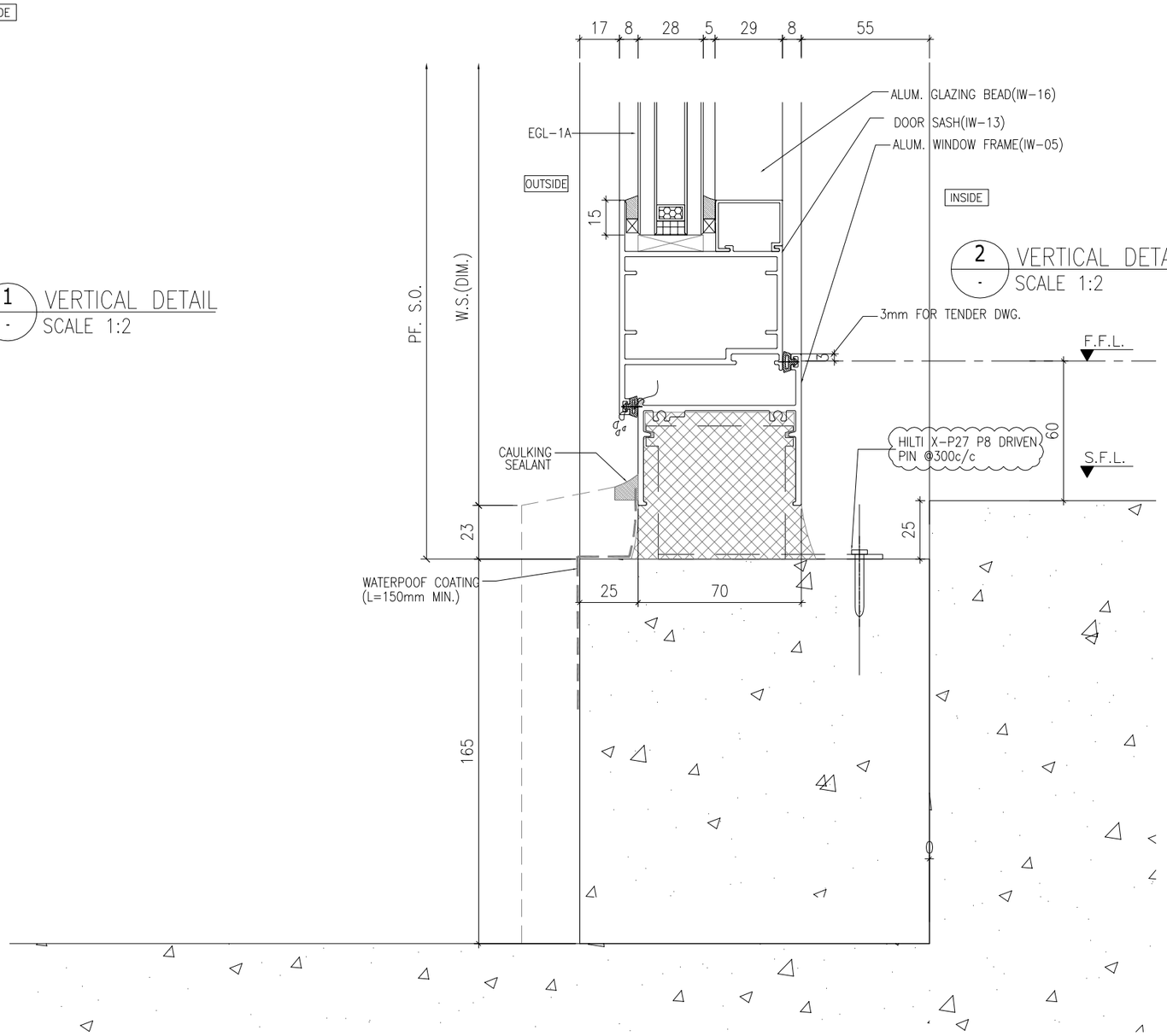
DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-7002 | REV. : E



1 - VERTICAL DETAIL
SCALE 1:2



2 - 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 :
怡輝建築有限公司 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 / X001 — 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-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
E	26/05/2022	REVISIE DRIVEN PIN	Ivan
D	28/07/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan
C	21/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

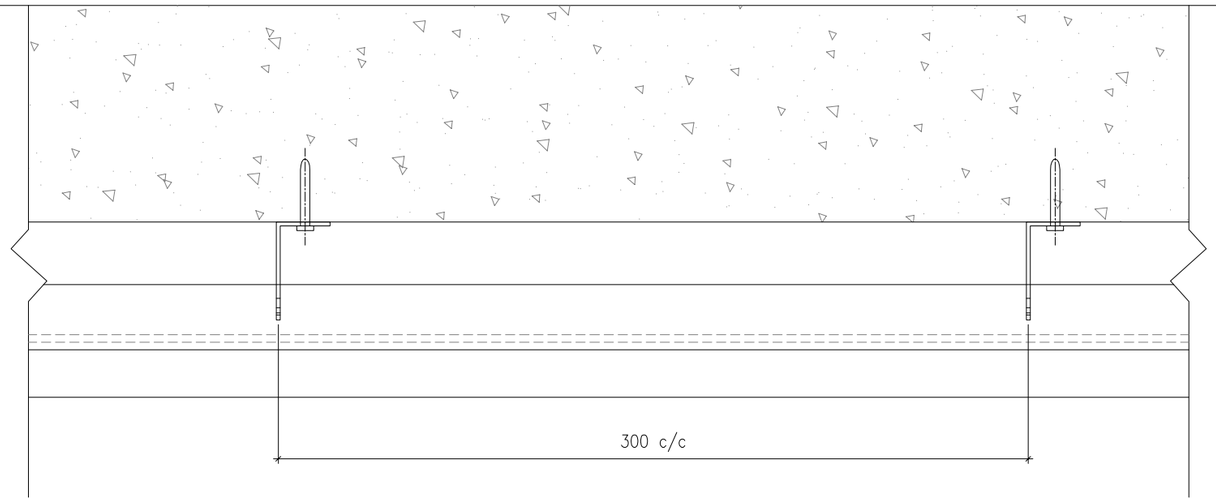
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

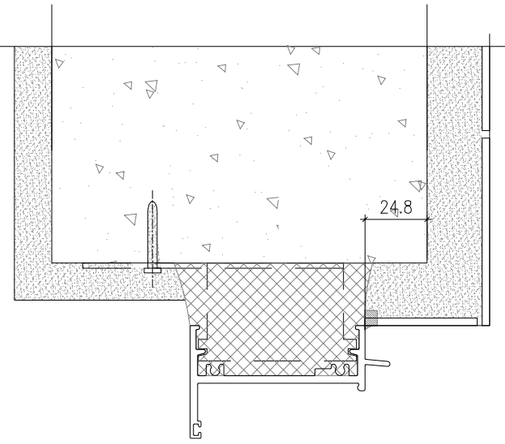
DATE : 02-Aug-21 | SCALE : 1:40

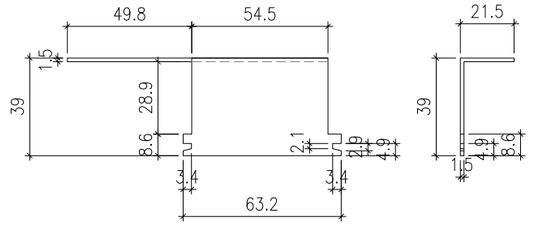
DRAWN BY : Ivan | CHECKED BY :

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

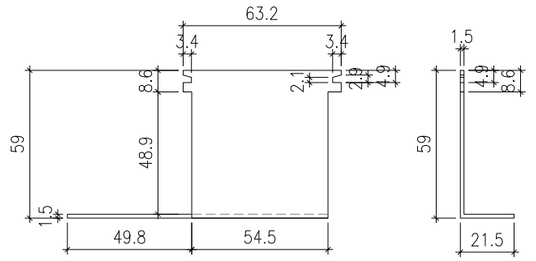
DWG NO. : J856-SD-IW-7003 | REV. : E



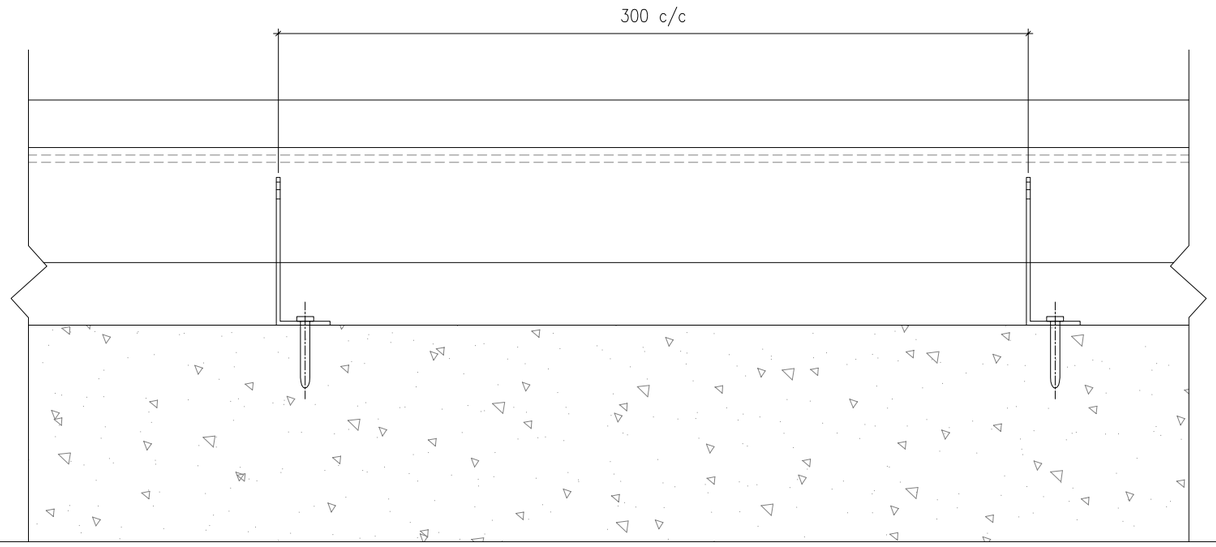


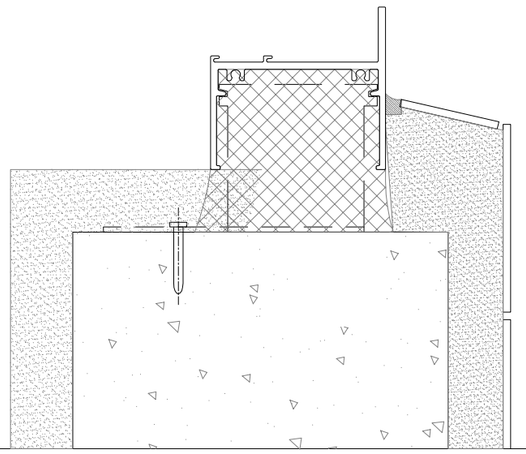


1 - VERTICAL DETAIL
SCALE 1:2



1 - 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
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
A	10/11/2021	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.

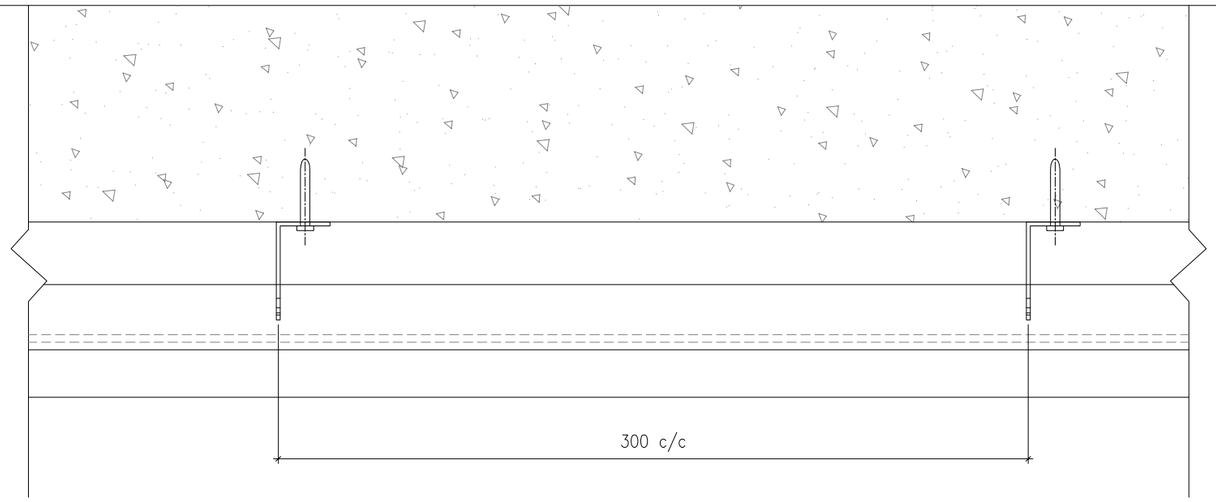
TITLE :
G.M.S FIXING LUG TYPICAL DETAIL FOR IN-SITU WINDOW

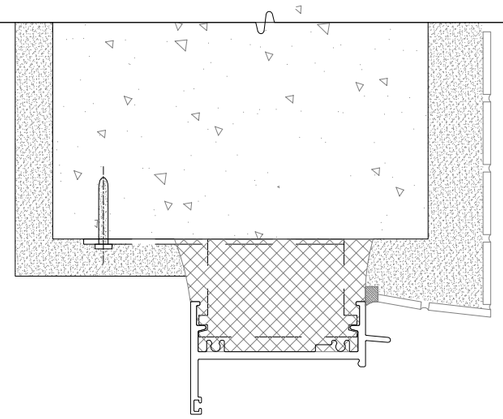
DATE : 02-Aug-21 | SCALE : 1:60

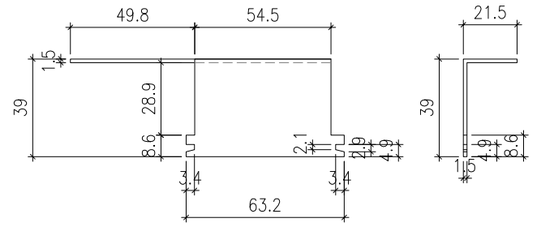
DRAWN BY : Ivan | CHECKED BY :

