

工程指示編號：EI / 110 / 19

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(6th 大圖)

收件人：生統 / 永林

發件人：Eric Liu

日期：04/10/2019

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：

因 EI9720 已到 J 版，無法登記，現 EI110 為 EI9720 修改版
提供修改大圖，請按此修改拆圖，優先提供特式層鵝頭位置玻璃 BM
請盡快提供拆圖，包括以下內容：

1. 鐵件 2. 玻璃 3. 鋁料 4. 配件

謝謝！

請在 2019/ 10/ 11 前完成上列要求。

附：56 頁大圖+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 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
 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 2100 / 19

發件人簽署：

項目經理簽署：





PROJECT :

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

5

TITLE : SHOPDRAWING SUBMISSION DRAWINGS
OF GLASS CLADDING

DATE: 2 - Oct - 2019

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 1 - 1991. (PARTIAL LOAD FACTOR OF 1.4 FOR WIND LOAD)
 - f) BS 6282 -CODE OF PRACTICE FOR GLAZING OF BUILDING - 2005.
 - g) BS EN 10088: 2005 STAINLESS STEELS.
 - h) ALL RELEVANT CODES AND STANDARDS AS PER PROJECT TECHNICAL SPECIFICATIONS.
 - i) CODE OF PRACTICE FOR DEAD AND IMPOSED LOAD 2011
2. DESIGN LOADS :
 - a) WIND LOAD :
 - HEIGHT ABOVE GROUND LEVEL = 188.42mPD - 8.58mPD = 179.84m
 - DESIGN WIND PRESSURE FOR GLASS CLADDING
BASE WIND LOAD: 3.14 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) = -4.398 KPa (FOR OUTWARD)
 - b) DEAD LOAD :
 - GLASS WEIGHT: 26 kN/m²
 - STEEL WEIGHT: 77 kN/m²
 - ALUM. WEIGHT: 27.2 kN/m²
3. GLASS :
 - a) FACIAL GLASS FOR GLASS CLADDING USED TO BE :
 - i) G4 : 8 mm THK. BLUE TINTED HEAT STRENGTHENED GLASS WITH BACK PAN (MAX SIZE 2250Hx700W)
 - ii) G5 : 8 mm THK. BLUE TINTED TEMPERED GLASS (MAX SIZE 2250Hx1370W)
 - b) FULL TEMPERED GLASS TO BE 100% HEAT SOAK TESTED IN ACCORDANCE WITH BS EN 14179-1:2005 AND PMP APP 37.
 - c) DESIGN OF GLASS SHALL COMPLY TO BS. 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 6063-15
 - 0.2% PROOF STRENGTH = 110 MPa
 - MINIMUM TENSILE STRENGTH = 130 MPa
 - MODULUS OF ELASTICITY = 70000 MPa.
 - ii) ALUMINIUM EXTRUSION - TO BE ALLOY 6063-16
 - 0.2% PROOF STRENGTH = 160 MPa
 - MINIMUM TENSILE STRENGTH = 175 MPa
 - MODULUS OF ELASTICITY = 70000 MPa.
5. STEEL :
 - a) ALL STEEL MEMBERS SHALL MEET THE MINIMUM REQUIREMENTS OF BS EN10025 S275 JO AND CLASS 1 TO C.O.P.
 - b) SURFACE TREATMENT SHALL BE HOT-DIP GALVANIZED COMPLIED WITH BS EN ISO 1461, 2009.
 - FOR THICKNESS "T" : 1516mm (GRADE S275)

YOUNG'S MODULUS	205,000 N/mm ²
DENSITY	77 kN/m ³
YIELD STRENGTH	275 N/mm ²
TENSILE STRENGTH	475 N/mm ²
BENDING STRENGTH	275 N/mm ²
SHEAR STRENGTH	158.8 N/mm ²
 - FOR THICKNESS "T" : 16mm<S<40mm (GRADE S275)

YOUNG'S MODULUS	205,000 N/mm ²
DENSITY	77 kN/m ³
YIELD STRENGTH	265 N/mm ²
TENSILE STRENGTH	465 N/mm ²
BENDING STRENGTH	265 N/mm ²
SHEAR STRENGTH	153 N/mm ²
6. WELDING :
 - a) ALL WELDS SHALL COMPLY TO BS EN 1011 & BS EN 440 OR EQUIVALENT TO HKSC 2011.
 - b) DESIGN STRENGTH 220 N/mm²
 - c) UNLESS OTHERWISE INDICATED, ALL WELDS SHALL BE 5mm THICK FILLET WELD.
 - d) ALL WELDING SHALL BE ELECTRODE PERFORMED BY QUALIFIED WELDERS, TO BE COMPLY WITH BS EN 1011.
 - e) ALL SITE WELDS SHALL BE RECEIVED 2 COATS OF ZINC CHROMATE PRIMER.
7. SILICONE SEALANT :
 - a) " Dow Sil - 791 " TO BE USED AS WEATHER SEALED & CAULKING SEALANT.
 - b) " Dow Corning - 983 " TO BE USED AS STRUCTURAL GLAZING SEALANT. (ALLOWABLE STRENGTH = 137.8 KPa) (BD REF. NO. BD-SS001) UNLESS OTHERWISE INDICATED , ALL STRUCTURAL SEALANT BITE SHALL BE MIN. 15mm.

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. DIAMETER 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, Ustb = 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

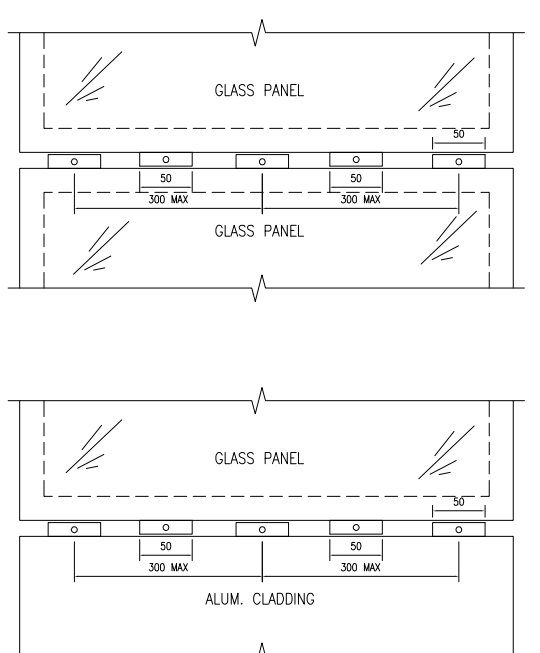
ALUMINIUM / STEEL CONTACTED SURFACE SHALL BE ISOLATED WITH PVC SHEET & STEEL / CONCRETE INTERFACE SHALL BE APPLIED A LAYER OF BITUMINOUS PAINT FOR PROTECTION AGAINST BI-METALLIC CORROSION.
11. CONCRETE GRADE

CONCRETE STRUCTURE SHOWN IN THE SUBMISSION SHALL BE OF GRADE 35D MINIMUM.
12. ANCHOR BOLT FOR ALUM. CLADDING

ANCHOR BOLT TO BE " HIT " TYPE DESIGN AND INSTALLATION TO BE IN ACCORDANCE FOR CRACKED CONCRETE

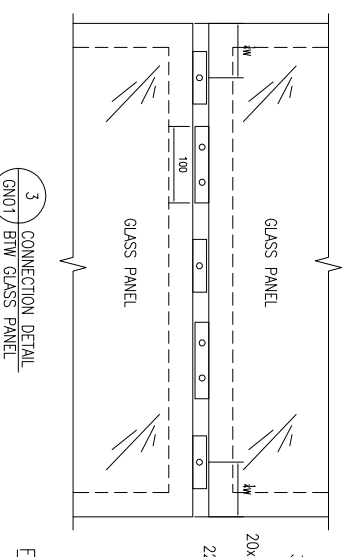
Anchor Type	BD REF. NO.	Min embedment depth (mm)	Minimum edge distance in concrete	Minimum spacing in concrete	Recommended Load	Test load (1.5 x recommended tensile load) (kN)
M12S124	BD-A-F151	64	40	50	1180.2-2.675	1180.2-4.016
M12S124	BD-A-F151	64	50	50	1180.4-4.721	1180.4-6.738

CONSIDER CONCRETE GRADE FACTOR: $\gamma_{25} = 1.183$
13. ALL GLASS CLADDING SHALL BE FIXED AND LIE IN FRONT OF R.C. STRUCTURE ONLY
14. CAST-IN EMBED-REBAR TO BE GRADE 500B TO CS2:2012
15. LATEST GBP APPROVAL DATE: 11/07/2017
- LATEST FRAMING PLAN APPROVAL DATE: 06/10/2017

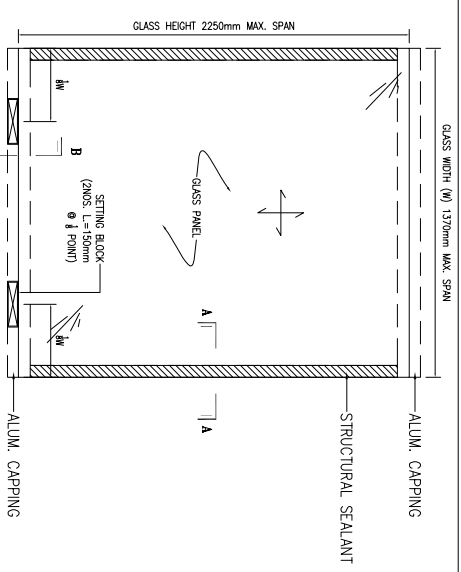


1 CONNECTION DETAIL
GN01 BTW GLASS PANEL

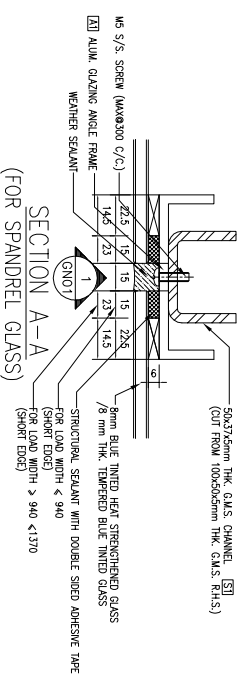
2 CONNECTION DETAIL
GN01 BTW GLASS PANEL AND ALUM. CLADDING



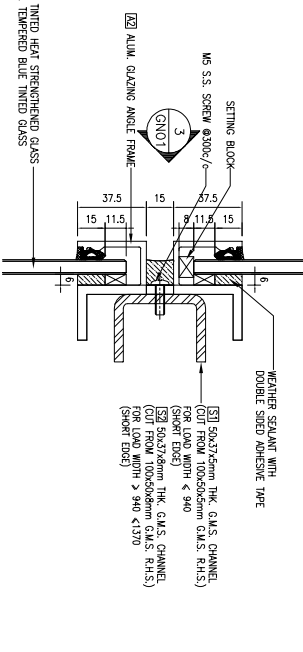
TYPICAL SECTION FOR ALUM. STIFFENER
SECTION C-C



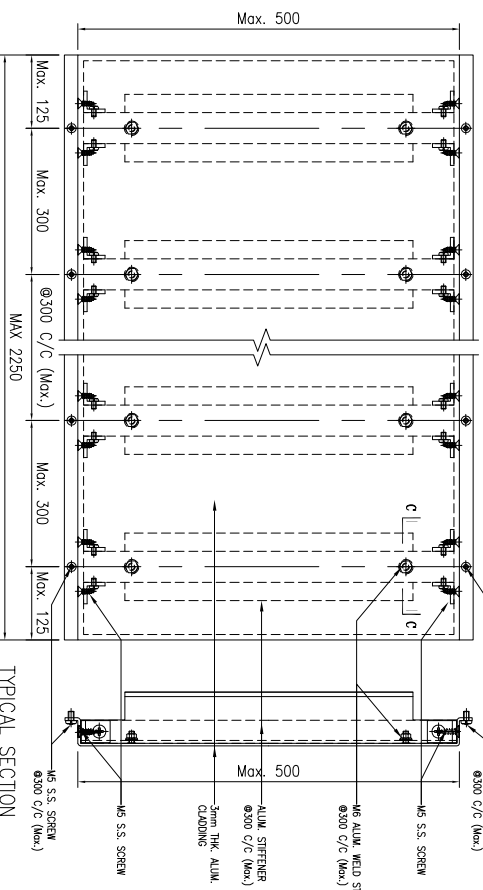
* TYPICAL ELEVATION FOR SETTING BLOCK LOCATION
(N.T.S.)



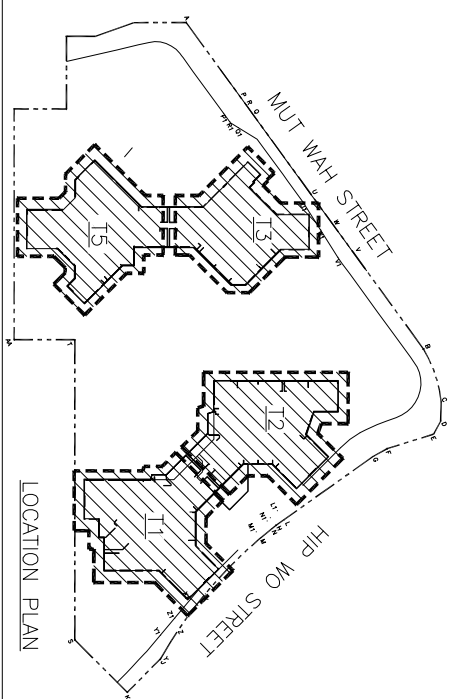
SECTION A-A
(FOR SPANDREL GLASS)



SECTION B-B
(FOR SPANDREL GLASS)



TYPICAL ELEVATION FOR 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.
GN01 -- REFER SHEET NO.

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

NO.	DATE	REVISION	BY
A	16/6/2019	GENERAL REVISED	
B	17/11/2018	GENERAL REVISED	
C	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

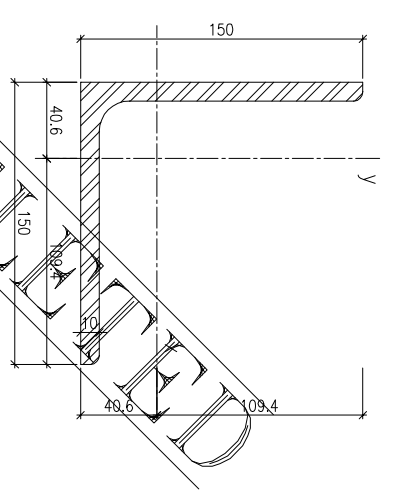
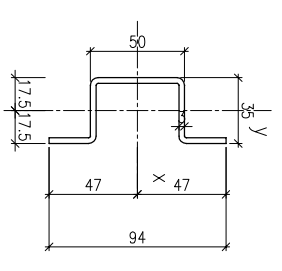
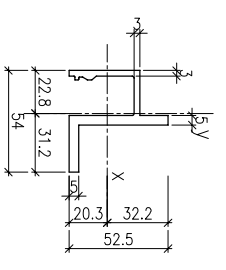
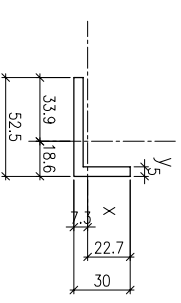
DATE : 13-JUL-18 SCALE : 1:1 (A1)

DRAWN BY : ASING CHECKED BY : -

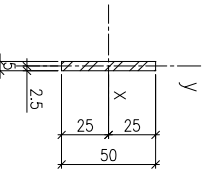
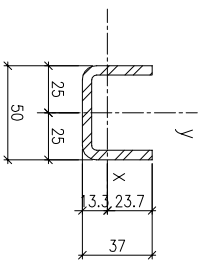
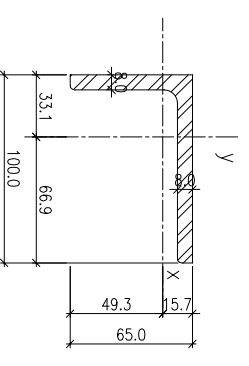
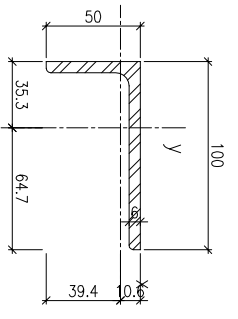
UNIT 6-8, SUNNARY INDUSTRIAL CENTRE, 1/F
610 CHA KWAI LING ROAD, KOWLOON
Tel:23489211-4 Fax:(852)27276666

DWG NO. : J837-GC-GN01 REV. : C

A1 --- ALUMINIUM GLAZING ANGLE GRADE --- 6063 T6	COATING --- PVF2 COATING	A2 --- ALUMINIUM GLAZING ANGLE GRADE --- 6063 T6	COATING --- PVF2 COATING	3mm THK ALUM. CHANNEL STIFFENER GRADE --- 3003-H14	COATING --- N/A FINISHED
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MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES
Area (mm ²) :	387.5	Area (mm ²) :	579.0	Area (mm ²) :	461.1	Area (mm ²) :	2945.0
Perimeter (mm) :	165.0	Perimeter (mm) :	285.2	Perimeter (mm) :	313.4	Perimeter (mm) :	589.0
Bounding Box - X (mm) :	-33.9 to 18.6	Bounding Box - X (mm) :	-22.8 to 31.2	Bounding Box - X (mm) :	-17.5 to 17.5	Bounding Box - X (mm) :	-40.6 to 109.4
Bounding Box - Y (mm) :	-7.3 to 22.7	Bounding Box - Y (mm) :	-20.3 to 32.2	Bounding Box - Y (mm) :	-47.0 to 47.0	Bounding Box - Y (mm) :	-40.6 to 109.4
Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0
Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0
Moments of inertia - X (mm ⁴) :	26109.7	Moments of inertia - X (mm ⁴) :	140880.3	Moments of inertia - X (mm ⁴) :	306701.0	Moments of inertia - X (mm ⁴) :	6351138.5
Moments of inertia - Y (mm ⁴) :	108316.7	Moments of inertia - Y (mm ⁴) :	118949.8	Moments of inertia - Y (mm ⁴) :	85599.1	Moments of inertia - Y (mm ⁴) :	6351138.3
Product of inertia - XY (mm ⁴) :	30166.3	Product of inertia - XY (mm ⁴) :	-37896.0	Product of inertia - XY (mm ⁴) :	0.0	Product of inertia - XY (mm ⁴) :	372890.1
Radius of gyration - X (mm) :	8.2	Radius of gyration - X (mm) :	15.6	Radius of gyration - X (mm) :	25.8	Radius of gyration - X (mm) :	46.4
Radius of gyration - Y (mm) :	16.7	Radius of gyration - Y (mm) :	14.3	Radius of gyration - Y (mm) :	13.6	Radius of gyration - Y (mm) :	46.4
Principal moments along X-Y (mm ⁴) :	16227.9 along [1.0 0.3]	Principal moments along X-Y (mm ⁴) :	90464.5 along [0.6 -0.8]	Principal moments along X-Y (mm ⁴) :	306701.0 along [1.0 0.0]	Principal moments along X-Y (mm ⁴) :	10078028.4 along [0.7 0.7]
Principal moments along Y-X (mm ⁴) :	18198.6 along [-0.3 1.0]	Principal moments along Y-X (mm ⁴) :	169365.5 along [0.8 0.6]	Principal moments along Y-X (mm ⁴) :	85599.1 along [0.0 1.0]	Principal moments along Y-X (mm ⁴) :	2624248.3 along [-0.7 0.7]
Elastic Modulus - Zx (mm ³) :	1 / y-max= 1152.2	Elastic Modulus - Zx (mm ³) :	1 / y-max= 4369.2	Elastic Modulus - Zx (mm ³) :	1 / y-max= 6525.6	Elastic Modulus - Zx (mm ³) :	1 / y-max= 58035.6
Elastic Modulus - Zy (mm ³) :	J / x-max= 3194.1	Elastic Modulus - Zy (mm ³) :	J / x-max= 3818.1	Elastic Modulus - Zy (mm ³) :	J / x-max= 4891.4	Elastic Modulus - Zy (mm ³) :	J / x-max= 58035.6



MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES
Area (mm ²) :	872.0	Area (mm ²) :	1264.0	Area (mm ²) :	548.5	Area (mm ²) :	250.0
Perimeter (mm) :	294.9	Perimeter (mm) :	374.9	Perimeter (mm) :	229.4	Perimeter (mm) :	110.0
Bounding Box - X (mm) :	-35.3 to 64.7	Bounding Box - X (mm) :	-33.1 to 66.9	Bounding Box - X (mm) :	-25.0 to 25.0	Bounding Box - X (mm) :	-2.5 to 2.5
Bounding Box - Y (mm) :	-39.4 to 10.6	Bounding Box - Y (mm) :	-49.3 to 15.7	Bounding Box - Y (mm) :	-13.3 to 23.7	Bounding Box - Y (mm) :	-25.0 to 25.0
Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0
Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0
Moments of inertia - X (mm ⁴) :	157189.7	Moments of inertia - X (mm ⁴) :	431914.8	Moments of inertia - X (mm ⁴) :	72810.4	Moments of inertia - X (mm ⁴) :	52082.4
Moments of inertia - Y (mm ⁴) :	907790.5	Moments of inertia - Y (mm ⁴) :	1283316.8	Moments of inertia - Y (mm ⁴) :	202582.1	Moments of inertia - Y (mm ⁴) :	520.8
Product of inertia - XY (mm ⁴) :	212891.2	Product of inertia - XY (mm ⁴) :	-430462.0	Product of inertia - XY (mm ⁴) :	0.0	Product of inertia - XY (mm ⁴) :	0.0
Radius of gyration - X (mm) :	13.4	Radius of gyration - X (mm) :	18.3	Radius of gyration - X (mm) :	11.5	Radius of gyration - X (mm) :	14.4
Radius of gyration - Y (mm) :	32.3	Radius of gyration - Y (mm) :	31.9	Radius of gyration - Y (mm) :	19.2	Radius of gyration - Y (mm) :	1.4
Principal moments along X-Y (mm ⁴) :	101111.0 along [1.0 0.3]	Principal moments along X-Y (mm ⁴) :	252207.8 along [0.9 0.4]	Principal moments along X-Y (mm ⁴) :	72810.4 along [1.0 0.0]	Principal moments along X-Y (mm ⁴) :	52082.4 along [1.0 0.0]
Principal moments along Y-X (mm ⁴) :	96389.2 along [-0.3 1.0]	Principal moments along Y-X (mm ⁴) :	1463023.8 along [-0.4 0.9]	Principal moments along Y-X (mm ⁴) :	202582.1 along [0.0 1.0]	Principal moments along Y-X (mm ⁴) :	520.8 along [0.0 1.0]
Elastic Modulus - Zx (mm ³) :	1 / y-max= 3984.9	Elastic Modulus - Zx (mm ³) :	1 / y-max= 8762.4	Elastic Modulus - Zx (mm ³) :	1 / y-max= 3077.8	Elastic Modulus - Zx (mm ³) :	1 / y-max= 2083.3
Elastic Modulus - Zy (mm ³) :	J / x-max= 14020.5	Elastic Modulus - Zy (mm ³) :	J / x-max= 19171.9	Elastic Modulus - Zy (mm ³) :	J / x-max= 8103.3	Elastic Modulus - Zy (mm ³) :	J / x-max= 2083.3

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

50x37x5mm THK G.M.S. CHANNEL (GRADE --- S275)
(CUT FROM 100x50x6mm THK G.M.S. R.H.S.)

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

B.O. REF. :

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

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
WTF

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.

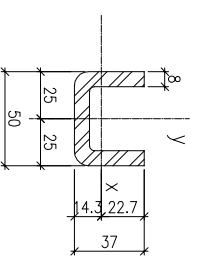
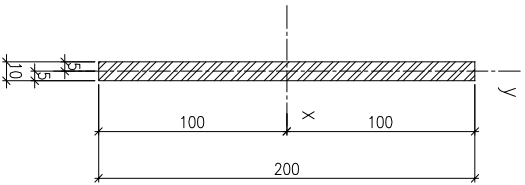
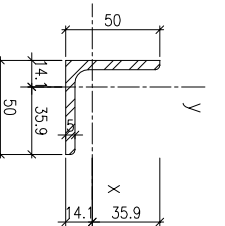
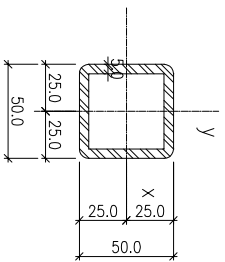
LEGEND:
X1 --- DETAIL MARK NO.
X001 --- REFER SHEET NO.

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

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
DRAWN BY :	ASING
CHECKED BY :	-
NO. :	C
DATE :	27/5/2019
REVISION :	GENERAL REVISED
NO. :	B
DATE :	19/11/2018
REVISION :	GENERAL REVISED
NO. :	A
DATE :	19/10/2018
REVISION :	GENERAL REVISED
NO. :	
DATE :	
REVISION :	

UNIT 6-8, Sunray Industrial Centre, 1/F
610 Cheung Kwong Road, Kwun Tong,
Tel: 23489211-4 Fax: (852) 2727666
DWG NO. : 1837-CC-ML01

REV. : C



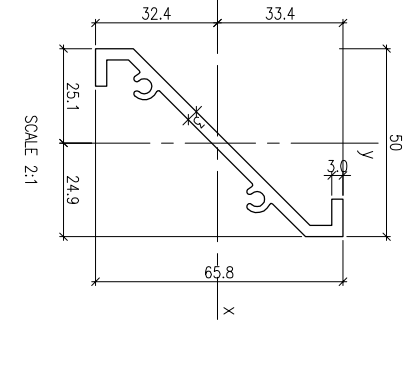
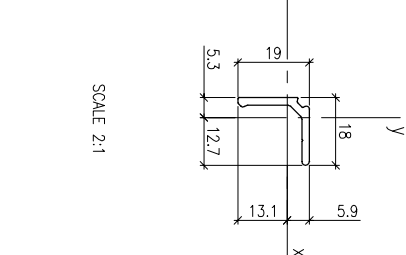
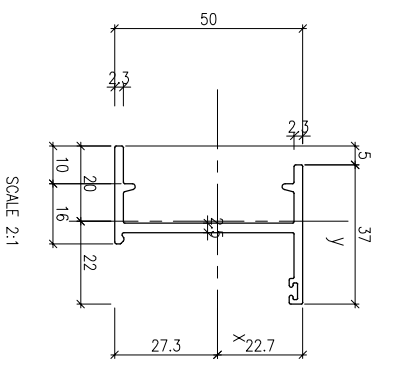
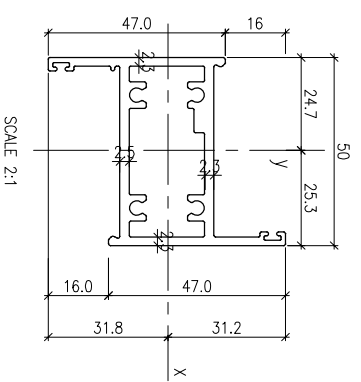
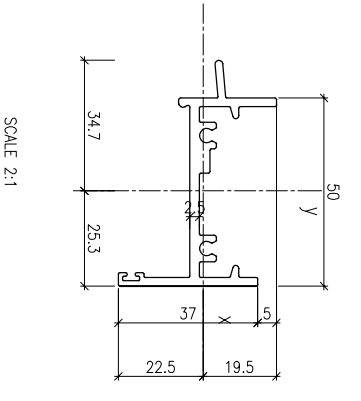
50x50x5mm THK. G.M.S. SHS

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

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

50x37x8mm THK. G.M.S. CHANNEL (GRADE --- S275)
(OUT FROM 100x50x8mm THK. G.M.S. R.H.S.)

MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES
Area (mm ²) :	878.5	Area (mm ²) :	483.0	Area (mm ²) :	2000.0	Area (mm ²) :	842.5	Area (mm ²) :	842.5	Area (mm ²) :	223.4
Perimeter (mm) :	351.4	Perimeter (mm) :	194.9	Perimeter (mm) :	420.0	Perimeter (mm) :	66.66667	Perimeter (mm) :	66.66667	Perimeter (mm) :	223.4
Bounding Box - X (mm) :	-25.0 to 25.0	Bounding Box - X (mm) :	-4.1 to 35.9	Bounding Box - X (mm) :	-5.0 to 5.0	Bounding Box - X (mm) :	-100.0 to 100.0	Bounding Box - X (mm) :	-25.0 to 25.0	Bounding Box - X (mm) :	-25.0 to 25.0
Bounding Box - Y (mm) :	-25.0 to 25.0	Bounding Box - Y (mm) :	-14.1 to 35.9	Bounding Box - Y (mm) :	-100.0 to 100.0	Bounding Box - Y (mm) :	-14.3 to 22.7	Bounding Box - Y (mm) :	-14.3 to 22.7	Bounding Box - Y (mm) :	-14.3 to 22.7
Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0	Centroid - X (mm) :	0.0
Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0	Centroid - Y (mm) :	0.0
Moments of inertia - X (mm ⁴) :	295240.1	Moments of inertia - X (mm ⁴) :	111482.9	Moments of inertia - X (mm ⁴) :	6666666.7	Moments of inertia - X (mm ⁴) :	104479.9	Moments of inertia - X (mm ⁴) :	104479.9	Moments of inertia - X (mm ⁴) :	277975.5
Moments of inertia - Y (mm ⁴) :	295240.3	Moments of inertia - Y (mm ⁴) :	111484.6	Moments of inertia - Y (mm ⁴) :	16666.6	Moments of inertia - Y (mm ⁴) :	277975.5	Moments of inertia - Y (mm ⁴) :	277975.5	Moments of inertia - Y (mm ⁴) :	11.1
Product of inertia - XY (mm ⁴) :	0.0	Product of inertia - XY (mm ⁴) :	65154.1	Product of inertia - XY (mm ⁴) :	57.7	Product of inertia - XY (mm ⁴) :	0.0	Product of inertia - XY (mm ⁴) :	0.0	Product of inertia - XY (mm ⁴) :	11.1
Radii of gyration - X (mm) :	18.3	Radii of gyration - X (mm) :	15.2	Radii of gyration - X (mm) :	2.9	Radii of gyration - X (mm) :	18.2	Radii of gyration - X (mm) :	18.2	Radii of gyration - X (mm) :	11.1
Radii of gyration - Y (mm) :	18.3	Radii of gyration - Y (mm) :	15.2	Radii of gyration - Y (mm) :	2.9	Radii of gyration - Y (mm) :	18.2	Radii of gyration - Y (mm) :	18.2	Radii of gyration - Y (mm) :	11.1
Principal moments along X-Y (mm ⁴) :	295240.1 along [1.0 0.0]	Principal moments along X-Y (mm ⁴) :	46329.7 along [0.7 -0.7]	Principal moments along X-Y (mm ⁴) :	6666666.7 along [1.0 0.0]	Principal moments along X-Y (mm ⁴) :	104479.9 along [1.0 0.0]	Principal moments along X-Y (mm ⁴) :	104479.9 along [1.0 0.0]	Principal moments along X-Y (mm ⁴) :	277975.5 along [0.0 1.0]
Principal moments along Y-X (mm ⁴) :	295240.3 along [0.0 1.0]	Principal moments along Y-X (mm ⁴) :	176637.8 along [0.7 0.7]	Principal moments along Y-X (mm ⁴) :	16666.6 along [0.0 1.0]	Principal moments along Y-X (mm ⁴) :	277975.5 along [0.0 1.0]	Principal moments along Y-X (mm ⁴) :	277975.5 along [0.0 1.0]	Principal moments along Y-X (mm ⁴) :	11.1 along [0.0 1.0]
Elastic Modulus - Zx (mm ³) :	1 / y-max= 11809.6	Elastic Modulus - Zx (mm ³) :	1 / y-max= 3106.1	Elastic Modulus - Zx (mm ³) :	1 / y-max= 66666.7	Elastic Modulus - Zx (mm ³) :	1 / y-max= 4596.4	Elastic Modulus - Zx (mm ³) :	1 / y-max= 4596.4	Elastic Modulus - Zx (mm ³) :	1 / y-max= 3941.11
Elastic Modulus - Zy (mm ³) :	J / x-max= 11809.6	Elastic Modulus - Zy (mm ³) :	J / x-max= 3106.1	Elastic Modulus - Zy (mm ³) :	J / x-max= 3333.3	Elastic Modulus - Zy (mm ³) :	J / x-max= 11119.0	Elastic Modulus - Zy (mm ³) :	J / x-max= 11119.0	Elastic Modulus - Zy (mm ³) :	J / x-max= 3598.91



GRADE	COATING	GRADE	COATING	GRADE	COATING	GRADE	COATING	GRADE	COATING	GRADE	COATING
A3	---	A4	---	A5	---	A6	---	A7	---	A8	---
---	6063-16	---	6063-15	---	6063-15	---	6063-15	---	6063-15	---	6063-15
	X846390		X846100		X846370		X844890		X844890		X843331

MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES	MASS PROPERTIES (UNIT)	VALUES
Area (mm ²) :	342.82	Area (mm ²) :	522.53	Area (mm ²) :	270.56	Area (mm ²) :	68.49	Area (mm ²) :	330.84	Area (mm ²) :	330.84
Perimeter (mm) :	289.03	Perimeter (mm) :	451.29	Perimeter (mm) :	239.01	Perimeter (mm) :	70.60	Perimeter (mm) :	238.46	Perimeter (mm) :	238.46
Bounding Box - X (mm) :	-34.70 to 25.30	Bounding Box - X (mm) :	-24.66 to 25.34	Bounding Box - X (mm) :	-19.98 to 22.02	Bounding Box - X (mm) :	-9.26 to 12.74	Bounding Box - X (mm) :	-25.07 to 24.93	Bounding Box - X (mm) :	-25.07 to 24.93
Bounding Box - Y (mm) :	-22.51 to 19.49	Bounding Box - Y (mm) :	-31.76 to 31.24	Bounding Box - Y (mm) :	-27.34 to 22.66	Bounding Box - Y (mm) :	-13.05 to 5.95	Bounding Box - Y (mm) :	-32.39 to 33.36	Bounding Box - Y (mm) :	-32.39 to 33.36
Centroid - X (mm) :	0.00	Centroid - X (mm) :	0.00	Centroid - X (mm) :	0.00	Centroid - X (mm) :	0.00	Centroid - X (mm) :	0.00	Centroid - X (mm) :	0.00
Centroid - Y (mm) :	0.00	Centroid - Y (mm) :	0.00	Centroid - Y (mm) :	0.00	Centroid - Y (mm) :	0.00	Centroid - Y (mm) :	0.00	Centroid - Y (mm) :	0.00
Moments of inertia - X (mm ⁴) :	19354.31	Moments of inertia - X (mm ⁴) :	90114.79	Moments of inertia - X (mm ⁴) :	105795.49	Moments of inertia - X (mm ⁴) :	2363.75	Moments of inertia - X (mm ⁴) :	131492.97	Moments of inertia - X (mm ⁴) :	131492.97
Moments of inertia - Y (mm ⁴) :	134266.31	Moments of inertia - Y (mm ⁴) :	180076.93	Moments of inertia - Y (mm ⁴) :	18752.42	Moments of inertia - Y (mm ⁴) :	19451.7	Moments of inertia - Y (mm ⁴) :	90239.64	Moments of inertia - Y (mm ⁴) :	105727.93
Product of inertia - XY (mm ⁴) :	-20546.96	Product of inertia - XY (mm ⁴) :	41817.33	Product of inertia - XY (mm ⁴) :	17502.93	Product of inertia - XY (mm ⁴) :	1408.79	Product of inertia - XY (mm ⁴) :	193.4	Product of inertia - XY (mm ⁴) :	193.4
Radii of gyration - X (mm) :	7.51	Radii of gyration - X (mm) :	13.01	Radii of gyration - X (mm) :	19.77	Radii of gyration - X (mm) :	5.87	Radii of gyration - X (mm) :	16.52	Radii of gyration - X (mm) :	16.52
Radii of gyration - Y (mm) :	19.79	Radii of gyration - Y (mm) :	18.39	Radii of gyration - Y (mm) :	8.33	Radii of gyration - Y (mm) :	7.50	Radii of gyration - Y (mm) :	16.52	Radii of gyration - Y (mm) :	16.52
Principal moments along X-Y (mm ⁴) :	15790.88 along [0.99 -0.17]	Principal moments along X-Y (mm ⁴) :	73679.36 along [0.93 0.37]	Principal moments along X-Y (mm ⁴) :	5364.72 along [0.19 0.98]	Principal moments along X-Y (mm ⁴) :	3578.21 along [-0.26 0.65]	Principal moments along X-Y (mm ⁴) :	3145.12 along [0.64 0.77]	Principal moments along X-Y (mm ⁴) :	218587.49 along [-0.77 0.64]
Principal moments along Y-X (mm ⁴) :	137829.73 along [0.17 0.99]	Principal moments along Y-X (mm ⁴) :	196512.35 along [-0.37 0.93]	Principal moments along Y-X (mm ⁴) :	99183.20 along [1.0 0.98]	Principal moments along Y-X (mm ⁴) :	181.08 along [0.76 0.65]	Principal moments along Y-X (mm ⁴) :	218587.49 along [-0.77 0.64]	Principal moments along Y-X (mm ⁴) :	3145.12 along [0.64 0.77]
Elastic Modulus - Zx (mm ³) :	1 / y-max= 859.69	Elastic Modulus - Zx (mm ³) :	1 / y-max= 2837.46	Elastic Modulus - Zx (mm ³) :	1 / y-max= 3669.39	Elastic Modulus - Zx (mm ³) :	1 / y-max= 181.08	Elastic Modulus - Zx (mm ³) :	1 / y-max= 3941.11	Elastic Modulus - Zx (mm ³) :	1 / y-max= 3941.11
Elastic Modulus - Zy (mm ³) :	J / x-max= 3869.35	Elastic Modulus - Zy (mm ³) :	J / x-max= 7107.20	Elastic Modulus - Zy (mm ³) :	J / x-max= 851.70	Elastic Modulus - Zy (mm ³) :	J / x-max= 1526.5	Elastic Modulus - Zy (mm ³) :	J / x-max= 3598.91	Elastic Modulus - Zy (mm ³) :	J / x-max= 3598.91

B.D. REF :

CLIENT :
 Sino Land Company Limited

ARCHITECT :
 Wong Tung & Partners Limited

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 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.

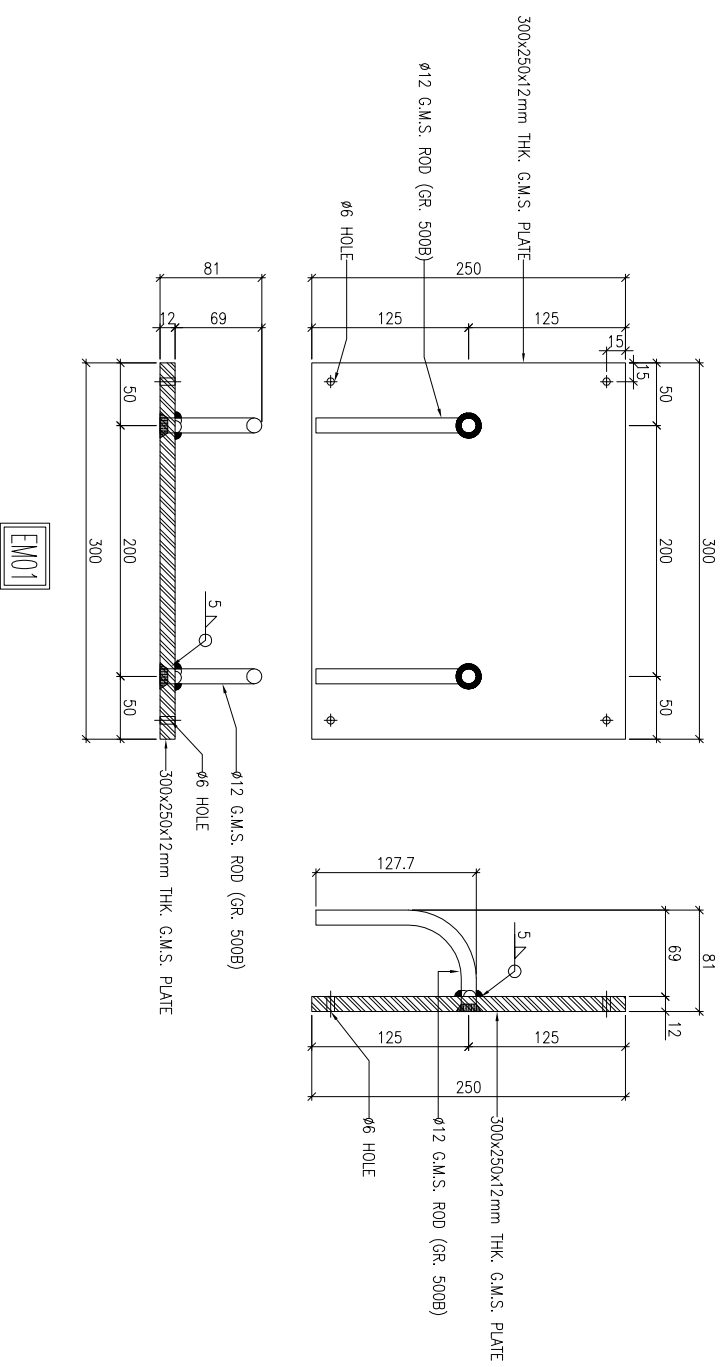
JOB NO. : J-837

NO.	DATE	REVISION	BY
B	27/5/2019	GENERAL REVISED	
A	1/3/2019	GENERAL REVISED	

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

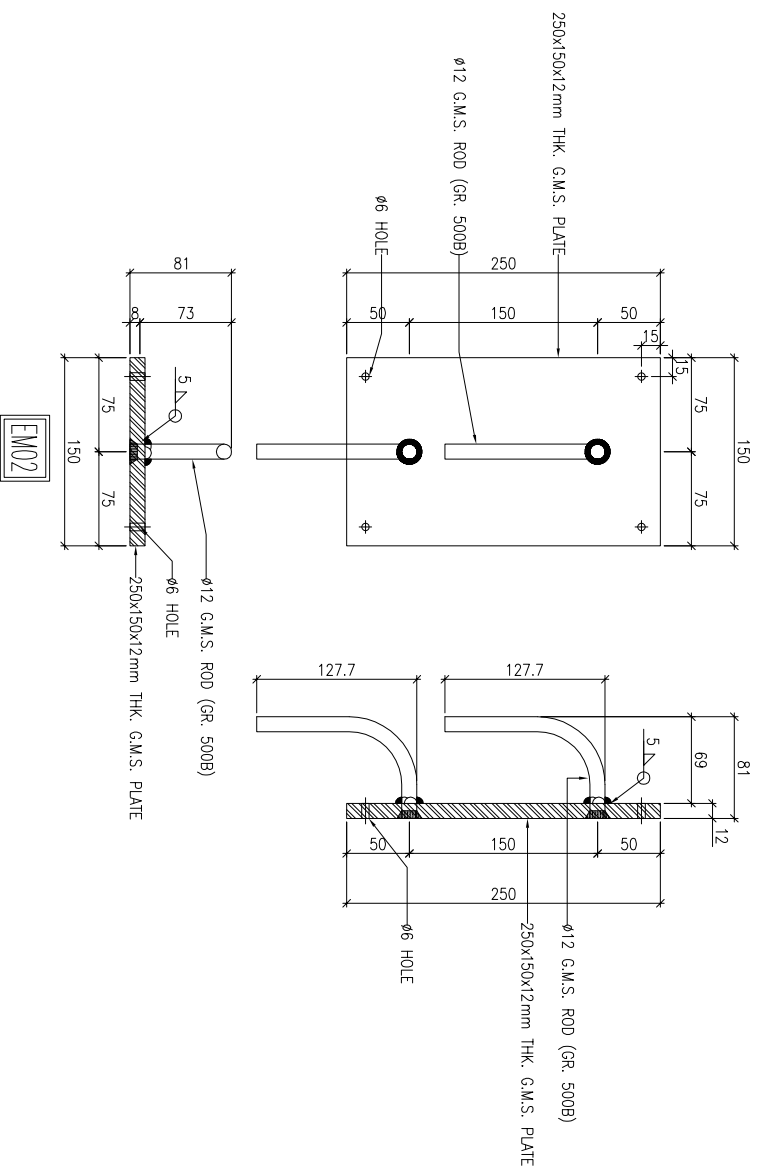
TITLE :
 DIE LIST
 FOR GLASS CLADDING

DRAWN BY : ASING
 CHECKED BY :
 MIDI Aluminium Fabrication Ltd.
 Units 6-8, Sunny Industrial Centre, 1/F
 610 Chee Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 2727666
 DWG NO. : 1837-GC-ML02
 REV. : B



" CAST IN EMBED DETAILED DIMENSION "

(NOT FOR APPROVAL, FOR INFORMATION ONLY)



" CAST IN EMBED DETAILED DIMENSION "

(NOT FOR APPROVAL, FOR INFORMATION ONLY)

B.D. REF :

CLIENT :

 信和置業有限公司
 Sino Land Company Limited

ARCHITECT :

 WONG TUNG & PARTNERS LIMITED
 ARCHITECTS & PLANNERS

MAIN CONTRACTOR :

 CR Construction Company Limited

STRUCTURAL ENGINEER :

 AECOM
 FACADE CONSULTANT:

 AECOM

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

LEGEND :

- ①② --- DETAIL MARK NO.
- ①②③ --- REFER SHEET NO.
- 1. F.F.L. --- FINISHED FLOOR LEVEL
- 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
- 3. (R) --- REVERSED DETAIL

