



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- 8613	修改版本:	-
	HK- 2135		
工程編號:	J 856	工程名稱:	天榮站
收件人:	生統 / 謝永林	發件人:	Iris Li
工程項目:	9th Shop Drawing for Insitu Louver at Tower 拆圖用	日期:	29/11/2024

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

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

內容: 9th Shop Drawing for Insitu Louver at Tower 拆圖用

20/11/2024收到19th GBP修改圖紙,增加5隻百葉,分別: AL51B(1隻), AL53B(1隻),AL53C(3隻), 請按照附件圖紙提供拆圖

完成上列要求日期: 03/12/2024

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 checked="" 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 type="checkbox"/> 香港辦	<input type="checkbox"/> 連附件	<input type="checkbox"/> 其他:			

香港

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

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

PROJECT :

9

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

9th SHOPDRAWING FOR IN-SITU LOUVER OF TOWER

DATE: 21-NOV-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)2727666

GENERAL NOTES FOR IN-SITU LOUVER OF TOWER

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. STRUCTURAL USE OF ALUMINIUM, BS 8118-1:1991. (WIND LOAD FACTOR OF 1.4 FOR ALUMINIUM DESIGN TO PART APP53)
6. BUILDING (CONSTRUCTION) REGULATIONS CAP 123

DESIGN WIND LOAD

CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004.

HEIGHT ABOVE GROUND LEVEL <148.3m
 BASIC WIND PRESSURE 3.044kPa
 TOPOGRAPHY FACTOR (S_z) 1.00
 PRESSURE COEFFICIENT (C_p) +1.0/-1.4
 DESIGN WIND PRESSURE $\begin{pmatrix} +2.0 \\ -4.28 \end{pmatrix}$ kPa

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 μm COATING THICKNESS.

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/m³
 YOUNG'S MODULUS 205,000MPa
 YIELD STRENGTH 275MPa
 MINIMUM TENSILE STRENGTH 430MPa
 DESIGN STRENGTH (k_s16mm) 275MPa
 DESIGN STRENGTH (k_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/m³
 YOUNG'S MODULUS 70,000MPa

0.2% PROOF STRESS 6063-T6 160MPa
 MINIMUM TENSILE STRENGTH 215MPa
 LIMITING BENDING STRENGTH 160MPa
 LIMITING TENSILE STRENGTH 175MPa
 LIMITING SHEAR STRENGTH 99MPa

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/m³
 YOUNG'S MODULUS 70,000 N/mm²
 0.2% PROOF STRESS 123 N/mm²
 MINIMUM TENSILE STRENGTH 143 N/mm²
 LIMITING BENDING STRENGTH 123 N/mm²
 LIMITING TENSILE STRENGTH 135 N/mm²
 LIMITING SHEAR STRENGTH 75 N/mm²

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 (BIMETAL PAINT ECT.)

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

ALL SCREWS SHALL BE M5 S5 SCREW SPACING @300c/c MAX. UNLESS OTHERWISE STATED.

CONCRETE

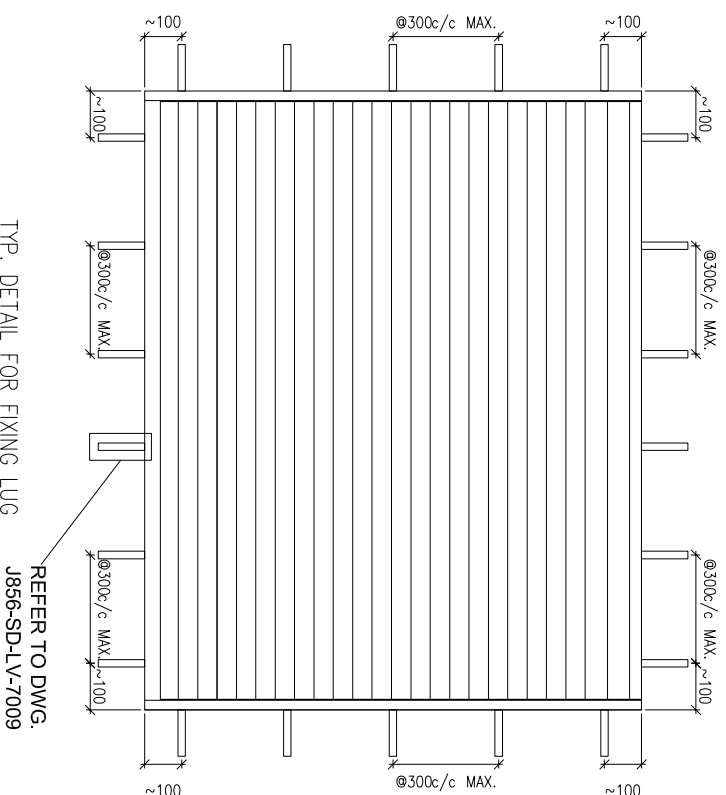
ALL CONCRETE STRUCTURES SHOWN IN THIS SUBMISSION ARE FOR INFORMATION ONLY.

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)	CONCRETE FACTOR
BD-4F-149 (see EXHIBIT COMMENT)	"HILTI" HS-T3-R M12 SAFETY ANCHOR BOLTS	120	70	60	50	6.7	12.2	1.50 x 6.7 = 10.05	1.342 x 10.05 = 13.487

FIXING LUG

THE SIZE OF STAINLESS STEEL (GRADE 304) FIXING LUG TO BE 1.5mm THK. AND SPACING @300mm C/C MAX. UNLESS OTHERS STATED.



DRIVE PIN

DRIVE PIN TO BE "HILTI" X-P 27 P8. DESIGN & INSTALLATION SHOULD BE COMPLIED WITH MANUFACTURERS' RECOMMENDATION RECOMMEND TENSILE OR SHEAR LOAD=16KN MIN. EMBED DEPTH=25mm FACTOR OF SAFETY=4.0

WATERPROOFING COATING

ALL WATERPROOFING COATING SHALL BE (MASTERSEAL 540 . 2 COATS), AROUND LOUVER FRAME FOR 150mm MIN.

B.D. REF :

CLIENT :

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

ARCHITECT :

IWK&partners
 a t 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 :

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 : GENERAL NOTES FOR IN-SITU LOUVER OF TOWER

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

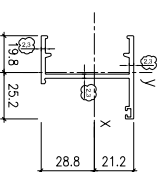
DRAWN BY : Ivon CHECKED BY :

MIDI 美特鋸寶有限公司
 ALUMINIUM FABRICATOR LTD.
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 610 Ona Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27277866
 DWG NO. : J856-SD-LV-0101 REV. : AS

B.O. REF :

PROPERTIES

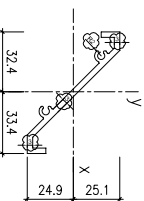
MEMBER : IW-01
GRADE : 6063-T6
FINISH : PVF2 3-COATING



MASS PROPERTIES (UNIT)		VALUES
Area (mm ²) :	(mm ²)	344.3
Perimeter (mm) :	(mm)	247.7
Radius of Gyration X (mm) :	(mm)	24.77 to 25.25
Radius of Gyration Y (mm) :	(mm)	24.78 to 21.21
Centroid X (mm) :	(mm)	0.00
Centroid Y (mm) :	(mm)	0.00
Moment of inertia X (mm ⁴) :	(mm ⁴)	113494.5
Moment of inertia Y (mm ⁴) :	(mm ⁴)	111903.5
Section Modulus X (mm ³) :	(mm ³)	1843
Section Modulus Y (mm ³) :	(mm ³)	1843
Radius of gyration X (mm) :	(mm)	8.48
Radius of gyration Y (mm) :	(mm)	8.48
Principal moment along X-Y (mm ⁴) :	(mm ⁴)	214071.8 along (13.37 -43.39)
Principal moment along X'-Y' (mm ⁴) :	(mm ⁴)	113494.5 along (0.00 0.00)
Slenderness Ratio X :	(mm)	1 / λ = 2008.48
Slenderness Ratio Y :	(mm)	1 / λ = 2008.48

PROPERTIES

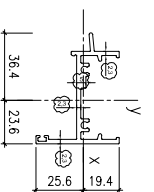
MEMBER : IW-03
GRADE : 6063-T6
FINISH : PVF2 3-COATING



MASS PROPERTIES (UNIT)		VALUES
Area (mm ²) :	(mm ²)	330.84
Perimeter (mm) :	(mm)	252.46
Radius of Gyration X (mm) :	(mm)	24.96 to 23.38
Radius of Gyration Y (mm) :	(mm)	24.83 to 26.07
Centroid X (mm) :	(mm)	0.00
Centroid Y (mm) :	(mm)	0.00
Moment of inertia X (mm ⁴) :	(mm ⁴)	80219.61
Moment of inertia Y (mm ⁴) :	(mm ⁴)	151422.07
Section Modulus X (mm ³) :	(mm ³)	1632
Section Modulus Y (mm ³) :	(mm ³)	1632
Radius of gyration X (mm) :	(mm)	16.32
Radius of gyration Y (mm) :	(mm)	16.32
Principal moment along X-Y (mm ⁴) :	(mm ⁴)	218847.8 along (13.37 -43.64)
Principal moment along X'-Y' (mm ⁴) :	(mm ⁴)	80219.61 along (0.00 0.00)
Slenderness Ratio X :	(mm)	1 / λ = 2008.51
Slenderness Ratio Y :	(mm)	1 / λ = 2008.51

PROPERTIES

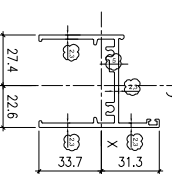
MEMBER : IW-06
GRADE : 6063-T6
FINISH : PVF2 3-COATING



MASS PROPERTIES (UNIT)		VALUES
Area (mm ²) :	(mm ²)	413.73
Perimeter (mm) :	(mm)	317.75
Radius of Gyration X (mm) :	(mm)	24.96 to 23.63
Radius of Gyration Y (mm) :	(mm)	24.83 to 26.07
Centroid X (mm) :	(mm)	0.00
Centroid Y (mm) :	(mm)	0.00
Moment of inertia X (mm ⁴) :	(mm ⁴)	102414.11
Moment of inertia Y (mm ⁴) :	(mm ⁴)	199417.02
Section Modulus X (mm ³) :	(mm ³)	1632
Section Modulus Y (mm ³) :	(mm ³)	1632
Radius of gyration X (mm) :	(mm)	16.32
Radius of gyration Y (mm) :	(mm)	16.32
Principal moment along X-Y (mm ⁴) :	(mm ⁴)	208089.51 along (13.37 -43.64)
Principal moment along X'-Y' (mm ⁴) :	(mm ⁴)	102414.11 along (0.00 0.00)
Slenderness Ratio X :	(mm)	1 / λ = 2008.51
Slenderness Ratio Y :	(mm)	1 / λ = 2008.51

PROPERTIES

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



MASS PROPERTIES (UNIT)		VALUES
Area (mm ²) :	(mm ²)	494.03
Perimeter (mm) :	(mm)	371.75
Radius of Gyration X (mm) :	(mm)	24.96 to 23.64
Radius of Gyration Y (mm) :	(mm)	24.83 to 26.07
Centroid X (mm) :	(mm)	0.00
Centroid Y (mm) :	(mm)	0.00
Moment of inertia X (mm ⁴) :	(mm ⁴)	102414.11
Moment of inertia Y (mm ⁴) :	(mm ⁴)	199417.02
Section Modulus X (mm ³) :	(mm ³)	1632
Section Modulus Y (mm ³) :	(mm ³)	1632
Radius of gyration X (mm) :	(mm)	16.32
Radius of gyration Y (mm) :	(mm)	16.32
Principal moment along X-Y (mm ⁴) :	(mm ⁴)	208089.51 along (13.37 -43.64)
Principal moment along X'-Y' (mm ⁴) :	(mm ⁴)	102414.11 along (0.00 0.00)
Slenderness Ratio X :	(mm)	1 / λ = 2008.51
Slenderness Ratio Y :	(mm)	1 / λ = 2008.51

CLIENT :



SUN HUNG KAI
REAL ESTATE AGENCY LTD.