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

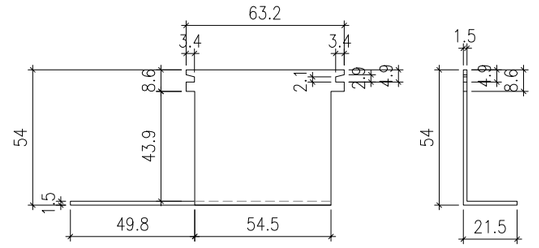
DWG NO. : J856-SD-IW-7004 | REV. : A



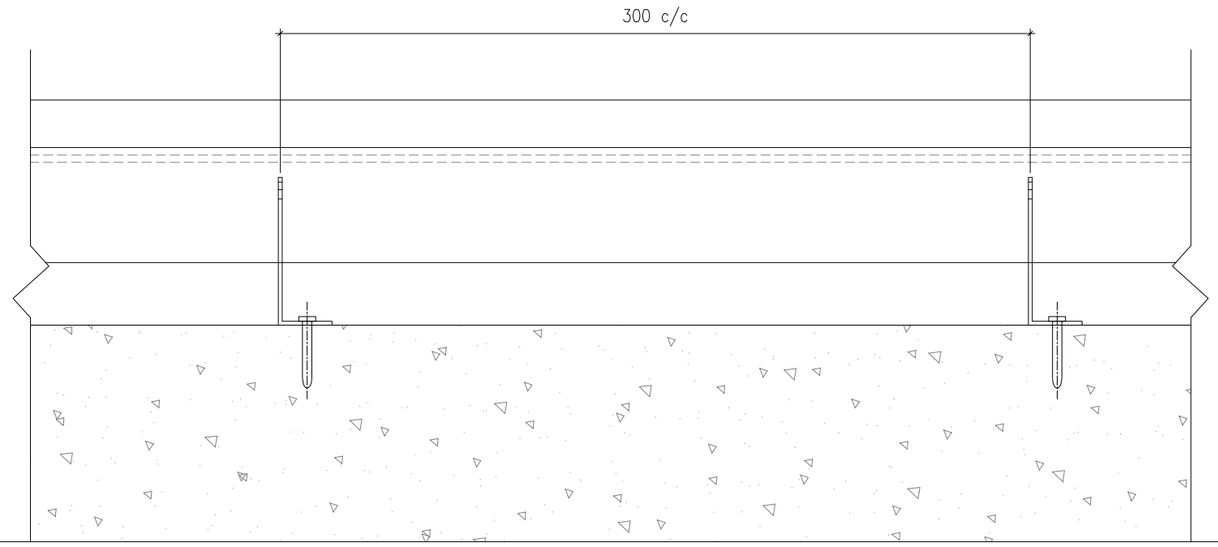


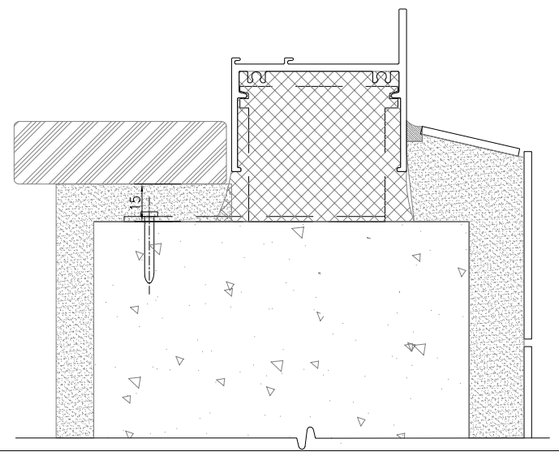


1 - VERTICAL DETAIL
SCALE 1:2



1 - 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
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
A	10/11/2021	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.

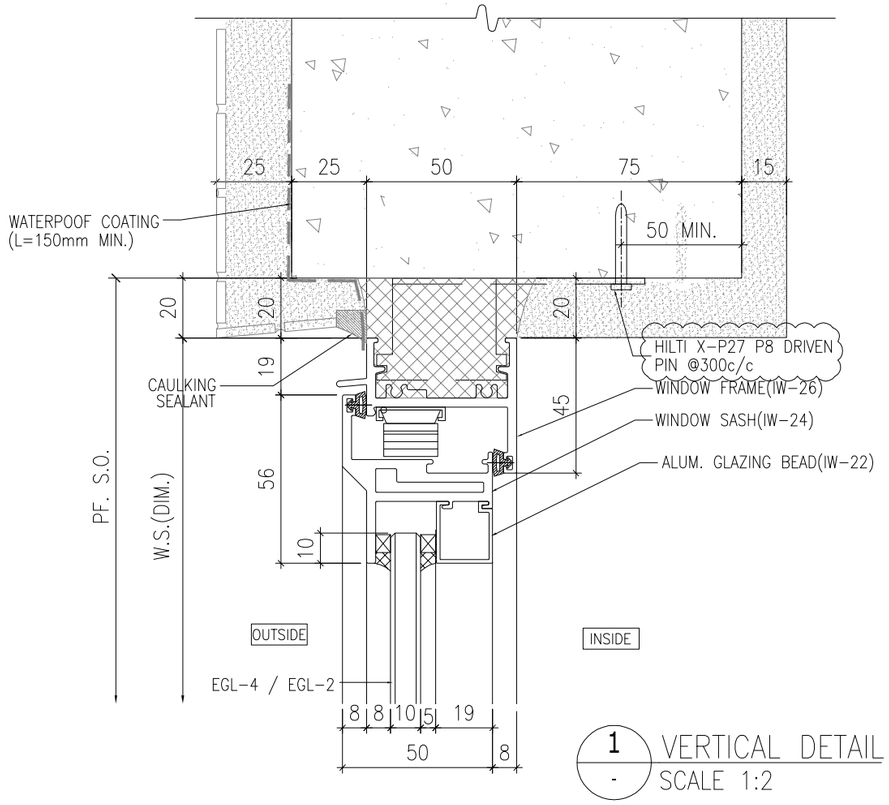
TITLE :
G.M.S FIXING LUG TYPICAL DETAIL FOR IN-SITU WINDOW

DATE : 02-Aug-21 | SCALE : 1:60

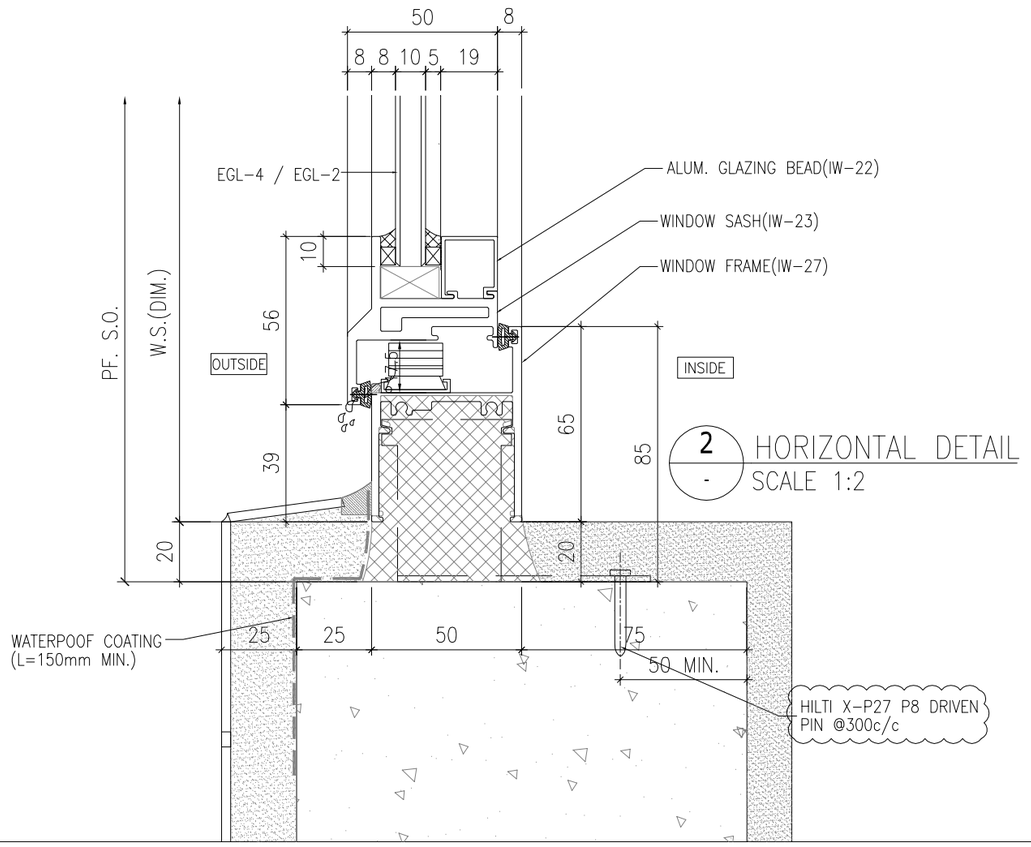
DRAWN BY : Ivan | CHECKED BY :

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

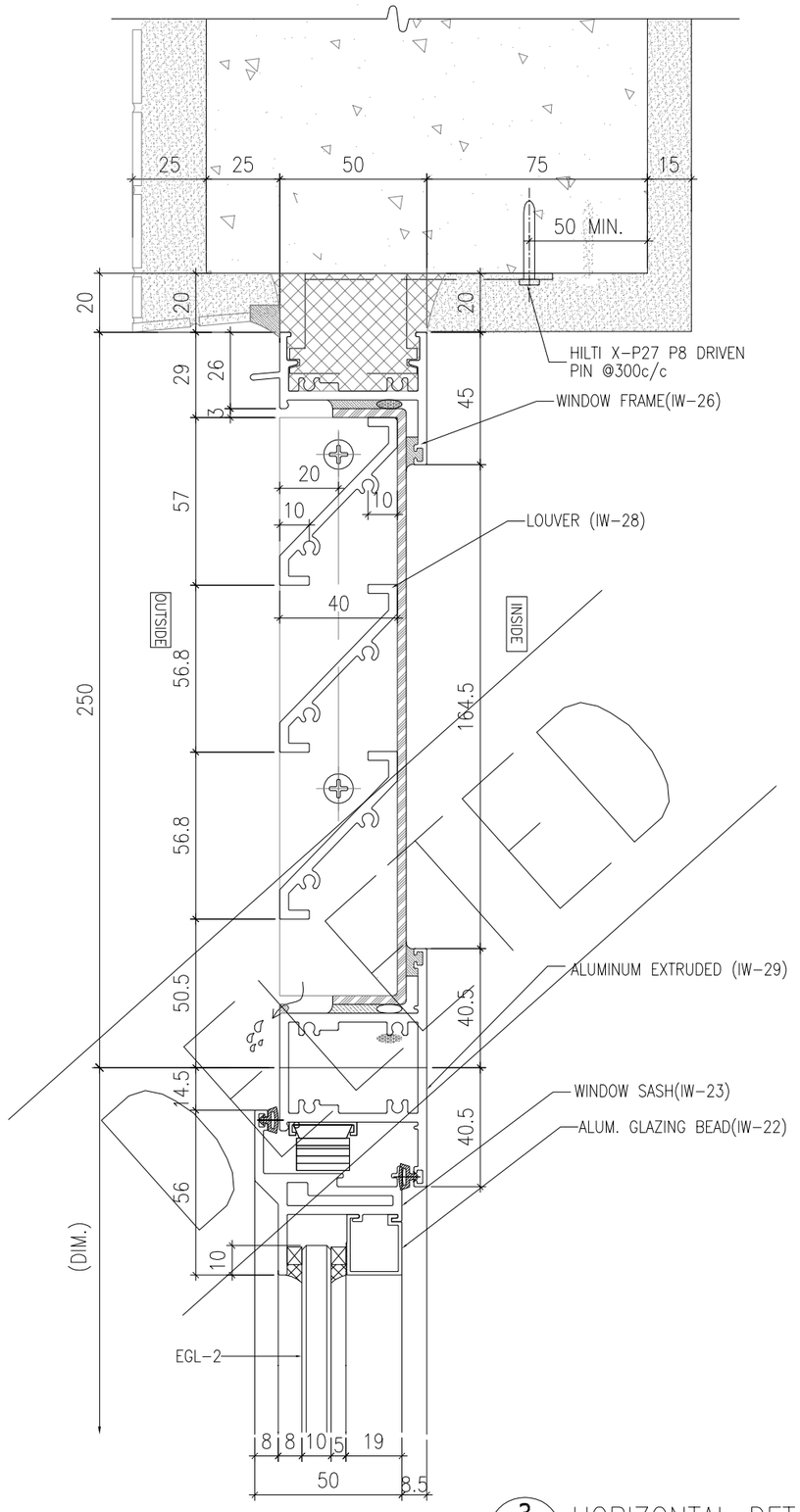
DWG NO. : J856-SD-IW-7005 | REV. : A



1 / - VERTICAL DETAIL
SCALE 1:2



2 / - HORIZONTAL DETAIL
SCALE 1:2



3 / - 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
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
D	30/05/2023	REVISIE DRIVEN PIN	Ivan
C	28/07/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

