

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- 5319B	修改版本:	B
	HK- 0156		
工程編號:	J 856	工程名稱:	天榮站
收件人:	生統/技術部	發件人:	Lai Sik Hung
工程項目:	工地窗大圖 拆圖(修訂B:更新至10th Shop Drawing)	日期:	06/02/2023

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

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

內容: 修訂B : 更新至10th Shop Drawing 工地窗大圖 拆圖 請安排儘快處理
完成上列要求日期: ASAP

國內

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

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

*發件人簽署:	鴻	*組別成員批核簽署:	6/2/2023
傳遞編號:		項目經理簽署:	鴻

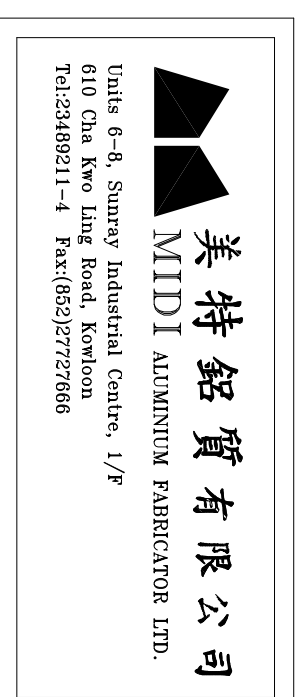
PROJECT :

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

10

SHOP DRAWING FOR IN-SITU WINDOW OF TOWER

DATE: 10/01/2023



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

DWG NO. : J856-SD-IW-0000 REV. : 1

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										SUBMISSION STATE (FOR B/D / A.S.D)			SUBMISSION STATE (FOR CLIENT / CONSULTANT)			SUBMISSION STATE (FOR ARCHITECT)			FABRICATION / CONSTRUCTION STATE				
	ISSUE	1	2	3	4	5	6	7	8	9	AP - APPROVED			AP - APPROVED			AP - APPROVED			ISSUE TO CHINA OFFICE	ISSUE TO SITE	ISSUE TO SUB-CONTRACTOR		
	DAY	15	16	24	13	24	1	27	29	16	AC - APPROVED SUB. TO CONDITION			AC - APPROVED SUB. TO CONDITION			AC - APPROVED SUB. TO CONDITION							
	MONTH	9	11	11	1	6	8	8	11	01	NA - NOT APPROVED			NA - NOT APPROVED			NA - NOT APPROVED							
YEAR	21	21	21	22	22	22	22	22	23															
DRAWING TITLE	DWG. NO.	REVISIONS										COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE
COVER PAGE	J856-SD-IW-0000	-	A	B	C	D	F	G	H	I														
DRAWING REGISTER	J856-SD-IW-0001	-	A	B	C	D	E	F	G	H														
DRAWING REGISTER	J856-SD-IW-0002	-	A	B	C	D	E	F	G	H														
DRAWING REGISTER	J856-SD-IW-0003	-	A	B	C	D	E	F	G	H														
GENERAL NOTES FOR IN-SITU WINDOW	J856-SD-IW-GND1	-	-	-	-	-	-	-	-	A														
GENERAL NOTES FOR IN-SITU WINDOW	J856-SD-IW-GND2	-	-	-	-	-	-	-	-	-														
EXTRUSION LIST FOR IN-SITU WINDOW	J856-SD-IW-1101	-	A	A	A	A	A	A	A	A														
EXTRUSION LIST FOR IN-SITU WINDOW	J856-SD-IW-1102	-	A	A	A	B	C	D	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														
PLAN FOR IN-SITU WINDOW AT TOWER 1	J856-SD-IW-3102	-	-	A	B	C	C	D	E	F														
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														
PLAN FOR IN-SITU WINDOW AT TOWER 2	J856-SD-IW-3202	-	-	A	B	C	D	D	E	F														
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														
PLAN FOR IN-SITU WINDOW AT TOWER 3	J856-SD-IW-3302	-	-	A	B	C	D	D	E	F														
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														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5102	-	A	B	B	C	D	E	E	F														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5103	-	A	B	B	C	D	E	E	F														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5104	-	A	B	B	C	D	E	E	F														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5105	-	A	B	B	C	D	E	E	F														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5106	-	A	B	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	C														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5108	-	A	B	B	C	C	C	C	C														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5109	-	A	B	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														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5111	-	A	B	B	C	D	D	D	E														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5112	-	A	B	B	C	D	D	D	E														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5113	-	-	-	-	-	-	-	-	A														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5113A	-	-	-	-	-	-	-	-	-														
WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW	J856-SD-IW-5114	-	-	-	-	-	-	-	-	A														
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	-	-	-	-	-	-	-	-	-														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5201	-	A	B	B	C	D	E	E	F														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5202	-	A	B	B	C	D	E	E	F														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5203	-	A	B	B	C	D	E	E	F														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5204	-	A	B	C	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														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5206	-	A	B	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	C														

IN-HOUSE DESIGN CHECKER




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DWG NO. : J856-SD-IW-0001 REV. : H

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									SUBMISSION STATE (FOR B/D / A.S.D)		SUBMISSION STATE (FOR CLIENT / CONSULTANT)		SUBMISSION STATE (FOR ARCHITECT)		FABRICATION / CONSTRUCTION STATE								
	ISSUE	1	2	3	4	5	6	7	8	9	AP - APPROVED	AC - APPROVED SUB. TO CONDITION	AP - APPROVED	AC - APPROVED SUB. TO CONDITION	AP - APPROVED	AC - APPROVED SUB. TO CONDITION	ISSUE TO CHINA OFFICE	ISSUE TO SITE	ISSUE TO SUB-CONTRACTOR					
	DAY	15	16	24	13	24	1	27	29	10														
	MONTH	9	11	11	1	6	8	8	11	01														
YEAR	21	21	21	22	22	22	22	22	23															
DRAWING TITLE	DWG. NO.	REVISIONS									COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5208	-	A	B	B	C	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														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5212	-	A	B	B	B	C	C	C	D														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5213	-	A	B	B	B	C	D	D	E														
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5214	-																						
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5214A	-																						
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5215	-																						
WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW	J856-SD-IW-5216	-																						
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5301	-	A	B	B	C	D	E	F	G														
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5302	-	A	B	B	C	D	E	F	G														
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														
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	D	D															
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														
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															
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5313	-	A	B	B	C	D	E	F															
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5314	-	A	B	C	D	D	D	E															
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5315	-	A	B	B	C	C	D	E															
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5316	-	A	B	B	B	B	B	C															
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	-																						
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5319	-																						
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5320	-																						
WINDOW SCHEDULE FOR TOWER 3 IN-SITU WINDOW	J856-SD-IW-5321	-																						
WINDOW SCHEDULE FOR TOWER IN-SITU WINDOW	J856-SD-IW-5401	-																						
WINDOW SCHEDULE FOR TOWER IN-SITU WINDOW	J856-SD-IW-5402	-																						
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6001	-	-	-	A	A	B	B	B															
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6002	-	-	-	A	A	B	B	B															
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															
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															
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6007	-	A	A	A	A	A	C	C															
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	-																						
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-6009	-																						
TYPICAL DETAILS FOR IN-SITU WINDOW	J856-SD-IW-7001	-	A	B	B	C	C	C	C															

IN-HOUSE DESIGN CHECKER



美特鋁寶有限公司
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Tel: 23489211-4 Fax: (852) 27727666
DWG NO.: J856-SD-IW-0002 REV.: H

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 APP3)
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.

HEIGHT ABOVE GROUND LEVEL
 BASIC WIND PRESSURE
 TOPOGRAPHY FACTOR (S_z)
 PRESSURE COEFFICIENT (C_{pe})
 DESIGN WIND PRESSURE

VERTICAL SURFACE
 <148.3m
 3.04kPa
 1.00
 +1.0/-1.4
 +3.04/-4.26kPa

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 CONCENTRATION OF PEOPLE IS NOT EXPECTED	0.75	1.0	0.5

STEEL

ALL STRUCTURAL STEEL SECTIONS SHALL BE GRADE S275 JO 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 1461 WITH MIN 85 μ m 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 (S_d16mm) 275MPa
 DESIGN STRENGTH (S_d40mm) 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
 0.2% PROOF STRESS 6063-T6 6061-T6
 MINIMUM TENSILE STRENGTH 160MPa 240MPa
 DESIGN TENSILE STRENGTH 215MPa 260MPa
 DESIGN SHEAR STRENGTH 311MPa 311MPa
 DESIGN BEARING STRENGTH 828MPa 828MPa
 LIMITING TENSILE STRENGTH 175MPa 260MPa
 LIMITING SHEAR STRENGTH 95MPa 145MPa

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-METALLIC CORROSION (BIPAKEN PAINT ECT.)

ALL EXPOSED SURFACE OF ALUM. EXTRUSION SHALL BE FINISHED WITH PPR2 COATING 40 MICRONS
 ALL SCREWS SHALL BE M5 S3 SCREW SPACING @300/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.O. REF.	TYPE	MINIMUM CONCRETE ANCHORAGE DEPTH (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
BD-4F 149	"HILT" HST3-R M10 SAFETY ANCHOR BOLTS	120	60	45	40	5.00	8.40	1.50 x 5.00 = 7.50	1.342 x 7.50 = 10.065

GLASS

ALL GLASS PANELS SHALL BE COMPLIED WITH BS 962 AND DESIGN TO CODE OF PRACTICE FOR STRUCTURAL USE OF GLASS 2018.

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

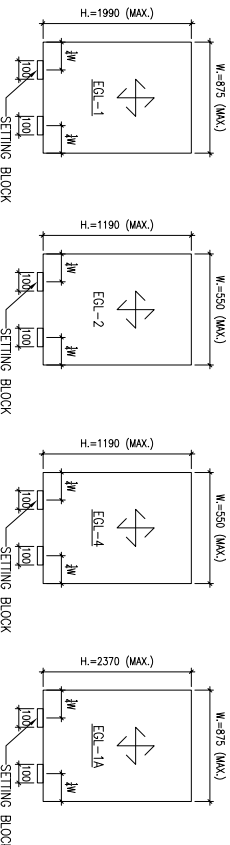
DENSITY 28kN/m³
 YOUNG'S MODULUS 70,000MPa

ULTIMATE DESIGN STRENGTH OF GLASS

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

ALL TEMPERED GLASS SHALL COMPLY WITH HEAT SOAK TEST REQUIREMENT IN ACCORDANCE 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.

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

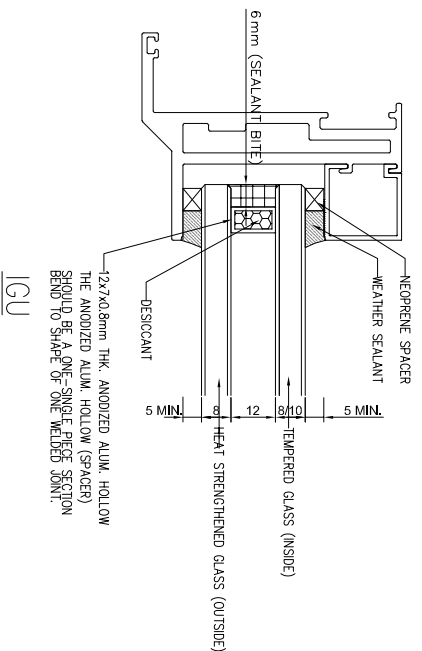


TYPICAL GLASS DETAIL

FOR DOUBLE GLAZING GLASS UNIT (IGU)

QUALITY ASSURANCE DOCUMENT SUCH AS TEST REPORT / CERTIFICATES INDICATING COMPLIES WITH ASTM E2190 OR EQUIVALENT WITH RESPECT TO THE SEAL PERFORMANCE.

FOR INSTALLING GLASS UNIT SHALL BE SUBMITTED BEFORE COMMENCEMENT OF WORK.



SEALANT, GASKET AND SETTING BLOCK

ALL STRUCTURAL SEALANT SHALL BE DOWSIL 983 (BD-SS01), ALLOWABLE STRESS = 138MPa.

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

PVC TAPE TO BE APPLIED BETWEEN DISSIMILAR METAL TO PREVENT BI-METALLIC CORROSION TO PPA48A.

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 STRENGTH 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.

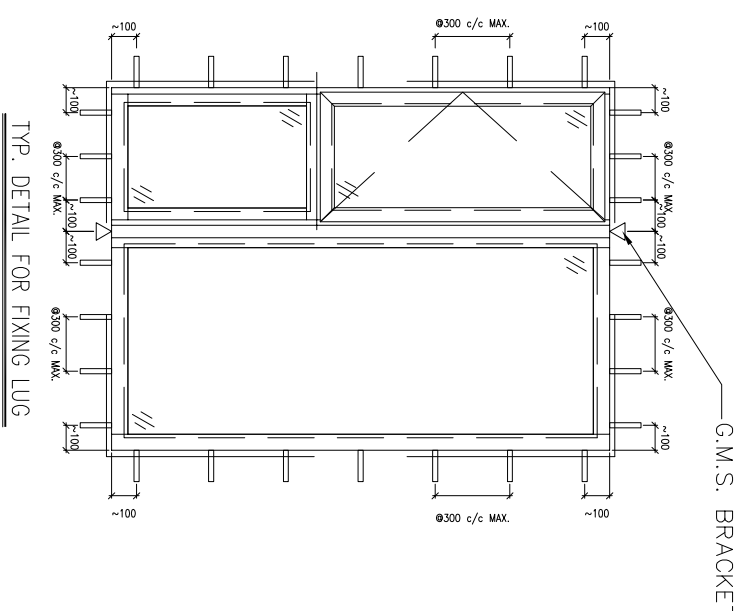
ALL WELD TO BE 5mm THICK FILLET WELD ALL AROUND UNLESS OTHERWISE STATED.
 ALL WELD SHALL BE DONE BY QUALIFIED WELDER TESTED TO BS EN 287-1.

DRIVE PIN

DRIVE PIN TO BE "HILT" X-U PR. DESIGN & INSTALLATION SHOULD BE COMPLIED WITH MANUFACTURER'S RECOMMENDATION RECOMMEND TENSILE OR SHEAR LOAD=1.6KN MIN. EMBED DEPTH=25mm FACTOR OF SAFETY=4.40

FIXING LUG

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



TYP. DETAIL FOR FIXING LUG

B.D. REF :

CLIENT :



42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT : **lwk&partners**
 a f c h i l e o s

MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT :



Steel Structure & Façade 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	REVISION SUBJECT TO ARCH-COMMENT	BY
A	09/01/2023		lwn
		REVISION SUBJECT TO ARCH-COMMENT	lwn

JOB NO. : J-856

PROJECT : PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP-TS/WTL NO.23,AREA 33,TIN SHUI WAL, N.T.

TITLE : GENERAL NOTES FOR ALUM. WINDOW

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

DRAWN BY : lwnn CHECKED BY :

UNITED ALUMINIUM FABRICATOR LTD.
 美特鋁質有限公司
 Units 6-8, Sunny Industrial Centre, 1/F
 610 Cho Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666
 DWG NO. : J856-SD-W-GND01 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

FAÇADE CONSULTANT :

ALPHA CONSULTING LIMITED
Steel Structure & Façade 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

EQ.-1---8mmH+12mm AIR GAP+8mmTP THK. I.G.U.
EQ.-2---10mm THK. CLEAR TEMPERED GLASS
EQ.-4---10mm THK. TEMPERED ACID ETCHED GLASS

NO.	DATE	REVISION	REVISION SUBJECT TO ARCH-COMMENT	BY
F	06/01/2023	REVISION SUBJECT TO ARCH-COMMENT		hwk
E	11/11/2022	UPDATE L4TH 20221109 GBP		hwk
D	22/06/2022	REVISION SUBJECT TO ARCH-COMMENT		hwk
C	13/01/2022	REVISION SUBJECT TO ARCH-COMMENT		hwk
B	23/11/2021	REVISION SUBJECT TO ARCH-COMMENT		hwk
A	09/11/2021	REVISION SUBJECT TO ARCH-COMMENT		hwk

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 : IYON

CHECKED BY :

美特鋁質有限公司
MDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunny Industrial Centre, 1/F
610 Cho Kwong Road, Kowloon
Tel:23489211-4 Fax:(852)27272666

DWG NO. : J856-SD-W-3101 REV. : F



TOWER 1 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

FAÇADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Façade 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

EQ.-1--8mmH+12mm AIR GAP+8mmTP THK. I.G.U.
EQ.-2--10mm THK. CLEAR TEMPERED GLASS
EQ.-4--10mm THK. TEMPERED ACID ETCHED GLASS

NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
G	06/07/2023	REVISION	SUBJECT TO ARCH-COMMENT	hwk
F	11/01/2022	UPDATE	14TH 2022/10/9 GBP	hwk
E	28/07/2022	REVISION	SUBJECT TO ARCH-COMMENT	hwk
D	22/06/2022	REVISION	SUBJECT TO ARCH-COMMENT	hwk
C	13/01/2022	REVISION	SUBJECT TO ARCH-COMMENT	hwk
B	23/11/2021	REVISION	SUBJECT TO ARCH-COMMENT	hwk
A	09/11/2021	REVISION	SUBJECT TO ARCH-COMMENT	hwk

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

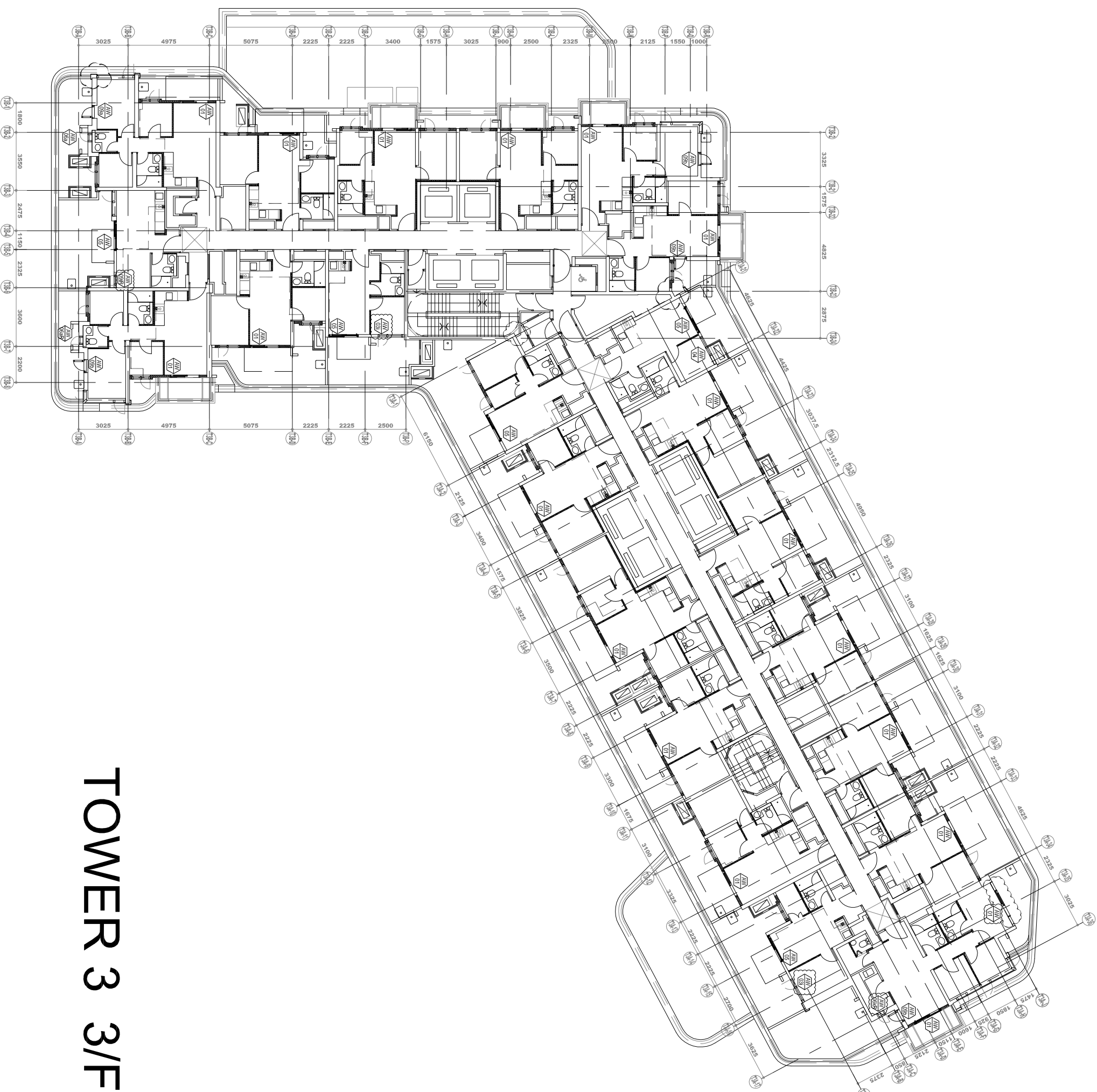
DATE : 02-Aug-21 SCALE : 1:200

DRAWN BY : IYON CHECKED BY :

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

DWG NO. : J856-SD-W-3301 REV. : G

WINDOW MARK	QUANTITY
AW-02	9
AW-02R	10
AW-02a	1
AW-02aR	1
AW-03	5
AW-03R	3
AW-04	7
AW-09R	1



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
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

FAÇADE CONSULTANT :

ARUP
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

EQ.-1--8mmH+12mm AIR GAP+8mmTP THK. I.G.U.
EQ.-2--10mm THK. CLEAR TEMPERED GLASS
EQ.-4--10mm THK. TEMPERED AND ETCHED GLASS

NO.	DATE	REVISION SUBJECT TO ARCH-COMMENT	BY
F	16/01/2023	REVISION SUBJECT TO ARCH-COMMENT	lwn
E	11/11/2022	UPDATE L4TH 20221109 GBP	lwn
D	25/07/2022	REVISION SUBJECT TO ARCH-COMMENT	lwn
C	21/06/2022	REVISION SUBJECT TO ARCH-COMMENT	lwn
B	13/01/2022	REVISION SUBJECT TO ARCH-COMMENT	lwn
A	23/11/2021	REVISION SUBJECT TO ARCH-COMMENT	lwn

JOB NO. : J-856

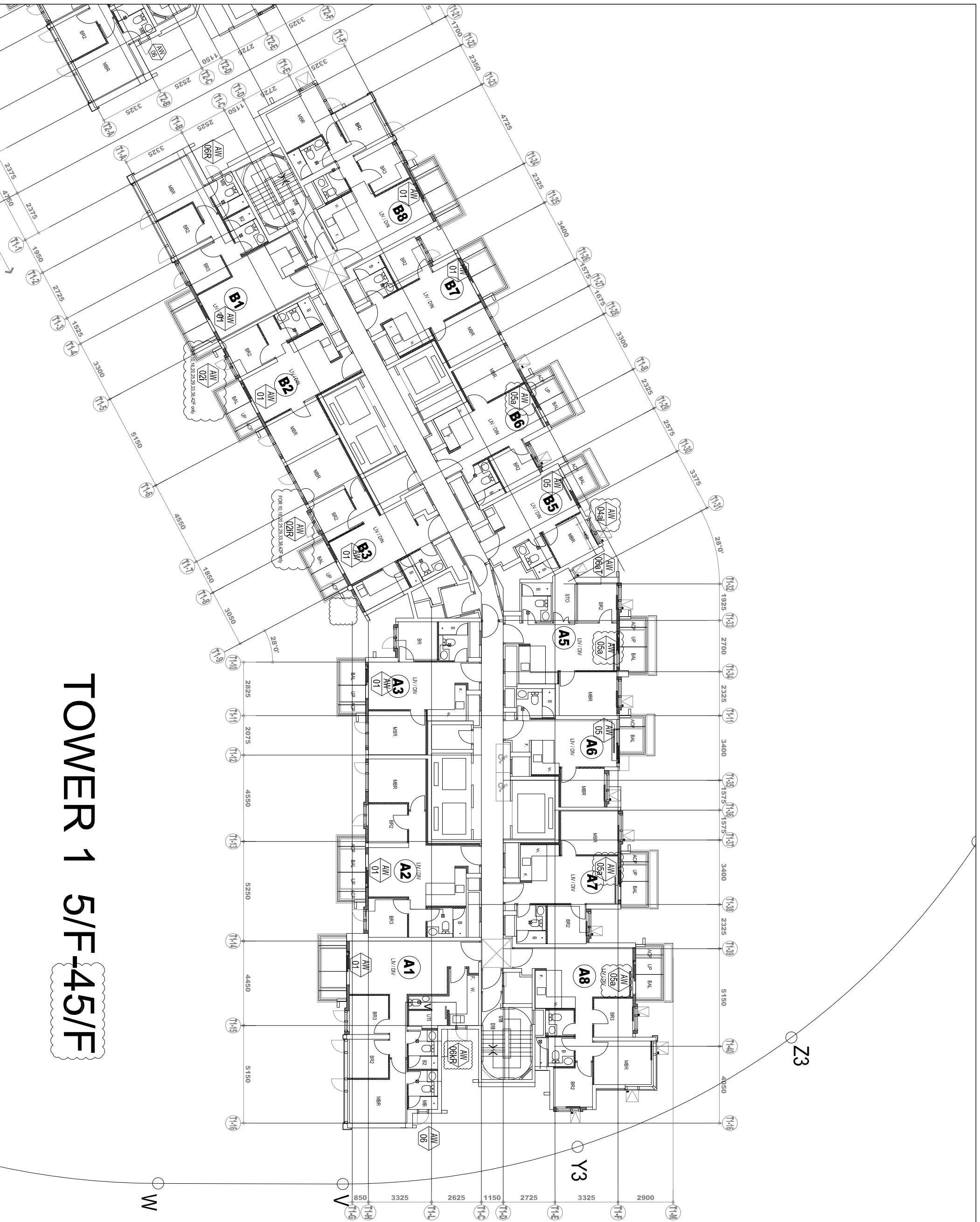
PROJECT : PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP-TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE : PLAN FOR IN-SITU WINDOW AT TOWER 1

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

DRAWN BY : lwnn CHECKED BY :

美特鋁質有限公司
MDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunny Industrial Centre, 1/F
610 Cho Kwong Road, Kowloon
Tel:23489211-4 Fax:(852)27272666
DWG NO. : J856-SD-W-3102 REV : F



TOWER 1 5/F-45/F

B.D. REF :

CLIENT :



42/F, SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT :



Steel Structure & Façade 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

- EQ.-1---8mmH+12mm AIR GAP+8mmTP THK. I.G.U.
- EQ.-2---10mm THK. CLEAR TEMPERED GLASS
- EQ.-4---10mm THK. TEMPERED ACID ETCHED GLASS

NO.	DTE	REVISION	BY
F	09/01/2023	REVISION SUBJECT TO ARCH-COMMENT	hwk
E	11/11/2022	UPDATE 14TH 2022/10/9 GBP	hwk
D	11/07/2022	REVISION SUBJECT TO ARCH-COMMENT	hwk
C	21/06/2022	REVISION SUBJECT TO ARCH-COMMENT	hwk
B	13/01/2022	REVISION SUBJECT TO ARCH-COMMENT	hwk
A	23/11/2021	REVISION SUBJECT TO ARCH-COMMENT	hwk

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

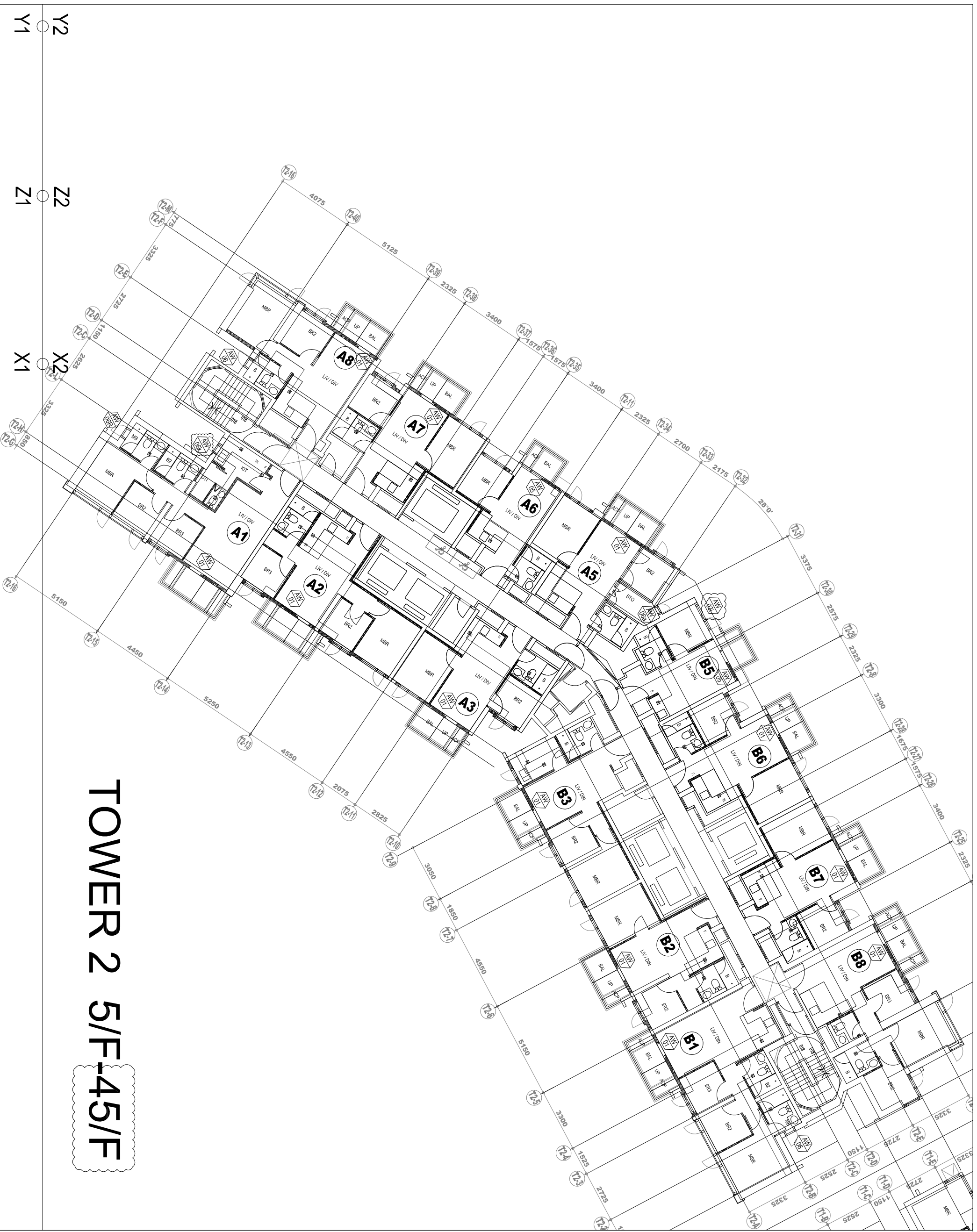
DATE : 02-Aug-21 SCALE : 1:200

DRAWN BY : IYON CHECKED BY :



Units 6-8, Sunray Industrial Centre, 610 Cho Kwong Road, Kowloon Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-IW-3202 REV. : F



TOWER 2 5/F-45/F

LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1-LIV	1.447	1.682	1.591	{2.99}

BD. 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
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

FAÇADE CONSULTANT:

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

EG1-1--8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EG1-2--10mm THK. CRYSTAL GRAY TEMPERED GLASS
EG1-4--10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EG1-1A--8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BB1--FIXING DETAIL (DWG. NO. F001)
BB2--FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

NO.	DATE	REVISION	REASON	BY
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

