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-6391	修改版本:	-
	HK- 1419		
工程編號:	J 856	工程名稱:	TSWTL23 天榮
收件人:	生統/林仁安	發件人:	Thomas Wong
工程項目:	T1-T3 CW拆圖 (6th SD Drawing)	日期:	26/06/2023

☑ 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:
請按建築師提供的意見更改加工圖以及拆圖 (包括電子檔)

完成上列要求日期: 03/07/2023

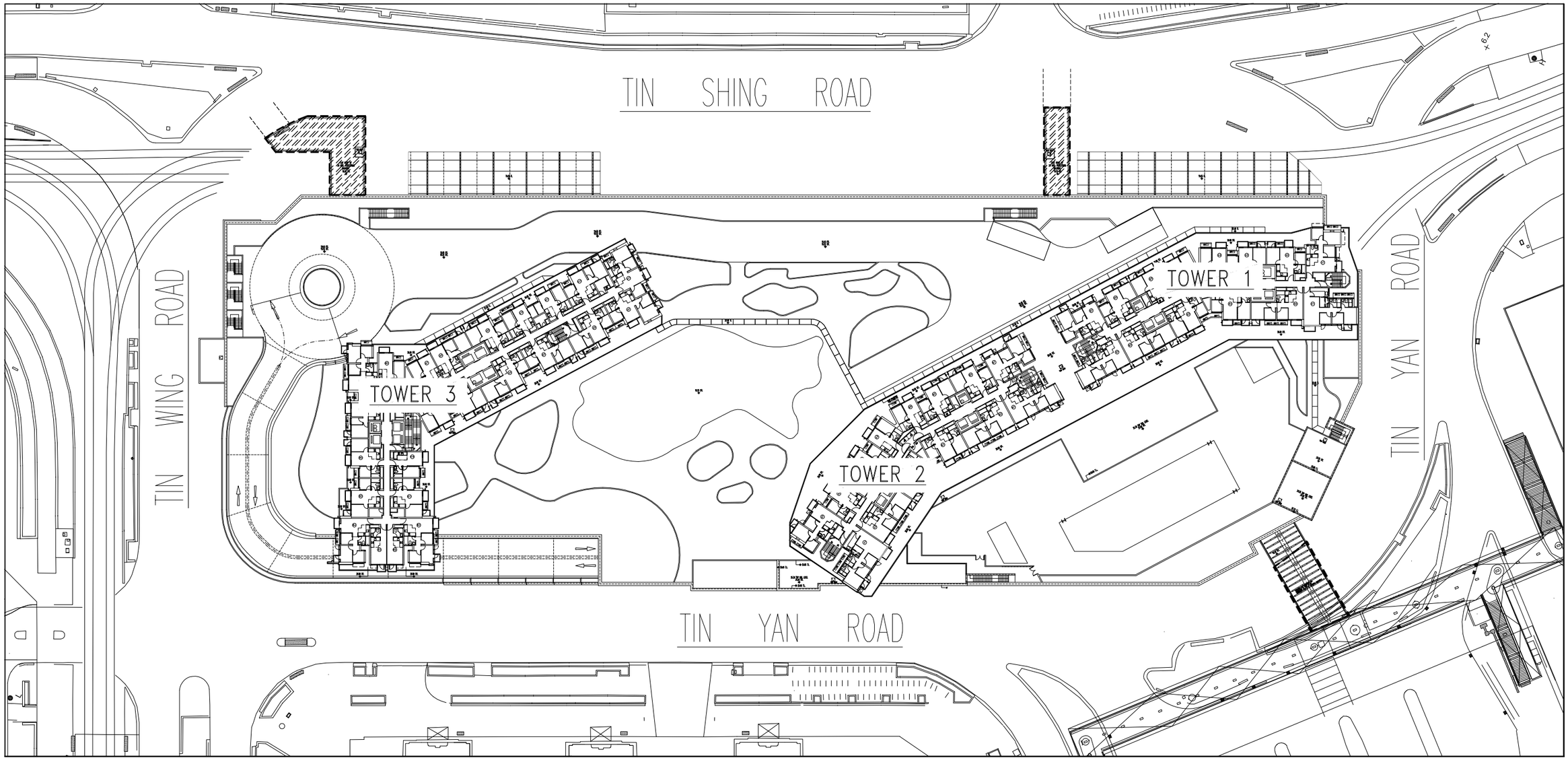
國內

☐ 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: 林仁安			

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： 肆	*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.

6

TITLE : CURTAIN WALL
6TH SD DRAWING (FULL)

DATE: 31-MAY-2023

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-0000 | REV. : F

DRAWING SUBMISSION REGISTER

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

TITLE:
6TH SHOPDRAWING (FULL) FOR CURTAIN WALL

DATE OF ISSUE											
ISSUE	01	2r1	03	04	4r 2	05	06				
DAY	23	30	13	10	03	10	31				
MONTH	11	12	01	03	04	05	05				
YEAR	22	22	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
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SUBMISSION STATE (FOR ARCHITECT)

AP - APPROVED
AC - APPROVED SUB. TO CONDITION
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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)			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
COVER PAGE	J856-SD-CW-0000	-	A	B	C	D	E	F																		
DRAWING REGISTER	J856-SD-CW-0001	-	A	B	C	C	D	E																		
DRAWING REGISTER	J856-SD-CW-0002	-	A	B	C	C	D	E																		
DRAWING REGISTER	J856-SD-CW-0003				C	C	D	E																		
GENERAL NOTE FOR CURTAIN WALL	J856-SD-CW-1001	-	A	A	B	B	C	D																		
SECTION PROPERTIES	J856-SD-CW-1101		-	-	-	-	-	-																		
SECTION PROPERTIES	J856-SD-CW-1102		-	-	-	-	-	-																		
SECTION PROPERTIES	J856-SD-CW-1103	-	A	A	A	A	A	A																		
SECTION PROPERTIES	J856-SD-CW-1104	-	A	A	B	B	B	B																		
SECTION PROPERTIES	J856-SD-CW-1105		-	-	A	A	A	A																		
PART LIST	J856-SD-CW-1106					-	-	-																		
CAST-IN EMBED DETAIL FOR CURTAIN WALL	J856-SD-CW-2001	-	A	B	B	B	B	B																		
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (3/F)	J856-SD-CW-3001	-	A	A	B	B	B	B																		
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 2 (3/F)	J856-SD-CW-3002	-	-	-	-	-	-	-																		
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 (3/F)	J856-SD-CW-3003	-	A	B	B	B	B	B																		
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (TYP)	J856-SD-CW-3004	-	A	A	B	B	B	B																		
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 2 (TYP)	J856-SD-CW-3005		-	-	-	-	-	-																		
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 (TYP)	J856-SD-CW-3006	-	A	B	B	B	B	B																		
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (46/F)	J856-SD-CW-3007		-	-	-	-	-	-																		
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 2 (46/F)	J856-SD-CW-3008		-	-	-	-	-	-																		
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 (46/F)	J856-SD-CW-3009	-	A	B	B	B	B	B																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)	J856-SD-CW-4001	-	A	B	C	C	D	D																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)	J856-SD-CW-4002	-	A	B	C	C	D	D																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)	J856-SD-CW-4002A		-	-	A	A	B	B																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 (TYPICAL)	J856-SD-CW-4003	-	A	B	C	C	D	D																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 (TYPICAL)	J856-SD-CW-4004	-	A	B	C	C	D	D																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 (TYPICAL)	J856-SD-CW-4005	-	A	B	C	C	D	D																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 (TYPICAL)	J856-SD-CW-4006	-	A	B	C	C	D	D																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 SU (46/F)	J856-SD-CW-4007	-	A	A	B	B	B	B																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 SU (46/F)	J856-SD-CW-4008	-	A	A	B	B	B	B																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 SU (46/F)	J856-SD-CW-4009	-	A	A	B	B	B	B																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 SU (46/F)	J856-SD-CW-4010	-	A	A	B	B	B	B																		
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 SU (46/F)	J856-SD-CW-4011	-	A	A	B	B	B	B																		
PART PLAN FOR CURTAIN WALL @ TOWER 1 (TYPICAL)	J856-SD-CW-5001	-	A	B	C	C	D	D																		
PART PLAN FOR CURTAIN WALL @ TOWER 2 (TYPICAL)	J856-SD-CW-5002	-	A	B	C	C	D	D																		
PART PLAN FOR CURTAIN WALL @ TOWER 3 (TYPICAL)	J856-SD-CW-5003	-	A	B	C	C	D	D																		
PART PLAN FOR CURTAIN WALL @ TOWER 1 SU (46/F)	J856-SD-CW-5004				-	-	-	-																		
PART PLAN FOR CURTAIN WALL @ TOWER 1 SU (46/F)	J856-SD-CW-5005				-	-	A	A																		
PART PLAN FOR CURTAIN WALL @ TOWER 2 SU (46/F)	J856-SD-CW-5006				-	-	-	-																		
PART PLAN FOR CURTAIN WALL @ TOWER 2 SU (46/F)	J856-SD-CW-5007				-	-	-	-																		
PART PLAN FOR CURTAIN WALL @ TOWER 3 SU (46/F)	J856-SD-CW-5008				-	-	-	-																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8001		-	-	A	A	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8002	-	A	A	B	B	C	D																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8002A			-	-	-	-	-																		

IN-HOUSE DESIGN CHECKER

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Tel:23489211-4 Fax:(852)27727666

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

DRAWING SUBMISSION REGISTER

PROJECT:
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.
TITLE:
6TH SHOPDRAWING (FULL) FOR CURTAIN WALL

DATE OF ISSUE											
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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-8003		-	-	A	A	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8004	-	A	B	C	C	D	E																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8005	-	-	A	B	B	B	B																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8006	-	A	B	C	C	D	E																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8007	-	A	A	B	B	C	C																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8008	-	A	A	B	B	C	D																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8008A			-	A	A	B	B																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8009	-	A	A	B	B	C	C																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8010	-	A	A	B	B	C	D																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8011	-	A	A	B	B	C	C																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8012		-	-	A	A	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8013	-	A	A	B	B	B	B																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8014	-	A	A	B	B	B	B																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8015	-	A	A	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																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8018A				-	-	-	-																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8019	-	A	A	B	B	B	B																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8019A				-	-	-	-																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8020	-	A	B	C	C	C	C																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8020A			-	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																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8022				-	-	A	B																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8023				-	-	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8024				-	-	A	B																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8025				-	-	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8026				-	-	-	-																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8027				-	-	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8028				-	-	A	B																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8029				-	-	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8030				-	-	A	B																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8031				-	-	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8032				-	-	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8033				-	-	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8034				-	-	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8035				-	-	A	B																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8036				-	-	A	A																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8037				-	-	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	J856-SD-CW-8501	-	A	A	B	B	C	D																		
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8501A	-	A	A	B	B	C	D																		

IN-HOUSE DESIGN CHECKER

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-0002 | REV. : E

DRAWING SUBMISSION REGISTER

PROJECT:
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.
TITLE:
6TH SHOPDRAWING (FULL) FOR CURTAIN WALL

DATE OF ISSUE											SUBMISSION STATE (FOR B.D / A.S.D)	SUBMISSION STATE (FOR CLIENT / CONSULTANT)	SUBMISSION STATE (FOR ARCHITECT)	FABRICATION / CONSTRUCTION STATE		
ISSUE	01	2r1	03	04	4r 2	05	06				AP - APPROVED AC - APPROVED SUB. TO CONDITION NA - NOT APPROVED	AP - APPROVED AC - APPROVED SUB. TO CONDITION NA - NOT APPROVED	AP - APPROVED AC - APPROVED SUB. TO CONDITION NA - NOT APPROVED	**ISSUE TO CHINA OFFICE**	**ISSUE TO SITE**	**ISSUE TO SUB-CONTRACTOR**
DAY	23	30	13	10	03	10	31									
MONTH	11	12	01	03	04	05	05									
YEAR	22	22	23	23	23	23	23									

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-8501B				-	-	A	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																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8503A				-	-	A	A																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8504	-	A	A	B	B	C	C																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8504A				-	-	A	A																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8505	-	A	A	B	B	C	C																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8505A	-	A	A	B	B	C	C																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8506	-	A	A	B	B	C	C																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8507	-	A	B	C	C	D	D																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8508	-	A	B	C	C	D	E																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8508A			-	A	A	B	C																	
CURTAIN WALL REMEIDAL CASE FOR STARTER EMBED	J856-SD-CW-8508B				-	-	A	B																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8509	-	A	A	B	B	C	D																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8510	-	A	A	B	B	C	D																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8510A	-	A	A	B	B	C	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																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8512		-	-	-	A	B	C																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8513		-	-	-	-	A	A																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8514				-	-	A	A																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8515					-	-	A																	
TYPICAL DETAIL FOR CURTAIN WALL	J856-SD-CW-8516					-	-	A																	
TYPICAL EMBED SECTION SETTING OUT	J856-SD-CW-9001	-	A	A	B	B	B	B																	

IN-HOUSE DESIGN CHECKER

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

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 1 - 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 EDGE OF ROOF)
   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 J0) & BS EN 10210-1:2006 (FOR J0H).
   b) SURFACE TREATMENT SHALL BE HOT-DIP GALVANIZED COMPLIED WITH BS EN ISO 1461:2009. (MIN. THICKNESS = 85 MICRONS)
      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

5. GLASS :
   a) GLASS USED TO BE :
      (G1) IGU GLASS (8mm THICK HEAT STRENGTHENED GLASS + 12mm THICK AIR + 10mm THICK TEMPERED GLASS)
      (G1a) IGU GLASS (8mm THICK HEAT STRENGTHENED GLASS + 12mm THICK AIR + 12mm THICK TEMPERED GLASS)
      (G3) 10mm THICK HEAT STRENGTHENED GLASS
      (G4) 12mm THICK HEAT STRENGTHENED GLASS
      (G5) 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 GRADE E35 COMPLIED WITH BS EN ISO 2560:2009.
   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.

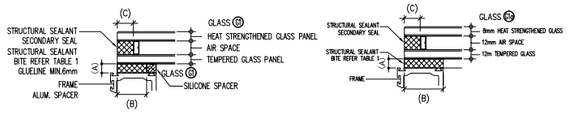


TABLE 1 (FOR VISION GLASS (G1) & (G1a))

GLASS TYPE	SHORT SIDE, S	SEALANT THICKNESS (A)	SEALANT BITE (B)	SEALANT BITE (C)
(G1) (OPENABLE WINDOW)	S <= 1200mm	6mm	21mm (MIN)	15mm
(G1a) (FIX WINDOW)	S <= 1200mm	10mm	21mm (MIN)	15mm
(G3) (FIX WINDOW)	S <= 1970mm	10mm	33mm (MIN)	15mm
(G4) (FIX WINDOW)	S <= 2065mm	8mm	37mm (MIN: 33)	15mm

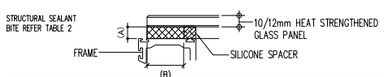


TABLE 2 (FOR GLASS CLADDING (G2) & FOR SPANDREL GLASS (G2))

GLASS TYPE	SHORT SIDE, S	SEALANT THICKNESS (A)	SEALANT BITE (B)
(G2) (GLASS CLADDING)	S <= 675mm	8mm	16mm (MIN)
(G2) (SPANDREL GLASS) TYPICAL CASE	S <= 1005mm	8mm	21mm (MIN)
(G2) (SPANDREL GLASS) CORNER CASE	S <= 1005mm	6mm	21mm (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/m³ ROCKWOOL FIBERTEX-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-01) FOR FIRE RATING OF 2HRS
   9.3) SMOKE SEAL: "MIDI ALUMINIUM FABRICATOR LTD" SMOKE SEAL, SHALL BE COMPLY WITH FIRE CODE CLAUSE C10.2

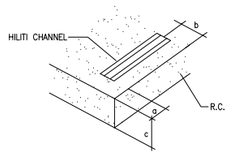
10. ANCHOR BOLT (FOR ALUM. CAPPING & GLASS CLADDING ONLY)
    a) ALL DRILL-IN ANCHOR BOLTS SHALL BE HILTI HST3-R AS SHOWN IN THE DRAWINGS. AND SHALL BE DESIGNED
    b) THE INSTALLATION OF DRILL-IN ANCHOR BOLTS SHALL BE STRICTLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION & RECOMMENDATION.
    c)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

    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 J0) & 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: 06/12/2018
    SUPERSTRUCTURE APPROVAL DATE: 11/07/2018

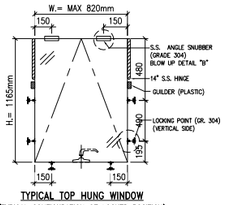
17. TOLERANCE OF FIXING BRACKET OF CURTAIN WALL SHALL BE ± 15mm [HORIZONTAL DIRECTION : (PARALLEL / PERPENDICULAR TO CURTAIN WALL & VERTICAL DIRECTION)]

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

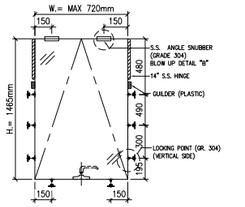
    YOUNG'S MODULUS 200,000 N/mm²
    DENSITY 79 KN/m³
    MIN. 0.2% PROOF STRENGTH 210 N/mm² (FOR GRADE 304)
    220 N/mm² (FOR GRADE 316)
    ULTIMATE TENSILE STRENGTH 520 N/mm²

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

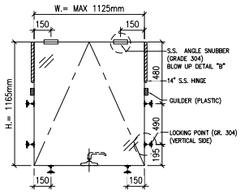
    GRADE 8.8
    SHEAR STRENGTH 375 N/mm²
    TENSILE STRENGTH 560 N/mm²
    BEARING STRENGTH 1000 N/mm²



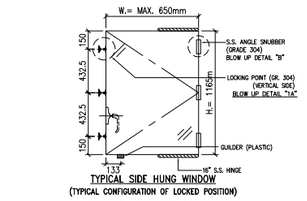
TYPICAL TOP HUNG WINDOW
(TYPICAL CONFIGURATION OF LOCKED POSITION)



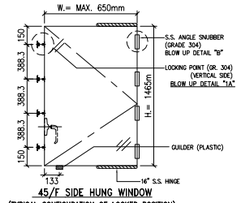
45/F TOP HUNG WINDOW
(TYPICAL CONFIGURATION OF LOCKED POSITION)



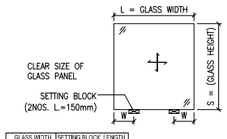
SU TOP HUNG WINDOW
(TYPICAL CONFIGURATION OF LOCKED POSITION)
ASSUMED ALLOWABLE LOCKING PIN CAPACITY=1.1KN
(F.O.S.=2.52 , PROOF LOAD TEST SHALL COMPLY WITH PNAP APP-37)



TYPICAL SIDE HUNG WINDOW
(TYPICAL CONFIGURATION OF LOCKED POSITION)
ASSUMED ALLOWABLE LOCKING PIN CAPACITY=1.35KN
(F.O.S.=2.52 , PROOF LOAD TEST SHALL COMPLY WITH PNAP APP-37)



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

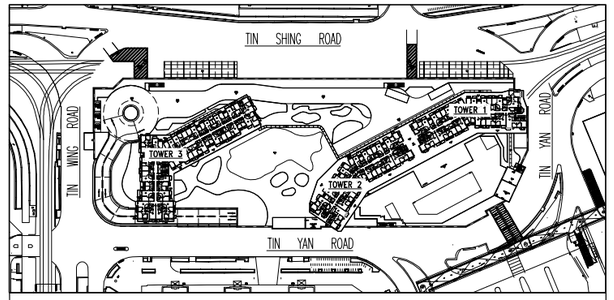


GLASS WIDTH	SETTING BLOCK LENGTH
W<=1000	L=100mm
1000<W<=1500	L=125mm
1500<W<=2200	L=150mm

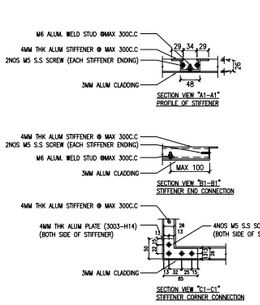
W=1/4 FOR SPAN <1800
W=1/8 FOR SPAN >1800

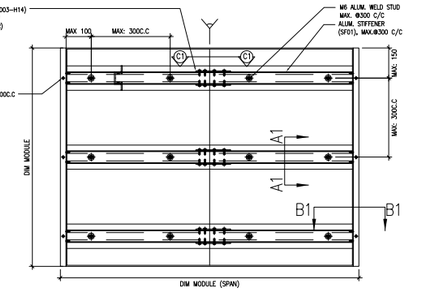
OPENABLE WINDOW HINGE(FOR INFORMATION)

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	HYLSI6 (PAIR)	83	65
650	1465	53.81541	8HS+12air+10T	SH	HYLSI6 (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



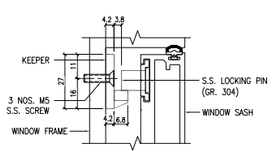
BLOCK PLAN



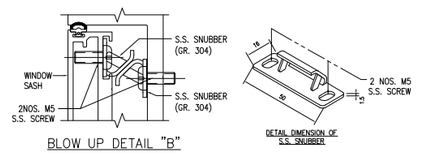


TYPICAL ELEVATION
FOR 3mm ALUM. CLADDING & STIFFENER
(APPLY FOR SPAN EXCEED 300MM)

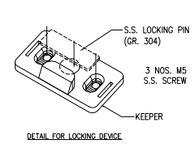
REMARK:
3mm ALUM. CLADDING SPAN EXCEED 300MM, WITH 4mm STIFFENER @ MAX.300C.C
FOR DRAWING 1/8035 : 3mm ALUM CLADDING WITH 4MM STFFENER @ MAX.200C.C



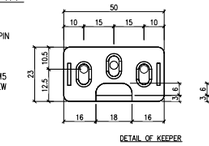
BLOW UP DETAIL "1A"



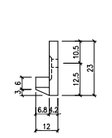
BLOW UP DETAIL "B"
DETAIL DIMENSION OF S.S. SNUBBER

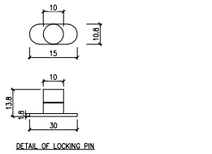


DETAIL FOR LOCKING DEVICE

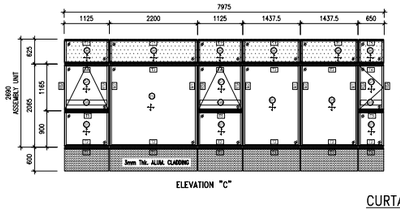


DETAIL OF KEEPER

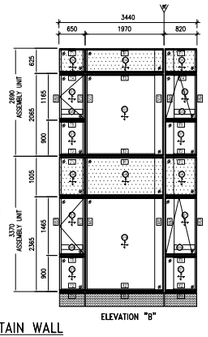




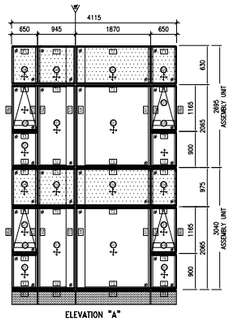
DETAIL OF LOCKING PIN



ELEVATION "C"



ELEVATION "B"



ELEVATION "A"

CURTAIN WALL
SAFETY TEST ELEVATION

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-MAY-2023	6TH SUBMISSION	CF
C	27-APR-2023	5TH SUBMISSION	CF
B	20-FEB-2023	4TH SUBMISSION	CF
A	28-DEC-2022	2ND SUBMISSION	CF

JOB NO. : J-856

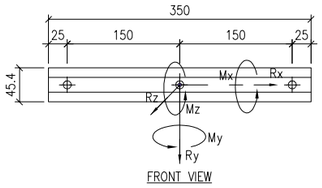
PROJECT :
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

TITLE :
GENERAL NOTE FOR CURTAIN WALL

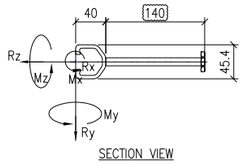
DATE : 31-OCT-21 | SCALE : NTS
DRAWN BY : C.F | CHECKED BY :

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

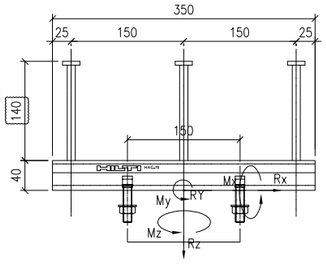
DWG NO. : J856-SD-CW-1001 | REV. : D



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

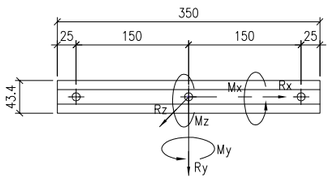
(END-BAY SIDE MOUNT ; FIXED WINDOW)

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

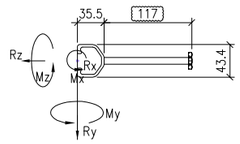
(END-BAY: SIDE MOUNT ;OPEN WINDOW)

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

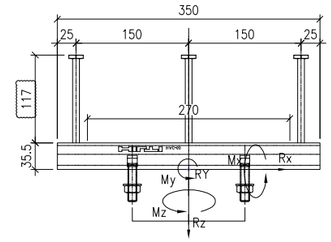
CAST-IN EMBED : EM01



FRONT VIEW



SECTION VIEW



PLAN VIEW

(HILTI HAC-60, L=350mm)

FOR TYPICAL CASE

MAX. UNFACTORED LOAD:

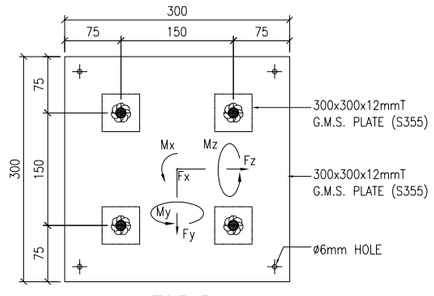
TYPE A	DL	WL	LL
Fx (kN)	0	0	0
Fy (kN)	2.018	0	1.344
Fz (kN)	0	±11.325	0
Mx (kNm)	0.241	±0.385	0.046
My (kNm)	0	0	0
Mz (kNm)	0	0	0

FOR END BAY CASE

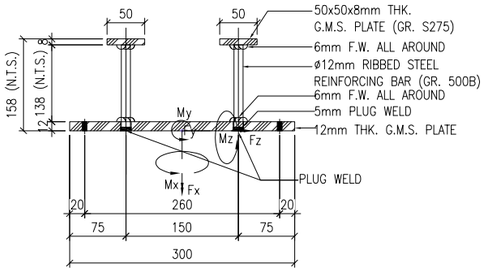
MAX. UNFACTORED LOAD:

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

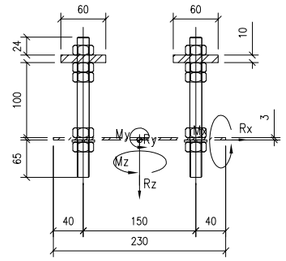
(FOR 3/F TYPICAL)

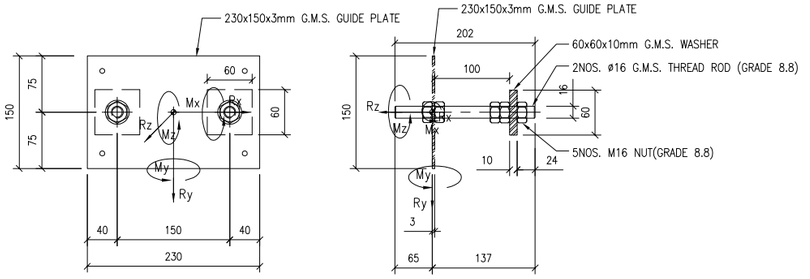
EM03 MAX. UN-FACTORED LOAD			
	DL	WL	LL
Fx (kN)	0	±7	±1.5
Fy (kN)	−1	0	0
Fz (kN)	0	0	0
Mx (kNm)	±0.1	0	0
My (kNm)	0	0	0
Mz (kNm)	0	±3.5	0.75

(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

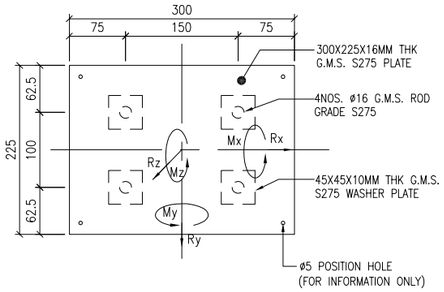


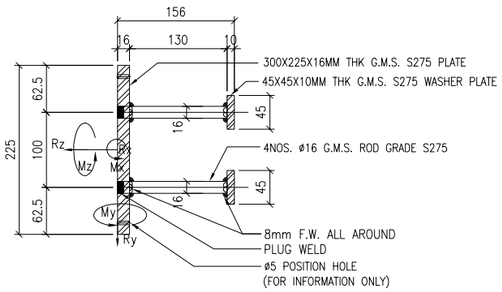


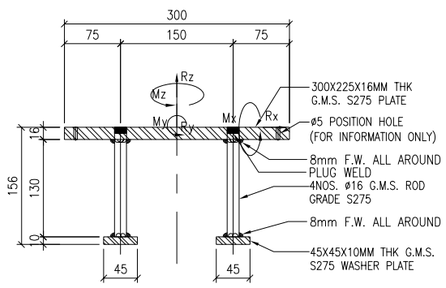
(FOR TYPICAL)

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 :

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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
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.

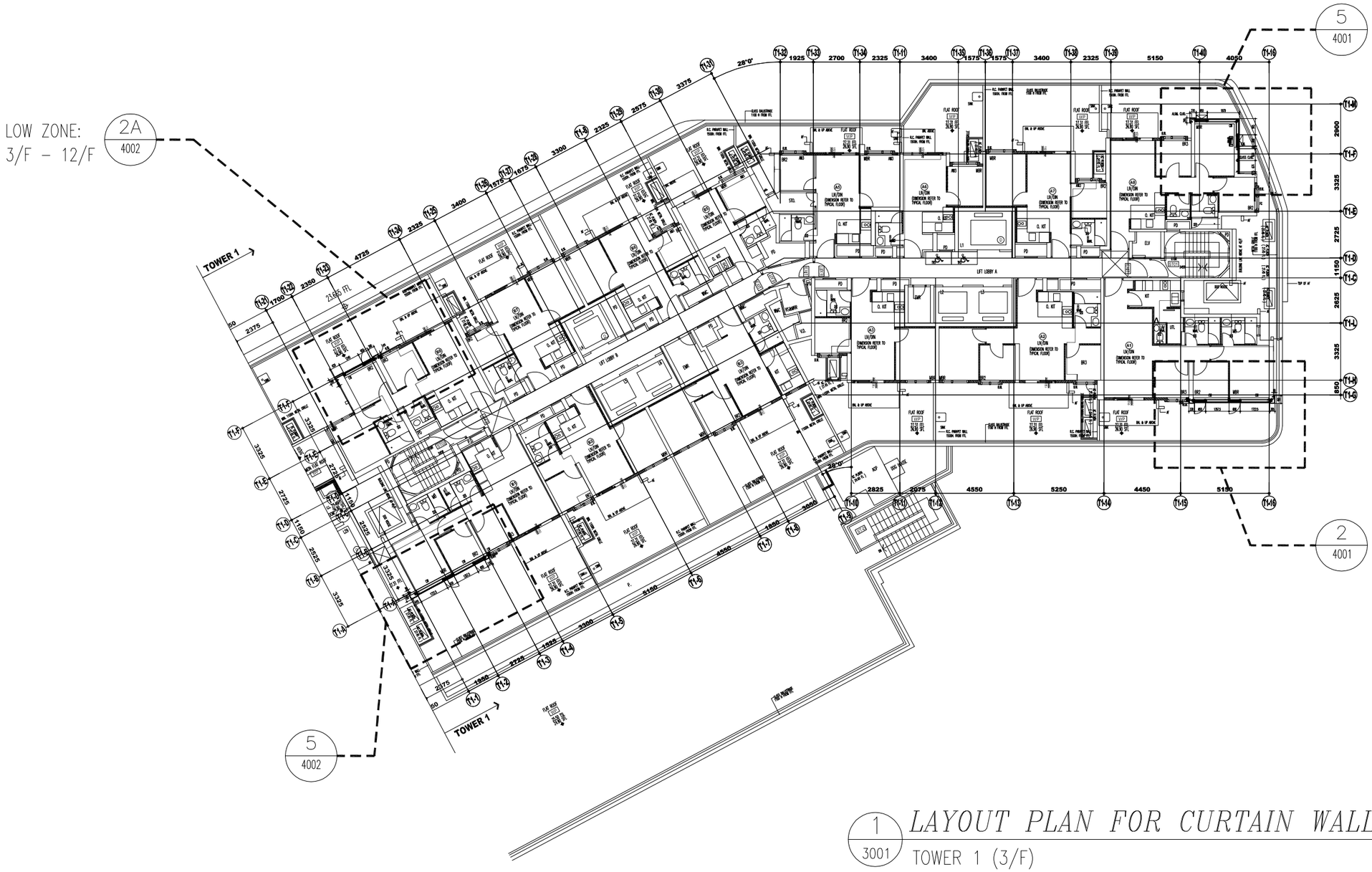
TITLE :
CAST-IN EMBED DETAIL FOR CURTAIN WALL

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 LAYOUT PLAN FOR CURTAIN WALL
3001

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

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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	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.

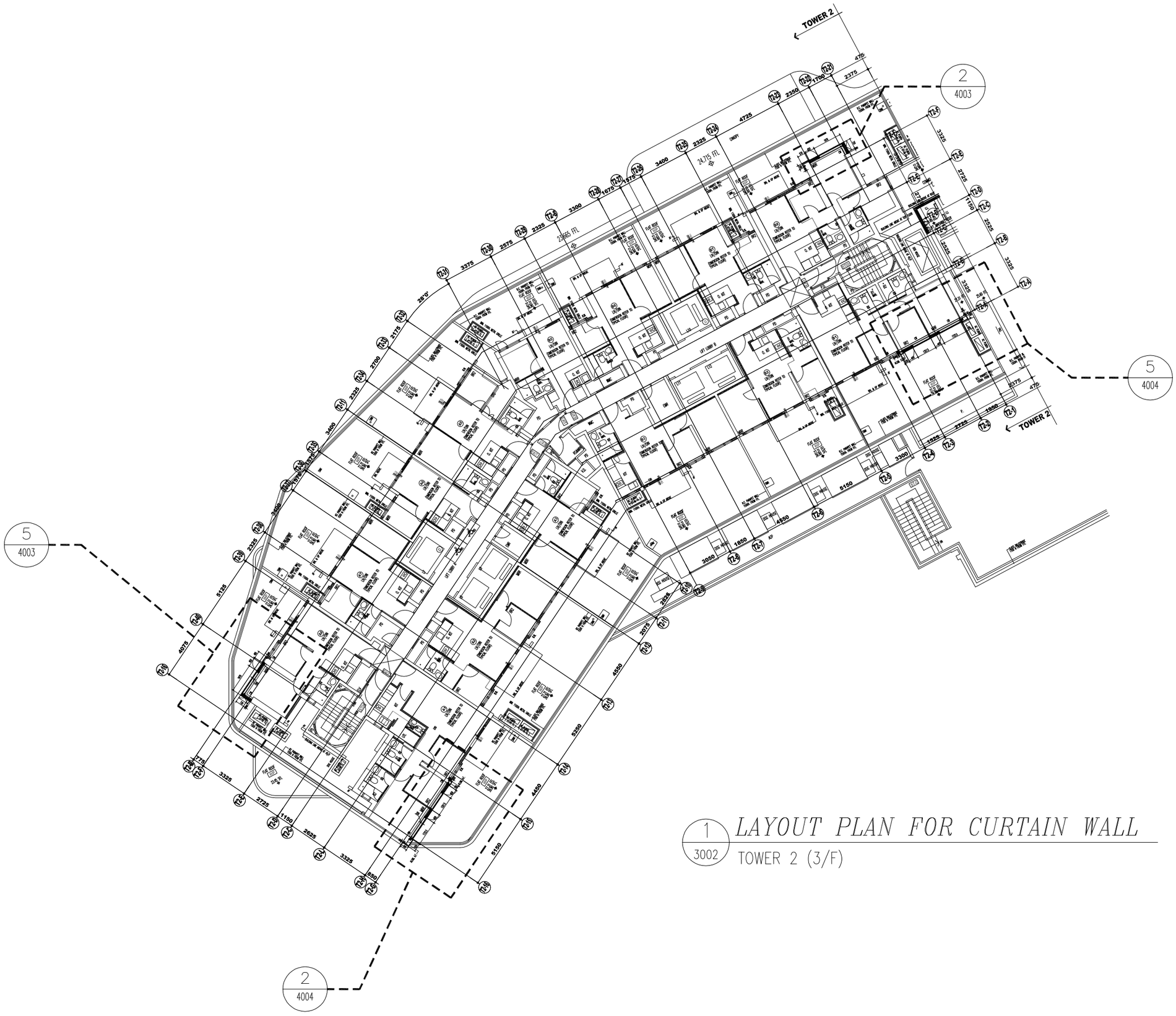
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (3/F)

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 :
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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

JOB NO. : J-856

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

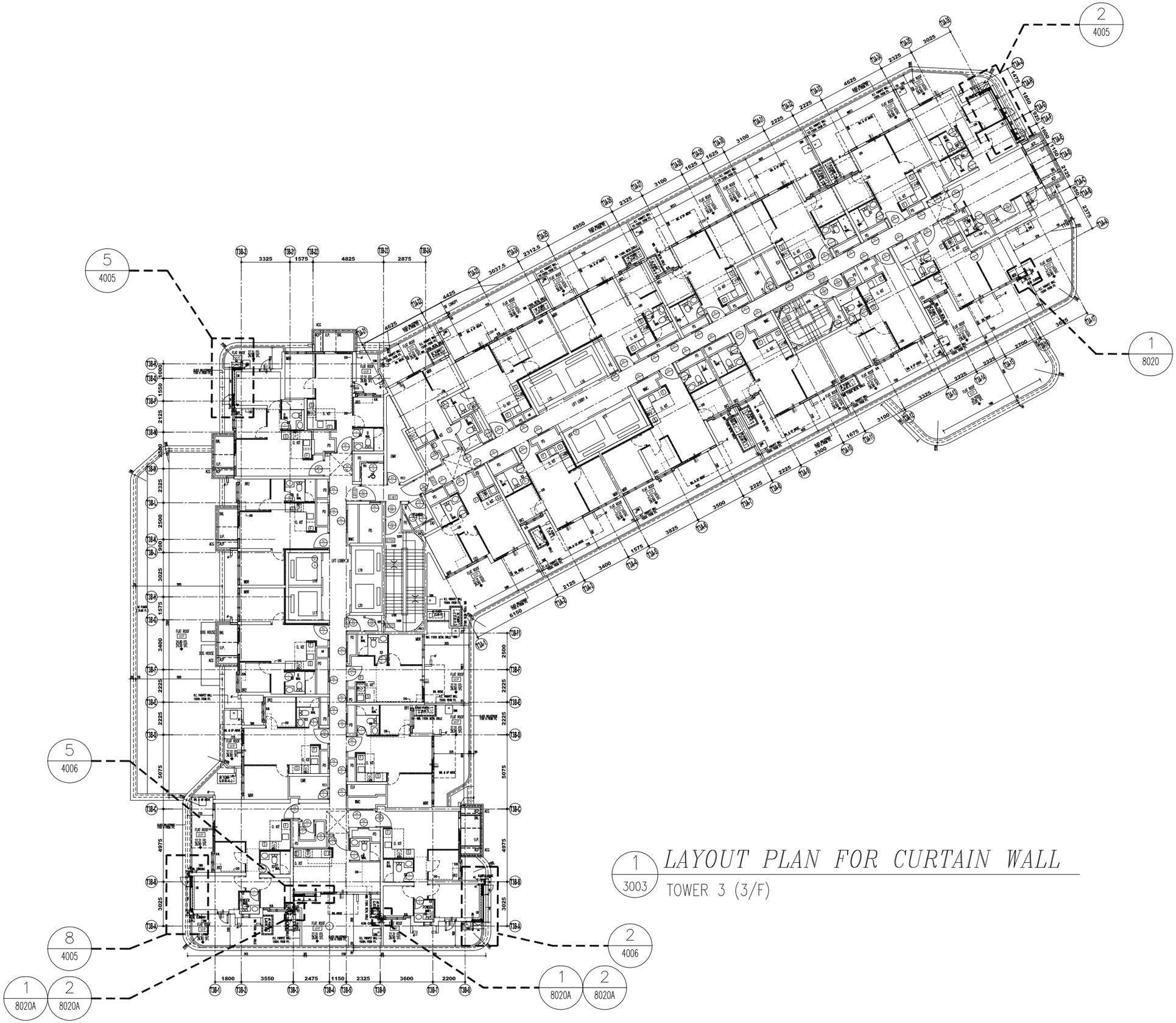
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 2 (3/F)

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. : -



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 :
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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	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

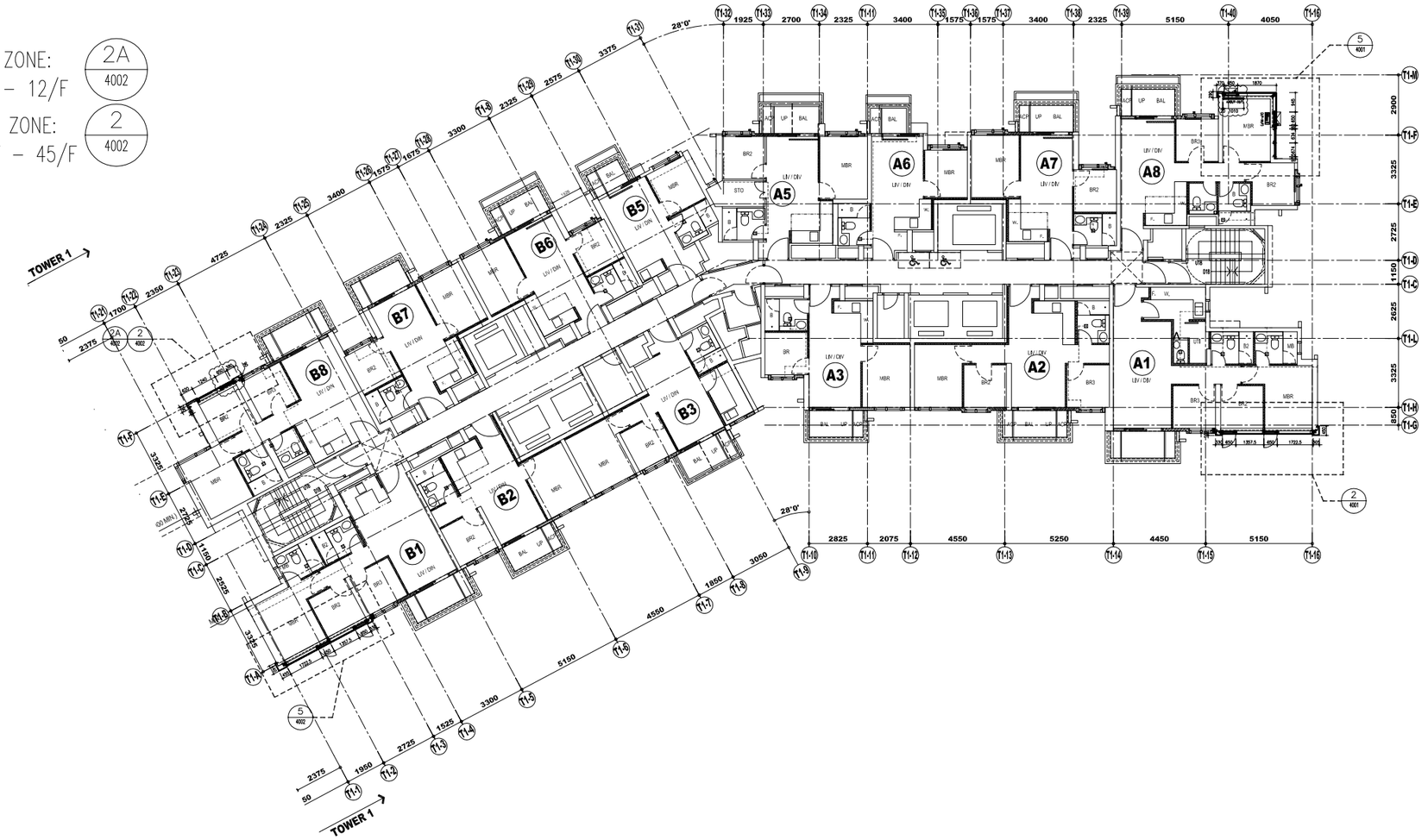
DRAWN BY : C.F | CHECKED BY :

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. : B

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

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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	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.

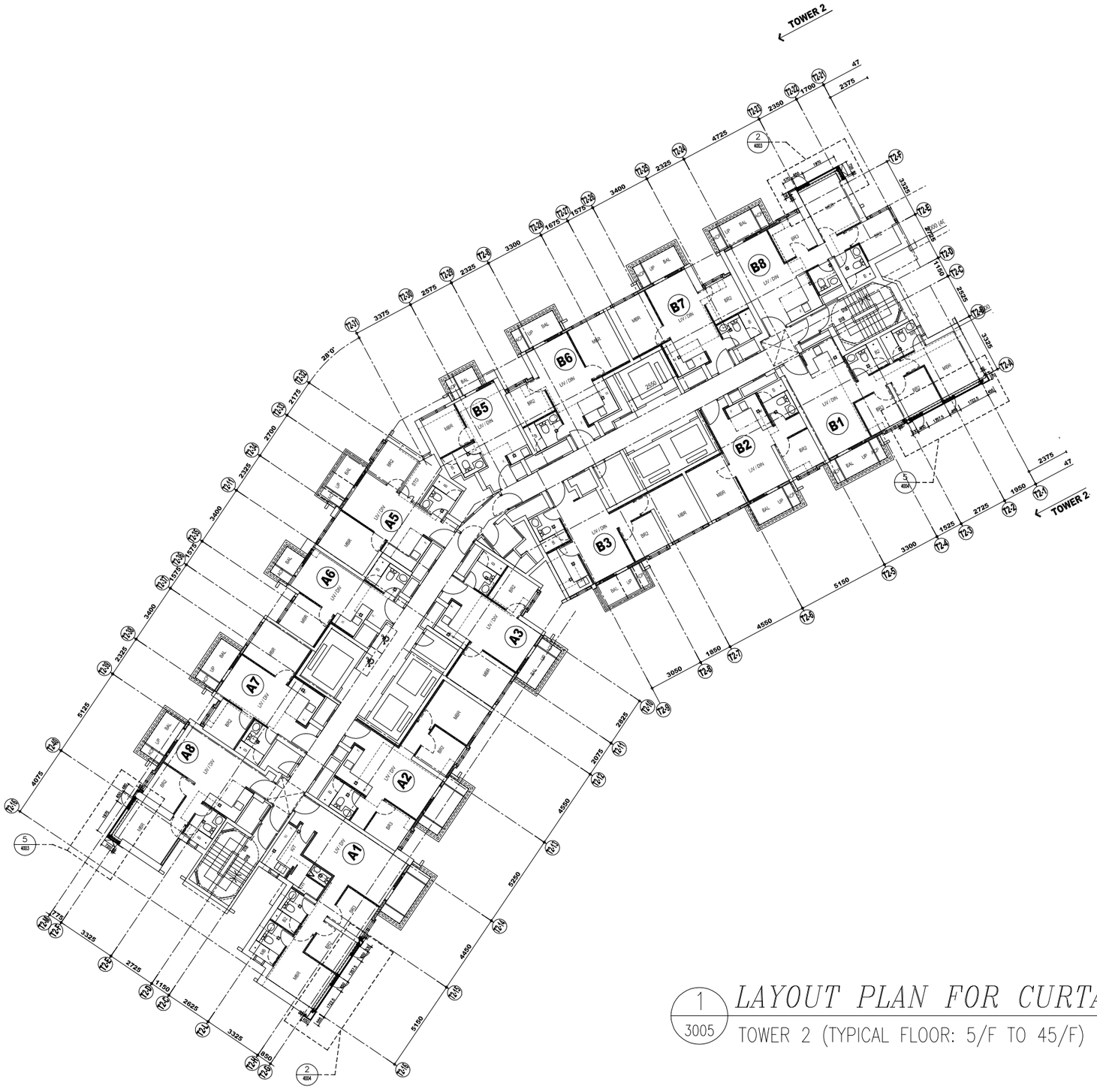
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (TYP)

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. : B



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

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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

JOB NO. : J-856

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

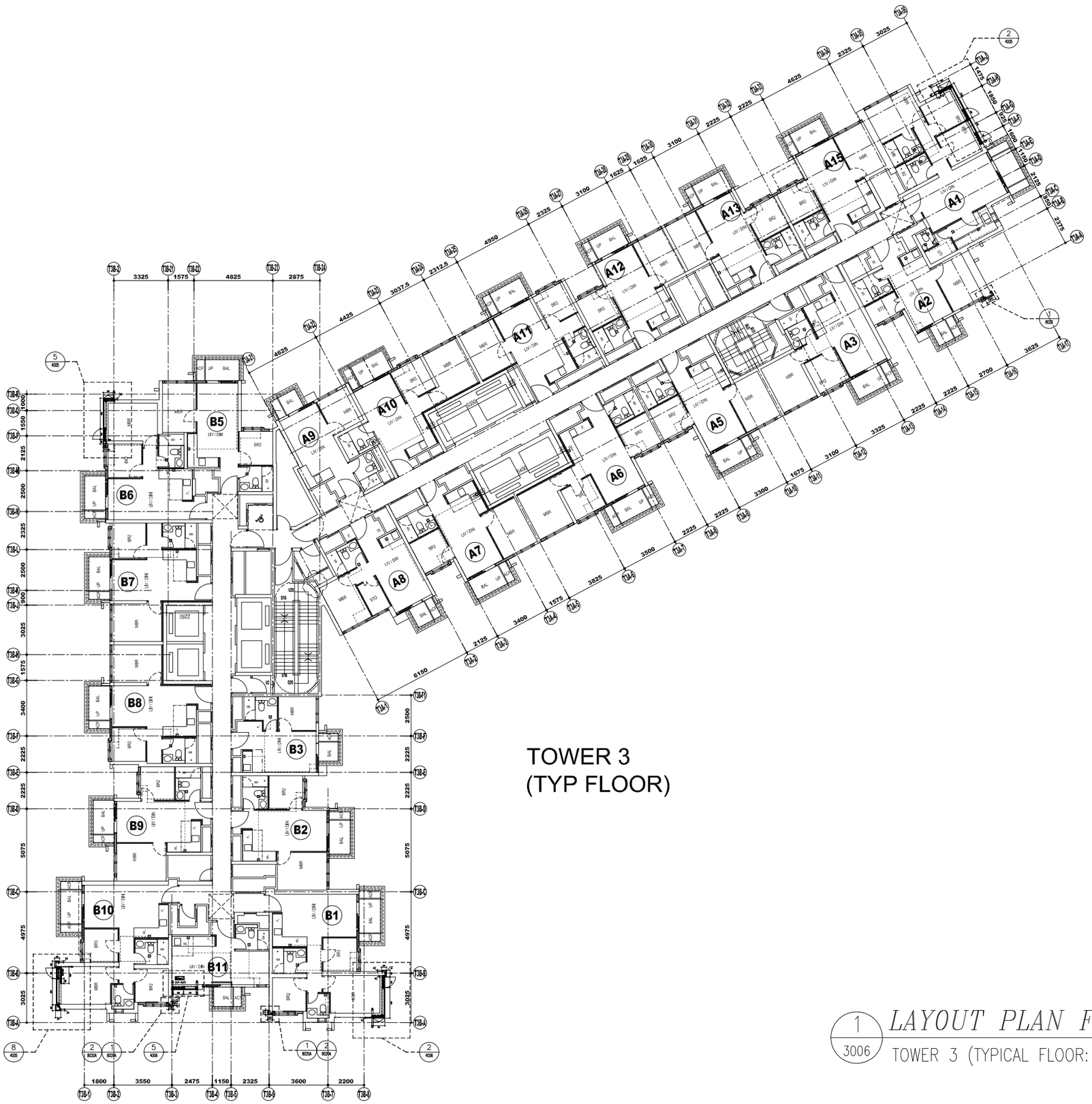
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 2 (TYP)

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. : -



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.
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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	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.

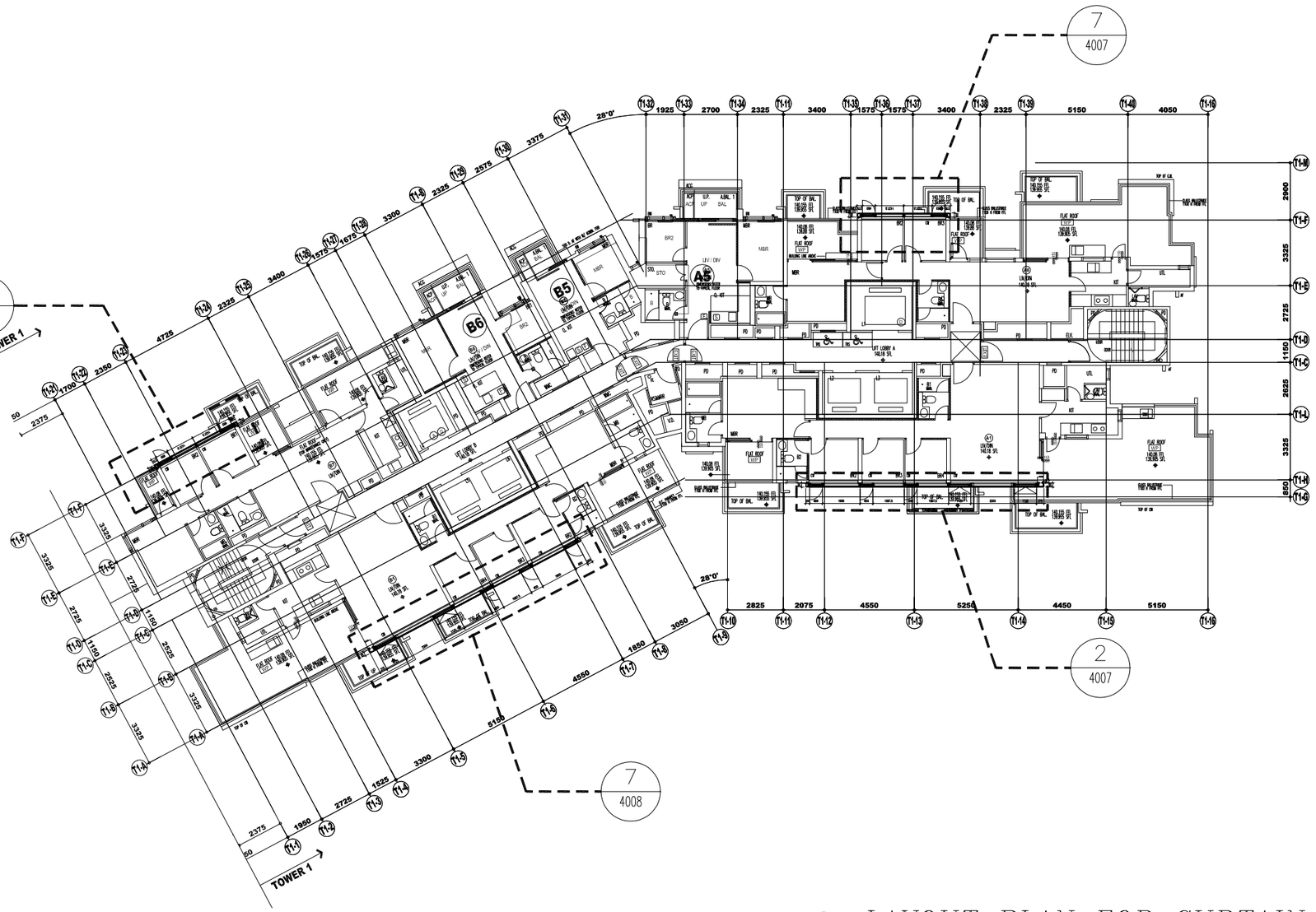
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 (TYP)

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. : B



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

JOB NO. : J-856

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

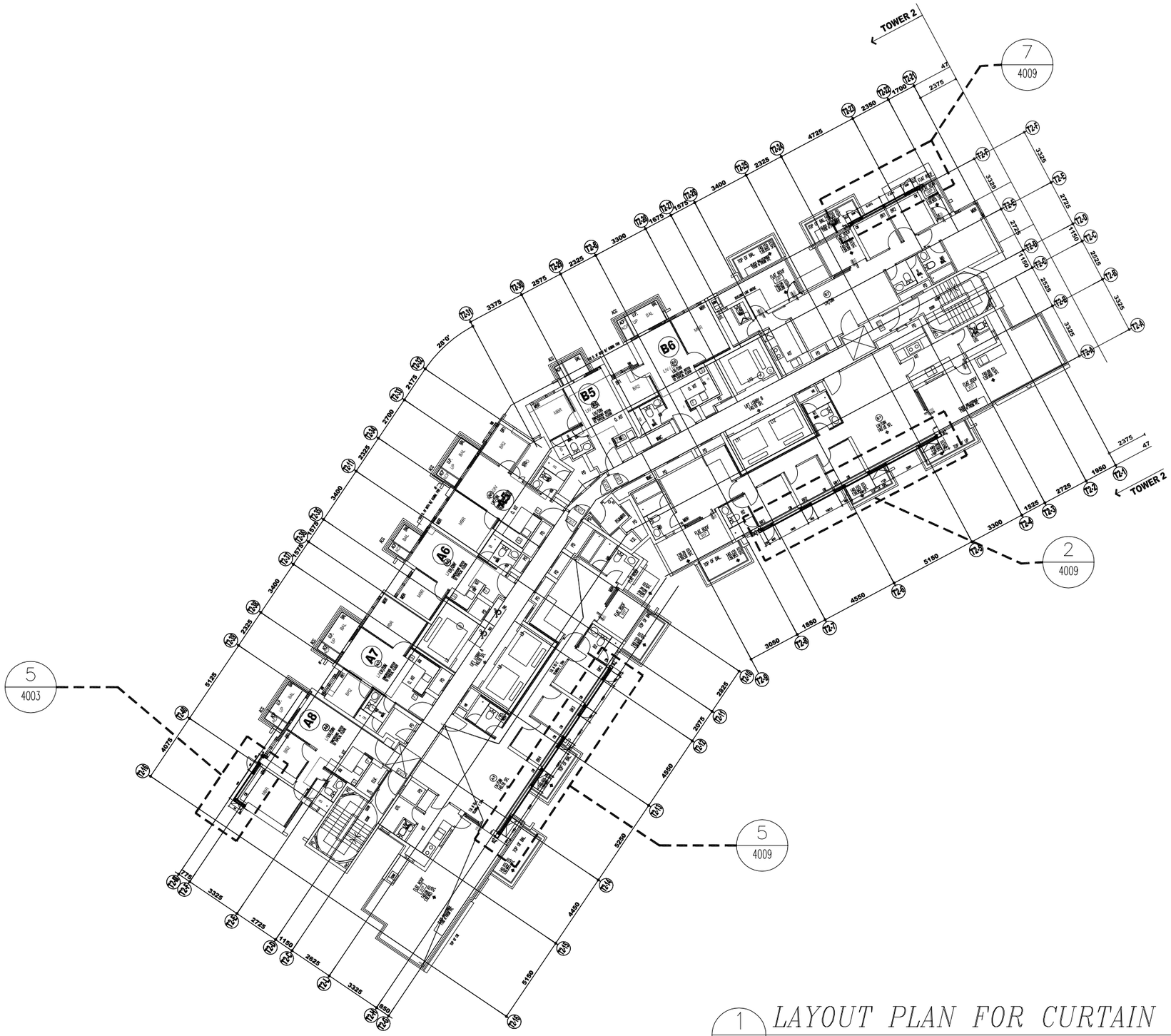
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 1 (46/F)

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

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-3007 | REV. : -



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
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

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 : 1:250
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-3008 REV. : -



1 / 3009 *LAYOUT PLAN FOR CURTAIN WALL*

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
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	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.

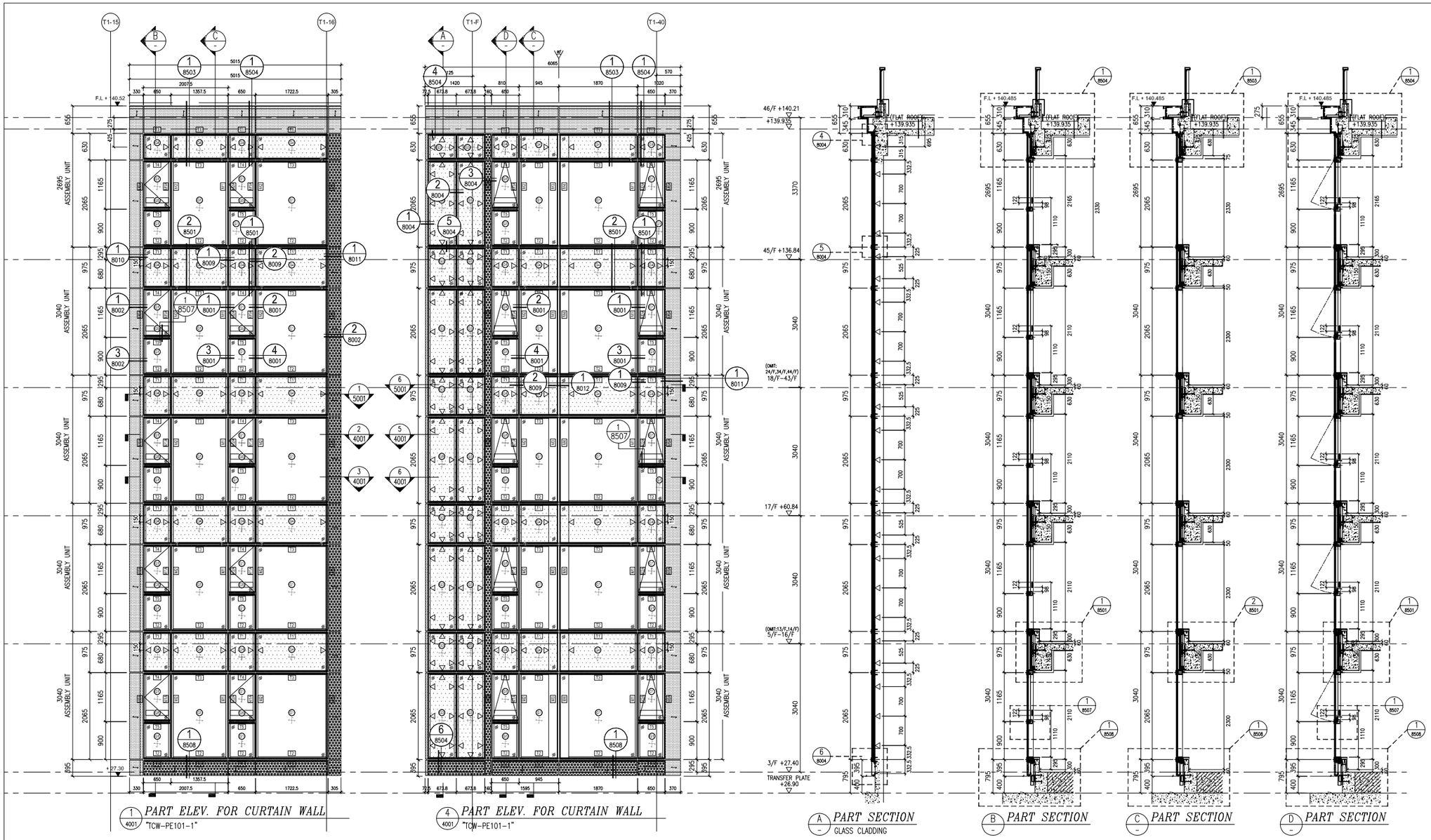
TITLE :
LAYOUT PLAN FOR CURTAIN WALL @ TOWER 3 (46/F)

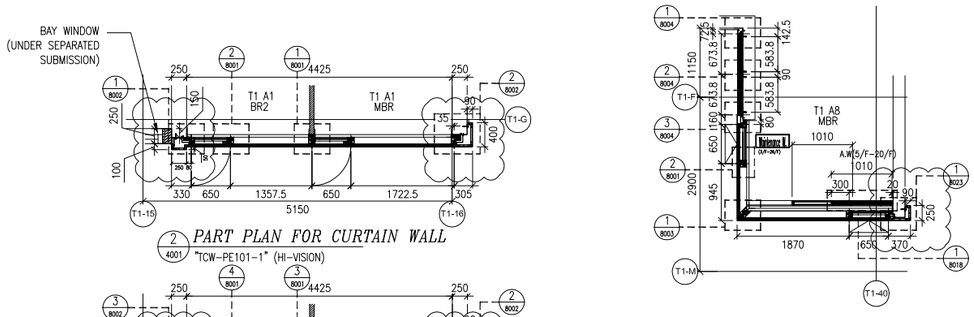
DATE : 31-OCT-22 | SCALE : 1:250

DRAWN BY : C.F | CHECKED BY :

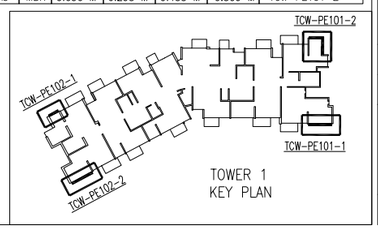
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

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





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	6.293 M²	0.435 M²	0.509 M²	TCW-PE101-2



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 (GLASS CLADDING) /W ALUM BACK PANEL
- 3mm ALUM. CLADDING COLOR: UCT-S09119XLB-3
- 3mm ALUM. CLADDING COLOR: UCT-S42919XL-3
- 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
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.

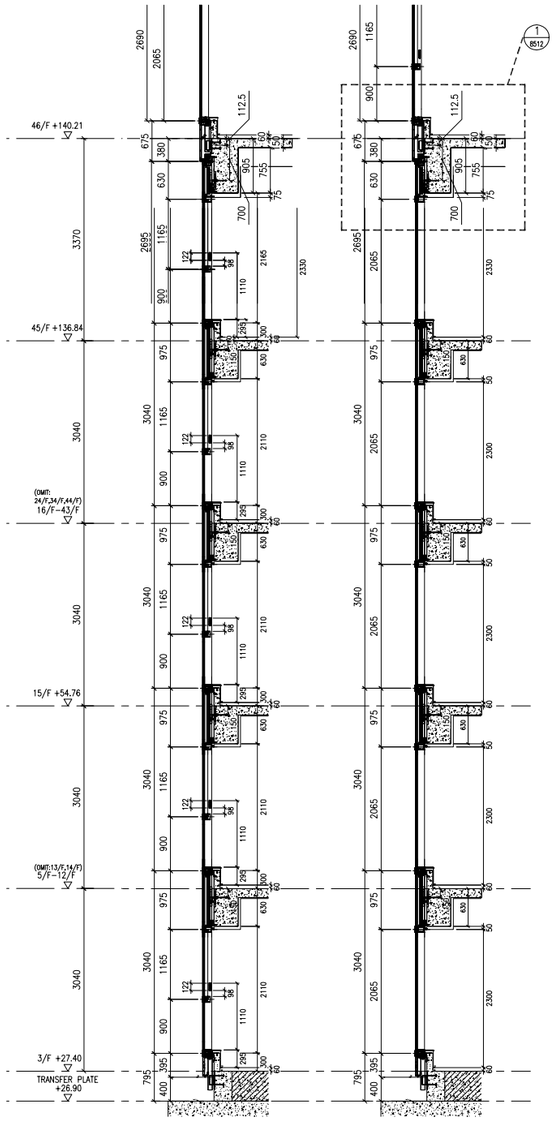
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)

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

DRAWN BY : C.F | CHECKED BY :

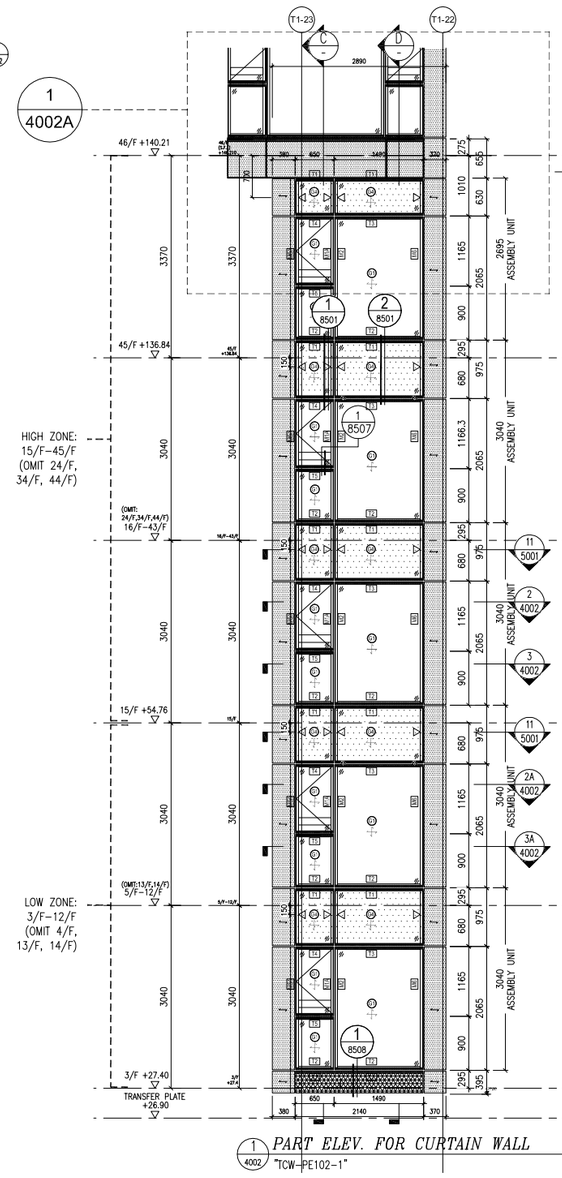
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

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

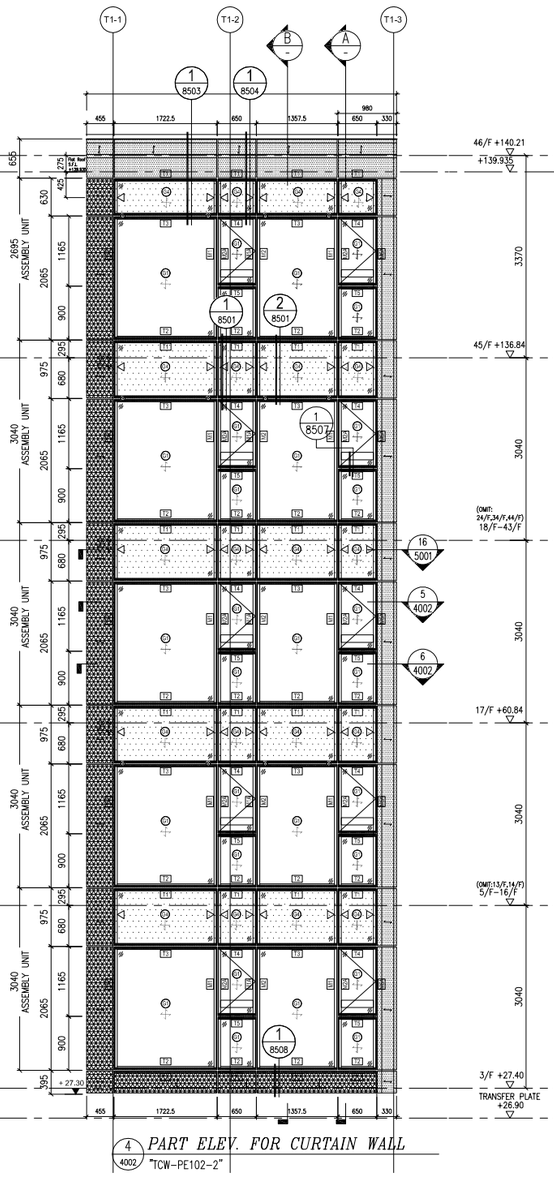


C - PART SECTION

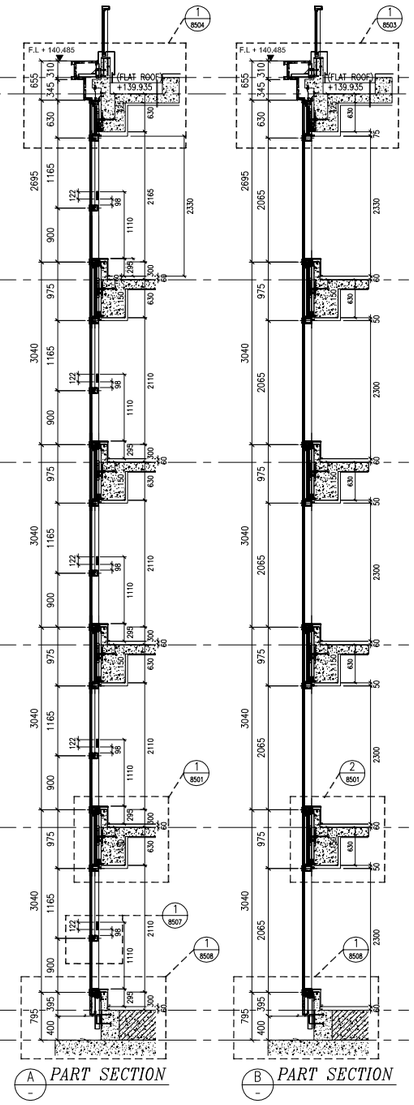
D - PART SECTION



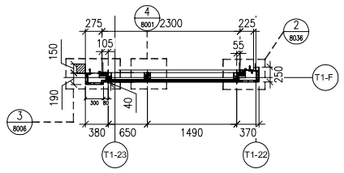
1 4002 "TCW-PE102-1" PART ELEV. FOR CURTAIN WALL



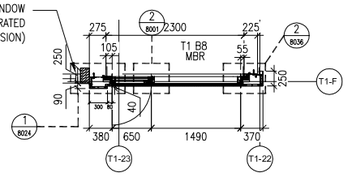
4 4002 "TCW-PE102-2" PART ELEV. FOR CURTAIN WALL



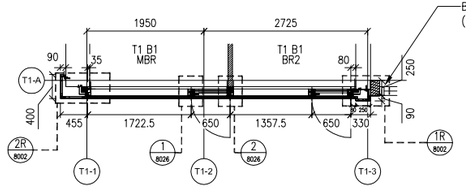
A - PART SECTION B - PART SECTION



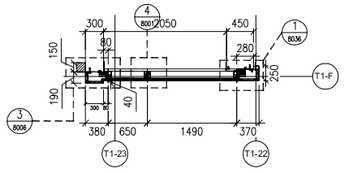
3 4002 PART PLAN FOR CURTAIN WALL HIGH ZONE: 15/F - 45/F "TCW-PE102-1" (LO-VISION)



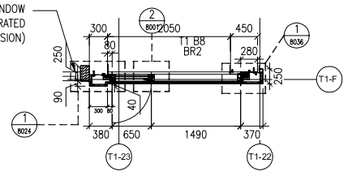
2 4002 PART PLAN FOR CURTAIN WALL HIGH ZONE: 15/F - 45/F "TCW-PE102-1" (HI-VISION)



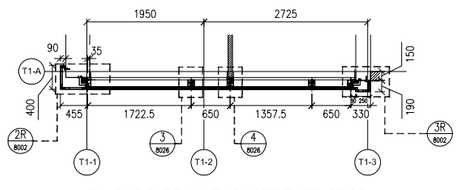
5 4002 PART PLAN FOR CURTAIN WALL "TCW-PE102-2" (HI-VISION)



3A 4002 PART PLAN FOR CURTAIN WALL LOW ZONE: 3/F - 12/F "TCW-PE102-1" (LO-VISION)

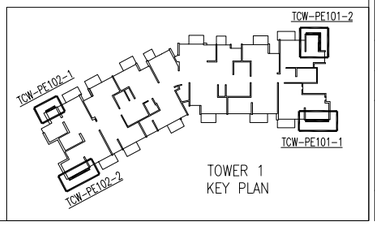


2A 4002 PART PLAN FOR CURTAIN WALL LOW ZONE: 3/F - 12/F "TCW-PE102-1" (HI-VISION)



6 4002 PART PLAN FOR CURTAIN WALL "TCW-PE102-2" (LO-VISION)

LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T1	B8	BR2 (LOW Z)	0.420 M²	3.690 M²	0.263 M²	0.509 M²	TCW-PE102-1
T1	B8	MBR (HIGH Z)	0.420 M²	3.690 M²	0.263 M²	0.509 M²	TCW-PE102-1
T1	B1	BR2	0.420 M²	3.432 M²	0.263 M²	0.509 M²	TCW-PE102-2
T1	B1	MBR	0.795 M²	4.143 M²	0.497 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 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: UCTS309119XLB-3
- 3mm ALUM. CLADDING COLOR: UCTS429119XL-3
- 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
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.

