

工程指示 / 要求簡箋(E.I.)

工程指示編號：EI / 9720 / 18

修改版次：C

工程編號：J - 837

工程名稱：觀塘裕民坊

工程項目：幕牆 Glass Cladding 拆圖(4th 大圖)

收件人：生統

發件人：Eric Liu

日期：01/03/2019

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：

C 版: 提供幕牆 Glass Cladding 4th 大圖

有關合併倉位置修改

請安排拆圖，包括以下內容:

1. 鐵件 2. 鋁料 3. 玻璃 4. 配件

謝謝！

請在 **2019/ 03 / 05** 前完成上列要求。

附：1 份大圖+CAD

以上項目為:

- 原合約工程包 原合約工程加 / 減賬 新工程報價

原因：-

分發東莞各部門：

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

分發其他分判：

- () 王禮秋 連附件

分發香港各部門：

- () 行政部 連附件 () 會計部 連附件 () 統籌部 連附件 () 工程部地盤科文 連附件 *文*
 () 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 0516/18

發件人簽署：

項目經理簽署：

PROJECT :

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

4


TITLE : SHOPDRAWING SUBMISSION DRAWINGS
OF GLASS CLADDING

DATE: 30 - JAN - 2019

DRAWING SUBMISSION REGISTER

PROJECT :		DATE OF ISSUE		SUBMISSION STATE			SUBMISSION STATE			SUBMISSION STATE			FABRICATION / CONSTRUCTION STATE									
				(FOR B.D./A.S.D)			(FOR CLIENT / CONSULTANT)			(FOR ARCHITECT)			CHINA OFFICE			ISSUE TO SITE			ISSUE TO SUB-CONTRACTOR			
TITLE :		ISSUE	01	02	03	04	AP - APPROVED			AP - APPROVED			AP - APPROVED			ISSUE TO	REV.	DATE	ISSUE TO	REV.	DATE	
SHOPDRAWING FOR GLASS CLADDING		DAY	04	13	17	30	AC - APPROVED SUB. TO CONDITION			AC - APPROVED SUB. TO CONDITION			AC - APPROVED SUB. TO CONDITION			CHINA OFFICE	REV.	DATE	SITE	REV.	DATE	
		MONTH	09	10	11	01	NA - NOT APPROVED			NA - NOT APPROVED			NA - NOT APPROVED									
		YEAR	18	18	18	19																
DRAWING TITLE		DWG. NO.	REVISIONS				COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	DATE	REV.	DATE	REV.	DATE	REV.	DATE
COVERPAGE	J837-GC-0901	-	A	B	C																	
DRAWING SUBMISSION REGISTER	J837-GC-0801	-	A	B	C																	
DRAWING SUBMISSION REGISTER	J837-GC-0802	-																				
GENERAL NOTES OF GLASS CLADDING	J837-GC-0601	-	A	B	B																	
SECTION PROPERTIES OF GLASS CLADDING	J837-GC-ML01	-	A	B	B																	
SECTION PROPERTIES OF GLASS CLADDING	J837-GC-ML02	-	-	-	-																	
PART ELEVATION OF GLASS CLADDING	J837-GC-2101	-	A	B	C																	
PART ELEVATION OF GLASS CLADDING	J837-GC-2102	-	A	B	C																	
PART ELEVATION OF GLASS CLADDING	J837-GC-2201	-	A	B	C																	
PART ELEVATION OF GLASS CLADDING	J837-GC-2202	-	A	B	C																	
PART ELEVATION OF GLASS CLADDING	J837-GC-2301	-	A	B	C																	
PART ELEVATION OF GLASS CLADDING	J837-GC-2501	-	A	B	C																	
PART ELEVATION OF GLASS CLADDING	J837-GC-2502	-	A	B	C																	
TYPICAL SECTION OF GLASS CLADDING	J837-GC-2601	-	-	-	A	B																
6TH FLOOR FULL LAYOUT PLAN AT TOWER 1	J837-GC-3101	-	-	-	A	A																
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 1	J837-GC-3102	-	-	-	A	A																
50TH FLOOR PLAN FULL LAYOUT PLAN AT TOWER 1	J837-GC-3103	-	-	-	A	A																
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 1	J837-GC-3104	-	-	-	A	A																
6TH FLOOR FULL LAYOUT PLAN AT TOWER 2	J837-GC-3201	-	-	-	A	B																
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 2	J837-GC-3202	-	-	-	A	B																
55TH FLOOR PLAN FULL LAYOUT PLAN AT TOWER 2	J837-GC-3203	-	-	-	A	B																
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 2	J837-GC-3204	-	-	-	A	B																
6TH FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3301	-	-	-	A	A																
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3302	-	-	-	A	A																
52ND FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3303	-	-	-	A	A																
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 3	J837-GC-3304	-	-	-	A	A																
6TH FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3501	-	-	-	A	A																
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3502	-	-	-	A	A																
TYPICAL FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3503	-	-	-	A	A																
51ST FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3504	-	-	-	A	A																
ROOF FLOOR FULL LAYOUT PLAN AT TOWER 5	J837-GC-3505	-	-	-	A	A																
TYPICAL WALLION DETAIL FOR GLASS CLADDING	J837-GC-5001	-	-	-	A	B																
TYPICAL WALLION DETAIL FOR GLASS CLADDING	J837-GC-5002	-	-	-	A	B																
TYPICAL WALLION DETAIL FOR GLASS CLADDING	J837-GC-5003	-	-	-	A	B																
TYPICAL WALLION DETAIL FOR GLASS CLADDING	J837-GC-5004	-	-	-	A	B																
TYPICAL WALLION DETAIL FOR GLASS CLADDING	J837-GC-5005	-	-	-	A	A																
TYPICAL WALLION DETAIL FOR GLASS CLADDING	J837-GC-5006	-	-	-	A	A																
TYPICAL WALLION DETAIL FOR GLASS CLADDING	J837-GC-5007	-	-	-	A	A																
TYPICAL WALLION DETAIL FOR GLASS CLADDING	J837-GC-5008	-	-	-	A	A																
TYPICAL WALLION DETAIL FOR GLASS CLADDING	J837-GC-5009	-	-	-	A	A																
TYPICAL WALLION DETAIL FOR GLASS CLADDING	J837-GC-6001	-	-	-	A	B																
TOTAL PAGES :						41																

IN-HOUSE DESIGN CHECKER



華特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunny Industrial Centre, 1/F,
 610 Che Kwong Road, Kowloon
 Tel: 23489211-4 Fax: 8527272666
 DWG. NO. : J837-GC-DR01 REV. : C

GENERAL NOTES FOR GLASS CLADDING

- DESIGN CODES :
 - BUILDING (CONSTRUCTION) REGULATIONS , 1990 HONG KONG.
 - CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL , 2011 HONG KONG
 - CODE OF PRACTICE FOR THE STRUCTURAL USE OF CONCRETE , 2013 HONG KONG
 - CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004.
 - BS 8118 - THE STRUCTURAL USE OF ALUMINIUM , PART 1 - 1991 (PARTIAL LOAD FACTOR OF 1.4 FOR WIND LOAD)
 - BS 6262 - CODE OF PRACTICE FOR GLAZING OF BUILDING - 2005.
 - BS EN 10088 - 2005 STAINLESS STEELS.
 - ALL RELEVANT CODES AND STANDARDS AS PER PROJECT TECHNICAL SPECIFICATIONS.
 - CODE OF PRACTICE FOR DEAD AND IMPOSED LOAD 2011
- DESIGN LOADS :
 - WIND LOAD :
 - HEIGHT ABOVE GROUND LEVEL = 186.42mPD - 8.58mPD = 179.84m
 - DESIGN WIND PRESSURE FOR GLASS CLADDING
 - BASE WIND LOAD: 3.14 KPa
 - DESIGN WIND LOAD ($C_p = +1.0/-1.4$) : $3.14 \times (C_p = +1.0) = 3.14 \text{ KPa}$ (FOR INWARD)
 - $3.14 \times (C_p = -1.4) = -4.396 \text{ KPa}$ (FOR OUTWARD)
 - DEAD LOAD :
 - GLASS WEIGHT: 26 KN/m²
 - STEEL WEIGHT: 77 KN/m²
 - ALUM. WEIGHT: 27.2 KN/m²
- GLASS :
 - GLASS FOR GLASS CLADDING USED TO BE :
 - G4 : 8 mm THK. BLUE TINTED HEAT STRENGTHENED GLASS WITH BACK PAN (MAX SIZE 2250Hx700W)
 - G5 : 8 mm THK. BLUE TINTED TEMPERED GLASS (MAX SIZE 2250Hx950W)
 - FULL TEMPERED GLASS TO BE 100% HEAT SOAK TESTED IN ACCORDANCE WITH BS EN 14179-1:2005 AND PMP APP 37.
 - DESIGN OF GLASS SHALL COMPLY TO BS 6262 , 2005 :
 - ALLOWABLE BENDING STRENGTH (TEMPERED) = 50 N/mm²
 - ALLOWABLE BENDING STRENGTH (HEAT STRENGTHENED) = 25 N/mm²
 - ALLOWABLE BENDING STRENGTH (HEAT STRENGTHENED) = 70,000 N/mm²
 - YOUNG'S MODULUS = 70,000 MPa
 - GLASS MATERIALS SHALL COMPLY TO BS 952:1995
 - ALL GLASS UNDER 1.1m ABOVE F.F.L. SHALL BE COMPLY IMPACT TEST TO BS 6206 CLASS A.
 - RESIDUAL SURFACE COMPRESSION FOR TEMPERED GLASS TO BE NOT LESS THAN 69 MPa.
- ALUMINIUM ALLOY :
 - ALUMINIUM SHEET :
 - ALL ALUMINIUM SHEET TO BE ALLOY 3003-H14 TO ALUMINIUM DESIGN MANUAL: BS EN845-2:2008
 - 0.2% PROOF (YIELD) STRENGTH = 125 MPa
 - MINIMUM ULTIMATE TENSILE STRESS = 145 MPa
 - MINIMUM ULTIMATE TENSILE STRESS = 145 MPa
 - MODULUS OF ELASTICITY (E) = 70000 MPa.
 - ALUMINIUM EXTRUSION : IN ACCORDANCE WITH DESIGN CODE BS: 8118-1:1991, COMPLY TO BS EN 755-2, 2008
 - ALUMINIUM EXTRUSION - TO BE ALLOY 6063-15
 - 0.2% PROOF STRENGTH = 110 MPa
 - MINIMUM TENSILE STRENGTH = 130 MPa
 - MODULUS OF ELASTICITY = 70000 MPa.
 - ALUMINIUM EXTRUSION - TO BE ALLOY 6063-16
 - 0.2% PROOF STRENGTH = 160 MPa
 - MINIMUM TENSILE STRENGTH = 175 MPa
 - MODULUS OF ELASTICITY = 70000 MPa.
- STEEL :
 - ALL STEEL MEMBERS SHALL MEET THE MINIMUM REQUIREMENTS OF BS EN10025 S275 J0 AND CLASS 1 TO C.O.P.
 - FOR THE STRUCTURAL USE OF STEEL 2011.
 - SURFACE TREATMENT SHALL BE HOT-DIP GALVANIZED COMPLIED WITH BS EN ISO 1461, 2009.
 - FOR THICKNESS "T" : 1516mm (GRADE S275)
 - YOUNG'S MODULUS = 205,000 N/mm²
 - DENSITY = 77 KN/m³
 - YIELD STRENGTH = 275 N/mm²
 - TENSILE STRENGTH = 275 N/mm²
 - BENDING STRENGTH = 275 N/mm²
 - SHEAR STRENGTH = 158.8 N/mm²
 - FOR THICKNESS "T" : 16mm<S<40mm (GRADE S275)
 - YOUNG'S MODULUS = 205,000 N/mm²
 - DENSITY = 77 KN/m³
 - YIELD STRENGTH = 265 N/mm²
 - TENSILE STRENGTH = 265 N/mm²
 - BENDING STRENGTH = 265 N/mm²
 - SHEAR STRENGTH = 153 N/mm²
- WELDING :
 - ALL WELDS SHALL COMPLY TO BS EN 1011 & BS EN 440 OR EQUIVALENT TO HKSC 2011.
 - DESIGN STRENGTH = 220 N/mm²
 - UNLESS OTHERWISE INDICATED, ALL WELDS SHALL BE 5mm THICK FILLET WELD.
 - ALL WELDING SHALL BE ELECTRODE PERFORMED BY QUALIFIED WELDERS, TO BE COMPLY WITH BS EN 1011.
 - ALL SITE WELDS SHALL BE RECEIVED 2 COATS OF ZINC CHROMATE PRIMER.
- SILICONE SEALANT :
 - " Dow Sil - 791 " TO BE USED AS WEATHER SEALED & CAULKING SEALANT.
 - " Dow Corning - 983 " TO BE USED AS STRUCTURAL GLAZING SEALANT. (ALLOWABLE STRENGTH = 137.8 KPa) (BD REF. NO. BD-SS001) UNLESS OTHERWISE INDICATED , ALL STRUCTURAL SEALANT BITE SHALL BE MIN. 15mm.