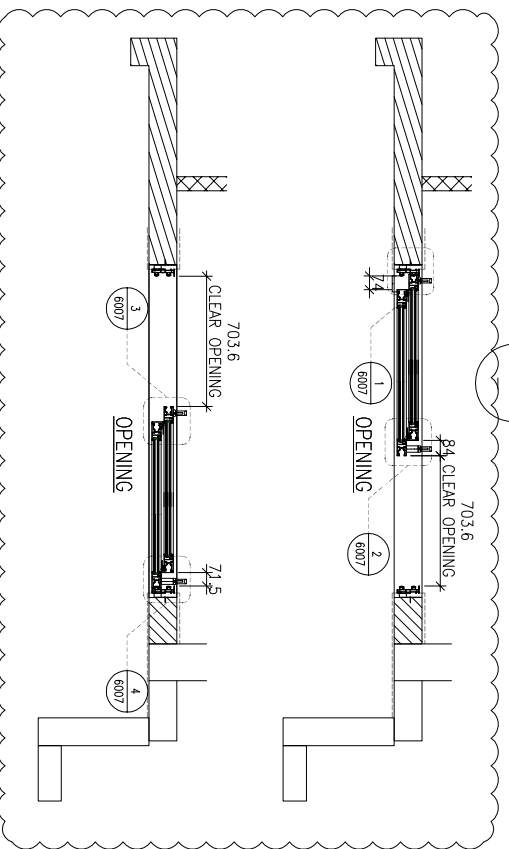
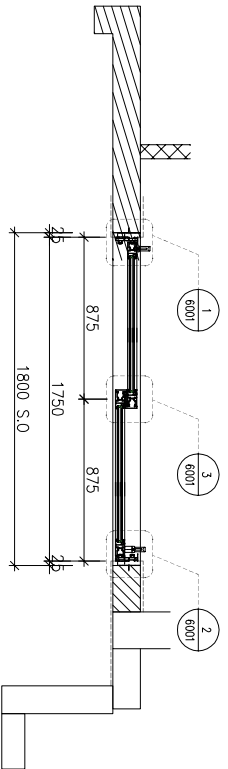
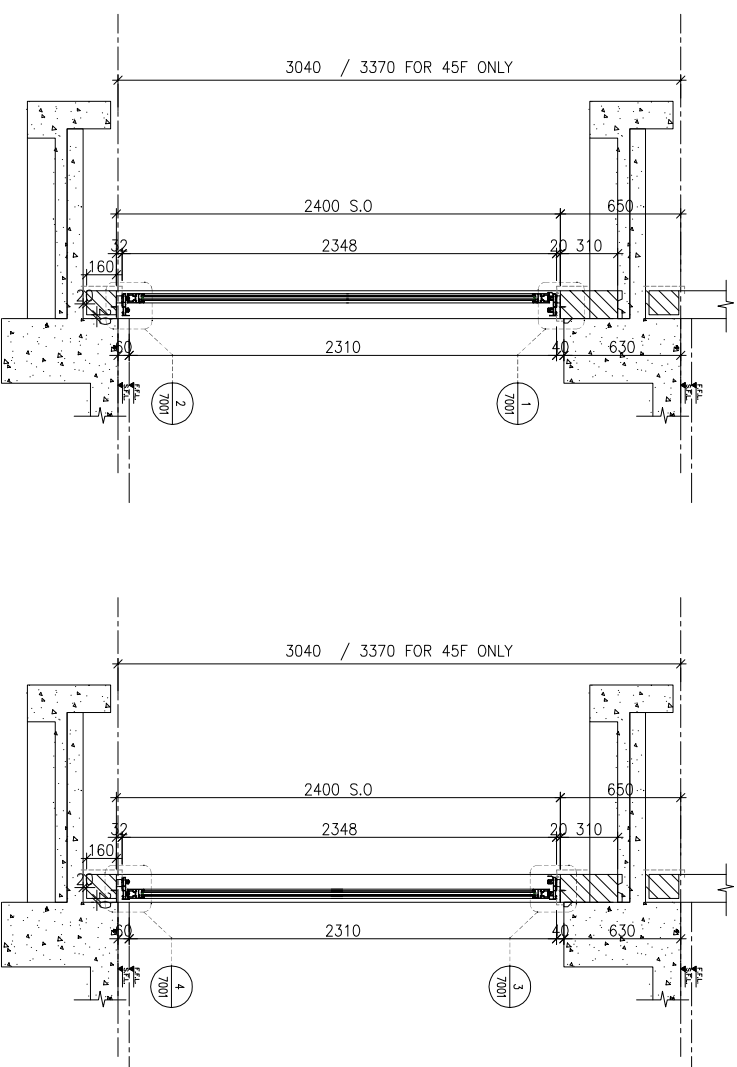
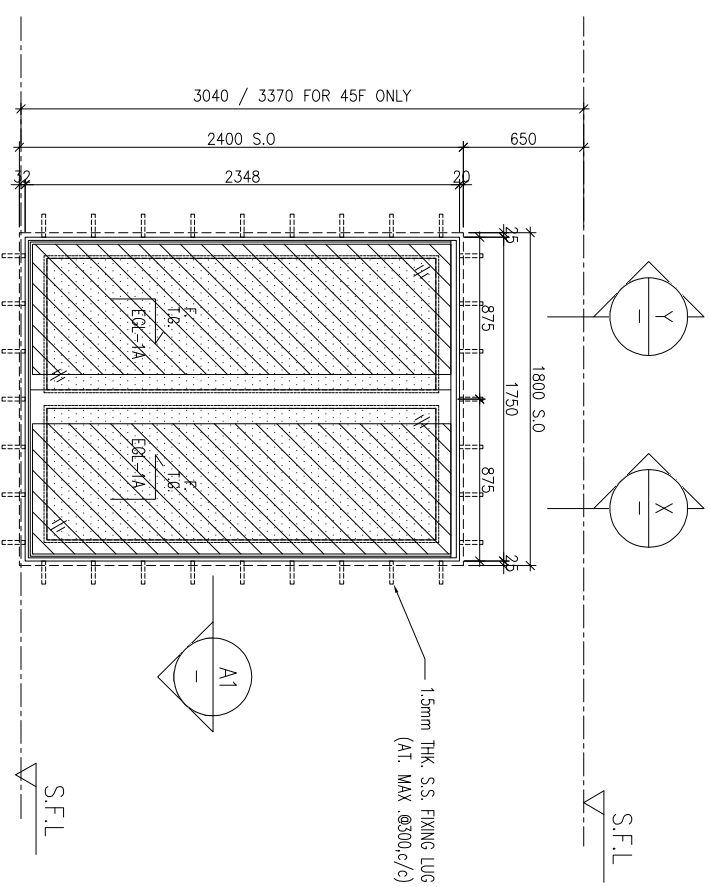
SCALE : 1:40

CHECKED BY :

DRAWN BY : Ivan

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kwai Tsoum
Tel:23489211-4 Fax:(852)2727666
DWG NO. : J856-SD-W-5101

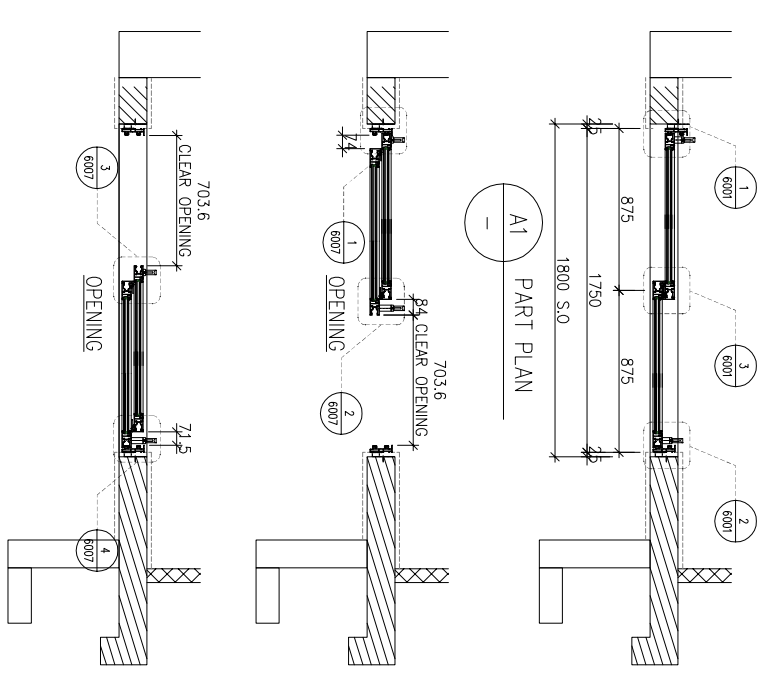
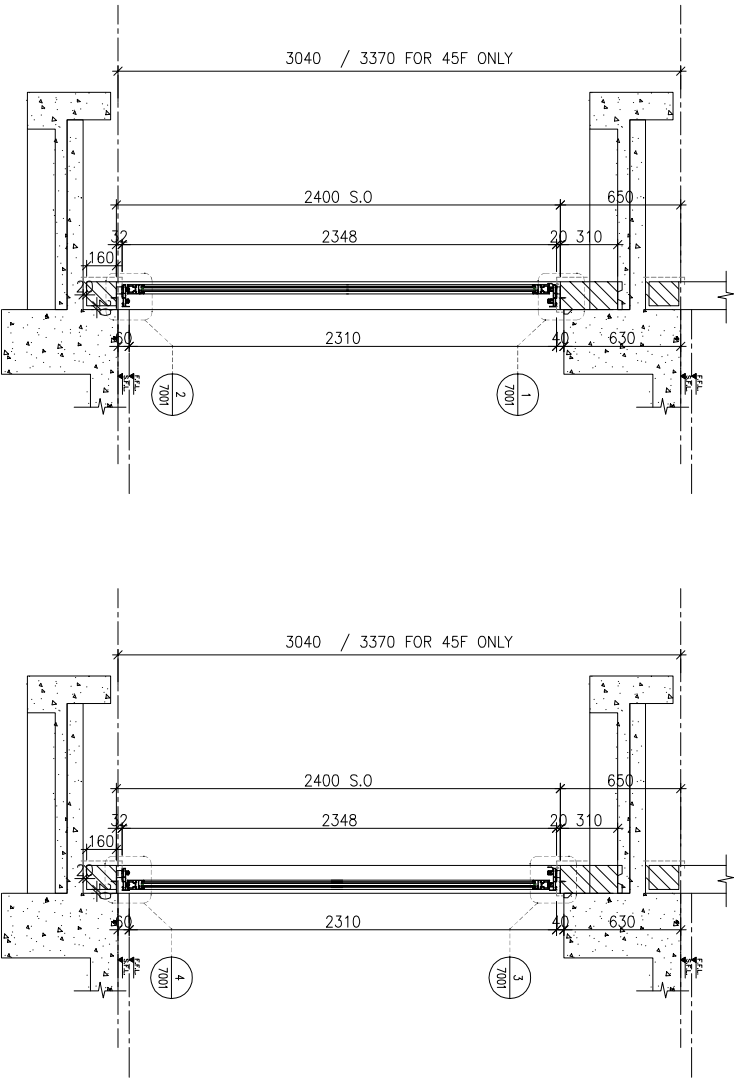
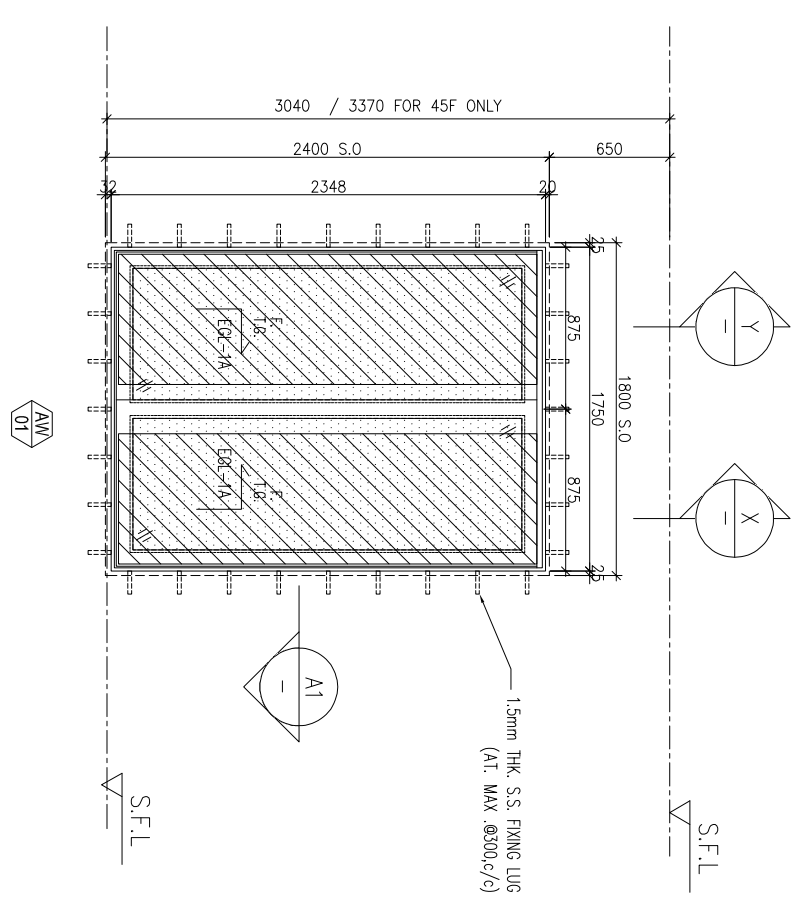
REV : F



ELEVATION

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AW 01	3/F-45/F,4/F,13/F,14/F,24/F,34/F,44/F OMITTED)	70mm ALUM. SECTION	EG1-1A	37 Nos	

REQUIRED		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		



WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AW 01	3/F-(45)/F.13/F.14/F.24/F.34/F.44/F OMITTED) UNIT B3.A2{(A5-3F)}	70mm ALUM. SECTION	EGL-1A	37 Nos./37 Nos./1 No.	

BD. 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**

FAÇADE CONSULTANT : **ALPHA CONSULTING LIMITED**
Steel Structure & Façade 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 --- 6mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EGL-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EGL-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA
OPENABLE AREA

JOB NO. : J-856

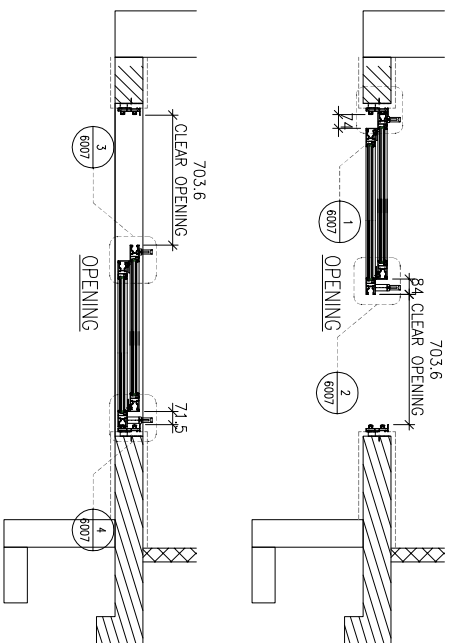
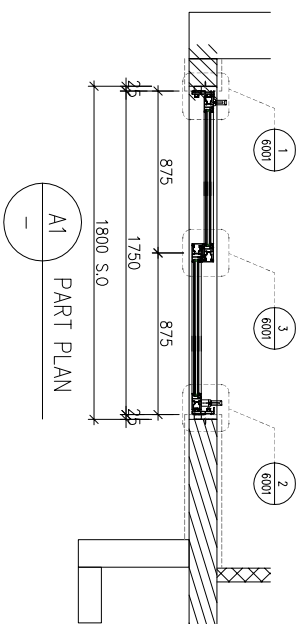
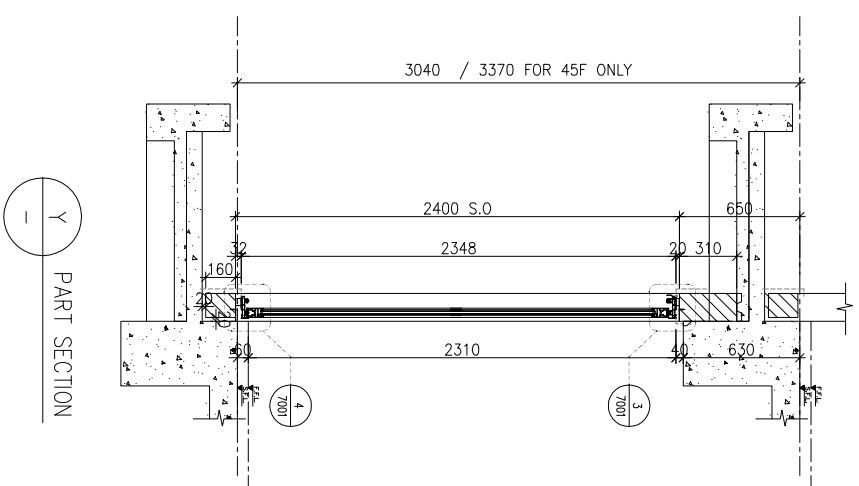
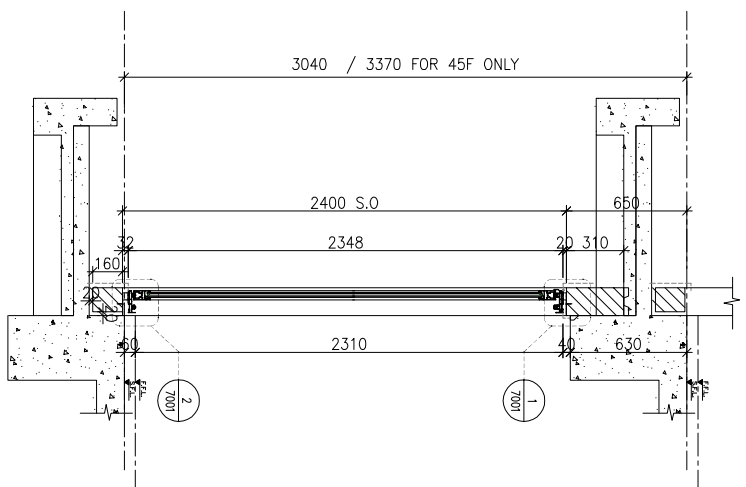
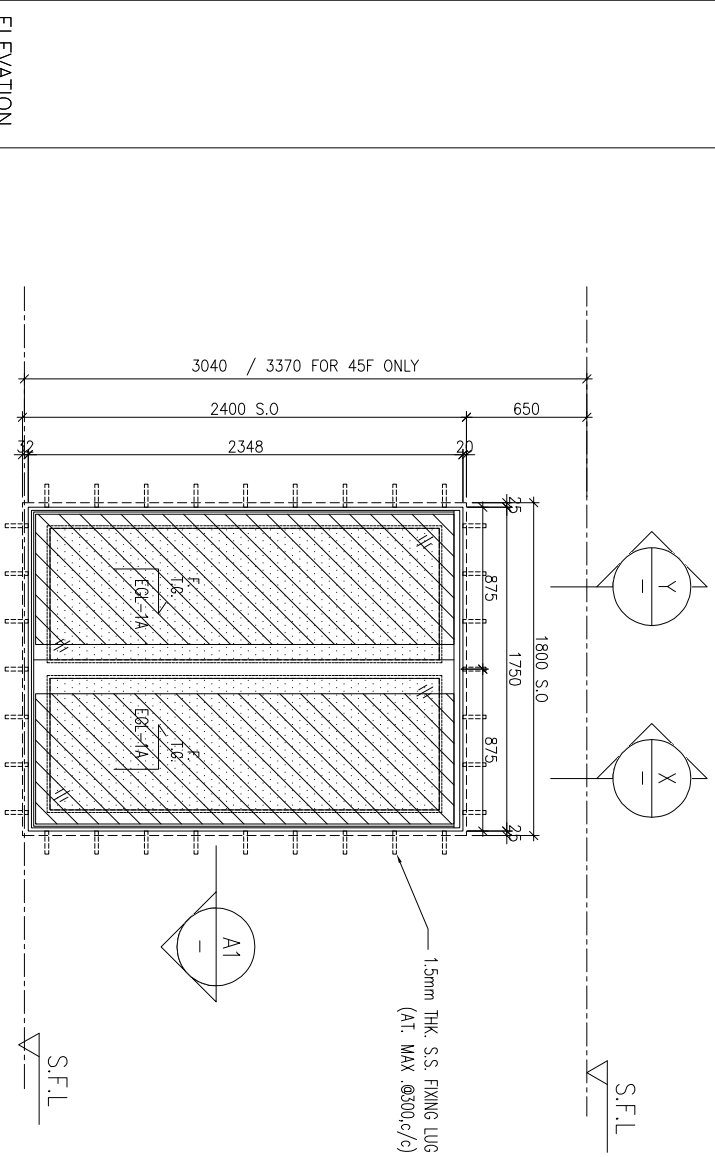
PROJECT : PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP-TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE : WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW

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

Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kwai Tsou
Tel:23489211-4 Fax:(852)2727666
DWC NO. : J856-SD-W-5102 REV : F

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



WINDOW MARK	LOCATION	SECTION	GLAZING QUANTITY	REMARKS
AW 01	3/F-45/F, 4/F, 13/F, 14/F, 24/F, 34/F, 44/F OMITTED	70mm ALUM. SECTION	EGL-1A	
			37 Nos./1 No./37 Nos./37 Nos.	
AW 01	3/F-42/F, 4/F, 13/F, 14/F, 24/F, 34/F, 44/F OMITTED	70mm ALUM. SECTION	EGL-1A	
			35 Nos.	

DEFECTIVE

BD. 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
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

FAÇADE CONSULTANT :

ARUP
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 AND ETCHED GLASS
- EGL-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
- B1/B11 --- FIXING DETAIL (DWG. NO. F001)
- B2 --- FIXING DETAIL (DWG. NO. F002)

- [Pattern] GLAZING AREA
- [Pattern] OPENABLE AREA

NO.	DATE	REVISION	REVISION SUBJECT TO ARCH-COMMENT	BY
F	16/01/2023	REVISION SUBJECT TO ARCH-COMMENT	None	None
E	26/08/2022	REVISION SUBJECT TO ARCH-COMMENT	None	None
D	28/07/2022	REVISION SUBJECT TO ARCH-COMMENT	None	None
C	22/06/2022	REVISION SUBJECT TO ARCH-COMMENT	None	None

JOB NO. : J-856

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

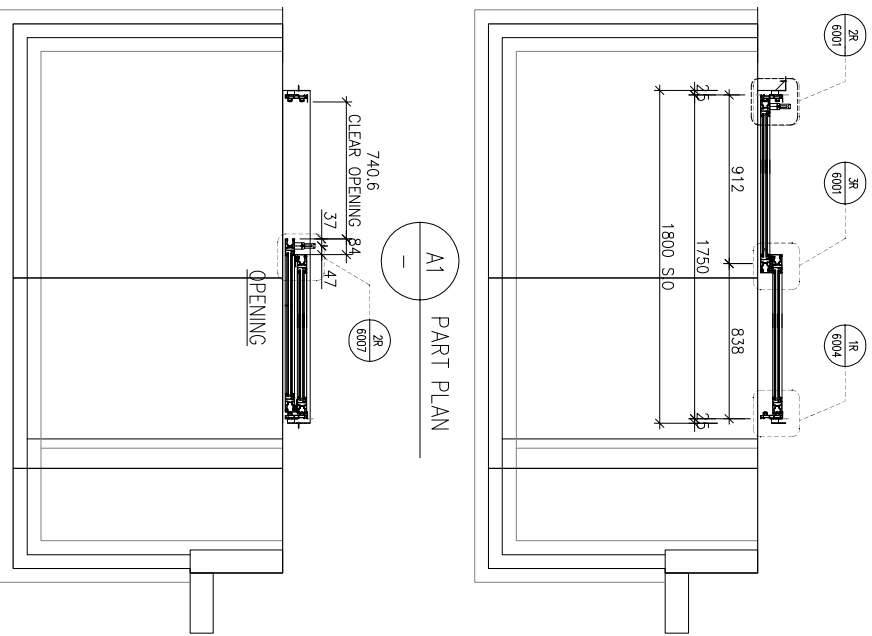
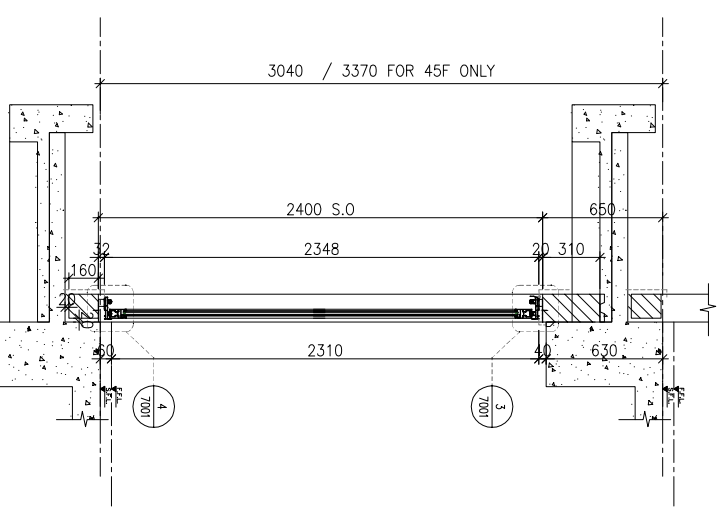
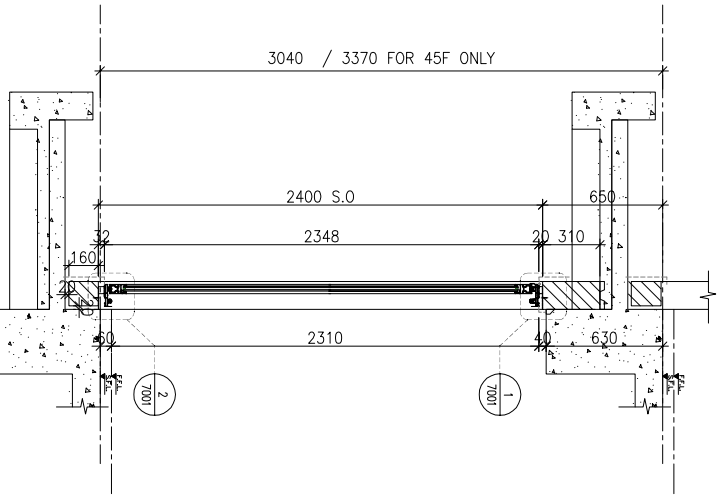
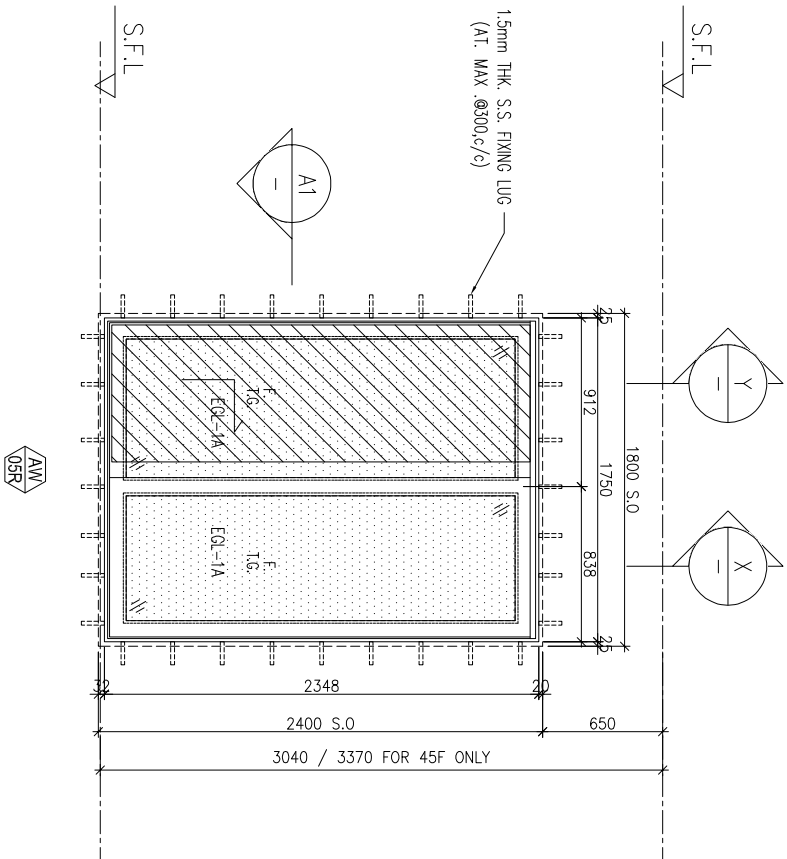
TITLE : WINDOW SCHEDULE FOR TOWER 1 IN-SITU WINDOW

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

DRAWN BY : IYON CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kwai Tsoum
Tel:23489211-4 Fax:(852)2727666
DWG NO. : J856-SD-W-5103 REV : F

REQUIRE		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	GLAZING AREA
A8-LIV	1,479	1,656	1,675
A7-LIV	1,210	1,427	{2,99}
A5-LIV	1,198	1,409	
B6-LIV	1,196	1,405	



ELEVATION

WINDOW MARK	LOCATION	SECTION	QUANTITY	REMARKS
AW 05d	5/F-42/F(13/F,14/F,24/F,34/F OMITTED) UNIT A5, A7, A8, B6	70mm ALUM. SECTION	36 Nos / 36 Nos / 36 Nos / 36 Nos	FAÇADE(TYPE T1PF07 FOR 5/F-42/F)

BD. REF :

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

ARCHITECT :
 IWK&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
 ALPHA CONSULTING LIMITED
 Steel Structure & Façade Specialist

FAÇADE CONSULTANT:

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 --- 6mmHS+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 --- 6mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
- B11/BB1 --- FIXING DETAIL (DWG. NO. F001)
- BB2 --- FIXING DETAIL (DWG. NO. F002)
- GLAZING AREA
- OPENABLE AREA

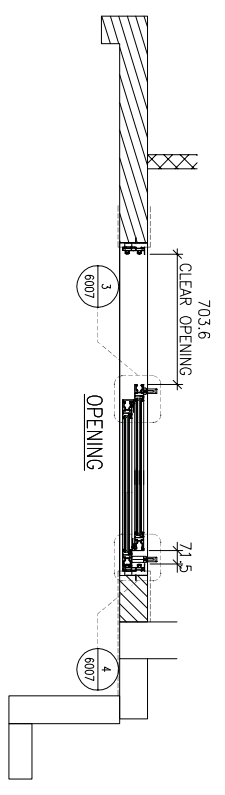
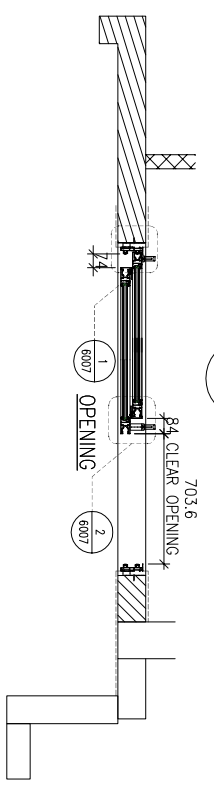
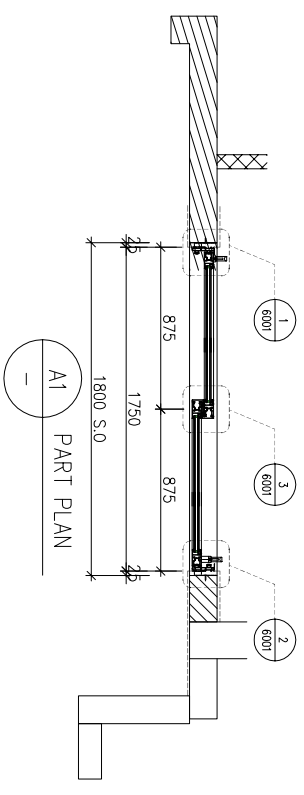
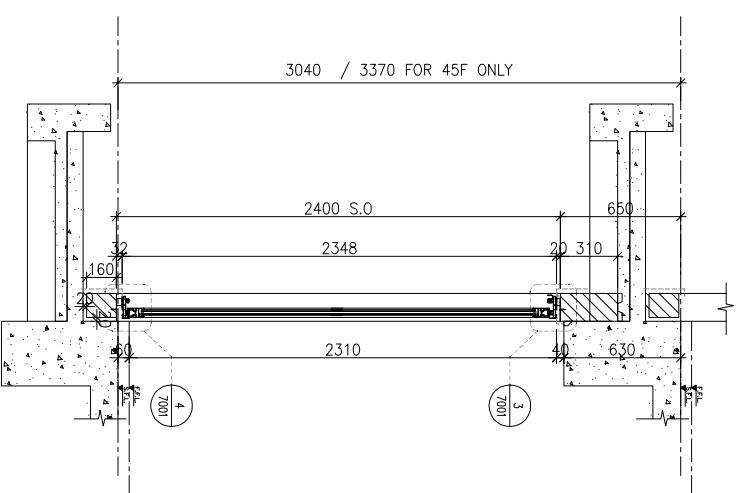
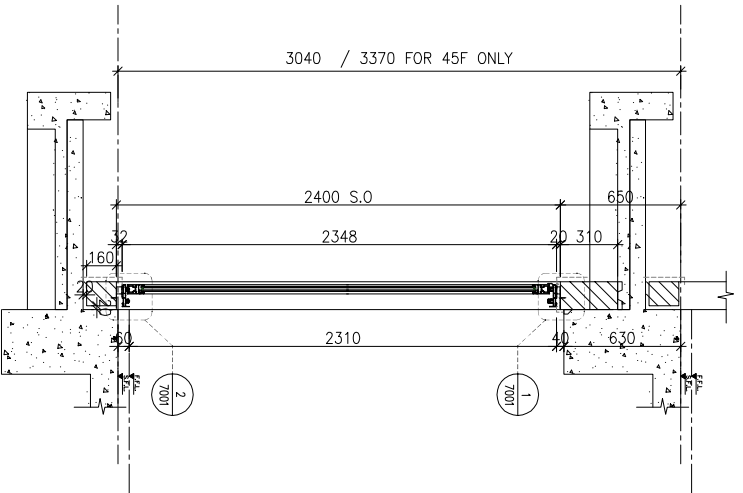
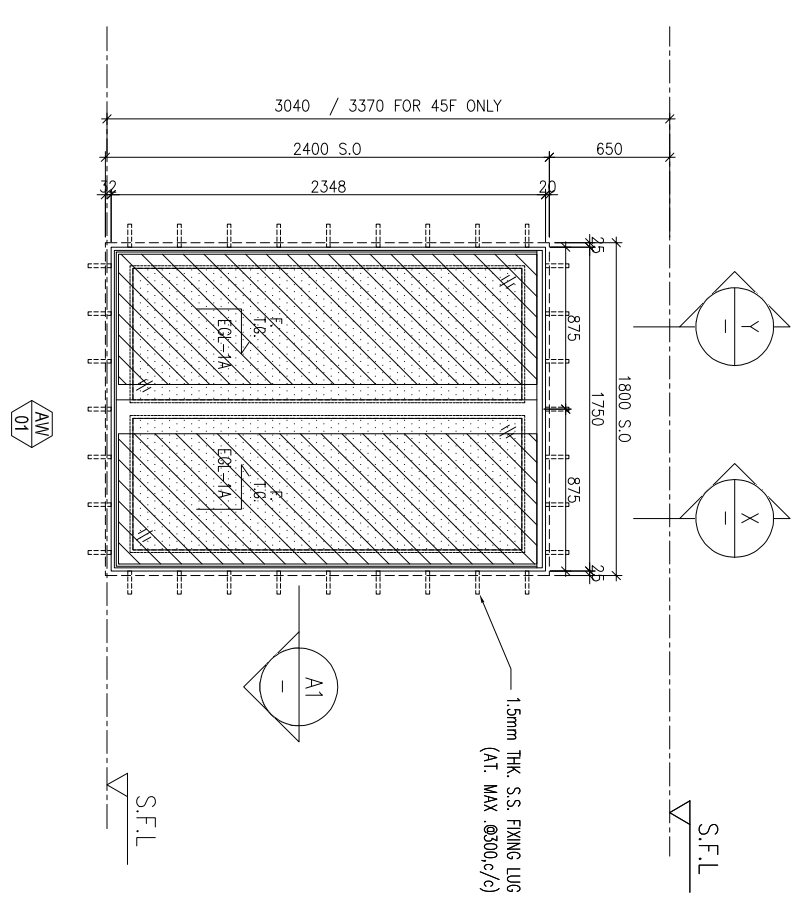
NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
C	16/01/2022	REVISION SUBJECT TO ARCH-COMMENT		hwn
B	23/11/2021	REVISION SUBJECT TO ARCH-COMMENT		hwn
A	10/11/2021	REVISION SUBJECT TO ARCH-COMMENT		hwn