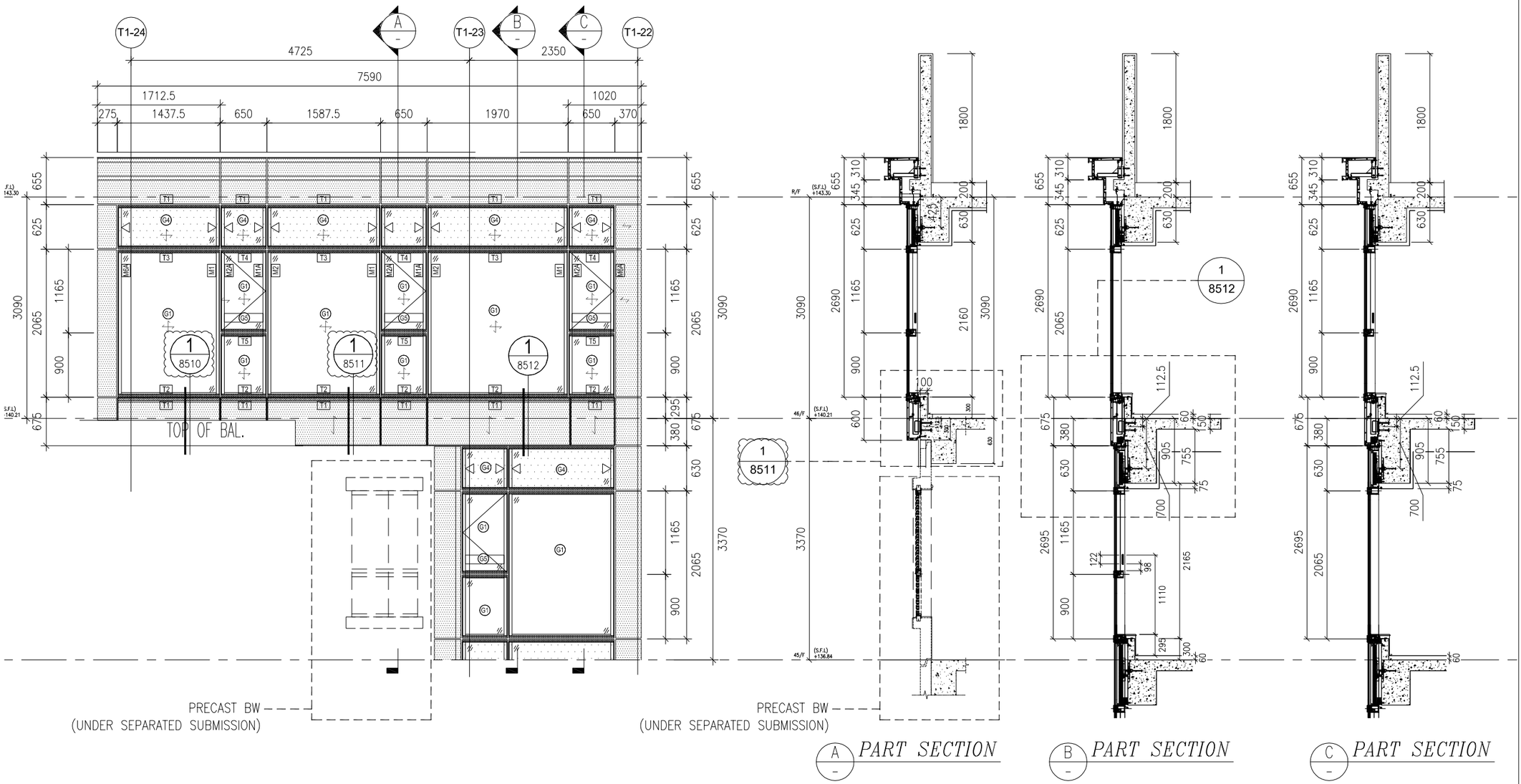
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)

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. : D



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

NO.	DATE	REVISED	BY
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.

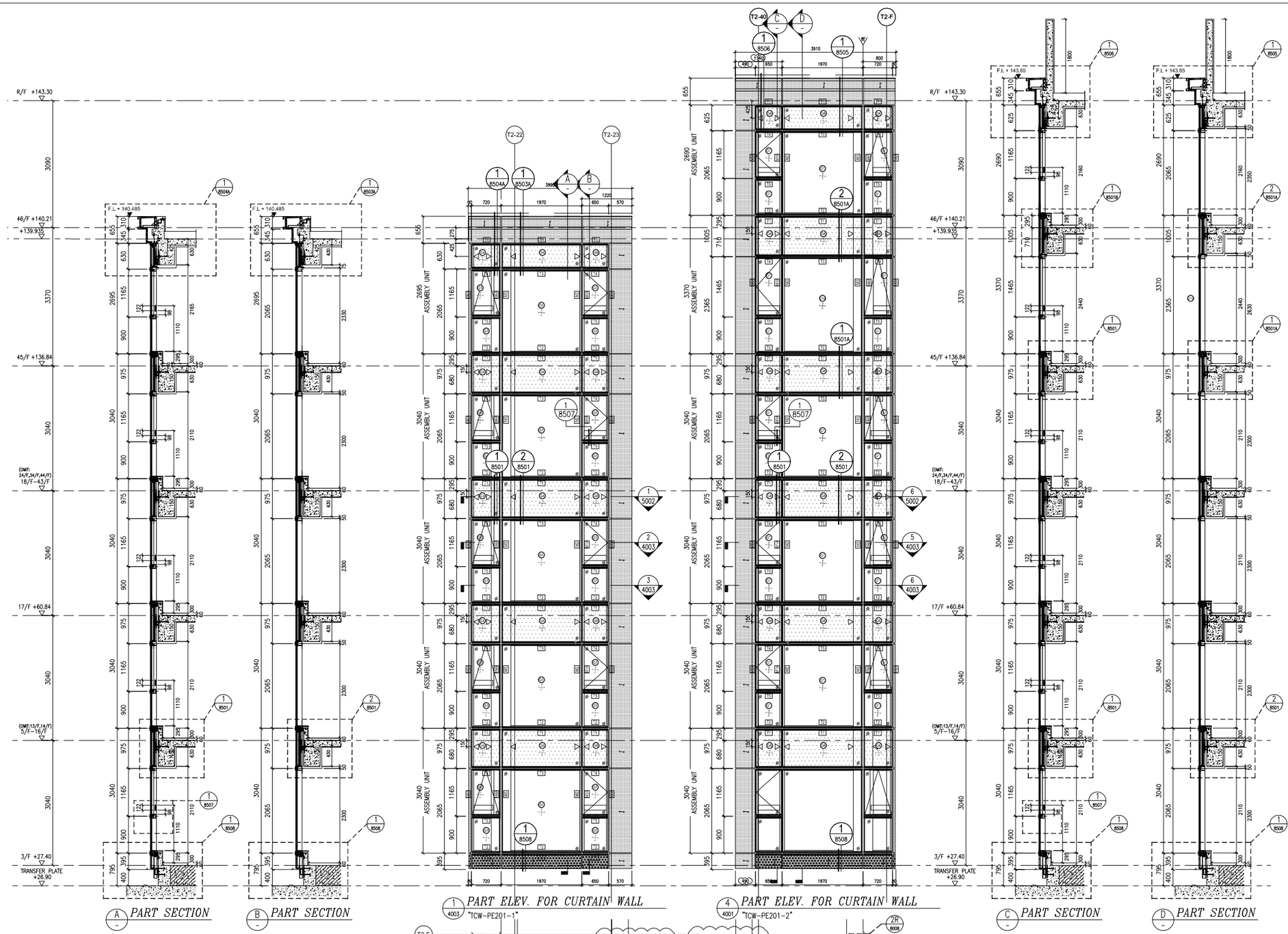
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 (TYPICAL)

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

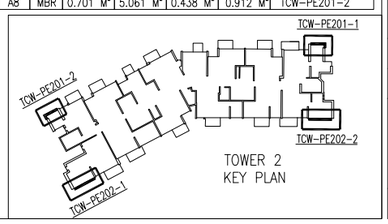
DRAWN BY : C.F | CHECKED BY :

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. : B



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



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 (CLASS CLADDING) /W ALUM BACK PANEL
- 3mm ALUM. CLADDING COLOR: UCT5091190LB-3
- 3mm ALUM. CLADDING COLOR: UCT5429190L-3
- 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
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.

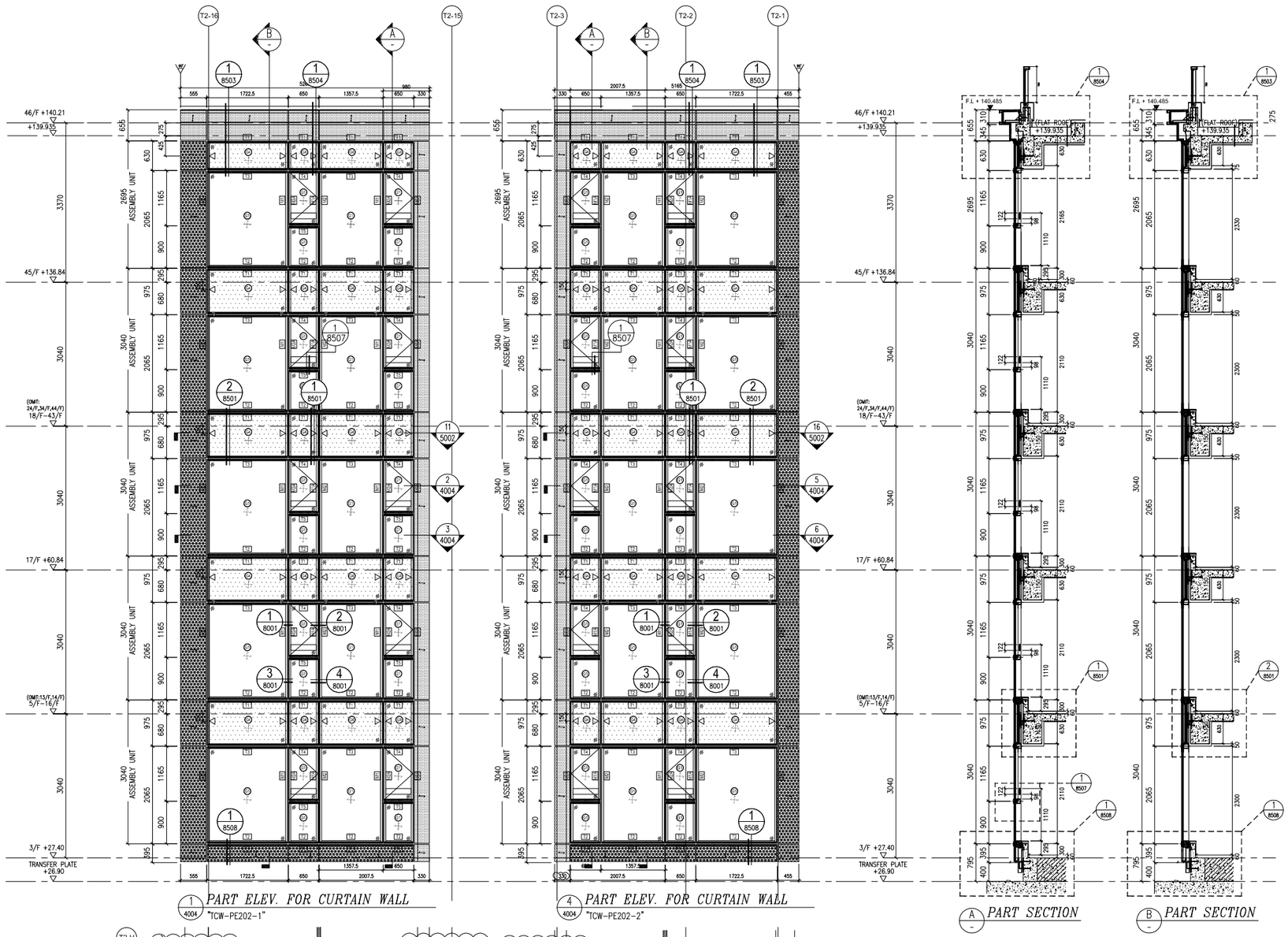
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 (TYPICAL)

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. : D

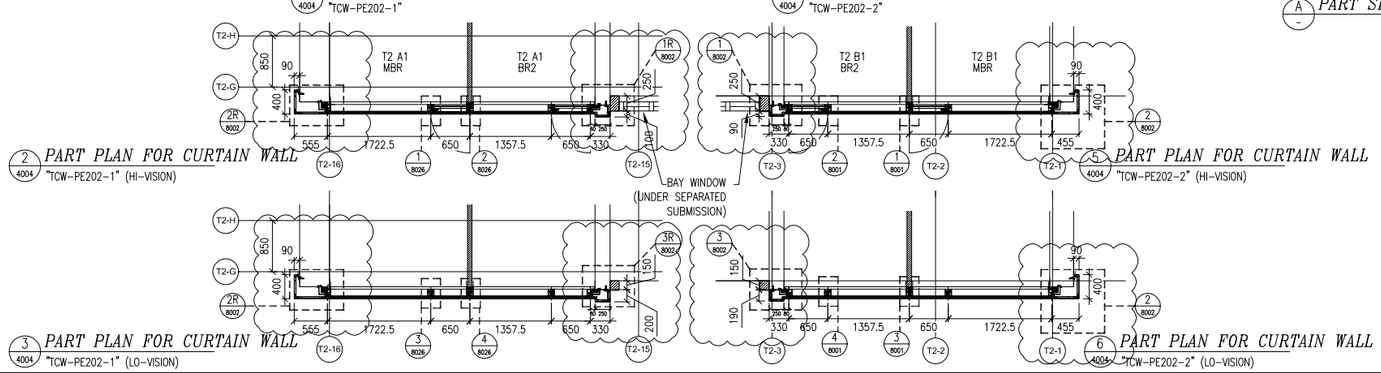


1 4004 "TCW-PE202-1" *PART ELEV. FOR CURTAIN WALL*

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

A - *PART SECTION*

B - *PART SECTION*



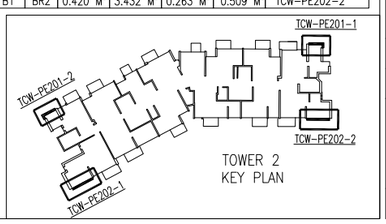
2 4004 "TCW-PE202-1" (HI-VISION) *PART PLAN FOR CURTAIN WALL*

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

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

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

LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T2	A1	MBR	0.793 M^2	4.143 M^2	0.496 M^2	0.509 M^2	TCW-PE202-1
T2	A1	BR2	0.420 M^2	3.432 M^2	0.263 M^2	0.509 M^2	TCW-PE202-1
T2	B1	MBR	0.795 M^2	4.143 M^2	0.497 M^2	0.509 M^2	TCW-PE202-2
T2	B1	BR2	0.420 M^2	3.432 M^2	0.263 M^2	0.509 M^2	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
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:

- 6I/6 — 6IU GLASS: 6mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
- 6I/12 — 6IU GLASS: 6mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
- 12 — 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: UCT5091191XL8-3
- 3mm ALUM. CLADDING COLOR: UCT5429191XL-3
- 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
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.

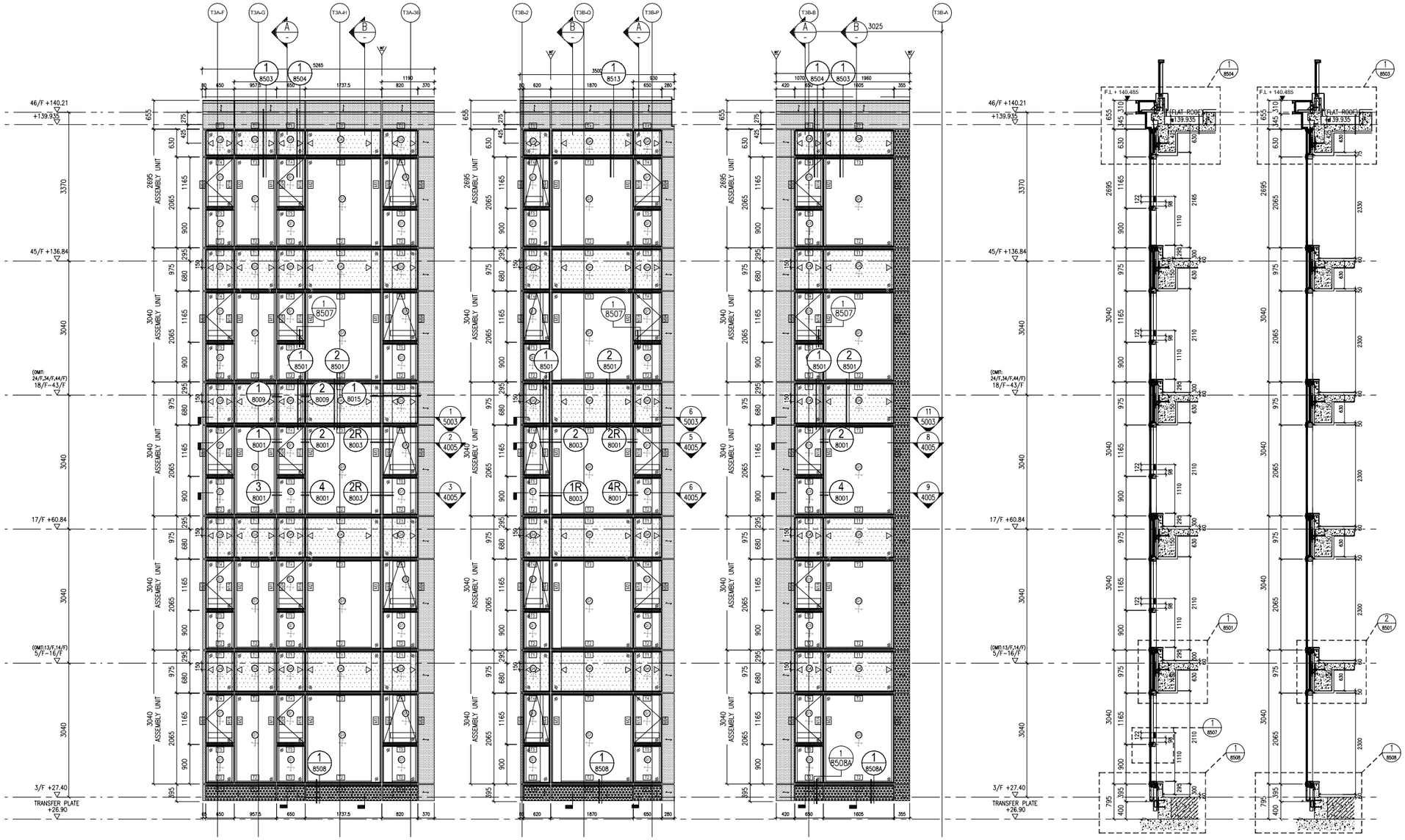
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 (TYPICAL)

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

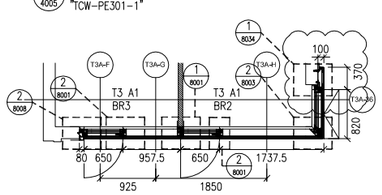
DRAWN BY : C.F | CHECKED BY :

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

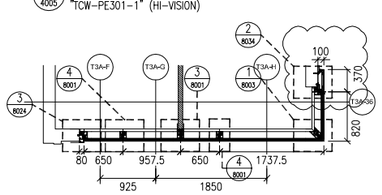
DWG NO. : J856-SD-CW-4004 | REV. : D



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

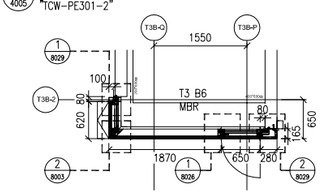


2 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE301-1" (HI-VISION)

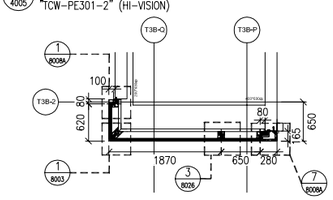


3 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE301-1" (LO-VISION)

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

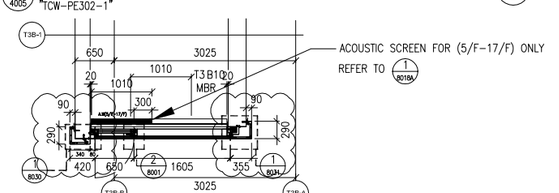


5 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE301-2" (HI-VISION)

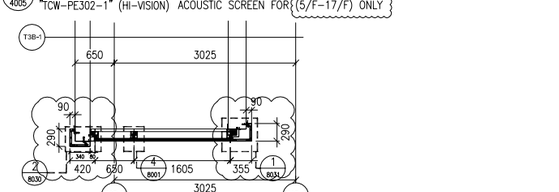


6 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE301-2" (LO-VISION)

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



8 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE302-1" (HI-VISION) ACOUSTIC SCREEN FOR (5/F-17/F) ONLY

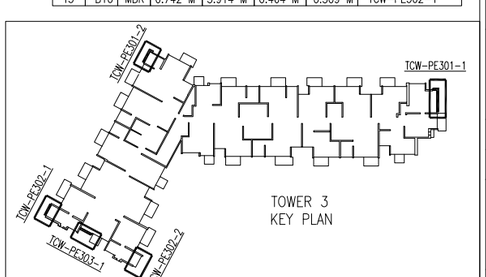


9 4005 *PART PLAN FOR CURTAIN WALL*
"TCW-PE302-1" (LO-VISION)

A - *PART SECTION*

B - *PART SECTION*

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: UCTS09119XLB-3
- 3mm ALUM. CLADDING COLOR: UCTS42191XL-3
- 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
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.

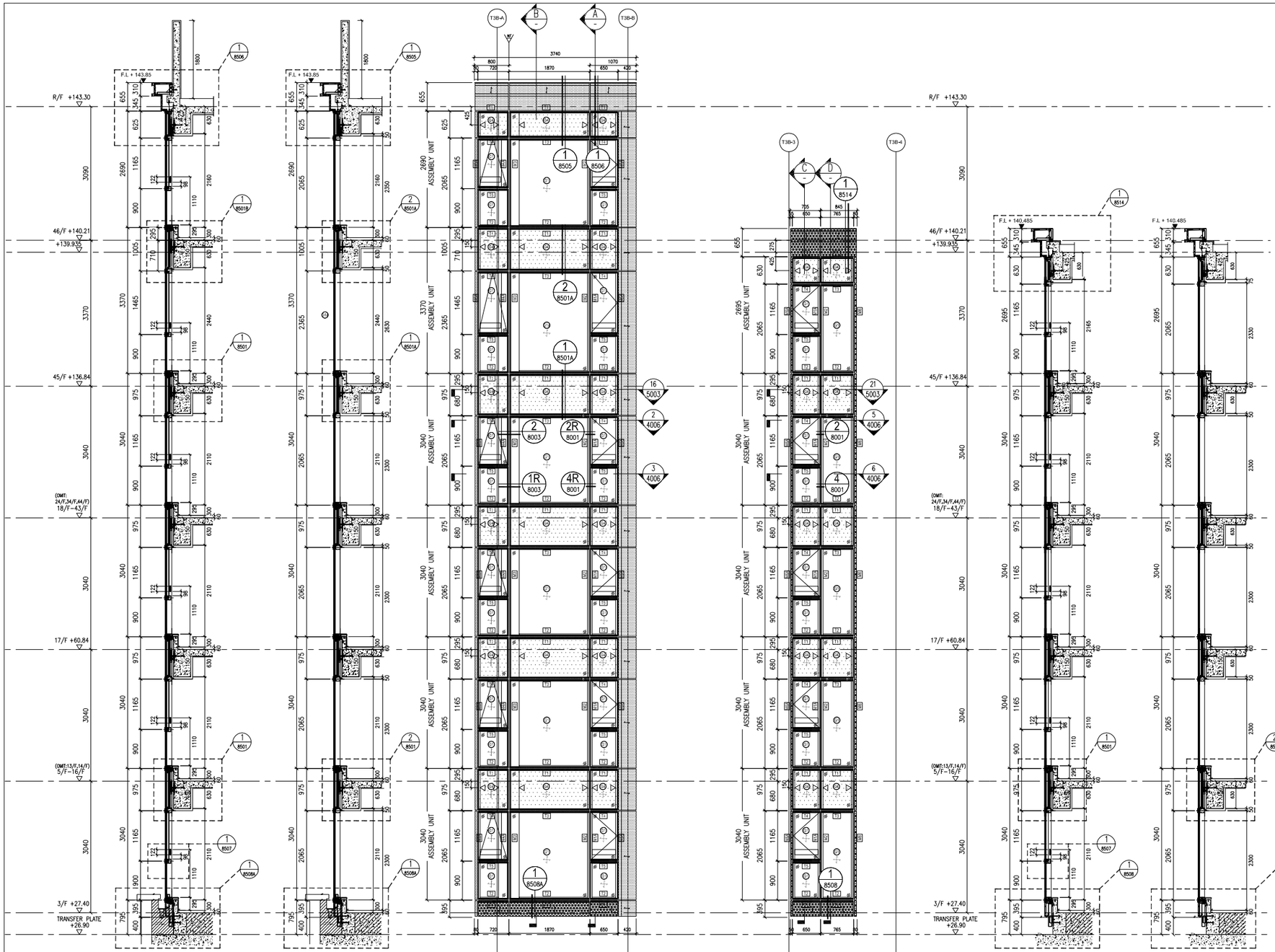
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 (TYPICAL)

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. : D



A - PART SECTION

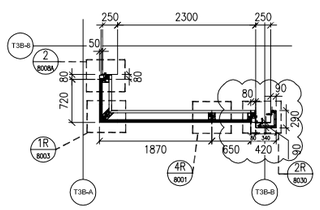
B - PART SECTION

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

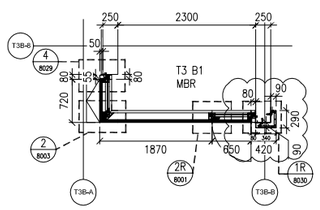
4 4006 PART ELEV. FOR CURTAIN WALL "TCW-PE303-1"

C - PART SECTION

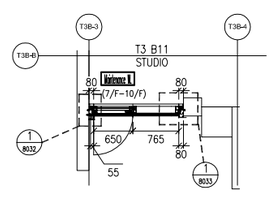
D - PART SECTION



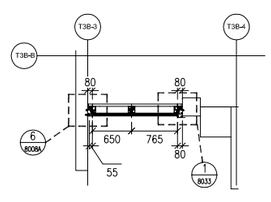
3 4006 PART PLAN FOR CURTAIN WALL "TCW-PE302-2" (LO-VISION)



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



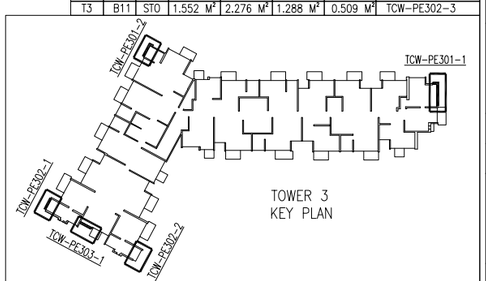
5 4006 PART PLAN FOR CURTAIN WALL "TCW-PE303-1" (HI-VISION)
MAINTENANCE WINDOW FOR (7/F-10/F) ONLY



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 M²	TCW-PE302-3



TOWER 3
KEY PLAN

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 STRENDTHENED GLASS (SPANDREL) /W ALUM BACK PANEL
- 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
- 10mm HEAT STRENDTHENED GLASS (GLASS CLADDING) /W ALUM BACK PANEL
- 3mm ALUM. CLADDING COLOR: UCT309119XLB-3
- 3mm ALUM. CLADDING COLOR: UCT542919XL-3
- WIND LOAD + DEAD LOAD BRACKET
- RESTRAINT SOCKET ONLY APPLY AT: 7/F, 15/F, 21/F, 28/F, 35/F AND 41/F ONLY

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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.

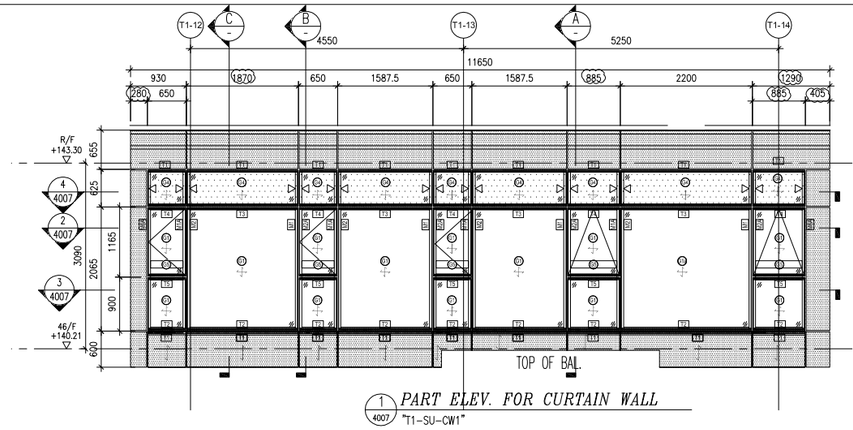
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 (TYPICAL)

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

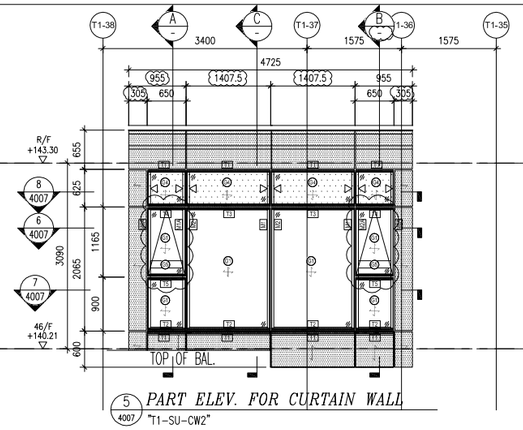
DRAWN BY : C.F | CHECKED BY :

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

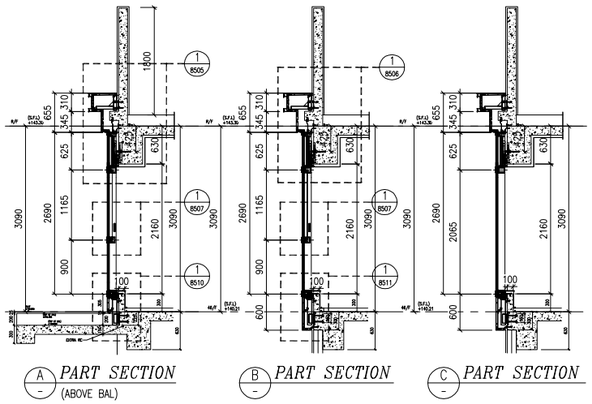
DWG NO. : J856-SD-CW-4006 | REV. : D



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



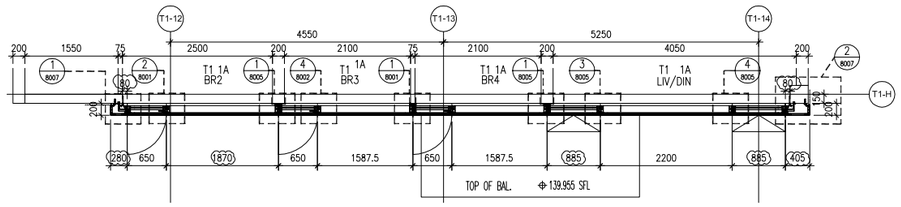
5 4007 *PART ELEV. FOR CURTAIN WALL*
"T1-SU-CW2"



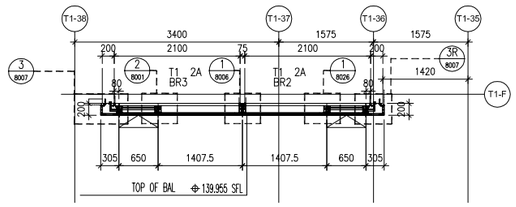
A - *PART SECTION* (ABOVE BAL)

B - *PART SECTION*

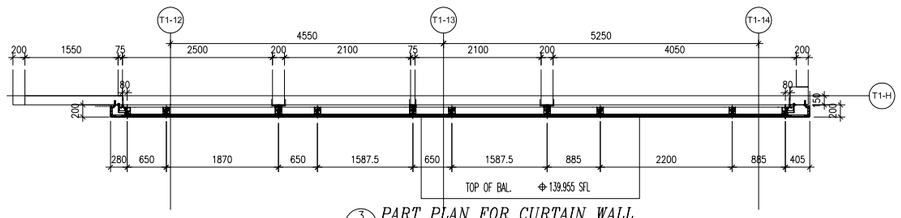
C - *PART SECTION*



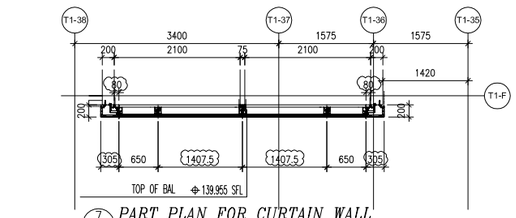
2 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW1" (HI-VISION)



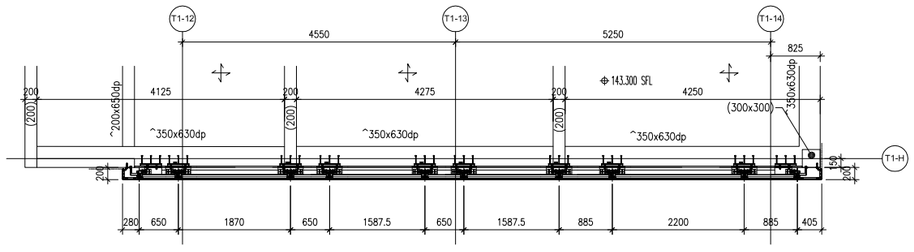
6 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW2" (HI-VISION)



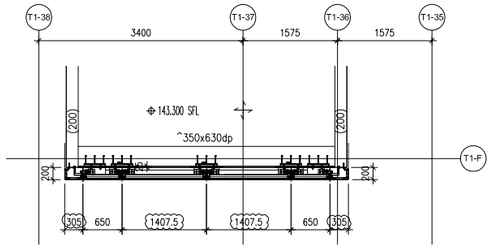
3 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW1" (LO-VISION)



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



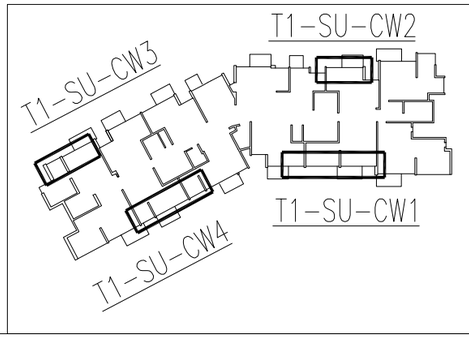
3 4007 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW1" (SPANDREL)



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

LIGHTING AND OPENABLE AREA

TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T1(SU)	1A	LIV/DIN	3.079 M²	6.943 M²	2.242 M²		T1-SU-CW1
T1(SU)	1A	BR2	0.525 M²	4.431 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



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:
G1 IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
G19 IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
G24 12mm HEAT STRENDTHENED GLASS (SPANDREL) /W 2MM BACK PANEL
G25 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
3mm ALUM. CLADDING
WIND LOAD + DEAD LOAD BRACKET

NO.	DATE	REVISED	BY
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.

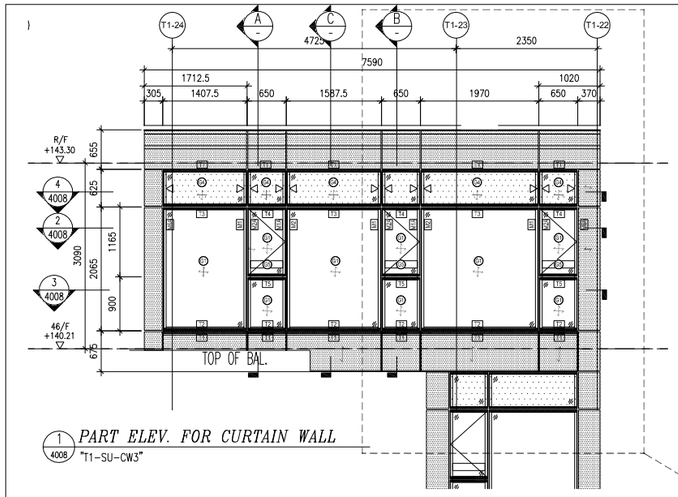
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 SU (46/F)

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

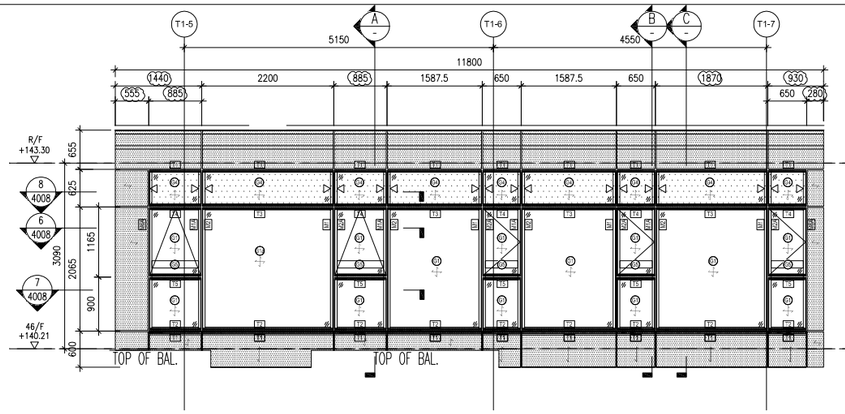
DRAWN BY : C.F | CHECKED BY :

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

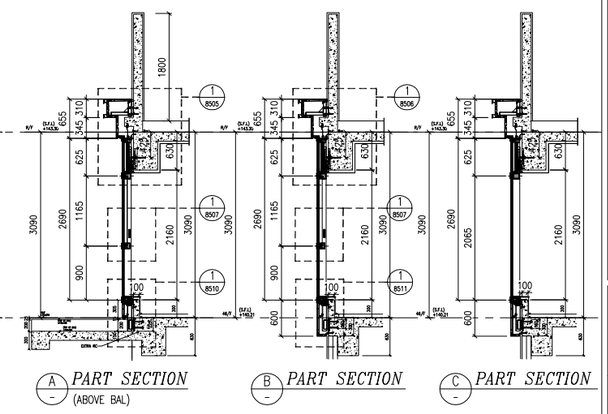
DWG NO. : J856-SD-CW-4007 | REV. : B



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



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

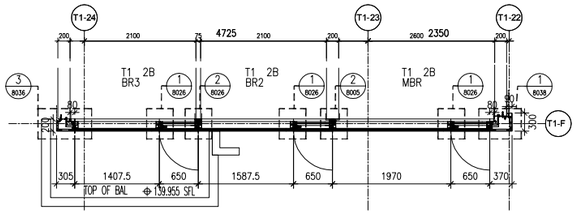


A - *PART SECTION*
(ABOVE BAL)

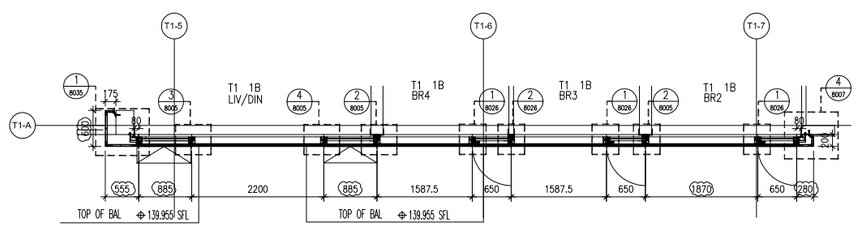
B - *PART SECTION*

C - *PART SECTION*

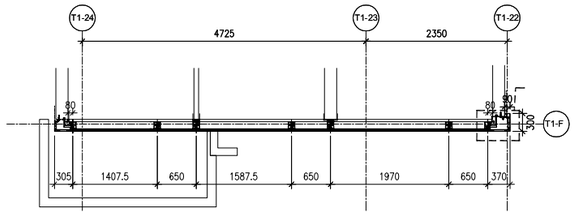
1
4002A

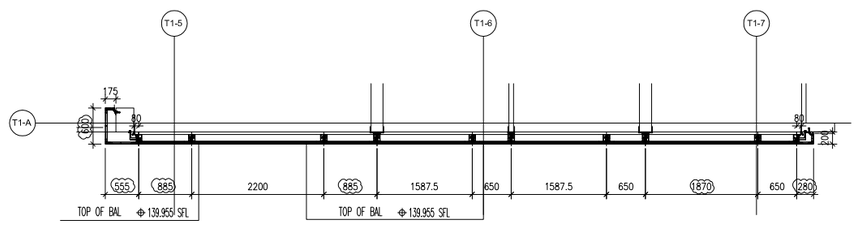


2 4008 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW3" (HI-VISION)



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

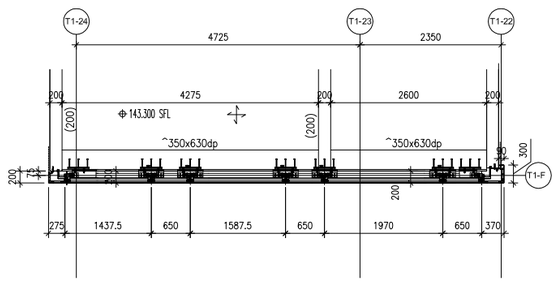




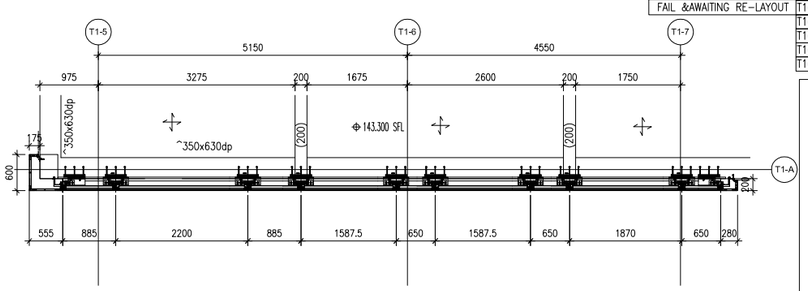
3 4008 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW3" (LO-VISION)

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

FAIL &AWAITING RE-LAYOUT

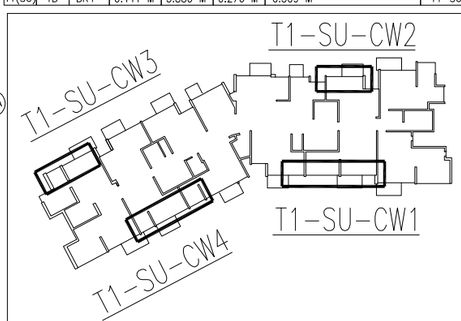


4 4008 *PART PLAN FOR CURTAIN WALL*
"T1-SU-CW3" (SPANDREL)



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

LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T1(SU)	2B	BR2	0.441 M²	3.529 M²	0.276 M²	0.509 M²	T1-SU-CW3
T1(SU)	2B	BR3	0.441 M²	3.880 M²	0.276 M²	0.509 M²	T1-SU-CW3
T1(SU)	2B	MBR	0.919 M²	3.588 M²	0.892 M²	0.509 M²	T1-SU-CW3
T1(SU)	1B	LIV/DIN	2.534 M²	6.943 M²	2.213 M²	1.462(CW)+2.750(SD) =4.212M²	T1-SU-CW4
T1(SU)	1B	BR2	0.525 M²	4.431 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



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 / 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)
G13 — IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
G54 — 12mm HEAT STRENDTHENED GLASS (SPANDREL) /W 2MM BACK PANEL
G55 — 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
3mm ALUM. CLADDING
WIND LOAD + DEAD LOAD BRACKET

NO.	DATE	REVISED	BY
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.

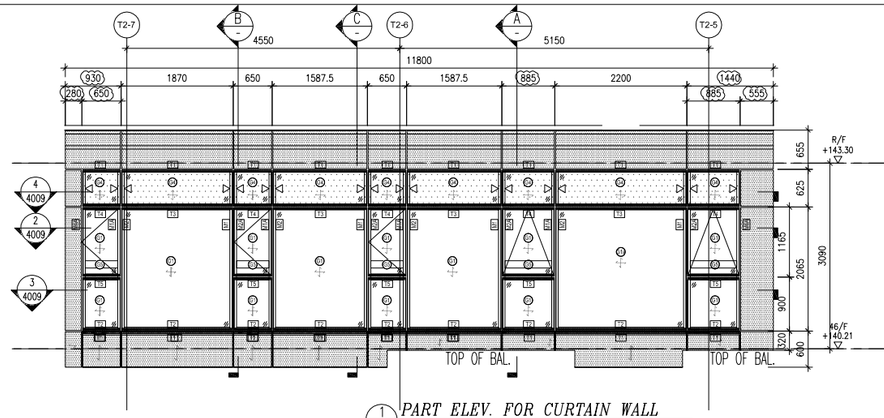
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 1 SU (46/F)

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

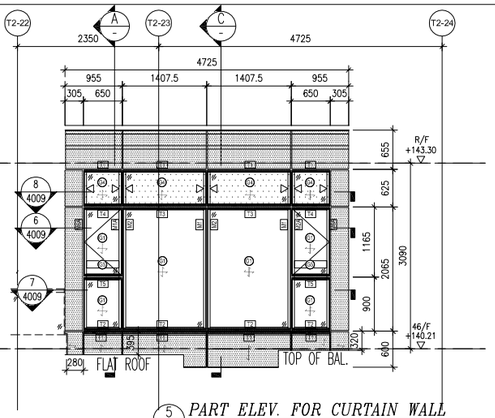
DRAWN BY : C.F | CHECKED BY :

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

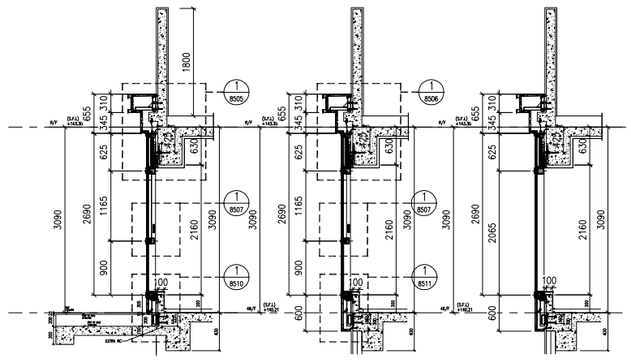
DWG NO. : J856-SD-CW-4008 | REV. : B



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



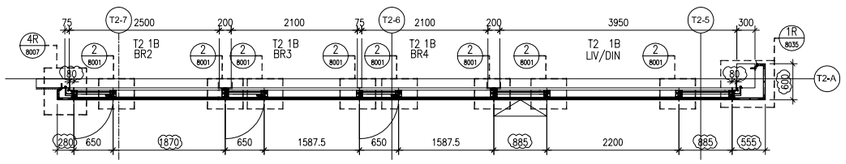
5 / 4009 *PART ELEV. FOR CURTAIN WALL*
"T2-SU-CW2"



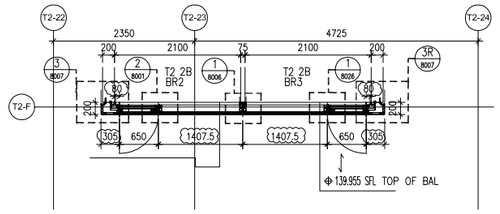
A / - *PART SECTION*
(ABOVE BAL)

B / - *PART SECTION*

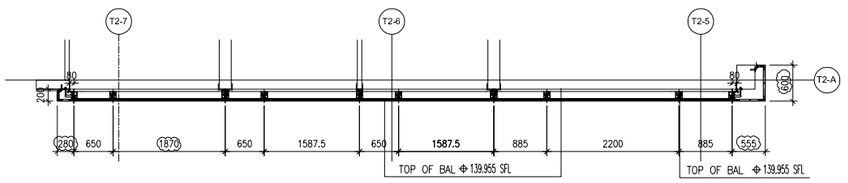
C / - *PART SECTION*



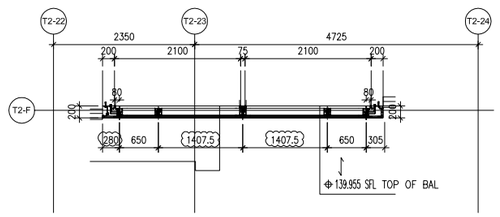
2 / 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW1" (HI-VISION)



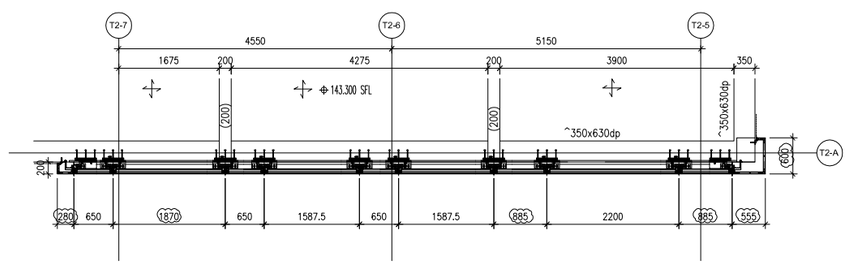
6 / 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW2" (HI-VISION)



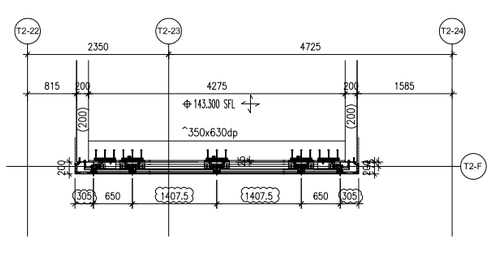
3 / 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW1" (LO-VISION)



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

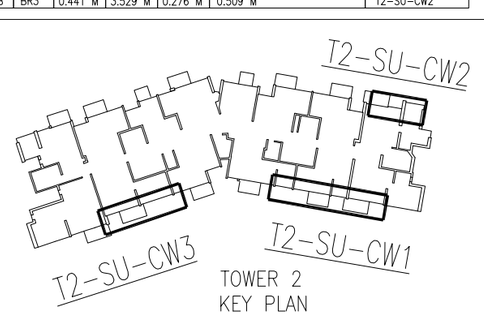


4 / 4009 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW1" (SPANDREL)



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

LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T2(SU)	1B	LIV/DIN	3.033 M²	6.943 M²	2.213 M²	1.462(CW)+2.750(SD)=4.212M²	T2-SU-CW1
T2(SU)	1B	BR2	0.525 M²	4.490 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 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:
G51 IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +10mm TEMPERED (VISION)
G13 IGU GLASS: 8mm HEAT STRENGTHENED +12mm AIR +12mm TEMPERED (VISION)
G24 12mm HEAT STRENDTHENED GLASS (SPANDREL) /W 2MM BACK PANEL
G25 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
3mm ALUM. CLADDING
WIND LOAD + DEAD LOAD BRACKET

NO.	DATE	REVISED	BY
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.

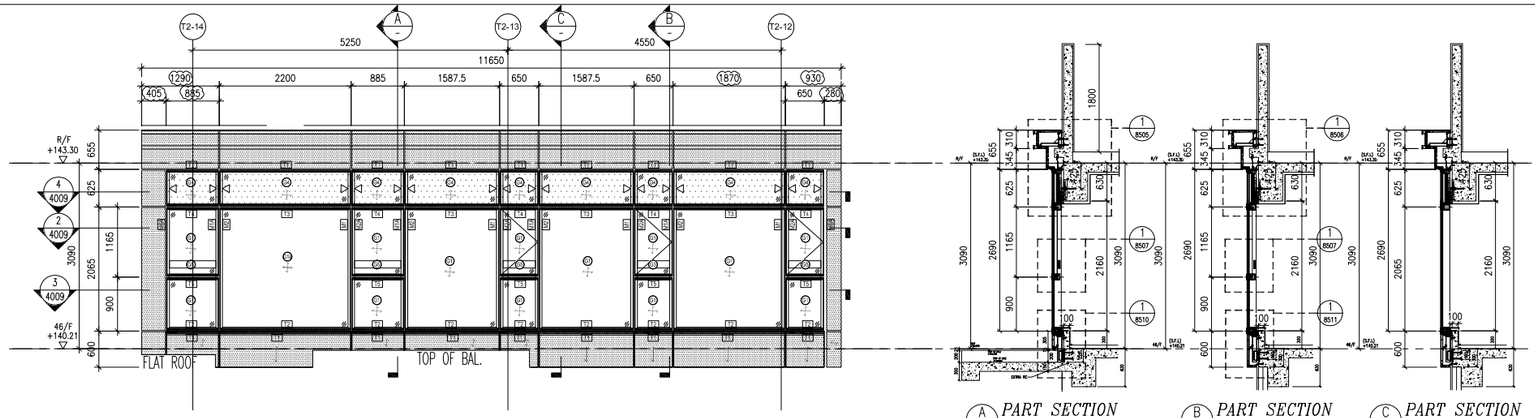
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 SU (46/F)

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. : B

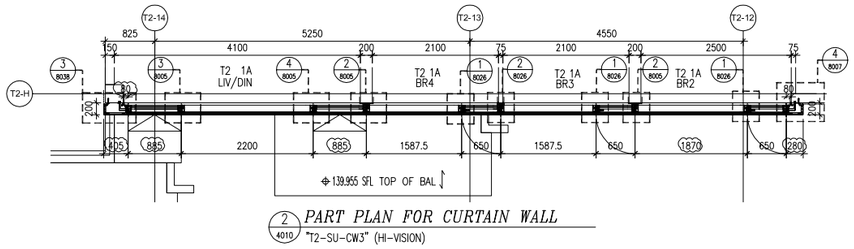


1 / 4010 *PART ELEV. FOR CURTAIN WALL*
"T2-SU-CW3"

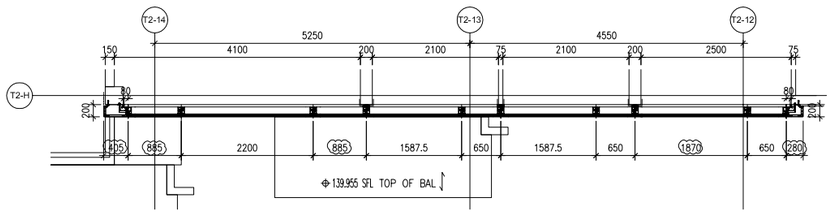
A – *PART SECTION* (ABOVE BAL)

B – *PART SECTION*

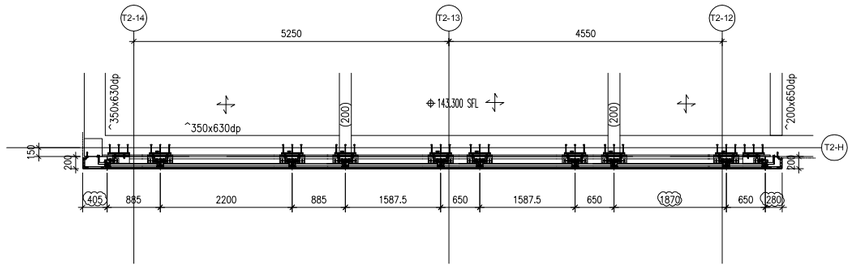
C – *PART SECTION*



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

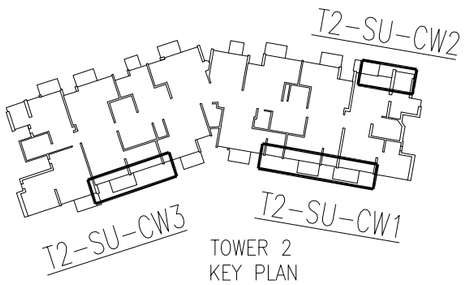


3 / 4010 *PART PLAN FOR CURTAIN WALL*
"T2-SU-CW3" (LO-VISION)



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

LIGHTING AND OPENABLE AREA							
TOWER	FLAT	ROOM	LIGHTING		OPENABLE		REFER CW
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	
T2(SU)	1A	LIV/DIN	3.079 M²	6.943 M²	2.242 M²	1.462(CW)+1.210(SD)=2.672M²	T2-SU-CW3
T2(SU)	1A	BR2	0.525 M²	4.431 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



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)
G2a 12mm HEAT STRENDTHENED GLASS (SPANDREL) /W 2MM BACK PANEL
G2b 12mm TEMPERED GLASS (PROTECTIVE BARRIER)
3mm ALUM. CLADDING
WIND LOAD + DEAD LOAD BRACKET

NO.	DATE	REVISED	BY
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.

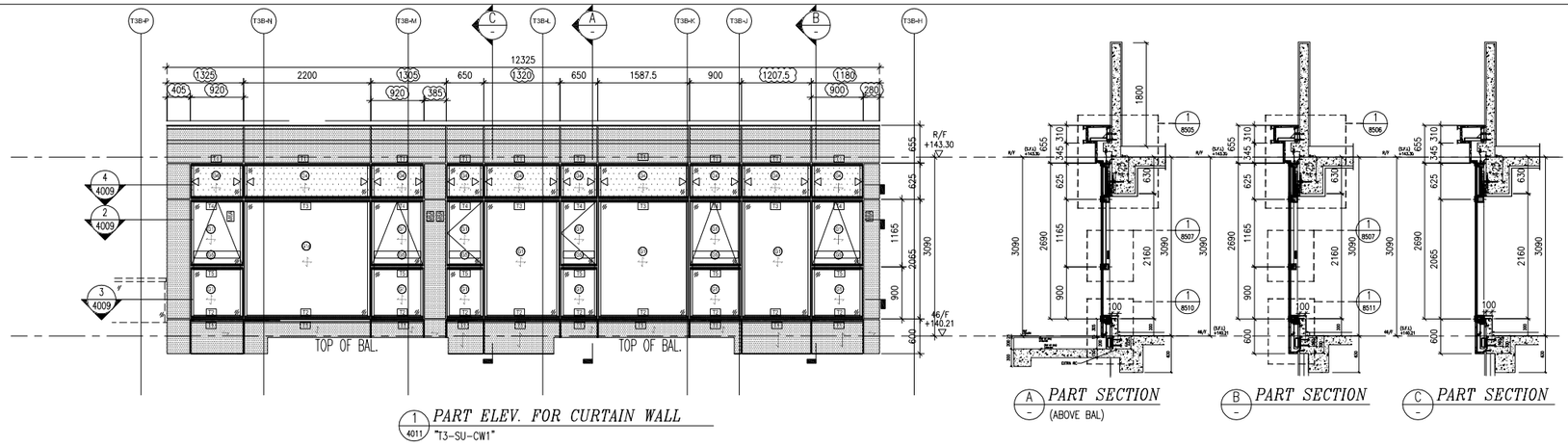
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 2 SU (46/F)

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. : B

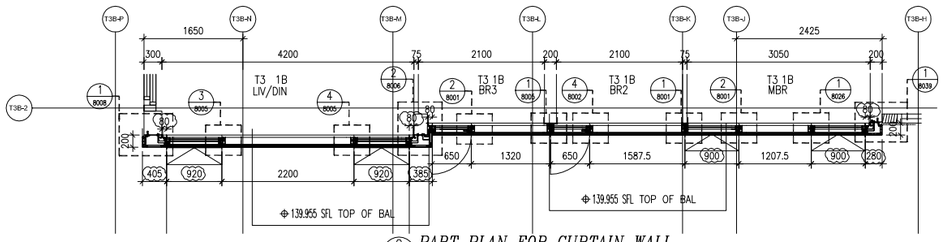


1 4011 *PART ELEV. FOR CURTAIN WALL*
"T3-SU-CW1"

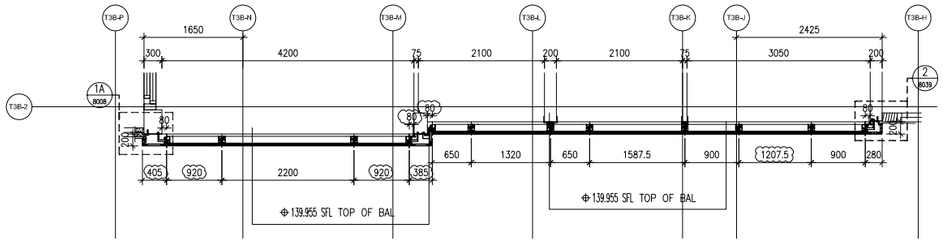
A – *PART SECTION* (ABOVE BAL)

B – *PART SECTION*

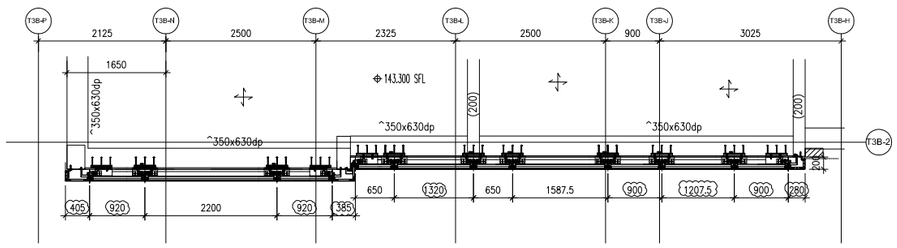
C – *PART SECTION*



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

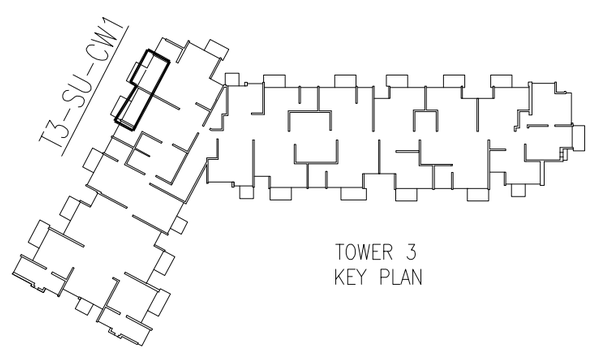


3 4011 *PART PLAN FOR CURTAIN WALL*
"T3-SU-CW1" (LO-VISION)



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

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)+5.335(SD)=6.863M²	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	5.130 M²	1.458 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 — 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
WIND LOAD + DEAD LOAD BRACKET

NO.	DATE	REVISED	BY
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.

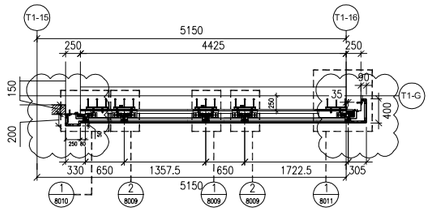
TITLE :
PART ELEV & PLAN & SECTION FOR CURTAIN WALL @ TOWER 3 SU (46/F)

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

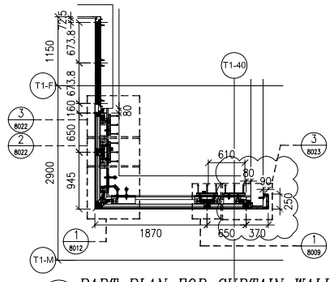
DRAWN BY : C.F | CHECKED BY :

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

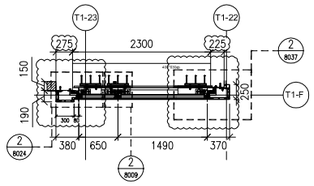
DWG NO. : J856-SD-CW-4011 | REV. : B



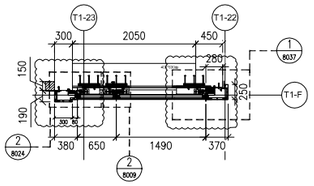
1 5001 *PART PLAN FOR CURTAIN WALL*
"TCW-PE101-1" (GLASS SPANDREL)



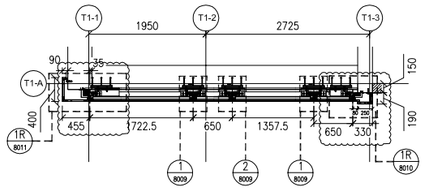
6 5001 *PART PLAN FOR CURTAIN WALL*
"TCW-PE101-2" (GLASS SPANDREL)



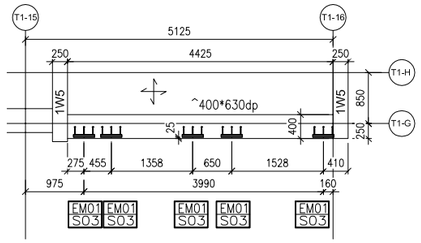
11 5001 *PART PLAN FOR CURTAIN WALL*
"TCW-PE102-1" (GLASS SPANDREL) HIGH 15/F - 45/F



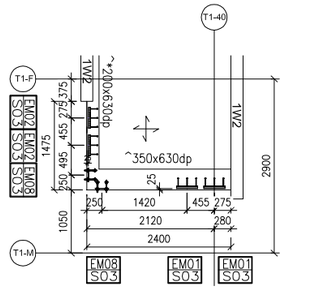
11A 5001 *PART PLAN FOR CURTAIN WALL*
"TCW-PE102-1" (GLASS SPANDREL) LO 5/F -12/F



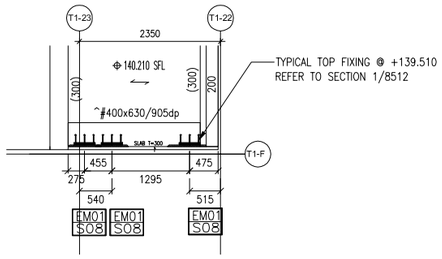
16 5001 *PART PLAN FOR CURTAIN WALL*
"TCW-PE102-2" (GLASS SPANDREL)



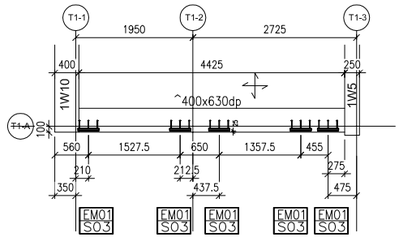
3 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-1" (TOP FIXING)



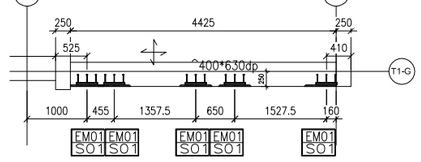
8 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-2" (TOP FIXING)



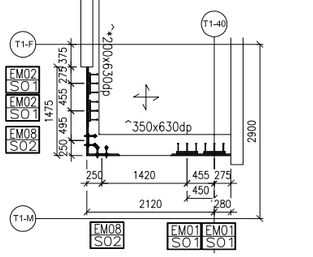
13 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-1" (TOP FIXING)



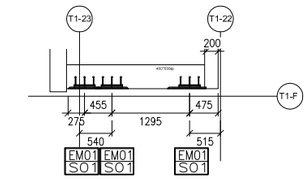
18 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-2" (TOP FIXING)



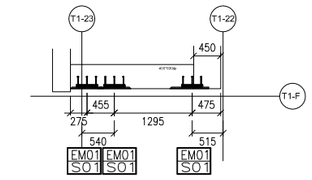
4 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-1" (TYPICAL FIXING)



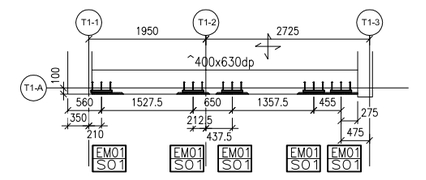
9 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-2" (TYPICAL FIXING)



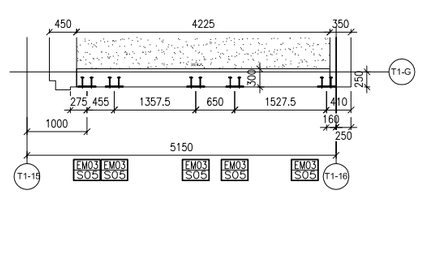
14 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-1" (TYPICAL FIXING)



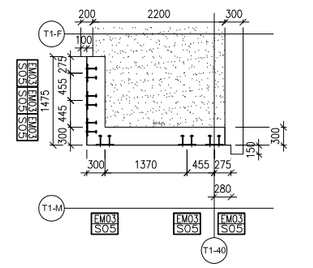
14A 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-1" (TYPICAL FIXING)



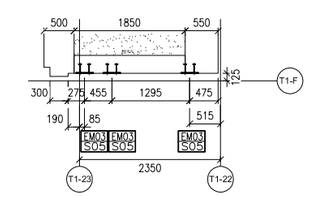
19 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE102-2" (TYPICAL FIXING)



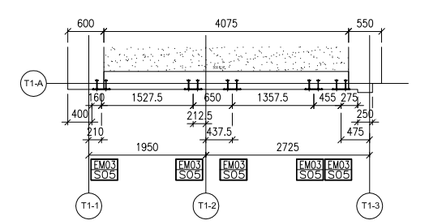
5 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-1" (STARTER)



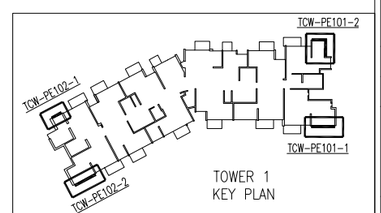
10 5001 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE101-2" (STARTER)



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 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	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.

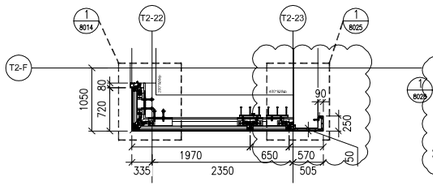
TITLE :
PART PLAN
FOR CURTAIN WALL
@ TOWER 1 (TYPICAL)

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

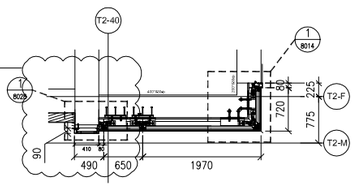
DRAWN BY : C.F | CHECKED BY :

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

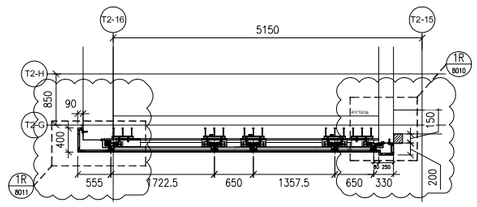
DWG NO. : J856-SD-CW-5001 | REV. : D



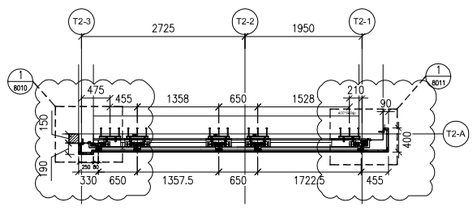
1 5002 *PART PLAN FOR CURTAIN WALL*
"TCW-PE201-1" (GLASS SPANDREL)



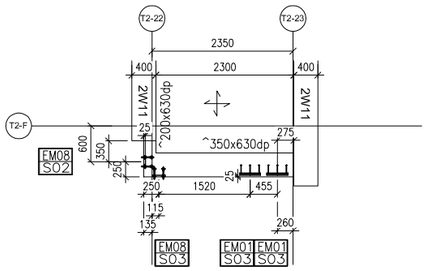
6 5002 *PART PLAN FOR CURTAIN WALL*
"TCW-PE201-2" (GLASS SPANDREL)



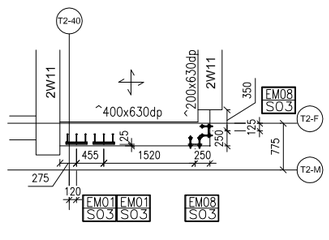
11 5002 *PART PLAN FOR CURTAIN WALL*
"TCW-PE202-1" (GLASS SPANDREL)



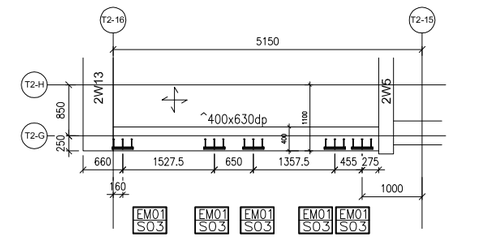
16 5002 *PART PLAN FOR CURTAIN WALL*
"TCW-PE202-2" (GLASS SPANDREL)



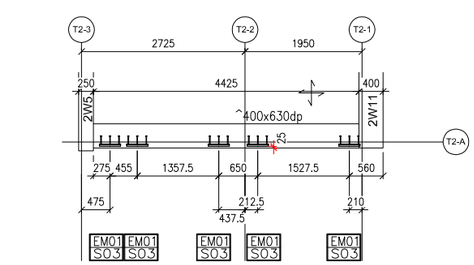
3 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-1" (TOP FIXING)



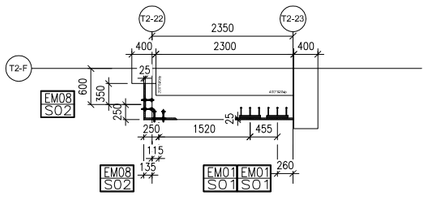
8 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-2" (TOP FIXING)



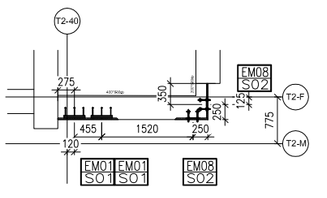
13 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE202-1" (TOP FIXING)



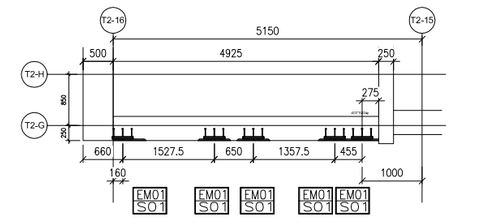
18 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE202-2" (TOP FIXING)



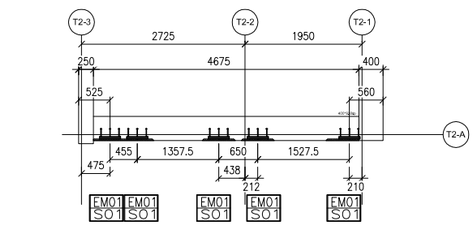
4 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-1" (TYPICAL FIXING)



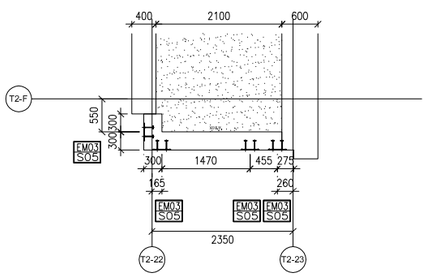
9 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-2" (TYPICAL FIXING)



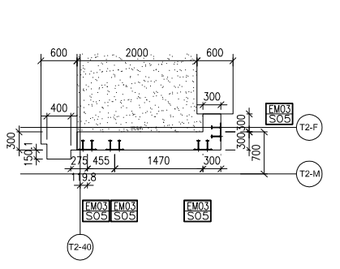
14 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE202-1" (TYPICAL FIXING)



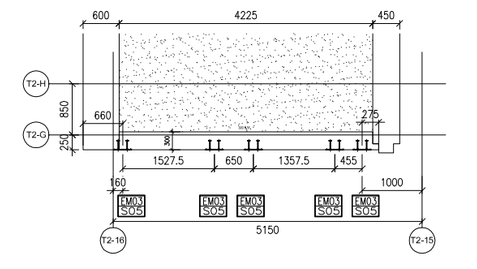
19 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE202-2" (TYPICAL FIXING)



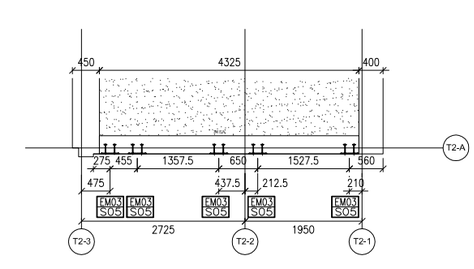
5 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-1" (STARTER)



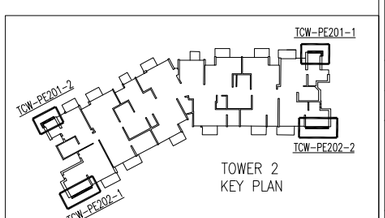
10 5002 *CAST-IN EMBED LAYOUT PLAN*
"TCW-PE201-2" (STARTER)



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



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



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
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.

