美 特 鋁 質 有 限 公 司
MIDI ALUMINIUM FABRICATOR LTD.

工程指示 / 要求簡箋(E.I.)

工程指示編號：EI / 9720 / 18　　修改版次：A

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(2nd 大圖) + A.F.

收件人　：生統/永科　　發件人　：Eric Liu　　日　期：16/10/2018

☐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 ：

A 版: 提供幕牆 Glass Cladding 2nd 大圖，新增 Alum. Feature

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 2018/ 10 / 26 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 ☑連附件永科 ( )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☑連附件梅

( )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 文雪

( )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：　　發件人簽署：

HK 1578 /18　　項目經理簽署：

PROJECT :

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

2

J837

Glass Cladding

Alum. Feature

T2M
T5ML
T5H.

TITLE : SHOPDRAWING SUBMISSION DRAWINGS
OF GLASS CLADDING

DATE: 15 - Oct - 2018

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

DWG NO. : J837-GC-CP01 | REV. : A

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 | | |

GENERAL NOTES FOR GLASS CLADDING

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 I – 1991.
   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 CURTAIN WALL
      BASE WIND LOAD: 3.14 KPa
      DESIGN WIND LOAD (Cp = +1.0/–1.4): 3.14 x (Cp = +1.0) = 3.14 KPa (FOR INWARD)
      3.14 x (Cp = –1.4) = –4.396 KPa (FOR OUTWARD)

   b) 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

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

3. GLASS :
   a) 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)

   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 J0 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" : T≤16mm (GRADE S275)		FOR THICKNESS "T" : 16mm<T≤40mm (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 :
   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 ZINE 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)
      UNLESS OTHERWISE INDICATED , ALL STRUCTURAL SEALANT BITE SHALL

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

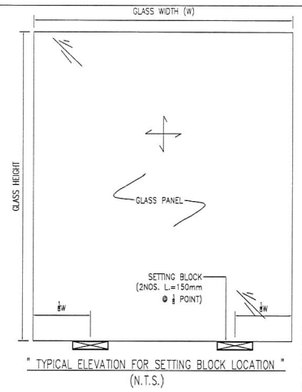
UNLESS OTHER SPECIFIED, ALL SCREWS SHALL BE M6 AT 300 C/C GRADE A4–70 STAINLESS STEEL COMPLIED WITH BS EN ISO 3506.(FOR NON–EXPOSED AREA)

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.

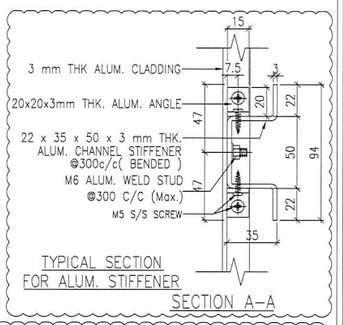
11. CONCRETE GRADE
CONCRETE STRUCTURE SHOWN IN THE SUBMISSION SHALL BE OF GRADE 45D MINIMUM.

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

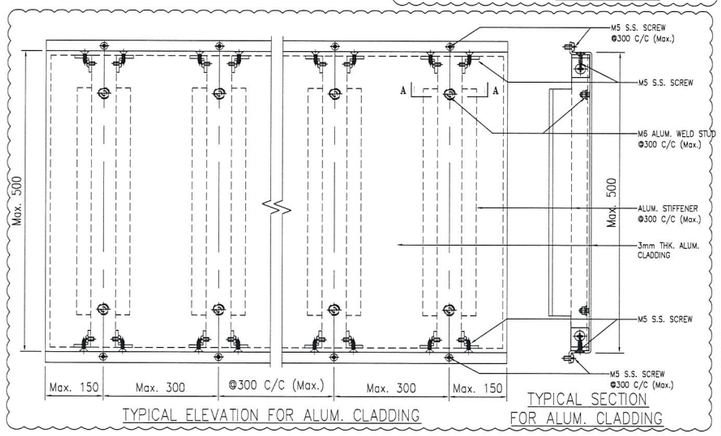
Anchor Type	BD REF. NO	Min. embedment depth (mm) into sound concrete	Minimum edge distance in concrete	Minimum spacing in concrete	Recommended Load		Test load(1.5 x recommended tensile load) (kN)
					Tensile (kN)	Shear (kN)	
M8 HST3-R	BD-AF151	84	40	50	2.5	5.2	=1.5x1.342x2.5=5.033
M12 HST3-R	BD-AF151	95	55	80	4.0	10	=1.5x4.0=6



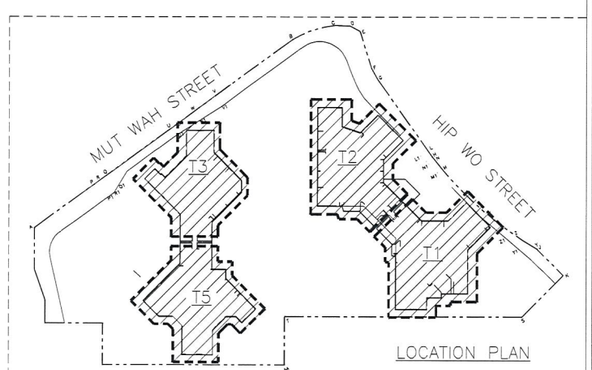
" TYPICAL ELEVATION FOR SETTING BLOCK LOCATION "
(N.T.S.)



TYPICAL SECTION FOR ALUM. STIFFENER
SECTION A–A



TYPICAL ELEVATION FOR ALUM. CLADDING
TYPICAL SECTION FOR ALUM. CLADDING



LOCATION PLAN

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

NO.	DATE	REVISED	BY
A	15/10/2018	GENERAL REVISED	

JOB NO. : J–837

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

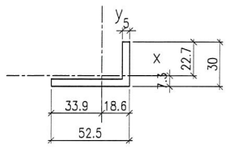
TITLE :
GENERAL NOTES FOR GLASS CLADDING

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

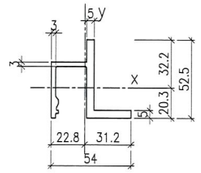
DWG NO. : J837–GC–GN01 | REV. : A

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



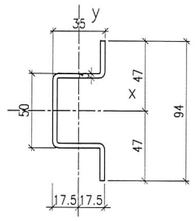
MASS PROPERTIES (UNIT)	VALUES
Area (mm2) :	387.5
Perimeter (mm) :	165.0
Bounding Box – X (mm):	−33.9 to 18.6
Bounding Box – Y (mm):	−7.3 to 22.7
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm4) :	26109.7
Moments of inertia – Y (mm4) :	108316.7
Product of inertia – XY (mm4) :	30166.3
Radii of gyration – X (mm) :	8.2
Radii of gyration – Y (mm) :	16.7
Principal moments along X–Y (mm4) :	16227.9 along [1.0 0.3]
Principal moments along Y–X (mm4) :	118198.6 along [−0.3 1.0]
Elastic Modulus – Zx (mm3):	I / y–max= 1152.2
Elastic Modulus – Zy (mm3):	J / x–max= 3194.1

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

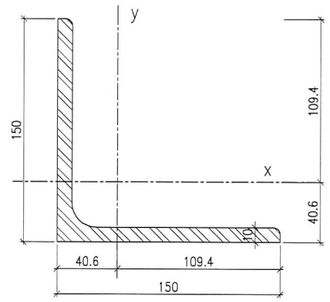


MASS PROPERTIES (UNIT)	VALUES
Area (mm2) :	579.0
Perimeter (mm) :	285.2
Bounding Box – X (mm):	−22.8 to 31.2
Bounding Box – Y (mm):	−20.3 to 32.2
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm4) :	140880.3
Moments of inertia – Y (mm4) :	118949.8
Product of inertia – XY (mm4) :	−37896.0
Radii of gyration – X (mm) :	15.6
Radii of gyration – Y (mm) :	14.3
Principal moments along X–Y (mm4) :	90464.5 along [0.6 −0.8]
Principal moments along Y–X (mm4) :	169365.5 along [0.8 0.6]
Elastic Modulus – Zx (mm3):	I / y–max= 4369.2
Elastic Modulus – Zy (mm3):	J / x–max= 3818.1

3mm THK. ALUM. CHANNEL STIFFENER	COATING --- N/A FINISHED
GRADE --- 3003–H14	

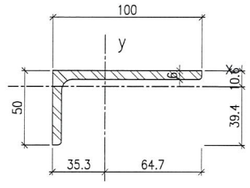


MASS PROPERTIES (UNIT)	VALUES
Area (mm2) :	461.1
Perimeter (mm) :	313.4
Bounding Box – X (mm):	−17.5 to 17.5
Bounding Box – Y (mm):	−47.0 to 47.0
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm4) :	306701.0
Moments of inertia – Y (mm4) :	85599.1
Product of inertia – XY (mm4) :	0.0
Radii of gyration – X (mm) :	25.8
Radii of gyration – Y (mm) :	13.6
Principal moments along X–Y (mm4) :	306701.0 along [1.0 0.0]
Principal moments along Y–X (mm4) :	85599.1 along [0.0 1.0]
Elastic Modulus – Zx (mm3):	I / y–max= 6525.6
Elastic Modulus – Zy (mm3):	J / x–max= 4891.4



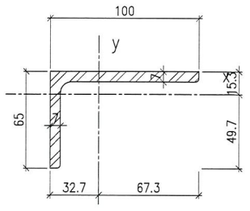
150x150x10mm THK. G.M.S. ANGLE BRACKET (GRADE --- S275)

MASS PROPERTIES (UNIT)	VALUES
Area (mm2) :	2945.0
Perimeter (mm) :	589.0
Bounding Box – X (mm):	−40.6 to 109.4
Bounding Box – Y (mm):	−40.6 to 109.4
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm4) :	6351138.5
Moments of inertia – Y (mm4) :	6351138.3
Product of inertia – XY (mm4) :	3726890.1
Radii of gyration – X (mm) :	46.4
Radii of gyration – Y (mm) :	46.4
Principal moments along X–Y (mm4) :	10078028.4 along [0.7 0.7]
Principal moments along Y–X (mm4) :	2624248.3 along [−0.7 0.7]
Elastic Modulus – Zx (mm3):	I / y–max= 58035.6
Elastic Modulus – Zy (mm3):	J / x–max= 58035.6



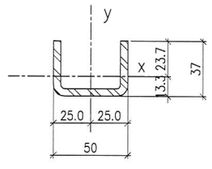
100x50x6mm THK. G.M.S ANGLE BRACKET (GRADE --- S275)

MASS PROPERTIES (UNIT)	VALUES
Area (mm2) :	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 (mm4) :	157189.7
Moments of inertia – Y (mm4) :	907790.5
Product of inertia – XY (mm4) :	212691.2
Radii of gyration – X (mm) :	13.4
Radii of gyration – Y (mm) :	32.3
Principal moments along X–Y (mm4) :	101111.0 along [1.0 0.3]
Principal moments along Y–X (mm4) :	963869.2 along [−0.3 1.0]
Elastic Modulus – Zx (mm3):	I / y–max= 3984.9
Elastic Modulus – Zy (mm3):	J / x–max= 14020.5



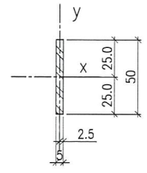
100x65x7mm THK. G.M.S. ANGLE BRACKET (GRADE --- S275)

MASS PROPERTIES (UNIT)	VALUES
Area (mm2) :	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 (mm4) :	385518.6
Moments of inertia – Y (mm4) :	1140446.7
Product of inertia – XY (mm4) :	384276.6
Radii of gyration – X (mm) :	18.6
Radii of gyration – Y (mm) :	32.0
Principal moments along X–Y (mm4) :	224329.2 along [0.9 0.4]
Principal moments along Y–X (mm4) :	1301636.2 along [−0.4 0.9]
Elastic Modulus – Zx (mm3):	I / y–max= 7760.2
Elastic Modulus – Zy (mm3):	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 (mm2) :	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 (mm4) :	72810.4
Moments of inertia – Y (mm4) :	202582.1
Product of inertia – XY (mm4) :	0.0
Radii of gyration – X (mm) :	11.5
Radii of gyration – Y (mm) :	19.2
Principal moments along X–Y (mm4) :	72810.4 along [1.0 0.0]
Principal moments along Y–X (mm4) :	202582.1 along [0.0 1.0]
Elastic Modulus – Zx (mm3):	I / y–max= 3077.8
Elastic Modulus – Zy (mm3):	J / x–max= 8103.3



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

MASS PROPERTIES (UNIT)	VALUES
Area (mm2) :	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 (mm4) :	52082.4
Moments of inertia – Y (mm4) :	520.8
Product of inertia – XY (mm4) :	0.0
Radii of gyration – X (mm) :	14.4
Radii of gyration – Y (mm) :	1.4
Principal moments along X–Y (mm4) :	52082.4 along [1.0 0.0]
Principal moments along Y–X (mm4) :	520.8 along [0.0 1.0]
Elastic Modulus – Zx (mm3):	I / y–max= 2083.3
Elastic Modulus – Zy (mm3):	

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

NO.	DATE	REVISED	BY
A	15/10/2018	GENERAL REVISED	

JOB NO. : J–837

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

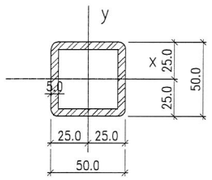
TITLE :
DIE LIST
FOR GLASS CLADDING

DATE : 13–JUL–18 | SCALE : 1:2 (A1)

DRAWN BY : ASING | CHECKED BY : –

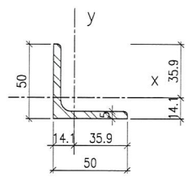
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

DWG NO. : J837–GC–ML01 | REV. : A



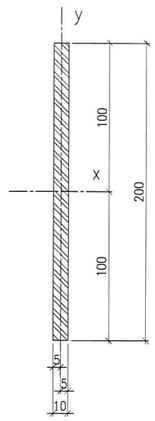
50x50x5mm THK. G.M.S. SHS

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	878.5
Perimeter (mm) :	351.4
Bounding Box – X (mm):	−25.0 to 25.0
Bounding Box – Y (mm):	−25.0 to 25.0
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	295240.1
Moments of inertia – Y (mm⁴) :	295240.3
Product of inertia – XY (mm⁴) :	0.0
Radii of gyration – X (mm) :	18.3
Radii of gyration – Y (mm) :	18.3
Principal moments along X–Y (mm⁴) :	295240.1 along [1.0 0.0]
Principal moments along Y–X (mm⁴) :	295240.3 along [0.0 1.0]
Elastic Modulus – Zx (mm³):	I / y-max= 11809.6
Elastic Modulus – Zy (mm³):	J / x-max= 11809.6



50x50x5mm THK. G.M.S. ANGLE BRACKET (GRADE --- S275)

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	483.0
Perimeter (mm) :	194.9
Bounding Box – X (mm):	−14.1 to 35.9
Bounding Box – Y (mm):	−14.1 to 35.9
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	111482.9
Moments of inertia – Y (mm⁴) :	111484.6
Product of inertia – XY (mm⁴) :	65154.1
Radii of gyration – X (mm) :	15.2
Radii of gyration – Y (mm) :	15.2
Principal moments along X–Y (mm⁴) :	46329.7 along [0.7 −0.7]
Principal moments along Y–X (mm⁴) :	176637.8 along [0.7 0.7]
Elastic Modulus – Zx (mm³):	I / y-max= 3106.1
Elastic Modulus – Zy (mm³):	J / x-max= 3106.1



200x250x10mm THK. G.M.S. PLATE (GRADE --- S275)

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2000.0
Perimeter (mm) :	420.0
Bounding Box – X (mm):	−5.0 to 5.0
Bounding Box – Y (mm):	−100.0 to 100.0
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	6666666.7
Moments of inertia – Y (mm⁴) :	16666.6
Product of inertia – XY (mm⁴) :	0.0
Radii of gyration – X (mm) :	57.7
Radii of gyration – Y (mm) :	2.9
Principal moments along X–Y (mm⁴) :	6666666.7 along [1.0 0.0]
Principal moments along Y–X (mm⁴) :	16666.6 along [0.0 1.0]
Elastic Modulus – Zx (mm³):	I / y-max= 66666.7
Elastic Modulus – Zy (mm³):	J / x-max= 3333.3

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

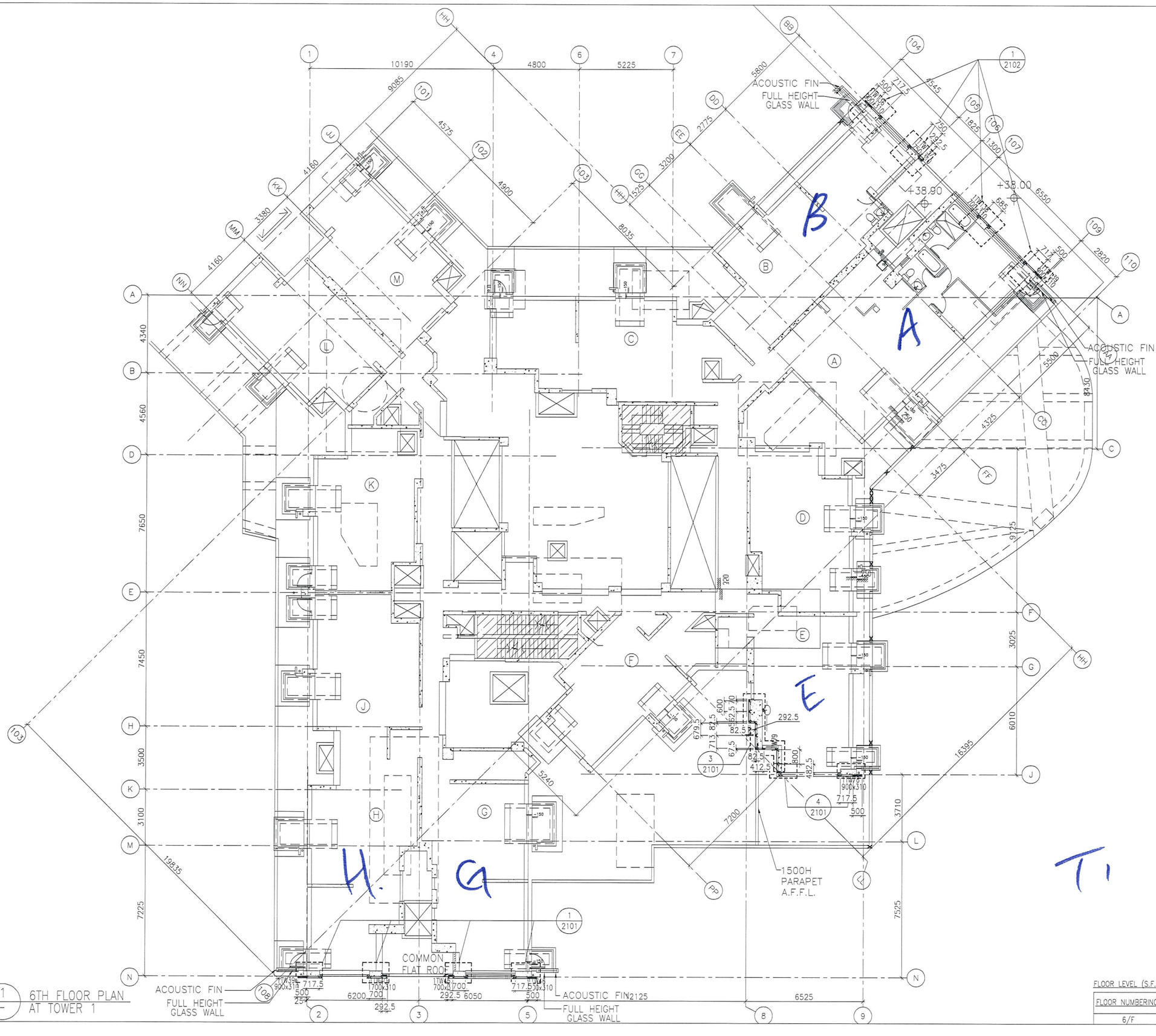
TITLE :
DIE LIST
FOR GLASS CLADDING

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. : J837-GC-ML02 | REV. : –



1 / - 6TH FLOOR PLAN AT TOWER 1

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

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 / XOO1 — DETAIL MARK NO. / REFER SHEET NO.

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

NO	DATE	REVISED	BY

JOB NO. : J-837

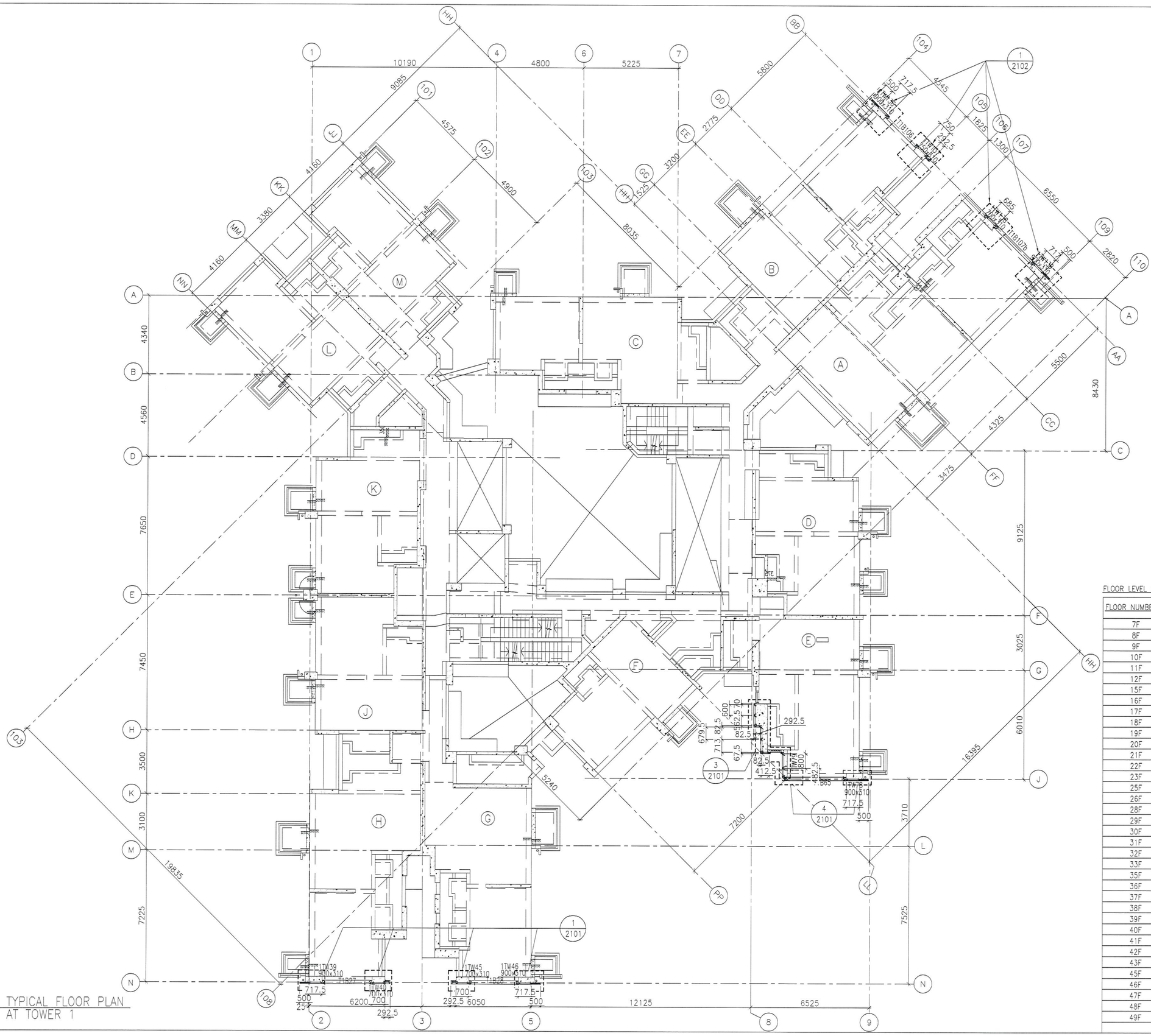
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

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. : -



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

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

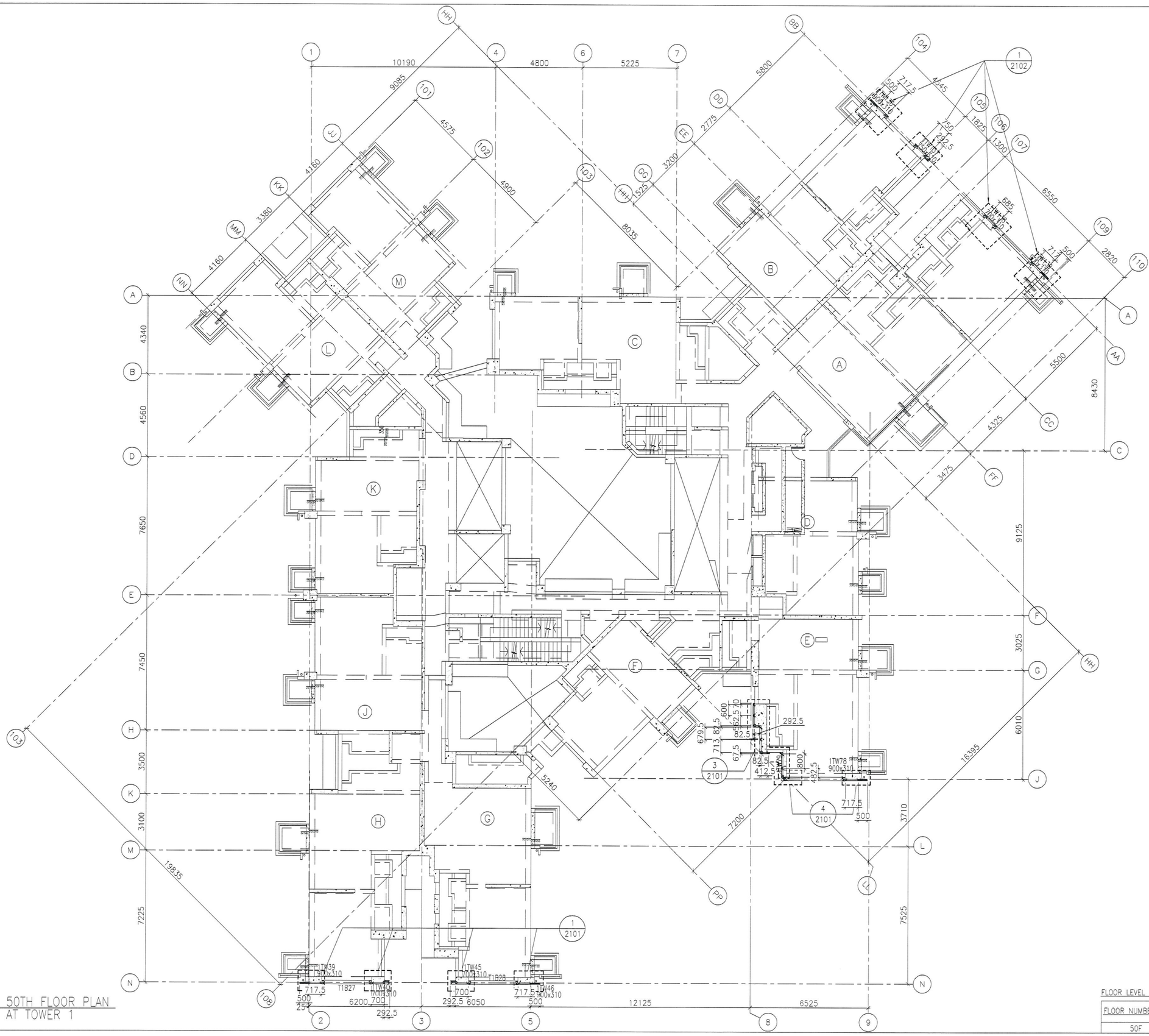
TITLE :
TYPICAL FLOOR PLAN OF GLASS CLADDING AT TOWER 1

