



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

工程指示編號:	EI- 6962A	修改版本:	A
	HK- 0620		
工程編號:	J 856	工程名稱:	天榮站
收件人:	生統/林仁安/謝永林	發件人:	Iris
工程項目:	8th Shop Drawing for Acoustic Window at Tower 拆圖用 (修改A)	日期:	05/04/2024
	以此 8th 為最新版 5/4/2024		

☒ 原合約工程包	☐ 原合約工程加 / 減賬 QT-	☐ 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:

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

內容:	8th Shop Drawing for Acoustic Window at Tower 拆圖用 (修改A) 2024-4-5
- 圖紙(J856-SD-AS-DT61, J856-SD-AS-DT71)要加頂鋁 - 圖紙(J856-SD-CW-8018A, J856-SD-CW-8019A)隔音窗取消棉及孔板,要補回普通鋁板	
完成上列要求日期: 12/04/2024	

國內

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

香港

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

*發件人簽署: Iris	*組別成員批核簽署:
傳遞編號:	項目經理簽署:

PROJECT :

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

SHOP DRAWING FOR ACOUSTIC WINDOW OF TOWER
DATE: 05-Apr-24



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

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

NO.	DATE	REVISED	BY
DWG NO. :	J856-SD-AS-0000	REV. :	G

DRAWING SUBMISSION REGISTER

PROJECT: PROPOSED DEVELOPMENT ABOVE LIGHT RAIL, TIN WING STOP, TSWTL NO.23, AREA 33, TIN SHUI WAI, N.T.	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			AP - APPROVED	AP - APPROVED	AP - APPROVED	ISSUE TO CHINA OFFICE	ISSUE TO SITE	ISSUE TO SUB-CONTRACTOR						
	DAY	6	16	22	15	16	10	5	3			AC - APPROVED SUB. TO CONDITION	AC - APPROVED SUB. TO CONDITION	AC - APPROVED SUB. TO CONDITION									
	MONTH	1	1	3	5	6	8	9	4			NA - NOT APPROVED	NA - NOT APPROVED	NA - NOT APPROVED									
YEAR	23	23	23	23	23	23	23	23	24														
DRAWING TITLE		DWG. NO.		REVISIONS								COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE
COVER PAGE		J866-SD-AS-0000	-	A	B	C	D	E	F	G													
DRAWING REGISTER		J866-SD-AS-0001	-	A	B	C	D	E	F	G													
GENERAL NOTES FOR ACOUSTIC WINDOW OF TOWER		J866-SD-AS-0011																					
DIE LIST FOR ACOUSTIC WINDOW		J866-SD-AS-0101																					
PLAN FOR IN-SITU WINDOW AT TOWER 1 FOR 6F-46F		J866-SD-AS-3102	-	A	B	B	B	B	C	C													
PLAN FOR IN-SITU WINDOW AT TOWER 1 FOR 46F		J866-SD-AS-3103					-	-	-	-													
PLAN FOR IN-SITU WINDOW AT TOWER 3 FOR 3F		J866-SD-AS-3301	-	A	A	A	A	A	B	B													
PLAN FOR IN-SITU WINDOW AT TOWER 3 FOR 6F-46F		J866-SD-AS-3302	-	-	-	-	-	-	-	A													
WINDOW SCHEDULE FOR TOWER 1 ACOUSTIC WINDOW		J866-SD-AS-5101	-	A	B	C	D	E	E	F													
WINDOW SCHEDULE FOR TOWER 1 ACOUSTIC WINDOW		J866-SD-AS-5102	-	A	B	C	D	E	E	F													
WINDOW SCHEDULE FOR TOWER 1 ACOUSTIC WINDOW		J866-SD-AS-5103	-	-	A	B	B	C	C	D													
WINDOW SCHEDULE FOR TOWER 1 ACOUSTIC WINDOW		J866-SD-AS-5104	-	A	B	C	C	C	D	D	E												
WINDOW SCHEDULE FOR TOWER 1 ACOUSTIC WINDOW		J866-SD-AS-5105	-	A	B	C	C	C	D	D	E												
WINDOW SCHEDULE FOR TOWER 1 ACOUSTIC WINDOW		J866-SD-AS-5106	-	A	B	C	C	C	D	D	E												
WINDOW SCHEDULE FOR TOWER 1 ACOUSTIC WINDOW		J866-SD-AS-5107	-	A	B	C	D	D	E	E	F												
CURTAIN WALL SCHEDULE FOR TOWER 1 ACOUSTIC WINDOW		J866-SD-AS-5108								-													
WINDOW SCHEDULE FOR TOWER 3 ACOUSTIC WINDOW		J866-SD-AS-5301	-	A	B	C	C	D	D	E													
WINDOW SCHEDULE FOR TOWER 3 ACOUSTIC WINDOW		J866-SD-AS-5302	-	A	B	C	D	D	E	E	F												
CURTAIN WALL SCHEDULE FOR TOWER 3 ACOUSTIC WINDOW		J866-SD-AS-5303								-													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT01	-	-	A	A	A	A	B	C													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT02	-	-	A	A	B	B	C	D													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT03	-	-	A	A	A	A	B	C													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT04	-	A	B	C	D	D	D	E													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT04A						-	-	A													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT05	-	-	-	-	A	A	B	C													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT06			-	-	A	A	B	C													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT11			-	-	-	-	-	A													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT21			-	-	A	A	A	B													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT22			-	-	A	B	B	C													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT31								-													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT51	-	-	A	A	A	B	C	D													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT52	-	-	A	A	A	B	C	D													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT53	-	-	A	A	A	B	C	D													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT61			-	-	-	A	B	C													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT71			-	-	A	B	C	D													
TYPICAL DETAILS FOR ACOUSTIC WINDOW		J866-SD-AS-DT72			-	-	A	B	C	D													
TYPICAL DETAILS FOR CURTAIN WALL ACOUSTIC WINDOW		J866-SD-CW-8018							-	A													
TYPICAL DETAILS FOR CURTAIN WALL ACOUSTIC WINDOW		J866-SD-CW-8019							-	A													
TYPICAL DETAILS FOR CURTAIN WALL ACOUSTIC WINDOW		J866-SD-CW-8018A							-	A													
TYPICAL DETAILS FOR CURTAIN WALL ACOUSTIC WINDOW		J866-SD-CW-8019A							-	A													
																	</						

IN-HOUSE DESIGN CHECKER	 美特鋁質有限公司 MIDI ALUMINIUM FABRICATOR LTD. Units 6-8, Sunny Industrial Centre, 1/F 610 Chin Kwo Ling Road, Kwomoon Tel:23489211-4 Fax:(852)21717666
	DMC NO. : J856-SD-AS-0001 REC. : G

GENERAL NOTES FOR ACOUSTIC WINDOW

CODES AND STANDARDS

CODE OF PRACTICE FOR DEAD AND IMPOSED LOADS 2011.
CODE OF PRACTICE FOR STRUCTURAL USE OF CONCRETE 2013.
CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011.
BUILDING (CONSTRUCTION) REGULATIONS CAP 123.

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

ALL CUT/WELDED AREAS IN GALVANIZED STEEL SHALL BE MADE GOOD BY AT LEAST TWO COATS OF ZINC RICH PRIMER TO BS 4692.

DENSITY	77kN/m ³
YOUNG'S MODULUS	205,000MPa
YIELD STRENGTH	275MPa
MINIMUM TENSILE STRENGTH	430MPa
DESIGN STRENGTH (S16mm)	275MPa
DESIGN STRENGTH (S40mm)	265MPa

ALUMINIUM EXTRUSION

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

DENSITY	27.2kN/m ³
YOUNG'S MODULUS	70,000MPa
0.2% PROOF STRESS	6063-T6 6063-T5 160MPa 110MPa
MINIMUM TENSILE STRENGTH	215MPa 150MPa
LIMITING BENDING STRENGTH	160MPa 110MPa
LIMITING TENSILE STRENGTH	175MPa 130MPa
LIMITING SHEAR STRENGTH	95MPa 65MPa

ALUMINIUM PANEL

ALL ALUMINIUM PANEL TO BE GRADE 3004-H14 TO BS EN 485-2 : 2008 AND BS EN 573-3:2009

DENSITY	27.2kN/m ³
YOUNG'S MODULUS	70,000 N/mm ²
0.2% PROOF STRESS	125 N/mm ²
MINIMUM TENSILE STRENGTH	145 N/mm ²
LIMITING BENDING STRENGTH	125 N/mm ²
LIMITING TENSILE STRENGTH	135 N/mm ²
LIMITING SHEAR STRENGTH	75 N/mm ²

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 (BIRMEN PAINT ECT.)

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

CONCRETE

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

CONCRETE STRENGTH SHALL BE 45MPa. (MIN.)

B.D. REF.	TYPE	MINIMUM CONCRETE THICKNESS (mm)	EFFECTIVE ANCHORAGE DEPTH (mm)	MINIMUM EDGE DISTANCE (mm)	MINIMUM SPACING (mm)	RECOMMENDED TENSILE FORCE (kN)	RECOMMENDED SHEAR FORCE (kN)	PULL-OUT TEST LOAD (kN)
BD-AF 151	"HILT" HST3-R M8 SAFETY ANCHOR BOLTS	80	47	40	35	2.8	5.2	11.50 x 1.342 X2.80 = 5.64

CONCRETE INFLUENCE FACTOR= $\frac{f_{ct,cube}/25N/mm^2}{=45/25} = 1.342$

SEALANT, GASKET AND SETTING BLOCK

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

GLASS

ALL GLASS PANELS SHALL BE COMPLYING WITH BS 992 AND DESIGN TO CODE OF PRACTICE FOR STRUCTURAL USE OF GLASS 2018.

IMPACT TEST TO BE COMPLYING WITH BS EN 12601 (CLASS 1)

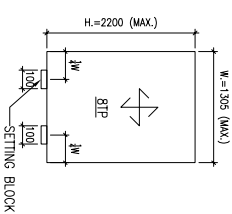
DENSITY	25kN/m ³
YOUNG'S MODULUS	70,000MPa

ULTIMATE DESIGN STRENGTH OF GLASS

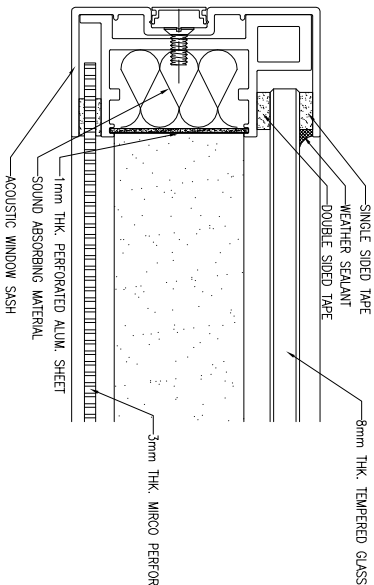
TEMPERED GLASS(TP)	BENDING STRENGTH (SHORT TERM DURATION)
	80MPa

ALL TEMPERED GLASS SHALL COMPLY WITH HEAT SOAK TEST REQUIREMENT IN ACCORDANCE WITH PNAP APP 37-2022

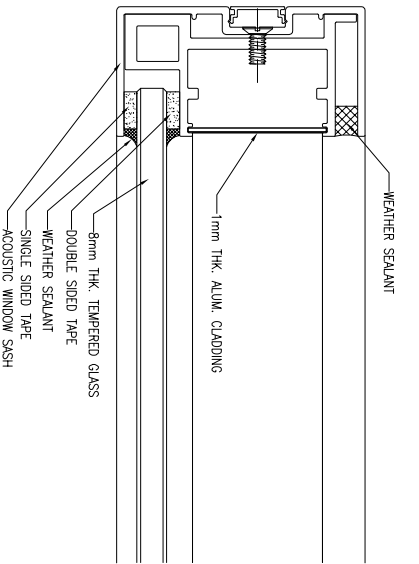
HEAT SOAK PROCESS CONFORMING TO BS EN 14179-1: 2016 AND COMPLYING WITH CODE OF PRACTICE FOR STRUCTURAL USE OF GLASS 2018 SHOULD BE CARRIED OUT.



TYPICAL ACOUSTIC WINDOW DETAIL

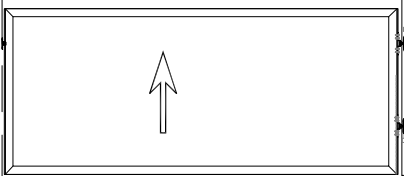


WITH OUT MPA WITH OUT SAM ACOUSTIC WINDOW DETAIL



HILT M8 ANCHOR BOLT
@ 500C.C MAX
250 MAX. 250 MAX.

TYPICAL ACOUSTIC WINDOW ELEVATION



B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



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 :

NO.	DATE	REVISION	BY
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JOB NO. : J-856

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

TITLE :

GENERAL NOTES FOR ACOUSTIC WINDOW OF TOWER

DATE : 12-Sep-22 SCALE : 1:3

DRAWN BY : ivon CHECKED BY :



Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23469211-4 Fax:(852)7727666

DWG NO. : JB56-SD-AS-0011 REV. : -

B.O. REF :

CLIENT :

SUN HUNG KAI
REAL ESTATE AGENCY LTD.

42/F SUN HUNG KAI CENTRE, WINGCHAI, 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
ALPIA CONSULTING LIMITED
Steel Structure & Facade Specialist

FAÇADE CONSULTANT:

ALPIA 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. **⊗** --- REVERSED DETAIL
4. GLASS LEGEND

EQG-1 --- 8mmHS+12mm AIR GAP+6mmTP THK. I.G.U.
EQG-2 --- 10mm THK. CLEAR TEMPERED GLASS
EQG-4 --- 10mm THK. TEMPERED ACID ETCHED GLASS

NO.		DATE	REVISION	BY
B	22/03/2023	REVISION SUBJECT TO ARCHITECTMENT	NON	
A	16/07/2023	REVISION SUBJECT TO ARCHITECTMENT	NON	

JOB NO. : J-856

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

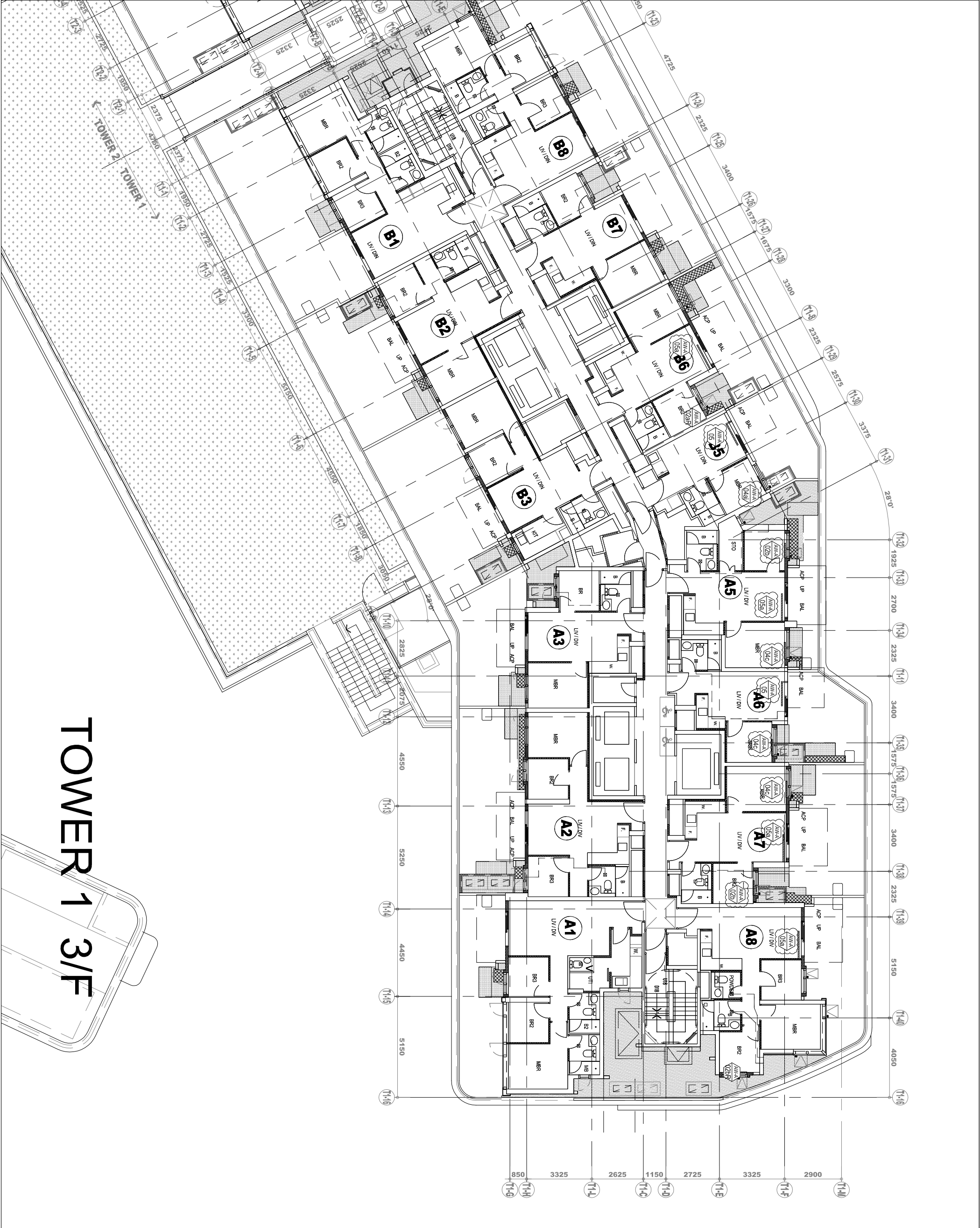
TITLE :
PLAN FOR ACOUSTIC WINDOW
AT TOWER 1 FOR 3F

DATE : 06-Jan-23 SCALE : 1:200

DRAWN BY : Iwon CHECKED BY :

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

DWG NO. : J856-SD-AS-3101 REV. : B



B.O. REF :

CLIENT :



42/F SUN HUNG KAI CENTRE, WINGCHAI, HONGKONG

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE :

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LEGEND :

⊗1 DETAIL MARK NO.
X001 REFER SHEET NO.

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

EQ.1--8mmHS+12mm AIR GAP+18mmTP THK. I.G.U.
EQ.2--10mm THK. CLEAR TEMPERED GLASS
EQ.4--10mm THK. TEMPERED ACID ETCHED GLASS

C	28/08/2023	REVISION SUBJECT TO ARCH/COMMITMENT	WON
B	22/03/2023	REVISION SUBJECT TO ARCH/COMMITMENT	WON
A	12/07/2023	REVISION SUBJECT TO ARCH/COMMITMENT	WON
NO.	DATE	REVISION	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 :
PLAN FOR ACOUSTIC WINDOW
AT TOWER 1 FOR 5F-45F

DATE : 06-Jan-23 SCALE : 1:200

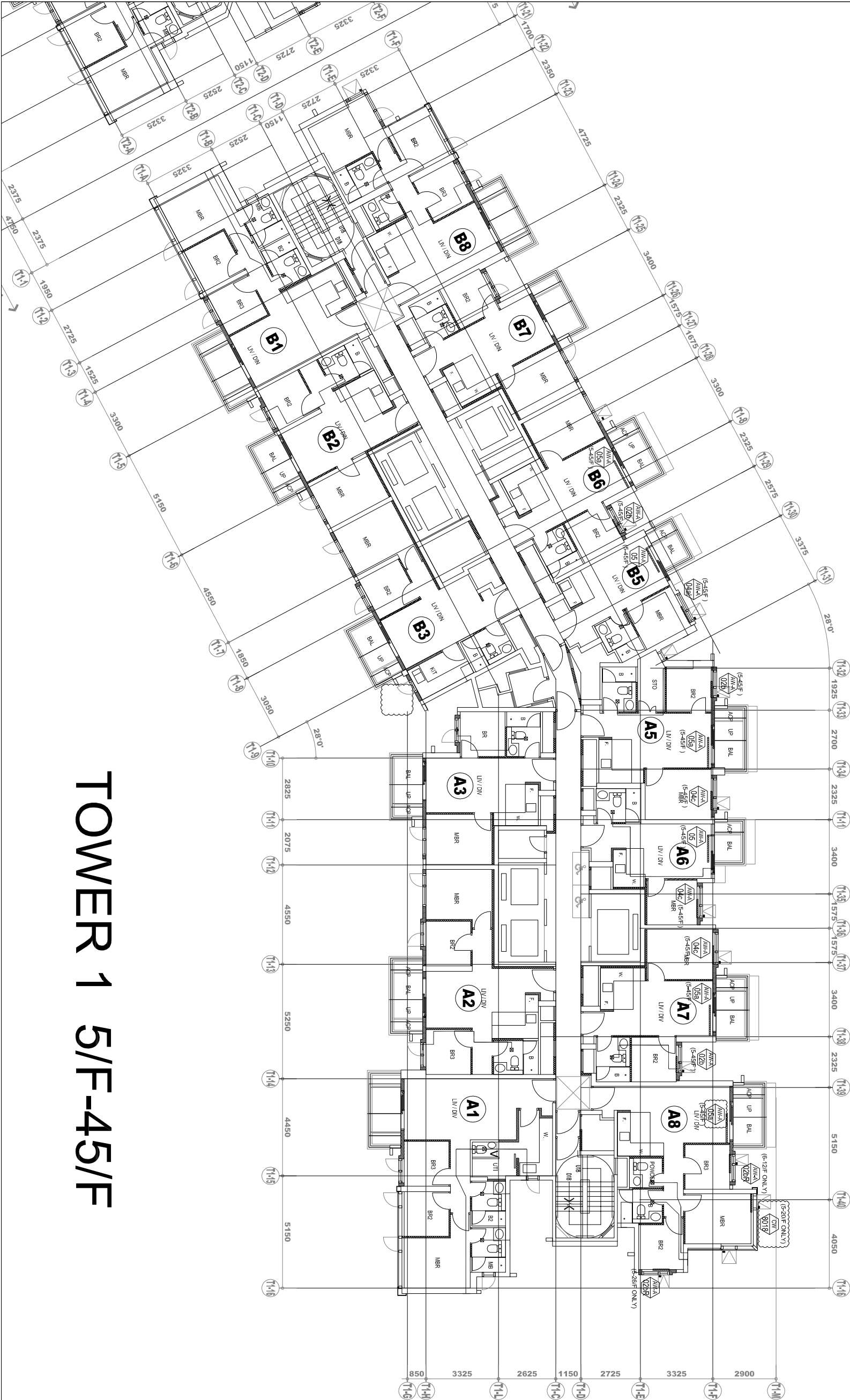
DRAWN BY : Iwon CHECKED BY :



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

DWG NO. : J856-SD-IW-3102 REV. : C

TOWER 1 5/F-45/F



B.O. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE :

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3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

LEGEND :

ⓧ1 --- DETAIL MARK NO.
X001 --- REFER SHEET NO.

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

EQ.1-1---8mmHS+12mm AIR GAP+18mmTP THK. I.G.U.
EQ.2---10mm THK. CLEAR TEMPERED GLASS
EQ.4---10mm THK. TEMPERED ACID ETCHED GLASS

NO.	DATE	REVISION	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 :
PLAN FOR ACOUSTIC WINDOW
AT TOWER 1

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

DRAWN BY : Iwon CHECKED BY :



Units 6-8, Sunray Industrial Centre, 1/F
610 Ono Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27277666

DWG NO. : J856-SD-IW-3103

REV. : -

TOWER 1 46/F



B.O. REF :

CLIENT :



42/F SUN HUNG KAI CENTRE, WINGCHAI, HONGKONG

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE :

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LEGEND :

⊗1 DETAIL MARK NO.
X001 REFER SHEET NO.