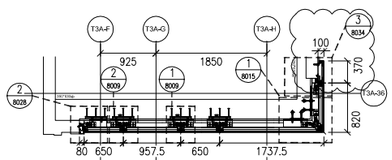
TITLE :
PART PLAN
FOR CURTAIN WALL
@ TOWER 2 (TYPICAL)

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

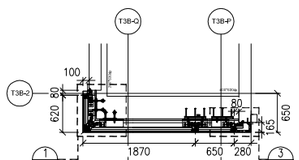
DRAWN BY : C.F | CHECKED BY :

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

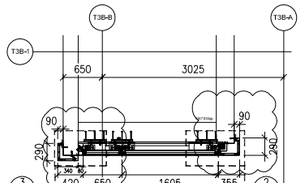
DWG NO. : J856-SD-CW-5002 | REV. : D



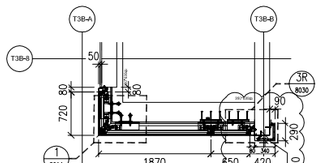
1 / 5003 PART PLAN FOR CURTAIN WALL
"TCW-PE301-1" (GLASS SPANDREL)



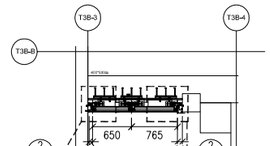
6 / 5003 PART PLAN FOR CURTAIN WALL
"TCW-PE301-2" (GLASS SPANDREL)



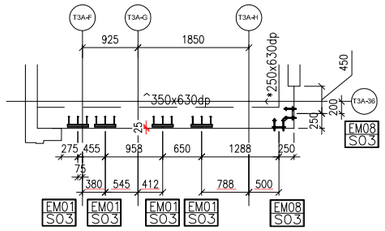
11 / 5003 PART PLAN FOR CURTAIN WALL
"TCW-PE302-1" (GLASS SPANDREL)



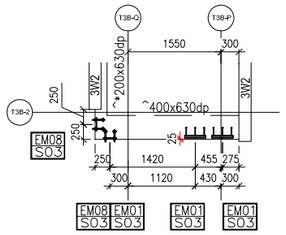
16 / 5003 PART PLAN FOR CURTAIN WALL
"TCW-PE302-2" (GLASS SPANDREL)



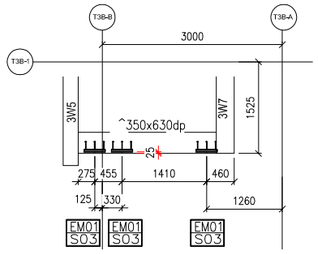
21 / 5003 PART PLAN FOR CURTAIN WALL
"TCW-PE303-1" (GLASS SPANDREL)



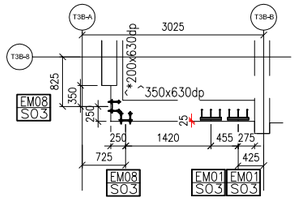
3 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE301-1" (TOP FIXING)



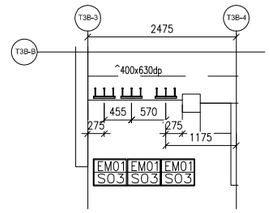
8 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE301-2" (TOP FIXING)



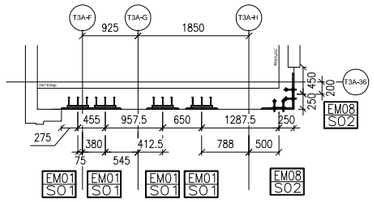
13 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE302-1" (TOP FIXING)



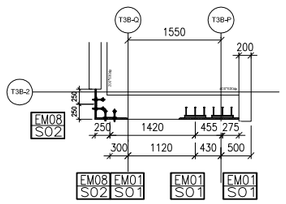
18 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE302-2" (TOP FIXING)



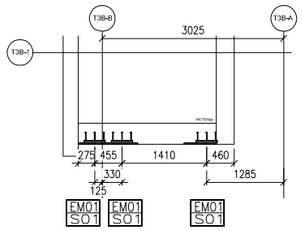
23 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE303-1" (TOP FIXING)



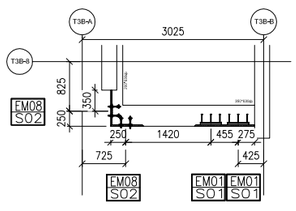
4 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE301-1" (TYPICAL FIXING)



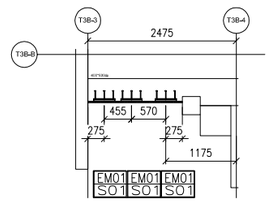
9 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE301-2" (TYPICAL FIXING)



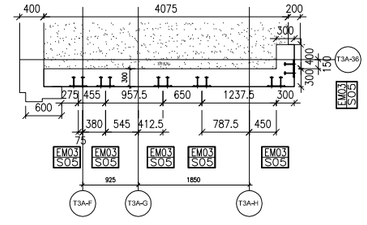
14 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE302-1" (TYPICAL FIXING)



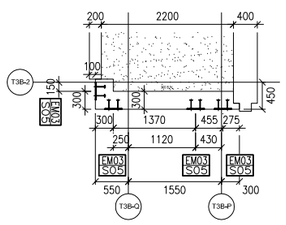
19 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE302-2" (TYPICAL FIXING)



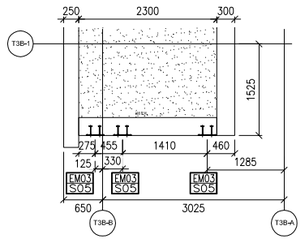
24 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE303-1" (TYPICAL FIXING)



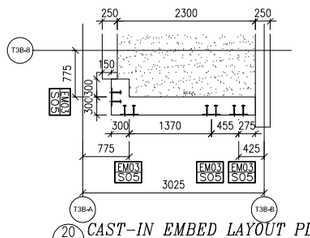
5 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE301-1" (STARTER)



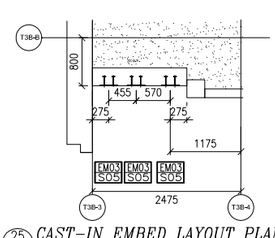
10 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE301-2" (STARTER)



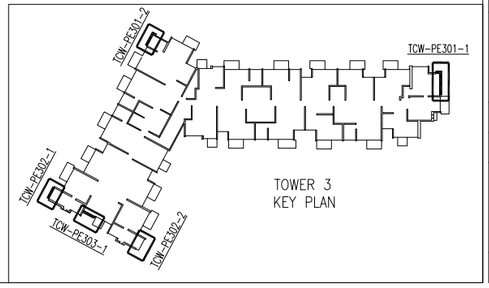
15 / 5003 CAST-IN EMBED LAYOUT PLAN
"TCW-PE302-1" (STARTER)



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



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



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	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.

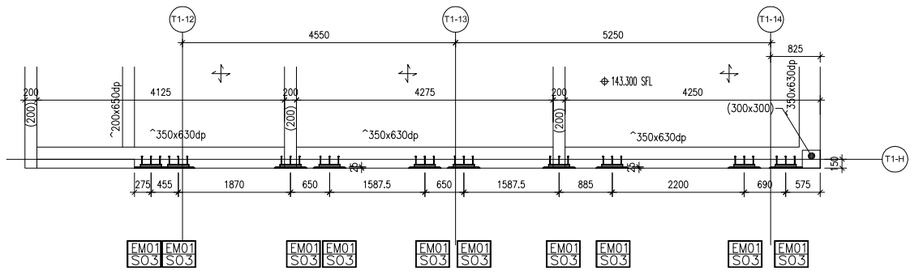
TITLE :
PART PLAN FOR CURTAIN WALL @ TOWER 3 (TYPICAL)

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

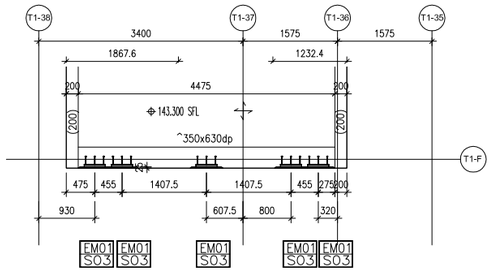
DRAWN BY : C.F | CHECKED BY :

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

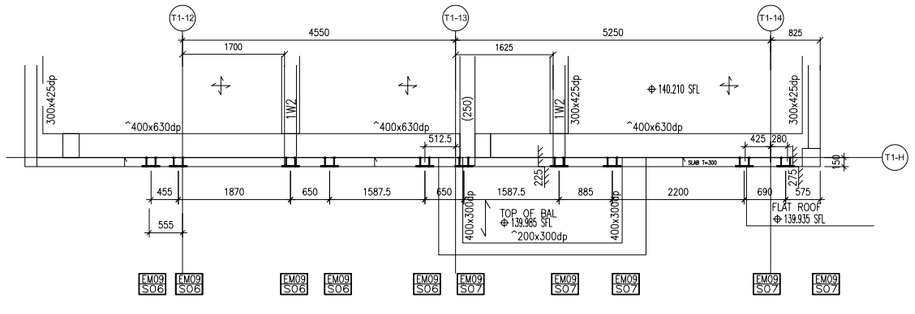
DWG NO. : J856-SD-CW-5003 | REV. : D



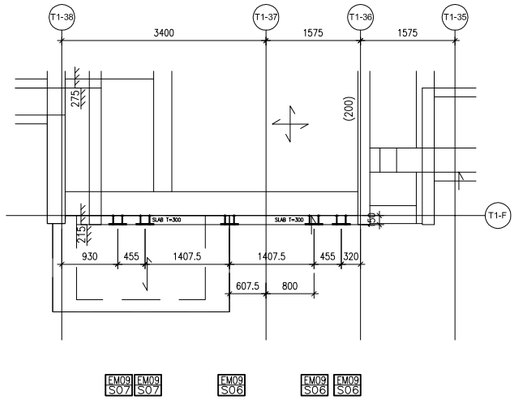
1 5004 CAST-IN EMBED LAYOUT PLAN
"T1-SU-CW1" (TOP FIXING)



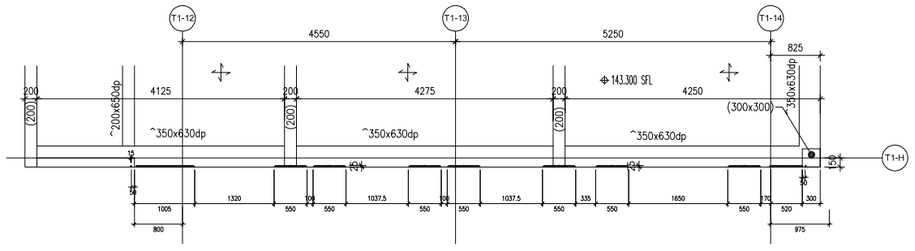
4 5004 CAST-IN EMBED LAYOUT PLAN
"T1-SU-CW2" (TOP FIXING)



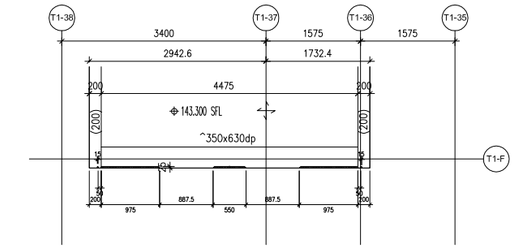
2 5004 CAST-IN EMBED LAYOUT PLAN
"T1-SU-CW1" (STARTER)



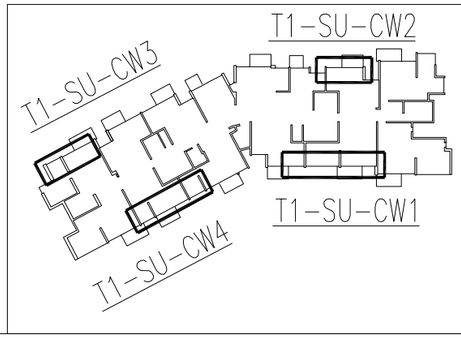
5 5004 CAST-IN EMBED LAYOUT PLAN
"T1-SU-CW2" (STARTER)



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



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



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
–	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.

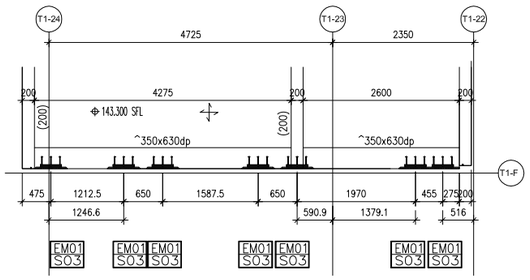
TITLE :
EMBED LAYOUT PLAN
FOR CURTAIN WALL
@ TOWER 1 SU (46/F)

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

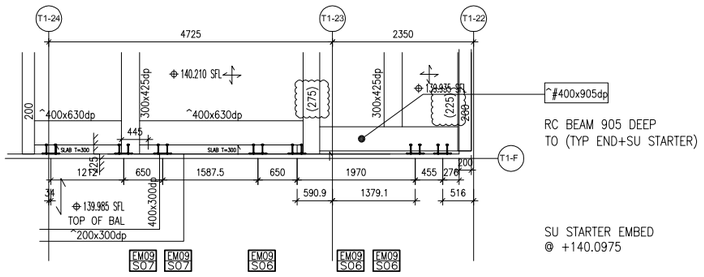
DRAWN BY : C.F | CHECKED BY :

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. : –



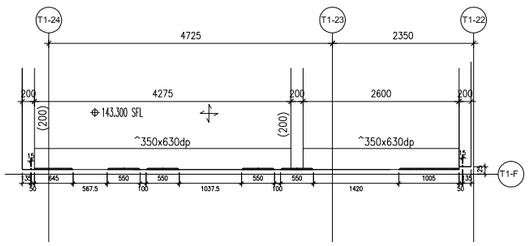
1 5005 *CAST-IN EMBED LAYOUT PLAN*
"T1-SU-CW3" (TOP FIXING)



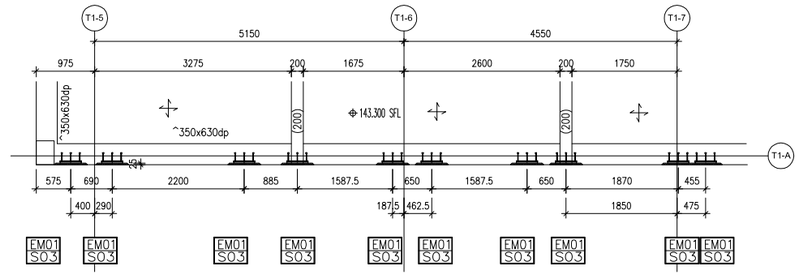
RC BEAM 905 DEEP
TO (TYP END+SU STARTER)

SU STARTER EMBED
@ +140.0975

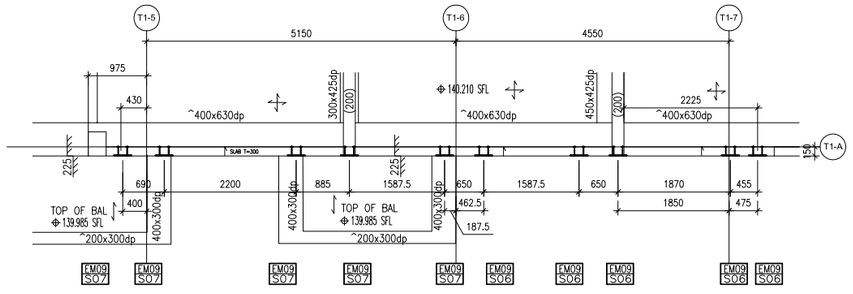
2 5005 *CAST-IN EMBED LAYOUT PLAN*
"T1-SU-CW3" (STARTER)



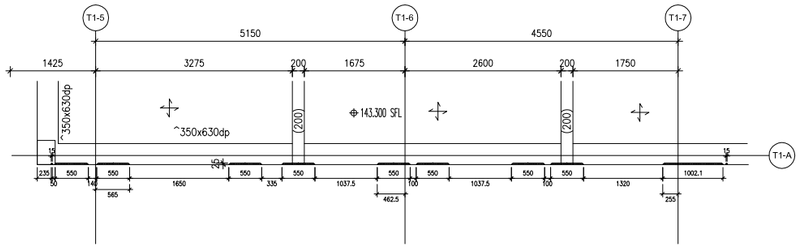
3 5005 *RC RECESS LAYOUT PLAN*
"T1-SU-CW3"



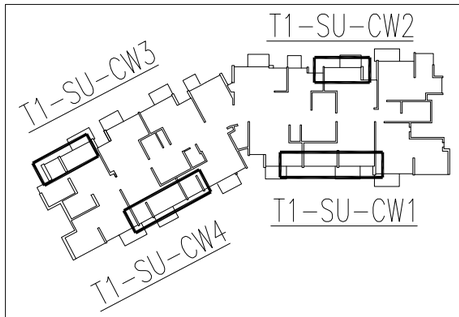
4 5005 *CAST-IN EMBED LAYOUT PLAN*
"T1-SU-CW4" (TOP FIXING)



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



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



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 / 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	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.

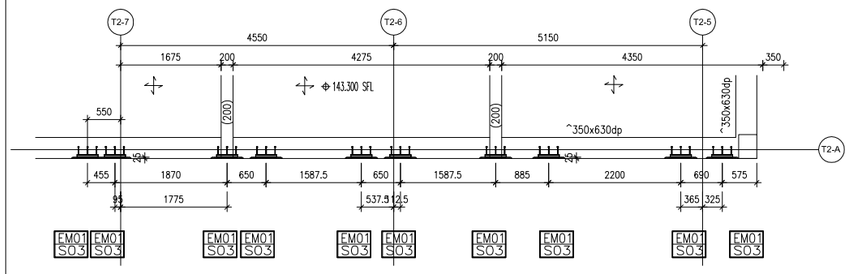
TITLE :
EMBED LAYOUT PLAN
FOR CURTAIN WALL
@ TOWER 1 SU (46/F)

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

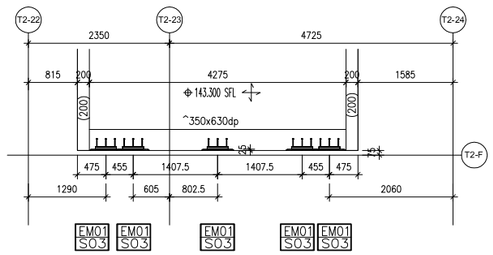
DRAWN BY : C.F | CHECKED BY :

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

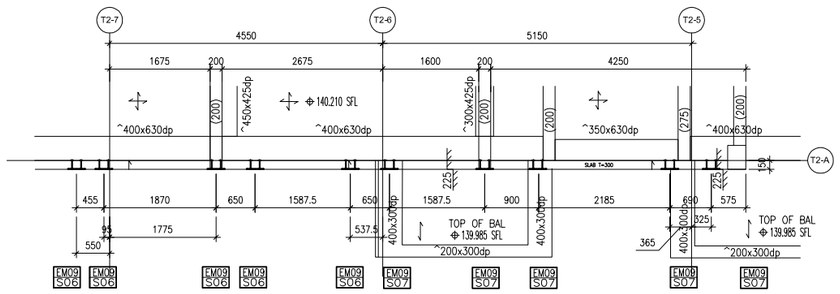
DWG NO. : J856-SD-CW-5005 | REV. : A



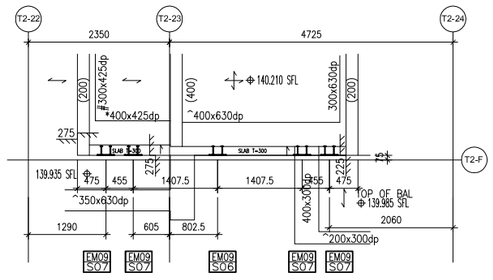
1 5006 *CAST-IN EMBED LAYOUT PLAN*
"T2-SU-CW1" (TOP FIXING)



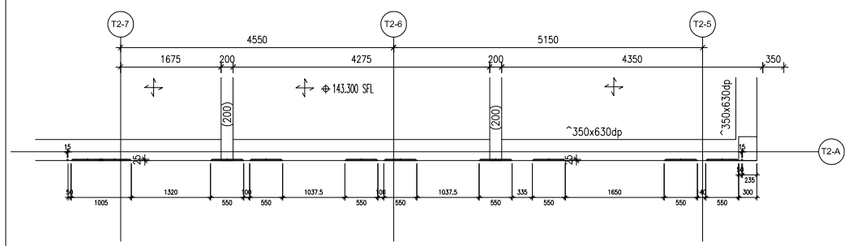
4 5006 *CAST-IN EMBED LAYOUT PLAN*
"T2-SU-CW2" (TOP FIXING)



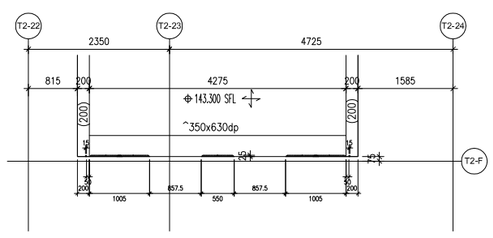
2 5006 *CAST-IN EMBED LAYOUT PLAN*
"T2-SU-CW1" (STARTER)



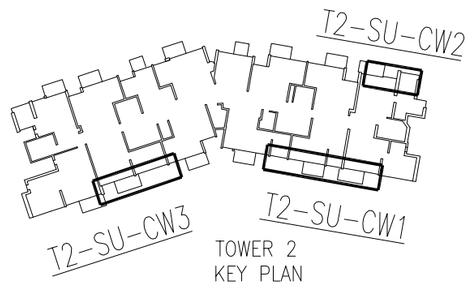
5 5006 *CAST-IN EMBED LAYOUT PLAN*
"T2-SU-CW2" (STARTER)



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



6 5006 *RC RECESS LAYOUT PLAN*
"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

NO.	DATE	REVISED	BY
-	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.

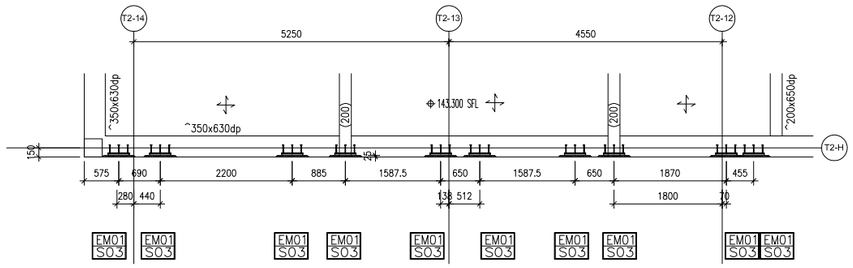
TITLE :
EMBED LAYOUT PLAN
FOR CURTAIN WALL
@ TOWER 2 SU (46/F)

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

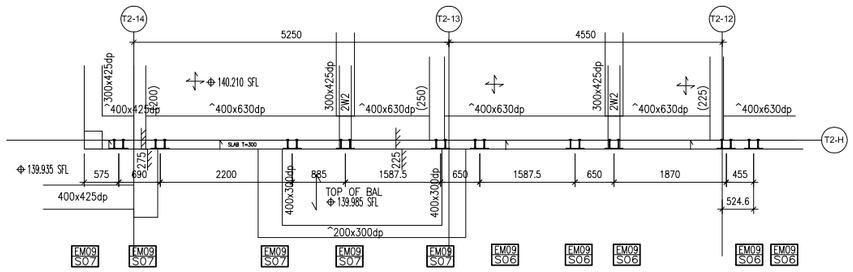
DRAWN BY : C.F | CHECKED BY :

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

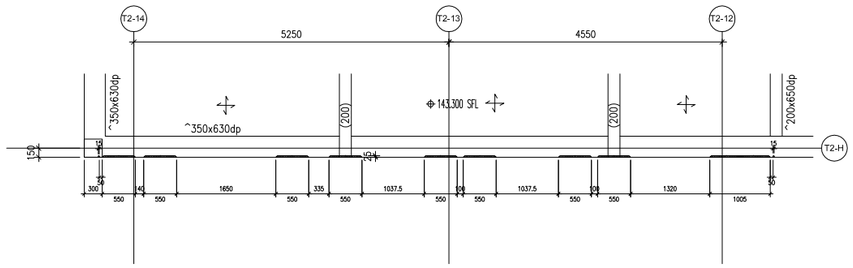
DWG NO. : J856-SD-CW-5006 | REV. : -



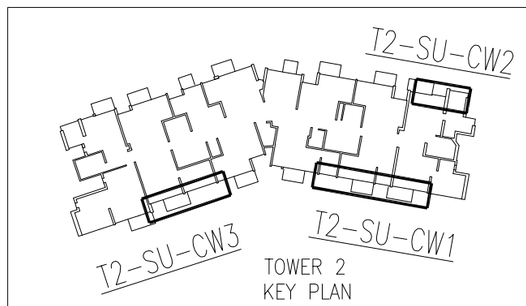
1 5007 *CAST-IN EMBED LAYOUT PLAN*
"T2-SU-CW3" (TOP FIXING)



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



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

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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
–	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.

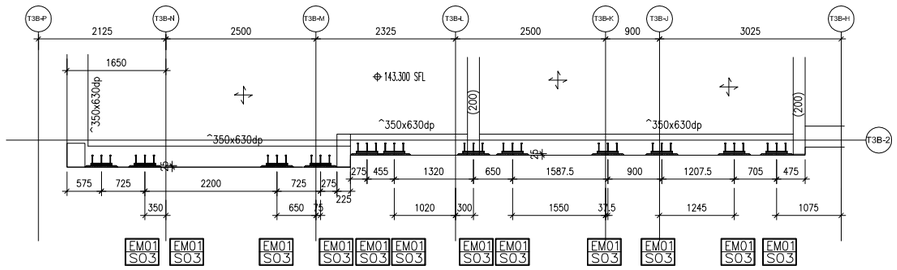
TITLE :
EMBED LAYOUT PLAN
FOR CURTAIN WALL
@ TOWER 2 SU (46/F)

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

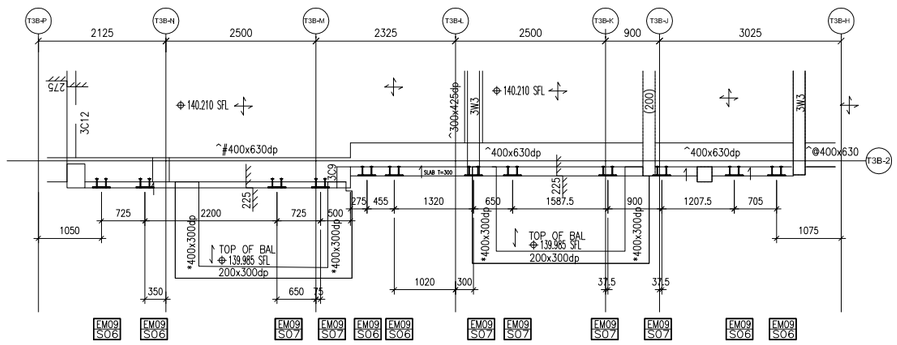
DRAWN BY : C.F | CHECKED BY :

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

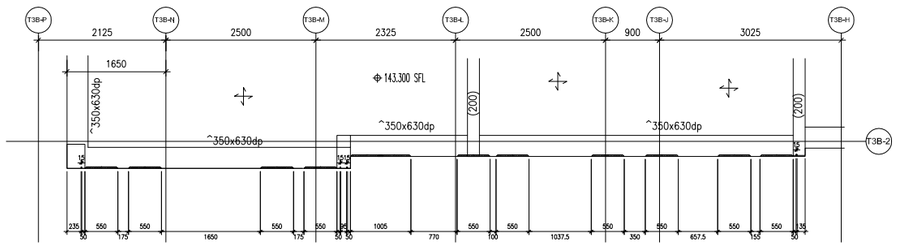
DWG NO. : J856-SD-CW-5007 | REV. : –



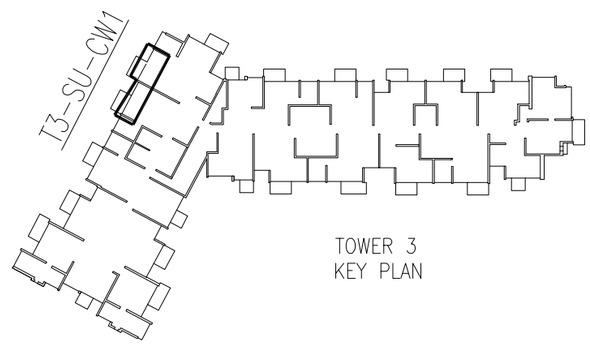
1 5008 *CAST-IN EMBED LAYOUT PLAN*
"T3-SU-CW1" (TOP FIXING)



2 5008 *CAST-IN EMBED LAYOUT PLAN*
"T3-SU-CW1" (STARTER)



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 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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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
-	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.

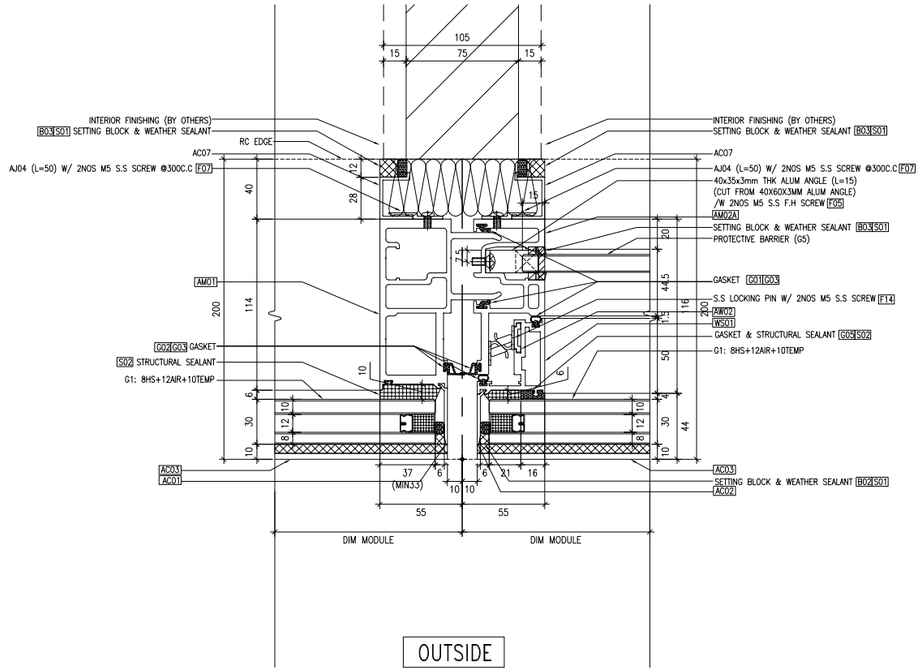
TITLE :
EMBED LAYOUT PLAN
FOR CURTAIN WALL
@ TOWER 3 SU (46/F)

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

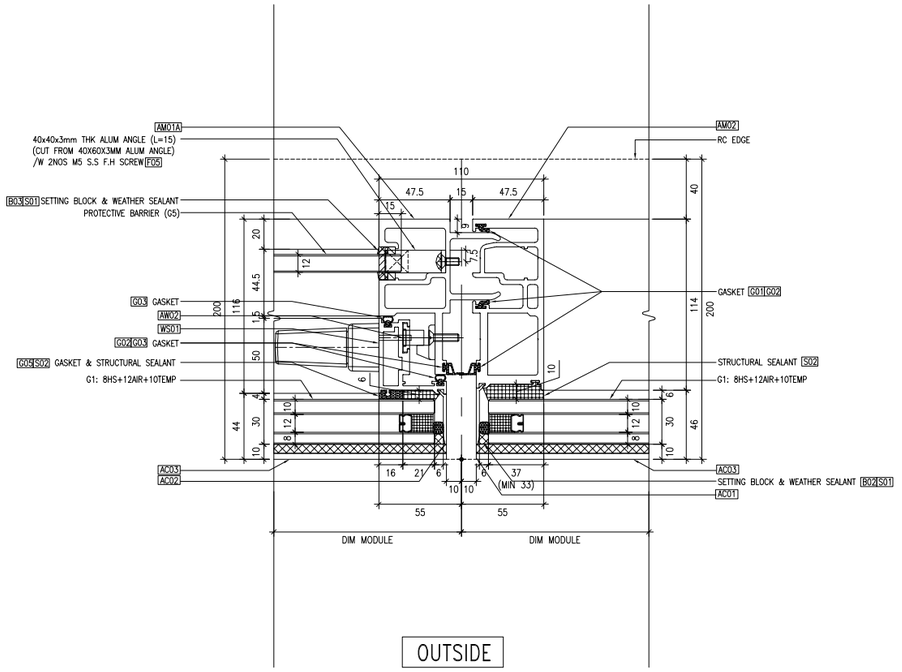
DRAWN BY : C.F | CHECKED BY :

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

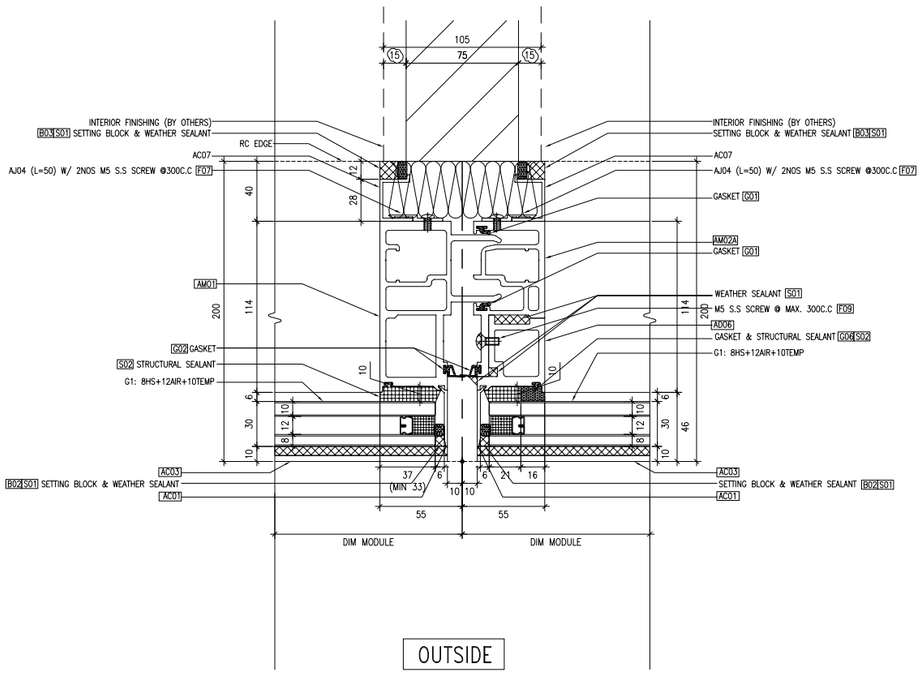
DWG NO. : J856-SD-CW-5008 | REV. : -



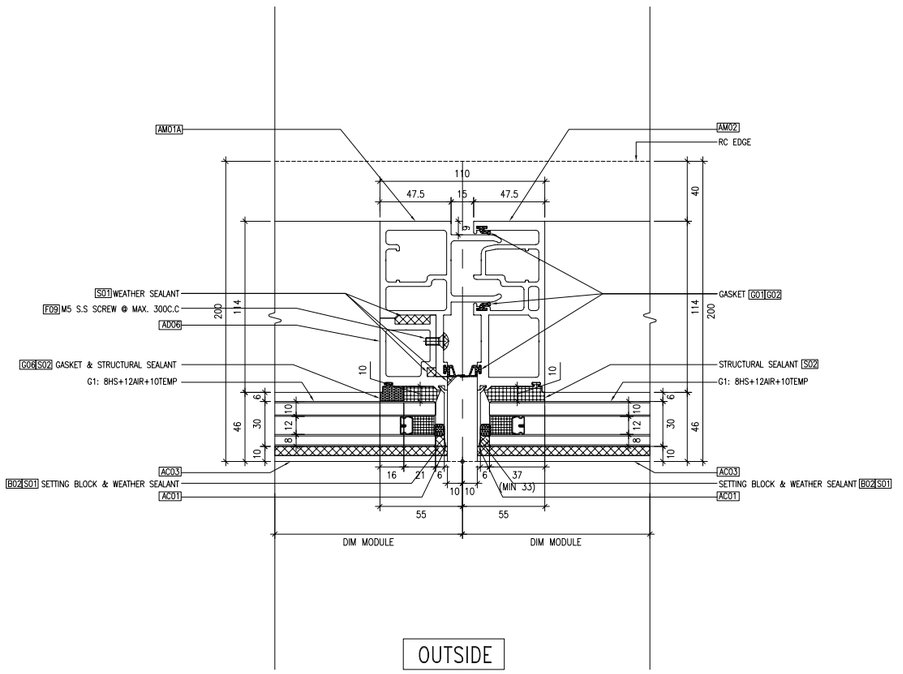
1 8001 *TYPICAL DETAIL OF CURTAIN WALL*



2 8001 *TYPICAL DETAIL OF CURTAIN WALL*



3 8001 *TYPICAL DETAIL OF CURTAIN WALL*



4 8001 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

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 / 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
		NO CHANGE	
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.

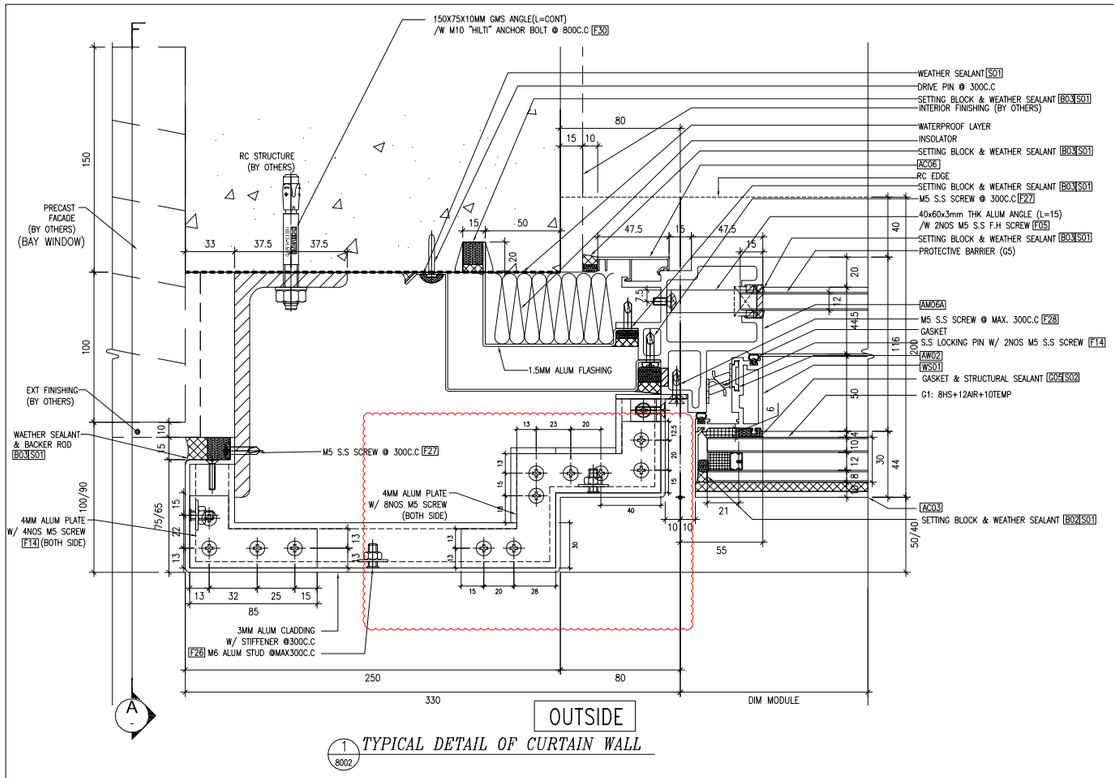
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

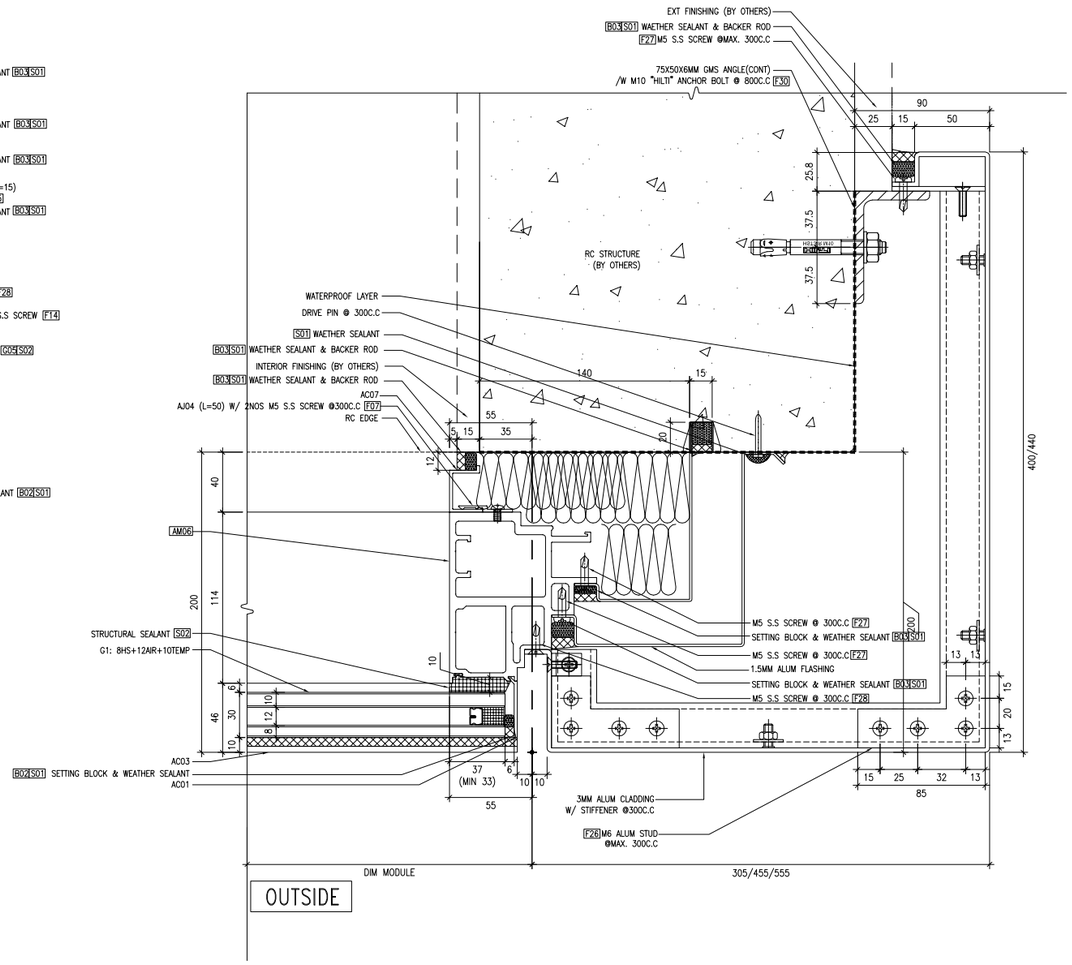
DRAWN BY : C.F | CHECKED BY :

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

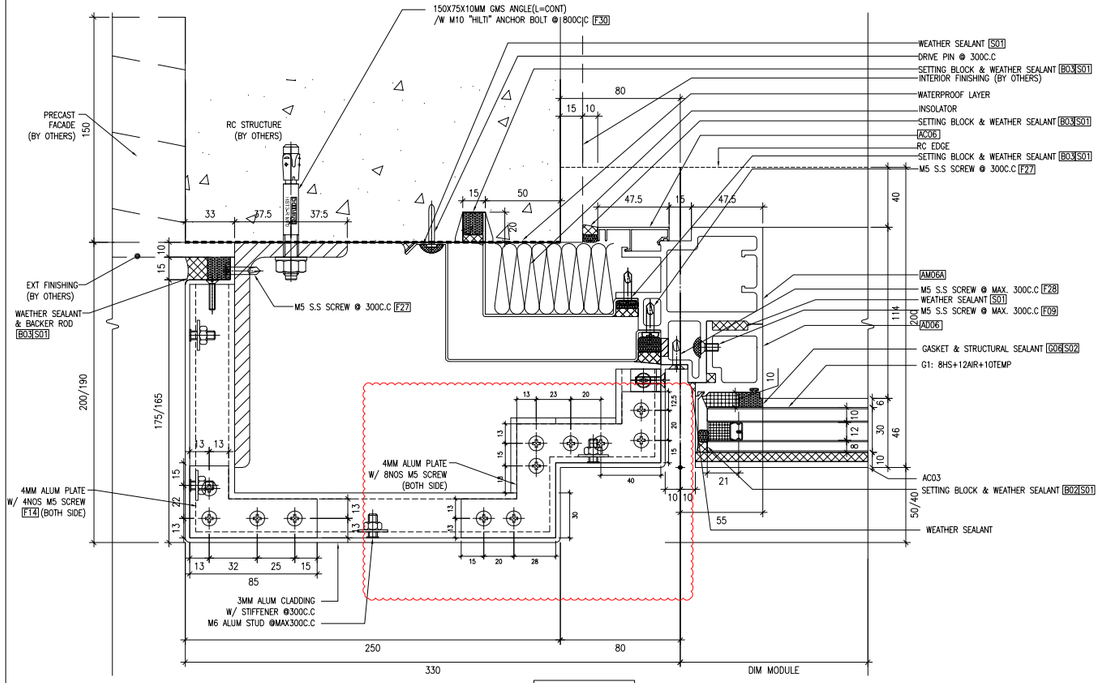
DWG NO. : J856-SD-CW-8001 | REV. : A



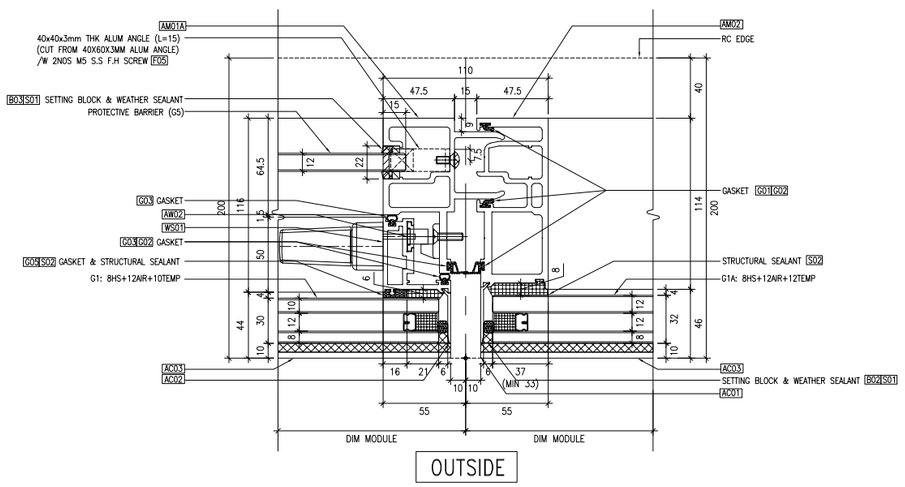
1 / 8002 *TYPICAL DETAIL OF CURTAIN WALL*



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 :

ADD SCREW @ STIFFENER TURNING

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

#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.

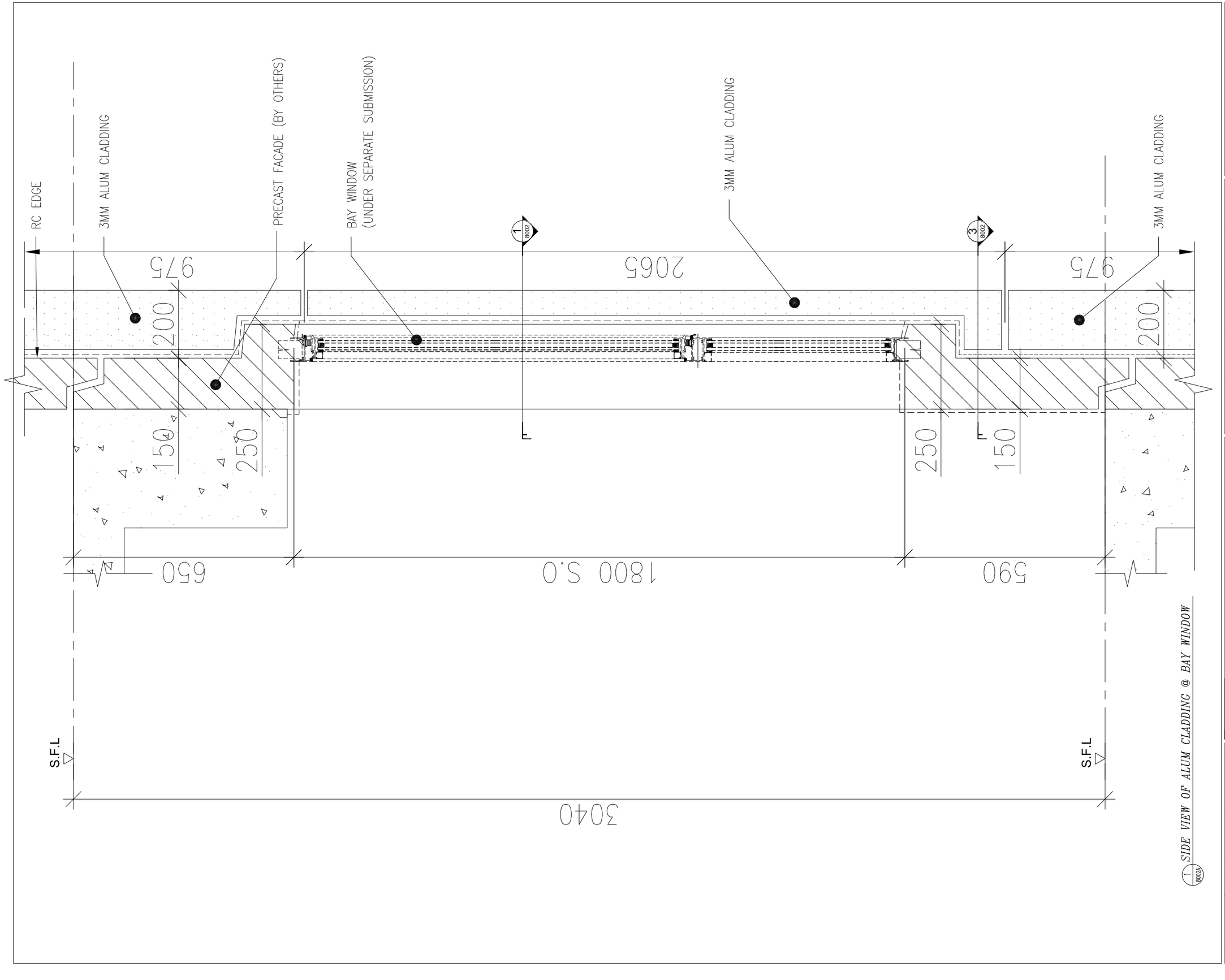
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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-8002 | REV. : D



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

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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
		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.

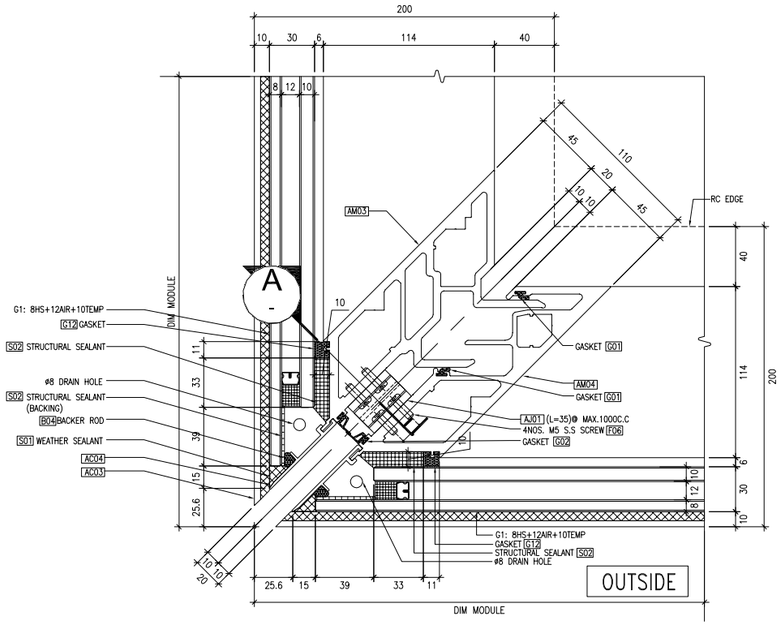
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

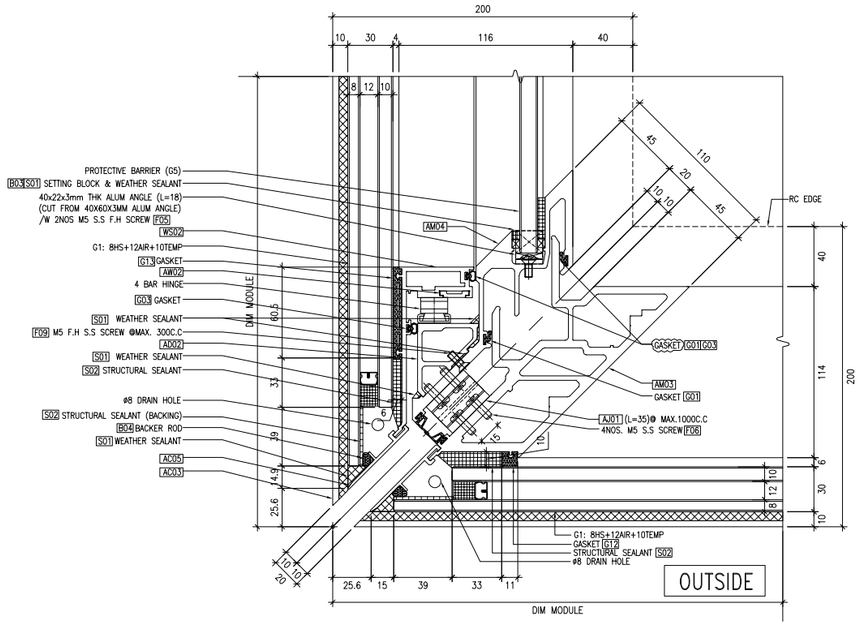
DRAWN BY : C.F | CHECKED BY :

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

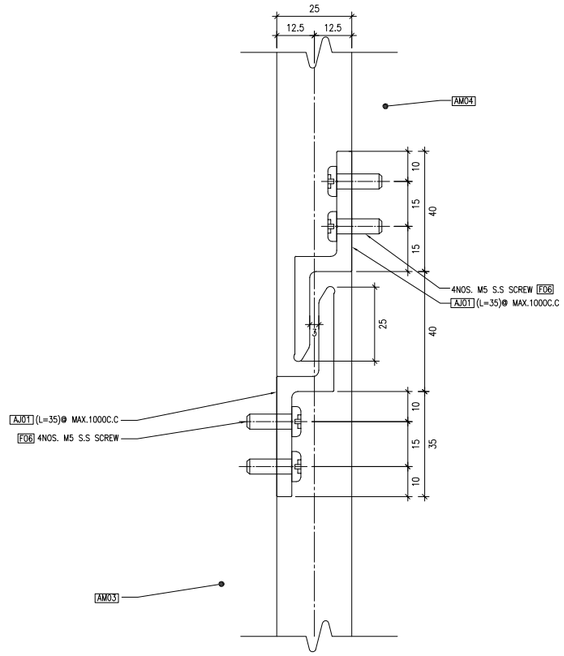
DWG NO. : J856-SD-CW-8002A | REV. : –



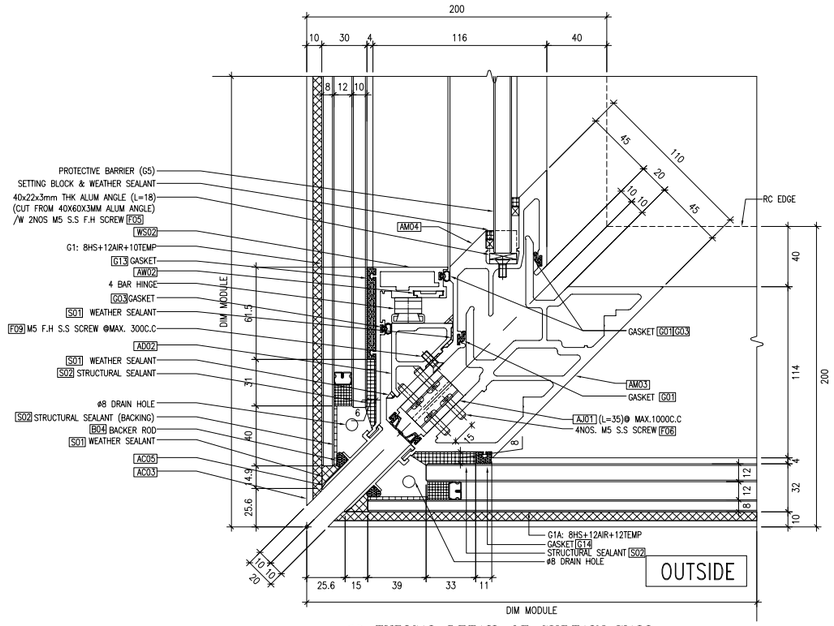
1 8003 *TYPICAL DETAIL OF CURTAIN WALL*



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 :

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 :
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.

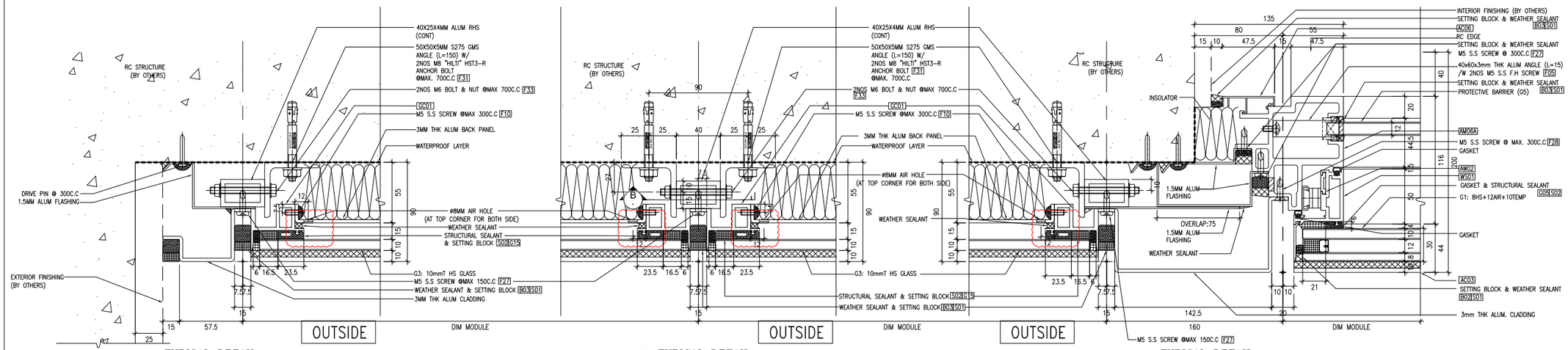
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

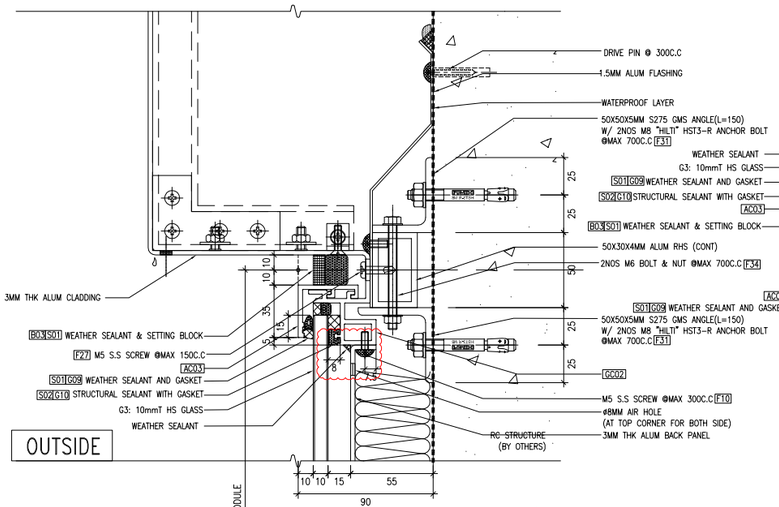
DWG NO. : J856-SD-CW-8003 | REV. : A



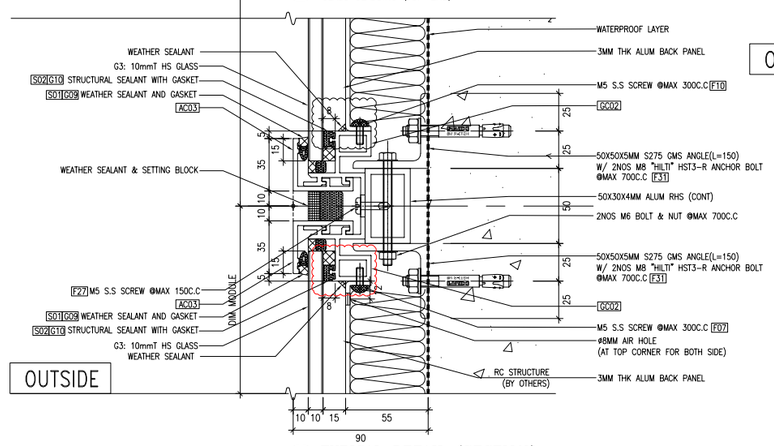
1 8004 *TYPICAL DETAIL* GLASS CLADDING (SIDE)

2 8004 *TYPICAL DETAIL* GLASS CLADDING

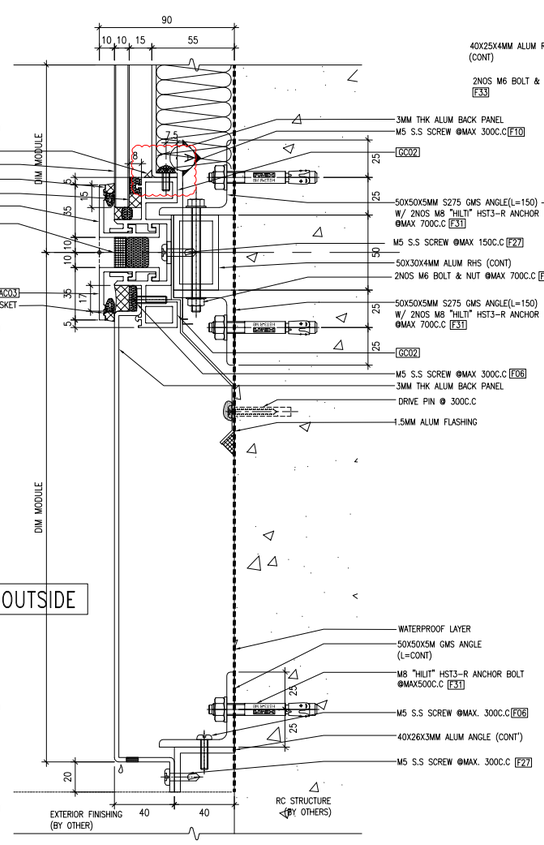
3 8004 *TYPICAL DETAIL* GLASS CLADDING



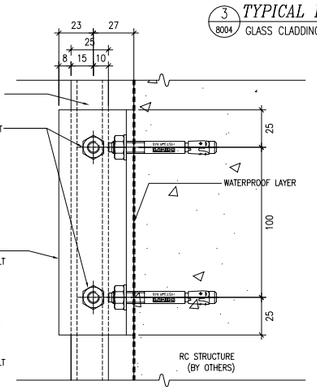
4 8004 *TYPICAL DETAIL (SECTION)* GLASS CLADDING (TOP-END)



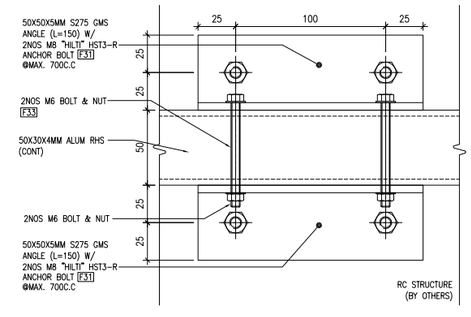
5 8004 *TYPICAL DETAIL (SECTION)* GLASS CLADDING



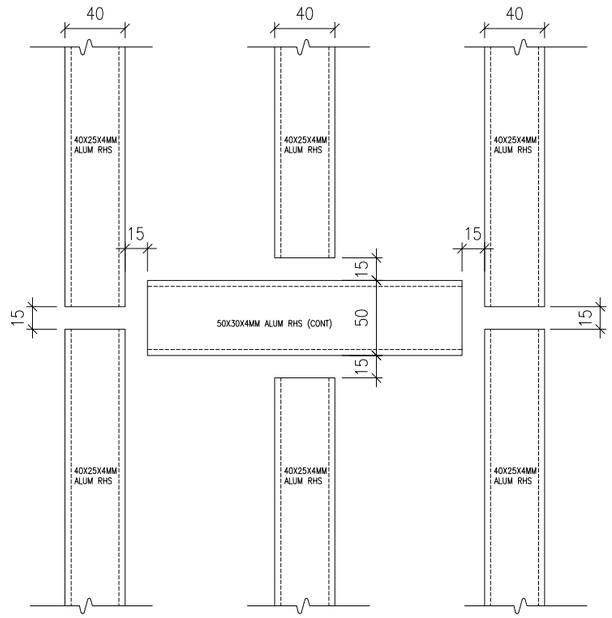
6 8004 *TYPICAL DETAIL (SECTION)* GLASS CLADDING (BOTTOM-END)



A 8004 *SECTION*



B 8004 *SECTION*



7 8004 *HOLLOW ALLOCATION* GLASS CLADDING

B.D. REF :

ADD WEATHER SEALANT

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
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.

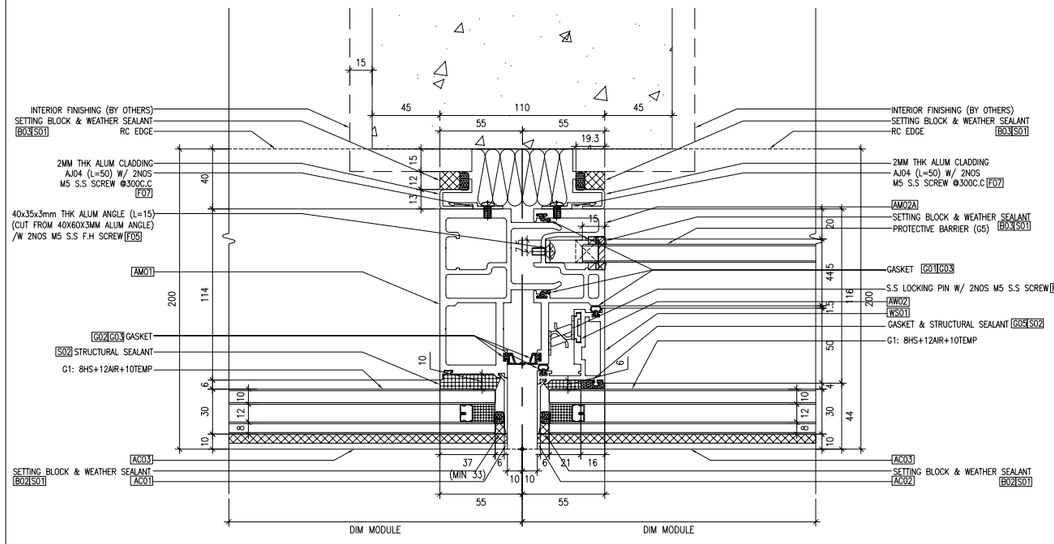
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

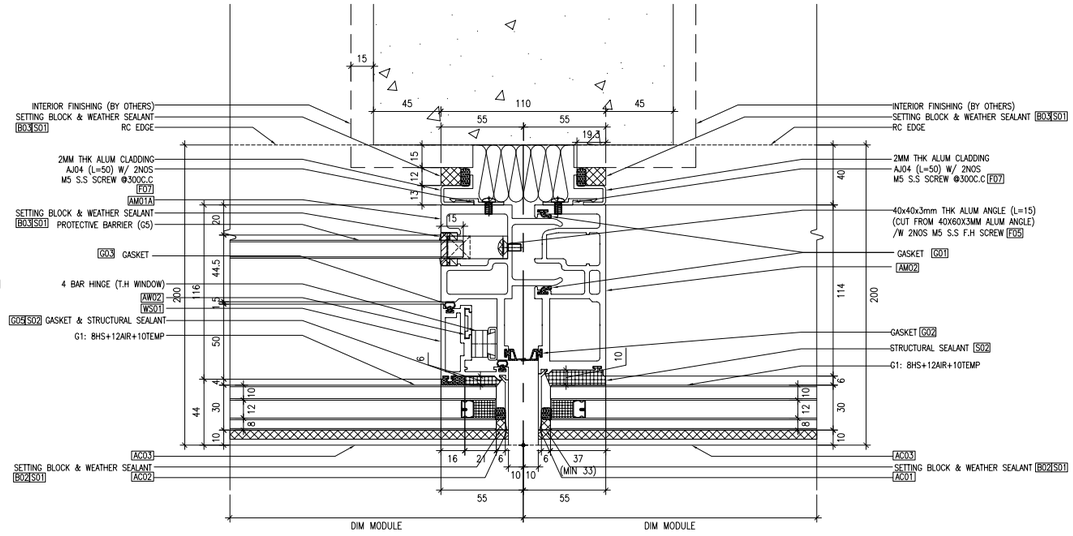
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

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



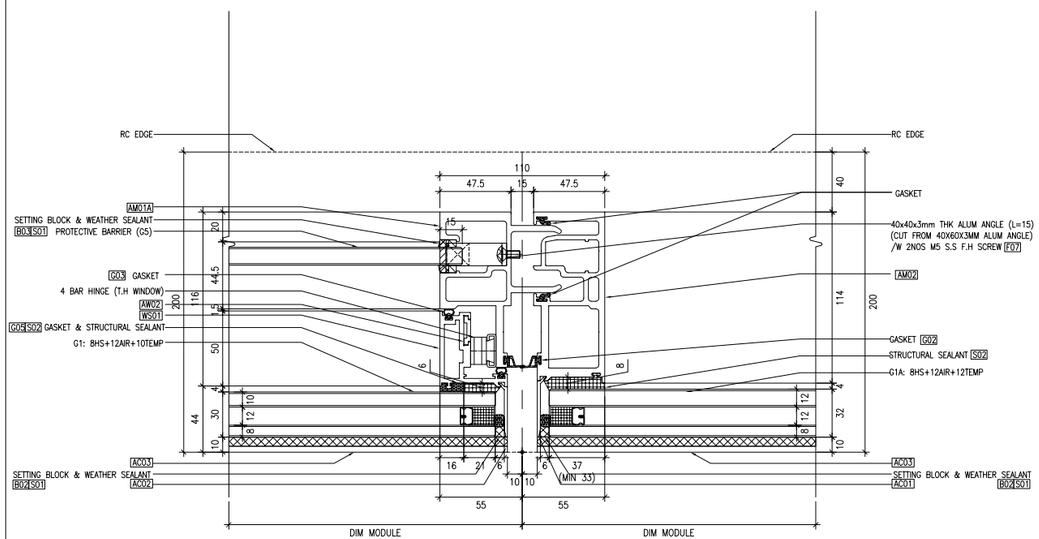
OUTSIDE

1 8005 *TYPICAL DETAIL OF CURTAIN WALL*



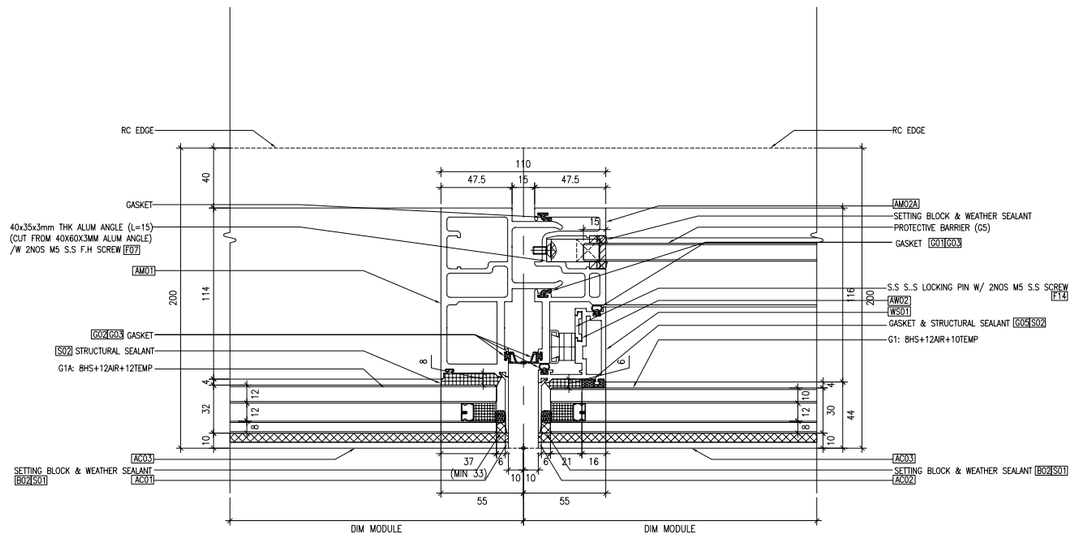
OUTSIDE

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.

