



工程指示 / 要求簡箋(E.I.)

工程指示編號：EI / 9720 / 18

修改版次：E

工程編號：J - 837

工程名稱：觀塘裕民坊

工程項目：幕牆 Glass Cladding 拆圖(4th 大圖修改)

收件人：生統

發件人：Eric Liu

日期：11/03/2019

☐ 要求提供 / ☐ 確認 事項：

- | | | |
|------------------------------------|-------------------------------------|-------------------------------|
| ☐ 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：

D 版: 提供幕牆 Glass Cladding 4th 大圖(修改)

有關 T5H 位置分倉跟回 3RD 版本大圖，但 DETAIL 仍要修改(125 石矢)

請安排拆圖，包括以下內容:

1. 鐵件 2. 鋁料 3. 玻璃 4. 配件

謝謝！

請在 **2019/ 03 / 13** 前完成上列要求。

附：1 份大圖+CAD

以上項目為:

☐ 原合約工程包 ☐ 原合約工程加 / 減賬 ☐ 新工程報價

原因：-

分發東莞各部門：

() 生產技術總監 ☐ 連附件 () 技術部 ☒ 連附件 () 生產部 ☐ 連附件 () 機械設計部 ☐ 連附件
() 採購部 ☐ 連附件 () 生產統籌部 ☒ 連附件
() 質檢部 ☐ 連附件 () 會計部 ☐ 連附件 () 報關組 ☐ 連附件 () 其他 楊榮輝 ☐ 連附件

分發其他分判：

() 王禮秋 ☐ 連附件

分發香港各部門：

() 行政部 ☐ 連附件 () 會計部 ☐ 連附件 () 統籌部 ☐ 連附件 () 工程部地盤科文 ☐ 連附件
() 採購部 ☐ 連附件 () QS 部 ☐ 連附件 () 維修部 ☐ 連附件 () 其他 _____ ☐ 連附件

傳遞編號：

HK 0583 /19

發件人簽署：

項目經理簽署：

PROJECT :

**URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON**

4

TITLE : SHOPDRAWING SUBMISSION DRAWINGS
OF GLASS CLADDING

DATE: 8 - Mar - 2019

DRAWING SUBMISSION REGISTER

PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON TITLE : SHOPDRAWING FOR GLASS CLADDING	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	02	03	04							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	04	13	17	02																					
	MONTH	09	10	11	03																					
	YEAR	18	18	18	19																					
DRAWING TITLE	DWG. NO.	REVISIONS										COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE
COVERPAGE	J837-GC-CP01	-	A	B	C																					
DRAWING SUBMISSION REGISTER	J837-GC-DR01	-	A	B	C																					
DRAWING SUBMISSION REGISTER	J837-GC-DR02				-																					
GENERAL NOTES OF GLASS CLADDING	J837-GC-GN01	-	A	B	B																					
SECTION PROPERTIES OF GLASS CLADDING	J837-GC-ML01	-	A	B	B																					
SECTION PROPERTIES OF GLASS CLADDING	J837-GC-ML02		-	-	A																					
SECTION PROPERTIES OF GLASS CLADDING	J837-GC-ML03				-																					
PART ELEVATION OF GLASS CLADDING	J837-GC-2101	-	A	B	C																					
PART ELEVATION OF GLASS CLADDING	J837-GC-2102	-	A	B	C																					
PART ELEVATION OF GLASS CLADDING	J837-GC-2201	-	A	B	C																					
PART ELEVATION OF GLASS CLADDING	J837-GC-2202	-	A	B	C																					
PART ELEVATION OF GLASS CLADDING	J837-GC-2301	-	A	B	C																					
PART ELEVATION OF GLASS CLADDING	J837-GC-2501	-	A	B	C																					
PART ELEVATION OF GLASS CLADDING	J837-GC-2502	-	A	B	C																					
TYPICAL SECTION OF GLASS CLADDING	J837-GC-2601	-	-	A	B																					
TYPICAL SECTION OF GLASS CLADDING	J837-GC-2602				-																					
6TH FLOOR FULL LAYOUT PLAN AT TOWER 1	J837-GC-3101	-	-	A	B																					
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 1	J837-GC-3102	-	-	A	B																					
50TH FLOOR PLAN FULL LAYOUT PLAN AT TOWER 1	J837-GC-3103	-	-	A	B																					
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 1	J837-GC-3104	-	-	A	B																					
6TH FLOOR FULL LAYOUT PLAN AT TOWER 2	J837-GC-3201	-	-	A	B																					
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 2	J837-GC-3202	-	-	A	B																					
55TH FLOOR PLAN FULL LAYOUT PLAN AT TOWER 2	J837-GC-3203	-	-	A	B																					
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 2	J837-GC-3204	-	-	A	B																					
6TH FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3301	-	-	A	A																					
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3302	-	-	A	A																					
52ND FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3303	-	-	A	A																					
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3304	-	-	A	A																					
6TH FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3501	-	-	A	B																					
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3502	-	-	A	B																					
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3503	-	-	A	B																					
51ST FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3504	-	-	A	B																					
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3505	-	-	A	A																					
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5001	-	-	A	B																					
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5002	-	-	A	B																					
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5003	-	A	B	B																					
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5004	-	A	B	B																					
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5005		-	A	A																					
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5006			-	A																					
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5007				-																					
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5008				-																					
TOTAL PAGES : (INCLUDING COVERPAGE AND DRAWING SUBMISSION REGISTER)					41																					

IN-HOUSE DESIGN CHECKER

美特鋁質有限公司

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

DWG NO. : J837-GC-DR01REV. : C

1. DESIGN CODES :
- a) BUILDING (CONSTRUCTION) REGULATIONS , 1990 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) BS 8118 – THE STRUCTURAL USE OF ALUMINIUM , PART 1 – 1991 (PARTIAL LOAD FACTOR OF 1.4 FOR WIND LOAD)
 - f) BS 6262 –CODE OF PRACTICE FOR GLAZING OF BUILDING – 2005.
 - g) BS EN 10088: 2005 STAINLESS STEELS.
 - h) ALL RELEVANT CODES AND STANDARDS AS PER PROJECT TECHNICAL SPECIFICATIONS.
 - i) CODE OF PRACTICE FOR DEAD AND IMPOSED LOAD 2011

2. DESIGN LOADS :
- a) WIND LOAD :
- HEIGHT ABOVE GROUND LEVEL = 188.42mPD – 8.58mPD = 179.84m
- DESIGN WIND PRESSURE FOR GLASS CLADDING
- BASE WIND LOAD: 3.14 KP_a
- DESIGN WIND LOAD (C_p = +1.0/–1.4):
- 3.14 x (C_p = +1.0) = 3.14 KP_a (FOR INWARD)
- 3.14 x (C_p = –1.4) = –4.396 KP_a (FOR OUTWARD)

- b) DEAD LOAD :
- GLASS WEIGHT: 26 kN/m³
- STEEL WEIGHT: 77 kN/m³
- ALUM. WEIGHT: 27.2 kN/m³

3. GLASS :
- a) FACIAL GLASS FOR GLASS CLADDING USED TO BE :
- i) G4 : 8 mm THK. BLUE TINTED HEAT STRENGTHENED GLASS WITH BACK PAN (MAX SIZE 2250Hx700W)
 - ii) G5 : 8 mm THK. BLUE TINTED TEMPERED GLASS (MAX SIZE 2250Hx1370W)

- b) FULL TEMPERED GLASS TO BE 100% HEAT SOAK TESTED IN ACCORDANCE WITH BS EN 14179–1:2005 AND PMAP APP 37.

- c) DESIGN OF GLASS SHALL COMPLY TO B.S. 6262 , 2005. :
- ALLOWABLE BENDING STRENGTH (TEMPERED) =50 N/mm²
 - ALLOWABLE BENDING STRENGTH (HEAT STRENGTHENED) =25 N/mm²
 - YOUNG'S MODULUS =70,000 N/mm²
 - DENSITY =26 kN/m³

- d) GLASS MATERIALS SHALL COMPLY TO BS 952:1995
- e) ALL GLASS UNDER 1.1m ABOVE F.F.L. SHALL BE COMPLY IMPACT TEST TO BS 6206 CLASS A.
- f) RESIDUAL SURFACE COMPRESSION FOR TEMPERED GLASS TO BE NOT LESS THAN 69 MPa.

4. ALUMINIUM ALLOY :
- a) ALUMINIUM SHEET :
- ALL ALUMINIUM SHEET TO BE ALLOY 3003–H14 TO ALUMINIUM DESIGN MANUAL: BS EN485–2:2008
- 0.2% PROOF (YIELD) STRENGTH = 125 MPa
- MINIMUM ULTIMATE TENSILE STRESS = 145 MPa
- MODULUS OF ELASTICITY (E) = 70000 MPa.
- b) ALUMINIUM EXTRUSION : IN ACCORDANCE WITH DESIGN CODE BS: 8118–1:1991, COMPLY TO BS EN 755–2, 2008
- i) ALUMINIUM EXTRUSION – TO BE ALLOY 6063–T5
 - 0.2% PROOF STRENGTH = 110 MPa
 - MINIMUM TENSILE STRENGTH = 130 MPa
 - MODULUS OF ELASTICITY = 70000 MPa.
 - ii) ALUMINIUM EXTRUSION – TO BE ALLOY 6063–T6
 - 0.2% PROOF STRENGTH = 160 MPa
 - MINIMUM TENSILE STRENGTH = 175 MPa
 - MODULUS OF ELASTICITY = 70000 MPa.

5. STEEL :
- a) ALL STEEL MEMBERS SHALL MEET THE MINIMUM REQUIREMENTS OF BS EN10025 S275 JO AND CLASS 1 TO C.O.P. FOR THE STRUCTURAL USE OF STEEL 2011.
- b) SURFACE TREATMENT SHALL BE HOT–DIP GALVANIZED COMPLIED WITH BS EN ISO 1461, 2009.
- (MIN. THICKNESS = 85 MICRONS)
- | FOR THICKNESS "t" : ≤16mm (GRADE S275) | FOR THICKNESS "t" : 16mm<T≤40mm (GRADE S275) |
|---|--|
| YOUNG'S MODULUS 205,000 N/mm ² | YOUNG'S MODULUS 205,000 N/mm ² |
| DENSITY 77 kN/m ³ | DENSITY 77 kN/m ³ |
| YIELD STRENGTH 275 N/mm ² | YIELD STRENGTH 265 N/mm ² |
| TENSILE STRENGTH 275 N/mm ² | TENSILE STRENGTH 265 N/mm ² |
| BENDING STRENGTH 275 N/mm ² | BENDING STRENGTH 265 N/mm ² |
| SHEAR STRENGTH 158.8 N/mm ² | SHEAR STRENGTH 153 N/mm ² |

6. WELDING :
- a) ALL WELDS SHALL COMPLY TO BS EN 1011 & BS EN 440 OR EQUIVALENT TO HKSC 2011.
- DESIGN STRENGTH 220 N/mm²
- b) UNLESS OTHERWISE INDICATED, ALL WELDS SHALL BE 5mm THICK FILLET WELD.
- c) ALL WELDING SHALL BE ELECTRODE PERFORMED BY QUALIFIED WELDERS, TO BE COMPLY WITH BS EN 1011.
- d) ALL SITE WELDS SHALL BE RECEIVED 2 COATS OF ZINC CHROMATE PRIMER.

7. SILICONE SEALANT :
- a) " DOW SIL – 791 " TO BE USED AS WEATHER SEALED & CAULKING SEALANT.
- b) " DOW CORNING – 983 " TO BE USED AS STRUCTURAL GLAZING SEALANT.
- (ALLOWABLE STRENGTH = 137.8 kPa) (BD REF. NO. BD–SS001)
- UNLESS OTHERWISE INDICATED , ALL STRUCTURAL SEALANT BITE SHALL BE MIN. 15mm.

GENERAL NOTES FOR GLASS CLADDING

8. GASKET & SETTING BLOCK :
- a) ALL GASKET USED SHALL BE DENSE EXTRUDED SANTOPRENE WITH A HARDNESS OF 60'±5'.
 - b) SETTING BLOCKS SHALL BE DENSE EXTRUDED SANTOPRENE WITH A HARDNESS OF 85'±5' DUROMETER SHORE A , A MIN. LENGTH OF 120 mm & A MIN. WIDTH CORRESPONDING TO THE GLASS THICKNESS & LOCATED AT GLASS 1/8 POINTS.

9. FASTENERS
- ALL FASTENERS, BOLTS & NUTS SHALL BE STAINLESS STEEL GRADE A4–70 COMPLYING WITH BS EN ISO 3506.

FOR GRADE A4–70					
MINIMUM YIELD STRENGTH, Y _{sb}	=	450 MPa			
ULTIMATE TENSILE STRENGTH, U _{sb}	=	700 MPa			
SHEAR STRENGTH, P _{sb}	=	311 MPa			
TENSILE STRENGTH, P _{tb}	=	450 MPa			
BEARING STRENGTH, P _{bb}	=	828 MPa			
UNLESS OTHER SPECIFIED, ALL SCREWS SHALL BE M6 AT 300 C/C GRADE A4–70 STAINLESS STEEL COMPLIED WITH BS EN ISO 3506.(FOR NON–EXPOSED AREA)					

10. ISOLATION FOR METALS
- ALUMINIUM / STEEL CONTACTED SURFACE SHALL BE ISOLATED WITH PVC SHEET & STEEL / CONCRETE INTERFACE SHALL BE APPLIED A LAYER OF BITUMINOUS PAINT FOR PROTECTION AGAINST BI–METALLIC CORROSION.

11. CONCRETE GRADE
- CONCRETE STRUCTURE SHOWN IN THE SUBMISSION SHALL BE OF GRADE 35D MINIMUM.

12. ANCHOR BOLT FOR ALUM. CLADDING
- ANCHOR BOLT TO BE "HILTI" TYPE,DESIGN AND INSTALLATION TO BE IN ACCORDANCE(FOR CRACKED CONCRETE)

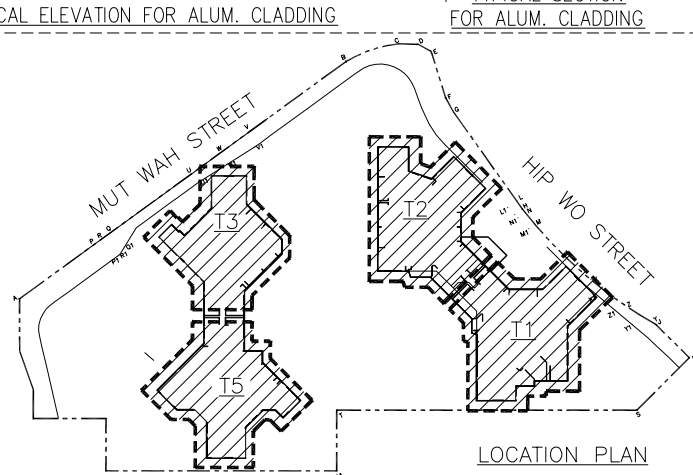
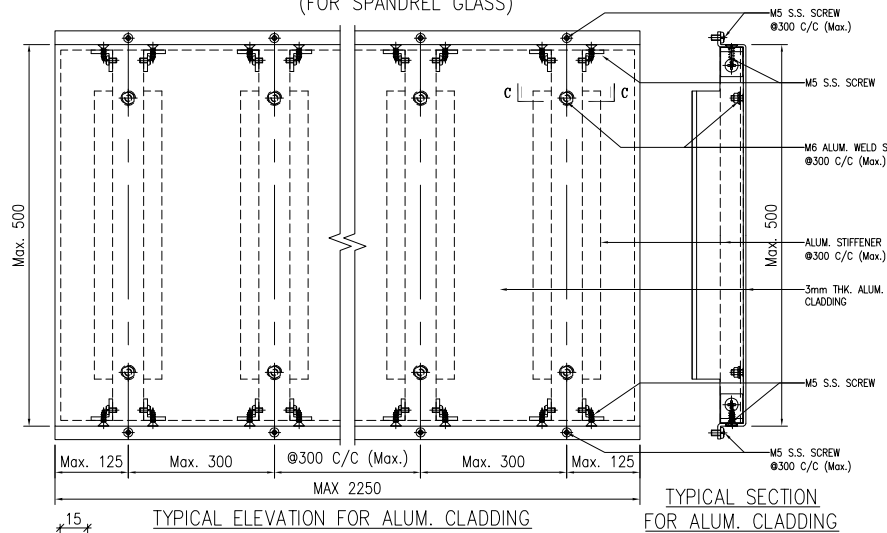
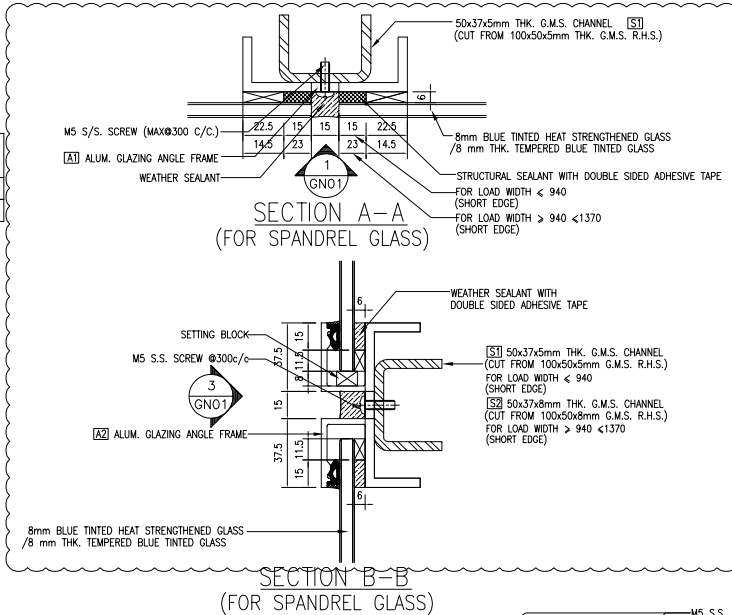
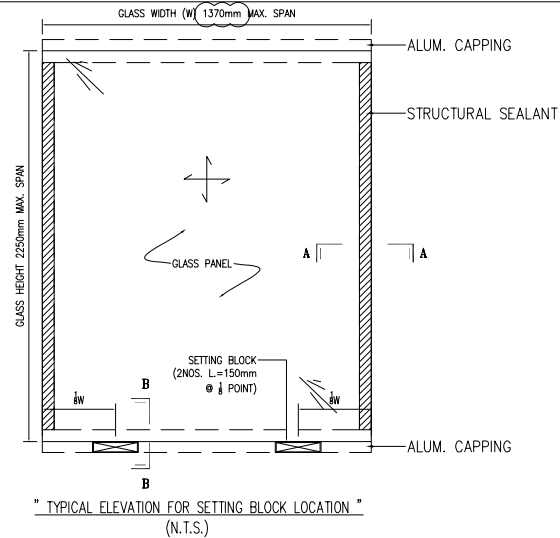
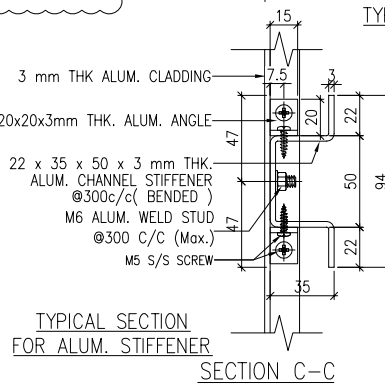
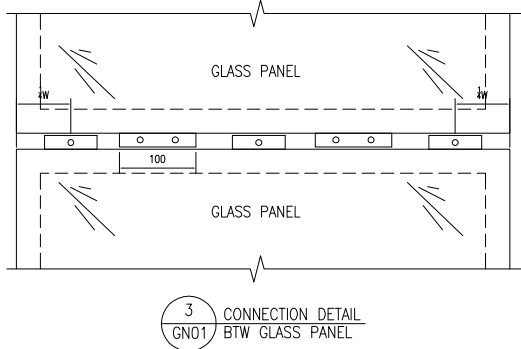
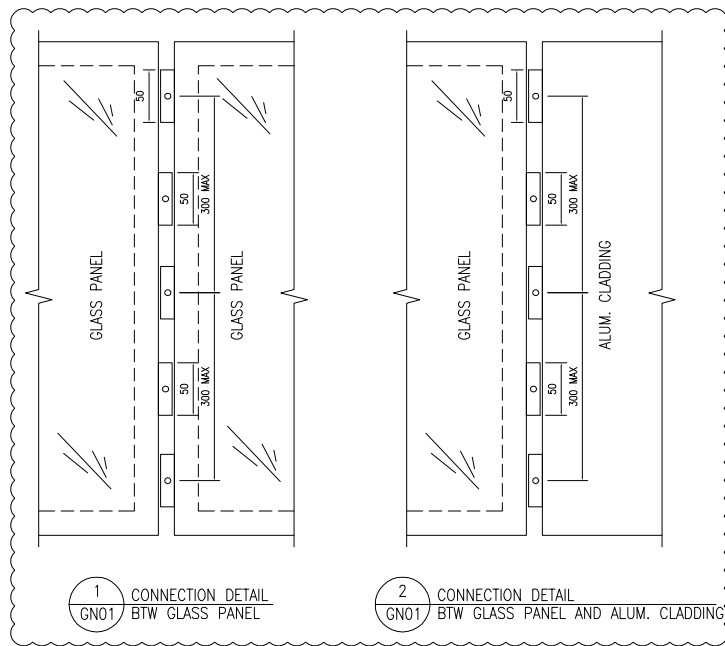
Anchor Type	BD REF. NO	Min. embedment depth (mm) into sound concrete	Minimum edge distance in concrete	Minimum spacing in concrete	Recommended Load Tensile (kN)	Recommended Load Shear (kN)	Test load(1.5 x recommended tensile load) (kN)
M8 HST3-R	BD-AF151	84	40	50	1.183x2.5=2.9575	1.183x2.6=3.0758	=1.5x1.183x2.5=4.438
M12 HST3-R	BD-AF151	95	55	80	4.0	10	=1.5x4.0=6

CONSIDER CONCRETE GRADE FACTOR: $\sqrt{\frac{35}{25}}$ =1.183

13. ALL GLASS CLADDING SHALL BE FIXED AND LIE IN FRONT OF R.C. STRUCTURE ONLY

14. CAST–IN EMBED–REBAR TO BE GRADE 500B TO CS2:2012

15. LATEST GBP APPROVAL DATE: 11/07/2017
- LATEST FRAMING PLAN APPROVAL DATE: 06/10/2017



B.D. REF :

CLIENT :

信和置業有限公司
Sino Land Company Limited

ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :

CR Construction Company Limited

STRUCTURAL ENGINEER :

AECOM

FACADE CONSULTANT:

AECOM

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

B	17/11/2018	GENERAL REVISED	
A	15/10/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J–837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
GENERAL NOTES
FOR GLASS CLADDING

DATE : 13–JUL–18

SCALE : 1:1 (A1)

DRAWN BY : ASING

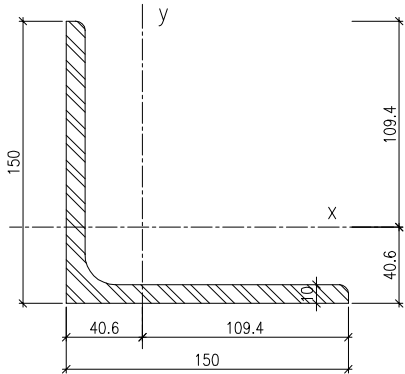
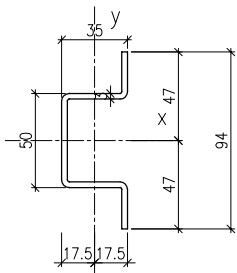
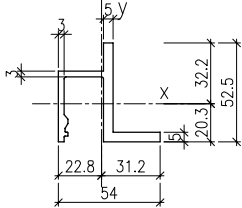
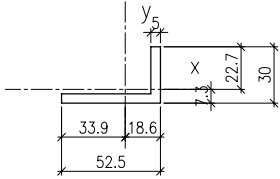
CHECKED BY : –

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)2727666

DWG NO. : J837–GC–GN01

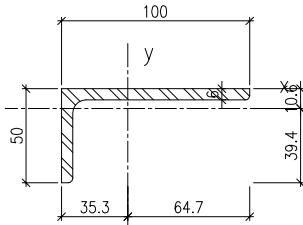
REV. : B

A1 --- ALUMINIUM GLAZING ANGLE GRADE ---- 6063 T6	COATING --- PVF2 COATING	A2 --- ALUMINIUM GLAZING ANGLE GRADE ---- 6063 T6	COATING --- PVF2 COATING	3mm THK. ALUM. CHANNEL STIFFENER GRADE ---- 3003-H14	COATING --- N/A FINISHED
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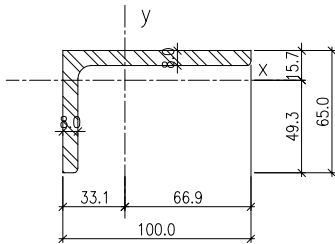


150x150x10mm THK. G.M.S. ANGLE BRACKET (GRADE --- S275)

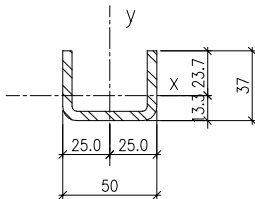
MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES
Area (mm ²) :	387.5	Area (mm ²) :	579.0	Area (mm ²) :	461.1	Area (mm ²) :	2945.0
Perimeter (mm) :	165.0	Perimeter (mm) :	285.2	Perimeter (mm) :	313.4	Perimeter (mm) :	589.0
Bounding Box - X (mm):	-33.9 to 18.6	Bounding Box - X (mm):	-22.8 to 31.2	Bounding Box - X (mm):	-17.5 to 17.5	Bounding Box - X (mm):	-40.6 to 109.4
Bounding Box - Y (mm):	-7.3 to 22.7	Bounding Box - Y (mm):	-20.3 to 32.2	Bounding Box - Y (mm):	-47.0 to 47.0	Bounding Box - Y (mm):	-40.6 to 109.4
Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0
Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0
Moments of inertia - X (mm ⁴) :	26109.7	Moments of inertia - X (mm ⁴) :	140880.3	Moments of inertia - X (mm ⁴) :	306701.0	Moments of inertia - X (mm ⁴) :	6351138.5
Moments of inertia - Y (mm ⁴) :	108316.7	Moments of inertia - Y (mm ⁴) :	118949.8	Moments of inertia - Y (mm ⁴) :	85599.1	Moments of inertia - Y (mm ⁴) :	6351138.3
Product of inertia - XY (mm ⁴) :	30166.3	Product of inertia - XY (mm ⁴) :	-37896.0	Product of inertia - XY (mm ⁴) :	0.0	Product of inertia - XY (mm ⁴) :	3726890.1
Radii of gyration - X (mm) :	8.2	Radii of gyration - X (mm) :	15.6	Radii of gyration - X (mm) :	25.8	Radii of gyration - X (mm) :	46.4
Radii of gyration - Y (mm) :	16.7	Radii of gyration - Y (mm) :	14.3	Radii of gyration - Y (mm) :	13.6	Radii of gyration - Y (mm) :	46.4
Principal moments along X-Y (mm ⁴) :	16227.9 along [1.0 0.3]	Principal moments along X-Y (mm ⁴) :	90464.5 along [0.6 -0.8]	Principal moments along X-Y (mm ⁴) :	306701.0 along [1.0 0.0]	Principal moments along X-Y (mm ⁴) :	10078028.4 along [0.7 0.7]
Principal moments along Y-X (mm ⁴) :	118198.6 along [-0.3 1.0]	Principal moments along Y-X (mm ⁴) :	169365.5 along [0.8 0.6]	Principal moments along Y-X (mm ⁴) :	85599.1 along [0.0 1.0]	Principal moments along Y-X (mm ⁴) :	2624248.3 along [-0.7 0.7]
Elastic Modulus - Zx (mm ³):	I / y-max= 1152.2	Elastic Modulus - Zx (mm ³):	I / y-max= 4369.2	Elastic Modulus - Zx (mm ³):	I / y-max= 6525.6	Elastic Modulus - Zx (mm ³):	I / y-max= 58035.6
Elastic Modulus - Zy (mm ³):	J / x-max= 3194.1	Elastic Modulus - Zy (mm ³):	J / x-max= 3818.1	Elastic Modulus - Zy (mm ³):	J / x-max= 4891.4	Elastic Modulus - Zy (mm ³):	J / x-max= 58035.6



