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- 6909 A	**修改版本:**	A
	HK- 2710		
工程編號:	J 856	**工程名稱:**	天榮站
收件人:	生統/林仁安	**發件人:**	Iris
工程項目:	Curtain Wall 9th Shop Drawing拆圖用 (修改A)	**日期:**	23/11/2023

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

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

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

內容:
Curtain Wall 9th Shop Drawing拆圖用 (修改A)
請按附件的Shop Drawing更改加工圖以及拆圖

完成上列要求日期: 28/11/2023

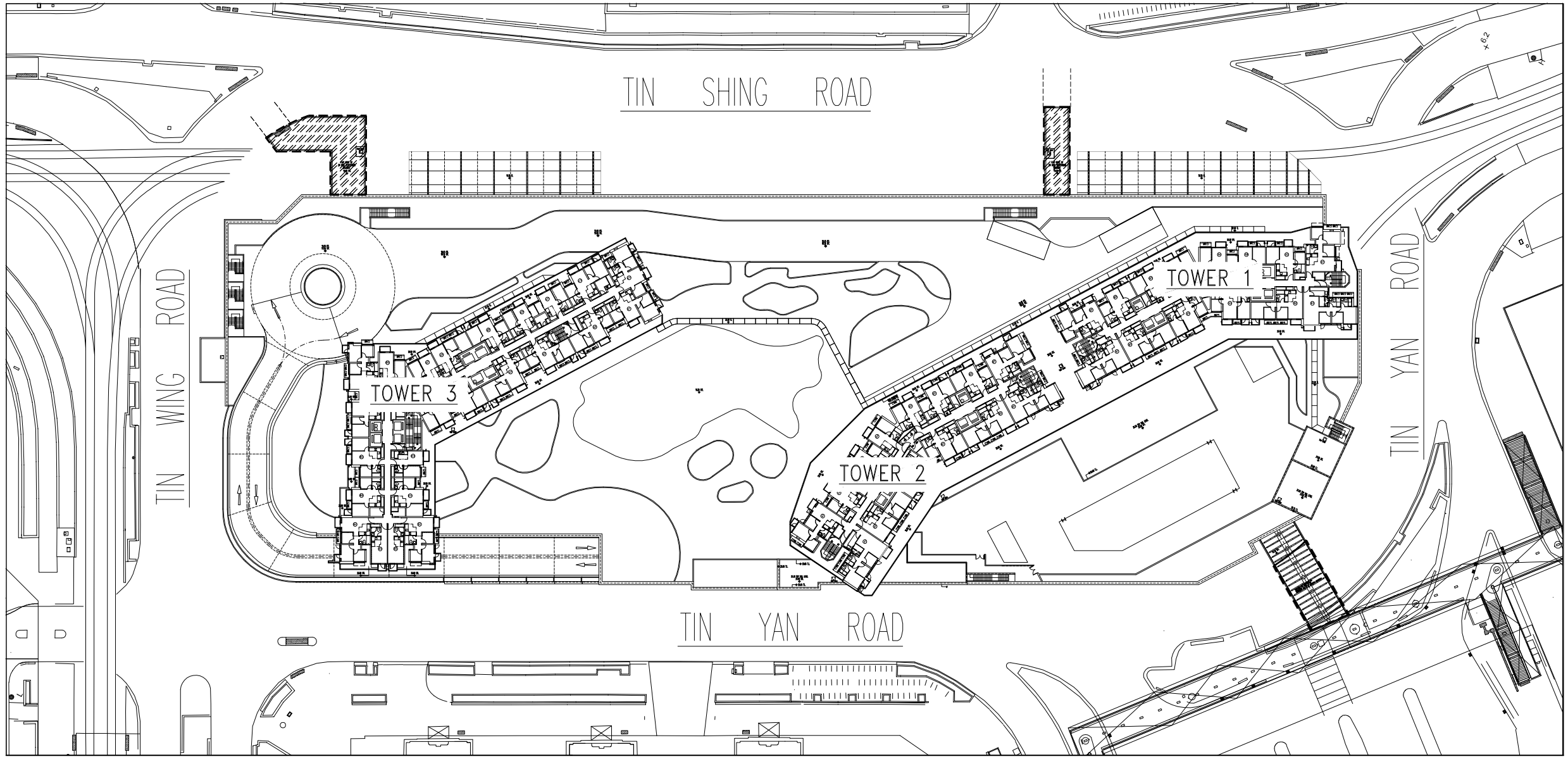
國內

☐ 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.

9

TITLE : CURTAIN WALL
9TH SD DRAWING

DATE: 23-NOV-2023

美特鋁質有限公司
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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-0000 | REV. : 1

DRAWING SUBMISSION REGISTER

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

TITLE:
9TH SHOPDRAWING FOR CURTAIN WALL

DATE OF ISSUE										
ISSUE	01	2r1	03	04	4r 2	05	06	07	8r1	09
DAY	23	30	13	10	03	10	31	22	04	23
MONTH	11	12	01	03	04	05	05	08	10	11
YEAR	22	22	23	23	23	23	23	23	23	23

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

SUBMISSION STATE (FOR CLIENT / CONSULTANT)
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FABRICATION / CONSTRUCTION STATE: ISSUE TO CHINA OFFICE; ISSUE TO SITE; ISSUE TO SUB-CONTRACTOR

DRAWING TITLE	DWG. NO.	REVISIONS										B.D / A.S.D			CLIENT / CONSULTANT			ARCHITECT			CHINA OFFICE		SITE		SUB-CONTRACTOR	
												COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE
COVER PAGE	J856-SD-CW-0000	-	A	B	C	D	E	F	G	H	I															
DRAWING REGISTER	J856-SD-CW-0001	-	A	B	C	C	D	E	F	G	H															
DRAWING REGISTER	J856-SD-CW-0002	-	A	B	C	C	D	E	F	G	H															
DRAWING REGISTER	J856-SD-CW-0003				C	C	D	E	F	G	H															
DRAWING REGISTER	J856-SD-CW-0004								-	A	H															
GENERAL NOTE FOR CURTAIN WALL	J856-SD-CW-1001	-	A	A	B	B	C	D	E	F	G															
SECTION PROPERTIES	J856-SD-CW-1101		-	-	-	-	-	-	C	C	C															
SECTION PROPERTIES	J856-SD-CW-1102		-	-	-	-	-	-	C	C	C															
SECTION PROPERTIES	J856-SD-CW-1103	-	A	A	A	A	A	A	C	C	C															
SECTION PROPERTIES	J856-SD-CW-1104	-	A	A	B	B	B	B	C	C	D															
SECTION PROPERTIES	J856-SD-CW-1105		-	-	A	A	A	A	C	C	D															
PART LIST	J856-SD-CW-1106					-	-	-	A	B	B															
CAST-IN EMBED DETAIL FOR CURTAIN WALL	J856-SD-CW-2001	-	A	B	B	B	B	B	B	B	B															
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (3/F)	J856-SD-CW-3001	-	A	A	B	B	B	B	B	B	B															
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 2 (3/F)	J856-SD-CW-3002	-	-	-	-	-	-	-	-	B	B															
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 (3/F)	J856-SD-CW-3003	-	A	B	B	B	B	B	B	C	C															
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (TYP)	J856-SD-CW-3004	-	A	A	B	B	B	B	B	C	C															
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 2 (TYP)	J856-SD-CW-3005		-	-	-	-	-	-	-	A	A															
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 (TYP)	J856-SD-CW-3006	-	A	B	B	B	B	B	B	C	C															
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (46/F)	J856-SD-CW-3007		-	A	B	B	B	B	C	C	C															
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 2 (46/F)	J856-SD-CW-3008		-	A	B	B	B	B	C	C	C															
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 (46/F)	J856-SD-CW-3009	-	A	B	B	B	B	B	C	C	C															
LAYOUT PLAN FOR ALUM FEATURE @ TOWER 1 (46/F)	J856-SD-CW-3010								-	-	A															
LAYOUT PLAN FOR ALUM FEATURE @ TOWER 2 (46/F)	J856-SD-CW-3011								-	-	A															
LAYOUT PLAN FOR ALUM FEATURE @ TOWER 3 (46/F)	J856-SD-CW-3012								-	A	B															
LAYOUT PLAN FOR GLASS CLADDING @ TOWER 1 (ROOF/F)	J856-SD-CW-3013								-	-	-															
LAYOUT PLAN FOR GLASS CLADDING @ TOWER 2 (ROOF/F)	J856-SD-CW-3014								-	-	-															
LAYOUT PLAN FOR GLASS CLADDING @ TOWER 3 (ROOF/F)	J856-SD-CW-3015								-	-	-															
LAYOUT PLAN FOR ALUM FEATURE @ TOWER 1 (ROOF/F)	J856-SD-CW-3016								-	A	B															
LAYOUT PLAN FOR ALUM FEATURE @ TOWER 2 (ROOF/F)	J856-SD-CW-3017								-	A	B															
LAYOUT PLAN FOR ALUM FEATURE @ TOWER 3 (ROOF/F)	J856-SD-CW-3018								-	A	B															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)	J856-SD-CW-4001	-	A	B	C	C	D	D	E	E	E															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)	J856-SD-CW-4002	-	A	B	C	C	D	D	E	E	E															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)	J856-SD-CW-4002A		-	-	A	A	B	B	C	C	C															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 (TYPICAL)	J856-SD-CW-4003	-	A	B	C	C	D	D	E	F	F															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 (TYPICAL)	J856-SD-CW-4004	-	A	B	C	C	D	D	E	F	F															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 (TYPICAL)	J856-SD-CW-4005	-	A	B	C	C	D	D	E	F	F															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 (TYPICAL)	J856-SD-CW-4006	-	A	B	C	C	D	D	E	F	F															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 SU (46/F)	J856-SD-CW-4007	-	A	A	B	B	B	B	C	C	D															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 SU (46/F)	J856-SD-CW-4008	-	A	A	B	B	B	B	C	C	D															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 SU (46/F)	J856-SD-CW-4009	-	A	A	B	B	B	B	C	C	D															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 SU (46/F)	J856-SD-CW-4010	-	A	A	B	B	B	B	C	C	D															
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 SU (46/F)	J856-SD-CW-4011	-	A	A	B	B	B	B	C	C	D															
PART PLAN FOR CURTAIN WALL @ TOWER 1 (TYPICAL)	J856-SD-CW-5001	-	A	B	C	C	D	D	E	E	E															

IN-HOUSE DESIGN CHECKER

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J856-SD-CW-0001 | REV. : H

DRAWING SUBMISSION REGISTER

PROJECT:
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.
TITLE:
9TH SHOPDRAWING FOR CURTAIN WALL

DATE OF ISSUE										
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FABRICATION / CONSTRUCTION STATE

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DRAWING TITLE	DWG. NO.	REVISIONS										B.D / A.S.D			CLIENT / CONSULTANT			ARCHITECT			CHINA OFFICE		SITE		SUB-CONTRACTOR	
												COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE
PART PLAN FOR CURTAIN WALL @ TOWER 2 (TYPICAL)	J856-SD-CW-5002	-	A	B	C	C	D	D	E	E	E															
PART PLAN FOR CURTAIN WALL @ TOWER 3 (TYPICAL)	J856-SD-CW-5003	-	A	B	C	C	D	D	E	E	E															
PART PLAN FOR CURTAIN WALL @ TOWER 1 SU (46/F)	J856-SD-CW-5004				-	-	-	-	A	A	A															
PART PLAN FOR CURTAIN WALL @ TOWER 1 SU (46/F)	J856-SD-CW-5005				-	-	A	A	B	B	B															
PART PLAN FOR CURTAIN WALL @ TOWER 2 SU (46/F)	J856-SD-CW-5006				-	-	-	-	A	A	A															
PART PLAN FOR CURTAIN WALL @ TOWER 2 SU (46/F)	J856-SD-CW-5007				-	-	-	-	A	A	A															
PART PLAN FOR CURTAIN WALL @ TOWER 3 SU (46/F)	J856-SD-CW-5008				-	-	-	-	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8001		-	-	A	A	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8002	-	A	A	B	B	C	D	D	D	D															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8002A			-	-	-	-	-	-	-	-															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8003		-	-	A	A	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8004	-	A	B	C	C	D	E	E	E	E															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8005	-	-	A	B	B	B	B	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8006	-	A	B	C	C	D	E	E	E	E															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8007	-	A	A	B	B	C	C	C	C	C															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8008	-	A	A	B	B	C	D	D	D	D															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8008A			-	A	A	B	B	B	B	C															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8009	-	A	A	B	B	C	C	C	C	D															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8010	-	A	A	B	B	C	D	D	D	D															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8011	-	A	A	B	B	C	C	C	C	C															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8012		-	-	A	A	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8013	-	A	A	B	B	B	B	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8014	-	A	A	B	B	B	B	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8015	-	A	A	B	B	B	B	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8016	-	A	DEL																						
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8017	-	A	DEL																						
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8018	-	A	A	B	B	B	B	C	DEL																
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8018A				-	-	-	-	A	DEL																
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8019	-	A	A	B	B	B	B	C	DEL																
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8019A				-	-	-	-	A	DEL																
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8020	-	A	B	C	C	C	C	C	C	C															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8020A			-	A	A	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8020B			-	-	-	-	-	-	-	-															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8021			-	A	A	A	B	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8022				-	-	A	B	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8023				-	-	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8024				-	-	A	B	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8025				-	-	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8026				-	-	-	-	-	-	-															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8027				-	-	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8028				-	-	A	B	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8029				-	-	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8030				-	-	A	B	C	C	C															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8031				-	-	A	A	A	A	A															

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DWG NO. : J856-SD-CW-0002 | REV. : H

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PROJECT:
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.
TITLE:
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SUBMISSION STATE (FOR B.D / A.S.D)
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FABRICATION / CONSTRUCTION STATE

DRAWING TITLE	DWG. NO.	REVISIONS										SUBMISSION STATE (FOR B.D / A.S.D)			SUBMISSION STATE (FOR CLIENT / CONSULTANT)			SUBMISSION STATE (FOR ARCHITECT)			FABRICATION / CONSTRUCTION STATE: ISSUE TO CHINA OFFICE		ISSUE TO SITE		ISSUE TO SUB-CONTRACTOR	
												COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8032				-	-	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8033				-	-	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8034				-	-	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8035				-	-	A	B	B	B	D															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8036				-	-	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8037				-	-	A	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8038				-	-	-	-	-	-	-															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8039				-	-	-	-	-	-	-															
TYPICAL DETAIL FOR CURTAIN WALL (GLASS CLADDING)	J856-SD-CW-8040								-	-	A															
TYPICAL DETAIL FOR CURTAIN WALL (GLASS CLADDING)	J856-SD-CW-8041								-	-	A															
TYPICAL DETAIL FOR CURTAIN WALL (GLASS CLADDING)	J856-SD-CW-8042								-	-	A															
TYPICAL DETAIL FOR CURTAIN WALL (GLASS CLADDING)	J856-SD-CW-8043								-	-	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8501	-	A	A	B	B	C	D	E	E	E															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8501A	-	A	A	B	B	C	D	D	D	D															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8501B				-	-	A	B	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8502	-	A	DEL																						
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8503	-	A	A	B	B	C	C	D	D	E															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8503A				-	-	A	A	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8503A				-	-	A	A	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8504	-	A	A	B	B	C	C	D	D	E															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8504A				-	-	A	A	B	B	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8505	-	A	A	B	B	C	C	D	E	G															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8505A	-	A	A	B	B	C	C	D	E	F															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8506	-	A	A	B	B	C	C	D	F	G															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8507	-	A	B	C	C	D	D	D	D	D															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8508	-	A	B	C	C	D	E	E	E	E															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8508A			-	A	A	B	C	C	C	D															
CURTAIN WALL REMEIDAL CASE FOR STARTER EMBED	J856-SD-CW-8508B				-	-	A	B	B	B	B															
CURTAIN WALL REMEIDAL CASE FOR TYPICAL EMBED	J856-SD-CW-8508C								-	-	-															
CURTAIN WALL REMEIDAL CASE	J856-SD-CW-8508D									-	-															
CURTAIN WALL REMEIDAL CASE	J856-SD-CW-8508E									-	-															
CURTAIN WALL REMEIDAL CASE	J856-SD-CW-8508F									-	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8509	-	A	A	B	B	C	D	D	D	D															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8510	-	A	A	B	B	C	D	D	D	E															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8510A	-	A	A	B	B	C	D	D	D	D															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8510B							-	-	-	-															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8510C							-	-	-	-															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8511	-	A	A	B	B	C	D	D	D	E															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8512		-	-	-	A	B	C	D	E	F															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8513		-	-	-	-	A	A	B	C	D															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8513A									-	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8514				-	-	A	A	B	B	C															

IN-HOUSE DESIGN CHECKER

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

DWG NO. : J856-SD-CW-0003 | REV. : H

DRAWING SUBMISSION REGISTER

PROJECT:
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.
TITLE:
9TH SHOPDRAWING FOR CURTAIN WALL

DATE OF ISSUE										
ISSUE	01	2r1	03	04	4r 2	05	06	07	8r1	09
DAY	23	30	13	10	03	10	31	22	04	23
MONTH	11	12	01	03	04	05	05	08	10	11
YEAR	22	22	23	23	23	23	23	23	23	23

SUBMISSION STATE (FOR B.D / A.S.D)

AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

SUBMISSION STATE (FOR CLIENT / CONSULTANT)

AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

SUBMISSION STATE (FOR ARCHITECT)

AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

FABRICATION / CONSTRUCTION STATE

ISSUE TO CHINA OFFICE
ISSUE TO SITE
ISSUE TO SUB-CONTRACTOR

DRAWING TITLE	DWG. NO.	REVISIONS										COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8515					-	-	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8516					-	-	A	A	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8517								-	A	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8518								-	A	B															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8519								-	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8520								-	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8521								-	A	A															
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8522								-	A	B															
TYPICAL EMBED SECTION SETTING OUT	J856-SD-CW-9001	-	A	A	B	B	B	B	B	B	B															

IN-HOUSE DESIGN CHECKER

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

DWG NO. : J856-SD-CW-0004 | REV. : H

GENERAL NOTES FOR TOWER CURTAIN WALL (TOWER 1,2,3) (3/F-R/F; OMIT: 4/F,13/F,14/F,24/F,34/F,44/F)

1. DESIGN CODES :
   a) BUILDING (CONSTRUCTION) REGULATIONS, HONG KONG.
   b) CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011, HONG KONG.
   c) CODE OF PRACTICE FOR THE STRUCTURAL USE OF CONCRETE 2013, HONG KONG.
   d) CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004.
   e) CODE OF PRACTICE FOR DEAD AND IMPOSED LOADS 2011.
   f) BS 8118 - THE STRUCTURAL USE OF ALUMINIUM, PART I - 1991. (WIND LOAD FACTOR COMPLY TO PNAP APP-53)
   g) CODE OF PRACTICE FOR STRUCTURAL USE OF GLASS 2018.
   h) STRUCTURAL DESIGN FOR OF STAINLESS STEEL, THE STEEL CONSTRUCTION INSTITUTE PUBLICATION P291 (PUBLISHED 2002).

2. DESIGN LOADS :
   a) WIND LOAD (TOPOGRAPHIC FACTOR Sa = 1) :
      HEIGHT ABOVE GROUND LEVEL = 151.8 - 5.91 = 145.89m
      BASIC WIND LOAD: 3.05 KPa (BELOW 150m) FOR TOWER
      DESIGN WIND LOAD (Cp = +1.0/-1.4): 3.05 x (Cp = +1.0/-1.4) = +3.05/-4.27 KPa (FOR CURTAIN WALL)
      DESIGN WIND LOAD (Cp = -2.2): 3.05 x (Cp = -2.2) = -6.71 KPa (FOR ALUM FEATURE)
   b) IMPOSED LOAD : (FOR PROTECTIVE BARRIER)
      HORIZONTAL IMPOSED LOAD SHALL BE COMPLIED WITH CODE OF PRACTICE FOR DEAD & IMPOSED LOADS 2011.
      FOR AREAS (WHERE CONGREGATION OF PEOPLE IS NOT EXPECTED) :-
      i) LIVE LOAD TO BE APPLIED AT A HEIGHT OF 1.1m ABOVE F.F.L. = 0.75 kN/m
      ii) UNIFORMLY DISTRIBUTED LOAD TO BE APPLIED ON THE INFILL BETWEEN FLOOR AND TOP RAIL = 1.0 kPa
      iii) CONCENTRATED LOAD TO BE APPLIED ON ANY PART OF THE INFILL BETWEEN FLOOR AND TOP RAIL = 0.5 kN
   c) DEAD LOAD :
      GLASS WEIGHT: 26 kN/m³
      STEEL WEIGHT: 77 kN/m³
      ALUMINIUM WEIGHT: 27.2 kN/m³

3. ALUMINIUM ALLOY :
   a) ALUMINIUM SHEET : ALL ALUMINIUM SHEET TO BE ALLOY 3003-H14 TO ALUMINUM AND ALUMINUM ALLOYS - SHEET, STRIP AND PLATE, BS EN 485-2:2008 & ALUMINUM AND ALUMINUM ALLOYS CHEMICAL COMPOSITION AND FORM OF WROUGHT PRODUCTS, BS EN 573-3:2009.

0.2% PROOF (YIELD) STRENGTH	= 125 MPa	DENSITY	= 27.2kN/m
MINIMUM ULTIMATE TENSILE STRESS	= 145 MPa	LIMITING BENDING STRENGTH	= 125 MPa
MODULUS OF ELASTICITY (E)	= 70000 MPa	LIMITING TENSILE STRENGTH	= 135 MPa
LIMITING SHEAR STRENGTH	= 75 MPa	DEFLECTION LIMIT = SPAN/180 OR 20mm	

   b) ALUMINIUM EXTRUSION : IN ACCORDANCE WITH DESIGN CODE BS 8118-1:1991, COMPLY TO ALUMINUM AND ALUMINUM ALLOYS, EXTRUDED ROD/BAR, TUBE AND PROFILES, BS EN 755-2:2008 & ALUMINUM AND ALUMINUM ALLOYS CHEMICAL COMPOSITION AND FORM OF WROUGHT PRODUCTS, BS EN 573-3:2009.
      MODULUS OF ELASTICITY = 70000 MPa

ALLOY NAME:	6063-T5	6063-T6	6061-T6
MINIMUM 0.2% PROOF STRENGTH:	f_{o2} = 110 N/mm²	f_{o2} = 160 N/mm²	f_{o2} = 240 N/mm²
LIMITING STRESS FOR BENDING AND OVERALL YIELDING:	P_o = 110 N/mm²	P_o = 160 N/mm²	P_o = 240 N/mm²
LIMITING STRESS FOR LOCAL CAPACITY OF THE SECTION IN TENSION OR COMPRESSION:	P_a = 130 N/mm²	P_a = 175 N/mm²	P_a = 260 N/mm²
LIMITING STRESS IN SHEAR:	P_v = 65 N/mm²	P_v = 95 N/mm²	P_v = 145 N/mm²
LIMITING STRESS IN BEARING:	P_{bs} = 130 N/mm²	P_{bs} = 175 N/mm²	P_{bs} = 260 N/mm²

4. STRUCTURAL MILD STEEL AND FINISH :
   a) ALL MILD STEEL SHALL BE GRADE S275 (CLASS 1) TO CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011 AND COMPLY TO BS EN 10025:2004 (FOR JO) & BS EN 10210-1:2006 (FOR J0H).
   b) SURFACE TREATMENT SHALL BE HOT-DIP GALVANIZED COMPLIED WITH BS EN ISO 1461:2009.

   FOR THICKNESS "T" : T≤16mm (GRADE S275)

YOUNG'S MODULUS	205,000 N/mm²
DENSITY	77 kN/m³
YIELD STRENGTH	275 N/mm²
TENSILE STRENGTH	275 N/mm²
BENDING STRENGTH	275 N/mm²
SHEAR STRENGTH	158.8 N/mm²

BS EN ISO 1461:2009 (TABLE 3) COATING THICKNESS (MIN):	
STEEL THICKNESS (T)	AVERAGE COATING THICKNESS
T > 6mm	85 um
3mm< T <= 6mm	70 um
1.5mm< T <= 3mm	55 um
T < 1.5mm	45 um

5. GLASS :
   a) GLASS USED TO BE :
      (G) IGU GLASS (8mm THICK HEAT STRENGTHENED GLASS + 12mm THICK AIR + 10mm THICK TEMPERED GLASS)
      (G) IGU GLASS (8mm THICK HEAT STRENGTHENED GLASS + 12mm THICK AIR + 12mm THICK TEMPERED GLASS)
      (G) 10mm THICK HEAT STRENGTHENED GLASS
      (G) 12mm THICK HEAT STRENGTHENED GLASS
      (G) 12mm THICK TEMPERED GLASS
   b) DESIGN OF GLASS SHALL COMPLY TO BS 6262:2005.
      -ALLOWABLE BENDING STRENGTH (TEMPERED) =80 N/mm² (FOR CLEAR GLASS)
      -ALLOWABLE BENDING STRENGTH (HEAT STRENGTHENED) =40 N/mm² (FOR CLEAR GLASS)
      -YOUNG'S MODULUS =70,000 N/mm²
   c) GLASS MATERIALS SHALL COMPLY TO BS 952:1995.
   d) RESIDUAL SURFACE COMPRESSION FOR TEMPERED GLASS TO BE NOT LESS THAN 69 MPa. RESIDUAL SURFACE COMPRESSIVE FOR HEAT STRENGTHENED GLASS TO BETWEEN 24 AND 52 mpa.
   e) FULLY TEMPERED GLASS TO BE 100% HEAT SOAK TESTED IN ACCORDANCE WITH BS EN 14179-1:2016 & COMPLIED WITH PNAP APP-37.

6. WELDING FOR STRUCTURAL STEEL:
   a) ALL WELDING SHALL BE COMPLIED WITH BS EN 1011-1:2009.
   b) ALL SITE WELDS SHALL BE RECEIVED 2 COATS OF ZINE CHROMATE PRIMER TO BS 4652:2003.
   c) ALL WELDING SHALL BE CARRIED OUT BY QUALIFIED WELDER, WELDER SHALL BE TESTED TO BS EN ISO 9606-1:2013.
   d) ELECTRODES USED IN WELD SHALL BE COMPLIED WITH BS EN ISO 2560:2009 OR BS EN ISO 17632:2008
   e) UNLESS OTHERWISE INDICATED, ALL WELDS SHALL BE 5mm THICK FILLET WELD ALL AROUND.
   f) DESIGN WELD STRENGHT: pw = 220 MPa.

7. SILICONE SEALANT, GASKET & SETTING BLOCK :
   a) "DOW CORNING(R) - DC791" SILICON SEALANT TO BE USED AS WEATHER GLAZING SEALANT.
   b) "DOW CORNING(R) STRUCTURAL SILICONE SEALANT TYPE 983" TO BE USED AS STRUCTURAL GLAZING SEALANT. (BD. REF. no.: BD-SS001) ALLOWABLE DESIGN STRENGTH = 138kPa FOR WIND LOAD CHECKING ONLY.
   c) ALL GASKET USED SHALL BE DENSE EXTRUDED SILICONE WITH A SHORE HARDNESS OF 65°±5°.
   d) SETTING BLOCKS SHALL BE DENSE EXTRUDED SILICONE WITH A SHORE HARDNESS OF 85°±5° DUROMETER SHORE A, A MIN. LENGTH OF 100 mm & A MIN. WIDTH CORRESPONDING TO THE GLASS THICKNESS & LOCATED AT GLASS QUARTER POINTS.

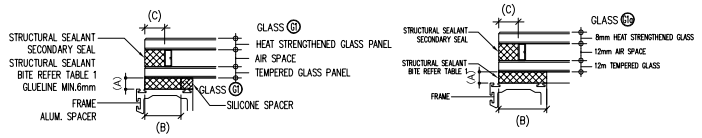


TABLE 1 (FOR VISION GLASS (G1) & (G2))

GLASS TYPE	SHORT SIDE, S	SEALANT THICKNESS (A)	SEALANT BITE (B)	SEALANT BITE (C)
(G1) (OPENABLE WINDOW)	S <= 1200mm	6mm	21mm (MIN)	15mm
(G1) (FIX WINDOW)	S <= 1200mm	10mm	21mm (MIN)	15mm
(G1) (FIX WINDOW)	S <= 1970mm	10mm	33mm (MIN)	15mm
(G2) (FIX WINDOW)	S <= 2065mm	8mm	37mm (MIN: 33)	15mm

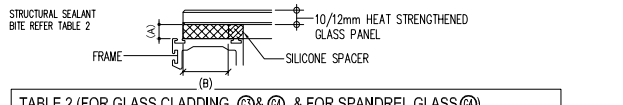


TABLE 2 (FOR GLASS CLADDING (G3)& (G4) & FOR SPANDREL GLASS (G4))

GLASS TYPE	SHORT SIDE, S	SEALANT THICKNESS (A)	SEALANT BITE (B)
(G3) (GLASS CLADDING)	S <= 675mm	8mm	16mm (MIN)
(G4) (SPANDREL GLASS) TYPICAL CASE	S <= 1005mm	8mm	21mm (MIN)
(G4) (SPANDREL GLASS) CORNER CASE	S <= 1005mm	6mm	21mm (MIN)
(G4) (GLASS CLADDING @ 46/F)	S <= 1020mm	8mm	24mm (MIN)

8. FASTENERS
   ALL FASTENERS, SCREWS, BOLTS & NUTS SHALL BE STAINLESS STEEL GRADE A4-70 COMPLYING WITH BS EN ISO 3506:2009.

MINIMUM YIELD STRENGTH, Ysb	=	450 MPa
ULTIMATE TENSILE STRENGTH, Usb	=	700 MPa
SHEAR STRENGTH, Psb	=	311 MPa
TENSILE STRENGTH, Ptb	=	450 MPa
BEARING STRENGTH, Pbb	=	828 MPa

   UNLESS OTHER SPECIFIED, ALL SCREWS SHALL BE M5 AT 300 C/C GRADE A4-70 STAINLESS STEEL COMPLIED WITH BS EN ISO 3506:2009.

9. FIRE STOP AND THERMAL INSULATION:
   9.1) THERMAL INSULATION: "CSR" 110Kg/mm ROCKWOOL FIBERTES-820 (KNOWN AS "ROCKWOOL CURTAINROCK 80 PLUS 110kg/m³)
   9.2) FIRE STOP: "CSR" FIRE SEAL FS60 (KNOWN AS ROCKWOOL ROCKSAFE 60kg/m³) SHALL BE 135mm THK., DENSITY=60kg/m³) (BD REF. : BD-FS-011) FOR FIRE RATING OF 2HRS
   9.3) SMOKE SEAL: "MIDI ALUMINIUM FABRICATOR LTD" SMOKE SEAL, SHALL BE COMPLY WITH FIRE CODE CLAUSE C10.2

10. ANCHOR BOLT (FOR ALUM. CAPPING & GLASS CLADDING ONLY)
    a) ALL DRILL-IN ANCHOR BOLTS SHALL BE HILTI HST3-R AS SHOWN IN THE DRAWINGS. AND SHALL BE DESIGNED
    b) THE INSTALLATION OF DRILL-IN ANCHOR BOLTS SHALL BE STRICTLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION & RECOMMENDATION.
    c) COVER-METER SHOULD BE APPLIED TO PREVENT ANCHOR BOLTS HIT THE EXISTING REINFORCEMENT BARS.

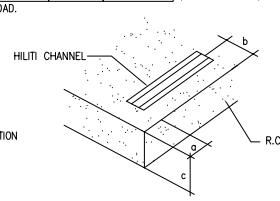
FOR CRACKED CONCRETE TABLE:

ANCHOR TYPE	MINIMUM SPACING (mm)	MINIMUM EDGE DISTANCE (mm)	EFFECTIVE ANCHORAGE LENGTH (mm) TO SOUND CONCRETE	RECOMMENDED LOAD (kN) FOR CRACKED CONCRETE INFLUENCING FACTOR FOR GRADE 600 CONCRETE = 1.55		TENSION TEST LOAD (kN)	BD REF. NO.	MINIMUM BASE MATERIAL THICKNESS (mm)	
				TENSION	SHEAR				
HILTI HST3-R M8	35 (50)	40 (50)	47	2.8x1.55 = 4.34	5.2x1.55 = 8.06	6.57	BD-AF151	100	(FOR GLASS CLADDING ONLY)
HILTI HST3-R M10	40 (55)	45 (80)	60	5x1.55 = 7.75	8.4x1.55 = 13.02	11.63	BD-AF149	120	(FOR ALUM. CLADDING ONLY)
HILTI HST3-R M16	65	65	85	9.4x1.55 = 14.57	21.2x1.55 = 32.86	21.86	BD-AF148	140	(FOR REMEDIAL CASE)

INFLUENCING FACTOR FOR GRADE 600 CONCRETE = 1.55, TEST LOAD SHOULD BE 1.5xRECOMMENDED TENSION LOAD.

11. ALUMINIUM STUD BY DRAWN ARC STUD WELD
    ALUMINIUM STUD SHALL BE M6 GRADE 5754 AND DESIGNED TO BS 8118-1:1991.
    DESIGN AND QUALITY ASSURANCE OF DRAWN ARC STUD WELD SHALL COMPLY WITH BS EN ISO 14555:2017.
    ALUMINIUM STUD TYPE SHALL BE THREADED STUD (PT) AND COMPLY WITH BS EN ISO 13918:2018.
    MINIMUM 0.2% PROOF STRENGTH: f_{o2} = 60 N/mm²

12. CAST-IN CHANNEL (BD Ref. : BD-AF132 & BD-AF134)
    a) ALL CAST-IN CHANNEL UESD TO BE "HILTI" HAC-50, HAC-60 & HAC-70 CHANNEL TO CRACKED CONCRETE
    b) THE INSTALLATION OF CHANNEL FIXING SHALL STRICTLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION AND LIMITATION INCLUDING CONCRETE GRADE EDGE DISTANCE ANCHOR SPACING ETC.
    c) USED TO BE HBC-C 8.8-M16x80mm LONG WHICH COMPLY WITH BS 3692. 1967 (FOR TYPICAL)
       USED TO BE HBC-C-N 8.8-M16x80mm LONG WHICH COMPLY WITH BS 3692. 1967 (FOR END BAY)
    d) 2 NOS. OF M16 GRADE 8.8 F.T. BOLT SPACING REFER TO EMBED DETAIL (DWG. NO. BD-TCW-ED01)
    e) BOTH 350mm, 450mm LENGTH OF HILTI CAST-IN CHANNEL WILL BE TESTED OF THE TEST LOAD.
    f) METHOD STATEMENT OF TEST WILL BE SUBMITTED ONE WEEK BEFORE THE COMMER CEMENT OF THE CAST-IN CHANNEL.



CHANNEL TYPE	MIN. EDGE DIM. (a)	MIN. EDGE DIM. (b)	MIN. DEPTH DIM. (c)	RECOMMENDED LOAD FOR CHANNEL (kN)		TEST LOAD (kN) = RECOMMENDED LOAD x 1.5	BD REF. NO.
HAC-60 W/. 2 NOS. M16 G.M.S. HBC-C T-BOLT (GR. 8.8)	75mm	150mm	148mm	TENSION : 32.7	SHEAR : 17.4	TENSION : 49.05	BD-AF132
HAC-70 W/. 2 NOS. M16 G.M.S. HBC-C T-BOLT (GR. 8.8)	75mm	150mm	175mm	TENSION : 41.7	SHEAR : 22.8	TENSION : 62.55	BD-AF134

13. G.M.S. CAST-IN EMBED:
    a) CAST-IN EMBED BAR SHALL BE GRADE 500B TO COMPLIED WITH CS2-2012. SPECIFIED CHARACTERISTIC STRENGTH = 500 N/mm² (EMBED TYPE: EM03)
    b) ALL CAST-IN PLATE SHALL BE GRADE S275 (CLASS 1) TO CODE OF PRACTICE FOR STRUCTURE USE OF STEEL 2011 AND COMPLY TO BS EN 10025:2004 (FOR JO) & BS EN 10210-1:2006 (FOR J0H). YIELD STRENGTH = 275 N/mm²
    c) SURFACE TREATMENT SHALL BE HOT-DIP GALVANIZED COMPLIED WITH BS EN ISO 1461:2009. (MIN. THICKNESS = 85 MICRONS)
    d) CAST-IN EMBED STEEL ROD (FOR EM09) SHALL BE GRADE S275 J0 TO BE COMPLIED WITH BS EN 10025 2004.

14. ISOLATION FOR METALS
    APPLIED A LAYER OF BITUMINOUS PAINT (COMPLY WITH BS 3416:1991) FOR PROTECTION AGAINST BI-METALLIC CORROSION FOR BARE ALUMINIUM/STEEL CONTACTED SURFACE & STEEL/CONCRETE INTERFACE.
    PLASTIC ISOLATION TYPE (COMPLY WITH BS PD 6484: 1979) TO BE PROVIDED BETWEEN CONTACT SURFACE OF ALUMINIUM AND STEEL TO PREVENT DIRECT CONTACT BETWEEN DISSIMILAR METALS

15. OPENABLE WINDOW
    ALL OPENABLE WINDOW OF CURTAIN WALL ARE FOR INFORMATION ONLY AND SHOULD BE APPROVED UNDER CLOSED AND LOCKED CONDITION.

15a. CONCRETE GRADE (FOR INFORMATION ONLY)
    ALL R.C. STRUCTURE SHOWN IN THE SUBMISSION SHALL BE GRADE C45 COMPLY WITH CODE OF PRACTICE FOR THE STRUCTURAL USE OF CONCRETE, 2013 HONG KONG.

16. GBP APPROVAL DATE: 19/06/2023
    SUPERSTRUCTURE APPROVAL DATE: 11/07/2018

17. TOLERANCE OF FIXING BRACKET OF CURTAIN WALL SHALL BE ± 15mm [HORIZONTAL DIRECTION : (PARALLEL / PERPENDICULAR TO CURTAIN WALL & VERTICAL DIRECTION)]

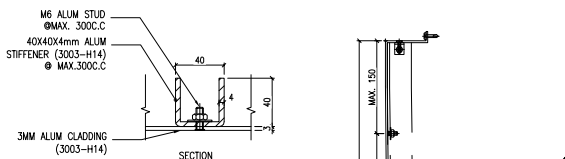
18. STAINLESS STEEL :
    ALL STAINLESS STEEL TO BE GRADE 304 (1.4301) AND GRADE 316 (1.4401) TO BS EN 10088-1

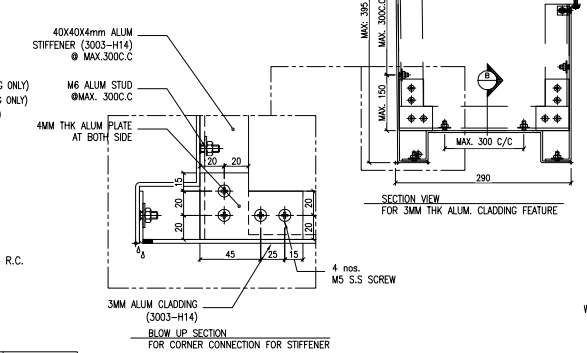
YOUNG'S MODULUS	200,000 N/mm²
DENSITY	79 KN/m³
MIN. 0.2% PROOF STRENGTH	210 N/mm² (FOR GRADE 304) 220 N/mm² (FOR GRADE 316)
ULTIMATE TENSILE STRENGTH	520 N/mm²

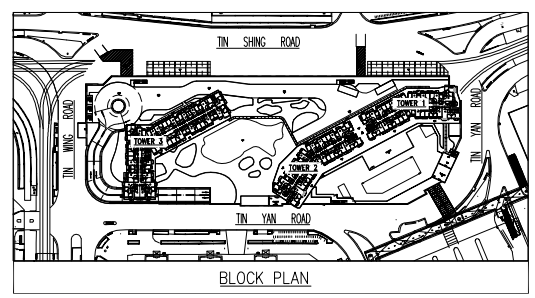
19. HOLDING DOWN BOLT (FOR EMBED ONLY) :
    ALL HOLDING DOWN BOLT SHOULD BE GRADE 8.8 BOLT COMPPLY WITH BS 4190:2011 AND DESIGN TO CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011

    GRADE 8.8

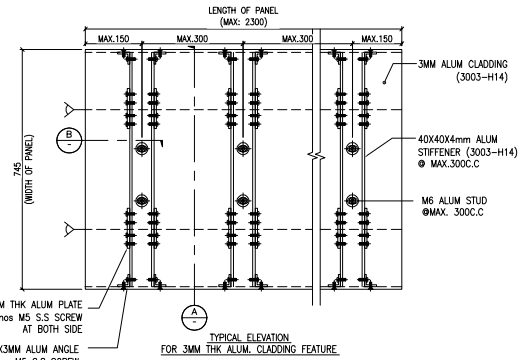
SHEAR STRENGTH	375 N/mm²
TENSILE STRENGTH	560 N/mm²
BEARING STRENGTH	1000 N/mm²

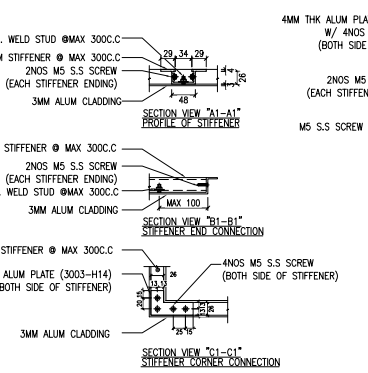


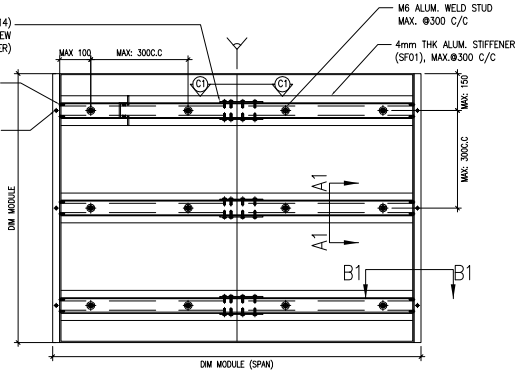




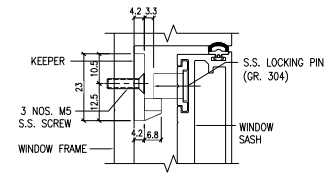
BLOCK PLAN



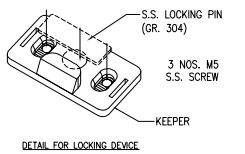




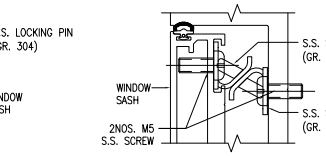
REMARK: 3mm ALUM. CLADDING SPAN EXCEED 300MM, WITH 4mm STIFFENER @ MAX.300C.C FOR & : 3mm ALUM CLADDING WITH 4MM STIFFENER @ MAX.200C.C



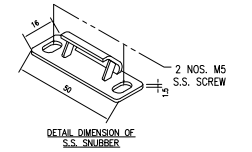
BLOW UP DETAIL "1A"



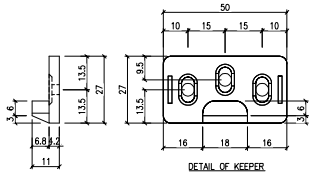
DETAIL FOR LOCKING DEVICE



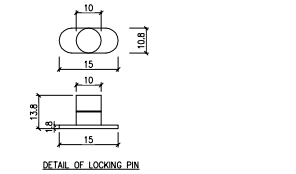
BLOW UP DETAIL "B"



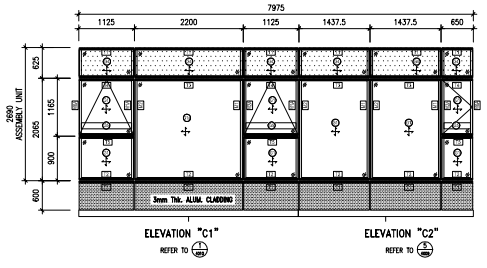
REMARK:
MODEL#: STAINLESS STEEL WEDGE "SBS"



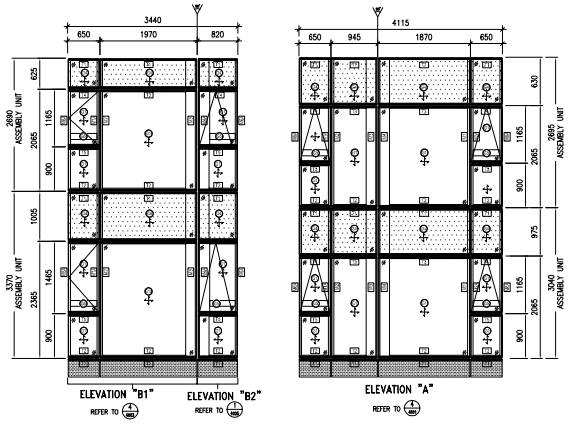
REMARK:
MODEL#: "KPB"

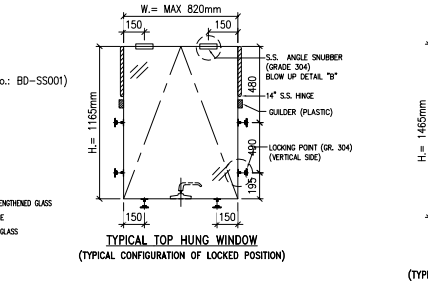


REMARK:
MODEL#: ROLLER (ASRP-13.8)

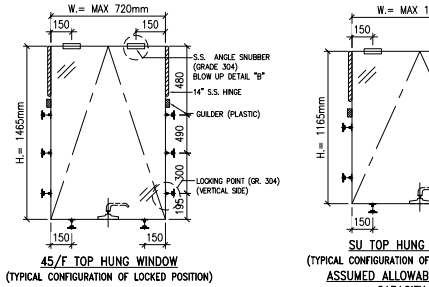


CURTAIN WALL SAFETY TEST ELEVATION

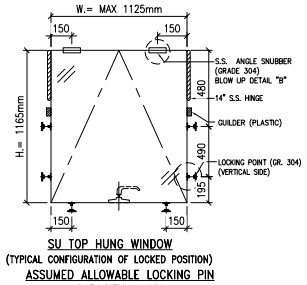




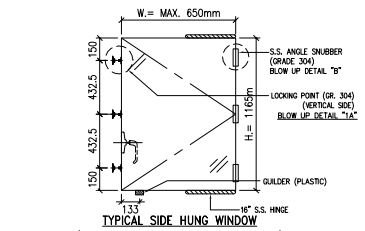
TYPICAL TOP HUNG WINDOW
(TYPICAL CONFIGURATION OF LOCKED POSITION)



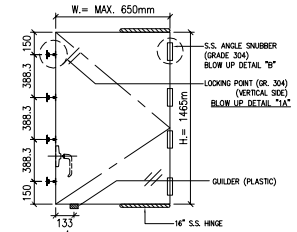
45/F TOP HUNG WINDOW
(TYPICAL CONFIGURATION OF LOCKED POSITION)



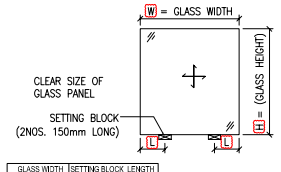
SU TOP HUNG WINDOW
(TYPICAL CONFIGURATION OF LOCKED POSITION)
ASSUMED ALLOWABLE LOCKING PIN CAPACITY=1.1KN
(F.O.S.=2.52 , PROOF LOAD TEST SHALL COMPLY WITH PNAP APP-37)



TYPICAL SIDE HUNG WINDOW
(TYPICAL CONFIGURATION OF LOCKED POSITION)
ASSUMED ALLOWABLE LOCKING PIN CAPACITY=1.1KN
(F.O.S.=2.52 , PROOF LOAD TEST SHALL COMPLY WITH PNAP APP-37)



45/F SIDE HUNG WINDOW
(TYPICAL CONFIGURATION OF LOCKED POSITION)



GLASS WIDTH	SETTING BLOCK LENGTH
W<=1000	100mm
1000<W<=1500	125mm
1500<W<=2200	150mm

W<1800, L =1/4 FOR SPAN
W>1800, L =1/8 FOR SPAN

OPENABLE WINDOW HINGE(FOR INFORMATION)

L (mm)	H (mm)	WEIGHT(MAX) (kg)	GLASS TYPE	SH/TH	HINGE MODEL	MAX LOAD (kg)	80% LOAD (kg)
650	1165	43.48521	8HS+12air+10T	SH	HYLS16 (PAIR)	83	65
650	1465	53.81541	8HS+12air+10T	SH	HYLS16 (PAIR)	83	65
820/720	1165	53.27874	8HS+12air+10T	TH	HYLP14-L + HYLP-14R (PAIR)	92	74
720	1465	58.79304	8HS+12air+10T	TH		92	74
1125	1165	70.84836	8HS+12air+10T	TH		92	74
815	1165	52.99070	8HS+12air+10T	TH		92	74
900	1165	57.88746	8HS+12air+10T	TH		92	74

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
G	29-OCT-2023	9TH SUBMISSION	CF
F	29-SEP-2023	8TH SUBMISSION	CF
E	22-AUG-2023	7TH SUBMISSION	CF
D	30-MAY-2023	6TH SUBMISSION	CF
C	27-APR-2023	5TH SUBMISSION	CF

JOB NO. : J-856

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

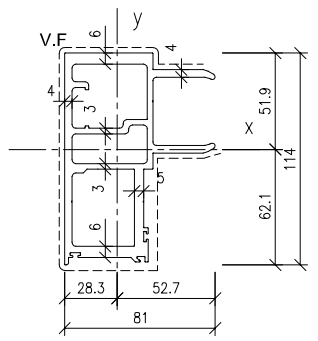
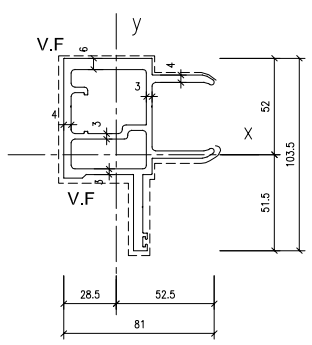
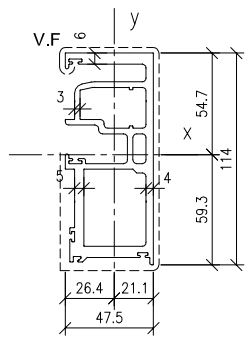
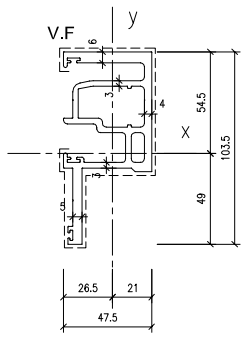
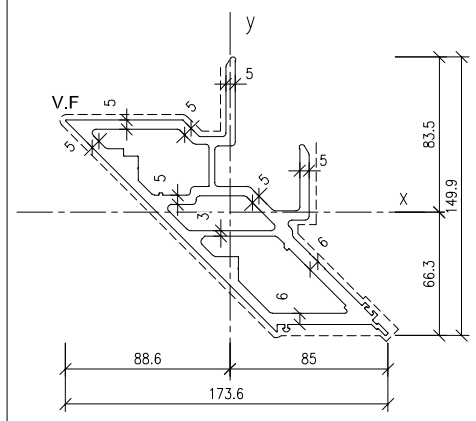
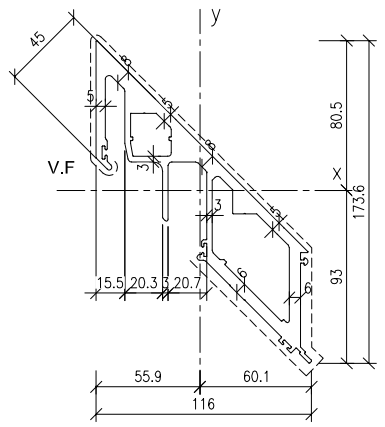
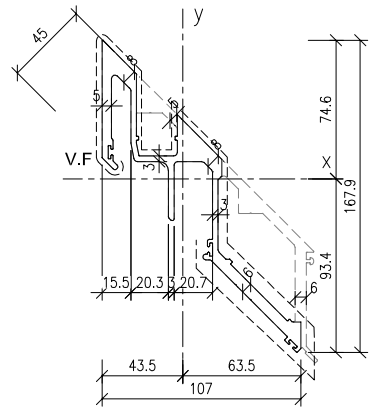
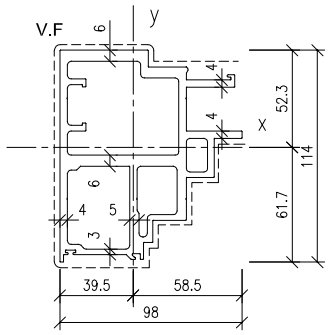
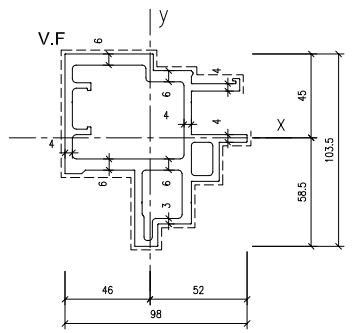
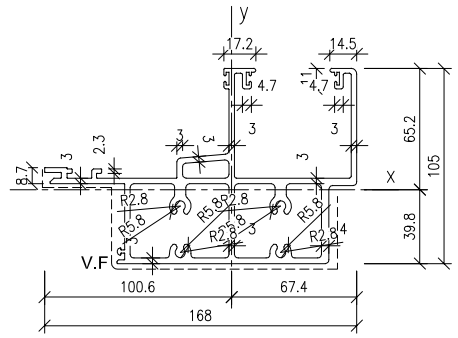
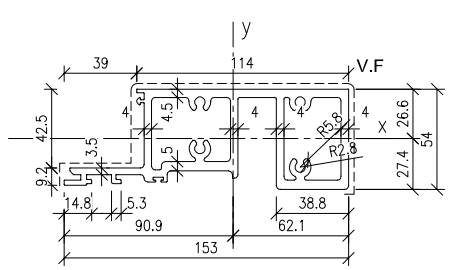
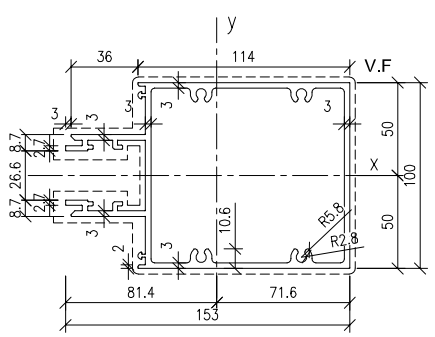
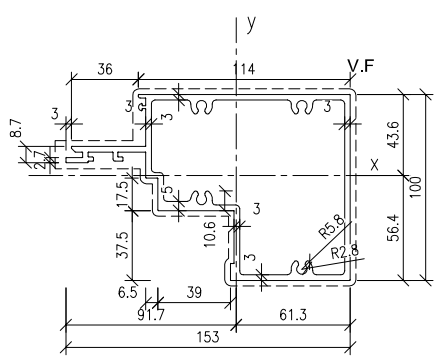
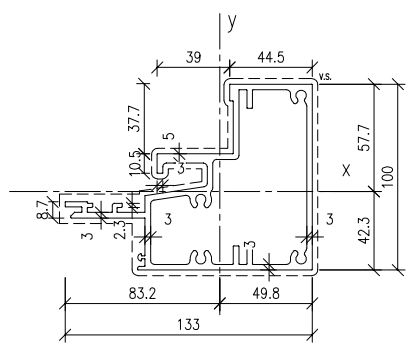
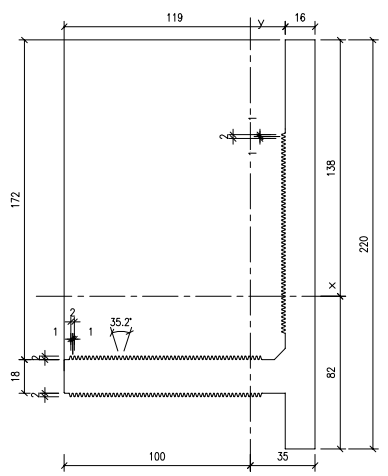
TITLE :
GENERAL NOTE FOR CURTAIN WALL

DATE : 31-OCT-21 | SCALE : NTS

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-1001 | REV. : G

SECTION		 (KNOWN AS "X86364")		 (KNOWN AS "X86365")	
MEMBER MARK	AM01	AM01A	AM02	AM02A	AM03
AREA (mm^2)	1917.31	1477.42	1693.56	1253.67	3256.80
Ixx (mm^4)	2501812.00	1166887.75	2285209.18	1049677.05	4486881.58
Iyy (mm^4)	883943.98	695880.38	425304.85	310610.02	5426661.15
Zxx (mm^3)	40291.17	17794.39	38532.42	16323.00	53711.56
Zyy (mm^3)	16765.98	14211.50	16102.43	12673.60	61249.83
MATERIAL	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6
SECTION		 (KNOWN AS "AM04")		 (KNOWN AS "X86367")	
MEMBER MARK	AM04	AM04A (NOTCH FROM AM04)	AM06	AM06A	AT01
AREA (mm^2)	2689.67	1708.43	2442.99	2082.53	2226.59
Ixx (mm^4)	5292002.00	3421880.38	2680562.40	1747579.57	1836603.44
Iyy (mm^4)	3453878.23	1695730.43	1887501.90	1524869.32	4191067.58
Zxx (mm^3)	56875.89	36643.67	43447.88	29616.14	28178.20
Zyy (mm^3)	57506.48	26691.87	32238.84	28176.63	41647.28
MATERIAL	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6
SECTION					
MEMBER MARK	AT02	AT03	AT04	AT05	AB01(NEW)
AREA (mm^2)	2086.75	1830.66	1676.56	1720.99	5995.963
Ixx (mm^4)	735247.52	2564163.20	2019225.97	1799076.38	21628099.831
Iyy (mm^4)	3503765.41	4354414.77	3274776.17	2219338.32	9340917.314
Zxx (mm^3)	26826.25	51283.26	35798.58	31154.61	156841
Zyy (mm^3)	38528.12	53502.69	35719.67	26667.76	93238
MATERIAL	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6061-T6

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
C	22-AUG-2023	7TH SUBMISSION	

JOB NO. : J-856

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

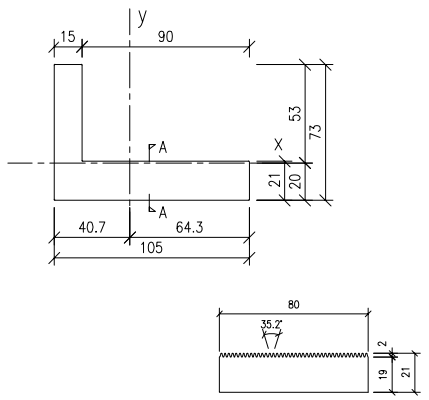
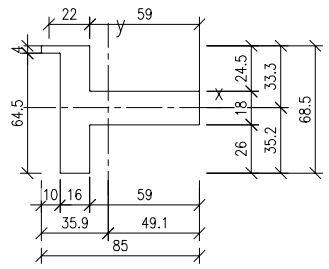
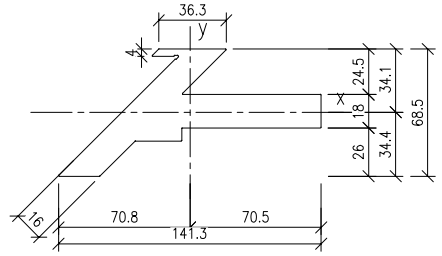
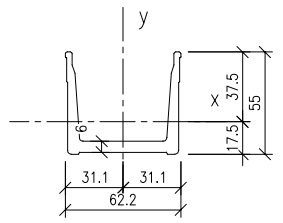
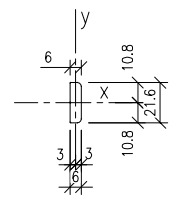
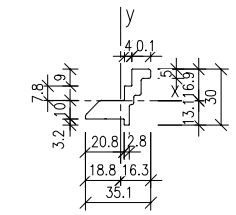
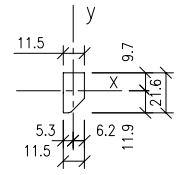
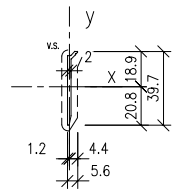
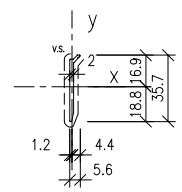
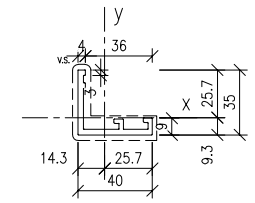
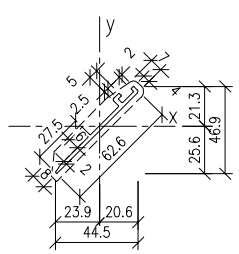
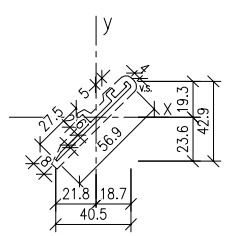
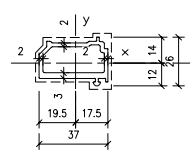
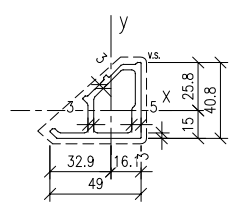
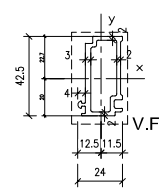
TITLE :
SECTION PROPERTIES

DATE : 31-OCT-21 | SCALE : NTS

DRAWN BY : C.F | 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-CW-1101 | REV. : C

SECTION	 SECTION A	 (KNOWN AS "X86372")	 (KNOWN AS "X86373")		
MEMBER MARK	AB02	AB03	AB04	GS01	MS01
AREA (mm^2)	2984.92	2197.9229	3269.0104	837.94	127.70
Ixx (mm^4)	1024287.28	497415.1697	725812.4725	209007.75	4850.13
Iyy (mm^4)	3207011.87	1128979.7412	3866320.1755	470263.80	375.75
Zxx (mm^3)	19339.77	14131	21078	5570.30	449.09
Zyy (mm^3)	49907.51	22985	54593	15121.02	124.00
MATERIAL	ALLOY 6061–T6	ALLOY 6061–T6	ALLOY 6061–T6	ALLOY 6061–T6	ALLOY 6061–T6
SECTION					 (KNOWN AS "X86412")
MEMBER MARK	MS02	MS03	AC01	AC02	AC03
AREA (mm^2)	348.66	217.69	78.52	70.52	260.43
Ixx (mm^4)	22437.21	7205.55	9979.70	7213.19	27661.95
Iyy (mm^4)	25609.38	2284.89	63.39	60.47	48777.55
Zxx (mm^3)	1327.87	603.02	480.19	384.28	1077.53
Zyy (mm^3)	1360.10	369.41	14.44	13.84	1900.53
MATERIAL	ALLOY 6061–T6	ALLOY 6061–T6	ALLOY 6063–T5	ALLOY 6063–T5	ALLOY 6063–T6
SECTION		 (KNOWN AS "X86369")	 (KNOWN AS "X86371")	 (KNOWN AS "X86391")	 (KNOWN AS "X86374")
MEMBER MARK	AC04	AC05	AD01	AD02	AD03
AREA (mm^2)	152.69	141.37	257.490	442.43	293.6887
Ixx (mm^4)	25181.97	18988.27	15153.153	76291.37	59294.3218
Iyy (mm^4)	22896.97	16930.31	39468.534	81383.11	59294.3218
Zxx (mm^3)	982.91	803.32	1084	2954.70	2613
Zyy (mm^3)	958.14	775.42	2011	2473.77	1318
MATERIAL	ALLOY 6063–T5	ALLOY 6063–T5	ALLOY 6063–T6	ALLOY 6063–T6	ALLOY 6063–T6

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
C	22–AUG–2023	7TH SUBMISSION	

JOB NO. : J–856

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

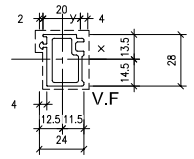
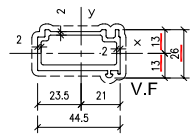
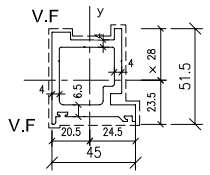
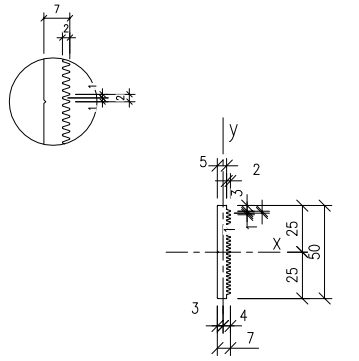
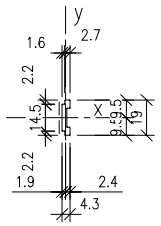
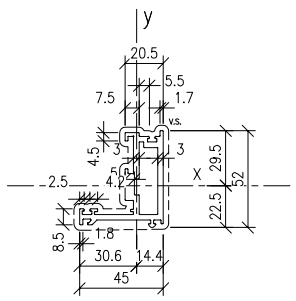
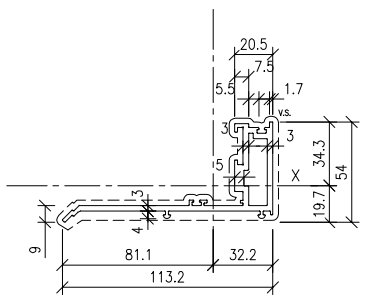
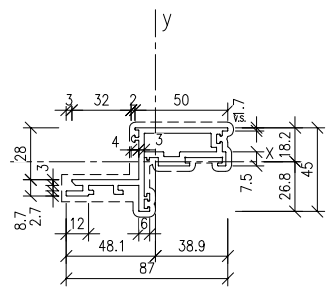
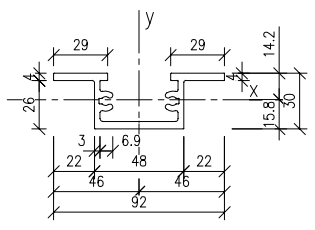
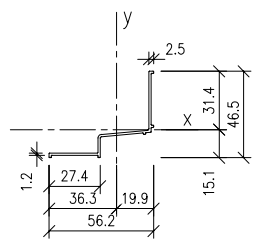
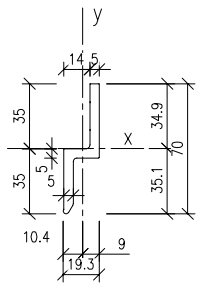
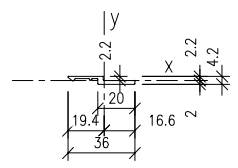
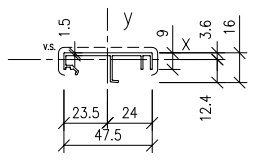
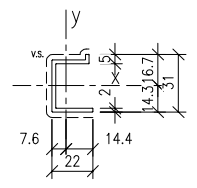
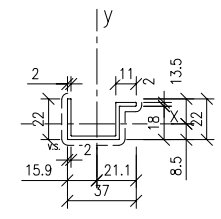
TITLE :
SECTION PROPERTIES

DATE : 31–OCT–21 | SCALE : NTS

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856–SD–CW–1102 | REV. : C

SECTION					
	(KNOWN AS "X86375")	(KNOWN AS "X86376")	(KNOWN AS "X86366")		(KNOWN AS "X86370")
MEMBER MARK	AD04	AD05	AD06	AW01	AW02
AREA (mm^2)	222.691	313.934	786.590	295.75	56.06
Ixx (mm^4)	19909.683	21938.365	203207.388	60169.14	1783.72
Iyy (mm^4)	12007.134	71608.627	158412.546	949.18	73.94
Zxx (mm^3)	1372	3058	7296	2406.30	187.76
Zyy (mm^3)	966	1662	6439	237.00	30.97
MATERIAL	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6061-T6	ALLOY 6063-T6
SECTION					
				(KNOWN AS "X86396")	
MEMBER MARK	WS01	WS02	WS03	SF02	AS01
AREA (mm^2)	535.50	736.92	698.05	639.53	122.57
Ixx (mm^4)	136349.77	181260.93	108546.26	78374.95	21149.87
Iyy (mm^4)	74323.15	759910.70	355649.73	376825.86	38516.02
Zxx (mm^3)	4622.95	5291.46	4052.40	4958.84	674.44
Zyy (mm^3)	2426.72	9371.79	7393.90	8191.87	1061.06
MATERIAL	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T5
SECTION					
MEMBER MARK	AJ01	AJ04	AC06	AC07	AC08
AREA (mm^2)	413.99	68.43	122.16	137.92	149.92
Ixx (mm^4)	135148.05	115.86	2103.80	17943.25	8166.26
Iyy (mm^4)	19156.31	6484.87	27987.64	6720.70	22256.75
Zxx (mm^3)	3845.33	52.43	169.56	1074.22	604.34
Zyy (mm^3)	1848.41	334.80	1166.17	465.83	1053.42
MATERIAL	ALLOY 6061-T6	ALLOY 6063-T5	ALLOY 6063-T5	ALLOY 6063-T5	ALLOY 6063-T5

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
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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

NO.	DATE	REVISED	BY
C	22-AUG-2023	7TH SUBMISSION	

JOB NO. : J-856

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

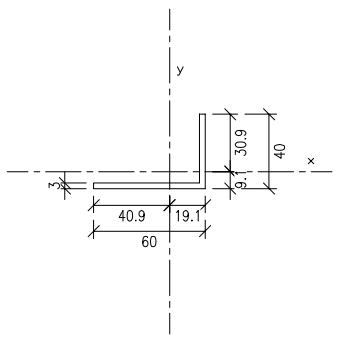
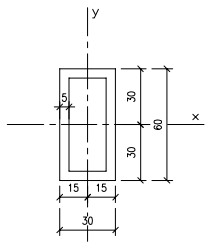
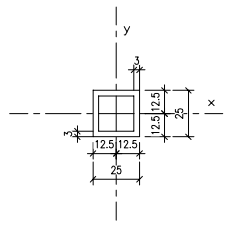
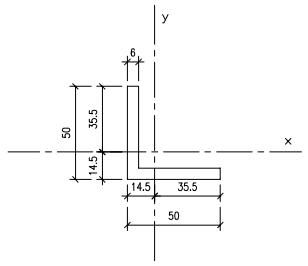
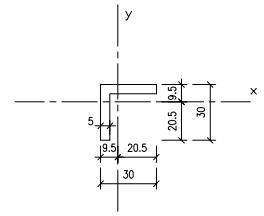
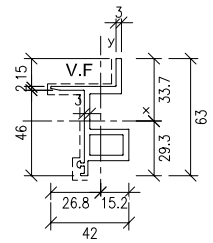
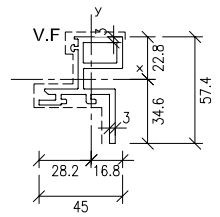
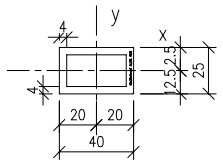
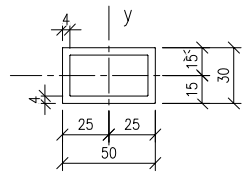
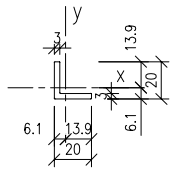
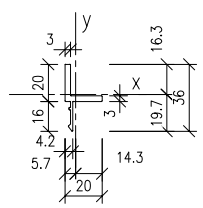
TITLE :
SECTION PROPERTIES

DATE : 31-OCT-21 | SCALE : NTS

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-1103 | REV. : C

SECTION					
MEMBER MARK	60x40x3mm ALUM ANGLE	60x30x5mm THK. ALUM. HOLLOW	25x25x3mm THK. ALUM. HOLLOW	50x50x6mm THK. ALUM. ANGLE	30x30x5mm THK. ALUM. ANGLE
AREA (mm^2)	291.0000	800.000	264.000	564.000	275.000
Ixx (mm^4)	40262.1675	331666.667	21692.000	131257.958	22163.826
Iyy (mm^4)	109852.1675	101666.667	21692.000	131257.958	22163.826
Zxx (mm^3)	1304	11056	1735	3719	1072
Zyy (mm^3)	2688	6778	1735	3719	1072
MATERIAL	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	6063-T6	6063-T6
SECTION	 (KNOWN AS "X86377")	 (KNOWN AS "X86378")			
MEMBER MARK	GC01	GC02	40x25x4mm THK ALUM. R.H.S.	50x30x4mm THK ALUM. R.H.S.	20x20x3mm THK ALUM. ANGLE
AREA (mm^2)	453.4319	512.2927	455.9	576	110.92
Ixx (mm^4)	127624.0761	110006.2200	38970.1	75224	4021.19
Iyy (mm^4)	39818.9402	69077.1601	86881.3	176657.8	4021.19
Zxx (mm^3)	3793	3180	3117.6	5014.9	289.13
Zyy (mm^3)	1488	2452	4344.1	7066.3	289.13
MATERIAL	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6	ALLOY 6063-T6
SECTION					
MEMBER MARK	AJ03				
AREA (mm^2)	132.83				
Ixx (mm^4)	8200.79				
Iyy (mm^4)	4152.83				
Zxx (mm^3)	415.38				
Zyy (mm^3)	289.57				
MATERIAL	ALLOY 6063-T5				

B.D. REF :

CLIENT :

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

ARCHITECT :

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MAIN CONTRACTOR :

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X001 — REFER SHEET NO.

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

NO.	DATE	REVISED	BY
D	30-OCT-2023	9TH SUBMISSION	
C	22-AUG-2023	7TH SUBMISSION	

JOB NO. : J-856

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

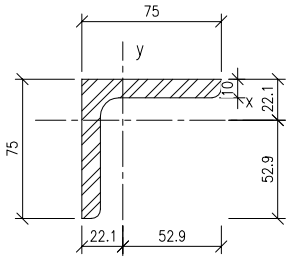
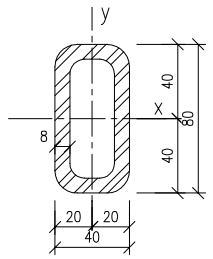
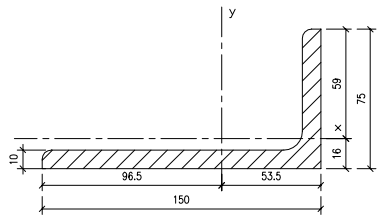
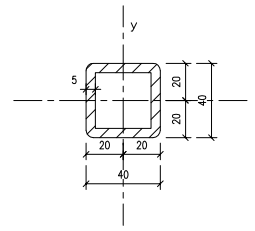
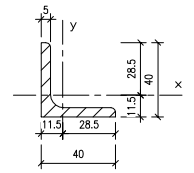
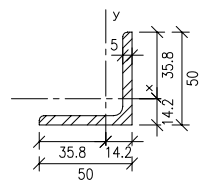
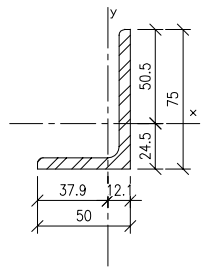
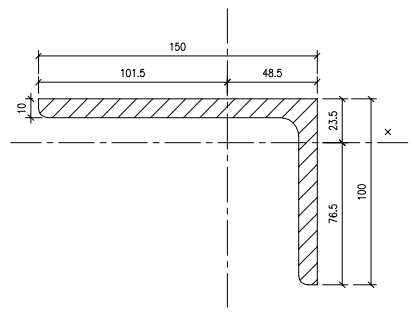
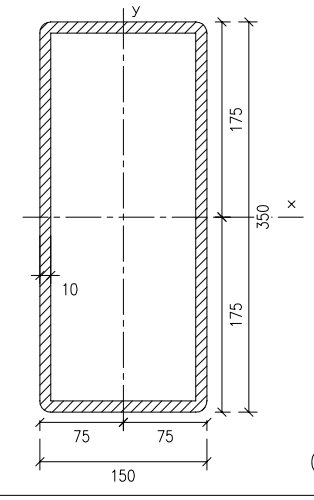
TITLE :
SECTION PROPERTIES

DATE : 31-OCT-21 | SCALE : NTS

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-1104 | REV. : D

SECTION			 (CUT TO 75X110X10 GMS ANGLE)		
MEMBER MARK	75X75X10MM THK GMS ANGLE	R.H.S. 01: 80X40X8MM THK GMS RHS	150X75X10MM THK GMS ANGLE	40X40X5MM GMS SHS	40X40X5MM THK GMS ANGLE
AREA (mm^2)	1410.73	1595.33	2160.730	686.265	382.833
Ixx (mm^4)	711746.98	1059866.60	861376.003	140811.692	54810.723
Iyy (mm^4)	711746.98	321087.62	5017286.542	140811.692	54810.723
Zxx (mm^3)	13457.52	26496.66	14642	7041	1931
Zyy (mm^3)	13457.52	16054.38	51885	7041	1931
MATERIAL	S275 J0H	S275J2H	S355 J0H	S275 J0H	S275 J0H
SECTION				 NTS (CUT TO 195X150X10 GMS U-CHANNEL)	
MEMBER MARK	50x50x5mm GMS ANGLE	75X50X6MM GMS ANGLE	150X100X10MM THK GMS ANGLE	350X150X10MM THK GMS RHS	
AREA (mm^2)	477.6825	717.8628	2410.730	9514.159	
Ixx (mm^4)	111073.2578	406590.9784	1997555.756	144057506.648	
Iyy (mm^4)	111073.2578	145366.2634	5542103.159	37565176.879	
Zxx (mm^3)	3101	8047	26116	823186	
Zyy (mm^3)	3101	3837	54490	500869	
MATERIAL	S275J0H	S275 J0H	S275 J0H	S275 J0H	
SECTION					
MEMBER MARK					
AREA (mm^2)					
Ixx (mm^4)					
Iyy (mm^4)					
Zxx (mm^3)					
Zyy (mm^3)					
MATERIAL					

B.D. REF :

CLIENT :

SUN HUNG KAI REAL ESTATE AGENCY LTD.
22/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG
(KNOWN AS "X863/4")

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
D	20-NOV-2023	9TH SUBMISSION	
C	22-AUG-2023	7TH SUBMISSION	

JOB NO. : J-856

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

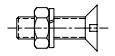
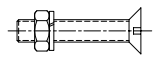
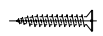
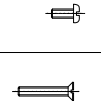
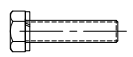
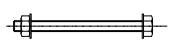
TITLE :
SECTION PROPERTIES

DATE : 31-OCT-21 | SCALE : NTS

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-1105 | REV. : D

F01		M12X45mm FLAT HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70 NUT : GR. A4-80 SPRING WASHER : GR. A4	F35		M8X32mm FLAT HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70	S01		"DOW CORNING(R) - DC791" SILICON SEALANT (WEATHER SEALANT)
F02		M12X70 FLAT HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70 NUT : GR. A4-80 SPRING WASHER : GR. A4	F36		M10x80mm HEX HEAD BOLT STAINLESS STEEL GR. A4-70 NUT : GR. A4-80 SPRING WASHER : GR. A4	S02		"DOW CORNING(R) STRUCTURAL SILICONE SEALANT TYPE 983" (STRUCTURAL SILICONE SEALANT)
F03		M5X12mm FLAT HEAD MACHINE SCREW MACHINE SCREW STAINLESS STEEL Gr. A4-70	F38		M6X20mm PAN HEAD SELF DRILLING SCREW STAINLESS STEEL Gr. A4-70	B01		SETTING BLOCK (L=150) @ 1/4 MODULE WIDTH GLASS PANEL MATERIAL : SILICON SHORE HARDNESS 85°±5°
F04		M6.3X38mm PAN HEAD SELF TAPPING SCREW STAINLESS STEEL Gr. A4-70	F39		M6.3x25mm FLAT HEAD MACHINE SCREW MACHINE SCREW STAINLESS STEEL Gr. A4-70	B02		ø10mm CLOSED CELL FOAM BACKER ROD
F05		M5X10mm FLAT HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70	F04		M6X30mm PAN HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70	B03		CLOSED CELL FOAM BACKER ROD (FOR COMMON USE)
F06		M5X15mm PAN HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70	F41		M5X25mm PAN HEAD SELF DRILLING SCREW STAINLESS STEEL Gr. A4-70	B04		CLOSED CELL FOAM BACKER ROD
F07		M5X10mm PAN HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70	F42		M16 "HILTI HST3-R ANCHOR BOLT STAINLESS STEEL GR. A4	G01		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F08		M5X35mm FLAT HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70				G02		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F09		M5X12mm FLAT HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70				G03		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F10		M4.2X16mm PAN HEAD SELF TAPPING SCREW STAINLESS STEEL Gr. A4-70				G04		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F11		M6.3X38mm FLAT HEAD SELF TAPPING SCREW STAINLESS STEEL Gr. A4-70				G05		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F13		M4.2X12mm FLAT HEAD SELF TAPPING SCREW STAINLESS STEEL Gr. A4-70				G06		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F14		M5X12mm PAN HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70				G07		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F23		M5X28mm FLAT HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70				G08		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F24		M5X20mm FLAT HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70				G09		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F25		M5X8mm PAN HEAD MACHINE SCREW STAINLESS STEEL Gr. A4-70				G10		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F26		M6 ALUM. STUD BOLT : AW-5754[Al Mg3] NUT : GR. A4-80 1-SPRING WASHER : GR. A4				G11		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F27		M5X20mm PAN HEAD SELF DRILLING SCREW STAINLESS STEEL Gr. A4-70				G12		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F28		M5X20mm FLAT HEAD SELF DRILLING SCREW STAINLESS STEEL Gr. A4-70				G13		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F29		#10X38mm PLAN HEAD SELF TAPPING SCREW WITH PLASTIC PLUG				G14		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F30		M10x90mm "HILTI HST3-R ANCHOR BOLT STAINLESS STEEL GR. A4				G15		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F31		M8x70mm "HILTI HST3-R ANCHOR BOLT STAINLESS STEEL GR. A4				G16		GASKET MATERIAL : SILICON SHORE HARDNESS 65°±5°
F32		M12x50/45mm HEX HEAD BOLT STAINLESS STEEL GR. A4-70						
F33		M6x60mm HEX HEAD BOLT STAINLESS STEEL GR. A4-70 NUT : GR. A4-80 SPRING WASHER : GR. A4						
F34		M6x70mm HEX HEAD BOLT STAINLESS STEEL GR. A4-70 NUT : GR. A4-80 SPRING WASHER : GR. A4						
F35		M6.3X20mm FLAT HEAD SELF TAPPING SCREW STAINLESS STEEL Gr. A4-70						

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
B	30-OCT-2023	9TH SUBMISSION	CF
A	22-AUG-2023	7TH SUBMISSION	CF

JOB NO. : J-856

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

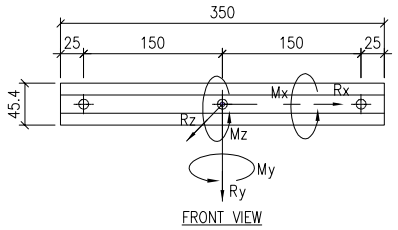
TITLE :
PART LIST
FOR CURTAIN WALL

DATE : 10-MAR-23 | SCALE : 1:4

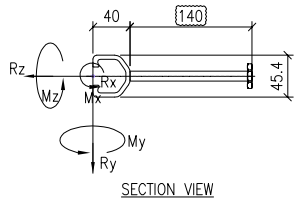
DRAWN BY : C.F | CHECKED BY :

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

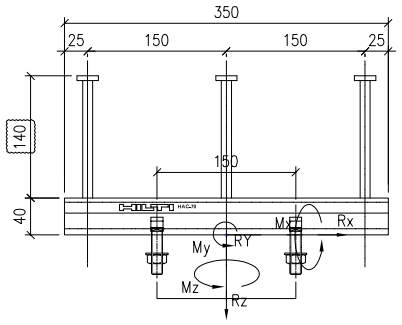
DWG NO. : J856-SD-CW-1106 | REV. : B



FRONT VIEW



SECTION VIEW



PLAN VIEW

(HILTI HAC-70, L=350mm)

(FOR TYPICAL)

EM01 MAX. UN-FACTORED LOAD			
	DL	WL	LL
Rx (kN)	0	0	0
Ry (kN)	3.314	0	2.207
Rz (kN)	0	±18.602	0
Mx (kNm)	0.396	±0.632	0.075
My (kNm)	0	0	0
Mz (kNm)	0	0	0

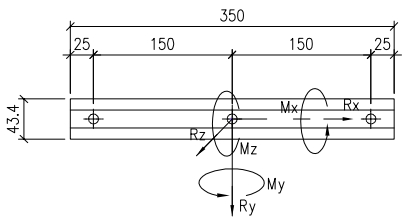
(END-BAY SIDE MOUNT ; FIXED WINDOW)

EM01 MAX. UN-FACTORED LOAD			
	DL	WL	LL
Rx (kN)	0	±3.195	0
Ry (kN)	2.818	0	1.877
Rz (kN)	0	±15.815	0
Mx (kNm)	0.337	±0.538	0.064
My (kNm)	0	±2.596	0
Mz (kNm)	0.394	±0.109	0

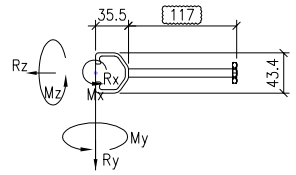
(END-BAY: SIDE MOUNT ;OPEN WINDOW)

EM01 MAX. UN-FACTORED LOAD			
	DL	WL	LL
Rx (kN)	0	±2.059	0
Ry (kN)	1.543	0	1.028
Rz (kN)	0	±8.662	0
Mx (kNm)	0.184	±0.295	0.035
My (kNm)	0	±1.459	0
Mz (kNm)	0.216	±0.07	0

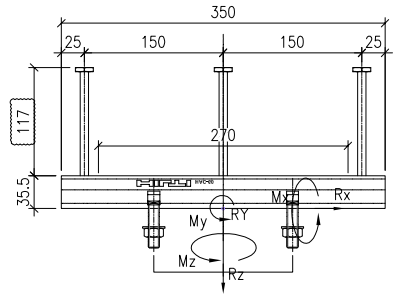
CAST-IN EMBED : EM01



FRONT VIEW



SECTION VIEW



PLAN VIEW

(HILTI HAC-60, L=350mm)

FOR TYPICAL CASE

MAX. UNFACTORED LOAD:

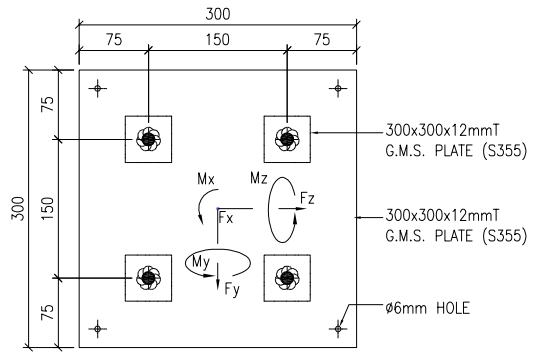
TYPE A	DL	WL	LL
Fx (kN)	0	0	0
Fy (kN)	2.018	0	1.344
Fz (kN)	0	±11.325	0
Mx (kNm)	0.241	±0.385	0.046
My (kNm)	0	0	0
Mz (kNm)	0	0	0

FOR END BAY CASE

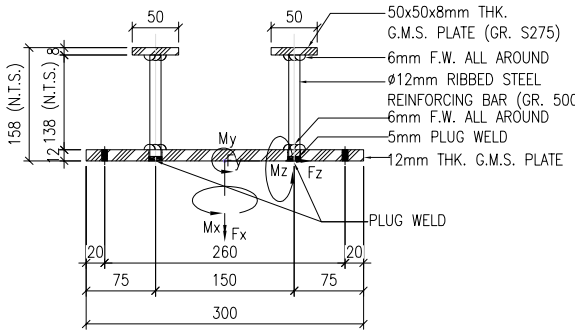
MAX. UNFACTORED LOAD:

TYPE A	DL	WL	LL
Fx (kN)	0	0	0
Fy (kN)	1.025	0	0.682
Fz (kN)	0	±5.751	0
Mx (kNm)	0.122	±0.196	0.023
My (kNm)	0	0	0
Mz (kNm)	0	0	0

CAST-IN EMBED : EM02



FRONT VIEW



PLAN VIEW

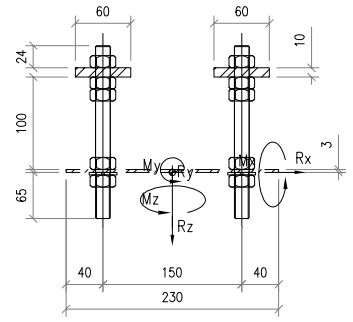
(FOR 3/F TYPICAL)

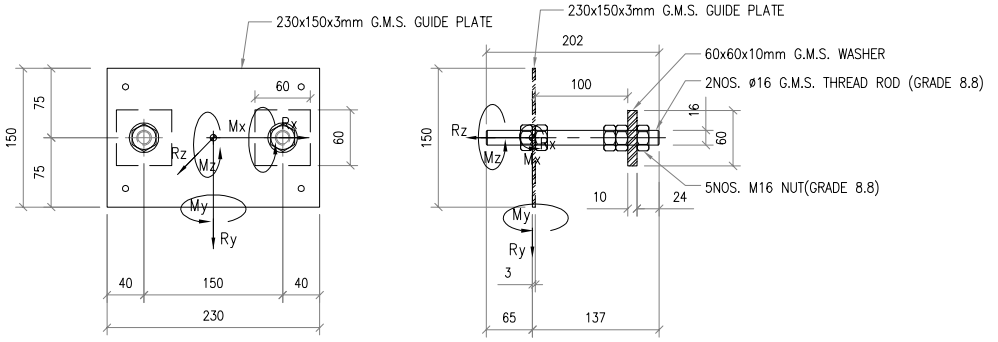
EM03 MAX. UN-FACTORED LOAD			
	DL	WL	LL
Fx (kN)	0	±7	±1.5
Fy (kN)	−1	0	0
Fz (kN)	0	0	0
Mx (kNm)	±0.1	0	0
My (kNm)	0	0	0
Mz (kNm)	0	±3.5	0.75

(FOR 3/F END BAY)

EM03 MAX. UN-FACTORED LOAD			
	DL	WL	LL
Fx (kN)	0	±4	0.6
Fy (kN)	−1	0	0
Fz (kN)	0	±0.5	0
Mx (kNm)	±0.15	±0.15	0
My (kNm)	0	±0.1	±0.2
Mz (kNm)	±0.1	±2	+0.45

CAST-IN EMBED : EM03

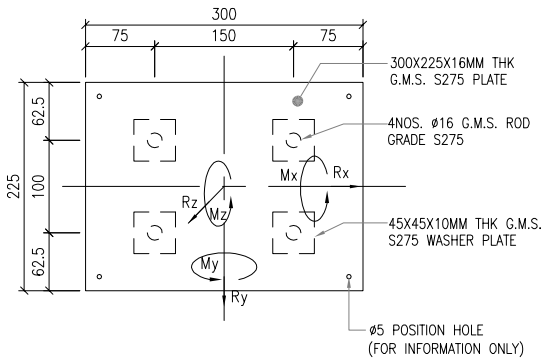


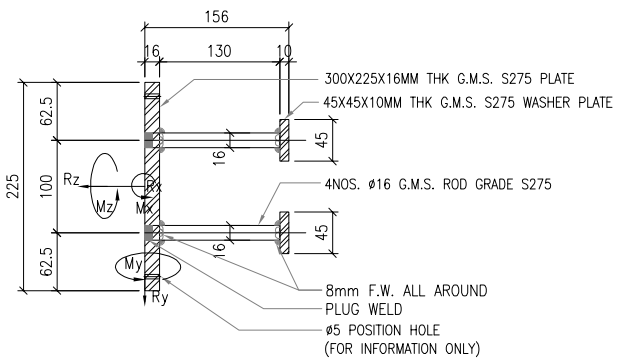


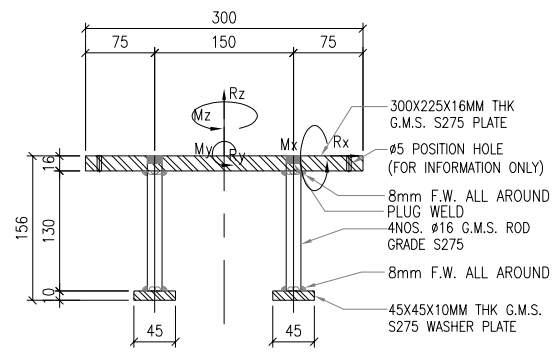
(FOR TYPICAL)

EM08 UN-FACTORED LOAD			
	DL	WL	LL
Rx (kN)	0	0	0
Ry (kN)	2.5	0	1.645
Rz (kN)	0	±14	0
Mx (kNm)	0.30	±0.48	0.056
My (kNm)	0	±2.7	0
Mz (kNm)	0.48	0	0

CAST-IN EMBED : EM08







(FOR 46/F SU)

EM09 MAX. UN-FACTORED LOAD			
	DL	WL	LL
Rx (kN)	0	0	0
Ry (kN)	0.7	±1.06	0
Rz (kN)	0	±10.209	2.594
Mx (kNm)	0.064	±4.675	1.200
My (kNm)	0	0	0
Mz (kNm)	0	0	0

CAST-IN EMBED : EM09

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
B	27-APR-2023	3RD SUBMISSION	CF
A	22-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

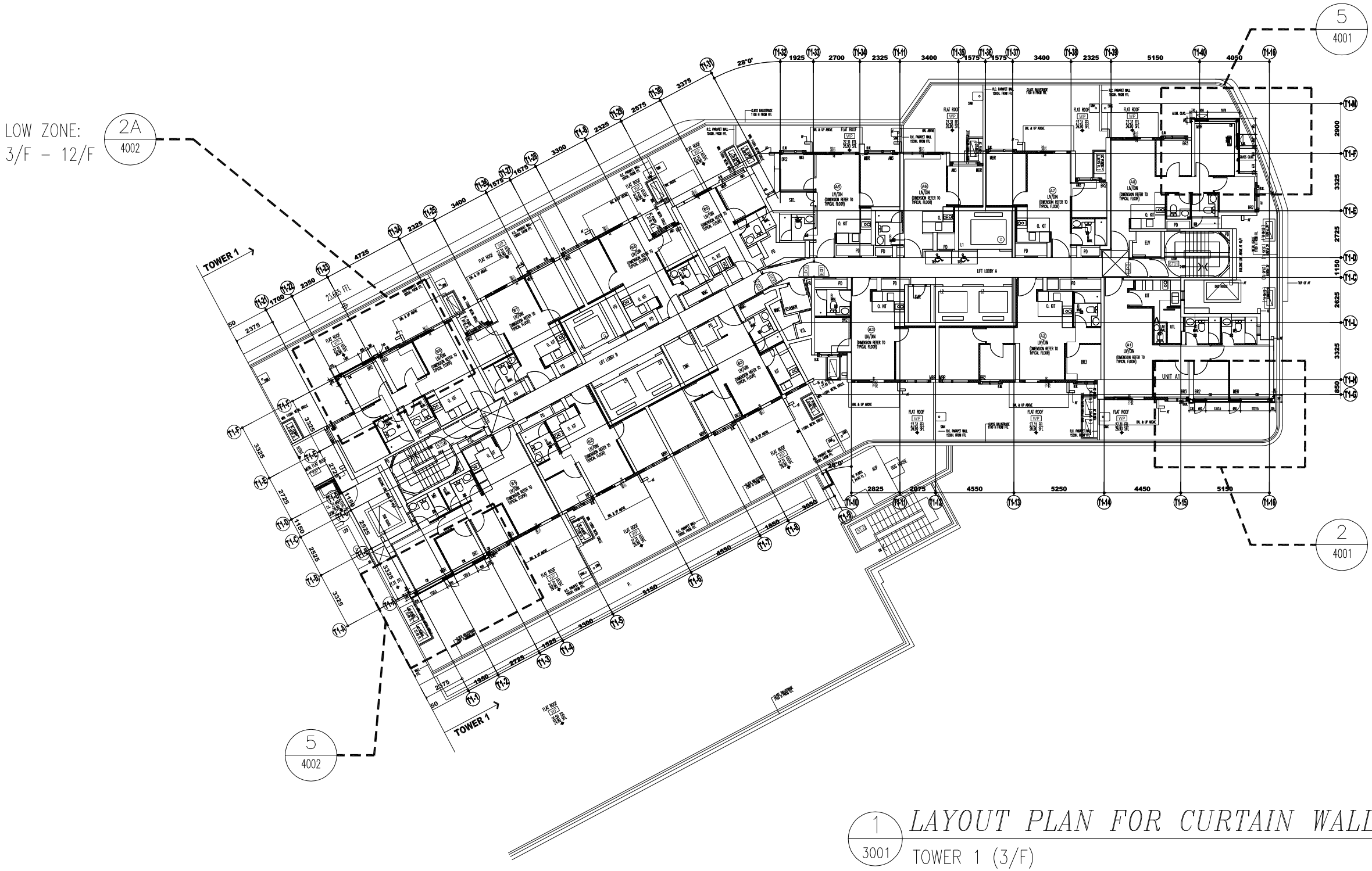
TITLE :
CAST-IN EMBED DETAIL FOR CURTAIN WALL

DATE : 31-OCT-21 | SCALE : 1:8

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-2001 | REV. : B



1 3001 LAYOUT PLAN FOR CURTAIN WALL

TOWER 1 (3/F)

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
B	29-SEP-2023	8TH SUBMISSION	CF
A	16-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

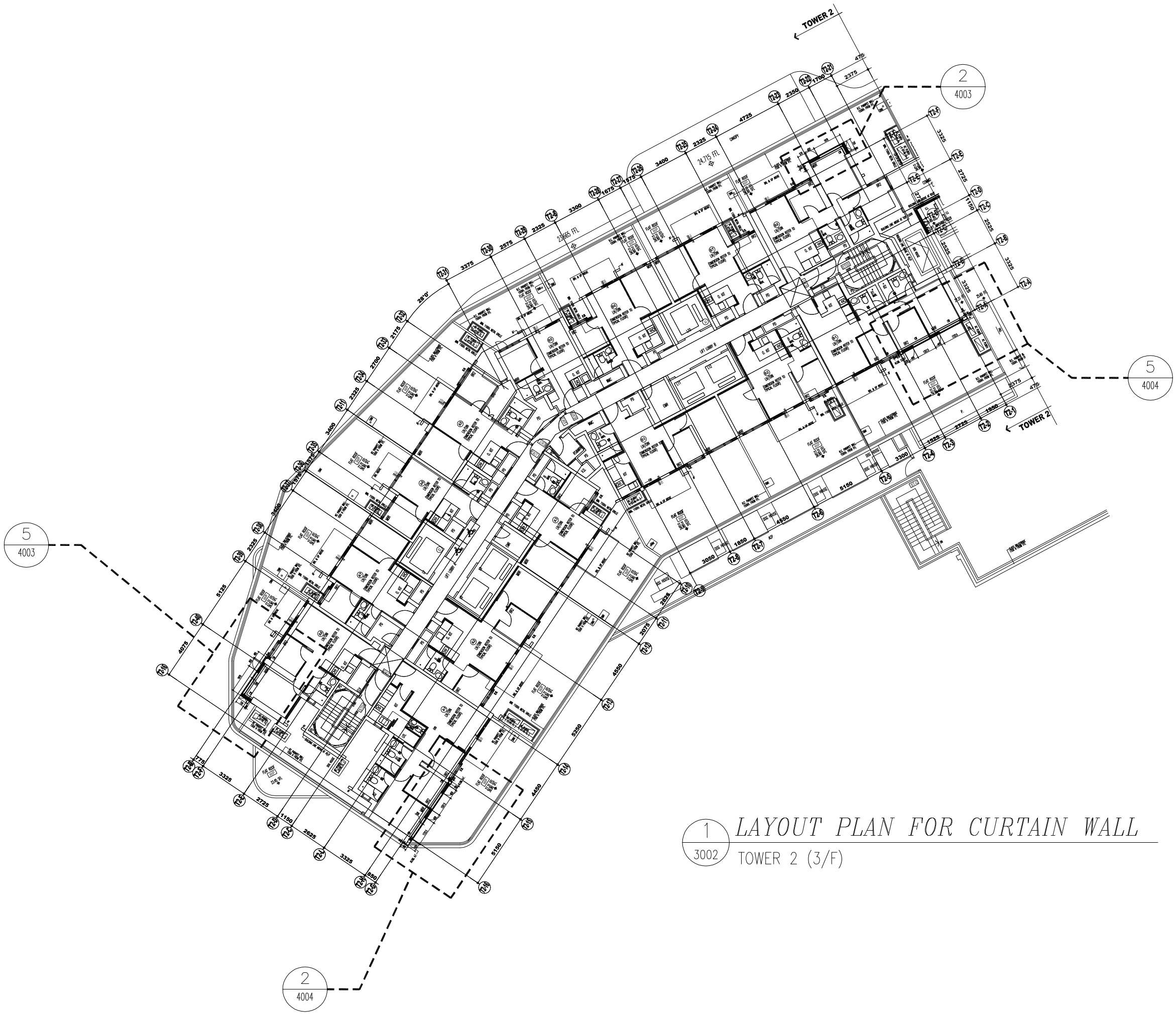
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (3/F)

DATE : 31-OCT-21 | SCALE : 1:250

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3001 | REV. : B



1 / 3002 *LAYOUT PLAN FOR CURTAIN WALL*

TOWER 2 (3/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
B	29-SEP-2023	8TH SUBMISSION	CF

JOB NO. : J-856

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

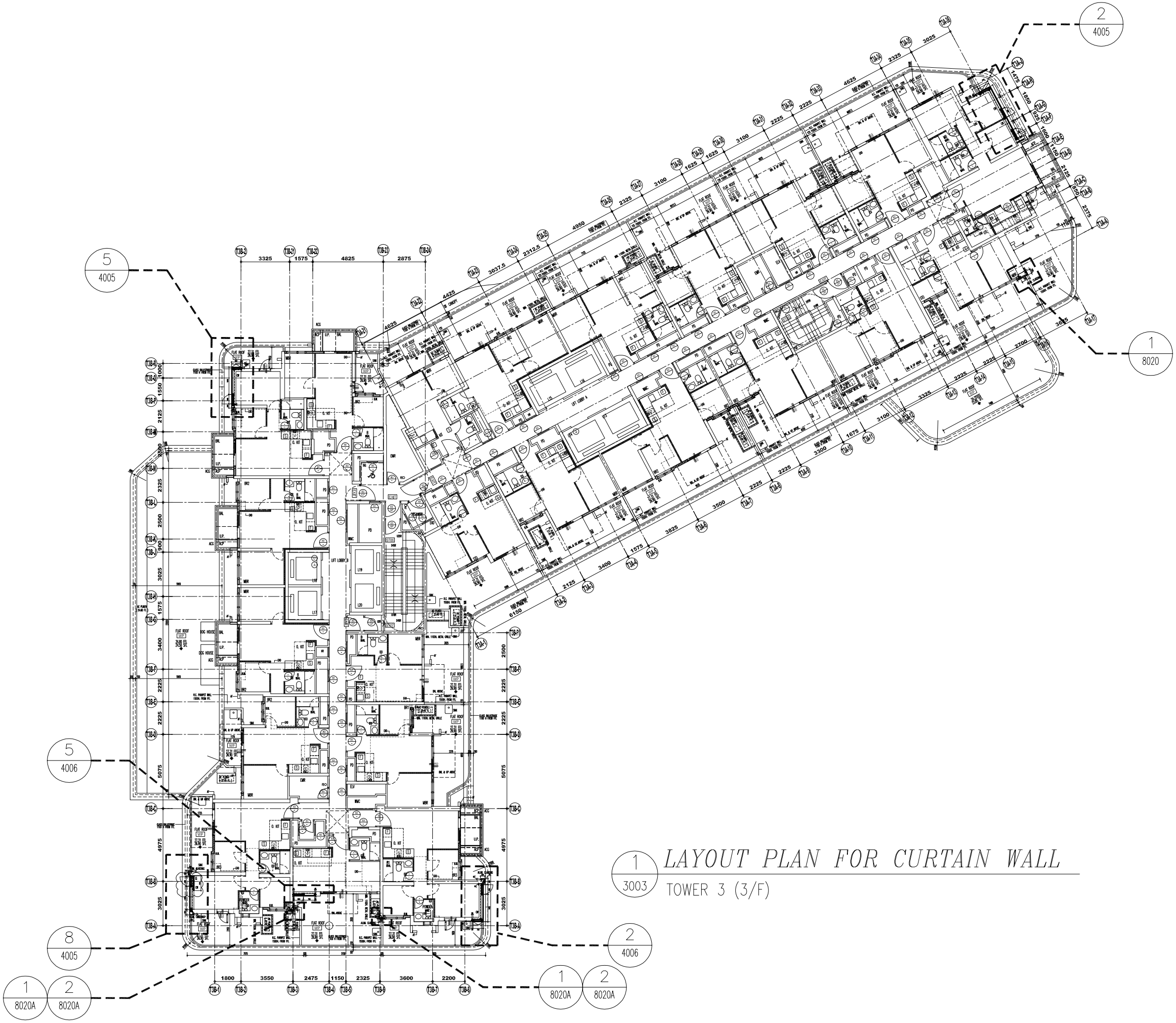
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 2 (3/F)

DATE : 02-Aug-21 | SCALE : 1:250

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3002 | REV. : B



1 / 3003 *LAYOUT PLAN FOR CURTAIN WALL*

TOWER 3 (3/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
C	29-SEP-2023	8TH SUBMISSION	CF
B	13-JAN-2023	2ND SUBMISSION	CF
A	16-DEC-2022	2ND SUBMISSION	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 :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 (3/F)

DATE : 02-Aug-21 | SCALE : 1:250

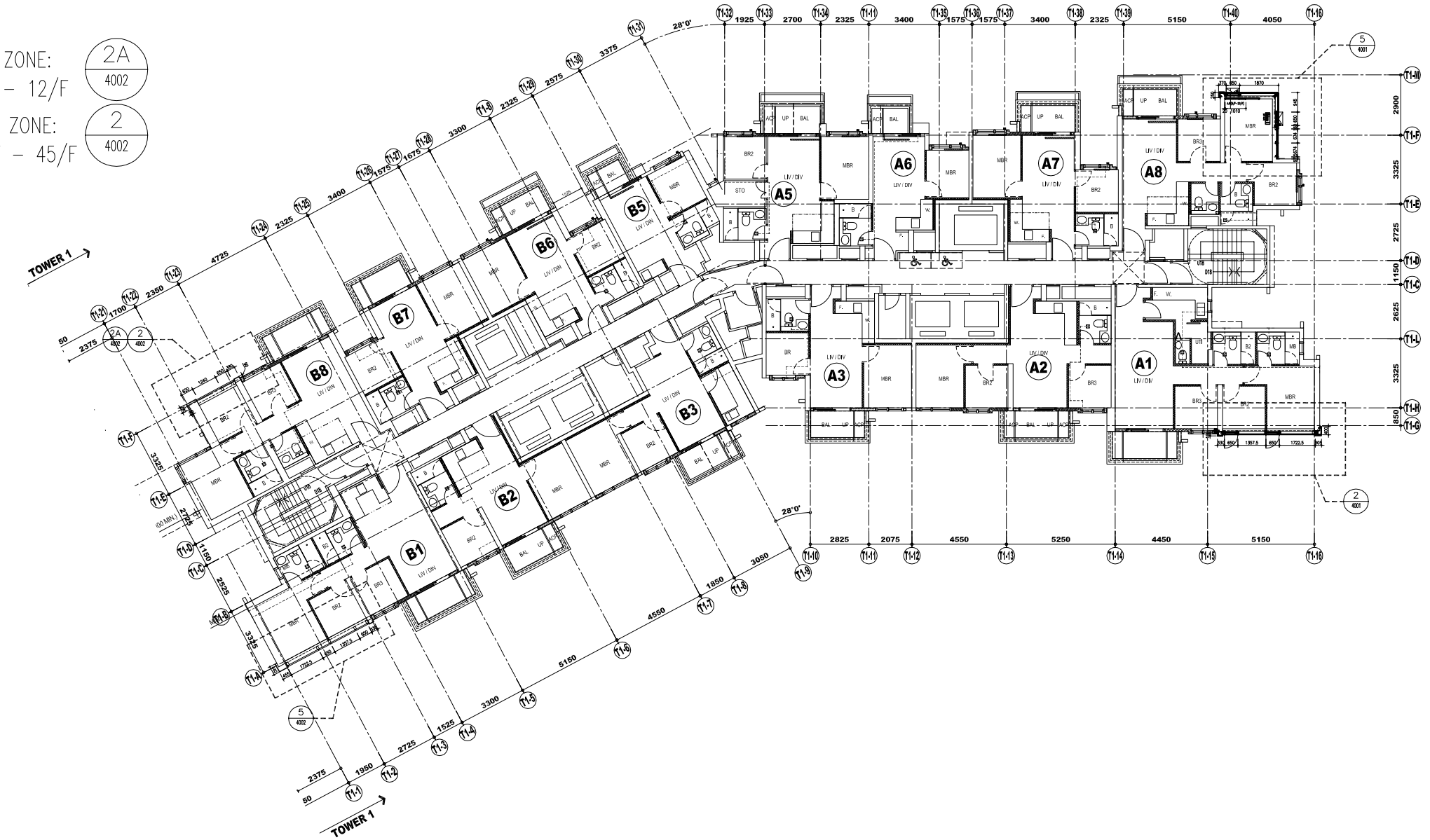
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3003 | REV. : C

LOW ZONE:
3/F – 12/F
2A / 4002

HIGH ZONE:
15/F – 45/F
2 / 4002



1 / 3004 *LAYOUT PLAN FOR CURTAIN WALL*

TOWER 1 (TYPICAL FLOOR: 5/F TO 45/F)

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
C	29-SEP-2023	8TH SUBMISSION	CF
B	27-FEB-2023	4TH SUBMISSION	CF
A	16-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

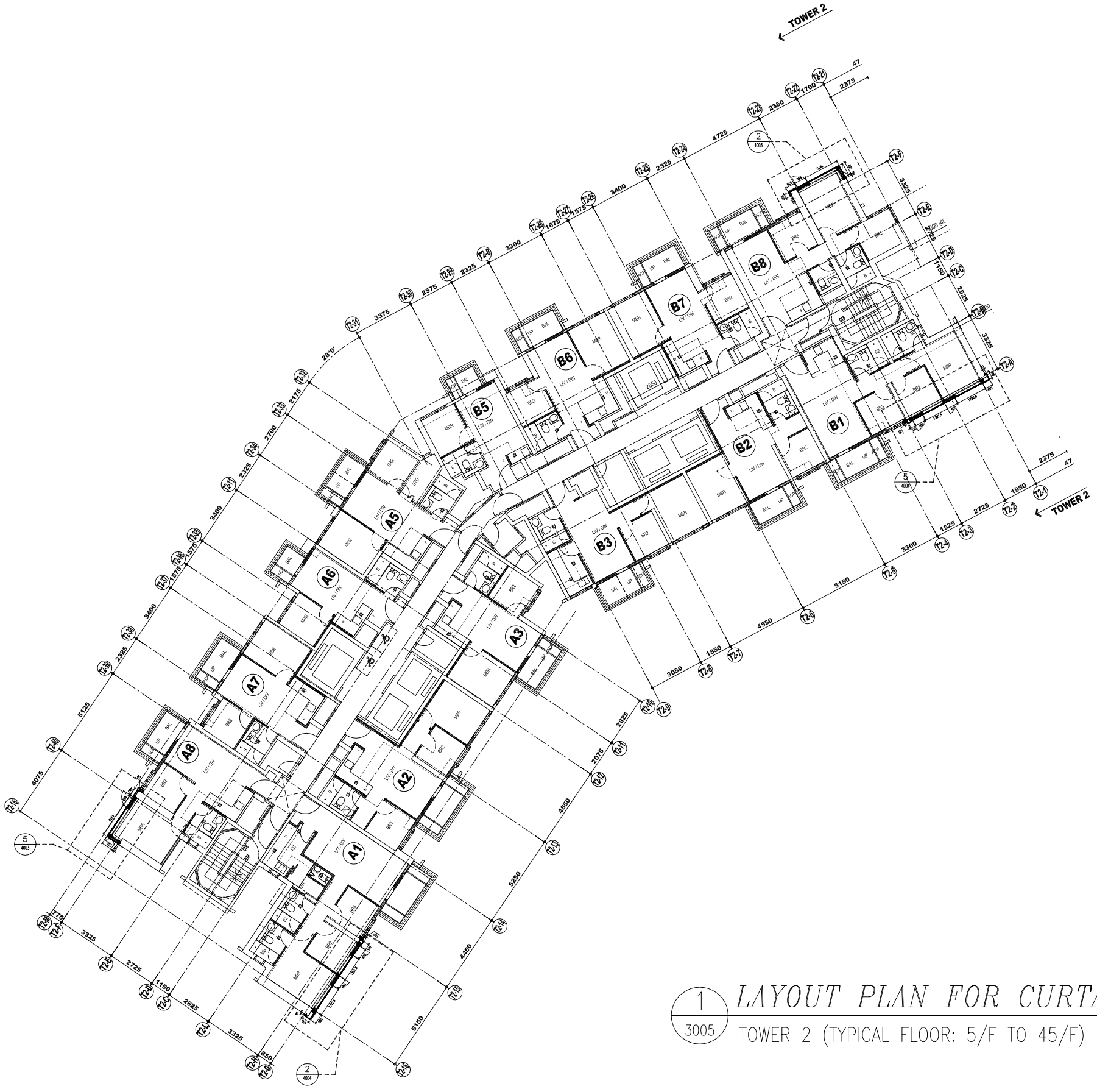
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (TYP)

DATE : 31-OCT-22 | SCALE : 1:250

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3004 | REV. : C



1 / 3005 *LAYOUT PLAN FOR CURTAIN WALL*

TOWER 2 (TYPICAL FLOOR: 5/F TO 45/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
A	29-SEP-2023	8TH SUBMISSION	CF

JOB NO. : J-856

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

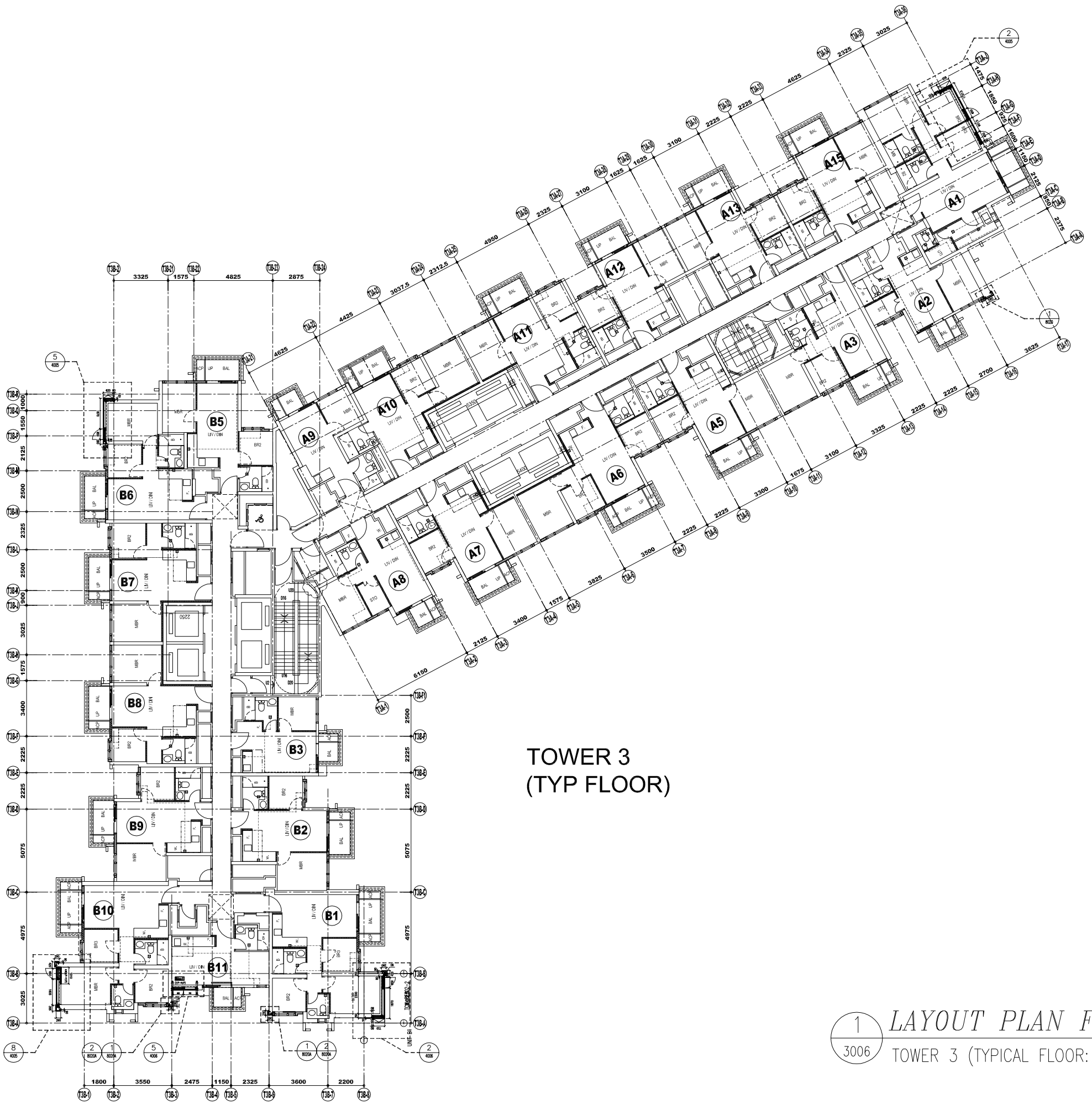
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 2 (TYP)

DATE : 31-OCT-22 | SCALE : 1:250

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3005 | REV. : A



TOWER 3
(TYP FLOOR)

1 / 3006 *LAYOUT PLAN FOR CURTAIN WALL*

TOWER 3 (TYPICAL FLOOR: 5/F TO 45/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
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LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
C	29-SEP-2023	8TH SUBMISSION	CF
B	13-JAN-2023	3RD SUBMISSION	CF
A	16-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

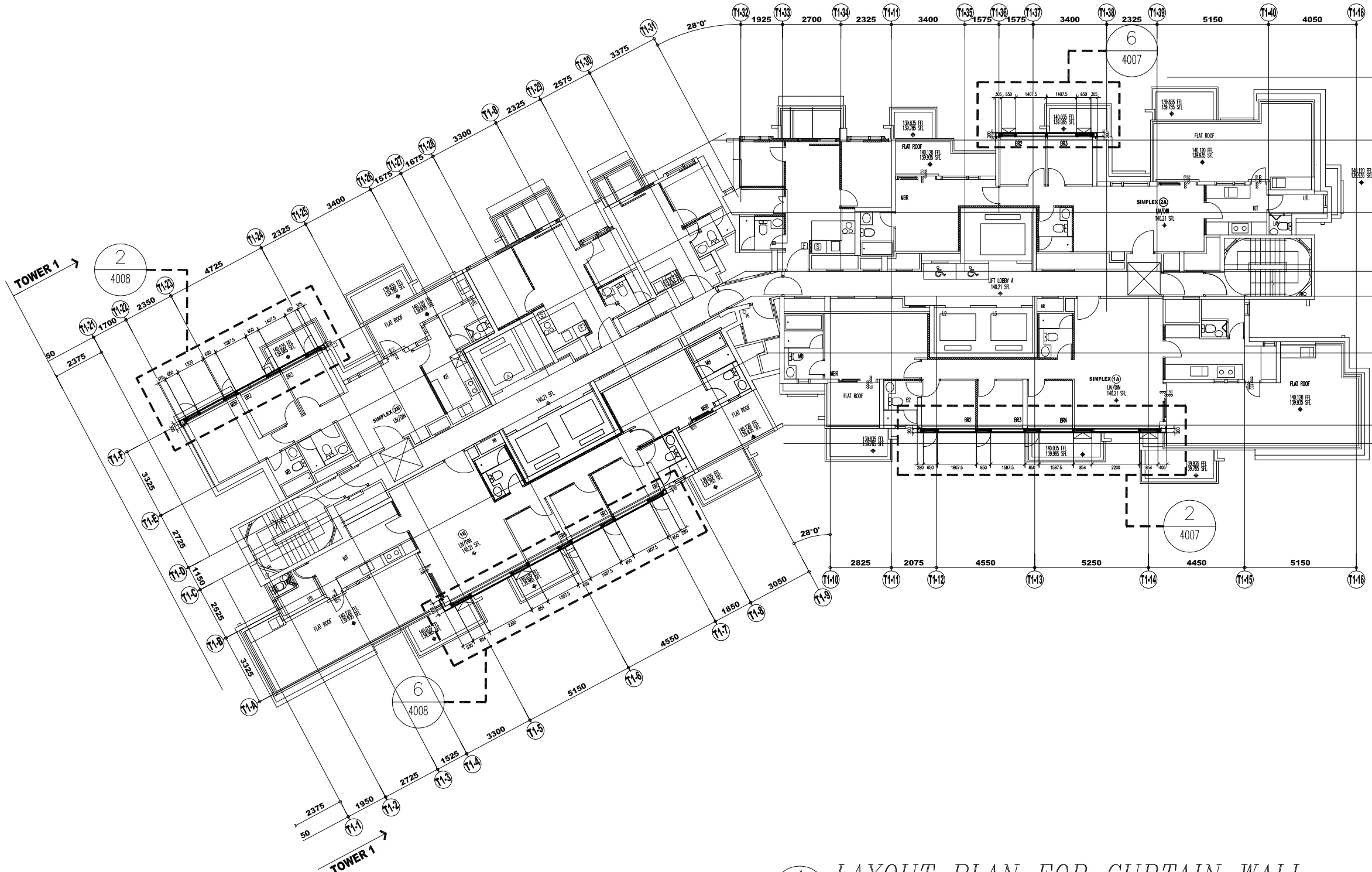
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 (TYP)

DATE : 31-OCT-22 | SCALE : 1:250

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3006 | REV. : C



1 / 3007 *LAYOUT PLAN FOR CURTAIN WALL*

TOWER 1 (46/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
C	11-AUG-2023	7TH SUBMISSION	CF
B	13-JAN-2023	3RD SUBMISSION	CF
A	28-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

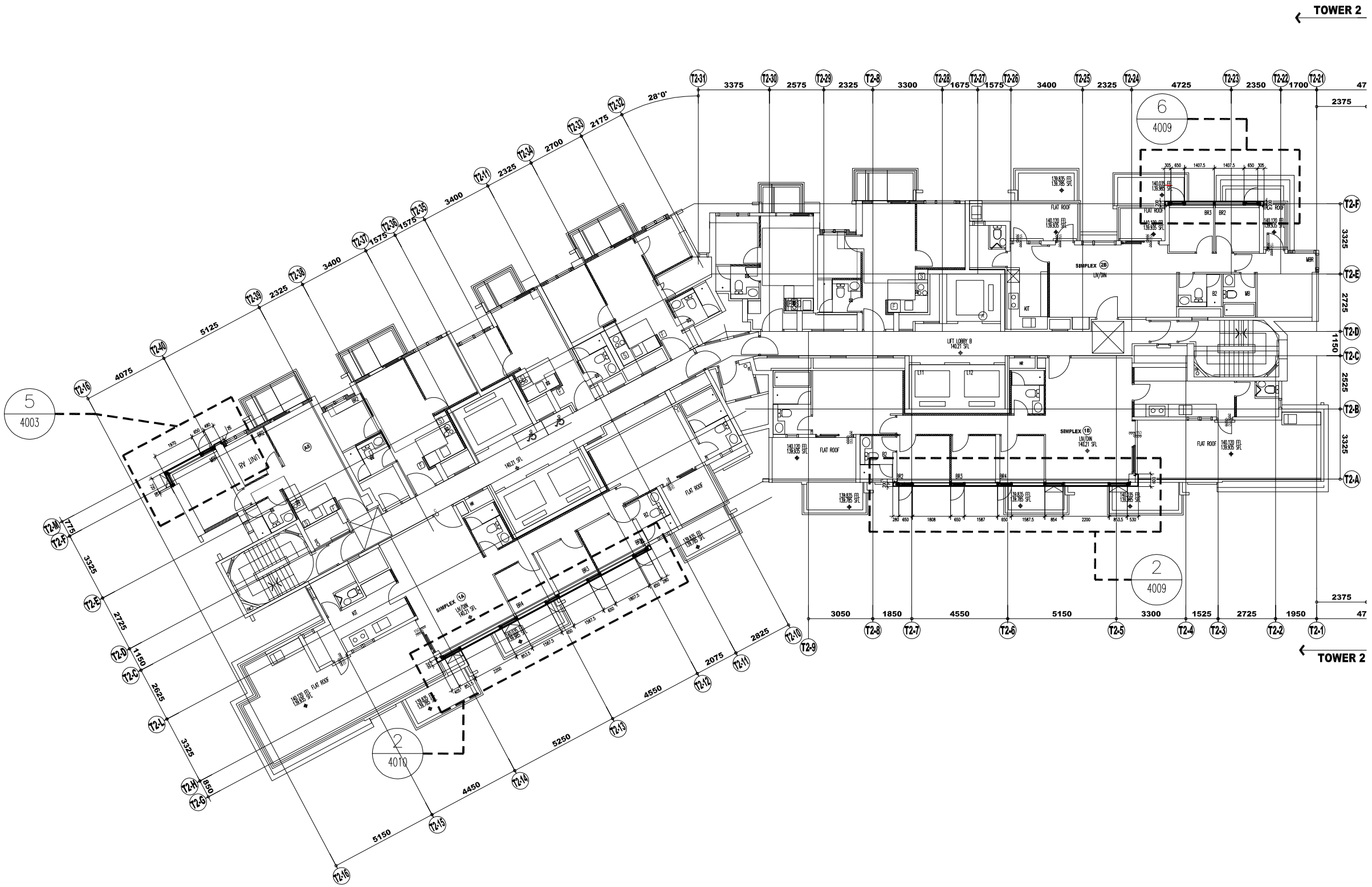
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (46/F)

DATE : 31-OCT-22 | SCALE : 1:200

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3007 | REV. : C



1 / 3008 *LAYOUT PLAN FOR CURTAIN WALL*

TOWER 2 (46/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners architects

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
C	11-AUG-2023	7TH SUBMISSION	CF
B	13-JAN-2023	3RD SUBMISSION	CF
A	28-DEC-2022	2ND SUBMISSION	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 :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 2 (46/F)

DATE : 31-OCT-22 | SCALE : 1:200

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3008 | REV. : C



LAYOUT PLAN FOR CURTAIN WALL

1 / 3009 TOWER 3 (46/F)

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

NO.	DATE	REVISED	BY
C	11-AUG-2023	7TH SUBMISSION	CF
B	13-JAN-2023	3RD SUBMISSION	CF
A	28-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

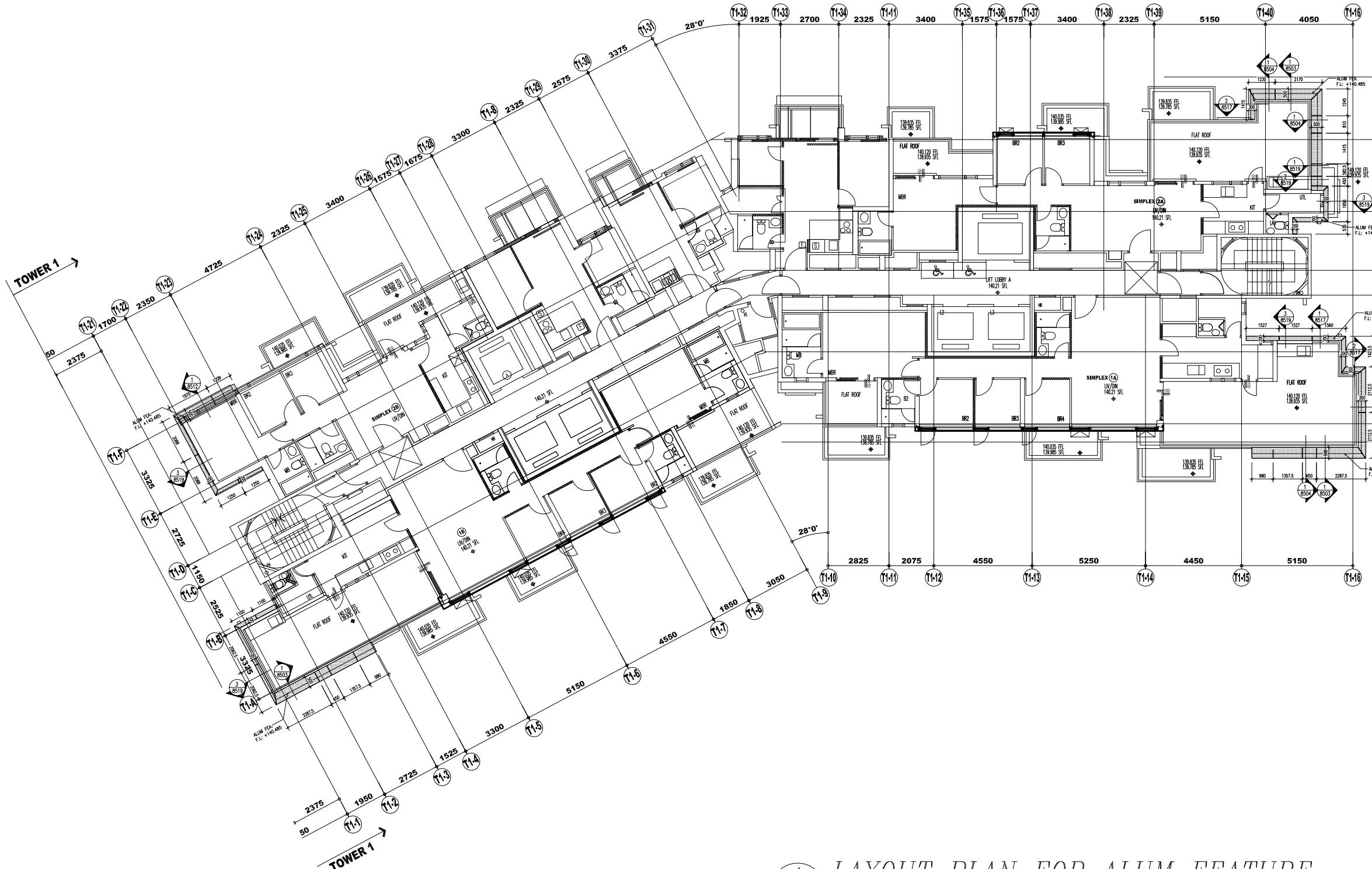
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 (46/F)