42/F SUN HUNG KAI CENTRE, WANGCHAI, HONGKONG

ARCHITECT :



MAIN CONTRACTOR :



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

STRUCTURAL ENGINEER :



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. Ⓞ --- REVERSED DETAIL

4. GLASS LEGEND

EQ1--1--8mm+12mm AIR GAP+8mm THK. LG.U.
EQ2--2--10mm THK. CLEAR TEMPERED 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 : DIE LIST FOR IN-SITU LOUVER

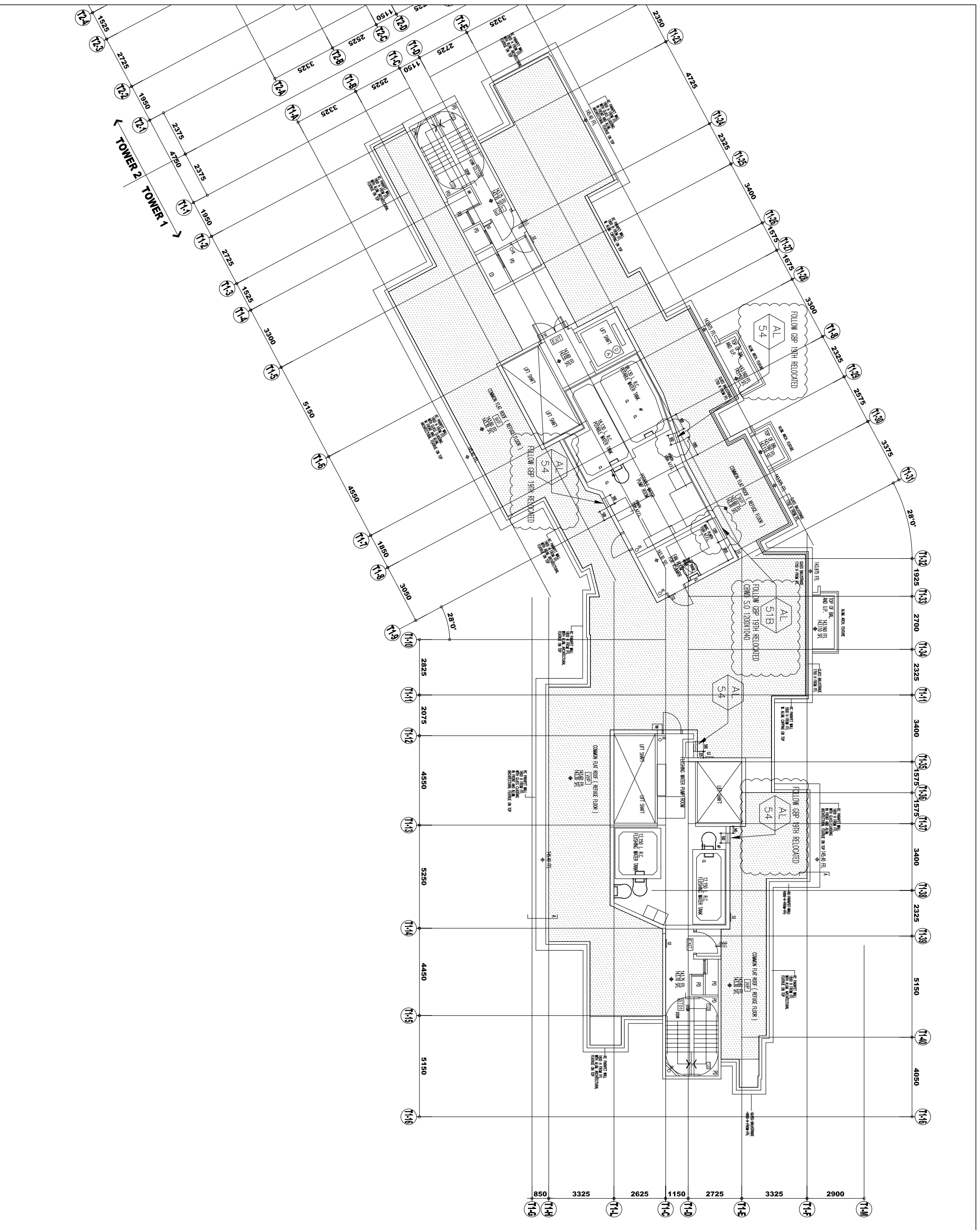
DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : Iwon CHECKED BY :



MIDU ALUMINUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Ona Kwong Road, Kowloon
Tel:23489211-4 Fax:(852)27277866

DWG NO. : J856-SD-LV-1001 REV. : AS



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

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

LEGEND:
 (X1) --- DETAIL MARK NO.
 (X001) --- REFER SHEET NO.
 (X002) --- 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 -- 9mm+12mm AIR GAP+8mm THK. I.G.U.
 EQ1-2 -- 10mm THK. CLEAR TEMPERED GLASS

NO.	DATE	REVISION
1	21 NOV 2024	UPDATE AS 20241119 19TH GBR/WIND AMEND

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 LOUVER AT TOWER 1 R/F

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

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Ono Kwong Road, Kowloon
 Tel: 23489211-4 Fax: (852) 2727866
 DWG NO. : J856-SD-LV-3107 REV. : 1

CLIENT :

SUN HUNG KAI
REAL ESTATE AGENCY LTD.
 42/F SUN HUNG KAI CENTRE, WINGLOH, 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 & Facade Specialist

FAÇADE CONSULTANT:

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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
- EQ1-1 -- 9mm+12mm AIR GAP+8mm THK. L.G.U.
- EQ1-2 -- 10mm THK. CLEAR TEMPERED GLASS

NO.	DATE	ISSUED FOR	REVISION
1.	21 NOV 2024	UPDATE AS 20241119 19TH GBR/HAO AMEND	CF
			BR

JOB NO. : J-856

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

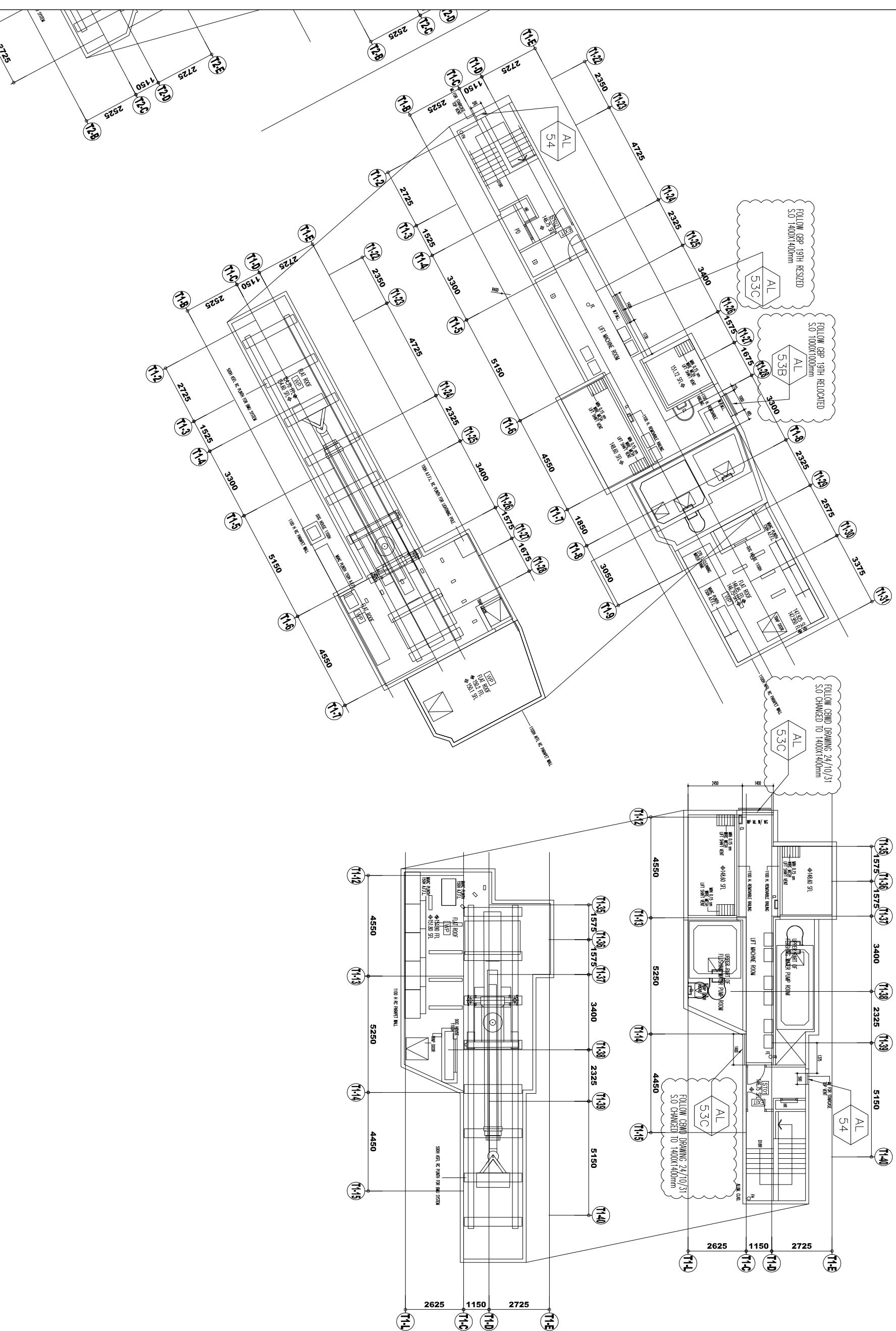
TITLE :
 PLAN FOR IN-SITU LOUVER
 AT TOWER 1 R/F

DATE : 02-Aug-21 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 Kwong Road, Kowloon
 Tel:23489211-4 Fax:(852)27277866

DWG NO. : J856-SD-LV-3108 REV. : 1



CLIENT :



42/F SUN HUNG KAI CENTRE, WINGLOH, HONGKONG

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FAÇADE CONSULTANT:



NOTE:

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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

- EQ1-1 --- 9mm+12mm AIR GAP+8mm THK. I.G.U.
- EQ1-2 --- 10mm THK. CLEAR TEMPERED GLASS

NO.	DATE	REVISION	BY

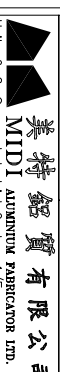
JOB NO. : J-856

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

TITLE : PLAN FOR IN-SITU LOUVER AT TOWER 3 UR/F

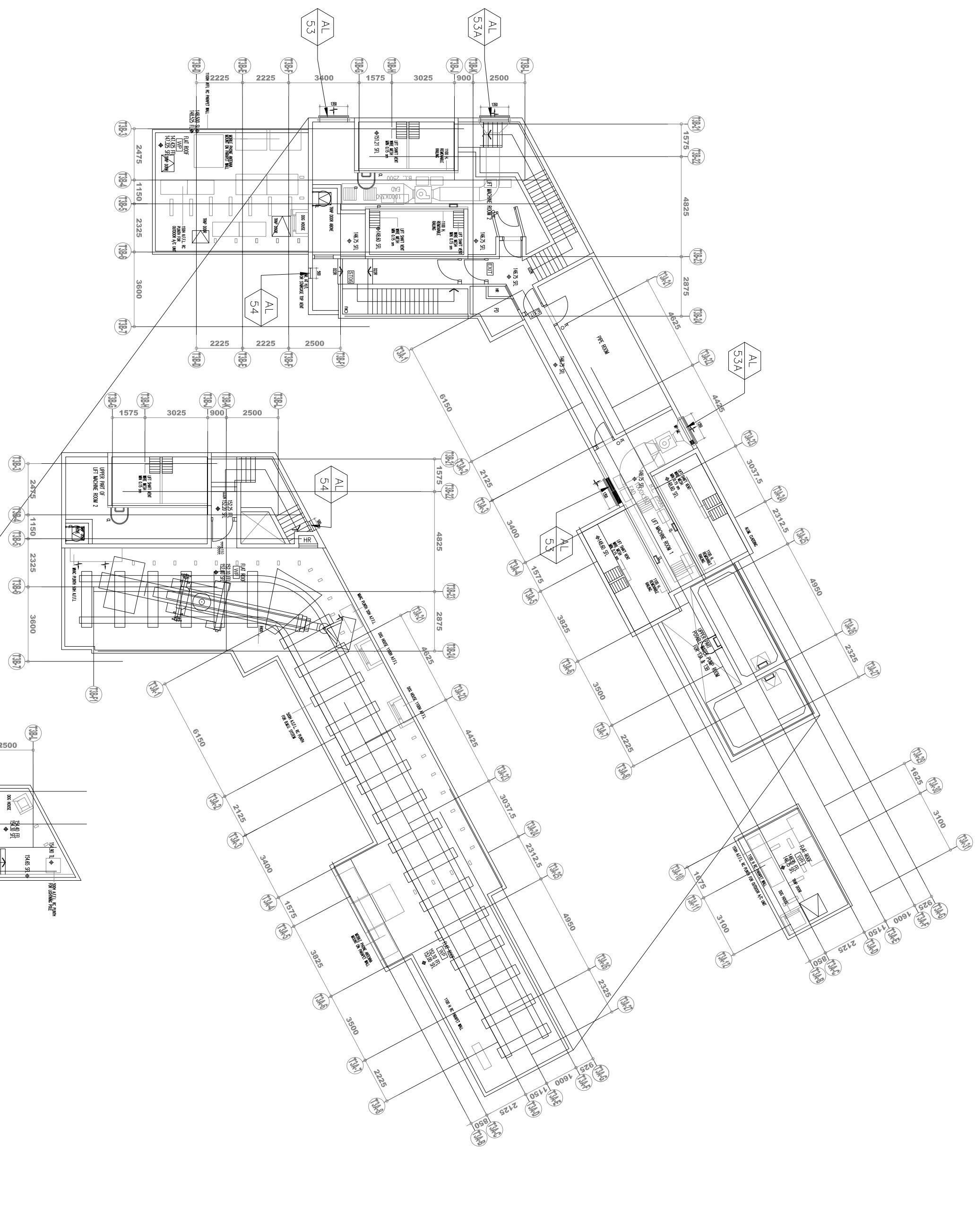
DATE : 02-Aug-21 SCALE : 1:40

DRAWN BY : Ivon CHECKED BY :

