



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

工程指示編號:	EI- 8688	修改版本:	-
	HK- 0004		
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:	10th Shop Drawing for Insitu Louver at Tower 拆圖用	日期:	02/01/2025

<input checked="" type="checkbox"/> 原合約工程包	<input type="checkbox"/> 原合約工程加 / 減賬 QT-	<input type="checkbox"/> 新工程報價 QT-
--	--	------------------------------------

信件批核號碼/圖紙參考編號:	批核模具圖紙編號:
客戶指示附件:	管理內部批簽署:

<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:	10th Shop Drawing for Insitu Louver at Tower 拆圖用
	請根據附件圖紙提供拆圖 及 廠用/地盤用配件列表.
完成上列要求日期:	07/01/2025

國內

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

10

10th SHOPDRAWING FOR IN-SITU LOUVER OF TOWER

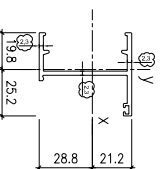
DATE: 19-DEC-24

 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

PROPERTIES

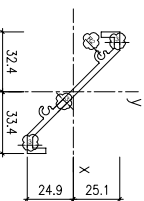
MEMBER : IW-01
GRADE : 6063-T6
FINISH : PVF2 3-COATING



MASS PROPERTIES (UNIT)		VALUES
Area (mm ²) :	(mm ²)	344.3
Perimeter (mm) :	(mm)	240.77
Radius of Gyration X (mm) :	(mm)	-24.76 to 24.76
Radius of Gyration Y (mm) :	(mm)	-18.78 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
Moment of inertia Z (mm ⁴) :	(mm ⁴)	113494.5
Radius of gyration X (mm) :	(mm)	18.43
Radius of gyration Y (mm) :	(mm)	18.43
Radius of gyration Z (mm) :	(mm)	18.43
Principal moment along X-Y (mm ⁴) :	(mm ⁴)	214071.8 along [13.18 -43.33]
Principal moment along X-Z (mm ⁴) :	(mm ⁴)	113494.5 along [0.13 0.98]
Principal moment along Y-Z (mm ⁴) :	(mm ⁴)	113494.5 along [0.13 0.98]
Stress Modulus X (mm ³) :	(mm ³)	1 / I _{xx} = 8.69E-06
Stress Modulus Y (mm ³) :	(mm ³)	1 / I _{yy} = 8.69E-06
Stress Modulus Z (mm ³) :	(mm ³)	1 / I _{zz} = 8.69E-06

PROPERTIES

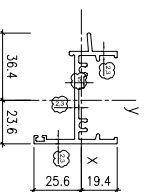
MEMBER : IW-03
GRADE : 6063-T6
FINISH : PVF2 3-COATING



MASS PROPERTIES (UNIT)		VALUES
Area (mm ²) :	(mm ²)	330.84
Perimeter (mm) :	(mm)	232.46
Radius of Gyration X (mm) :	(mm)	-24.83 to 24.83
Radius of Gyration Y (mm) :	(mm)	-24.83 to 24.83
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)	51122.07
Moment of inertia Z (mm ⁴) :	(mm ⁴)	14239.54
Radius of gyration X (mm) :	(mm)	18.52
Radius of gyration Y (mm) :	(mm)	16.52
Radius of gyration Z (mm) :	(mm)	10.22
Principal moment along X-Y (mm ⁴) :	(mm ⁴)	218877.8 along [13.17 -43.64]
Principal moment along X-Z (mm ⁴) :	(mm ⁴)	14239.54 along [0.13 0.97]
Principal moment along Y-Z (mm ⁴) :	(mm ⁴)	14239.54 along [0.13 0.97]
Stress Modulus X (mm ³) :	(mm ³)	1 / I _{xx} = 3.08E-05
Stress Modulus Y (mm ³) :	(mm ³)	1 / I _{yy} = 3.08E-05
Stress Modulus Z (mm ³) :	(mm ³)	1 / I _{zz} = 7.03E-05

PROPERTIES

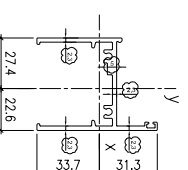
MEMBER : IW-06
GRADE : 6063-T6
FINISH : PVF2 3-COATING



MASS PROPERTIES (UNIT)		VALUES
Area (mm ²) :	(mm ²)	413.73
Perimeter (mm) :	(mm)	257.75
Radius of Gyration X (mm) :	(mm)	-26.38 to 26.38
Radius of Gyration Y (mm) :	(mm)	-26.38 to 26.38
Centroid X (mm) :	(mm)	0.00
Centroid Y (mm) :	(mm)	0.00
Moment of inertia X (mm ⁴) :	(mm ⁴)	14239.54
Moment of inertia Y (mm ⁴) :	(mm ⁴)	14239.54
Moment of inertia Z (mm ⁴) :	(mm ⁴)	23200.96
Radius of gyration X (mm) :	(mm)	18.52
Radius of gyration Y (mm) :	(mm)	18.52
Radius of gyration Z (mm) :	(mm)	15.43
Principal moment along X-Y (mm ⁴) :	(mm ⁴)	14239.54 along [45.37 -33.37]
Principal moment along X-Z (mm ⁴) :	(mm ⁴)	14239.54 along [0.13 0.98]
Principal moment along Y-Z (mm ⁴) :	(mm ⁴)	14239.54 along [0.13 0.98]
Stress Modulus X (mm ³) :	(mm ³)	1 / I _{xx} = 1.41E-05
Stress Modulus Y (mm ³) :	(mm ³)	1 / I _{yy} = 1.41E-05
Stress Modulus Z (mm ³) :	(mm ³)	1 / I _{zz} = 4.30E-05

PROPERTIES

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



MASS PROPERTIES (UNIT)		VALUES
Area (mm ²) :	(mm ²)	493.03
Perimeter (mm) :	(mm)	371.75
Radius of Gyration X (mm) :	(mm)	-31.68 to 31.68
Radius of Gyration Y (mm) :	(mm)	-31.68 to 31.68
Centroid X (mm) :	(mm)	0.00
Centroid Y (mm) :	(mm)	0.00
Moment of inertia X (mm ⁴) :	(mm ⁴)	106944.11
Moment of inertia Y (mm ⁴) :	(mm ⁴)	199417.02
Moment of inertia Z (mm ⁴) :	(mm ⁴)	14239.54
Radius of gyration X (mm) :	(mm)	18.43
Radius of gyration Y (mm) :	(mm)	21.67
Radius of gyration Z (mm) :	(mm)	11.67
Principal moment along X-Y (mm ⁴) :	(mm ⁴)	206893.61 along [13.17 -43.33]
Principal moment along X-Z (mm ⁴) :	(mm ⁴)	14239.54 along [0.13 0.97]
Principal moment along Y-Z (mm ⁴) :	(mm ⁴)	14239.54 along [0.13 0.97]
Stress Modulus X (mm ³) :	(mm ³)	1 / I _{xx} = 9.48E-06
Stress Modulus Y (mm ³) :	(mm ³)	1 / I _{yy} = 5.00E-06
Stress Modulus Z (mm ³) :	(mm ³)	1 / I _{zz} = 6.98E-06

B.O. REF :

CLIENT :



42/F SUN HUNG KAI CENTRE, WANGCHAI, HONGKONG

ARCHITECT :



MAIN CONTRACTOR :

STRUCTURAL ENGINEER :



Yee Fai Building Contractors Ltd.

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--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.