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

DRAWN BY : ASING | CHECKED BY : -

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-3102 | REV. : -



1 / - 50TH FLOOR PLAN AT TOWER 1

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

FLOOR NUMBERING	LEVEL (mPD)
50F	+162.100

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

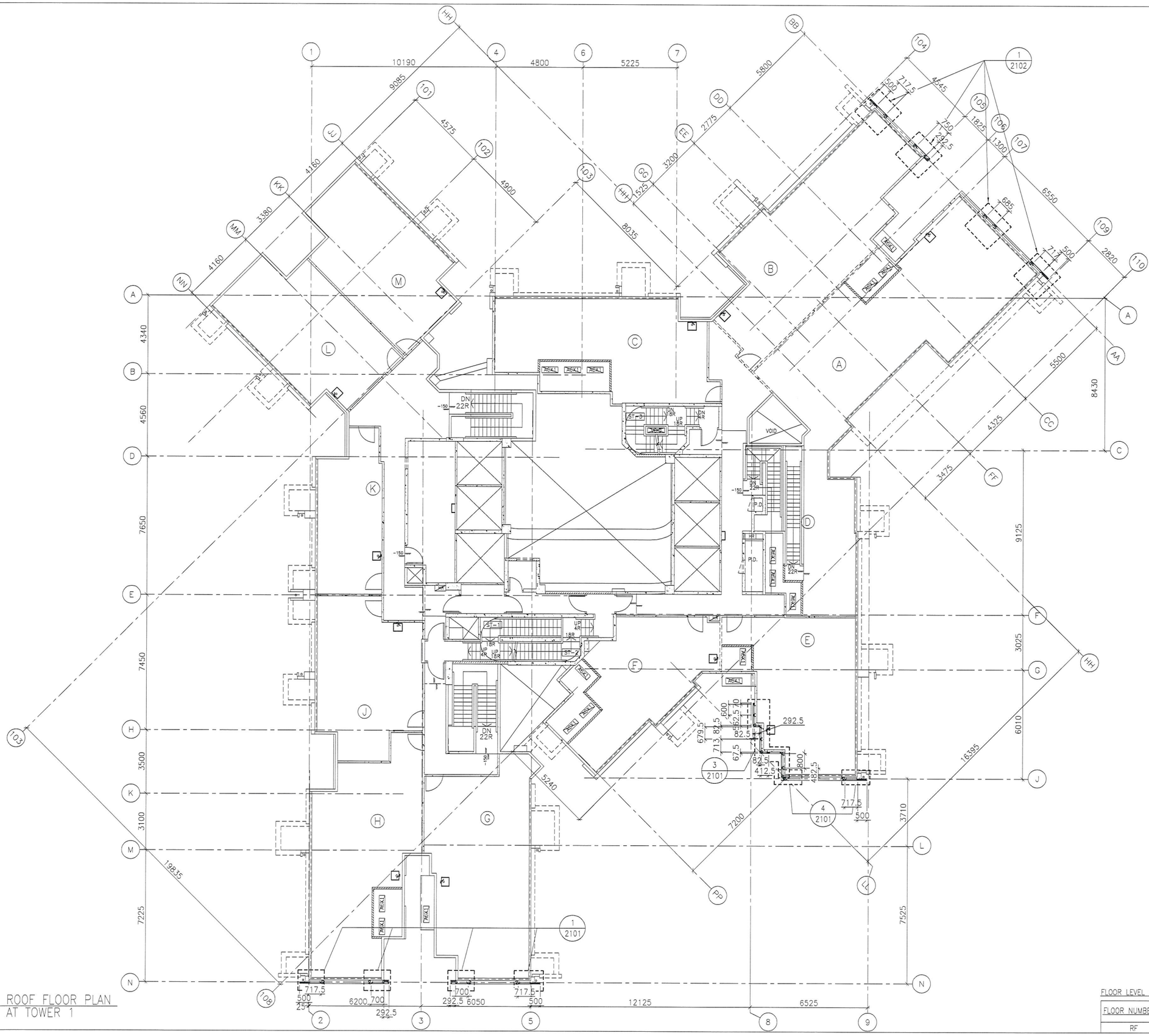
TITLE :
50TH FLOOR PLAN OF GLASS CLADDING AT TOWER 1

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)27727666

DWG NO. : J837-GC-3103 | REV. : -



1 / - ROOF FLOOR PLAN AT TOWER 1

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

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 :
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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

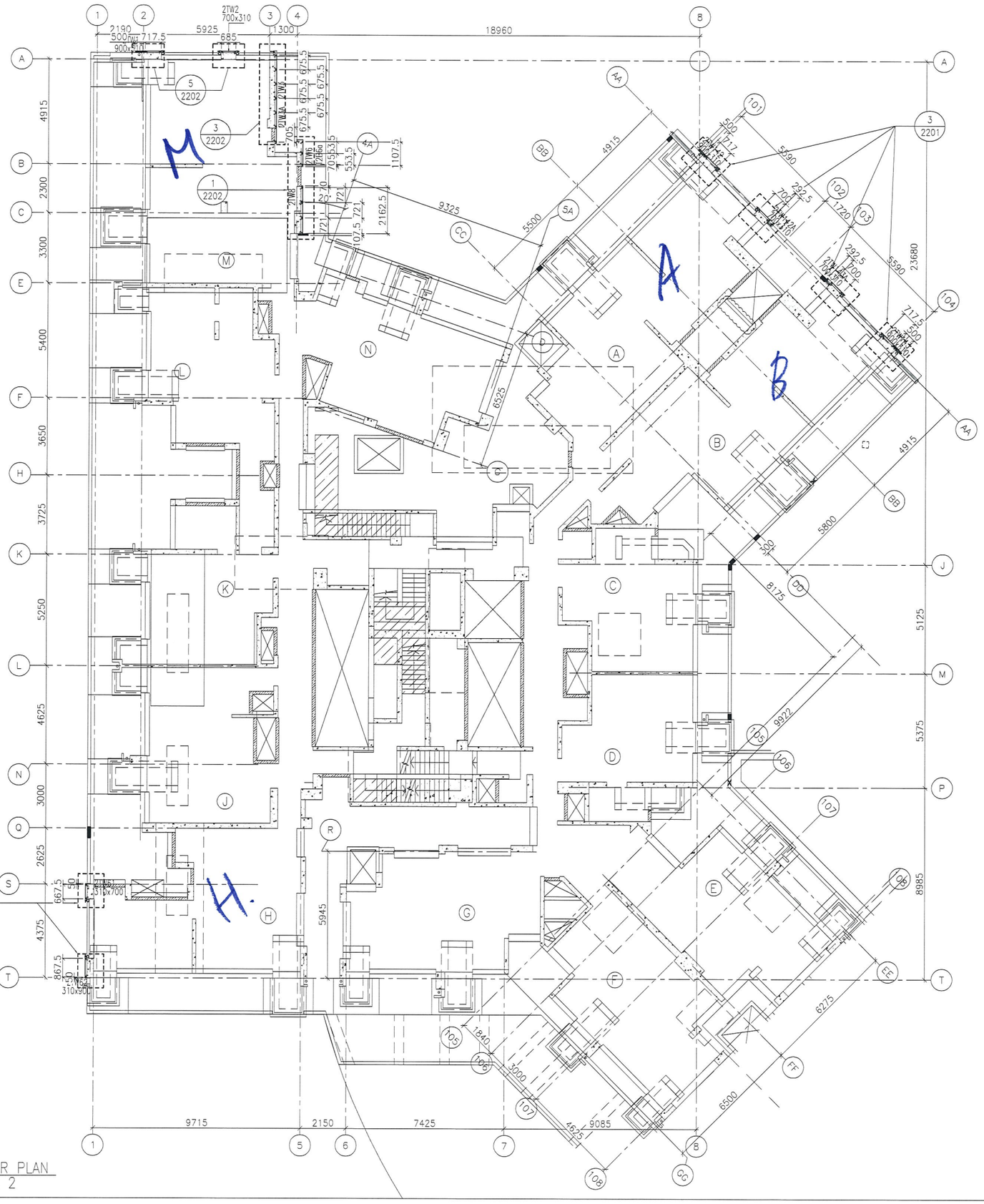
TITLE :
ROOF FLOOR PLAN OF GLASS CLADDING AT TOWER 1

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. : J837-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.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

NO	DATE	REVISED	BY

JOB NO. : J-837

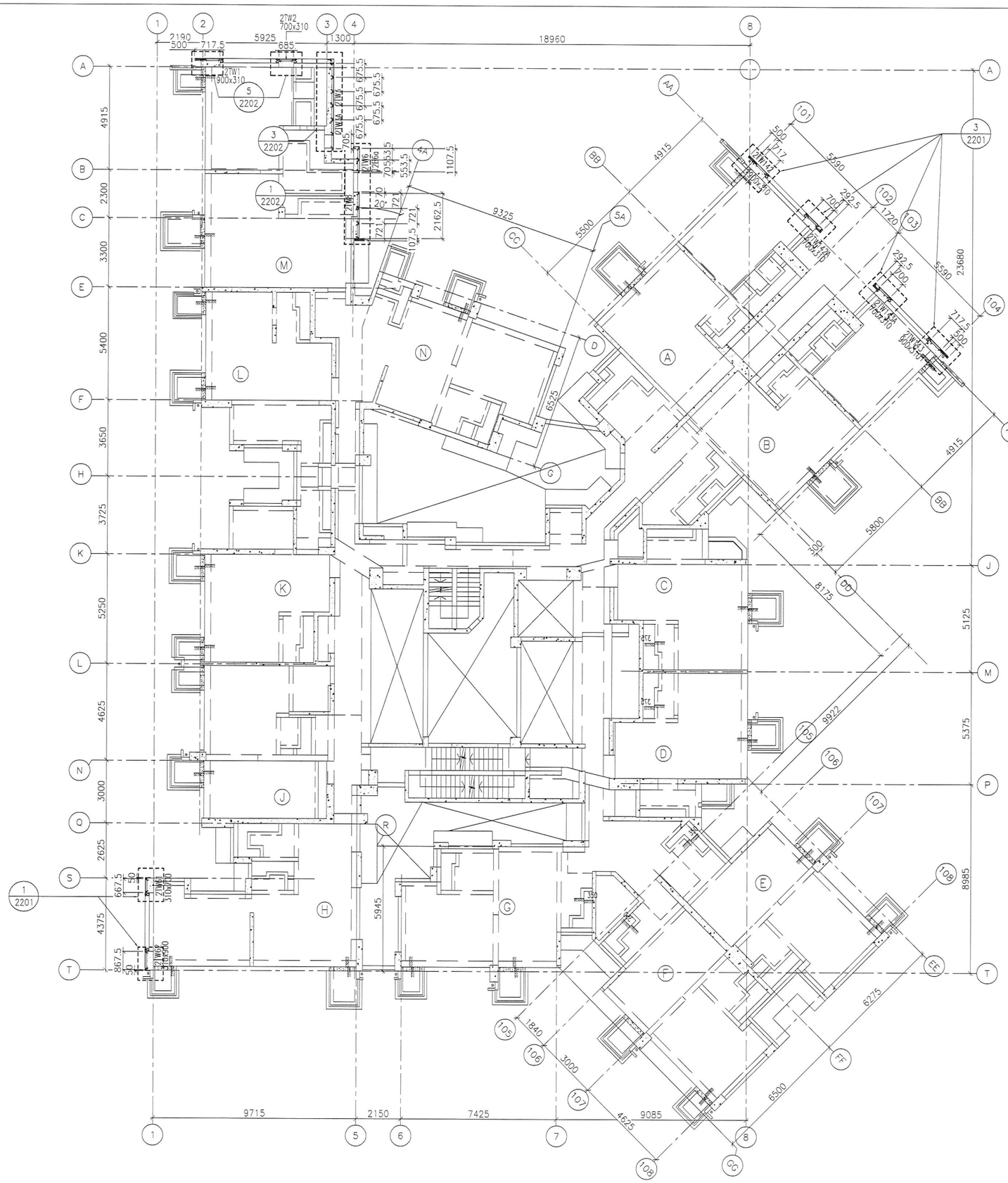
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

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 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-3201 REV. : -



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 :
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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

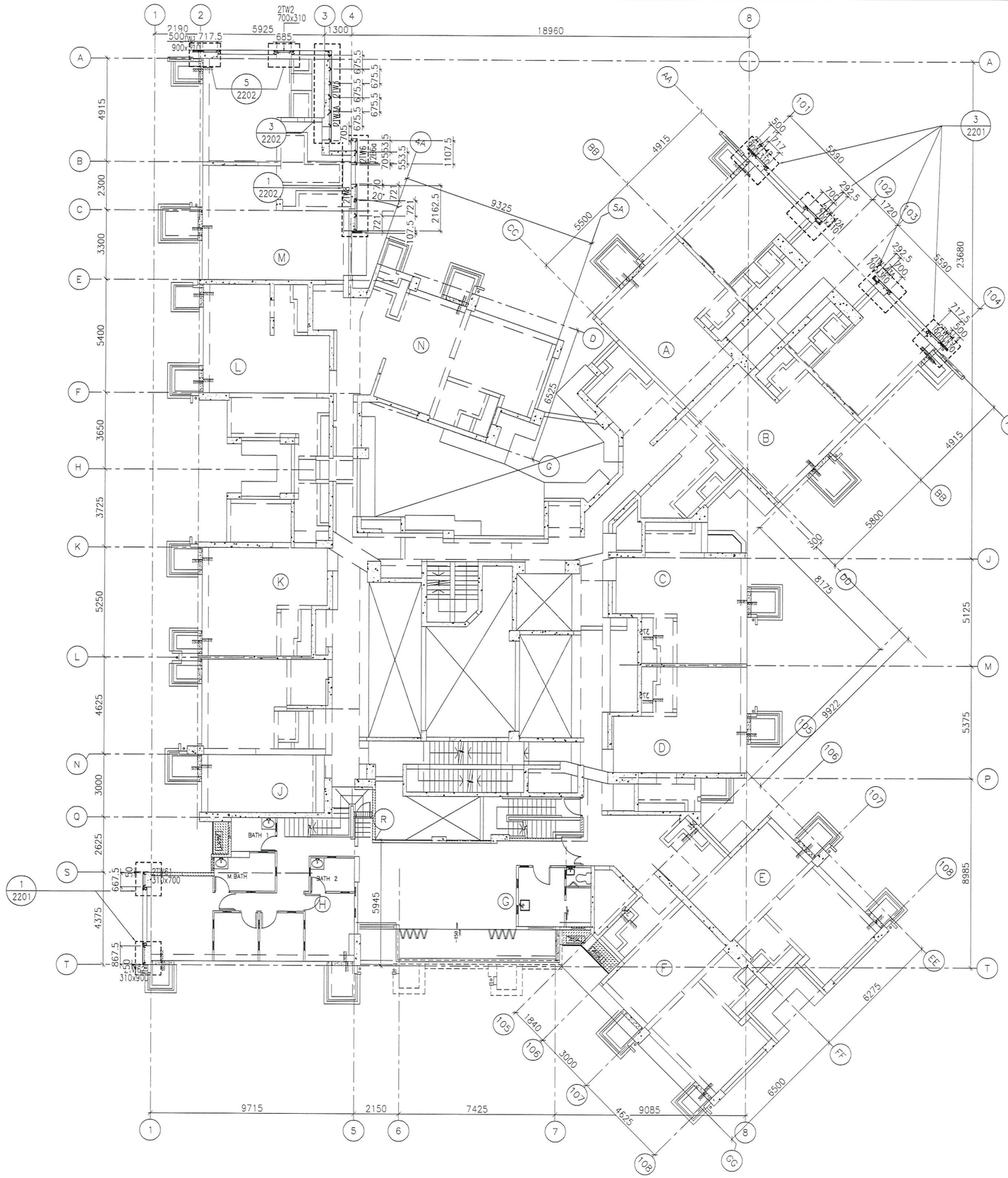
TITLE :
TYPICAL FLOOR PLAN OF GLASS CLADDING AT TOWER 2

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

DRAWN BY : ASING | CHECKED BY : -

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-3202 | 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 :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

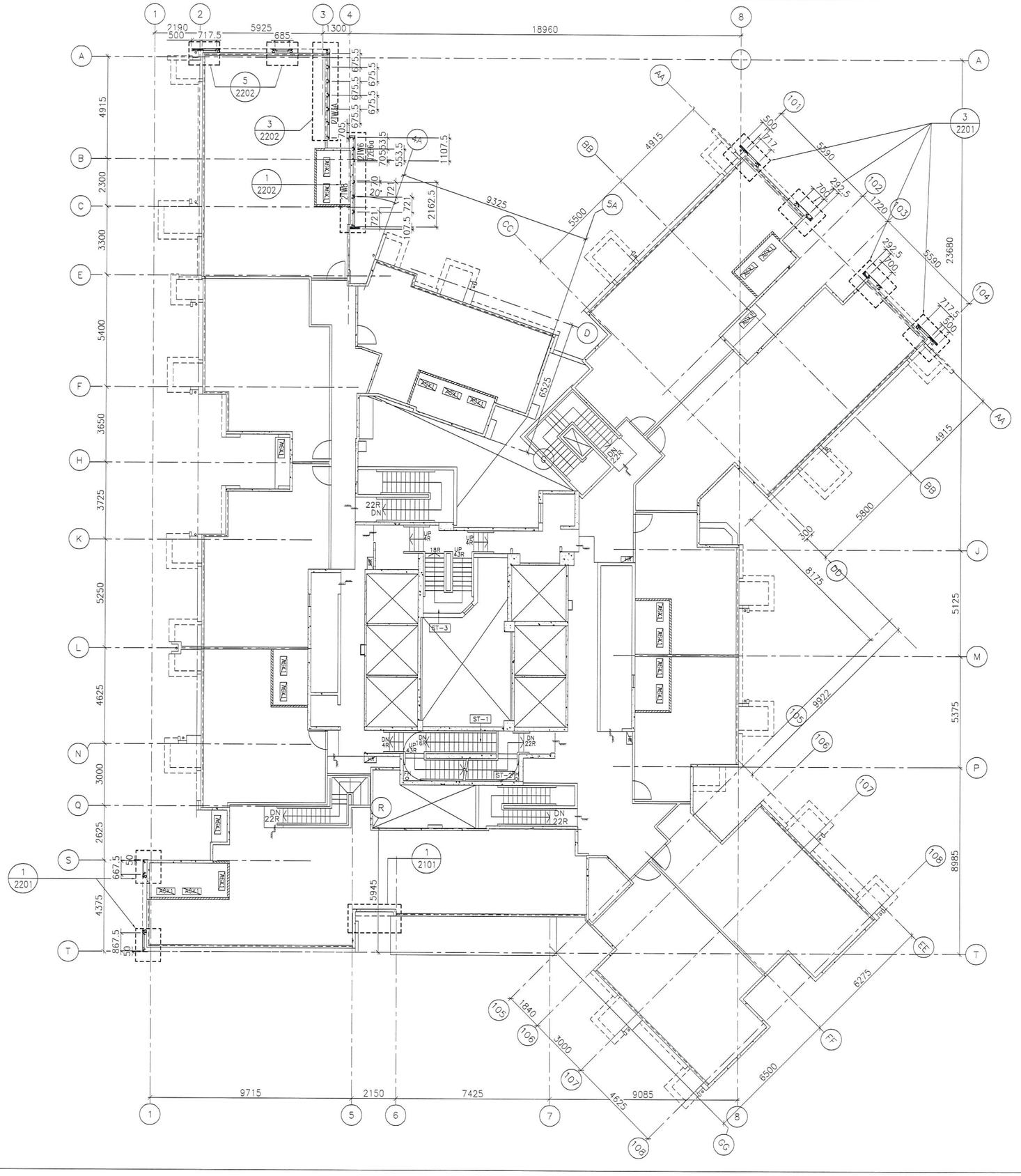
TITLE :
55TH FLOOR PLAN OF GLASS CLADDING AT TOWER 2

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

DRAWN BY : ASING | CHECKED BY : -

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

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



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 :
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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

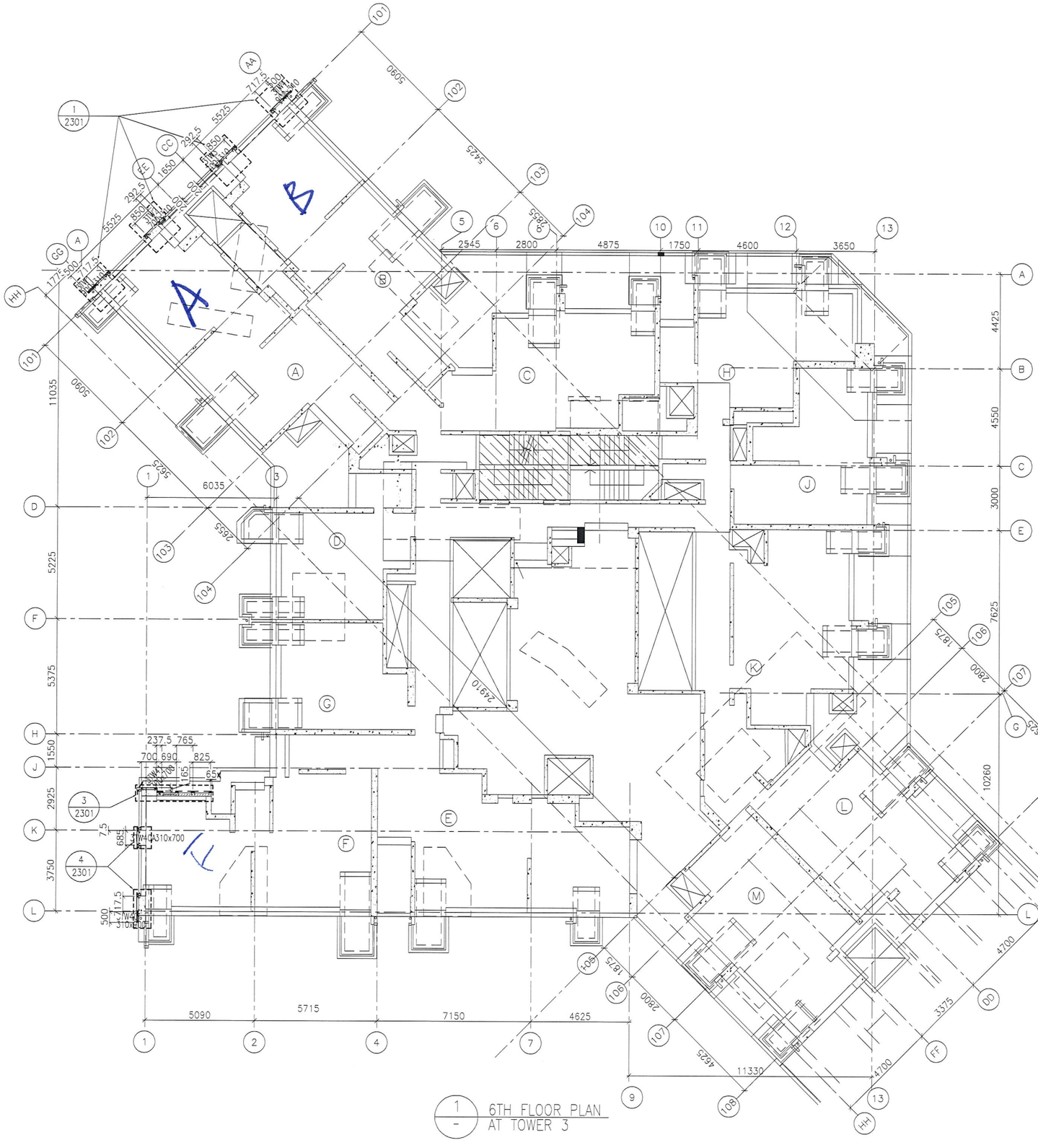
TITLE :
ROOF FLOOR PLAN OF GLASS CLADDING AT TOWER 2

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

DRAWN BY : ASING | CHECKED BY : -

美特鋁質有限公司
MIDI 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-3204 | 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 :
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

NO.	DATE	REVISED	BY

JOB NO. : J-837

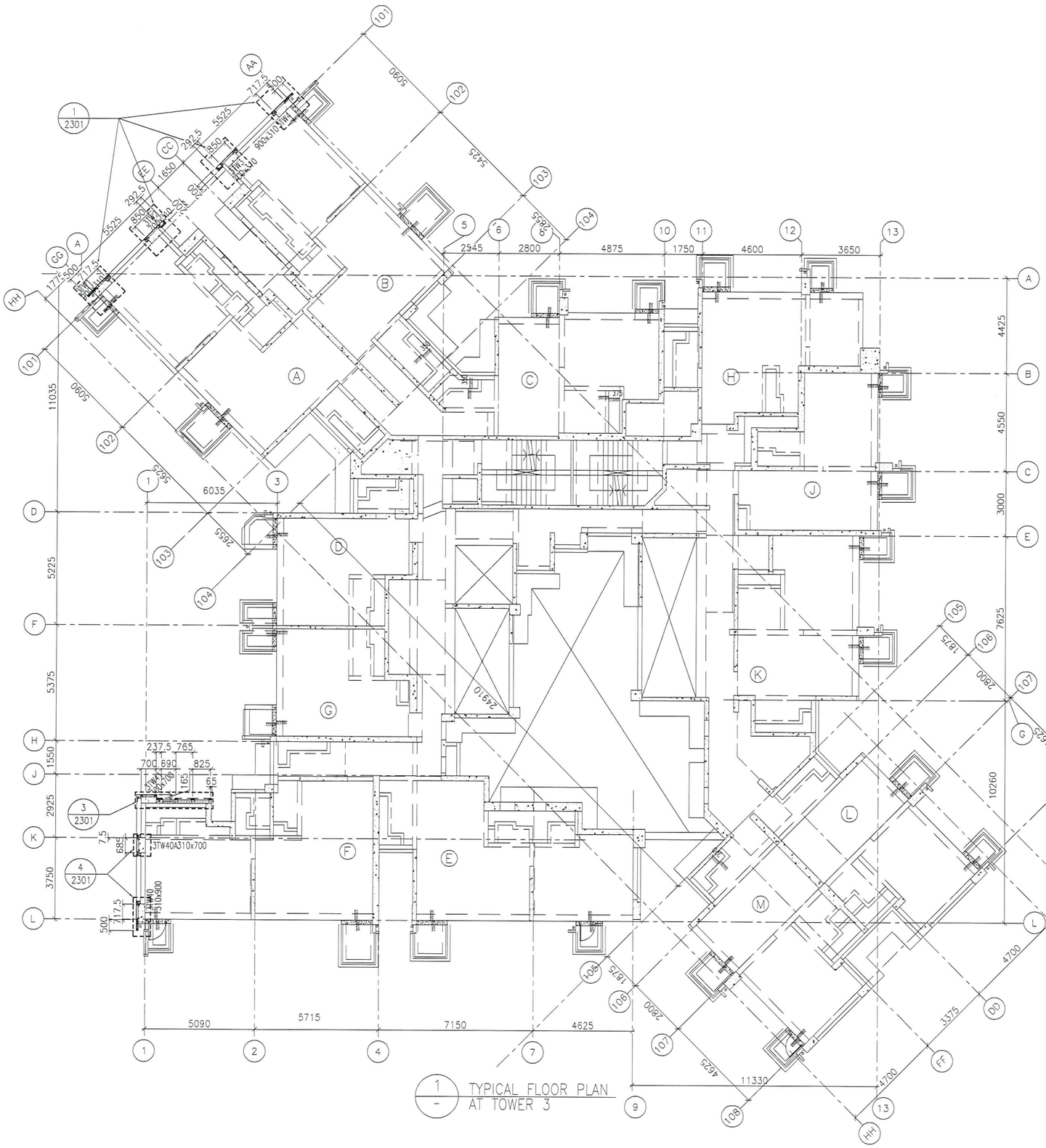
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