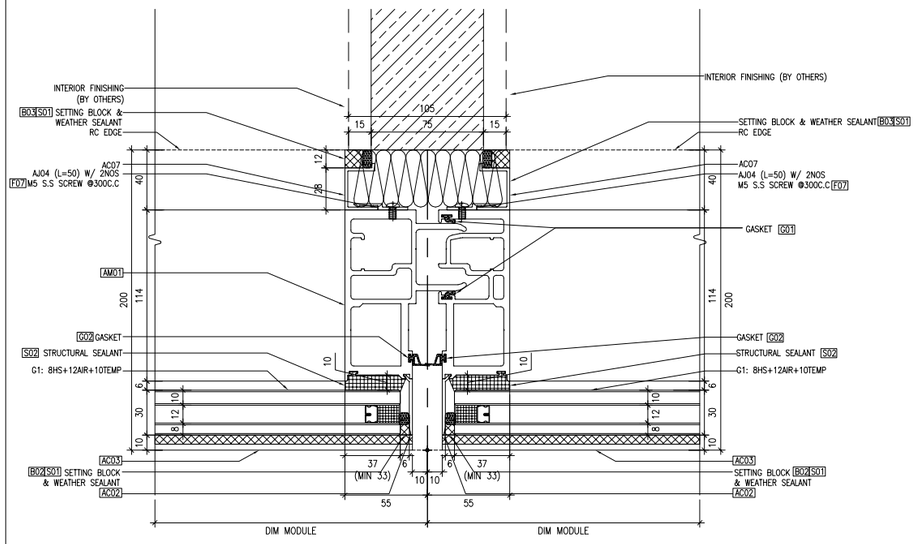
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

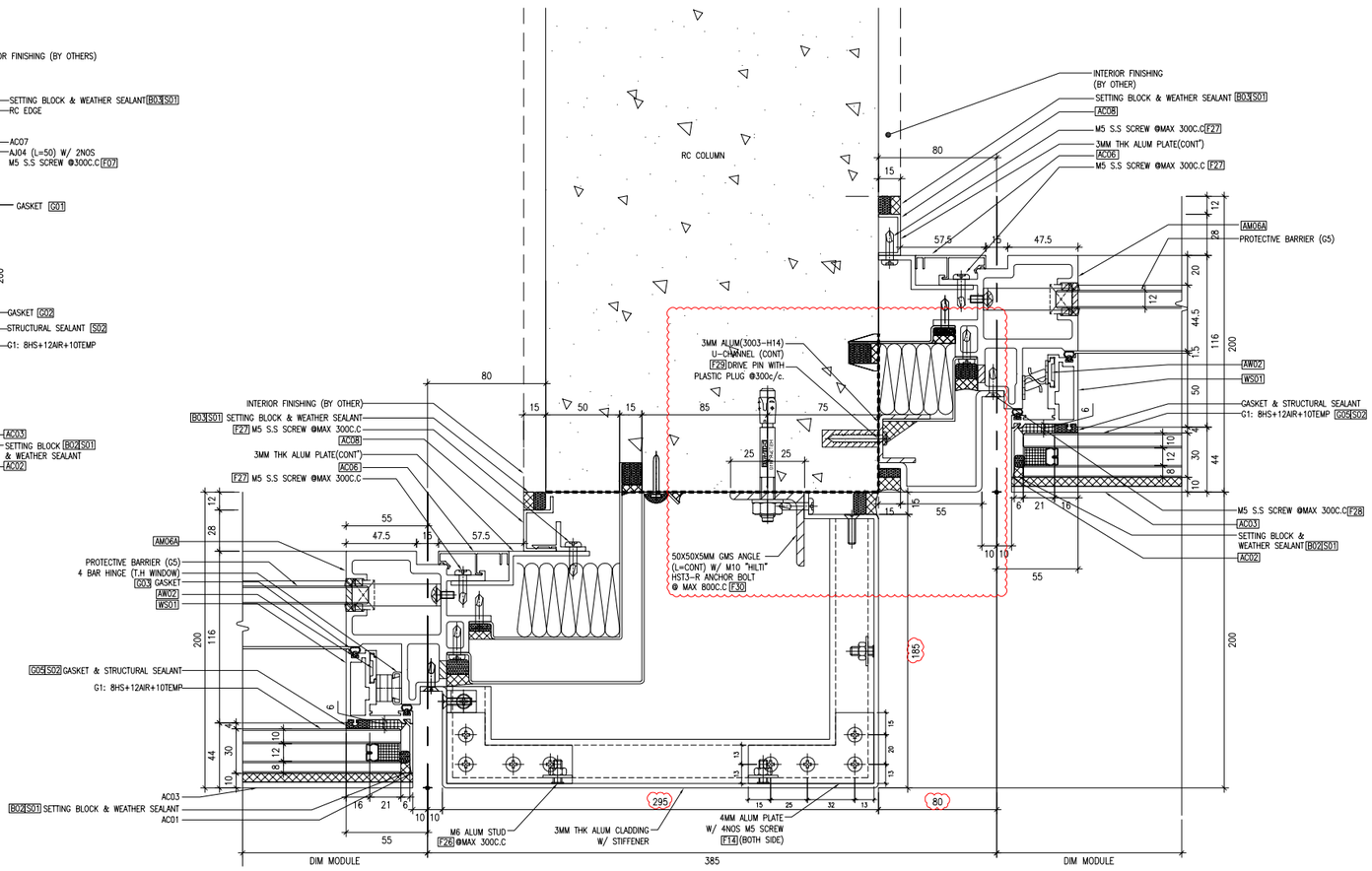
DRAWN BY : C.F | CHECKED BY :

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

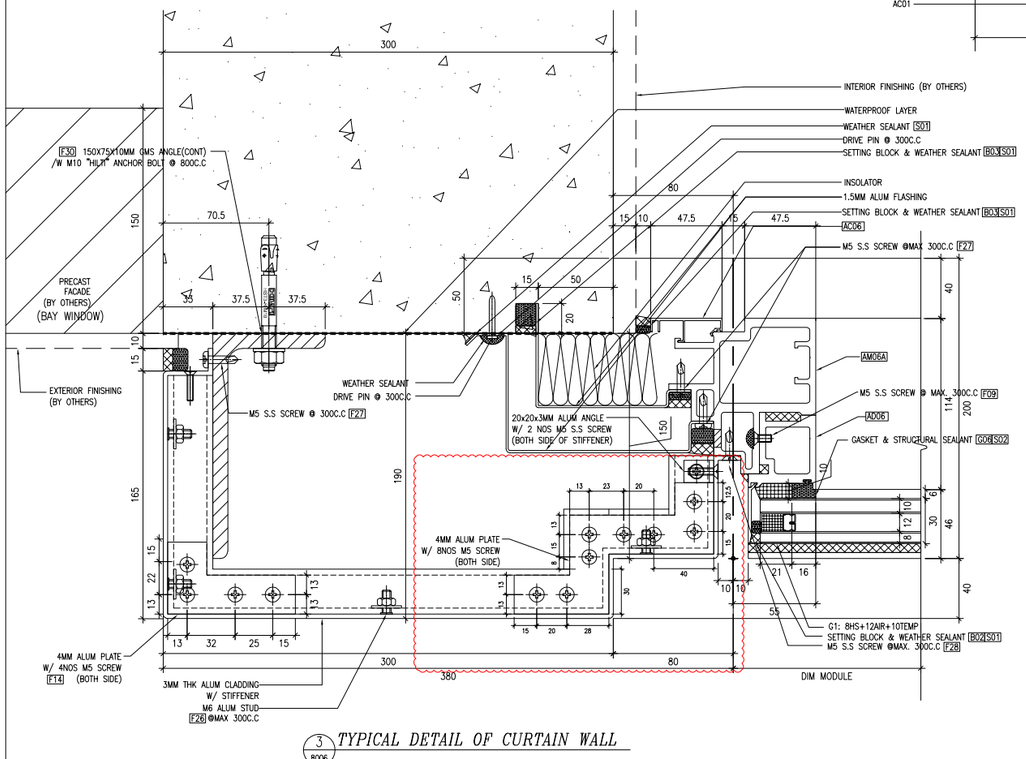
DWG NO. : J856-SD-CW-8005 | REV. : B



1 8006 *TYPICAL DETAIL OF CURTAIN WALL*



2 8006 *TYPICAL DETAIL OF CURTAIN WALL*



3 8006 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

ADD SCREW @ STIFFENER TURNING

ADJUST CLADDING PROFILE FOR 2/8006 AS (3/8007 + 6/8008A)

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: 3 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.

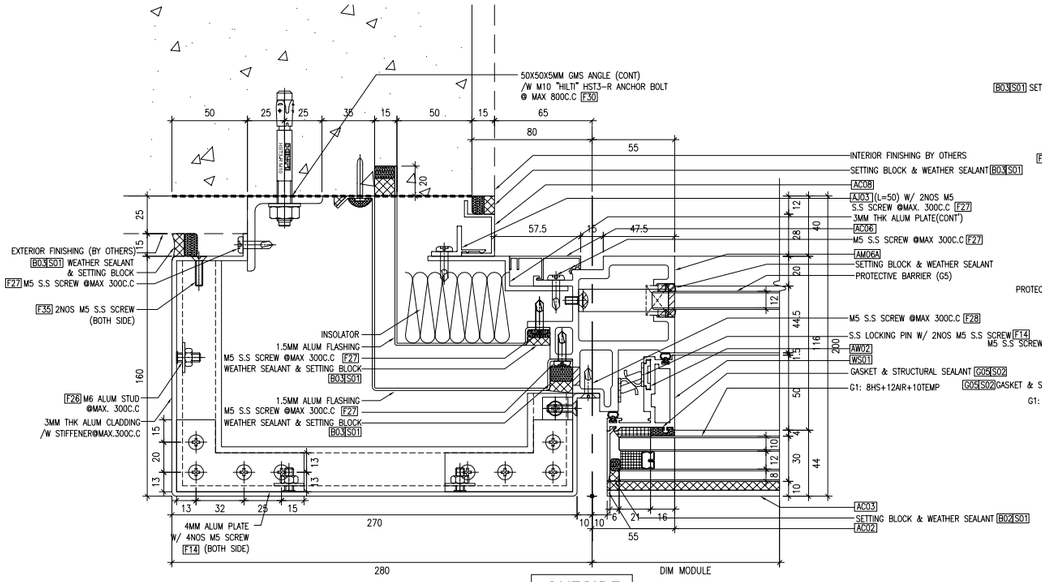
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

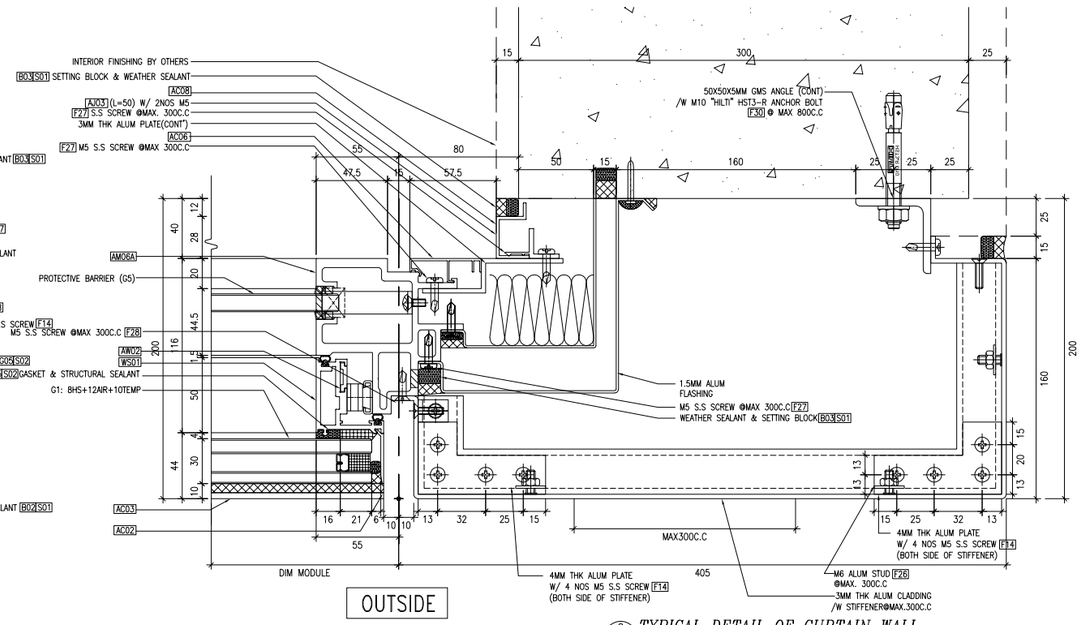
DRAWN BY : C.F | CHECKED BY :

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

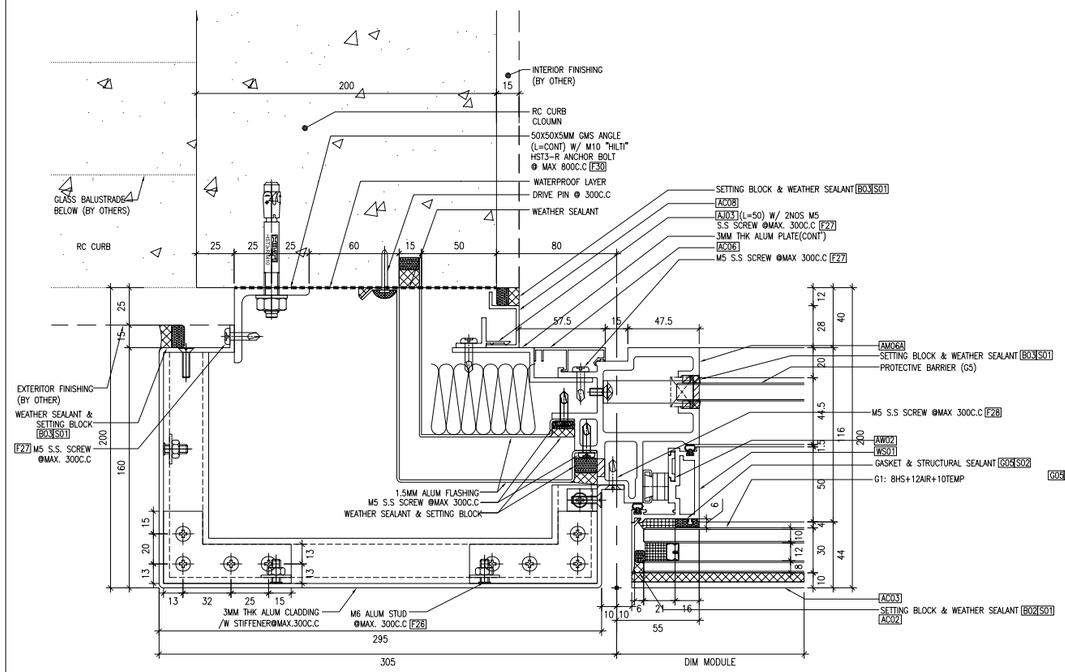
DWG NO. : J856-SD-CW-8006 | REV. : E



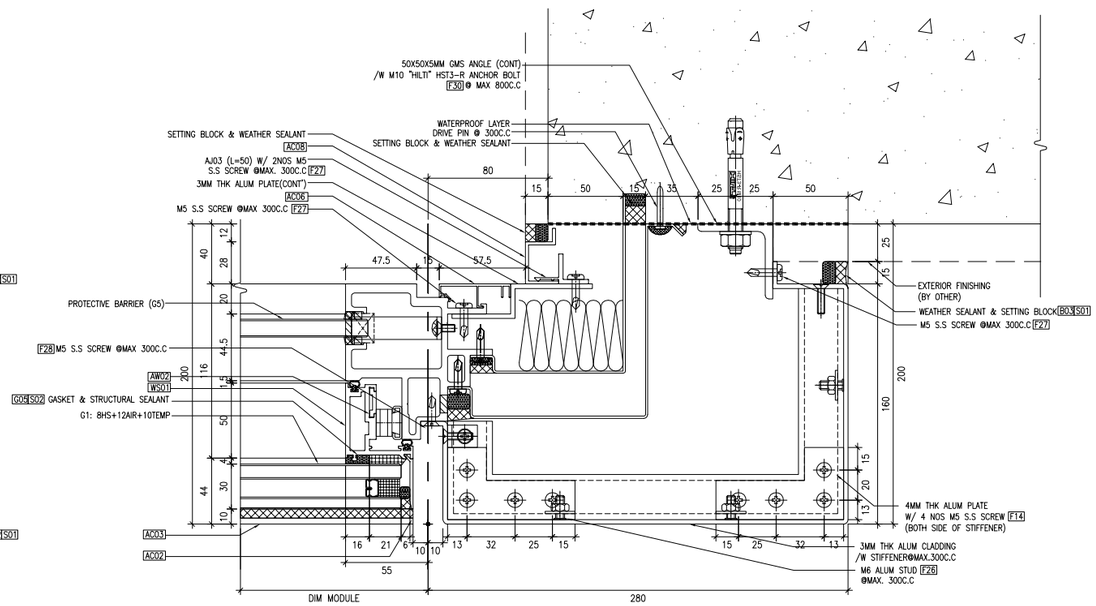
1 8007 *TYPICAL DETAIL OF CURTAIN WALL*



2 8007 *TYPICAL DETAIL OF CURTAIN WALL*



3 8007 *TYPICAL DETAIL OF CURTAIN WALL*



4 8007 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

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 / 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.

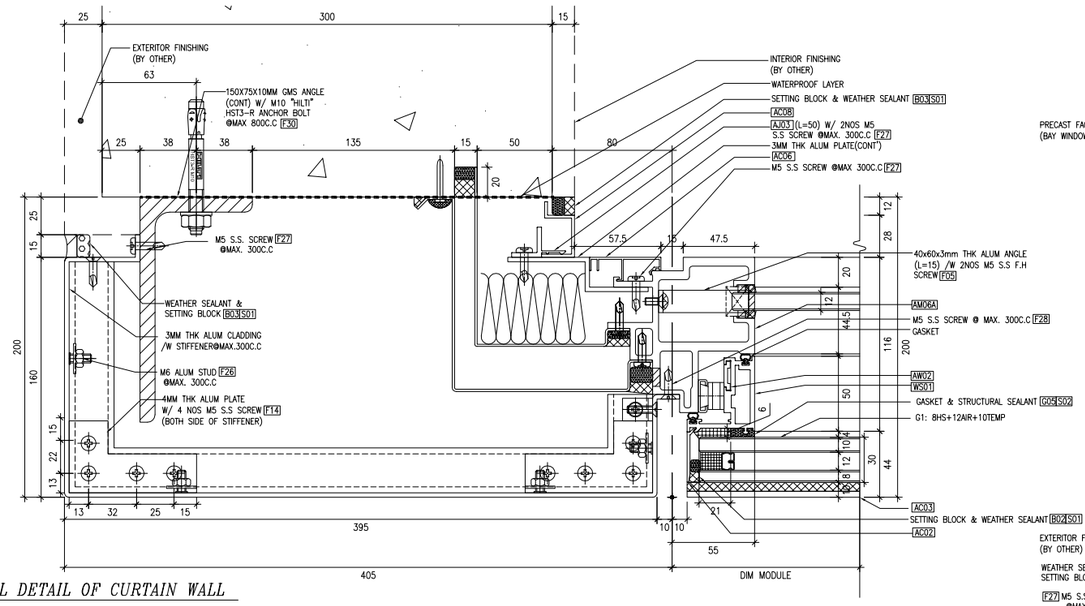
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

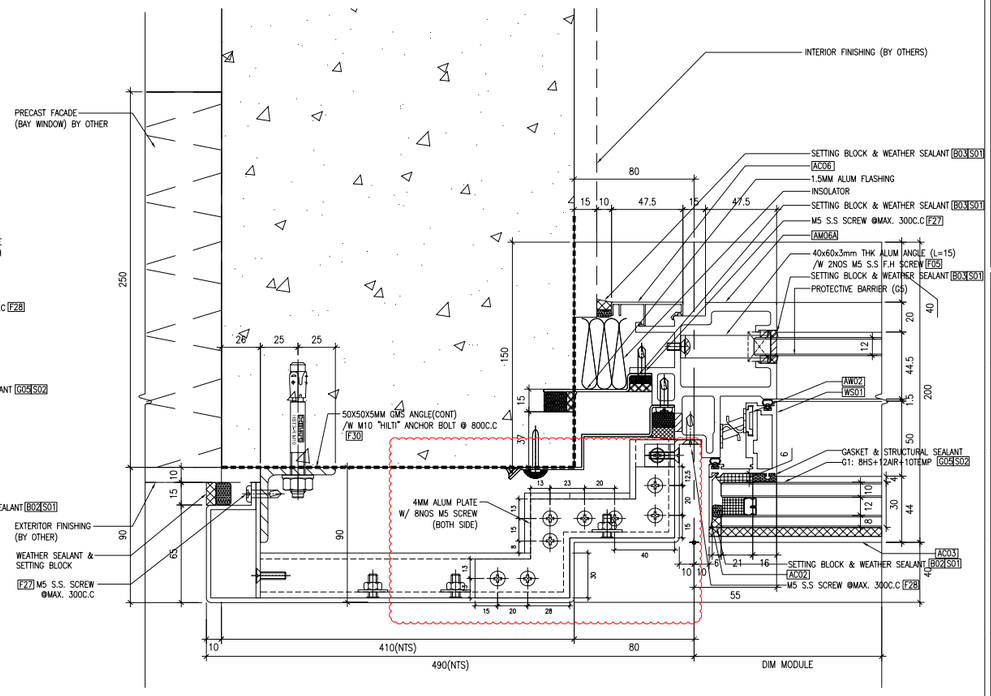
DRAWN BY : C.F | CHECKED BY :

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

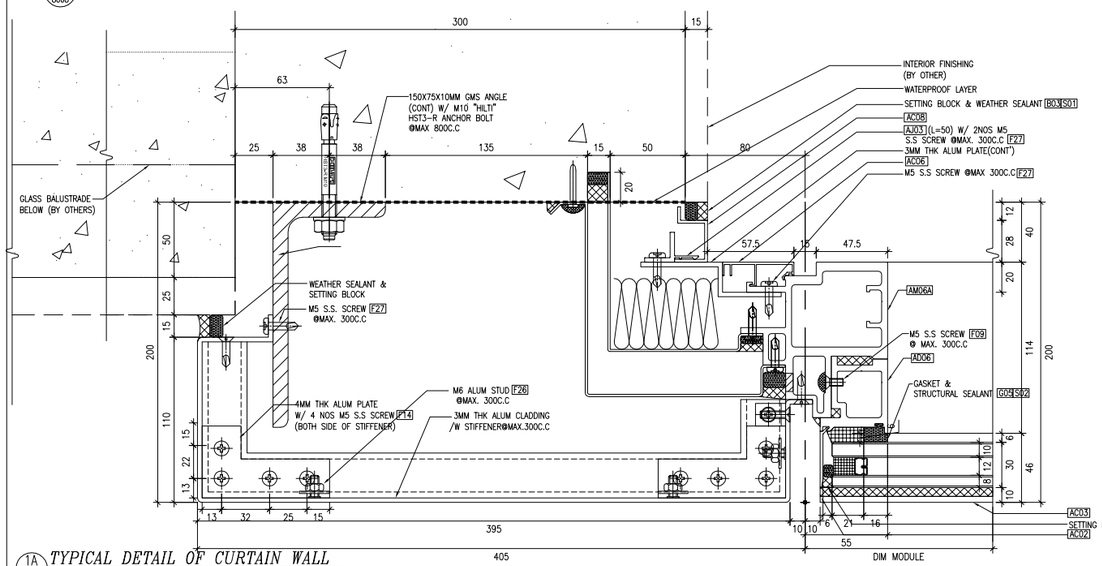
DWG NO. : J856-SD-CW-8007 | REV. : C



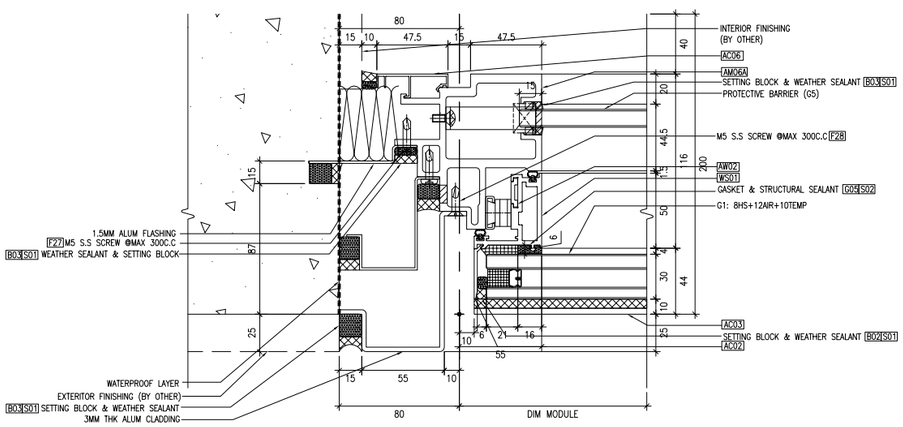
1 8008 *TYPICAL DETAIL OF CURTAIN WALL*



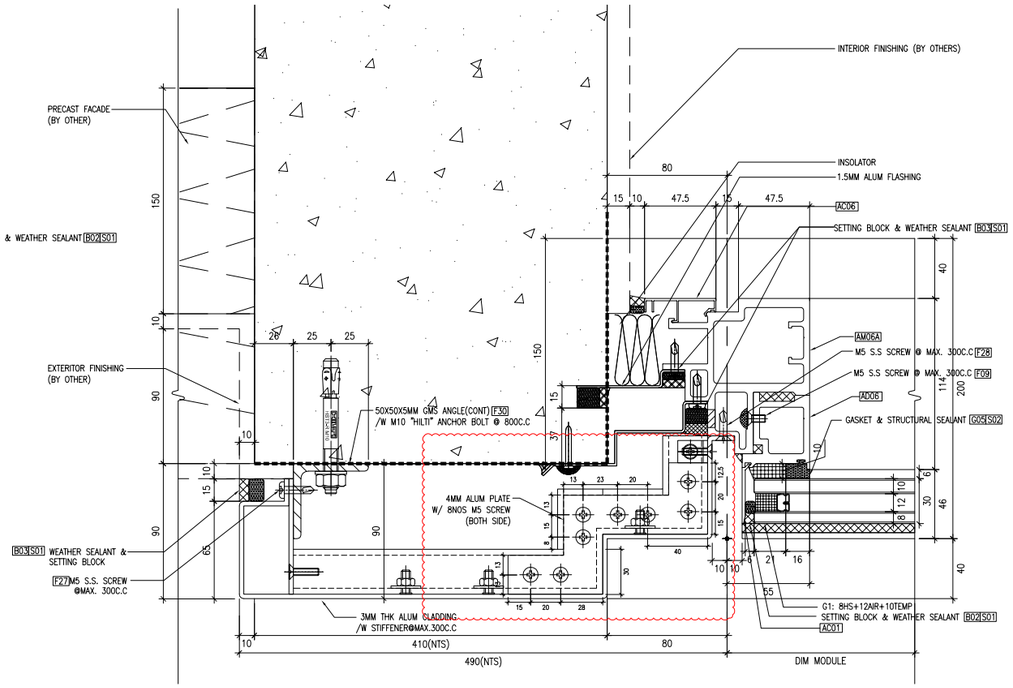
3 8008 *TYPICAL DETAIL OF CURTAIN WALL*



1A 8008 *TYPICAL DETAIL OF CURTAIN WALL*



2 8008 *TYPICAL DETAIL OF CURTAIN WALL*



3A 8008 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

ADD SCREW @ STIFFENER TURNING

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.

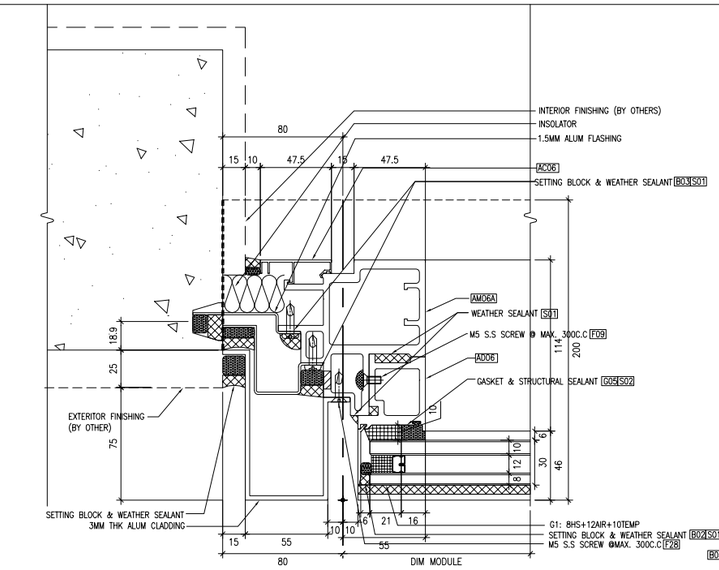
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

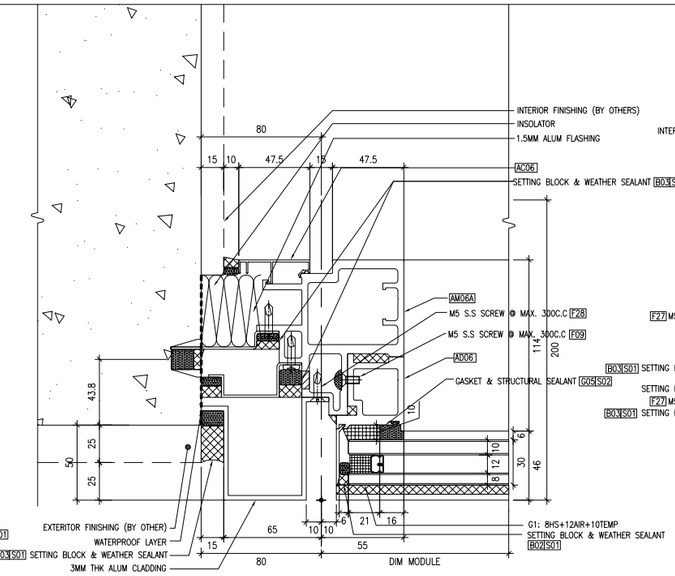
DRAWN BY : C.F | CHECKED BY :

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

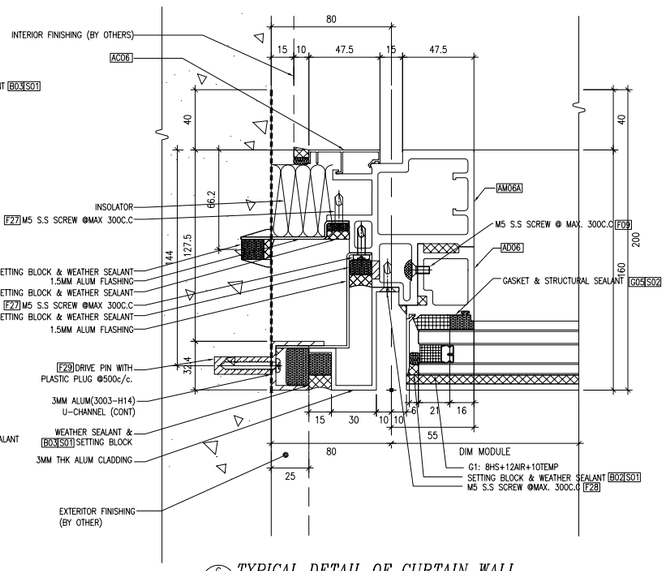
DWG NO. : J856-SD-CW-8008 | REV. : D



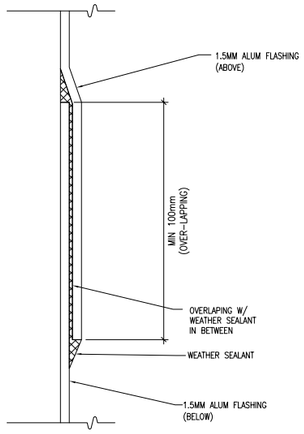
1 / 8008A *TYPICAL DETAIL OF CURTAIN WALL*



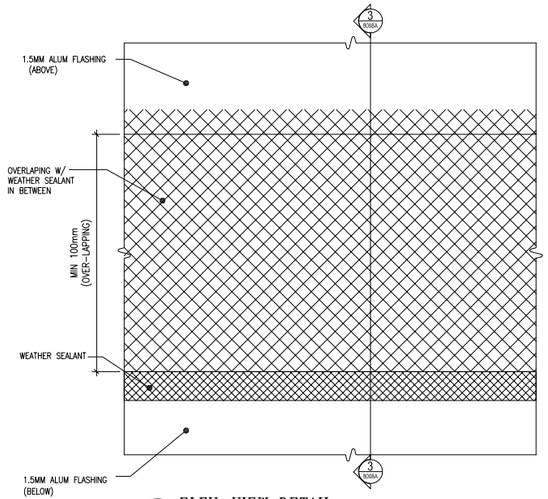
2 / 8008A *TYPICAL DETAIL OF CURTAIN WALL*



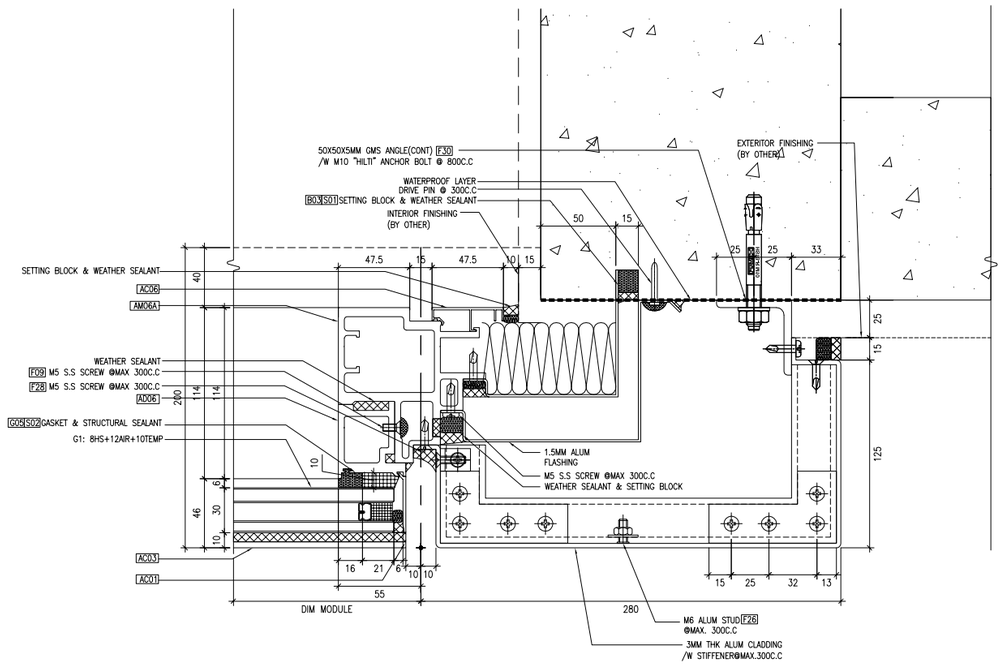
6 / 8008A *TYPICAL DETAIL OF CURTAIN WALL*



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 :

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 :
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	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.

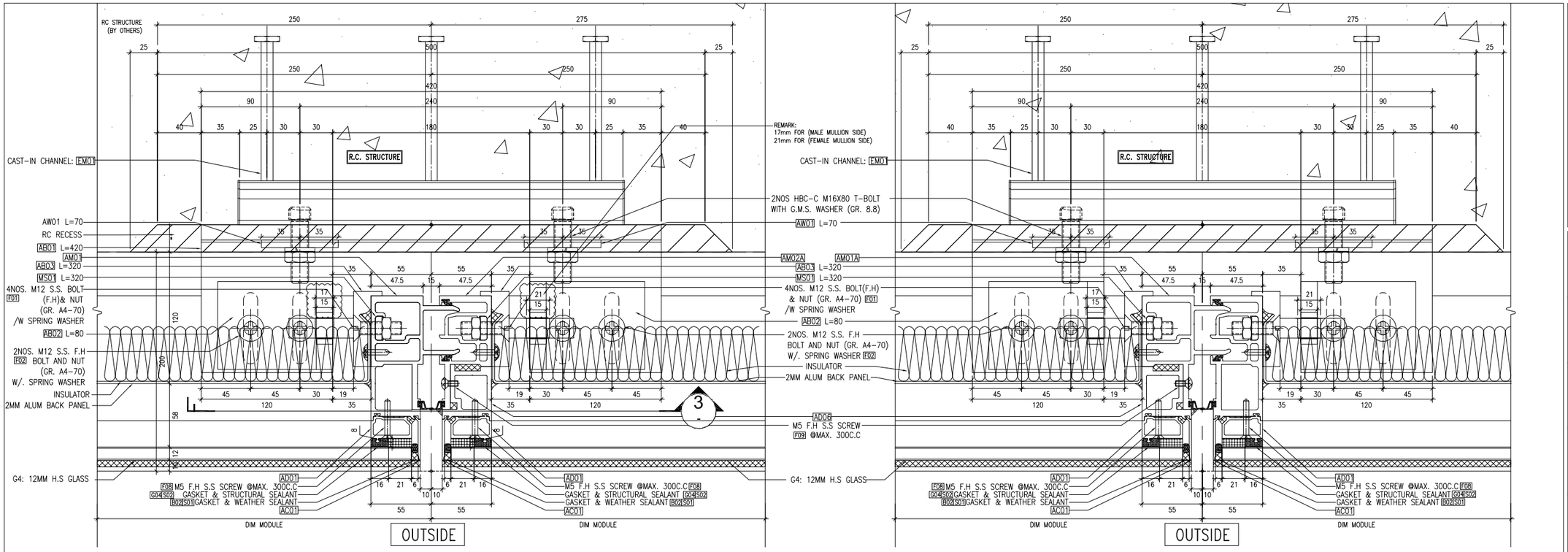
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

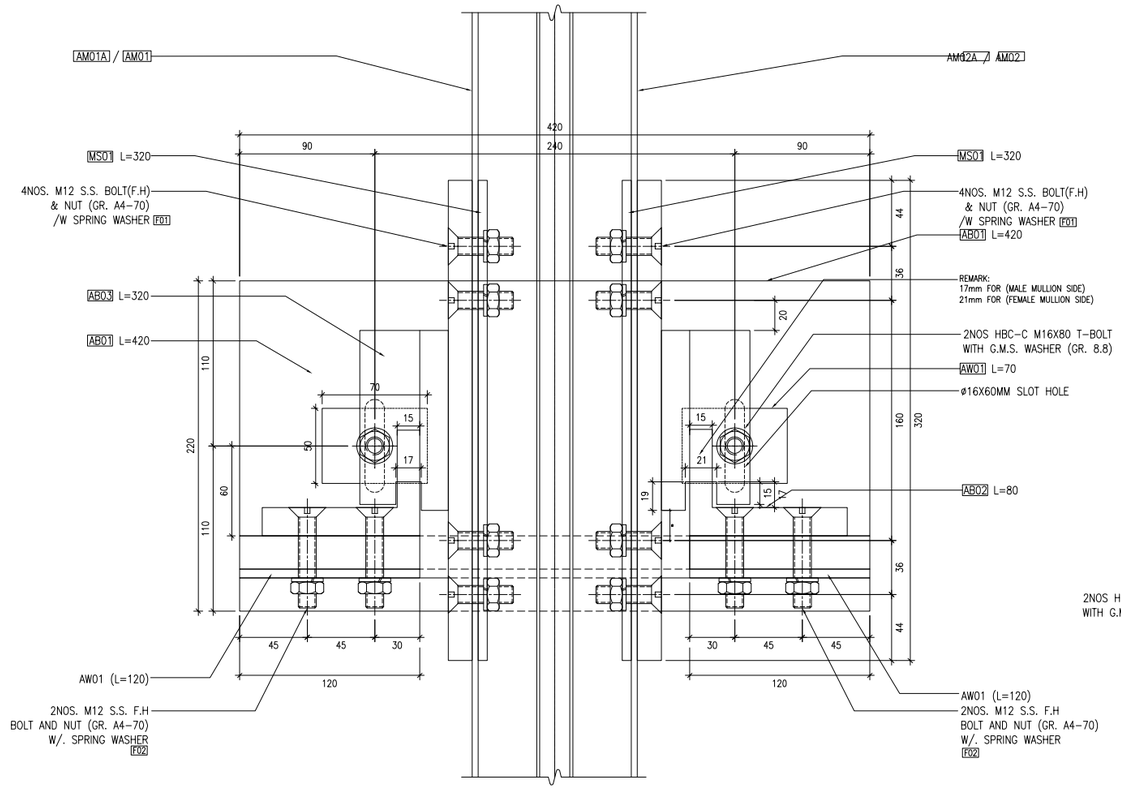
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8008A | REV. : B

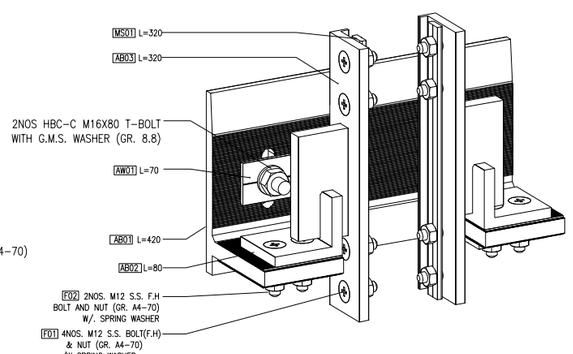


1 8009 *TYPICAL DETAIL OF CURTAIN WALL*

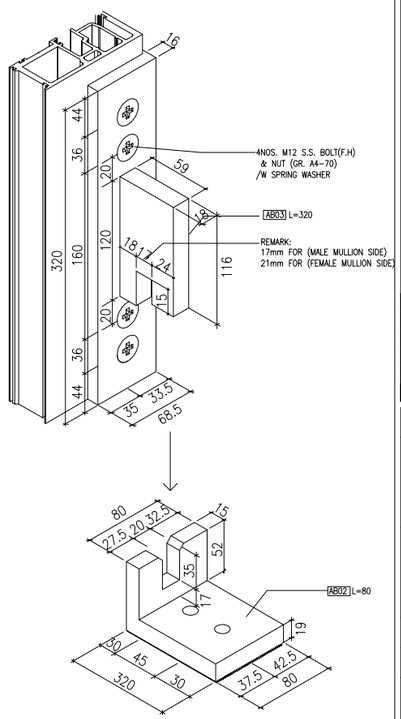
2 8009 *TYPICAL DETAIL OF CURTAIN WALL*



3 8009 *SECTION VIEW (FIXING)*



4 8009 *ISOMETRIC VIEW (FIXING)*



5 8009 *ISOMETRIC VIEW (FIXING)*

B.D. REF :

NO CHANGE

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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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	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.

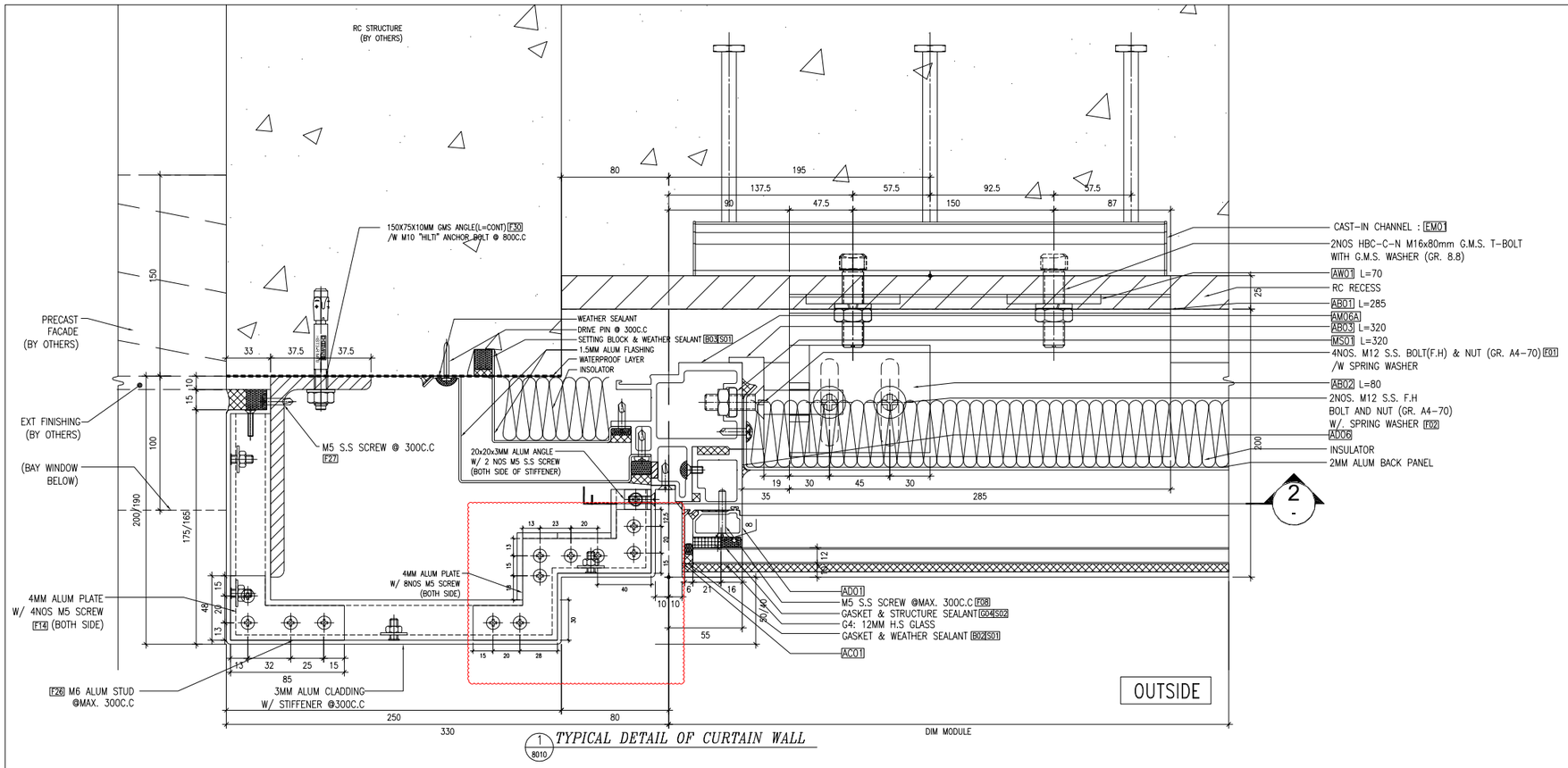
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

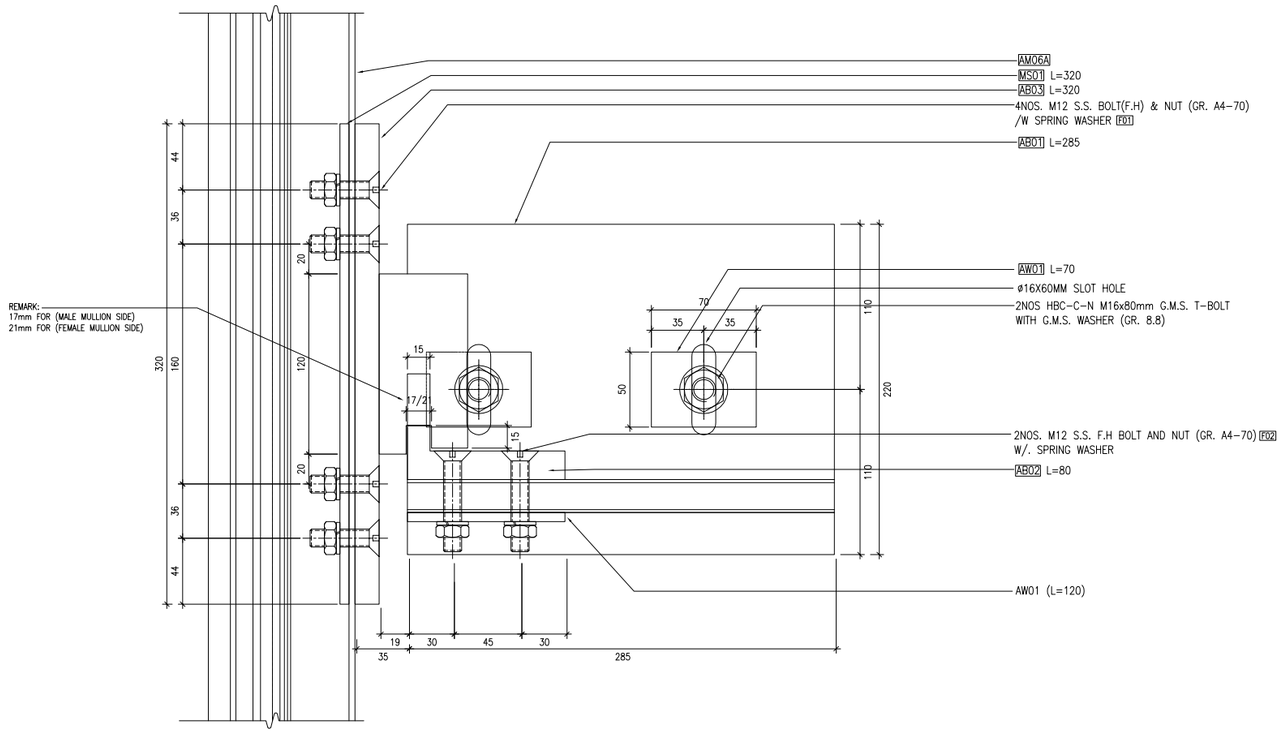
DRAWN BY : C.F | CHECKED BY :

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. : C



1 / 8010 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8010 *SECTION VIEW (FIXING)*

B.D. REF :

ADD SCREW @ STIFFENER TURNING

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.

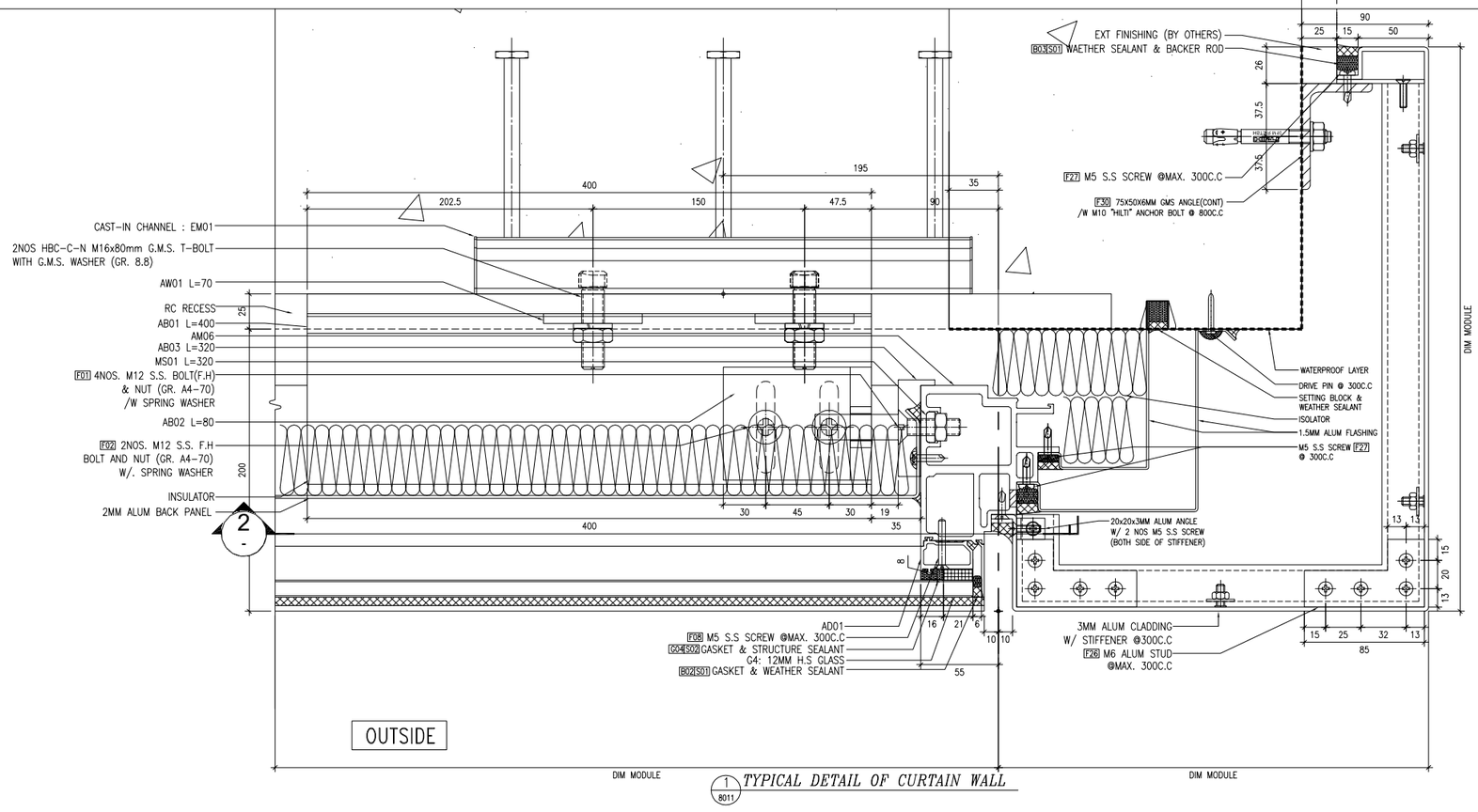
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

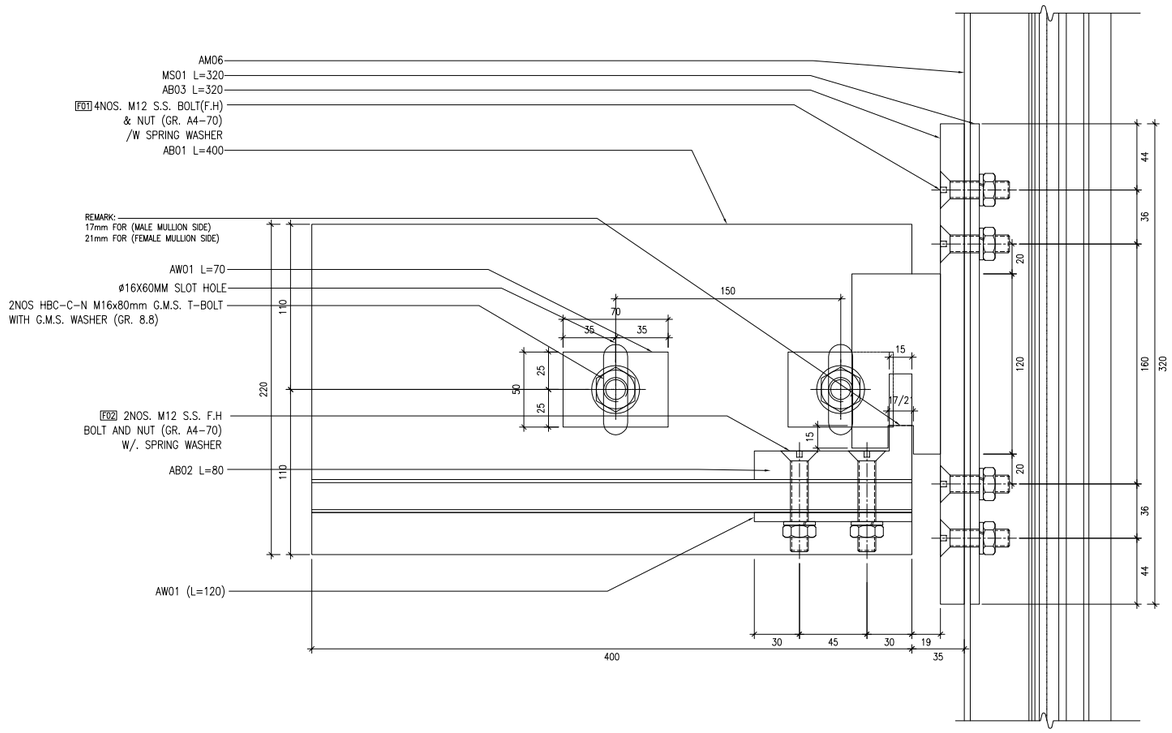
DRAWN BY : C.F | CHECKED BY :

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 :

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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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.

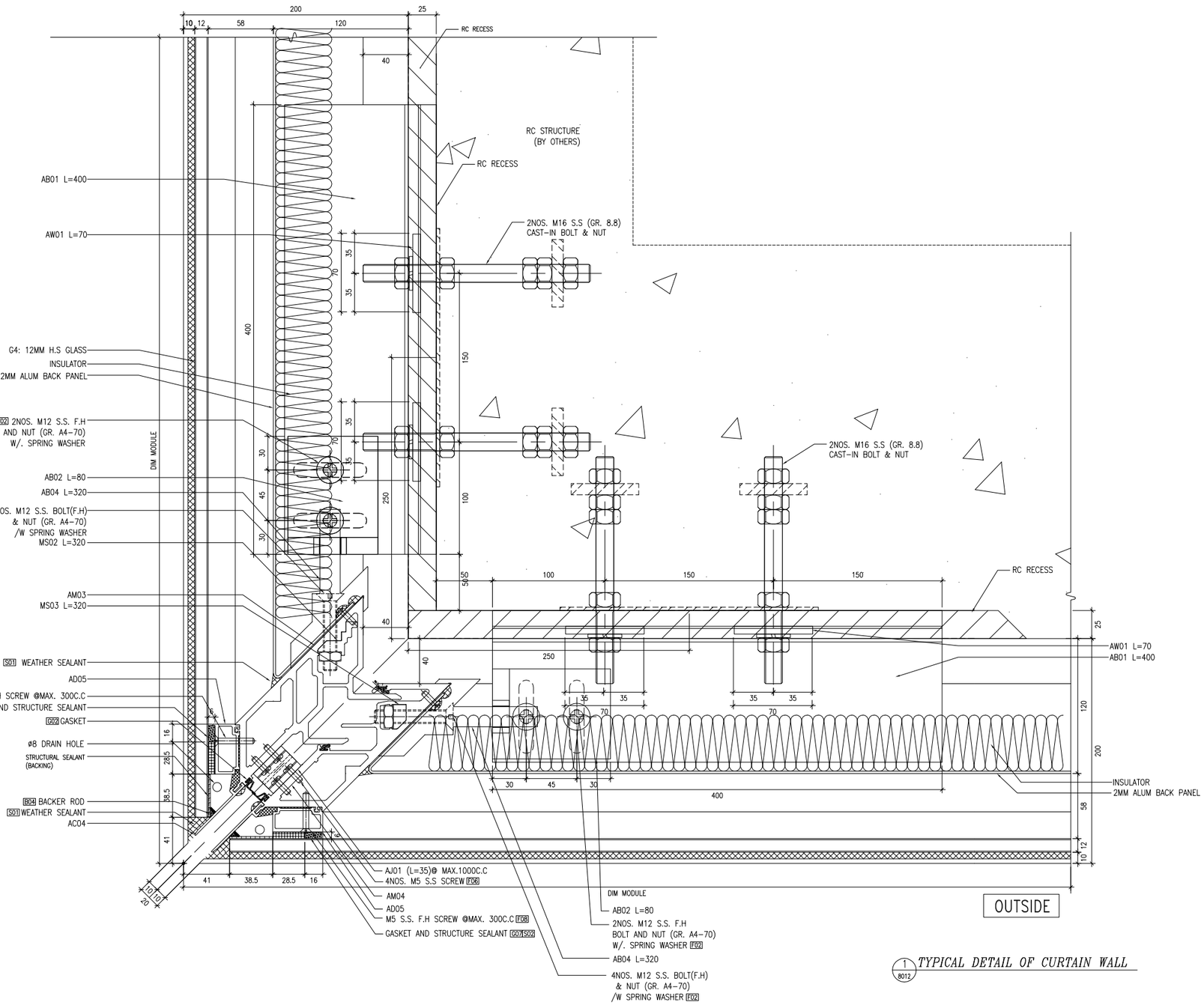
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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 :

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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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.

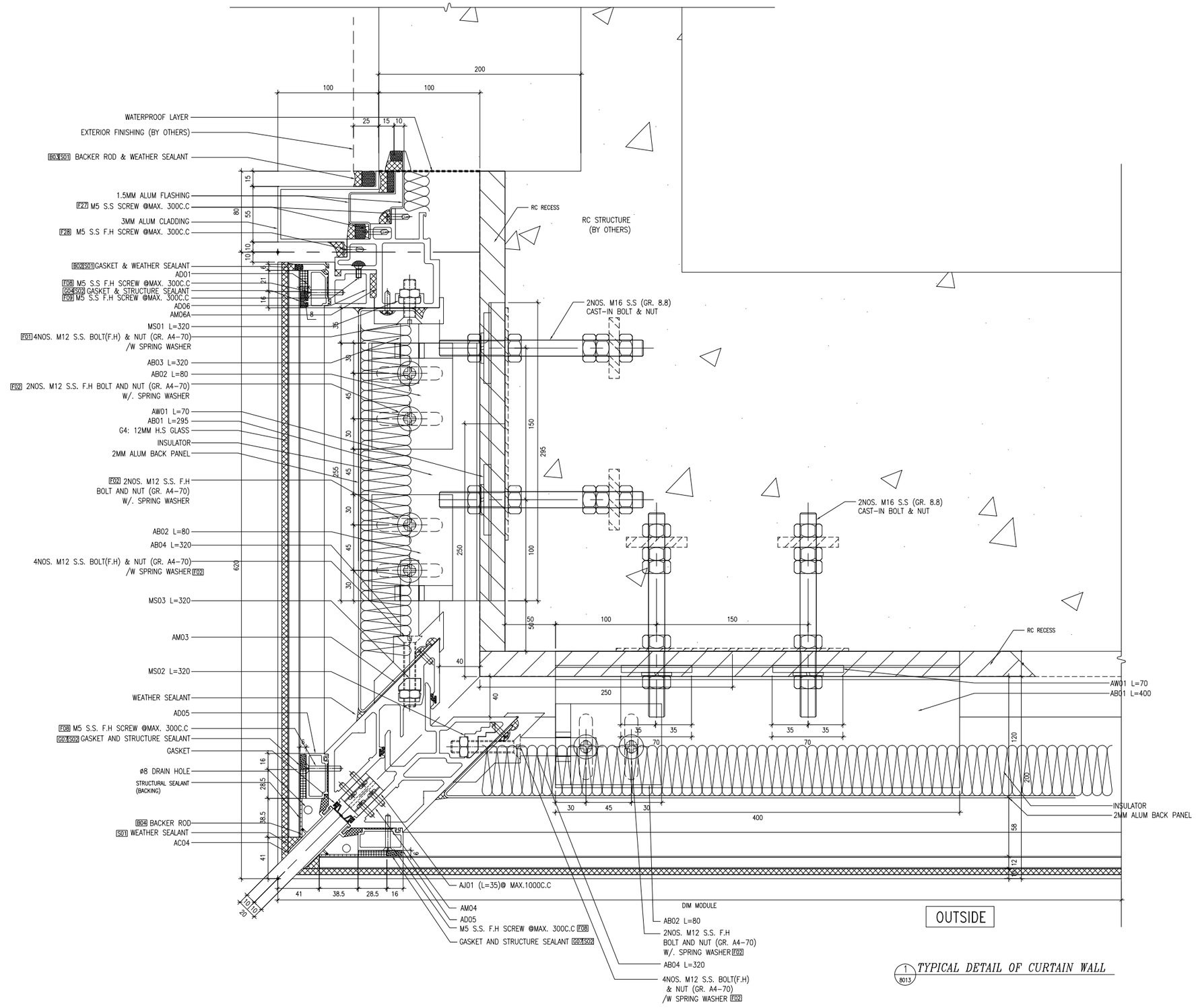
TITLE :
TYPICAL DETAIL
FOR CURTAIN WALL

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



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

#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.

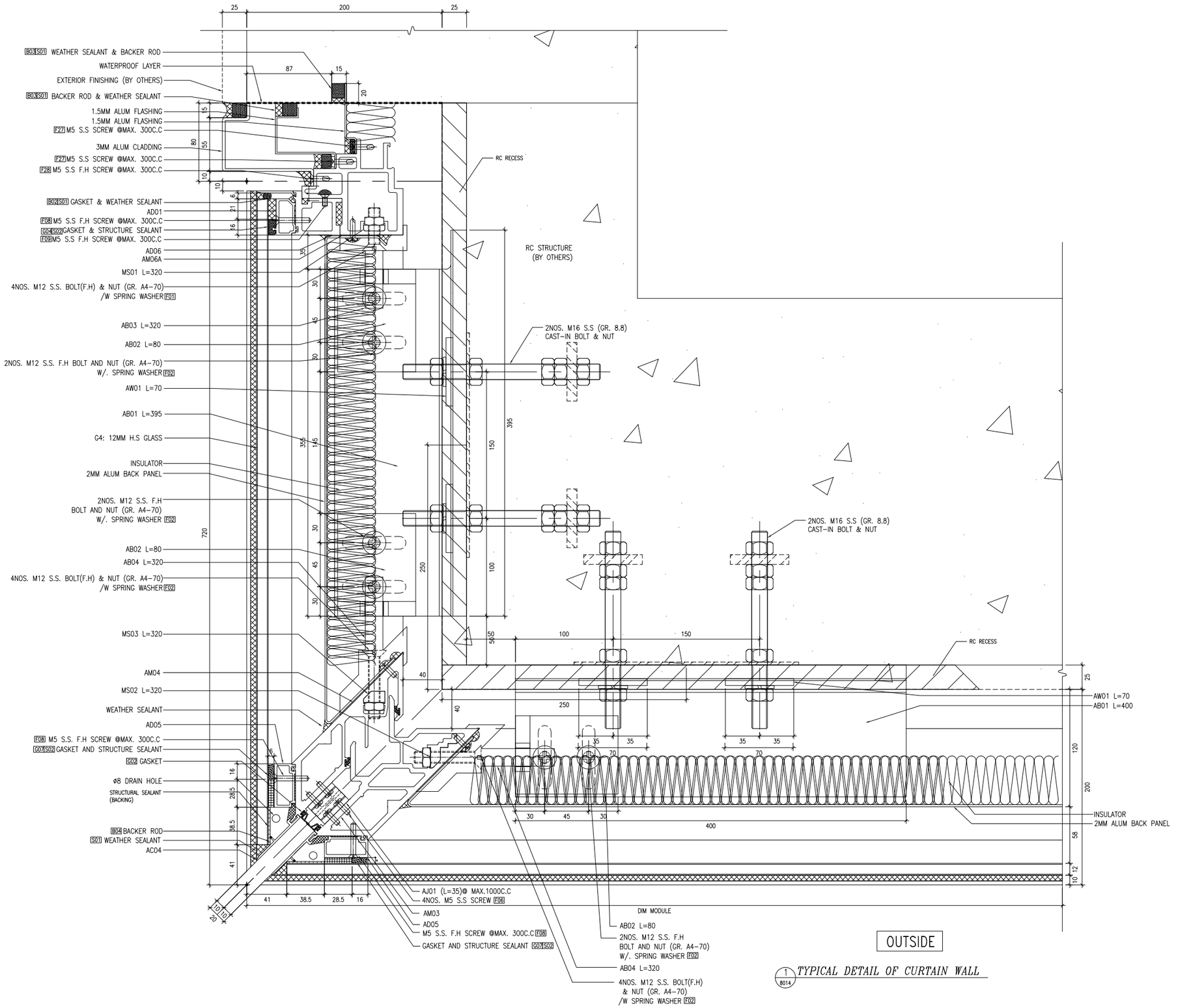
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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 :

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

#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.

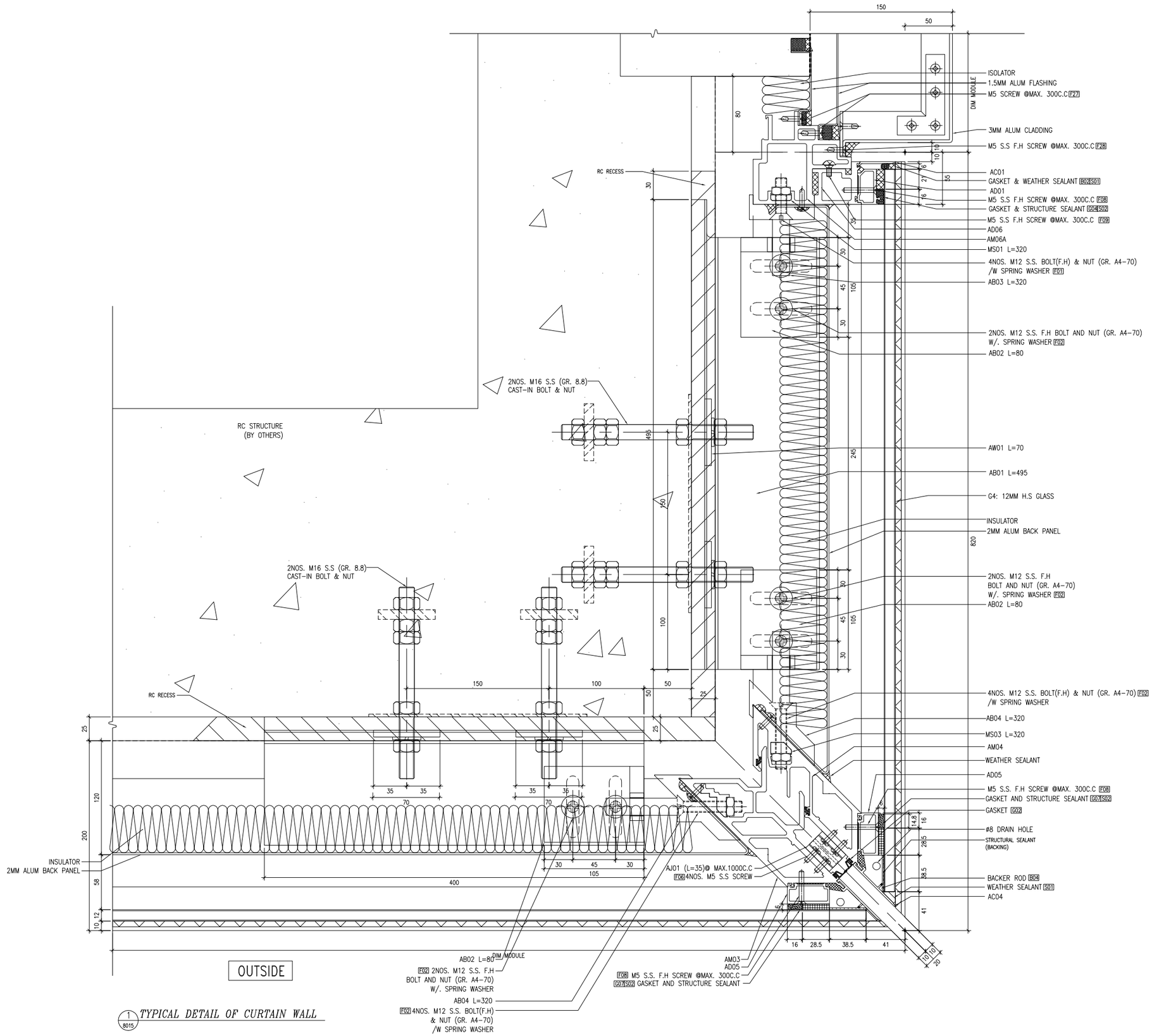
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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 :

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 / 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
–	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.

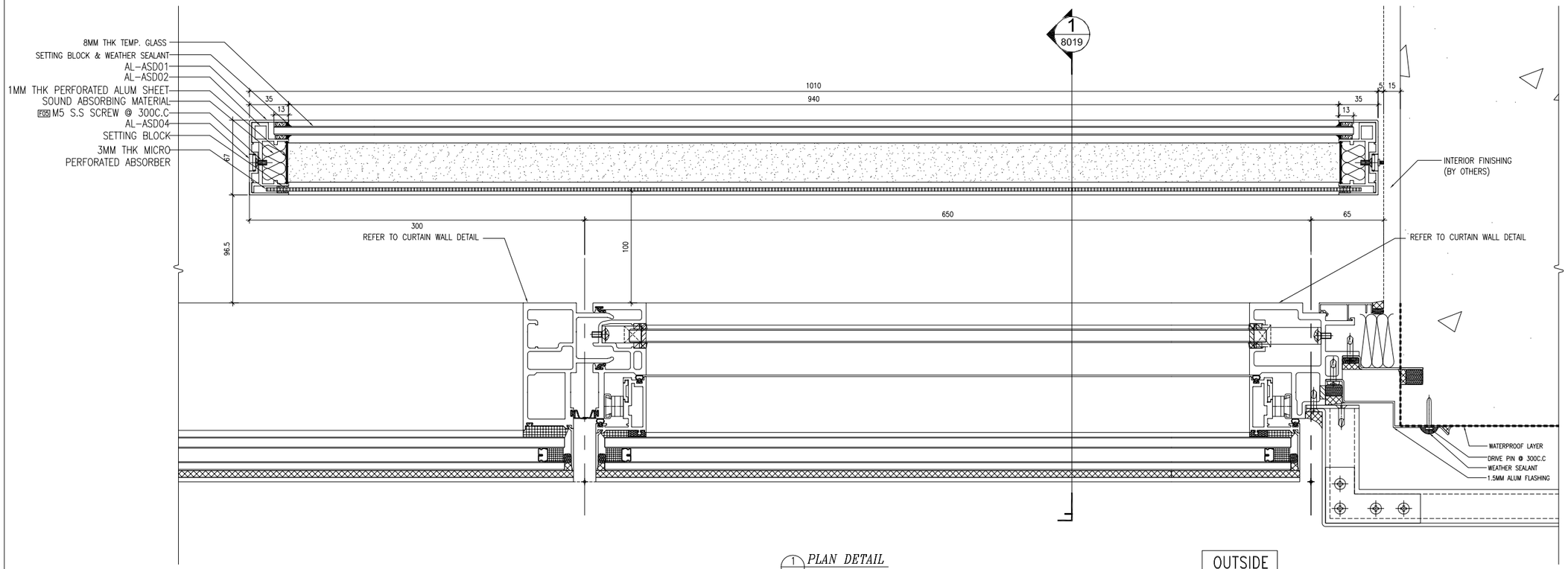
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

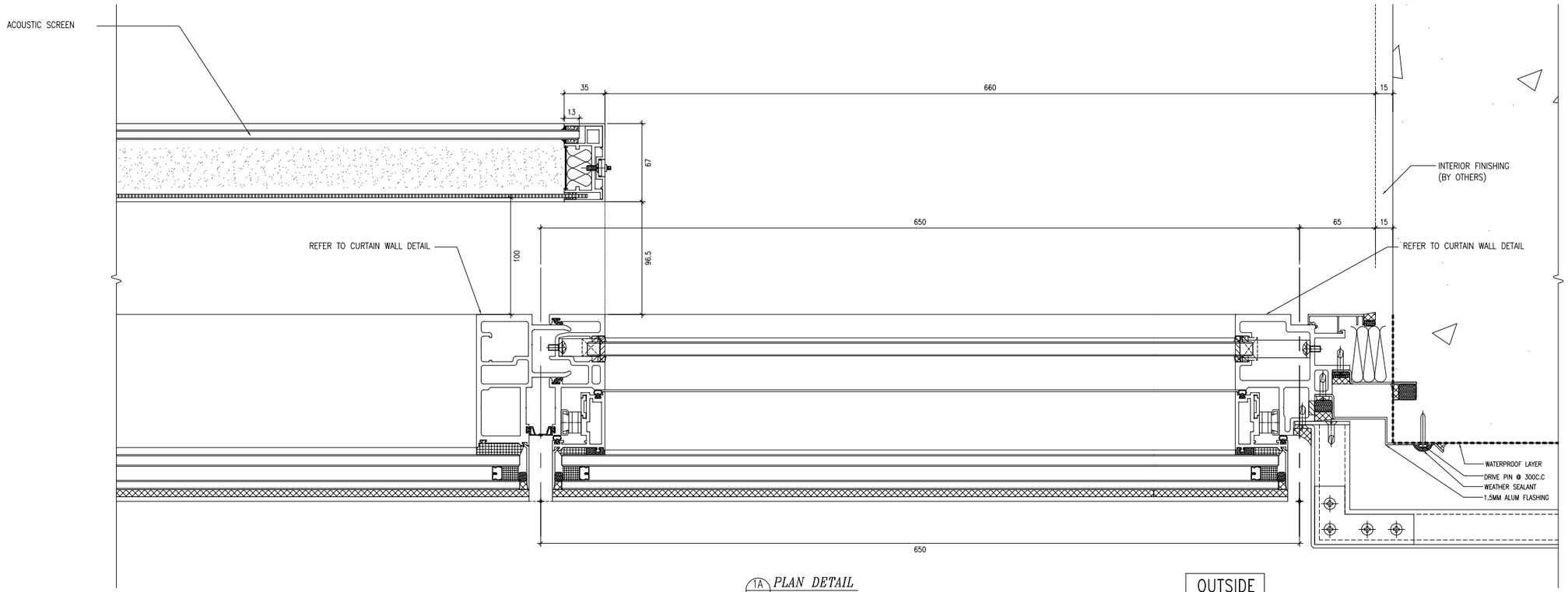
DRAWN BY : C.F | CHECKED BY :

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



1A / 8018 *PLAN DETAIL*
ACOUSTIC SCREEN(OPEN)

B.D. REF :

NO CHANGE

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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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.