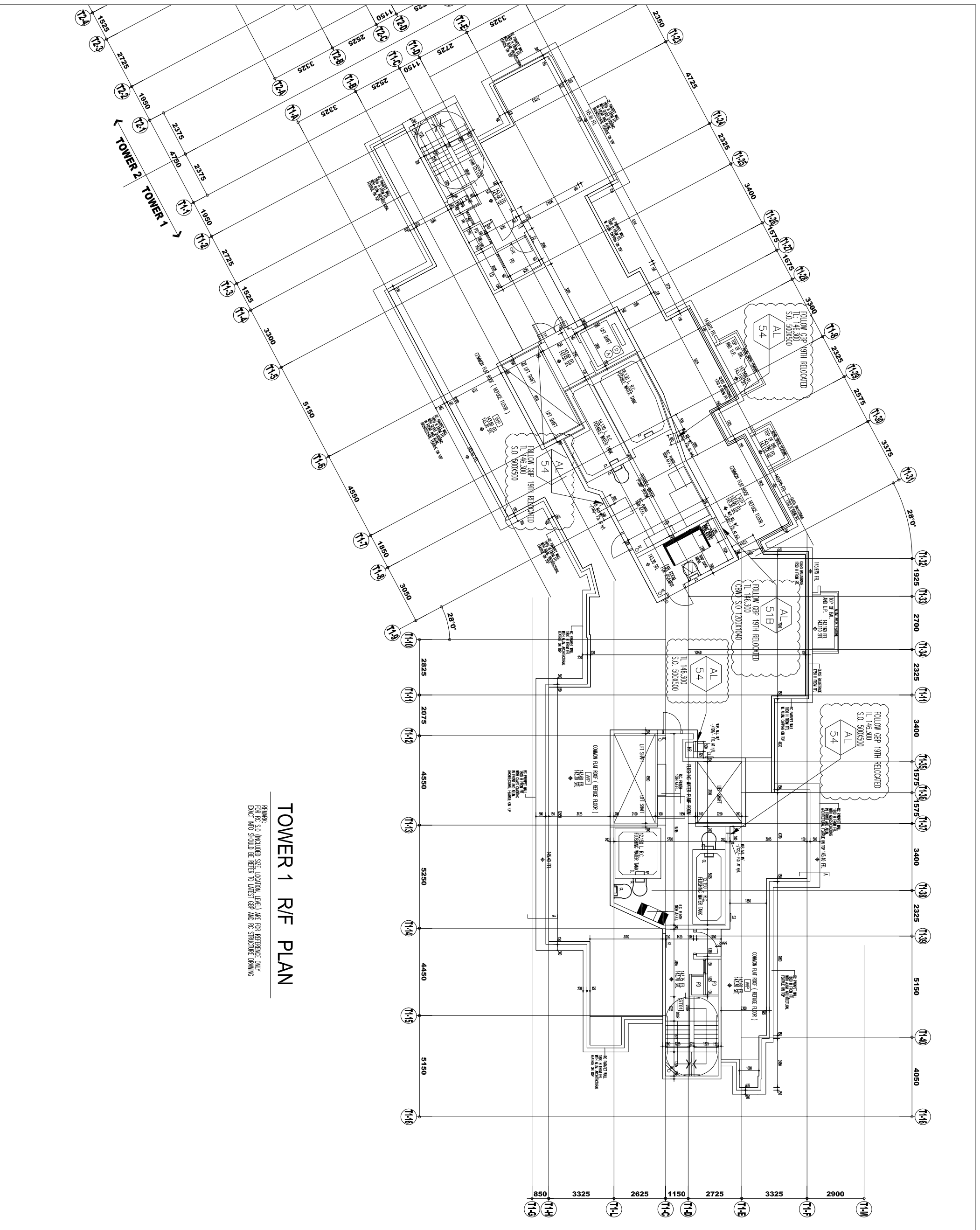
TITLE : DIE LIST FOR IN-SITU LOUVER

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

DRAWN BY : Iwon CHECKED BY :

美特鋁寶有限公司
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-1001 REV. : AS



TOWER 1 R/F PLAN

REMARK: FOR THE S.O. (INCLUDED SIZE, LOCATION, USED) ARE FOR REFERENCE ONLY. EXACT INFO SHOULD BE REFER TO LATEST GEP AND RC STRUCTURE DRAWING.

CLIENT :

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

ARCHITECT :

Iw&partners
A T C H I T E C T S

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

FAÇADE CONSULTANT:

NOTE:

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

LEGEND:

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

NO.	DATE	REVISION
1	19 DEC 2024	UPDATE PER COMMENT
2	21 NOV 2024	UPDATE AS 20241119 19th GEP(HAND 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 : 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-3107 REV. : J

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

ARCHITECT :
Iw&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. L.G.U.
 EQ-2 -- 10mm THK. CLEAR TEMPERED GLASS

NO.	DATE	REVISION
1	19 DEC 2024	UPDATE PER COMMENT
2	11 NOV 2024	UPDATE AS 20241119 19TH GEP/HAO AMEND
3		
4		

JOB NO. : J-856

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

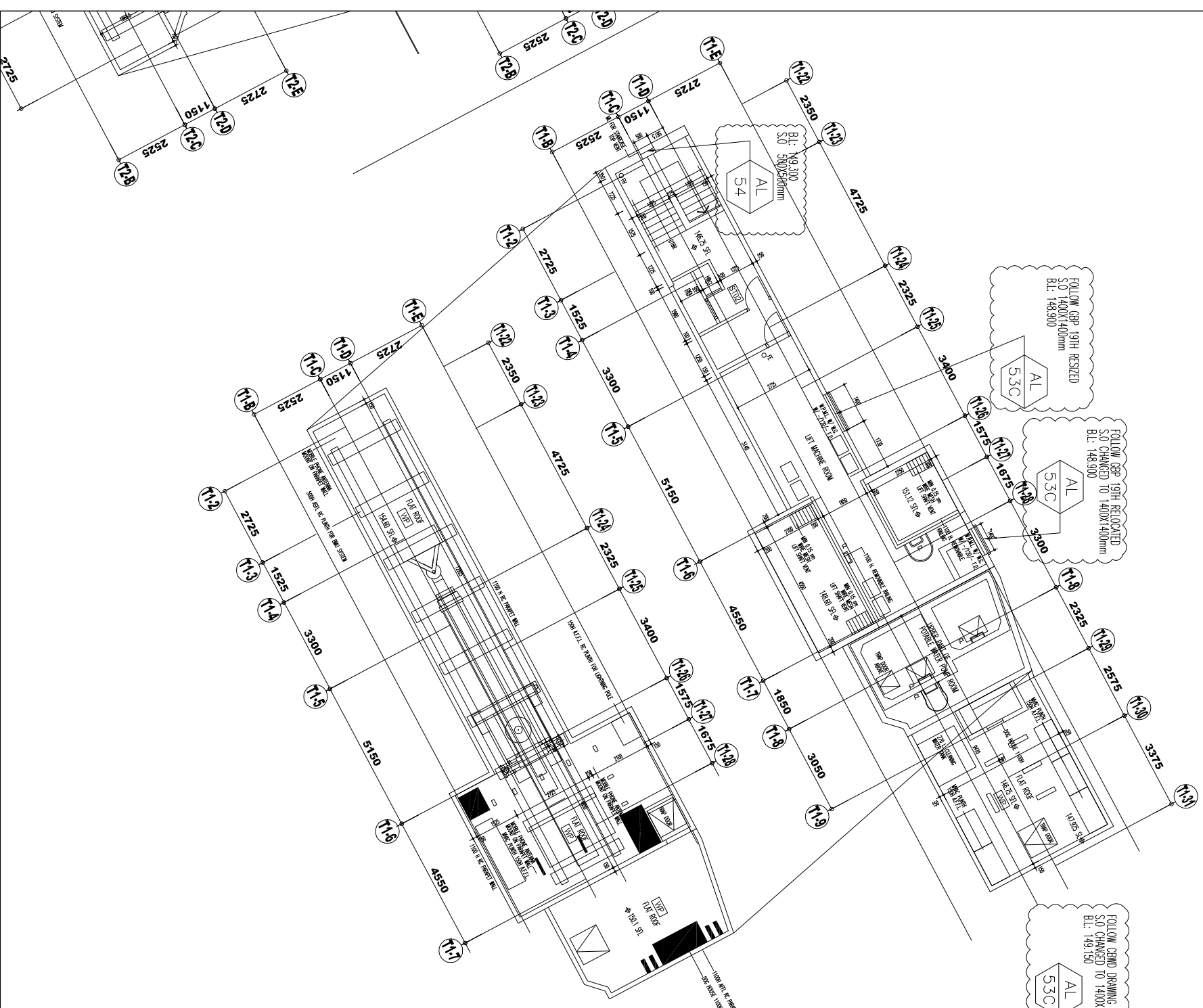
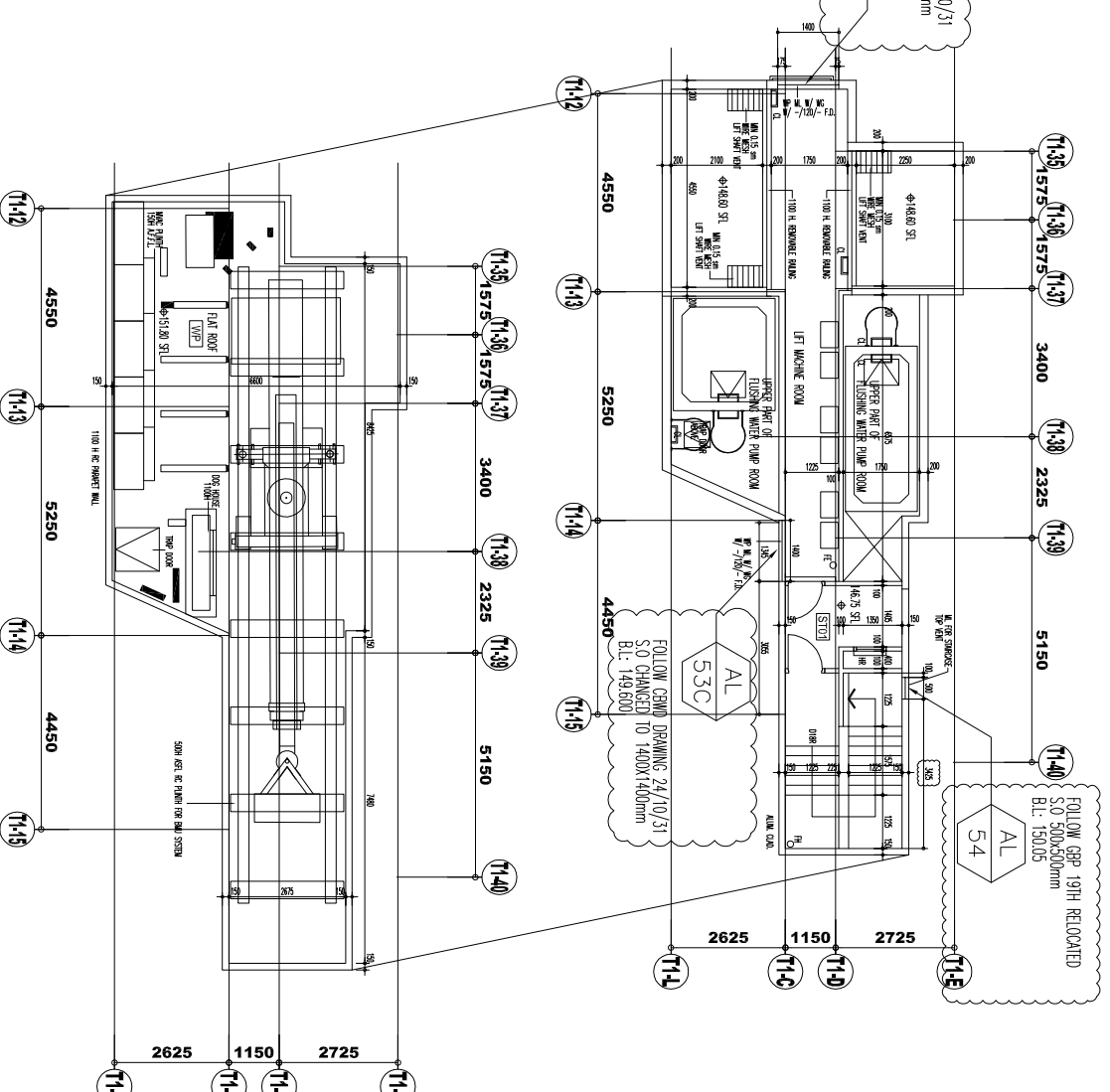
TITLE : PLAN FOR IN-SITU LOUVER AT TOWER 1 UR/F