TITLE :
6TH FLOOR PLAN OF GLASS CLADDING AT TOWER 3

DATE : 04-JUL-18	SCALE : 1:100 (A1)
DRAWN BY : ASING	CHECKED BY : -

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-3301 REV. : -



FLOOR LEVEL (S.F.L.)(T.3)

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

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

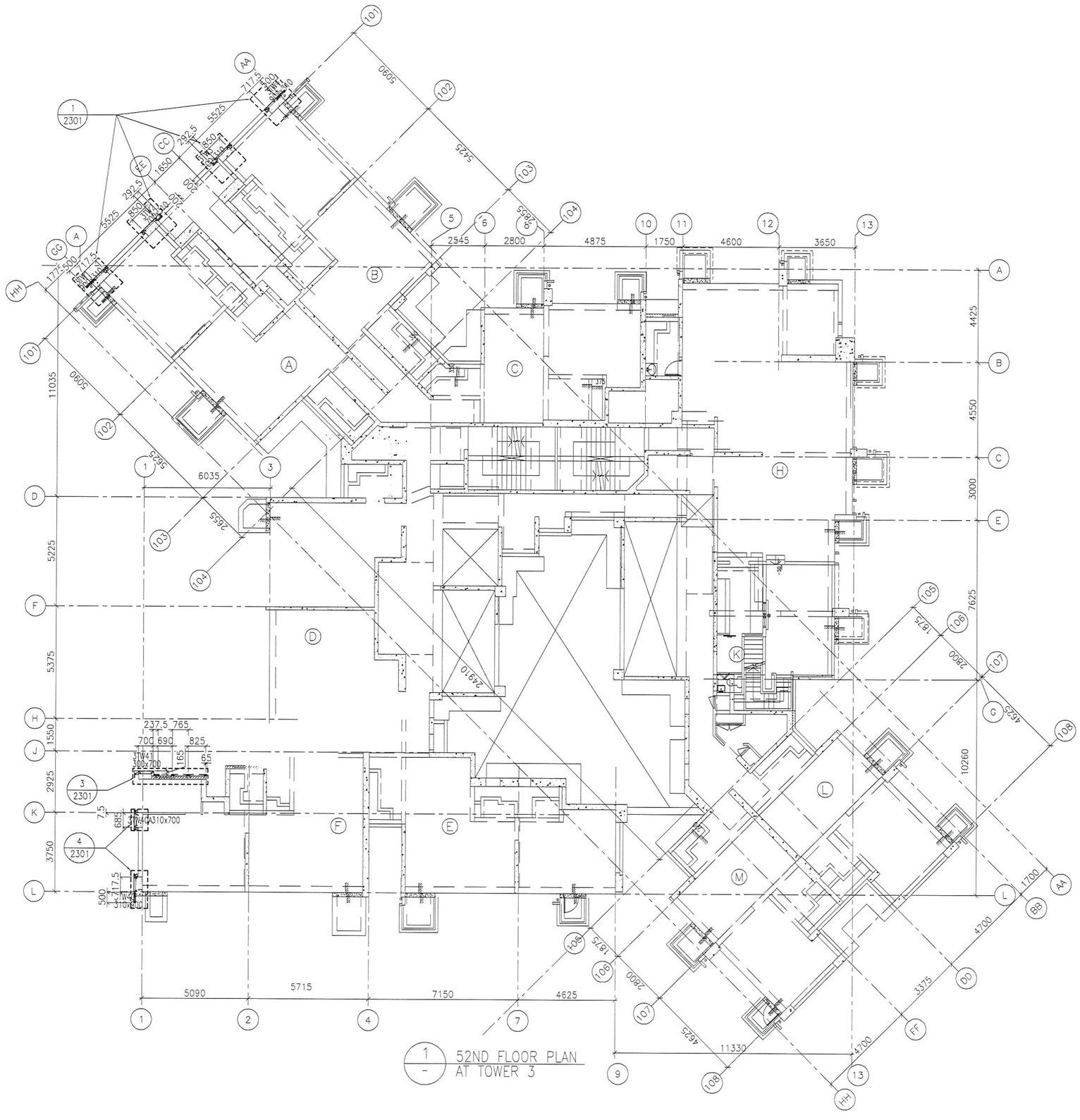
TITLE :
TYPICAL FLOOR PLAN
OF GLASS CLADDING
AT TOWER 3

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)27727666

DWG NO. : J837-GC-3302 | REV. : -



1 / – 52ND FLOOR PLAN AT TOWER 3

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

FLOOR NUMBERING	LEVEL (mPD)
52F	+168.400

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 :
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.
XOO1 — 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

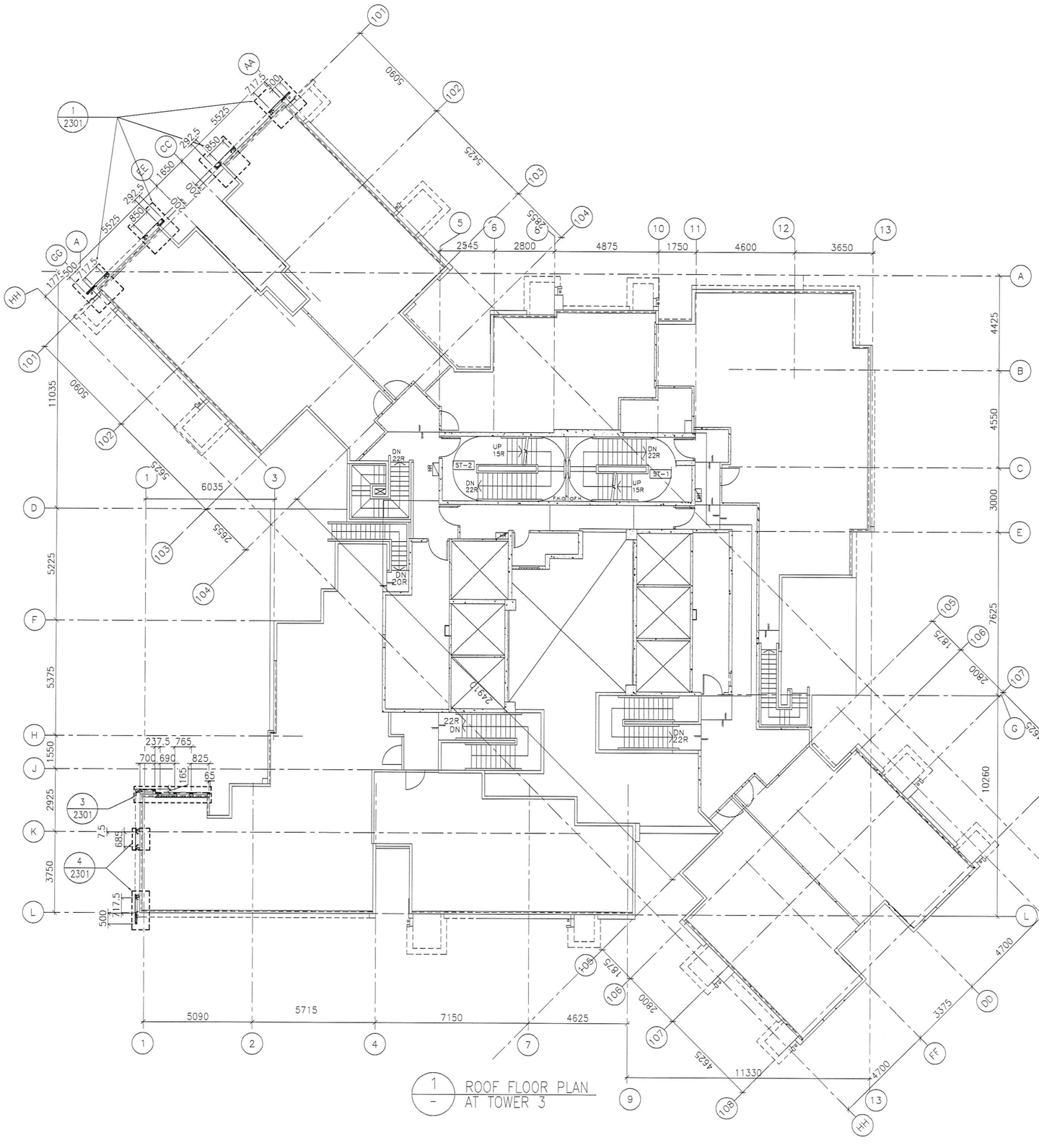
TITLE :
52ND FLOOR PLAN OF GLASS CLADDING AT TOWER 3

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

DRAWN BY : ASING | CHECKED BY : –

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-3303 | REV. : –



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 :
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

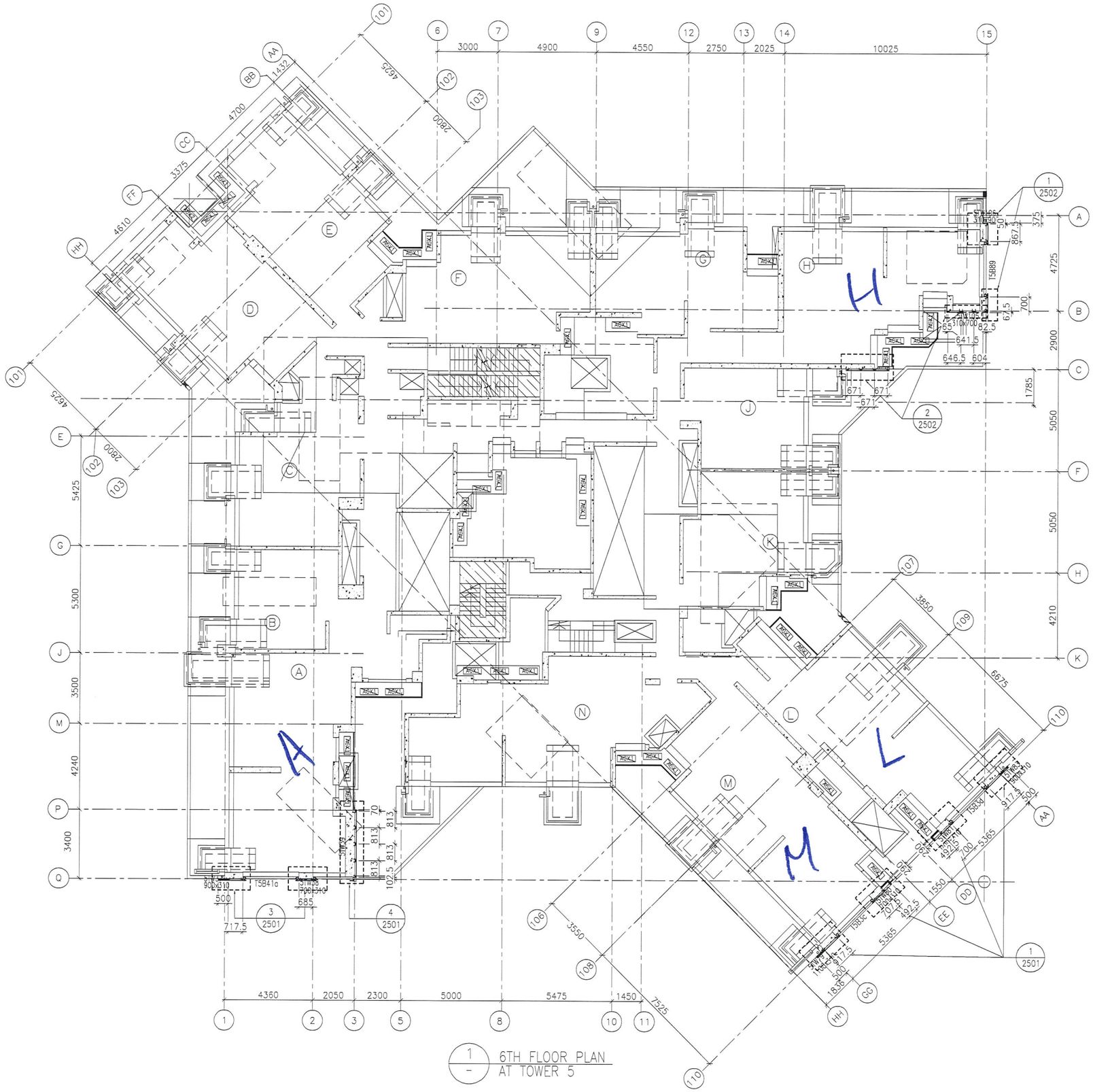
TITLE :
ROOF FLOOR PLAN OF GLASS CLADDING AT TOWER 3

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

DRAWN BY : ASING | CHECKED BY : –

美特鋁質有限公司
MIDI 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. : –



1 / - 6TH FLOOR PLAN AT TOWER 5

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

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

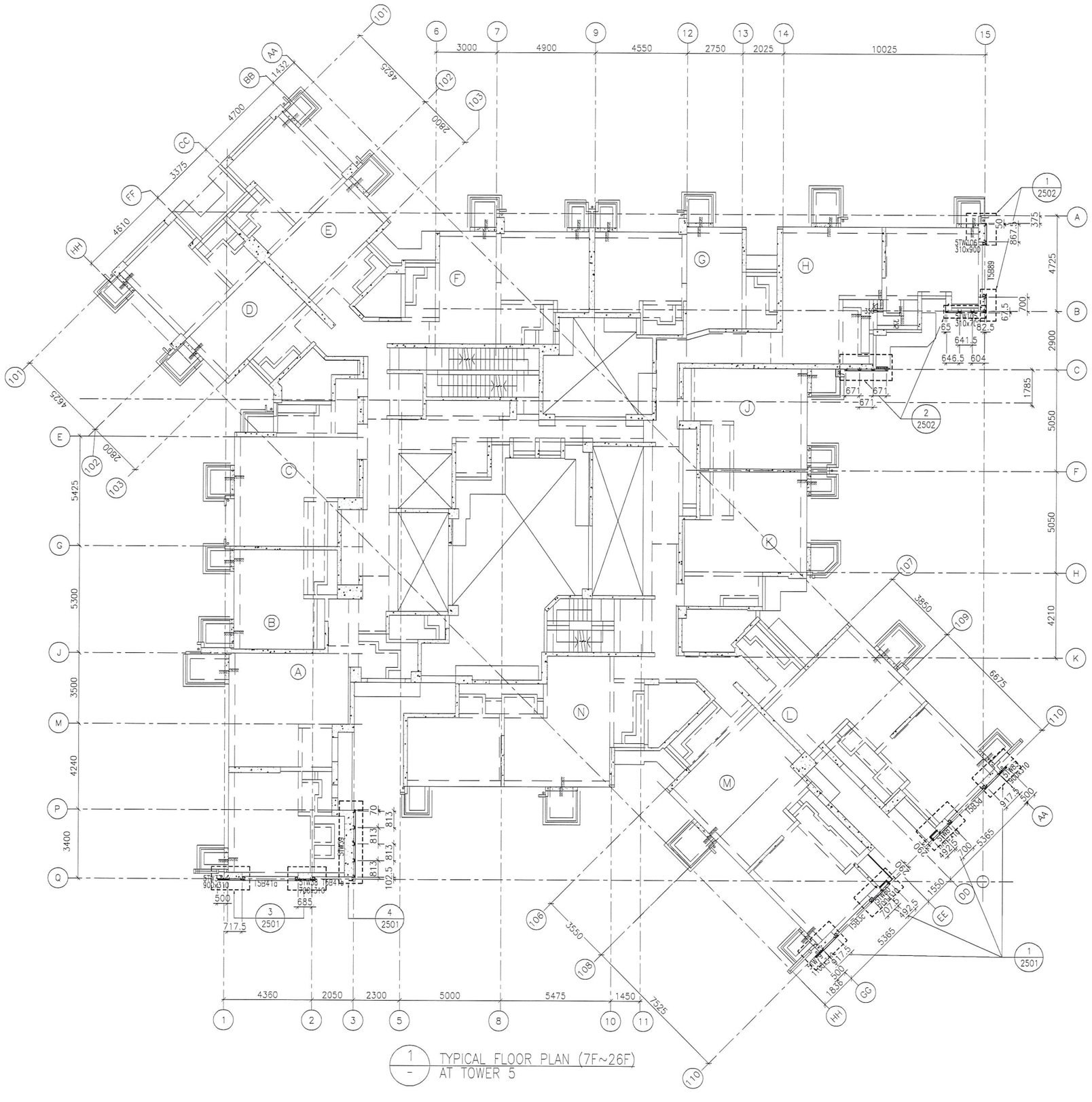
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

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

DATE : 04-JUL-18	SCALE : 1:100 (A1)
DRAWN BY : ASING	CHECKED BY : -

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-3501 REV. : -



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

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 / X00 — DETAIL MARK NO. / REFER SHEET NO.
1. F.F.L. --FINISHED FLOOR LEVEL
2. S.F.L. --STRUCTURAL FLOOR LEVEL
3. /R --REVERSED DETAIL

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

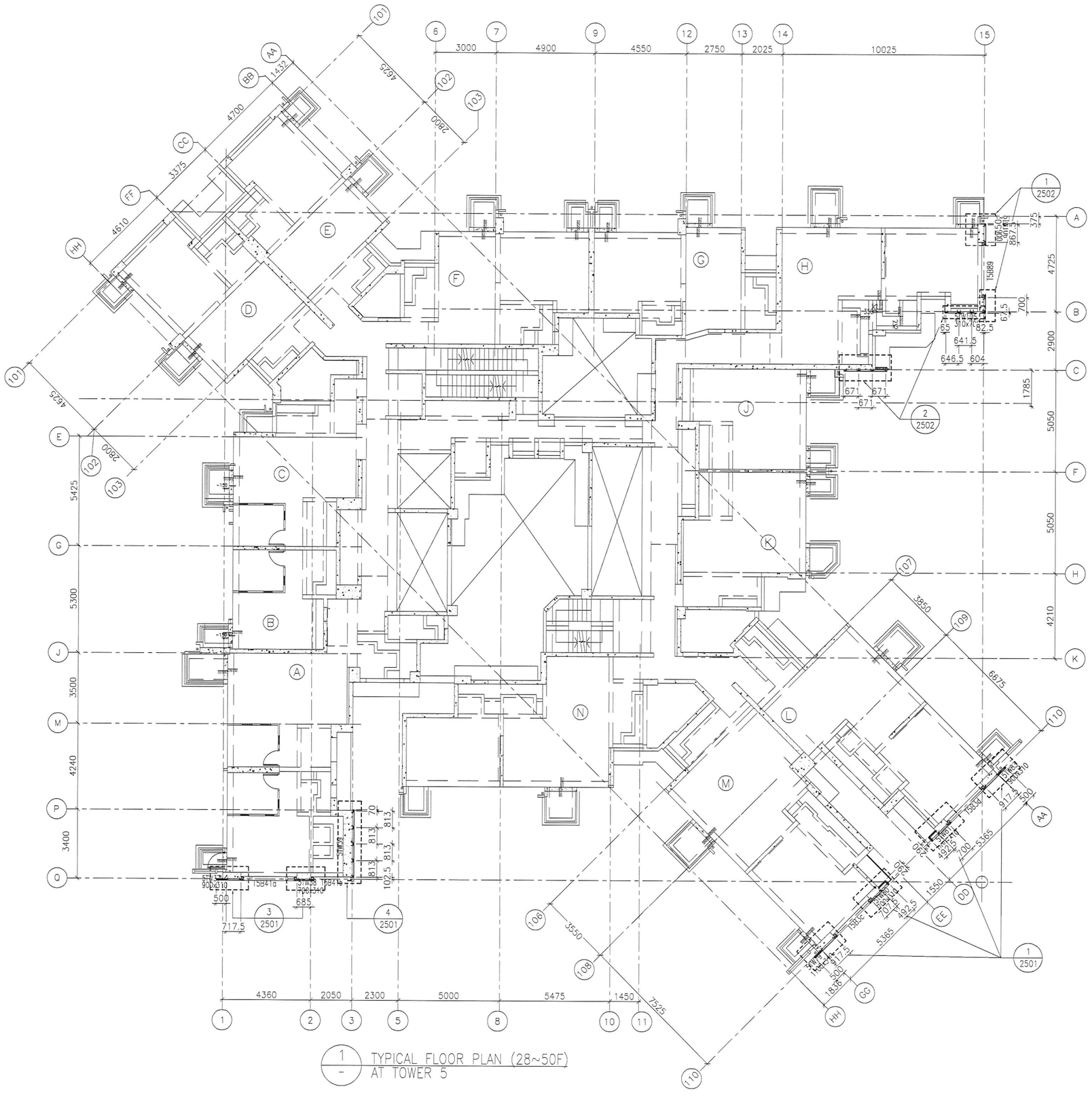
TITLE :
TYPICAL FLOOR PLAN (7F~26F) OF GLASS CLADDING AT TOWER 5

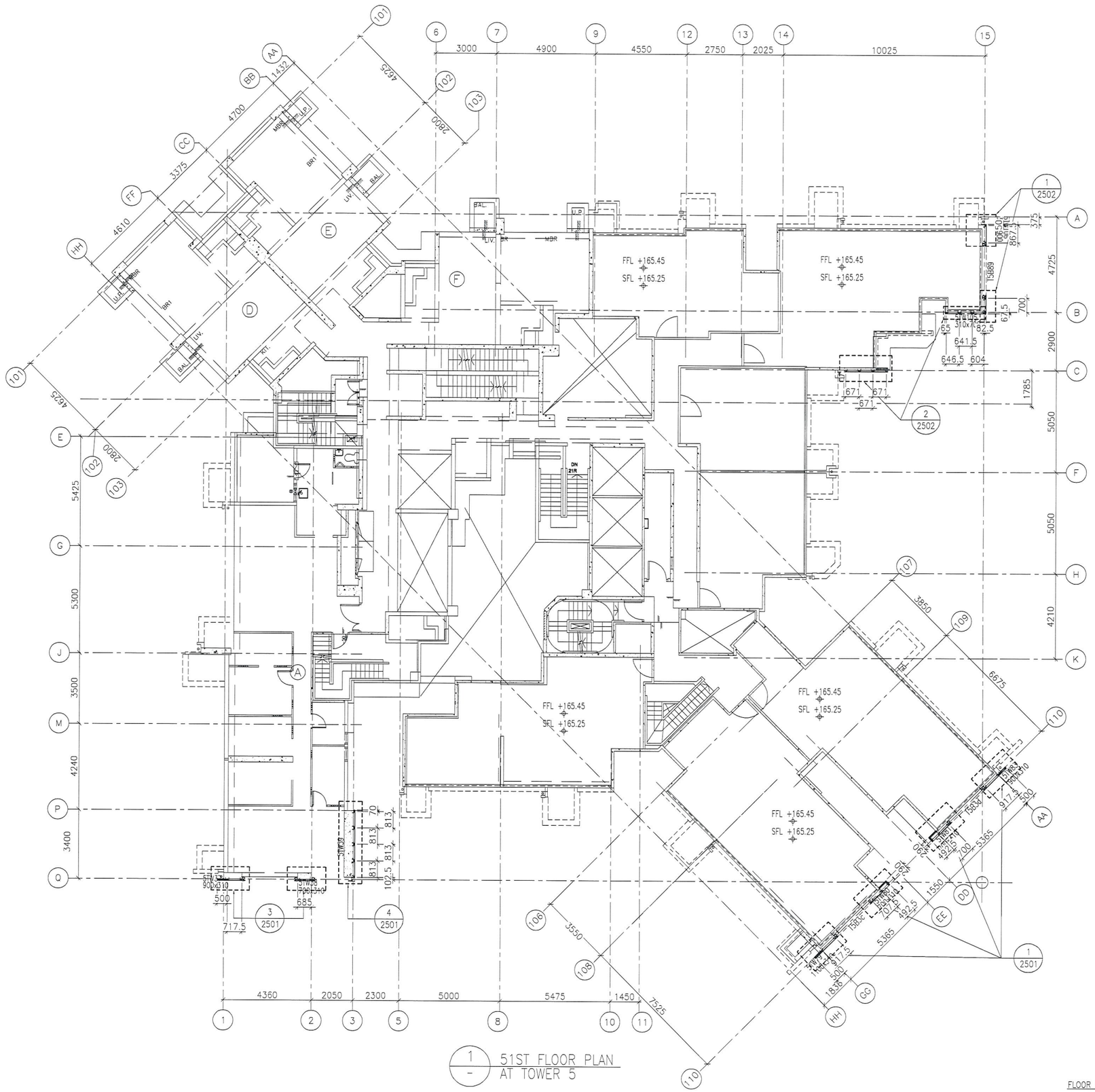
DATE : 04-JUL-18 | SCALE : 1:100 (A1)

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. : -


6
7
9
12
13
14
15
3000
4900
4550
2750
2025
10025
101
102
103
4625
2800
AA
BB
CC
FF
HH
1432
4700
3375
4610
A
B
C
D
E
F
G
H
J
K
L
M
N
1
2502
2
2502
3
2501
4
2501
4725
2900
5050
5050
4210
1785
700
775
867
1588
1575
700
641.5
646.5
604
671
671
671
5425
5300
3500
4240
3400
4360
2050
2300
5000
5475
1450
7525
717.5
685
500
813
813
813



