

工程指示 / 要求簡箋(E.I.)

工程指示編號：EI / 9720 / 18

修改版次：-

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

收件人：青哥 / 生統

發件人：Eric Liu

日期：04/09/2018

要求提供 / 確認 事項：

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

內容：

現提供幕牆 Glass Cladding 大圖，請安排拆圖 _____，分 2 部份

1. Glass Cladding 2. Pre-cast Glass Cladding(T3F 及 T5H)

兩部份都包括以下內容：

1. 鐵件 2. 鋁料 3. 玻璃 4. 配件(包括拉爆, 983)

謝謝！

請在 2018/ 09 / 07 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 *永林* () 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 *生統*
 () 質檢部 連附件 () 會計部 連附件 () 報關組 連附件 () 其他 青哥 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 1389/18

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**

1

台架
① Glass cladding
② pre cast glass cladding
- T3F
- T5H

- 零件
- 零件
- 零件
- 零件 - 零件
- 零件

TITLE : SHOPDRAWING SUBMISSION DRAWINGS
OF GLASS CLADDING

DATE: 4 - Sep - 2018

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						AP - APPROVED	AP - APPROVED	AP - APPROVED	ISSUE TO CHINA OFFICE		ISSUE TO SITE		ISSUE TO SUB-CONTRACTOR					
	DAY	04						AC - APPROVED SUB. TO CONDITION	AC - APPROVED SUB. TO CONDITION	AC - APPROVED SUB. TO CONDITION										
	MONTH	09						NA - NOT APPROVED	NA - NOT APPROVED	NA - NOT APPROVED										
	YEAR	18																		
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	-																		
DRAWING SUBMISSION REGISTER	J837-GC-DR01	-																		
GENERAL NOTES OF GLASS CLADDING	J837-GC-GND01	-																		
SECTION PROPERTIES OF GLASS CLADDING	J837-GC-ML01	-																		
PART ELEVATION OF GLASS CLADDING	J837-GC-2101	-																		
PART ELEVATION OF GLASS CLADDING	J837-GC-2102	-																		
PART ELEVATION OF GLASS CLADDING	J837-GC-2201	-																		
PART ELEVATION OF GLASS CLADDING	J837-GC-2202	-																		
PART ELEVATION OF GLASS CLADDING	J837-GC-2301	-																		
PART ELEVATION OF GLASS CLADDING	J837-GC-2501	-																		
PART ELEVATION OF GLASS CLADDING	J837-GC-2502	-																		
TYPICAL SECTION OF GLASS CLADDING	J837-GC-2601	-																		
6TH FLOOR FULL LAYOUT PLAN AT TOWER 1	J837-GC-3101	-																		
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 1	J837-GC-3102	-																		
50TH FLOOR PLAN FULL LAYOUT PLAN AT TOWER 1	J837-GC-3103	-																		
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 1	J837-GC-3104	-																		
6TH FLOOR FULL LAYOUT PLAN AT TOWER 2	J837-GC-3201	-																		
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 2	J837-GC-3202	-																		
55TH FLOOR PLAN FULL LAYOUT PLAN AT TOWER 2	J837-GC-3203	-																		
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 2	J837-GC-3204	-																		
6TH FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3301	-																		
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3302	-																		
52ND FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3303	-																		
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3304	-																		
6TH FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3501	-																		
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3502	-																		
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3503	-																		
51ST FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3504	-																		
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3505	-																		
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5001	-																		
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5002	-																		
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5003	-																		
TYPICAL MULLION DETAIL FOR GLASS CLADDING	J837-GC-5004	-																		
TYPICAL TRANSOM DETAIL FOR GLASS CLADDING	J837-GC-6001	-																		
TYPICAL TRANSOM DETAIL FOR GLASS CLADDING	J837-GC-6002	-																		
TYPICAL TRANSOM DETAIL FOR GLASS CLADDING	J837-GC-6003	-																		
TYPICAL TRANSOM DETAIL FOR GLASS CLADDING	J837-GC-6004	-																		
TYPICAL TRANSOM DETAIL FOR GLASS CLADDING	J837-GC-6005	-																		
TYPICAL TRANSOM DETAIL FOR GLASS CLADDING	J837-GC-6006	-																		
TOTAL PAGES : (INCLUDING COVERPAGE AND DRAWING SUBMISSION REGISTER)	39																			

IN-HOUSE DESIGN CHECKER


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-DR01 REV. : -

GENERAL NOTES FOR GLASS CLADDING

1. DESIGN CODES :

- BUILDING (CONSTRUCTION) REGULATIONS , 1990 HONG KONG.
- CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL , 2011 HONG KONG
- CODE OF PRACTICE FOR THE STRUCTURAL USE OF CONCRETE, 2013 HONG KONG
- CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004.
- BS 8118 – THE STRUCTURAL USE OF ALUMINIUM , PART I – 1991.
- BS 6262 –CODE OF PRACTICE FOR GLAZING OF BUILDING – 2005.
- BS EN 10088: 2005 STAINLESS STEELS.
- ALL RELEVANT CODES AND STANDARDS AS PER PROJECT TECHNICAL SPECIFICATIONS.
- CODE OF PRACTICE FOR DEAD AND IMPOSED LOAD 2011

2. DESIGN LOADS :

- WIND LOAD :
HEIGHT ABOVE GROUND LEVEL = 188.42mPD – 8.58mPD = 179.84m
DESIGN WIND PRESSURE FOR CURTAIN WALL
BASE WIND LOAD: 3.14 KPa
DESIGN WIND LOAD ($C_p = +1.0/-1.4$): $3.14 \times (C_p = +1.0) = 3.14 \text{ KPa}$ (FOR INWARD)
 $3.14 \times (C_p = -1.4) = -4.396 \text{ KPa}$ (FOR OUTWARD)
- IMPOSED LOAD : (FOR RESIDENTIAL FLOOR)
NONCROWDED LOAD – HORIZONTAL IMPOSED LOAD SHALL BE COMPLIED CODE OF PRACTICE FOR DEAD & IMPOSED LOADS 2011.
i) LINE 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
- DEAD LOAD :
GLASS WEIGHT: 26 kN/m²
STEEL WEIGHT: 77 kN/m²
ALUM. WEIGHT: 27.2 kN/m²

3. GLASS :

- FACIAL GLASS FOR CURTAIN WALL USED TO BE :
i) G4 : 8 mm THK. BLUE TINTED HEAT STRENGTHENED GLASS WITH BACK PAN (FOR SPANDREL ZONE)
ii) G5 : 8 mm THK. BLUE TINTED TEMPERED GLASS (FOR SPANDREL ZONE)
- FULL TEMPERED GLASS TO BE 100% HEAT SOAK TESTED IN ACCORDANCE WITH BS EN 14179-1:2005 AND PMAP APP 37.
- 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
- GLASS MATERIALS SHALL COMPLY TO BS 952:1995
- ALL GLASS UNDER 1.1m ABOVE F.F.L. SHALL BE COMPLY IMPACT TEST TO BS 6206 CLASS A.
- RESIDUAL SURFACE COMPRESSION FOR TEMPERED GLASS TO BE NOT LESS THAN 69 MPa.

4. ALUMINIUM ALLOY :

- 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.
- 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 :

- ALL STEEL MEMBERS SHALL MEET THE MINIMUM REQUIREMENTS OF BS EN10025 S275 J0 AND CLASS 1 TO C.O.P. FOR THE STRUCTURAL USE OF STEEL 2011.
- SURFACE TREATMENT SHALL BE HOT-DIP GALVANIZED COMPLIED WITH BS EN ISO 1461, 2009.
(MIN. THICKNESS = 85 MICRONS)
FOR THICKNESS "t": $t \leq 16\text{mm}$ (GRADE S275) FOR THICKNESS "t": $16\text{mm} < t \leq 40\text{mm}$ (GRADE S275)
YOUNG'S MODULUS 205,000 N/mm² YOUNG'S MODULUS 205,000 N/mm²
DENSITY 77 kN/m³ DENSITY 77 kN/m³
YIELD STRENGTH 275 N/mm² YIELD STRENGTH 265 N/mm²
TENSILE STRENGTH 275 N/mm² TENSILE STRENGTH 265 N/mm²
BENDING STRENGTH 275 N/mm² BENDING STRENGTH 265 N/mm²
SHEAR STRENGTH 158.8 N/mm² SHEAR STRENGTH 153 N/mm²

6. WELDING :

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

7. SILICONE SEALANT :

- " DOW SIL – 791 " TO BE USED AS WEATHER SEALED & CAULKING SEALANT.
- " DOW CORNING – 983 " TO BE USED AS STRUCTURAL GLAZING SEALANT.
(ALLOWABLE STRENGTH = 137.8 kPa)
UNLESS OTHERWISE INDICATED , ALL STRUCTURAL SEALANT BITE SHALL

8. GASKET & SETTING BLOCK :

- ALL GASKET USED SHALL BE DENSE EXTRUDED SANTOPRENE WITH A HARDNESS OF 60±5°.
- 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, 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 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.

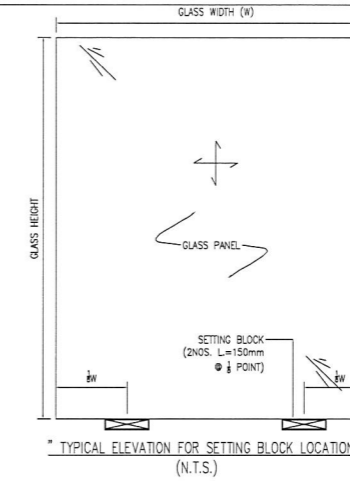
11. CONCRETE GRADE

CONCRETE STRUCTURE SHOWN IN THE SUBMISSION SHALL BE OF GRADE 45D 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		Test load(1.5 x recommended tensile load) (kN)
					Tensile (kN)	Shear (kN)	
M8x75 HST3-R	BD-AF151	64	40	50	2.5	5.2	=1.5x1.34x2.5=5.033



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 :

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

LEGEND :

- DETAIL MARK NO.
 --REFER SHEET NO.

- F.F.L. --FINISHED FLOOR LEVEL
- S.F.L. --STRUCTURAL FLOOR LEVEL
- 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

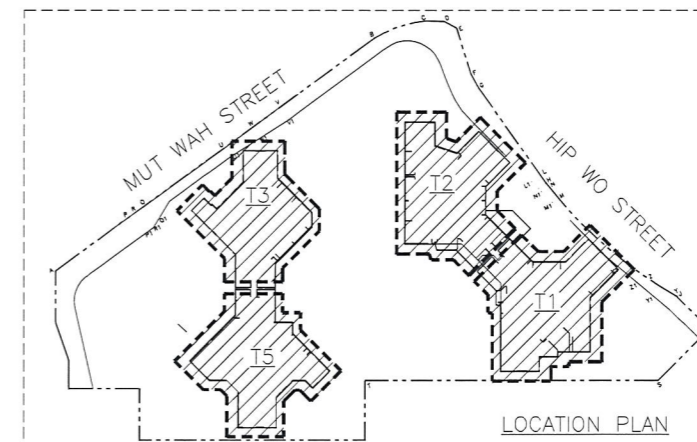
TITLE :
GENERAL NOTES
FOR GLASS CLADDING

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

DRAWN BY : ASING CHECKED BY : -

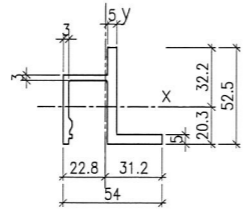
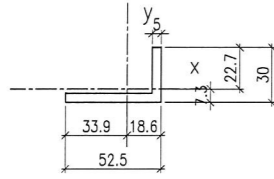
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG NO. : JB37-GC-GN01 REV. : -



A1 --- ALUMINIUM ANGLE
COATING --- PVF2 COATING
GRADE --- 6063 T6

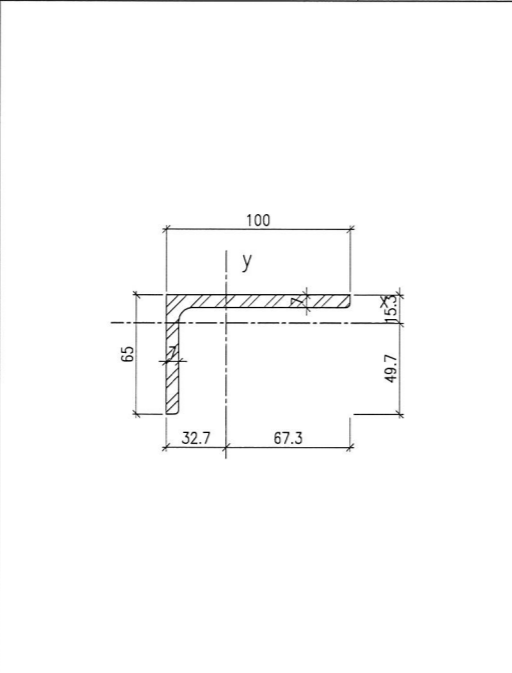
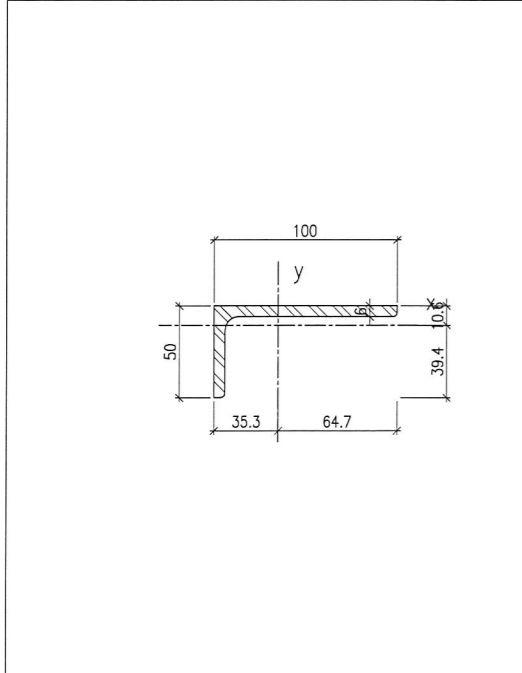
A2 --- ALUMINIUM ANGLE
COATING --- PVF2 COATING
GRADE --- 6063 T6



手繪料樣具
K.

MASS PROPERTIES (UNIT)	VALUES
Area (mm ²):	387.5
Perimeter (mm):	165.0
Bounding Box - X (mm):	-33.9 to 18.6
Bounding Box - Y (mm):	-7.3 to 22.7
Centroid - X (mm):	0.0
Centroid - Y (mm):	0.0
Moments of inertia - X (mm ⁴):	26109.7
Moments of inertia - Y (mm ⁴):	108316.7
Product of inertia - XY (mm ⁴):	30166.3
Radii of gyration - X (mm):	8.2
Radii of gyration - Y (mm):	16.7
Principal moments along X-Y (mm ⁴):	16227.9 along [1.0 0.3]
Principal moments along Y-X (mm ⁴):	118198.6 along [-0.3 1.0]
Elastic Modulus - Zx (mm ³):	I / y-max= 1152.2
Elastic Modulus - Zy (mm ³):	J / x-max= 3194.1

MASS PROPERTIES (UNIT)	VALUES
Area (mm ²):	579.0
Perimeter (mm):	285.2
Bounding Box - X (mm):	-22.8 to 31.2
Bounding Box - Y (mm):	-20.3 to 32.2
Centroid - X (mm):	0.0
Centroid - Y (mm):	0.0
Moments of inertia - X (mm ⁴):	140880.3
Moments of inertia - Y (mm ⁴):	118949.8
Product of inertia - XY (mm ⁴):	-37896.0
Radii of gyration - X (mm):	15.6
Radii of gyration - Y (mm):	14.3
Principal moments along X-Y (mm ⁴):	90464.5 along [0.6 -0.8]
Principal moments along Y-X (mm ⁴):	169365.5 along [0.8 0.6]
Elastic Modulus - Zx (mm ³):	I / y-max= 4369.2
Elastic Modulus - Zy (mm ³):	J / x-max= 3818.1

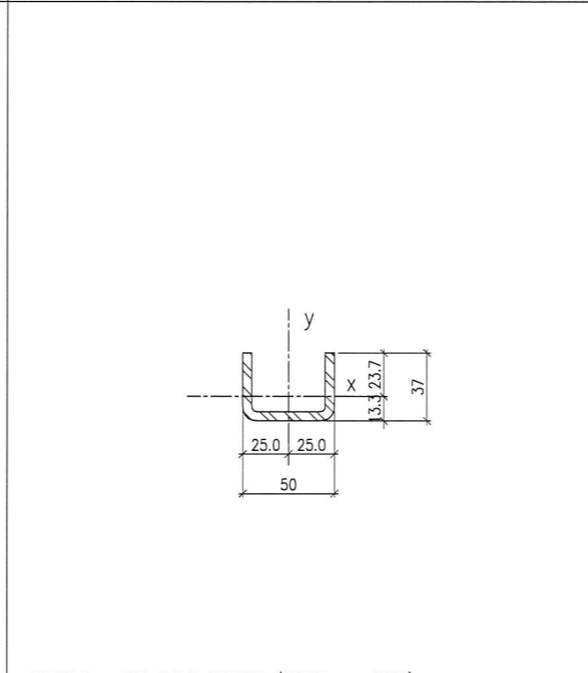


100x50x6mm THK. G.M.S ANGLE BRACKET (GRADE --- S275)

MASS PROPERTIES (UNIT)	VALUES
Area (mm ²):	872.0
Perimeter (mm):	294.9
Bounding Box - X (mm):	-35.3 to 64.7
Bounding Box - Y (mm):	-39.4 to 10.6
Centroid - X (mm):	0.0
Centroid - Y (mm):	0.0
Moments of inertia - X (mm ⁴):	157189.7
Moments of inertia - Y (mm ⁴):	907790.5
Product of inertia - XY (mm ⁴):	212691.2
Radii of gyration - X (mm):	13.4
Radii of gyration - Y (mm):	32.3
Principal moments along X-Y (mm ⁴):	101111.0 along [1.0 0.3]
Principal moments along Y-X (mm ⁴):	963869.2 along [-0.3 1.0]
Elastic Modulus - Zx (mm ³):	I / y-max= 3984.9
Elastic Modulus - Zy (mm ³):	J / x-max= 14020.5

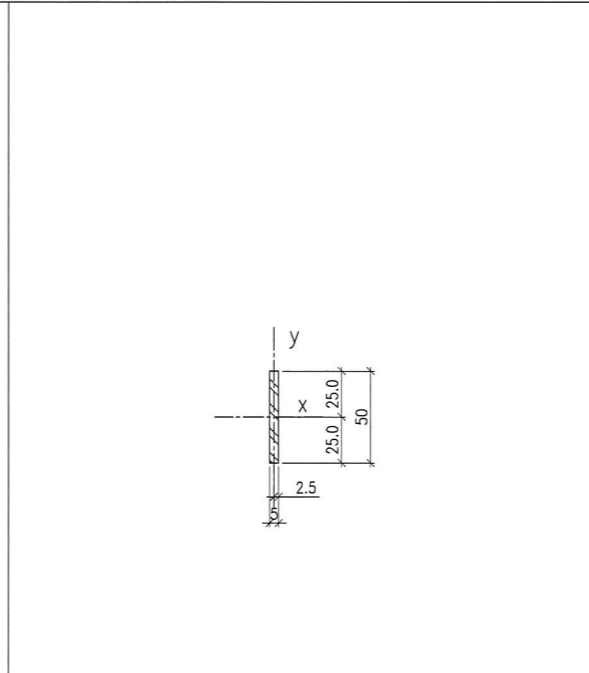
100x65x7mm THK. G.M.S ANGLE BRACKET (GRADE --- S275)

MASS PROPERTIES (UNIT)	VALUES
Area (mm ²):	1114.0
Perimeter (mm):	324.9
Bounding Box - X (mm):	-32.7 to 67.3
Bounding Box - Y (mm):	-49.7 to 15.3
Centroid - X (mm):	0.0
Centroid - Y (mm):	0.0
Moments of inertia - X (mm ⁴):	385518.6
Moments of inertia - Y (mm ⁴):	1140446.7
Product of inertia - XY (mm ⁴):	384276.6
Radii of gyration - X (mm):	18.6
Radii of gyration - Y (mm):	32.0
Principal moments along X-Y (mm ⁴):	224329.2 along [0.9 0.4]
Principal moments along Y-X (mm ⁴):	1301636.2 along [-0.4 0.9]
Elastic Modulus - Zx (mm ³):	I / y-max= 7760.2
Elastic Modulus - Zy (mm ³):	J / x-max= 16934.6



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

MASS PROPERTIES (UNIT)	VALUES
Area (mm ²):	548.5
Perimeter (mm):	229.4
Bounding Box - X (mm):	-25.0 to 25.0
Bounding Box - Y (mm):	-13.3 to 23.7
Centroid - X (mm):	0.0
Centroid - Y (mm):	0.0
Moments of inertia - X (mm ⁴):	72810.4
Moments of inertia - Y (mm ⁴):	202582.1
Product of inertia - XY (mm ⁴):	0.0
Radii of gyration - X (mm):	11.5
Radii of gyration - Y (mm):	19.2
Principal moments along X-Y (mm ⁴):	72810.4 along [1.0 0.0]
Principal moments along Y-X (mm ⁴):	202582.1 along [0.0 1.0]
Elastic Modulus - Zx (mm ³):	I / y-max= 3077.8
Elastic Modulus - Zy (mm ³):	J / x-max= 8103.3



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

MASS PROPERTIES (UNIT)	VALUES
Area (mm ²):	250.0
Perimeter (mm):	110.0
Bounding Box - X (mm):	-2.5 to 2.5
Bounding Box - Y (mm):	-25.0 to 25.0
Centroid - X (mm):	0.0
Centroid - Y (mm):	0.0
Moments of inertia - X (mm ⁴):	52082.4
Moments of inertia - Y (mm ⁴):	520.8
Product of inertia - XY (mm ⁴):	0.0
Radii of gyration - X (mm):	14.4
Radii of gyration - Y (mm):	1.4
Principal moments along X-Y (mm ⁴):	52082.4 along [1.0 0.0]
Principal moments along Y-X (mm ⁴):	520.8 along [0.0 1.0]
Elastic Modulus - Zx (mm ³):	I / y-max= 2083.3
Elastic Modulus - Zy (mm ³):	

手繪料樣具

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

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 --- DETAIL MARK NO.
X001 --- REFER SHEET NO.
1. F.F.L. --- FINISHED FLOOR LEVEL
2. S.F.L. --- STRUCTURAL FLOOR LEVEL
3. /P --- 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