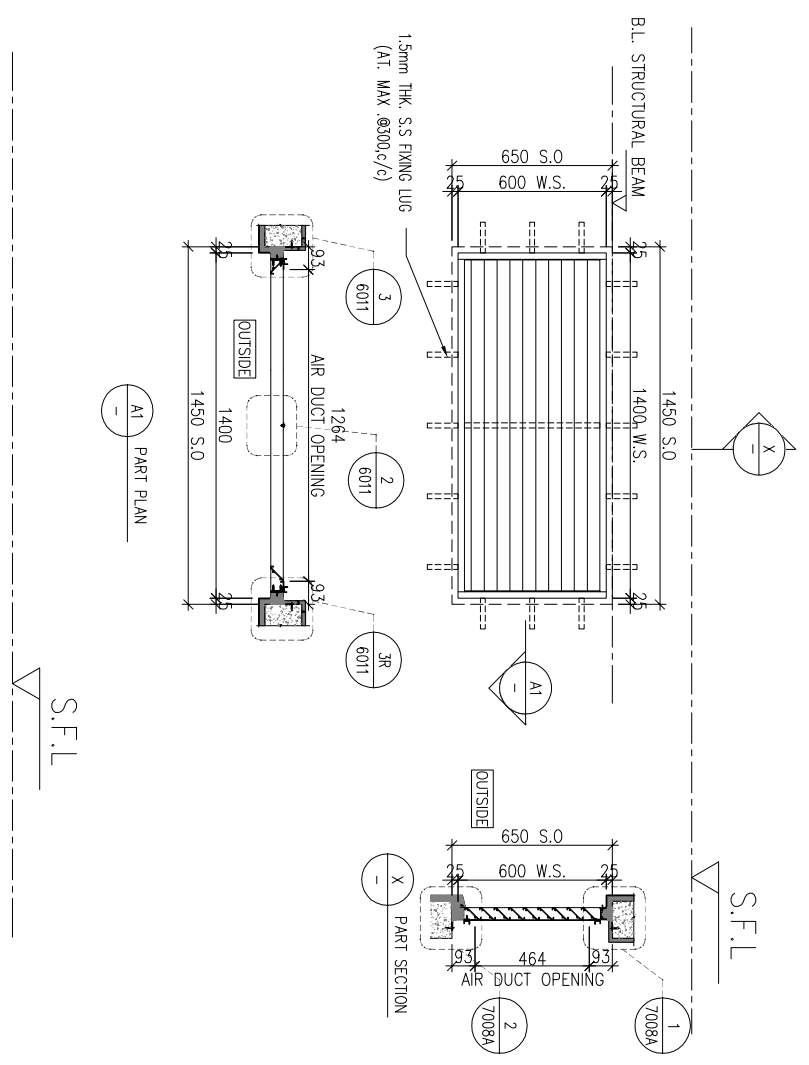


Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwong Road, Kowloon
Tel: 23489211-4 Fax: (852) 27277866

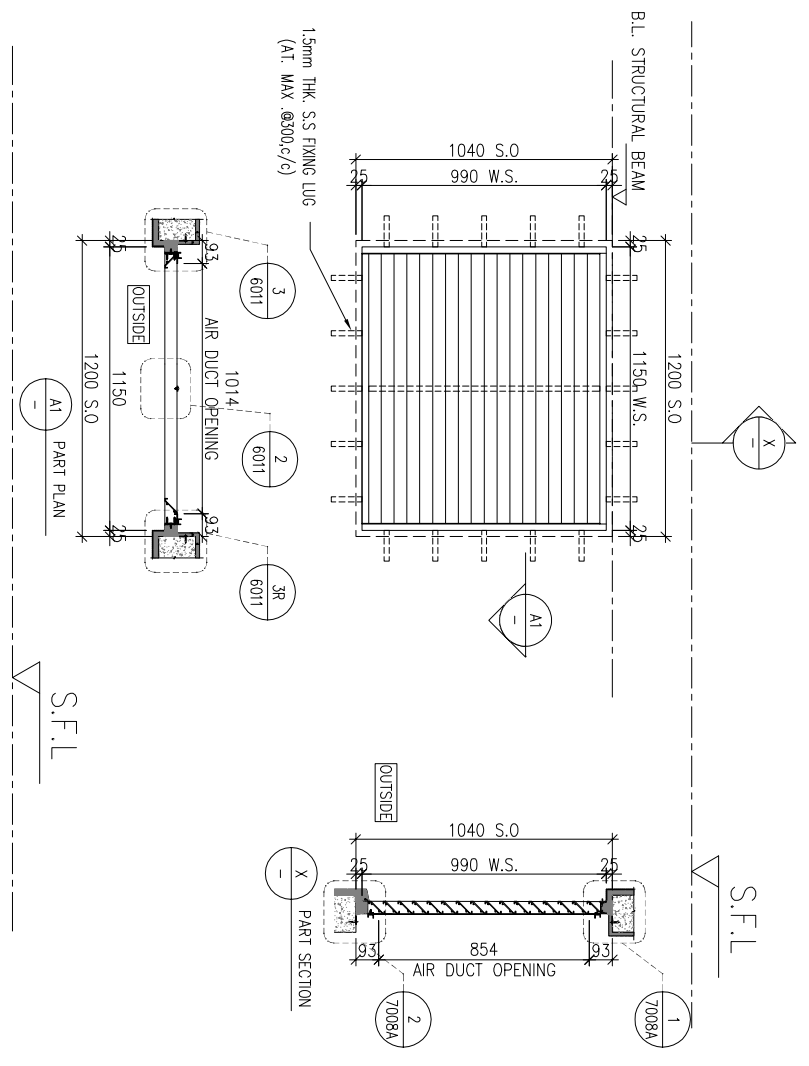
DWG NO. : J856-SD-LV-3308 REV. : AS



LOUVRE FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



NEW
LOUVRE FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



T1 FOLLOW GBP 19TH RELOCATED
CHANGE TO AL51B 1NOS.
T2 R/F: FAN ROOM FOR RS&MRR 1 NO.



WINDOW MARK	AL 51A
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE
GLAZING	COLOR CODE: LIGHT SILVER
QUANTITY	1 NOS.
REMARKS	SS WIRE MESH

T1 REVISED SIZE AS CBWD S.O. 1200X1040
T2 R/F: FAN ROOM FOR RS&MRR 1 NO.



WINDOW MARK	AL 51B
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE
GLAZING	COLOR CODE: LIGHT SILVER
QUANTITY	1 NOS.
REMARKS	SS WIRE MESH

B.O. REF :

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

ARCHITECT :
IWK&partners
A R C H I T E C T S

MAIN CONTRACTOR :
Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :
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:
 DETAIL MARK NO.
 REFER SHEET NO.

1. F.F.L.--FINISHED FLOOR LEVEL
 2. S.F.L.--STRUCTURAL FLOOR LEVEL
 3. --REVERSED DETAIL
 4. GLASS LEGEND
 EQ1--1--9mm+12mm AIR GAP+8mm THK. LG.U.
 EQ2--2--10mm THK. CLEAR TEMPERED GLASS

JOB NO. :	J-856
PROJECT :	PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP-TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.
DATE :	21 NOV 2024
NO.	DRAWN BY : ivon
REVISED	UPDATE AS 20241119 19TH GBP(HK&MO) BY
BR	REVISED

TITLE :
LOUVRE SCHEDULE FOR TOWER IN-SITU LOUVER

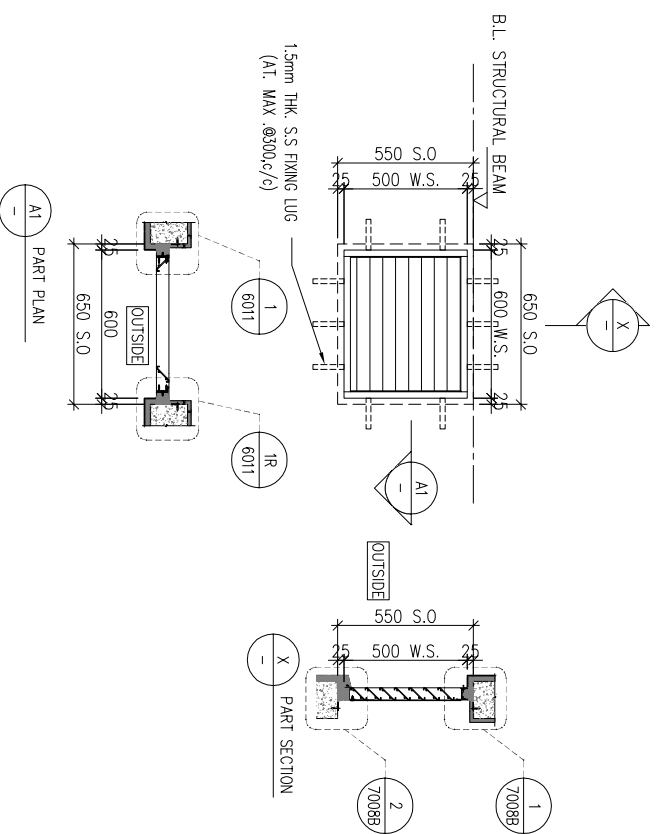
DATE : 06-Aug-21
SCALE : 1:40

DRAWN BY : ivon
CHECKED BY :

美特經貿有限公司
MIDI ALUMINUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Ona Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27277666

DWG NO. : J856-SD-LV-5001
REV. : 1

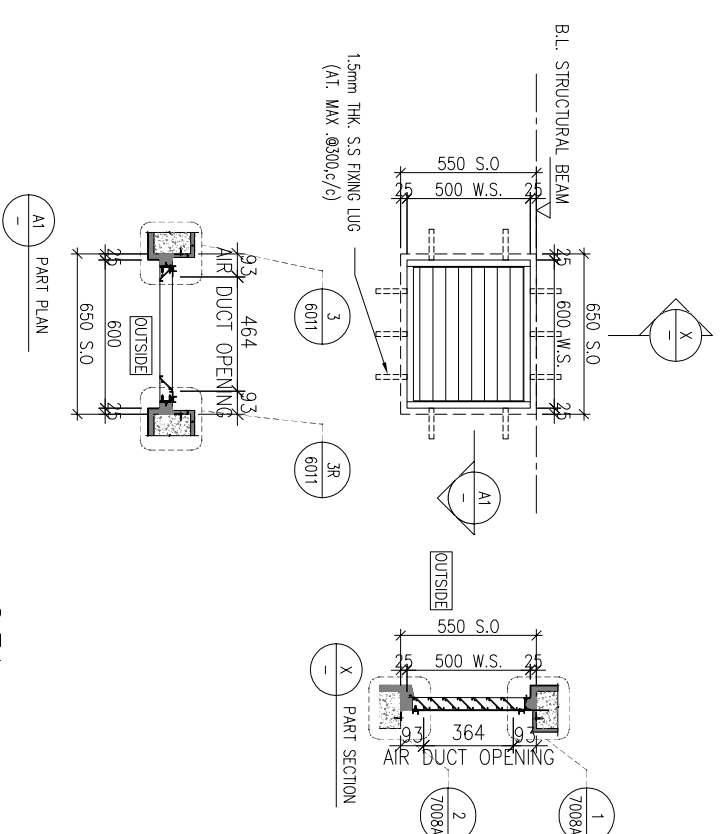
LOUVER FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



ELEVATION

S.F.L.