1 / - 51ST FLOOR PLAN AT TOWER 5

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

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

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

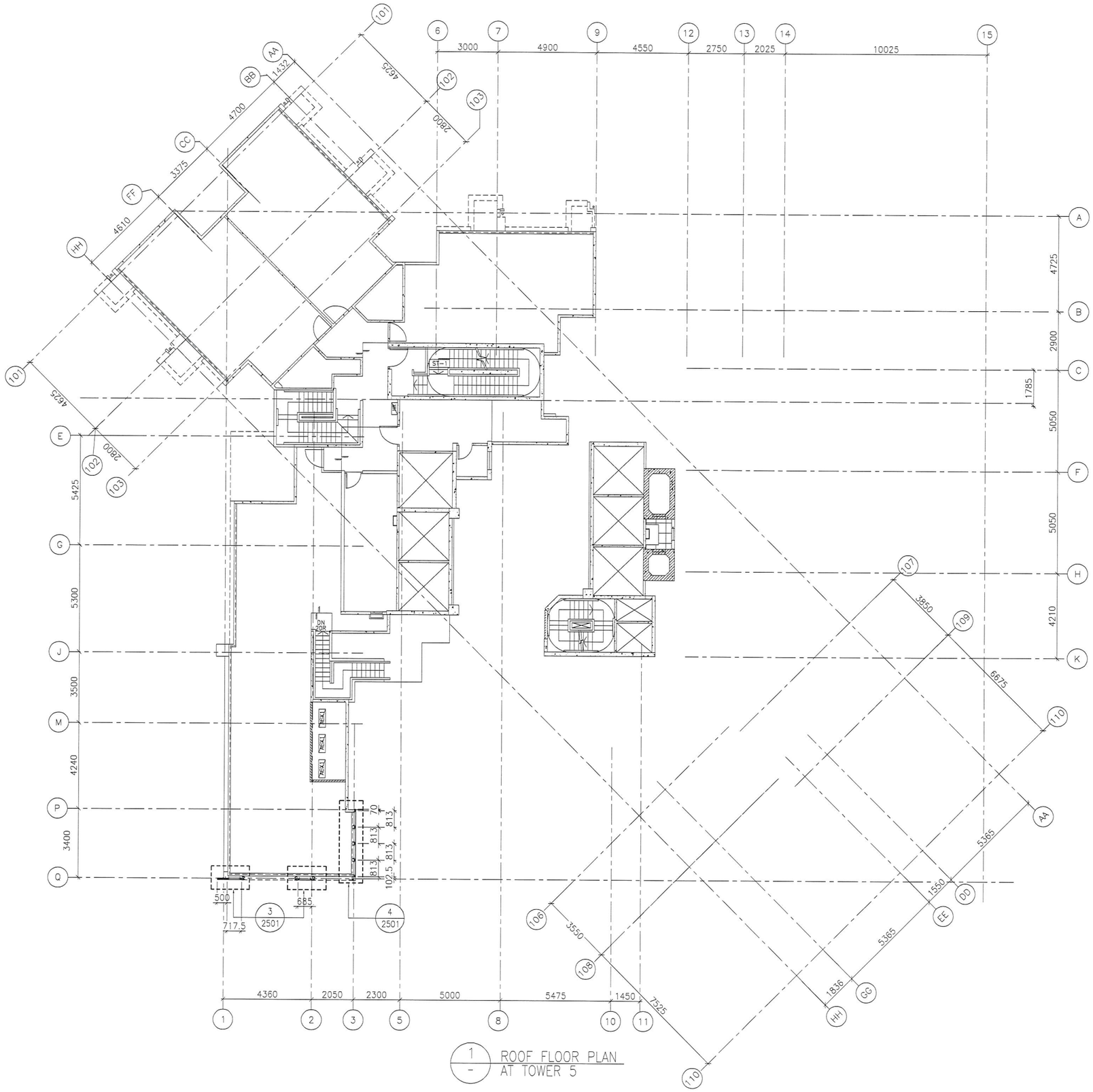
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

TITLE :
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 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-3504 REV. : -



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

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

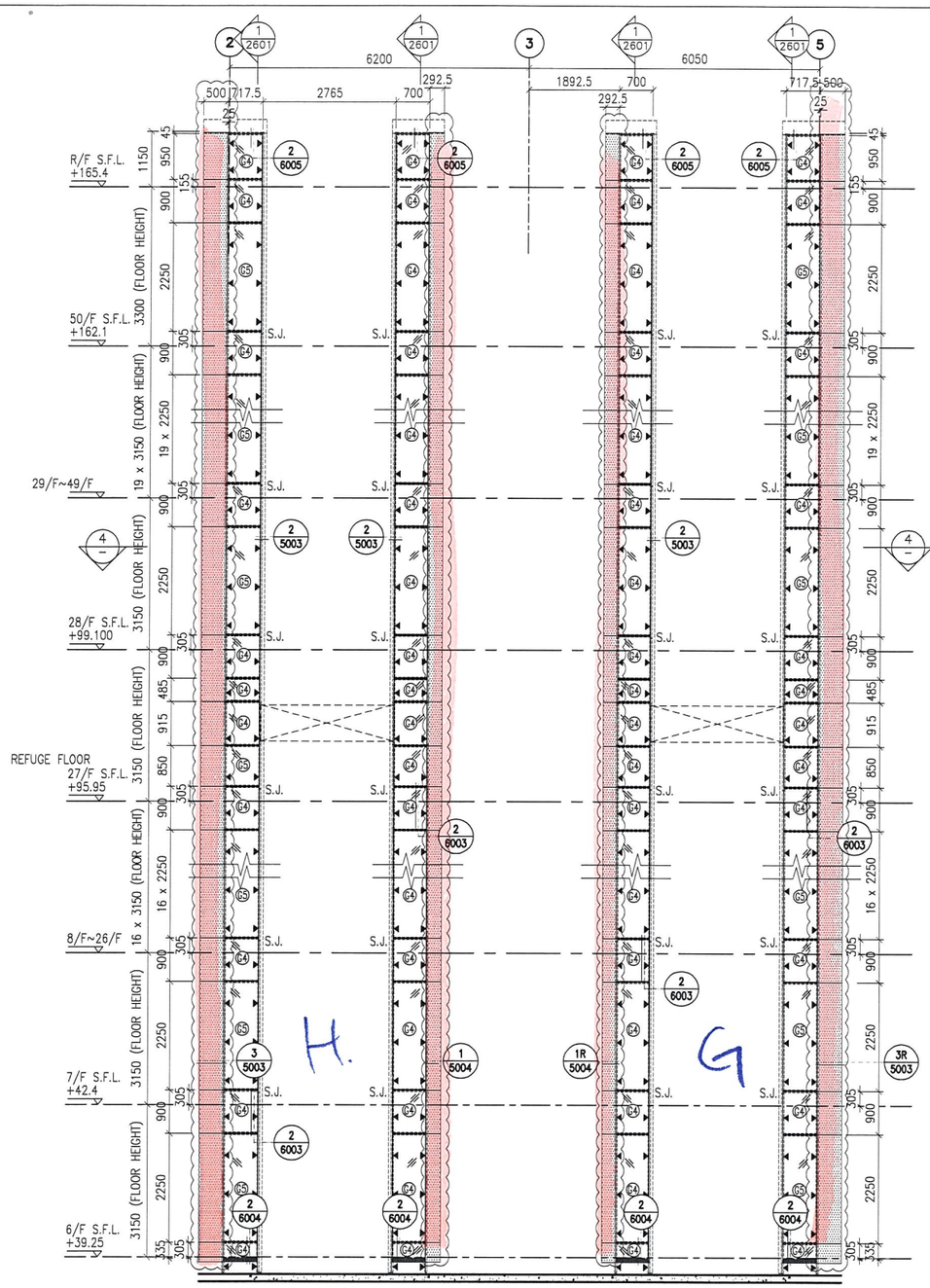
TITLE :
ROOF FLOOR PLAN OF GLASS CLADDING AT TOWER 5

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

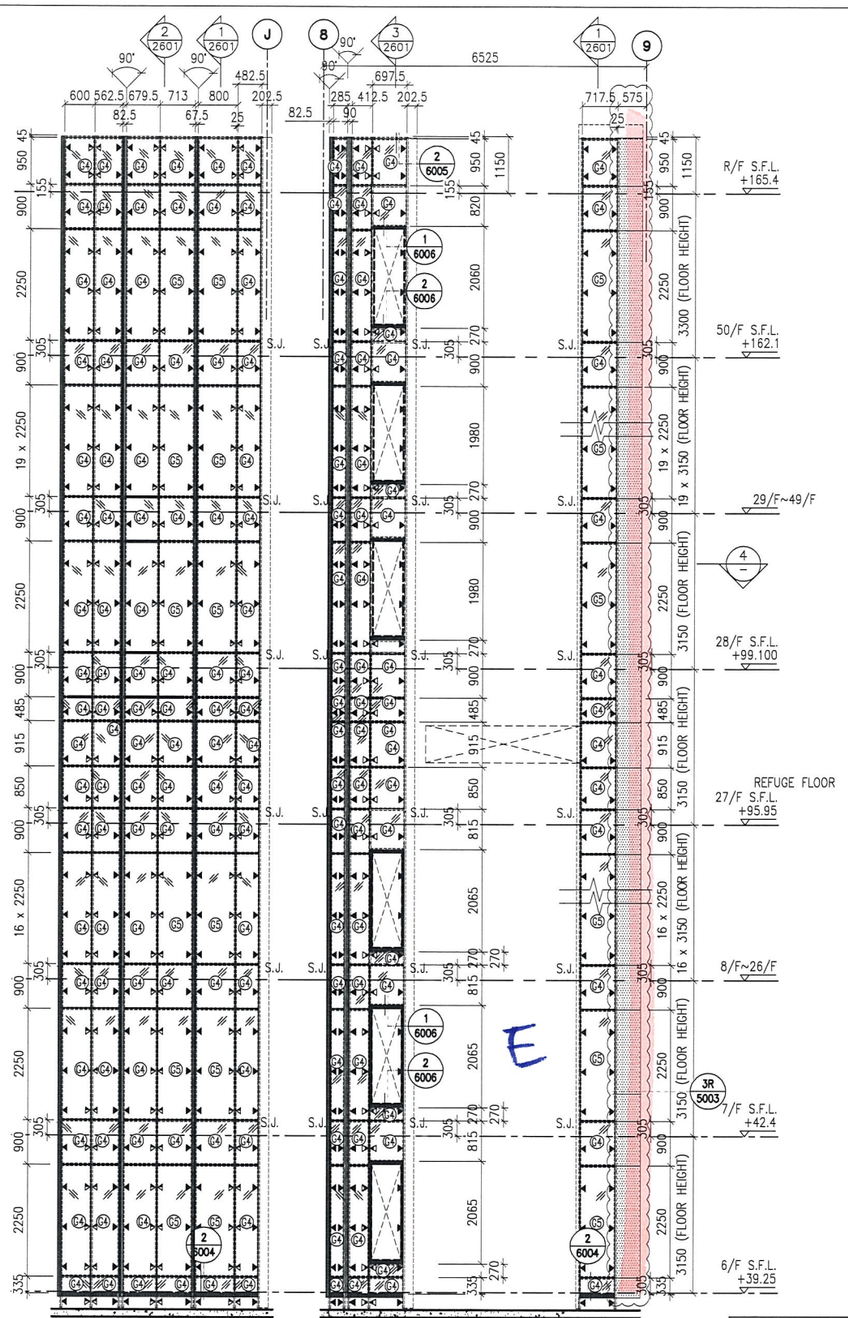
DRAWN BY : ASING | CHECKED BY : –

美特鋁質有限公司
MIDI 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-3505 | REV. : –

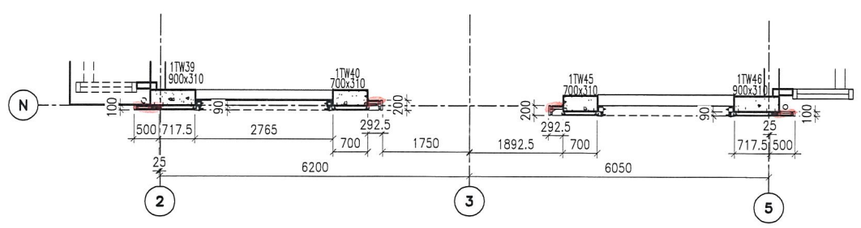


1 / – PART ELEVATION FOR GLASS CLADDING

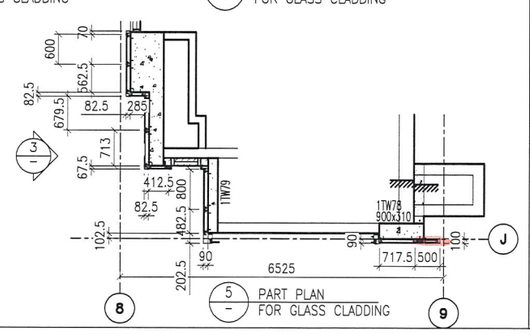


3 / – PART ELEVATION FOR GLASS CLADDING

4 / – PART ELEVATION FOR GLASS CLADDING



2 / – PART PLAN FOR GLASS CLADDING



5 / – PART PLAN FOR GLASS CLADDING

LEGEND:

- G4+ – 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
- G5+ – 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 (@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 :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

NO.	DATE	REVISED	BY
A	15/10/2018	GENERAL REVISED	

JOB NO. : J–837

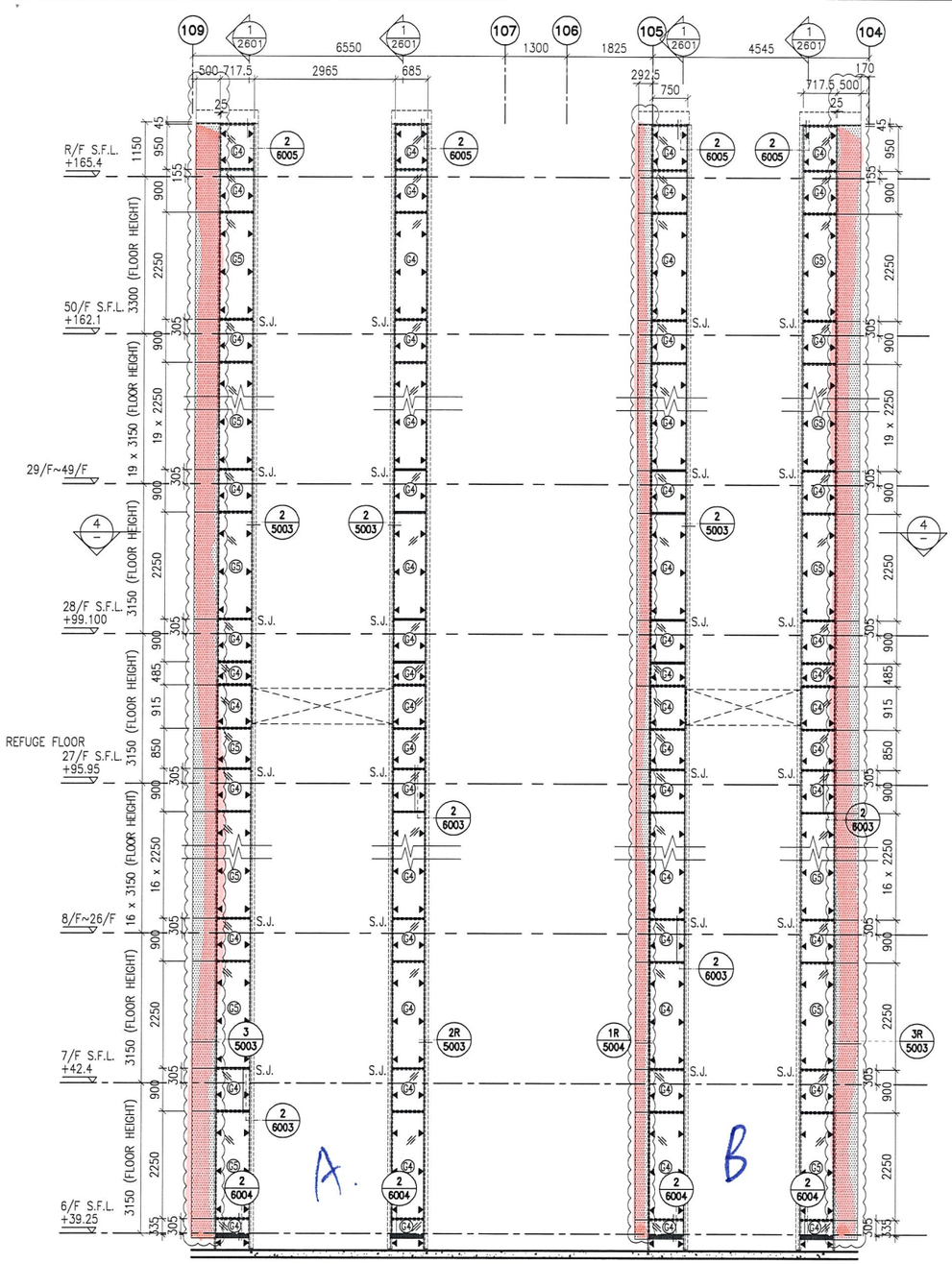
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

TITLE :
PART ELEVATION OF GLASS CLADDING AT TOWER 1

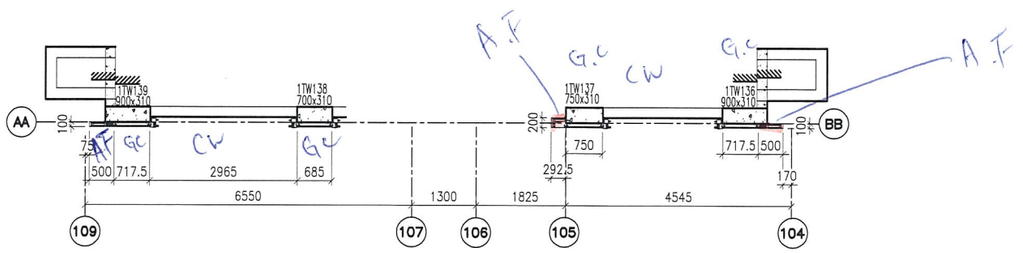
DATE : 04–JUL–18	SCALE : 1:60 (A1)
DRAWN BY : ASING	CHECKED BY : –

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

DWG NO. : J837–GC–2101 REV. : A



1 / – PART ELEVATION FOR GLASS CLADDING



2 / – PART PLAN FOR GLASS CLADDING

LEGEND:

- G4+ – 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
- G5+ – 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 (@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 :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

NO.	DATE	REVISED	BY
A	15/10/2018	GENERAL REVISED	

JOB NO. : J–837

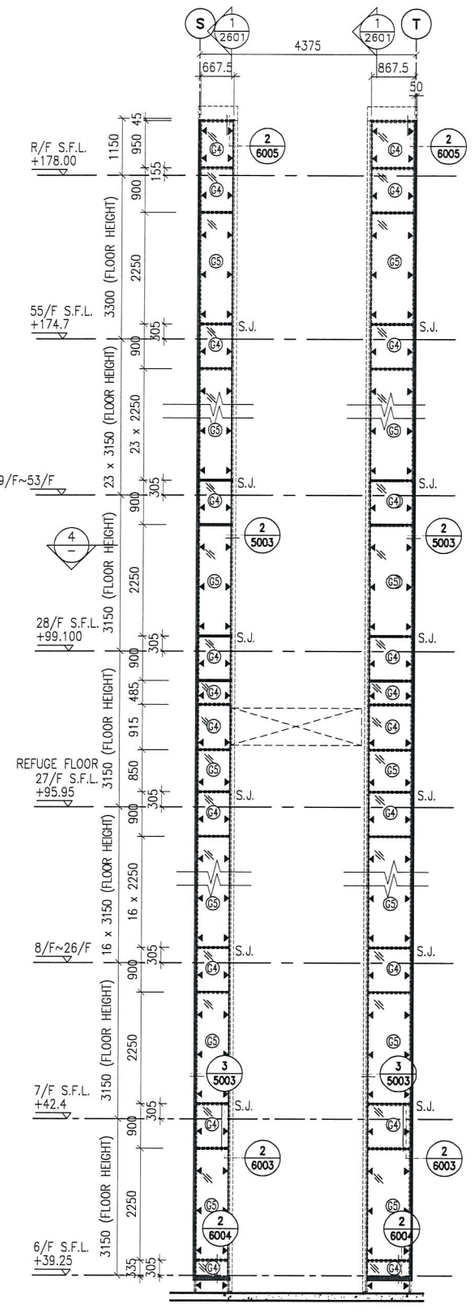
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

TITLE :
PART ELEVATION OF GLASS CLADDING AT TOWER 1

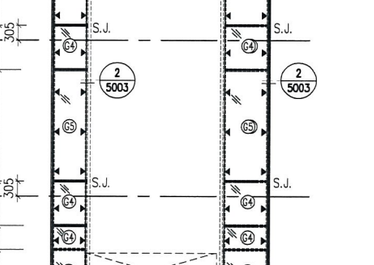
DATE : 04–JUL–18	SCALE : 1:60 (A1)
DRAWN BY : ASING	CHECKED BY : –

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

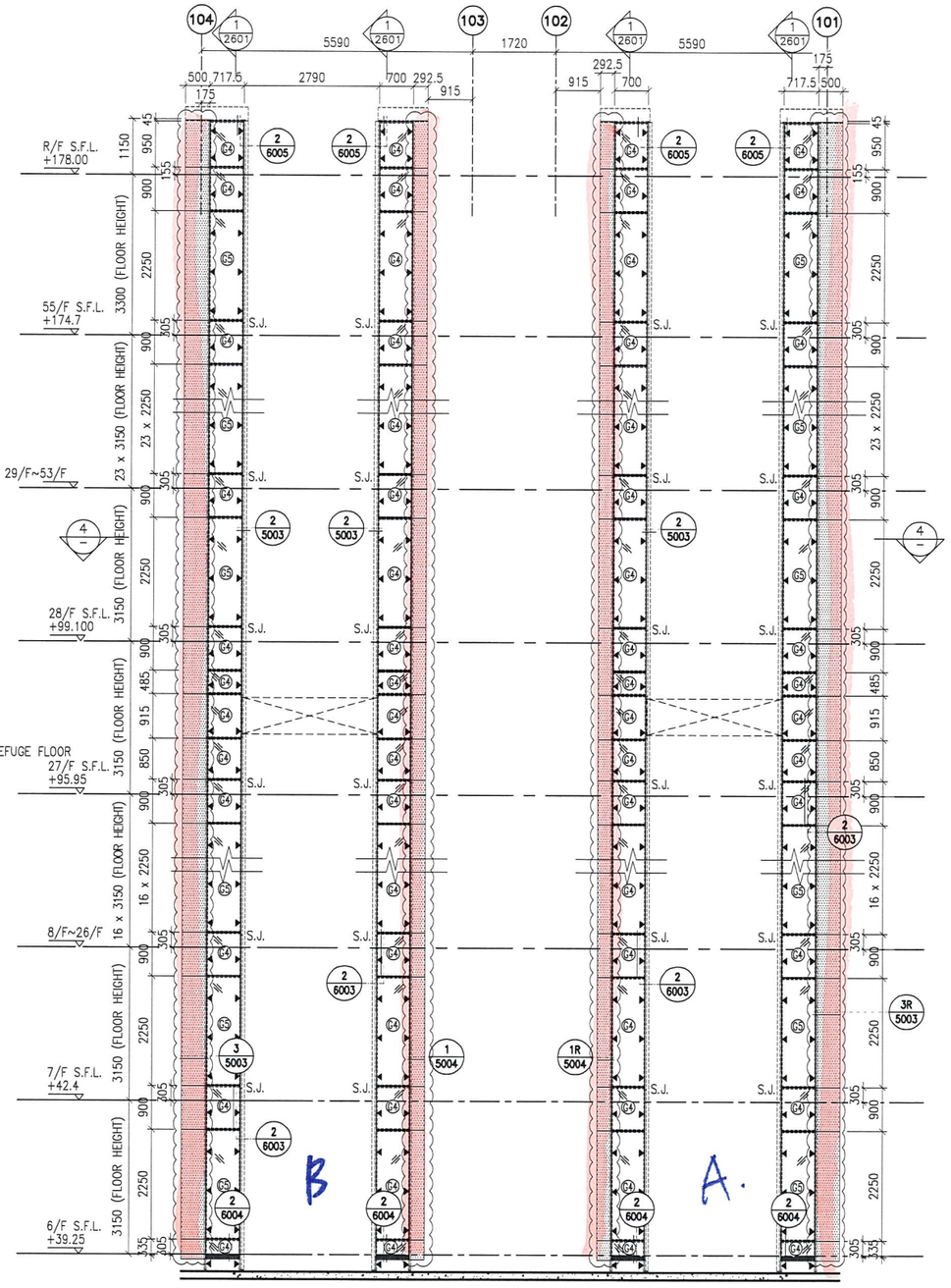
DWG NO. : J837–GC–2102 | REV. : A



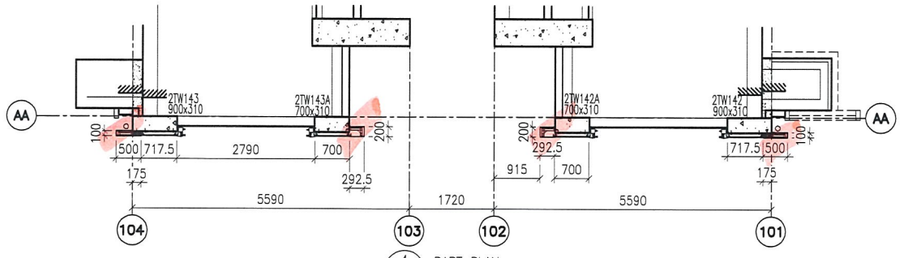
1 / – PART ELEVATION FOR GLASS CLADDING



2 / – PART PLAN FOR GLASS CLADDING



3 / – PART ELEVATION FOR GLASS CLADDING



4 / – PART PLAN FOR GLASS CLADDING

LEGEND:

- G4+ – 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
- G5+ – 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 (@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 :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

NO.	DATE	REVISED	BY
A	15/10/2018	GENERAL REVISED	

JOB NO. : J–837

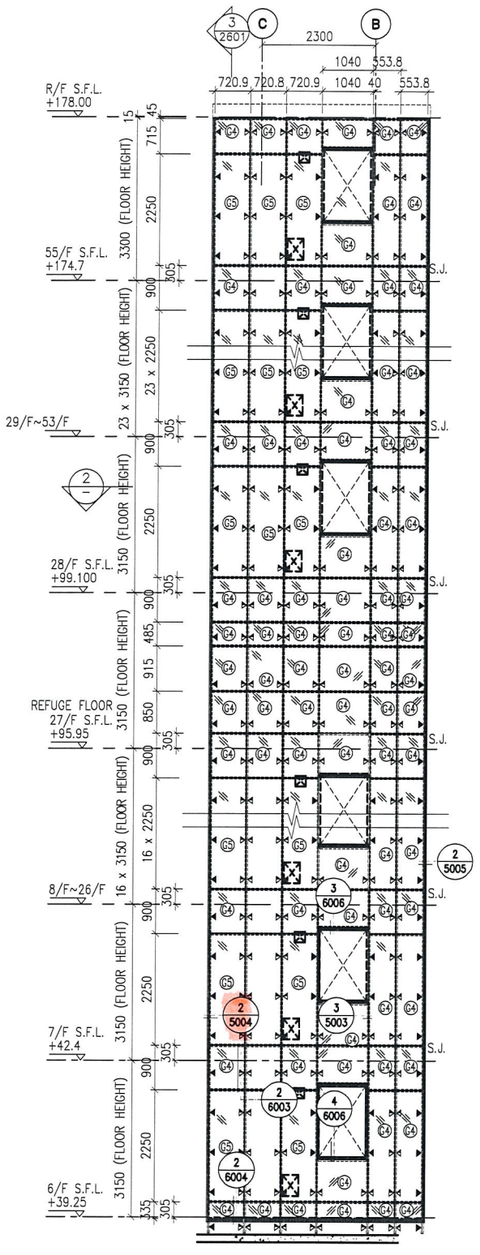
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