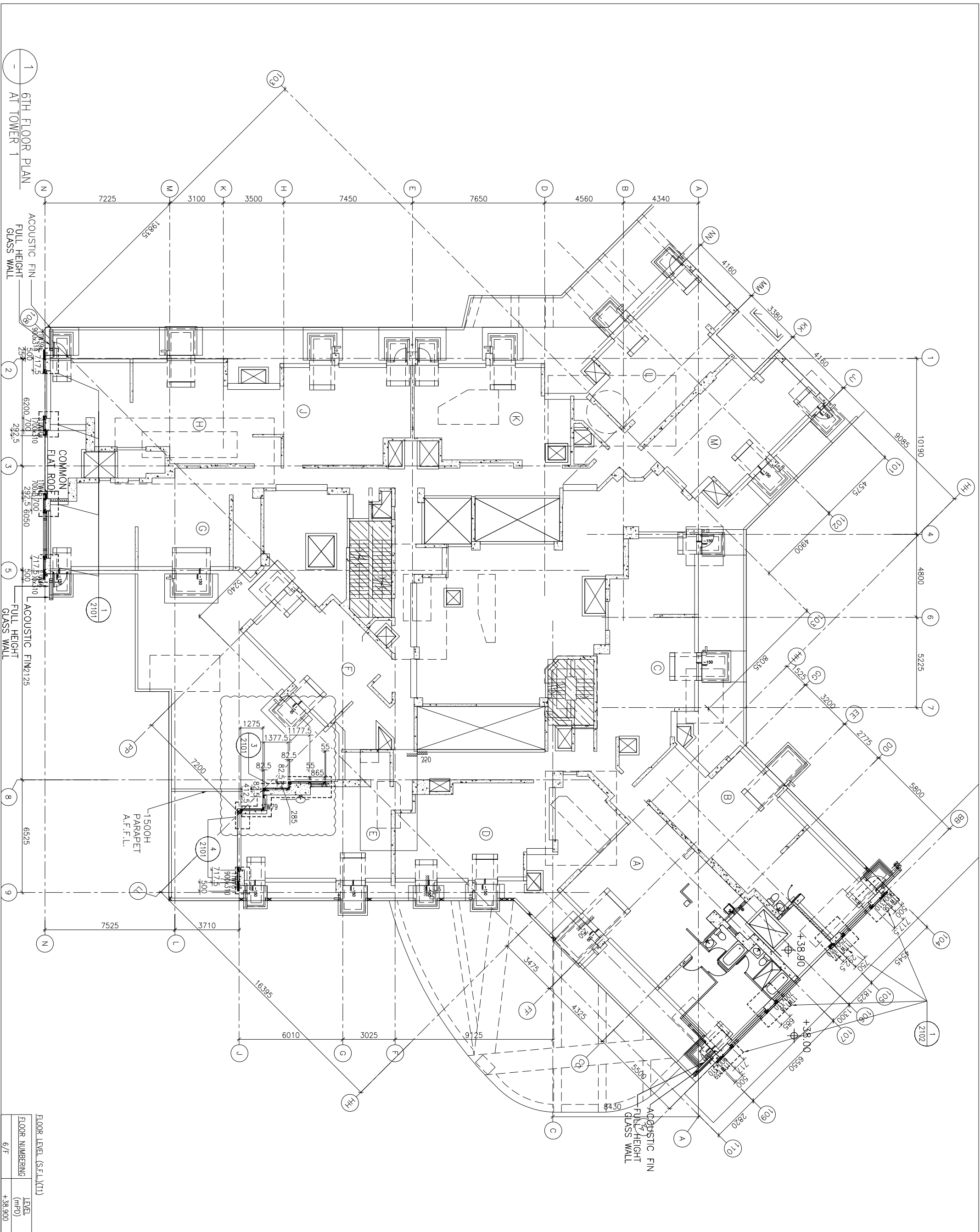
NO.	DATE	REVISED	BY






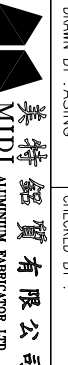
JOB NO. : J-837
 PROJECT :
 URA KWUN TONG TOWN CENTRE
 REDEVELOPMENT (AREA 2 & 3) AT
 NKIL 6514, KWUN TONG, KWILOON

TITLE :
 EMBED LIST
 FOR GLASS CLADDING

DATE : 13-JUL-18 SCALE : 1:3 (A1)
 DRAWN BY : ASING CHECKED BY : -



 MIDI Architecture Associates Ltd.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)27272666
 DWG NO. : J837-GC-ML03 REV. : -




<p>B.D. REF :</p>	<p>CLIENT :  信和置業有限公司 Sino Land Company Limited</p> <p>ARCHITECT :  WONG TUNG & PARTNERS LIMITED ARCHITECTS & PLANNERS</p> <p>MAIN CONTRACTOR :  CR Construction Company Limited</p> <p>STRUCTURAL ENGINEER :  AECOM</p> <p>FAÇADE CONSULTANT:  AECOM</p>	<p>NOTE :</p> <ol style="list-style-type: none"> 1. ALL DIMENSIONS ARE IN mm. 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE. 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION. <p>LEGEND :</p> <p>(X1) --- DETAIL MARK NO. (X001) --- REFER SHEET NO.</p> <p>1. F.F.L. --- FINISHED FLOOR LEVEL 2. S.F.L. --- STRUCTURAL FLOOR LEVEL 3. (R) --- REVERSED DETAIL</p>	<p>JOB NO. : J-837</p> <p>PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWILON</p> <p>TITLE : 6TH FLOOR PLAN OF GLASS CLADDING AT TOWER 1</p> <p>DATE : 04-JUL-18 SCALE : 1:100 (A1) DRAWN BY : ASING CHECKED BY : -</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>1/3/2019</td> <td>GENERAL REVISED</td> <td></td> </tr> <tr> <td>A</td> <td>17/11/2018</td> <td>GENERAL REVISED</td> <td></td> </tr> </tbody> </table>	NO.	DATE	REVISION	BY	B	1/3/2019	GENERAL REVISED		A	17/11/2018	GENERAL REVISED		<p>UNITED METAL FABRICATOR LTD.  美特鋁質有限公司 Units 6-8, Sunray Industrial Centre, 1/F 610 Che Kwo Ling Road, Kowloon Tel:23489211-4 Fax:(852)27276666 DWG NO. : 1837-GC-3101 REV. : B</p>
NO.	DATE	REVISION	BY													
B	1/3/2019	GENERAL REVISED														
A	17/11/2018	GENERAL REVISED														

1 6TH FLOOR PLAN
AT TOWER 1

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:

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

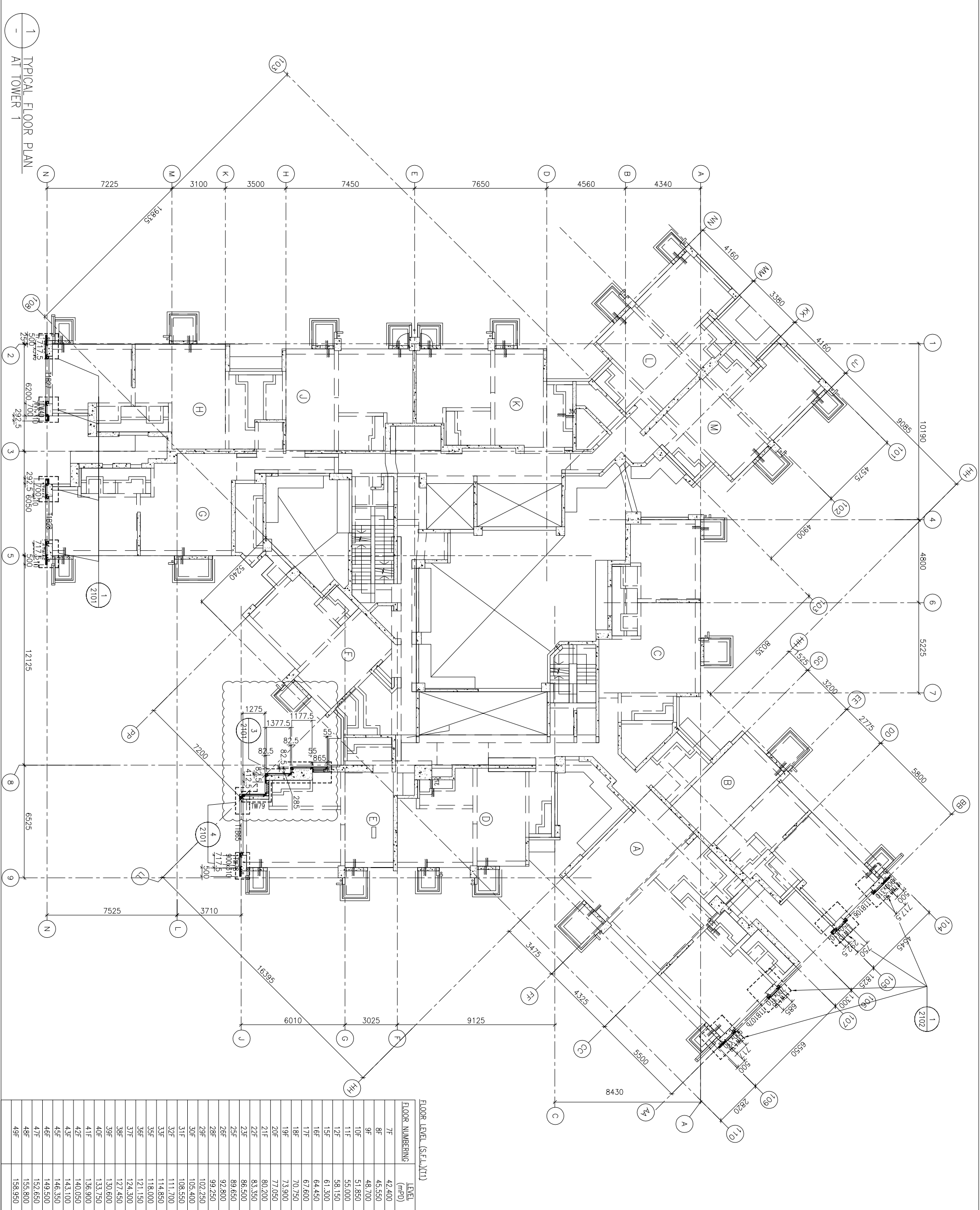
FLOOR NUMBERING	LEVEL (mPD)
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8F	45.500
9F	48.700
10F	51.850
11F	55.000
12F	58.150
15F	61.300
16F	64.450
17F	67.600
18F	70.750
19F	73.900
20F	77.050
21F	80.200
22F	83.350
23F	86.500
25F	89.650
26F	92.800
28F	99.250
29F	102.250
30F	105.400
31F	108.550
32F	111.700
33F	114.850
35F	118.000
36F	121.150
37F	124.300
38F	127.450
39F	130.600
40F	133.750
42F	140.050
43F	143.100
45F	146.350
46F	149.500
47F	152.650
48F	155.800
49F	158.950

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

TITLE : TYPICAL FLOOR PLAN OF GLASS CLADDING AT TOWER 1

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

UNIT 6-8, SUNRISE INDUSTRIAL CENTRE, 1/F
 610 Che Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27276666
 DWG NO. : 1837-GC-3102 REV. : B



1 TYPICAL FLOOR PLAN
 AT TOWER 1

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.
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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

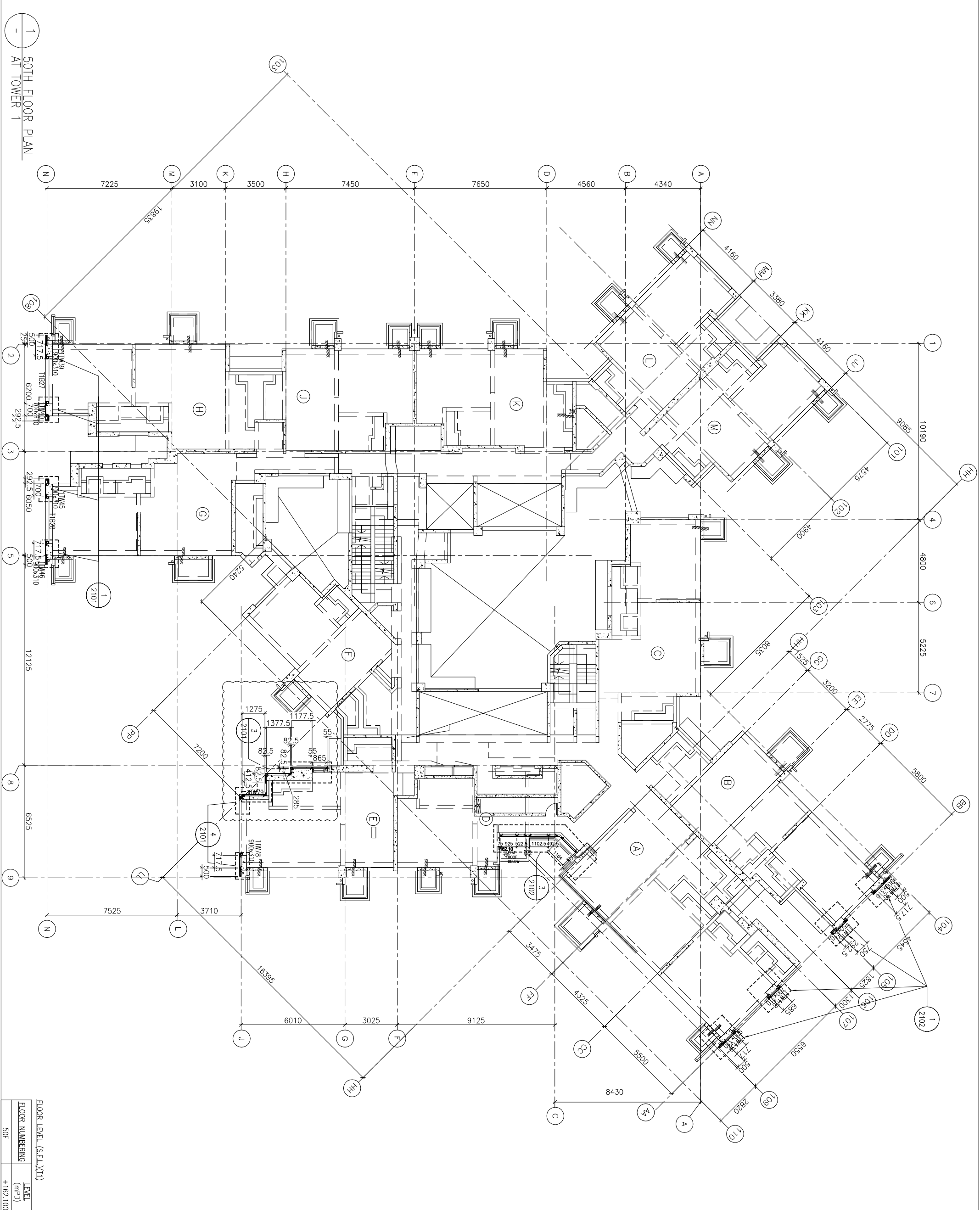
NO.	DATE	REVISION	BY
B	1/3/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	

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

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

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

UNITED ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27276666
DWG NO. : 1837-GC-3103
REV. : B



1
50TH FLOOR PLAN
AT TOWER 1

FLOOR LEVEL (S.F.L.)(II)	LEVEL (mPD)
FLOOR NUMBERS	
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
WTF

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.

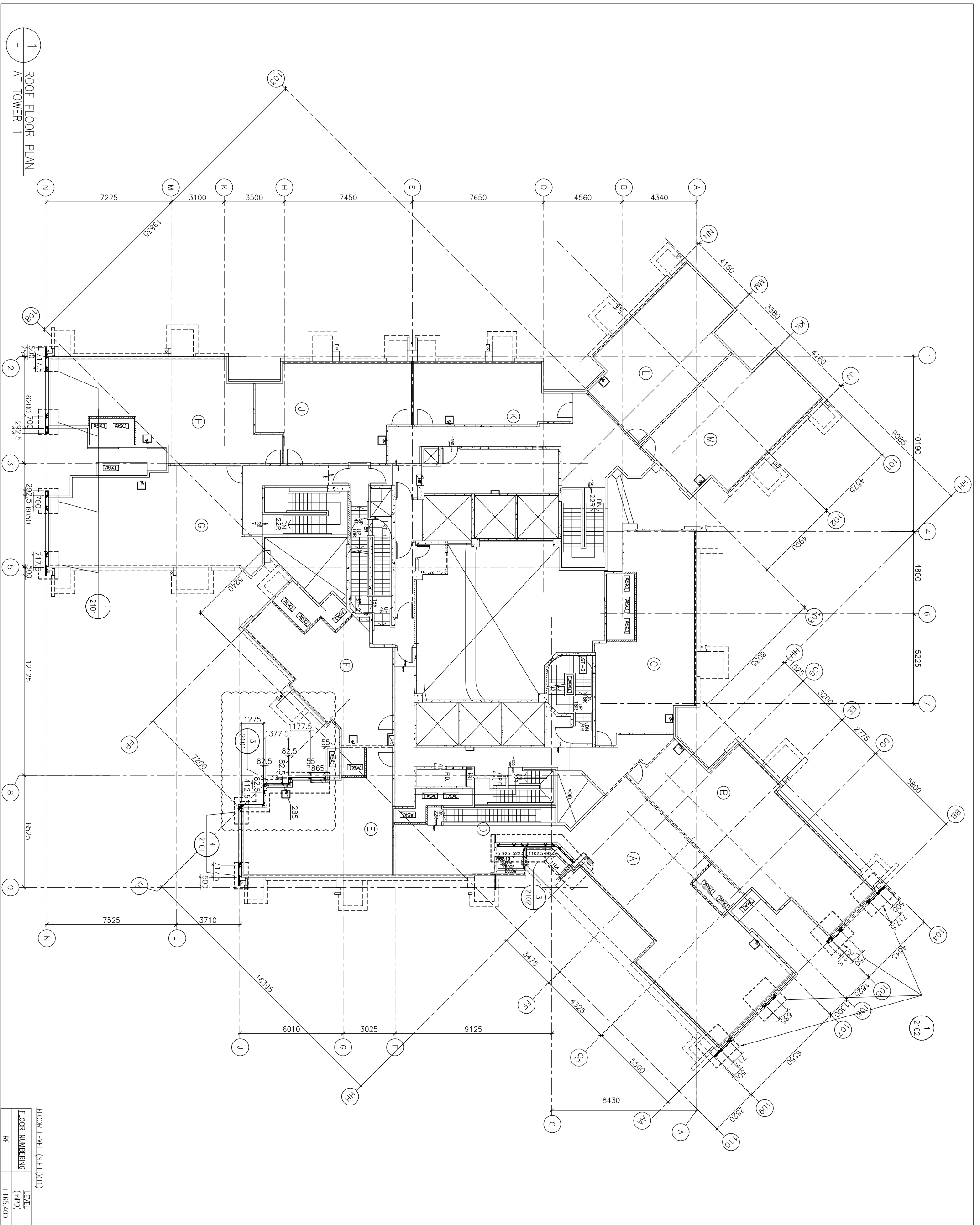
LEGEND :
X1 --- DETAIL MARK NO.
X001 --- REFER SHEET NO.
1. F.F.L. --- FINISHED FLOOR LEVEL
2. S.F.L. --- STRUCTURAL FLOOR LEVEL
3. (R) --- REVERSED DETAIL

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

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

TITLE :
ROOF FLOOR PLAN
OF GLASS CLADDING
AT TOWER 1

DATE : 04-JUL-18
SCALE : 1:100 (A1)
DRAWN BY : ASING
CHECKED BY : -
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666
DWG NO. : 1837-GC-3104
REV. : B



1 ROOF FLOOR PLAN
AT TOWER 1

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

FAÇADE CONSULTANT :
AECOM

NOTE :
1. ALL DIMENSIONS ARE IN mm.
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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	REVISION	BY
B	1/3/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	

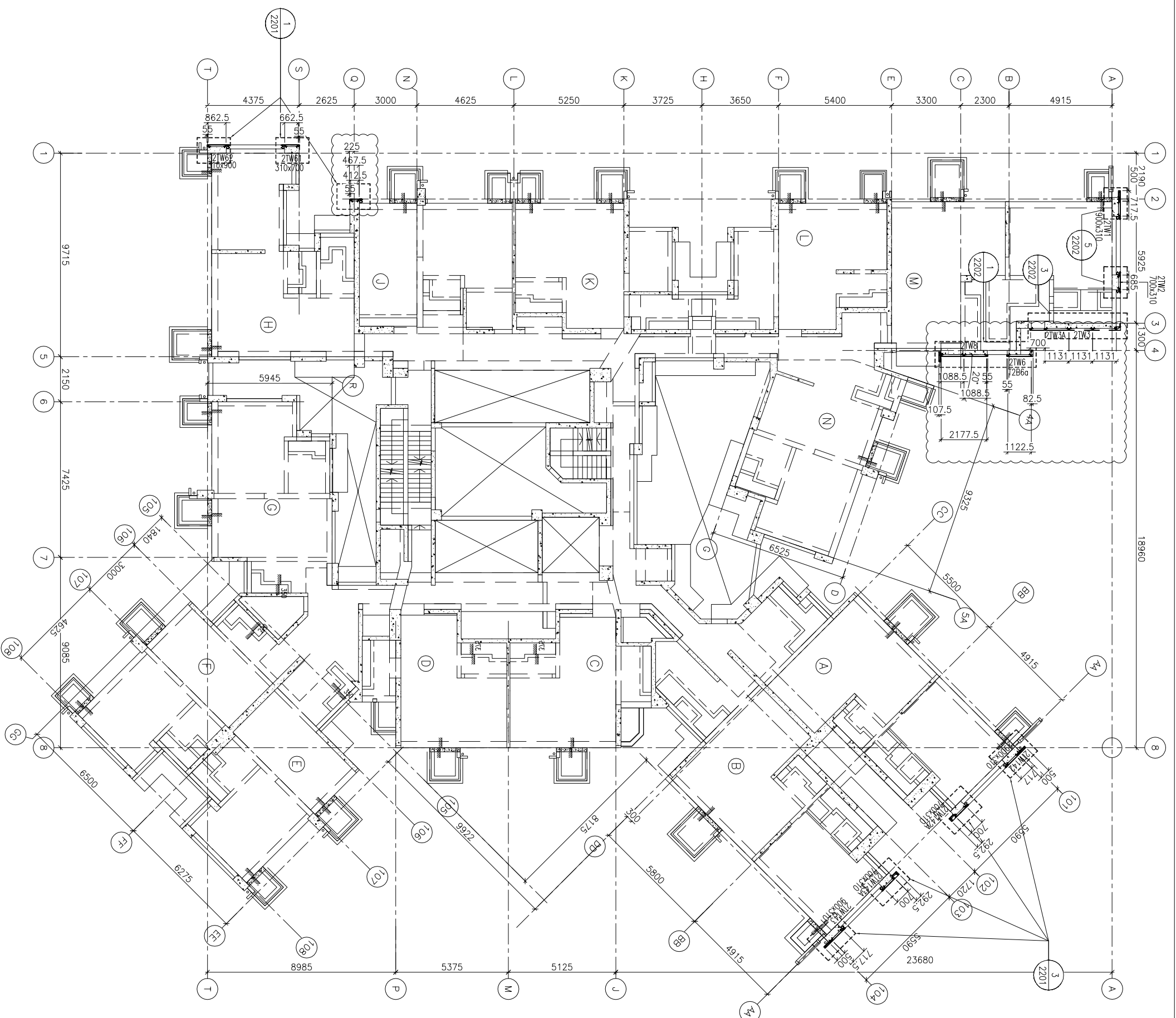
JOB NO. : J-837

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

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)2727666
DWG NO. : 1837-GC-3202
REV. : B



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

FLOOR NUMBERING	LEVEL (m/FD)
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
WTF

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

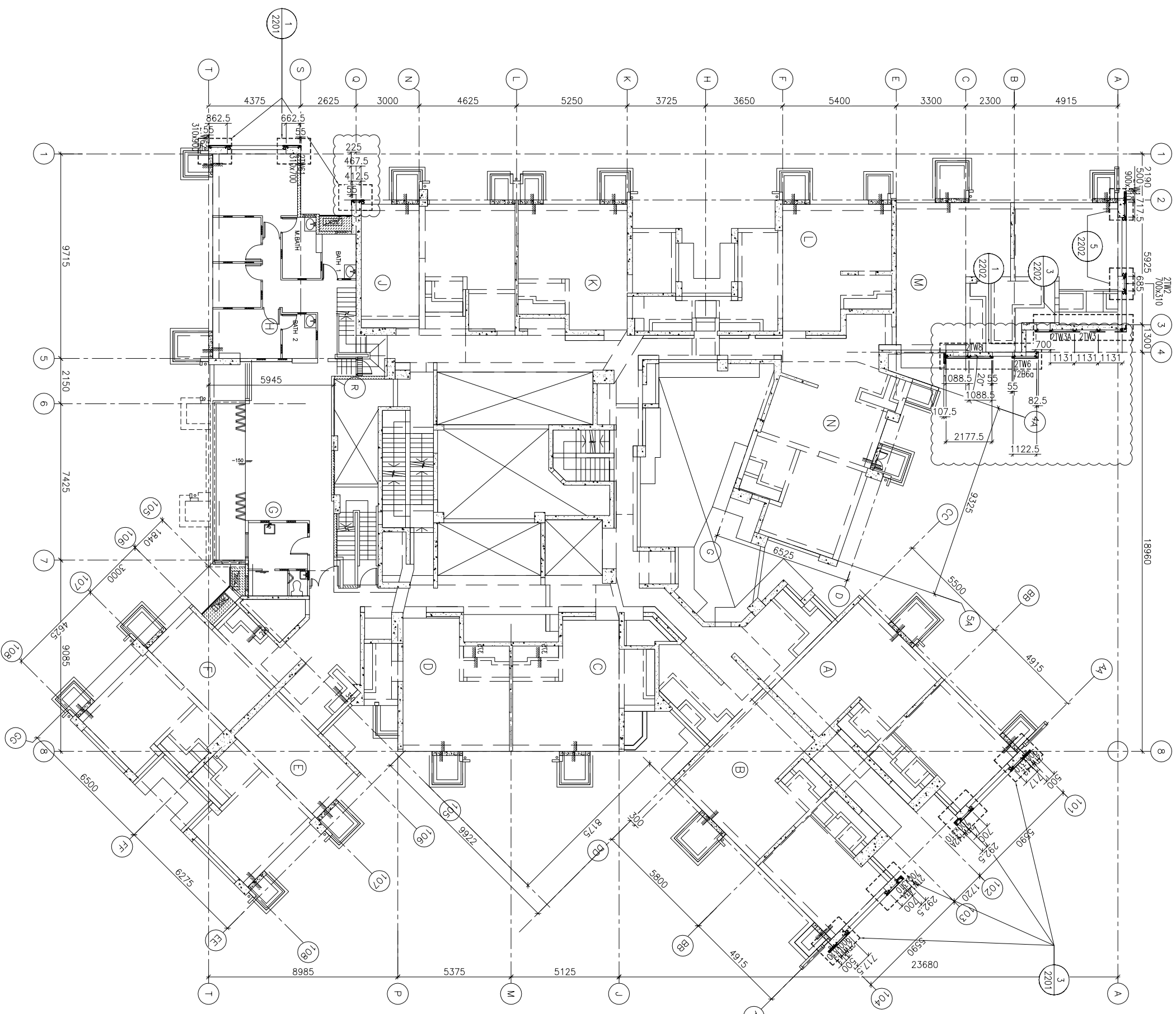
JOB NO. :	J-837		
PROJECT :	URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWILLOON		
DATE	NO.	DATE	REVISION
17/3/2019	A	17/11/2018	GENERAL REVISED
	B		GENERAL REVISED

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

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

UNITED ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27272666
DWG NO. : 1837-GC-3203
REV. : B

1
55TH FLOOR PLAN
AT TOWER 2



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

B.O. 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.

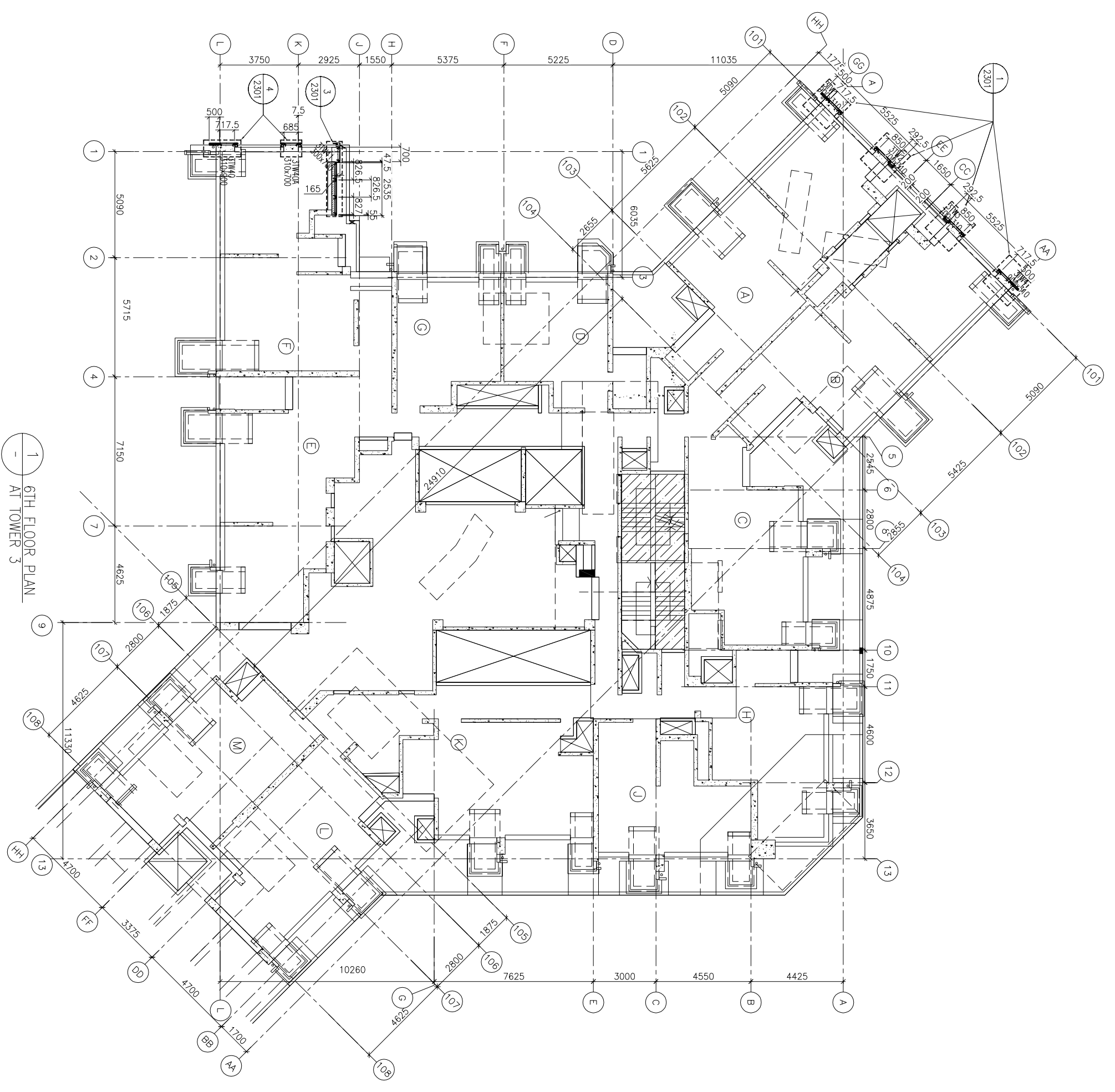
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X2001 --- REFER SHEET NO.
1. F.F.L. --- FINISHED FLOOR LEVEL
2. S.F.L. --- STRUCTURAL FLOOR LEVEL
3. (R) --- REVERSED DETAIL

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

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

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

DATE : 04-JUL-18 SCALE : 1:100 (A1)
DRAWN BY : ASING CHECKED BY : -
UNITED ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Che Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666
DWG NO. : 1837-GC-3301 REV. : A



1 6TH FLOOR PLAN
AT TOWER 3

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

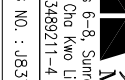
 CR Construction Company Limited

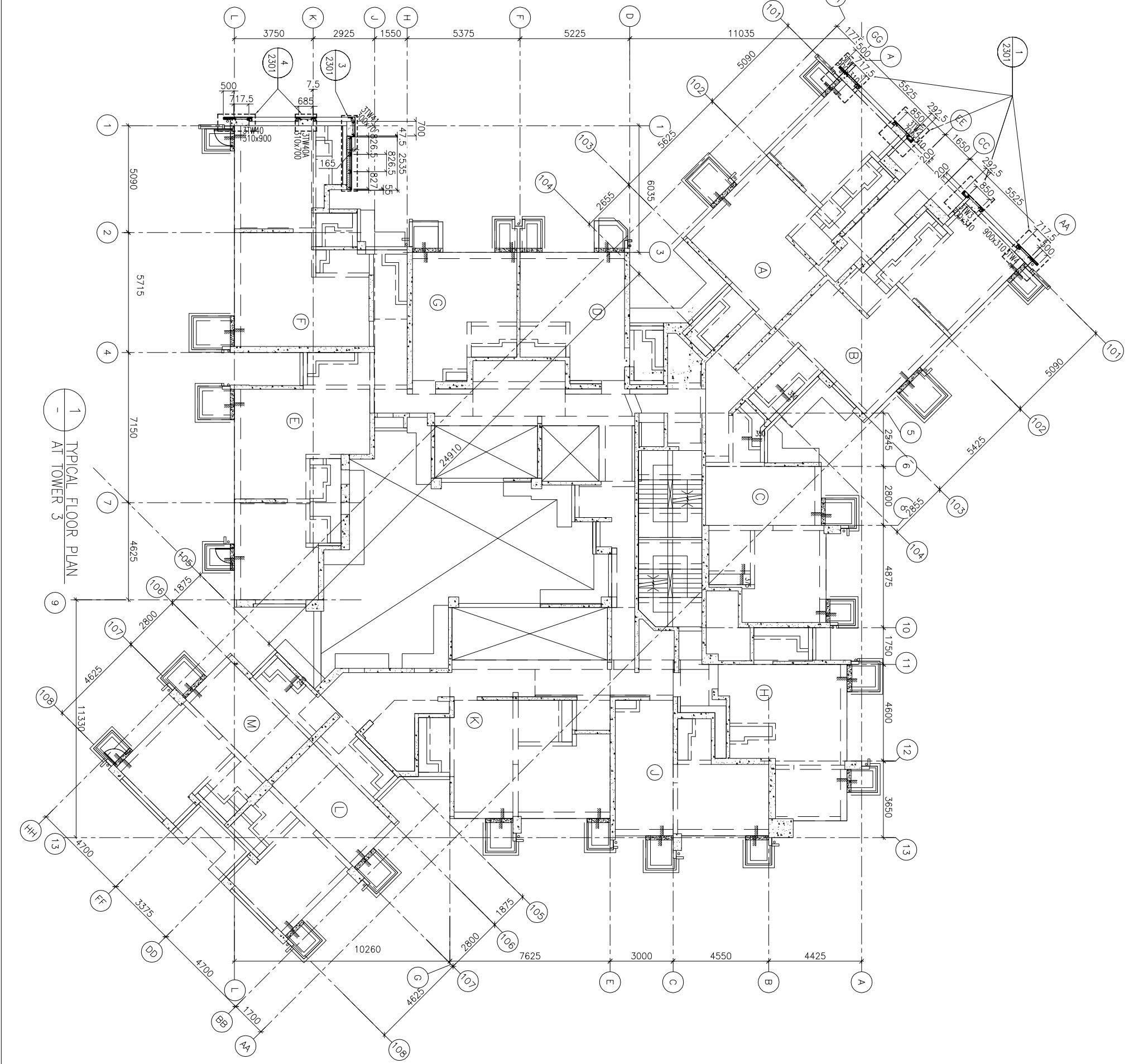
STRUCTURAL ENGINEER :

 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	GENERAL	REVISED	BY
A	17/11/2018			
JOB NO. : J-837				
PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWILON				
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. : A



1 TYPICAL FLOOR PLAN
AT TOWER 3

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 :

FAÇADE CONSULTANT:
 AECOM

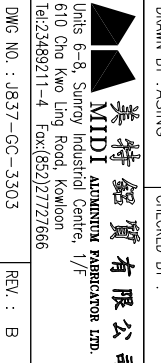
NOTE:
 1. ALL DIMENSIONS ARE IN mm.
 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

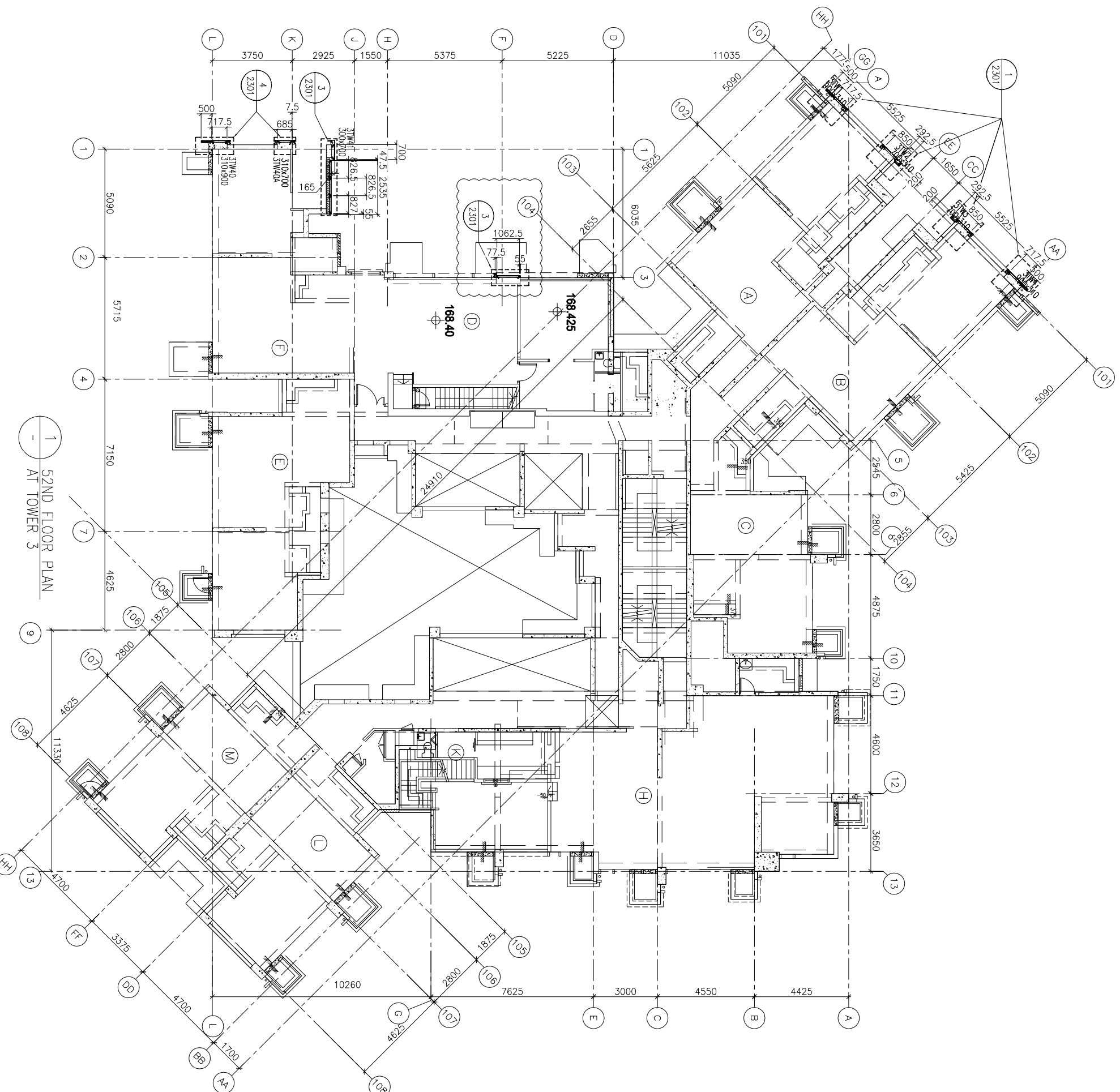
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 (X001) --- REFER SHEET NO.
 1. F.F.L. --- FINISHED FLOOR LEVEL
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 3. (R) --- REVERSED DETAIL

NO.	DATE	REVISION	BY
B	15/6/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	

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

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)2727666
 DWG NO. : J837-GC-3303 REV. : B



1 52ND FLOOR PLAN
 AT TOWER 3

FLOOR NUMBERING	LEVEL (mPD)
52F	+168.400

B.O. 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.
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3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

NO.	DATE	REVISION	BY
B	15/6/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	

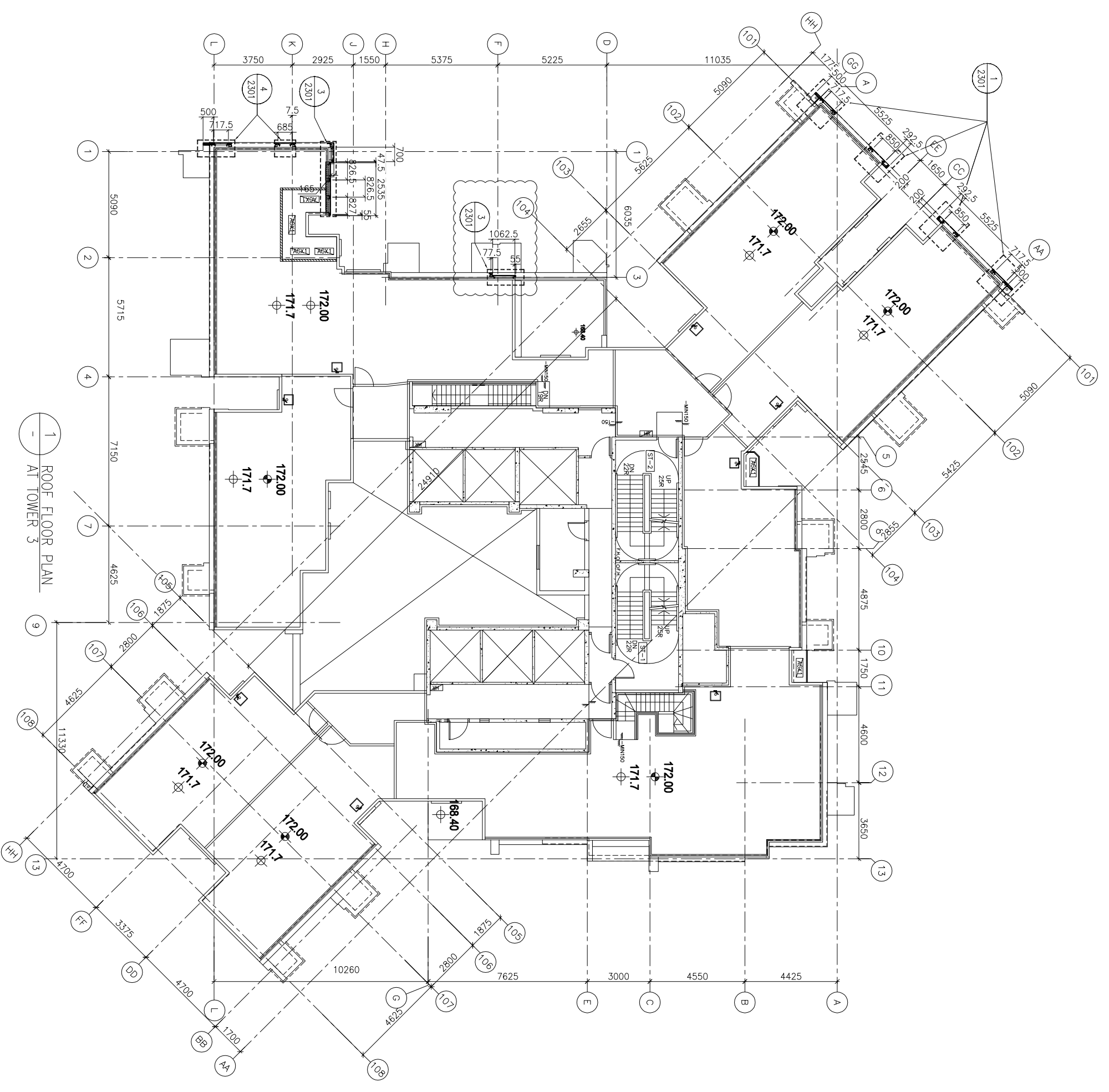
JOB NO. : J-837

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

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)2727666
DWG NO. : 1837-GC-3304
REV. : B



1 ROOF FLOOR PLAN
AT TOWER 3

FLOOR NUMBER(S)	LEVEL (mPD)
RF	+171.700

B.O. 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:
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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

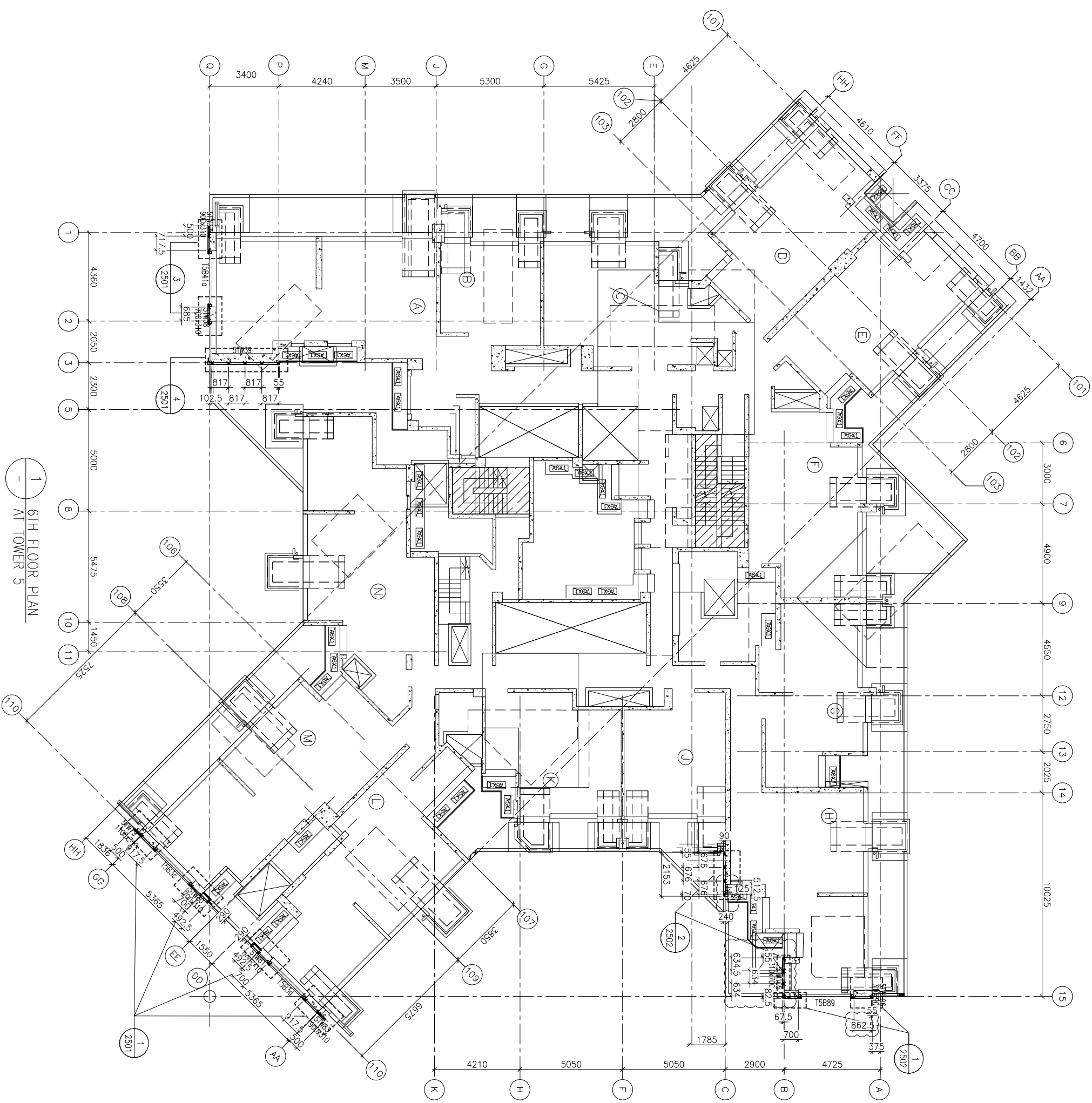
NO.	DATE	REVISION	BY
B	1/3/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	

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

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 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-3501
REV.: B



1 6TH FLOOR PLAN
- AT TOWER 5

FLOOR NUMBERING	LEVEL (mPD)
6/F	+38.900

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


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

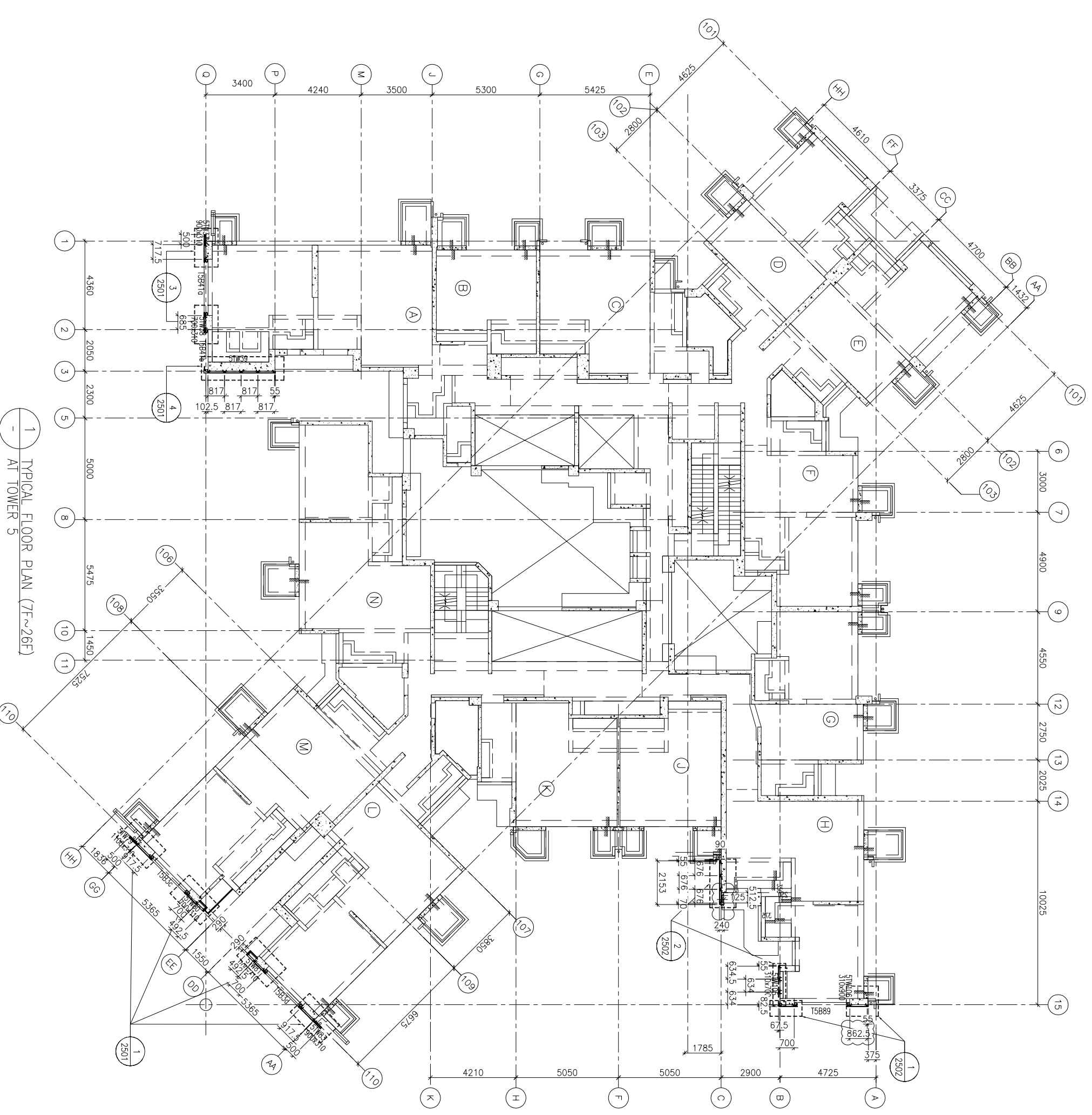
JOB NO. : J-837

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

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. : 1837-GC-3502 REV. : B



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

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

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

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 :

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.