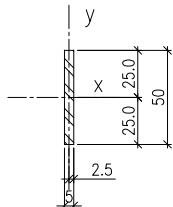
100x50x6mm THK. G.M.S ANGLE BRACKET (GRADE --- S275)



100x65x8mm THK. G.M.S. ANGLE BRACKET (GRADE --- S275)



50x37x5mm THK. G.M.S. CHANNEL (GRADE --- S275)
(CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)



50x5mm G.M.S. BAR (CONT.) (GRADE --- S275)

MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES
Area (mm ²) :	872.0	Area (mm ²) :	1264.0	Area (mm ²) :	548.5	Area (mm ²) :	250.0
Perimeter (mm) :	294.9	Perimeter (mm) :	324.9	Perimeter (mm) :	229.4	Perimeter (mm) :	110.0
Bounding Box - X (mm):	-35.3 to 64.7	Bounding Box - X (mm):	-33.1 to 66.9	Bounding Box - X (mm):	-25.0 to 25.0	Bounding Box - X (mm):	-2.5 to 2.5
Bounding Box - Y (mm):	-39.4 to 10.6	Bounding Box - Y (mm):	-49.3 to 15.7	Bounding Box - Y (mm):	-13.3 to 23.7	Bounding Box - Y (mm):	-25.0 to 25.0
Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0
Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0
Moments of inertia - X (mm ⁴) :	157189.7	Moments of inertia - X (mm ⁴) :	431914.8	Moments of inertia - X (mm ⁴) :	72810.4	Moments of inertia - X (mm ⁴) :	52082.4
Moments of inertia - Y (mm ⁴) :	907790.5	Moments of inertia - Y (mm ⁴) :	1283316.8	Moments of inertia - Y (mm ⁴) :	202582.1	Moments of inertia - Y (mm ⁴) :	520.8
Product of inertia - XY (mm ⁴) :	212691.2	Product of inertia - XY (mm ⁴) :	-430462.0	Product of inertia - XY (mm ⁴) :	0.0	Product of inertia - XY (mm ⁴) :	0.0
Radii of gyration - X (mm) :	13.4	Radii of gyration - X (mm) :	18.5	Radii of gyration - X (mm) :	11.5	Radii of gyration - X (mm) :	14.4
Radii of gyration - Y (mm) :	32.3	Radii of gyration - Y (mm) :	31.9	Radii of gyration - Y (mm) :	19.2	Radii of gyration - Y (mm) :	1.4
Principal moments along X-Y (mm ⁴) :	101111.0 along [1.0 0.3]	Principal moments along X-Y (mm ⁴) :	252207.8 along [0.9 0.4]	Principal moments along X-Y (mm ⁴) :	72810.4 along [1.0 0.0]	Principal moments along X-Y (mm ⁴) :	52082.4 along [1.0 0.0]
Principal moments along Y-X (mm ⁴) :	963869.2 along [-0.3 1.0]	Principal moments along Y-X (mm ⁴) :	1463023.8 along [-0.4 0.9]	Principal moments along Y-X (mm ⁴) :	202582.1 along [0.0 1.0]	Principal moments along Y-X (mm ⁴) :	520.8 along [0.0 1.0]
Elastic Modulus - Zx (mm ³):	I / y-max= 3984.9	Elastic Modulus - Zx (mm ³):	I / y-max= 8762.4	Elastic Modulus - Zx (mm ³):	I / y-max= 3077.8	Elastic Modulus - Zx (mm ³):	I / y-max= 2083.3
Elastic Modulus - Zy (mm ³):	J / x-max= 14020.5	Elastic Modulus - Zy (mm ³):	J / x-max= 19171.9	Elastic Modulus - Zy (mm ³):	J / x-max= 8103.3	Elastic Modulus - Zy (mm ³):	

B.D. REF :

CLIENT :
 信和置業有限公司
Sino Land Company Limited

ARCHITECT :
 WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AECOM

FACADE CONSULTANT:
 AECOM

NOTE :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.
LEGEND :
 X1 --- DETAIL MARK NO.
 X001 --- REFER SHEET NO.
1. F.F.L. ---FINISHED FLOOR LEVEL
2. S.F.L. ---STRUCTURAL FLOOR LEVEL
3.  ---REVERSED DETAIL

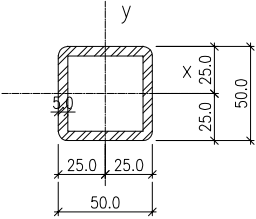
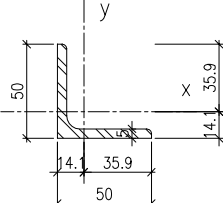
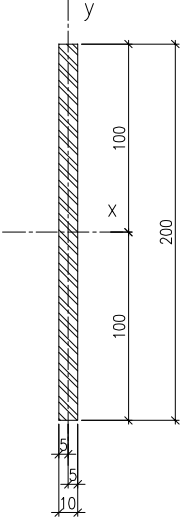
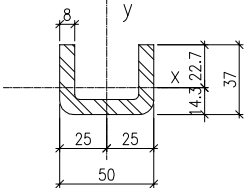
B	19/11/2018	GENERAL REVISED	
A	19/10/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837
PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

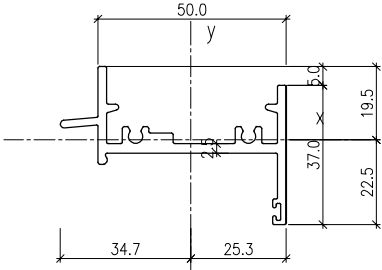
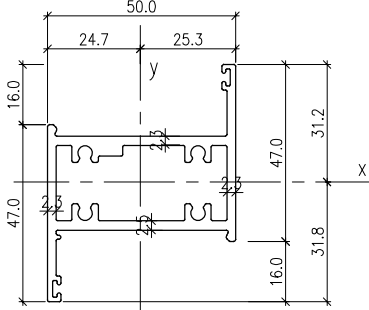
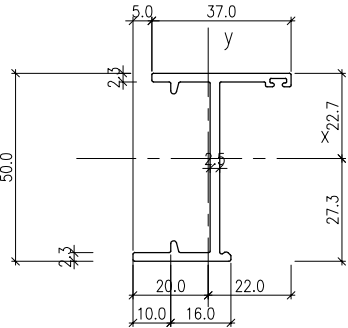
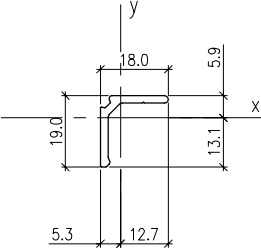
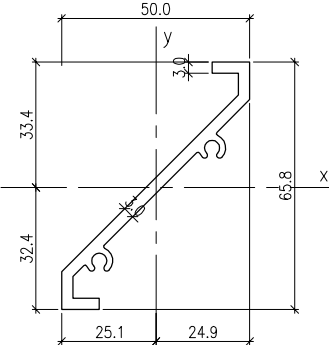
TITLE :
DIE LIST
FOR GLASS CLADDING

DATE : 13-JUL-18
SCALE : 1:2 (A1)
DRAWN BY : ASING
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)2727666
DWG NO. : J837-GC-ML01
REV. : B

							
50x50x5mm THK. G.M.S. SHS		50x50x5mm THK. G.M.S. ANGLE BRACKET (GRADE --- S275)		200x250x10mm THK. G.M.S. PLATE (GRADE --- S275)		50x37x8mm THK. G.M.S. CHANNEL (GRADE --- S275) (CUT FROM 100x50x8mm THK. G.M.S. R.H.S.) S27	
MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES
Area (mm ²) :	878.5	Area (mm ²) :	483.0	Area (mm ²) :	2000.0	Area (mm ²) :	842.5
Perimeter (mm) :	351.4	Perimeter (mm) :	194.9	Perimeter (mm) :	420.0	Perimeter (mm) :	223.4
Bounding Box - X (mm):	-25.0 to 25.0	Bounding Box - X (mm):	-14.1 to 35.9	Bounding Box - X (mm):	-5.0 to 5.0	Bounding Box - X (mm):	-25.0 to 25.0
Bounding Box - Y (mm):	-25.0 to 25.0	Bounding Box - Y (mm):	-14.1 to 35.9	Bounding Box - Y (mm):	-100.0 to 100.0	Bounding Box - Y (mm):	-14.3 to 22.7
Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0
Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0
Moments of inertia - X (mm ⁴) :	295240.1	Moments of inertia - X (mm ⁴) :	111482.9	Moments of inertia - X (mm ⁴) :	6666666.7	Moments of inertia - X (mm ⁴) :	104479.9
Moments of inertia - Y (mm ⁴) :	295240.3	Moments of inertia - Y (mm ⁴) :	111484.6	Moments of inertia - Y (mm ⁴) :	16666.6	Moments of inertia - Y (mm ⁴) :	277975.5
Product of inertia - XY (mm ⁴) :	0.0	Product of inertia - XY (mm ⁴) :	65154.1	Product of inertia - XY (mm ⁴) :	0.0	Product of inertia - XY (mm ⁴) :	0.0
Radii of gyration - X (mm) :	18.3	Radii of gyration - X (mm) :	15.2	Radii of gyration - X (mm) :	57.7	Radii of gyration - X (mm) :	11.1
Radii of gyration - Y (mm) :	18.3	Radii of gyration - Y (mm) :	15.2	Radii of gyration - Y (mm) :	2.9	Radii of gyration - Y (mm) :	18.2
Principal moments along X-Y (mm ⁴) :	295240.1 along [1.0 0.0]	Principal moments along X-Y (mm ⁴) :	46329.7 along [0.7 -0.7]	Principal moments along X-Y (mm ⁴) :	6666666.7 along [1.0 0.0]	Principal moments along X-Y (mm ⁴) :	104479.9 along [1.0 0.0]
Principal moments along Y-X (mm ⁴) :	295240.3 along [0.0 1.0]	Principal moments along Y-X (mm ⁴) :	176637.8 along [0.7 0.7]	Principal moments along Y-X (mm ⁴) :	16666.6 along [0.0 1.0]	Principal moments along Y-X (mm ⁴) :	277975.5 along [0.0 1.0]
Elastic Modulus - Zx (mm ³):	I / y-max= 11809.6	Elastic Modulus - Zx (mm ³):	I / y-max= 3106.1	Elastic Modulus - Zx (mm ³):	I / y-max= 66666.7	Elastic Modulus - Zx (mm ³):	I / y-max= 4596.4
Elastic Modulus - Zy (mm ³):	J / x-max= 11809.6	Elastic Modulus - Zy (mm ³):	J / x-max= 3106.1	Elastic Modulus - Zy (mm ³):	J / x-max= 3333.3	Elastic Modulus - Zy (mm ³):	J / x-max= 11119.0

A3 --- ALUM. WINDOW FRAME	COATING --- PVF2 COATING	A02 --- ALUM. TRANSOM	COATING --- PVF2 COATING	A03 --- ALUM. WINDOW FRAME	COATING --- PVF2 COATING	A4 --- ALUM. ANGLE	COATING --- PVF2 COATING	A5 --- ALUM. LOUVER	COATING --- PVF2 COATING
GRADE ---- 6063-T6	X846390	GRADE ---- 6063-T5	X846100	GRADE ---- 6063-T5	X846370	GRADE ---- 6063-T5	X844890	GRADE ---- 6063-T5	X843331

									
SCALE 2:1		SCALE 2:1		SCALE 2:1		SCALE 2:1		SCALE 2:1	

MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES
Area (mm ²) :	342.82	Area (mm ²) :	532.53	Area (mm ²) :	270.56	Area (mm ²) :	68.49	Area (mm ²) :	330.84
Perimeter (mm) :	289.03	Perimeter (mm) :	451.29	Perimeter (mm) :	239.01	Perimeter (mm) :	70.60	Perimeter (mm) :	238.46
Bounding Box - X (mm):	-34.70 to 25.30	Bounding Box - X (mm):	-24.66 to 25.34	Bounding Box - X (mm):	-19.98 to 22.02	Bounding Box - X (mm):	-5.26 to 12.74	Bounding Box - X (mm):	-25.07 to 24.93
Bounding Box - Y (mm):	-22.51 to 19.49	Bounding Box - Y (mm):	-31.76 to 31.24	Bounding Box - Y (mm):	-27.34 to 22.66	Bounding Box - Y (mm):	-27.34 to 5.95	Bounding Box - Y (mm):	-32.39 to 33.36
Centroid - X (mm) :	0.00	Centroid - X (mm) :	0.00	Centroid - X (mm) :	0.00	Centroid - X (mm) :	0.00	Centroid - X (mm) :	0.00
Centroid - Y (mm) :	0.00	Centroid - Y (mm) :	0.00	Centroid - Y (mm) :	0.00	Centroid - Y (mm) :	0.00	Centroid - Y (mm) :	0.00
Moments of inertia - X (mm ⁴) :	19354.31	Moments of inertia - X (mm ⁴) :	90114.79	Moments of inertia - X (mm ⁴) :	105795.49	Moments of inertia - X (mm ⁴) :	2363.75	Moments of inertia - X (mm ⁴) :	131492.97
Moments of inertia - Y (mm ⁴) :	134266.31	Moments of inertia - Y (mm ⁴) :	180076.93	Moments of inertia - Y (mm ⁴) :	18752.42	Moments of inertia - Y (mm ⁴) :	1945.17	Moments of inertia - Y (mm ⁴) :	90239.64
Product of inertia - XY (mm ⁴) :	-20546.96	Product of inertia - XY (mm ⁴) :	41817.33	Product of inertia - XY (mm ⁴) :	17502.93	Product of inertia - XY (mm ⁴) :	1408.79	Product of inertia - XY (mm ⁴) :	105727.93
Radii of gyration - X (mm) :	7.51	Radii of gyration - X (mm) :	13.01	Radii of gyration - X (mm) :	19.77	Radii of gyration - X (mm) :	5.87	Radii of gyration - X (mm) :	19.94
Radii of gyration - Y (mm) :	19.79	Radii of gyration - Y (mm) :	18.39	Radii of gyration - Y (mm) :	8.33	Radii of gyration - Y (mm) :	5.33	Radii of gyration - Y (mm) :	16.52
Principal moments along X-Y (mm ⁴) :	15790.88 along [0.99 -0.17]	Principal moments along X-Y (mm ⁴) :	73679.36 along [0.93 0.37]	Principal moments along X-Y (mm ⁴) :	5364.72 along [0.19 0.98]	Principal moments along X-Y (mm ⁴) :	730.21 along [0.65 0.76]	Principal moments along X-Y (mm ⁴) :	3145.12 along [0.64 0.77]
Principal moments along Y-X (mm ⁴) :	137829.73 along [0.17 0.99]	Principal moments along Y-X (mm ⁴) :	196512.35 along [-0.37 0.93]	Principal moments along Y-X (mm ⁴) :	99183.20 along [-0.98 0.19]	Principal moments along Y-X (mm ⁴) :	3578.71 along [-0.76 0.65]	Principal moments along Y-X (mm ⁴) :	218587.49 along [-0.77 0.64]
Elastic Modulus - Zx (mm ³):	I / y-max= 859.69	Elastic Modulus - Zx (mm ³):	I / y-max= 2837.46	Elastic Modulus - Zx (mm ³):	I / y-max= 3869.39	Elastic Modulus - Zx (mm ³):	I / y-max= 181.08	Elastic Modulus - Zx (mm ³):	I / y-max= 3941.11
Elastic Modulus - Zy (mm ³):	J / x-max= 3869.35	Elastic Modulus - Zy (mm ³):	J / x-max= 7107.20	Elastic Modulus - Zy (mm ³):	J / x-max= 851.70	Elastic Modulus - Zy (mm ³):	J / x-max= 152.63	Elastic Modulus - Zy (mm ³):	J / x-max= 3598.91

B.D. REF :

CLIENT :
 信和置業有限公司
Sino Land Company Limited

ARCHITECT :
 WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AECOM

FACADE CONSULTANT:
 AECOM

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

A	1/3/2019	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

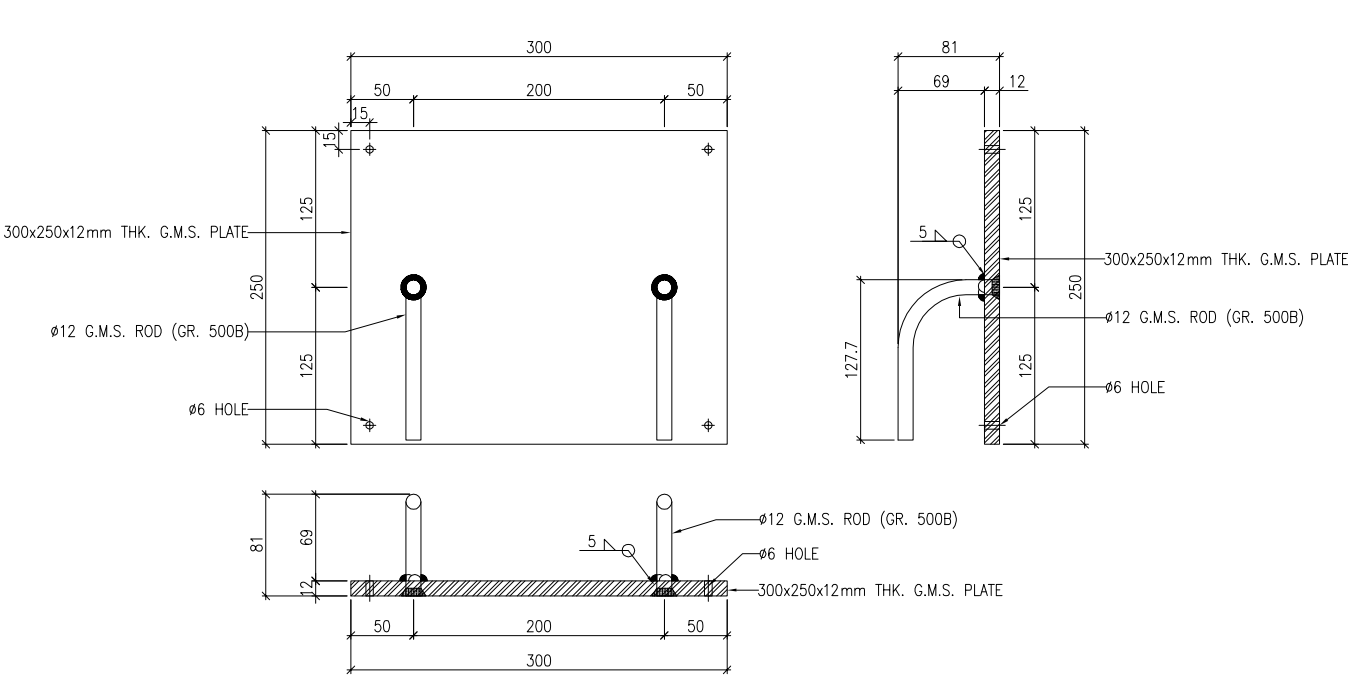
PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
DIE LIST
FOR GLASS CLADDING

DATE : 13-JUL-18	SCALE : 1:2 (A1)
DRAWN BY : ASING	CHECKED BY : -

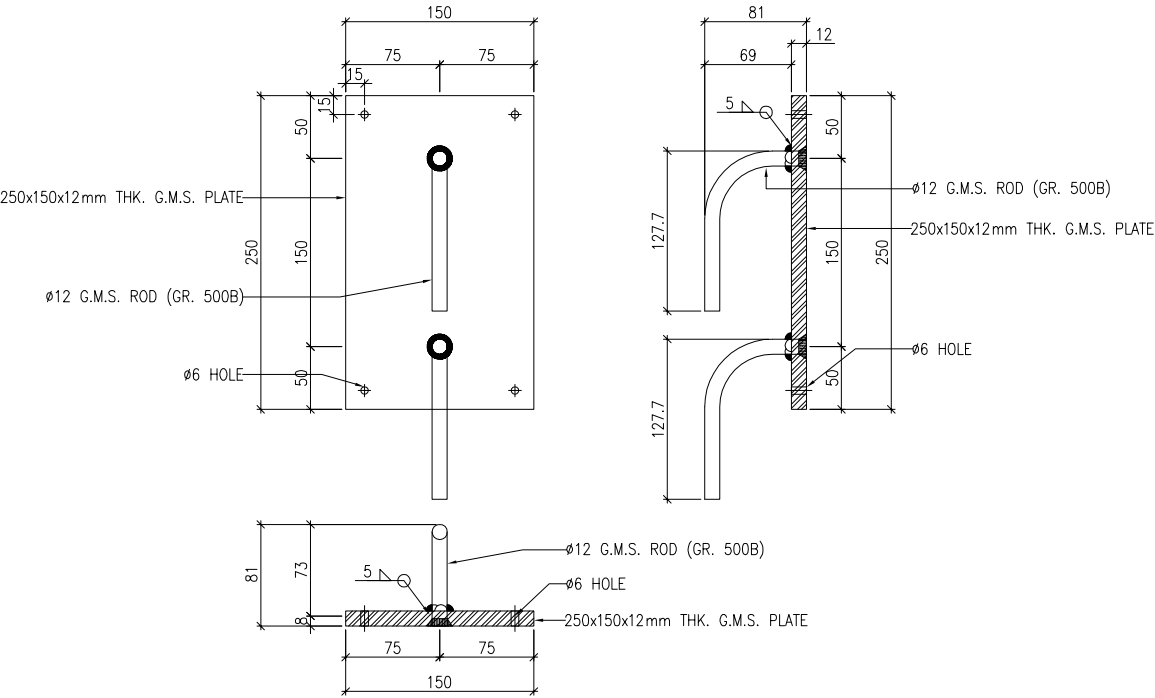
 美特鋁質有限公司
MIDI ALUMINUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J837-GC-ML02 REV. : A



EMO1

” CAST IN EMBED DETAILED DIMENSION ”
(NOT FOR APPROVAL, FOR INFORMATION ONLY)



EMO2

” CAST IN EMBED DETAILED DIMENSION ”
(NOT FOR APPROVAL, FOR INFORMATION ONLY)

B.D. REF :

CLIENT :
 信和置業有限公司
Sino Land Company Limited

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS


MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

FACADE CONSULTANT:
AECOM

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
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JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

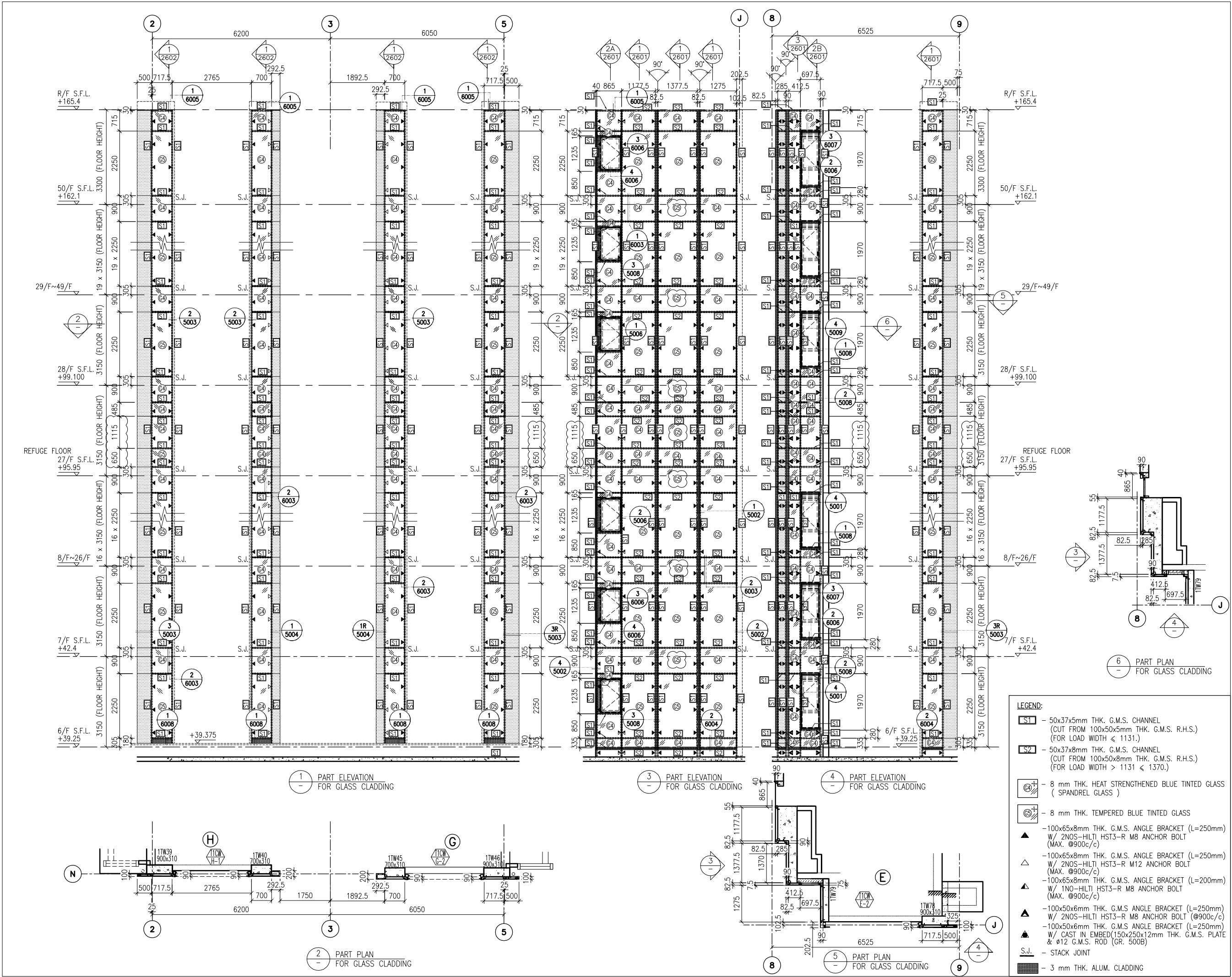
TITLE :
EMBED LIST
FOR GLASS CLADDING

DATE : 13-JUL-18 SCALE : 1:3 (A1)

DRAWN BY : ASING 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)2727666

DWG NO. : J837-GC-ML03 REV. : -



B.D. REF :

CLIENT :
 信和置業有限公司
Sino Land Company Limited

ARCHITECT :
 WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AECOM

FACADE CONSULTANT:
 AECOM

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

C	30/1/2019	GENERAL	REVISED	
B	17/11/2018	GENERAL	REVISED	
A	15/10/2018	GENERAL	REVISED	
NO.	DATE		REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
PART ELEVATION
OF GLASS CLADDING
AT TOWER 1

DATE : 04-JUL-18	SCALE : 1:60 (A1)
DRAWN BY : ASING	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