TITLE :
PART ELEVATION OF GLASS CLADDING AT TOWER 2

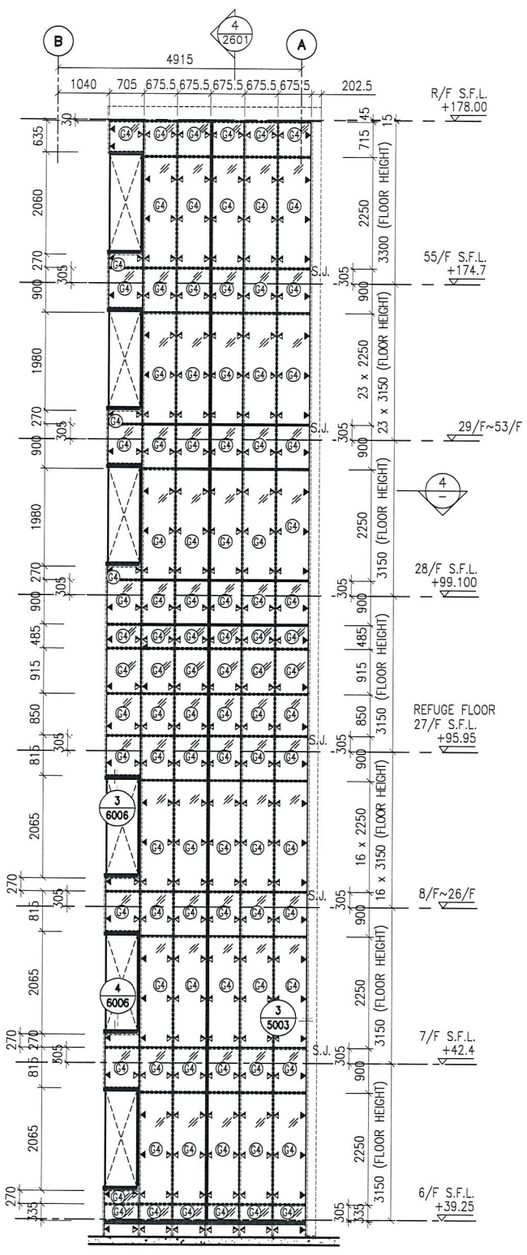
DATE : 04–JUL–18	SCALE : 1:60 (A1)
DRAWN BY : ASING	CHECKED BY : –

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

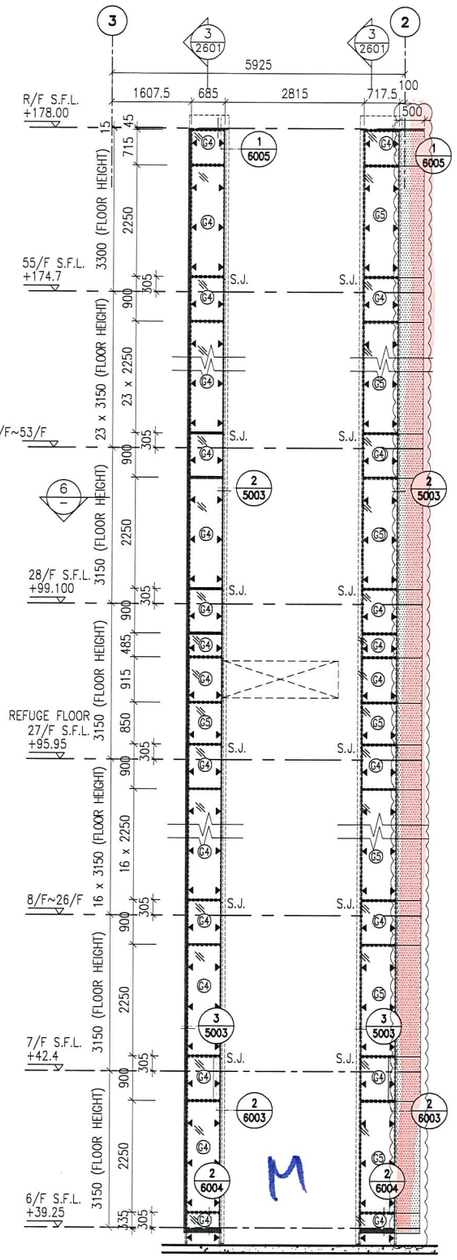
DWG NO. : J837–GC–2201 REV. : A



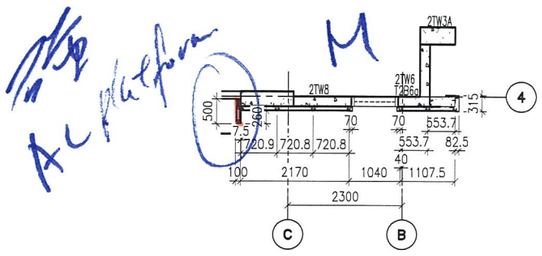
1 / – PART ELEVATION FOR GLASS CLADDING



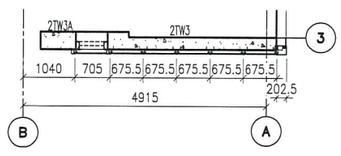
3 / – PART ELEVATION FOR GLASS CLADDING



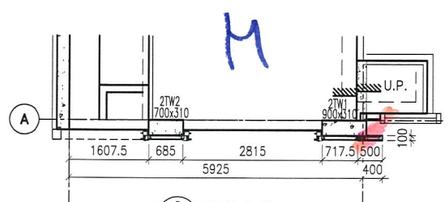
5 / – PART ELEVATION FOR GLASS CLADDING



2 / – PART PLAN FOR CURTAIN WALL



4 / – PART PLAN FOR CURTAIN WALL



6 / – PART PLAN FOR CURTAIN WALL

LEGEND:

- G4+ – 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
- G5+ – 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 (@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 :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

NO.	DATE	REVISED	BY
A	15/10/2018	GENERAL REVISED	

JOB NO. : J–837

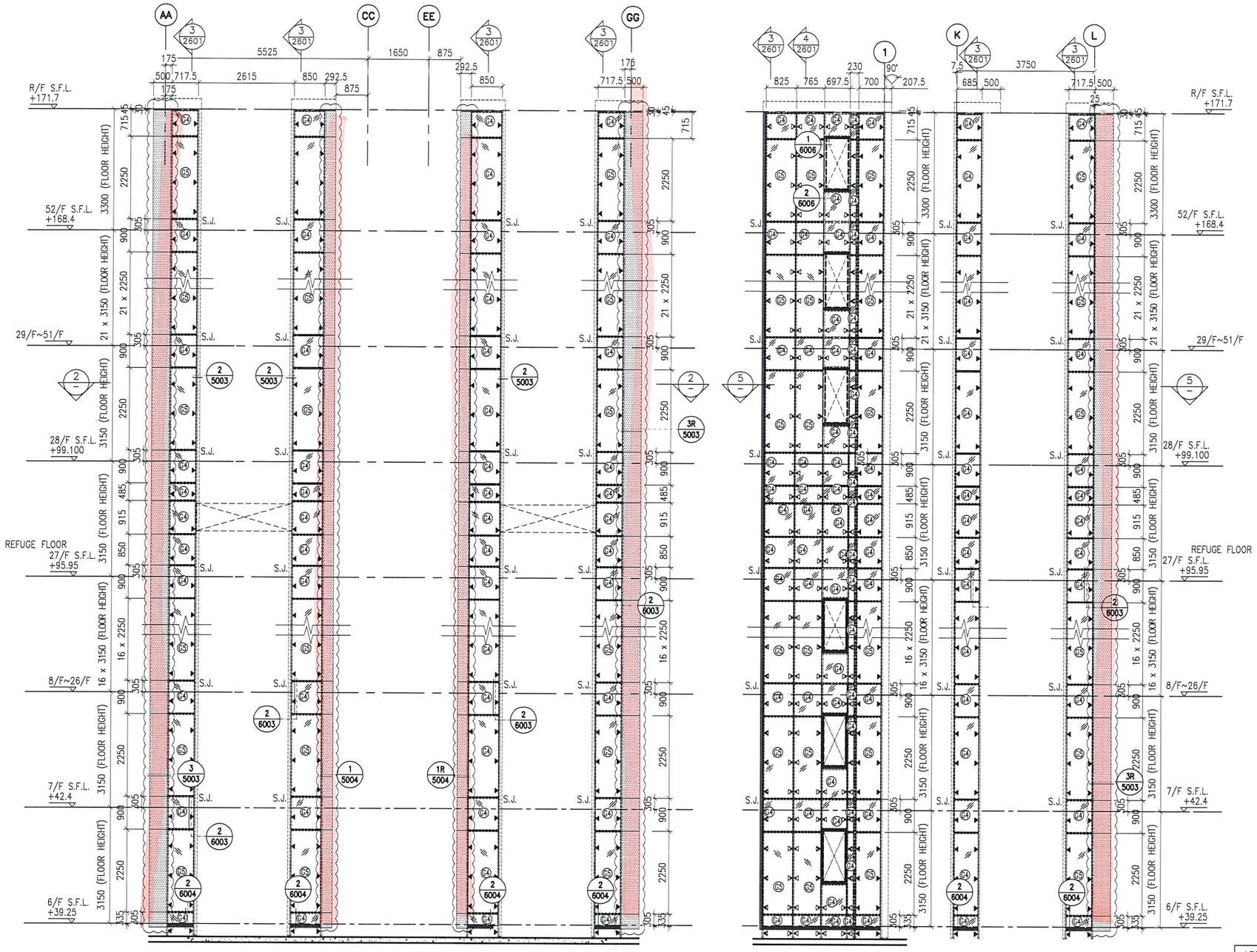
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

TITLE :
PART ELEVATION OF GLASS CLADDING AT TOWER 2

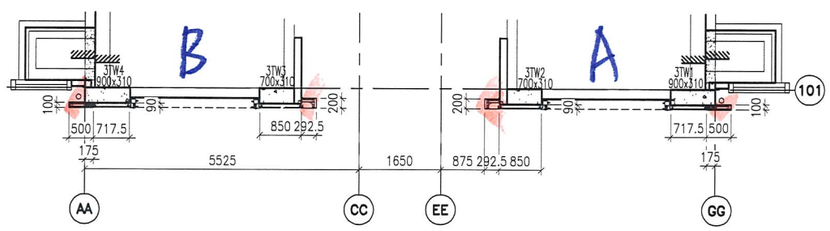
DATE : 04–JUL–18	SCALE : 1:60 (A1)
DRAWN BY : ASING	CHECKED BY : –

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)27727666

DWG NO. : J837–GC–2202 | REV. : A



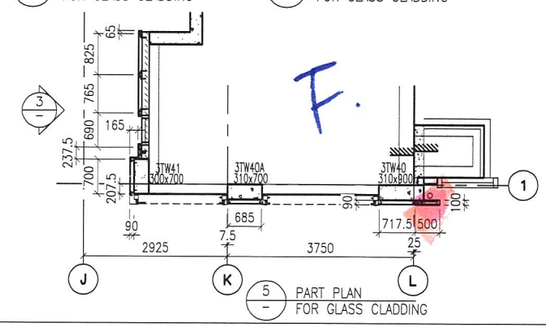
1 / – PART ELEVATION FOR GLASS CLADDING



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:

- G4+ – 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
- G5+ – 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 (@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 :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

NO.	DATE	REVISED	BY
A	15/10/2018	GENERAL REVISED	

JOB NO. : J-837

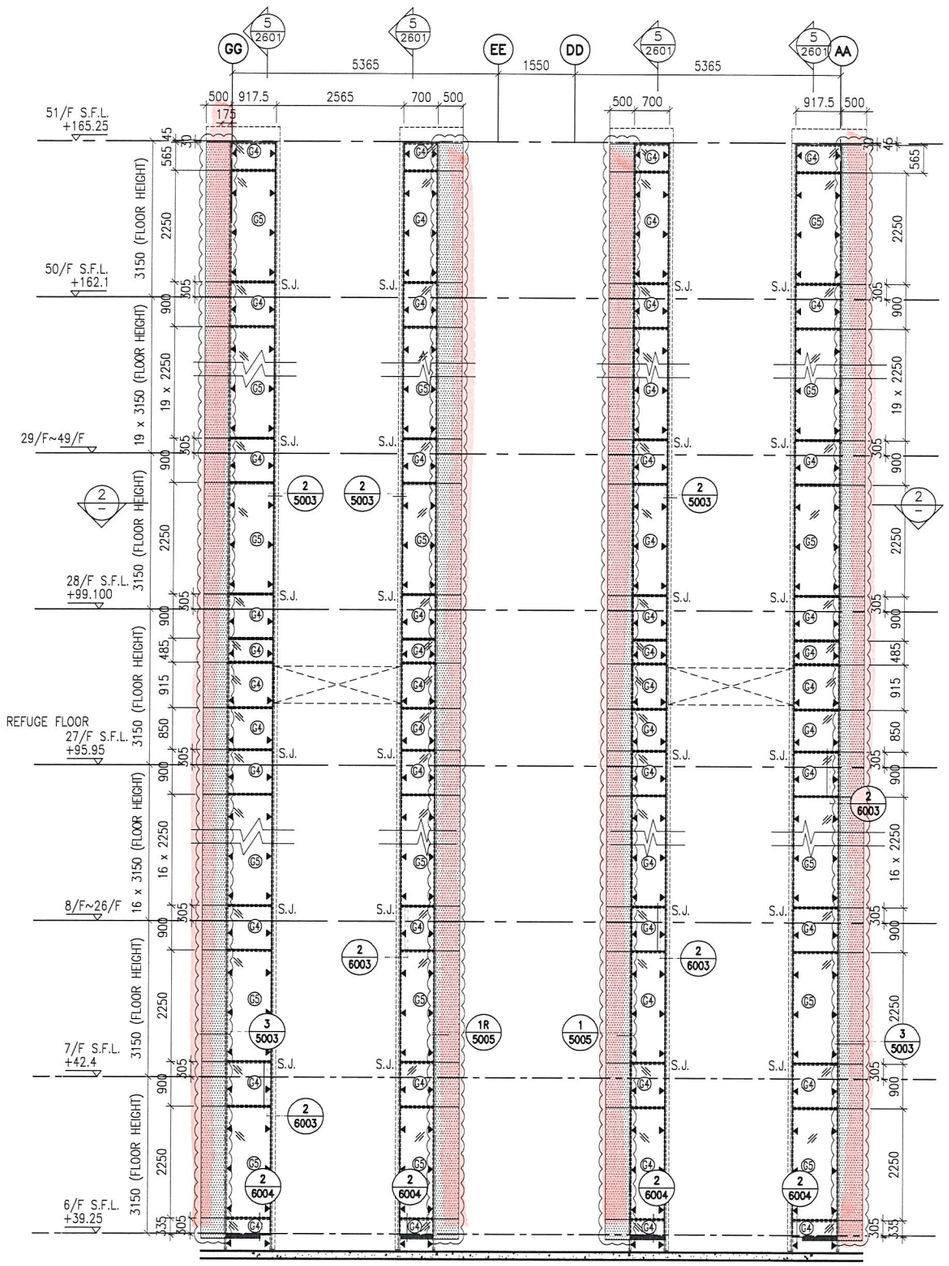
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

TITLE :
PART ELEVATION OF GLASS CLADDING AT TOWER 3

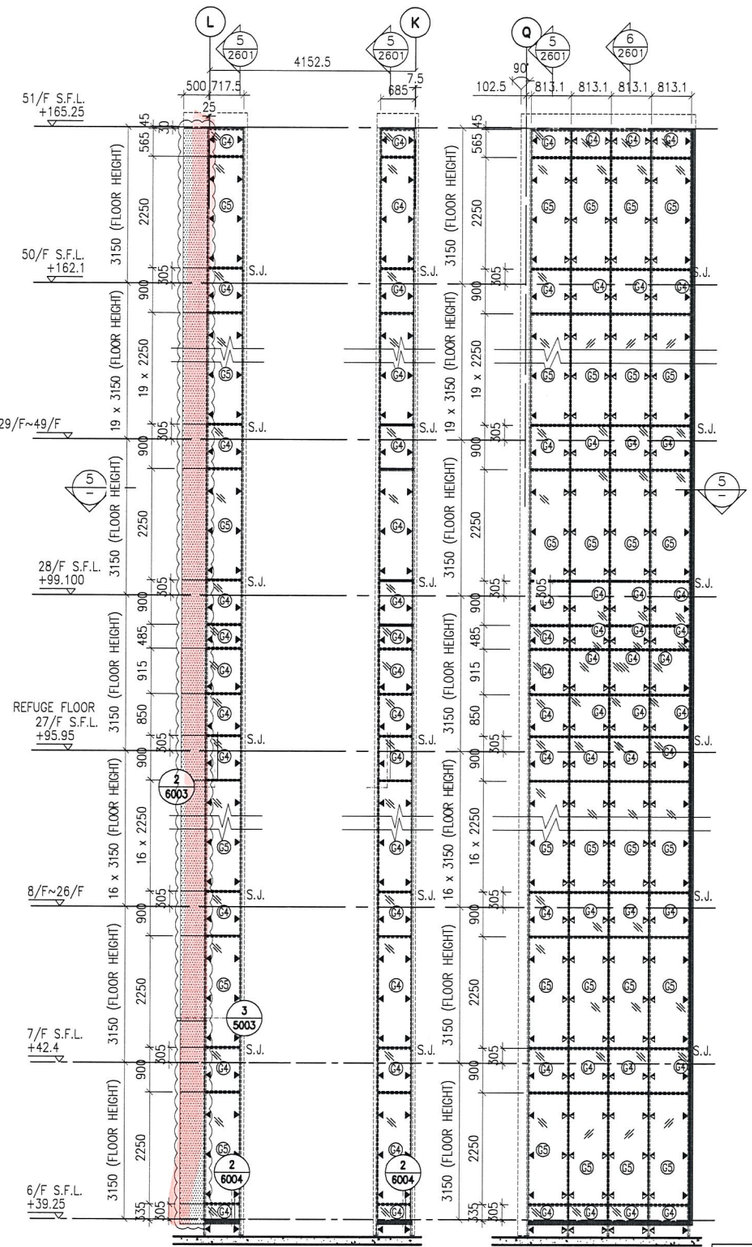
DATE : 04–JUL–18	SCALE : 1:60 (A1)
DRAWN BY : ASING	CHECKED BY : –

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

DWG NO. : J837–GC–2301 | REV. : A

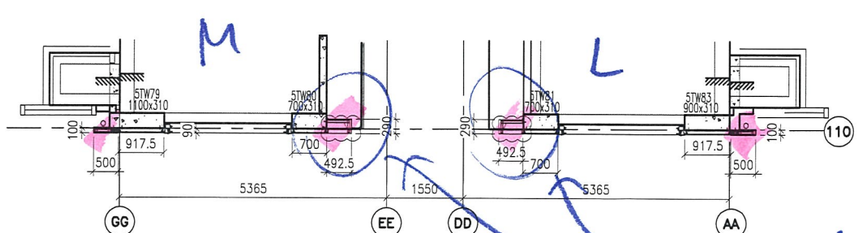


1 / – PART ELEVATION FOR GLASS CLADDING

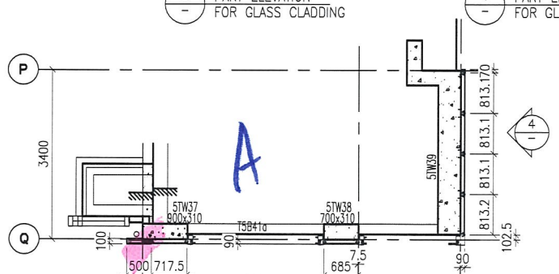


3 / – PART ELEVATION FOR GLASS CLADDING

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

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

NO.	DATE	REVISED	BY
A	15/10/2018	GENERAL REVISED	

JOB NO. : J−837

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

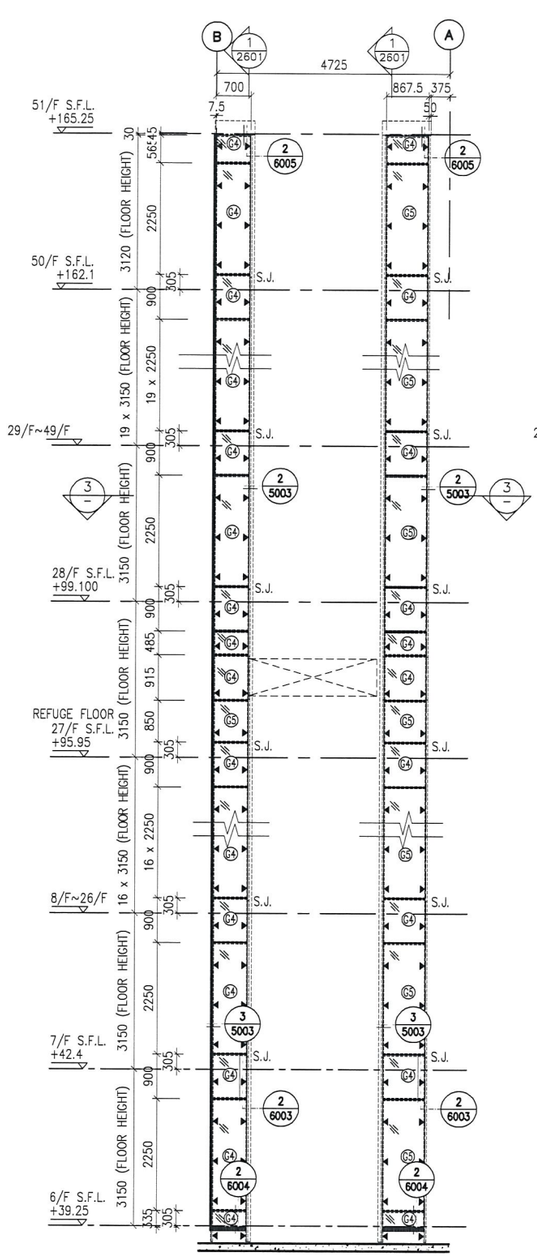
TITLE :
PART ELEVATION OF GLASS CLADDING AT TOWER 5

DATE : 04−JUL−18 | SCALE : 1:60 (A1)

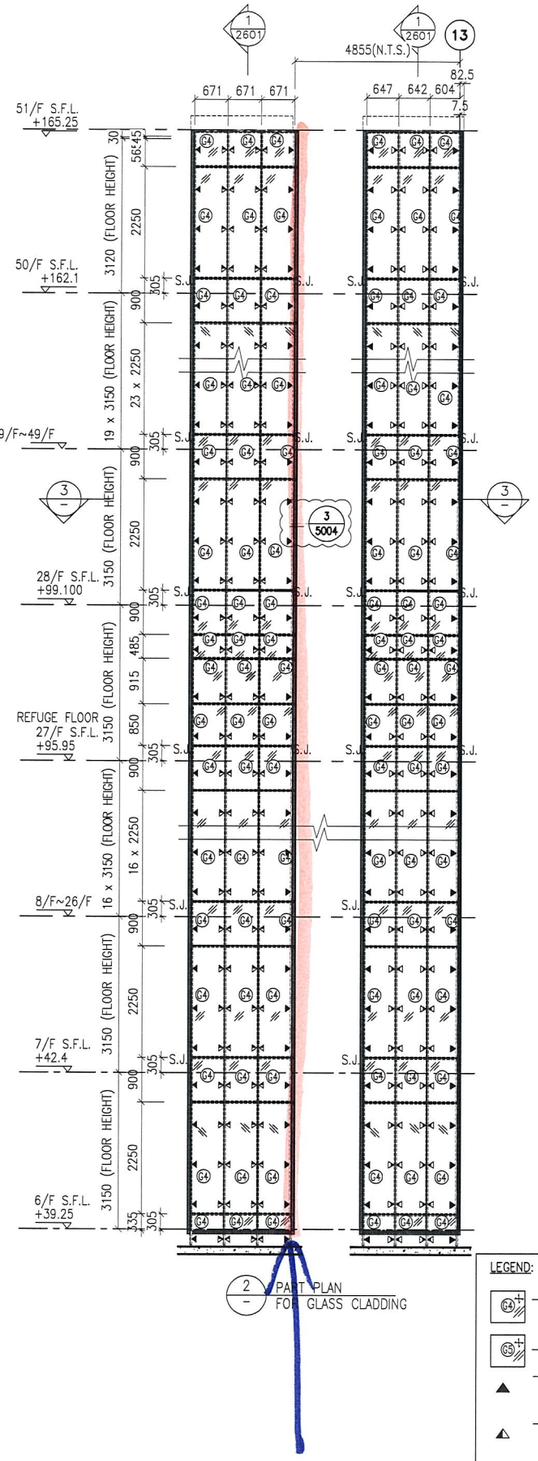
DRAWN BY : ASING | CHECKED BY : −

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

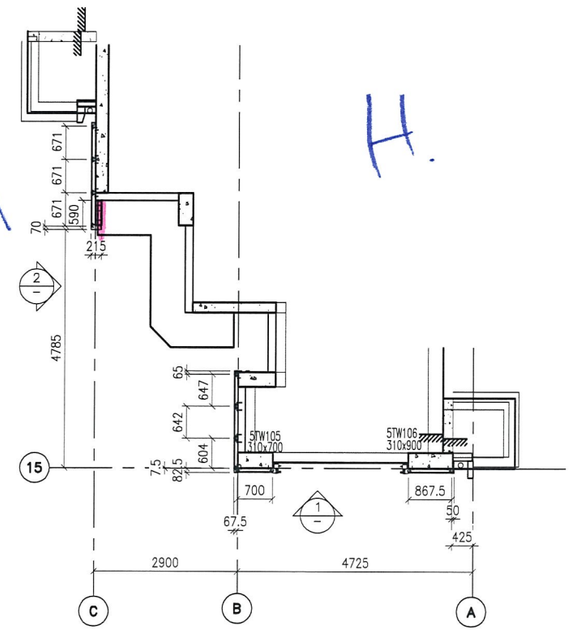
DWG NO. : J837−GC−2501 | REV. : A



1 PART ELEVATION FOR GLASS CLADDING



2 PART PLAN FOR GLASS CLADDING



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

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

NO.	DATE	REVISED	BY
A	15/10/2018	GENERAL REVISED	

JOB NO. : J-837

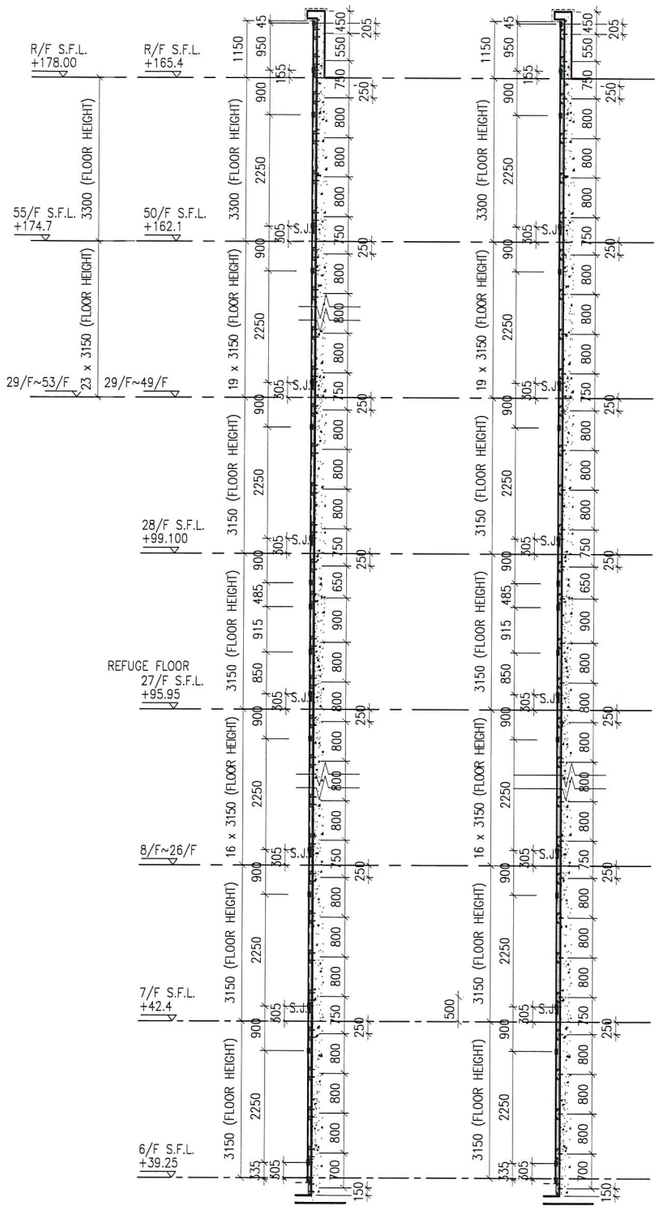
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