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. : J



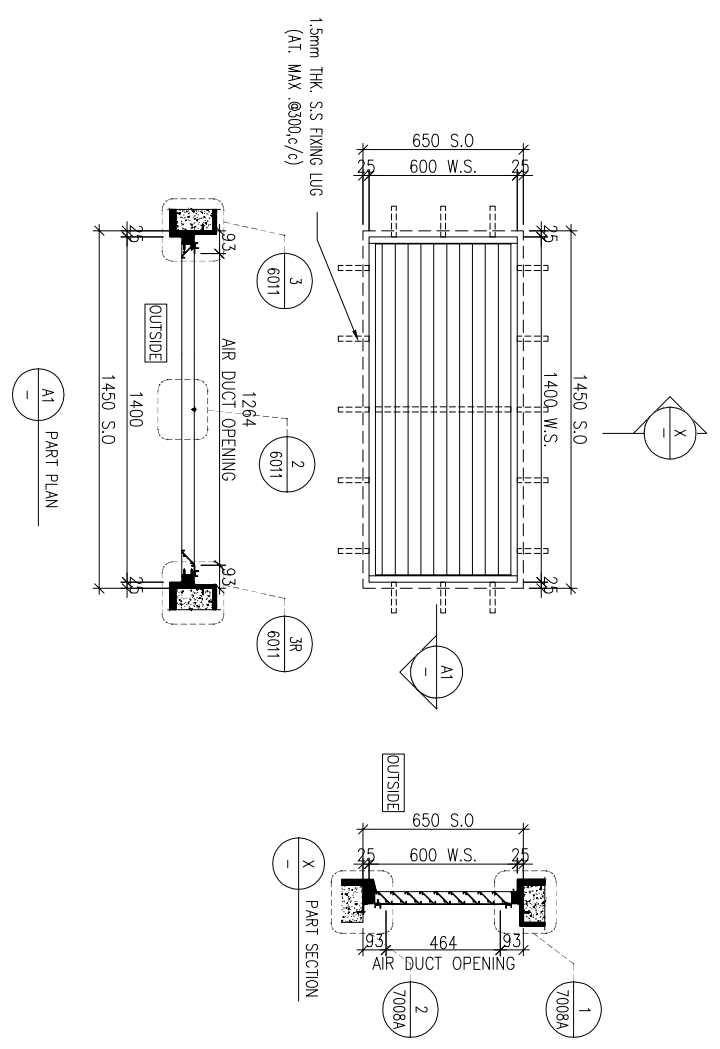
TOWER 1 UR/F PLAN

REMARK : CO. (INCLUDED SITE LOCATION, LEGED) ARE FOR REFERENCE ONLY FOR THE S.O. DRAWING. THE S.O. SHOULD BE REFER TO EXIST' GEP AND HIS STRUCTURE DRAWING.

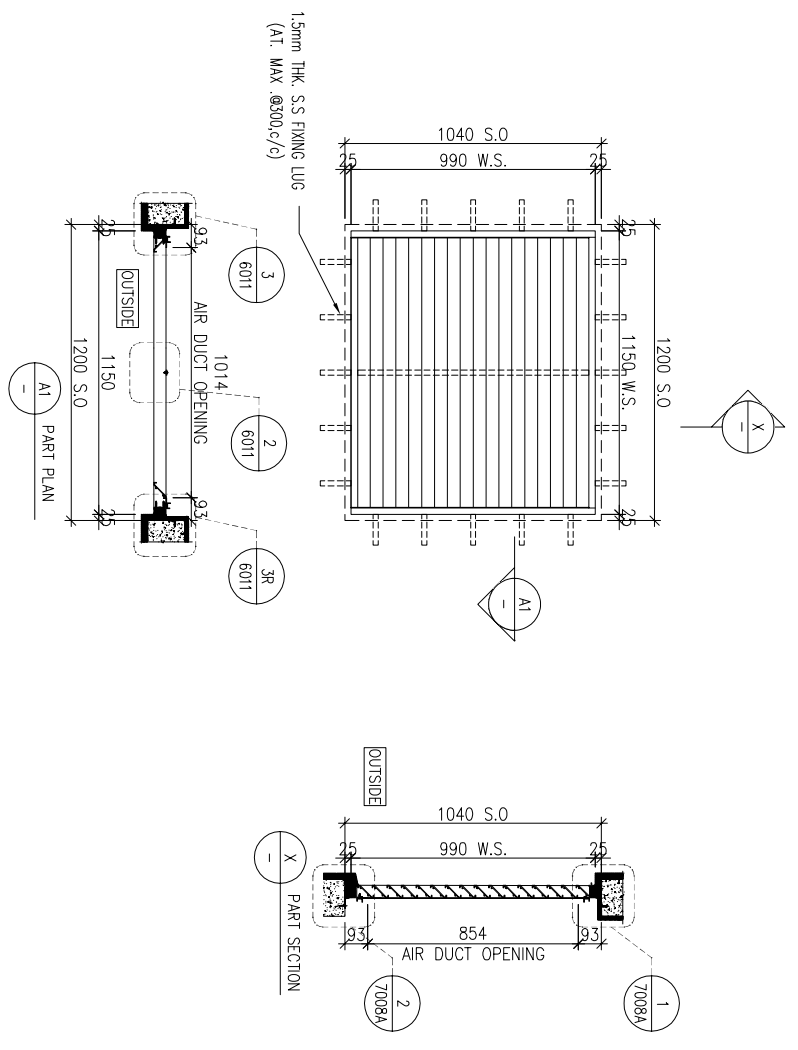
LOUVRE FREE AREA:
19.1./37 x 100% = 51.6%
refer to DWG 7008A/7008B

NEW

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



REMARK:
S.O LEVEL REFER TO GBP ELEV.



REMARK:
S.O LEVEL REFER TO GBP ELEV.

T1		1 NO.
T2	R/F: FAN ROOM FOR RS&MRR	1 NO.

FOLLOW GBP 19TH RELOCATED
CHANGE TO AL51B 1NOS.

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

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

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, 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.
 - ⊗2001 --- 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
1.	21 NOV 2024	UPDATE AS 2024/11/19 GBP(14ND AMEND) BY
		REVISED

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

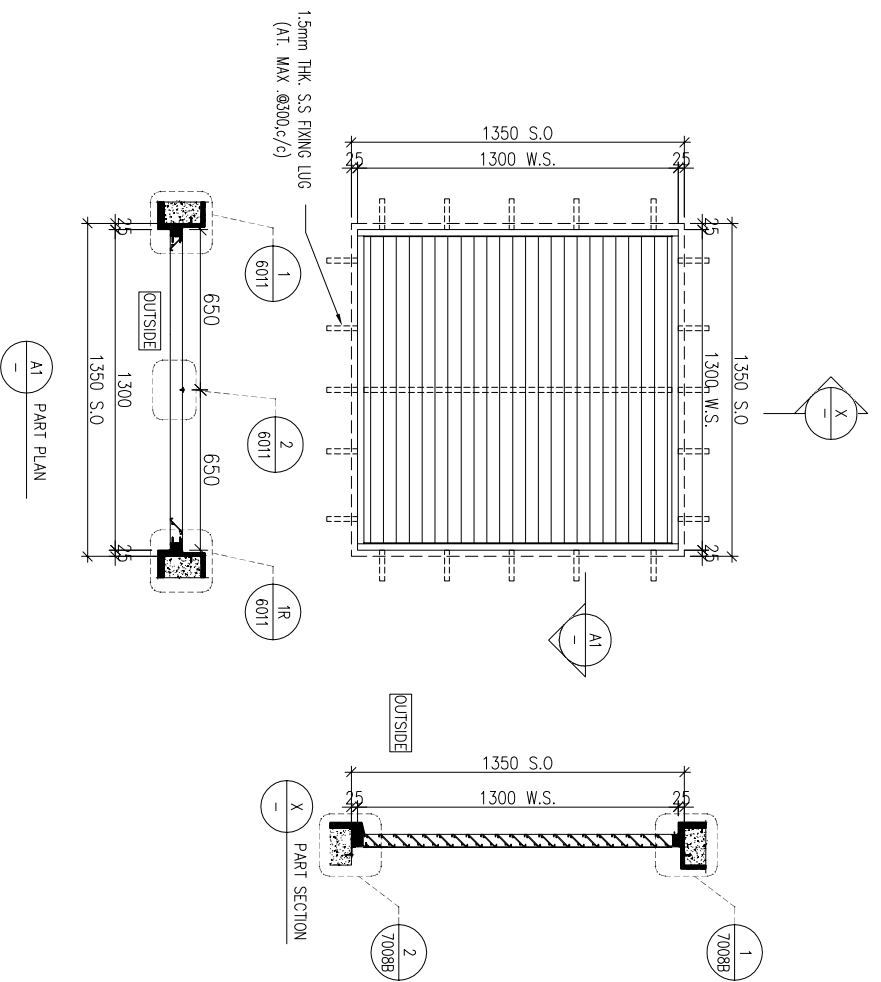
DATE : 06-Aug-21 SCALE : 1:40

DRAWN BY : Ivon CHECKED BY :