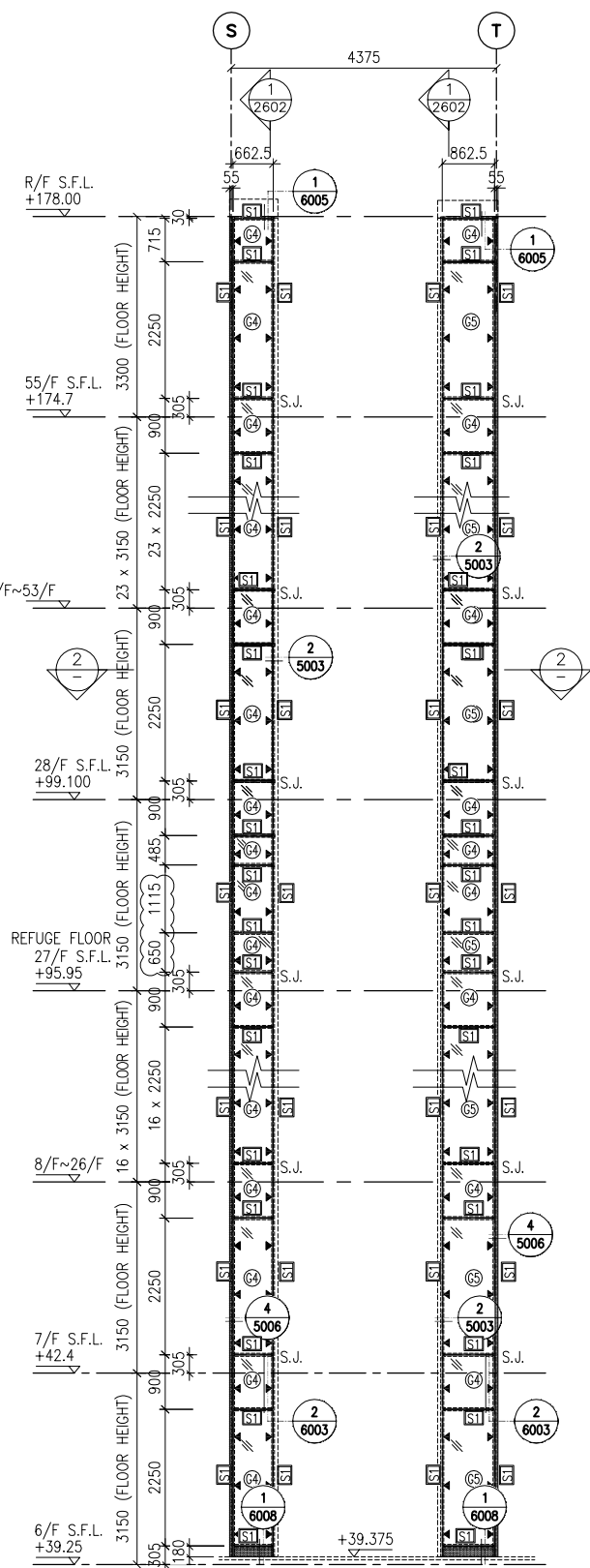
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REV. : C

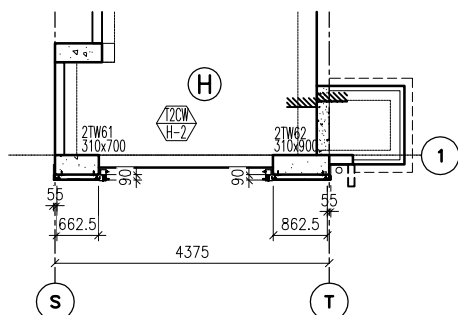


DWG NO. : J837-GC-2102	REV. : C
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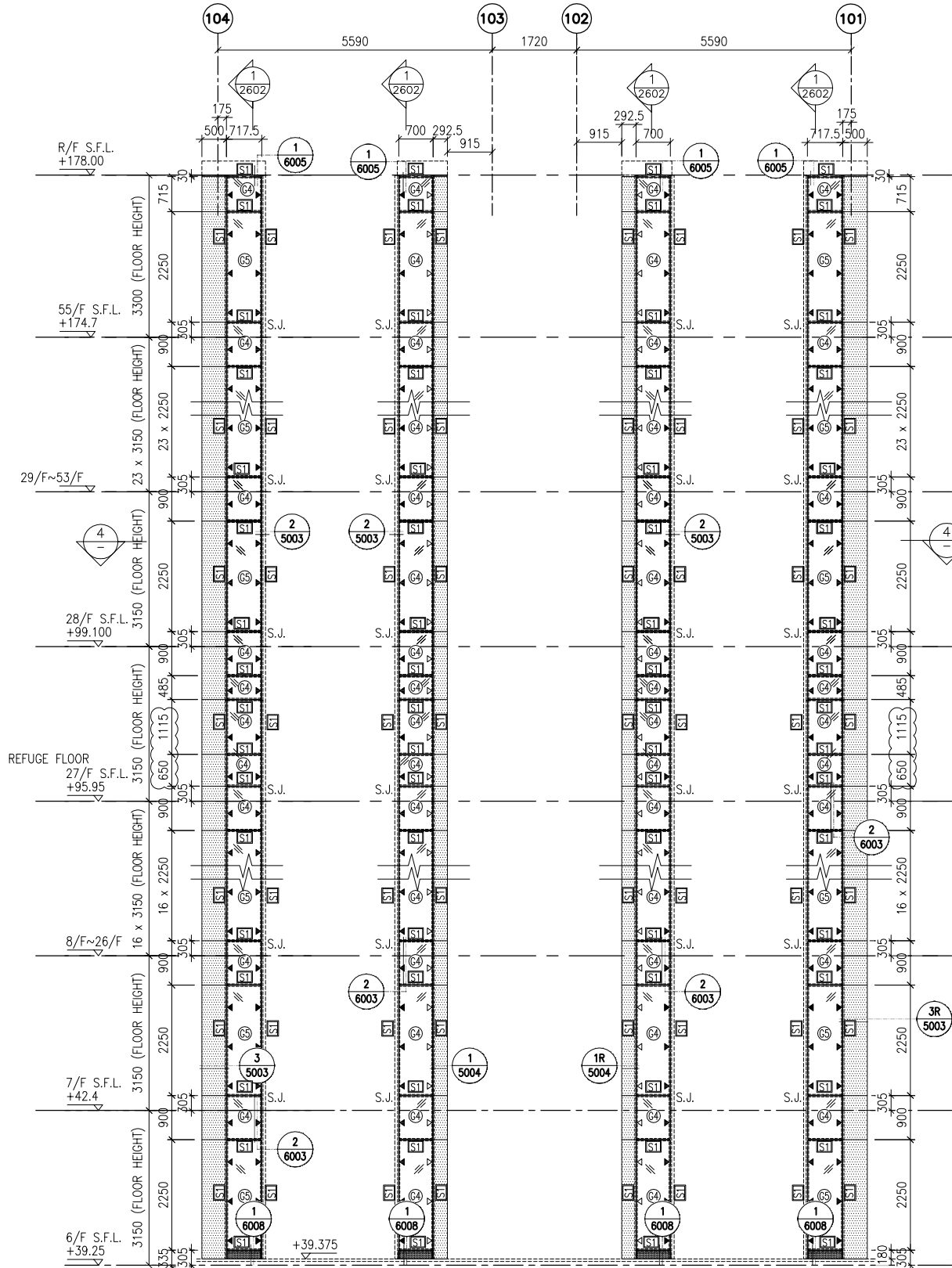
	- 50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
	- 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
	- 8 mm THK. TEMPERED BLUE TINTED GLASS
	-100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
	-100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M12 ANCHOR BOLT (MAX. @900c/c)
<u>S.J.</u>	- STACK JOINT
	- 3 mm THK. ALUM. CLADDING



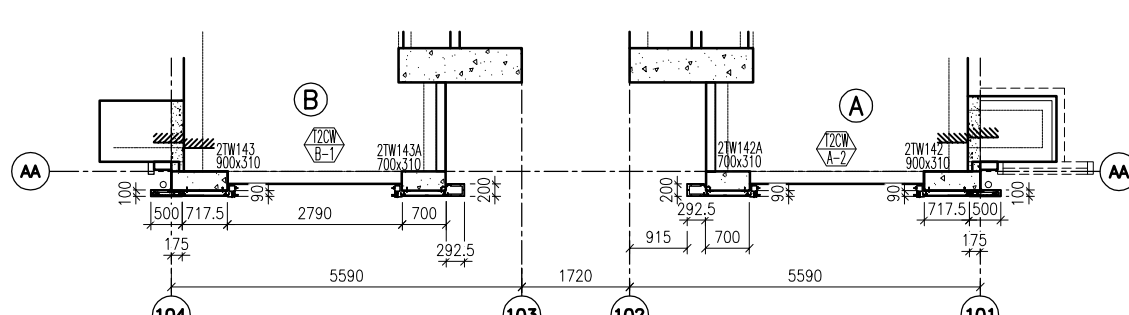
1 PART ELEVATION
FOR GLASS CLADDING



2 PART PLAN
FOR GLASS CLADDING



3 PART ELEVATION
FOR GLASS CLADDING



4 PART PLAN
FOR GLASS CLADDING

LEGEND:	
	50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
	8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
	8 mm THK. TEMPERED BLUE TINTED GLASS
	100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
	100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M12 ANCHOR BOLT (MAX. @900c/c)
	100x65x8mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
	STACK JOINT
	3 mm THK. ALUM. CLADDING

B.D. REF :

CLIENT :
信和置業有限公司
Sino Land Company Limited

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

FACADE CONSULTANT:
AECOM

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

C	30/1/2019	GENERAL REVISED	
B	17/11/2018	GENERAL REVISED	
A	15/10/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

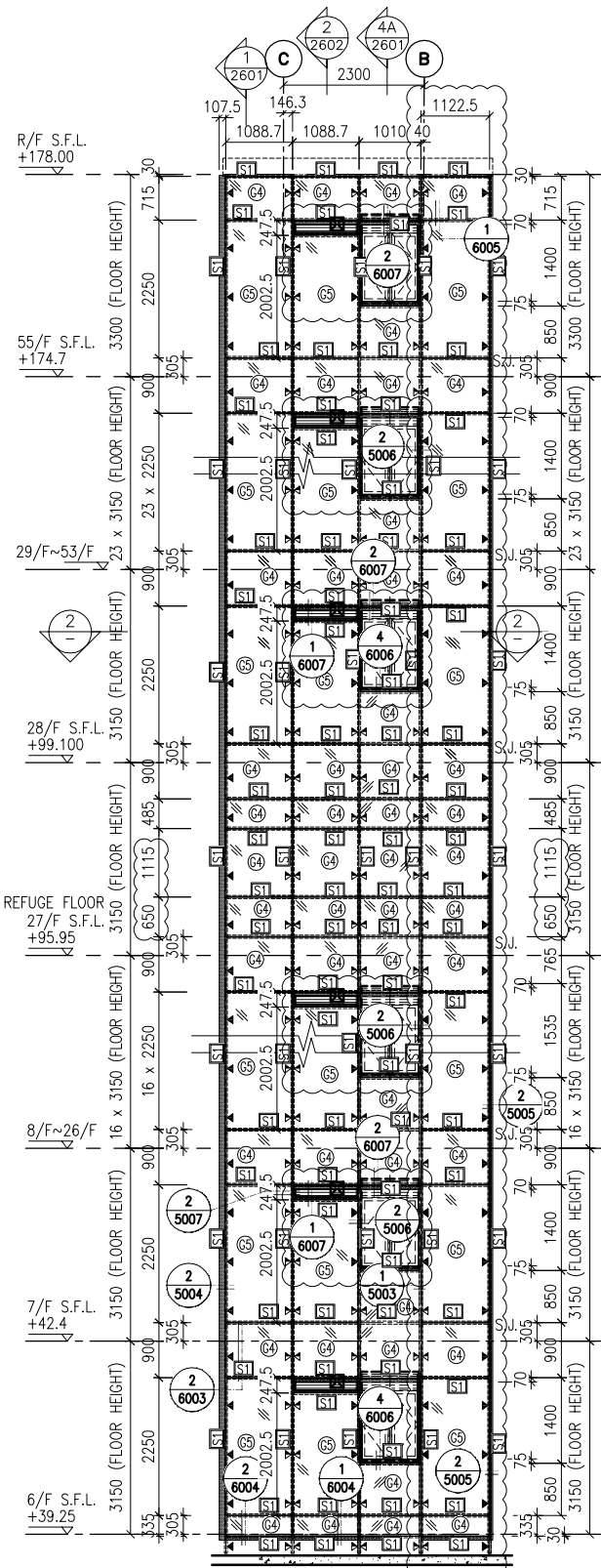
TITLE :
PART ELEVATION
OF GLASS CLADDING
AT TOWER 2

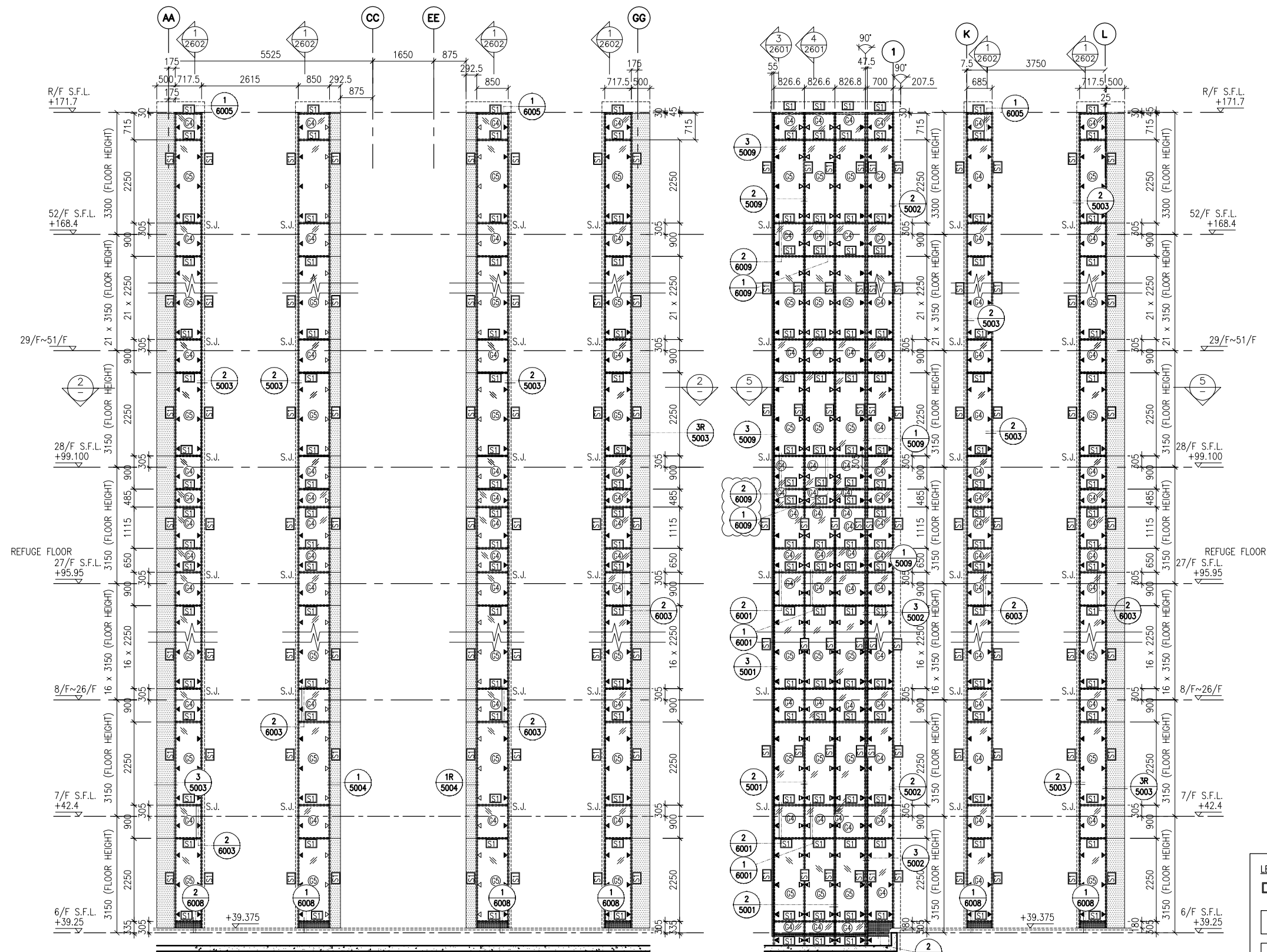
DATE : 04-JUL-18 SCALE : 1:60 (A1)

DRAWN BY : ASING 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)2727666

DWG NO. : J837-GC-2201 REV. : C





LEGEND:			
	- 50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)		
	- 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)		
	- 8 mm THK. TEMPERED BLUE TINTED GLASS		
	- 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)		
	- 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M12 ANCHOR BOLT (MAX. @900c/c)		
	- 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)		
	- 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (@900c/c)		
	- 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-HILTI HST3-R M8 ANCHOR BOLT (@900c/c)		
	- 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ CAST IN EMBED(250x150x12mm THK. G.M.S. PLATE & #12 G.M.S. ROD (GR. 500B)		
	- 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ CAST IN EMBED(300x250x12mm THK. G.M.S. PLATE & #12 G.M.S. ROD (GR. 500B)		
	- STACK JOINT		
	- 3 mm THK. ALUM. CLADDING		

B.D. REF :

CLIENT :
 信和置業有限公司
Sino Land Company Limited

ARCHITECT :
 WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AECOM

FACADE CONSULTANT:
 AECOM

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

C	30/1/2019	GENERAL REVISED	
B	17/11/2018	GENERAL REVISED	
A	15/10/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
PART ELEVATION
OF GLASS CLADDING
AT TOWER 3

DATE : 04-JUL-18 SCALE : 1:60 (A1)

DRAWN BY : ASING 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. : J837-GC-2301 REV. : C

LEGEND:

50x37x5mm THK. G.M.S. CHANNEL
(CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)

8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS
(SPANDREL GLASS)

8 mm THK. TEMPERED BLUE TINTED GLASS

100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm)
W/ 2NOS-HLTJ HST3-R M8 ANCHOR BOLT
(MAX. @900c/c)

100x65x8mm THK. G.M.S. ANGLE BRACKET (L=200mm)
W/ 1NO-HLTJ HST3-R M8 ANCHOR BOLT
(MAX. @900c/c)

STACK JOINT

3 mm THK. ALUM. CLADDING

The figure contains several architectural drawings for the glass cladding of Tower 5:

- Plan View (Top):** Shows the layout of the tower with grid lines 1-9 and A-Q. It includes floor heights (e.g., 3150, 3450, 3500) and structural floor levels (S.F.L.).
- Elevation View (Middle):** Shows the side profile of the tower with grid lines 1-9 and A-Q. It includes floor heights and structural floor levels.
- Section View (Bottom):** Shows a cross-section of the tower with grid lines 1-9 and A-Q. It includes floor heights and structural floor levels.
- Detail View (Right):** Shows a detailed view of the glass cladding system, including the frame, glass, and anchor bolts.

B.D. REF :

CLIENT :
信和置業有限公司
Sino Land Company Limited

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

FACADE CONSULTANT:
AECOM

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

C	30/1/2019	GENERAL REVISED	
B	17/11/2018	GENERAL REVISED	
A	15/10/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
PART ELEVATION
OF GLASS CLADDING
AT TOWER 5

DATE : 04-JUL-18
SCALE : 1:60 (A1)

DRAWN BY : ASING
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)2727666

DWG NO. : J837-GC-2501
REV. : C

B.D. REF :

CLIENT :



ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE CONSULTANT:



NOTE :

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

LEGEND :

- 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

C	30/1/2019	GENERAL REVISED	
B	17/11/2018	GENERAL REVISED	
A	15/10/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
PART ELEVATION
OF GLASS CLADDING
AT TOWER 5

DATE : 04-JUL-18

SCALE : 1:60 (A1)

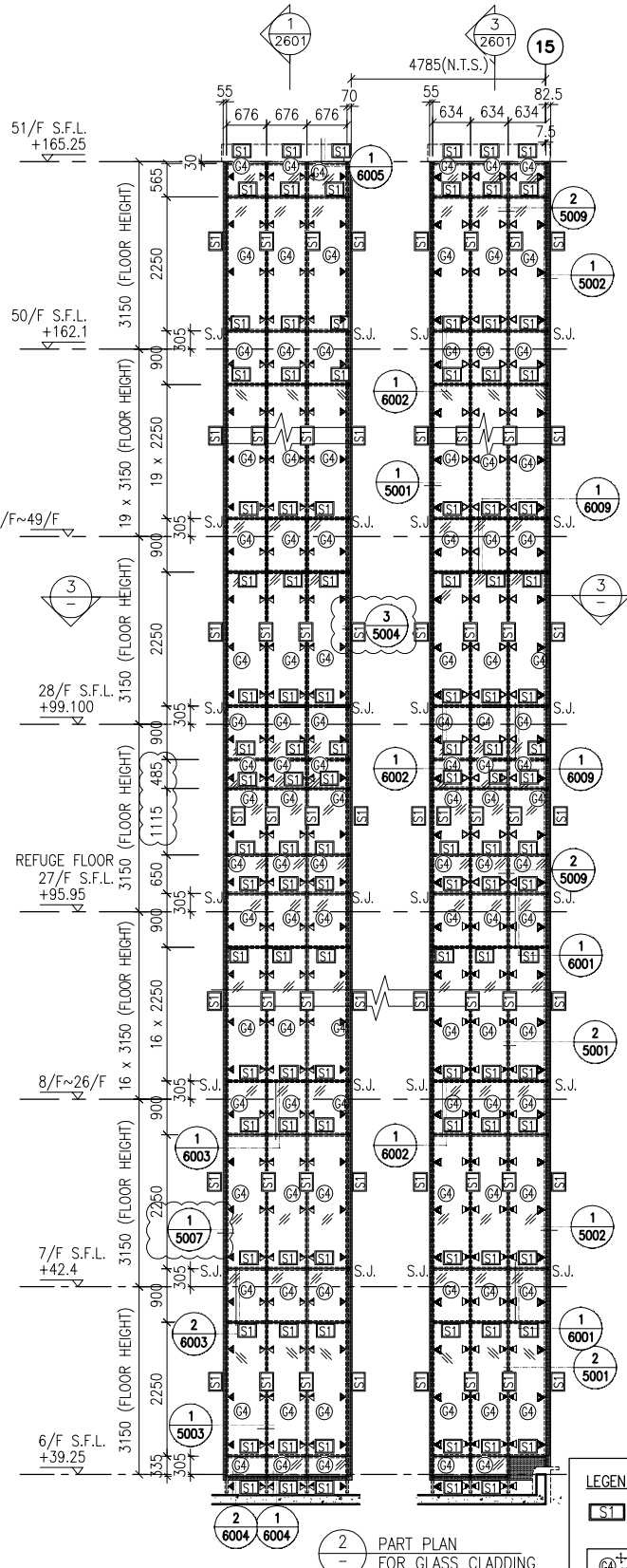
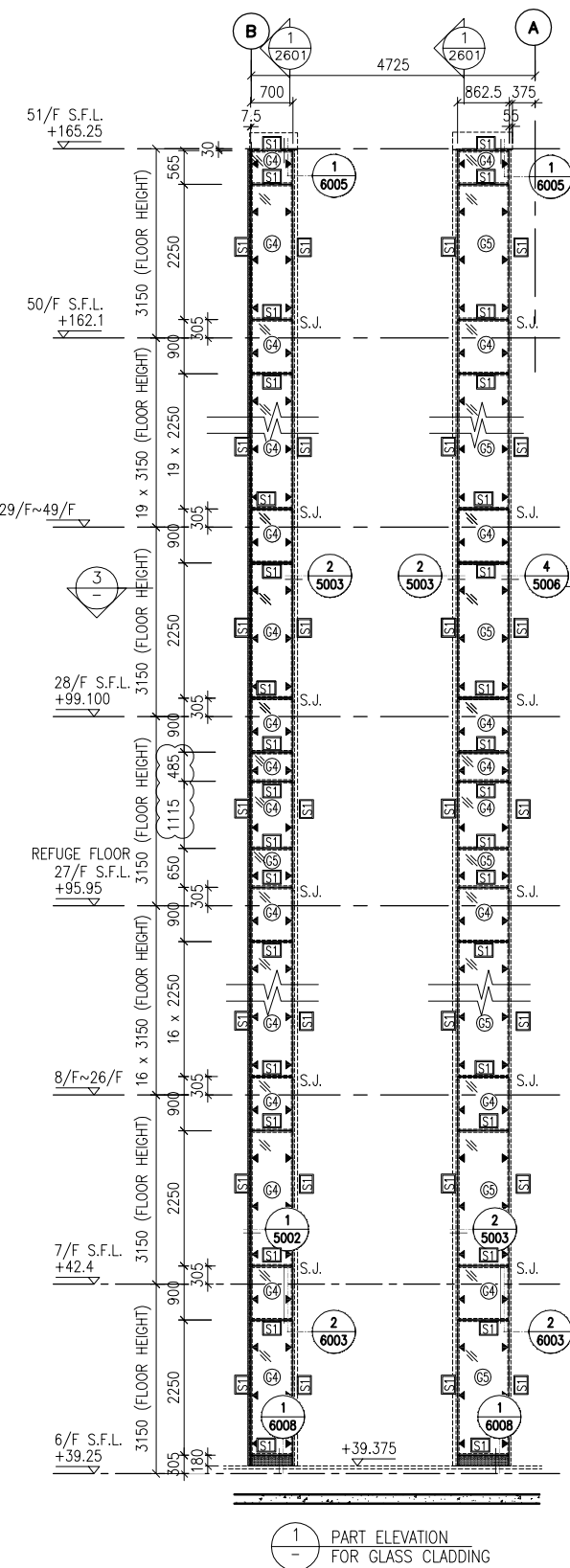
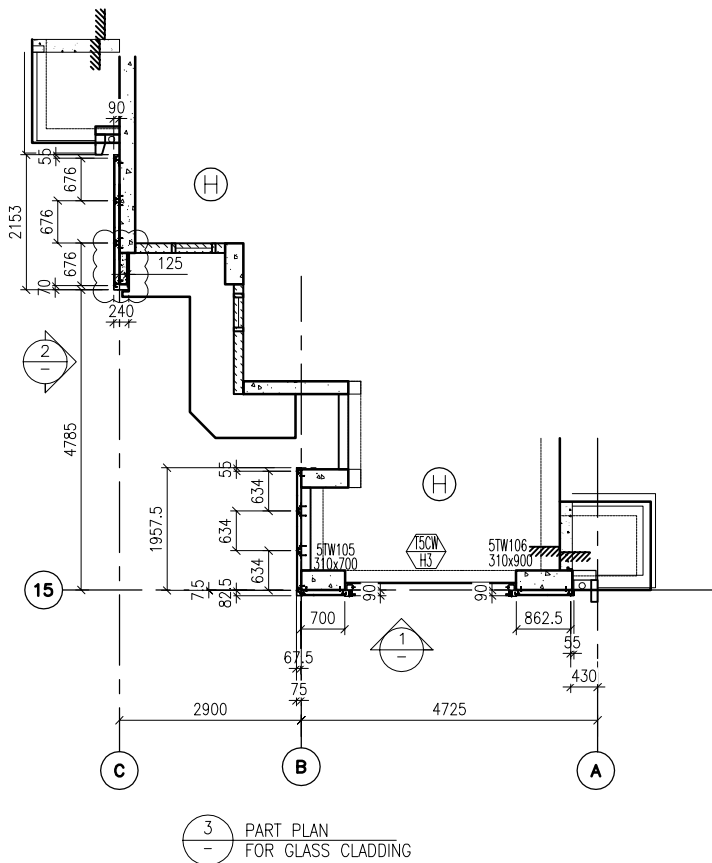
DRAWN BY : ASING

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)2727666

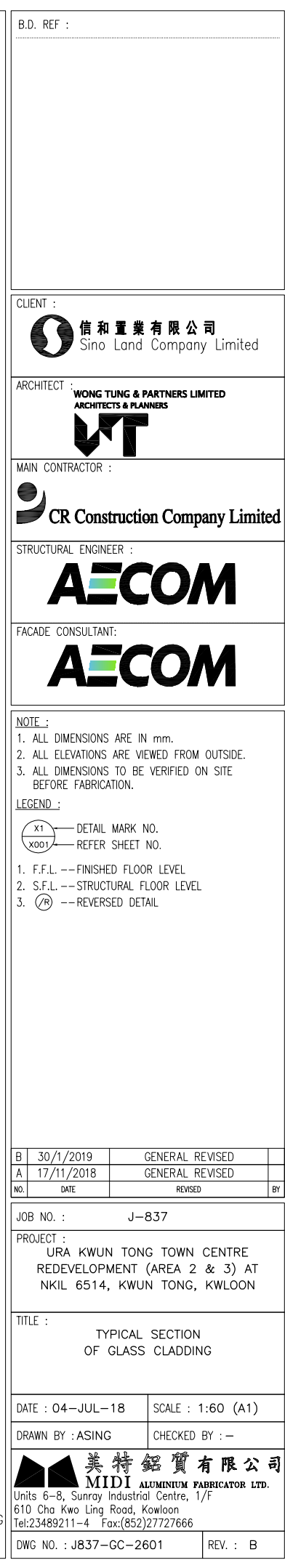
DWG NO. : J837-GC-2502

REV. : C



LEGEND:

- S1 - 50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
- C4+ - 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
- C5+ - 8 mm THK. TEMPERED BLUE TINTED GLASS
- ▲ - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
- ▲ - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
- ▲ - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (@900c/c)
- ▲ - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-HILTI HST3-R M8 ANCHOR BOLT (@900c/c)
- ▲ - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ CAST IN EMBED(300x250x12mm THK. G.M.S. PLATE & Ø12 G.M.S. ROD (GR. 500B)
- S.J. - STACK JOINT
- 3 mm THK. ALUM. CLADDING



CLIENT :  信和置業有限公司
Sino Land Company Limited

ARCHITECT : **WONG TUNG & PARTNERS LIMITED**
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :  **CR Construction Company Limited**

STRUCTURAL ENGINEER :

AECOM

FAÇADE CONSULTANT:

AECOM

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
xx001

DETAIL MARK NO.