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 : IYVN CHECKED BY :

美特鋁質有限公司
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cho Kwai Ling Road, Kwai Tsoum
 Tel:23489211-4 Fax:(852)2727666
 DWG NO. : J856-SD-W-5104 REV : C

REQUIRED		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	GLAZING AREA
A8-LIV	1,479	1,656	1,591
B1-LIV	1,414	1,755	{2,99}
B8-LIV	1,641	1,792	



BD. 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**
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

FAÇADE CONSULTANT :

- 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

- EQ1-1---8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
 - EQ1-2---10mm THK. CRYSTAL GRAY TEMPERED GLASS
 - EQ1-4---10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
 - EQ1-1A---8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 - B1/B1B1---FIXING DETAIL (DWG. NO. F001)
 - B82---FIXING DETAIL (DWG. NO. F002)
- GLAZING AREA
- OPENABLE AREA

NO.	DATE	REVISION	REVISION SUBJECT TO ARCH-COMMENT	BY
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	
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 :

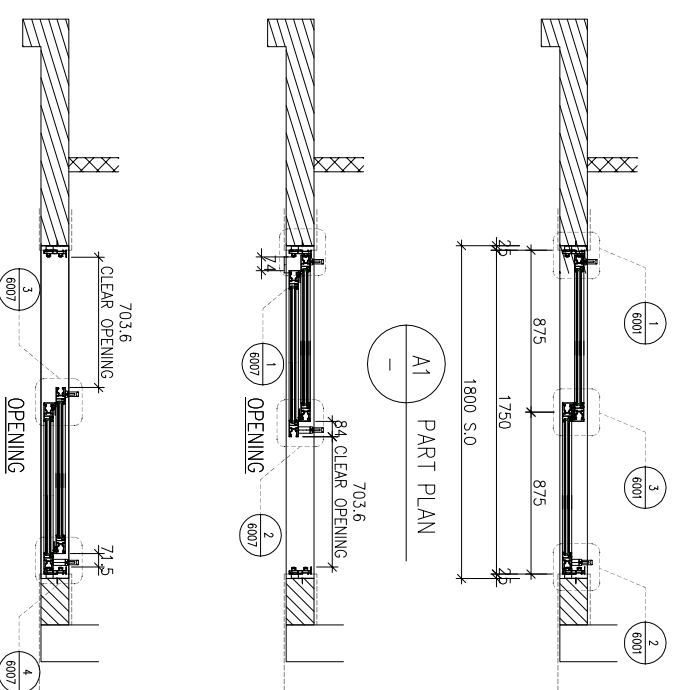
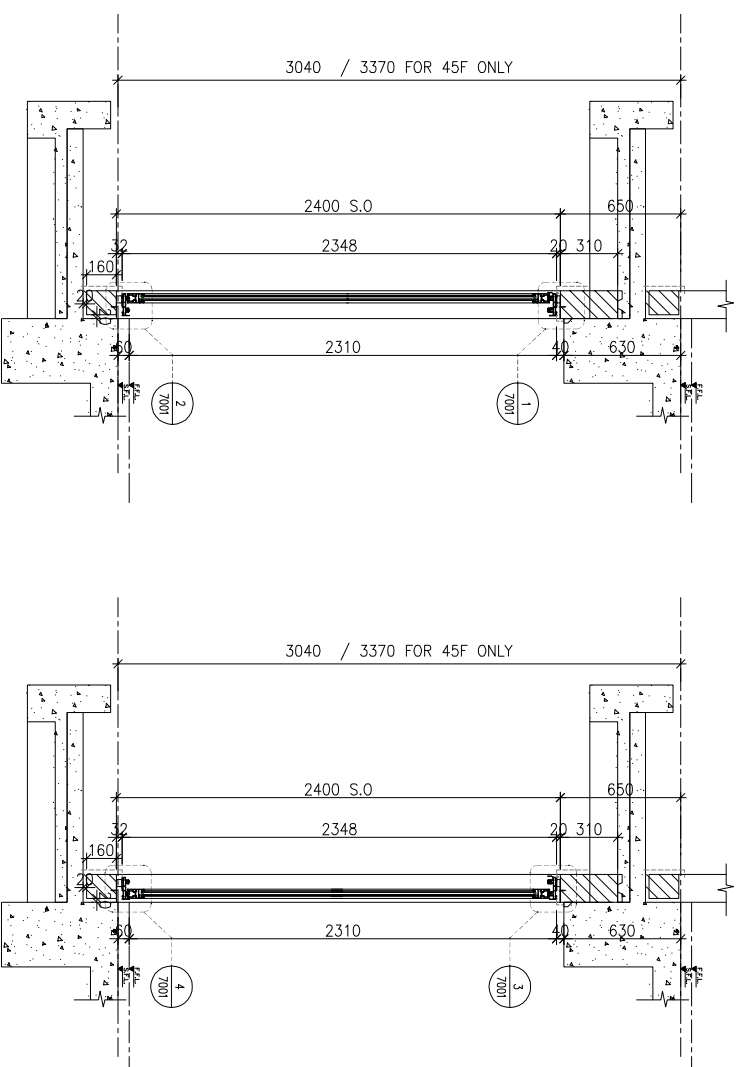
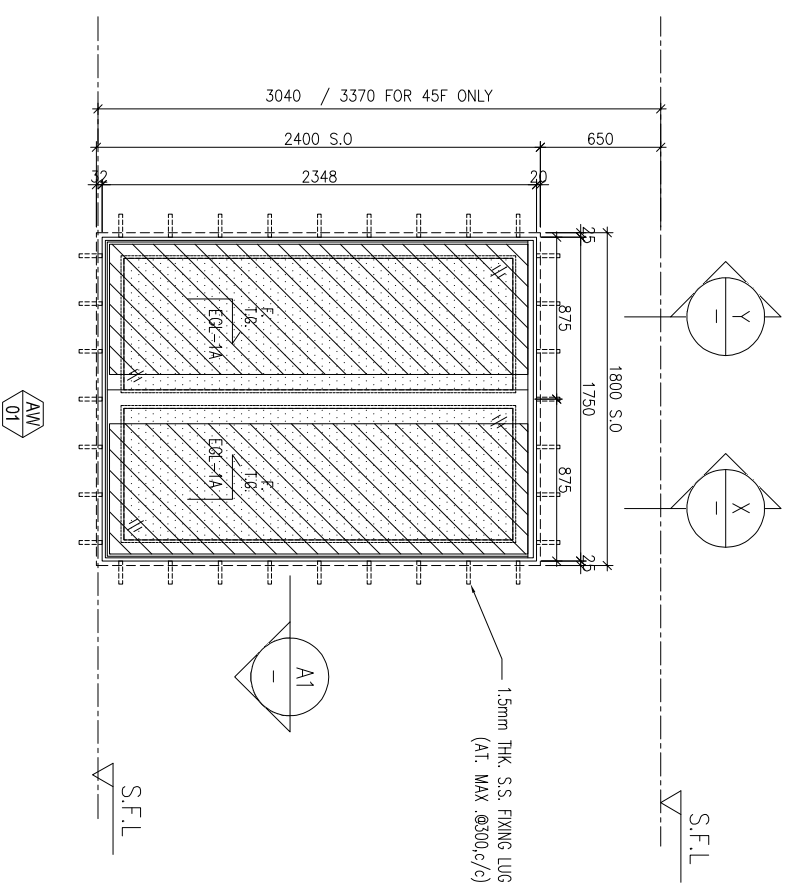
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-W-5105 REV : F

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AW 01	3/F, 45/F, 13/F, 14/F, 24/F, 34/F, 44/F (OMITTED) UNIT {A8-3F}, B1, B8	70mm ALUM. SECTION	EQ1-1A	1 No./37 Nos./37 Nos.	

ELEVATION

REQUIRED		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		



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

BD. 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

FAÇADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Façade 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 --- 6mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EGL-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EGL-1A --- 6mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA
OPENABLE AREA

NO.	DWG	REVISION	BY
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

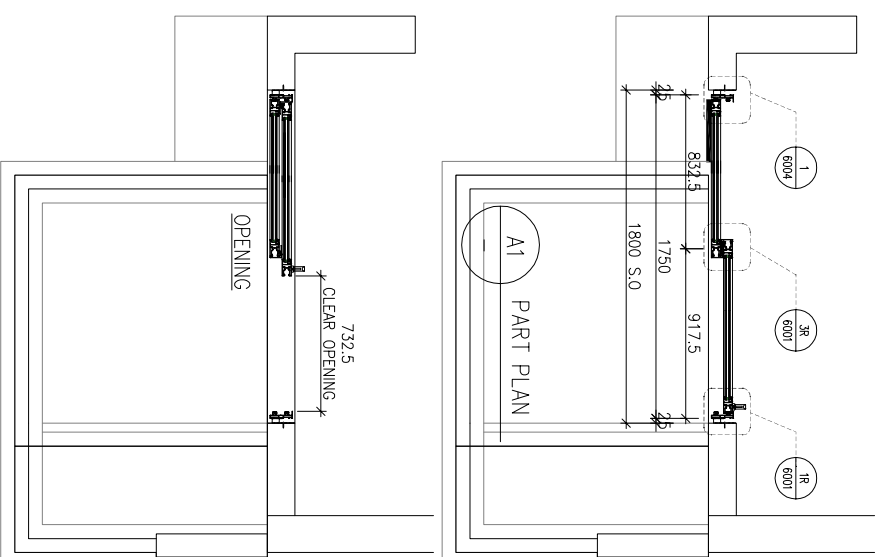
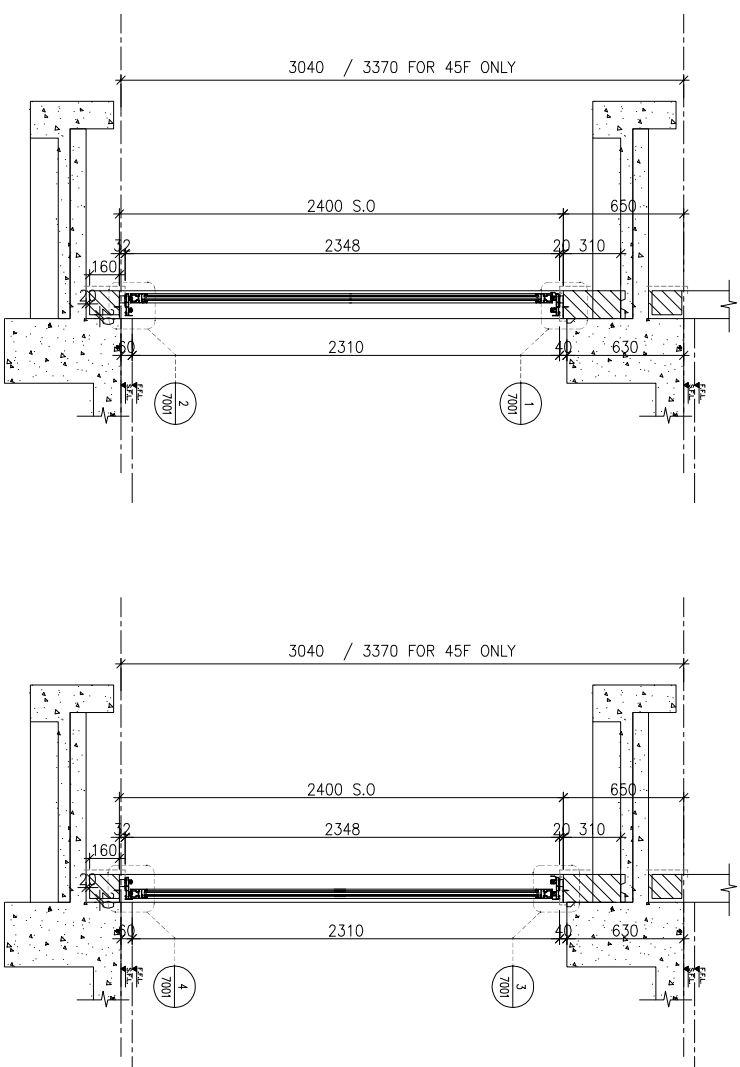
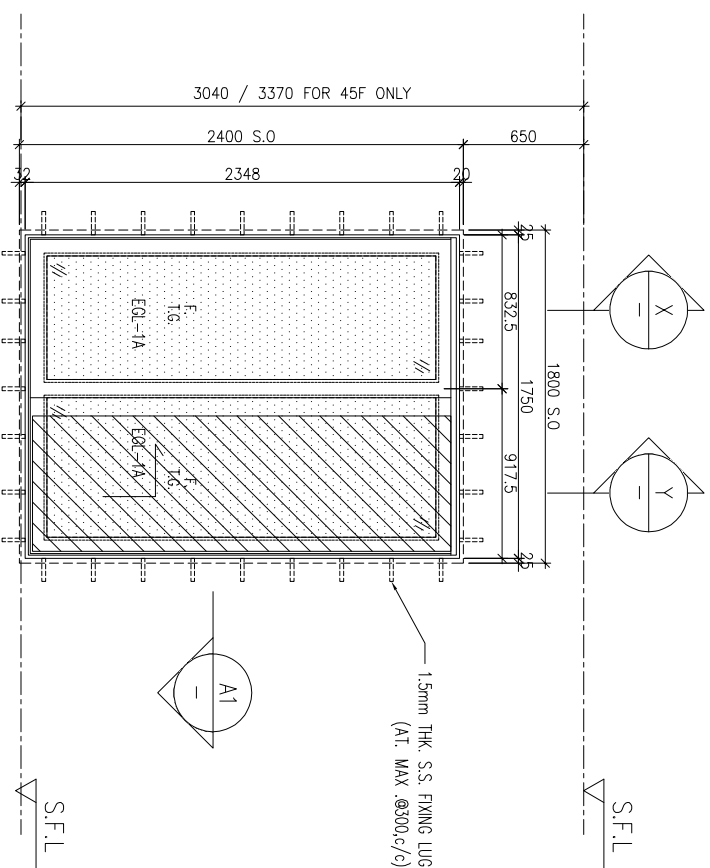
DRAWN BY : Ivan

CHECKED BY :

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

DWG NO. : J856-SD-W-5110 REV : D

REQUIRED		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA
A6-LIV	1,108	1,264	1,657
			{2,99}



WINDOW MARK	AW 05
LOCATION	5/F-45/E13/F.14/F.24/F.34/F.44/F OMITTED) UNIT A6
SECTION	70mm ALUM. SECTION
GLAZING	EG1-1A
QUANTITY	36 Nos
REMARKS	

BD. 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

FAÇADE CONSULTANT :

ALPHA CONSULTING LIMITED
Steel Structure & Façade 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

EG1-1 --- 6mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EG1-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EG1-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EG1-1A --- 6mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
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 1 IN-SITU WINDOW

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

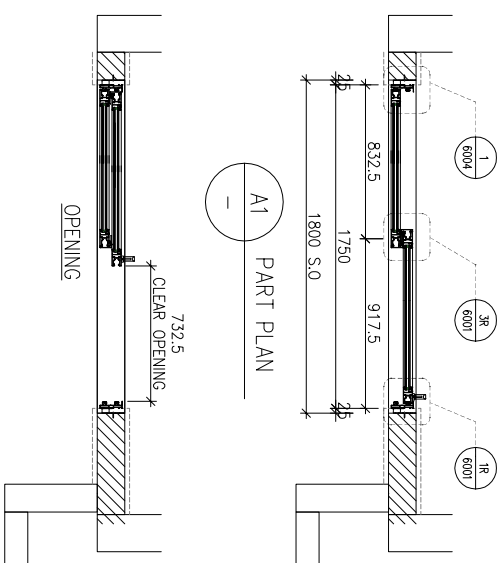
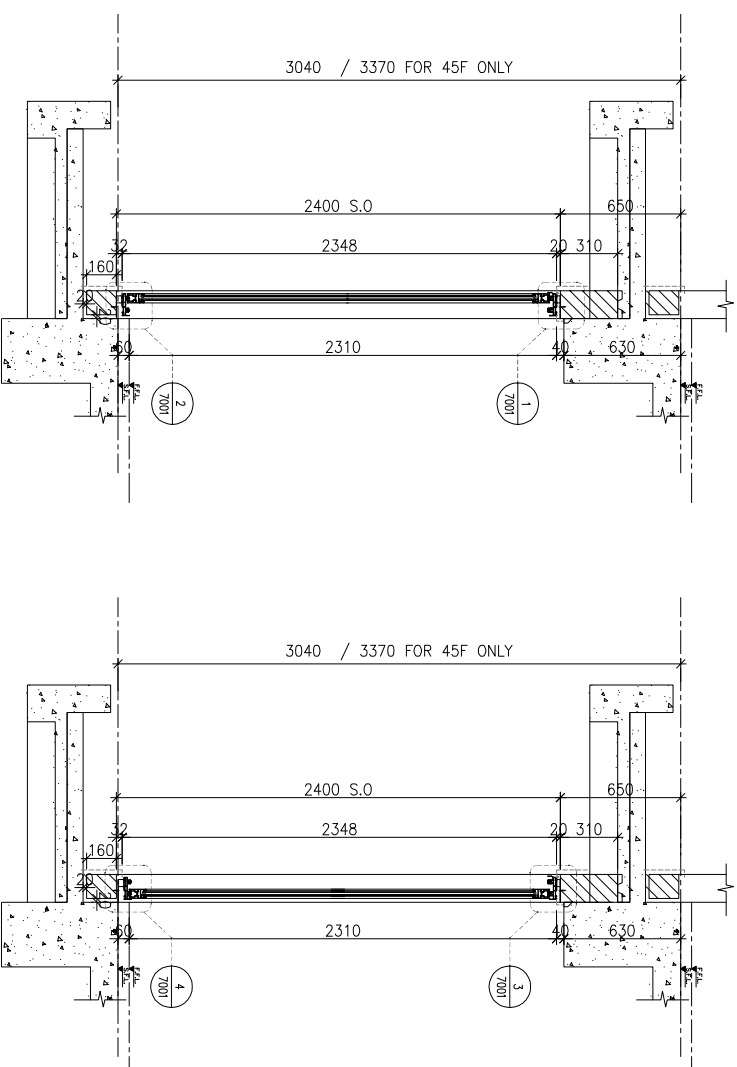
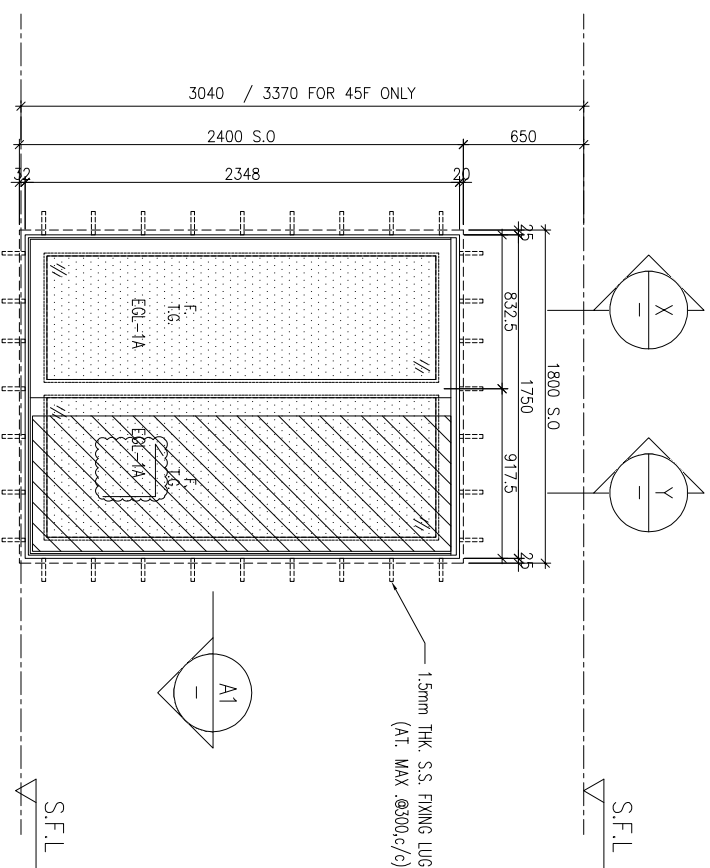
DRAWN BY : ivan CHECKED BY :

美特鋁質有限公司
MIDI ALUMINUM FABRICATOR LTD.

Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kwai Moon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-W-5111 REV. : E

REQUIRED		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA
B5-LIV	0.951	1.053	1.657
			{2.99}



BD. 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**

FAÇADE CONSULTANT : **ALPHA CONSULTING LIMITED**
Steel Structure & Façade 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
- EQ1-1 --- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
 - EQ1-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
 - EQ1-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
 - EQ1-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 - BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
 - BB2 --- FIXING DETAIL (DWG. NO. F002)
- GLAZING AREA
- OPENABLE AREA

NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
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-TSMTL 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 :

UNITAS 6-8 Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kwai Tsoum
Tel:23489211-4 Fax:(852)2727666

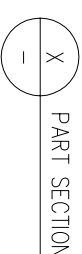
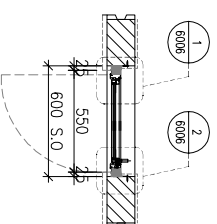
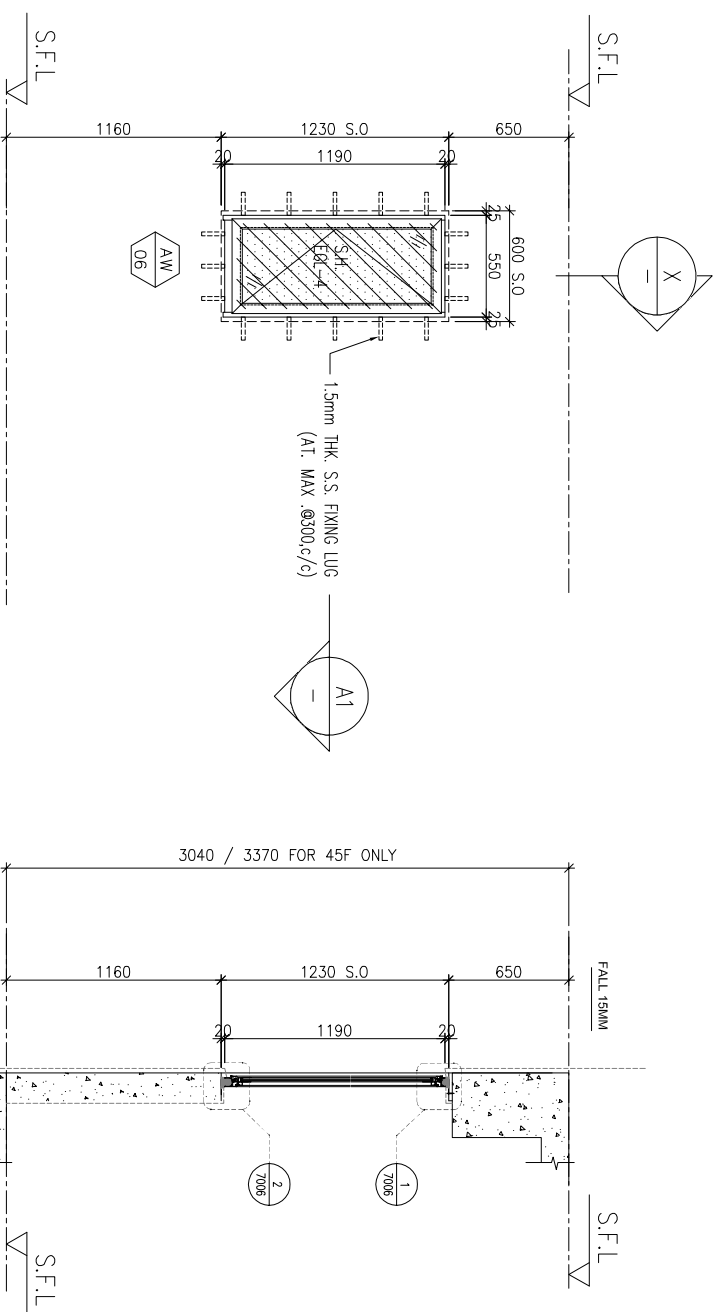
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.

DWG NO. : J856-SD-W-5112 REV : E

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AM 05	5/F-45	E13/F.14/F.24/F.34/F.44/F OMITTED	UNIT B5		
	70mm ALUM. SECTION				
	EGL-1A				
	(36 Nos)				

ELEVATION

REQUIRED		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA
A1-M.BATH	0.318	0.318	0.497
B1-M.BATH	0.318	0.318	0.408



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

BD. 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

FAÇADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Façade 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 --- 6mmHS+12mm AIR GAP+10mmTP THK. LGU.
EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EGL-4 --- 10mm THK. CRYSAL TEMPERED AND ETCHED GLASS
EGL-1A --- 6mmHS+12mm AIR GAP+8mmTP THK. LGU.
B11/BB1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

NO.	DATE	REVISION SUBJECT TO ARCH/COMMENT	ISSUED BY
A	09/01/2023		ipon

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 : Ivon CHECKED BY :

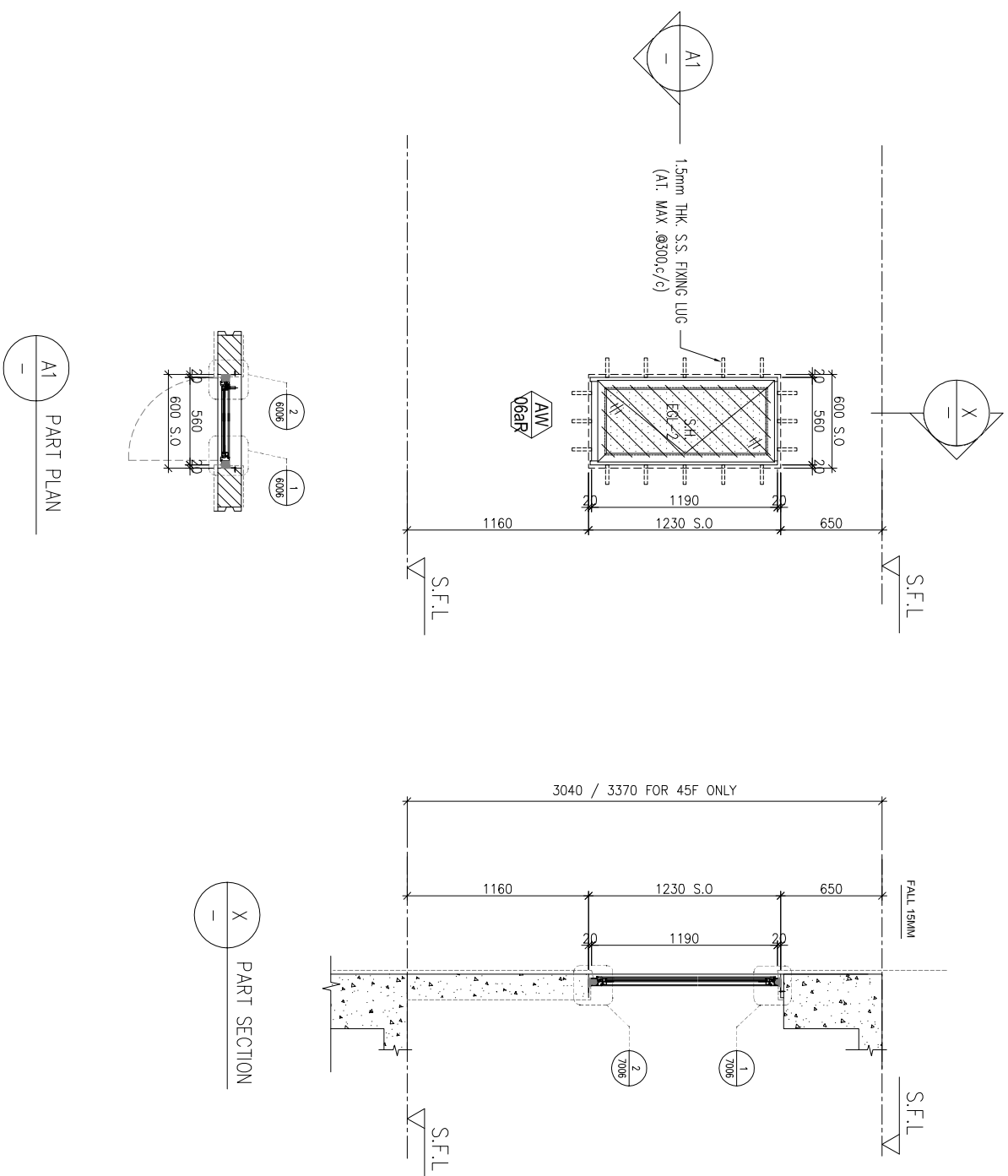
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.

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

DWG NO. : J856-SD-W-5113 REV : A

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

ELEVATION



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

FAÇADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Façade Specialist

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(X001) --- REFER SHEET NO.