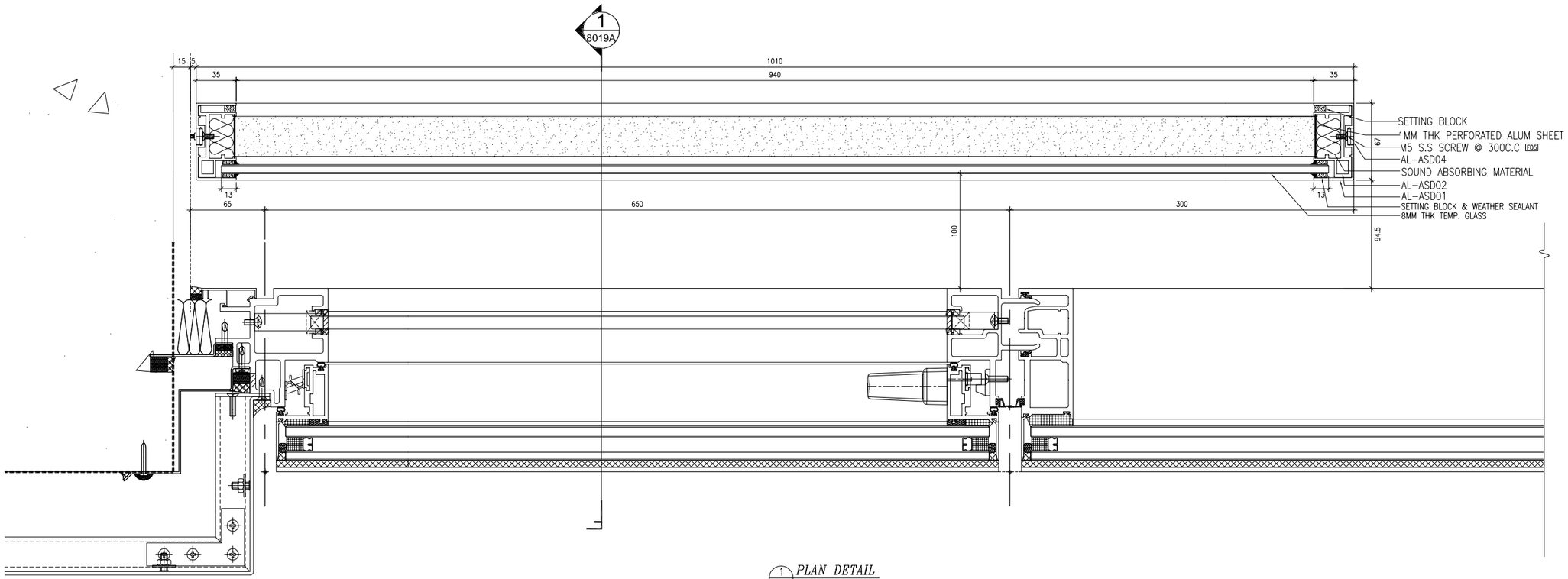
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

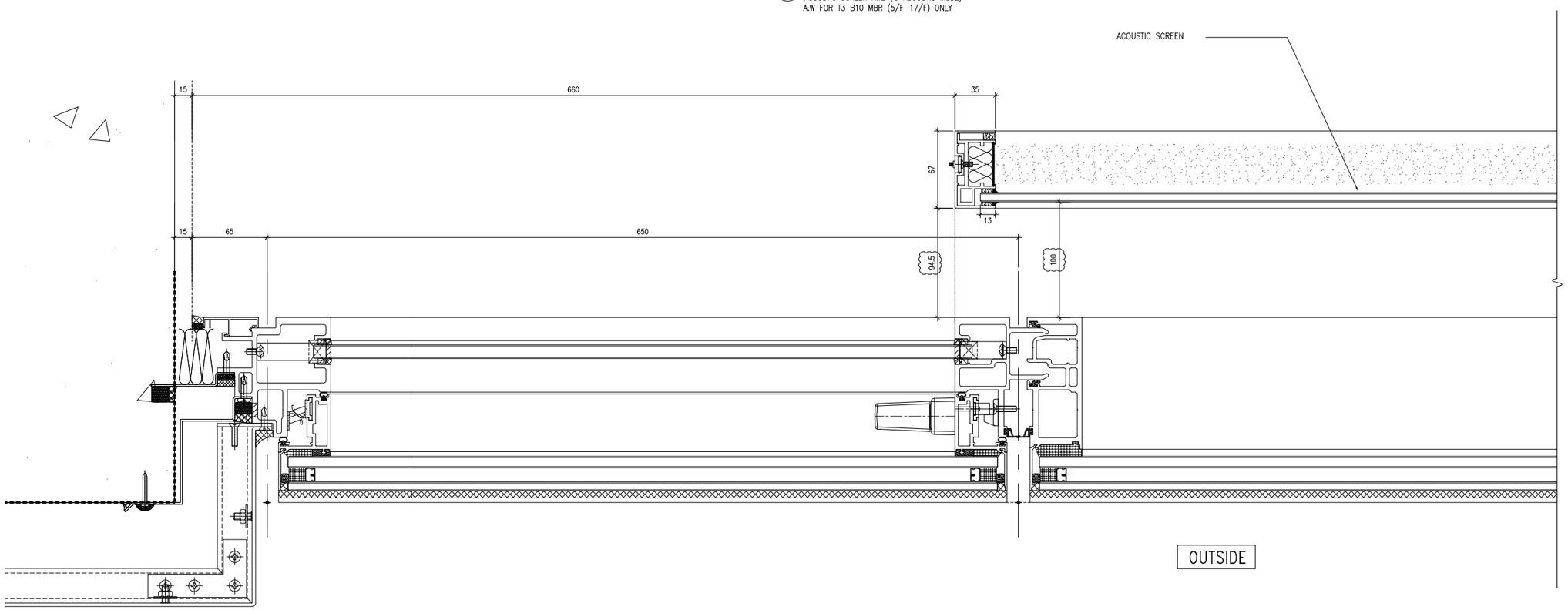
DRAWN BY : C.F | CHECKED BY :

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-8018 | REV. : B



1 / 8018A *PLAN DETAIL*
ACOUSTIC SCREEN AW2 (@ ACOUSTIC MODE)
A.W FOR T3 B10 MBR (5/F-17/F) ONLY



1A / 8018A *PLAN DETAIL*
ACOUSTIC SCREEN(OPEN)

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 :
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

JOB NO. : J-856

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

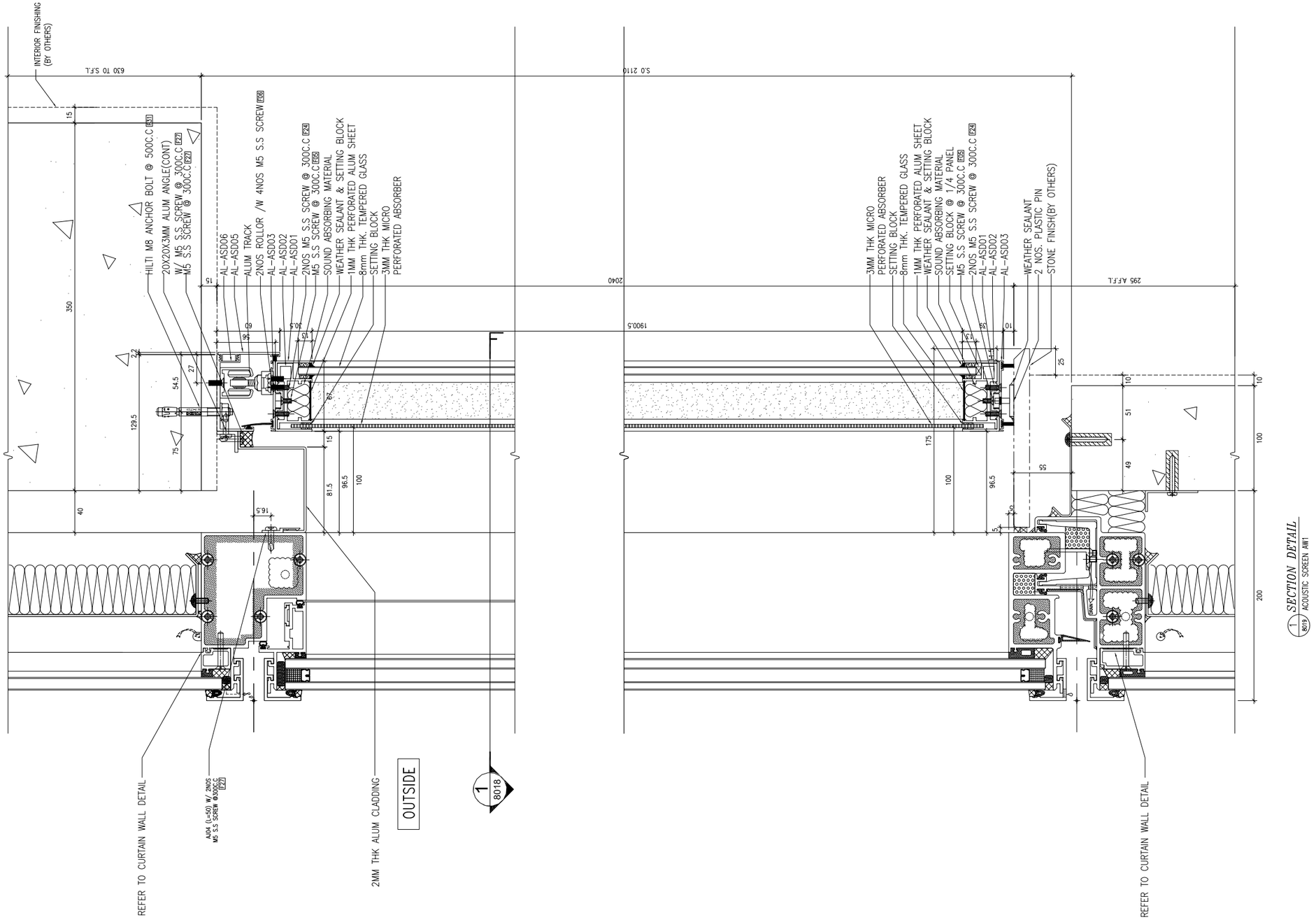
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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-8018A | REV. : -



1 SECTION DETAIL
8019 ACOUSTIC SCREEN AW1

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

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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
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.

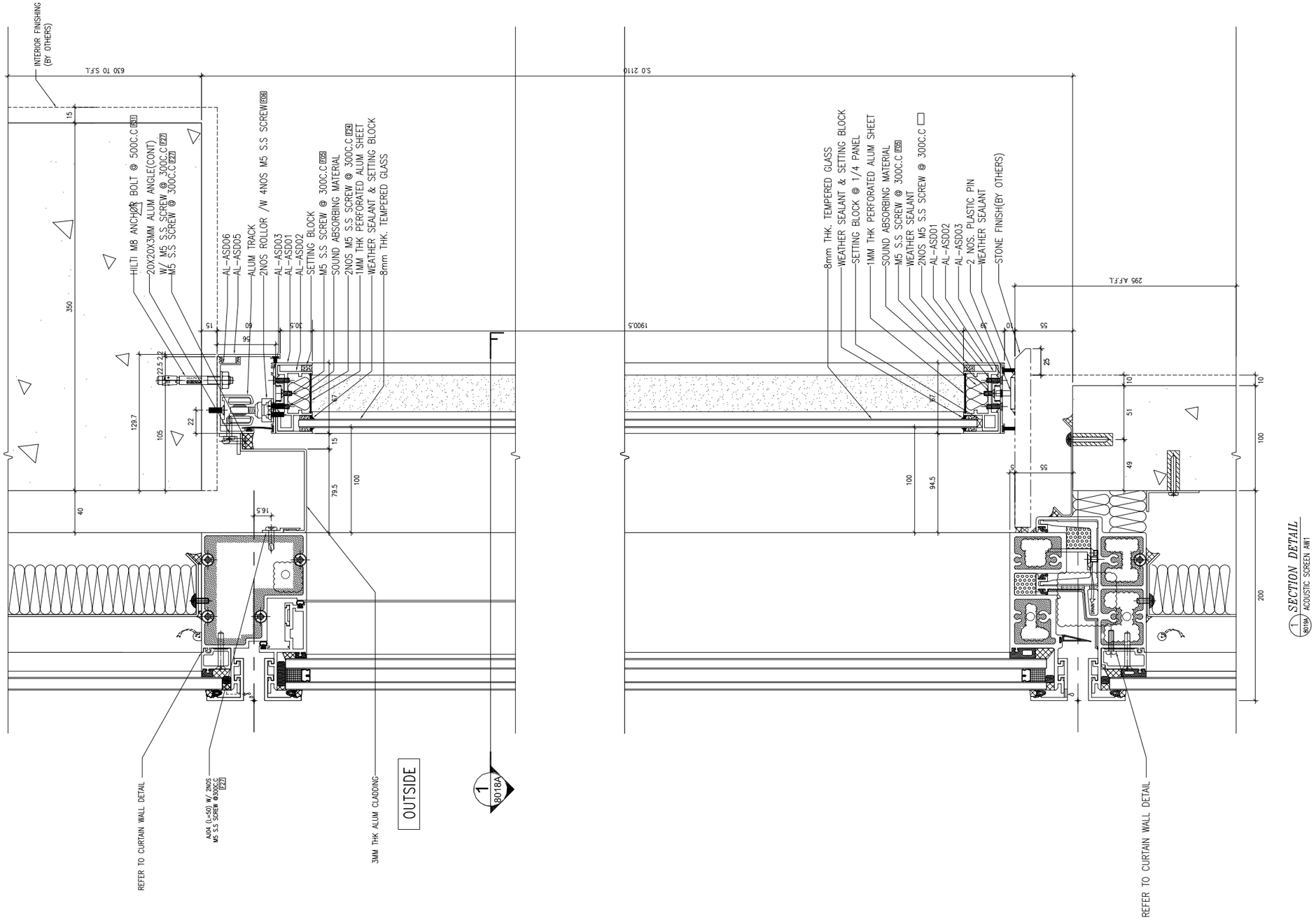
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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-8019 | REV. : B



1 SECTION DETAIL
8019A ACOUSTIC SCREEN AW1

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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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.

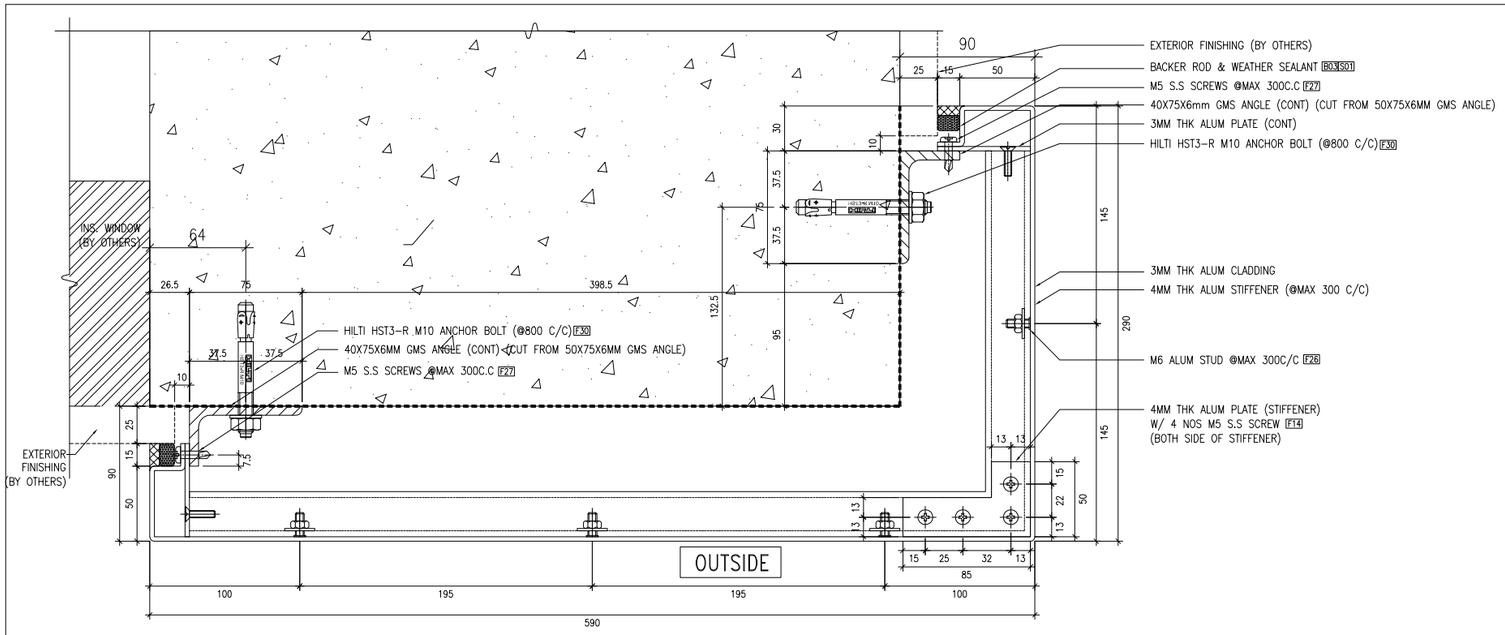
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

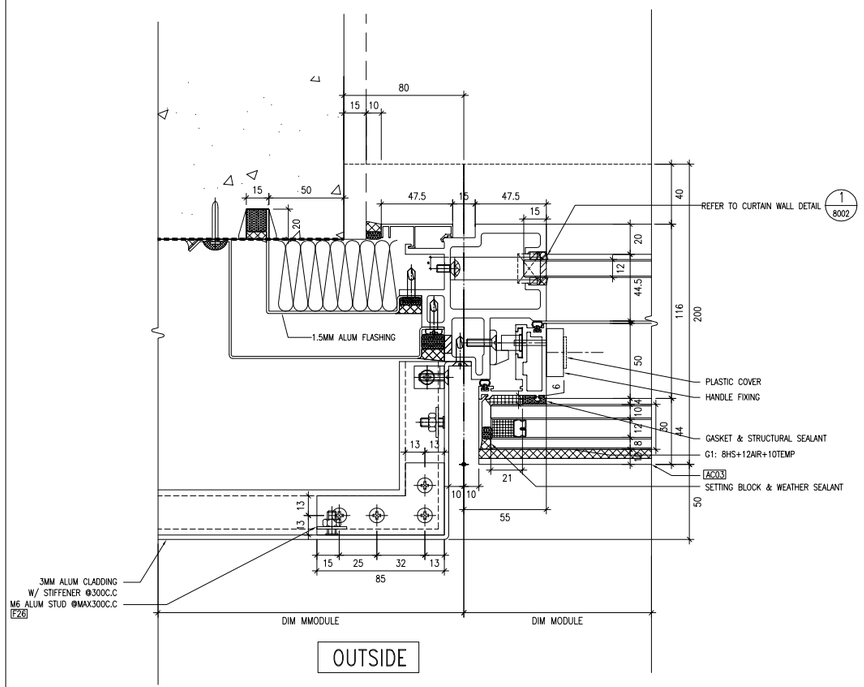
DRAWN BY : C.F | CHECKED BY :

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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-8019A | REV. : -



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 :

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

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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.

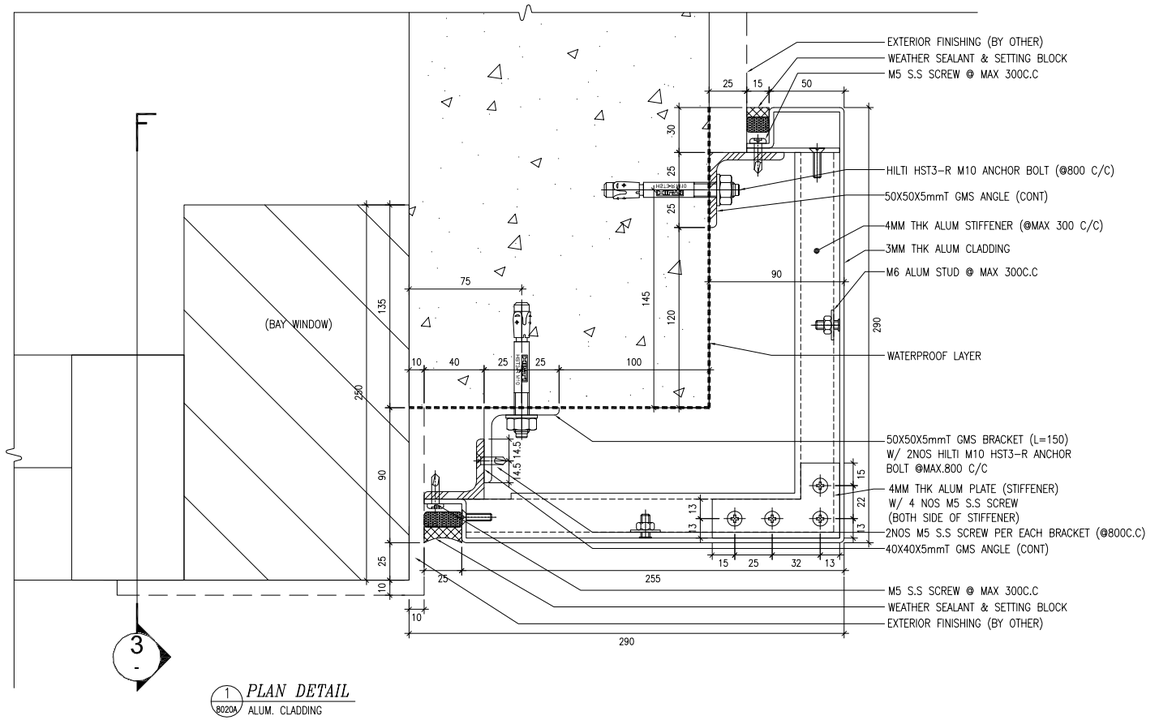
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

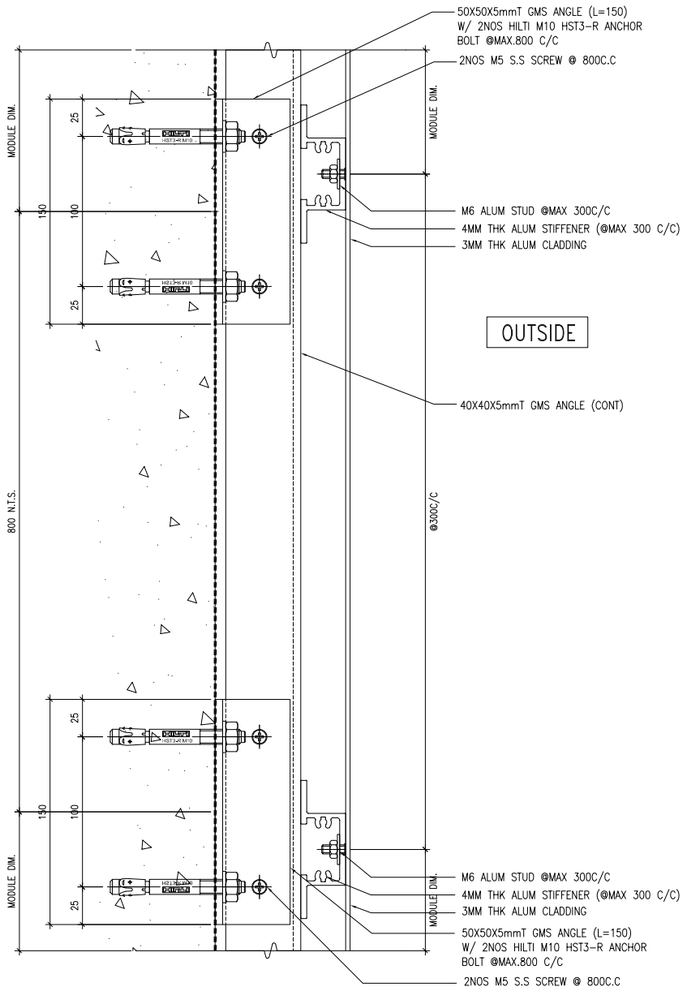
DRAWN BY : C.F | CHECKED BY :

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

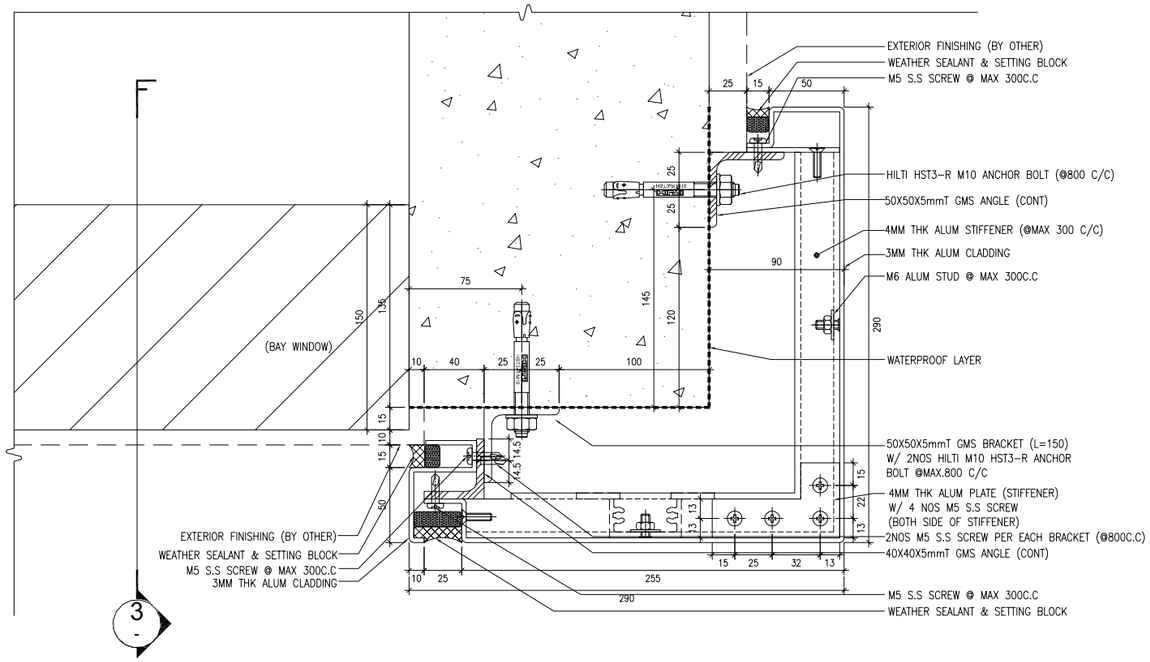
DWG NO. : J856-SD-CW-8020 | REV. : C



1 PLAN DETAIL
8020A ALUM. CLADDING



3 SECTION DETAIL
8020A ALUM. CLADDING



2 PLAN DETAIL
8020A ALUM. CLADDING

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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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
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.

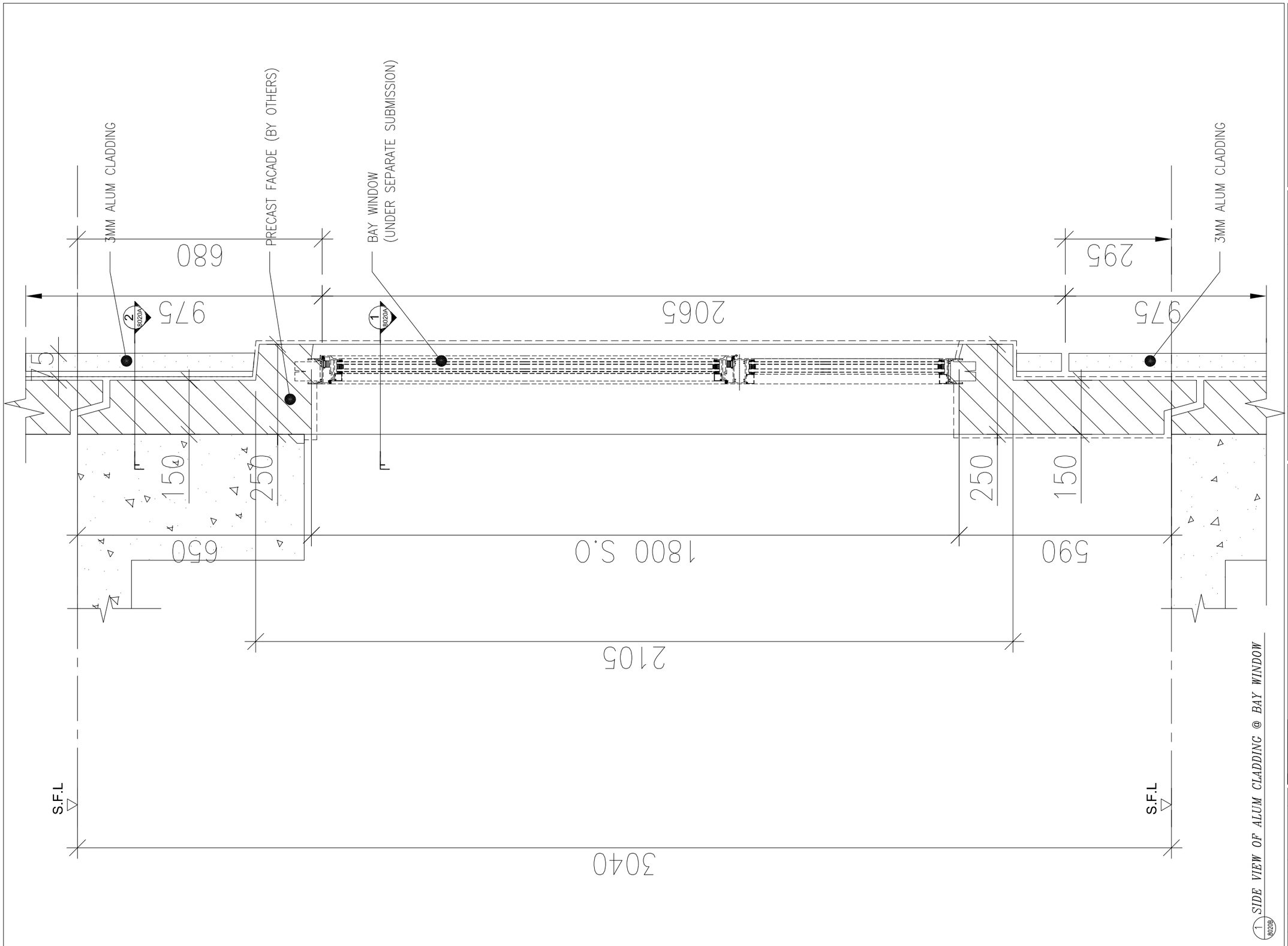
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DRAWN BY : C.F | CHECKED BY :

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-8020A | REV. : A



1 SIDE VIEW OF ALUM CLADDING @ BAY WINDOW 8020B

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

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3. /R --REVERSED DETAIL

NO.	DATE	REVISED	BY
–	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.

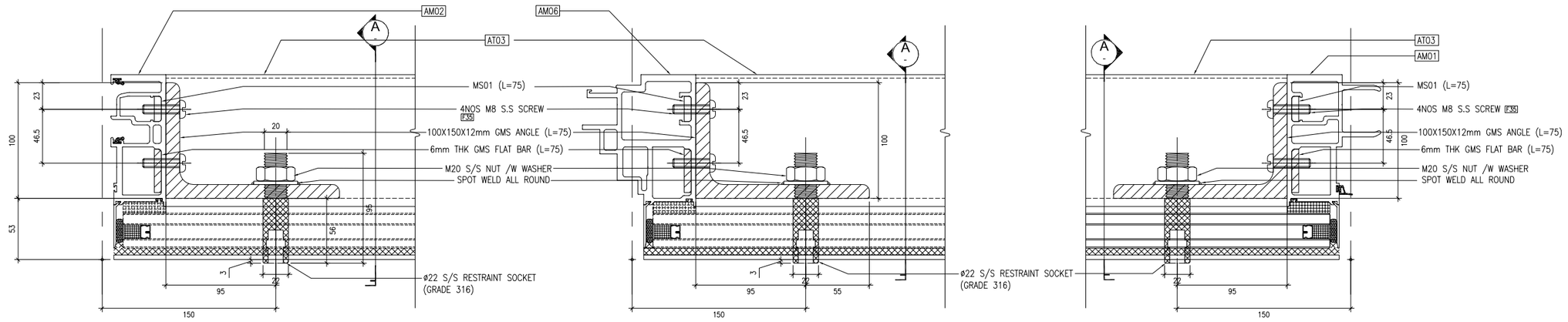
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

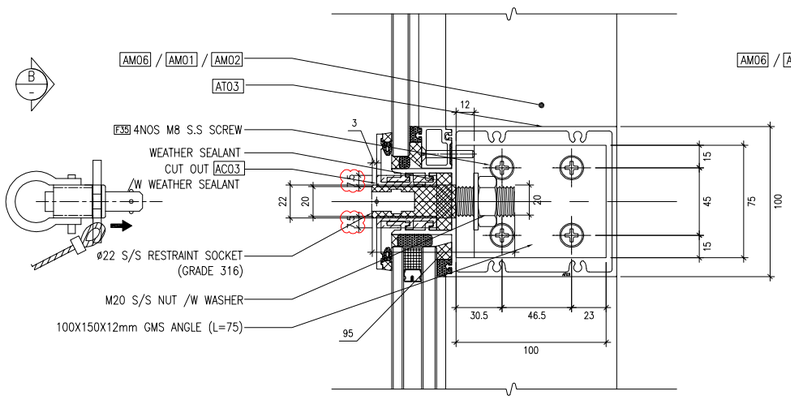
DWG NO. : J856-SD-CW-8020B | REV. : –



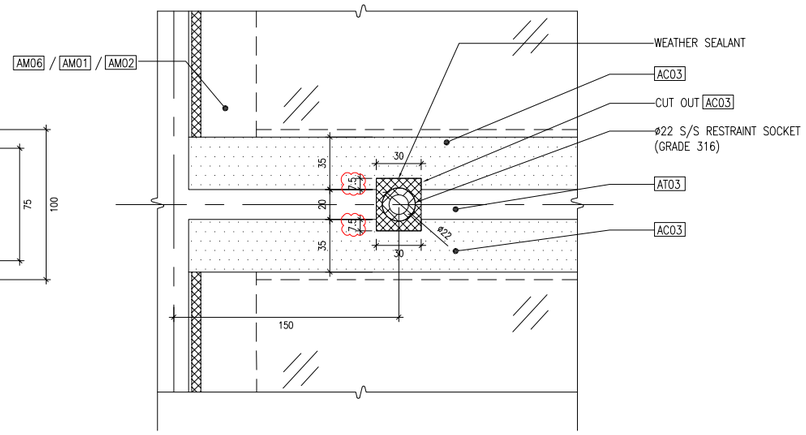
1 8021 *TYPICAL DETAIL OF CURTAIN WALL*
RESTRAINT SOCKET @ FIX WINDOW (APPLY ON AM02)

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 :

ADJUST THE CUTTING AREA ON AC03, FOR SOCKET INSTALLATION

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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3. /R -- REVERSED DETAIL

NO.	DATE	REVISED	BY
B	30-MAY-2023	6TH 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.

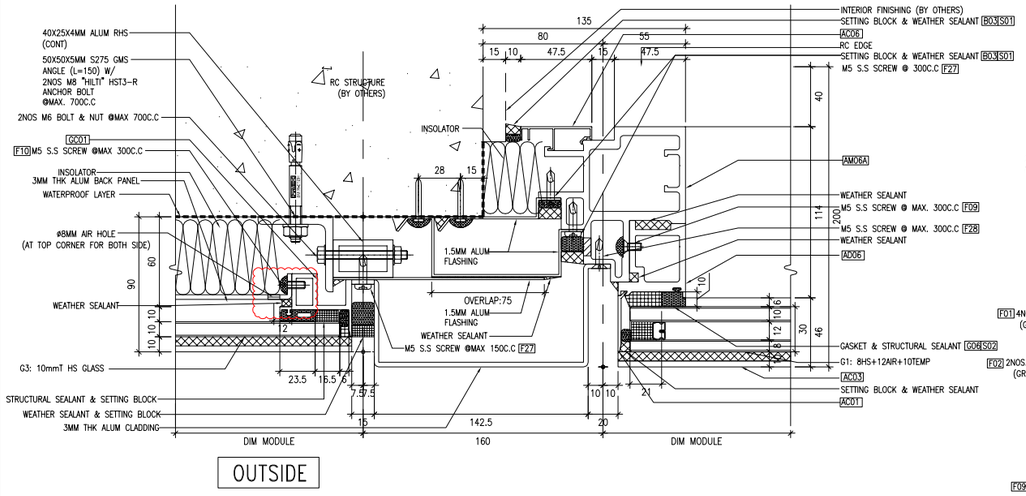
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

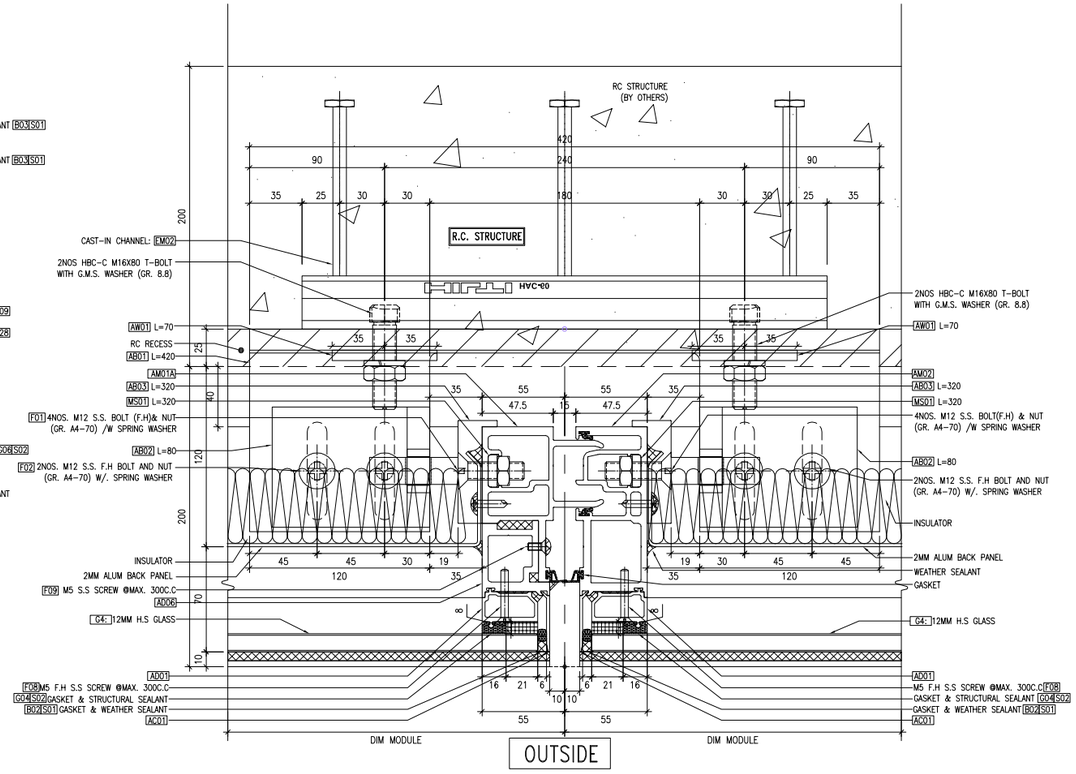
DRAWN BY : C.F | CHECKED BY :

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

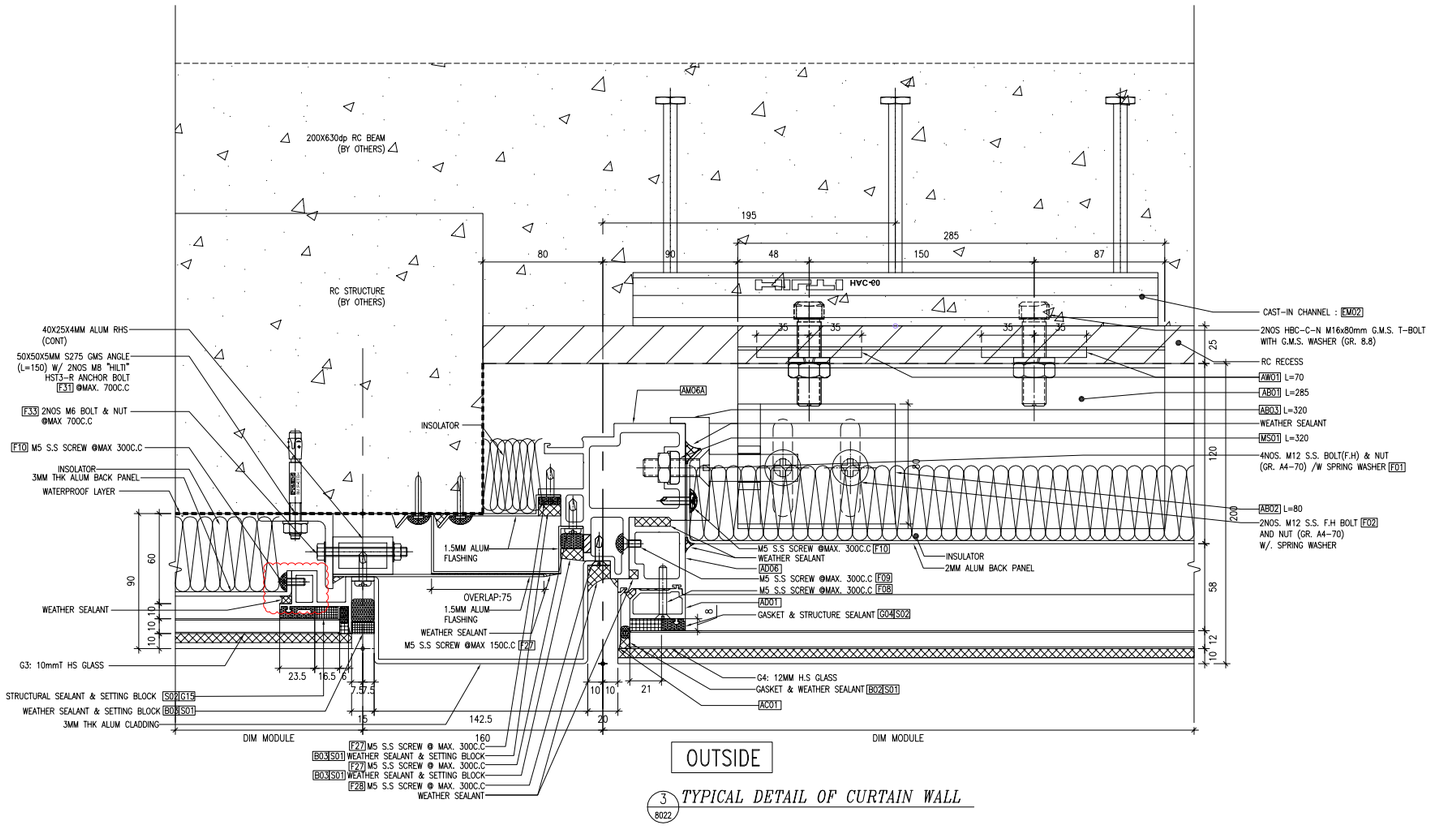
DWG NO. : J856-SD-CW-8021 | REV. : B



1 8022 *TYPICAL DETAIL OF CURTAIN WALL*



2 8022 *TYPICAL DETAIL OF CURTAIN WALL*



3 8022 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

ADD WEATHER SEALANT

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. 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.

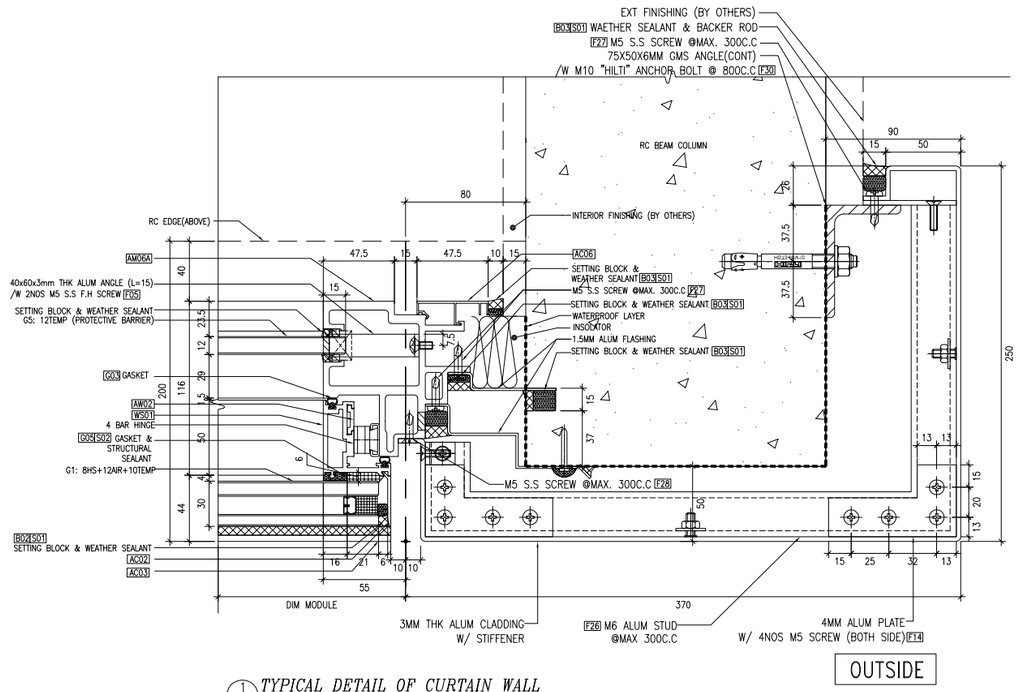
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

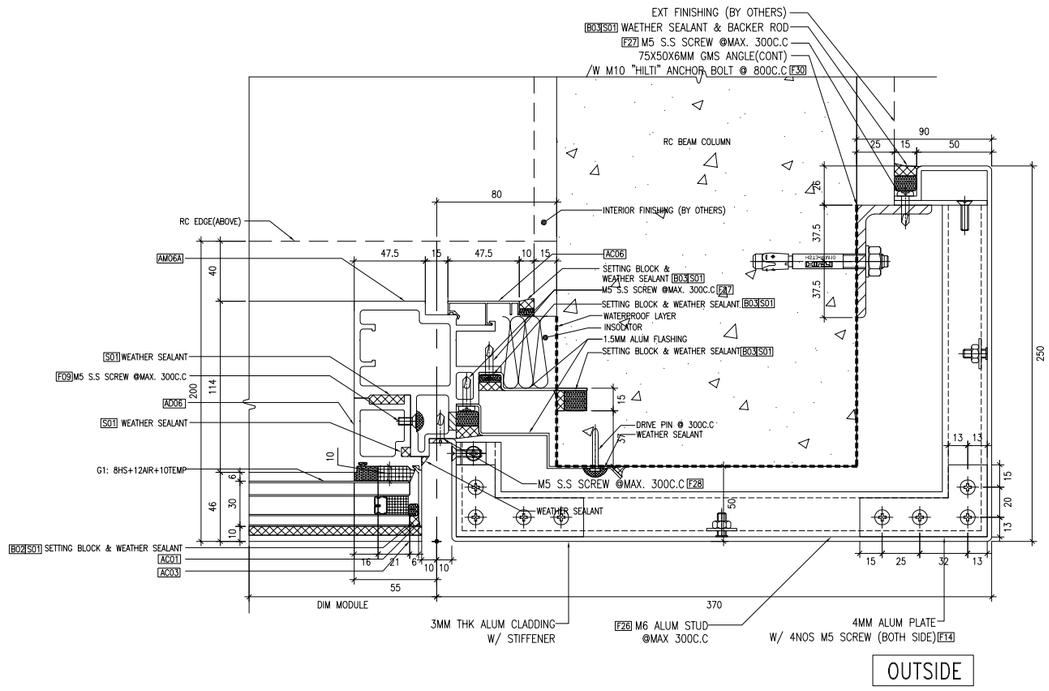
DRAWN BY : C.F | CHECKED BY :

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

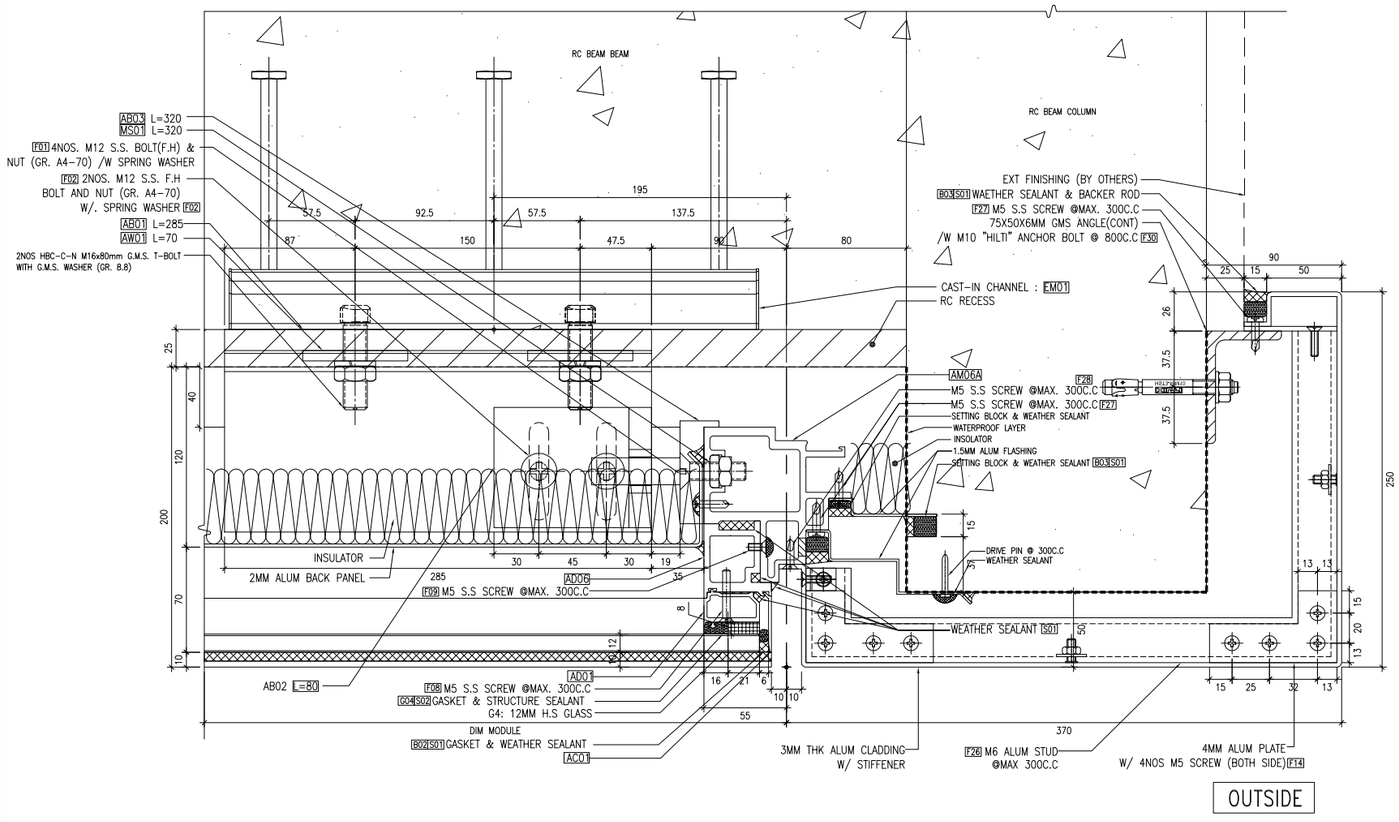
DWG NO. : J856-SD-CW-8022 | REV. : B



1 8023 *TYPICAL DETAIL OF CURTAIN WALL*



2 8023 *TYPICAL DETAIL OF CURTAIN WALL*



3 8023 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

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 :

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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.

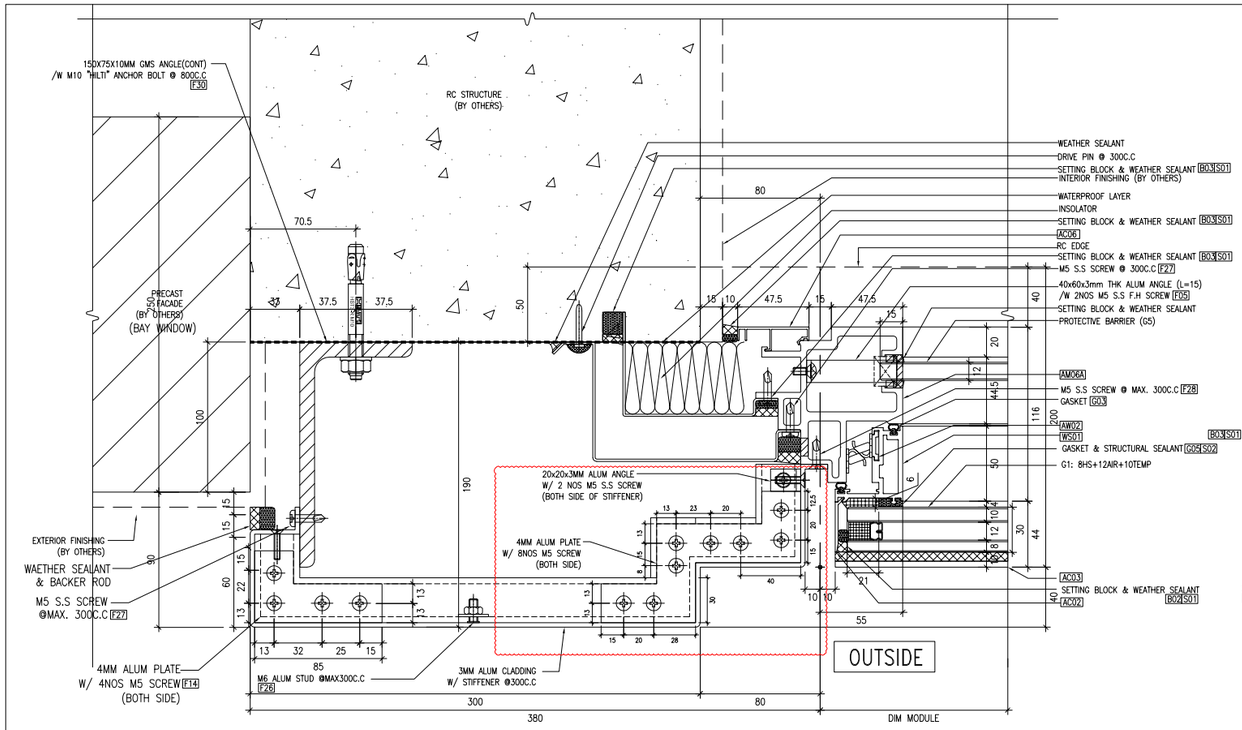
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

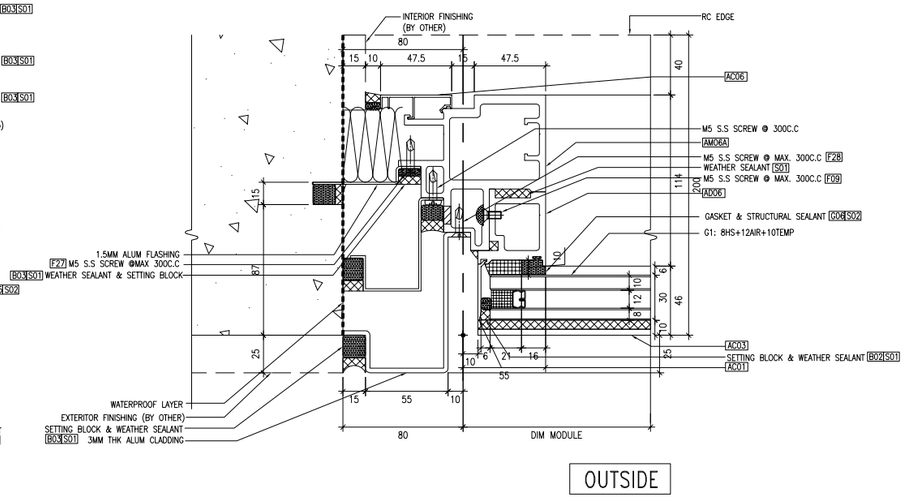
DRAWN BY : C.F | CHECKED BY :

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
Tel:23489211-4 Fax:(852)27727666

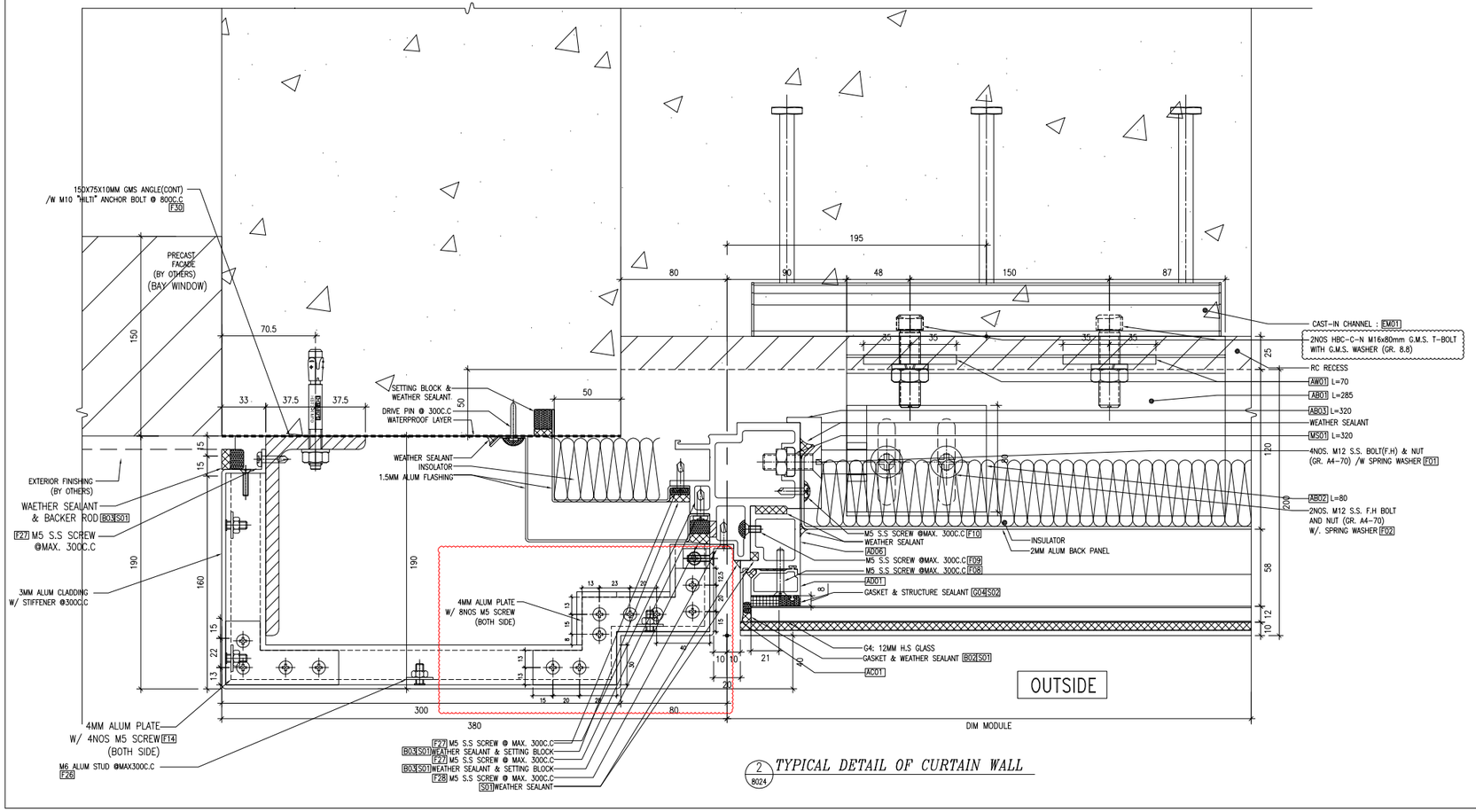
DWG NO. : J856-SD-CW-8023 | REV. : A



1 8024 *TYPICAL DETAIL OF CURTAIN WALL*



3 8024 *TYPICAL DETAIL OF CURTAIN WALL*



2 8024 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

ADD SCREW @ STIFFENER TURNING

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	31-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.

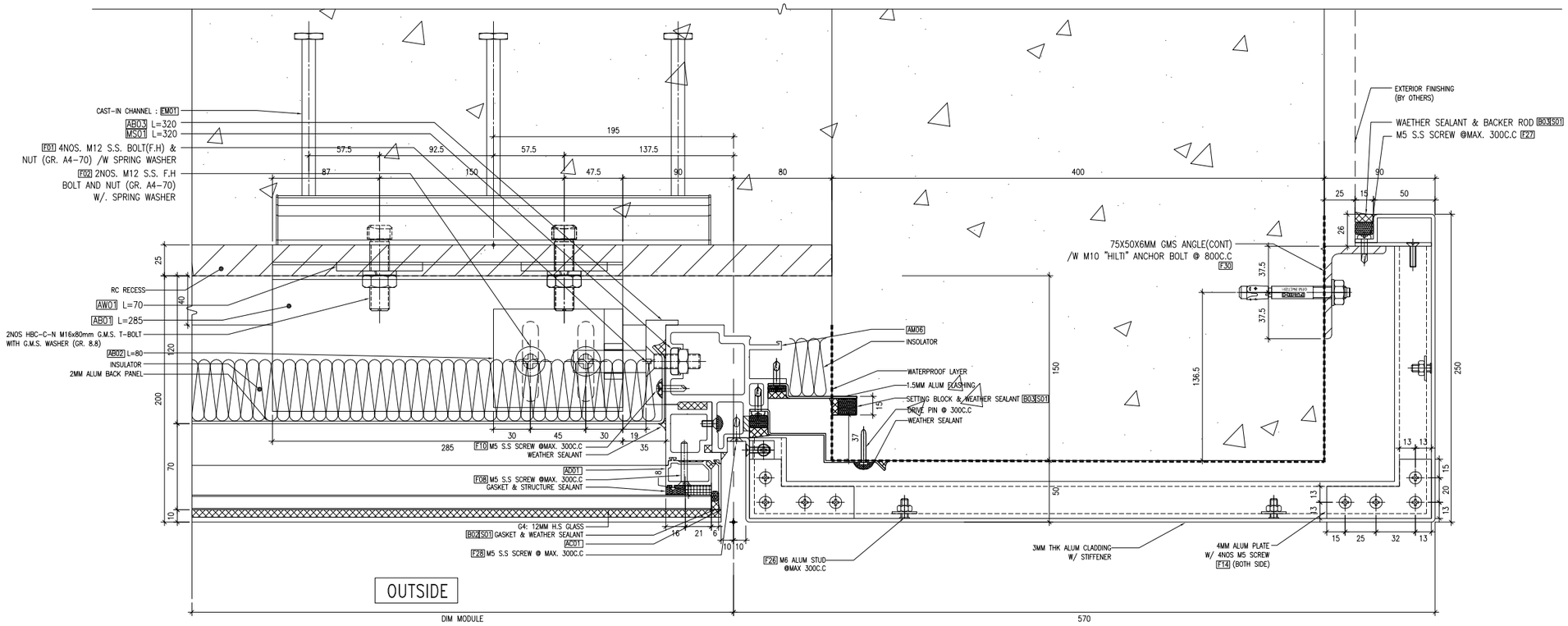
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

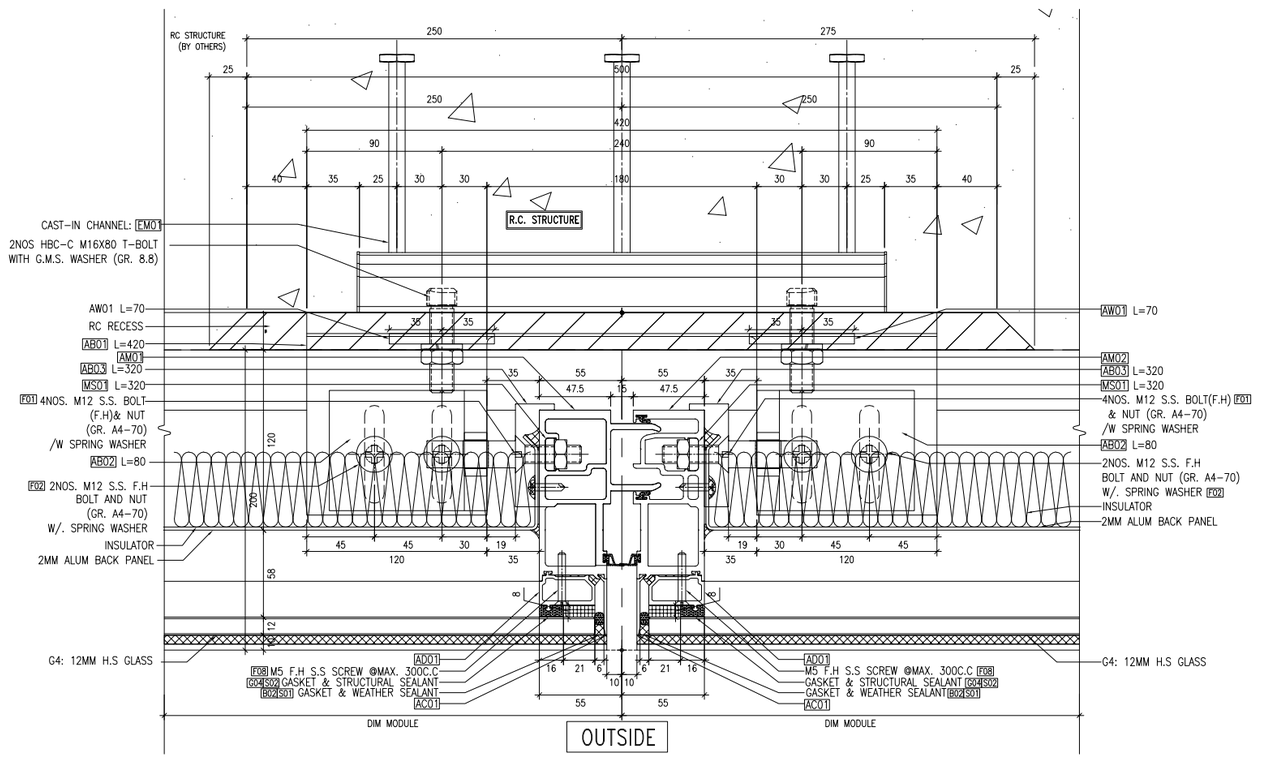
DRAWN BY : C.F | CHECKED BY :

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-8024 | REV. : B



1 8025 *TYPICAL DETAIL OF CURTAIN WALL*



2 8025 *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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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	
-	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.

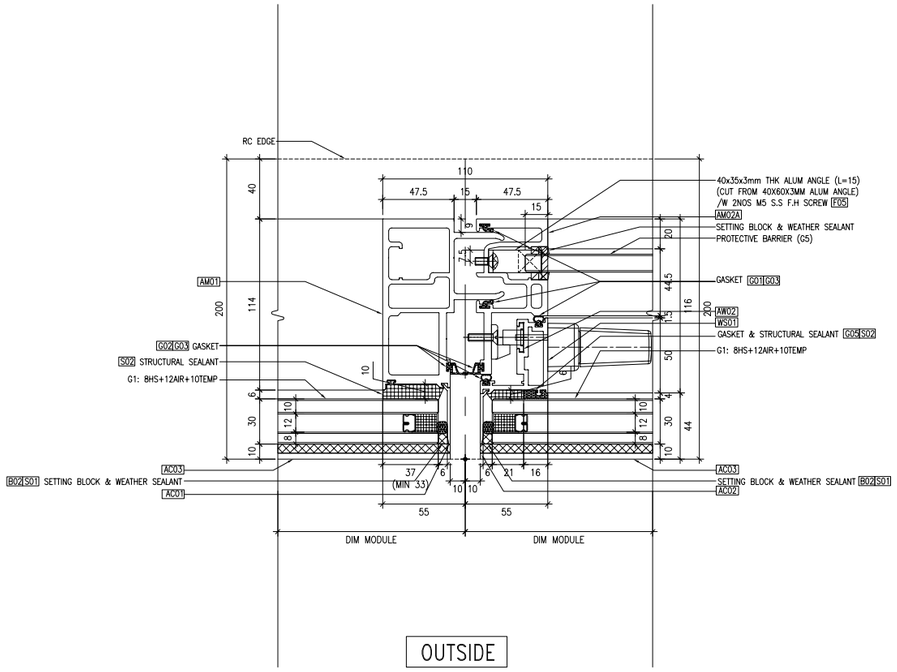
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

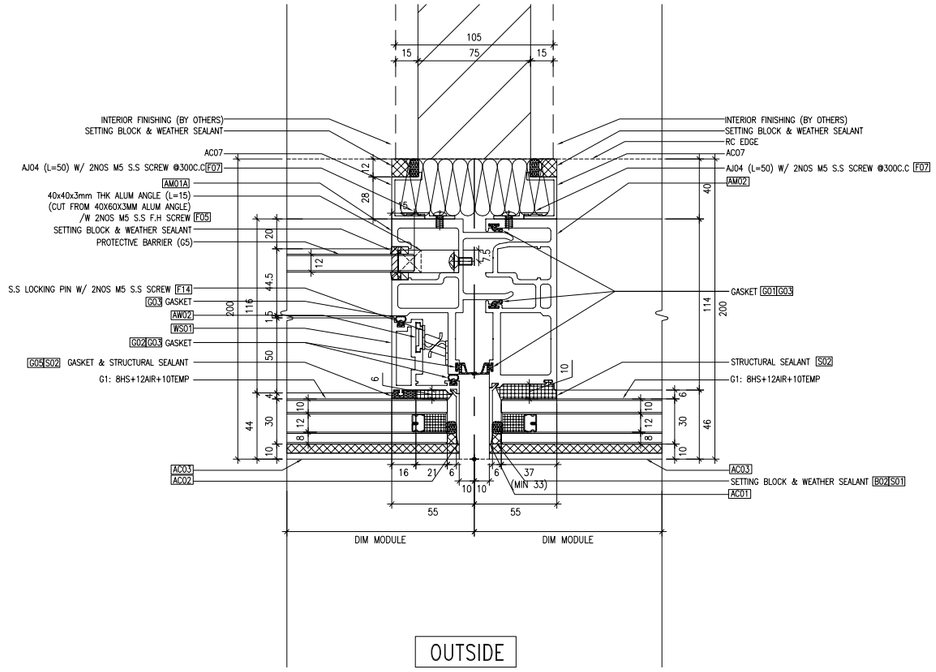
DRAWN BY : C.F | CHECKED BY :

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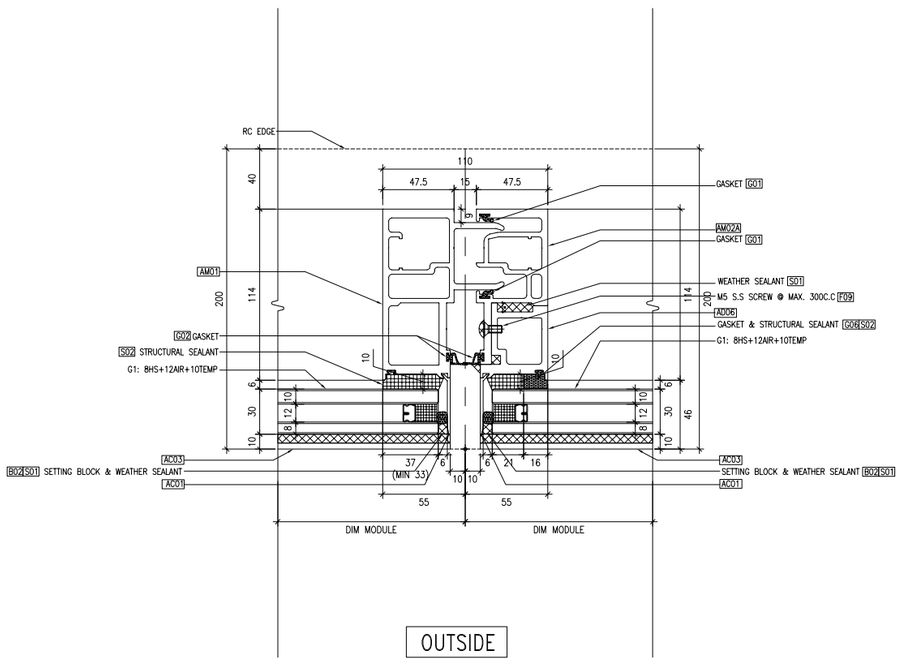
DWG NO. : J856-SD-CW-8025 | REV. : A



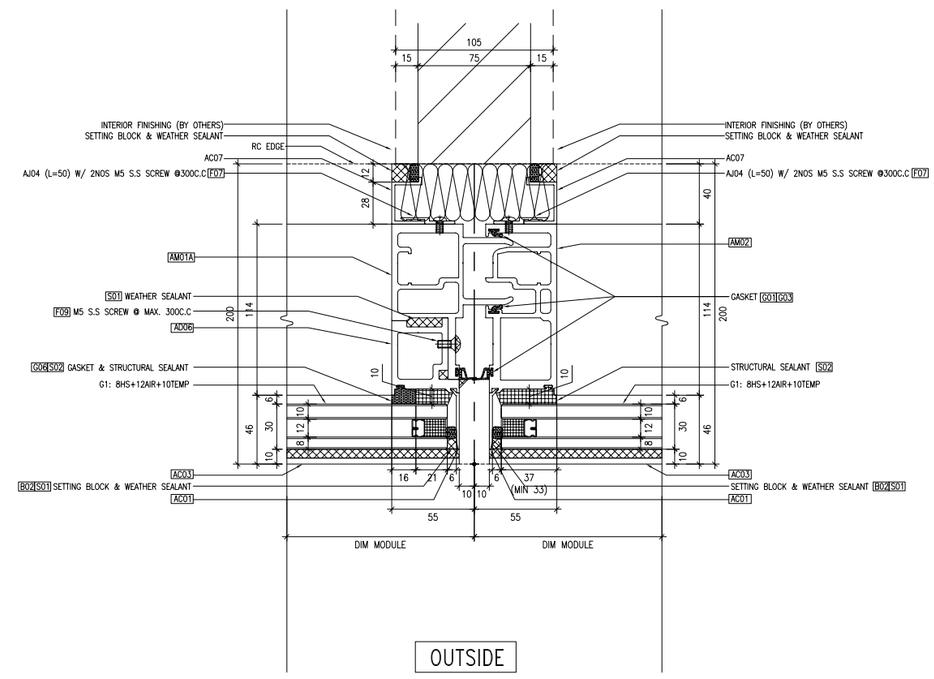
1/8026 *TYPICAL DETAIL OF CURTAIN WALL*



2/8026 *TYPICAL DETAIL OF CURTAIN WALL*



3/8026 *TYPICAL DETAIL OF CURTAIN WALL*



4/8026 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

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 / 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
–	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.

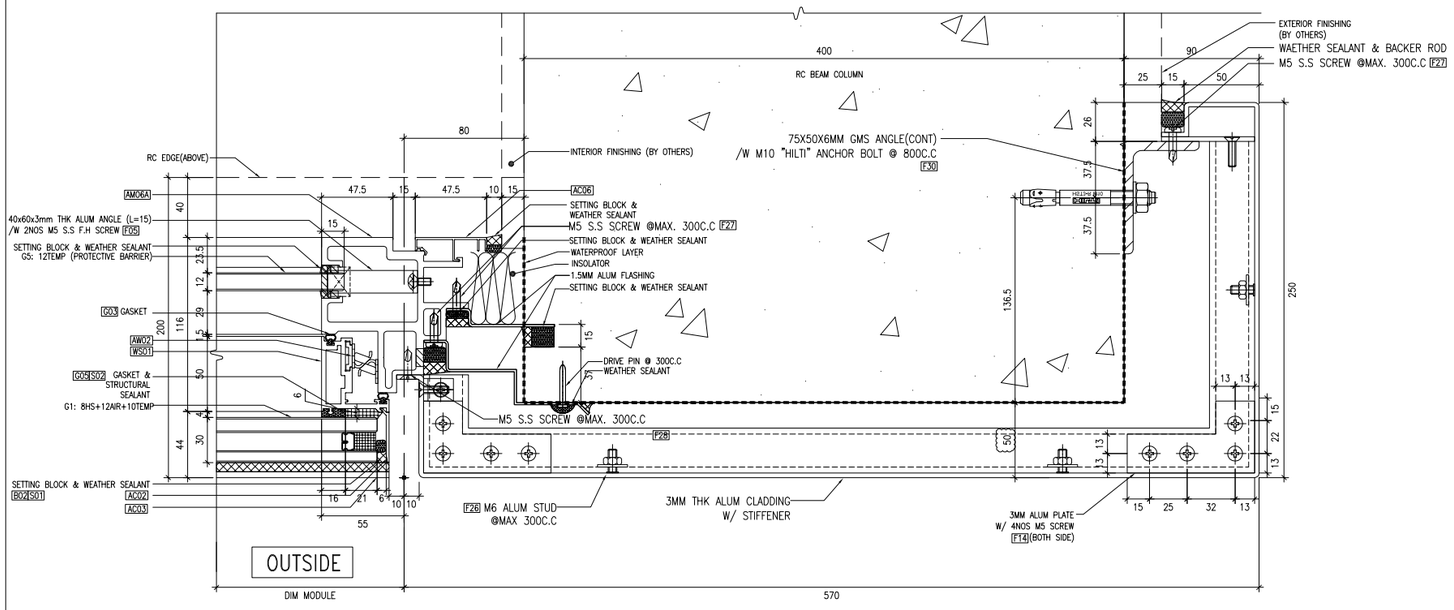
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

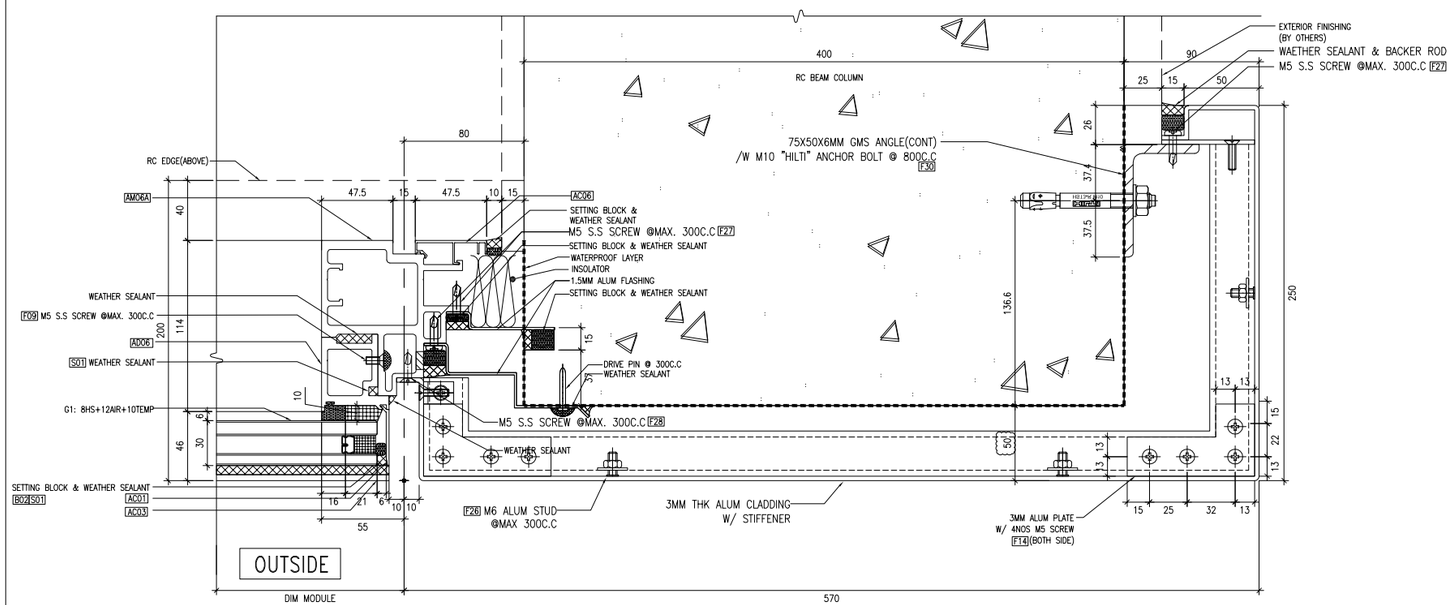
DRAWN BY : C.F | CHECKED BY :

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-8026 | REV. : –



1 8027 *TYPICAL DETAIL OF CURTAIN WALL*



2 8027 *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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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.