REFER SHEET NO.

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

B	30/1/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. :	J-837
PROJECT :	URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

TITLE :	TYPICAL SECTION OF GLASS CLADDING
---------	--------------------------------------

DATE : 04-JUL-18	SCALE : 1:60 (A1)
DRAWN BY : ASING	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. : J837-GC-2601	REV. : B
------------------------	----------



2
— TYPICAL SECTION
FOR GLASS CLADDING

CLIENT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



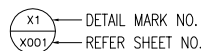
FACADE CONSULTANT:



NOTE :

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

LEGEND :



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

NO.	DATE	REVISED	B ^Y
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JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE : TYPICAL SECTION
OF GLASS CLADDING

DATE : 04-JUL-18

SCALE : 1:60 (A1)

DRAWN BY : ASING

CHECKED BY : —



DWG NO. : J837-GC-2602

REV. : —



ACOUSTIC FIN
FULL HEIGHT
GLASS WALL

COMMON
FLAT ROOF

—ACOUSTIC FINISH
—FULL HEIGHT
GLASS WALL

FLOOR LEVEL (S.F.L.)(T1)

<u>FLOOR NUMBERING</u>	<u>LEVEL</u> (mPD)
6/F	+38.900

B.D. REF :

CLIENT :



信和置業有限公司
Sino Land Company Limited

ARCHITECT : **WONG TUNG & PARTNERS LIMITED**
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :



CR Construction Company Limited

STRUCTURAL ENGINEER :



FACADE CONSULTANT:



NOTE :

1. ALL DIMENSIONS ARE IN mm.
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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

B	1/3/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE : 6TH FLOOR PLAN
OF GLASS CLADDING
AT TOWER 1

DATE : 04-JUL-18

SCALE : 1:100 (A1)

DRAWN BY : ASING

CHECKED BY : —

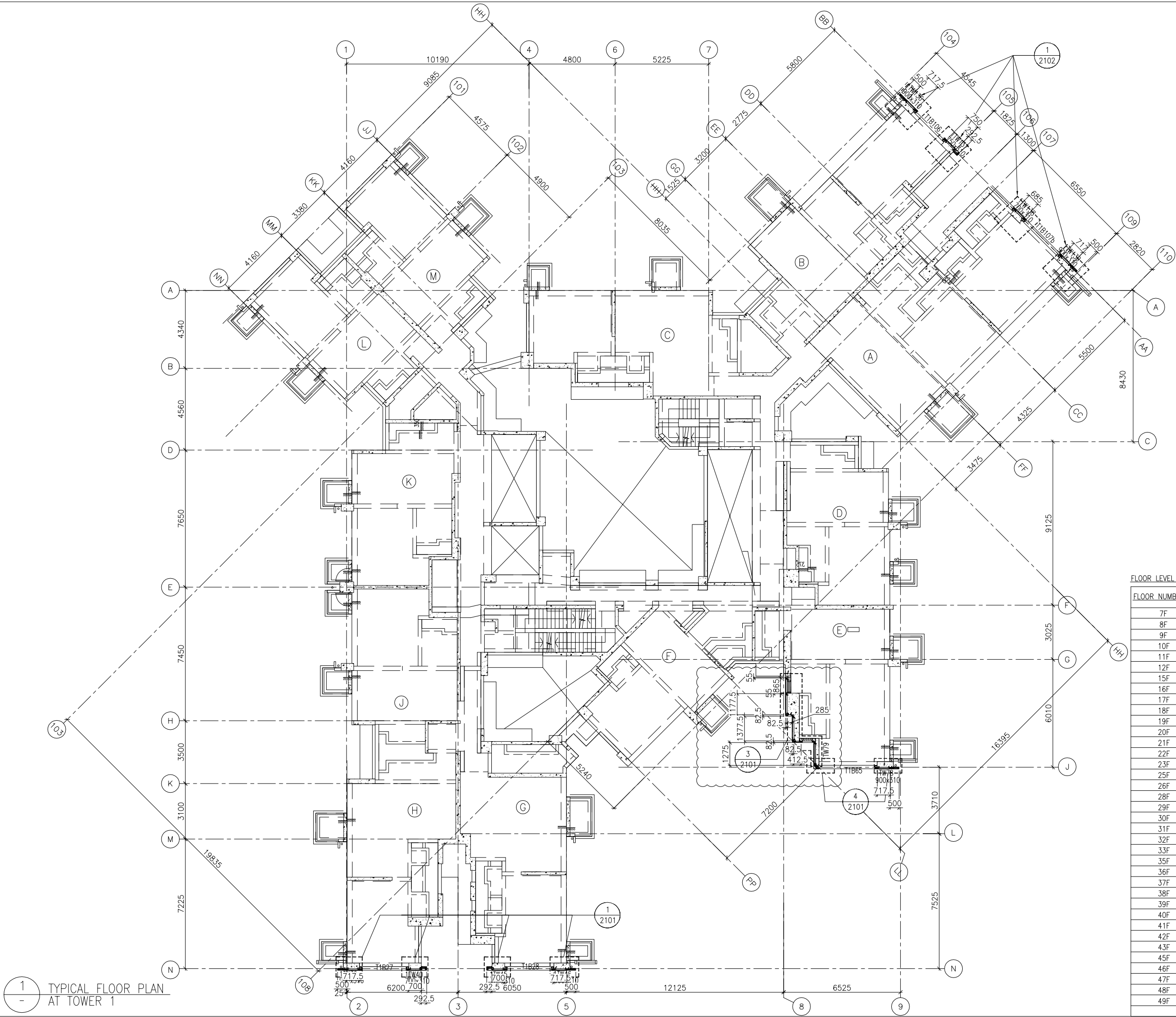


美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.

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

DWG NO. : J837-GC-3101

REV. : B



1
-
TYPICAL FLOOR PLAN
AT TOWER 1

FLOOR LEVEL (S.F.L.)(T1)

FLOOR NUMBERING	LEVEL (mPD)
7F	42.400
8F	45.550
9F	48.700
10F	51.850
11F	55.000
12F	58.150
15F	61.300
16F	64.450
17F	67.600
18F	70.750
19F	73.900
20F	77.050
21F	80.200
22F	83.350
23F	86.500
25F	89.650
26F	92.800
28F	99.250
29F	102.250
30F	105.400
31F	108.550
32F	111.700
33F	114.850
35F	118.000
36F	121.150
37F	124.300
38F	127.450
39F	130.600
40F	133.750
41F	136.900
42F	140.050
43F	143.100
45F	146.350
46F	149.500
47F	152.650
48F	155.800
49F	158.950

B.D. REF :

CLIENT :



ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE CONSULTANT:



NOTE :

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LEGEND :

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

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

B	1/3/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
TYPICAL FLOOR PLAN
OF GLASS CLADDING
AT TOWER 1

DATE : 04-JUL-18 SCALE : 1:100 (A1)

DRAWN BY : ASING CHECKED BY : -



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

DWG NO. : J837-GC-3102 REV. : B



<u>FLOOR NUMBERING</u>	<u>LEVEL</u> (mPD)
50F	+162.100

DWG NO. : J837-GC-3103	REV. : B
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<u>FLOOR NUMBERING</u>	<u>LEVEL</u> (mPD)
RF	+165.400

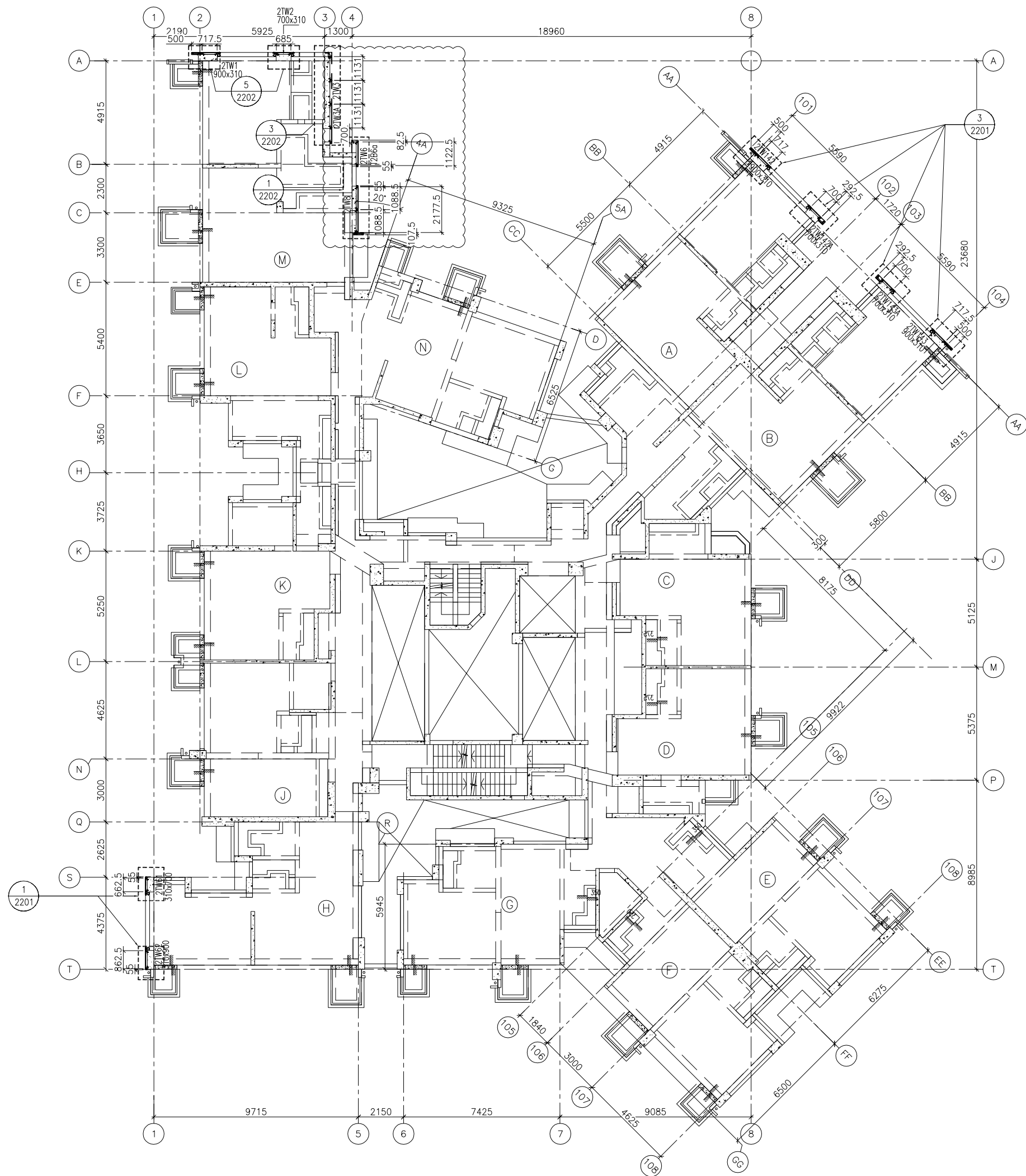
1. F.F.L. -- FINISHED FLOOR LEVEL
2. S.F.L. -- STRUCTURAL FLOOR LEVEL
3. (R) -- REVERSED DETAIL

DWG NO. : J837-GC-3104 REV. : B



<u>FLOOR NUMBERING</u>	<u>LEVEL</u> (mPD)
6/F	+38.900

DWG NO. : J837-GC-3201	REV. : B
------------------------	----------



1
-
TYPICAL FLOOR PLAN
AT TOWER 2

FLOOR LEVEL (S.F.L.)(T2)

FLOOR NUMBERING	LEVEL (mPD)
7F	42.400
8F	45.550
9F	48.700
10F	51.850
11F	55.000
12F	58.150
15F	61.300
16F	64.450
17F	67.600
18F	70.750
19F	73.900
20F	77.050
21F	80.200
22F	83.350
23F	86.500
25F	89.650
26F	92.800
28F	99.250
29F	102.250
30F	105.400
31F	108.550
32F	111.700
33F	114.850
35F	118.000
36F	121.150
37F	124.300
38F	127.450
39F	130.600
40F	133.750
41F	136.900
42F	140.050
43F	143.100
45F	146.350
46F	149.500
47F	152.650
48F	155.800
49F	158.950
50F	162.100
51F	165.250
52F	168.400
53F	171.550

B.D. REF :

CLIENT :



ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE CONSULTANT:



NOTE :

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3. (R) --- REVERSED DETAIL

B	1/3/2019	GENERAL	REVISED	
A	17/11/2018	GENERAL	REVISED	
NO.	DATE	REVISED	BY	

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
TYPICAL FLOOR PLAN
OF GLASS CLADDING
AT TOWER 2

DATE : 04-JUL-18 SCALE : 1:100 (A1)

DRAWN BY : ASING CHECKED BY : -

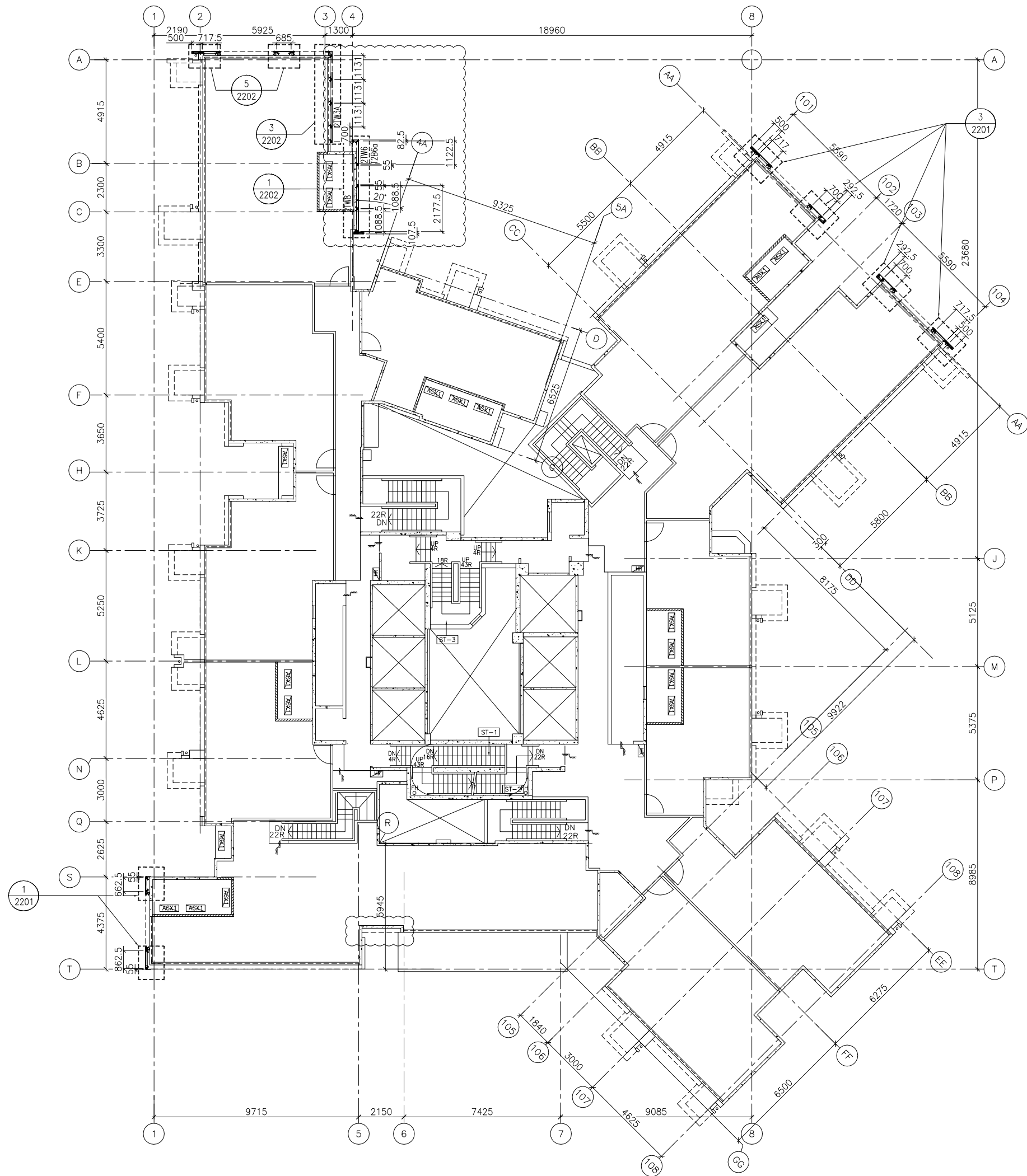


DWG NO. : J837-GC-3202 REV. : B



<u>FLOOR NUMBERING</u>	<u>LEVEL</u> (mPD)
55F	+174.700

DWG NO. : J837-GC-3203	REV. : B
------------------------	----------



1 ROOF FLOOR PLAN
- AT TOWER 2

FLOOR LEVEL (S.F.L.)(T2)

FLOOR NUMBERING	LEVEL (mPD)
RF	+178.000

B.D. REF :

CLIENT :

 信和置業有限公司
Sino Land Company Limited

ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :

 CR Construction Company Limited

STRUCTURAL ENGINEER :



FACADE CONSULTANT:



NOTE :

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

LEGEND :

- 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

B	1/3/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
ROOF FLOOR PLAN
OF GLASS CLADDING
AT TOWER 2

DATE : 04-JUL-18 SCALE : 1:100 (A1)

DRAWN BY : ASING 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) 2727666

DWG NO. : J837-GC-3204

REV. : B



<u>FLOOR NUMBERING</u>	<u>LEVEL</u> (mPD)
6/F	+38.900

REV. : A



NOTE :

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

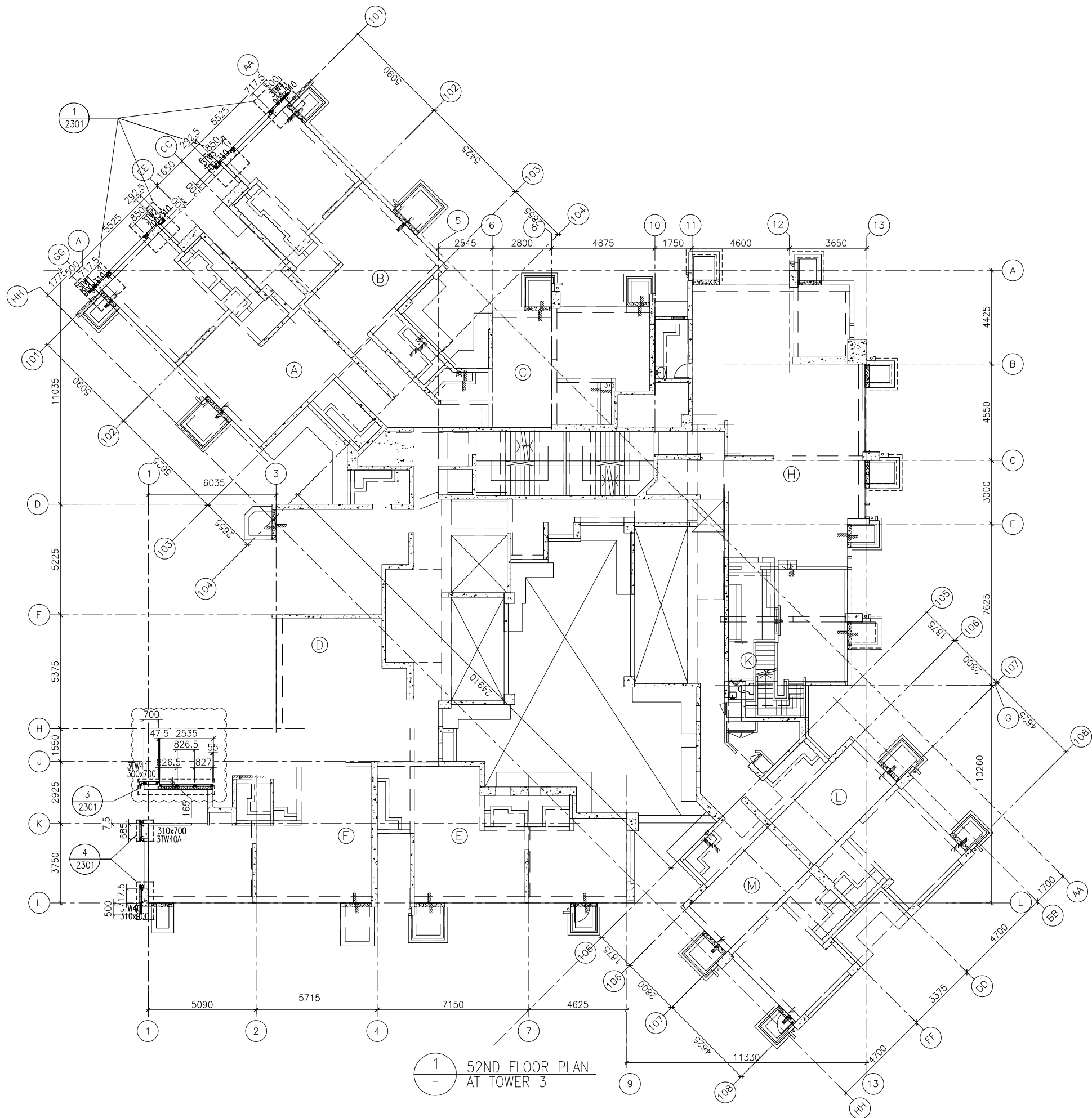
LEGEND :

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

17/11/2018		GENERAL REVISED	
NO.	DATE	REVISED	BY
JOB NO. : J-837			
PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON			
TITLE : TYPICAL FLOOR PLAN OF GLASS CLADDING AT TOWER 3			
DATE : 04-JUL-18		SCALE : 1:100 (A1)	
DRAWN BY : ASING		CHECKED BY : -	
 美特鋁質有限公司 MIDALUMINIUM FABRICATOR LTD. Units 6-8, Sunray Industrial Centre, 1/F 610 Cha Kwo Ling Road, Kwlooon Tel:23489211-4 Fax:(852)27727666			
DWG NO. : J837-GC-3302		REV. : A	



1
-
52ND FLOOR PLAN
AT TOWER 3

FLOOR LEVEL (S.F.L.)(T3)

FLOOR NUMBERING	LEVEL (mPD)
52F	+168.400

B.D. REF :

CLIENT :



ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE CONSULTANT:



NOTE :

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

LEGEND :

- 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

A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

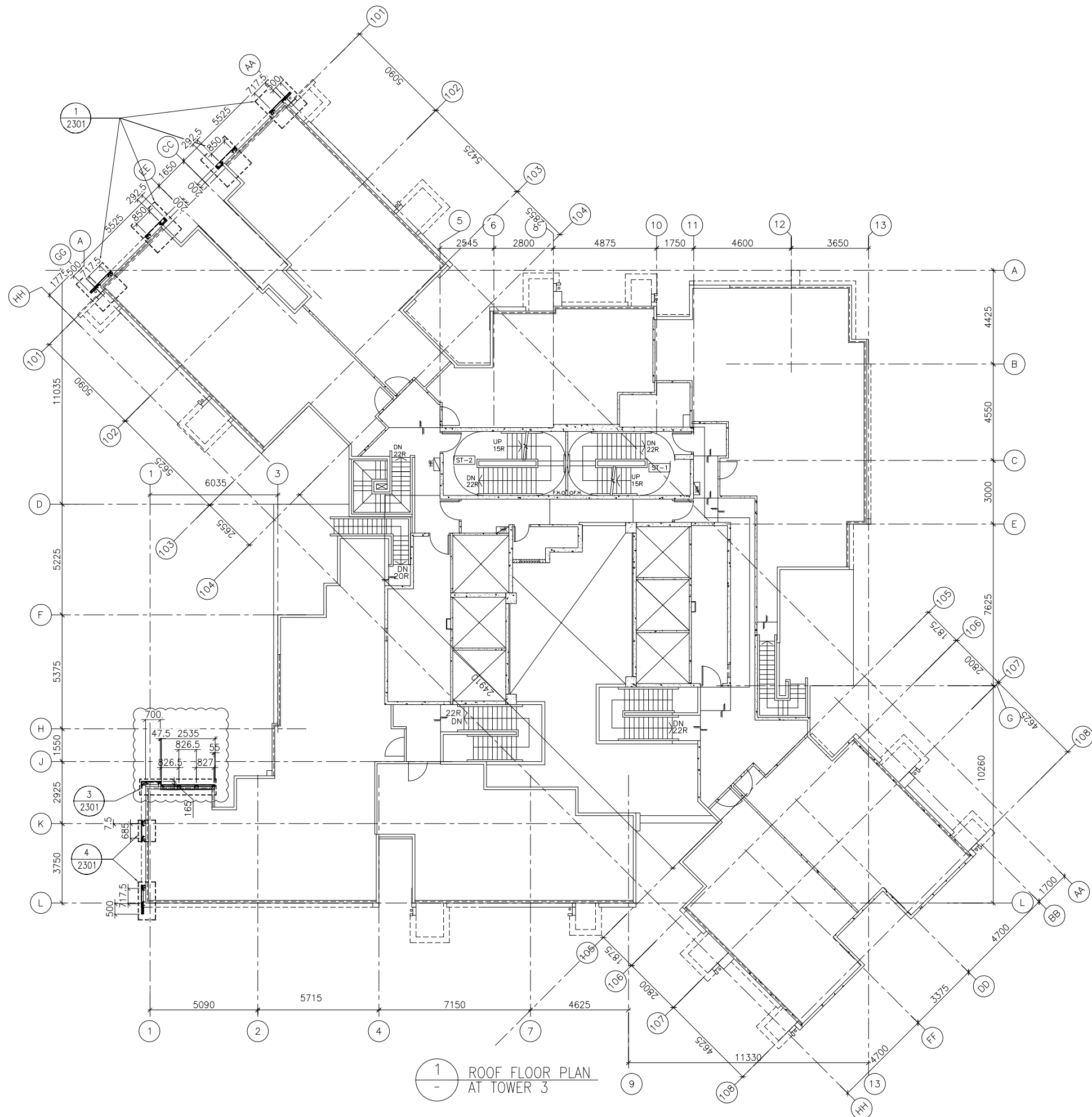
TITLE :
52ND FLOOR PLAN
OF GLASS CLADDING
AT TOWER 3