MIDI 美特經貿有限公司
ALPHATECH FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Ona Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727866

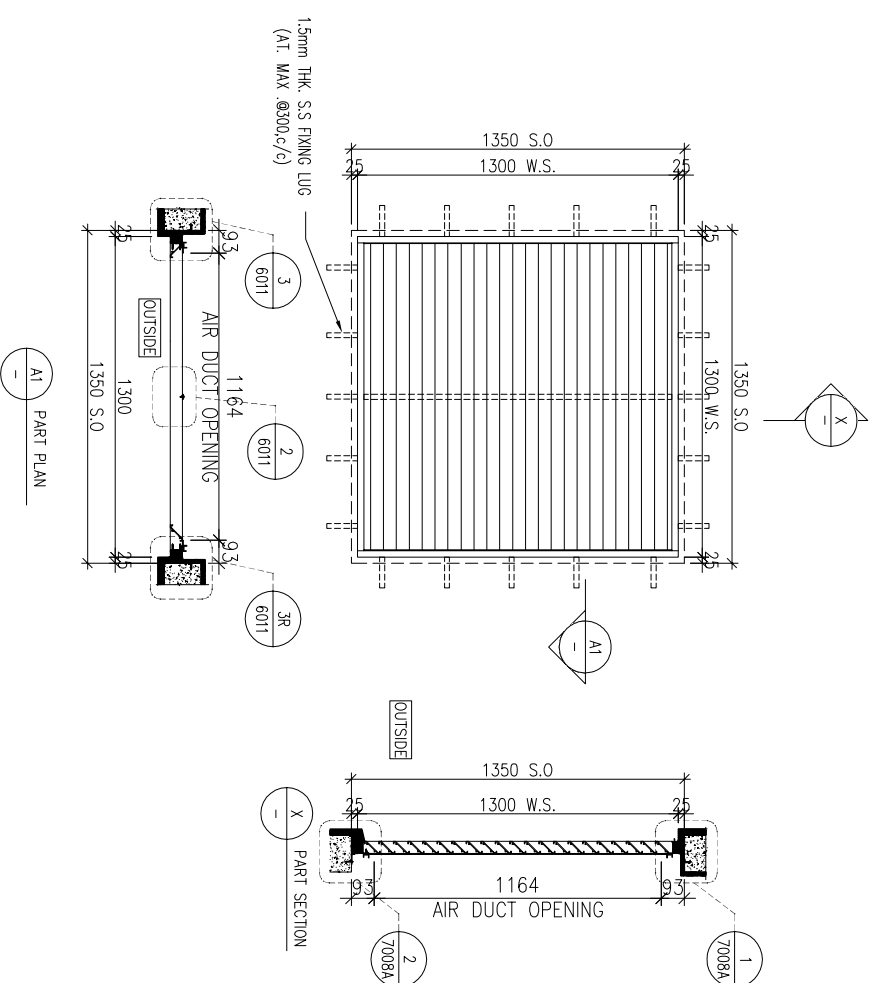
DWG NO. : J856-SD-LV-5001 REV. : 1

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



REMARK:
S.O LEVEL REFER TO GBP ELEV.

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



REMARK:
S.O LEVEL REFER TO GBP ELEV.

T1		2 NOS.	CHANGE TO AL53C 2 NOS.
T2	UR/F: LIFT MACHINE ROOM	2 NOS.	
T3		2 NOS.	



WINDOW MARK	AL 53
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	6 NOS. (UCT309119XLB-3)
REMARKS	SS WIRE MESH

T1		2 NOS.	CHANGE TO AL53C 2 NOS.
T2	UR/F: LIFT MACHINE ROOM	2 NOS.	
T3		2 NOS.	



WINDOW MARK	AL 53A
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	6 NOS. (UCT309119XLB-3)
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 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

EQ1--1--8mm+12mm AIR GAP+8mm THK. LG.U.
EQ2--2--10mm THK. CLEAR TEMPERED GLASS

NO.	DATE	REVISION
1	19 DEC 2024	UPDATE PER COMMENT
2	21 NOV 2024	ACCORDING 20241119 19H GBP(HAND AMEND) CF

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

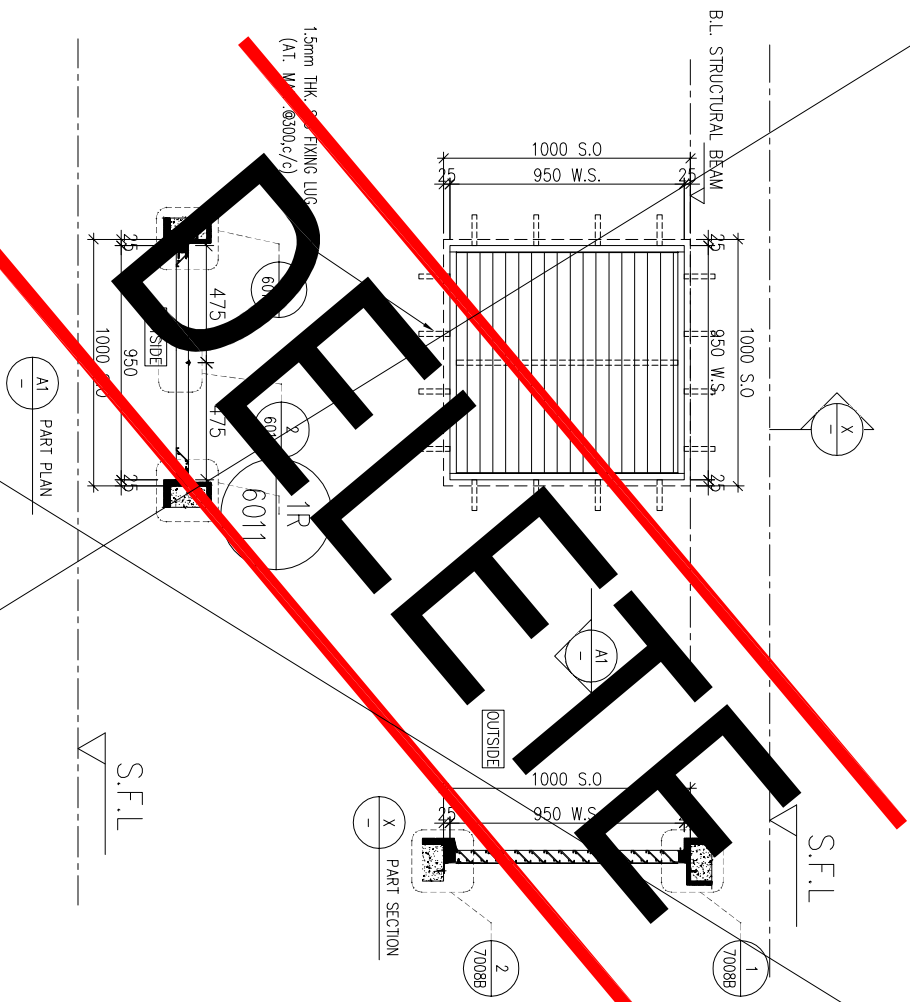
DATE : 06-Aug-21 SCALE : 1:40

DRAWN BY : Ivon CHECKED BY :