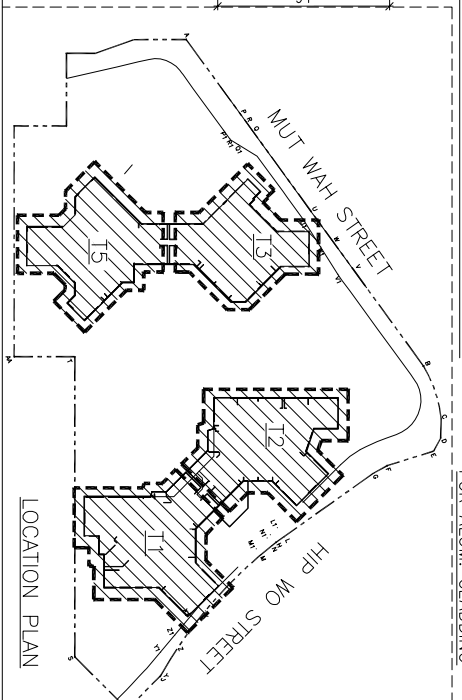
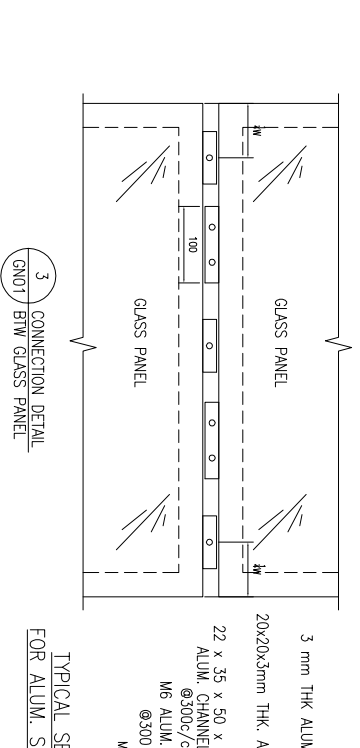
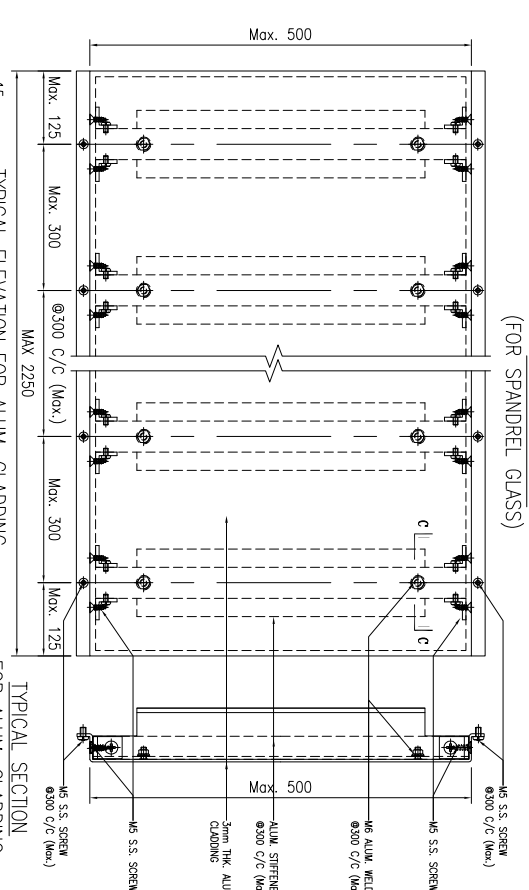
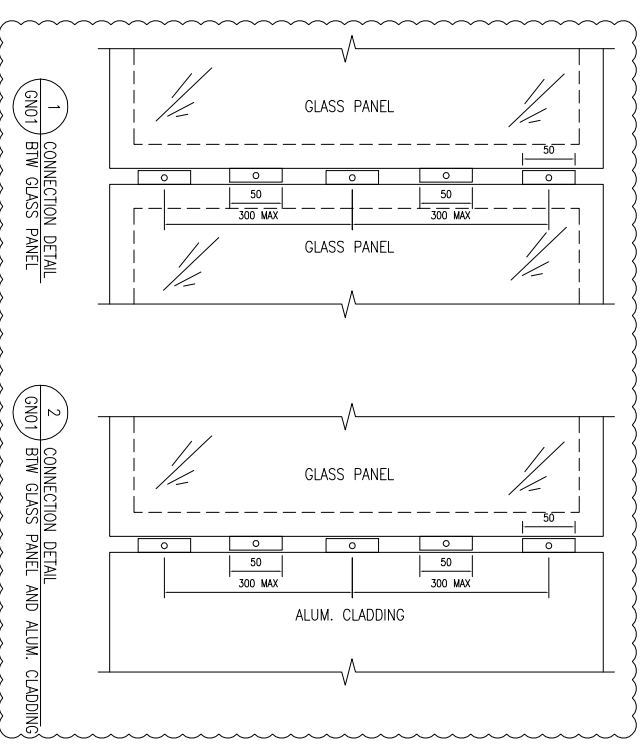
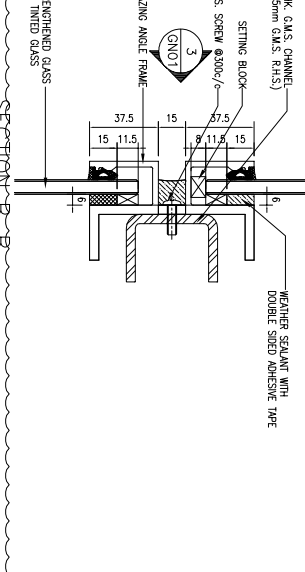
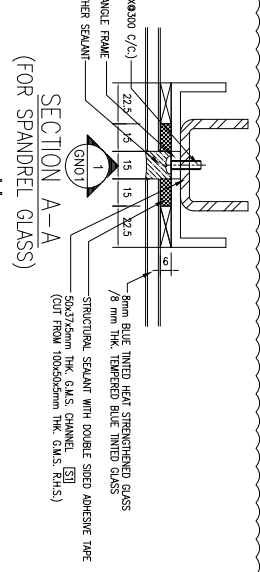
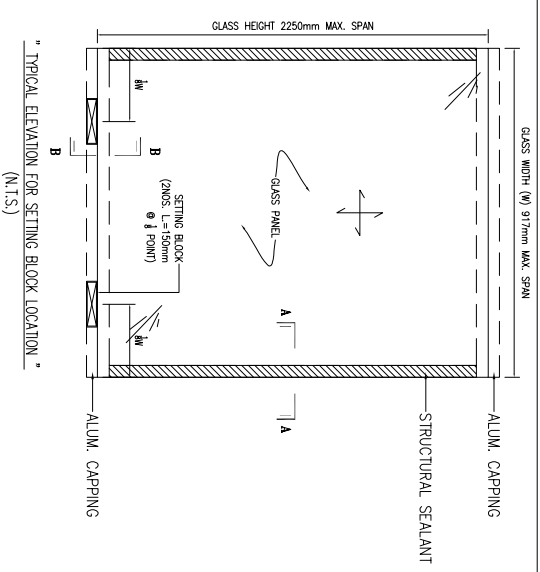
- GASKET & SETTING BLOCK :
 - ALL GASKET USED SHALL BE DENSE EXTRUDED SANTOPRENE WITH A HARDNESS OF 60±5.
 - SETTING BLOCKS SHALL BE DENSE EXTRUDED SANTOPRENE WITH A HARDNESS OF 85±5. DIAMETER SHORE A , A MIN. LENGTH OF 120 mm & A MIN. WIDTH CORRESPONDING TO THE GLASS THICKNESS & LOCATED AT GLASS 1/8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

- 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.
- CONCRETE GRADE
 - CONCRETE STRUCTURE SHOWN IN THE SUBMISSION SHALL BE OF GRADE 35D MINIMUM.
- 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 Tensile (kN)	Shear (kN)	Test load (1.5 x recommended tensile load) (kN)
M12H334	BD-4F-151	64	40	50	1180±2-2575	1180±2-1916	-1541; 180±2-458
M12H334	BD-4F-151	55	50	50	40	10	-1541; 180±2-458

CONSIDER CONCRETE GRADE FACTOR: $\gamma_{25} = 1.183$

- ALL GLASS CLADDING SHALL BE FIXED AND LIE IN FRONT OF R.C. STRUCTURE ONLY
- CAST-IN EMBED-REBAR TO BE GRADE 500B TO CS2:2012
- LATEST GBP APPROVAL DATE: 11/07/2017
- LATEST FRAMING PLAN APPROVAL DATE: 06/10/2017



B.D. REF. :

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

ARCHITECT :
 WONG TUNG & PARTNERS LIMITED
 ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AECOM

FAÇADE CONSULTANT:
 AECOM

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

LEGEND :
 DETAIL MARK NO.
 REBAR 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 :
 GENERAL NOTES
 FOR GLASS CLADDING

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

DRAWN BY : ASING CHECKED BY : -

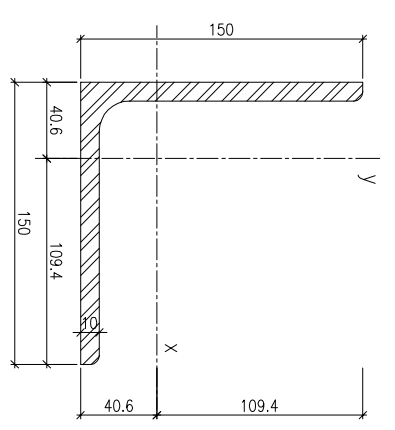
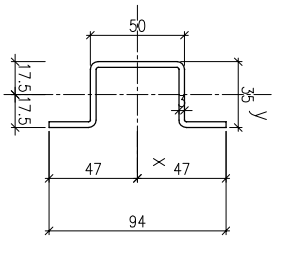
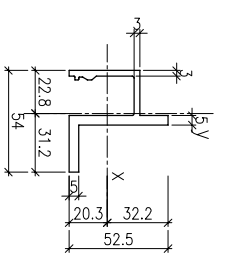
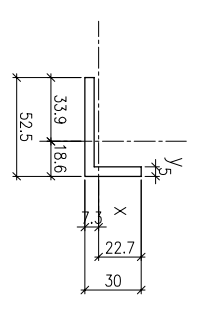
NO. DATE REVISION BY

A	15/10/2018	GENERAL REVISED	
B	17/11/2018	GENERAL REVISED	

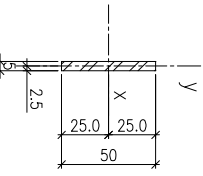
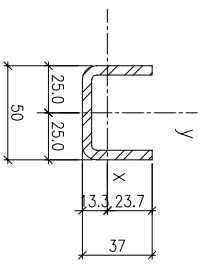
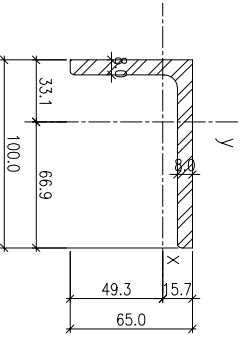
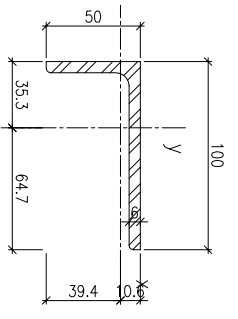
UNITED ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cho Kwong Road, Kowloon
 Tel:23489211-4 Fax:(852)27276666

DWG NO. : 1837-GC-GN01 REV. : B

A1 ---- ALUMINIUM GLAZING ANGLE GRADE ---- 6063 T6	COATING ---- PVF2 COATING	A2 ---- ALUMINIUM GLAZING ANGLE GRADE ---- 6063 T6	COATING ---- PVF2 COATING	5mm THK ALUM. CHANNEL STIFFENER GRADE ---- 3003-H14	COATING ---- PVF 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) :	3728990.1
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) :	5208.8
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) :	14.4
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) :	5208.2 along [1.0 0.0]
Principal moments along Y-X (mm ⁴) :	963869.2 along [-0.3 1.0]	Principal moments along Y-X (mm ⁴) :	1463033.8 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)

100x63x6mm 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.D. REF. :

CLIENT :
Sino Land Company Limited

ARCHITECT :
WONG TUNG & PARTNERS LIMITED

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.
X000 --- REFER SHEET NO.

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

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

TITLE :
FOR GLASS CLADDING

DATE : 13-JUL-18
SCALE : 1:2 (A1)

DRAWN BY : ASING
CHECKED BY : -

Units 6-8, Sunny Industrial Centre, 1/F
610 Chee Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 2727666
DWG NO. : 1837-CC-ML01
REV. : B

B.D. REF :

CLIENT :



信和置業有限公司
Sino Land Company Limited

ARCHITECT :



黃東騰及 partners limited
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :



CR Construction Company Limited

STRUCTURAL ENGINEER :



ARCHITECT 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.
- (X000) --- 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

JOB NO. : J-837

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

TITLE :

DIE LIST
FOR GLASS CLADDING

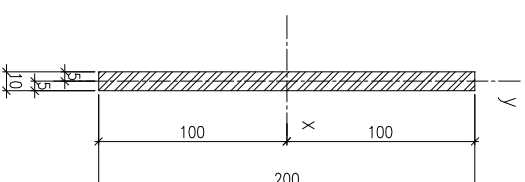
DATE : 13-JUL-18 SCALE : 1:2 (A1)

DRAWN BY : ASING CHECKED BY : -

MIDi Aluminium Fabrication Ltd.
Units 6-8, Sunny Industrial Centre, 1/F
610 Chea Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 2727666

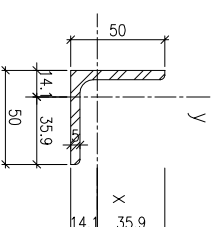
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REV. : -

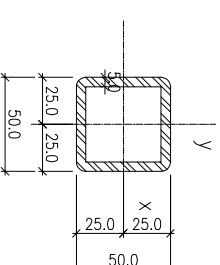


200x250x10mm THK. G.M.S. PLATE (GRADE --- S275)

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
Perimeter (mm) :	351.4	Perimeter (mm) :	194.9	Perimeter (mm) :	420.0
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 - 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
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
Moments of inertia - X (mm ⁴) :	295240.1	Moments of inertia - X (mm ⁴) :	111482.9	Moments of inertia - X (mm ⁴) :	666666.7
Moments of inertia - Y (mm ⁴) :	295240.3	Moments of inertia - Y (mm ⁴) :	111484.6	Moments of inertia - Y (mm ⁴) :	16666.6
Product of inertia - XY (mm ⁴) :	0.0	Product of inertia - XY (mm ⁴) :	65154.1	Product of inertia - XY (mm ⁴) :	0.0
Radii of gyration - X (mm) :	18.3	Radii of gyration - X (mm) :	15.2	Radii of gyration - X (mm) :	57.7
Radii of gyration - Y (mm) :	18.3	Radii of gyration - Y (mm) :	15.2	Radii of gyration - Y (mm) :	2.9
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) :	666666.7 along [1.0 0.0]
Principal moments along Y-X (mm ⁴) :	295240.3 along [0.0 1.0]	Principal moments along Y-X (mm ⁴) :	176637.8 along [0.7 0.7]	Principal moments along Y-X (mm ⁴) :	16666.6 along [0.0 1.0]
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 - 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



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



50x50x5mm THK. G.M.S. SHS

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.

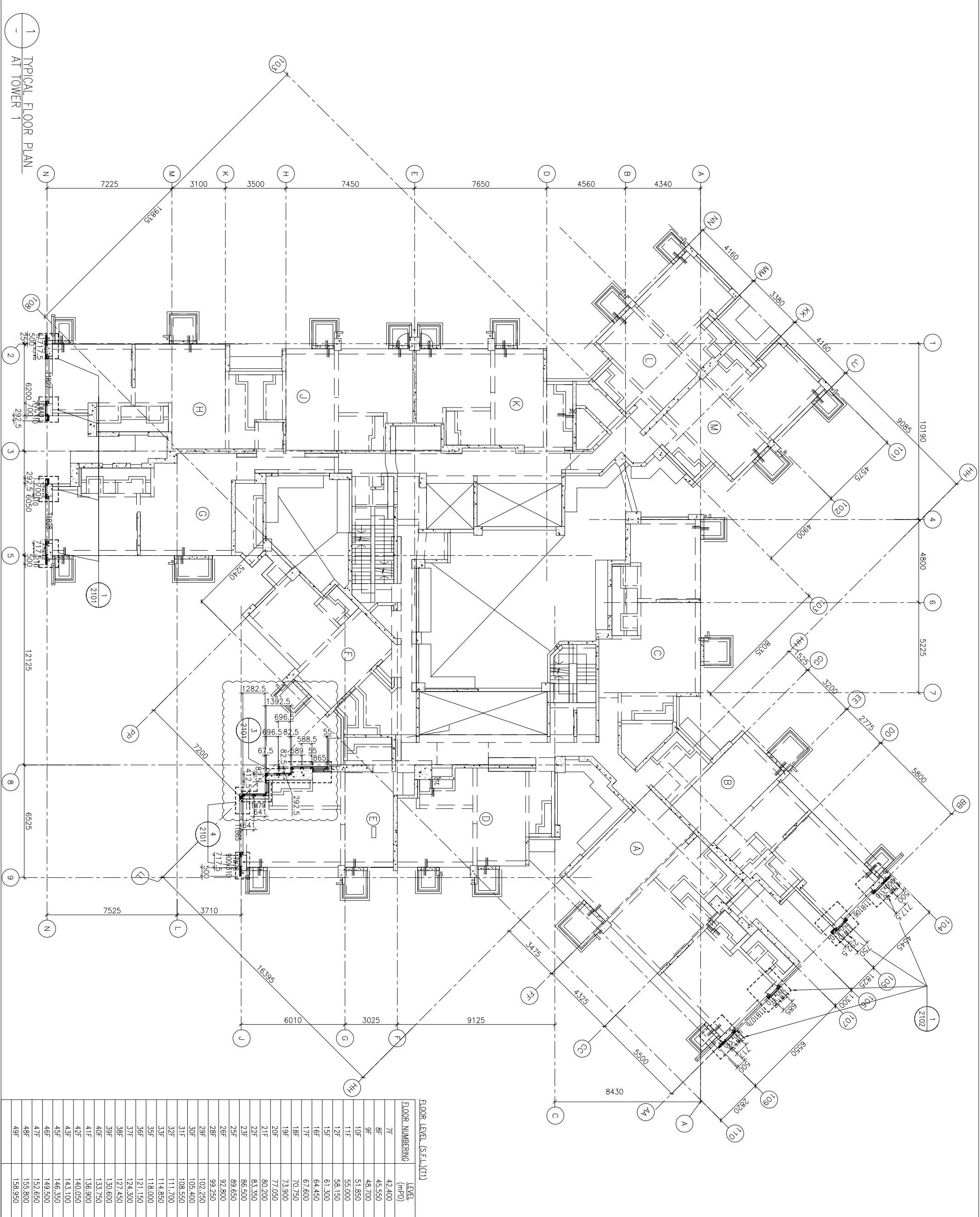
LEGEND:
X1 --- DETAIL MARK NO.
X001 --- REFER SHEET NO.
--- F.F.L. --- FINISHED FLOOR LEVEL
--- S.F.L. --- STRUCTURAL FLOOR LEVEL
--- R --- REVERSED DETAIL

FLOOR NUMBERING	LEVEL (mPD)
7F	42.400
8F	45.500
9F	48.700
10F	51.850
11F	55.000
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

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

TITLE : TYPICAL FLOOR PLAN OF GLASS CLADDING AT TOWER 1


DATE : 04-JUL-18 SCALE : 1:100 (A1)
 DRAWN BY : ASING CHECKED BY : -
美特铝质有限公司
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-3102 REV. : A