DATE : 31-OCT-22 | SCALE : 1:250

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3009 | REV. : C



1 / 3010 *LAYOUT PLAN FOR ALUM FEATURE*

TOWER 1 (46/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

lwk&partners architects

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

3mm ALUM. CLADDING FEATURE COLOR COLOR: UCT309119XLB-3
3mm ALUM. CLADDING FEATURE COLOR COLOR: UCT542919XL-3

NO.	DATE	REVISED	BY
A	12-OCT-2023	9TH SUBMISSION	CF
–	11-AUG-2023	(NEW DRAWING) 7TH SUBMISSION	CF

JOB NO. : J-856

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

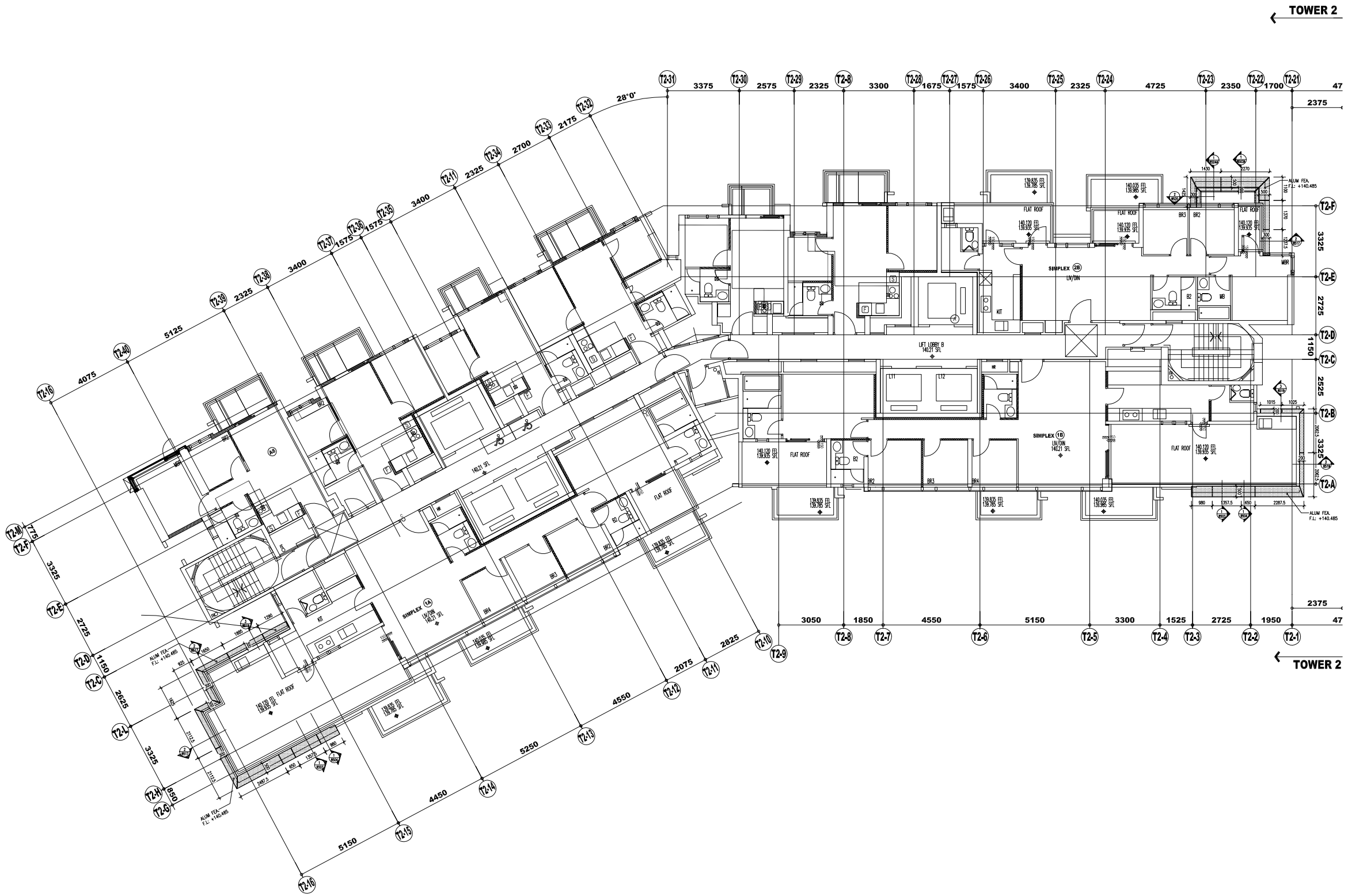
TITLE :
LAYOUT PLAN FOR ALUM FEATURE @ TOWER 1 (46/F)

DATE : 31-OCT-22 | SCALE : 1:200

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3010 | REV. : A



1 / 3008A *LAYOUT PLAN FOR ALUM FEATURE*

TOWER 2 (46/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

3mm ALUM. CLADDING FEATURE COLOR COLOR: UCT3091191JL-3

3mm ALUM. CLADDING FEATURE COLOR COLOR: UCT5429191JL-3

NO.	DATE	REVISED	BY
A	12-OCT-2023	9TH SUBMISSION	CF
–	11-AUG-2023	7TH SUBMISSION (NEW DRAWING)	CF

JOB NO. : J-856

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

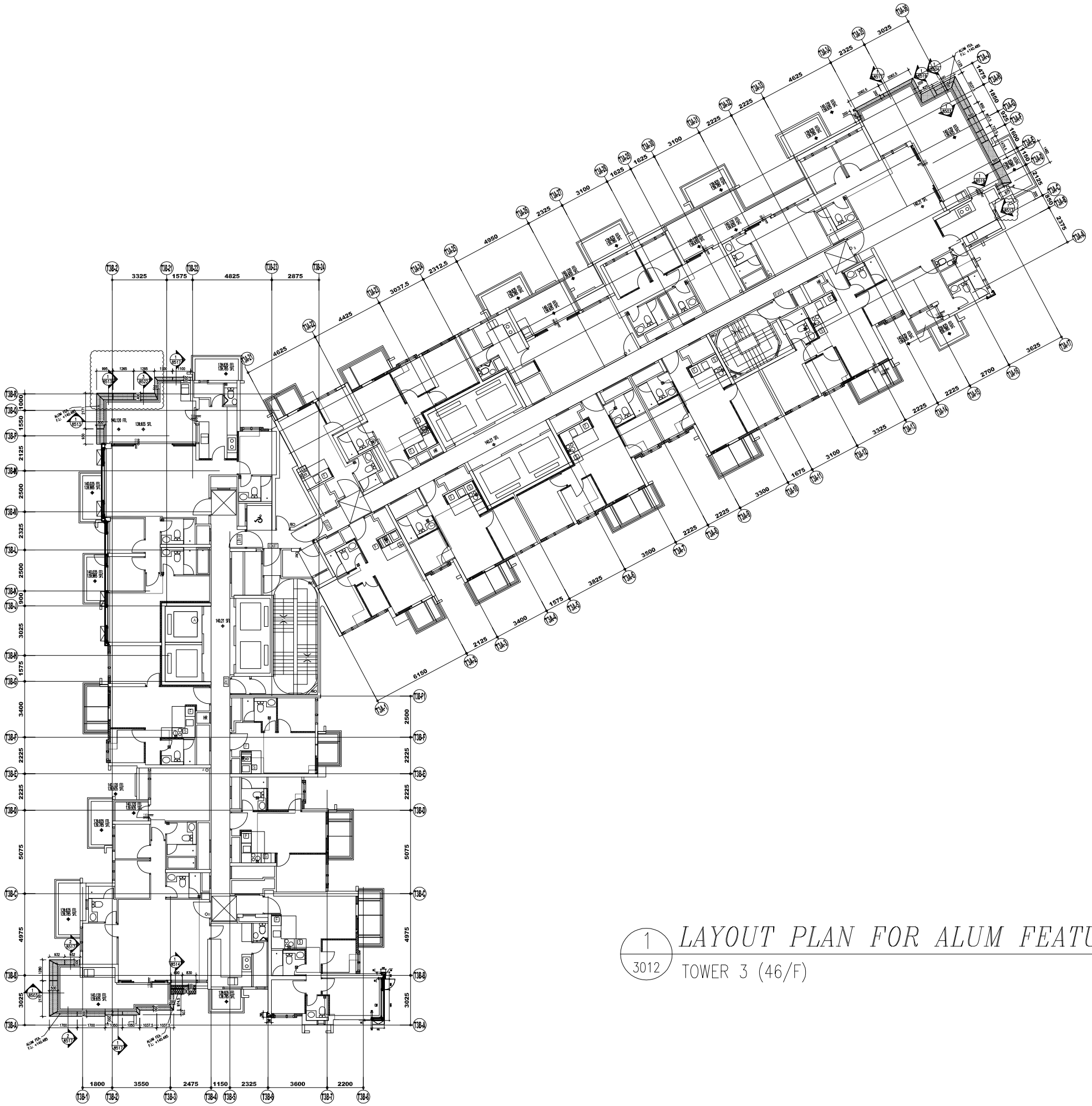
TITLE :
LAYOUT PLAN FOR ALUM FEATURE @ TOWER 2 (46/F)

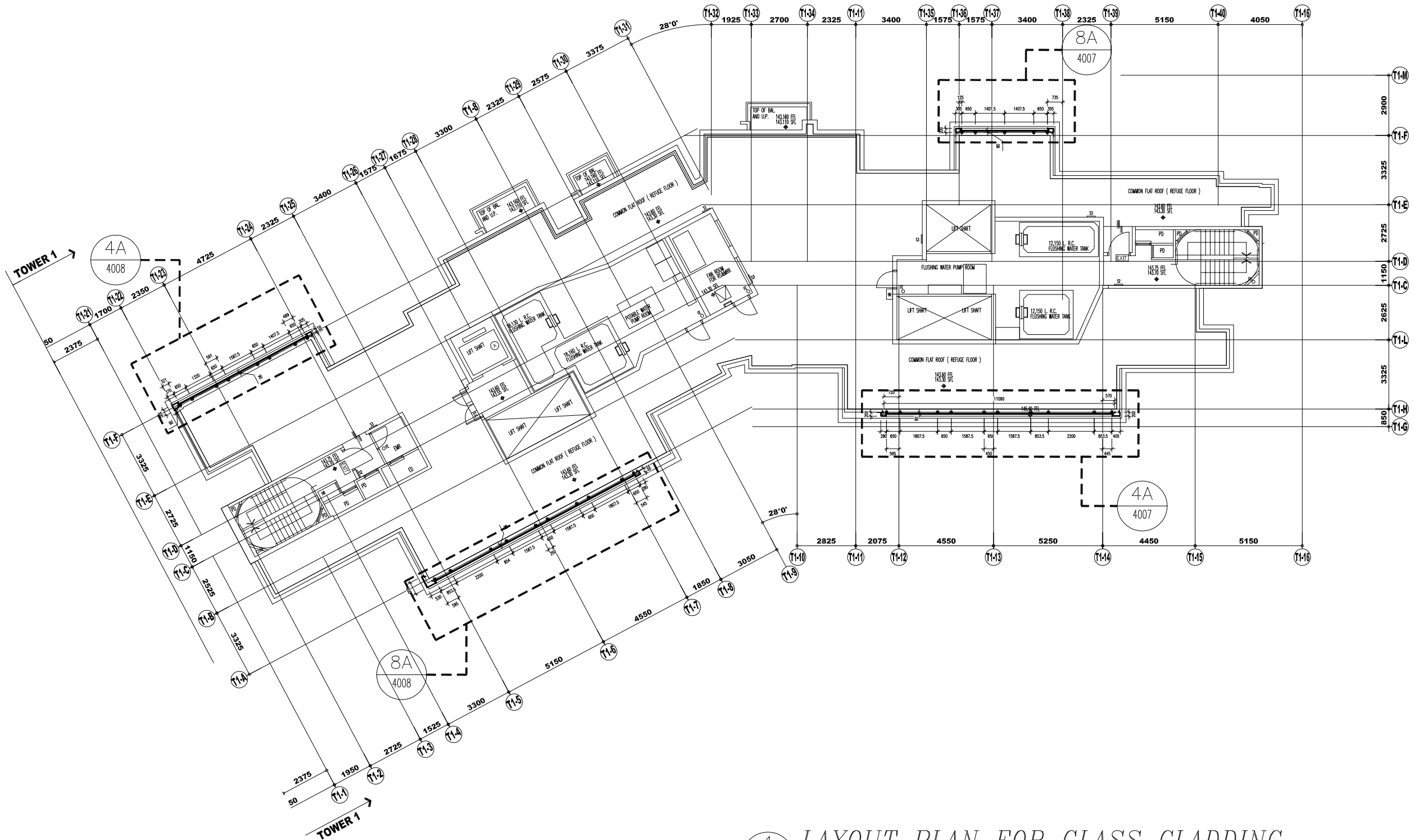
DATE : 31-OCT-22 | SCALE : 1:200

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3011 | REV. : A


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T38-CUM
T38-CUN
T38-CUP
T38-CUQ
T38-CUR
T38-CUS
T38-CUT
T38-CUU
T38-CUV
T38-CUW
T38-CUX
T38-CUY
T38-CUZ
T38-CVA
T38-CVB
T38-CVC
T38-CVD
T38-CVE
T38-CVF
T38-CVG
T38-CVH
T38-CVJ
T38-CVK
T38-CVL
T38-CVM
T38-CVN
T38-CVP
T38-CVQ
T38-CVR
T38-CVS
T38-CVT
T38-CVU
T38-CVV
T38-CVW
T38-CVX
T38-CVY
T38-CVZ
T38-CWA
T38-CWB
T38-CWC
T38-CWD
T38-CWE
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T38-CWL
T38-CWM
T38-CWN
T38-CWP
T38-CWQ
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T38-CWS
T38-CWT
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T38-CWV
T38-CWW
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T38-CXB
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T38-CXW
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T38-CYV
T38-CYW
T38-CYX
T38-CYY
T38-CYZ
T38-CZA
T38-CZB
T38-CZC
T38-CZD
T38-CZE
T38-CZF
T38-CZG
T38-CZH
T38-CZJ
T38-CZK
T38-CZL
T38-CZM
T38-CZN
T38-CZP
T38-CZQ
T38-CZR
T38-CZS
T38-CZT
T38-



1 / 3013 *LAYOUT PLAN FOR GLASS CLADDING*

TOWER 1 (ROOF/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
–	11-AUG-2023	(NEW DRAWING) 7TH SUBMISSION	CF

JOB NO. : J-856

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

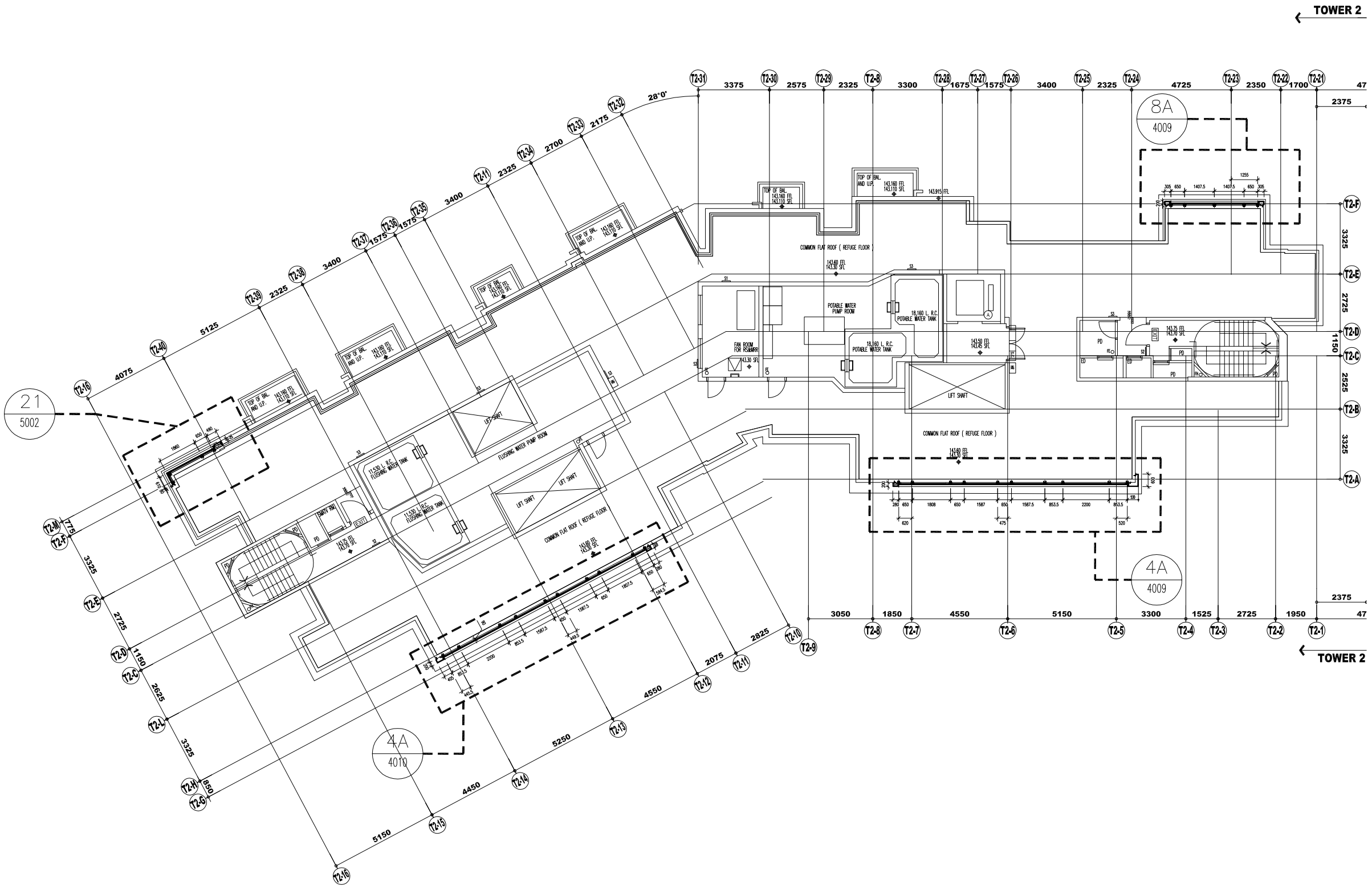
TITLE :
LAYOUT PLAN FOR GLASS CLADDING @ TOWER 1 (ROOF/F)

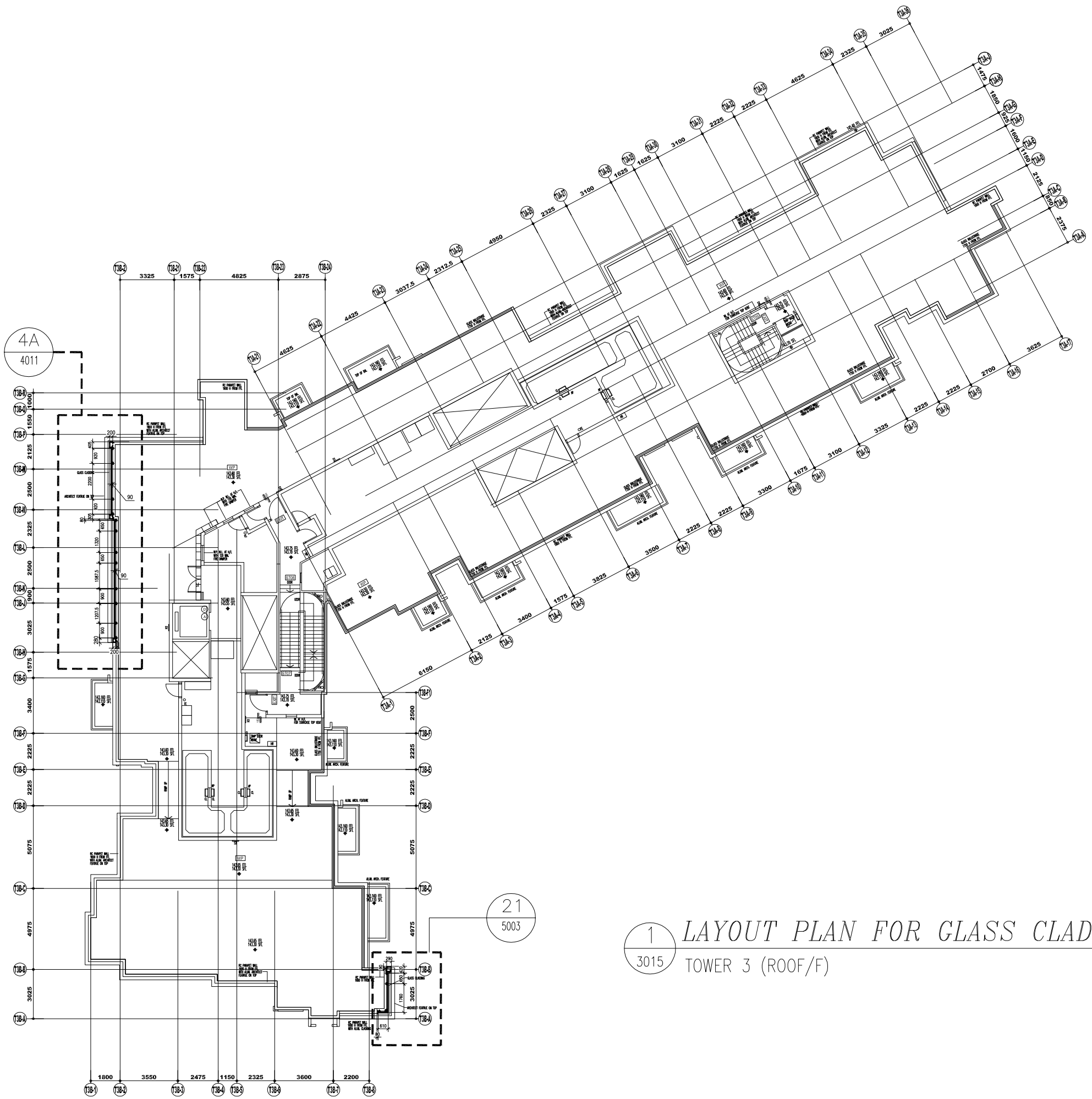
DATE : 31-OCT-22 | SCALE : 1:200

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3013 | REV. : –


TOWER 2
T2-31
T2-30
T2-29
T2-8
T2-28
T2-27
T2-26
T2-25
T2-24
T2-23
T2-22
T2-21
3375
2575
2325
3300
1675
1575
3400
2325
4725
2350
1700
2375
8A
4009
T2-F
T2-E
T2-D
T2-C
T2-B
T2-A
3325
2725
1150
2525
3325
TOP OF BAL. AND U.P. 143.160 FFL 143.110 SFL
143.915 FFL
COMMON FLAT ROOF (REFUGE FLOOR)
143.60 FFL 143.30 SFL
POTABLE WATER PUMP ROOM
18.180 L.R.C. POTABLE WATER TANK
FAN ROOM FOR RGAMRR
143.30 SFL
LIFT SHAFT
143.50 FFL 143.20 SFL
143.76 FFL 143.46 SFL
PD
FHC
E/S
1255
305
650
1407.5
T2-20
T2-39
T2-38
T2-37
T2-36
T2-35
T2-34
T2-33
T2-32
28°0'
3400
1575
2325
2700
2175
T2-40
T2-16
4075
5125
21
5002
T2-18
T2-5
T2-19
T2-6
T2-17
T2-7
T2-4
T2-3
T2-2
T2-1
T2-L
T2-K
T2-J
T2-H
T2-G
T2-I
T2-E
T2-D
T2-C
T2-B
T2-A
3325
2725
1150
2625
3325
850
1775
FLUSHING WATER PUMP ROOM
11.530 L.R.C. FLUSHING WATER TANK
LIFT SHAFT
LIFT SHAFT
LIFT SHAFT
COMMON FLAT ROOF (REFUGE FLOOR)
143.60 FFL 143.30 SFL
143.60 FFL 143.30 SFL
LIFT SHAFT
LIFT SHAFT
LIFT SHAFT



1 / 3015 LAYOUT PLAN FOR GLASS CLADDING

TOWER 3 (ROOF/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
–	11–AUG–2023	7TH SUBMISSION (NEW DRAWING)	CF

JOB NO. : J–856

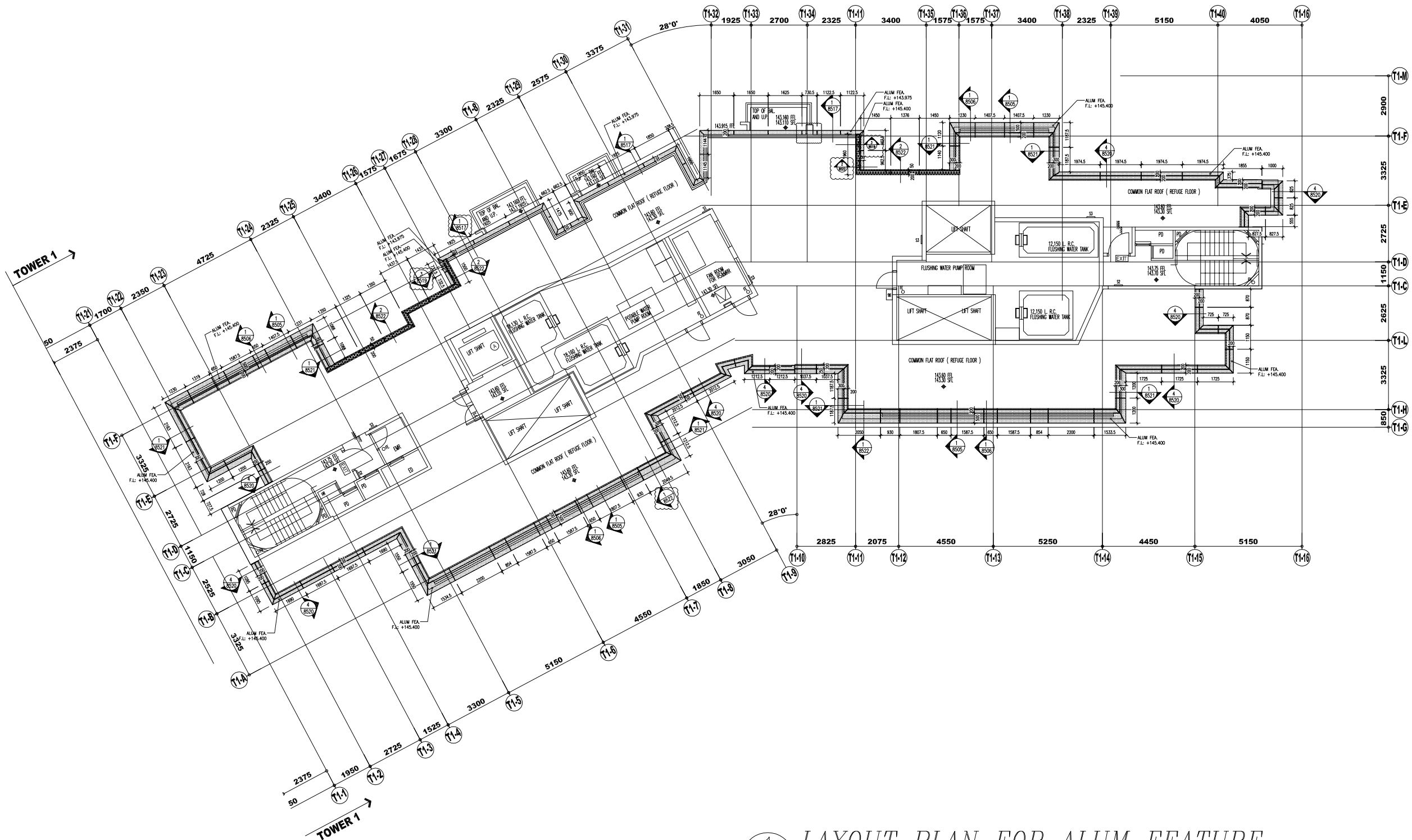
PROJECT :
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE :
LAYOUT PLAN FOR GLASS CLADDING @ TOWER 3 (ROOF/F)

DATE : 31–OCT–22	SCALE : 1:250
DRAWN BY : C.F	CHECKED BY :

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

DWG NO. : J856–SD–CW–3015 | REV. : –



1 / 3016 *LAYOUT PLAN FOR ALUM FEATURE*

TOWER 1 (ROOF/F)

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

3mm ALUM. CLADDING FEATURE COLOR COLOR: UCT309119XLB-3
3mm ALUM. CLADDING FEATURE COLOR COLOR: UCT54291BXL-3

NO.	DATE	REVISED	BY
B	12-OCT-2023	9TH SUBMISSION	CF
A	29-SEP-2023	8TH SUBMISSION	CF
–	11-AUG-2023	(NEW DRAWING) 7TH SUBMISSION	CF

JOB NO. : J-856

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

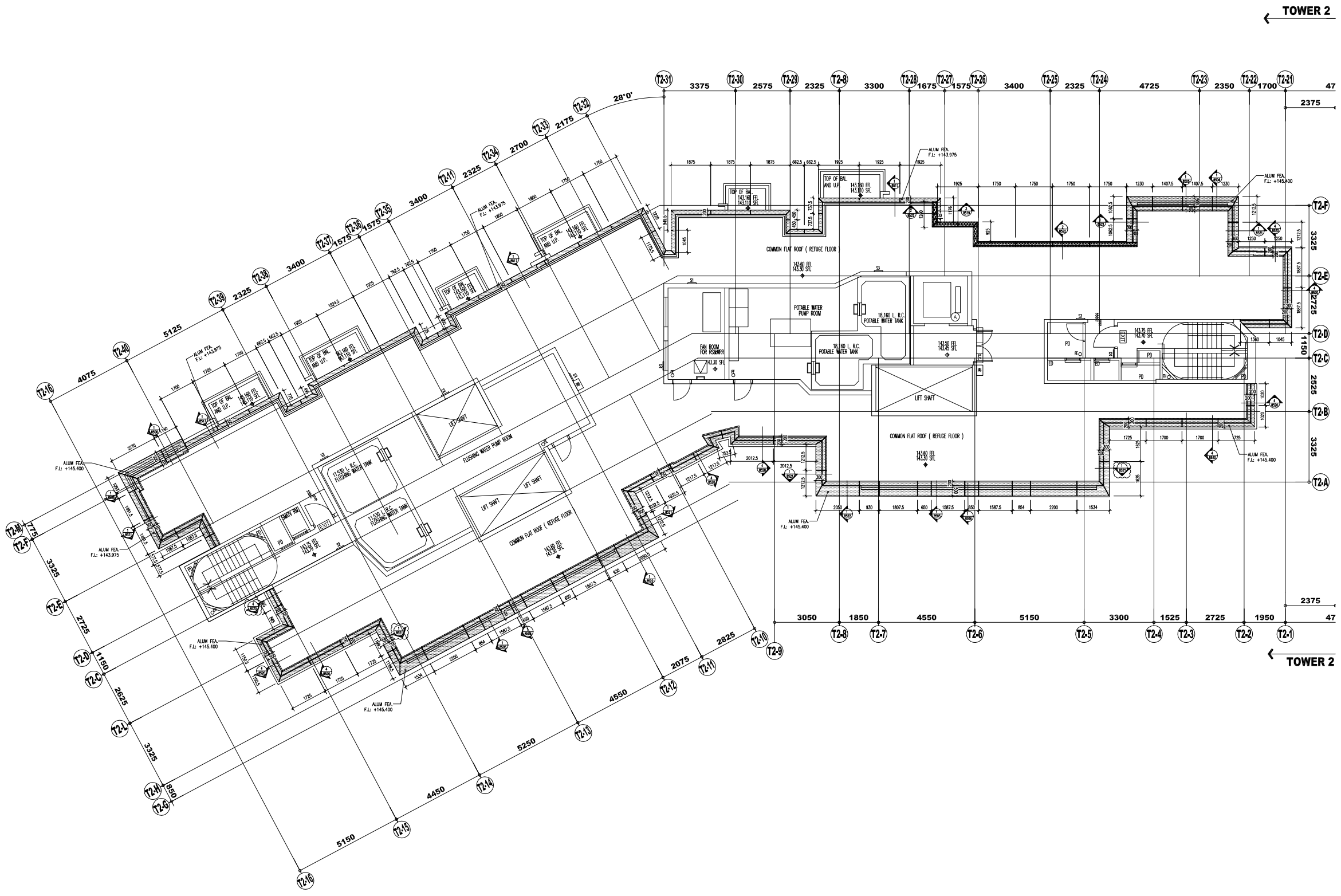
TITLE :
LAYOUT PLAN FOR ALUM FEATURE @ TOWER 1 (ROOF/F)

DATE : 31-OCT-22 | SCALE : 1:200

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3016 | REV. : B



1 / 3017

LAYOUT PLAN FOR ALUM FEATURE

TOWER 2 (ROOF/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :

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

LEGEND :

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

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

3mm ALUM. CLADDING FEATURE COLOR COLOR: UC1309119XLB-3
3mm ALUM. CLADDING FEATURE COLOR COLOR: UC1542919XL-3

NO.	DATE	REVISED	BY
B	12-OCT-2023	9TH SUBMISSION	CF
A	29-SEP-2023	8TH SUBMISSION	CF
–	11-AUG-2023	7TH SUBMISSION (NEW DRAWING)	CF

JOB NO. : J-856

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

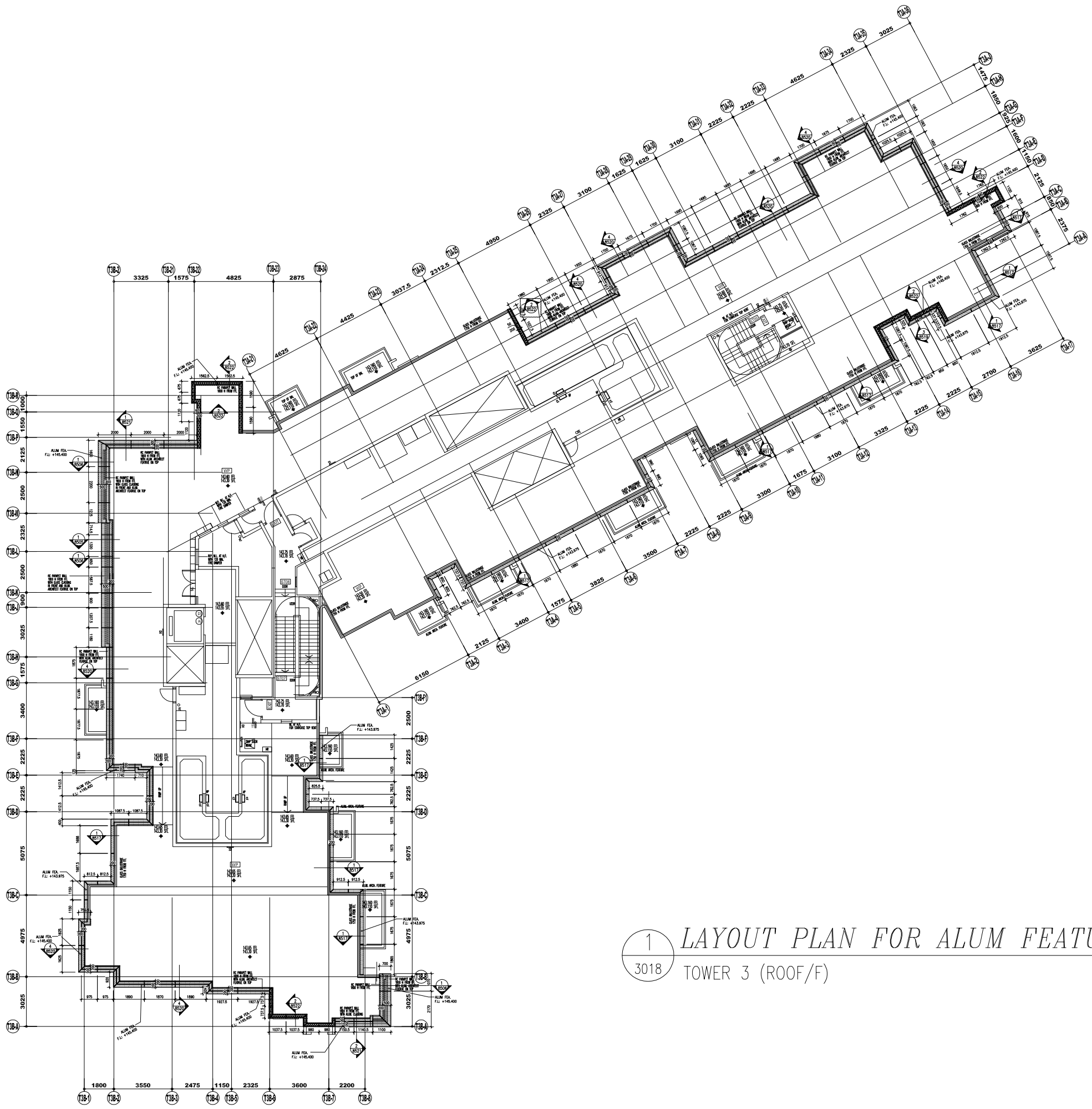
TITLE :
LAYOUT PLAN FOR ALUM FEATURE @ TOWER 2 (ROOF/F)

DATE : 31-OCT-22 | SCALE : 1:200

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-3017 | REV. : B



1 / 3018 LAYOUT PLAN FOR ALUM FEATURE

TOWER 3 (ROOF/F)

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

3mm ALUM. CLADDING FEATURE COLOR COLOR: UCT309119XL8-3
3mm ALUM. CLADDING FEATURE COLOR COLOR: UCT542919XL-3

NO.	DATE	REVISED	BY
B	12-OCT-2023	9TH SUBMISSION	CF
A	29-SEP-2023	8TH SUBMISSION	CF
-	11-AUG-2023	7TH SUBMISSION (NEW DRAWING)	CF

JOB NO. : J-856

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

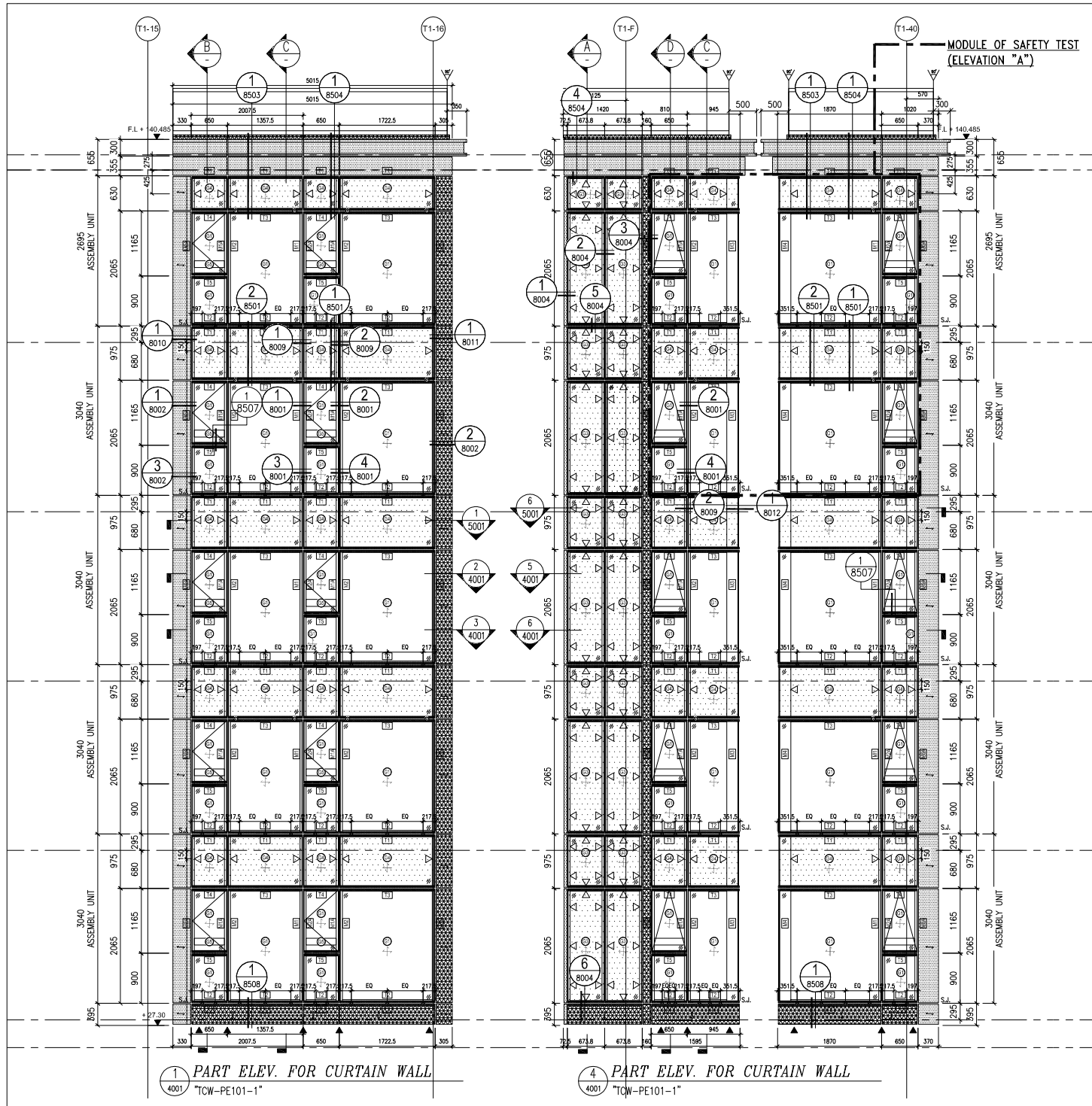
TITLE :
LAYOUT PLAN FOR ALUM FEATURE @ TOWER 3 (ROOF/F)

DATE : 31-OCT-22 | SCALE : 1:250

DRAWN BY : C.F | CHECKED BY :

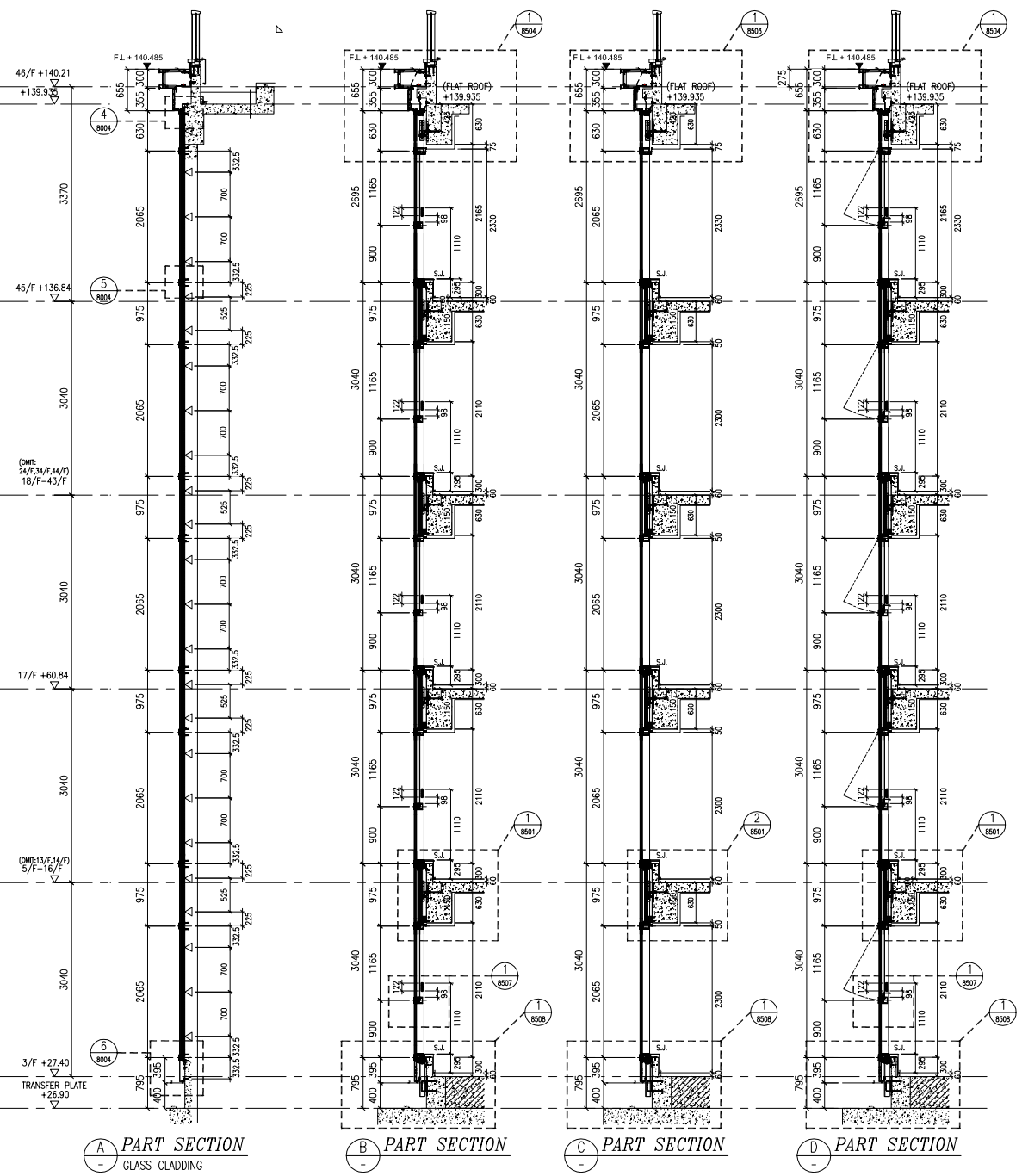
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-3018 | REV. : B



1 4001 "TCW-PE101-1"
PART ELEV. FOR CURTAIN WALL

4 4001 "TCW-PE101-1"
PART ELEV. FOR CURTAIN WALL

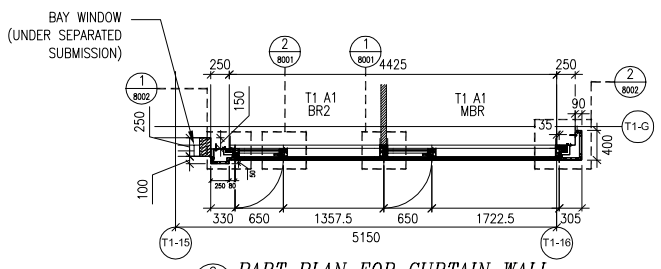


A – *PART SECTION*
GLASS CLADDING

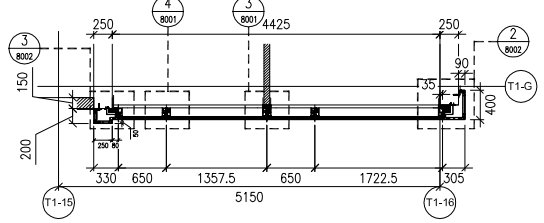
B – *PART SECTION*

C – *PART SECTION*

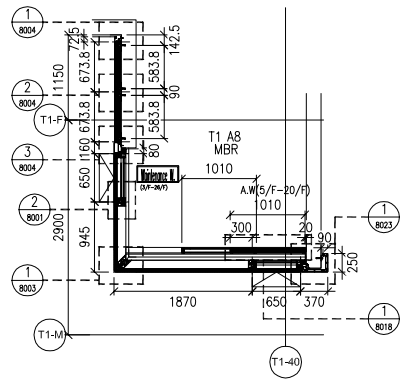
D – *PART SECTION*



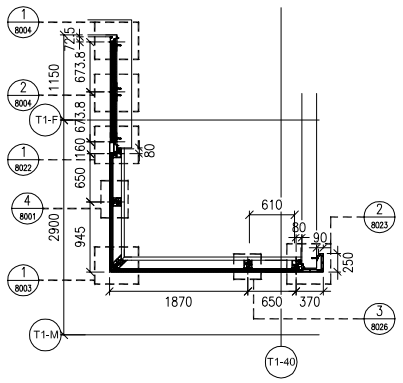
2 4001 "TCW-PE101-1" (HI-VISION)
PART PLAN FOR CURTAIN WALL



3 4001 "TCW-PE101-1" (LO-VISION)
PART PLAN FOR CURTAIN WALL

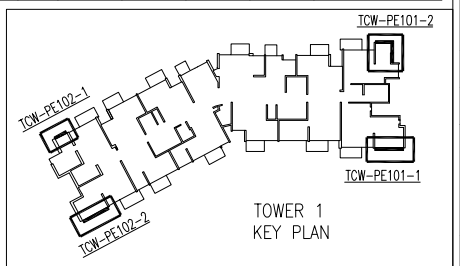


5 4001 "TCW-PE101-2" (HI-VISION)
ACOUSTIC SCREEN FOR (5/F-20/F) ONLY
MAINTENANCE WINDOW FOR (3/F-26/F) ONLY
PART PLAN FOR CURTAIN WALL



6 4001 "TCW-PE101-2" (LO-VISION)
PART PLAN FOR CURTAIN WALL

LIGHTING AND OPENABLE AREA								
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T1	A1	MBR	0.793 M²	4.143 M²	0.496 M²	0.509 M²	TCW-PE101-1
T1	A1	BR2	0.420 M²	3.432 M²	0.263 M²	0.509 M²	TCW-PE101-1
T1	A8	MBR	0.696 M²	6.186 M²	0.435 M²	0.509 M²	TCW-PE101-2



TOWER 1
KEY PLAN

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

LEGEND:
- IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
- IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
- 12mm HEAT STRENDTHENED GLASS (SPANDREL) /W ALUM BACK PANEL
- 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
- 10mm HEAT STRENDTHENED GLASS (CLASS CLADDING) /W ALUM BACK PANEL
- 3mm ALUM. CLADDING COLOR: UCT5209119XL8~3
- 3mm ALUM. CLADDING COLOR: UCT5429119XL~3
- 22MM WEEP HOLE (HIGH)
- ▲ : WIND LOAD (STARTER CAST-IN EMBED)
- S.J.: WIND LOAD (STACK JOINT)
- WIND LOAD + DEAD LOAD BRACKET
- RESTRAINT SOCKET ONLY APPLY AT: 7/F, 15/F, 21/F, 28/F, 35/F AND 41/F ONLY

NO.	DATE	REVISED	BY
E	25-AUG-2023	7TH SUBMISSION	CF
D	20-APR-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3TH SUBMISSION	CF
A	28-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

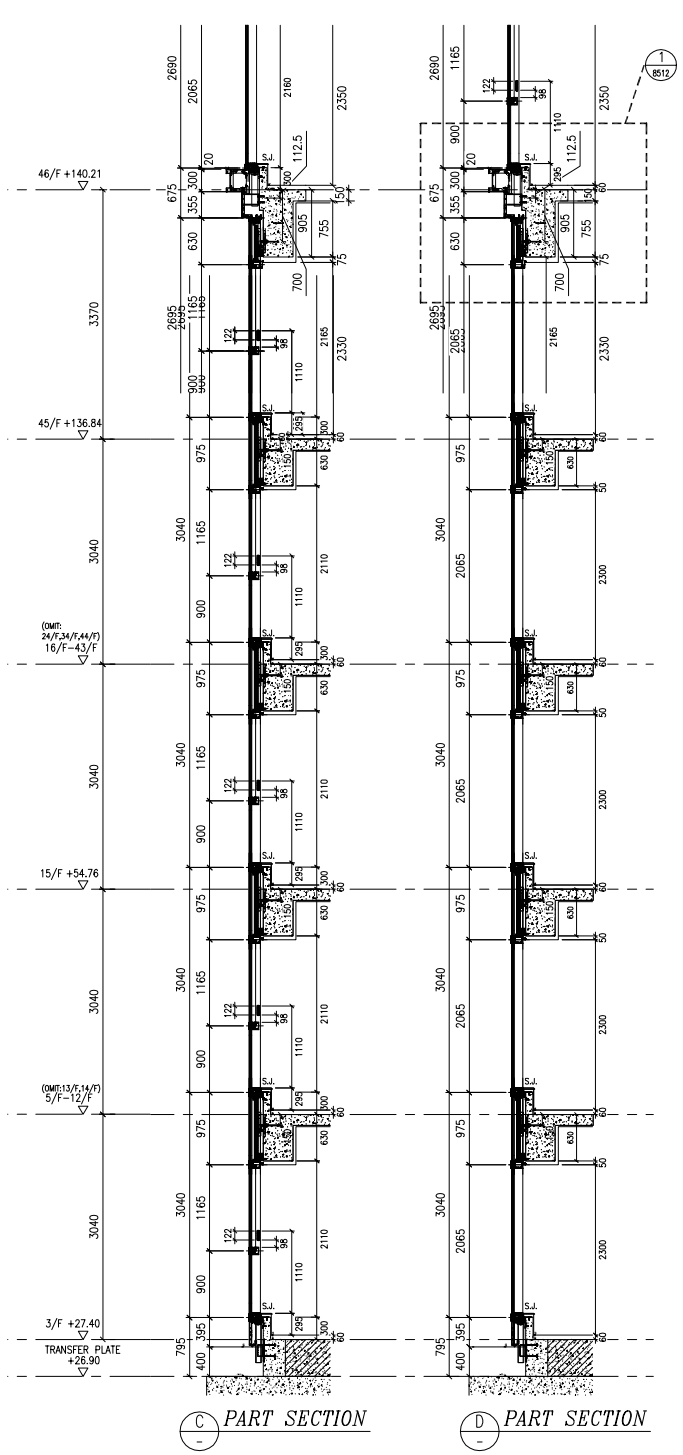
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)

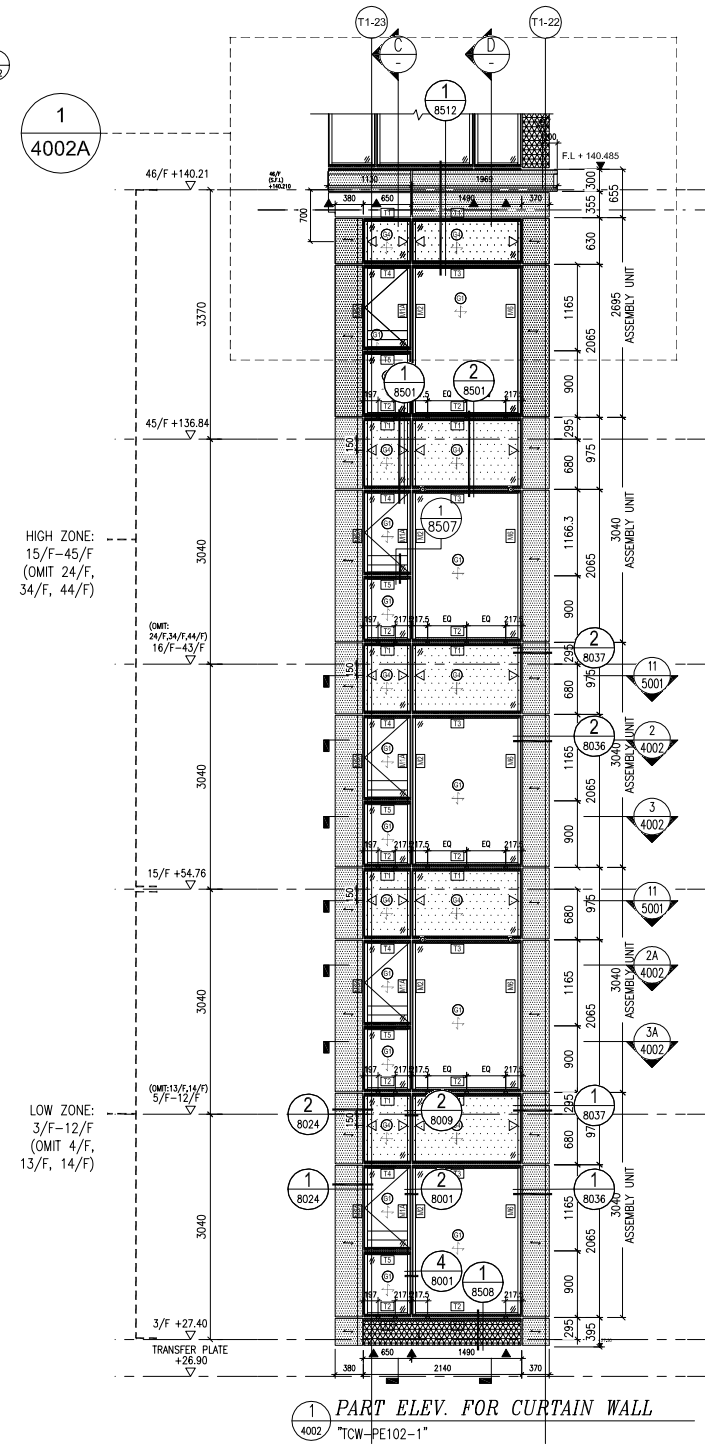
DATE : 31-OCT-22 | SCALE : 1:100

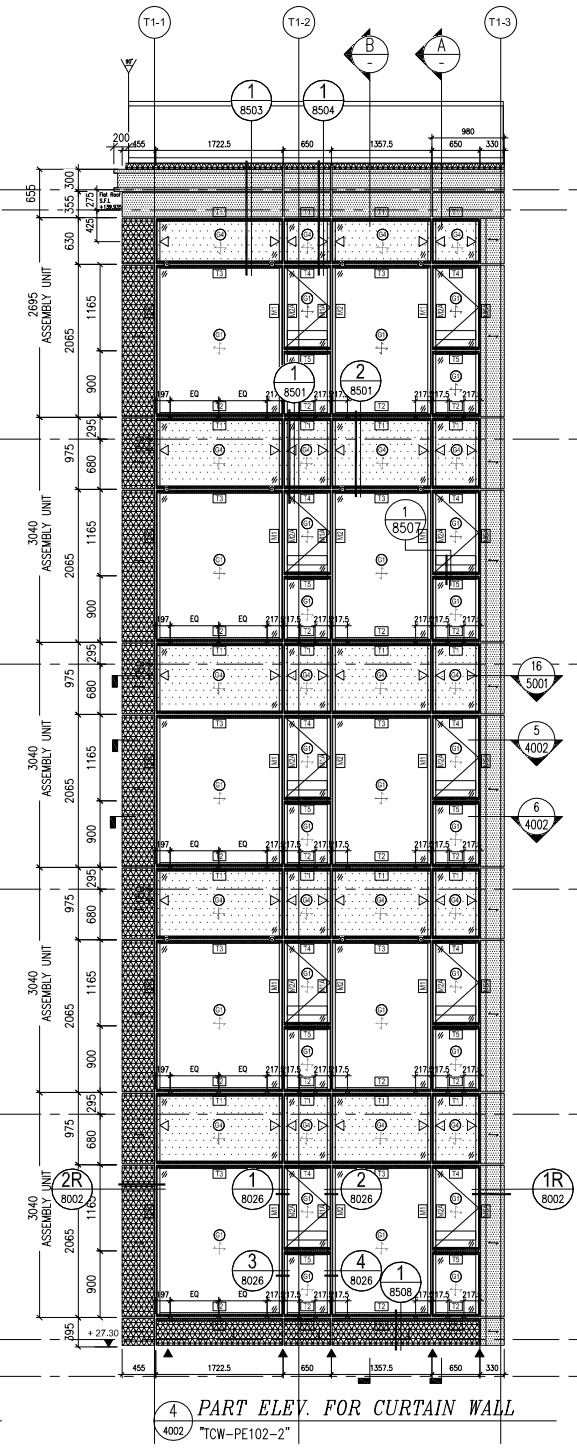
DRAWN BY : C.F | CHECKED BY :

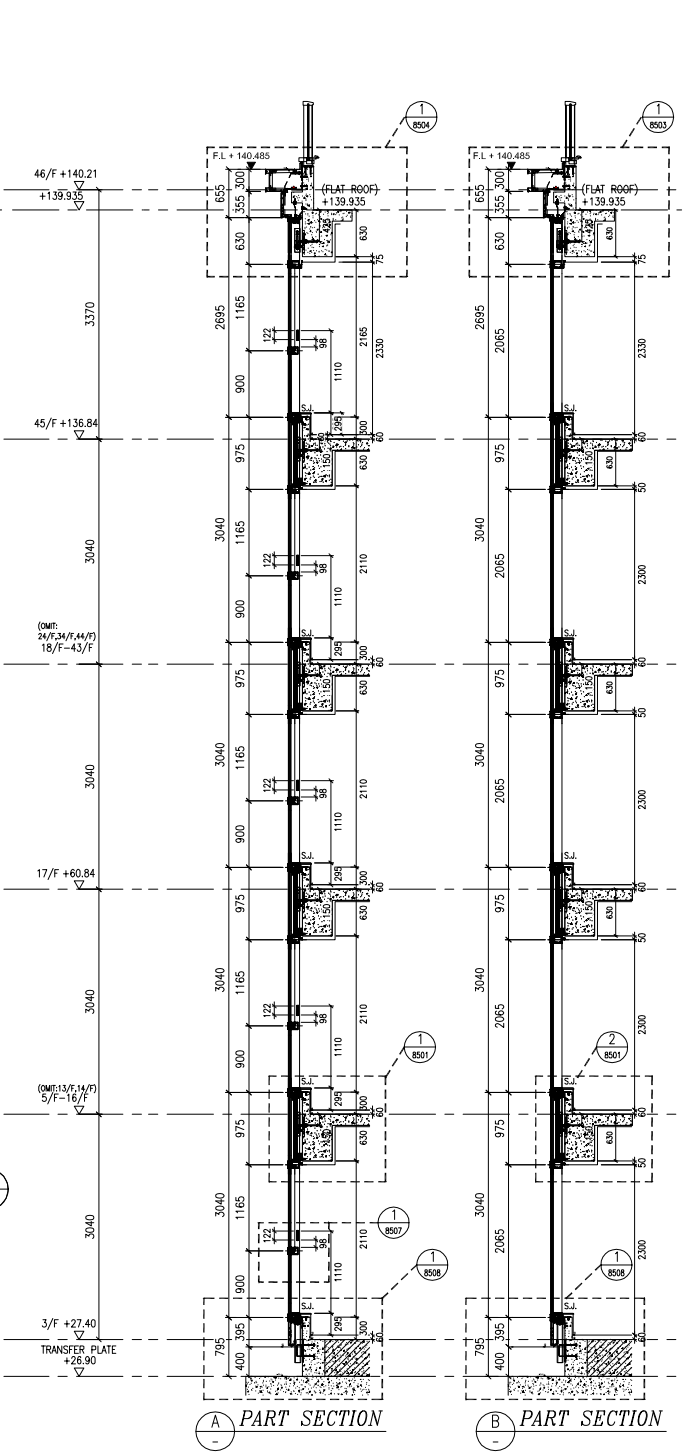
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

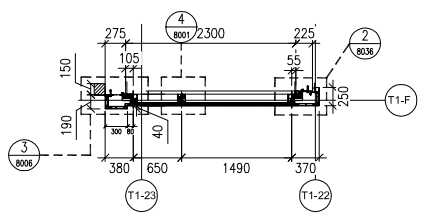
DWG NO. : J856-SD-CW-4001 | REV. : E

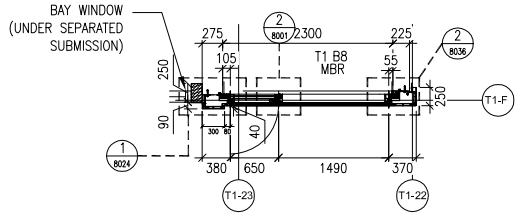


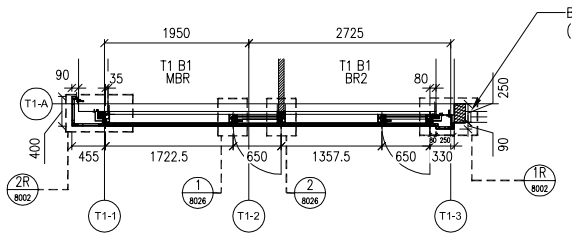


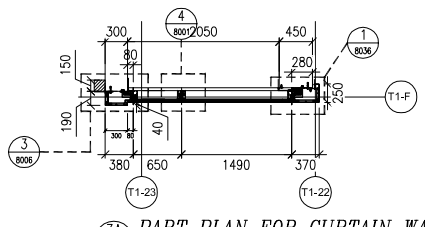


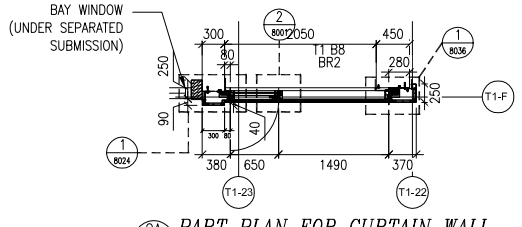


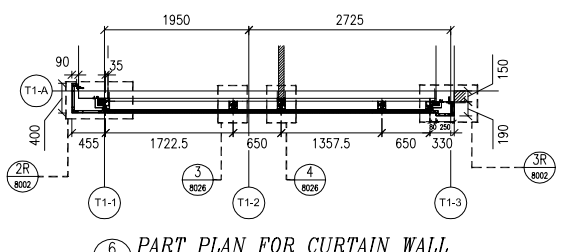




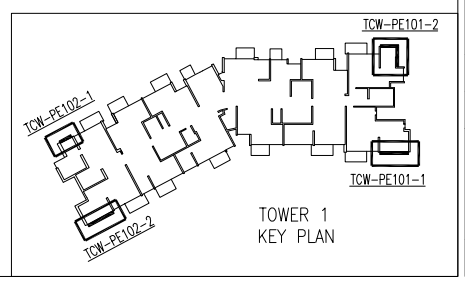








LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T1	B8	MBR (LOW Z)	0.759 M²	3.690 M²	0.474 M²	0.509 M²	TCW–PE102–1
T1	B8	MBR (HIGH Z)	0.716 M²	3.690 M²	0.448 M²	0.509 M²	TCW–PE102–1
T1	B1	BR2	0.420 M²	3.433 M²	0.263 M²	0.509 M²	TCW–PE102–2
T1	B1	MBR	0.798 M²	4.144 M²	0.498 M²	0.509 M²	TCW–PE102–2



B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

LEGEND:
- IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
- IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
- 12mm HEAT STRENGTHENED GLASS (SPANDREL) /W ALUM BACK PANEL
- 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
- 10mm HEAT STRENGTHENED GLASS (CLADDING) /W ALUM BACK PANEL
- 3mm ALUM. CLADDING COLOR: UCT309119XLB–3
- 3mm ALUM. CLADDING COLOR: UCT9429190–3
- 22MM WEEP HOLE (HIGH)
- ▲ : WIND LOAD (STARTER CAST–IN EMBED)
- S.J.: WIND LOAD (STACK JOINT)
- WIND LOAD + DEAD LOAD BRACKET
- RESTRAINT SOCKET ONLY APPLY AT: 7/F, 15/F, 21/F, 28/F, 35/F AND 41/F ONLY

NO.	DATE	REVISED	BY
E	25–AUG–2023	7TH SUBMISSION	CF
D	20–APR–2023	5TH SUBMISSION	CF
C	21–FEB–2023	4TH SUBMISSION	CF
B	13–JAN–2023	3TH SUBMISSION	CF
A	22–DEC–2022	2ND SUBMISSION	CF

JOB NO. : J–856

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

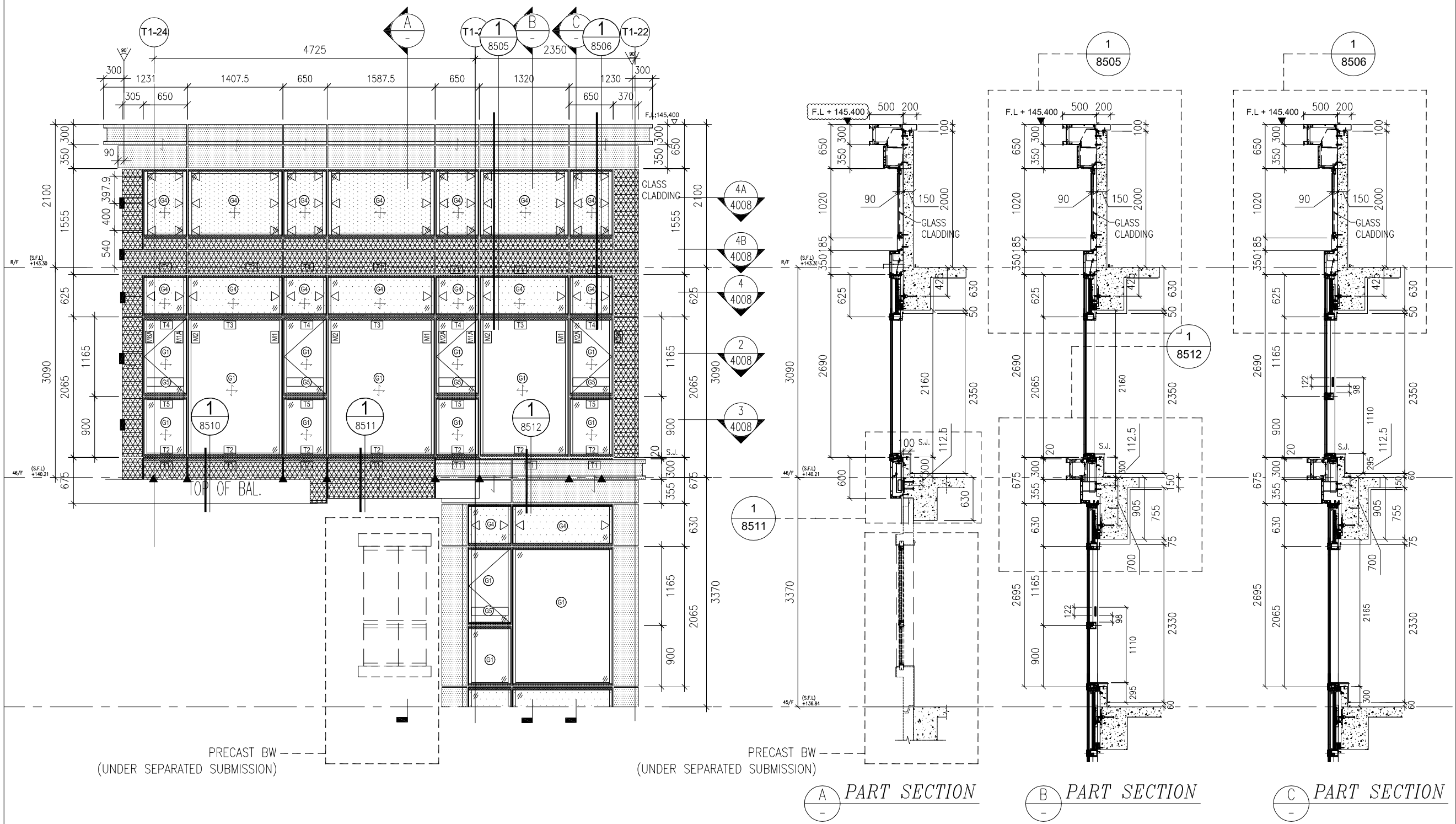
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)

DATE : 31–OCT–22 | SCALE : 1:100

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856–SD–CW–4002 | REV. : E



A – PART SECTION

B – PART SECTION

C – PART SECTION

1 / 4002A PART ELEV. FOR CURTAIN WALL

"TCW-PE102-1" INTERFACING WITH "T1-SU-CW3"

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

LEGEND:

- IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
- IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
- 12mm HEAT STREND/THENED GLASS (SPANDREL) /W ALUM BACK PANEL
- 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
- 10mm HEAT STREND/THENED GLASS (CLASS CLADDING) /W ALUM BACK PANEL
- 3mm ALUM. CLADDING COLOR: UCT309119XLB-3
- 3mm ALUM. CLADDING COLOR: UCT429191XL-3
- 22MM WEEP HOLE (HIGH)
- ▲ : WIND LOAD (STARTER CAST-IN EMBED)
- S.J.: WIND LOAD (STACK JOINT)
- WIND LOAD + DEAD LOAD BRACKET
- EMBED EM09 (FOR GLASS CLADDING)

NO.	DATE	REVISED	BY
C	25-AUG-2023	7TH SUBMISSION	CF
B	08-MAY-2023	5TH SUBMISSION	CF
A	27-FEB-2022	4TH SUBMISSION	CF
–	16-DEC-2022	NEW DRAWING	CF

JOB NO. : J-856

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

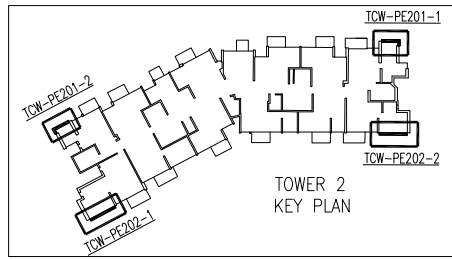
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)

DATE : 31-OCT-22 | SCALE : 1:60

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-4002A | REV. : C



TOWER 2
KEY PLAN

LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T2	B8	MBR	0.701 M²	5.061 M²	0.438 M²	0.912 M²	TCW-PE201-1
T2	A8	MBR	0.721 M²	5.061 M²	0.451 M²	0.912 M²	TCW-PE201-2

MODULE OF SAFETY TEST
(ELEVATION "B1")

REMEDIAL CASE:
@46/F
REFER TO: 2 8508E

REMEDIAL CASE:
@46/F
REFER TO: 1 8508E

REMEDIAL CASE:
@46/F
REFER TO: 3R 8508E

R/F +143.30
46/F +140.21
45/F +136.84
17/F +60.84
3/F +27.40
TRANSFER PLATE +26.90

A - PART SECTION

B - PART SECTION

1 4003 PART ELEV. FOR CURTAIN WALL
"TCW-PE201-1"

4 4003 PART ELEV. FOR CURTAIN WALL
"TCW-PE201-2"

C - PART SECTION

D - PART SECTION

3 4003 PART PLAN FOR CURTAIN WALL
"TCW-PE201-1" (LO-VISION)

2 4003 PART PLAN FOR CURTAIN WALL
"TCW-PE201-1" (HI-VISION)

5 4003 PART PLAN FOR CURTAIN WALL
"TCW-PE201-2" (HI-VISION)

6 4003 PART PLAN FOR CURTAIN WALL
"TCW-PE201-2" (LO-VISION)

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
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X001 — REFER SHEET NO.

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3. /R --REVERSED DETAIL

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- IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
- 12mm HEAT STRENDTHENED GLASS (SPANDREL) /W ALUM BACK PANEL
- 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
- 10mm HEAT STRENDTHENED GLASS (CLASS CLADDING) /W ALUM BACK PANEL
- 3mm ALUM. CLADDING COLOR: UCT5091190L8-3 — ▲: WIND LOAD (STARTER CAST-IN EMBED)
- 3mm ALUM. CLADDING COLOR: UCT5429190L-3 — S.J.: WIND LOAD (STACK JOINT)
- WIND LOAD + DEAD LOAD BRACKET
- RESTRAINT SOCKET ONLY APPLY AT: 7/F, 15/F, 21/F, 28/F, 35/F AND 41/F ONLY

NO.	DATE	REVISED	BY
F	29-SEP-2023	8TH SUBMISSION	CF
E	25-AUG-2023	7TH SUBMISSION	CF
D	03-MAY-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3TH SUBMISSION	CF

JOB NO. : J-856

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

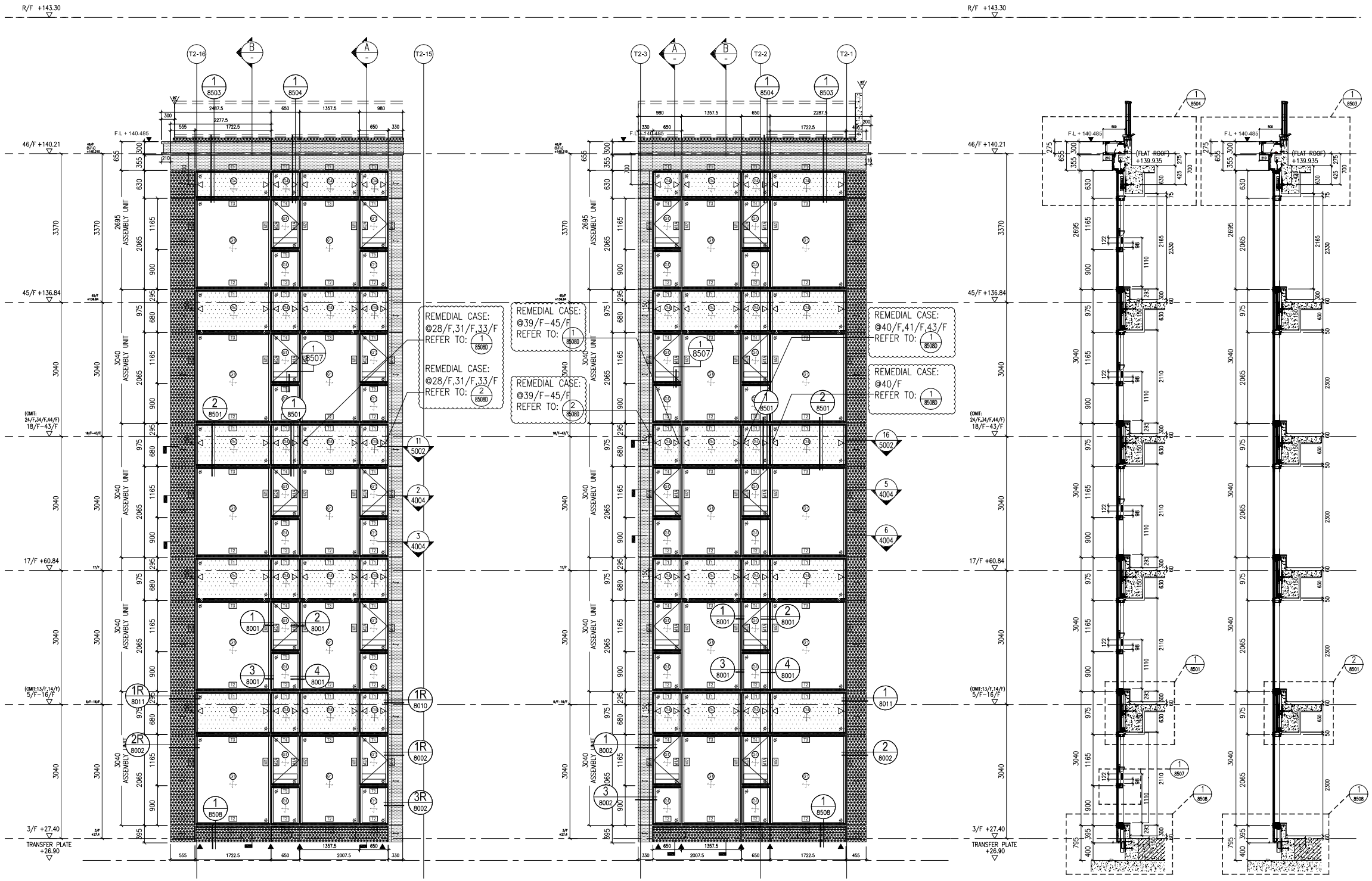
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 (TYPICAL)

DATE : 31-OCT-22 | SCALE : 1:100

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-4003 | REV. : F

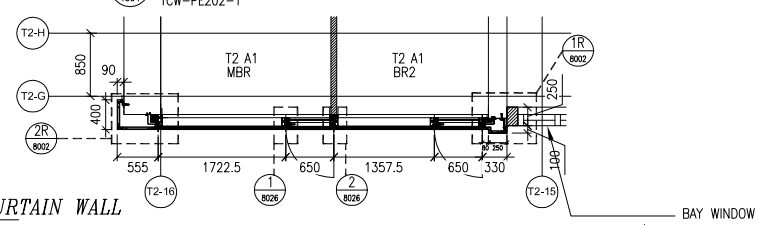


1 4004 *PART ELEV. FOR CURTAIN WALL* "TCW-PE202-1"

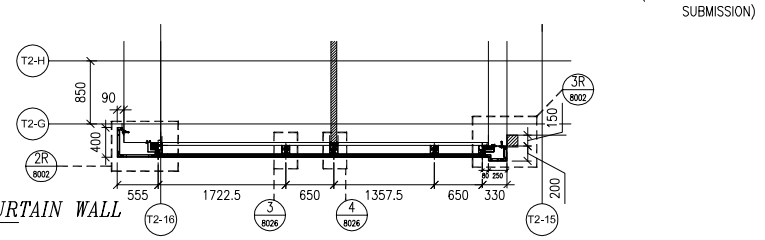
4 4004 *PART ELEV. FOR CURTAIN WALL* "TCW-PE202-2"

A *PART SECTION*

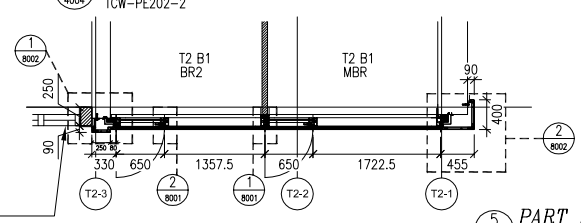
B *PART SECTION*



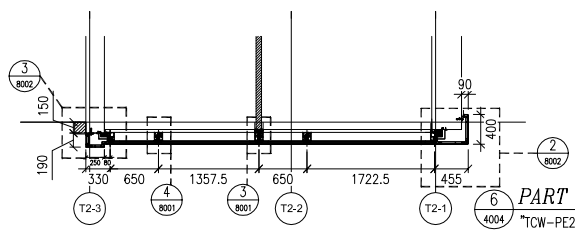
2 4004 *PART PLAN FOR CURTAIN WALL* "TCW-PE202-1" (HI-VISION)



3 4004 *PART PLAN FOR CURTAIN WALL* "TCW-PE202-1" (LO-VISION)

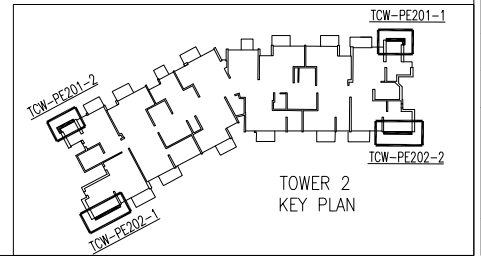


5 4004 *PART PLAN FOR CURTAIN WALL* "TCW-PE202-2" (HI-VISION)



6 4004 *PART PLAN FOR CURTAIN WALL* "TCW-PE202-2" (LO-VISION)

LIGHTING AND OPENABLE AREA								
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T2	A1	MBR	0.793 M²	4.143 M²	0.496 M²	0.509 M²	TCW-PE202-1
T2	A1	BR2	0.420 M²	3.432 M²	0.263 M²	0.509 M²	TCW-PE202-1
T2	B1	MBR	0.798 M²	4.143 M²	0.498 M²	0.509 M²	TCW-PE202-2
T2	B1	BR2	0.420 M²	3.432 M²	0.263 M²	0.509 M²	TCW-PE202-2



B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

LEGEND:
- IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
- IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
- 12mm HEAT STRENDTHENED CLASS (SPANDREL) /W ALUM BACK PANEL
- 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
- 10mm HEAT STRENDTHENED GLASS (CLASS CLADDING) /W ALUM BACK PANEL
- 3mm ALUM. CLADDING COLOR: UCT5091910L-3 — ▲: WIND LOAD (STARTER CAST-IN EMBED)
- 3mm ALUM. CLADDING COLOR: UCT5429190L-3 — S.J.: WIND LOAD (STACK JOINT)
- WIND LOAD + DEAD LOAD BRACKET
- RESTRAINT SOCKET ONLY APPLY AT: 7/F, 15/F, 21/F, 28/F, 35/F AND 41/F ONLY

NO.	DATE	REVISED	BY
F	29-SEP-2023	8TH SUBMISSION	CF
E	25-AUG-2023	7TH SUBMISSION	CF
D	03-MAY-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3TH SUBMISSION	CF

JOB NO. : J-856

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

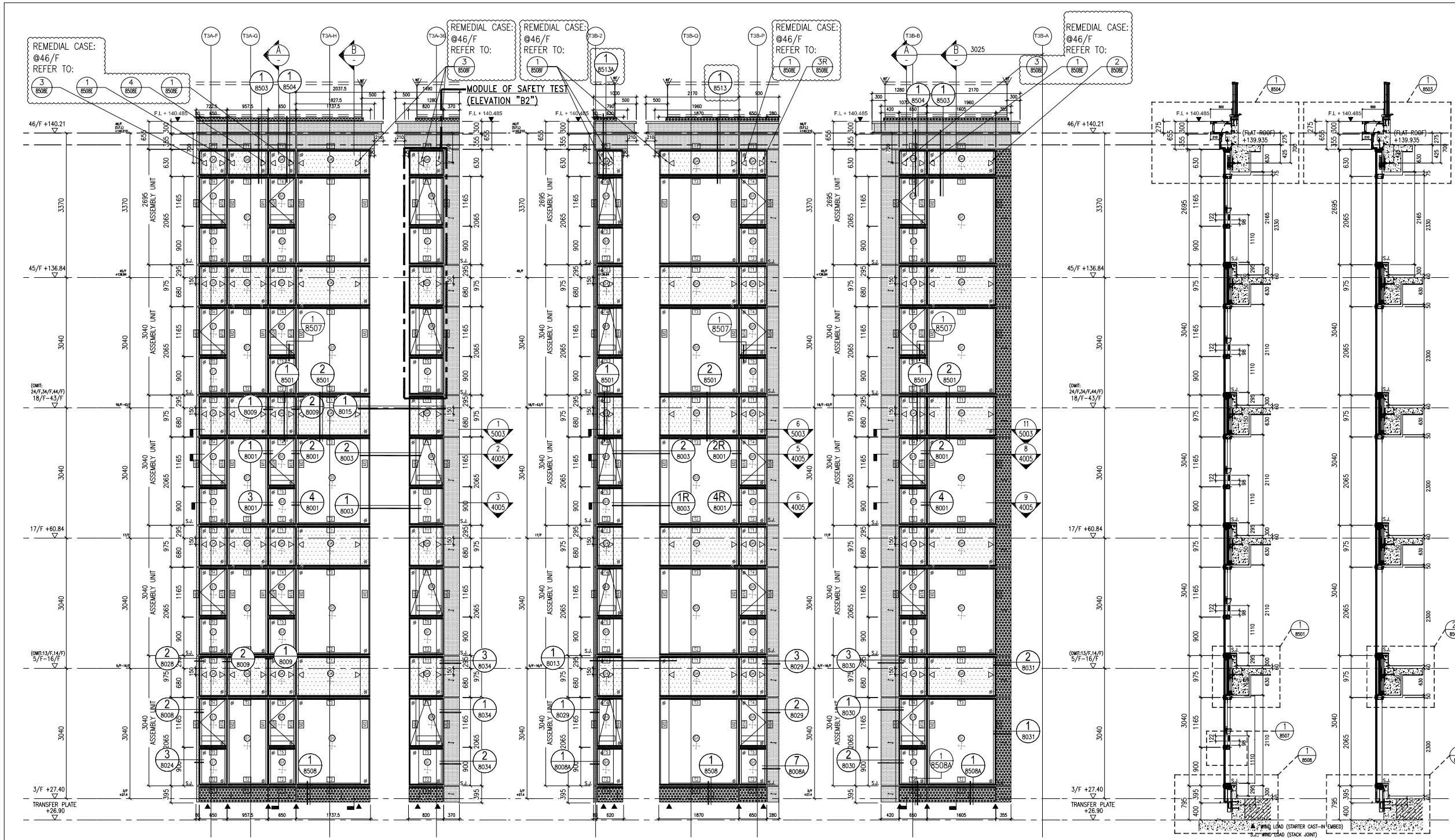
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 (TYPICAL)

DATE : 31-OCT-22 | SCALE : 1:10

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-4004 | REV. : F



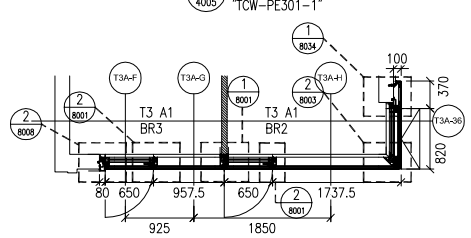
1 4005 *PART ELEV. FOR CURTAIN WALL*
"TCW-PE301-1"

4 4005 *PART ELEV. FOR CURTAIN WALL*
"TCW-PE301-2"

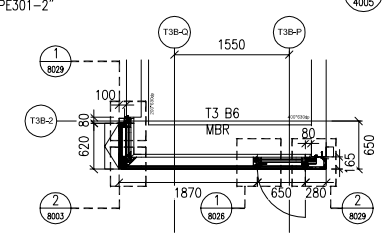
7 4005 *PART ELEV. FOR CURTAIN WALL*
"TCW-PE302-1"

A – *PART SECTION*

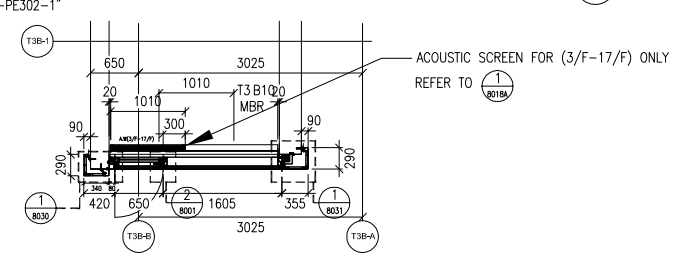
B – *PART SECTION*



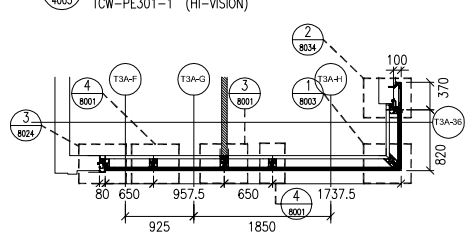
2 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE301-1" (HI-VISION)



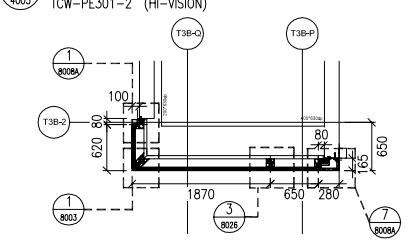
5 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE301-2" (HI-VISION)



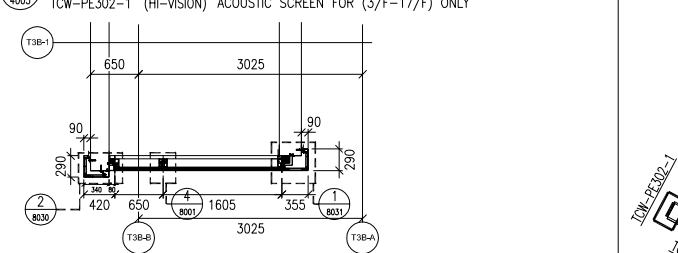
8 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE302-1" (HI-VISION) ACOUSTIC SCREEN FOR (3/F-17/F) ONLY



3 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE301-1" (LO-VISION)

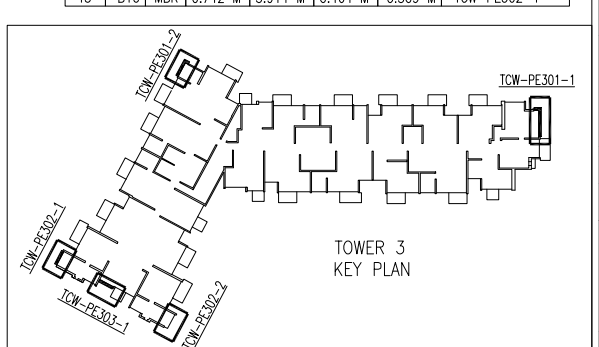


6 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE301-2" (LO-VISION)



9 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE302-1" (LO-VISION)

LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T3	A1	BR2	0.420 M²	4.793 M²	0.263 M²	1.137 M²	TCW-PE301-1
T3	A1	BR3	0.420 M²	2.652 M²	0.263 M²	0.509 M²	TCW-PE301-1
T3	B6	MBR	0.732 M²	4.681 M²	0.457 M²	0.818 M²	TCW-PE301-2
T3	B10	MBR	0.742 M²	3.914 M²	0.464 M²	0.509 M²	TCW-PE302-1



B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

LEGEND:
- IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
- IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
- 12mm HEAT STRENGTHENED GLASS (SPANDREL) /W ALUM BACK PANEL
- 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
- 10mm HEAT STRENGTHENED GLASS (CLASS CLADDING) /W ALUM BACK PANEL
- 3mm ALUM. CLADDING COLOR: UCTS09119XL8-3 — ▲ : WIND LOAD (STARTER CAST-IN EMBED)
- 3mm ALUM. CLADDING COLOR: UCTS42191XL-3 — S.J.: WIND LOAD (STACK JOINT)
- ▲ WIND LOAD (STARTER CAST-IN EMBED) S.J. WIND LOAD (STACK JOINT)
- WIND LOAD + DEAD LOAD BRACKET
- RESTRAINT SOCKET ONLY APPLY AT: 7/F, 15/F, 21/F, 28/F, 35/F AND 41/F ONLY

NO.	DATE	REVISED	BY
F	29-SEP-2023	8TH SUBMISSION	CF
E	25-AUG-2023	7TH SUBMISSION	CF
D	03-MAY-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3ND SUBMISSION	CF

JOB NO. : J-856

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

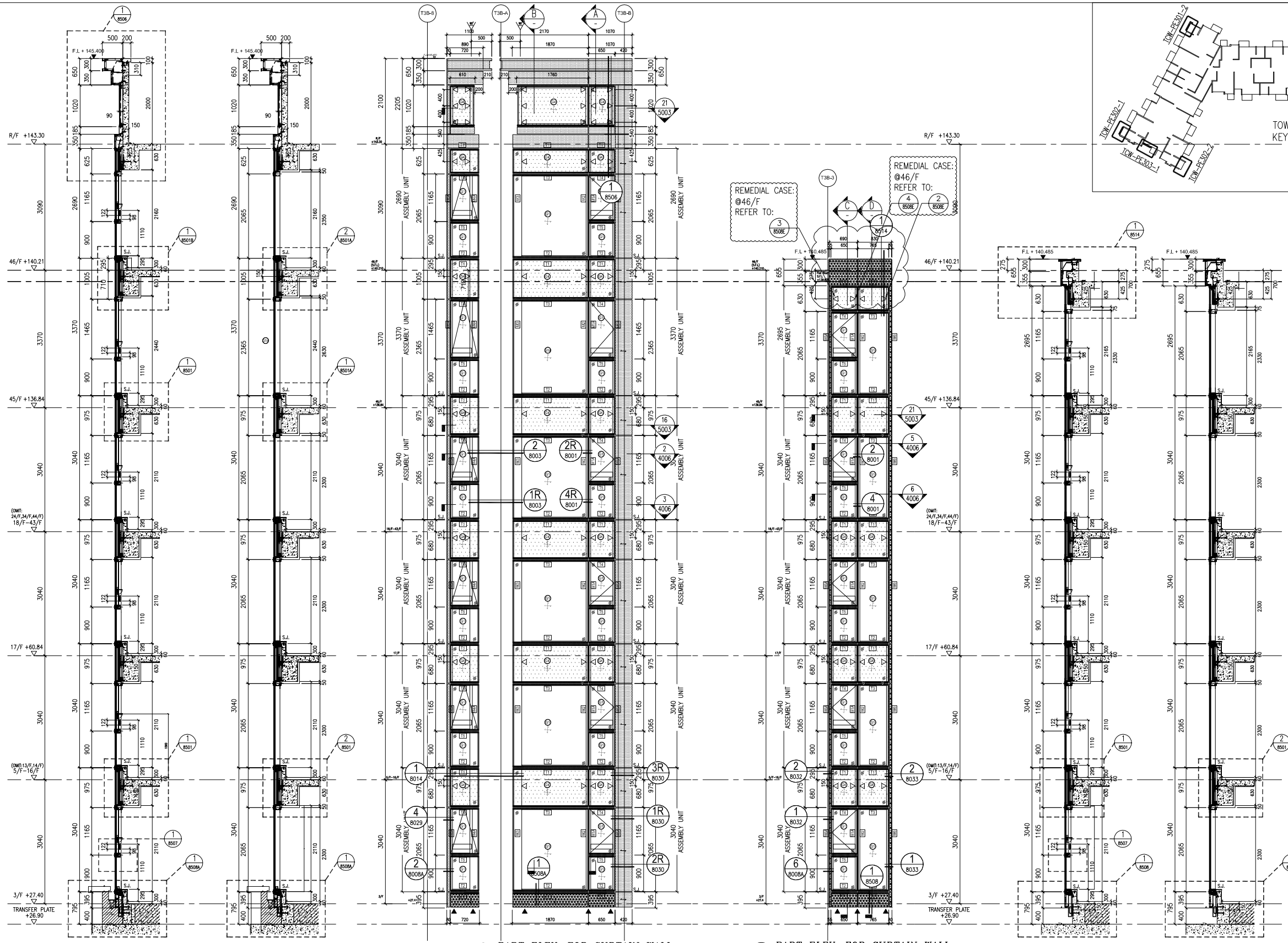
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 (TYPICAL)

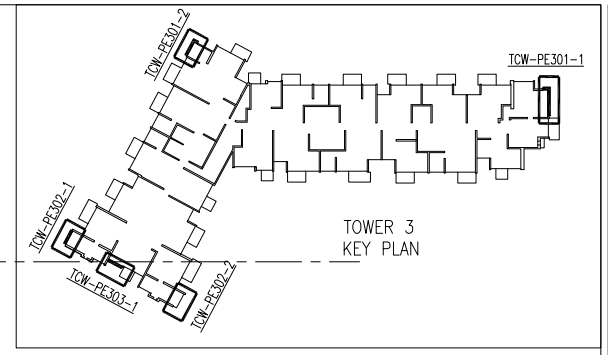
DATE : 31-OCT-22 | SCALE : 1:100

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-4005 | REV. : F





A PART SECTION

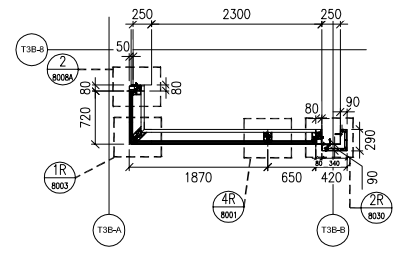
B PART SECTION

1 4006 PART ELEV. FOR CURTAIN WALL "TCW-PE302-2"

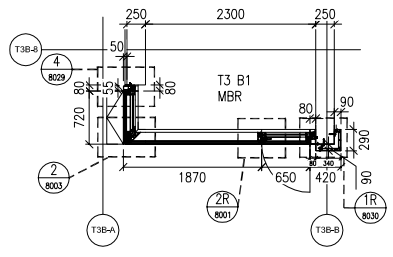
4 4006 PART ELEV. FOR CURTAIN WALL "TCW-PE303-1"

C PART SECTION

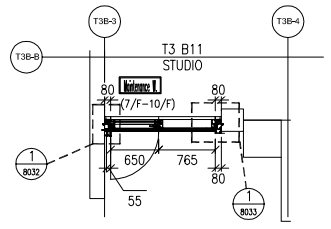
D PART SECTION



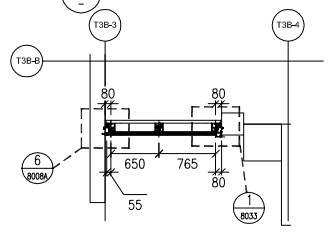
3 4006 PART PLAN FOR CURTAIN WALL "TCW-PE302-2" (LO-VISION)



2 4006 PART PLAN FOR CURTAIN WALL "TCW-PE302-2" (HI-VISION)



5 4006 PART PLAN FOR CURTAIN WALL "TCW-PE303-1" (HI-VISION)
MAINTENANCE WINDOW FOR (7/F-10/F) ONLY



6 4006 PART PLAN FOR CURTAIN WALL "TCW-PE303-1" (LO-VISION)

LIGHTING AND OPENABLE AREA

TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T3	B1	MBR	0.742 M²	4.866 M²	0.464 M²	0.912 M²	TCW-PE302-2
T3	B11	STO	1.552 M²	2.276 M²	1.288 M²	0.509+1.657=2.166 M²	TCW-PE302-3

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

LEGEND:
- 6(12)6 — IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
- 6(12)6 — IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
- 6 — 12mm HEAT STRENGTHENED GLASS (SPANDREL) /W ALUM BACK PANEL
- 12 — 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
- 10 — 10mm HEAT STRENGTHENED GLASS (GLASS CLADDING) /W ALUM BACK PANEL
- 3mm ALUM. CLADDING COLOR: UCT-509193XLB-3
- 3mm ALUM. CLADDING COLOR: UCT-529199XC-3
- ▲ : WIND LOAD (STARTER CAST-IN EMBED)
- S.J.: WIND LOAD (STACK JOINT)
- WIND LOAD + DEAD LOAD BRACKET
- RESTRAINT SOCKET ONLY APPLY AT: 7/F, 15/F, 21/F, 28/F, 35/F AND 41/F ONLY

NO.	DATE	REVISED	BY
F	29-SEP-2023	8TH SUBMISSION	CF
E	25-AUG-2023	7TH SUBMISSION	CF
D	03-MAY-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3ND SUBMISSION	CF

JOB NO. : J-856

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

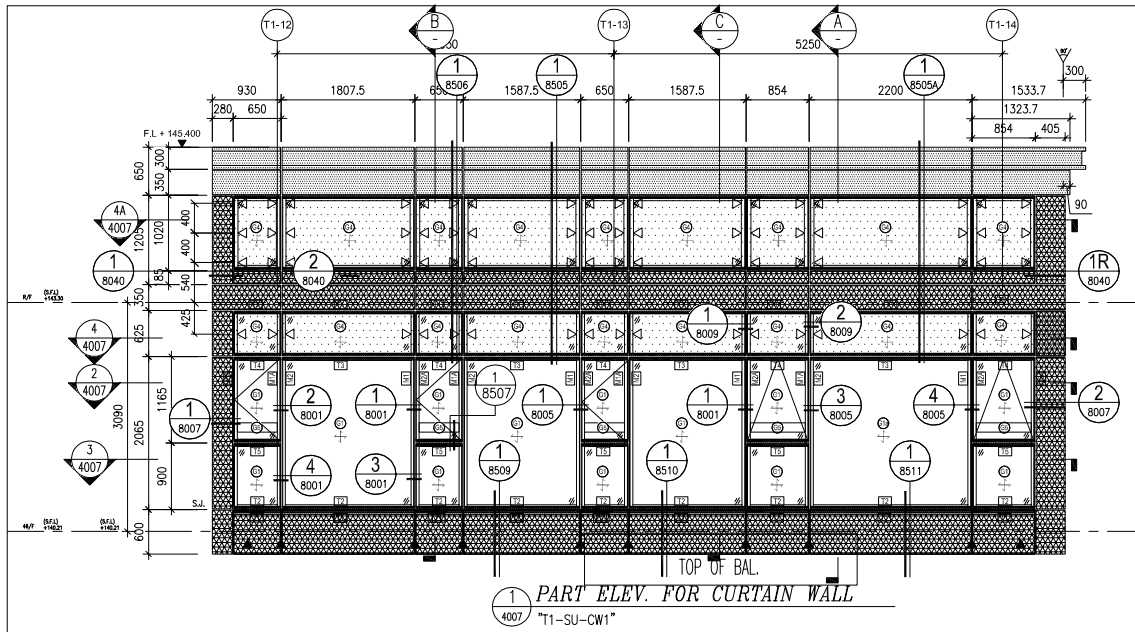
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 (TYPICAL)

DATE : 31-OCT-22 | SCALE : 1:100

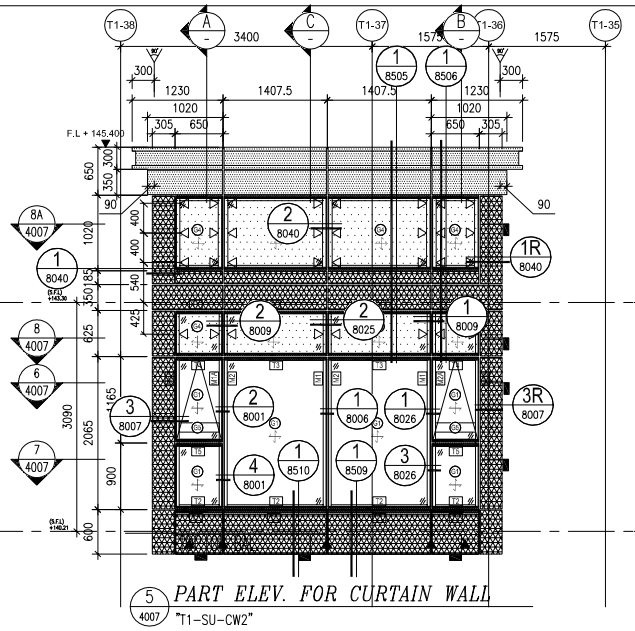
DRAWN BY : C.F | CHECKED BY :

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

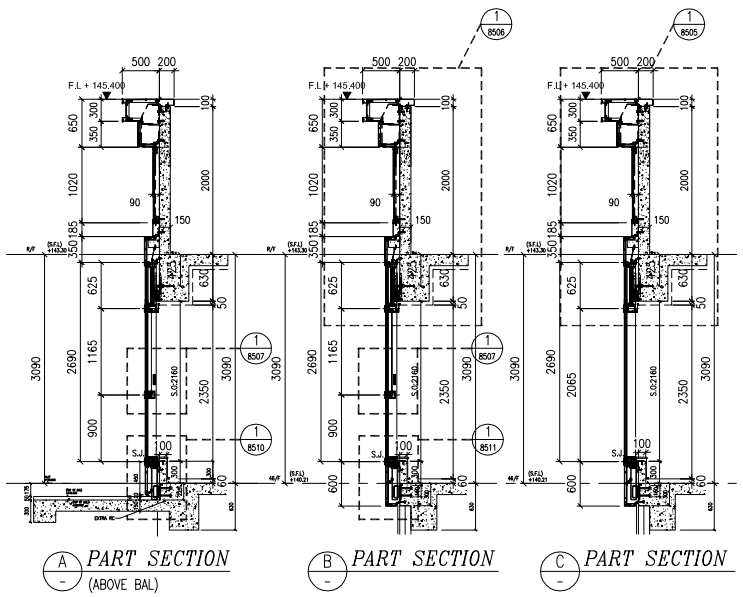
DWG NO. : J856-SD-CW-4006 | REV. : F



1 4007 *PART ELEV. FOR CURTAIN WALL*
"T1-SU-CW1"



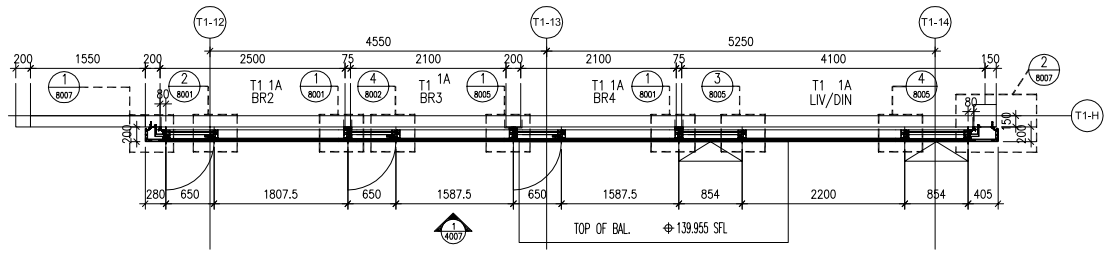
5 4007 *PART ELEV. FOR CURTAIN WALL*
"T1-SU-CW2"



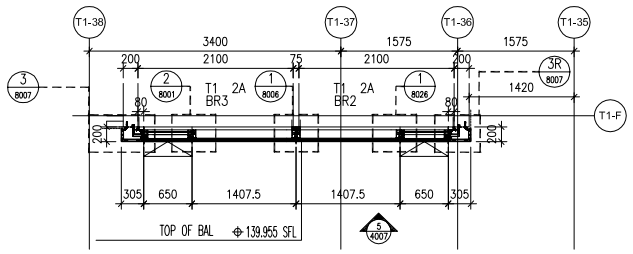
A - *PART SECTION*
(ABOVE BAL)

B - *PART SECTION*

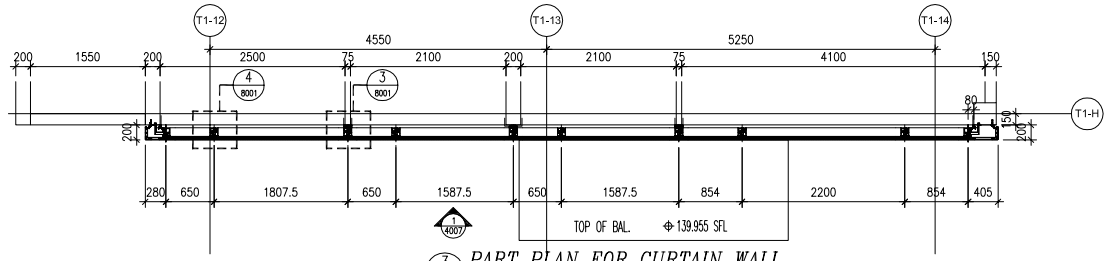
C - *PART SECTION*



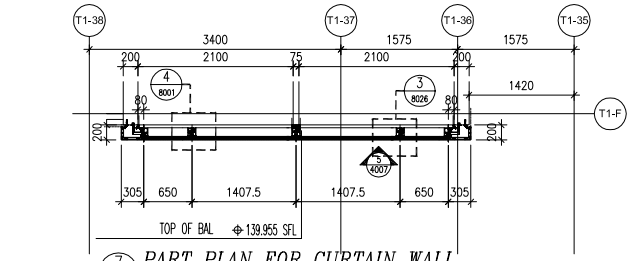
2 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW1" (HI-VISION)



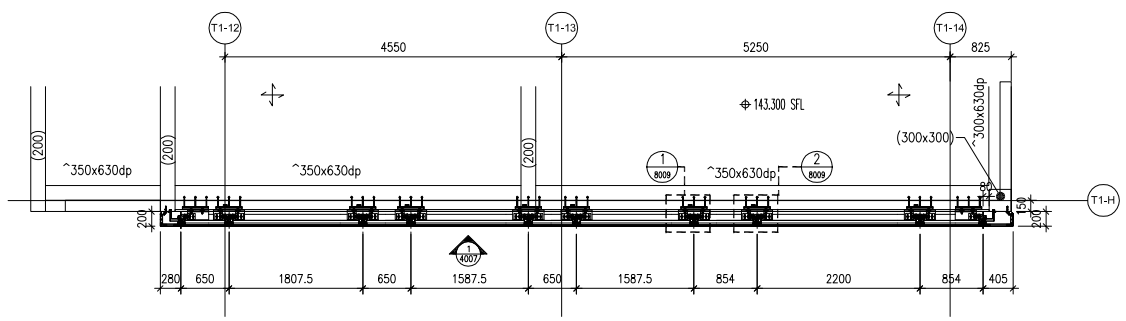
6 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW2" (HI-VISION)



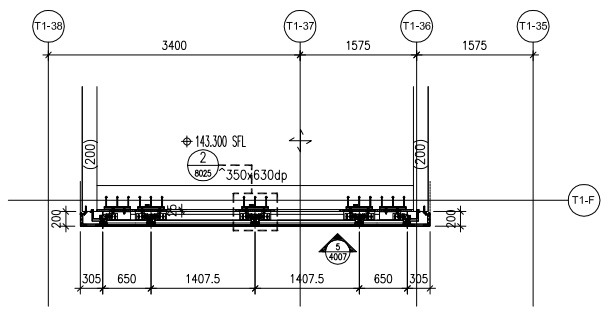
3 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW1" (LO-VISION)



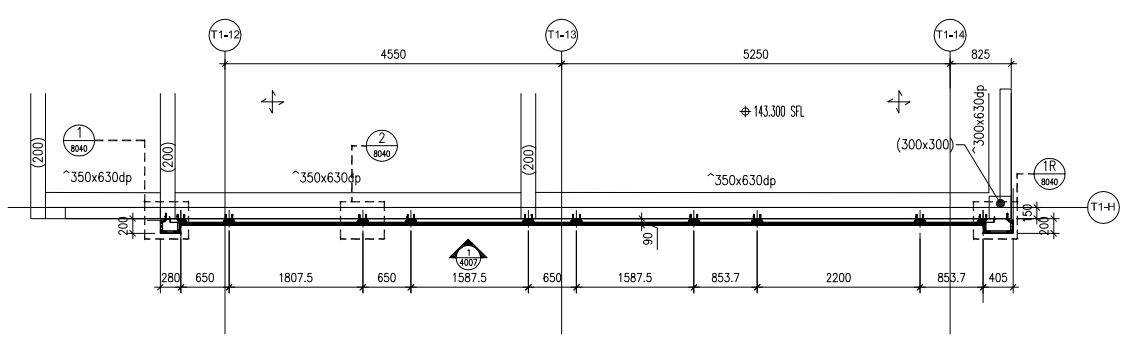
7 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW2" (LO-VISION)



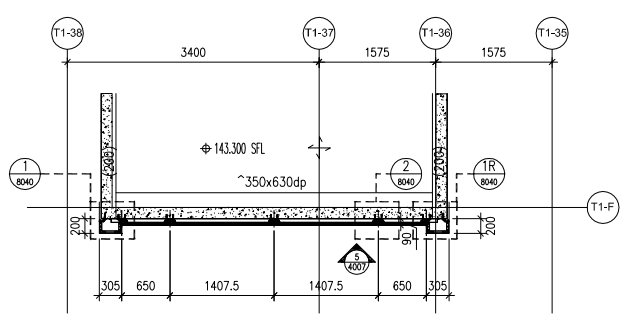
4 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW1" (SPANDREL)



8 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW2" (SPANDREL)

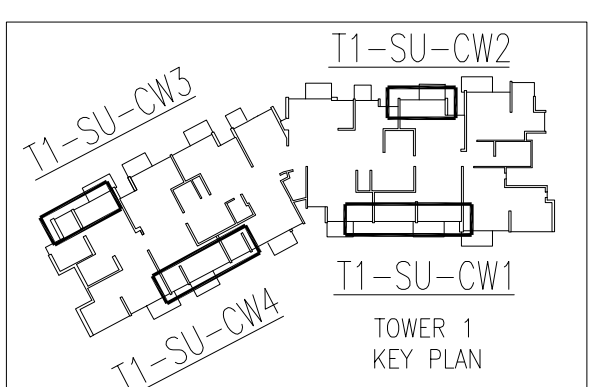


4A 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW1" (GLASS CLADDING)



8A 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW2" (GLASS CLADDING)

LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T1(SU)	1A	LIV/DIN	3.079 M²	6.827 M²	2.242 M²	1.403(CW)+3.996(SD)= 5.399 M²	T1-SU-CW1
T1(SU)	1A	BR2	0.525 M²	4.310 M²	0.328 M²	0.509 M²	T1-SU-CW1
T1(SU)	1A	BR3	0.441 M²	3.880 M²	0.276 M²	0.509 M²	T1-SU-CW1
T1(SU)	1A	BR4	0.441 M²	3.880 M²	0.276 M²	0.509 M²	T1-SU-CW1
T1(SU)	2A	BR2	0.441 M²	3.529 M²	0.276 M²	0.509 M²	T1-SU-CW2
T1(SU)	2A	BR3	0.441 M²	3.529 M²	0.276 M²	0.509 M²	T1-SU-CW2



B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

LEGEND:
G1 IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
G1 IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
G2A 12mm HEAT STRENDTHENED GLASS (SPANDREL) /W 2MM BACK PANEL
G2 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
3mm ALUM. CLADDING COLOR: UCT309119XLB-3
3mm ALUM. CLADDING COLOR: UCT542919XL-3
WIND LOAD + DEAD LOAD BRACKET
▲ : WIND LOAD (STARTER CAST-IN EMBED)
S.J.: WIND LOAD (STACK JOINT)

NO.	DATE	REVISED	BY
D	12-OCT-2023	9TH SUBMISSION	CF
C	22-AUG-2023	7TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	22-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

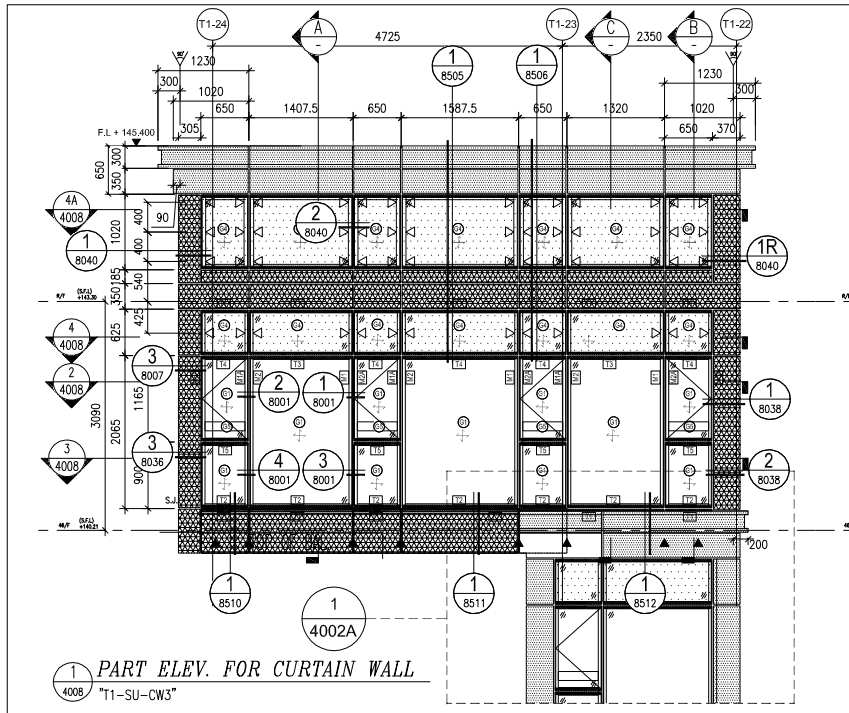
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 SU (46/F)

DATE : 31-OCT-22 | SCALE : 1:100

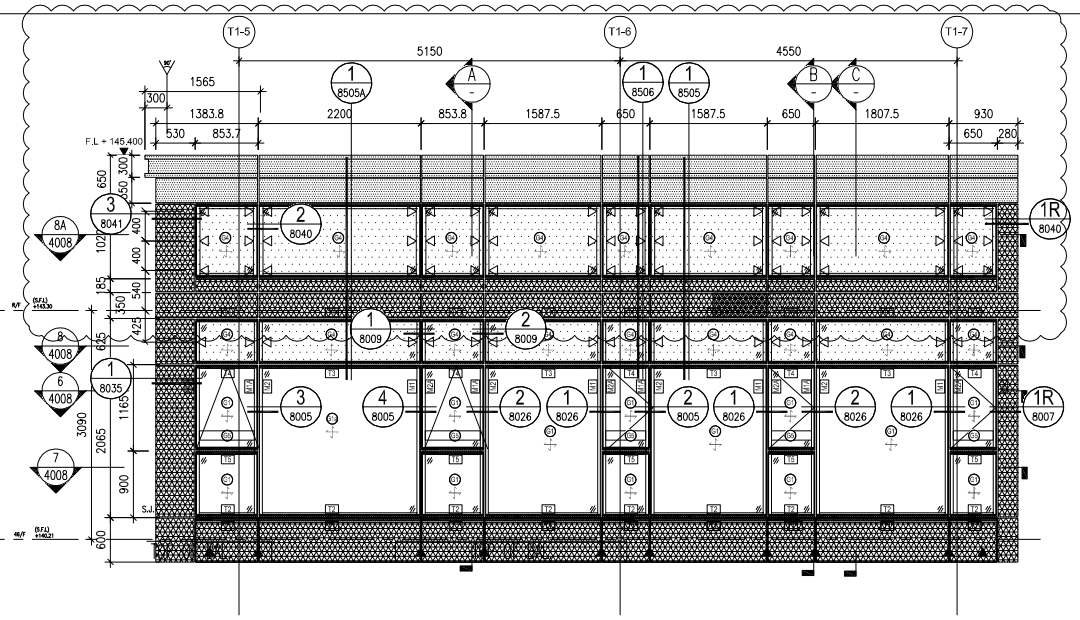
DRAWN BY : C.F | CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
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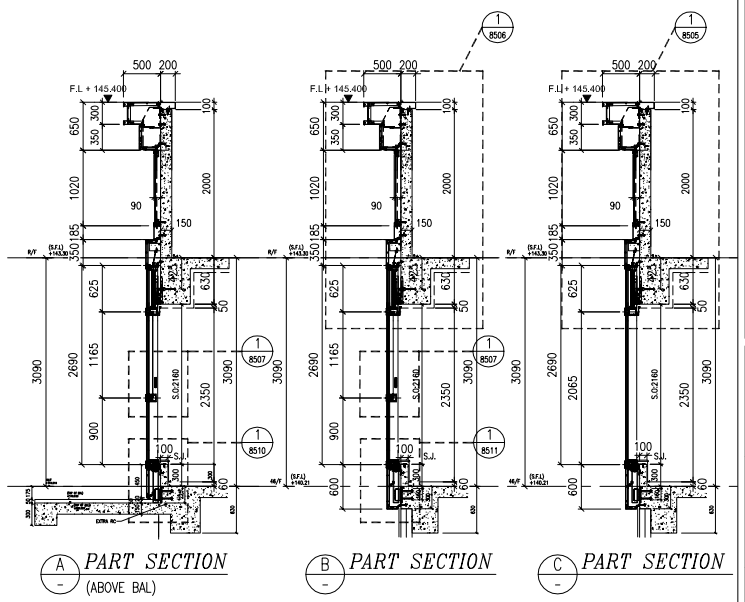
DWG NO. : J856-SD-CW-4007 | REV. : D



1 4008 *PART ELEV. FOR CURTAIN WALL*
"T1-SU-CW3"



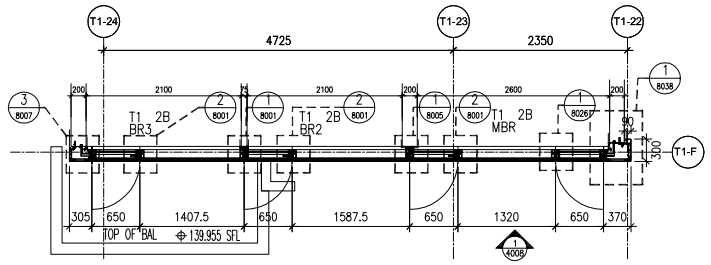
5 4008 *PART ELEV. FOR CURTAIN WALL*
"T1-SU-CW4"



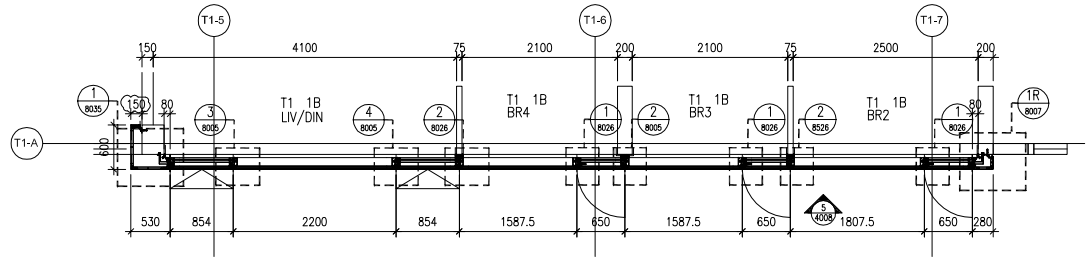
A - *PART SECTION*
(ABOVE BAL)

B - *PART SECTION*

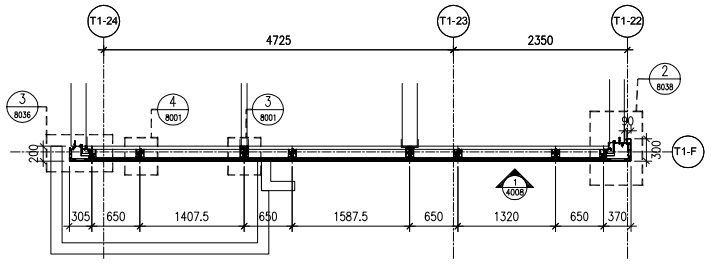
C - *PART SECTION*



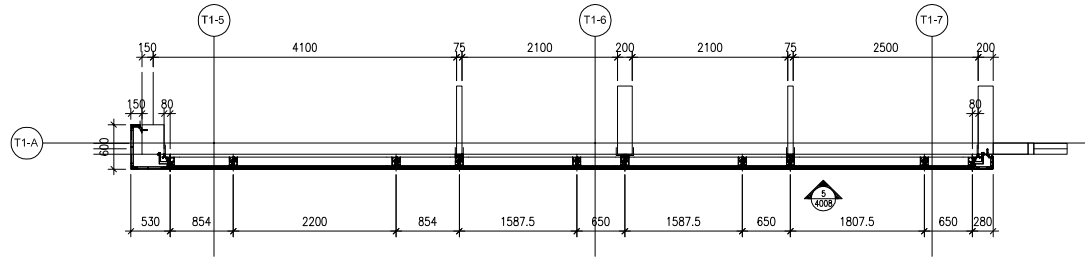
2 4008 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW3" (HI-VISION)



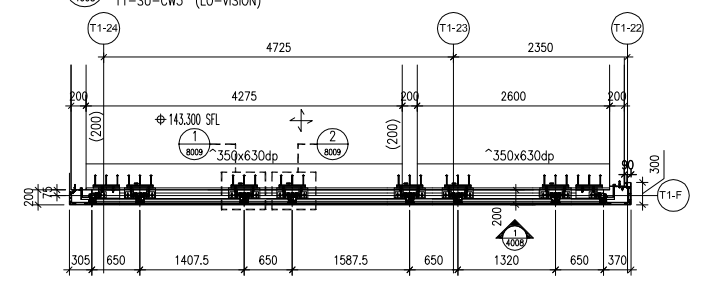
6 4008 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW4" (HI-VISION)



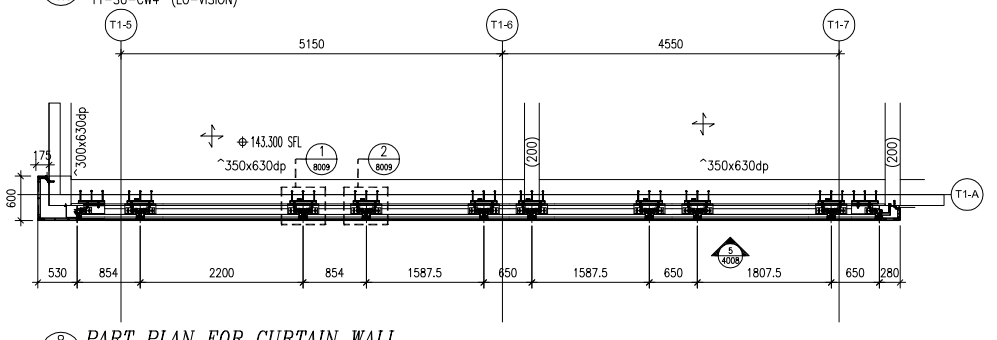
3 4008 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW3" (LO-VISION)



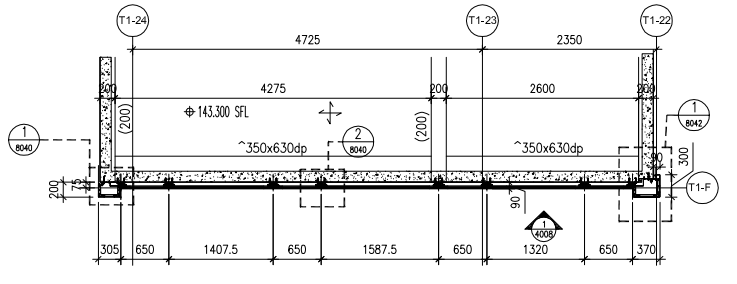
7 4008 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW4" (LO-VISION)



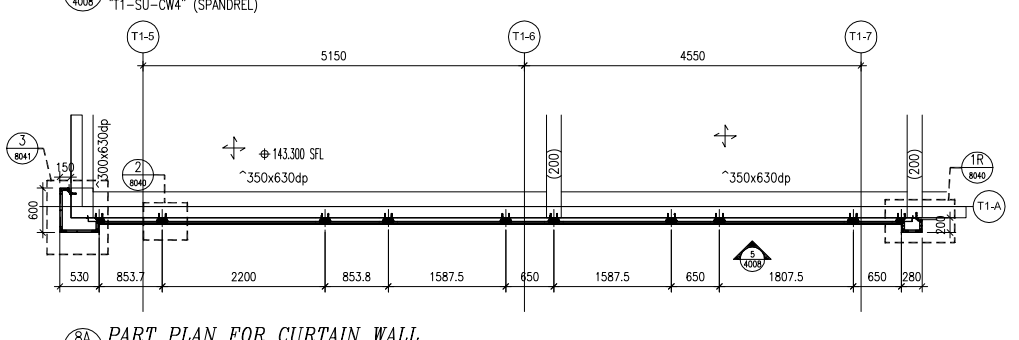
4 4008 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW3" (SPANDREL)