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

4. GLASS LEGEND

EG1-1--8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
EG1-2--10mm THK. CLEAR TEMPERED GLASS
EG1-4--10mm THK. TEMPERED ACID ETCHED GLASS

NO.	DATE	REVISION	BY
B	28/08/2023	REVISION SUBJECT TO ARCHITECTMENT	WON
A	22/03/2023	REVISION SUBJECT TO ARCHITECTMENT	WON

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 ACOUSTIC WINDOW
AT TOWER 3

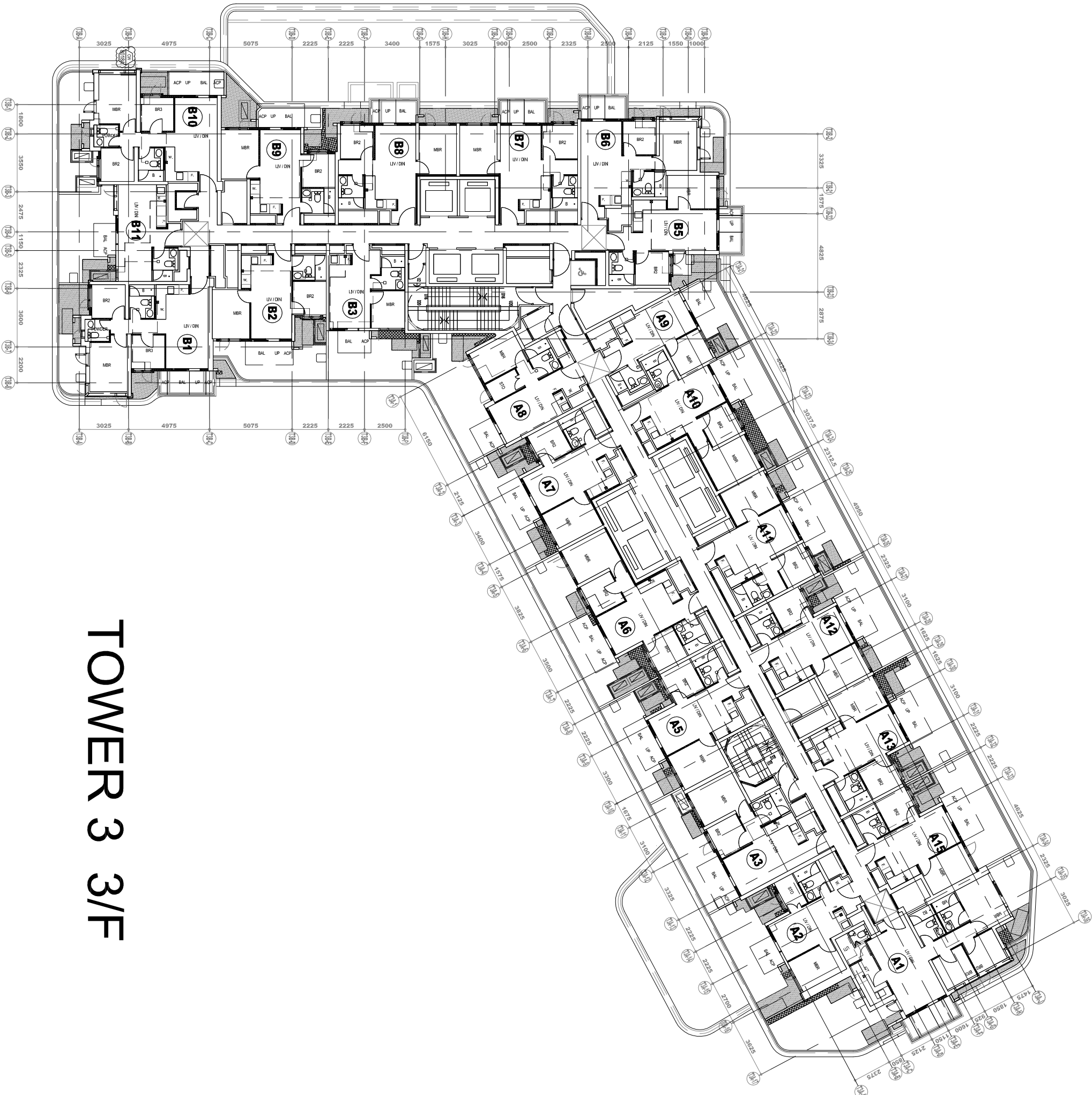
DATE : 02-Aug-21 SCALE : 1:200

DRAWN BY : Iwon CHECKED BY :



Units 6-8, Sunny Industrial Centre, 1/F
610 Ono Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-AS-3501 REV. : B



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

Architect

MAIN CONTRACTOR :

Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE:

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

LEGEND :

X1
DETAIL MARK NO.
REFER SHEET NO.

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

4. GLASS LEGEND

EGL-1--8mmHS+12mm AIR GAP+8mmTP THK. I.G.U.
EGL-2--10mm THK. CLEAR TEMPERED GLASS

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

A	28/08/2023	REVISION SUBJECT TO ARCH.COMMENT	W
NO.	DATE	REVISED	BY

JOB NO. : J-856

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

TITLE :

PLAN FOR ACOUSTIC WINDOW
AT TOWER 3 FOR 5F-45F

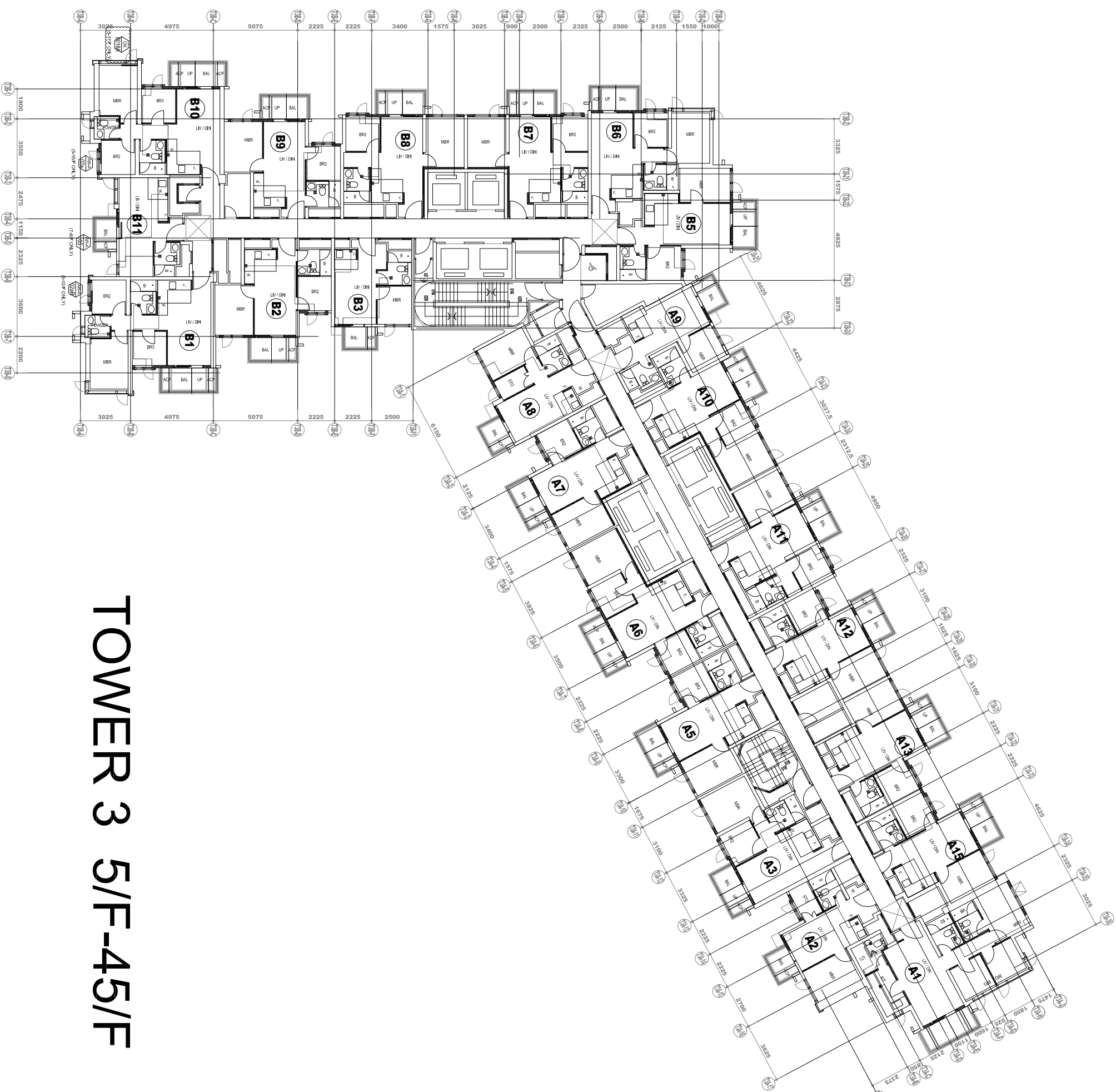
DATE : 06-Jan-23	SCALE : 1:200
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DRAWN BY : Ivan	CHECKED BY :
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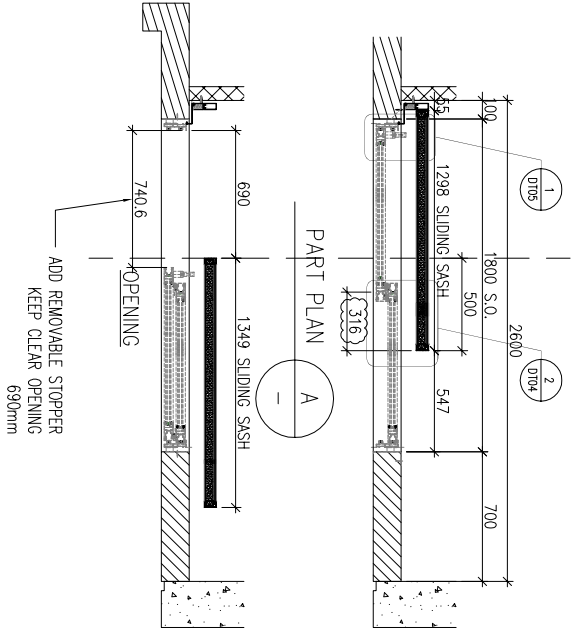
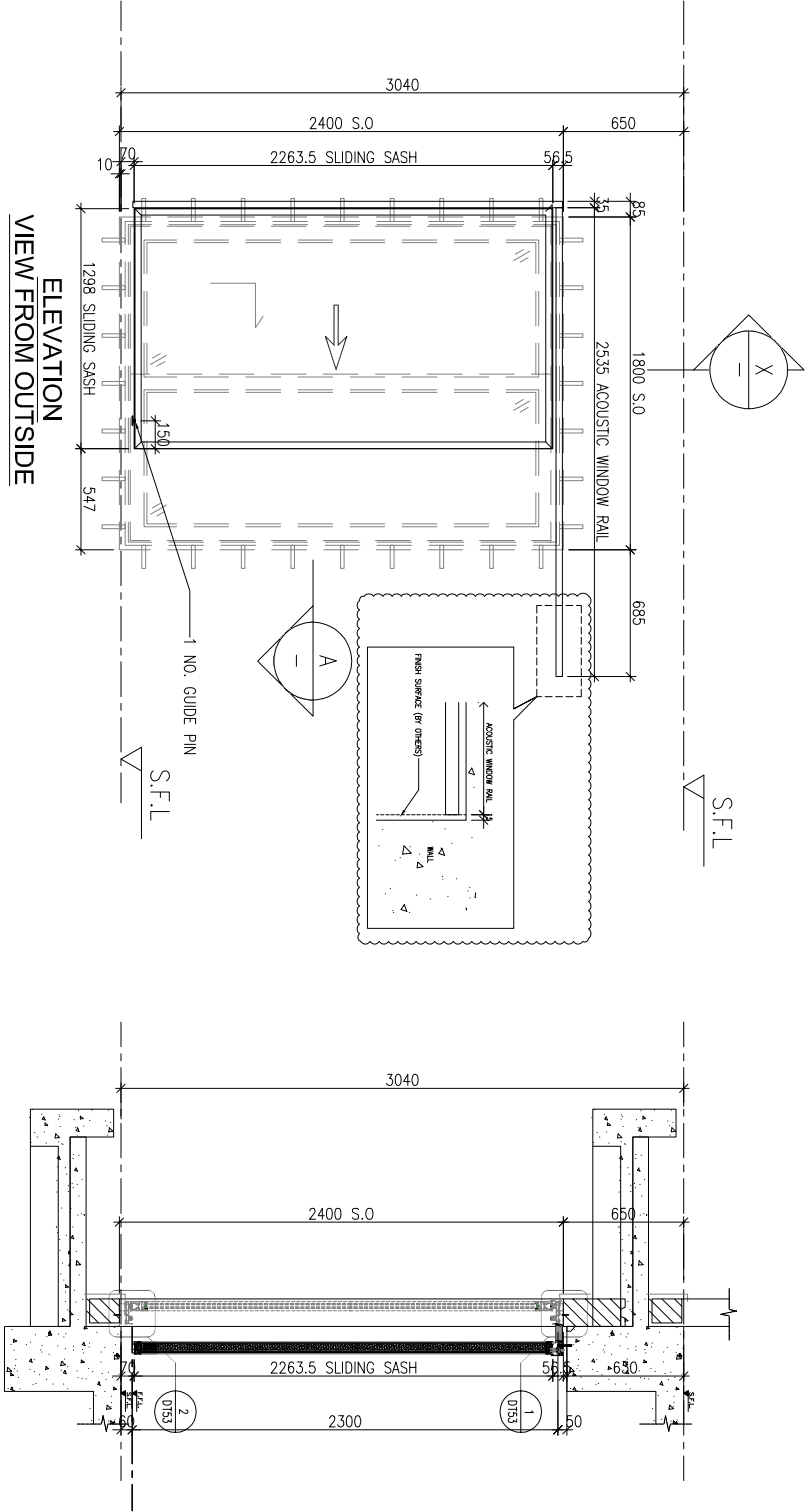


 **MIDI** ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel: 25489211-4 Fax: (852) 27727666

DWG NO. : J856-SD-IW-3302	REV. : A
---------------------------	----------



TOWER 3 5/F-45/F



AW-A-05a	
LOCATION	A8-LIV
FLOOR	3/F-45/F
MPA	YES
TOP & SIDE SAM	YES
QUANTITY	37
OVERLAPPING(REQUIRE)	500
OVERLAPPING(PROVIDED)	500

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE :

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

LEGEND :

1. F.F.L.--FINISHED FLOOR LEVEL
2. S.F.L.--STRUCTURAL FLOOR LEVEL

NO.	DATE	REVISION	BY
F	16/10/2023	REVISION SUBJECT TO ALPHA COMMENT	ivon
E	10/08/2023	REVISION SUBJECT TO ARCH COMMENT	ivon
D	13/06/2023	REVISION SUBJECT TO ARCH COMMENT	ivon
C	11/05/2023	REVISION SUBJECT TO ARCH COMMENT	ivon
B	21/03/2023	REVISION SUBJECT TO ARCH COMMENT	ivon
A	16/01/2023	REVISION SUBJECT TO ARCH COMMENT	ivon

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 ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40

DRAWN BY : ivon CHECKED BY :



Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27272666

DWG NO. : J856-SD-AS-5101 REV. : F

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE :

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- 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

LEGEND :

- 1. F.F.L.--FINISHED FLOOR LEVEL
- 2. S.F.L.--STRUCTURAL FLOOR LEVEL

F	16/10/2023	REVISION SUBJECT TO ALPHA COMMENT	lwn
E	10/08/2023	REVISION SUBJECT TO ALPHA COMMENT	lwn
D	15/06/2023	REVISION SUBJECT TO ARCH-COMMENT	lwn
C	11/05/2023	REVISION SUBJECT TO ARCH-COMMENT	lwn
B	21/03/2023	REVISION SUBJECT TO ARCH-COMMENT	lwn
A	16/01/2023	REVISION SUBJECT TO ARCH-COMMENT	lwn
NO.	DATE	REVISION	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 ACOUSTIC WINDOW

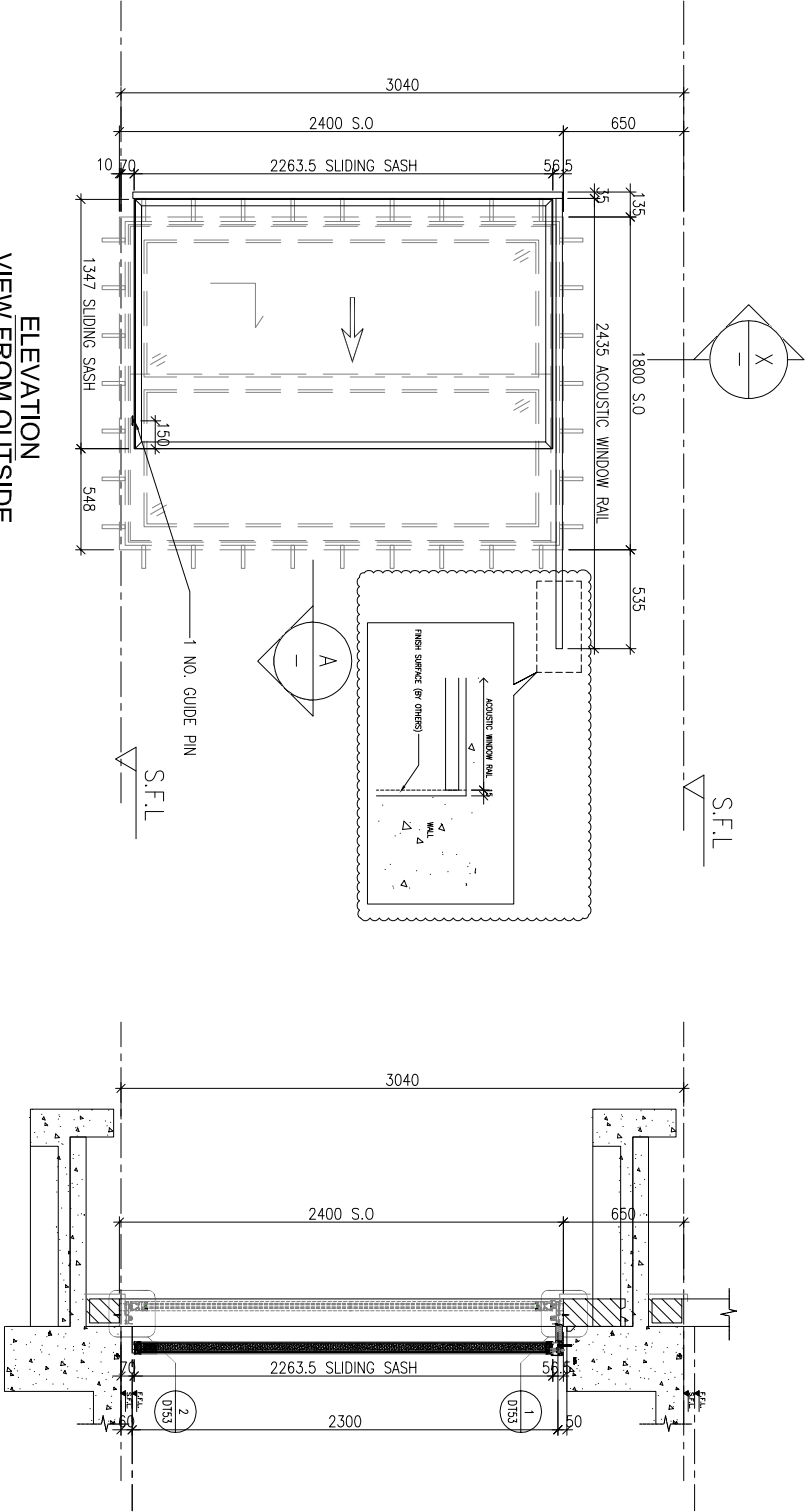
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DRAWN BY : lwnn CHECKED BY :



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

DWG NO. : J856-SD-AS-5102 REV. : F



ELEVATION
VIEW FROM OUTSIDE

PART SECTION

PART PLAN

ADD REMOVABLE STOPPER
KEEP CLEAR OPENING
690mm

AW-A-05a			
LOCATION	A5-LIV	A7-LIV	B6-LIV
FLOOR	3/F-46/F	3/F-45/F	3/F-46/F
MPA	YES	YES	YES
TOP & SIDE SAM	YES	YES	YES
QUANTITY	38	37	38
OVERLAPPING(REQUIRE)	500	500	500
OVERLAPPING(PROVIDED)	500	500	500

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE :

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LEGEND :

- 1. F.F.L.--FINISHED FLOOR LEVEL
- 2. S.F.L.--STRUCTURAL FLOOR LEVEL

NO.	DATE	REVISION	BY
D	16/10/2023	REVISION SUBJECT TO ALPHA COMMENT	ivan
C	10/08/2023	REVISION SUBJECT TO ARCH COMMENT	ivan
B	11/05/2023	REVISION SUBJECT TO ARCH COMMENT	ivan
A	21/03/2023	REVISION SUBJECT TO ARCH COMMENT	ivan

JOB NO. : J-856

PROJECT :

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

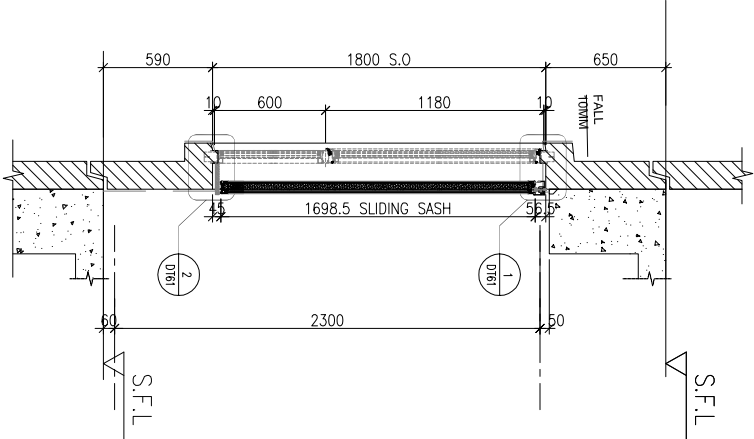
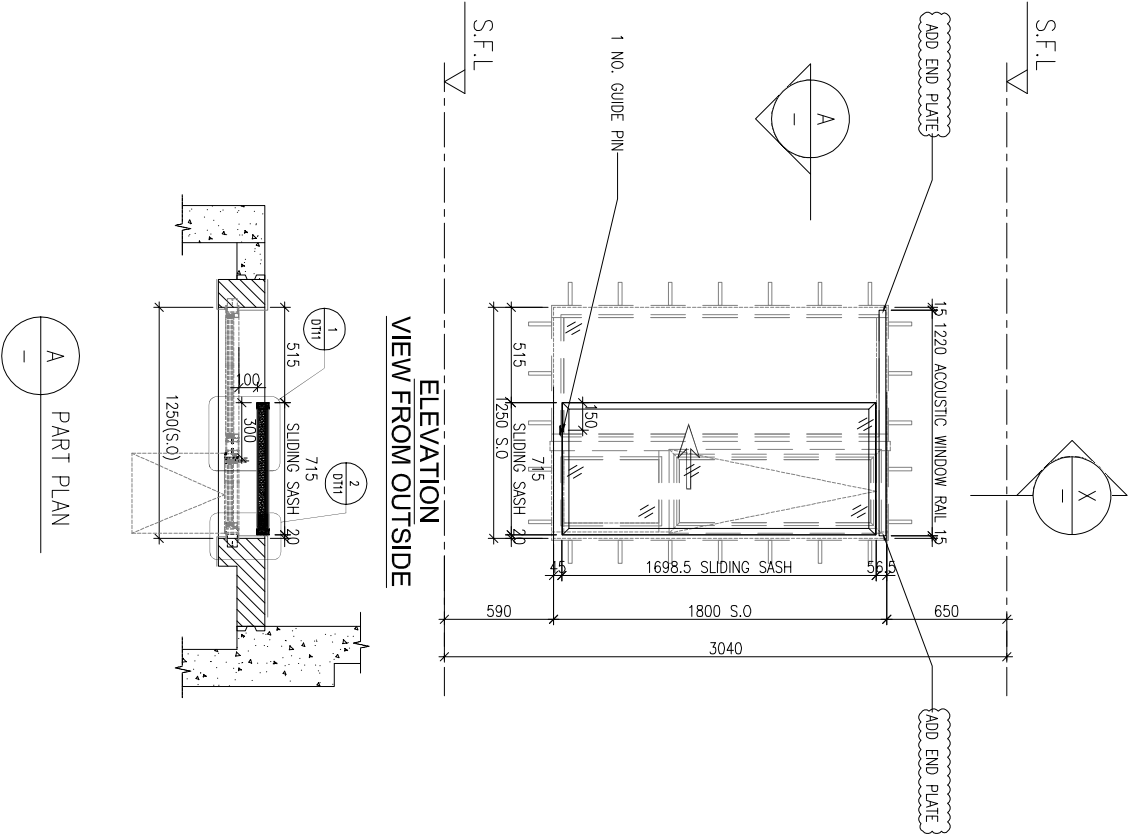
TITLE :