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

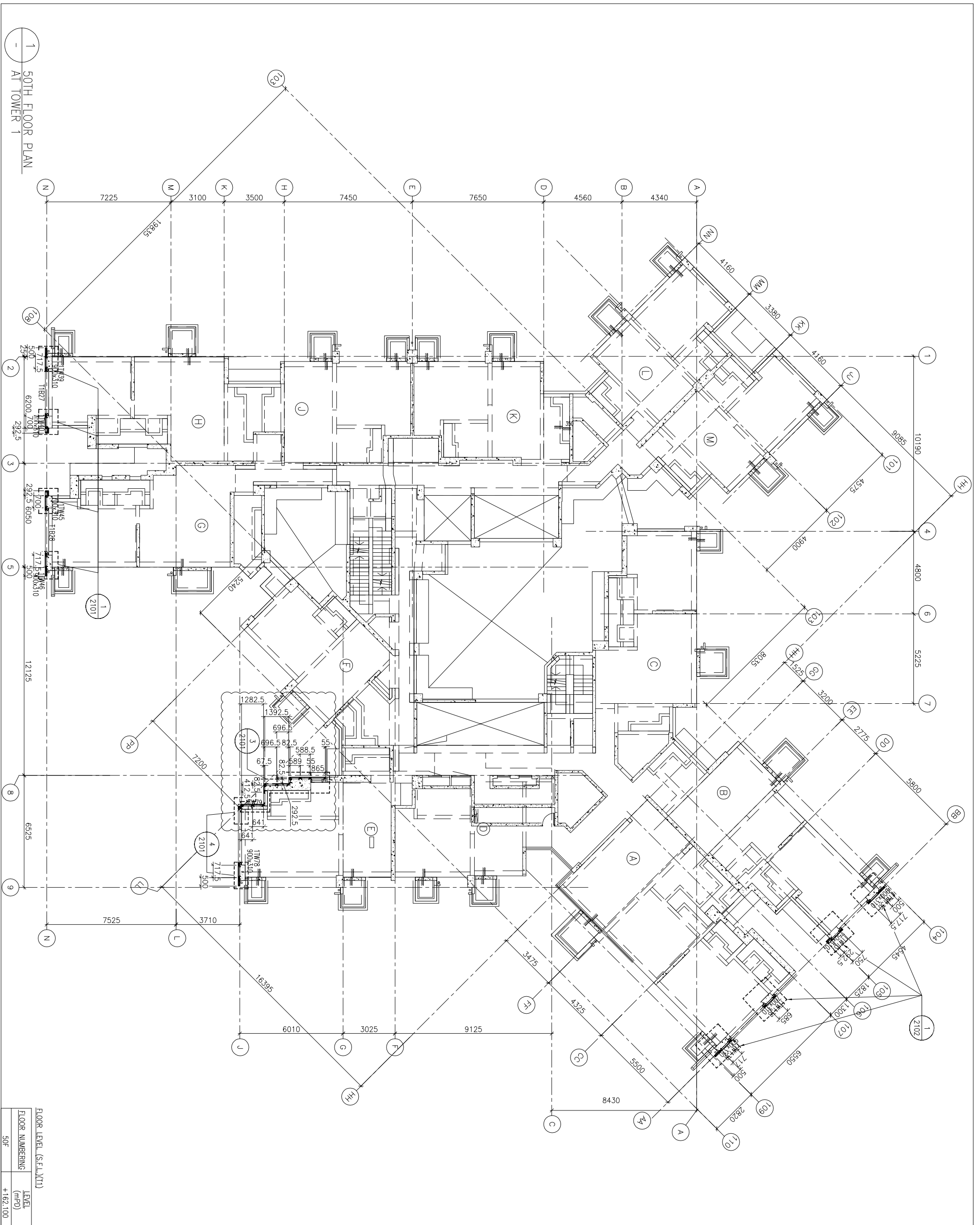
LEGEND:
 (X1) --- DETAIL MARK NO.
 (X001) --- REFER SHEET NO.
 1. F.F.L. --- FINISHED FLOOR LEVEL
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 3. (R) --- REVERSED DETAIL

NO.	DATE	REVISION	BY
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 : -
 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-3103 REV. : A




1
 50TH FLOOR PLAN
 AT TOWER 1

FLOOR LEVEL (S.F.L.)(1)	LEVEL (mPD)
50F	+162.100

B.D. REF :

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

ARCHITECT :
 WONG TUNG & PARTNERS LIMITED
 ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AECOM

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
A	17/11/2018	GENERAL REVISED	

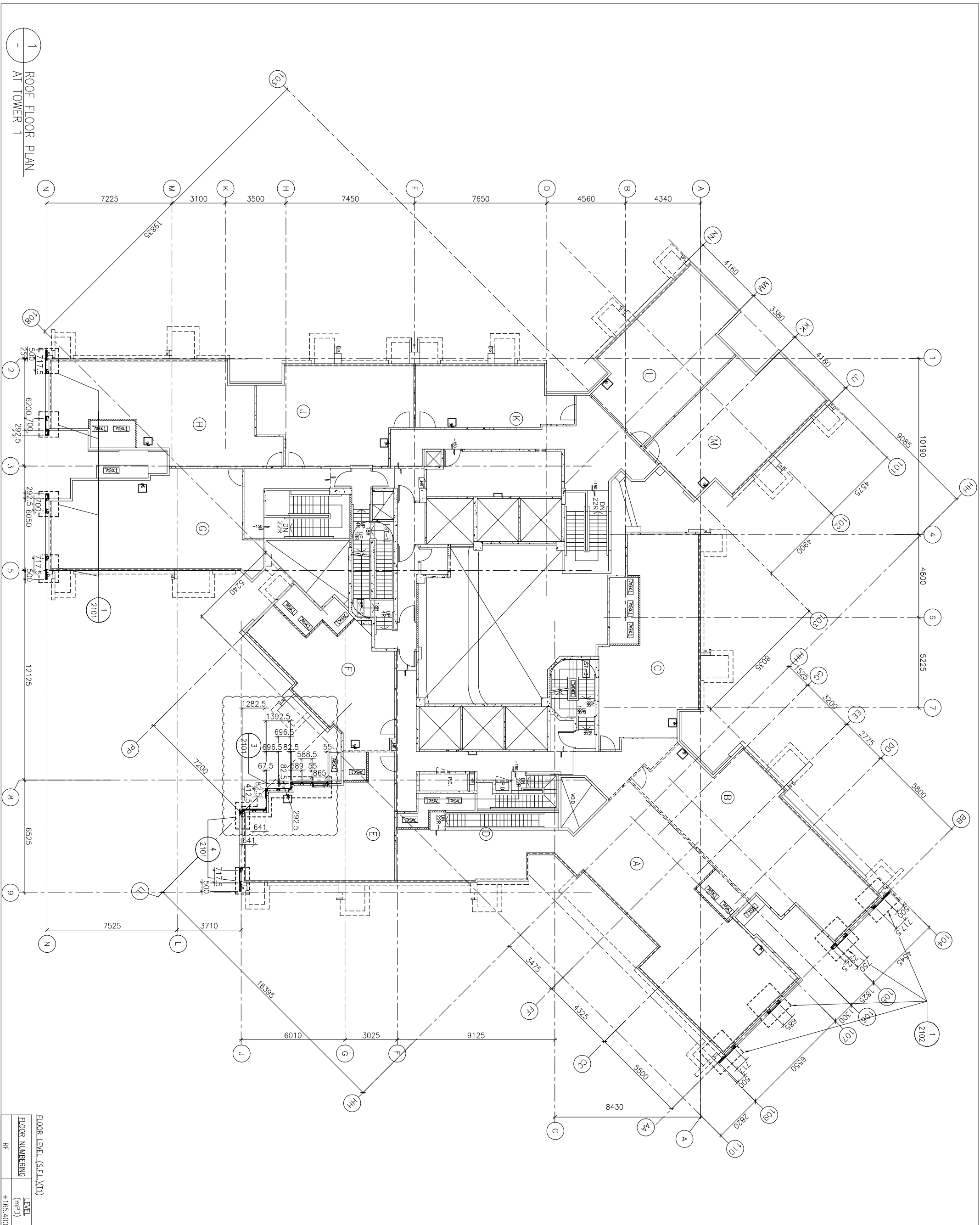
JOB NO. : J-837

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 : -

 美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunny Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666
 DWG NO. : 1837-GC-3104 REV. : A



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.
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	30/1/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	

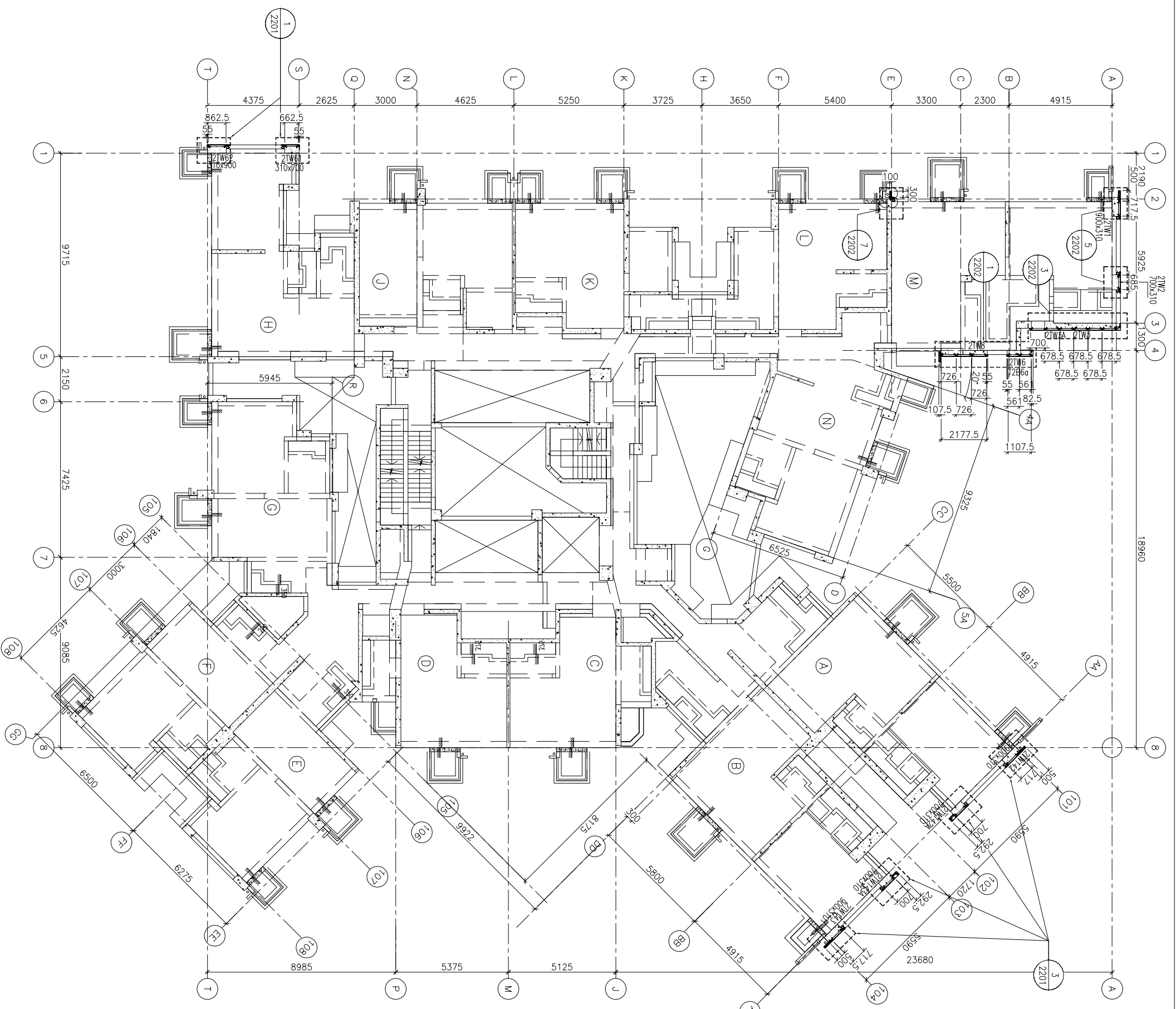
JOB NO. : J-837

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

TITLE :
TYPICAL 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



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.
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	

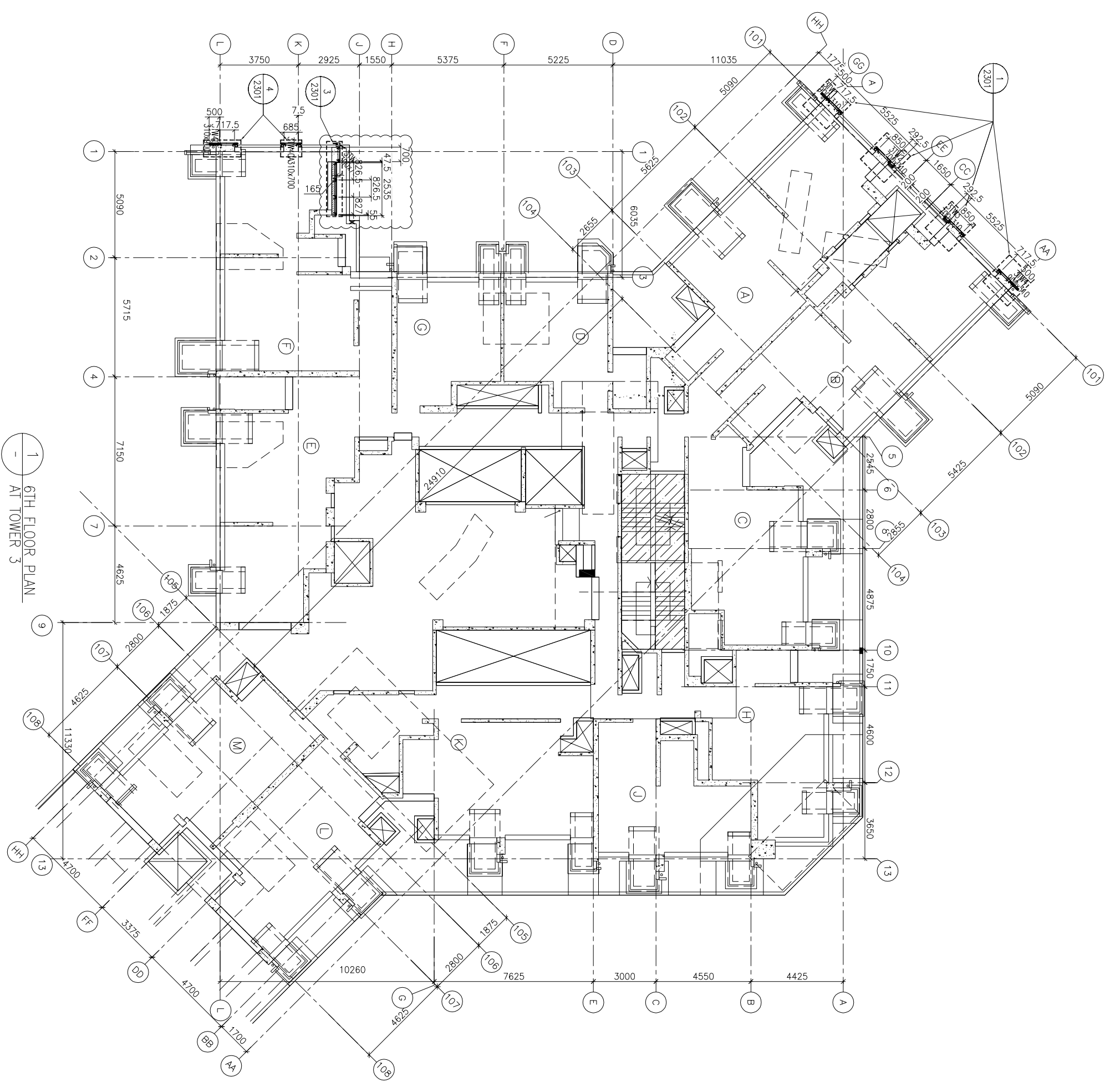
JOB NO. : J-837

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 NUMBER	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
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.
X2001 --- 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	17/11/2018	GENERAL REVISED	