8 4008 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW4" (SPANDREL)

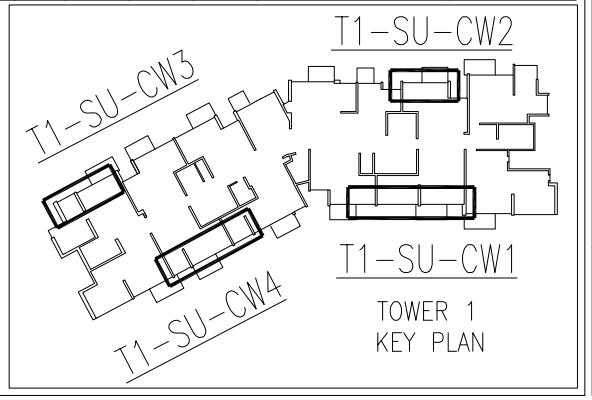


4A 4008 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW3" (GLASS CLADDING)



8A 4008 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW4" (GLASS CLADDING)

LIGHTING AND OPENABLE AREA								
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T1(SU)	2B	BR2	0.441 M²	3.881 M²	0.276 M²	0.509 M²	T1-SU-CW3
T1(SU)	2B	BR3	0.441 M²	3.530 M²	0.276 M²	0.509 M²	T1-SU-CW3
T1(SU)	2B	MBR	0.919 M²	4.358 M²	0.892 M²	1.018 M²	T1-SU-CW3
T1(SU)	1B	LIV/DIN	2.534 M²	6.828 M²	2.213 M²	1.403(CW)+2.236(SD) =3.639M²	T1-SU-CW4
T1(SU)	1B	BR2	0.525 M²	4.309 M²	0.328 M²	0.509 M²	T1-SU-CW4
T1(SU)	1B	BR3	0.441 M²	3.880 M²	0.276 M²	0.509 M²	T1-SU-CW4
T1(SU)	1B	BR4	0.441 M²	3.880 M²	0.276 M²	0.509 M²	T1-SU-CW4



B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

LEGEND:
G1 — IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
G19 — IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
G34 — 12mm HEAT STRENDTHENED GLASS (SPANDREL) /W 2MM BACK PANEL
G35 — 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
3mm ALUM. CLADDING COLOR: UCT309119XLB-3
3mm ALUM. CLADDING COLOR: UCT542919XL-3
WIND LOAD + DEAD LOAD BRACKET
▲ : WIND LOAD (STARTER CAST-IN EMBED)
S.J.: WIND LOAD (STACK JOINT)

NO.	DATE	REVISED	BY
D	12-OCT-2023	9TH SUBMISSION	CF
C	22-AUG-2023	7TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	22-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

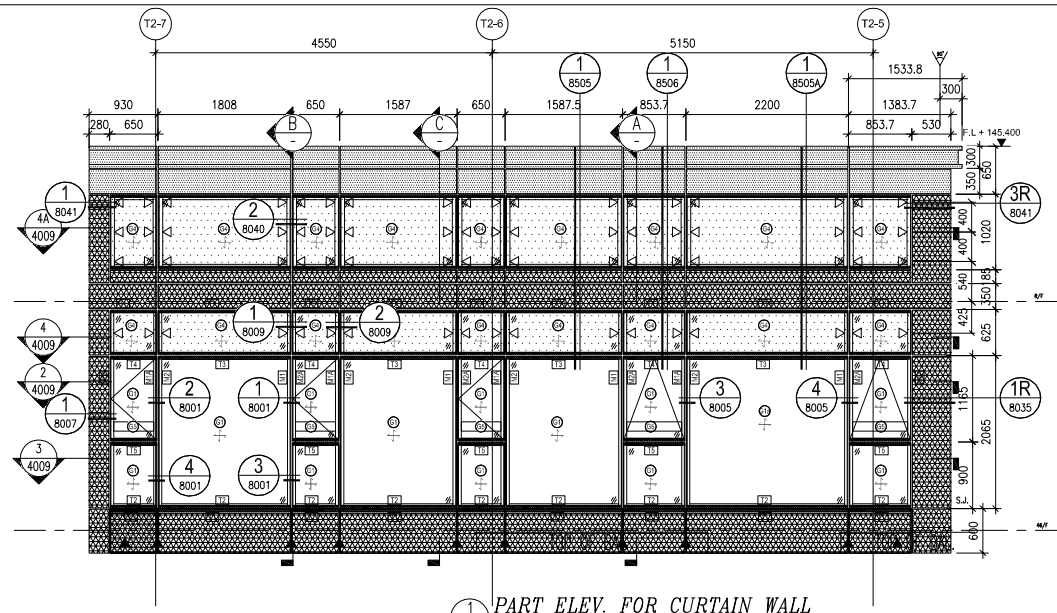
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 SU (46/F)

DATE : 31-OCT-22 | SCALE : 1:100

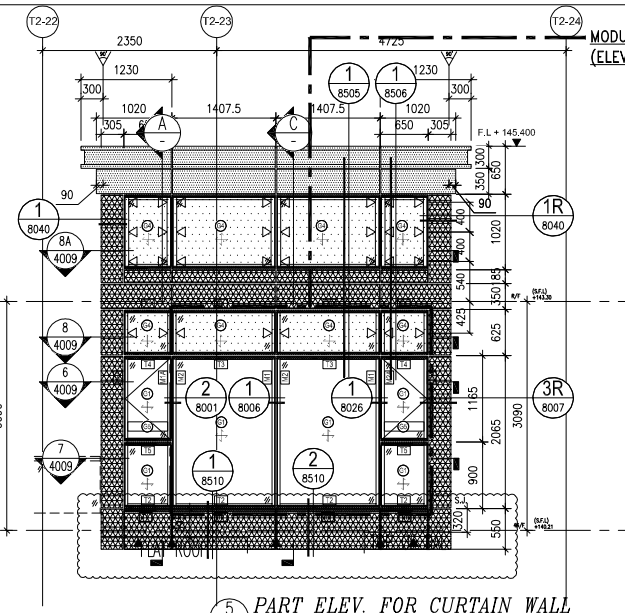
DRAWN BY : C.F | CHECKED BY :

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

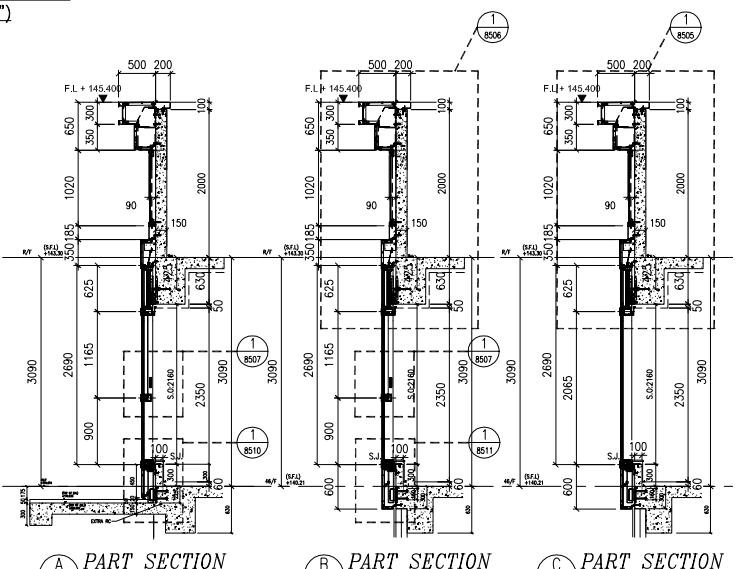
DWG NO. : J856-SD-CW-4008 | REV. : D



1 4009 *PART ELEV. FOR CURTAIN WALL*
"T2-SU-CW1"



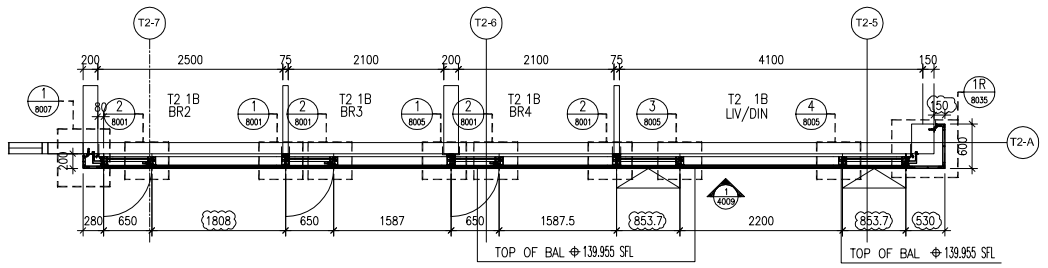
5 4009 *PART ELEV. FOR CURTAIN WALL*
"T2-SU-CW2"



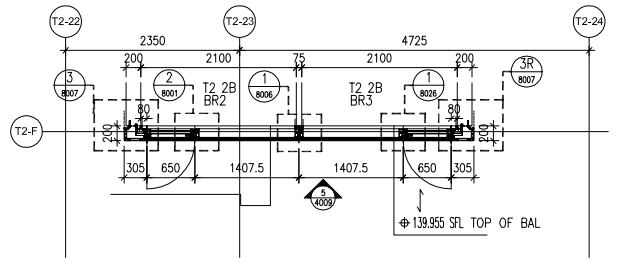
A – *PART SECTION*
(ABOVE BAL)

B – *PART SECTION*

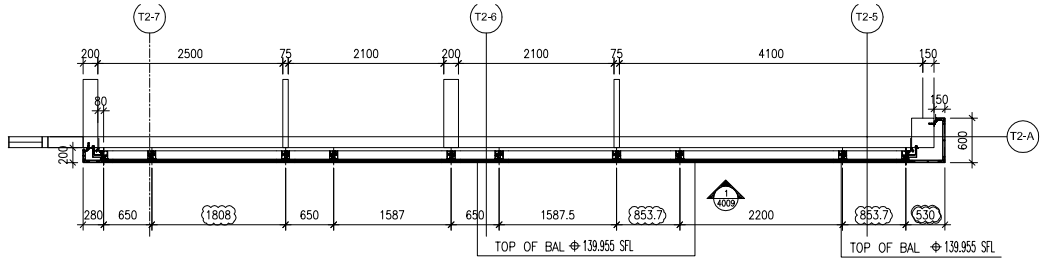
C – *PART SECTION*



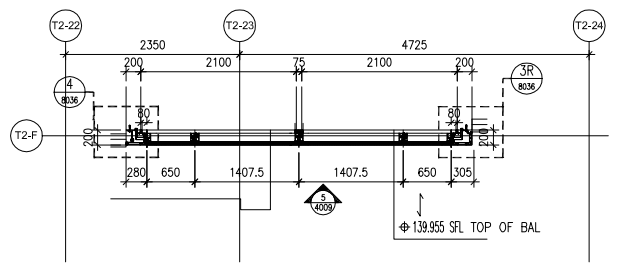
2 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW1" (HI-VISION)



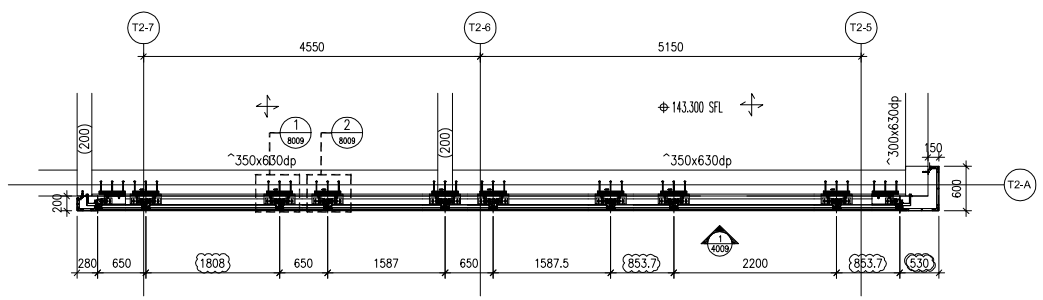
6 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW2" (HI-VISION)



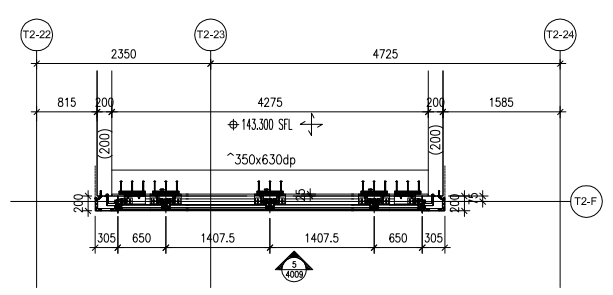
3 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW1" (LO-VISION)



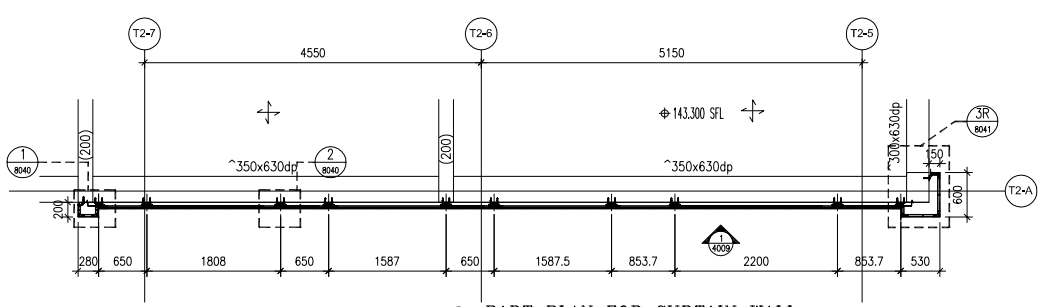
7 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW2" (LO-VISION)



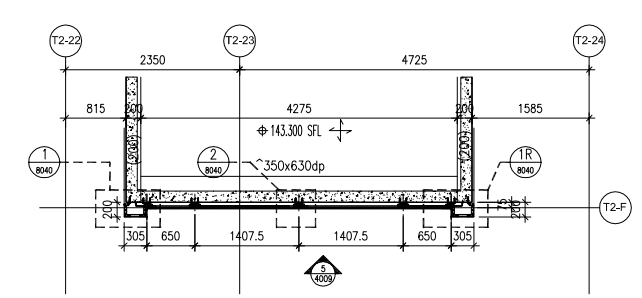
4 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW1" (SPANDREL)



8 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW2" (SPANDREL)



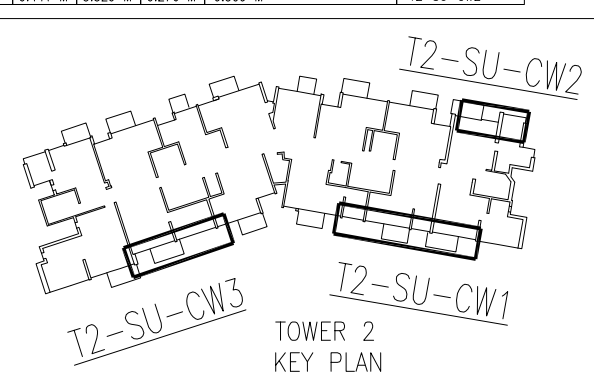
4A 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW1" (GLASS CLADDING)



8A 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW2" (GLASS CLADDING)

0.441 M²

LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T2(SU)	1B	LIV/DIN	3.033 M²	6.828 M²	2.213 M²	1.403(CW)+2.405(SD)=3.808M²	T2-SU-CW1
T2(SU)	1B	BR2	0.525 M²	4.310 M²	0.328 M²	0.509 M²	T2-SU-CW1
T2(SU)	1B	BR3	0.441 M²	3.880 M²	0.276 M²	0.509 M²	T2-SU-CW1
T2(SU)	1B	BR4	0.441 M²	3.880 M²	0.276 M²	0.509 M²	T2-SU-CW1
T2(SU)	2B	BR2	0.441 M²	3.529 M²	0.276 M²	0.509 M²	T2-SU-CW2
T2(SU)	2B	BR3	0.441 M²	3.529 M²	0.276 M²	0.509 M²	T2-SU-CW2



B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

LEGEND:
G1 IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
G1a IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
G4 12mm HEAT STRENDTHENED GLASS (SPANDREL) /W 2MM BACK PANEL
G5 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
3mm ALUM. CLADDING COLOR: UCT309119XLB-3
3mm ALUM. CLADDING COLOR: UCT542919XL-3
WIND LOAD + DEAD LOAD BRACKET
▲ : WIND LOAD (STARTER CAST-IN EMBED)
S.J.: WIND LOAD (STACK JOINT)

NO.	DATE	REVISED	BY
D	12-OCT-2023	9TH SUBMISSION	CF
C	22-AUG-2023	7TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	22-DEC-2022	2ND SUBMISSION	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 :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 SU (46/F)

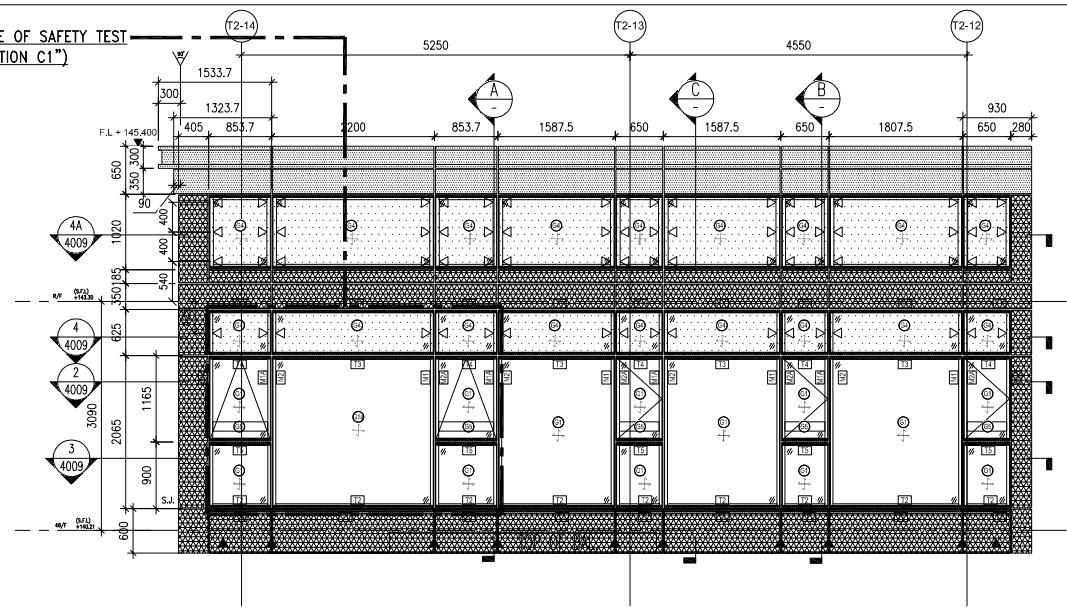
DATE : 31-OCT-22 | SCALE : 1:100

DRAWN BY : C.F | CHECKED BY :

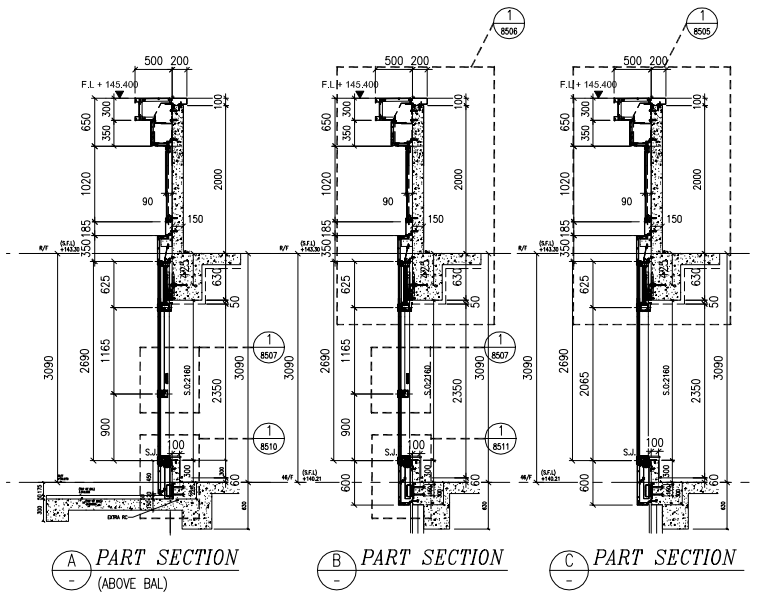
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-4009 | REV. : D

MODULE OF SAFETY TEST
(ELEVATION C1")



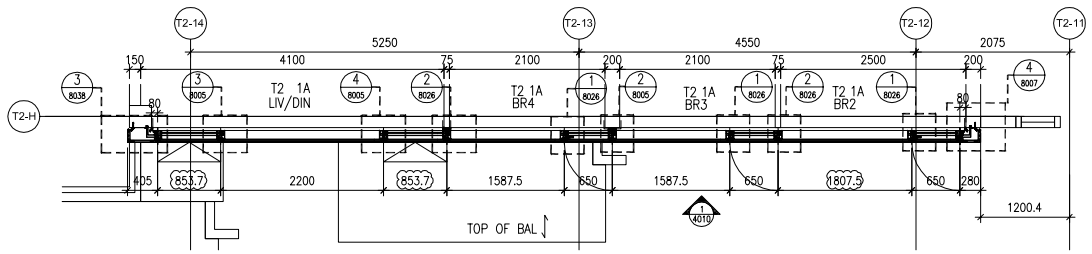
1 4010 *PART ELEV. FOR CURTAIN WALL*
"T2-SU-CW3"



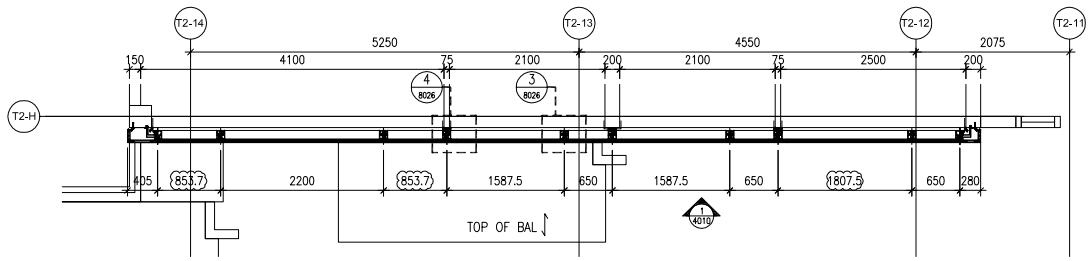
A – *PART SECTION* (ABOVE BAL)

B – *PART SECTION*

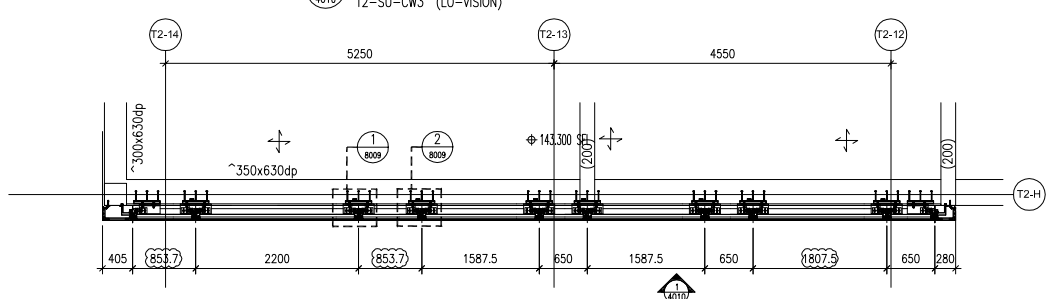
C – *PART SECTION*



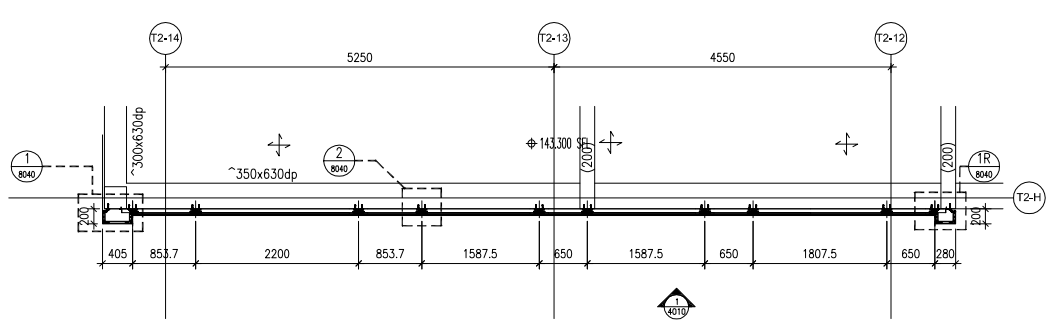
2 4010 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW3" (HI-VISION)



3 4010 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW3" (LO-VISION)

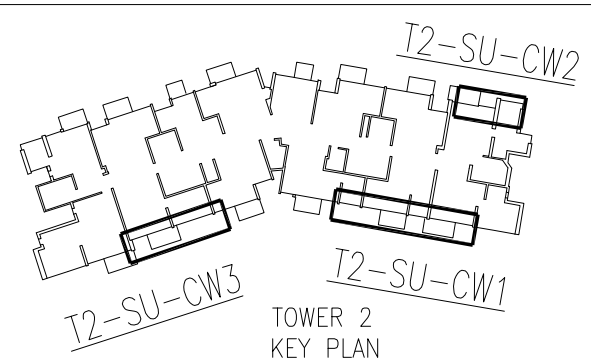


4 4010 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW3" (SPANDREL)



4A 4010 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW3" (GLASS CLADDING)

LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T2(SU)	1A	LIV/DIN	3.079 M²	6.828 M²	2.242 M²	1.403(CW)+1.924(SD)=3.327M²	T2-SU-CW3
T2(SU)	1A	BR2	0.525 M²	4.309 M²	0.328 M²	0.509 M²	T2-SU-CW3
T2(SU)	1A	BR3	0.441 M²	3.880 M²	0.276 M²	0.509 M²	T2-SU-CW3
T2(SU)	1A	BR4	0.441 M²	3.880 M²	0.276 M²	0.509 M²	T2-SU-CW3



TOWER 2
KEY PLAN

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

LEGEND:
G1 IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
G13 IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
G14 12mm HEAT STRENDTHENED GLASS (SPANDREL) /W 2MM BACK PANEL
G15 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
3mm ALUM. CLADDING COLOR: UCT309119XLB-3
3mm ALUM. CLADDING COLOR: UCT542919XL-3
WIND LOAD + DEAD LOAD BRACKET
▲ : WIND LOAD (STARTER CAST-IN EMBED)
S.J.: WIND LOAD (STACK JOINT)

NO.	DATE	REVISED	BY
D	12-OCT-2023	9TH SUBMISSION	CF
C	22-AUG-2023	7TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	22-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

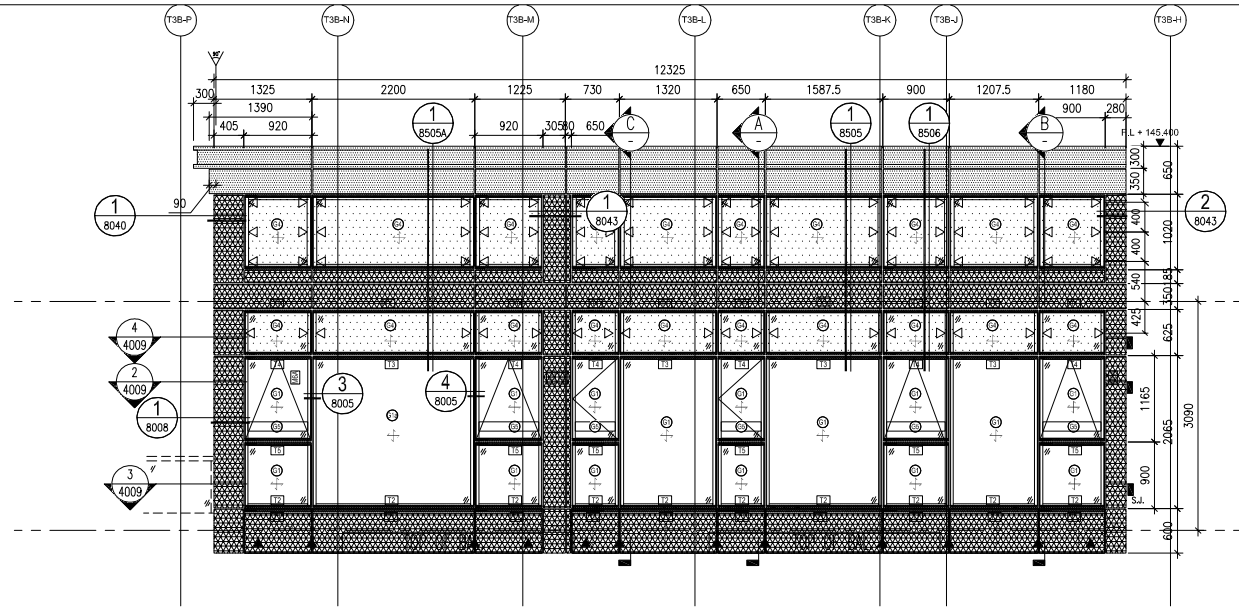
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 SU (46/F)

DATE : 31-OCT-22 | SCALE : 1:100

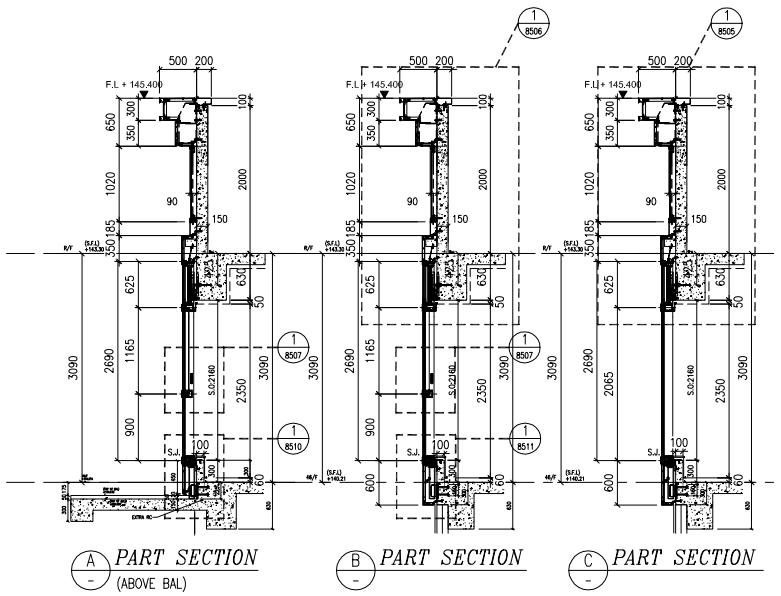
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-4010 | REV. : D



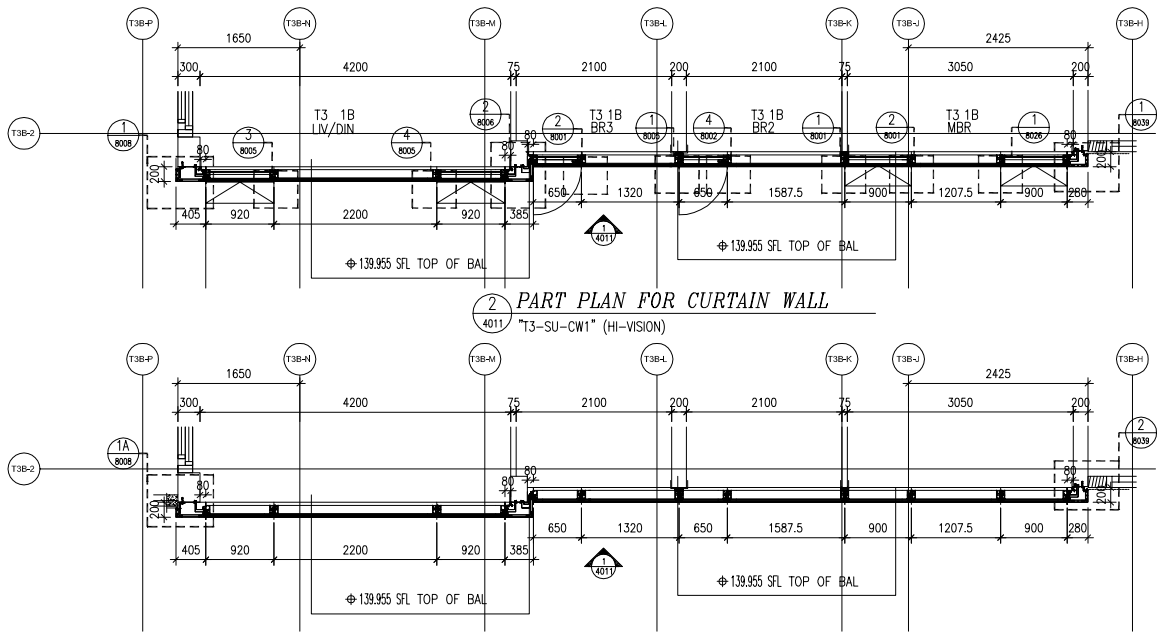
1 4011 *PART ELEV. FOR CURTAIN WALL*
"T3-SU-CW1"



A – *PART SECTION* (ABOVE BAL)

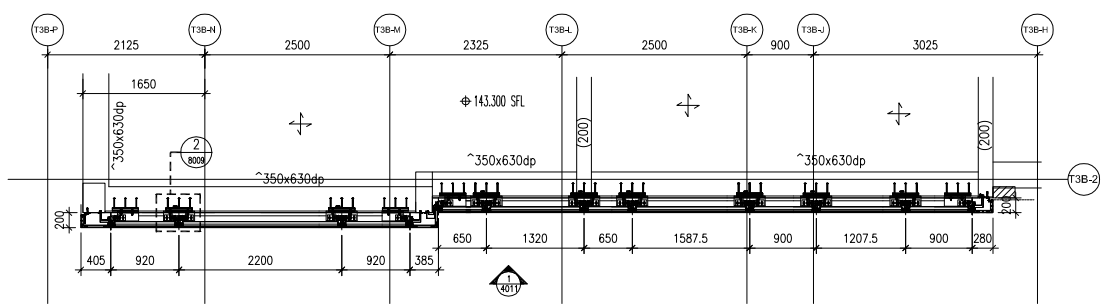
B – *PART SECTION*

C – *PART SECTION*

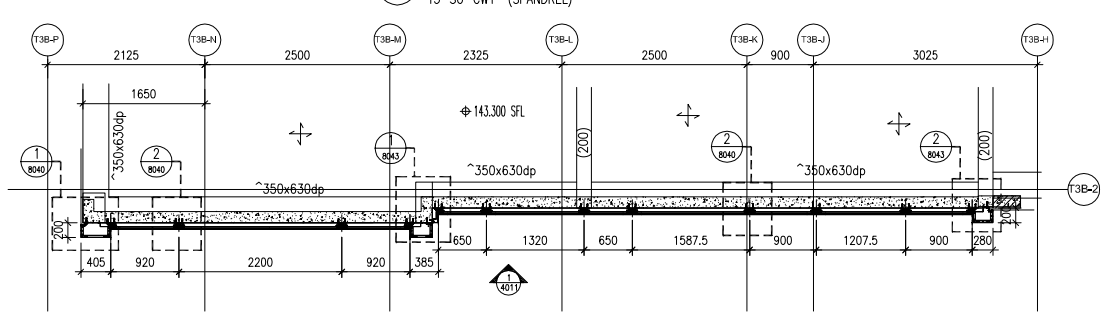


2 4011 *PART PLAN FOR CURTAIN WALL*
"T3-SU-CW1" (HI-VISION)

3 4011 *PART PLAN FOR CURTAIN WALL*
"T3-SU-CW1" (LO-VISION)

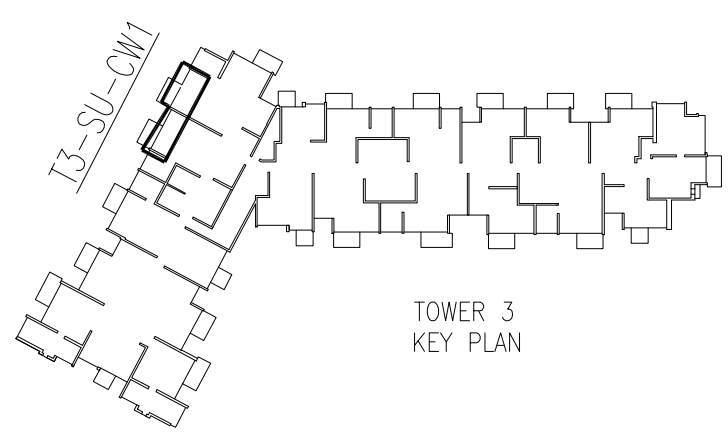


4 4011 *PART PLAN FOR CURTAIN WALL*
"T3-SU-CW1" (SPANDREL)



4A 4011 *PART PLAN FOR CURTAIN WALL*
"T3-SU-CW1" (GLASS CLADDING)

LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T3(SU)	1B	LIV/DIN	3.106 M²	7.073 M²	2.259 M²	1.528(CW)+4.934(SD)=6.462M²	T3-SU-CW1
T3(SU)	1B	BR2	0.441 M²	3.880 M²	0.276 M²	0.509 M²	T3-SU-CW1
T3(SU)	1B	BR3	0.440 M²	3.880 M²	0.275 M²	0.509 M²	T3-SU-CW1
T3(SU)	1B	MBR	1.505 M²	5.063 M²	1.442 M²	1.490 M²	T3-SU-CW1



B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

LEGEND:
G1 IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
G1a IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
G4 12mm HEAT STRENDTHENED GLASS (SPANDREL) /W 2MM BACK PANEL
G5 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
3mm ALUM. CLADDING COLOR: UCT309119XLB-3
3mm ALUM. CLADDING COLOR: UCT542919XL-3
WIND LOAD + DEAD LOAD BRACKET
▲ : WIND LOAD (STARTER CAST-IN EMBED)
S.J.: WIND LOAD (STACK JOINT)

NO.	DATE	REVISED	BY
D	12-OCT-2023	9TH SUBMISSION	CF
C	22-AUG-2023	7TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	22-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

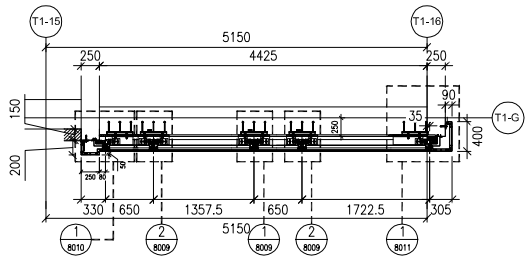
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 SU (46/F)

DATE : 31-OCT-22 | SCALE : 1:100

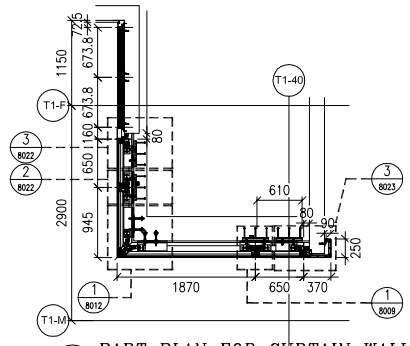
DRAWN BY : C.F | CHECKED BY :

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

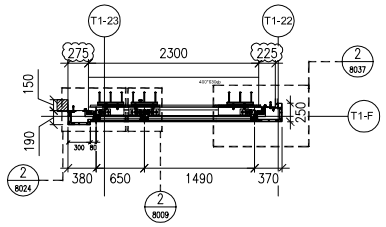
DWG NO. : J856-SD-CW-4011 | REV. : D



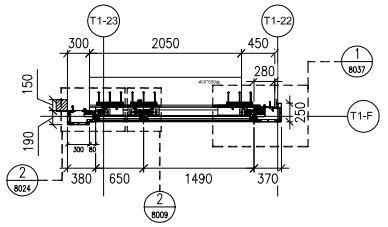
1 5001 *PART PLAN FOR CURTAIN WALL*
"TCW-PE101-1" (GLASS SPANDREL)



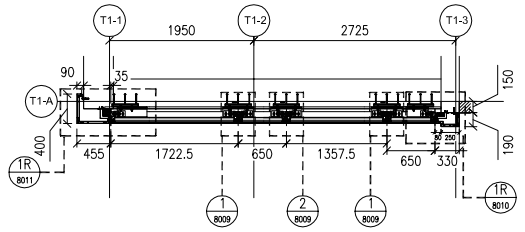
6 5001 *PART PLAN FOR CURTAIN WALL*
"TCW-PE101-2" (GLASS SPANDREL)



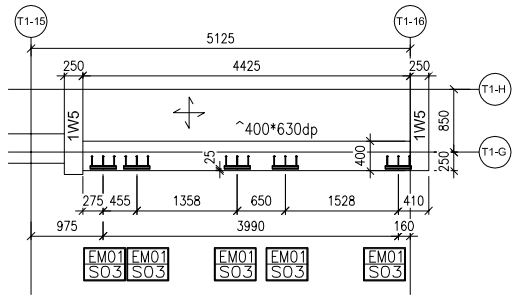
11 5001 *PART PLAN FOR CURTAIN WALL*
"TCW-PE102-1" (GLASS SPANDREL) HIGH 15/F - 45/F



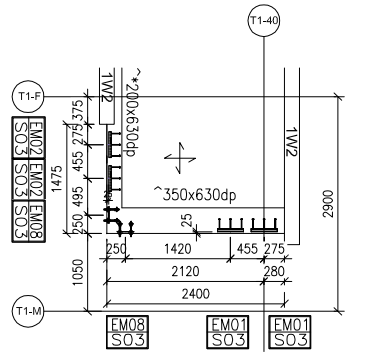
11A 5001 *PART PLAN FOR CURTAIN WALL*
"TCW-PE102-1" (GLASS SPANDREL) LO 5/F -12/F



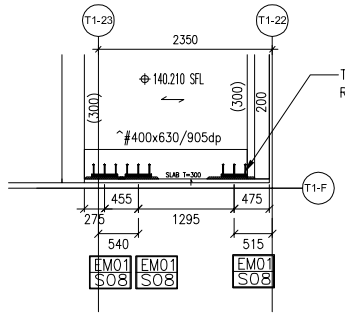
16 5001 *PART PLAN FOR CURTAIN WALL*
"TCW-PE102-2" (GLASS SPANDREL)



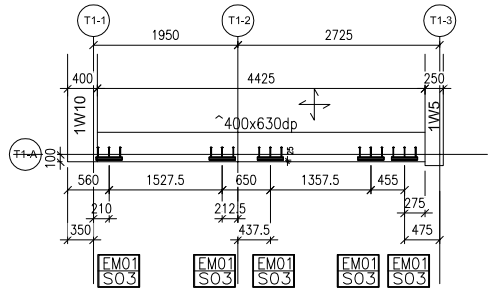
3 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-1" (TOP FIXING)



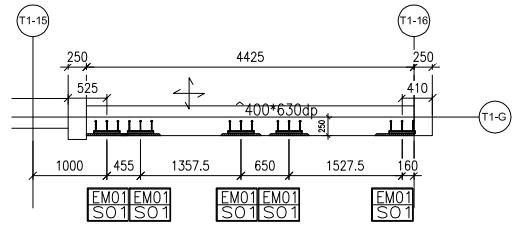
8 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-2" (TOP FIXING)



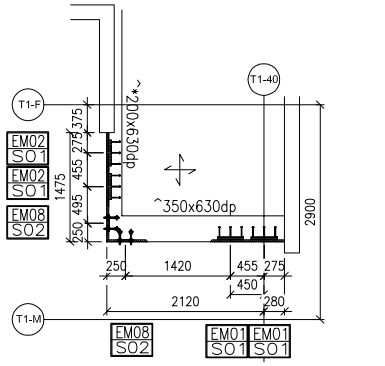
13 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-1" (TOP FIXING)



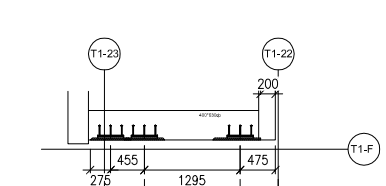
18 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-2" (TOP FIXING)



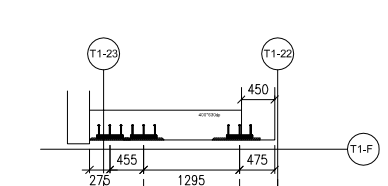
4 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-1" (TYPICAL FIXING)



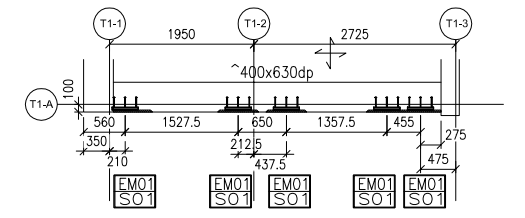
9 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-2" (TYPICAL FIXING)



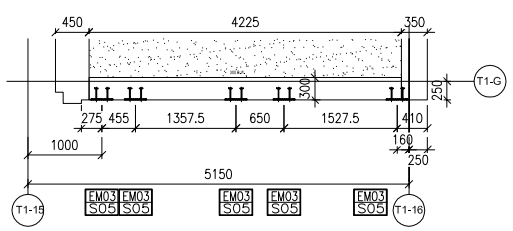
14 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-1" (TYPICAL FIXING)



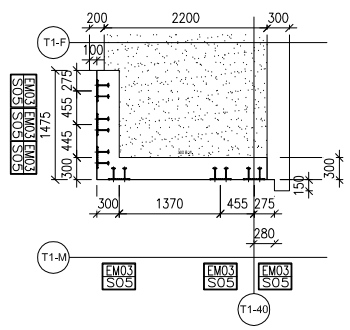
14A 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-1" (TYPICAL FIXING)



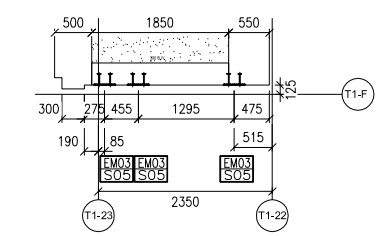
19 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-2" (TYPICAL FIXING)



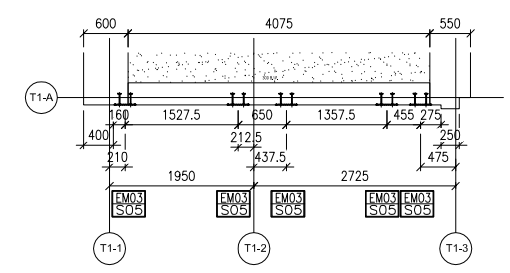
5 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-1" (STARTER)



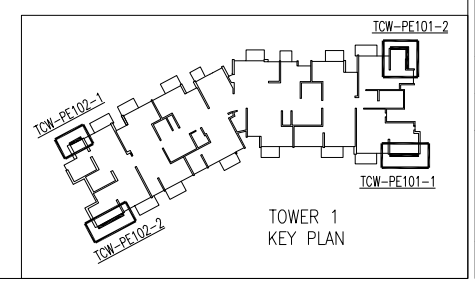
10 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-2" (STARTER)



15 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-1" (STARTER)



20 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-2" (STARTER)



TOWER 1
KEY PLAN

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

NO.	DATE	REVISED	BY
E	25-AUG-2023	7TH SUBMISSION	CF
D	20-APR-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3TH SUBMISSION	CF
A	22-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

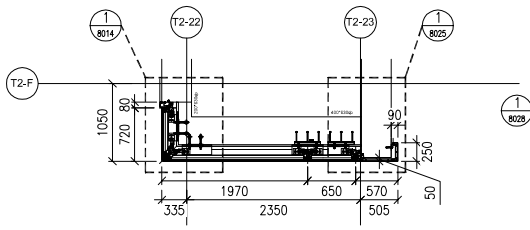
TITLE :
PART PLAN
FOR CURTAIN WALL
@ TOWER 1 (TYPICAL)

DATE : 31-OCT-22 | SCALE : 1:100

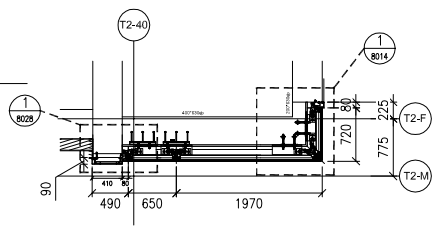
DRAWN BY : C.F | CHECKED BY :

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

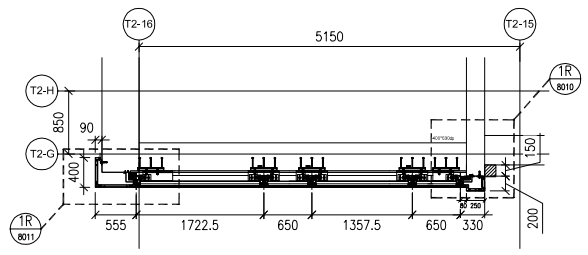
DWG NO. : J856-SD-CW-5001 | REV. : E



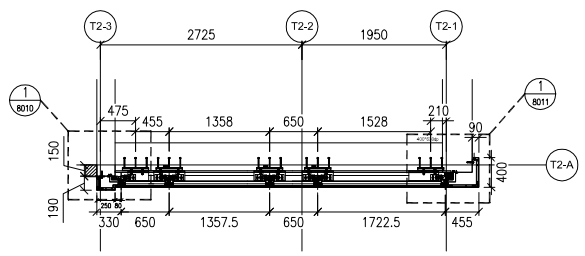
1 5002 *PART PLAN FOR CURTAIN WALL*
"TCW-PE201-1" (GLASS SPANDREL)



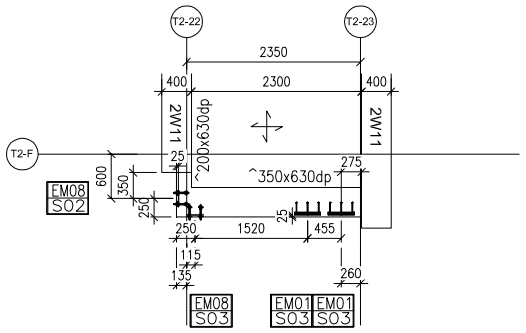
6 5002 *PART PLAN FOR CURTAIN WALL*
"TCW-PE201-2" (GLASS SPANDREL)



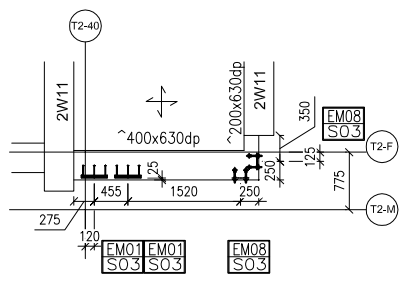
11 5002 *PART PLAN FOR CURTAIN WALL*
"TCW-PE202-1" (GLASS SPANDREL)



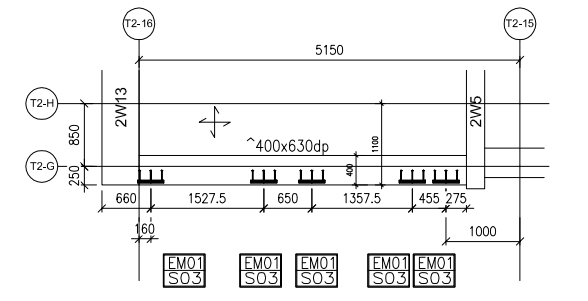
16 5002 *PART PLAN FOR CURTAIN WALL*
"TCW-PE202-2" (GLASS SPANDREL)



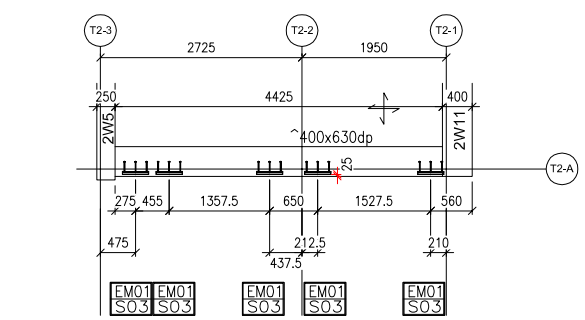
3 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-1" (TOP FIXING)



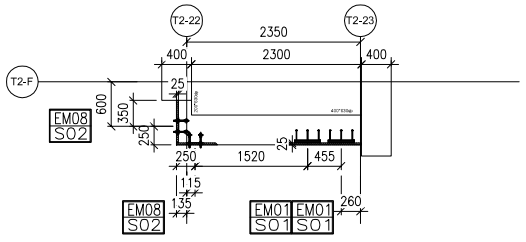
8 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-2" (TOP FIXING)



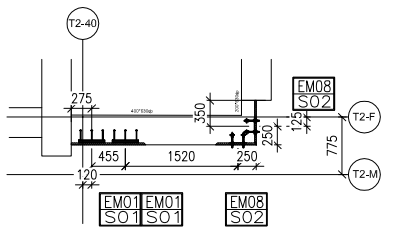
13 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE202-1" (TOP FIXING)



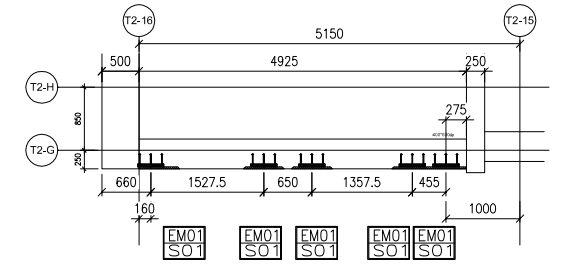
18 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE202-2" (TOP FIXING)



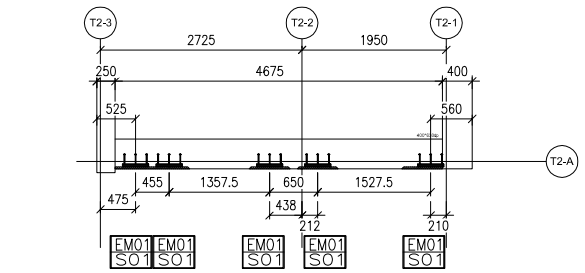
4 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-1" (TYPICAL FIXING)



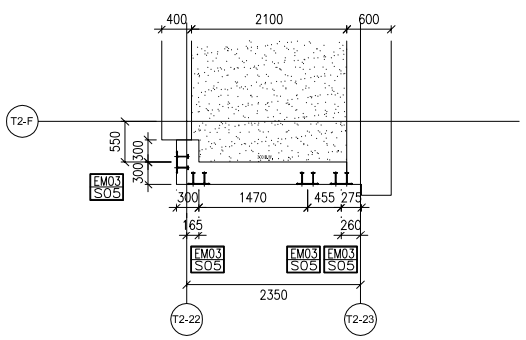
9 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-2" (TYPICAL FIXING)



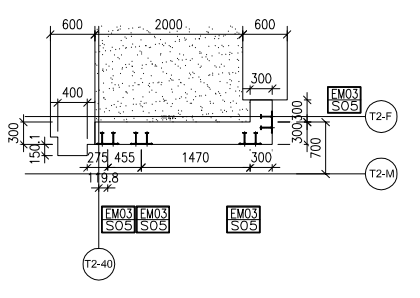
14 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE202-1" (TYPICAL FIXING)



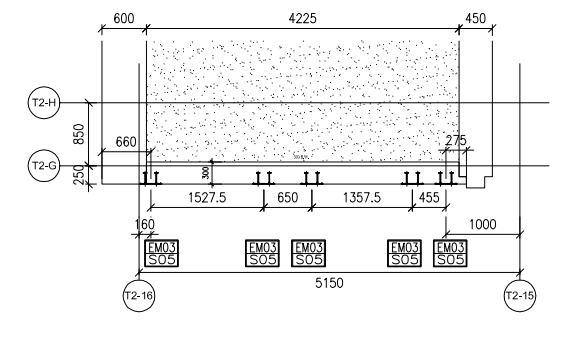
19 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE202-2" (TYPICAL FIXING)



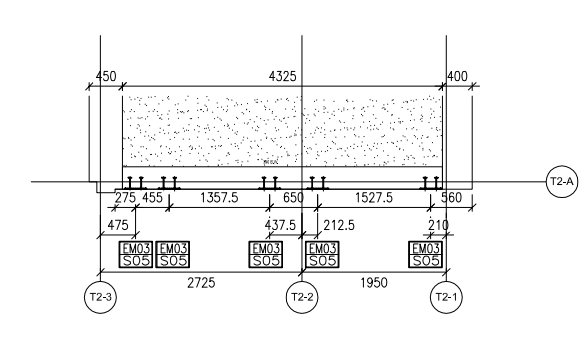
5 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-1" (STARTER)



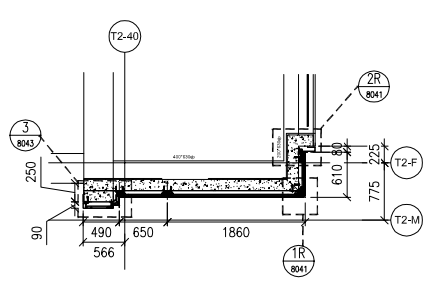
10 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-2" (STARTER)



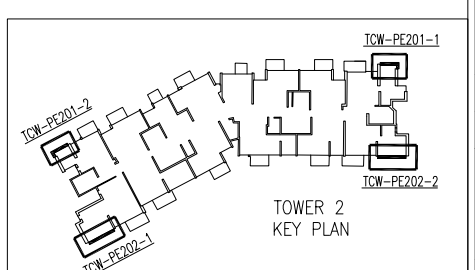
15 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE202-1" (STARTER)



20 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE202-2" (STARTER)



21 5002 *PART PLAN FOR GLASS CLADDING*
"TCW-PE201-2" (GLASS CLADDING @46/F))



B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
E	25-AUG-2023	7TH SUBMISSION	CF
D	03-MAY-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3TH SUBMISSION	CF
A	22-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

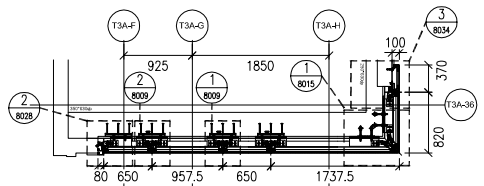
TITLE :
PART PLAN
FOR CURTAIN WALL
@ TOWER 2 (TYPICAL)

DATE : 31-OCT-22 | SCALE : 1:10

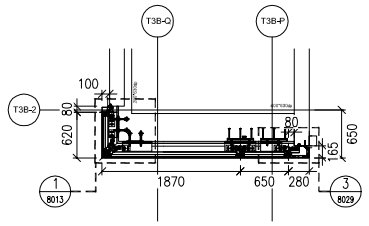
DRAWN BY : C.F | CHECKED BY :

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

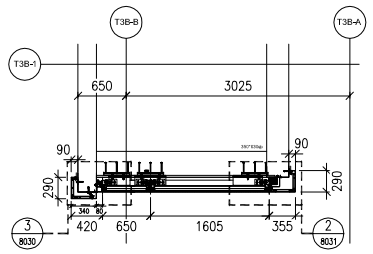
DWG NO. : J856-SD-CW-5002 | REV. : E



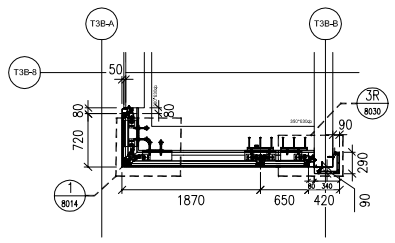
1 5003 *PART PLAN FOR CURTAIN WALL*
"TCW-PE301-1" (GLASS SPANDREL)



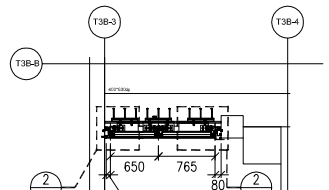
6 5003 *PART PLAN FOR CURTAIN WALL*
"TCW-PE301-2" (GLASS SPANDREL)



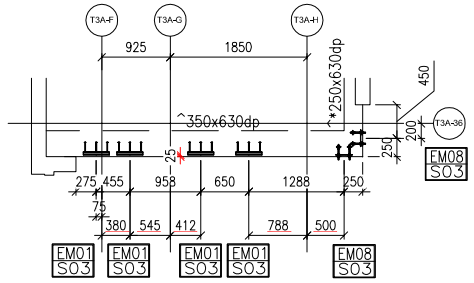
11 5003 *PART PLAN FOR CURTAIN WALL*
"TCW-PE302-1" (GLASS SPANDREL)



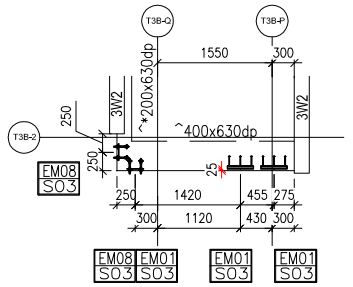
16 5003 *PART PLAN FOR CURTAIN WALL*
"TCW-PE302-2" (GLASS SPANDREL)



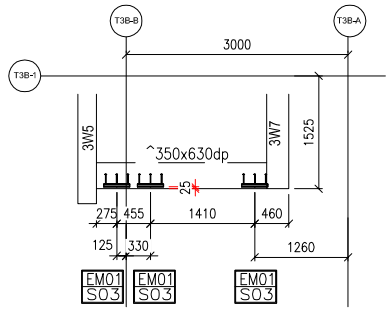
21 5003 *PART PLAN FOR CURTAIN WALL*
"TCW-PE303-1" (GLASS SPANDREL)



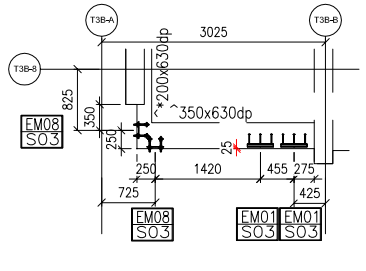
3 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE301-1" (TOP FIXING)



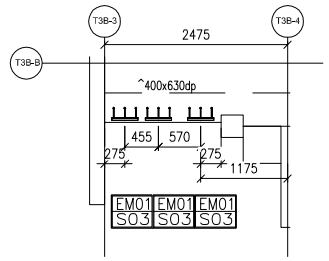
8 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE301-2" (TOP FIXING)



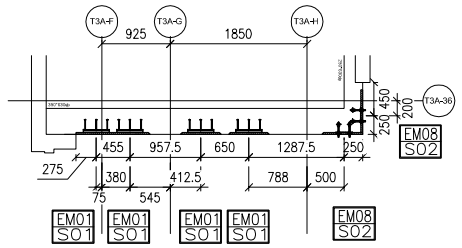
13 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE302-1" (TOP FIXING)



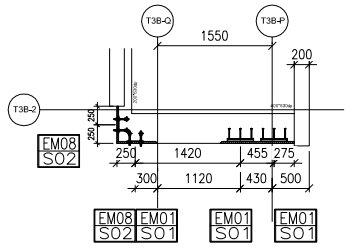
18 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE302-2" (TOP FIXING)



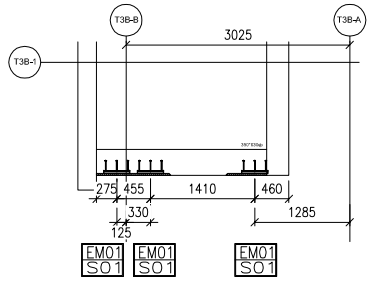
23 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE303-1" (TOP FIXING)



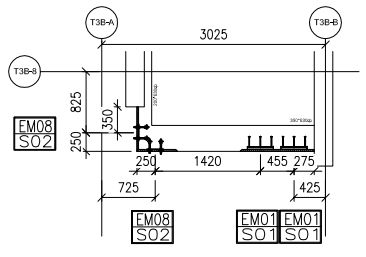
4 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE301-1" (TYPICAL FIXING)



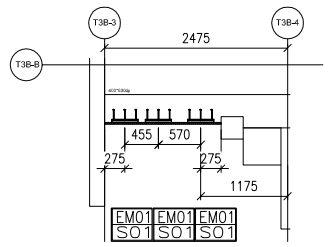
9 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE301-2" (TYPICAL FIXING)



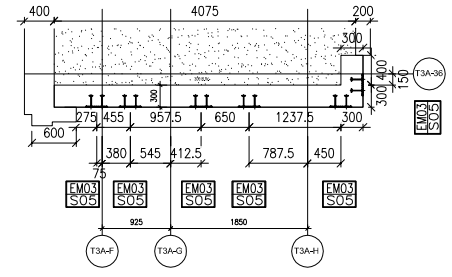
14 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE302-1" (TYPICAL FIXING)



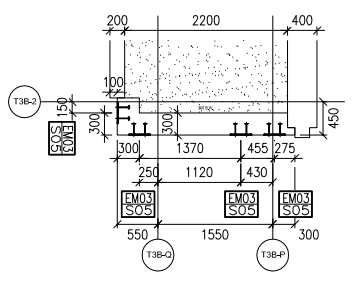
19 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE302-2" (TYPICAL FIXING)



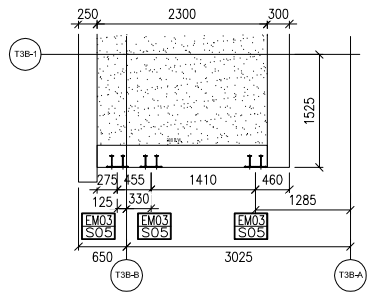
24 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE303-1" (TYPICAL FIXING)



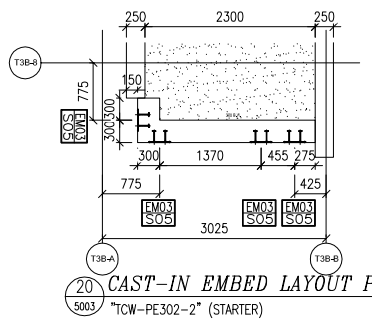
5 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE301-1" (STARTER)



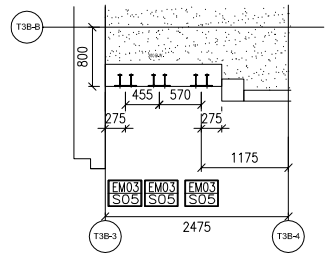
10 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE301-2" (STARTER)



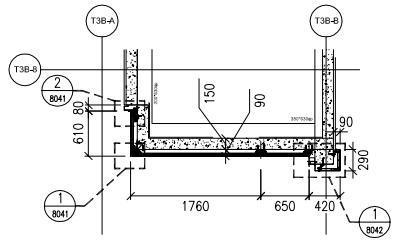
15 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE302-1" (STARTER)



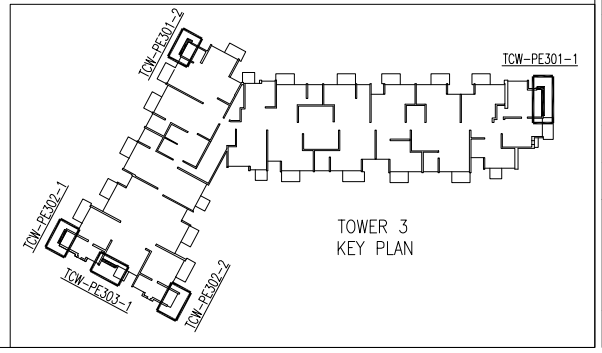
20 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE302-2" (STARTER)



25 5003 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE303-1" (STARTER)



21 5003 *PART PLAN FOR CLASS CLADDING*
"TCW-PE302-2" (GLASS CLADDING @46/F))



B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
E	25-AUG-2023	7TH SUBMISSION	CF
D	03-MAY-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3ND SUBMISSION	CF
A	22-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

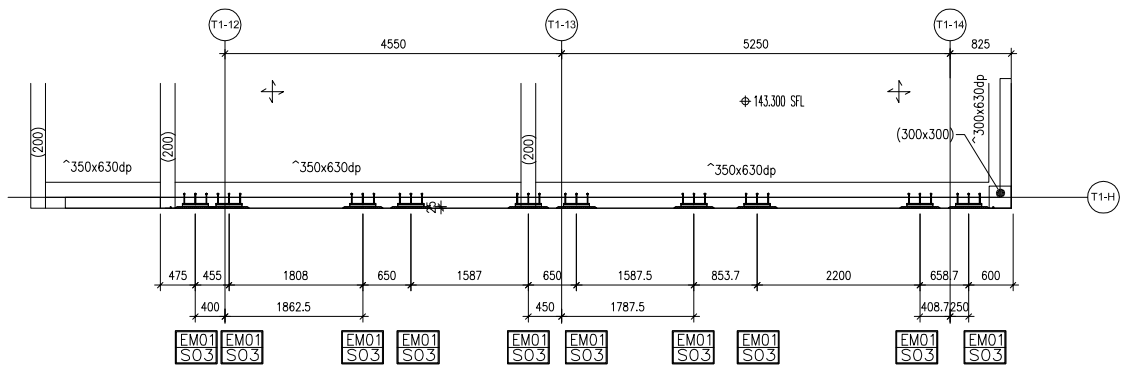
TITLE :
PART PLAN
FOR CURTAIN WALL
@ TOWER 3 (TYPICAL)

DATE : 31-OCT-22 | SCALE : 1:100

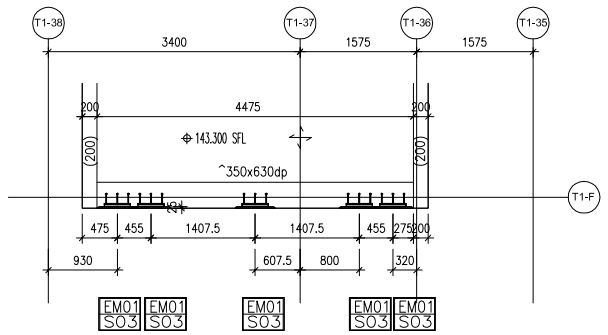
DRAWN BY : C.F | CHECKED BY :

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

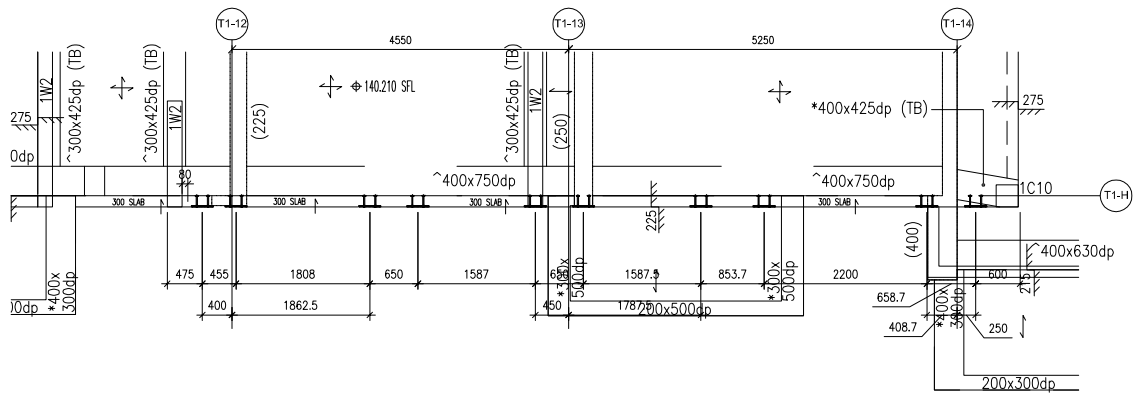
DWG NO. : J856-SD-CW-5003 | REV. : E



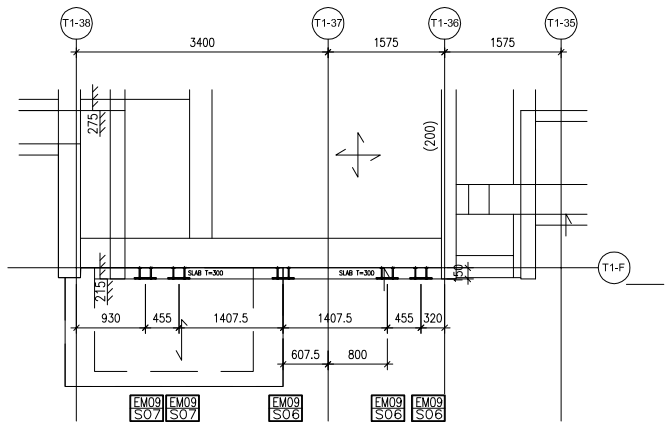
1 5004 *CAST-IN EMBED LAYOUT PLAN*
"T1-SU-CW1" (TOP FIXING) (EM01 @ +142.875)



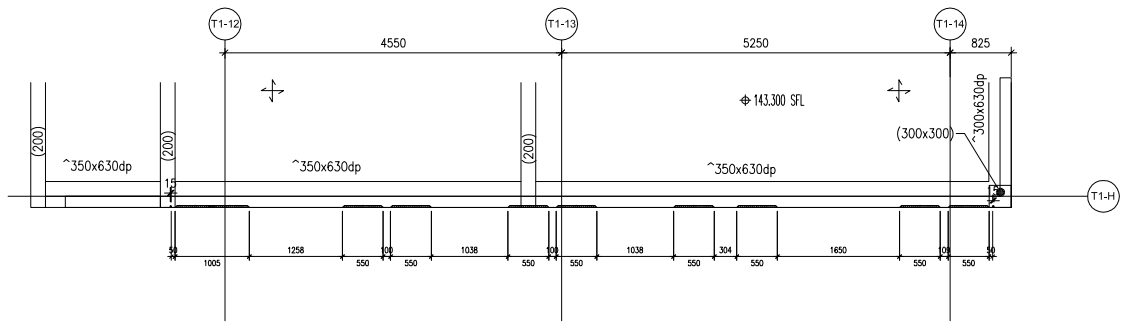
4 5004 *CAST-IN EMBED LAYOUT PLAN*
"T1-SU-CW2" (TOP FIXING) (EM01 @ +142.875)



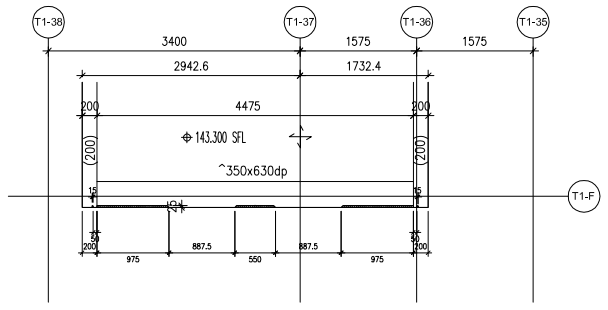
2 5004 *CAST-IN EMBED LAYOUT PLAN*
"T1-SU-CW1" (STARTER) (EM09 @ +140.0975)



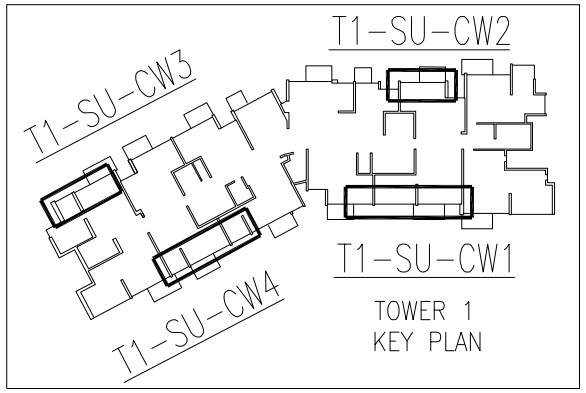
5 5004 *CAST-IN EMBED LAYOUT PLAN*
"T1-SU-CW2" (STARTER) (EM09 @ +140.0975)



3 5004 *RC RECESS LAYOUT PLAN*
"T1-SU-CW1"



6 5004 *RC RECESS LAYOUT PLAN*
"T1-SU-CW2"



B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
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LEGEND :
X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
A	22-AUG-2023	7TH SUBMISSION	CF
–	21-FEB-2023	4TH SUBMISSION	CF

JOB NO. : J-856

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

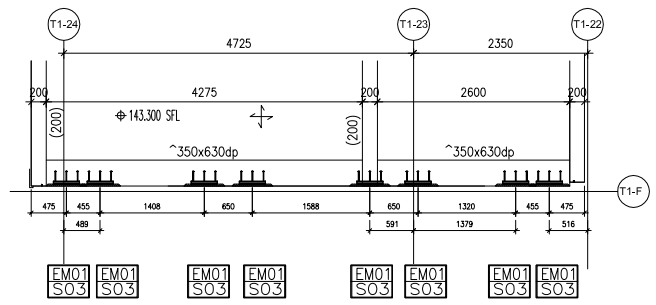
TITLE :
EMBED LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 SU (46/F)

DATE : 28-FEB-23 | SCALE : 1:100

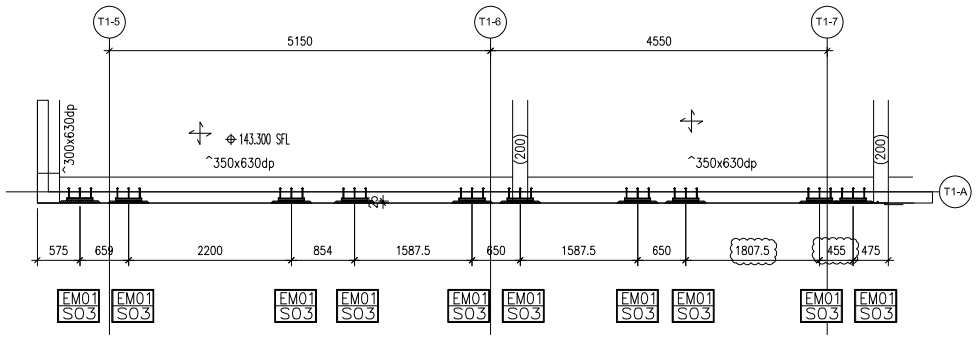
DRAWN BY : C.F | CHECKED BY :

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

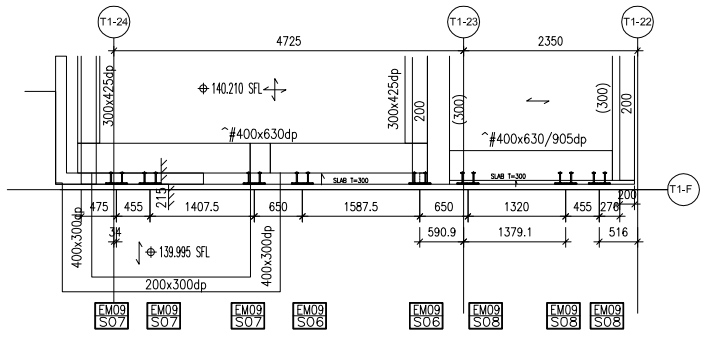
DWG NO. : J856-SD-CW-5004 | REV. : A



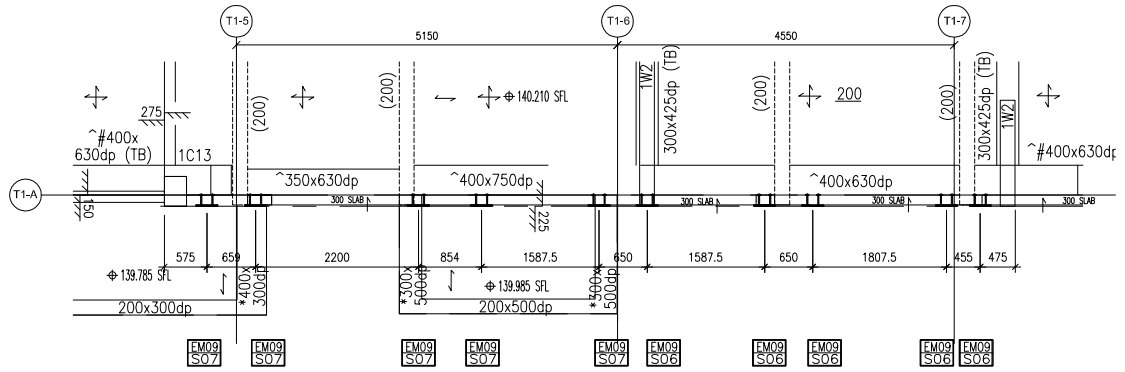
1 5005 *CAST-IN EMBED LAYOUT PLAN*
"T1-SU-CW3" (TOP FIXING) (EM01 @ +142.875)



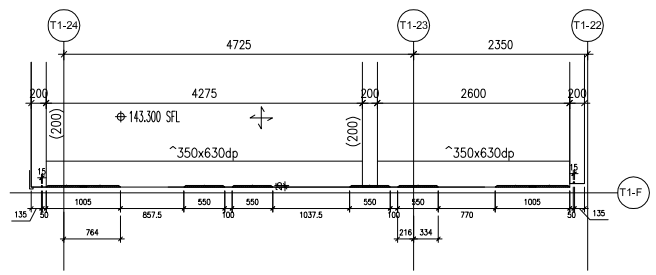
4 5005 *CAST-IN EMBED LAYOUT PLAN*
"T1-SU-CW4" (TOP FIXING) (EM01 @ +142.875)



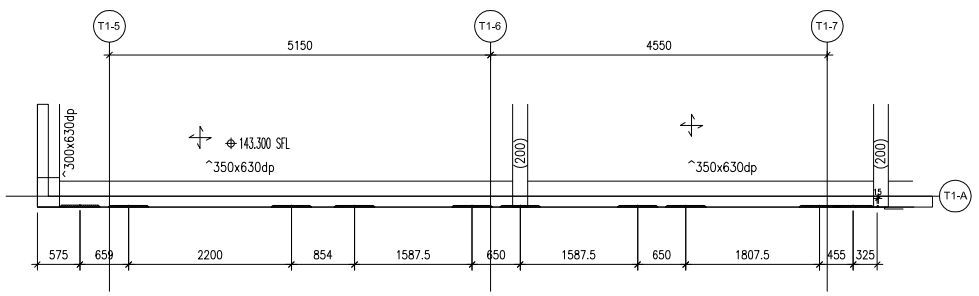
2 5005 *CAST-IN EMBED LAYOUT PLAN*
"T1-SU-CW3" (STARTER) (EM09 @ +140.0975)



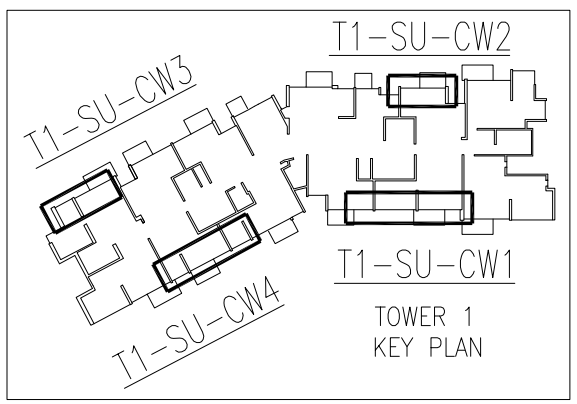
5 5005 *CAST-IN EMBED LAYOUT PLAN*
"T1-SU-CW4" (STARTER) (EM09 @ +140.0975)



3 5005 *RC RECESS LAYOUT PLAN*
"T1-SU-CW3"



6 5005 *RC RECESS LAYOUT PLAN*
"T1-SU-CW4"



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 :
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Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :
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FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
B	22-AUG-2023	7TH SUBMISSION	CF
A	10-MAY-2023	5TH SUBMISSION	CF
–	21-FEB-2023	4TH SUBMISSION	CF

JOB NO. : J-856

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

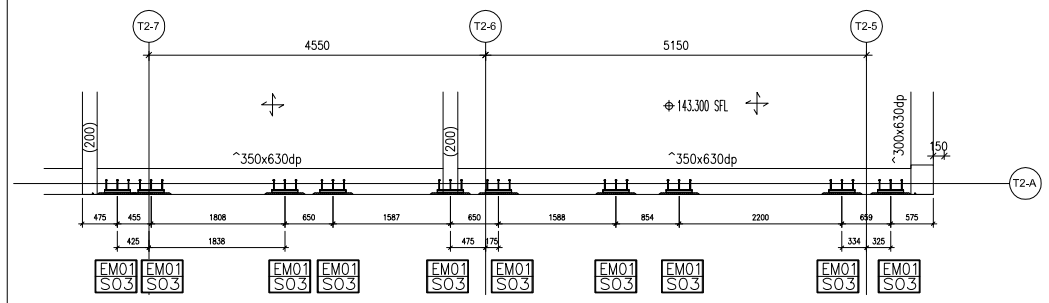
TITLE :
EMBED LAYOUT PLAN
FOR CURTAIN WALL
@ TOWER 1 SU (46/F)

DATE : 28-FEB-23 | SCALE : 1:100

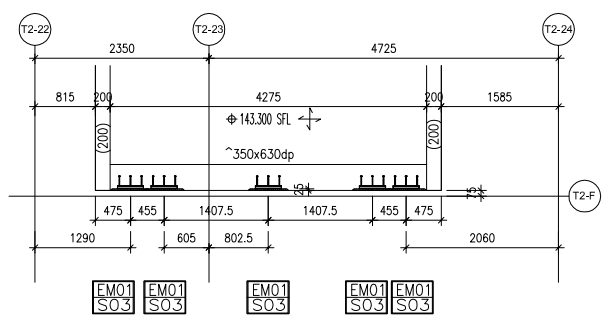
DRAWN BY : C.F | CHECKED BY :

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

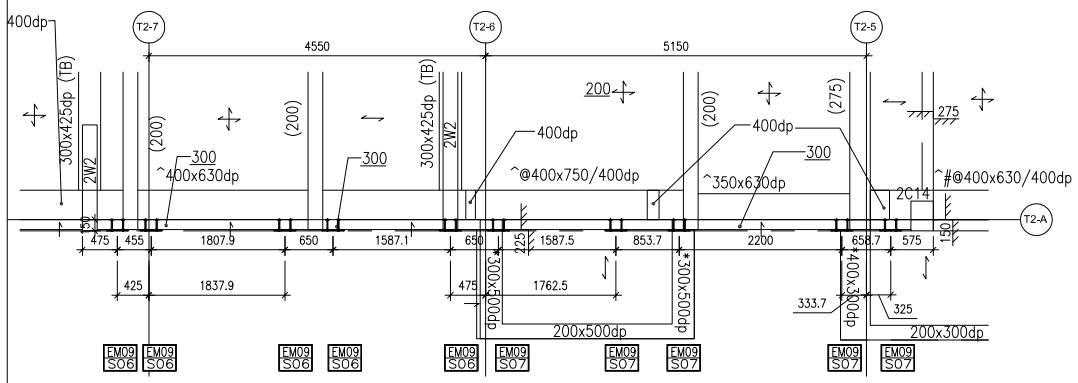
DWG NO. : J856-SD-CW-5005 | REV. : B



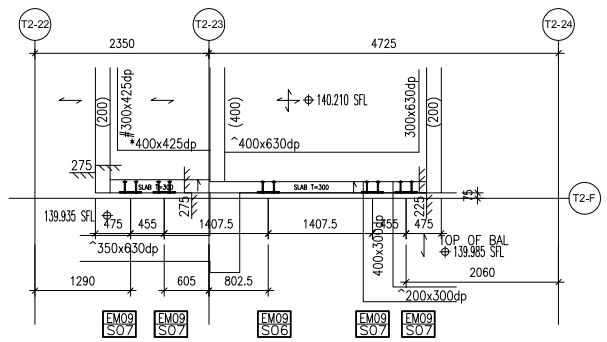
1 5006 *CAST-IN EMBED LAYOUT PLAN*
"T2-SU-CW1" (TOP FIXING) (EM01 @ +142.875)



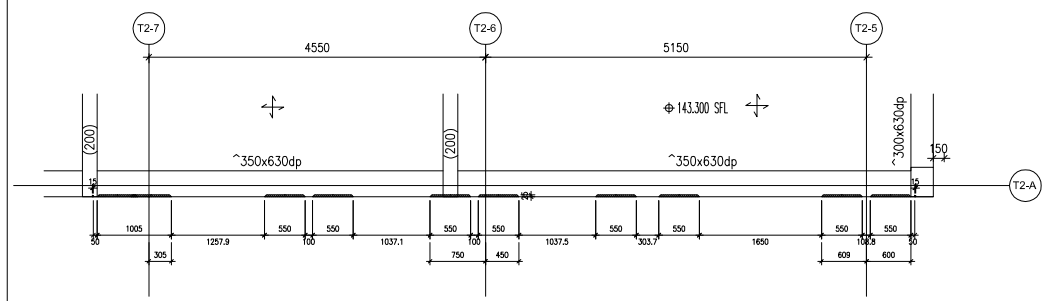
4 5006 *CAST-IN EMBED LAYOUT PLAN*
"T2-SU-CW2" (TOP FIXING) (EM01 @ +142.875)



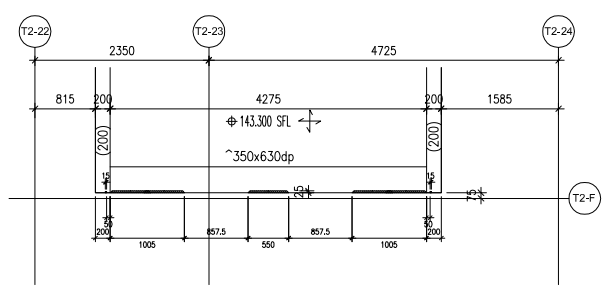
2 5006 *CAST-IN EMBED LAYOUT PLAN*
"T2-SU-CW1" (STARTER) (EM09 @ +140.0975)



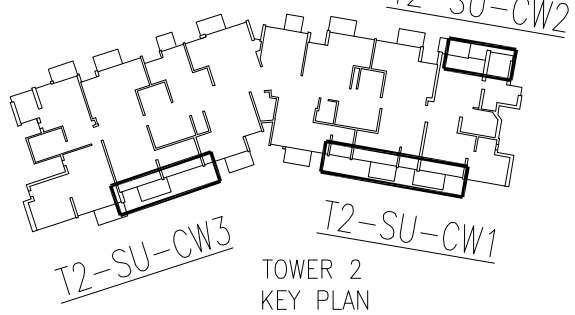
5 5006 *CAST-IN EMBED LAYOUT PLAN*
"T2-SU-CW2" (STARTER) (EM09 @ +140.0975)



3 5006 *RC RECESS LAYOUT PLAN*
"T2-SU-CW1"



6 5006 *RC RECESS LAYOUT PLAN*
"T2-SU-CW2"



TOWER 2
KEY PLAN

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
A	22-AUG-2023	7TH SUBMISSION	CF
–	21-FEB-2023	4TH SUBMISSION	CF

JOB NO. : J-856

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

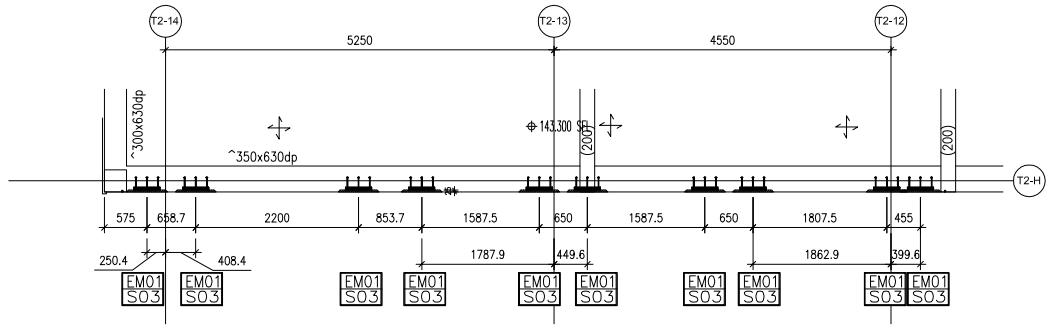
TITLE :
EMBED LAYOUT PLAN
FOR CURTAIN WALL
@ TOWER 2 SU (46/F)

DATE : 28-FEB-23 | SCALE : 1:100

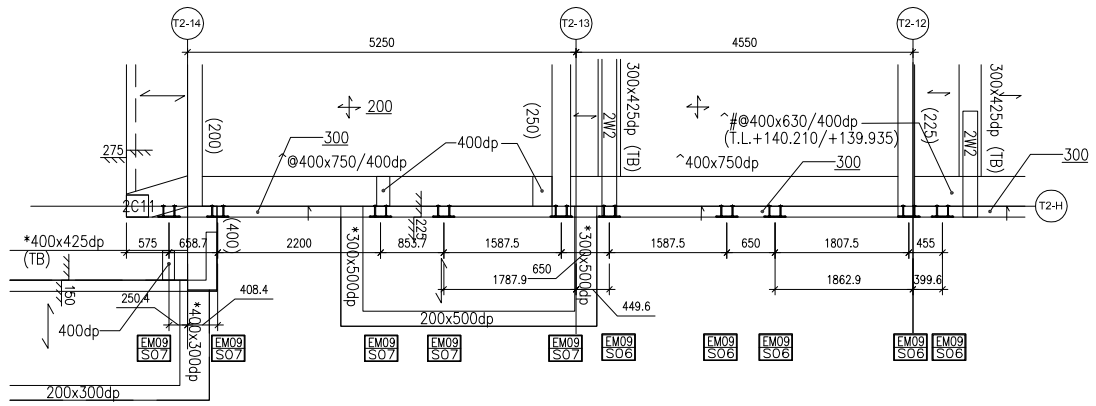
DRAWN BY : C.F | CHECKED BY :

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

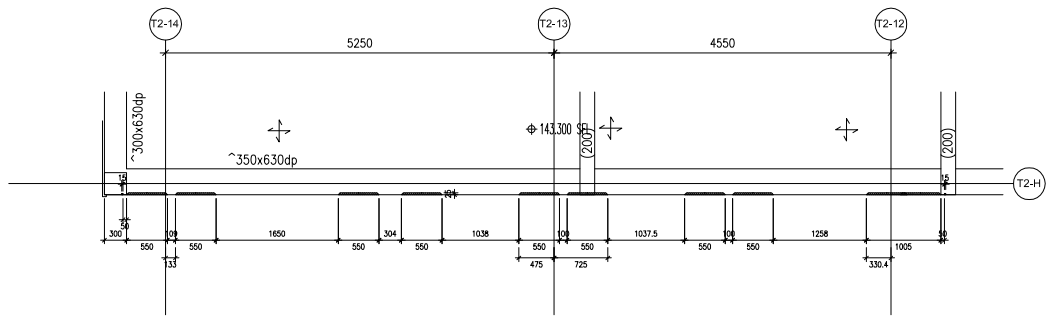
DWG NO. : J856-SD-CW-5006 | REV. : A



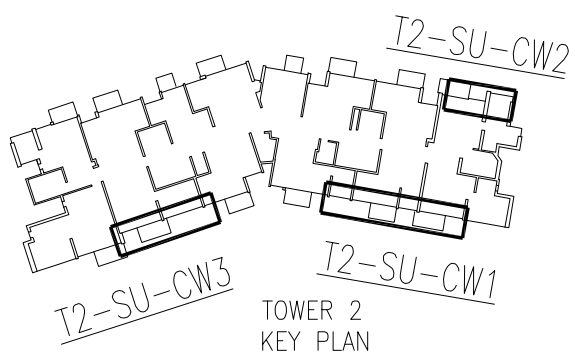
1 5007 *CAST-IN EMBED LAYOUT PLAN*
"T2-SU-CW3" (TOP FIXING) (EM01 @ +142.875)



2 5007 *CAST-IN EMBED LAYOUT PLAN*
"T2-SU-CW3" (STARTER) (EM09 @ +140.0975)



3 5007 *RC RECESS LAYOUT PLAN*
"T2-SU-CW3"



B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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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

NO.	DATE	REVISED	BY
A	22-AUG-2023	7TH SUBMISSION	CF
–	21-FEB-2023	4TH SUBMISSION	CF

JOB NO. : J-856

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

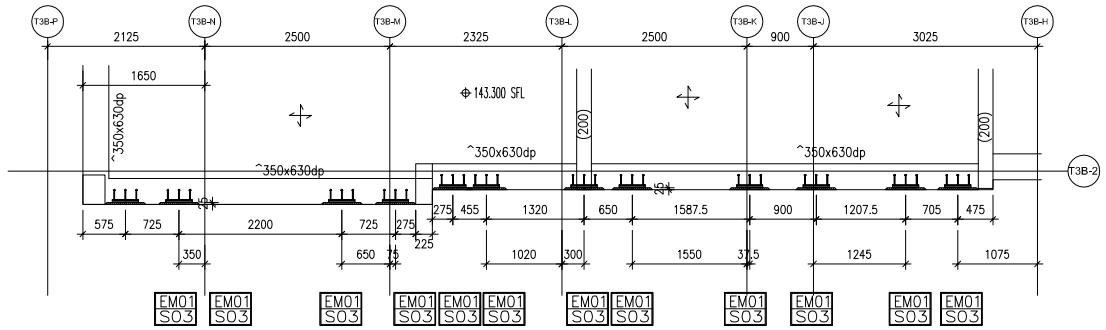
TITLE :
EMBED LAYOUT PLAN
FOR CURTAIN WALL
@ TOWER 2 SU (46/F)

DATE : 28-FEB-23 | SCALE : 1:100

DRAWN BY : C.F | CHECKED BY :

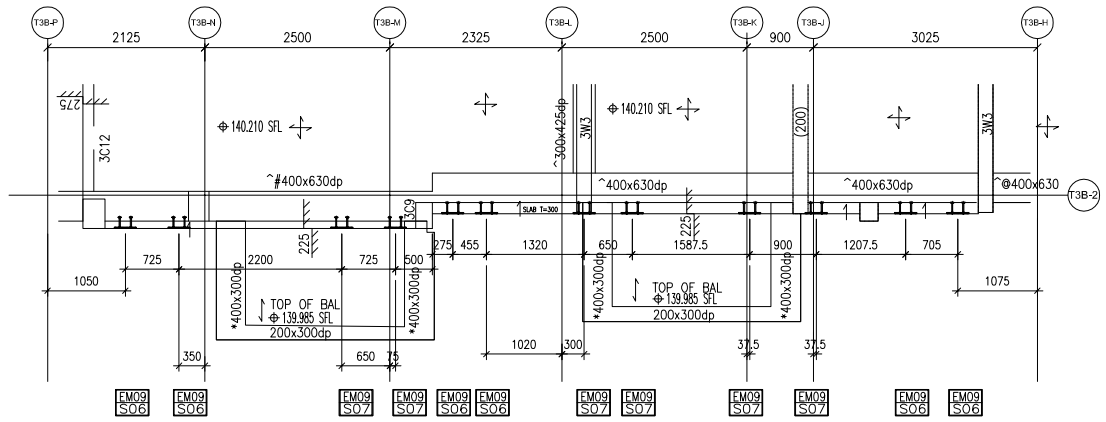
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-5007 | REV. : A



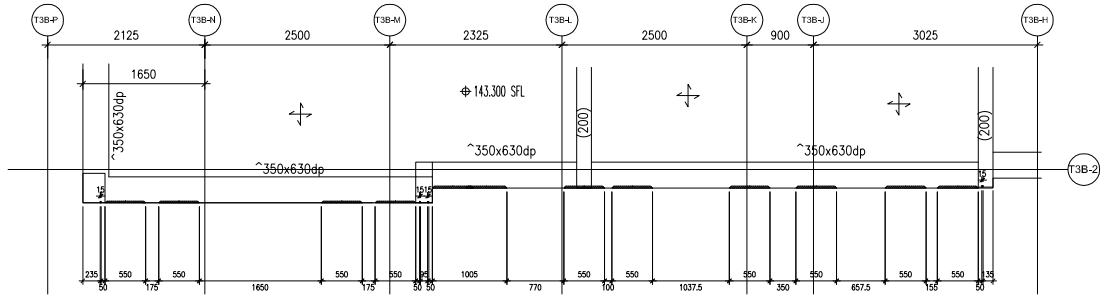
1 5008 *CAST-IN EMBED LAYOUT PLAN*

"T3-SU-CW1" (TOP FIXING) (EM01 @ +142.875)



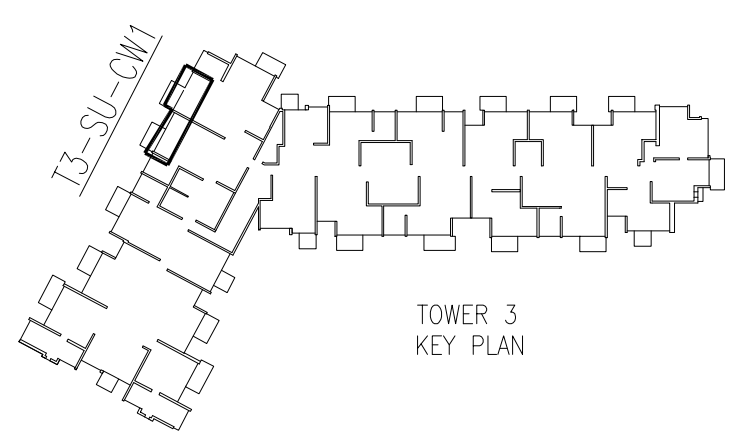
2 5008 *CAST-IN EMBED LAYOUT PLAN*

"T3-SU-CW1" (STARTER) (EM09 @ +140.0975)



3 5008 *RC RECESS LAYOUT PLAN*

"T3-SU-CW1"



B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :

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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

NO.	DATE	REVISED	BY
A	22-AUG-2023	7TH SUBMISSION	CF
–	21-FEB-2023	4TH SUBMISSION	CF

JOB NO. : J-856

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

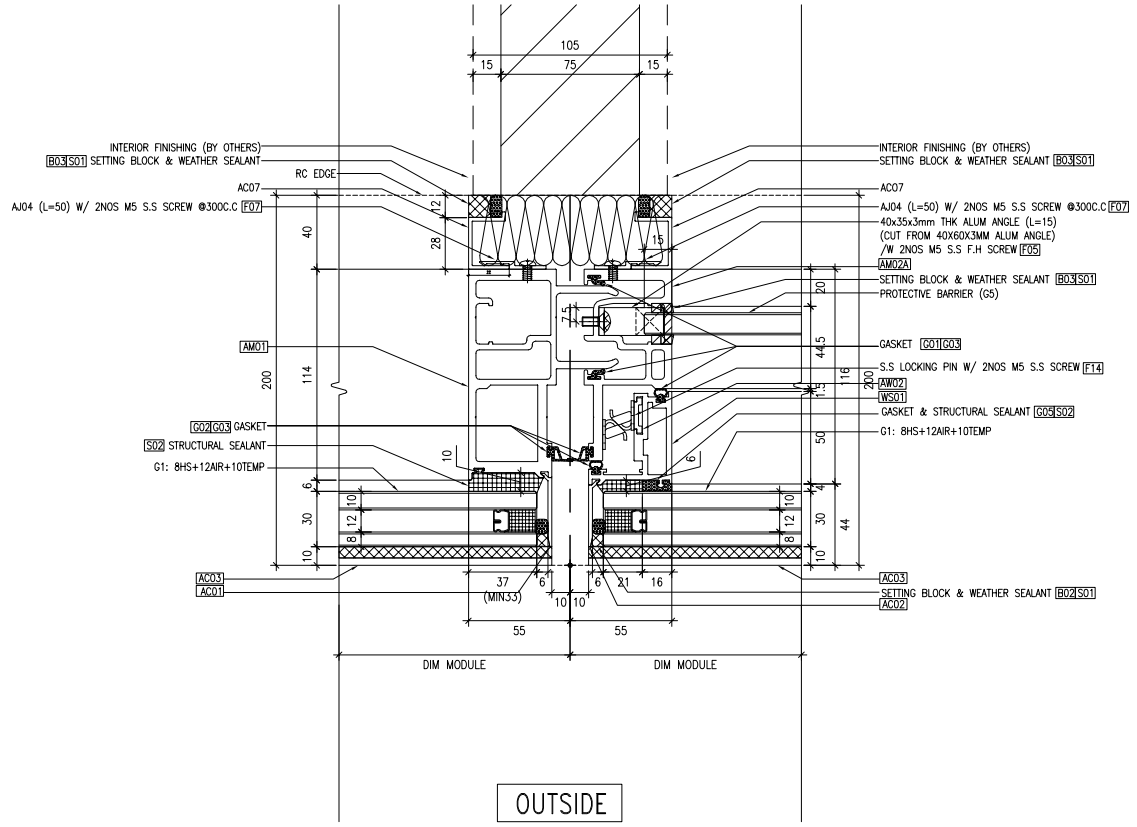
TITLE :
EMBED LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 SU (46/F)

DATE : 28-FEB-23 | SCALE : 1:100

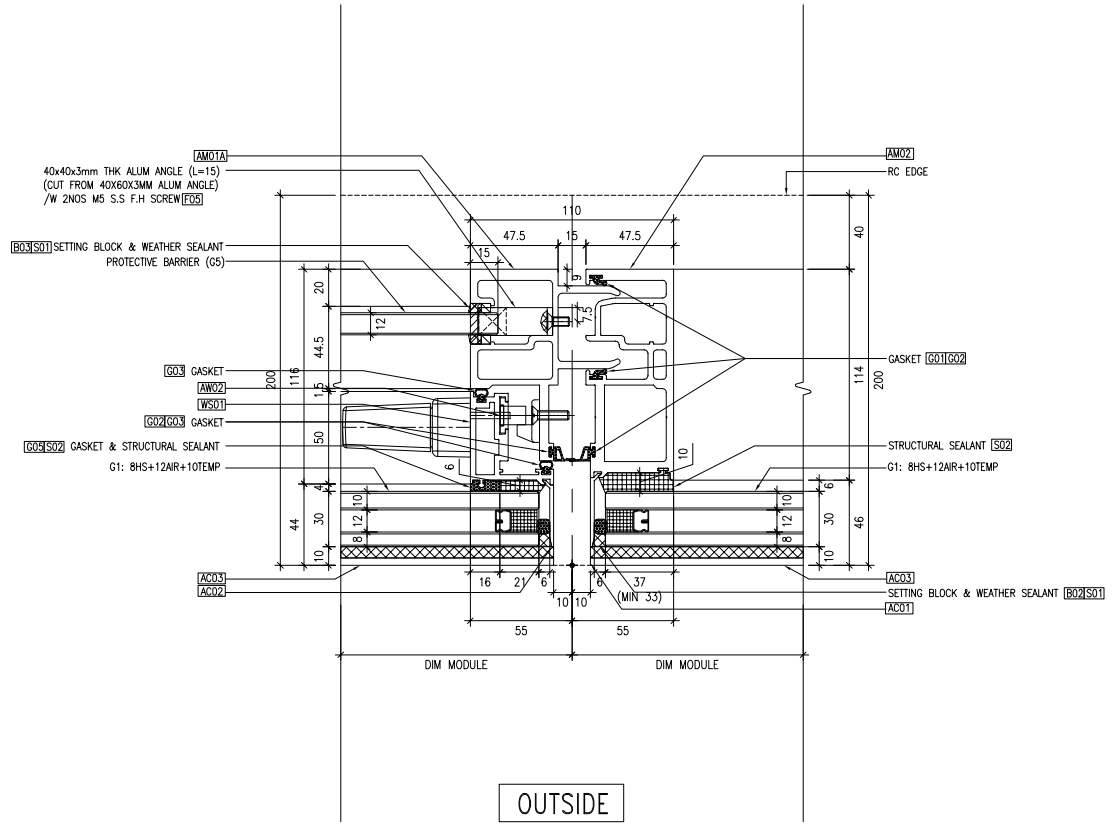
DRAWN BY : C.F | CHECKED BY :

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

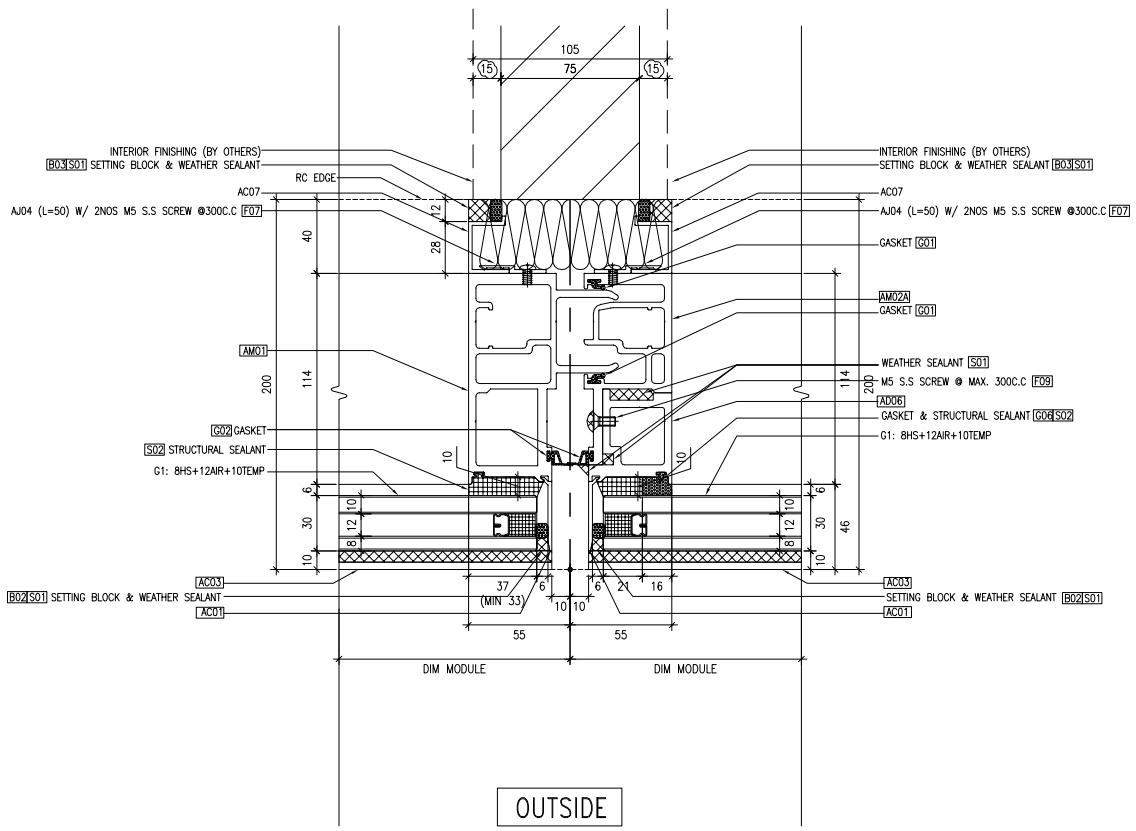
DWG NO. : J856-SD-CW-5008 | REV. : A



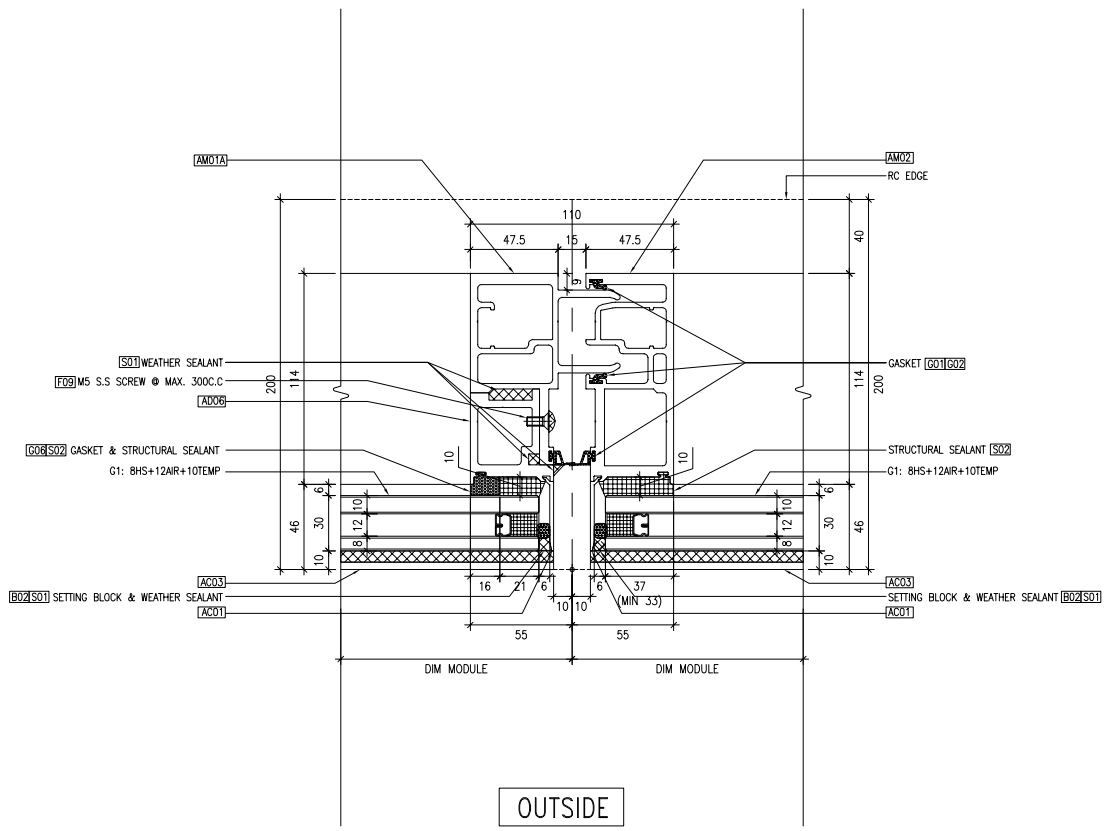
1 8001 *TYPICAL DETAIL OF CURTAIN WALL*



2 8001 *TYPICAL DETAIL OF CURTAIN WALL*



3 8001 *TYPICAL DETAIL OF CURTAIN WALL*



4 8001 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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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

NO.	DATE	REVISED	BY
A	21-FEB-2023	4TH SUBMISSION	CF
–	23-NOV-2022	1ST SUBMISSION	CF

JOB NO. : J-856

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

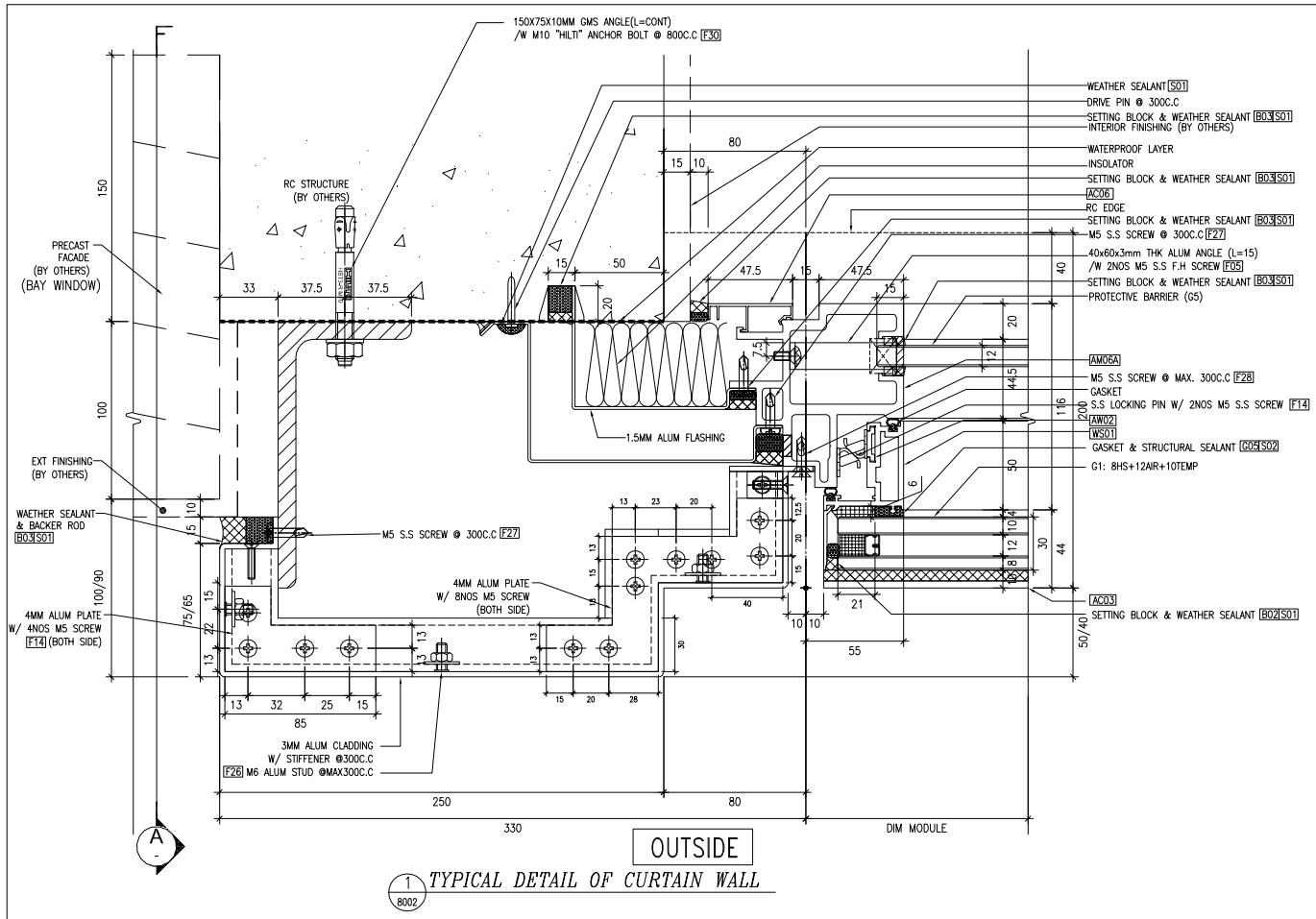
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

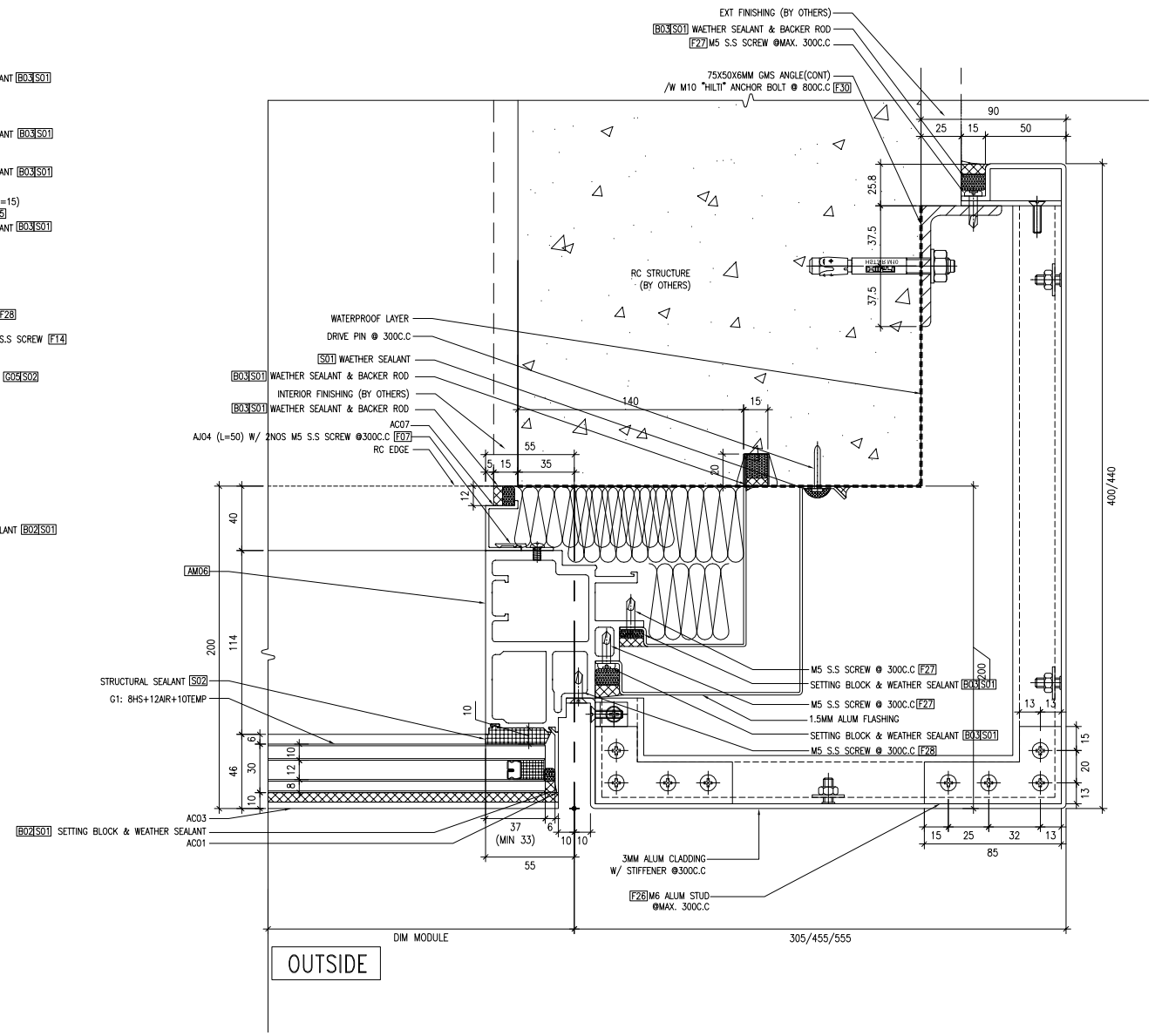
DRAWN BY : C.F | CHECKED BY :

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

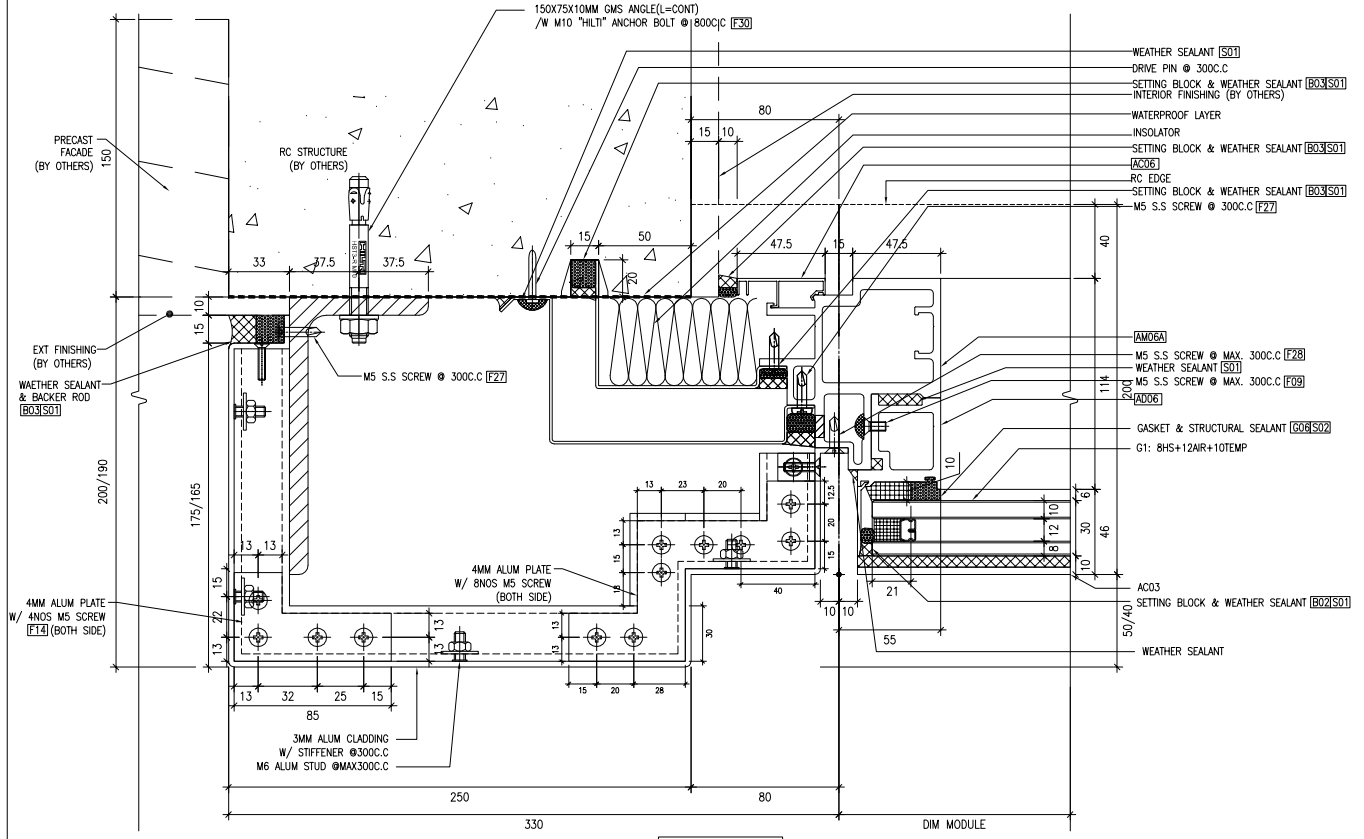
DWG NO. : J856-SD-CW-8001 | REV. : A



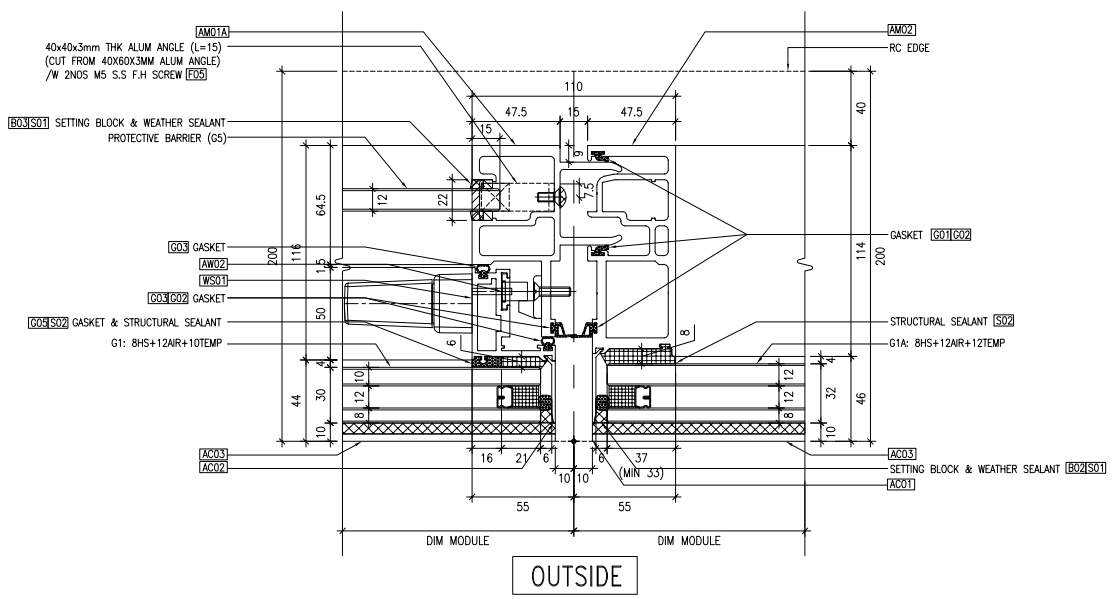
1 / 8002 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8002 *TYPICAL DETAIL OF CURTAIN WALL*



3 / 8002 *TYPICAL DETAIL OF CURTAIN WALL*



4 / 8002 *TYPICAL DETAIL OF CURTAIN WALL*
FOR G1A: 8HS+12AIR+12TEMP

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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LEGEND :
X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.
1. F.F.L. -- FINISHED FLOOR LEVEL
2. S.F.L. -- STRUCTURAL FLOOR LEVEL
3. /R -- REVERSED DETAIL

#1: ALUM FLASHING OVERLAPPING
REFER TO DWG: 3 / 8008A

NO.	DATE	REVISED	BY
D	30-MAY-2023	6TH SUBMISSION	CF
C	02-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2023	2ND SUBMISSION	CF
-	23-NOV-2022	1ST SUBMISSION	CF

JOB NO. : J-856

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

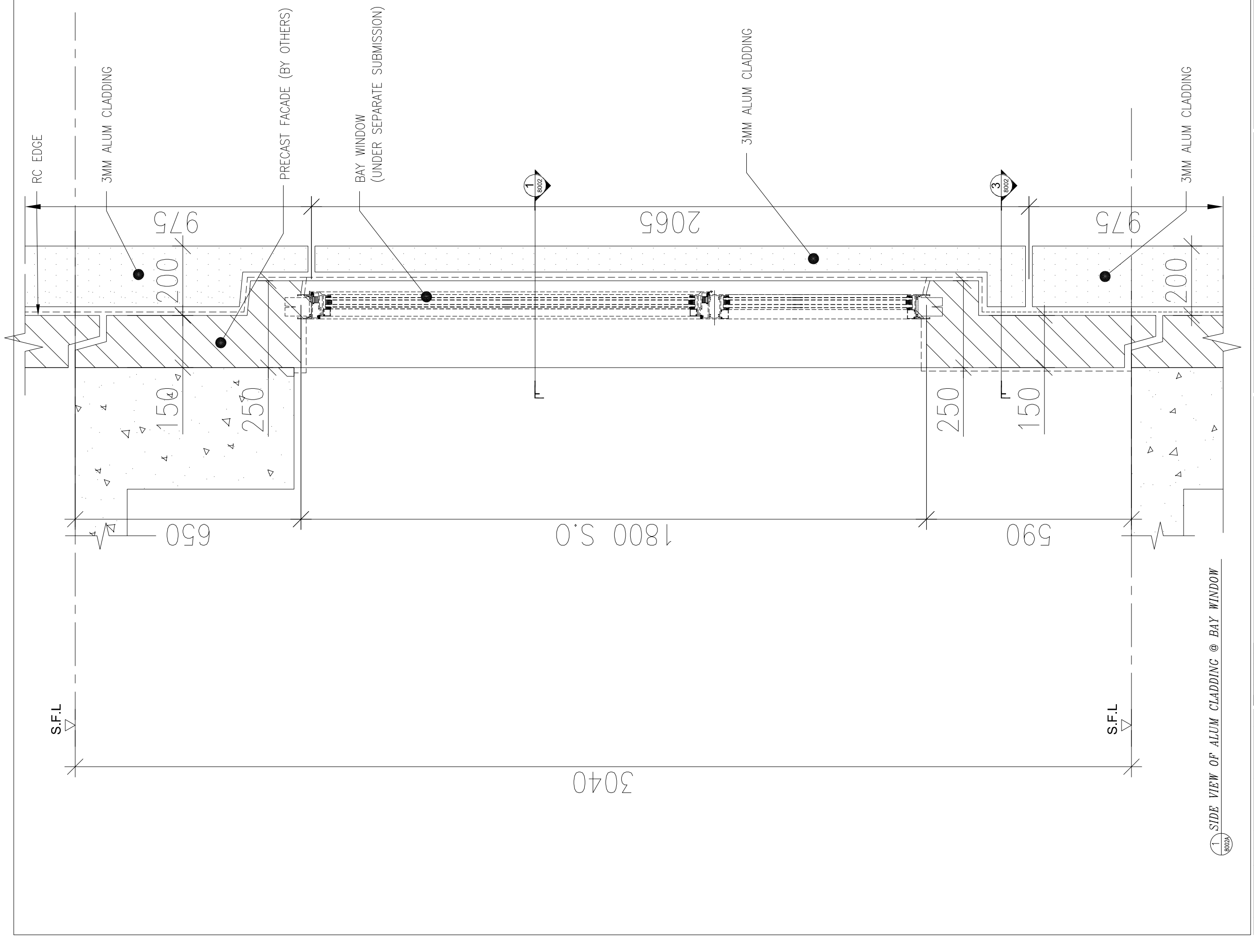
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8002 | REV. : D