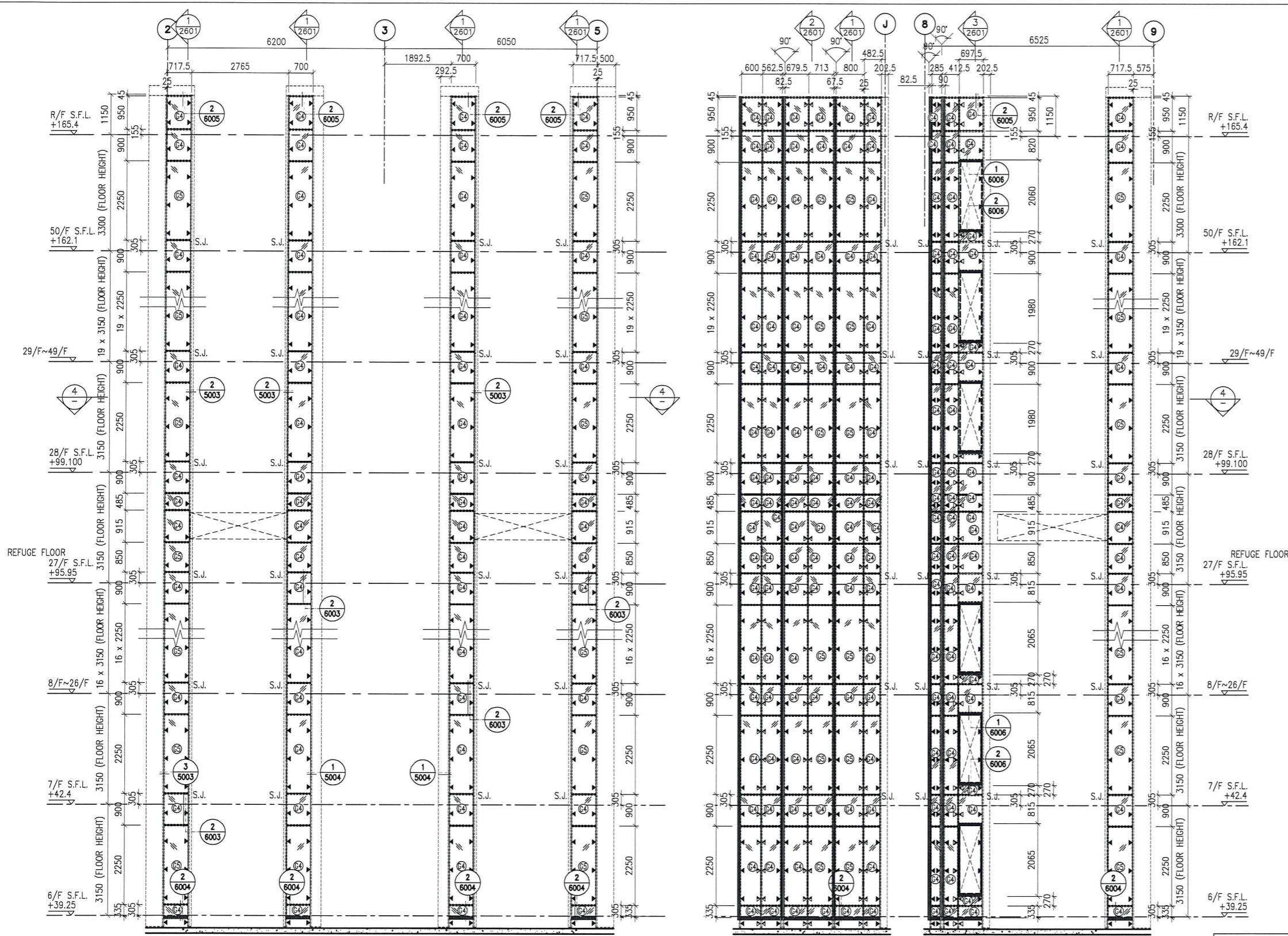
TITLE :
DIE LIST
FOR GLASS CLADDING

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)27727666

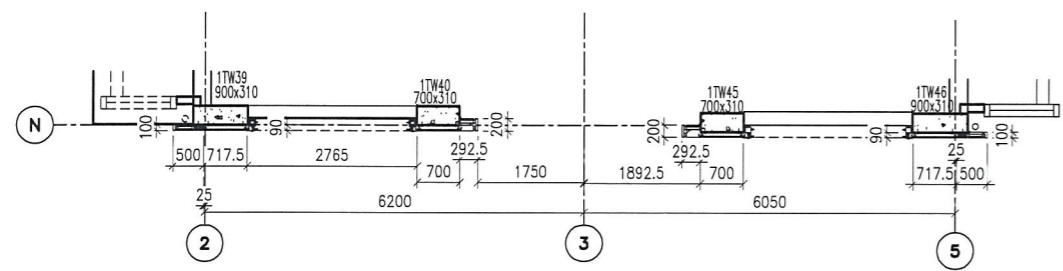
DWG NO. : JB37-GC-MLO1 REV. : -



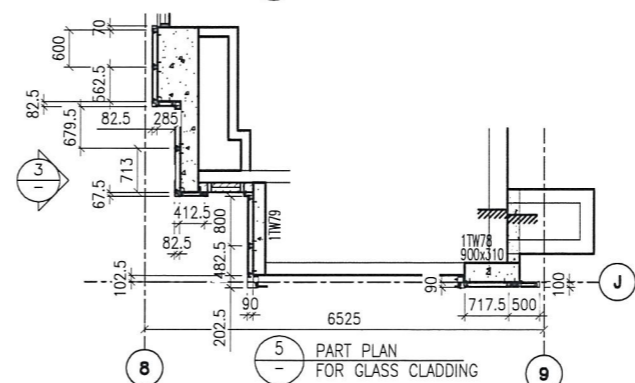
1 PART ELEVATION FOR GLASS CLADDING

3 PART ELEVATION FOR GLASS CLADDING

4 PART ELEVATION FOR GLASS CLADDING



2 PART PLAN FOR GLASS CLADDING



5 PART PLAN FOR GLASS CLADDING

- LEGEND:**
- 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
 - 8 mm THK. TEMPERED BLUE TINTED GLASS
 - 100x65x7mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 - 100x65x7mm 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 (MAX. @900c/c)
 - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-Y12 STEEL BAR (BOND LENGTH=200mm)
 - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-Y12 STEEL BAR (BOND LENGTH=200mm)
 - S.J. - 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

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 - 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

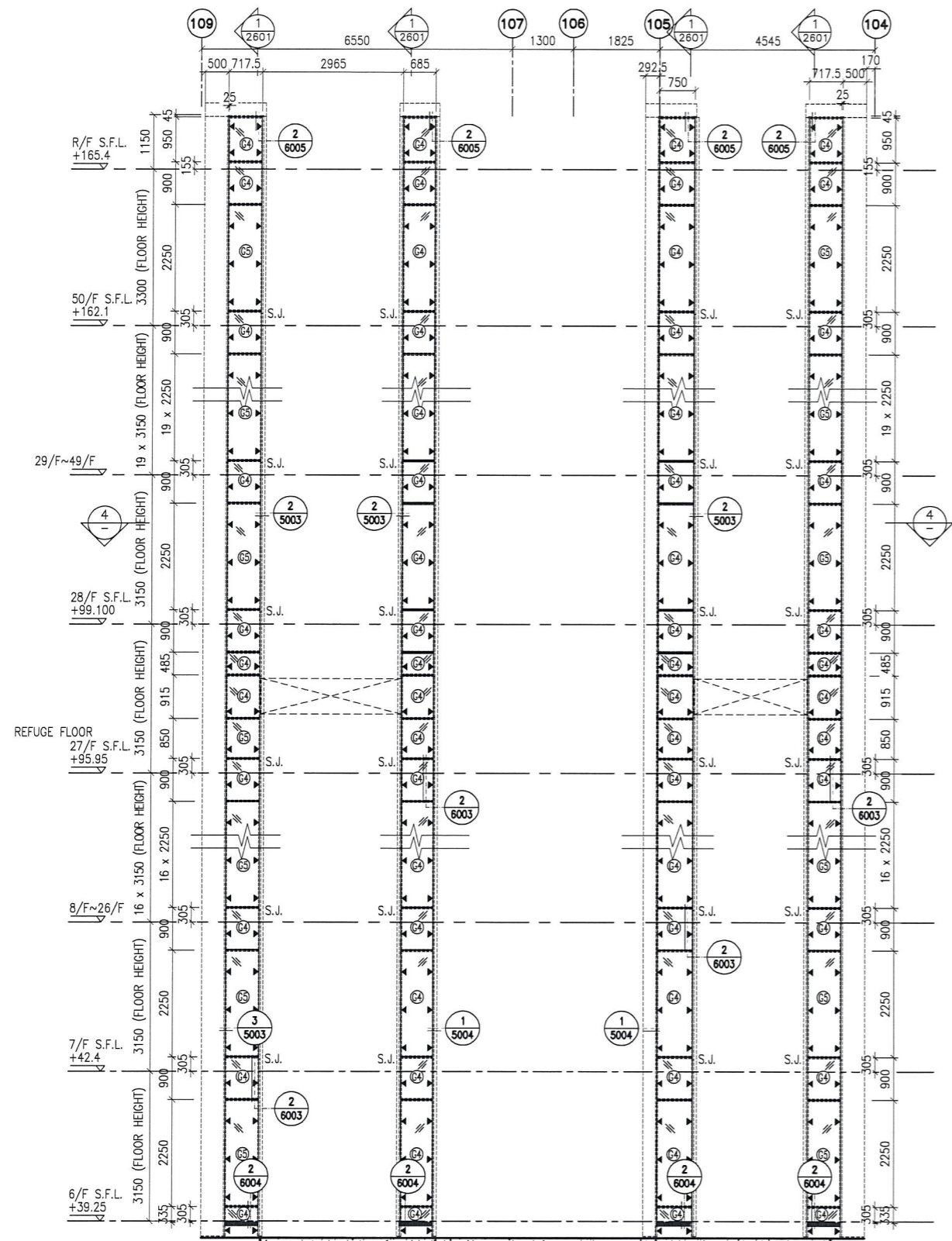
TITLE : PART ELEVATION OF GLASS CLADDING AT TOWER 1

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

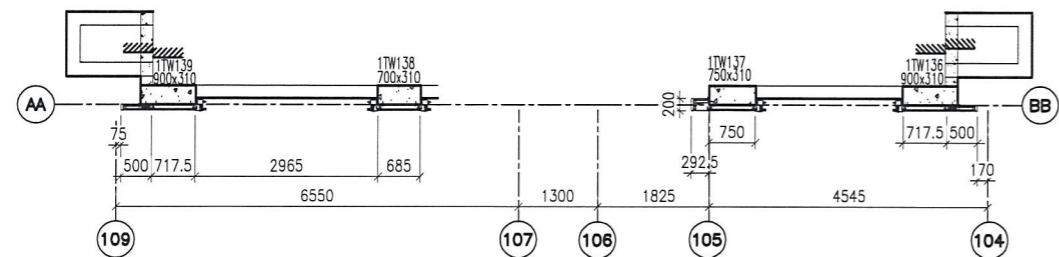
DRAWN BY : ASING CHECKED BY : -

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)2727666

DWG NO. : J837-GC-2101 REV. : -



1 PART ELEVATION FOR GLASS CLADDING



2 PART PLAN FOR 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. (∇) -- 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 :
 PART ELEVATION
 OF GLASS CLADDING
 AT TOWER 1

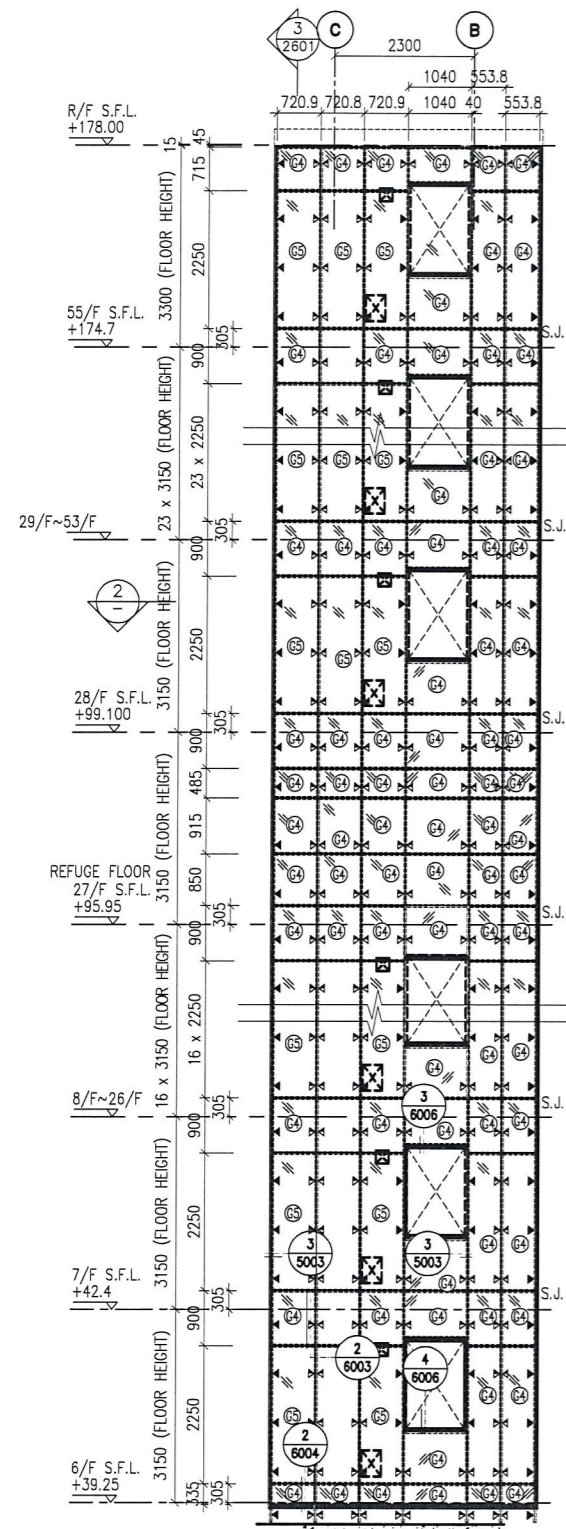
DATE : 04-JUL-18 SCALE : 1:60 (A1)

DRAWN BY : ASING CHECKED BY : -

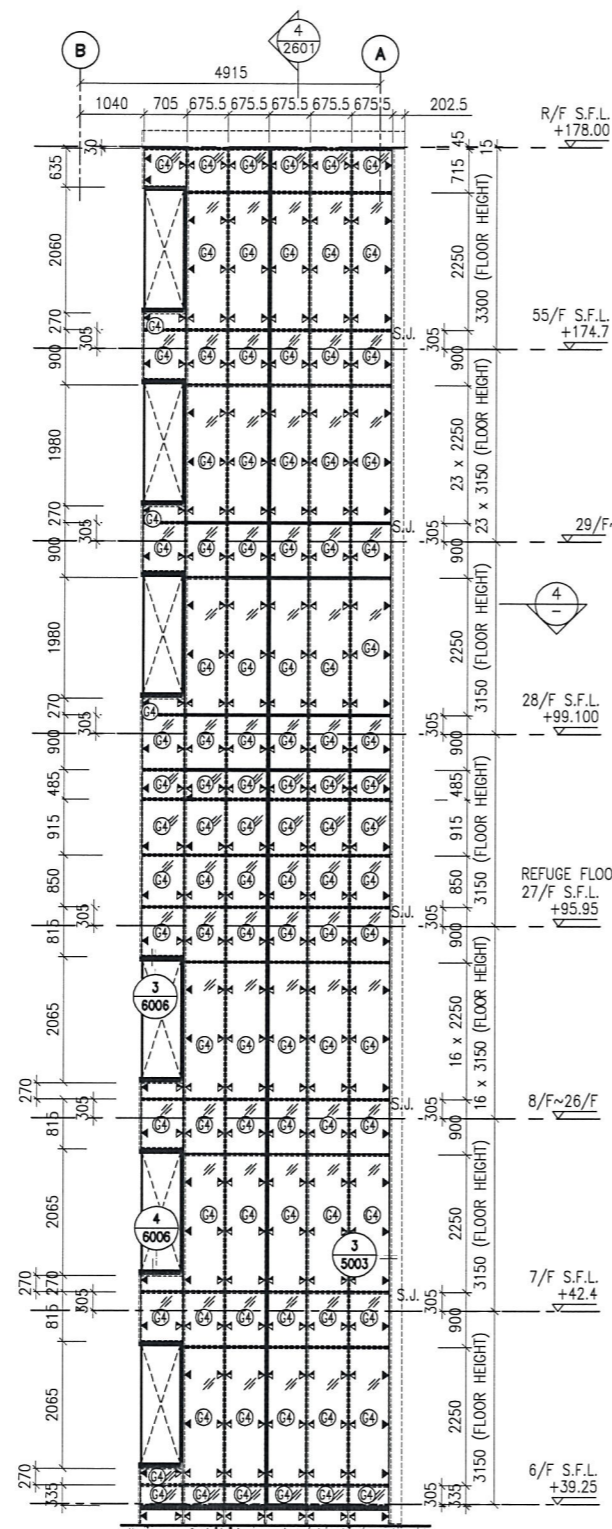
美特鋁質有限公司
 MIDI ALUMINUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cho Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27727666

DWG NO. : J837-GC-2102 REV. : -

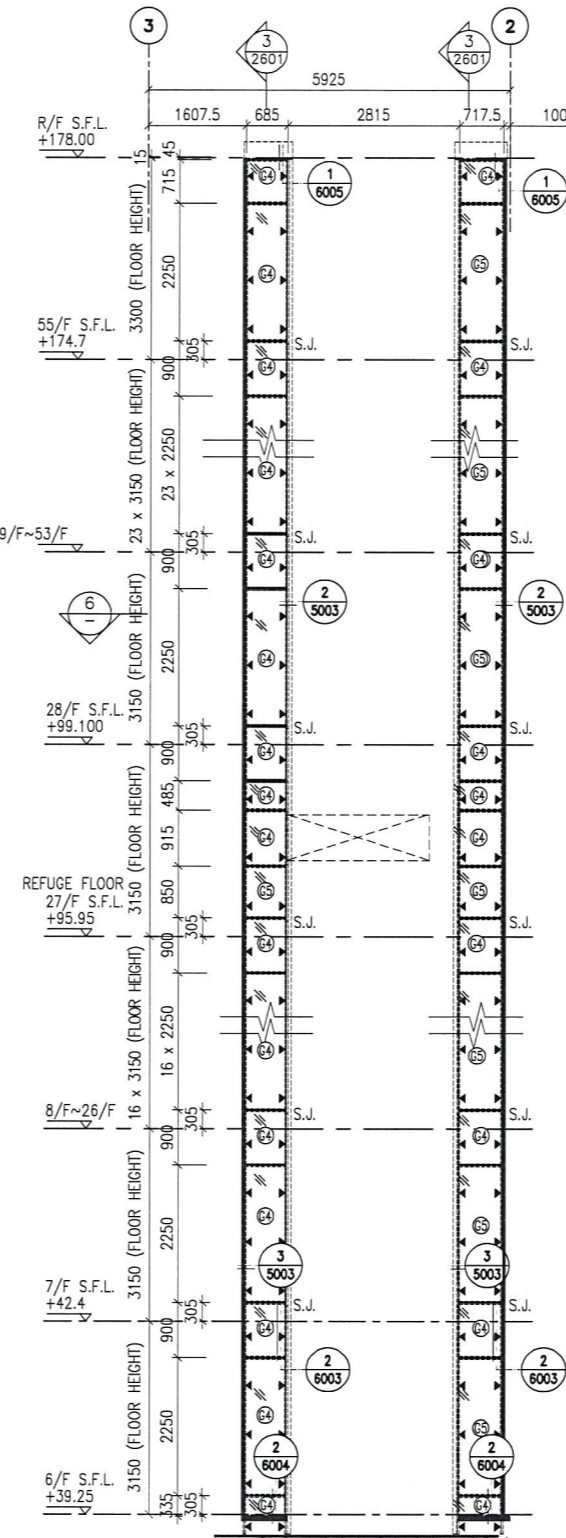
- LEGEND:
- 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
 - 8 mm THK. TEMPERED BLUE TINTED GLASS
 - 100x65x7mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 - 100x65x7mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-Y12 STEEL BAR (BOND LENGTH=200mm)
 - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-Y12 STEEL BAR (BOND LENGTH=200mm)
 - S.J. - STACK JOINT
 - 3 mm THK. ALUM. CLADDING



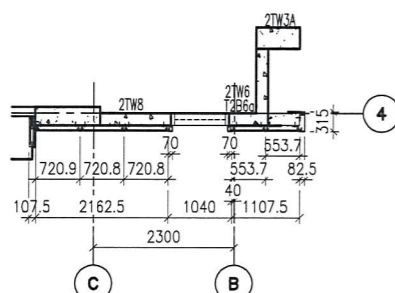
1 PART ELEVATION FOR GLASS CLADDING



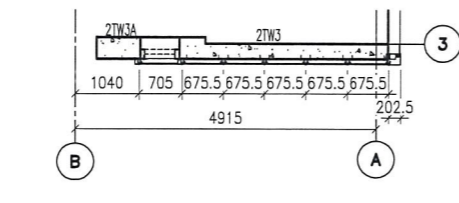
3 PART ELEVATION FOR GLASS CLADDING



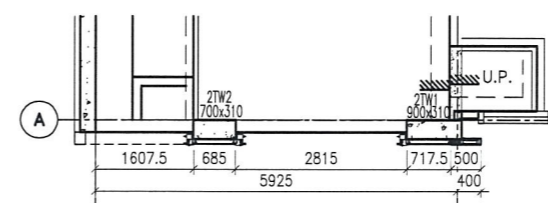
5 PART ELEVATION FOR GLASS CLADDING



2 PART PLAN FOR CURTAIN WALL



4 PART PLAN FOR CURTAIN WALL



6 PART PLAN FOR CURTAIN WALL

- LEGEND:**
- 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
 - 8 mm THK. TEMPERED BLUE TINTED GLASS
 - 100x65x7mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 - 100x65x7mm 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 (MAX. @900c/c)
 - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-Y12 STEEL BAR (BOND LENGTH=200mm)
 - 3 mm THK. ALUM. CLADDING
 - S.J. - STACK JOINT

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

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 :
 - DETAIL MARK NO.
 - REFER SHEET NO.
 1. F.F.L. -- FINISHED FLOOR LEVEL
 2. S.F.L. -- STRUCTURAL FLOOR LEVEL
 3. -- 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

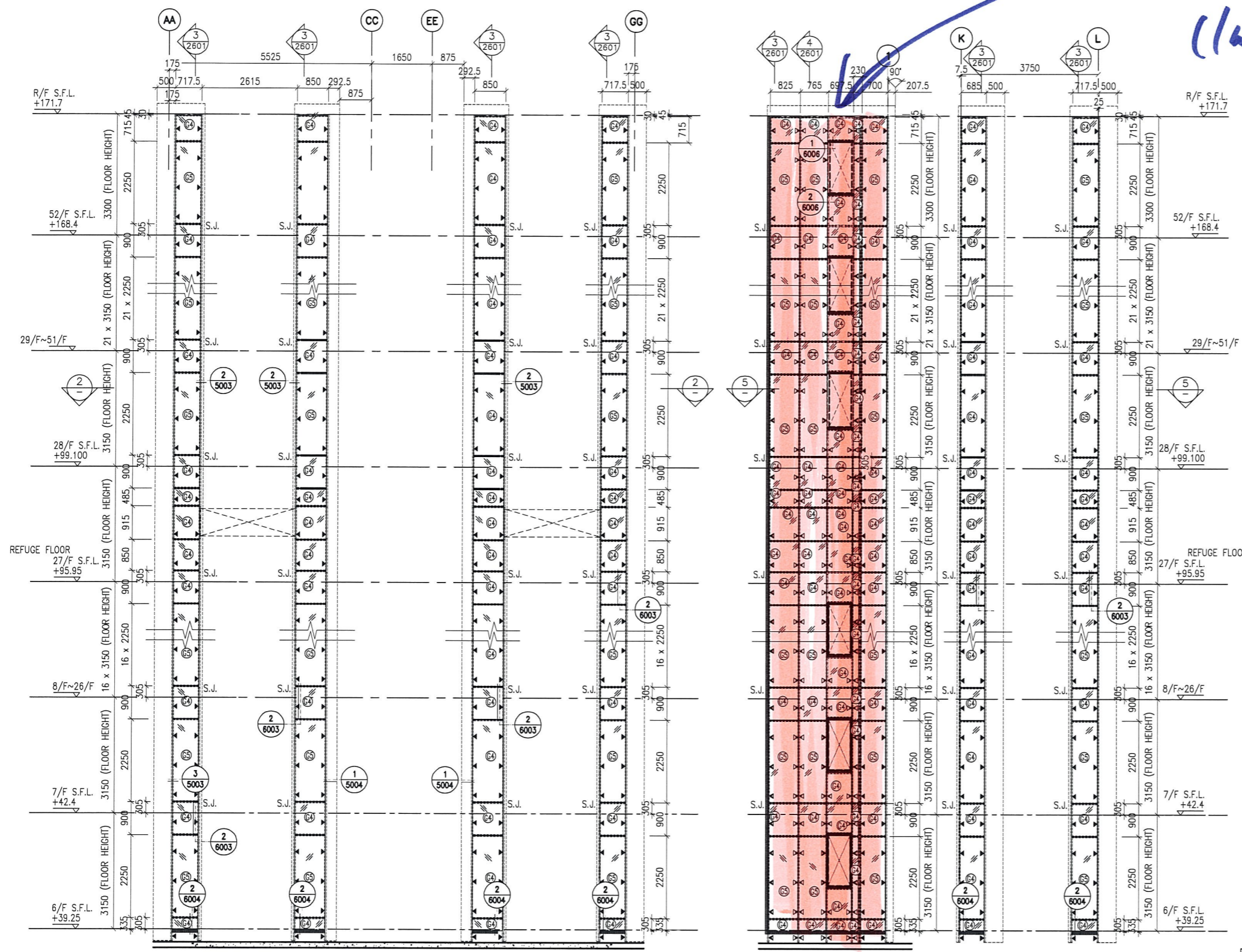
TITLE :
 PART ELEVATION
 OF GLASS CLADDING
 AT TOWER 2