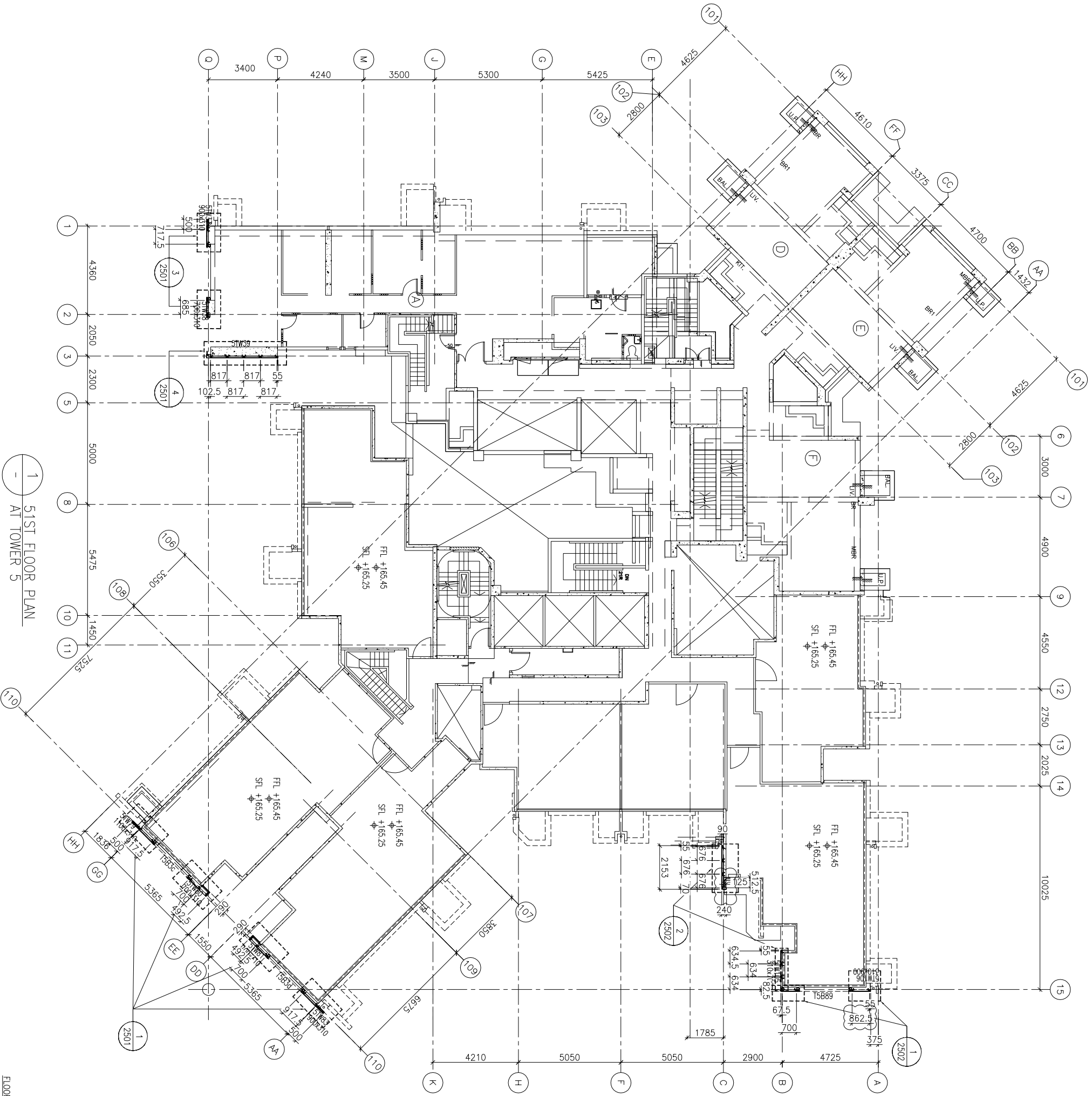
- LEGEND:
- (X1) --- DETAIL MARK NO.
 - (X001) --- REFER SHEET NO.
 - 1. F.F.L. --- FINISHED FLOOR LEVEL
 - 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 - 3. (R) --- REVERSED DETAIL

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

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

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 Che Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666
 DWG NO. : 4837-GC-3504 REV. : B



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
WTF

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :

FAÇADE CONSULTANT:
AECOM

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

LEGEND :

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

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

JOB NO. : J-837

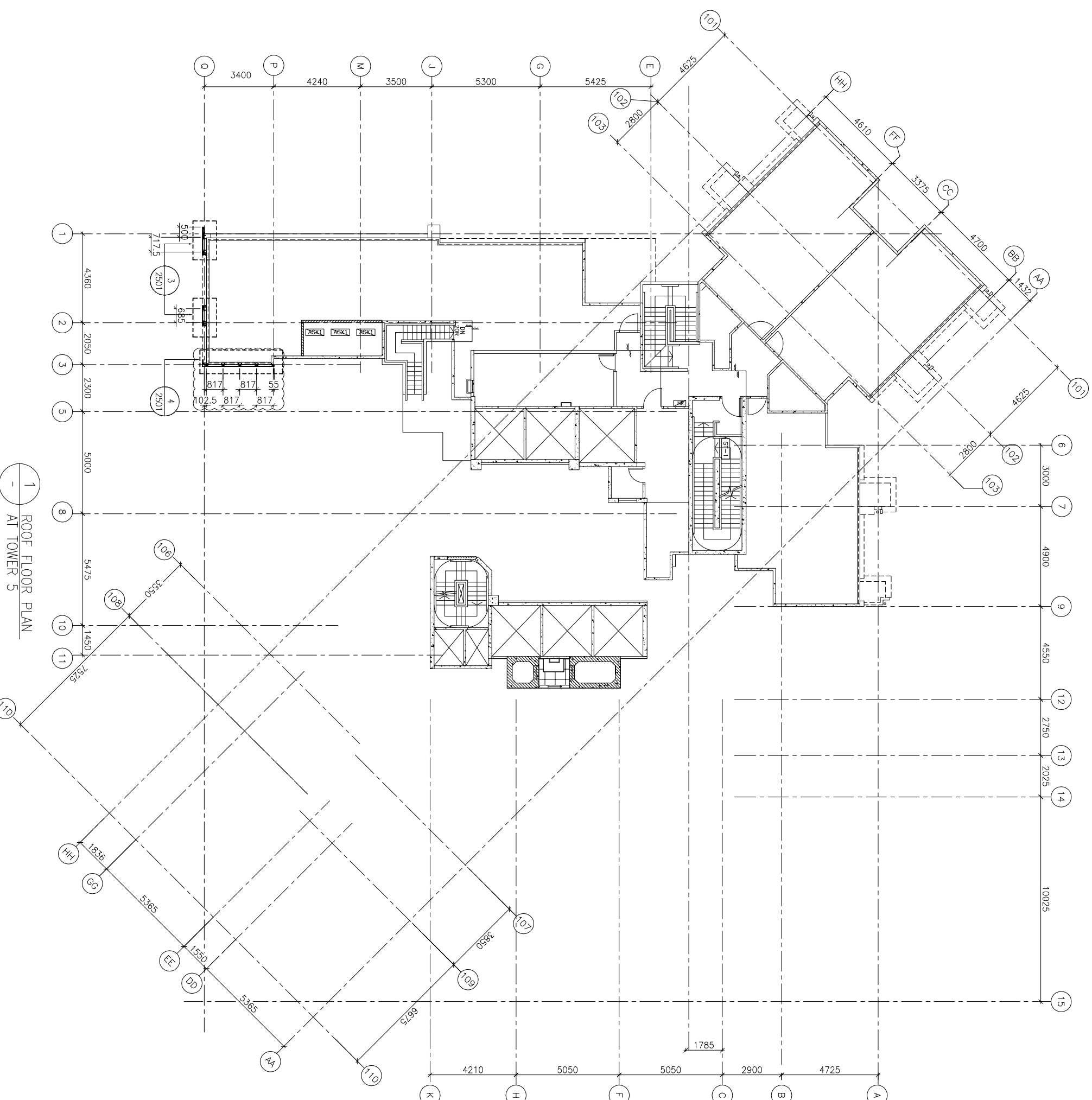
PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWILOON

TITLE :
ROOF FLOOR PLAN
OF GLASS CLADDING
AT TOWER 5

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

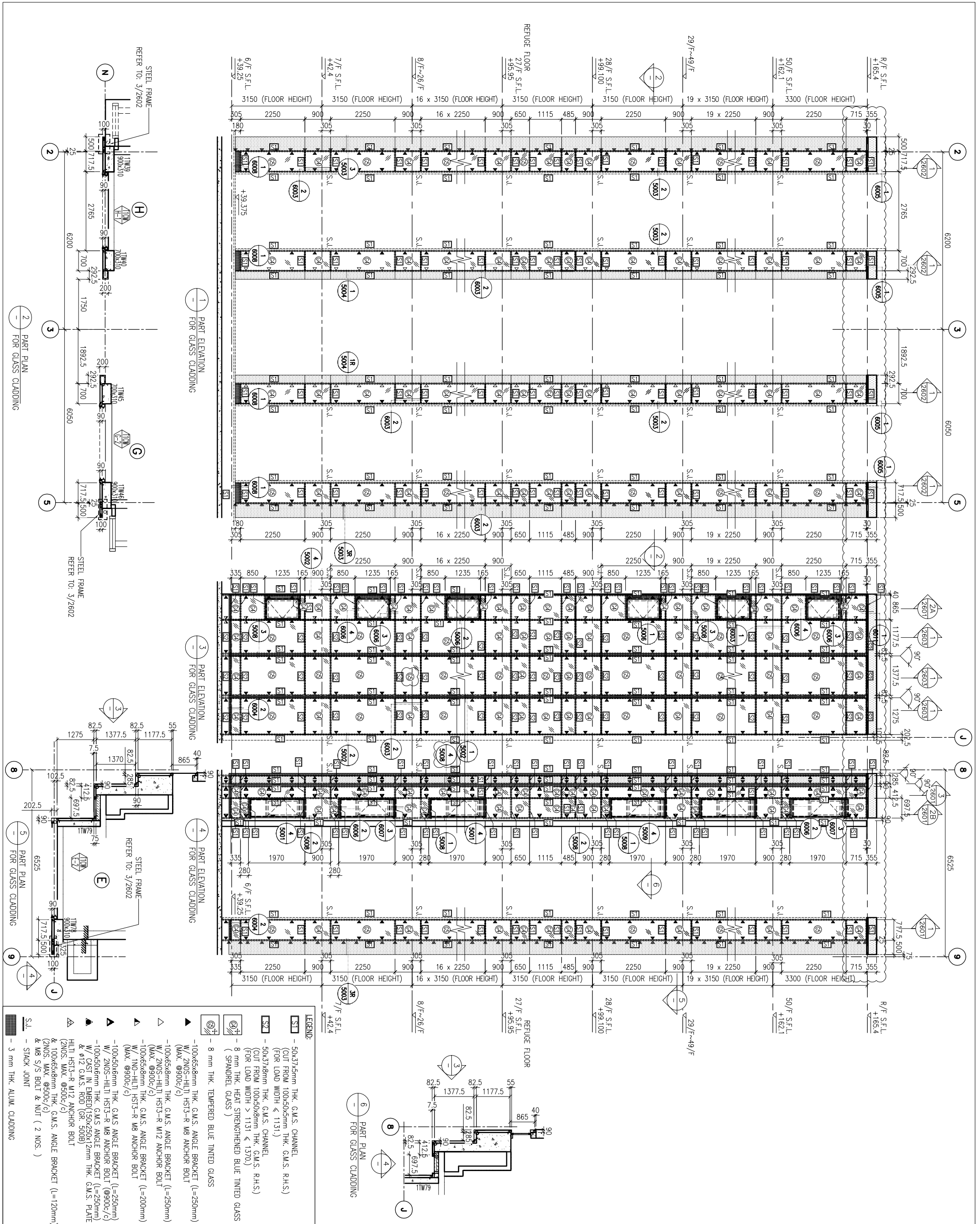
DRAWN BY : ASING CHECKED BY : -

美特铝质有限公司
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. : 1837-GC-3505 REV. : A



1 ROOF FLOOR PLAN
AT TOWER 5

FLOOR NUMBERING	LEVEL (mPD)
RF	+168.850



B.D. REF :

CLIENT :
 信和置业有限公司
 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

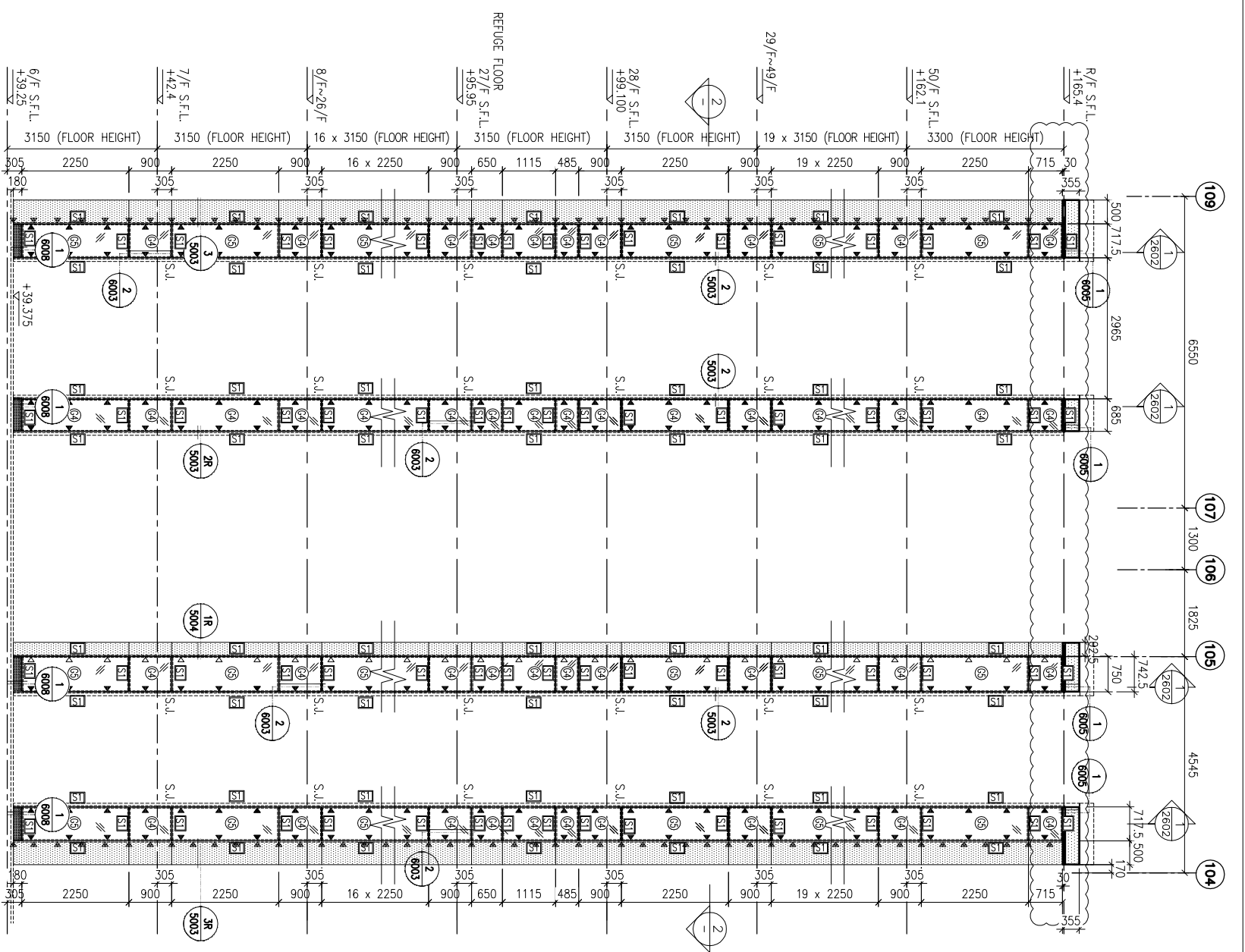
NO.	DATE	REVISION	BY
D	15/6/2019	GENERAL REVISED	
C	30/1/2019	GENERAL REVISED	
B	17/11/2018	GENERAL REVISED	
A	15/10/2018	GENERAL REVISED	

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

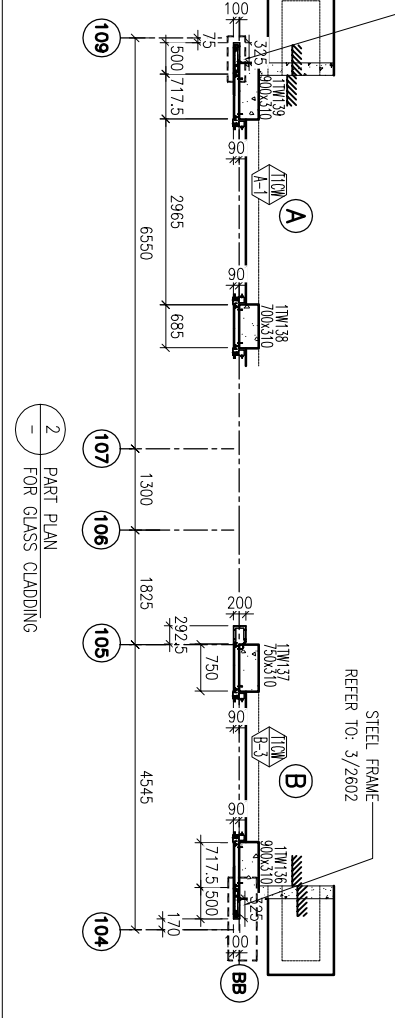
TITLE :
 PART ELEVATION
 OF GLASS CLADDING
 AT TOWER 1

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

美特铝业有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 610 Che Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)27272666
 DWG NO. : J837-GC-2101
 REV. : D

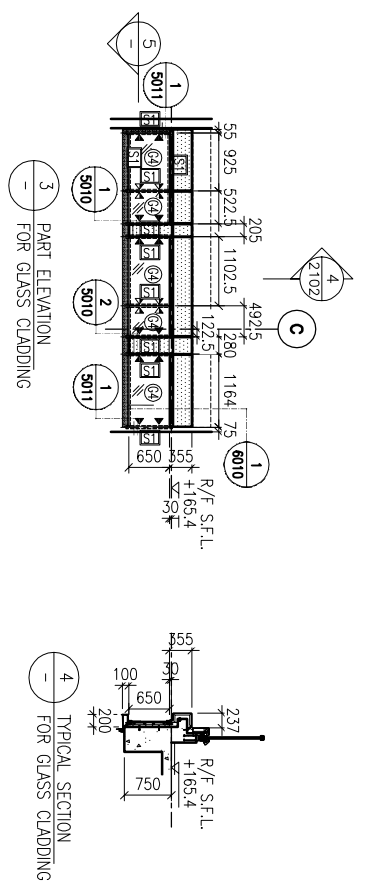


1 PART ELEVATION FOR GLASS CLADDING



1 PART ELEVATION FOR GLASS CLADDING

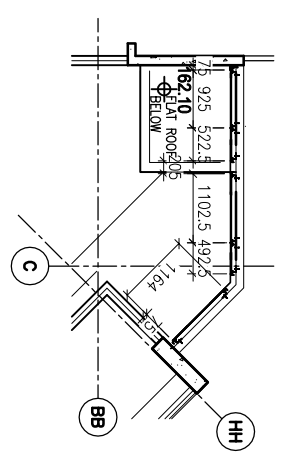
2 PART PLAN FOR GLASS CLADDING



3 PART ELEVATION FOR GLASS CLADDING

4 TYPICAL SECTION FOR GLASS CLADDING

5 PART PLAN FOR GLASS CLADDING



LEGEND:

- ST - 50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
- ② - 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
- ③ - 8 mm THK. TEMPERED BLUE TINTED GLASS
- ④ - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @9000/c)
- ⑤ - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M12 ANCHOR BOLT (MAX. @9000/c)
- ⑥ - HILTI HST3-R M12 ANCHOR BOLT (2NOS. MAX. @5000/c)
- ⑦ - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=120mm) & 2NOS. MAX. @5000/c
- ⑧ - W8 S/S BOLT & NUT (2 NOS.)
- S.L. - STACK JOINT
- 3 mm THK. ALUM. CLADDING

NOTE:

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

LEGEND:

- X1 - 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

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 : -
<p>MIDT ALUMINIUM FABRICATOR LTD. Units 6-8, Sunny Industrial Centre, 1/F 610 Cha Kwo Ling Road, Kowloon Tel:23489211-4 Fax:(852)2727666</p>	
DWG NO. : J837-GC-2102	REV. : D

B.O. REF. :

CLIENT : 信和置业有限公司
Sino Land Company Limited


ARCHITECT : WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR : CR Construction Company Limited

STRUCTURAL ENGINEER : AECOM


FAÇADE CONSULTANT : AECOM


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

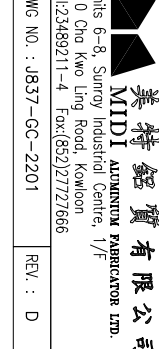
STRUCTURAL ENGINEER :
 AECOM

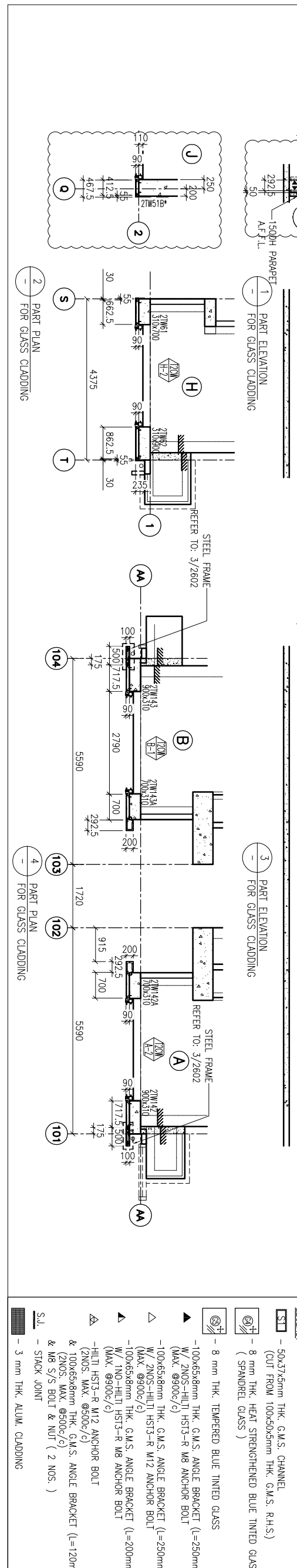
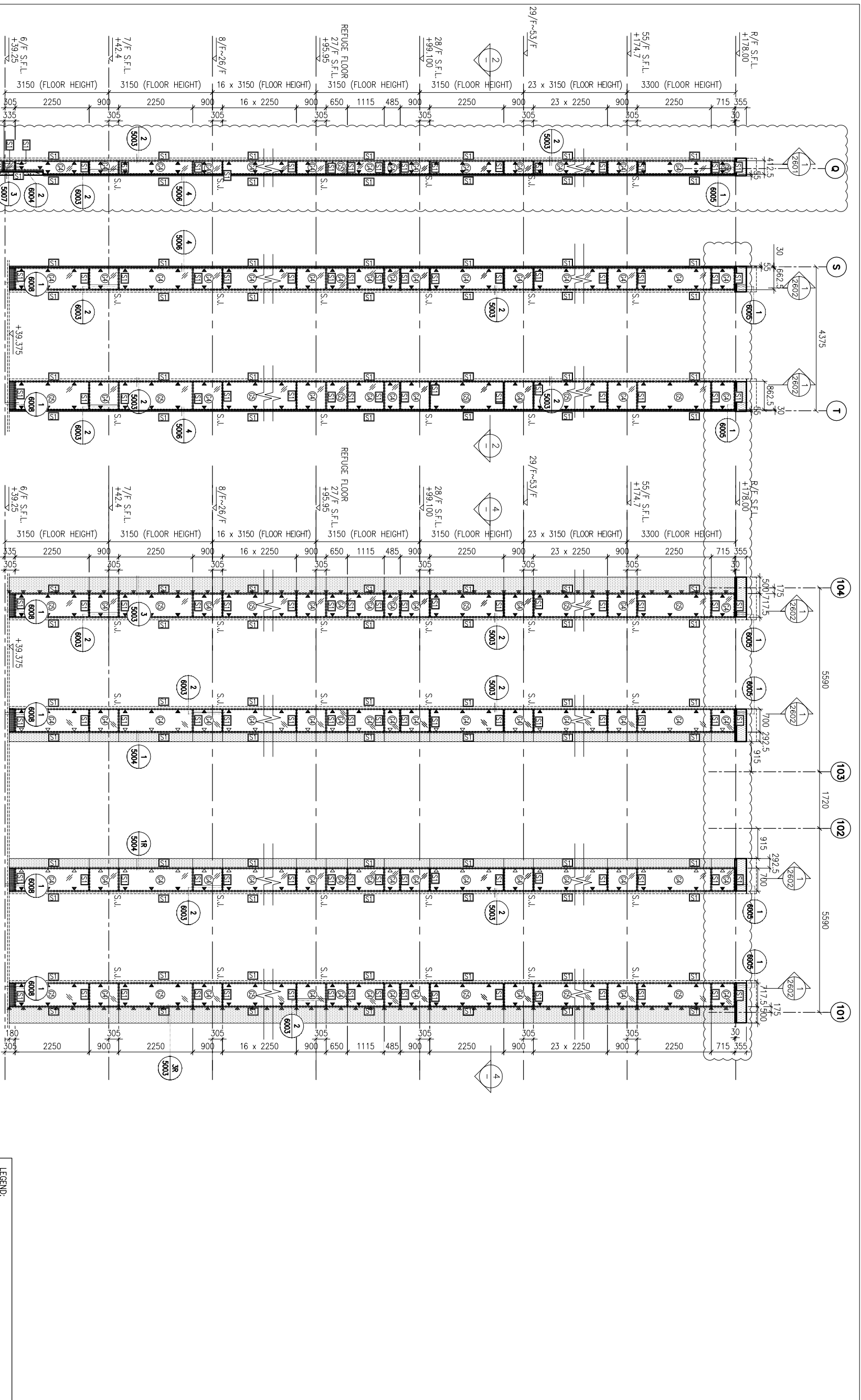
FAÇADE CONSULTANT:
 AECOM

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	REVISION	BY
D	15/6/2019	GENERAL REVISED	
C	30/1/2019	GENERAL REVISED	
B	17/11/2018	GENERAL REVISED	
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)2727666
 DWG NO. : 1837-GC-2201 REV. : D





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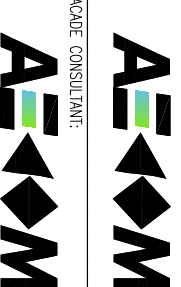
- (ST) - 50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
- (R) - 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
- (S) - 8 mm THK. TEMPERED BLUE TINTED GLASS
- (S1) - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS.-HILTI HST3-R M8 ANCHOR BOLT (MAX. @9000/c)
- (S2) - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS.-HILTI HST3-R M12 ANCHOR BOLT (MAX. @9000/c)
- (S3) - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO.-HILTI HST3-R M8 ANCHOR BOLT (MAX. @9000/c)
- (S4) - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1NO.-HILTI HST3-R M12 ANCHOR BOLT (2NOS. MAX. @5000/c)
- (S5) - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=120mm) & 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=120mm) W/ 2NOS. MAX. @5000/c & M8 S/S BOLT & NUT (2 NOS.)
- (S6) - STACK JOINT
- (S7) - 3 mm THK. ALUM. CLADDING

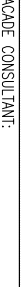
B.O. REF :

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

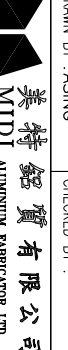
STRUCTURAL ENGINEER :
 AECOM

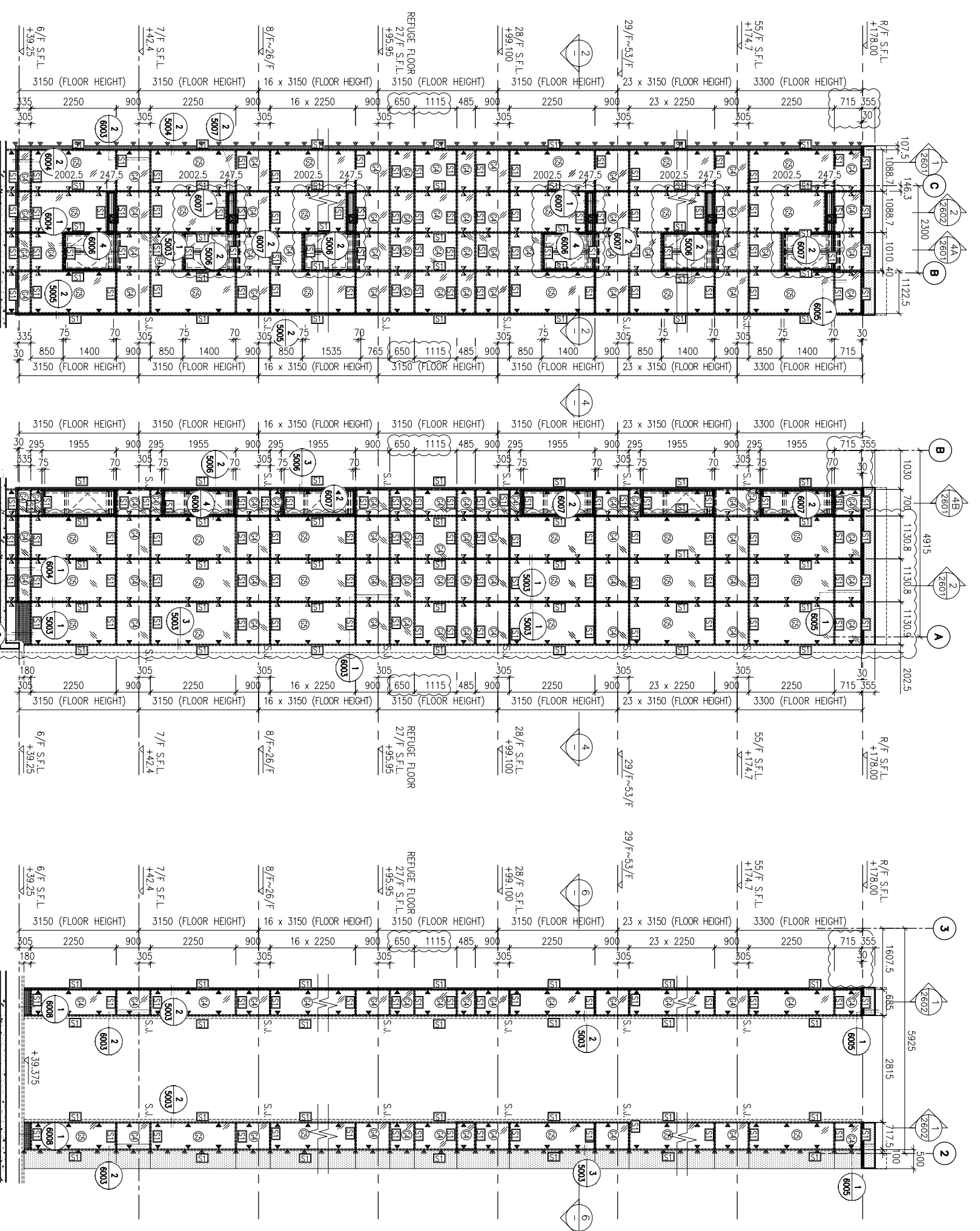
FAÇADE CONSULTANT:
 AECOM

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.
 (X00) --- REFER SHEET NO.
 1. F.F.L. --- FINISHED FLOOR LEVEL
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 3. (R) --- REVERSED DETAIL

NO.	DATE	REVISION	BY
D	15/6/2019	GENERAL REVISED	
C	30/1/2019	GENERAL REVISED	
B	17/11/2018	GENERAL REVISED	
A	15/10/2018	GENERAL REVISED	

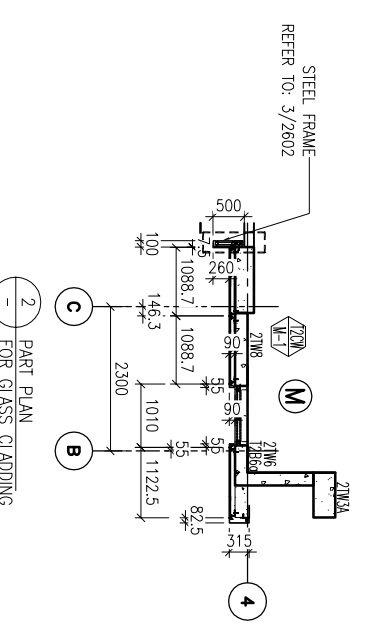
JOB NO. : J-837
 PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON
 TITLE : PART ELEVATION OF GLASS CLADDING AT TOWER 2
 DATE : 04-JUL-18 SCALE : 1:60 (A1)
 DRAWN BY : ASING CHECKED BY : -
 美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunny Industrial Centre, 1/F
 610 Che Kwong Road, Kowloon
 Tel:23489211-4 Fax:(852)27272666
 DWG NO. : 1837-GC-2202 REV. : D



1 PART ELEVATION FOR GLASS CLADDING

3 PART ELEVATION FOR GLASS CLADDING

5 PART ELEVATION FOR GLASS CLADDING










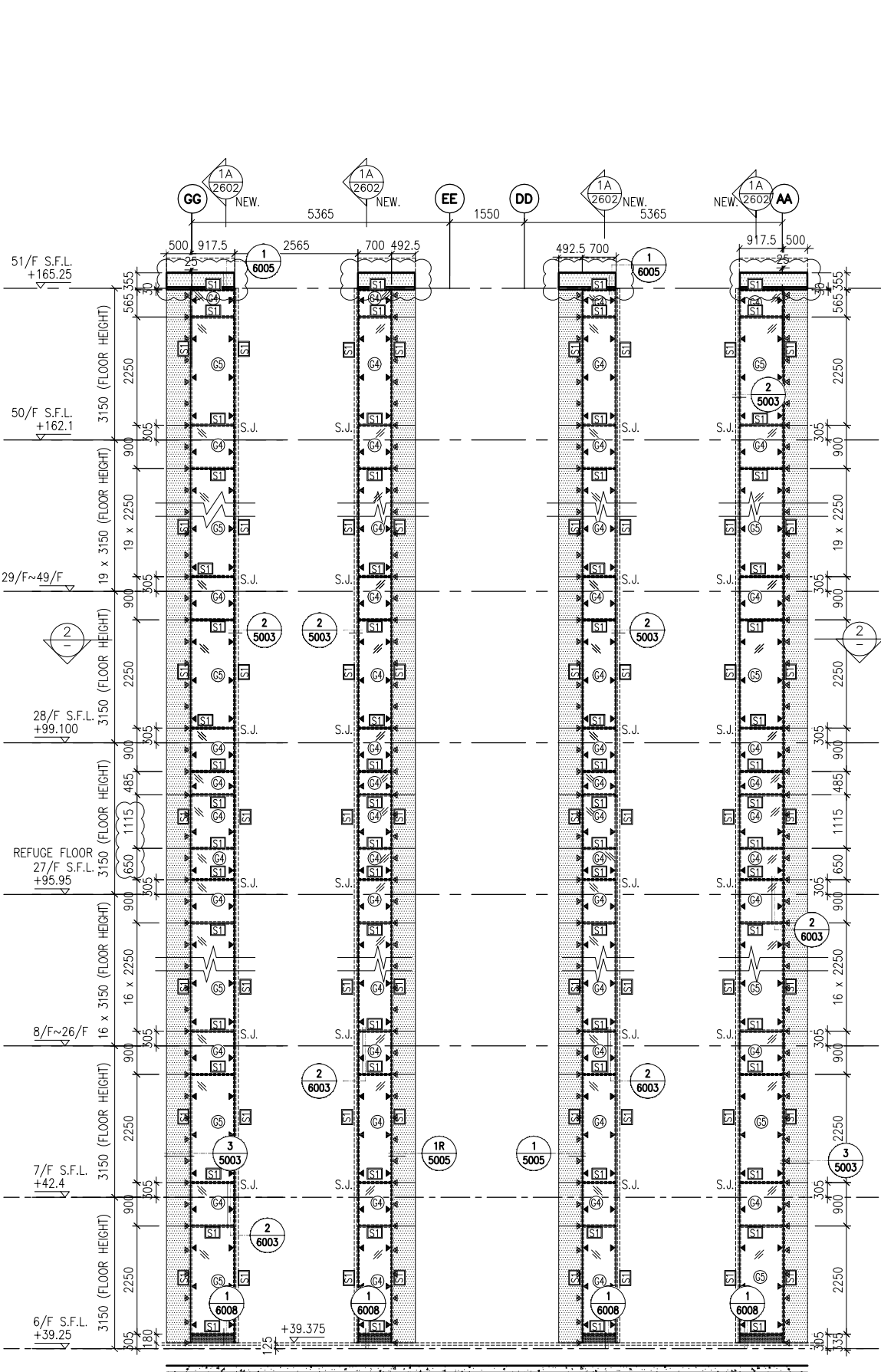
2 PART PLAN FOR GLASS CLADDING

4 PART PLAN FOR GLASS CLADDING

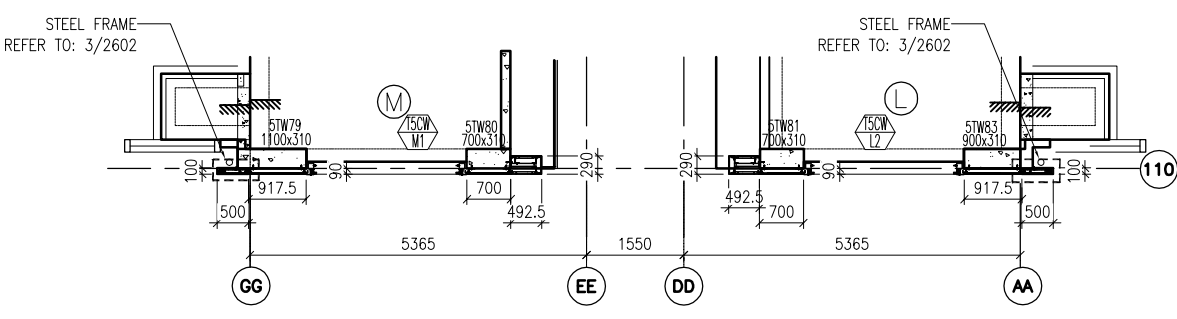
6 PART PLAN FOR GLASS CLADDING

LEGEND:

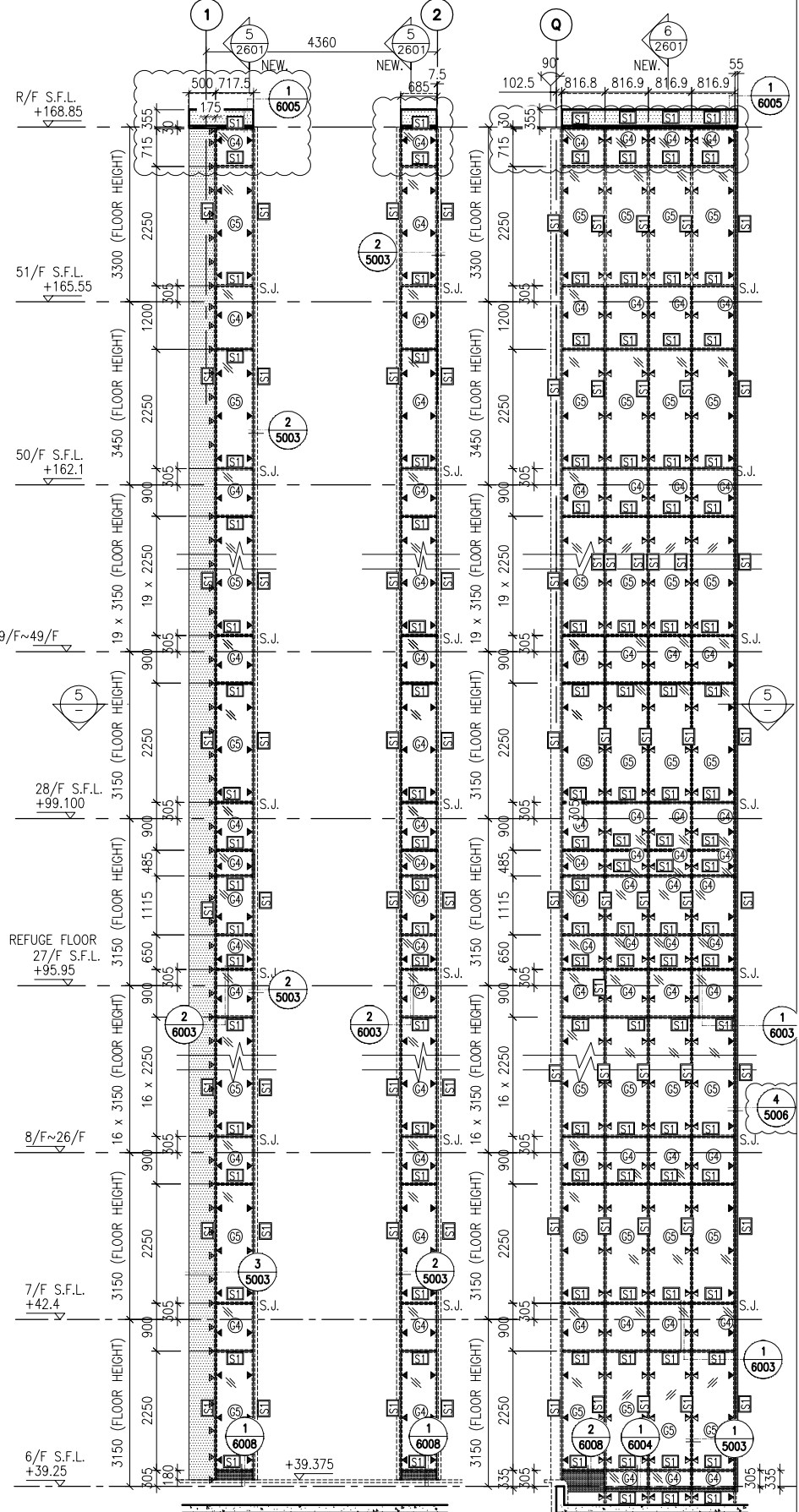
-  - 50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
-  - 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
-  - 8 mm THK. TEMPERED BLUE TINTED GLASS
-  - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2NOS-HILTI HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
-  - 100x65x8mm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



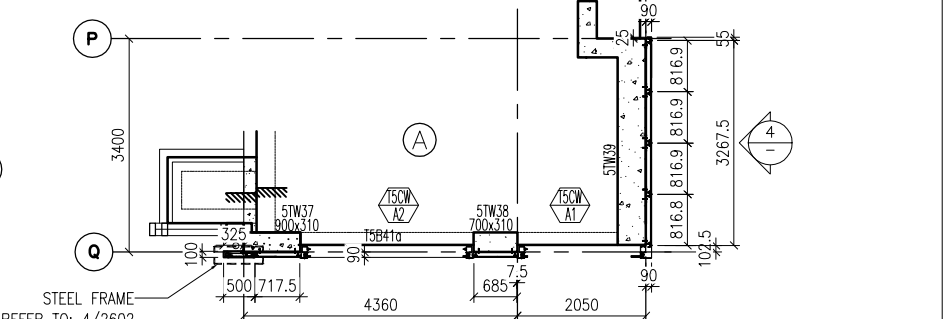
1 PART ELEVATION FOR GLASS CLADDING



2 PART PLAN FOR GLASS CLADDING



3 PART ELEVATION FOR GLASS CLADDING



4 PART PLAN FOR GLASS CLADDING

<p>CLIENT: 信和置業有限公司 Sino Land Company Limited</p>	<p>ARCHITECT: WONG TUNG & PARTNERS LIMITED ARCHITECTS & PLANNERS</p>	<p>MAIN CONTRACTOR: CR Construction Company Limited</p>	<p>STRUCTURAL ENGINEER: AEI DOM</p>	<p>FAÇADE CONSULTANT: AEI DOM</p>	<p>NOTE: 1. ALL DIMENSIONS ARE IN mm. 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE. 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.</p>	<p>LEGEND: X1 --- DETAIL MARK NO. X001 --- REFER SHEET NO.</p>	<p>REVISION: NO. DATE REVISION BY</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>D</td> <td>15/6/2019</td> <td>GENERAL REVISED</td> </tr> <tr> <td>C</td> <td>30/1/2019</td> <td>GENERAL REVISED</td> </tr> <tr> <td>B</td> <td>17/11/2018</td> <td>GENERAL REVISED</td> </tr> <tr> <td>A</td> <td>15/10/2018</td> <td>GENERAL REVISED</td> </tr> </table>	D	15/6/2019	GENERAL REVISED	C	30/1/2019	GENERAL REVISED	B	17/11/2018	GENERAL REVISED	A	15/10/2018	GENERAL REVISED	<p>JOB NO.: J-837</p> <p>PROJECT: URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWILON</p> <p>TITLE: PART ELEVATION OF GLASS CLADDING AT TOWER 5</p> <p>DATE: 04-JUL-18 SCALE: 1:60 (A1)</p> <p>DRAWN BY: ASING CHECKED BY: -</p>	<p>UNIT: 美特鋁質有限公司 MIDI ALUMINIUM FABRICATOR LTD. 610 Cha Kwong Road, Kowloon Tel: 23489211-4 Fax: (852) 27272666 DWG NO.: 1837-GC-2501</p>
D	15/6/2019	GENERAL REVISED																			
C	30/1/2019	GENERAL REVISED																			
B	17/11/2018	GENERAL REVISED																			
A	15/10/2018	GENERAL REVISED																			

B.O. REF :

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

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS
WTF

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.