B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
		NO CHANGE	
–	13-JAN-2023	NEW DRAWING (3RD SUBMISSION)	CF

JOB NO. : J-856

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

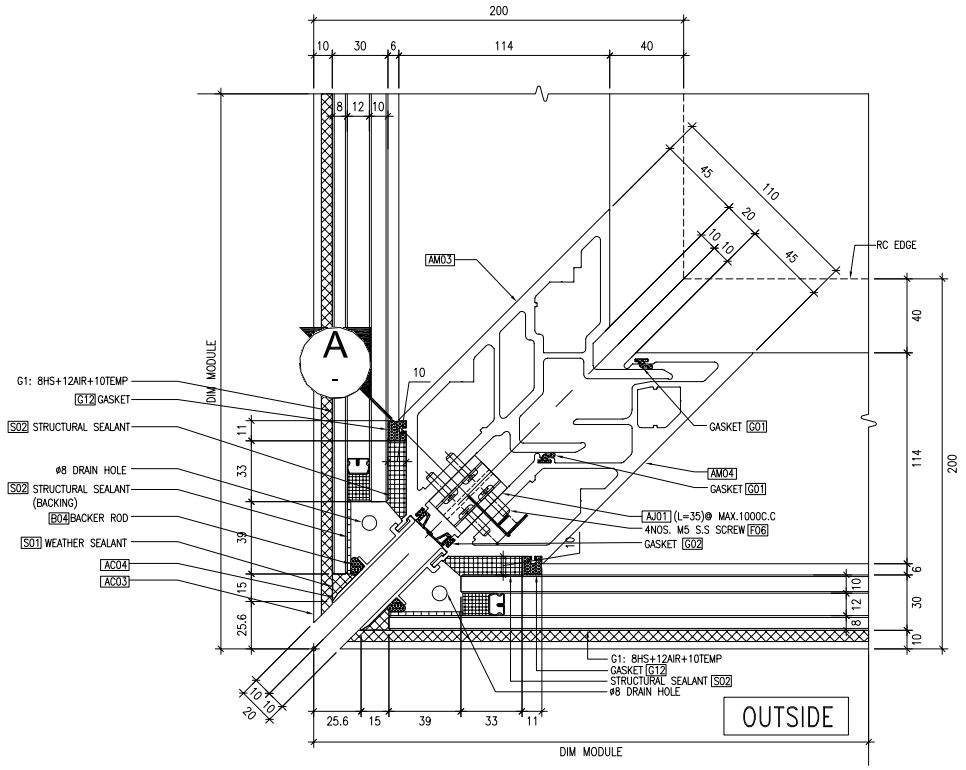
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 11-JAN-23 | SCALE : 1:10

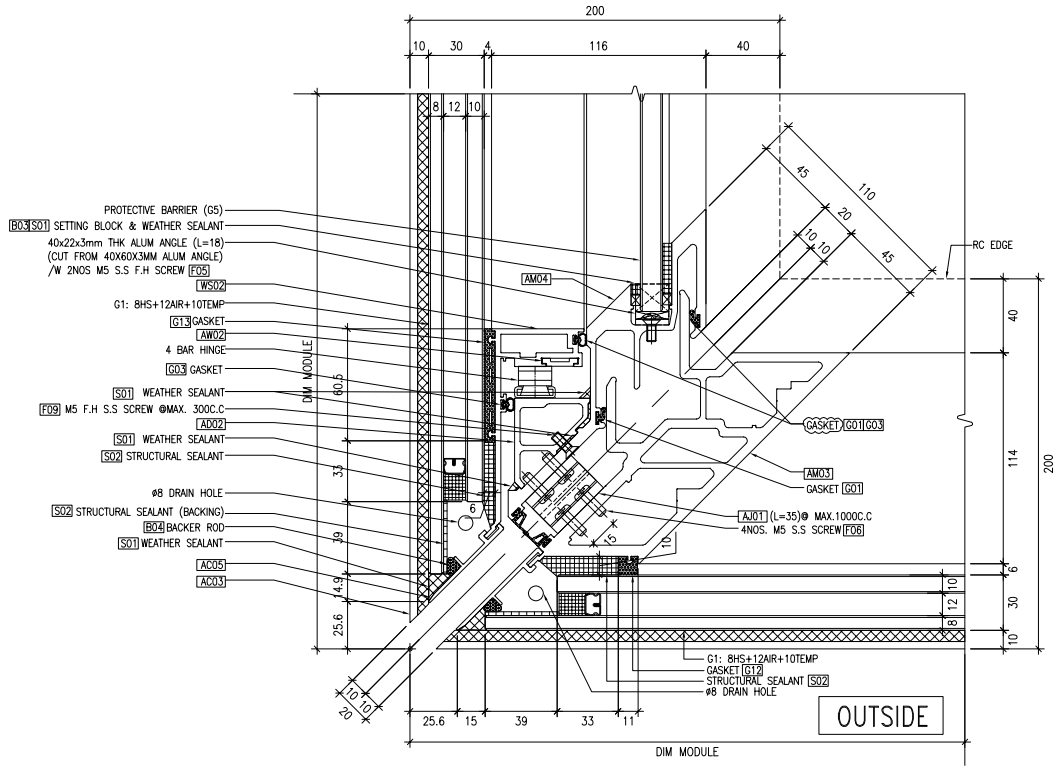
DRAWN BY : C.F | CHECKED BY :

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

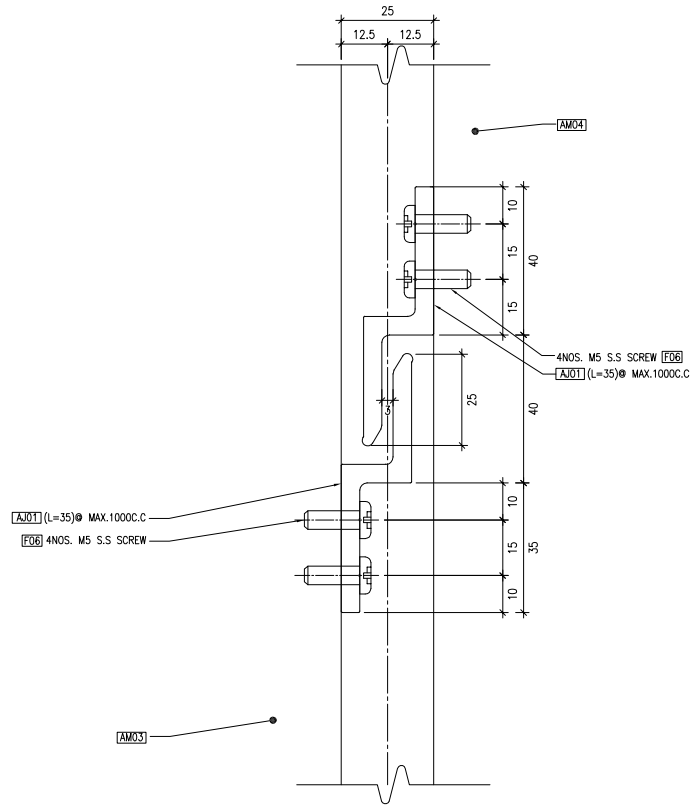
DWG NO. : J856-SD-CW-8002A | REV. : –



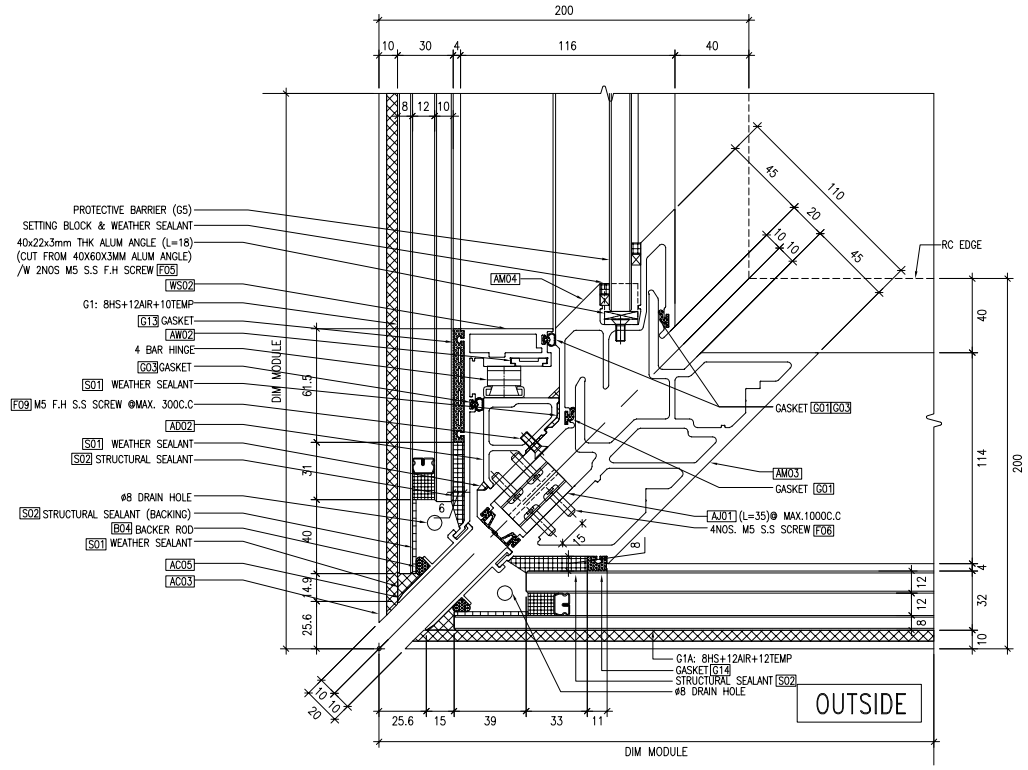
1 8003 *TYPICAL DETAIL OF CURTAIN WALL*



2 8003 *TYPICAL DETAIL OF CURTAIN WALL*



A 8003 *SECTION DETAIL FOR CONNERCTOR*
NTS



3 8003 *TYPICAL DETAIL OF CURTAIN WALL*
FOR G1A:8HS+12AIR+12TEMP

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
A	21-FEB-2023	4TH SUBMISSION	
–	30-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

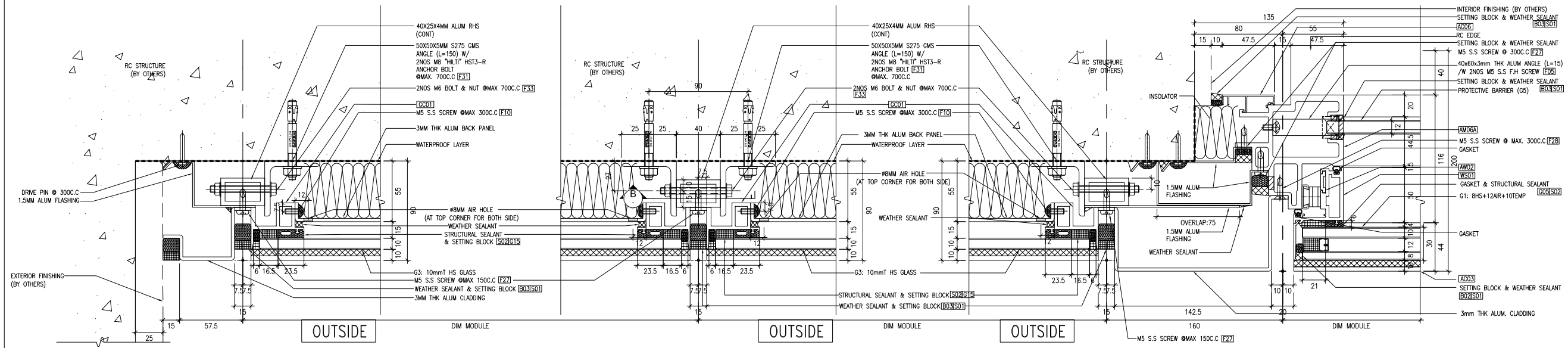
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

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

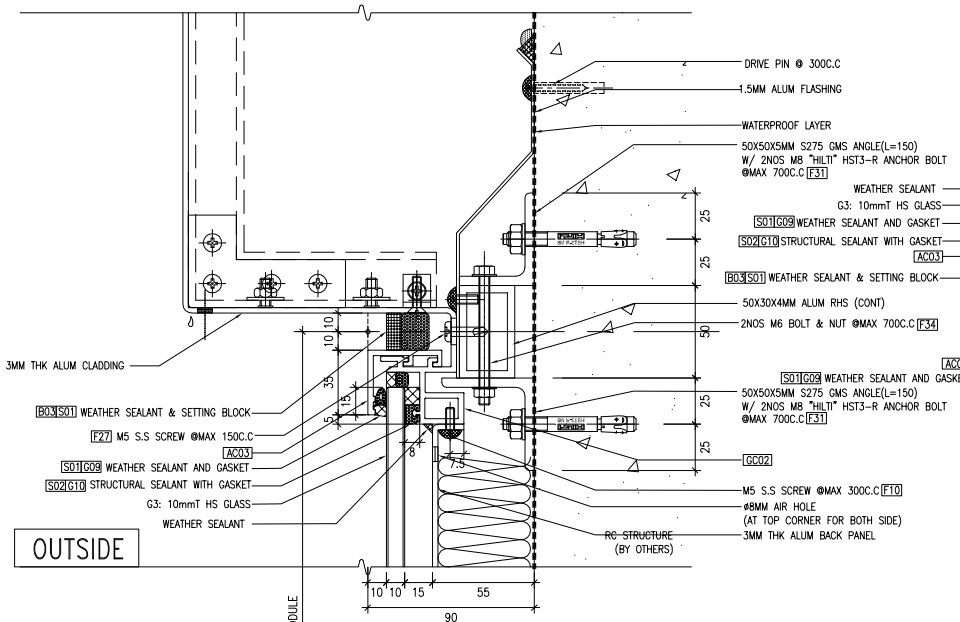
DWG NO. : J856-SD-CW-8003 | REV. : A



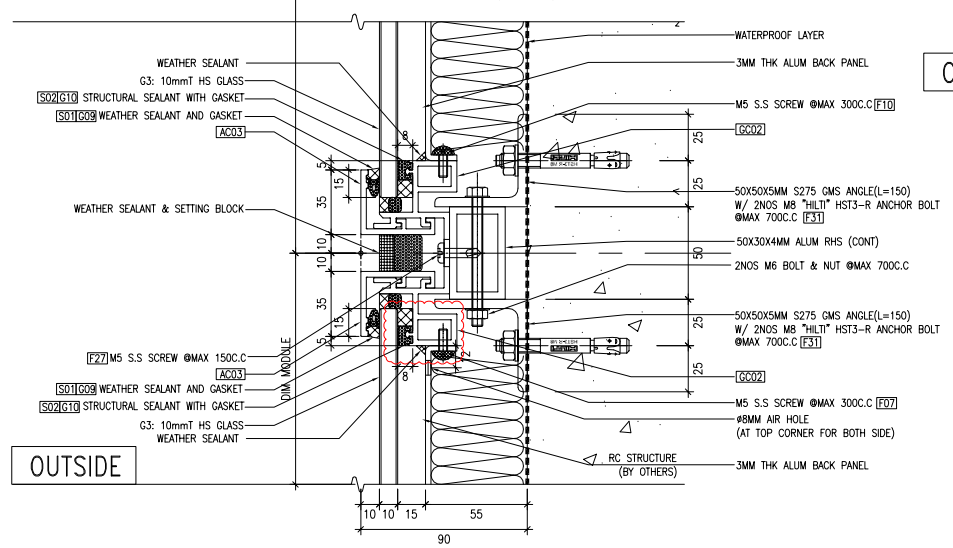
1 8004 *TYPICAL DETAIL* GLASS CLADDING (SIDE)

2 8004 *TYPICAL DETAIL* GLASS CLADDING

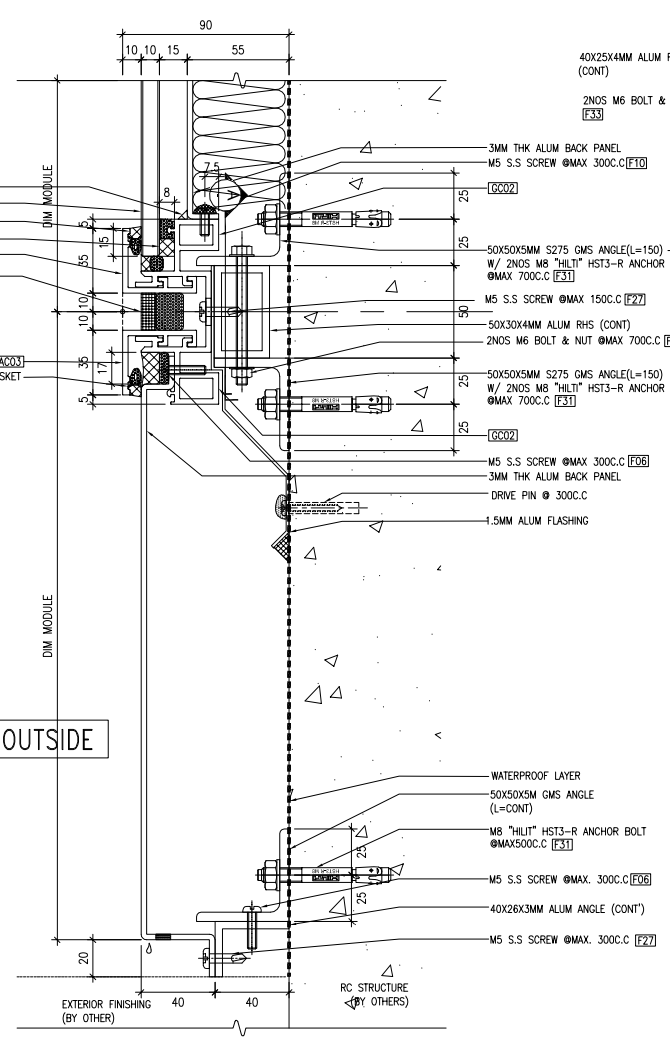
3 8004 *TYPICAL DETAIL* GLASS CLADDING



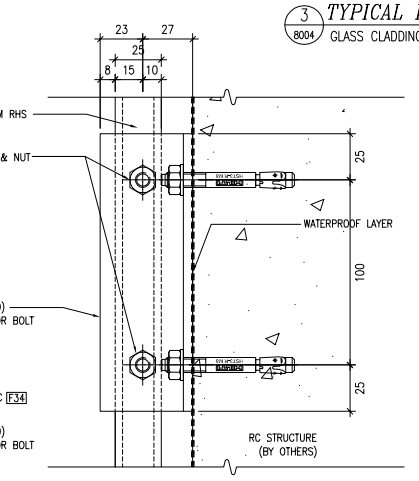
4 8004 *TYPICAL DETAIL (SECTION)* GLASS CLADDING (TOP-END)



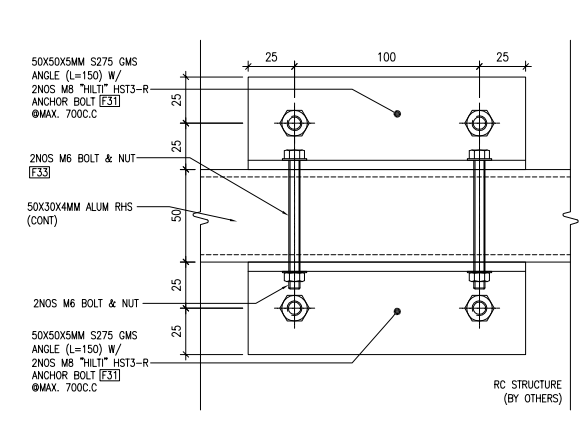
5 8004 *TYPICAL DETAIL (SECTION)* GLASS CLADDING



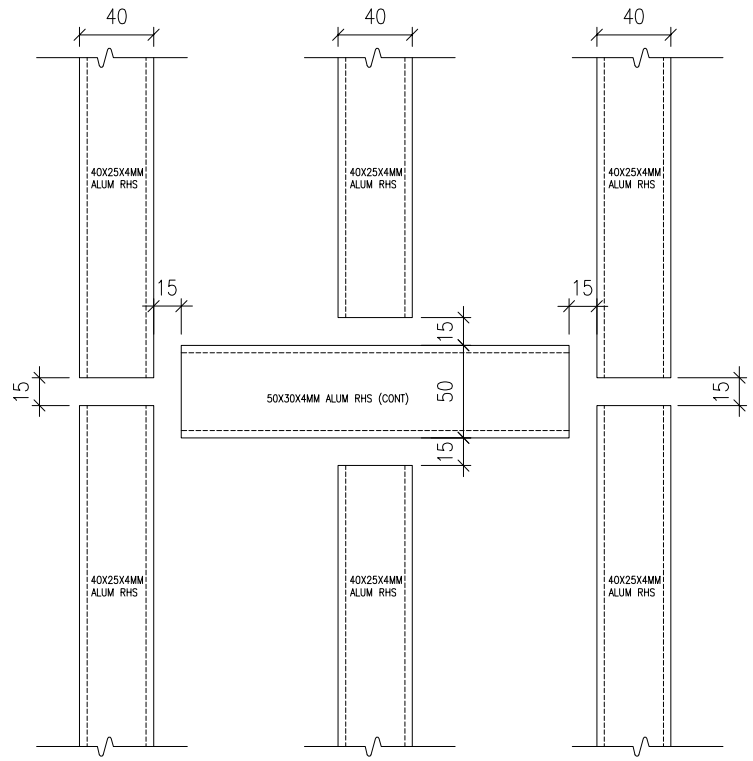
6 8004 *TYPICAL DETAIL (SECTION)* GLASS CLADDING (BOTTOM-END)



A 8004 *SECTION*



B 8004 *SECTION*



7 8004 *HOLLOW ALLOCATION* GLASS CLADDING

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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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

NO.	DATE	REVISED	BY
E	30-MAY-2023	6TH SUBMISSION	CF
D	02-MAY-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3RD SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

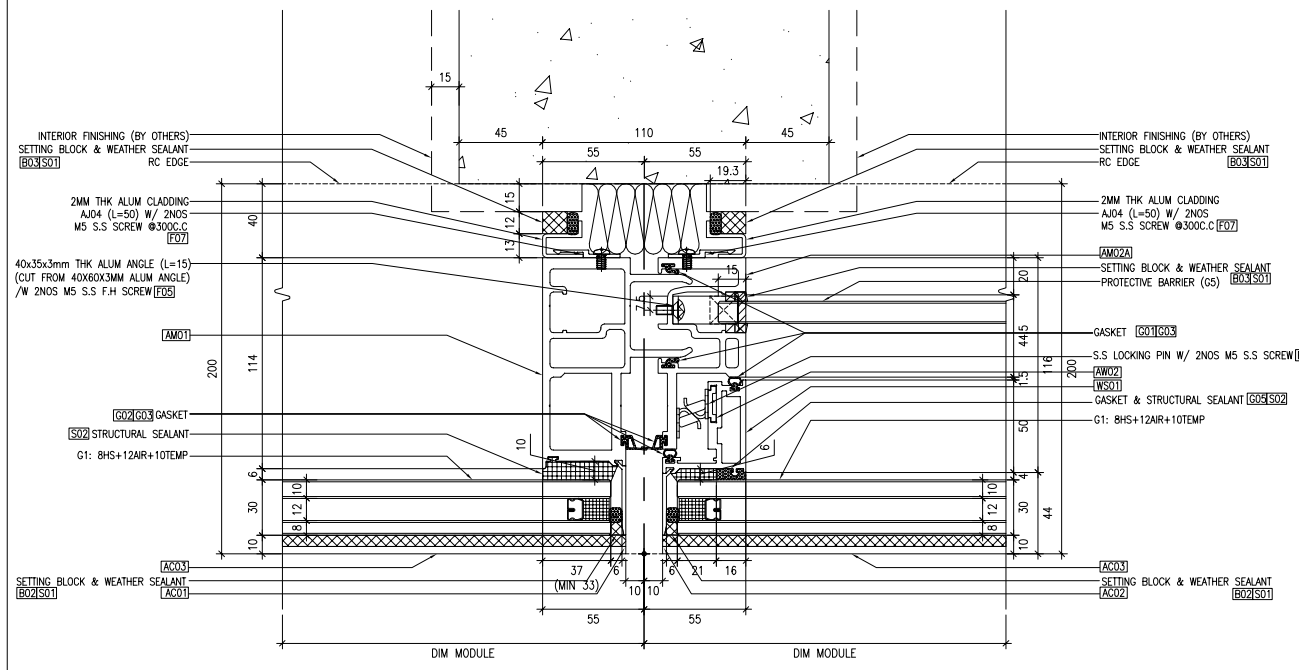
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

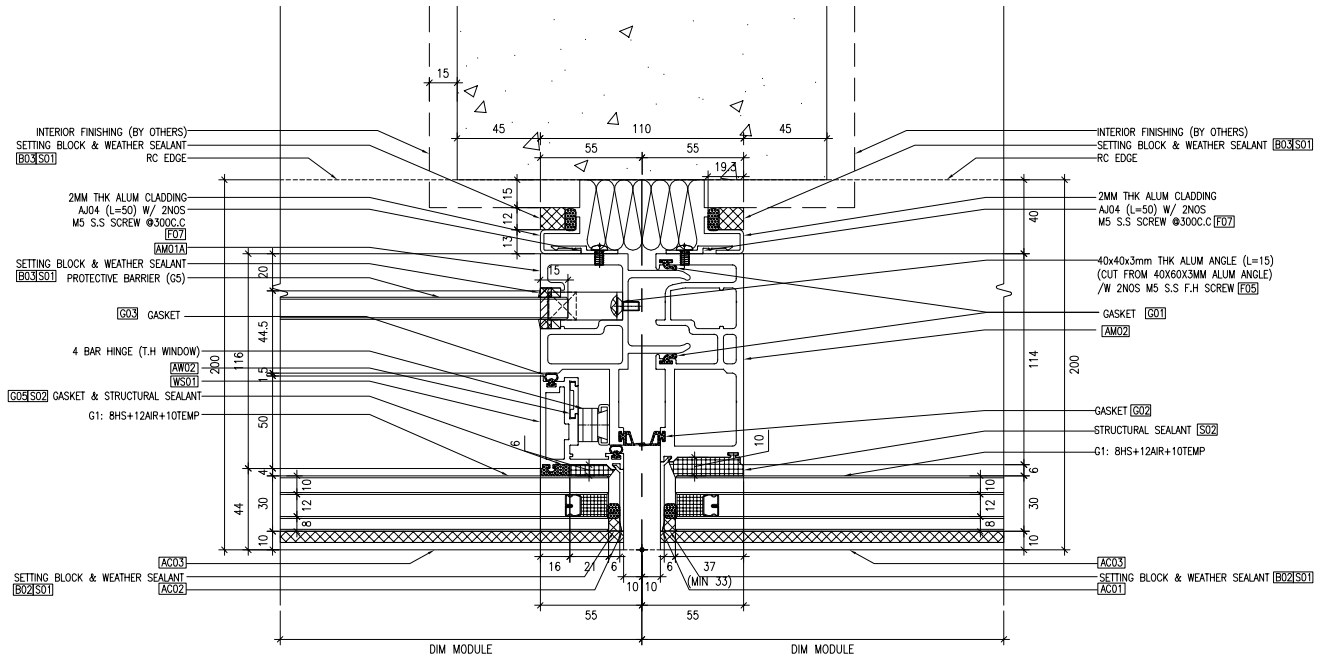
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8004 | REV. : E



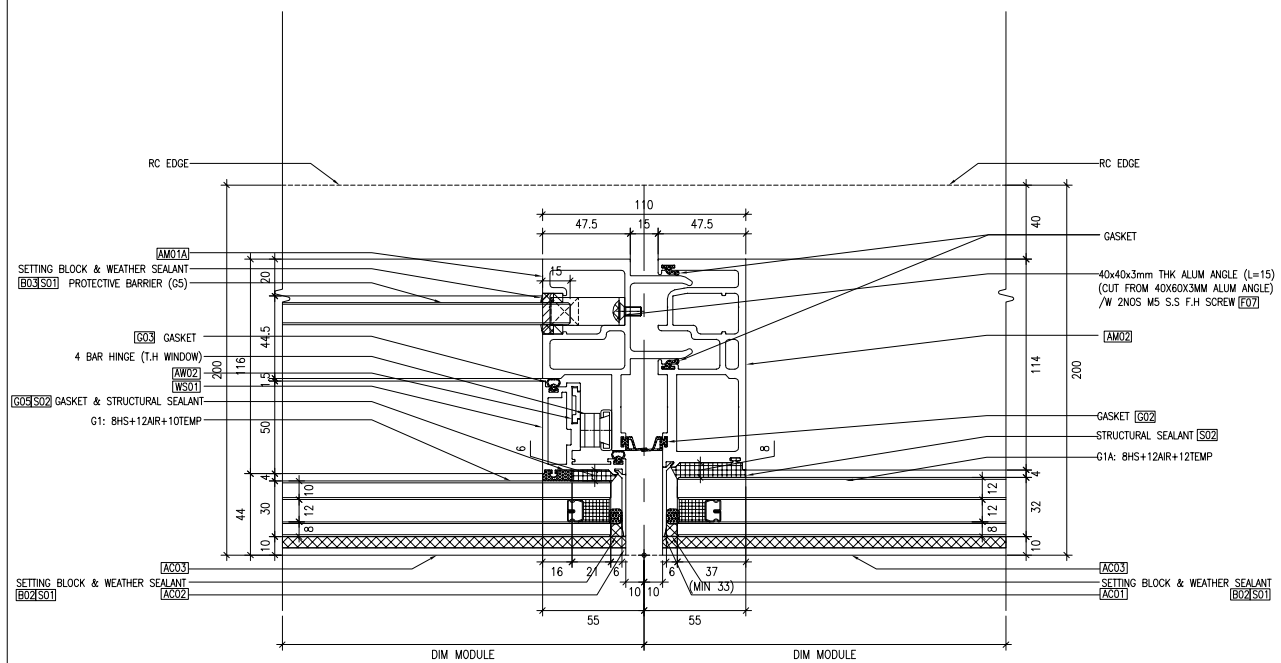
OUTSIDE

1 8005 *TYPICAL DETAIL OF CURTAIN WALL*



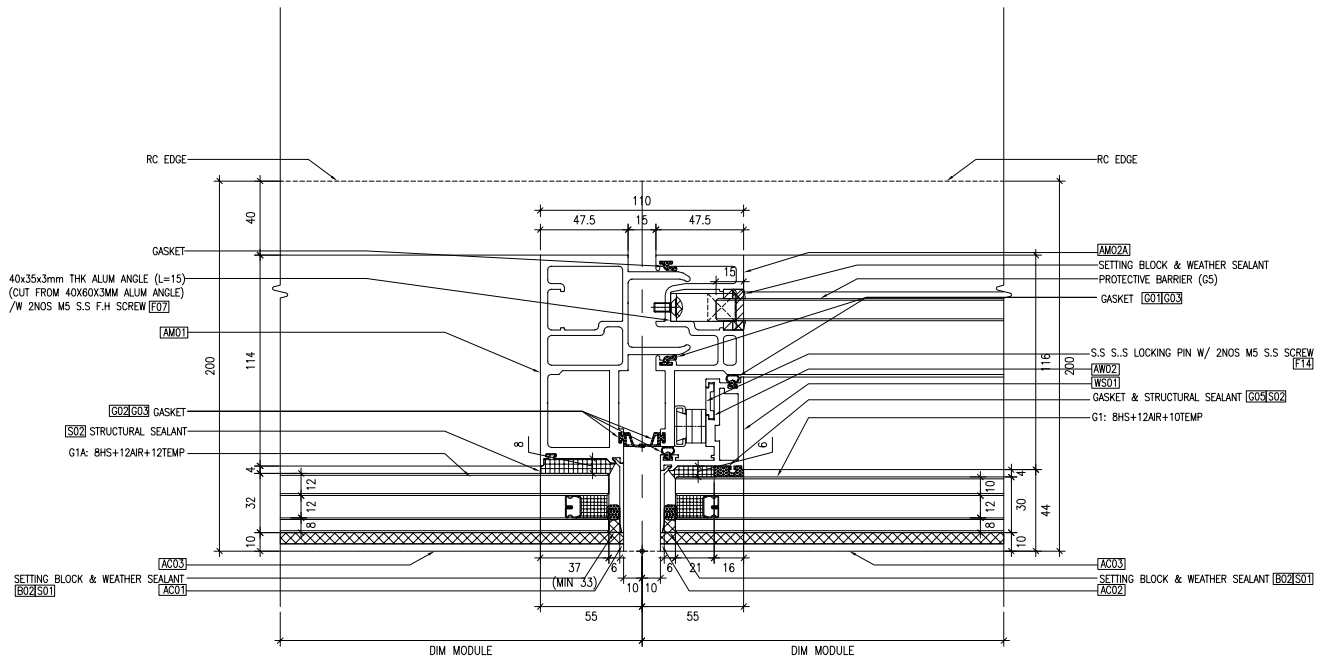
OUTSIDE

2 8005 *TYPICAL DETAIL OF CURTAIN WALL*



OUTSIDE

3 8005 *TYPICAL DETAIL OF CURTAIN WALL*
FOR (G1A)



OUTSIDE

4 8005 *TYPICAL DETAIL OF CURTAIN WALL*
FOR (G1A)

B.D. REF :

NO CHANGE

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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LEGEND :

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

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

NO.	DATE	REVISED	BY
B	21-FEB-2023	4TH SUBMISSION	CF
A	13-JAN-2023	3RD SUBMISSION	CF
–	23-NOV-2022	1ST SUBMISSION	

JOB NO. : J-856

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

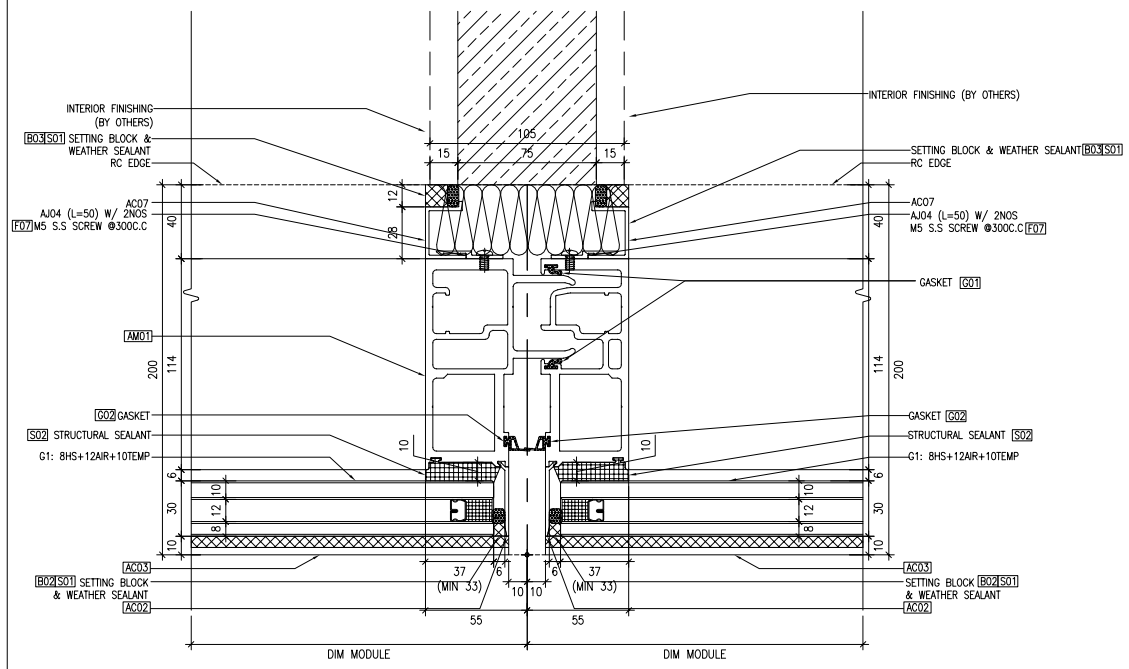
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

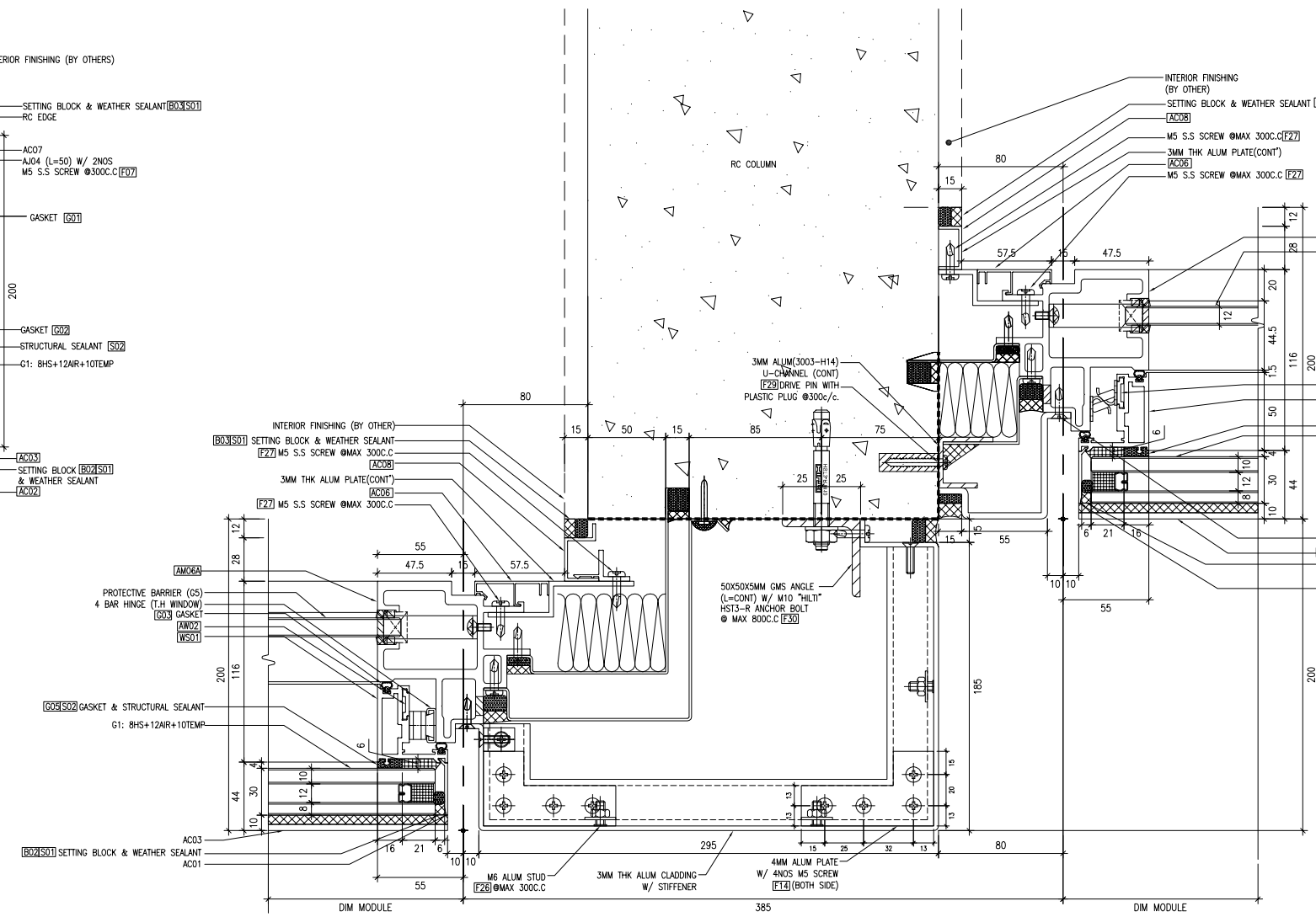
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8005 | REV. : B



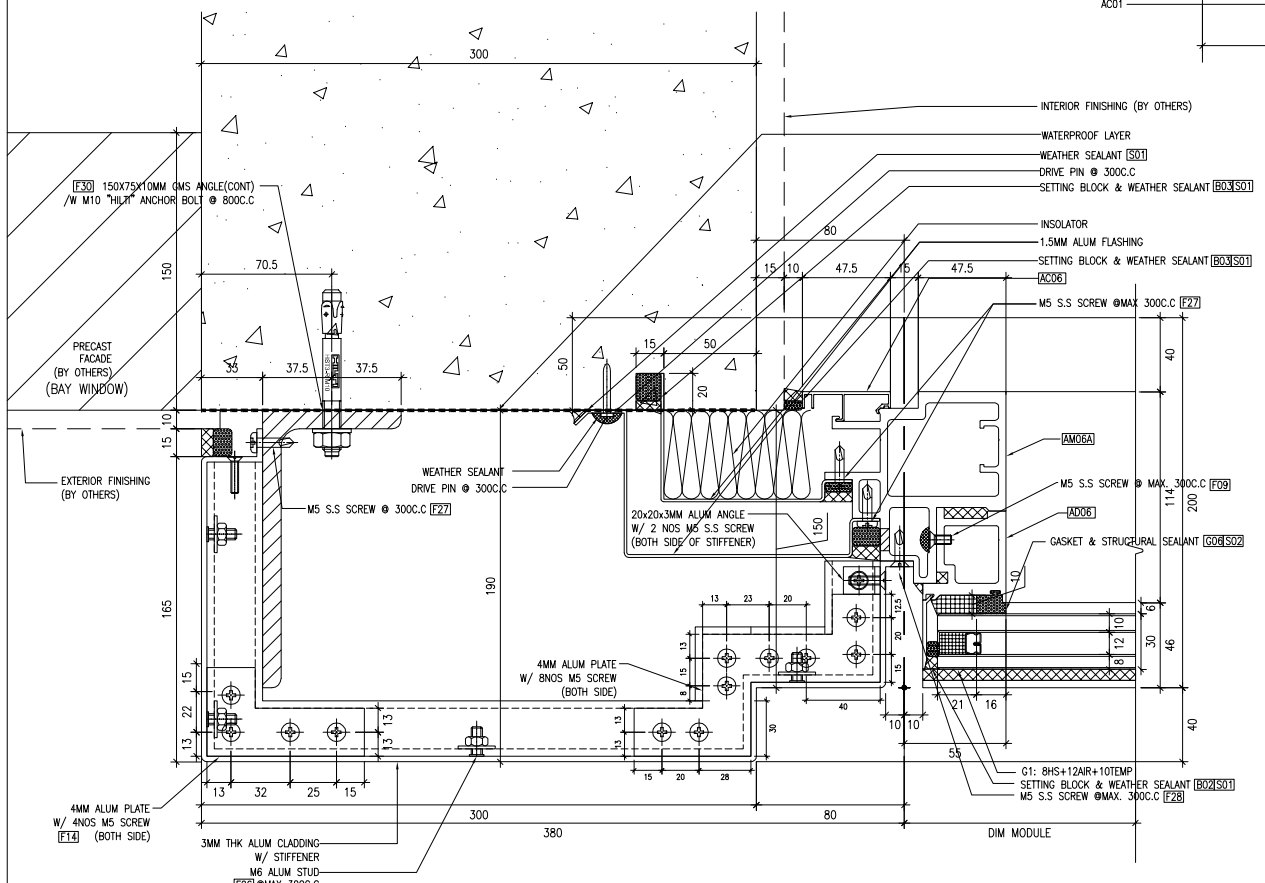
OUTSIDE

1 8006 *TYPICAL DETAIL OF CURTAIN WALL*



OUTSIDE

2 8006 *TYPICAL DETAIL OF CURTAIN WALL*



3 8006 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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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

#1: ALUM FLASHING OVERLAPPING REFER TO DWG: 5 8006A

NO.	DATE	REVISED	BY
E	30-MAY-2023	6TH SUBMISSION	CF
D	02-MAY-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3RD SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

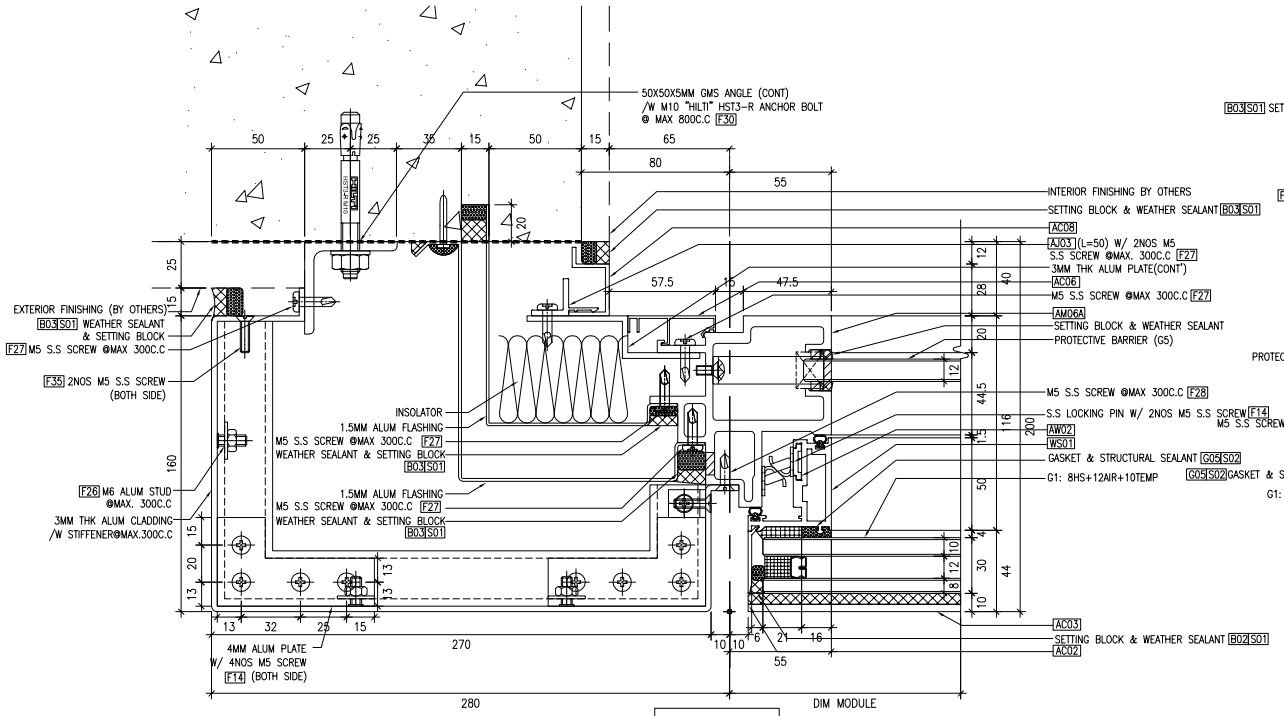
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

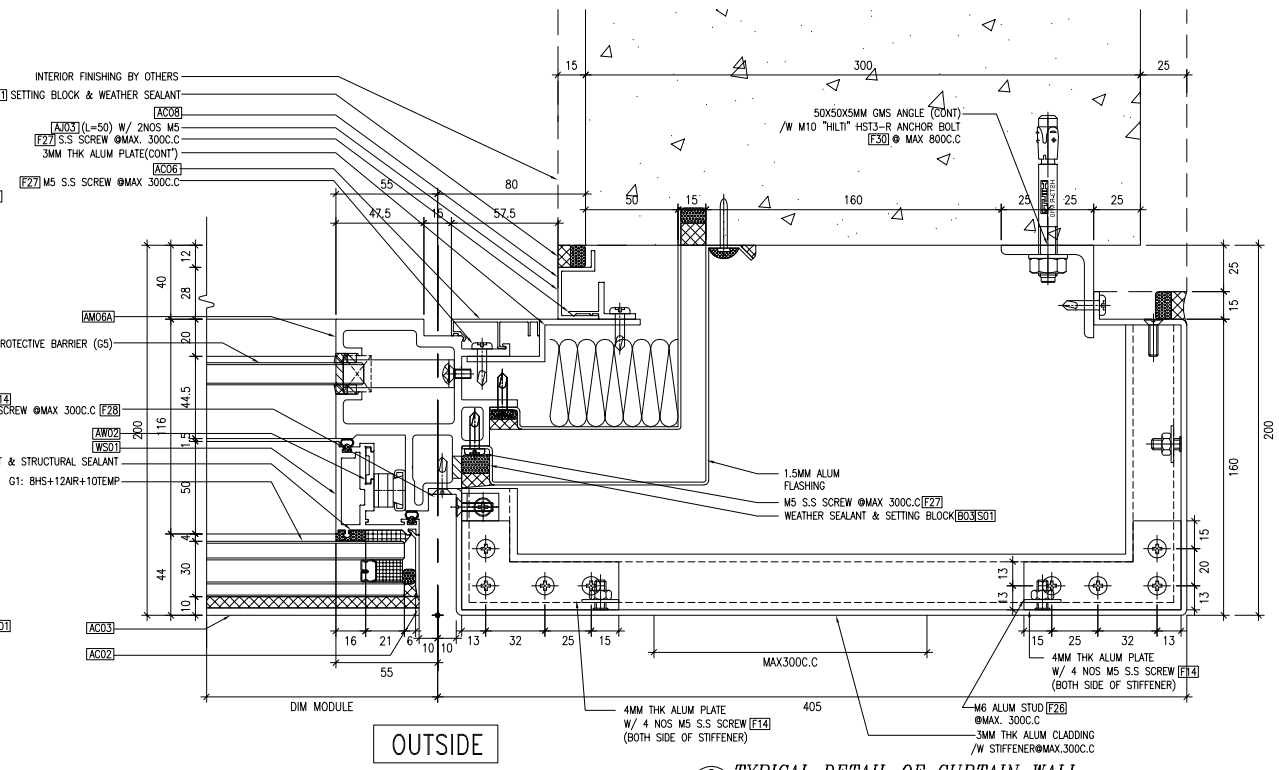
DRAWN BY : C.F | CHECKED BY :

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

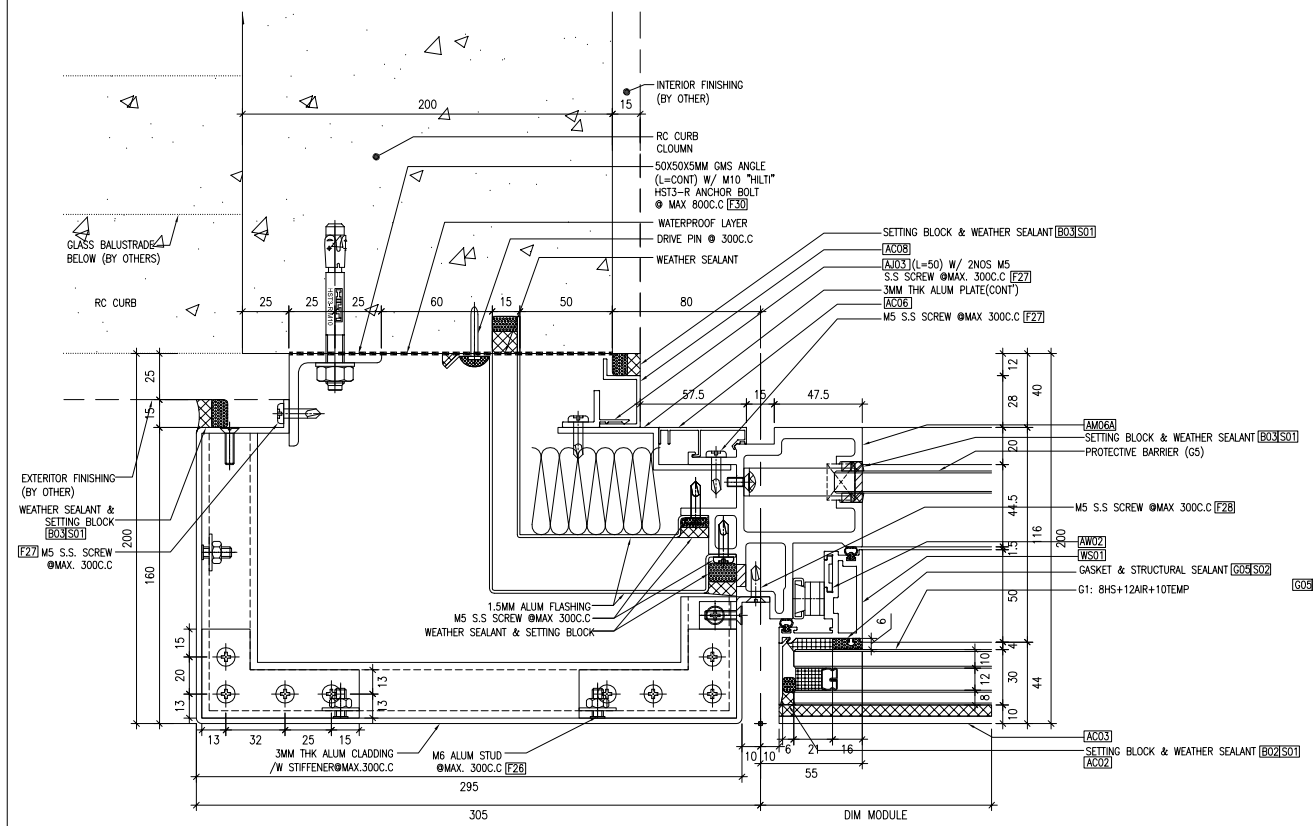
DWG NO. : J856-SD-CW-8006 | REV. : E



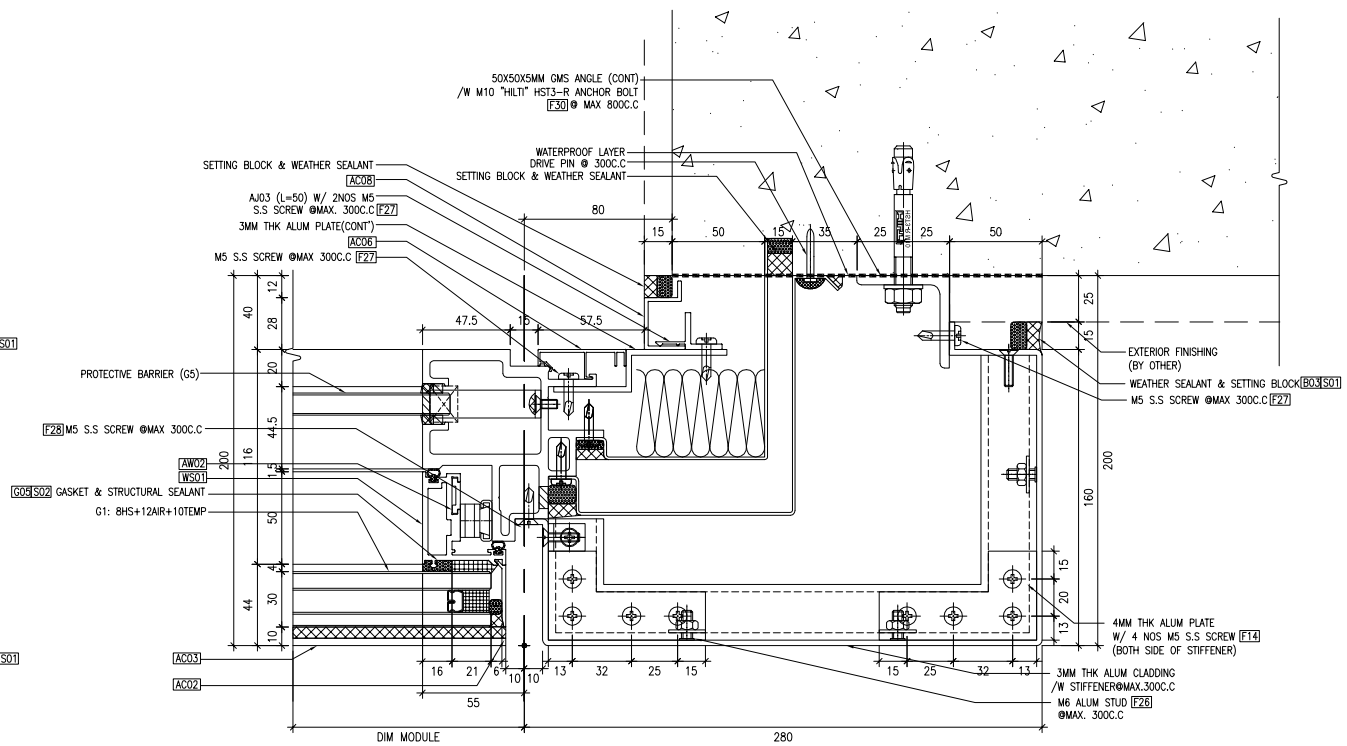
1 8007 *TYPICAL DETAIL OF CURTAIN WALL*



2 8007 *TYPICAL DETAIL OF CURTAIN WALL*



3 8007 *TYPICAL DETAIL OF CURTAIN WALL*



4 8007 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

#1: ALUM FLASHING OVERLAPPING
REFER TO DWG: 3 / 8008A

NO.	DATE	REVISED	BY
C	02-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
–	21-NOV-2022		CF

JOB NO. : J-856

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

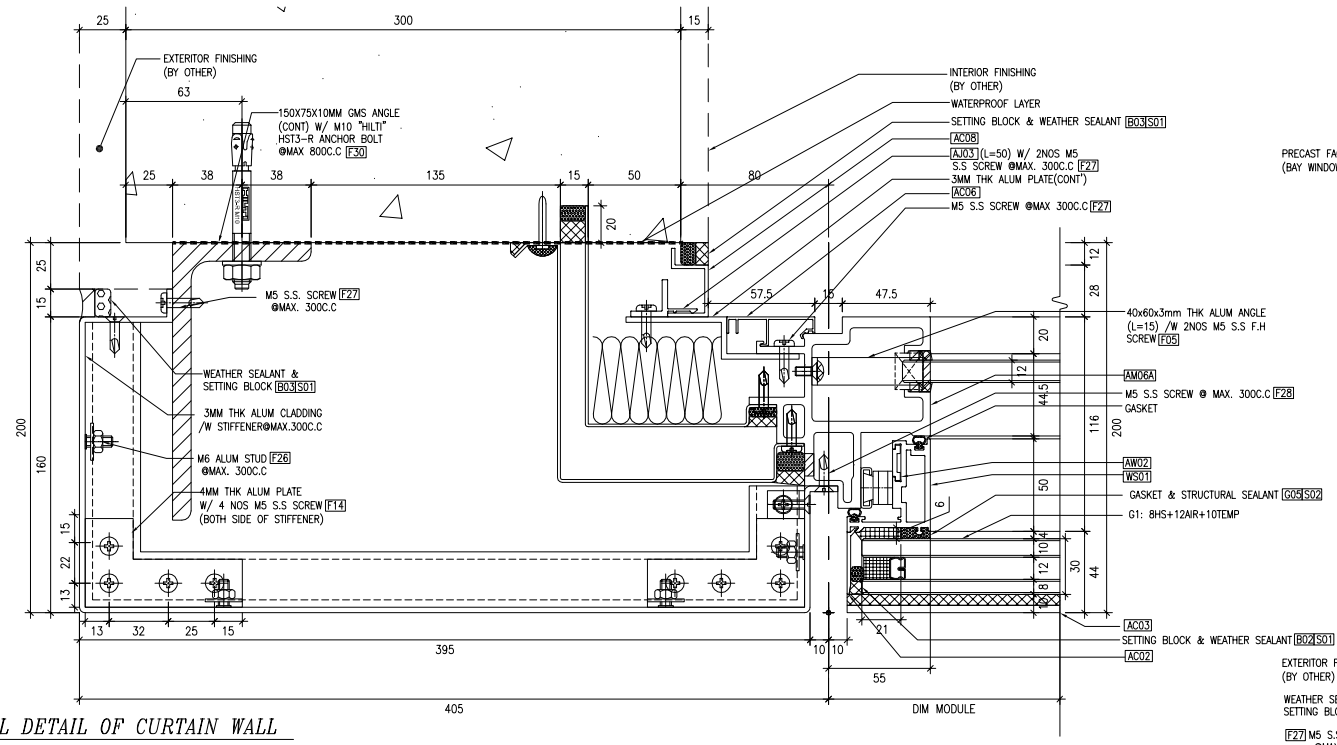
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

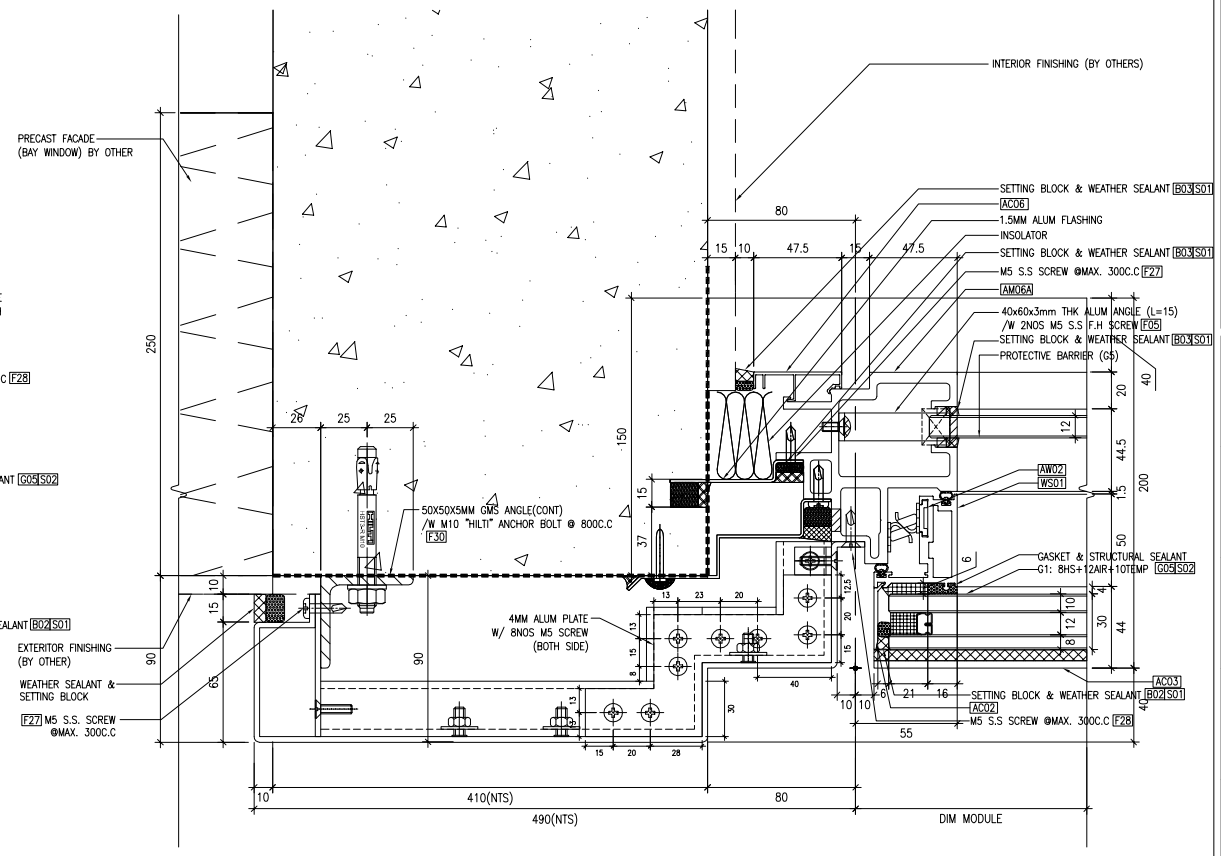
DRAWN BY : C.F | CHECKED BY :

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

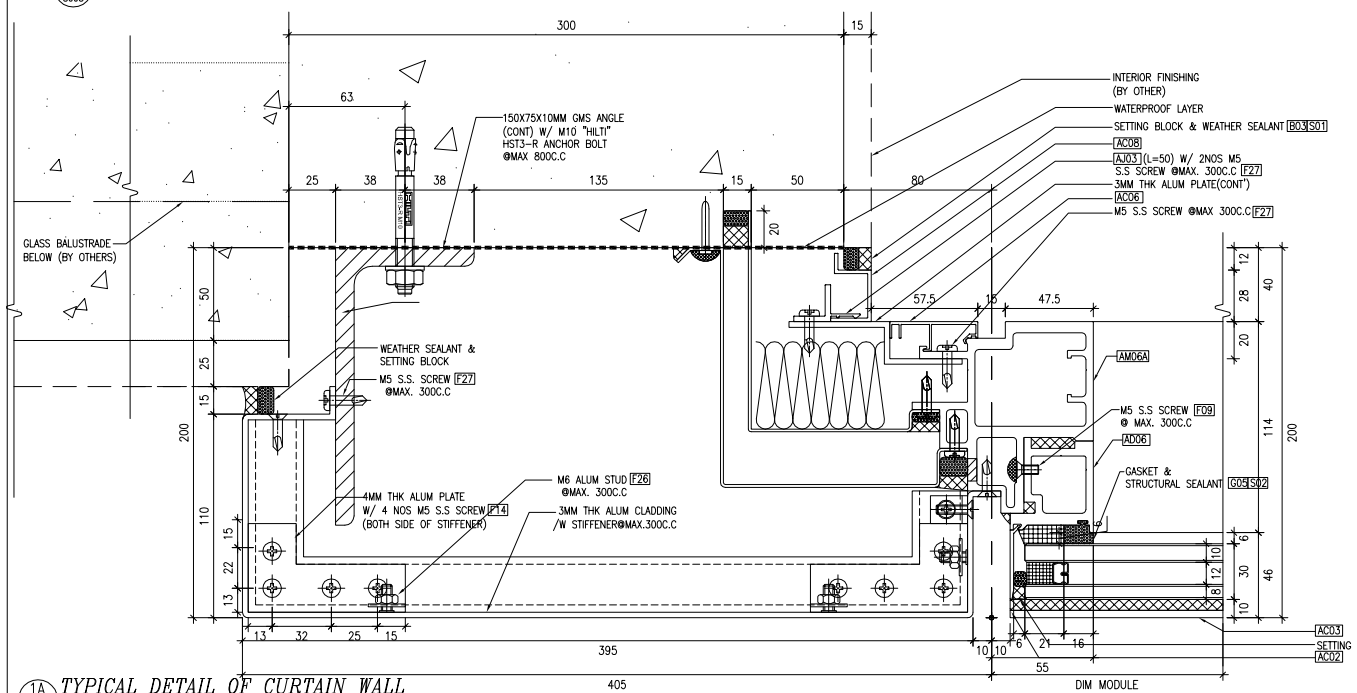
DWG NO. : J856-SD-CW-8007 | REV. : C



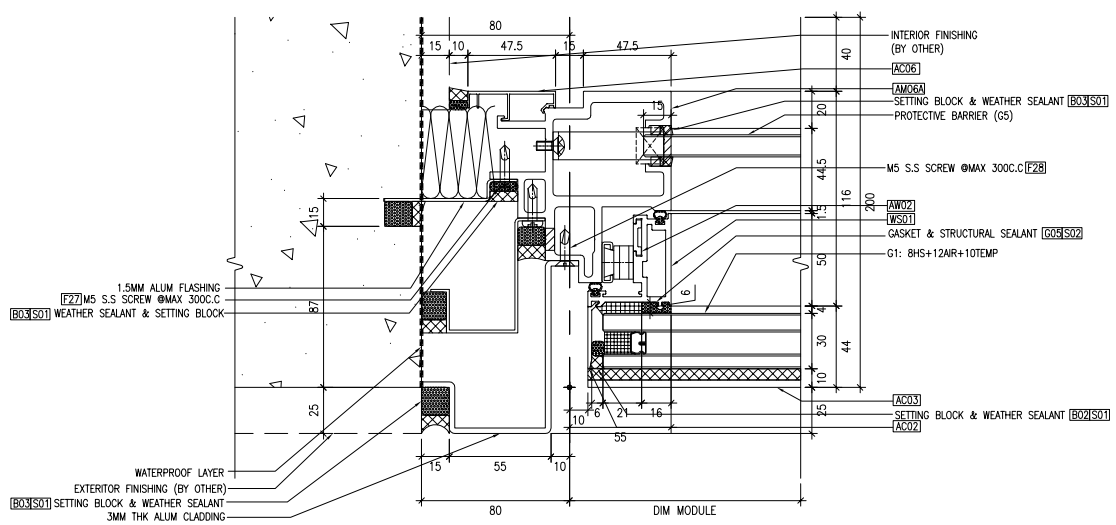
1 8008 *TYPICAL DETAIL OF CURTAIN WALL*



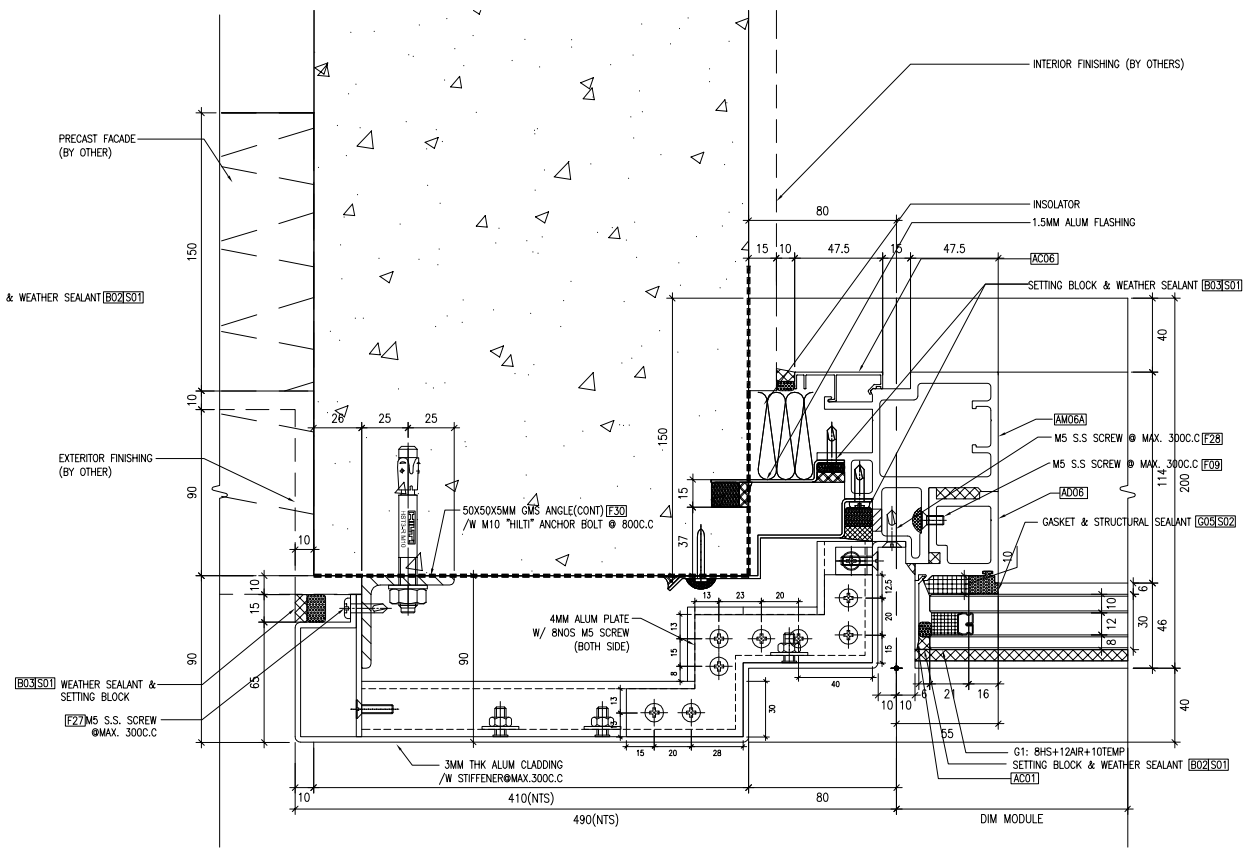
3 8008 *TYPICAL DETAIL OF CURTAIN WALL*



1A 8008 *TYPICAL DETAIL OF CURTAIN WALL*



2 8008 *TYPICAL DETAIL OF CURTAIN WALL*



3A 8008 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

#1: ALUM FLASHING OVERLAPPING REFER TO DWG: 3 / 8008A

NO.	DATE	REVISED	BY
D	30-MAY-2023	6TH SUBMISSION	CF
C	02-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
-	21-NOV-2022		CF

JOB NO. : J-856

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

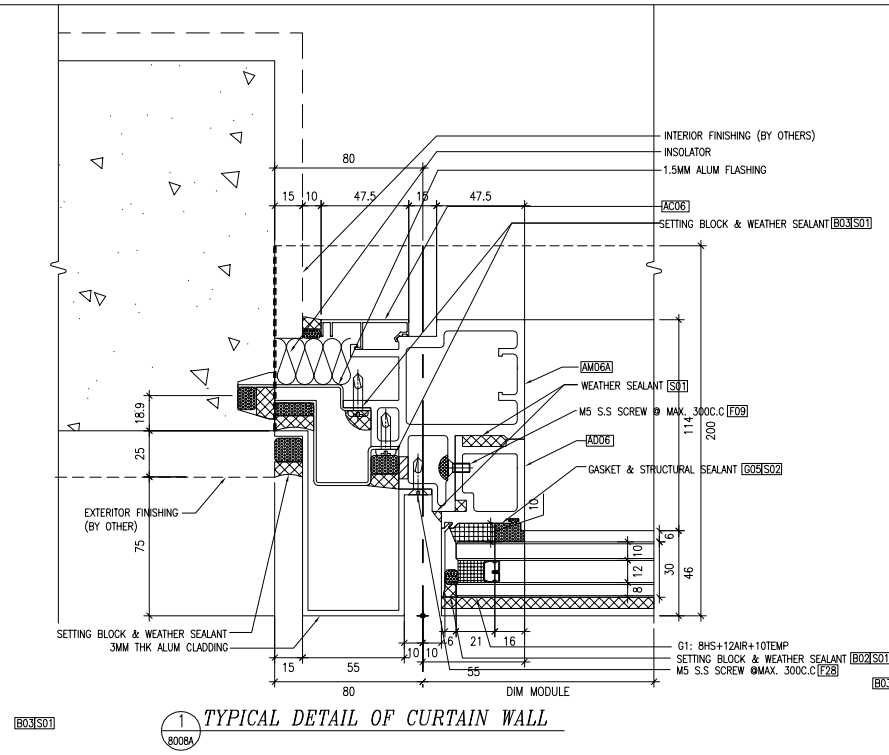
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

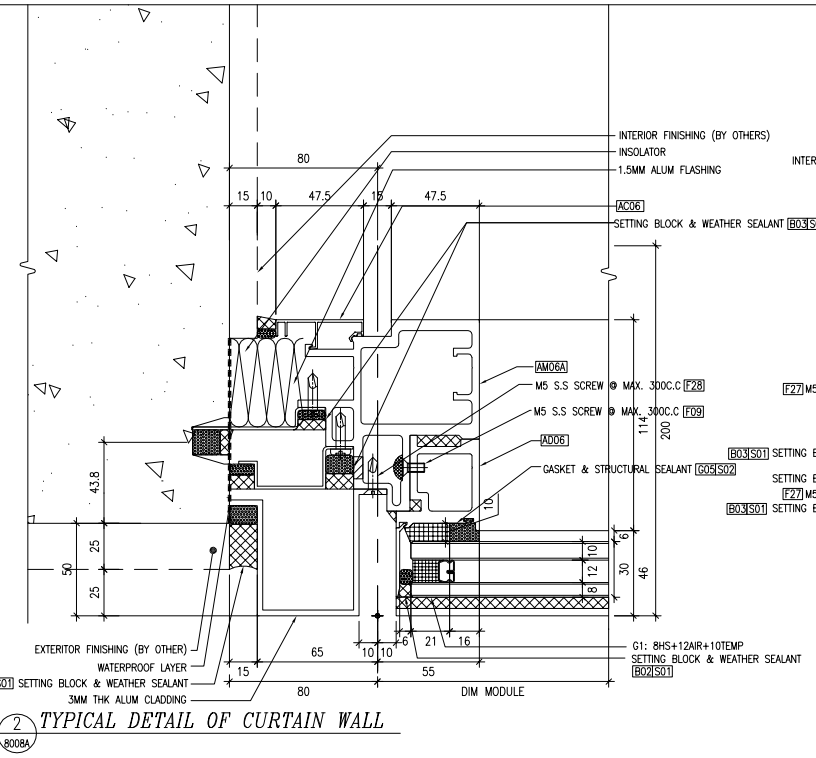
DRAWN BY : C.F | CHECKED BY :

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

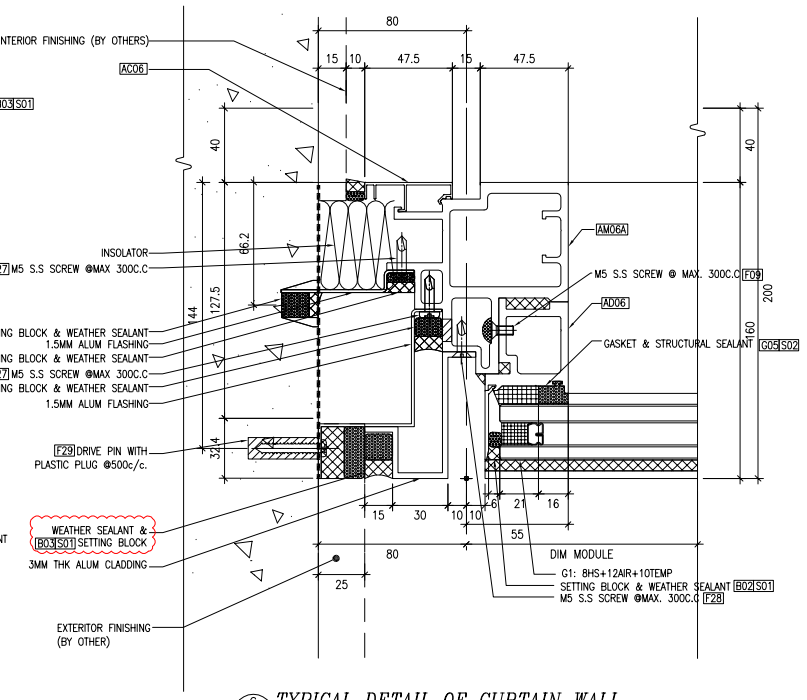
DWG NO. : J856-SD-CW-8008 | REV. : D



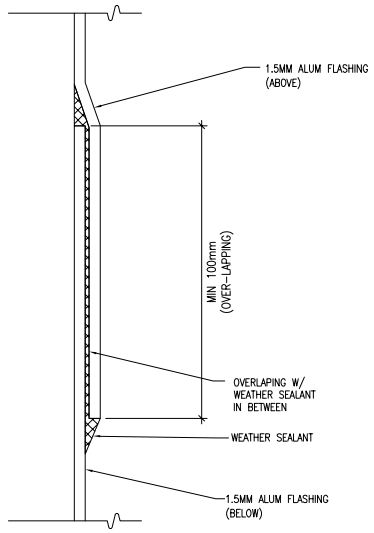
1 / 8008A *TYPICAL DETAIL OF CURTAIN WALL*



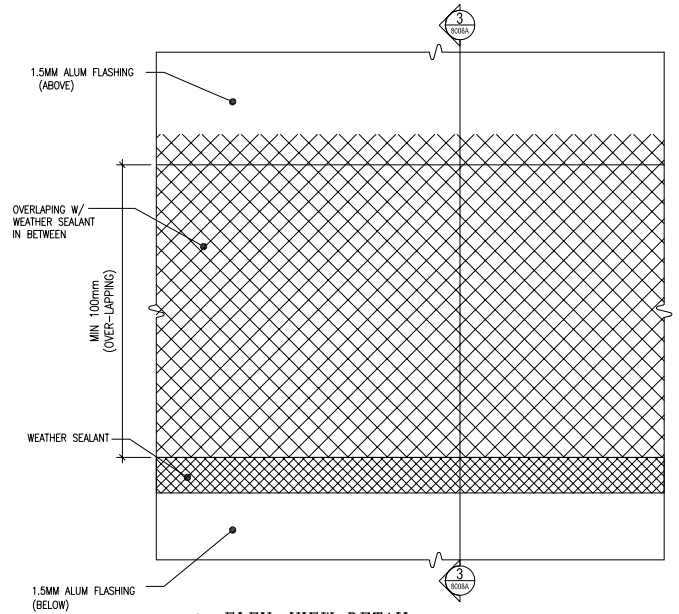
2 / 8008A *TYPICAL DETAIL OF CURTAIN WALL*



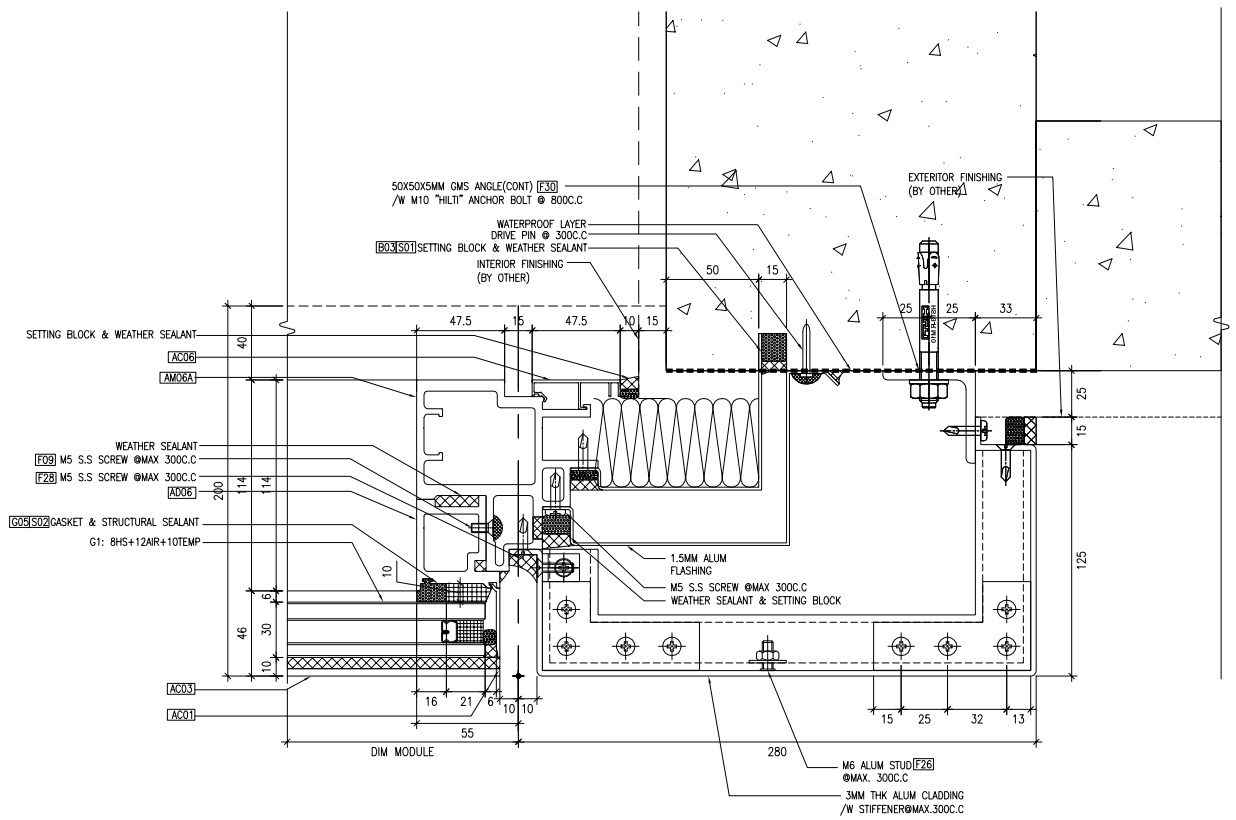
6 / 8008A *TYPICAL DETAIL OF CURTAIN WALL*



3 / 8008A *SECTION DETAIL*
1.5MM FLASHING (VERT.)



3A / 8008A *ELEV. VIEW DETAIL*
1.5MM FLASHING (VERT)



7 / 8008A *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
C	30-OCT-2023	9TH SUBMISSION	CF
B	02-MAY-2023	5TH SUBMISSION	CF
A	21-FEB-2023	4TH SUBMISSION	CF
–	13-JAN-2023	NEW DRAWING (3RD SUBMISSION)	CF

JOB NO. : J-856

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

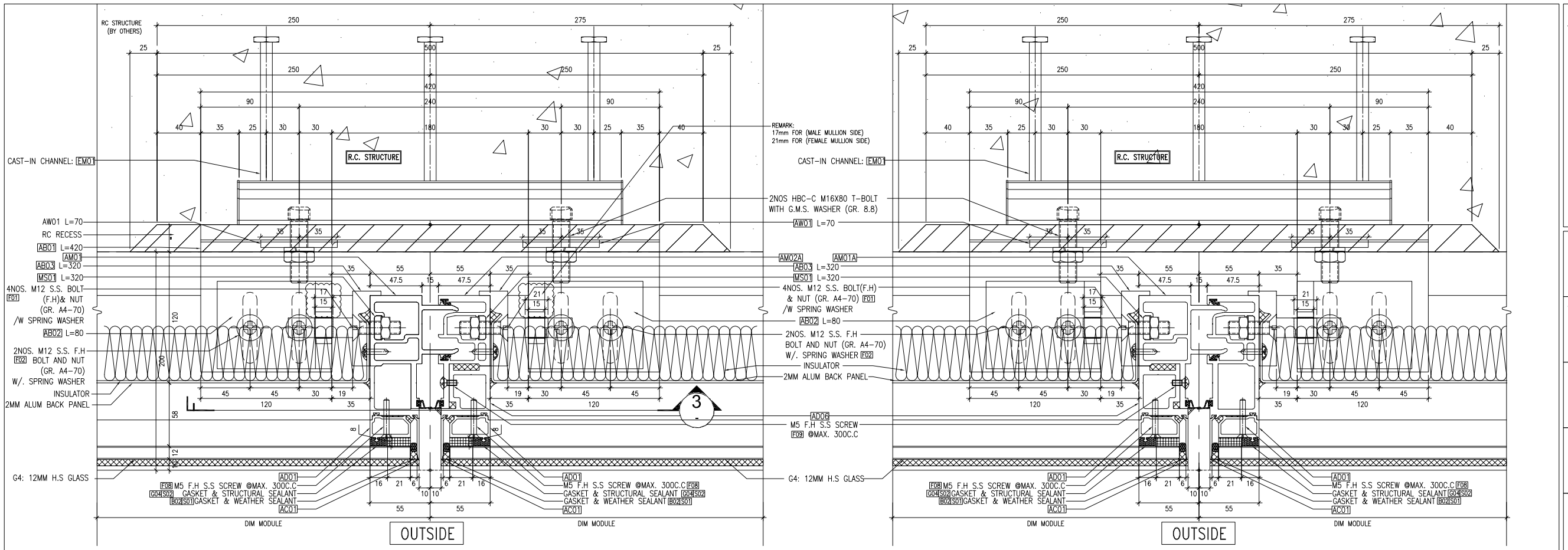
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

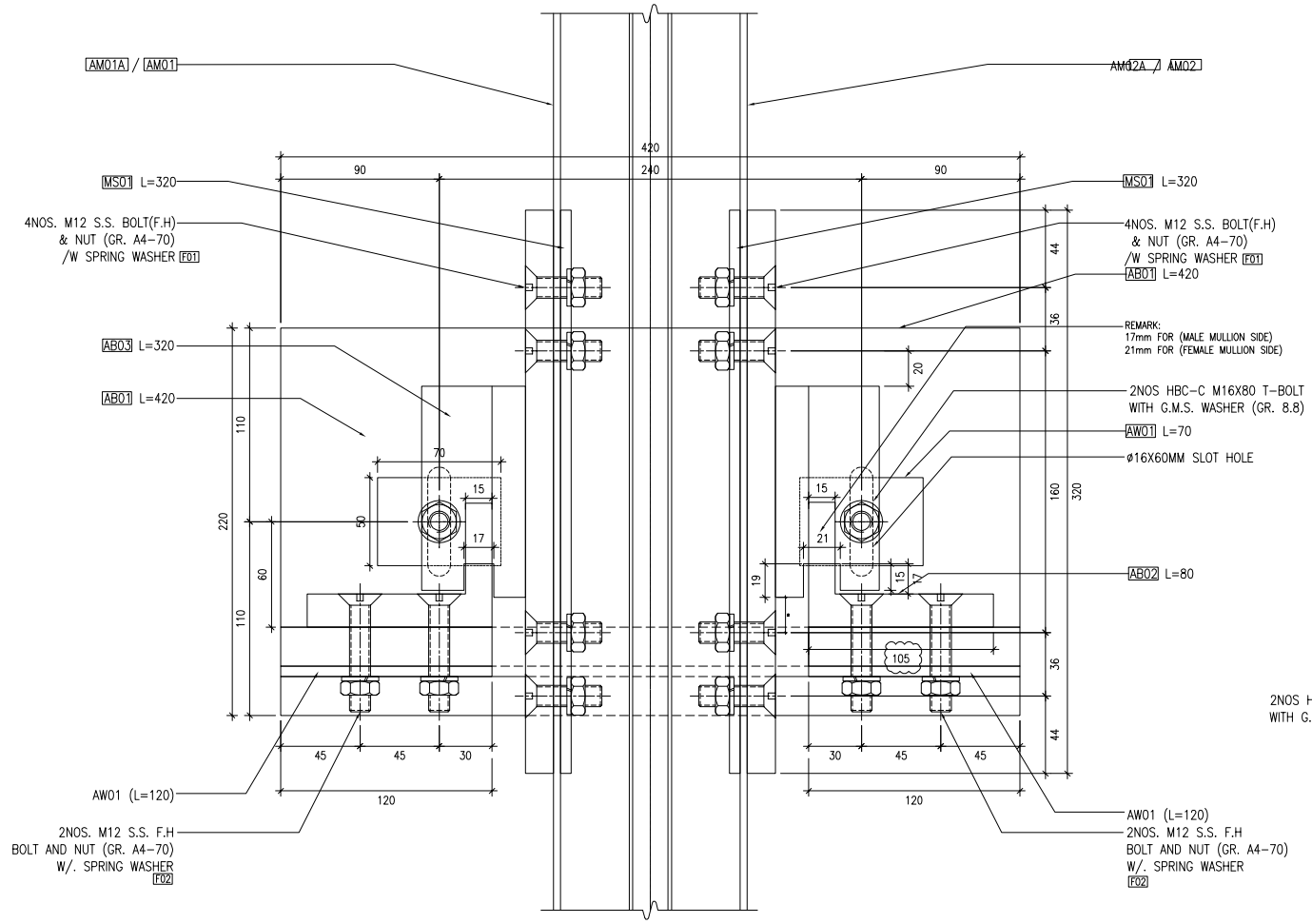
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8008A | REV. : C

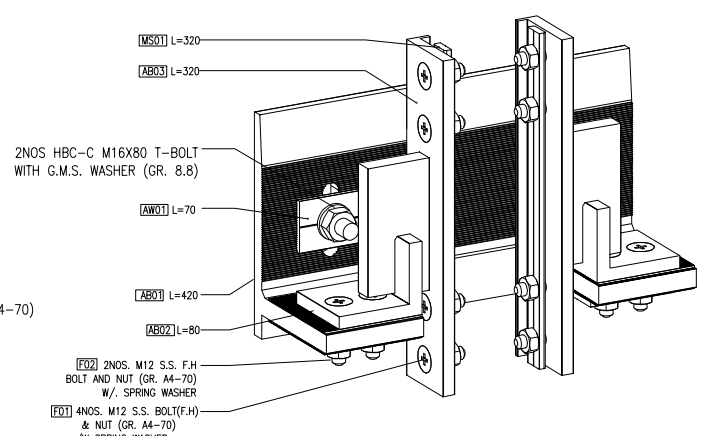


1 8009 *TYPICAL DETAIL OF CURTAIN WALL*

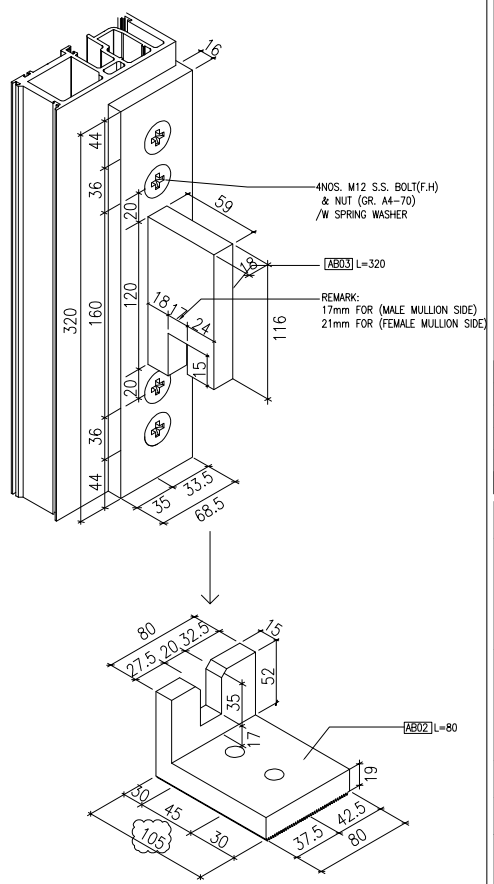
2 8009 *TYPICAL DETAIL OF CURTAIN WALL*



3 8009 *SECTION VIEW (FIXING)*



4 8009 *ISOMETRIC VIEW (FIXING)*



5 8009 *ISOMETRIC VIEW (FIXING)*

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

NO.	DATE	REVISED	BY
D	30-OCT-2023	9TH SUBMISSION	CF
C	02-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
–	21-NOV-2022		CF

JOB NO. : J-856

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

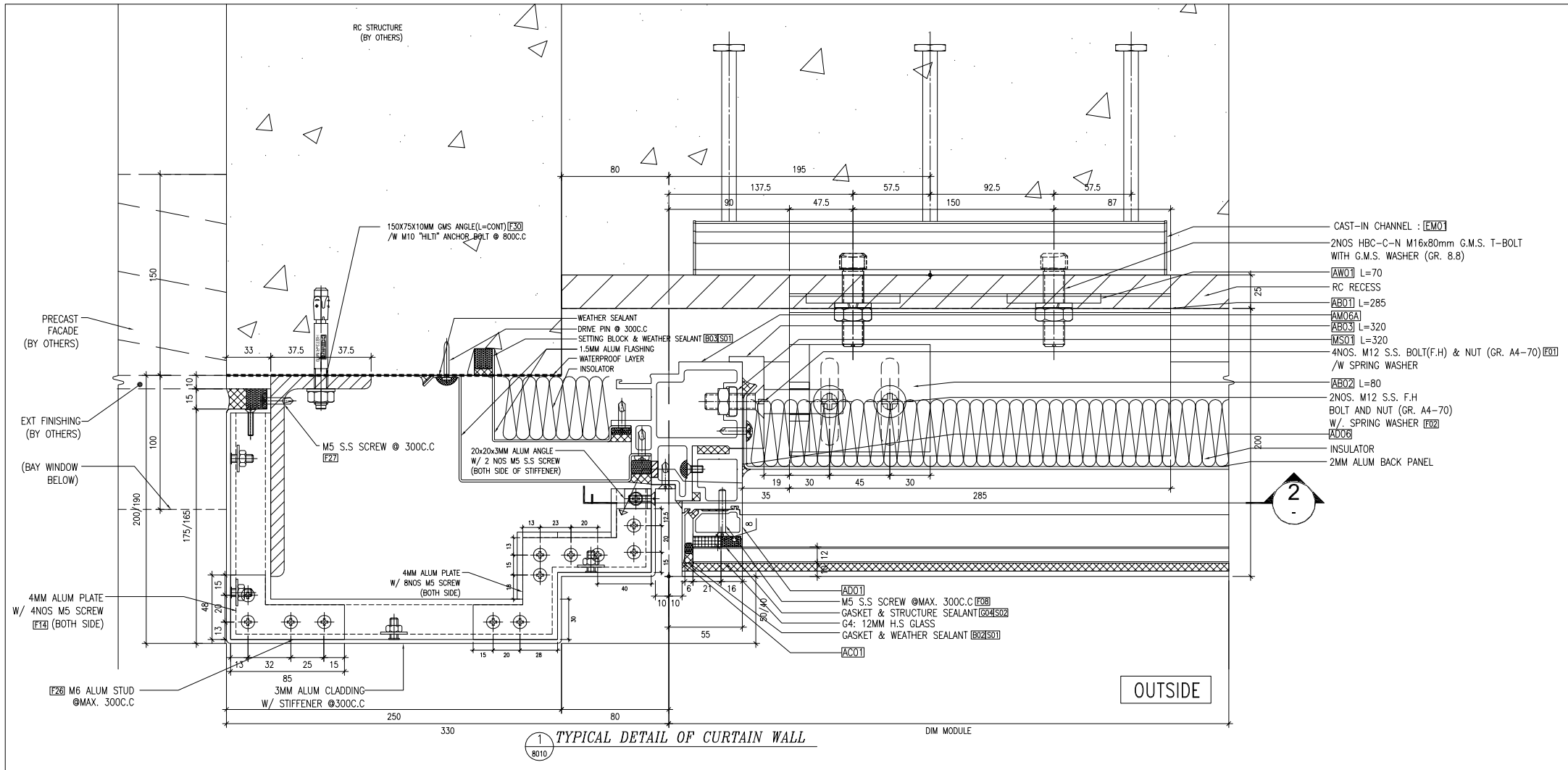
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

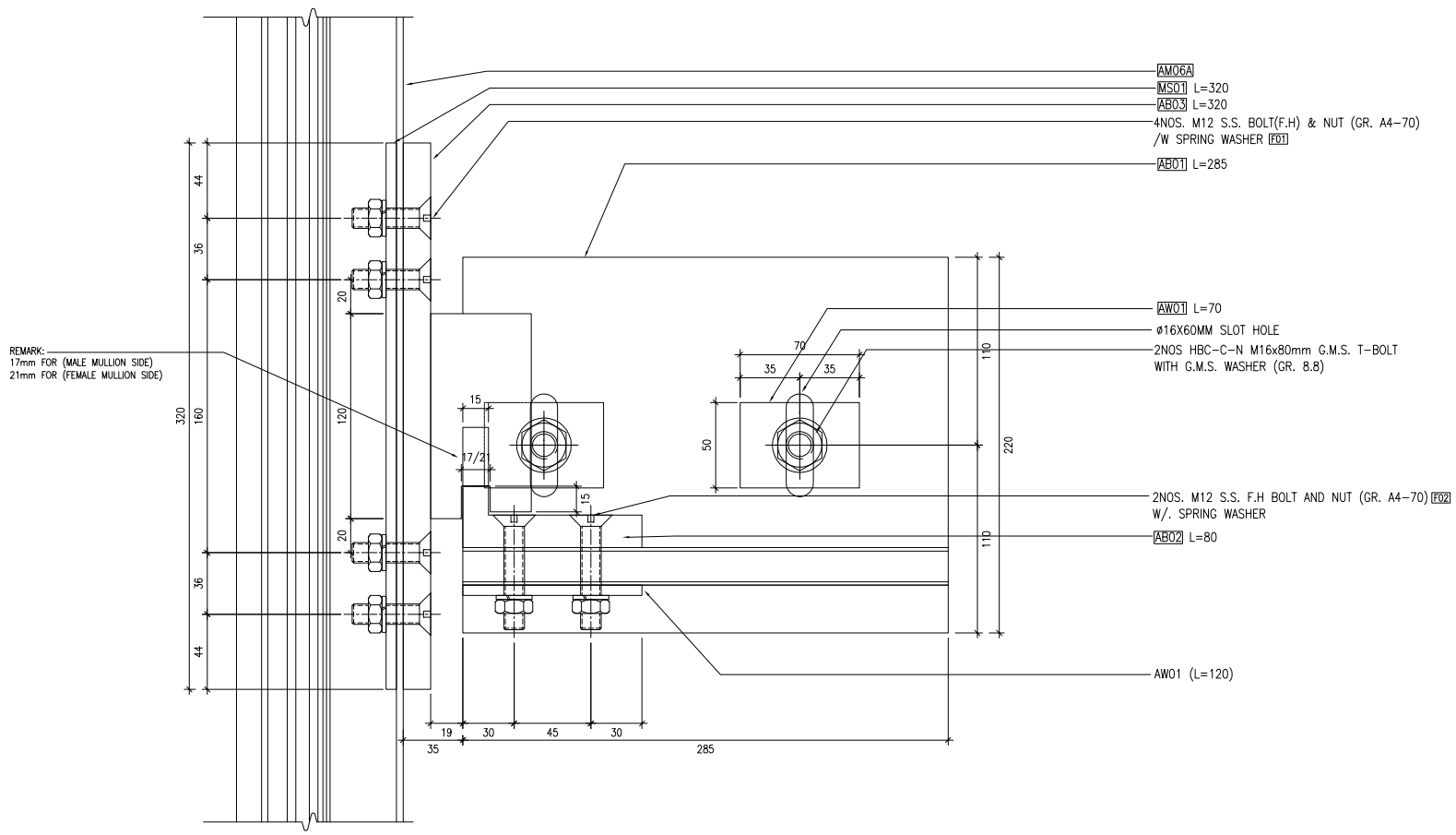
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8009 | REV. : D



1 / 8010 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8010 *SECTION VIEW (FIXING)*

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

#1: ALUM FLASHING OVERLAPPING
REFER TO DWG: 3 / 8008A

NO.	DATE	REVISED	BY
D	30-MAY-2023	6TH SUBMISSION	CF
C	02-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
–	21-NOV-2022		CF

JOB NO. : J-856

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

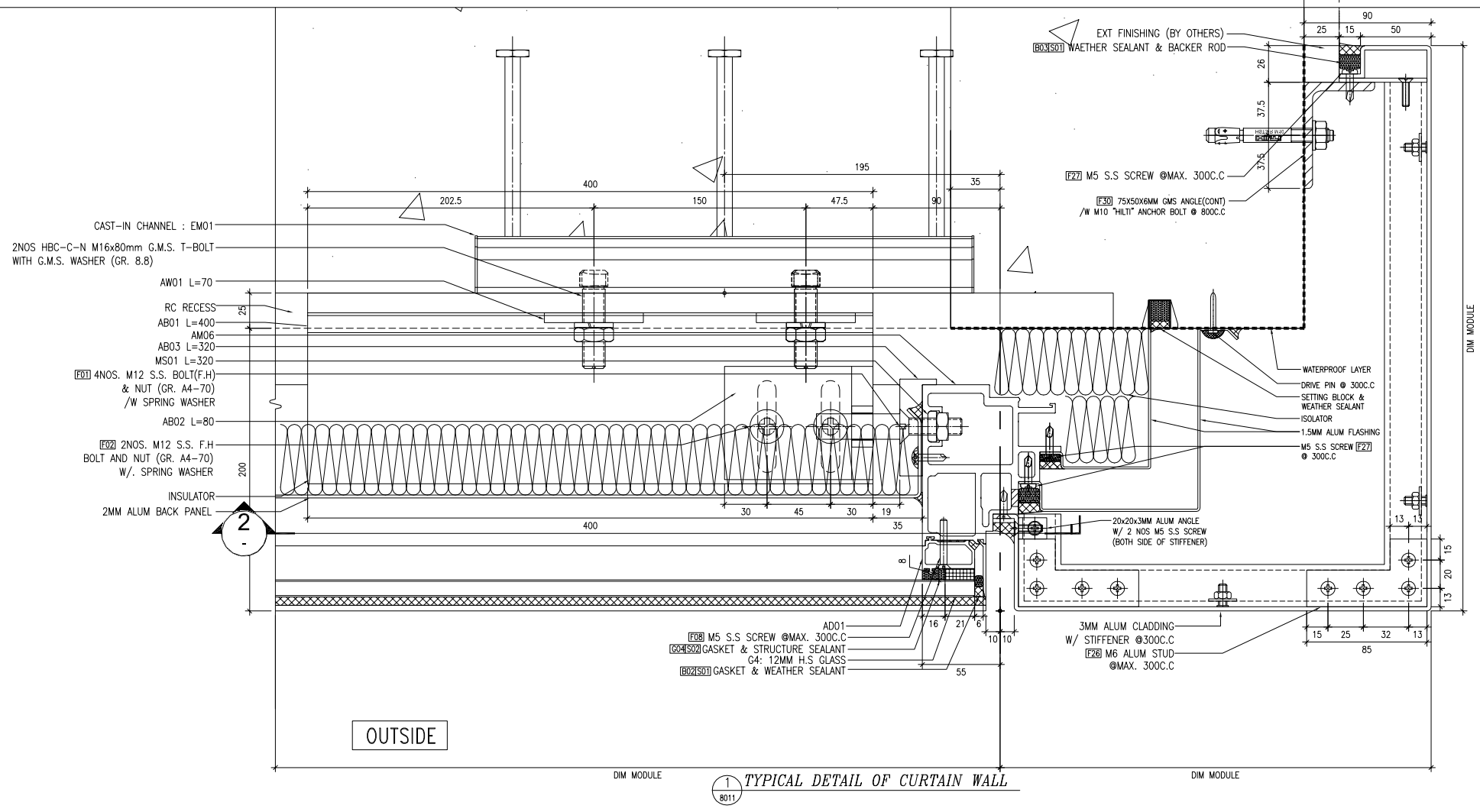
TITLE :
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DATE : 31-OCT-22 | SCALE : 1:4

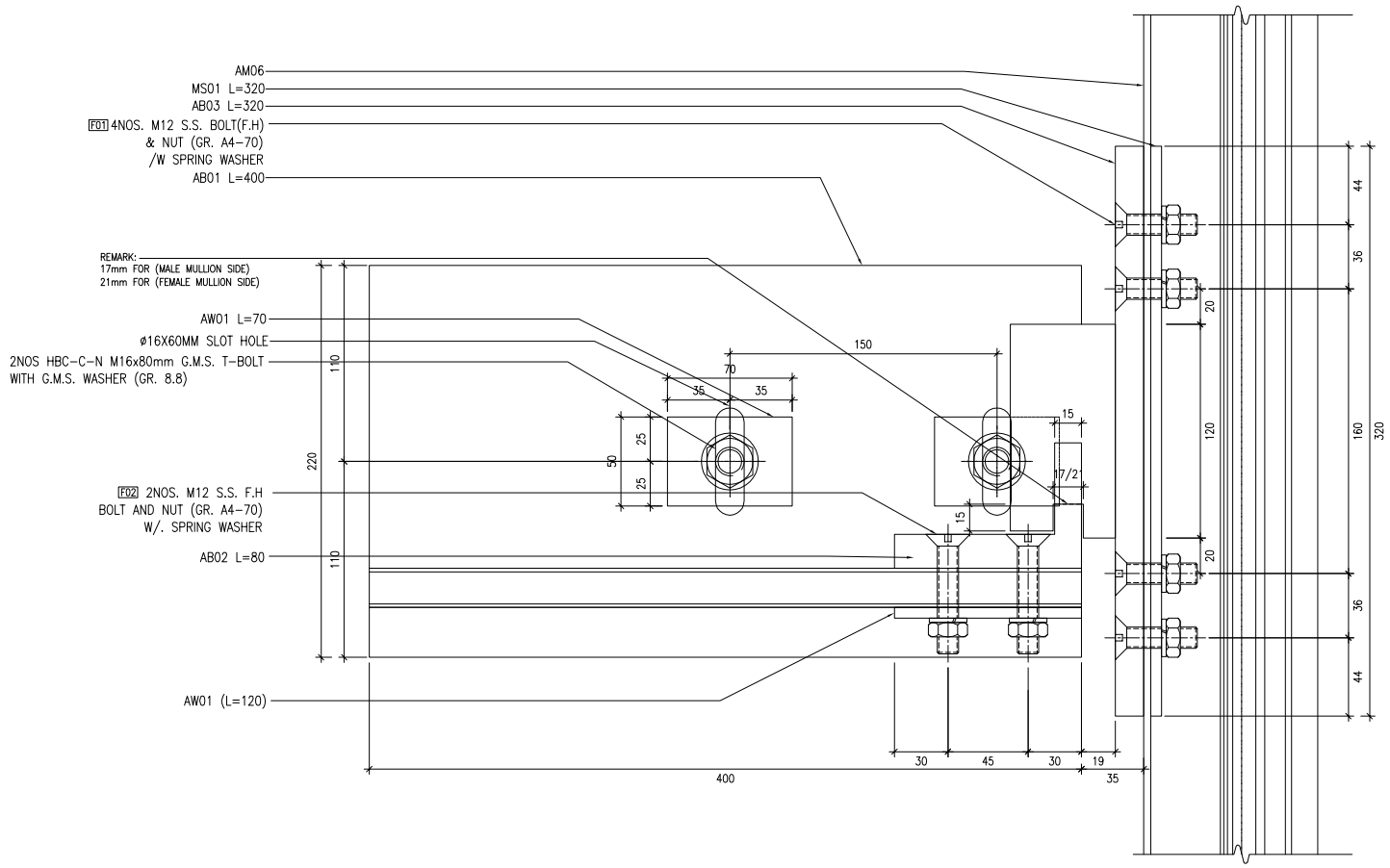
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8010 | REV. : D



1 / 8011 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8011 *SECTION VIEW (FIXING)*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
C	02-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
–	21-NOV-2022		CF

JOB NO. : J-856

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

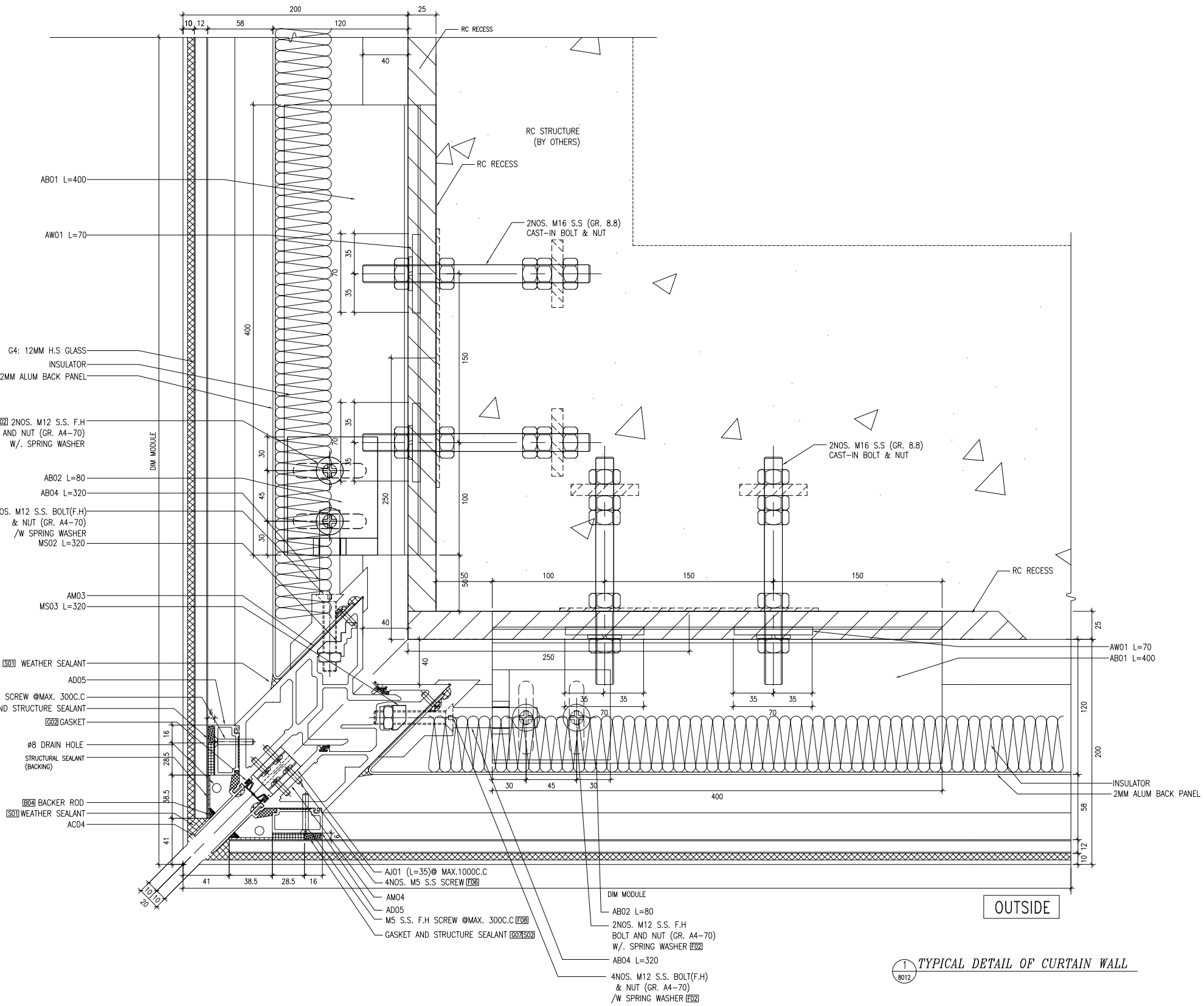
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8011 | REV. : C



1 / 8012 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
A	21-FEB-2023	4TH SUBMISSION	CF
–	30-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

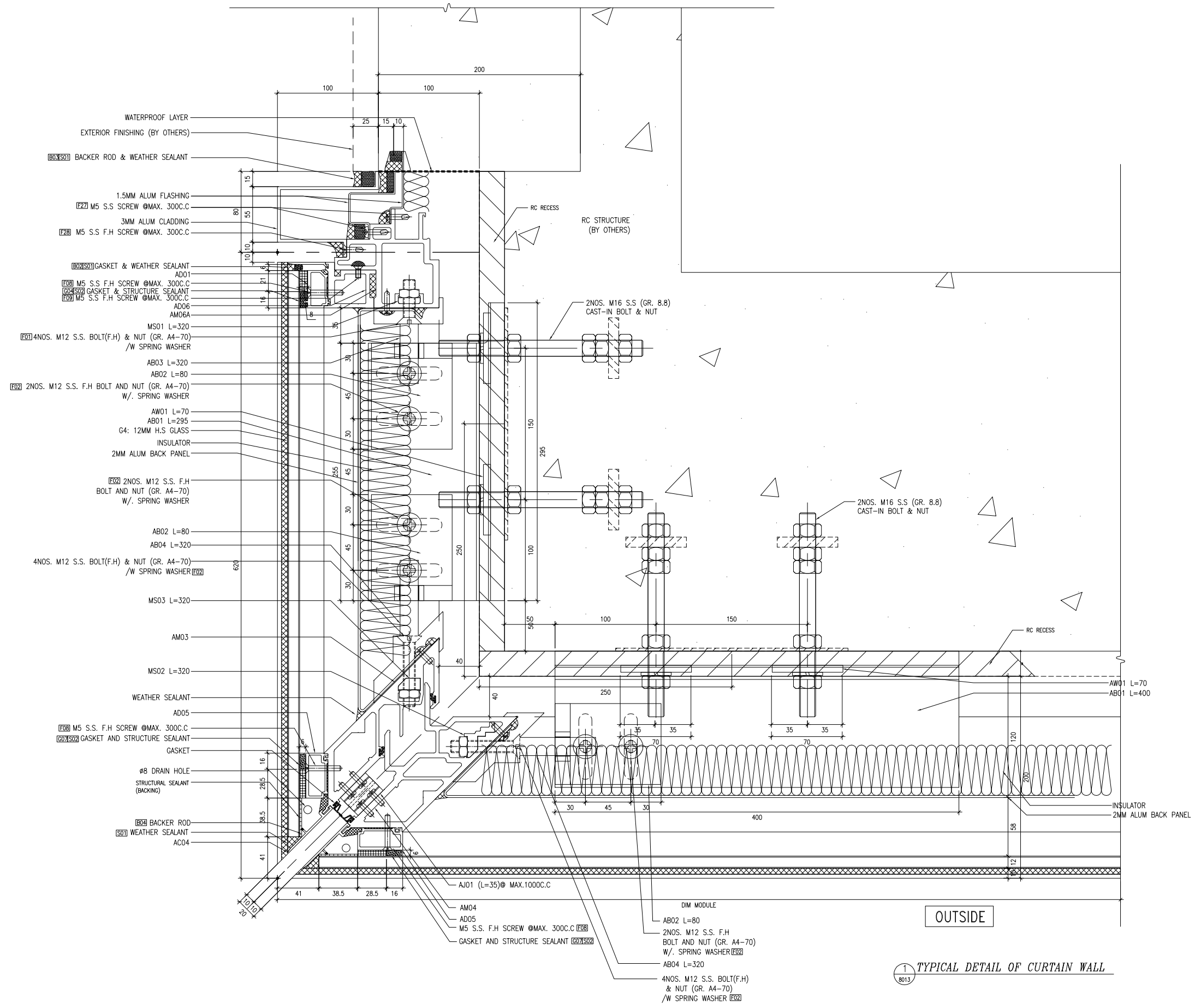
TITLE :
TYPICAL DETAIL
FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8012 | REV. : A



1/8013 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

#1: ALUM FLASHING OVERLAPPING
REFER TO DWG: 3/8008A

NO.	DATE	REVISED	BY
D	02-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
–	21-NOV-2022		CF

JOB NO. : J-856

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

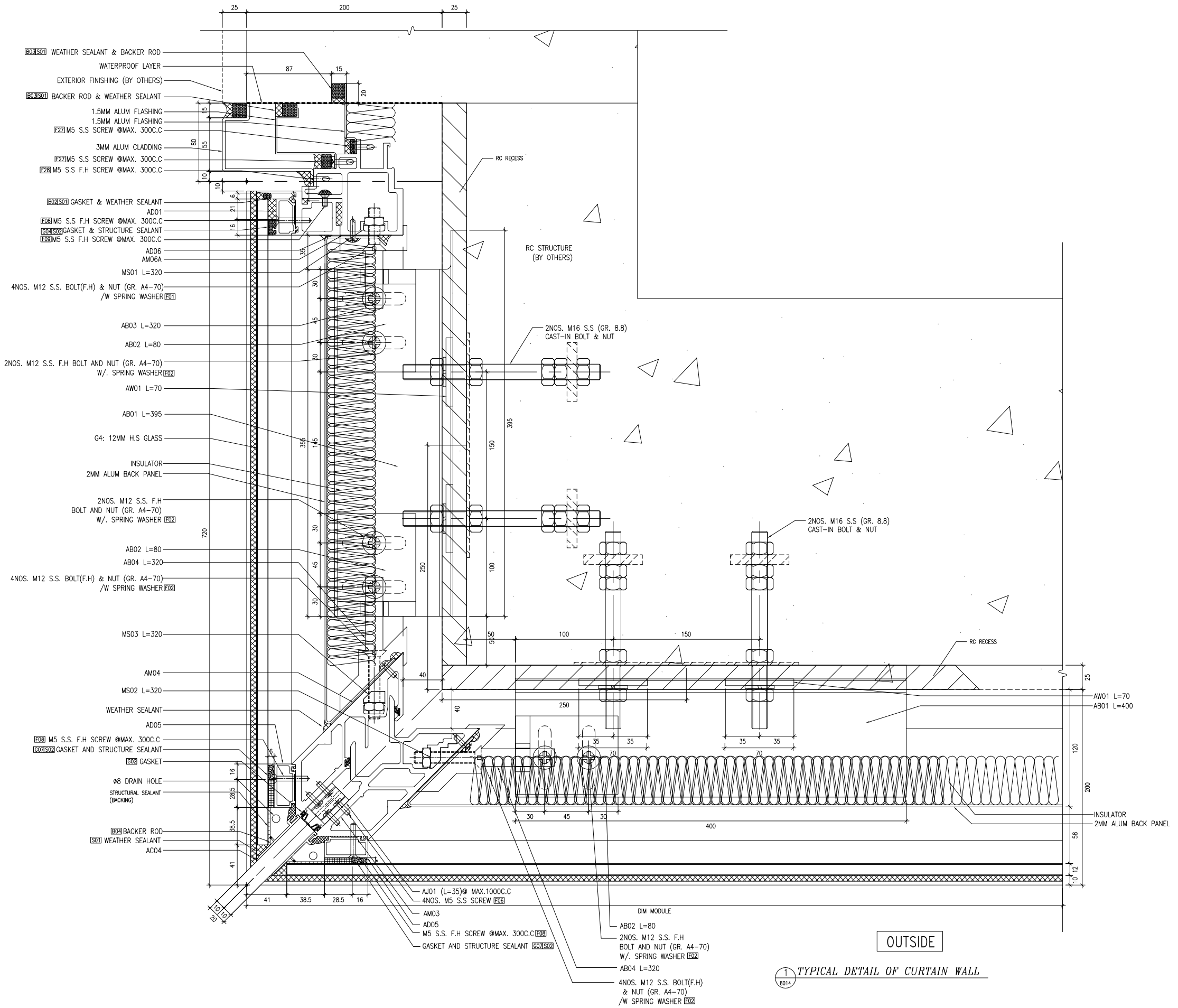
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8013 | REV. : B



1 8014 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

#1: ALUM FLASHING OVERLAPPING
REFER TO DWG: 3 8008A

NO.	DATE	REVISED	BY
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
–	21-NOV-2022		CF

JOB NO. : J-856

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

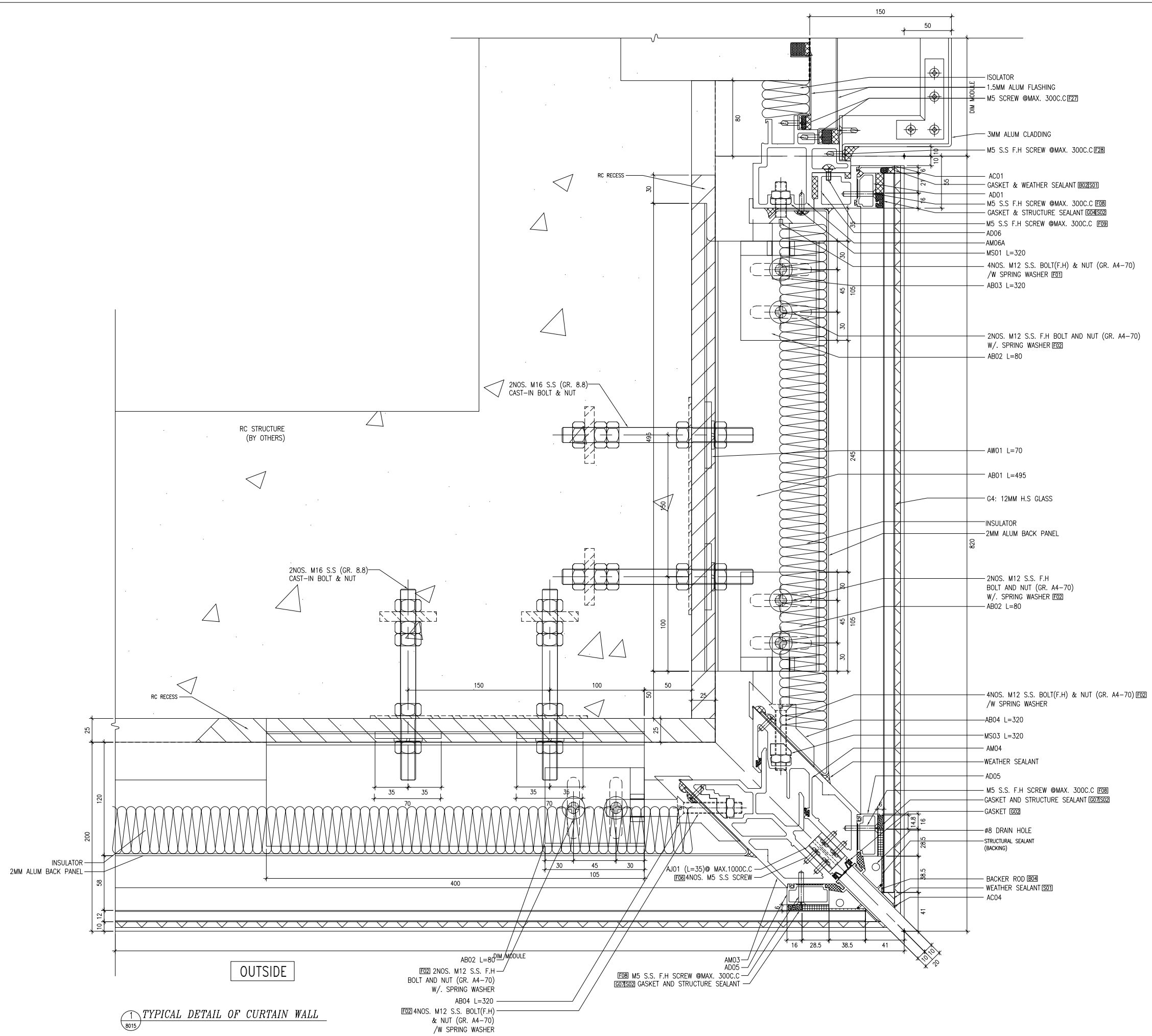
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8014 | REV. : B



1 / 8015 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
–	21-NOV-2022		CF

JOB NO. : J-856

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

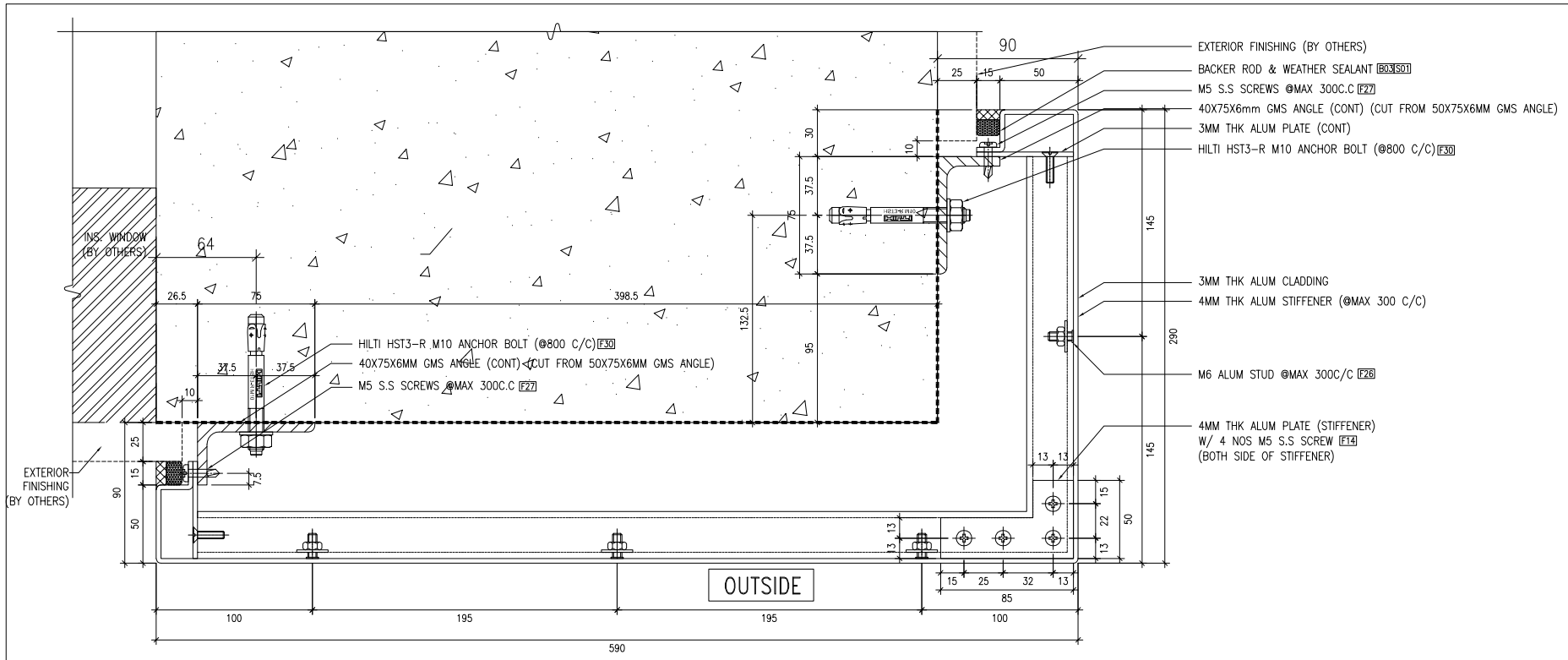
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