LOUVER FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



S.F.L.

T3	R/F POTABLE WATER PUMP ROOM FOR T3A & T3B	1 NO.
T3	R/F FLUSHING WATER PUMP ROOM FOR T3A & T3B	1 NO.

WINDOW MARK



LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE
GLAZING	COLOUR CODE: LIGHT SILVER
QUANTITY	2 NOS.
REMARKS	SS WIRE MESH

T3	R/F POTABLE WATER PUMP ROOM FOR T3A & T3B	1 NO.
----	---	-------

WINDOW MARK



LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE
GLAZING	COLOUR CODE: LIGHT SILVER
QUANTITY	1 NO.
REMARKS	SS WIRE MESH

B.O. REF :

CLIENT :

SUN HUNG KAI
REAL ESTATE AGENCY LTD.

42/F SUN HUNG KAI CENTRE, WANGCHAI, HONGKONG

ARCHITECT :

IWK&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 --- 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 -- 9mm+12mm AIR GAP+8mm THK. LG.U.
EQ-2 -- 10mm THK. CLEAR TEMPERED GLASS

NO.	DATE	REVISION

JOB NO. : J-856

PROJECT : PROPOSED DEVELOPMENT ABOVE

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

TITLE : LOUVER SCHEDULE FOR

TOWER IN-SITU LOUVER

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

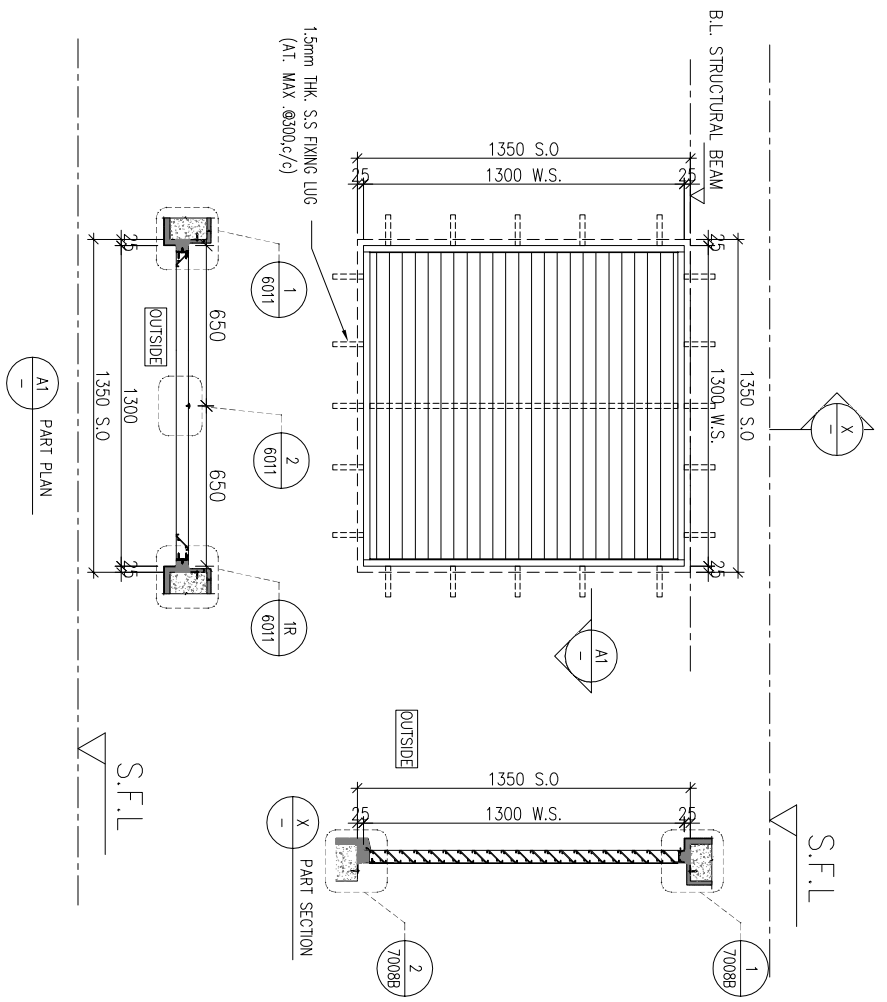
DRAWN BY : Iwon CHECKED BY :

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

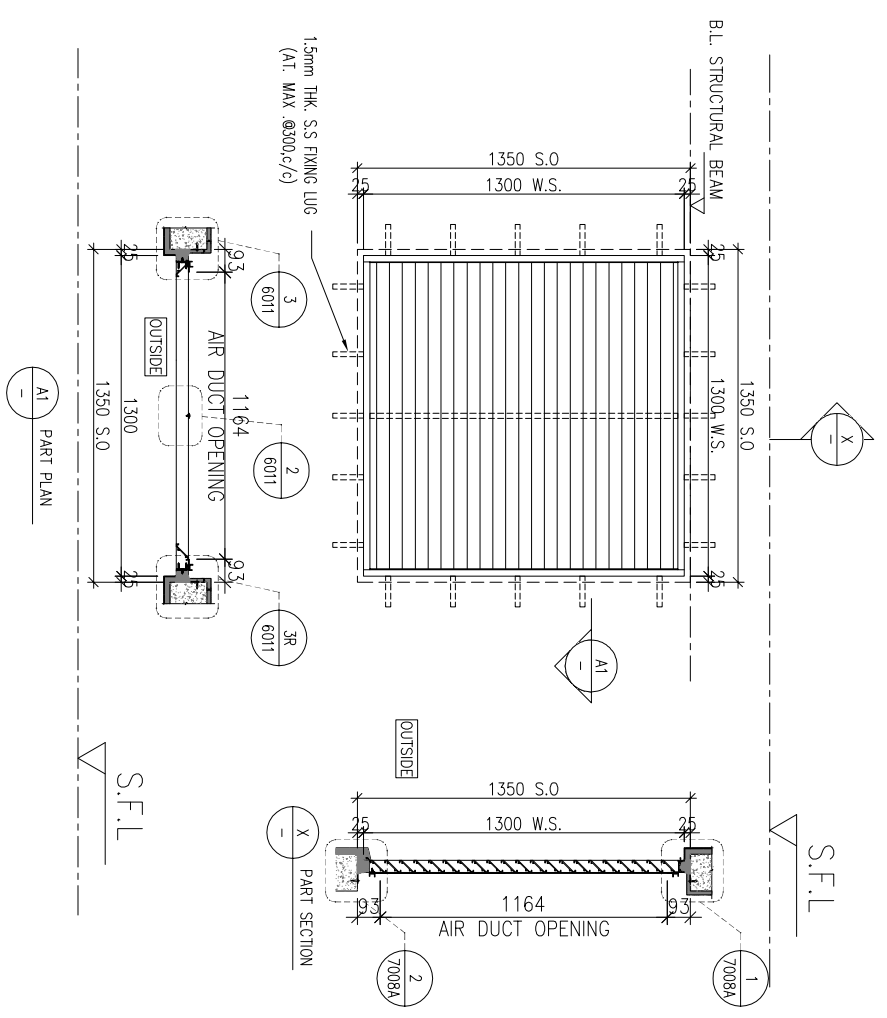
Units 6-8, Sunray Industrial Centre, 1/F
610 Ona Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27277866

DWG NO. : J856-SD-LV-5002 REV. : AS

LOUVER FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



LOUVER FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



T1		2 NOS.
T2	UR/F: LIFT MACHINE ROOM	2 NOS.
T3		2 NOS.

CHANGE TO AL53B 1Nos, AL53C 1 Nos.

T1		2 NOS.
T2	UR/F: LIFT MACHINE ROOM	2 NOS.
T3		2 NOS.

2NOS CHANGED TO AL53C

WINDOW MARK	AL 53
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE
GLAZING	COLOUR CODE: LIGHT SILVER
QUANTITY	6 NOS.
REMARKS	SS WIRE MESH

WINDOW MARK	AL 53A
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE
GLAZING	COLOUR CODE: LIGHT SILVER
QUANTITY	6 NOS.
REMARKS	SS WIRE MESH

B.O. REF :

CLIENT :



42/F SUN HUNG KAI CENTRE, WINGHAI, HONGKONG

ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



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 --- DETAIL MARK NO.
- ⊗001 --- REFER SHEET NO.

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

4. GLASS LEGEND

EQ1--1--9mm+12mm AIR GAP+8mm THK. LG.U.

EQ2--2--10mm THK. CLEAR TEMPERED GLASS

NO.	DATE	REVISION
1.	21 MAY 2024	ACCORDING 20241119 19TH GP(THAN AMEND) OF
		DONE
		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 :

LOUVER SCHEDULE FOR TOWER IN-SITU LOUVER

DATE : 06-Aug-21

SCALE : 1:40

DRAWN BY : Ivon

CHECKED BY :

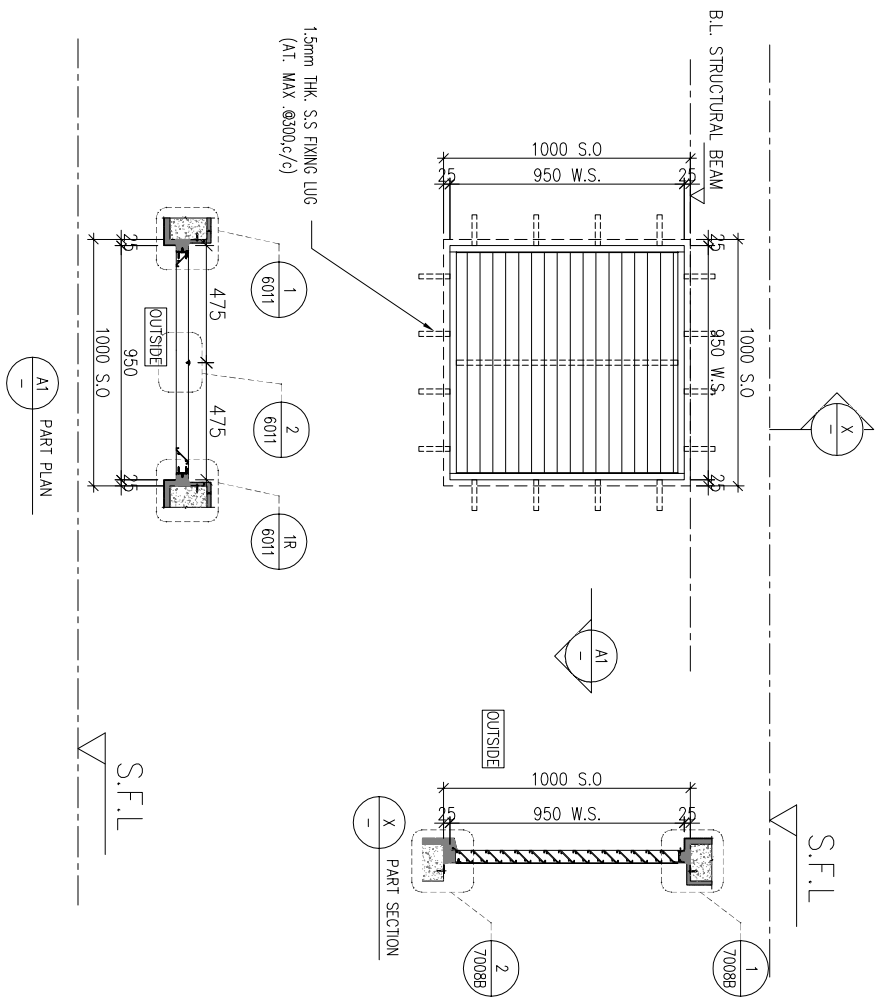


Units 6-8, Sunray Industrial Centre, 1/F
610 Ona Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27277866