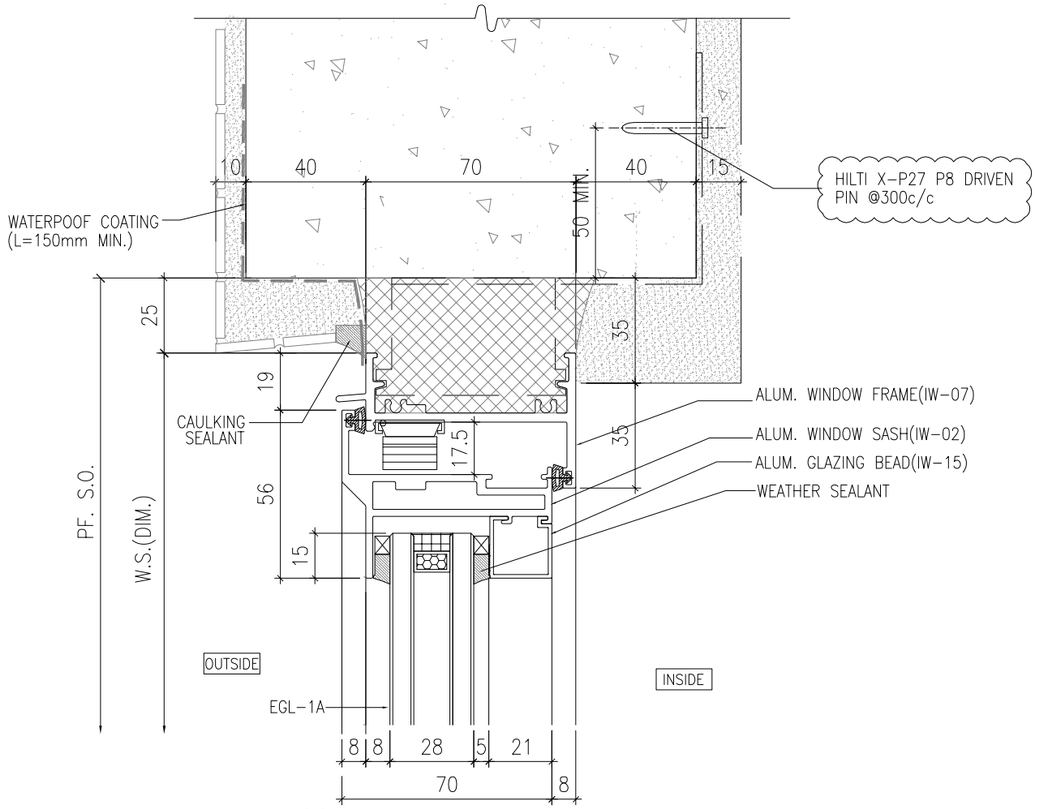
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

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

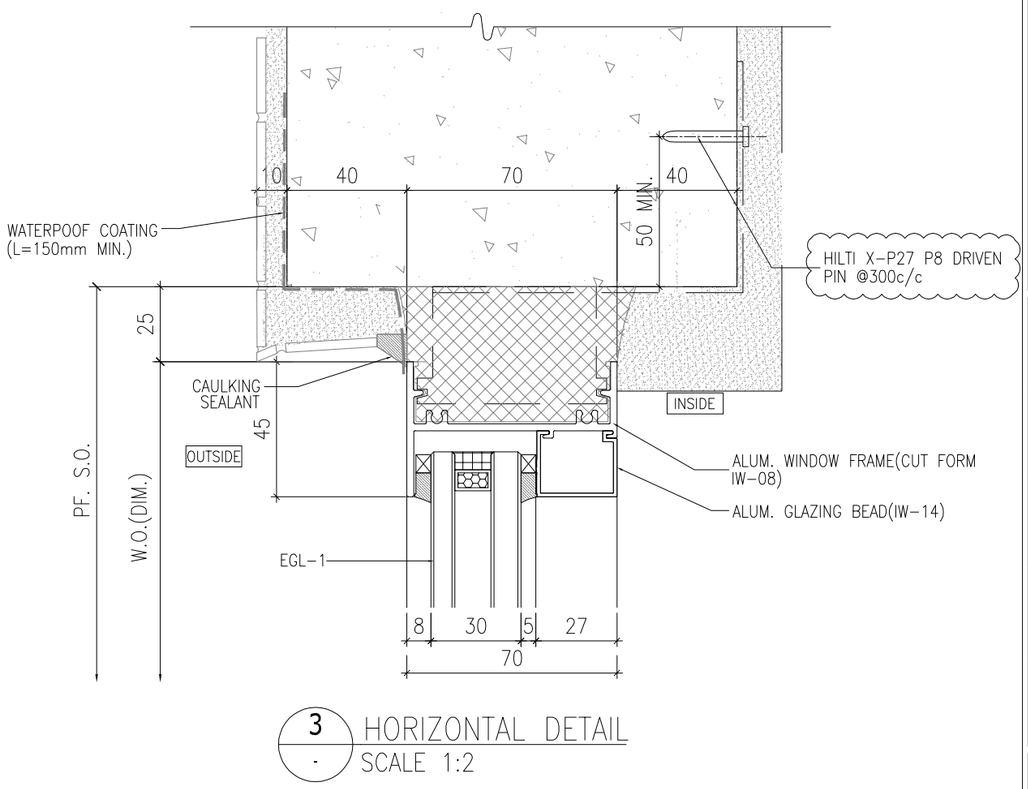
DRAWN BY : Ivan | CHECKED BY :

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

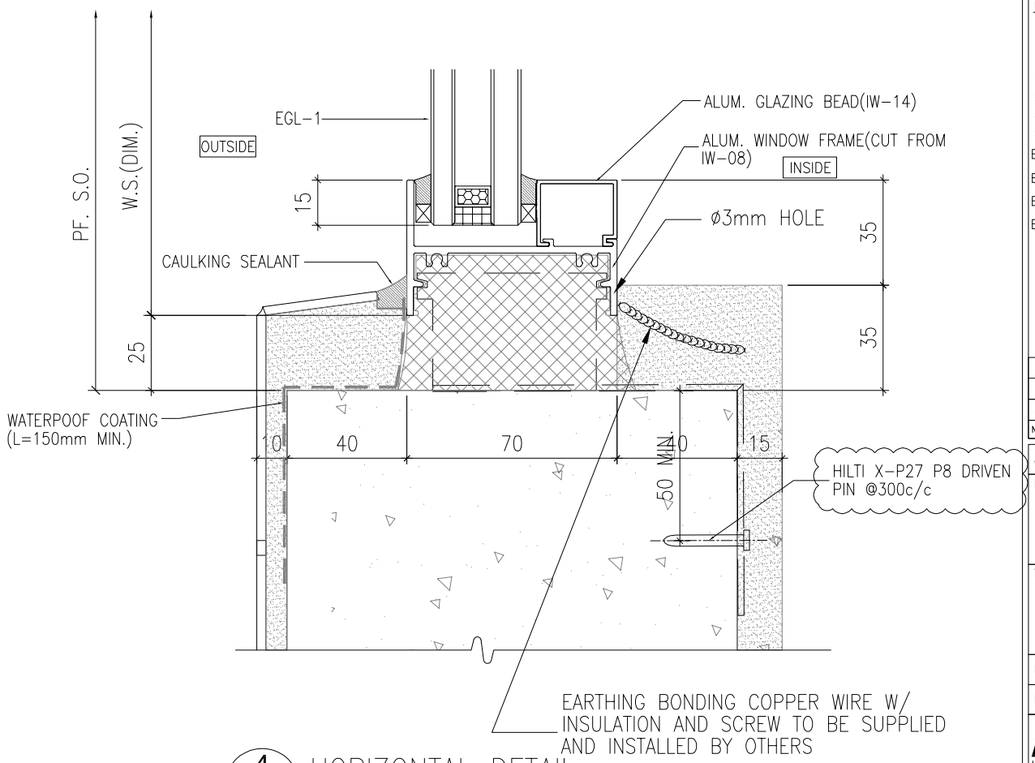
DWG NO. : J856-SD-IW-7006 | REV. : D



1 / - 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 :
怡輝建築有限公司 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 / X001 — 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-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
B	30/05/2023	REVISIE DRIVEN PIN	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan

JOB NO. : J-856

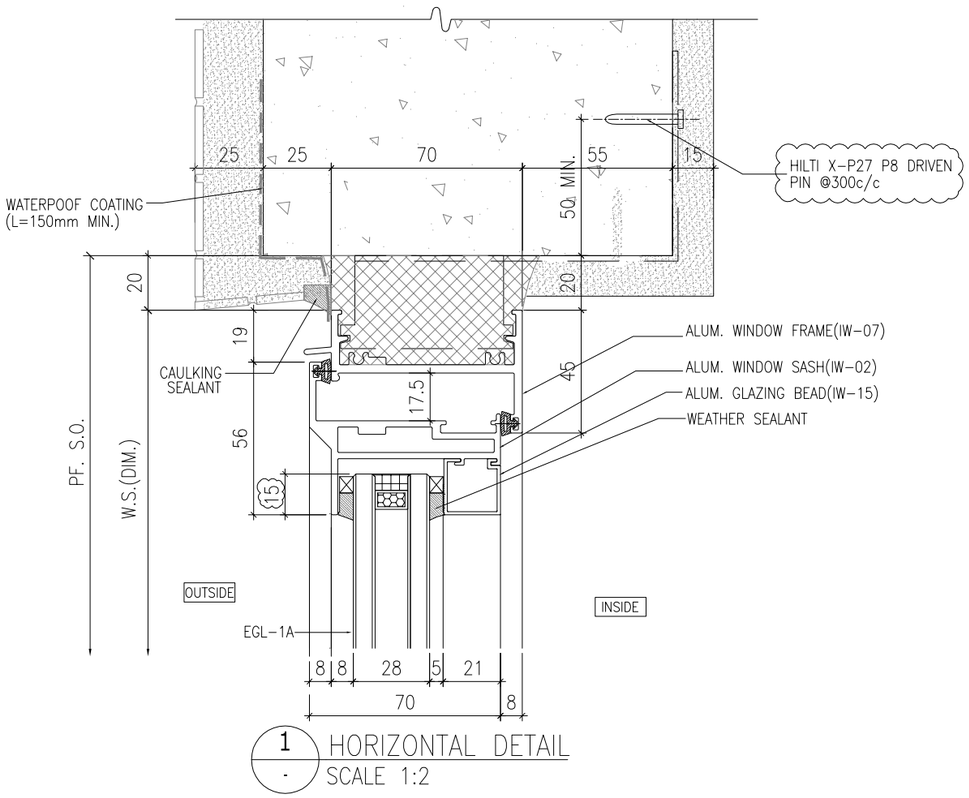
PROJECT :
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

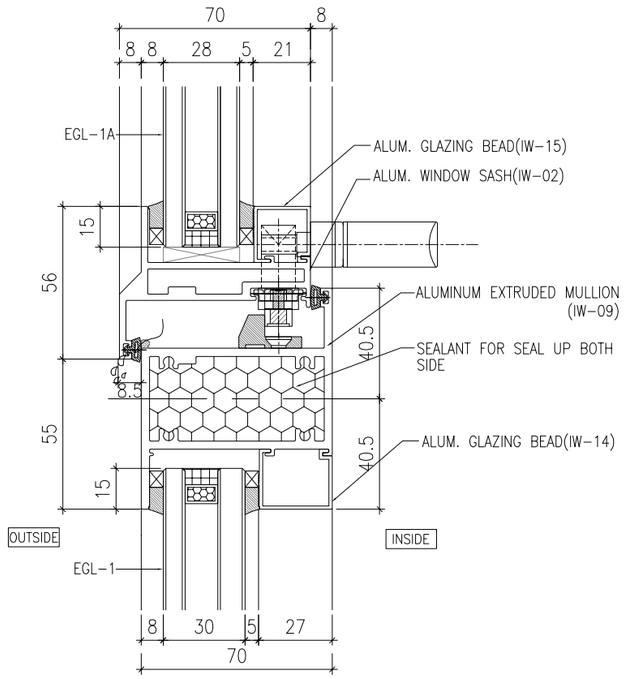
DATE : 02-Aug-21 | SCALE : 1:40
DRAWN BY : Ivan | CHECKED BY :