WINDOW SCHEDULE FOR
TOWER 1 ACOUSTIC WINDOW

DATE : 06-Jan-23	SCALE : 1:40
DRAWN BY : ivan	CHECKED BY :



DWG NO. : J856-SD-AS-5103 REV. : D



AW-A-02bR		
LOCATION	A8-BR3	A8-BR2
FLOOR	6/F-12/F	3/F-26/F
MPA	YES	YES
TOP & SIDE SAM	NO	NO
QUANTITY	7	20
OVERLAPPING(REQUIRE)	253	253
OVERLAPPING(PROVIDED)	300	300

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE :

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LEGEND :

- 1. F.F.L.--FINISHED FLOOR LEVEL
- 2. S.F.L.--STRUCTURAL FLOOR LEVEL

E	16/01/2023	REVISION SUBJECT TO ALPHA COMMENT	lwn
D	10/08/2023	REVISION SUBJECT TO ARCH.COMMENT	lwn
C	11/05/2023	REVISION SUBJECT TO ARCH.COMMENT	lwn
B	21/03/2023	REVISION SUBJECT TO ARCH.COMMENT	lwn
A	16/01/2023	REVISION SUBJECT TO ARCH.COMMENT	lwn
NO.	DATE	REVISION	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 :

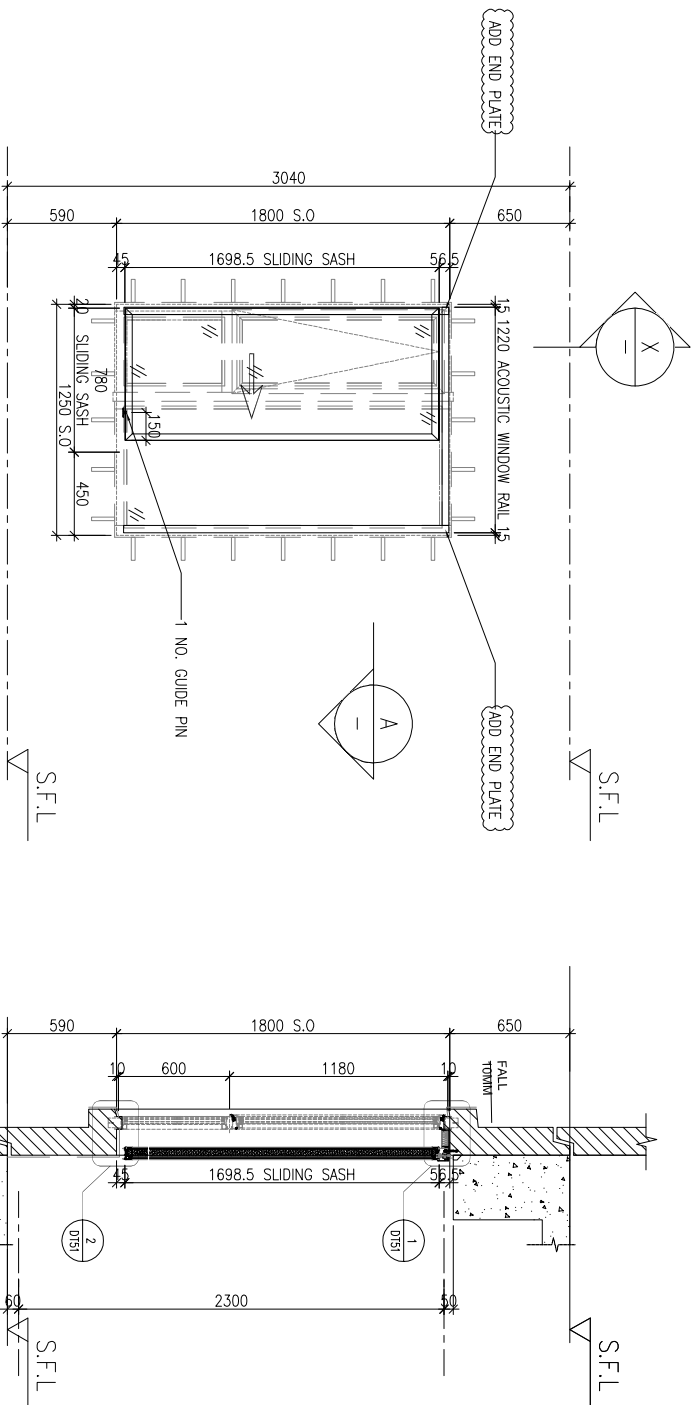
WINDOW SCHEDULE FOR
TOWER 1 ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40
DRAWN BY : lwn CHECKED BY :



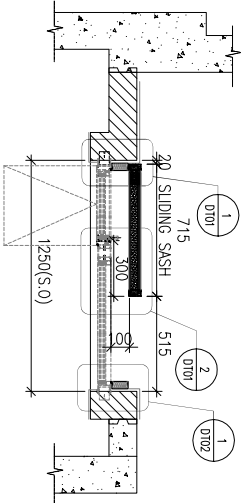
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-AS-5104 REV. : E



ELEVATION
VIEW FROM OUTSIDE

PART SECTION



PART PLAN

AW-A-02b

LOCATION	A5-BR2	A7-BR2	B6-BR2
FLOOR	3/F-46/F	3/F-45/F	3/F-46/F
MPA	YES	YES	YES
TOP & SIDE SAM	YES	YES	YES
QUANTITY	38	37	38
OVERLAPPING(REQUIRE)	300	300	300
OVERLAPPING(PROVIDED)	300	300	300

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE :

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

LEGEND :

- 1. F.F.L.--FINISHED FLOOR LEVEL
- 2. S.F.L.--STRUCTURAL FLOOR LEVEL

NO.	DATE	REVISION	BY
E	16/09/2023	REVISION SUBJECT TO ALPHA COMMENT	ivan
D	10/08/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan
C	11/05/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan
B	21/03/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan
A	12/01/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan

JOB NO. : J-856

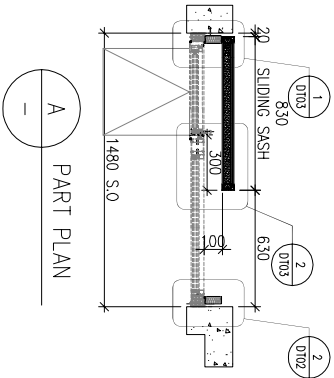
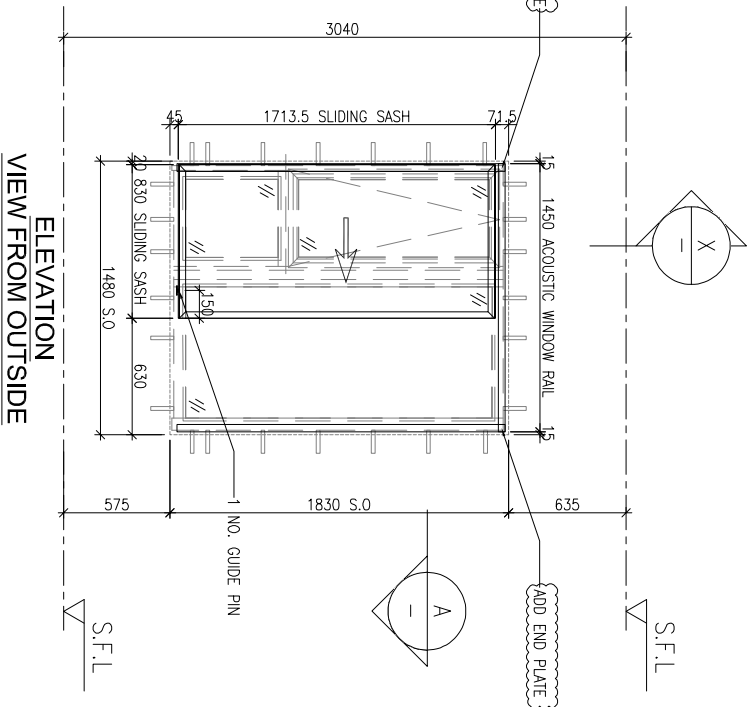
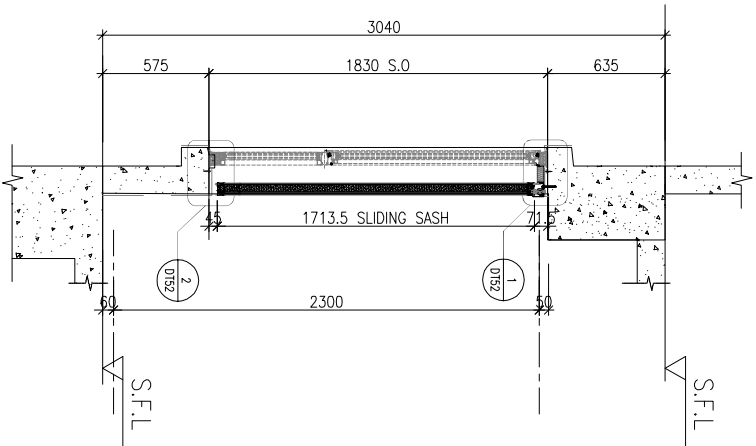
PROJECT :
PROPOSED DEVELOPMENT ABOVE
LIGHT RAIL TIN WING STOP,TSWTL
NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE : WINDOW SCHEDULE FOR
TOWER 1 ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40
DRAWN BY : ivan CHECKED BY :



DWG NO. : J856-SD-AS-5105 REV. : E



AW-A-04ai	
LOCATION	B5-MBR
FLOOR	3/F-46/F
MPA	YES
TOP & SIDE SAM	YES
QUANTITY	38
OVERLAPPING(REQUIRE)	300
OVERLAPPING(PROVIDED)	300

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE :

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LEGEND :

- 1. F.F.L.--FINISHED FLOOR LEVEL
- 2. S.F.L.--STRUCTURAL FLOOR LEVEL

E	16/09/2023	REVISION SUBJECT TO ALPHA COMMENT	ivan
D	10/08/2023	REVISION SUBJECT TO ARCH COMMENT	ivan
C	11/05/2023	REVISION SUBJECT TO ARCH COMMENT	ivan
B	21/03/2023	REVISION SUBJECT TO ARCH COMMENT	ivan
A	12/01/2023	REVISION SUBJECT TO ARCH COMMENT	ivan
NO.	DATE	REVISION	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 ACOUSTIC WINDOW

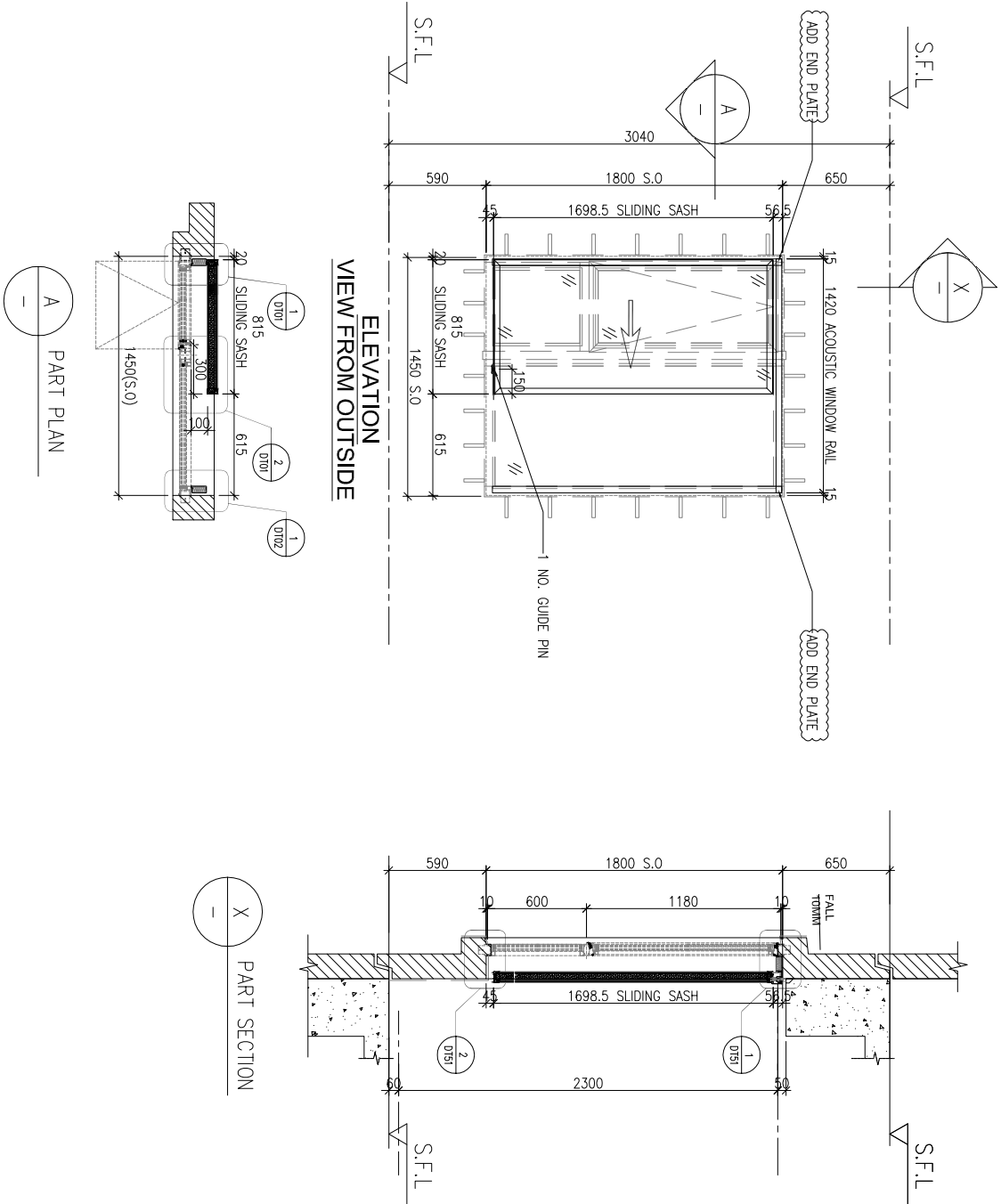
DATE : 06-Jan-23
SCALE : 1:40
DRAWN BY : ivan
CHECKED BY :

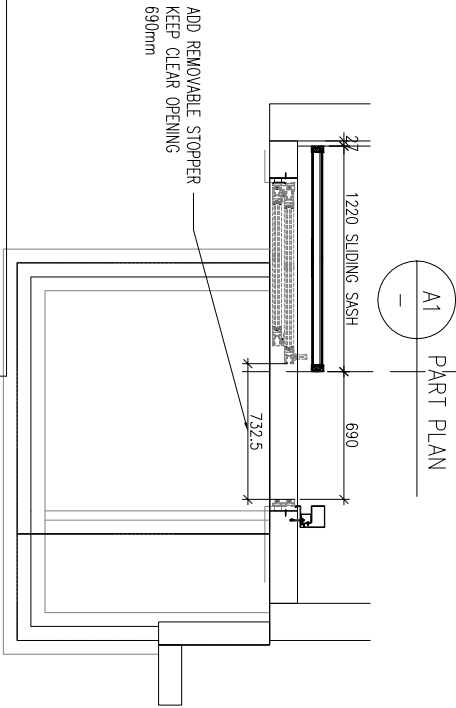
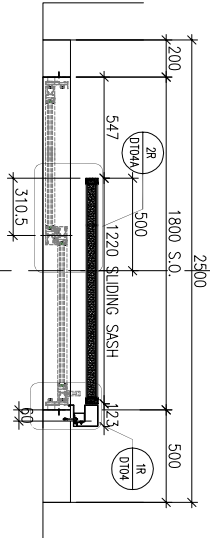
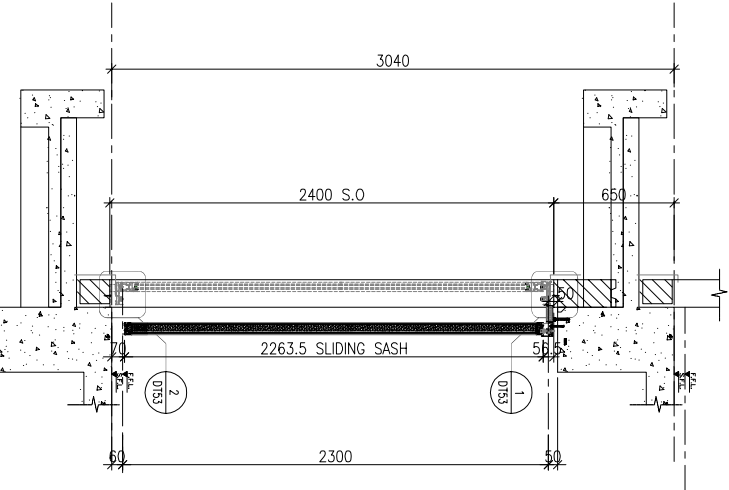
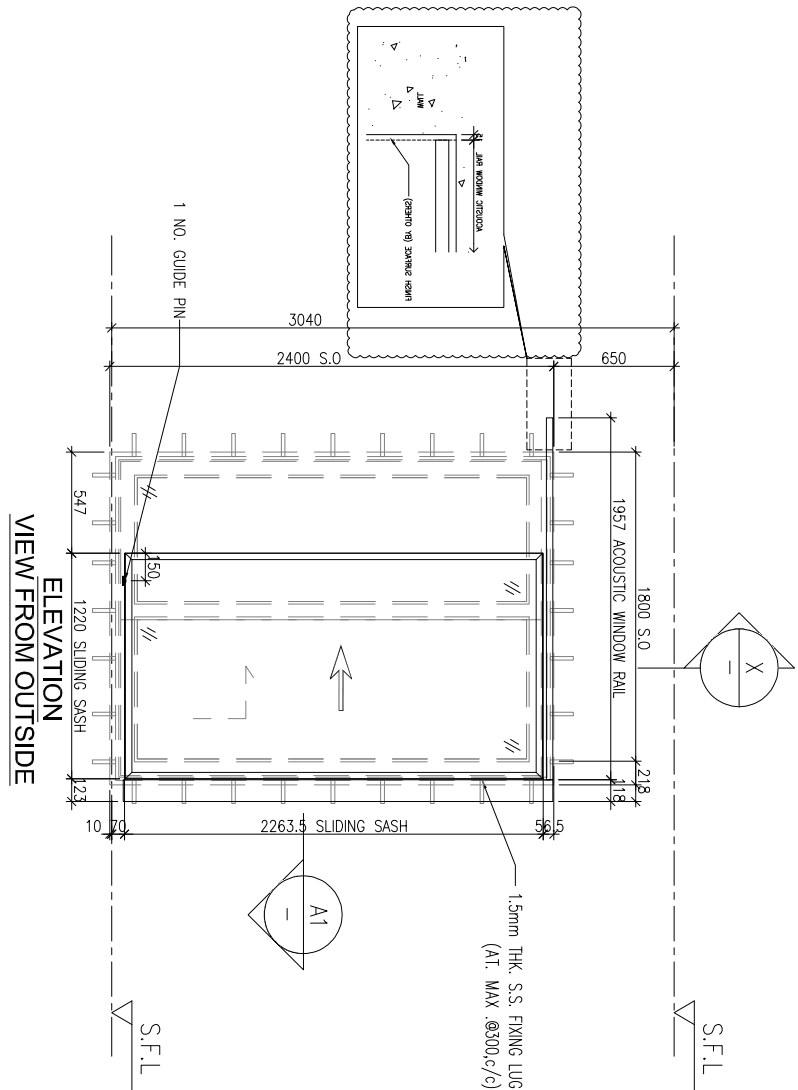


Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J856-SD-AS-5106
REV. : E

AW-A-04C			
LOCATION	A5-MBR	A6-MBR	A7-MBR
FLOOR	3/F-46/F	3/F-45/F	3/F-45/F
MPA	YES	YES	YES
TOP & SIDE SAM	YES	YES	YES
QUANTITY	38	37	37
OVERLAPPING(REQUIRE)	300	300	300
OVERLAPPING(PROVIDED)	300	300	300





AW-A-05	
LOCATION	A6-LIV
FLOOR	3/F-45/F
MPA	YES
TOP & SIDE SAM	YES
QUANTITY	37
OVERLAPPING(REQUIRE)	500
OVERLAPPING(PROVIDED)	500

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 :

FAÇADE CONSULTANT: **ARUP**
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 :
1. F.F.L.--FINISHED FLOOR LEVEL
2. S.F.L.--STRUCTURAL FLOOR LEVEL

NO.	DATE	REVISION	BY
F	16/10/2023	REVISION SUBJECT TO ALPHA COMMENT	lwn
E	10/08/2023	REVISION SUBJECT TO ARCH COMMENT	lwn
D	13/06/2023	REVISION SUBJECT TO ARCH COMMENT	lwn
C	11/05/2023	REVISION SUBJECT TO ARCH COMMENT	lwn
B	21/03/2023	REVISION SUBJECT TO ARCH COMMENT	lwn
A	12/01/2023	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 : WINDOW SCHEDULE FOR TOWER 1 ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40
DRAWN BY : lwnn CHECKED BY :

美特鋁質有限公司
MDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666
DWG NO. : J856-SD-AS-5107 REV. : F

BD. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



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 :

1. F.F.L.--FINISHED FLOOR LEVEL
2. S.F.L.--STRUCTURAL FLOOR LEVEL

NO.	DATE	REVISION	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 :
CURTAIN WALL SCHEDULE FOR
TOWER 1 ACOUSTIC WINDOW

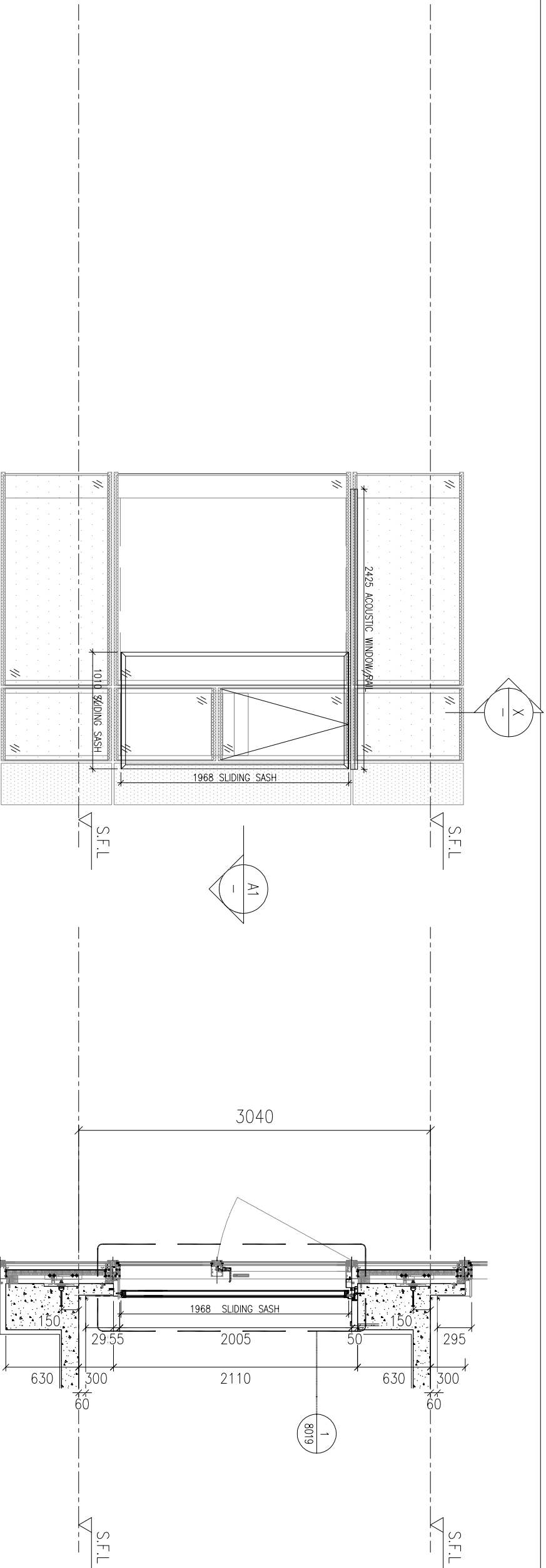
DATE : 06-Jan-23
SCALE : 1:40

DRAWN BY : ivon
CHECKED BY :



Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

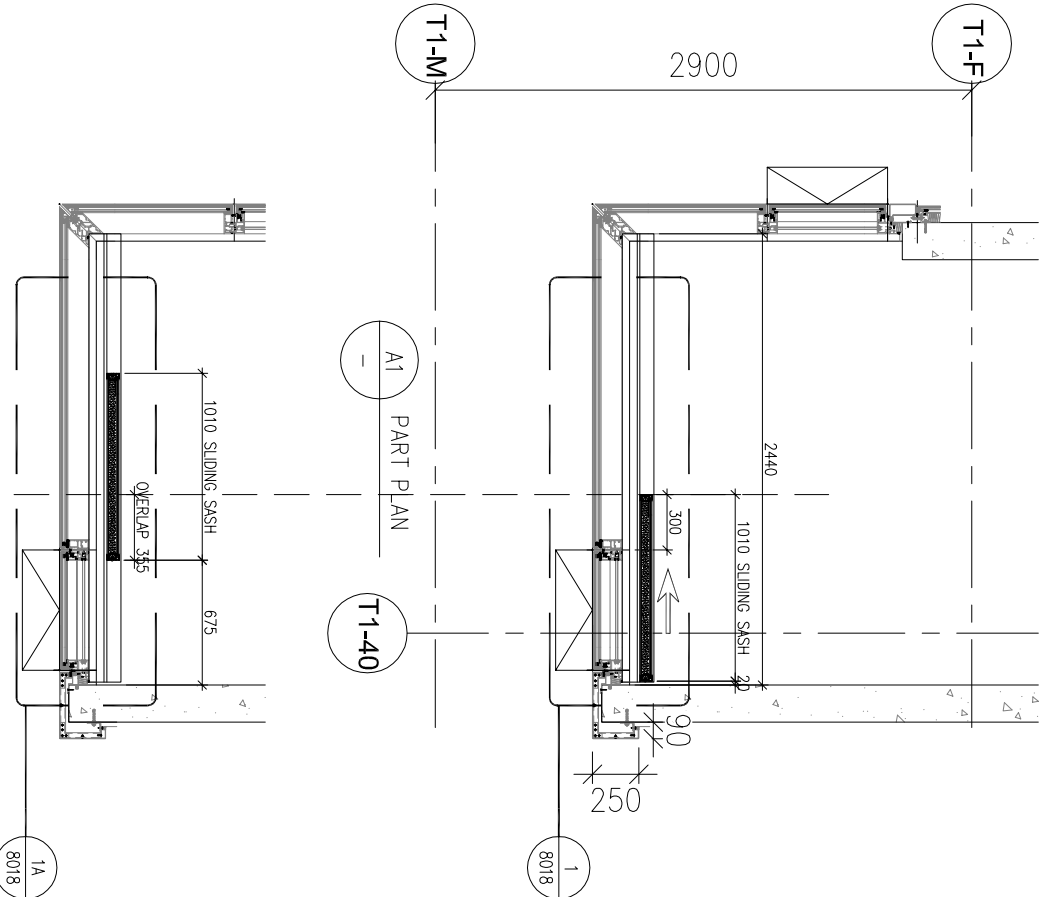
DWG NO. : J856-SD-AS-5108
REV. : -



ELEVATION
VIEW FROM OUTSIDE

PART SECTION

CW-AW1	
LOCATION	A8-MBR
FLOOR	5/F-20/F
MPA	YES
TOP & SIDE SAM	NO
QUANTITY	14
OVERLAPPING(REQUIRE)	253
OVERLAPPING(PROVIDED)	355



PART PLAN

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE :

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LEGEND :

- 1. F.F.L.--FINISHED FLOOR LEVEL
- 2. S.F.L.--STRUCTURAL FLOOR LEVEL

E	16/01/2023	REVISION SUBJECT TO ALPHA COMMENT	ivan
D	10/08/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan
C	11/05/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan
B	21/03/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan
A	16/01/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan
NO.	DATE	REVISION	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 ACOUSTIC WINDOW

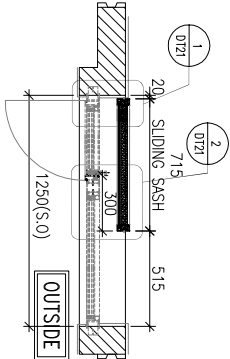
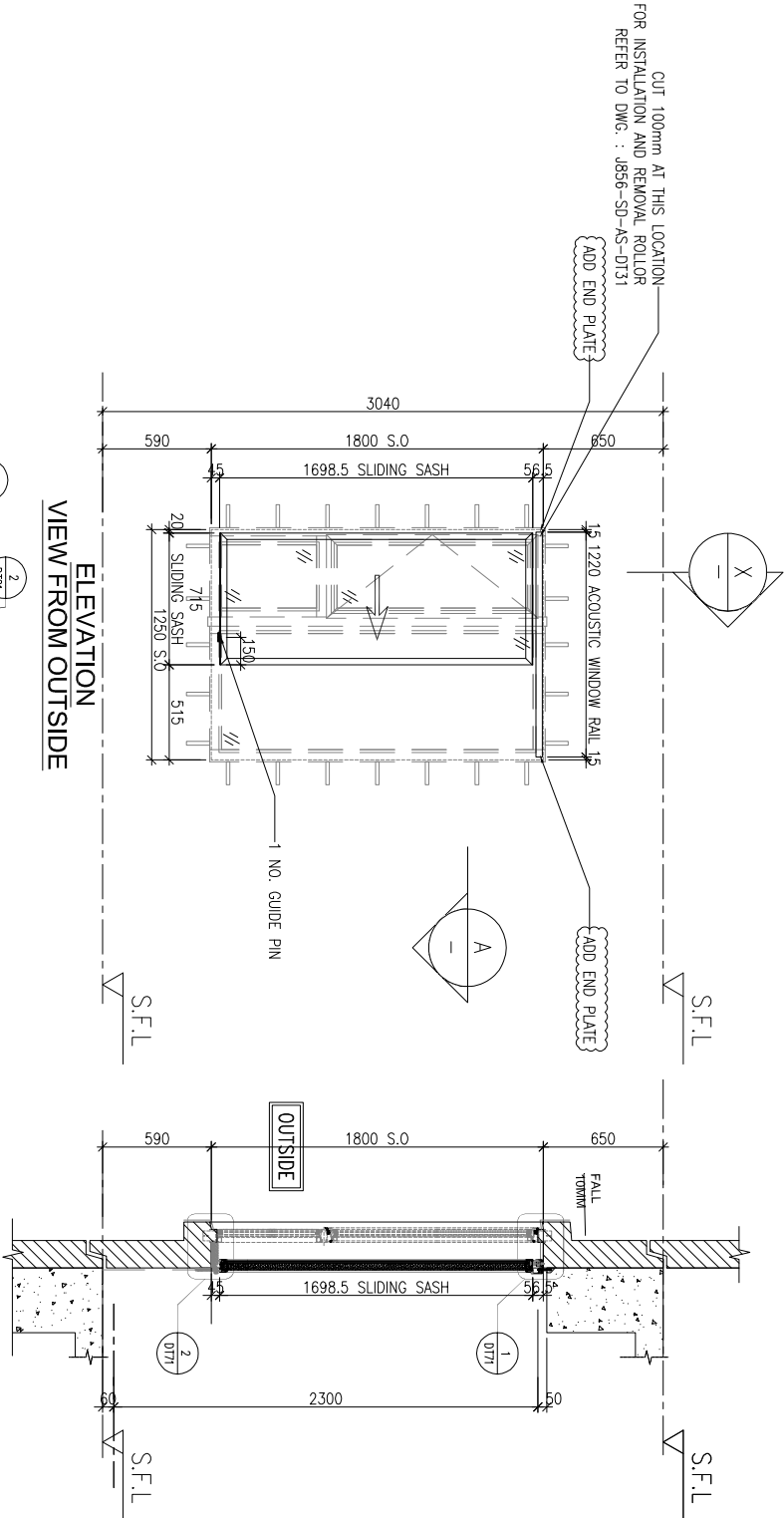
DATE : 06-Jan-23 SCALE : 1:40

DRAWN BY : ivan CHECKED BY :

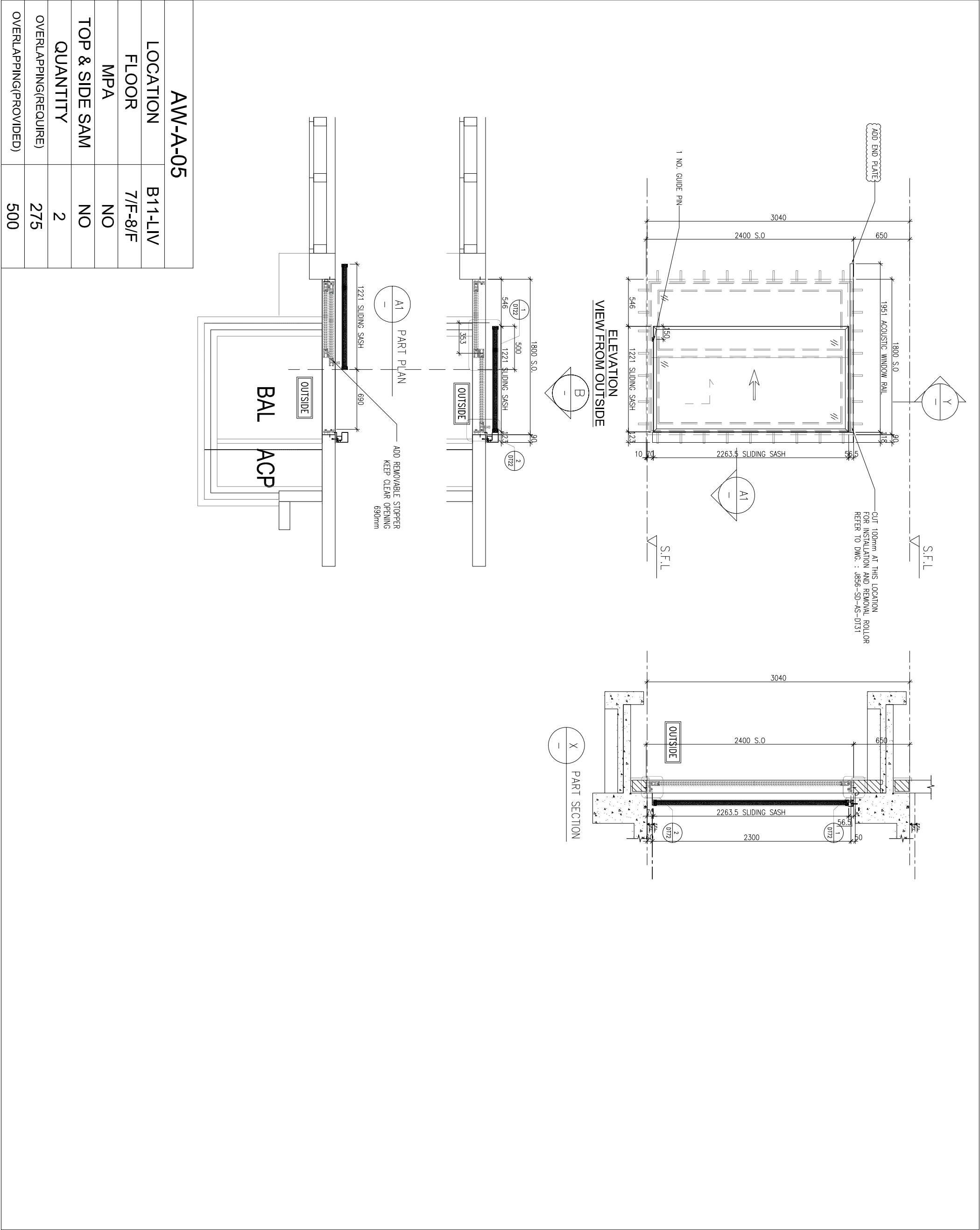


Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-AS-5301 REV. : E



AW-A-02a		AW-A-02aR	
LOCATION	B10-BR2	LOCATION	B1-BR2
FLOOR	5/F-15/F	FLOOR	5/F-12/F
MPA	NO	MPA	NO
TOP & SIDE SAM	NO	TOP & SIDE SAM	NO
QUANTITY	9	QUANTITY	8
OVERLAPPING(REQUIRE)	253	OVERLAPPING(REQUIRE)	253
OVERLAPPING(PROVIDED)	300	OVERLAPPING(PROVIDED)	300



B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE :

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LEGEND :

1. F.F.L.--FINISHED FLOOR LEVEL
2. S.F.L.--STRUCTURAL FLOOR LEVEL

NO.	DATE	REVISION	BY
F	16/10/2023	REVISION SUBJECT TO ALPHA COMMENT	ivan
E	10/08/2023	REVISION SUBJECT TO ARCH COMMENT	ivan
D	13/06/2023	REVISION SUBJECT TO ARCH COMMENT	ivan
C	11/05/2023	REVISION SUBJECT TO ARCH COMMENT	ivan
B	21/03/2023	REVISION SUBJECT TO ARCH COMMENT	ivan
A	12/01/2023	REVISION SUBJECT TO ARCH COMMENT	ivan

JOB NO. : J-856

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

TITLE : WINDOW SCHEDULE FOR TOWER 3 ACOUSTIC WINDOW

DATE : 06-Jan-23

SCALE : 1:40

DRAWN BY : ivan

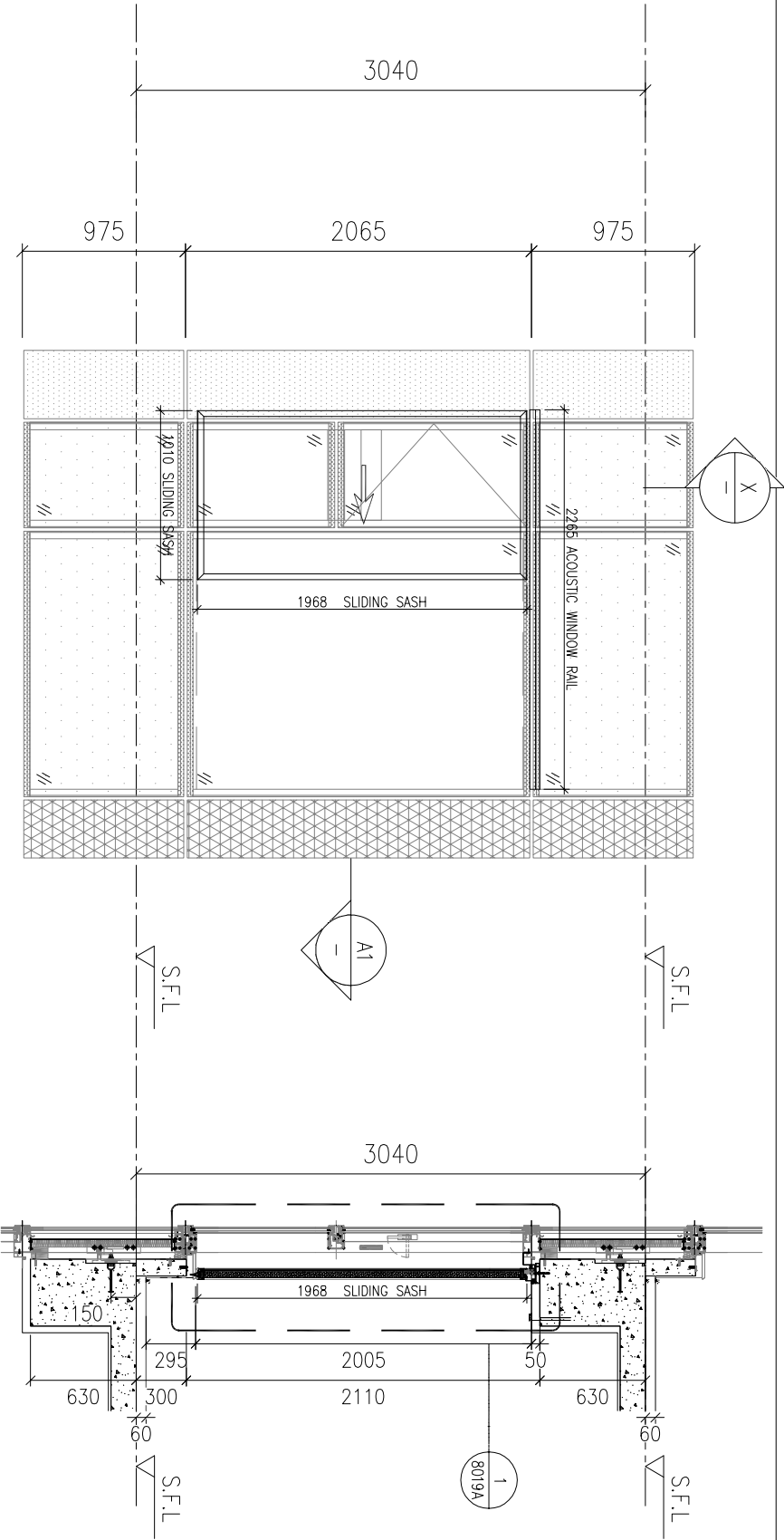
CHECKED BY :



Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

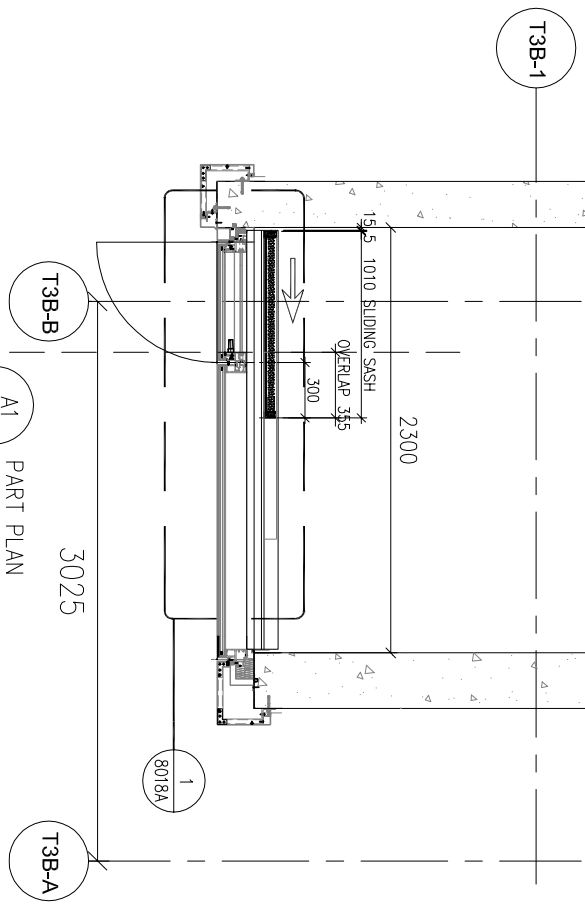
DWG NO. : J856-SD-AS-5302

REV. : F



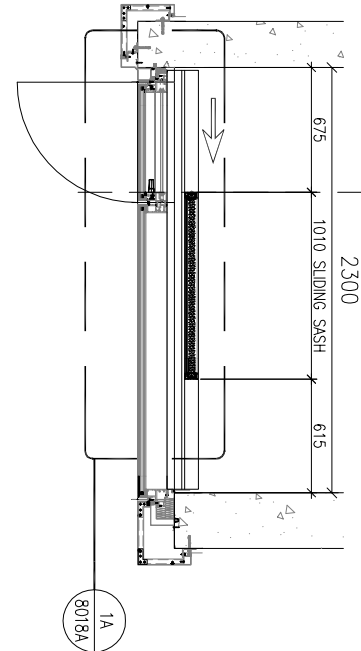
ELEVATION
VIEW FROM OUTSIDE

PART SECTION



PART PLAN

CW-AW2	
LOCATION	B10-MBR
FLOOR	3/F-17/F
MPA	NO
TOP & SIDE SAM	NO
QUANTITY	12
OVERLAPPING(REQUIRE)	253
OVERLAPPING(PROVIDED)	355



PART PLAN

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



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 :

1. F.F.L.--FINISHED FLOOR LEVEL
2. S.F.L.--STRUCTURAL FLOOR LEVEL

NO.	DATE	REVISION	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 ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40

DRAWN BY : ivon CHECKED BY :



Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-AS-5303 REV : -

[illegible]

SUN HUNG KAI
REAL ESTATE AGENCY LTD.

42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

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

Architects

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

H Yee Fai Building Contractors Ltd.

ARUP

FAÇADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

Steel Structure & Facade Specialist

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

1. SOUND ABSORBING MATERIAL
(PEF12_Noisestop Infill)

2. 3mm THK MIRCO PERFORATED ABSORBER

(PMMA-type MPP535-3mm)

3. 1mm 1HK PERORALEL
(Pomute Alum. sheet)

C	29/11/2023	GENERAL REVISION		NOT
B	6/9/2023	GENERAL REVISION		NOT
A	20/3/2023	REVISION SUBJECT TO ARGUMENT		NOT
WM.	DATE	REASON	REMOVED	BY