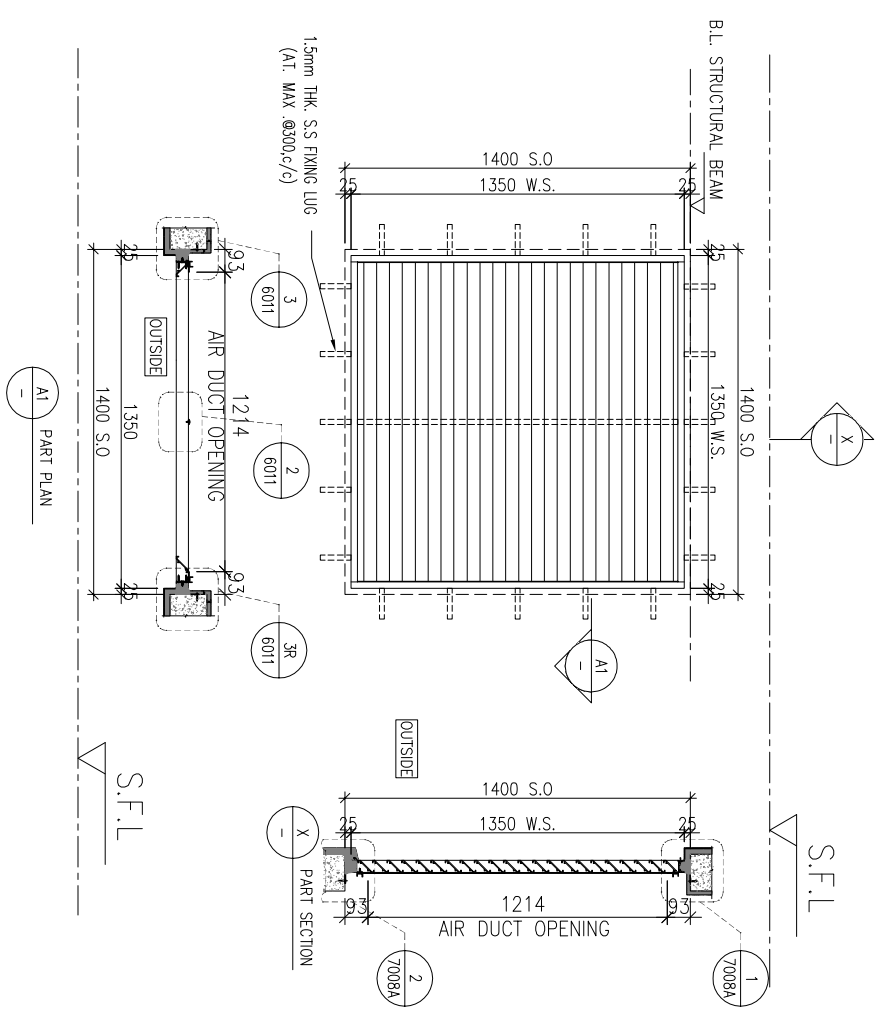
DWG NO. : J856-SD-LV-5003

REV. : 1

NEW
LOUVER FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



NEW
LOUVER FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



T1 UR/F: LIFT MACHINE ROOM 1 NOS. FOLLOW GBP 19TH RELOCATED, S.O CHANGED 1000X1000mm

T1 UR/F: LIFT MACHINE ROOM 3 NOS. FOLLOW CBWD CHANGED S.O SIZE 1400X1400mm

WINDOW MARK	AL 53B
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE COLOUR CODE: LIGHT SILVER FREE AREA: 51.6%
GLAZING	1 NOS.
QUANTITY	SS WIRE MESH
REMARKS	

WINDOW MARK	AL 53G
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE COLOUR CODE: LIGHT SILVER FREE AREA: 51.6%
GLAZING	3 NOS.
QUANTITY	SS WIRE MESH
REMARKS	

B.O. REF :

CLIENT :

SUN HUNG KAI
REAL ESTATE AGENCY LTD.
42/F SUN HUNG KAI CENTRE, WINGHAI, 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 --- DETAIL MARK NO.
⊗001 --- 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--8mm+12mm AIR GAP+8mm THK. LG.U.
EQ2--2--10mm THK. CLEAR TEMPERED GLASS

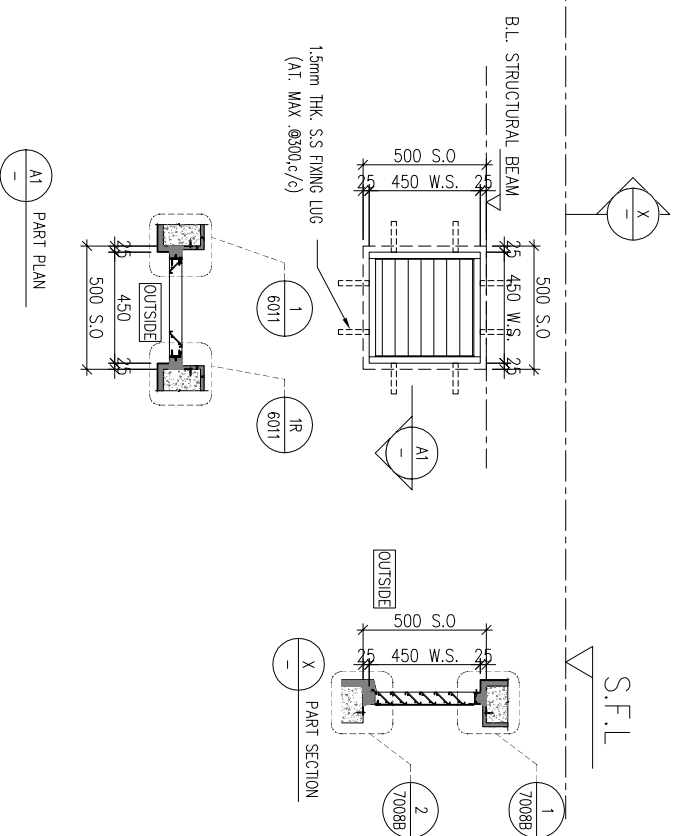
JOB NO. :	J-856
PROJECT :	PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.
DATE :	21 NOV 2024
NO. :	ACCORDING 2024/11/19 19TH GBP(HAND AMEND) 02
DATE :	REVISED
NO. :	BR

TITLE :
LOUVER SCHEDULE FOR TOWER IN-SITU LOUVER

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

美特鋁業有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Ona Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27277666
DWG NO. : J856-SD-LV-5003A REV. : -

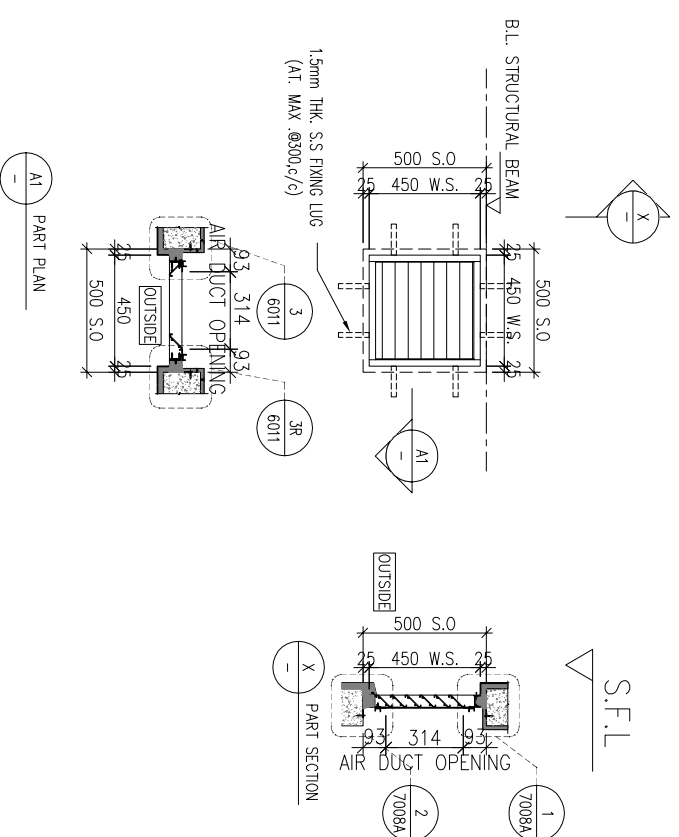
LOUVER FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



ELEVATION

S.F.L.

LOUVER FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



S.F.L.

T1	R/F: FLUSHING WATER PUMP ROOM	2 NOS.
	R/F: POTABLE WATER PUMP ROOM	2 NOS.
	UR/F: FOR STARCASE TOP VENT(ST01)	1 NO.
	UR/F: FOR STARCASE TOP VENT(ST02)	1 NO.
T2	R/F: FLUSHING WATER PUMP ROOM	1 NO.
	R/F: POTABLE WATER PUMP ROOM	1 NO.
	UR/F: FOR STARCASE TOP VENT(ST03)	1 NO.
	UR/F: FOR STARCASE TOP VENT(ST04)	1 NO.
	R/F: FOR STARCASE TOP VENT(ST07)	1 NO.
	R/F: FOR STARCASE TOP VENT(ST05)	1 NO.
T3	UR/F: FOR STARCASE TOP VENT(ST06)	1 NO.
	UR/F: STARCASE TOP VENT AT LIFT MACHINE ROOM 2	1 NO.



WINDOW MARK	AL 54
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE COLOUR CODE: LIGHT SILVER FREE AREA: 51.6%
GLAZING	ALUM. LOUVER BLADE COLOUR CODE: LIGHT SILVER FREE AREA: 51.6%
QUANTITY	14 NOS. (UCT309119XLB-3)
REMARKS	SS WIRE MESH

WINDOW MARK	AL 54A
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE COLOUR CODE: LIGHT SILVER FREE AREA: 51.6%
GLAZING	ALUM. LOUVER BLADE COLOUR CODE: LIGHT SILVER FREE AREA: 51.6%
QUANTITY	2 NOS. (UCT309119XLB-3)
REMARKS	SS WIRE MESH

T2	R/F: FLUSHING WATER PUMP ROOM	1 NO.
	R/F: POTABLE WATER PUMP ROOM	1 NO.

B.O. REF :

CLIENT :

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

ARCHITECT :

Iwk&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—DETAIL MARK NO.
- ⊗001—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--8mm+12mm AIR GAP+8mm THK. LG.U.
EQ-2--10mm THK. CLEAR TEMPERED 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.

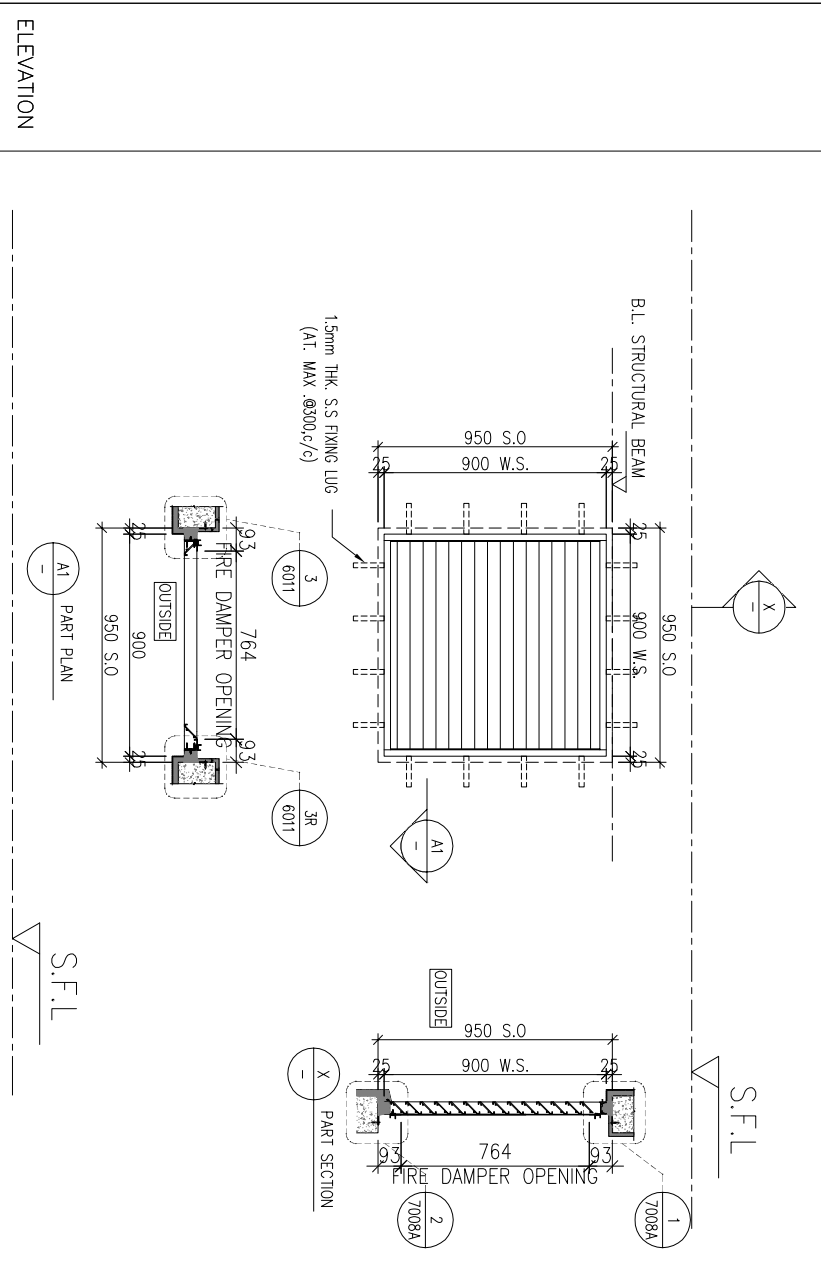
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DATE : 06-Aug-21 SCALE : 1:40