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

美特鋁質有限公司
 MIDI ALUMINUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2772666

DWG NO. : J837-GC-2202 REV. : -

Glass Cladding
 在律沙
 T3 (F)



1 PART ELEVATION FOR GLASS CLADDING
 2 PART PLAN FOR GLASS CLADDING
 3 PART ELEVATION FOR GLASS CLADDING
 4 PART ELEVATION FOR GLASS CLADDING
 5 PART PLAN FOR GLASS CLADDING

- LEGEND:
- (A) - 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
 - (B) - 8 mm THK. TEMPERED BLUE TINTED GLASS
 - ▲ - 100x65x7mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 - ▲ - 100x65x7mm 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 (MAX. @900c/c)
 - ▲ - 100x50x6mm 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=200mm) W/ 2NOS-Y12 STEEL BAR (BOND LENGTH=200mm)
 - ▲ - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-Y12 STEEL BAR (BOND LENGTH=200mm)
 - S.J. - 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

FAÇADE CONSULTANT : AECOM

NOTE :

- ALL DIMENSIONS ARE IN mm.
- ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
- 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

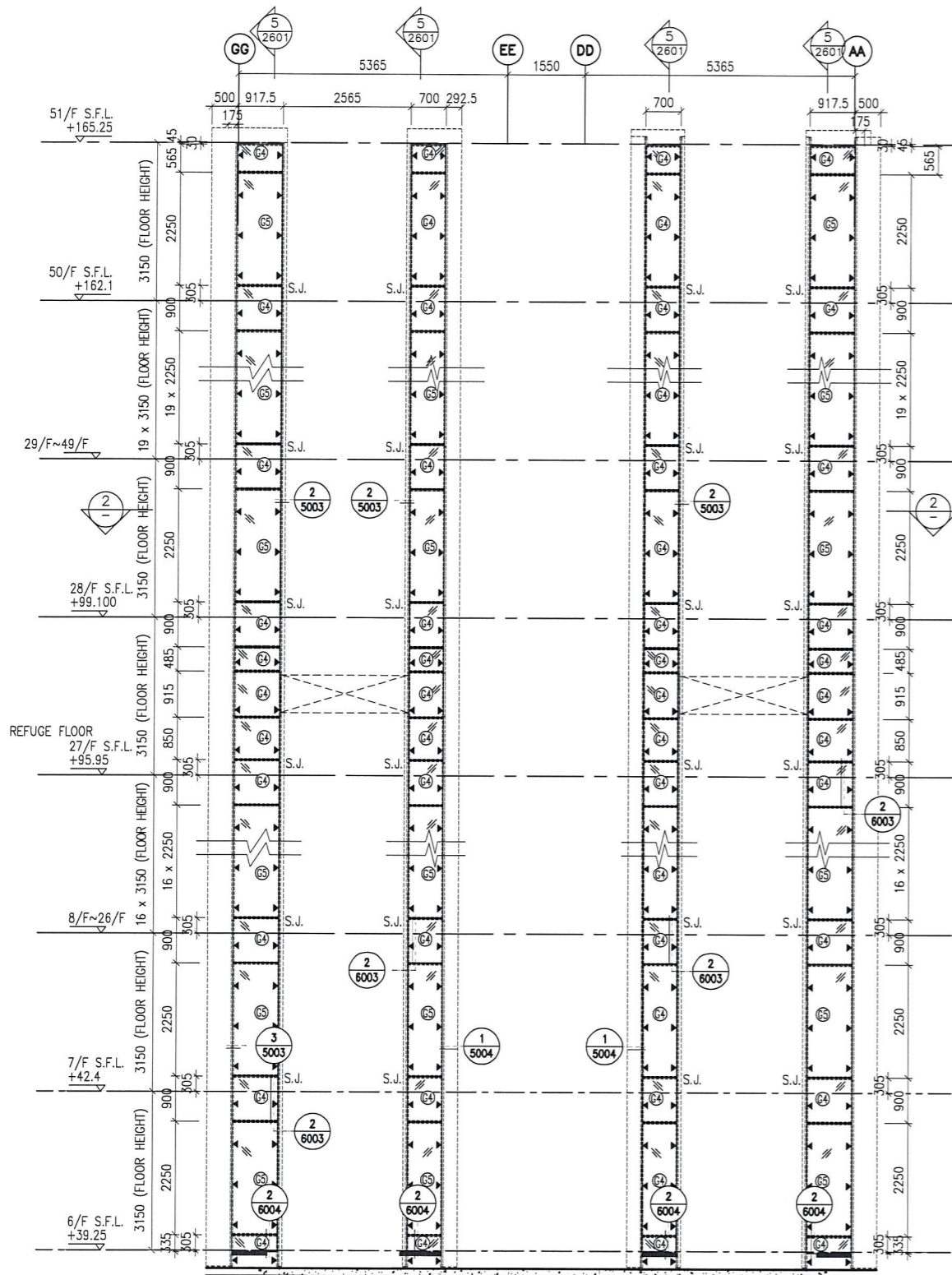
TITLE : PART ELEVATION OF GLASS CLADDING AT TOWER 3

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

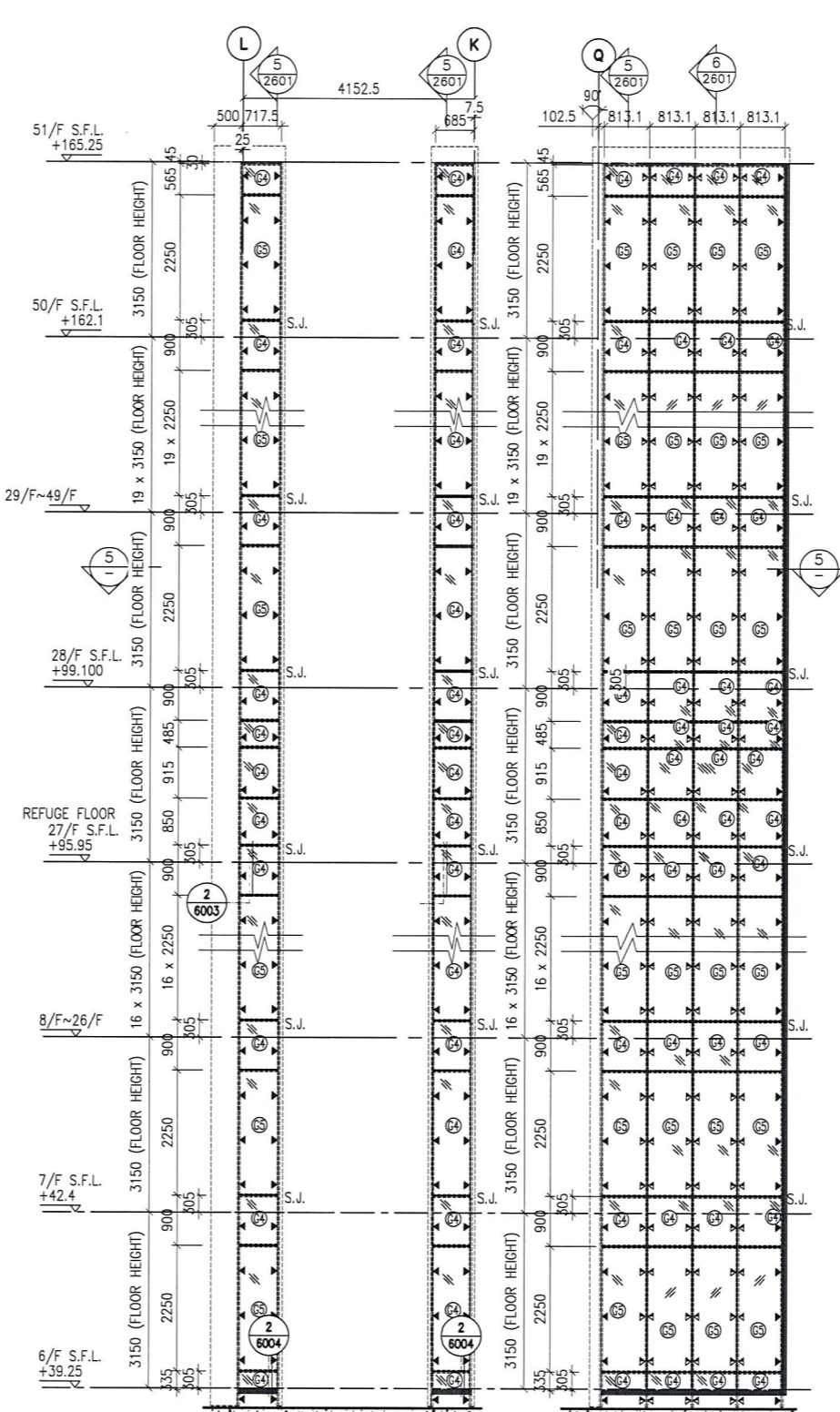
DRAWN BY : ASING CHECKED BY : -

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

DWG NO. : J837-GC-2301 REV. : -

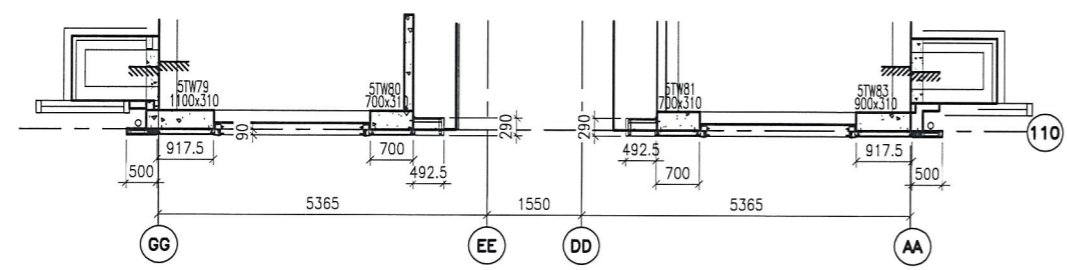


1 PART ELEVATION FOR GLASS CLADDING

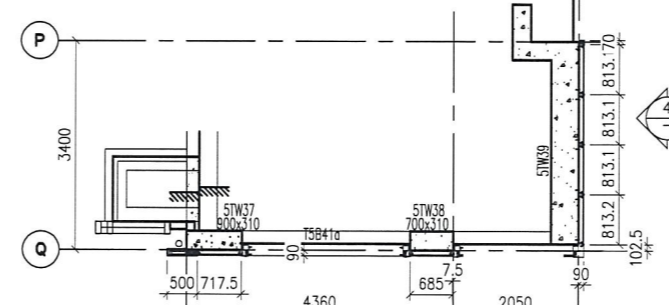


3 PART ELEVATION FOR GLASS CLADDING

4 PART ELEVATION FOR GLASS CLADDING



2 PART PLAN FOR GLASS CLADDING



5 PART PLAN FOR GLASS CLADDING

- LEGEND:**
- 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
 - 8 mm THK. TEMPERED BLUE TINTED GLASS
 - 100x65x7mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 - 100x65x7mm 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 (MAX. @900c/c)
 - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 - 3 mm THK. ALUM. CLADDING
 - S.J. - STACK JOINT

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

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 - 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

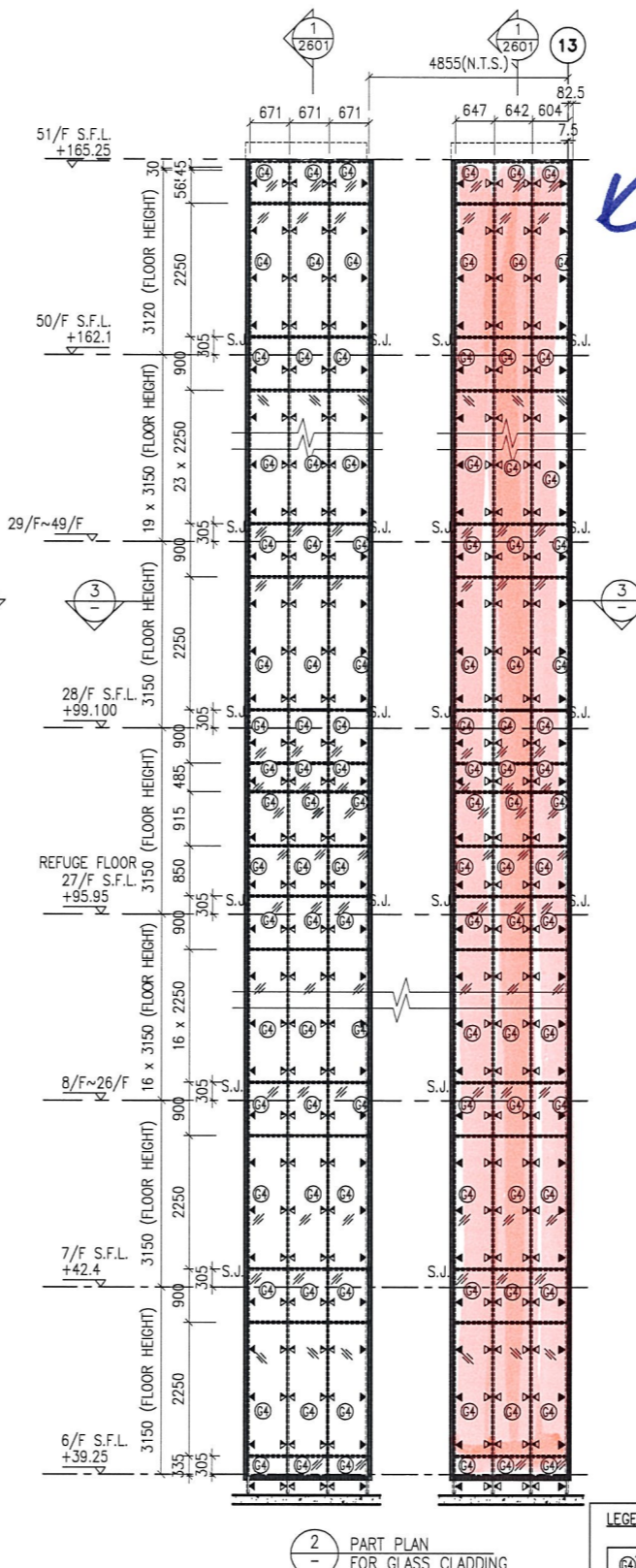
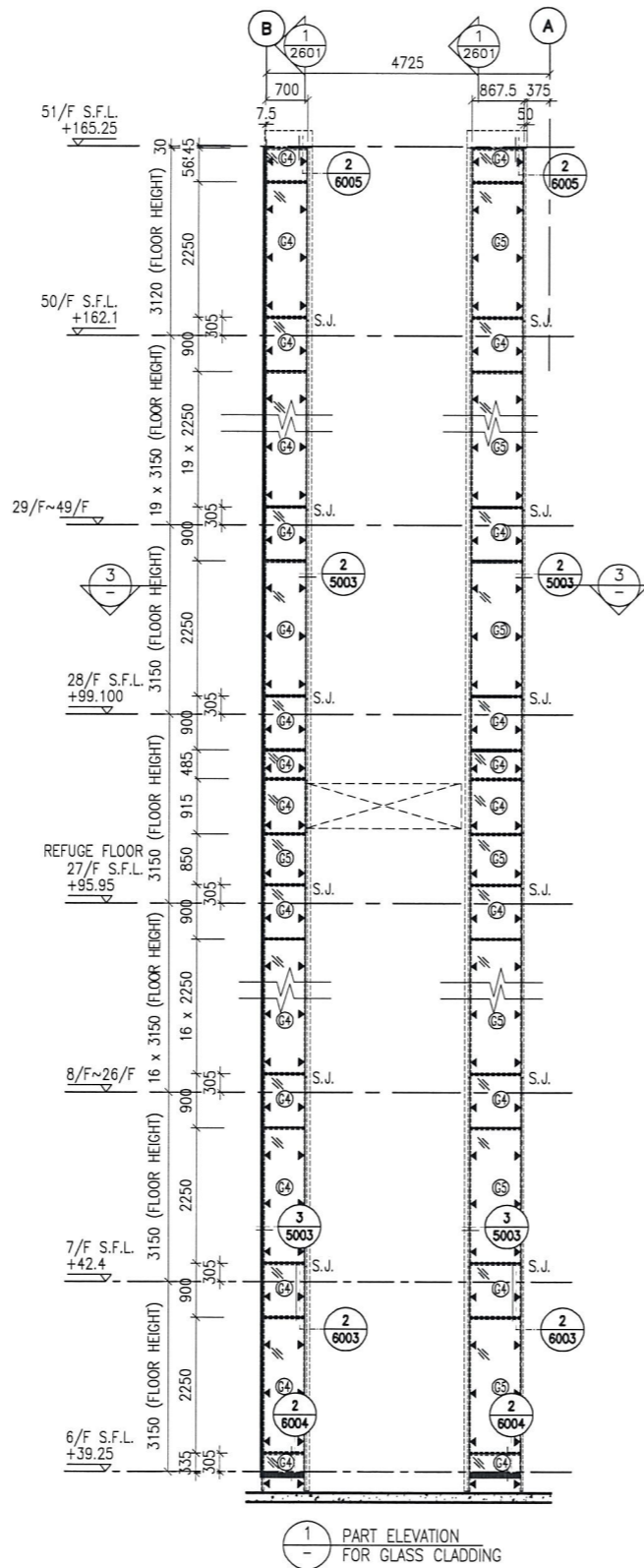
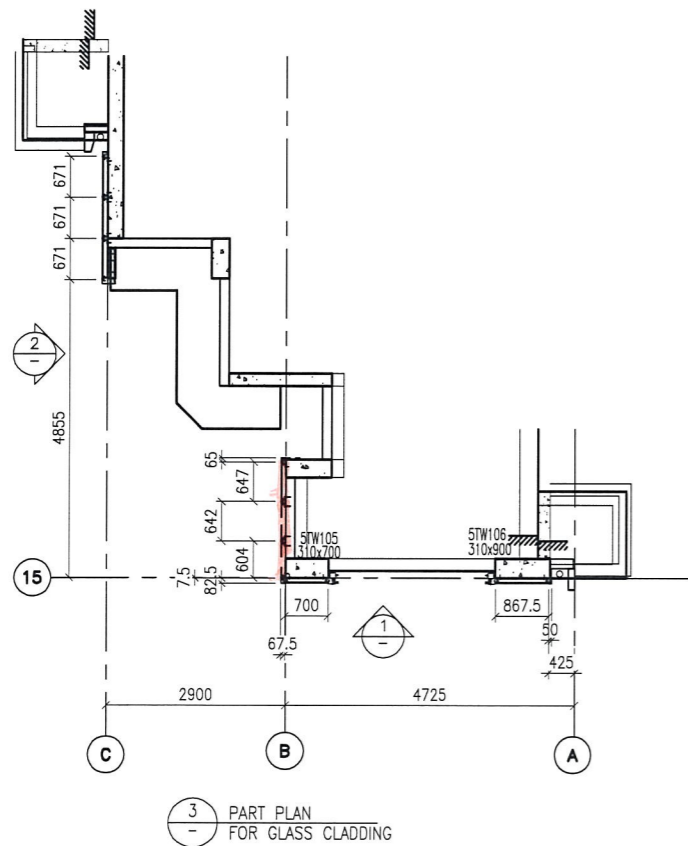
JOB NO. : J-837
 PROJECT :
 URA KWUN TONG TOWN CENTRE
 REDEVELOPMENT (AREA 2 & 3) AT
 NKIL 6514, KWUN TONG, KWLOON

TITLE :
 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 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. : JB37-GC-2501 REV. : -



*pre-cast
glass
calculations*

7514

- LEGEND:**
- 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
 - 8 mm THK. TEMPERED BLUE TINTED GLASS
 - 100x65x7mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 - 100x65x7mm 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 (MAX. @900c/c)
 - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-Y12 STEEL BAR (BOND LENGTH=200mm)
 - 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO-Y12 STEEL BAR (BOND LENGTH=200mm)
 - S.J.** - 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 :

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

LEGEND :

- DETAIL MARK NO.
- REFER SHEET NO.

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

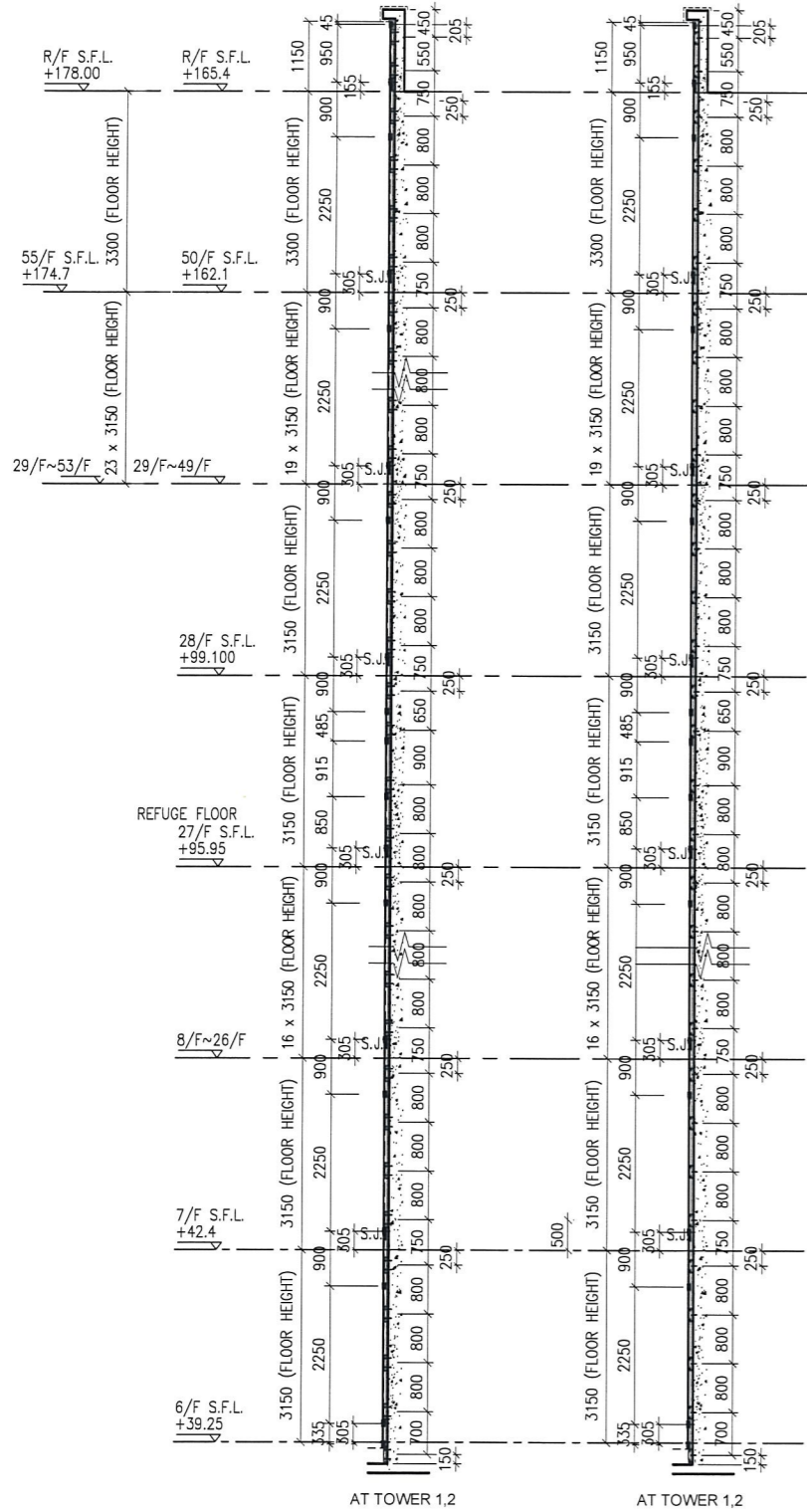
TITLE : PART ELEVATION OF GLASS CLADDING AT TOWER 5