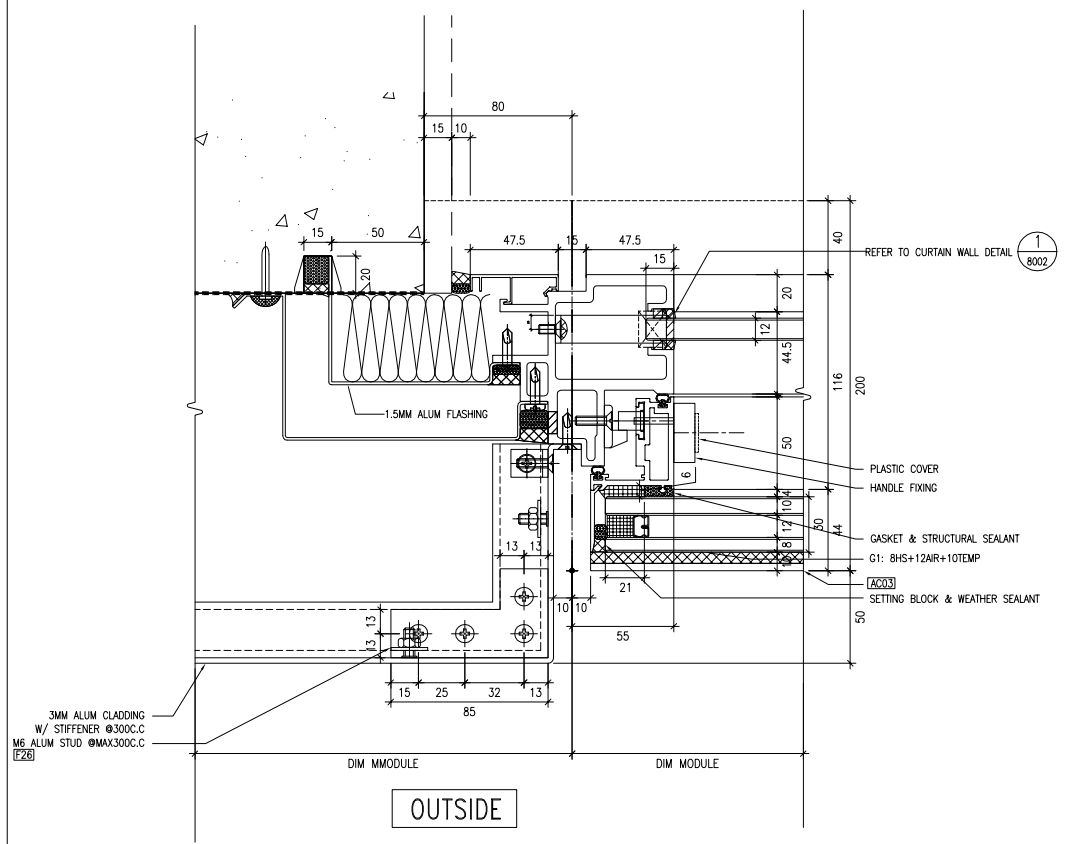
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8015 | REV. : B



1 8020 *PLAN DETAIL*
ALUM. CLADDING



2 8020 *PLAN DETAIL*
MAINTENANCE WINDOW

MAINTENANCE WINDOW FOR:
T1 FLAT A8 3/F TO 26/F ONLY
T3 FLAT B11 7/F TO 10/F ONLY

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

NO.	DATE	REVISED	BY
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3RD SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
–	21-NOV-2022		CF

JOB NO. : J-856

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

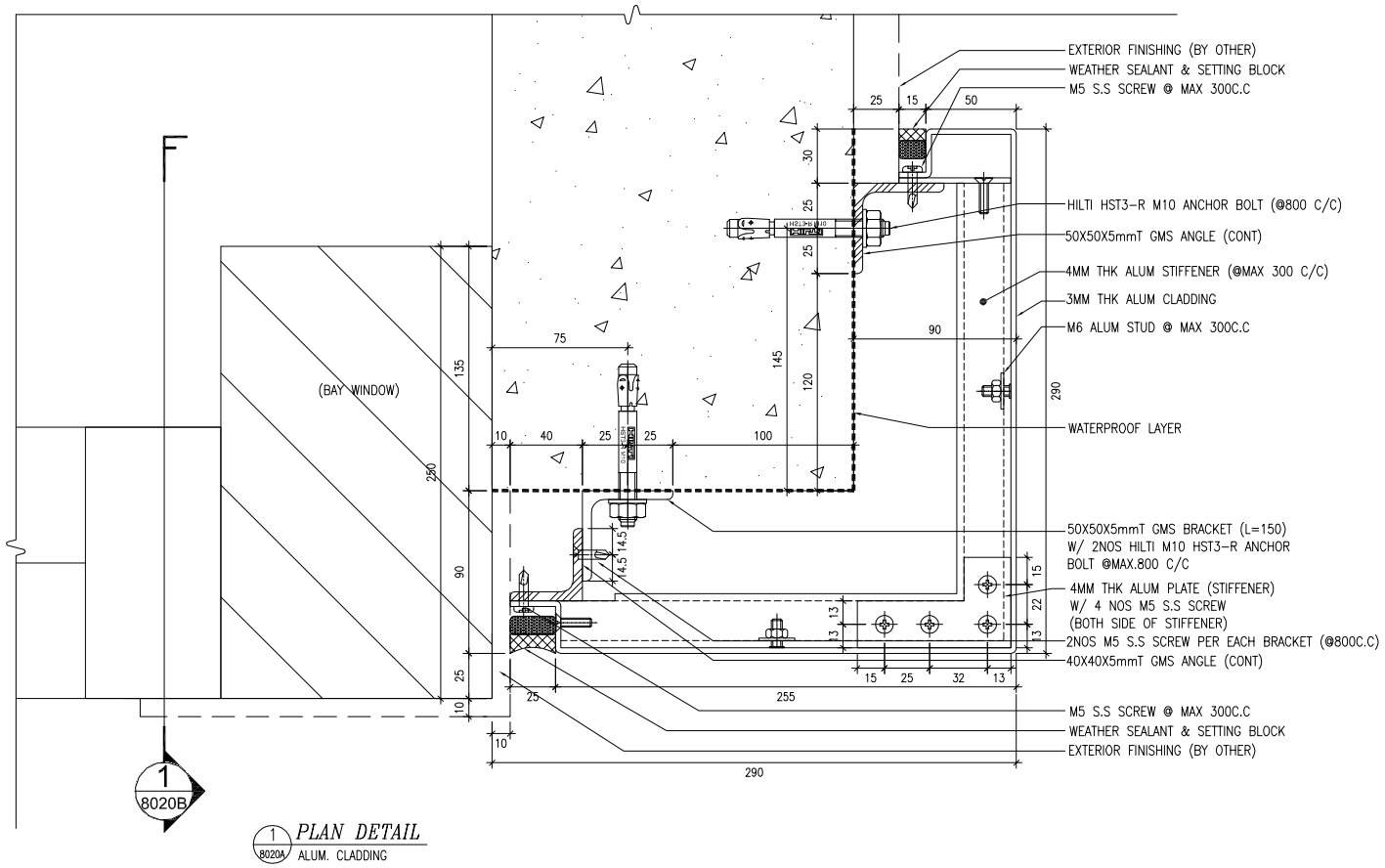
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

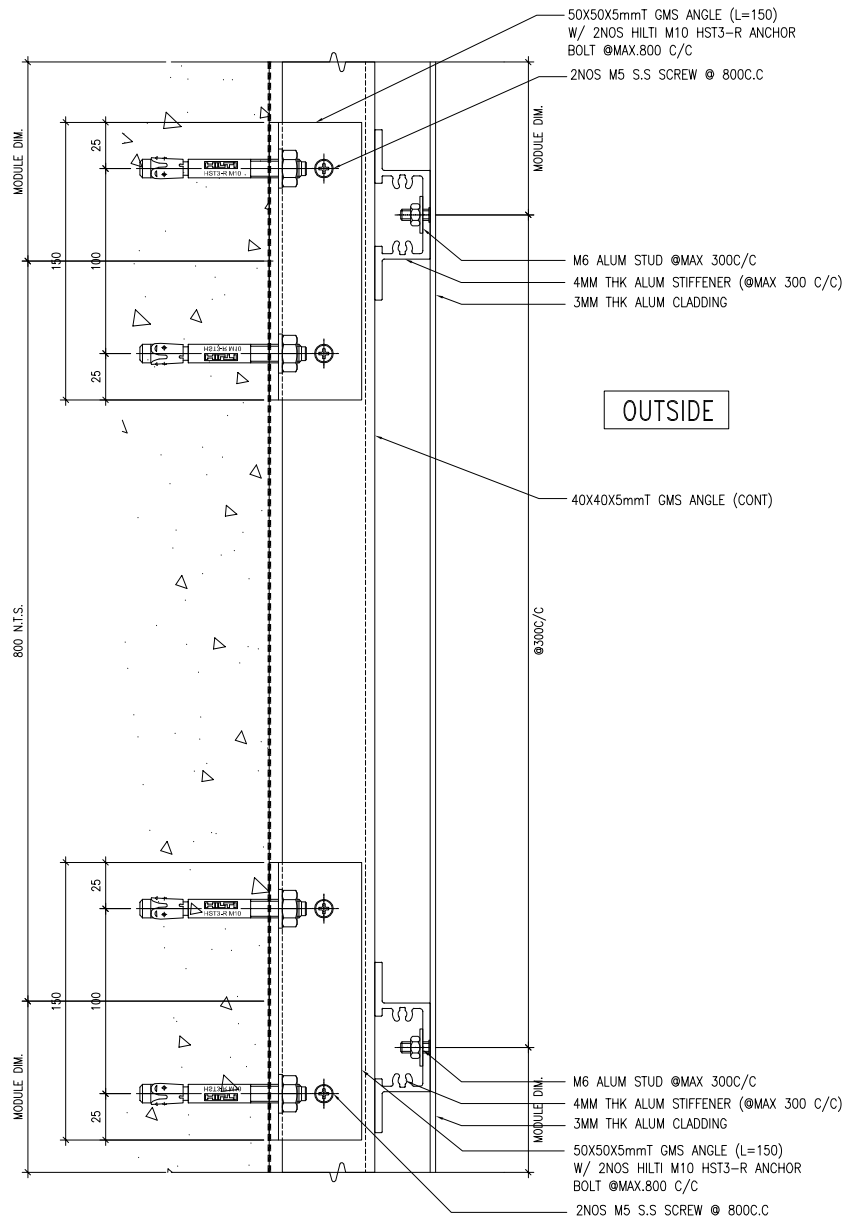
DRAWN BY : C.F | CHECKED BY :

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

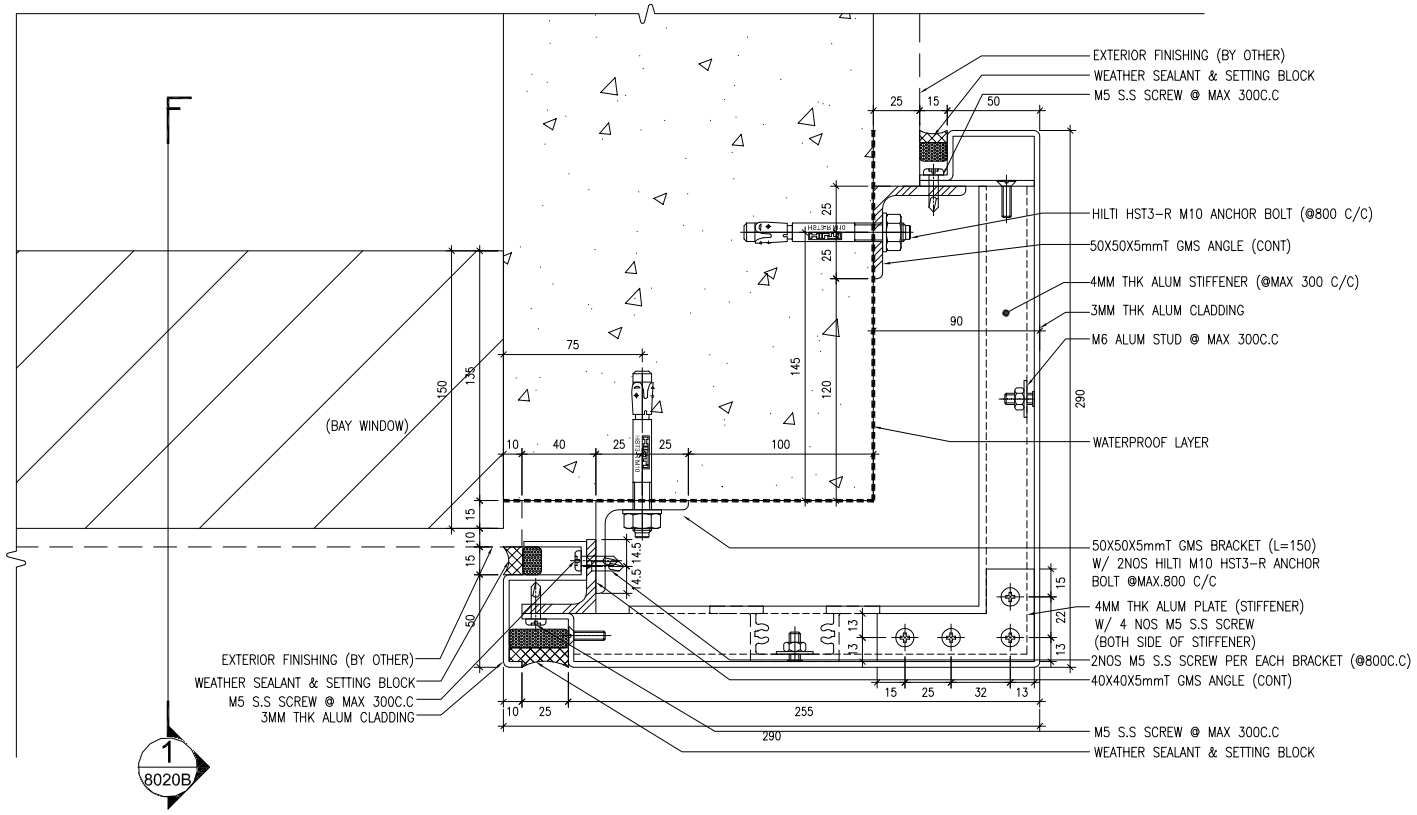
DWG NO. : J856-SD-CW-8020 | REV. : C



1 8020A *PLAN DETAIL*
ALUM. CLADDING



3 8020A *SECTION DETAIL*
ALUM. CLADDING



2 8020A *PLAN DETAIL*
ALUM. CLADDING

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

NO.	DATE	REVISED	BY
A	21-FEB-2023	4TH SUBMISSION	
–	13-JAN-2023	NEW DRAWING (3RD SUBMISSION)	CF

JOB NO. : J-856

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

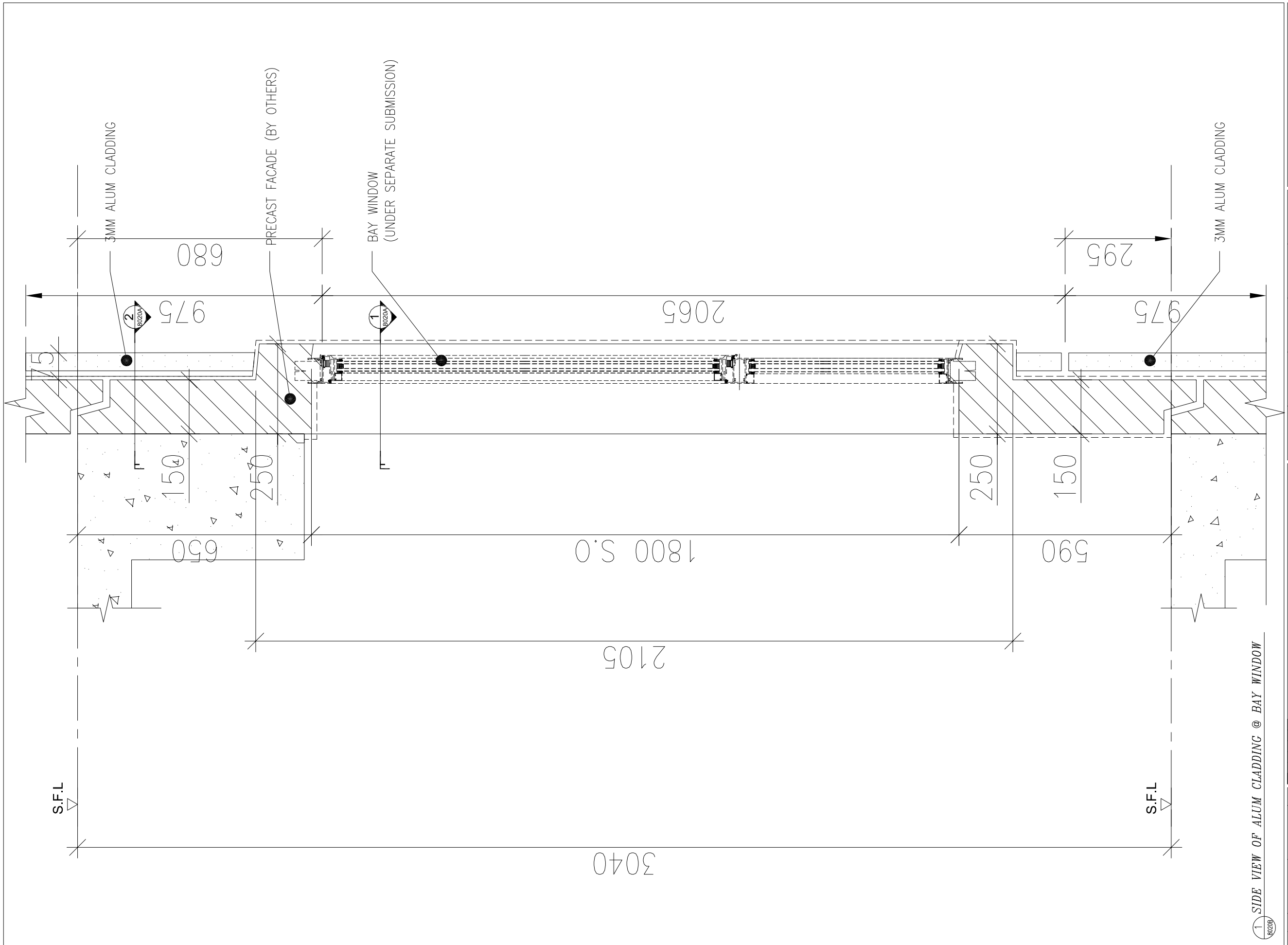
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

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610 Cha Kwo Ling Road, Kowloon
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DWG NO. : J856-SD-CW-8020A | REV. : A



1 SIDE VIEW OF ALUM CLADDING @ BAY WINDOW 8020B

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

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ARUP

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NO.	DATE	REVISED	BY
–	13-JAN-2023	NEW DRAWING (3RD SUBMISSION)	CF

JOB NO. : J-856

PROJECT :
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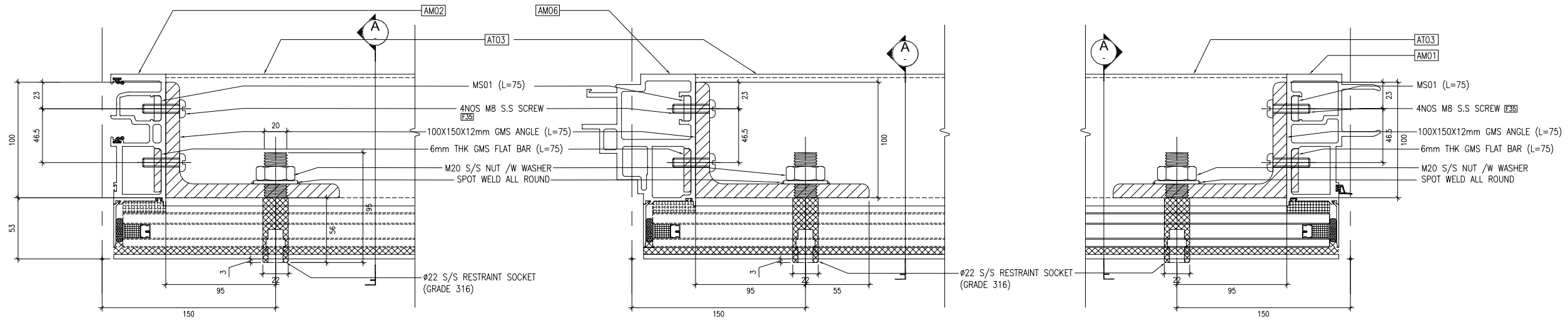
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 11-JAN-23 | SCALE : 1:10

DRAWN BY : C.F | CHECKED BY :

美特鋁質有限公司
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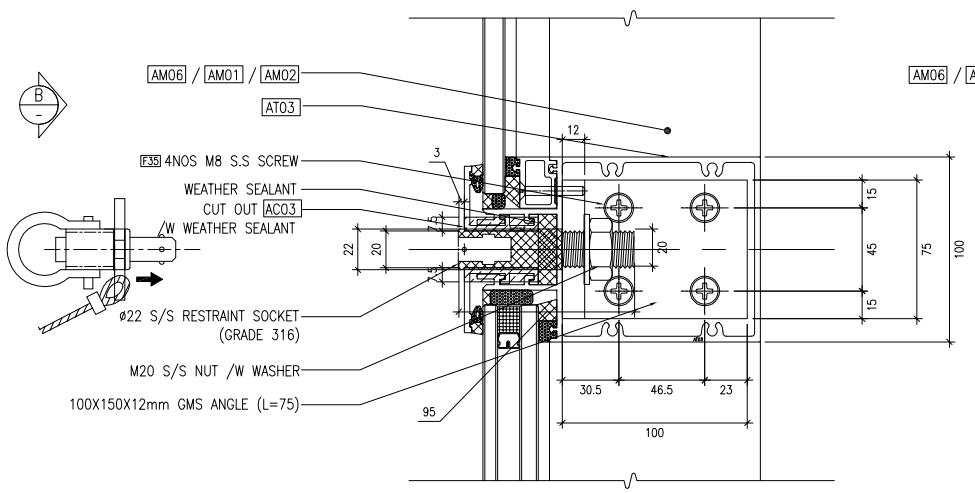
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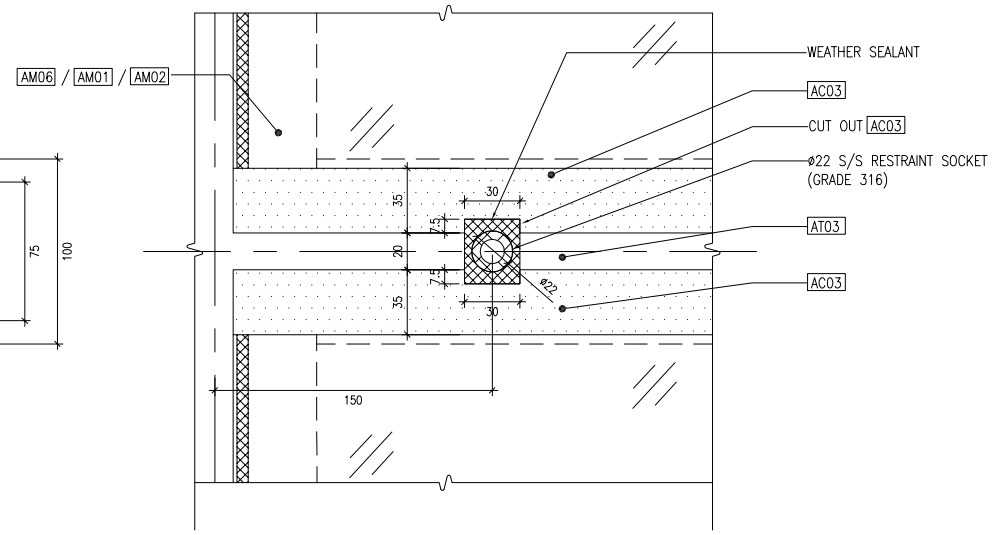
1 8021 *TYPICAL DETAIL OF CURTAIN WALL*
RESTRAINT SOCKET @ FIX WINDOW (APPLY ON AM02)

2 8021 *TYPICAL DETAIL OF CURTAIN WALL*
RESTRAINT SOCKET @ FIX WINDOW (APPLY ON AM06)

3 8021 *TYPICAL DETAIL OF CURTAIN WALL*
RESTRAINT SOCKET @ FIX WINDOW (APPLY ON AM01)



A *TYPICAL DETAIL OF CURTAIN WALL*
RESTRAINT SOCKET @ FIX WINDOW (SECTION VIEW)



B *TYPICAL DETAIL OF CURTAIN WALL*
RESTRAINT SOCKET @ FIX WINDOW (ELEV VIEW)

B.D. REF :

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42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

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

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JOB NO. : J-856

PROJECT :
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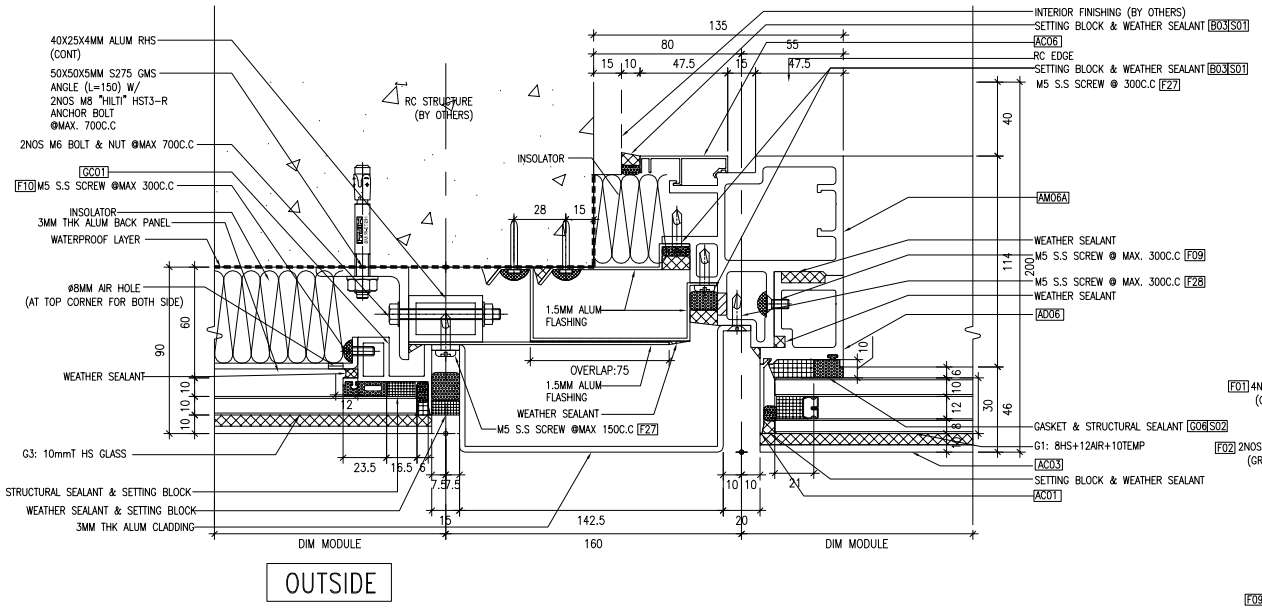
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

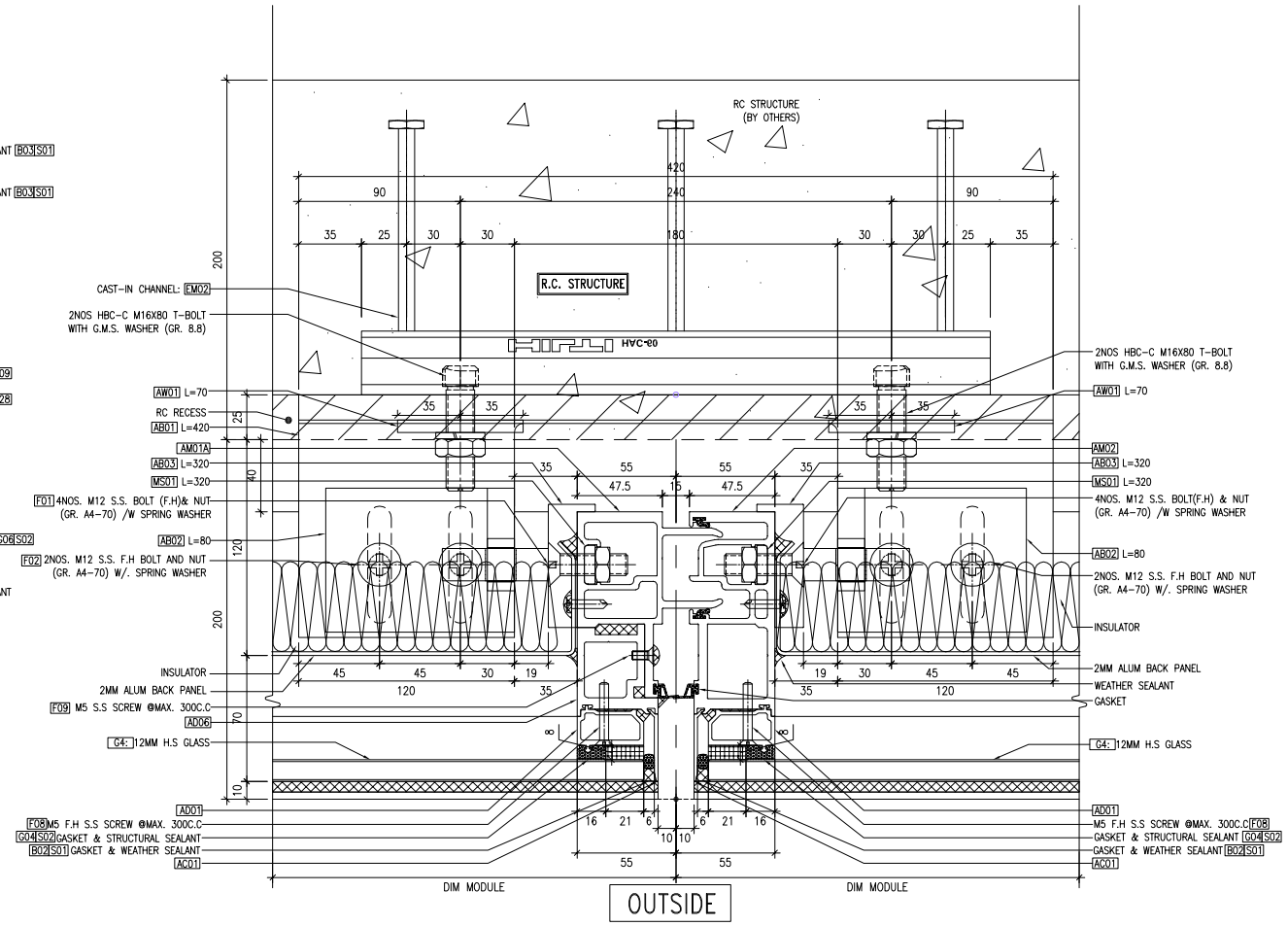
DRAWN BY : C.F | CHECKED BY :

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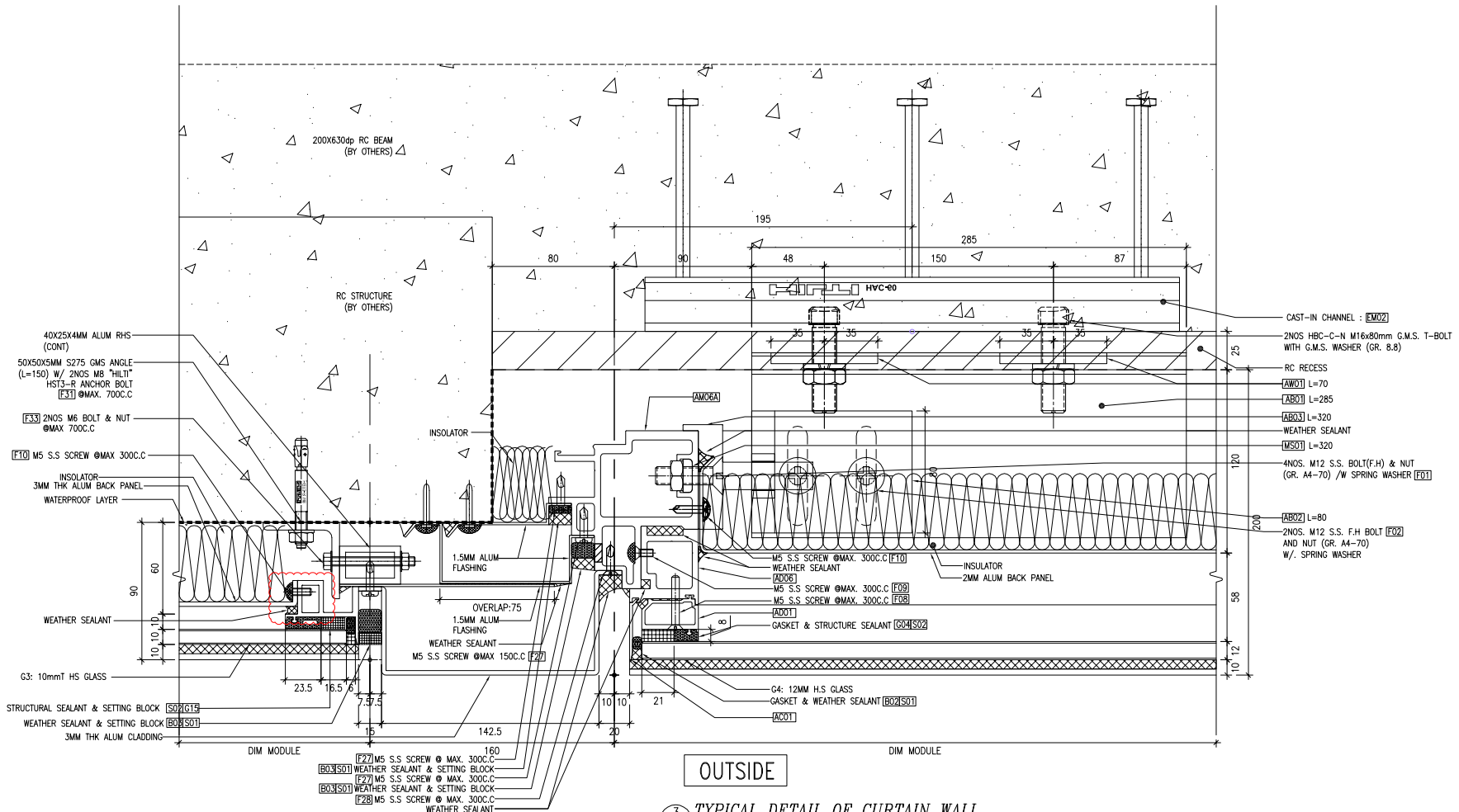
DWG NO. : J856-SD-CW-8021 | REV. : B



1 8022 *TYPICAL DETAIL OF CURTAIN WALL*



2 8022 *TYPICAL DETAIL OF CURTAIN WALL*



3 8022 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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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.

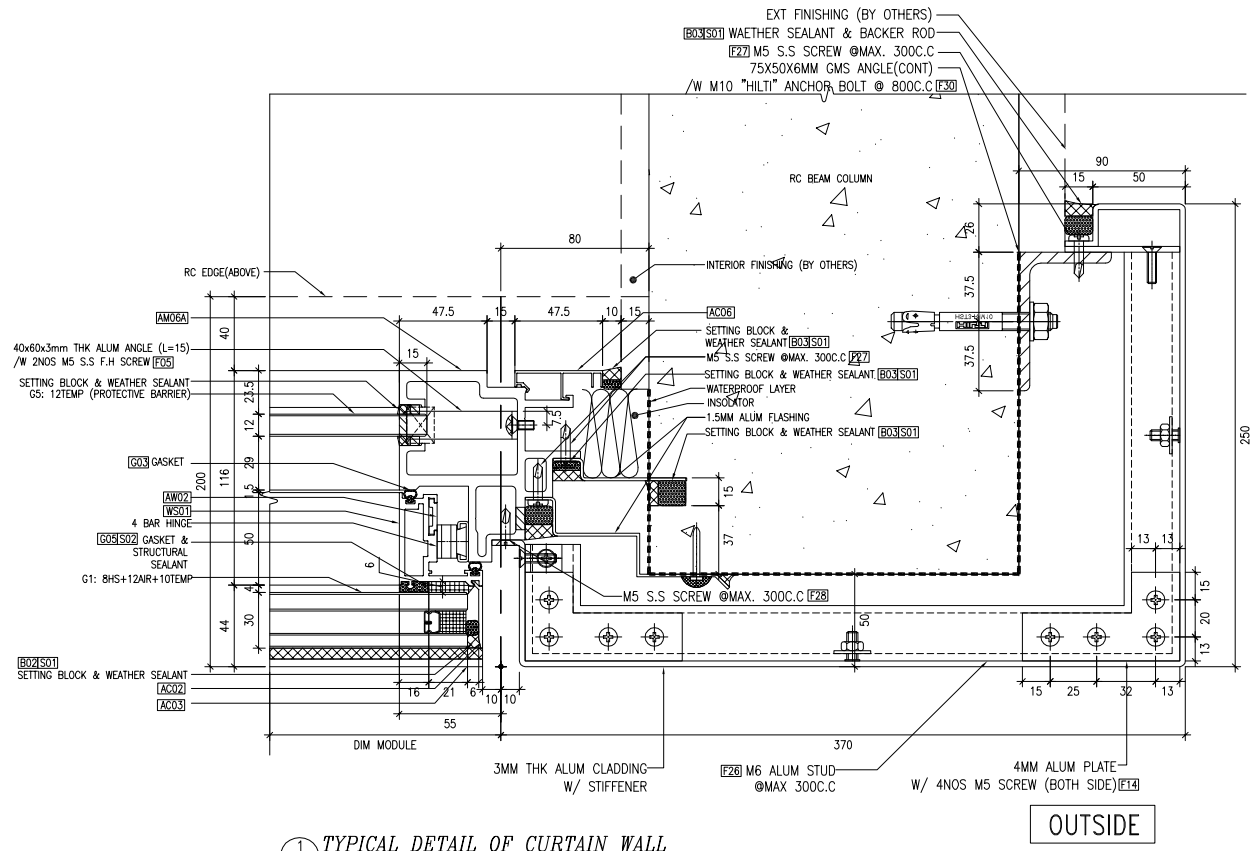
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

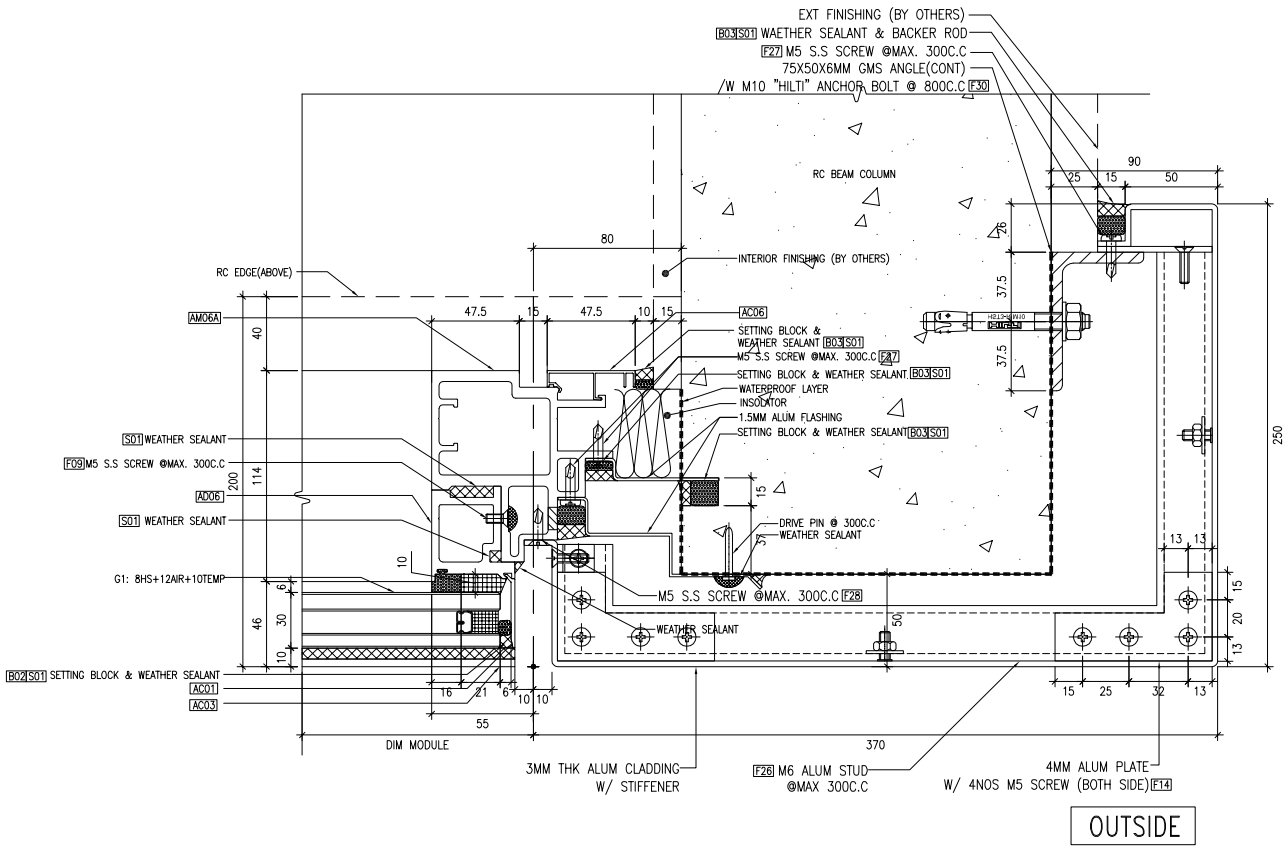
DRAWN BY : C.F | CHECKED BY :

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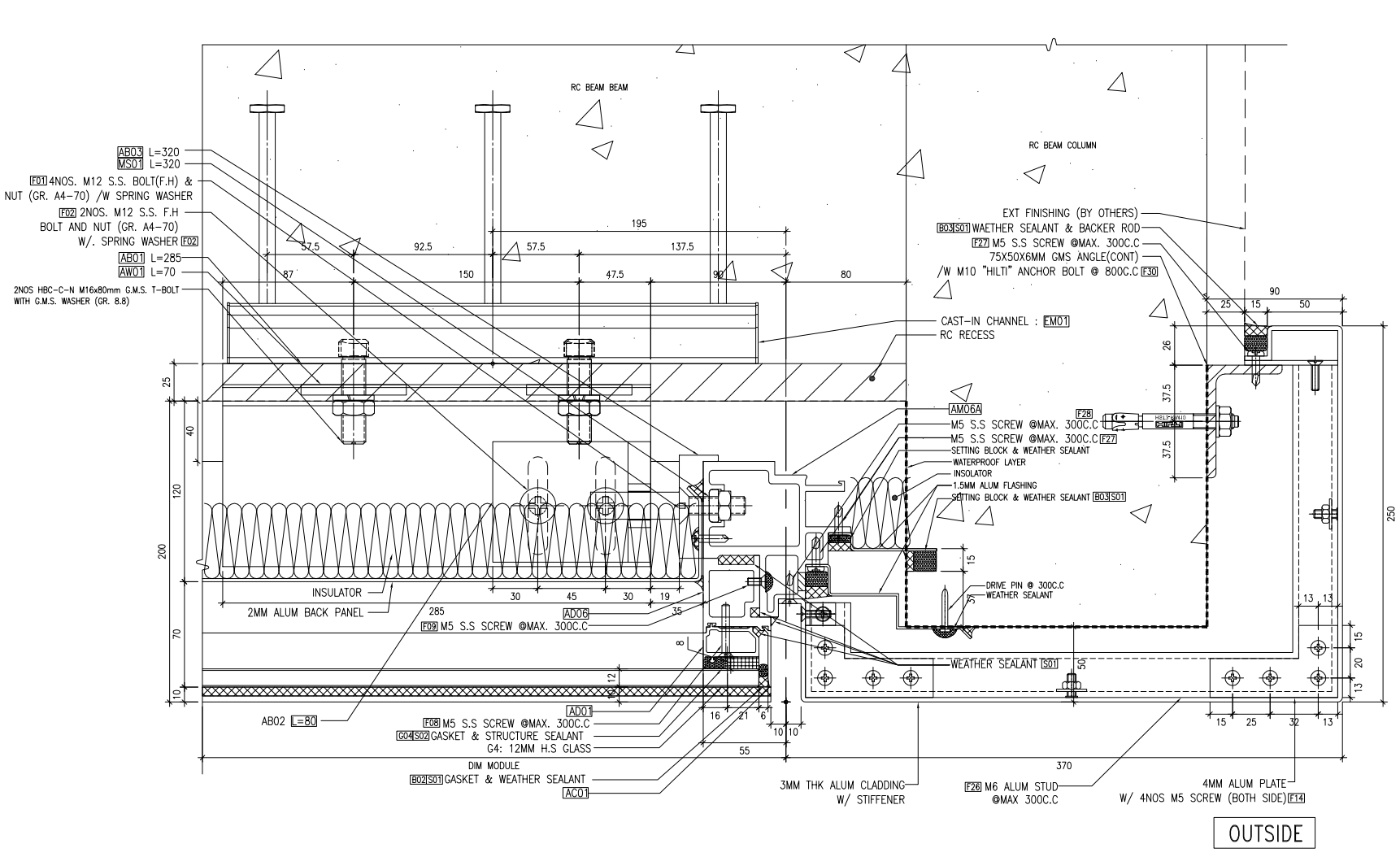
DWG NO. : J856-SD-CW-8022 | REV. : B



1 8023 *TYPICAL DETAIL OF CURTAIN WALL*



2 8023 *TYPICAL DETAIL OF CURTAIN WALL*



3 8023 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :

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

MAIN CONTRACTOR :

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Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

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Steel Structure & Facade Specialist

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NO.	DATE	REVISED	BY
A	02-MAY-2023	5TH SUBMISSION	CF
-	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

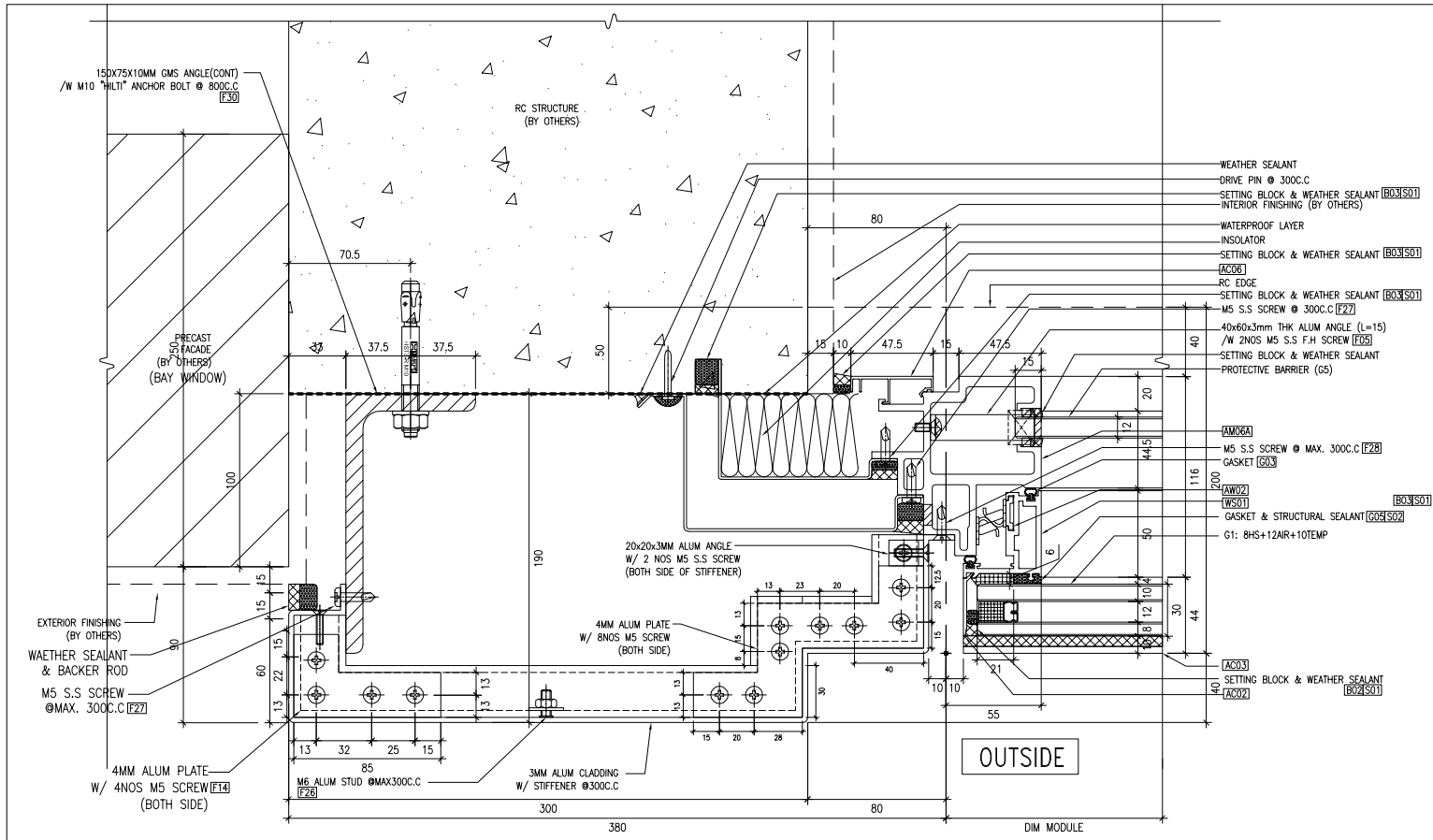
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

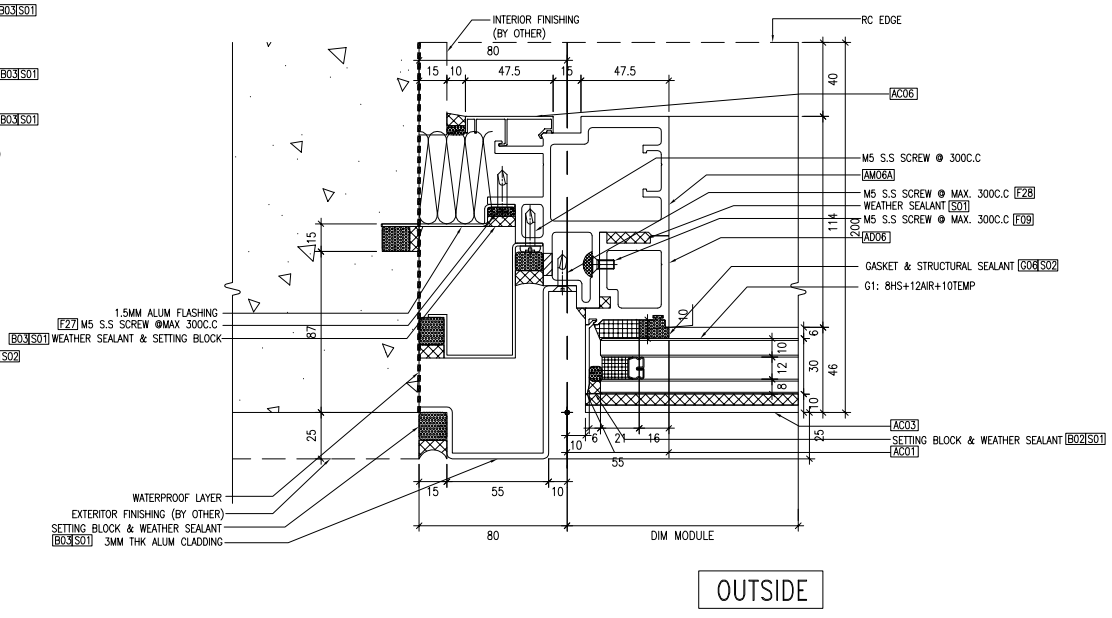
DRAWN BY : C.F | CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
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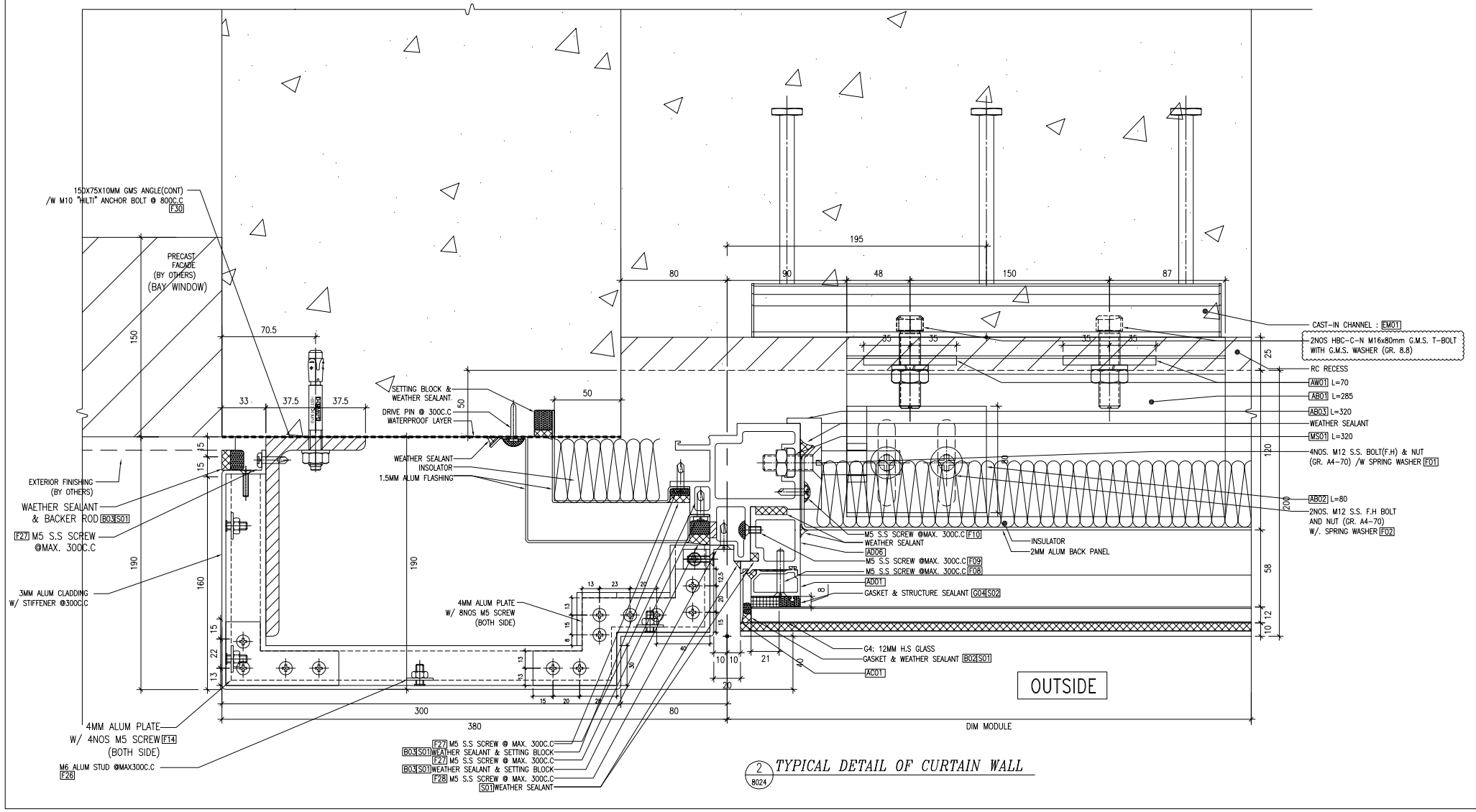
DWG NO. : J856-SD-CW-8023 | REV. : A



1 8024 *TYPICAL DETAIL OF CURTAIN WALL*



3 8024 *TYPICAL DETAIL OF CURTAIN WALL*



2 8024 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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NO.	DATE	REVISED	BY
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-	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

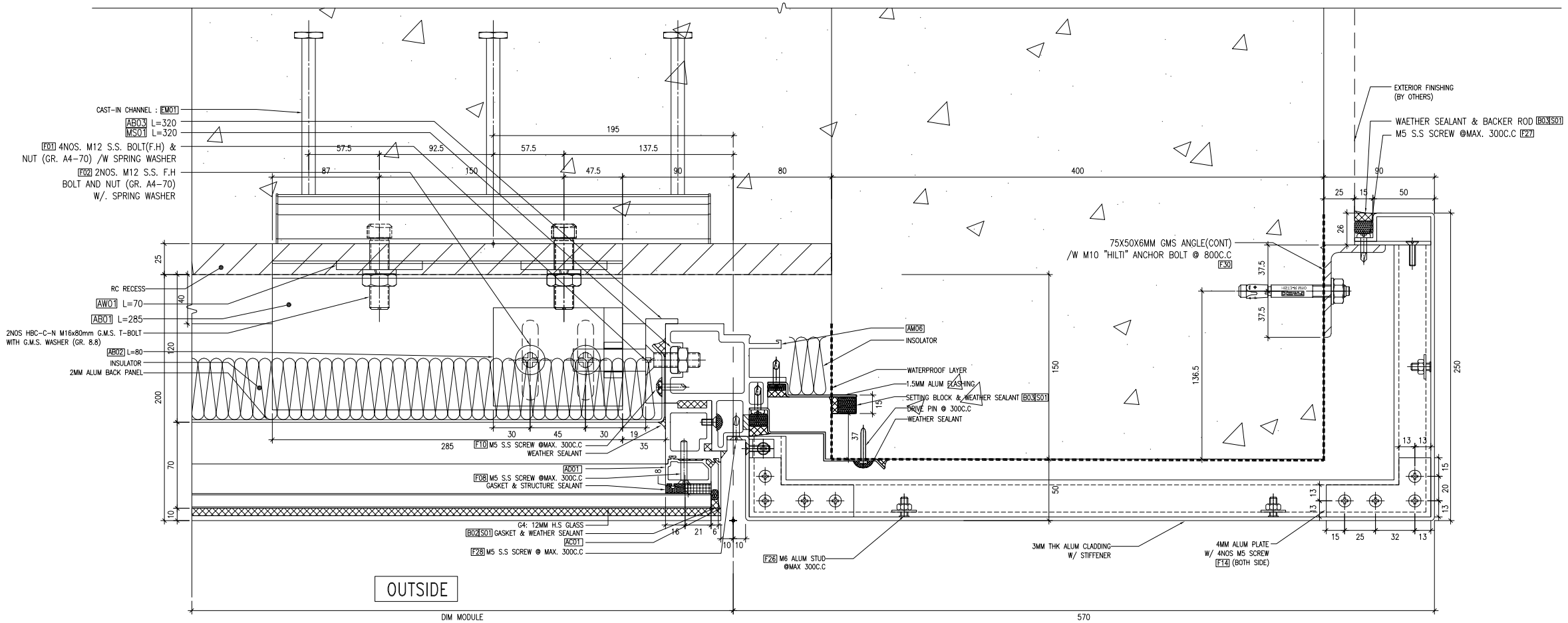
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

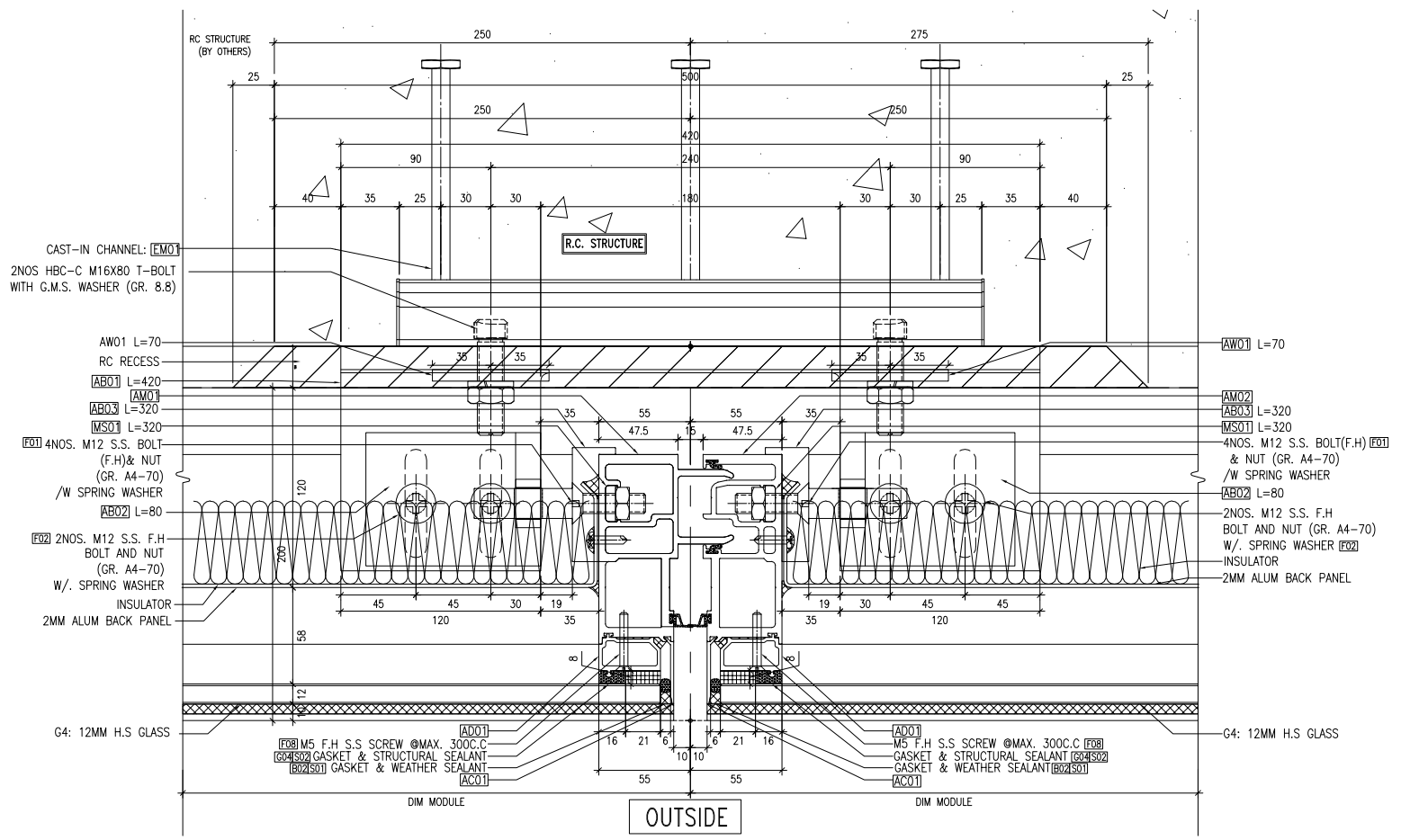
DRAWN BY : C.F | CHECKED BY :

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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-8024 | REV. : B



1 / 8025 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8025 *TYPICAL DETAIL OF CURTAIN WALL*

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 :

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STRUCTURAL ENGINEER :

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JOB NO. : J-856

PROJECT :
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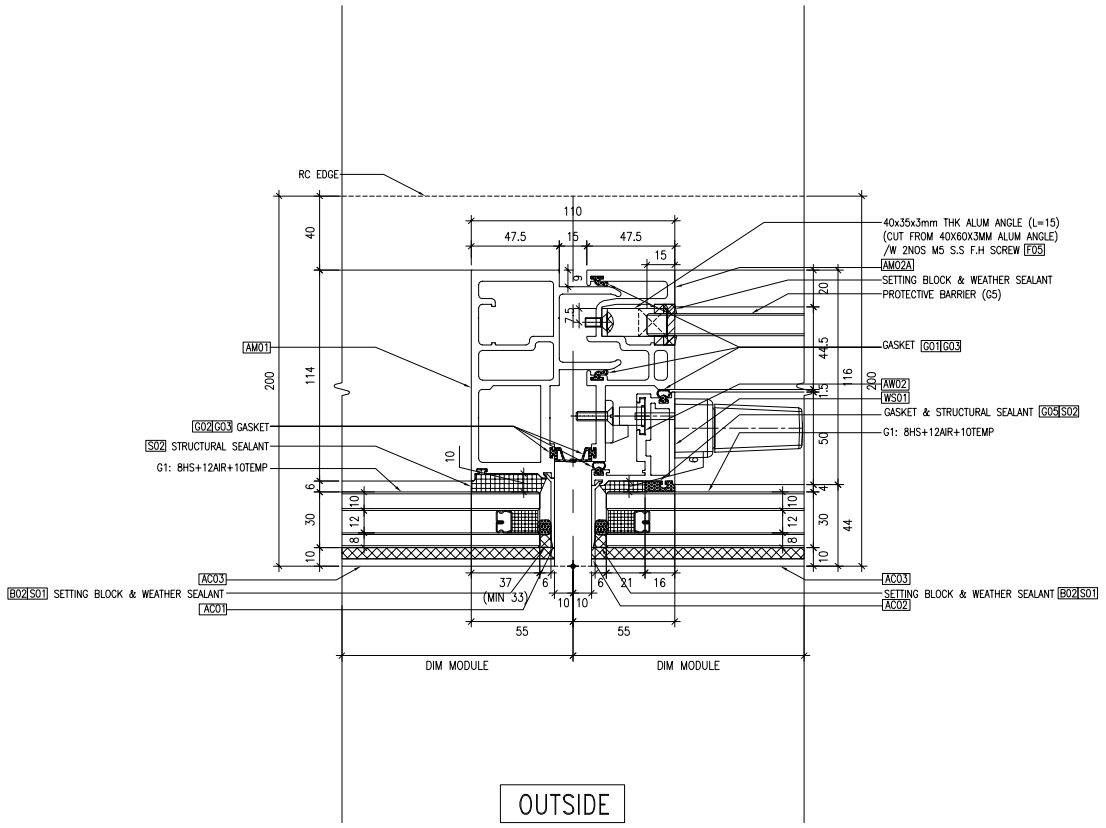
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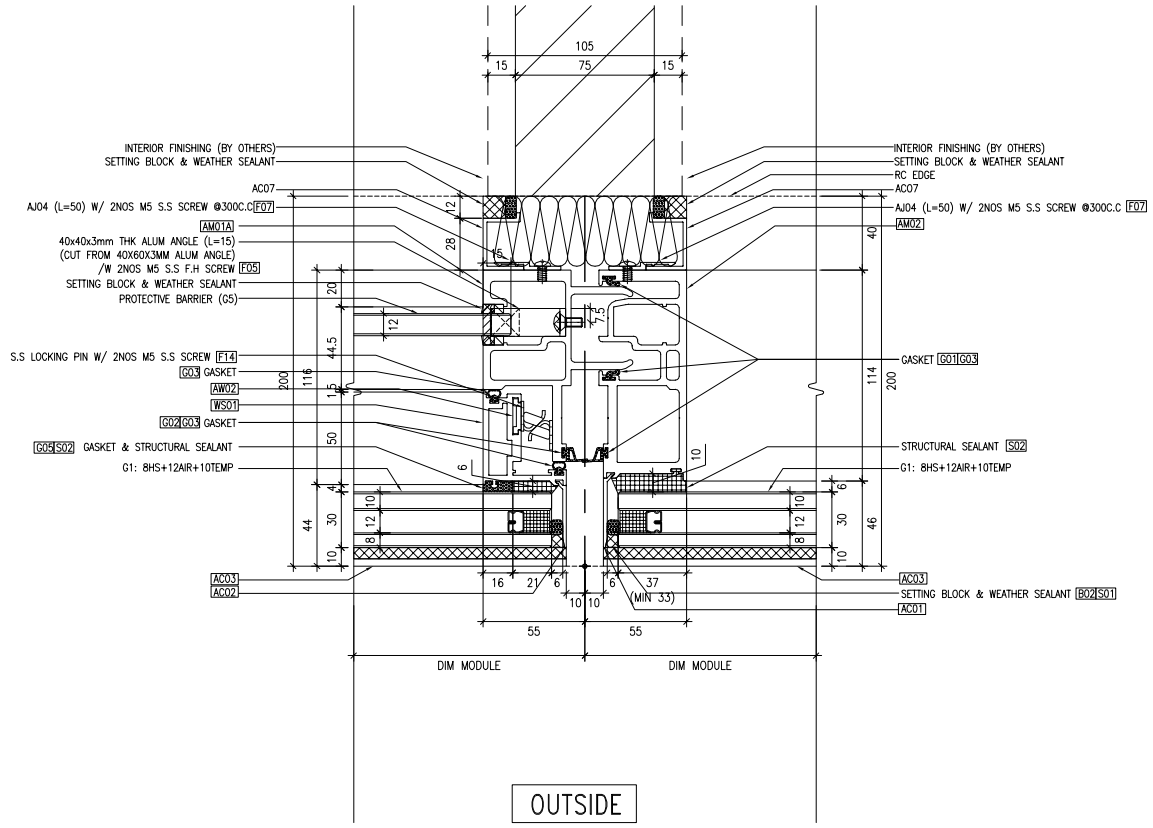
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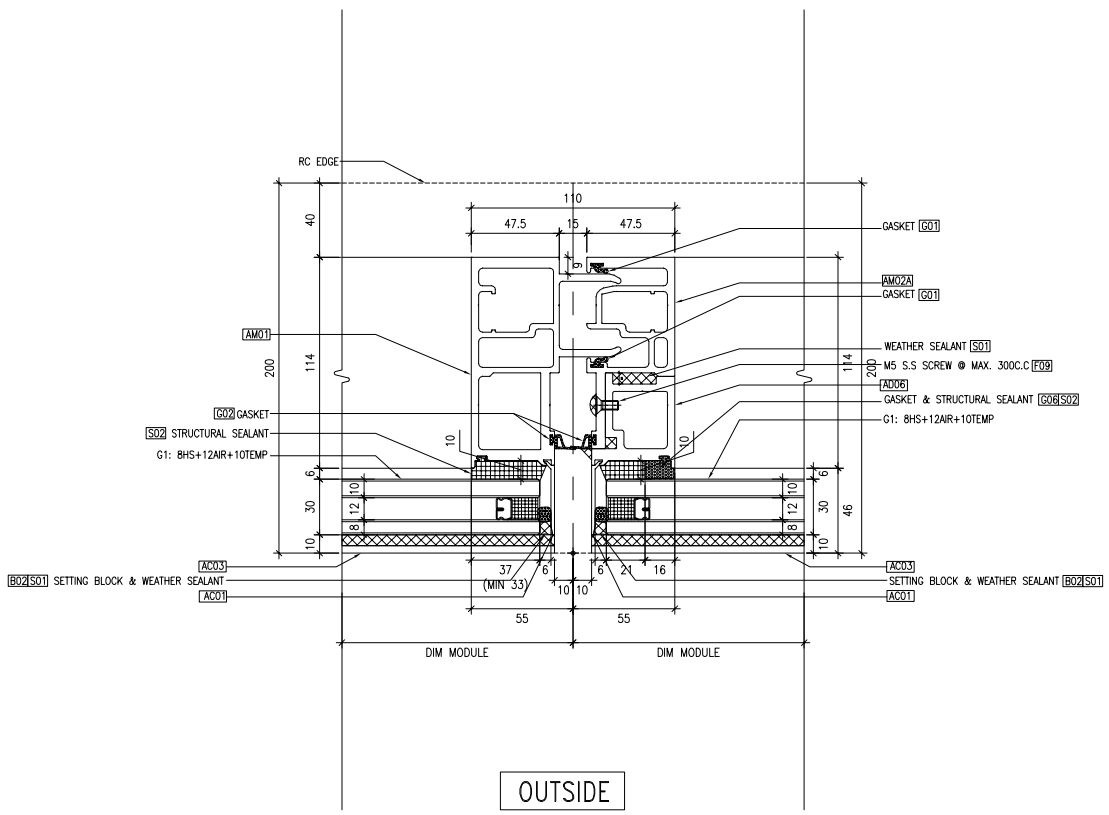
DWG NO. : J856-SD-CW-8025 | REV. : A



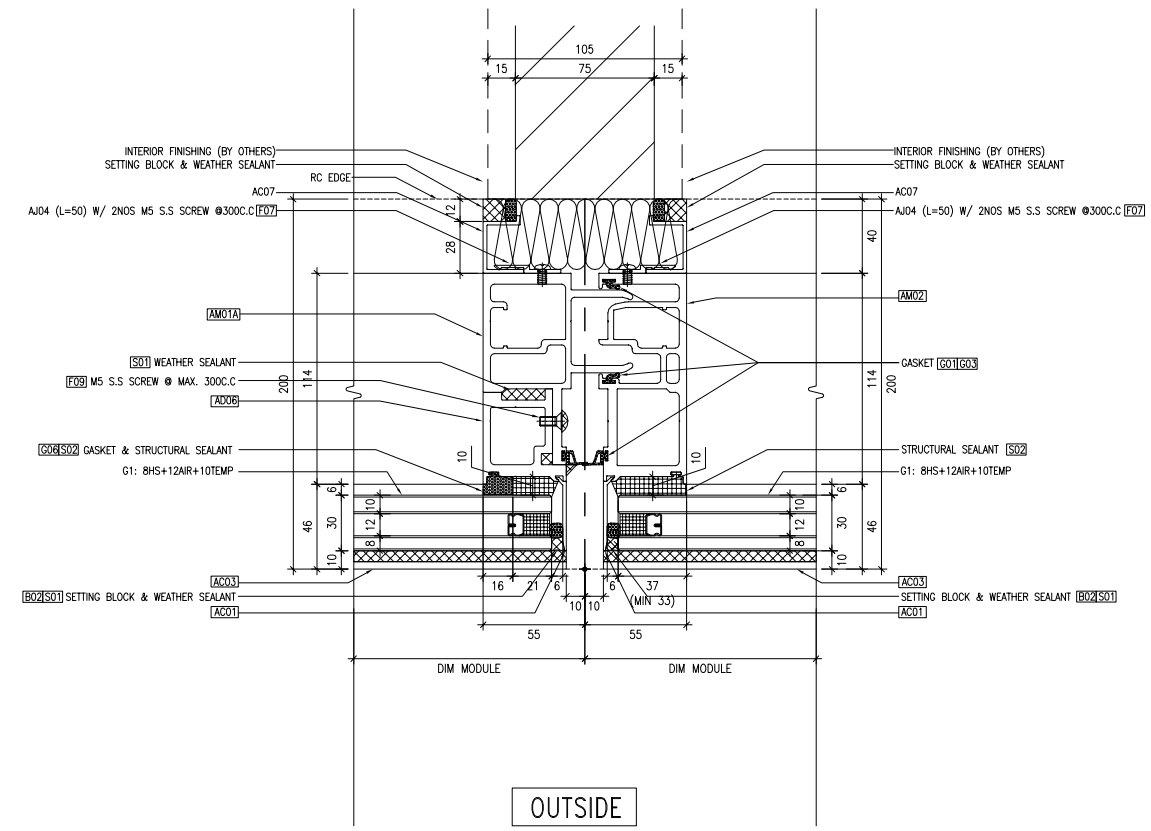
1/8026 *TYPICAL DETAIL OF CURTAIN WALL*



2/8026 *TYPICAL DETAIL OF CURTAIN WALL*



3/8026 *TYPICAL DETAIL OF CURTAIN WALL*



4/8026 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

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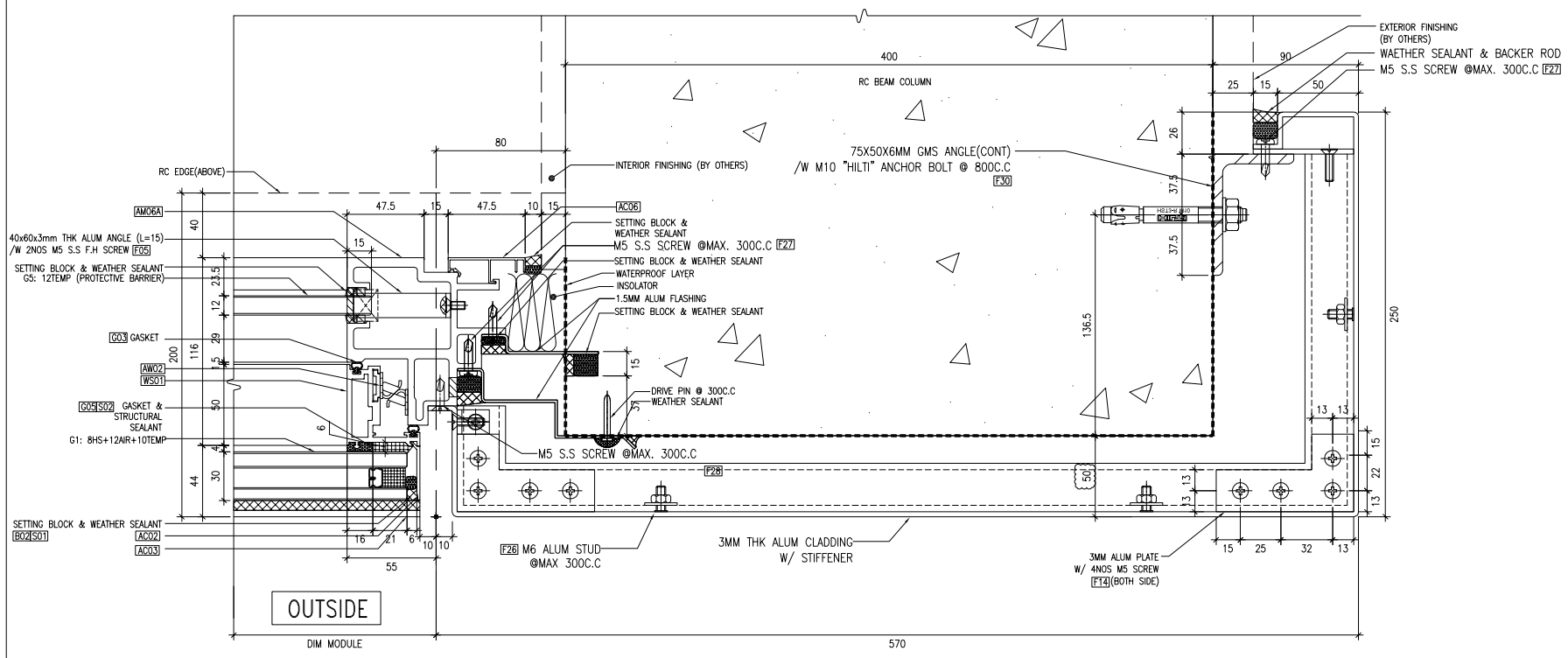
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DATE : 23-JAN-23 | SCALE : 1:4

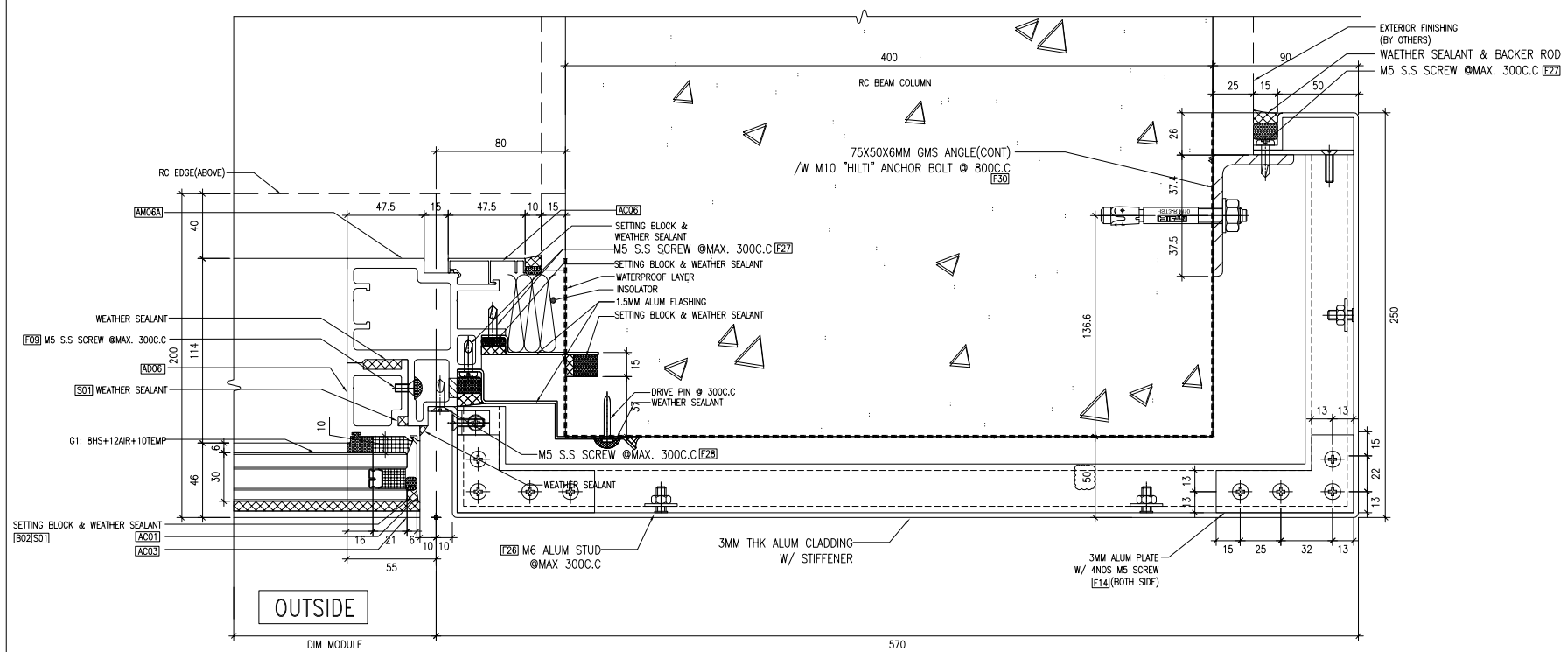
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8026 | REV. : –



1 / 8027 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8027 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
A	02-MAY-2023	5TH SUBMISSION	CF
–	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

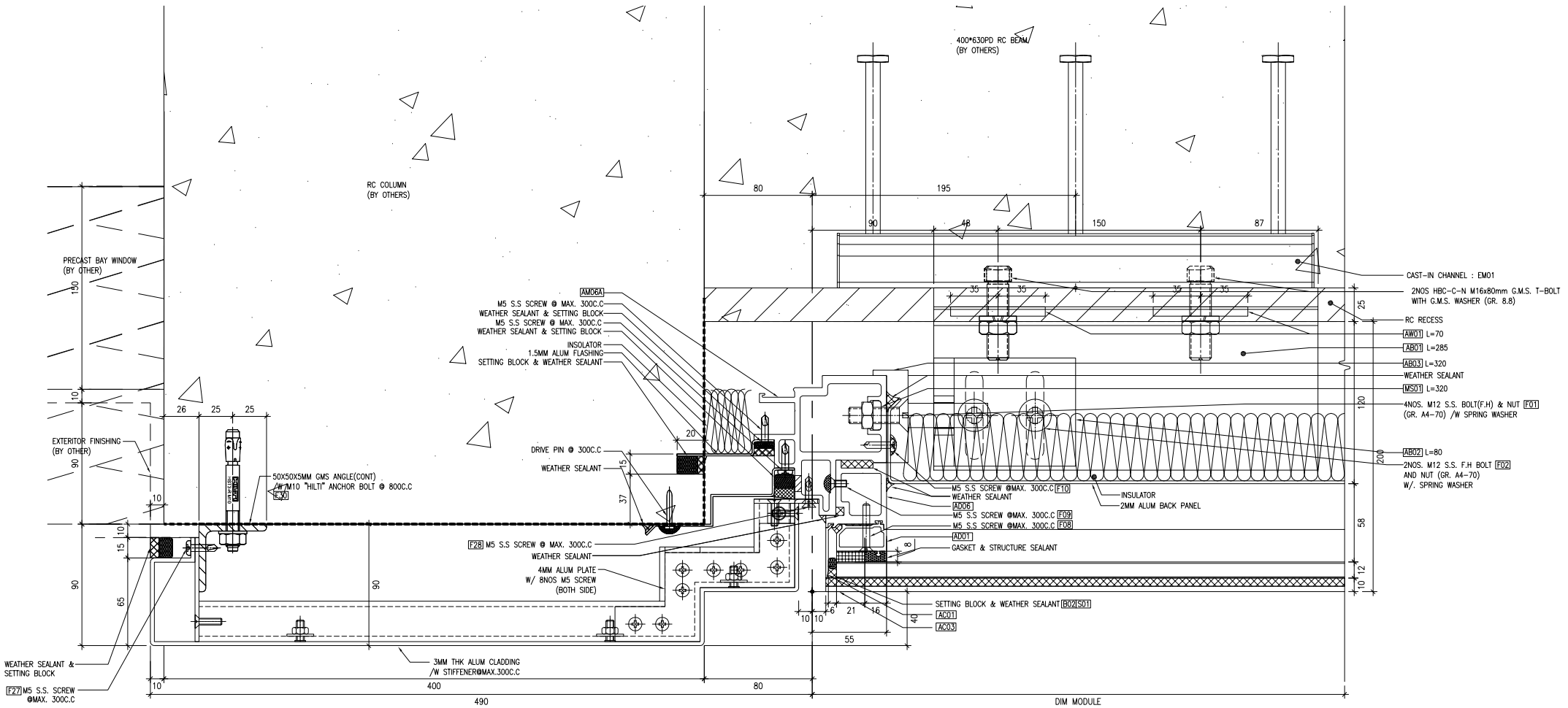
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

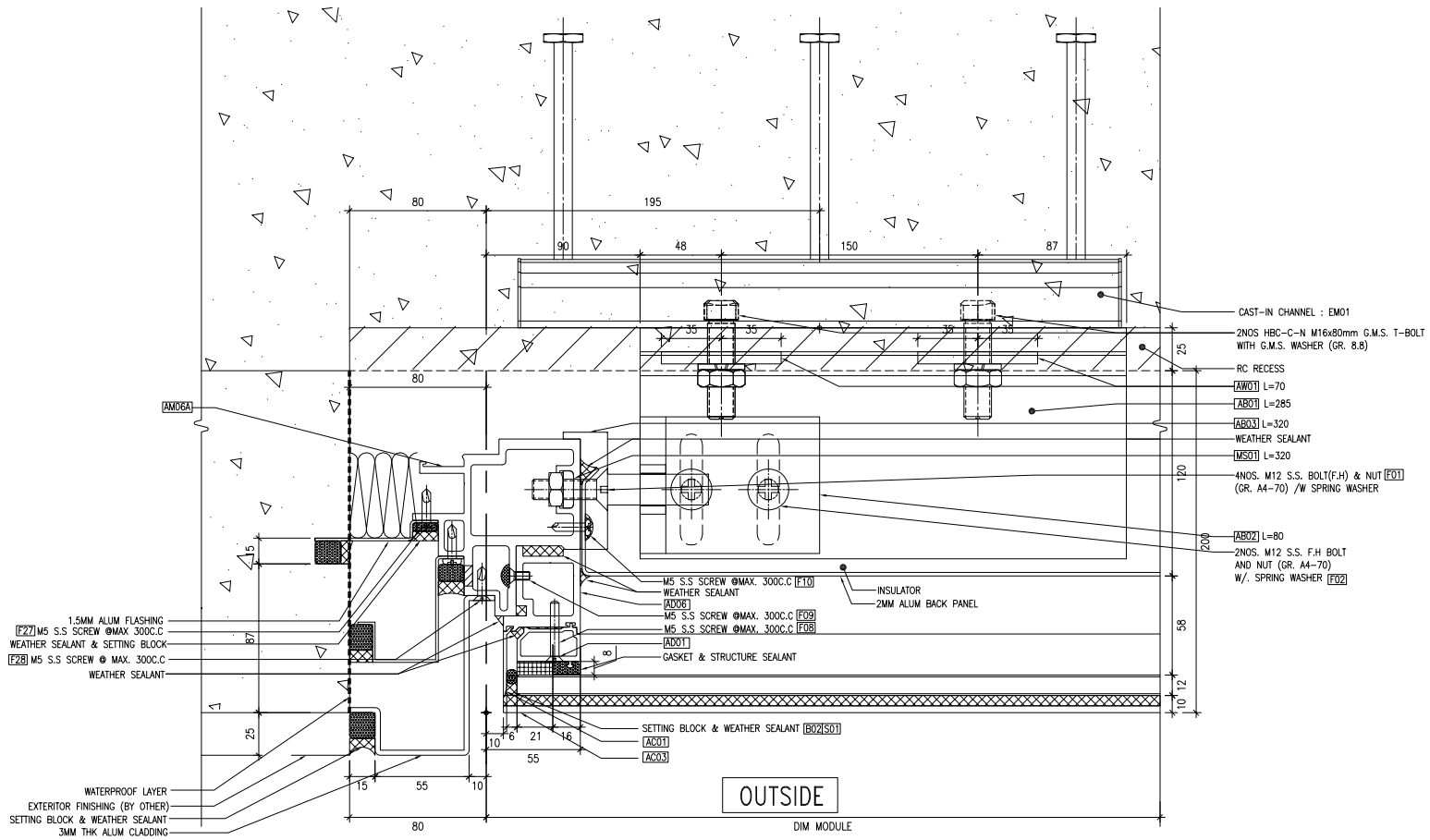
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8027 | REV. : A



1 / 8028 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8028 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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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

NO.	DATE	REVISED	BY
B	30-MAY-2023	6TH SUBMISSION	CF
A	02-MAY-2023	5TH SUBMISSION	CF
–	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

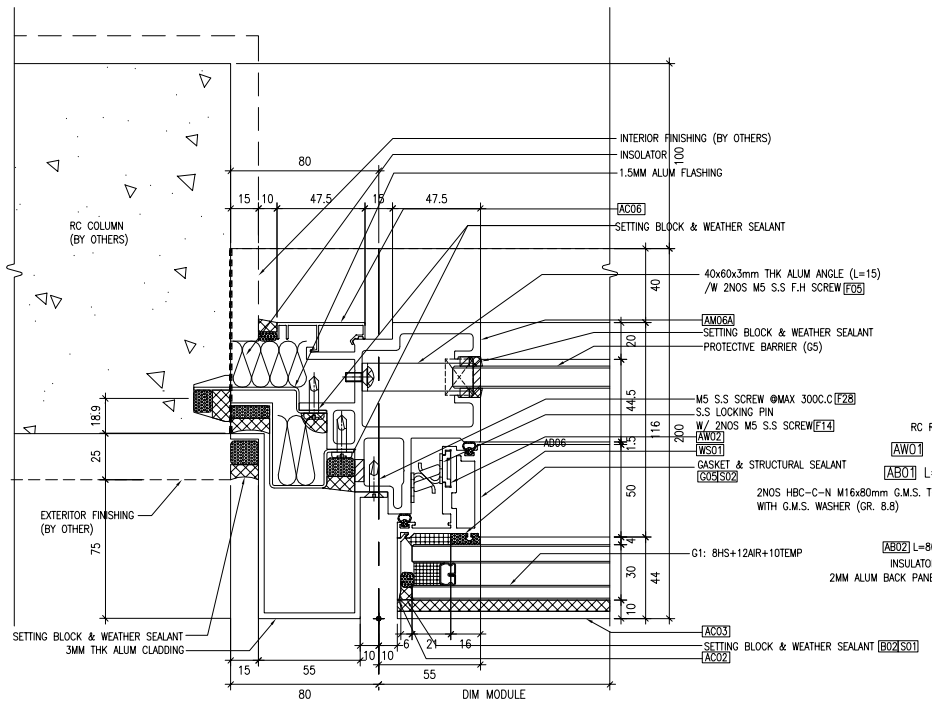
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DATE : 23-JAN-23 | SCALE : 1:4

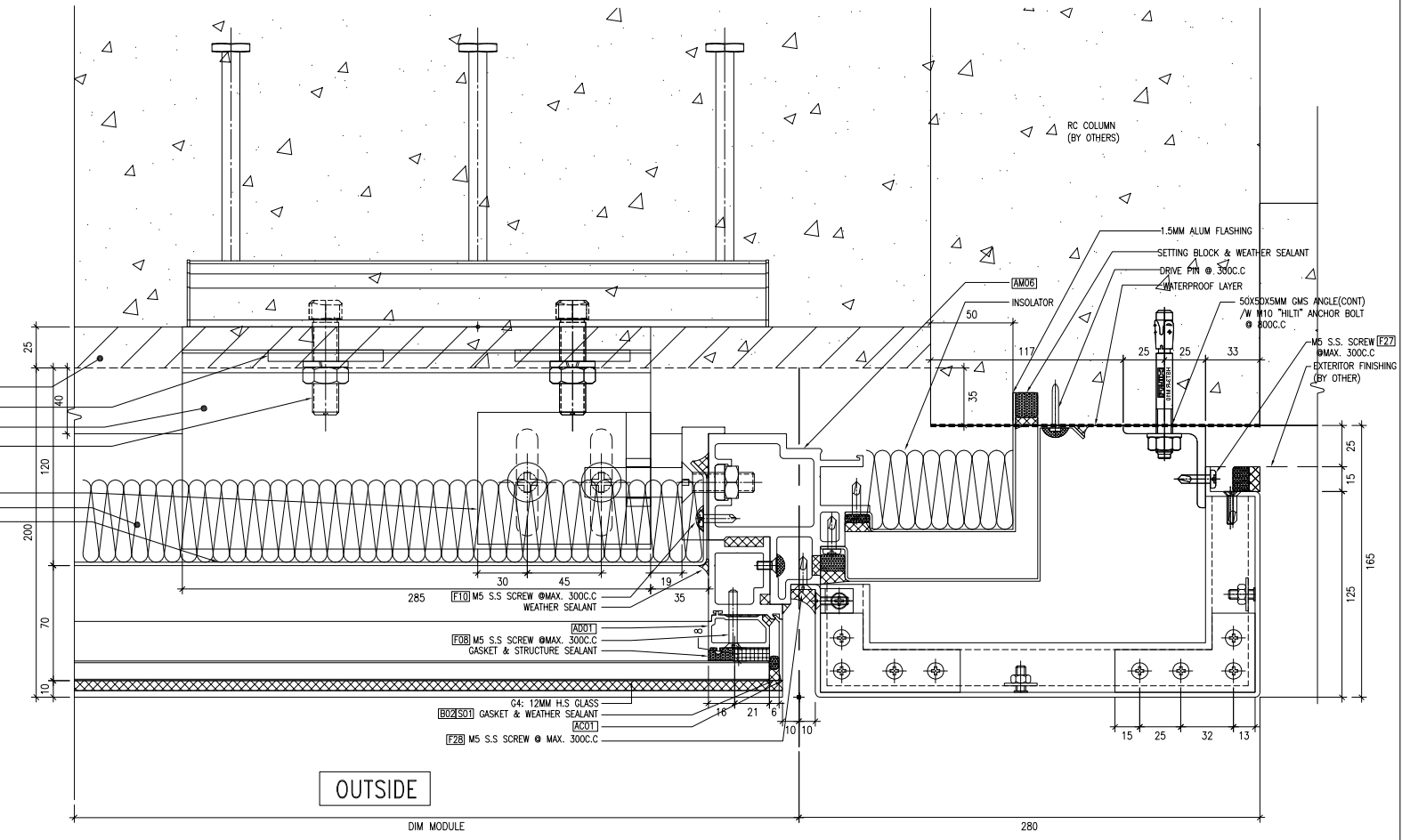
DRAWN BY : C.F | CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
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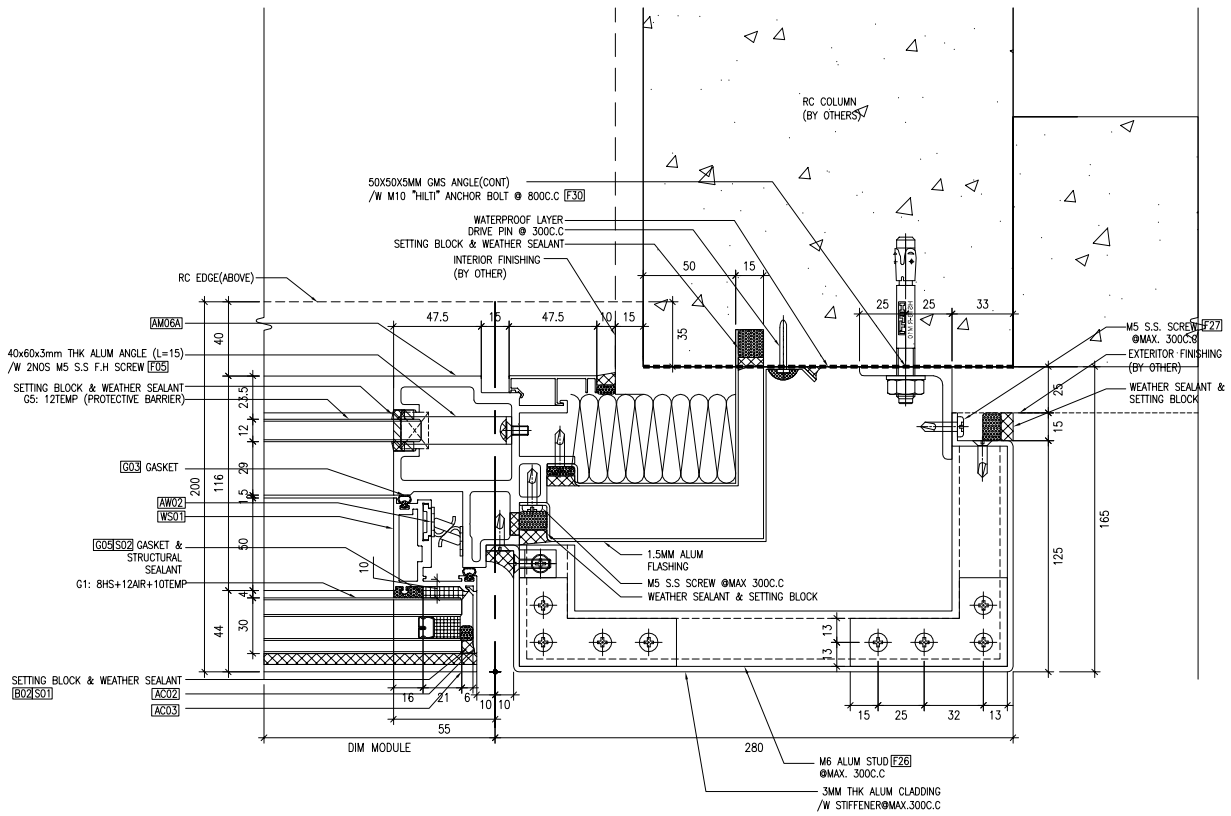
DWG NO. : J856-SD-CW-8028 | REV. : B



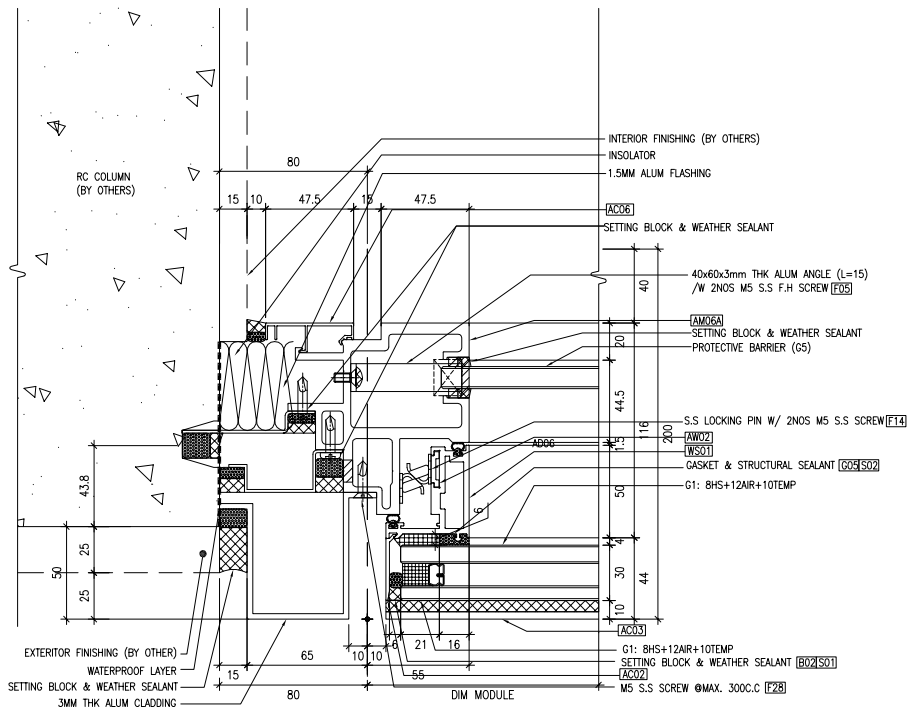
1 8029 *TYPICAL DETAIL OF CURTAIN WALL*



3 8029 *TYPICAL DETAIL OF CURTAIN WALL*



2 8029 *TYPICAL DETAIL OF CURTAIN WALL*



4 8029 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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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

NO.	DATE	REVISED	BY
A	02-MAY-2023	5TH SUBMISSION	
–	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

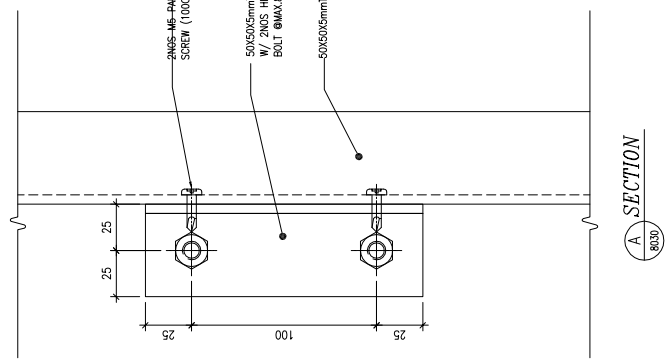
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

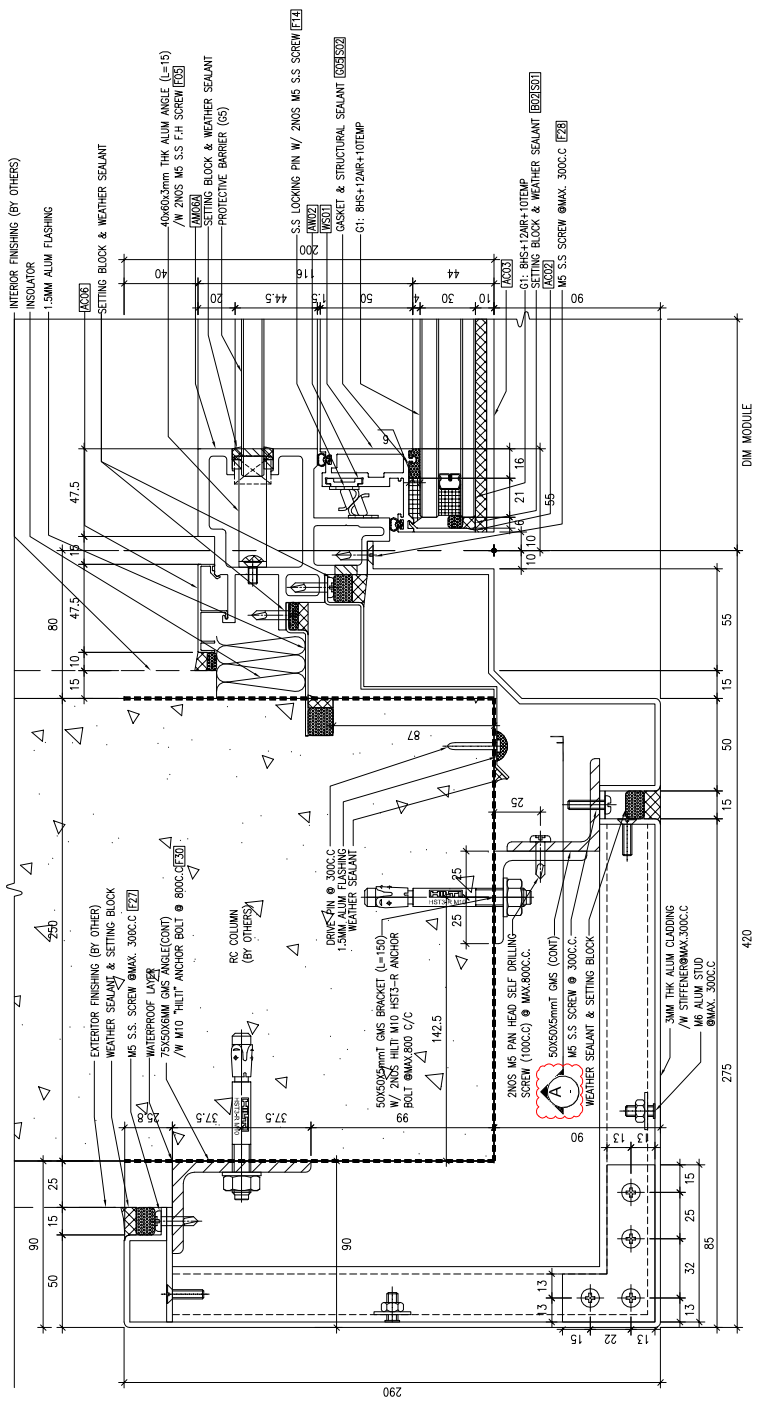
DRAWN BY : C.F | CHECKED BY :

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

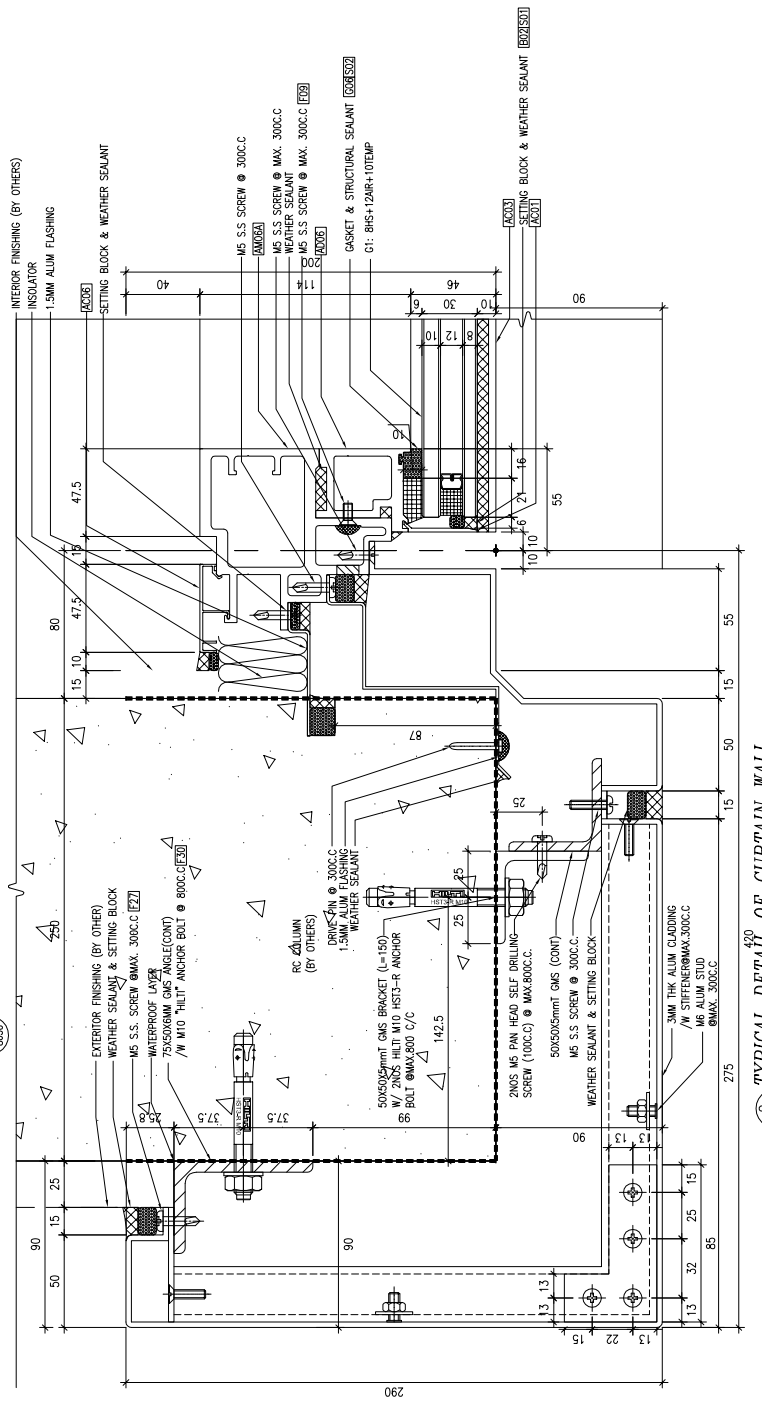
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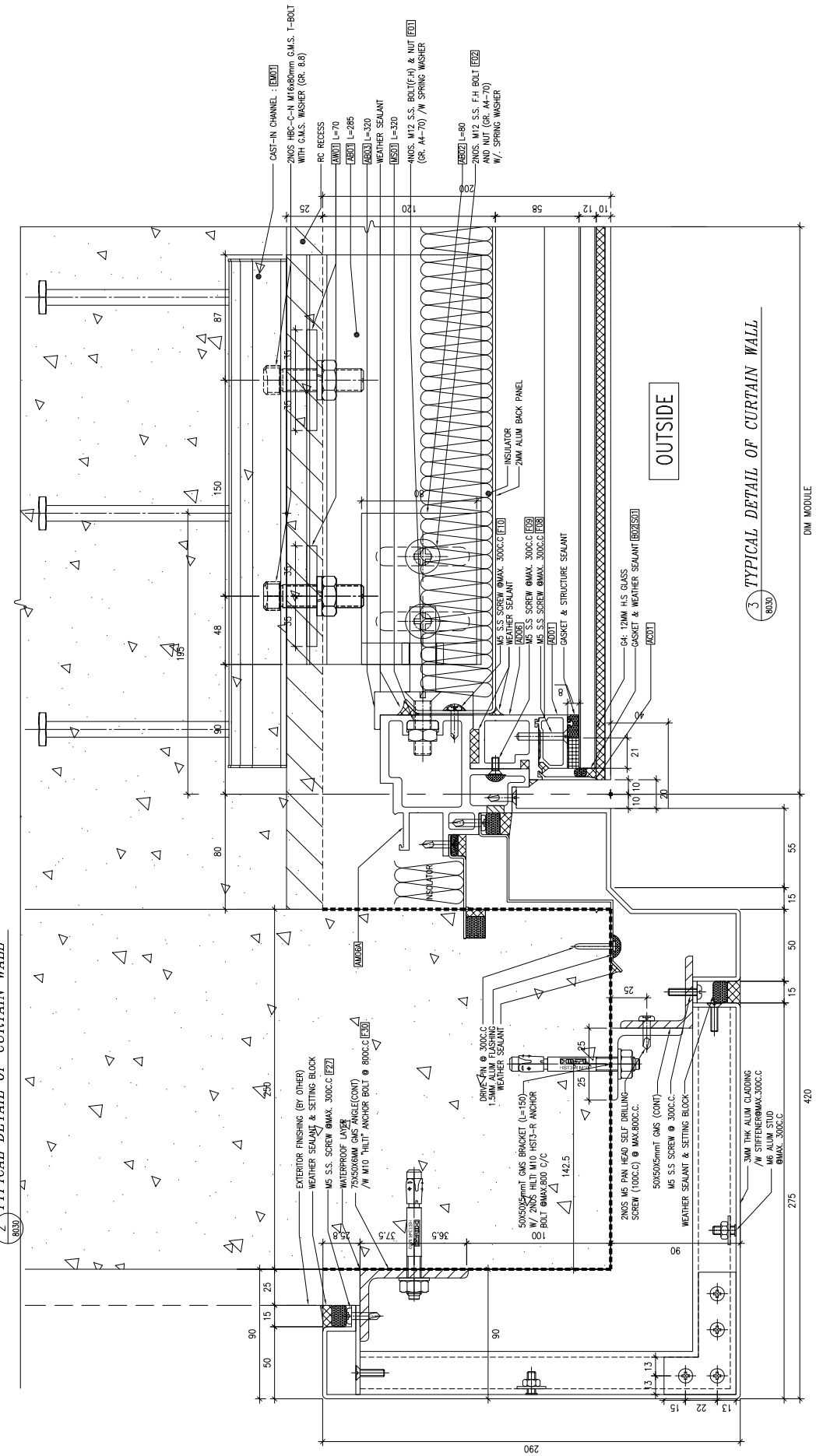
A SECTION 8030



1 TYPICAL DETAIL OF CURTAIN WALL 8030



2 TYPICAL DETAIL OF CURTAIN WALL 8030



3 TYPICAL DETAIL OF CURTAIN WALL 8030

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :

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LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
C	22-AUG-2023	7TH SUBMISSION	
B	30-MAY-2023	6TH SUBMISSION	
A	02-MAY-2023	5TH SUBMISSION	CF
–	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

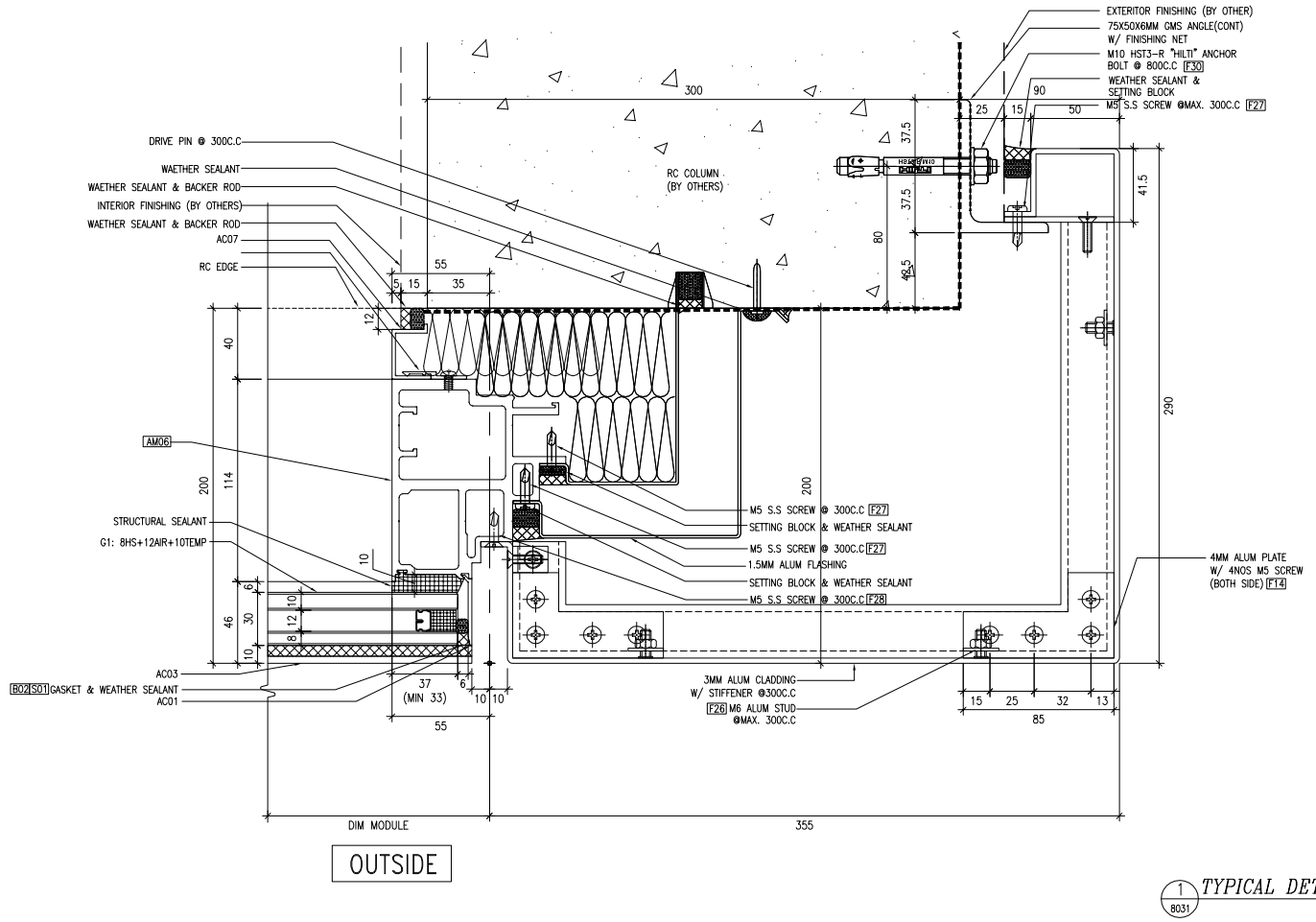
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

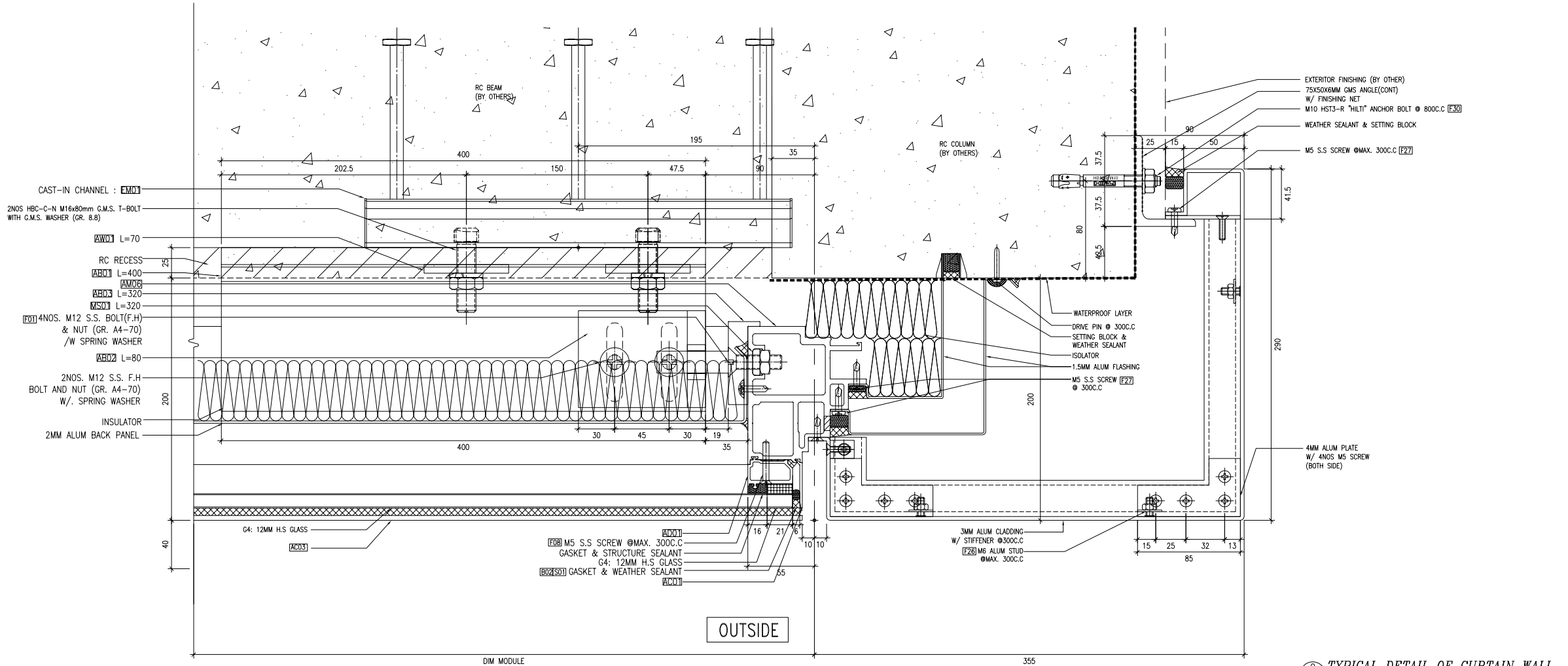
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8030 | REV. : C



1 / 8031 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8031 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
A	02-MAY-2023	5TH SUBMISSION	CF
–	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

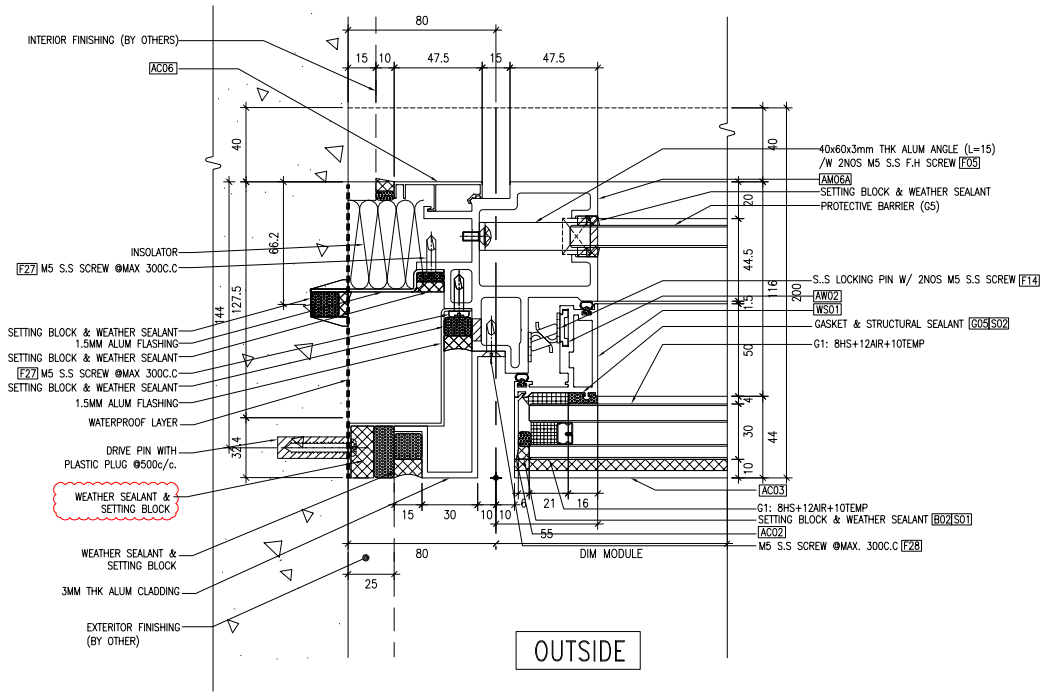
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

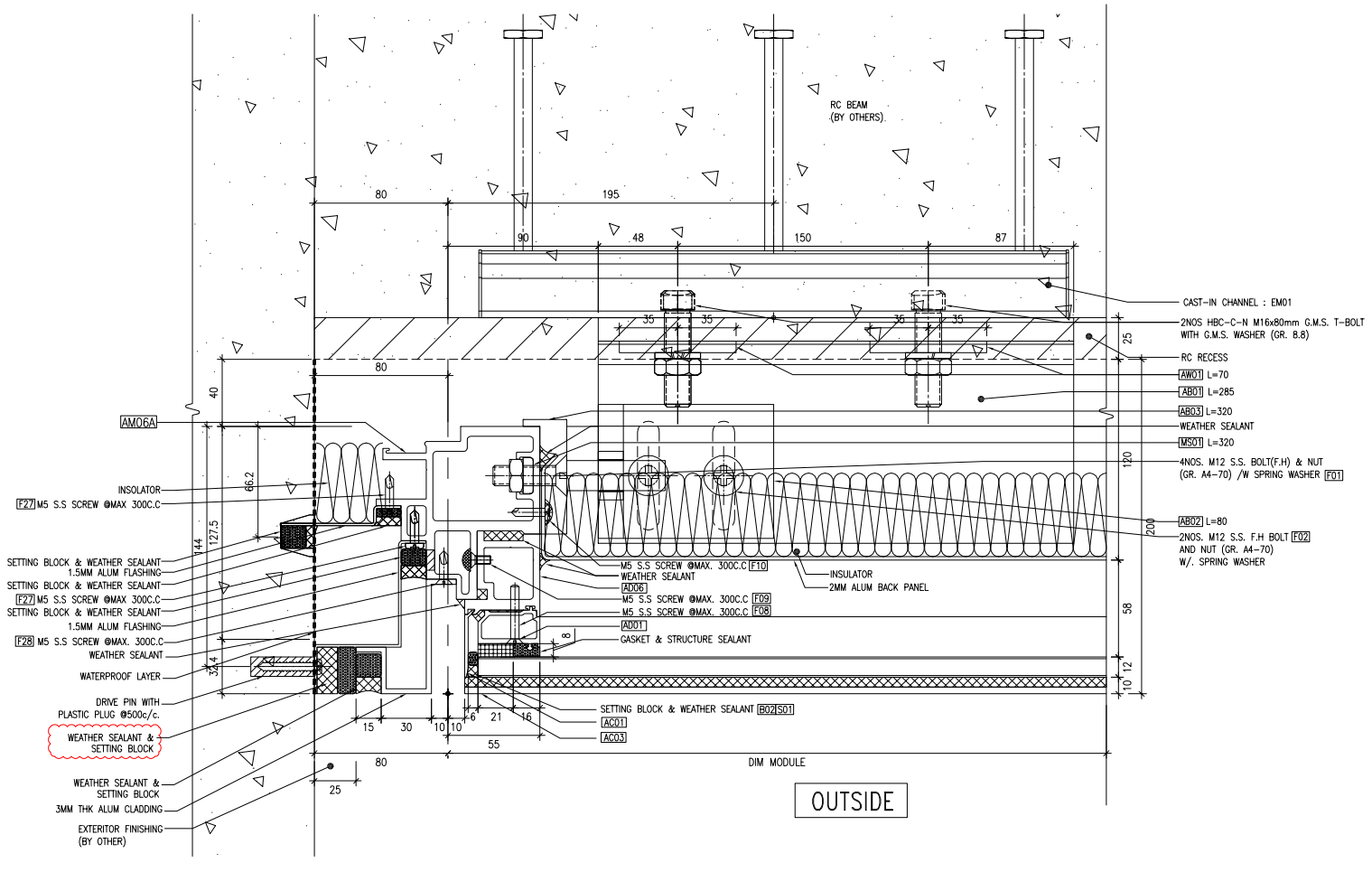
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8031 | REV. : A



1/8032 *TYPICAL DETAIL OF CURTAIN WALL*



2/8032 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
A	02-MAY-2023	5TH SUBMISSION	CF
–	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

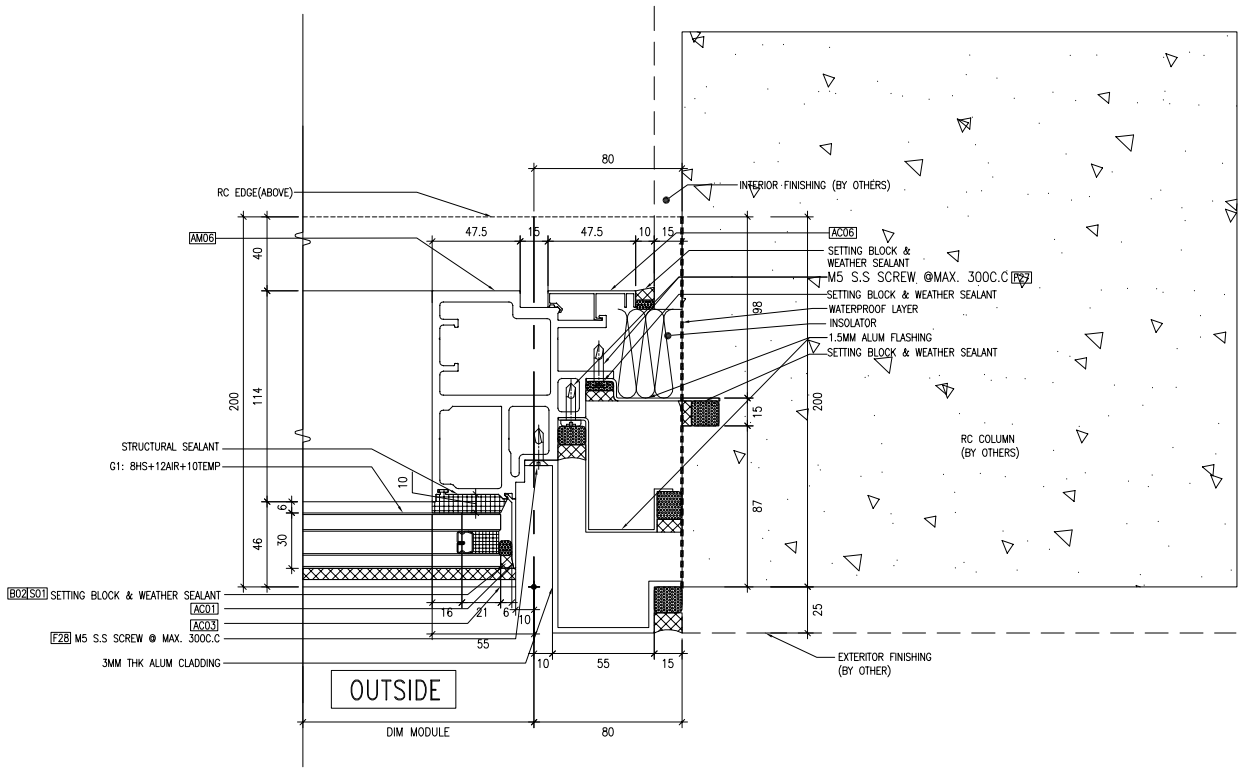
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