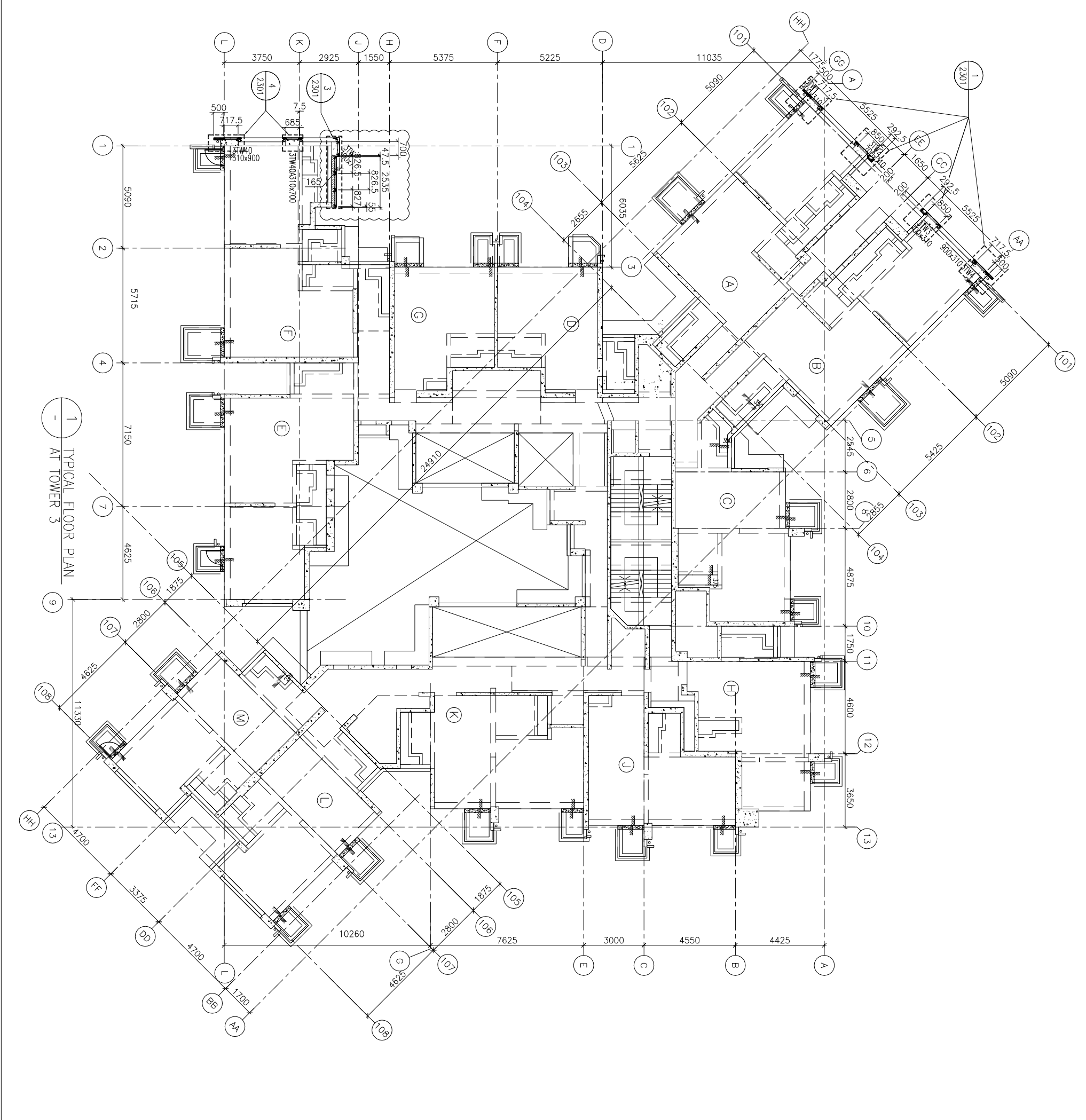
JOB NO. : J-837

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

TITLE :
TYPICAL FLOOR PLAN
OF GLASS CLADDING
AT TOWER 3

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. : 4837-GC-3302
REV. : A

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



B.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	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, KWILLOON

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

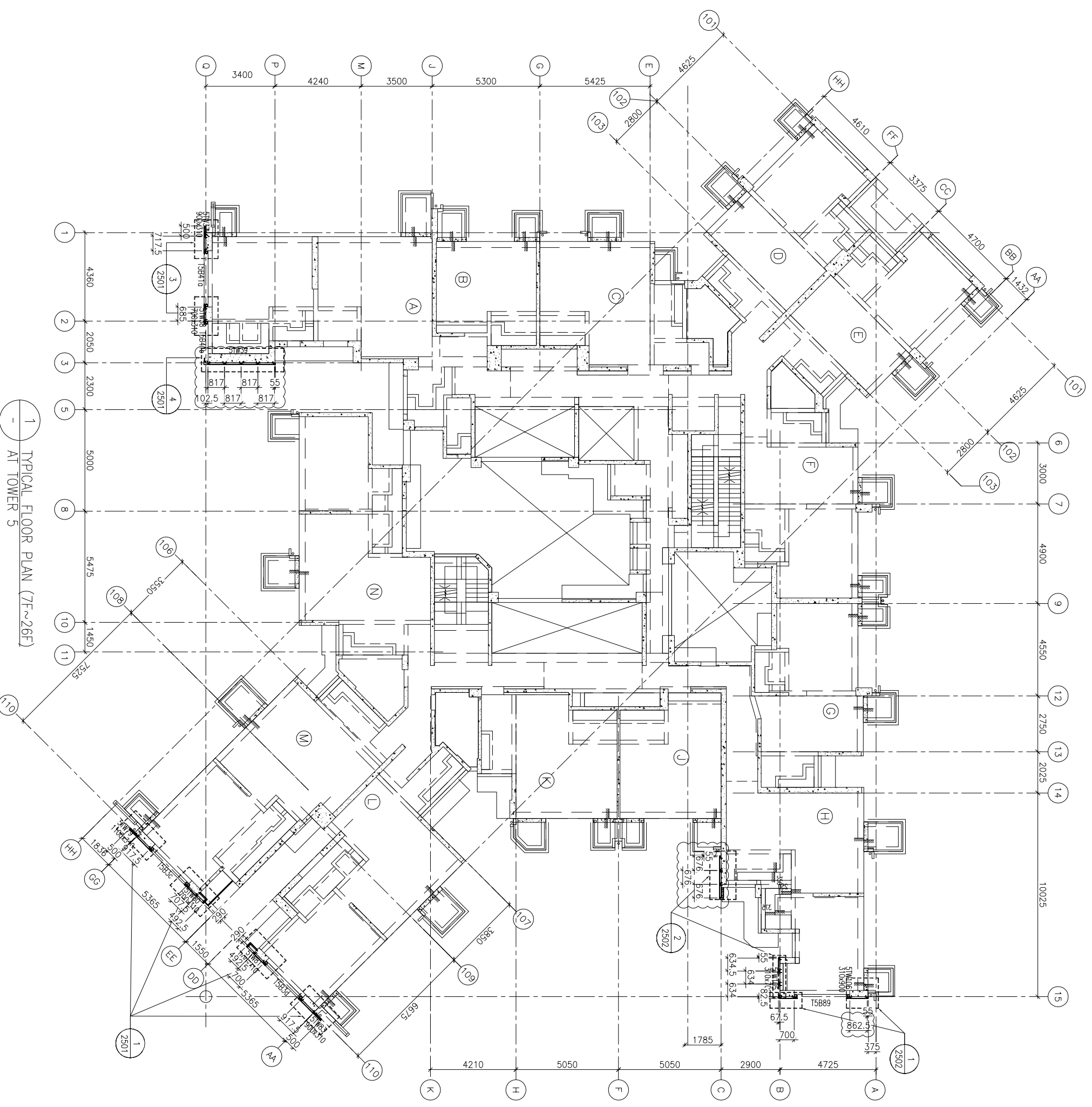
DATE : 04-JUL-18
SCALE : 1:100 (A1)

DRAWN BY : ASING
CHECKED BY : -

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

UNIT : 米特 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. : A



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

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.

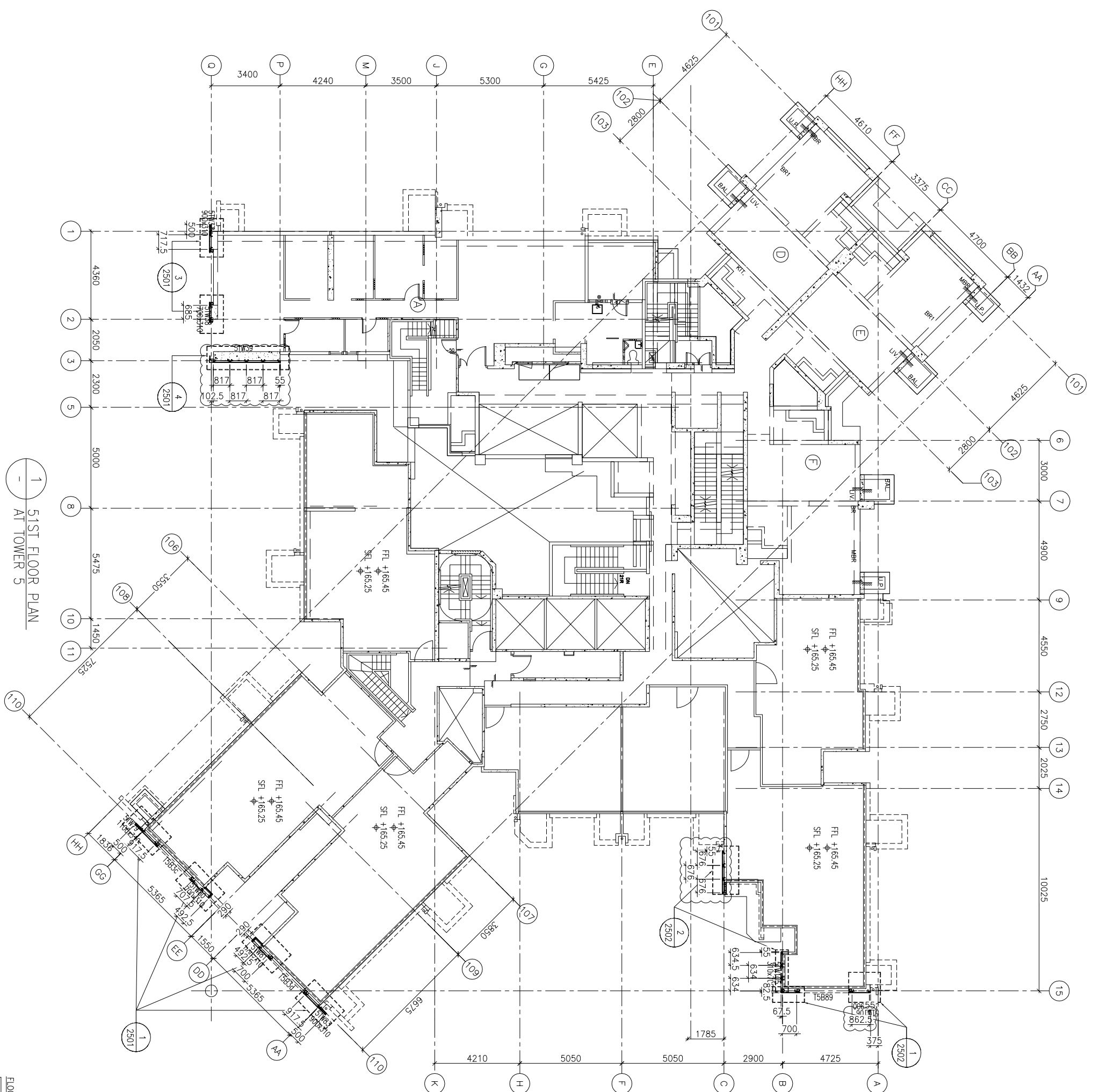
LEGEND:
X1 --- DETAIL MARK NO.
X001 --- REFER SHEET NO.
1. F.F.L. --- FINISHED FLOOR LEVEL
2. S.F.L. --- STRUCTURAL FLOOR LEVEL
3. (R) --- REVERSED DETAIL

NO.	DATE	REVISION	BY
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

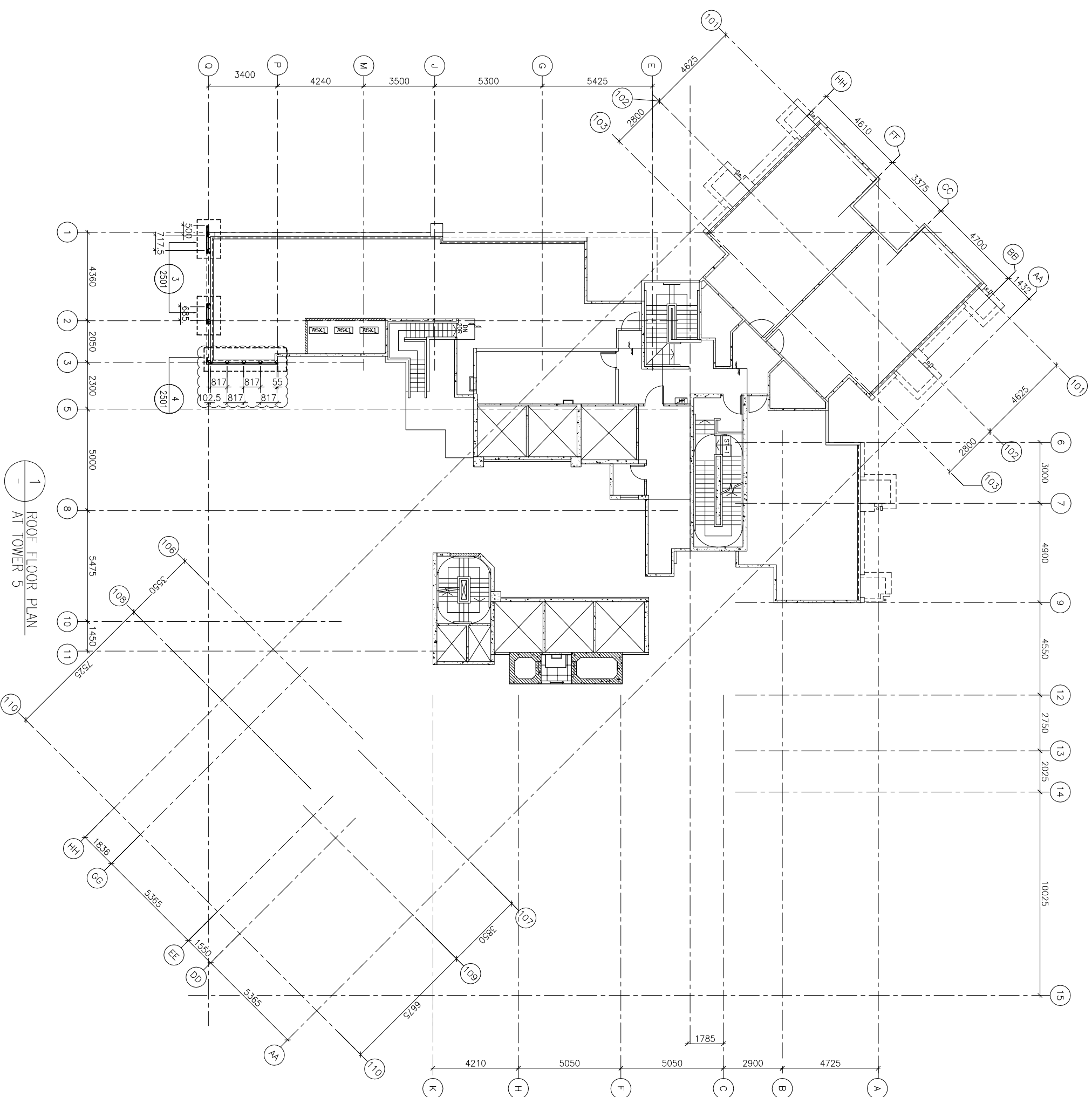
TITLE :
51ST FLOOR PLAN
OF GLASS CLADDING
AT TOWER 5

DATE : 04-JUL-18 SCALE : 1:100 (A1)
DRAWN BY : ASING CHECKED BY : -
UNITED ALUMINIUM FABRICATOR LTD.
610 Che Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666
DWG NO. : 4837-GC-3504 REV. : A








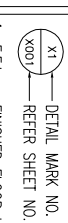

1 51ST FLOOR PLAN
AT TOWER 5

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




1 ROOF FLOOR PLAN
AT TOWER 5


FLOOR NUMBERING	LEVEL (mPD)
RF	+168.850

<p>B.O. 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.  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, KWILLOON</p>	
<p>TITLE : ROOF FLOOR PLAN OF GLASS CLADDING AT TOWER 5</p>		<p>DATE : 04-JUL-18 SCALE : 1:100 (A1) DRAWN BY : ASING CHECKED BY : -</p>	
<p>A 17/11/2018 GENERAL REVISED</p>		<p>NO. DATE REVISION BY</p>	
<p>DWG NO. : 1837-GC-3505</p>		<p>REV. : A</p>	

FLOOR LEVEL (S.F.L.)(T3)
 MIDT ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666

B.D. REF :

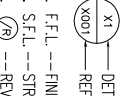
CLIENT :
 信和置業有限公司
 Sino Land Company Limited