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

DRAWN BY : ASING CHECKED BY : -

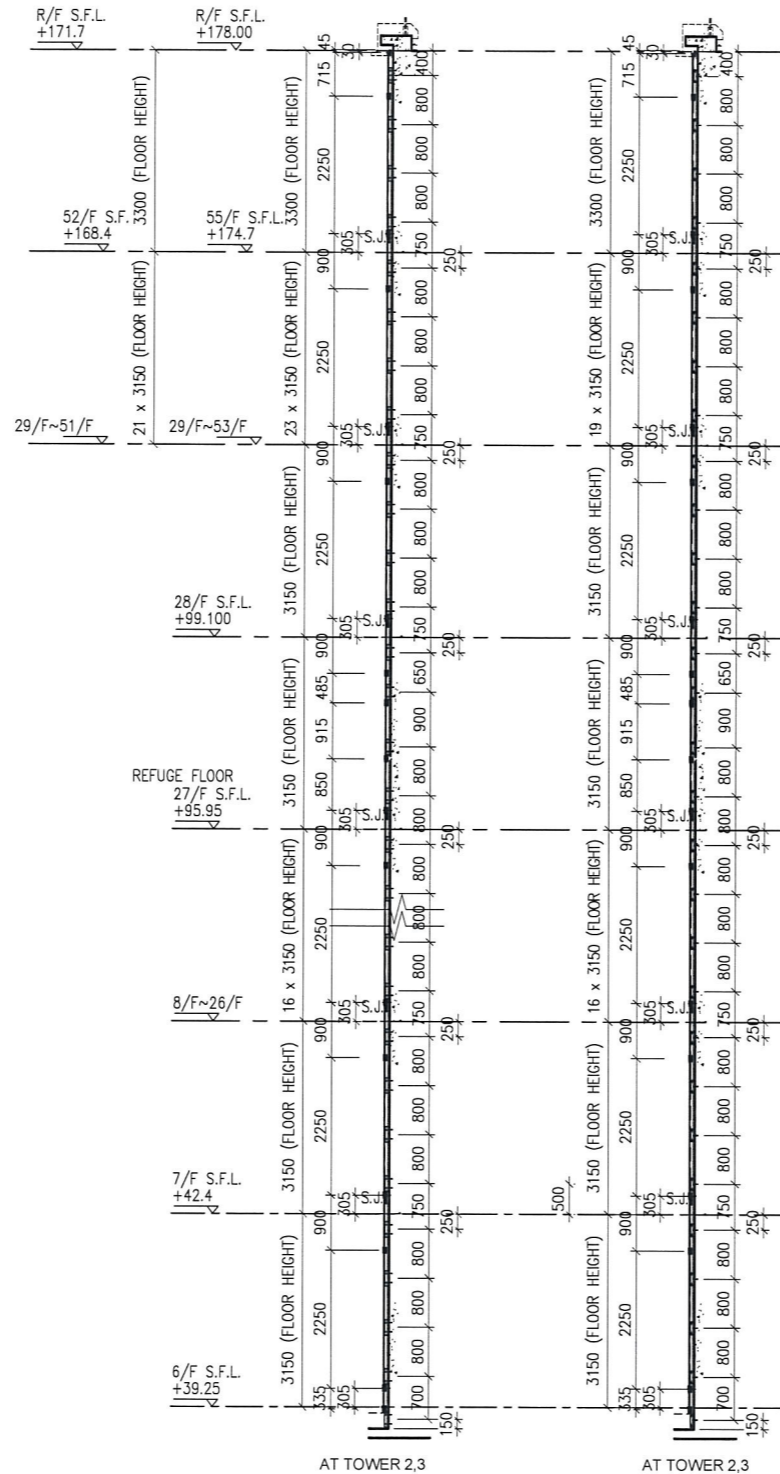
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27727666

DWG NO. : J837-GC-2502 REV. : -



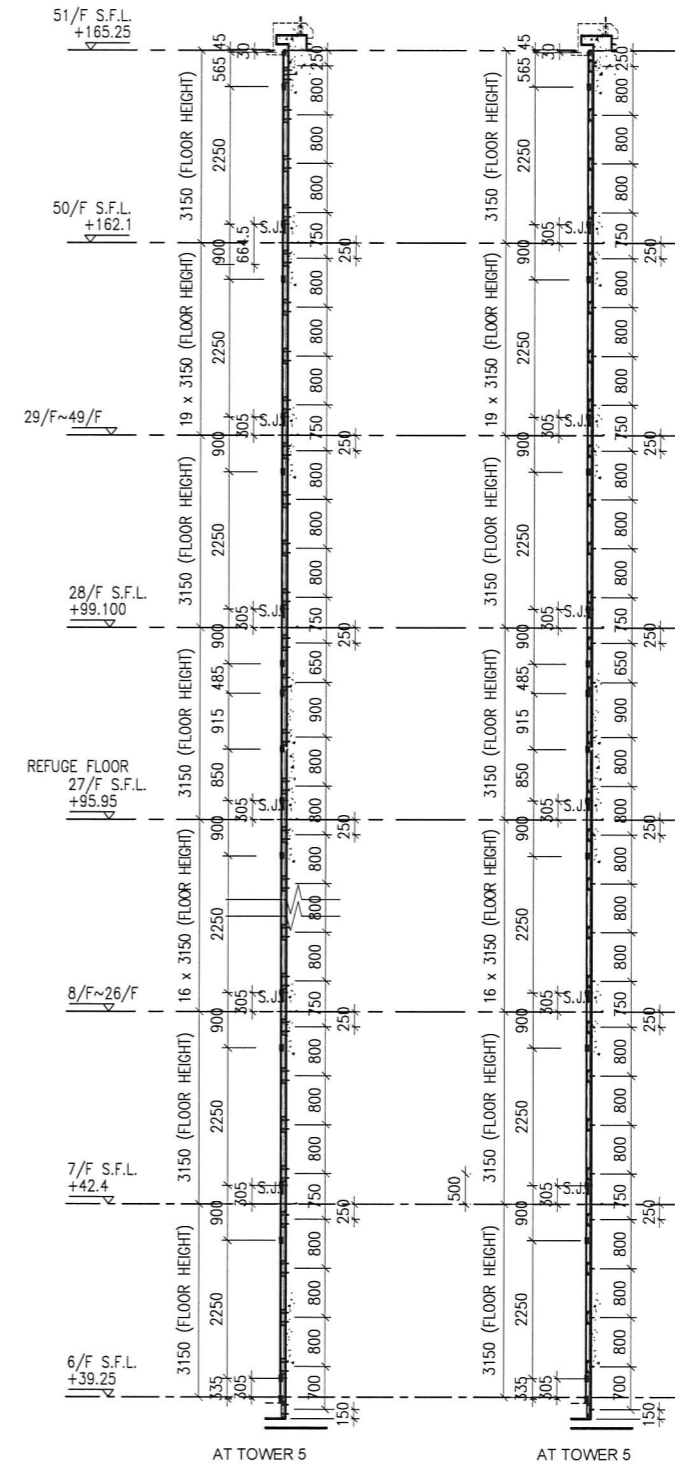
1 TYPICAL SECTION FOR CURTAIN WALL

2 TYPICAL SECTION FOR CURTAIN WALL



3 TYPICAL SECTION FOR CURTAIN WALL

4 TYPICAL SECTION FOR CURTAIN WALL



5 TYPICAL SECTION FOR CURTAIN WALL

6 TYPICAL SECTION FOR CURTAIN WALL

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

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) 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

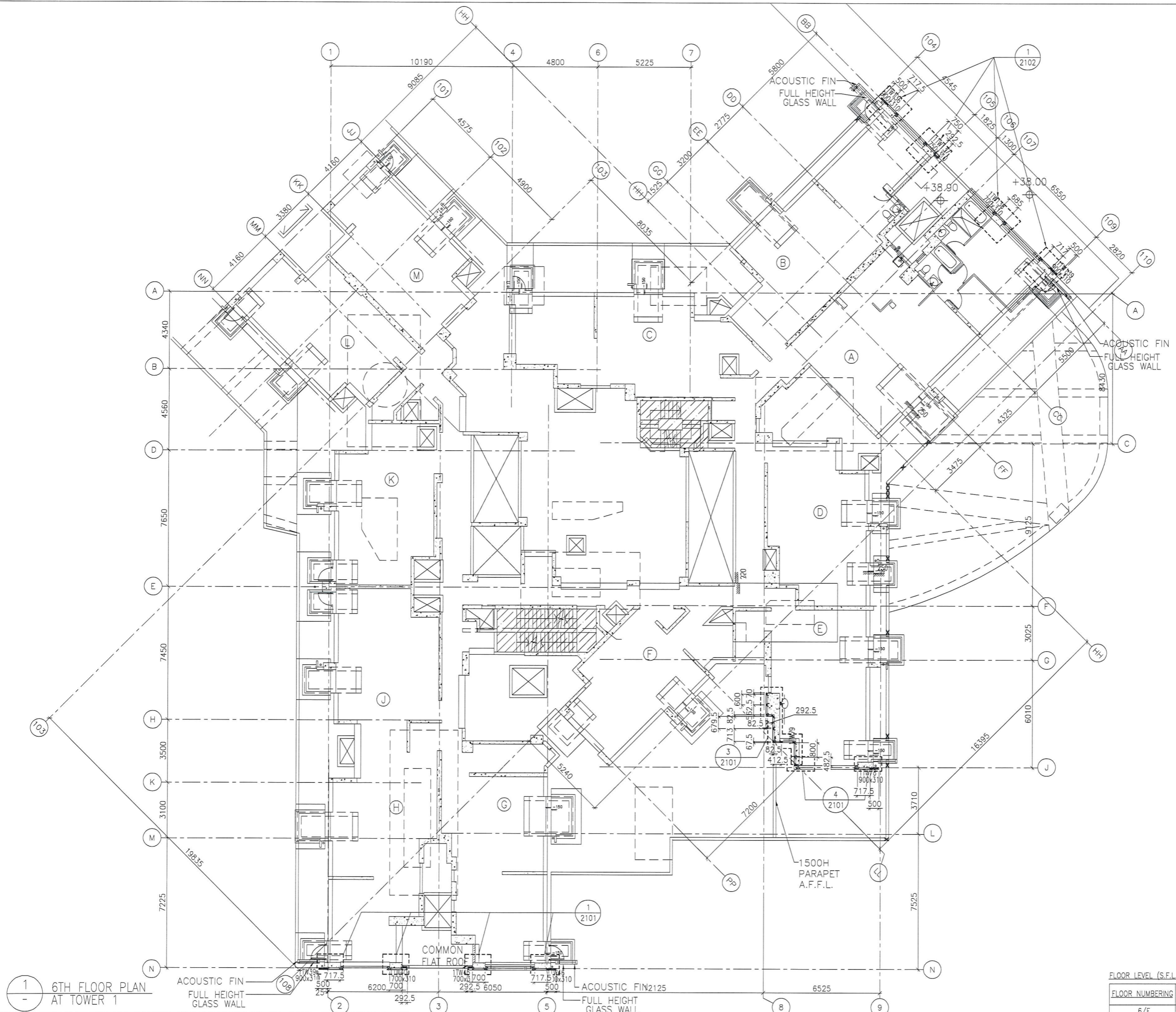
TITLE :
TYPICAL SECTION
OF GLASS CLADDING

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) 2727666

DWG NO. : JB37-GC-2601 REV. : -



1
-
6TH FLOOR PLAN
AT TOWER 1

ACOUSTIC FIN FULL HEIGHT GLASS WALL
COMMON FLAT ROOF
ACOUSTIC FIN FULL HEIGHT GLASS WALL

FLOOR NUMBERING	LEVEL (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 :
 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

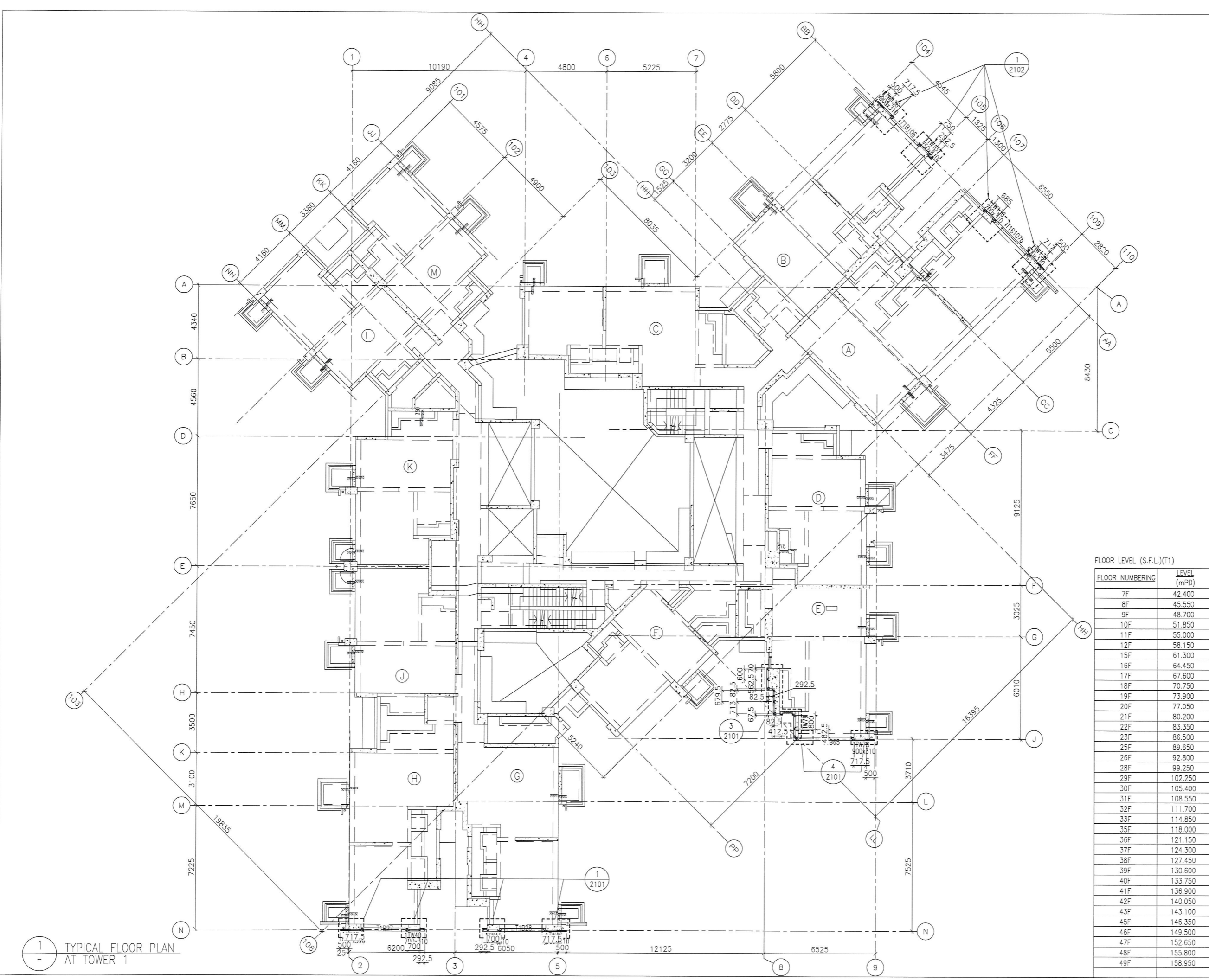
JOB NO. : J-837
 PROJECT :
 URA KWUN TONG TOWN CENTRE
 REDEVELOPMENT (AREA 2 & 3) AT
 NKIL 6514, KWUN TONG, KWLOON

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

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

DRAWN BY : ASING CHECKED BY : -

英特鋁質有限公司
 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. : JB37-GC-3101 REV. : -



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 :
 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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LEGEND :
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 X001 -- REFER SHEET NO.

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

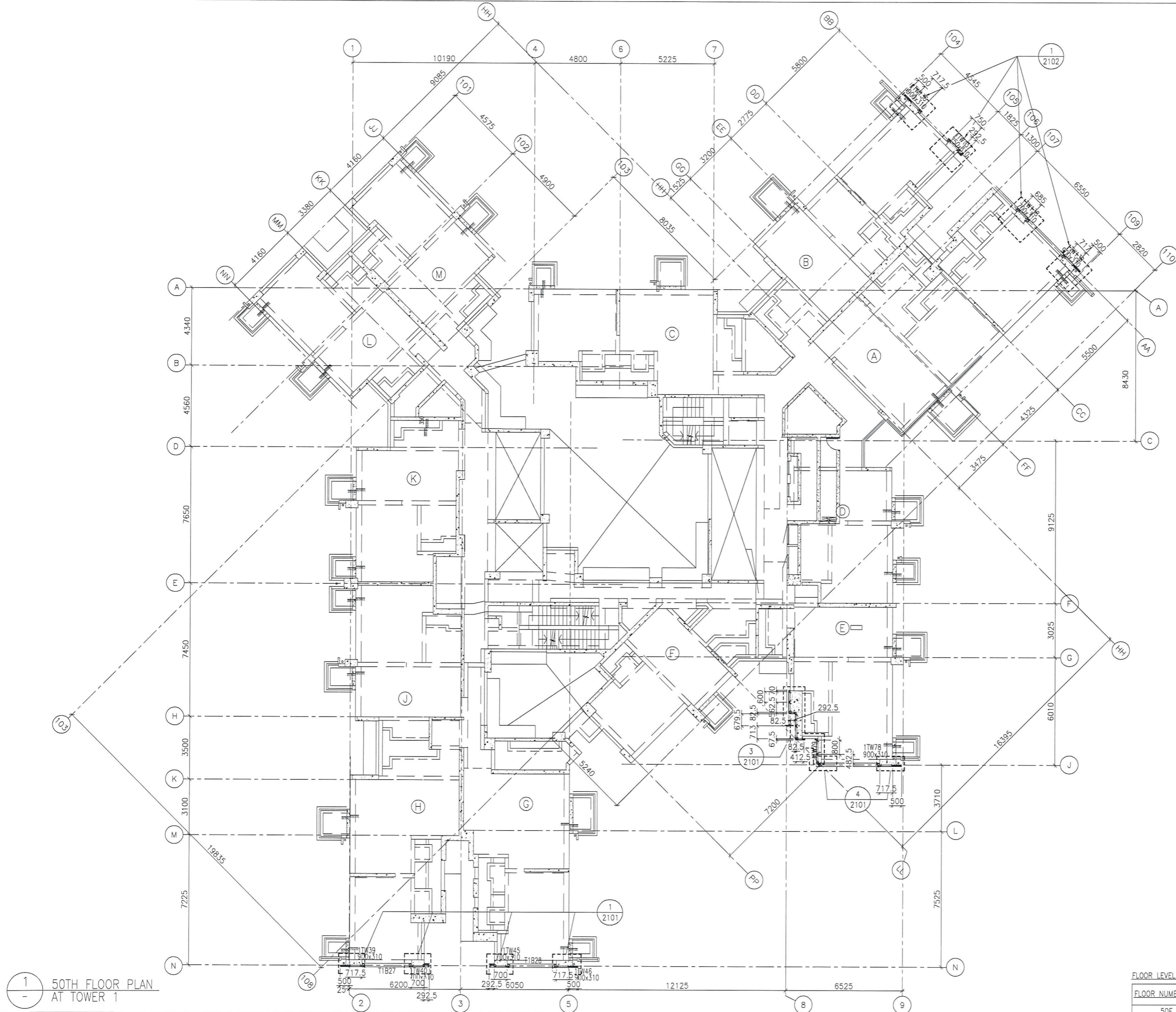
PROJECT :
 URA KWUN TONG TOWN CENTRE
 REDEVELOPMENT (AREA 2 & 3) AT
 NKIL 6514, KWUN TONG, KWLOON

TITLE :
 TYPICAL FLOOR PLAN
 OF GLASS CLADDING
 AT TOWER 1

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

DRAWN BY : ASING CHECKED BY : -


英特鋁質有限公司
 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. : JB37-GC-3102 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 :
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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

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

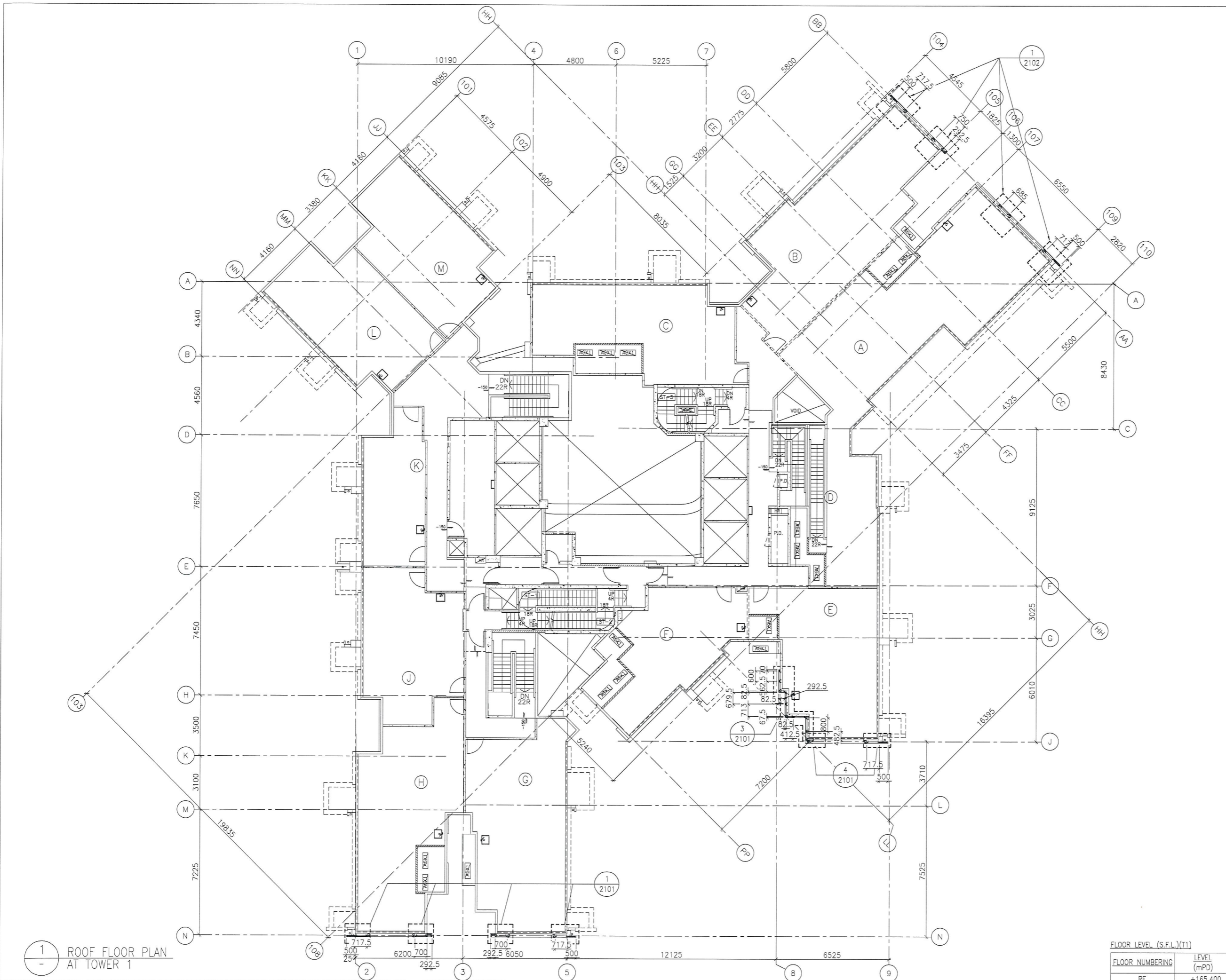
TITLE :
 50TH FLOOR PLAN
 OF GLASS CLADDING
 AT TOWER 1

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) 2727666
 DWG NO. : JB37-GC-3103 REV. : -

1 50TH FLOOR PLAN
 OF GLASS CLADDING
 AT TOWER 1

FLOOR LEVEL (S.F.L.)(T1)	
FLOOR NUMBERING	LEVEL (mPD)
50F	+162.100



1 ROOF FLOOR PLAN
- AT TOWER 1

FLOOR NUMBERING	LEVEL (mPD)
RF	+165.400

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 :
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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