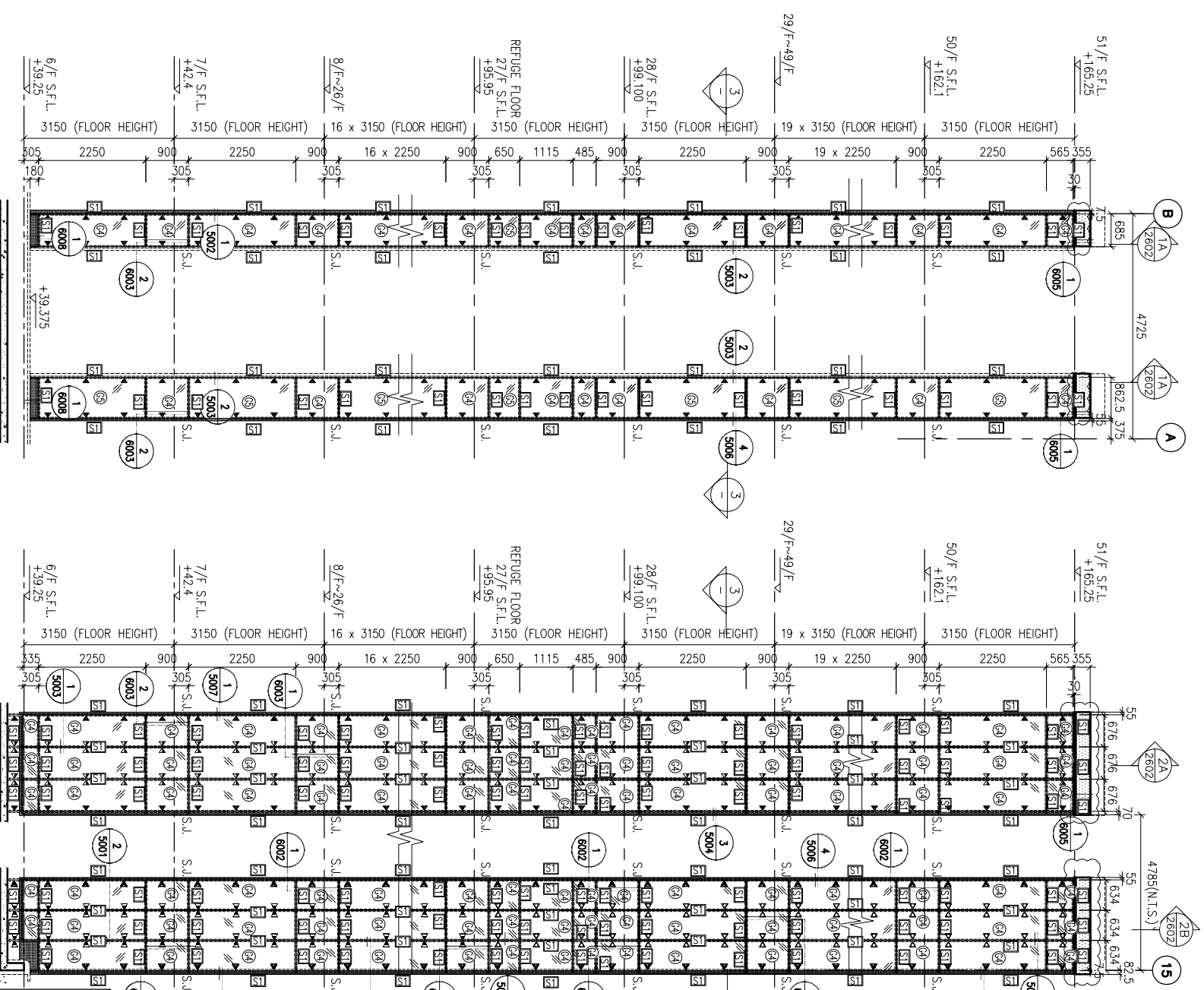
LEGEND :
X1 --- DETAIL MARK NO.
X001 --- REFER SHEET NO.
1. F.F.L. --- FINISHED FLOOR LEVEL
2. S.F.L. --- STRUCTURAL FLOOR LEVEL
3. (R) --- REVERSED DETAIL

NO.	DATE	REVISION	BY
D	24/4/2019	GENERAL REVISED	
C	30/1/2019	GENERAL REVISED	
B	17/11/2018	GENERAL REVISED	
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, KWILON
TITLE : PART ELEVATION OF GLASS CLADDING AT TOWER 5

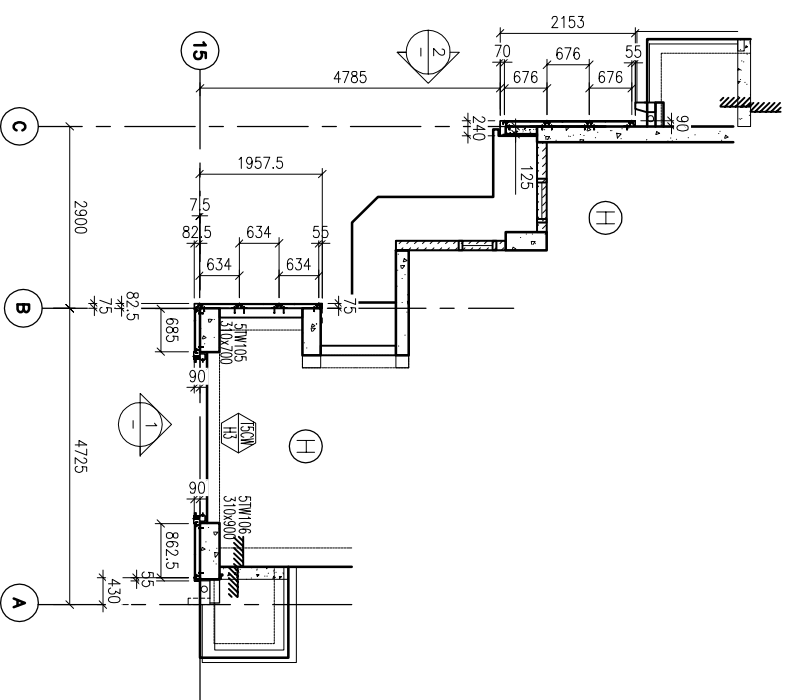
DATE : 04-JUL-18 SCALE : 1:60 (A1)
DRAWN BY : ASING CHECKED BY : -

美特铝业有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunny Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27272666
DWG NO. : J837-GC-2502 REV. : D



1 PART ELEVATION FOR GLASS CLADDING

2 PART PLAN FOR GLASS CLADDING




3 PART PLAN FOR GLASS CLADDING

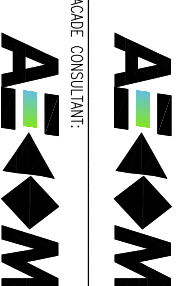
LEGEND:

- SI --- 50x37x5mm THK. G.M.S. CHANNEL (OUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
- ⑤ --- 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDEL GLASS)
- ⑥ --- 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑦ --- 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm)
- ⑧ --- 2N05-HLTH HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
- ⑨ --- 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=200mm) (MAX. @900c/c)
- ⑩ --- W/ 1NO-HLTH HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
- ⑪ --- 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=250mm)
- ⑫ --- W/ 2N05-HLTH HST3-R M8 ANCHOR BOLT (L=200mm) (MAX. @900c/c)
- ⑬ --- 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm)
- ⑭ --- W/ 1NO-HLTH HST3-R M8 ANCHOR BOLT (L=200mm) (MAX. @900c/c)
- ⑮ --- 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm)
- ⑯ --- W/ CAST IN EMBEDD(300x250x12mm THK. G.M.S. PLATE & 12 G.M.S. ROD (GR. 500B))
- ⑰ --- HLTH HST3-R M12 ANCHOR BOLT (2N05. MAX. @500c/c)
- ⑱ --- W/ 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=120mm) & 2N05. MAX. @500c/c)
- ⑲ --- HLTH HST3-R M12 ANCHOR BOLT (2 NOS.)
- ⑳ --- W/ S/S BOLT & NUT (2 NOS.)
- ㉑ --- STACK JOINT
- ㉒ --- 3 mm THK. ALUM. CLADDING

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

ARCHITECT :
 WONG TUNG & PARTNERS LIMITED
 ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AEDOM
 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	REVISION	BY
C	15/6/2019	GENERAL REVISED	
B	30/1/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	

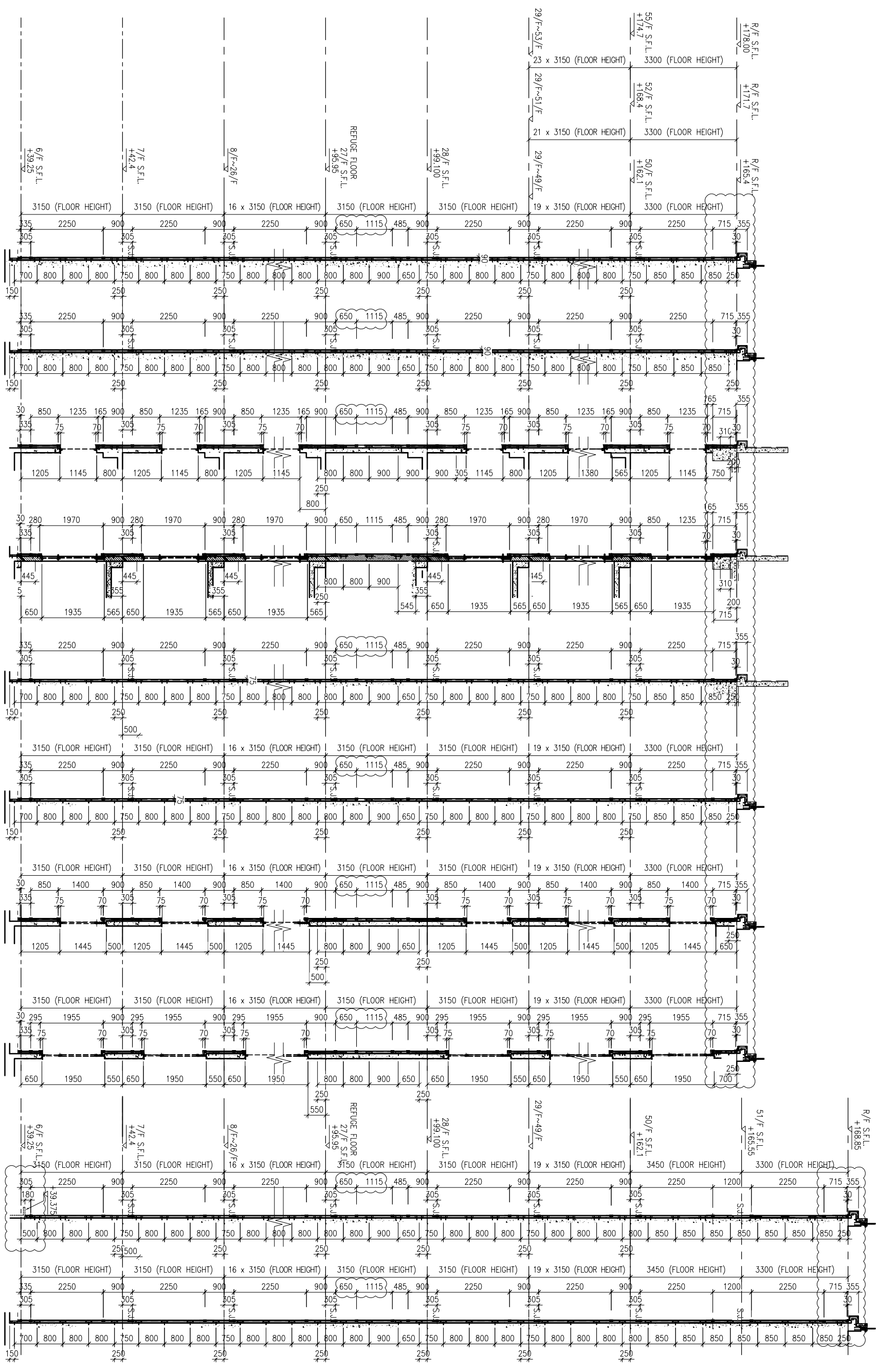
JOB NO. : J-837

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

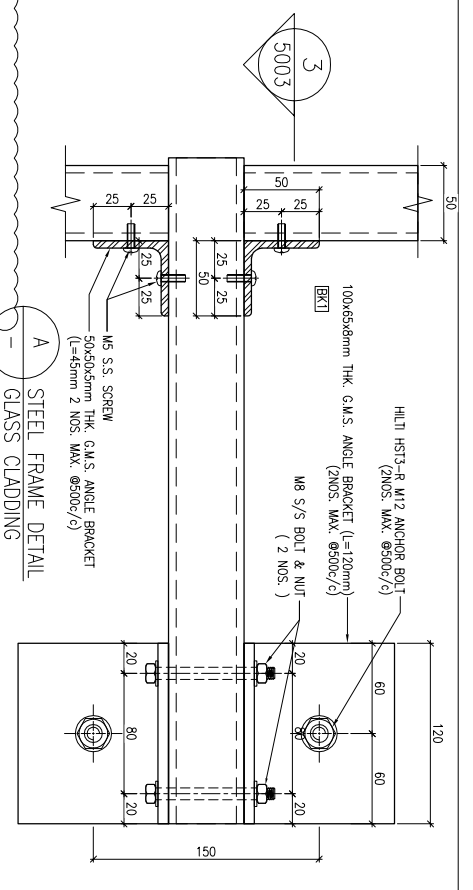
TITLE :
 TYPICAL SECTION
 OF GLASS CLADDING

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

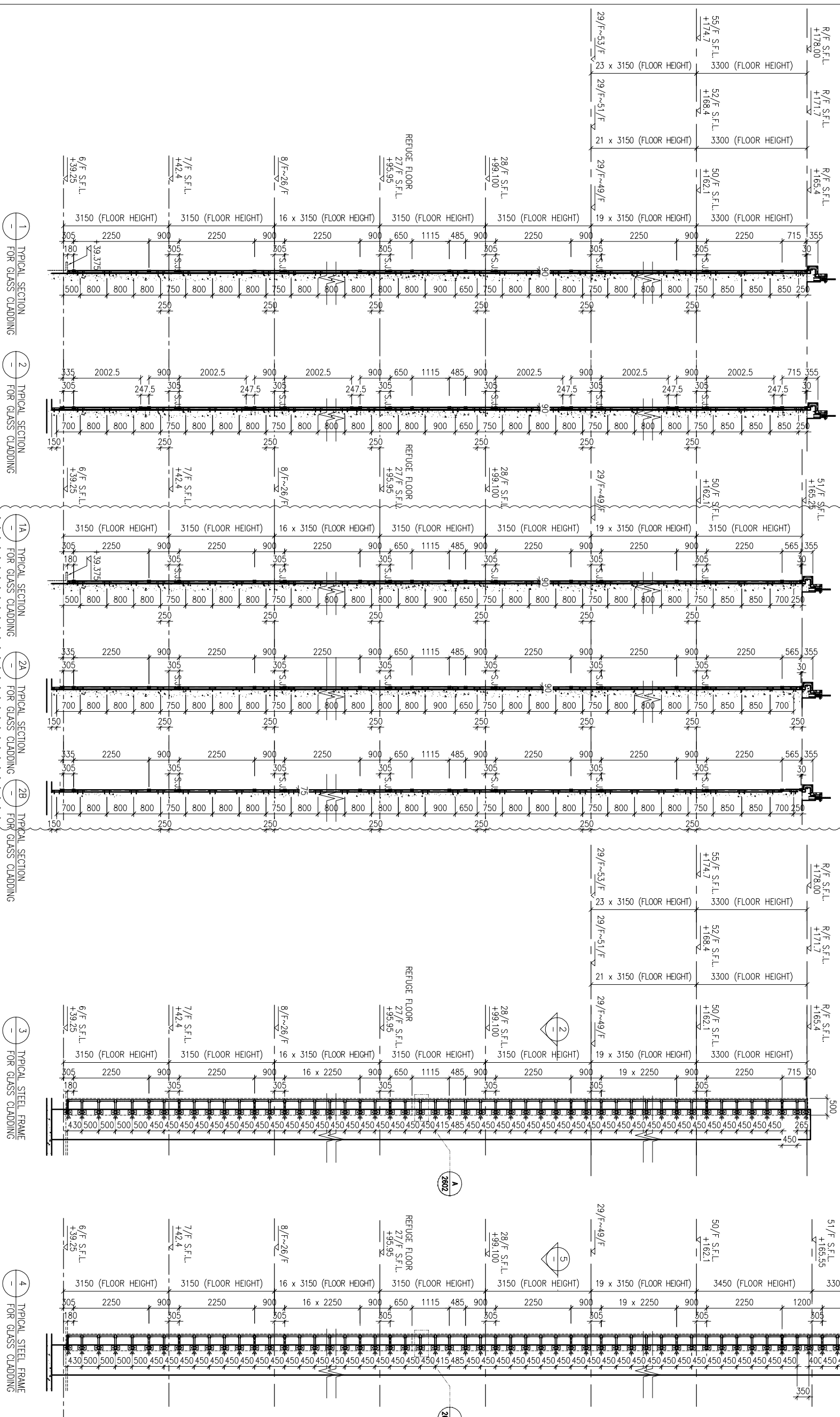
UNIT 6-8, SUNNY INDUSTRIAL CENTRE, 1/F
 610 Chee Kwong Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27276666
 DWG NO. : J837-GC-2601
 REV. : C



1 TYPICAL SECTION FOR GLASS CLADDING
 2 TYPICAL SECTION FOR GLASS CLADDING
 2A TYPICAL SECTION FOR GLASS CLADDING
 2B TYPICAL SECTION FOR GLASS CLADDING
 3 TYPICAL SECTION FOR GLASS CLADDING
 4 TYPICAL SECTION FOR GLASS CLADDING
 4A AT TOWER 2,3 TYPICAL SECTION FOR GLASS CLADDING
 4B AT TOWER 2,3 TYPICAL SECTION FOR GLASS CLADDING
 5 TYPICAL SECTION FOR GLASS CLADDING
 6 TYPICAL SECTION FOR GLASS CLADDING



LEGEND:
 HITI HST3-R M12 ANCHOR BOLT
 (2 NOS. MAX. @500c/c)
 & 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=120mm)
 (2 NOS. MAX. @500c/c)
 & M8 S/S BOLT & NUT
 (2 NOS.)



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


JOB NO. : J-837	
PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWILON	
TITLE : TYPICAL SECTION OF GLASS CLADDING	
DATE : 04-JUL-18	SCALE : 1:60 (A1)
DRAWN BY : ASING	CHECKED BY : -
15/6/2019 GENERAL REVISED NO. DATE REVISION BY	
15/6/2019 GENERAL REVISED NO. DATE REVISION BY	

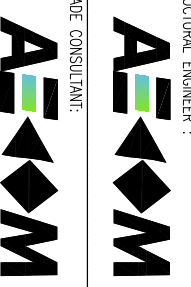
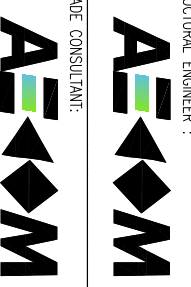
美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunny Industrial Centre, 1/F
 610 Che Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27272666
 DWG NO. : 1837-GC-2602 REV. : A

B.D. REF :



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

ARCHITECT :
 WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AEEDOM
FAÇADE CONSULTANT:
 AEEDOM

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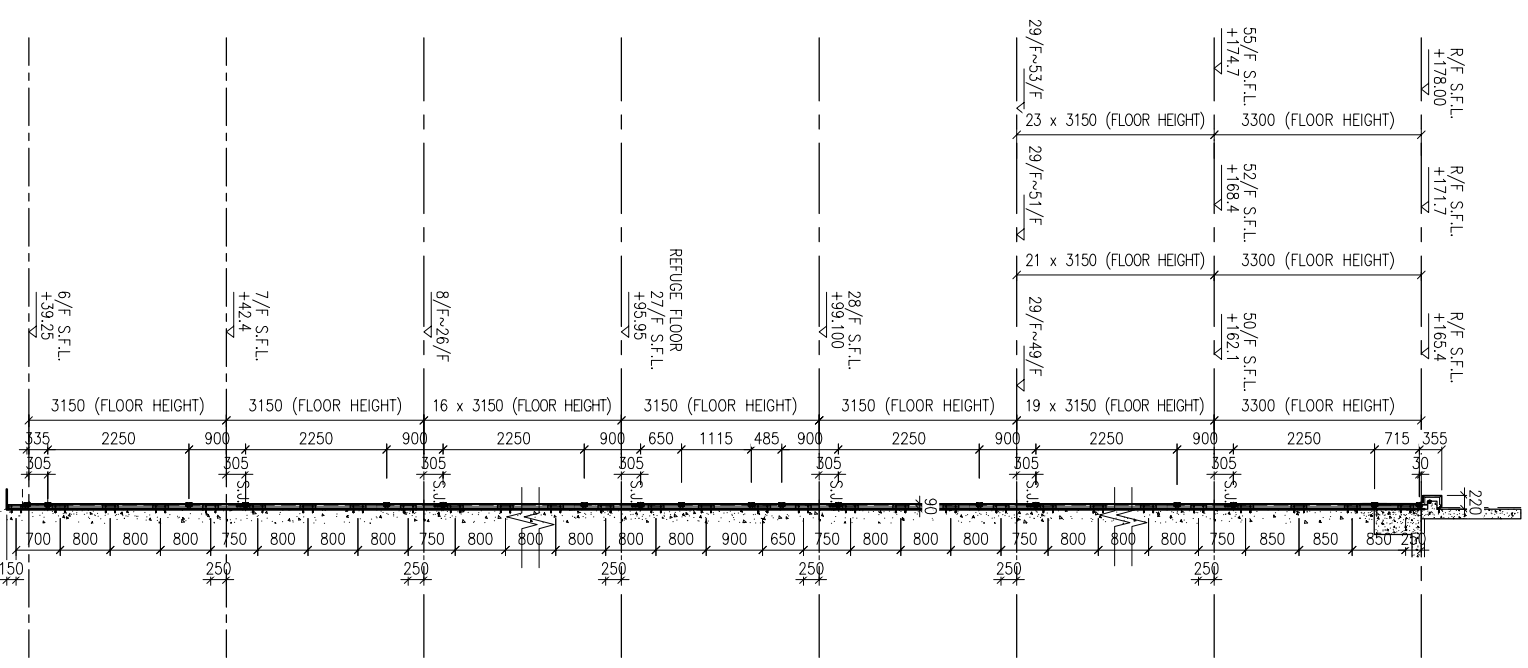
JOB NO. : J-837
PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWILON

TITLE :
TYPICAL SECTION
OF GLASS CLADDING

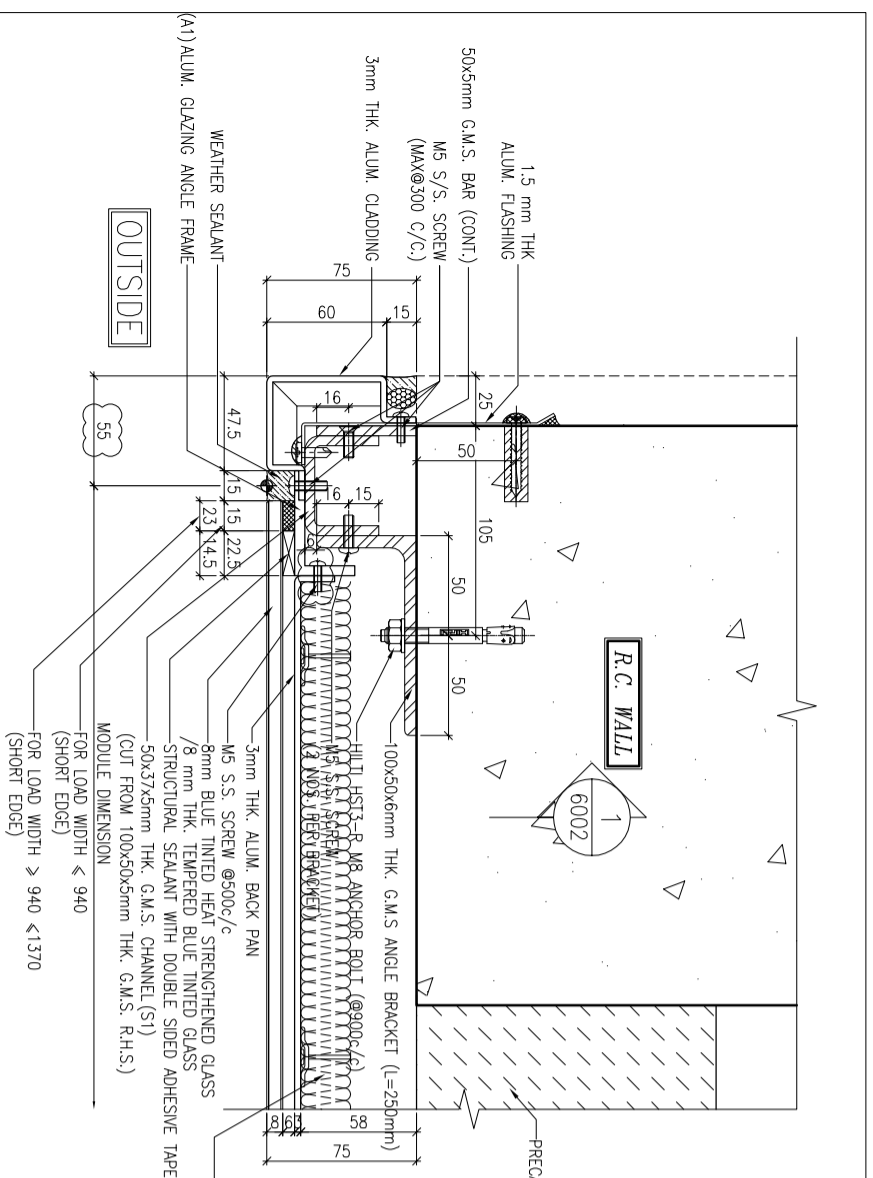
DATE : 04-JUL-18
SCALE : 1:60 (A1)

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. : 1837-GC-2603
REV. : -



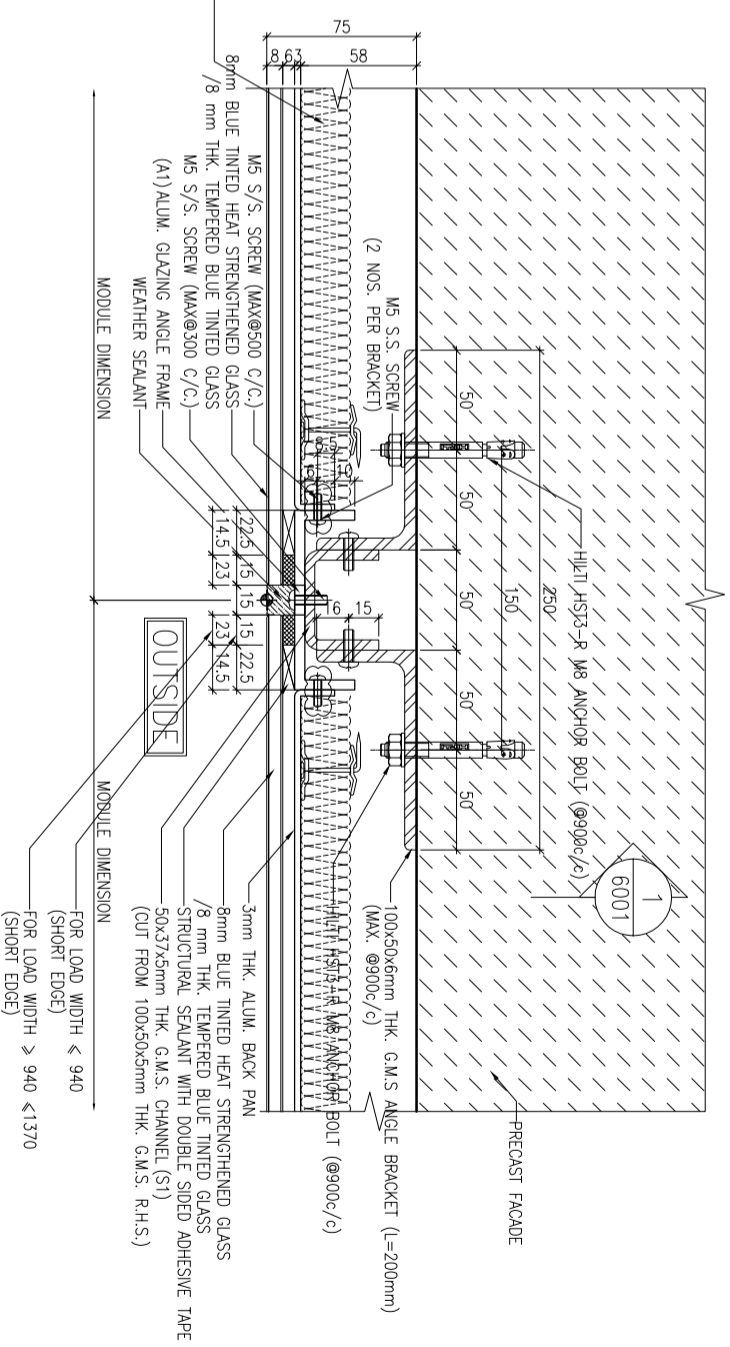
1 - TYPICAL SECTION
FOR GLASS CLADDING



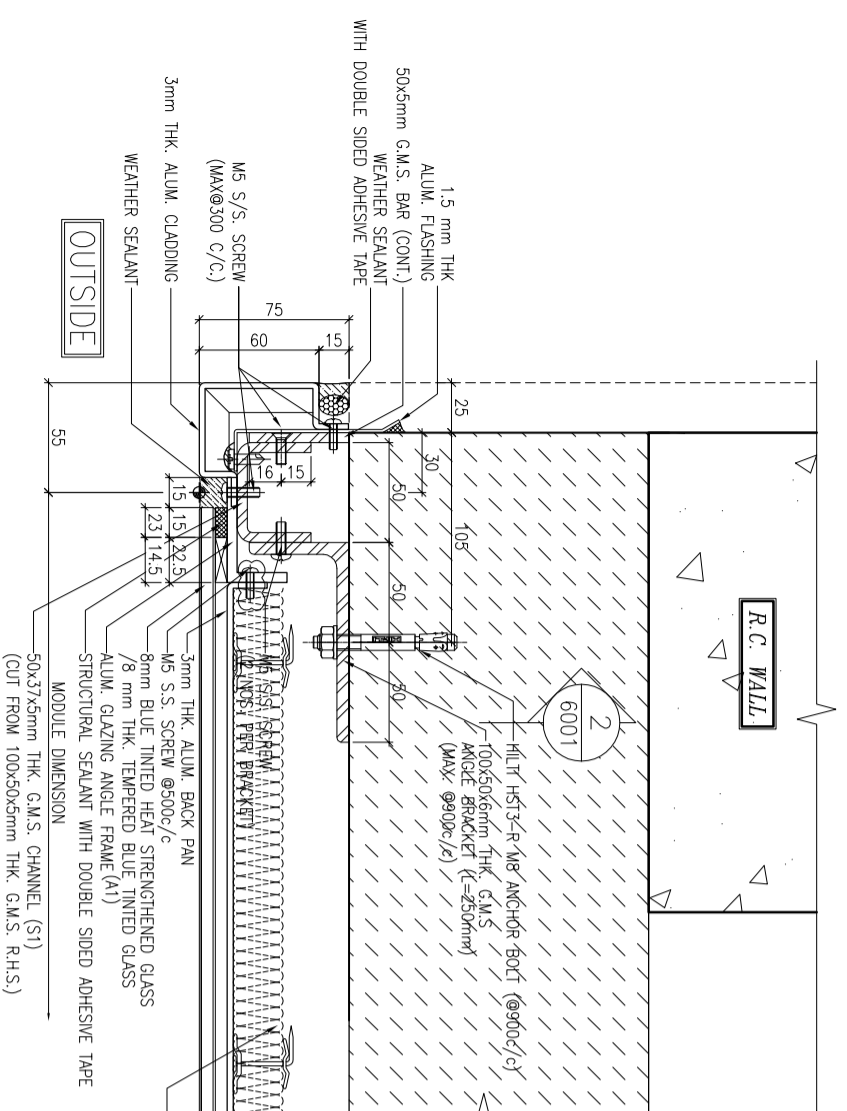
1 TYPICAL MULLION DETAIL
5001 GLASS CLADDING

LEGEND:

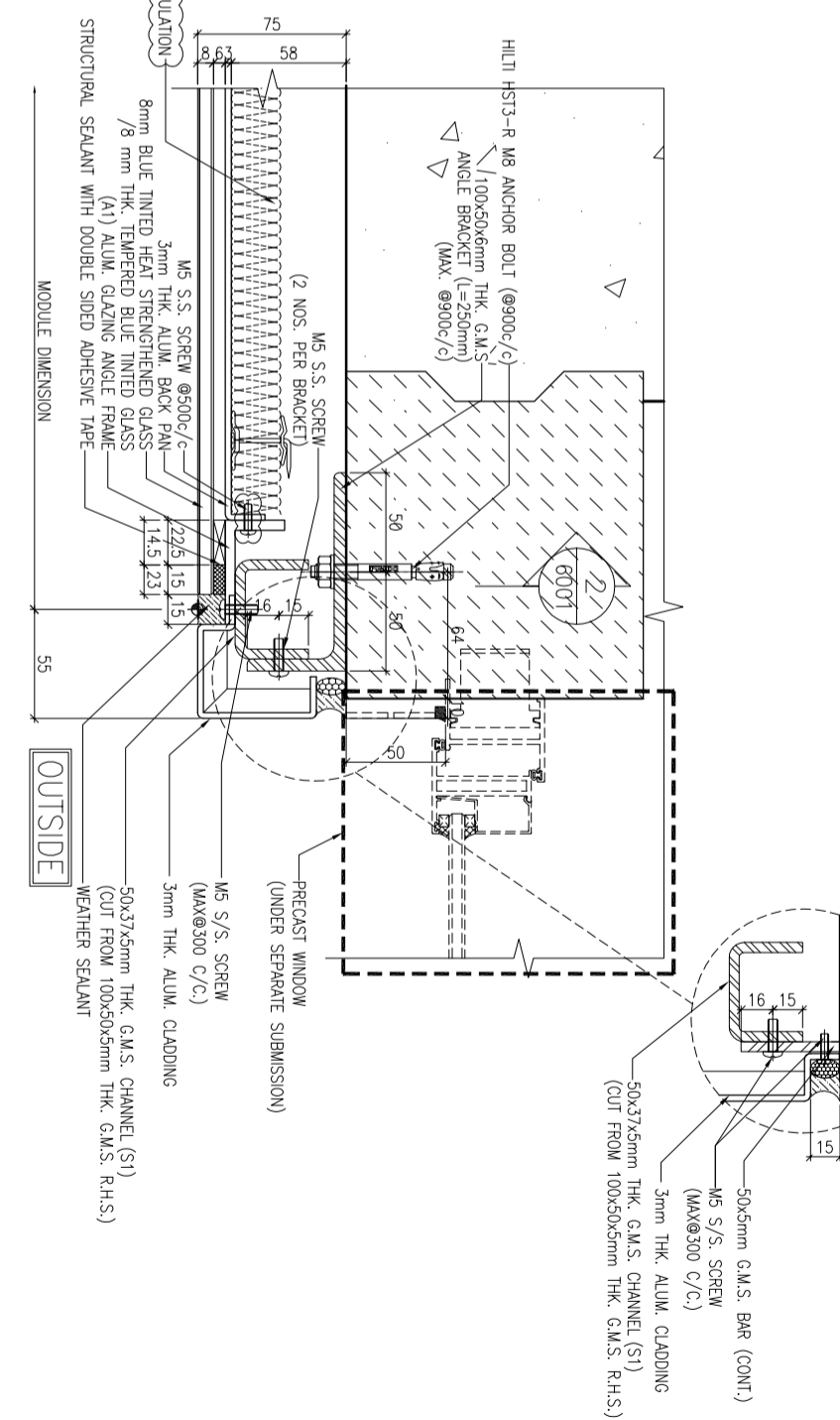
STRUCTURAL SEALANT WITH DOUBLE SIDED ADHESIVE TAPE AS FOLLOWS
15mm(W) FOR LOAD WIDTH \leq 940 (SHORT EDGE)
23mm(W) FOR LOAD WIDTH \geq 940 \leq 1370 (SHORT EDGE)



2 TYPICAL MULLION DETAIL
5001 GLASS CLADDING



3 TYPICAL MULLION DETAIL
5001 GLASS CLADDING



4 TYPICAL MULLION DETAIL
5001 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

FAÇADE CONSULTANT :
AECOM

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	REVISION
C	12/6/2019	GENERAL REVISED
B	1/3/2019	GENERAL REVISED
A	17/11/2018	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 : -
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunroy Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27272666
DWG NO. : JB37-GC-5001 REV. : C

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

ARCHITECT : WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR : W.T.

STRUCTURAL ENGINEER : CR Construction Company Limited

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.
- (X00) --- REFER SHEET NO.
- 1. F.F.L. --- FINISHED FLOOR LEVEL
- 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
- 3. (R) --- REVERSED DETAIL

NO.	DATE	REVISION
C	12/6/2019	GENERAL REVISED
B	17/11/2018	GENERAL REVISED
A	15/10/2018	GENERAL REVISED

JOB NO. : J-837

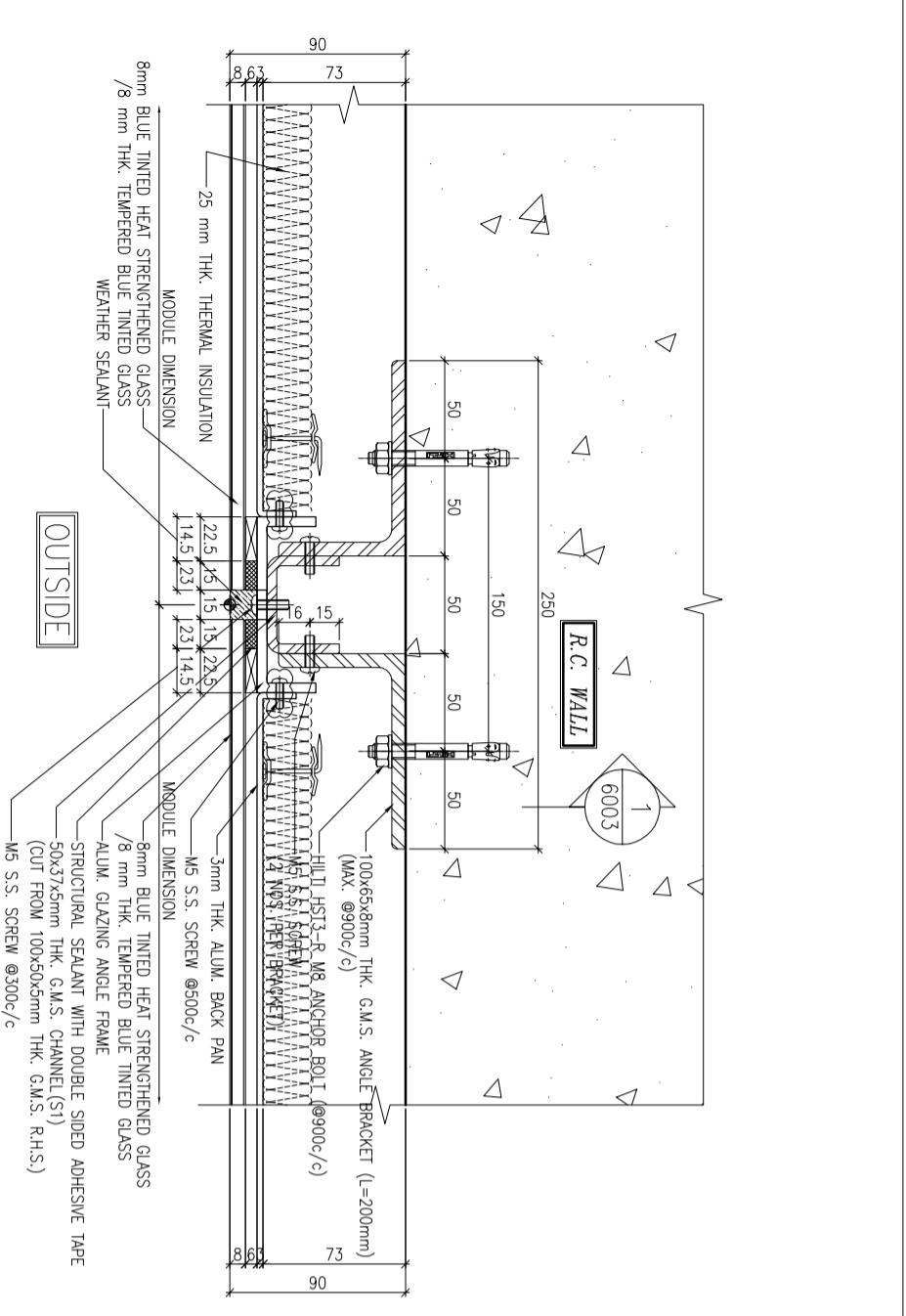
PROJECT : URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

TITLE : TYPICAL MULLION DETAIL
FOR GLASS CLADDING

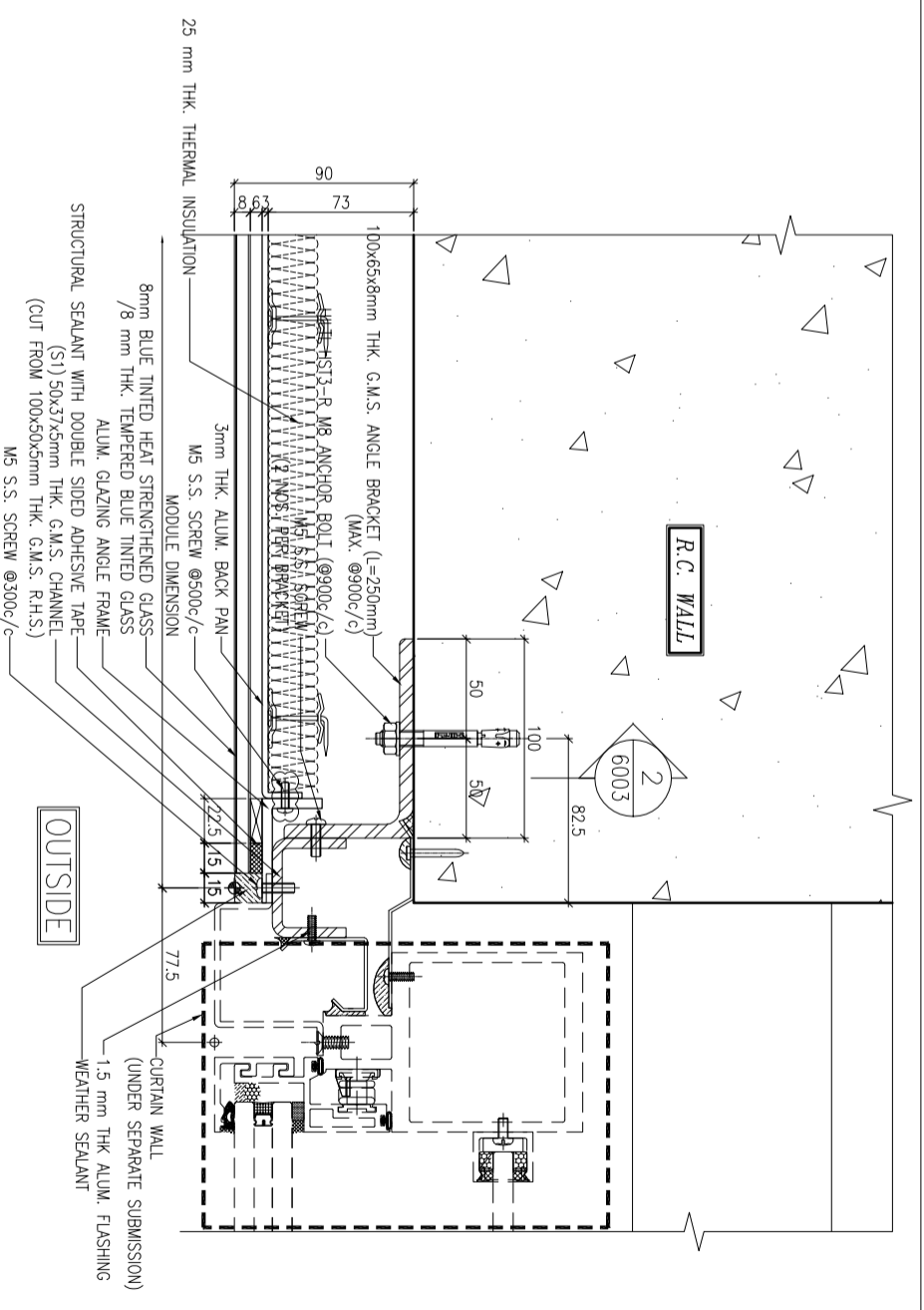
DATE : 4-Sep-18 SCALE : 1:2 (A1)