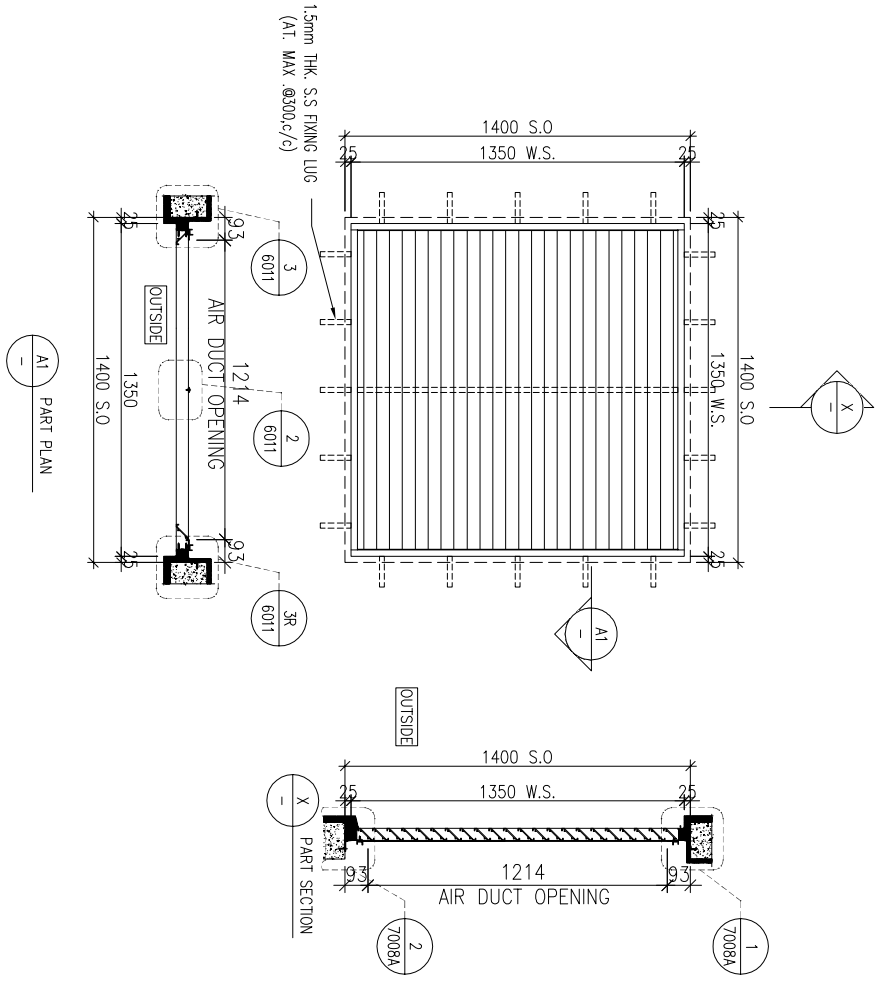
美特鋁業有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwong Road, Kowloon
Tel:23489211-4 Fax:(852)2727866

DWG NO. : J856-SD-LV-5003 REV. : J

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



REMARK:
S.O LEVEL REFER TO GBP ELEV.

T1	UR/F: LIFT MACHINE ROOM	1 NOS.	FOLLOW GBP 19TH RELOCATED, S.O CHANGED 1000X1000mm
T1	UR/F: LIFT MACHINE ROOM	4 NOS.	FOLLOW CBWD CHANGED S.O SIZE 1400X1400mm

WINDOW MARK	AL 53B	AL 53C
LOCATION	50mm ALUM. SECTION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE	ALUM. LOUVER BLADE
GLAZING	COLOUR CODE: LIGHT SILVER	COLOUR CODE: LIGHT SILVER
QUANTITY	1 NOS.	4 NOS.
REMARKS	SS WIRE MESH	SS WIRE MESH

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:
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. LG.U.
EQ2--2--10mm THK. CLEAR TEMPERED GLASS

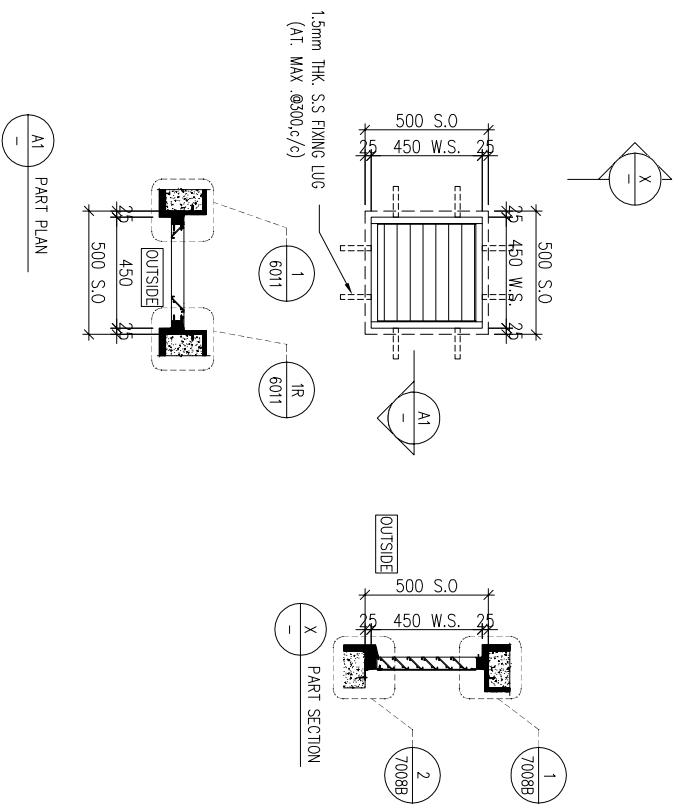
JOB NO. :	J-856
PROJECT :	PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.
DATE :	19 DEC 2024
REVISED :	ACCORDING 20241119 19TH GBP(HAND AMEND) CF
DATE :	21 NOV 2024
REVISED :	REMOVED

TITLE :
LOUVER SCHEDULE FOR TOWER IN-SITU LOUVER

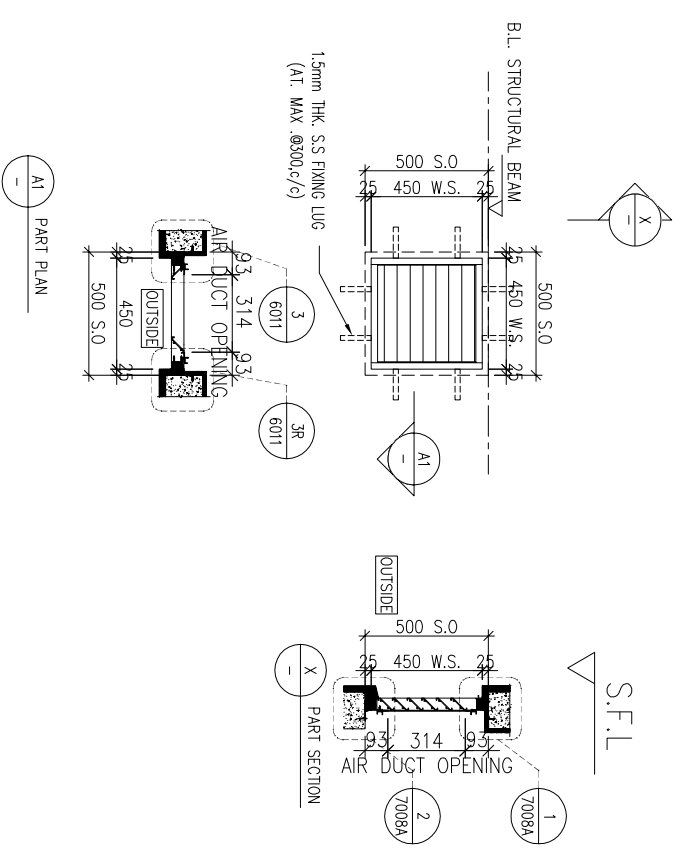
DATE : 06-Aug-21
SCALE : 1:40
DRAWN BY : Ivon
CHECKED BY :

美特經貿有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwong Road, Kowloon
Tel:23489211-4 Fax:(852)2727866
DWG NO. : J856-SD-LV-5003A REV. : J

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



ELEVATION

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.
	UR/F: FOR STARCASE TOP VENT(ST06)	1 NO.
	UR/F: STARCASE TOP VENT AT LIFT MACHINE ROOM 2	1 NO.

REMARK:
S.O LEVEL REFER TO GBP ELEV.

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

REMARK:
S.O LEVEL REFER TO GBP ELEV.

WINDOW MARK	AL 54
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE
GLAZING	COLOUR CODE: LIGHT SILVER
QUANTITY	FREE AREA: 51.6%
REMARKS	SS WIRE MESH

WINDOW MARK	AL 54A
LOCATION	50mm ALUM. SECTION
SECTION	ALUM. LOUVER BLADE
GLAZING	COLOUR CODE: LIGHT SILVER
QUANTITY	FREE AREA: 51.6%
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 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.
- ⊗2001 --- 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	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