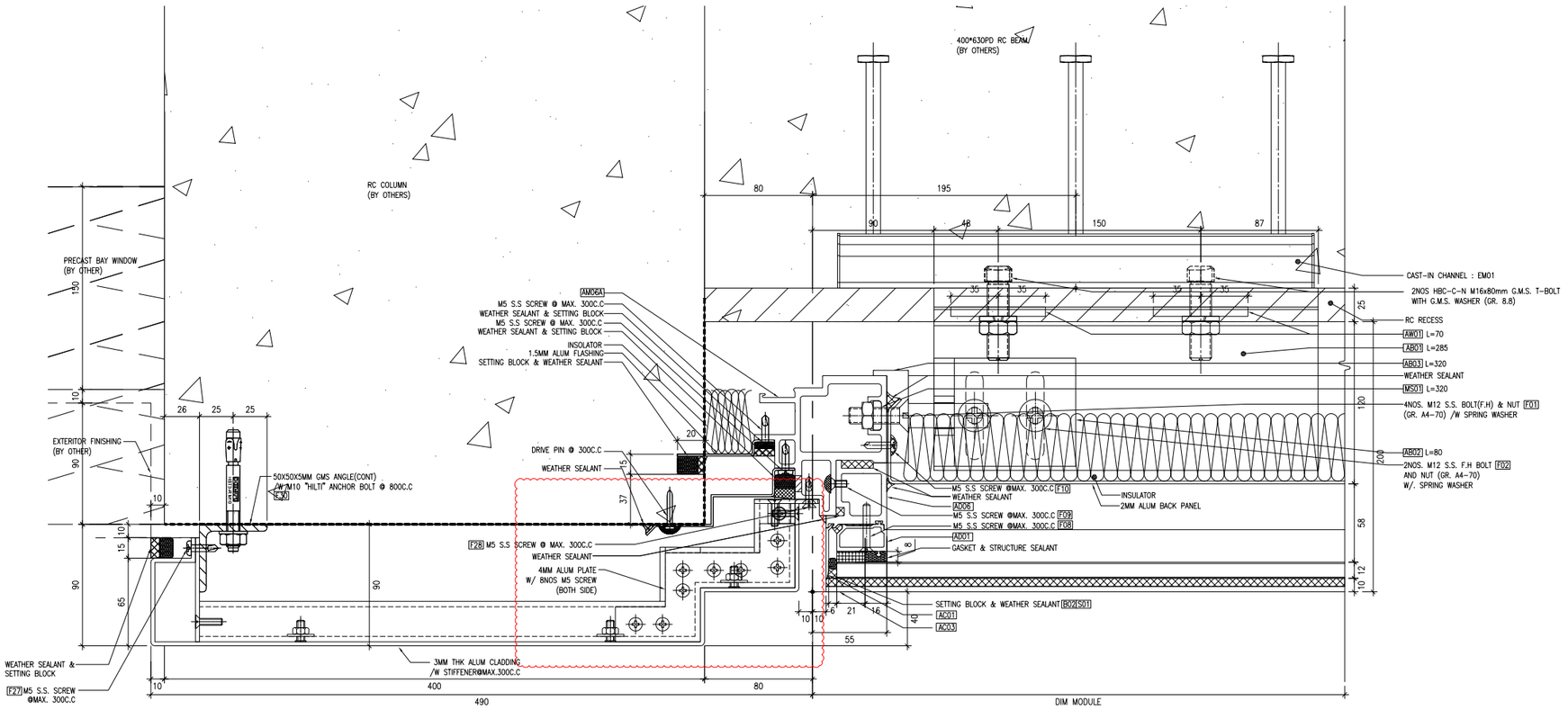
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TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

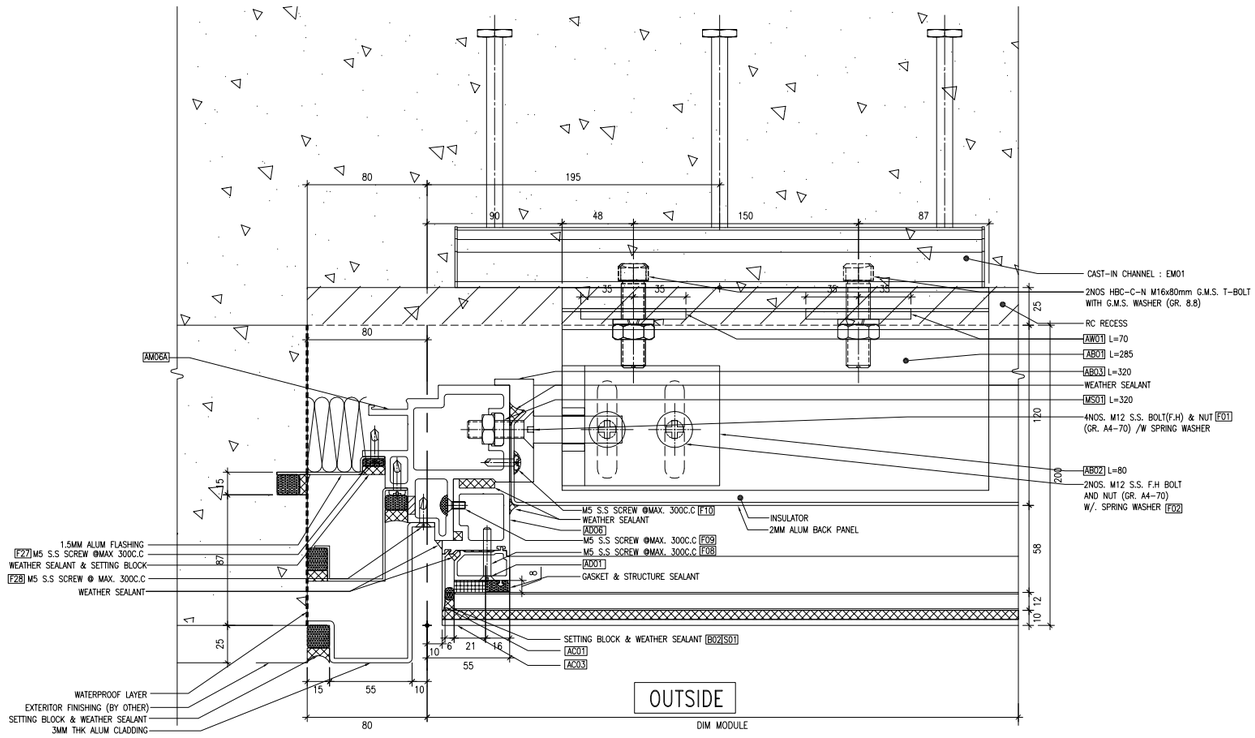
DRAWN BY : C.F | CHECKED BY :

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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-8027 | REV. : A



1 / 8028 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8028 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

ADD SCREW @ STIFFENER TURNING

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

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.

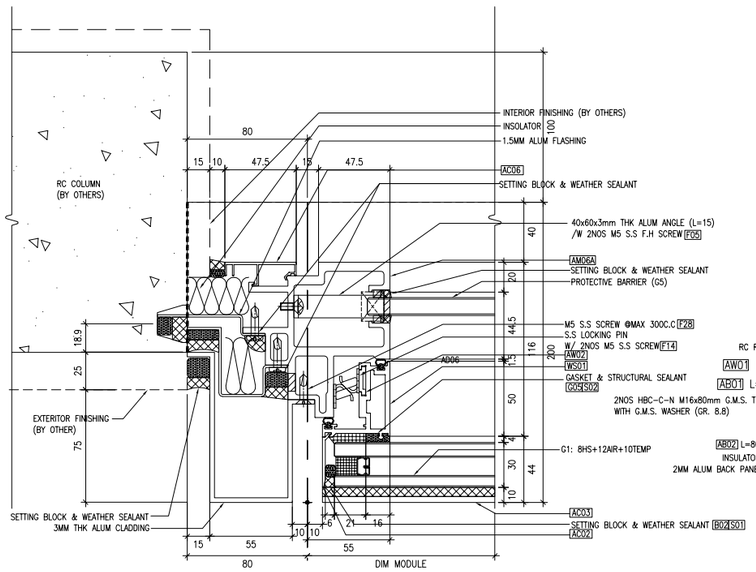
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

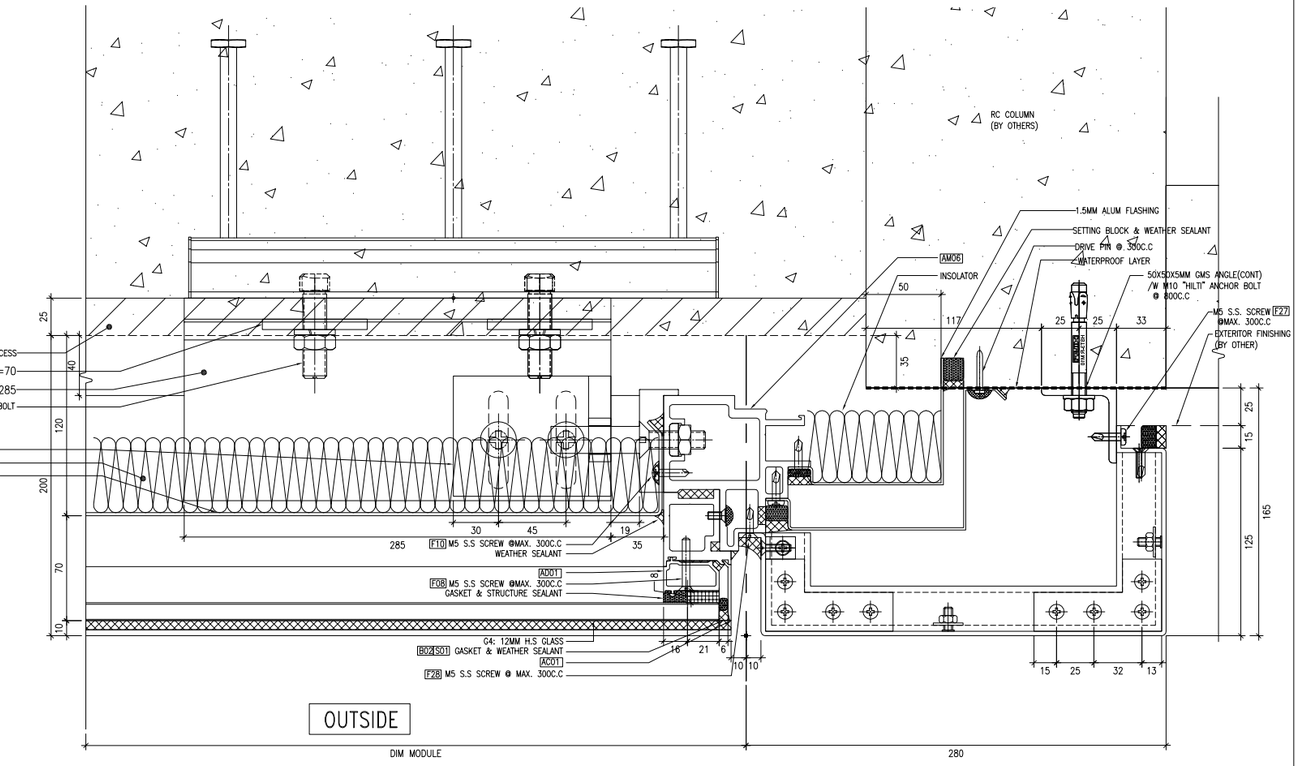
DRAWN BY : C.F | CHECKED BY :

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

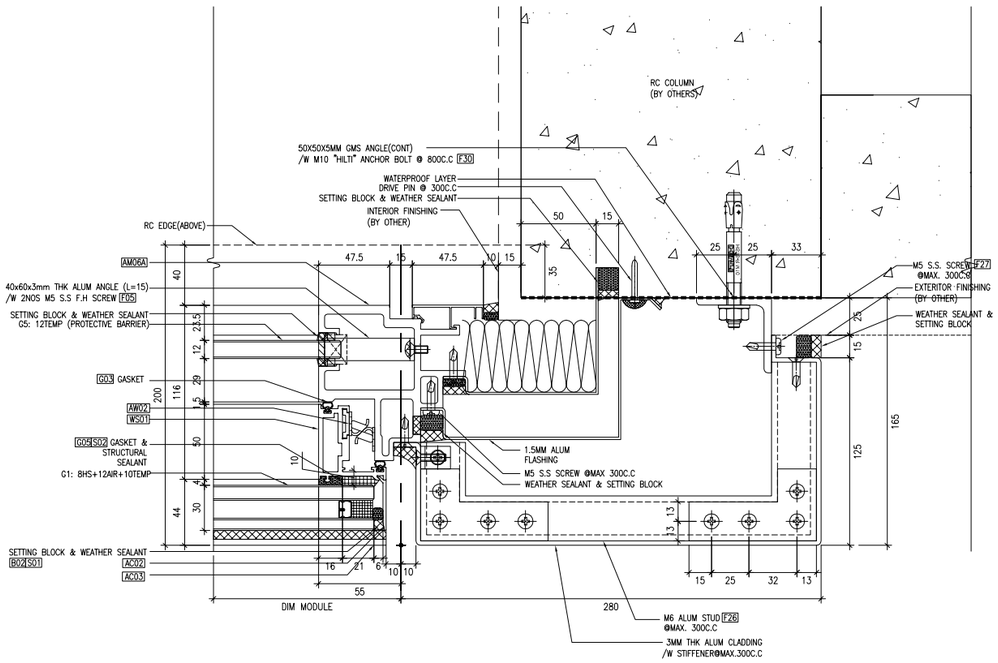
DWG NO. : J856-SD-CW-8028 | REV. : B



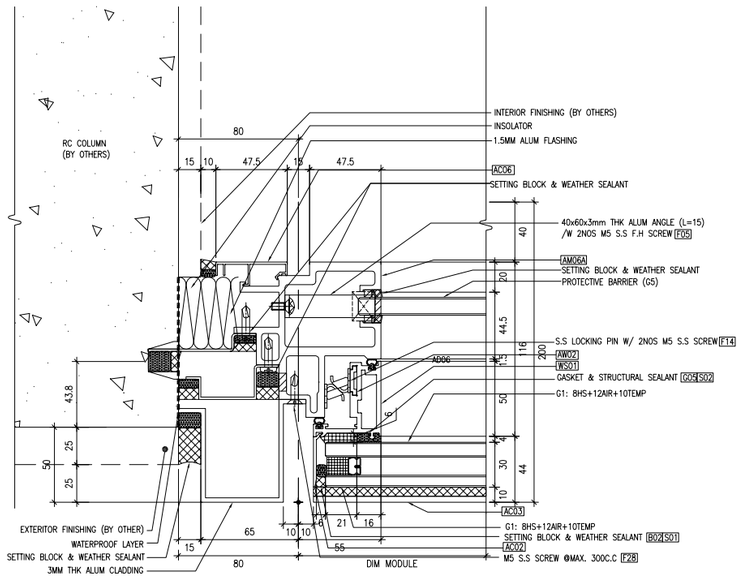
1 8029 *TYPICAL DETAIL OF CURTAIN WALL*



3 8029 *TYPICAL DETAIL OF CURTAIN WALL*



2 8029 *TYPICAL DETAIL OF CURTAIN WALL*



4 8029 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

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. 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	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.

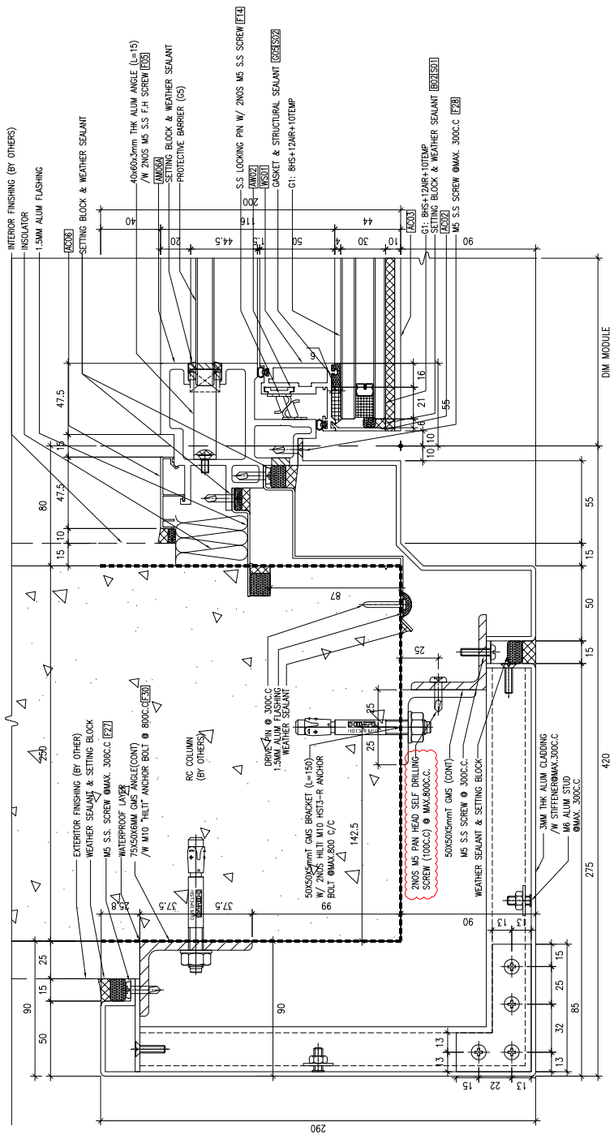
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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

DWG NO. : J856-SD-CW-8029 | REV. : A



B.D. REF :

REVISE SCREW SPACING

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
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.

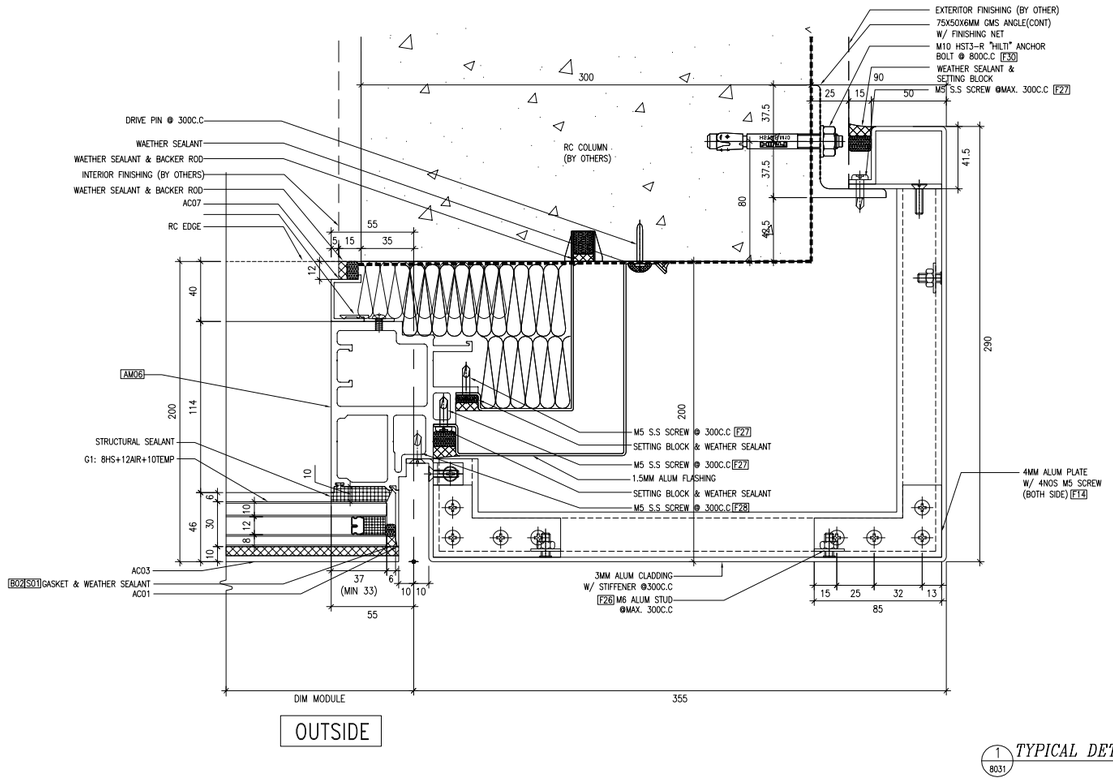
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

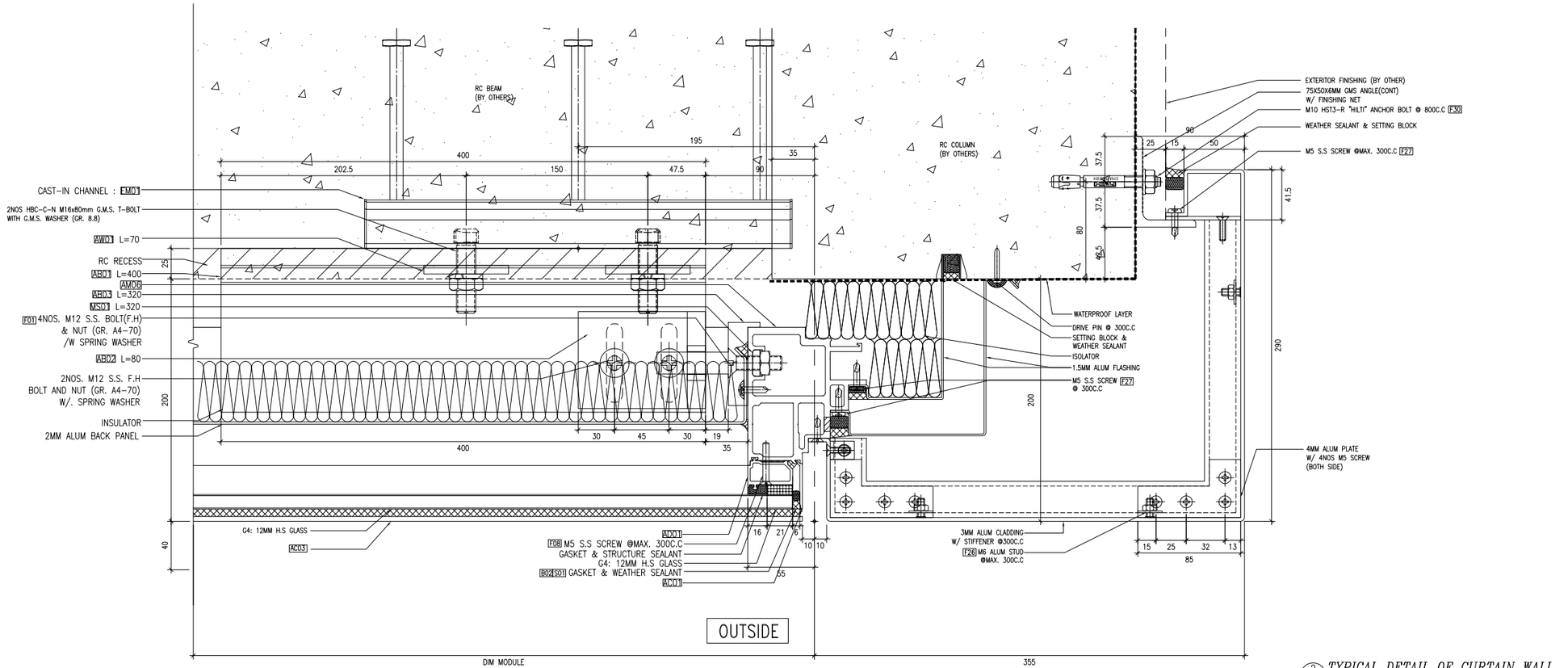
DRAWN BY : C.F | CHECKED BY :

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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-8030 | REV. : B



1 / 8031 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8031 *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

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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.

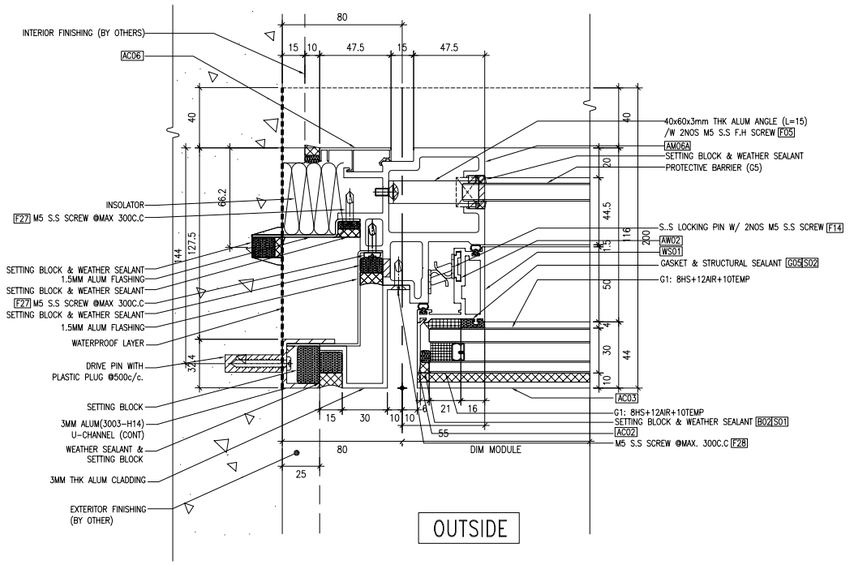
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

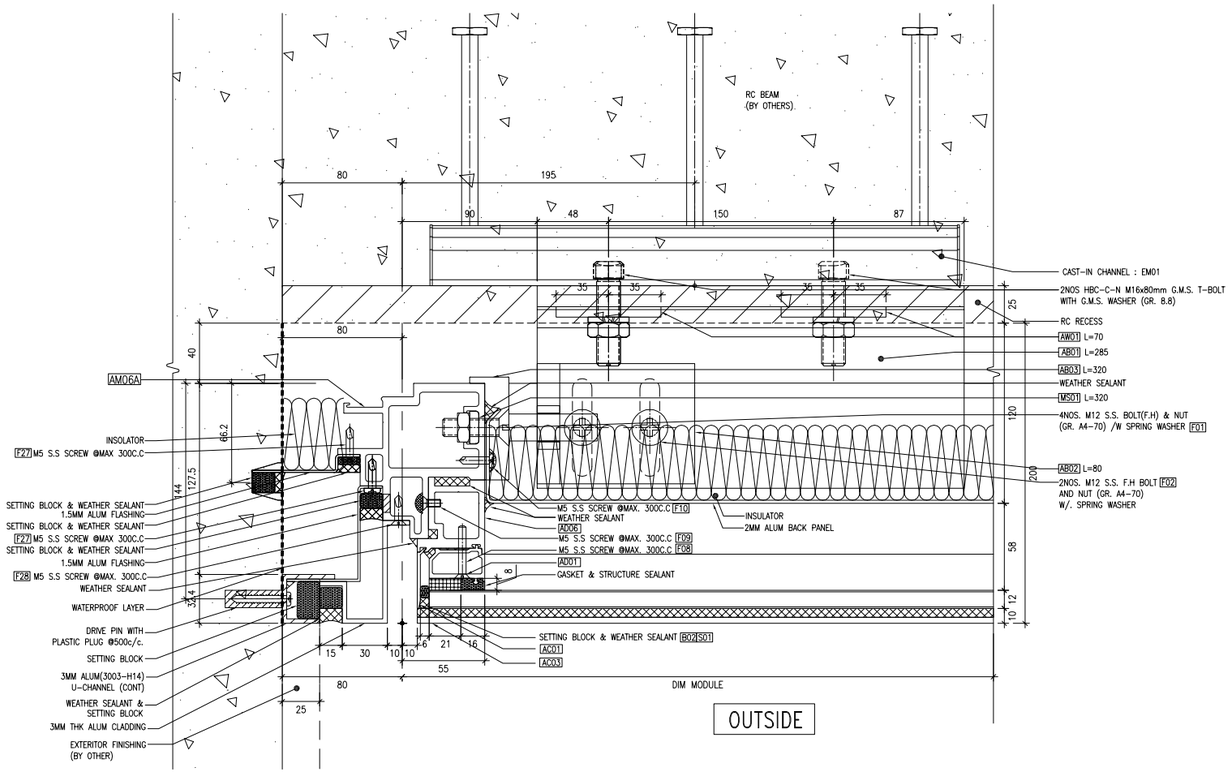
DRAWN BY : C.F | CHECKED BY :

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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-8031 | REV. : A



1/8032 *TYPICAL DETAIL OF CURTAIN WALL*



2/8032 *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 :
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	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.

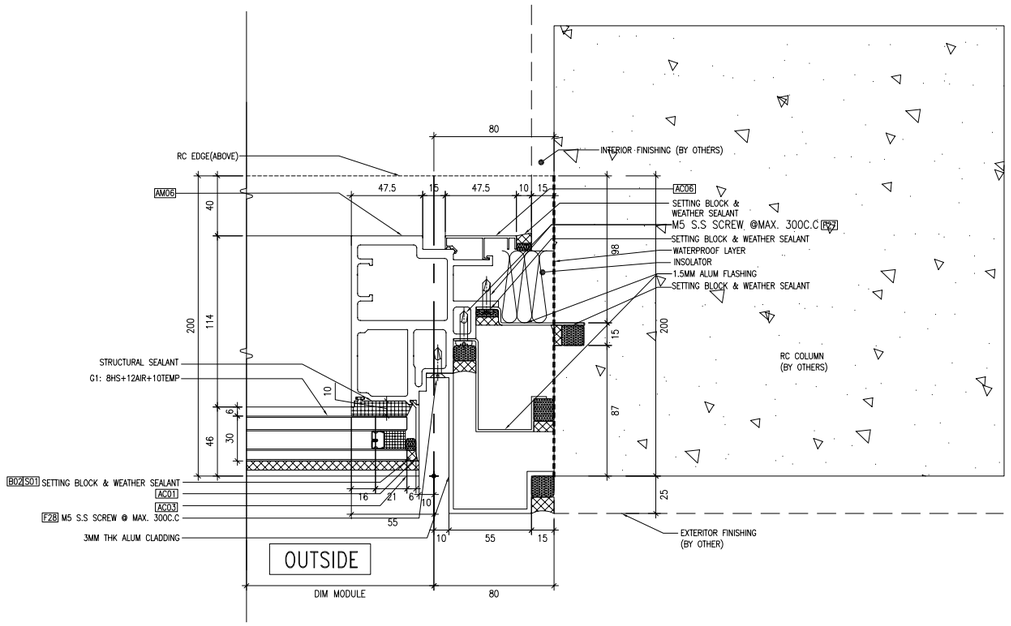
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

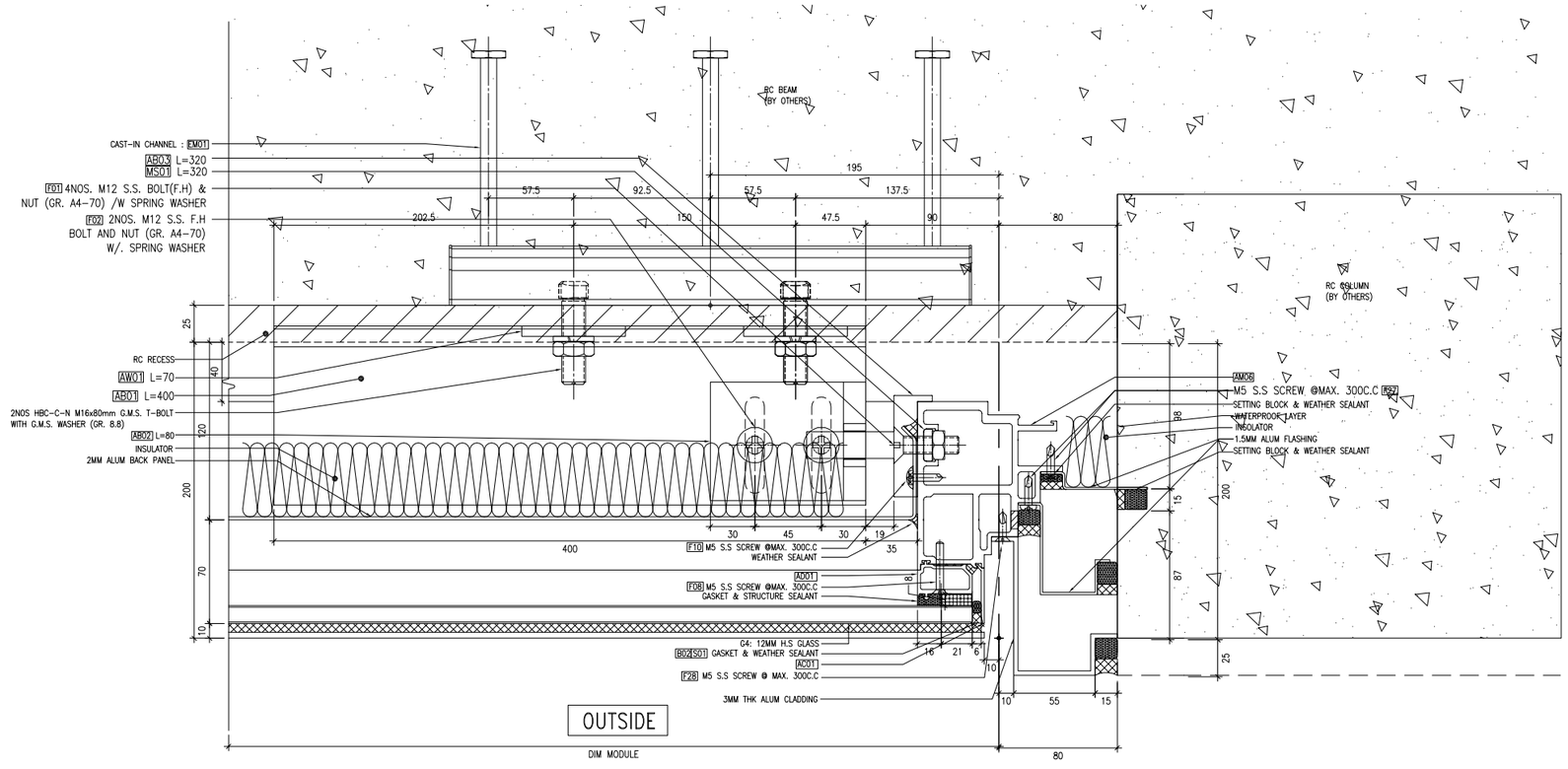
DRAWN BY : C.F | CHECKED BY :

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-8032 | REV. : A



1 / 8033 *TYPICAL DETAIL OF CURTAIN WALL*



2 / 8033 *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

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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.

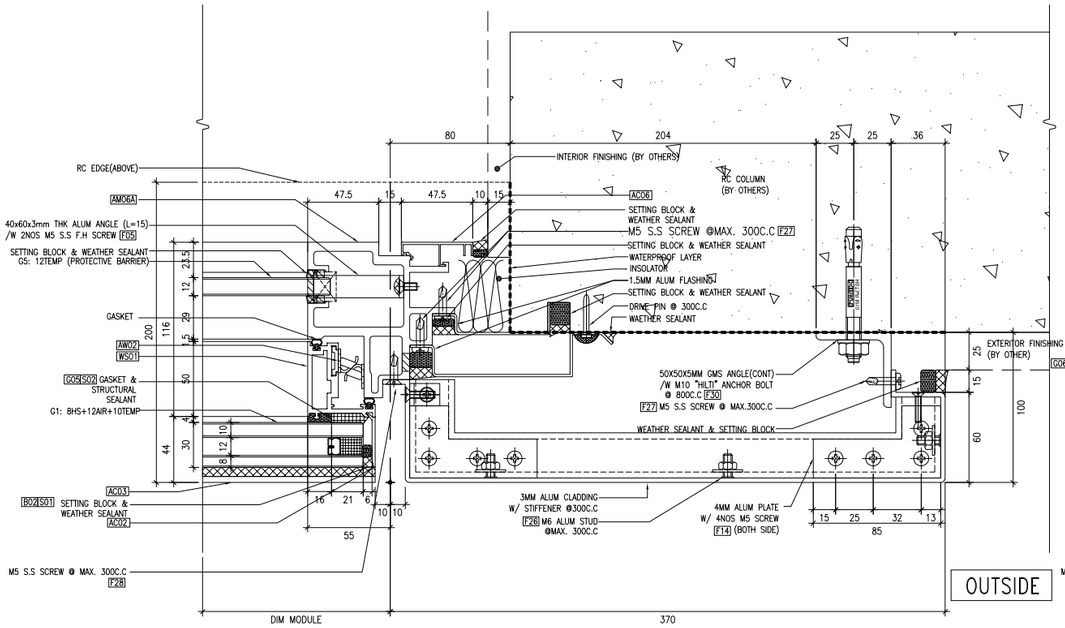
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DATE : 23-JAN-23 | SCALE : 1:4

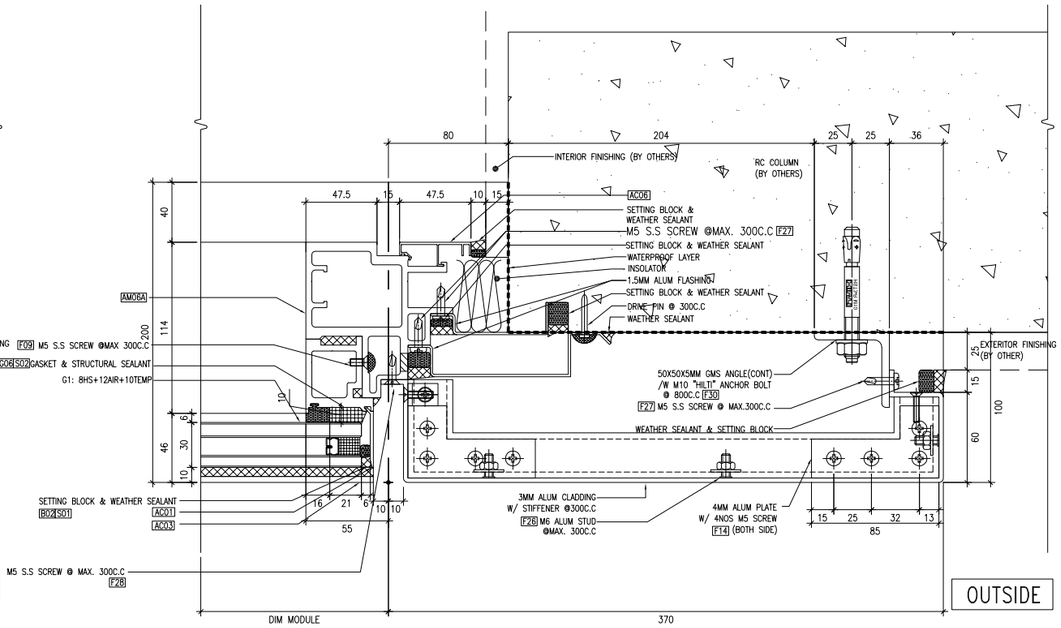
DRAWN BY : C.F | CHECKED BY :

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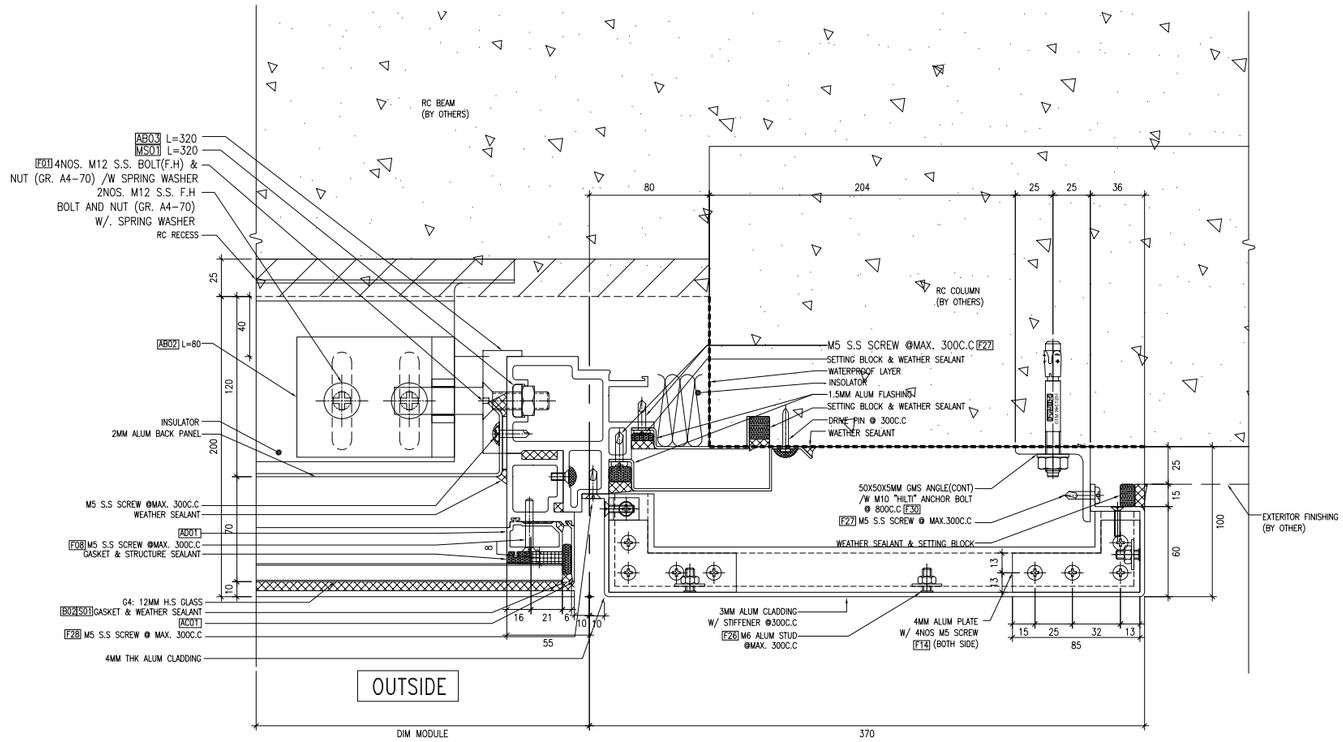
DWG NO. : J856-SD-CW-8033 | REV. : A



1 8034 *TYPICAL DETAIL OF CURTAIN WALL*



2 8034 *TYPICAL DETAIL OF CURTAIN WALL*



3 8034 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

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 :

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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
–	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.

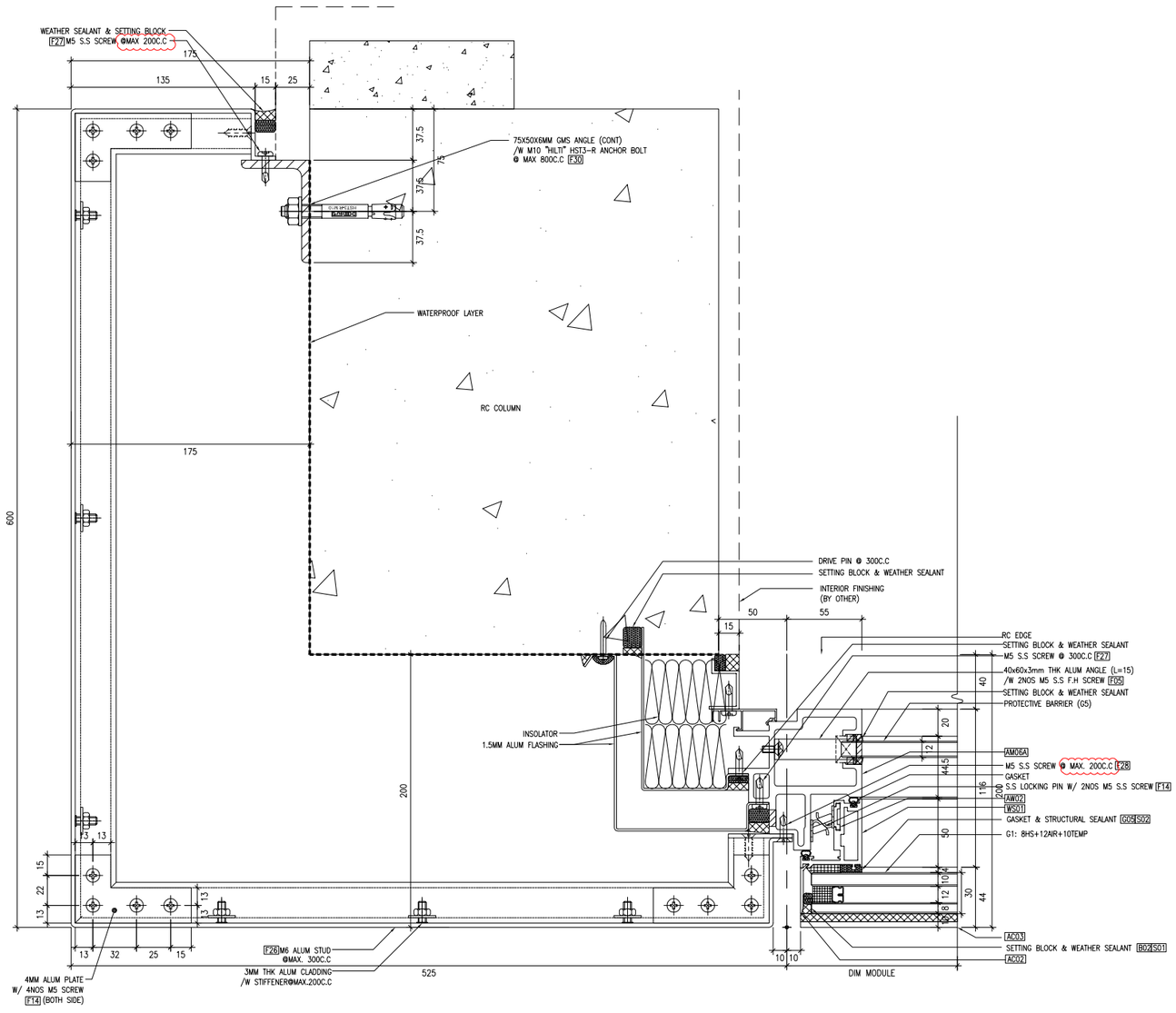
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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 :

REVISE SCREW SPACING

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

NO.	DATE	REVISED	BY
			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.

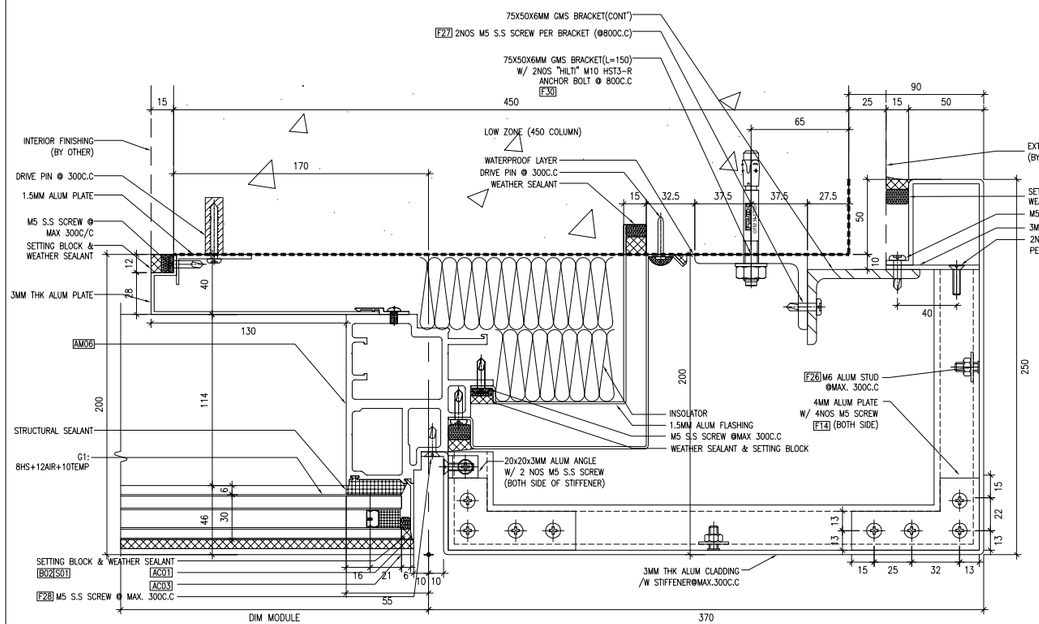
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

DRAWN BY : C.F | CHECKED BY :

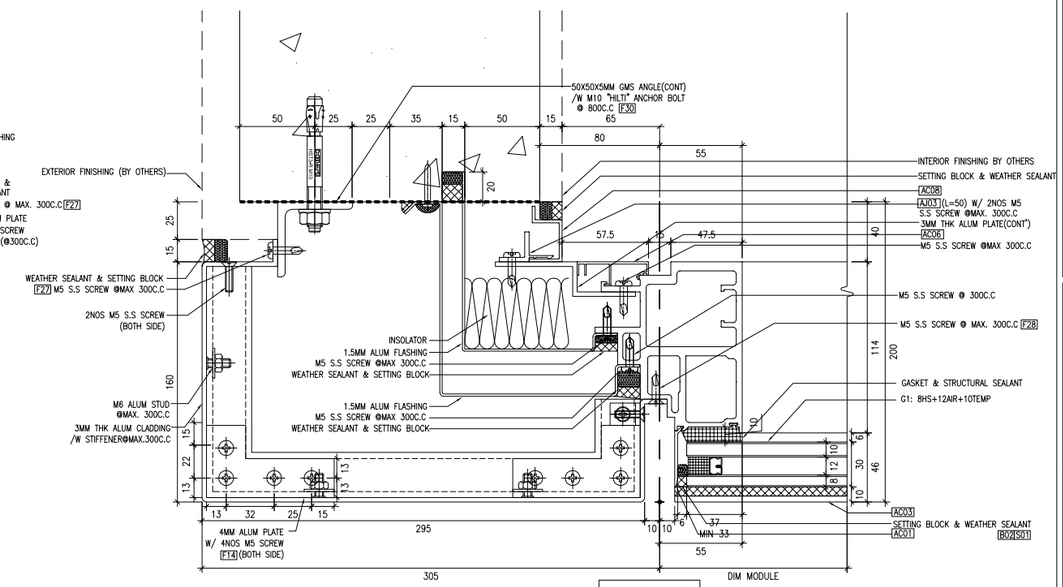
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8035 | REV. : B

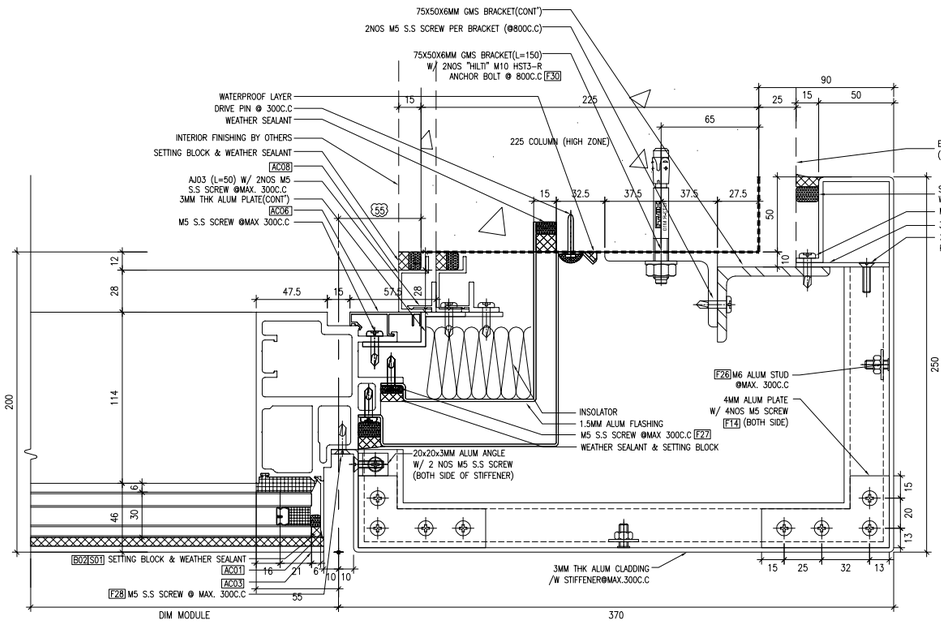


1 8036 *TYPICAL DETAIL OF CURTAIN WALL*

TCW-PE102-1(LOW ZONE 3-12/F)

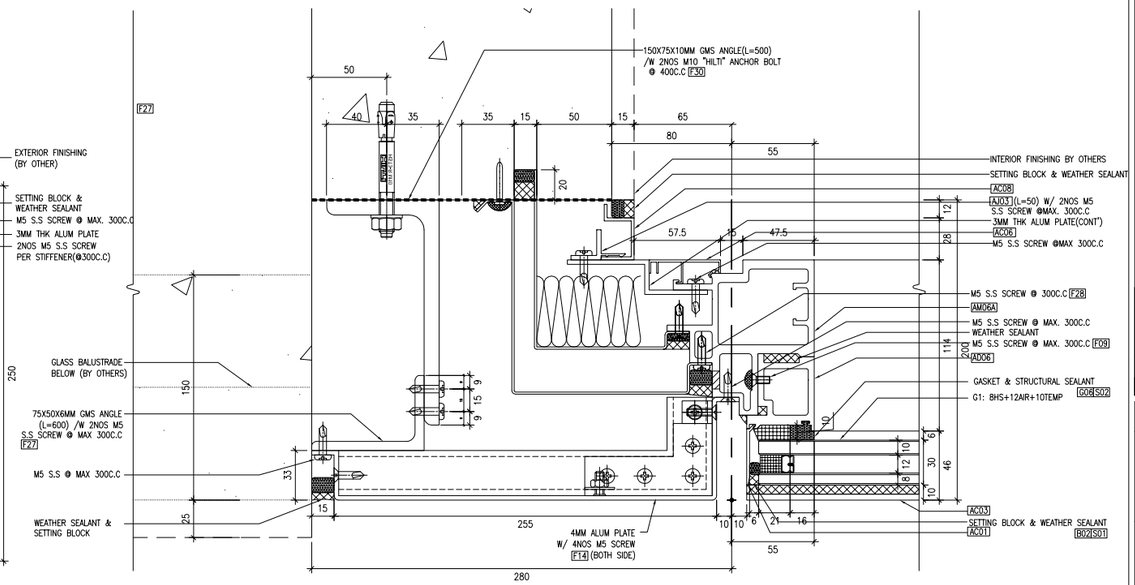


3 8036 *TYPICAL DETAIL OF CURTAIN WALL*



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 :

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

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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.

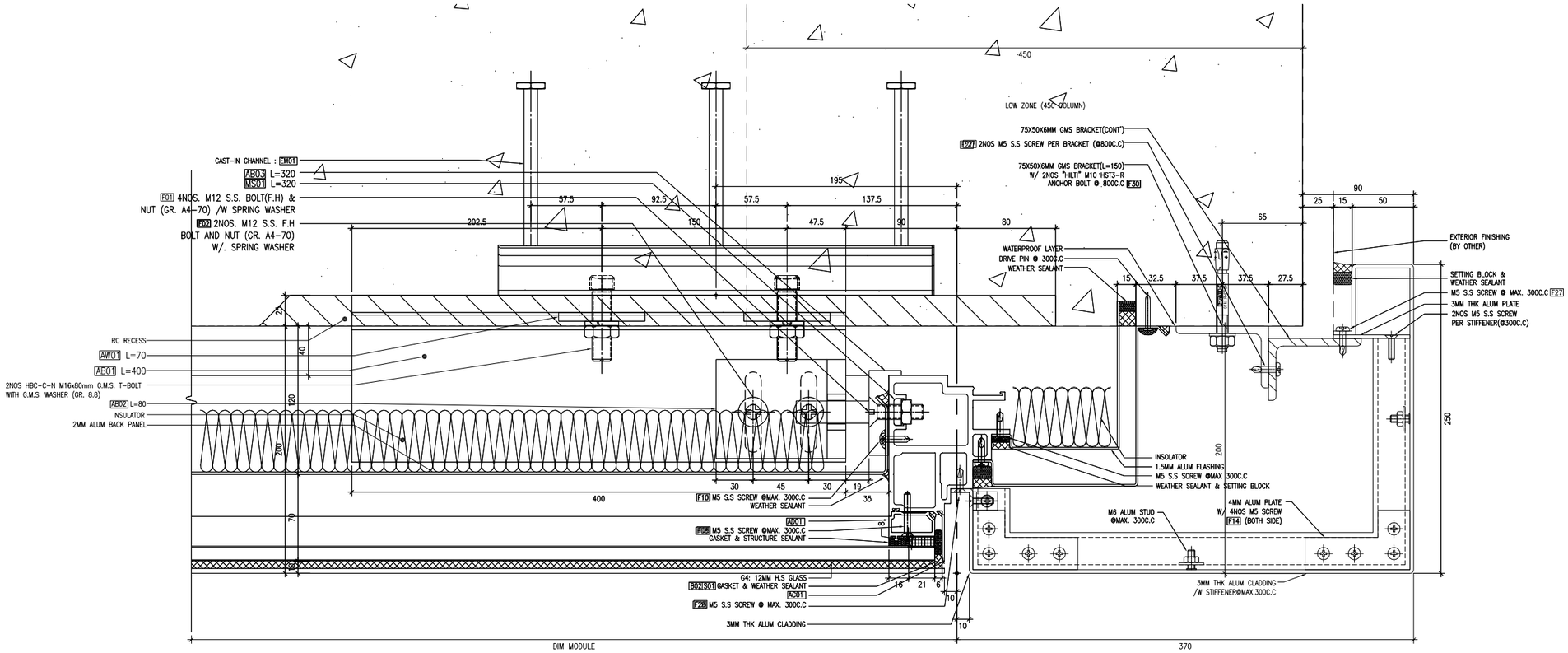
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

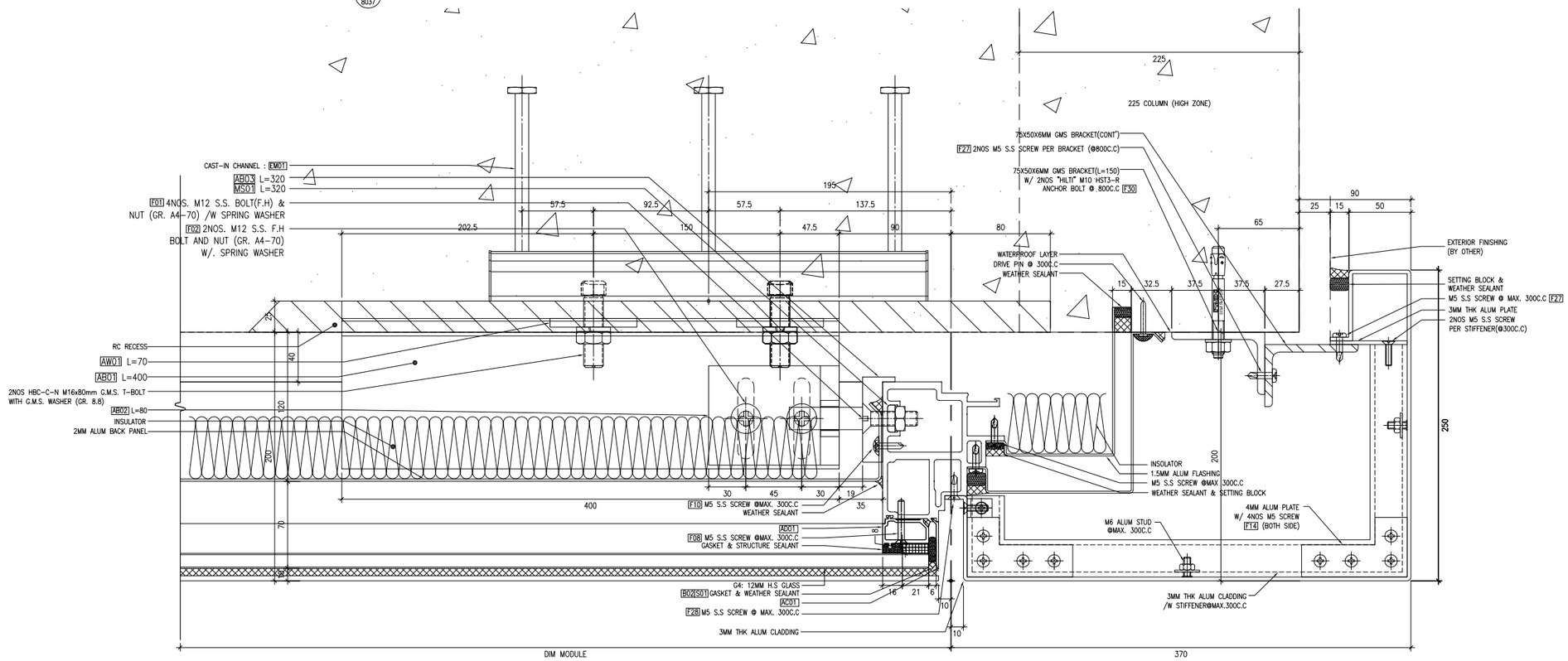
DRAWN BY : C.F | CHECKED BY :

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 :

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

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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

JOB NO. : J-856

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

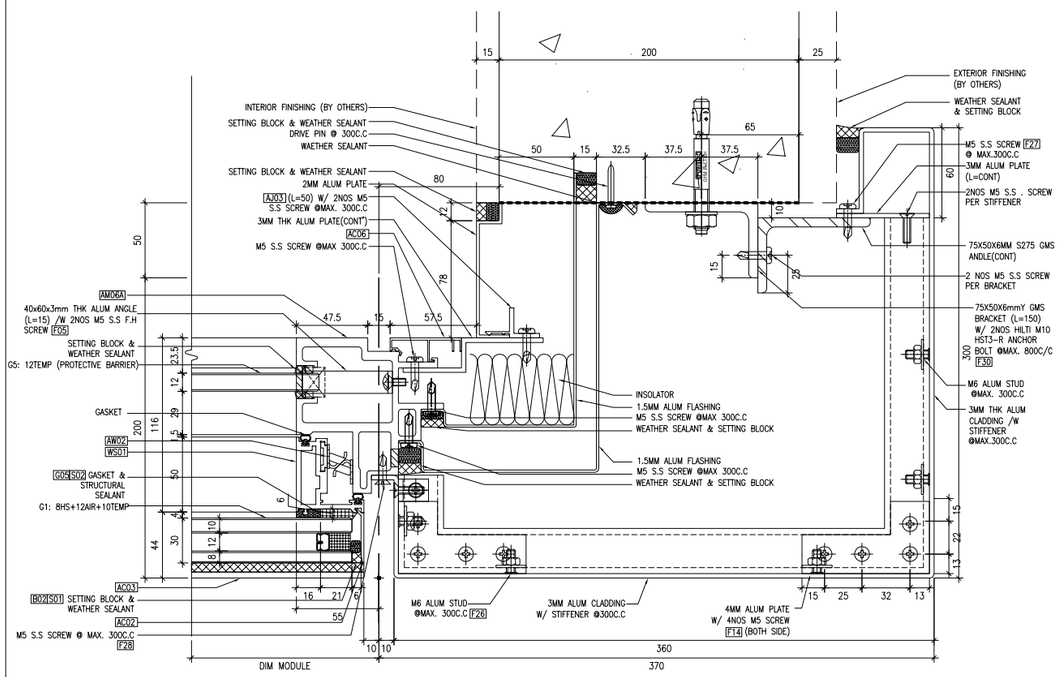
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

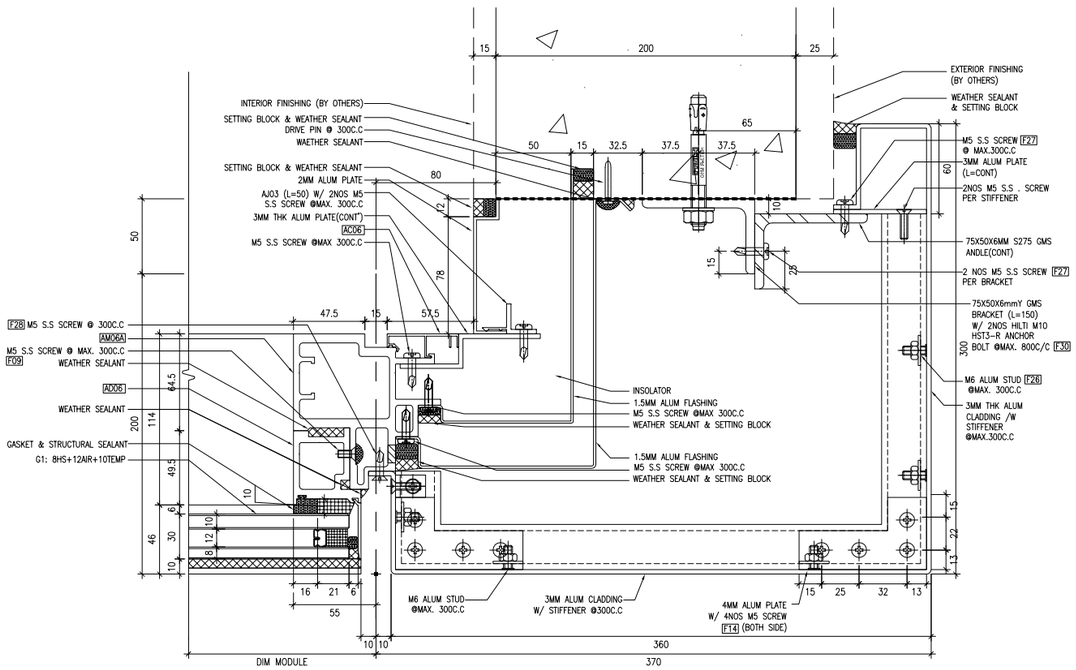
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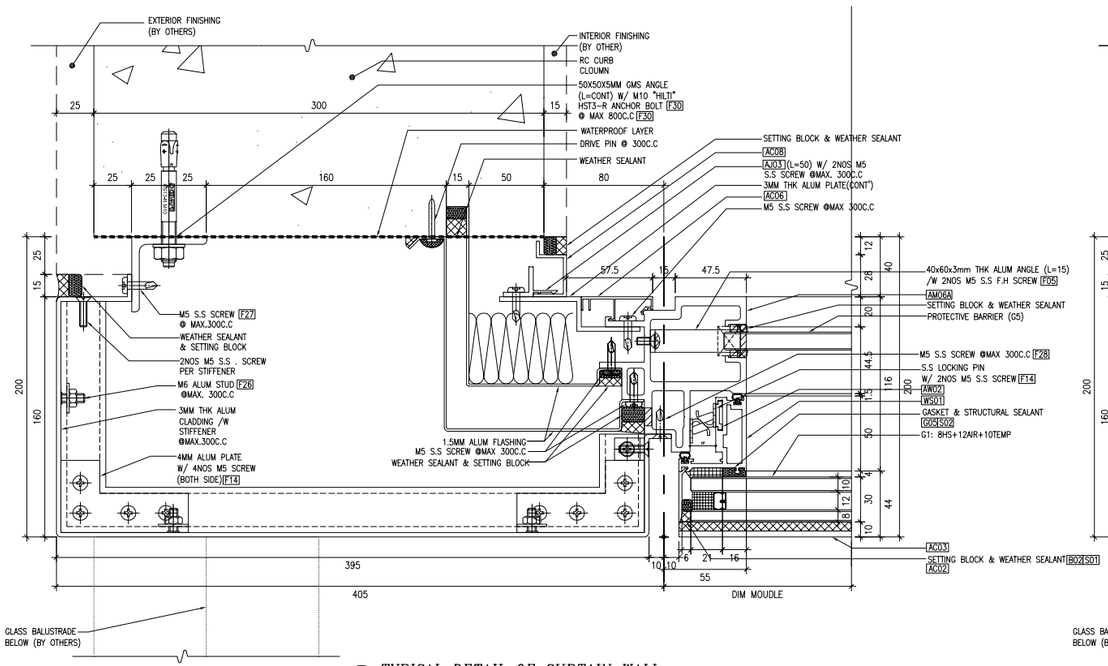
DWG NO. : J856-SD-CW-8037 | REV. : A



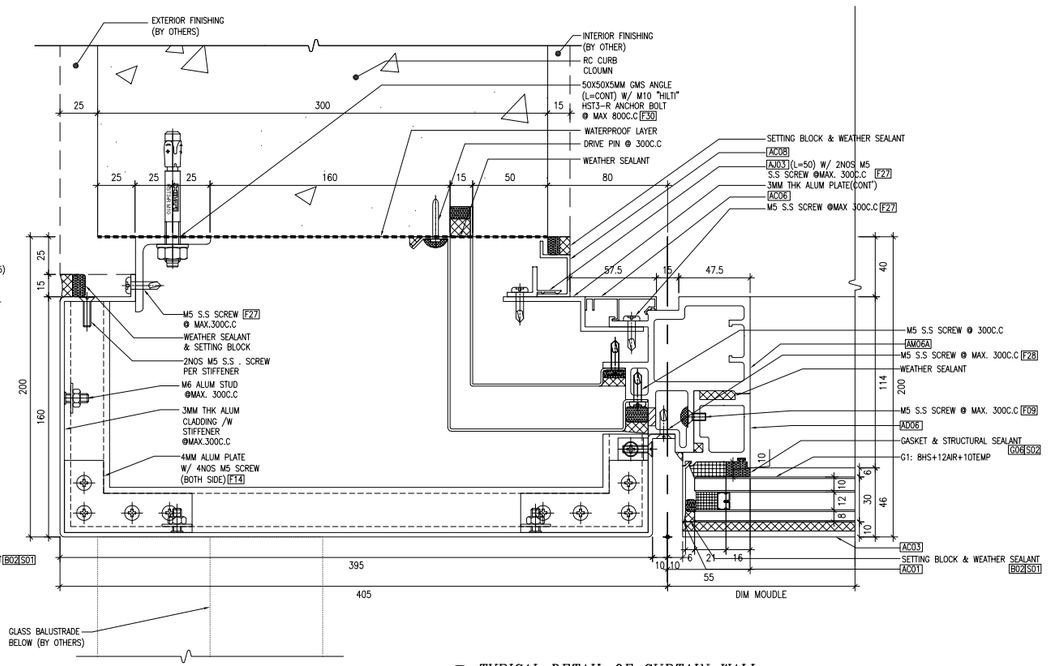
1 8038 *TYPICAL DETAIL OF CURTAIN WALL*



2 8038 *TYPICAL DETAIL OF CURTAIN WALL*



3 8038 *TYPICAL DETAIL OF CURTAIN WALL*



4 8038 *TYPICAL DETAIL OF CURTAIN WALL*

B.D. REF :

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:

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Steel Structure & Facade Specialist

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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.

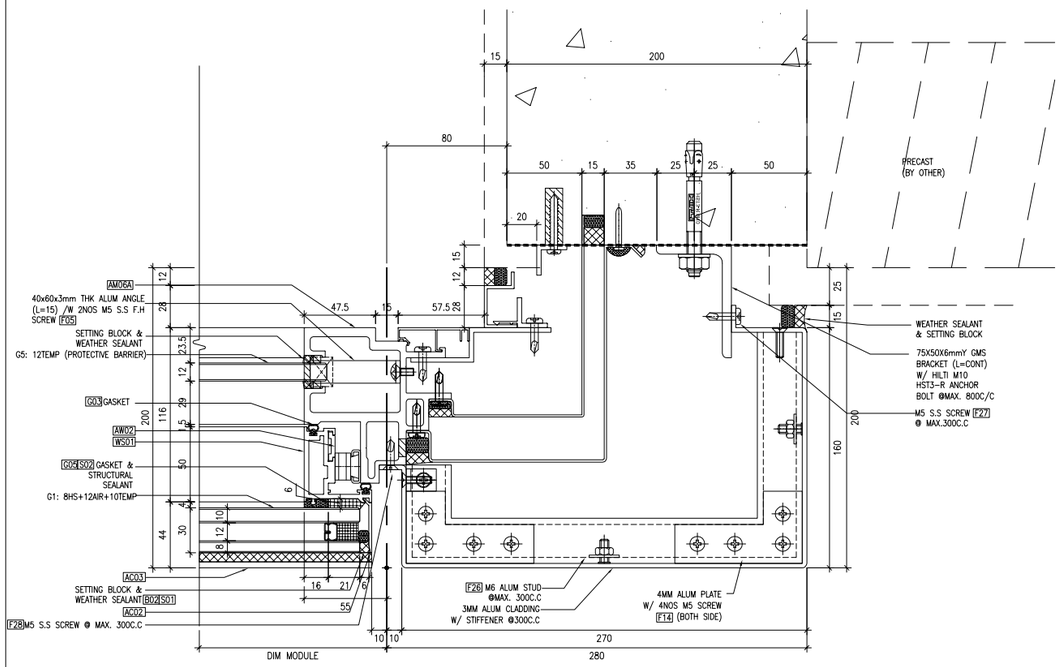
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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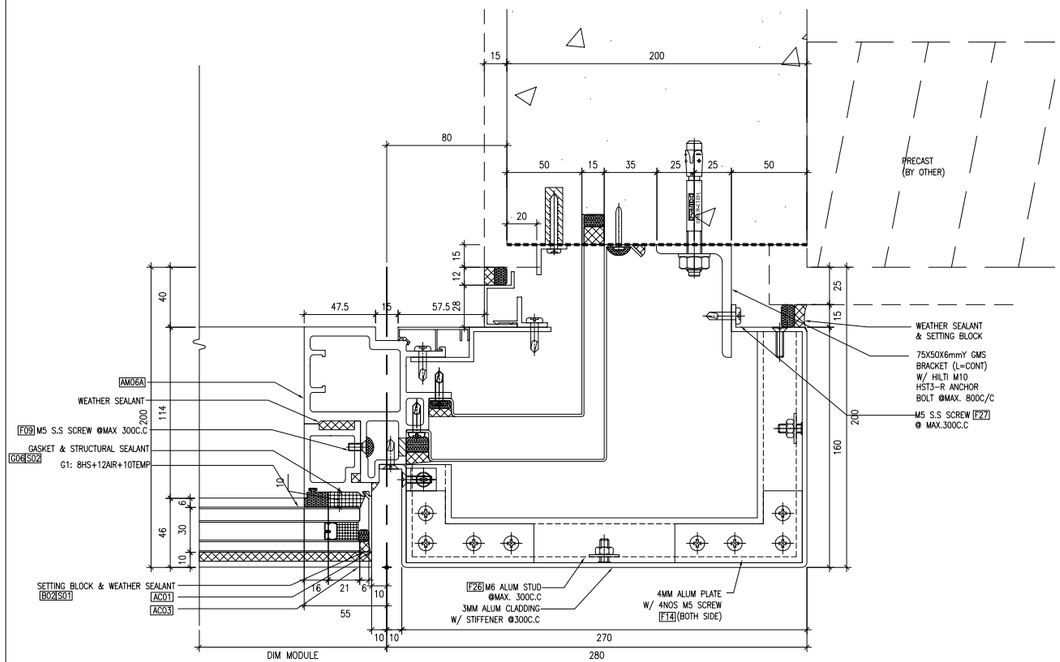
DRAWN BY : C.F | CHECKED BY :

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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 :

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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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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.