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

4. GLASS LEGEND

- EGL-1--8mmHS+12mm AIR GAP+10mmTP THK. LGU.
EGL-2--10mm THK. CRYSTAL GRAY TEMPERED GLASS
EGL-4--10mm THK. CRYSAL TEMPERED AND ETCHED GLASS
EGL-1A-8mmHS+12mm AIR GAP+8mmTP THK. LGU.
BT1/BB1-FIXING DETAIL (DWG. NO. F001)
BB2-FIXING DETAIL (DWG. NO. F002)

GLAZING AREA
OPENABLE AREA

NO.	DATE	REASON	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 1 IN-SITU WINDOW

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

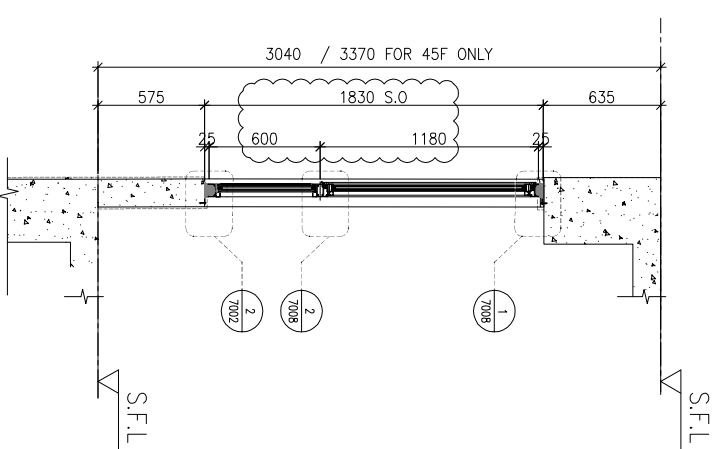
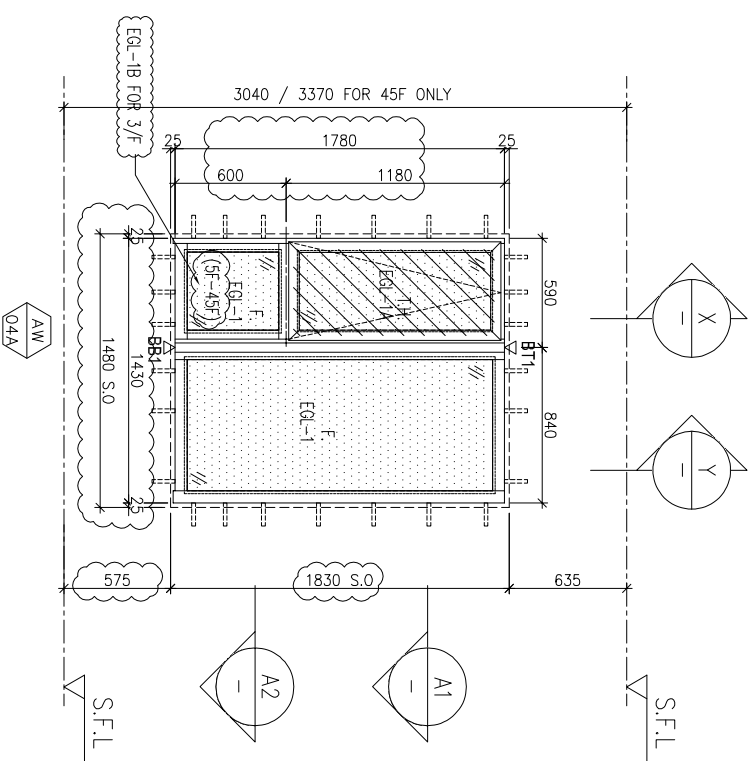
DRAWN BY : IYON

CHECKED BY :

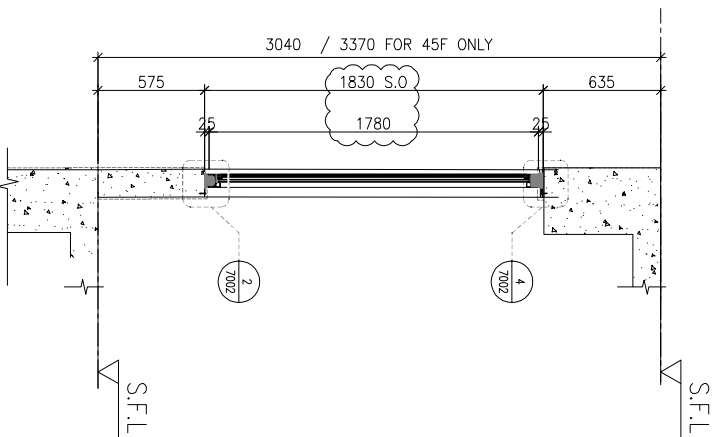
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-W-5113A REV. : -

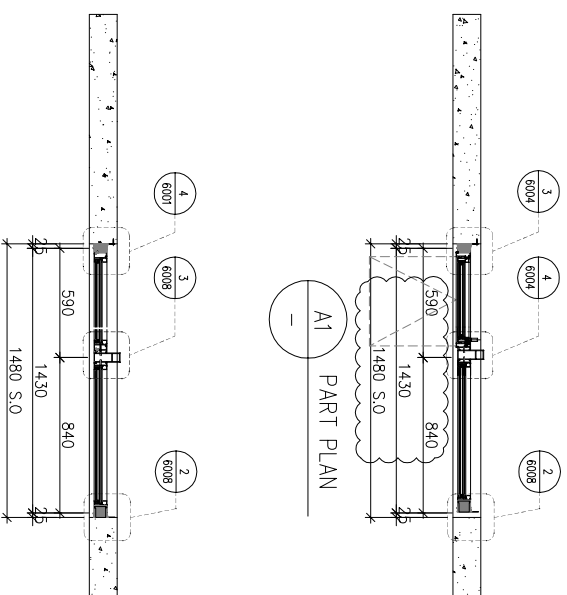
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B5-MBR	0.295	0.472	0.525	1.815



X-X PART SECTION



Y-Y PART SECTION



A1 PART PLAN

A2 PART PLAN

BD. 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**
ALPHA CONSULTING LIMITED
Steel Structure & Façade Specialist

FAÇADE CONSULTANT:

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- LEGEND :
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 - 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 AND ETCHED GLASS
 - EGL-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 - BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
 - BB2 --- FIXING DETAIL (DWG. NO. F002)
 - GLAZING AREA
 - OPENABLE AREA

NO.	DATE	REVISION SUBJECT TO ARCH/COMMENT	BY
A	16/01/2023		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 :

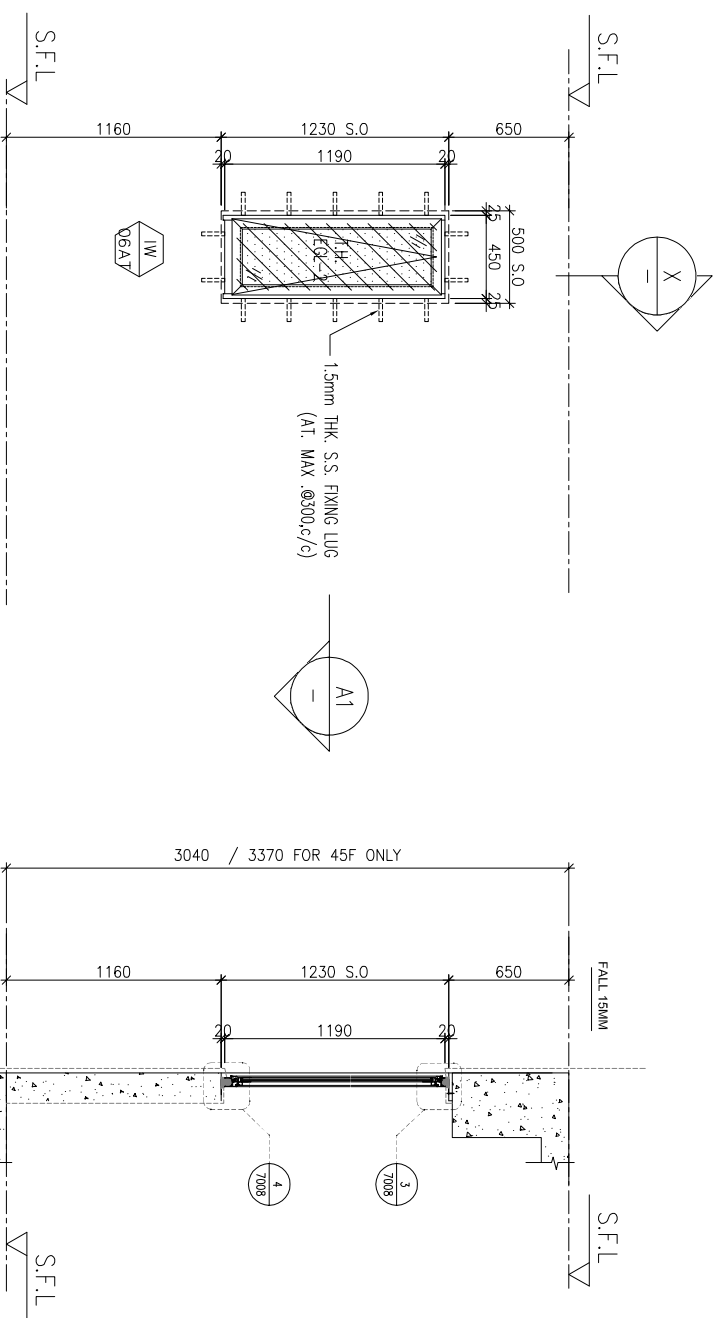
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwong Road, Kwai Moon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-W-5114 REV : A

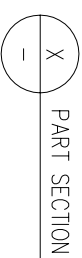
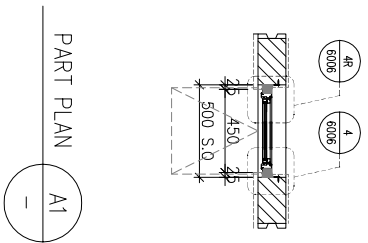
WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AW 044	3/F-45/F,4/F,13/F,14/F,24/F,34/F,44/F OMITTED	70mm ALUM. SECTION	EGL-1 / EGL-1A	37 Nos	70mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMT-14)

ELEVATION

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



ELEVATION



WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AM 06A7	3/F-45/F.13/F.14/F.24/F.34/F.44/F OMITTED) UNIT A5	50mm ALUM. SECTION	EGL-2	37 Nos	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
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

FAÇADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Façade Specialist

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LEGEND :

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(X001) — REFER SHEET NO.

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EGL-1 -- 6mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EGL-2 -- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EGL-4 -- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EGL-1A -- 6mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BB1 -- FIXING DETAIL (DWG. NO. F001)
BB2 -- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

NO.	DATE	REVISION SUBJECT TO ARCH-COMMENT	ISSUED BY
A	09/01/2023		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

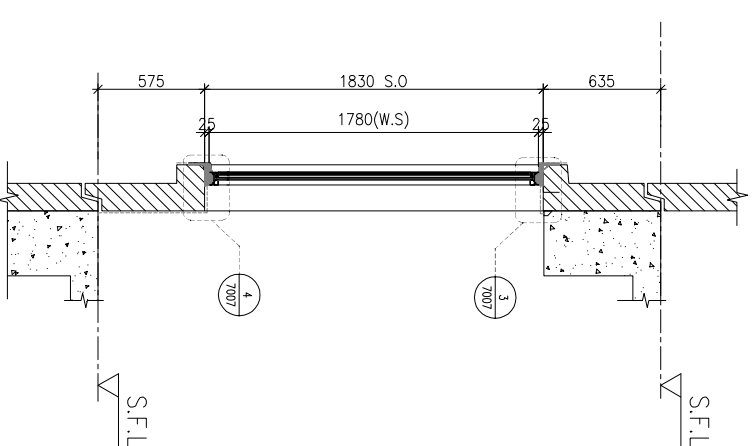
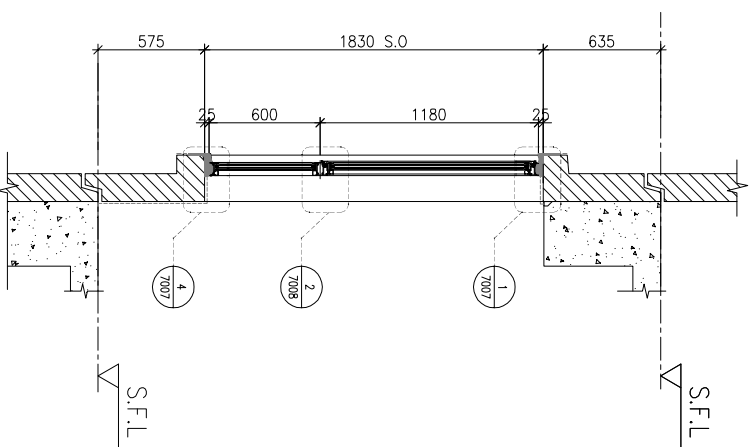
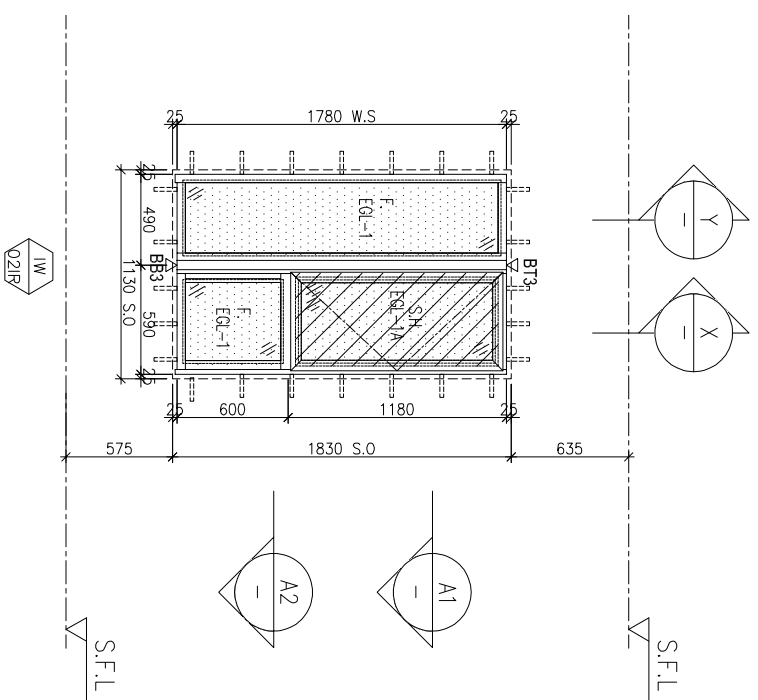
DATE : 22-Jun-22 SCALE : 1:40

DRAWN BY : ivan CHECKED BY :

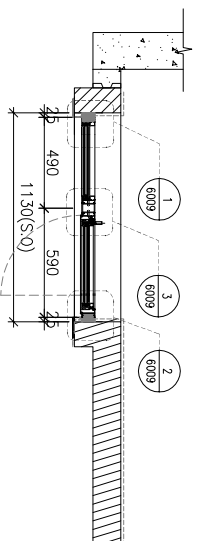
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-W-5115 REV : A

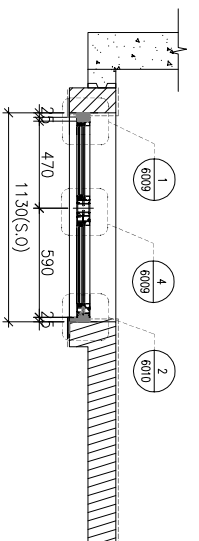
REQUIRED		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA
B2-BR2	0.263	0.420	0.548
B3-BR2	0.263	0.420	1.326



ELEVATION



A1 PART PLAN



A2 PART PLAN

X PART SECTION

Y PART SECTION

PRECAST WINDOW CHANGE TO IN-SITU WINDOW

PRECAST WINDOW CHANGE TO IN-SITU WINDOW

WINDOW MARK	021R
LOCATION	10/F, 16/F, 20/F, 25/F, 29/F, 33/F, 38/F, 42/F UNIT B3
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1, EGL-1A
QUANTITY	8 Nos
REMARKS	70mm ALUM. WINDOW SECTION, 4 BAR HINGE-LIP HING (HHMS-N16)

WINDOW MARK	021
LOCATION	10/F, 16/F, 20/F, 25/F, 29/F, 33/F, 38/F, 42/F UNIT B2
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1, EGL-1A
QUANTITY	8 Nos
REMARKS	70mm ALUM. WINDOW SECTION, 4 BAR HINGE-LIP HING (HHMS-N16)

BD. REF :

CLIENT :

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

ARCHITECT :

lwk&partners
a f c h i l e o i s

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FAÇADE CONSULTANT :

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Steel Structure & Façade Specialist

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- LEGEND :
- X1 --- DETAIL MARK NO.
 - X001 --- REFER SHEET NO.
 - 1. F.F.L. --- FINISHED FLOOR LEVEL
 - 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 - 3. (R) --- REVERSED DETAIL
 - 4. GLASS LEGEND

- EGL-1 --- 6mmHS+12mm AR GAP+10mmTP THK. I.G.U.
- EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
- EGL-4 --- 10mm THK. CRYSAL TEMPERED AND ETCHED GLASS
- EGL-1A --- 6mmHS+12mm AR GAP+8mmTP THK. I.G.U.
- BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
- BB2 --- FIXING DETAIL (DWG. NO. F002)
- GLAZING AREA
- OPENABLE AREA

NO.	DATE	REASON	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 1 IN-SITU WINDOW

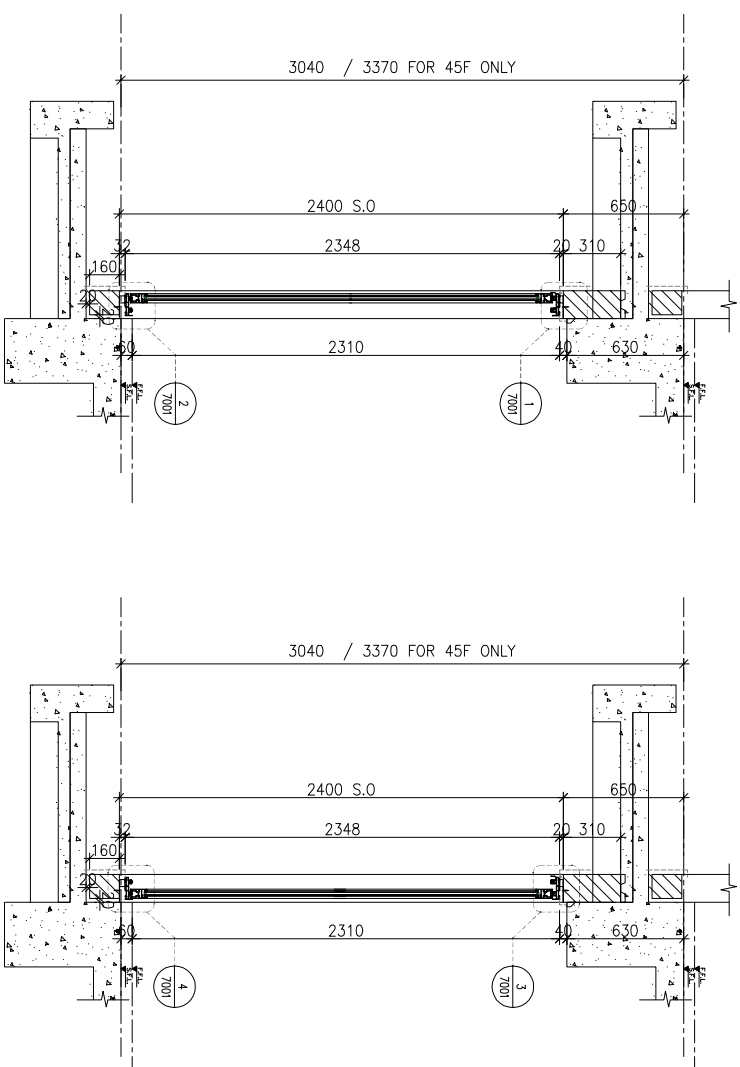
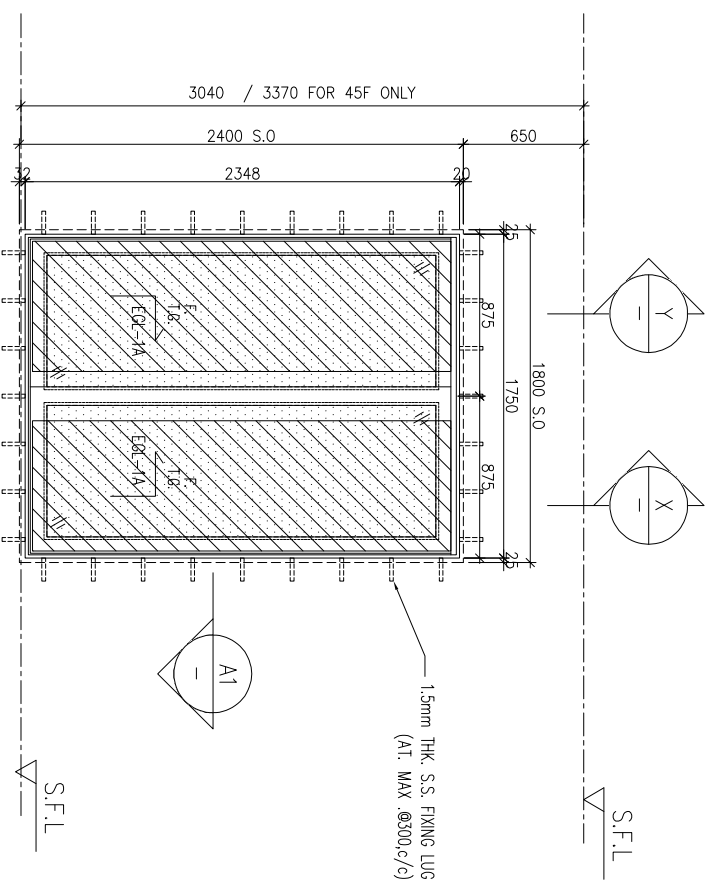
DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : IYVN CHECKED BY :

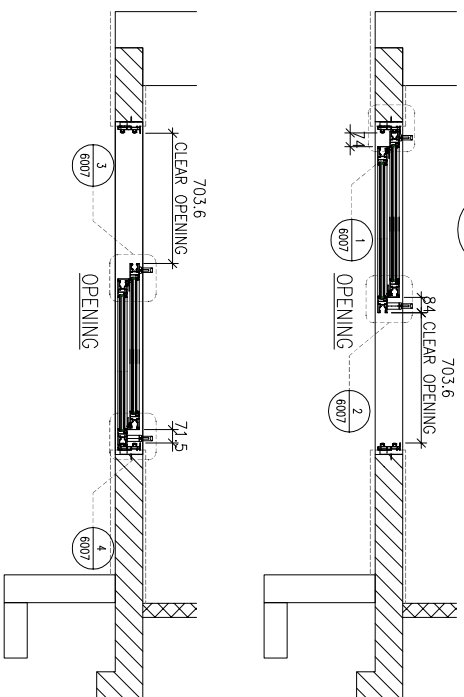
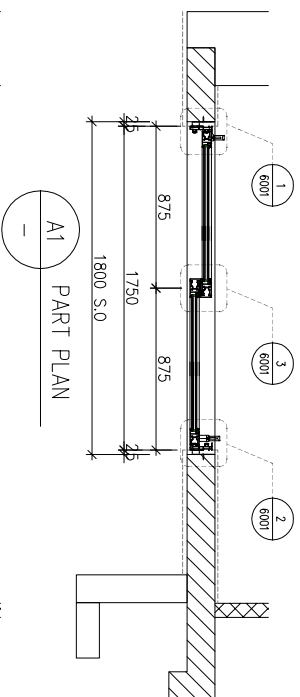
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 2727666

DWG NO. : J856-SD-W-5116 REV. : -

LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1-LIV	1.447	1.682	{1.591}	{2.99}



ELEVATION



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

BD. 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

FAÇADE CONSULTANT:
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 Steel Structure & Façade Specialist

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 EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
 EGL-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
 EGL-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 B11/BB1 --- FIXING DETAIL (DWG. NO. F001)
 BB2 --- FIXING DETAIL (DWG. NO. F002)

NO.	DWG.	REVISION	REVISION SUBJECT TO ARCH-COMMENT	BY
F	09/01/2023	REVISION SUBJECT TO ARCH-COMMENT	None	None
E	26/08/2022	REVISION SUBJECT TO ARCH-COMMENT	None	None
D	28/07/2022	REVISION SUBJECT TO ARCH-COMMENT	None	None
C	22/06/2022	REVISION SUBJECT TO ARCH-COMMENT	None	None

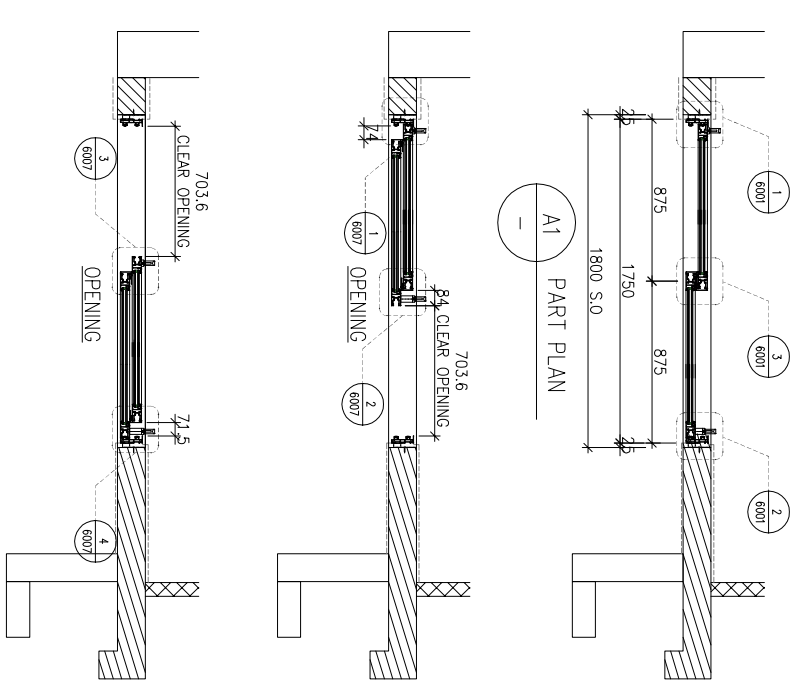
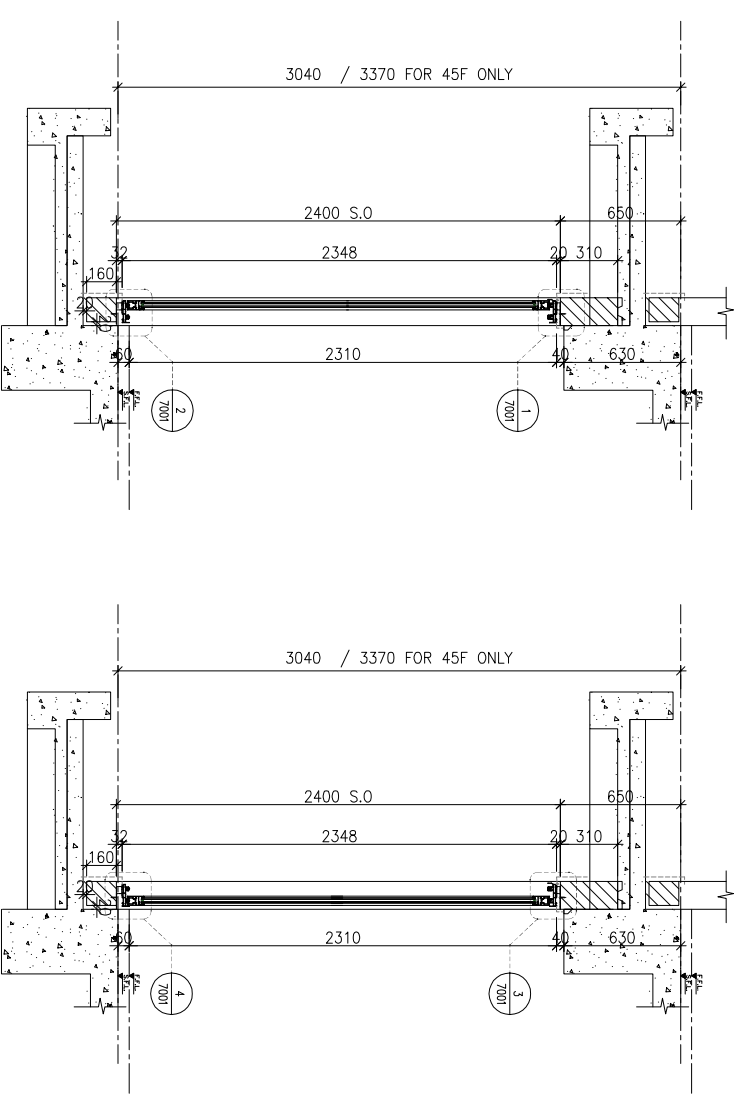
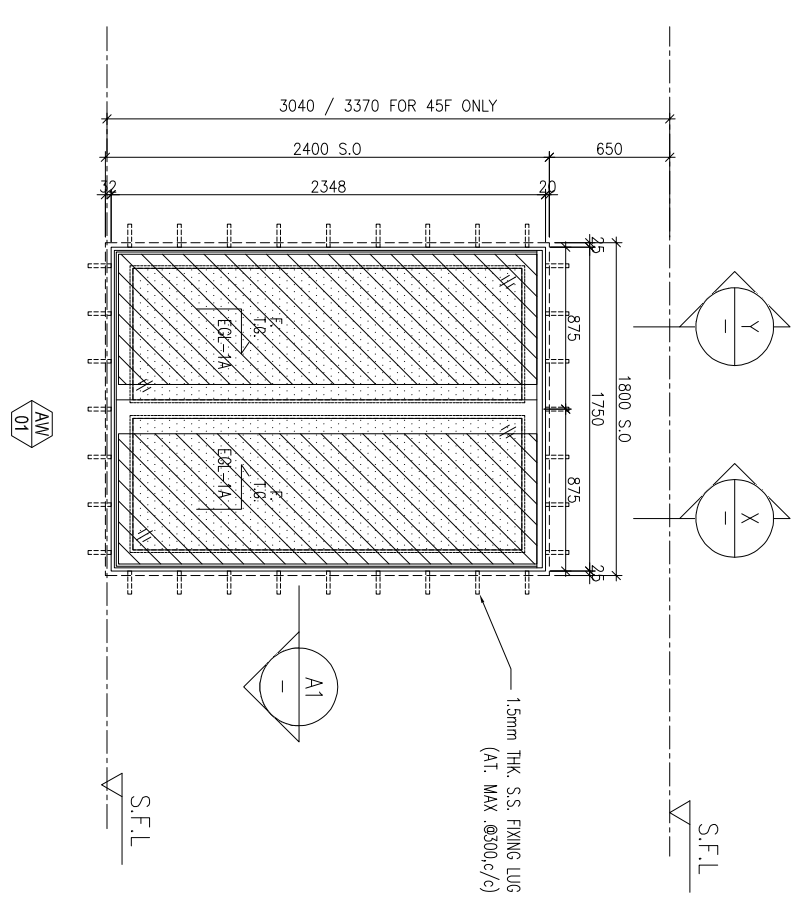
JOB NO. : J-856
 PROJECT : PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP-TS/WTL NO.23, AREA 33, TIN SHUI WAI, N.T.
 TITLE : WINDOW SCHEDULE FOR TOWER 2 IN-SITU WINDOW

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

DRAWN BY : Ivan CHECKED BY :

美特鋁質有限公司
 MIDT ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cho Kwai Ling Road, Kwai Tsoum
 Tel: 23489211-4 Fax: (852) 2727666
 DWG NO. : J856-SD-W-5201 REV. : F

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



BD. 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**

FAÇADE CONSULTANT : **ALPHA CONSULTING LIMITED**
Steel Structure & Façade Specialist

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 (X001) --- REFER SHEET NO.