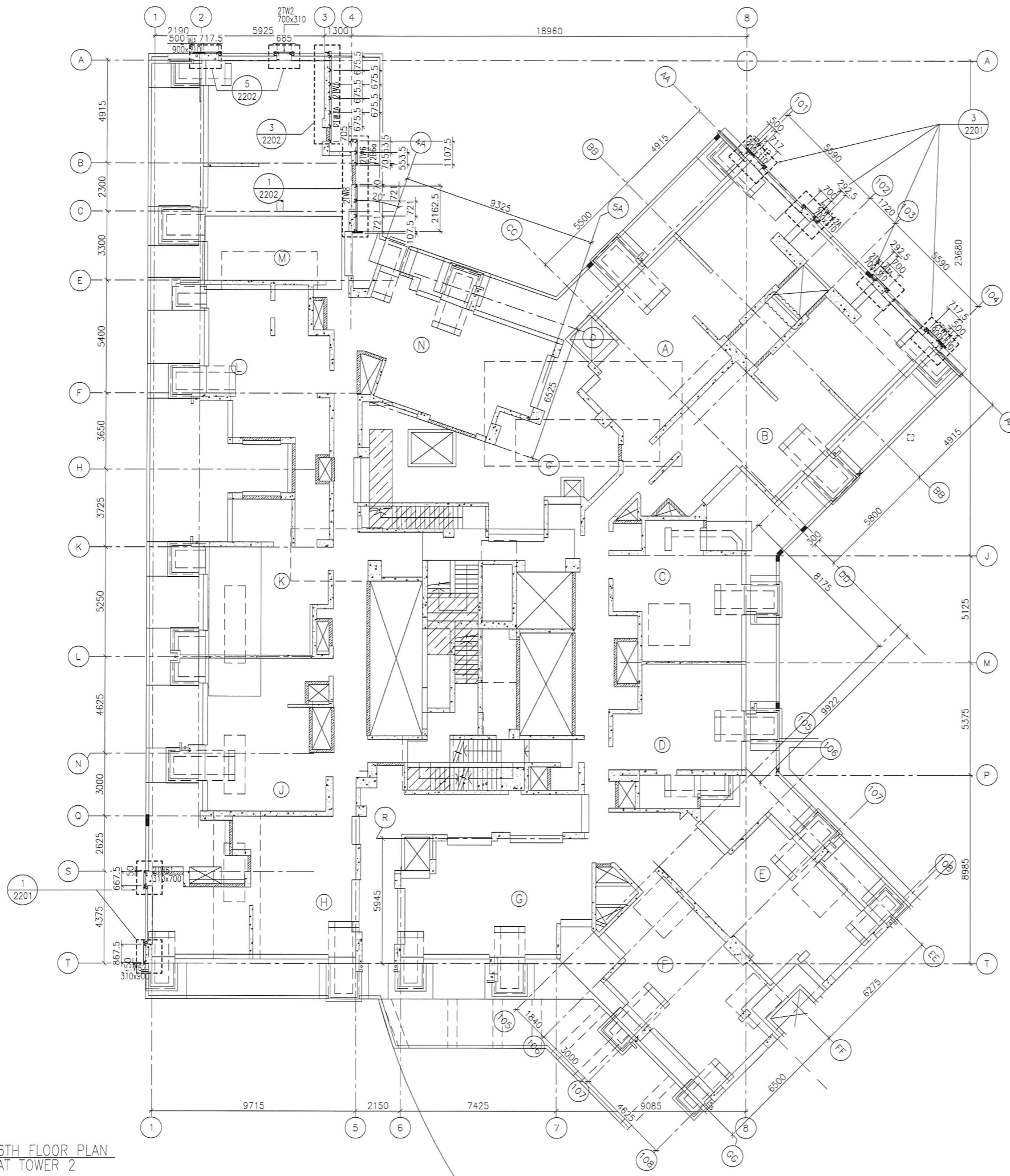
JOB NO. : J-837
 PROJECT :
 URA KWUN TONG TOWN CENTRE
 REDEVELOPMENT (AREA 2 & 3) AT
 NKIL 6514, KWUN TONG, KWLOON

TITLE :
 ROOF FLOOR PLAN
 OF GLASS CLADDING
 AT TOWER 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. : JB37-GC-3104 REV. : -



1 6TH FLOOR PLAN
- AT TOWER 2

FLOOR LEVEL (S.F.L.)(T2)	
FLOOR NUMBERING	LEVEL (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 :
 AECOM

FACADE CONSULTANT:
 AECOM

NOTE :
 1. ALL DIMENSIONS ARE IN mm.
 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

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

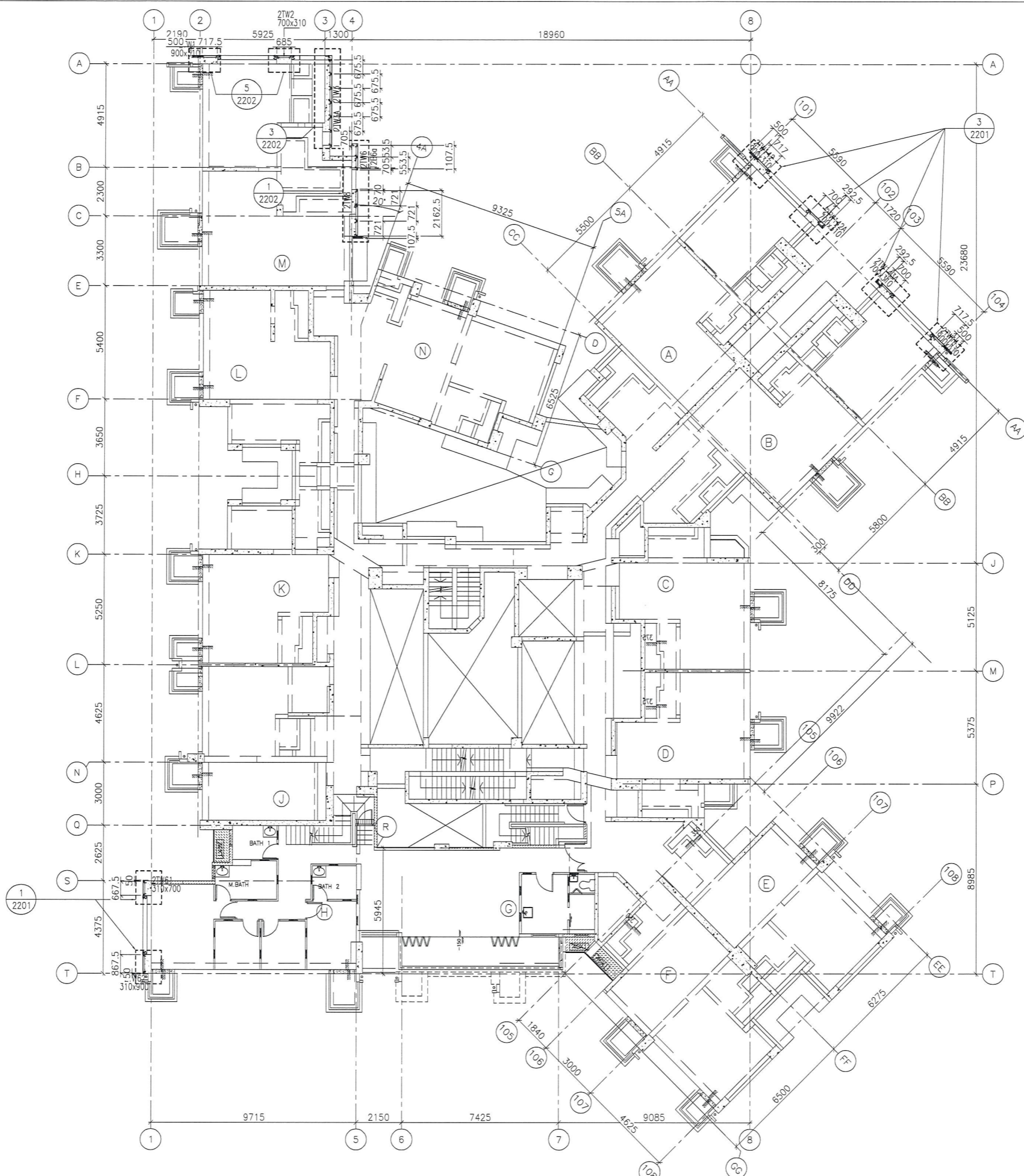
TITLE :
 6TH FLOOR PLAN
 OF GLASS CLADDING
 AT TOWER 2

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-3201 REV. : -



1 55TH FLOOR PLAN
- AT TOWER 2

FLOOR LEVEL (S.F.L.) (T2)	
FLOOR NUMBERING	LEVEL (mPD)
55F	+174.700

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

NO.	DATE	REVISED	BY

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

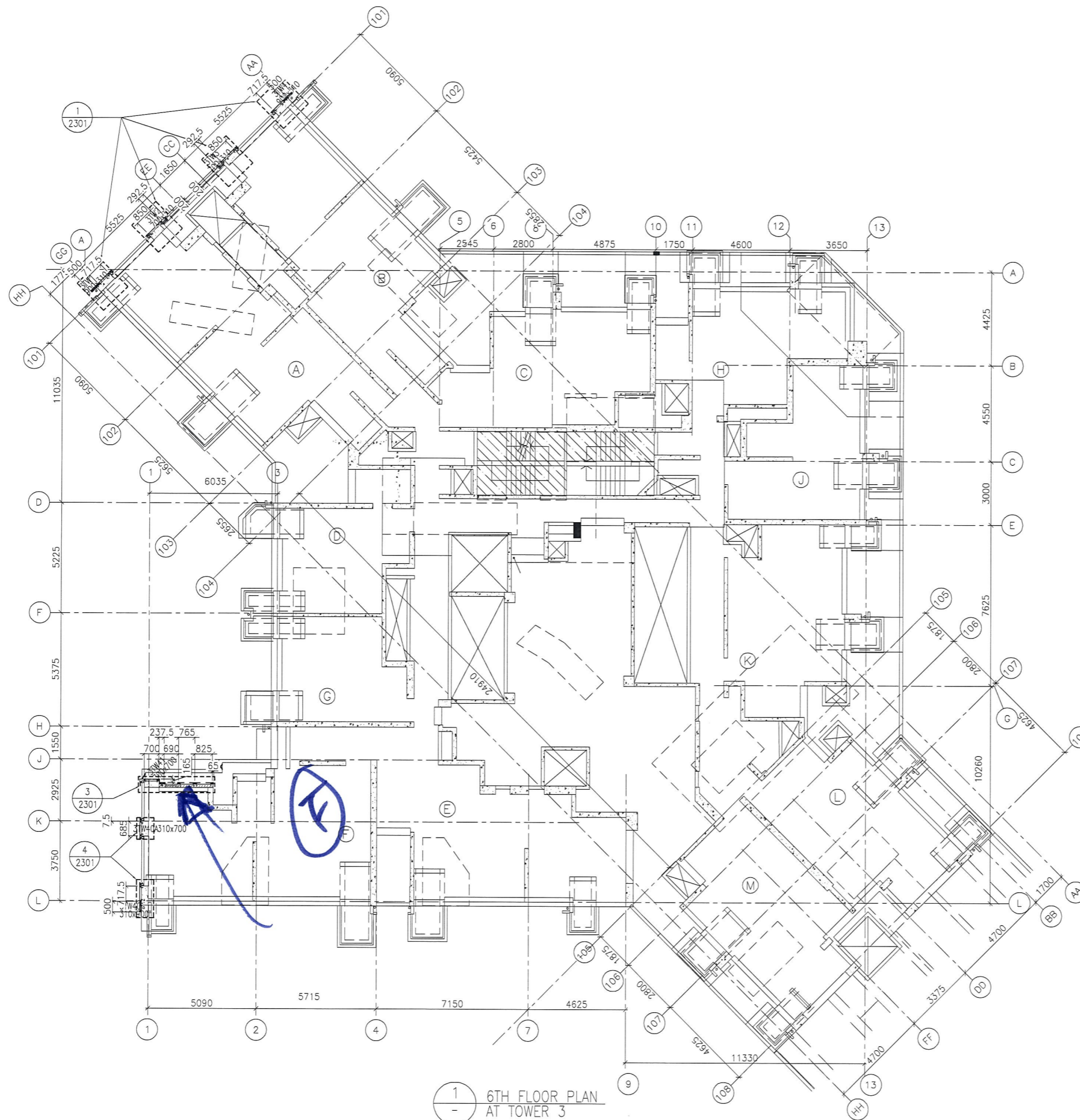
TITLE :
 55TH FLOOR PLAN
 OF GLASS CLADDING
 AT TOWER 2

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) 27727666

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



1 6TH FLOOR PLAN AT TOWER 3

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

FLOOR NUMBERING	LEVEL (mPD)
6/F	+38.900

B.D. REF :

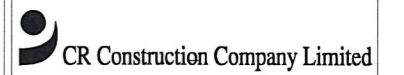
CLIENT :



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

NO.	DATE	REVISED	BY

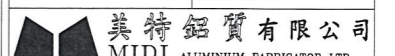
JOB NO. : J-837

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 3

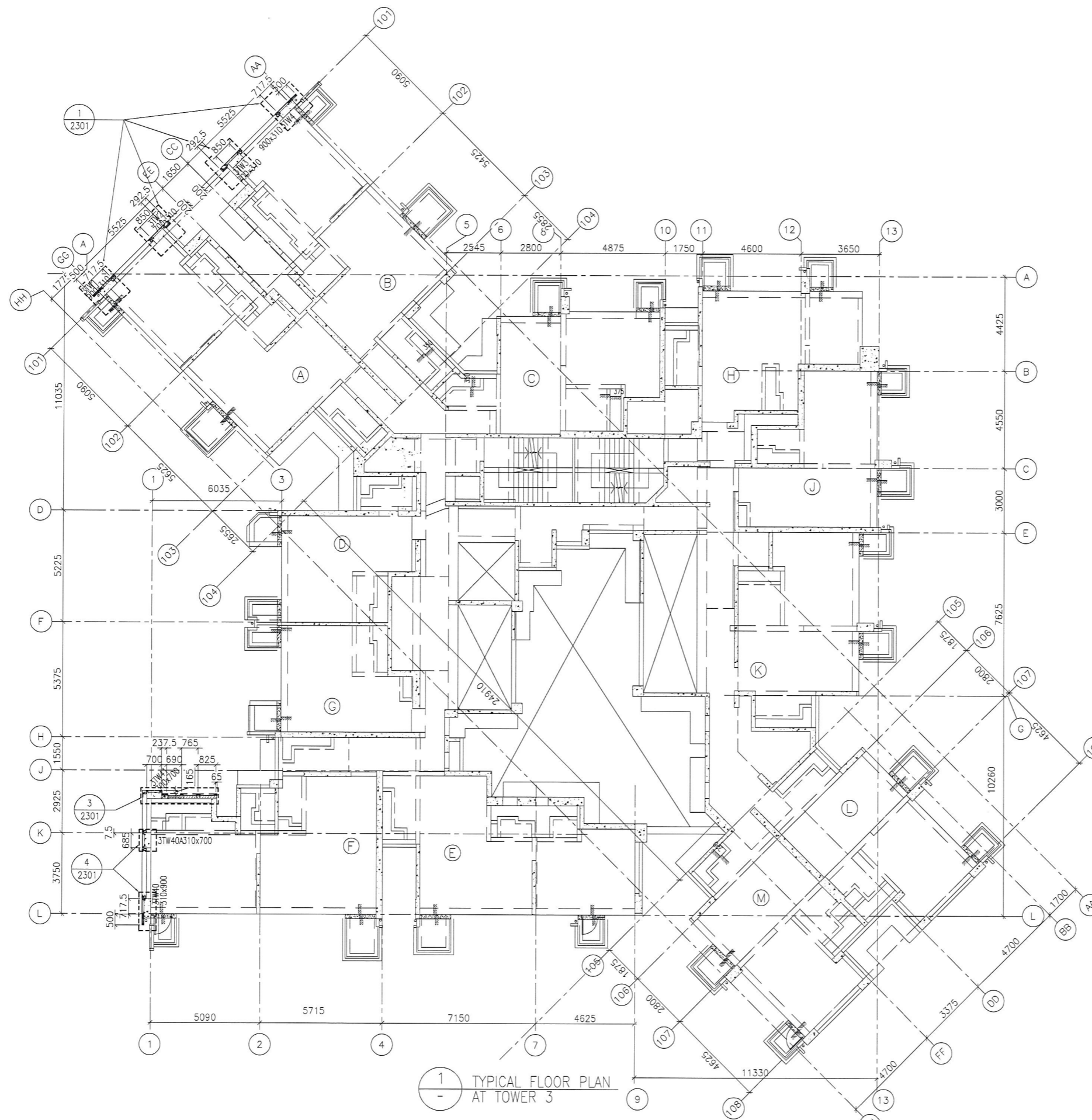
DATE : 04-JUL-18 SCALE : 1:100 (A1)

DRAWN BY : ASING CHECKED BY : -



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

DWG NO. : J837-GC-3301 REV. : -



1
- TYPICAL FLOOR PLAN
AT TOWER 3

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

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

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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 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

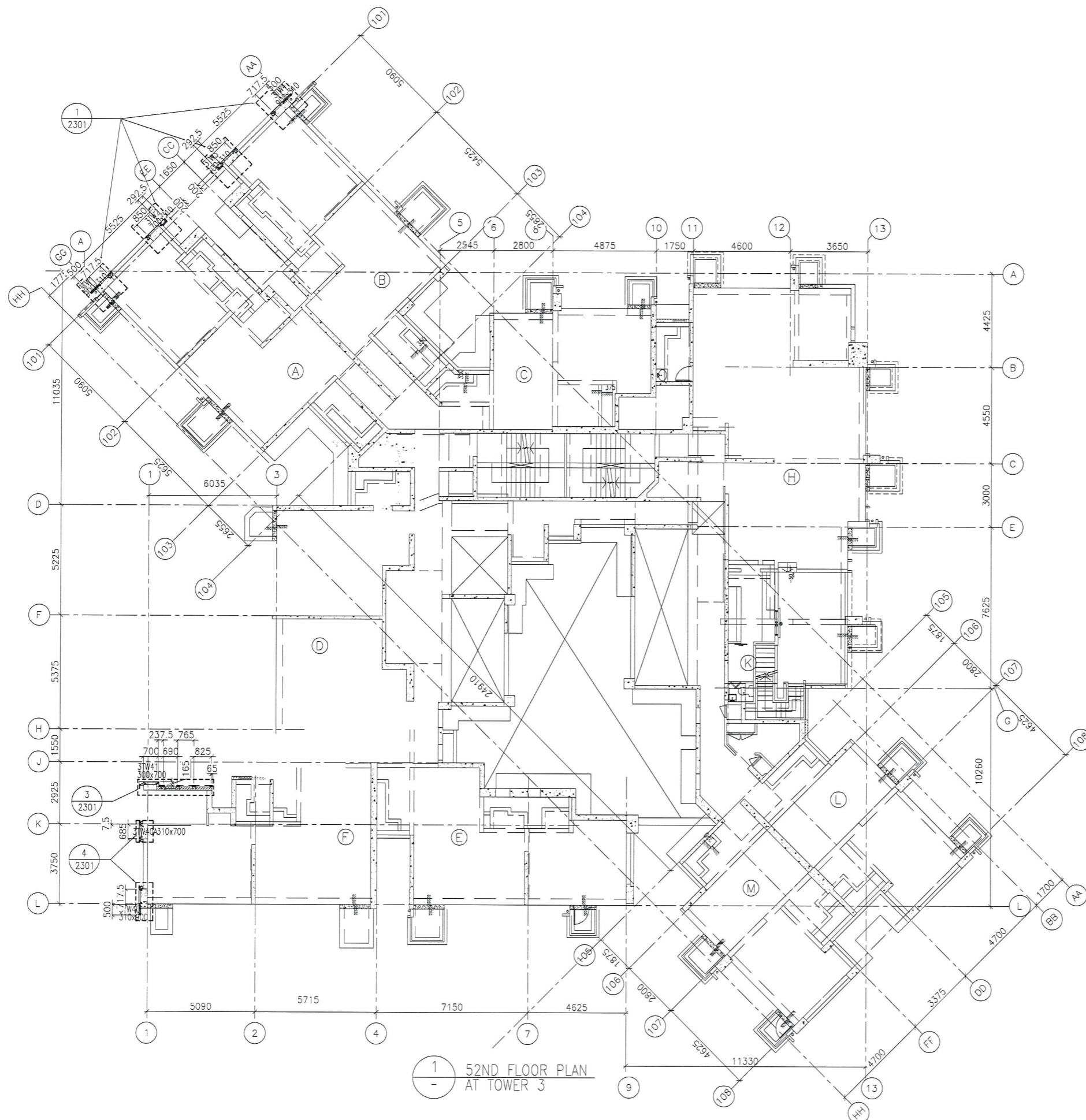
JOB NO. : J-837
 PROJECT :
 URA KWUN TONG TOWN CENTRE
 REDEVELOPMENT (AREA 2 & 3) AT
 NKIL 6514, KWUN TONG, KWLOON

TITLE :
 TYPICAL 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
 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-3302 REV. : -



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

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)