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

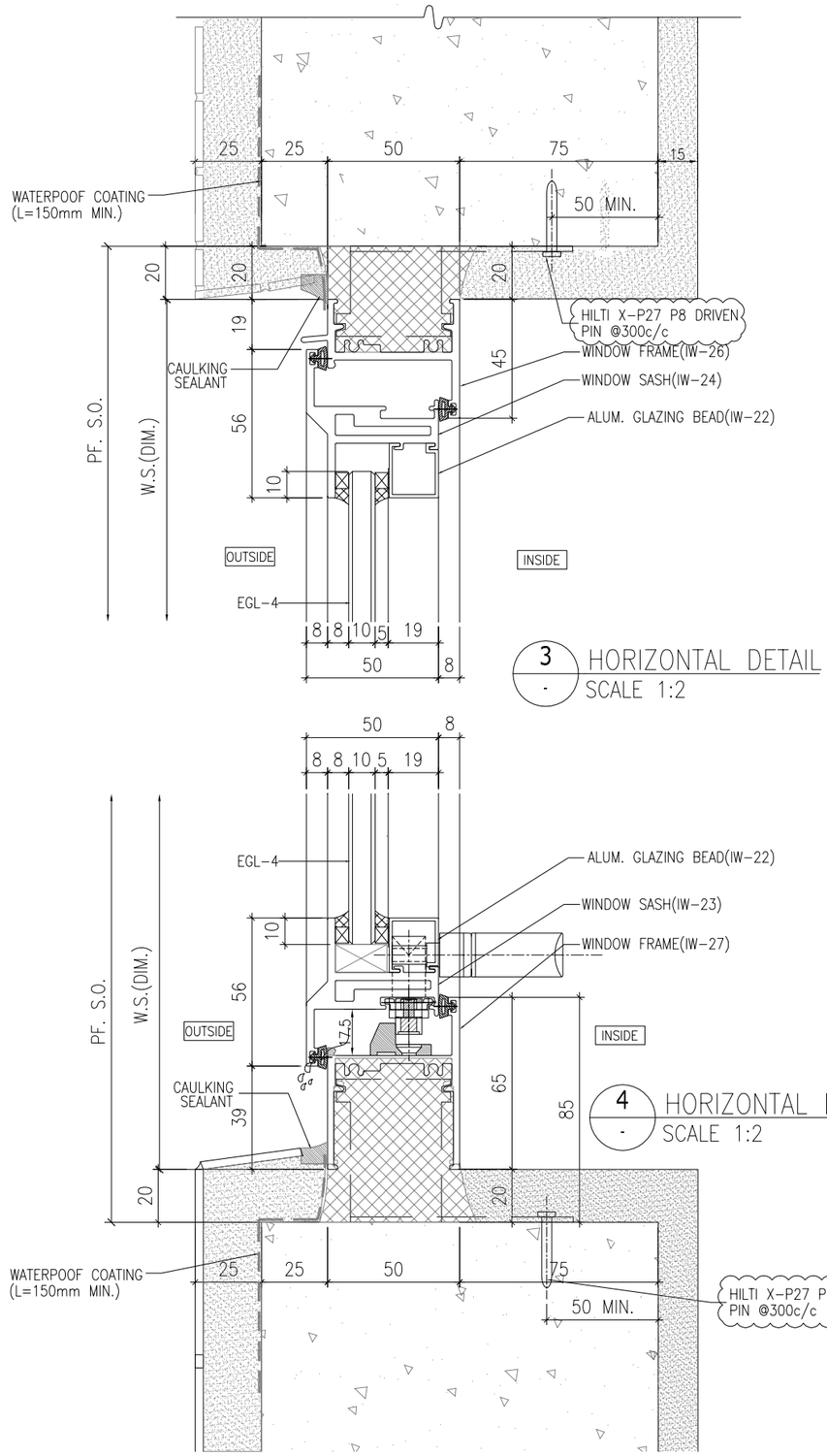
DWG NO. : J856-SD-IW-7007 | REV. : C



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
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
E	30/05/2023	REVSIE DRIVEN PIN	Ivan
D	28/07/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan
C	22/06/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
B	24/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan

JOB NO. : J-856

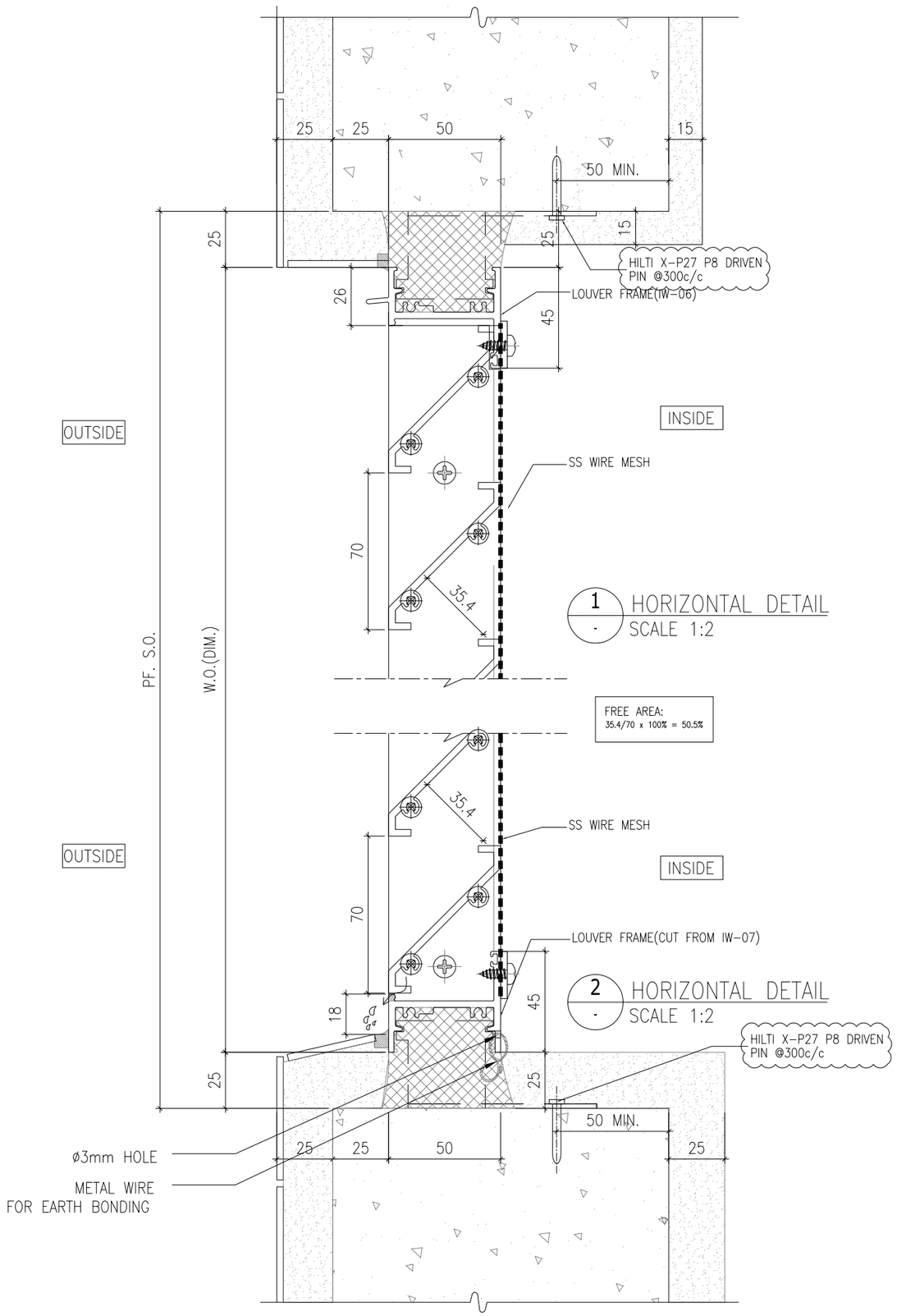
PROJECT :
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

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

美特鋁製有限公司
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-7008 | REV. : E



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 :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
A	30/05/2023	REVISIE DRIVEN PIN	Ivan

JOB NO. : J-856

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

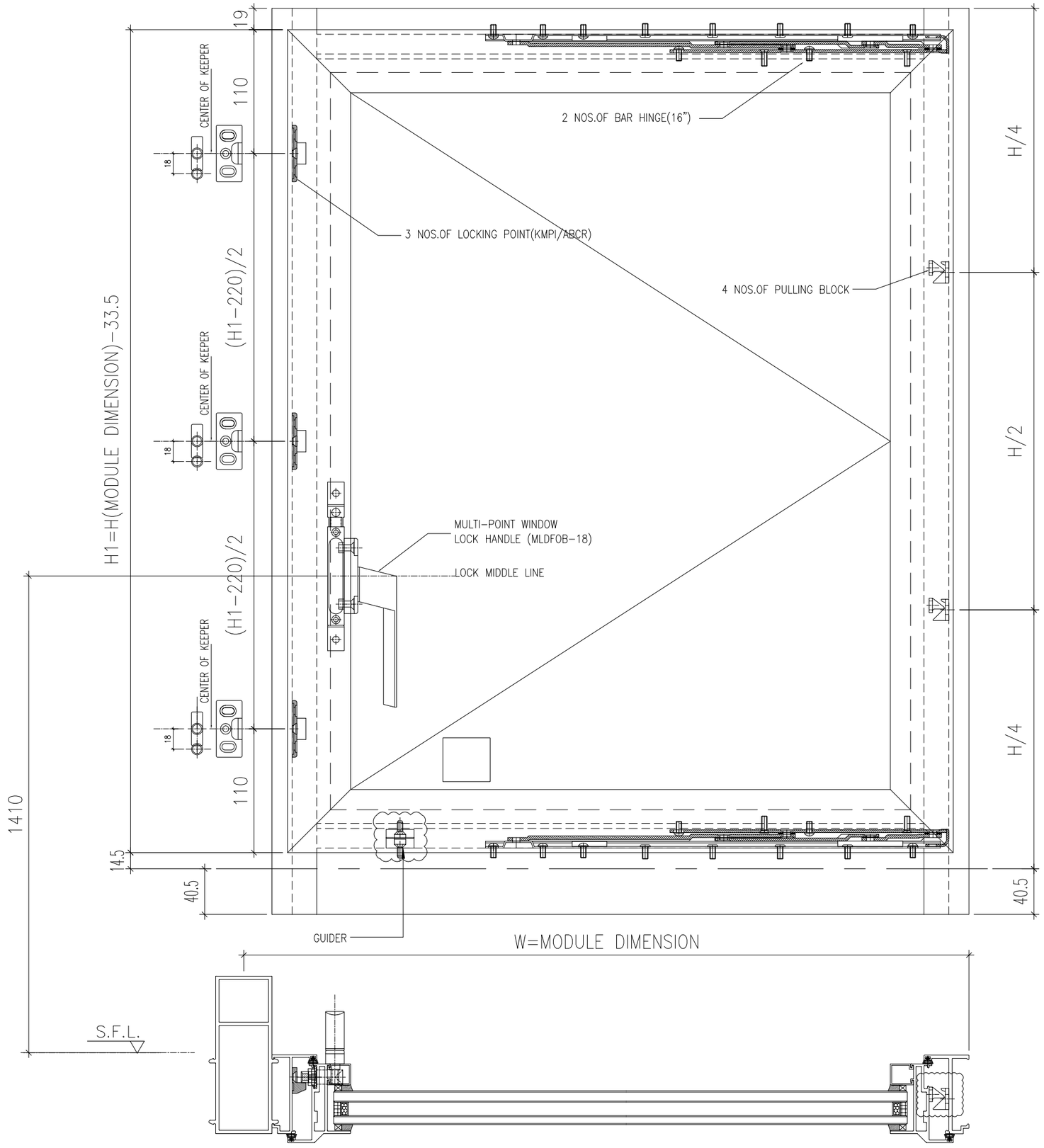
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

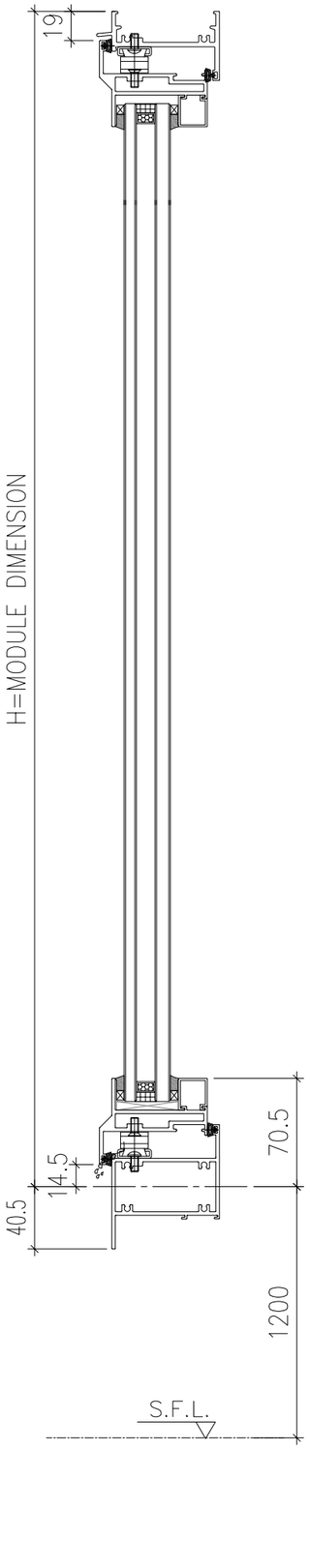
DATE : 02-Aug-21 | SCALE : 1:40

DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-7008a | REV. : A





B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
C	16/02/2023	REVISION SUBJECT TO ALPHA COMMENT	Ivan
B	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan