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


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

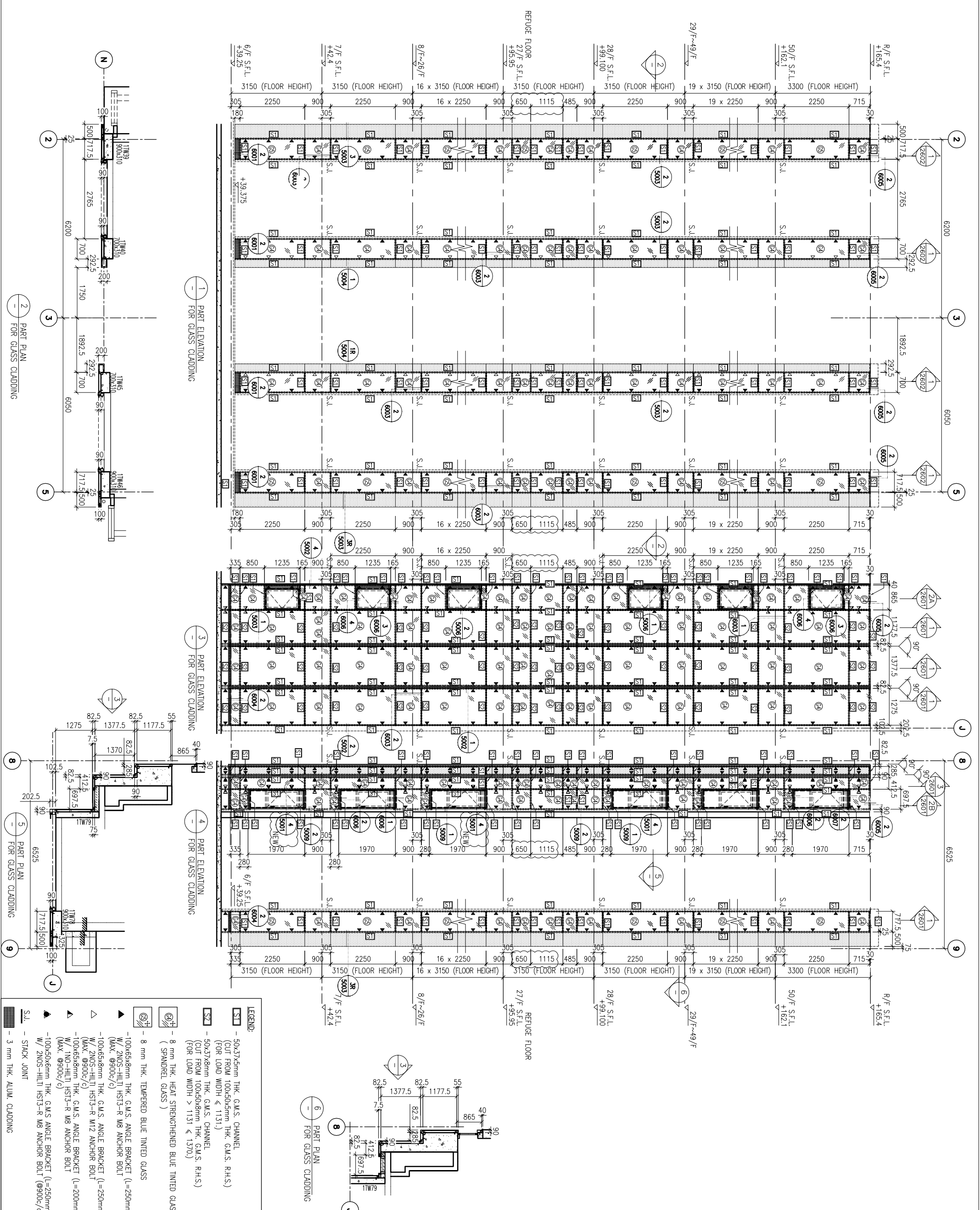
JOB NO. : J-837

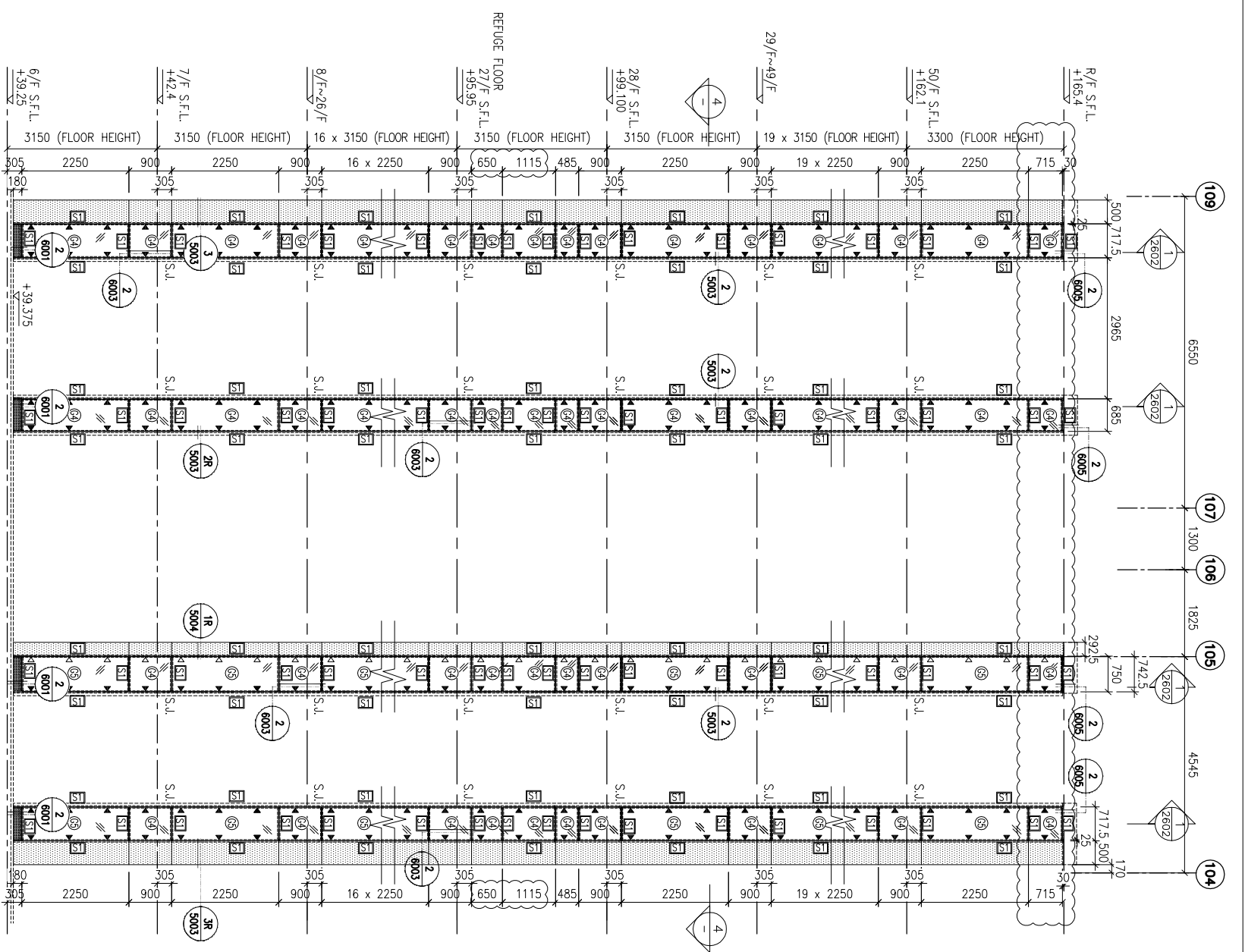
PROJECT :
 URA KWUN TONG TOWN CENTRE
 REDEVELOPMENT (AREA 2 & 3) AT
 NKIL 6514, KWUN TONG, KWLOON

TITLE :
 PART ELEVATION
 OF GLASS CLADDING
 AT TOWER 1

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

UNITED FRONTIER FABRICATOR LTD.
 美特鋁質有限公司
 MIDU ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Chee Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27272666
 DWG NO. : J837-GC-2101
 REV. : C





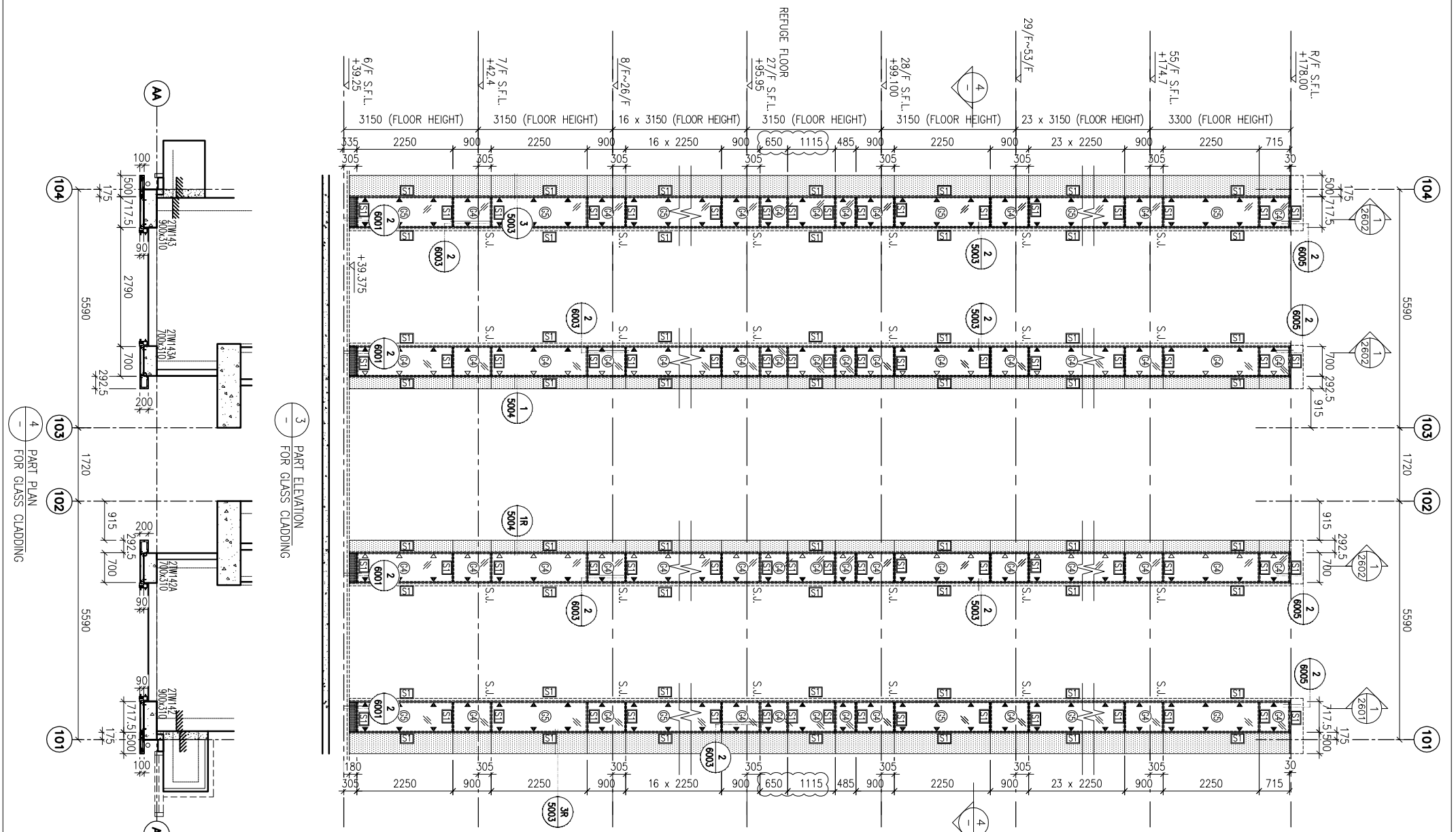
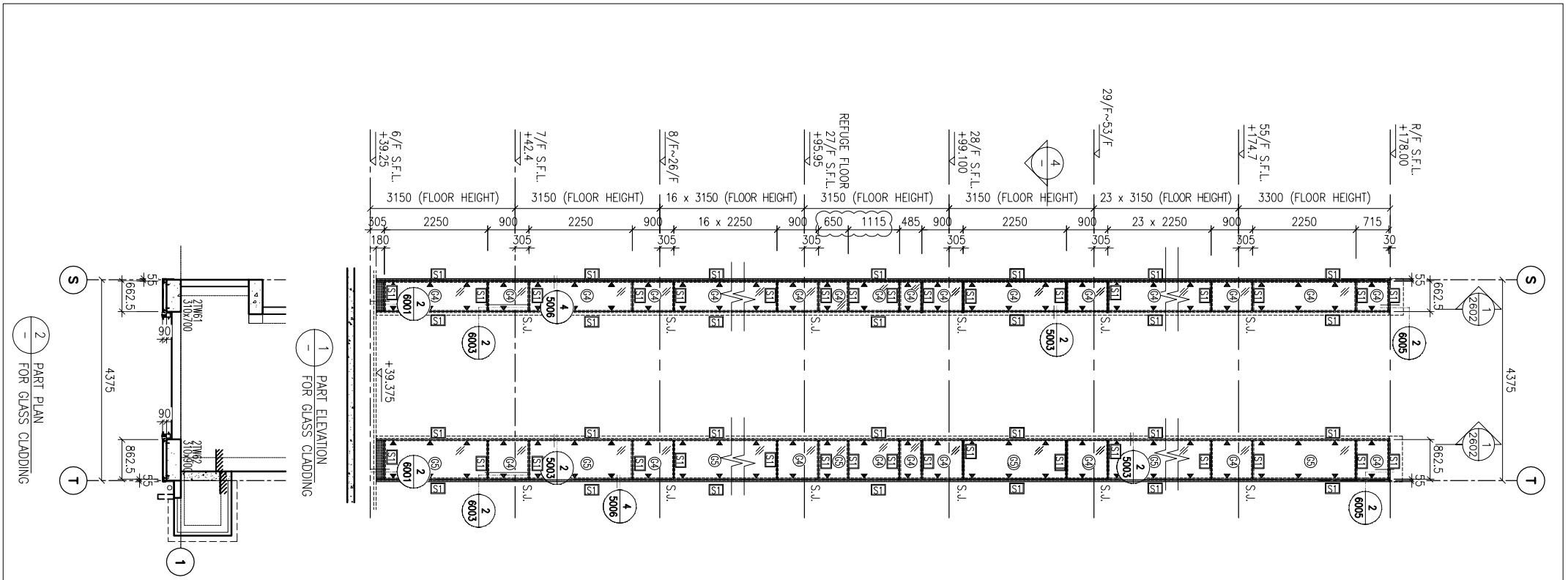
1 PART ELEVATION
FOR GLASS CLADDING

2 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/ 2N05-HILT/ HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
	100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2N05-HILT/ HST3-R M12 ANCHOR BOLT (MAX. @900c/c)
	100x65x8mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1N0-HILT/ HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
	STACK JOINT
	3 mm THK. ALUM. 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:</p> <ol style="list-style-type: none"> ALL DIMENSIONS ARE IN mm. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION. <p>LEGEND:</p> <p> X1 --- DETAIL MARK NO. X001 --- REFER SHEET NO.</p> <ol style="list-style-type: none"> F.F.L. --- FINISHED FLOOR LEVEL S.F.L. --- STRUCTURAL FLOOR LEVEL R --- REVERSED DETAIL 					
<p>JOB NO. : J-837</p> <p>PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWILOON</p> <p>TITLE : PART ELEVATION OF GLASS CLADDING AT TOWER 1</p> <p>DATE : 04-JUL-18 SCALE : 1:60 (A1)</p> <p>DRAWN BY : ASING CHECKED BY : -</p> <p> 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)2727666</p> <p>DWG NO. : J837-GC-2102 REV. : C</p>					



LEGEND:

- ST - 50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
- ④+ - 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
- ④ - 8 mm THK. TEMPERED BLUE TINTED GLASS
- ▲ - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2N05-HILTI HS13-R M8 ANCHOR BOLT (MAX. @9000/c)
- ▽ - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2N05-HILTI HS13-R M12 ANCHOR BOLT (MAX. @9000/c)
- ▲ - 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1N0-HILTI HS13-R M8 ANCHOR BOLT (MAX. @9000/c)
- S.L. - STACK JOINT
- - 3 mm THK. ALUM. CLADDING

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:** -

UNIT: 美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
610 Che Kwong Road, Kowloon
Tel: 23489211-4 Fax: (852) 2727666

DWG NO.: 1837-GC-2201 **REV.:** C

JOB NO.: J-837

NO.:

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

NOTE:

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

LEGEND:

- ④ - DETAIL MARK NO.
- ④001 - REFER SHEET NO.
- 1. F.F.L. --- FINISHED FLOOR LEVEL
- 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
- 3. (R) --- REVERSED DETAIL

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

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
 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
C	30/1/2019	GENERAL REVISED	
B	17/11/2018	GENERAL REVISED	
A	15/10/2018	GENERAL REVISED	


JOB NO. : J-837

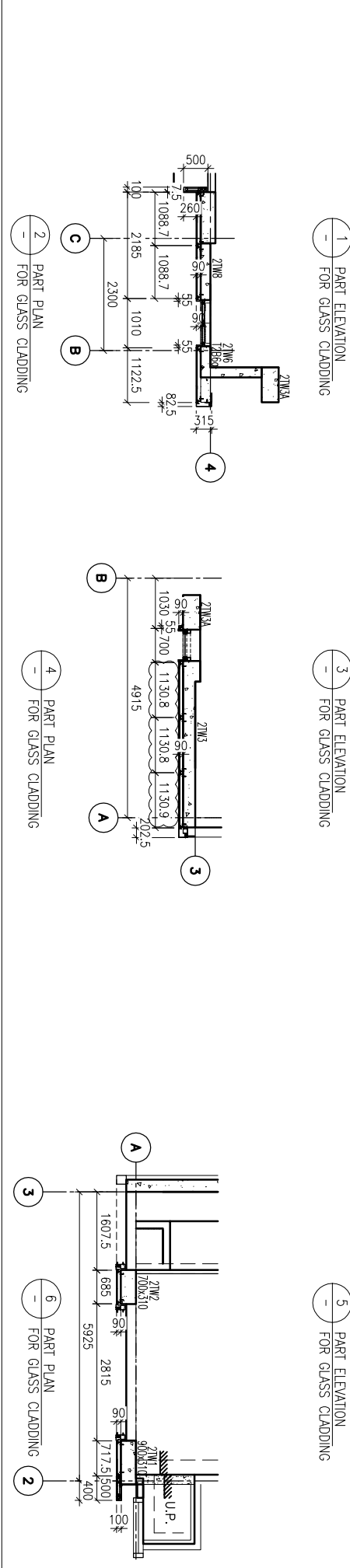
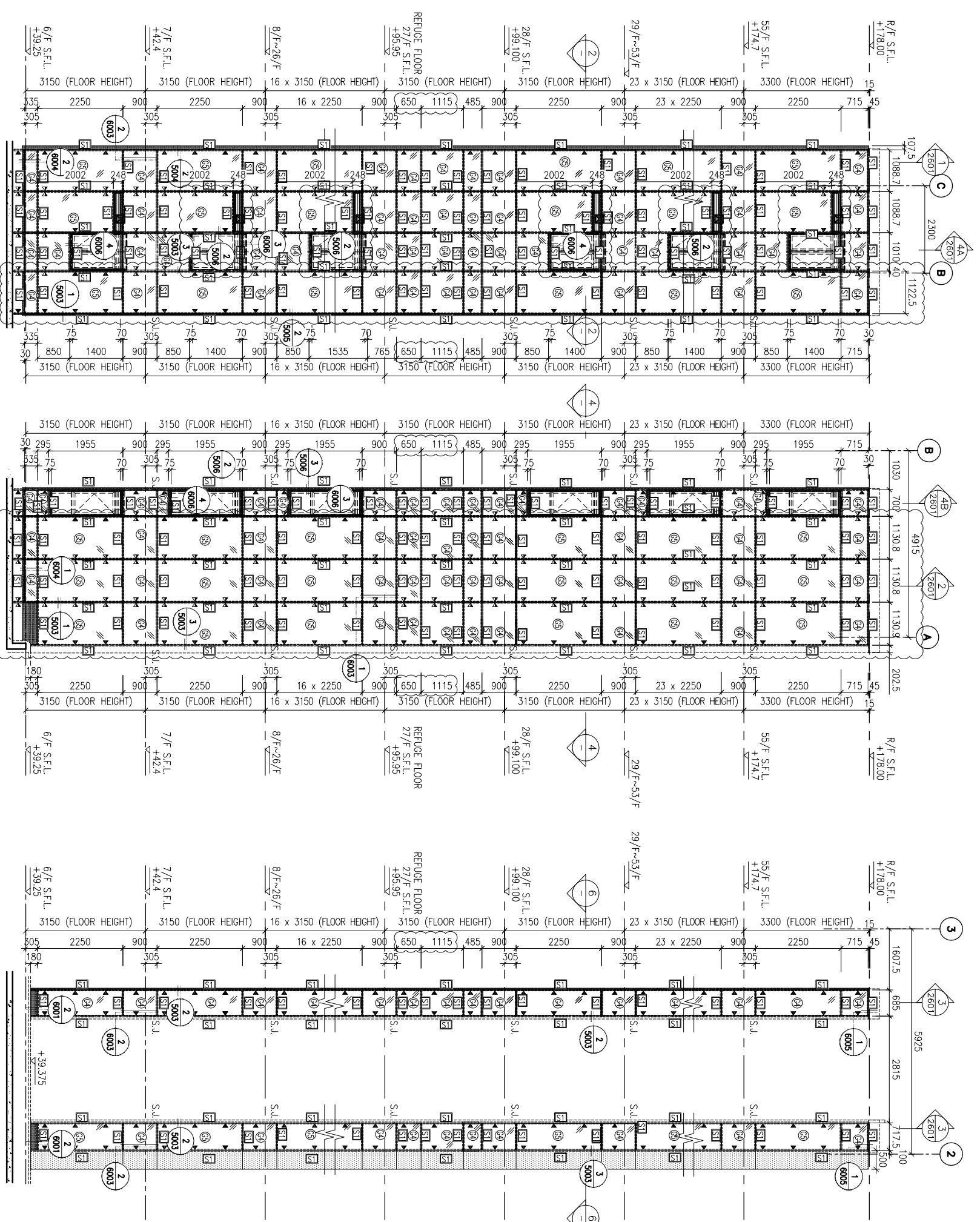
PROJECT :
 URA KWUN TONG TOWN CENTRE
 REDEVELOPMENT (AREA 2 & 3) AT
 NKIL 6514, KWUN TONG, KWLOON

TITLE :
 PART ELEVATION
 OF GLASS CLADDING
 AT TOWER 2








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

DRAWN BY : ASING
 CHECKED BY : -

UNITED ALUMINIUM FABRICATOR LTD.
 MIDI ALUMINIUM FABRICATOR 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-2202
 REV. : C



LEGEND:

	50x37x5mm THK. G.M.S. CHANNEL (CUT FROM 100x50x3mm THK. G.M.S. R.H.S.) (FOR LOAD WIDTH ≤ 1131)
	8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
	8 mm THK. TEMPERED BLUE TINTED GLASS
	100x65x6mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2N05-HILLI H573-R W8 ANCHOR BOLT (MAX. @90c/c)
	100x65x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1N0-HILLI H573-R W8 ANCHOR BOLT (MAX. @90c/c)
	S.L. --- STICK JOINT
	3 mm THK. ALUM. CLADDING

B.D. REF :

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

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS
WTF

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

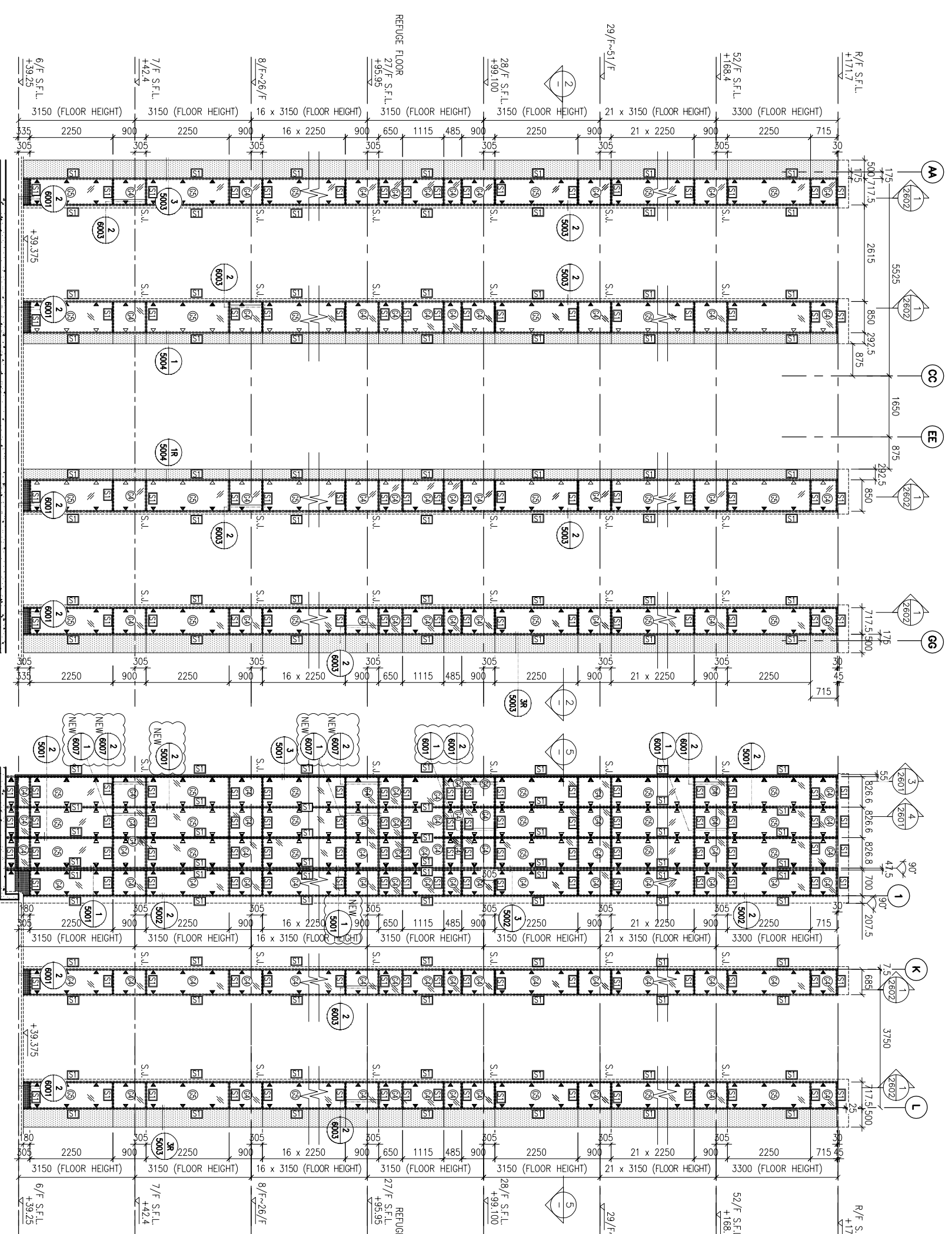
FAÇADE CONSULTANT:
AECOM

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:
①②③④⑤⑥⑦⑧⑨⑩⑪⑫⑬⑭⑮⑯⑰⑱⑲⑳㉑㉒㉓㉔㉕
--- DETAIL MARK NO.
--- 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
TITLE : PART ELEVATION OF GLASS CLADDING AT TOWER 3
DATE : 04-JUL-18
SCALE : 1:60 (A1)
DRAWN BY : ASING
CHECKED BY : -
JOB NO. : J-837
PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWILLOON
TITLE : PART ELEVATION OF GLASS CLADDING AT TOWER 3
DATE : 04-JUL-18
SCALE : 1:60 (A1)
DRAWN BY : ASING
CHECKED BY : -

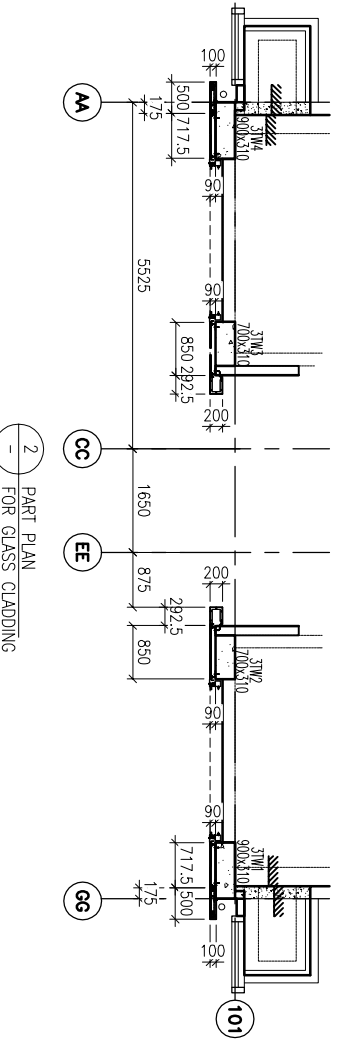
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Chea Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27272666
DWG NO. : J837-GC-2301
REV. : C