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

TYPICAL DETAILS FOR
ACOUSTIC WINDOW

DATE : 06-Jan-23

DRAWN BY : Ivan

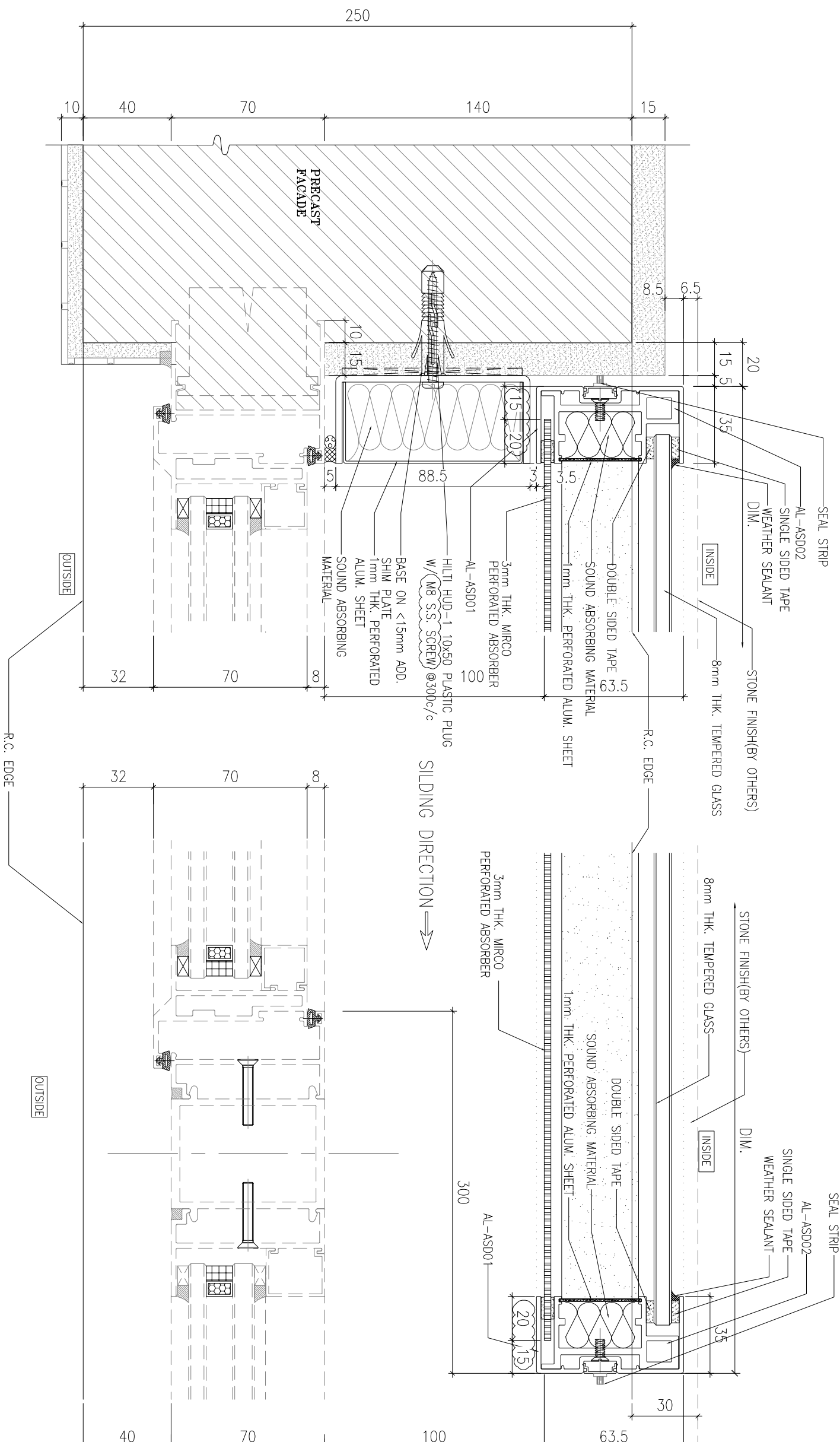
DRAWN BY : Ivan

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

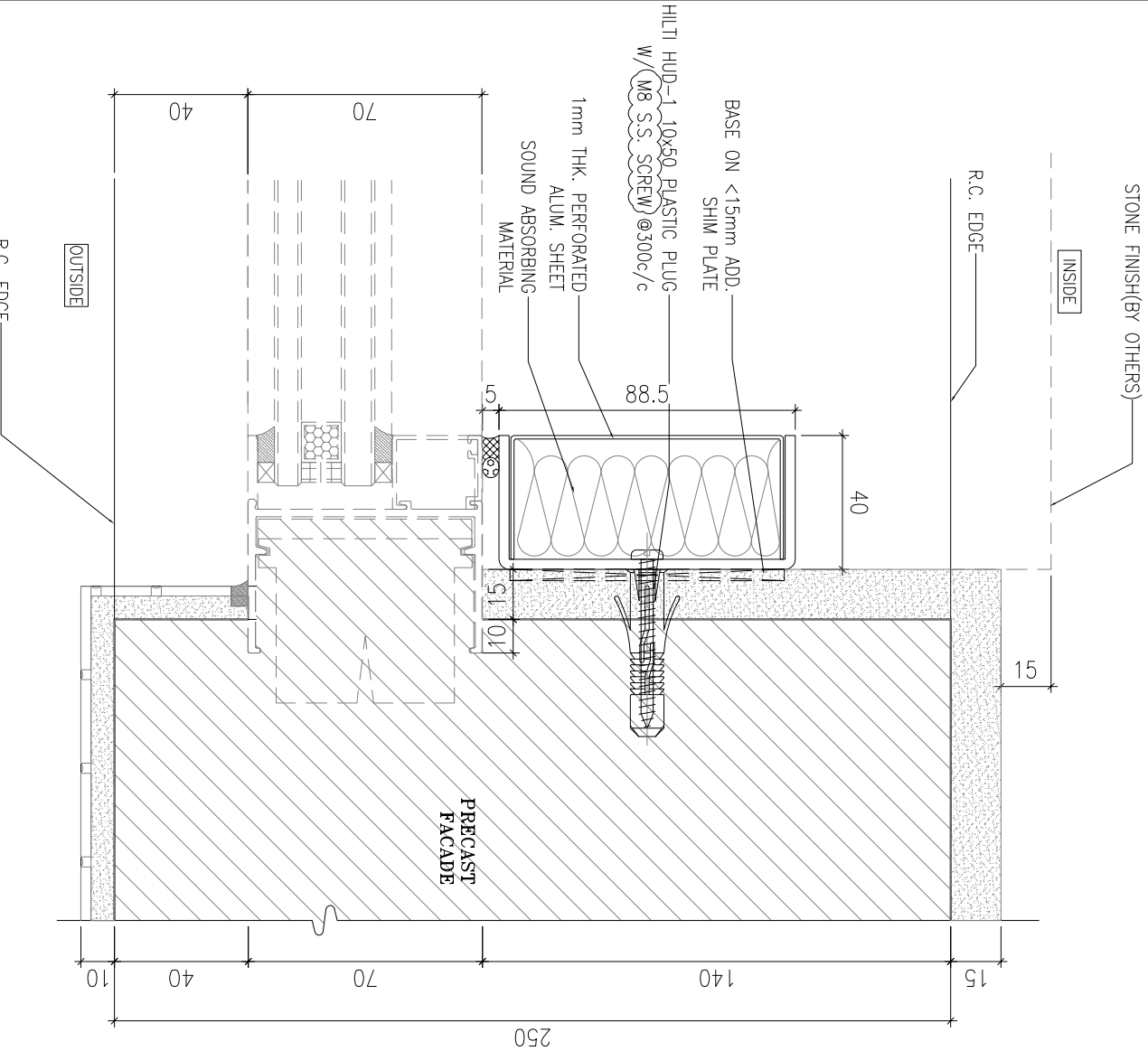
Units 6-8, Sunray Industrial Centre,

Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-AS-DT01	REV. : C
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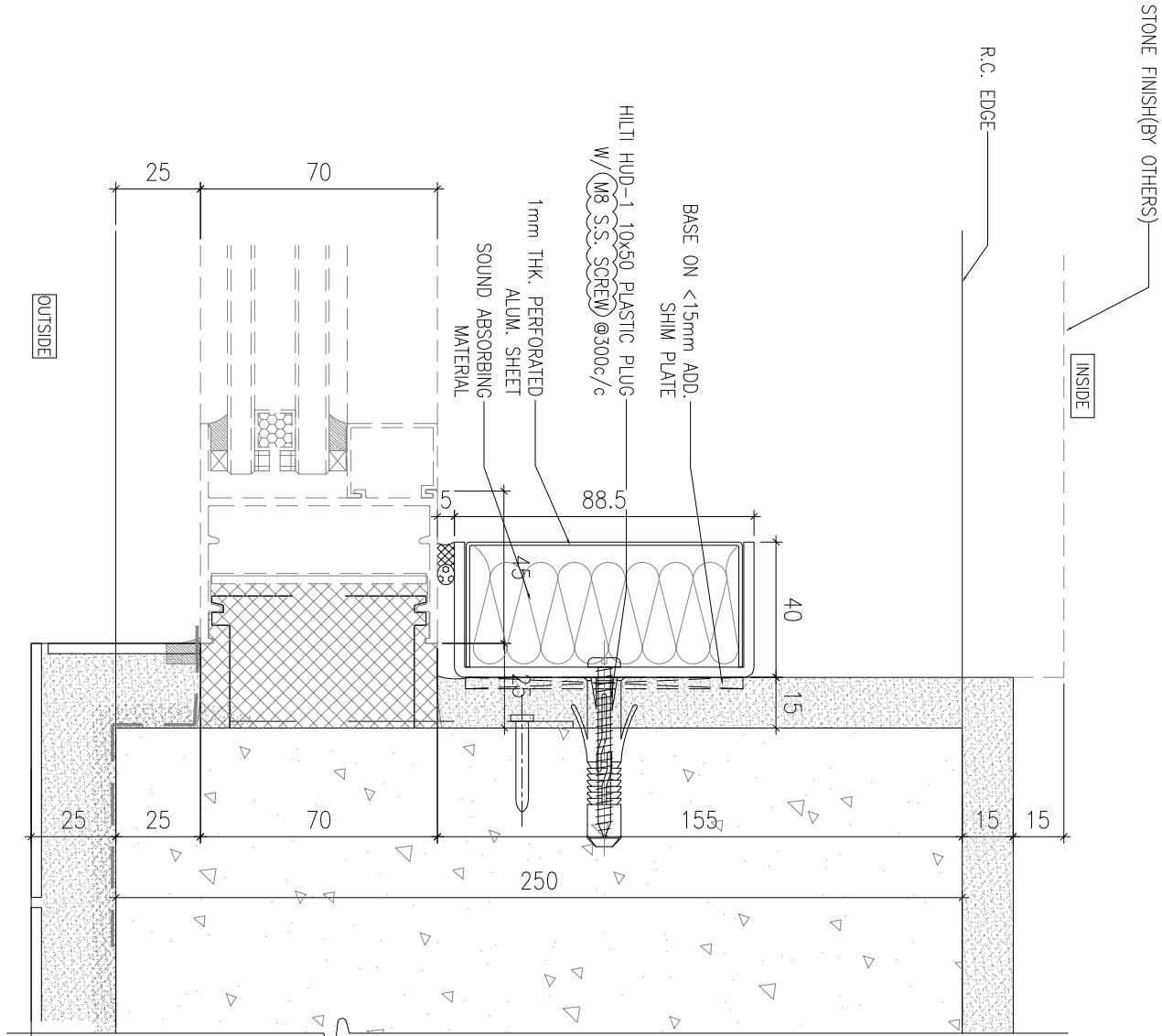


TOP & SIDE SAM WITH MPA CASE



1 HORIZONTAL DETAIL

SCALE 1:2



2 HORIZONTAL DETAIL

SCALE 1:2

TOP & SIDE SAM WITH MPA CASE

B.D. REF :

CLIENT :

SUN HUNG KAI
REAL ESTATE AGENCY LTD.

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :

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

LEGEND :

1. SOUND ABSORBING MATERIAL (PEF12, Noisestop Infil)
2. 3mm THK MICRO PERFORATED ABSORBER (PMMA-type MPP35-3mm)
3. 1mm THK PERFORATED ALUM. SHEET (Pomute Alum. sheet)

NO.	DATE	REVISION	BY
D	11/10/2023	GENERAL REVISION	ivon
C	6/9/2023	GENERAL REVISION	ivon
B	15/6/2023	REVISION SUBJECT TO ARCH.COMMENT	ivon
A	20/3/2023	REVISION SUBJECT TO ARCH.COMMENT	ivon

JOB NO. : J-856

PROJECT :

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

TITLE :

TYPICAL DETAILS FOR
ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40

DRAWN BY : ivon CHECKED BY :

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

Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-AS-DT02 REV. : D

B.D. REF :

CLIENT :



SUN HUNG KAI

REAL ESTATE AGENCY LTD.

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

ARCHITECT :



lwk&partners

a r c h i t e c t s

MAIN CONTRACTOR :



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 :

1. SOUND ABSORBING MATERIAL (PEF12, Noisestop Infil)
2. 3mm THK MICRO PERFORATED ABSORBER (PMMA-type MPPS35-3mm)
3. 1mm THK PERFORATED ALUM. SHEET (Pomute Alum. sheet)

C	29/11/2023	GENERAL REVISION	ivan
B	6/9/2023	GENERAL REVISION	ivan
A	20/3/2023	REVISION SUBJECT TO ARCH.COMMENT	ivan
NO.	DATE	REVISION	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 :

TYPICAL DETAILS FOR
ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40

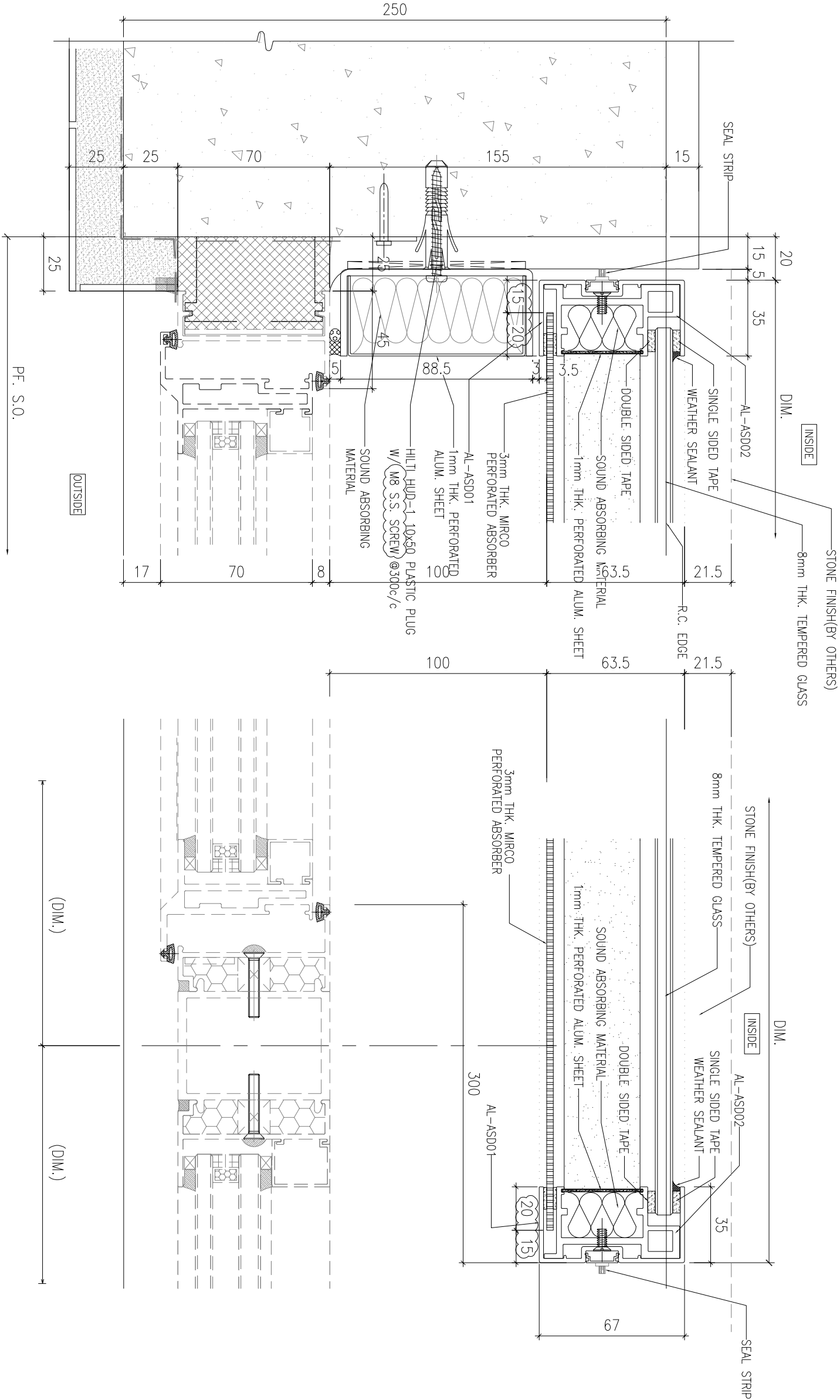
DRAWN BY : ivan CHECKED BY :



MDI ALUMINIUM FABRICATOR LTD.

Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

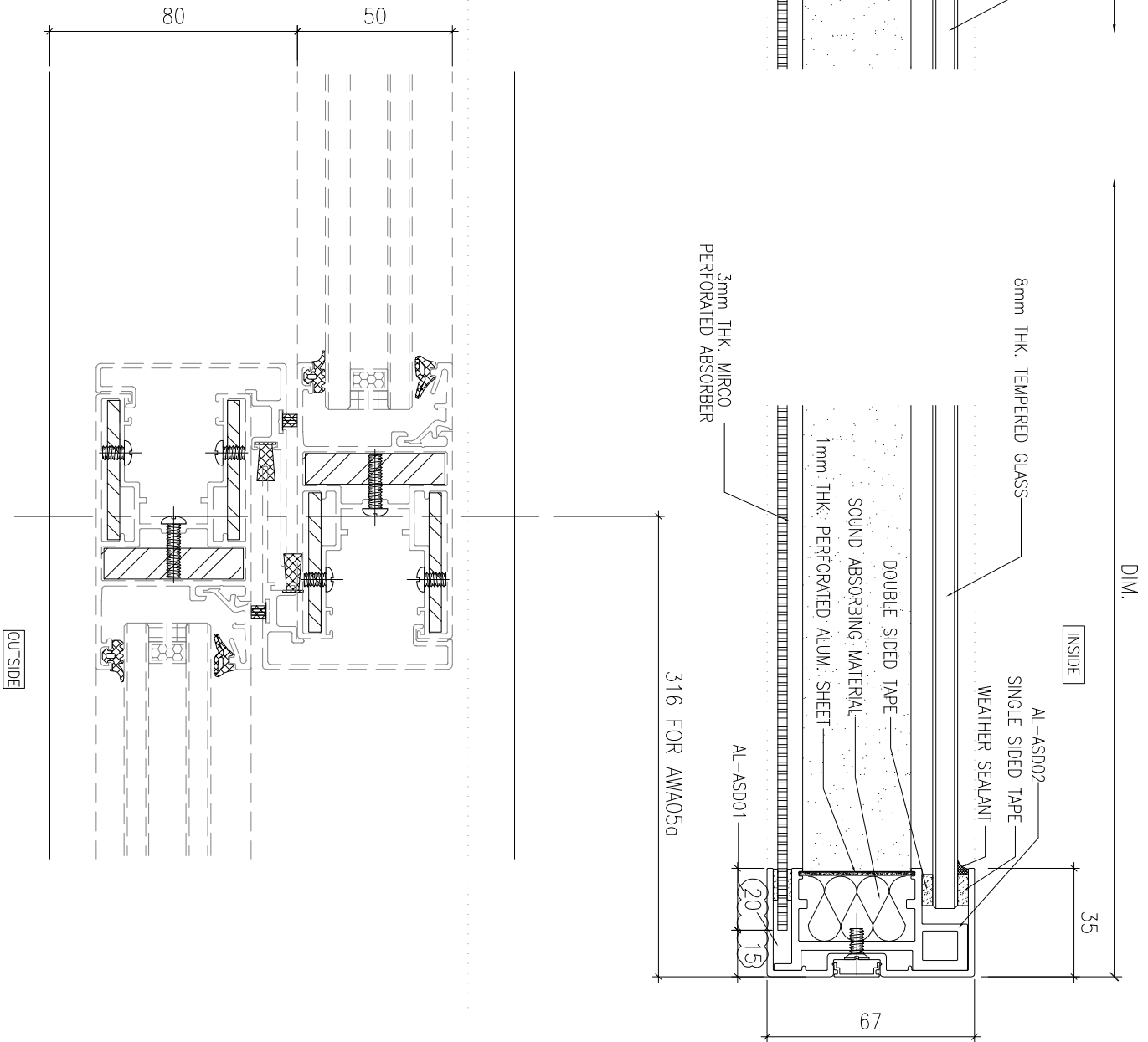
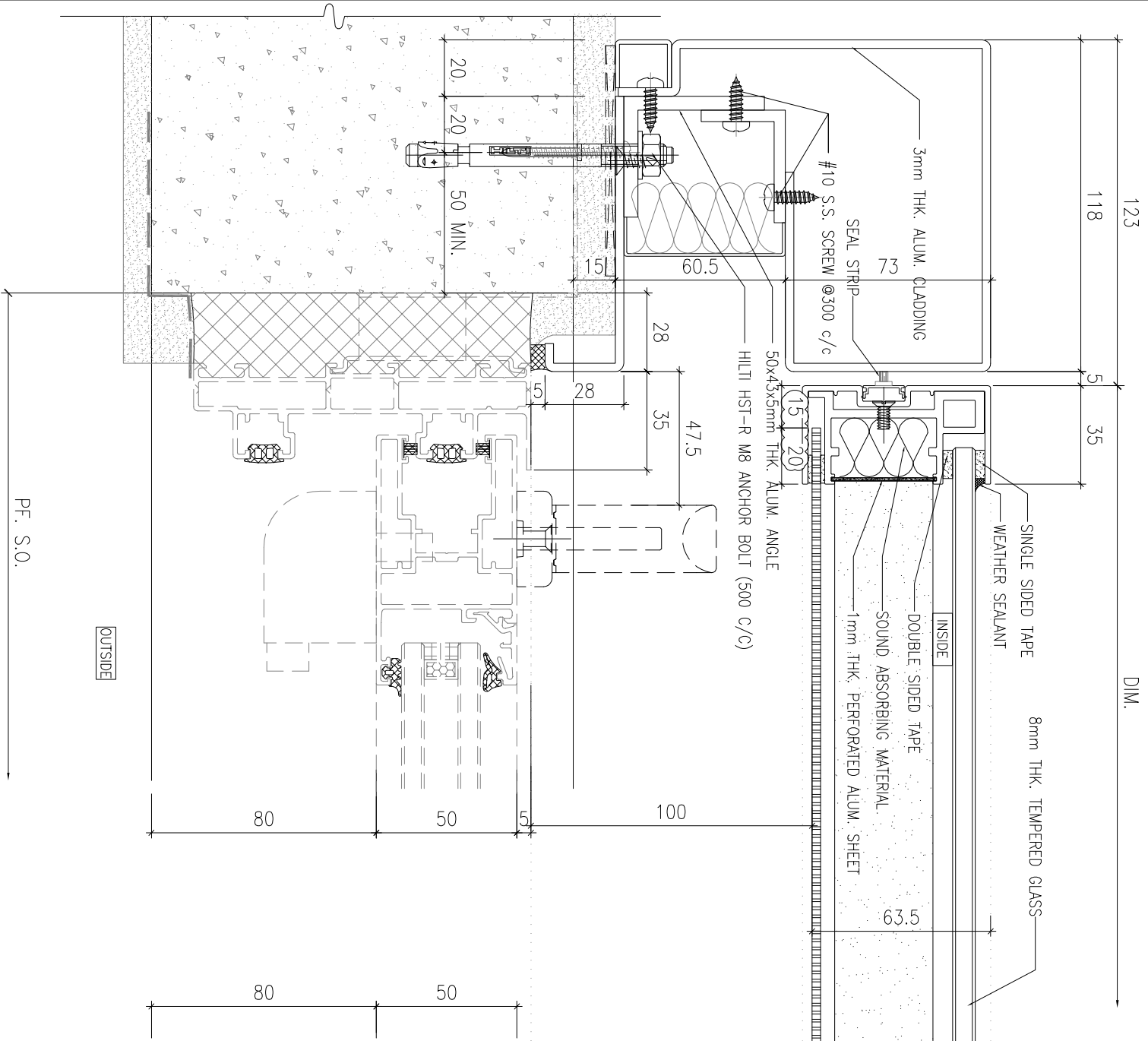
DWG NO. : JB56-SD-AS-DT03 REV. : C



1 HORIZONTAL DETAIL
SCALE 1:2

2 HORIZONTAL DETAIL
SCALE 1:2

TOP & SIDE SAM WITH MPA CASE



1 HORIZONTAL DETAIL
SCALE 1:2

2 HORIZONTAL DETAIL
SCALE 1:2

TOP & SIDE SAM WITH MPA CASE

B.D. REF :

CLIENT :



42/F, SUN HUNG KAI CENTRE, MANDALAY, 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 :

1. SOUND ABSORBING MATERIAL (PEF12, Noisestop Infil)
2. 3mm THK MICRO PERFORATED ABSORBER (PMMA-type MPFS35-3mm)
3. 1mm THK PERFORATED ALUM. SHEET (Pomute Alum. sheet)

E	29/11/2023	GENERAL REVISION	ipwn
D	15/06/2023	REVISION SUBJECT TO ARCH-COMMENT	ipwn
C	11/05/2023	REVISION SUBJECT TO ARCH-COMMENT	ipwn
B	20/03/2023	REVISION SUBJECT TO ARCH-COMMENT	ipwn
A	12/01/2023	REVISION SUBJECT TO ARCH-COMMENT	ipwn
NO.	DATE	REVISION	BY

JOB NO. : J-856

PROJECT :

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

TITLE :

TYPICAL DETAILS FOR
ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40

DRAWN BY : ipwn CHECKED BY :



Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-AS-DT04 REV. : E

B.D. 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 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 :

1. SOUND ABSORBING MATERIAL (PEF12 Noisestop Infil)
2. 3mm THK MICRO PERFORATED ABSORBER (PMMA-type MPP35-3mm)
3. 1mm THK PERFORATED ALUM. SHEET (Pomute Alum. sheet)

A	23/11/2023	GENERAL REVISION	Issn
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 :
TYPICAL DETAILS FOR
ACOUSTIC WINDOW