JOB NO. : J-856

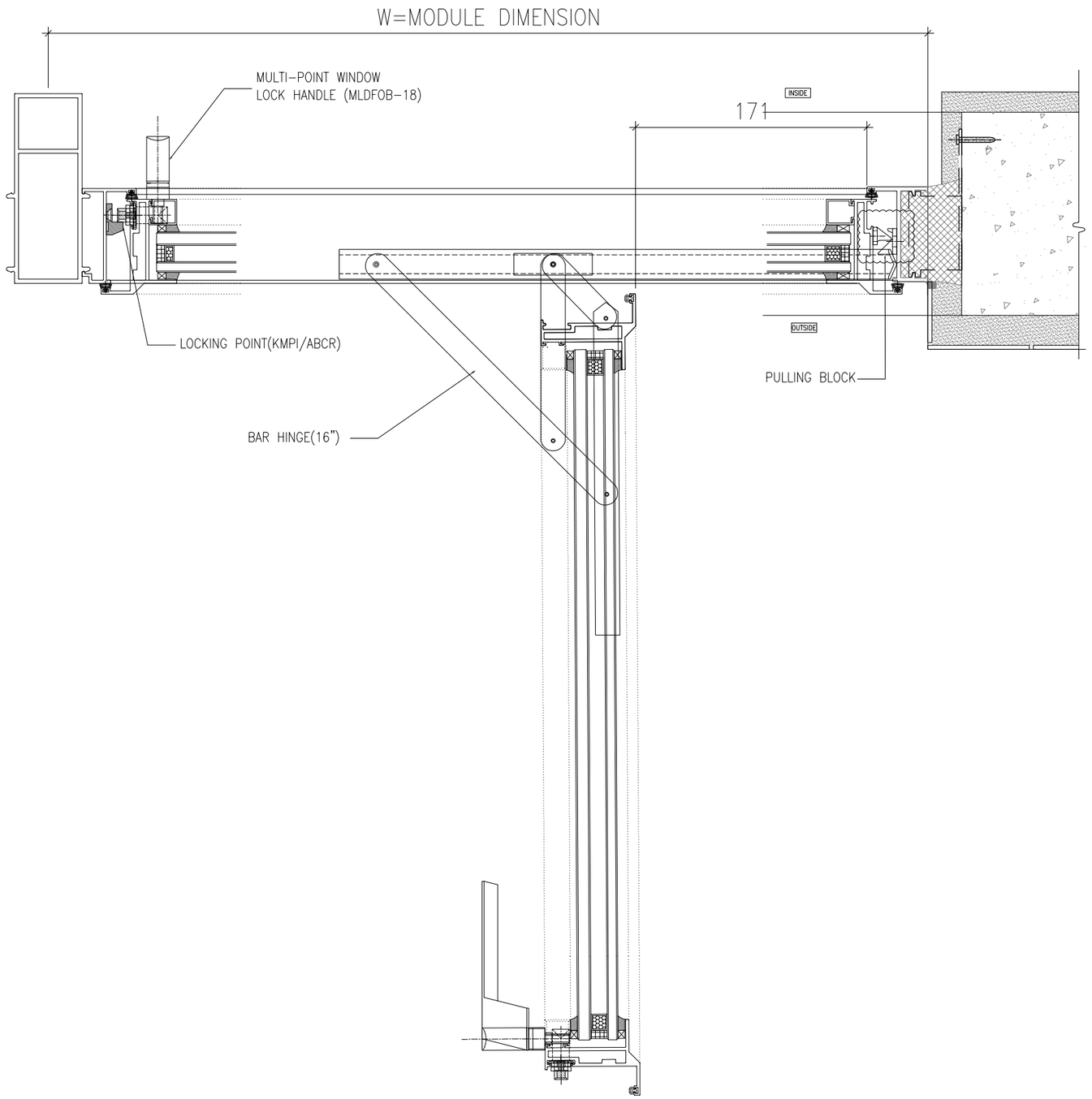
PROJECT :
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE :
IN-SITU. WINDOW SECTION
TYPICAL LOCK & HINGES DETAIL

DATE : 02-Aug-21 | SCALE : 1:4
DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-7009 | REV. : C



B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :

怡輝建築有限公司
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
B	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

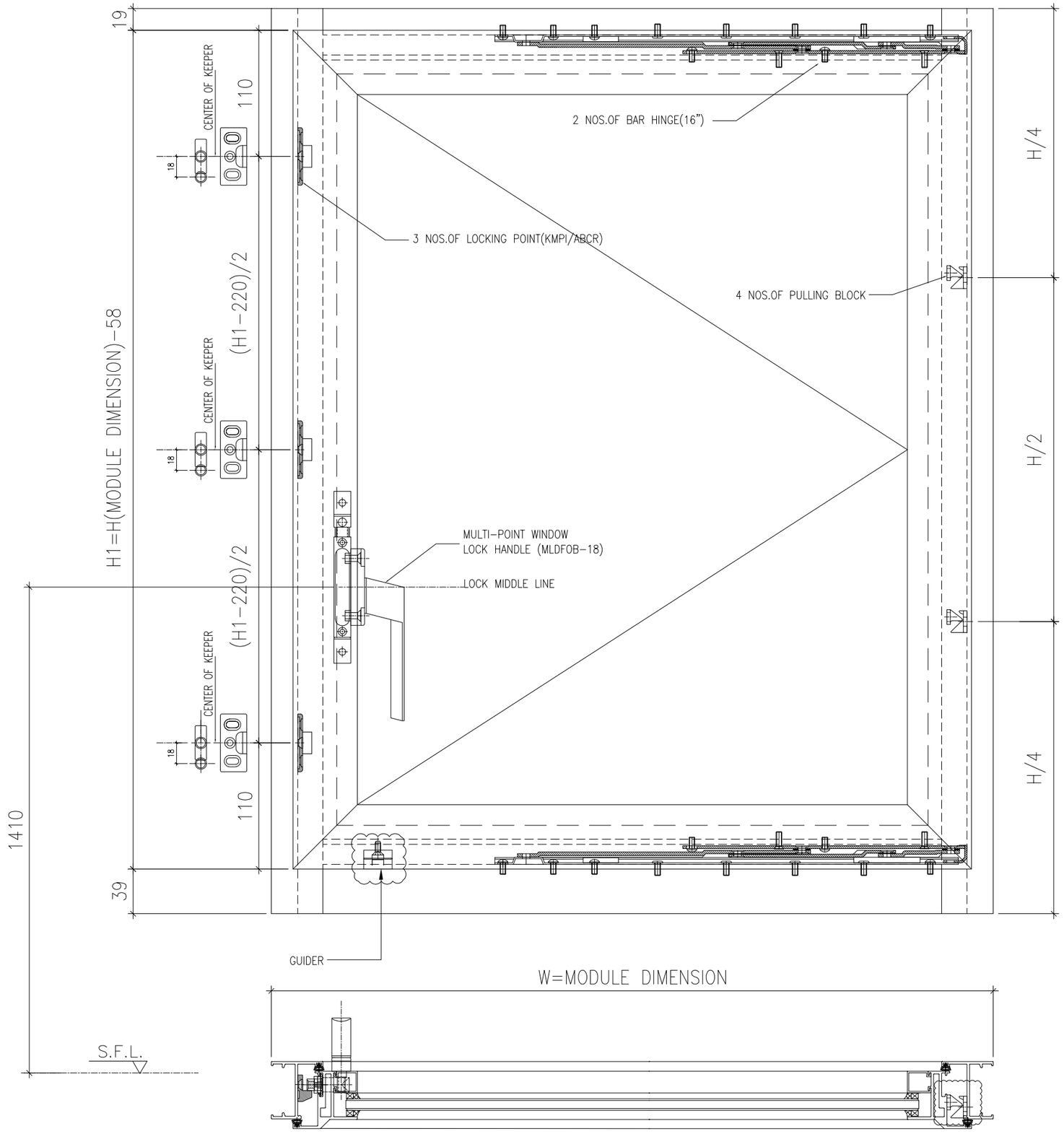
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

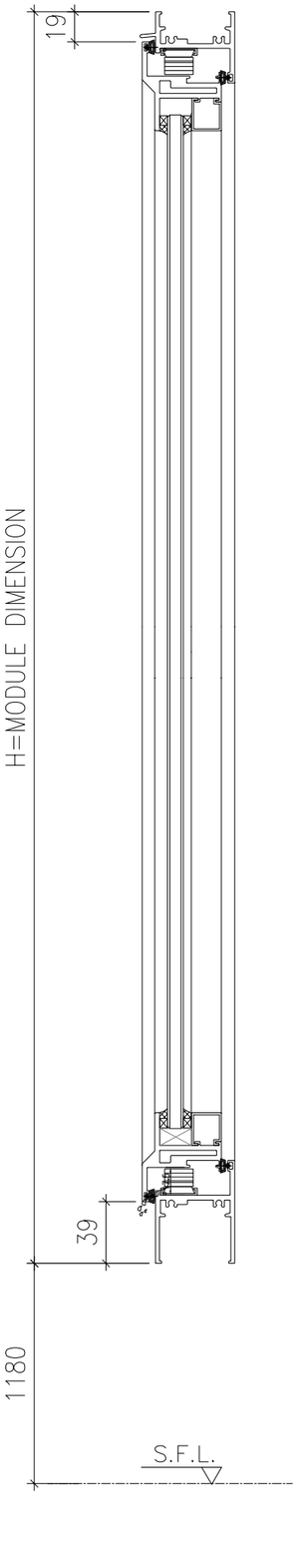
DATE : 02-Aug-21 | SCALE : 1:4

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-7010 | REV. : B





B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :

怡輝建築有限公司
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
C	28/04/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan
B	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

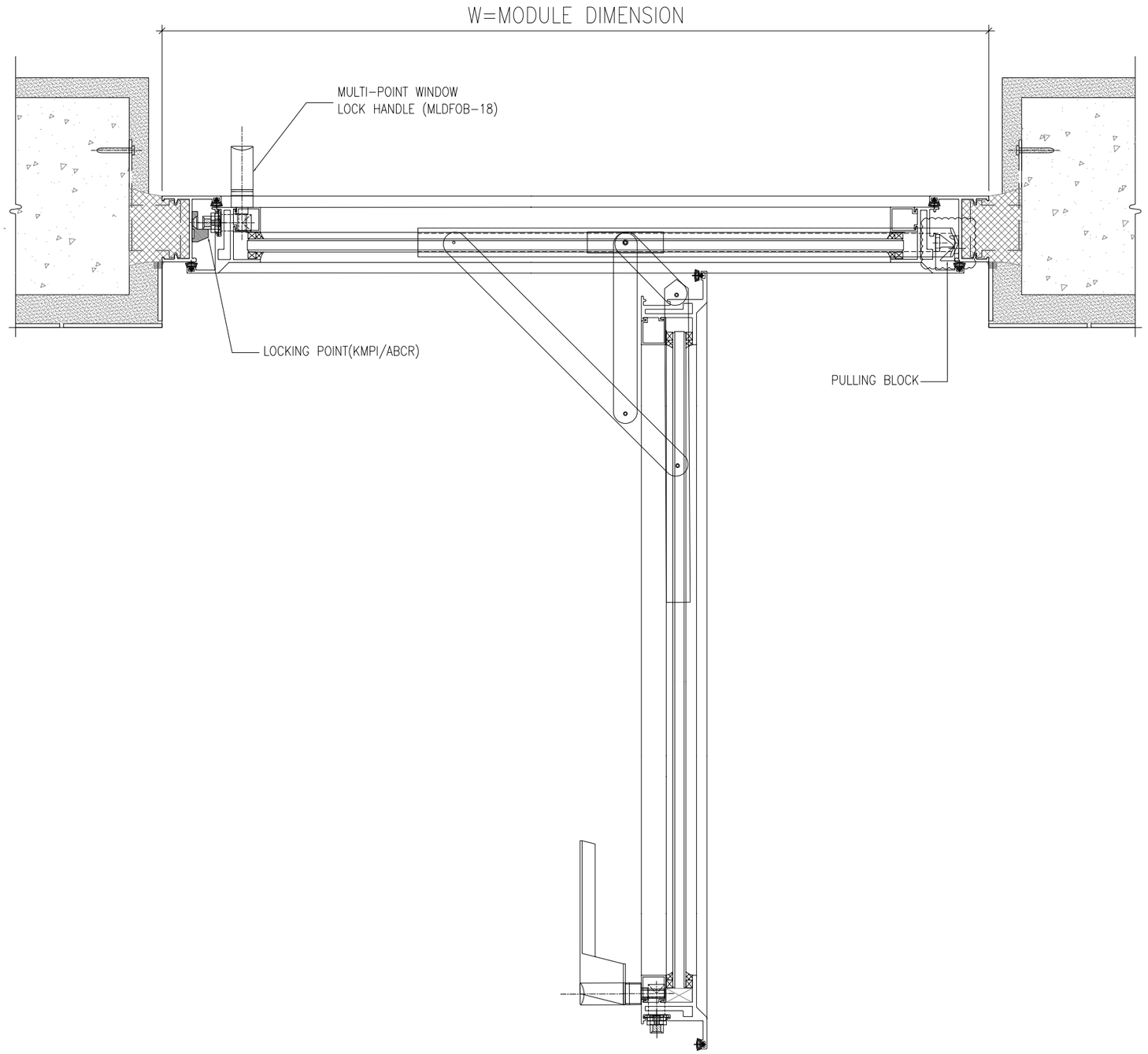
TITLE :
IN-SITU. WINDOW SECTION
TYPICAL LOCK & HINGES DETAIL