DATE : 04-JUL-18 SCALE : 1:100 (A1)

DRAWN BY : ASING CHECKED BY : -

MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J837-GC-3303 REV. : A



FLOOR LEVEL (S.F.L.)(T3)

FLOOR NUMBERING	LEVEL (mPD)
RF	+171.700

B.D. REF :

CLIENT :



ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE CONSULTANT:



NOTE :

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

LEGEND :

- 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

A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
ROOF FLOOR PLAN
OF GLASS CLADDING
AT TOWER 3

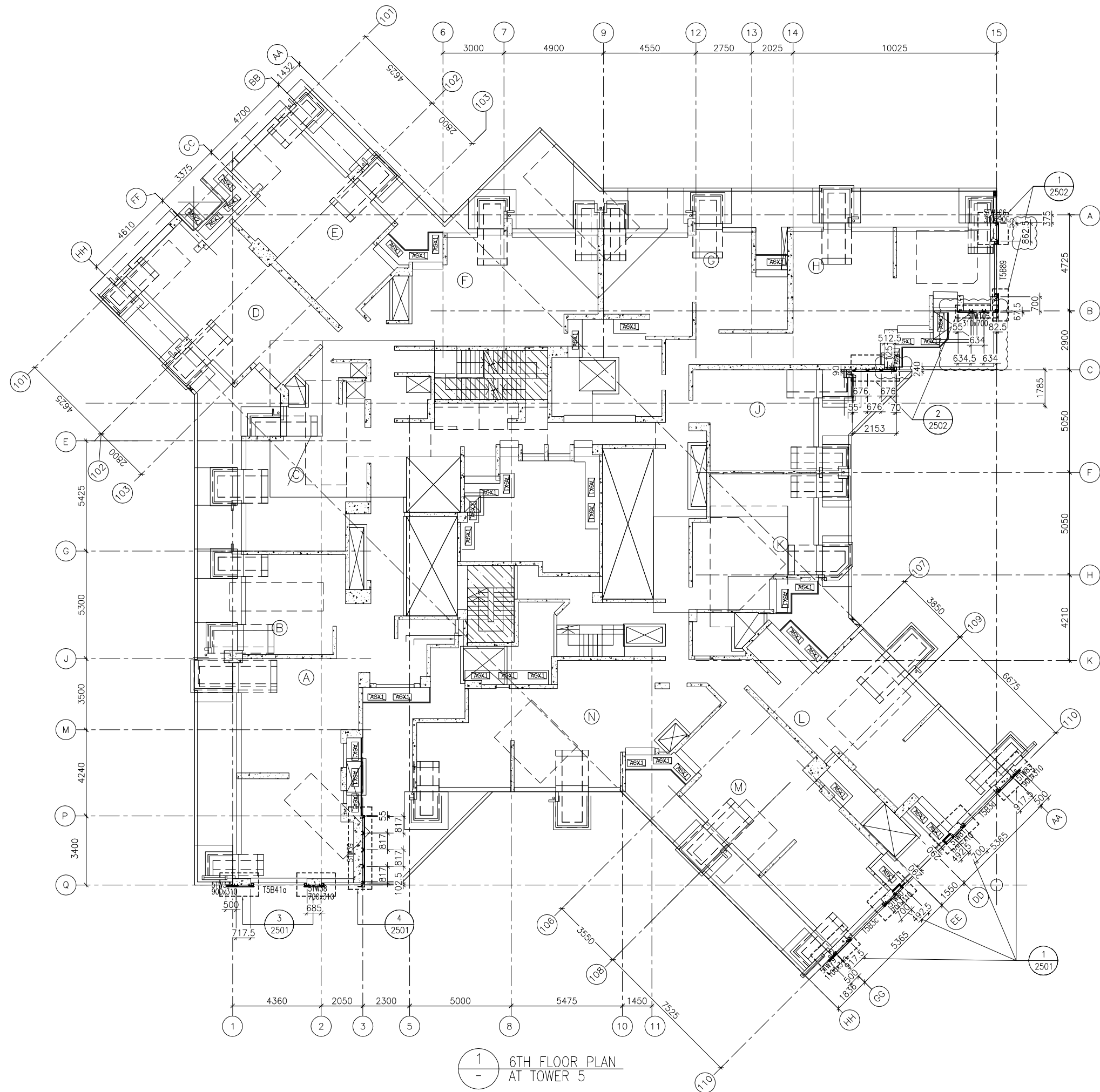
DATE : 04-JUL-18 SCALE : 1:100 (A1)

DRAWN BY : ASING CHECKED BY : -

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

DWG NO. : J837-GC-3304

REV. : A



FLOOR LEVEL (S.F.L.)(T3)

FLOOR NUMBERING	LEVEL (mPD)
6/F	+38.900

B.D. REF :

CLIENT :



ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE CONSULTANT:



NOTE :

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

LEGEND :

- 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

B	1/3/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

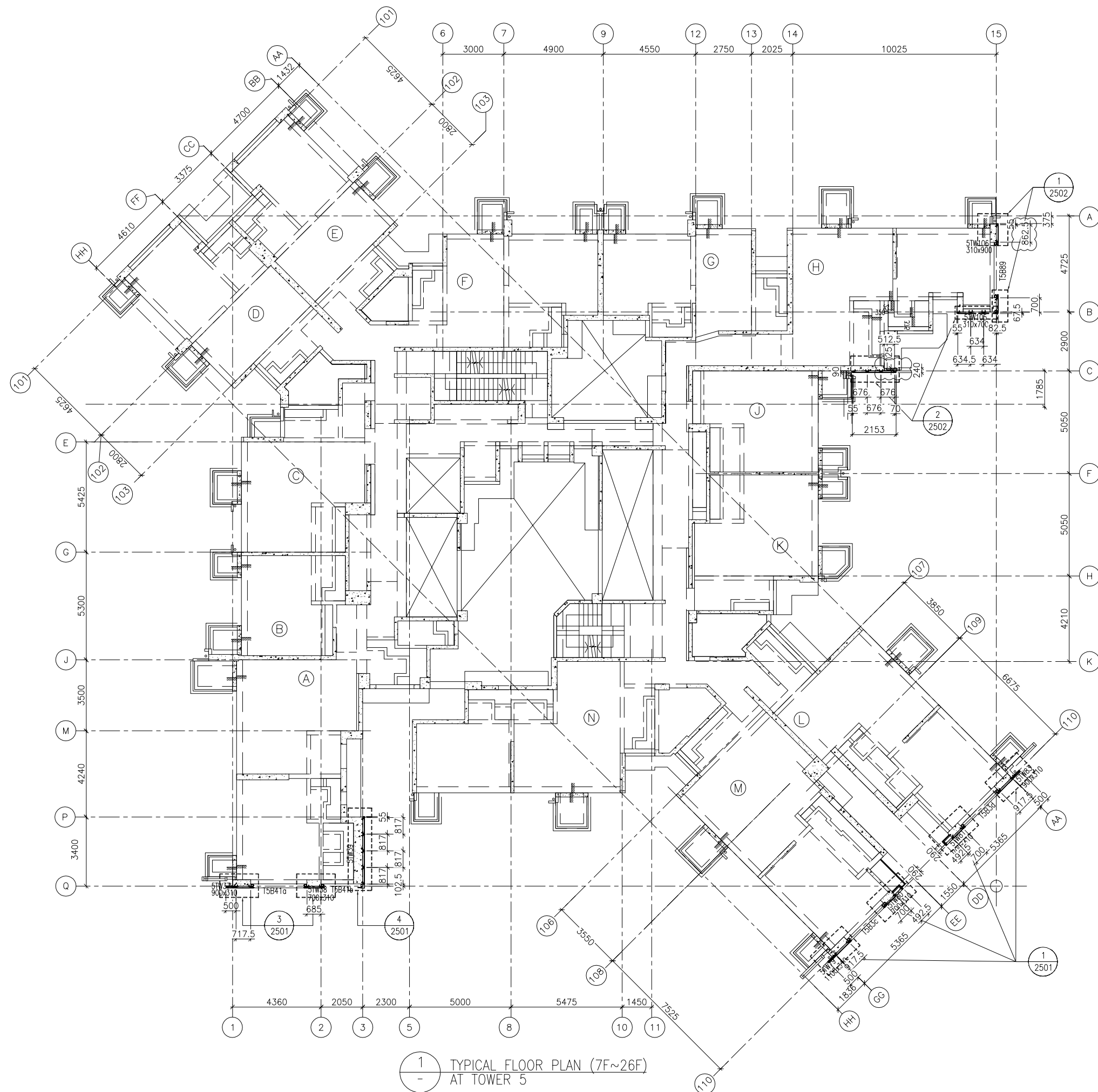
TITLE :
6TH FLOOR PLAN
OF GLASS CLADDING
AT TOWER 5

DATE : 04-JUL-18 SCALE : 1:100 (A1)

DRAWN BY : ASING CHECKED BY : -

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

DWG NO. : J837-GC-3501 REV. : B



1
-
TYPICAL FLOOR PLAN (7F~26F)
AT TOWER 5

FLOOR LEVEL (S.F.L.)(T5)	
FLOOR NUMBERING	LEVEL (mPD)
7F	42.400
8F	45.550
9F	48.700
10F	51.850
11F	55.000
12F	58.150
15F	61.300
16F	64.450
17F	67.600
18F	70.750
19F	73.900
20F	77.050
21F	80.200
22F	83.350
23F	86.500
25F	89.650
26F	92.800

B.D. REF :

CLIENT :
信和置業有限公司
Sino Land Company Limited

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS
WT

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

FACADE CONSULTANT:
AECOM

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

B	1/3/2019	GENERAL	REVISED	
A	17/11/2018	GENERAL	REVISED	
NO.	DATE	REVISED	BY	

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

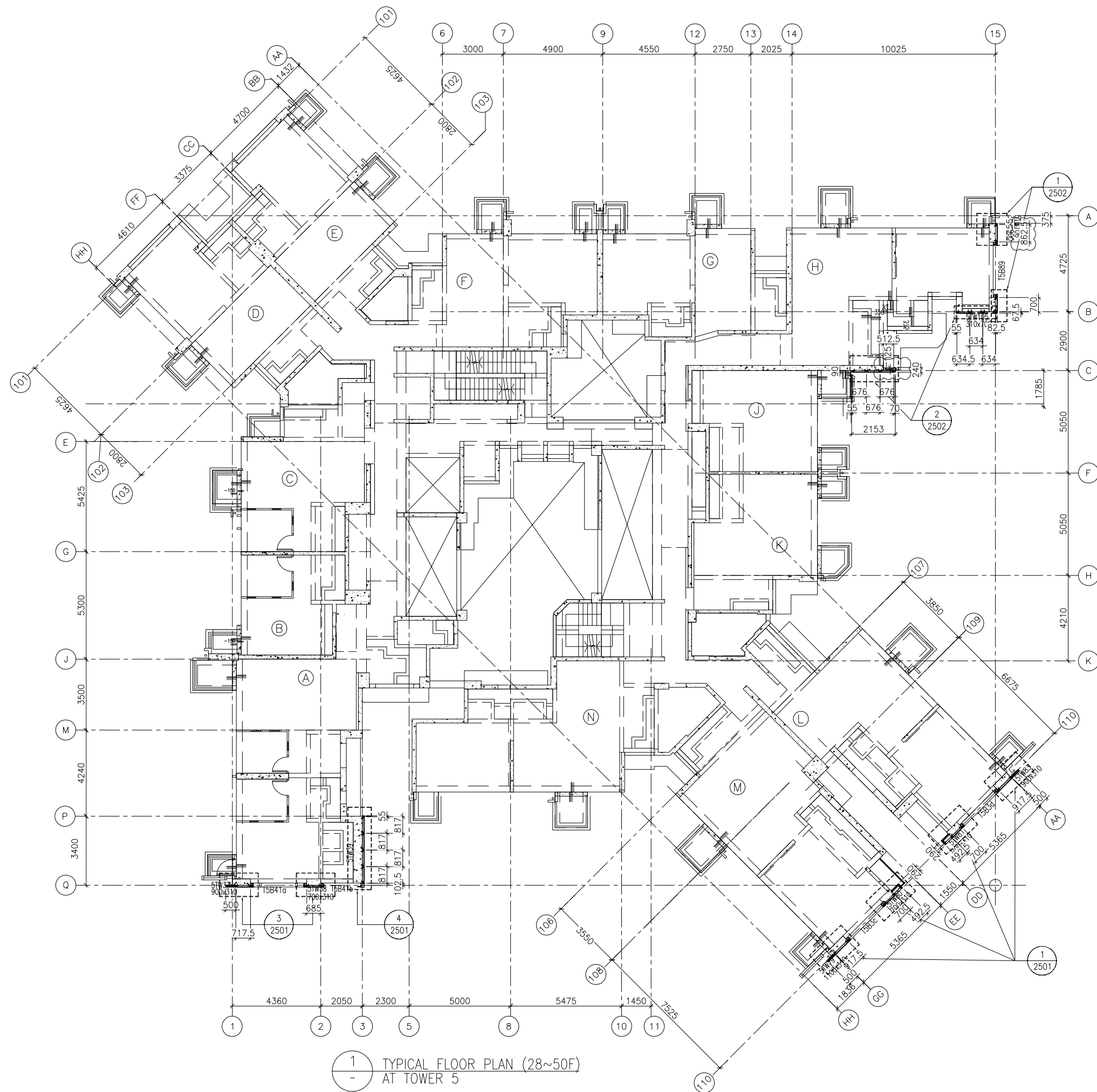
TITLE :
TYPICAL FLOOR PLAN (7F~26F)
OF GLASS CLADDING
AT TOWER 5

DATE : 04-JUL-18	SCALE : 1:100 (A1)
DRAWN BY : ASING	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. : J837-GC-3502

REV. : B



FLOOR LEVEL (S.F.L.)(T5)

FLOOR NUMBERING	LEVEL (mPD)
28F	99.250
29F	102.250
30F	105.400
31F	108.550
32F	111.700
33F	114.850
35F	118.000
36F	121.150
37F	124.300
38F	127.450
39F	130.600
40F	133.750
41F	136.900
42F	140.050
43F	143.100
45F	146.350
46F	149.500
47F	152.650
48F	155.800
49F	158.950
50F	162.100

B.D. REF :

CLIENT :



ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE CONSULTANT:



NOTE :

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

LEGEND :

- 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

B	1/3/2019	GENERAL	REVISED	
A	17/11/2018	GENERAL	REVISED	
NO.	DATE	REVISED	BY	

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
TYPICAL FLOOR PLAN (28~50F)
OF GLASS CLADDING
AT TOWER 5

DATE : 04-JUL-18 SCALE : 1:100 (A1)

DRAWN BY : ASING CHECKED BY : -

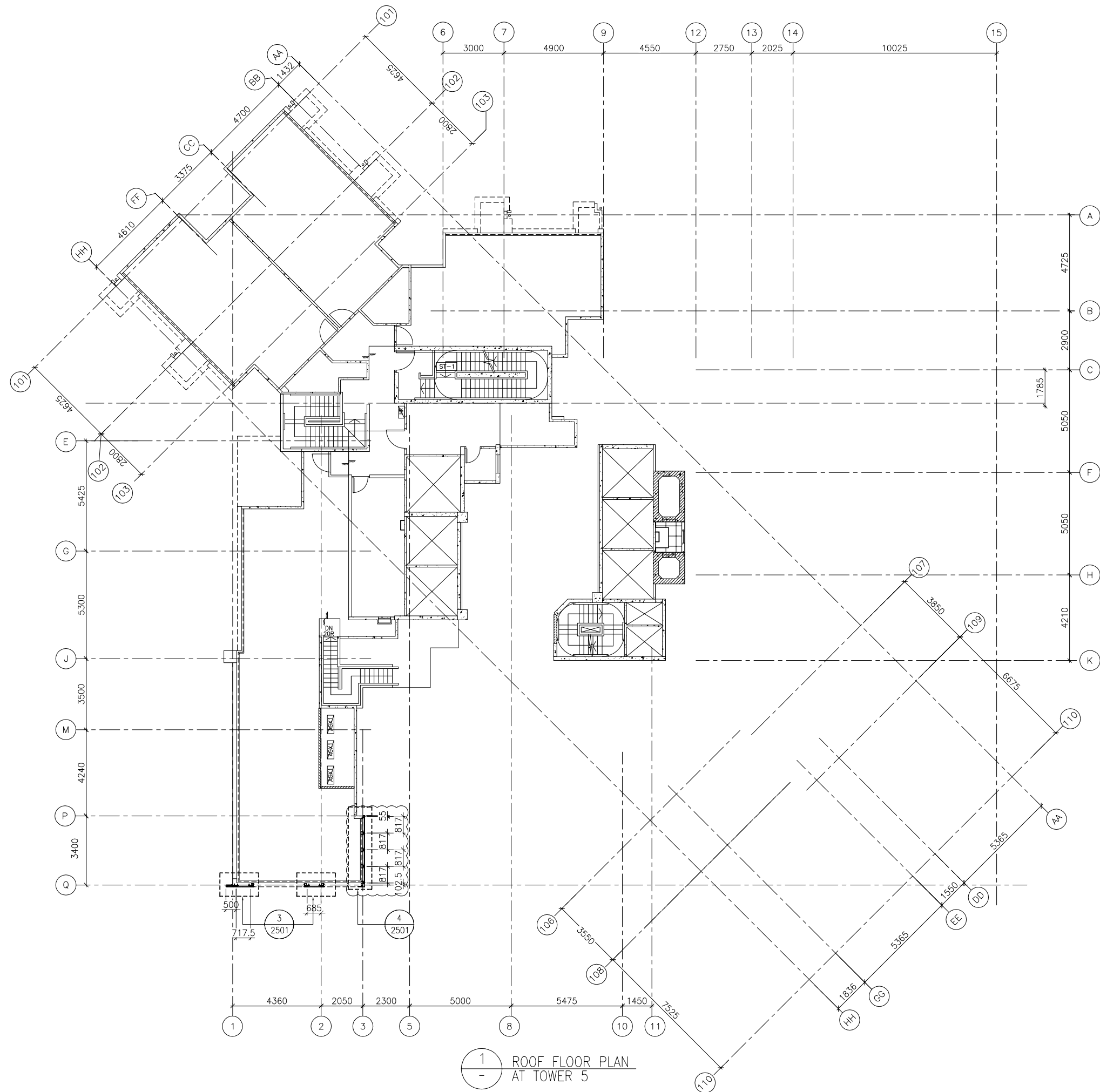


DWG NO. : J837-GC-3503 REV. : B



<u>FLOOR NUMBERING</u>	<u>LEVEL</u> (mPD)
51F	+165.250/+165.550

DWG NO. : J837-GC-3504 REV. : B



1 ROOF FLOOR PLAN
- AT TOWER 5

FLOOR LEVEL (S.F.L.)(T3)

FLOOR NUMBERING	LEVEL (mPD)
RF	+168.850

B.D. REF :

CLIENT :



ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE CONSULTANT:



NOTE :

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

LEGEND :

- 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

A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
ROOF FLOOR PLAN
OF GLASS CLADDING
AT TOWER 5

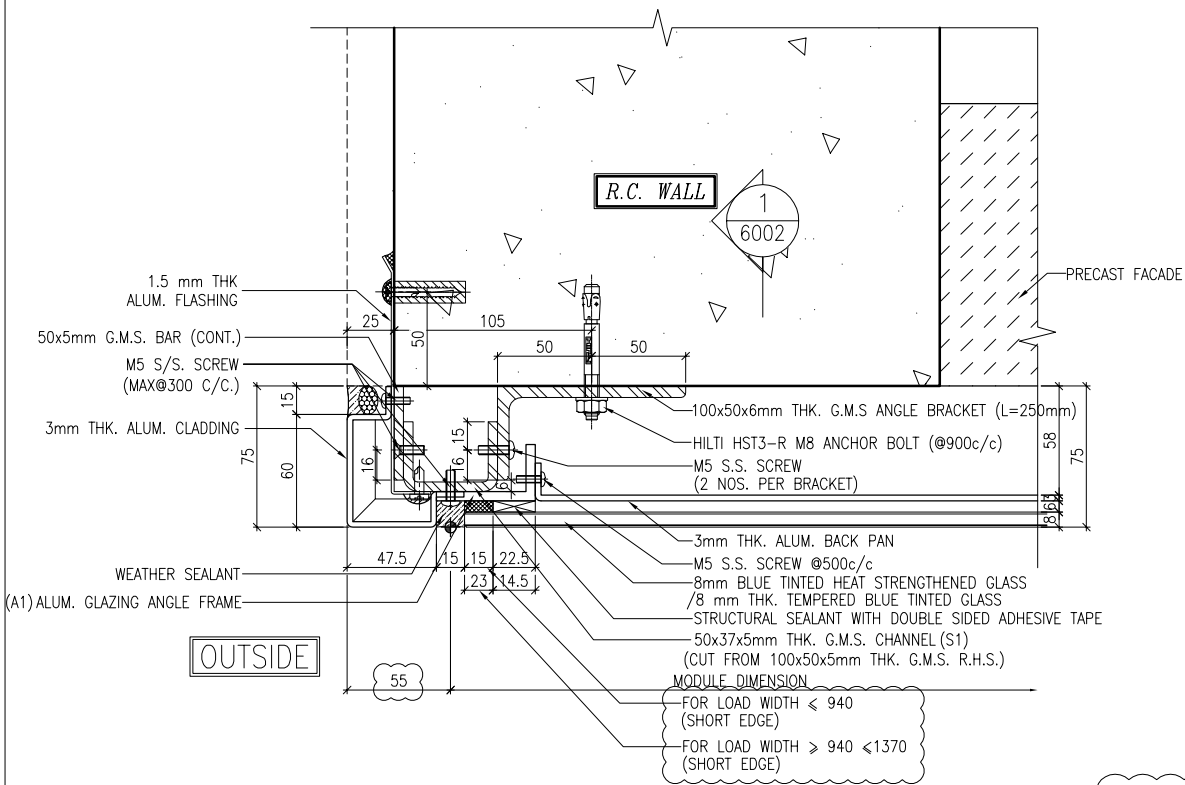
DATE : 04-JUL-18 SCALE : 1:100 (A1)