TITLE :
PART ELEVATION OF GLASS CLADDING AT TOWER 5

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

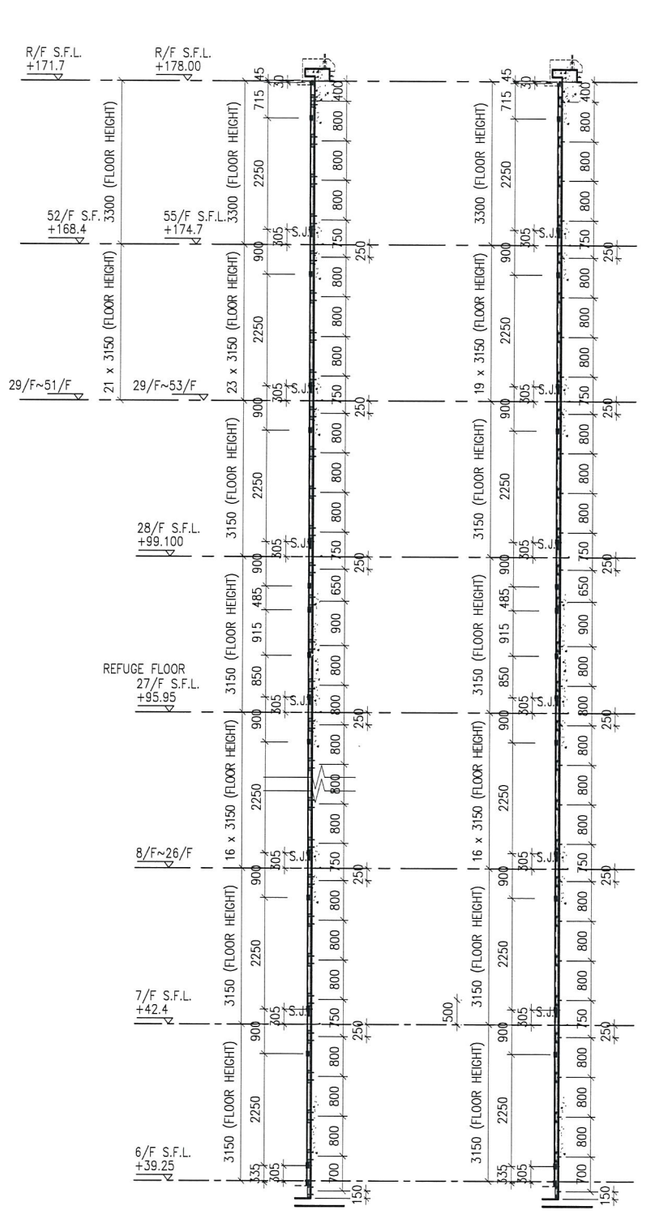
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

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



AT TOWER 1,2

1 / – TYPICAL SECTION FOR CURTAIN WALL



AT TOWER 1,2

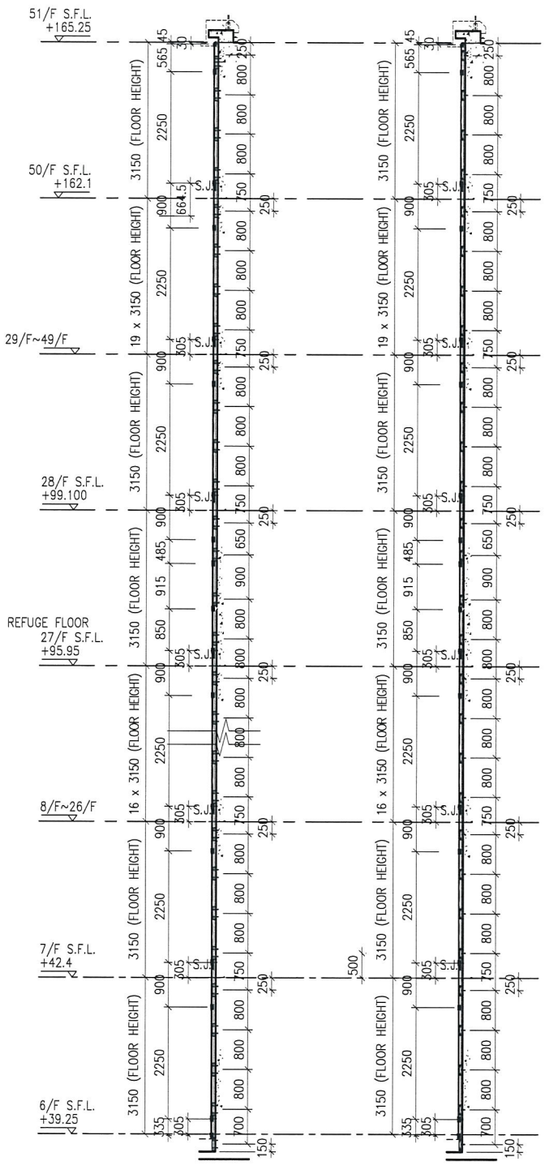
2 / – TYPICAL SECTION FOR CURTAIN WALL

AT TOWER 2,3

3 / – TYPICAL SECTION FOR CURTAIN WALL

AT TOWER 2,3

4 / – TYPICAL SECTION FOR CURTAIN WALL



AT TOWER 5

5 / – TYPICAL SECTION FOR CURTAIN WALL

AT TOWER 5

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

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

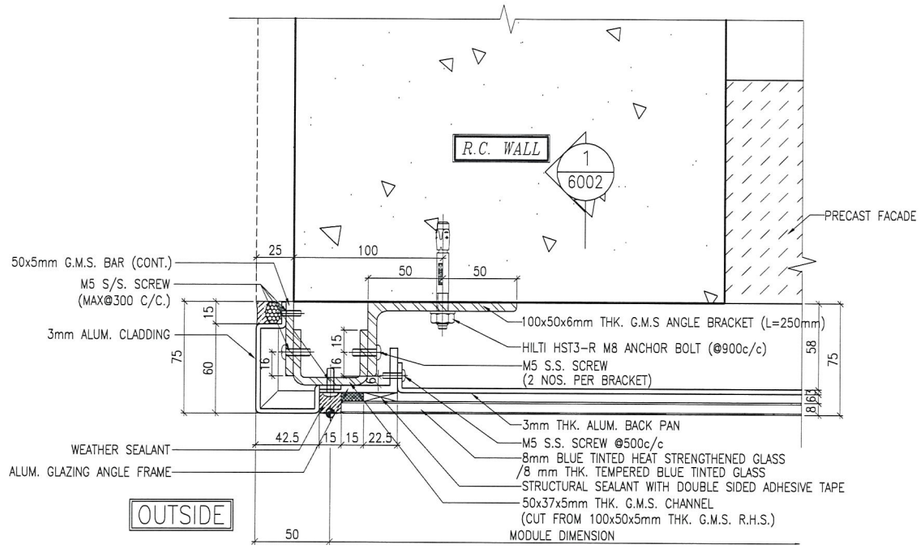
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

TITLE :
TYPICAL SECTION OF GLASS CLADDING

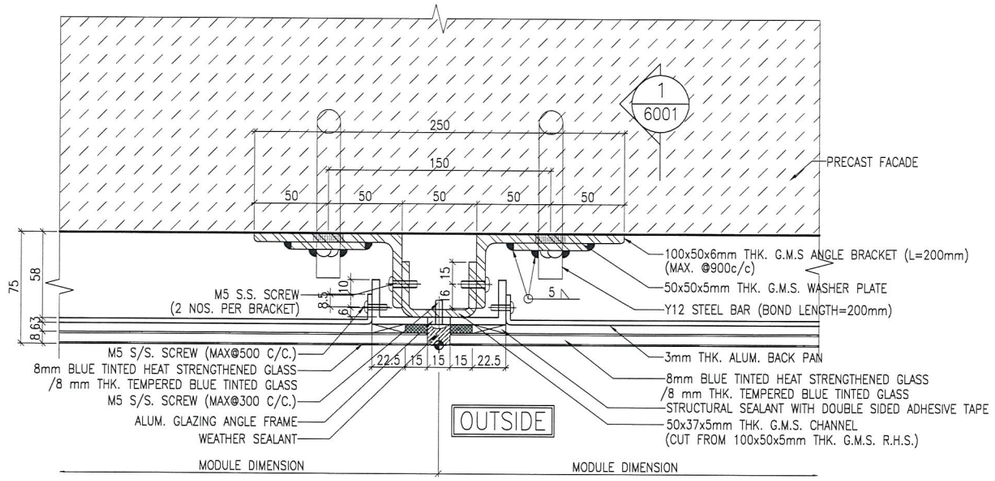
DATE : 04-JUL-18	SCALE : 1:60 (A1)
DRAWN BY : ASING	CHECKED BY : –

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

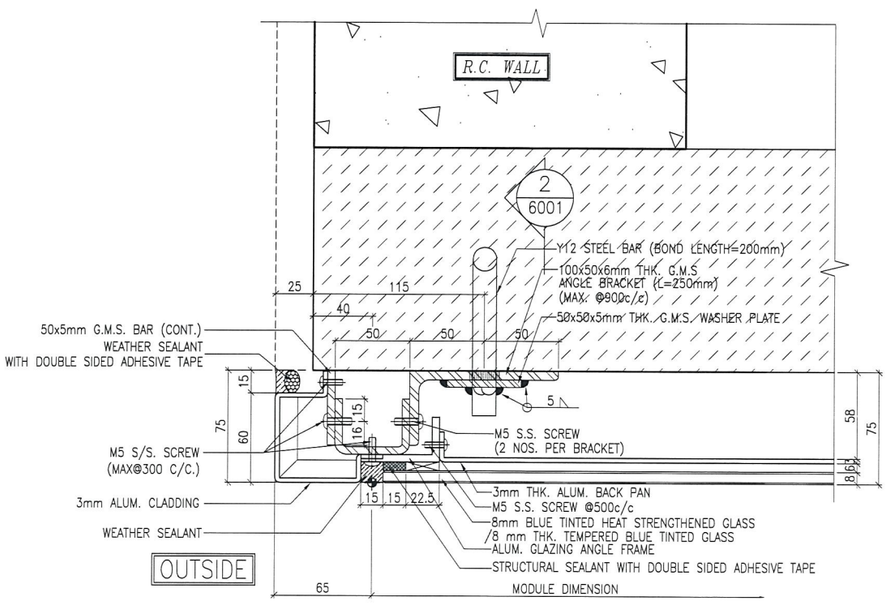
DWG NO. : J837-GC-2601 | REV. : –



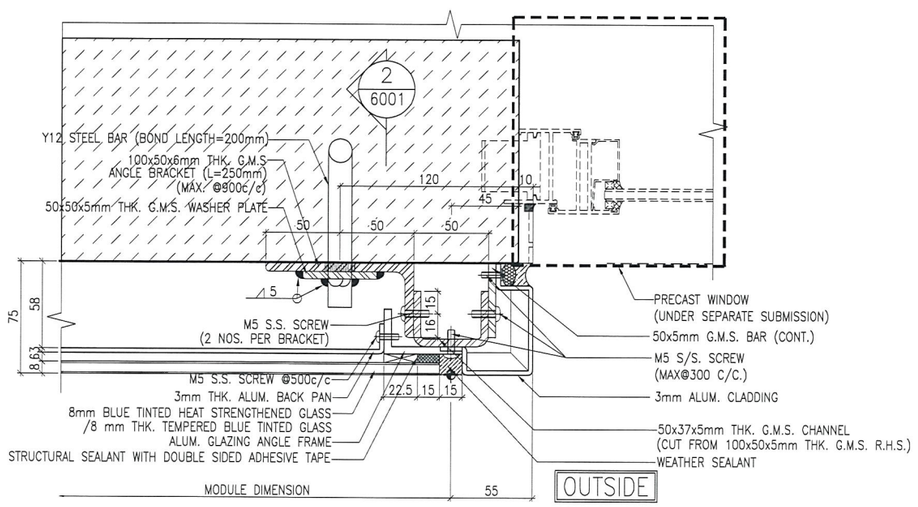
1 / 5001 TYPICAL MULLION DETAIL GLASS CLADDING



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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

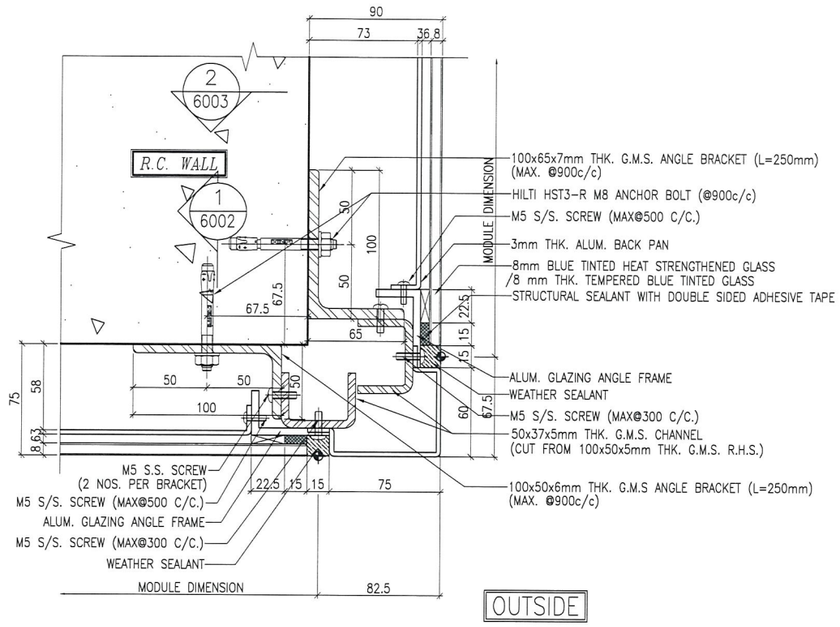
TITLE :
TYPICAL MULLION DETAIL
FOR GLASS CLADDING

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

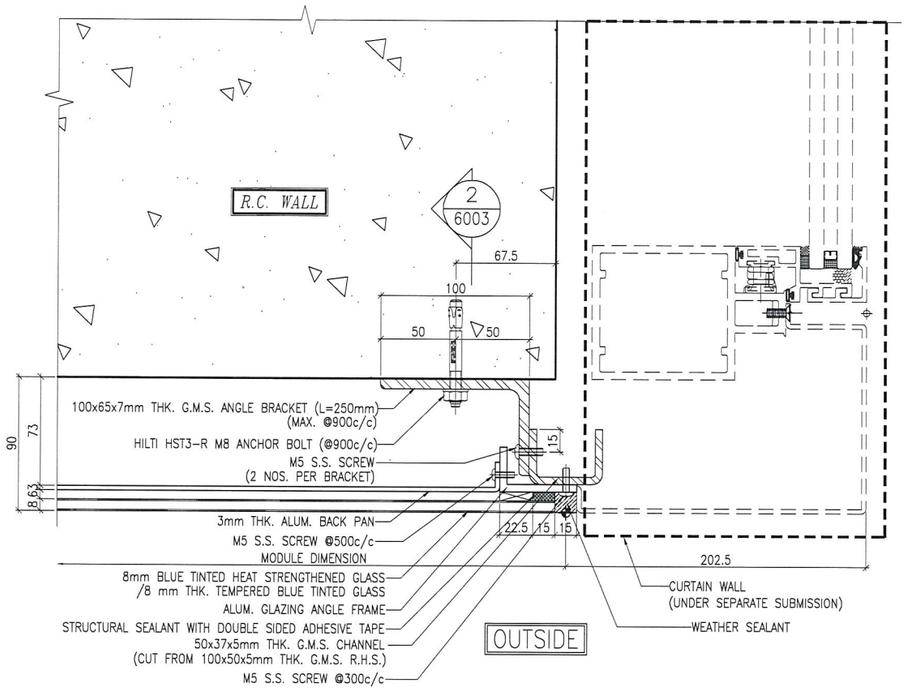
DRAWN BY : ASING | CHECKED BY : -

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)27727666

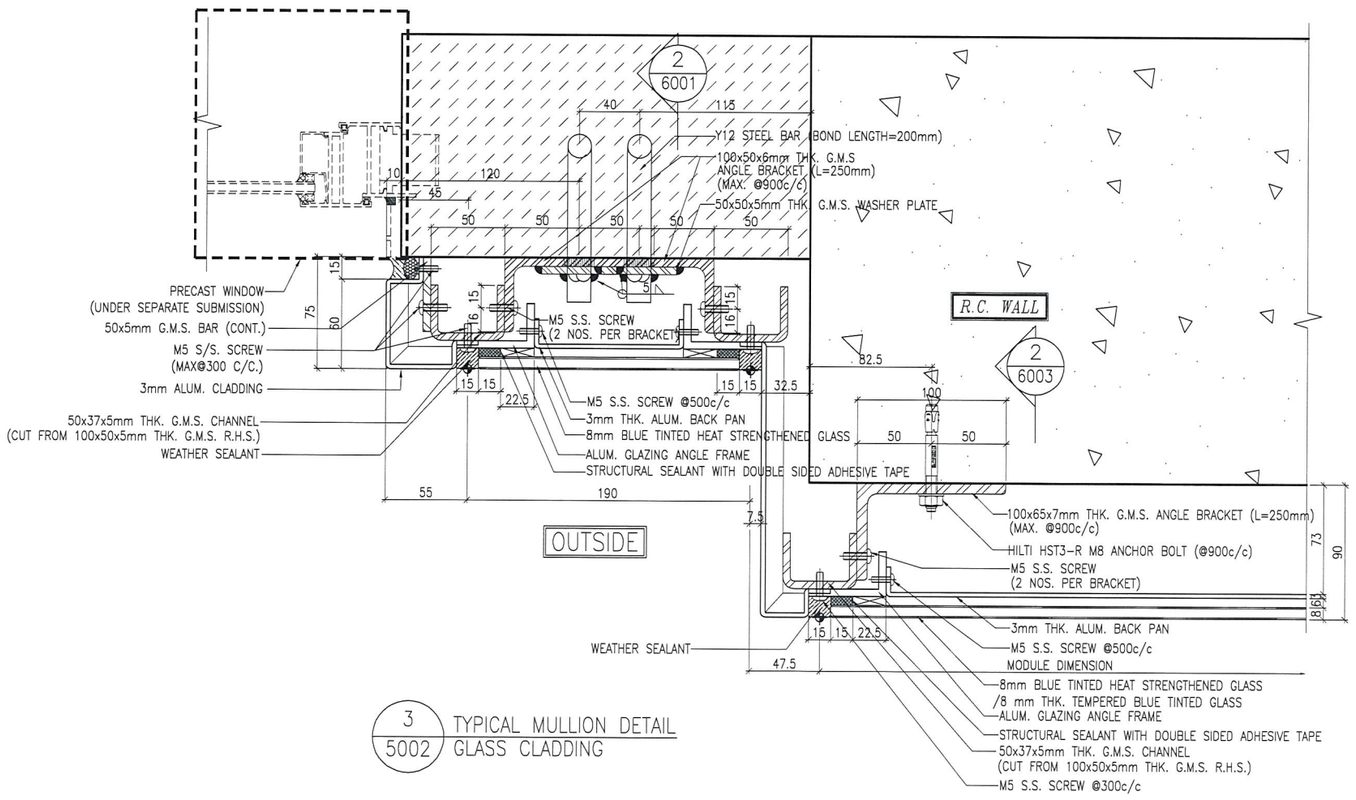
DWG NO. : J837-GC-5001 | REV. : -



1 / 5002 TYPICAL MULLION DETAIL GLASS CLADDING



2 / 5002 TYPICAL MULLION DETAIL GLASS CLADDING



3 / 5002 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 / X001 — DETAIL MARK NO. / REFER SHEET NO.
1. F.F.L. -- FINISHED FLOOR LEVEL
2. S.F.L. -- STRUCTURAL FLOOR LEVEL
3. (/R) -- REVERSED DETAIL

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

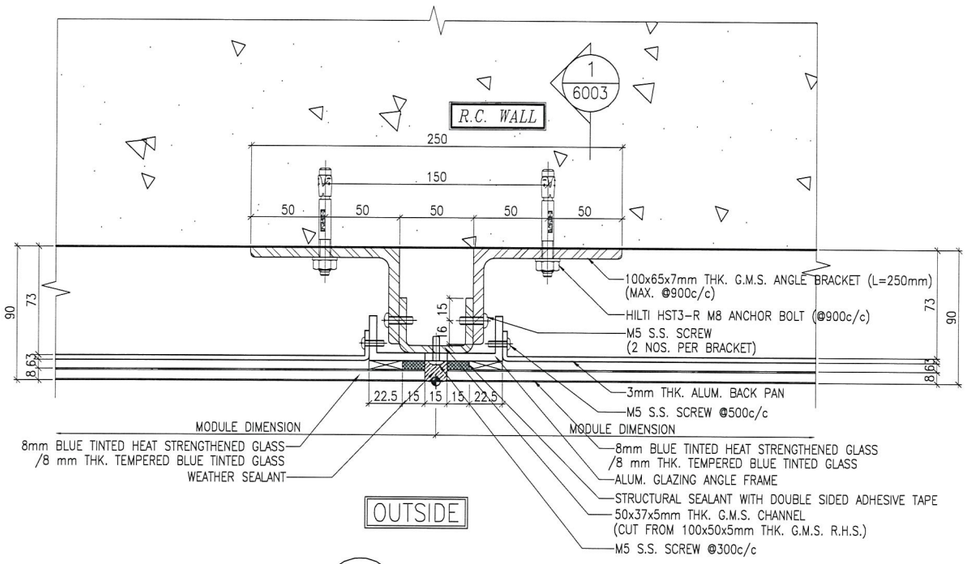
TITLE :
TYPICAL MULLION DETAIL
FOR GLASS CLADDING

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

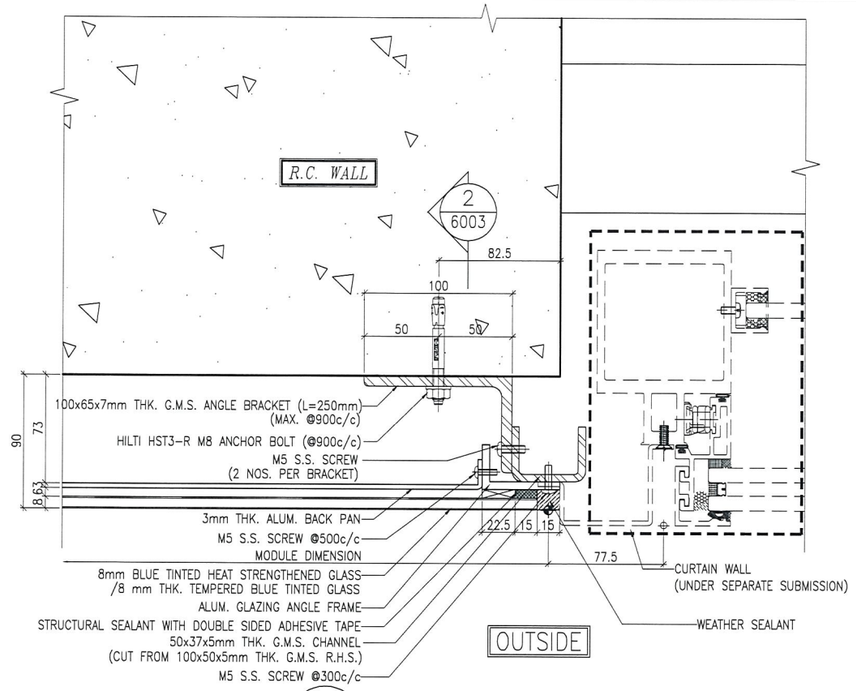
DRAWN BY : ASING | CHECKED BY : -

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)27727666

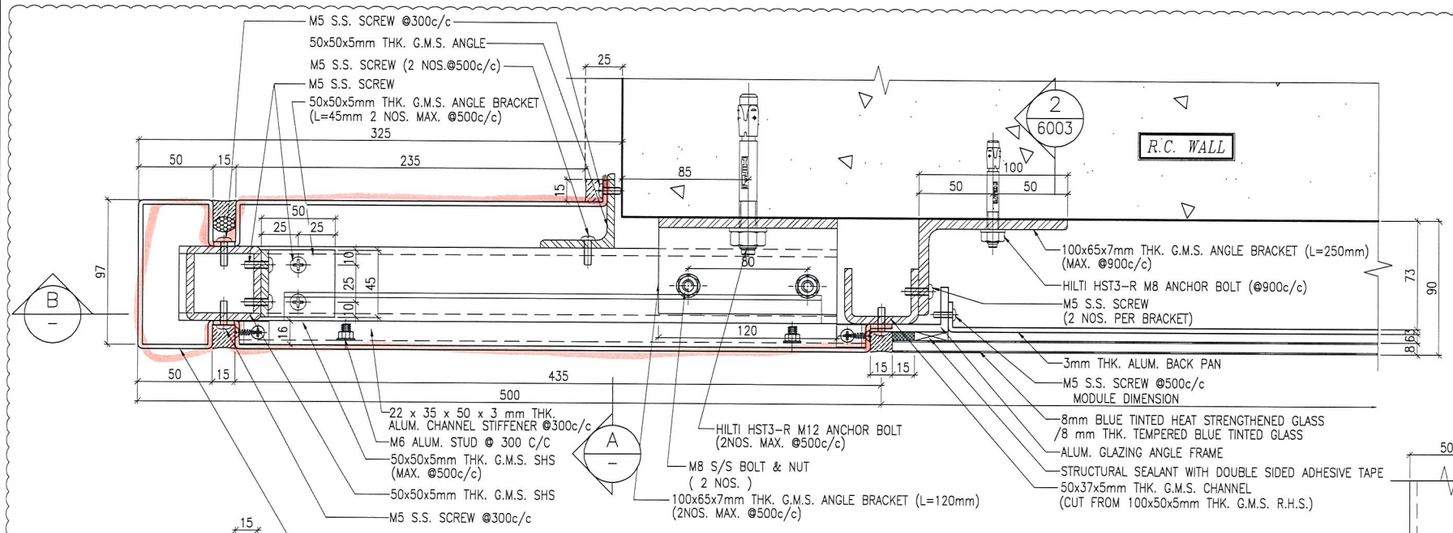
DWG NO. : J837-GC-5002 | REV. : -



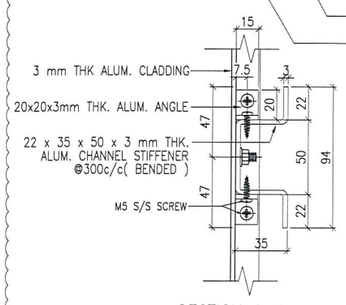
1 / 5003 TYPICAL MULLION DETAIL GLASS CLADDING