DATE : 02-Aug-21 | SCALE : 1:4

DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-7011 | REV. : C



B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :

怡輝建築有限公司
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
B	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

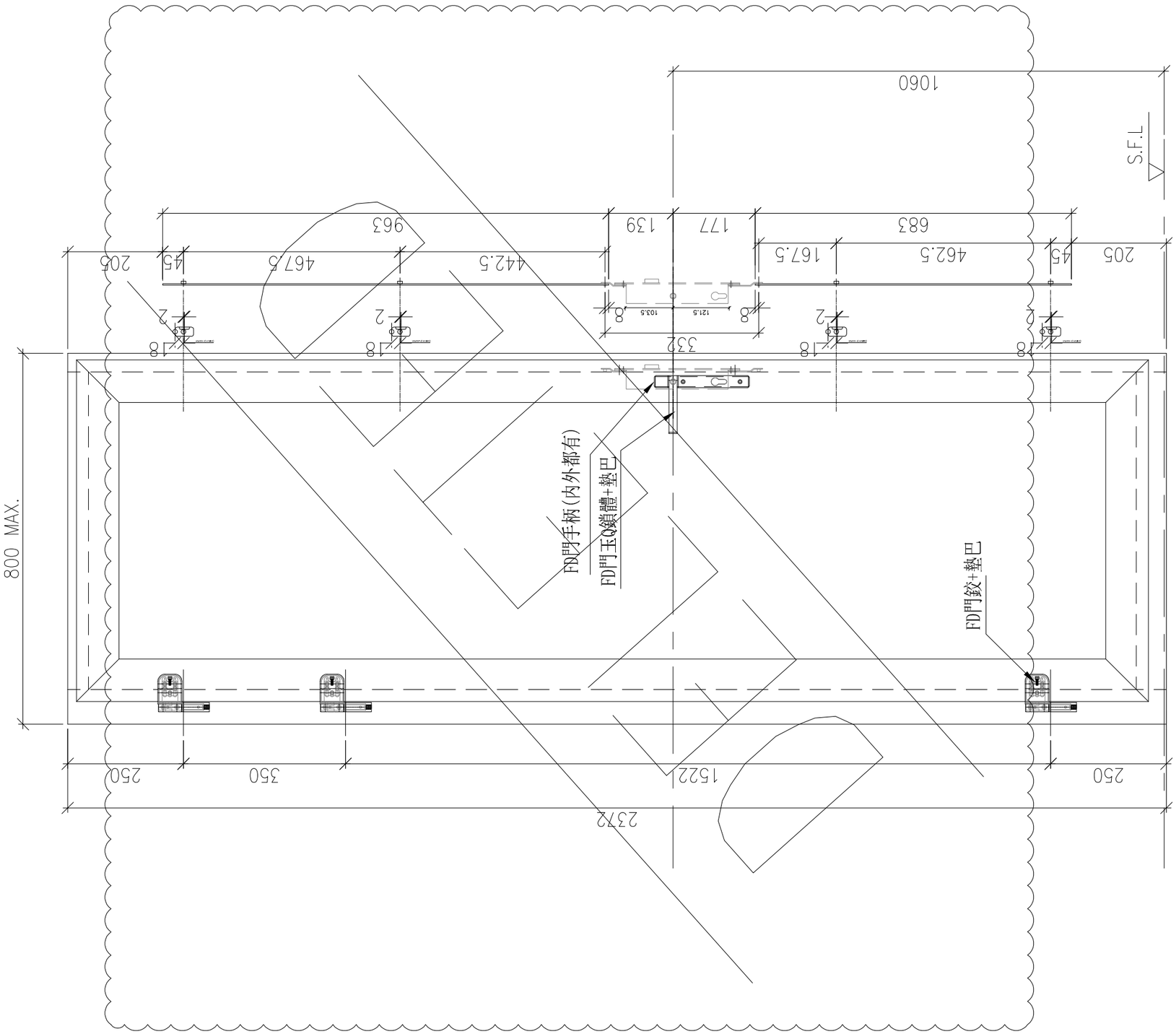
TITLE :
TYPICAL DETAILS FOR IN-SITU WINDOW

DATE : 02-Aug-21 | SCALE : 1:4

DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-7012 | REV. : B



MOVE TO DWG. SD-IW-GN02

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 :
怡輝建築有限公司 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
B	28/04/2021	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

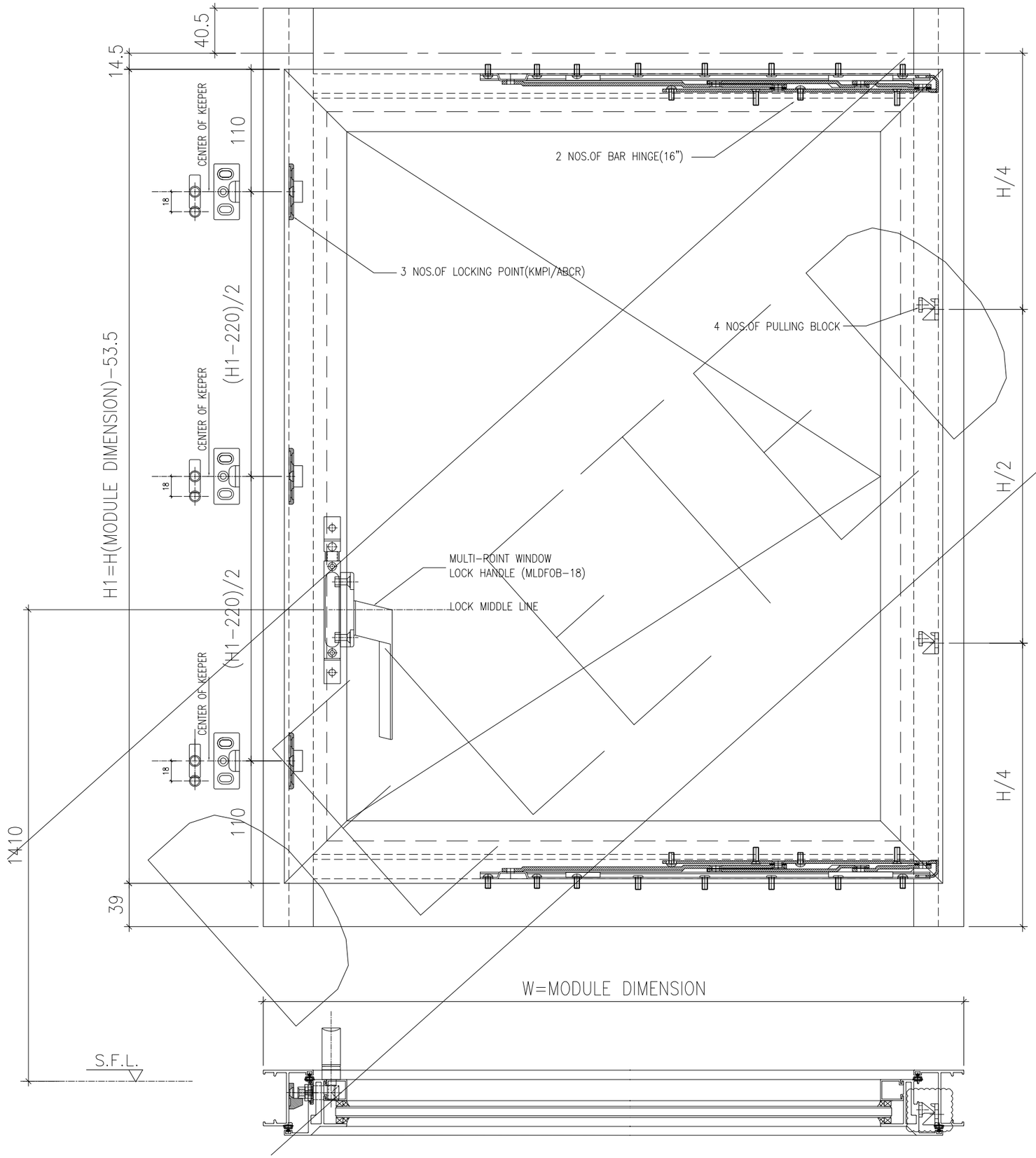
TITLE :
IN-SITU. WINDOW SECTION
TYPICAL LOCK & HINGES DETAIL

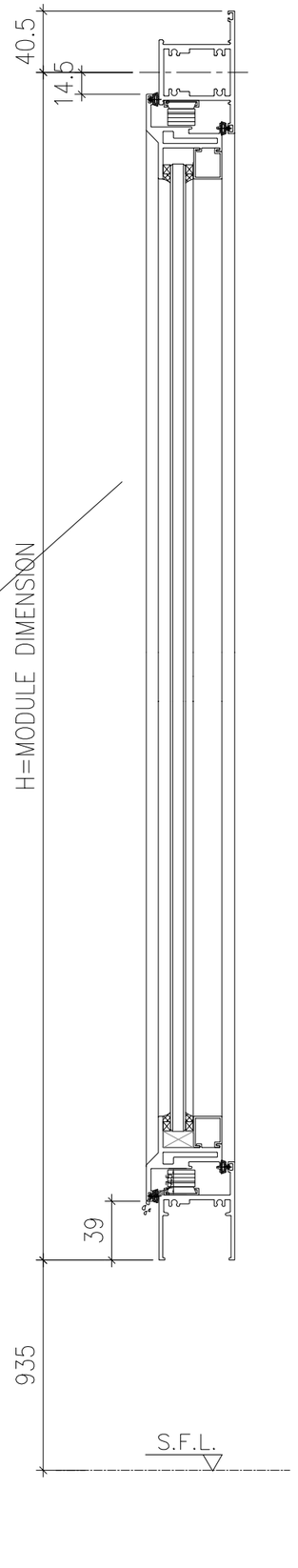
DATE : 02-Aug-21 | SCALE : 1:4

DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-7013 | REV. : B





B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :

怡輝建築有限公司
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
B	27/08/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	13/01/2022	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.

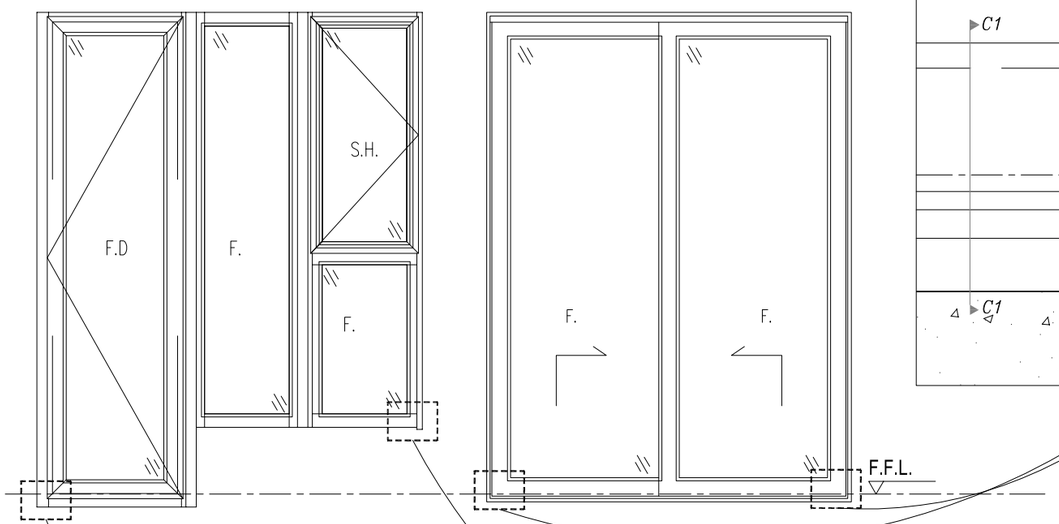
TITLE :
IN-SITU. WINDOW SECTION
TYPICAL LOCK & HINGES DETAIL

DATE : 02-Aug-21 | SCALE : 1:4

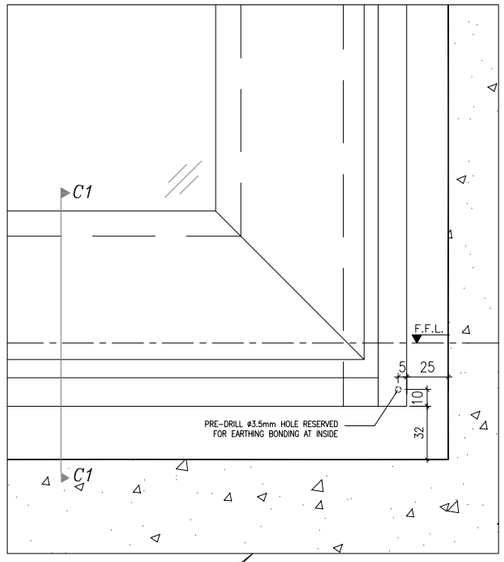
DRAWN BY : Ivan | CHECKED BY :