DRAWN BY : ASING CHECKED BY : -

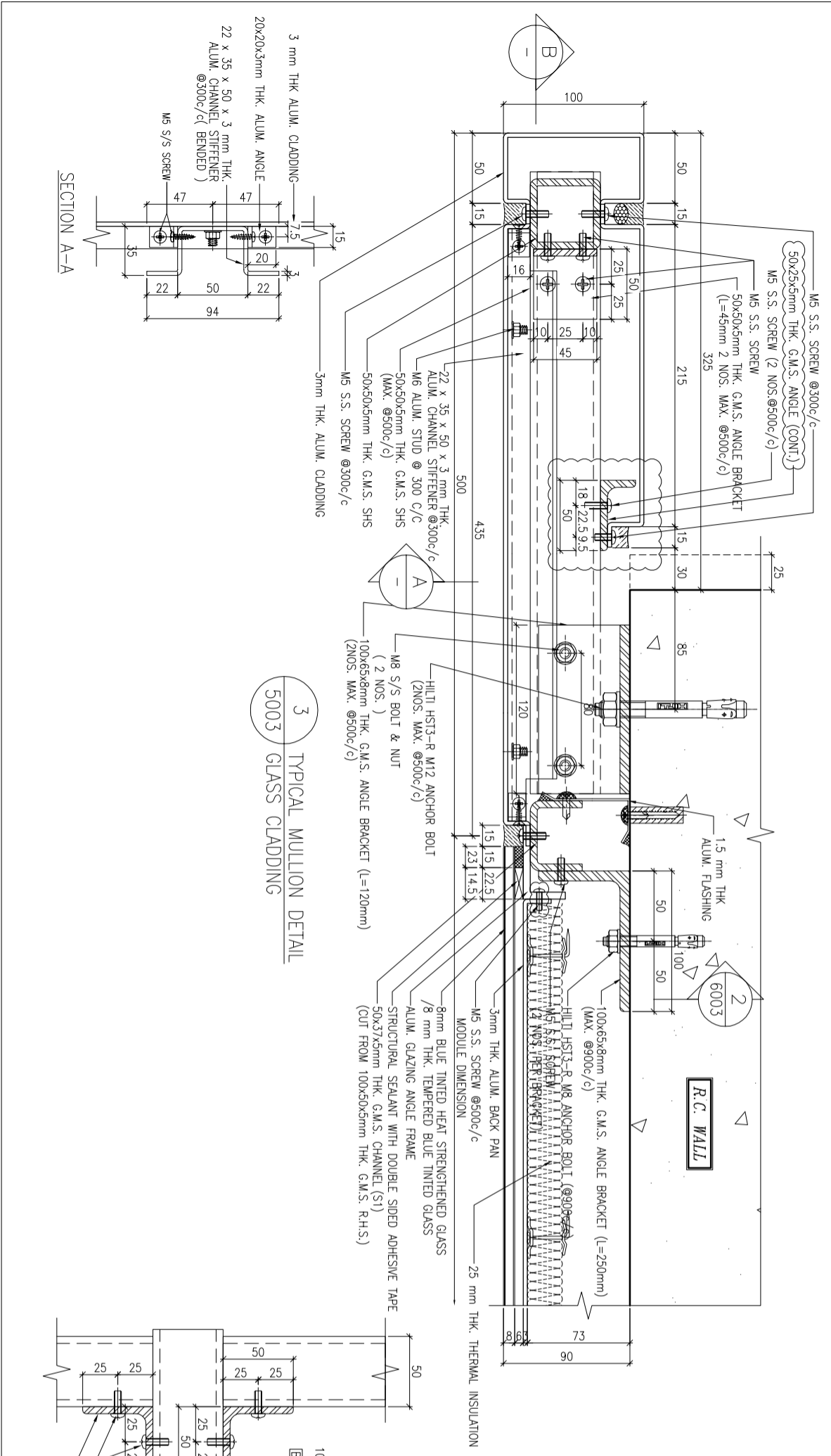
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27277666
DWG NO. : JB37-GC-5003 REV. : C



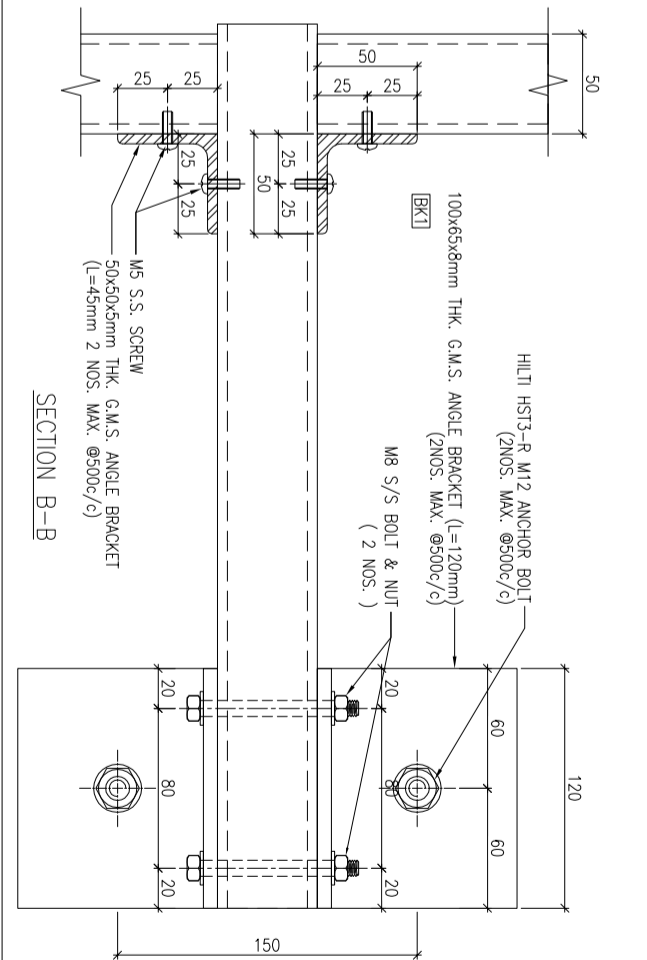
1 TYPICAL MULLION DETAIL
5003 GLASS CLADDING



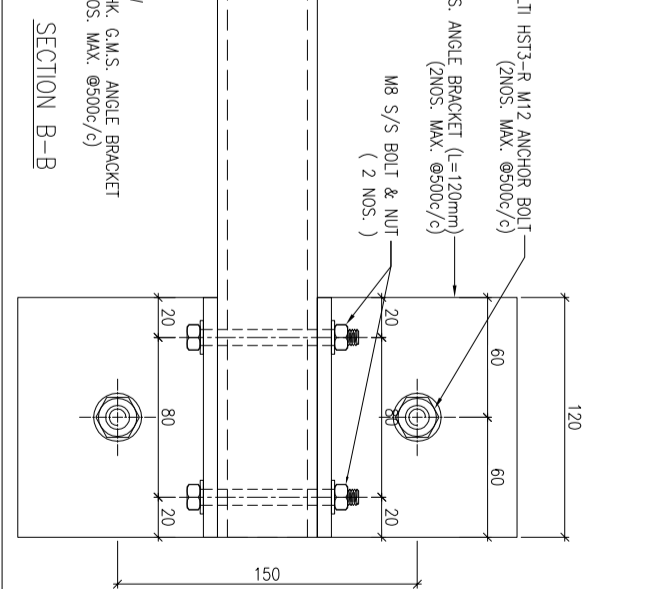
2 TYPICAL MULLION DETAIL
5003 GLASS CLADDING



3 TYPICAL MULLION DETAIL
5003 GLASS CLADDING

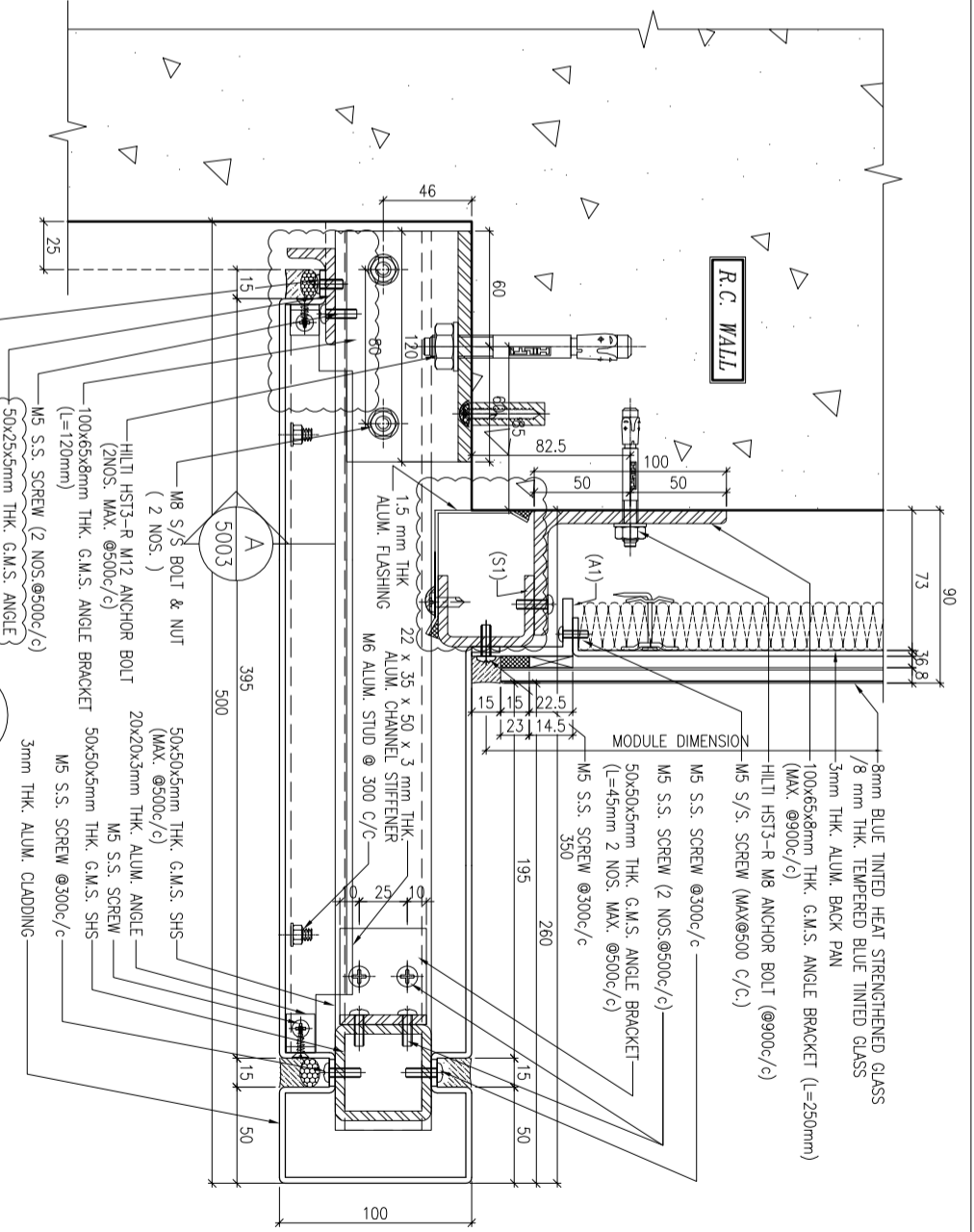
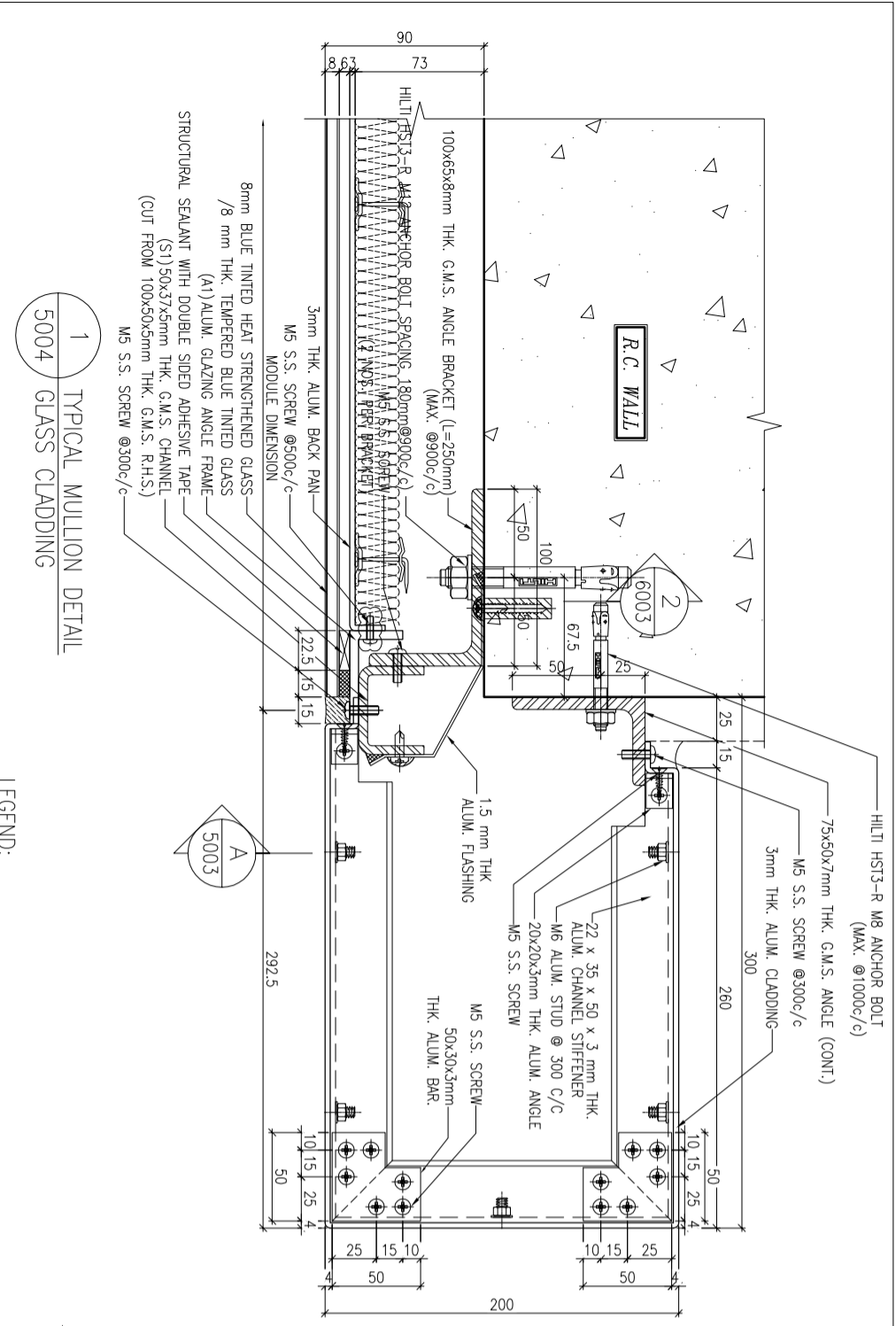


SECTION A-A



SECTION B-B

LEGEND:
STRUCTURAL SEALANT WITH DOUBLE
SIDED ADHESIVE TAPE AS FOLLOWS
15mm(W) FOR LOAD WIDTH ≤ 940
(SHORT EDGE)
23mm(W) FOR LOAD WIDTH > 940 < 1370
(SHORT EDGE)



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

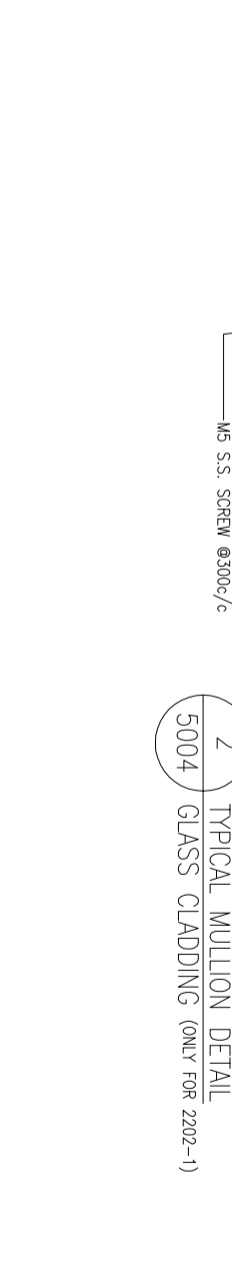
STRUCTURAL ENGINEER : AECOM

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.

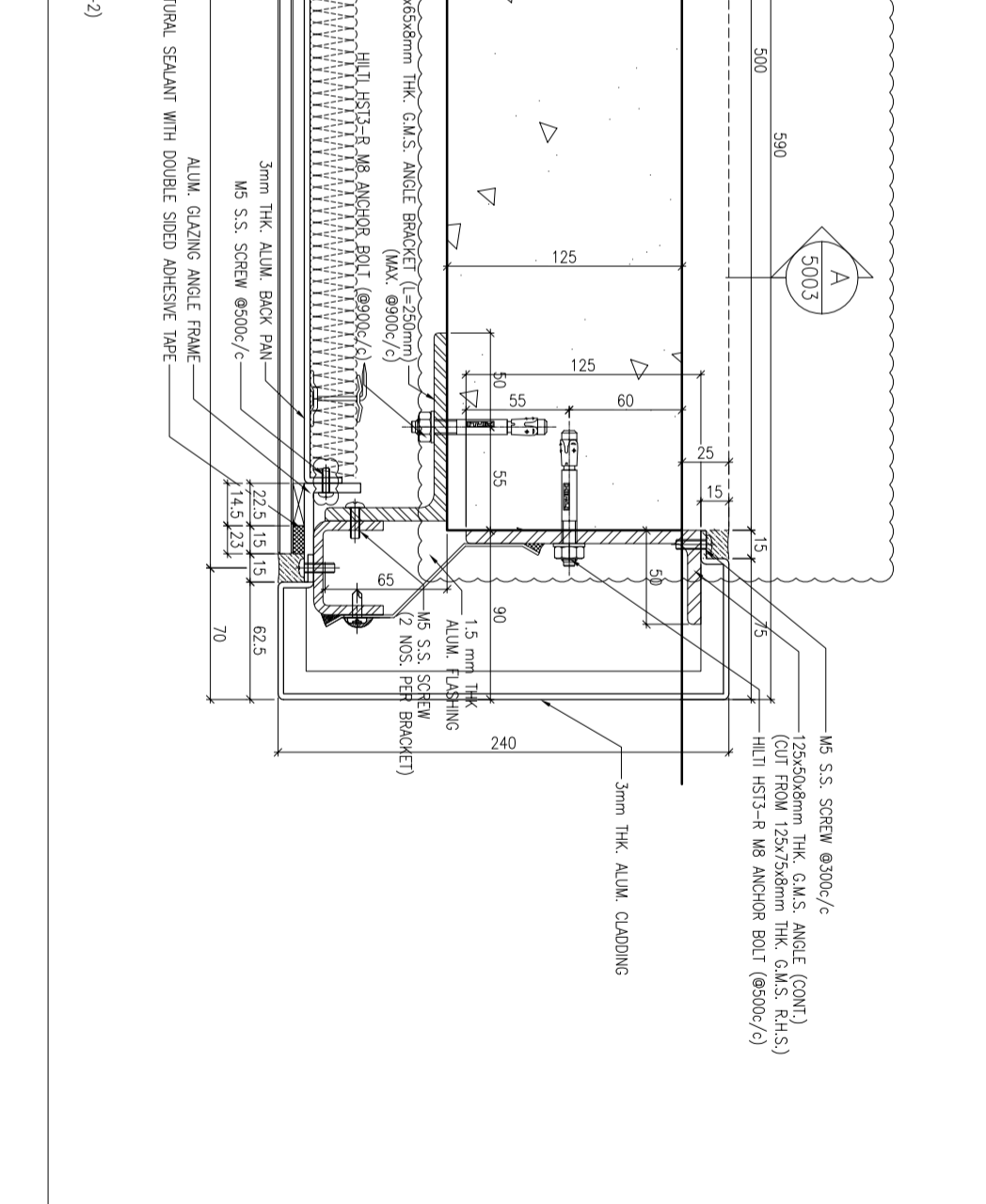
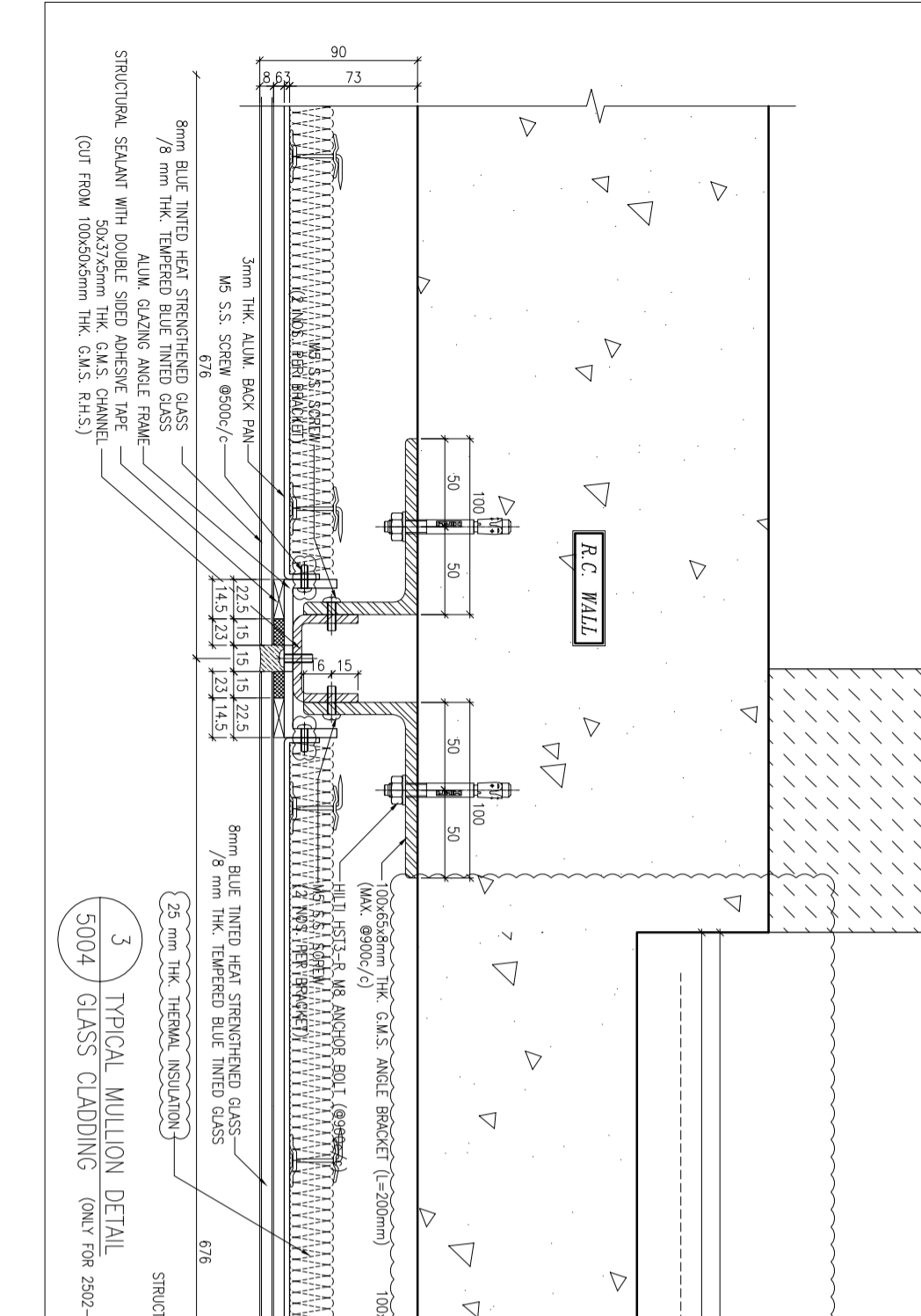
1. F.F.L. -- FINISHED FLOOR LEVEL.
2. S.F.L. -- STRUCTURAL FLOOR LEVEL
3. /R -- REVERSED DETAIL.



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.



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

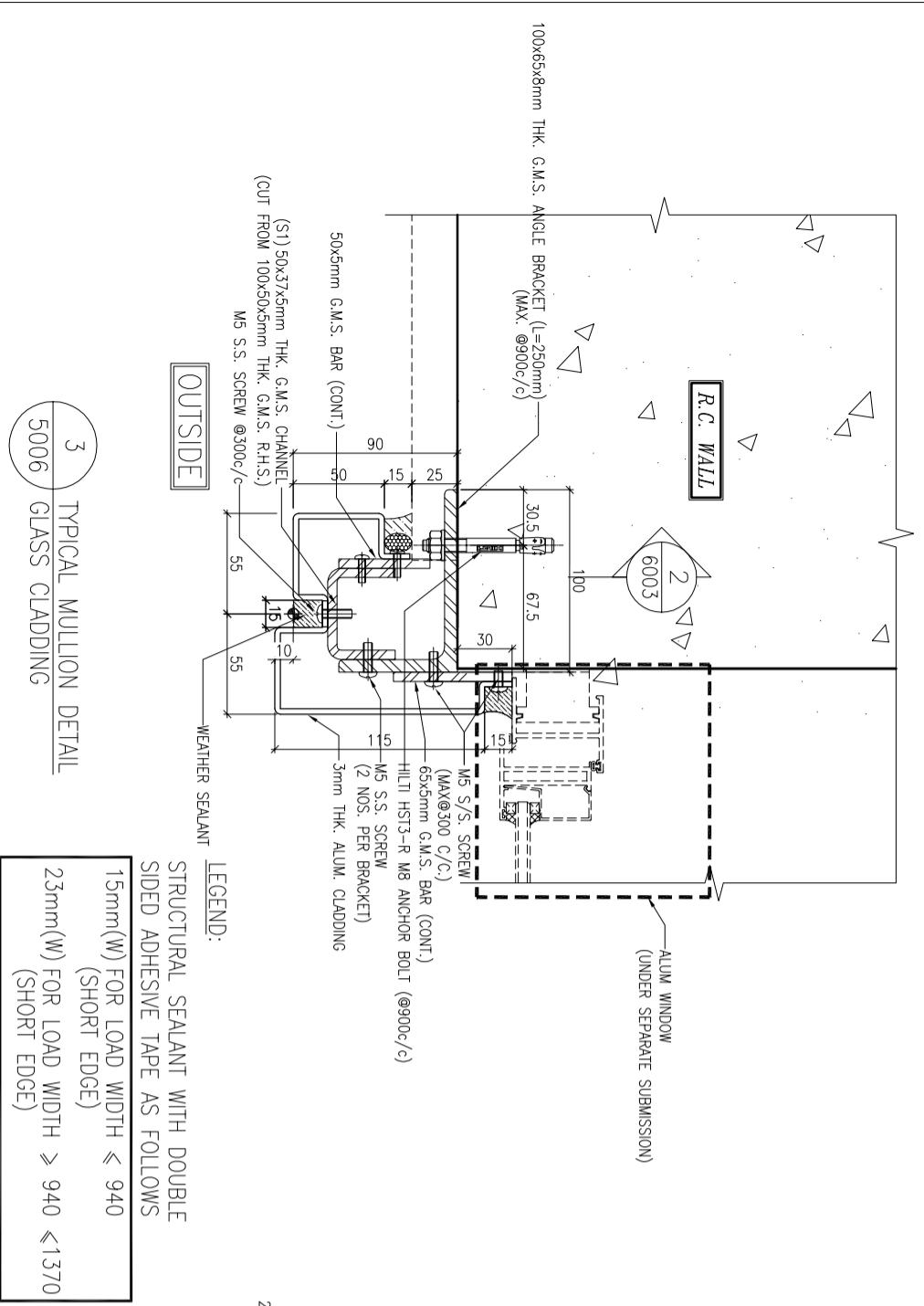
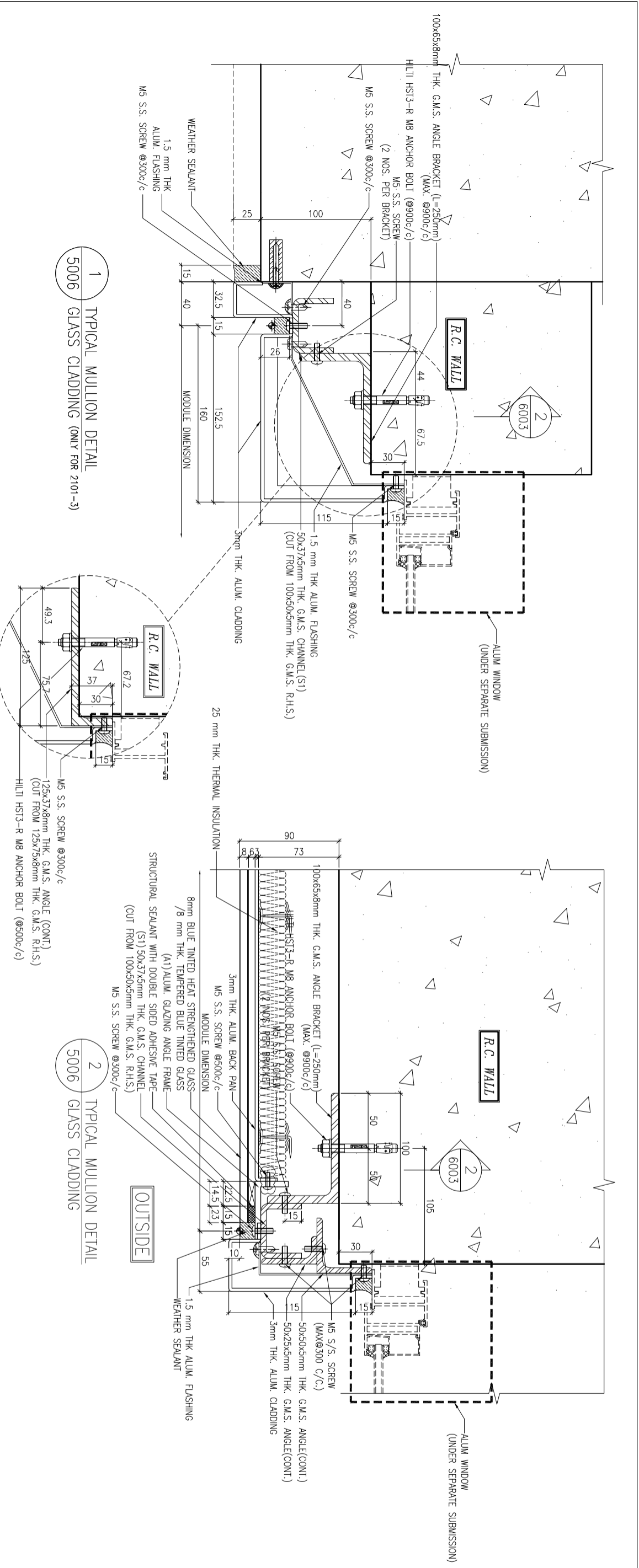
DATE : 4-Sep-18 SCALE : 1:2 (A1)

DRAWN BY : ASING CHECKED BY : -

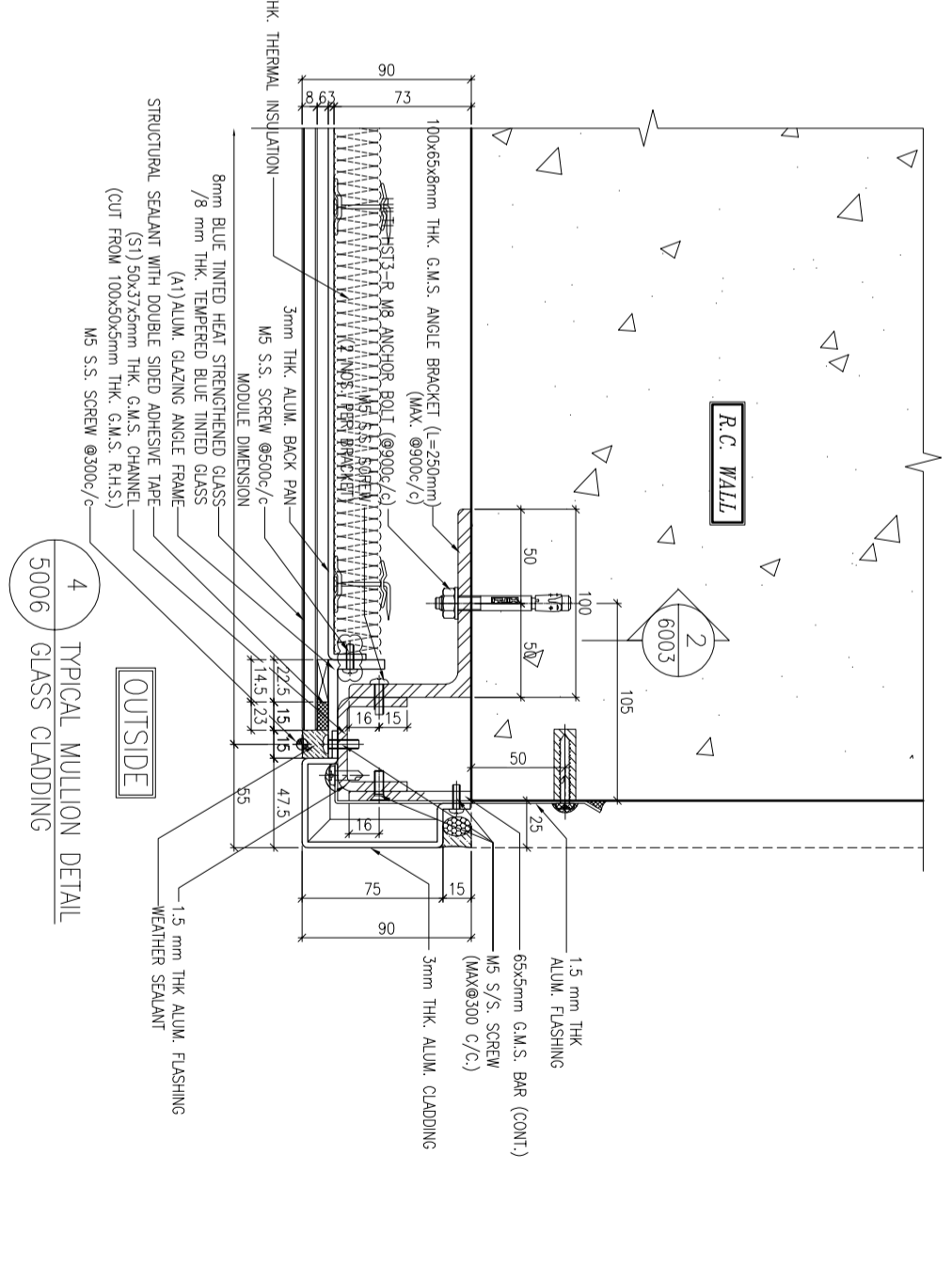
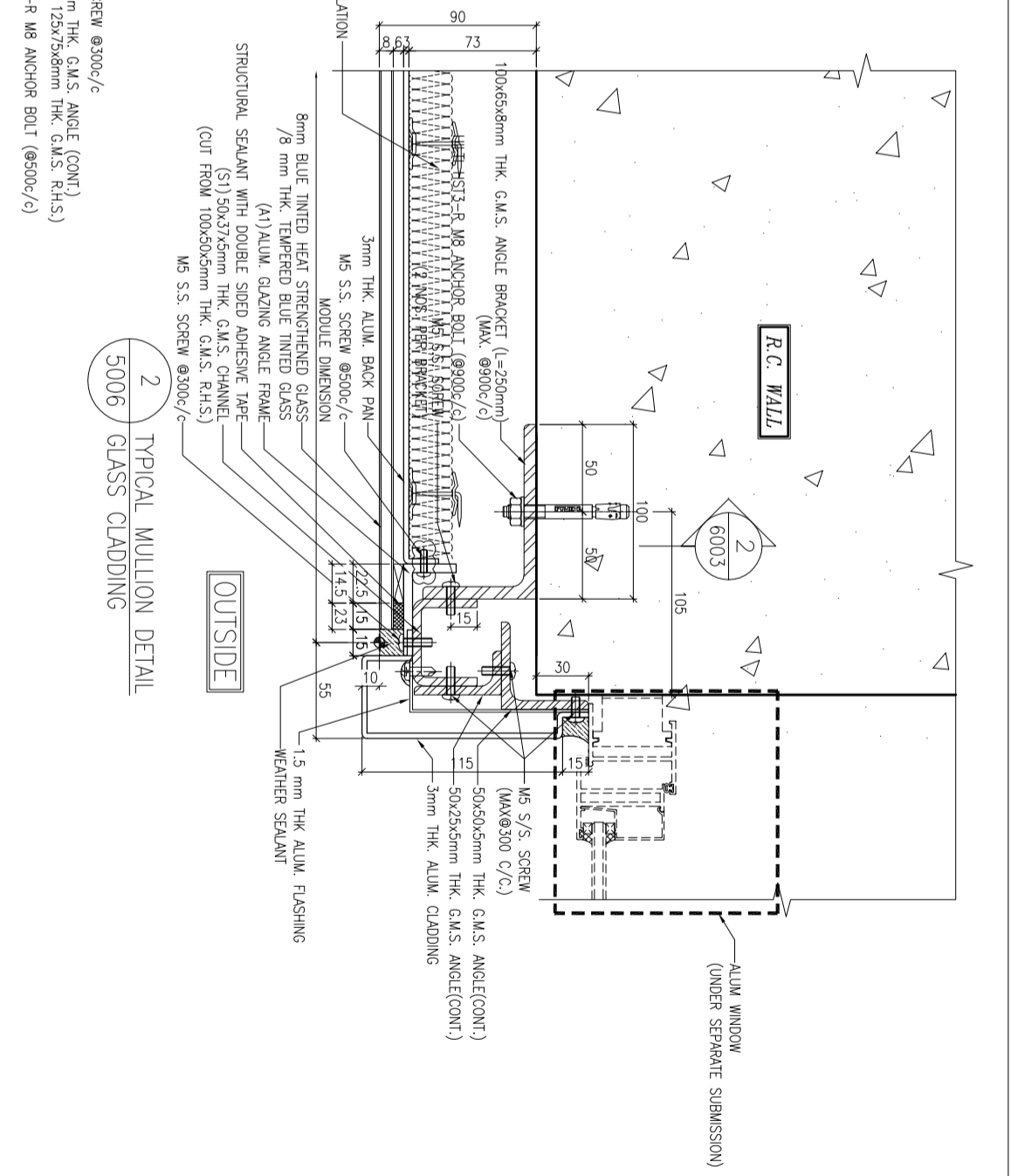
NO.	DATE	REVISION
C	12/6/2019	GENERAL REVISED
B	17/11/2018	GENERAL REVISED
A	15/10/2018	GENERAL REVISED

Units 6-8, Sunny Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kwloon
Tel:23489211-4 Fax:(852)27277666

DWG NO. : JB37-GC-5004 REV. : C



LEGEND:
STRUCTURAL SEALANT WITH DOUBLE SIDED ADHESIVE TAPE AS FOLLOWS
15mm(W) FOR LOAD WIDTH ≤ 940
(SHORT EDGE)
23mm(W) FOR LOAD WIDTH > 940 <math>< 1370</math>
(SHORT EDGE)



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

JOB NO. :	J-837
PROJECT :	URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWOON LOON
TITLE :	TYPICAL MULLION DETAIL FOR GLASS CLADDING
DATE :	15-Oct-18
SCALE :	1:2 (A1)
DRAWN BY :	ASING
CHECKED BY :	-
DATE :	12/6/2019
GENERAL REVISED	
A	1/3/2019
DATE	GENERAL REVISED
REV	REVISION
BY	

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunny Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kwloon
Tel:23489211-4 Fax:(852)27272666
DWG NO. : JB37-GC-5006 REV. : 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

FAÇADE CONSULTANT :

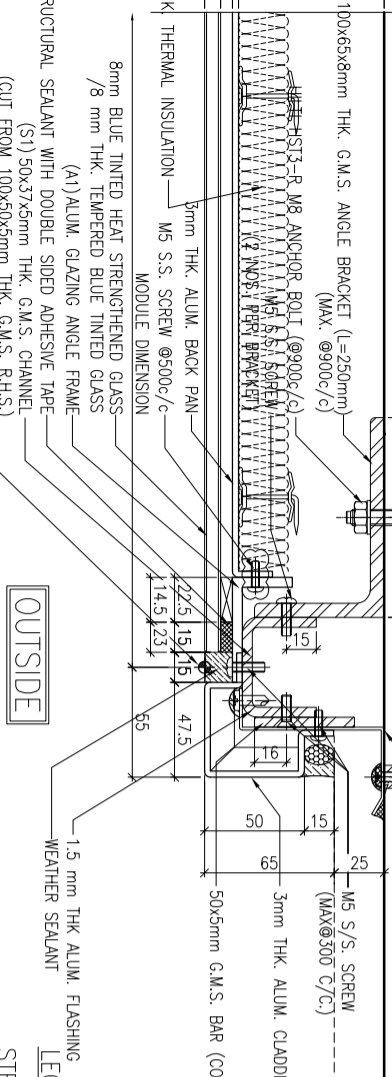
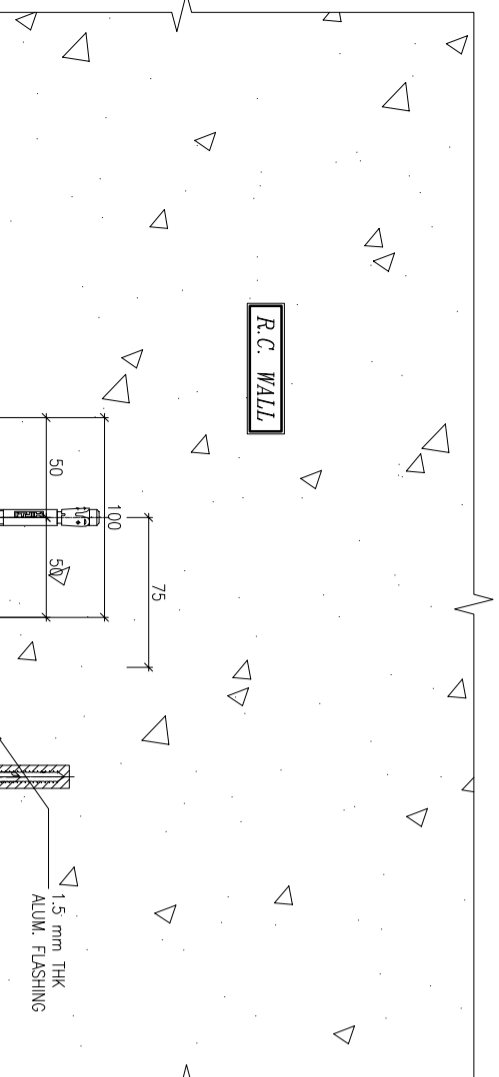
AECOM

NOTE :

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

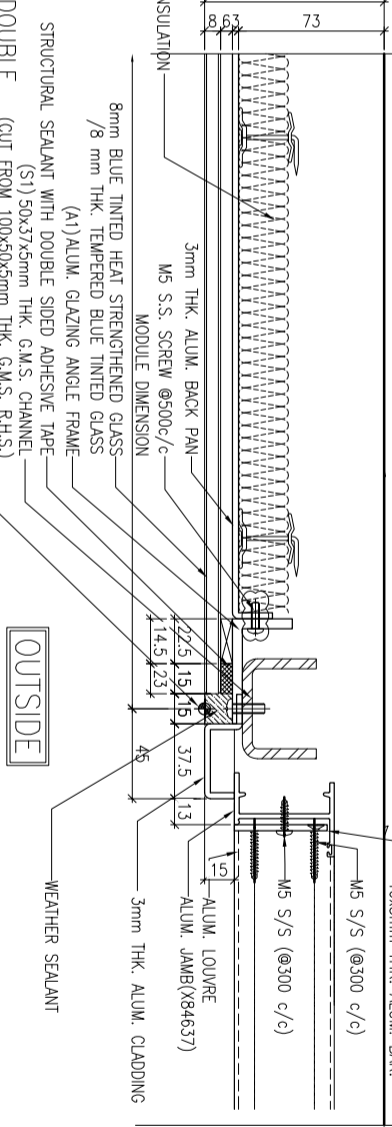
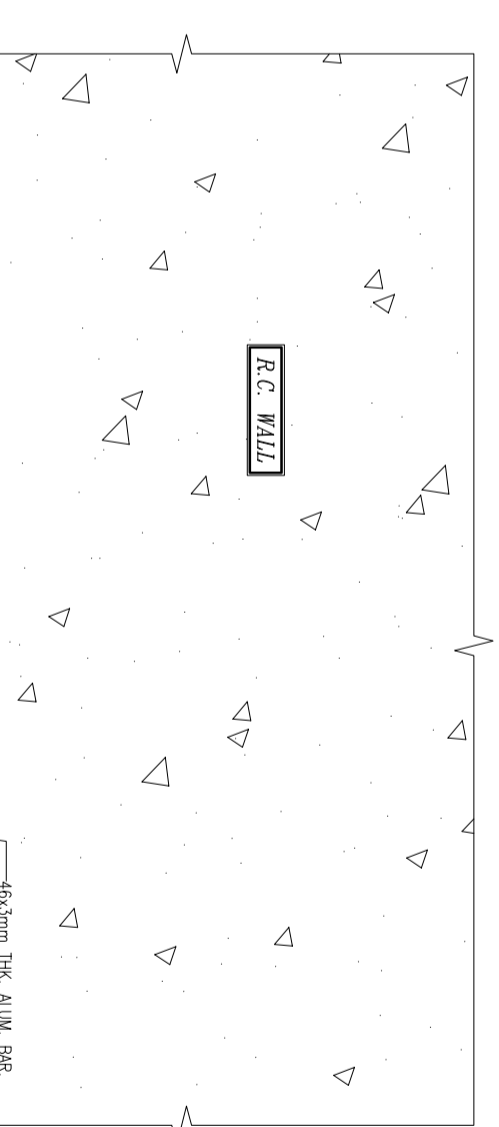
LEGEND :