1 PART ELEVATION FOR GLASS CLADDING

3 PART ELEVATION FOR GLASS CLADDING

4 PART ELEVATION FOR GLASS CLADDING

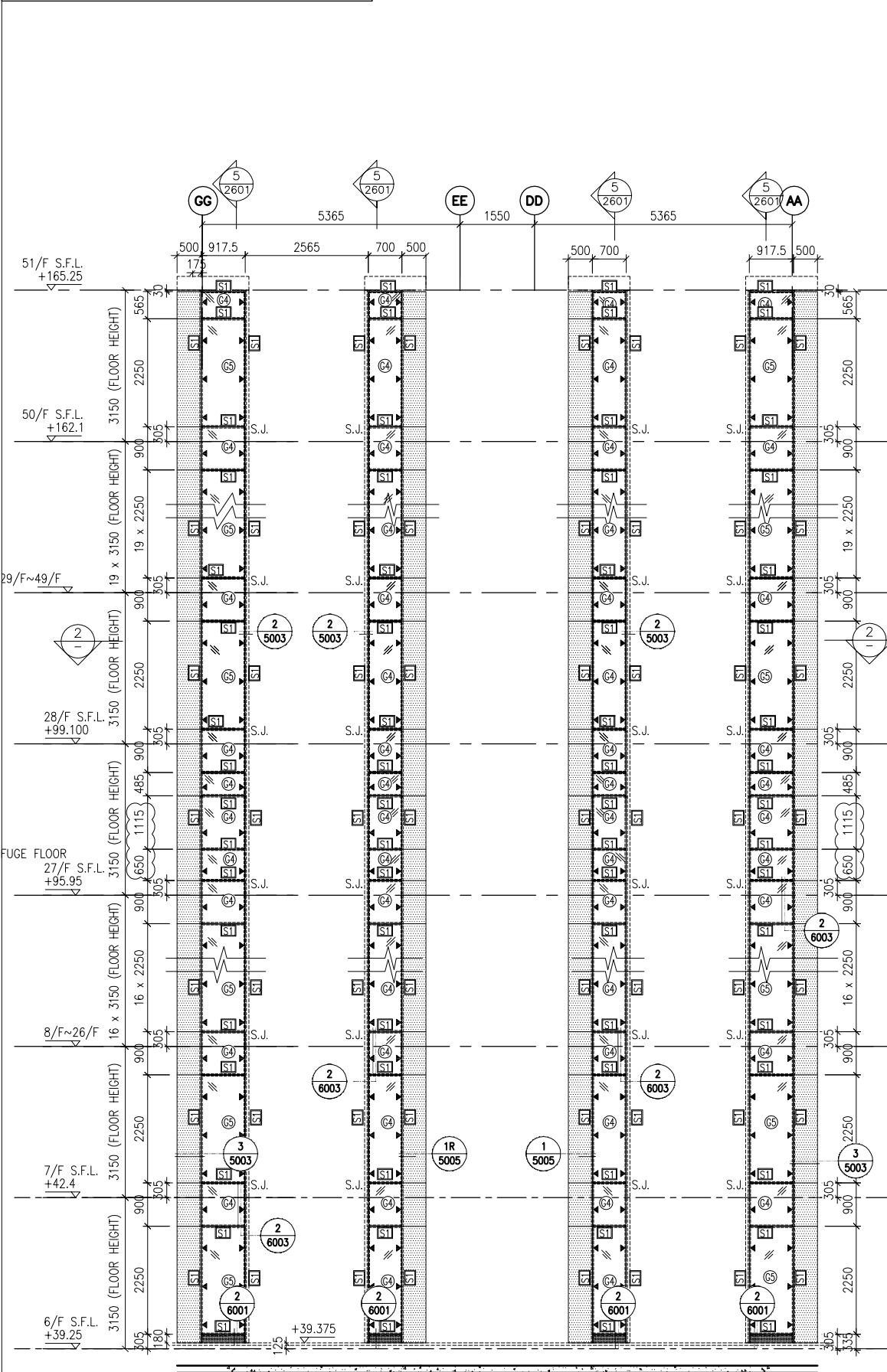


2 PART PLAN FOR GLASS CLADDING

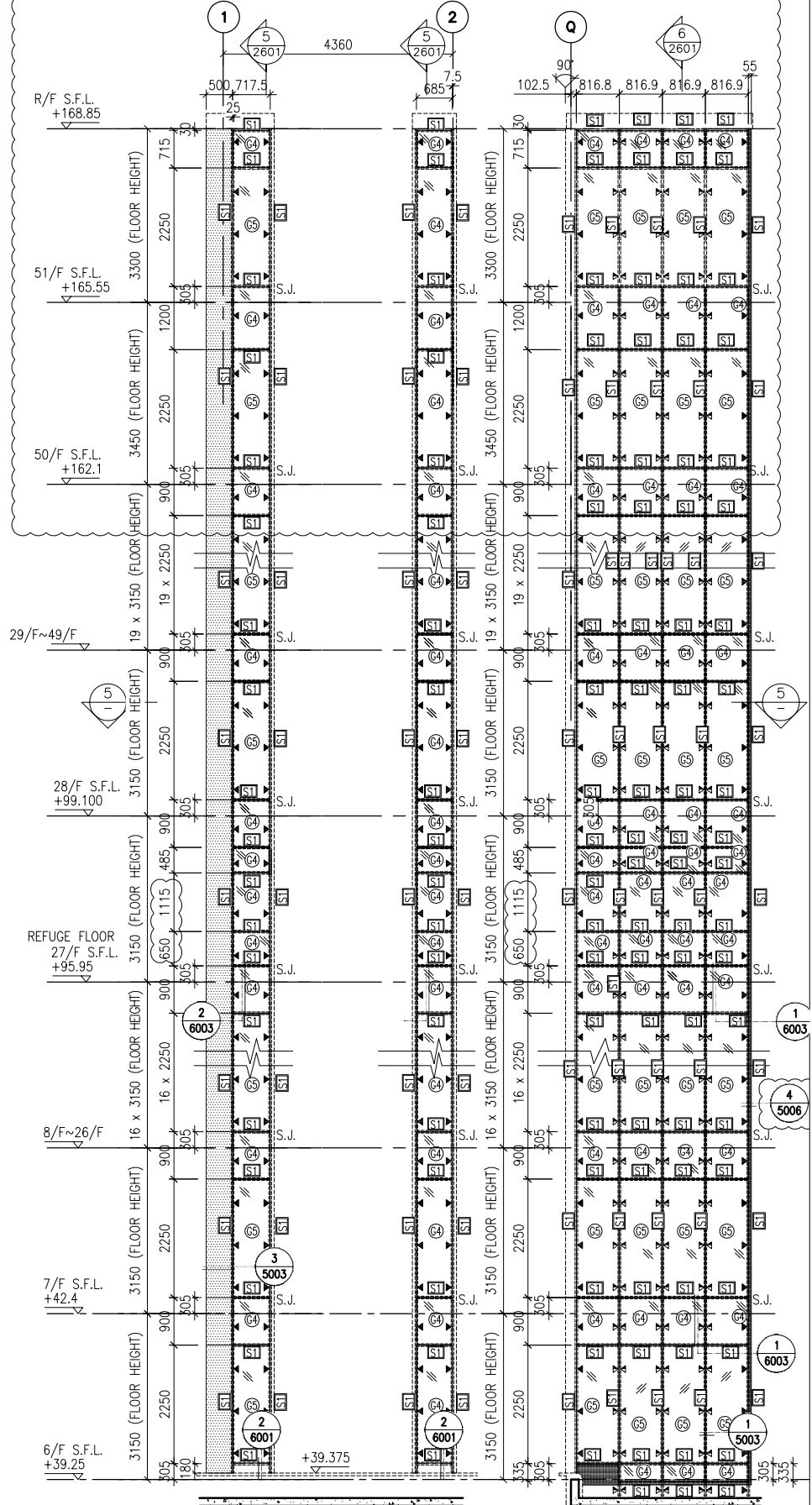
5 PART PLAN FOR GLASS CLADDING

LEGEND:

- 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)
- S.J. - STACK JOINT
- 3 mm THK. ALUM. CLADDING

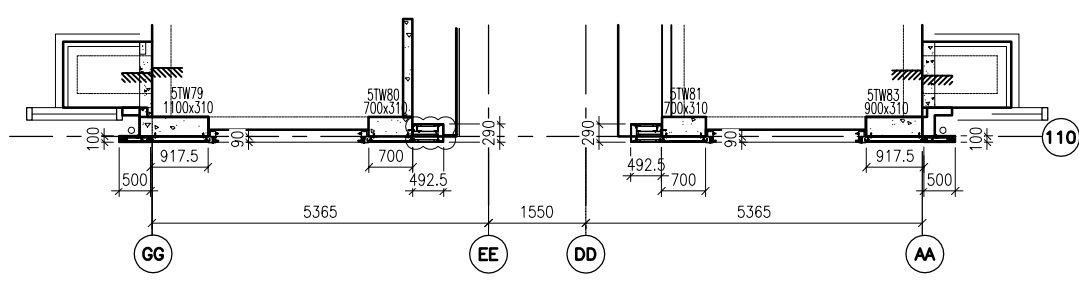


1 - PART ELEVATION FOR GLASS CLADDING

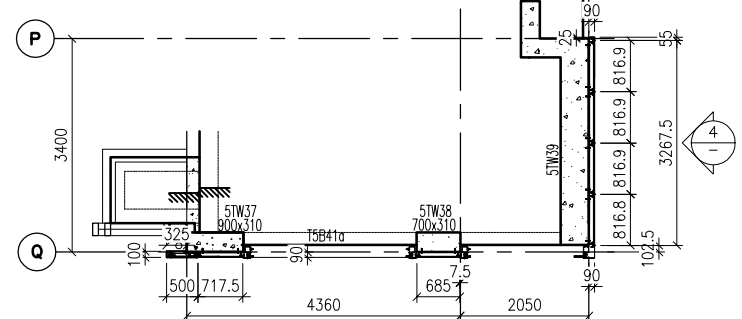


3 - PART ELEVATION FOR GLASS CLADDING

4 - PART ELEVATION FOR GLASS CLADDING



2 - PART PLAN FOR GLASS CLADDING



1 - 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: AECOM</p> <p>FAÇADE CONSULTANT: AECOM</p>	<p>PROJECT: URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWILON</p> <p>JOB NO.: J-837</p> <p>DATE: 15/10/2018</p> <p>REVISION:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">NO.</td> <td style="width: 15%;">DATE</td> <td style="width: 80%;">REVISION</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>	NO.	DATE	REVISION	C	30/1/2019	GENERAL REVISED	B	17/11/2018	GENERAL REVISED	A	15/10/2018	GENERAL REVISED	<p>TITLE: PART ELEVATION OF GLASS CLADDING AT TOWER 5</p> <p>DATE: 04-JUL-18</p> <p>SCALE: 1:60 (A1)</p> <p>DRAWN BY: ASING</p> <p>CHECKED BY: -</p>	<p>NOTE:</p> <ol style="list-style-type: none"> ALL DIMENSIONS ARE IN mm. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION. <p>LEGEND:</p> <p> - DETAIL MARK NO.</p> <p> - 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>REV.: C</p> <p>DWG NO.: 1837-GC-2501</p>
NO.	DATE	REVISION														
C	30/1/2019	GENERAL REVISED														
B	17/11/2018	GENERAL REVISED														
A	15/10/2018	GENERAL REVISED														



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

ARCHITECT :
 WONG TUNG & PARTNERS LIMITED
 ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AECOM
 FACADE CONSULTANT:
 AECOM

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

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

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

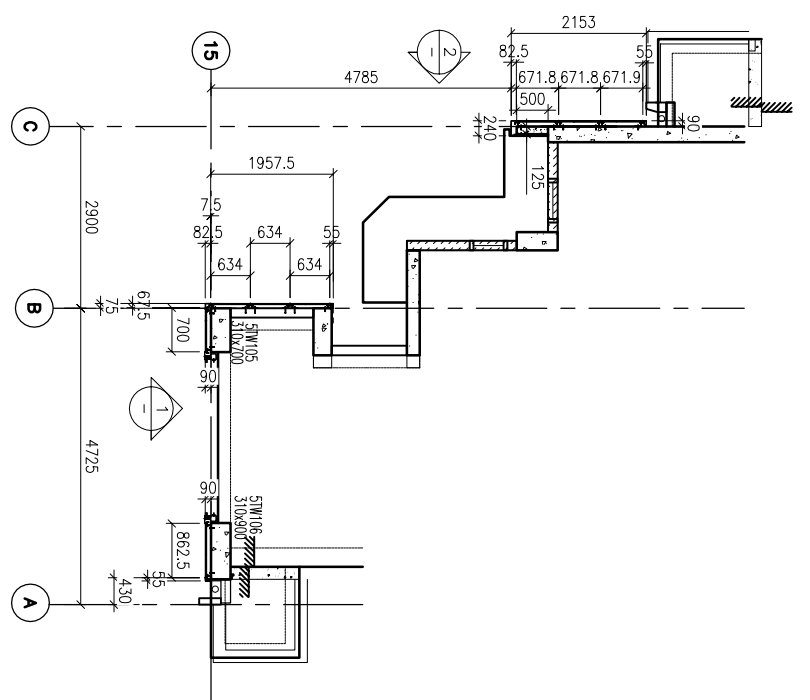
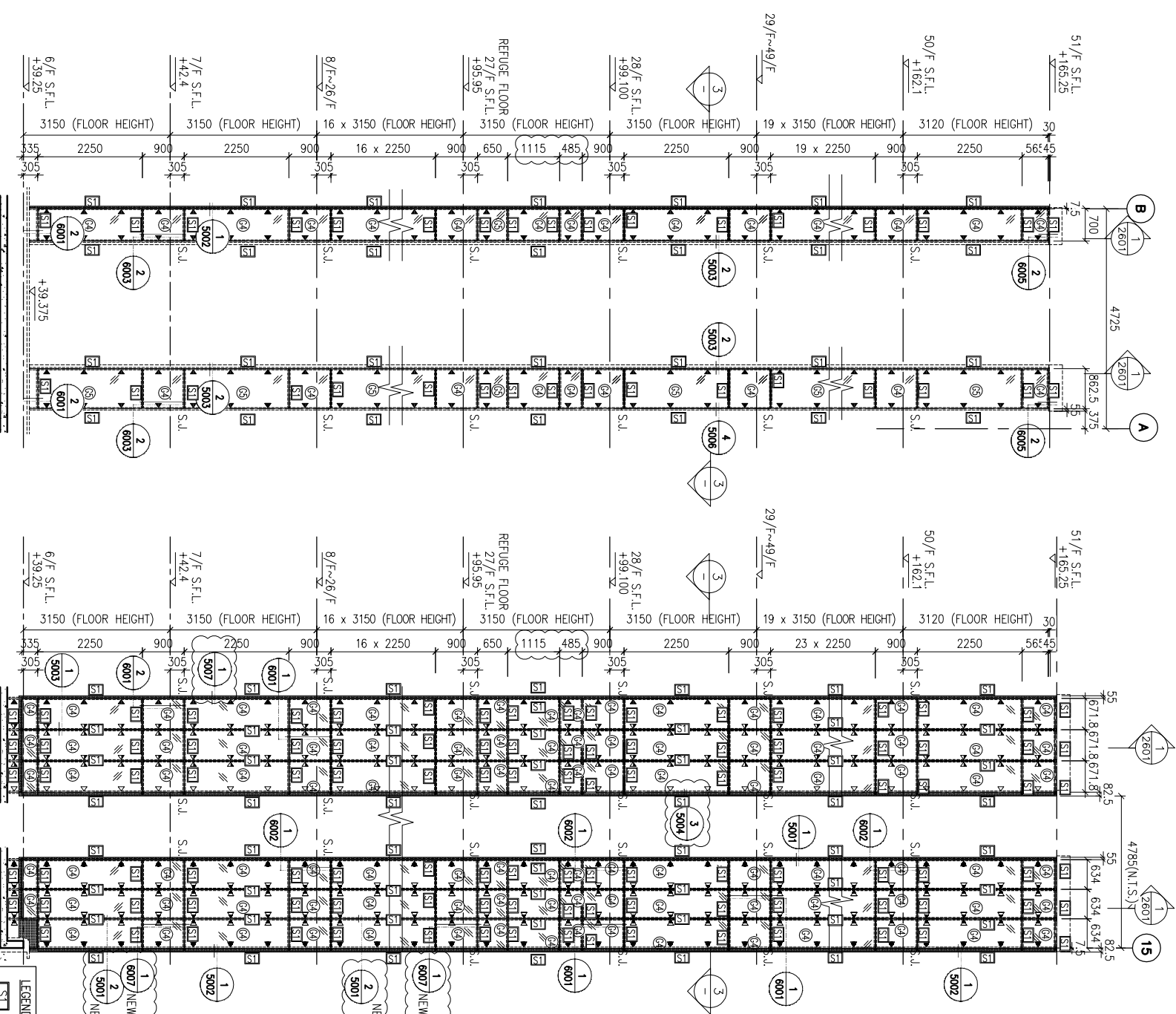
JOB NO. : J-837
 DRAWN BY : ASING
 PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON











TITLE :
 PART ELEVATION
 OF GLASS CLADDING
 AT TOWER 5

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

DRAWN BY : ASING
 CHECKED BY : -


 美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666
 DWG NO. : J837-GC-2502
 REV. : C



LEGEND:
 S1 --- 50x37x5mm THK. G.M.S. CHANNEL (OUT FROM 100x50x3mm THK. G.M.S. R.H.S.)
 S2 --- 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDEL GLASS)
 S3 --- 8 mm THK. TEMPERED BLUE TINTED GLASS
 S4 --- 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2N05-HLIT HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 S5 --- 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=250mm) W/ 2N05-HLIT HST3-R M12 ANCHOR BOLT (MAX. @900c/c)
 S6 --- 100x65x8mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1N0-HLIT HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 S7 --- 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 2N05-HLIT HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 S8 --- 100x50x6mm THK. G.M.S. ANGLE BRACKET (L=200mm) W/ 1N0-HLIT HST3-R M8 ANCHOR BOLT (MAX. @900c/c)
 S9 --- STACK JOINT
 S10 --- 3 mm THK. ALUM. CLADDING

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

ARCHITECT :
 WONG TUNG & PARTNERS LIMITED
 ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AECOM
 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

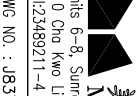
NO.	DATE	REVISION	BY
B	30/1/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	