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

4. GLASS LEGEND
 EG1-1 --- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
 EG1-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
 EG1-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
 EG1-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
 BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA
 OPENABLE AREA

NO.	DWG	REVISION	BY
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

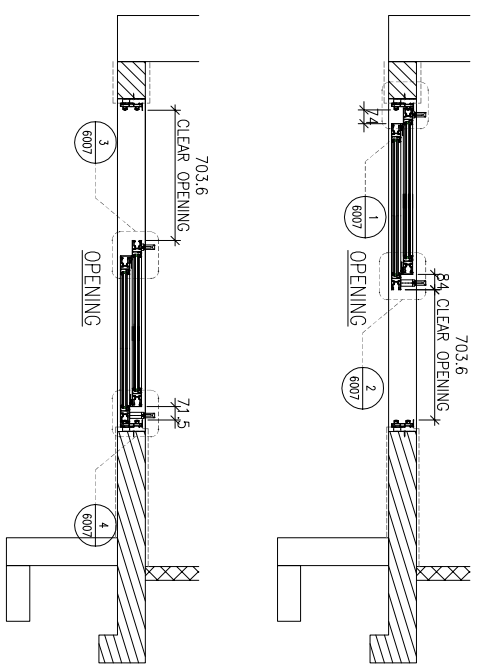
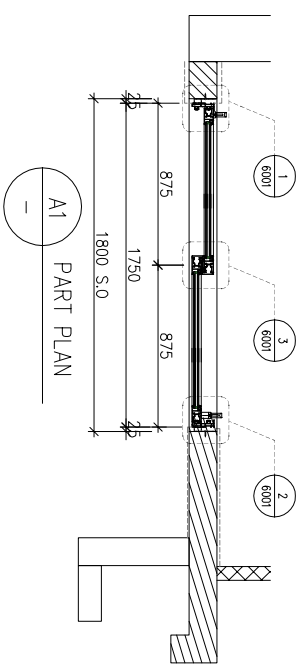
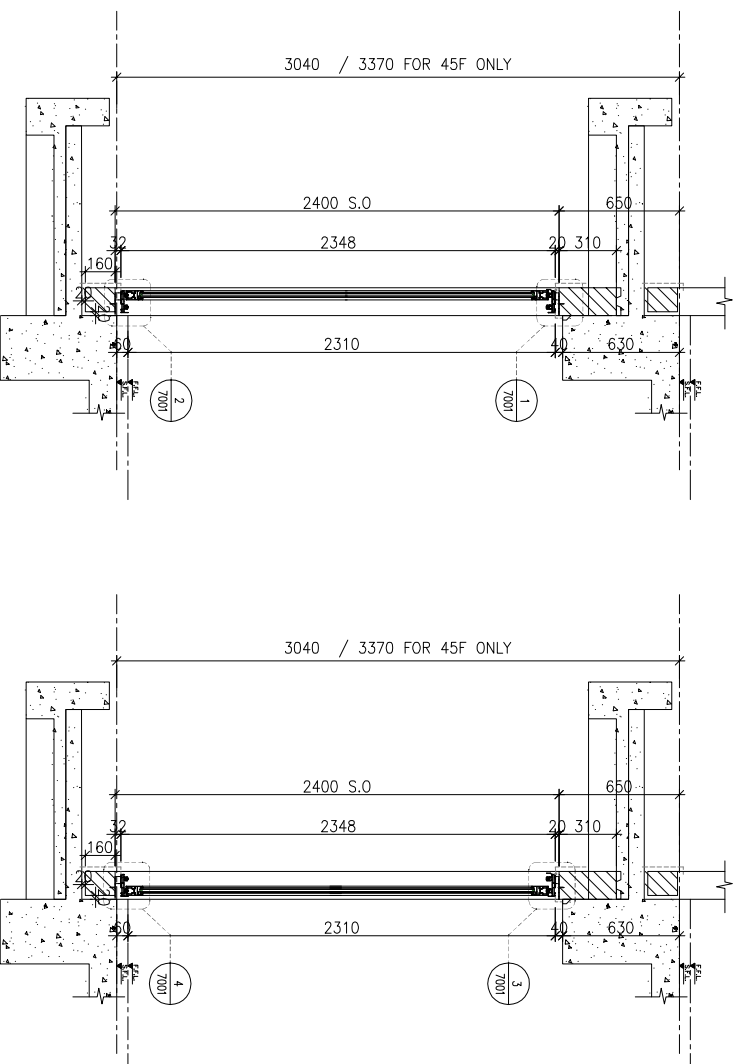
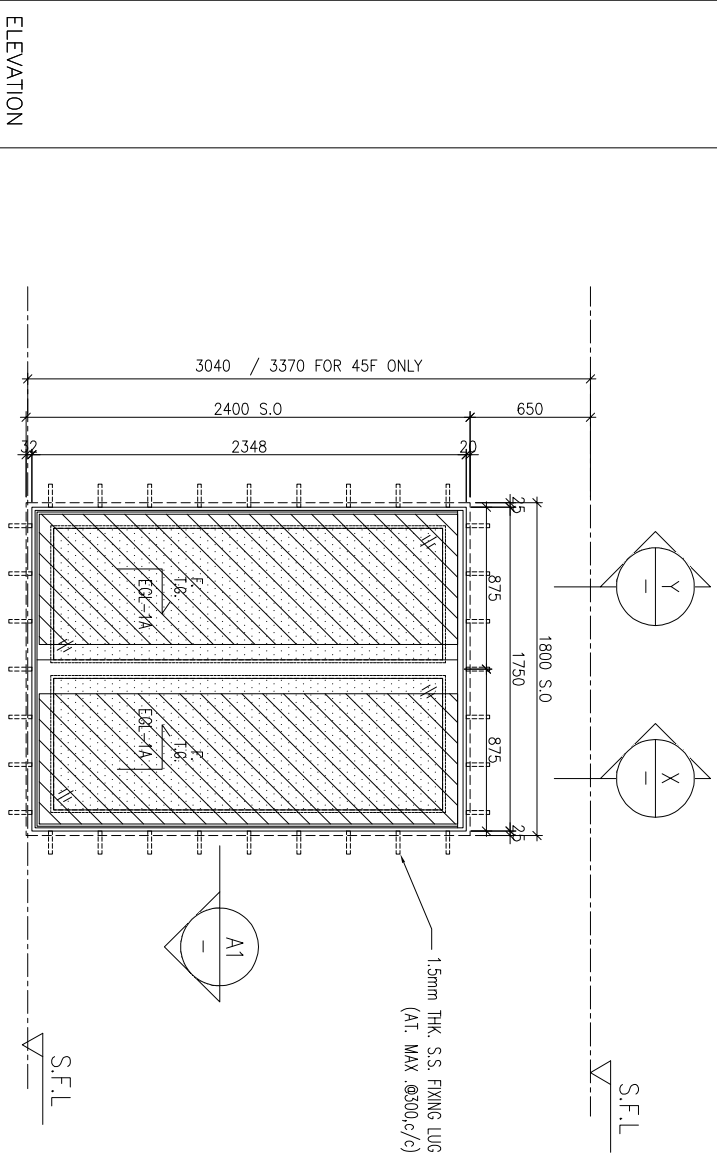
DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : ivan CHECKED BY : _____

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AW 01	3/F, (45/F, 4/F, 13/F, 14/F, 24/F, 34/F, 44/F OMITTED) UNIT A2, A5, B3	70mm ALUM. SECTION	EG1-1A	37 Nos./37 Nos./37 Nos.	FAÇADE (TYPE T2PF02 FOR 3/F~45/F)

UNITA 美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kwai Tsoum
Tel: 23489211-4 Fax: (852) 27272666
DWG NO. : J856-SD-W-5202 REV : F

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



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

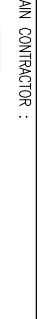
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CLIENT :

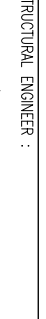


42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :



MANU CONTRACTOR :



STRUCTURAL ENGINEER :



ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

FAÇADE CONSULTANT :

- 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.
- B11/BB1 --- FIXING DETAIL (DWG. NO. F001)
- BB2 --- FIXING DETAIL (DWG. NO. F002)

NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
F	09/01/2023	REVISION SUBJECT TO ARCH-COMMENT	None	None
E	26/08/2022	REVISION SUBJECT TO ARCH-COMMENT	None	None
D	28/07/2022	REVISION SUBJECT TO ARCH-COMMENT	None	None
C	22/06/2022	REVISION SUBJECT TO ARCH-COMMENT	None	None

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

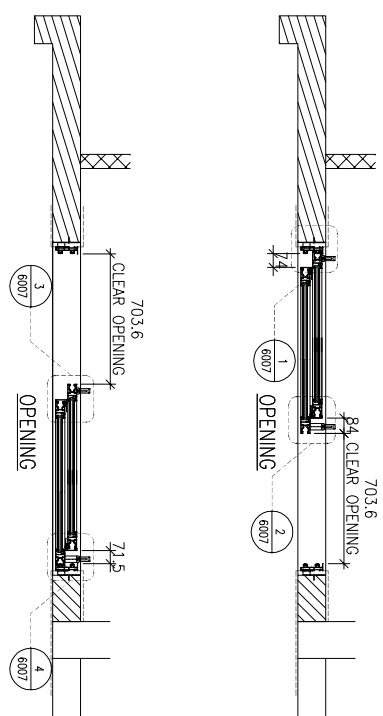
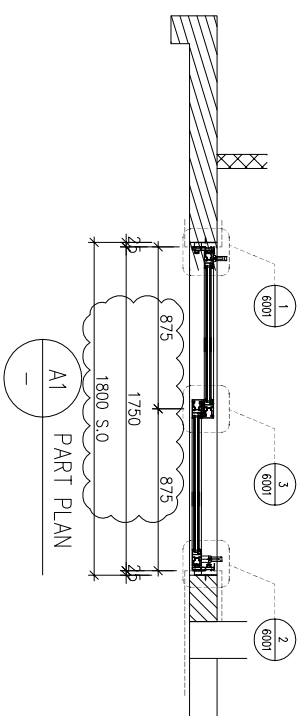
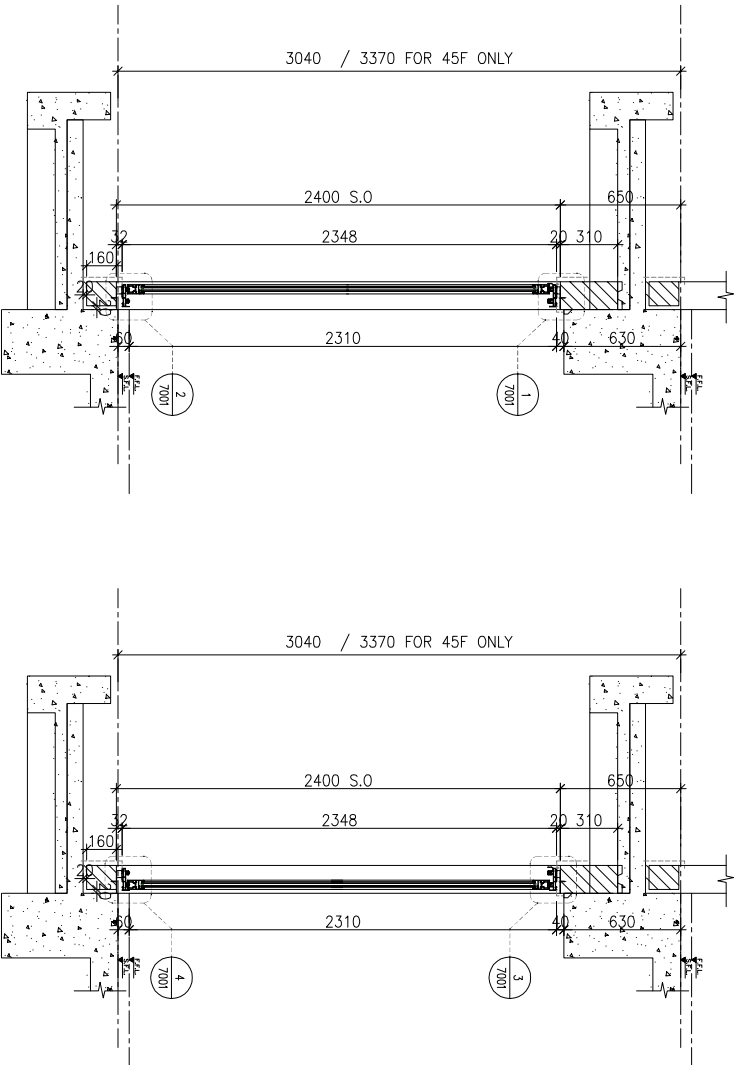
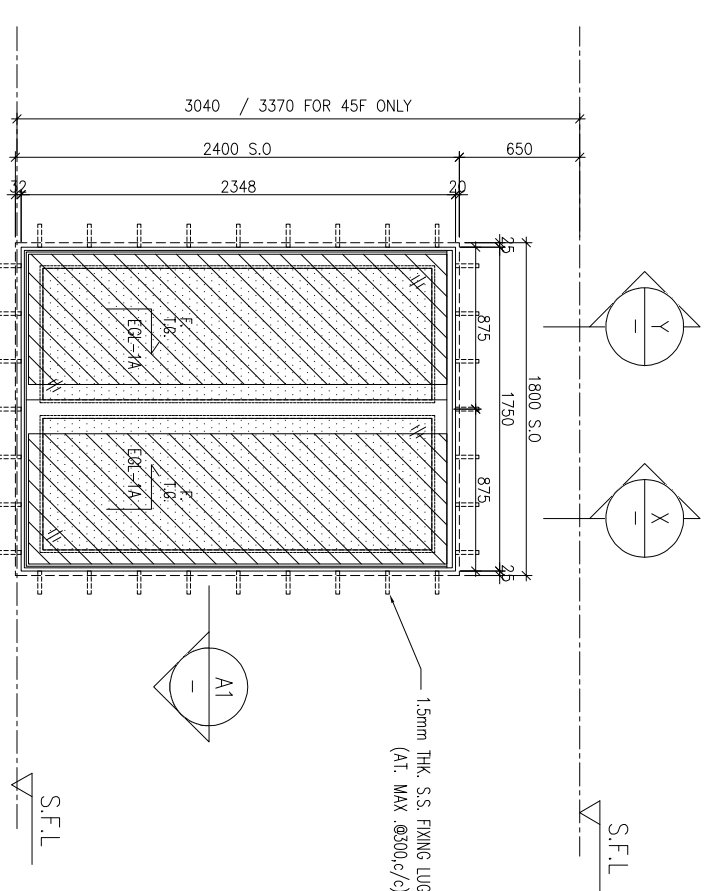
DRAWN BY : IYON CHECKED BY :

UNITA 6-8, SUNREY INDUSTRIAL CENTRE, 1/F
610 CHO KWA LING ROAD, KOWLOON
Tel: 23489211-4 Fax: (852) 27272666
DWC NO. : J856-SD-W-5203 REV. : F



UNITA 6-8, SUNREY INDUSTRIAL CENTRE, 1/F
610 CHO KWA LING ROAD, KOWLOON
Tel: 23489211-4 Fax: (852) 27272666
DWC NO. : J856-SD-W-5203 REV. : F

REQUIRED		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	1.787		



BD. 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**

FAÇADE CONSULTANT : **ALPHA CONSULTING LIMITED**
Steel Structure & Façade 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
- EQ1-1 --- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EQ1-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EQ1-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EQ1-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
B11/BB1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)
- GLAZING AREA
- OPENABLE AREA

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

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

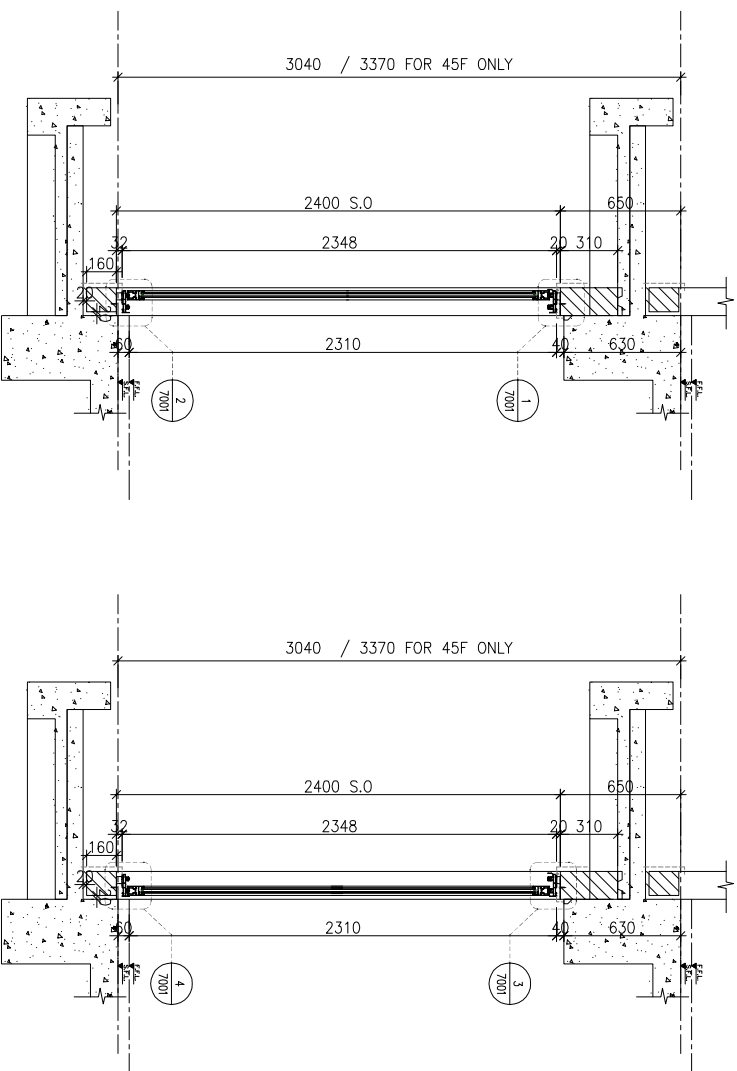
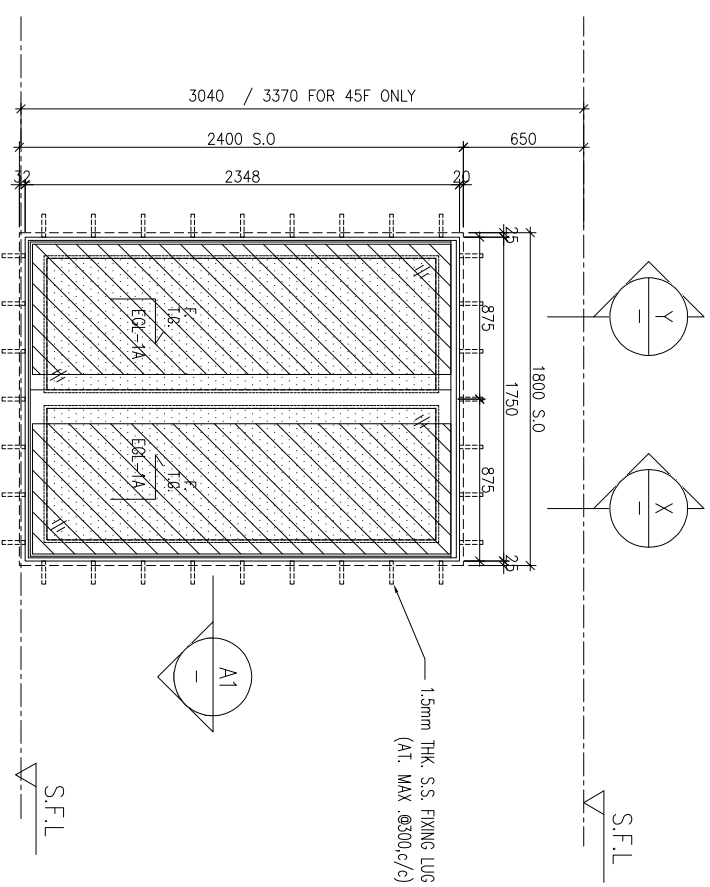
DRAWN BY : IYON CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27272666
DWG NO. : J856-SD-W-5205 REV. : F

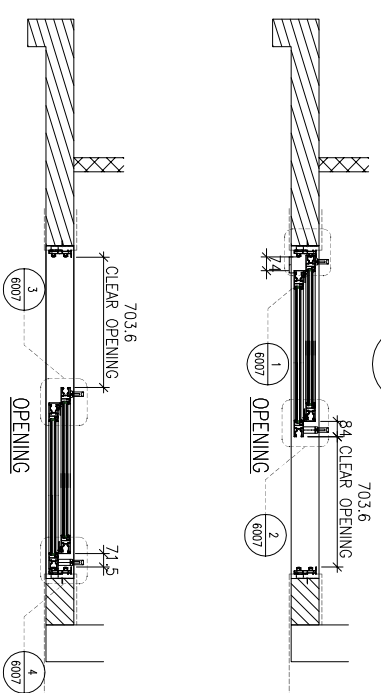
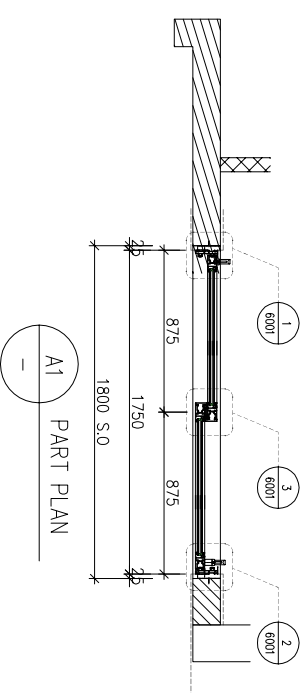
WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AW 01	3/F-45/F, 13/F, 14/F, 24/F, 34/F, 44/F OMITTED) UNIT B8, A8, B1	70mm ALUM. SECTION	EQ1-1A	37 Nos / 37 Nos / 37 Nos	FAÇADE (TYPE T2PF08 FOR 3/F-45/F)

ELEVATION

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

BD. 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 & Façade 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 --- 6mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EGL-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EGL-1A --- 6mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA
OPENABLE AREA

NO.	DTE	REVISION	SUBJECT TO ARCH-COMMENT	BY
D	09/01/2023	REVISION SUBJECT TO ARCH-COMMENT		lwk
C	22/06/2022	REVISION SUBJECT TO ARCH-COMMENT		lwk
B	24/11/2021	REVISION SUBJECT TO ARCH-COMMENT		lwk
A	10/11/2021	REVISION SUBJECT TO ARCH-COMMENT		lwk

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

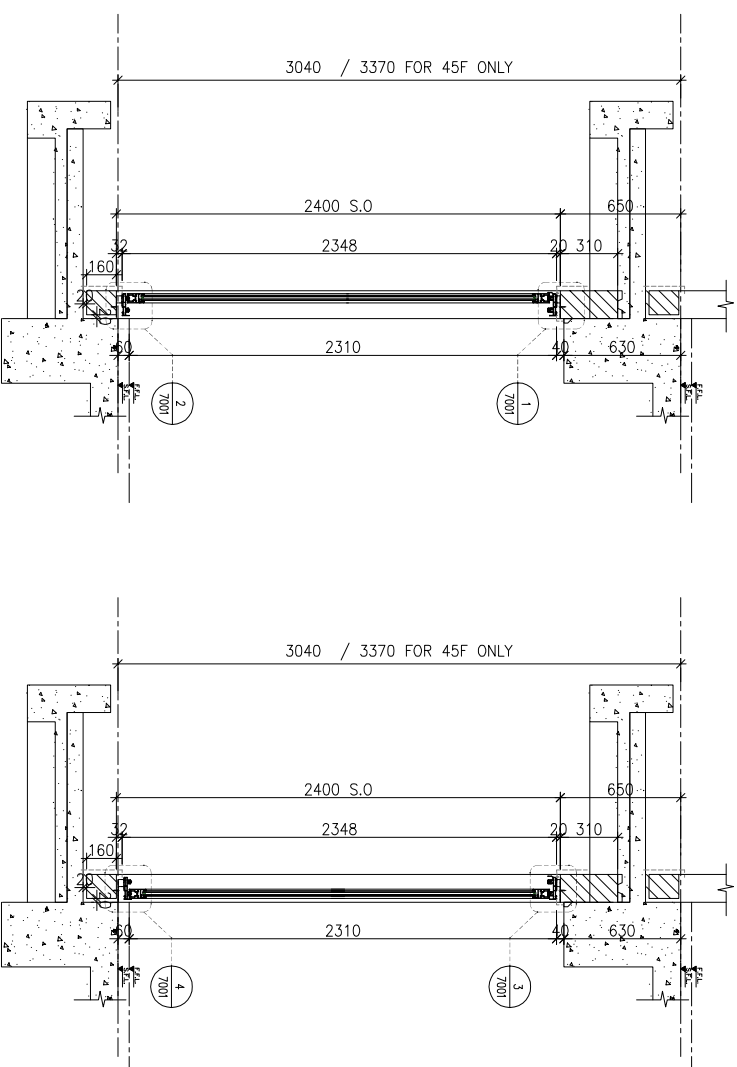
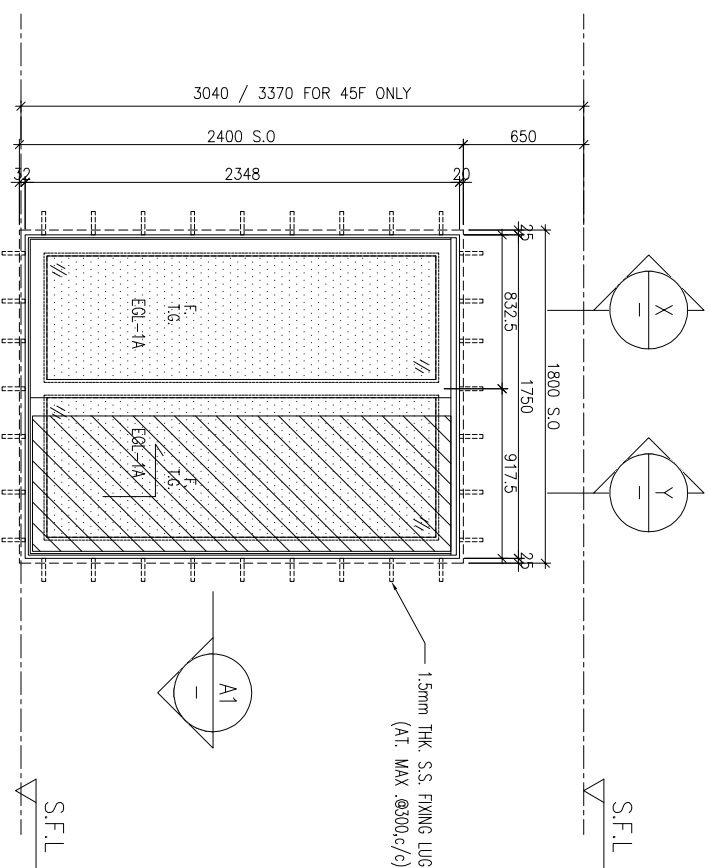
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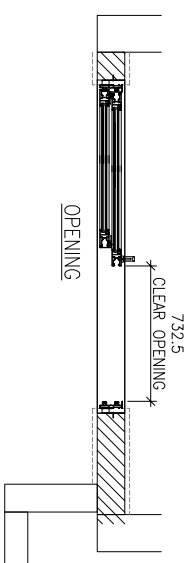
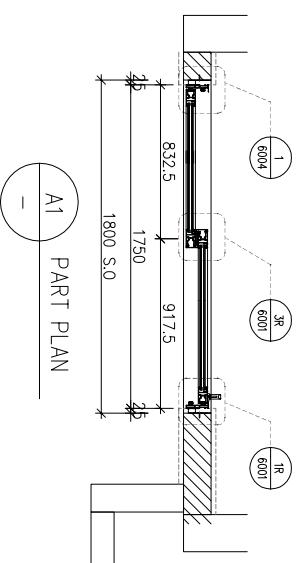
美特鋁質有限公司
MIDI ALUMINUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kwai Tsoum
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-W-5211 REV. : D

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



ELEVATION



A1 PART PLAN

X PART SECTION

Y PART SECTION

- 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
- EQ-1-1 --- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
 - EQ-2-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
 - EQ-4-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
 - EQ-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 - BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
 - BB2 --- FIXING DETAIL (DWG. NO. F002)

NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
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:	

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

ARCHITECT: IWK&partners a f c h i l e o i s

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

STRUCTURAL ENGINEER: ARUP ALPHA CONSULTING LIMITED Steel Structure & Facade Specialist

FAÇADE CONSULTANT: ARUP ALPHA CONSULTING LIMITED Steel Structure & Facade Specialist

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AW 05	5/F-45	B4/F, 13/F, 14/F, 24/F, 34/F, 44/F OMITTED	UNIT A6		
		70mm ALUM. SECTION	EQ-1A	36 Nos.	FAÇADE (TYPE T2PF07 FOR 5/F-42/F)

BD. REF.:

DATE: 02-Aug-21

SCALE: 1:40

DRAWN BY: ivan

CHECKED BY:

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

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

ARCHITECT: IWK&partners a f c h i l e o i s

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

STRUCTURAL ENGINEER: ARUP ALPHA CONSULTING LIMITED Steel Structure & Facade Specialist

FAÇADE CONSULTANT: ARUP ALPHA CONSULTING LIMITED Steel Structure & Facade Specialist

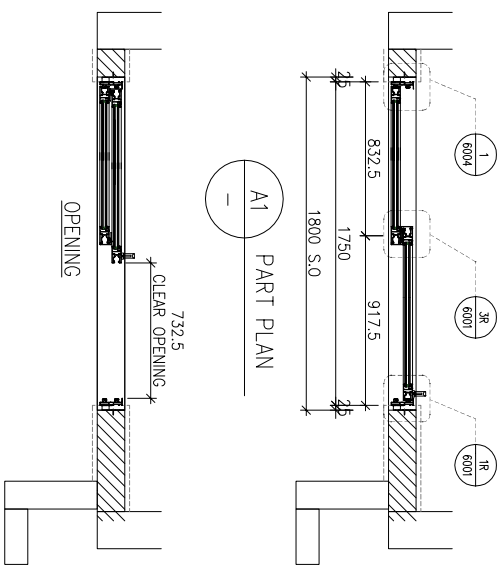
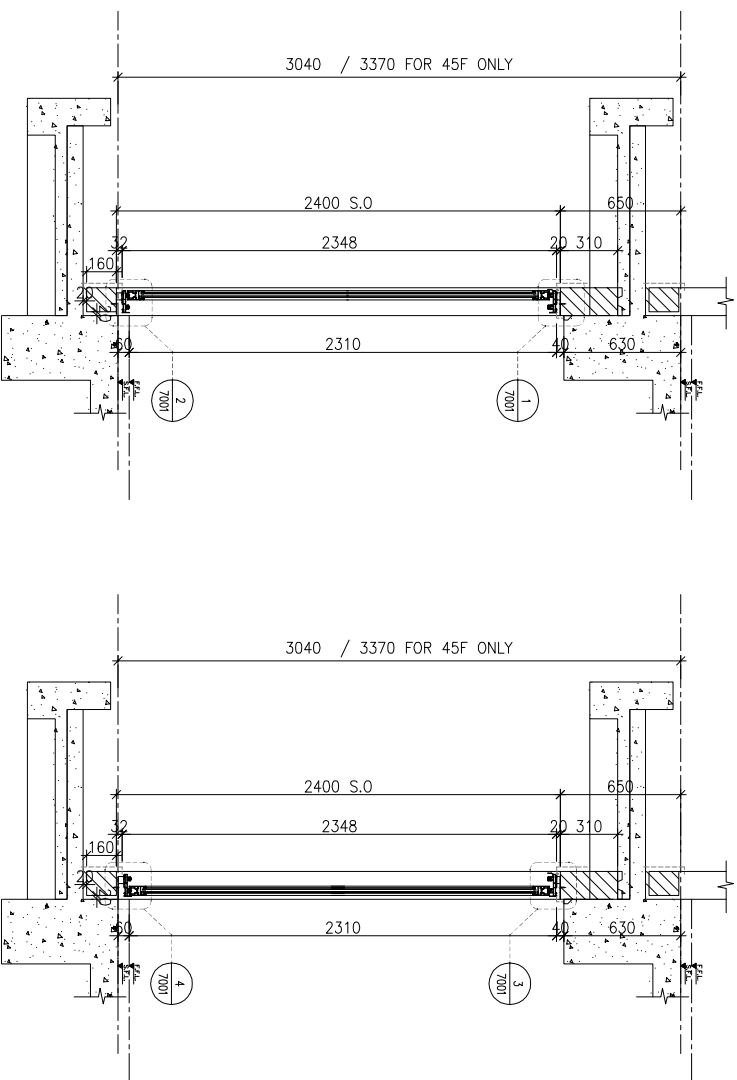
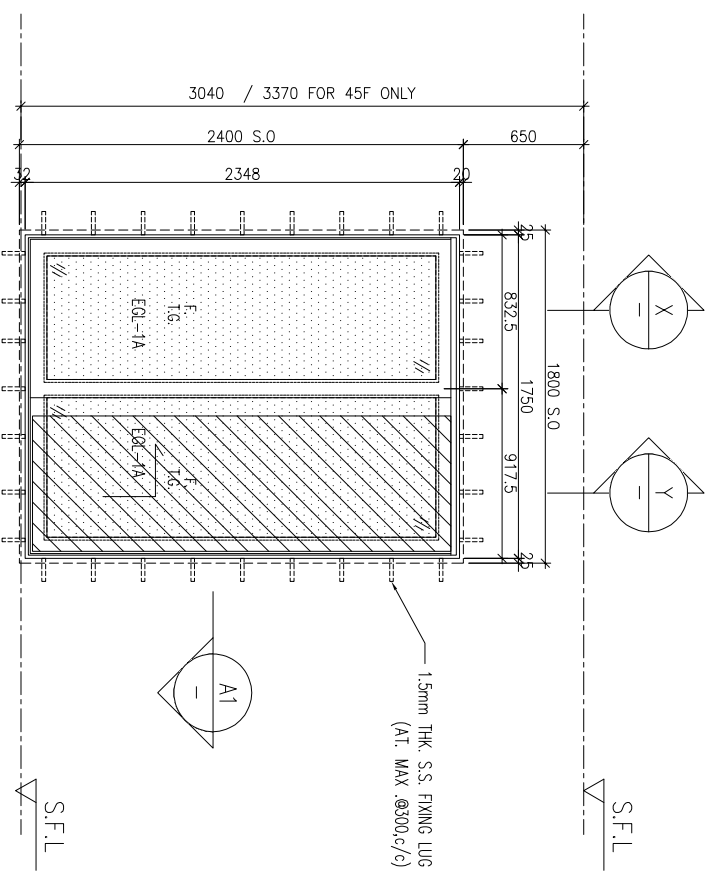
UNITA 6-8, Sunray Industrial Centre, 1/F, 610 Cho Kwai Ling Road, Kowloon