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



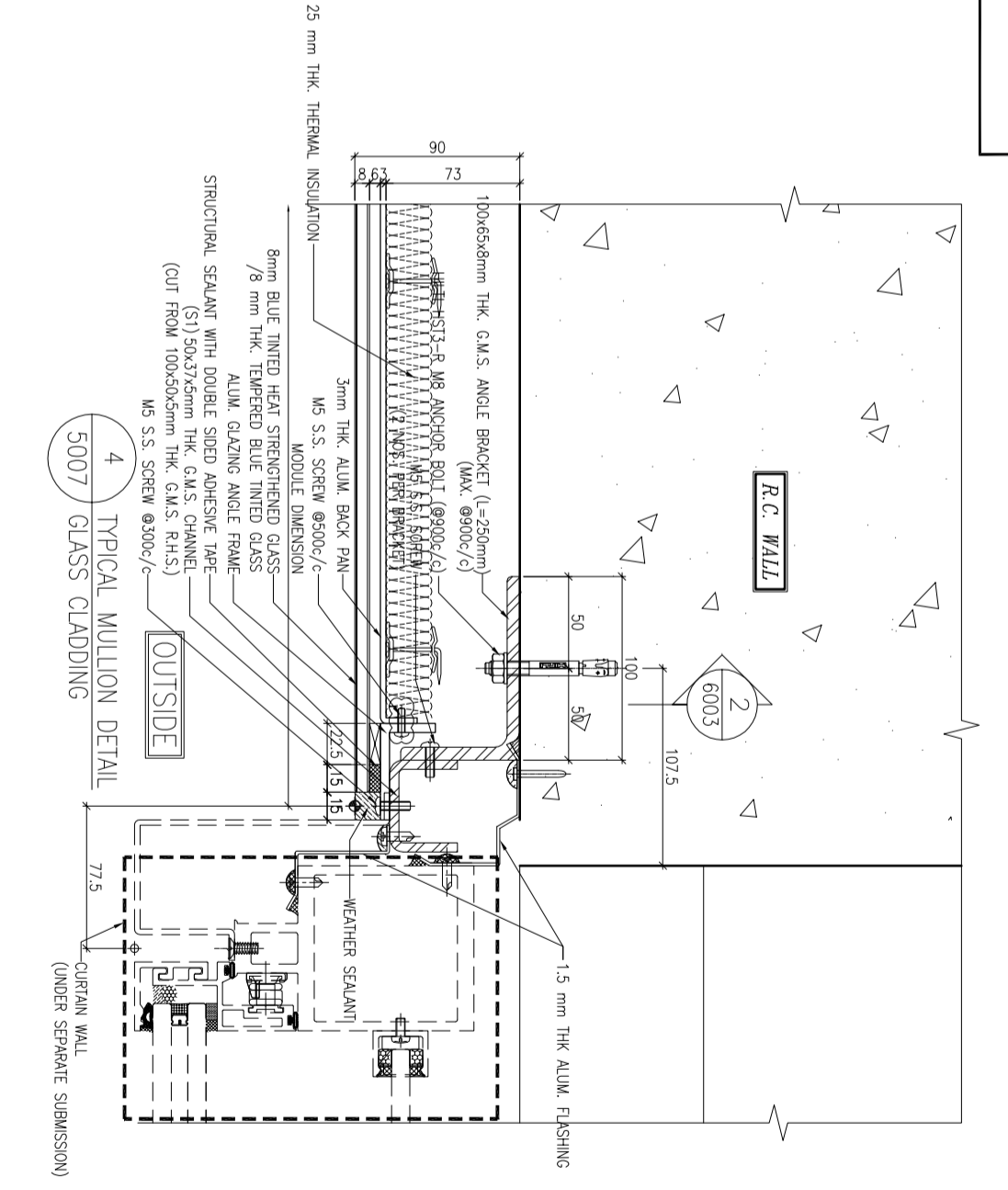
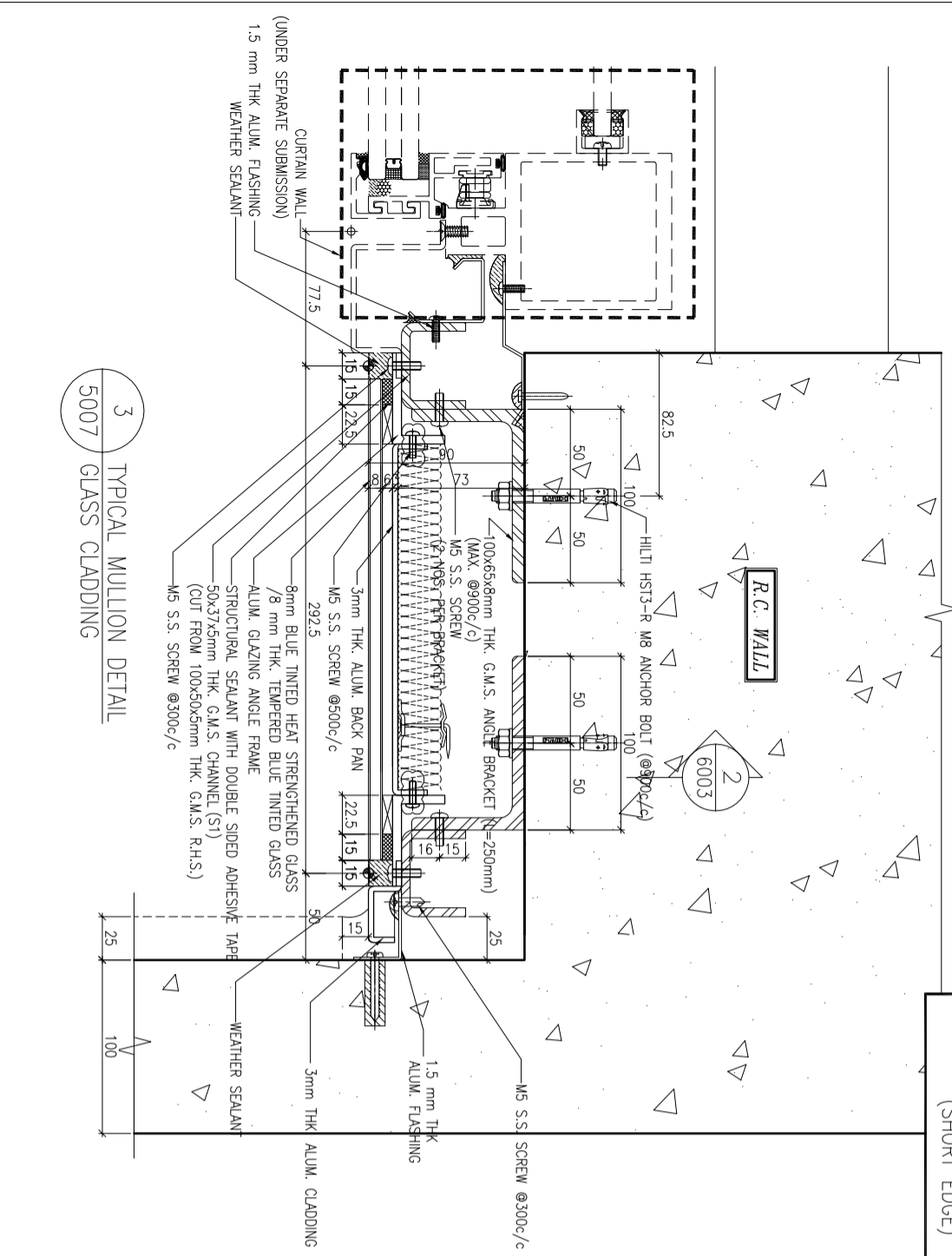
LEGEND:
STRUCTURAL SEALANT WITH DOUBLE SIDED ADHESIVE TAPE (SHORT EDGE)
SIDED ADHESIVE TAPE AS FOLLOWS

15mm(W) FOR LOAD WIDTH < 940 (SHORT EDGE)
23mm(W) FOR LOAD WIDTH > 940 < 1370 (SHORT EDGE)



LEGEND:
STRUCTURAL SEALANT WITH DOUBLE SIDED ADHESIVE TAPE (SHORT EDGE)
SIDED ADHESIVE TAPE AS FOLLOWS

15mm(W) FOR LOAD WIDTH < 940 (SHORT EDGE)
23mm(W) FOR LOAD WIDTH > 940 < 1370 (SHORT EDGE)



NO.	DATE	GENERAL	REVISED
A	12/6/2019	GENERAL REVISED	

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWL00N

TITLE :
TYPICAL MULLION DETAIL
FOR GLASS CLADDING

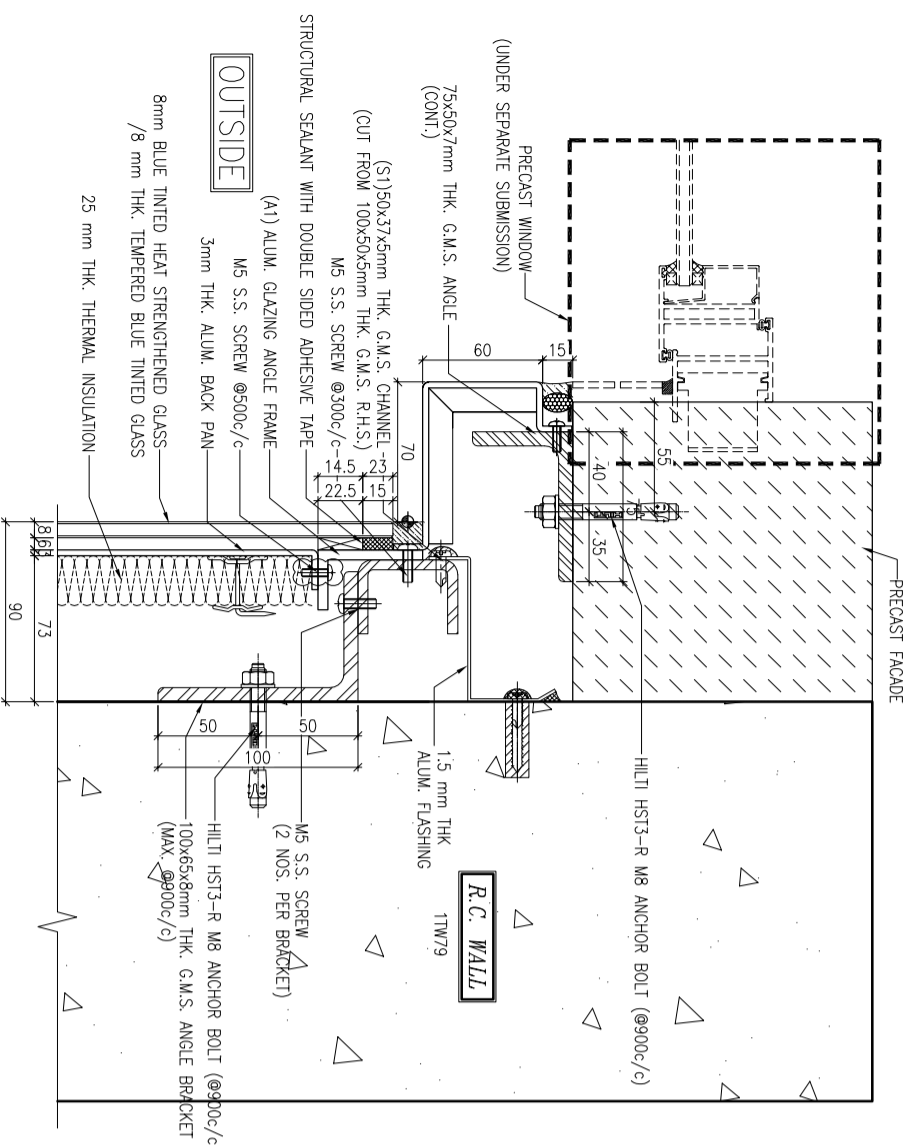
DATE : 15-Oct-18 SCALE : 1:2 (A1)

DRAWN BY : ASING CHECKED BY : -

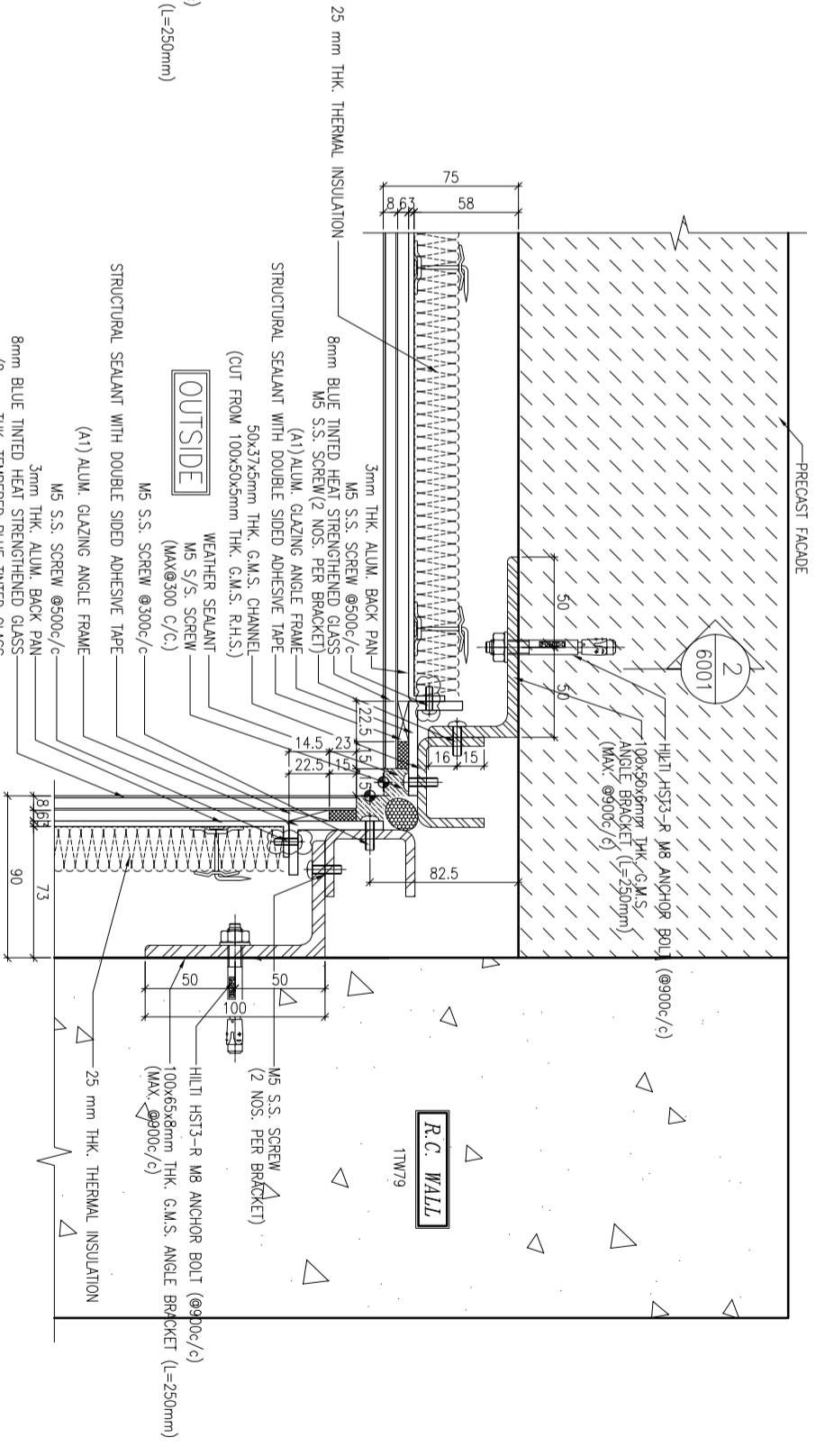
UNIT 6-8, Sunny Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27272666

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

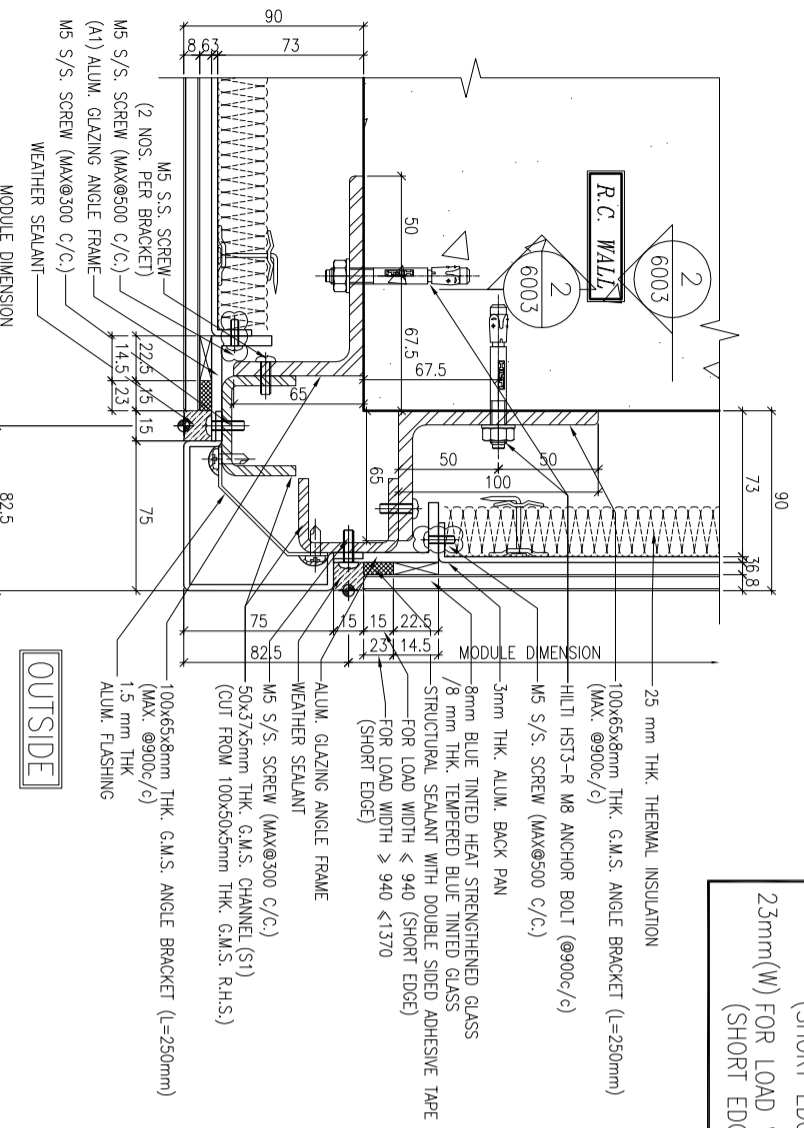
DWG NO. : JB37-GC-5007 REV. : A



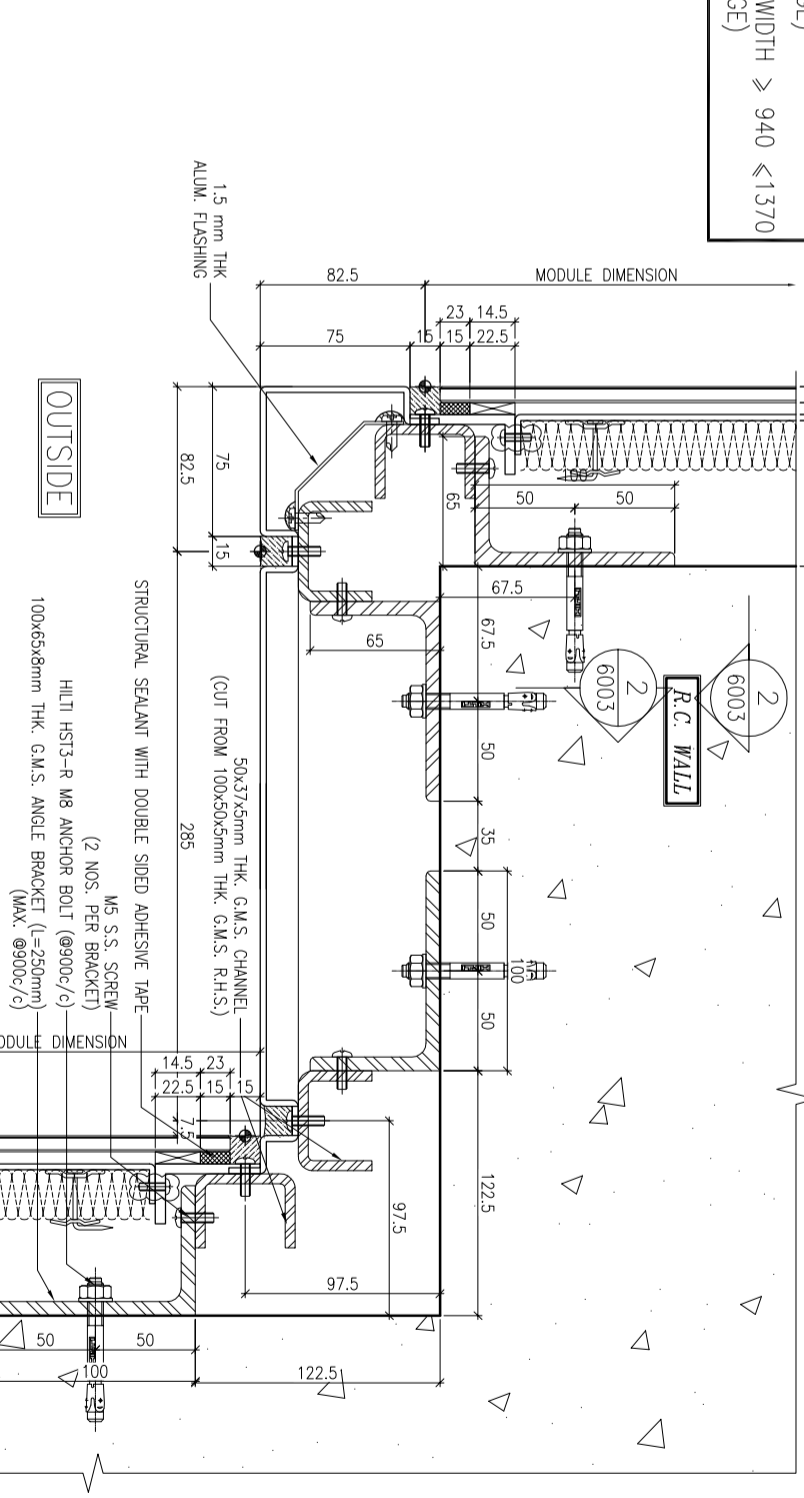
1 TYPICAL MULLION DETAIL
5008 GLASS CLADDING



2 TYPICAL MULLION DETAIL
5008 GLASS CLADDING



3 TYPICAL MULLION DETAIL
5008 GLASS CLADDING



4 TYPICAL MULLION DETAIL
5008 GLASS CLADDING

LEGEND:
STRUCTURAL SEALANT WITH DOUBLE SIDED ADHESIVE TAPE AS FOLLOWS
15mm(W) FOR LOAD WIDTH \leq 940 (SHORT EDGE)
23mm(W) FOR LOAD WIDTH $>$ 940 \leq 1370 (SHORT EDGE)

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

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

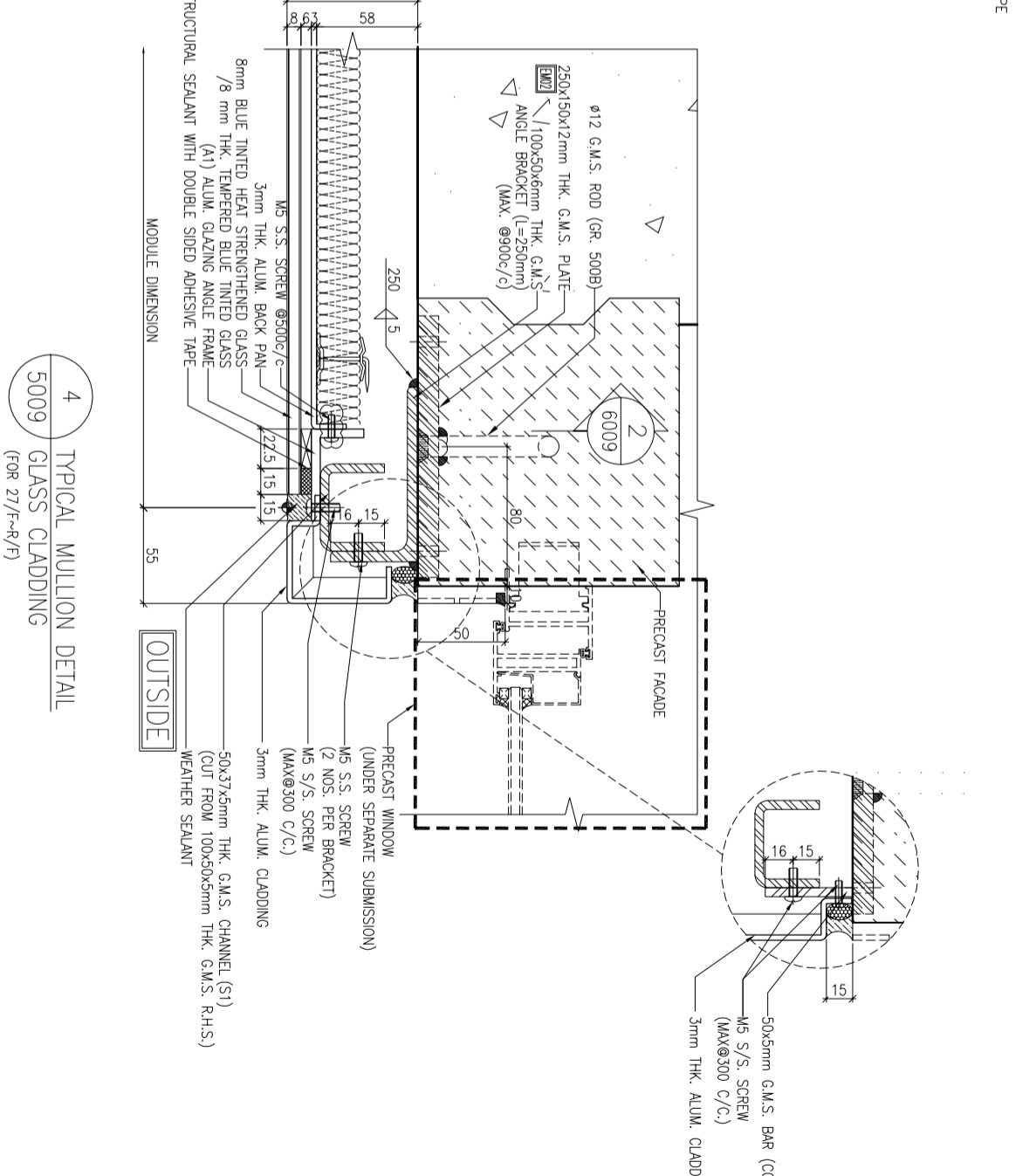
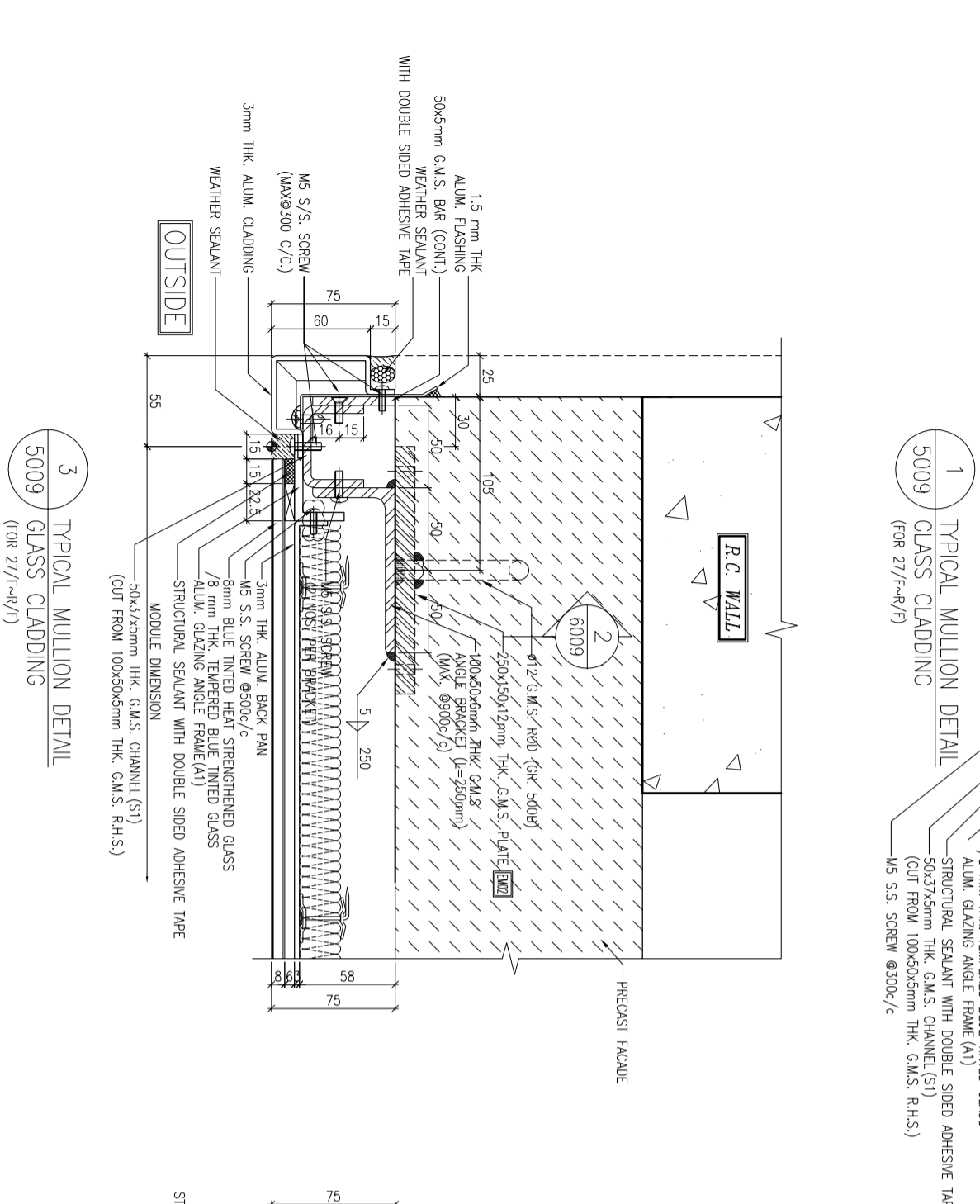
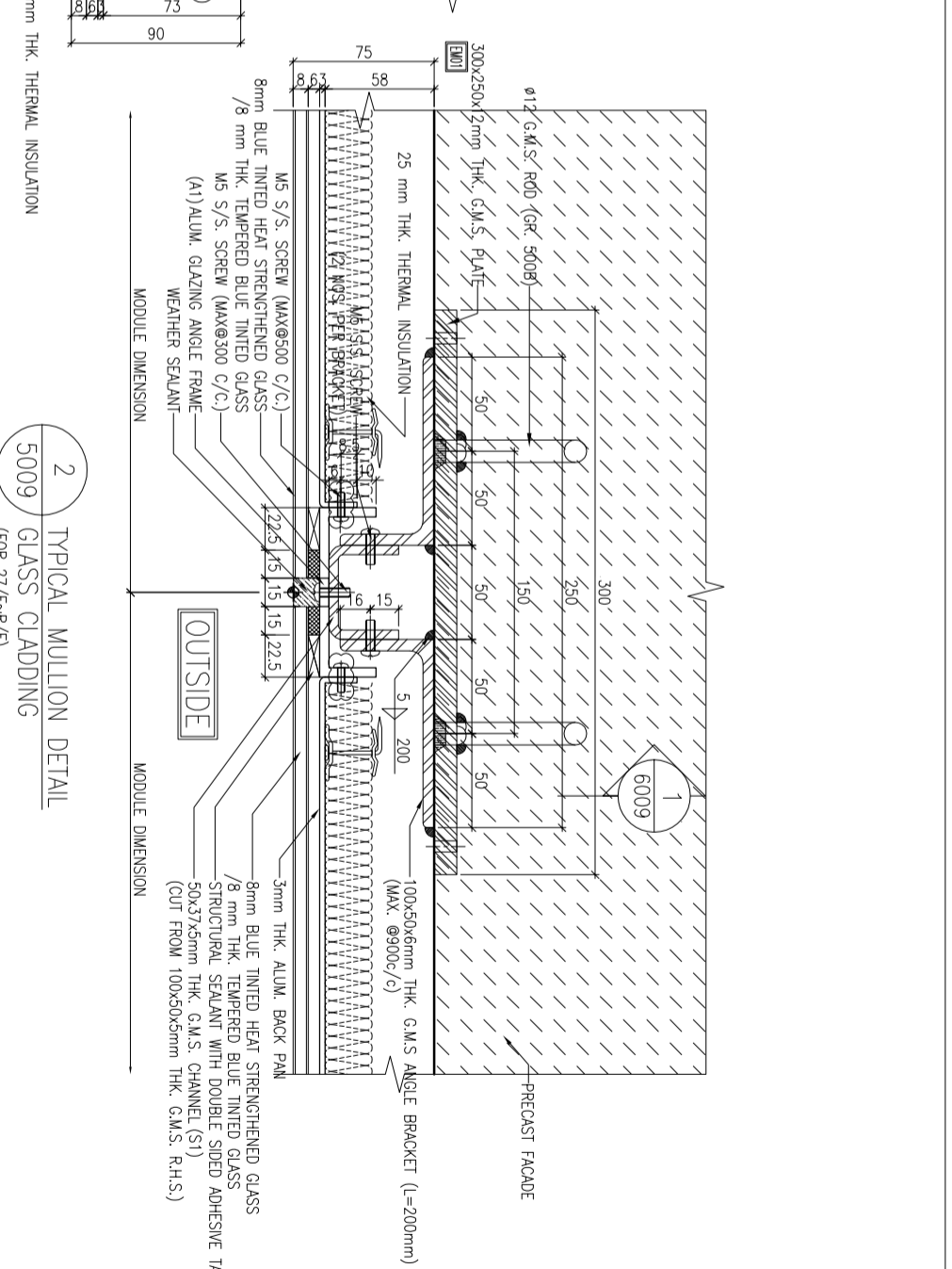
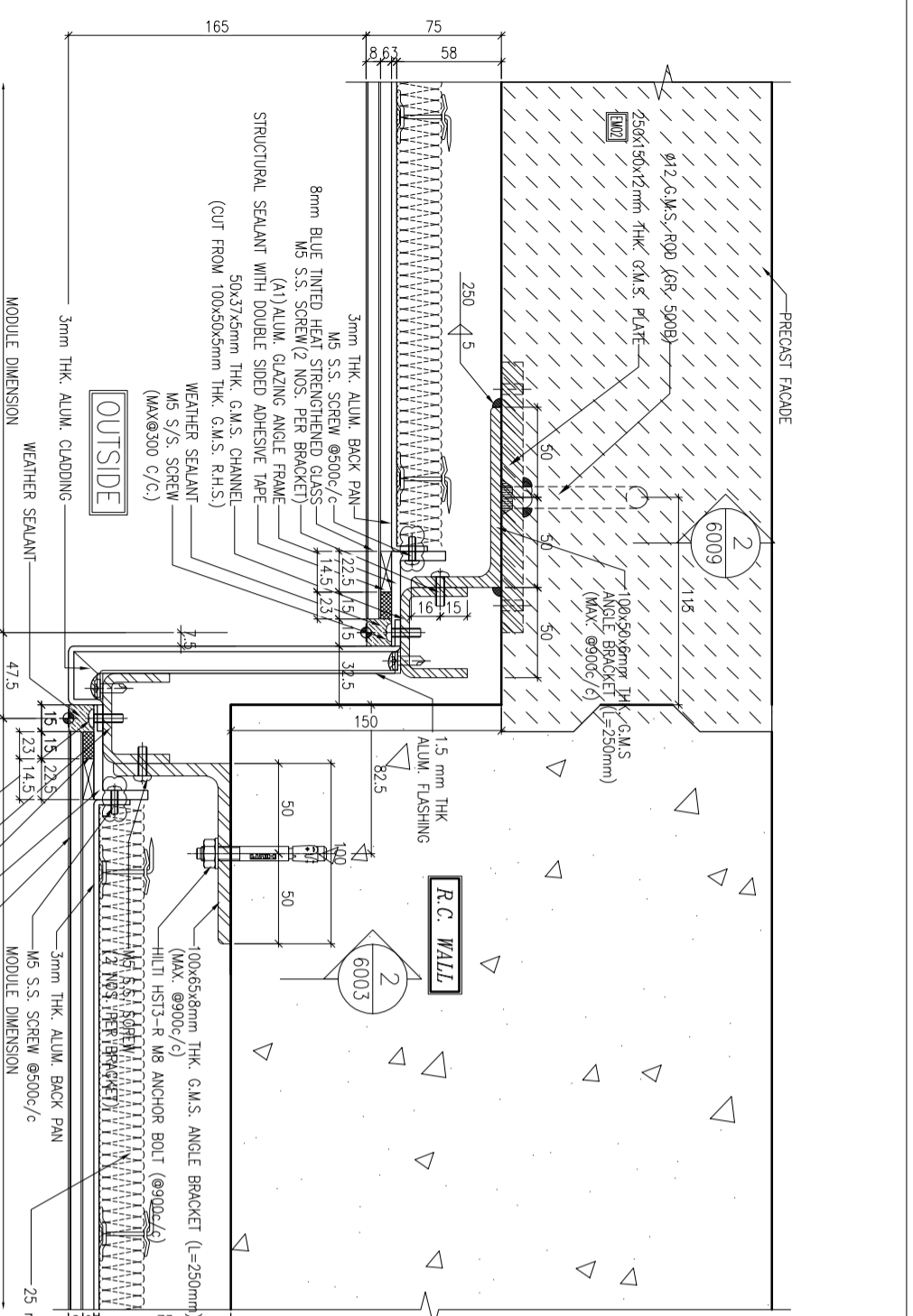
DATE : 15-Oct-18 SCALE : 1:2 (A1)

DRAWN BY : ASING CHECKED BY : -

NO.	DATE	GENERAL REVISED
A	12/6/2019	REVISION

REV. : A

MEIDI 美特鋁質有限公司
ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunny Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27272666
DWG NO. : JB37-GC-5008



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.
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LEGEND :
 (X1) --- DETAIL MARK NO.
 (X00) --- REFER SHEET NO.
 1. F.F.L. --- FINISHED FLOOR LEVEL.
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL.
 3. (R) --- REVERSED DETAIL.

A	12/6/2019	GENERAL REVISED
WA	DATE	REVISION
BR		

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
 MIDTI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunny Industrial Centre, 1/F
 610 Cho Kwong Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27272666
 DWG NO. : JB37-GC-5009 REV. : A

B.D. REF. :

CLIENT :

信和置業有限公司
Sino Land Company Limited

ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

WTF

MAIN CONTRACTOR :

CR Construction Company Limited

STRUCTURAL ENGINEER :

AECOM

FAÇADE CONSULTANT :

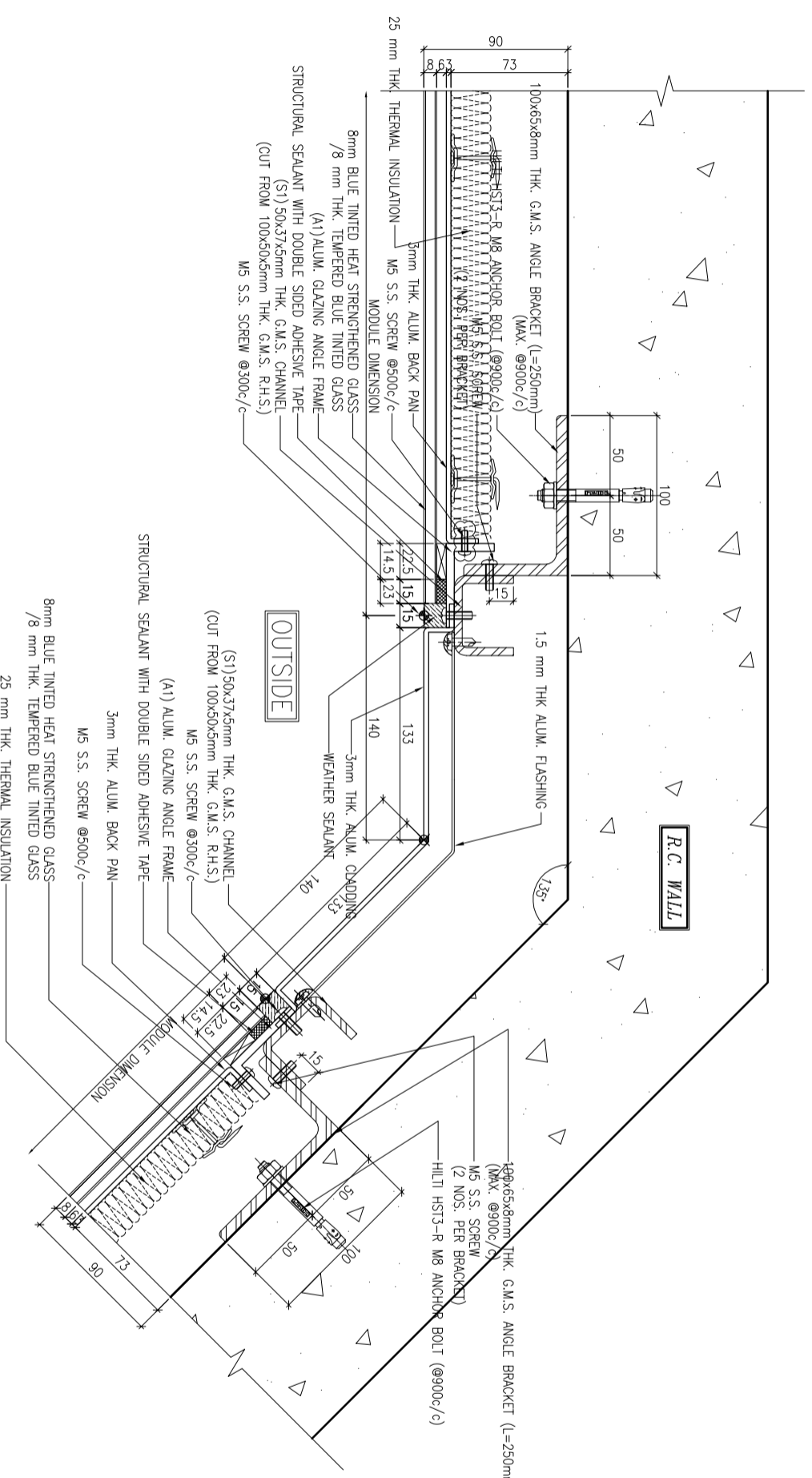
AECOM

NOTE :

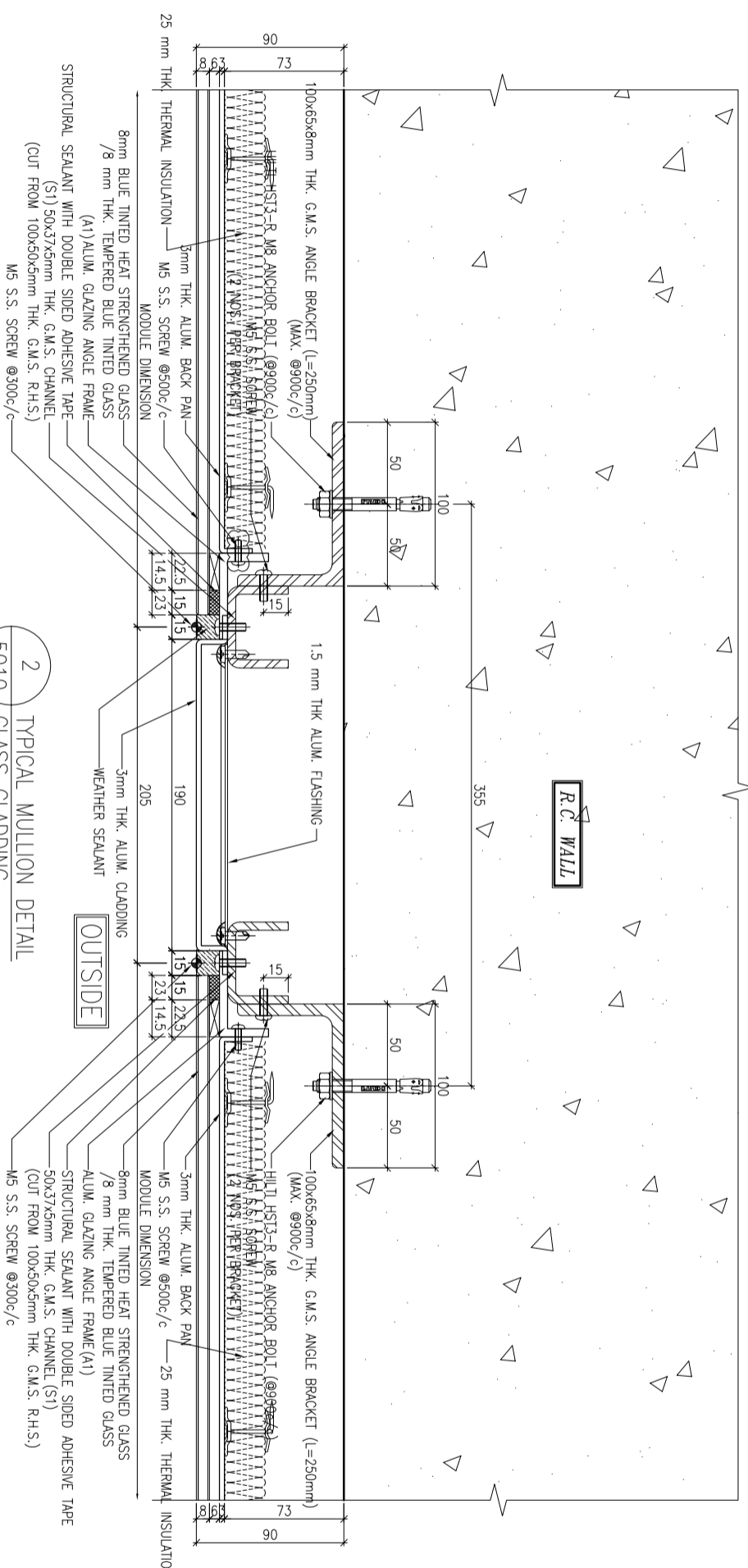
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

LEGEND :

- (X1) --- DETAIL MARK NO.
- (X00) --- REFER SHEET NO.
- 1. F.F.L. --- FINISHED FLOOR LEVEL.
- 2. S.F.L. --- STRUCTURAL FLOOR LEVEL.
- 3. (R) --- REVERSED DETAIL.