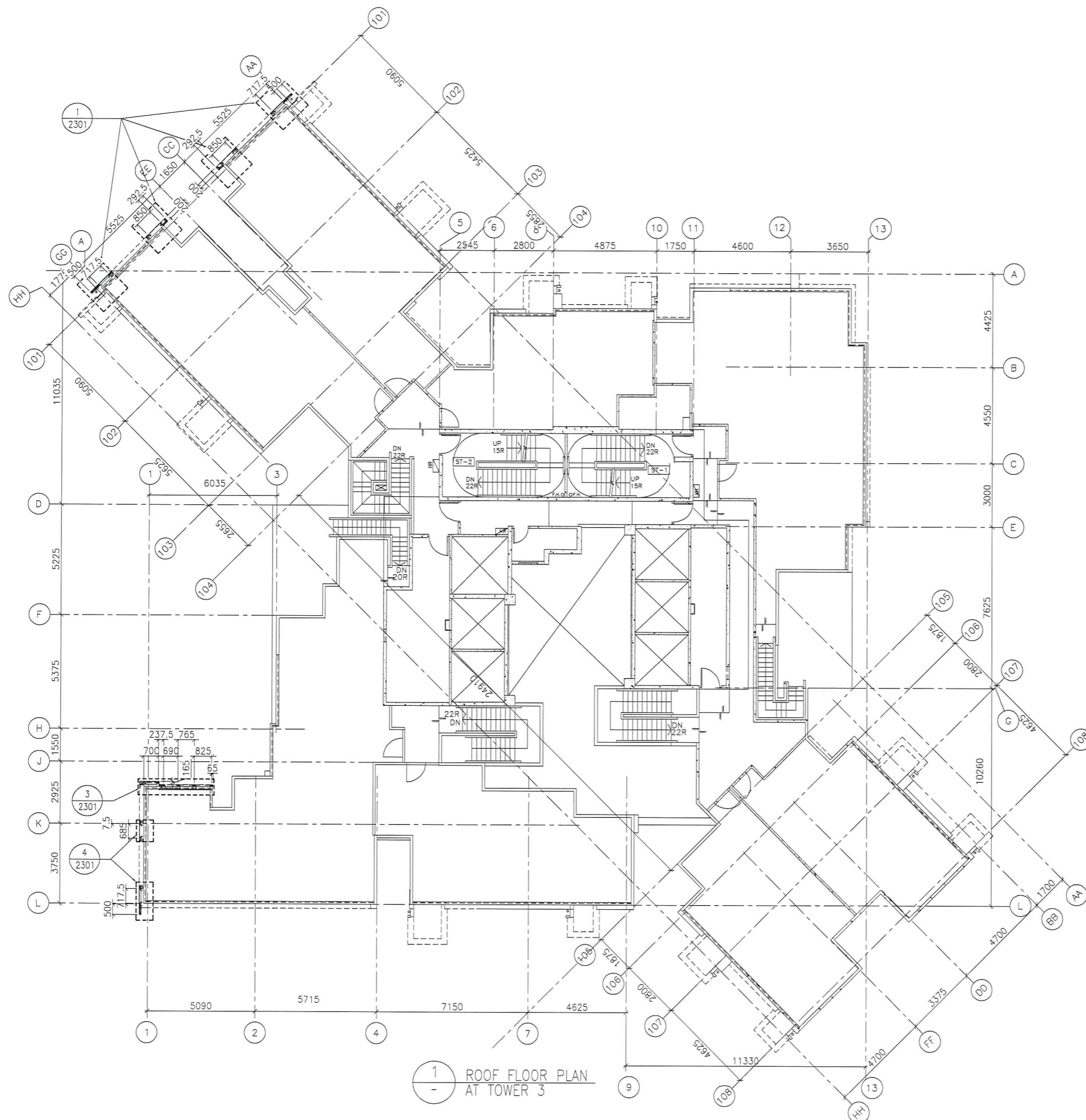
DRAWN BY : ASING CHECKED BY : -

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

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

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

FLOOR NUMBERING	LEVEL (mPD)
52F	+168.400



1 ROOF FLOOR PLAN AT TOWER 3

FLOOR LEVEL (S.F.L.)(T3)	
FLOOR NUMBERING	LEVEL (mPD)
RF	+171.700

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

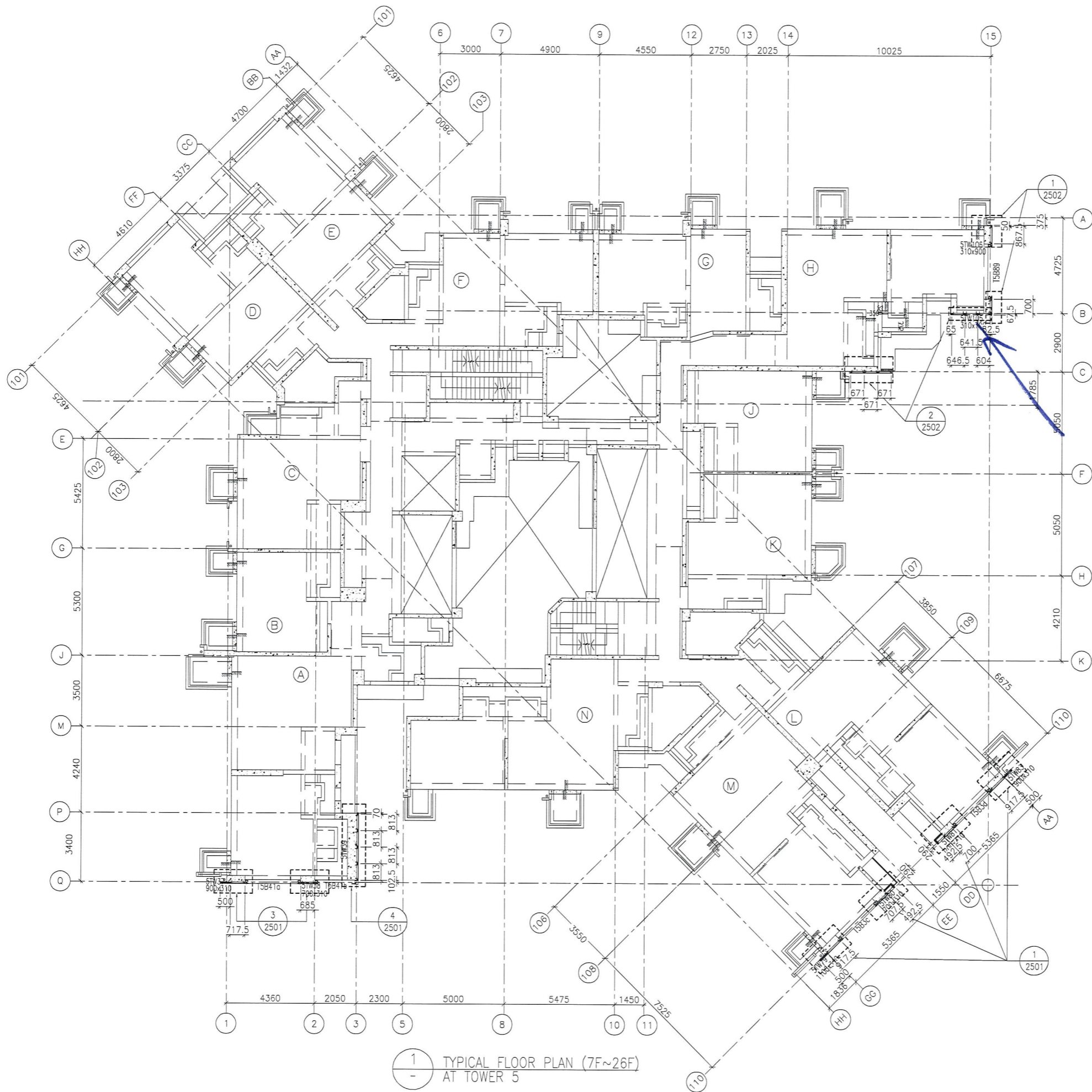
NO.	DATE	REVISED	BY

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

TITLE :
 ROOF 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
 MIDI ALUMINUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cho Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)27727666
 DWG NO. : J837-GC-3304 REV. : -



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

*75H
pre cast
glass-cladding*

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

MAIN CONTRACTOR : CR Construction Company Limited

STRUCTURAL ENGINEER : AECOM

FACADE CONSULTANT : AECOM

NOTE :
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LEGEND :
 -- DETAIL MARK NO.
 -- REFER SHEET NO.
 -- FINISHED FLOOR LEVEL
 -- STRUCTURAL FLOOR LEVEL
 -- 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

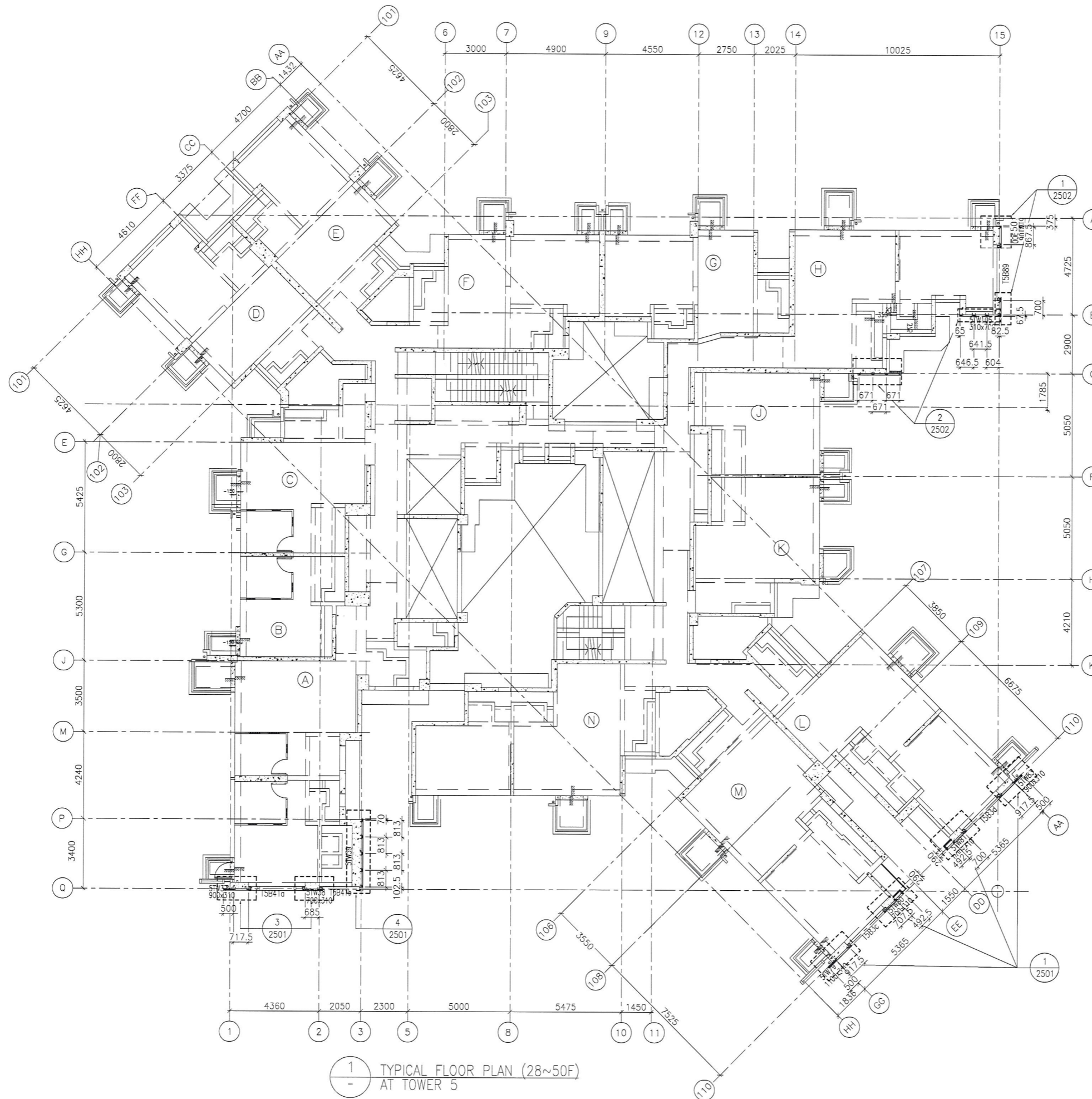
TITLE :
TYPICAL FLOOR PLAN (7F~26F)
OF GLASS CLADDING
AT TOWER 5

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) 2727666

DWG NO. : J837-GC-3502 REV. : -



1 TYPICAL FLOOR PLAN (28~50F)
AT TOWER 5

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. (7R) --- 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 FLOOR PLAN (28~50F)
OF GLASS CLADDING
AT TOWER 5

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

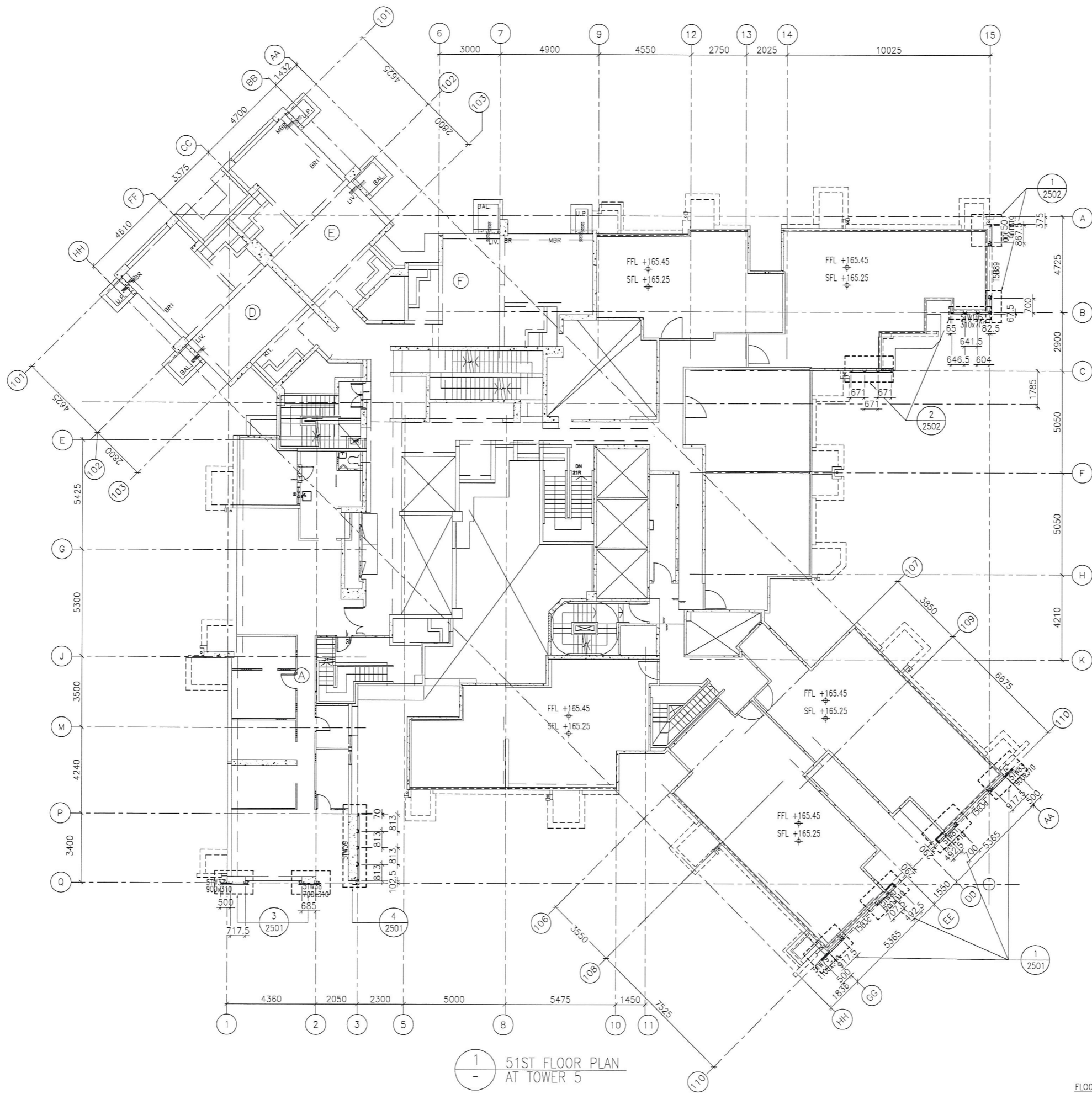
DRAWN BY : ASING CHECKED BY : -



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

DWG NO. : JB37-GC-3503


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 :
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LEGEND :
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 -- REFER SHEET NO.
 1. F.F.L. -- FINISHED FLOOR LEVEL
 2. S.F.L. -- STRUCTURAL FLOOR LEVEL
 3.  -- 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 :
 51ST FLOOR PLAN
 OF GLASS CLADDING
 AT TOWER 5

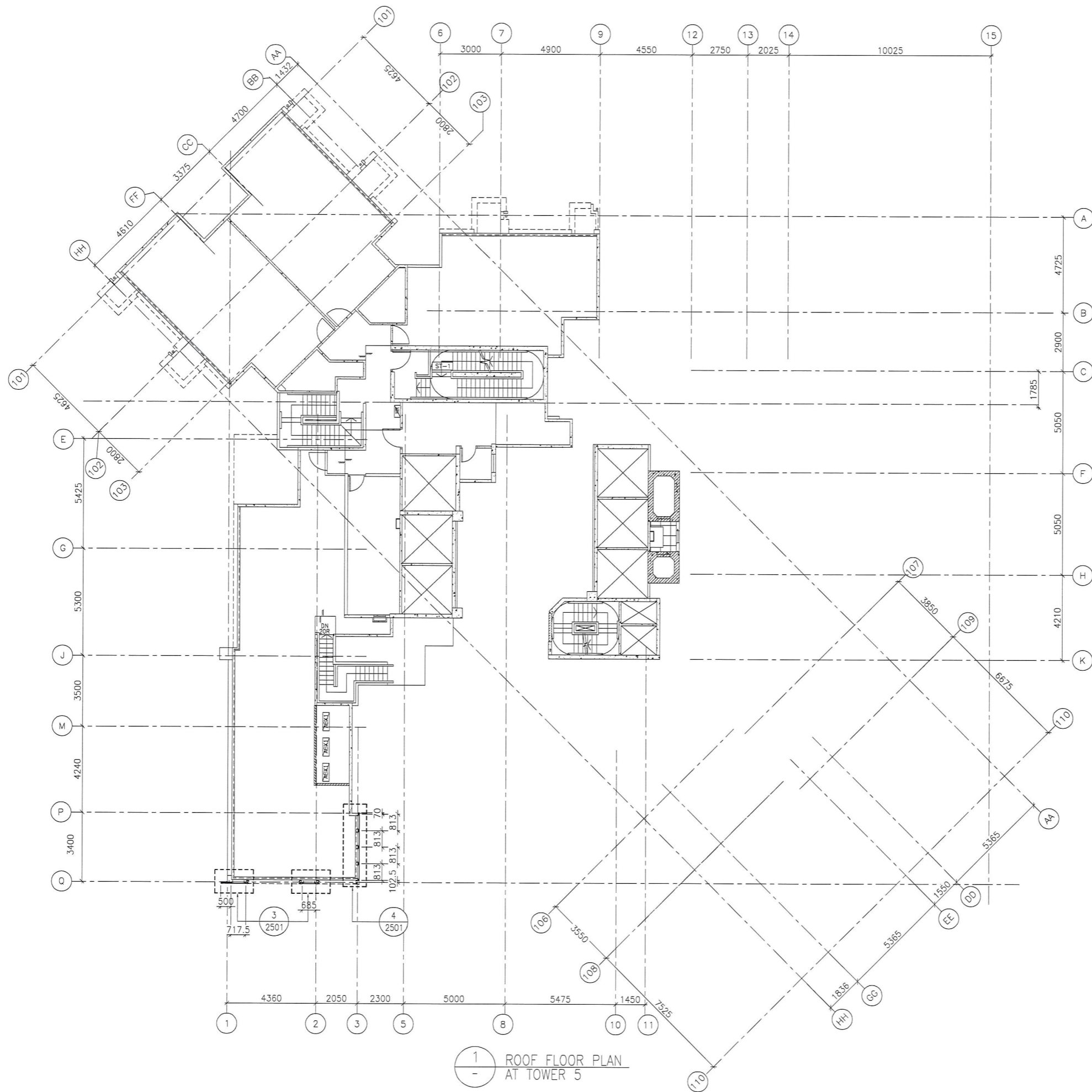
DATE : 04-JUL-18 SCALE : 1:100 (A1)

DRAWN BY : ASING CHECKED BY : -

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

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

FLOOR LEVEL (S.F.L.)(T3)	
FLOOR NUMBERING	LEVEL (mPD)
51F	+165.250/+165.550



1 ROOF FLOOR PLAN AT TOWER 5

FLOOR LEVEL (S.F.L.)(T3)	
FLOOR NUMBERING	LEVEL (mPD)
RF	+168.850

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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LEGEND :
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 -- 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

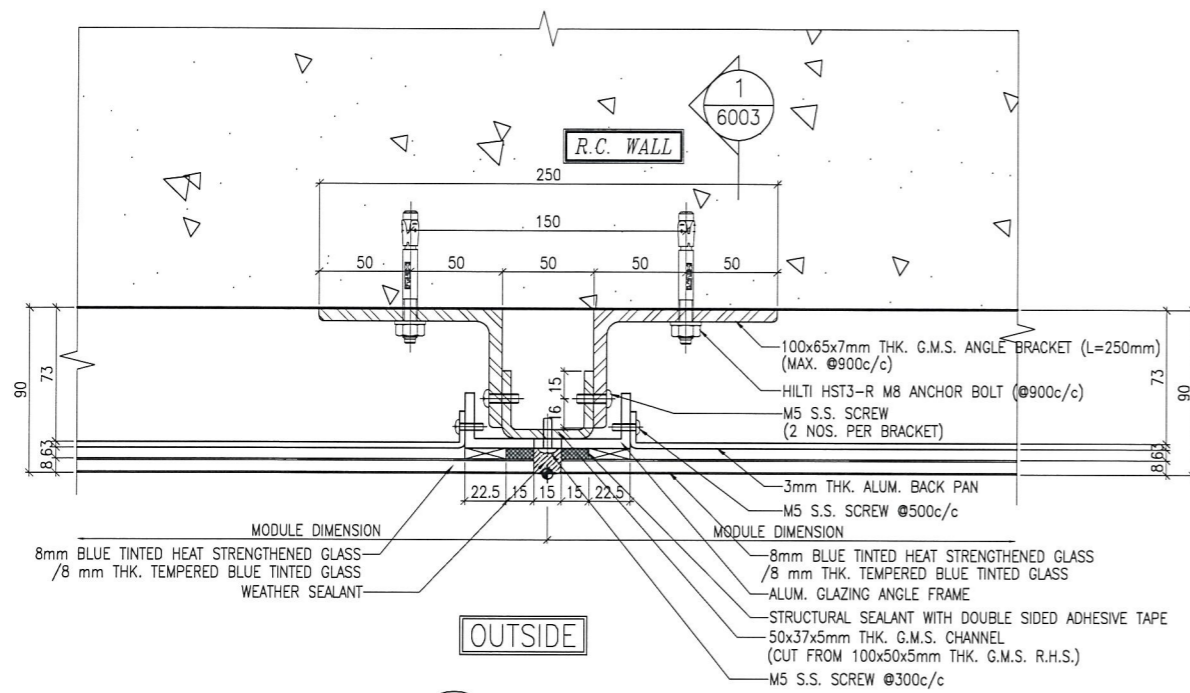
TITLE :
 ROOF FLOOR PLAN
 OF GLASS CLADDING
 AT TOWER 5