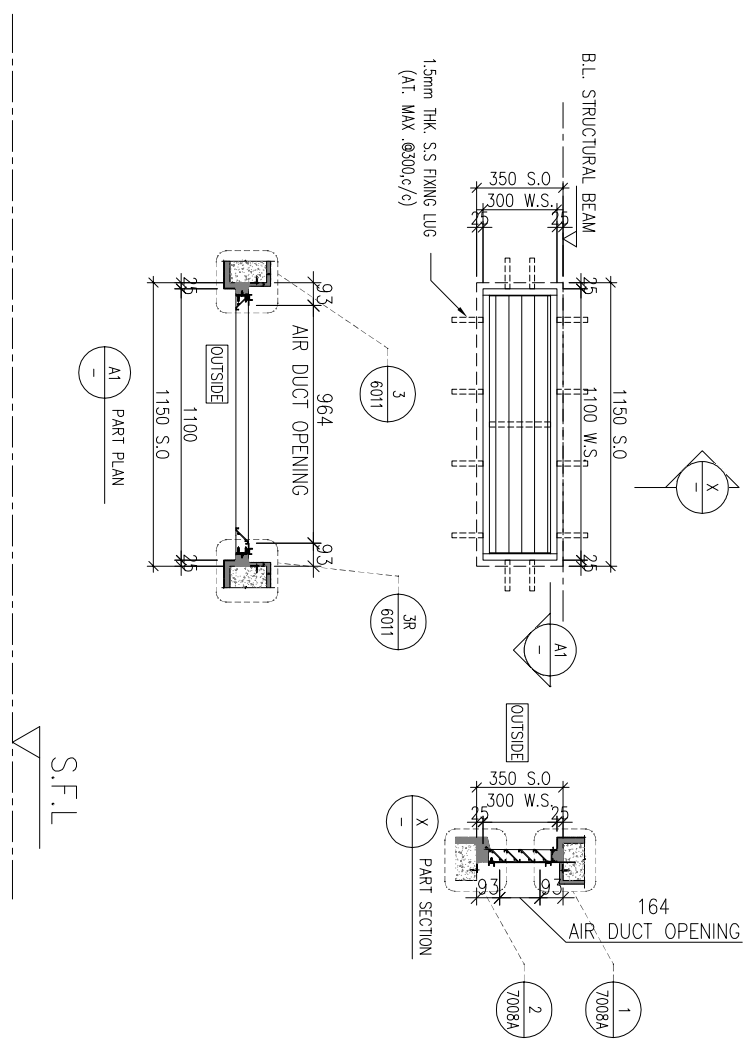
DRAWN BY : Ivon CHECKED BY :

MIDI 美特鋁寶有限公司
ALUMINUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Ona Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27277866
DWG NO. : J856-SD-LV-5004 REV. : AS

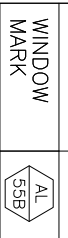
LOUVRE FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



LOUVRE FREE AREA:
19.1/37 x 100% = 51.6%
refer to DWG 7008A/7008B



T3 R/F: FAN ROOM FOR RS & MRR 2 NOS.



WINDOW MARK	AL 55B
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE COLOUR CODE: LIGHT SILVER FREE AREA: 51.6%
GLAZING	2 NOS.
QUANTITY	SS WIRE MESH (UCT309119XLB-3)
REMARKS	

T3 R/F: LIFT LOBBY 1 NO.



WINDOW MARK	AL 56
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE COLOUR CODE: LIGHT SILVER FREE AREA: 51.6%
GLAZING	1 NO.
QUANTITY	SS WIRE MESH (UCT309119XLB-3)
REMARKS	

B.O. REF :

CLIENT :



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 --- DETAIL MARK NO.
- ⊗001 --- REFER SHEET NO.

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

4. GLASS LEGEND
- EQ1-1 --- 9mm+12mm AIR GAP+8mm THK. LG.U.
- EQ-2 --- 10mm THK. CLEAR TEMPERED 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 :

LOUVER SCHEDULE FOR TOWER IN-SITU LOUVER

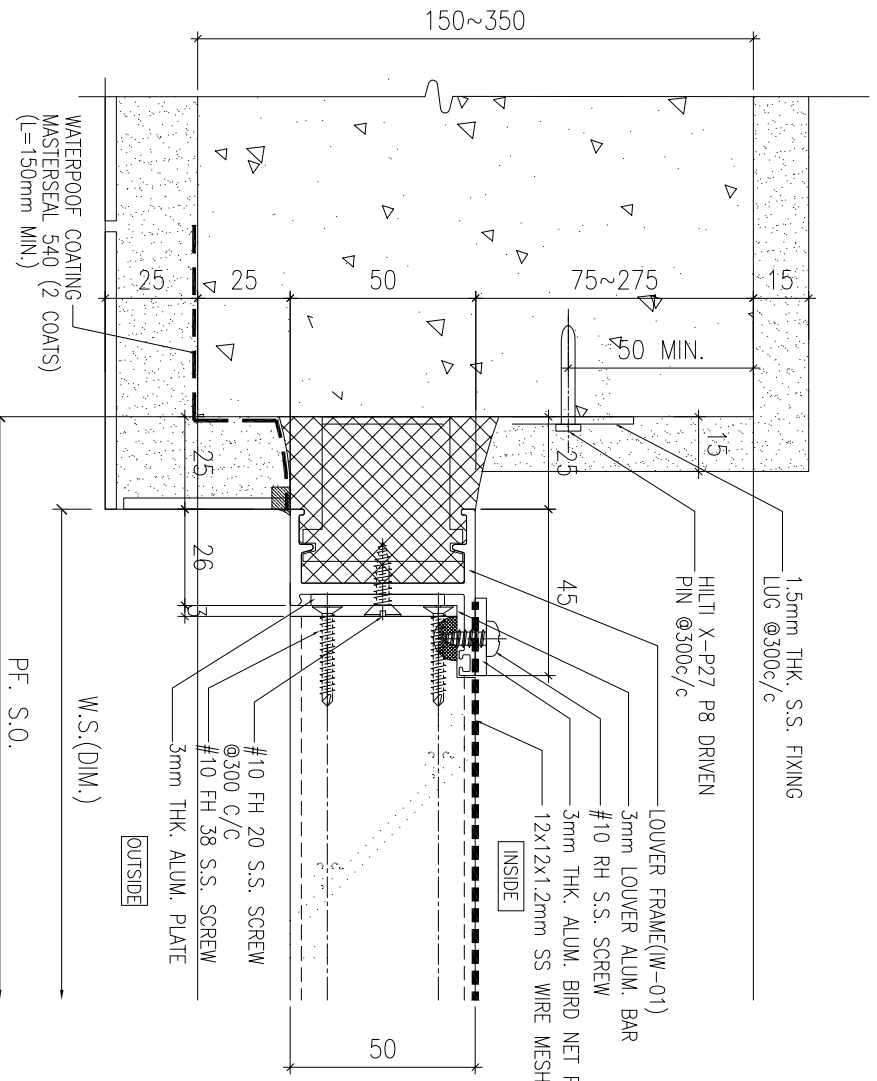
DATE : 06-Aug-21 SCALE : 1:40

DRAWN BY : Ivon CHECKED BY :

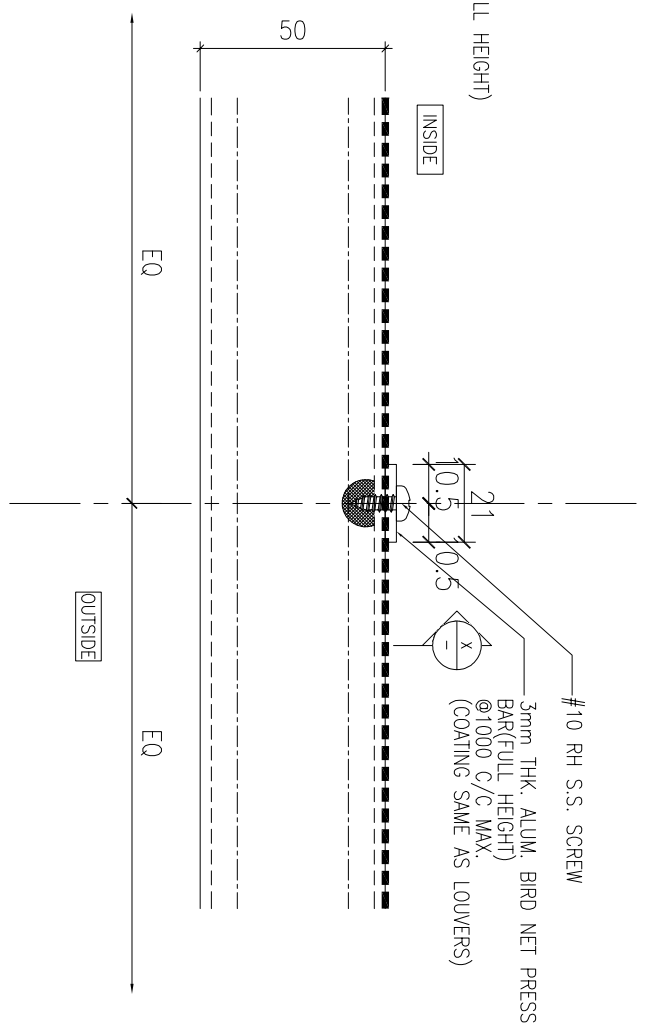


Units 6-8, Sunray Industrial Centre, 1/F
610 Ona Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27277866