1 TYPICAL MULLION DETAIL
5010 GLASS CLADDING

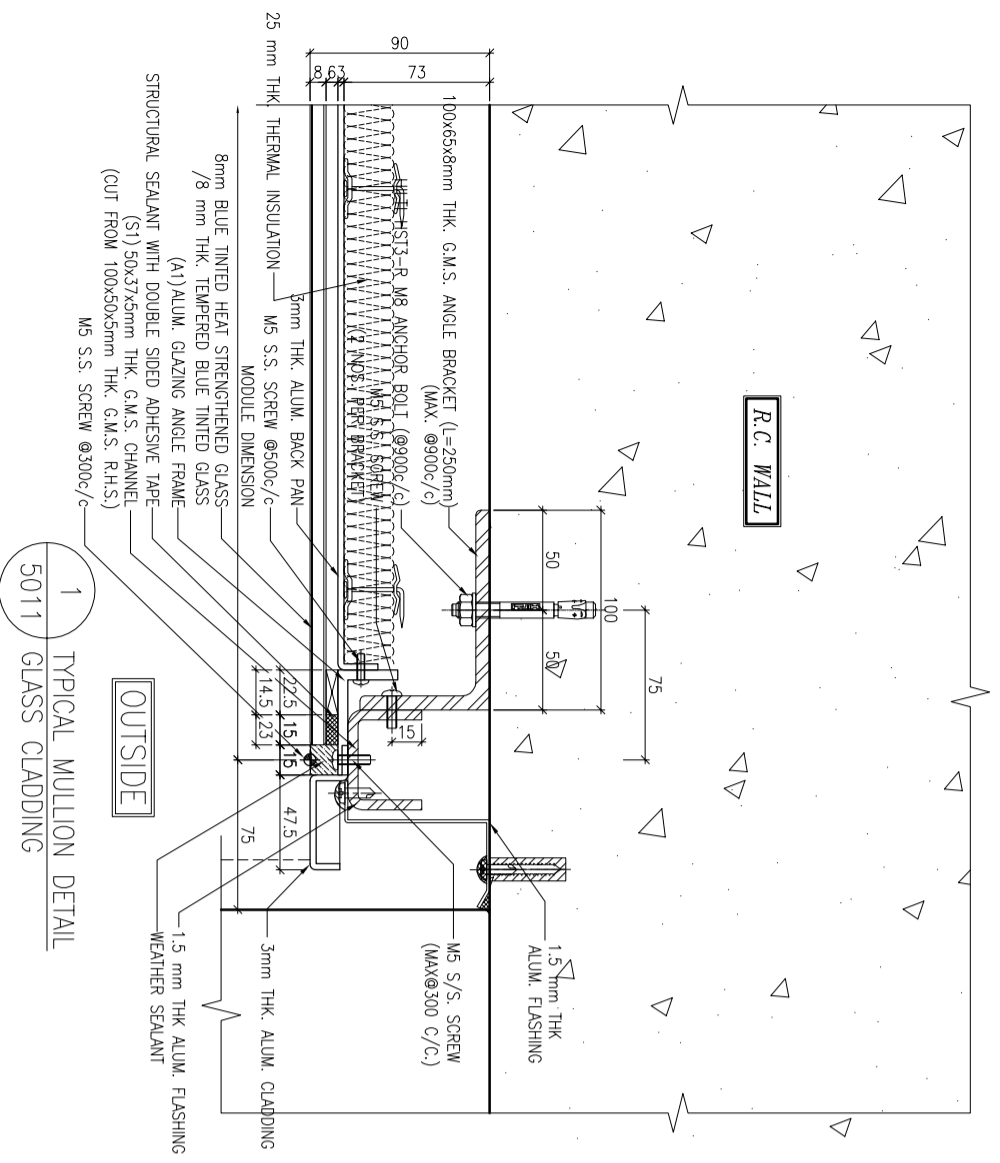


2 TYPICAL MULLION DETAIL
5010 GLASS CLADDING

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, Sunny Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27272766
DWG NO. : JB37-GC-5010



1 TYPICAL MULLION DETAIL
5011 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
ARCHITECTS & PLANNERS
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.
- (X00) --- REFER SHEET NO.
- 1. F.F.L. --- FINISHED FLOOR LEVEL.
- 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
- 3. (R) --- REVERSED DETAIL

NO.	DATE	REVISION

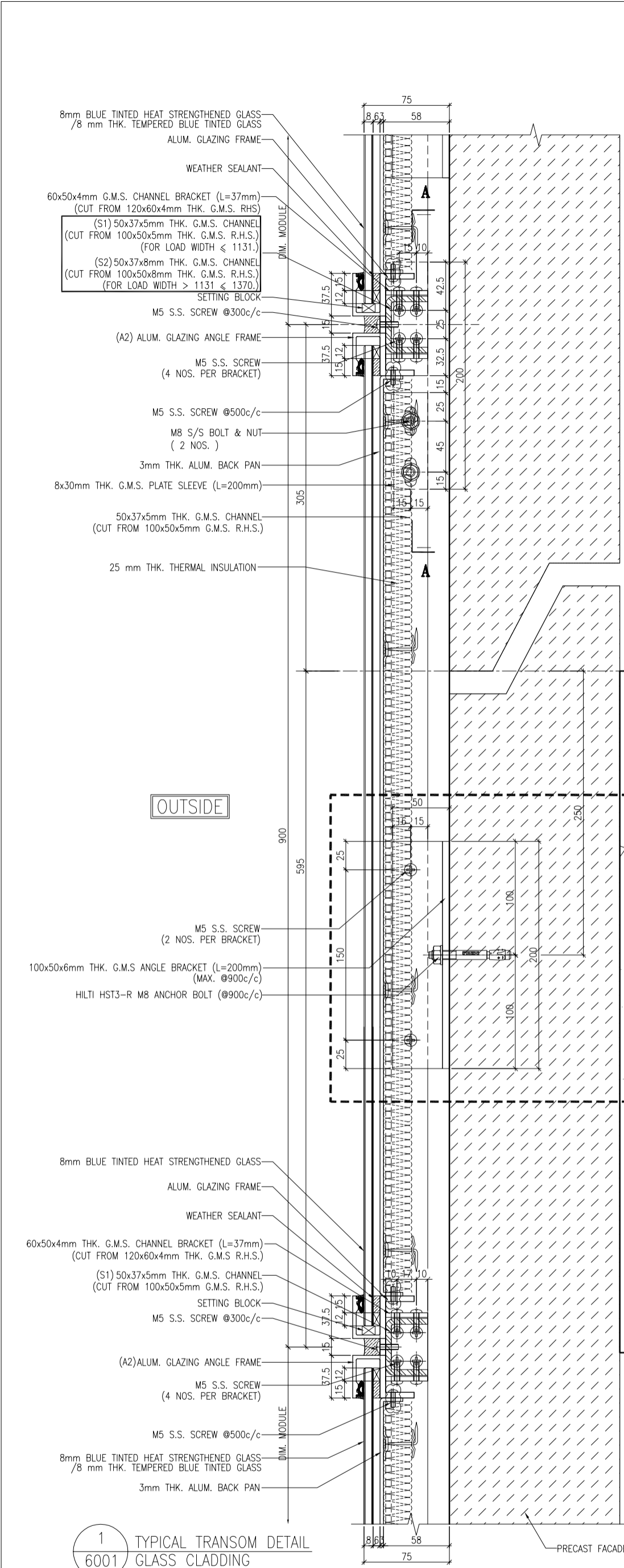
JOB NO. : J-837
PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWLOON

DATE : 15-Oct-18 SCALE : 1:2 (A1)
DRAWN BY : ASING CHECKED BY : -

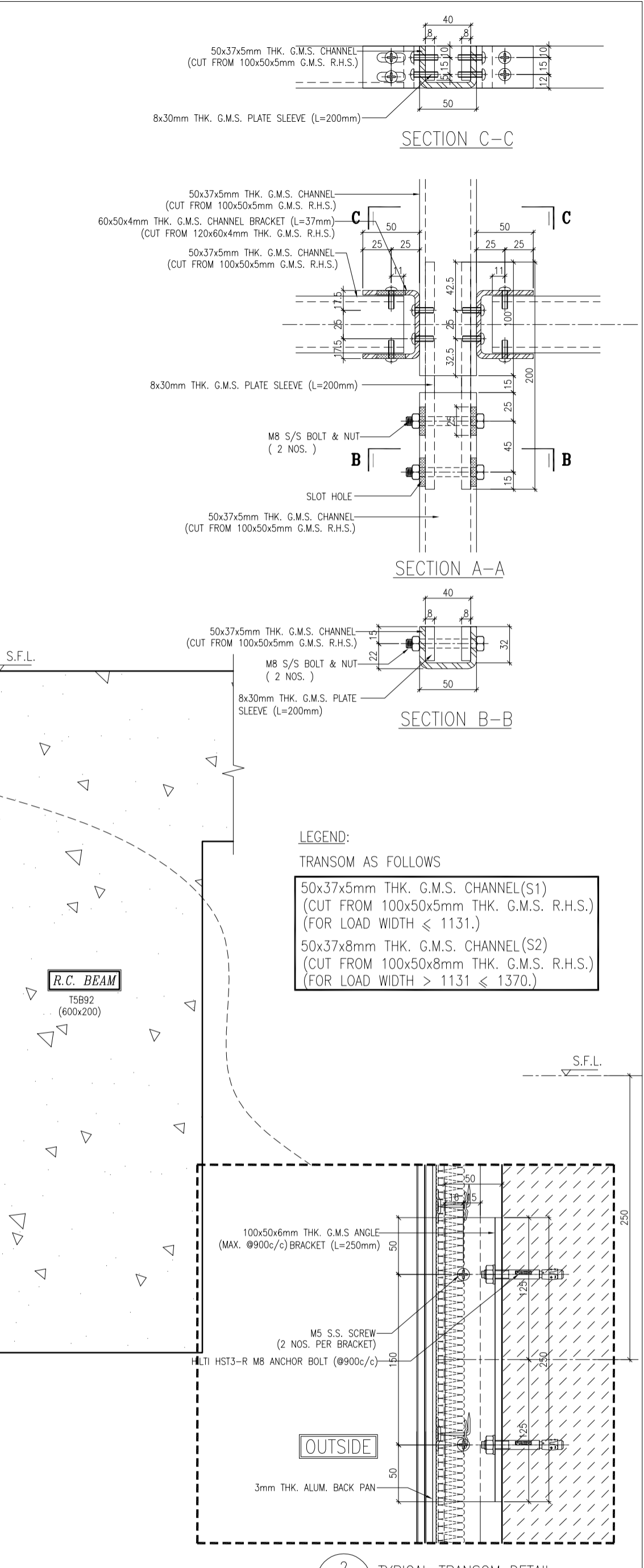
TITLE :
TYPICAL MULLION DETAIL
FOR GLASS CLADDING

UNITED ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunny Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27277666
DWG NO. : JB37-GC-5011 REV. : -

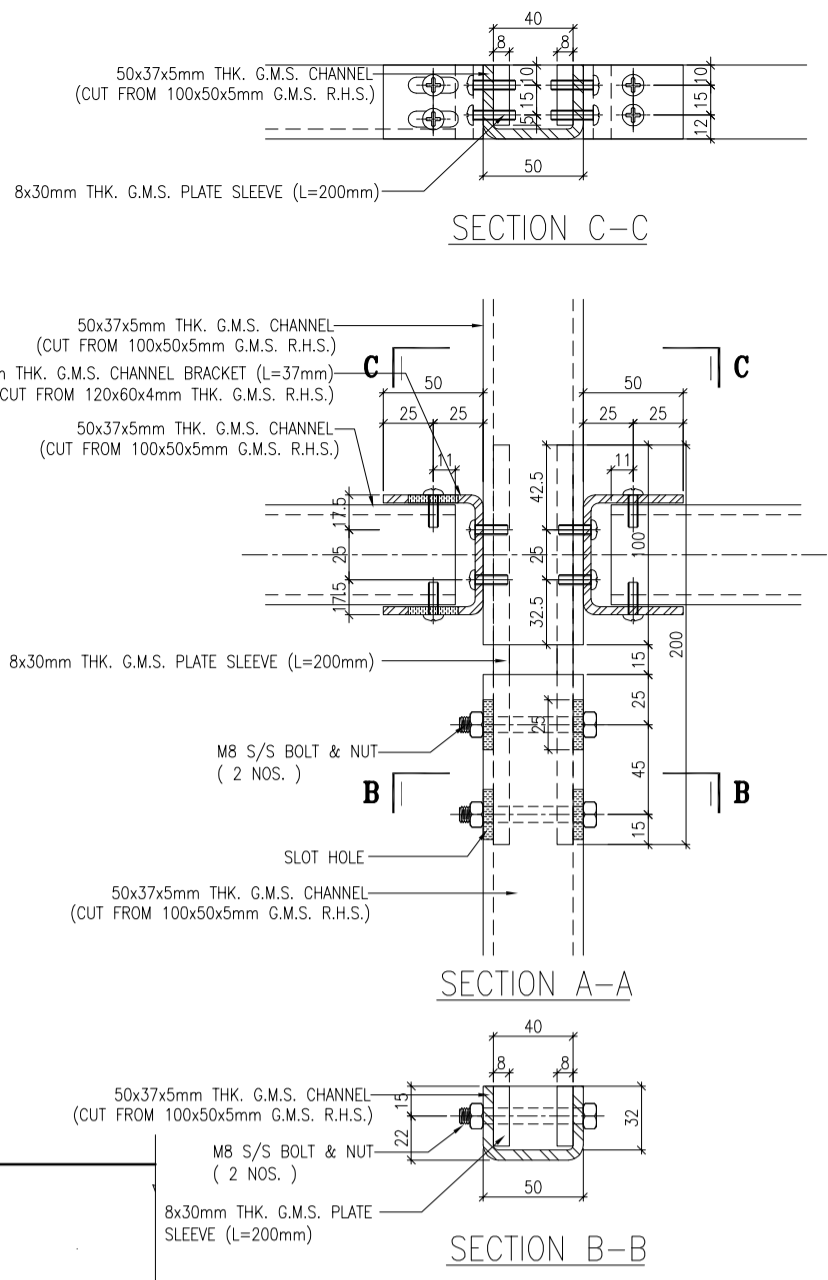
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.



1 TYPICAL TRANSOM DETAIL
6001 GLASS CLADDING



2 TYPICAL TRANSOM DETAIL
6001 GLASS CLADDING

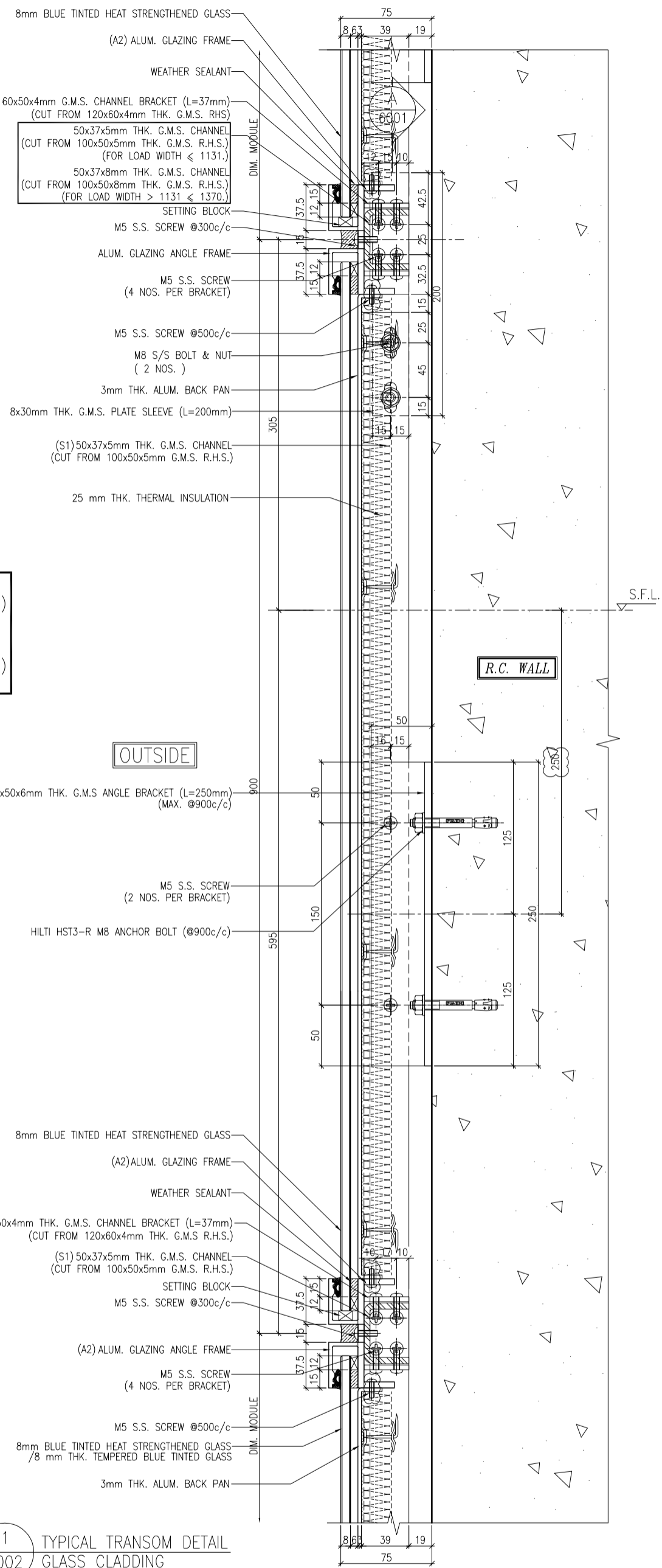


LEGEND:
TRANSOM AS FOLLOWS

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

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

<p>B.D. REF. :</p>		<p>CLIENT :</p> <p>信和置業有限公司 Sino Land Company Limited</p>		<p>ARCHITECT :</p> <p>WONG TUNG & PARTNERS LIMITED ARCHITECTS & PLANNERS</p>		<p>MAIN CONTRACTOR :</p> <p>CR Construction Company Limited</p>		<p>STRUCTURAL ENGINEER :</p> <p>AECOM</p>		<p>FAÇADE CONSULTANT :</p> <p>AECOM</p>																
<p>NOTE :</p> <p>1. ALL DIMENSIONS ARE IN mm.</p> <p>2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.</p> <p>3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.</p>																										
<p>LEGEND :</p> <p>(X1) --- DETAIL MARK NO.</p> <p>(X00) --- REFER SHEET NO.</p> <p>1. F.F.L. --- FINISHED FLOOR LEVEL</p> <p>2. S.F.L. --- STRUCTURAL FLOOR LEVEL</p> <p>3. (R) --- REVERSED DETAIL</p>																										
<p>JOB NO. : J-837</p> <p>PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLDOON</p> <p>TITLE : TYPICAL TRANSOM DETAIL FOR GLASS CLADDING</p> <p>DATE : 4-Sep-18 SCALE : 1:2 (A1)</p> <p>DRAWN BY : ASING CHECKED BY : -</p> <table border="1"> <tr> <td>C</td> <td>12/6/2019</td> <td>GENERAL REVISED</td> </tr> <tr> <td>B</td> <td>1/3/2019</td> <td>GENERAL REVISED</td> </tr> <tr> <td>A</td> <td>17/11/2018</td> <td>GENERAL REVISED</td> </tr> <tr> <td>W1</td> <td>DATE</td> <td>REVISION</td> </tr> <tr> <td>BR</td> <td></td> <td></td> </tr> </table>												C	12/6/2019	GENERAL REVISED	B	1/3/2019	GENERAL REVISED	A	17/11/2018	GENERAL REVISED	W1	DATE	REVISION	BR		
C	12/6/2019	GENERAL REVISED																								
B	1/3/2019	GENERAL REVISED																								
A	17/11/2018	GENERAL REVISED																								
W1	DATE	REVISION																								
BR																										
<p>UNITED ALUMINIUM FABRICATOR LTD.</p> <p>Units 6-8, Sunny Industrial Centre, 1/F 610 Cho Kwo Ling Road, Kowloon Tel: 23489211-4 Fax: (852) 27277666</p> <p>DWG NO. : JB37-GC-6001 REV. : C</p>																										



LEGEND:

TRANSOM AS FOLLOWS

- 50x37x5mm THK. G.M.S. CHANNEL(S1)
(CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH ≤ 1131.)
- 50x37x8mm THK. G.M.S. CHANNEL(S2)
(CUT FROM 100x50x8mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH > 1131 ≤ 1370.)

1
6002 TYPICAL TRANSOM 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 :

STRUCTURAL ENGINEER :
CR Construction Company Limited

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 :
① -- DETAIL MARK NO.
② -- REFER SHEET NO.
③ -- FINISHED FLOOR LEVEL
④ -- STRUCTURAL FLOOR LEVEL
⑤ -- REVERSED DETAIL

B	12/6/2019	GENERAL REVISED
A	17/11/2018	GENERAL REVISED
W1	DATE	REVISION
BR		

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

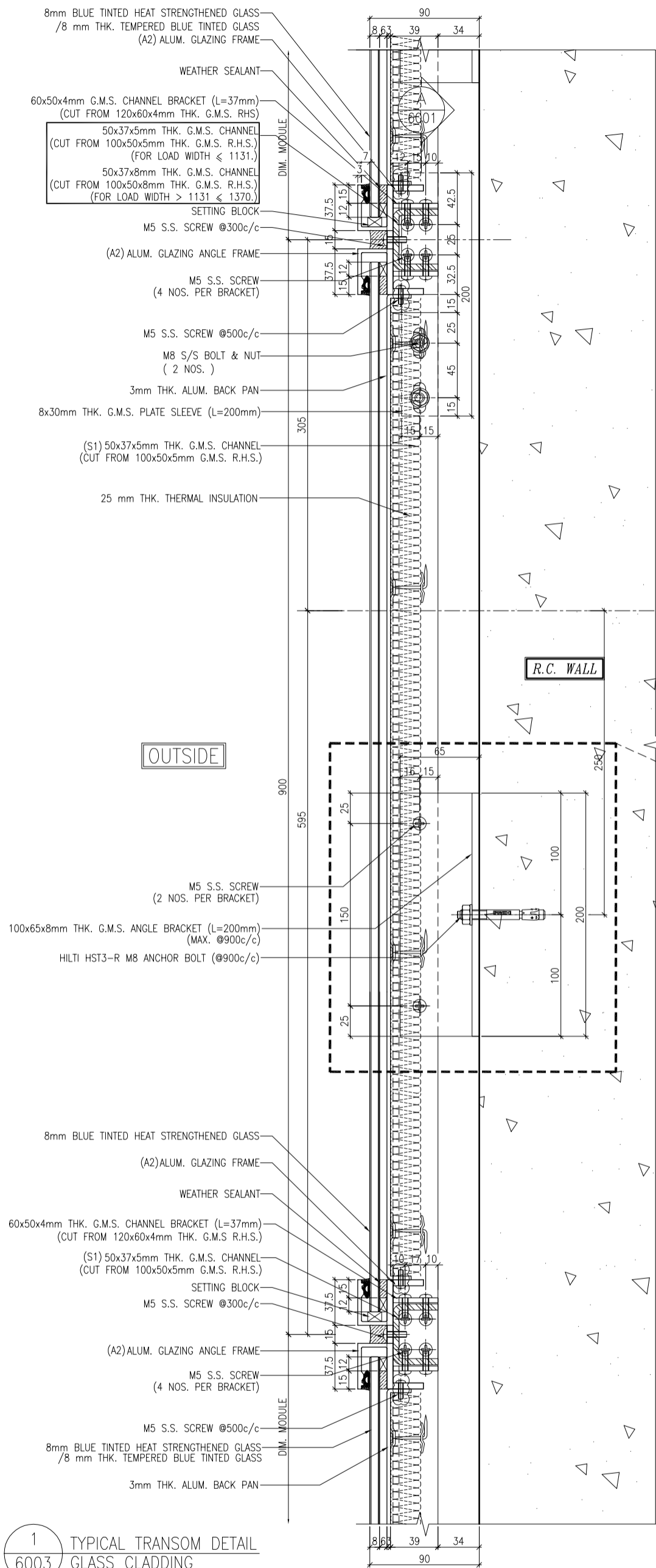
TITLE :
TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

DATE : 4-Sep-18 SCALE : 1:2 (A1)
DRAWN BY : ASING CHECKED BY : -
美特鋁質有限公司
ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunny Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kwloon
Tel:23489211-4 Fax:(852)27277666
DWG NO. : J837-GC-6002 REV. : B

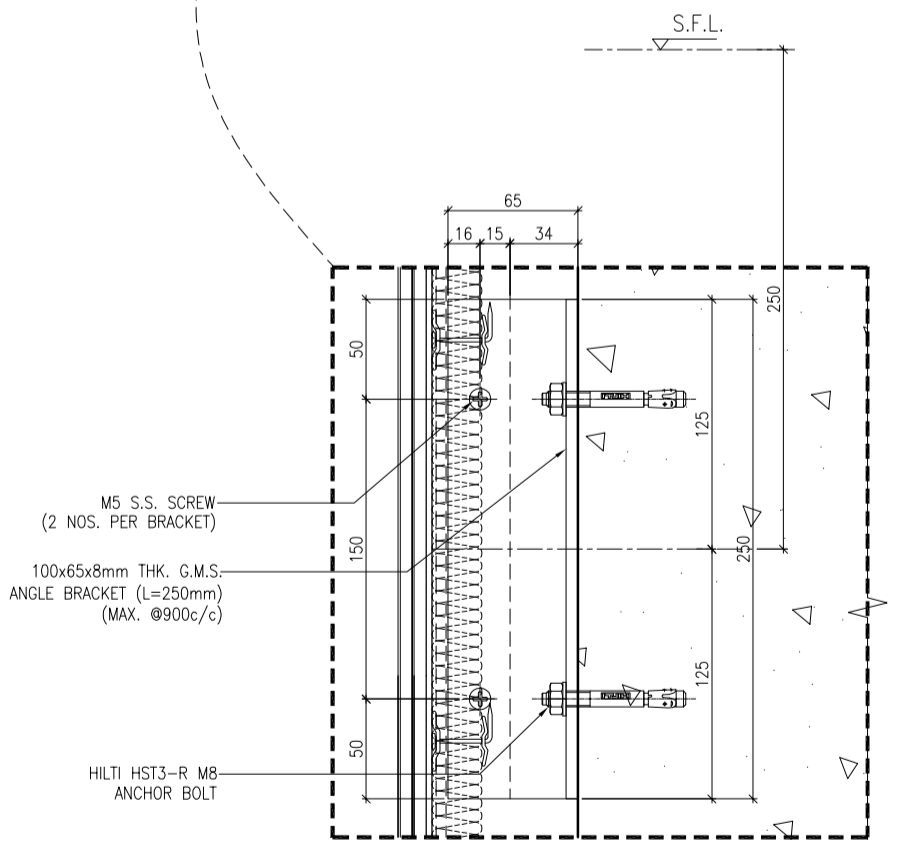
LEGEND:

TRANSOM AS FOLLOWS

- 50x37x5mm THK. G.M.S. CHANNEL(S1)
(CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH ≤ 1131.)
- 50x37x8mm THK. G.M.S. CHANNEL(S2)
(CUT FROM 100x50x8mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH > 1131 < 1370.)

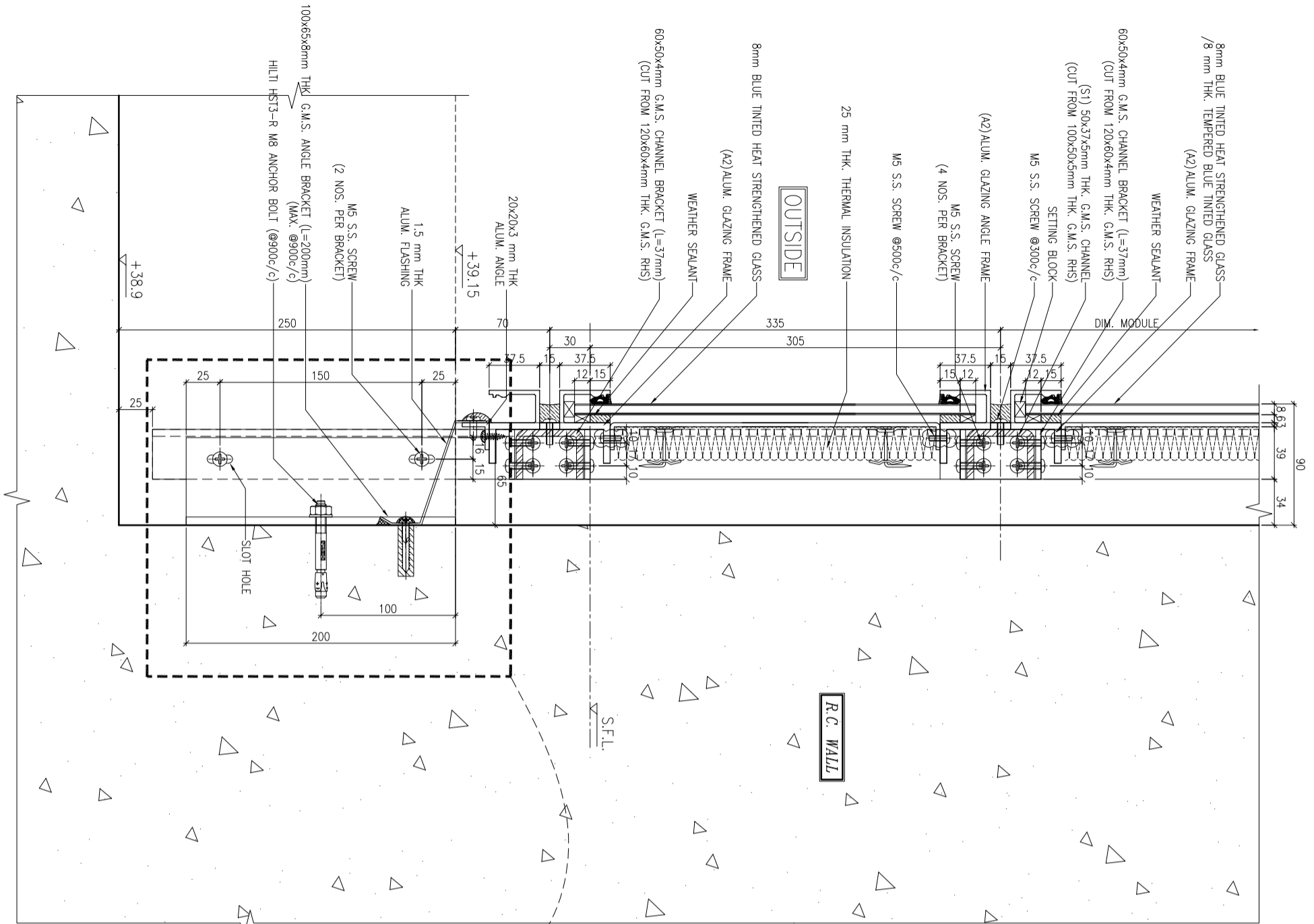


1 TYPICAL TRANSOM DETAIL
6003 GLASS CLADDING

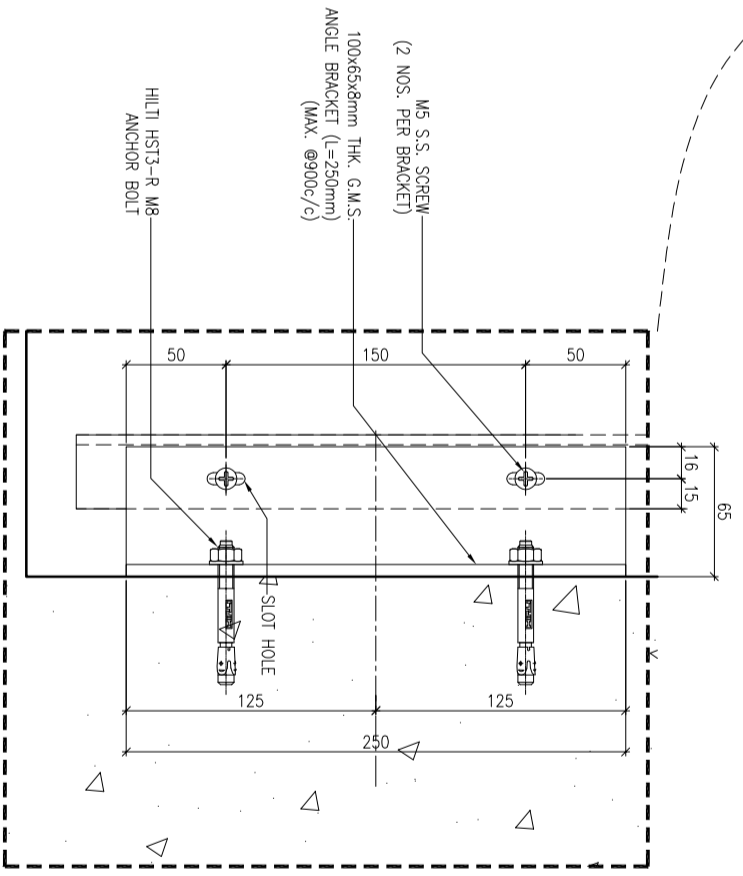


2 TYPICAL TRANSOM DETAIL
6003 GLASS CLADDING

<p>B.D. REF. :</p>	
<p>CLIENT : 信和置業有限公司 Sino Land Company Limited</p>	
<p>ARCHITECT : WONG TUNG & PARTNERS LIMITED ARCHITECTS & PLANNERS</p>	
<p>MAIN CONTRACTOR : CR Construction Company Limited</p>	
<p>STRUCTURAL ENGINEER : AECOM</p>	
<p>FAÇADE CONSULTANT : AECOM</p>	
<p>NOTE : 1. ALL DIMENSIONS ARE IN mm. 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE. 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.</p>	
<p>LEGEND : ① -- DETAIL MARK NO. ② -- REFER SHEET NO. ③ -- F.F.L. -- FINISHED FLOOR LEVEL ④ -- S.F.L. -- STRUCTURAL FLOOR LEVEL ⑤ -- REVERSED DETAIL</p>	
<p>JOB NO. : J-837</p>	<p>DATE : 12/6/2019 GENERAL REVISED</p>
<p>DATE : 17/11/2018 GENERAL REVISED</p>	<p>DATE : 17/11/2018 GENERAL REVISED</p>
<p>PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLDOON</p>	
<p>TITLE : TYPICAL TRANSOM DETAIL FOR GLASS CLADDING</p>	
<p>DATE : 4-Sep-18 SCALE : 1:2 (A1)</p>	
<p>DRAWN BY : ASING CHECKED BY : -</p>	
<p>Units 6-8, Sunroy Industrial Centre, 1/F 610 Cho Kwo Ling Road, Kowloon Tel: 23489211-4 Fax: (852) 27277666</p>	
<p>REV. : B</p>	



1 TYPICAL TRANSOM DETAIL
6004 GLASS CLADDING



2 TYPICAL TRANSOM DETAIL
6004 GLASS CLADDING

LEGEND:
TRANSOM AS FOLLOWS
50x37x5mm THK. G.M.S. CHANNEL (S1)
(CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH ≤ 1131.)
50x37x8mm THK. G.M.S. CHANNEL (S2)
(CUT FROM 100x50x8mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH > 1131 ≤ 1370.)

B.D. REF. :

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

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

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.
 (X00) --- REFER SHEET NO.
 1. F.F.L. --- FINISHED FLOOR LEVEL
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 3. (R) --- REVERSED DETAIL

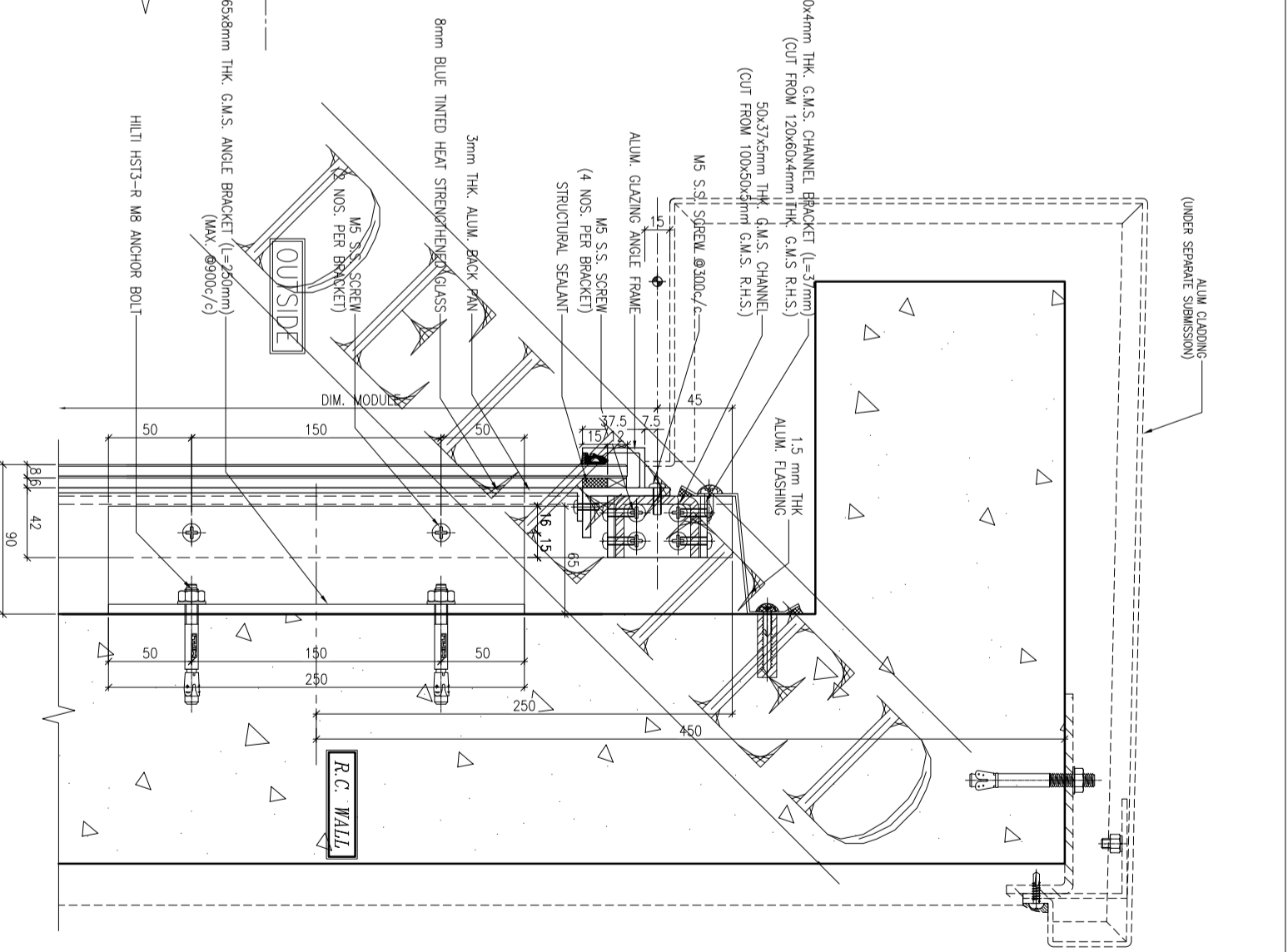
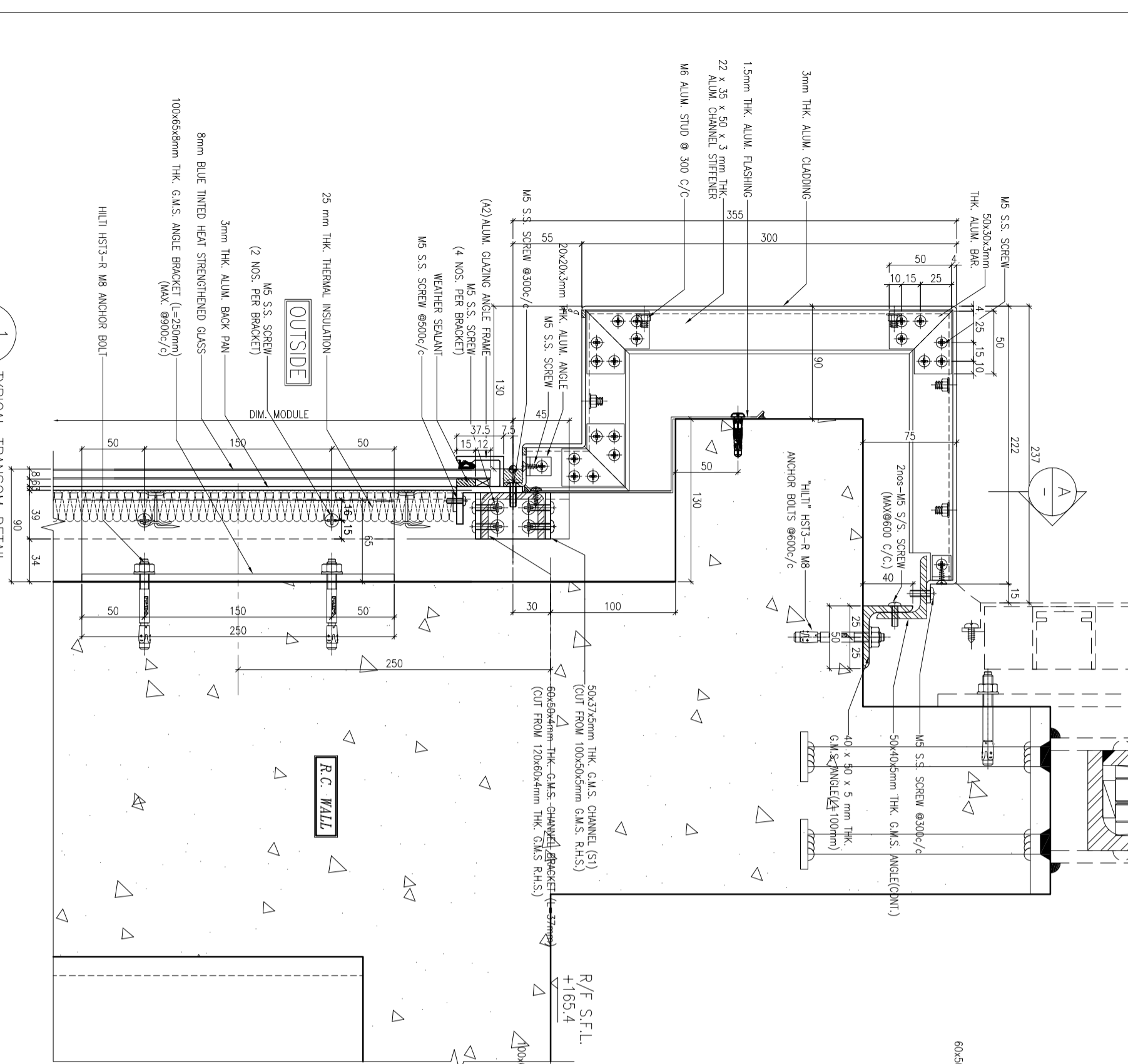
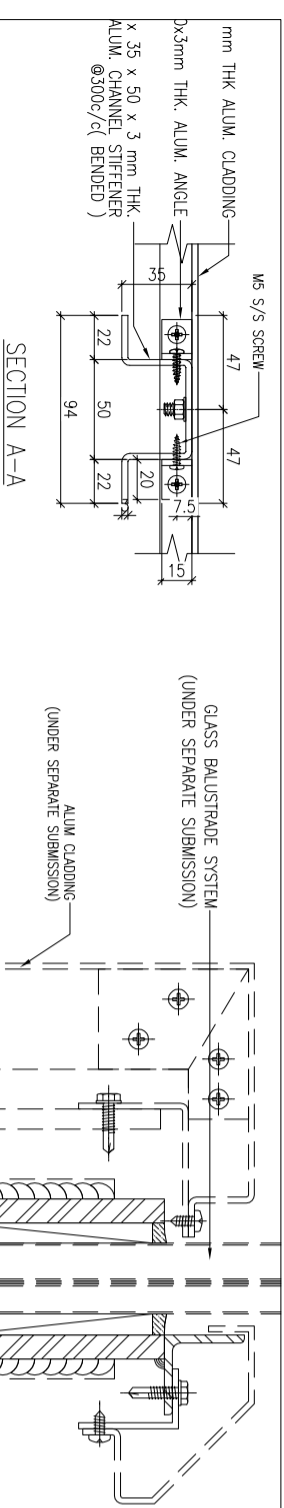
NO.	DATE	REVISION
B	12/6/2019	GENERAL REVISED
A	17/11/2018	GENERAL REVISED
W1		

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, Sunroy Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)272727666
DWG NO. : J837-GC-6004 REV. : B



LEGEND:

TRANSSOM AS FOLLOWS

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

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

1 TYPICAL TRANSOM DETAIL
6005 GLASS CLADDING

2 TYPICAL TRANSOM DETAIL
6005 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

FAÇADE CONSULTANT :
AECOM

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.
 (X00) --- REFER SHEET NO.
 1. F.F.L. --- FINISHED FLOOR LEVEL.
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 3. (R) --- REVERSED DETAIL.

B	12/6/2019	GENERAL REVISED
A	17/11/2018	GENERAL REVISED
W1	DATE	REVISION
BR		

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

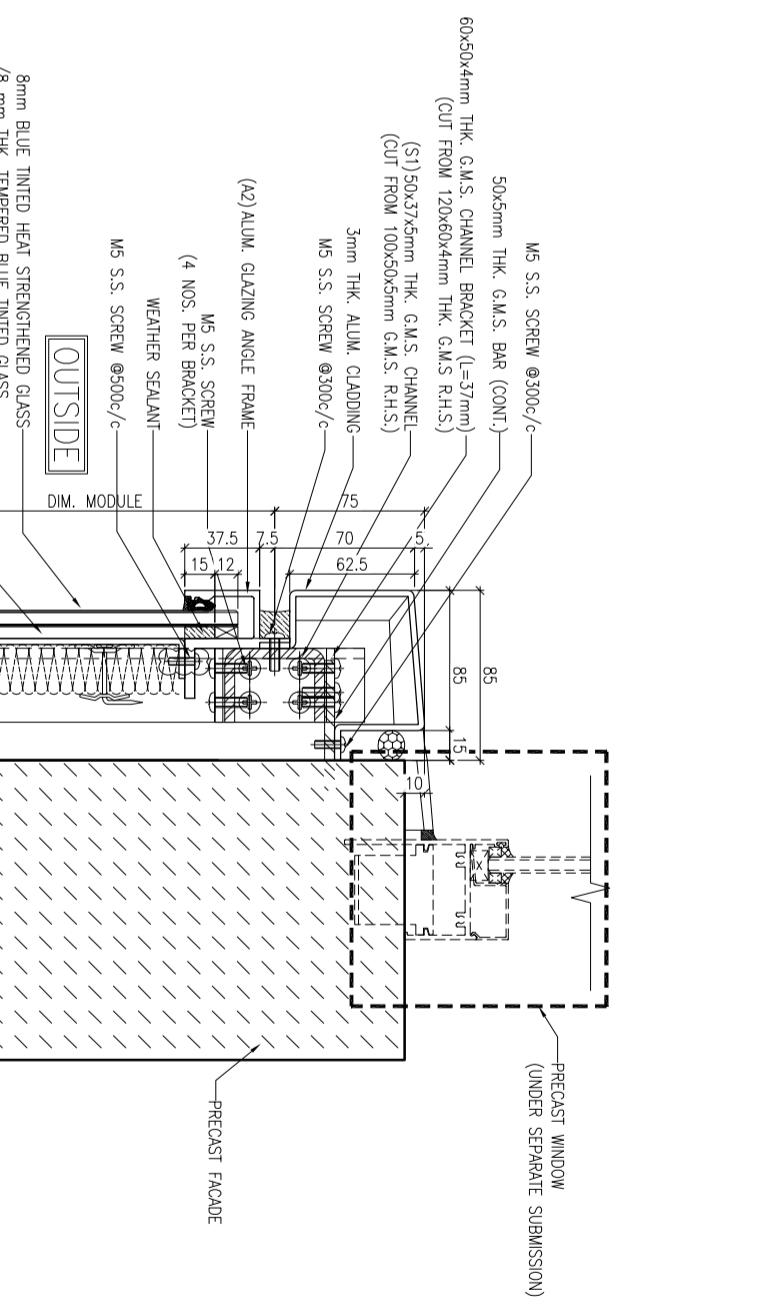
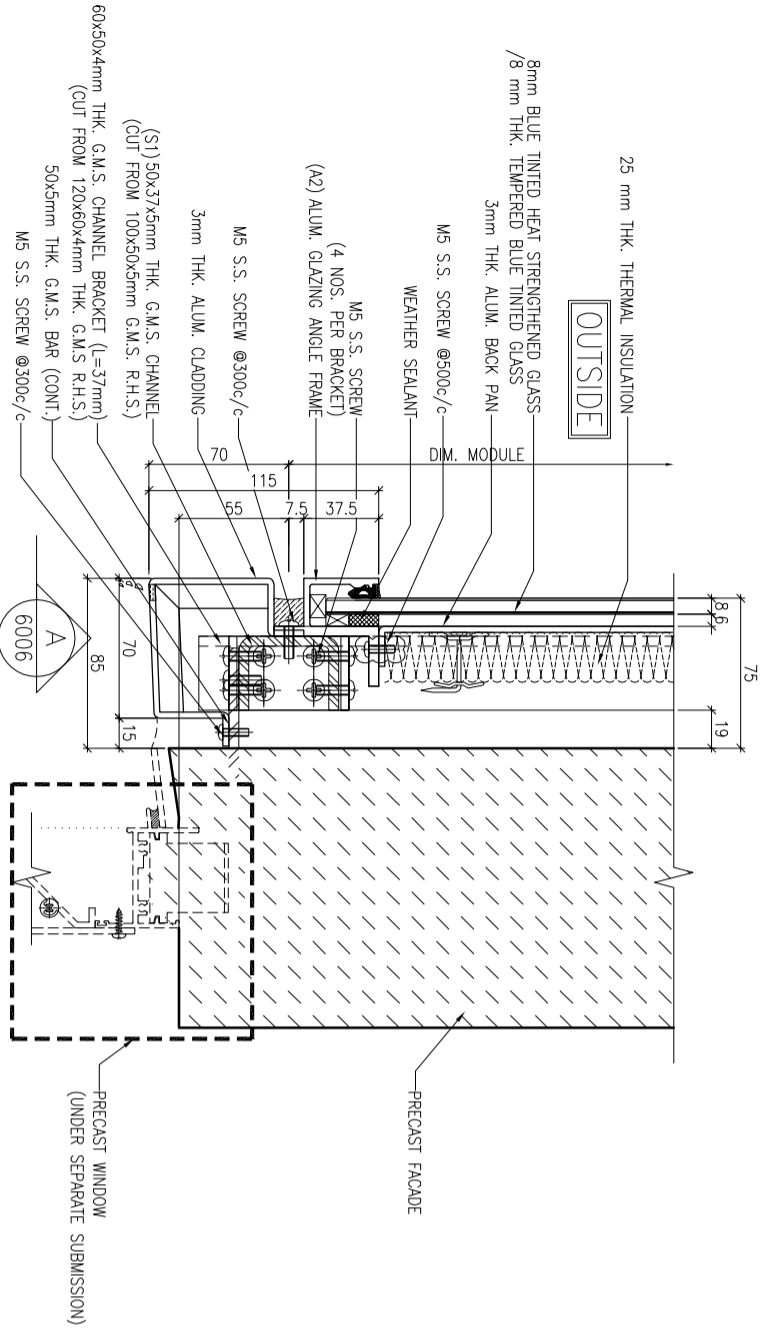
DATE : 4-Sep-18 SCALE : 1:2 (A1)

DRAWN BY : ASING CHECKED BY : -

Units 6-8, Sunmy Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kwloon
Tel:23489211-4 Fax:(852)27277666

美特铝质有限公司
ALUMINIUM FABRICATOR LTD.