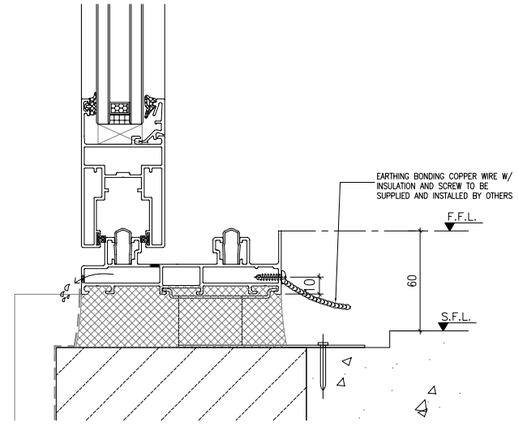
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-7014 | REV. : B

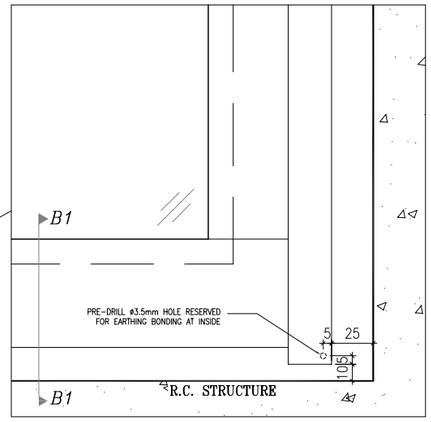


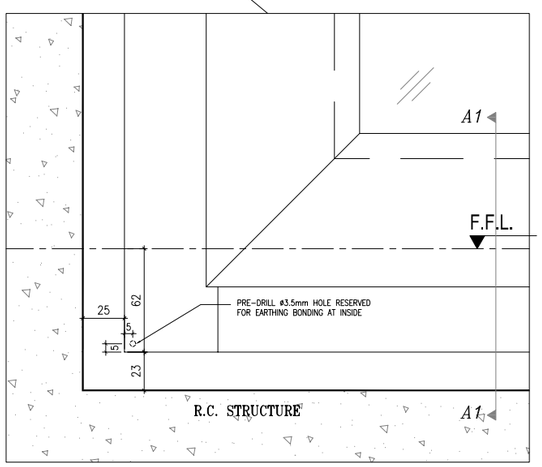
ELEVATION

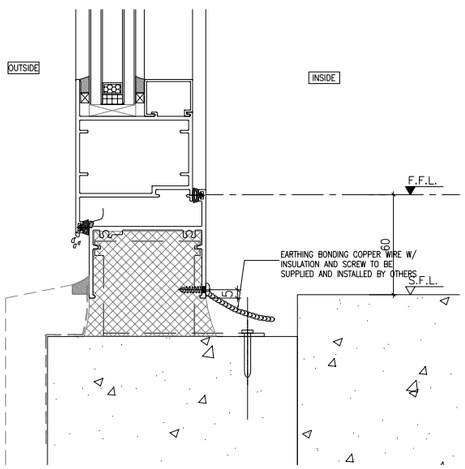




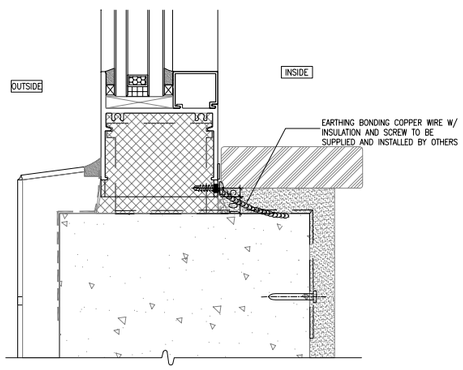
DETAIL SECTION "C1" FOR ALUM. WINDOW







DETAIL SECTION "A1" FOR ALUM. WINDOW



DETAIL SECTION "B1" FOR ALUM. WINDOW

B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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 / X001 — 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-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
B	13/01/2022	REVISION SUBJECT TO ARCH.COMMENT	Ivan
A	10/11/2021	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.

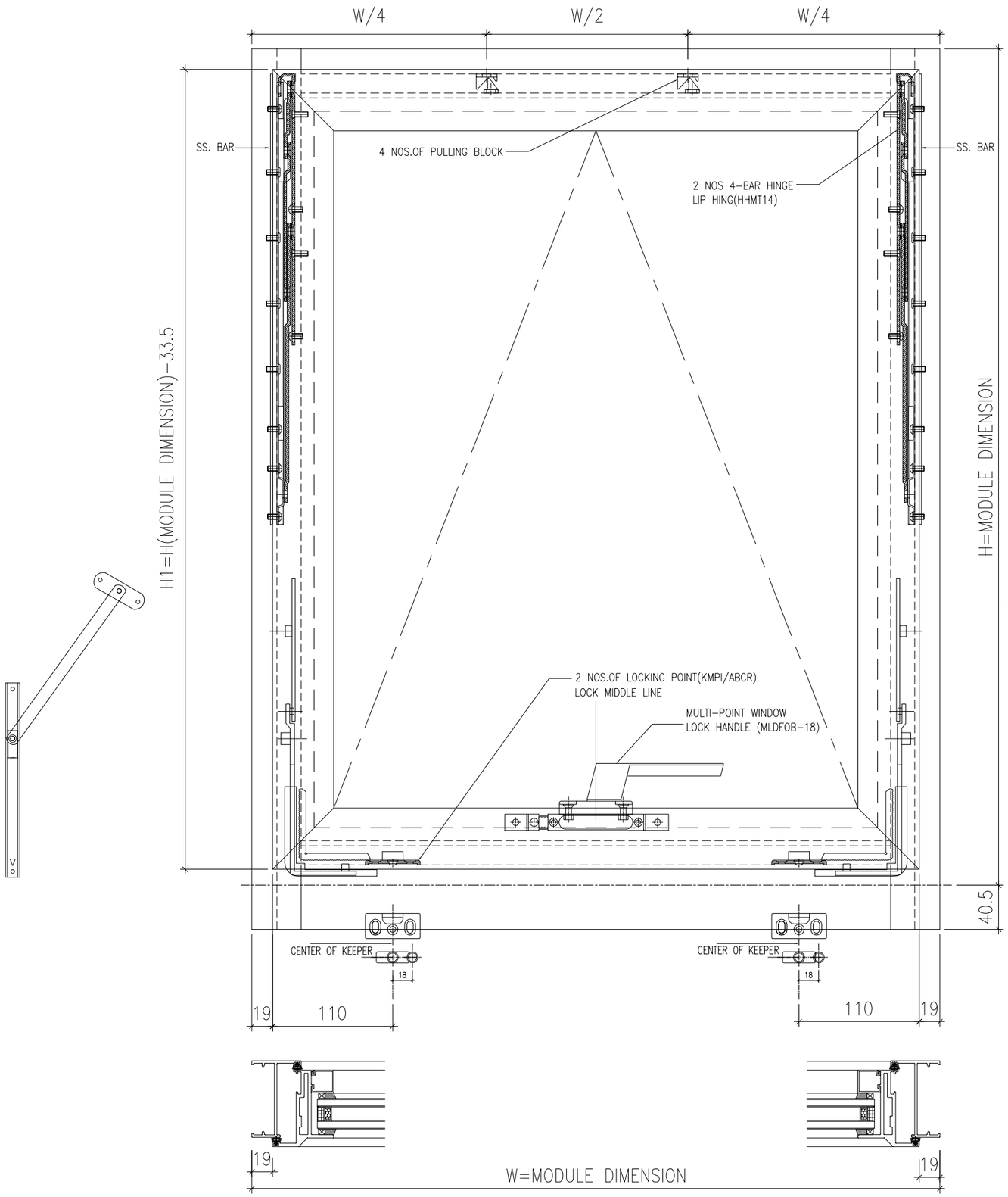
TITLE :
TYPICAL EARTHING BONDING DETAILS OF IN-SITU

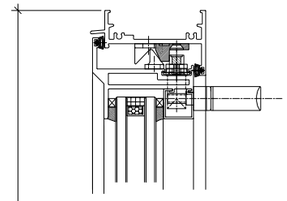
DATE : 02-Aug-21 | SCALE : 1:4

DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-7016 | REV. : B





B.D. REF :

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

ARCHITECT :
lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :
怡輝建築有限公司
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-856

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

TITLE :
IN-SITU. WINDOW SECTION
TYPICAL LOCK & HINGES DETAIL

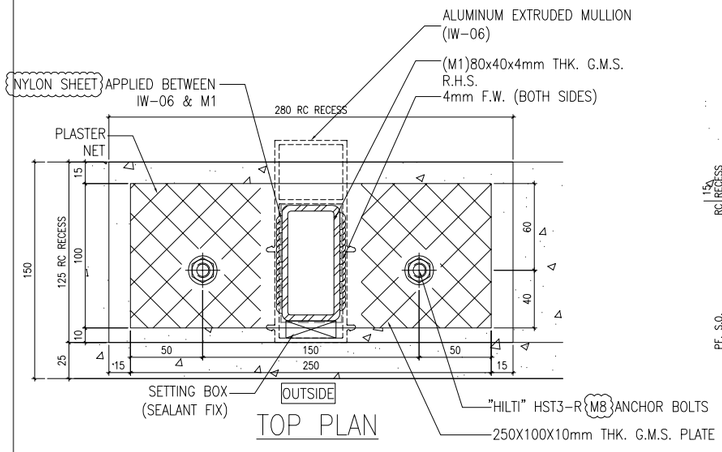
DATE : 02-Aug-21 | SCALE : 1:4

DRAWN BY : Ivan | CHECKED BY :

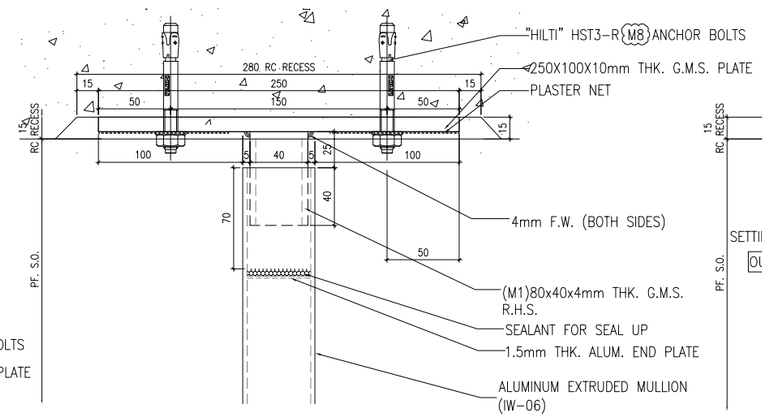
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-7015 | REV. : -