DRAWN BY : ASING CHECKED BY : -



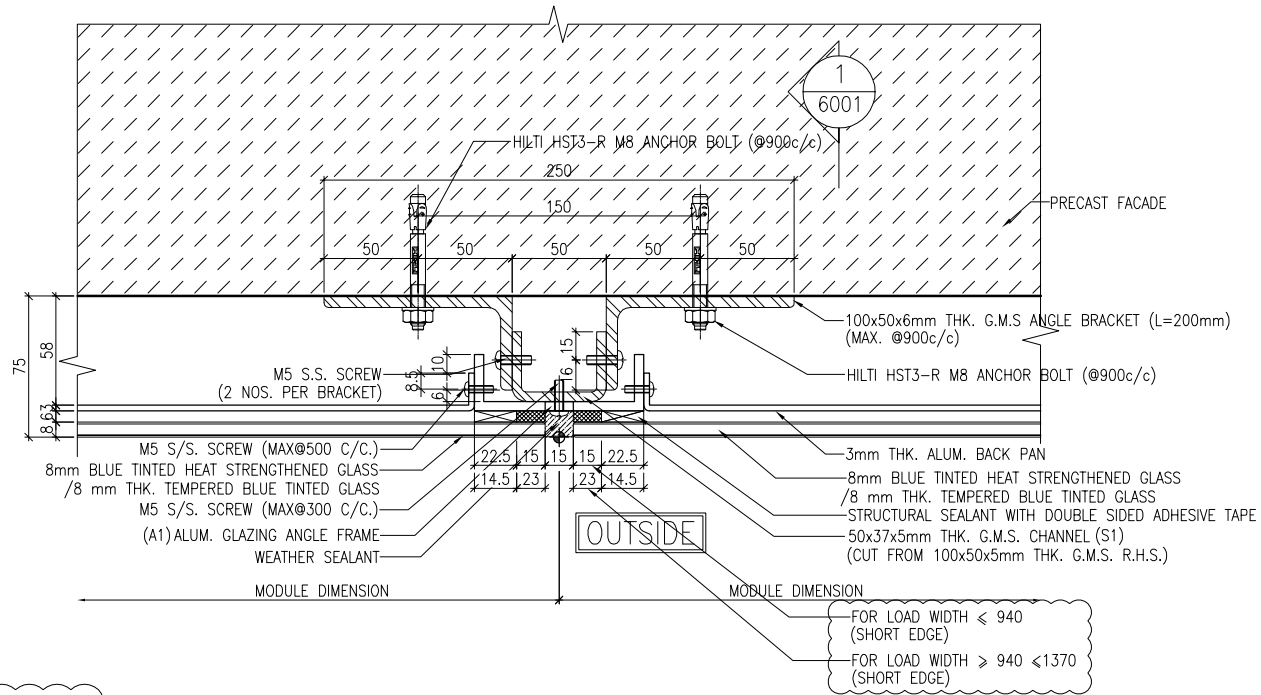
DWG NO. : J837-GC-3505

REV. : A

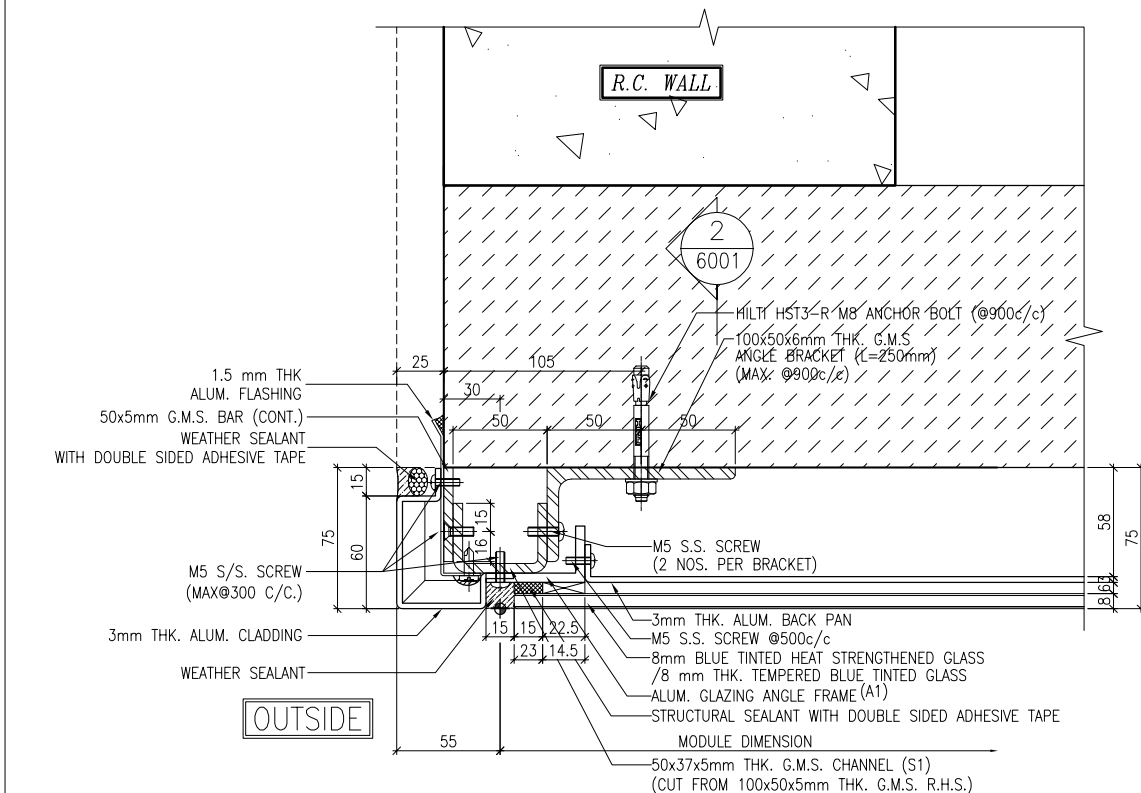


1
5001 TYPICAL MULLION DETAIL
GLASS CLADDING

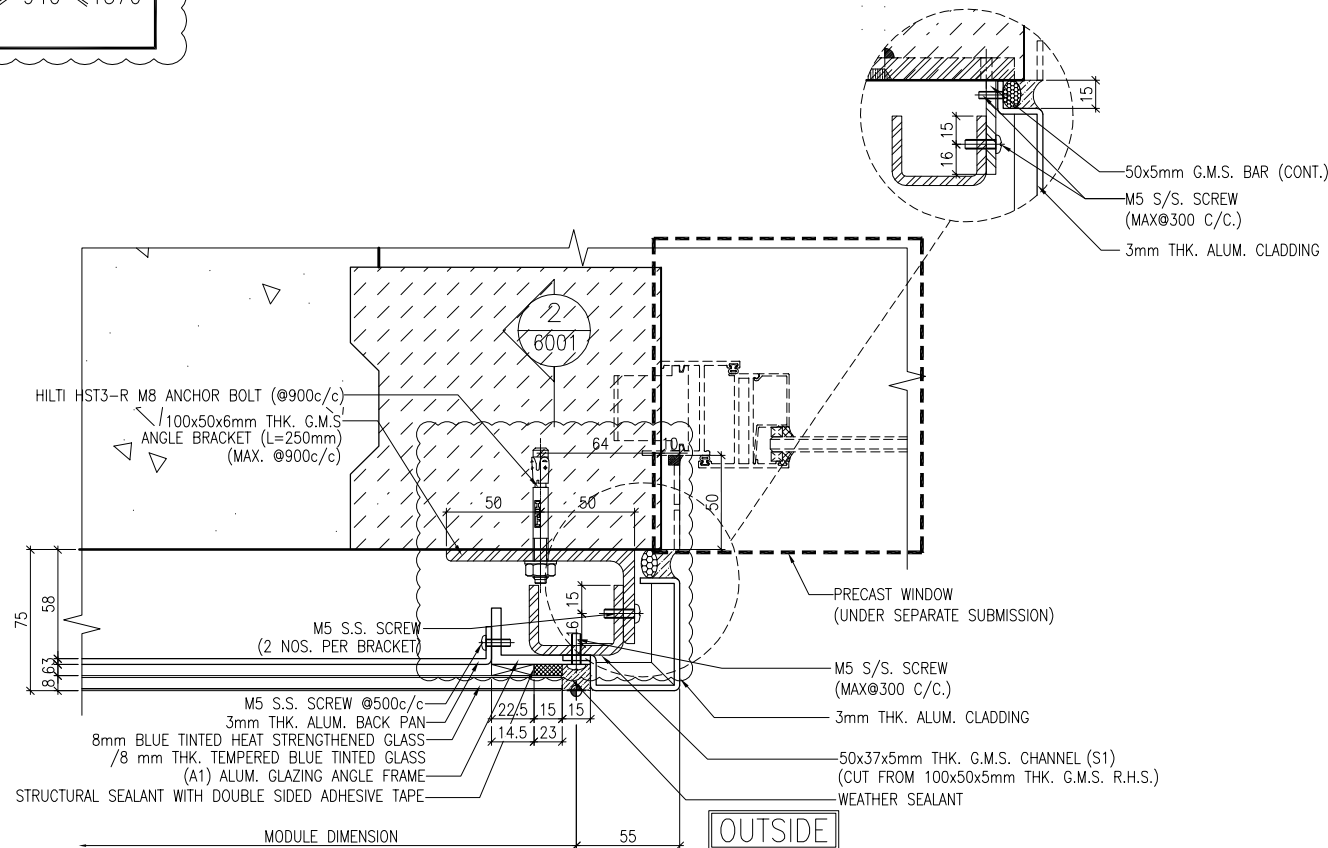
LEGEND:
STRUCTURAL SEALANT WITH DOUBLE
SIDED ADHESIVE TAPE AS FOLLOWS
FOR LOAD WIDTH ≤ 940
(SHORT EDGE)
FOR LOAD WIDTH $> 940 \leq 1370$
(SHORT EDGE)



2
5001 TYPICAL MULLION DETAIL
GLASS CLADDING



3
5001 TYPICAL MULLION DETAIL
GLASS CLADDING



4
5001 TYPICAL MULLION DETAIL
GLASS CLADDING

B.D. REF :

CLIENT :
信和置業有限公司
Sino Land Company Limited

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

FACADE CONSULTANT:
AECOM

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

B	1/3/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837
PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

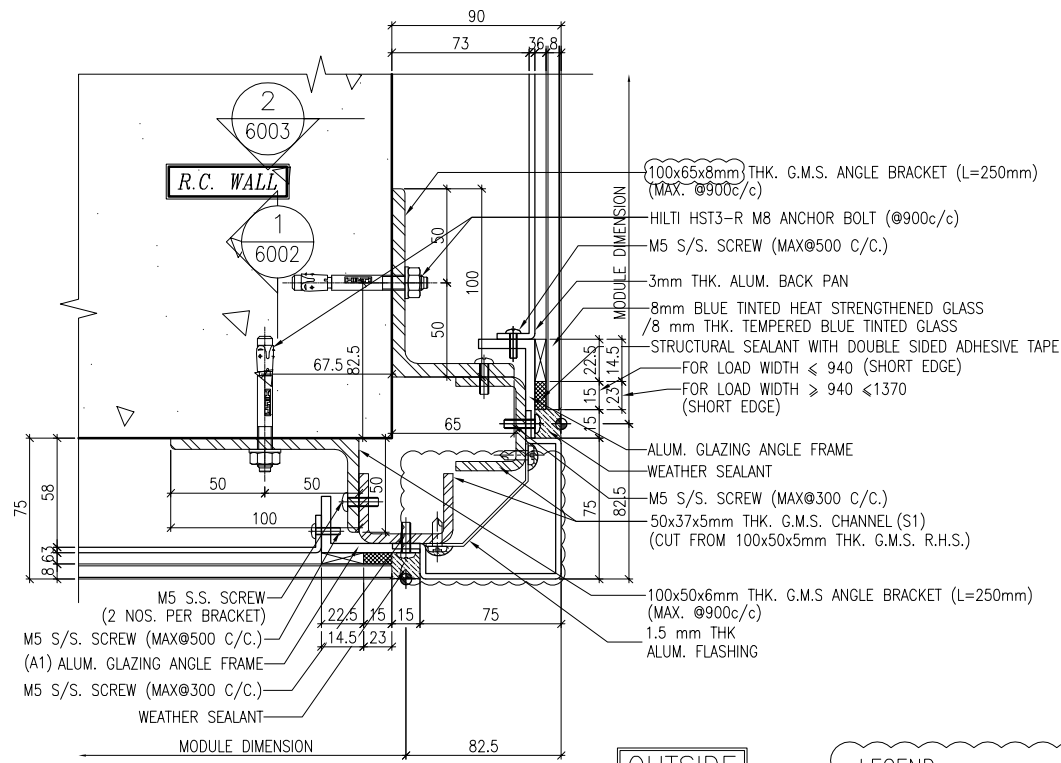
TITLE :
TYPICAL MULLION DETAIL
FOR GLASS CLADDING

DATE : 4-Sep-18 SCALE : 1:2 (A1)

DRAWN BY : ASING 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) 2727666

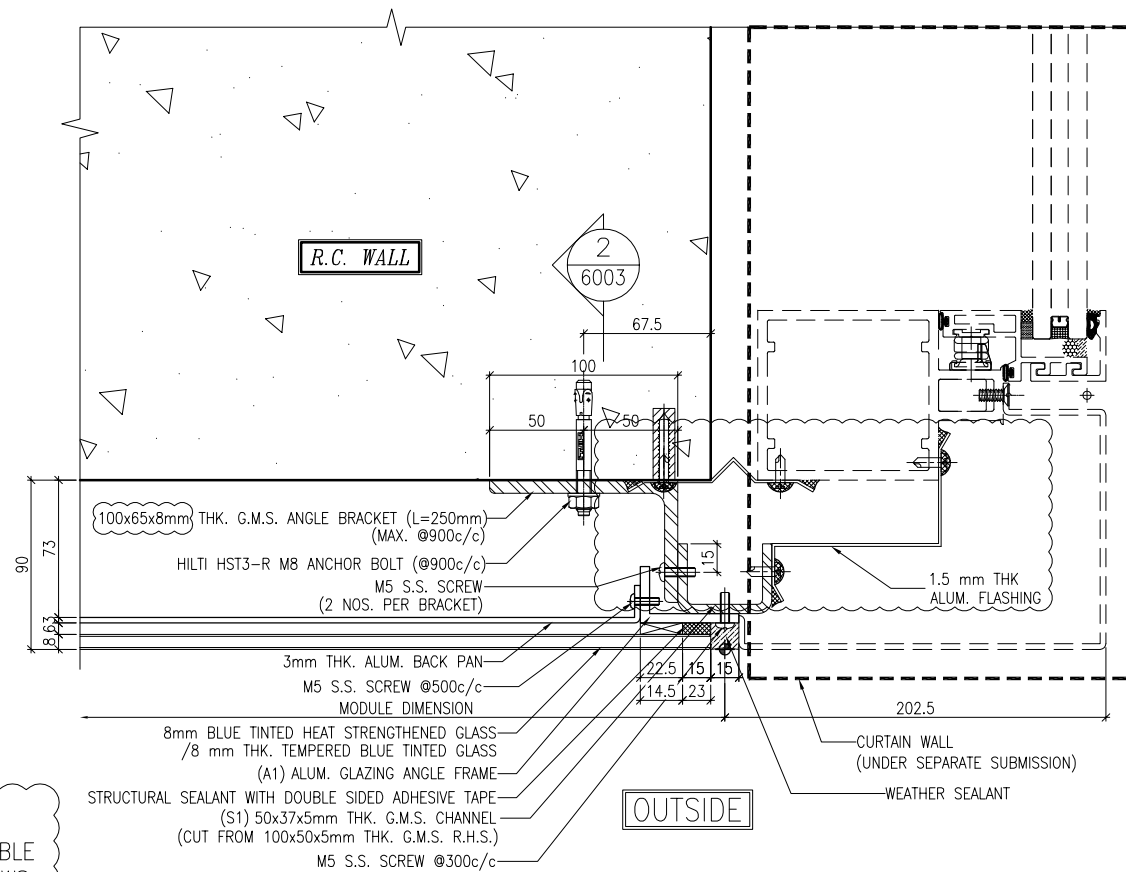
DWG NO. : J837-GC-5001 REV. : B



OUTSIDE

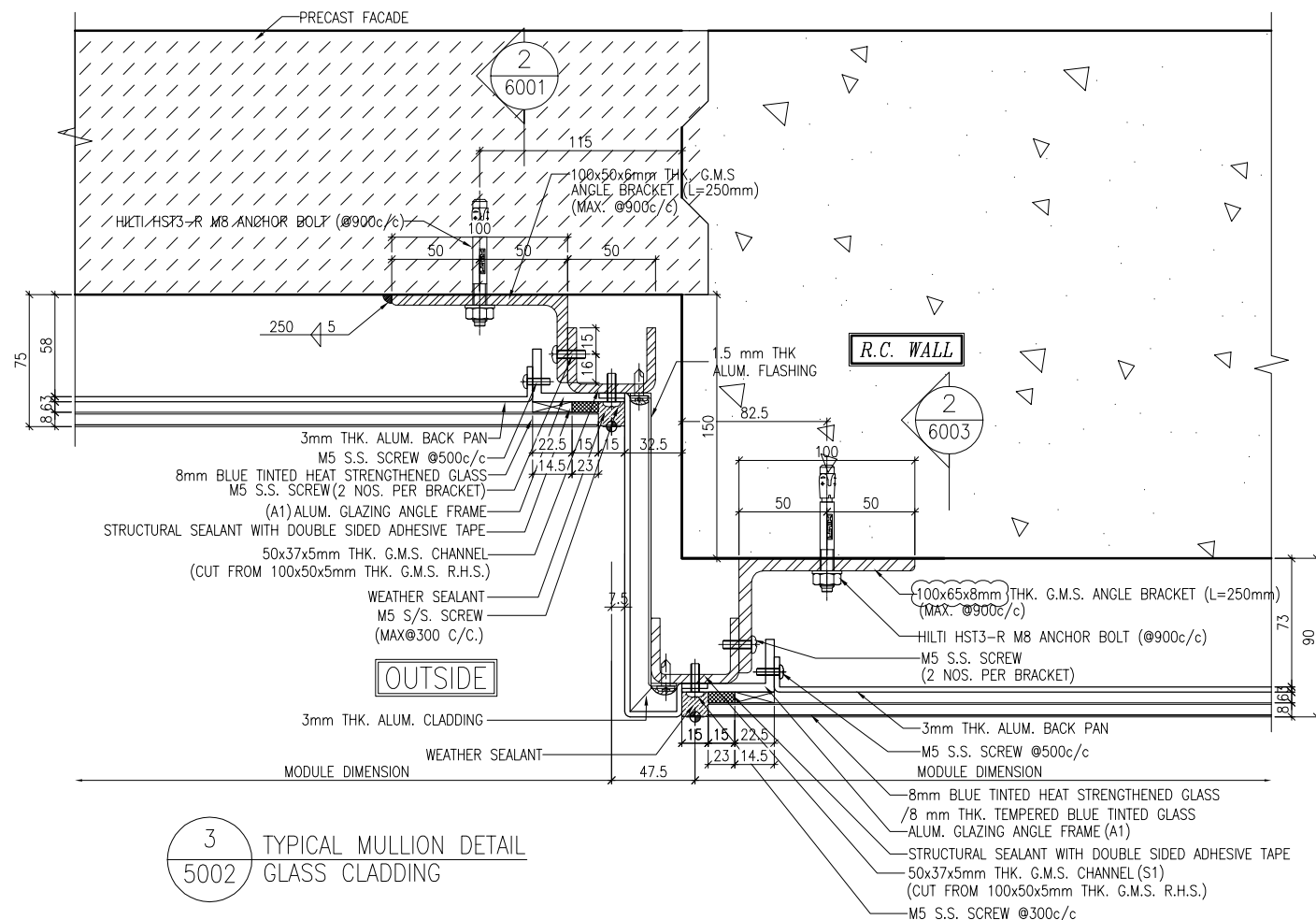
1
5002 TYPICAL MULLION DETAIL
GLASS CLADDING

LEGEND:
STRUCTURAL SEALANT WITH DOUBLE
SIDED ADHESIVE TAPE AS FOLLOWS
FOR LOAD WIDTH ≤ 940
(SHORT EDGE)
FOR LOAD WIDTH $\geq 940 < 1370$
(SHORT EDGE)



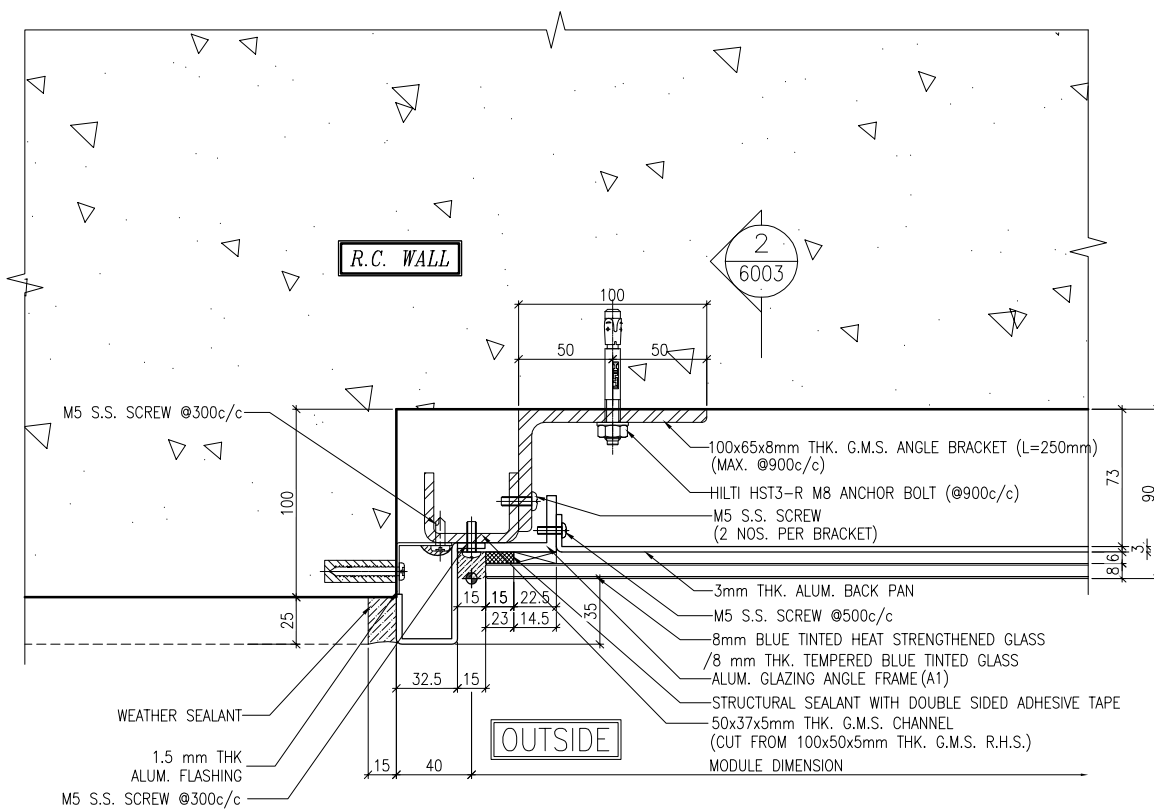
OUTSIDE

2
5002 TYPICAL MULLION DETAIL
GLASS CLADDING



OUTSIDE

3
5002 TYPICAL MULLION DETAIL
GLASS CLADDING



OUTSIDE

4
5002 TYPICAL MULLION DETAIL
GLASS CLADDING (ONLY FOR 2101-3)

B.D. REF :

CLIENT :

信和置業有限公司
Sino Land Company Limited

ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS



MAIN CONTRACTOR :

CR Construction Company Limited

STRUCTURAL ENGINEER :

AECOM

FACADE CONSULTANT:

AECOM

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

B	1/3/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
TYPICAL MULLION DETAIL
FOR GLASS CLADDING

DATE : 4-Sep-18

SCALE : 1:2 (A1)

DRAWN BY : ASING

CHECKED BY : -

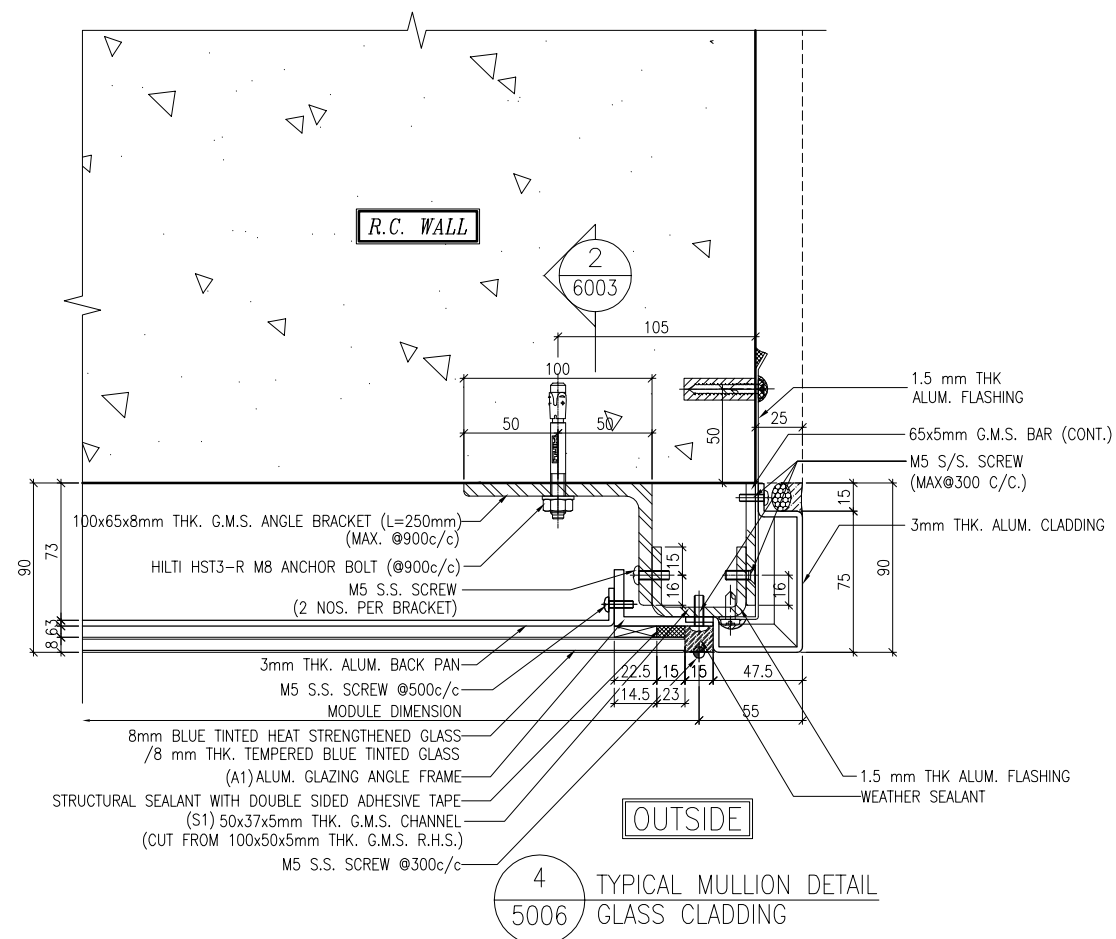
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 2727666

DWG NO. : J837-GC-5002

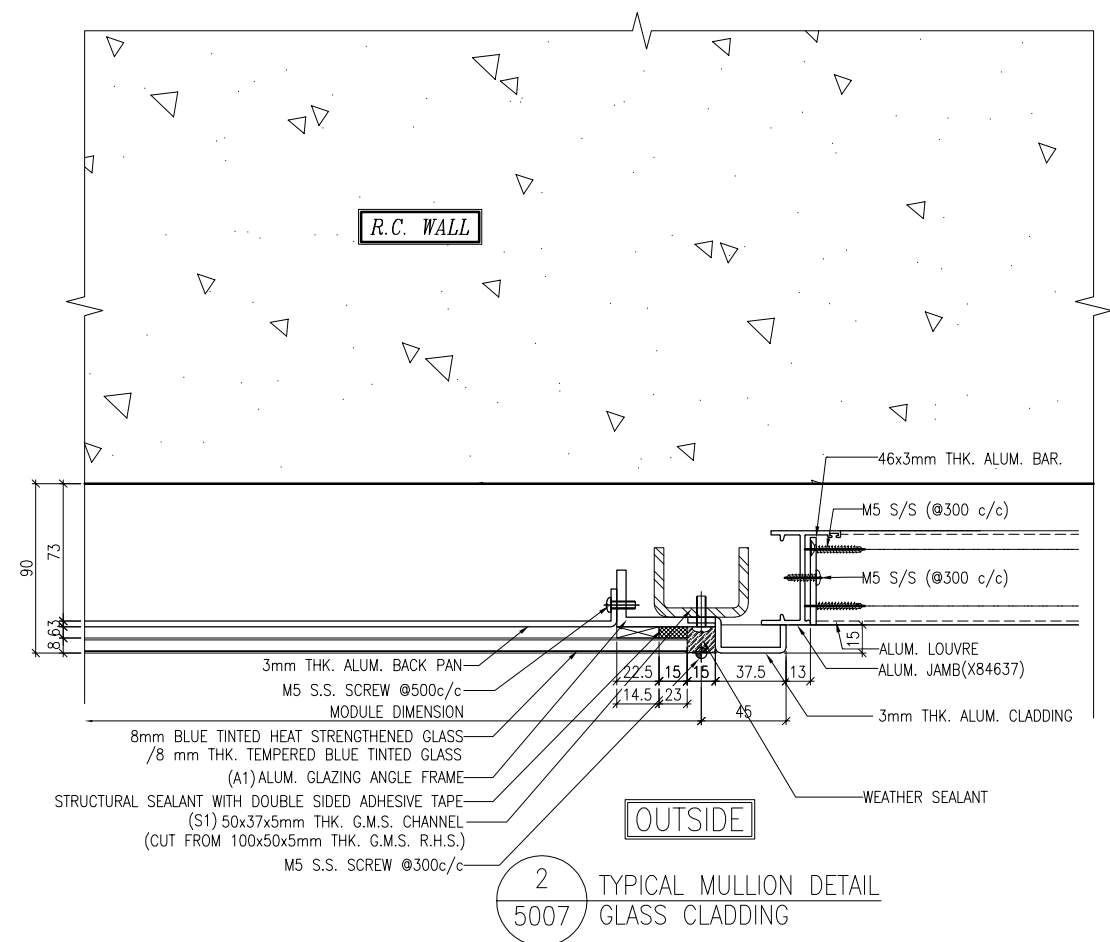
REV. : B



FOR LOAD WIDTH ≤ 940 (SHORT EDGE)
FOR LOAD WIDTH $\geq 940 \leq 1370$ (SHORT EDGE)