DWG NO. : JB37-GC-6005 REV. : B

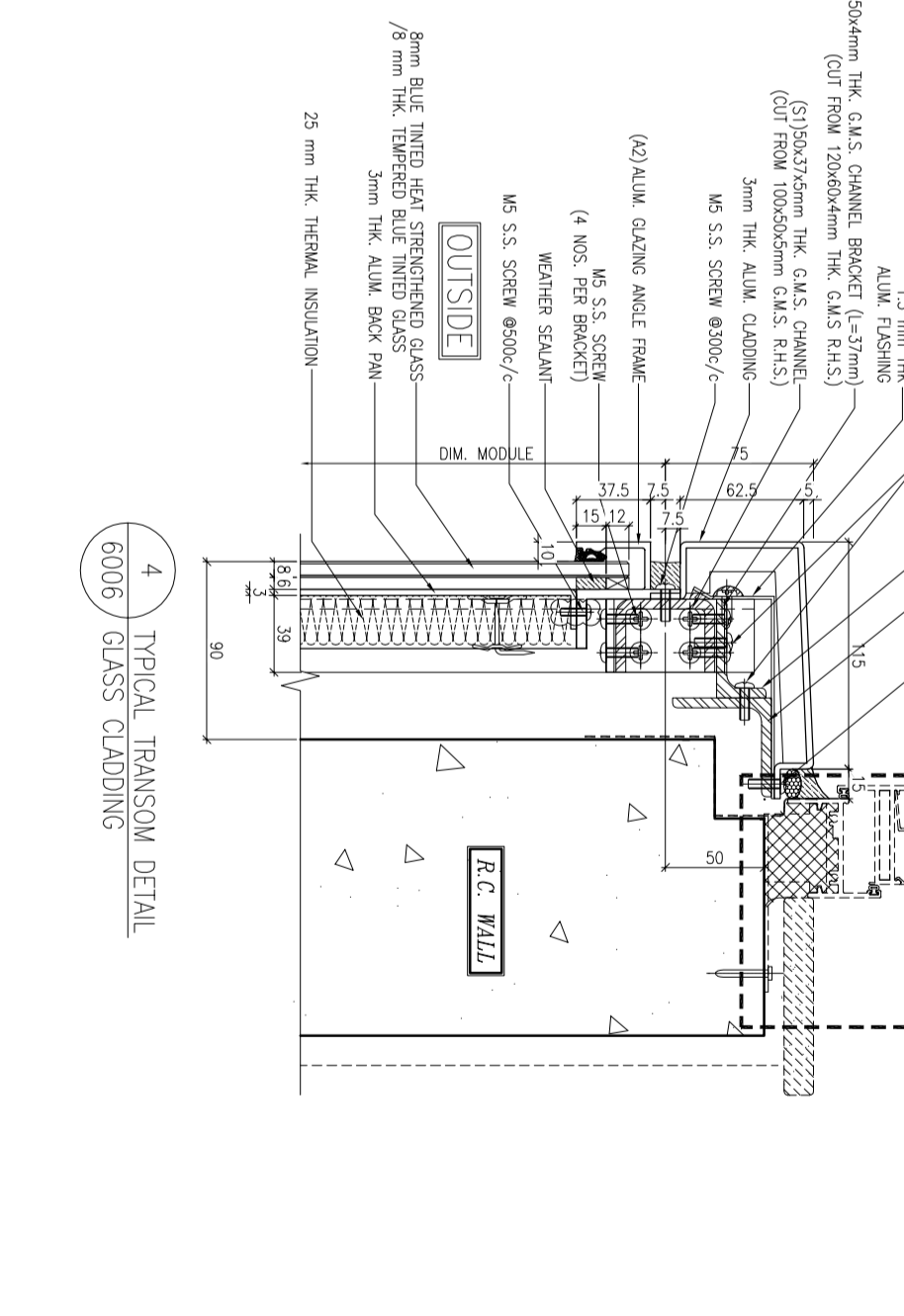
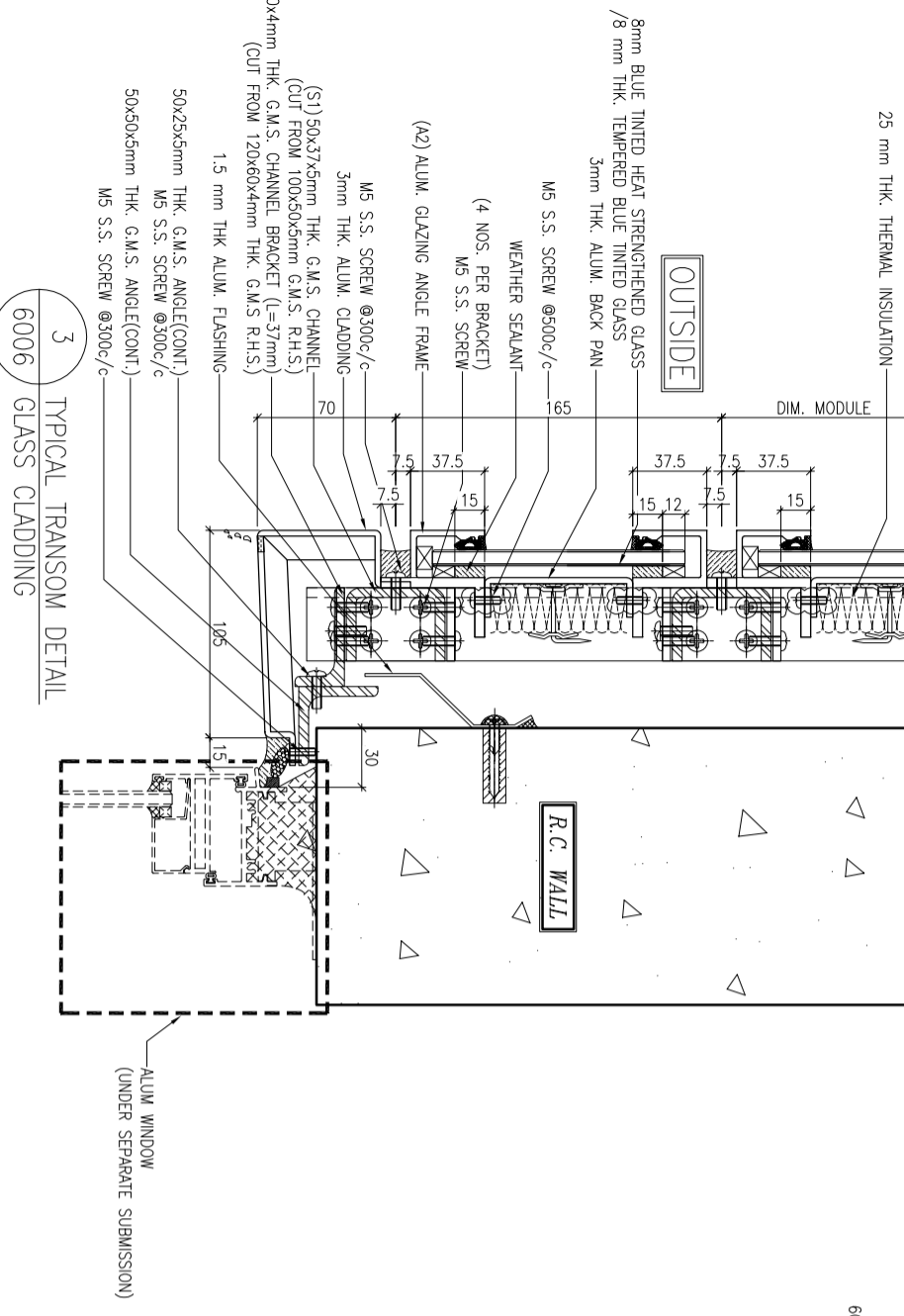
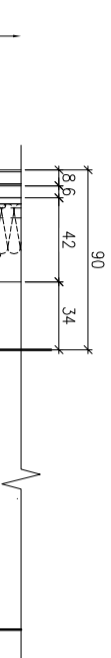


1 TYPICAL TRANSOM DETAIL
6006 GLASS CLADDING

2 TYPICAL TRANSOM DETAIL
6006 GLASS CLADDING

LEGEND:
TRANSOM AS FOLLOWS
50x37x5mm THK. G.M.S. CHANNEL(S1)
(CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH ≤ 1131.)
50x37x8mm THK. G.M.S. CHANNEL(S2)
(CUT FROM 100x50x8mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH > 1131 ≤ 1370.)

A PLAN VIEW
6006 GLASS CLADDING



3 TYPICAL TRANSOM DETAIL
6006 GLASS CLADDING

4 TYPICAL TRANSOM DETAIL
6006 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
WTF

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM
FAÇADE CONSULTANT:
AECOM

NOTE :
1. ALL DIMENSIONS ARE IN mm.
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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	REVISION
C	12/6/2019	GENERAL REVISED
B	1/3/2019	GENERAL REVISED
A	17/11/2018	GENERAL REVISED

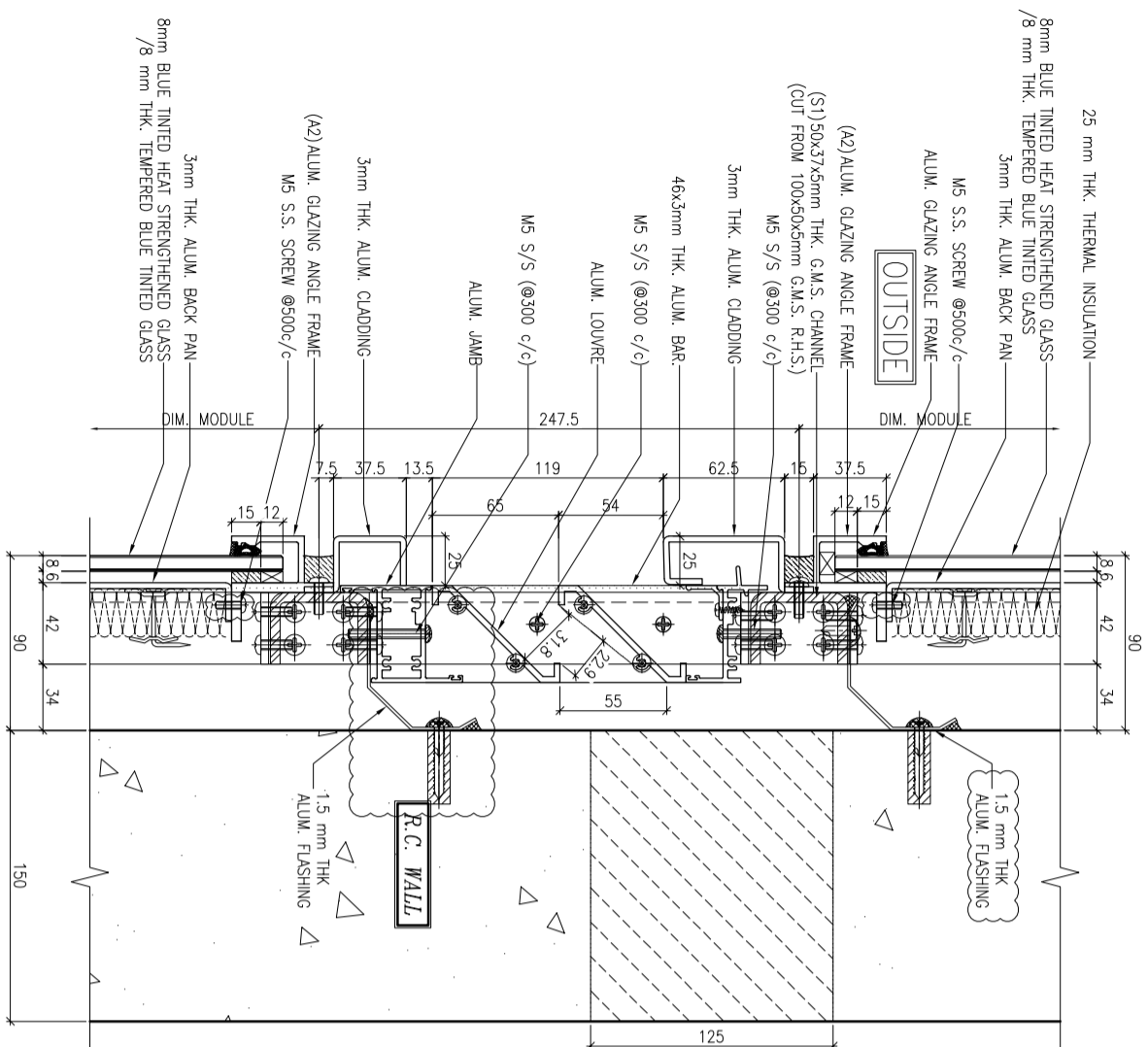
JOB NO. : J-837

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

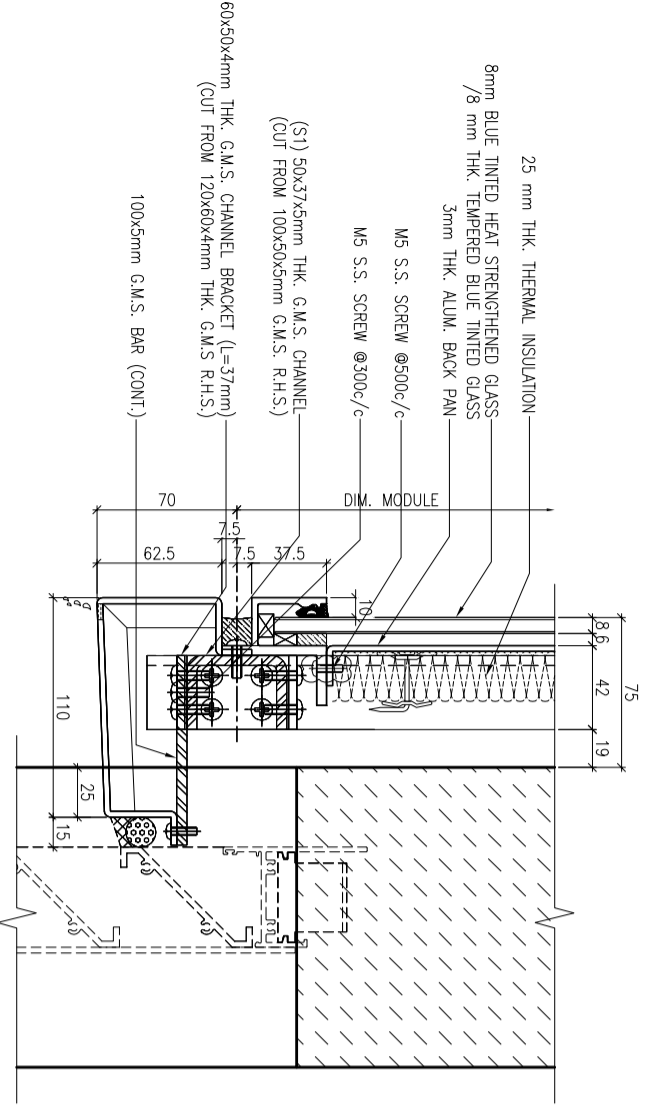
TITLE :
TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

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

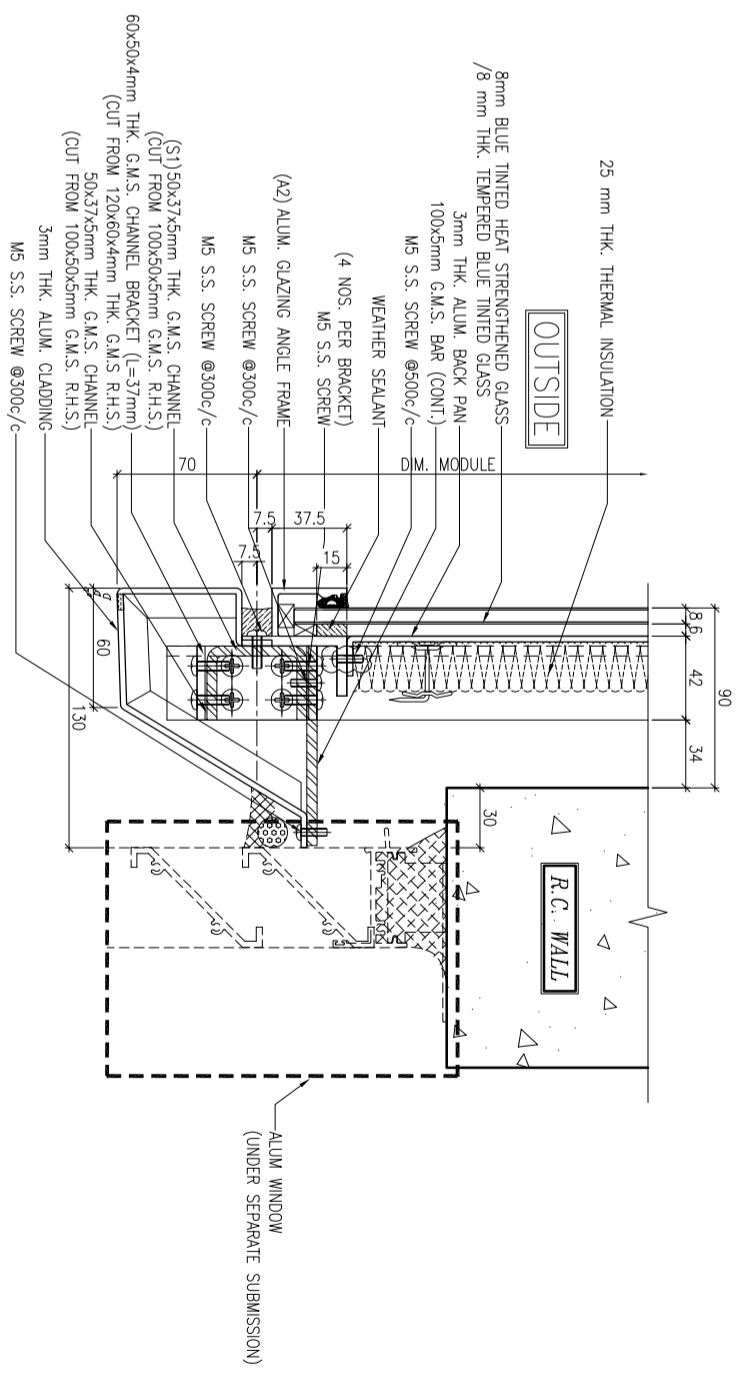
UNITED ALUMINIUM FABRICATOR LTD.
MIDI 美特鋁質有限公司
Units 6-8, Sunroy Industrial Centre, 1/F
610 Cho Kwong Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27272666
DWG NO. : JB37-GC-6006 REV. : C



1 TYPICAL TRANSOM DETAIL
6007 GLASS CLADDING



3 TYPICAL TRANSOM DETAIL
6007 GLASS CLADDING



2 TYPICAL TRANSOM DETAIL
6007 GLASS CLADDING

LEGEND:

TRANSOM AS FOLLOWS

- 50x37x5mm THK. G.M.S. CHANNEL(S1)
(CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH ≤ 1131.)
- 50x37x8mm THK. G.M.S. CHANNEL(S2)
(CUT FROM 100x50x8mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH > 1131 ≤ 1370.)

B.D. REF :

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

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

FAÇADE CONSULTANT:
AECOM

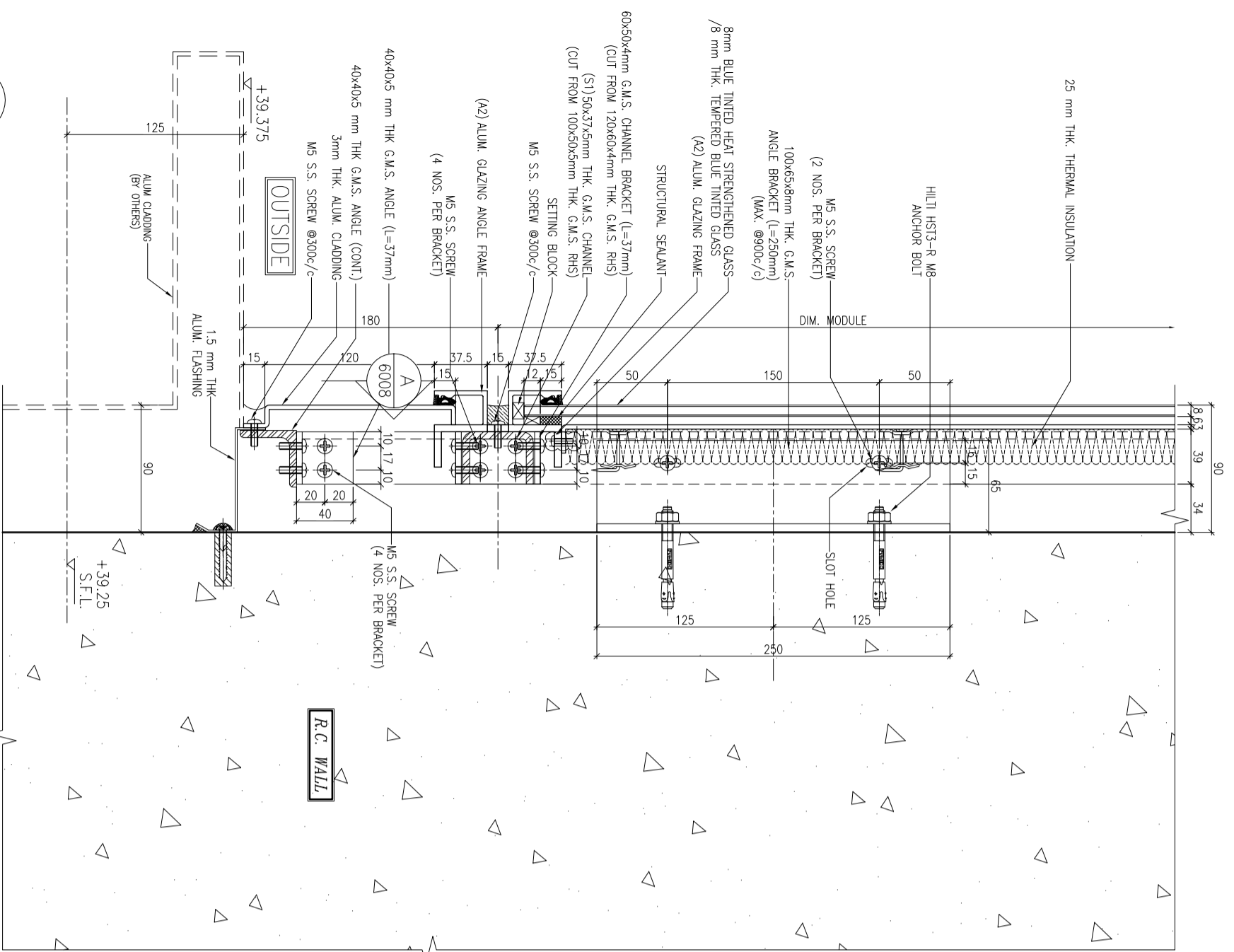
NOTE :
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

LEGEND :
 (X1) --- DETAIL MARK NO.
 (X00) --- REFER SHEET NO.
 1. F.F.L. --- FINISHED FLOOR LEVEL.
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 3. (R) --- REVERSED DETAIL.

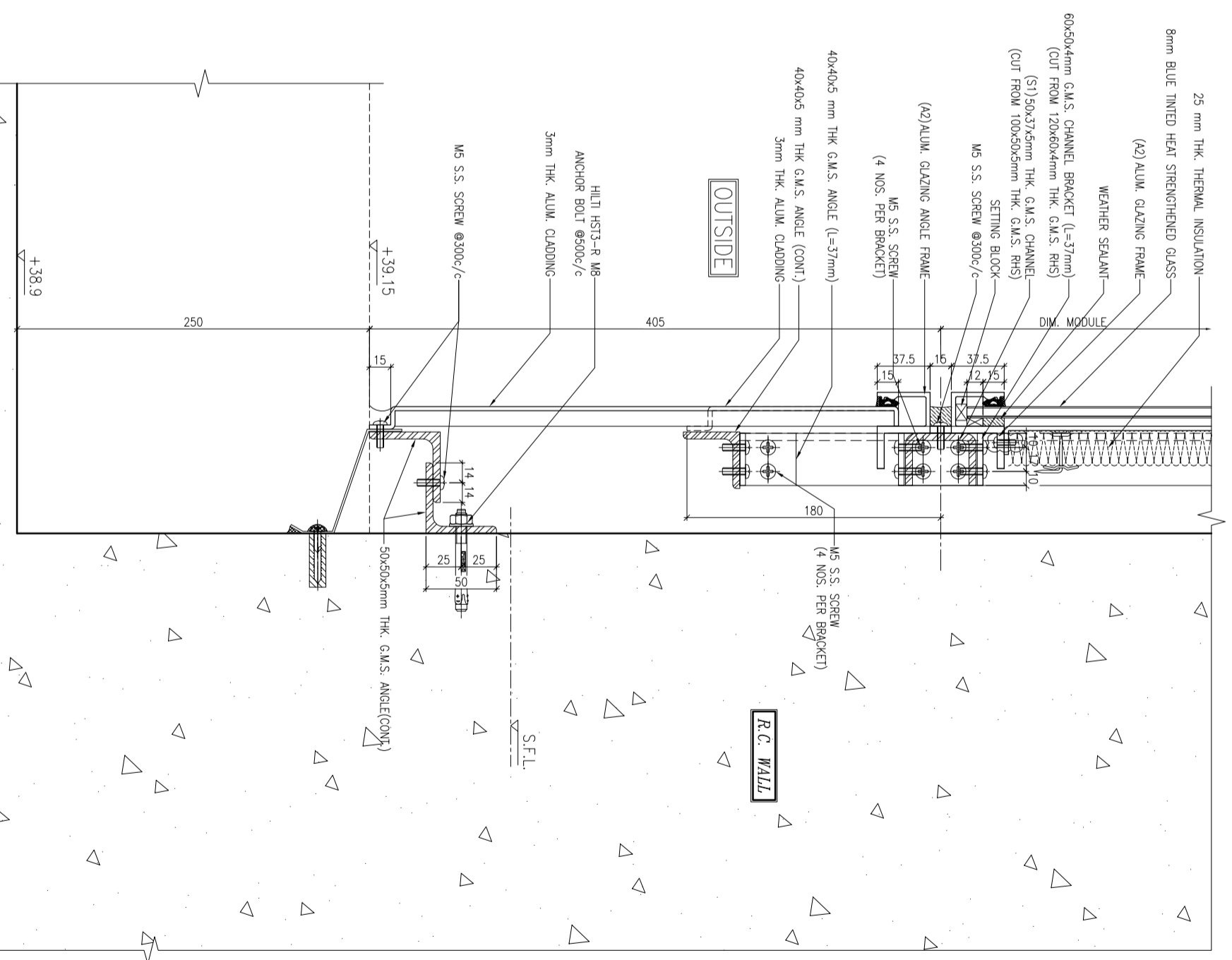
JOB NO. :	J-837
PROJECT :	URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON
TITLE :	TYPICAL TRANSOM DETAIL FOR GLASS CLADDING

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

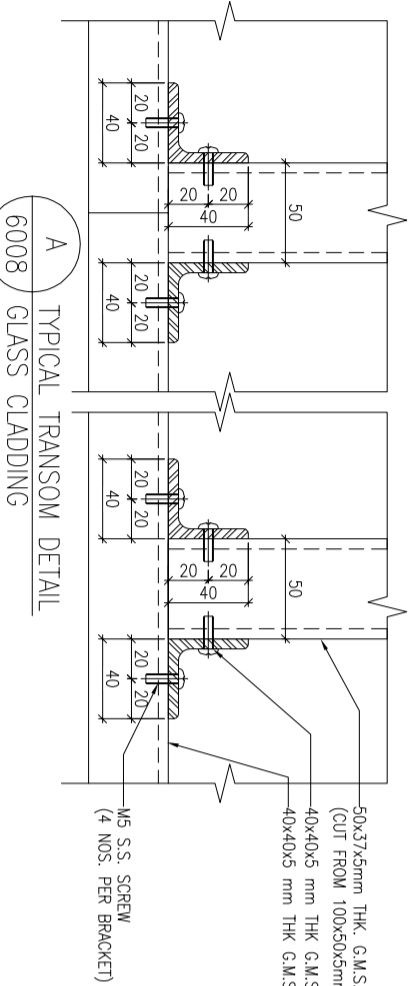
美特鋁質有限公司
ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunny Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kwloon
Tel: 23489211-4 Fax: (852) 27277666
DWG NO. : JB37-GC-6007 REV. : A



1 TYPICAL TRANSOM DETAIL
6008 GLASS CLADDING



2 TYPICAL TRANSOM DETAIL
6008 GLASS CLADDING



A TYPICAL TRANSOM DETAIL
6008 GLASS CLADDING

LEGEND:

TRANSOM AS FOLLOWS

- 50x37x5mm THK. G.M.S. CHANNEL (S1) (CUT FROM 100x50x5mm THK. G.M.S. R.H.S.) (FOR LOAD WIDTH ≤ 1131.)
- 50x37x8mm THK. G.M.S. CHANNEL (S2) (CUT FROM 100x50x8mm THK. G.M.S. R.H.S.) (FOR LOAD WIDTH > 1131 ≤ 1370.)

B.D. REF :

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

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

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.
- (X00) --- REFER SHEET NO.
- 1. F.F.L. --- FINISHED FLOOR LEVEL
- 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
- 3. (R) --- REVERSED DETAIL

NO	DATE	GENERAL	REVISED
A	12/6/2019		

JOB NO. : J-837

PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWL00N

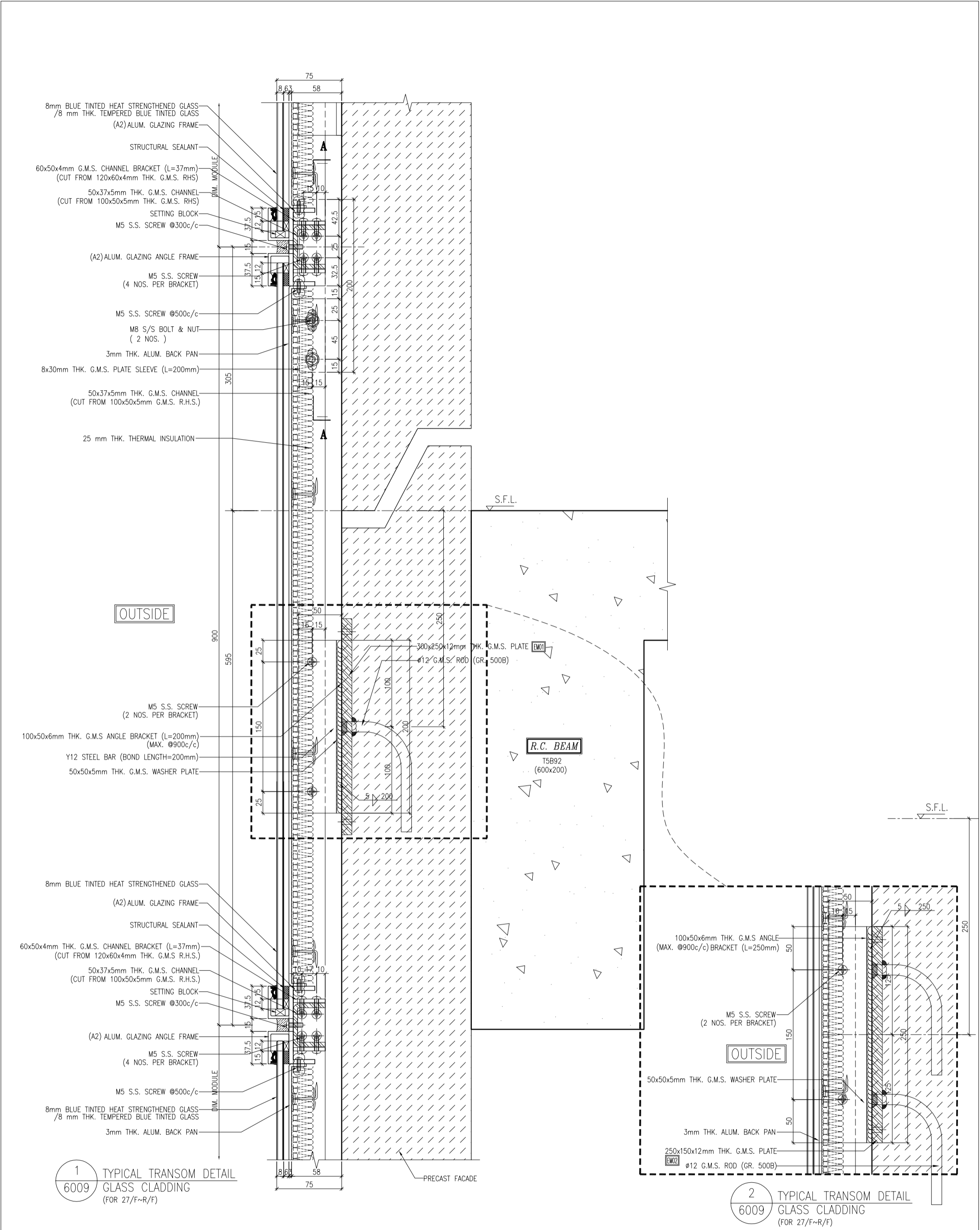
TITLE :
TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

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

DRAWN BY : ASING CHECKED BY : -

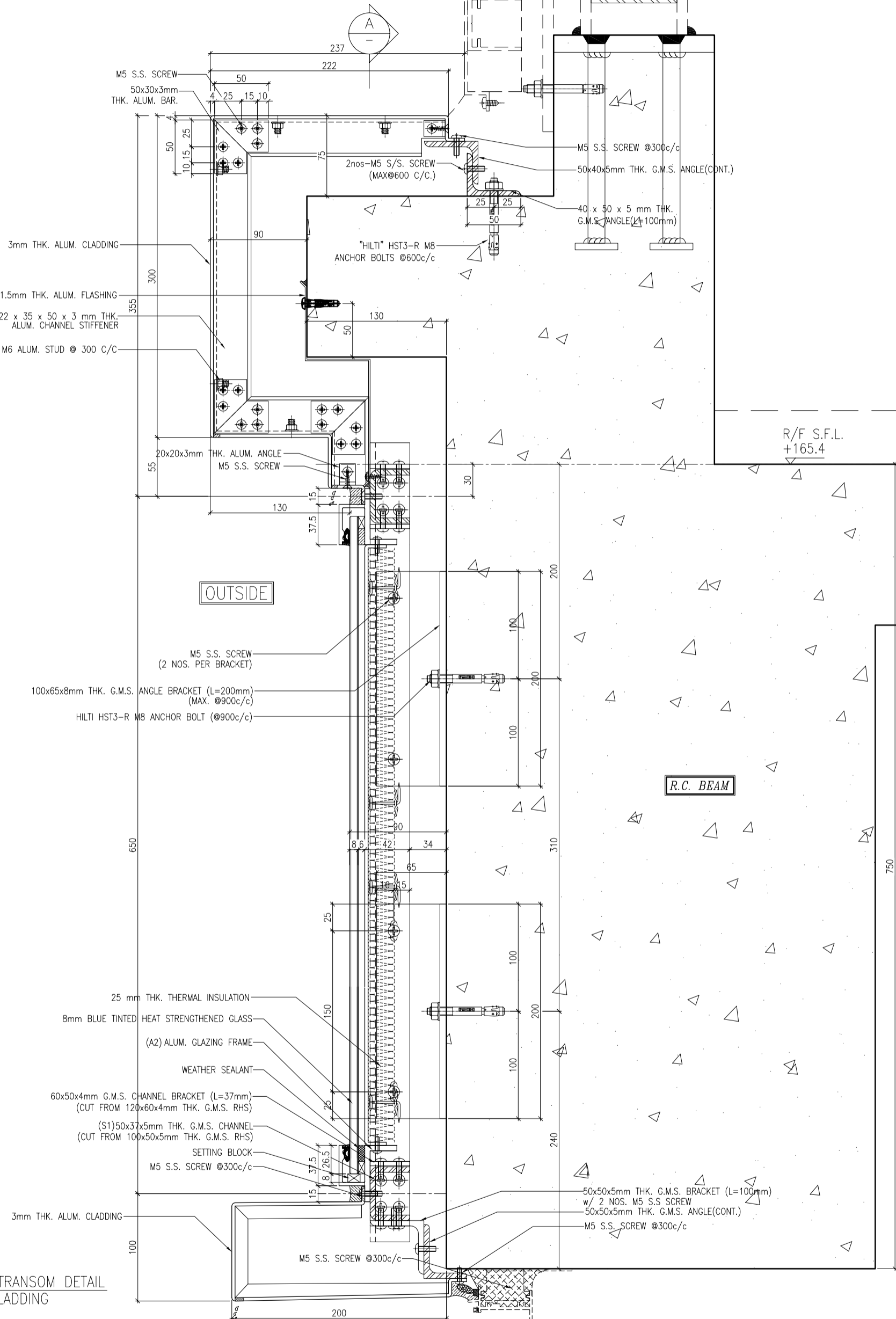
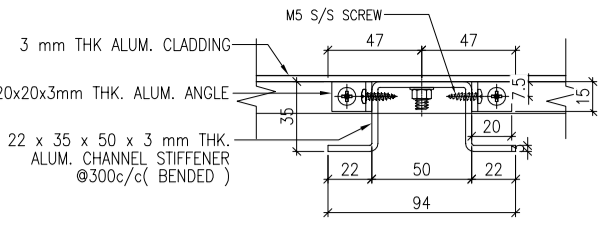
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunny Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kwloon
Tel:23489211-4 Fax:(852)2727666

DWG NO. : JB37-GC-6008 REV. : A



<p>B.D. REF. :</p>	<p>CLIENT : 信和置業有限公司 Sino Land Company Limited</p> <p>ARCHITECT : WONG TUNG & PARTNERS LIMITED ARCHITECTS & PLANNERS</p> <p>MAIN CONTRACTOR : CR Construction Company Limited</p> <p>STRUCTURAL ENGINEER : AECOM</p> <p>FAÇADE CONSULTANT : AECOM</p>	<p>NOTE : 1. ALL DIMENSIONS ARE IN mm. 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE. 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.</p> <p>LEGEND : (X1) --- DETAIL MARK NO. (X00) --- REFER SHEET NO. 1. F.F.L. --- FINISHED FLOOR LEVEL 2. S.F.L. --- STRUCTURAL FLOOR LEVEL 3. (R) --- REVERSED DETAIL</p>	<p>JOB NO. : J-837</p> <p>PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLDOON</p> <p>TITLE : TYPICAL TRANSOM DETAIL FOR GLASS CLADDING</p> <p>DATE : 4-Sep-18 SCALE : 1:2 (A1)</p> <p>DRAWN BY : ASING CHECKED BY : -</p> <p>Units 6-8, Sunroy Industrial Centre, 1/F 610 Cho Kwo Ling Road, Kowloon Tel: 23489211-4 Fax: (852) 272727666 DWG NO. : JB37-GC-6009 REV. : A</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>12/6/2019</td> <td>GENERAL REVISED</td> </tr> <tr> <td>BR</td> <td></td> <td></td> </tr> </tbody> </table>	NO.	DATE	REVISION	A	12/6/2019	GENERAL REVISED	BR		
NO.	DATE	REVISION											
A	12/6/2019	GENERAL REVISED											
BR													

SECTION A-A



1
6010 TYPICAL TRANSOM DETAIL
GLASS CLADDING

DATE: 4-Sep-18	SCALE: 1:2 (A1)
DRAWN BY: ASING	CHECKED BY: -
<p>PROJECT:</p> <p>URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWL00N</p>	
<p>TITLE:</p> <p>TYPICAL TRANSOM DETAIL FOR GLASS CLADDING</p>	
JOB NO.: J-837	
MID	REVISED
DATE	
BR	
DWG NO.: J837-GC-6010	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) -- DETAIL MARK NO.
 - (X00) -- REFER SHEET NO.
 - 1. F.F.L. -- FINISHED FLOOR LEVEL.
 - 2. S.F.L. -- STRUCTURAL FLOOR LEVEL.
 - 3. /R -- REVERSED DETAIL.

FACADE CONSULTANT:
AECOM

STRUCTURAL ENGINEER:
CR Construction Company Limited

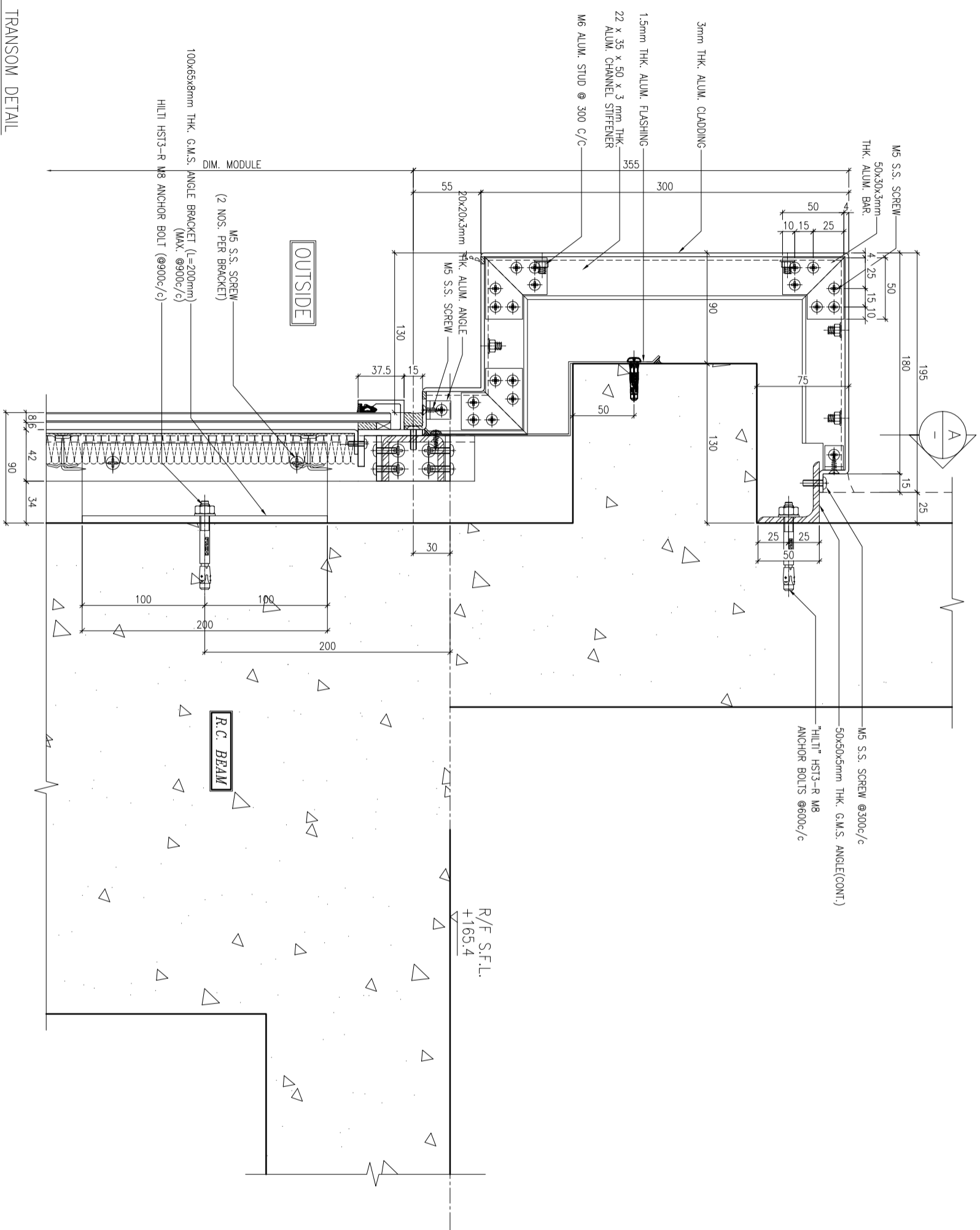
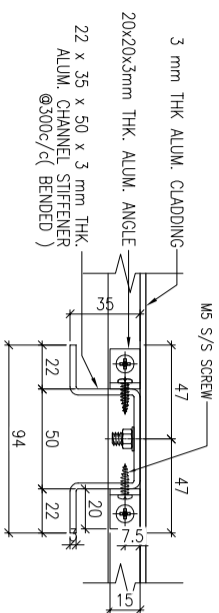
MAIN CONTRACTOR:
WT

ARCHITECT:
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

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

B.D. REF: -

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cho Kwong Road, Kwloon
Tel: 23489211-4 Fax: (852) 27276666



1 TYPICAL TRANSOM DETAIL
6011 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

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.
 (X00) --- REFER SHEET NO.
 1. F.F.L. --- FINISHED FLOOR LEVEL.
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 3. (R) --- REVERSED DETAIL.

TITLE :
TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

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

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

UNITED ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunroy Industrial Centre, 1/F
610 Cho Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27272666
DWG NO. : JB37-GC-6011 REV. : -