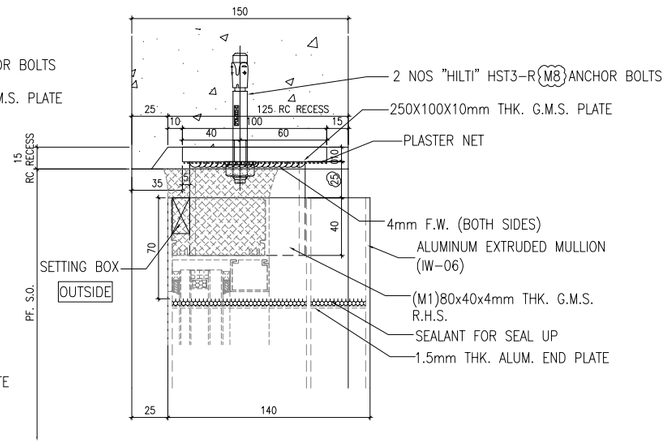
BT1



TOP PLAN

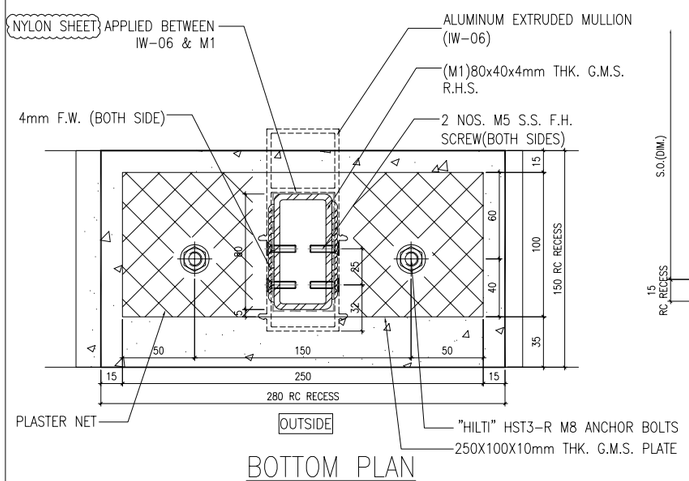


ELEVATION

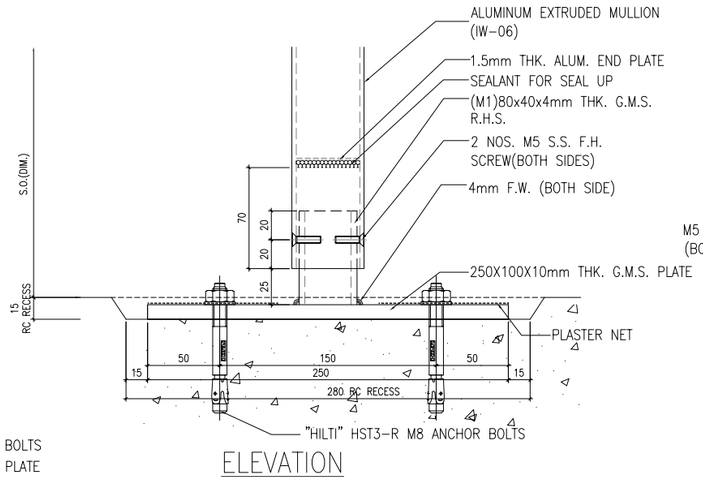


SECTION

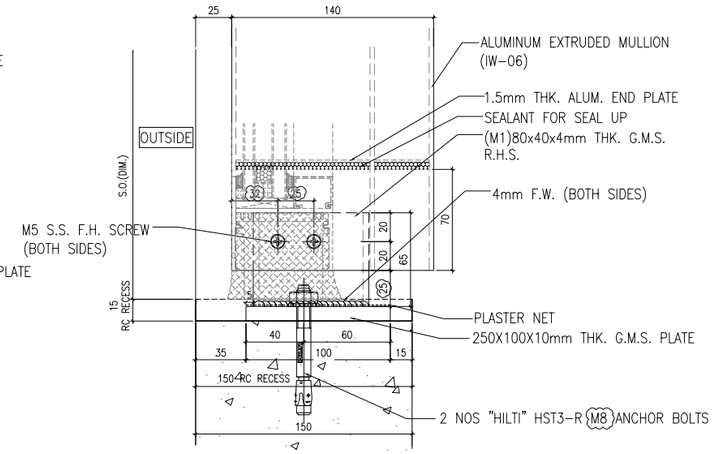
BB1



BOTTOM PLAN



ELEVATION



SECTION

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 :
怡輝建築有限公司 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 / X001 — 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-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
D	26/04/2023	REVISION SUBJECT TO ALPHA COMMENT	Ivan
C	16/02/2023	REVISION SUBJECT TO ALPHA COMMENT	Ivan
B	26/08/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan
A	28/07/2022	REVISION SUBJECT TO ALPHA 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 :
FIXING DETAILS OF IN-SITU

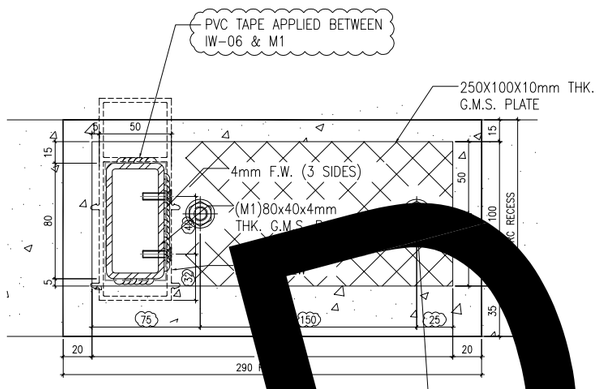
DATE : 21-Jun-22 | SCALE : 1:4

DRAWN BY : Ivan | CHECKED BY :

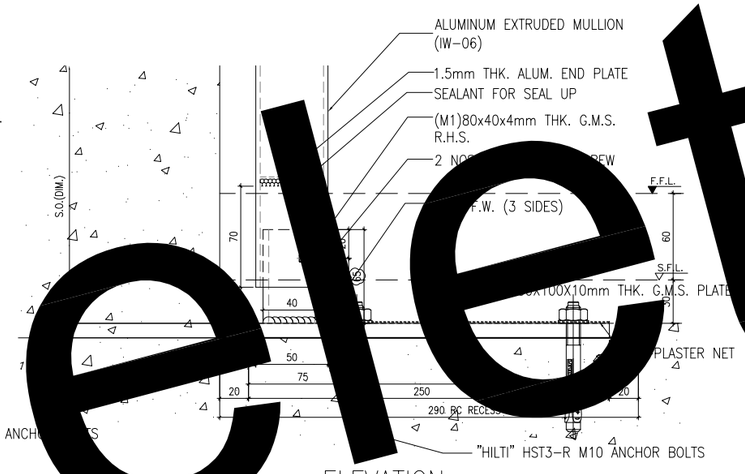
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-FD01 | REV. : D

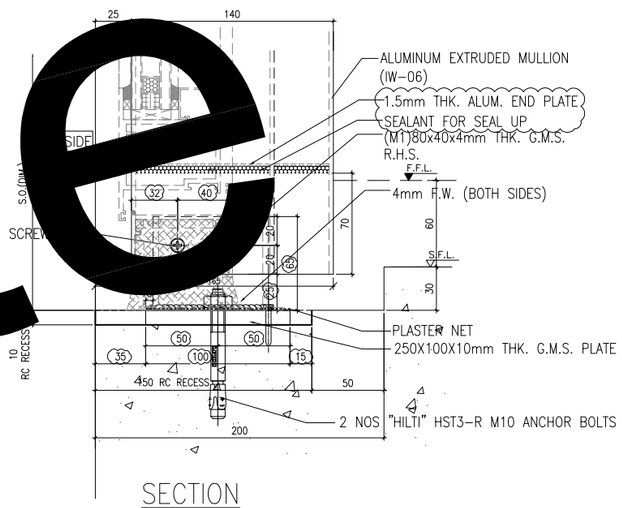
BB2



BOTTOM



ELEVATION



SECTION

Delete

B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :

怡輝建築有限公司
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 / X001 — 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-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
C	16/02/2023	REVISION SUBJECT TO ALPHA COMMENT	Ivan
B	26/08/2022	REVISION SUBJECT TO ALPHA COMMENT	Ivan
A	28/07/2022	REVISION SUBJECT TO ALPHA 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 :
FIXING DETAILS OF IN-SITU

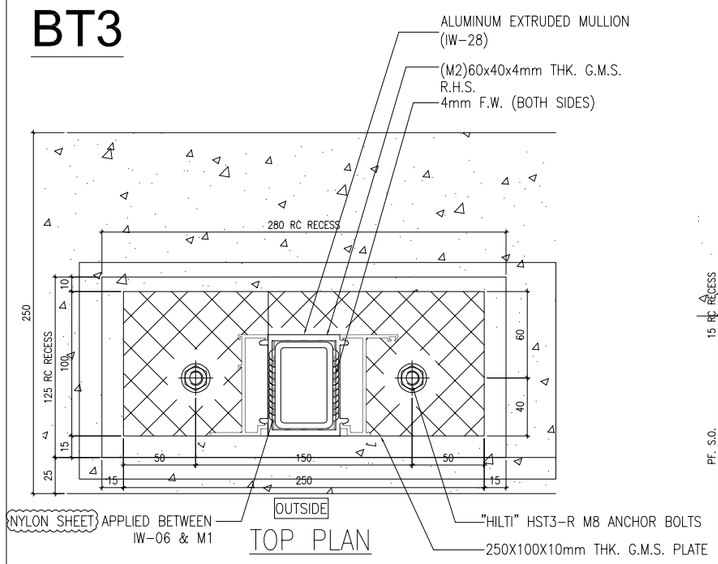
DATE : 21-Jun-22 | SCALE : 1:4

DRAWN BY : Ivan | CHECKED BY :

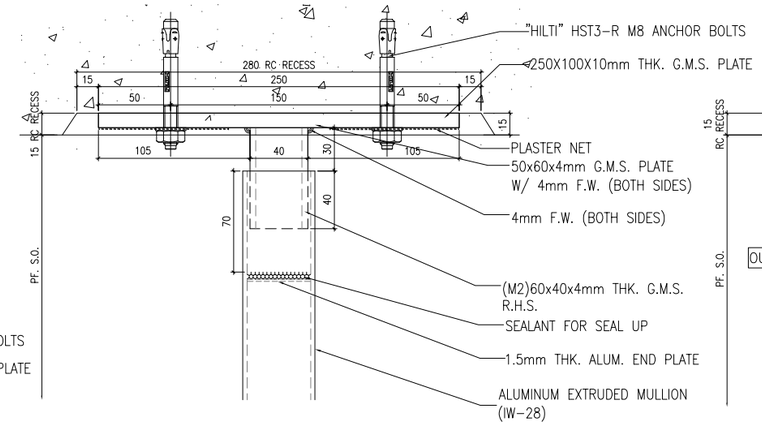
美特鋁質有限公司
MIDI ALUMINUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-FD02 | REV. : C

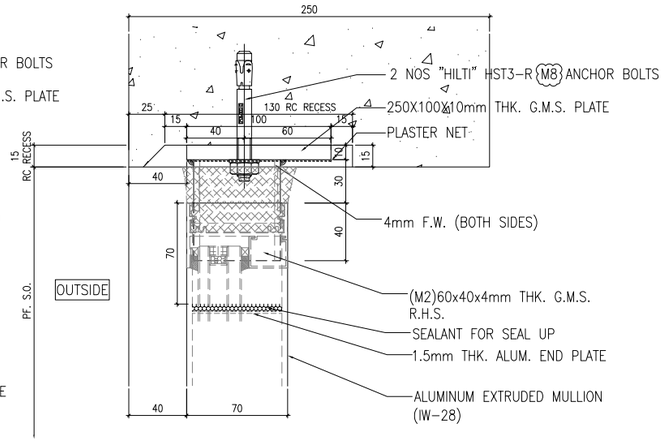
BT3



TOP PLAN

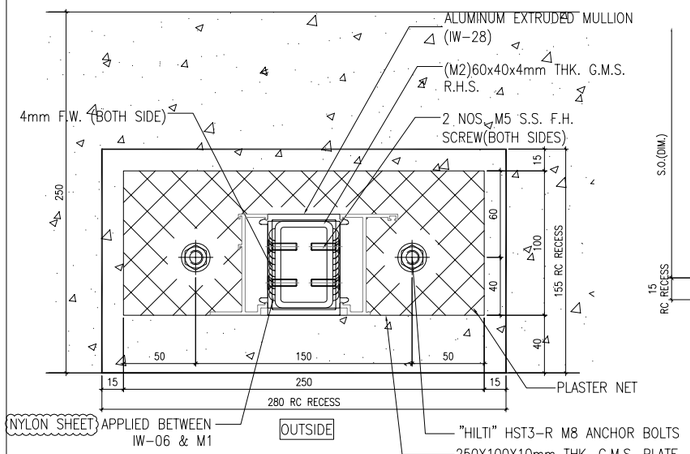


ELEVATION

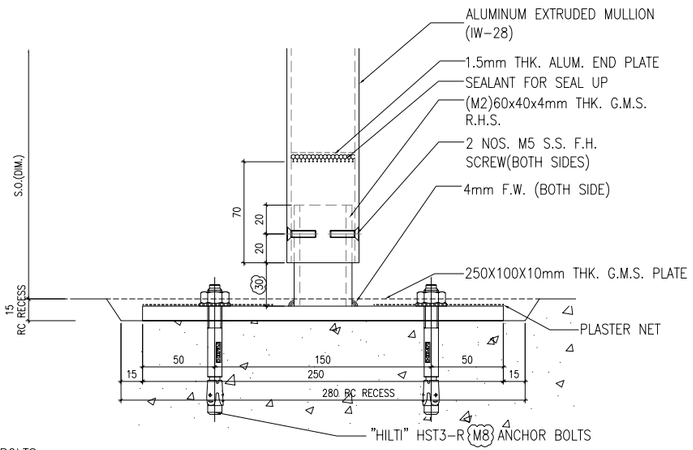


SECTION

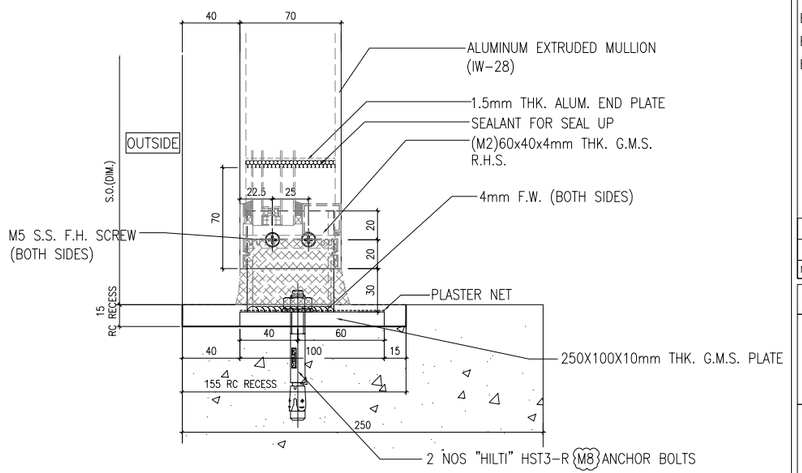
BB3



BOTTOM PLAN



ELEVATION



SECTION

B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners
a r c h i t e c t s

MAIN CONTRACTOR :

怡輝建築有限公司
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 / X001 — 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-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
B	26/04/2023	REVISION SUBJECT TO ALPHA COMMENT	Ivan
A	16/02/2023	REVISION SUBJECT TO ALPHA 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 :
FIXING DETAILS OF IN-SITU

DATE : 21-Jun-22 | SCALE : 1:4

DRAWN BY : Ivan | CHECKED BY :

美特鋁製有限公司
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-FD03 | REV. : B