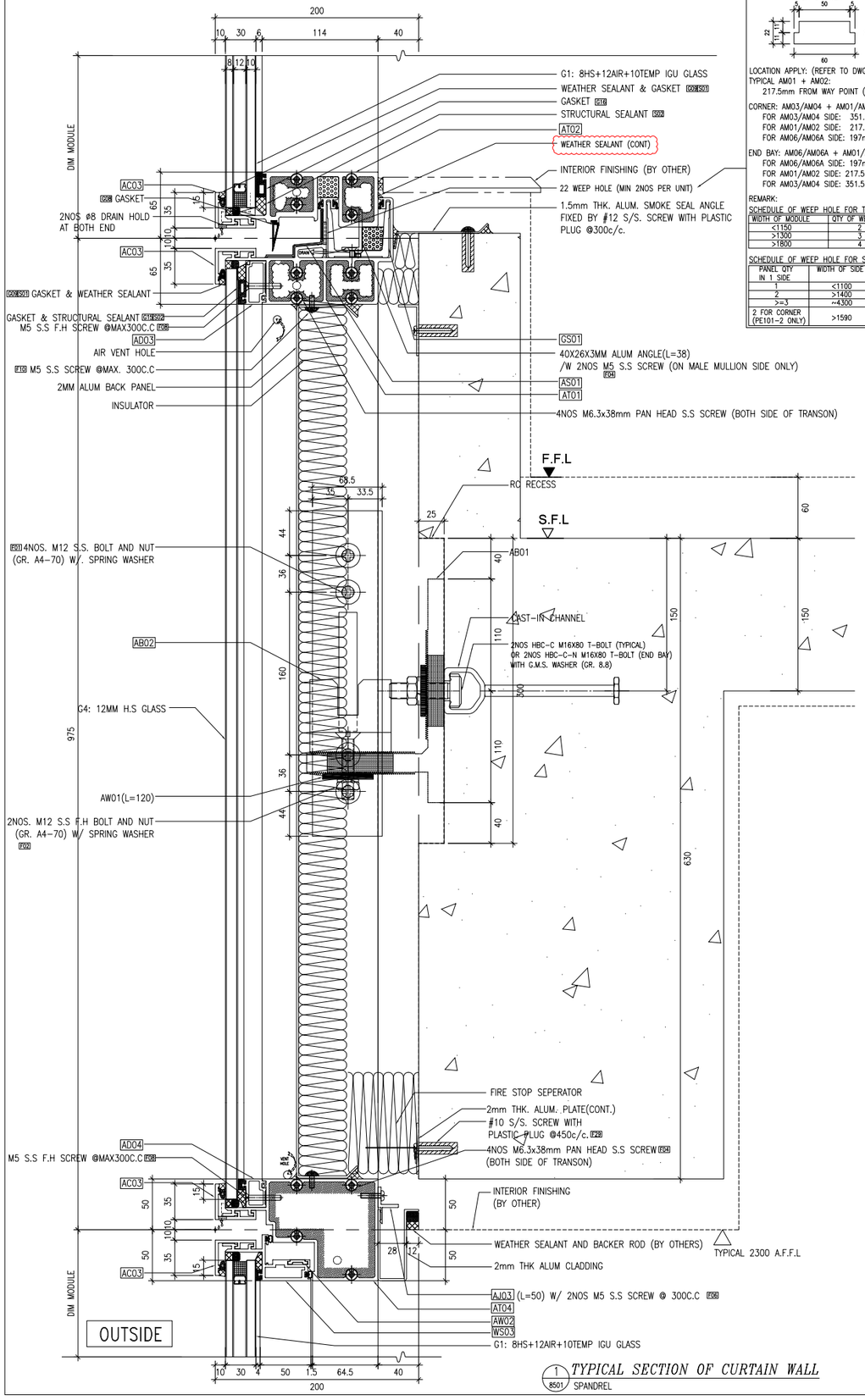
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TYPICAL DETAIL FOR CURTAIN WALL

DATE : 23-JAN-23 | SCALE : 1:4

DRAWN BY : C.F | CHECKED BY :

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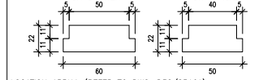
DWG NO. : J856-SD-CW-8039 | REV. : -



1 / 8501 *TYPICAL SECTION OF CURTAIN WALL* SPANDREL

22 WEEP HOLE (HIGH) :

FOR STARTER / FOR TYPICAL



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

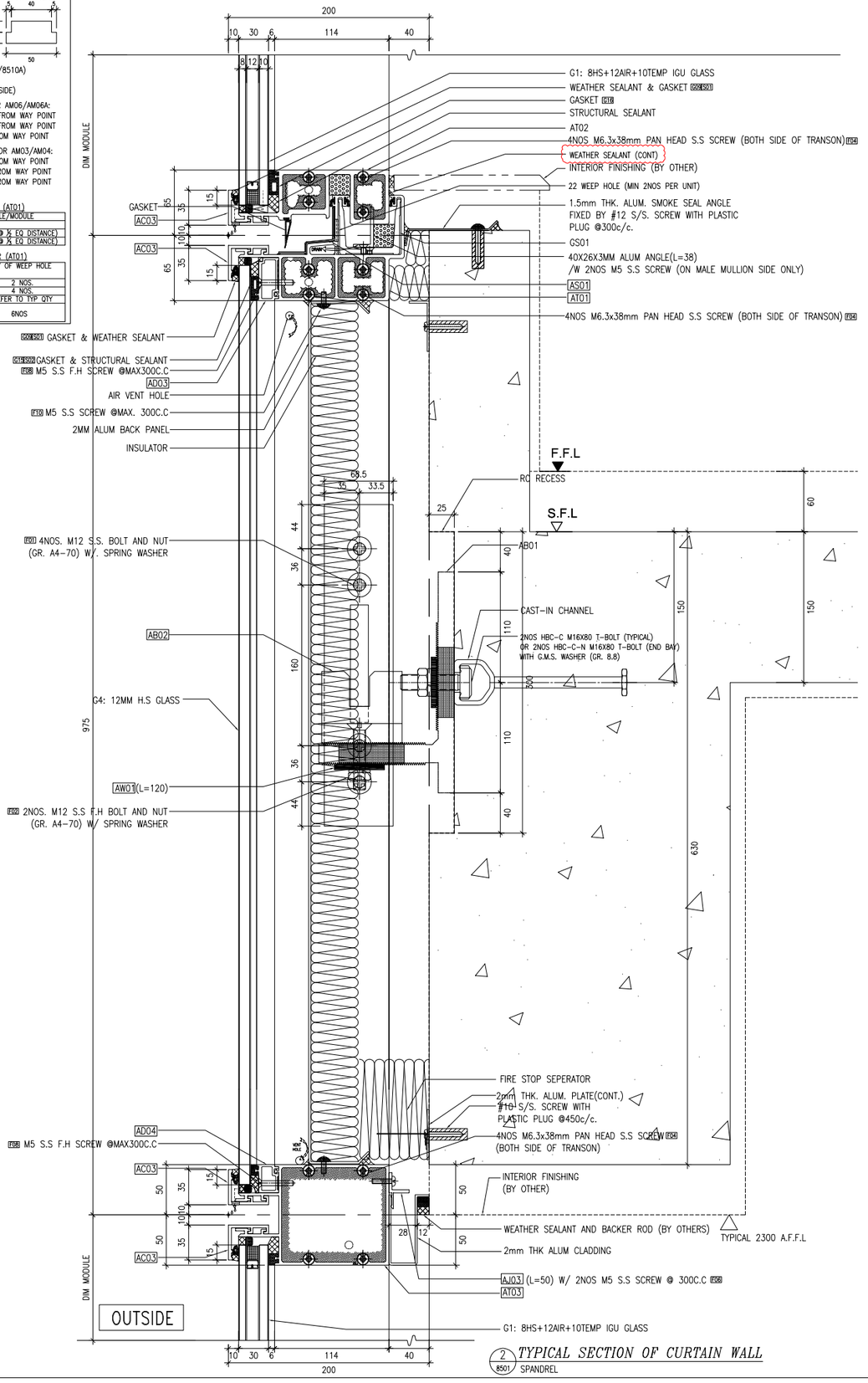
REMARK:

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

B.D. REF :

REVISE SEALANT APPLY ON BACK OF TRANSOM AS VMU INSTALLATION SITE COMMENT

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
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.

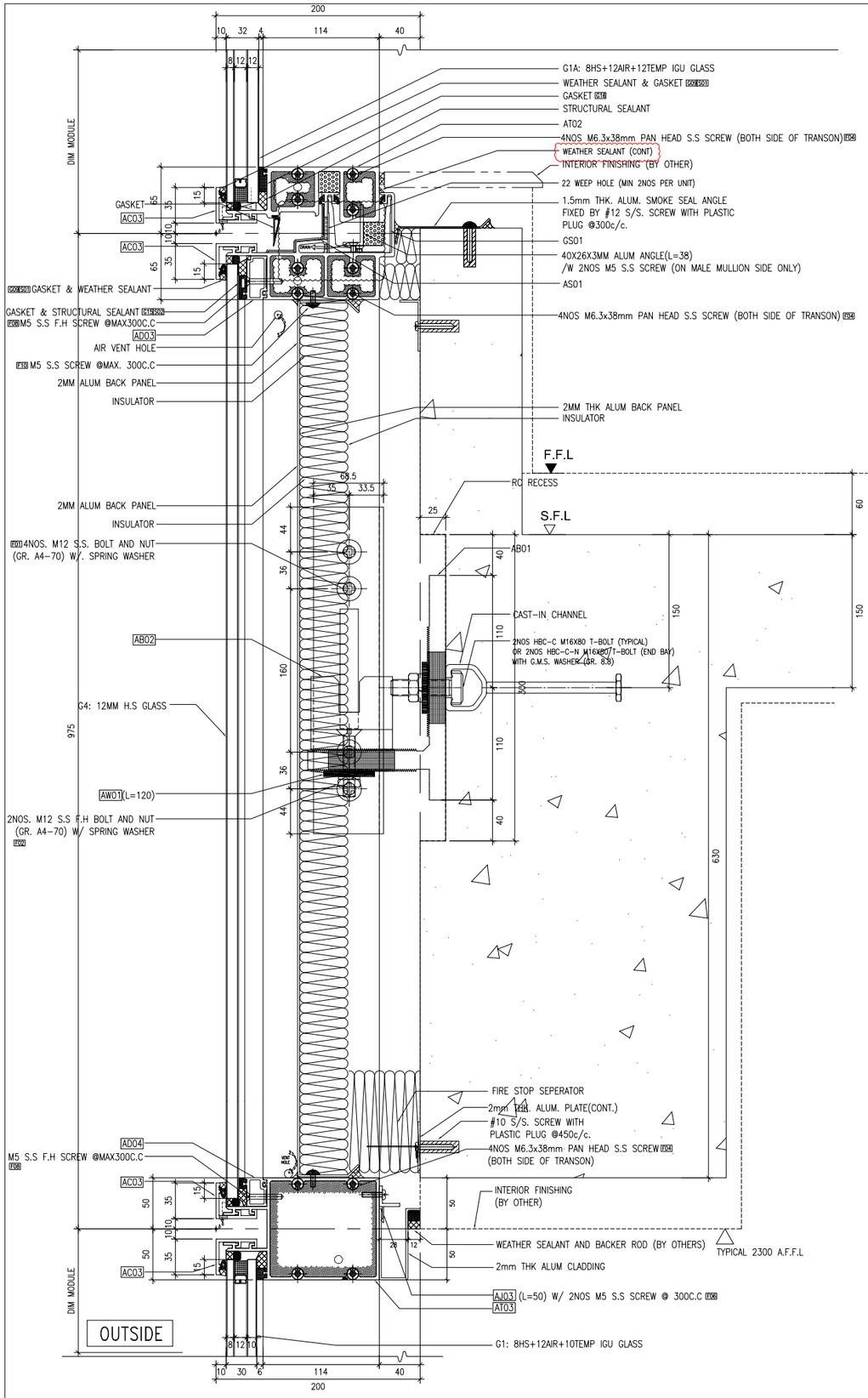
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

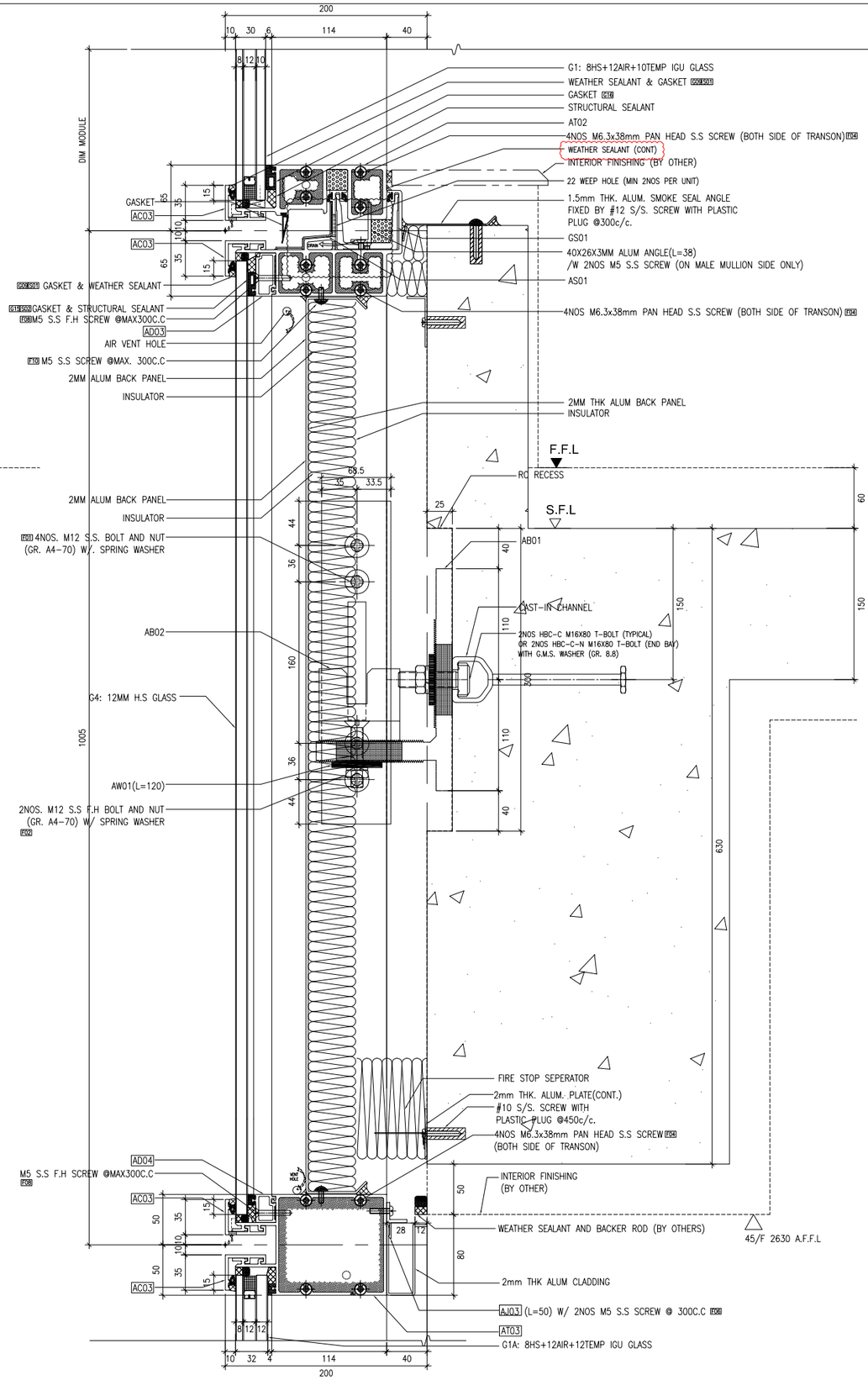
DRAWN BY : C.F | CHECKED BY :

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. : D



1 8501A *TYPICAL SECTION OF CURTAIN WALL*
SPANDREL



2 8501A *TYPICAL SECTION OF CURTAIN WALL*
SPANDREL

B.D. REF :

REVISE SEALANT APPLY ON BACK OF TRANSOM AS VMU INSTALLATION SITE COMMENT

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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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-	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.

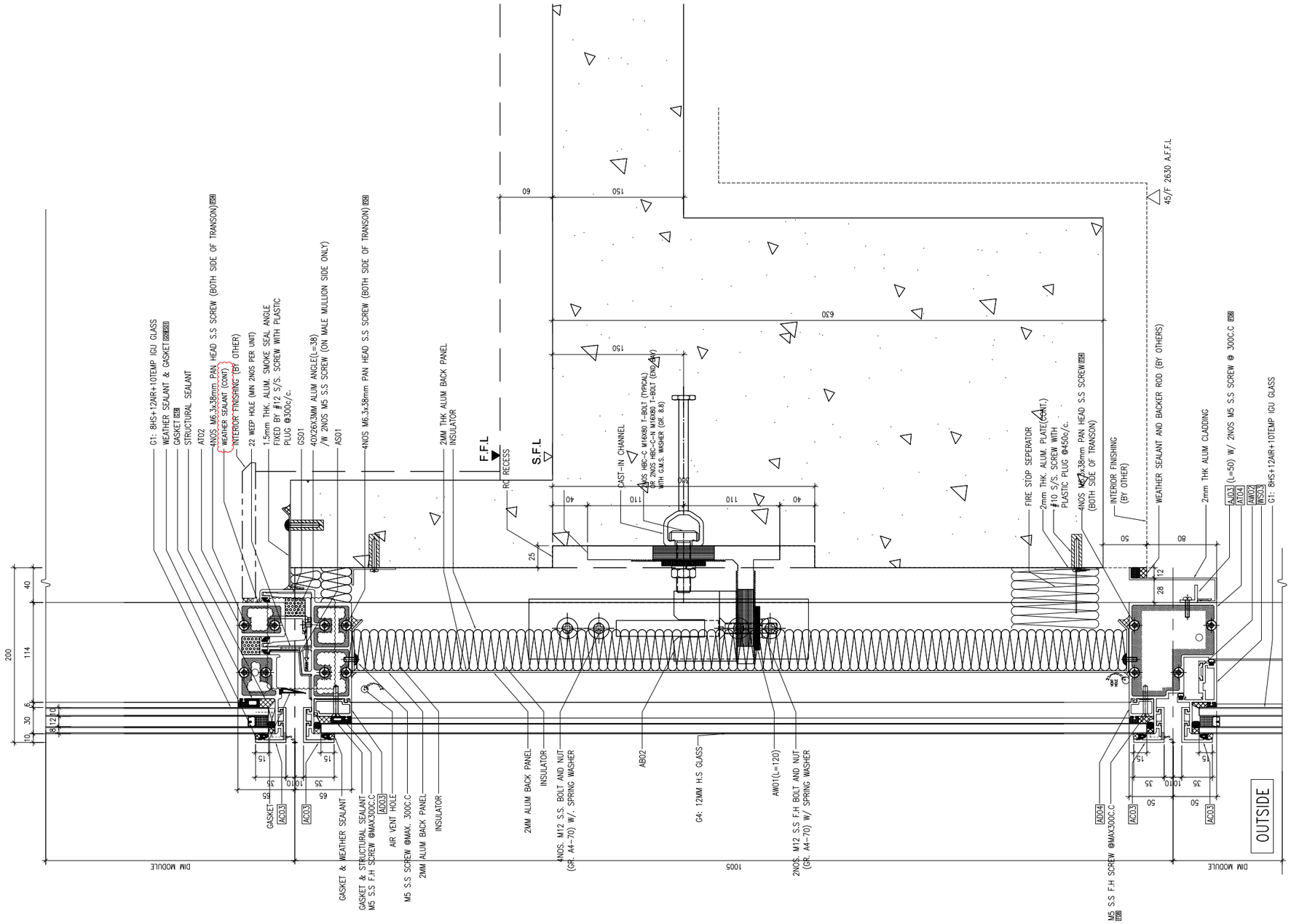
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TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

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-8501A | REV. : D



2 TYPICAL SECTION OF CURTAIN WALL
SCALE 1:5

B.D. REF :

REVISE SEALANT APPLY ON BACK OF TRANSOM AS VMU INSTALLATION SITE COMMENT

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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A	10-MAY-2023	5TH SUBMISSION	CF
–	21-FEB-2023	NEW DRAWING (4TH SUBMISSION)	CF

JOB NO. : J-856

PROJECT :
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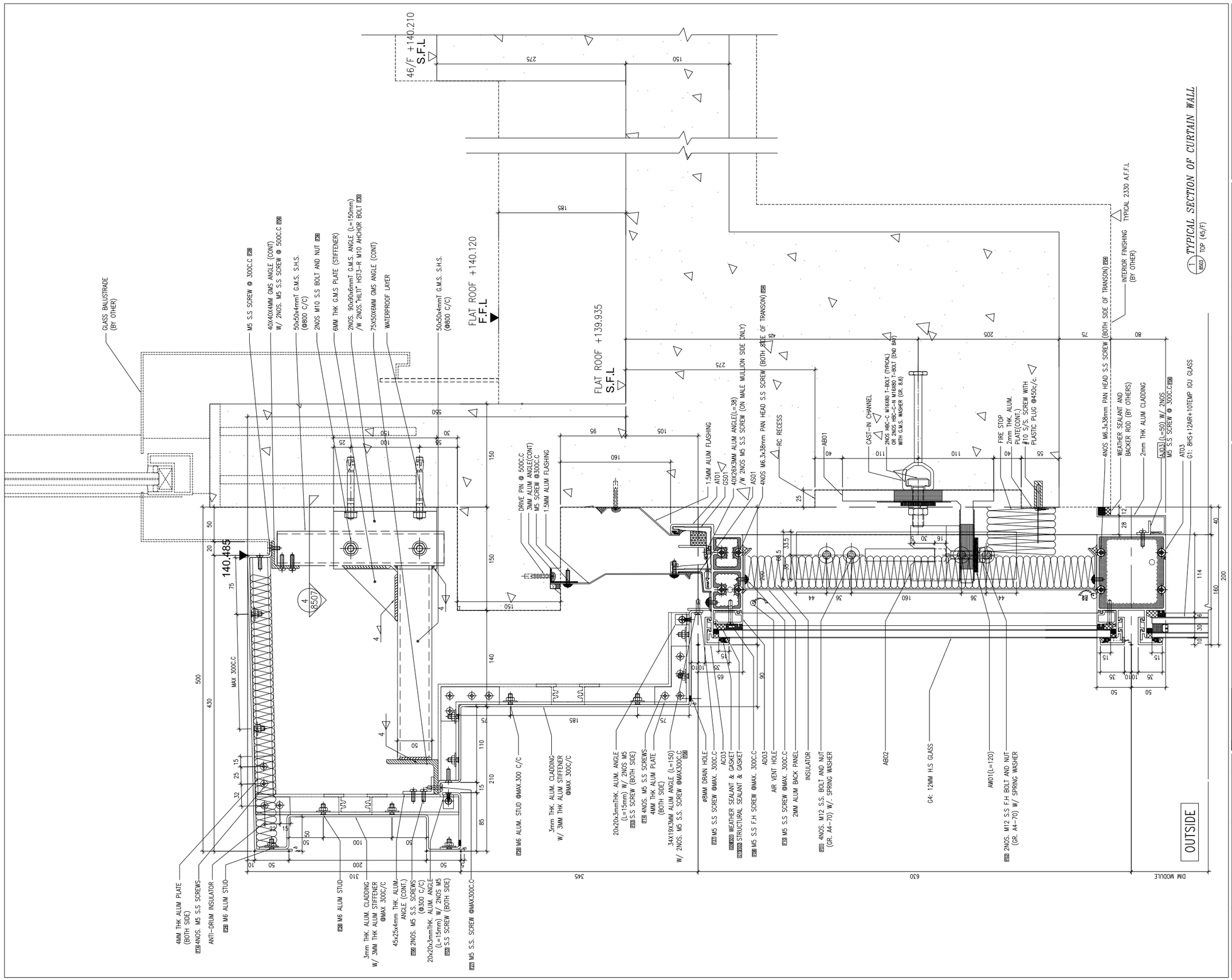
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DATE : 31-OCT-22 | SCALE : 1:5

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

DWG NO. : J856-SD-CW-8501B | REV. : B



1 TYPICAL SECTION OF CURTAIN WALL (8503) TOP (45/F)

B.D. REF :

NO CHANGE
TOP FEATURE NOT CHANGE YET,
IT NEED TO BE REDESIGN
SINCE ARCHITECT RE-LAYOUT

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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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.

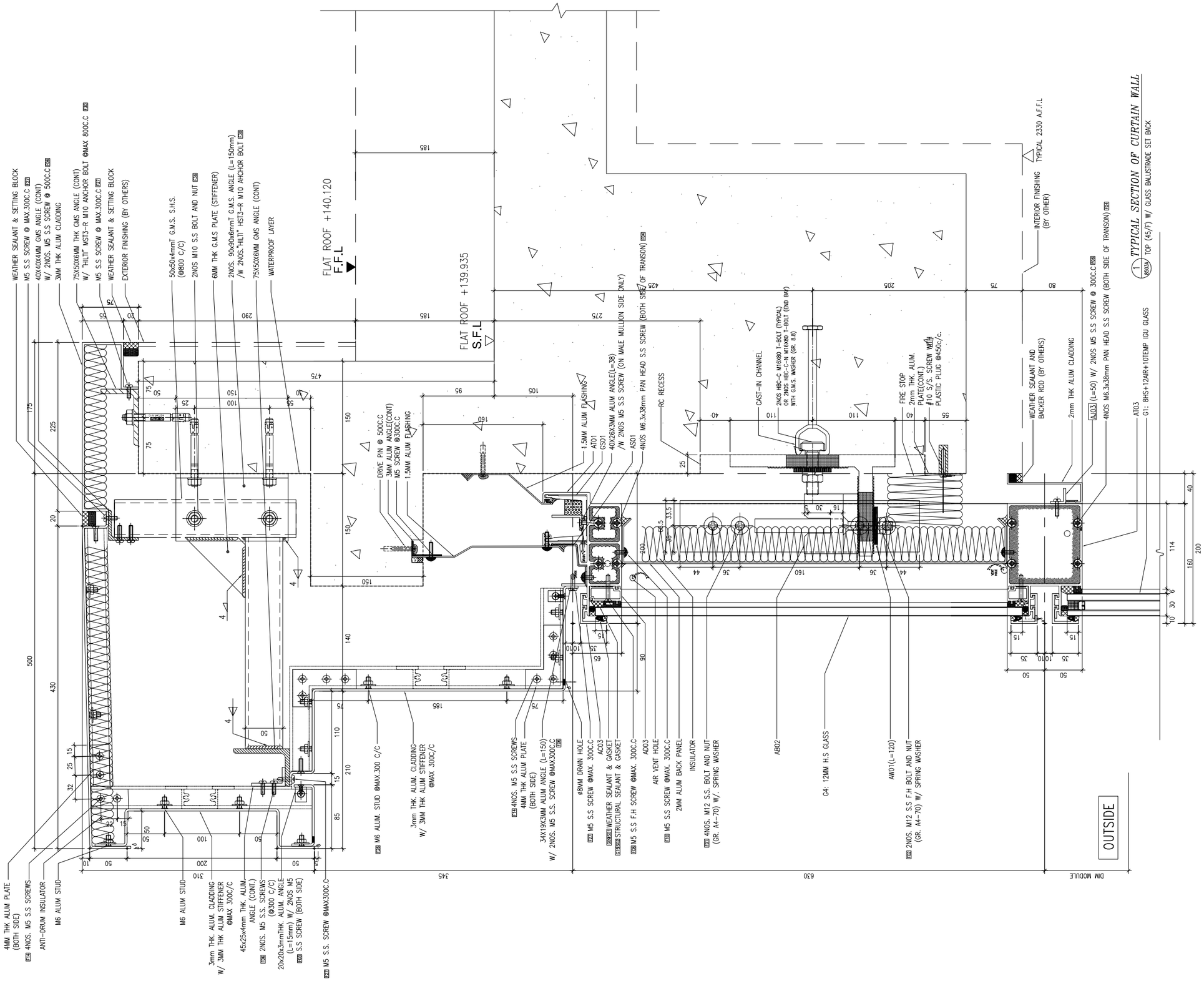
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610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8503 | REV. : C



B.D. REF :

NO CHANGE
TOP FEATURE NOT CHANGE YET,
IT NEED TO BE REDESIGN
SINCE ARCHITECT RE-LAYOUT

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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NO.	DATE	REVISED	BY
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.

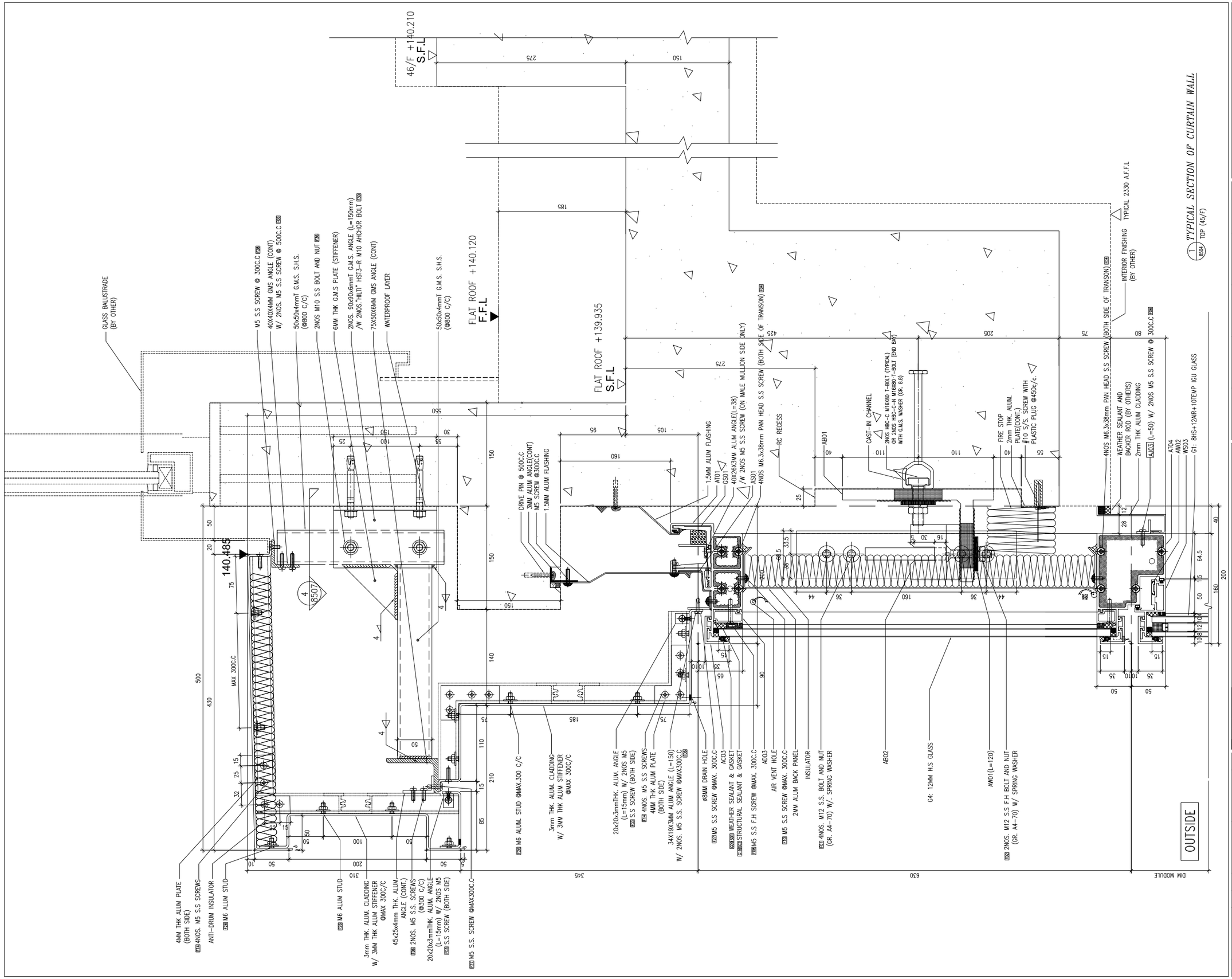
TITLE :
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DATE : 31-OCT-22 | SCALE : 1:5

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Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8503A | REV. : A



TYPICAL SECTION OF CURTAIN WALL

1 / 8504 TOP (45/F)

B.D. REF :

NO CHANGE
TOP FEATURE NOT CHANGE YET,
IT NEED TO BE REDESIGN
SINCE ARCHITECT RE-LAYOUT

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:

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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.

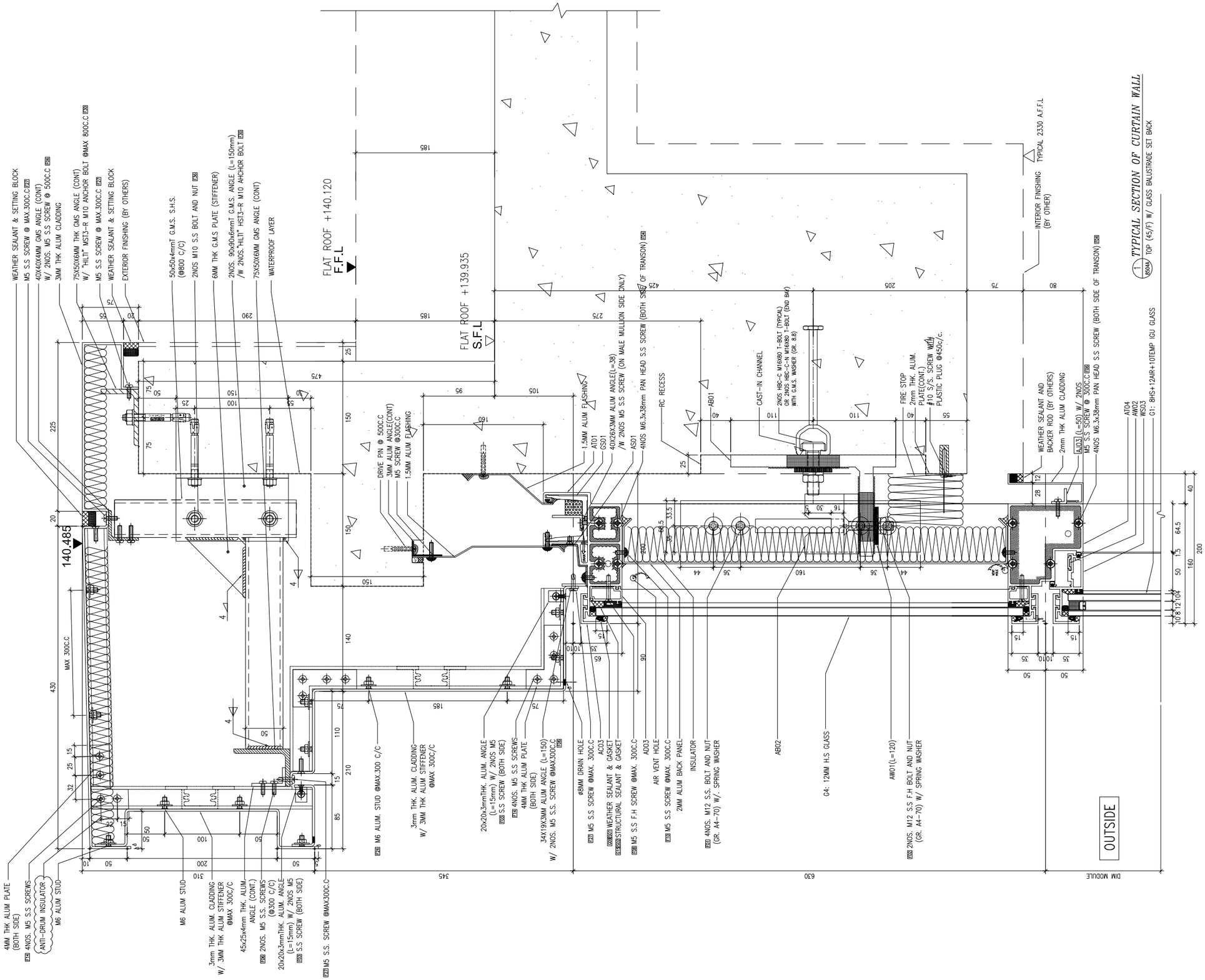
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DWG NO. : J856-SD-CW-8504 | REV. : C



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SINCE ARCHITECT RE-LAYOUT

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42/F SUN HUNG KAI CENTRE, WANCHAI, HONGKONG

ARCHITECT :

lwk&partners
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MAIN CONTRACTOR :

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STRUCTURAL ENGINEER :

ARUP

FACADE CONSULTANT:

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JOB NO. : J-856

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

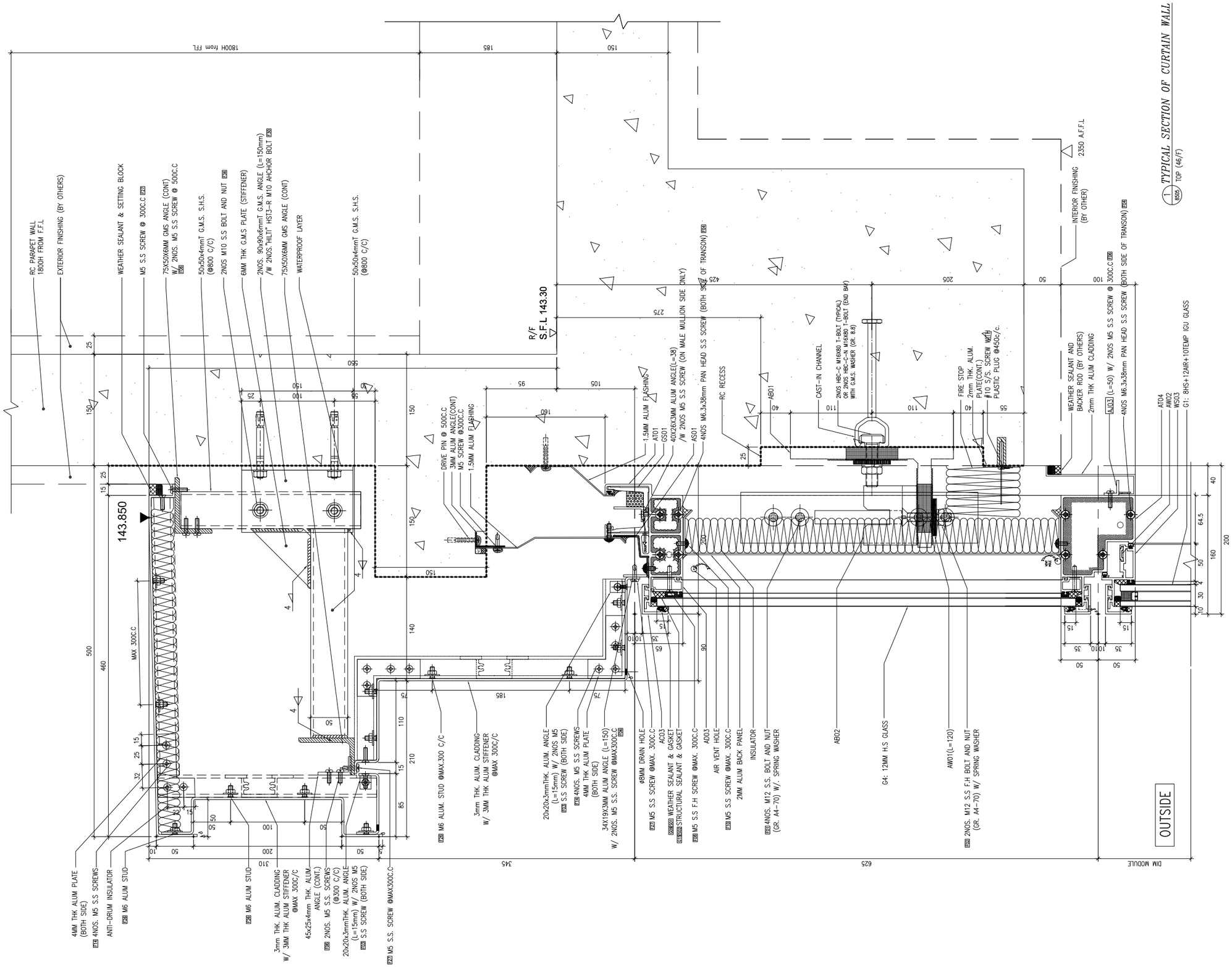
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DWG NO. : J856-SD-CW-8504A | REV. : A



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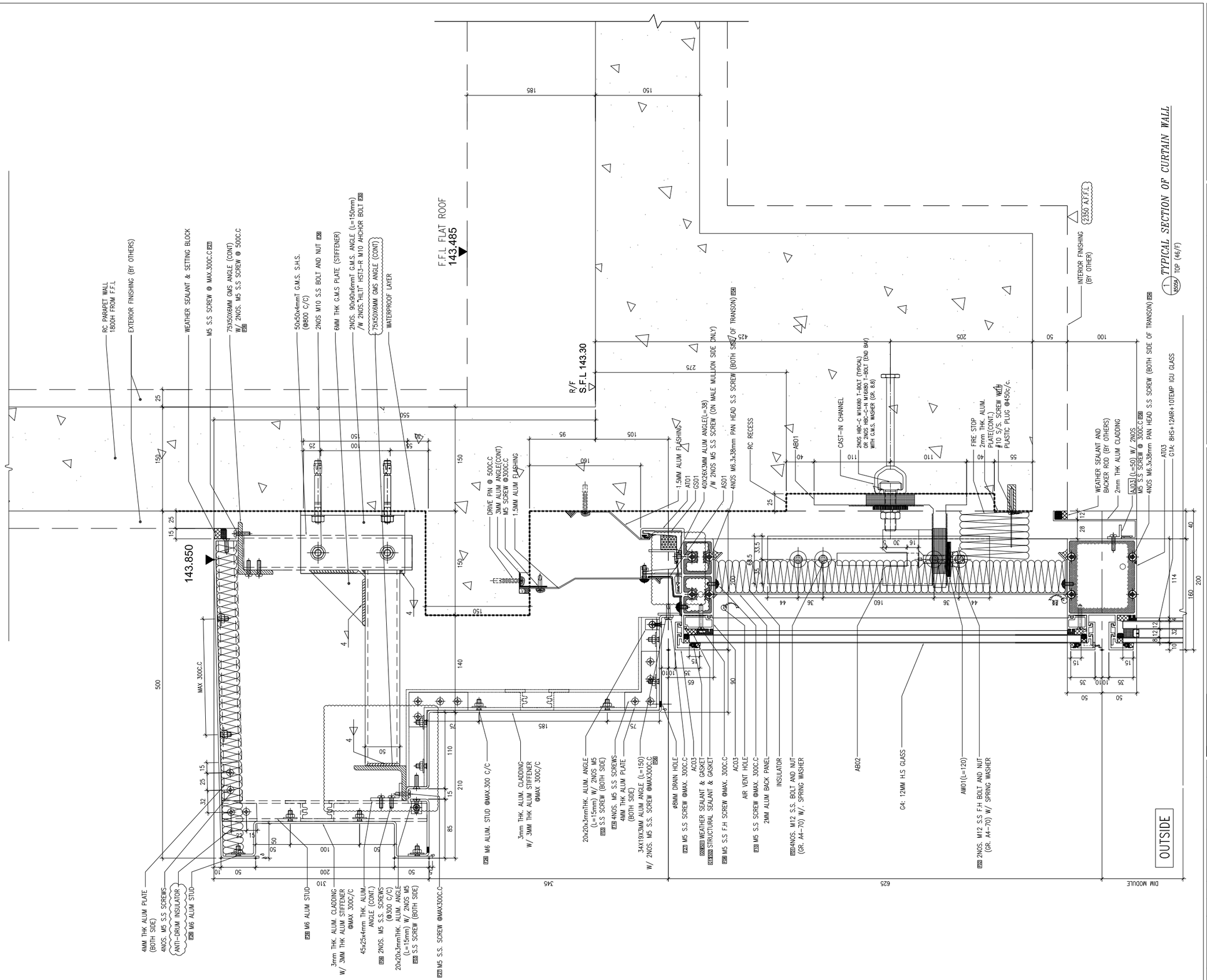
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DWG NO. : J856-SD-CW-8505 | REV. : C



1 TYPICAL SECTION OF CURTAIN WALL
J856A TOP (46/F)

B.D. REF :

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SINCE ARCHITECT RE-LAYOUT

CLIENT :

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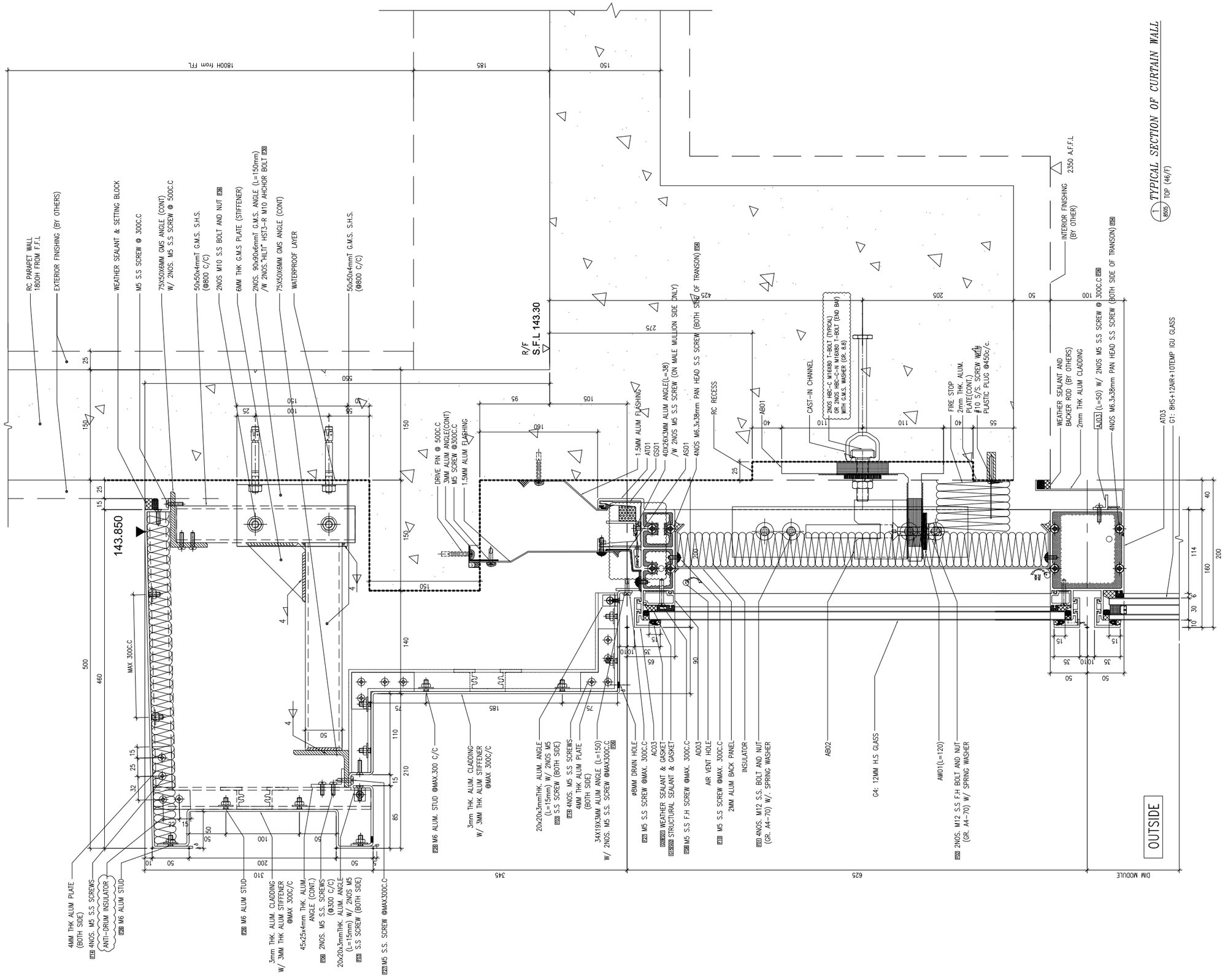
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JOB NO. : J-856

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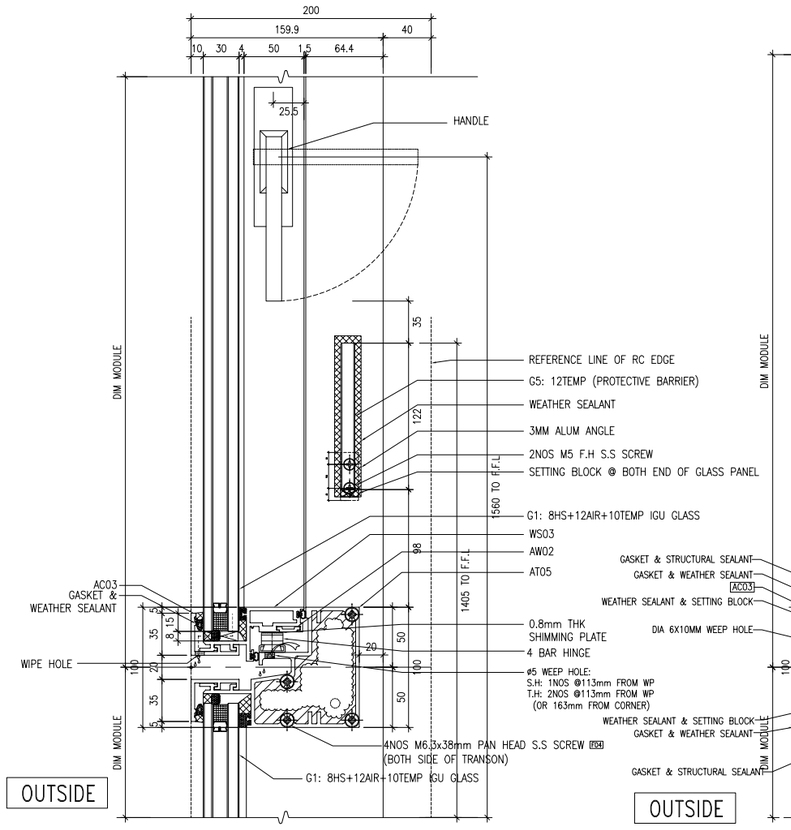
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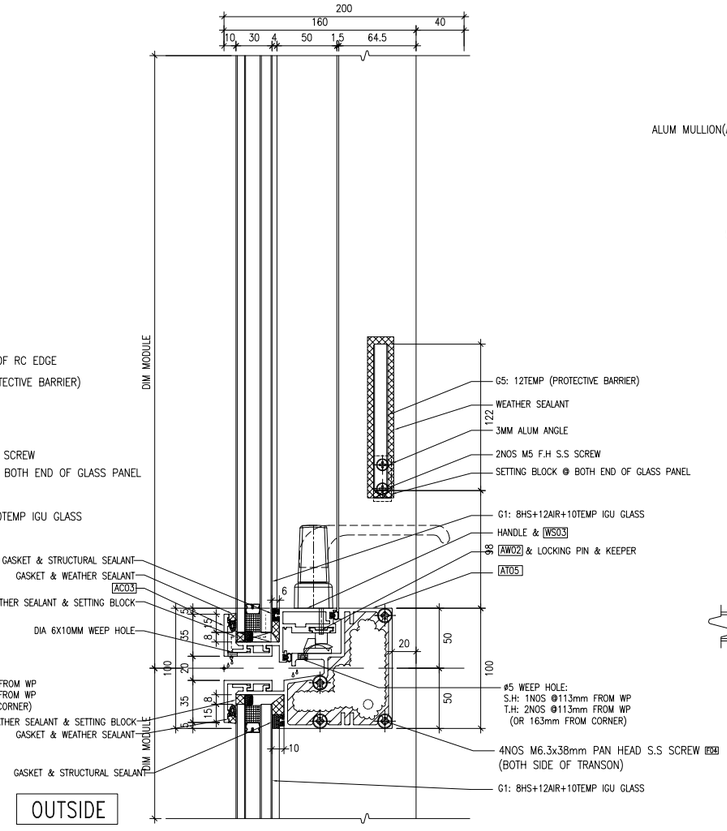
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Tel:23489211-4 Fax:(852)27727666

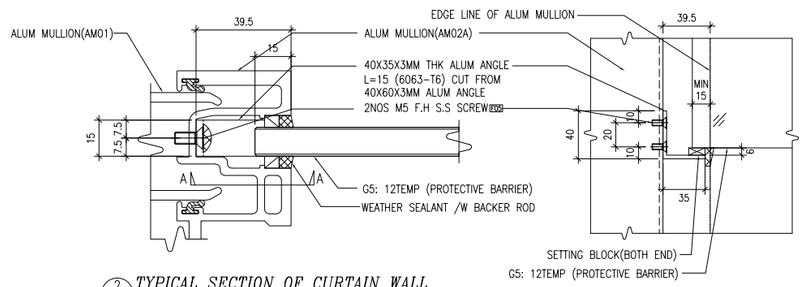
DWG NO. : J856-SD-CW-8506 | REV. : C



1 / 8507 *TYPICAL SECTION OF CURTAIN WALL*
PROTECTIVE BARRIER (S.H)

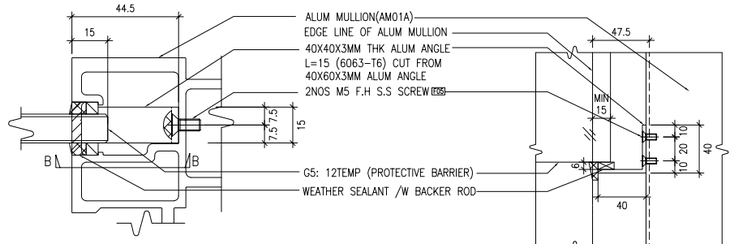


1A / 8507 *TYPICAL SECTION OF CURTAIN WALL*
PROTECTIVE BARRIER (T.H)



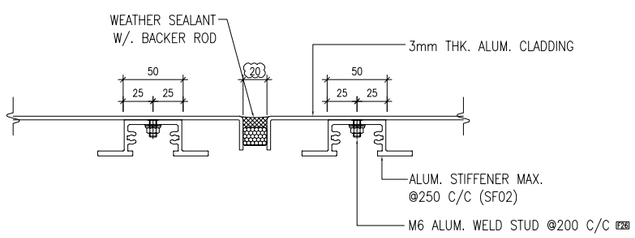
2 / 8507 *TYPICAL SECTION OF CURTAIN WALL*
PROTECTIVE BARRIER

VIEW A-A

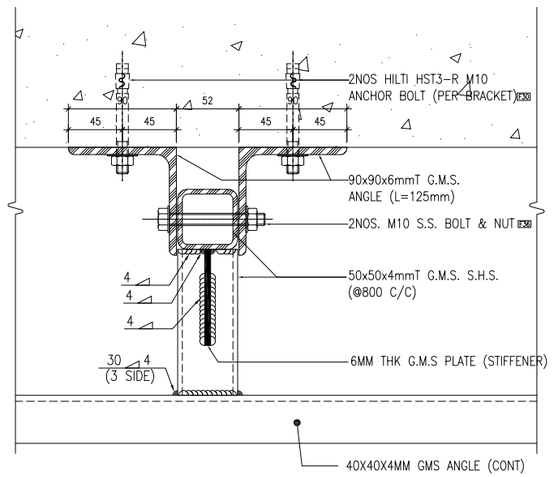


3 / 8507 *TYPICAL SECTION OF CURTAIN WALL*
PROTECTIVE BARRIER

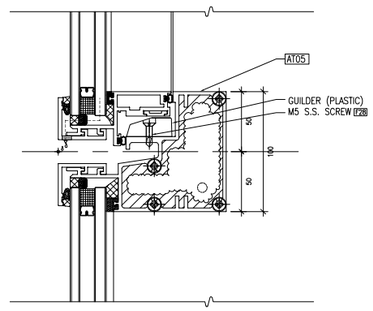
VIEW B-B



3 / 8507 *TYPICAL SECTION OF CLADDING JOINT*



4 / 8507 *SECTION OF TOP FEATURE SUPPORT*



1B / 8507 *TYPICAL SECTION OF CURTAIN WALL*
GUILDER for S.H

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 :
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	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.

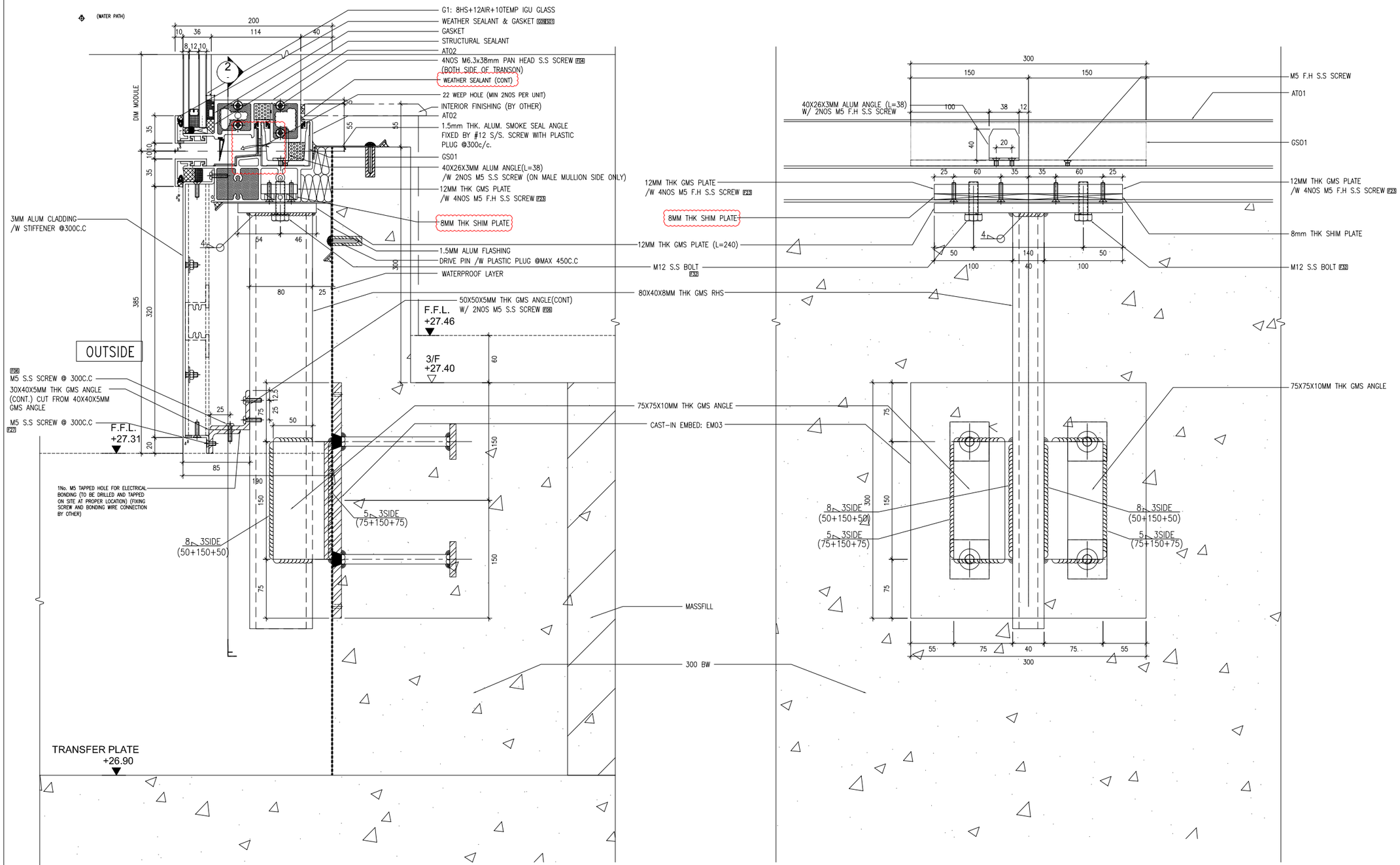
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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 :

REVISE WEEP HOLE TO MATCH PMU RESULT

REVISE SEALANT APPLY ON BACK OF TRANSOM AS VMU INSTALLATION SITE COMMENT

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.

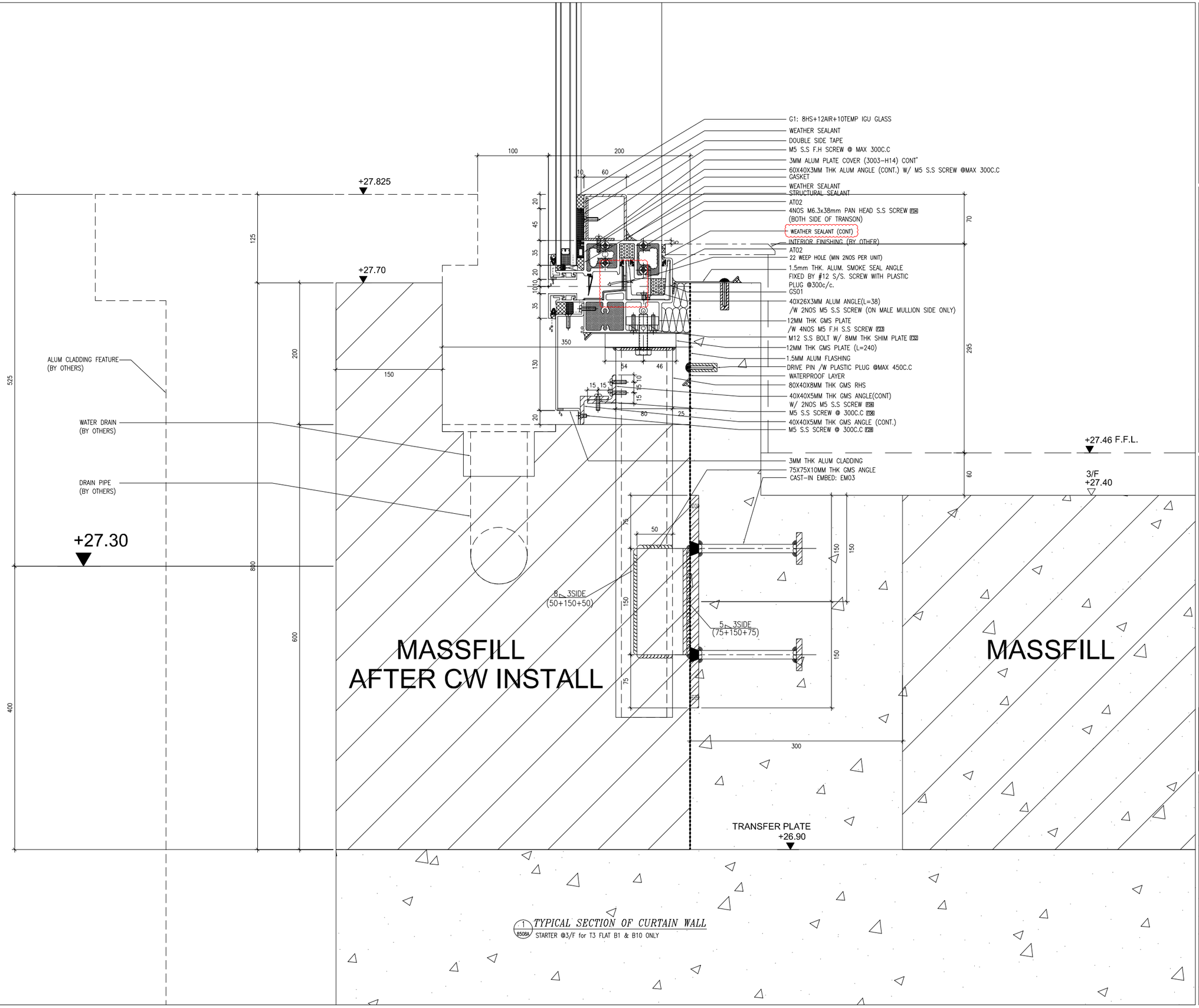
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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 :

REVISE WEEP HOLE TO MATCH PMU RESULT

REVISE SEALANT APPLY ON BACK OF TRANSOM AS VMU INSTALLATION SITE COMMENT

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	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.

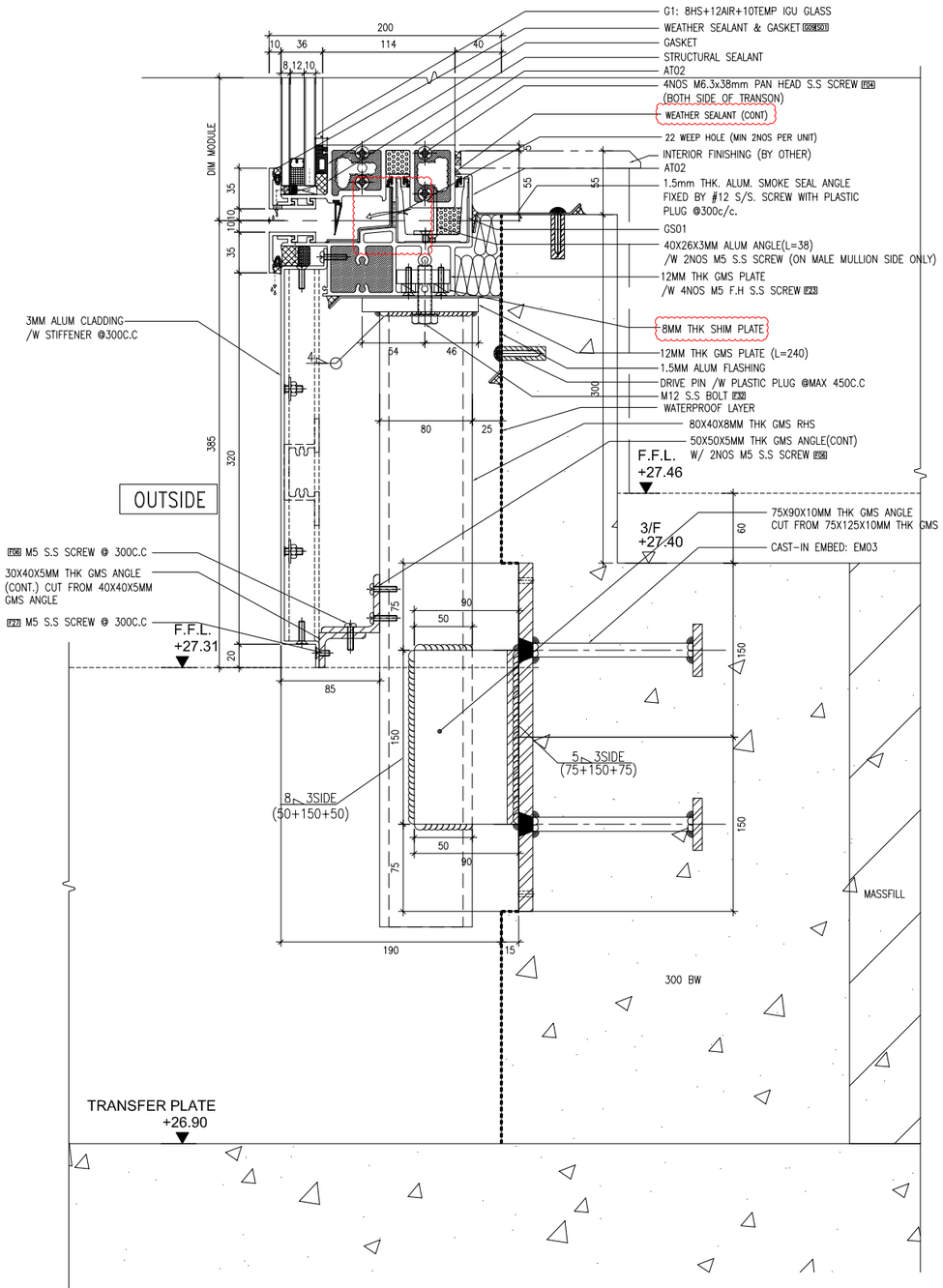
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 12-JAN-23 | SCALE : 1:5

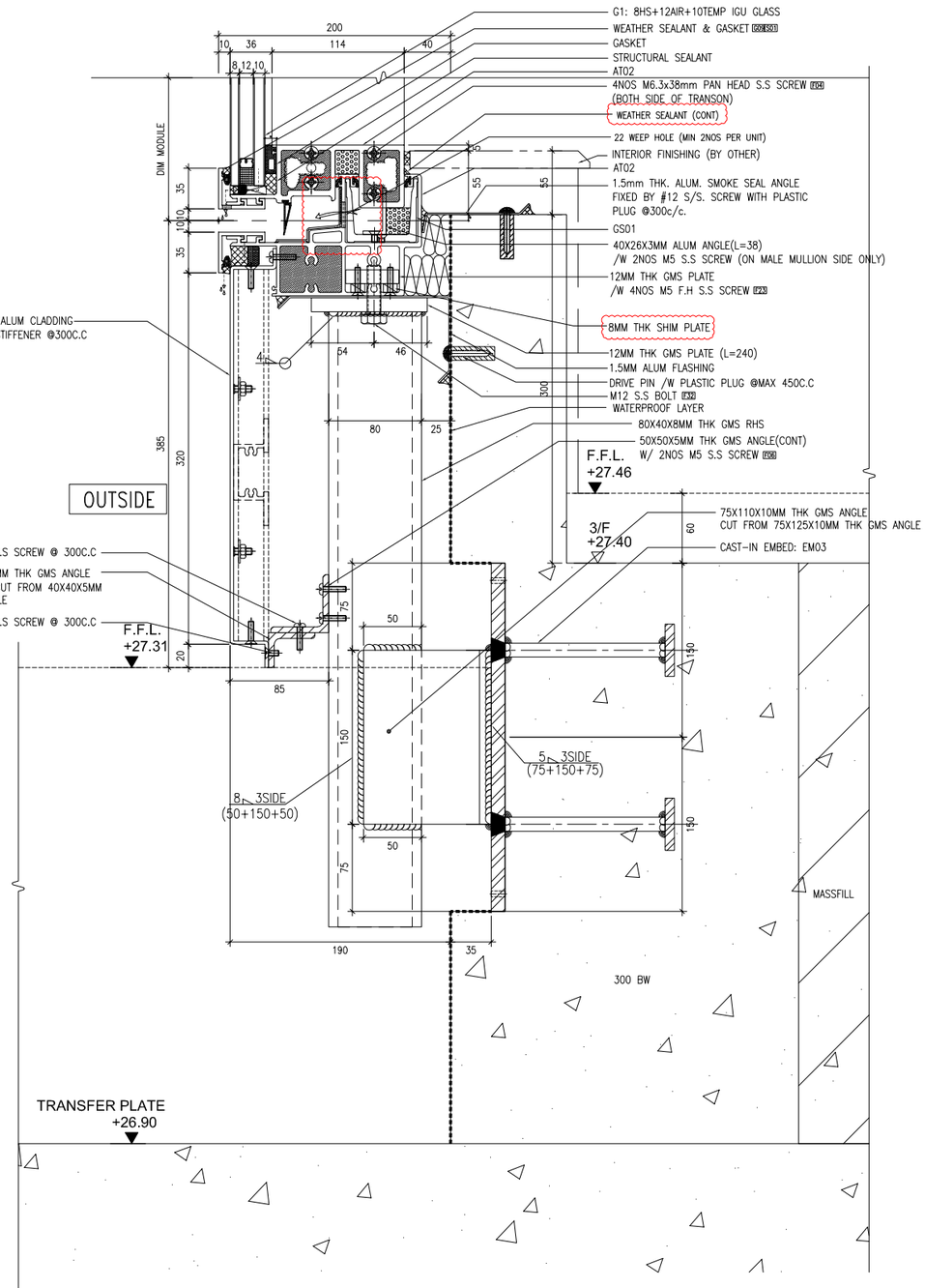
DRAWN BY : C.F | CHECKED BY :

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. : C



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 :

REVISE WEEP HOLE TO MATCH PMU RESULT

REVISE SEALANT APPLY ON BACK OF TRANSOM AS VMU INSTALLATION SITE COMMENT

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.

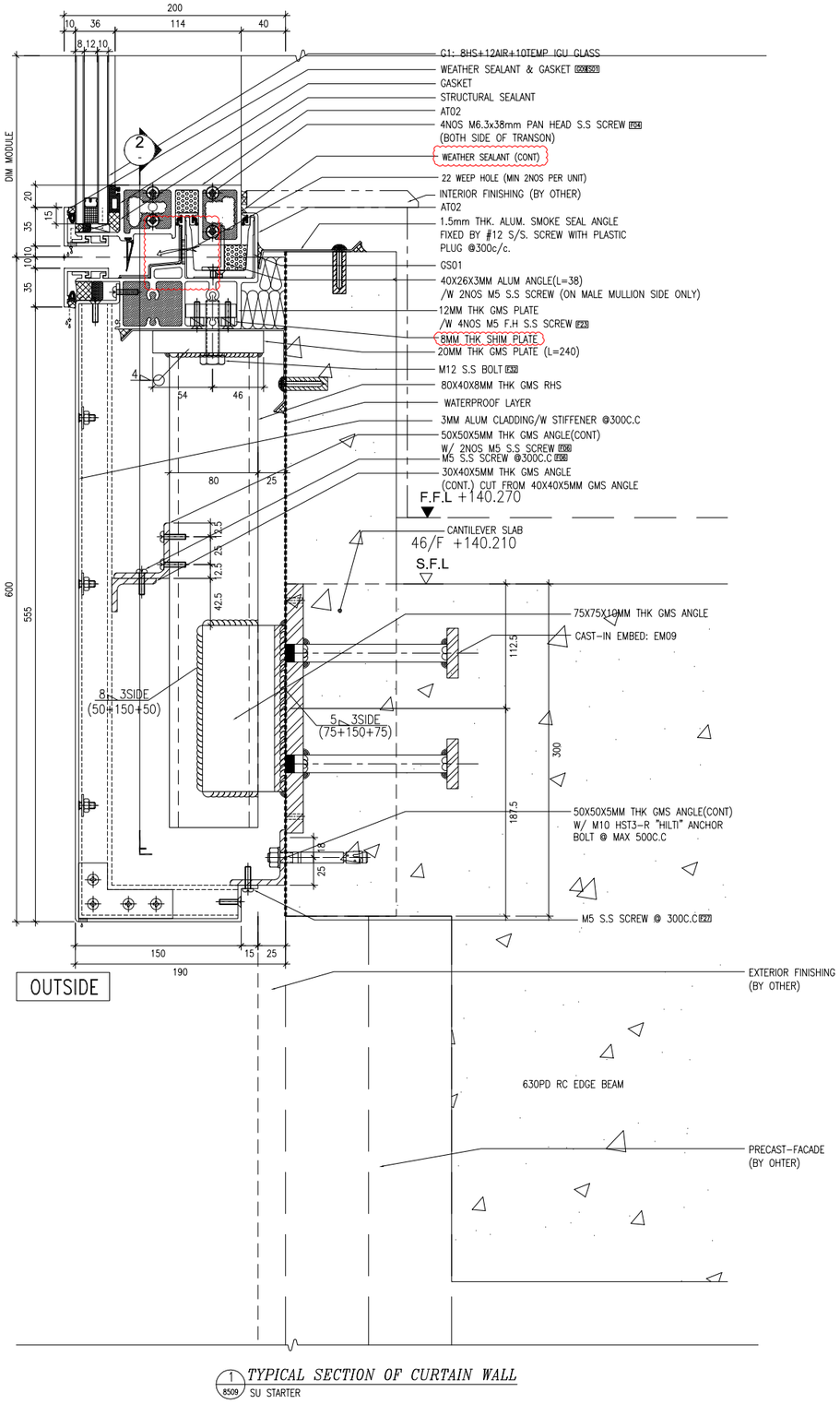
TITLE :
CURTAIN WALL
REMEIDAL CASE FOR STARTER EMBED

DATE : 31-OCT-22 | SCALE : 1:5

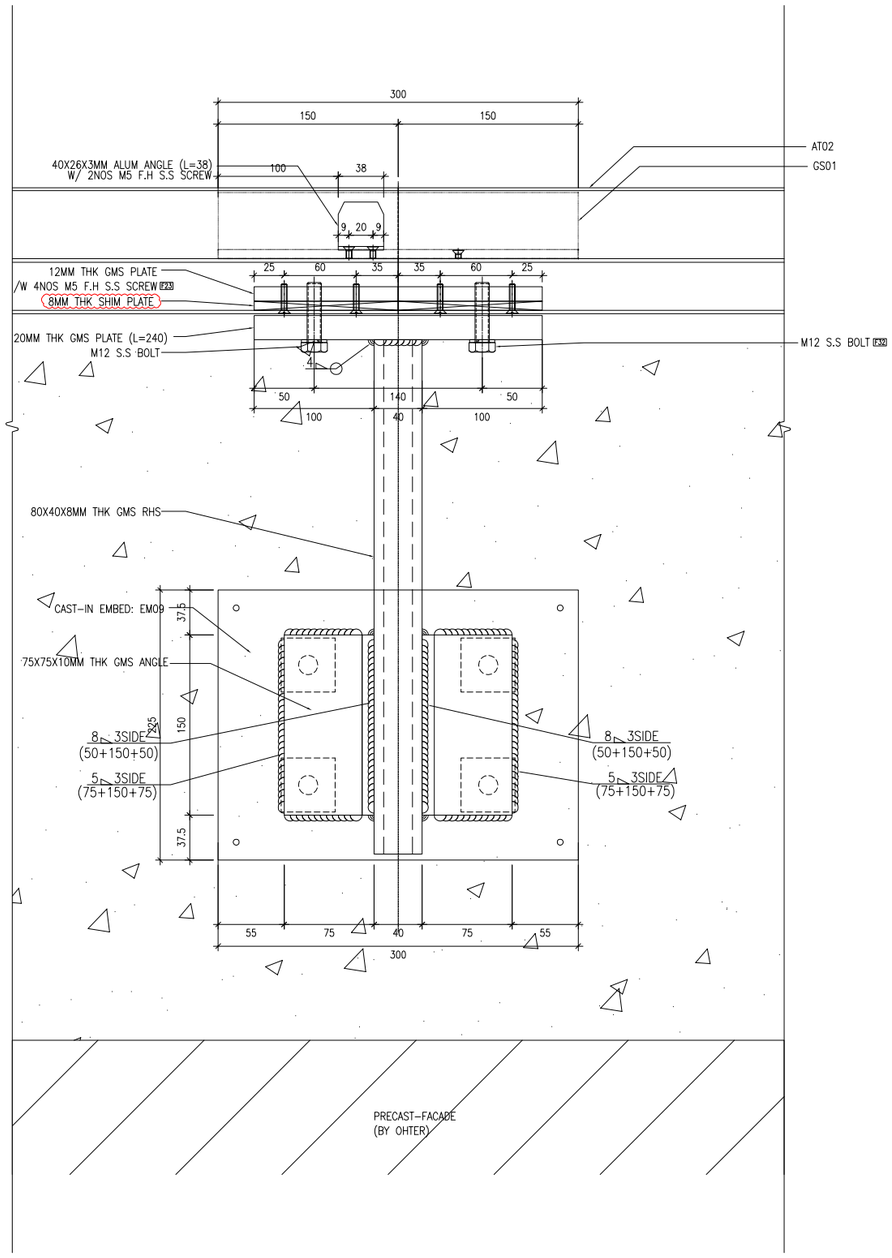
DRAWN BY : C.F | CHECKED BY :

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 8509 *TYPICAL SECTION OF CURTAIN WALL*
SU STARTER



2 8509 *SECTION VIEW*
STARTER

B.D. REF :

REVISE WEEP HOLE TO MATCH PMU RESULT

REVISE SEALANT APPLY ON BACK OF TRANSOM AS VMU INSTALLATION SITE COMMENT

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.