DATE : 06-Jan-23	SCALE : 1:40
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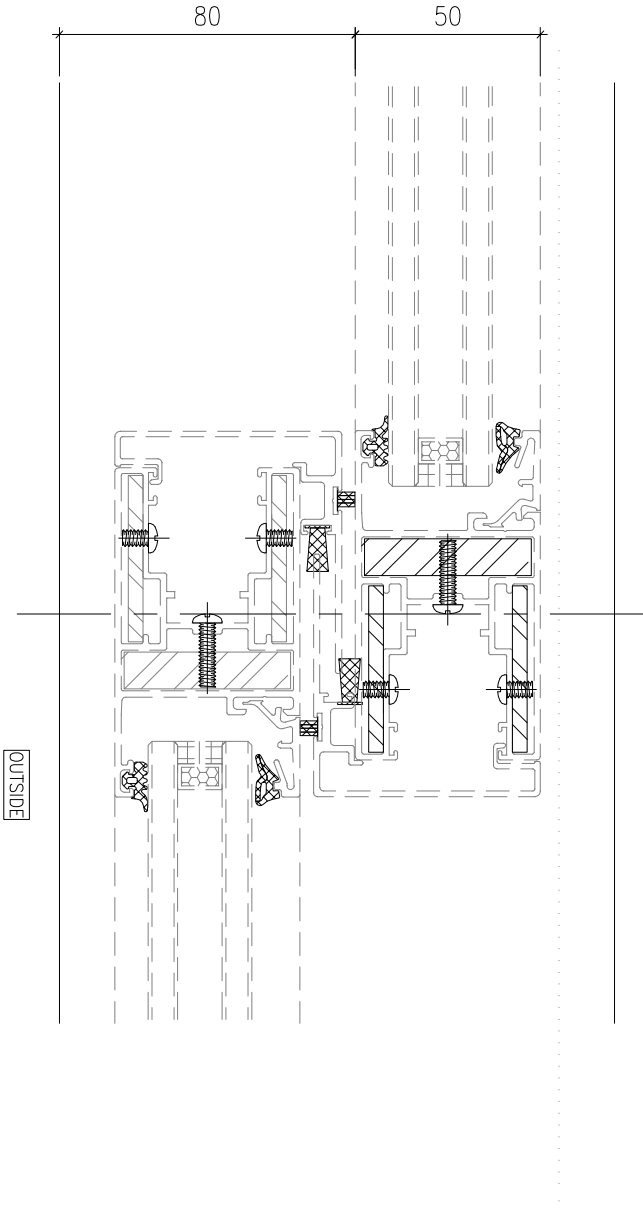
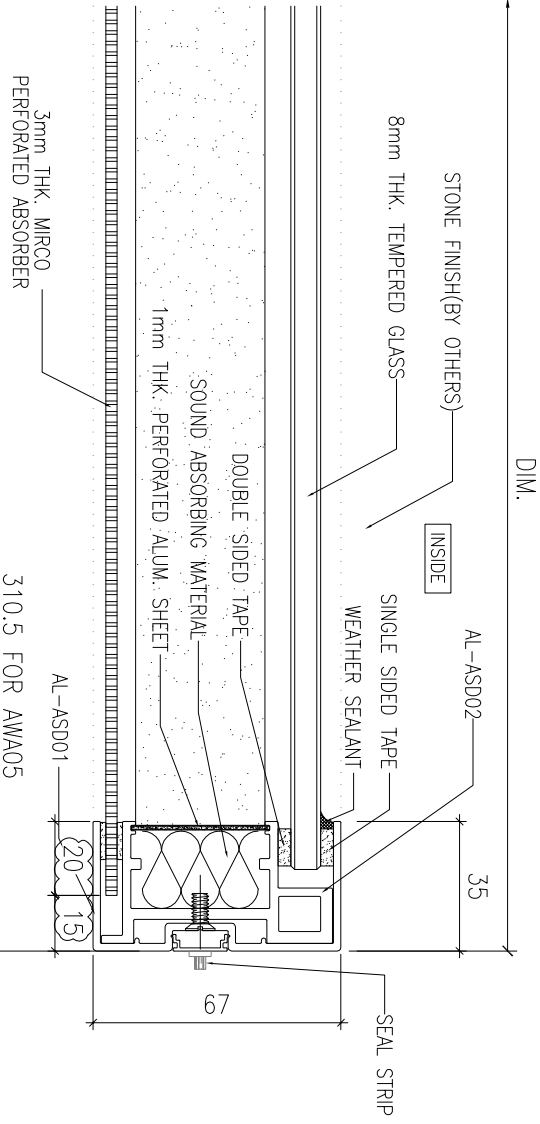
DRAWN BY : Ivonn	CHECKED BY :
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美特鋁質有限公司

MDI ALUMINIUM FABRICATOR LTD.

Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

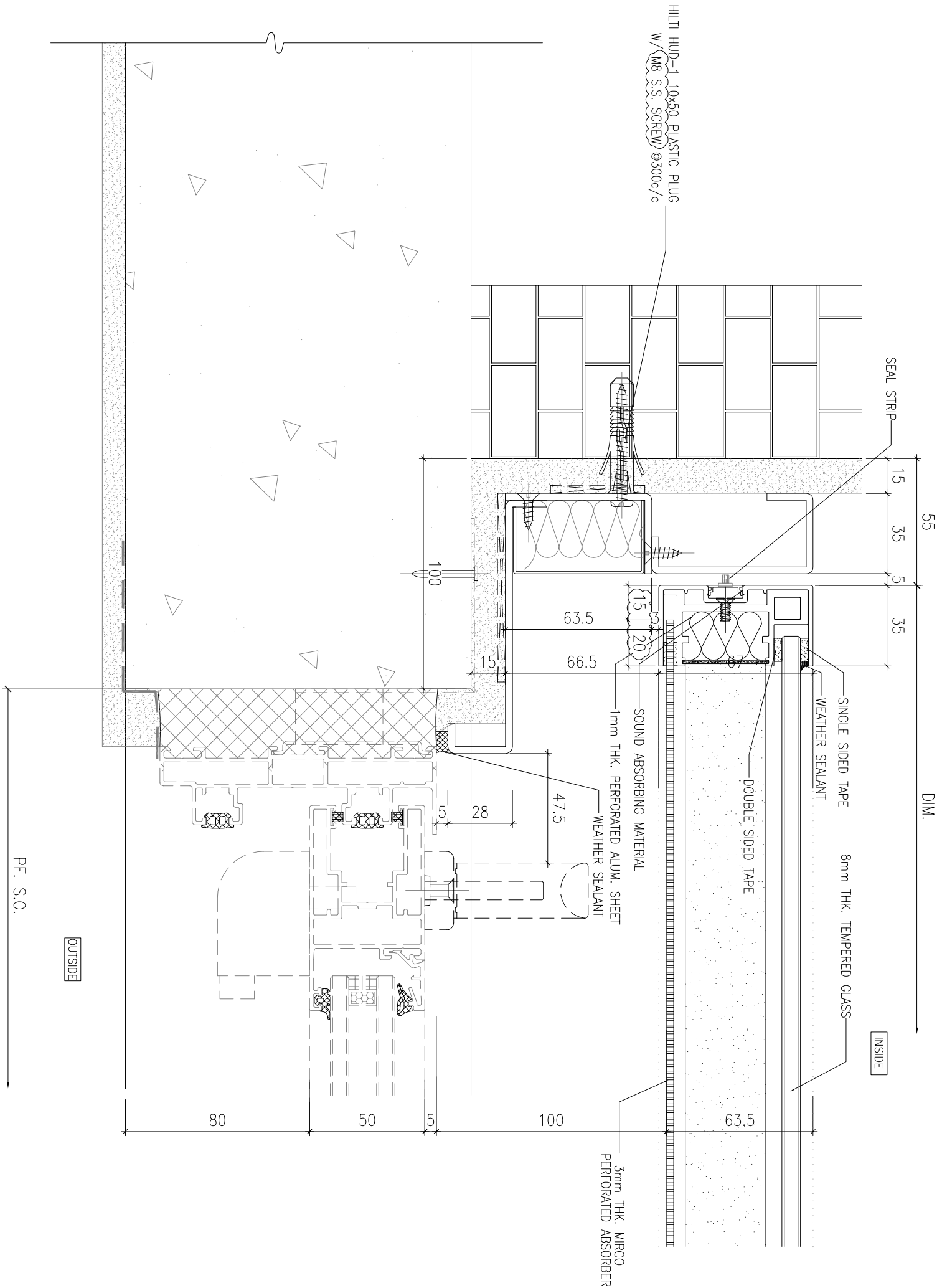
DWG NO. : JB56-SD-AS-DT04A	REV. : A
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2 HORIZONTAL DETAIL

SCALE 1:2

TOP & SIDE SAM WITH MPA CASE



1 HORIZONTAL DETAIL
SCALE 1:2

TOP & SIDE SAM WITH MPA CASE

B.D. REF :

CLIENT :

SUN HUNG KAI
REAL ESTATE AGENCY LTD.

42/F, SUN HUNG KAI CENTRE, MANDALAY, 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 :

1. SOUND ABSORBING MATERIAL (PEF12 NoiseStop Infil)
2. 3mm THK MICRO PERFORATED ABSORBER (PMMA-type MPPS35-3mm)
3. 1mm THK PERFORATED ALUM. SHEET (Pomute Alum. sheet)

NO.	DATE	REVISION	REMARK	BY
C	29/11/2023	GENERAL REVISION		ivon
B	06/09/2023	GENERAL REVISION		ivon
A	15/06/2023	REVISION SUBJECT TO ARCH COMMENT		ivon

JOB NO. : J-856

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

TITLE :
TYPICAL DETAILS FOR
ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40

DRAWN BY : ivon CHECKED BY :

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

DWG NO. : JB56-SD-AS-DT05 REV. : C

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



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 :

1. SOUND ABSORBING MATERIAL (PEF12 Noisestop Infil)
2. 3mm THK MICRO PERFORATED ABSORBER (PMMA-type MPPS35-3mm)
3. 1mm THK PERFORATED ALUM. SHEET (Pomute Alum. sheet)

C	29/11/2023	GENERAL REVISION	ivon
B	06/09/2023	GENERAL REVISION	ivon
A	15/06/2023	REVISION SUBJECT TO ARCH.COMMENT	ivon
NO.	DATE	REVISION	BY

JOB NO. : J-856

PROJECT :

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

TITLE :

TYPICAL DETAILS FOR
ACOUSTIC WINDOW

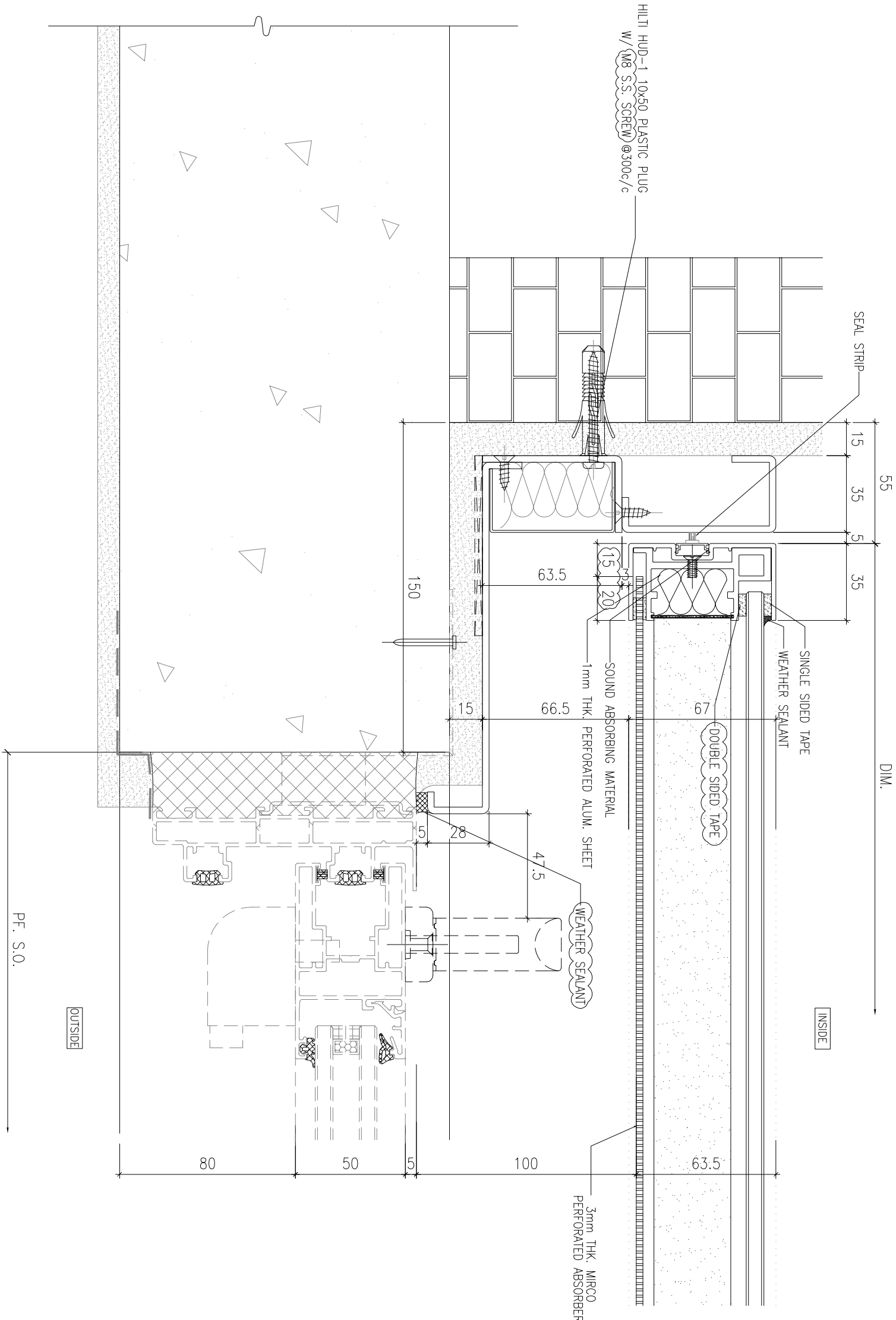
DATE : 06-Jan-23 SCALE : 1:40

DRAWN BY : ivon CHECKED BY :



Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-AS-DT06 REV. : C



1 HORIZONTAL DETAIL
SCALE 1:2

TOP & SIDE SAM WITH MPA CASE

[illegible]

SUN HUNG KAI
REAL ESTATE AGENCY LTD.

42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

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

Yee Fai Building Contractors Ltd.

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.

1. SOUND ABSORBING MATERIAL
(PET12_NoiseStop Infil)
2. 3mm THK MFCO PERFORATED ABSORBER
(PMMA-THK MPF535-3mm)
3. 1mm THK PERFORATED ALUM. SHEET
(Pomute Alum. sheet)

A	29/11/2023	GENERAL REVISION	Wor
NO.	DATE	REVISED	BY

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

TYPICAL DETAILS FOR
ACOUSTIC WINDOW

DRAWN BY : Ivan	CHECKED BY :
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 美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8 Sunray Industrial Centre 1/F

610 Cha Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27727666

DWG NO. : J856-SD-AS-DT11	REV. : A
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WITH MPA CASE

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 :
- ALL DIMENSIONS ARE IN mm.
 - ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
 - ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.
- LEGEND :
- SOUND ABSORBING MATERIAL (PEF12 NoiseStop Infil)
 - 3mm THK MICRO PERFORATED ABSORBER (PMAA-type MPP35S-3mm)
 - 1mm THK PERFORATED ALUM. SHEET (Pomulite Alum. sheet)

NO.		DATE	REVISION SUBJECT TO ARCH.COMMENT	RENDER	BY
B	11/7/20/2023	GENERAL REVISION			Ivan
A	14/06/2023	REVISION SUBJECT TO ARCH.COMMENT			Ivan

JOB NO. : J-856

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

TITLE :
TYPICAL DETAILS FOR
ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40

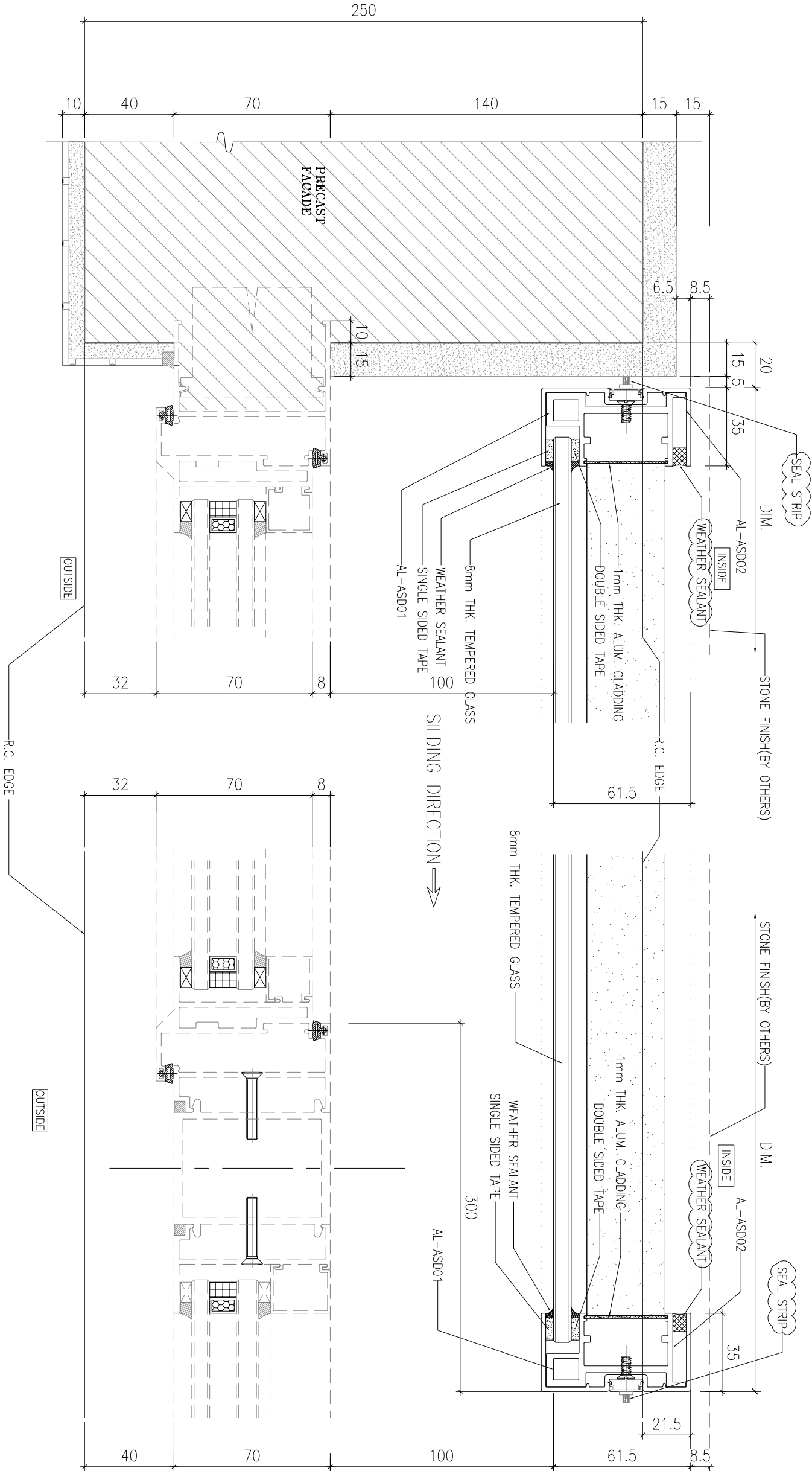
DRAWN BY : Ivan CHECKED BY :



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

Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23469211-4 Fax:(852)27727666

DWG NO. : J856-SD-AS-D121 REV. : B



WITH OUT MPA CASE

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:

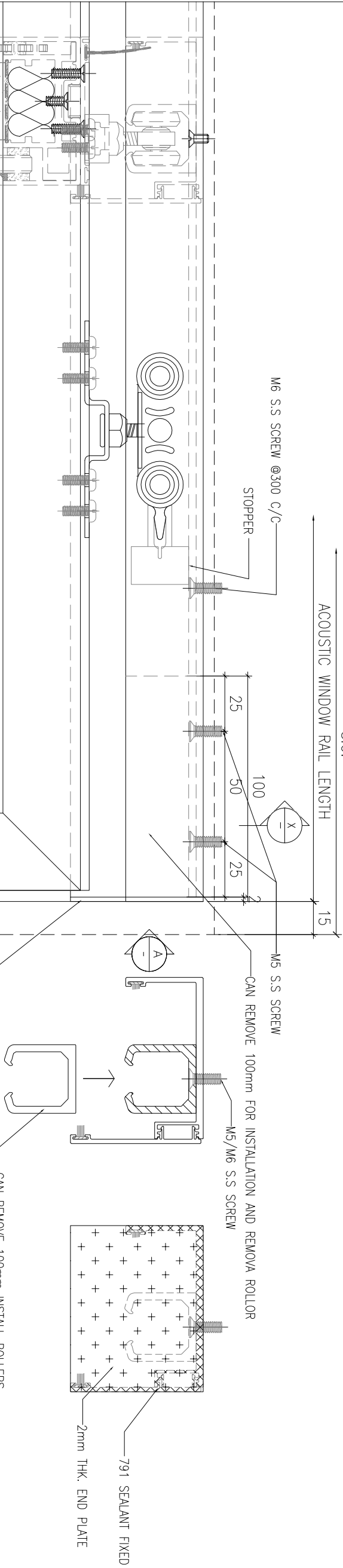


NOTE :

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

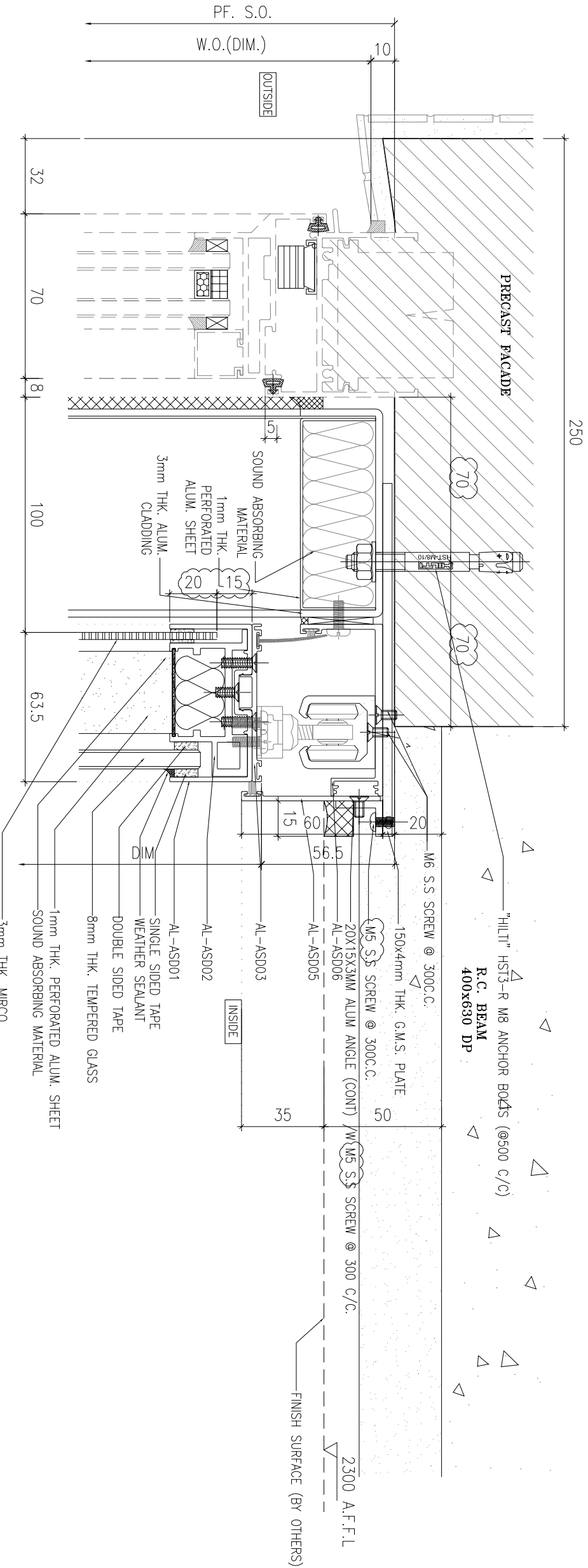
LEGEND :

- 1. SOUND ABSORBING MATERIAL (PEF12 NoiseStop Infill)
- 2. 3mm THK MICRO PERFORATED ABSORBER (PMMA-type MPP35-3mm)
- 3. 1mm THK PERFORATED ALUM. SHEET (Pomulte Alum. sheet)