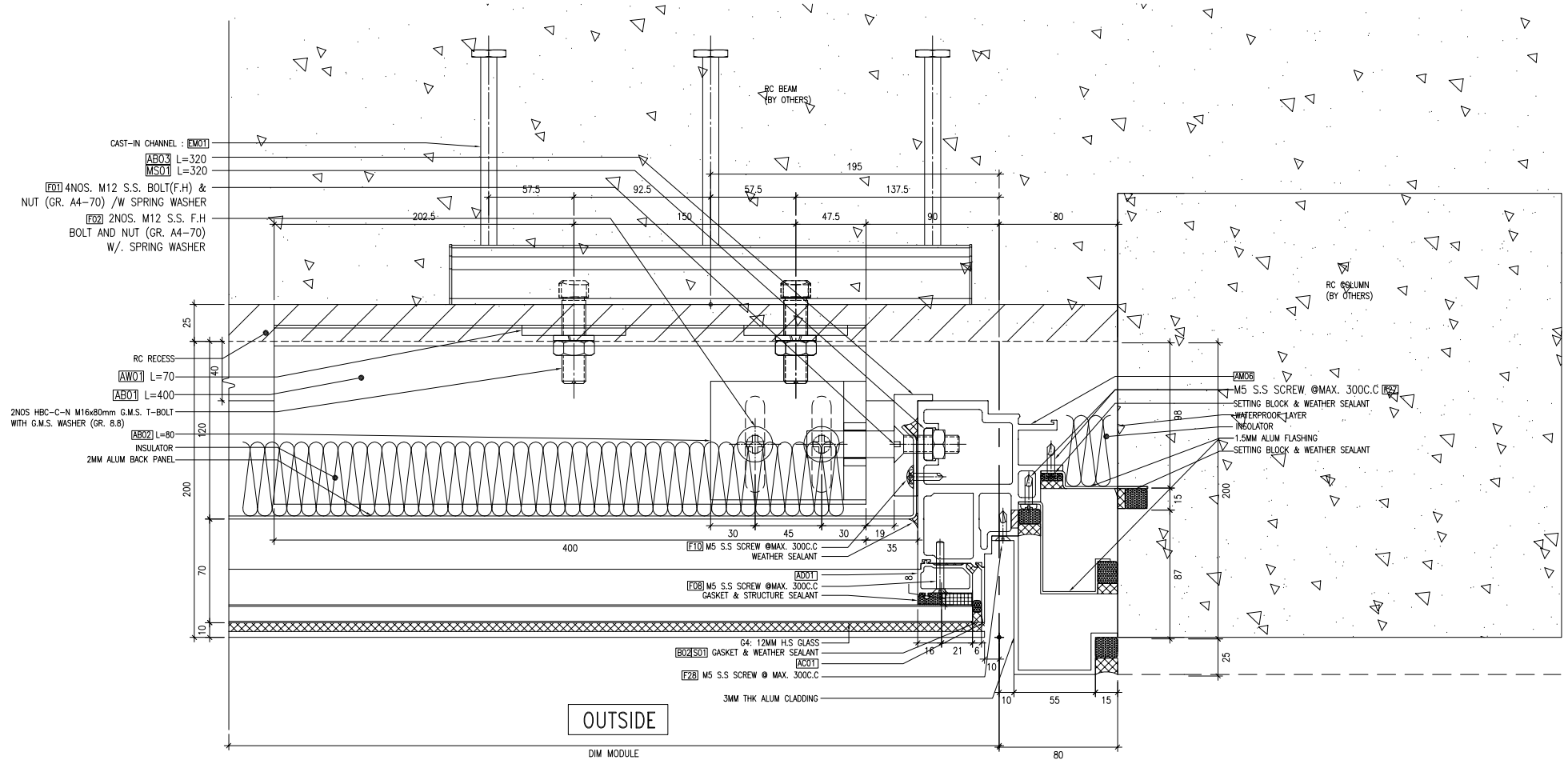
DRAWN BY : C.F | CHECKED BY :

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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-8032 | REV. : A



1 / 8033 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8033 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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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

NO.	DATE	REVISED	BY
A	02-MAY-2023	5TH SUBMISSION	CF
-	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

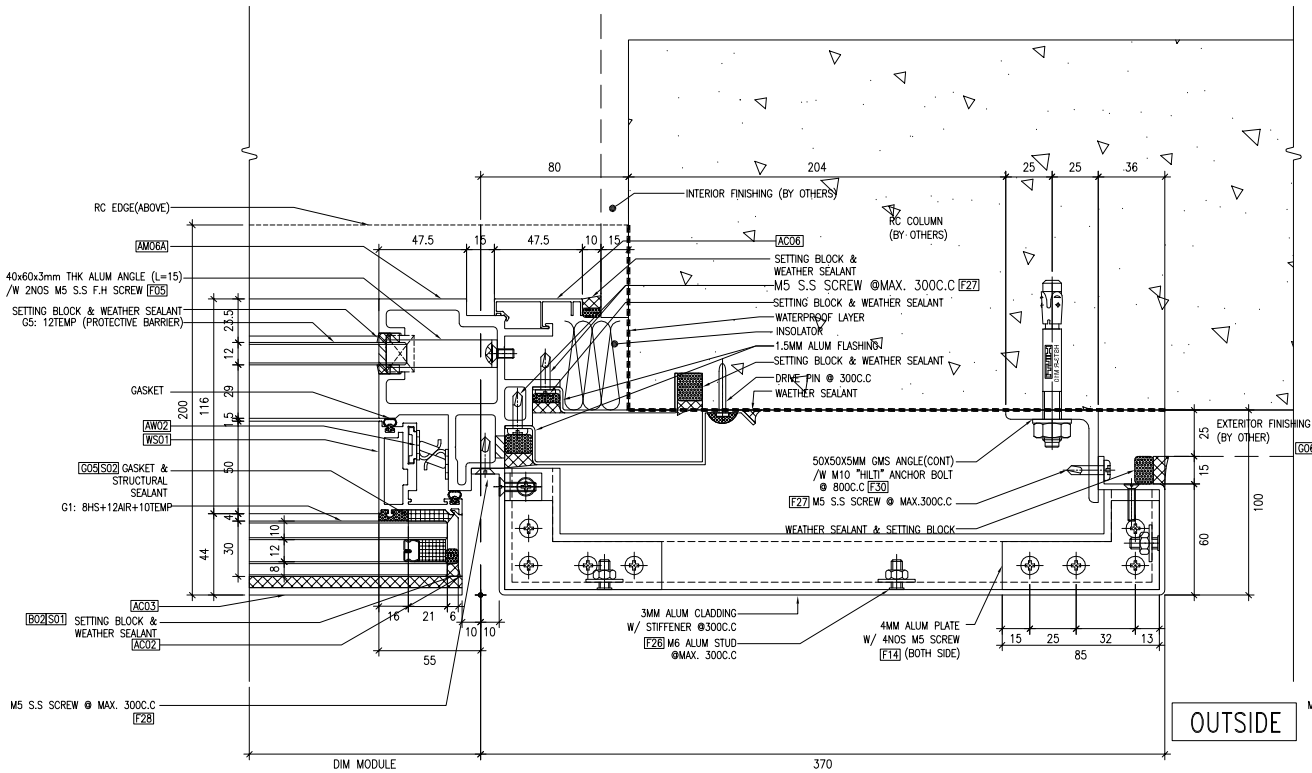
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

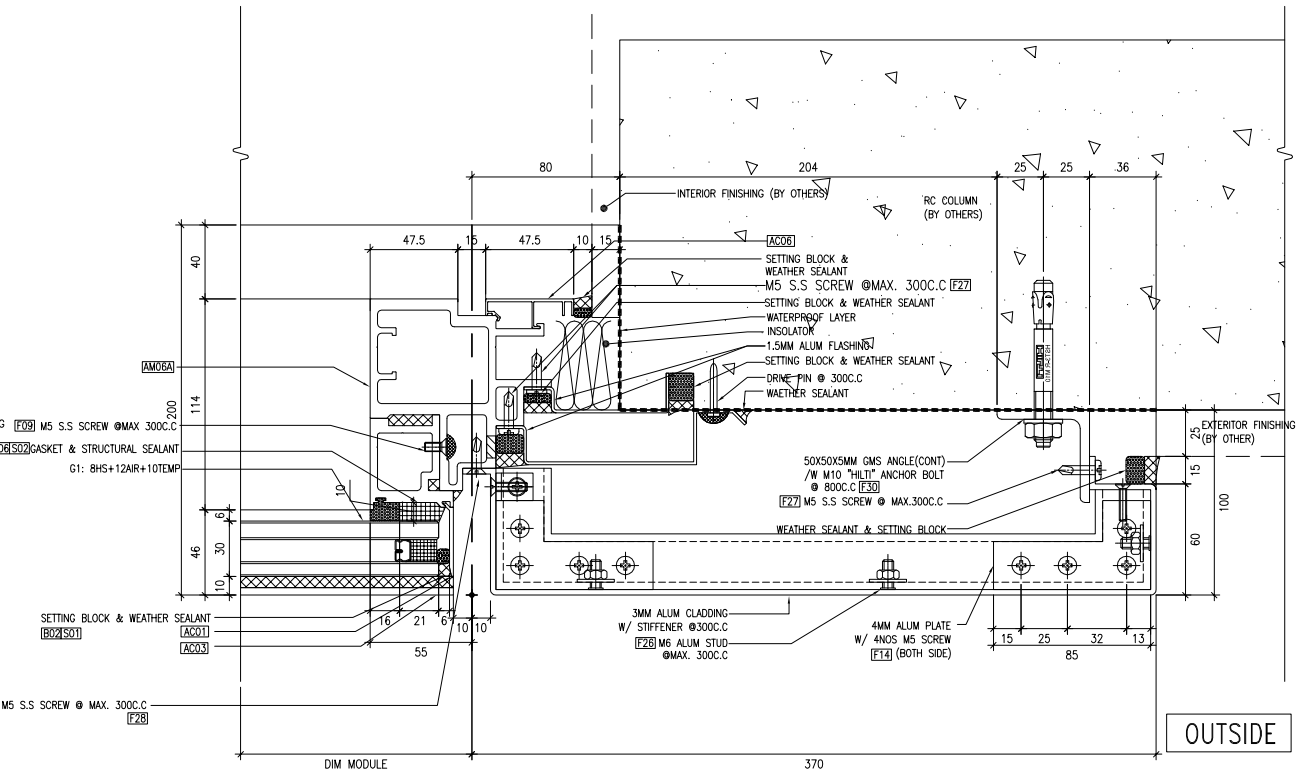
DRAWN BY : C.F | CHECKED BY :

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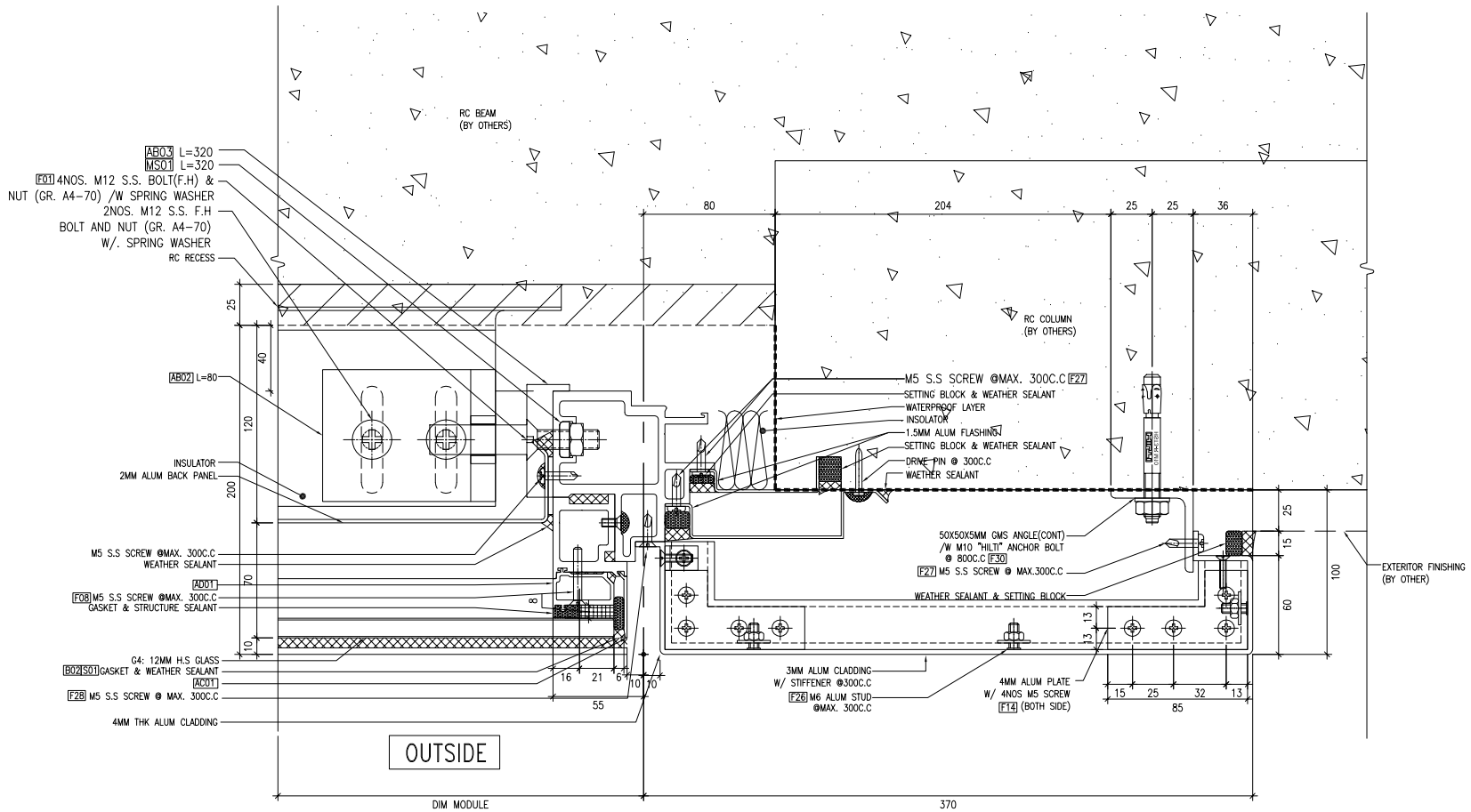
DWG NO. : J856-SD-CW-8033 | REV. : A



1 8034 *TYPICAL DETAIL OF CURTAIN WALL*



2 8034 *TYPICAL DETAIL OF CURTAIN WALL*



3 8034 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
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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

NO.	DATE	REVISED	BY
A	02-MAY-2023	5TH SUBMISSION	CF
–	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

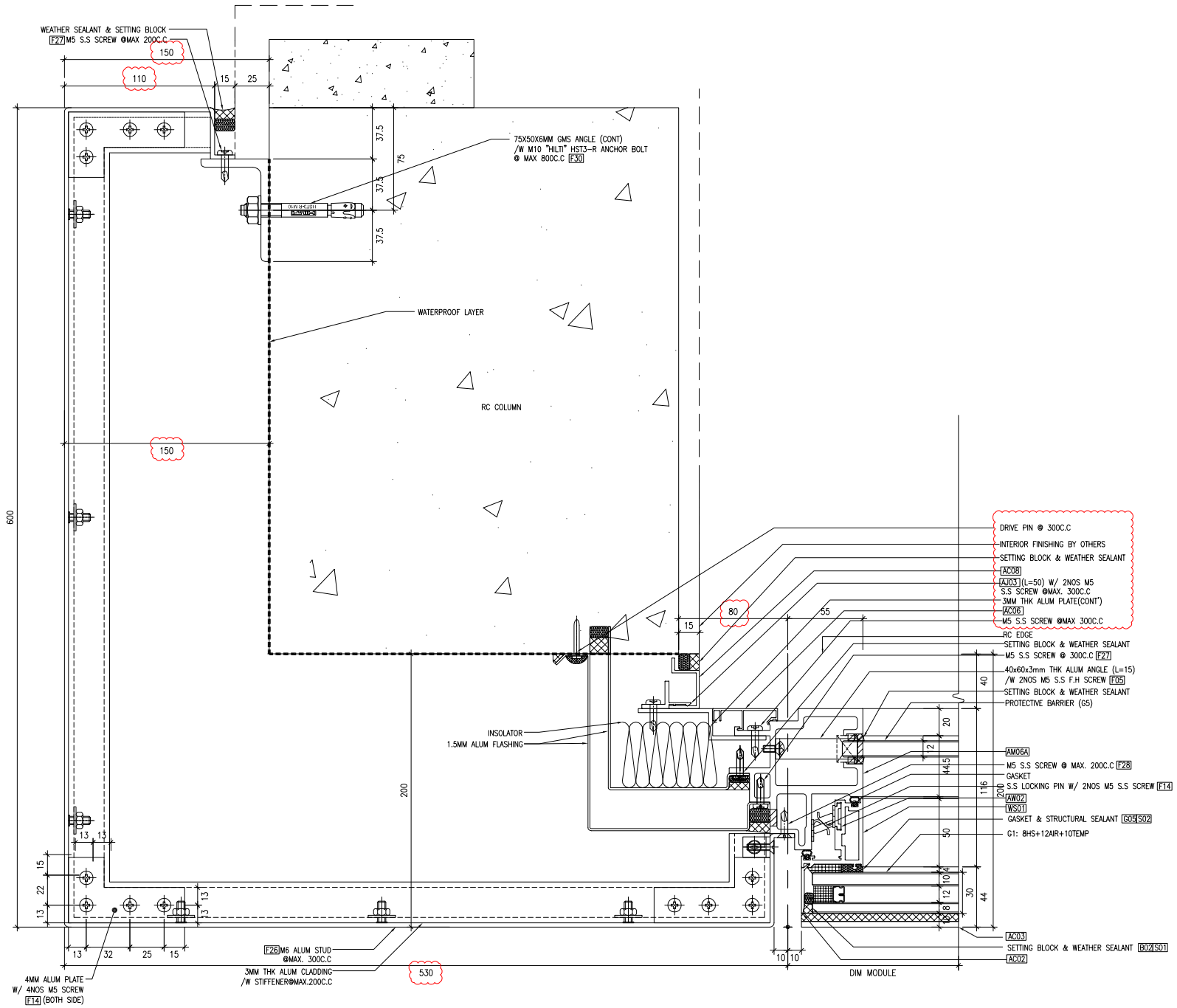
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8034 | REV. : A



1 / 8035 *TYPICAL DETAIL OF CURTAIN WALL*

REMARK: REFER TO STRUCTURE CALCULATION,
FOR THIS DETAIL 1/8035:
3mm ALUM CLADDING W/ 4MM STIFFENER @ MAX 200C.C

B.D. REF :

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

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

MAIN CONTRACTOR :
怡輝建築有限公司
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STRUCTURAL ENGINEER :
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FACADE CONSULTANT:
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3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

NO.	DATE	REVISED	BY
D	30-OCT-2023	9TH SUBMISSION	CF
C	28-SEP-2023	6TH SUBMISSION	CF
B	30-MAY-2023	6TH SUBMISSION	CF
A	02-MAY-2023	5TH SUBMISSION	CF
-	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

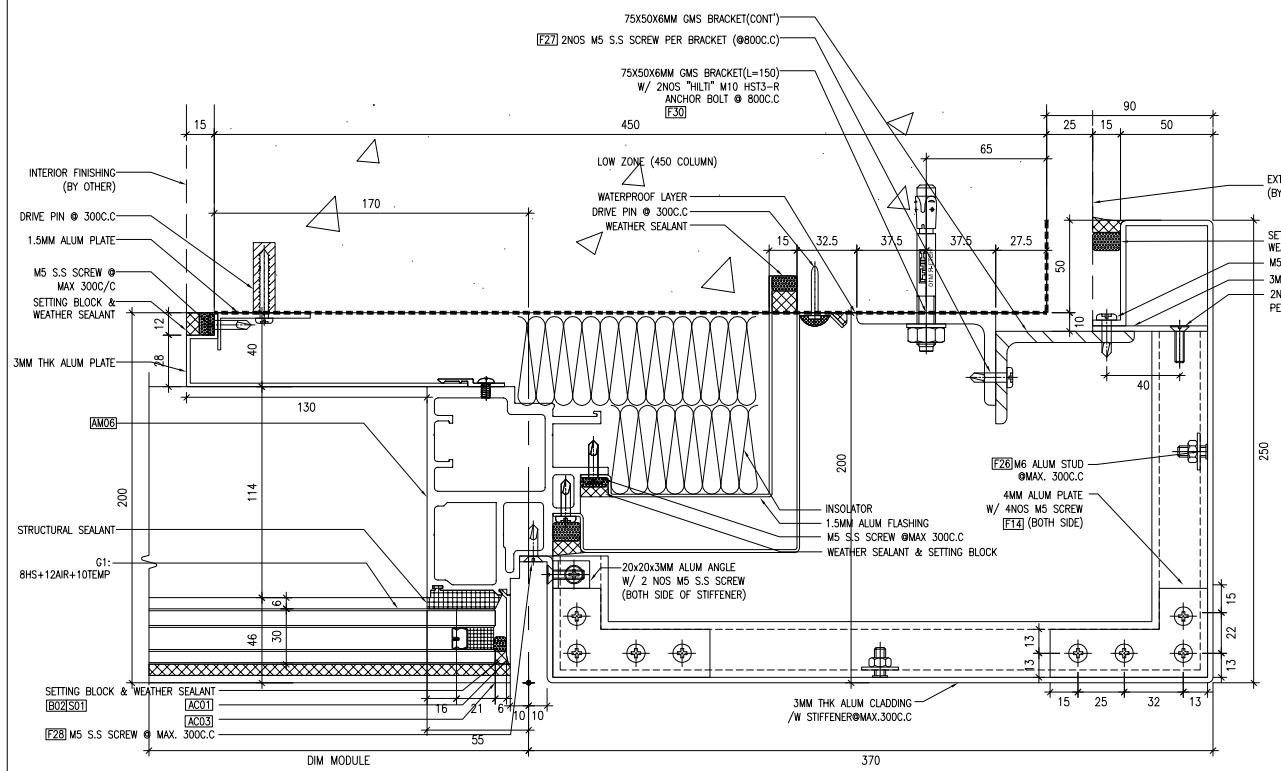
TITLE :
TYPICAL DETAIL
FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

DRAWN BY : C.F | CHECKED BY :

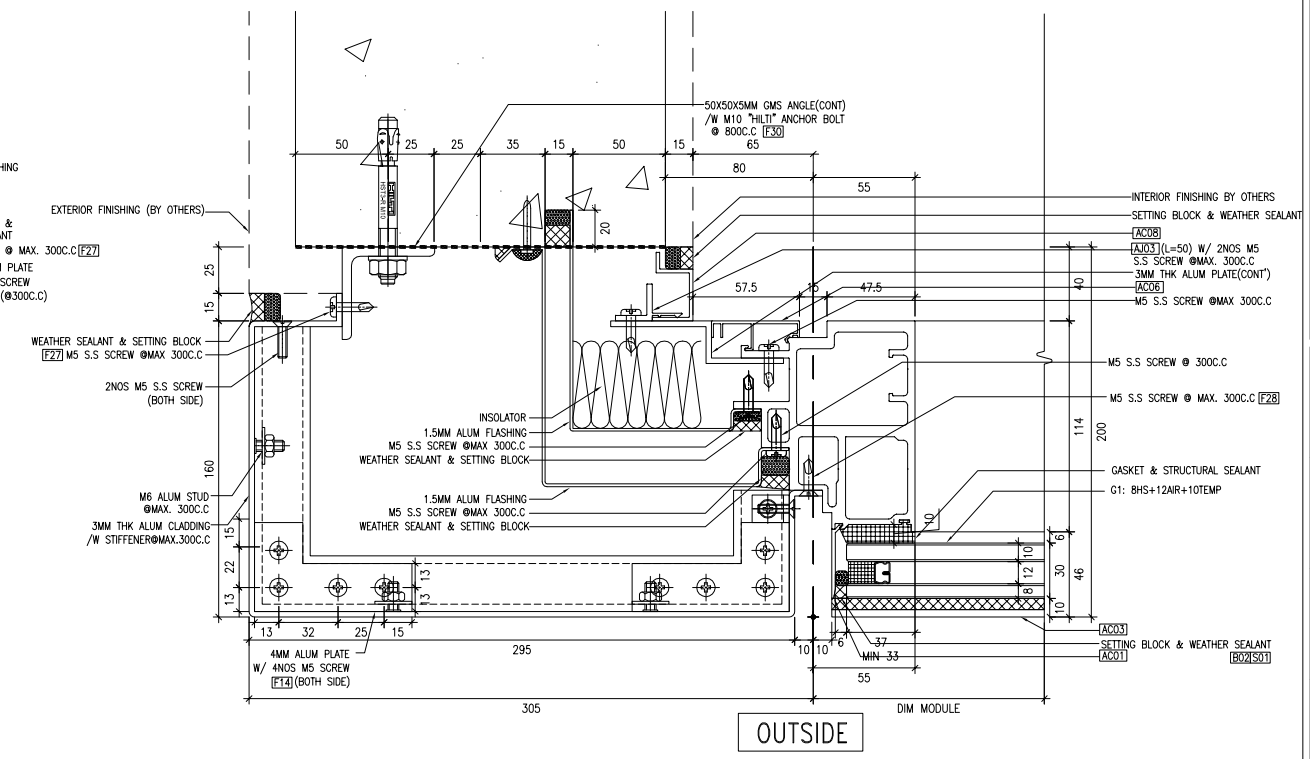
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8035 | REV. : D

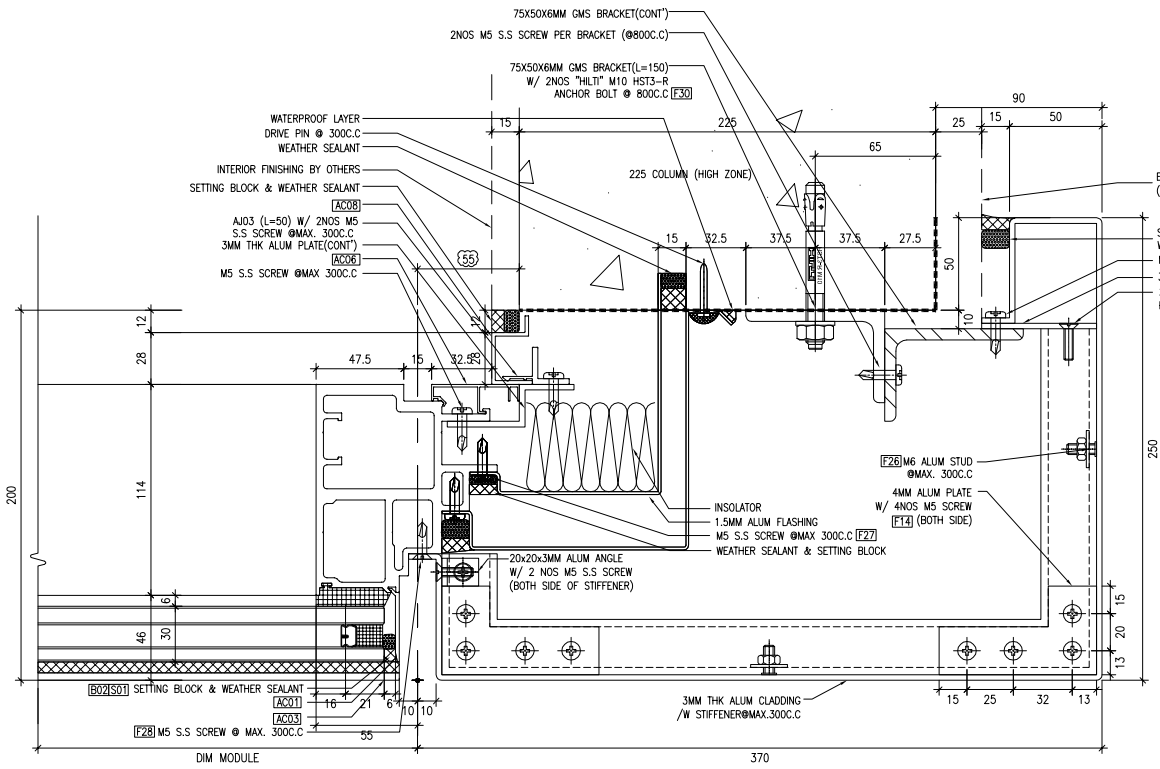


1 8036 *TYPICAL DETAIL OF CURTAIN WALL*

TCW-PE102-1(LOW ZONE 3-12/F)

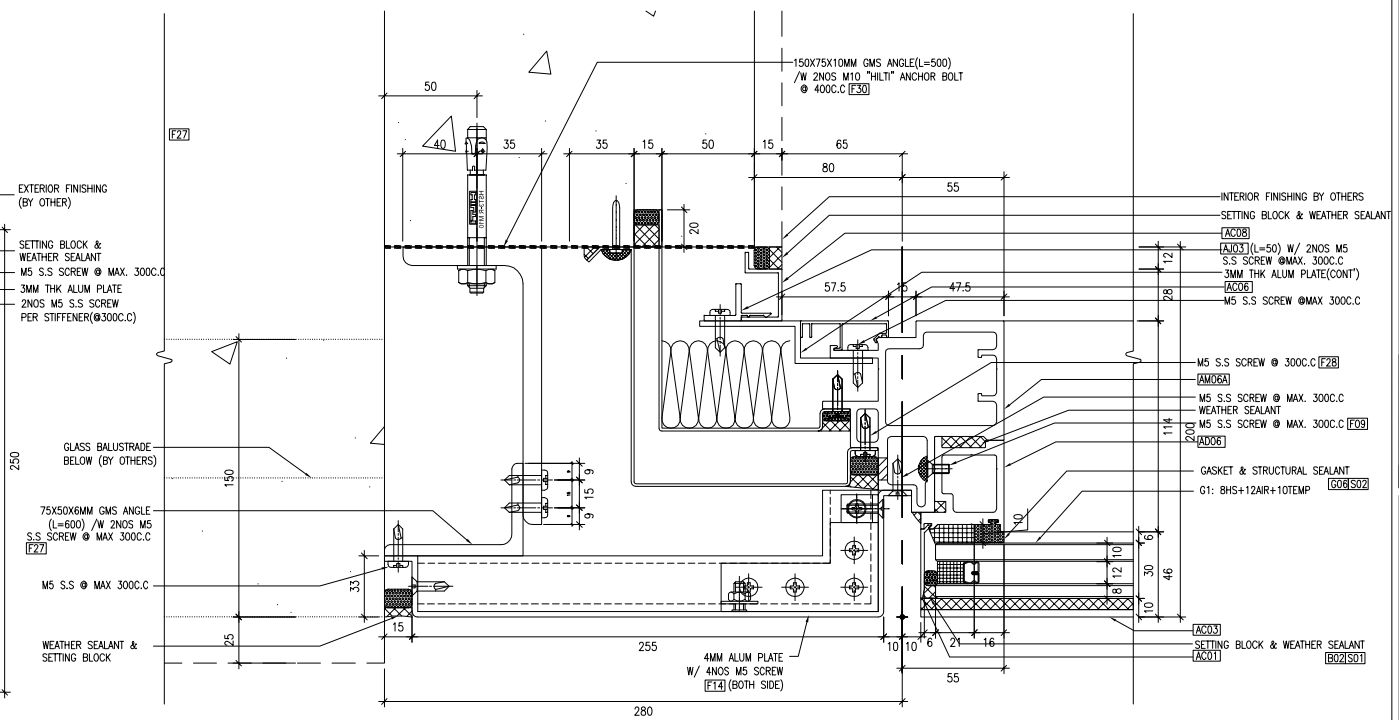


3 8036 *TYPICAL DETAIL OF CURTAIN WALL*



2 8036 *TYPICAL DETAIL OF CURTAIN WALL*

TCW-PE102-1(HIGH ZONE 15-45/F)



4 8036 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :

1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
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LEGEND :

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

NO.	DATE	REVISED	BY
A	02-MAY-2023	5TH SUBMISSION	CF
–	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

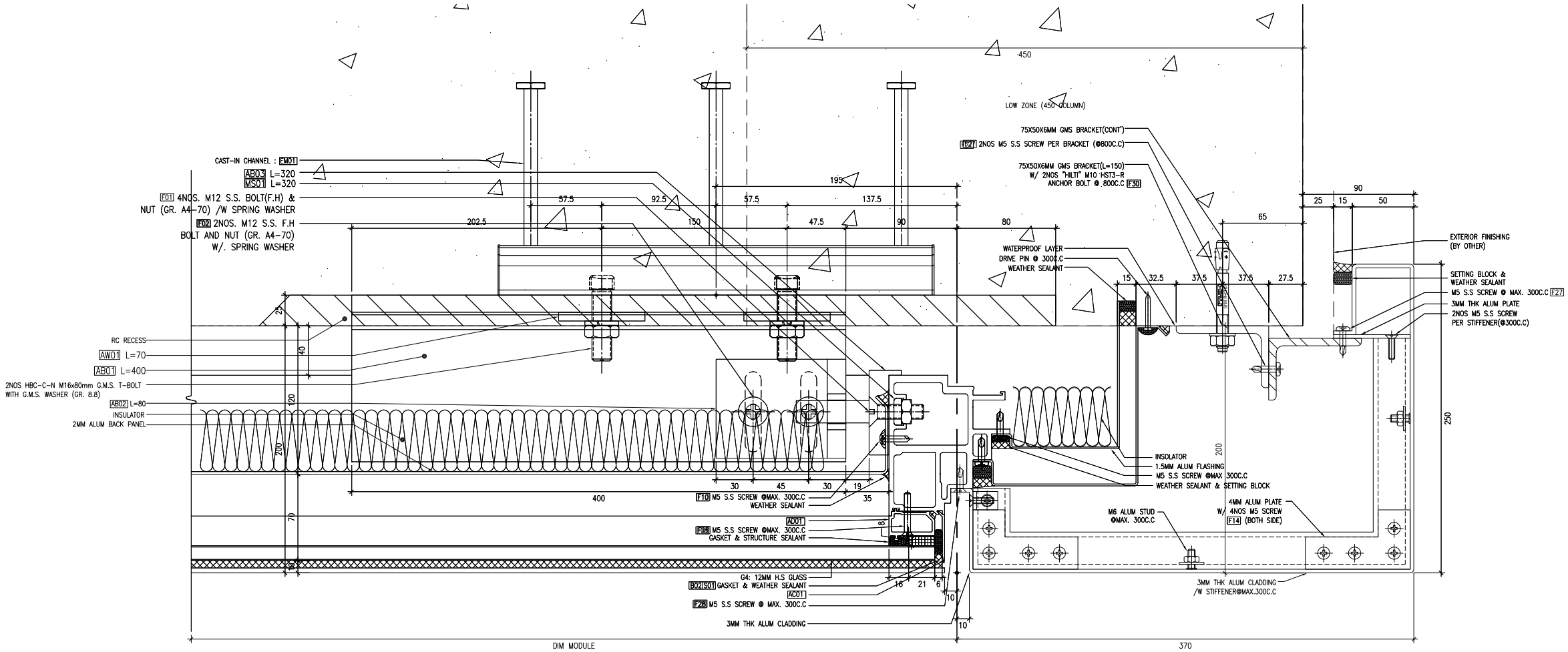
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

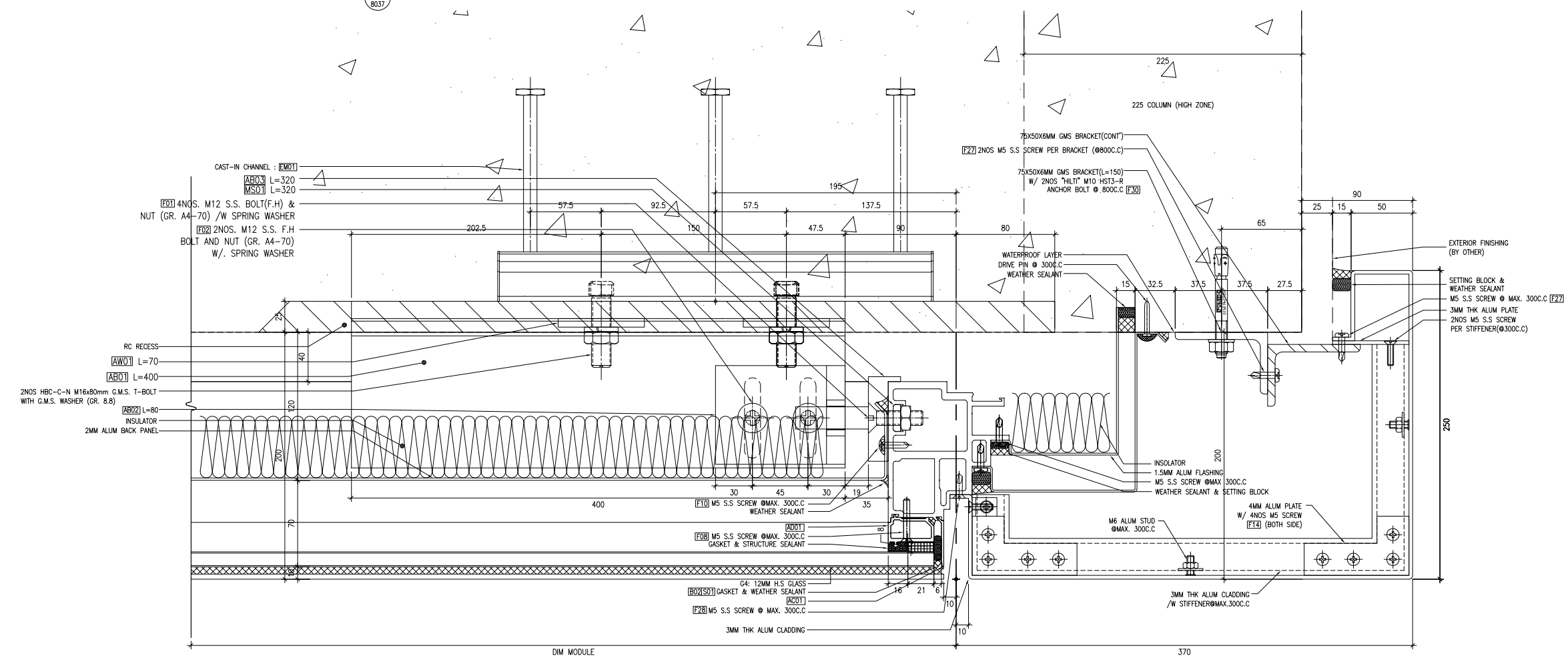
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8036 | REV. : A



1 / 8037 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8037 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

NO.	DATE	REVISED	BY
A	02-MAY-2023	5TH SUBMISSION	CF

JOB NO. : J-856

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

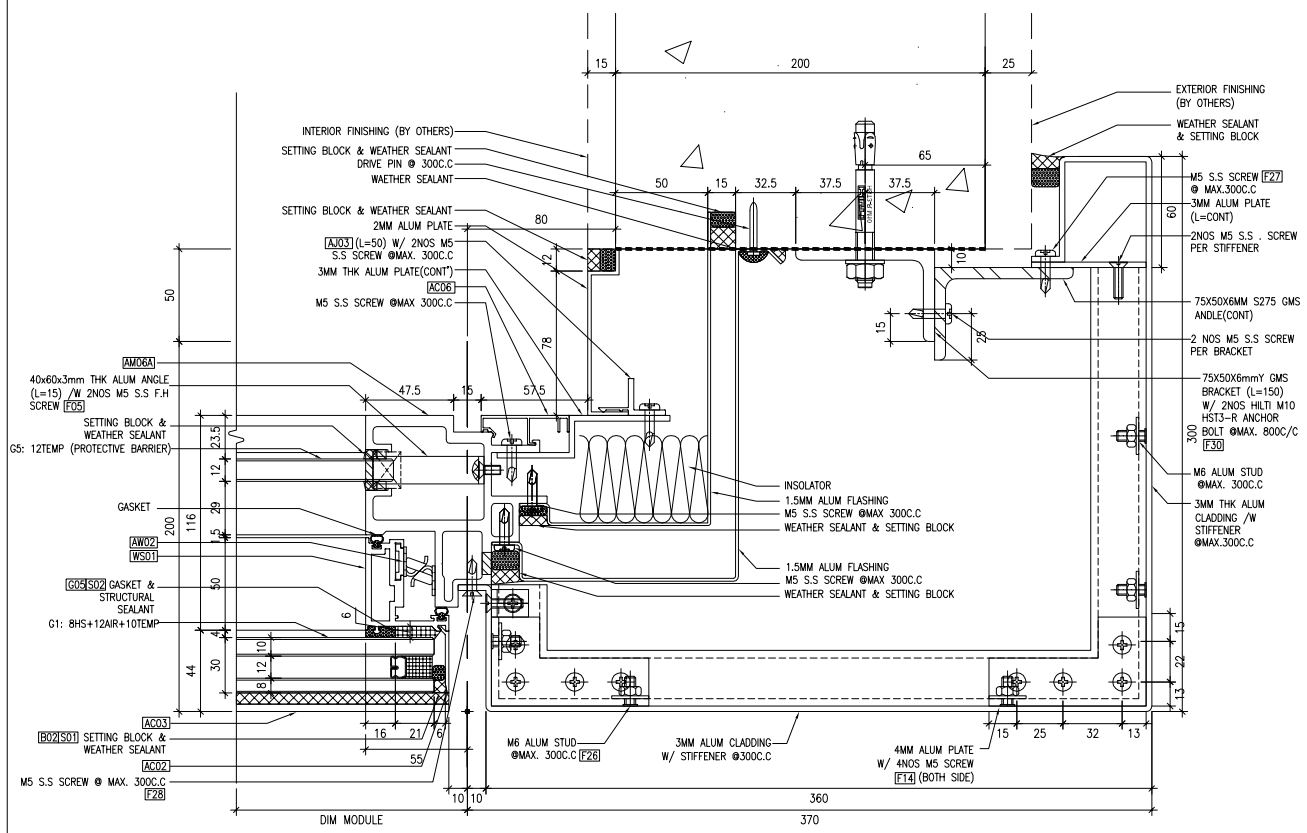
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

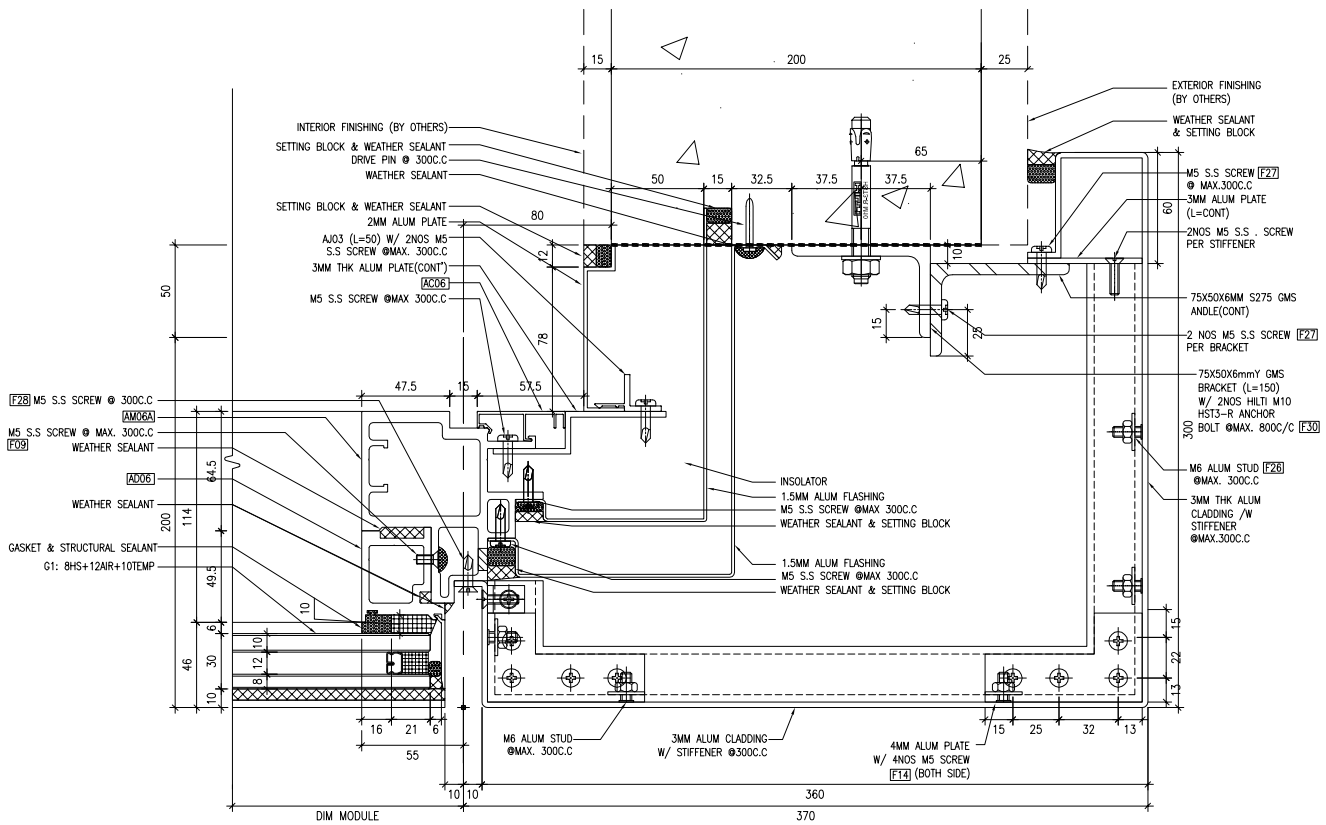
DRAWN BY : C.F | CHECKED BY :

美特鋁質有限公司
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Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
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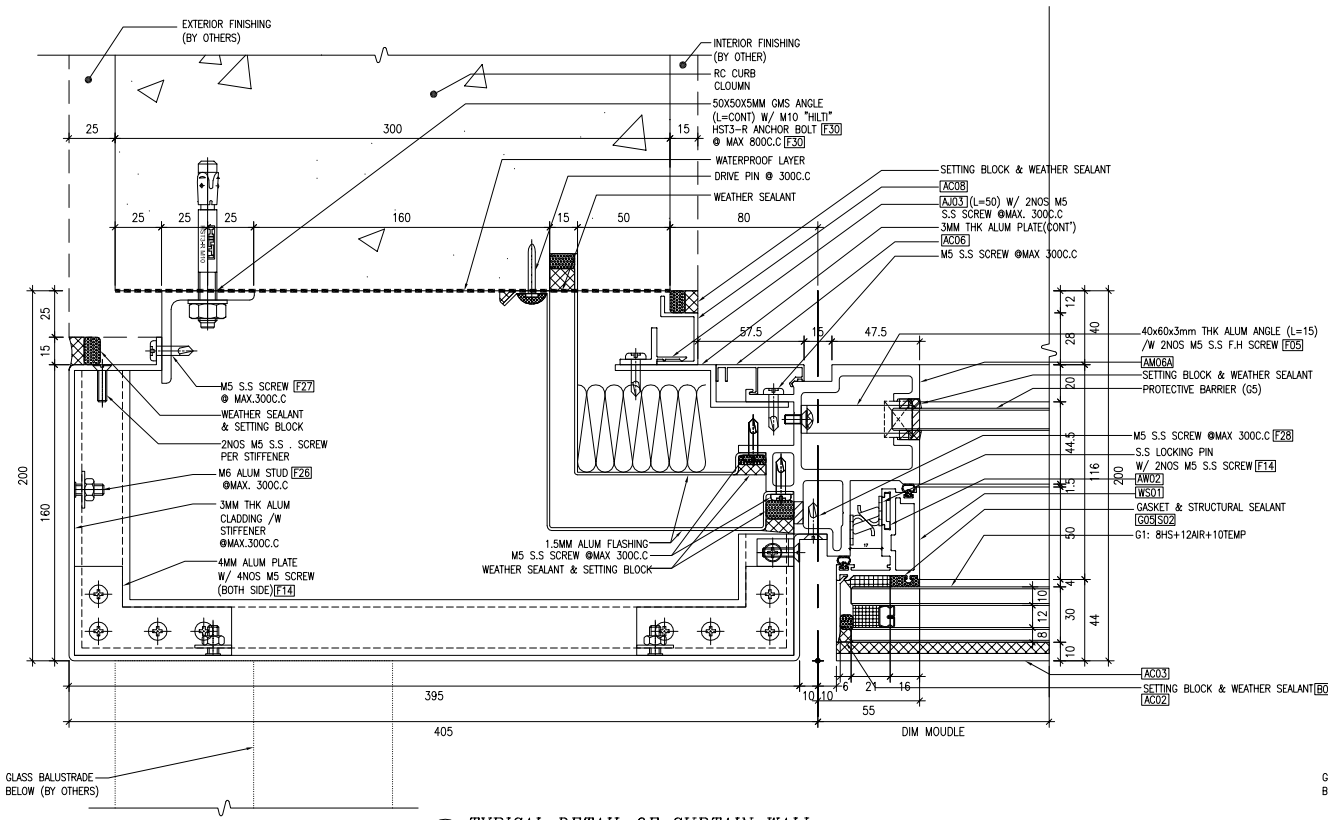
DWG NO. : J856-SD-CW-8037 | REV. : A



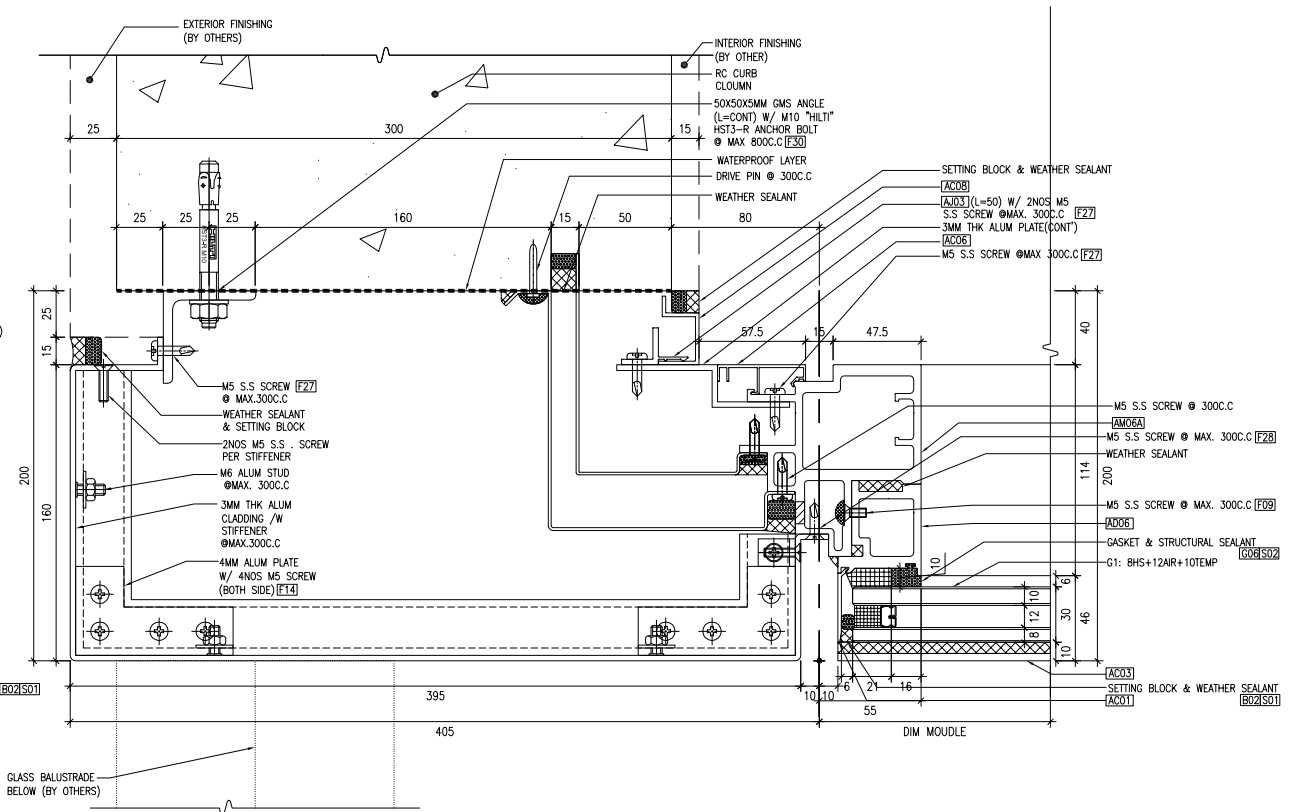
1 8038 *TYPICAL DETAIL OF CURTAIN WALL*



2 8038 *TYPICAL DETAIL OF CURTAIN WALL*



3 8038 *TYPICAL DETAIL OF CURTAIN WALL*



4 8038 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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.

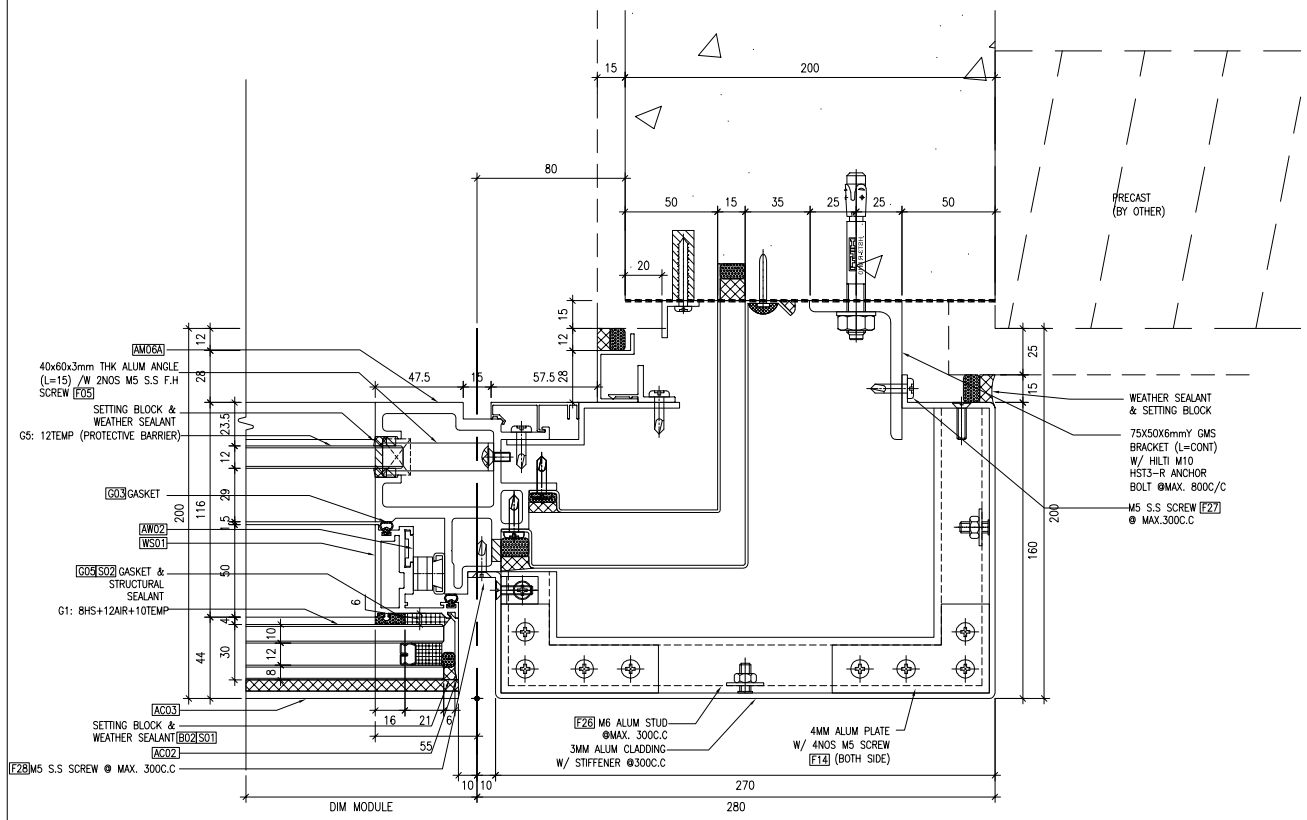
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

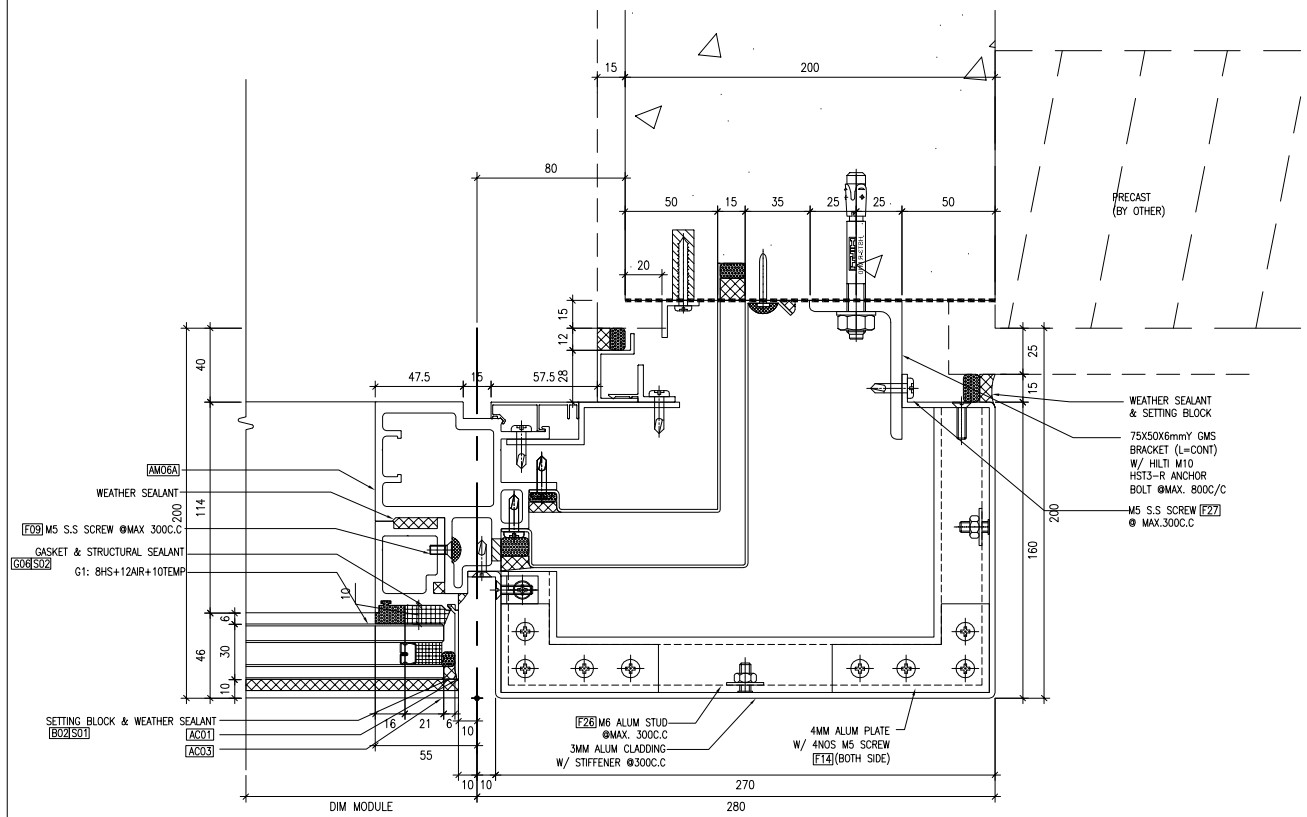
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8038 | REV. : -



1 / 8039 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8039 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

NO CHANGE

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :

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3. /R --REVERSED DETAIL

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.

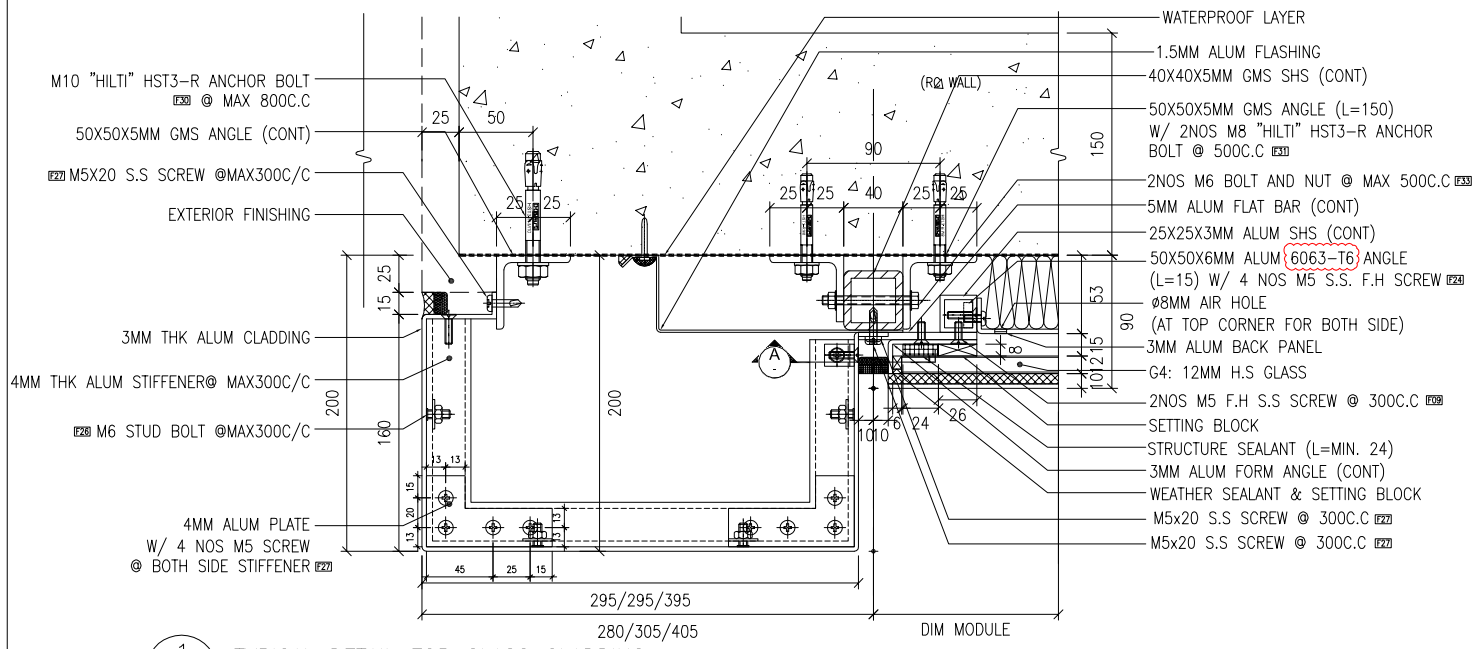
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

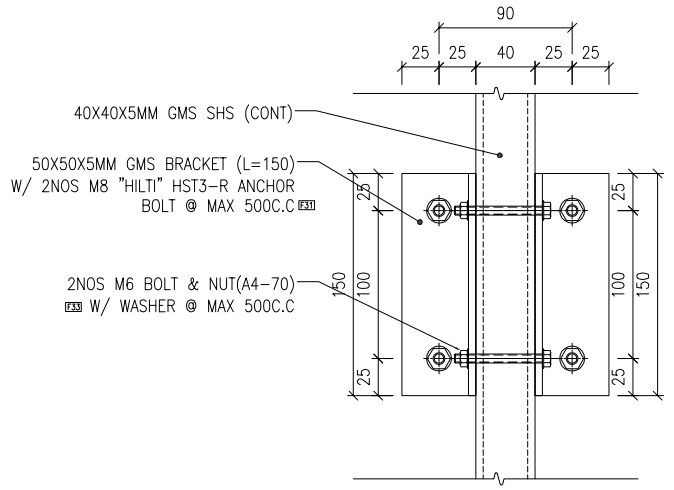
DRAWN BY : C.F | CHECKED BY :

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610 Cha Kwo Ling Road, Kowloon
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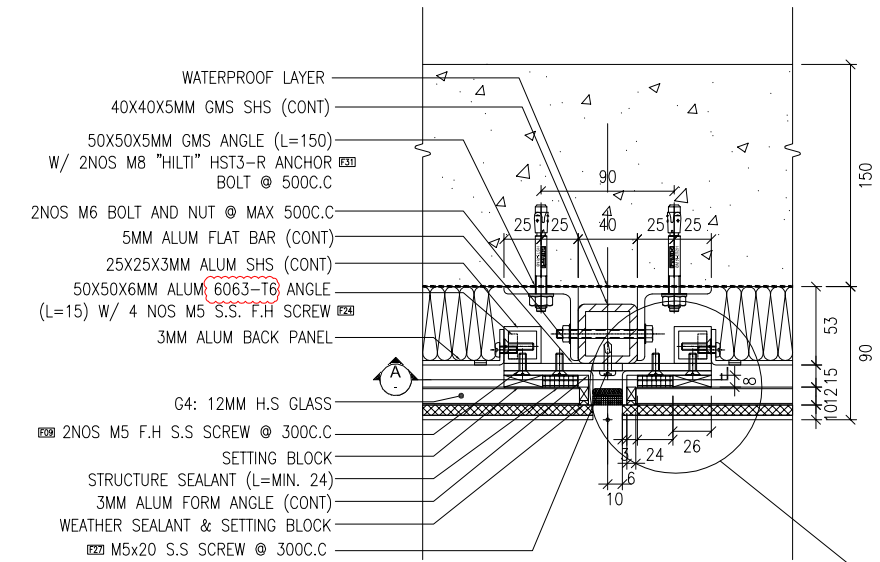
DWG NO. : J856-SD-CW-8039 | REV. : -



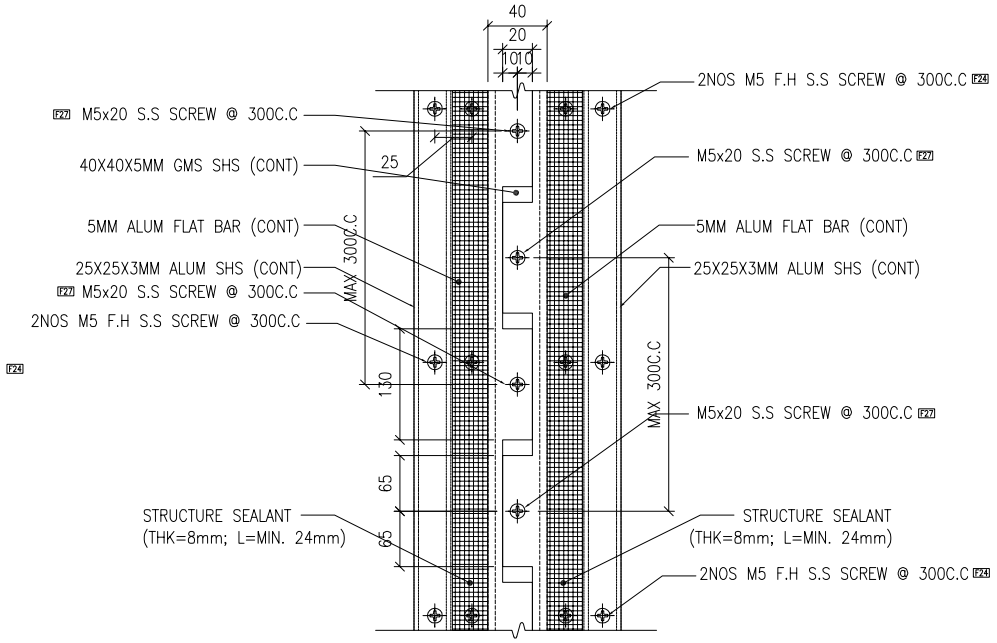
1 / 8040 TYPICAL DETAIL FOR GLASS CLADDING



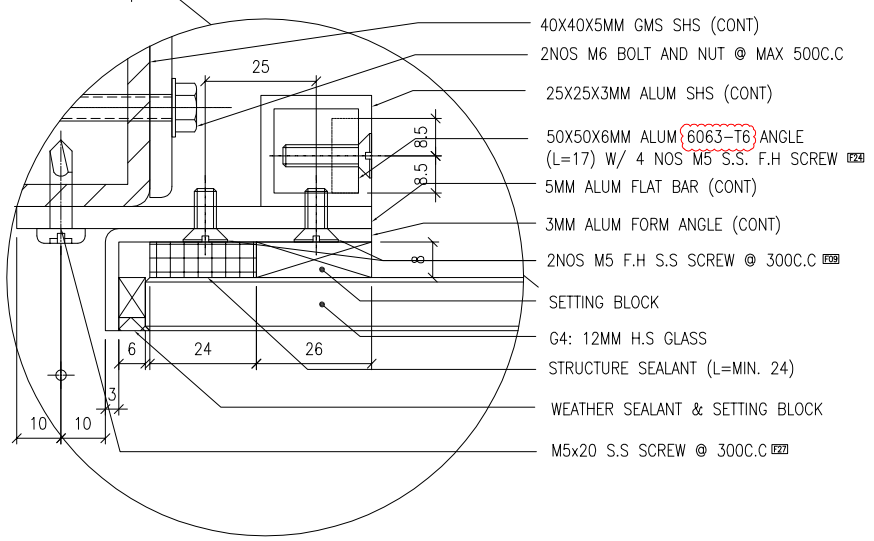
A / 8040 SECTION DETAIL FOR GLASS CLADDING (TYPICAL FIXING)



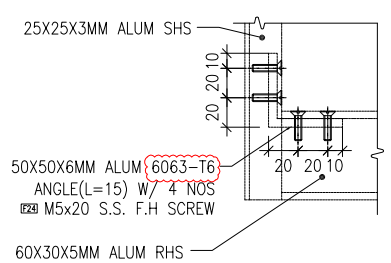
2 / 8040 TYPICAL DETAIL FOR GLASS CLADDING (TYPICAL MIDDLE)



2A / 8040 JOINT LOCATION DETAIL



C / 8040 BLOW UP DETAIL



3 / 8040 TYPICAL DETAIL FOR GLASS CLADDING (INNER CONNECTION FOR MULLION & TRANSOM) FOR INSTALLATION ONLY

B.D. REF :

NEW DRAWING

CLIENT :

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

ARCHITECT :

lwk&partners architects

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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LEGEND :
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3. /R --REVERSED DETAIL

NO.	DATE	REVISED	BY
A	30-OCT-2023	9TH SUBMISSION	CF
–	31-JUL-2023	NEW DRAWING (7TH SUBMISSION)	CF

JOB NO. : J-856

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

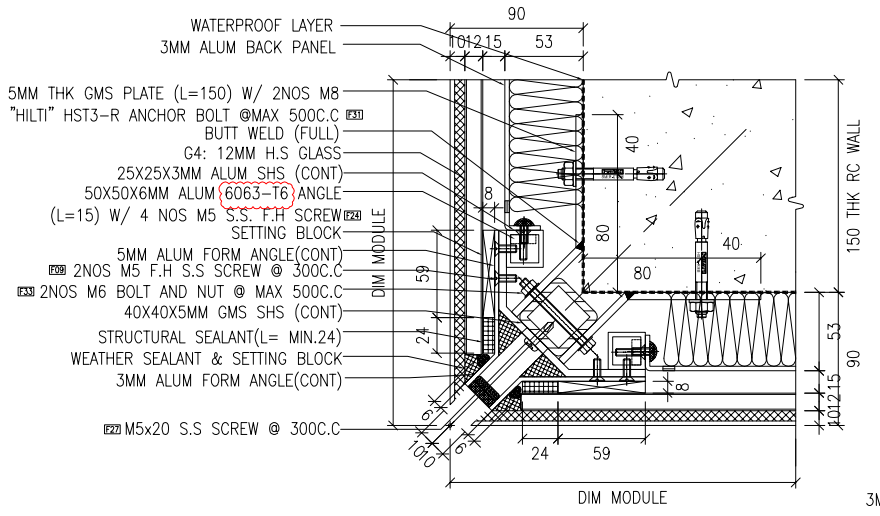
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL (GLASS CLADDING)

DATE : 23-MAY-23 | SCALE : 1:5

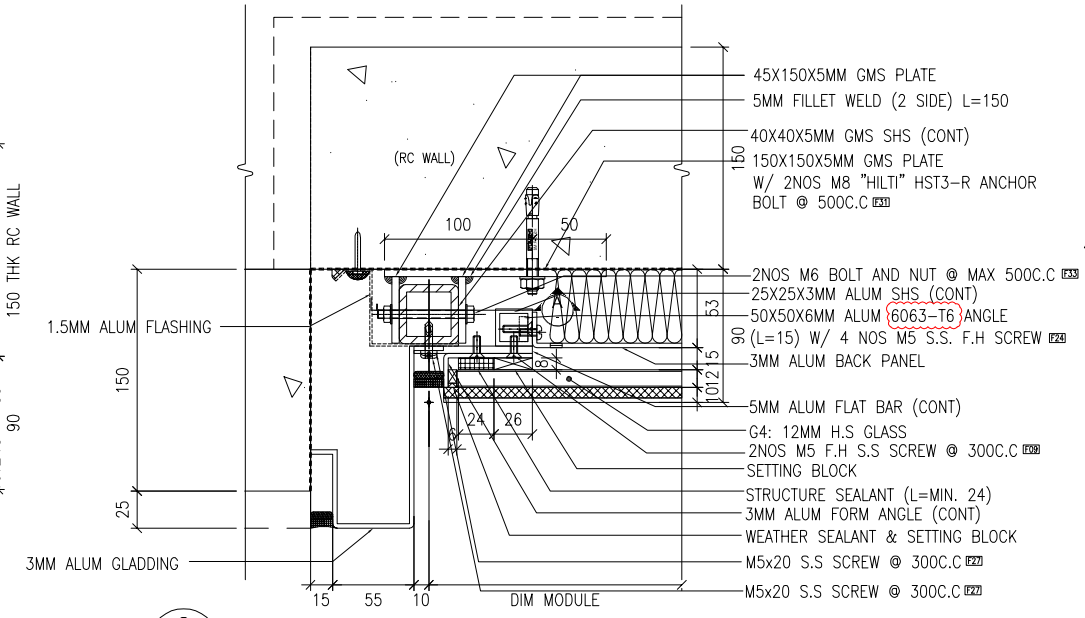
DRAWN BY : C.F | CHECKED BY :

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

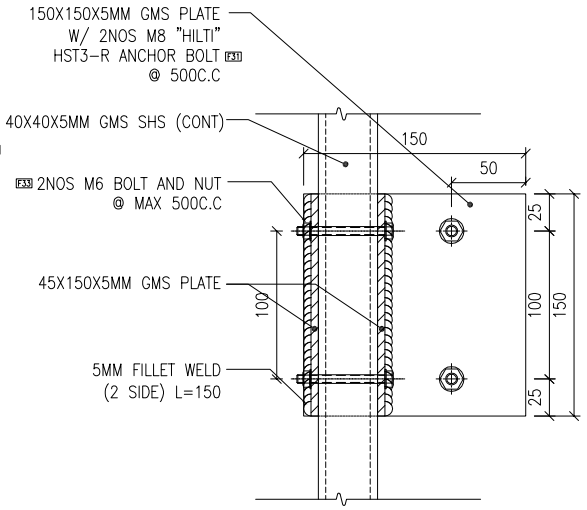
DWG NO. : J856-SD-CW-8040 | REV. : A



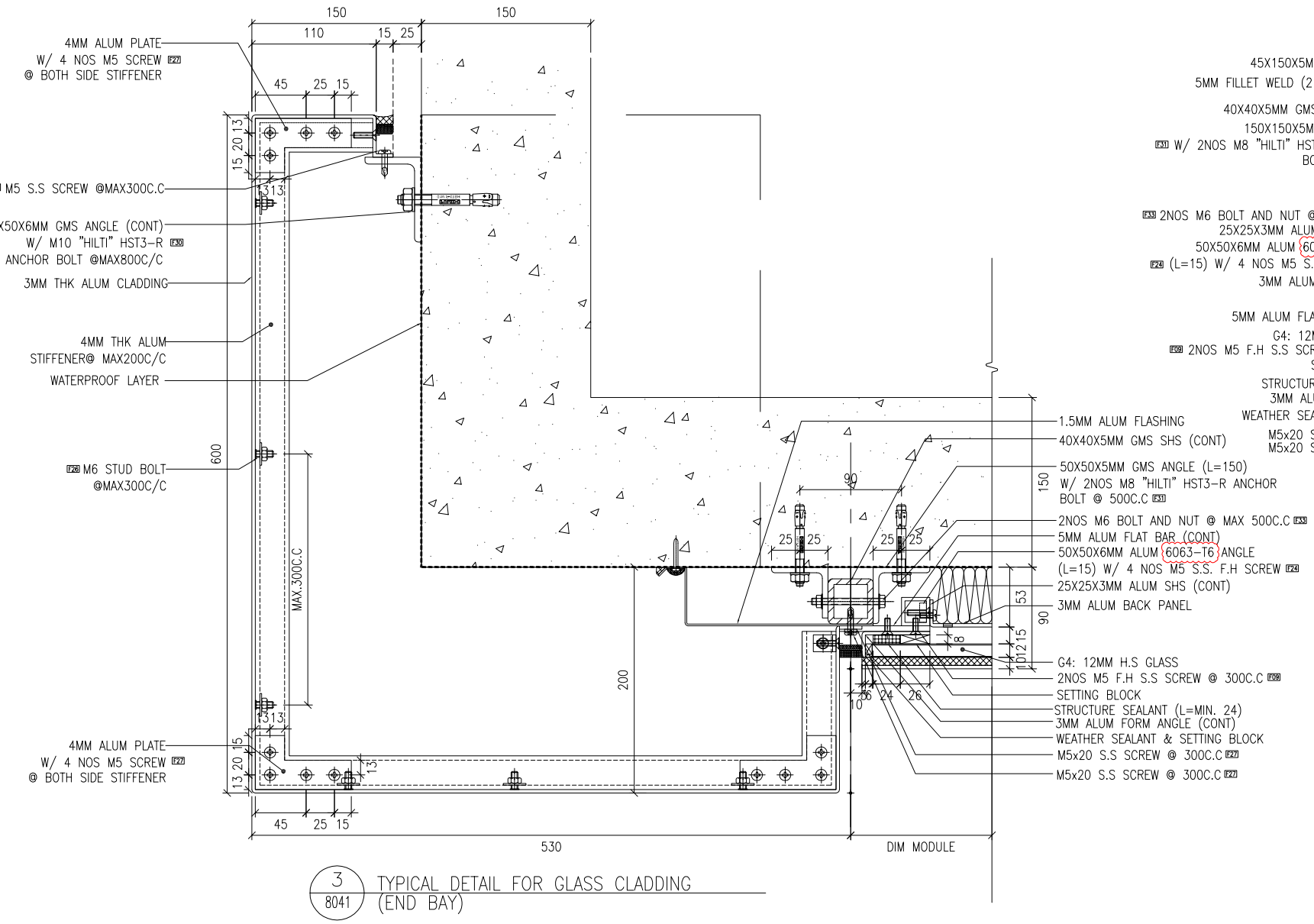
1 / 8041 TYPICAL DETAIL FOR GLASS CLADDING (CORNER)



2 / 8041 TYPICAL DETAIL FOR GLASS CLADDING (END BAY)



A / 8041 SECTION DETAIL FOR GLASS CLADDING (TYPICAL FIXING)



3 / 8041 TYPICAL DETAIL FOR GLASS CLADDING (END BAY)

4 / 8041 TYPICAL DETAIL FOR GLASS CLADDING (END BAY)

B.D. REF :

NEW DRAWING

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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3. (R) --REVERSED DETAIL

NO.	DATE	REVISED	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.

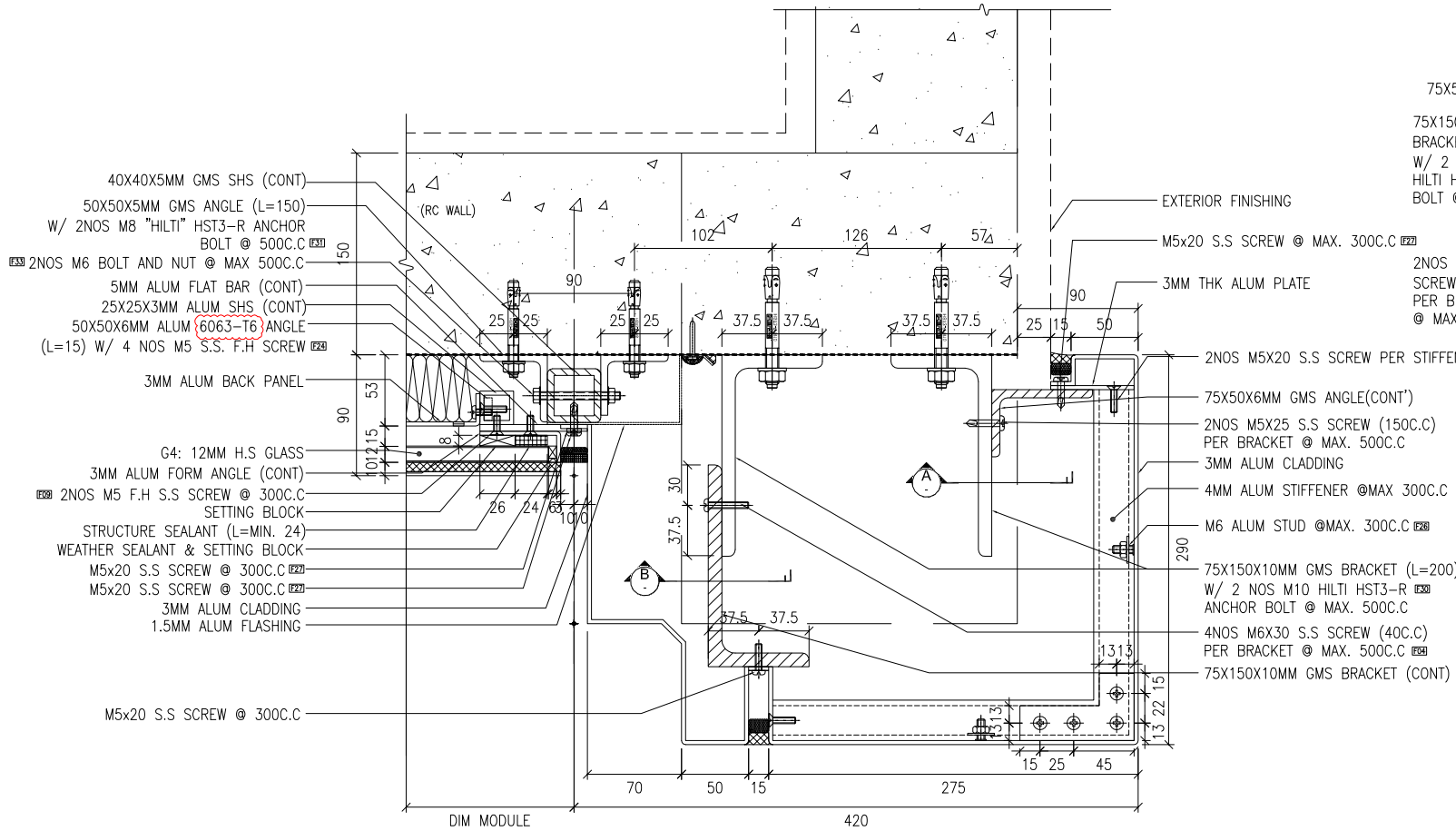
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL (GLASS CLADDING)

DATE : 23-MAY-23 | SCALE : 1:5

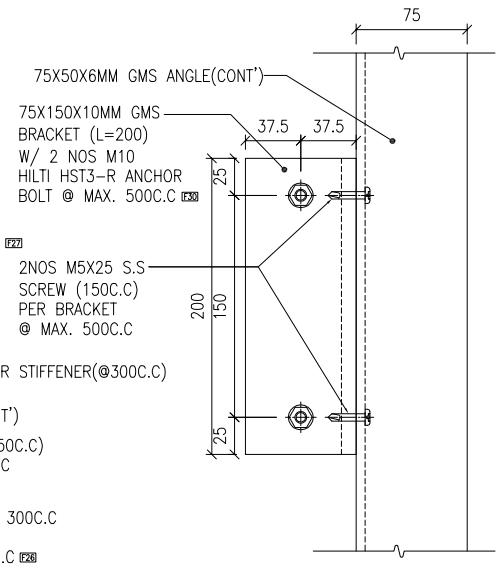
DRAWN BY : C.F | CHECKED BY :

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

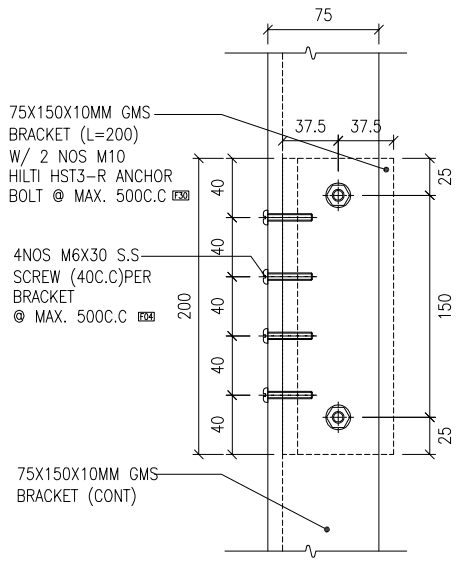
DWG NO. : J856-SD-CW-8041 | REV. : A



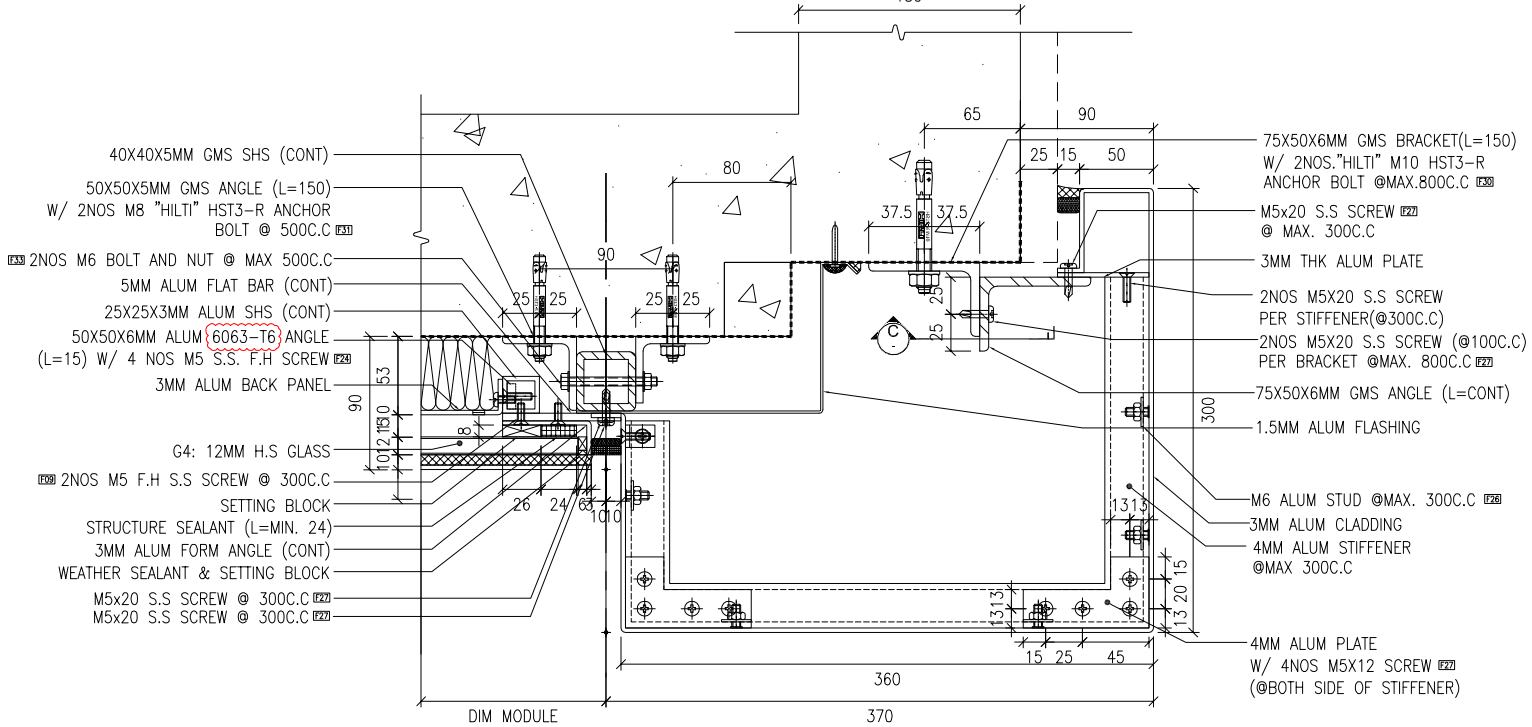
1 / 8042 TYPICAL DETAIL FOR GLASS CLADDING (END BAY)



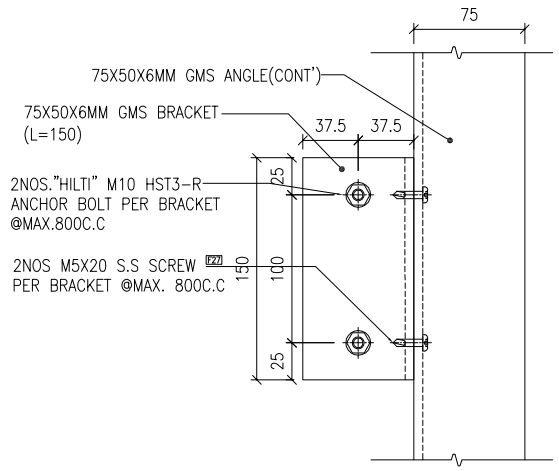
A / 8042 SECTION DETAIL



B / 8042 SECTION DETAIL



2 / 8042 TYPICAL DETAIL FOR GLASS CLADDING (END BAY)



C / 8042 SECTION DETAIL

B.D. REF :

NEW DRAWING

CLIENT :

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

ARCHITECT :

lwk&partners architects

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
A	30-OCT-2023	9TH SUBMISSION	CF
–	31-JUL-2023	NEW DRAWING (7TH SUBMISSION)	CF

JOB NO. : J-856

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

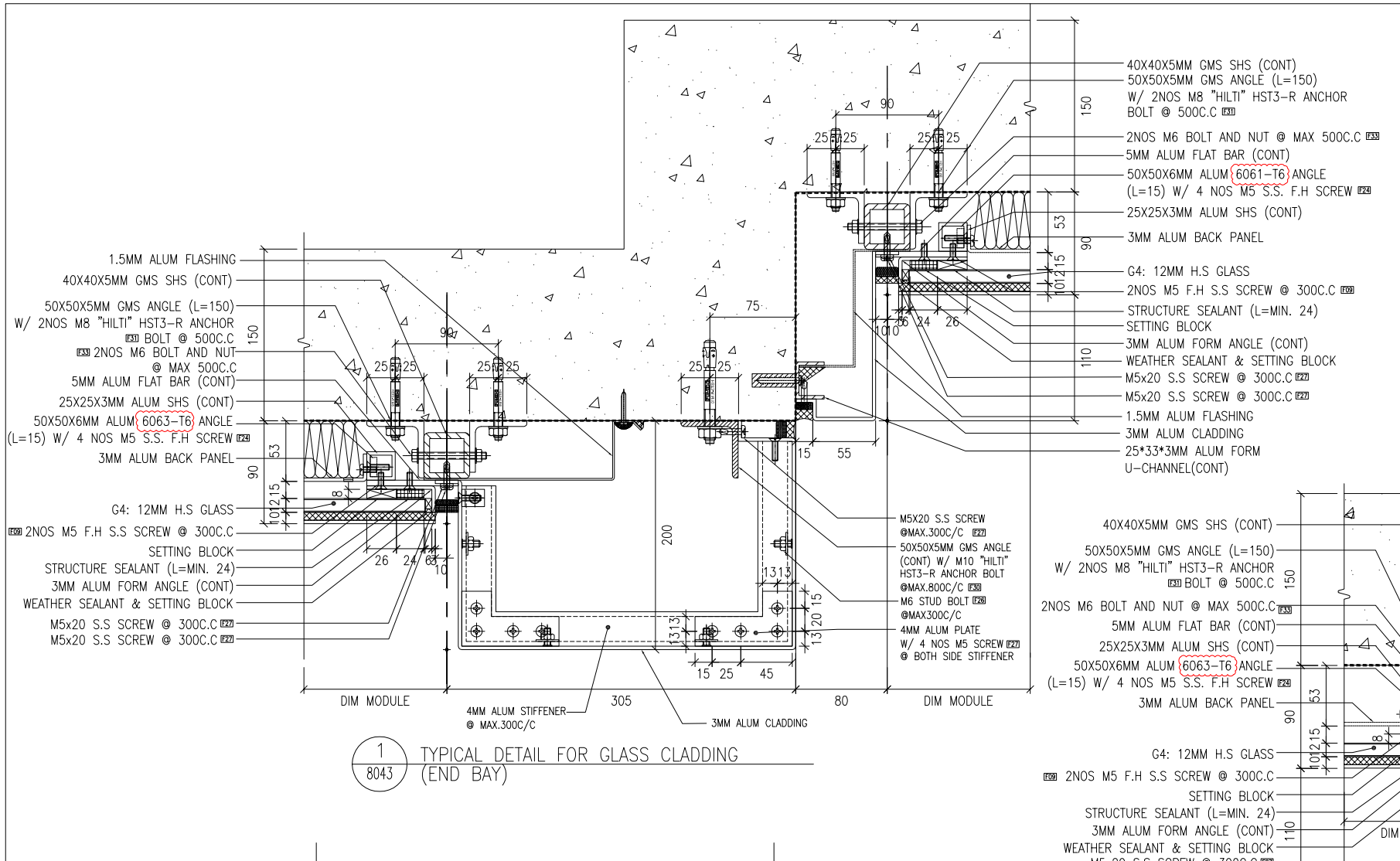
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL (GLASS CLADDING)

DATE : 23-MAY-23 | SCALE : 1:5

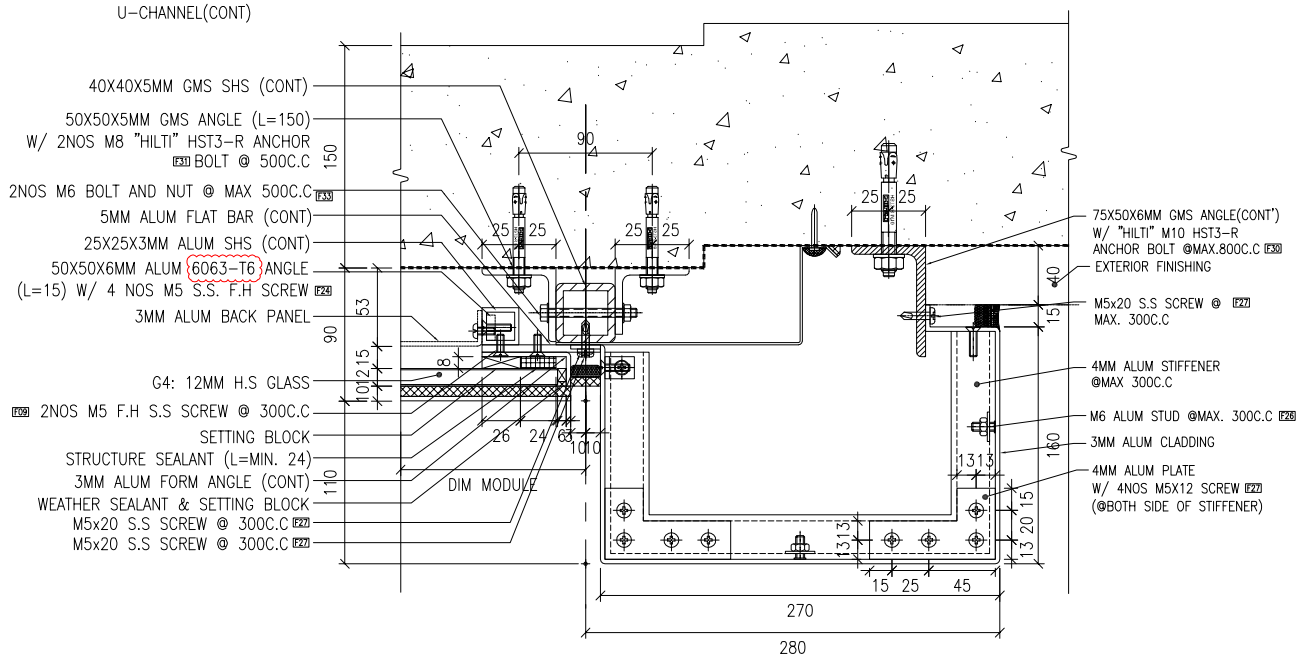
DRAWN BY : C.F | CHECKED BY :

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

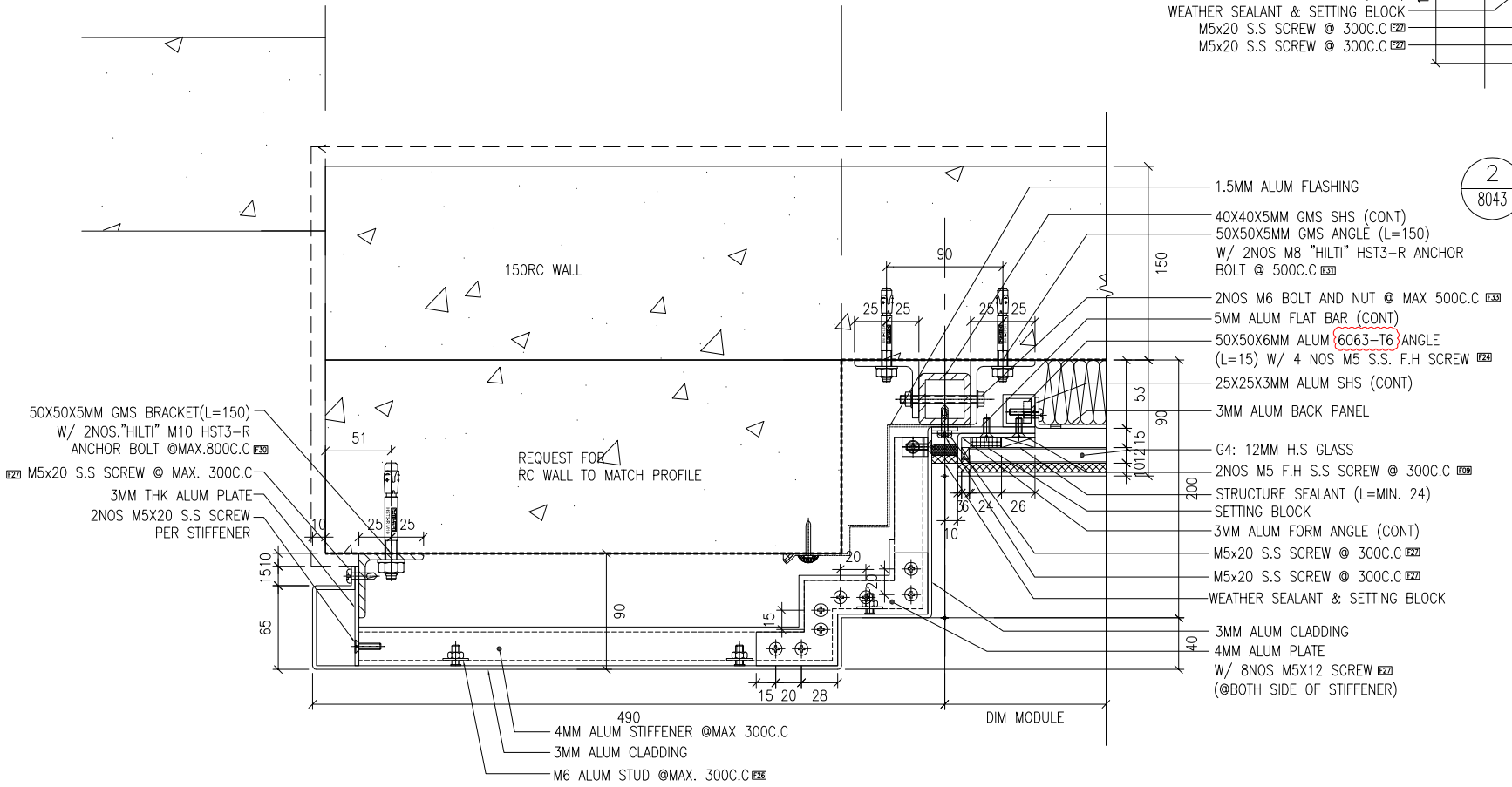
DWG NO. : J856-SD-CW-8042 | REV. : A



1 / 8043 TYPICAL DETAIL FOR GLASS CLADDING (END BAY)



2 / 8043 TYPICAL DETAIL FOR GLASS CLADDING (END BAY)



3 / 8043 TYPICAL DETAIL FOR GLASS CLADDING (END BAY)

B.D. REF :

NEW DRAWING

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
A	30-OCT-2023	9TH SUBMISSION	CF
–	31-JUL-2023	NEW DRAWING (7TH SUBMISSION)	CF

JOB NO. : J-856

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

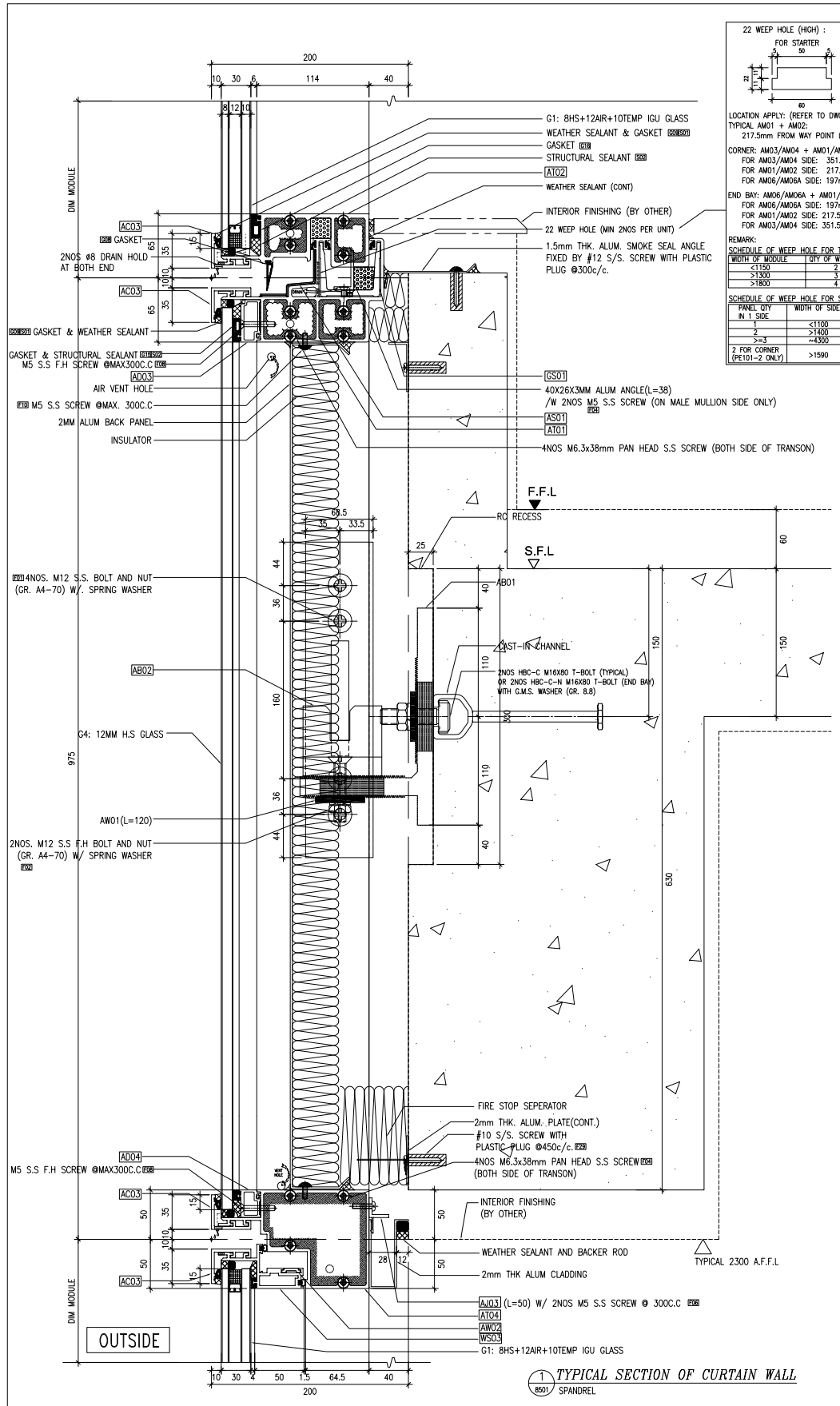
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL (GLASS CLADDING)

DATE : 23-MAY-23 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

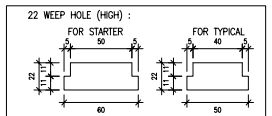
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8043 | REV. : A



1 8501 *TYPICAL SECTION OF CURTAIN WALL*
SPANDREL

22 WEEP HOLE (HIGH) :



LOCATION APPLY: (REFER TO DWG: D32/8510A)
TYPICAL AM01 + AM02:
217.5mm FROM WAY POINT (BOTH SIDE)

CORNER: AM03/AM04 + AM01/AM02 OR AM06/AM06A:
FOR AM03/AM04 SIDE: 351.5mm FROM WAY POINT
FOR AM01/AM02 SIDE: 217.5mm FROM WAY POINT
FOR AM06/AM06A SIDE: 197mm FROM WAY POINT

END BAY: AM06/AM06A + AM01/AM02 OR AM03/AM04:
FOR AM06/AM06A SIDE: 197mm FROM WAY POINT
FOR AM01/AM02 SIDE: 217.5mm FROM WAY POINT
FOR AM03/AM04 SIDE: 351.5mm FROM WAY POINT

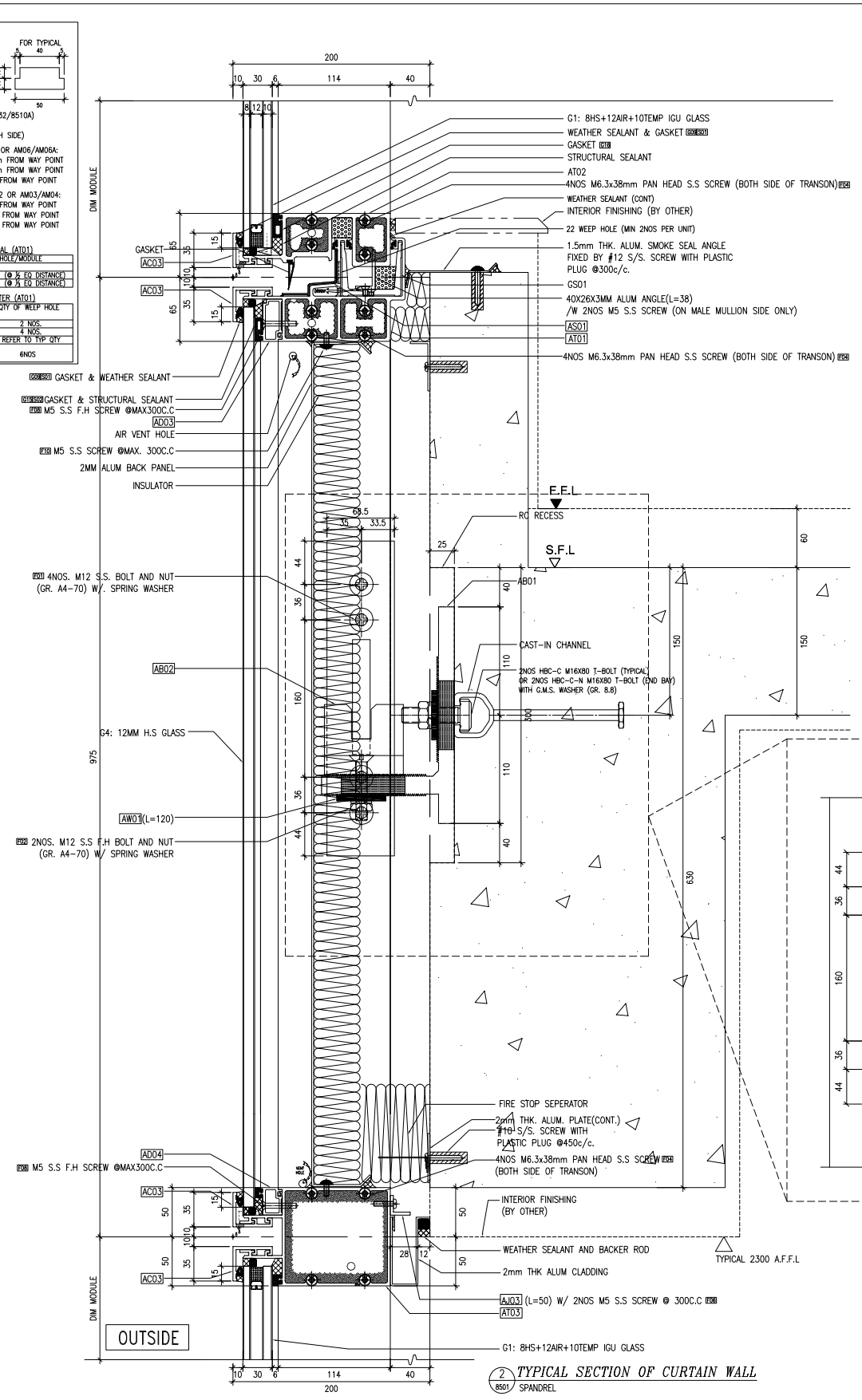
REMARK:

SCHEDULE OF WEEP HOLE FOR TYPICAL (AT01)

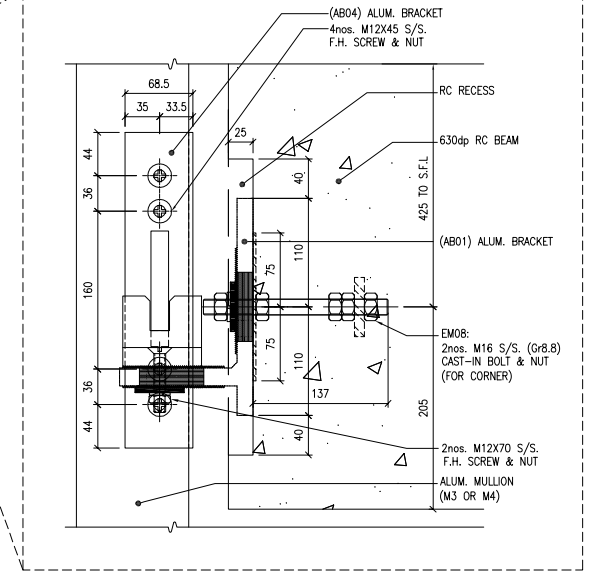
WIDTH OF MODULE	QTY OF WEEP HOLE/MODULE
<1150	2 NOS.
>1300	3 NOS. (@ ⅓ EQ DISTANCE)
>1800	4 NOS. (@ ¼ EQ DISTANCE)

SCHEDULE OF WEEP HOLE FOR STARTER (AT01)

PANEL QTY IN 1 SIDE	WIDTH OF SIDE	QTY OF WEEP HOLE
1	<1100	2 NOS.
2	>1400	4 NOS.
>=3	<4300	REFER TO TYP QTY
2 FOR CORNER (PE101~2 ONLY)	>1590	6NOS



2 8501 *TYPICAL SECTION OF CURTAIN WALL*
SPANDREL



2A 8501 *SECTION DETAIL OF CURTAIN WALL*
FIXING FOR CORNER

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
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2. S.F.L. --STRUCTURAL FLOOR LEVEL
3. (R) --REVERSED DETAIL

NO.	DATE	REVISED	BY
E	22-AUG-2023	7TH SUBMISSION	CF
D	30-MAY-2023	6TH SUBMISSION	CF
C	10-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

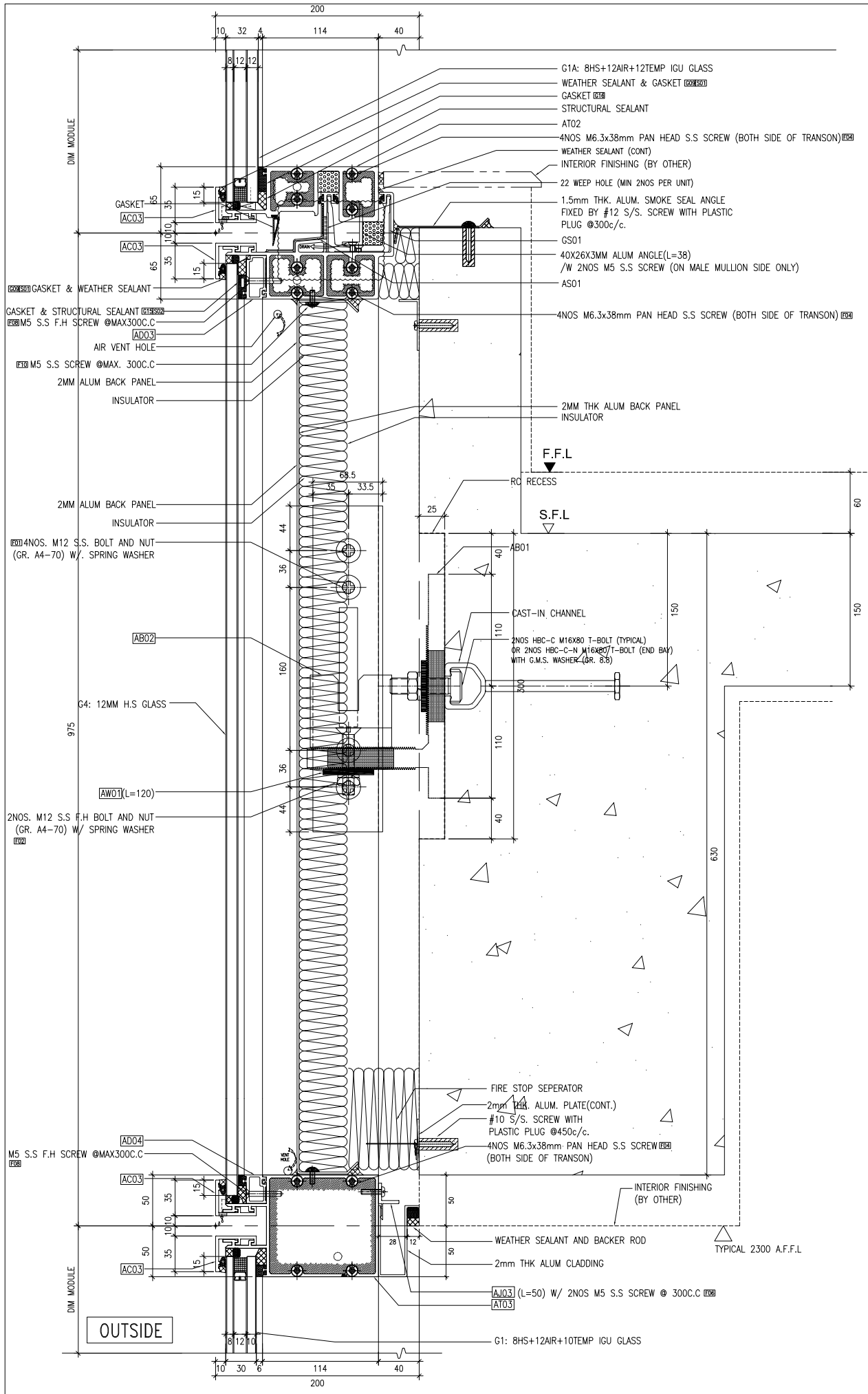
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:6

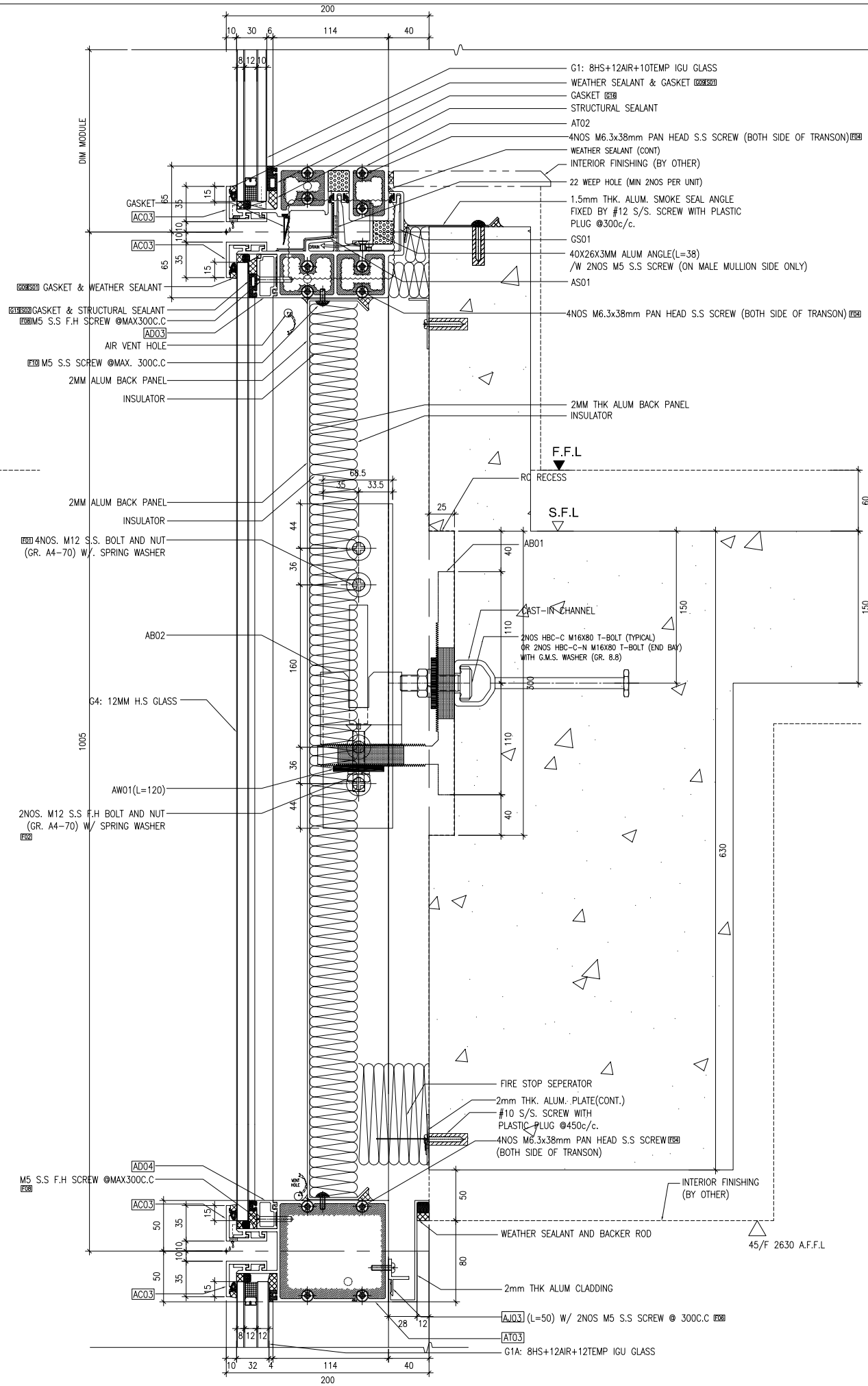
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8501 | REV. : E



1 8501A *TYPICAL SECTION OF CURTAIN WALL*
SPANDREL



2 8501A *TYPICAL SECTION OF CURTAIN WALL*
SPANDREL

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

NO.	DATE	REVISED	BY
D	30-MAY-2023	6TH SUBMISSION	CF
C	10-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
-	21-NOV-2022		CF

JOB NO. : J-856

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

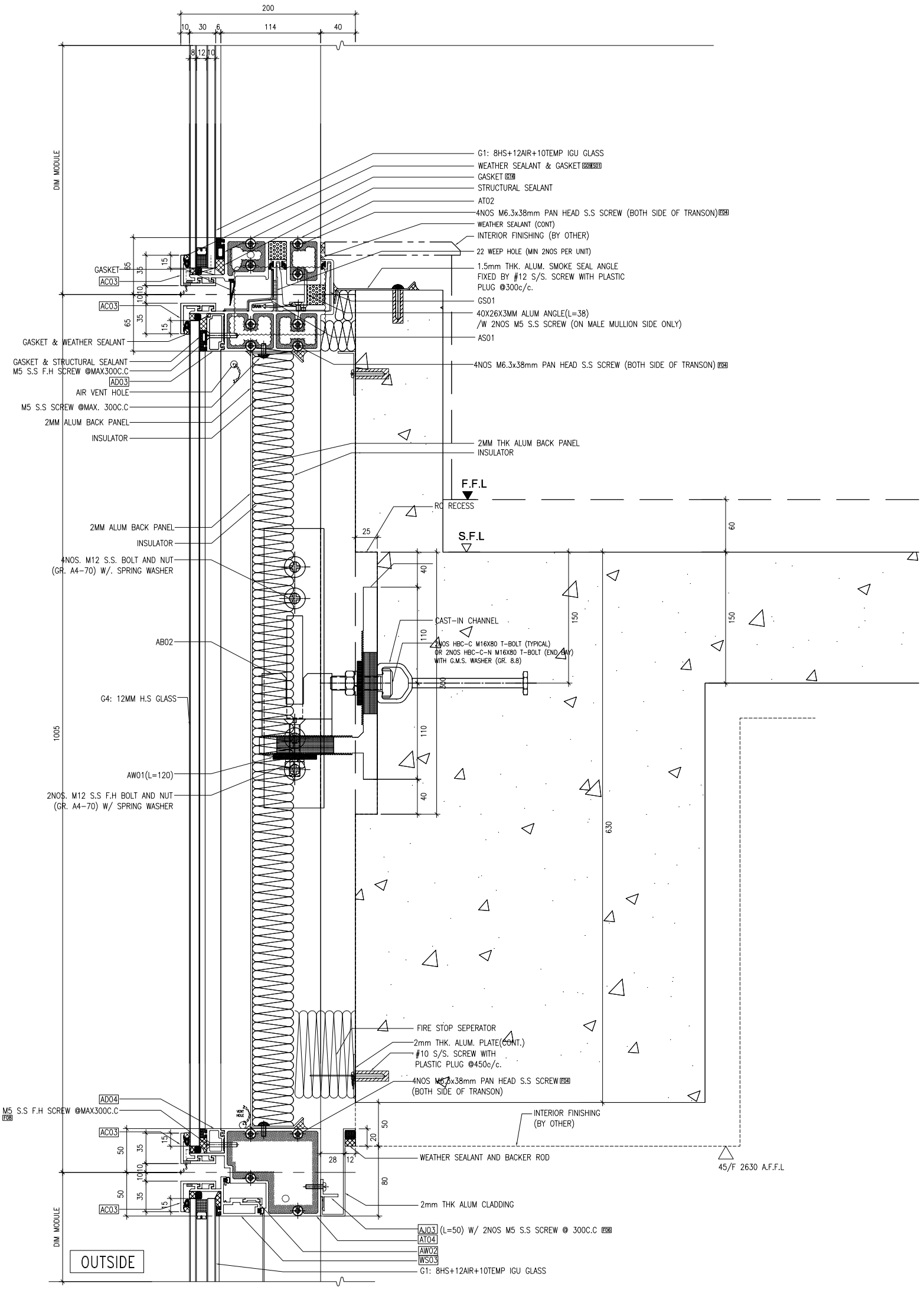
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8501A | REV. : D



2 / 8501B *TYPICAL SECTION OF CURTAIN WALL*
SPANDREL (45/F TO 46/F)

NOTE :
1. ALL DIMENSIONS ARE IN mm.
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LEGEND :
X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REMRD	BY
B	30-MAY-2023	6TH SUBMISSION	CF
A	10-MAY-2023	5TH SUBMISSION	CF
-	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	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 :
TYPICAL DETAIL
FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8501B | REV. : B

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

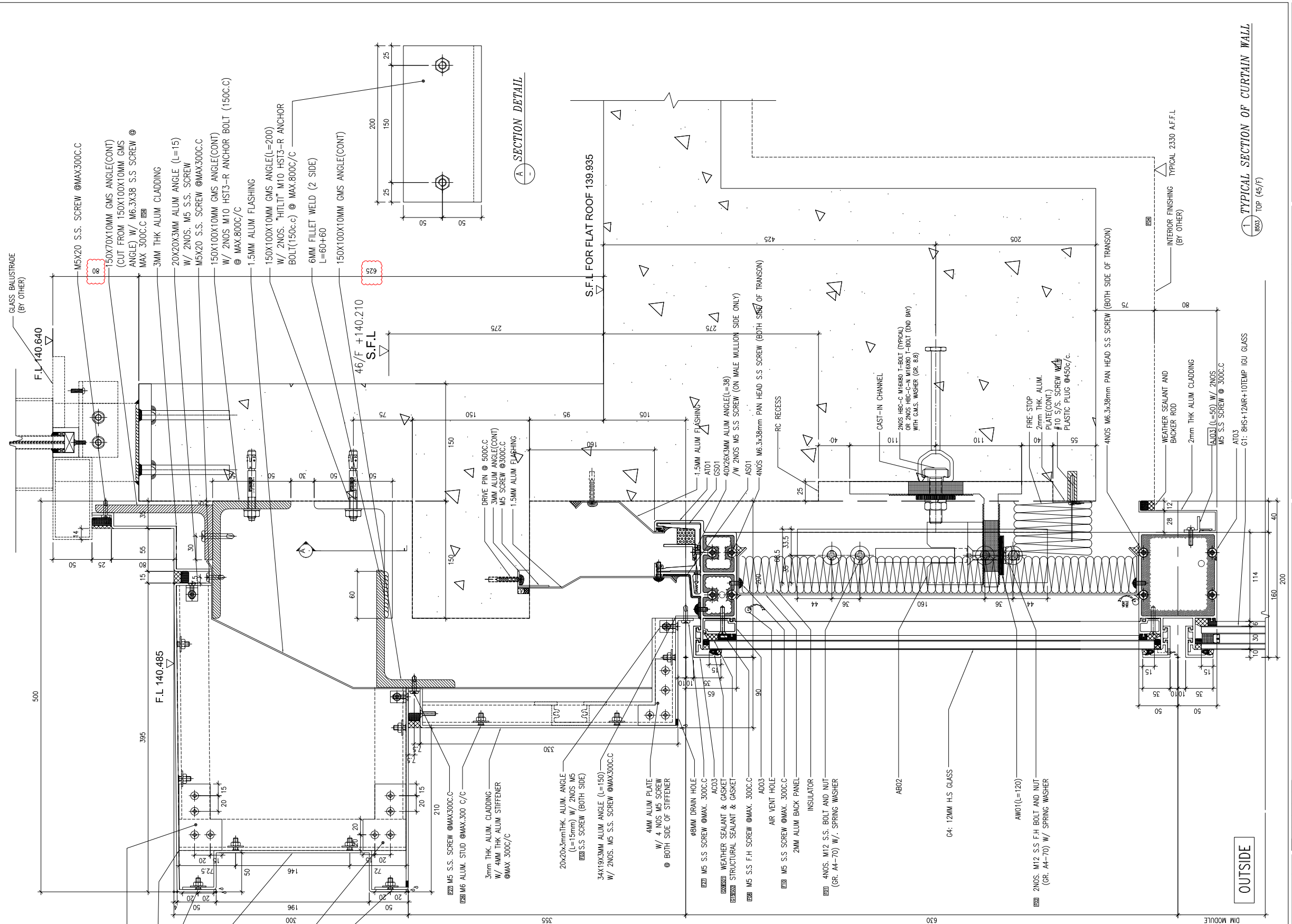
ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT :
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

B.D. REF :



B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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3. (R) --REVERSED DETAIL

NO.	DATE	REVISED	BY
E	30-OCT-2023	9TH SUBMISSION	CF
D	22-AUG-2023	7TH SUBMISSION	CF
C	10-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

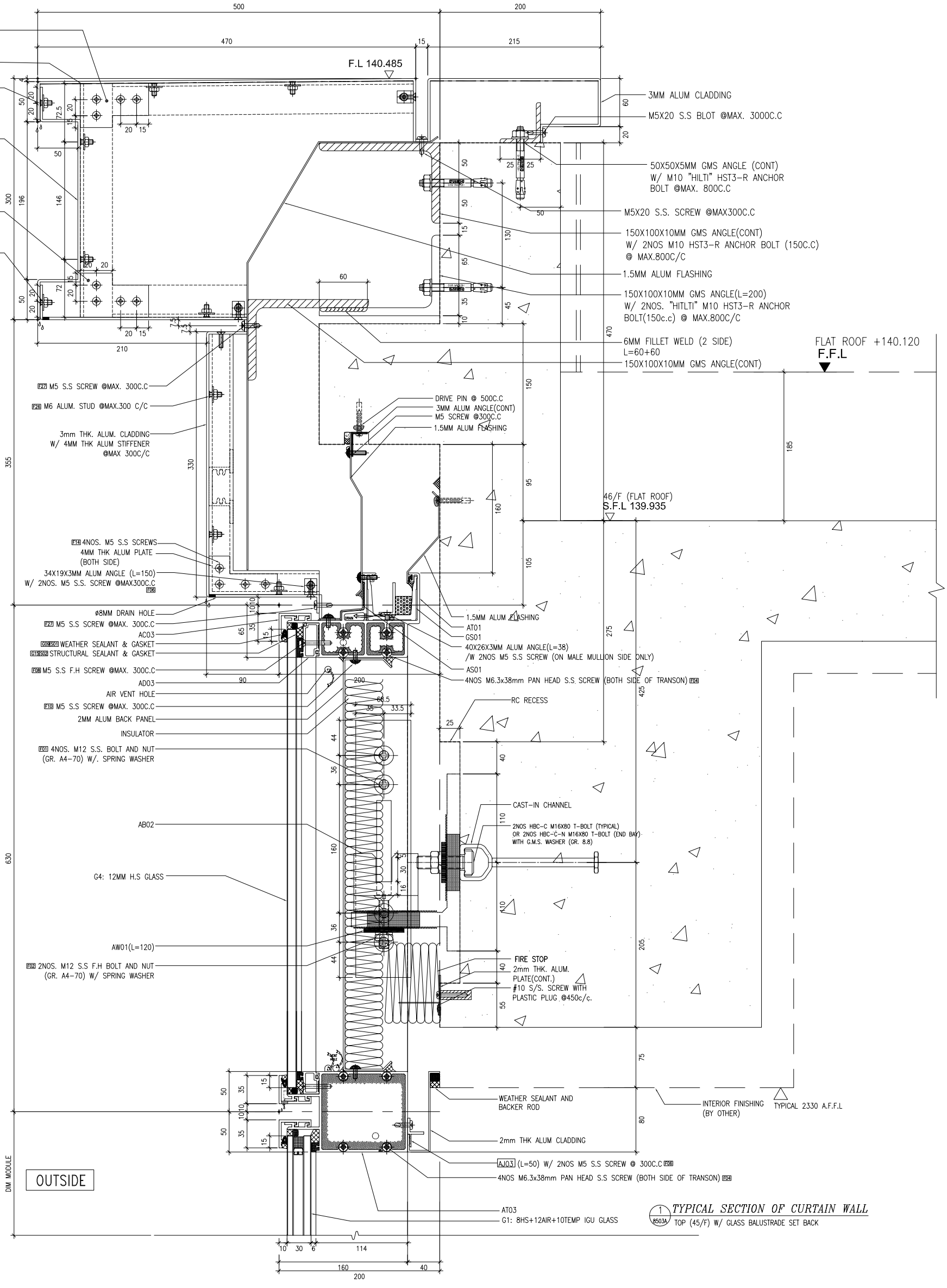
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8503 | REV. : E