Tel: 23489211-4 Fax: (852) 2727666

DWG NO.: J856-SD-W-5212

REV.: D

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



BD. 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**

FAÇADE CONSULTANT : **ALPHA CONSULTING LIMITED**
Steel Structure & Façade 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
- EQ1-1 --- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
 - EQ1-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
 - EQ1-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
 - EQ1-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 - BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
 - BB2 --- FIXING DETAIL (DWG. NO. F002)
- GLAZING AREA
- OPENABLE AREA

NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
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 :

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

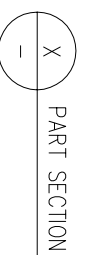
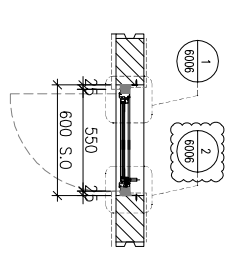
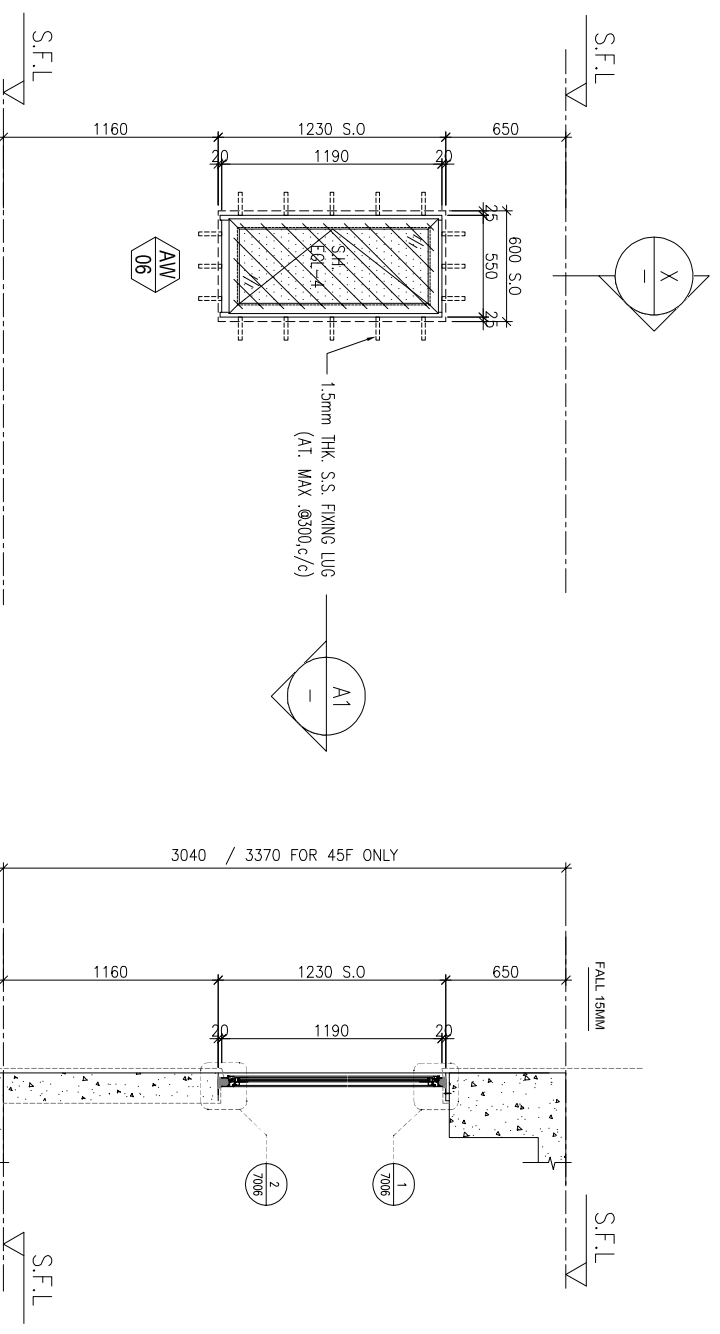
DWG NO. : J856-SD-W-5213

REV. : E

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AM 05	5/F-45/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B5	70mm ALUM. SECTION	EQ1-1A	36 Nos.	FAÇADE(TYPE T2PF11 FOR 5/F-42/F)

ELEVATION

REQUIRED		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		



WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AW 06	3/F-(45/E4/F.13/F.14/F.24/F.34/F.44/F OMITTED) UNIT A8,B1	50mm ALUM. SECTION	EGL-4	{37 Nos./37 Nos.}	50mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMS-N14)
AW 06R	3/F-(45/E4/F.13/F.14/F.24/F.34/F.44/F OMITTED) UNIT A1	50mm ALUM. SECTION	EGL-4	{37 Nos.}	

B.D. REF :

CLIENT :



42/F, SUN HUNG KAI CENTRE, WANCHAI, HONGKONG



MANU CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



Steel Structure & Façade 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 --- 6mmHS+12mm AIR GAP+10mmTP THK. IGLU
- EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
- EGL-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
- EGL-1A --- 6mmHS+12mm AIR GAP+8mmTP THK. IGLU
- B1/B81 --- FIXING DETAIL (DWG. NO. F001)
- B82 --- FIXING DETAIL (DWG. NO. F002)
- GLAZING AREA
- OPENABLE AREA

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

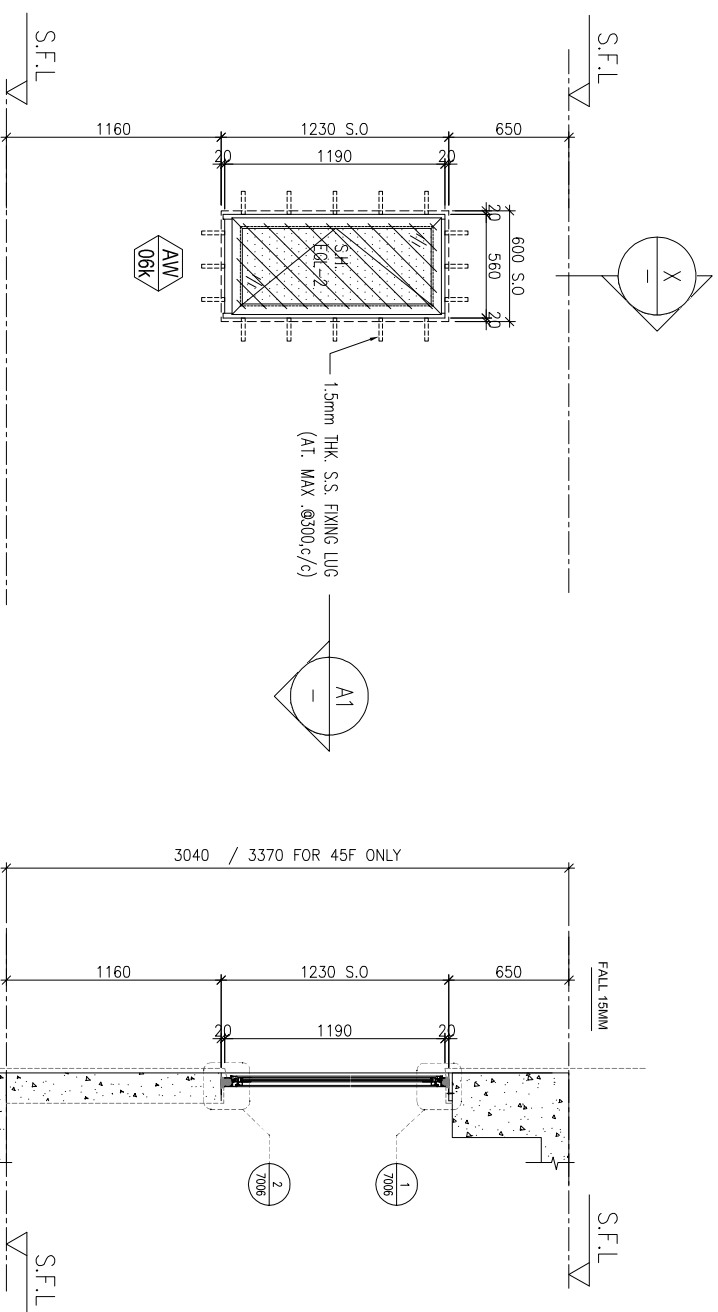
DATE : 22/06/2022 SCALE : 1:40

DRAWN BY : IYON CHECKED BY :



Units 6-8, Sunray Industrial Centre, 1/F
 610 Cho Kwai Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666
 DWG NO. : J856-SD-W-5214 REV : B

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



ELEVATION

PART PLAN
A1

PART SECTION
X-X

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

FAÇADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Façade 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 --- 6mmHS+12mm AIR GAP+10mmTP THK. LGU.
EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EGL-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EGL-1A --- 6mmHS+12mm AIR GAP+8mmTP THK. LGU.
BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

NO.	DATE	REASON	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

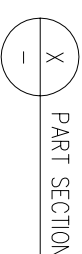
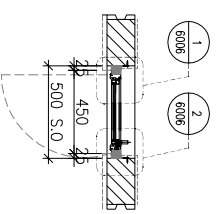
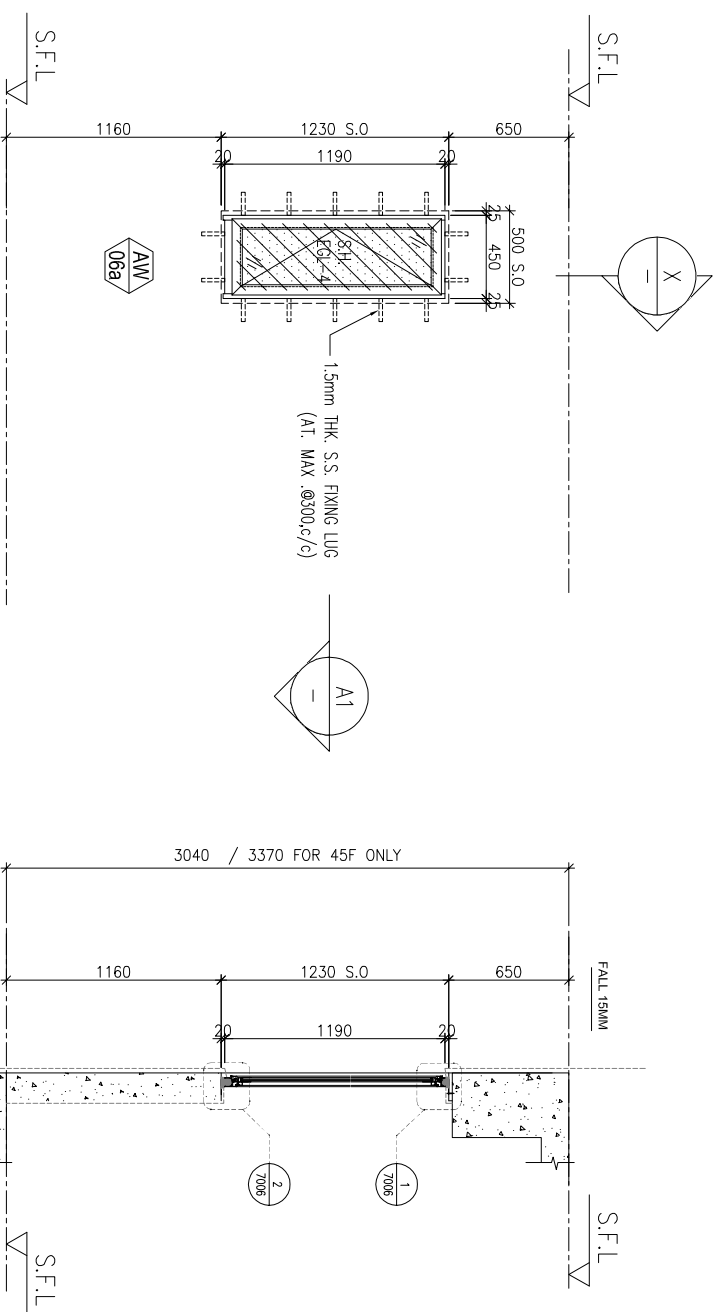
DRAWN BY : IYON CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.

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

DWG NO. : J856-SD-W-5214g REV. : -

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



ELEVATION

WINDOW MARK	AM 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-4
QUANTITY	37 Nos.
REMARKS	50mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HMS-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 :

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

STRUCTURAL ENGINEER :

ARUP

FAÇADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Façade 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. LGU.
EGL-2--10mm THK. CRYSTAL GRAY TEMPERED GLASS
EGL-4--10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EGL-1A--8mmHS+12mm AIR GAP+8mmTP THK. LGU.
BT1/BB1--FIXING DETAIL (DWG. NO. F001)
BB2--FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

NO.	DWG.	REVISION	SUBJECT TO ARCH-COMMENT	DATE	BY
C	09/01/2023	REVISION SUBJECT TO ARCH-COMMENT	None		
B	09/11/2022	REVISION SUBJECT TO ARCH-COMMENT	None		
A	11/07/2022	REVISION SUBJECT TO ARCH-COMMENT	None		

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

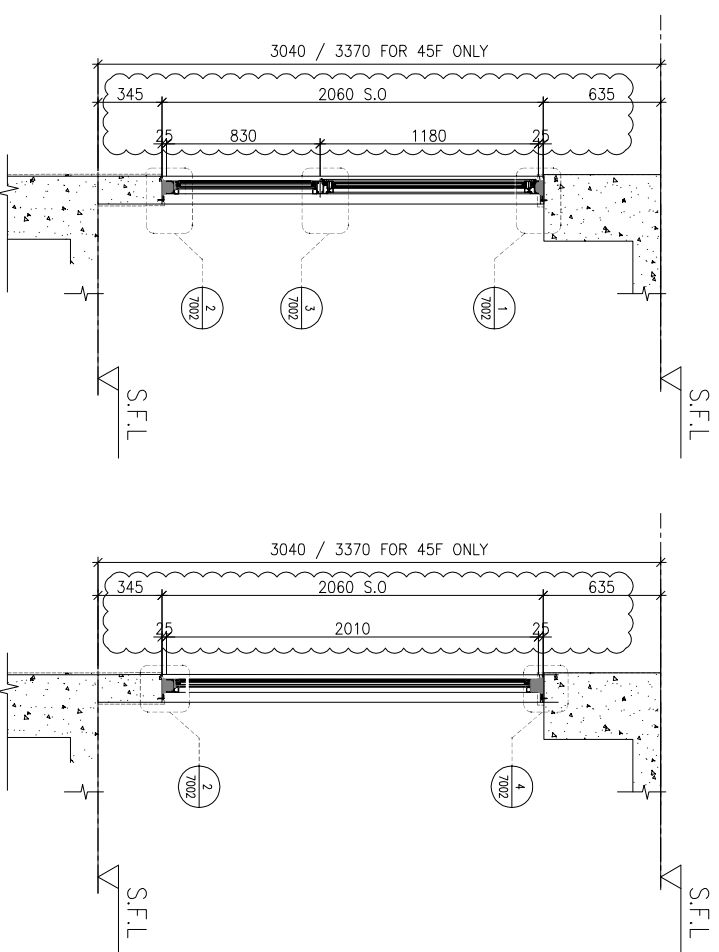
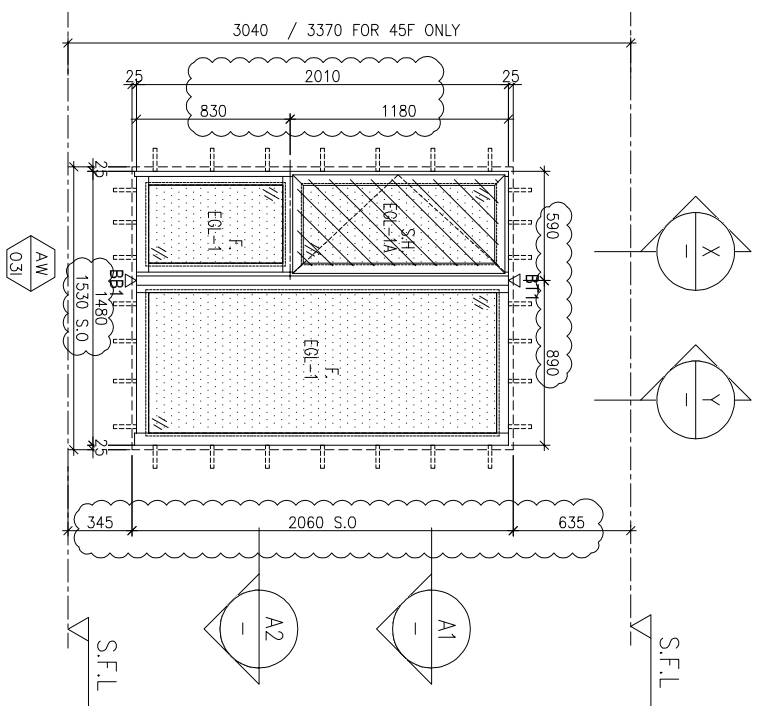
DRAWN BY : Ivan CHECKED BY :

美特铝质有限公司
MIDI ALUMINIUM FABRICATOR LTD.

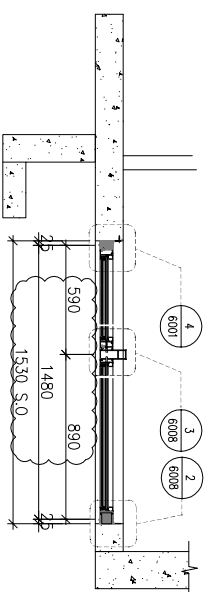
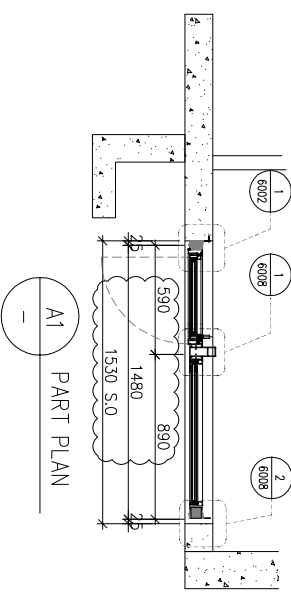
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kwai Moon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-W-5215 REV. : C

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



ELEVATION



WINDOW MARK	LOCATION	SECTION	QUANTITY	REMARKS
AW 03/	5/F, 45/F, 4/F, 13/F, 14/F, 24/F, 34/F, 44/F (OMITTED)	70mm ALUM. SECTION	36 Nos.	70mm ALUM. WINDOW SECTION, 4 BAR HINGE-LIP HING (HHMS-N14)
AW 03/	3/F	70mm ALUM. SECTION	1 No.	

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

FAÇADE CONSULTANT :

ALPHA CONSULTING LIMITED
Steel Structure & Façade 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

EQ1-1 --- 6mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EQ1-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EQ1-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EQ1-1A --- 6mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
C	09/01/2023	REVISION SUBJECT TO ARCH-COMMENT		hwn
B	11/11/2022	REVISION SUBJECT TO ARCH-COMMENT		hwn
A	11/07/2022	REVISION SUBJECT TO ARCH-COMMENT		hwn

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 : IYVN

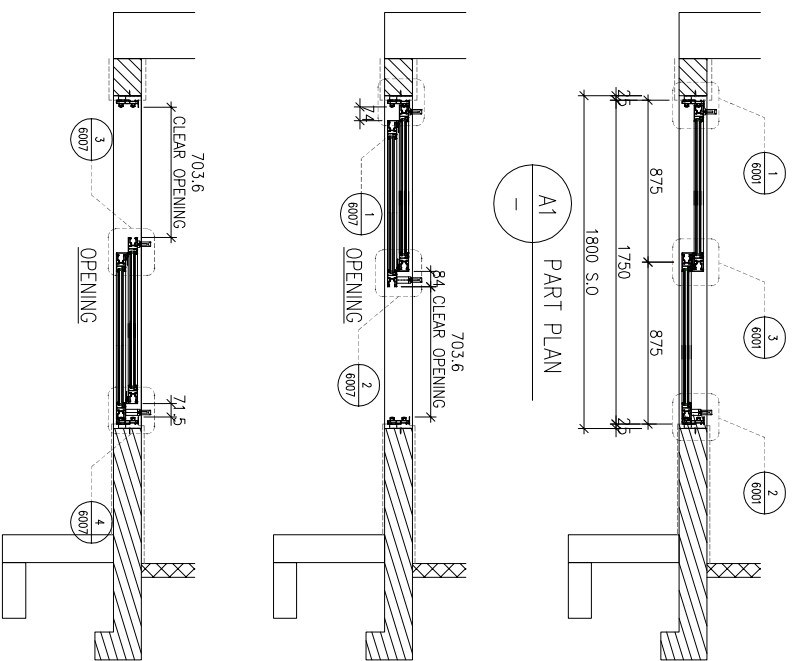
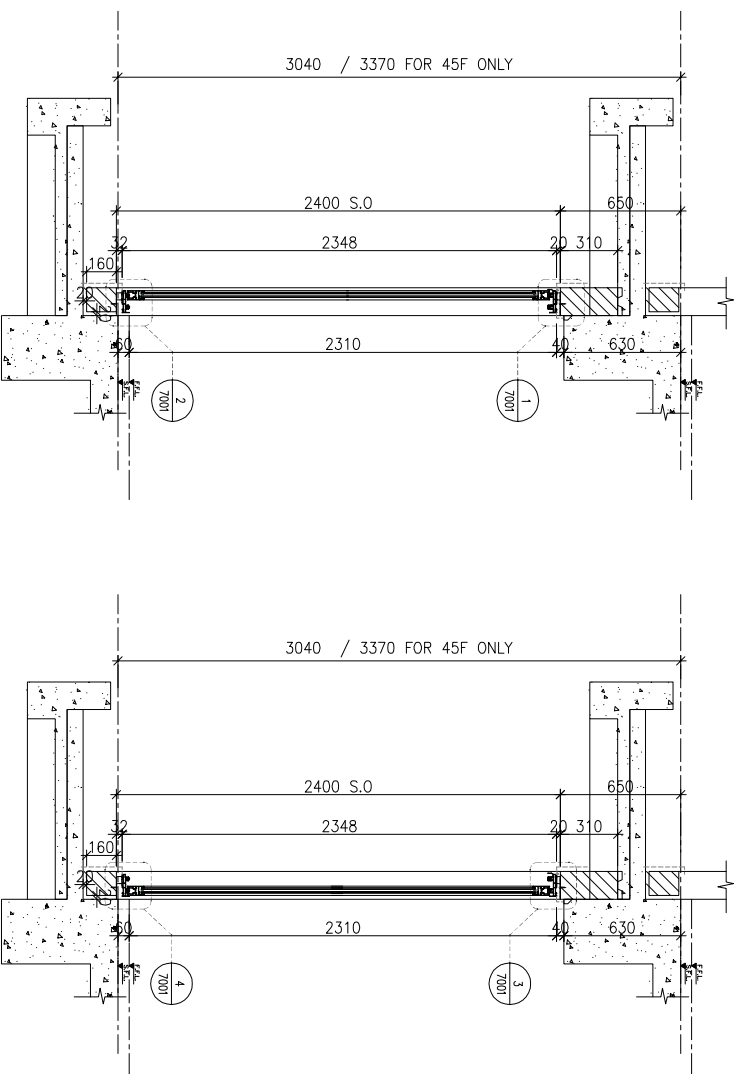
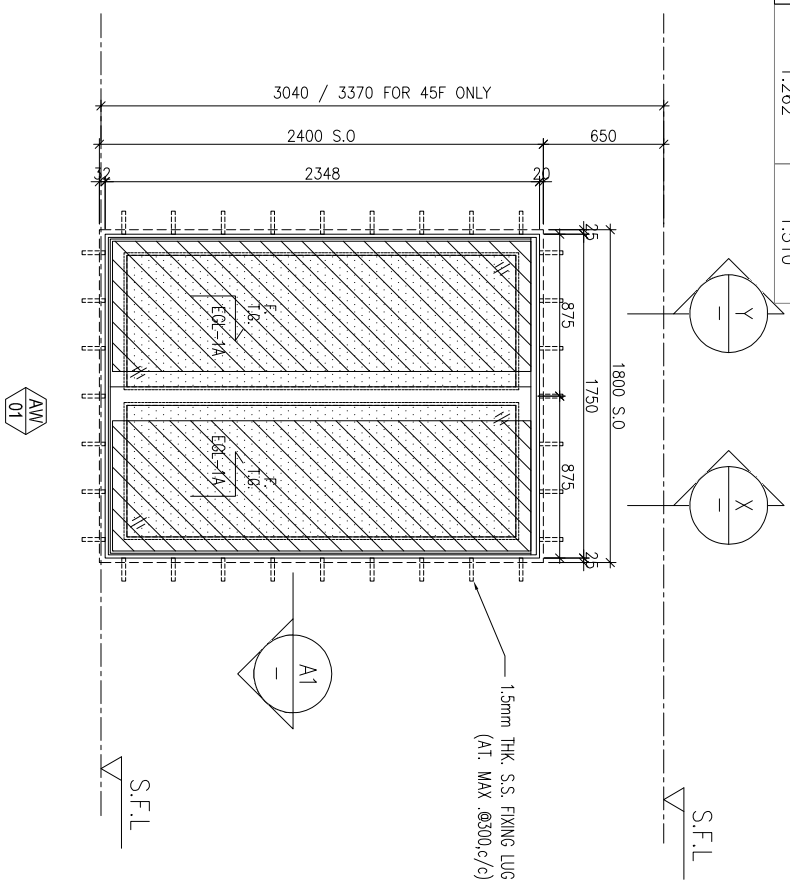
CHECKED BY :

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

DWG NO. : J856-SD-W-5216

REV. : C

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



BD. 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**

FAÇADE CONSULTANT : **ALPHA CONSULTING LIMITED**
Steel Structure & Façade 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
- EG1-1 --- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EG1-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EG1-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EG1-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)
- GLAZING AREA
- OPENABLE AREA

NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
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 :

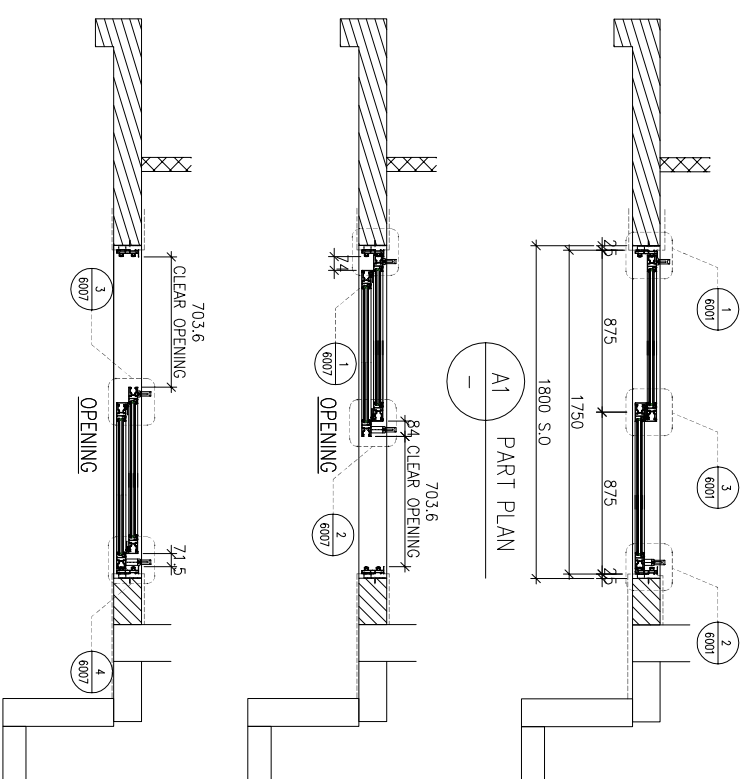
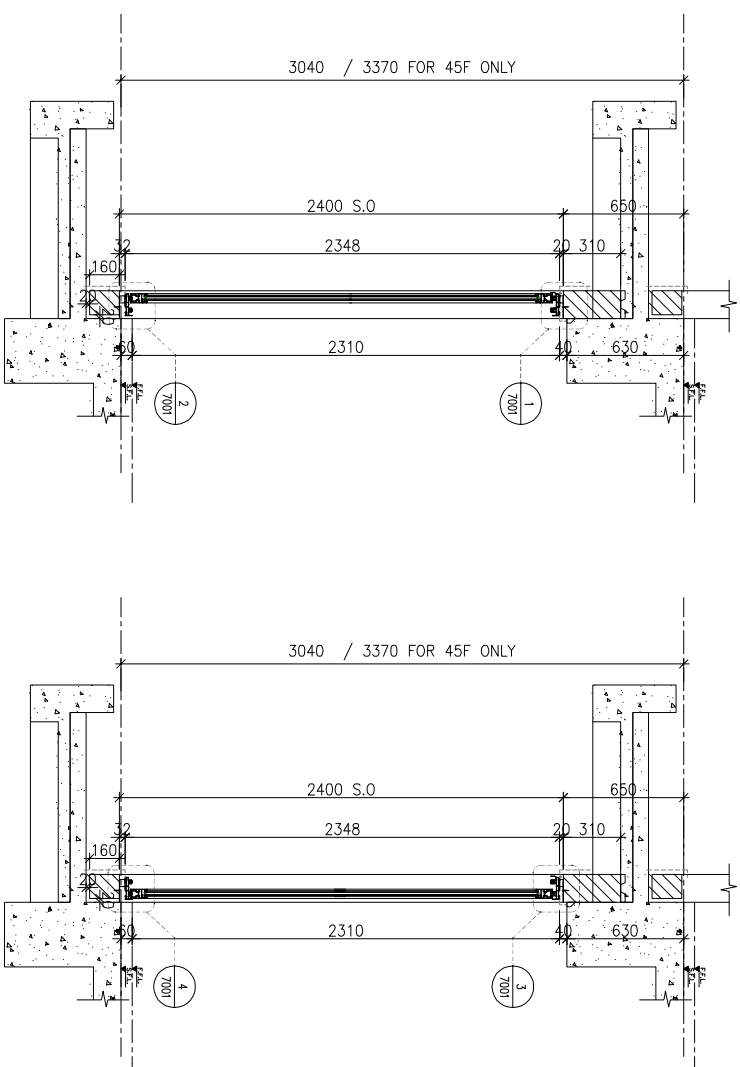
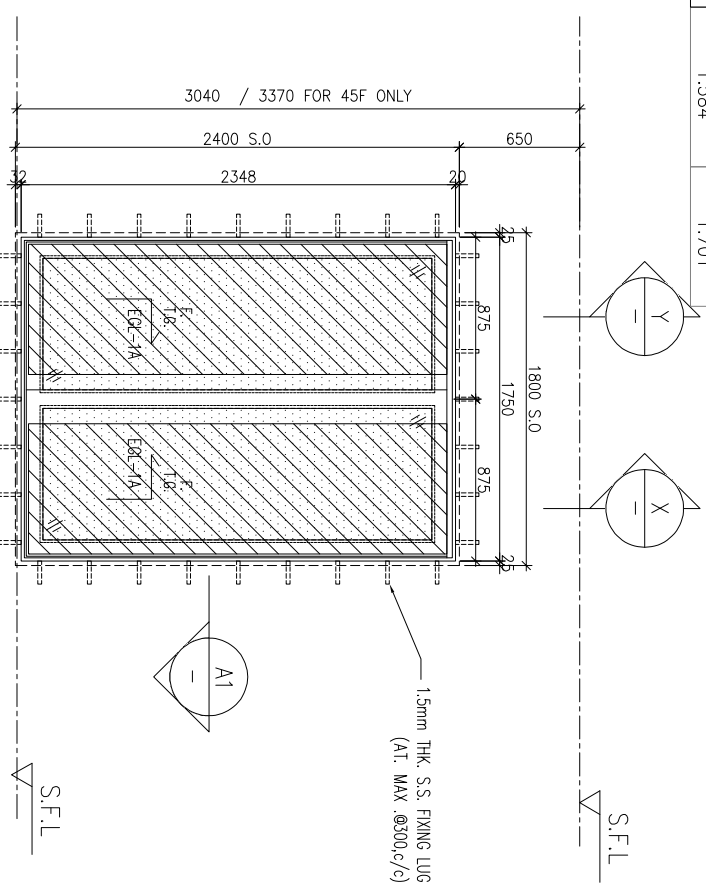
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, Kwai Tsou
610 Cho Kwai Ling Road, Kwai Tsou
Tel:23489211-4 Fax:(852)27272666