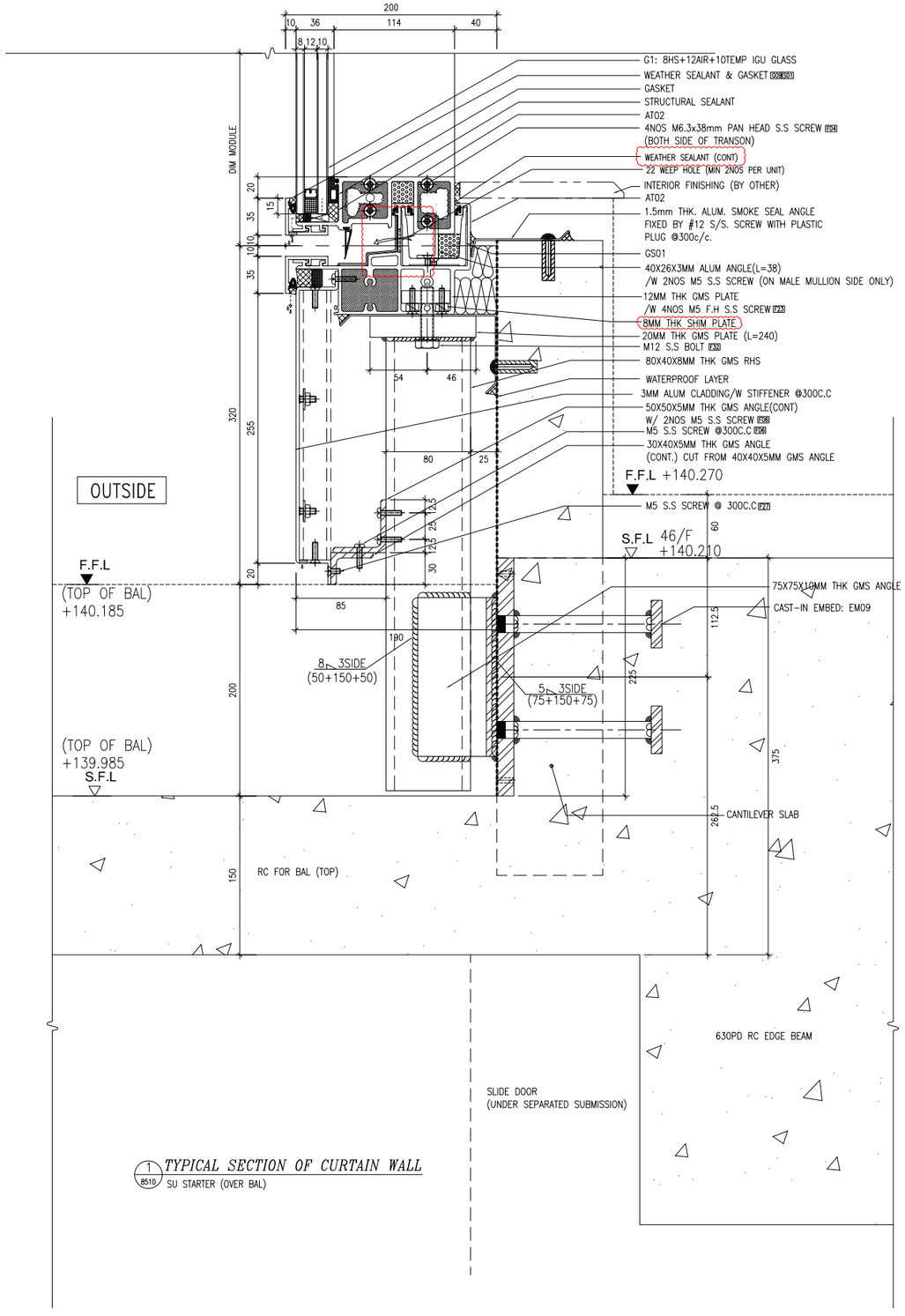
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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)

B.D. REF :

REVISE WEEP HOLE TO MATCH PMU RESULT

REVISE SEALANT APPLY ON BACK OF TRANSOM AS VMU INSTALLATION SITE COMMENT

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.

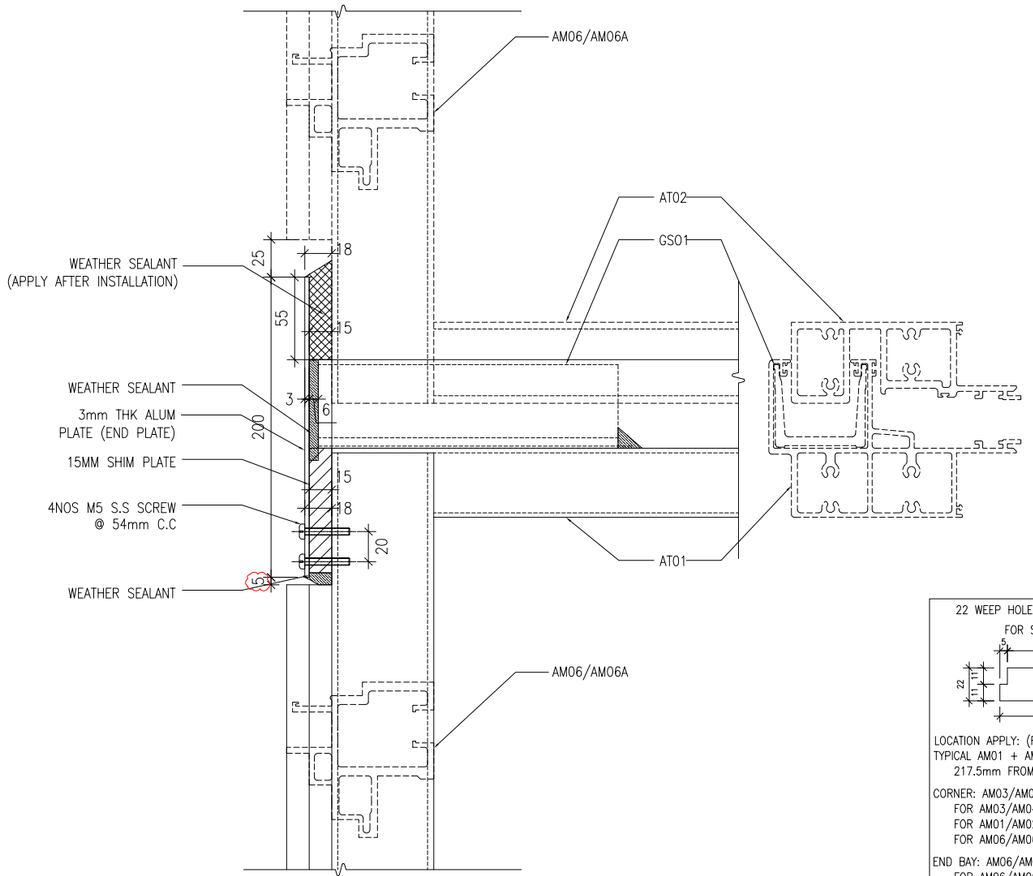
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

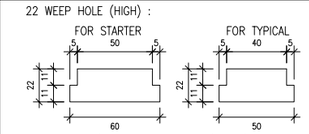
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8510 | REV. : D



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

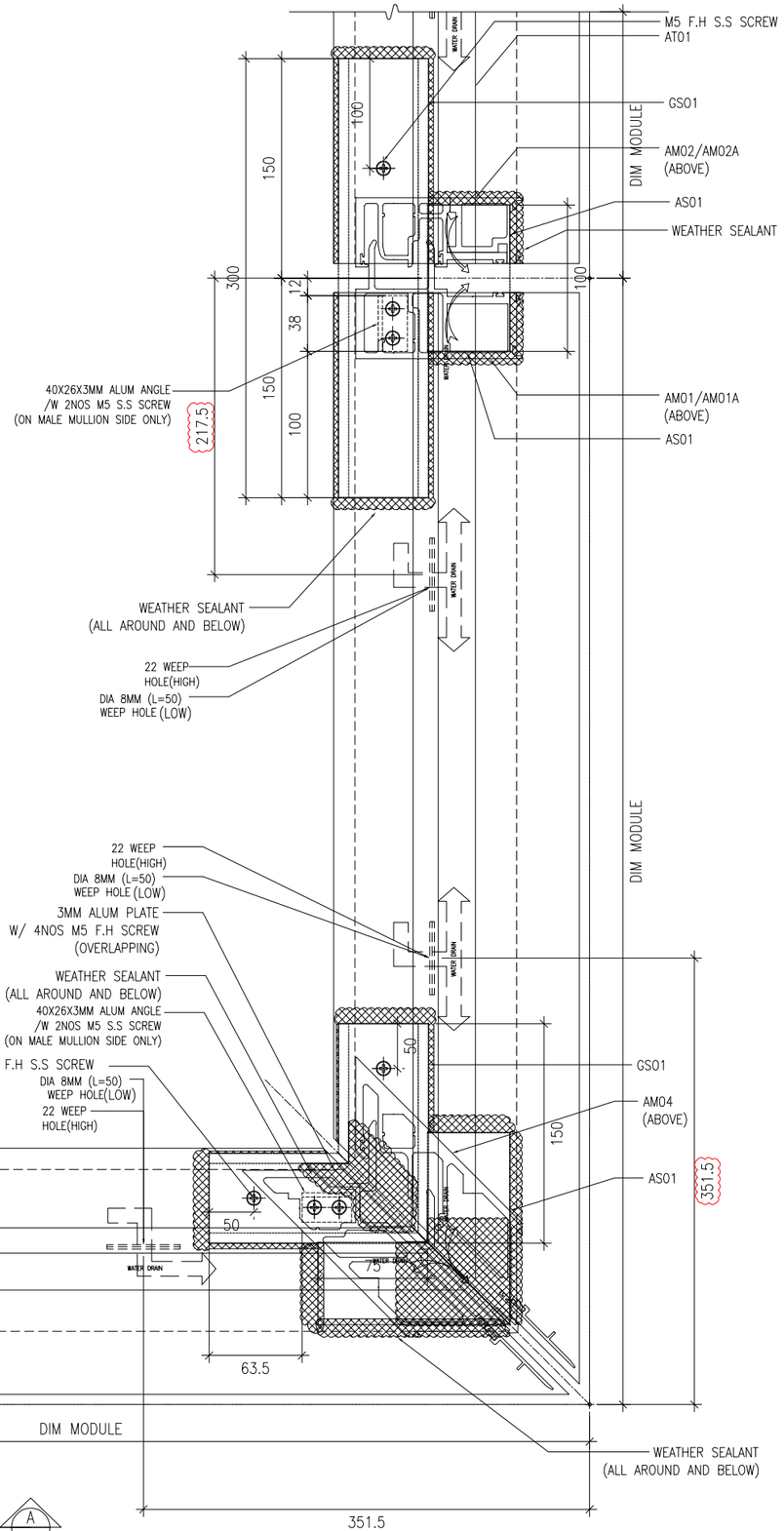
REMARK:

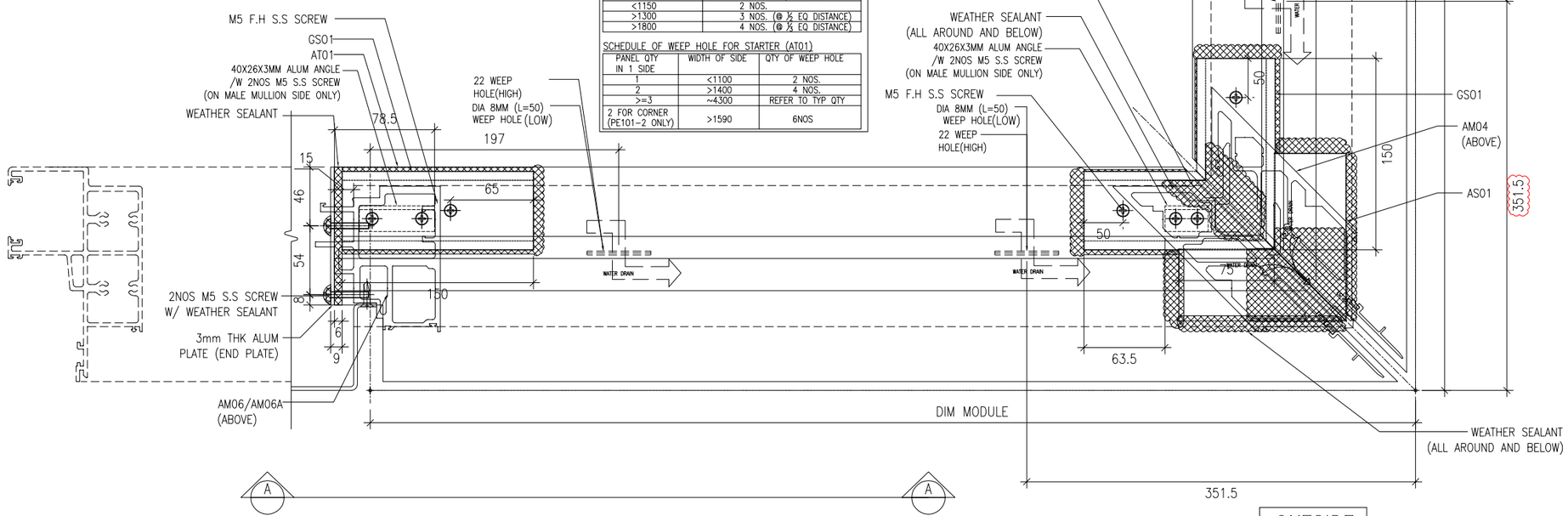
SCHEDULE OF WEEP HOLE FOR TYPICAL (AT01)

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 :

REVISE THE SPACE BETWEEN END PLATE & TRANSOM EDGE TO MATCH PMU RESULT

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.

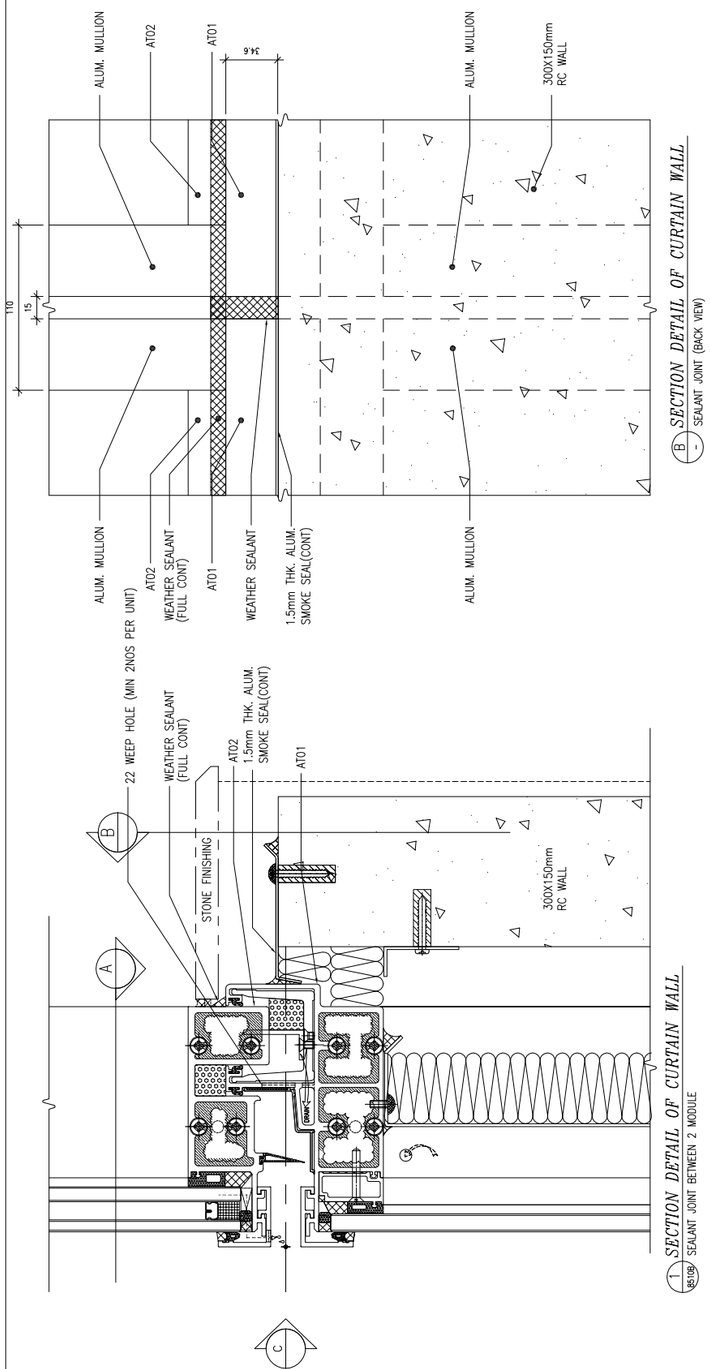
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 20-FEB-23 | SCALE : 1:4

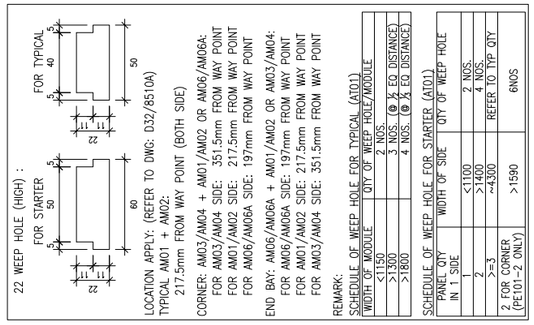
DRAWN BY : C.F | CHECKED BY :

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



B - SECTION DETAIL OF CURTAIN WALL
SEALANT JOINT (BACK VIEW)



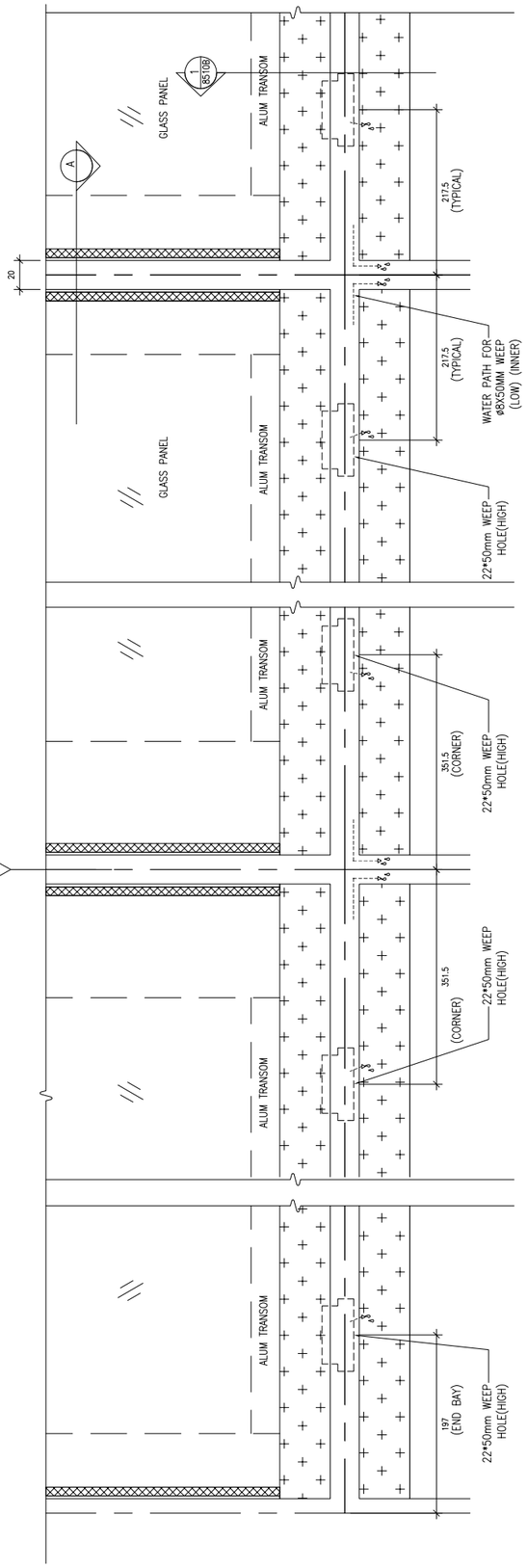
LOCATION APPLY: (REFER TO DWG: D32/8510A)
TYPICAL AM01 + AM02:
217.5mm FROM WAY POINT (BOTH SIDE)
CORNER: AM03/AM04 + AM01/AM02 OR AM06/AM06A:
FOR AM03/AM04 SIDE: 351.5mm FROM WAY POINT
FOR AM01/AM02 SIDE: 217.5mm FROM WAY POINT
FOR AM06/AM06A SIDE: 197mm FROM WAY POINT
END BAY: AM06/AM06A + AM01/AM02 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. (@ ¼ EQ DISTANCE)
>1800	4 NOS. (@ ¼ EQ DISTANCE)

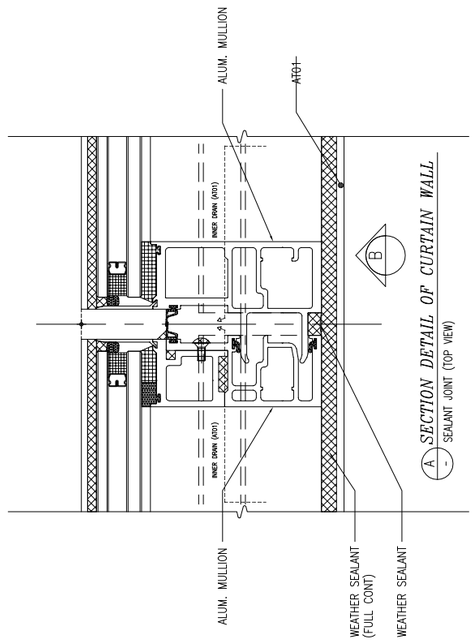
SCHEDULE OF WEEP HOLE FOR STARTER (AT01)

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



C - ELEV VIEW FOR CURTAIN WALL
(NTS)

1 - SECTION DETAIL OF CURTAIN WALL
8510B
SEALANT JOINT BETWEEN 2 MODULE



A - SECTION DETAIL OF CURTAIN WALL
SEALANT JOINT (TOP VIEW)

B.D. REF :

AS PMU SD

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

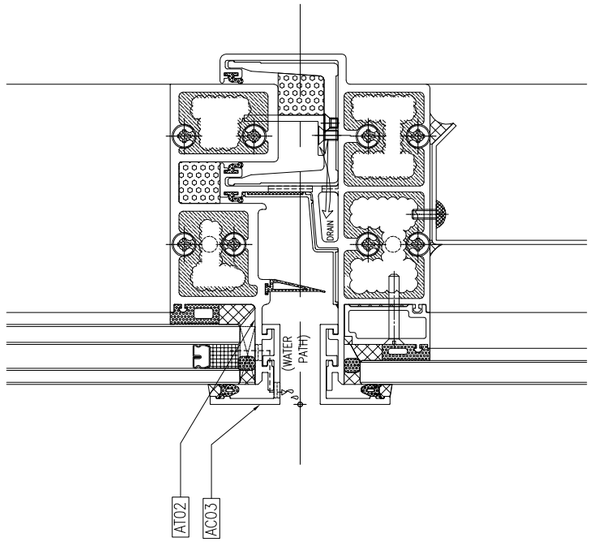
PROJECT :
PROPOSED DEVELOPMENT ABOVE LIGHT RAIL TIN WING STOP,TSWTL NO.23,AREA 33,TIN SHUI WAI, N.T.

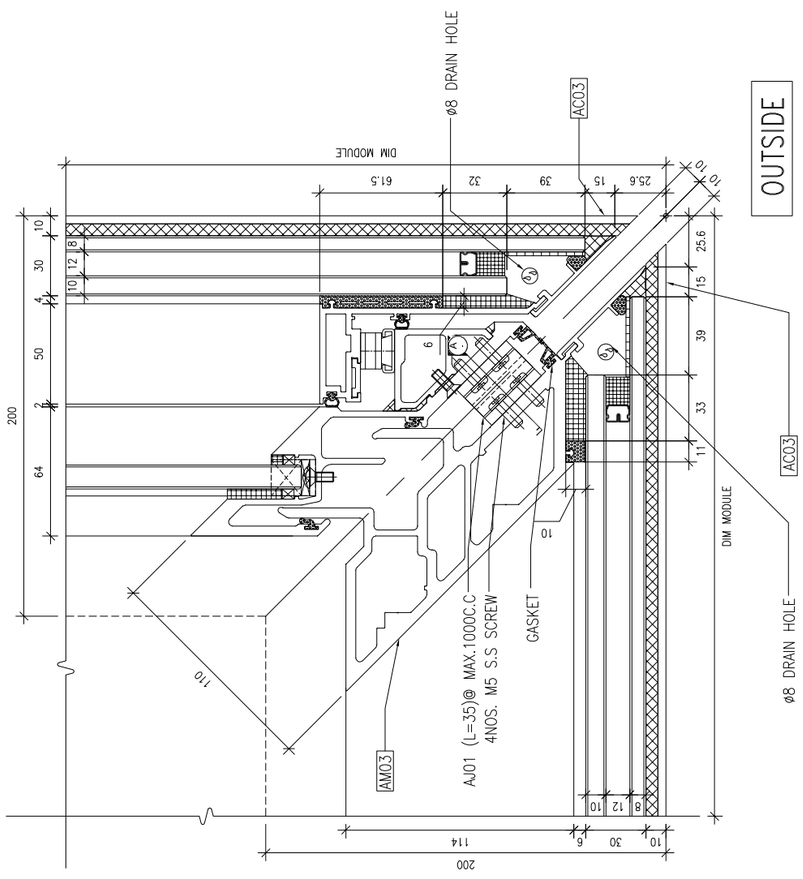
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

DATE : 22-FEB-23	SCALE : 1:4
DRAWN BY : C.F	CHECKED BY :

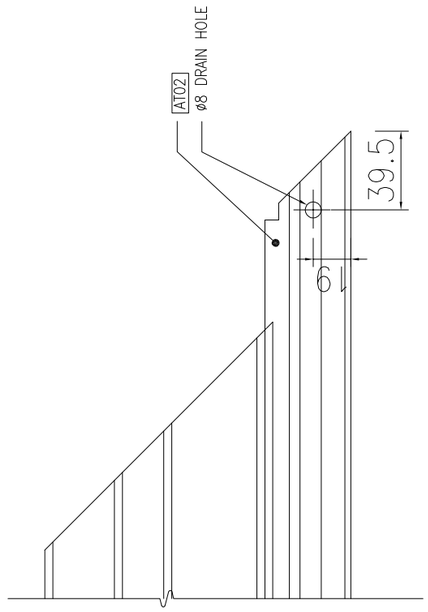
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

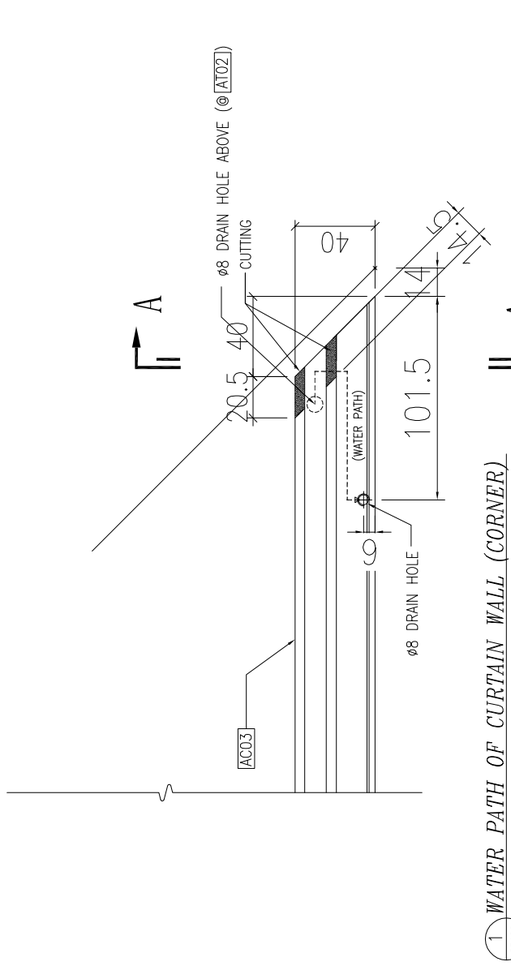
DWG NO. : J856-SD-CW-8510B | REV. : –

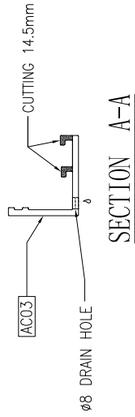




1 WATER PATH OF CURTAIN WALL (CORNER)







SECTION A-A

B.D. REF :

AS PMU SD

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

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.

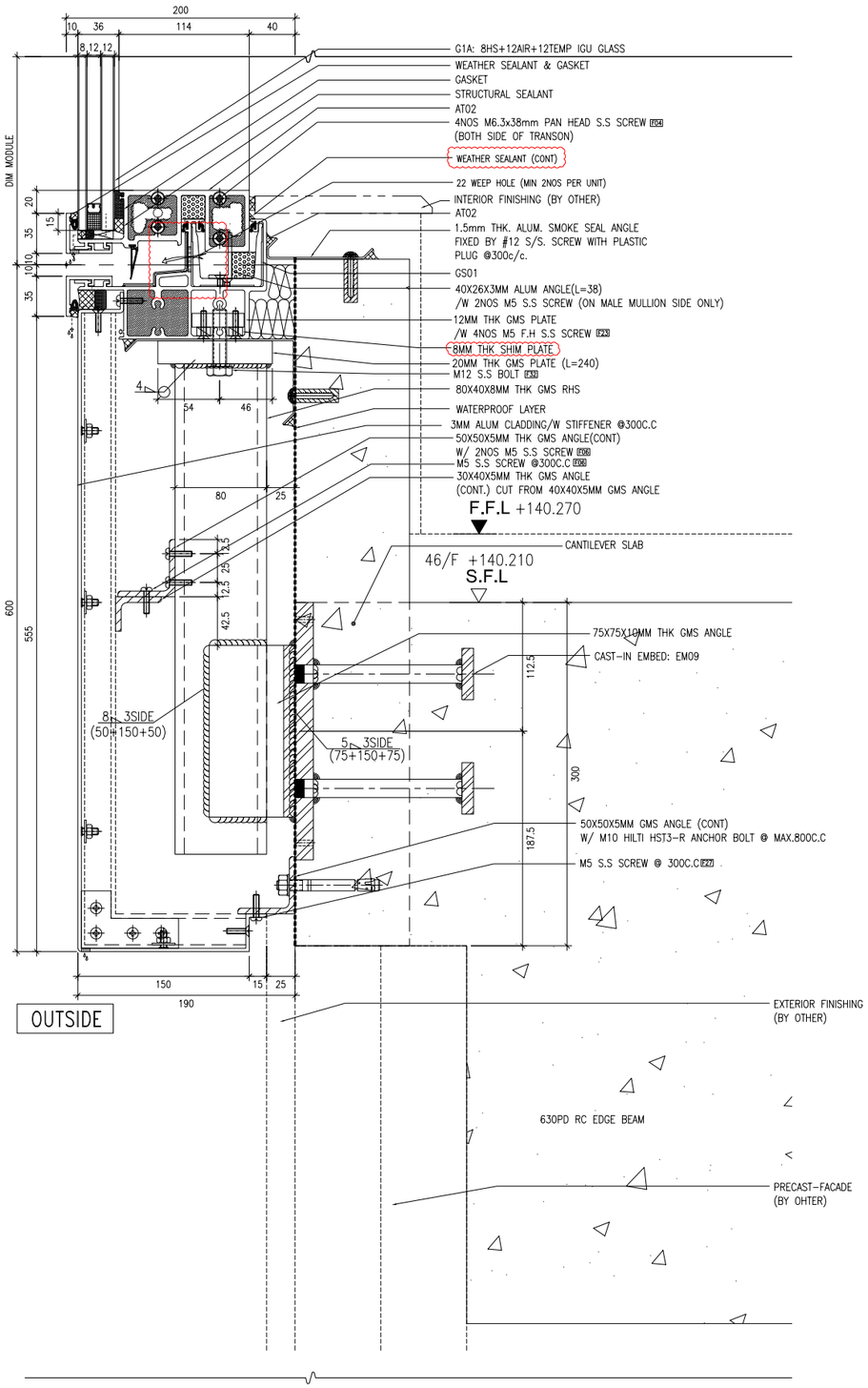
TITLE :
TYPICAL DETAIL
FOR CURTAIN WALL

DATE : 22–FEB–23 | SCALE : 1:3

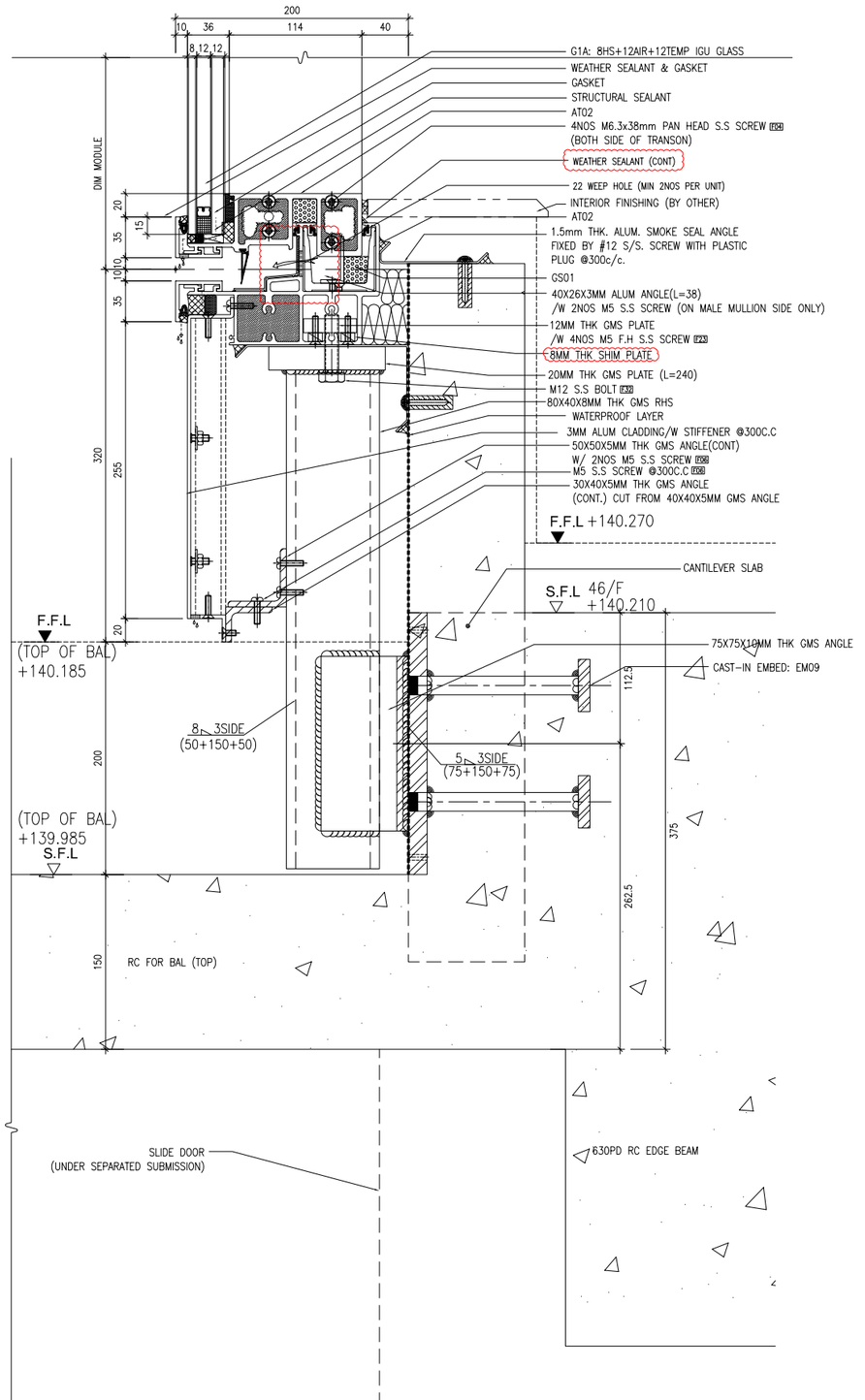
DRAWN BY : C.F | CHECKED BY :

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 :

REVISE WEEP HOLE TO MATCH PMU RESULT

REVISE SEALANT APPLY ON BACK OF TRANSOM AS VMU INSTALLATION SITE COMMENT

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.
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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	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.

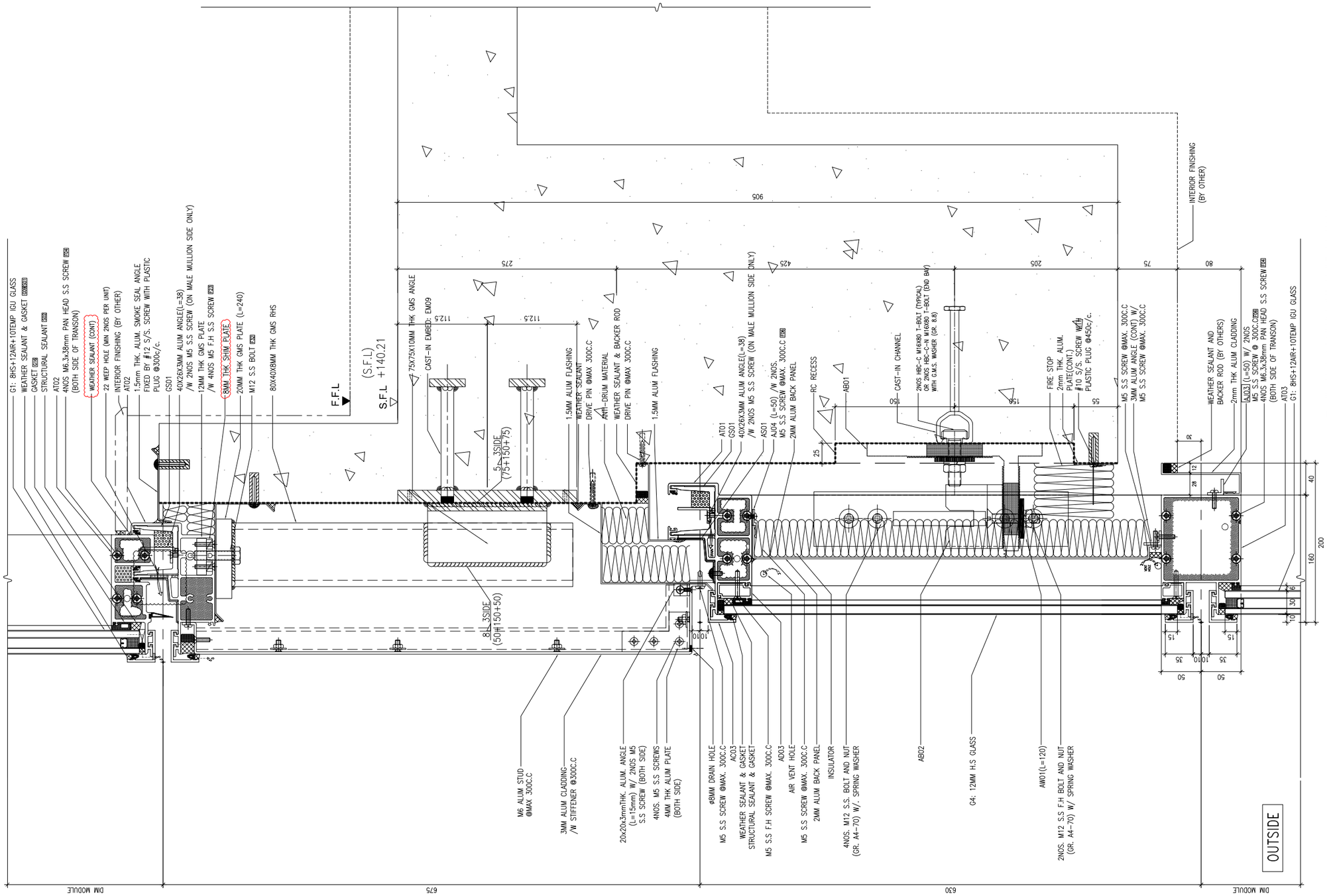
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

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. : D



1 TYPICAL SECTION OF CURTAIN WALL
8512

B.D. REF :

TOP FEATURE NOT CHANGE YET,
IT NEED TO BE REDESIGN
SINCE ARCHITECT RE-LAYOUT

REVISE SEALANT APPLY ON BACK
OF TRANSOM AS VMU INSTALLATION
SITE COMMENT

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	30-MAY-2023	6TH SUBMISSION	CF
B	10-MAY-2023	5TH SUBMISSION	CF
A	27-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.

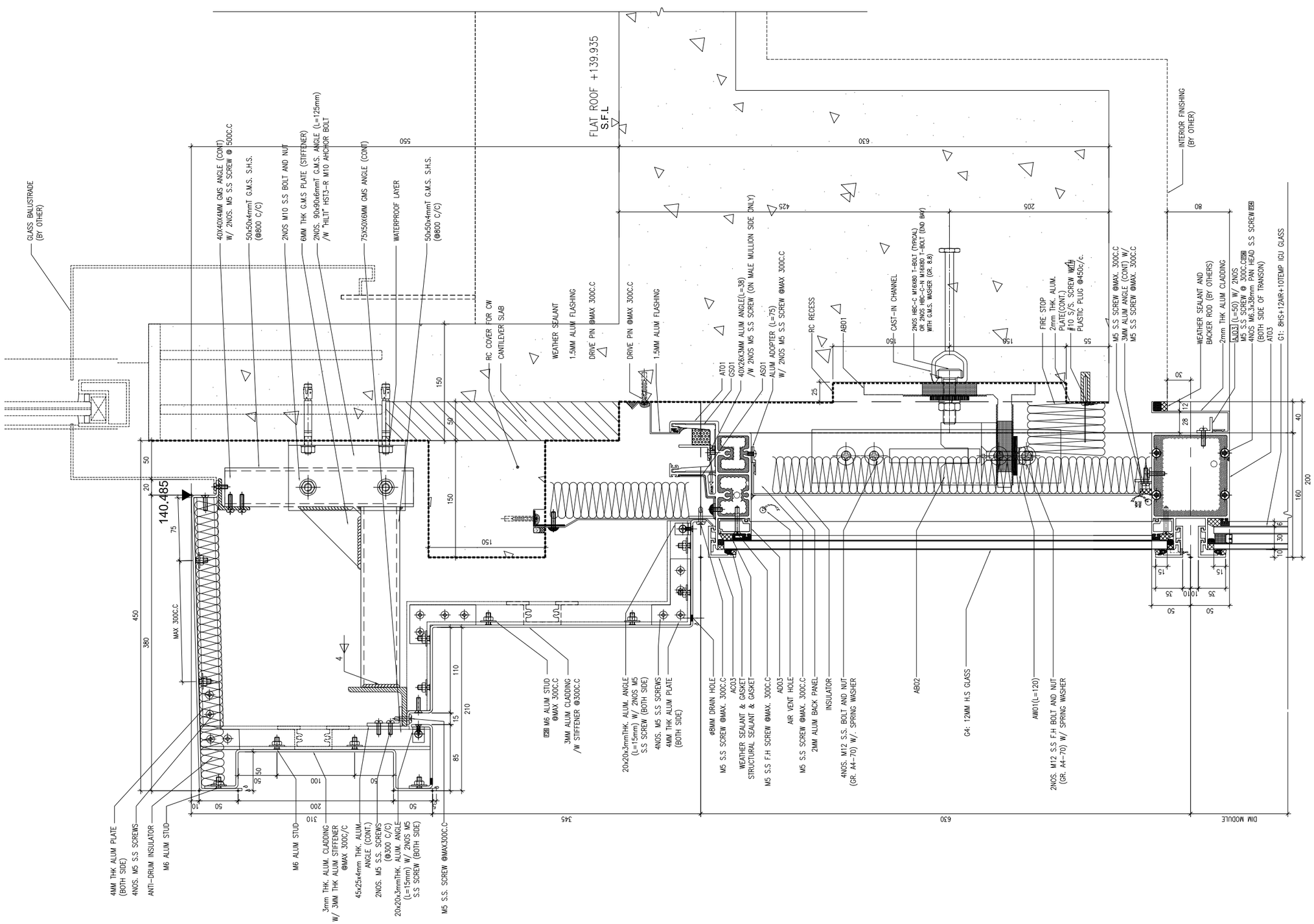
TITLE :
TYPICAL DETAIL
FOR CURTAIN WALL

DATE : 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-8512 | REV. : C



1 (8513) TYPICAL SECTION OF CURTAIN WALL
T3 TCW-PE301-2

B.D. REF :

TOP FEATURE NOT CHANGE YET,
IT NEED TO BE REDESIGN
SINCE ARCHITECT RE-LAYOUT

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	10-MAY-2022	5TH SHOPDRAWING	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

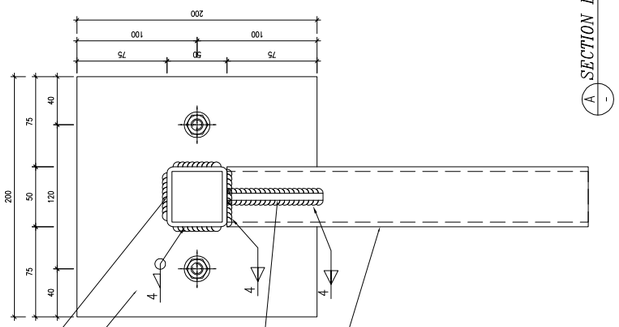
DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

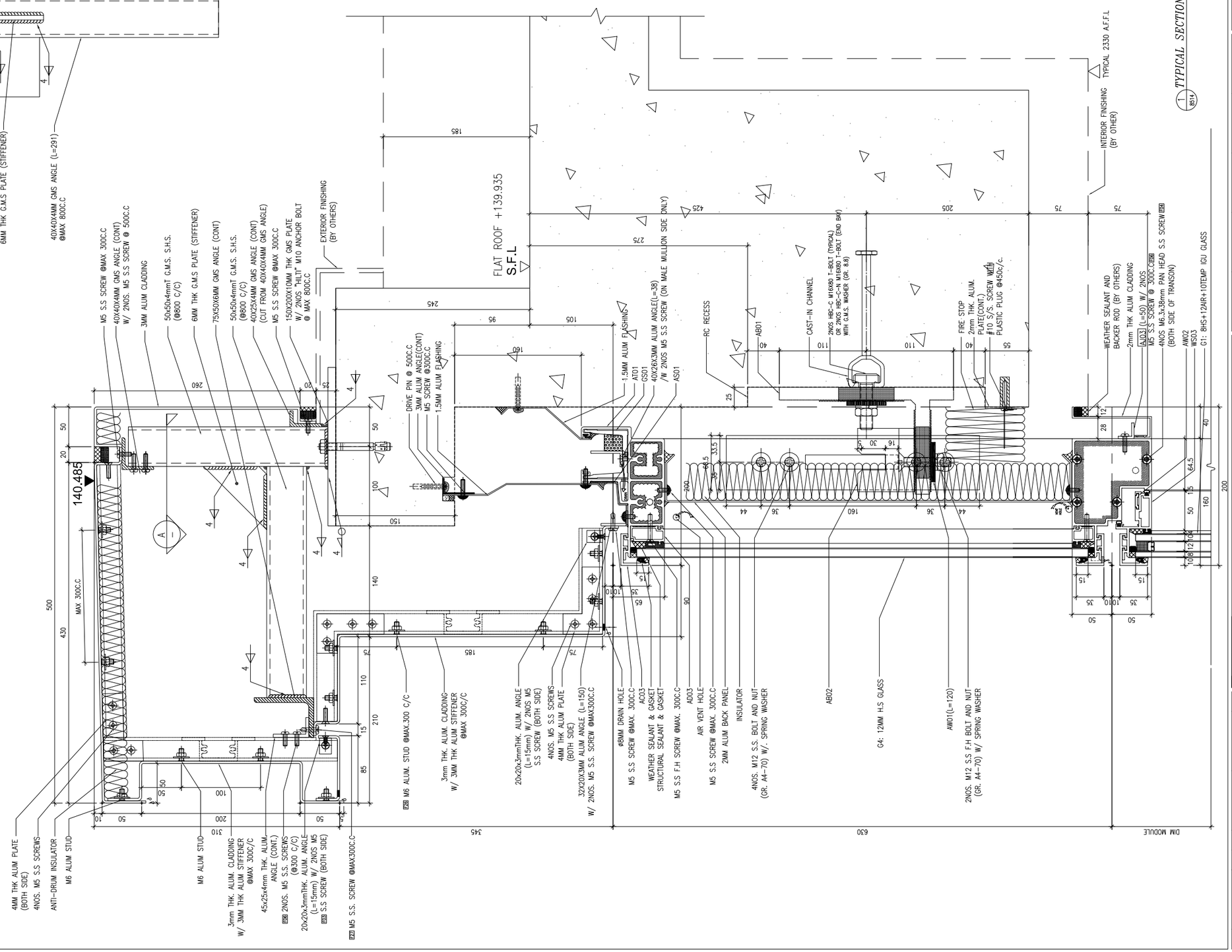
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : J856-SD-CW-8513 | REV. : A

A SECTION DETAIL
A -



1 TYPICAL SECTION OF CURTAIN WALL
8514



B.D. REF :

TOP FEATURE NOT CHANGE YET,
IT NEED TO BE REDESIGN
SINCE ARCHITECT RE-LAYOUT

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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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	10-MAY-2022	5TH SHOPDRAWING	CF
-	14-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.

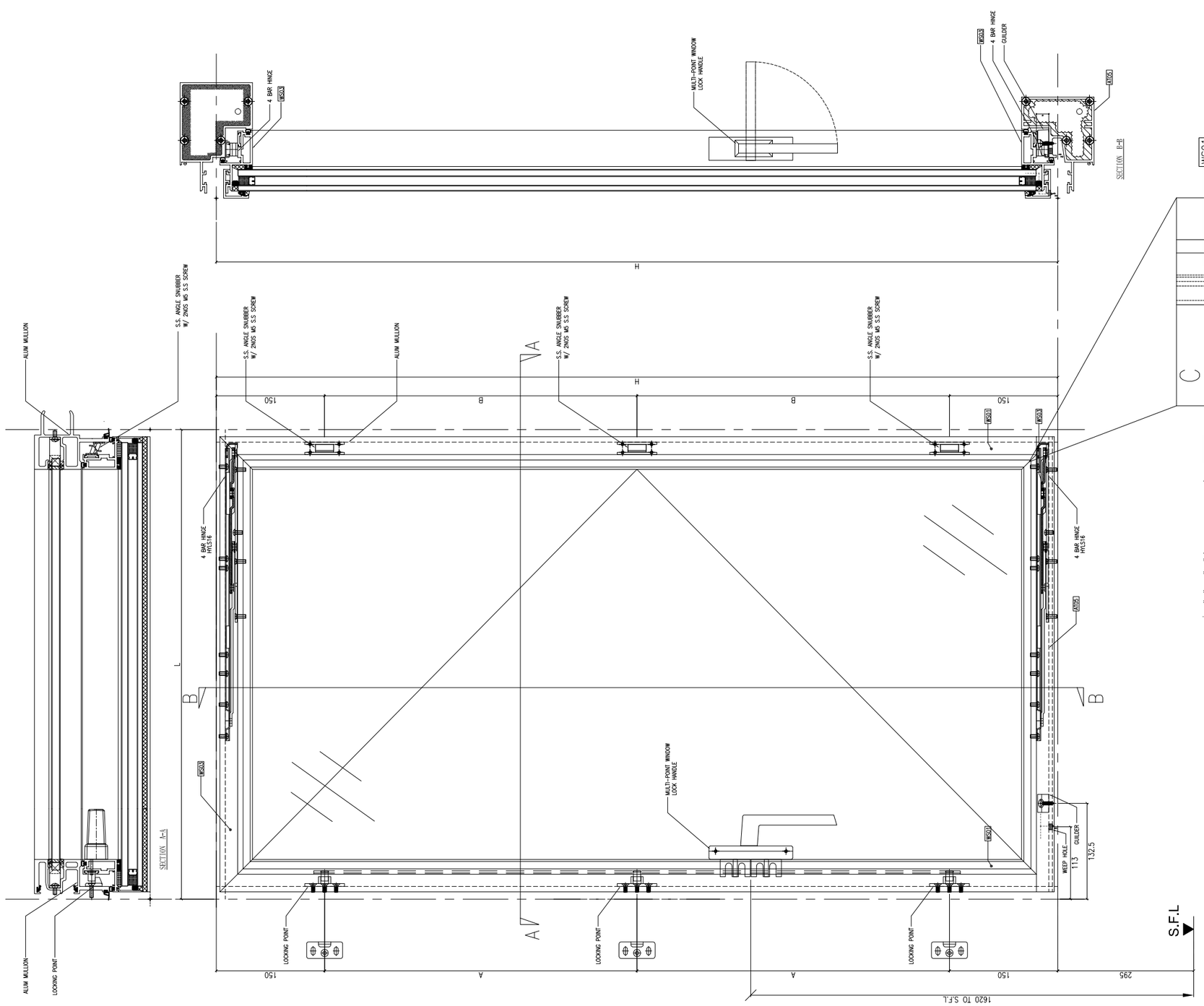
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL

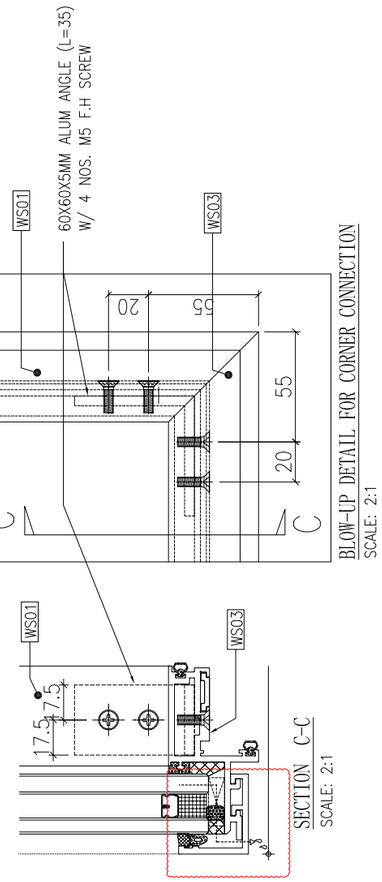
DATE : 31-OCT-22 | SCALE : 1:5

DRAWN BY : C.F | CHECKED BY :

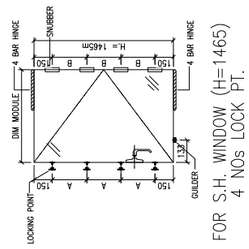
美特鋁製有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

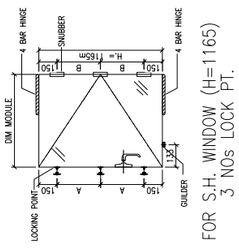
DWG NO. : J856-SD-CW-8514 | REV. : A





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 :

ADD WATER PATH FOR OPEN WINDOW

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

NO.	DATE	REVISED	BY
A	30-MAY-2022	6TH SHOPDRAWING	CF

JOB NO. : J-856

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

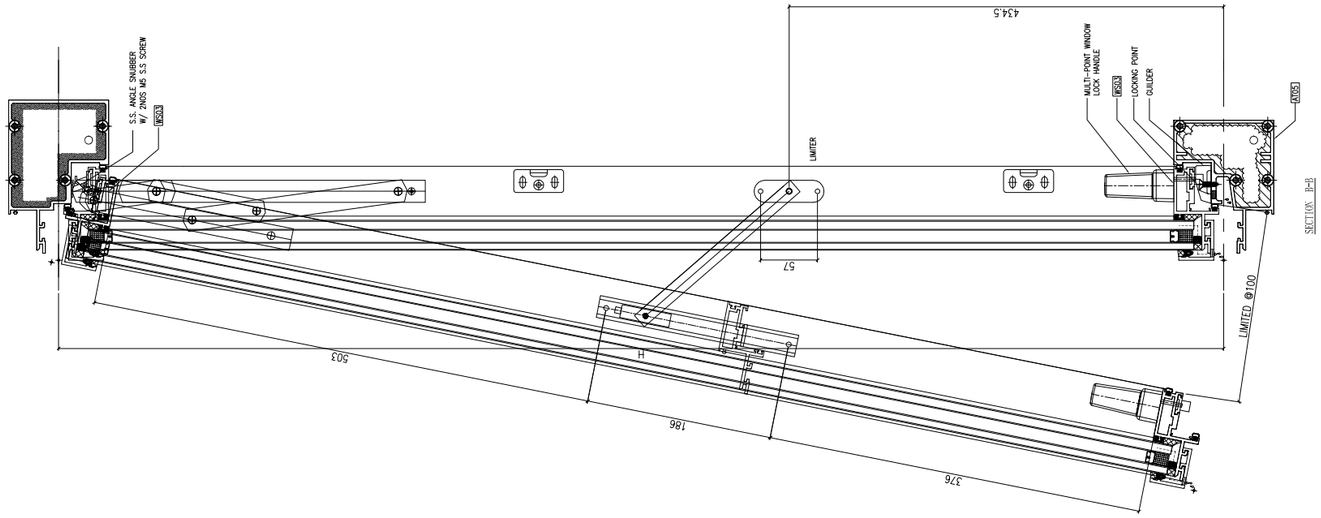
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL (PMU)

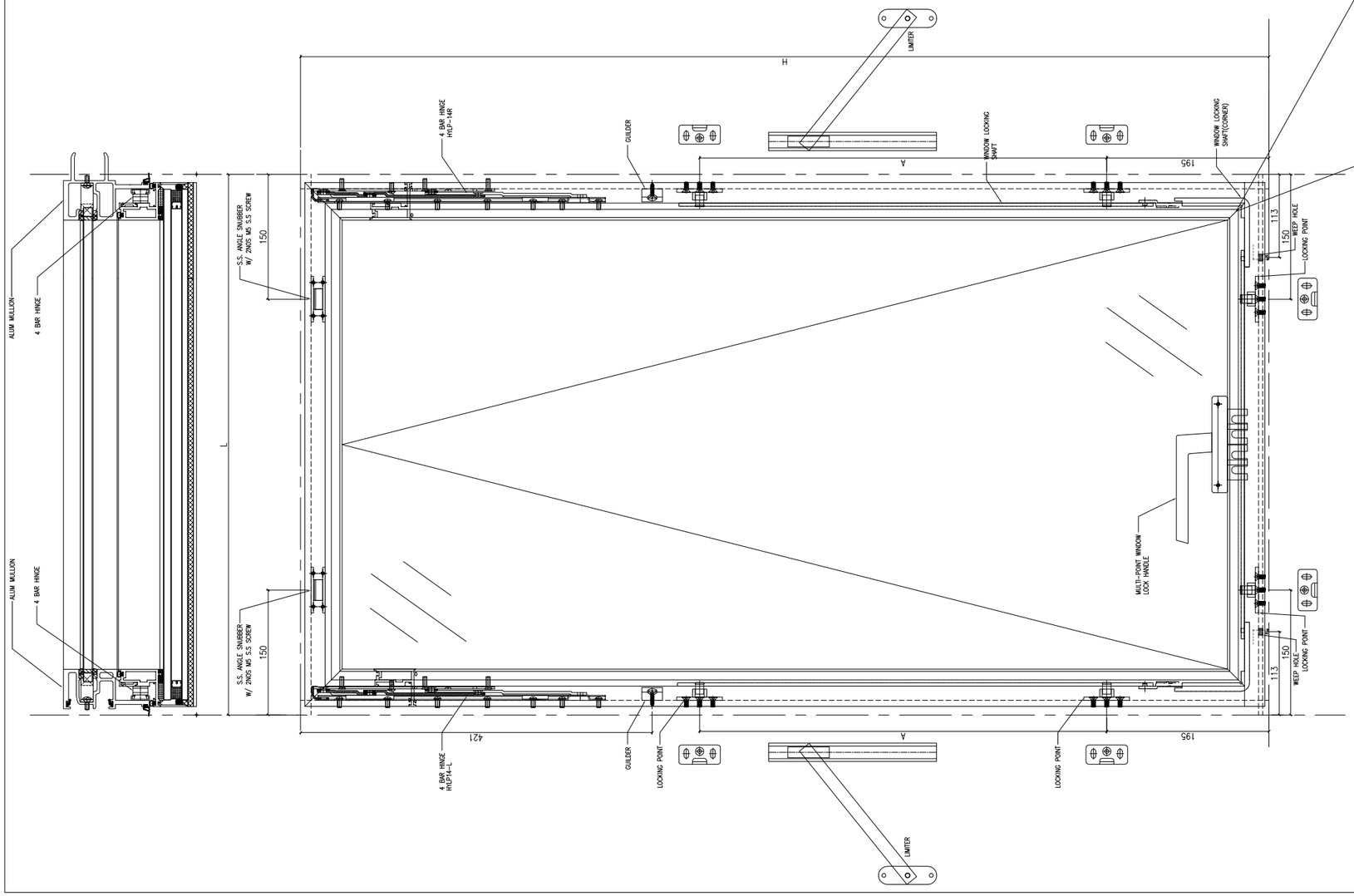
DATE : 31-MAR-23 | SCALE : 1:6

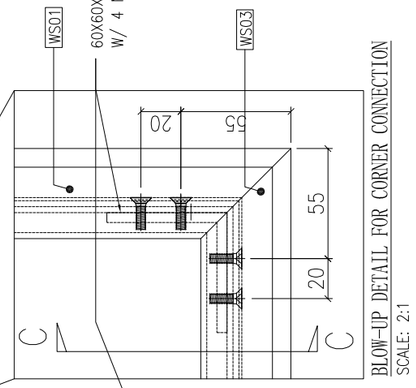
DRAWN BY : C.F | CHECKED BY :

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

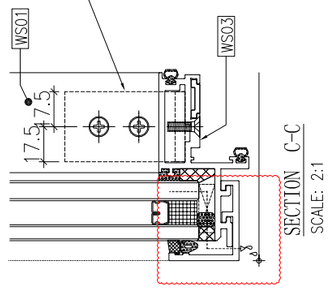
DWG NO. : J856-SD-CW-8515 | REV. : A



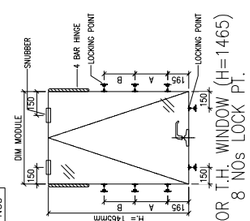




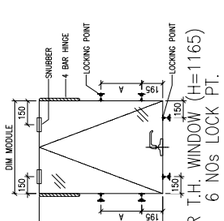
BLOW-UP DETAIL FOR CORNER CONNECTION
SCALE: 2:1



SECTION C-C
SCALE: 2:1



FOR T.H. WINDOW (H=1465)
8 NOs LOCK PT.



FOR T.H. WINDOW (H=1165)
6 NOs LOCK PT.

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

B.D. REF :

ADD WATER PATH FOR OPEN WINDOW

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-2022	6TH SHOPDRAWING	CF

JOB NO. : J-856

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

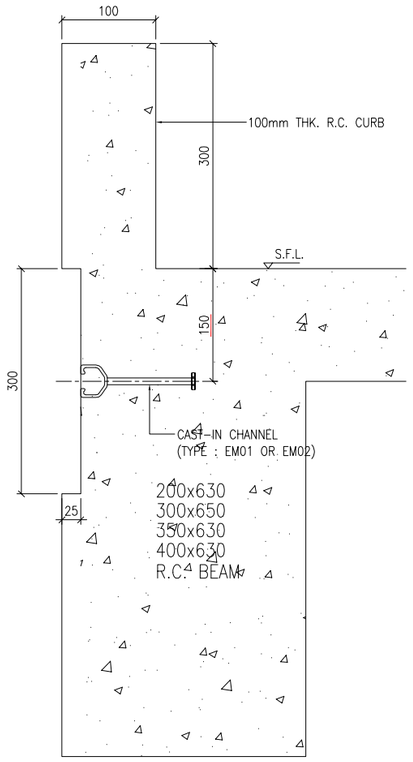
TITLE :
TYPICAL DETAIL FOR CURTAIN WALL (PMU)

DATE : 31-MAR-23 | SCALE : 1:4

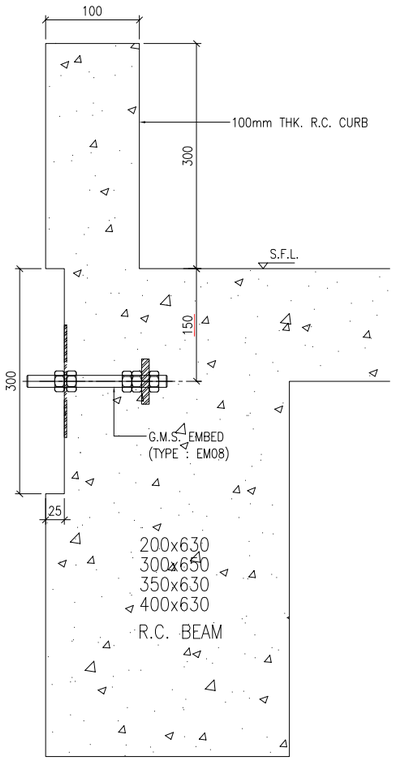
DRAWN BY : C.F | CHECKED BY :

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

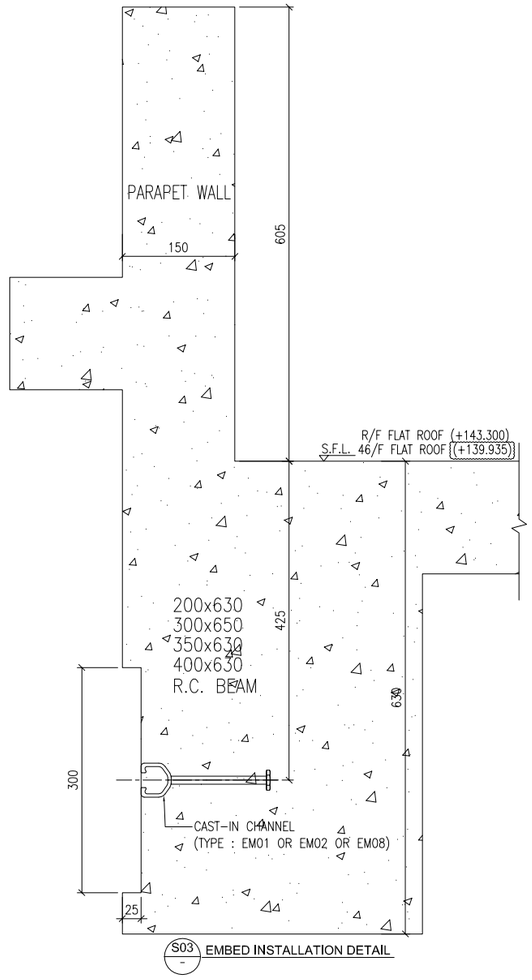
DWG NO. : J856-SD-CW-8516 | REV. : A



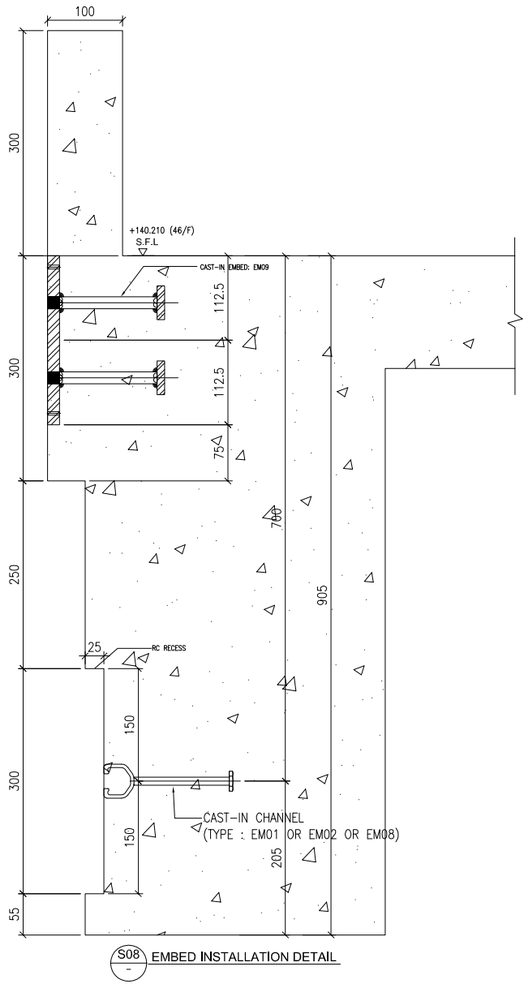
S01 EMBED INSTALLATION DETAIL



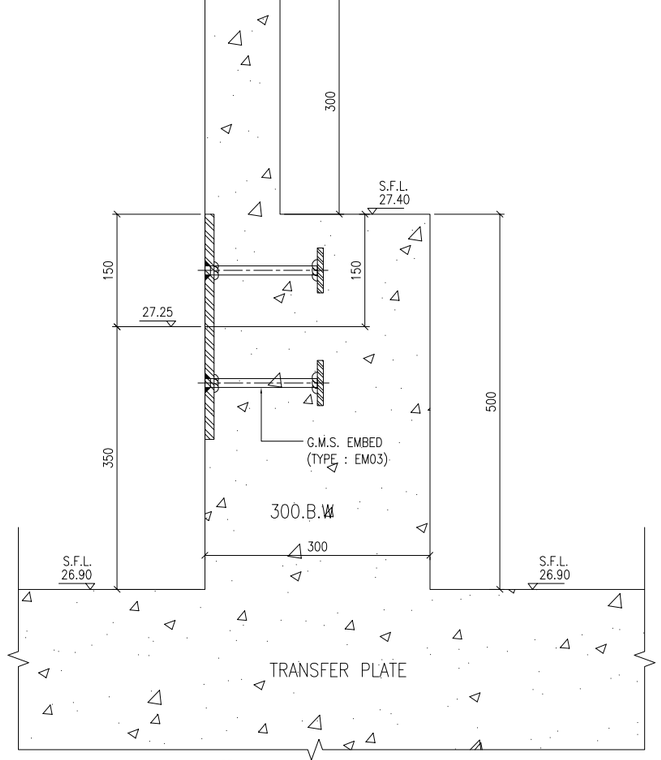
S02 EMBED INSTALLATION DETAIL



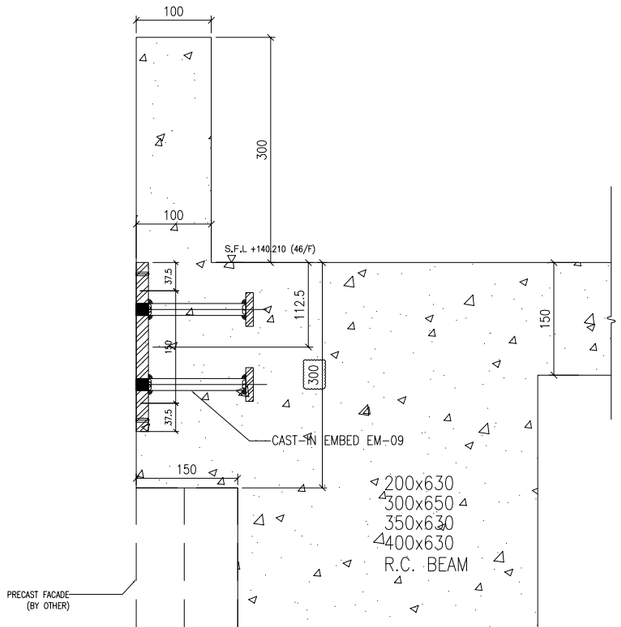
S03 EMBED INSTALLATION DETAIL



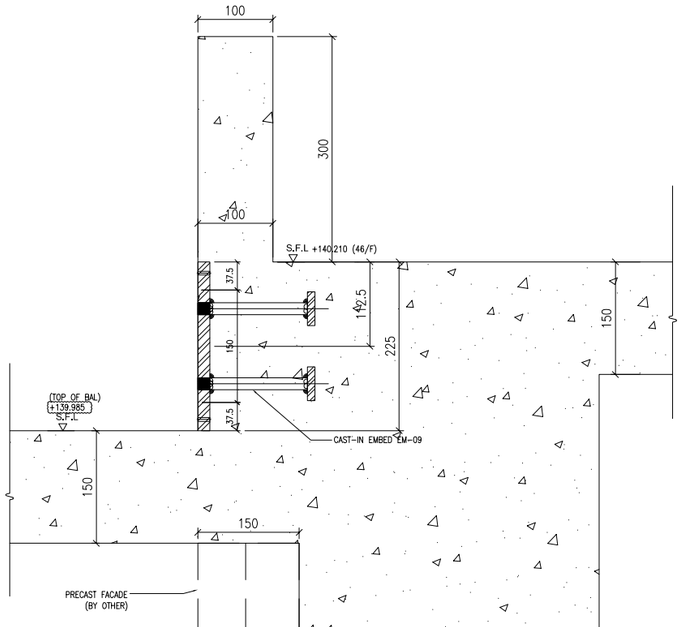
S08 EMBED INSTALLATION DETAIL



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
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	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 :
TYPICAL EMBED SECTION SETTING OUT

DATE : 31-OCT-22 | SCALE : 1:8

DRAWN BY : C.F | CHECKED BY :

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DWG NO. : J856-SD-CW-9001 | REV. : B