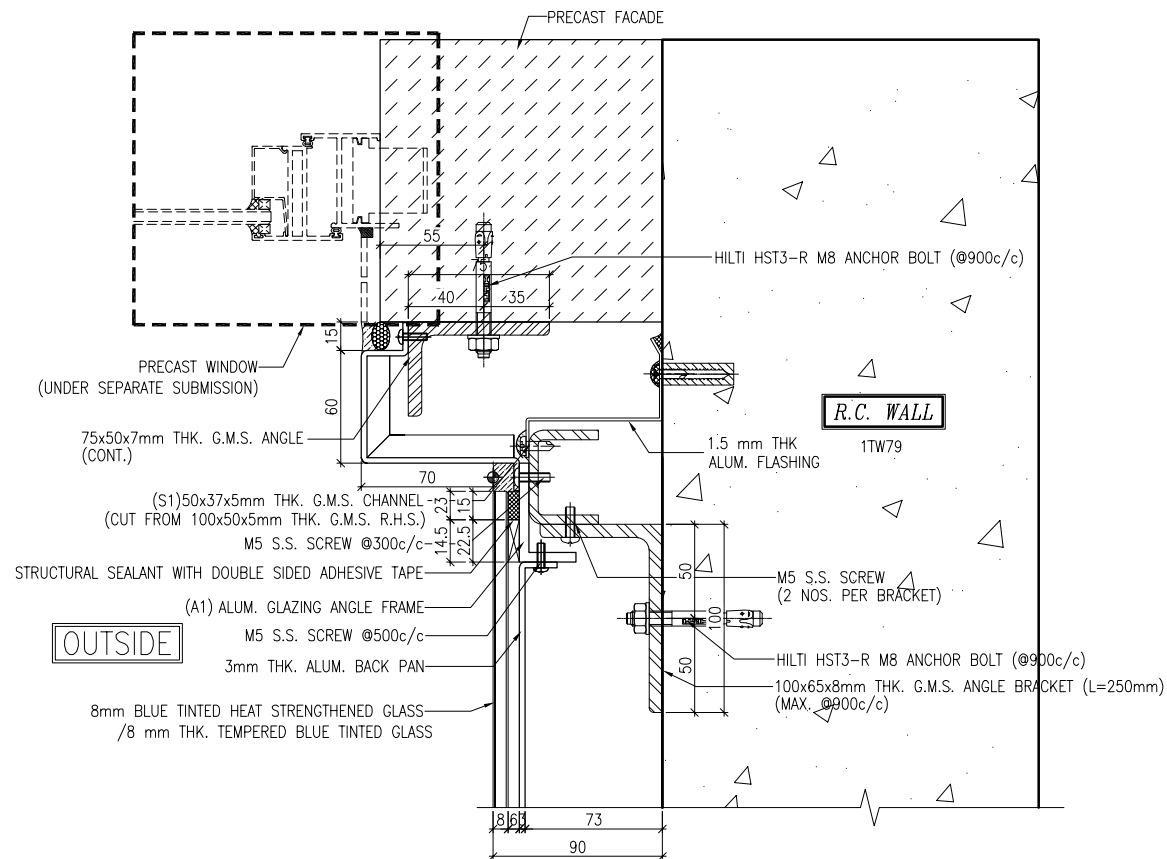


DWG NO. : J837-GC-5006	REV. : A
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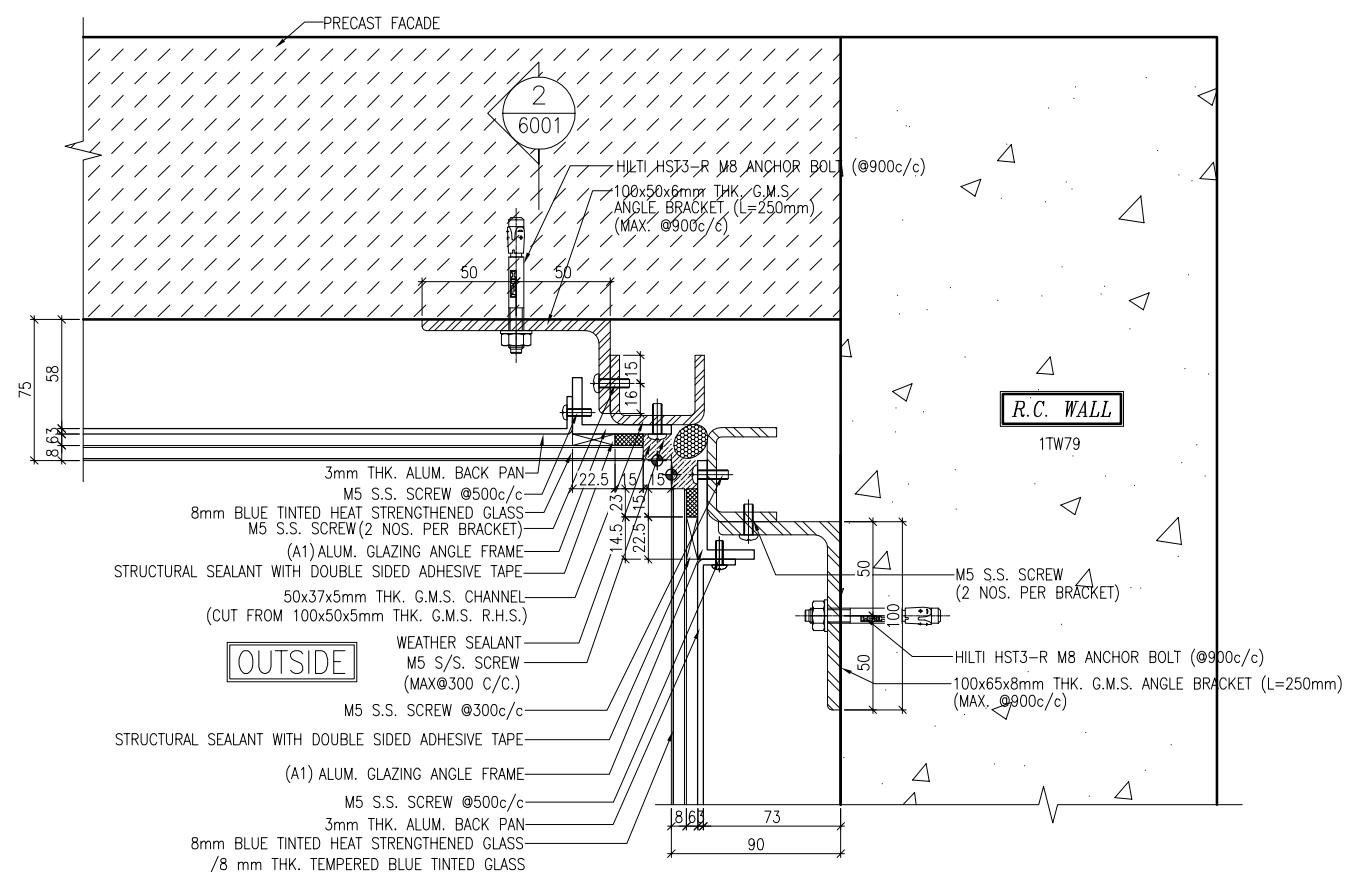


FOR LOAD WIDTH ≤ 940 (SHORT EDGE)
FOR LOAD WIDTH $\geq 940 \leq 1370$ (SHORT EDGE)

DWG NO. : J837-GC-5007	REV. : —
------------------------	----------



1 TYPICAL MULLION DETAIL
5008 GLASS CLADDING

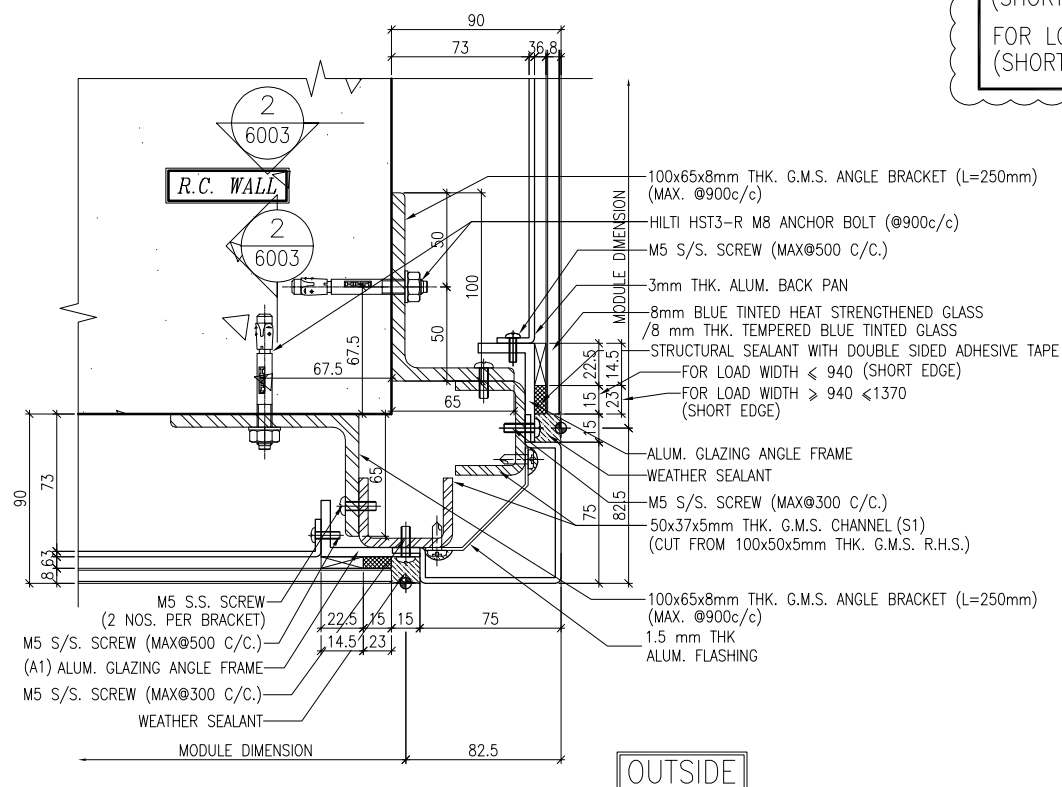


2 TYPICAL MULLION DETAIL
5008 GLASS CLADDING

LEGEND:

STRUCTURAL SEALANT WITH DOUBLE
SIDED ADHESIVE TAPE AS FOLLOWS

FOR LOAD WIDTH ≤ 940
(SHORT EDGE)
FOR LOAD WIDTH $\geq 940 < 1370$
(SHORT EDGE)



3 TYPICAL MULLION DETAIL
5008 GLASS CLADDING

B.D. REF :

CLIENT :

信和置業有限公司
Sino Land Company Limited

ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :

CR Construction Company Limited

STRUCTURAL ENGINEER :

AECOM

FACADE CONSULTANT:

AECOM

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-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

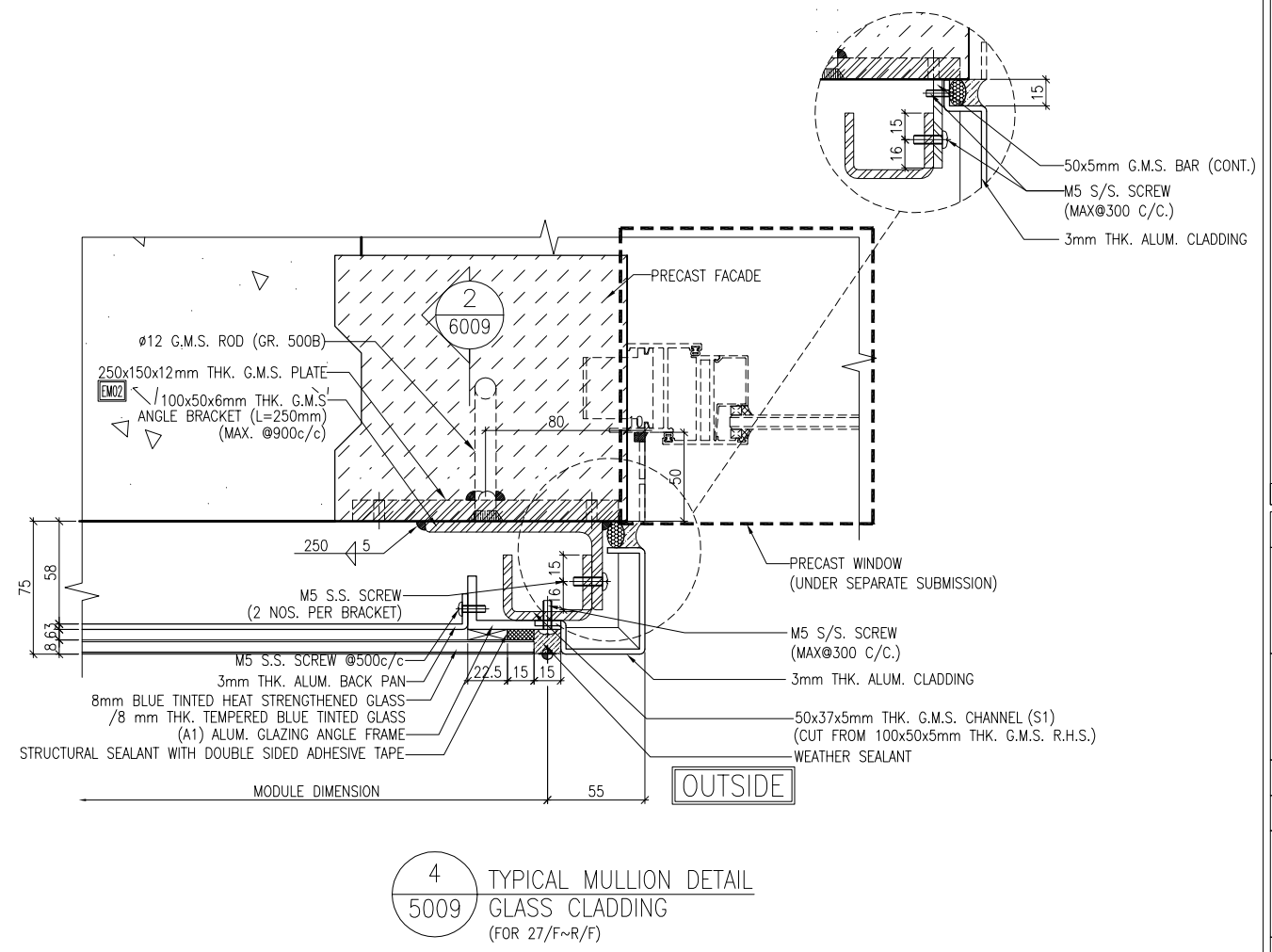
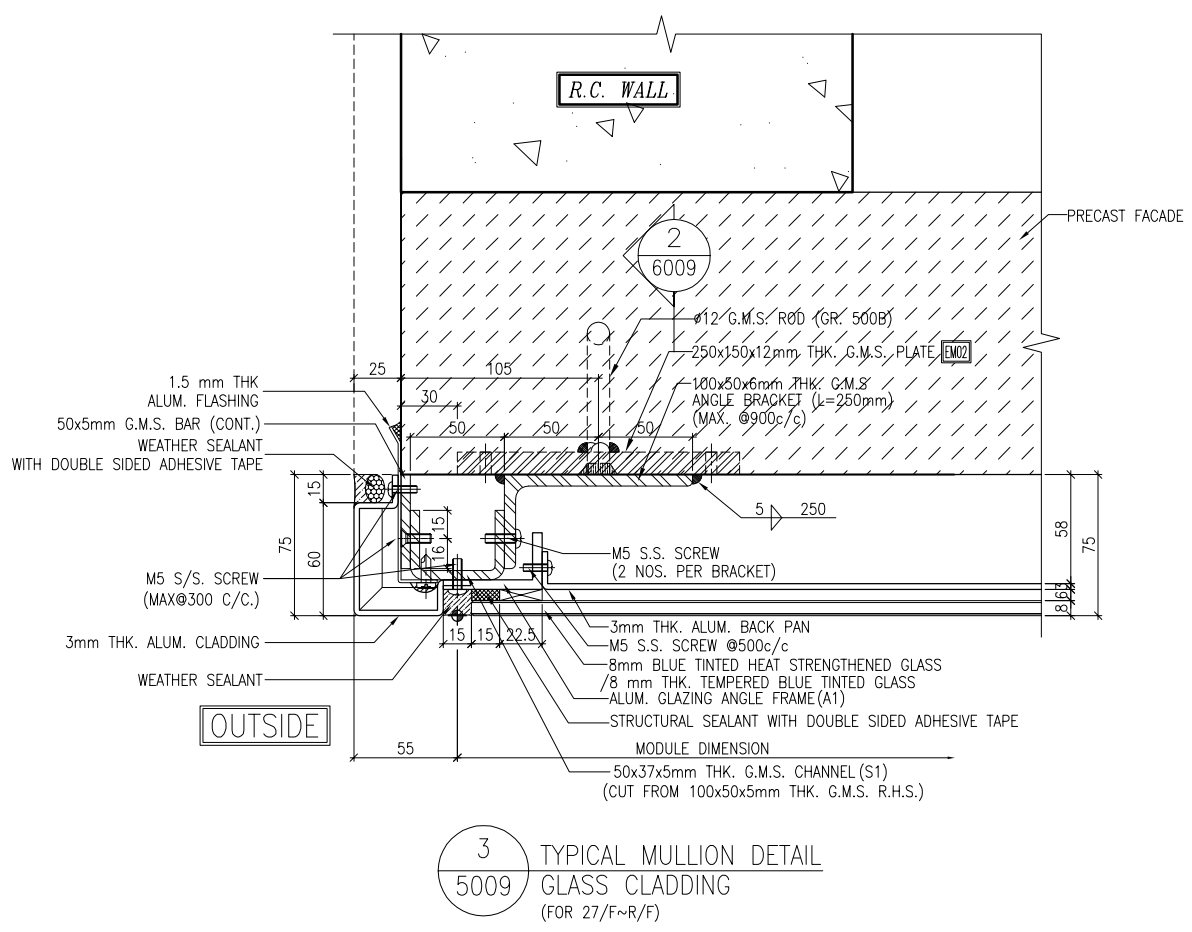
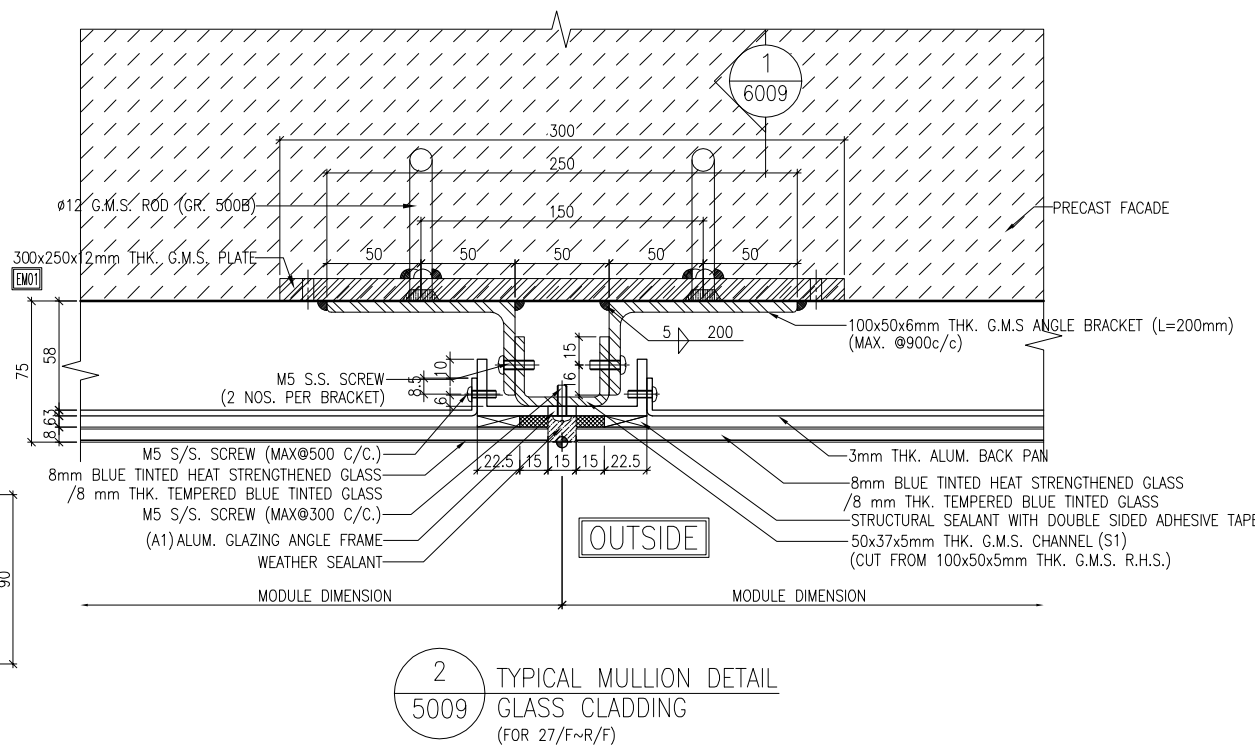
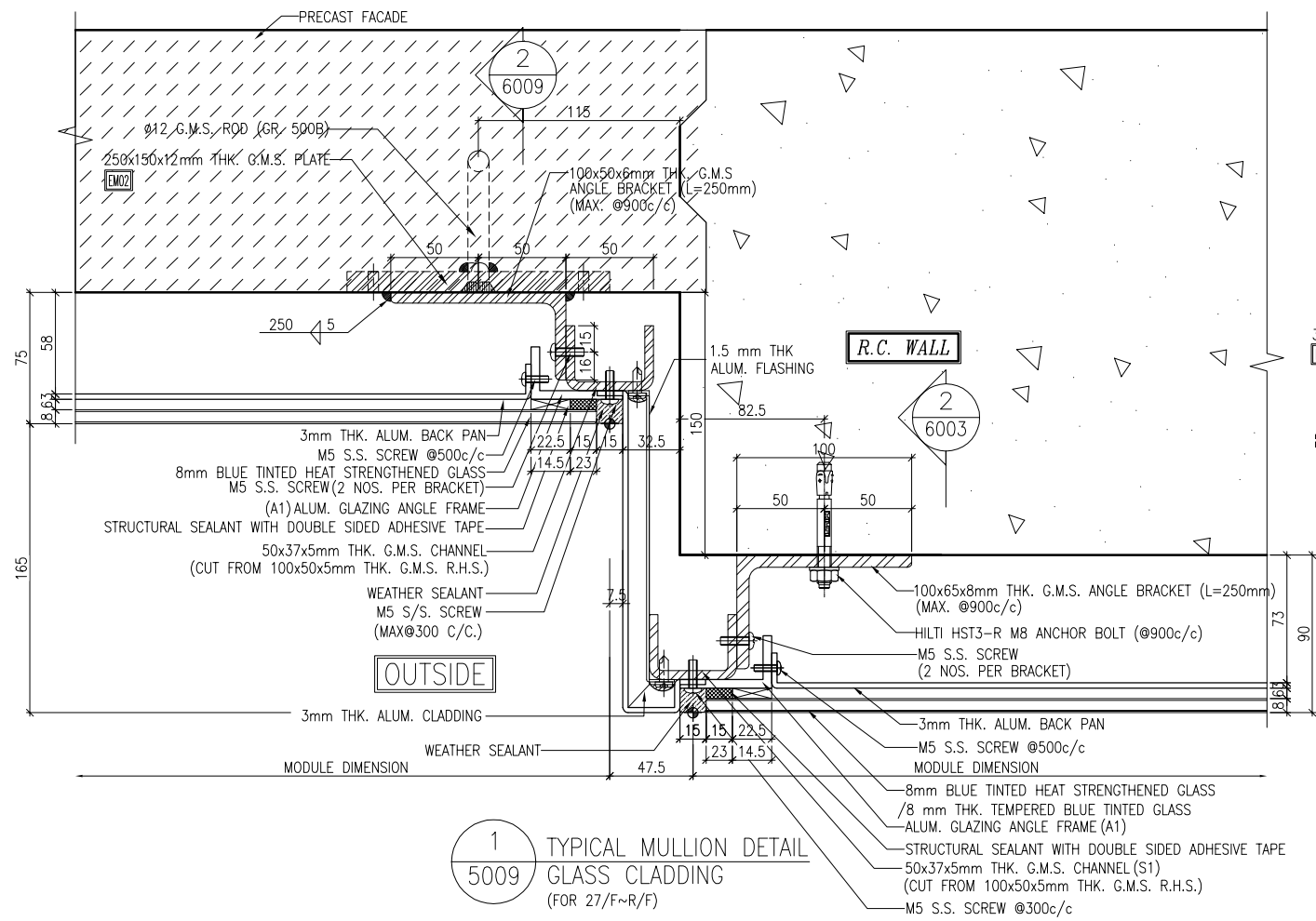
TITLE :
TYPICAL MULLION DETAIL
FOR GLASS CLADDING

DATE : 15-Oct-18 SCALE : 1:2 (A1)

DRAWN BY : ASING 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) 27272666

DWG NO. : J837-GC-5008 REV. : -



B.D. REF :

CLIENT :
信和置業有限公司
Sino Land Company Limited

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

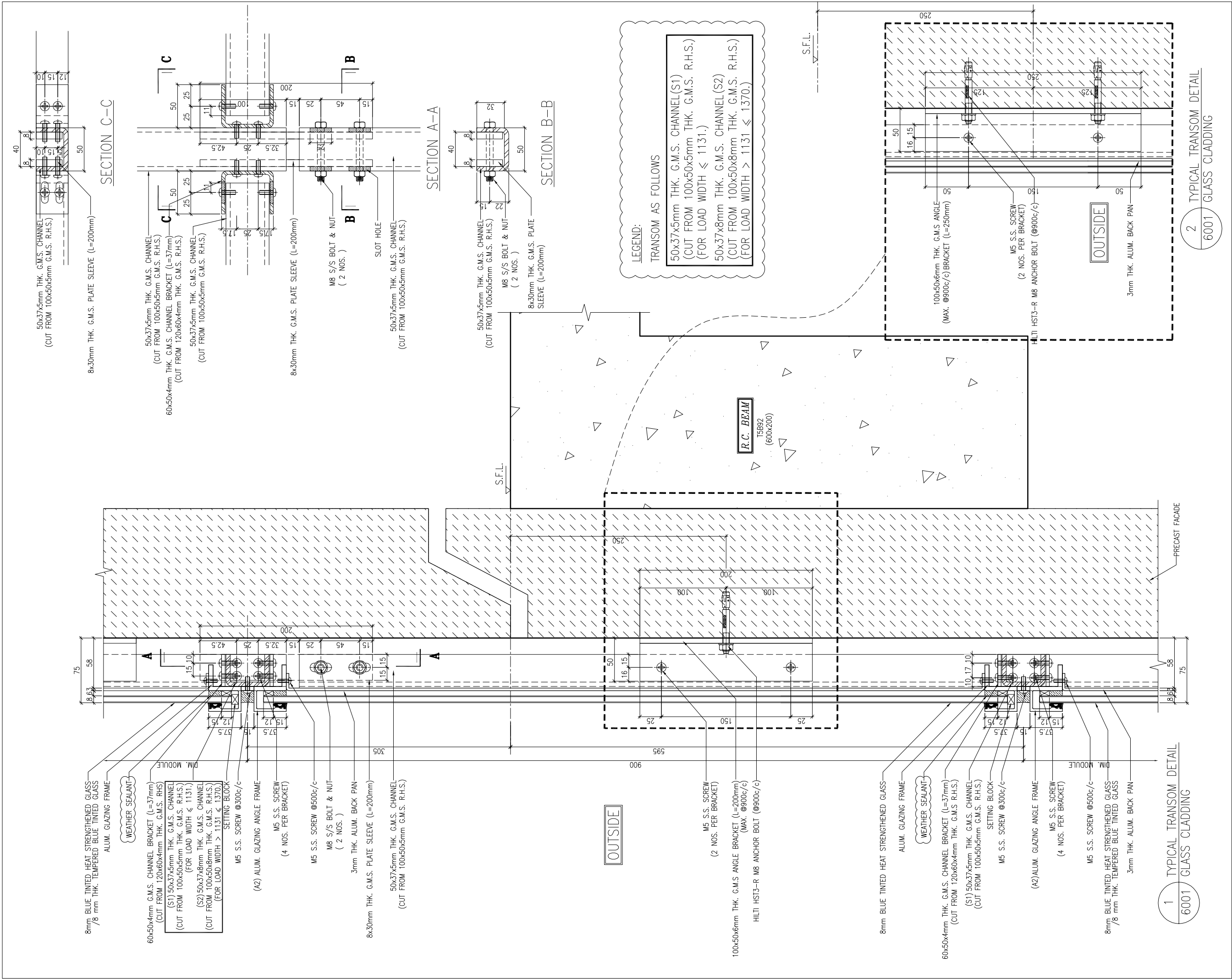
FACADE CONSULTANT:
AECOM

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

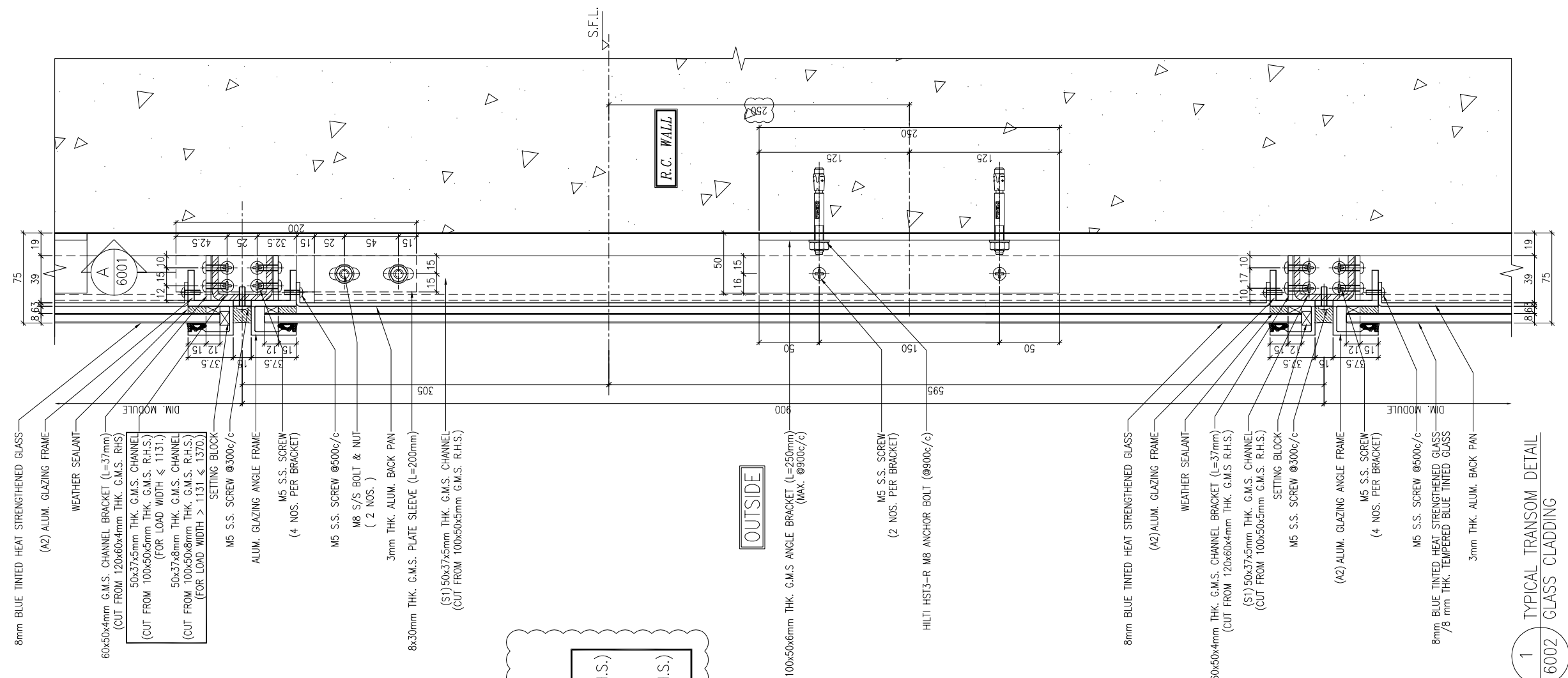
LEGEND :
X1 -- DETAIL MARK NO.
X001 -- REFER SHEET NO.