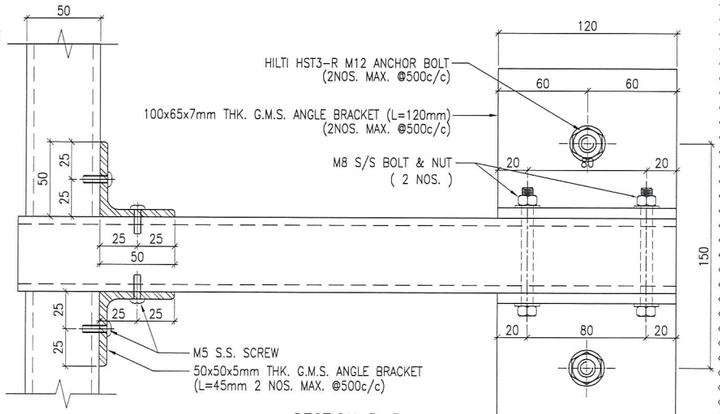
2 / 5003 TYPICAL MULLION DETAIL GLASS CLADDING



3 / 5003 TYPICAL MULLION DETAIL GLASS CLADDING



SECTION A-A



SECTION B-B

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

NO.	DATE	REVISED	BY
A	15/10/2018	GENERAL REVISED	

JOB NO. : J-837

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

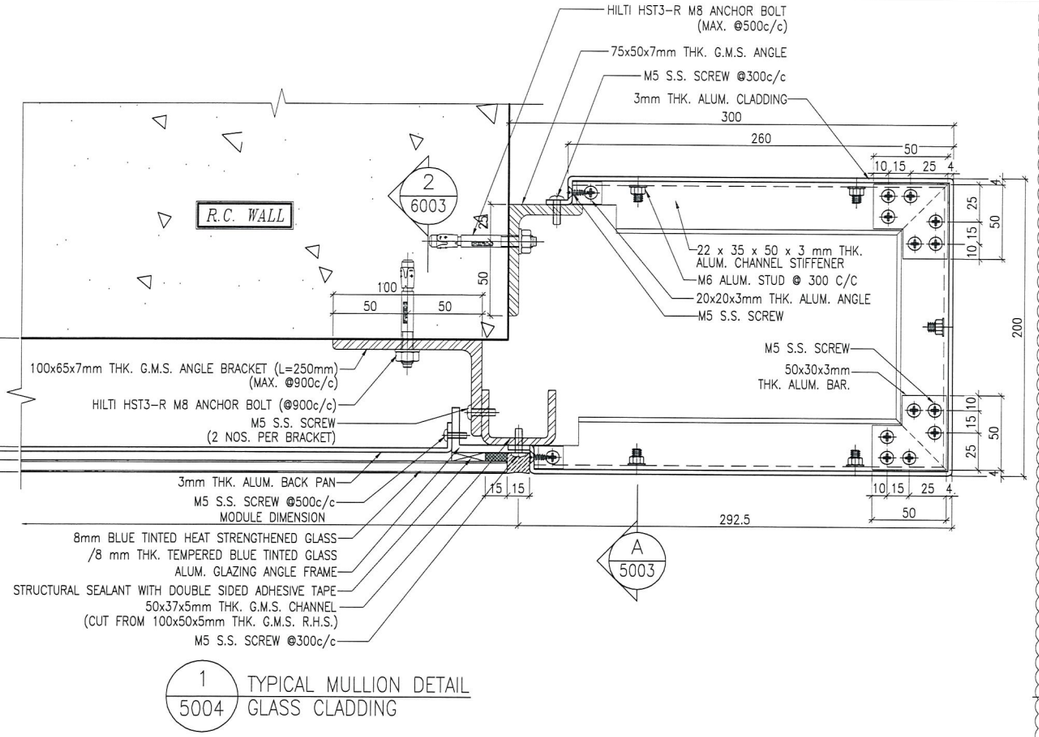
TITLE :
TYPICAL MULLION DETAIL
FOR GLASS CLADDING

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

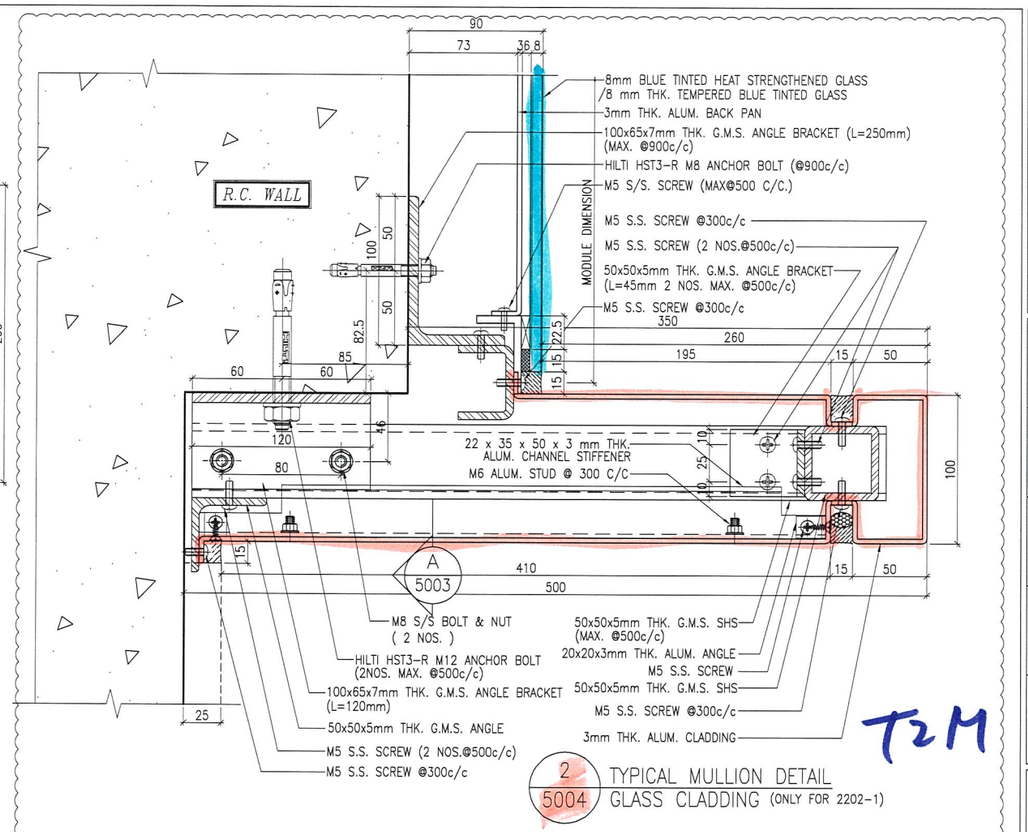
DRAWN BY : ASING | CHECKED BY : -

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)27727666

DWG NO. : J837-GC-5003 | REV. : A



1 / 5004 TYPICAL MULLION DETAIL GLASS CLADDING

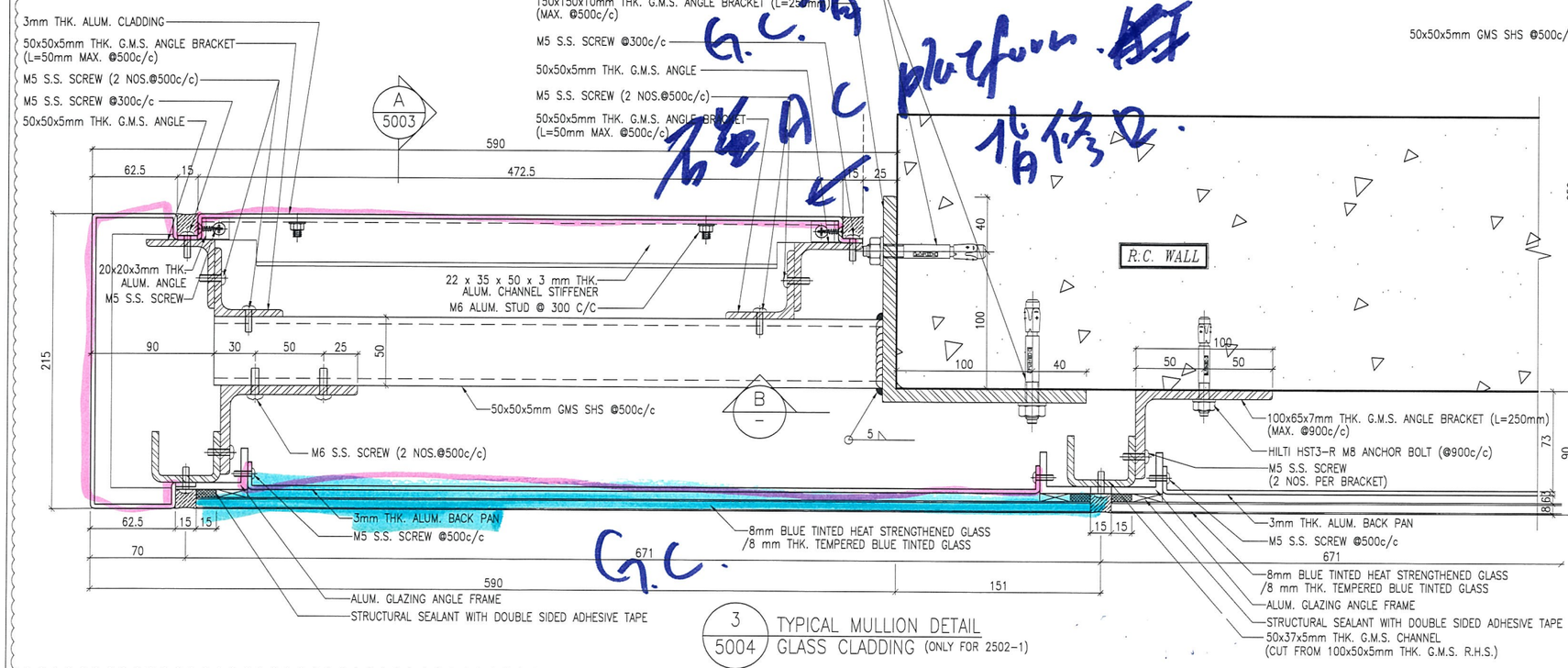


2 / 5004 TYPICAL MULLION DETAIL GLASS CLADDING (ONLY FOR 2202-1)

T2M

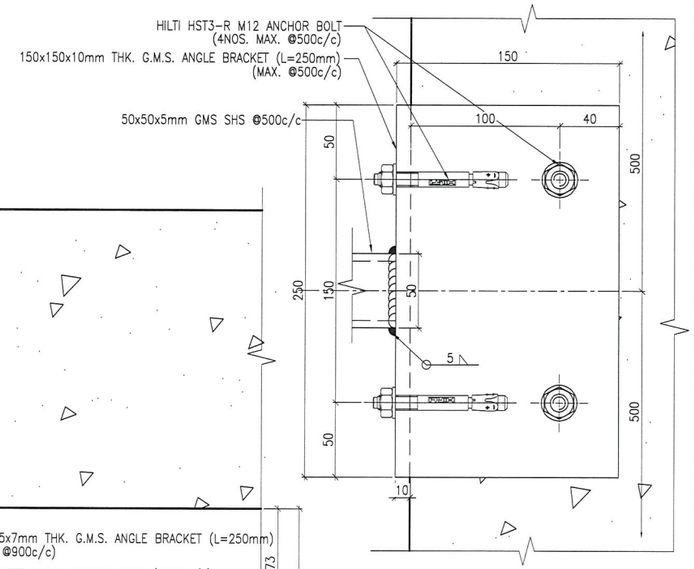
T5H

G.C. 指 G.C. platform 材料 加 AC 指修改.



3 / 5004 TYPICAL MULLION DETAIL GLASS CLADDING (ONLY FOR 2502-1)

G.C.



SECTION B-B

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

NO.	DATE	REVISED	BY
A	15/10/2018	GENERAL REVISED	

JOB NO. : J-837

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

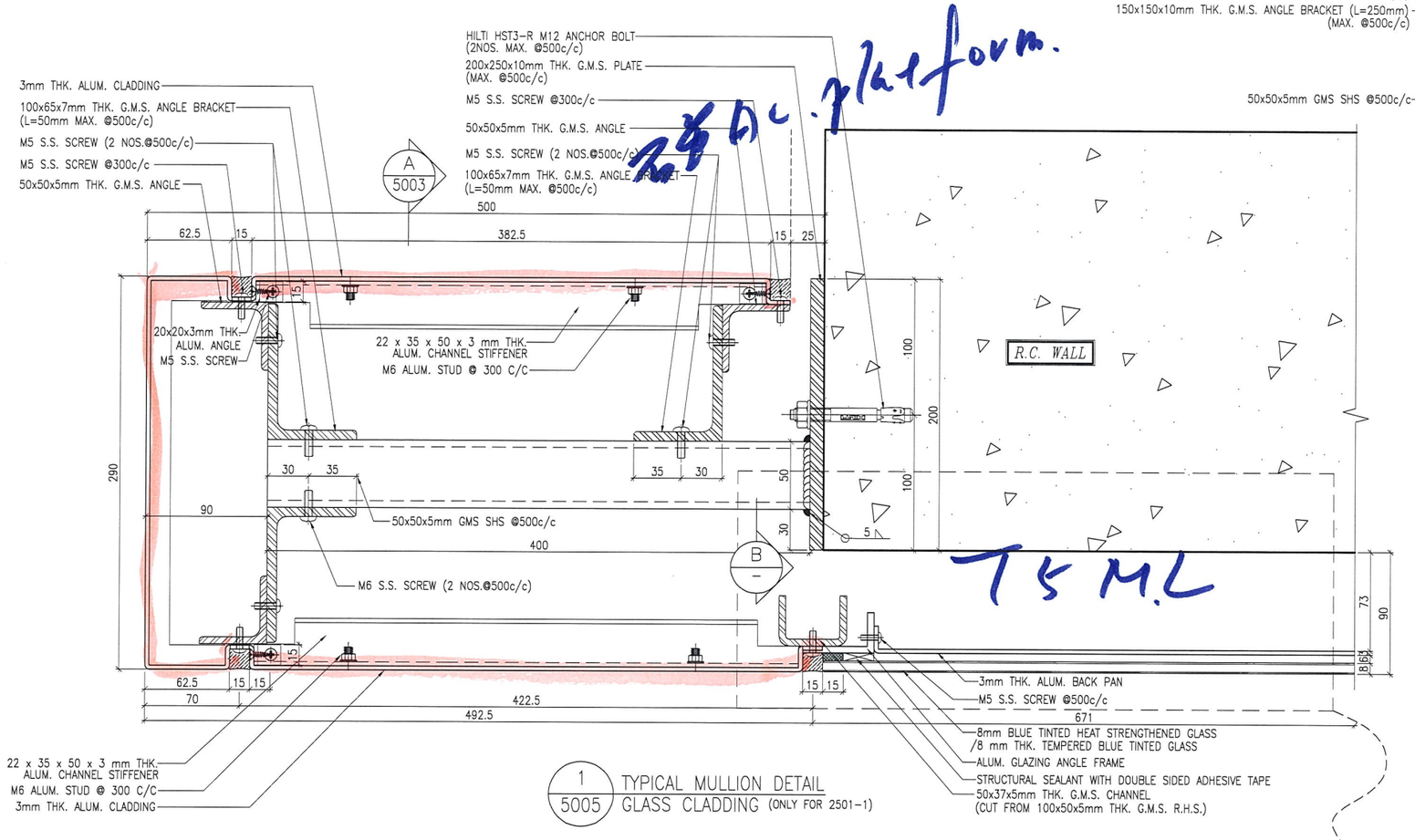
TITLE :
TYPICAL MULLION DETAIL FOR GLASS CLADDING

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

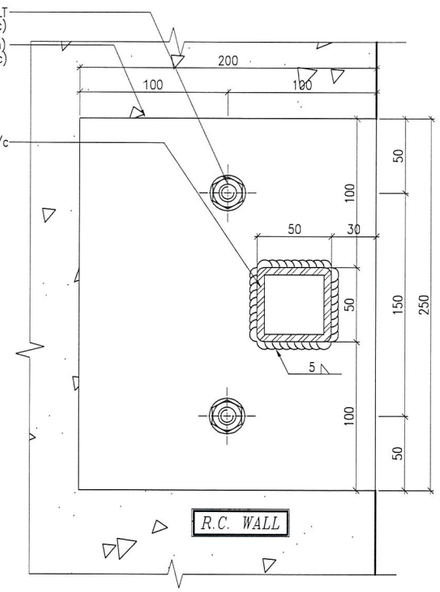
DRAWN BY : ASING | CHECKED BY : -

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)27727666

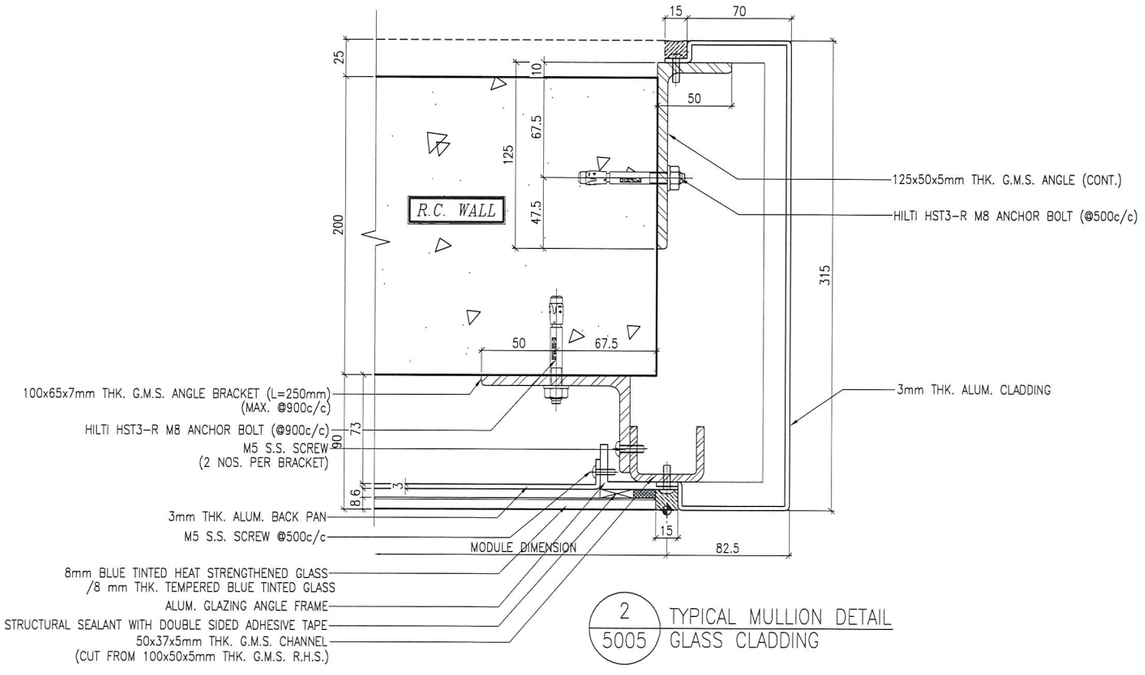
DWG NO. : J837-GC-5004 | REV. : A



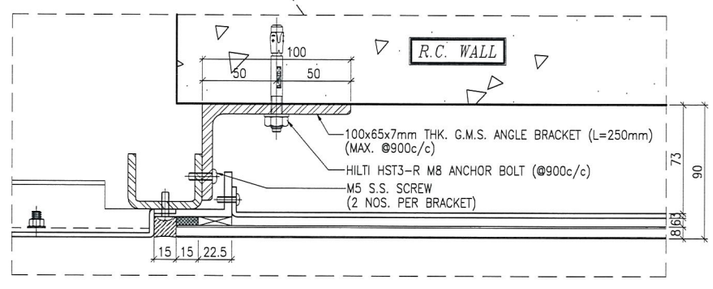
1 5005 TYPICAL MULLION DETAIL GLASS CLADDING (ONLY FOR 2501-1)



SECTION B-B



2 5005 TYPICAL MULLION DETAIL GLASS CLADDING



1A 5005 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 / X001 — DETAIL MARK NO. / REFER SHEET NO.
1. F.F.L. --FINISHED FLOOR LEVEL
2. S.F.L. --STRUCTURAL FLOOR LEVEL
3. (/R) --REVERSED DETAIL

NO.	DATE	REVISED	BY

JOB NO. : J-837

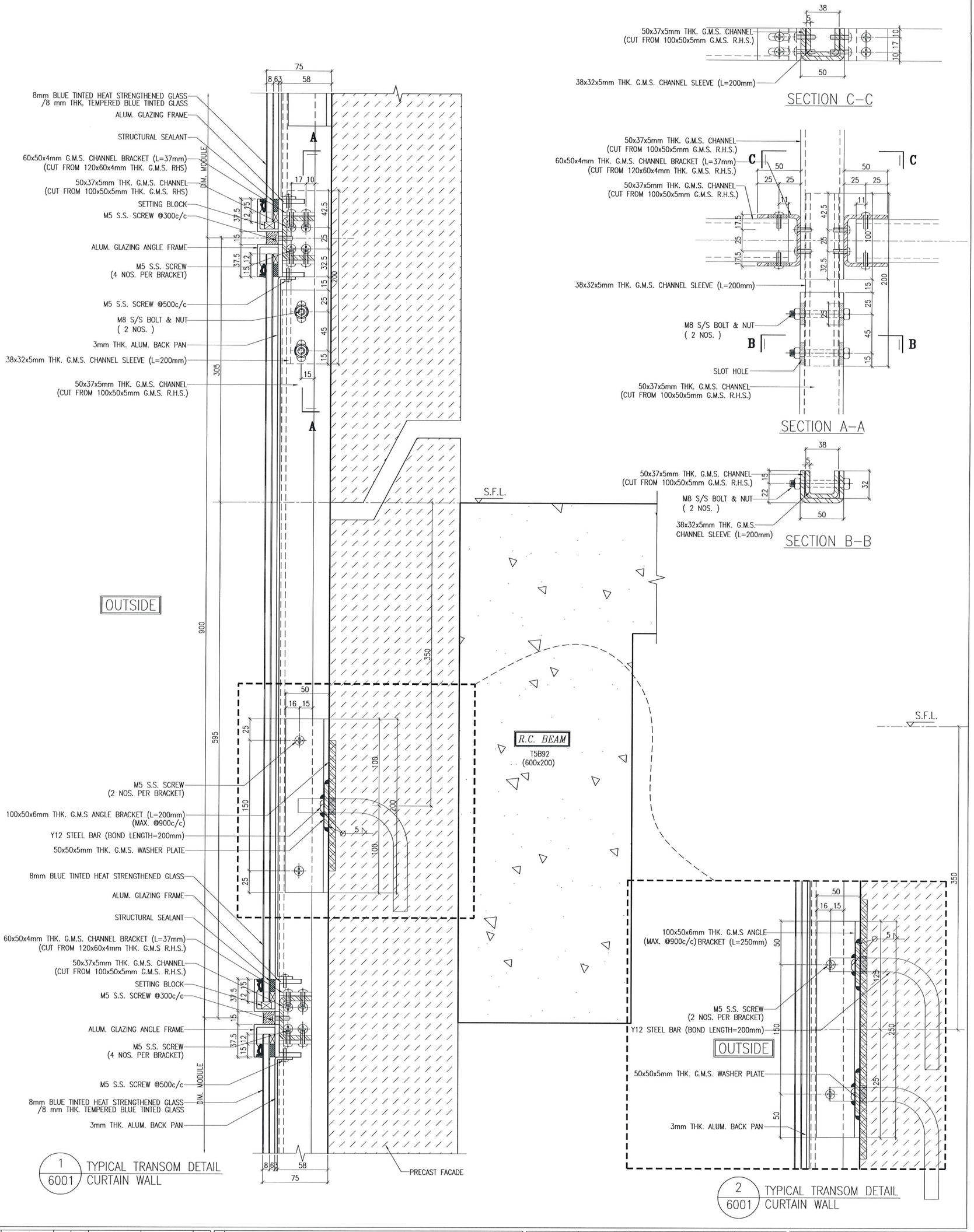
PROJECT :
URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON

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)27727666

DWG NO. : J837-GC-5005 REV. : -



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 / Y001) — DETAIL MARK NO. / REFER SHEET NO.
- 1. F.F.L. --- FINISHED FLOOR LEVEL
- 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
- 3. (/R) --- REVERSED DETAIL

NO.	DATE	REVISED	BY

JOB NO. : J-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 : –

兆特鋁製有限公司 MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:2348211-4 Fax:(852)27727666

DWG NO. : J837-GC-6001 | REV. : –

B.D. REF. :