1 / 8503A TYPICAL SECTION OF CURTAIN WALL
TOP (45/F) W/ GLASS BALUSTRADE SET BACK

NOTE :
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LEGEND :
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1. F.F.L. -- FINISHED FLOOR LEVEL
2. S.F.L. -- STRUCTURAL FLOOR LEVEL
3. /R -- REVERSED DETAIL

NO.	DATE	
B	22-AUG-2023	7TH SUBMISSION
A	10-MAY-2023	5TH SUBMISSION
-	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)
	DATE	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 :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8503A | REV. : B

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

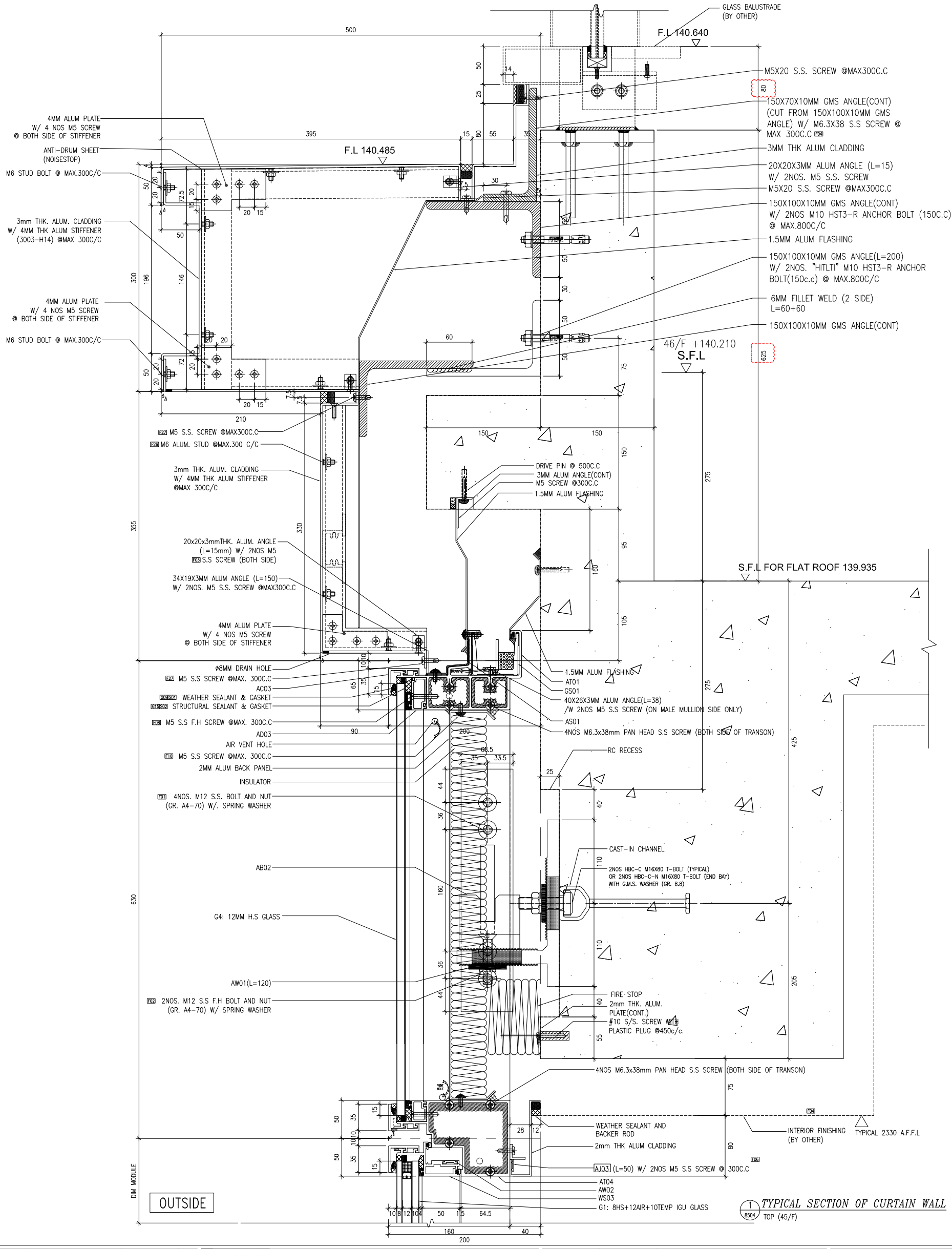
ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT :
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

B.D. REF :



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

NO.	DATE	REMARK	BY
E	30-OCT-2023	9TH SUBMISSION	CF
D	22-AUG-2023	7TH SUBMISSION	CF
C	10-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	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 :
TYPICAL DETAIL
FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

DWG NO. : J856-SD-CW-8504 | REV. : E

特銘鋁廠有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

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

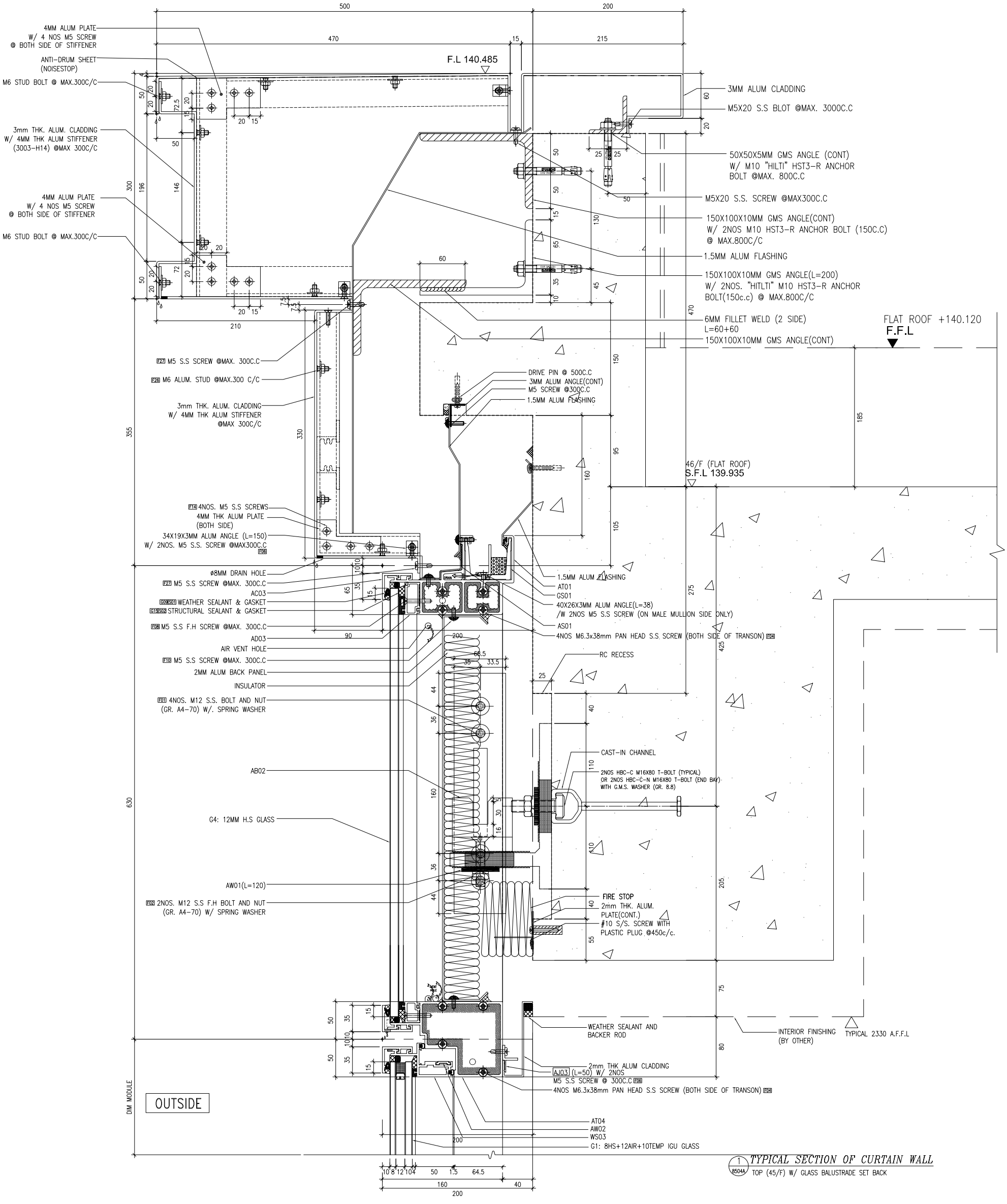
ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT :
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

B.D. REF :



1 / 8504A TYPICAL SECTION OF CURTAIN WALL
TOP (45/F) W/ GLASS BALUSTRADE SET BACK

NOTE :
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LEGEND :
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NO.	DATE	
B	22-AUG-2023	7TH SUBMISSION
A	10-MAY-2023	5TH SUBMISSION
-	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)

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

DATE : 31-OCT-22 | SCALE : 1:5
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8504A | REV. : B

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

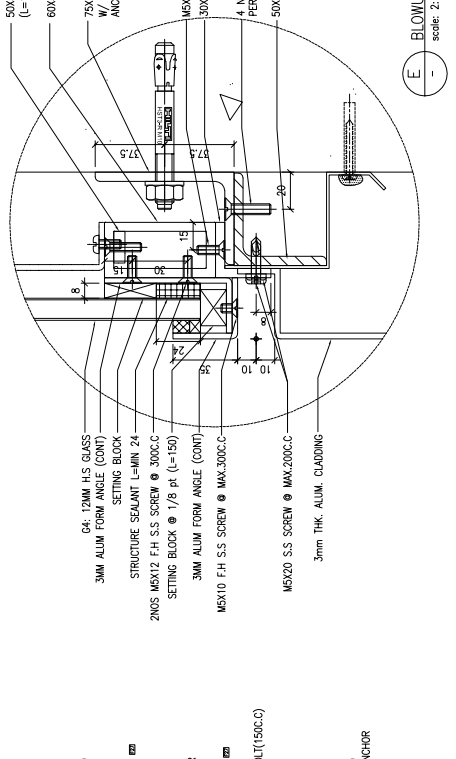
ARCHITECT :
lwk&partners architects

MAIN CONTRACTOR :
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Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT :
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Steel Structure & Facade Specialist

B.D. REF :



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 :

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3. /R --REVERSED DETAIL

NO.	DATE	REVISED	BY
G	30-OCT-2023	9TH SUBMISSION	CF
F	03-OCT-2023	8TH SUBMISSION (R1)	CF
E	28-SEP-2023	8TH SUBMISSION	CF
D	18-AUG-2023	7TH SUBMISSION	CF
C	10-MAY-2023	5TH SUBMISSION	CF

JOB NO. : J-856

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

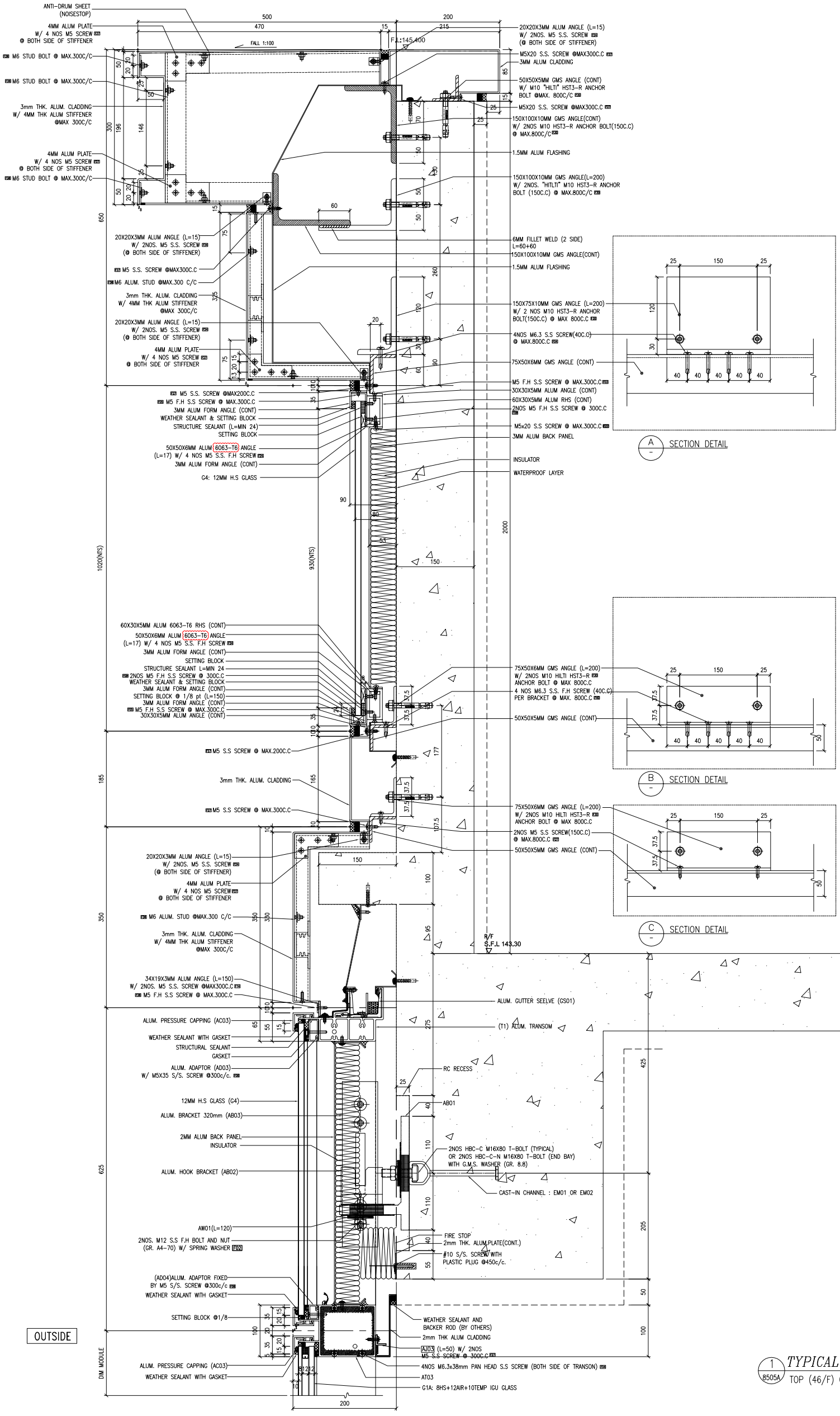
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:7

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8505 | REV. : G



1 / 8505A TYPICAL SECTION OF CURTAIN WALL
TOP (46/F) GLASS CLADDING

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

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

NO.	DATE	REVISED	BY
F	30-OCT-2023	9TH SUBMISSION	CF
E	03-OCT-2023	8TH SUBMISSION (R1)	CF
D	26-SEP-2023	8TH SUBMISSION	CF
C	18-AUG-2023	7TH SUBMISSION	CF
B	10-MAY-2023	5TH SUBMISSION	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 : TYPICAL DETAIL FOR CURTAIN WALL

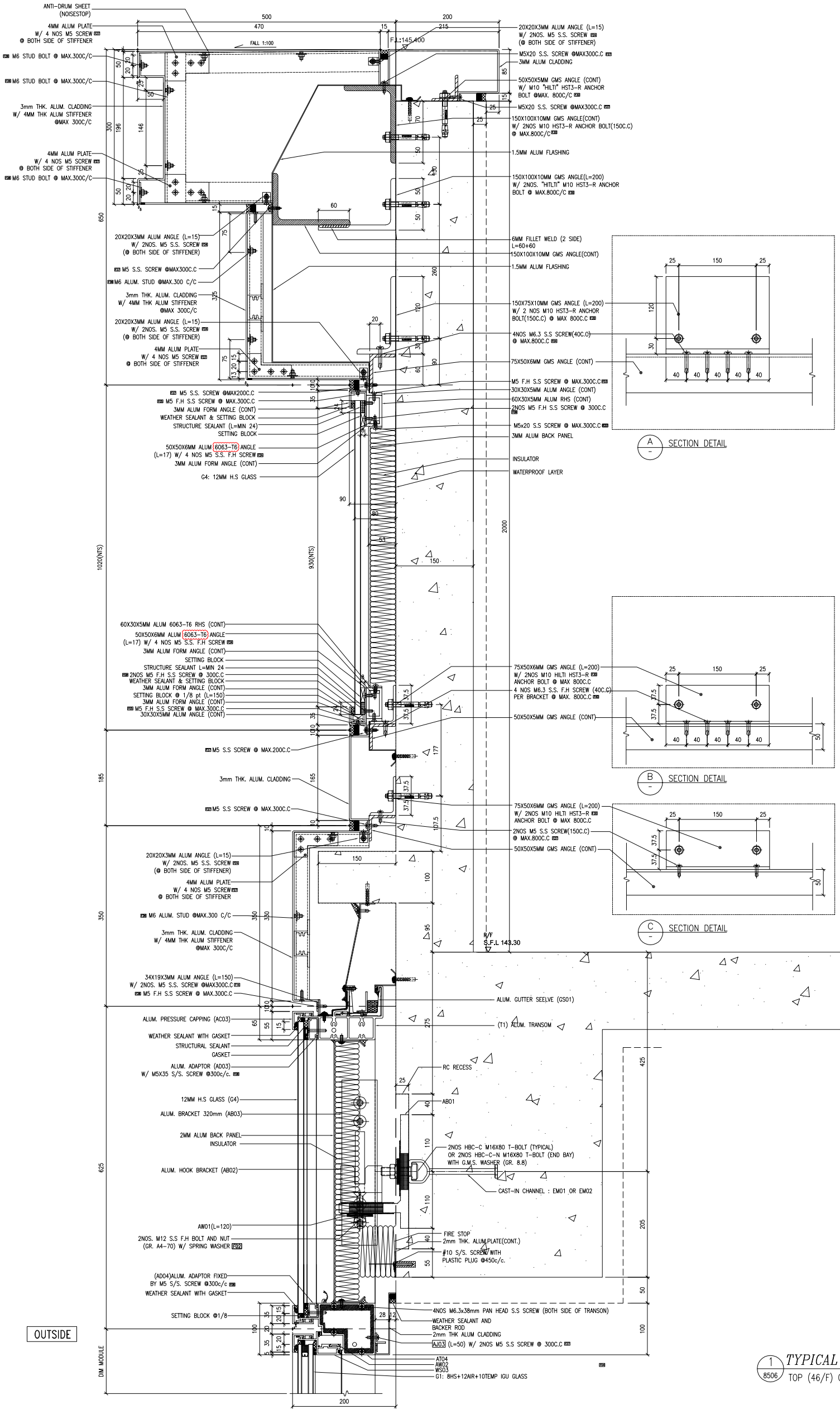
DATE : 31-OCT-22 | SCALE : 1:7
DRAWN BY : C.F | CHECKED BY :

特鋁建築有限公司 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-CW-8505A | REV. : F

CLIENT : SUN HUNG KAI REAL ESTATE AGENCY LTD. 42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG
ARCHITECT : lwk&partners architects
MAIN CONTRACTOR : 怡輝建築有限公司 Yee Fai Building Contractors Ltd.
STRUCTURAL ENGINEER : ARUP
FACADE CONSULTANT: ALPHA CONSULTING LIMITED — Steel Structure & Facade Specialist

B.D. REF :



1 / 8506 *TYPICAL SECTION OF CURTAIN WALL*
TOP (46/F) GLASS CLADDING

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

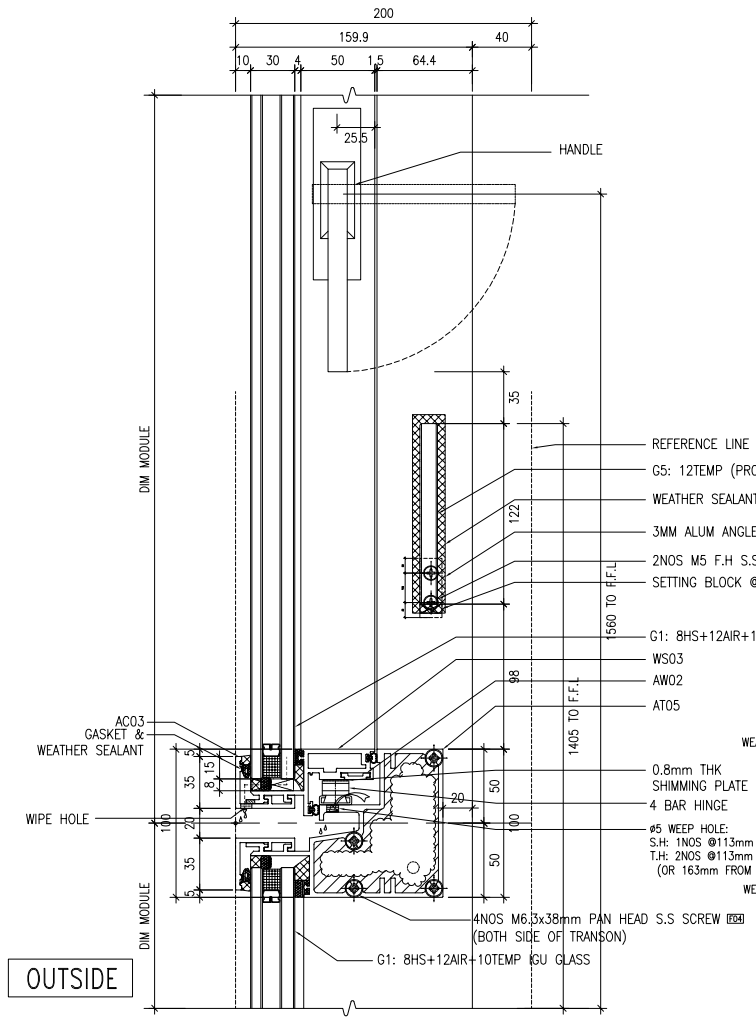
NO.	DATE	REVISED	BY
G	30-OCT-2023	9TH SUBMISSION	CF
F	03-OCT-2023	8TH SUBMISSION (R1)	CF
E	26-SEP-2023	8TH SUBMISSION	CF
D	18-AUG-2023	7TH SUBMISSION	CF
C	10-MAY-2023	5TH SUBMISSION	CF

JOB NO. : J-856
PROJECT : PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.
TITLE : TYPICAL DETAIL FOR CURTAIN WALL

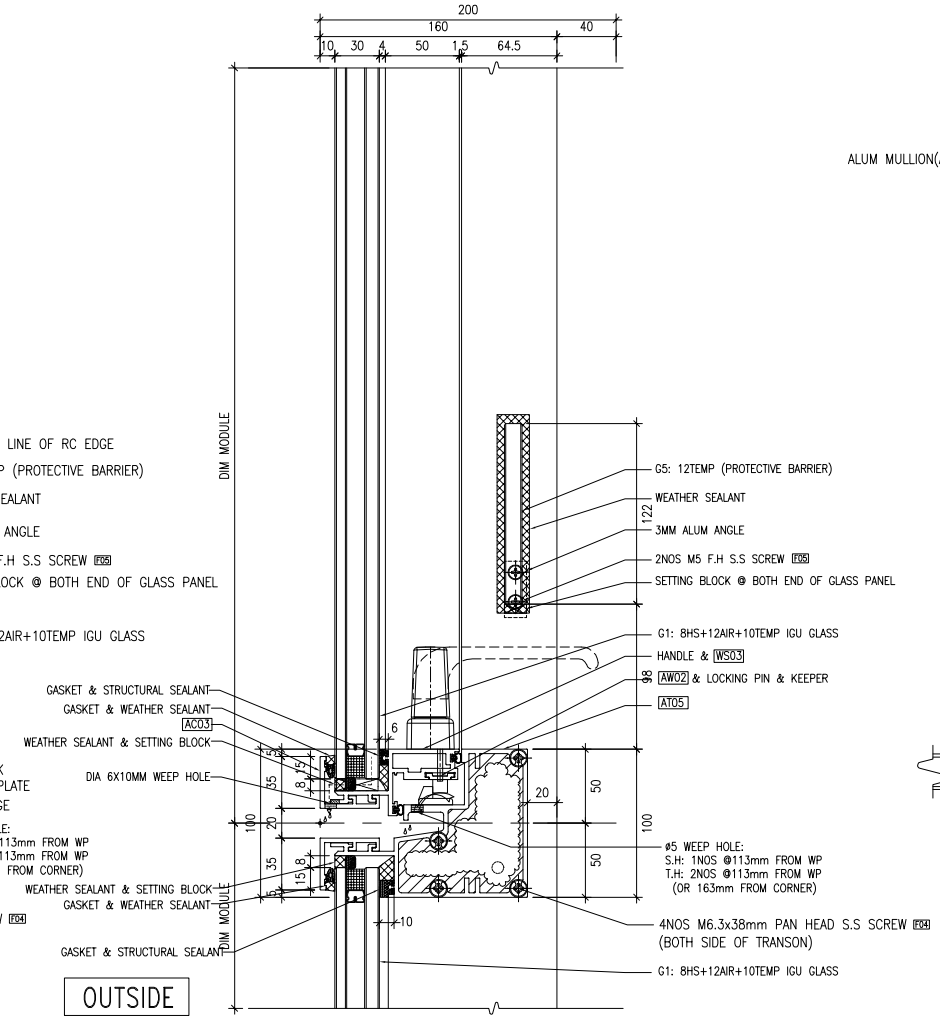
DATE : 31-OCT-22 | SCALE : 1:7
DRAWN BY : C.F | CHECKED BY :

特輝鋁廠有限公司 MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

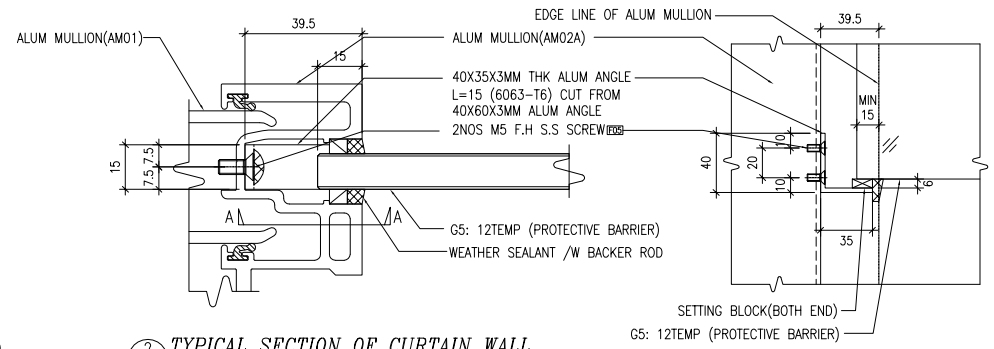
DWG NO. : J856-SD-CW-8506 | REV. : G



1 8507 *TYPICAL SECTION OF CURTAIN WALL*
PROTECTIVE BARRIER (S.H)

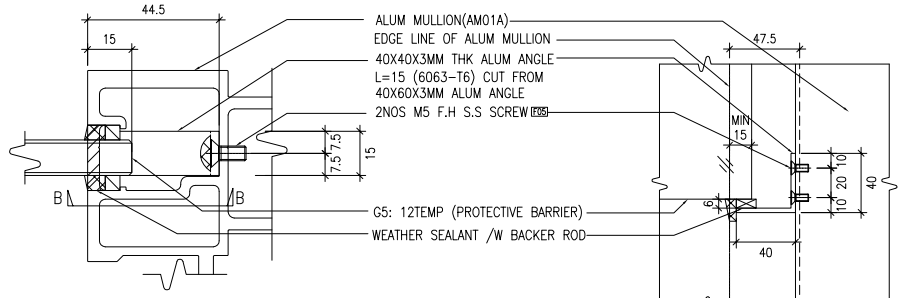


1A 8507 *TYPICAL SECTION OF CURTAIN WALL*
PROTECTIVE BARRIER (T.H)



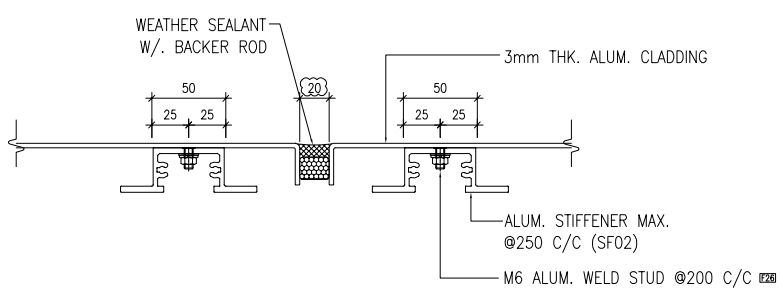
2 8507 *TYPICAL SECTION OF CURTAIN WALL*
PROTECTIVE BARRIER

VIEW A-A

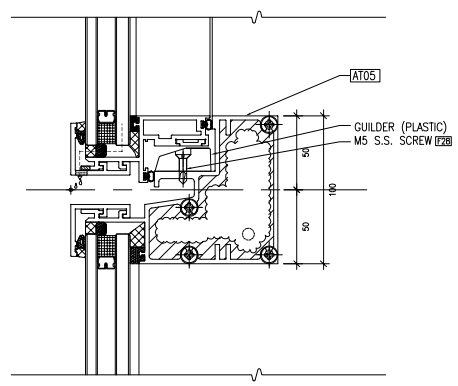


3 8507 *TYPICAL SECTION OF CURTAIN WALL*
PROTECTIVE BARRIER

VIEW B-B



3 8507 *TYPICAL SECTION OF CLADDING JOINT*



1B 8507 *TYPICAL SECTION OF CURTAIN WALL*
GUILDER for S.H

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

NO.	DATE	REVISED	BY
D	20-APR-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3RD SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
-	21-NOV-2022		CF

JOB NO. : J-856

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

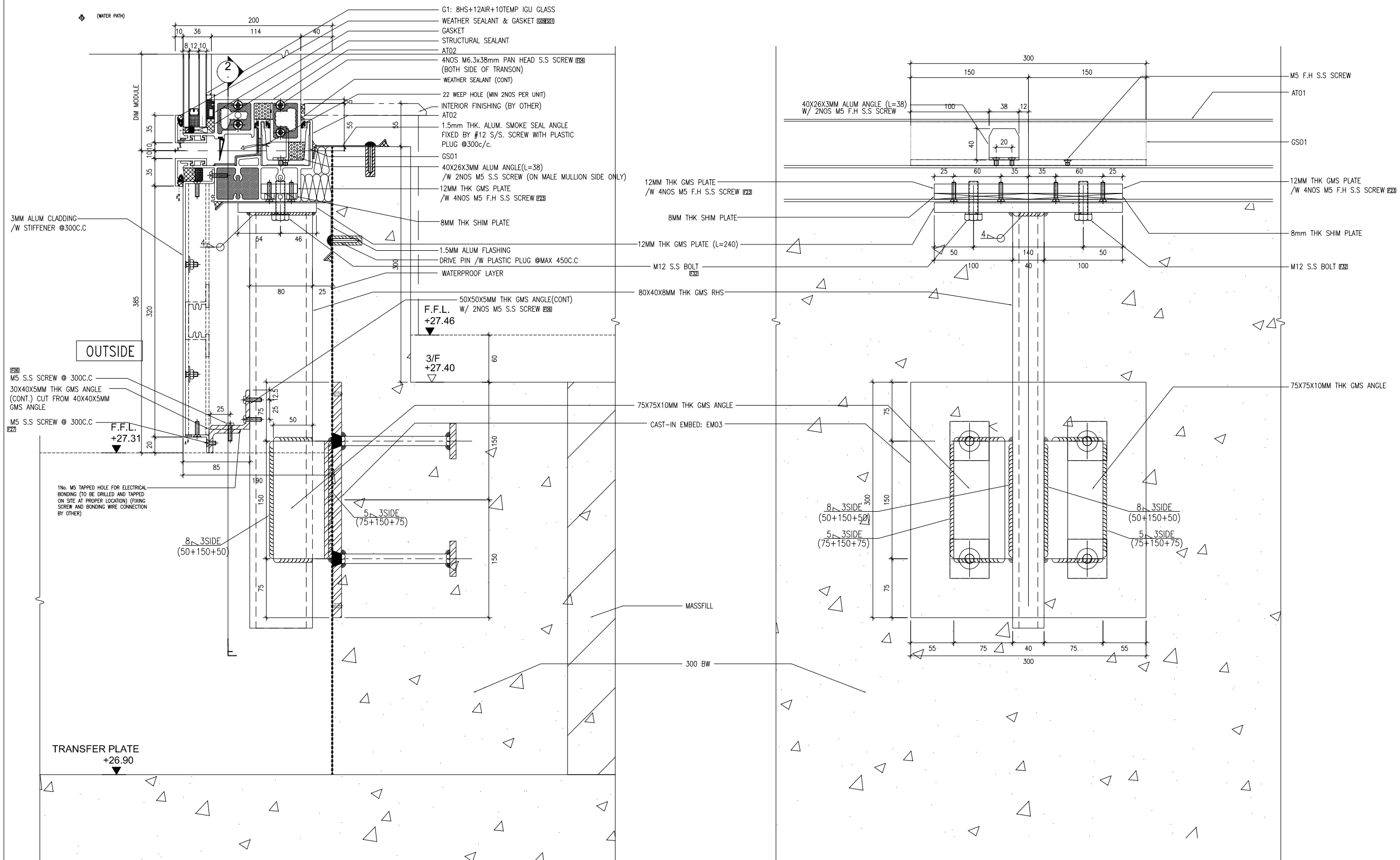
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8507 | REV. : D



1 8508 *TYPICAL SECTION OF CURTAIN WALL*
STARTER

2 8508 *SECTION VIEW*
STARTER

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
E	30-MAY-2023	6TH SUBMISSION	CF
D	10-MAY-2023	5TH SUBMISSION	CF
C	21-FEB-2023	4TH SUBMISSION	CF
B	13-JAN-2023	3RD SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

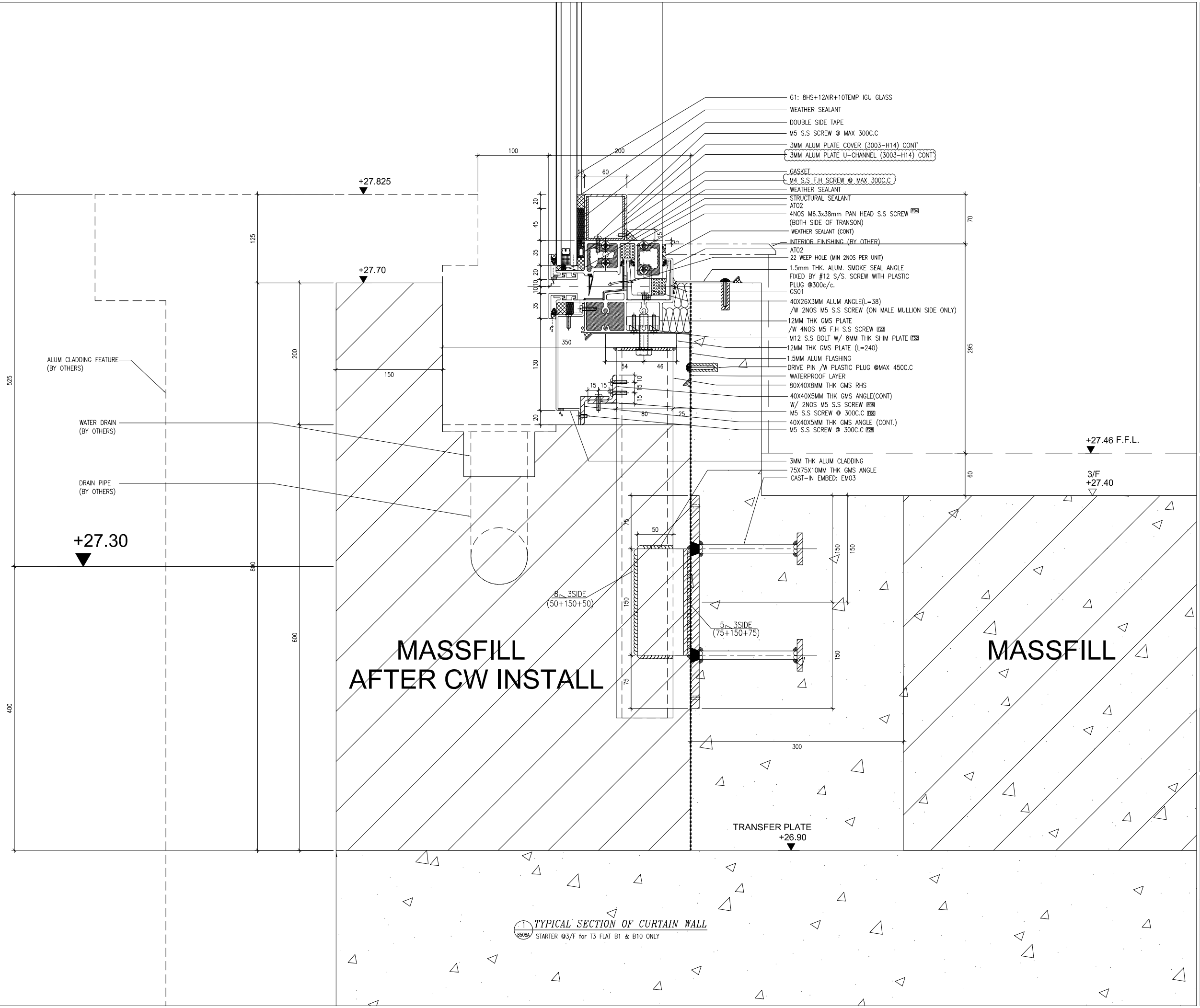
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8508 | REV. : E



1 8508A *TYPICAL SECTION OF CURTAIN WALL*
STARTER @3/F for T3 FLAT B1 & B10 ONLY

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
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LEGEND :
X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.
1. F.F.L. --FINISHED FLOOR LEVEL
2. S.F.L. --STRUCTURAL FLOOR LEVEL
3. /R --REVERSED DETAIL

NO.	DATE	REVISED	BY
D	18-NOV-2023	9TH SUBMISSION	CF
C	30-MAY-2023	6TH SUBMISSION	CF
B	10-MAY-2023	5TH SUBMISSION	CF
A	21-FEB-2023	4TH SUBMISSION	CF
-	12-JAN-2023	NEW DRAWING (3ND SUBMISSION)	CF

JOB NO. : J-856

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

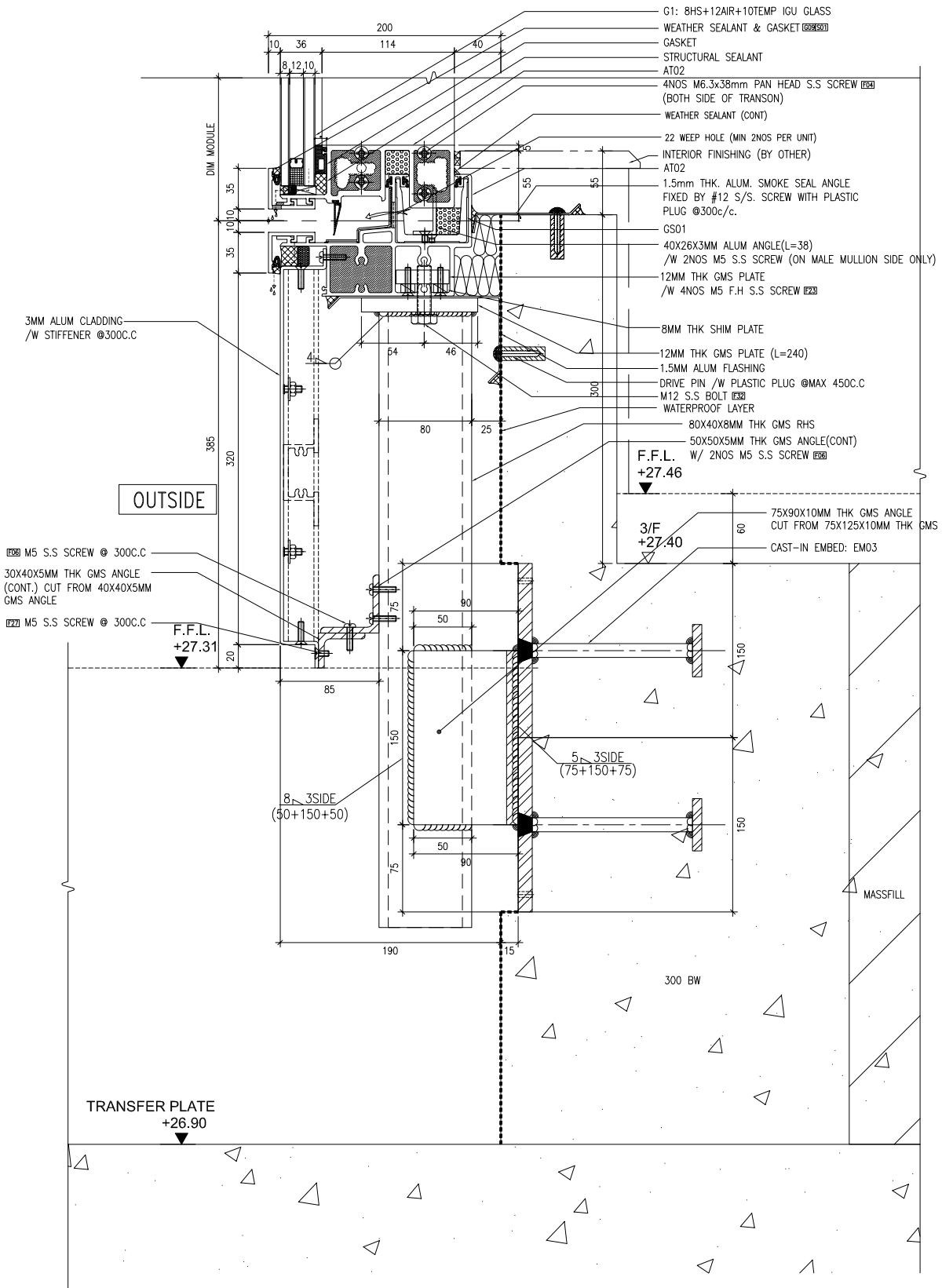
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 12-JAN-23 | SCALE : 1:5

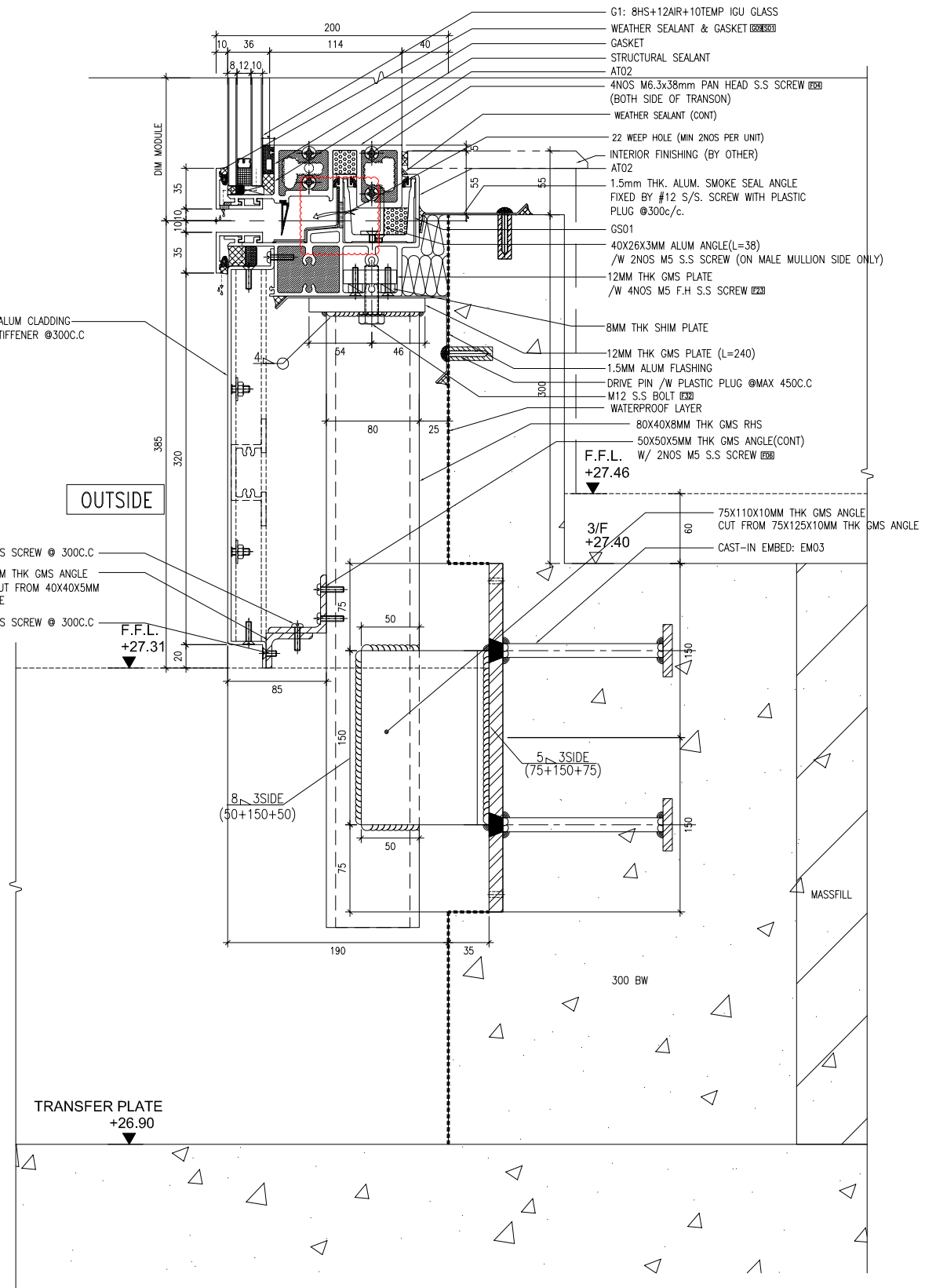
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8508A | REV. : D



2 8508B *TYPICAL SECTION OF CURTAIN WALL*
STARTER (remedial case)



2 8508B *TYPICAL SECTION OF CURTAIN WALL*
STARTER (remedial case: embed offset 35MM)

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
B	30-MAY-2023	6TH SUBMISSION	CF
A	10-MAY-2023	5TH SUBMISSION	CF

JOB NO. : J-856

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

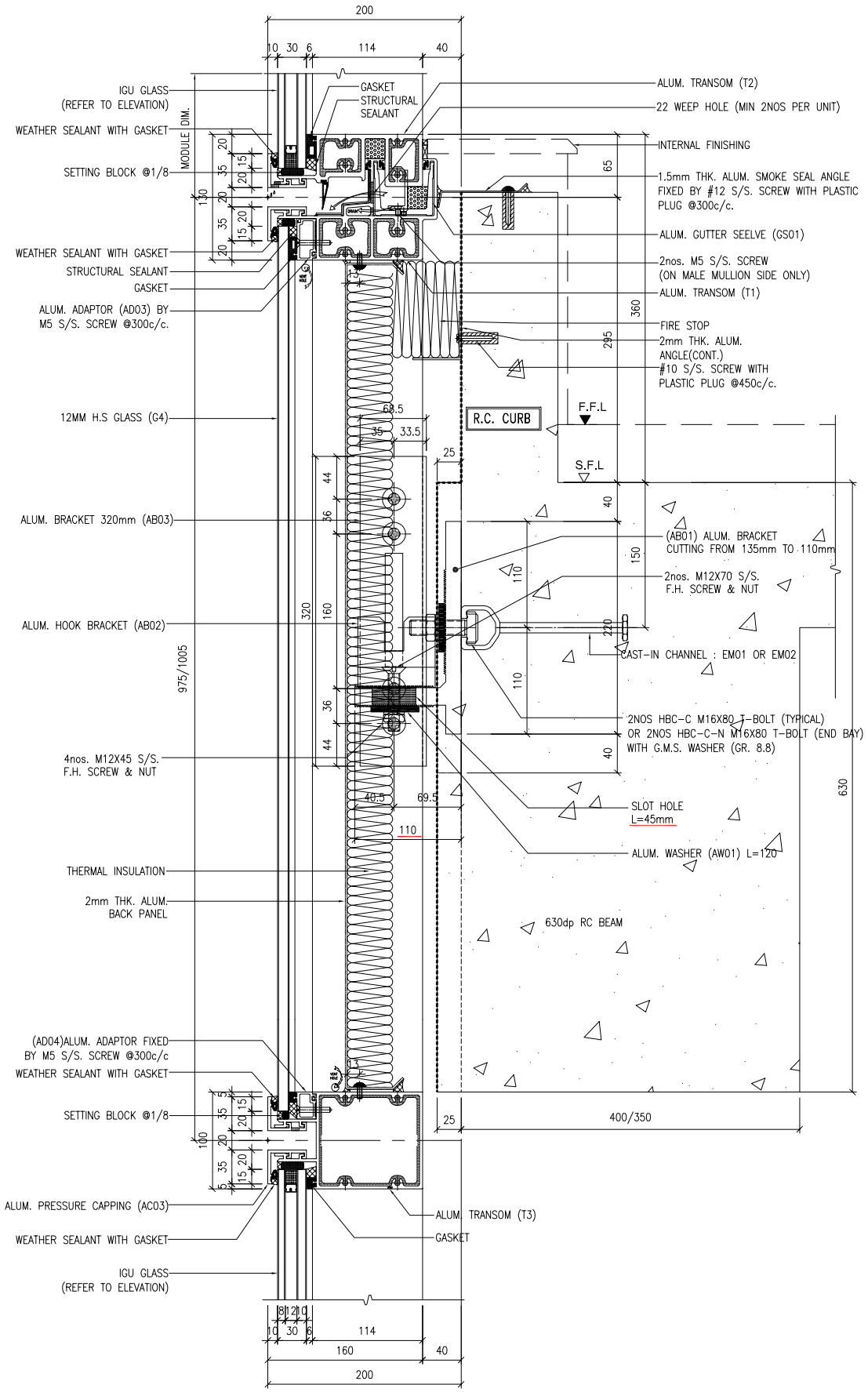
TITLE :
CURTAIN WALL
REMEIDAL CASE FOR STARTER EMBED

DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

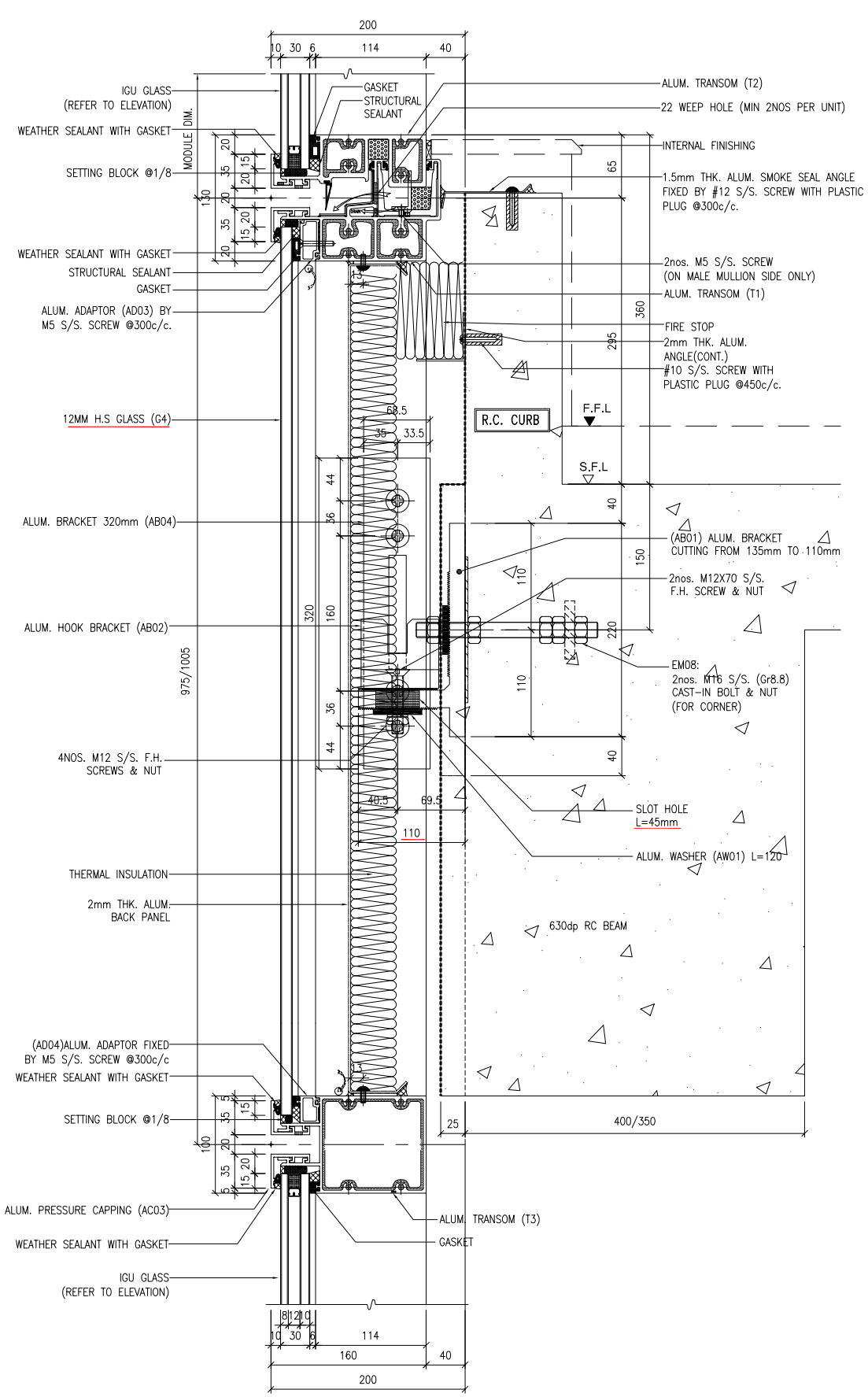
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8508B | REV. : B



1 8508C SECTION DETAIL FOR REMEDIAL CURTAIN WALL FIXING

REMEDIAL CASE : RC BEAM OUTLINE OFFSET (OUTWARD) 25MM



2 8508C SECTION DETAIL FOR REMEDIAL CURTAIN WALL FIXING

REMEDIAL CASE : RC BEAM OUTLINE OFFSET (OUTWARD) 25MM

B.D. REF :

NEW DRAWING FOR REMEDIAL

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
–	22-AUG-2023	(NEW DRAWING) 7TH SUBMISSION	CF

JOB NO. : J-856

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

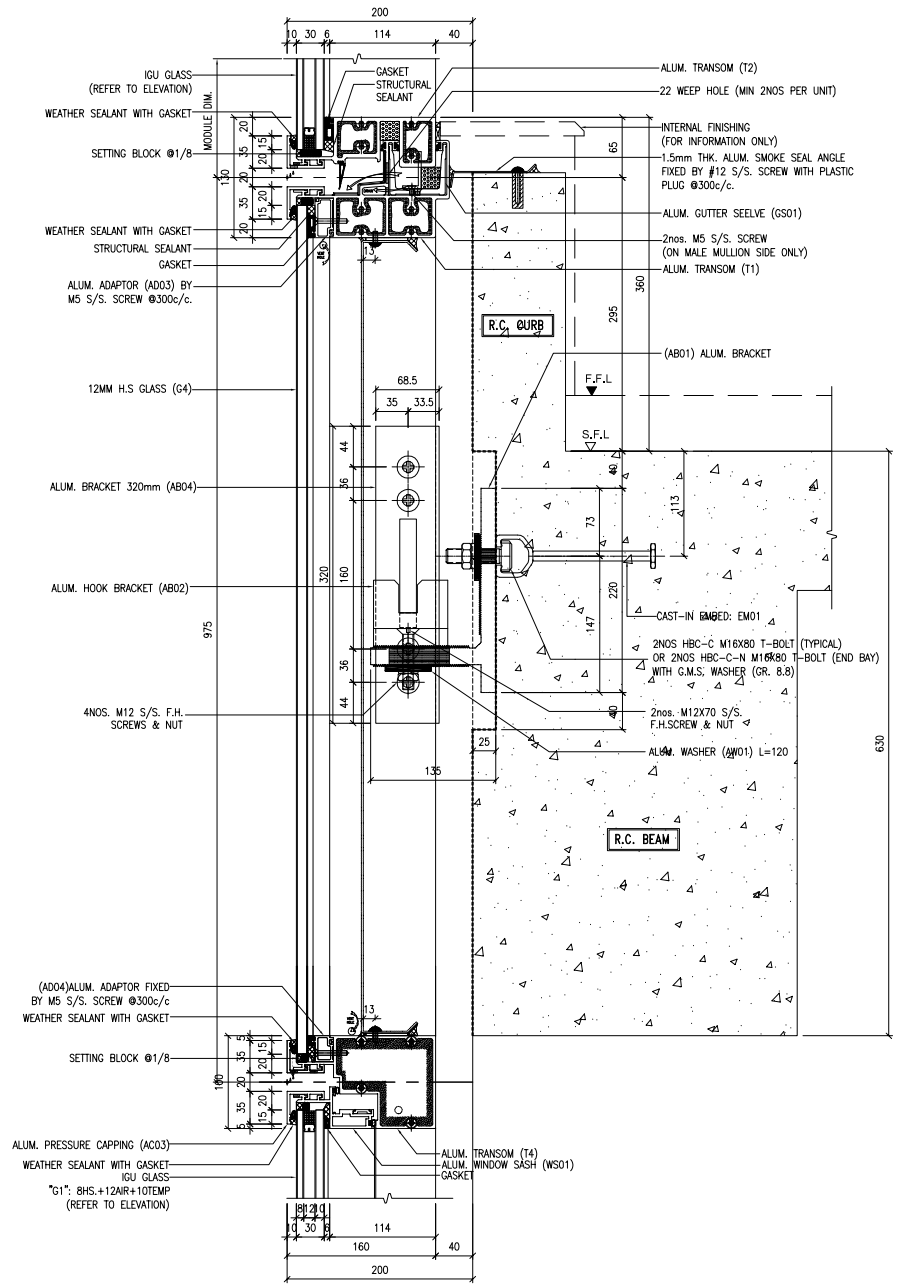
TITLE :
CURTAIN WALL
REMEIDAL CASE FOR TYPICAL EMBED

DATE : 31-OCT-22 | SCALE : 1:6

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8508C | REV. : –



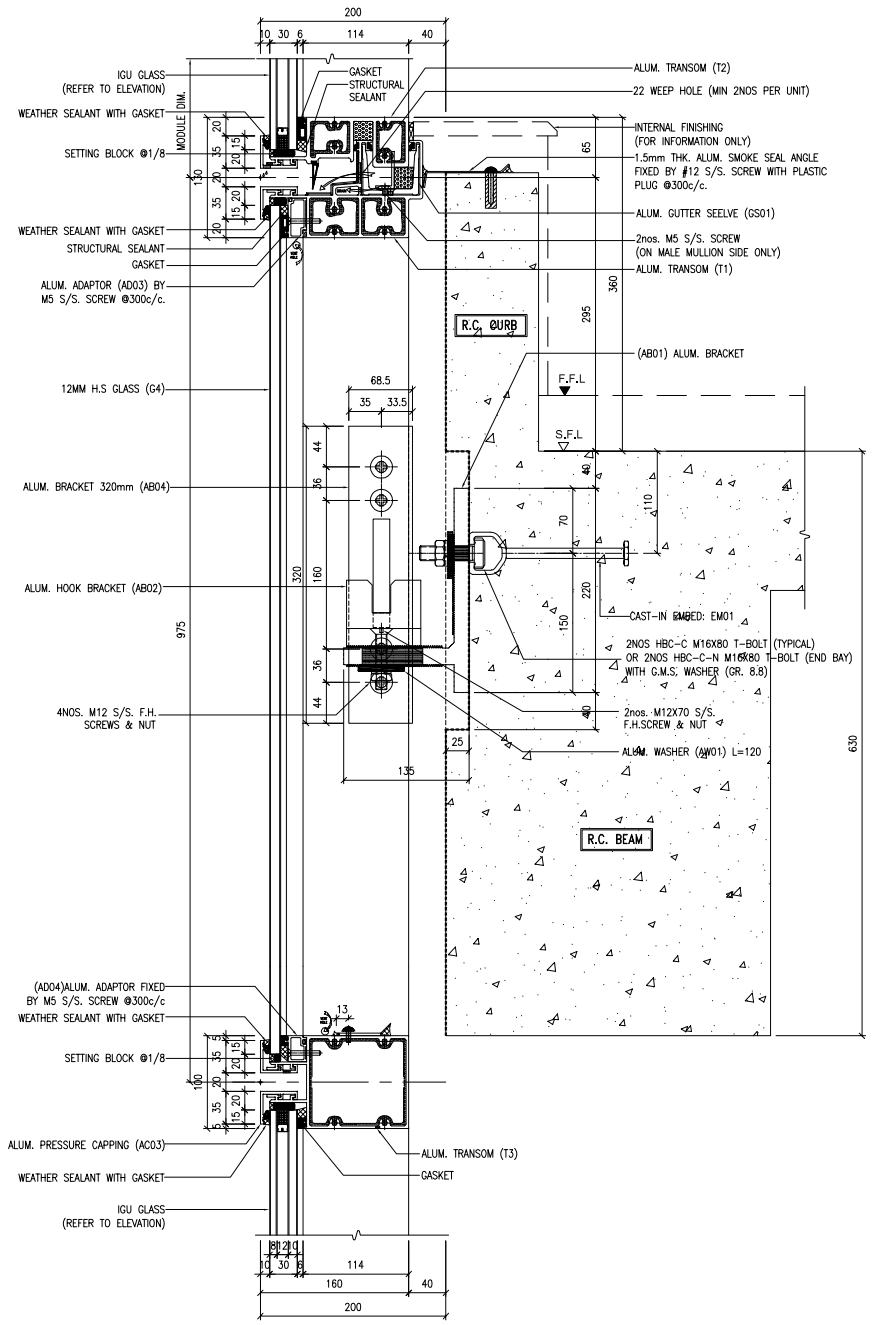
1 / 8508D SECTION DETAIL FOR REMEDIAL CURTAIN WALL FIXING

REMEDIAL CASE : CAST-IN EMBED EM01 SHIFT UPWARD 25~37MM(MAX) FOR MIDDLE CASE

LOCATION AT:

T2: 28/F, 31/F, 33/F REFER DRAWING 1 / 4004

T2: 39/F-45/F REFER DRAWING 4 / 4004



2 / 8508D SECTION DETAIL FOR REMEDIAL CURTAIN WALL FIXING

REMEDIAL CASE : CAST-IN EMBED EM01 SHIFT UPWARD 25~40MM(MAX) FOR EDGE CASE

LOCATION AT:

T2: 28/F, 31/F-33/F REFER DRAWING 1 / 4004

T2: 39/F-45/F REFER DRAWING 4 / 4004

B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :

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

LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
-	29-SEP-2023	(NEW DRAWING) 8TH SUBMISSION	CF

JOB NO. : J-856

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

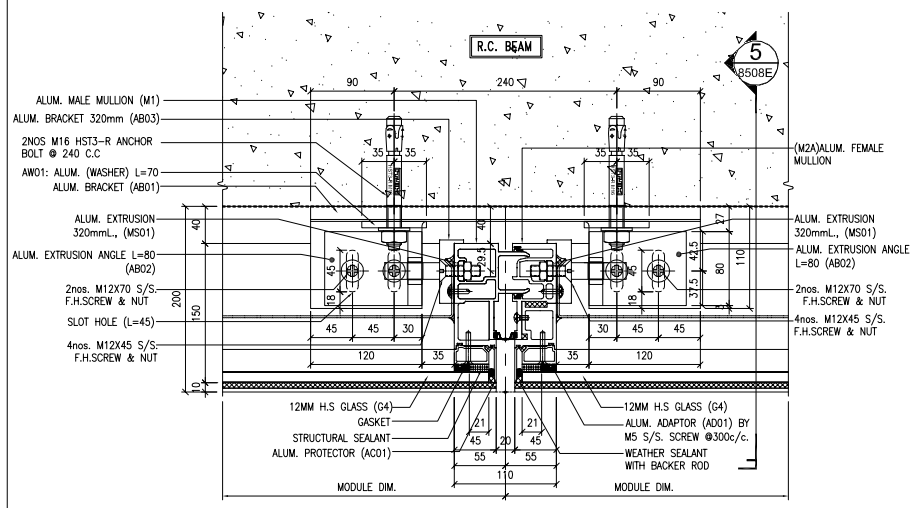
TITLE :
CURTAIN WALL
REMEIDAL CASE

DATE : 31-OCT-22 | SCALE : 1:6

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8508D | REV. : -

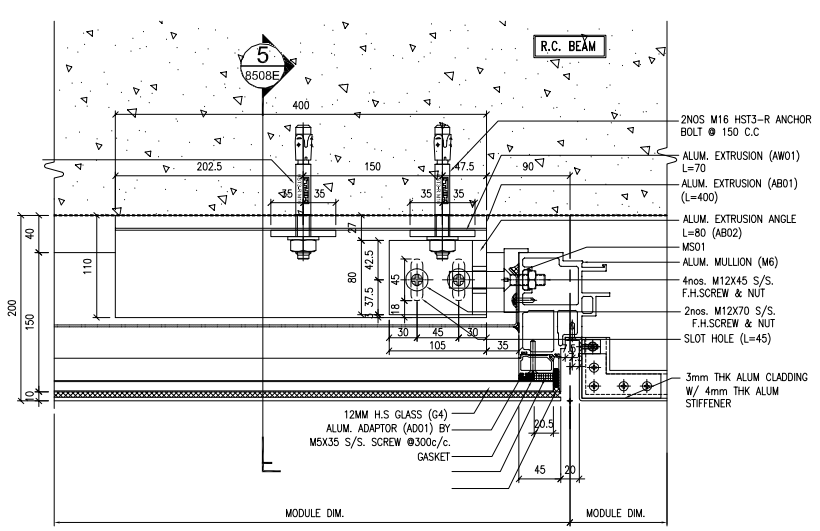


1 / 8508E HORIZONTAL DETAIL FOR REMEDIAL FIXING MIDDLE CASE

REMEDIAL CASE : CAST-IN EMBED EM01/EM02/EM08
EITHER EMBED MISSING OR OFFSET OUTWARD >25~50mm

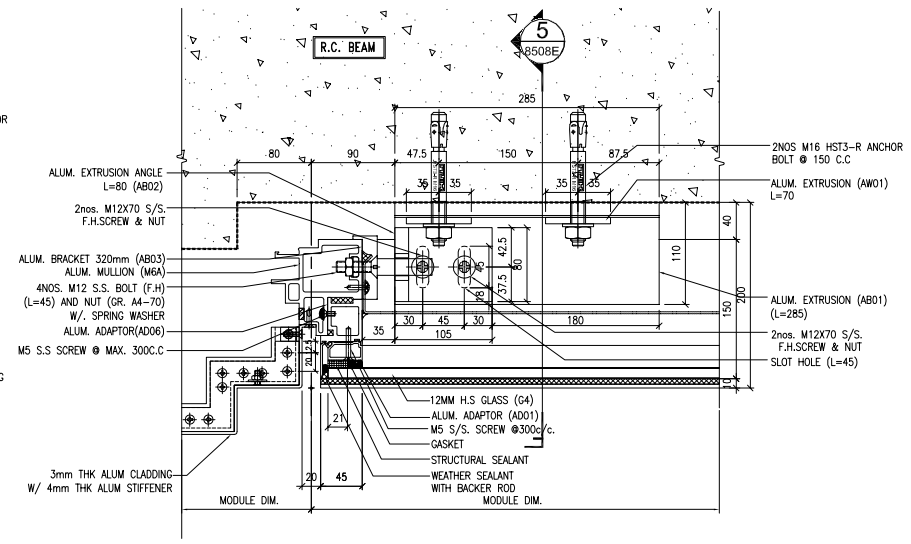
LOCATION AT:
T2: 46/F REFER DRAWING 1/4003

T3: 46/F REFER DRAWING 1/4005 · 4/4005 · 7/4005



2 / 8508E HORIZONTAL DETAIL FOR REMEDIAL FIXING END BAY

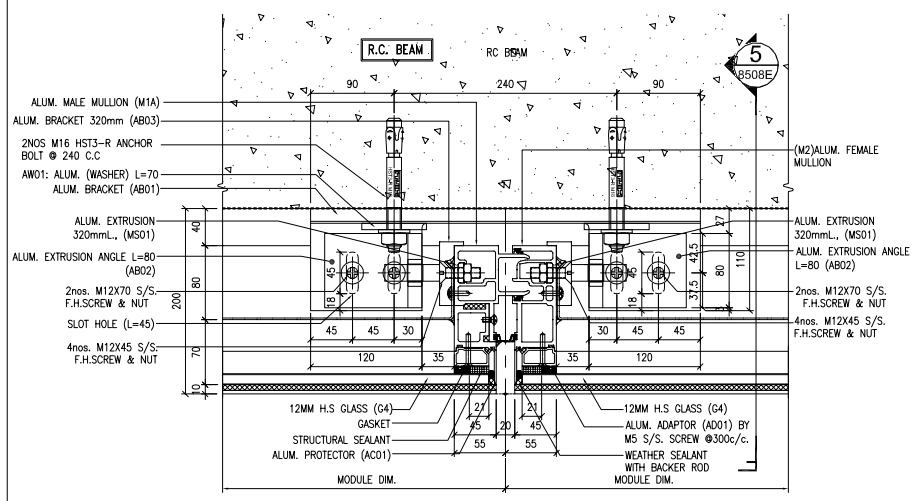
REMEDIAL CASE : CAST-IN EMBED EM01/EM02/EM08
EITHER EMBED MISSING OR OFFSET OUTWARD >25~50mm
LOCATION AT:
T3: 46/F REFER DRAWING 7/4005 · 4/4006



3 / 8508E HORIZONTAL DETAIL FOR REMEDIAL FIXING END BAY

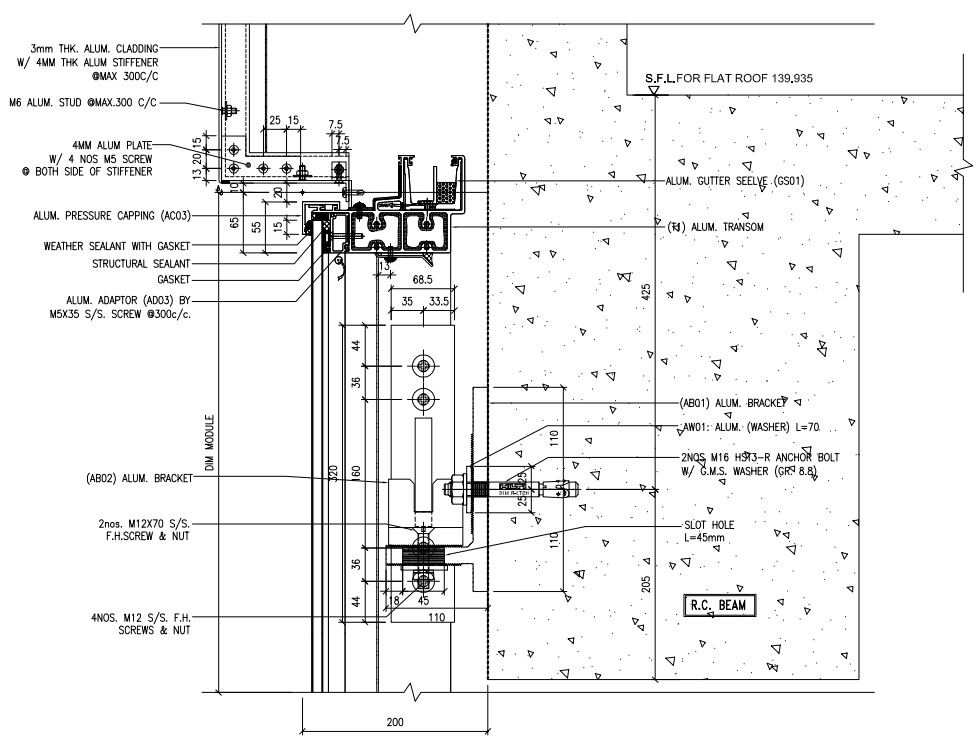
REMEDIAL CASE : CAST-IN EMBED EM01/EM02/EM08
EITHER EMBED MISSING OR OFFSET OUTWARD >25~50mm
LOCATION AT:
T2: 46/F REFER DRAWING 1/4003

T3: 46/F REFER DRAWING 1/4005 · 4/4005 · 7/4005 · 4/4006



4 / 8508E HORIZONTAL DETAIL FOR REMEDIAL FIXING MIDDLE CASE

REMEDIAL CASE : CAST-IN EMBED EM01/EM02/EM08
EITHER EMBED MISSING OR OFFSET OUTWARD >25~50mm
LOCATION AT:
T3: 46/F REFER DRAWING 1/4005 · 4/4006



5 / 8508E SECTION DETAIL FOR REMEDIAL CURTAIN WALL FIXING VERT. VIEW

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

NO.	DATE	REVISED	BY
–	29-SEP-2023	(NEW DRAWING) 8TH SUBMISSION	CF

JOB NO. : J-856

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

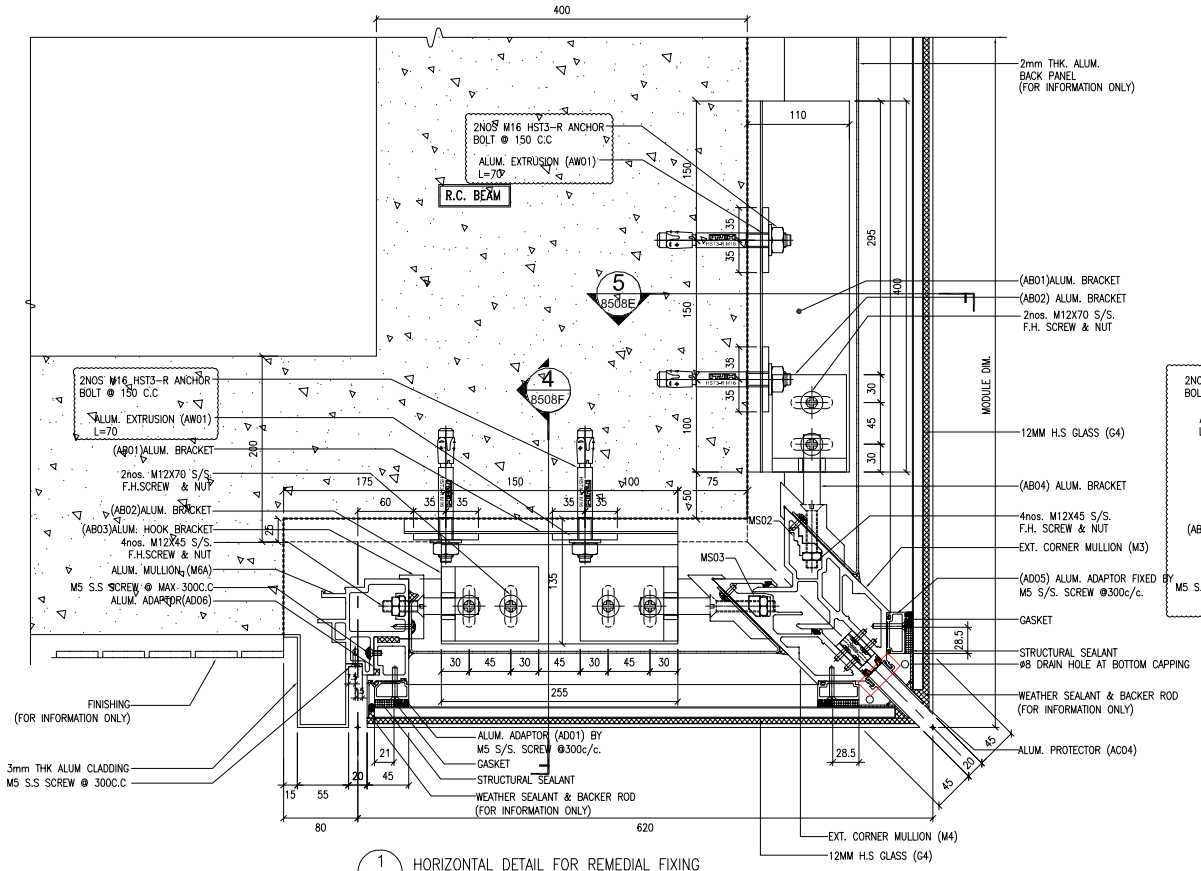
TITLE :
CURTAIN WALL
REMEIDAL CASE

DATE : 31-OCT-22 | SCALE : 1:6

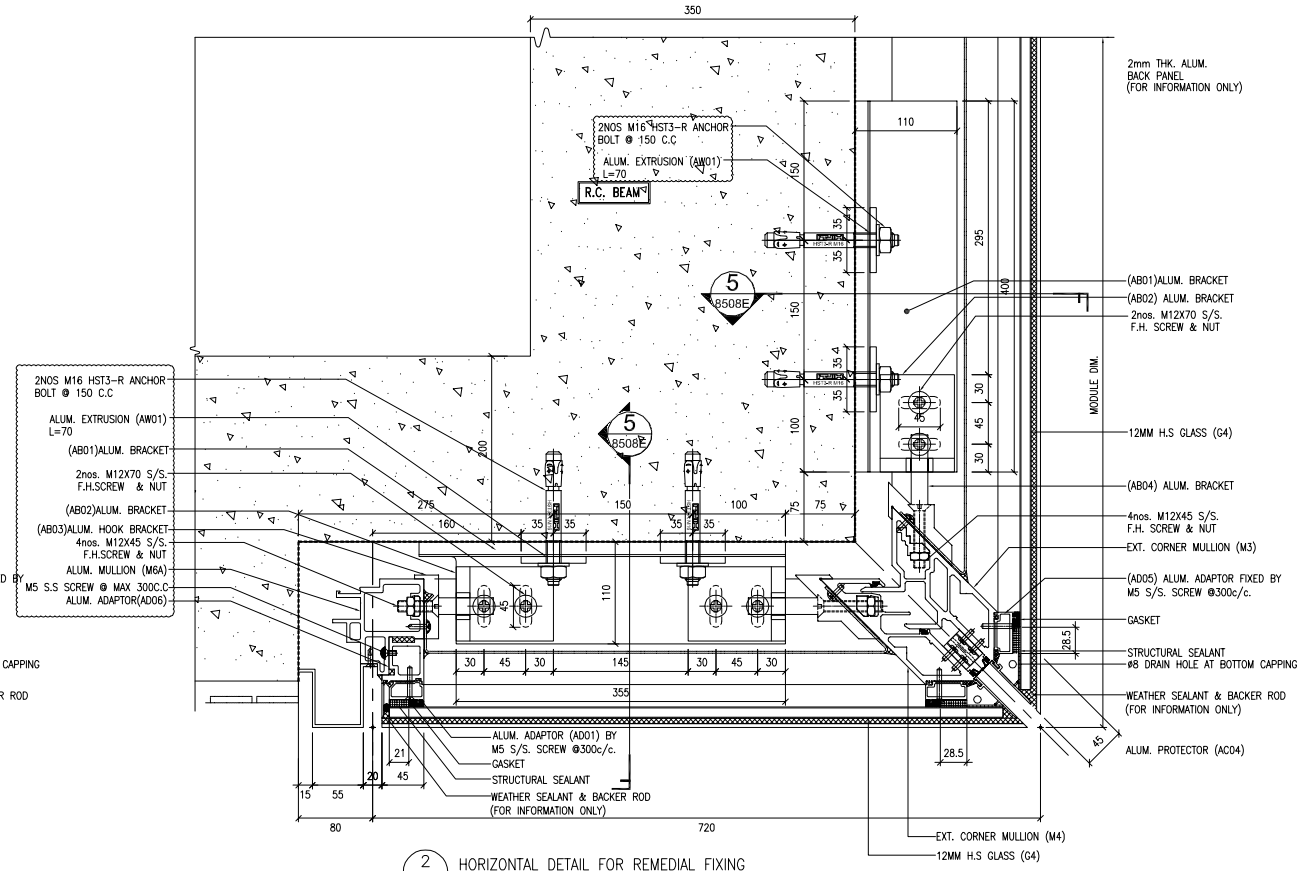
DRAWN BY : C.F | CHECKED BY :

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

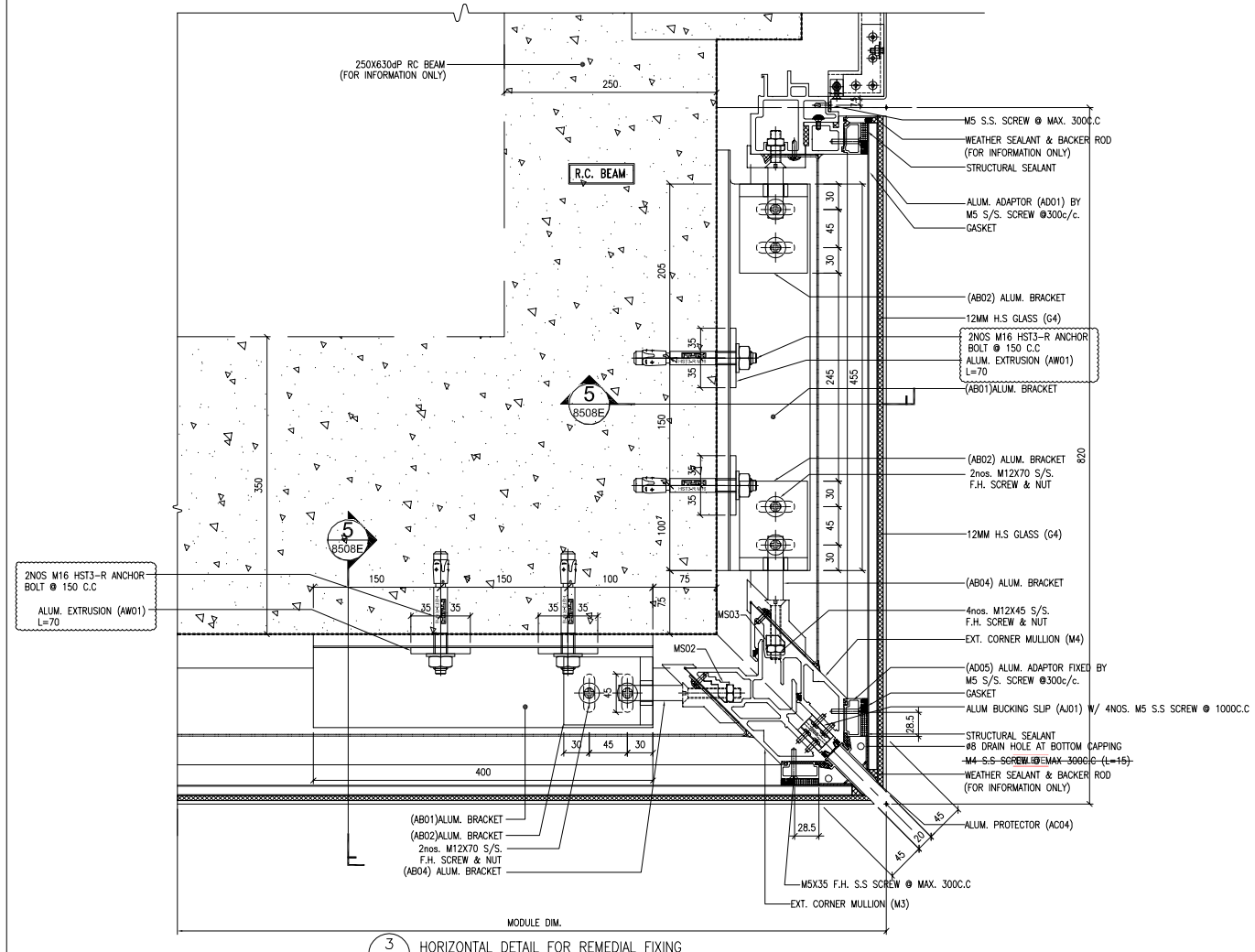
DWG NO. : J856-SD-CW-8508E | REV. : –



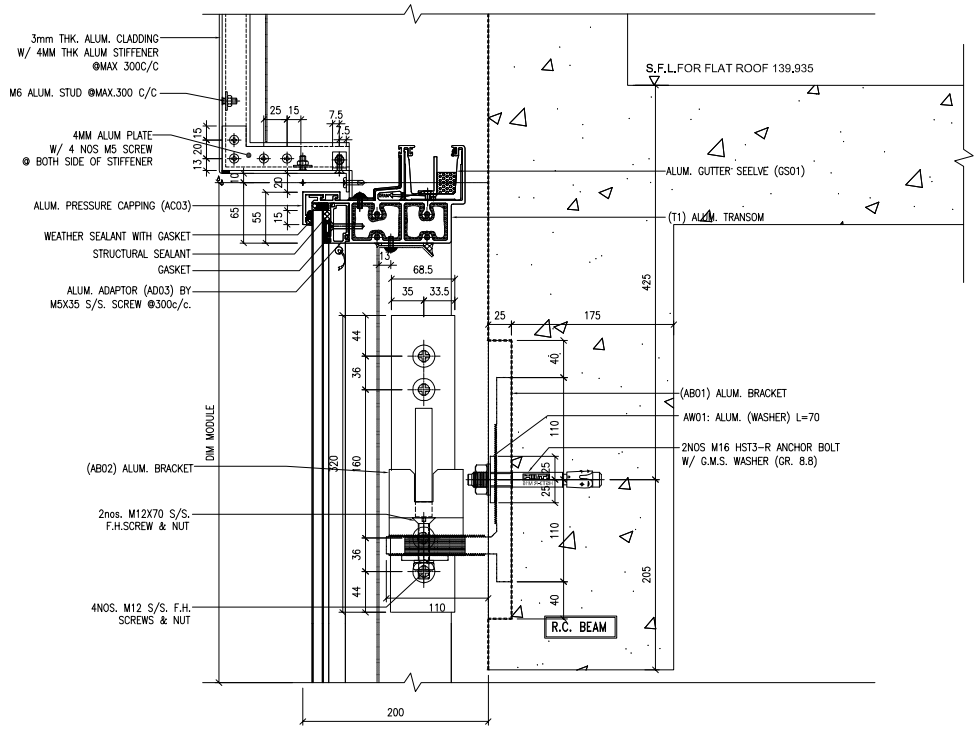
1 8508F HORIZONTAL DETAIL FOR REMEDIAL FIXING CORNER END BAY (620 SPAN)
REMEDIAL CASE : CAST-IN EMBED EM01/EM02/EM08
EITHER EMBED MISSING OR OFFSET OUTWARD >25~50mm
LOCATION AT:
T3: 46/F REFER DRAWING 4/405



2 8508F HORIZONTAL DETAIL FOR REMEDIAL FIXING CORNER END BAY (720 SPAN)
REMEDIAL CASE : CAST-IN EMBED EM01/EM02/EM08
EITHER EMBED MISSING OR OFFSET OUTWARD >25~50mm
LOCATION AT:
T2: 46/F REFER DRAWING 1/403



3 8508F HORIZONTAL DETAIL FOR REMEDIAL FIXING CORNER END BAY (820 SPAN)
REMEDIAL CASE : CAST-IN EMBED EM01/EM02/EM08
EITHER EMBED MISSING OR OFFSET OUTWARD >25~50mm
LOCATION AT:
T3: 46/F REFER DRAWING 1/405



4 8508F REMEDIAL SECTION DETAIL (MISSING EMBED) VERT. VIEW

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
A	30-OCT-2023	9TH SUBMISSION	CF
–	29-SEP-2023	(NEW DRAWING) 8TH SUBMISSION	CF

JOB NO. : J-856

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

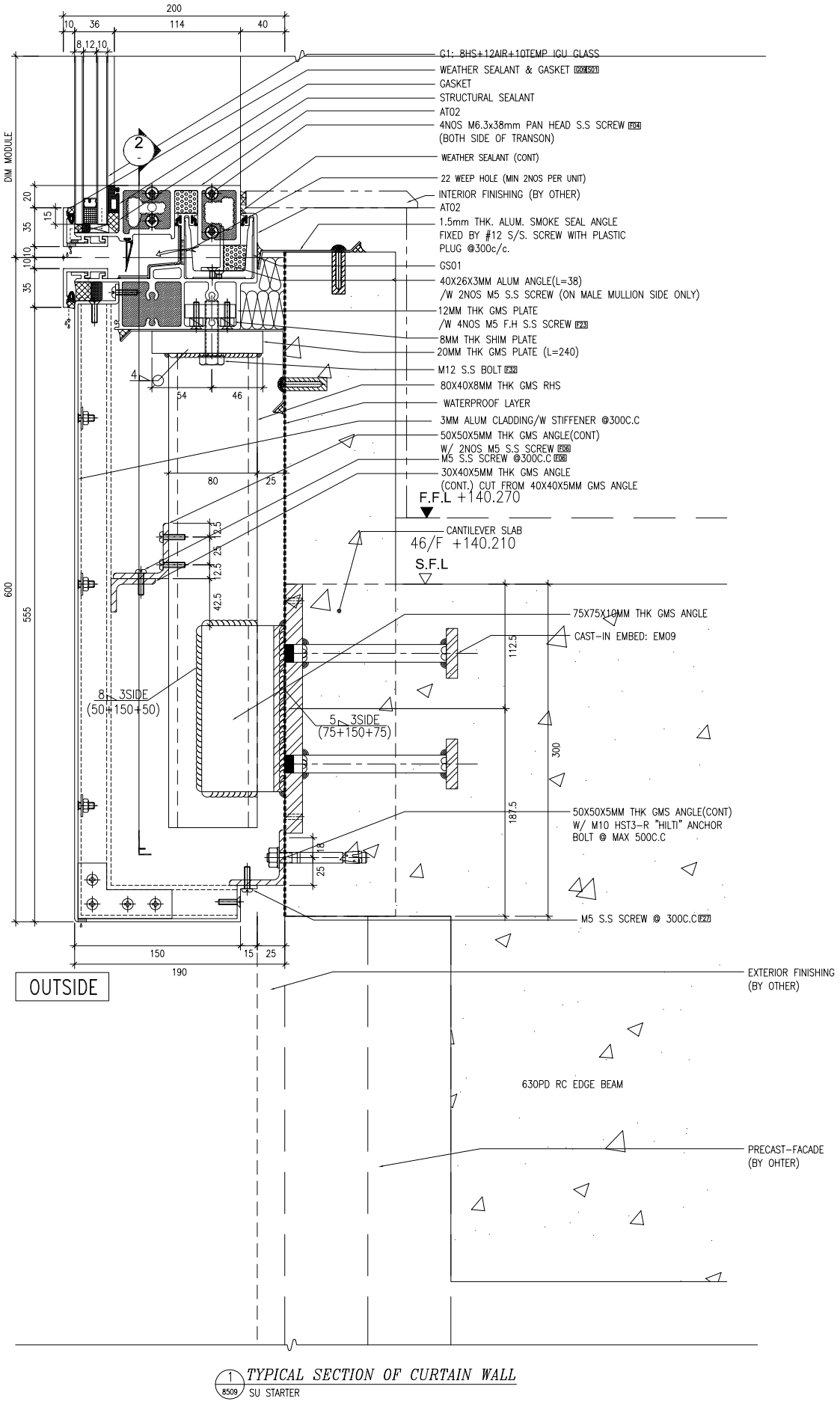
TITLE :
CURTAIN WALL REMEIDAL CASE

DATE : 31-OCT-22 | SCALE : 1:6

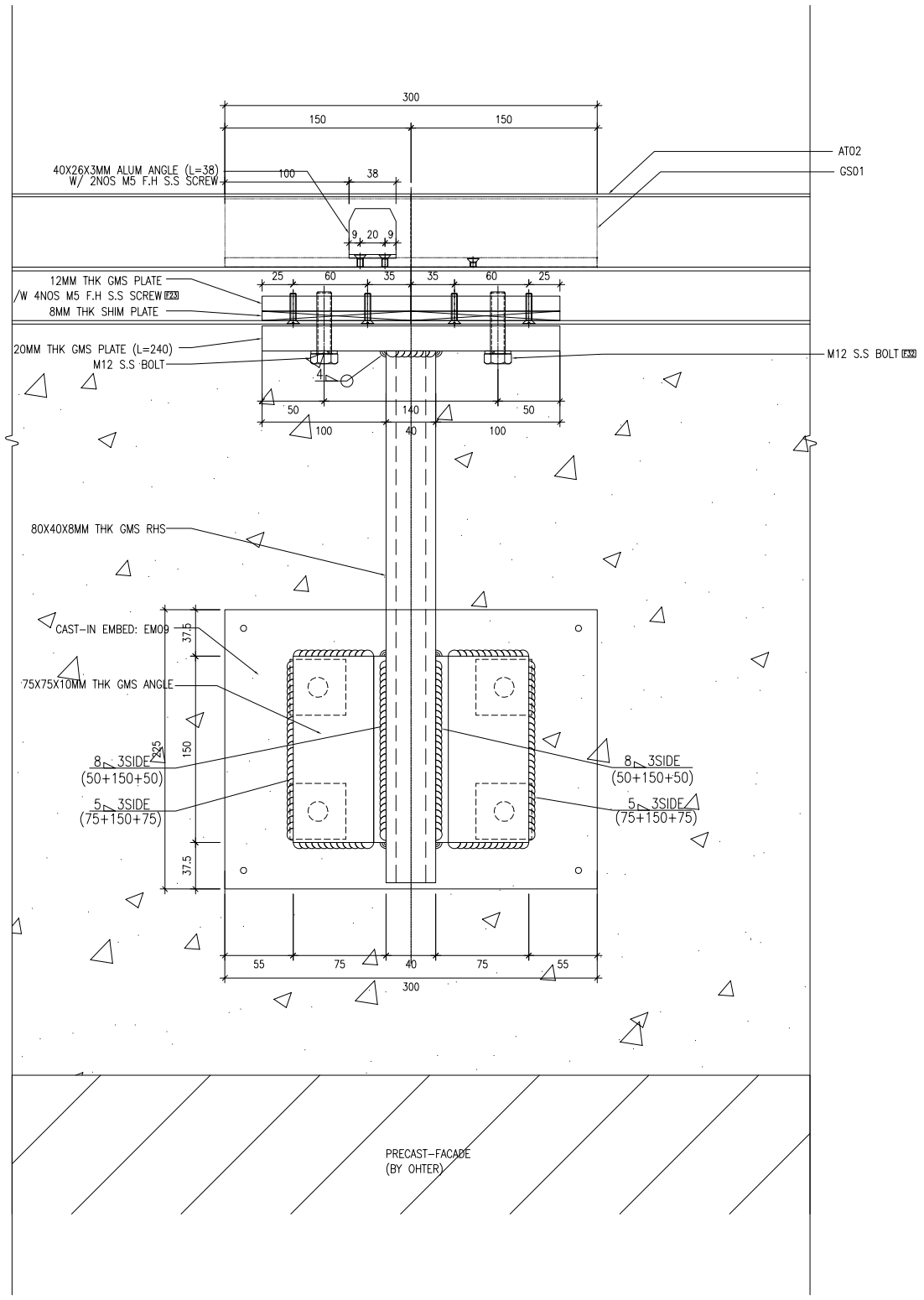
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8508F | REV. : A



1 8509 *TYPICAL SECTION OF CURTAIN WALL*
SU STARTER



2 8509 *SECTION VIEW*
STARTER

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
D	30-MAY-2023	6TH SUBMISSION	CF
C	10-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF
-	21-NOV-2022		CF

JOB NO. : J-856

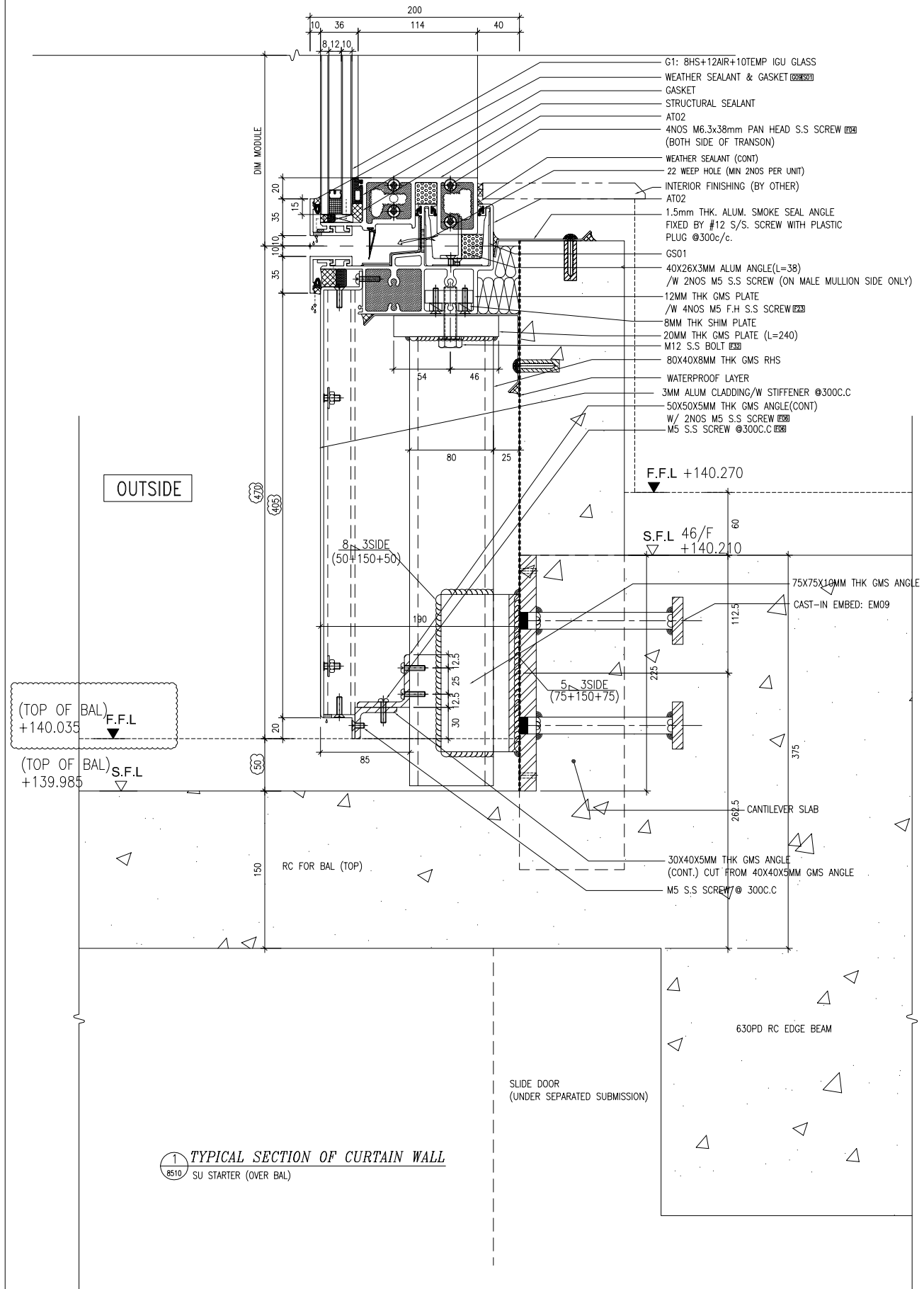
PROJECT :
PROPOSED DEVELOPMENT ABOVE
LIGHT RAIL TIN WING STOP,TSWTL
NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE :
TYPICAL DETAIL
FOR CURTAIN WALL

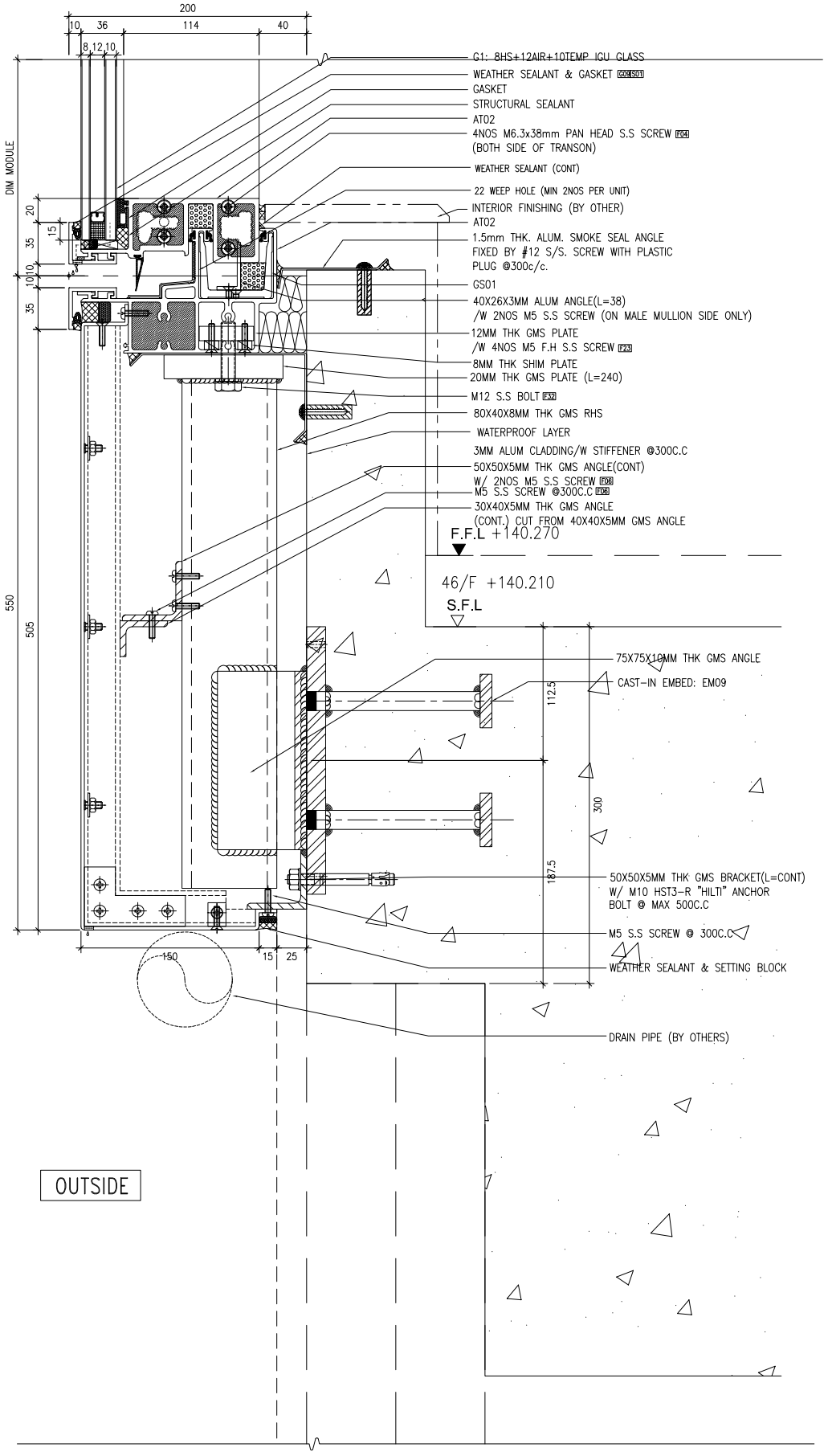
DATE : 31-OCT-22 | SCALE : 1:5
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8509 | REV. : D



1 8510 *TYPICAL SECTION OF CURTAIN WALL*
SU STARTER (OVER BAL)



2 8510 *TYPICAL SECTION OF CURTAIN WALL*
SU STARTER FOR T2-SU-CW2 ONLY

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
E	30-OCT-2023	9TH SUBMISSION	CF
D	30-MAY-2023	6TH SUBMISSION	CF
C	10-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

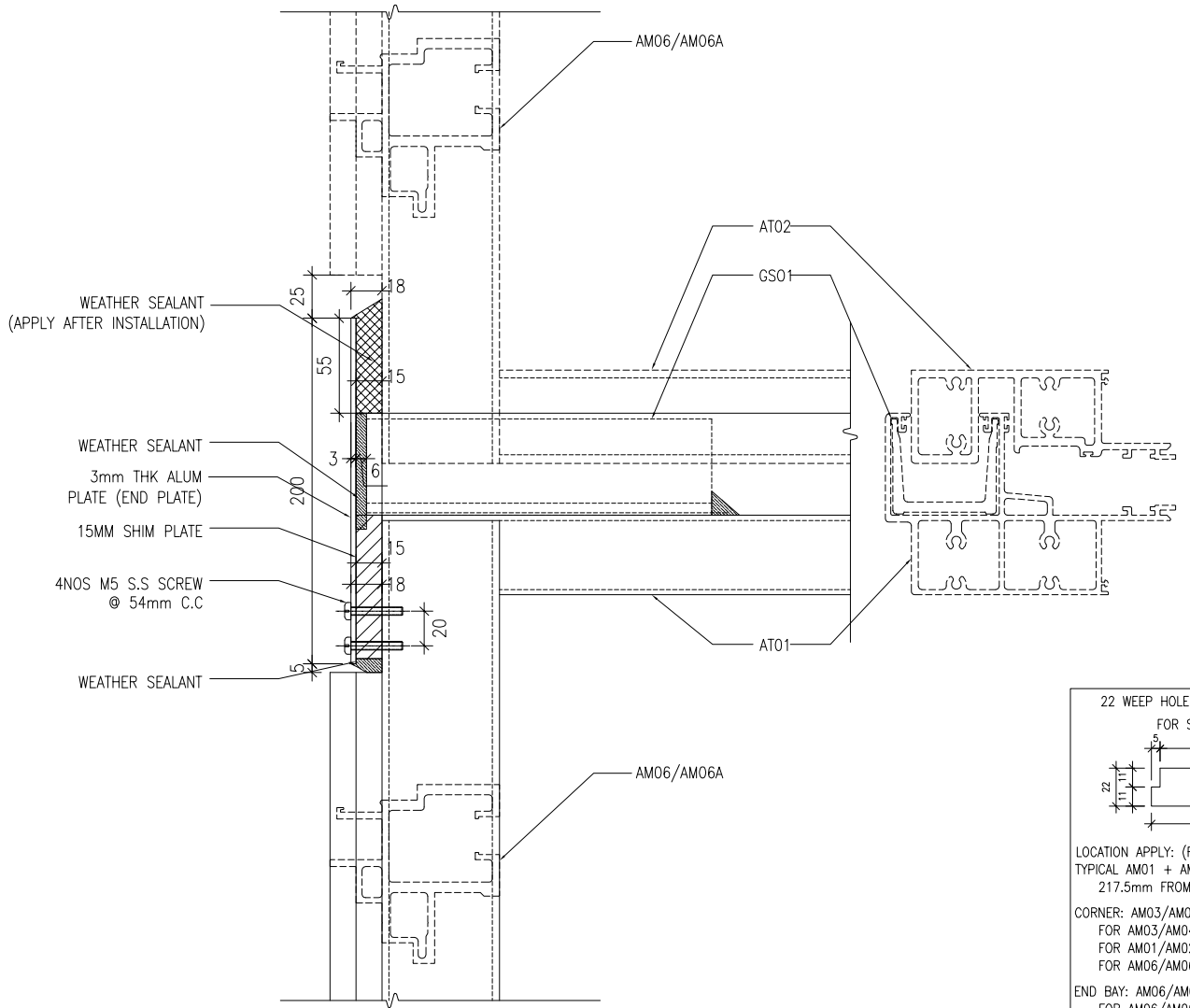
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

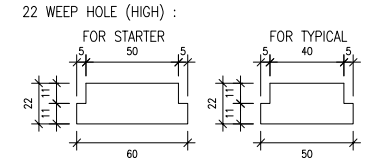
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8510 | REV. : E



A *END PLATE SECTION DETAIL*

22 WEEP HOLE (HIGH) :



LOCATION APPLY: (REFER TO DWG: D32/8510A)
TYPICAL AM01 + AM02:
217.5mm FROM WAY POINT (BOTH SIDE)

CORNER: AM03/AM04 + AM01/AM02 OR AM06/AM06A:
FOR AM03/AM04 SIDE: 351.5mm FROM WAY POINT
FOR AM01/AM02 SIDE: 217.5mm FROM WAY POINT
FOR AM06/AM06A SIDE: 197mm FROM WAY POINT

END BAY: AM06/AM06A + AM01/AM02 OR AM03/AM04:
FOR AM06/AM06A SIDE: 197mm FROM WAY POINT
FOR AM01/AM02 SIDE: 217.5mm FROM WAY POINT
FOR AM03/AM04 SIDE: 351.5mm FROM WAY POINT

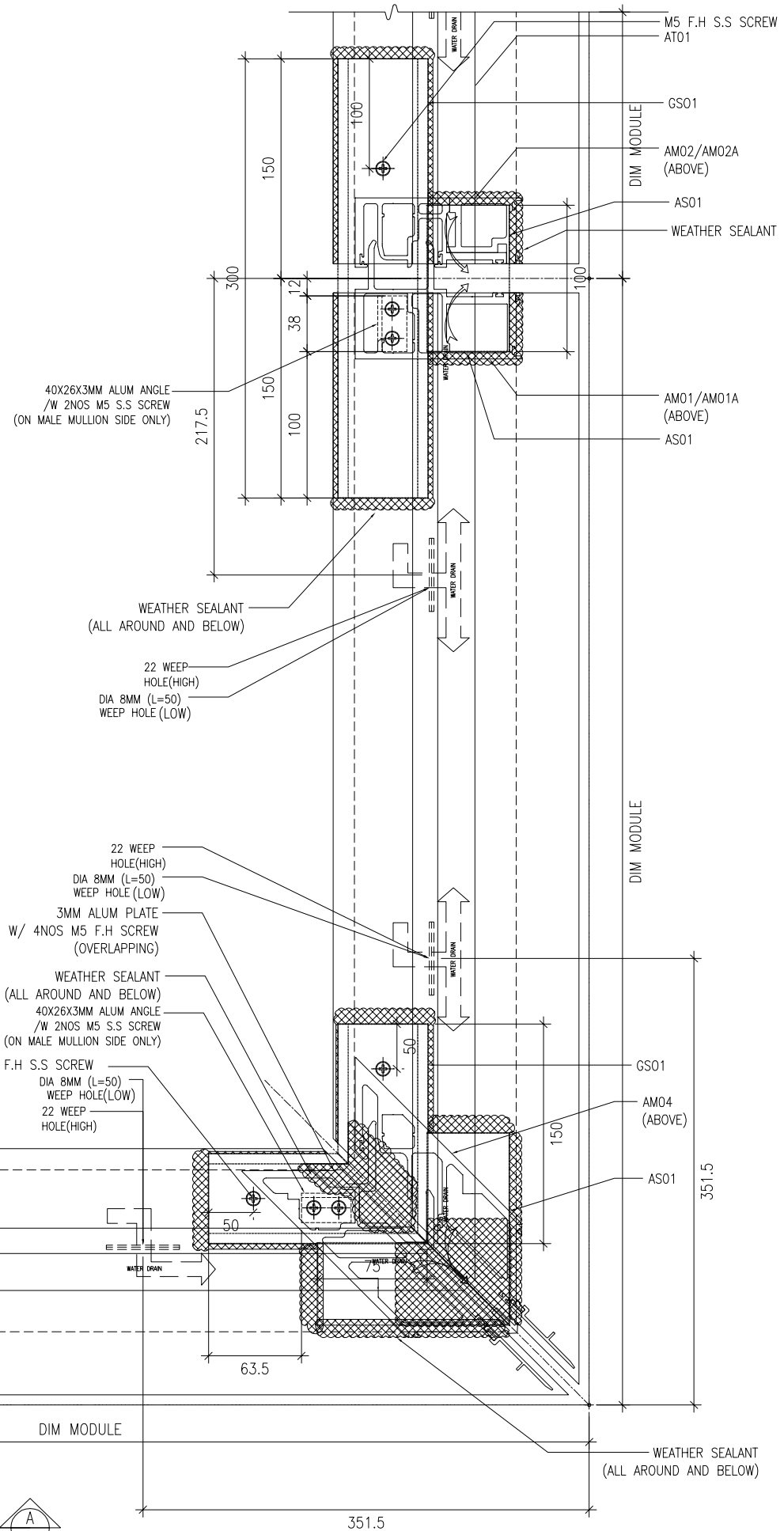
REMARK:

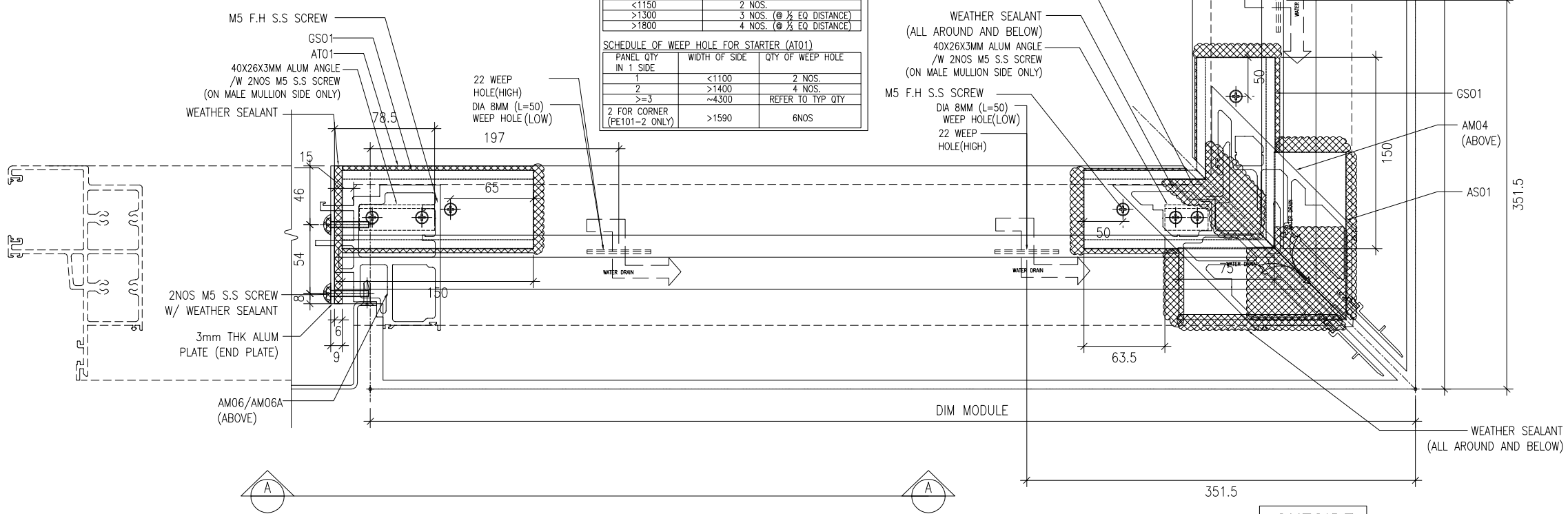
SCHEDULE OF WEEP HOLE FOR TYPICAL (AT01)

WIDTH OF MODULE	QTY OF WEEP HOLE/MODULE
<1150	2 NOS.
>1300	3 NOS. (@ ½ EQ DISTANCE)
>1800	4 NOS. (@ ½ EQ DISTANCE)

SCHEDULE OF WEEP HOLE FOR STARTER (AT01)

PANEL QTY IN 1 SIDE	WIDTH OF SIDE	QTY OF WEEP HOLE
1	<1100	2 NOS.
2	>1400	4 NOS.
>=3	~4300	REFER TO TYP QTY
2 FOR CORNER (PE101-2 ONLY)	>1590	6NOS





D32 *SLEEVE ALLOCATION*

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
D	30 MAY 2023	6TH SUBMISSION	
C	10 MAY 2023	5TH SUBMISSION	
B	10 MAR 2023	4TH SUBMISSION	
A	30 DEC 2022	2ND SUBMISSION	

JOB NO. : J-856

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

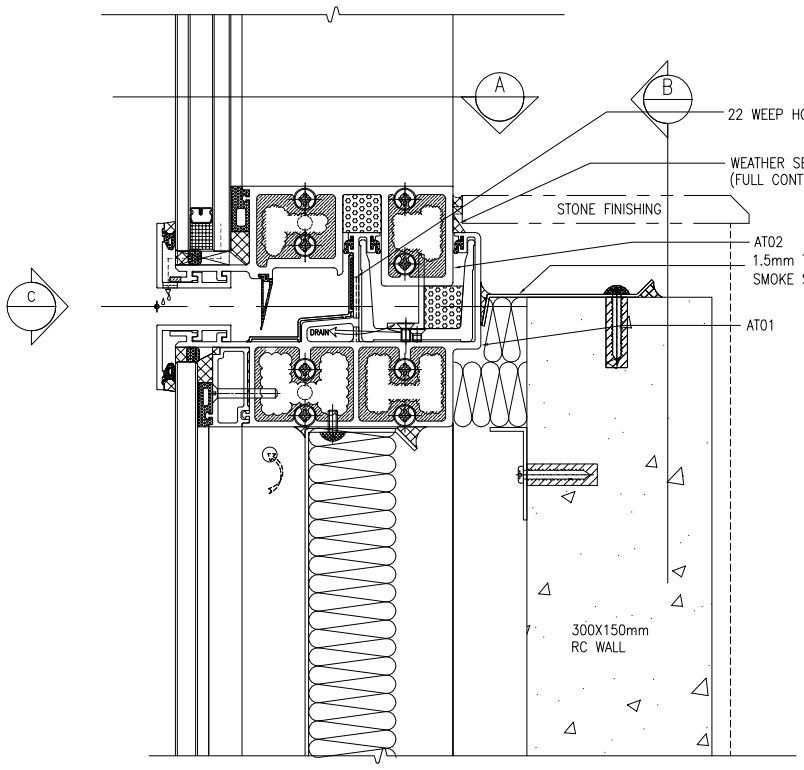
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 20-FEB-23 | SCALE : 1:4

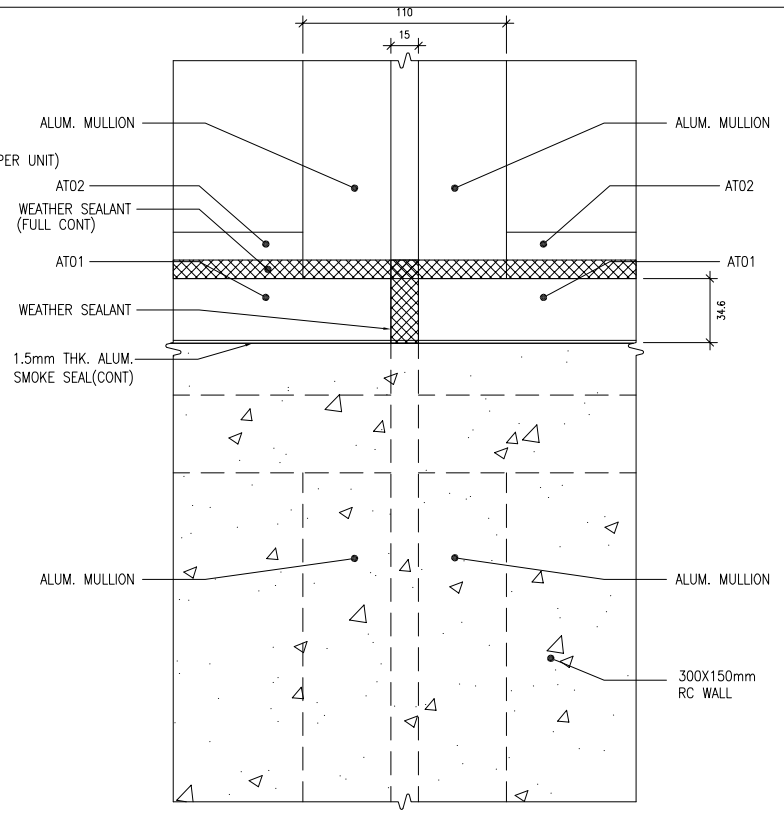
DRAWN BY : C.F | CHECKED BY :

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

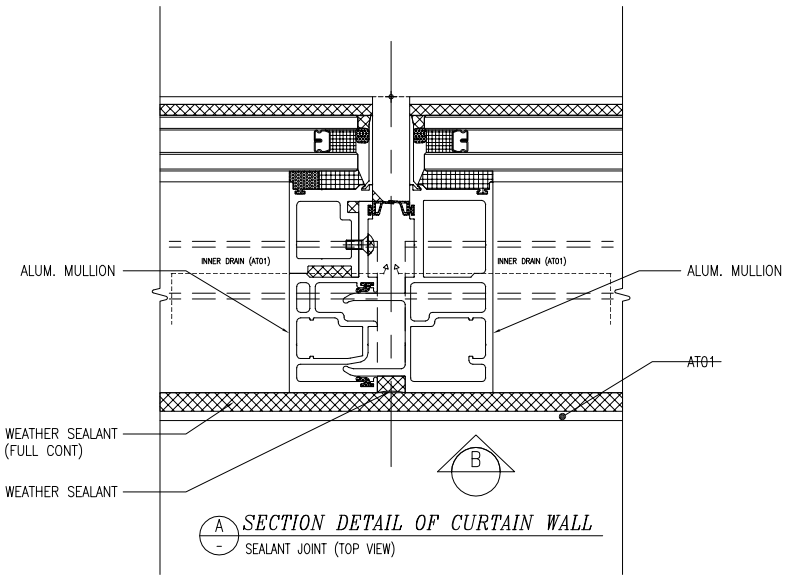
DWG NO. : J856-SD-CW-8510A | REV. : D



1 8510B *SECTION DETAIL OF CURTAIN WALL*
SEALANT JOINT BETWEEN 2 MODULE

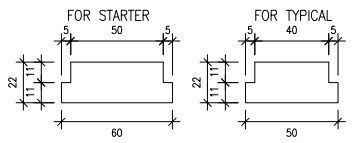


B - *SECTION DETAIL OF CURTAIN WALL*
SEALANT JOINT (BACK VIEW)



A - *SECTION DETAIL OF CURTAIN WALL*
SEALANT JOINT (TOP VIEW)

22 WEEP HOLE (HIGH) :



LOCATION APPLY: (REFER TO DWG: D32/8510A)
TYPICAL AM01 + AM02:
217.5mm FROM WAY POINT (BOTH SIDE)

CORNER: AM03/AM04 + AM01/AM02 OR AM06/AM06A:
FOR AM03/AM04 SIDE: 351.5mm FROM WAY POINT
FOR AM01/AM02 SIDE: 217.5mm FROM WAY POINT
FOR AM06/AM06A SIDE: 197mm FROM WAY POINT

END BAY: AM06/AM06A + AM01/AM02 OR AM03/AM04:
FOR AM06/AM06A SIDE: 197mm FROM WAY POINT
FOR AM01/AM02 SIDE: 217.5mm FROM WAY POINT
FOR AM03/AM04 SIDE: 351.5mm FROM WAY POINT

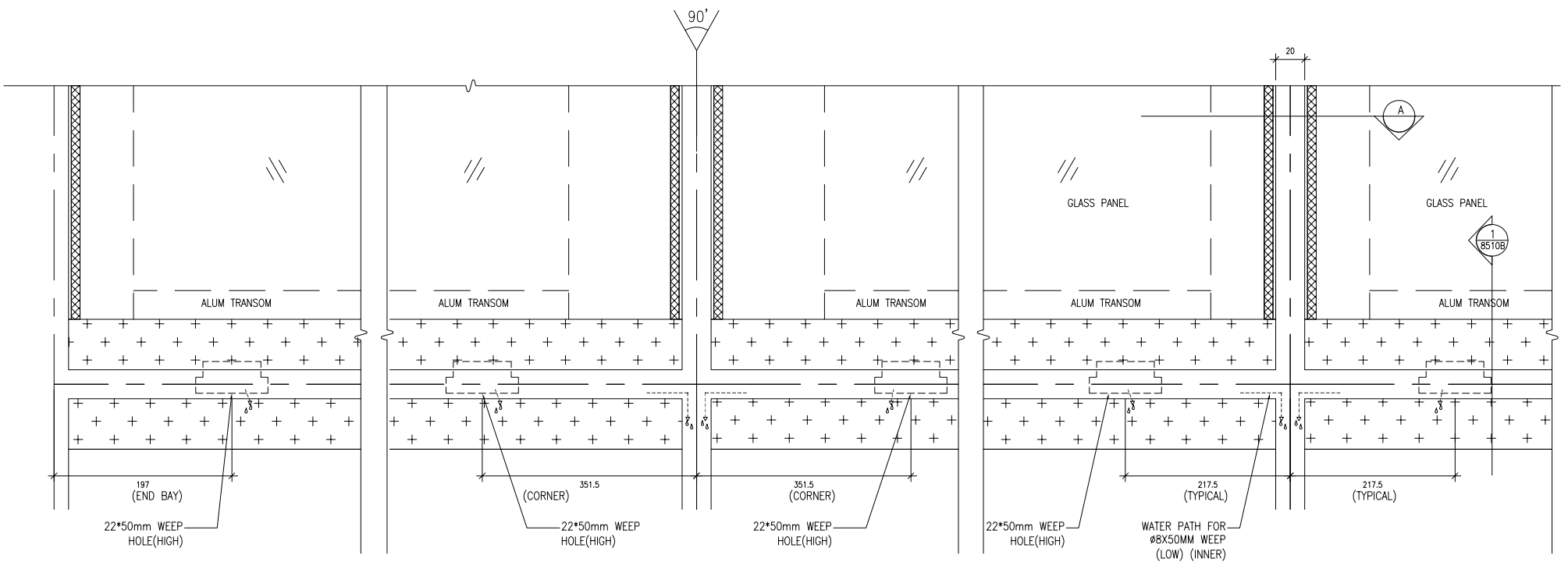
REMARK:

SCHEDULE OF WEEP HOLE FOR TYPICAL (AT01)

WIDTH OF MODULE	QTY OF WEEP HOLE/MODULE
<1150	2 NOS.
>1300	3 NOS. (@ ½ EQ DISTANCE)
>1800	4 NOS. (@ ⅓ EQ DISTANCE)

SCHEDULE OF WEEP HOLE FOR STARTER (AT01)

PANEL QTY IN 1 SIDE	WIDTH OF SIDE	QTY OF WEEP HOLE
1	<1100	2 NOS.
2	>1400	4 NOS.
>=3	~4300	REFER TO TYP QTY
2 FOR CORNER (PE101-2 ONLY)	>1590	6NOS



C - *ELEV VIEW FOR CURTAIN WALL*
(NTS)

B.D. REF :

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

ARCHITECT :
lwk&partners
architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

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

NO.	DATE	REVISED	BY
-	22-MAY-2023	NEW DRAWING (6TH SUBMISSION)	CF

JOB NO. : J-856

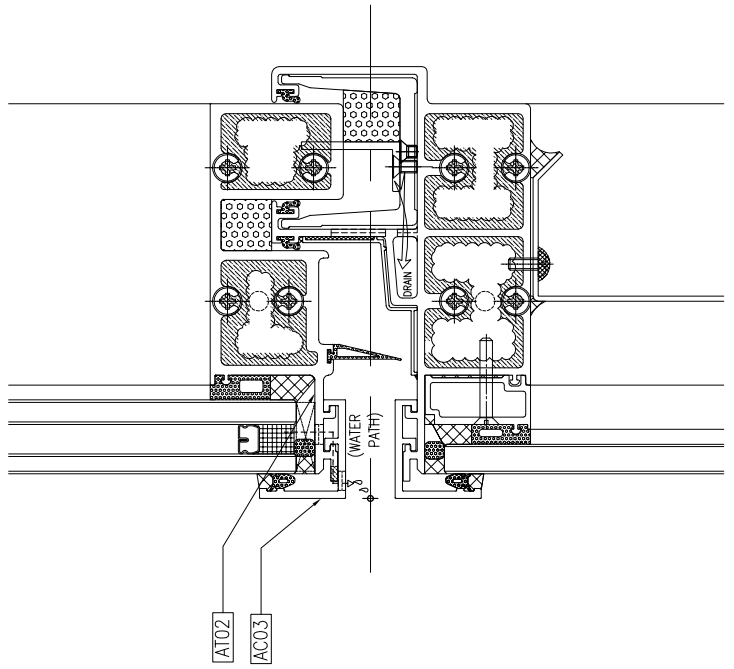
PROJECT :
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

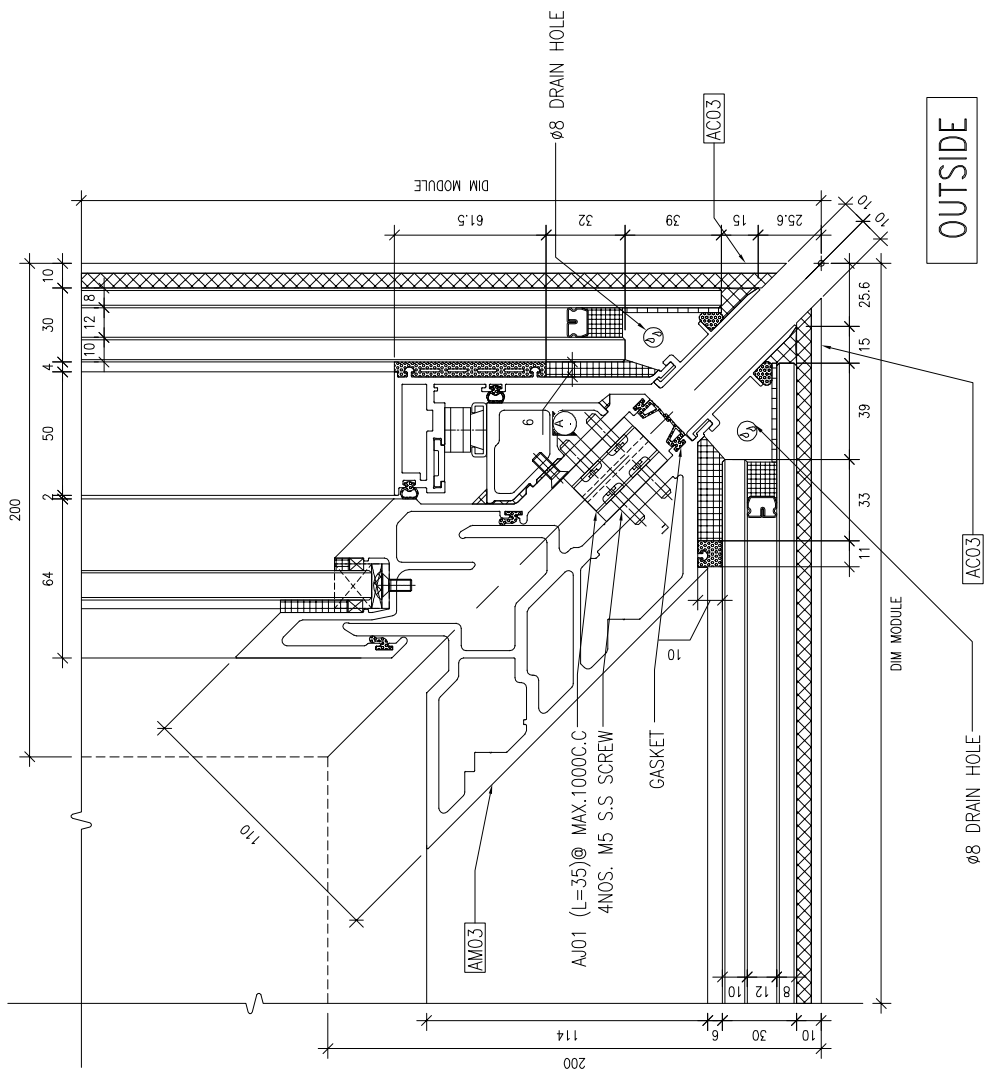
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

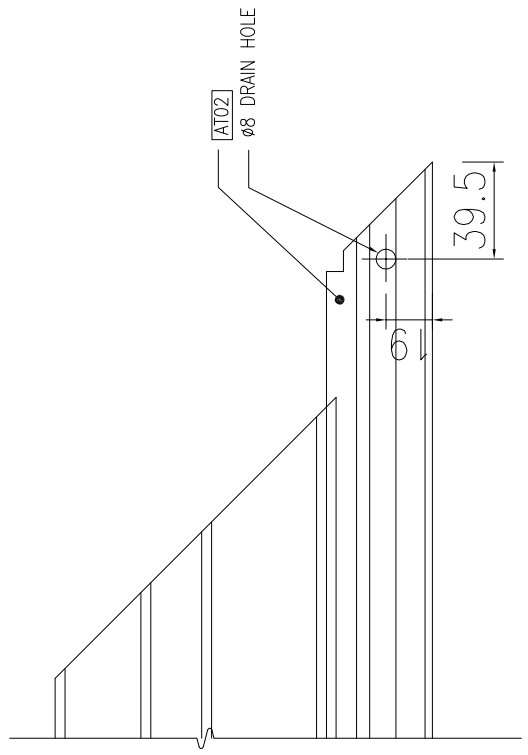
DATE : 22-FEB-23 | SCALE : 1:4
DRAWN BY : C.F | CHECKED BY :

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

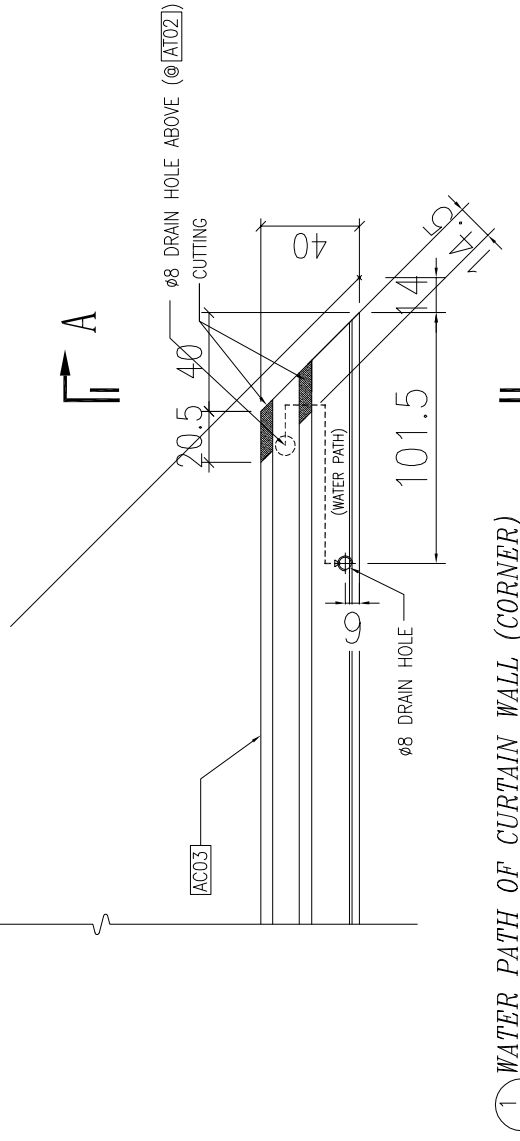
DWG NO. : J856-SD-CW-8510B | REV. : -

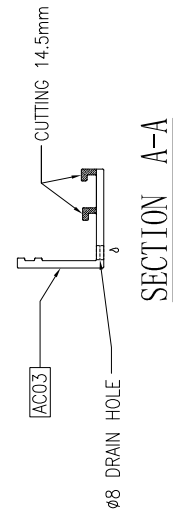






1 WATER PATH OF CURTAIN WALL (CORNER)
8510C





SECTION A-A

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

LEGEND :
X1 — DETAIL MARK NO.
X001 — REFER SHEET NO.