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

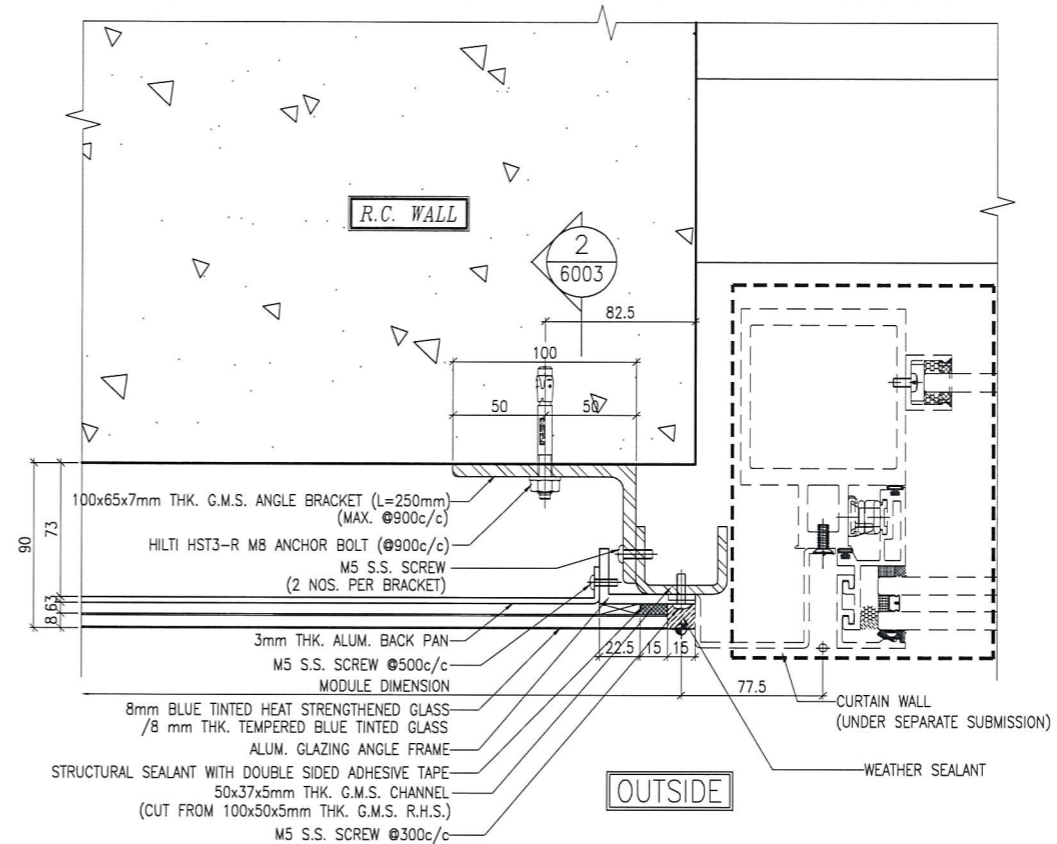
DRAWN BY : ASING CHECKED BY : -

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

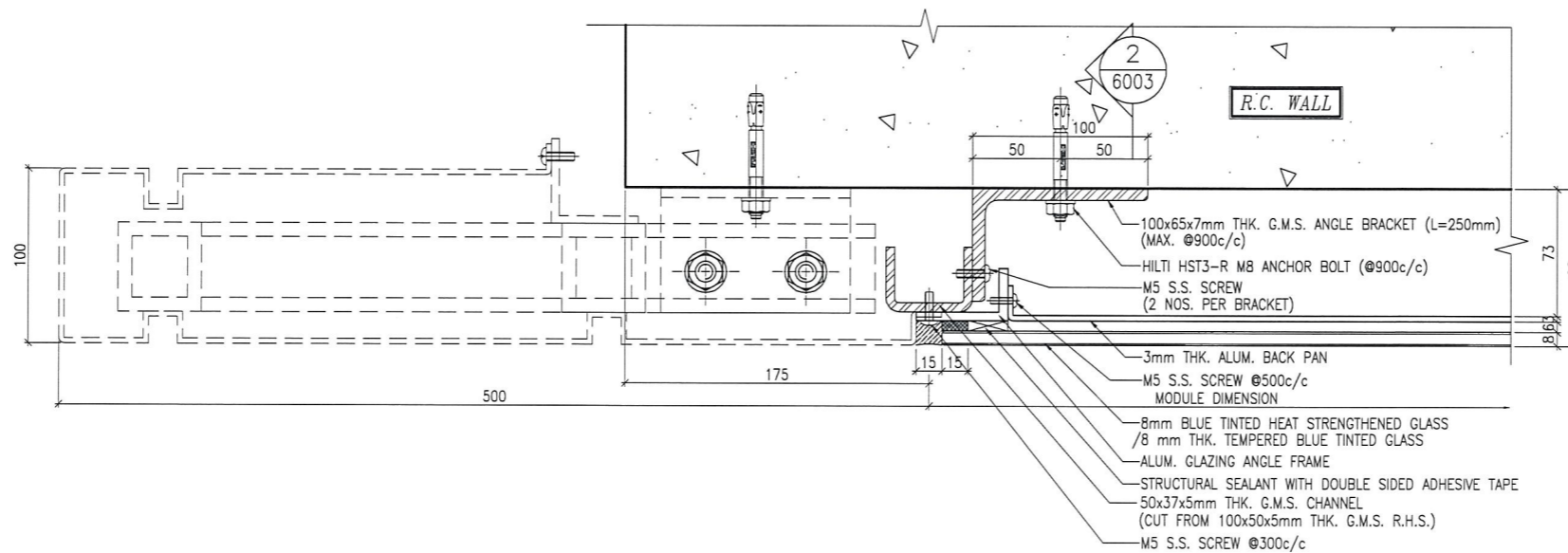
DWG NO. : J837-GC-3505 REV. : -



1 TYPICAL MULLION DETAIL
5003 GLASS CLADDING



2 TYPICAL MULLION DETAIL
5003 GLASS CLADDING



3 TYPICAL MULLION DETAIL
5003 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
WT

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

FAÇADE CONSULTANT:
AECOM

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

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

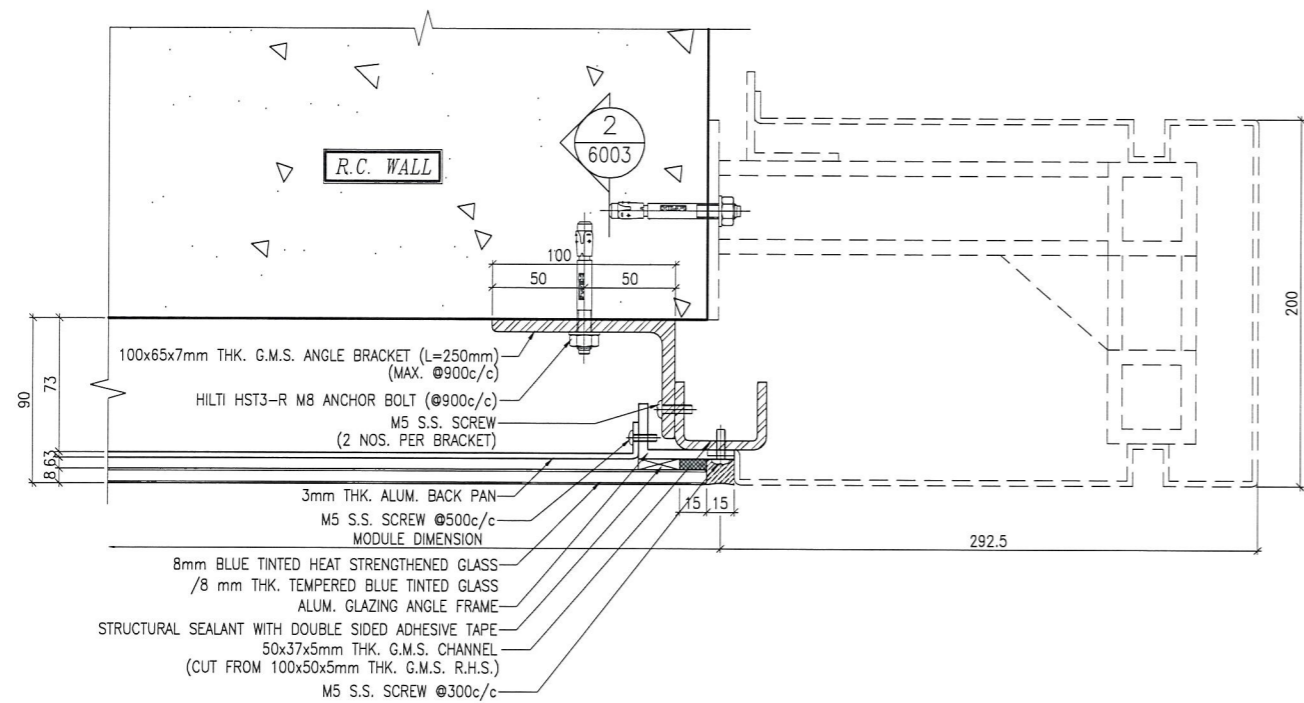
TITLE :
TYPICAL MULLION DETAIL
FOR GLASS CLADDING

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-5003 REV. : -



1 TYPICAL MULLION DETAIL
5004 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 :


FACADE CONSULTANT:


NOTE :
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 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

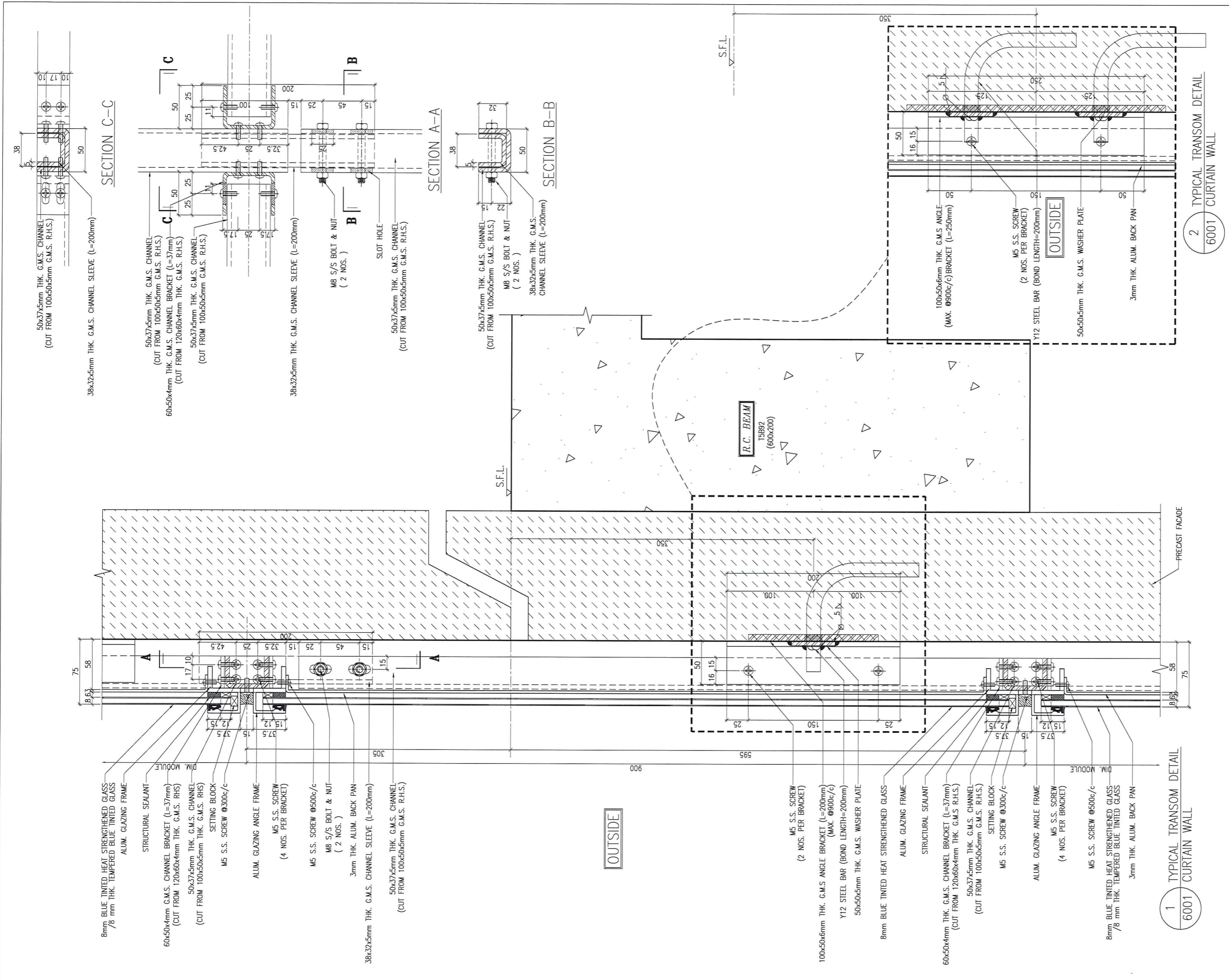
TITLE :
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 FOR GLASS CLADDING

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

DRAWN BY : ASING CHECKED BY : -

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

DWG NO. : J837-GC-5004 REV. : -



1 TYPICAL TRANSOM DETAIL
6001 CURTAIN WALL

2 TYPICAL TRANSOM DETAIL
6001 CURTAIN WALL

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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 3. (⊖) --- 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

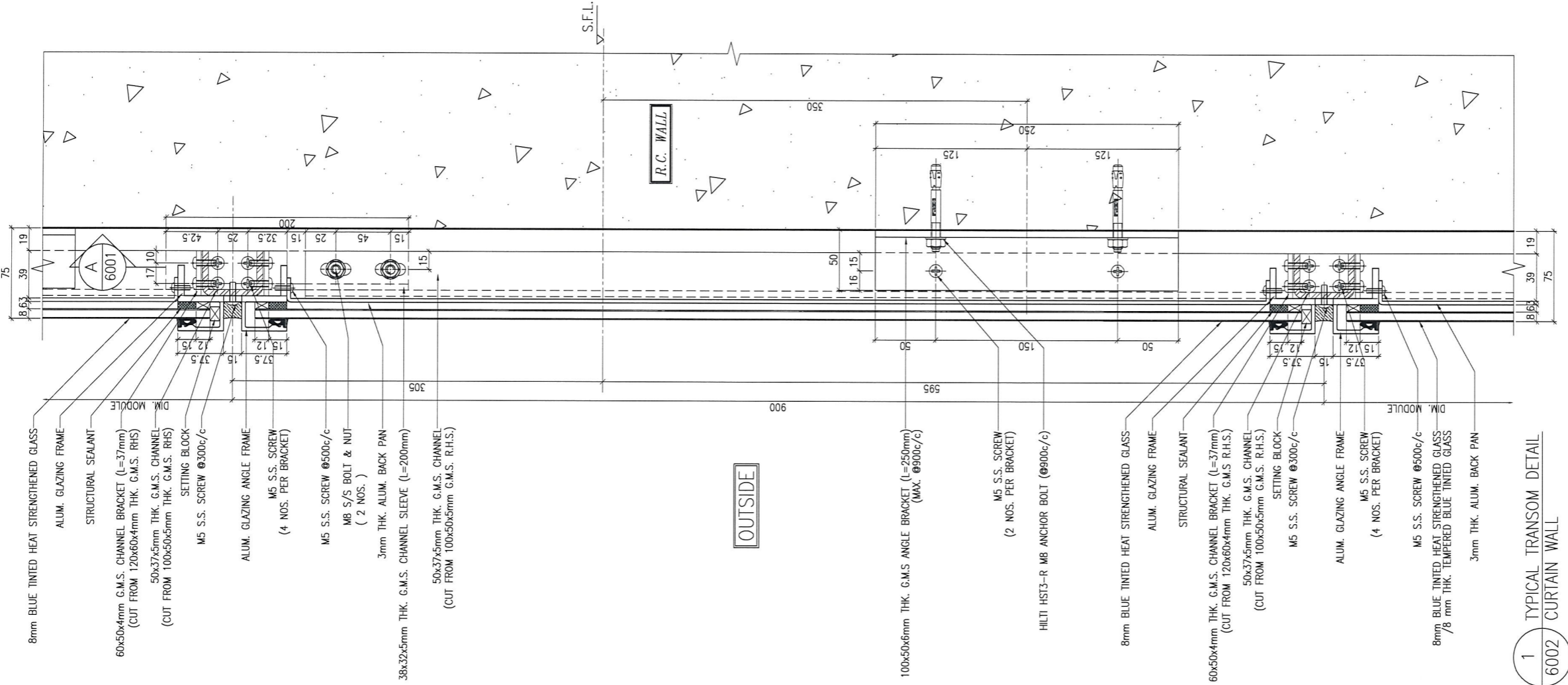
TITLE :
 TYPICAL TRANSOM DETAIL
 FOR GLASS CLADDING

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

DRAWN BY : ASING CHECKED BY : -

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 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-6001 REV. : -



1 TYPICAL TRANSOM DETAIL
6002 CURTAIN WALL

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

NO.	DATE	REVISED	BY

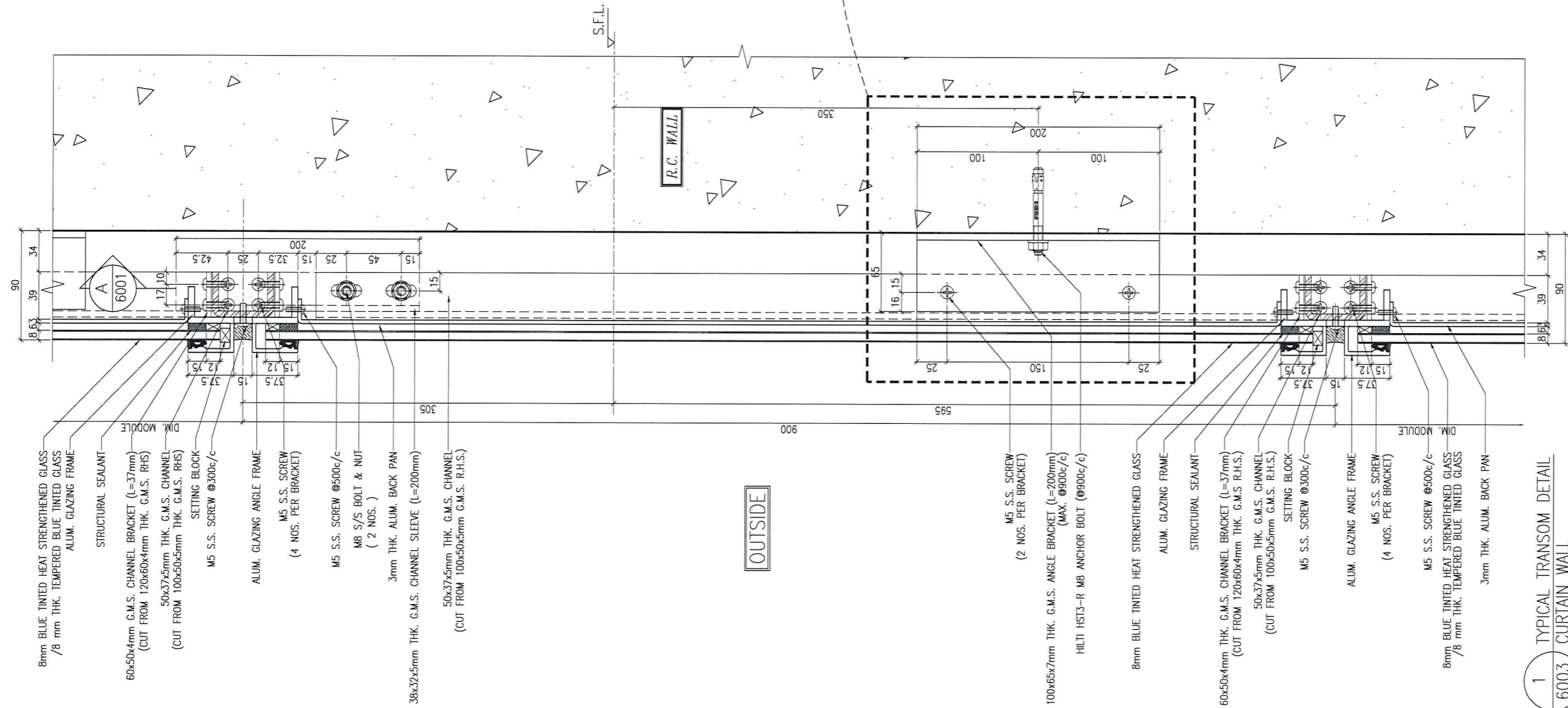
JOB NO. : J-837
 PROJECT :
 URA KWUN TONG TOWN CENTRE
 REDEVELOPMENT (AREA 2 & 3) AT
 NKIL 6514, KWUN TONG, KWLOON

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-6002 REV. : -



90
34
39
8.63

17.10
42.5
25
32.5
15
25
45
15
15

6001

37.5
12.75
15
37.5
15
37.5
15

305

200

900

595

65

16
15

25

150

25

37.5

15

37.5

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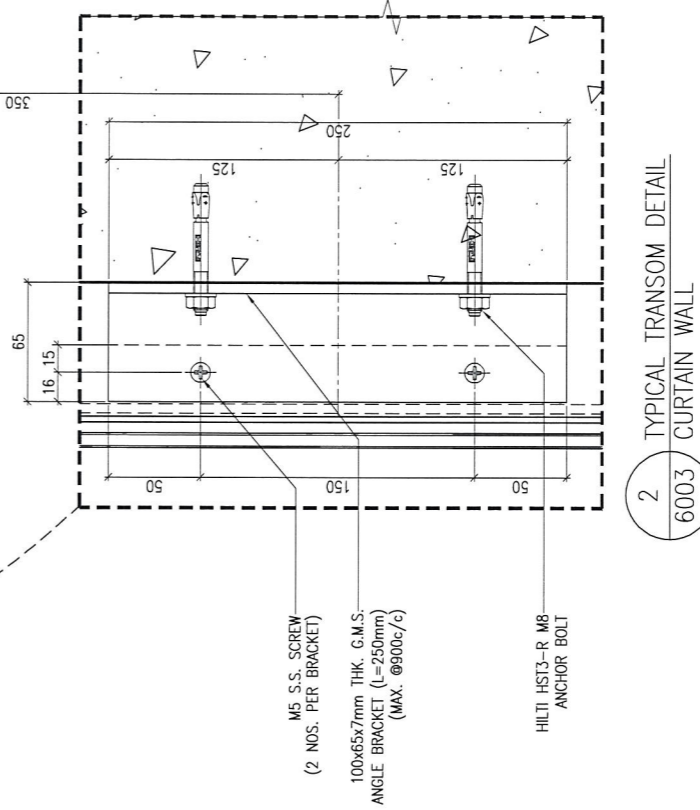
37.5

- 8mm BLUE TINTED HEAT STRENGTHENED GLASS / 8 mm THK. TEMPERED BLUE TINTED GLASS
- ALUM. GLAZING FRAME
- STRUCTURAL SEALANT
- 60x50x4mm G.M.S. CHANNEL BRACKET (L=37mm) (CUT FROM 120x60x4mm THK. G.M.S. RHS)
- 50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x5mm THK. G.M.S. RHS)
- SETTING BLOCK
- M5 S.S. SCREW @300c/c
- ALUM. GLAZING ANGLE FRAME
- M5 S.S. SCREW (4 NOS. PER BRACKET)
- M5 S.S. SCREW @500c/c
- M8 S/S BOLT & NUT (2 NOS.)
- 3mm THK. ALUM. BACK PAN
- 38x32x5mm THK. G.M.S. CHANNEL SLEEVE (L=200mm)
- 50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x5mm G.M.S. R.H.S.)

OUTSIDE

- M5 S.S. SCREW (2 NOS. PER BRACKET)
- 100x65x7mm THK. G.M.S. ANGLE BRACKET (L=200mm) (MAX. @500c/c)
- HILTI HST3-R M8 ANCHOR BOLT (@900c/c)
- 8mm BLUE TINTED HEAT STRENGTHENED GLASS
- ALUM. GLAZING FRAME
- STRUCTURAL SEALANT
- 60x50x4mm THK. G.M.S. CHANNEL BRACKET (L=37mm) (CUT FROM 120x60x4mm THK. G.M.S. R.H.S.)
- 50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x5mm G.M.S. R.H.S.)
- SETTING BLOCK
- M5 S.S. SCREW @300c/c
- ALUM. GLAZING ANGLE FRAME
- M5 S.S. SCREW (4 NOS. PER BRACKET)
- M5 S.S. SCREW @500c/c
- 8mm BLUE TINTED HEAT STRENGTHENED GLASS / 8 mm THK. TEMPERED BLUE TINTED GLASS
- 3mm THK. ALUM. BACK PAN

1 TYPICAL TRANSOM DETAIL
6003 CURTAIN WALL



2 TYPICAL TRANSOM DETAIL
6003 CURTAIN WALL

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 : ACOM

FACADE CONSULTANT : ACOM

NOTE :

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LEGEND :

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

- F.F.L. --- FINISHED FLOOR LEVEL
- S.F.L. --- STRUCTURAL FLOOR LEVEL
- ⊗ --- 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

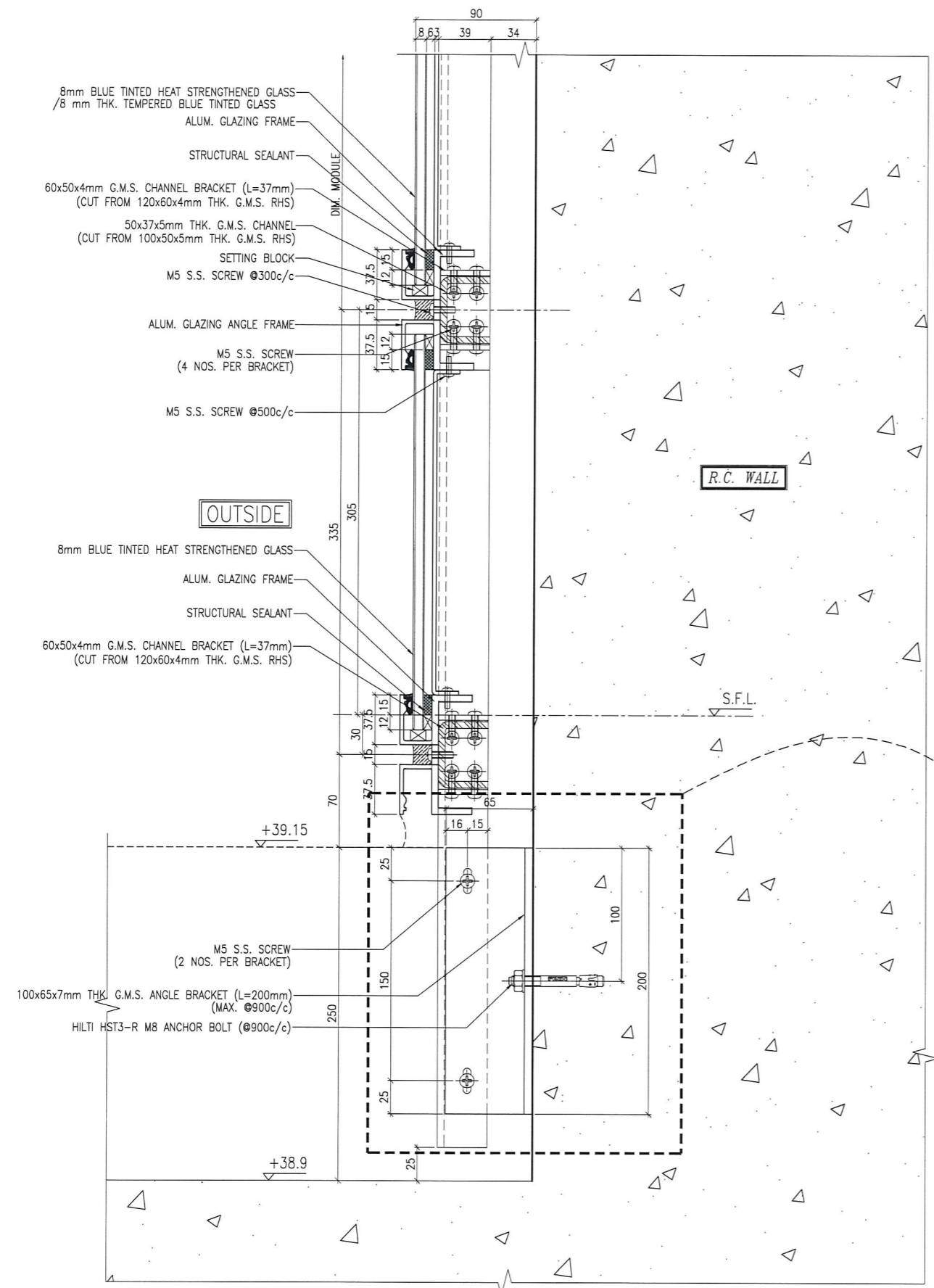
TITLE : TYPICAL TRANSOM DETAIL FOR GLASS CLADDING