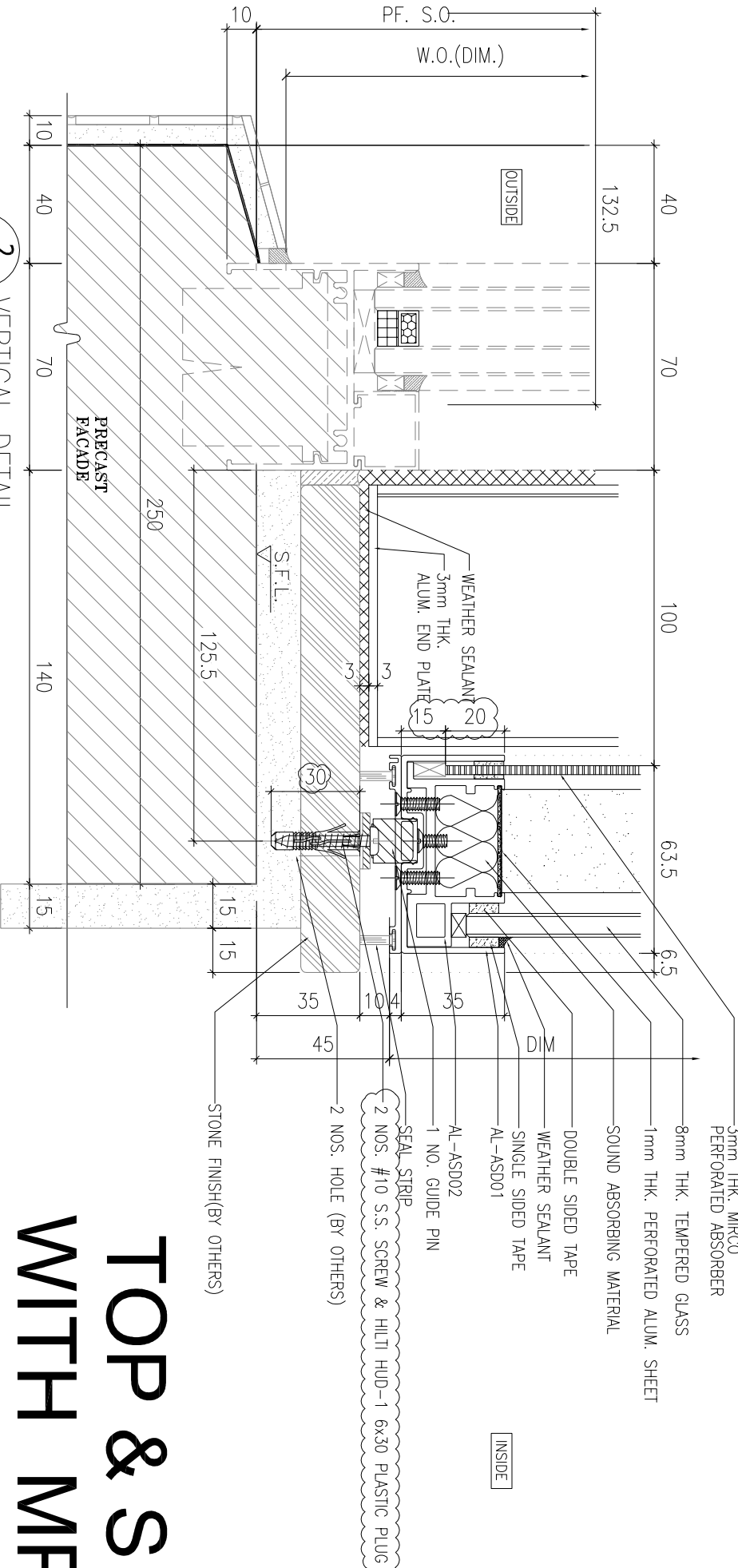


VIEW FROM INSIDE

NO.	DATE	REVISION	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 : TYPICAL DETAILS FOR ACOUSTIC WINDOW			
DATE : 06-Jan-23		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 Kwong Road, Kowloon Tel:23489211-4 Fax:(852)27727666			
DWG NO. : J856-SD-AS-DT31			REV. : -



1 VERTICAL DETAIL
SCALE 1:2



2 VERTICAL DETAIL
SCALE 1:2

TOP & SIDE SAW WITH MPA CASE

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

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 :

- SOUND ABSORBING MATERIAL (PEF12 Noisestop Infill)
- 3mm THK MICRO PERFORATED ABSORBER (PMMA-type MPP35S-3mm)
- 1mm THK PERFORATED ALUM. SHEET (Pomute Alum. sheet)

NO.	DATE	REVISION	BY
D	29/11/2023	GENERAL REVISION	lwk
C	28/8/2023	UPDATE AND INSTALL ASD05 METHOD	lwk
B	10/9/2023	REVISION SUBJECT TO ARCH-COMMENT	lwk
A	20/3/2023	REVISION SUBJECT TO ARCH-COMMENT	lwk

JOB NO. : J-856

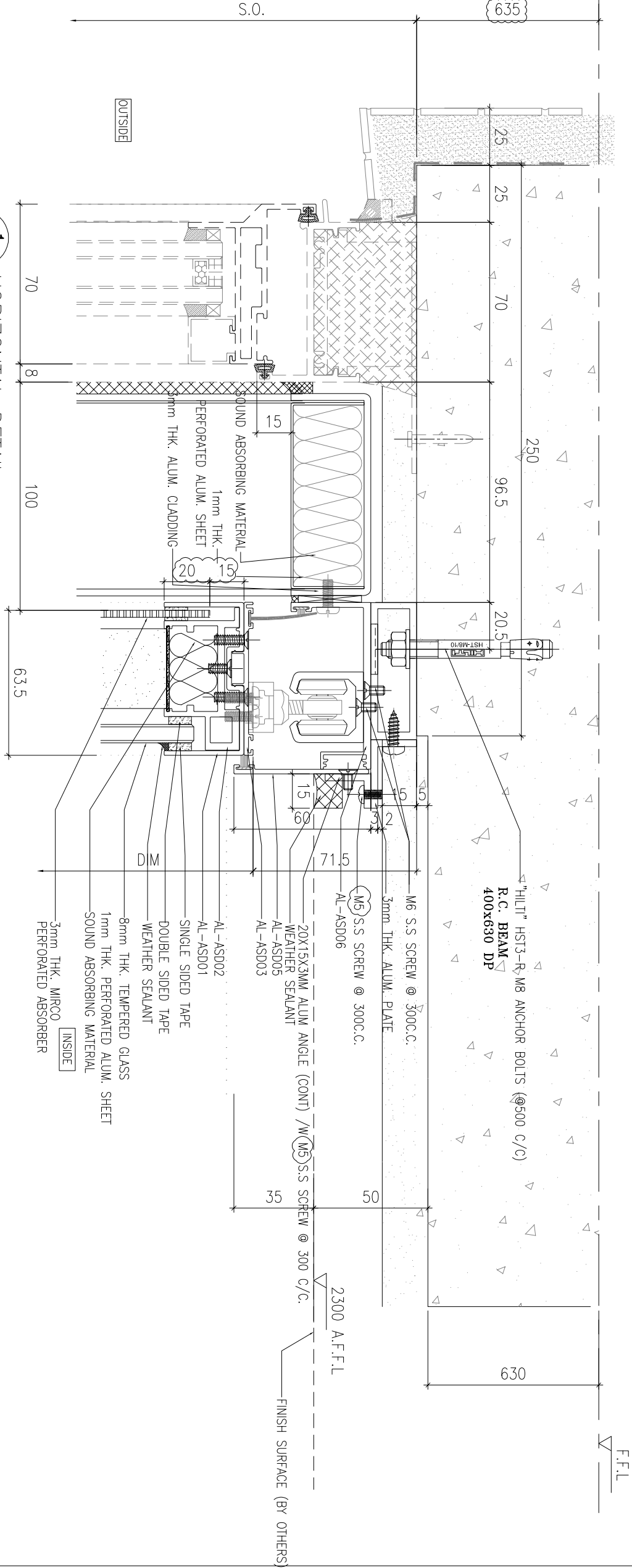
PROJECT :
PROPOSED DEVELOPMENT ABOVE
LIGHT RAIL TIN WING STOP/TSWTL
NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE :
TYPICAL DETAILS FOR
ACOUSTIC WINDOW

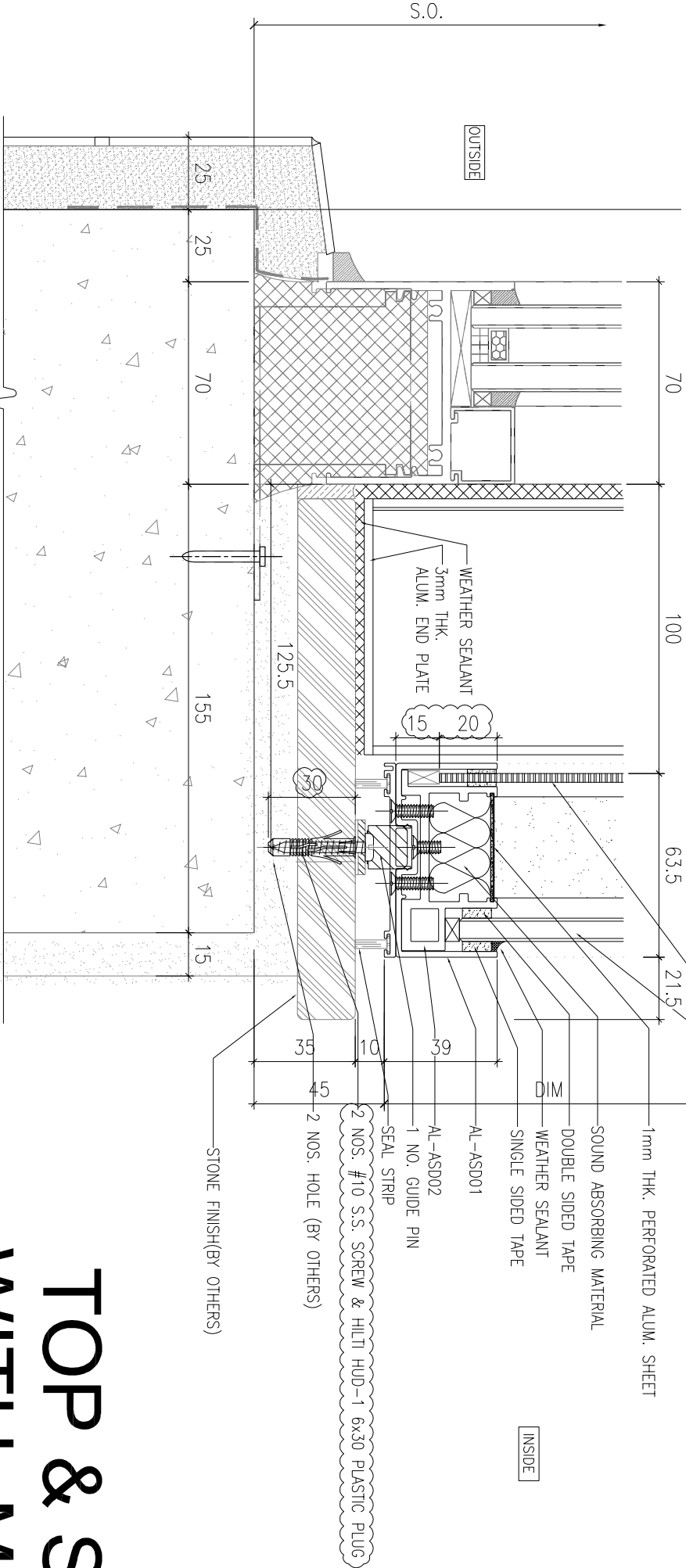
DATE : 06-Jan-23 SCALE : 1:40
DRAWN BY : lwnn CHECKED BY :

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

DWG NO. : J856-SD-AS-D151 REV. : D



1 HORIZONTAL DETAIL
SCALE 1:2



2 VERTICAL DETAIL
SCALE 1:2

TOP & SIDE SAM WITH MPA CASE

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



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 :

1. SOUND ABSORBING MATERIAL (PEF12 NoiseStop Infill)
2. 3mm THK MICRO PERFORATED ABSORBER (PMMA-type MPP35S-3mm)
3. 1mm THK PERFORATED ALUM. SHEET (Pomute Alum. sheet)

NO.	DATE	REVISION	BY
D	29/11/2023	GENERAL REVISION	Yvonn
C	28/8/2023	UPDATE AND INSTALL ASD05 METHOD	Yvonn
B	10/9/2023	REVISION SUBJECT TO ARCH.COMMENT	Yvonn
A	20/3/2023	REVISION SUBJECT TO ARCH.COMMENT	Yvonn

JOB NO. : J-856

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

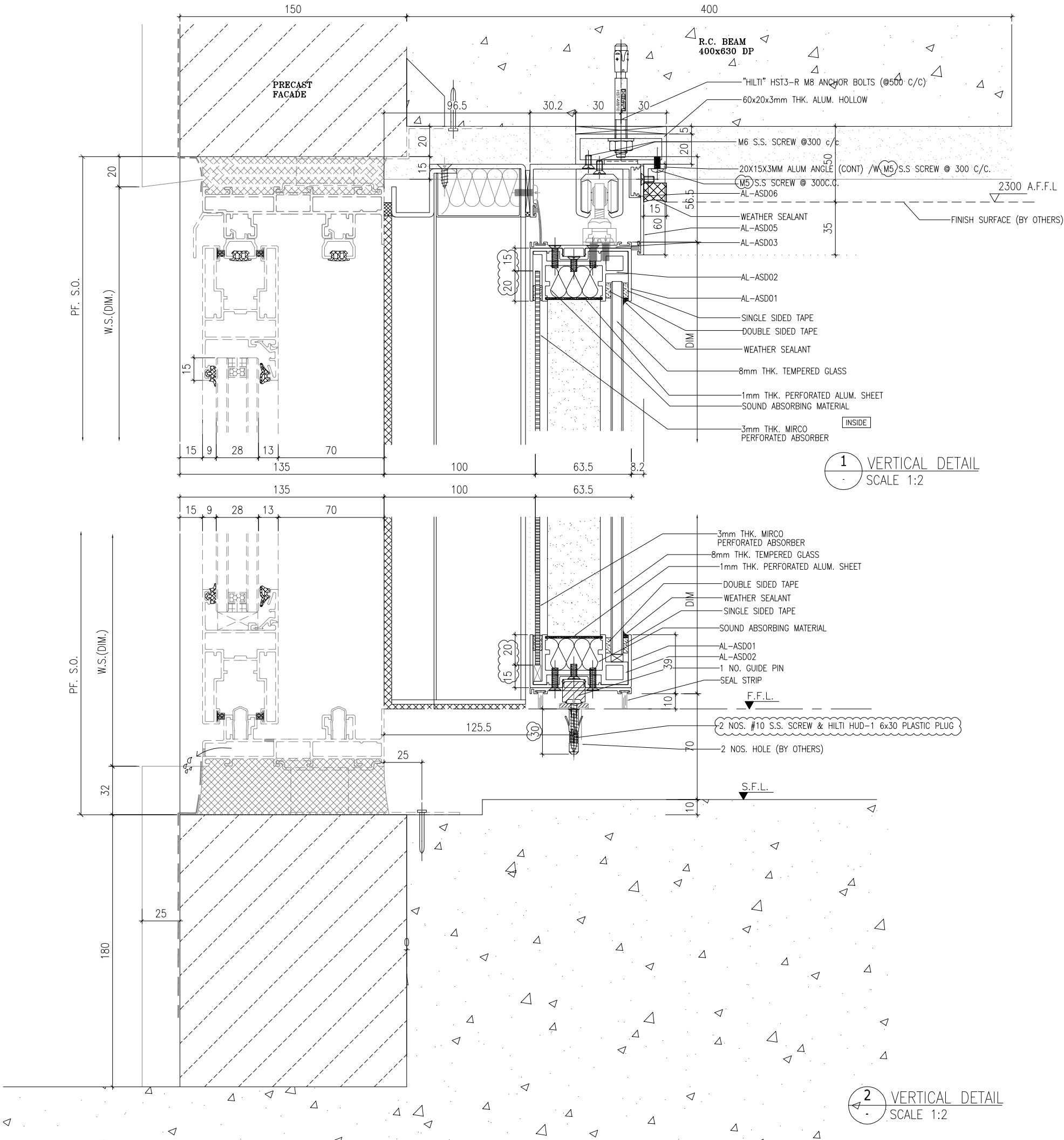
TITLE : TYPICAL DETAILS FOR ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40

DRAWN BY : Yvonn CHECKED BY :



DWG NO. : JB56-SD-AS-DT52 REV : D



1 VERTICAL DETAIL
SCALE 1:2

2 VERTICAL DETAIL
SCALE 1:2

TOP & SIDE SAM WITH MPA CASE

B.O. 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

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 :

1. SOUND ABSORBING MATERIAL (PET12 Noisetop Infill)
2. 3mm THK MIRCO PERFORATED ABSORBER (PMA-type MPF535-3mm)
3. 1mm THK PERFORATED ALUM. SHEET (Pomde Alum. sheet)

NO.	DATE	REVISION	BY
D	29/11/2023	GENERAL REVISION	lvon
C	28/8/2023	GENERAL REVISION	lvon
B	10/8/2023	REVISION SUBJECT TO ARCH COMMENT	lvon
A	20/3/2023	REVISION SUBJECT TO ARCH COMMENT	lvon

JOB NO. : J-856

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

TITLE :
TYPICAL DETAILS FOR
ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40

DRAWN BY : lvon CHECKED BY :

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

DWG NO. : J856-SD-AS-DT53 REV. : D

B.D. REF :

CLIENT :



42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT

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

MAIN CONTRACTOR :

Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE:

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

LEGEND:

1. SOUND ABSORBING MATERIAL
(PEF12, Nossesop Infill)
2. 3mm THK MIRCO PERFORATED ABSORBER
(PPMA-type PMP535-3mm)
3. 1mm THK PERFORATED ALUM. SHEET
(Pomute Alum. sheet)

C	02/04/2024	GENERAL REVISION	vor
B	28/8/2023	UPDATE AND INSTALL ASD05 METHOD	vor
A	10/8/2023	REVISION SUBJECT TO ARCH.COMMENT	vor
NO.	DATE	REVISED	BY

JOB NO. : J-856

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

TITLE :
TYPICAL DETAILS FOR
ACOUSTIC WINDOW

DATE : 06-Jan-23

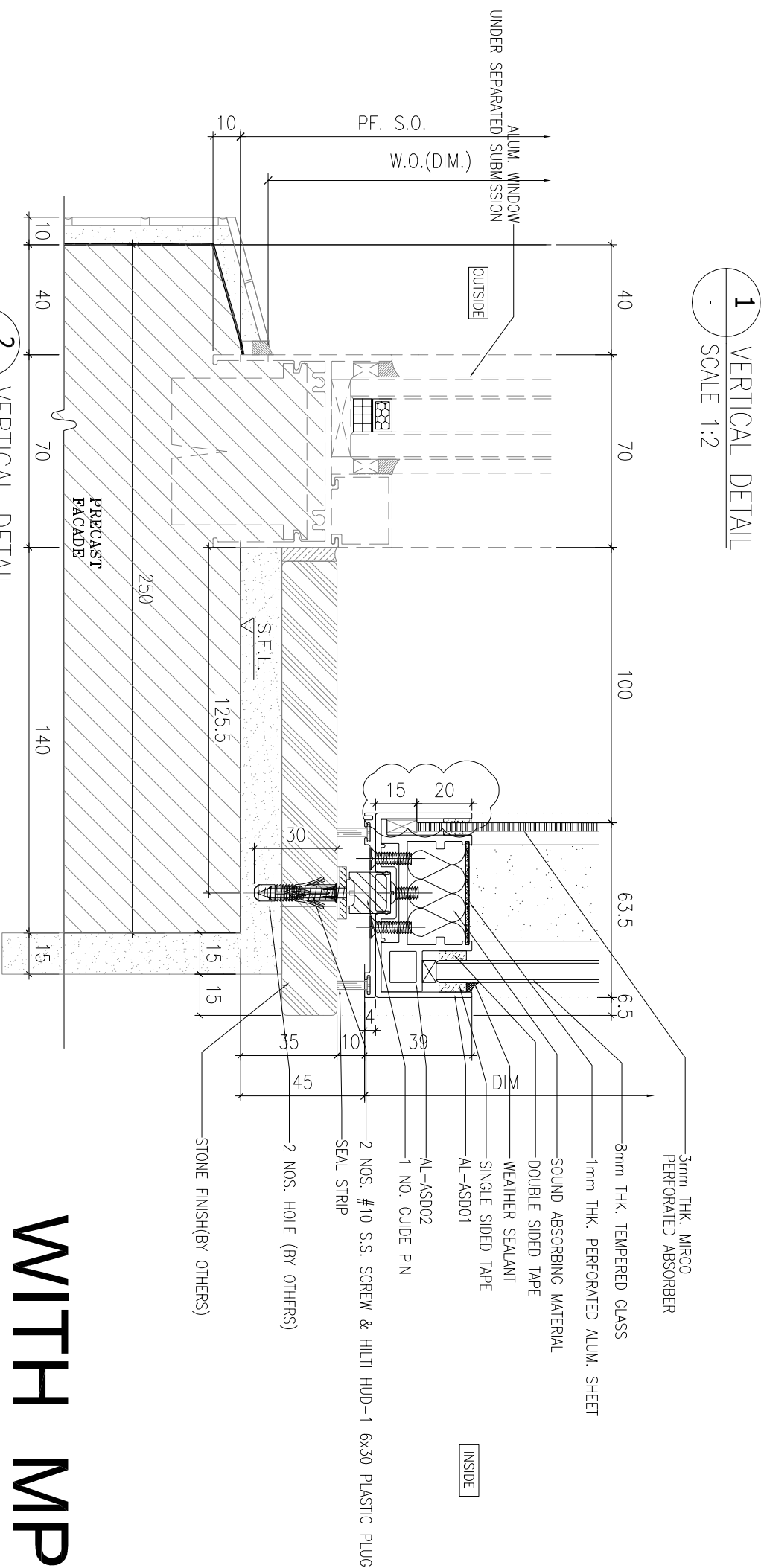
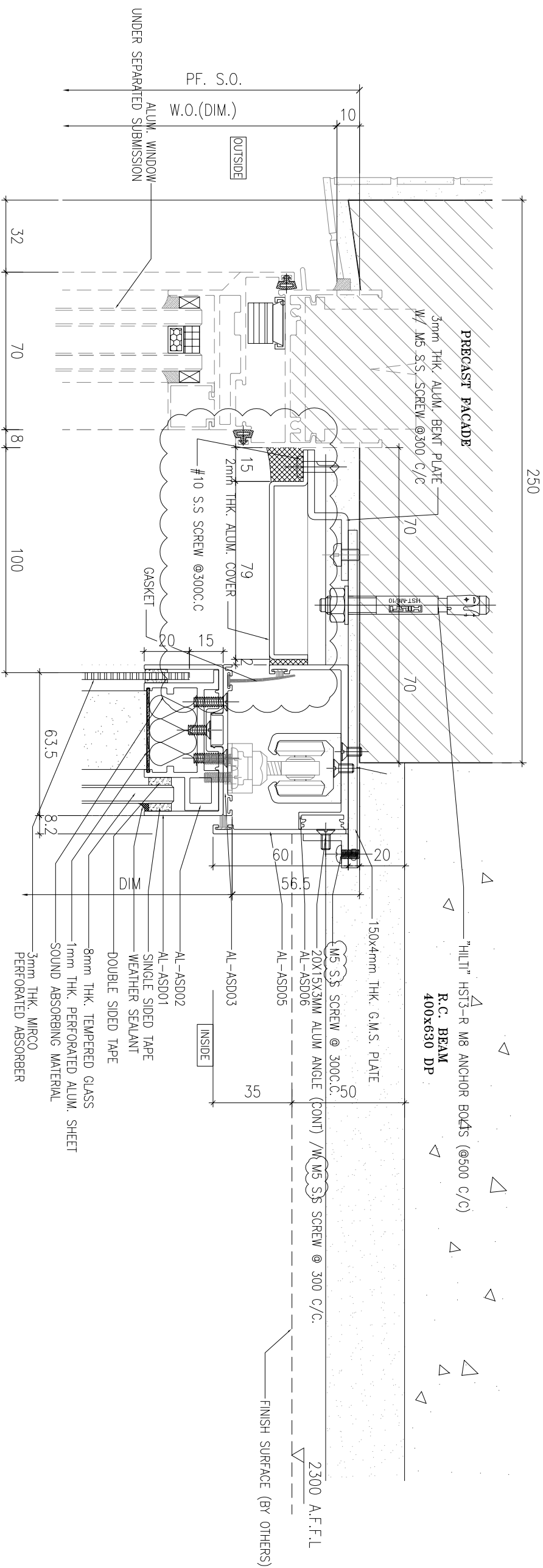
DRAWN BY : Ivan