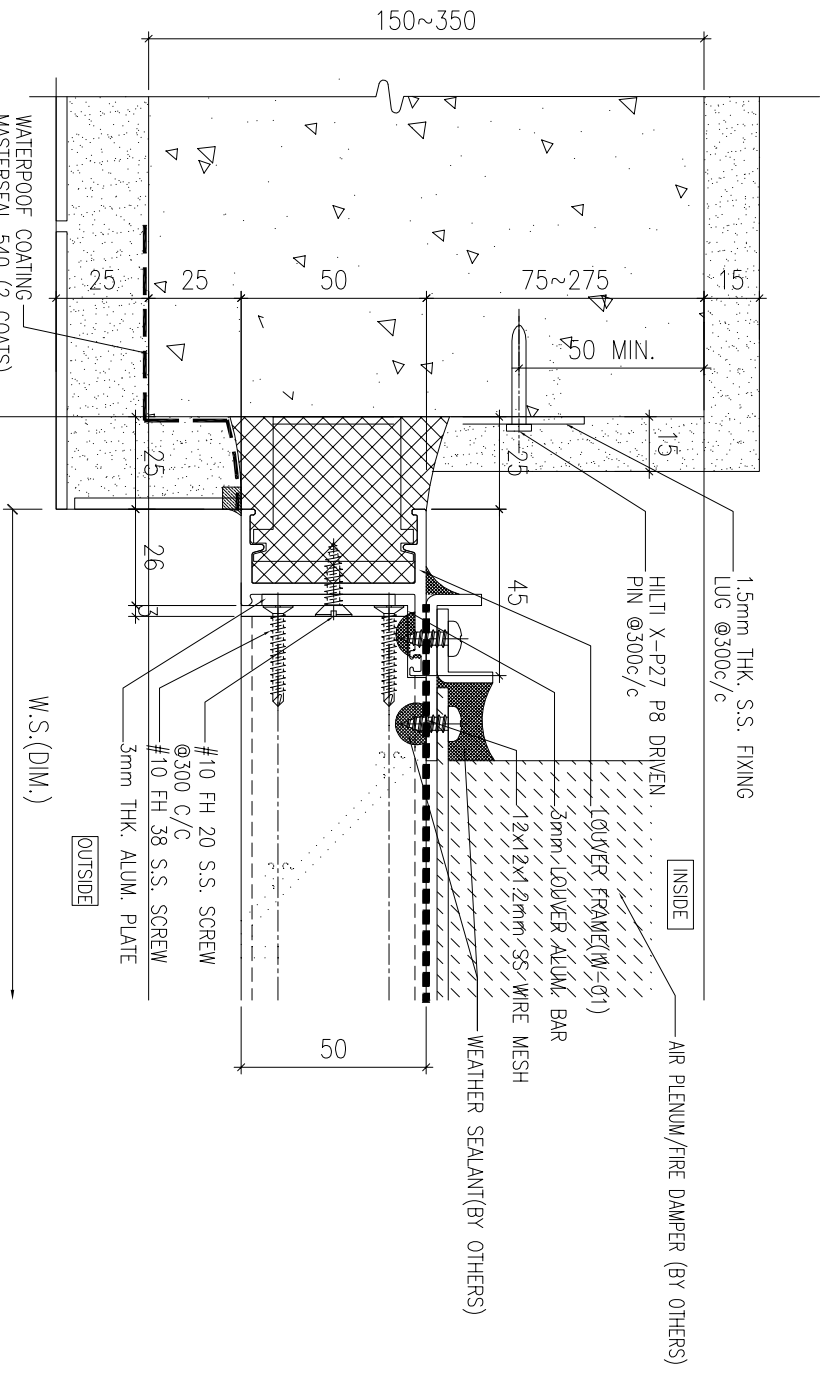
DWG NO. : J856-SD-LV-5005 REV. : AS



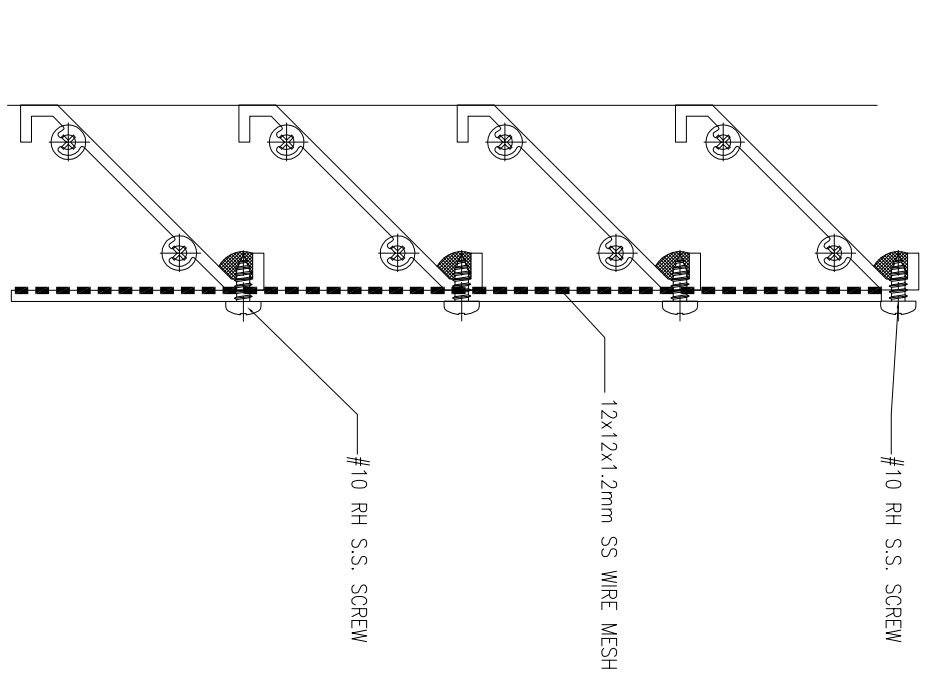
1 HORIZONTAL DETAIL
SCALE 1:2



2 HORIZONTAL DETAIL
SCALE 1:2



3 HORIZONTAL DETAIL
SCALE 1:2



X MESH CONNECT DETAIL
SCALE 1:2

B.O. REF :

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

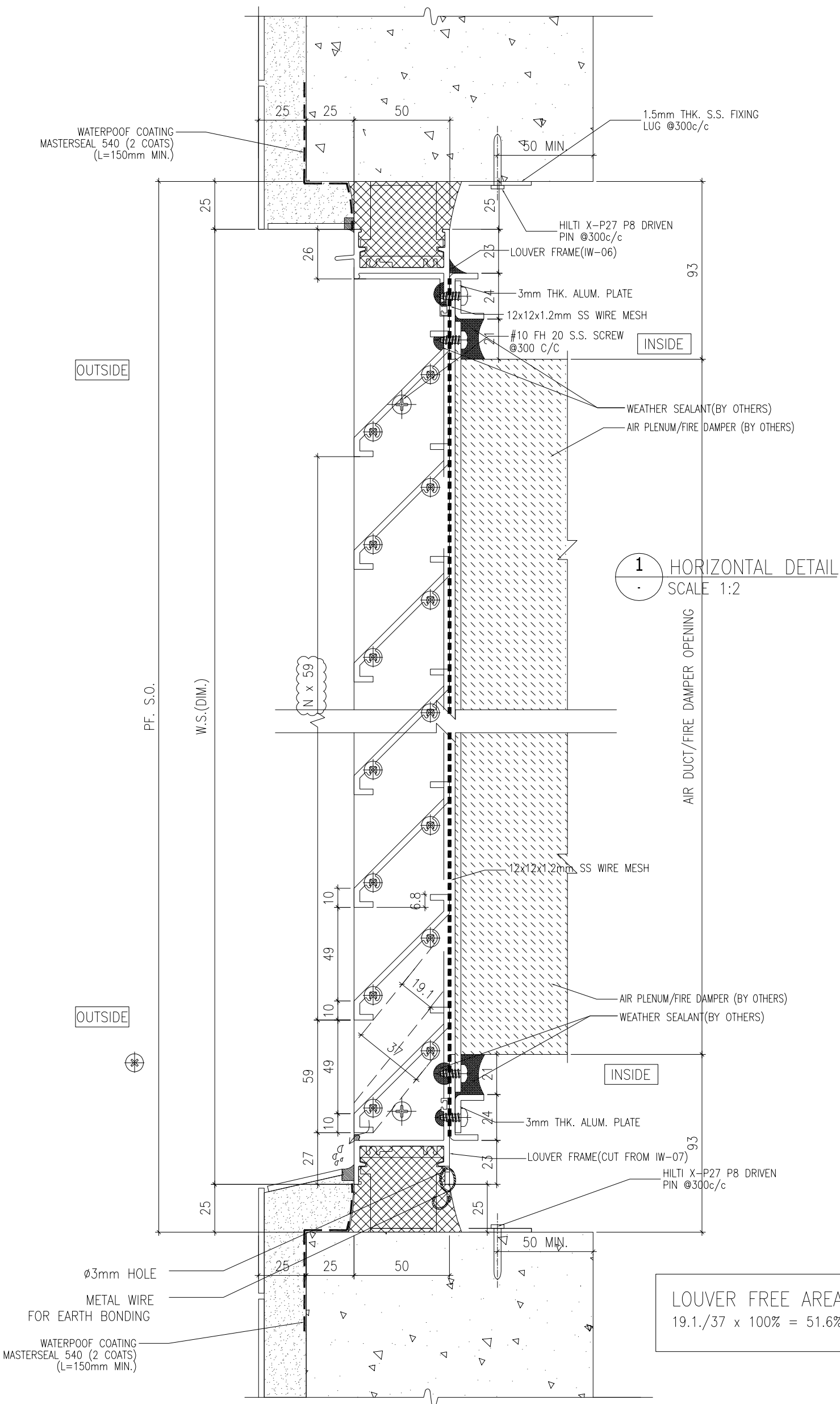
NOTE:
 1. ALL DIMENSIONS ARE IN mm.
 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

LEGEND:
 (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 — 9mm+12mm AIR GAP+8mm THK. LG.U.
 EQ-2 — 10mm THK. CLEAR TEMPERED 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 : TYPICAL DETAILS FOR IN-SITU LOUVER

DATE : 20-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 Ono Kwong Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27277866
 DWG NO. : J856-SD-LV-6011 REV. : AS



1 HORIZONTAL DETAIL
SCALE 1:2

2 HORIZONTAL DETAIL
SCALE 1:2

LOUVER FREE AREA:
 $19.1/37 \times 100\% = 51.6\%$

B.O. REF :

CLIENT :

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

ARCHITECT :

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

EQ.-1 -- 9mm+12mm AIR GAP+8mm THK. 1.6.U.
EQ.-2 -- 10mm THK. CLEAR TEMPERED 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 : TYPICAL DETAILS FOR IN-SITU LOUVER

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

DRAWN BY : Iwon CHECKED BY :

MIDI 美特鋁質有限公司
ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Ona Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27277866
DWG NO. : J856-SD-LV-7008A REV. : AS

CLIENT :

SUN HUNG KAI
REAL ESTATE AGENCY LTD.

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

ARCHITECT :

hw&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

EQ1-1 — 9mm+12mm AIR GAP+8mm THK. I.G.U.
EQ1-2 — 10mm THK. CLEAR TEMPERED 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 : TYPICAL DETAILS FOR IN-SITU LOUVER

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

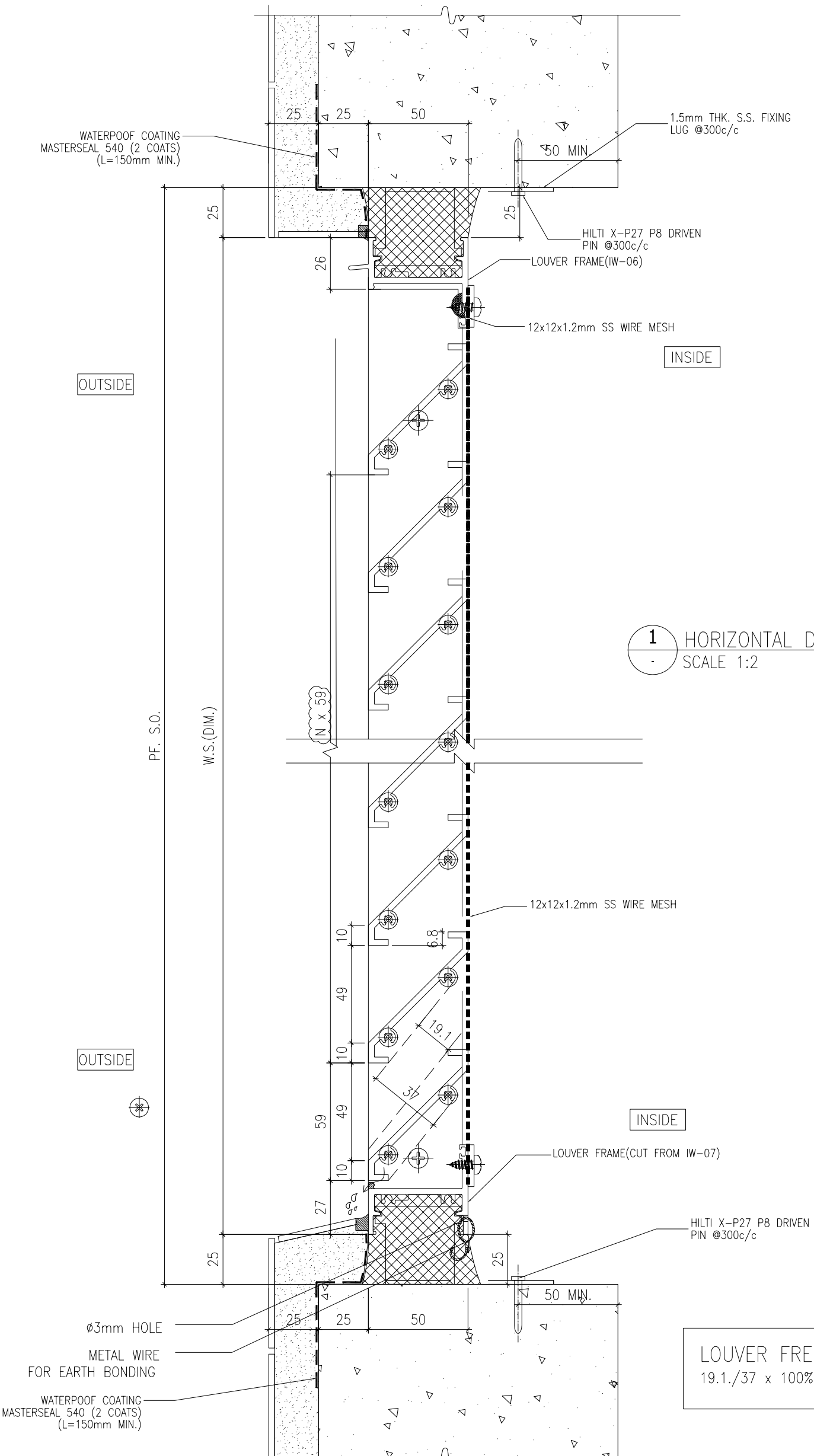
DRAWN BY : Ivon CHECKED BY :