DWG NO. : J856-SD-W-5301 REV : G

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AW 01	3/F-45/F, 13/F, 14/F, 24/F, 34/F, 44/F OMITTED) UNIT A10, B7, B8, B6	70mm ALUM. SECTION	EG1-1A	37 Nos./37 Nos./37 Nos./37 Nos.)	FAÇADE (TYPE T3PF02 FOR 3/F-45/F)

ELEVATION

REQUIRED		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		



BD. 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**

FAÇADE CONSULTANT : **ALPHA CONSULTING LIMITED**
Steel Structure & Façade Specialist

ELEVATION

WINDOW MARK	AW 01
LOCATION	3/F-45/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	FAÇADE (TYPE T3PF08 FOR 3/F-45/F)

- 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 AND ETCHED GLASS
 - EGL-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
 - B1/B81 --- FIXING DETAIL (DWG. NO. F001)
 - B82 --- FIXING DETAIL (DWG. NO. F002)

NO.	DATE	REVISION	BY
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

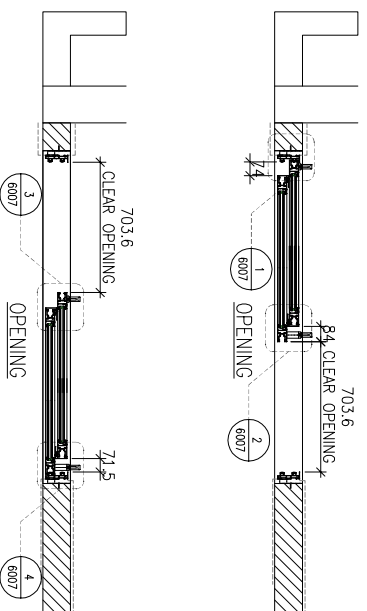
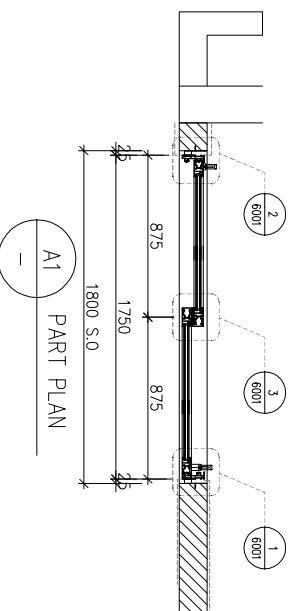
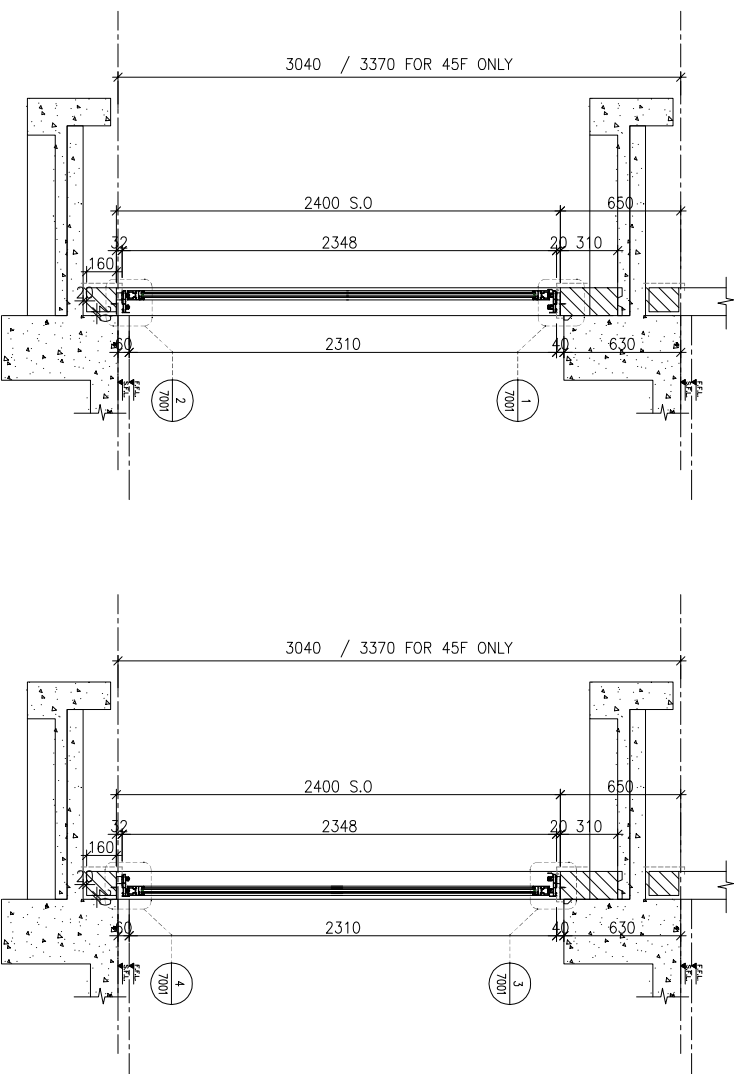
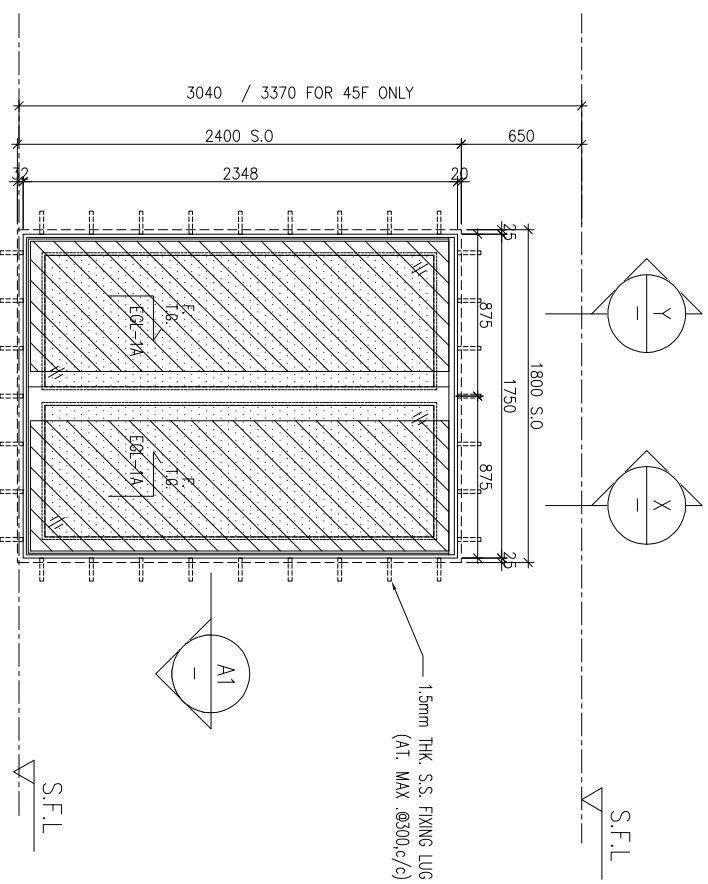
DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : ivan CHECKED BY : _____

UNITA 33 ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-W-5304 REV. : G

LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
A1-LIV	1,511	1,746	{1,591}	{2,99}



ELEVATION

WINDOW MARK	LOCATION	SECTION	QUANTITY	REMARKS
AW 01	3/F, 45/F, 4/F, 13/F, 14/F, 24/F, 34/F, 44/F OMITTED	70mm ALUM. SECTION	EGL-1A	
			38 Nos (3/F FOR 2 Nos.)	
				FACE (TYPE 13PF17 FOR 3/F-45/F)

BD. 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

FAÇADE CONSULTANT :

ALPHA CONSULTING LIMITED
Steel Structure & Façade 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. |
| (F.F.L.) | FINISHED FLOOR LEVEL |
| (S.F.L.) | STRUCTURAL FLOOR LEVEL |
| (R) | REVERSED DETAIL |

1. GLASS LEGEND
- EG1-1--8mmHS+12mm AR GAP+10mmTP THK. I.G.U.
- EG1-2--10mm THK. CRYSTAL GRAY TEMPERED GLASS
- EG1-4--10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
- EG1-1A-8mmHS+12mm AR GAP+8mmTP THK. I.G.U.
- B11/BB1-FIXING DETAIL (DWG. NO. F001)
- BB2-FIXING DETAIL (DWG. NO. F002)

NO.	DWG	REVISION	BY
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 WAL, N.T.

TITLE :
WINDOW SCHEDULE FOR
TOWER 3 IN-SITU WINDOW

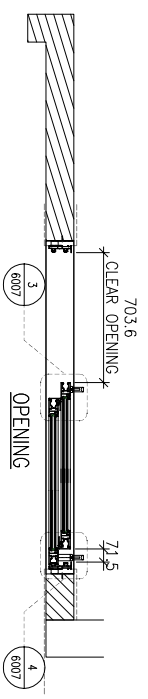
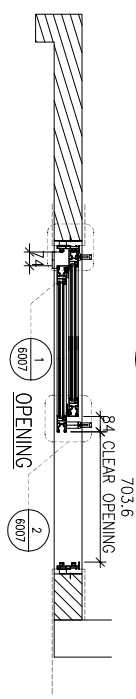
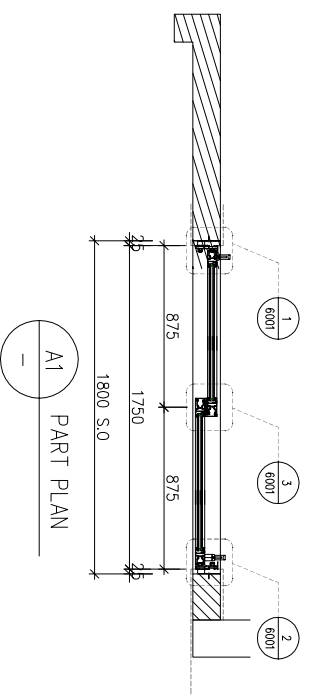
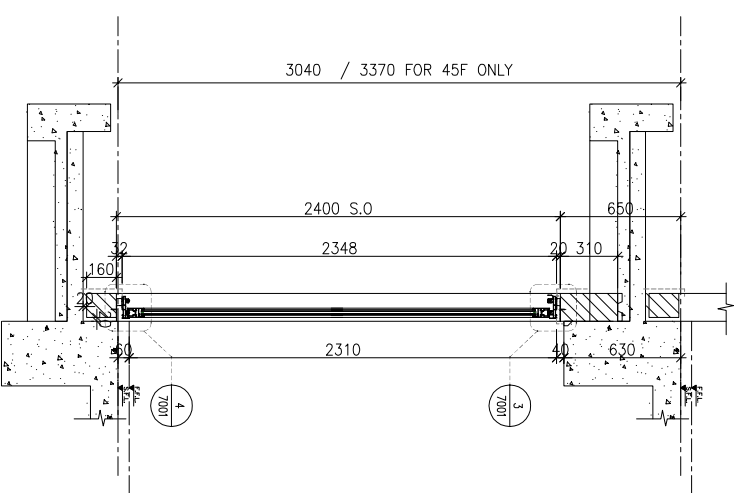
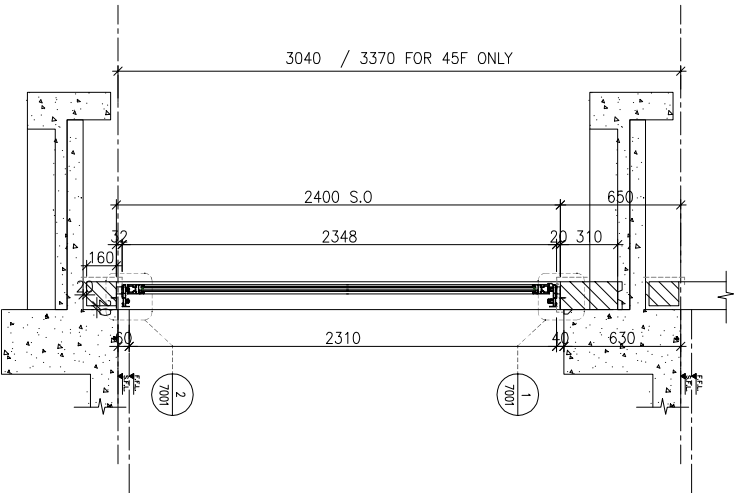
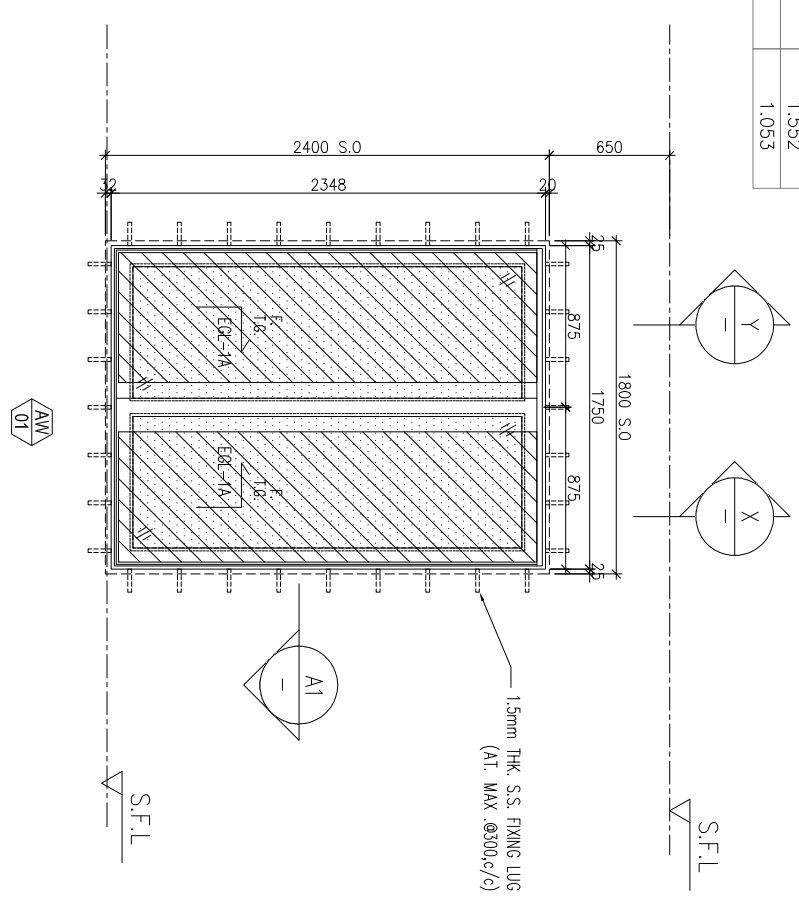
DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : ivan CHECKED BY :

美特鋁質有限公司
MIDI ALUMINUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kwai Tsoum
Tel:23489211-4 Fax:(852)27272666

DWG NO. : J856-SD-W-5306 REV. : G

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



BD. 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**
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

FAÇADE CONSULTANT:

NOTE :

- ALL DIMENSIONS ARE IN mm.
- ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
- ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

LEGEND :

(X1) --- DETAIL MARK NO.
(X001) --- REFER SHEET NO.

- F.F.L. --- FINISHED FLOOR LEVEL
- S.F.L. --- STRUCTURAL FLOOR LEVEL
- (R) --- REVERSED DETAIL

4. GLASS LEGEND

EG1-1--8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EG1-2--10mm THK. CRYSTAL GRAY TEMPERED GLASS
EG1-4--10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EG1-1A--8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
B11/BB1-FIXING DETAIL (DWG. NO. F001)
BB2-FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

NO.	DWG.	REVISION	SUBJECT TO ARCH-COMMENT	BY
D	09/01/2023	REVISION SUBJECT TO ARCH-COMMENT	None	None
C	22/06/2022	REVISION SUBJECT TO ARCH-COMMENT	None	None
B	24/11/2021	REVISION SUBJECT TO ARCH-COMMENT	None	None
A	10/11/2021	REVISION SUBJECT TO ARCH-COMMENT	None	None

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 : IYVN CHECKED BY :

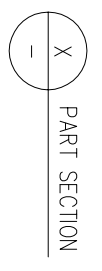
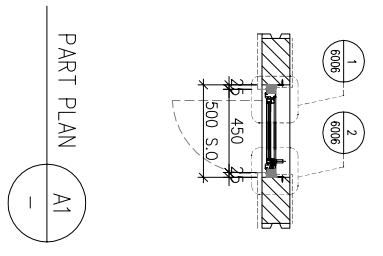
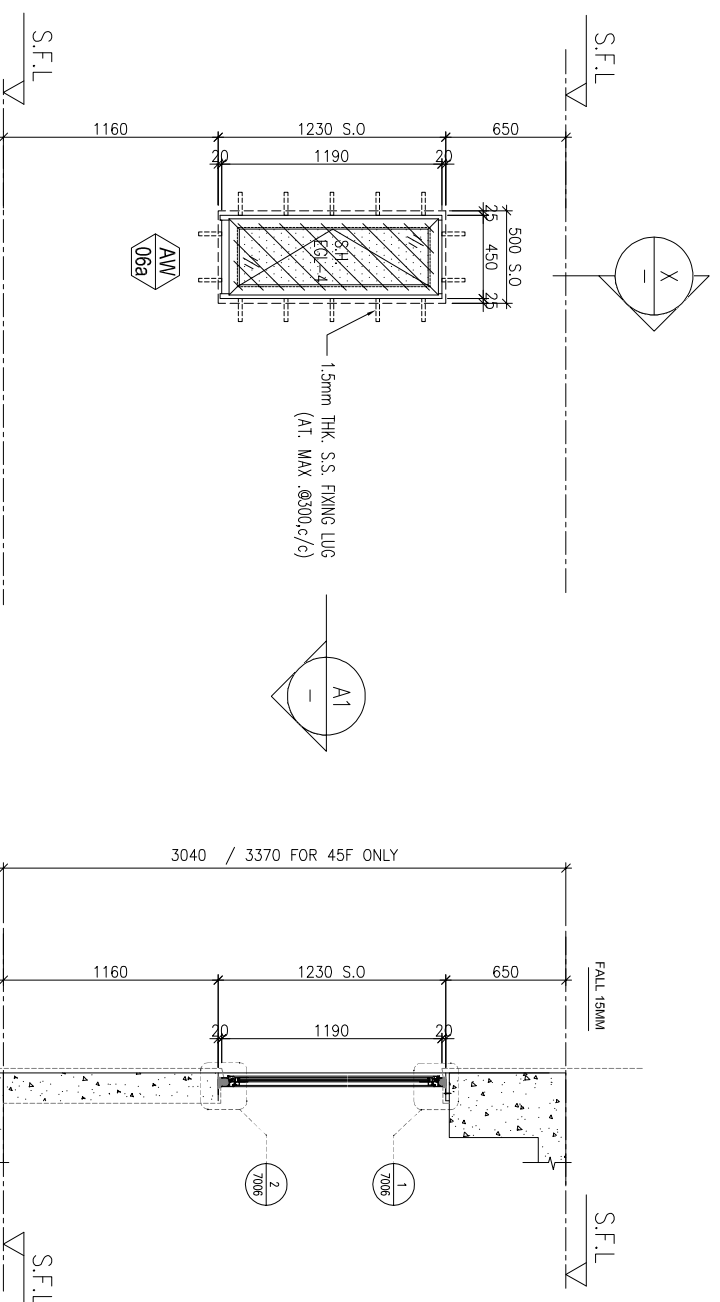
WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AM 01	3/F UNIT A2,A8,A9,B3,B11	70mm ALUM. SECTION	EG1-1A	1 No. / 1 No. / 1 No. / 1 No. /	

UNITA 6-8 Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666

業特鋁質有限公司
MIDI ALUMINUM FABRICATOR LTD.

DWG NO. : J856-SD-W-5310 REV : D

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



ELEVATION

WINDOW MARK	AW 066d
LOCATION	3/F (45/F, 13/F, 14/F, 24/F, 34/F, 44/F OMITTED) UNIT B10
SECTION	50mm ALUM. SECTION
GLAZING	EGL-4
QUANTITY	37 Nos.
REMARKS	50mm ALUM. WINDOW SECTION, 4 BAR HINGE-LIP HING (HHMS-N14)

WINDOW MARK	AW 066f
LOCATION	3/F (45/F, 13/F, 14/F, 24/F, 34/F, 44/F OMITTED) UNIT B1
SECTION	50mm ALUM. SECTION
GLAZING	EGL-4
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 :

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

STRUCTURAL ENGINEER :

ARUP

FAÇADE CONSULTANT :

ALPHA CONSULTING LIMITED
Steel Structure & Façade Specialist

- NOTE :
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 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 --- 6mmHS+12mm AIR GAP+10mmTP THK. LGU.
- EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
- EGL-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
- EGL-1A --- 6mmHS+12mm AIR GAP+8mmTP THK. LGU.
- B1/B11 --- FIXING DETAIL (DWG. NO. F001)
- B2 --- FIXING DETAIL (DWG. NO. F002)

- [Pattern] GLAZING AREA
- [Pattern] OPENABLE AREA

NO.	DWG.	REVISION	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

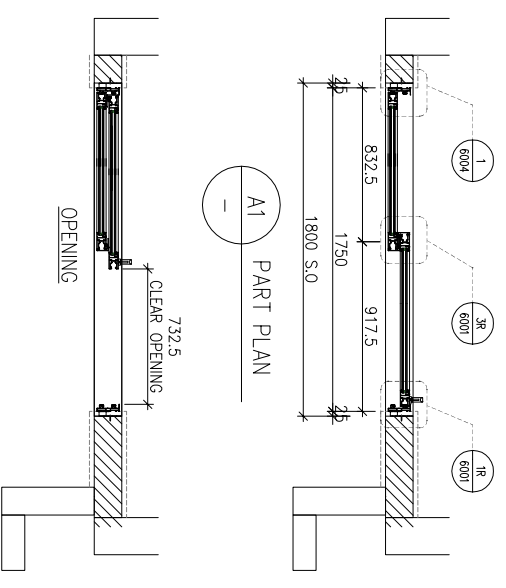
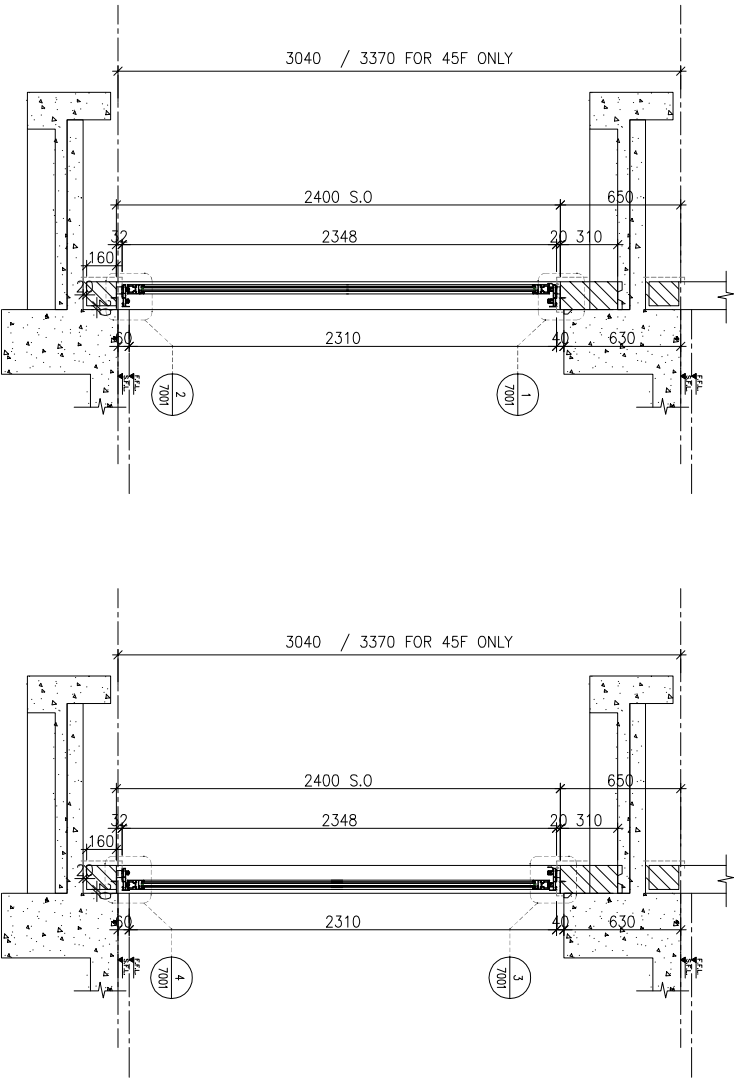
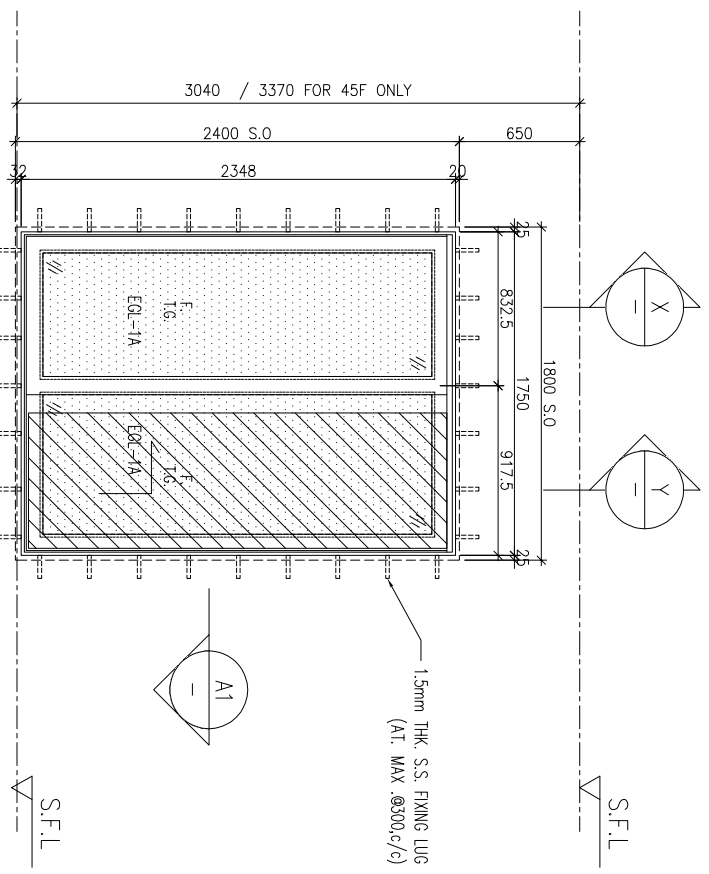
DRAWN BY : ivan

CHECKED BY :

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

DWG NO. : J856-SD-W-5311 REV. : F

REQUIRED		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		



BD. 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**

FAÇADE CONSULTANT : **ALPHA CONSULTING LIMITED**
Steel Structure & Façade 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
- EQ1-1 --- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
- EQ1-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
- EQ1-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
- EQ1-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
- BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
- BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

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

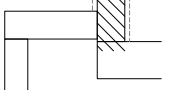
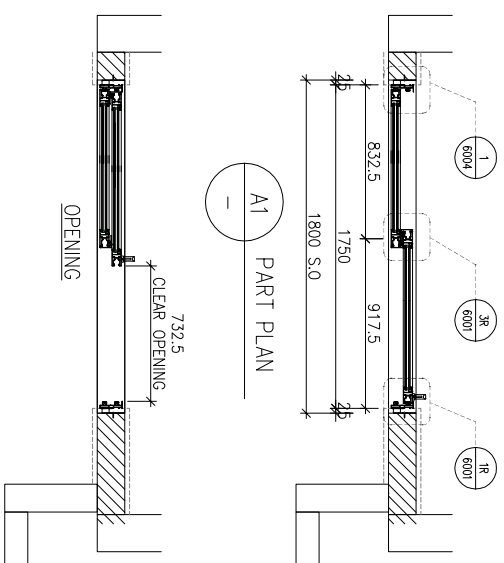
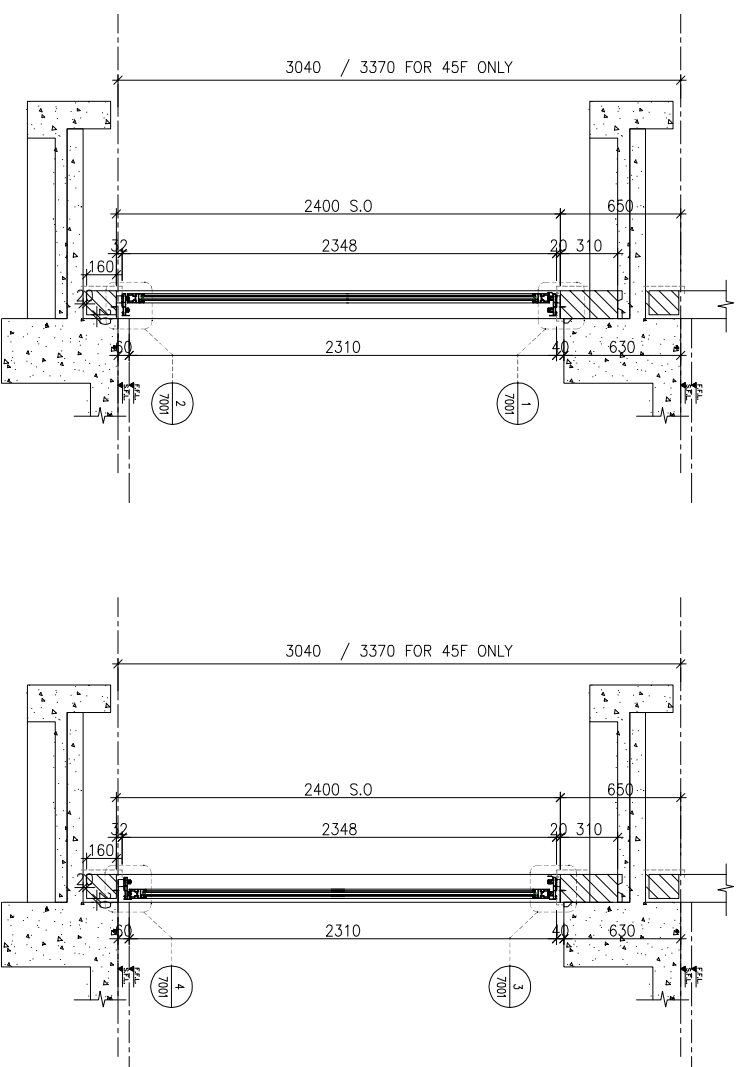
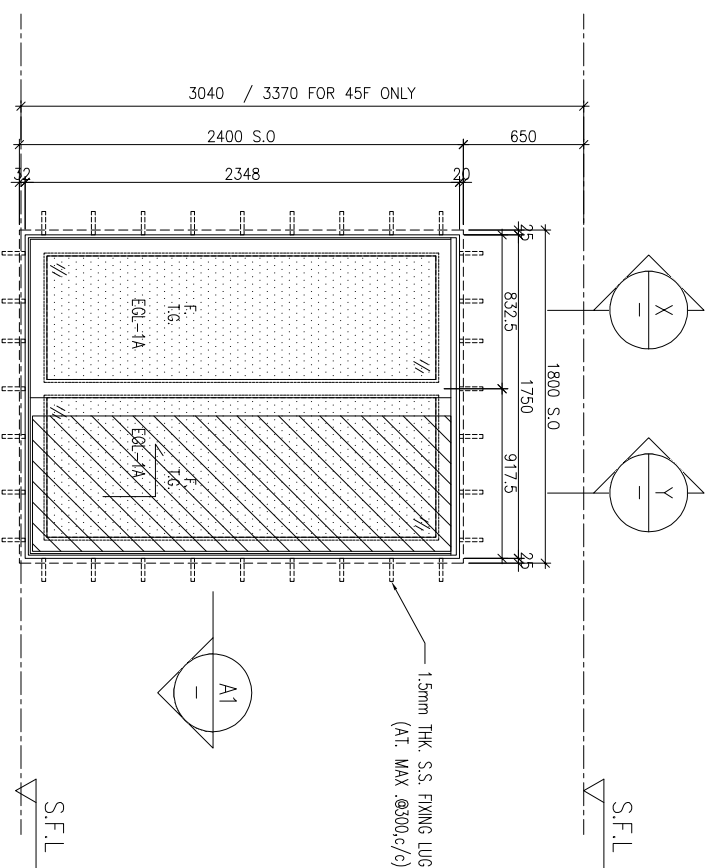
DRAWN BY : Ivan CHECKED BY :

NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
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	

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AM 05	5/F-45/F,13/F,14/F,24/F,34/F,44/F OMITTED	70mm ALUM. SECTION	EG1-1A	36 Nos/36 Nos/36 Nos	UNIT A2,A8,A9

UNITA 美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kwai Moon
Tel:23489211-4 Fax:(852)27272666
DWG NO. : J856-SD-W-5312 REV : F

REQUIRED		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA
B11-LIV	1,288	1,562	1,657
B3-LIV	1,001	1,053	{2,99}



ELEVATION

WINDOW MARK	AM 05
LOCATION	5/F-45/F.13/F.14/F.24/F.34/F.44/F OMITTED) UNIT B3, B1
SECTION	70mm ALUM. SECTION
GLAZING	EGL-1A
QUANTITY	36 Nos. / 36 Nos
REMARKS	

BD. 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
 ALPHA CONSULTING LIMITED
 Steel Structure & Facade Specialist

FAÇADE CONSULTANT:

- NOTE:
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LEGEND :

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- (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 --- 6mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
- EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
- EGL-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
- EGL-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
- B11/BB1 --- FIXING DETAIL (DWG. NO. F001)
- BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
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

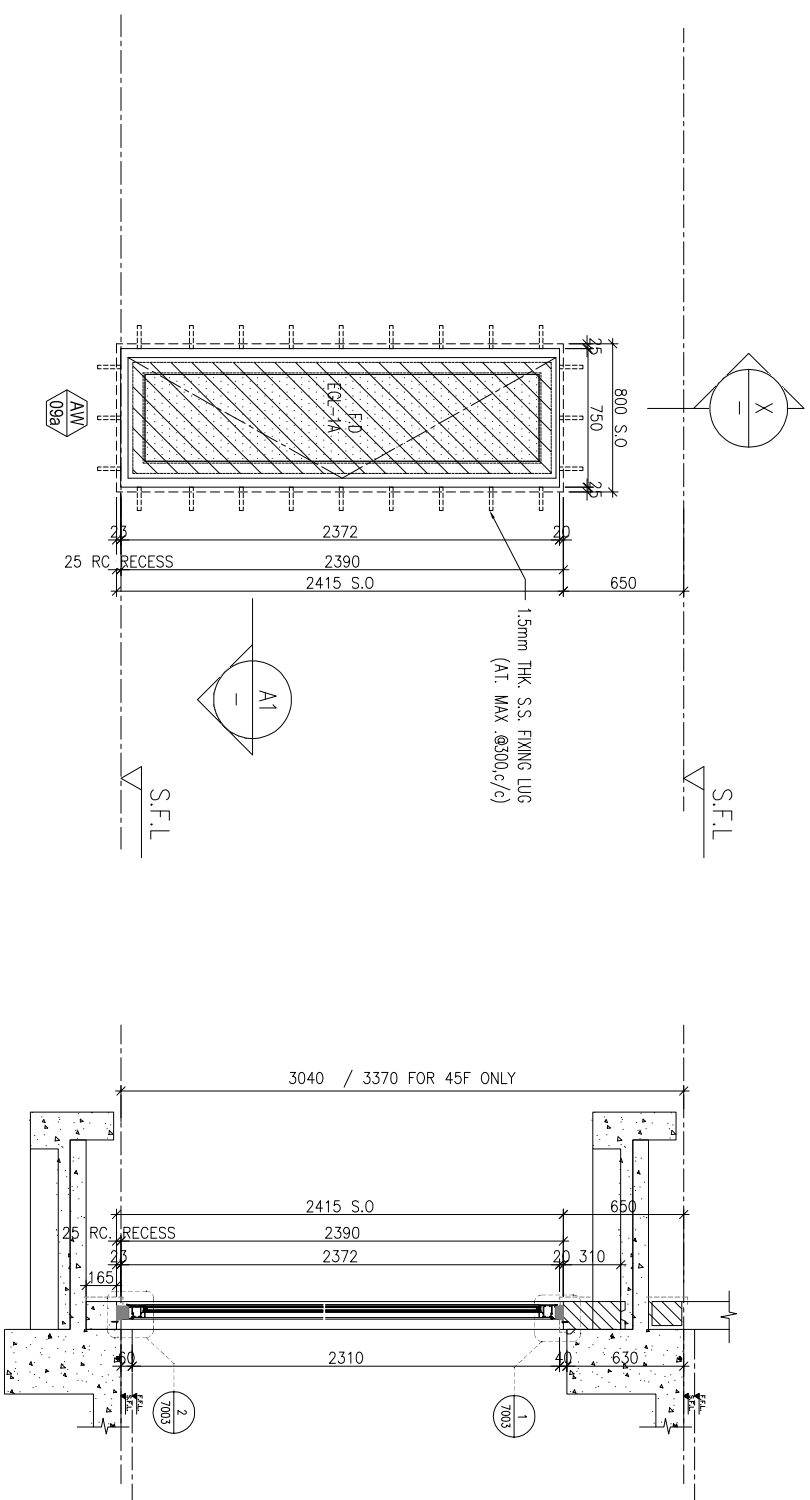
DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : ivan CHECKED BY :

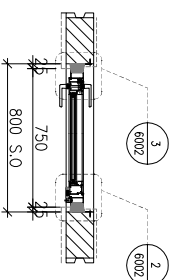
美特鋁質有限公司
MDI ALUMINUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cho Kwai Ling Road, Kwai Moon
 Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-W-5313 REV. : F

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



ELEVATION



X PART SECTION

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AM 09d	3/F UNIT B10	70mm ALUM. SECTION	EGL-2	(1NO.)	

BD. 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

FAÇADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Façade Specialist

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LEGEND :

- X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.
1. F.F.L. --- FINISHED FLOOR LEVEL
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 3. (R) --- REVERSED DETAIL

4. GLASS LEGEND

- EGL-1 --- 6mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EGL-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EGL-1A --- 6mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
B11/BB1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)

- GLAZING AREA
OPENABLE AREA

NO.	DATE	REVISION	SUBJECT TO ARCH-COMMENT	BY
E	09/01/2023	REVISION SUBJECT TO ARCH-COMMENT		hwk
D	11/11/2022	REVISION SUBJECT TO ARCH-COMMENT		hwk
C	22/06/2022	REVISION SUBJECT TO ARCH-COMMENT		hwk
B	13/01/2022	REVISION SUBJECT TO ARCH-COMMENT		hwk

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

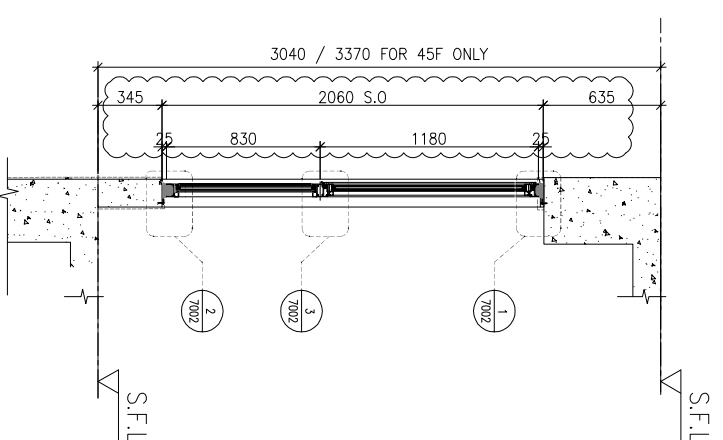
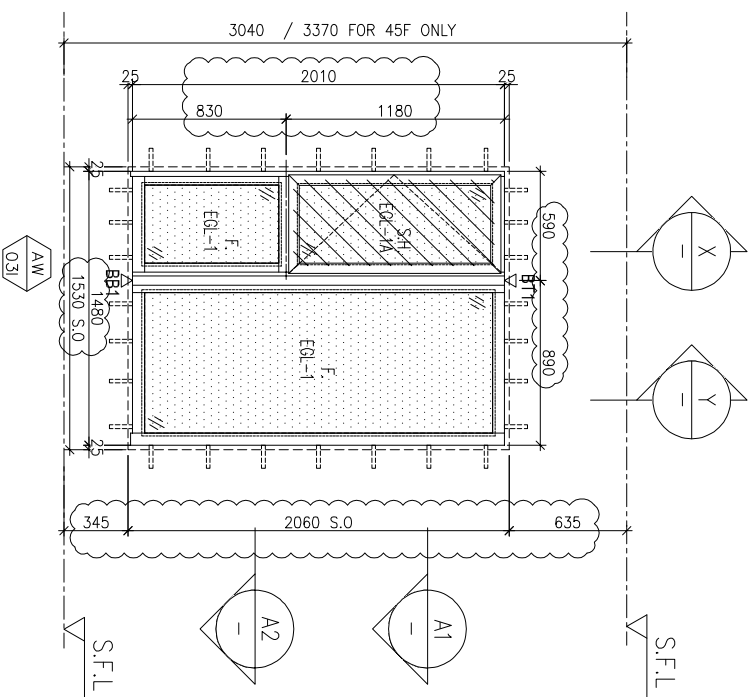
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DRAWN BY : IYVN CHECKED BY :

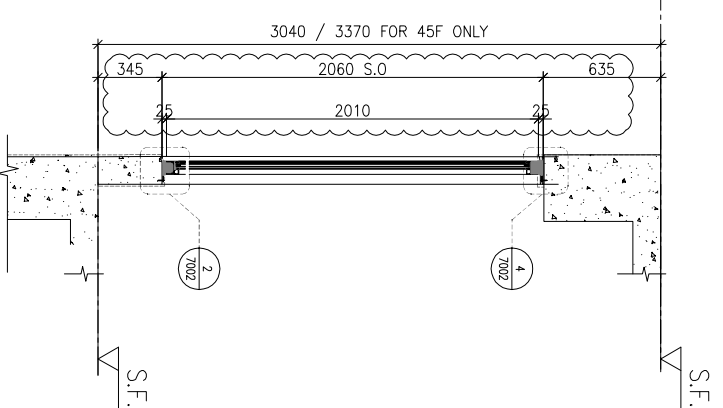
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-W-5314 REV. : E

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

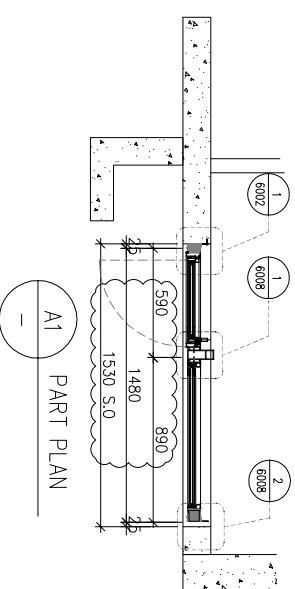


X-Y PART SECTION

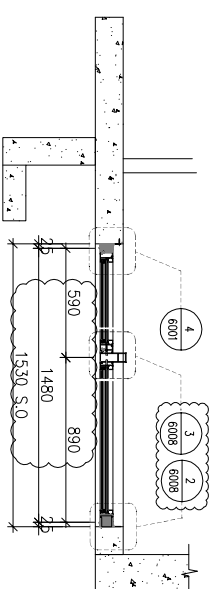


A1-A2 PART SECTION

ELEVATION



A1 PART PLAN



A2 PART PLAN

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AW 03/	3/F, 45/F, 4/F, 13/F, 14/F, 24/F, 34/F, 44/F (OMITTED)	UNIT A2, B3	EGL-1 / EGL-1A	37 Nos. / 37 Nos.	70mm ALUM. WINDOW SECTION, 4 BAR HINGE-LIP HING (HHMS-N14)

BD. 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

FAÇADE CONSULTANT :

ALPHA CONSULTING LIMITED
Steel Structure & Façade Specialist

- NOTE :
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LEGEND :

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

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

4. GLASS LEGEND

- EGL-1 --- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EGL-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EGL-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BBT1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA
OPENABLE AREA

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 : IYON CHECKED BY :

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

DWG NO. : J856-SD-W-5318 REV. : C

LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA	GLAZING AREA
B11-LIV	N/A	N/A	0.536	0.667

BD. REF : _____

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

ARCHITECT : **lwk&partners**
a f 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**
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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1. F.F.L. --- FINISHED FLOOR LEVEL
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3. (R) --- REVERSED DETAIL

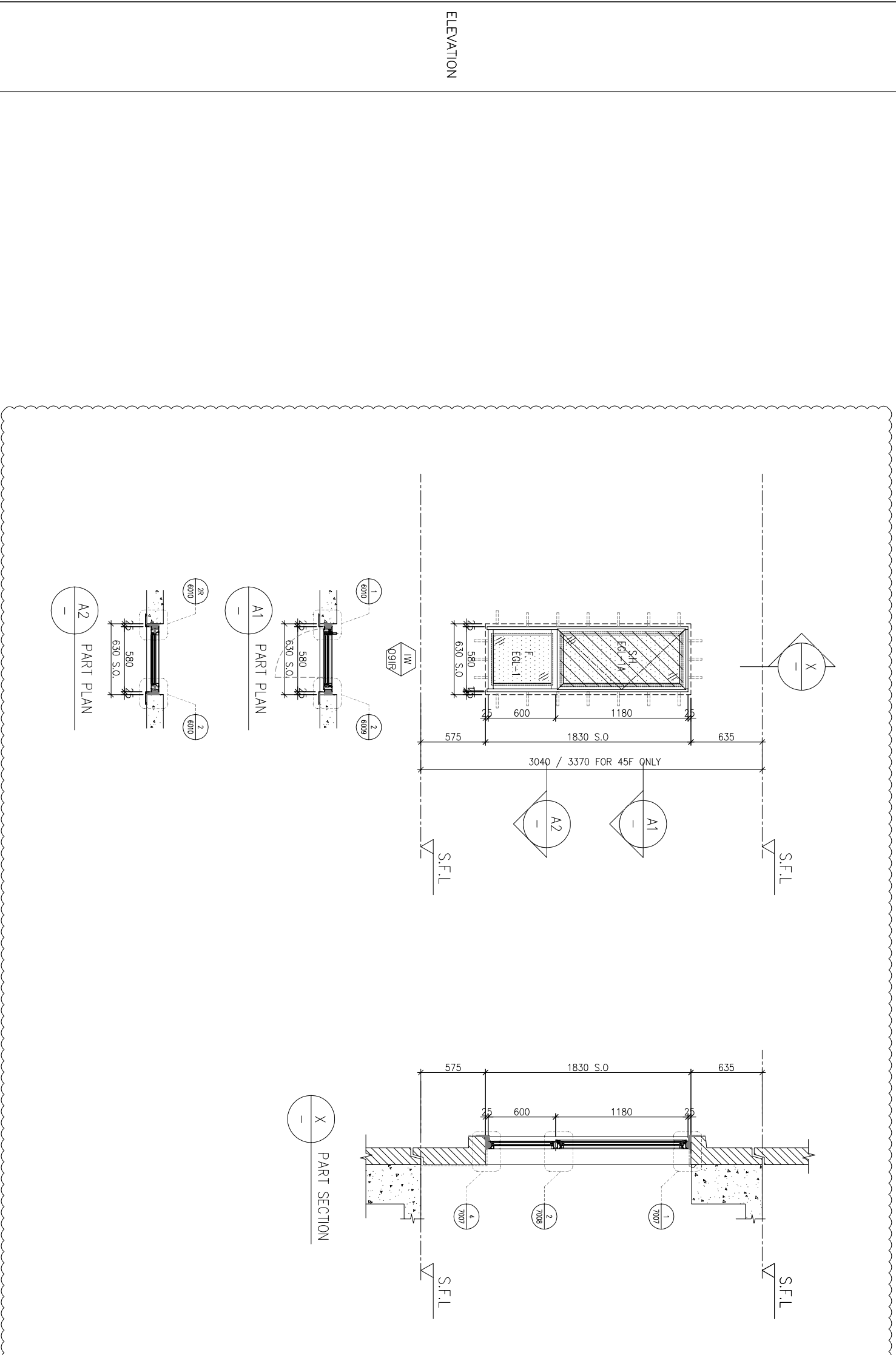
4. GLASS LEGEND
EG1-1 -- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EG1-2 -- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EG1-4 -- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EG1-1A -- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
B11/BB1 -- FIXING DETAIL (DWG. NO. F001)
BB2 -- FIXING DETAIL (DWG. NO. F002)

NO.	DWG.	REVISION	SUBJECT TO ARCH-COMMENT	DATE	BY
D	09/01/2023	REVISION SUBJECT TO ARCH-COMMENT	lwk		
C	11/11/2022	REVISION SUBJECT TO ARCH-COMMENT	lwk		
B	31/8/2022	REVISION SUBJECT TO ARCH-COMMENT	lwk		

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 : lwn CHECKED BY :

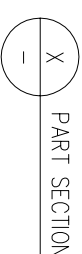
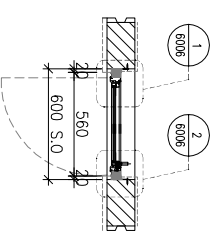
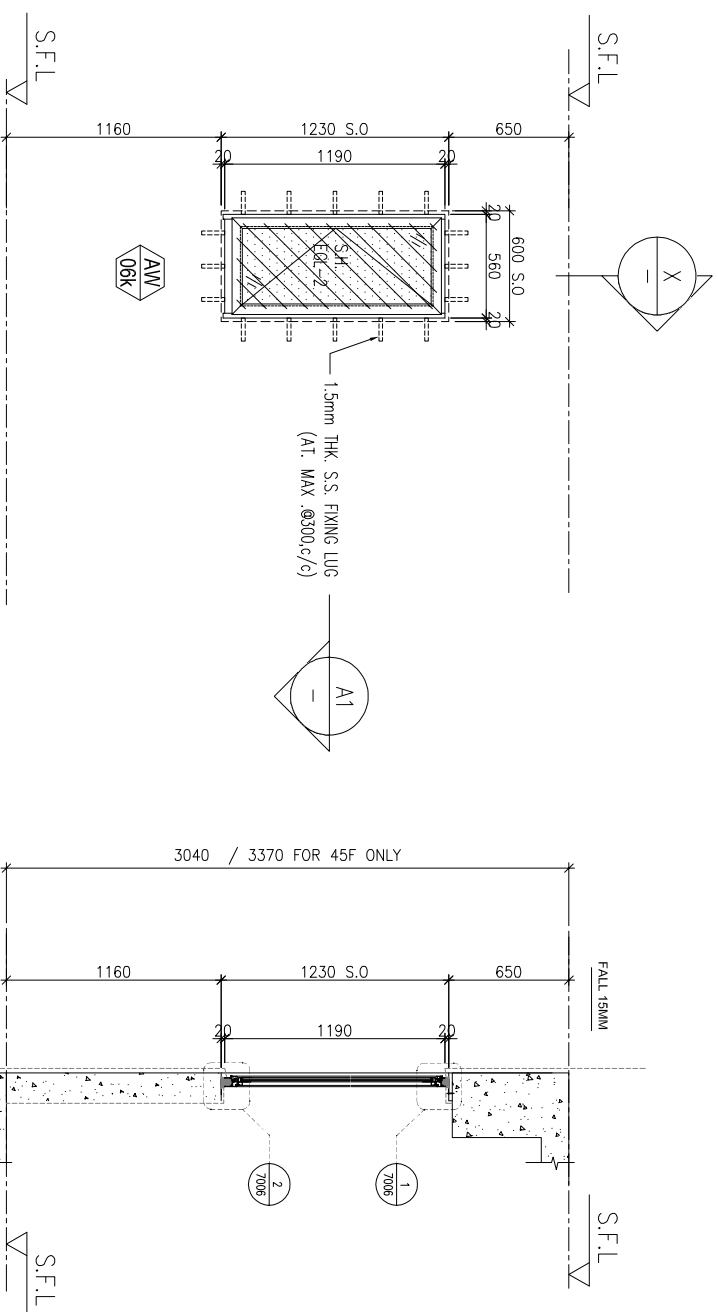
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kwai Tsou
Tel:23489211-4 Fax:(852)2727666
DWG NO. : J856-SD-W-5319 REV : D



ELEVATION

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AM 091R	3/F-45/F(4/F,13/F,14/F,24/F,34/F,44/F OMITTED) UNIT B11	50mm ALUM. SECTION	EG1-2	37 Nos.	70mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMS-N16)

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



ELEVATION

WINDOW MARK	LOCATION	SECTION	GLAZING	QUANTITY	REMARKS
AW 06K	5/F-45/F(4/F.13/F.14/F.24/F.34/F.44/F OMITTED)	UNIT A1	50mm ALUM. SECTION	36 Nos.	50mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMS-N14)
AW 06K/R	3/F UNIT A1	50mm ALUM. SECTION	EGL-2	1No.	

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

FAÇADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Façade 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 AND ETCHED GLASS
EGL-1A -- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BB1 -- FIXING DETAIL (DWG. NO. FD01)
BB2 -- FIXING DETAIL (DWG. NO. FD02)

GLAZING AREA

OPENABLE AREA

NO.	DATE	REASON	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

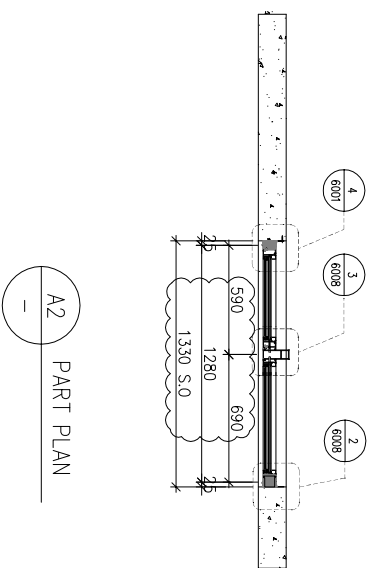
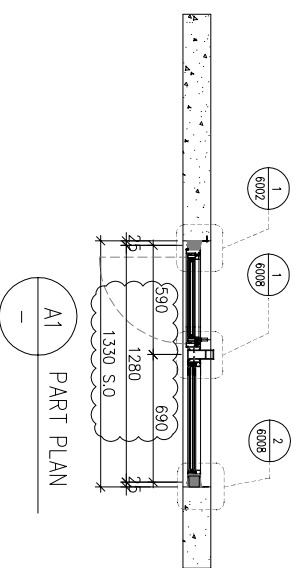
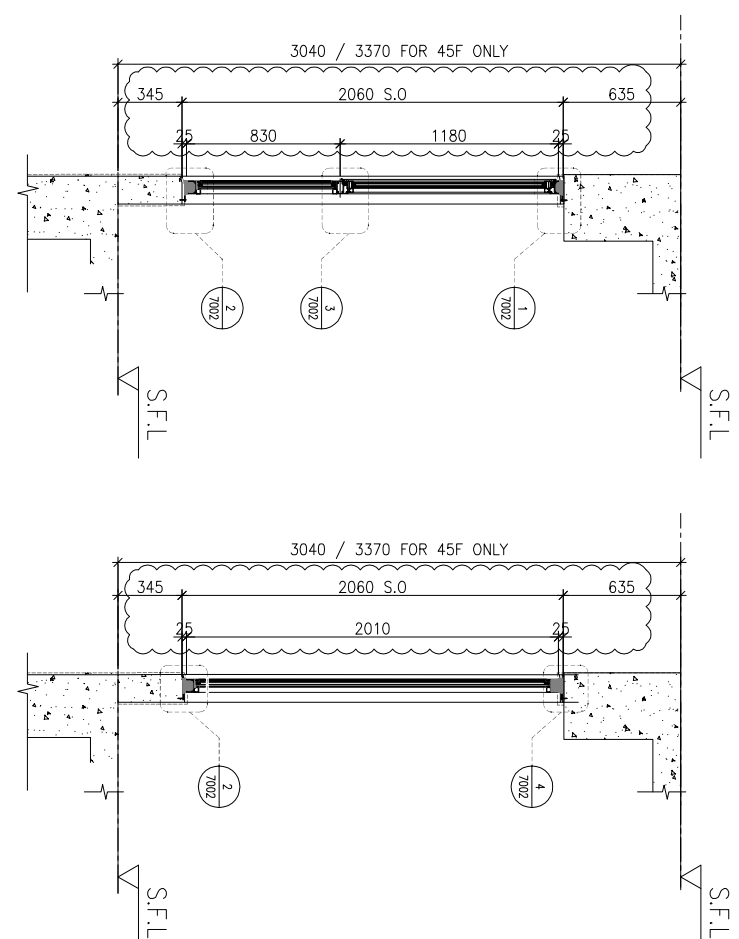
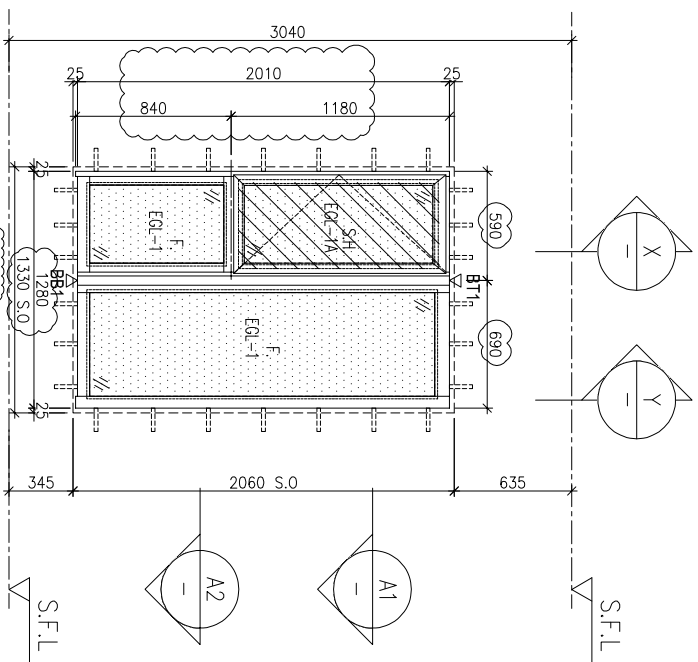
DRAWN BY : IYVN CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.

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

DWG NO. : J856-SD-W-5319d REV. : -

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



BD. 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**

FAÇADE CONSULTANT : **ALPHA CONSULTING LIMITED**
Steel Structure & Façade 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

EQ1-1 --- 8mmHS+12mm AIR GAP+10mmTP THK. I.G.U.
EQ1-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
EQ1-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
EQ1-1A --- 8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

NO.	DATE	REVISION	REVISION SUBJECT TO ARCH-COMMENT	BY
C	09/01/2023	REVISION SUBJECT TO ARCH-COMMENT		hwn
B	11/11/2022	REVISION SUBJECT TO ARCH-COMMENT		hwn
A	11/17/2022	REVISION SUBJECT TO ARCH-COMMENT		hwn

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 :

UNITA 6-8 Sunray Industrial Centre, 1/F
610 Cho Kwai Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666

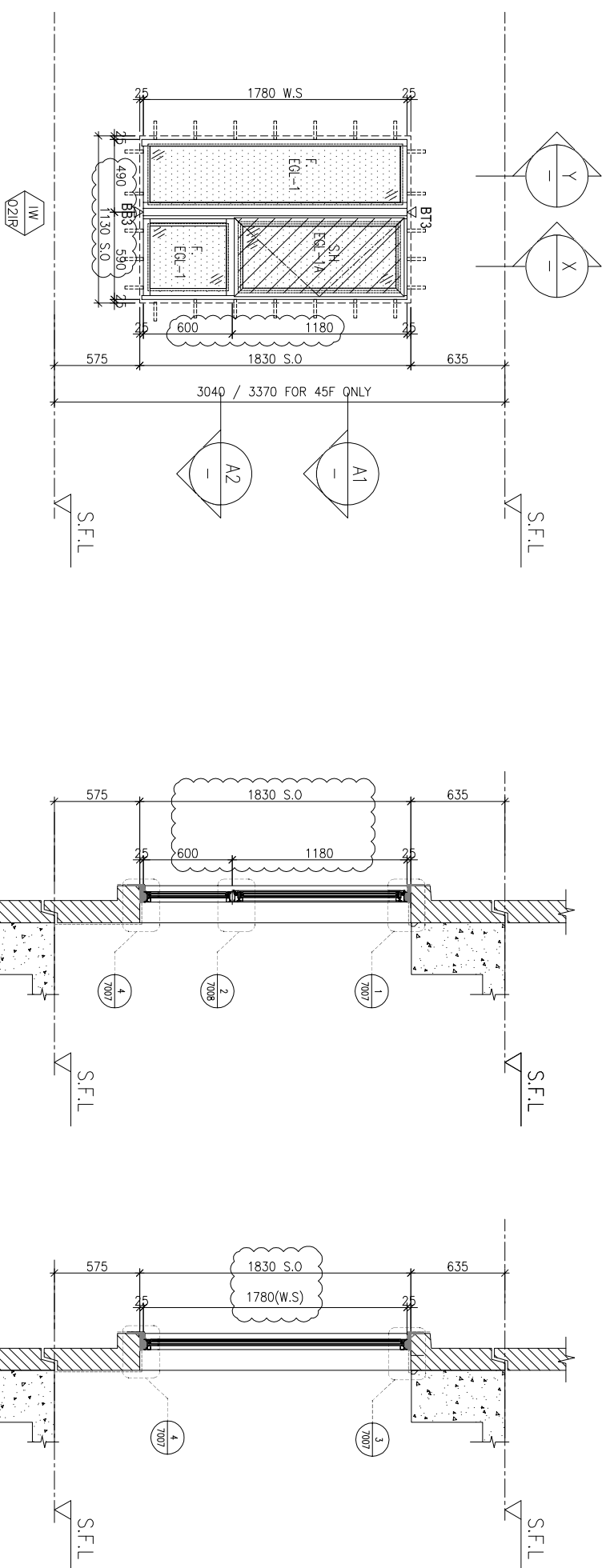
美特铝质有限公司
MIDI ALUMINIUM FABRICATOR LTD.

DWG NO. : J856-SD-W-5320 REV : C

WINDOW MARK	AW 04
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./37 Nos.
REMARKS	70mm ALUM. WINDOW SECTION , 4 BAR HINGE-LIP HING (HHMS-N14)

ELEVATION

REQUIRED		PROVIDED	
LOCATION	OPENABLE AREA	GLAZING AREA	OPENABLE AREA
A3-BR1	0.263	0.420	(0.525)
			(1.294)



ELEVATION

FACADE CODE		
LWK	鴻輝	UNIT
PF-021R	T3PF-05	A3

PRECAST WINDOW CHANGE TO IN-SITU WINDOW

WINDOW MARK	021R/021R
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)

BD. 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 :

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2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

LEGEND :

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- (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 --- 6mmHS+12mm AIR GAP+10mmTP THK. LGU.
- EGL-2 --- 10mm THK. CRYSTAL GRAY TEMPERED GLASS
- EGL-4 --- 10mm THK. CRYSTAL TEMPERED AND ETCHED GLASS
- EGL-1A --- 6mmHS+12mm AIR GAP+8mmTP THK. LGU.
- BT1/BB1 --- FIXING DETAIL (DWG. NO. F001)
- BB2 --- FIXING DETAIL (DWG. NO. F002)

GLAZING AREA

OPENABLE AREA

NO.	DATE	REVISION SUBJECT TO ARCH/COMMENT	HOW
A	09/01/2023		

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 :

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

DWG NO. : J856-SD-PW-5321 REV. : A