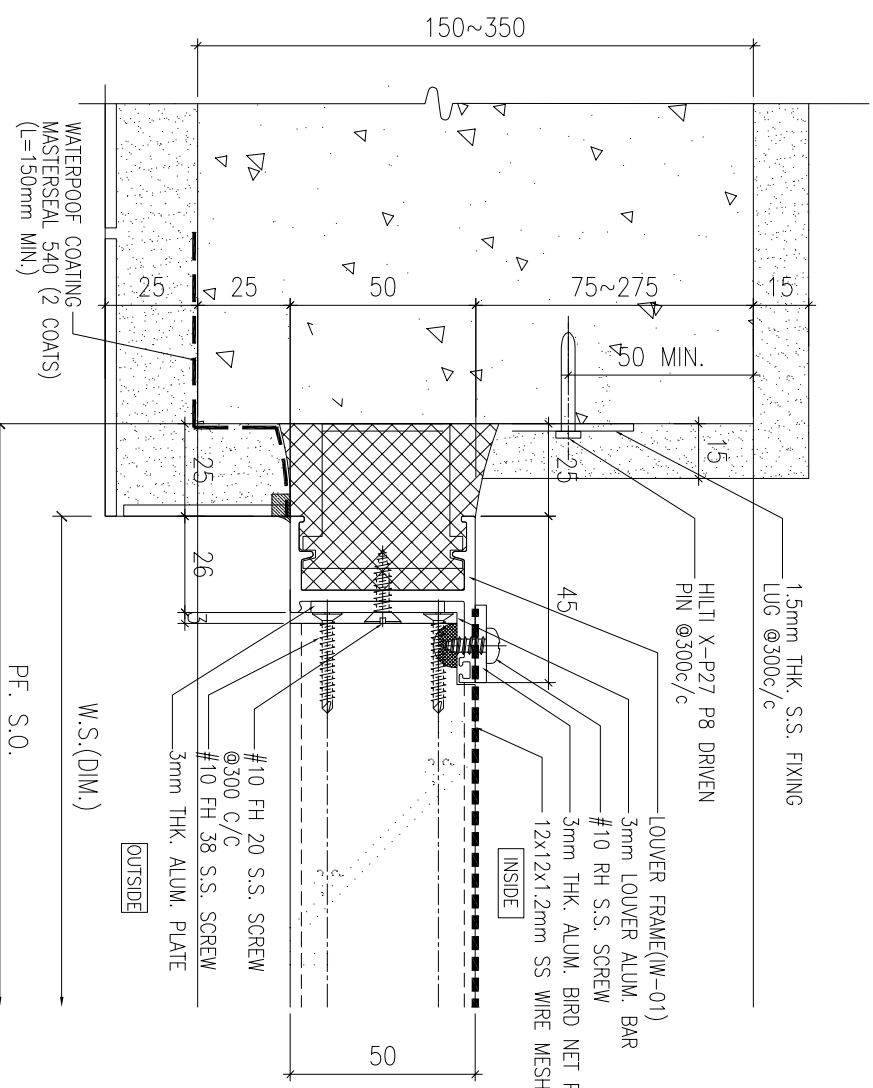
DRAWN BY : Ivon

CHECKED BY :

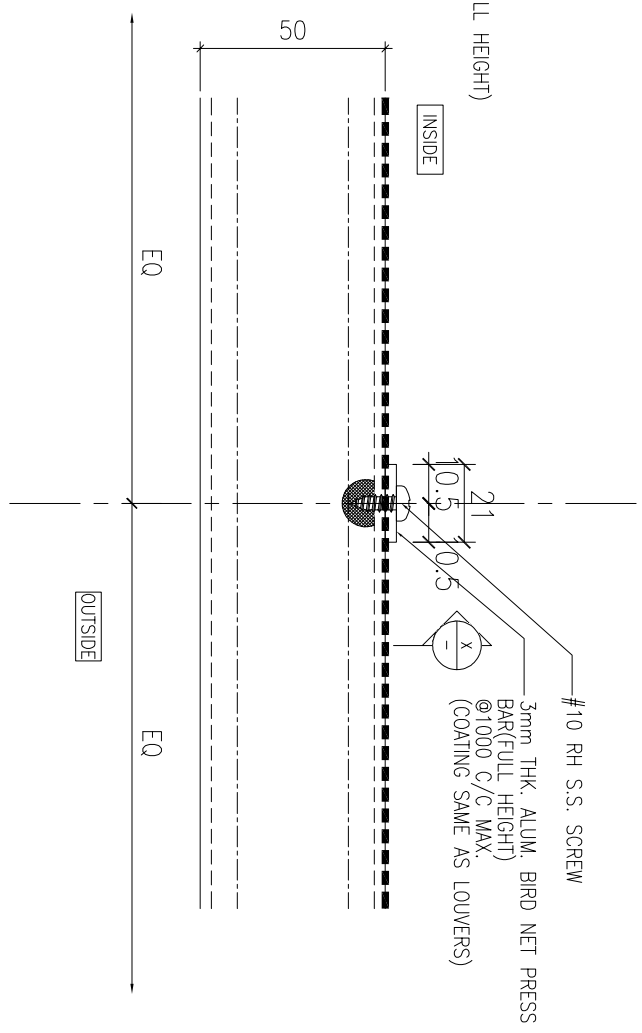
美特 鋸寶有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Ona Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27277866

DWG NO. : J856-SD-LV-5004

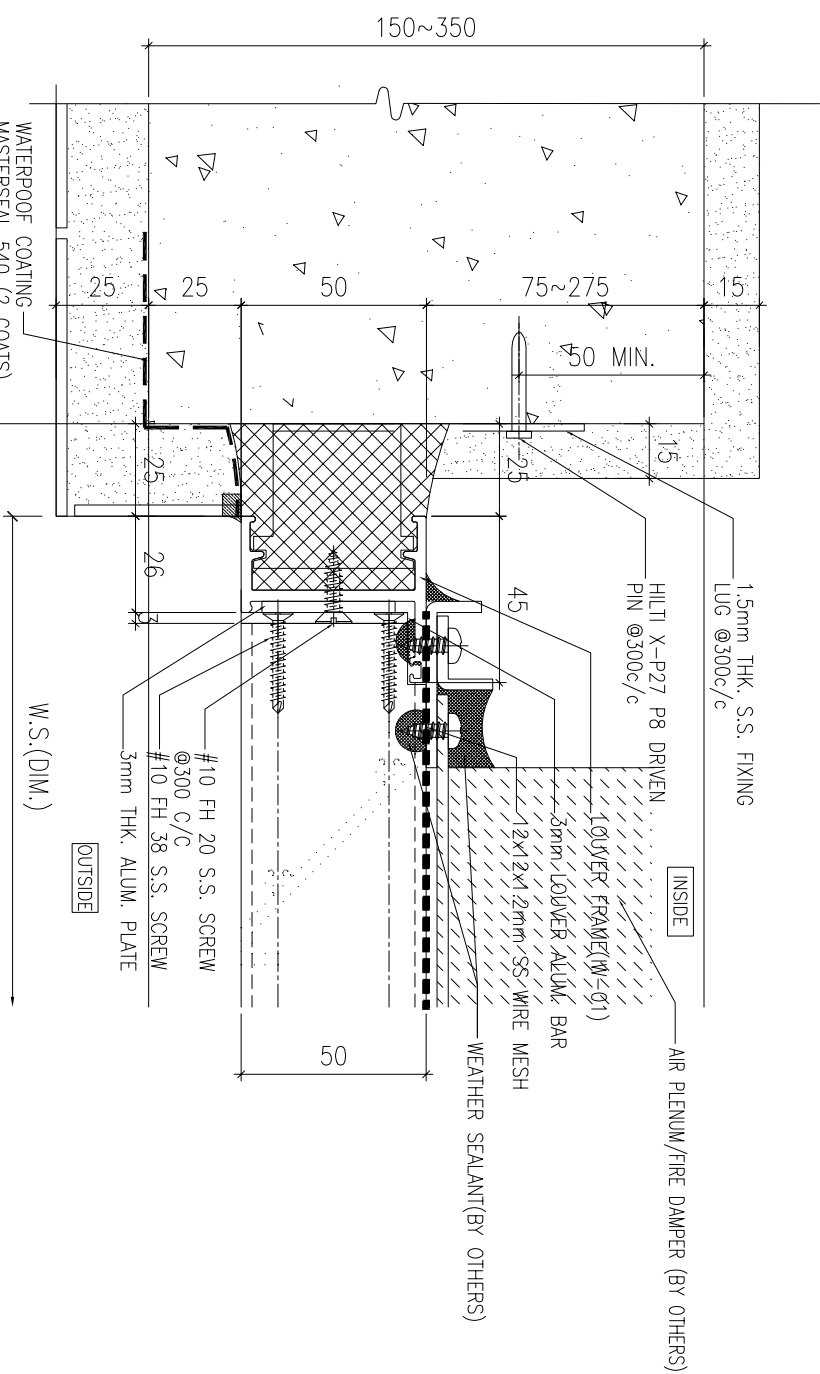
REV. : AS



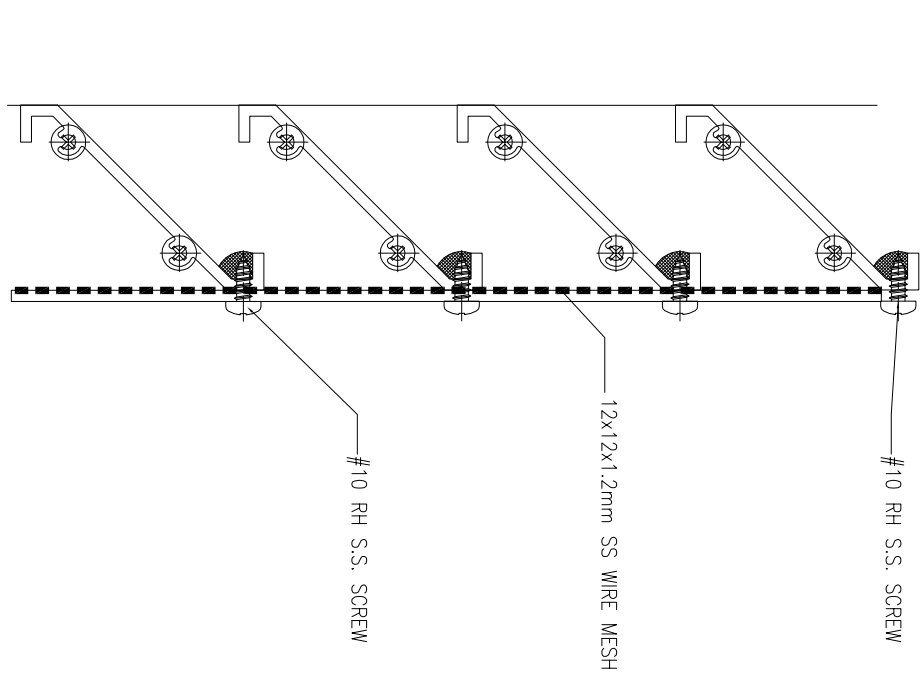
1 HORIZONTAL DETAIL
SCALE 1:2



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, WANGHAI, HONGKONG

ARCHITECT :

lwk&partners
A R C H I T E C T S

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FAÇADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Façade Specialist