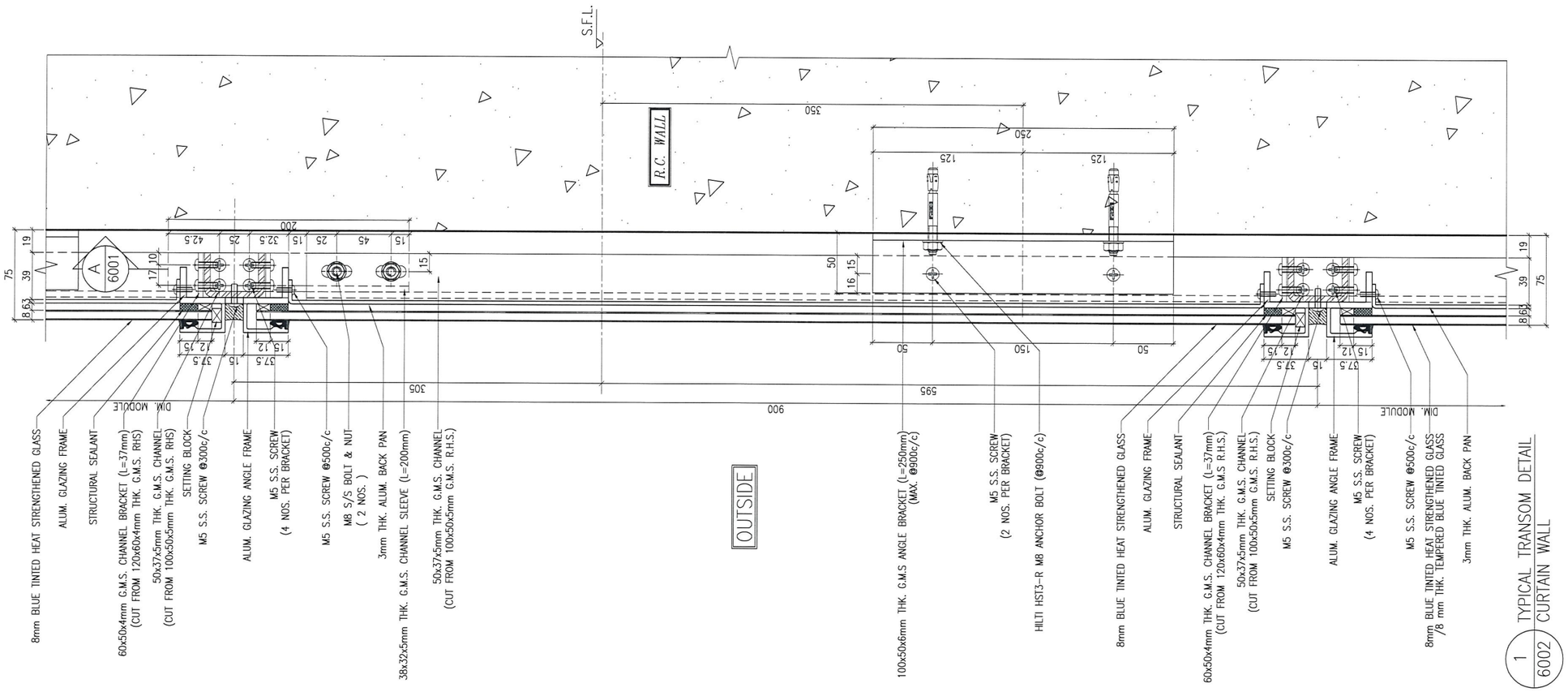
CLIENT : 信和置業有限公司 Sino Land Company Limited

ARCHITECT : WONG TUNG & PARTNERS LIMITED ARCHITECTS & PLANNERS

MAIN CONTRACTOR : CR Construction Company Limited

STRUCTURAL ENGINEER : AECOM

FACADE CONSULTANT : AECOM



1 / 6002 TYPICAL TRANSOM DETAIL 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 :
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

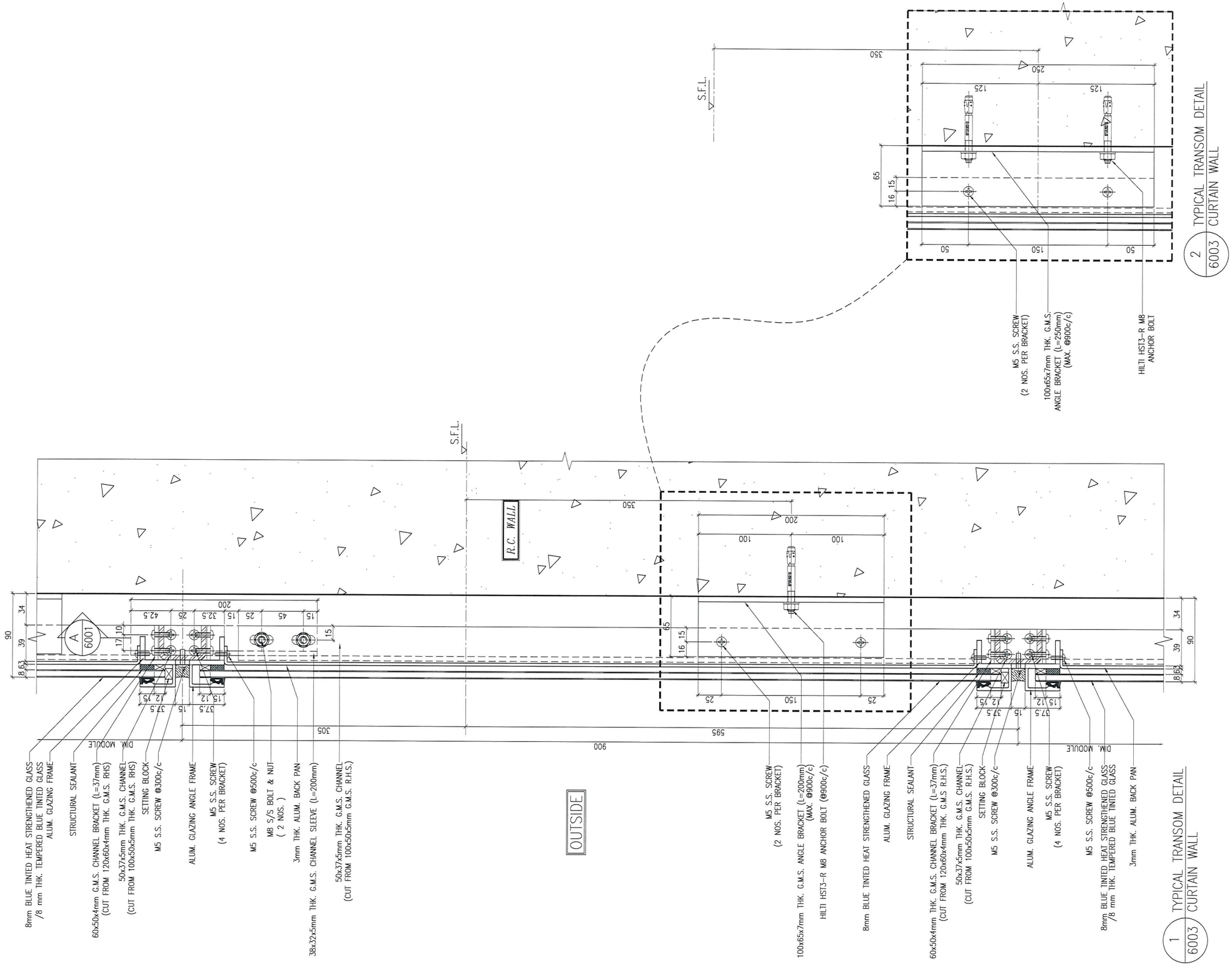
TITLE :
TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

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-6002 | REV. : -



2 / 6003 TYPICAL TRANSOM DETAIL CURTAIN WALL

1 / 6003 TYPICAL TRANSOM DETAIL 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 :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

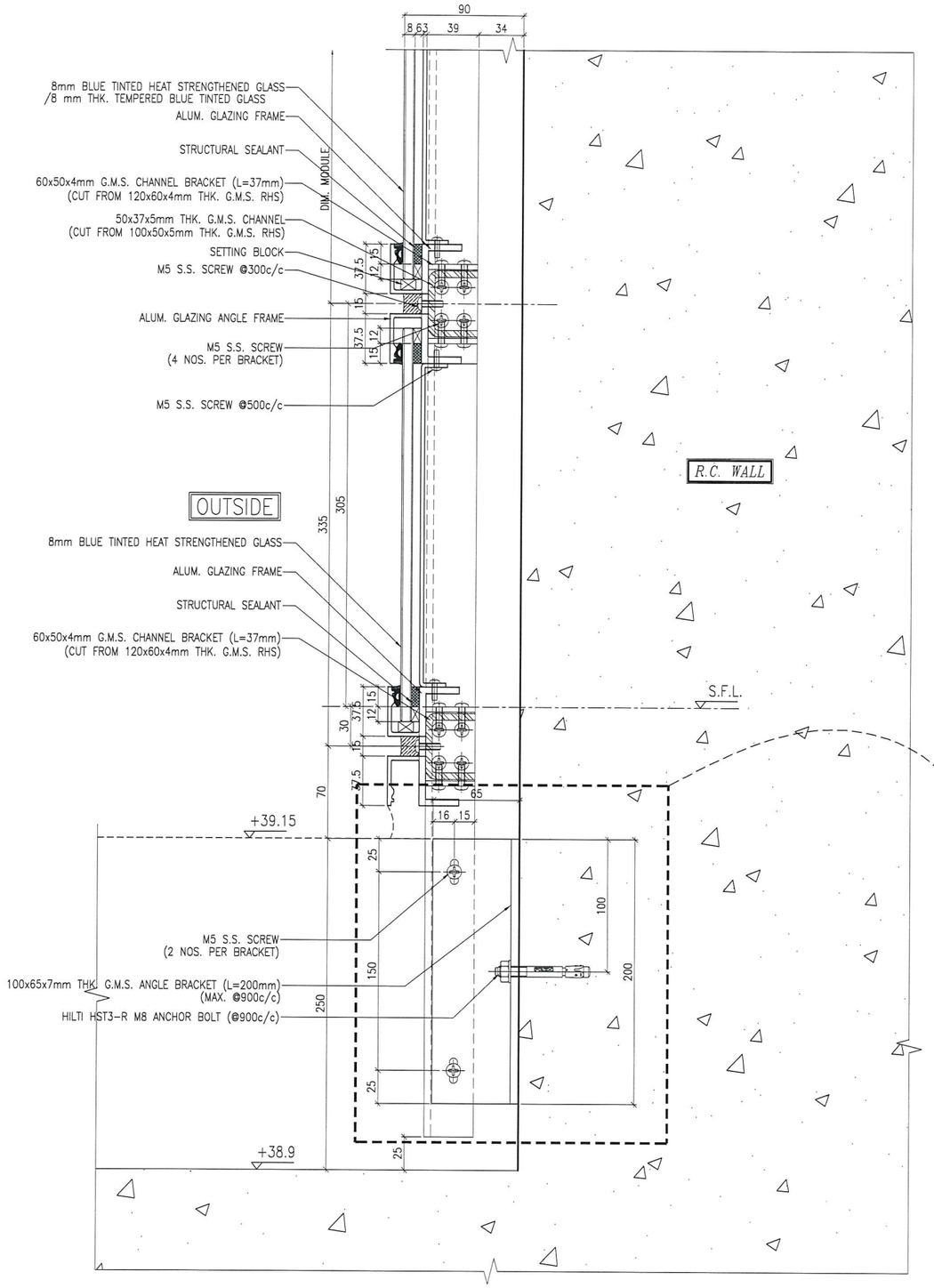
PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE :
TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

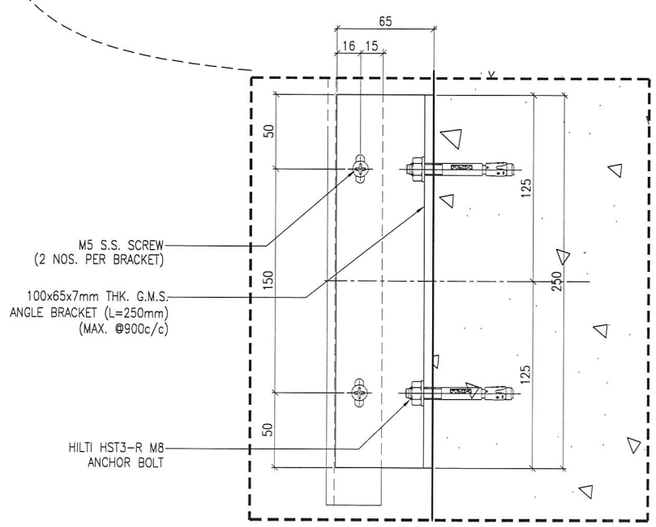
DATE : 4-Sep-18	SCALE : 1:2 (A1)
DRAWN BY : ASING	CHECKED BY : -

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-6003 | REV. : -



1 / 6004 TYPICAL TRANSOM DETAIL CURTAIN WALL



2 / 6004 TYPICAL TRANSOM DETAIL 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 :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

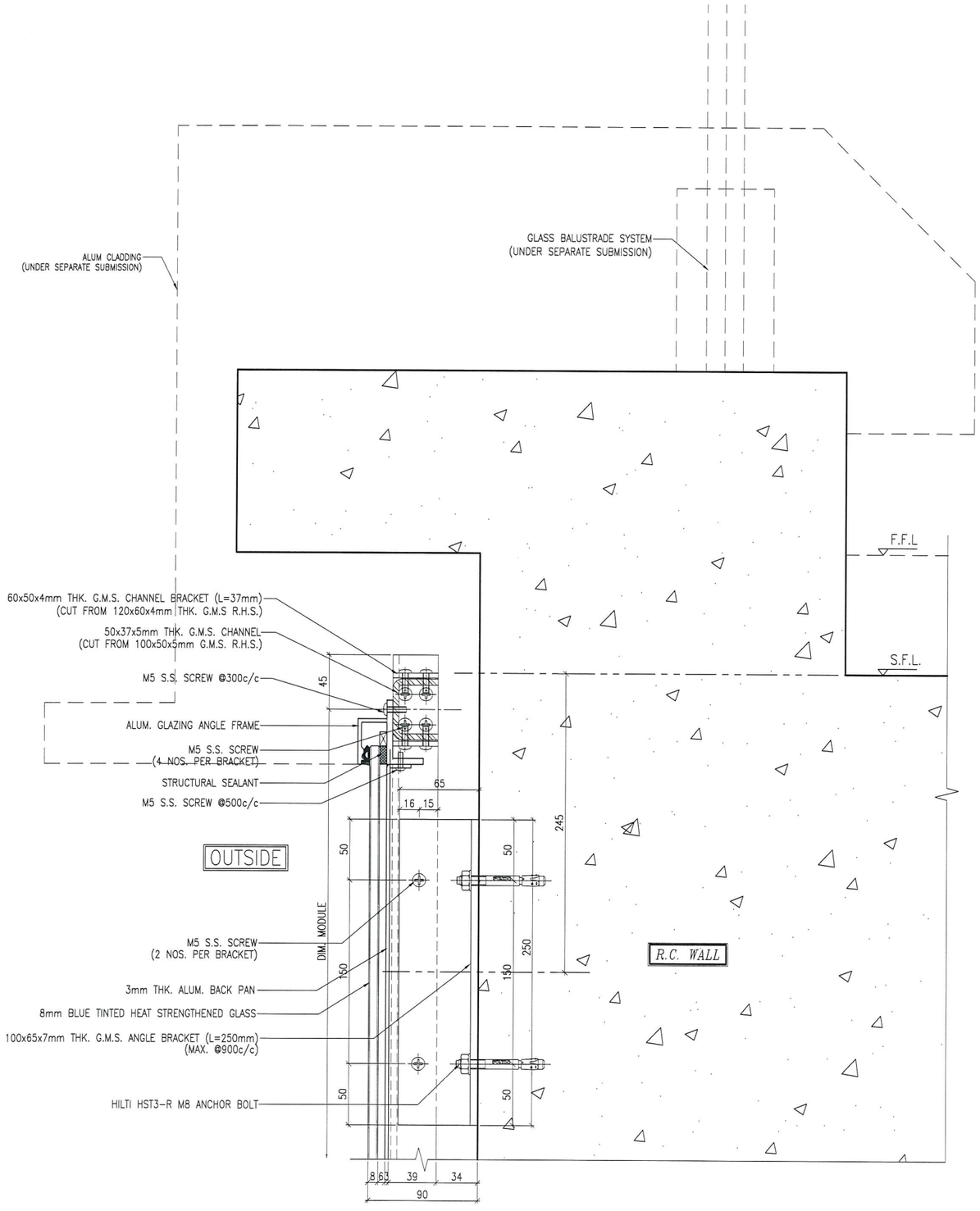
TITLE :
TYPICAL TRANSOM DETAIL FOR GLASS CLADDING

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

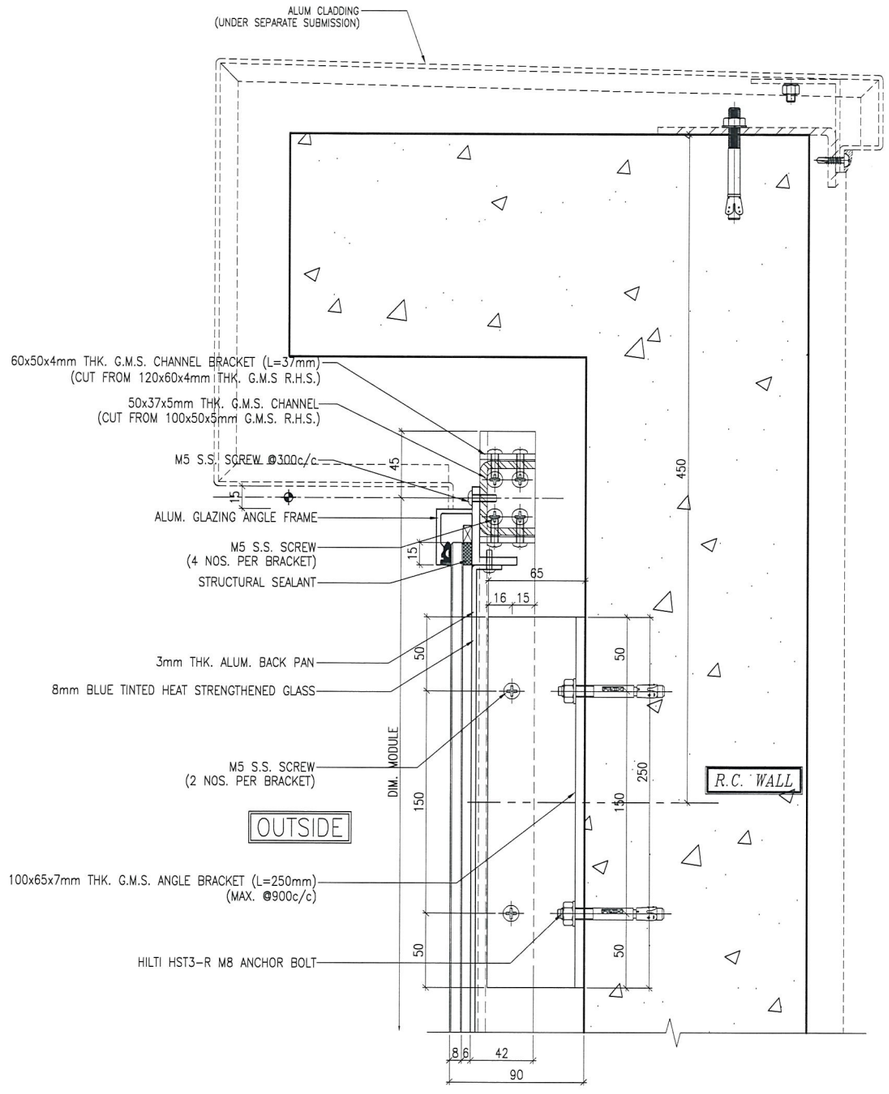
DRAWN BY : ASING | CHECKED BY : -

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-6004 | REV. : -



1 / 6005 TYPICAL TRANSOM DETAIL CURTAIN WALL



2 / 6005 TYPICAL TRANSOM DETAIL 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 :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

NO.	DATE	REVISED	BY

JOB NO. : J-837

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

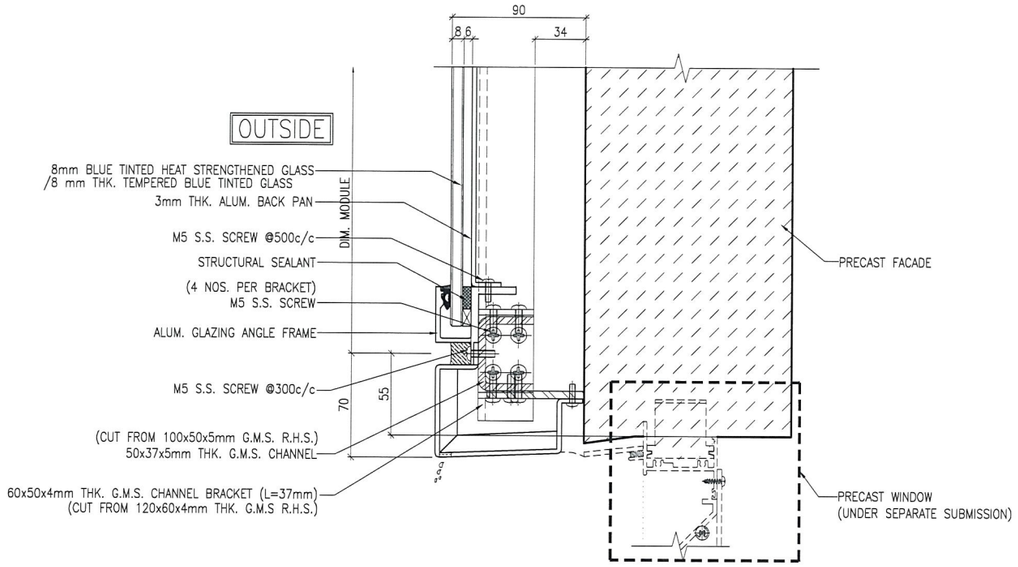
TITLE :
TYPICAL TRANSOM DETAIL FOR GLASS CLADDING

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

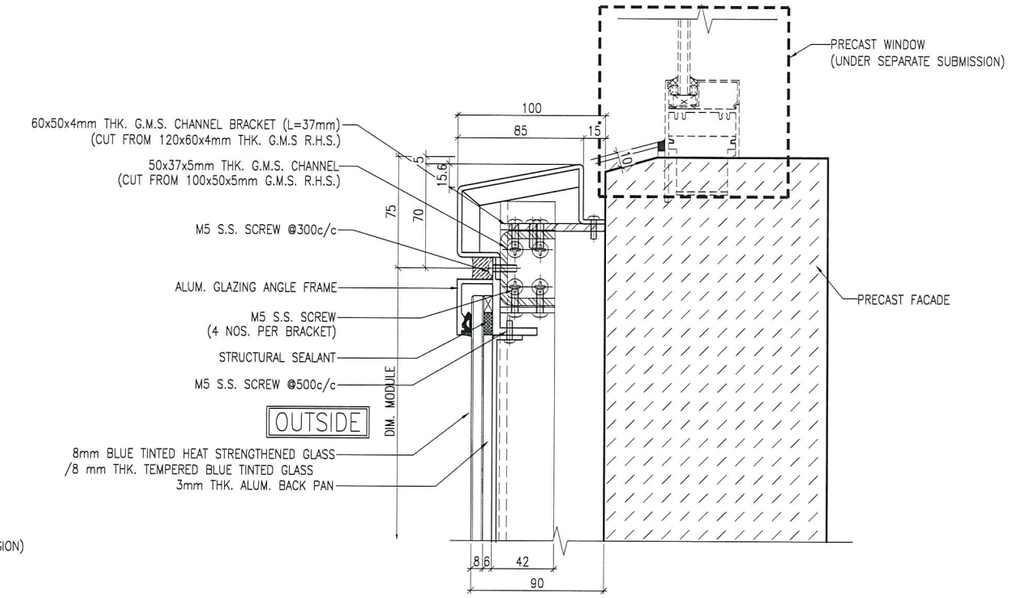
DRAWN BY : ASING | CHECKED BY : -

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

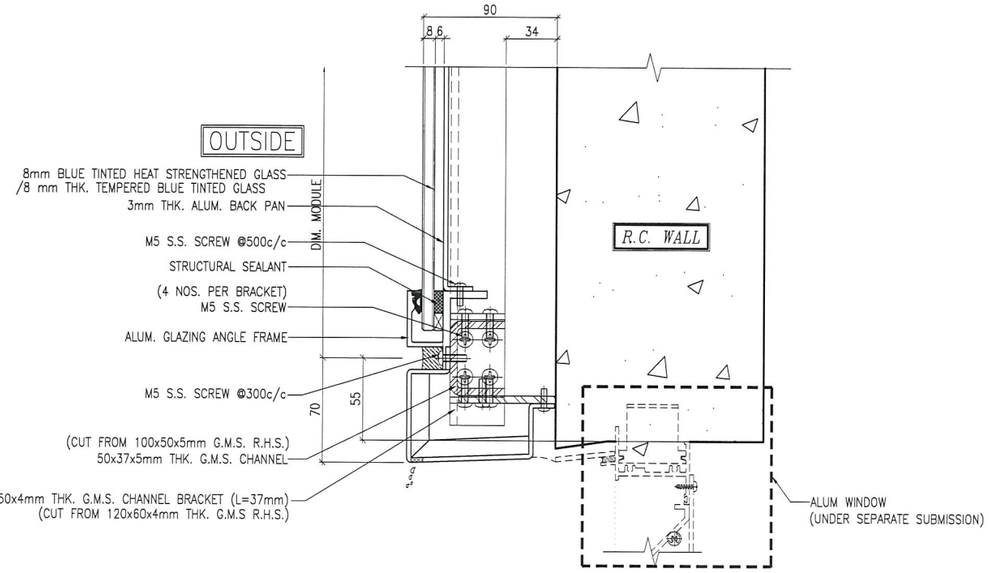
DWG NO. : J837-GC-6005 | REV. : -



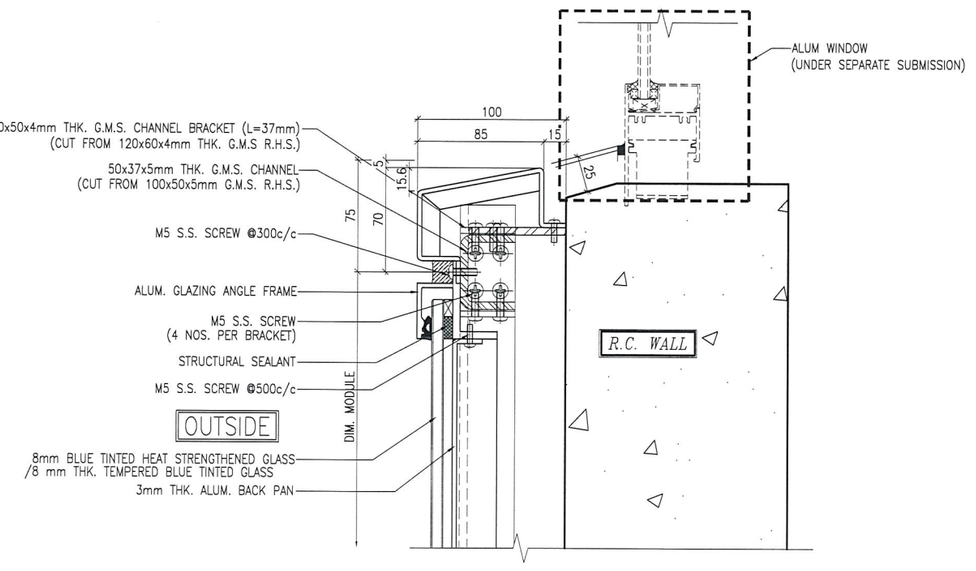
1 / 6006 TYPICAL TRANSOM DETAIL CURTAIN WALL



2 / 6006 TYPICAL TRANSOM DETAIL CURTAIN WALL



3 / 6006 TYPICAL TRANSOM DETAIL CURTAIN WALL



4 / 6006 TYPICAL TRANSOM DETAIL 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 :
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-6006 | REV. : -