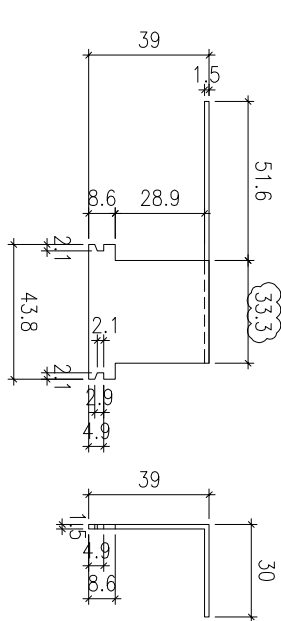
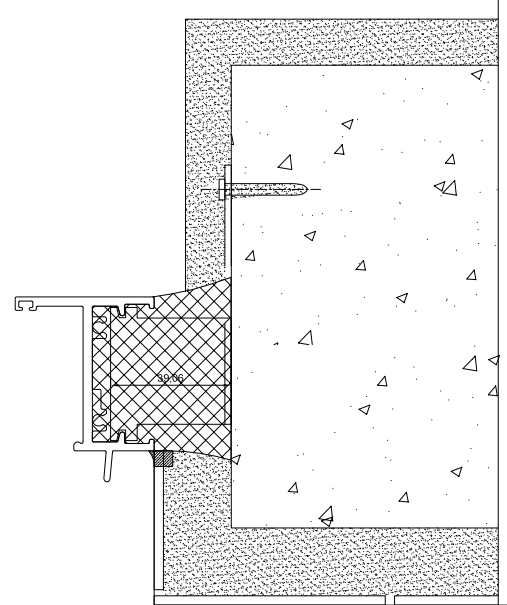
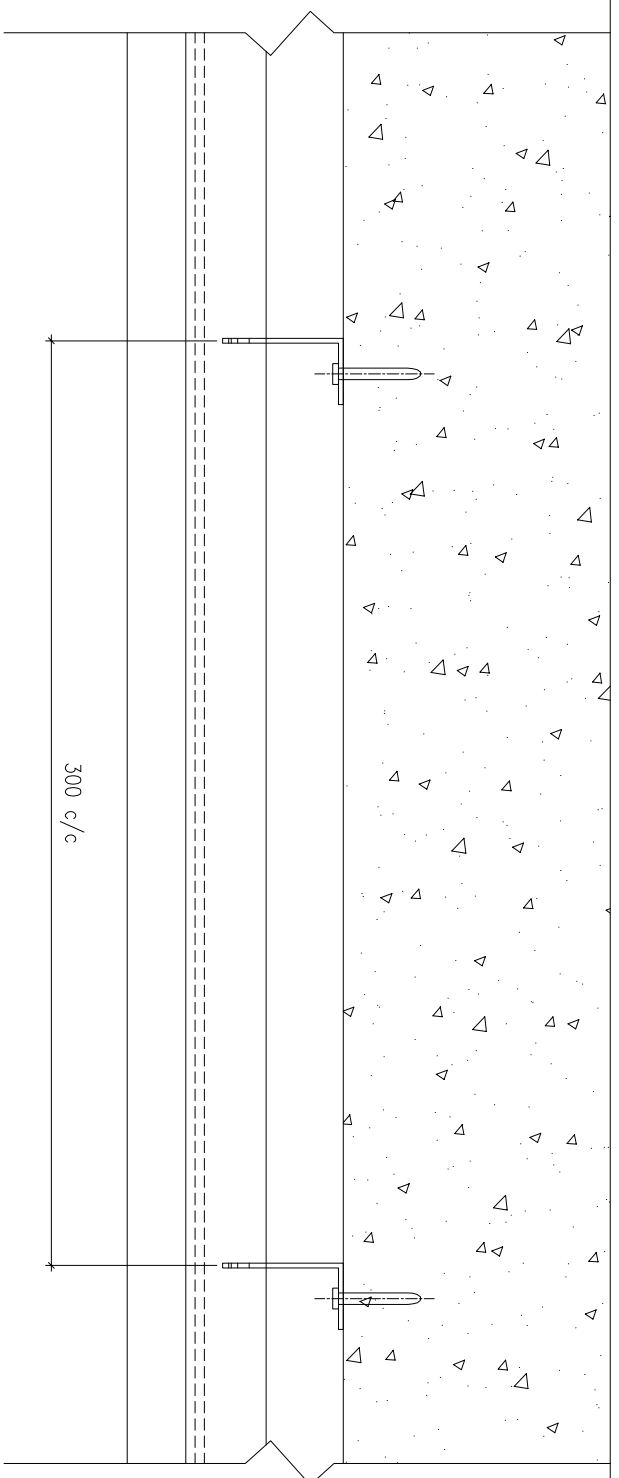
MIDI 美特鋁質有限公司
ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Ona Kwong Road, Kowloon
Tel: 23489211-4 Fax: (852) 27277866
DWG NO. : J856-SD-LV-7008B REV. : AS

1 HORIZONTAL DETAIL
SCALE 1:2

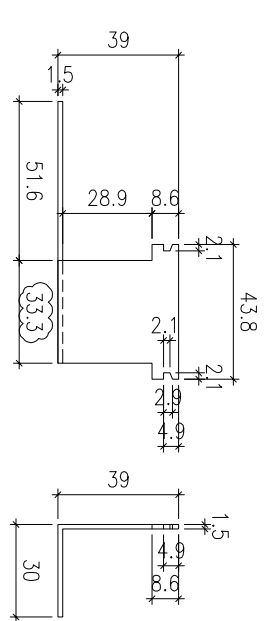
2 HORIZONTAL DETAIL
SCALE 1:2

LOUVER FREE AREA:
 $19.1/37 \times 100\% = 51.6\%$

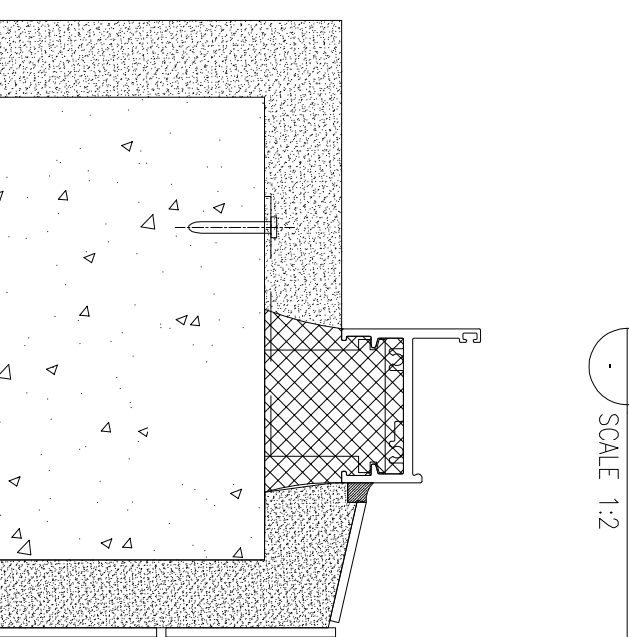
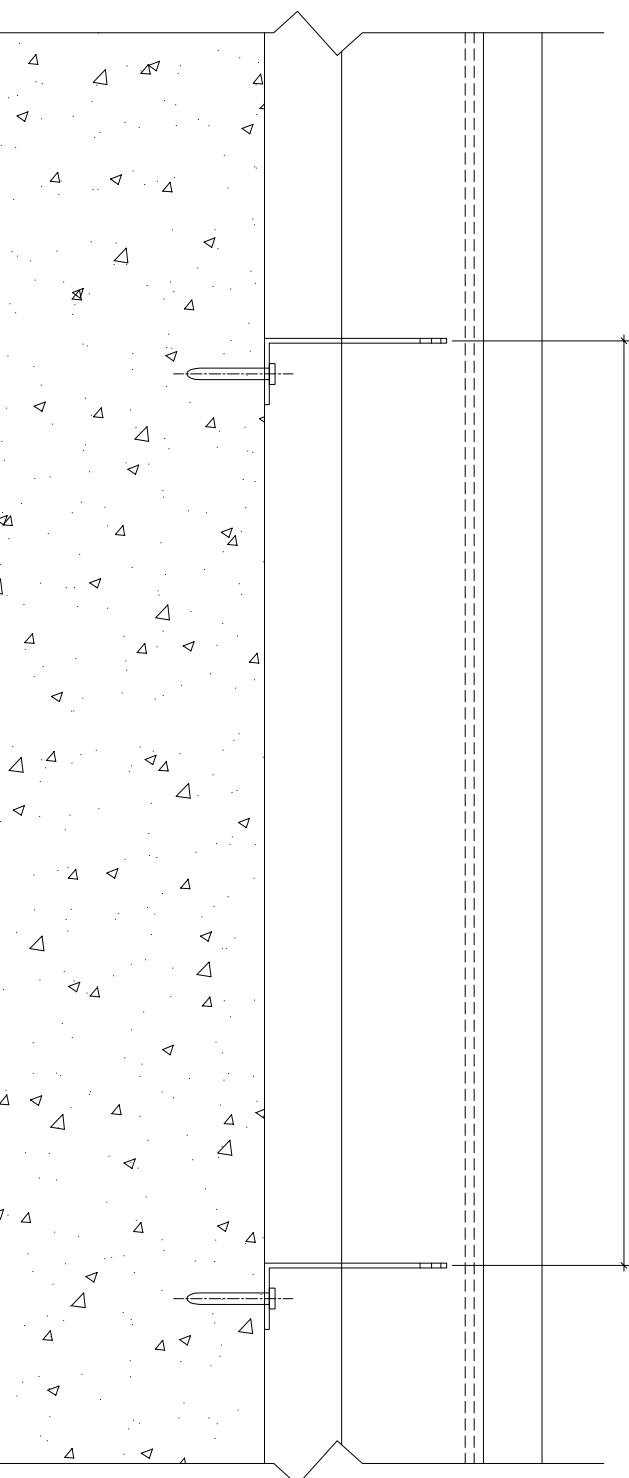




1 HORIZONTAL DETAIL
SCALE 1:2



1 HORIZONTAL DETAIL
SCALE 1:2



B.O. REF :

CLIENT :

SUN HUNG KAI
REAL ESTATE AGENCY LTD.
42/F SUN HUNG KAI CENTRE, WANGCHAI, 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 :

- ⊗11 --- DETAIL MARK NO.
- ⊗001 --- REFER SHEET NO.

1. F.F.L.--FINISHED FLOOR LEVEL
2. S.F.L.--STRUCTURAL FLOOR LEVEL
3. ⊗ --- REVERSED DETAIL
4. GLASS LEGEND
EQ1-1---6mm+12mm AIR GAP+8mm THK. LG.U.
EQ1-2---10mm THK. CLEAR TEMPERED 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 :
G.M.S FIXING LUG TYPICAL DETAIL
FOR IN-SITU LOUVER

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

DRAWN BY : Ivon CHECKED BY :

美特經貿有限公司
MIDI Aluminium Fabricator Ltd.
Units 6-8, Sunray Industrial Centre, 1/F
610 Ono Kwong Road, Kowloon
Tel:23489211-4 Fax:(852)2727866
DWG NO. : J856-SD-LV-7009 REV. : AS