NOTE :

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

LEGEND :

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

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

4. GLASS LEGEND
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

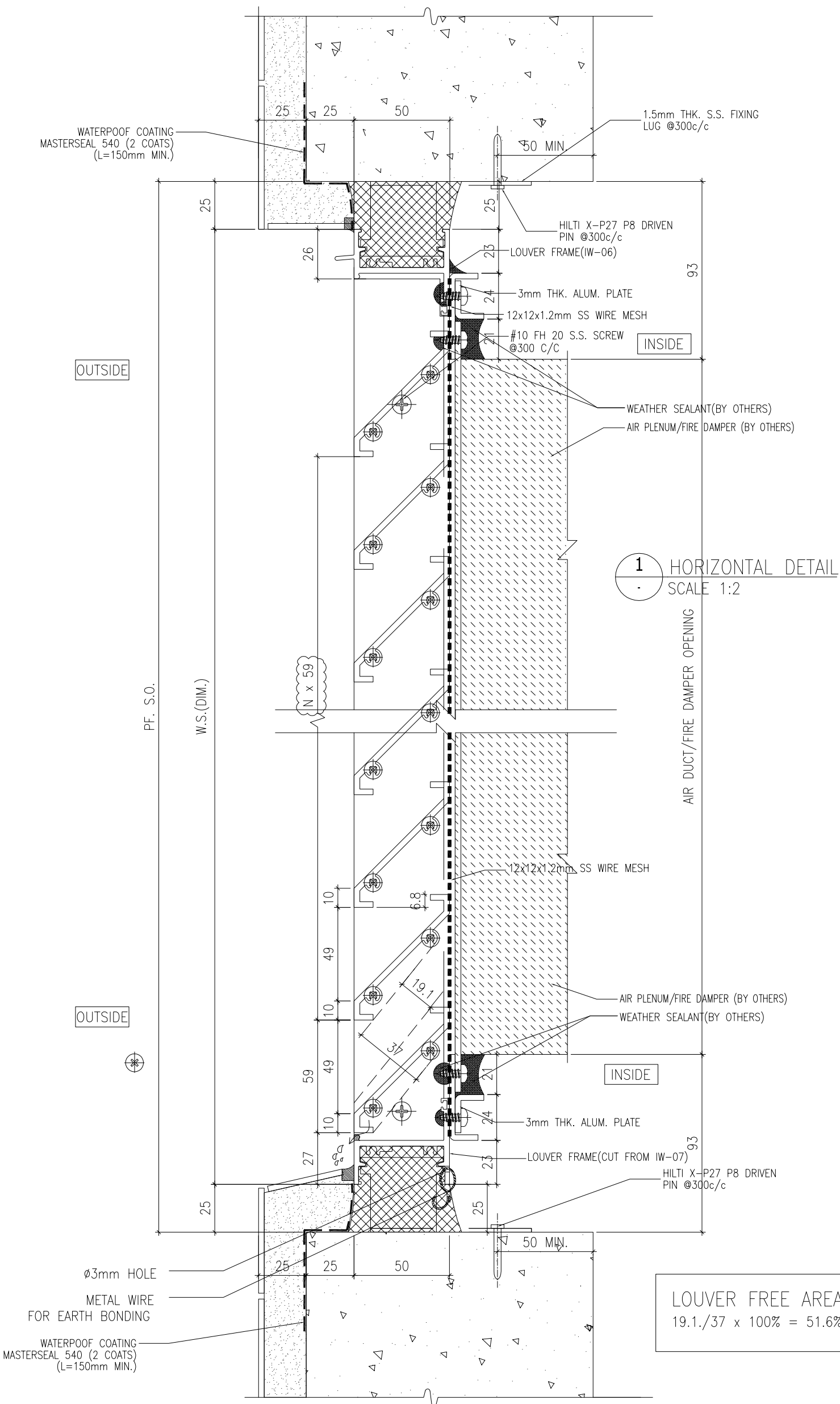
PROJECT :
PROPOSED DEVELOPMENT ABOVE
LIGHT RAIL TIN WING STOP TSWTL
NO.23, AREA 33, TIN SHUI WAI, N.T.

TITLE :
TYPICAL DETAILS FOR
IN-SITU LOUVER

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

DRAWN BY : Ivon CHECKED BY :

MIDI 美特鋁質有限公司
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



B.O. REF :
DATE :
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

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

LEGEND :
① - DETAIL MARK NO.
② - 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. I.G.U.
EQ.-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.

TITLE : TYPICAL DETAILS FOR IN-SITU LOUVER

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 Ono Kwong Road, Kowloon
Tel: 23489211-4 Fax: (852) 27277866
DWG NO. : J856-SD-LV-7008A REV. : AS

2 HORIZONTAL DETAIL
 SCALE 1:2

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. I.G.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 : 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)27277666
 DWG NO. : J856-SD-LV-7008B REV. : AS