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

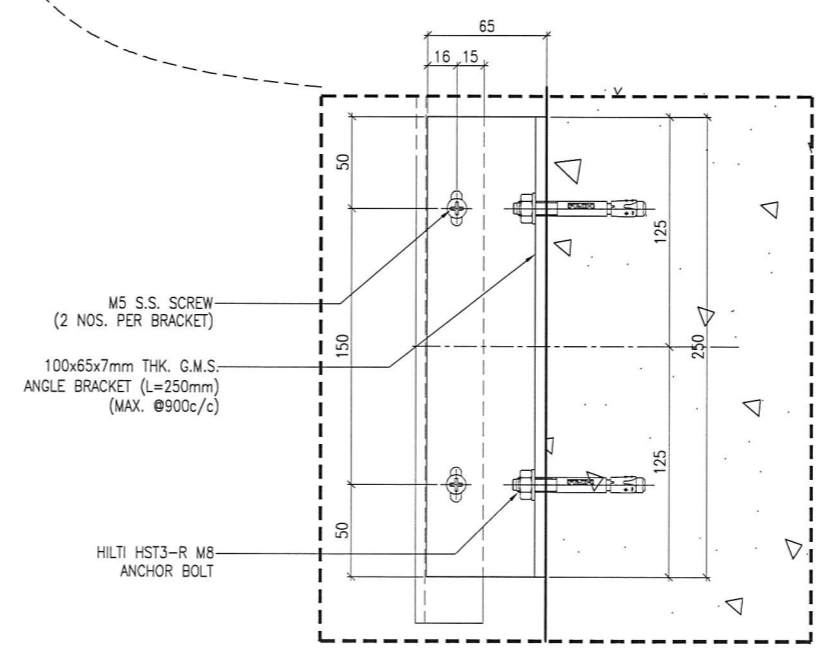
DRAWN BY : ASING CHECKED BY : -

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-6003 REV. : -



1 TYPICAL TRANSOM DETAIL
6004 CURTAIN WALL



2 TYPICAL TRANSOM DETAIL
6004 CURTAIN WALL

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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 X001 --- REFER SHEET NO.
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 3. (7/8) -- REVERSED DETAIL

NO.	DATE	REVISED	BY

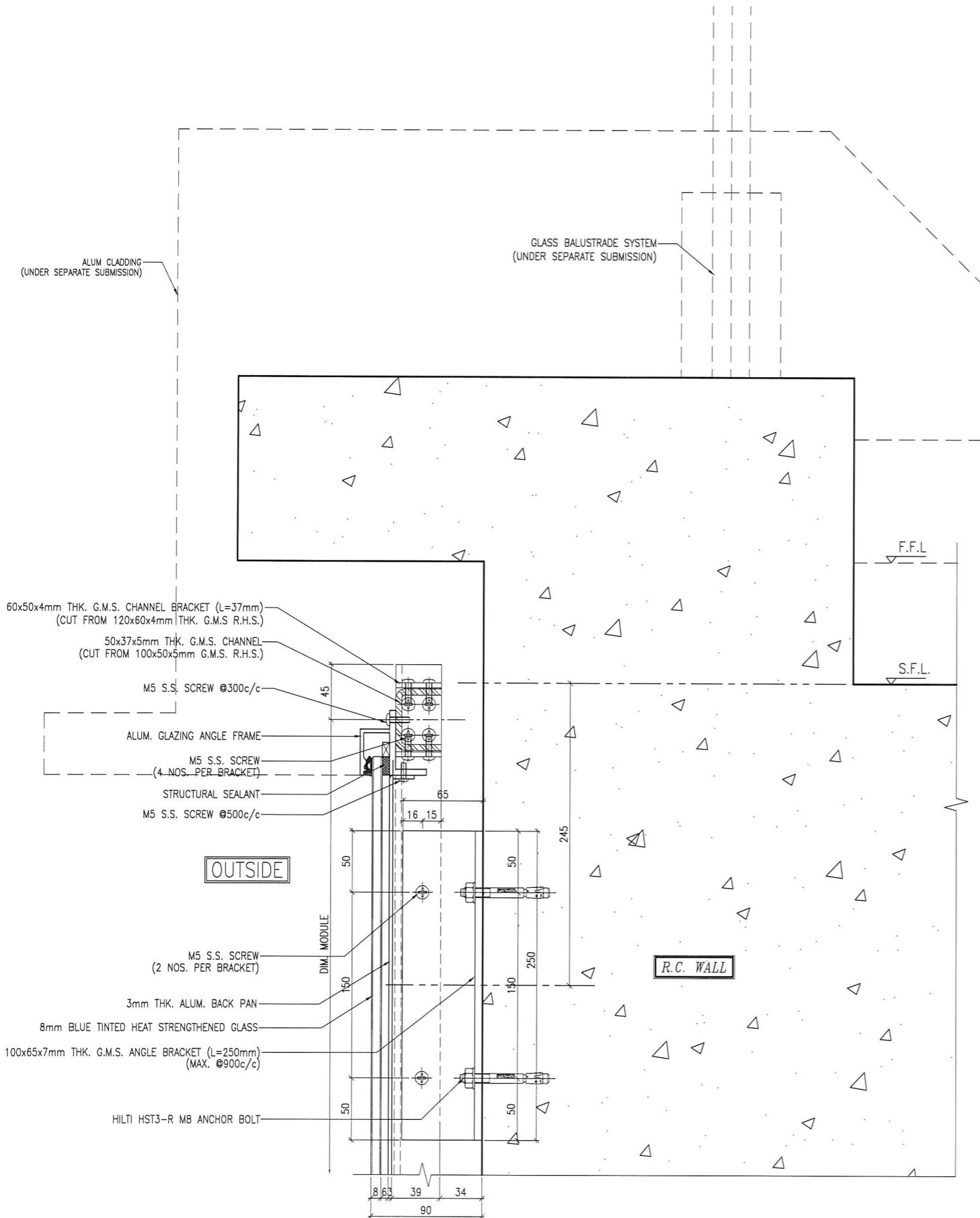
JOB NO. : J-837
 PROJECT :
 URA KWUN TONG TOWN CENTRE
 REDEVELOPMENT (AREA 2 & 3) AT
 NKIL 6514, KWUN TONG, KWLOON

TITLE :
 TYPICAL TRANSOM DETAIL
 FOR GLASS CLADDING

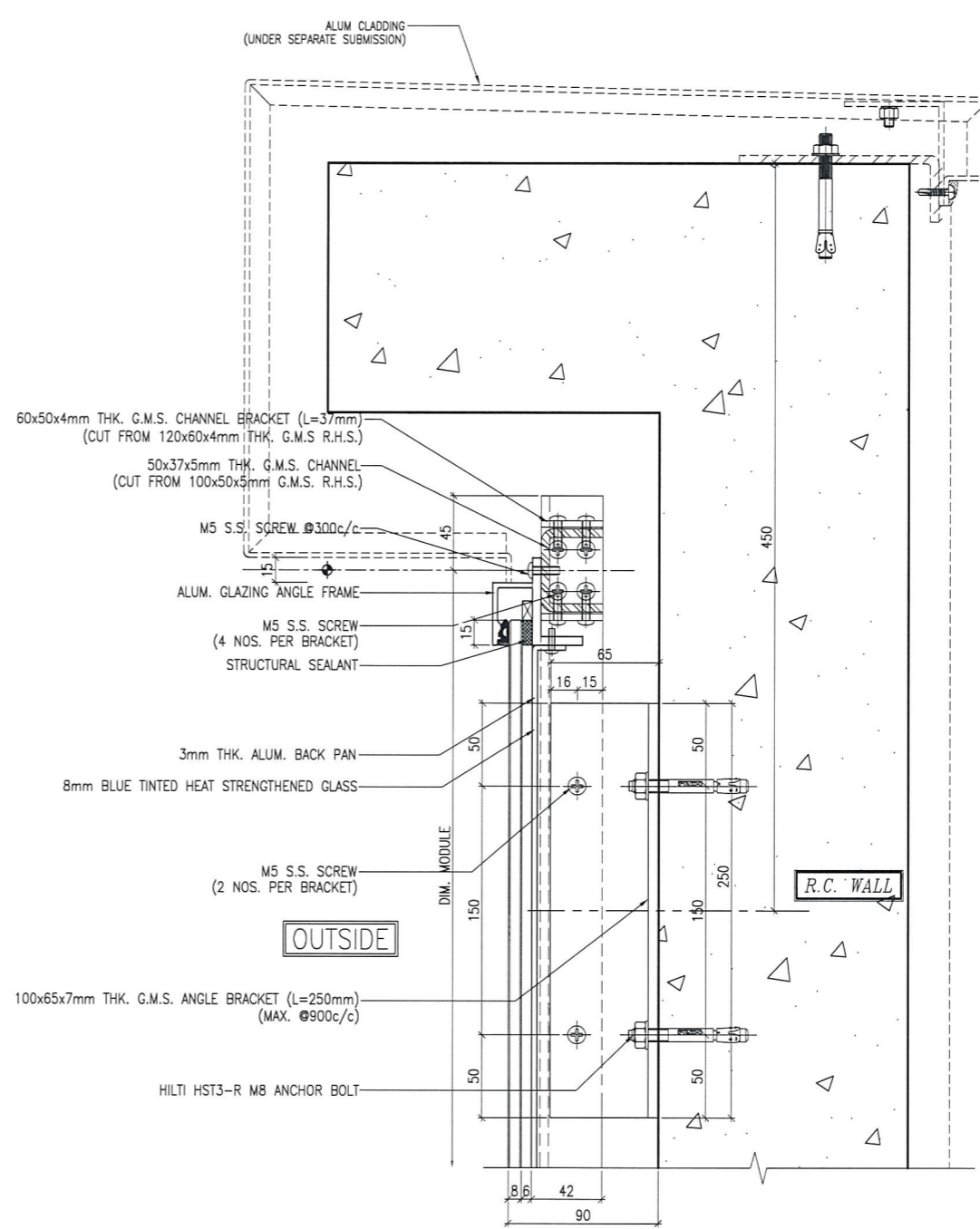
DATE : 4-Sep-18 SCALE : 1:2 (A1)
 DRAWN BY : ASING CHECKED BY : -

美特鋁質有限公司
 MIDI 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. : JB37-GC-6004 REV. : -



1 TYPICAL TRANSOM DETAIL
6005 CURTAIN WALL




2 TYPICAL TRANSOM DETAIL
6005 CURTAIN WALL

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 :
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 3. (R) — REVERSED DETAIL

NO.	DATE	REVISED	BY

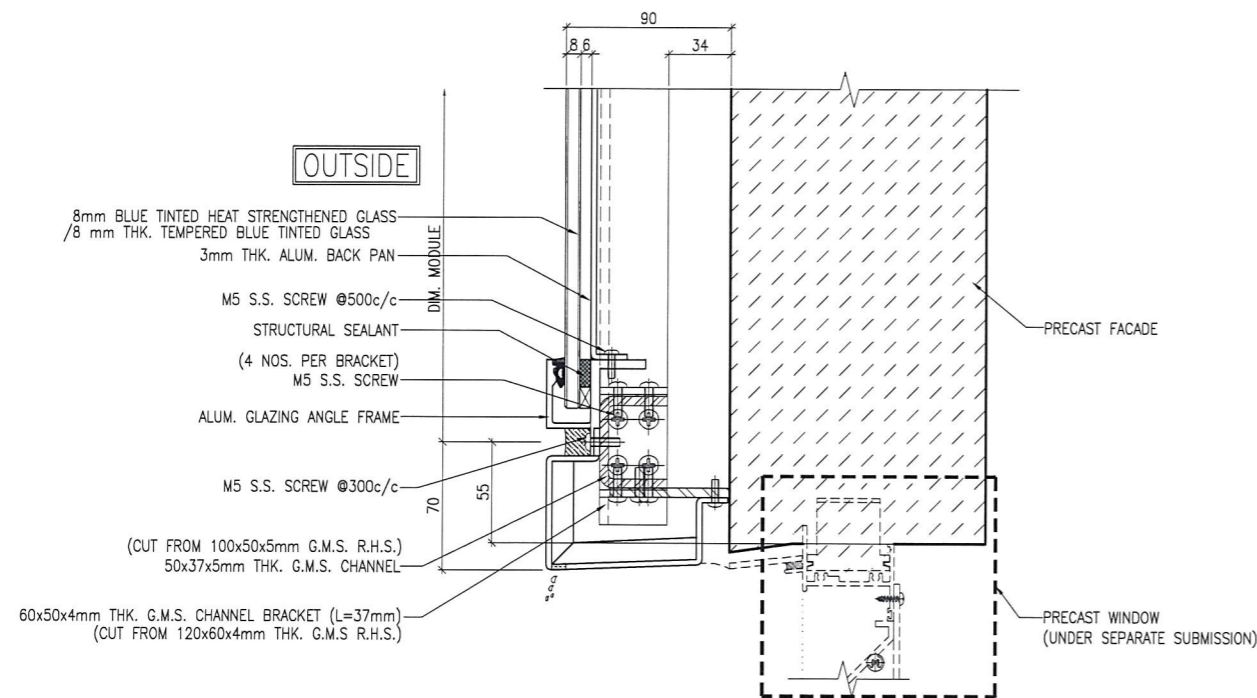
JOB NO. : J-837
 PROJECT :
 URA KWUN TONG TOWN CENTRE
 REDEVELOPMENT (AREA 2 & 3) AT
 NKIL 6514, KWUN TONG, KWLOON

TITLE :
 TYPICAL TRANSOM DETAIL
 FOR GLASS CLADDING

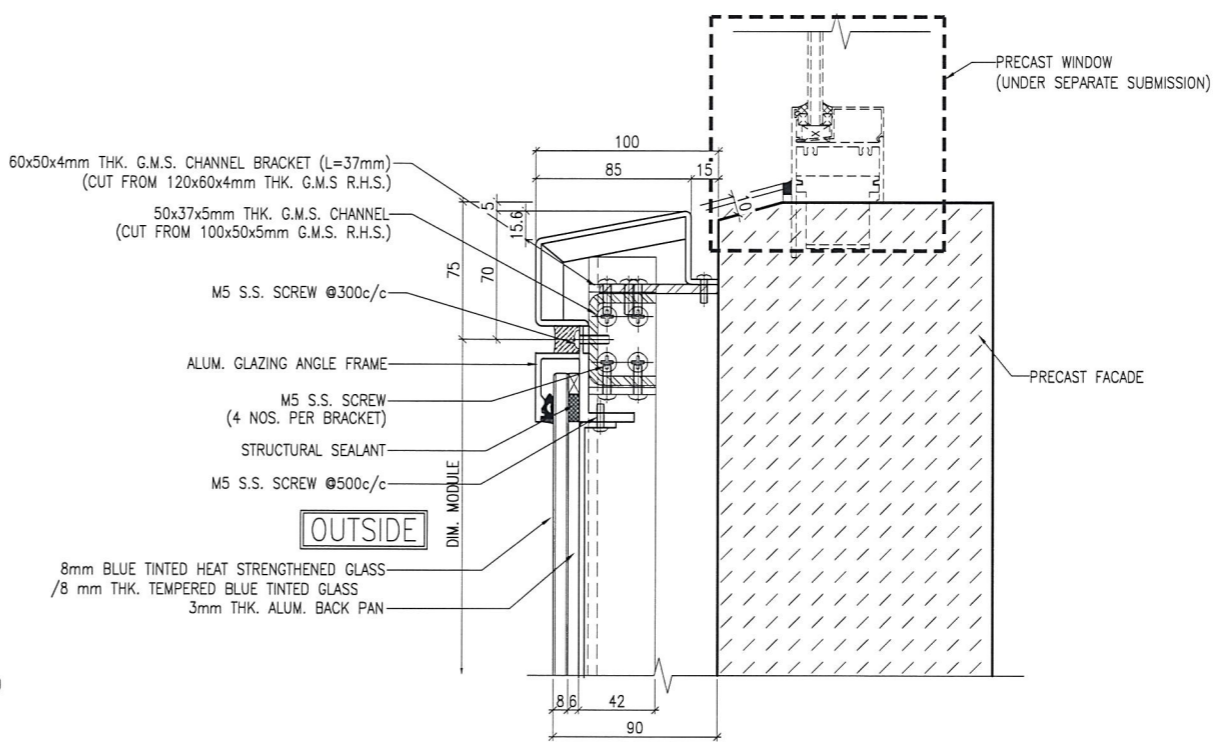
DATE : 4-Sep-18 SCALE : 1:2 (A1)
 DRAWN BY : ASING CHECKED BY : -

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 MIDI ALUMINIUM FABRICATOR LTD.
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 610 Cha Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 2727666

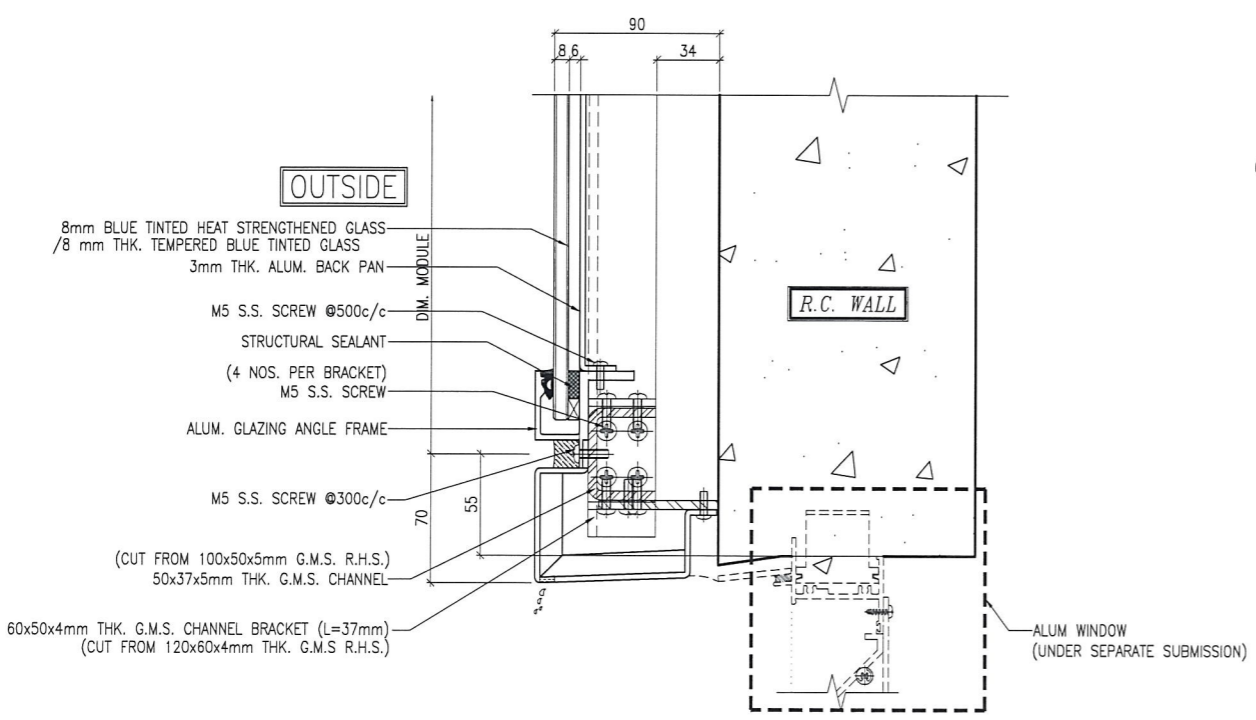
DWG NO. : J837-GC-6005 REV. : -



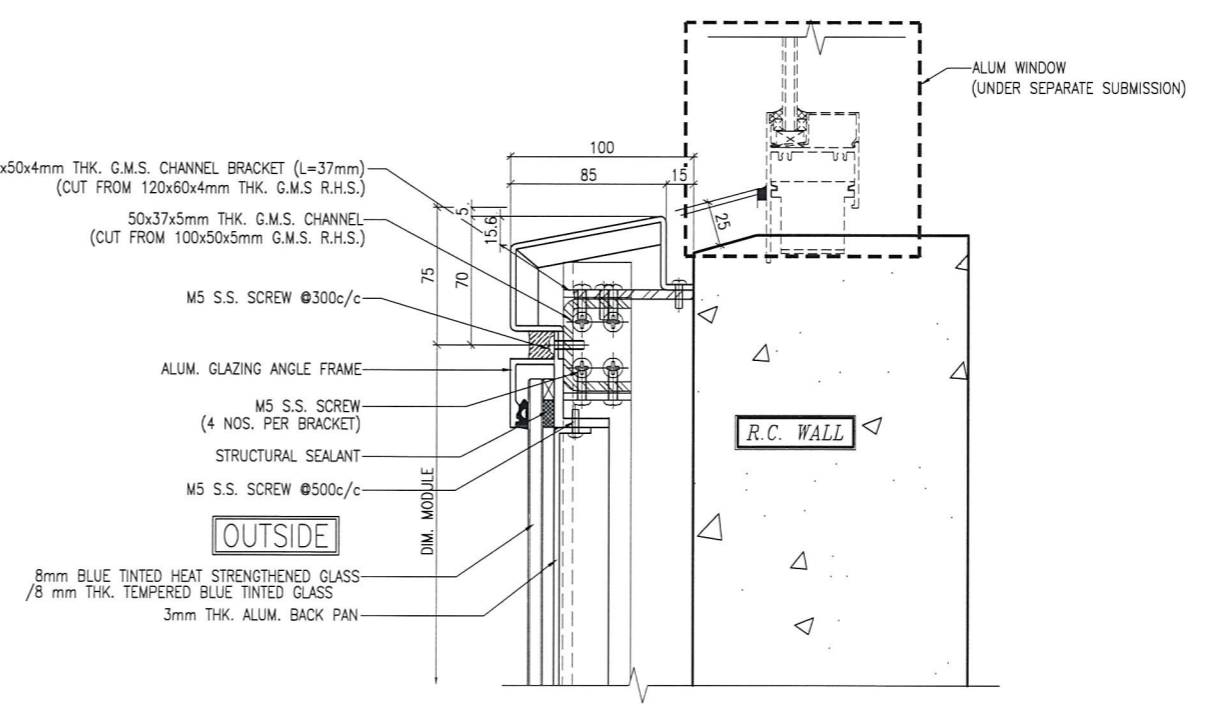
1 TYPICAL TRANSOM DETAIL
6006 CURTAIN WALL



2 TYPICAL TRANSOM DETAIL
6006 CURTAIN WALL



3 TYPICAL TRANSOM DETAIL
6006 CURTAIN WALL



4 TYPICAL TRANSOM DETAIL
6006 CURTAIN WALL

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

FAÇADE CONSULTANT:
 AECOM

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

NO.	DATE	REVISED	BY

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 : -

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DWG NO. : J837-GC-6006 REV. : -