CHECKED BY :



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

DWG NO. : J856-SD-AS-DT61	REV. : C
---------------------------	----------



WITH MPA CASE

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 :

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :

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

LEGEND :

1. SOUND ABSORBING MATERIAL
(PEF12, Nossesop Infill)
2. 3mm THK MIRCO PERFORATED ABSORBER
(PPMA-type PMP535-3mm)
3. 1mm THK PERFORATED ALUM. SHEET
(Pomute Alum. sheet)

NO.	DATE	REVISION	BY
D	02/04/2024	GENERAL REVISION	WOM
C	28/8/2023	UPDATE AND INSTALL ASDOS METHOD	WOM
B	10/8/2023	REVISION SUBJECT TO ARCH.COMMENT	WOM
A	14/6/2023	REVISION SUBJECT TO ARCH.COMMENT	WOM

JOB NO. : J-856

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

TITLE :
TYPICAL DETAILS FOR
ACOUSTIC WINDOW

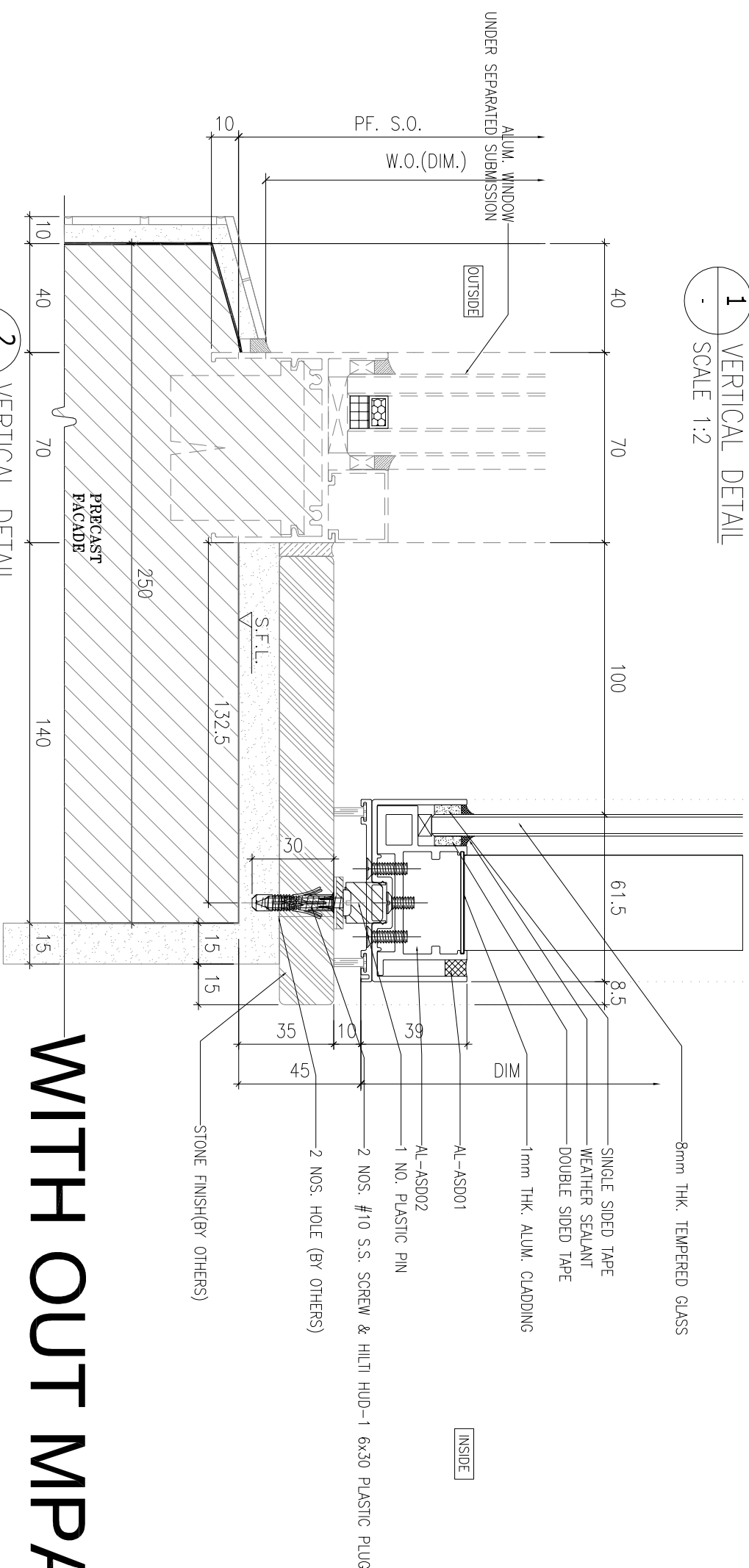
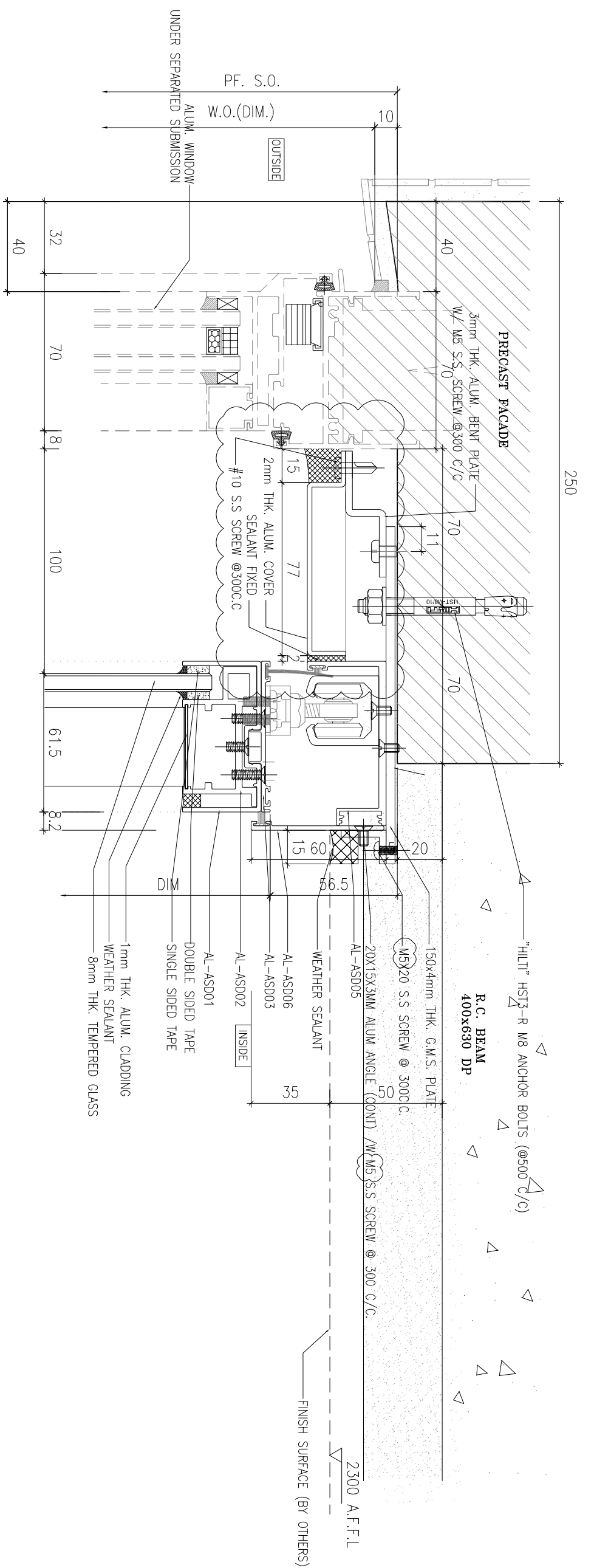
DATE : 06-Jan-23

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 Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-AS-DT71	REV. : D
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WITHOUT MPA CASE

WITH OUT MPA CASE

B.D. 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

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 :

1. SOUND ABSORBING MATERIAL (PET12 Noisetop Infill)
2. 3mm THK MIRCO PERFORATED ABSORBER (PMA-type MPF535-3mm)
3. 1mm THK PERFORATED ALUM. SHEET (Pomde Alum. sheet)

NO.	DATE	REVISION	BY
D	29/11/2023	GENERAL REVISION	lvon
C	28/8/2023	UPDATE AND INSTALL ASD05 METHOD	lvon
B	10/8/2023	REVISION SUBJECT TO ARCH COMMENT	lvon
A	14/6/2023	REVISION SUBJECT TO ARCH COMMENT	lvon

JOB NO. : J-856

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

TITLE :
TYPICAL DETAILS FOR
ACOUSTIC WINDOW

DATE : 06-Jan-23 SCALE : 1:40

DRAWN BY : lvon CHECKED BY :

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

DWG NO. : J856-SD-AS-DT72 REV. : D

1 VERTICAL DETAIL
SCALE 1:2

2 VERTICAL DETAIL
SCALE 1:2

B.D. REF :

CLIENT :



42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :

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

MAIN CONTRACTOR :

Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :

FACADE CONSULTANT:

Alpha Consulting Limited
Steel Structure & Façade Specialists

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 :

1. SOUND ABSORBING MATERIAL
(PEF12_Mossesop Infil)
2. 3mm THK MICRO PERFORATED ABSORBER
(PMAA-type MPF535-3mm)
3. 1mm THK PERFORATED ALUM. SHEET
(Poronite Alum. sheet)

A	29/11/2023	GENERAL REMISION	two
NO.	DATE	REVISED	BY

JOB NO. : J-856

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

TITLE :

TYPICAL DETAIL
FOR CURTAIN WALL
ACOUSTIC WINDOW

DATE : 31-OCT-22 SCALE : 1:4

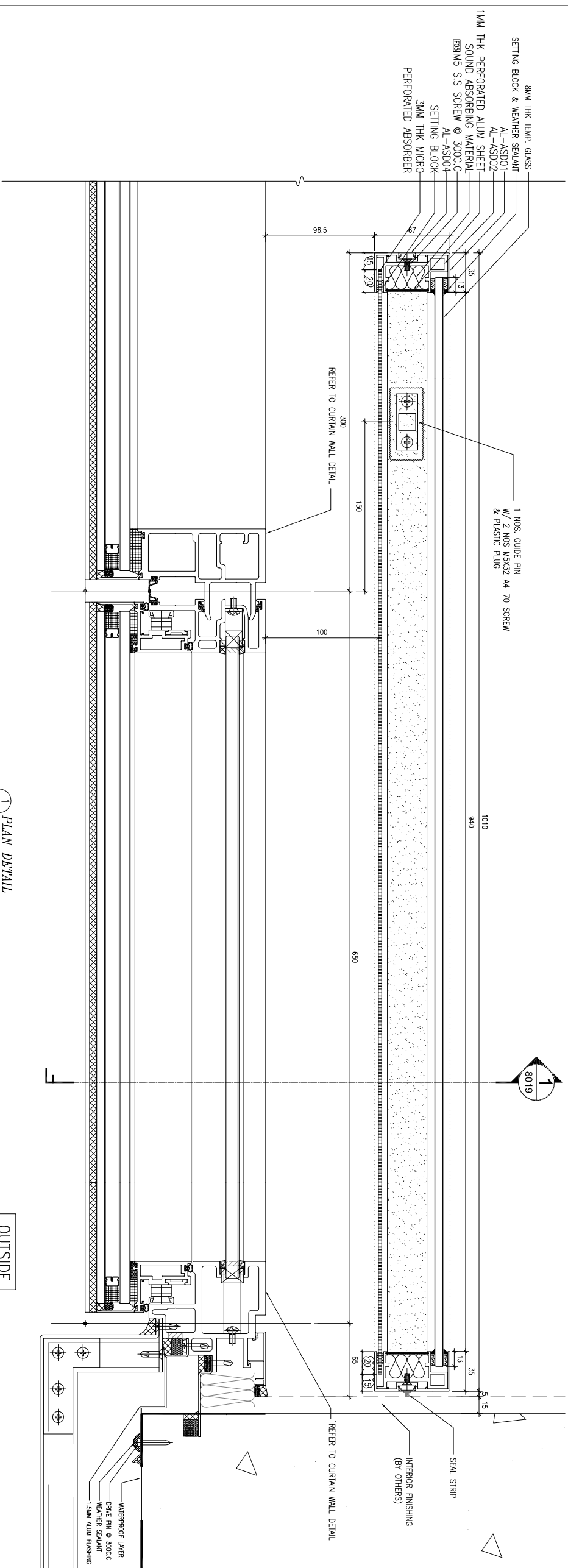
DRAWN BY : C.F

CHECKED BY :



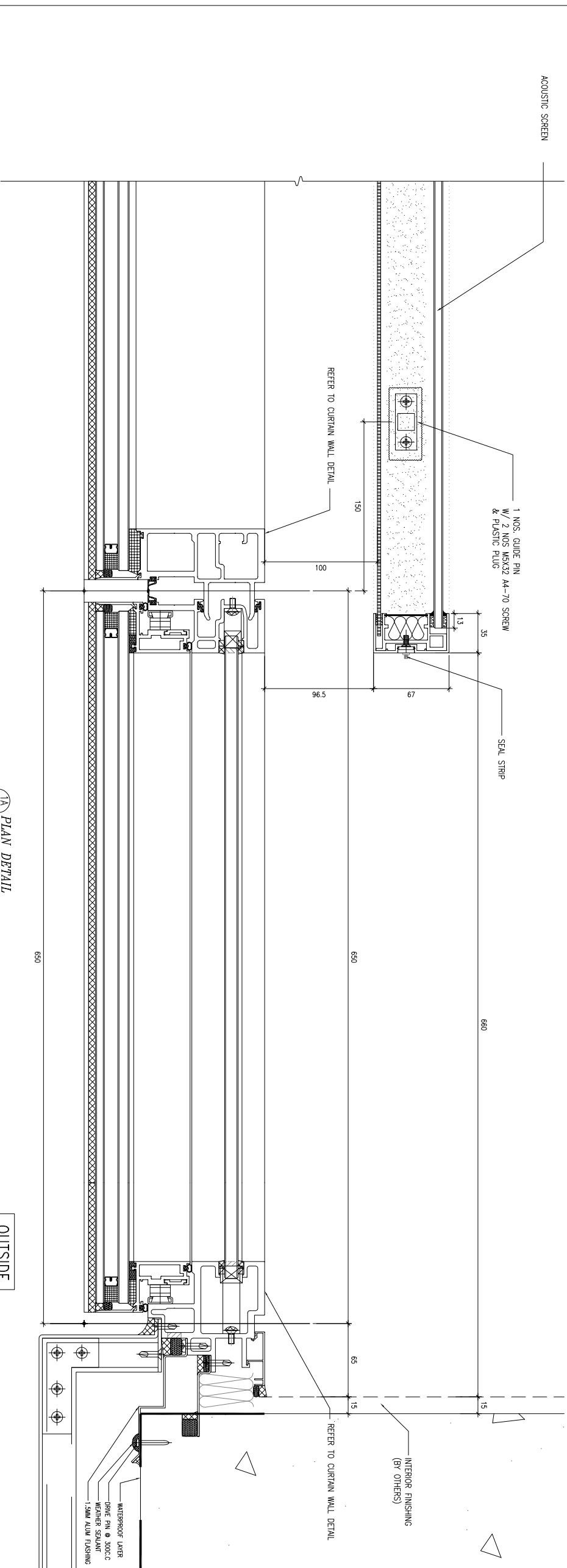
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8018	REV. : A
---------------------------	----------



PLAN DETAIL
1
8018
ACOUSTIC SCREEN AW1 (⊕ ACOUSTIC MODE
A.W FOR T1 A8 MBR (5/F-20/F) ONLY

OUTSIDE



1A
8018

PLAN DETAIL

ACOUSTIC SCREEN(OPEN)

OUTSIDE

SUN HUNG KAI
REAL ESTATE AGENCY LTD.

42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

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

Architect

Yee Fai Building Contractors Ltd

ARUP

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

1. SOUND ABSORBING MATERIAL (PEF12_Noisestop Infill)
2. 3mm THK MIRCO PERFORATED ABSORBER

3. ⁵(PMMA-type MPP535-3mm)
1mm THK PERFORATED ALUM. SHEET
(Pomute Alum. sheet)

A	13/10/2023	GENERAL REVISION	10mm
NO.	DATE	REVISED	BY

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

TYPICAL DETAIL
FOR CURTAIN WALL
ACOUSTIC WINDOW

SCALE : 1:4
CHECKED BY :

C.F. | CHECKED BY :

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

610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8019 REV. : A

B.D. REF :

CLIENT :



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

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



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 :

1. SOUND ABSORBING MATERIAL (PEF12 NoiseStop Infil)
2. 3mm THK MICRO PERFORATED ABSORBER (PMAA-type MPP35-3mm)
3. 1mm THK PERFORATED ALUM. SHEET (Pomide Alum. sheet)

A	DATE	REVISION	BY
1	22/12/2023	REMOVE SNAI	WYEN

JOB NO. : J-856

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

TITLE :

TYPICAL DETAIL
FOR CURTAIN WALL
ACOUSTIC WINDOW

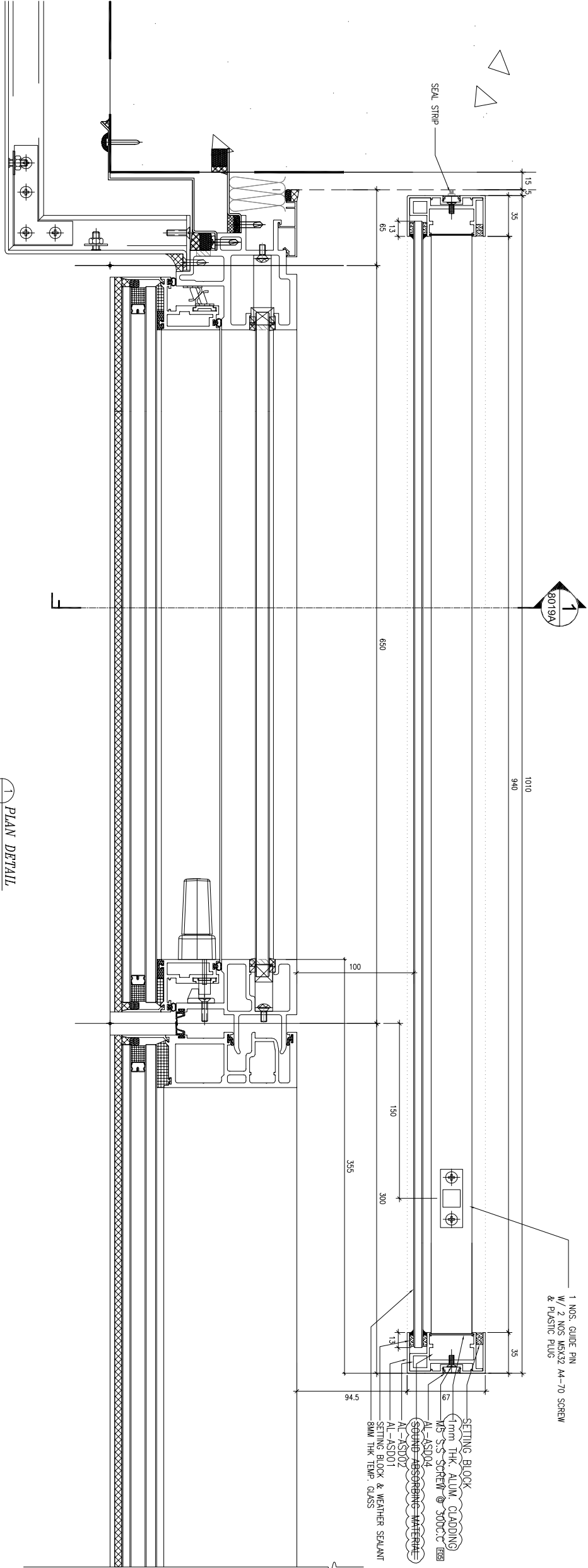
DATE : 31-OCT-22 SCALE : 1:4

DRAWN BY : C.F.F. CHECKED BY :

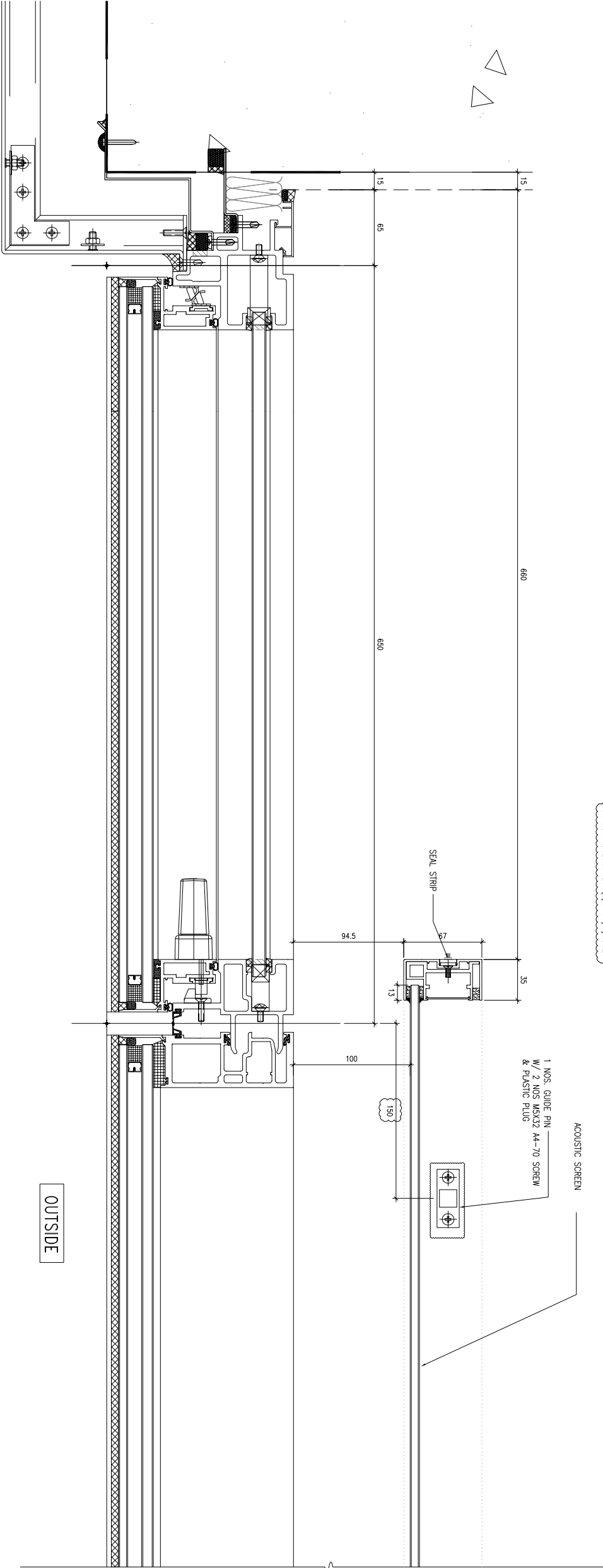


Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8018A REV. : A



1 PLAN DETAIL
ACOUSTIC SCREEN AND ACOUSTIC MODE
FAÇ FOR TS BIO WAF (3/F-17/F) ONLY



1A PLAN DETAIL
ACOUSTIC SCREEN (OPEN)

B.D. REF : _____

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

42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

IWK&partners
architects

architects

Yee Fai Building Contractors Ltd

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

Steel Structure & Facade Specialist

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

1. SOUND ABSORBING MATERIAL
(PEF12_Noisestop Infill)
2. 3mm THK MIRCO PERFORATED ABSORBER
(PMMA-type MP9535-3mm)
3. 1mm THK PERFORATED ALUM. SHEET
(Pomute Alum. sheet)

A	29/11/2023	GENERAL REVISION	lwm
NO.	DATE	REVISED	BY

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

TYPICAL DETAIL
FOR CURTAIN WALL
ACOUSTIC WINDOW

SCALE : 1:4
CHECKED BY

DRAWN BY : C.F

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

Units 6-8, Sunray Industrial Centre,
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27276666

DWG NO. : J856-SD-CW-8019A REV. : A