1 HORIZONTAL DETAIL
 SCALE 1:2

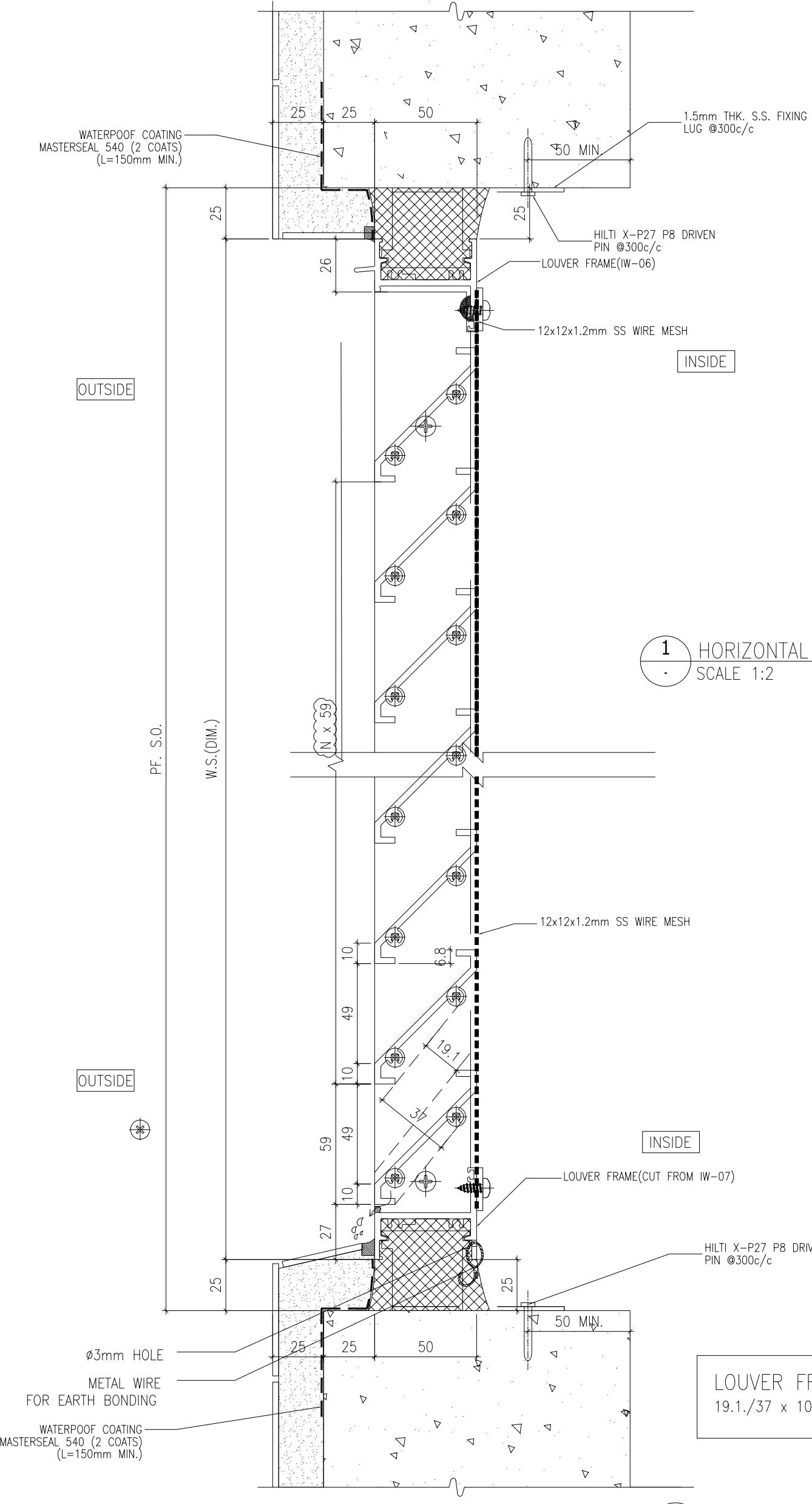
OUTSIDE

INSIDE

OUTSIDE

INSIDE

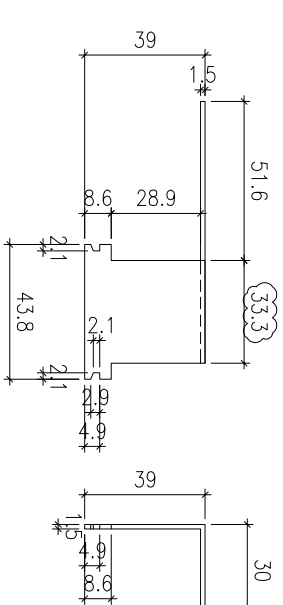
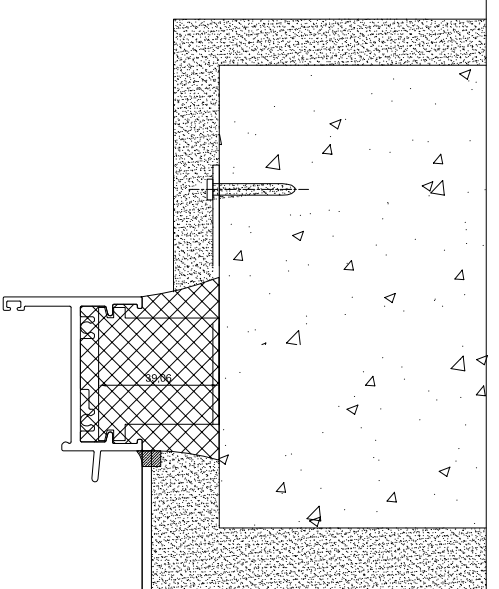
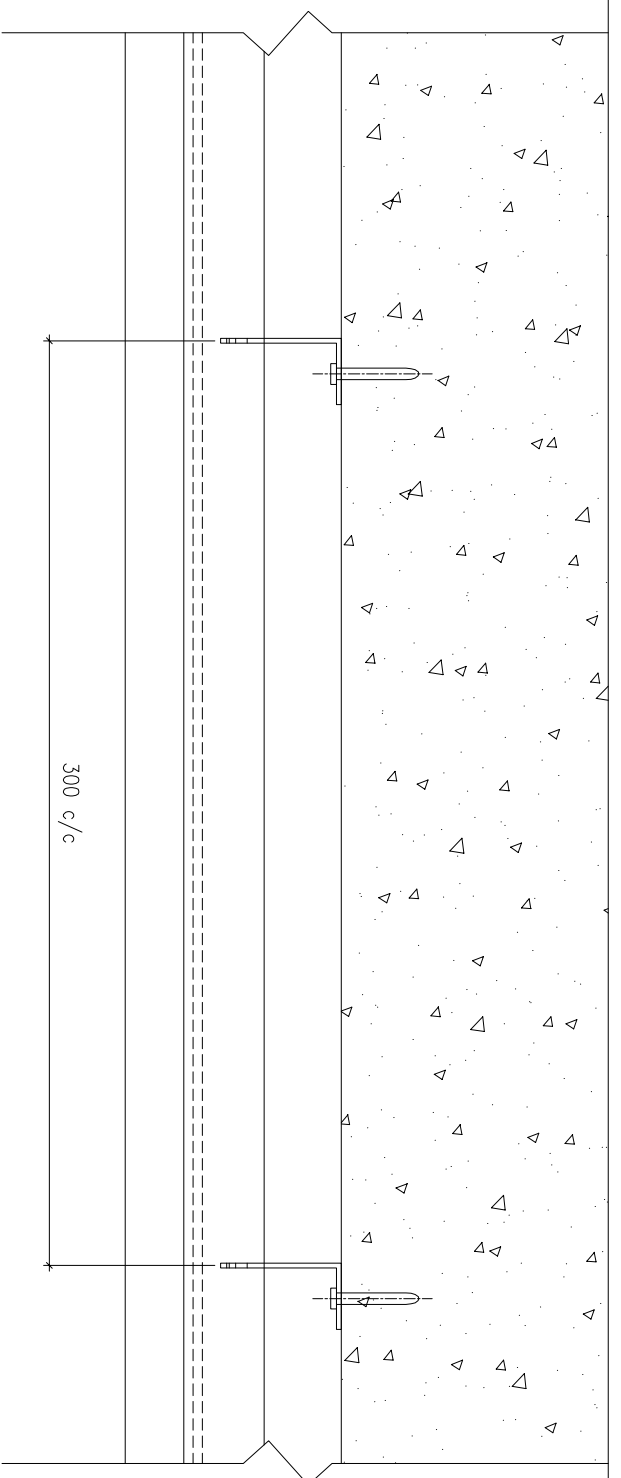
LOUVER FREE AREA:
 $19.1/37 \times 100\% = 51.6\%$



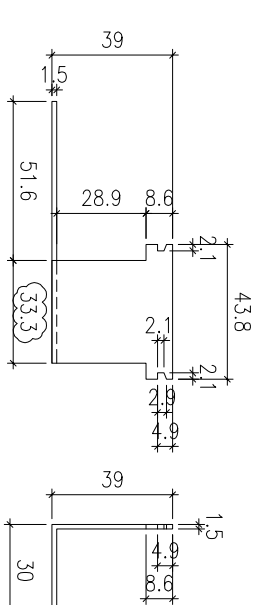
PF. S.O.

W.S.(DIM.)

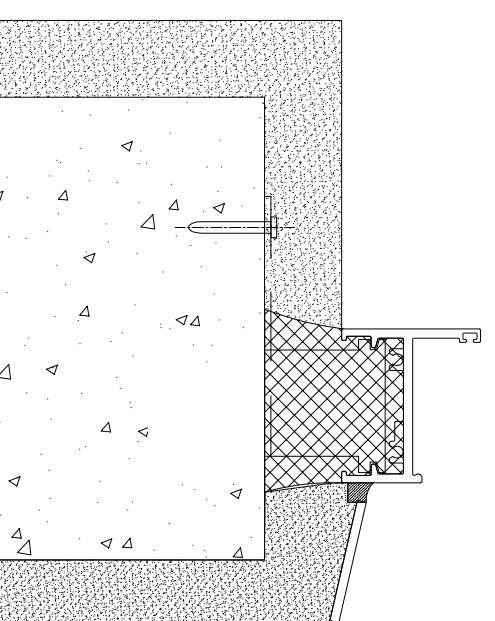
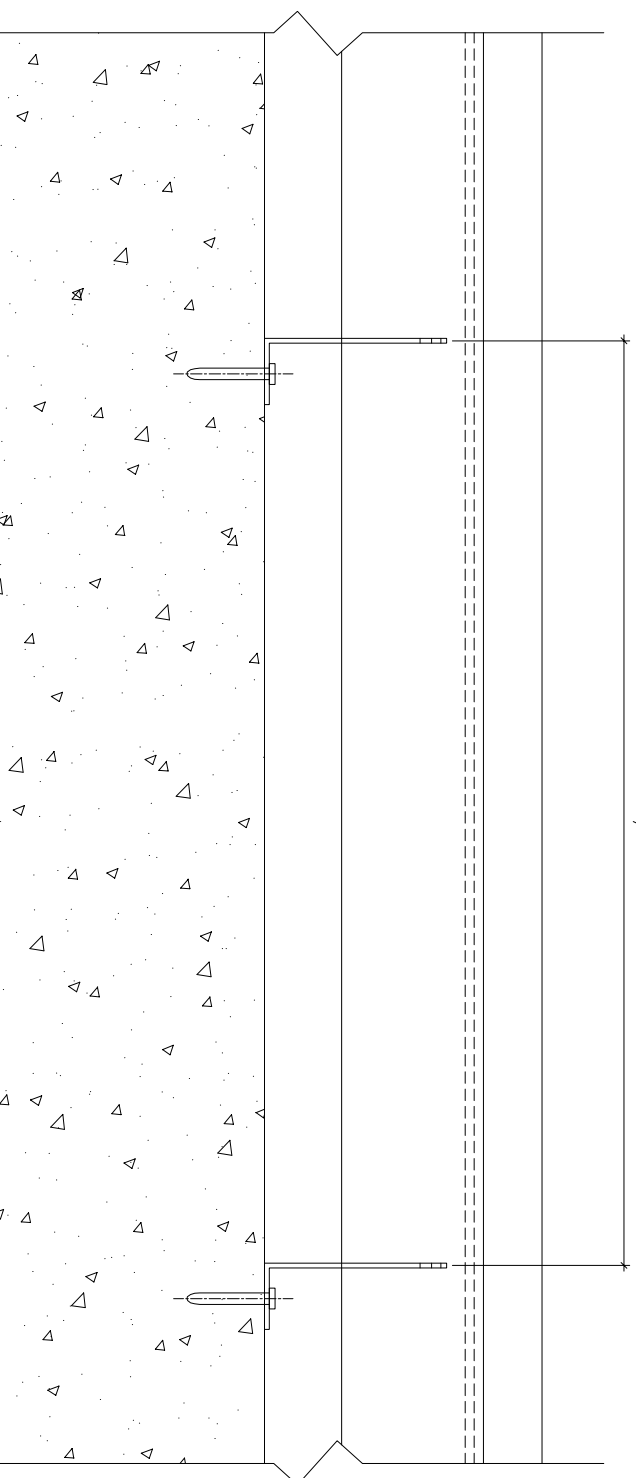
(N x 59)



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 :

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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