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

NO.	DATE	REVISED	BY
–	22–MAY–2023	NEW DRAWING (6TH SUBMISSION)	CF

JOB NO. : J–856

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

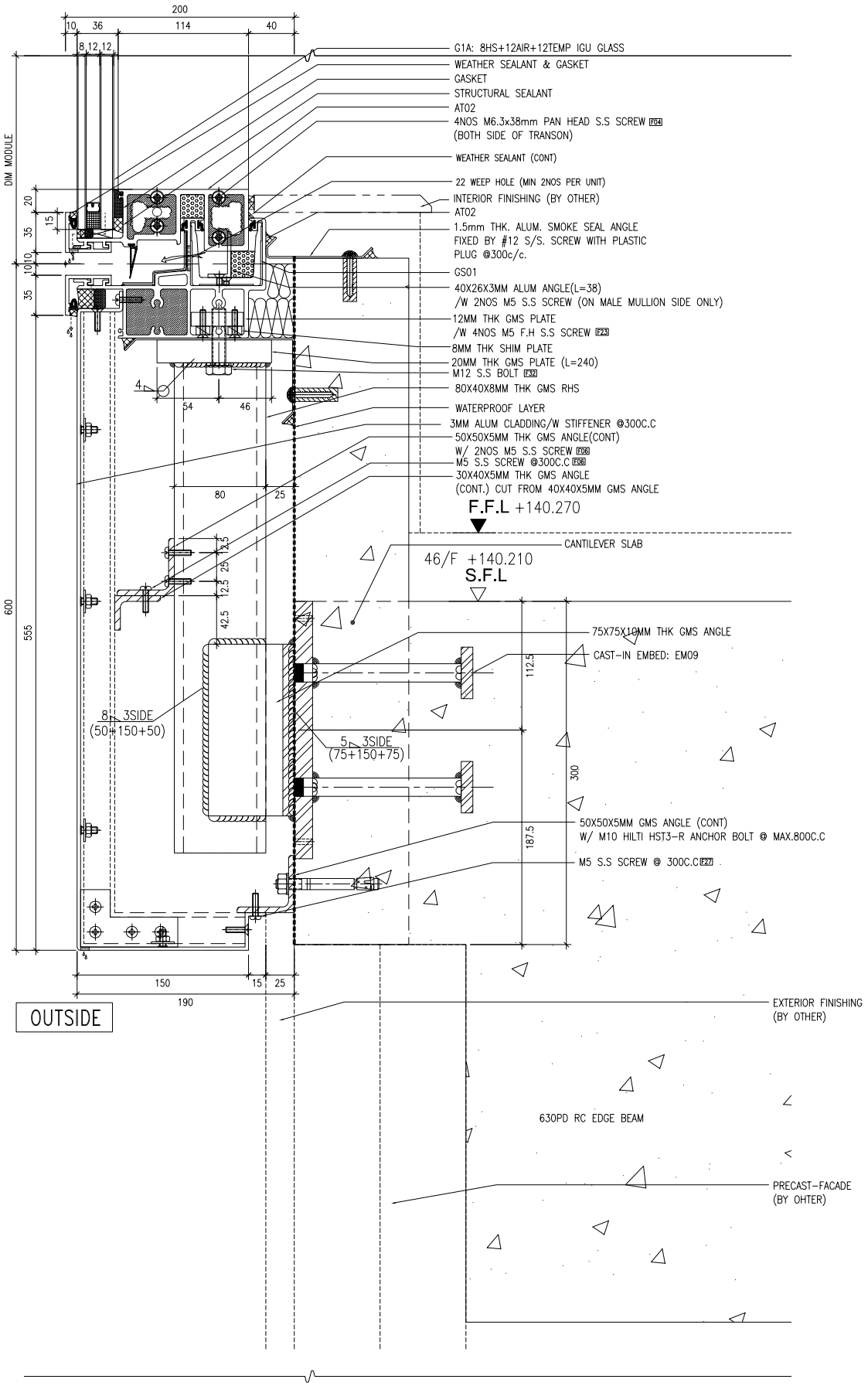
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 22–FEB–23 | SCALE : 1:3

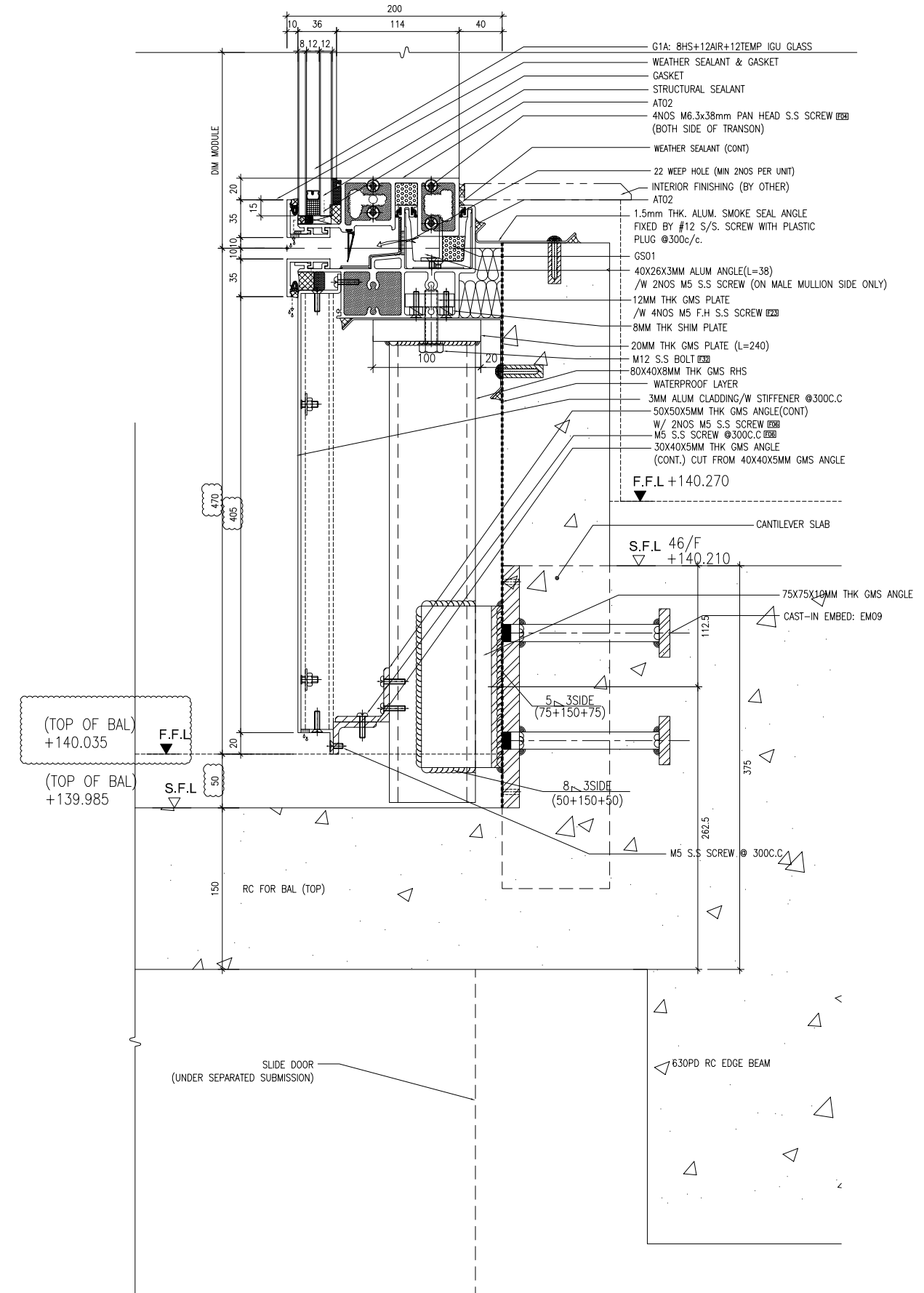
DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856–SD–CW–8510C | REV. : –



1 8511 *TYPICAL SECTION OF CURTAIN WALL*
SU STARTER



2 8511 *TYPICAL SECTION OF CURTAIN WALL*
SU STARTER

B.D. REF :

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

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

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
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LEGEND :
X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.
1. F.F.L. --FINISHED FLOOR LEVEL
2. S.F.L. --STRUCTURAL FLOOR LEVEL
3. /R --REVERSED DETAIL

NO.	DATE	REVISED	BY
E	30-OCT-2023	9TH SUBMISSION	CF
D	30-MAY-2023	6TH SUBMISSION	CF
C	10-MAY-2023	5TH SUBMISSION	CF
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

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

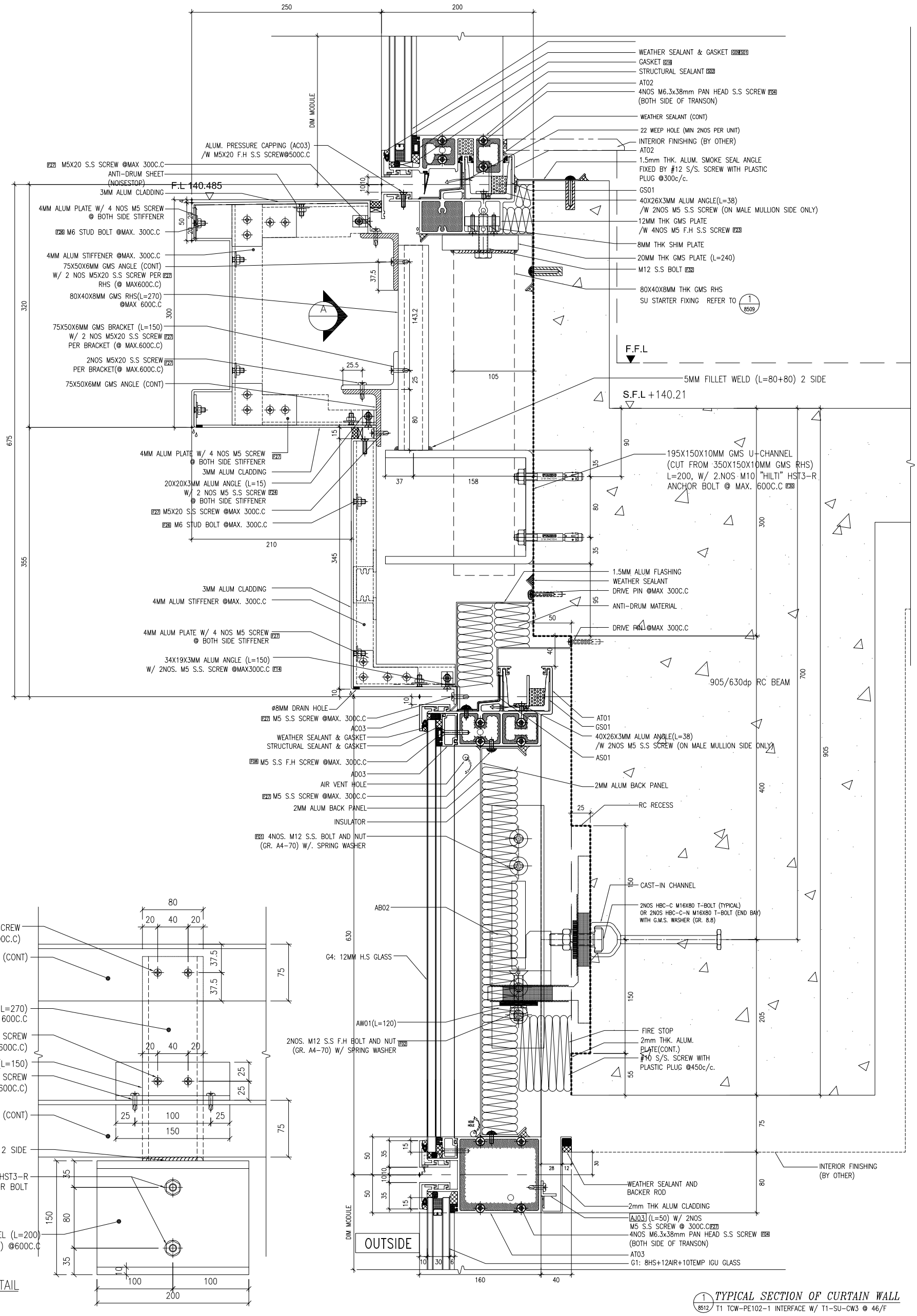
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8511 | REV. : E



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

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

NO.	DATE	REVISED	BY
F	03-OCT-2023	8TH SUBMISSION(R1)	CF
E	29-SEP-2023	8TH SUBMISSION	CF
D	22-AUG-2023	7TH SUBMISSION	CF
C	30-MAY-2023	6TH SUBMISSION	CF
B	10-MAY-2023	5TH SUBMISSION	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 :
TYPICAL DETAIL
FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5
DRAWN BY : C.F | CHECKED BY :

DWG NO. : J856-SD-CW-8512 | REV. : F

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

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

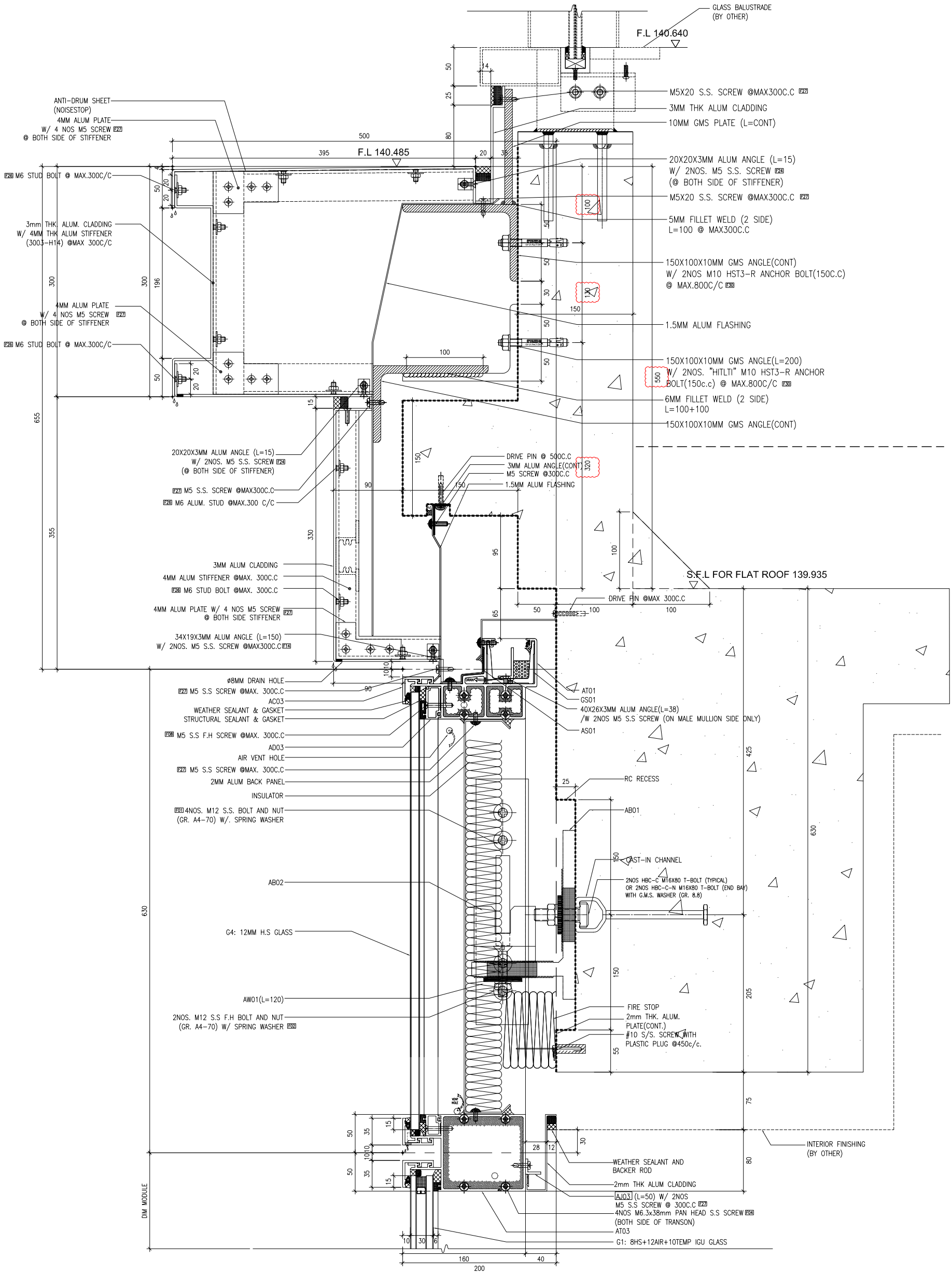
ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT :
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

B.D. REF :



1 / 8513 *TYPICAL SECTION OF CURTAIN WALL*
T3 TCW-PE301-2

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

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

NO.	DATE	REVISED	BY
D	30-OCT-2023	9TH SUBMISSION	CF
C	03-OCT-2023	8TH SUBMISSION(R1)	CF
B	22-AUG-2023	7TH SUBMISSION	CF
A	10-MAY-2022	5TH SUBMISSION	CF
-	16-DEC-2022	NEW DRAWING	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 :
TYPICAL DETAIL
FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5
DRAWN BY : C.F | CHECKED BY :

DWG NO. : J856-SD-CW-8513 | REV. : D

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

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

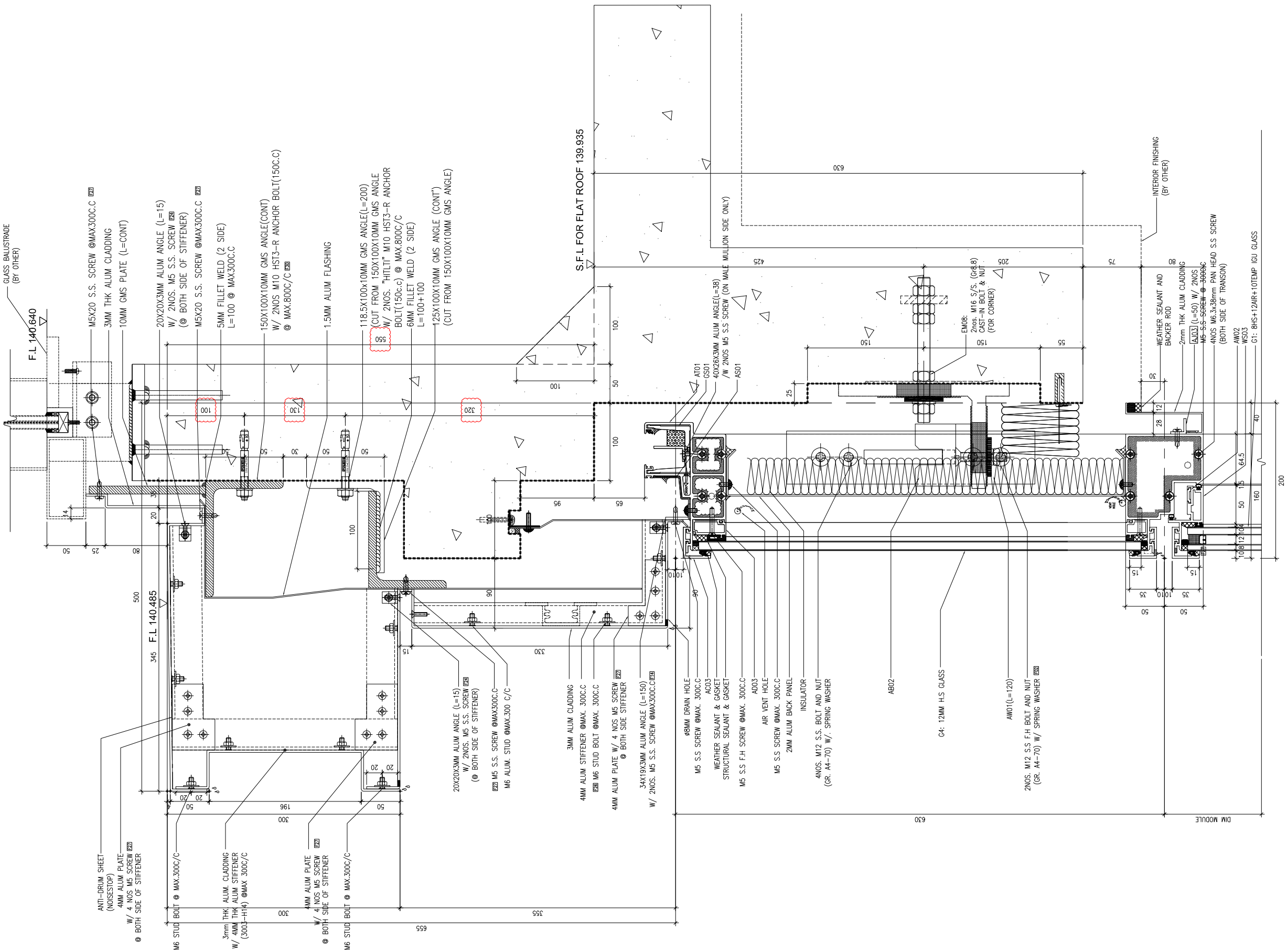
ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

B.D. REF :



1 TYPICAL SECTION OF CURTAIN WALL
SCALE 1:5 T3 TCW-PE301-2

B.D. REF :

REDESIGN ALUM FEATURE
PER UPDATED GBP

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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LEGEND :

X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.

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

NO.	DATE	REVISED	BY
A	30-OCT-2023	9TH SUBMISSION	CF
–	29-SEP-2023	8TH SUBMISSION(NEW DRAWING)	CF

JOB NO. : J-856

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

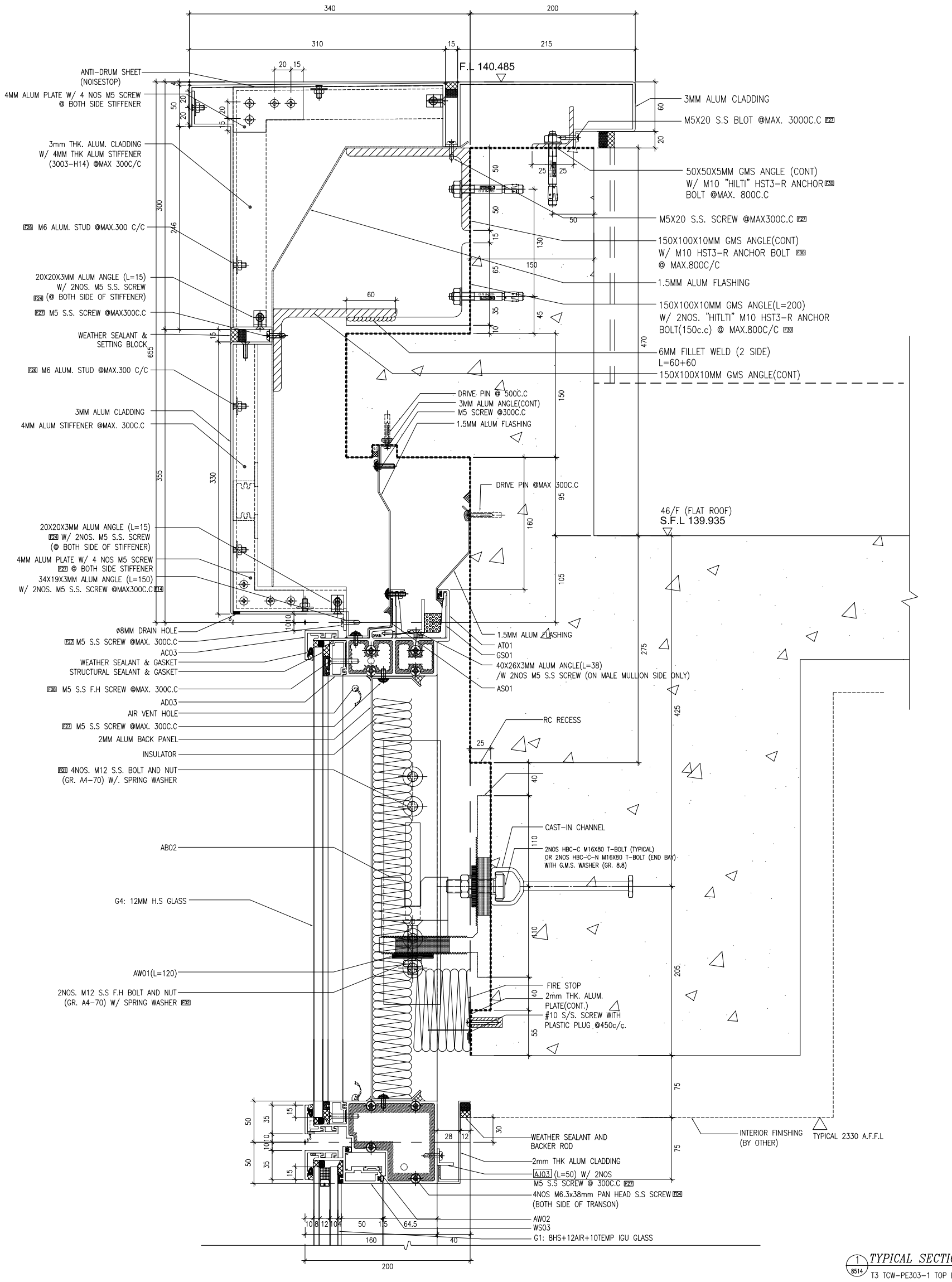
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | 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-CW-8513A | REV. : A



1 / 8514 *TYPICAL SECTION OF CURTAIN WALL*

T3 TCW-PE303-1 TOP END

B.D. REF :

CLIENT :

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

ARCHITECT :

iwk&partners architects

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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LEGEND :
X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.
1. F.F.L. -- FINISHED FLOOR LEVEL
2. S.F.L. -- STRUCTURAL FLOOR LEVEL
3. /R -- REVERSED DETAIL

NO.	DATE	REMARKS	BY
C	03-OCT-2023	8TH SUBMISSION(R1)	CF
B	22-AUG-2023	7TH SUBMISSION	CF
A	10-MAY-2022	5TH SUBMISSION	CF
-	14-FEB-2022	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

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

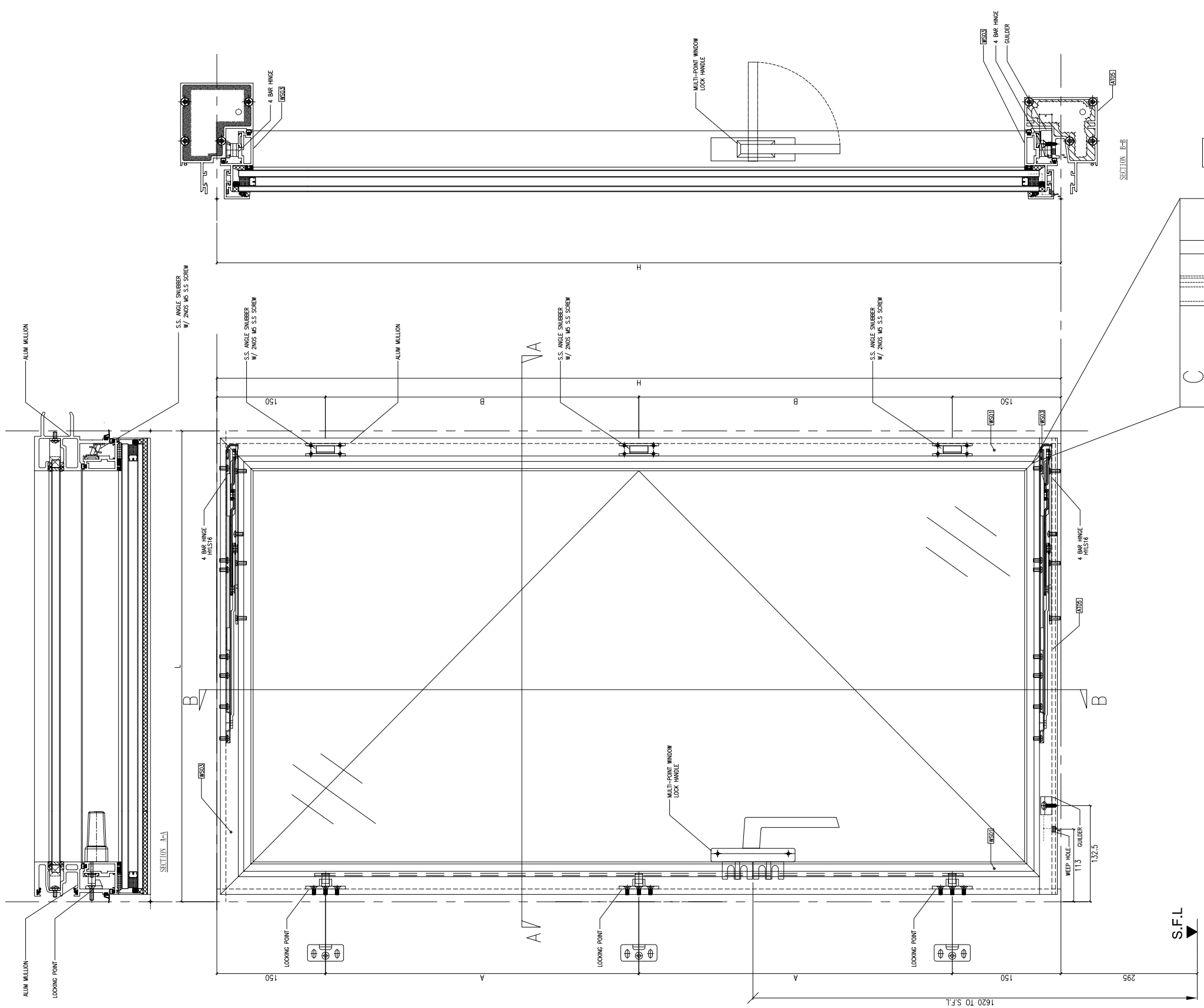
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

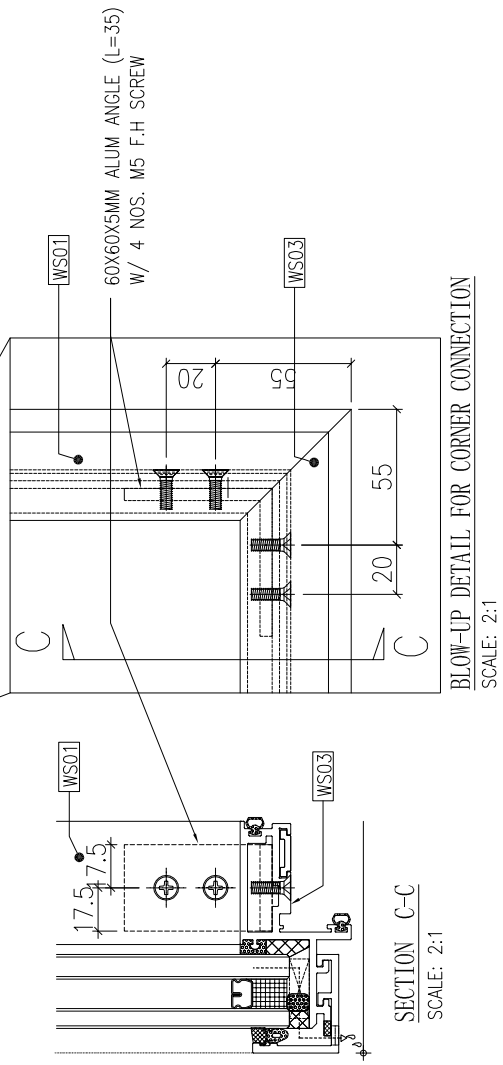
DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

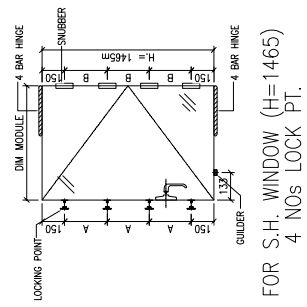
MIDI ALUMINUM FABRICATOR LTD. 美特鋁廠有限公司
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

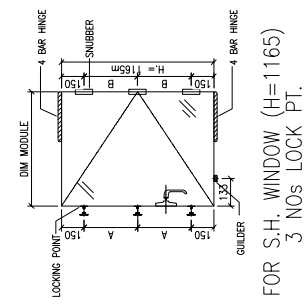
DWG NO. : J856-SD-CW-8514 | REV. : C





S.H. WINDOW					
L(mm)	H(mm)	LOCK PT	A (mm)	SNUBBER	B (mm)
650	1165	3 NOs	432.5	3 NOs	432.5
650	1465	4 NOs	388.3	4 NOs	388.3





B.D. REF :

CLIENT :

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

ARCHITECT :

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

MAIN CONTRACTOR :

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

STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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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

NO.	DATE	REVISED	BY
A	30-MAY-2023	6TH SUBMISSION	CF

JOB NO. : J-856

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

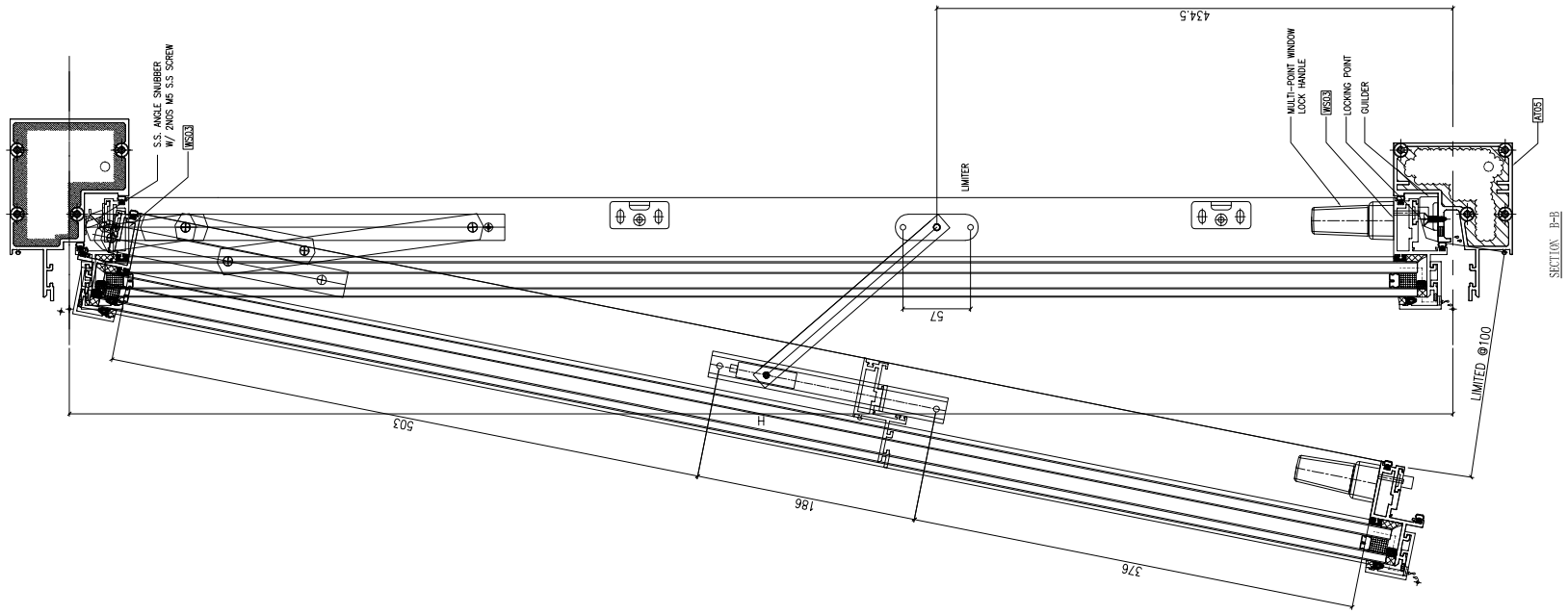
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL (PMU)

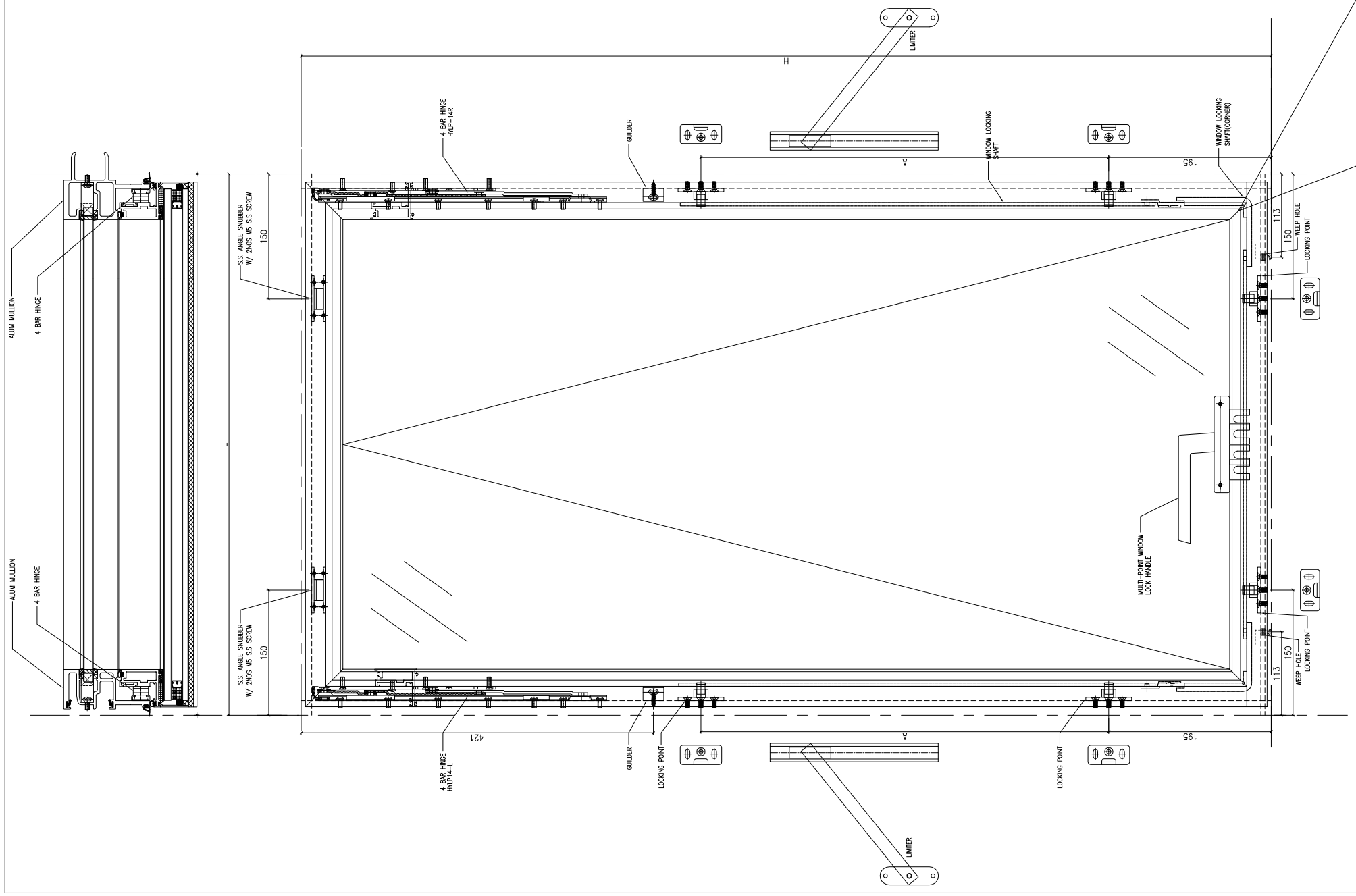
DATE : 31-MAR-23 | SCALE : 1:6

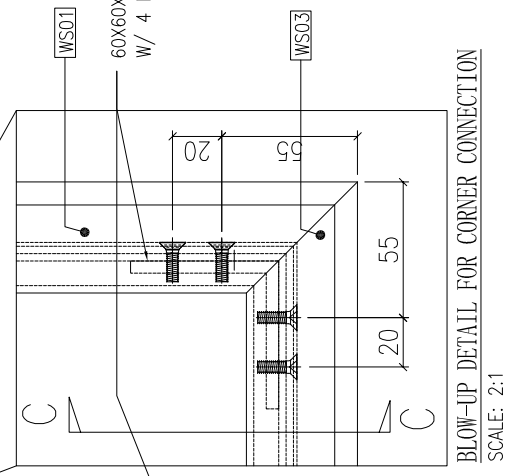
DRAWN BY : C.F | CHECKED BY :

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

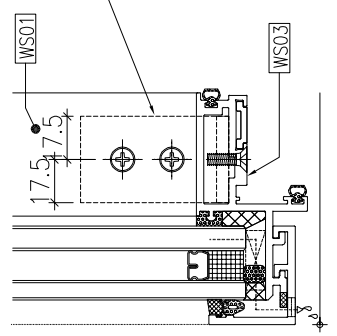
DWG NO. : J856-SD-CW-8515 | REV. : A





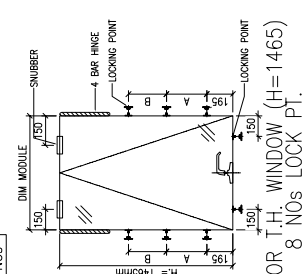


BLOW-UP DETAIL FOR CORNER CONNECTION
SCALE: 2:1

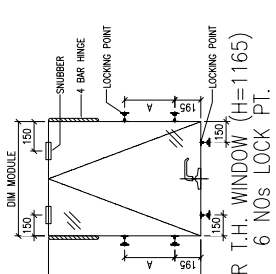


SECTION C-C
SCALE: 2:1

T.H. WINDOW				
L(mm)	H(mm)	LOCK PT	A (mm)	B (mm)	SNUBBER
<=820	1165	6 NOs	490	490	2 NOs
<=820	1465	8 NOs	330		2 NOs
<=1125	1165	6 NOs	490		2 NOs



FOR T.H. WINDOW (H=1465)
8 NOs LOCK PT.



FOR T.H. WINDOW (H=1165)
6 NOs LOCK PT.

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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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

NO.	DATE	REVISED	BY
A	30-MAY-2023	6TH SUBMISSION	CF

JOB NO. : J-856

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

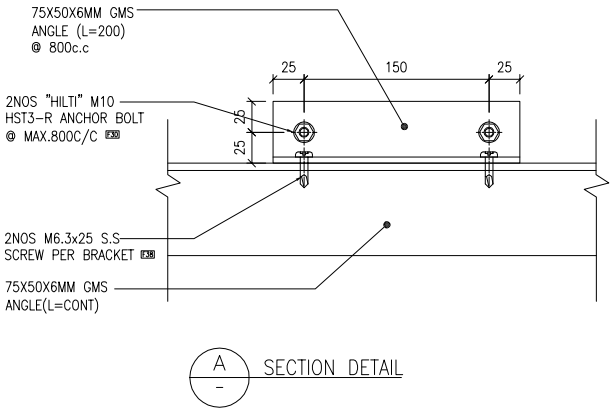
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL (PMU)

DATE : 31-MAR-23 | SCALE : 1:4

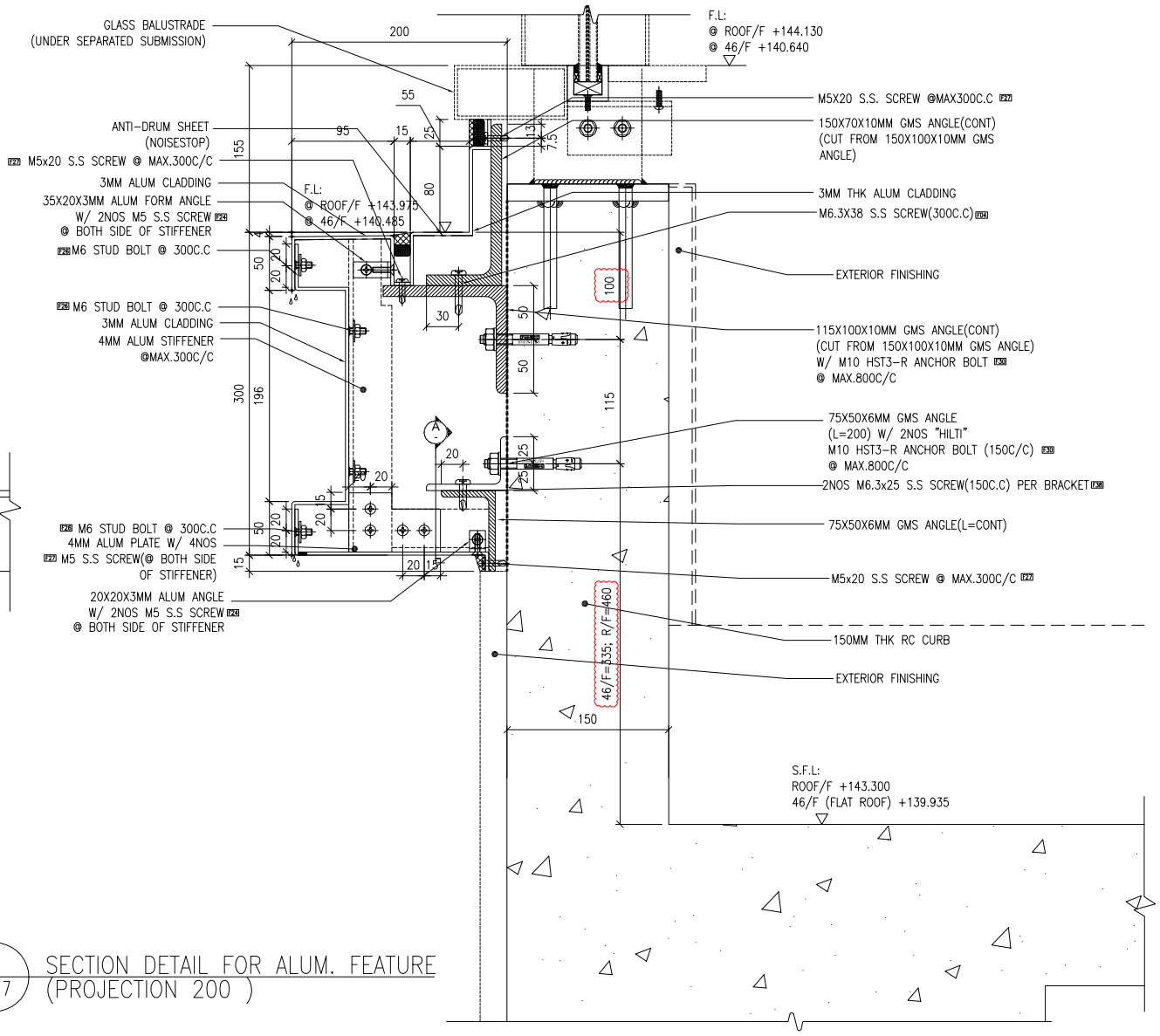
DRAWN BY : C.F | CHECKED BY :

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

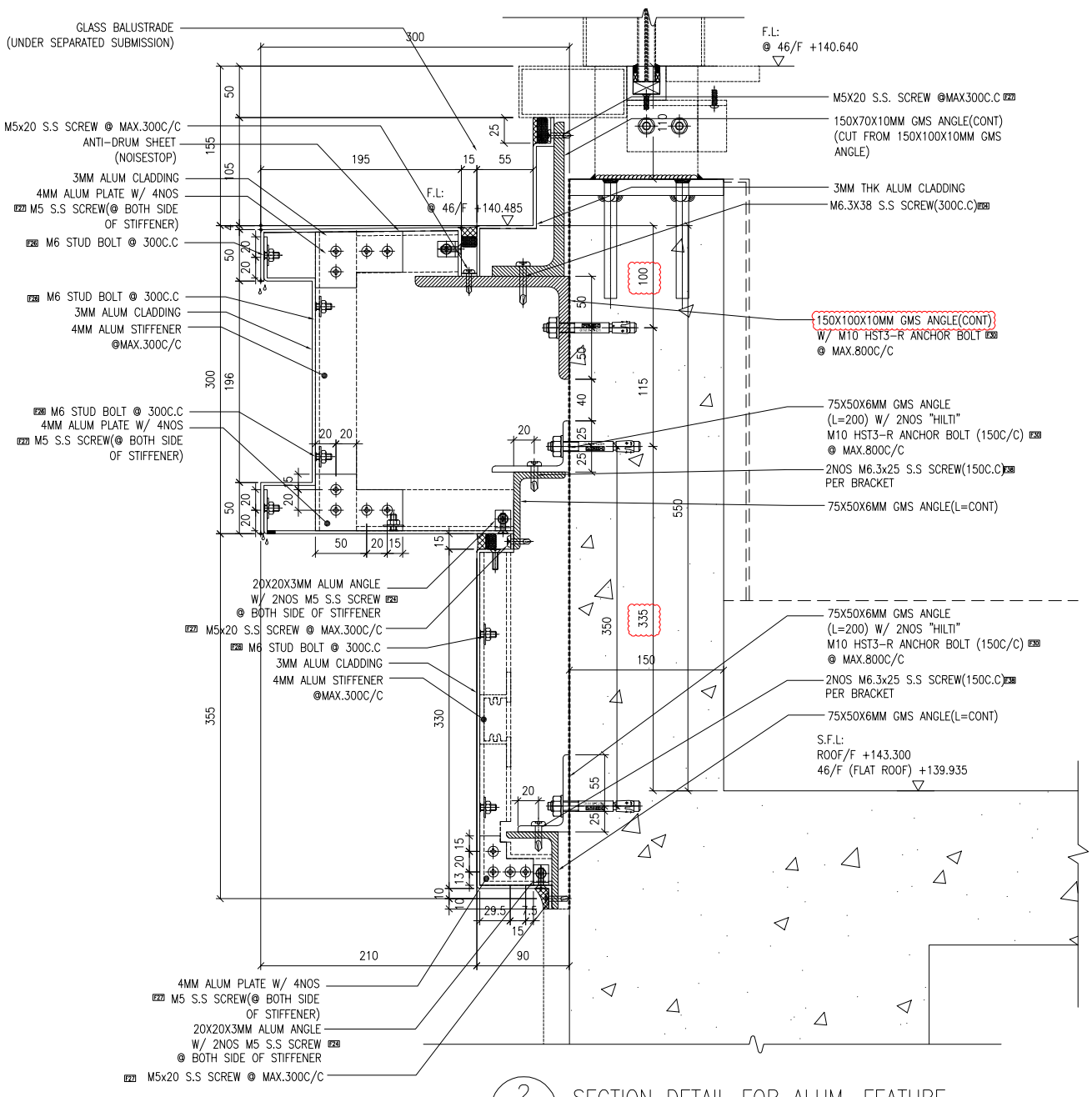
DWG NO. : J856-SD-CW-8516 | REV. : A



A – SECTION DETAIL



1/8517 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 200)



2/8517 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 300)

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

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

NO.	DATE	REMARKS	BY
B	30-OCT-2023	9TH SUBMISSION	CF
A	29-SEP-2023	8TH SUBMISSION	CF
–	22-AUG-2023	7TH SUBMISSION (NEW DRAWING)	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 :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:7

DRAWN BY : C.F | CHECKED BY :

美特鋁廠有限公司
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-CW-8517 | REV. : B

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

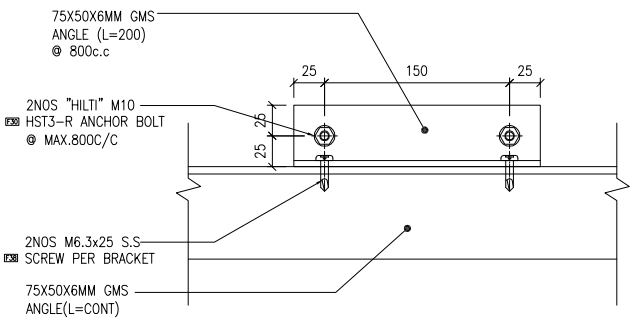
ARCHITECT :
lw&partners architects

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

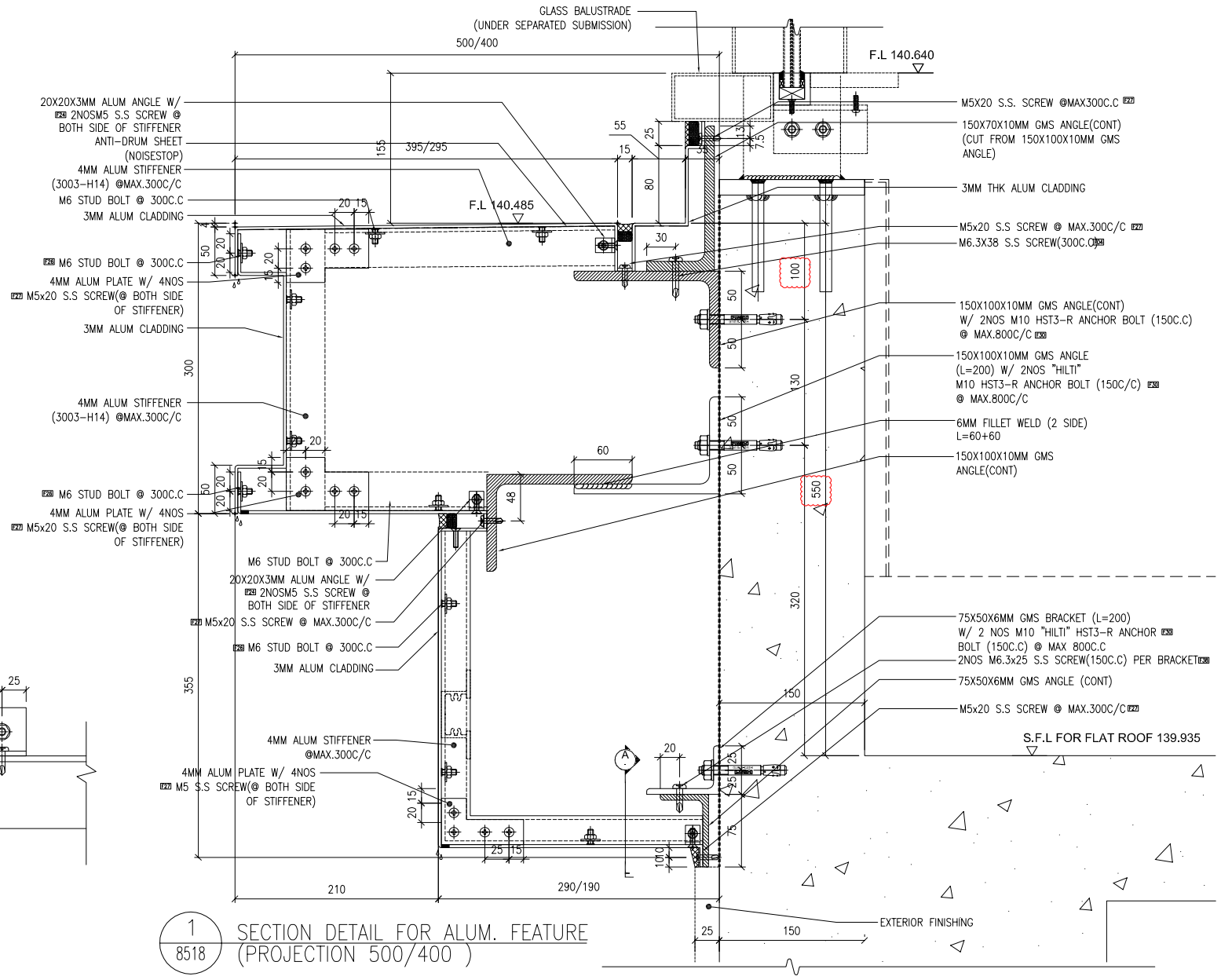
STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

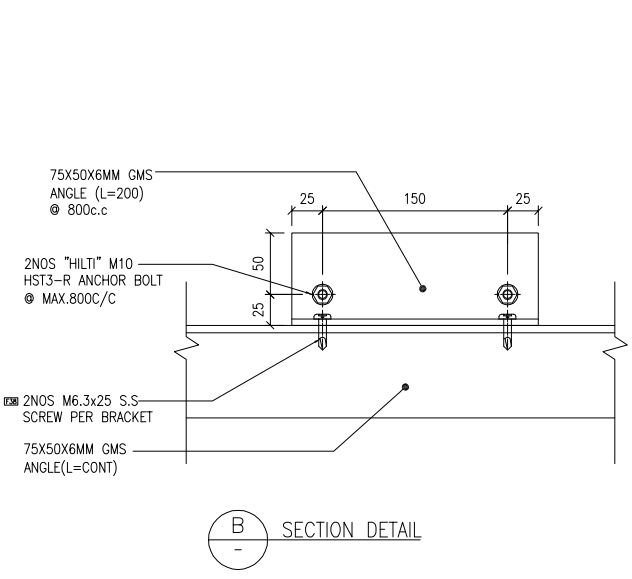
B.D. REF :



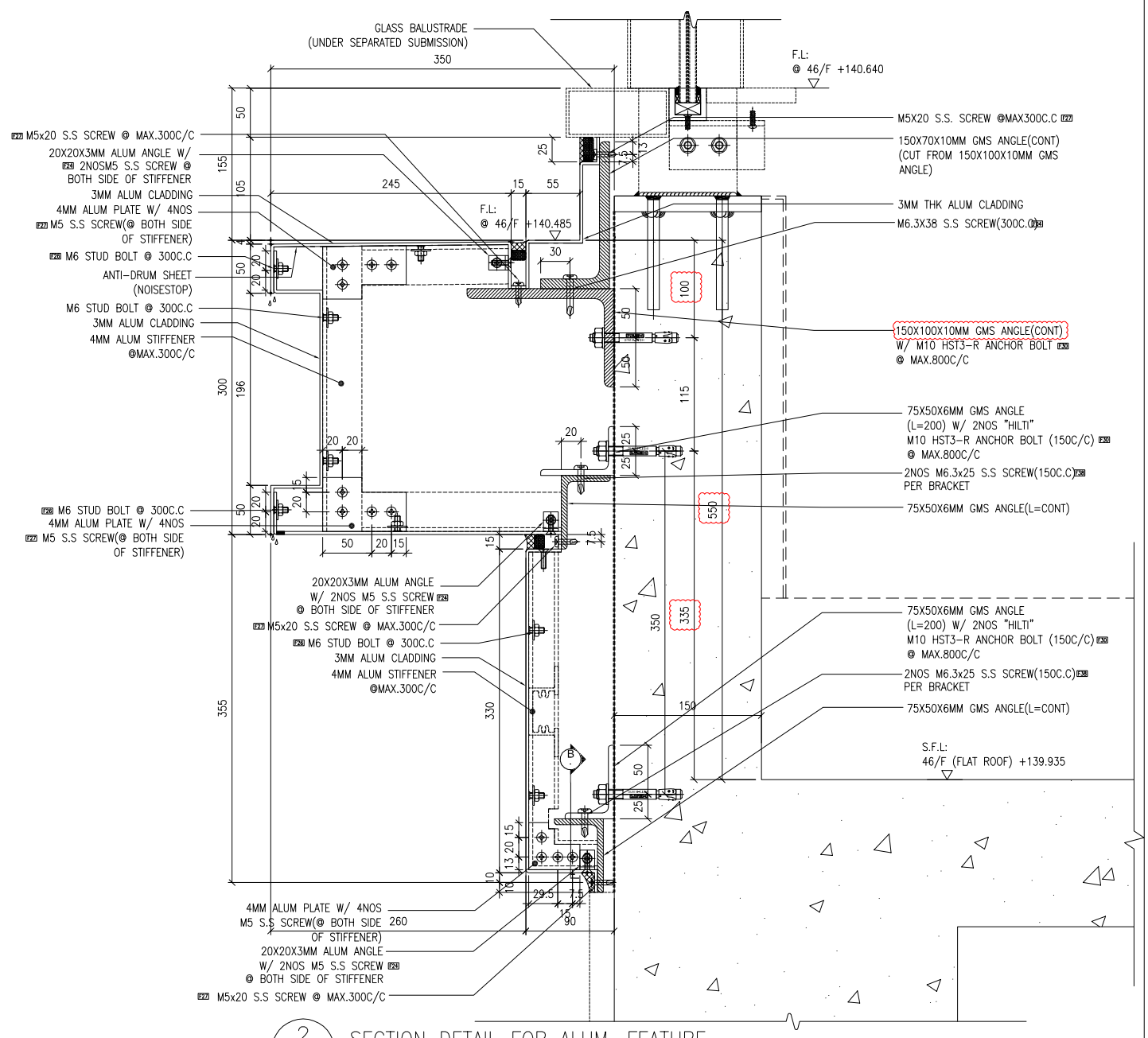
A / - SECTION DETAIL



1 / 8518 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 500/400)



B / - SECTION DETAIL



2 / 8518 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 350)

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

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

NO.	DATE	
B	30-OCT-2023	9TH SUBMISSION
A	29-SEP-2023	8TH SUBMISSION
-	22-AUG-2023	7TH SUBMISSION (NEW DRAWING)

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

DATE : 31-OCT-22 | SCALE : 1:7

DRAWN BY : C.F | CHECKED BY :

DWG NO. : J856-SD-CW-8518 | REV. : B

特銘鑫有限公司 MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

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

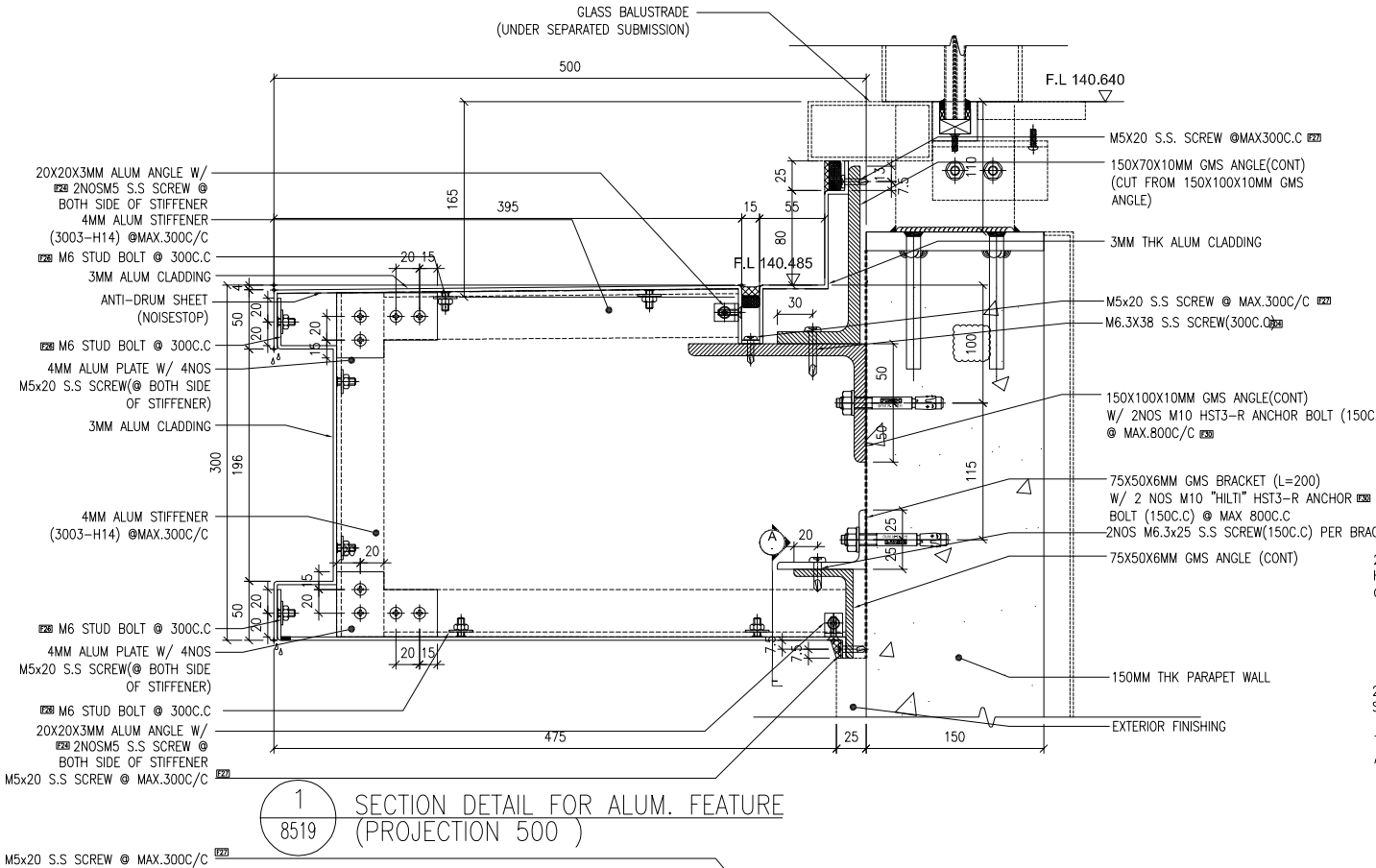
ARCHITECT : lwk&partners architects

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

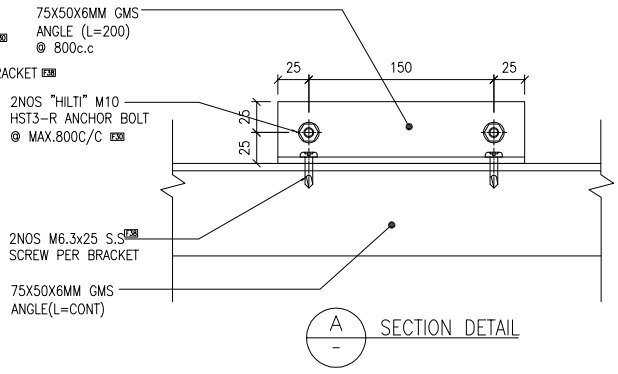
STRUCTURAL ENGINEER : ARUP

FACADE CONSULTANT : ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

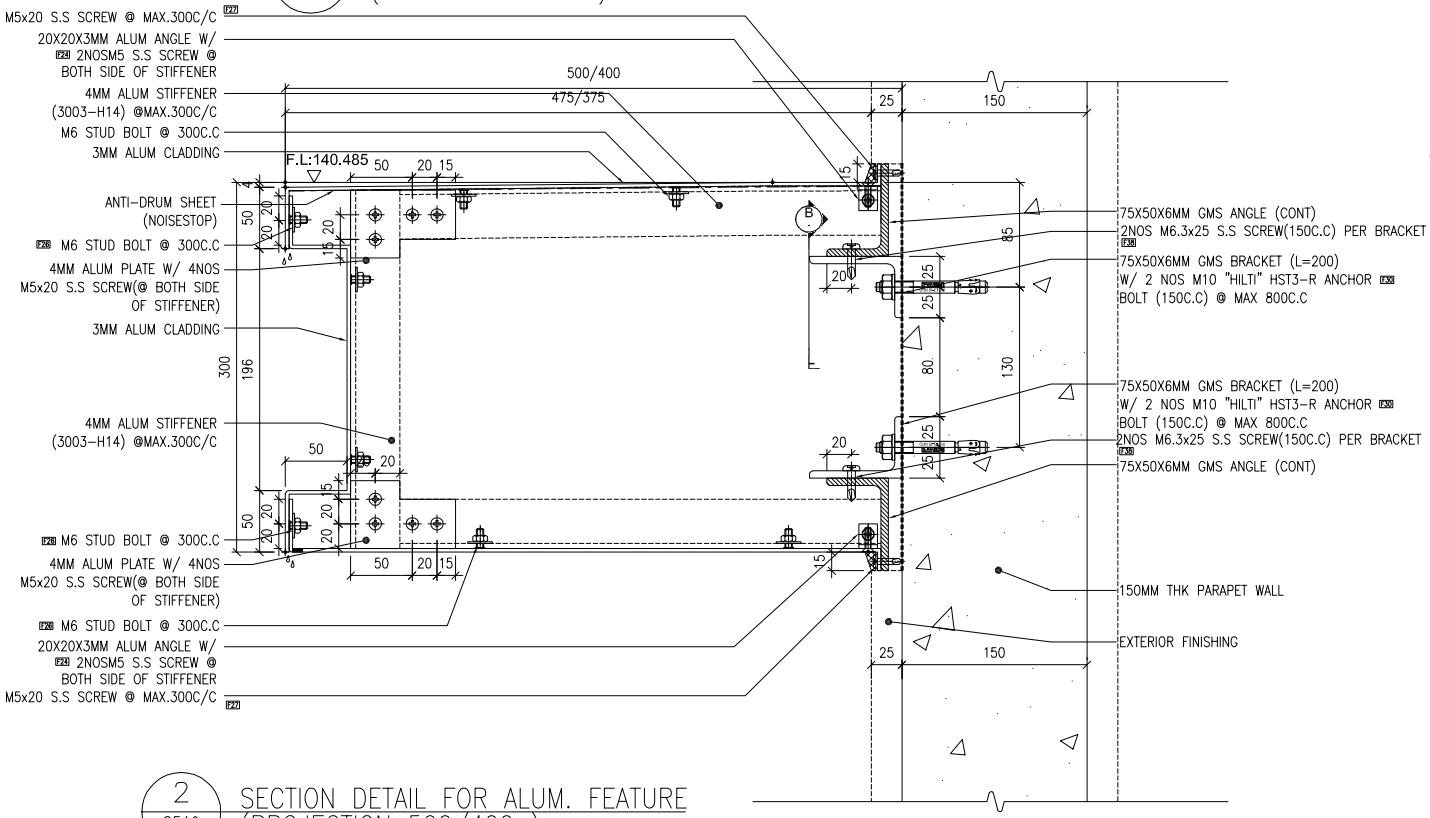
B.D. REF :

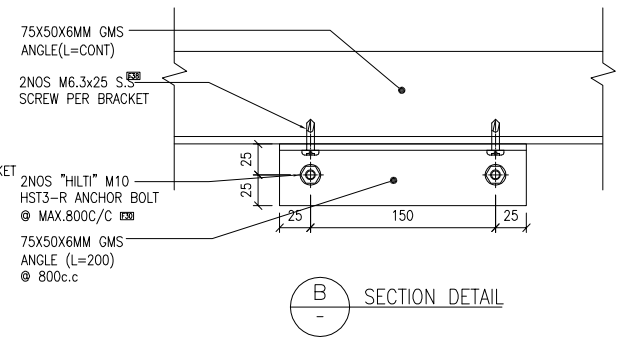


1 / 8519 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 500)



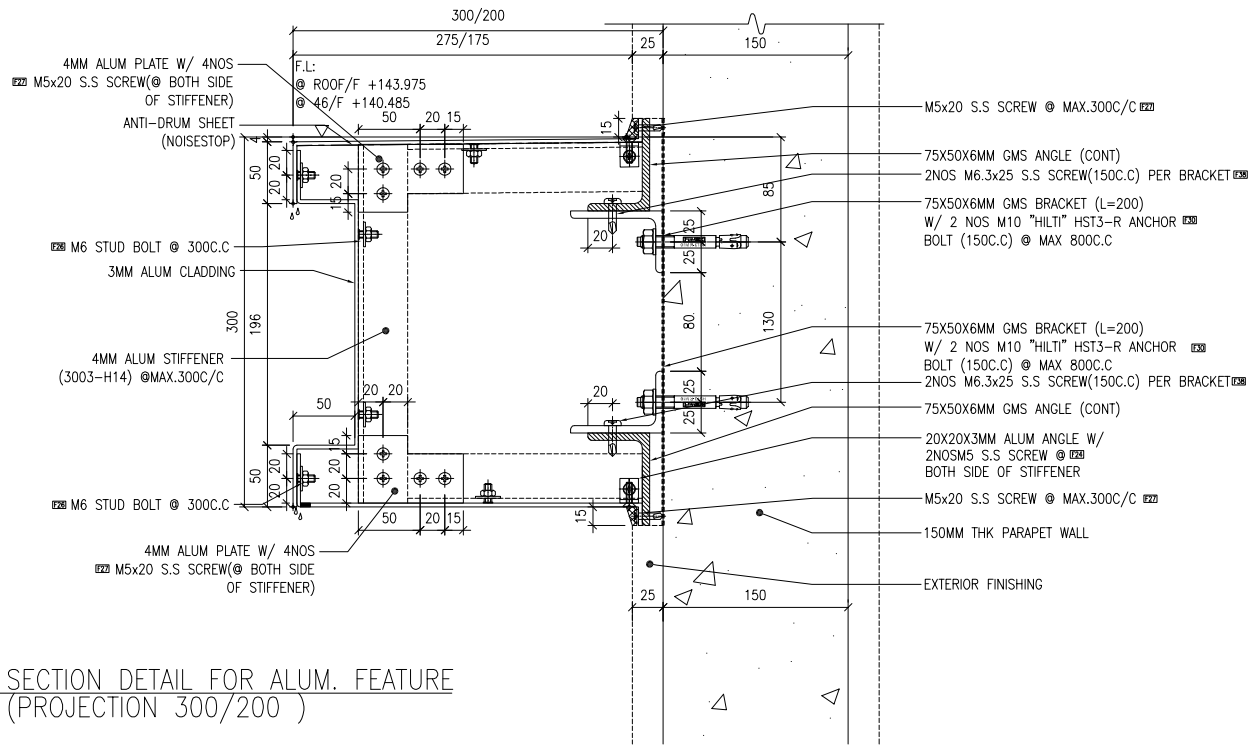
A / - SECTION DETAIL





B / - SECTION DETAIL

2 / 8519 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 500/400)



3 / 8519 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 300/200)

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

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

NO.	DATE	REVISED	BY
B	30-OCT-2023	9TH SUBMISSION	CF
A	29-SEP-2023	8TH SUBMISSION	CF
-	22-AUG-2023	7TH SUBMISSION (NEW DRAWING)	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 :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:7

DRAWN BY : C.F | CHECKED BY :

DWG NO. : J856-SD-CW-8519 | REV. : A

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

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

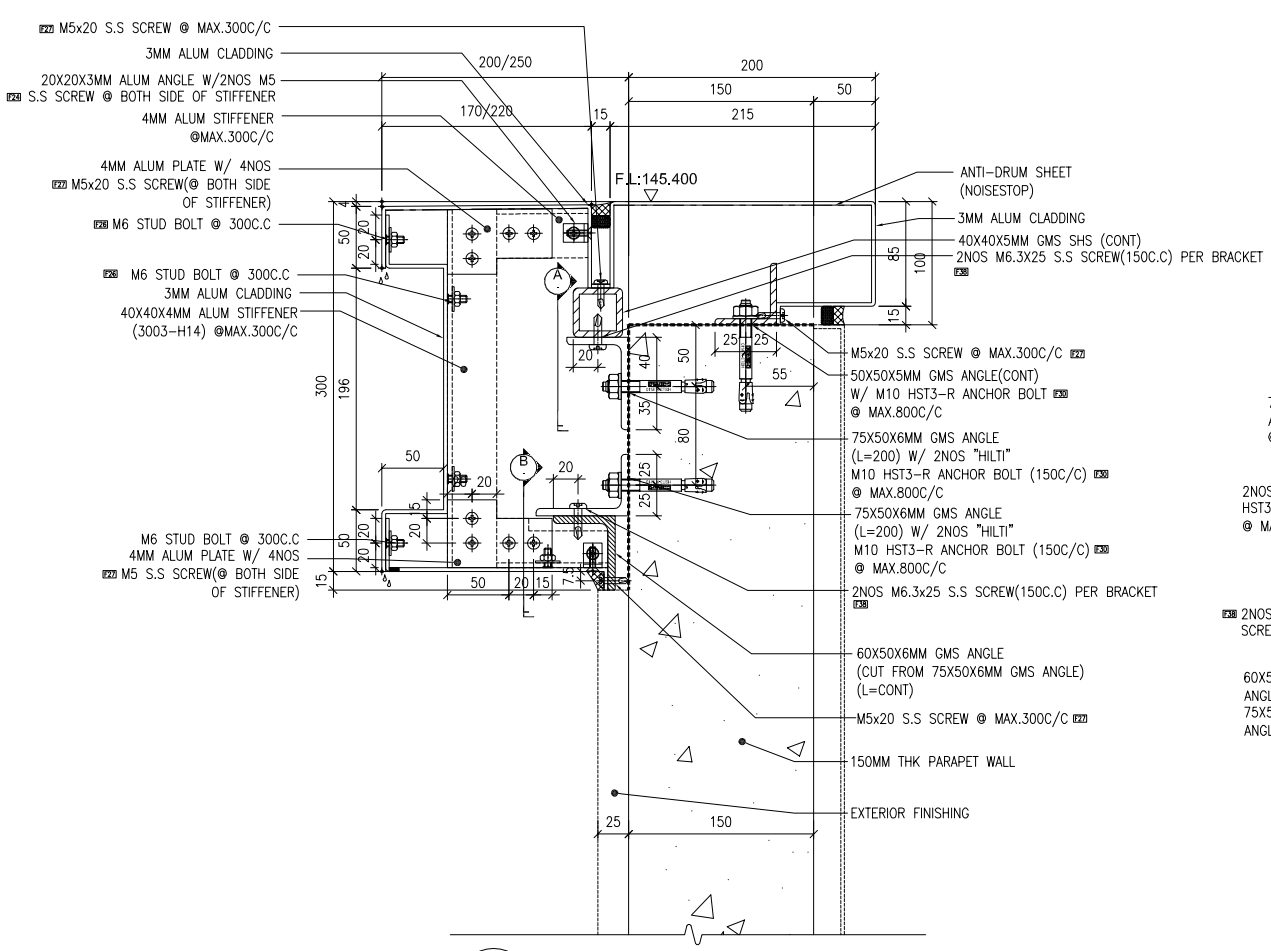
STRUCTURAL ENGINEER :
ARUP

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

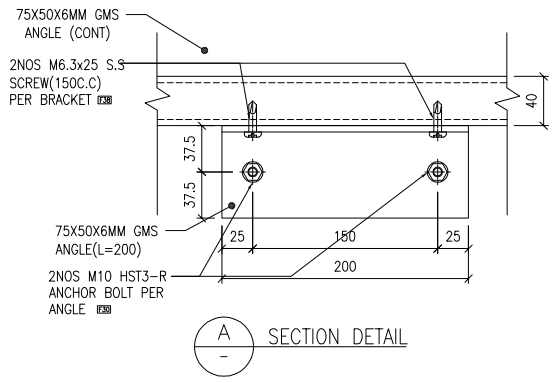
ARCHITECT :
lwk&partners
architects

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

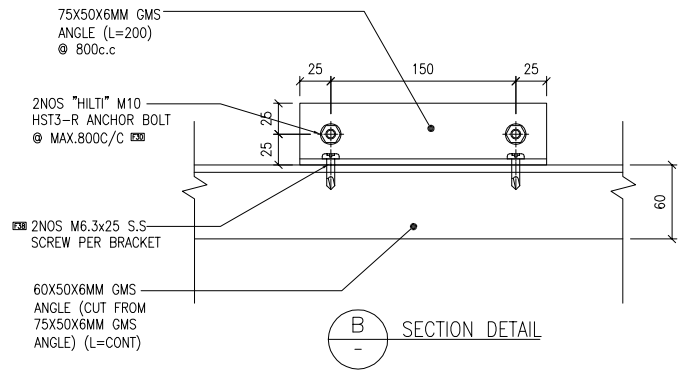
B.D. REF :



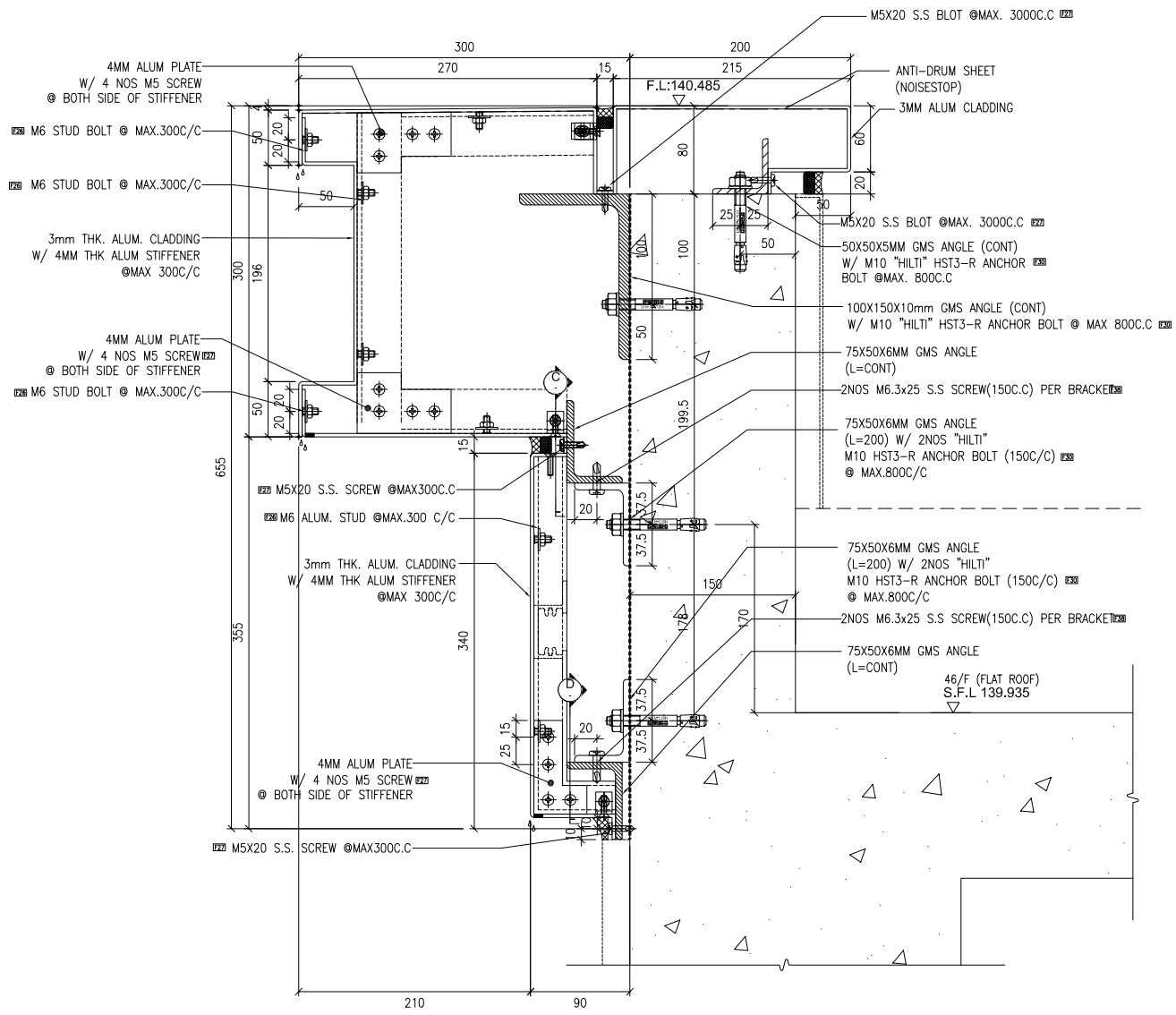
4 / 8520 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 200/250)



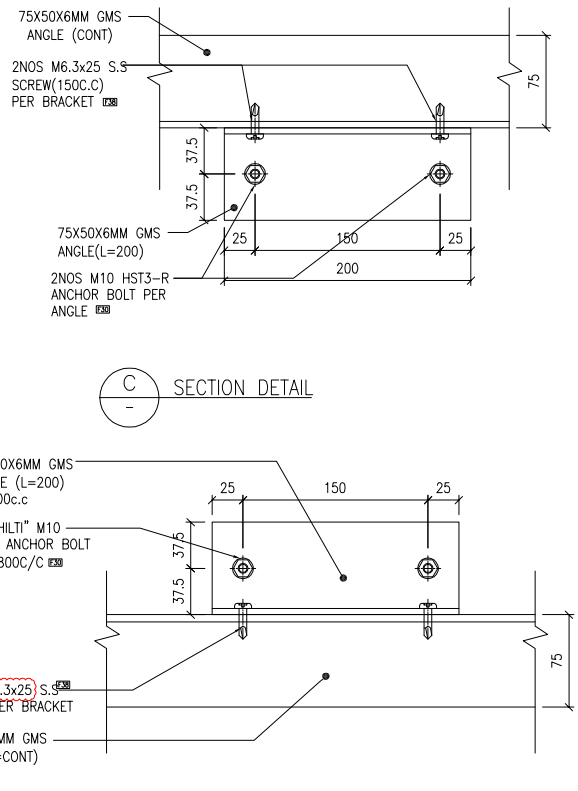
A / - SECTION DETAIL



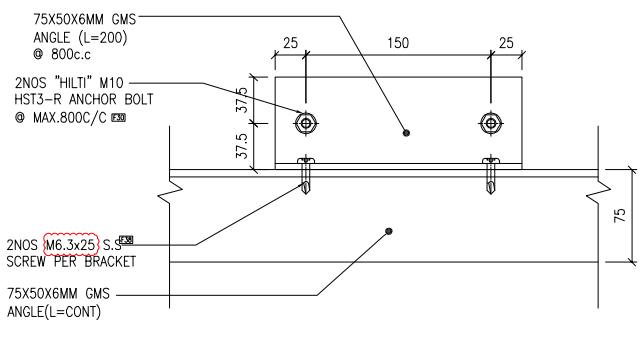
B / - SECTION DETAIL



2 / 8520 SECTION DETAIL FOR TOP CLADDING (PROJECTION 300)
FOR TOP OF 45/F



C / - SECTION DETAIL



D / - SECTION DETAIL

NOTE :
1. ALL DIMENSIONS ARE IN mm.
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3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

NO.	DATE		BY
A	29-SEP-2023	8TH SUBMISSION	
-	22-AUG-2023	7TH SUBMISSION (NEW DRAWING)	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 : TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:7

DRAWN BY : C.F | CHECKED BY :

美特鋁廠有限公司 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-CW-8520 | REV. : A

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

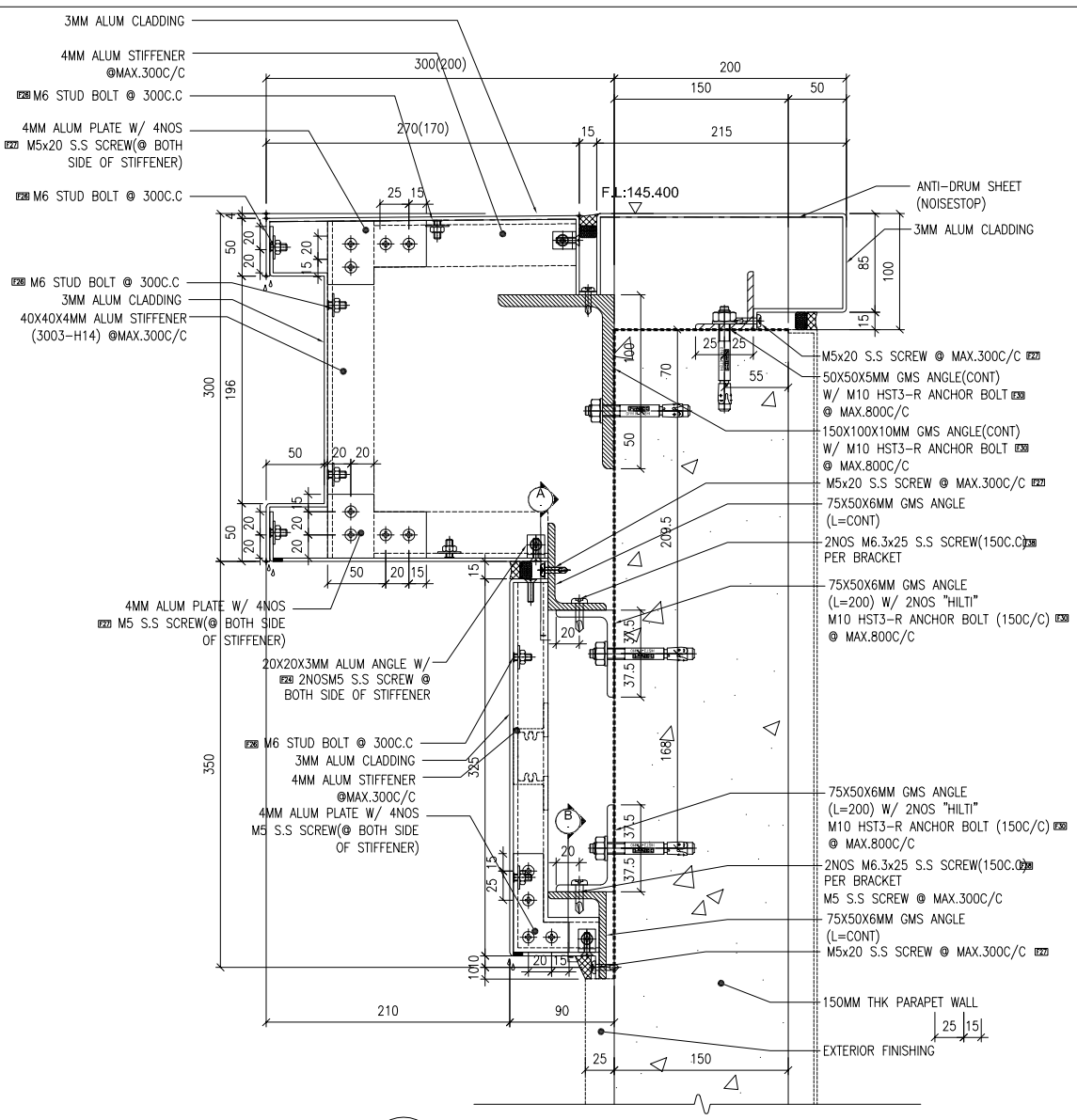
ARCHITECT : lwk&partners architects

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

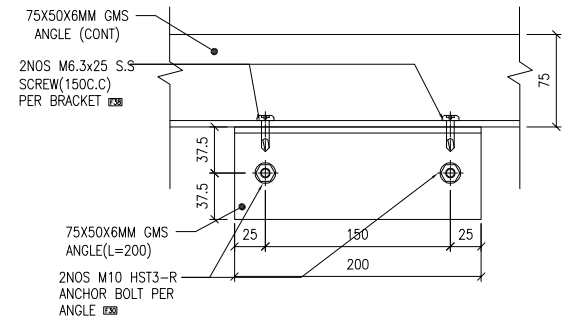
STRUCTURAL ENGINEER : ARUP

FACADE CONSULTANT: ALPHA CONSULTING LIMITED Steel Structure & Facade Specialist

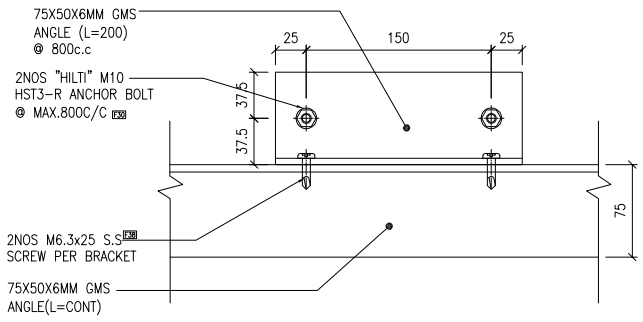
B.D. REF :



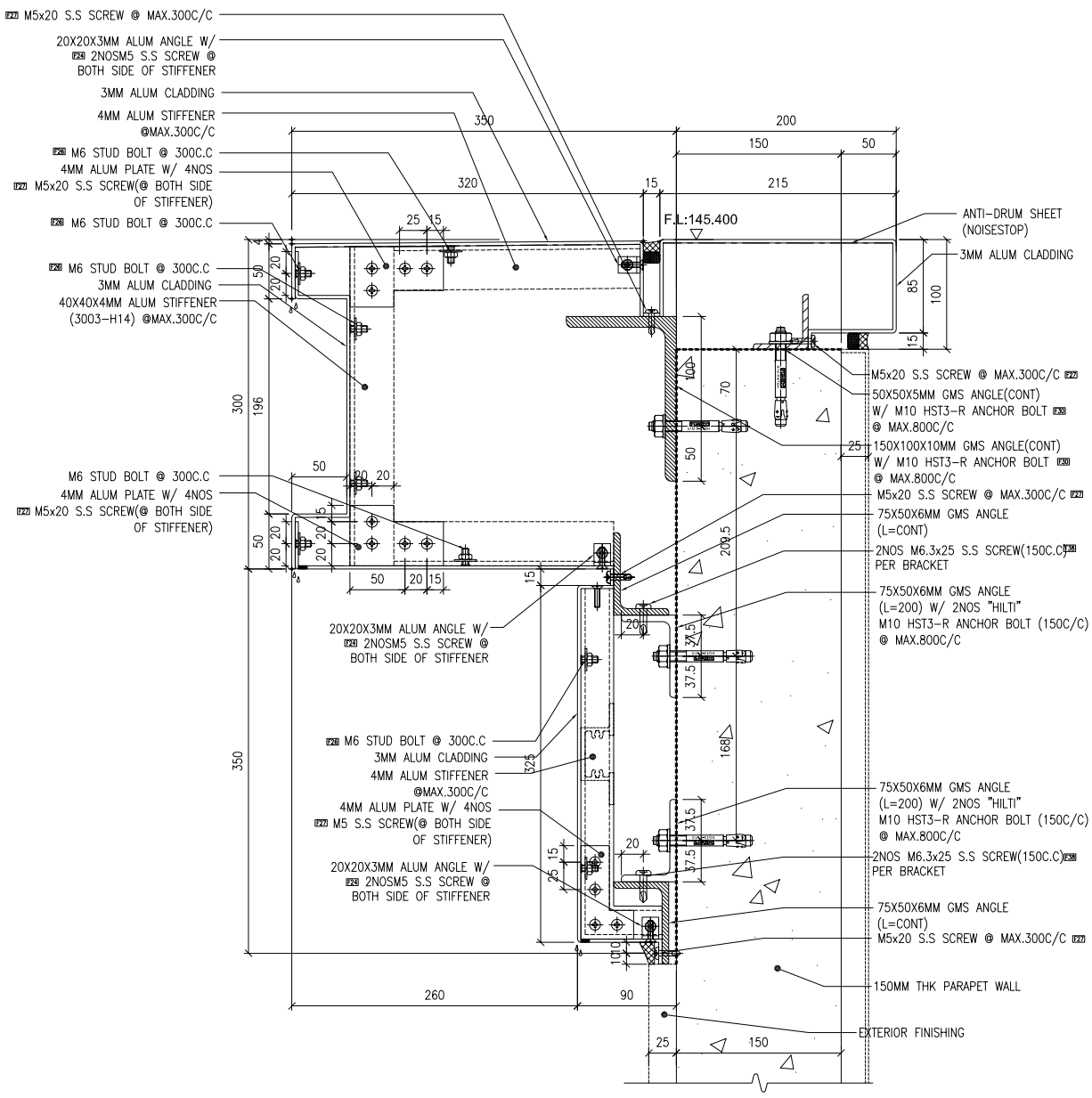
1 / 8521 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 300/200)



A / - SECTION DETAIL



B / - SECTION DETAIL



2 / 8521 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 350)

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

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

NO.	DATE	REVISED	BY
A	29-SEP-2023	8TH SUBMISSION	CF
-	22-AUG-2023	7TH SUBMISSION (NEW DRAWING)	CF

JOB NO. : J-856

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

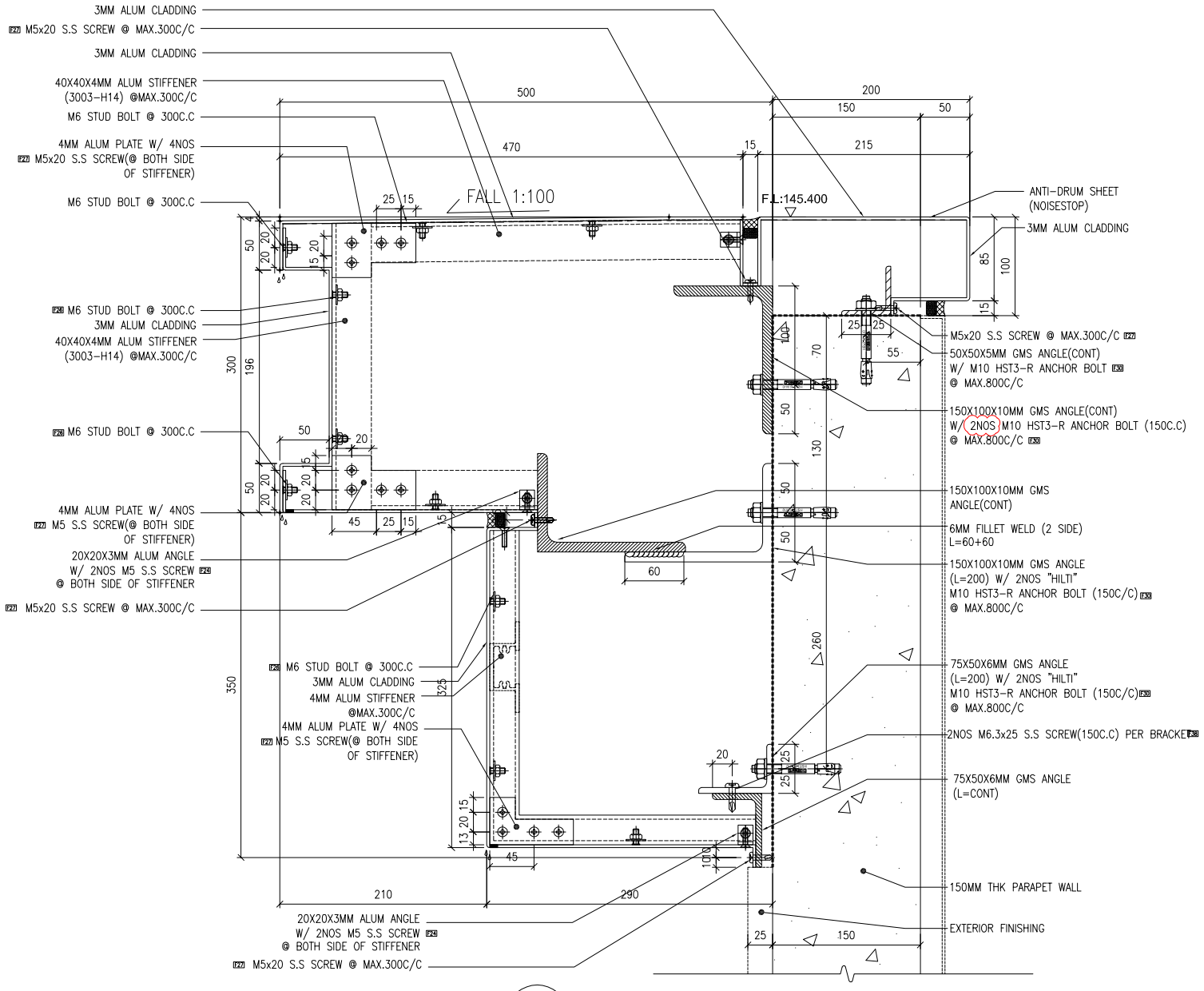
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:7

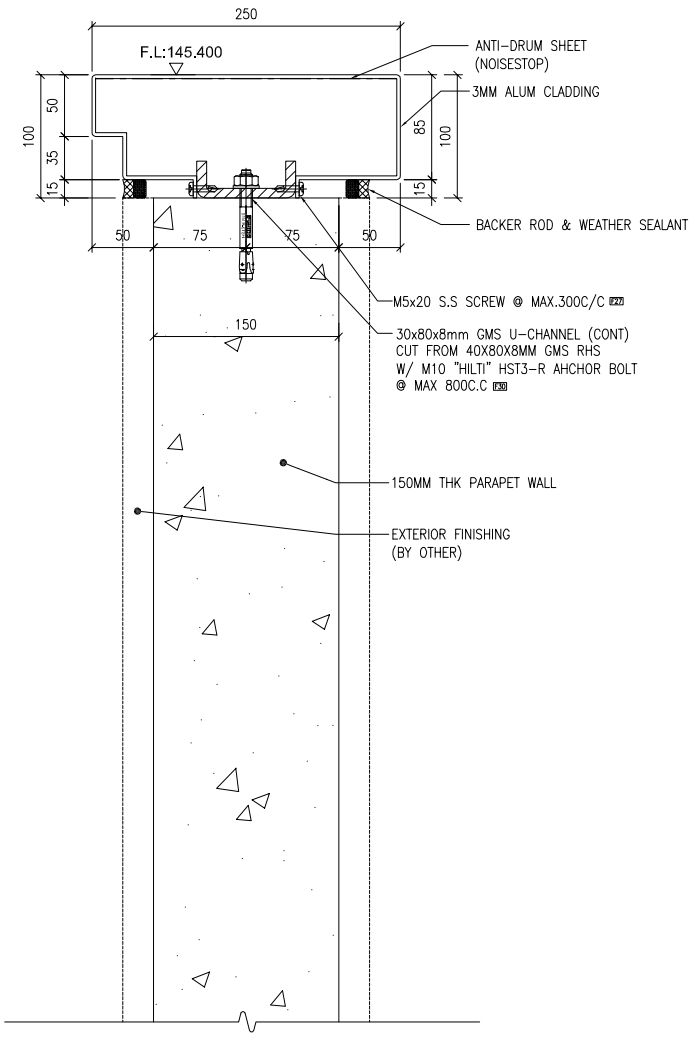
DRAWN BY : C.F | CHECKED BY :

特銘鋁業有限公司 MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

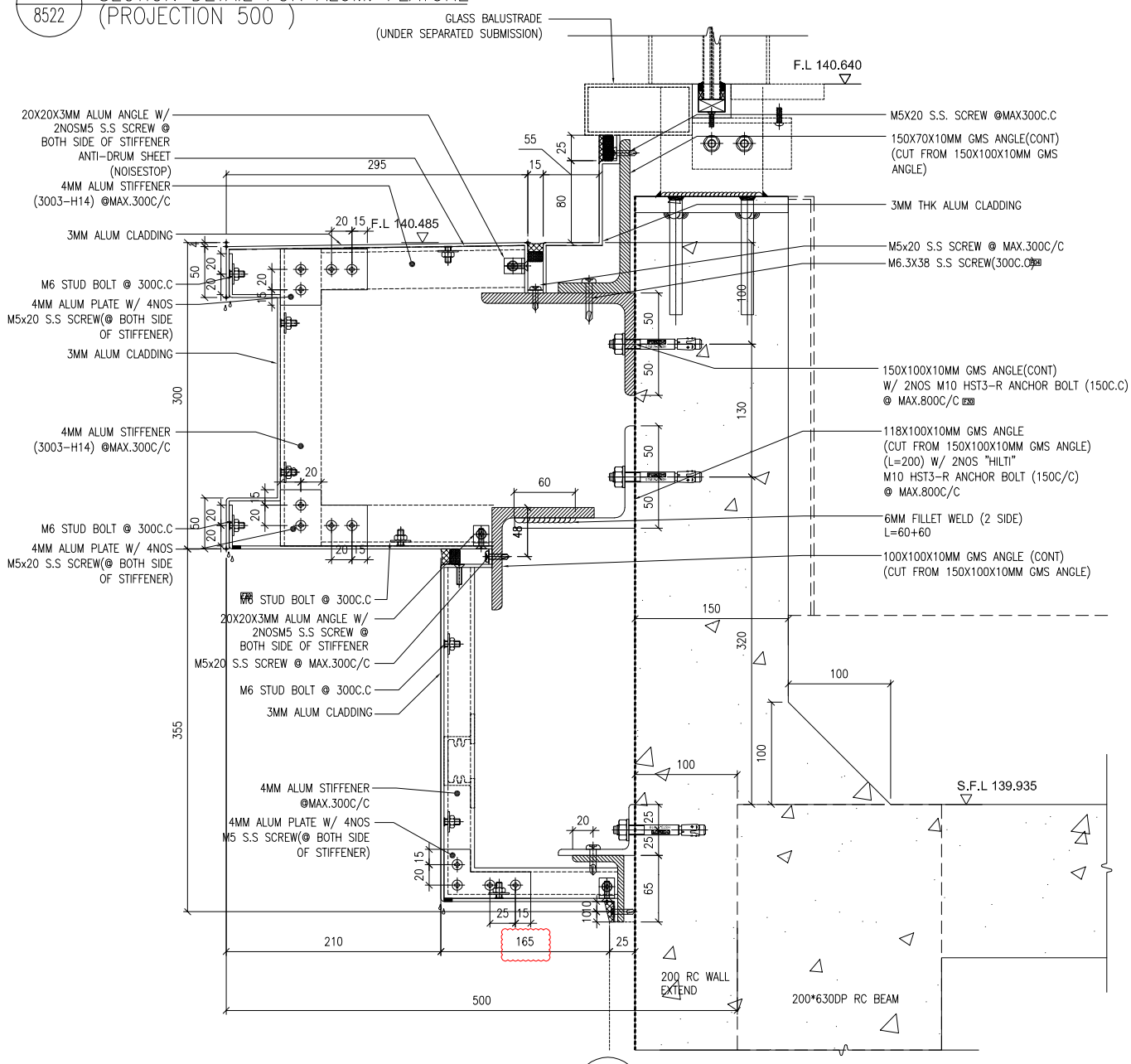
DWG NO. : J856-SD-GW-8521 | REV. : A



1 / 8522 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 500)



2 / 8522 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 50)



3 / 8522 SECTION DETAIL FOR ALUM. FEATURE (PROJECTION 500)

NOTE :
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2. S.F.L. -- STRUCTURAL FLOOR LEVEL
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NO.	DATE	REMARKS	BY
B	30-OCT-2023	9TH SUBMISSION	CF
A	29-SEP-2023	8TH SUBMISSION	CF
-	29-SEP-2023	8TH SUBMISSION (NEW DRAWING)	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 : TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:7

DRAWN BY : C.F | CHECKED BY :

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

DWG NO. : J856-SD-CW-8522 | REV. : B

B.D. REF :

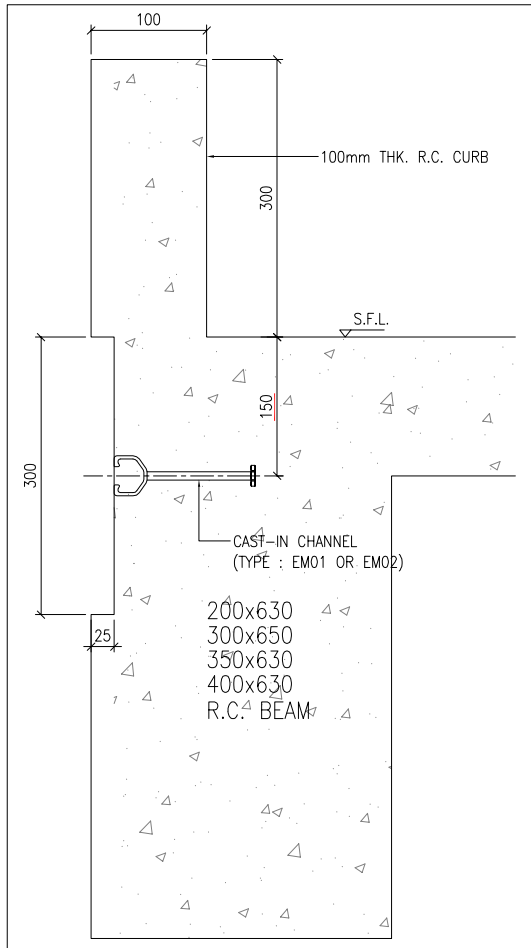
CLIENT : SUN HUNG KAI REAL ESTATE AGENCY LTD. 42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT : lwk&partners architects

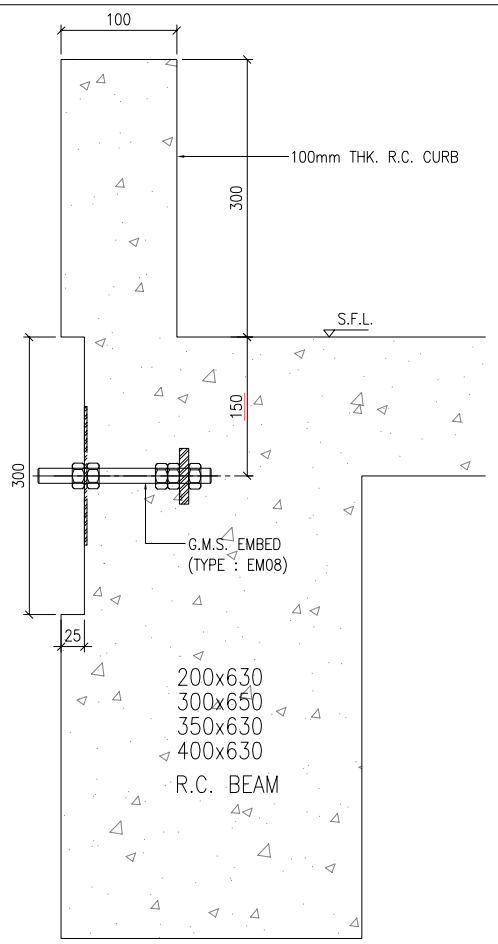
MAIN CONTRACTOR : 怡輝建築有限公司 Yee Fai Building Contractors Ltd.

STRUCTURAL ENGINEER : ARUP

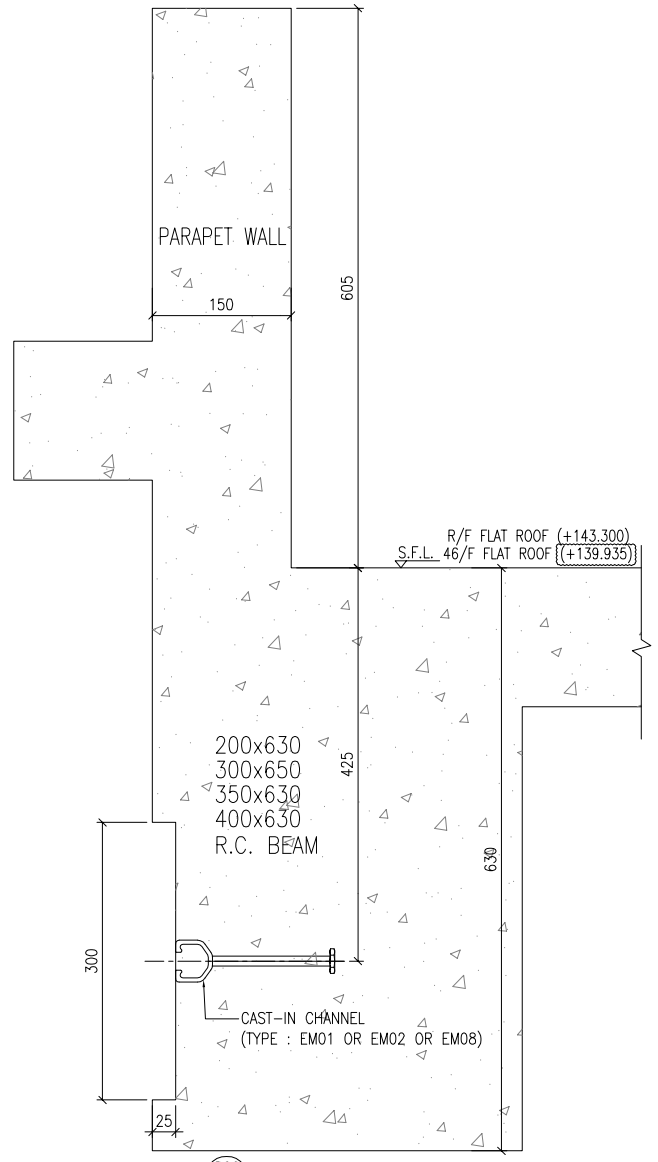
FACADE CONSULTANT : ALPHA CONSULTING LIMITED Steel Structure & Facade Specialist



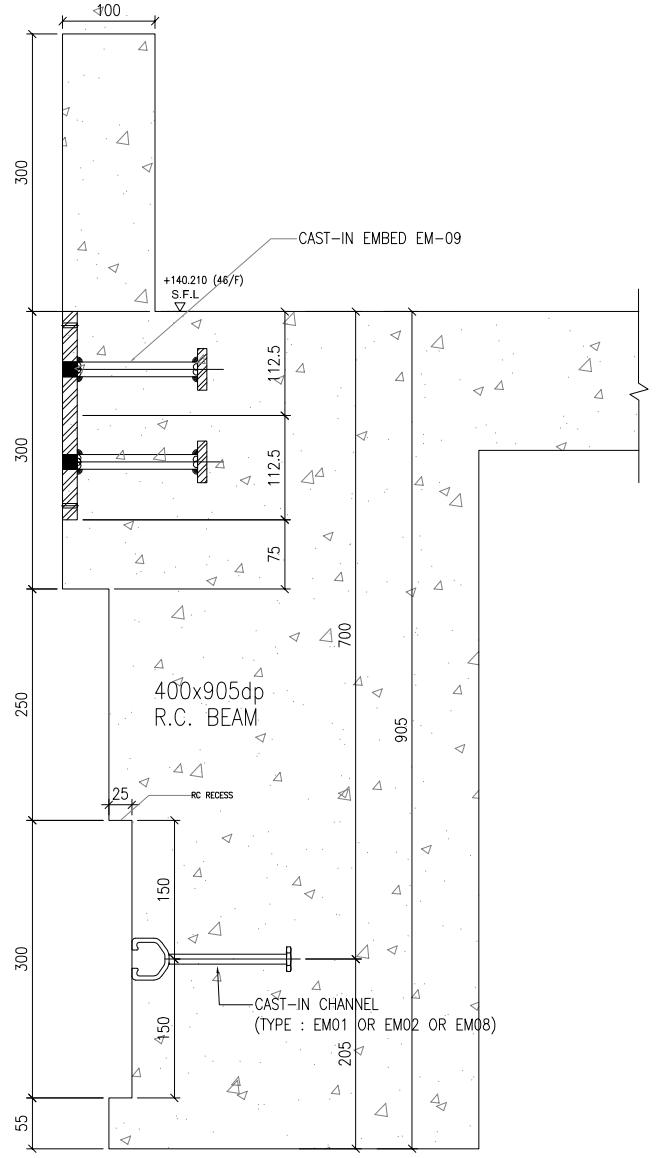
S01 EMBED INSTALLATION DETAIL



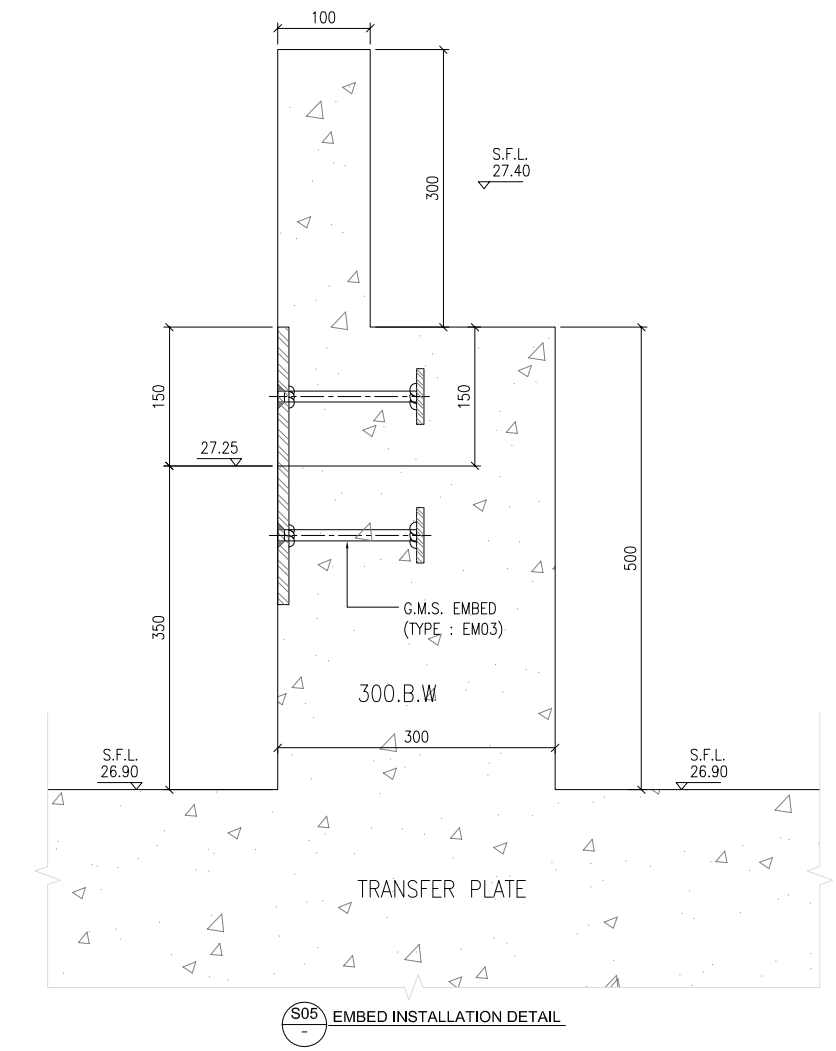
S02 EMBED INSTALLATION DETAIL



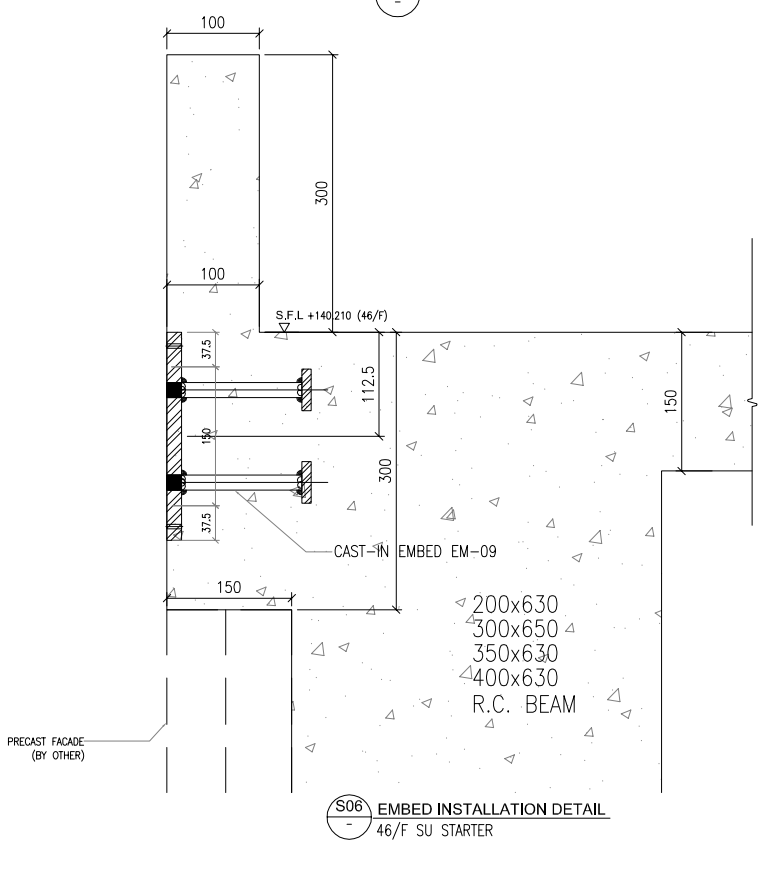
S03 EMBED INSTALLATION DETAIL



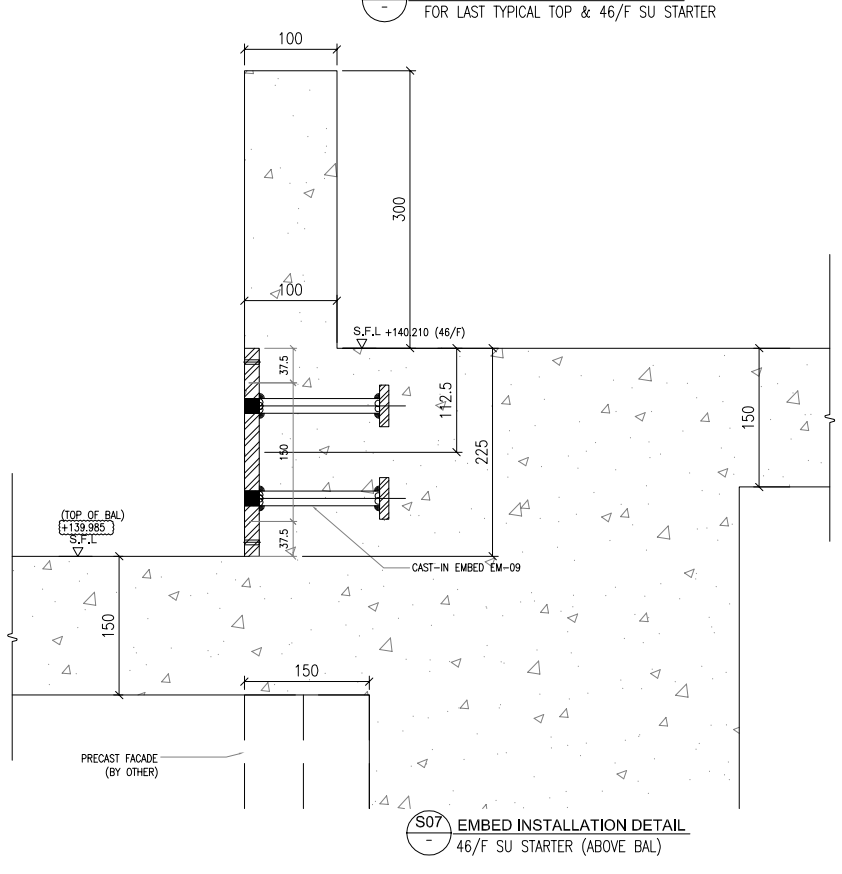
S08 EMBED INSTALLATION DETAIL
FOR LAST TYPICAL TOP & 46/F SU STARTER



S05 EMBED INSTALLATION DETAIL



S06 EMBED INSTALLATION DETAIL
46/F SU STARTER



S07 EMBED INSTALLATION DETAIL
46/F SU STARTER (ABOVE BAL)

B.D. REF :

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

ARCHITECT :
lwk&partners architects

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

STRUCTURAL ENGINEER :
ARUP

FACADE CONSULTANT:
ALPHA CONSULTING LIMITED
Steel Structure & Facade Specialist

NOTE :
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LEGEND :
X1 / X001 — DETAIL MARK NO. / REFER SHEET NO.
1. F.F.L. -- FINISHED FLOOR LEVEL
2. S.F.L. -- STRUCTURAL FLOOR LEVEL
3. /R -- REVERSED DETAIL

NO.	DATE	REVISED	BY
B	21-FEB-2023	4TH SUBMISSION	CF
A	30-DEC-2022	2ND SUBMISSION	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 :
TYPICAL EMBED SECTION SETTING OUT

DATE : 31-OCT-22 | SCALE : 1:10

DRAWN BY : C.F | CHECKED BY :

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DWG NO. : J856-SD-CW-9001 | REV. : B