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-837		
PROJECT :	URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON		
TITLE :	TYPICAL MULLION DETAIL FOR GLASS CLADDING		
DATE : 4-Sep-18	SCALE : 1:2 (A1)		
DRAWN BY : ASING	CHECKED BY : -		
 MIDI ALUMINIUM FABRICATOR LTD. Units 6-8, Sunray Industrial Centre, 1/F 610 Cha Kwo Ling Road, Kowloon Tel: 23489211-4 Fax: (852) 2727666			
DWG NO. : J837-GC-5009	REV. : -		



B.D. REF :			
CLIENT :			
 信和置業有限公司 Sino Land Company Limited			
ARCHITECT :			
WONG TUNG & PARTNERS LIMITED ARCHITECTS & PLANNERS 			
MAIN CONTRACTOR :			
 CR Construction Company Limited			
STRUCTURAL ENGINEER :			
			
FACADE CONSULTANT:			
			
NOTE :			
1. ALL DIMENSIONS ARE IN mm.			
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.			
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.			
LEGEND :			
 — 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 TYPICAL TRANSOM DETAIL
6002 GLASS CLADDING

CLIENT :  **信和置業有限公司**
Sino Land Company Limited

MAIN CONTRACTOR :  **CR Construction Company Limited**

FACADE CONSULTANT:

AECOM

LEGEND :

	DETAIL MARK NO.
	REFER SHEET NO.

A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY

TITLE : TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

 **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

50x37x5mm THK. G.M.S. CHANNEL(S1)
(CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH ≤ 131 .)

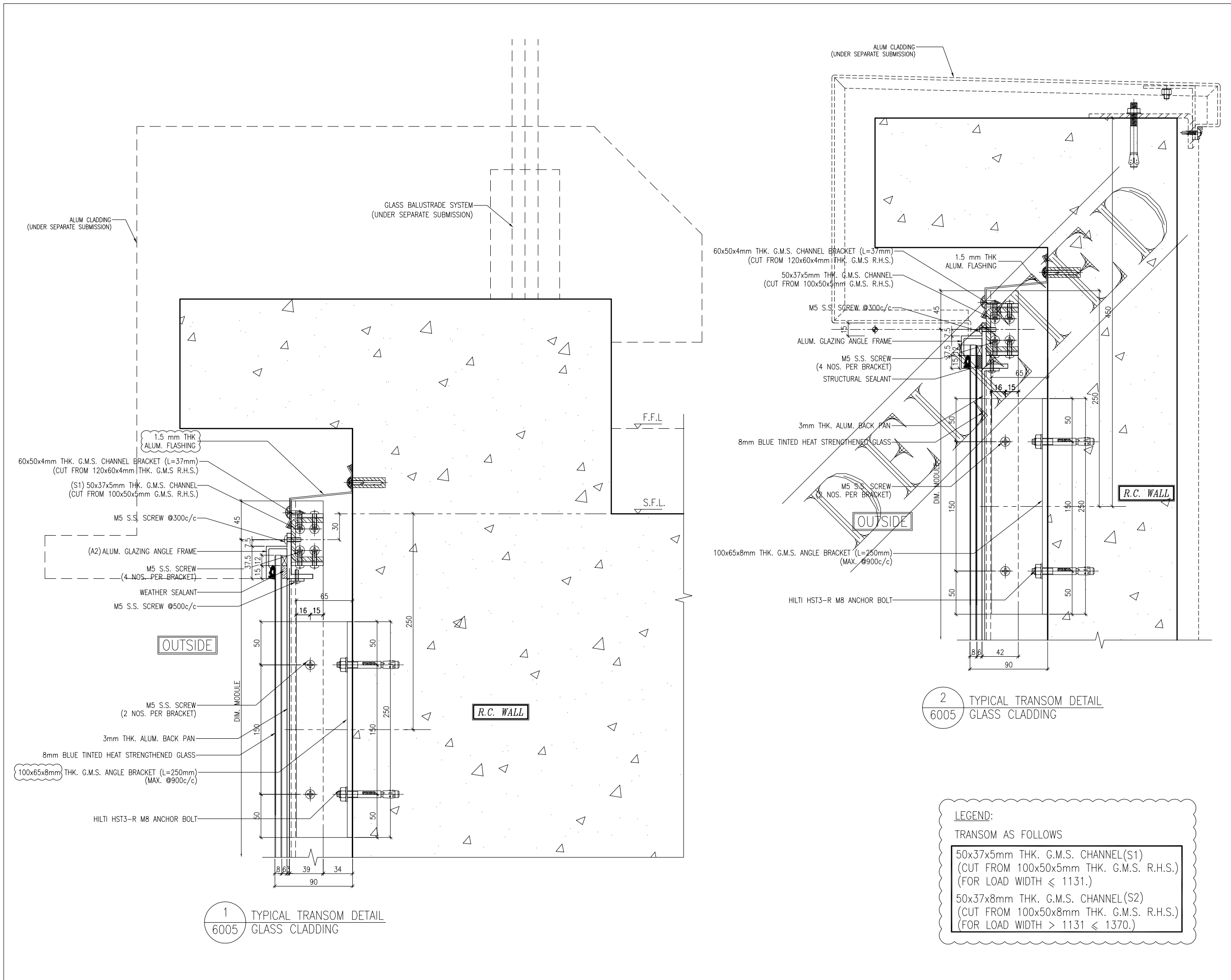


1. F.F.L. -- FINISHED FLOOR LEVEL
2. S.F.L. -- STRUCTURAL FLOOR LEVEL
3. (R) -- REVERSED DETAIL

DWG NO. : J837-GC-6003	REV. : A
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REV. : A



B.D. REF :

CLIENT :
 信和置業有限公司
Sino Land Company Limited

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS


MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AECOM

FACADE CONSULTANT:
 AECOM

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

A	17/11/2018	GENERAL	REVISED	
NO.	DATE		REVISED	BY

JOB NO. : J-837
PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

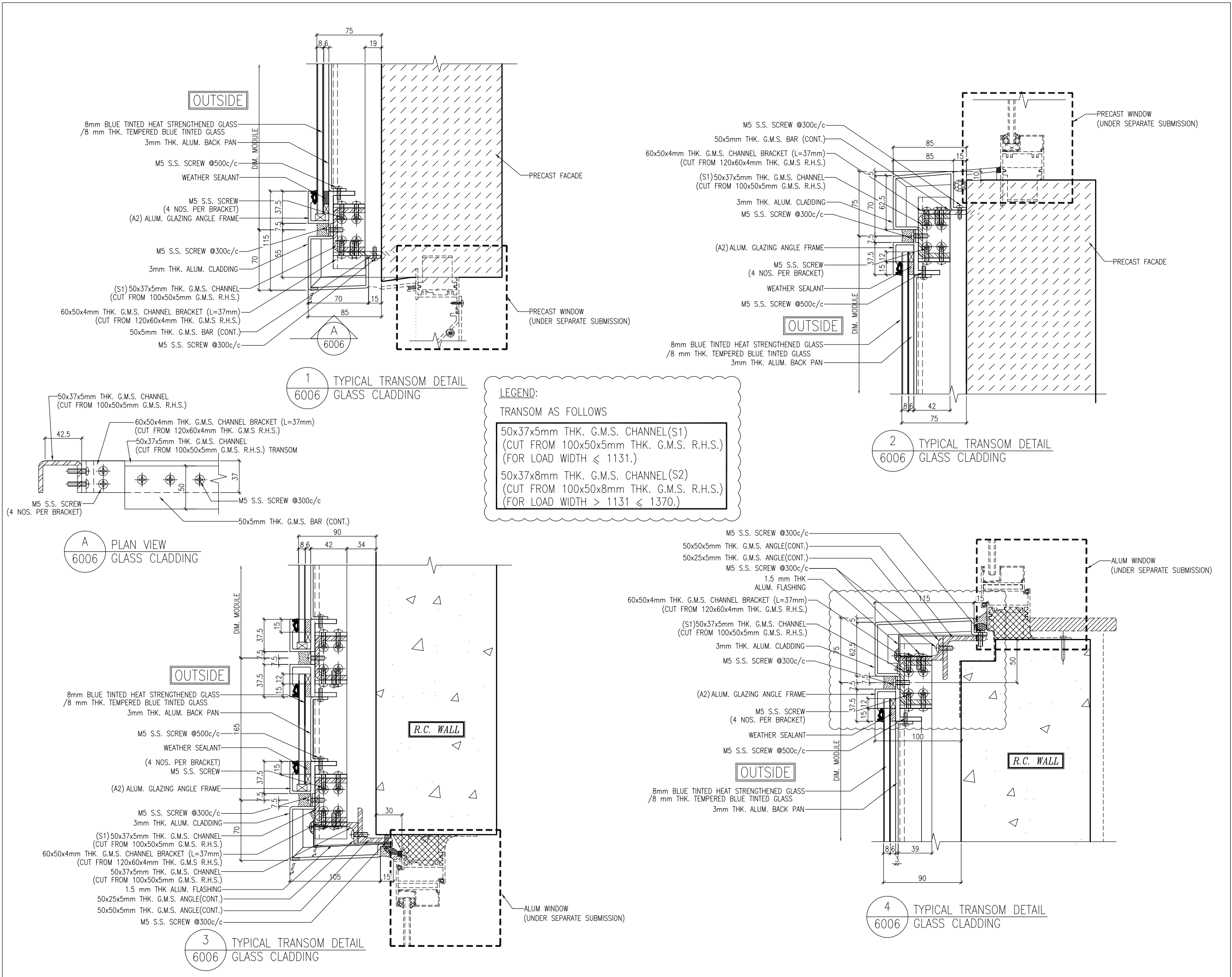
TITLE :
TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

DATE : 4-Sep-18	SCALE : 1:2 (A1)
DRAWN BY : ASING	CHECKED BY : -

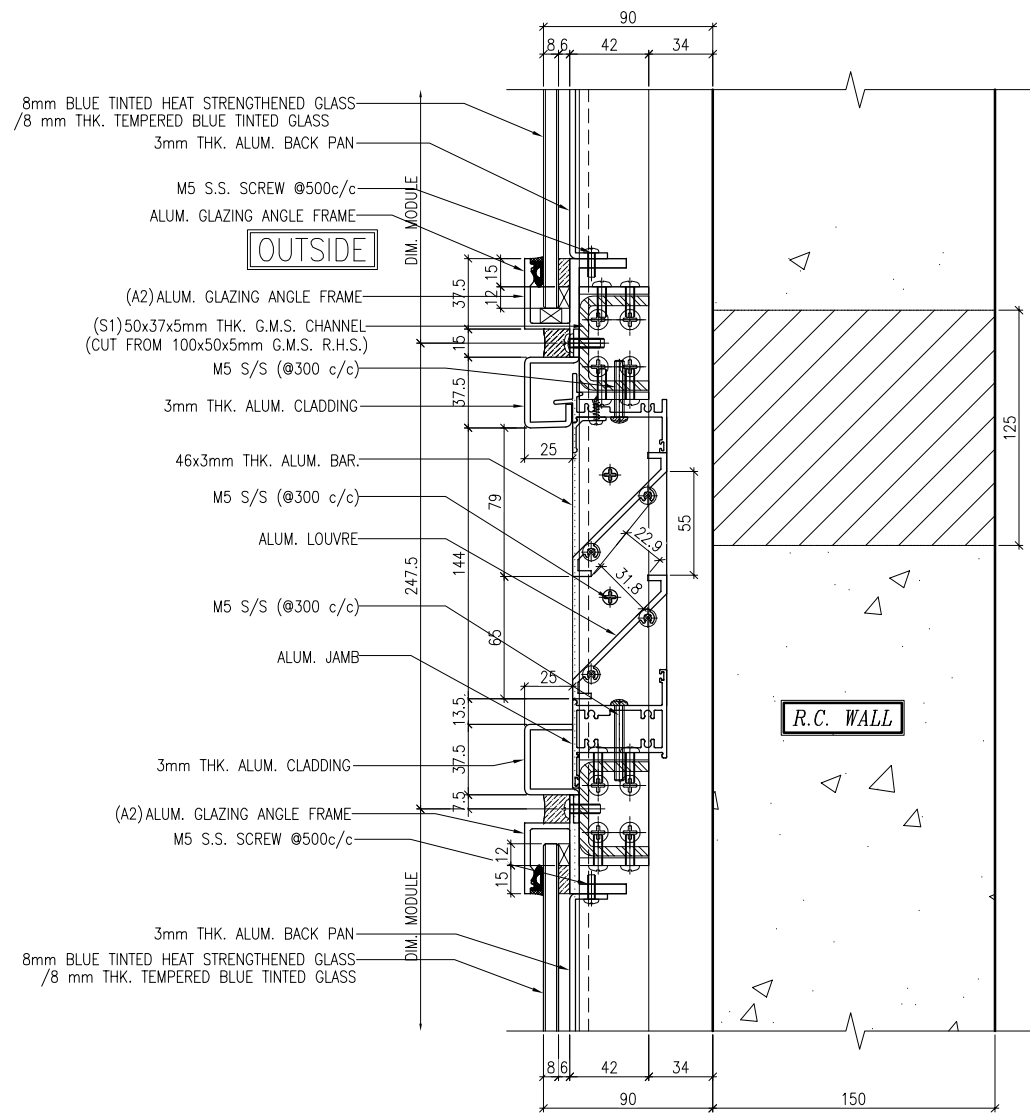
 美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : J837-GC-6005

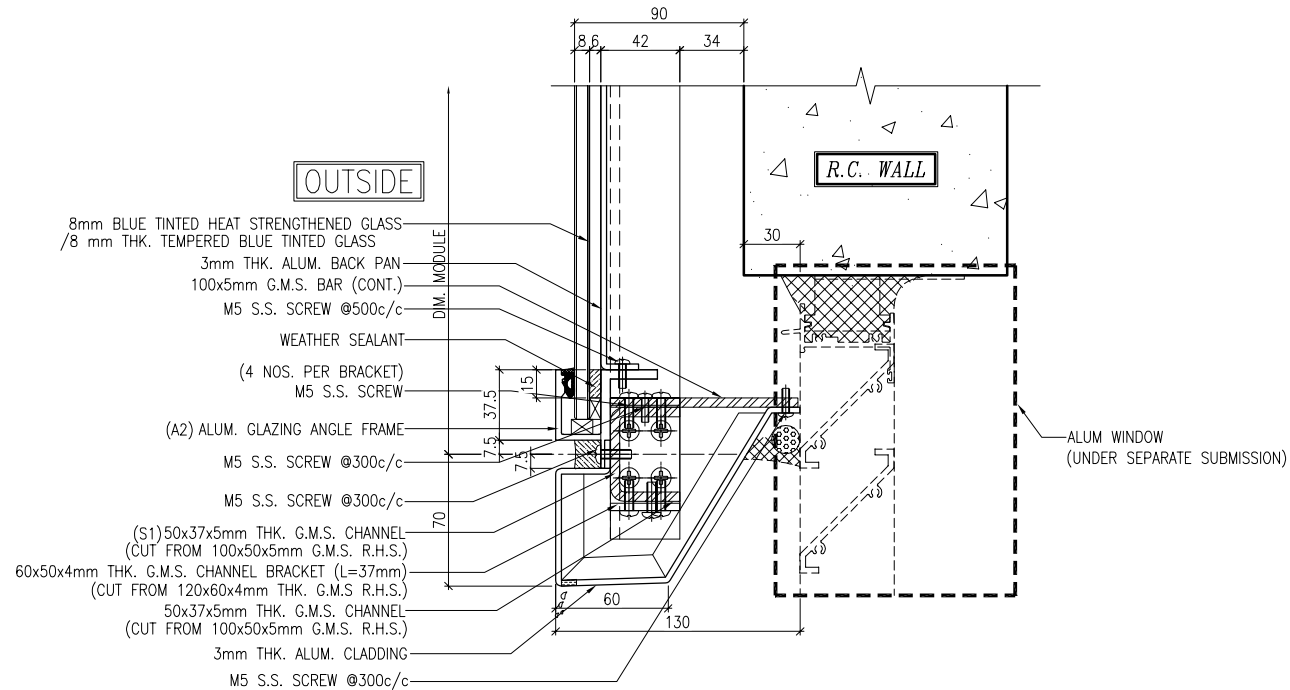
REV. : A



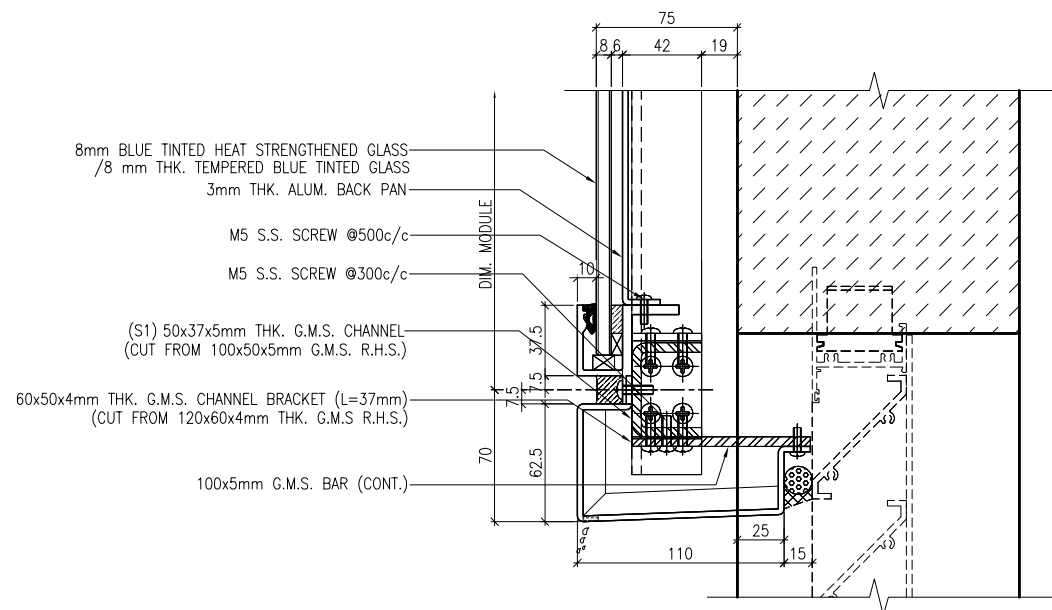
B.D. REF :			
CLIENT :			
 信和置業有限公司 Sino Land Company Limited			
ARCHITECT :			
WONG TUNG & PARTNERS LIMITED ARCHITECTS & PLANNERS 			
MAIN CONTRACTOR :			
 CR Construction Company Limited			
STRUCTURAL ENGINEER :			
			
FACADE CONSULTANT:			
			
NOTE :			
1. ALL DIMENSIONS ARE IN mm.			
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.			
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.			
LEGEND :			
 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			
B	1/3/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	
NO.	DATE	REVISED	BY
JOB NO. : J-837			
PROJECT :			
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON			
TITLE :			
TYPICAL TRANSOM DETAIL FOR GLASS CLADDING			
DATE : 4-Sep-18		SCALE : 1:2 (A1)	
DRAWN BY : ASING		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. : J837-GC-6006			REV. : B



1 TYPICAL TRANSOM DETAIL
6007 GLASS CLADDING



2 TYPICAL TRANSOM DETAIL
6007 GLASS CLADDING



3 TYPICAL TRANSOM DETAIL
6007 GLASS CLADDING

LEGEND:

TRANSOM AS FOLLOWS

50x37x5mm THK. G.M.S. CHANNEL(S1)
(CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH $\leq$ 1131.)

50x37x8mm THK. G.M.S. CHANNEL(S2)
(CUT FROM 100x50x8mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH $>$ 1131 $\leq$ 1370.)

B.D. REF :

CLIENT :

信和置業有限公司
Sino Land Company Limited

ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :

CR Construction Company Limited

STRUCTURAL ENGINEER :

AECOM

FACADE CONSULTANT:

AECOM

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-837

PROJECT :

URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :

TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

DATE : 4-Sep-18

SCALE : 1:2 (A1)

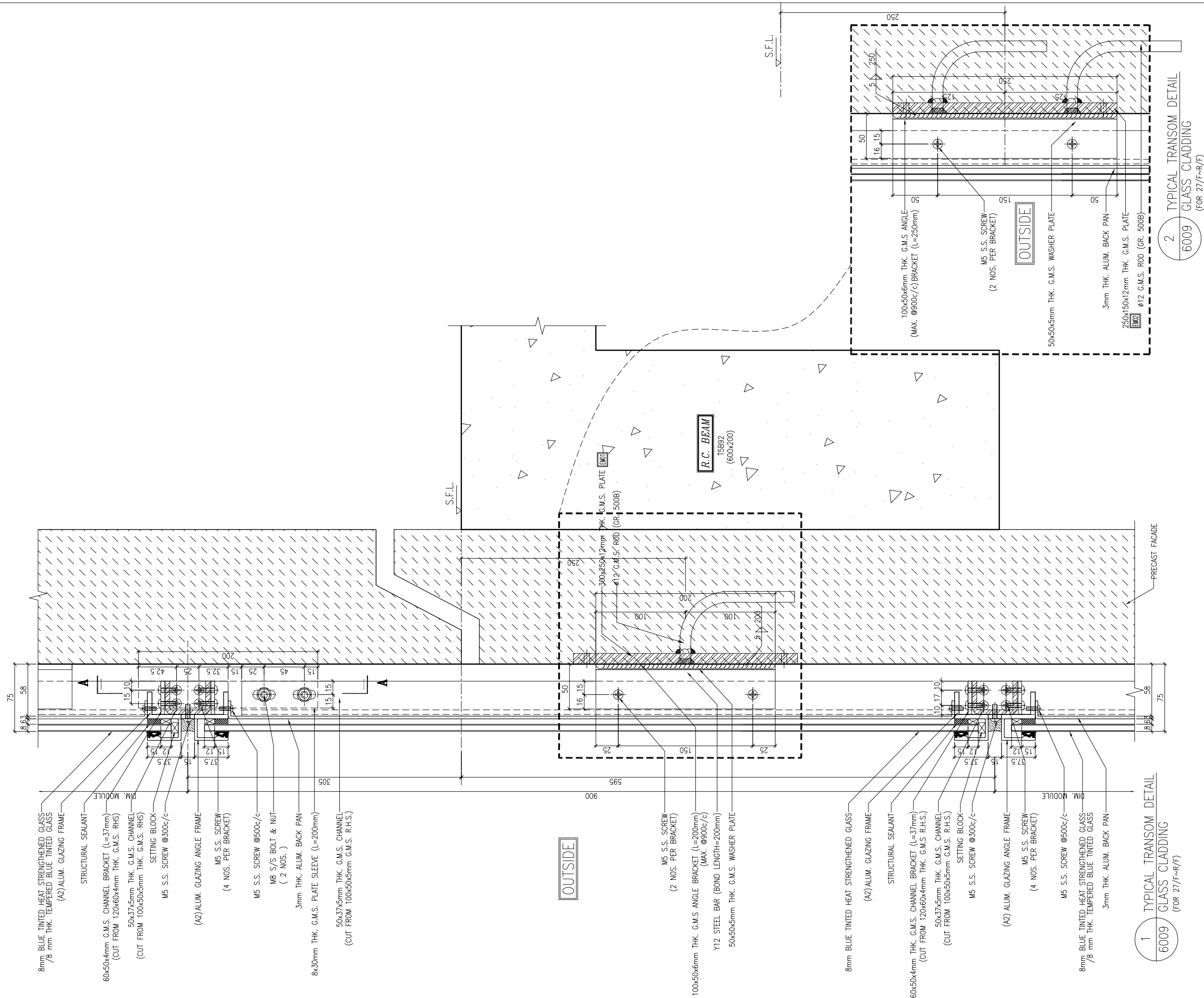
DRAWN BY : ASING

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) 2727666

DWG NO. : J837-GC-6007

REV. : -



B.D. REF :

CLIENT :
 信和置業有限公司
Sino Land Company Limited

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS


MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :


FACADE CONSULTANT:


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

LEGEND :

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-837			
PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON			
TITLE : TYPICAL TRANSOM DETAIL FOR GLASS CLADDING			
DATE : 4-Sep-18		SCALE : 1:2 (A1)	
DRAWN BY : ASING		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. : J837-GC-6009			REV. : -