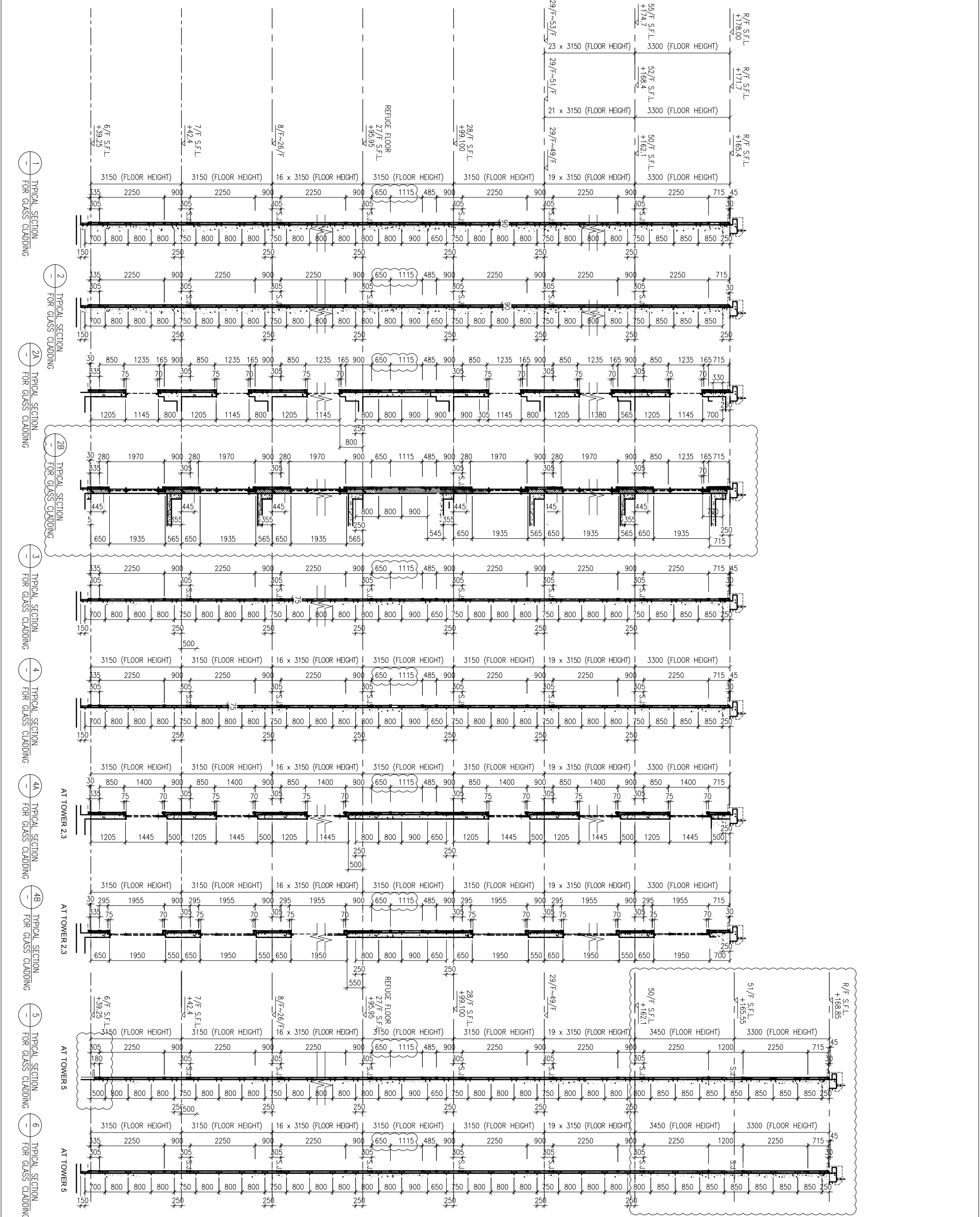
JOB NO. : J-837

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 : -

 美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Chee Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27276666
 DWG NO. : J837-GC-2601
 REV. : B



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.
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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

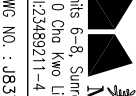
NO.	DATE	REVISION	BY
B	30/1/2019	GENERAL REVISED	
A	17/11/2018	GENERAL REVISED	

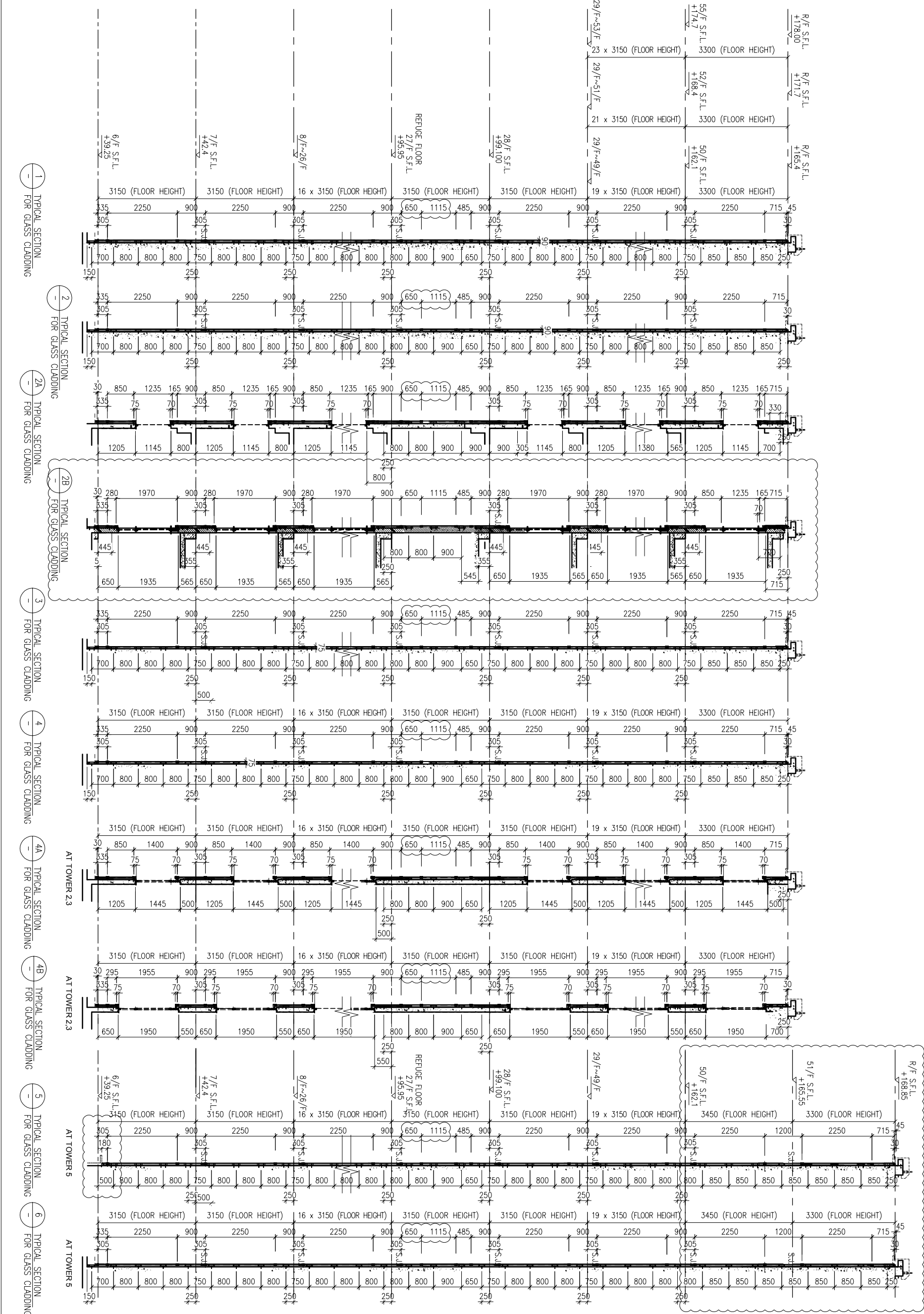
JOB NO. : J-837

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 : -

 美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Chee Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 27276666
 DWG NO. : J837-GC-2601
 REV. : B



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 TYPICAL SECTION FOR GLASS CLADDING

4B TYPICAL SECTION FOR GLASS CLADDING

5 TYPICAL SECTION FOR GLASS CLADDING

6 TYPICAL SECTION FOR GLASS CLADDING


AT TOWER 2,3


AT TOWER 2,3


AT TOWER 5

AT TOWER 5

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 :
① X1 --- DETAIL MARK NO.
② 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

J-837


JOB NO. : J-837

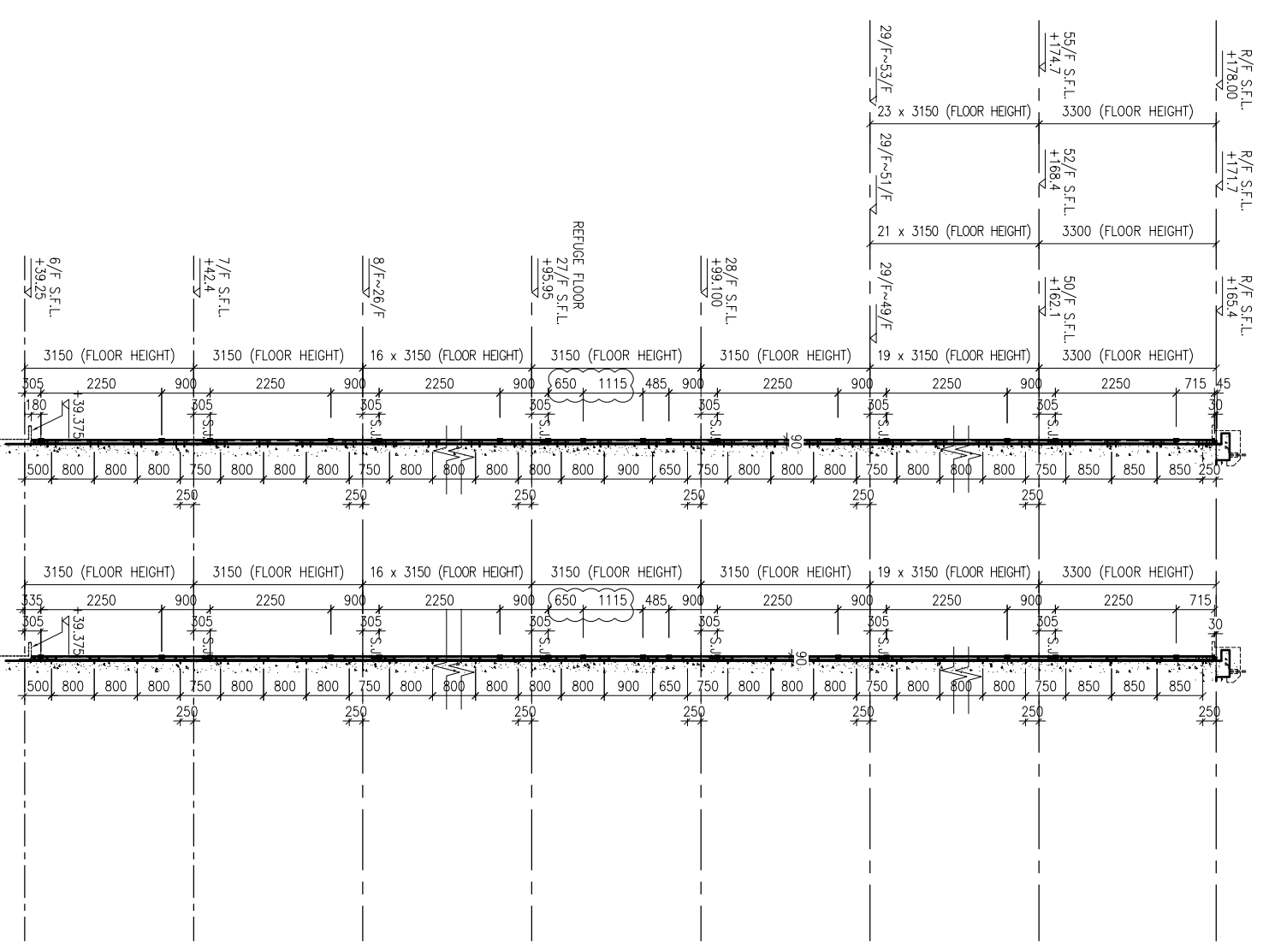
PROJECT :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWILOON

TITLE :
TYPICAL SECTION
OF GLASS CLADDING

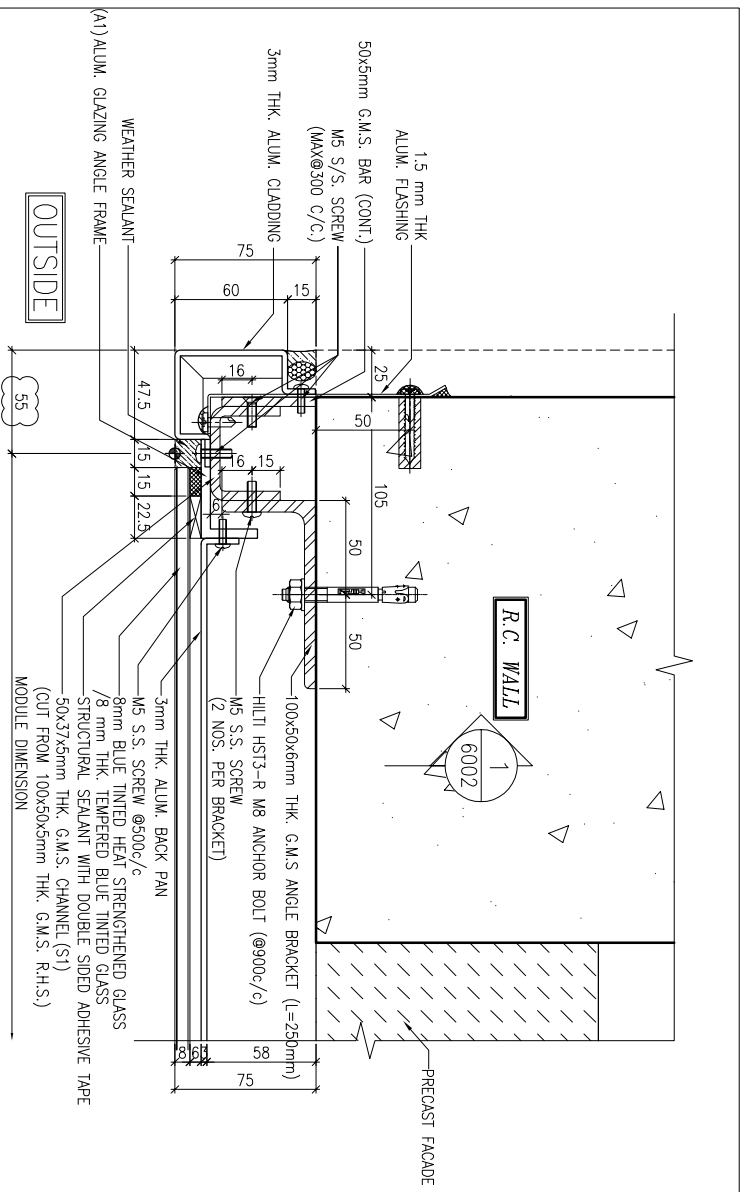
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SCALE : 1:60 (A1)

DRAWN BY : ASING
CHECKED BY : -

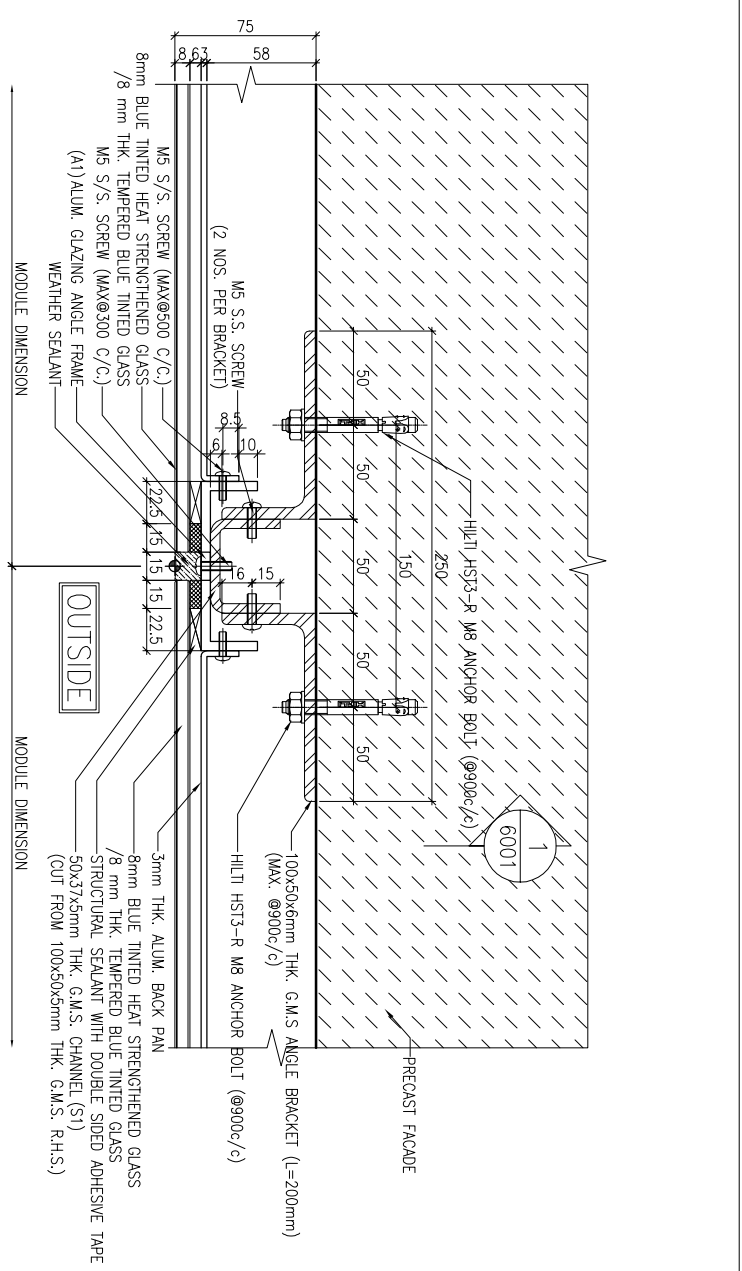
 美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666
DWG NO. : J837-GC-2602
REV. : -



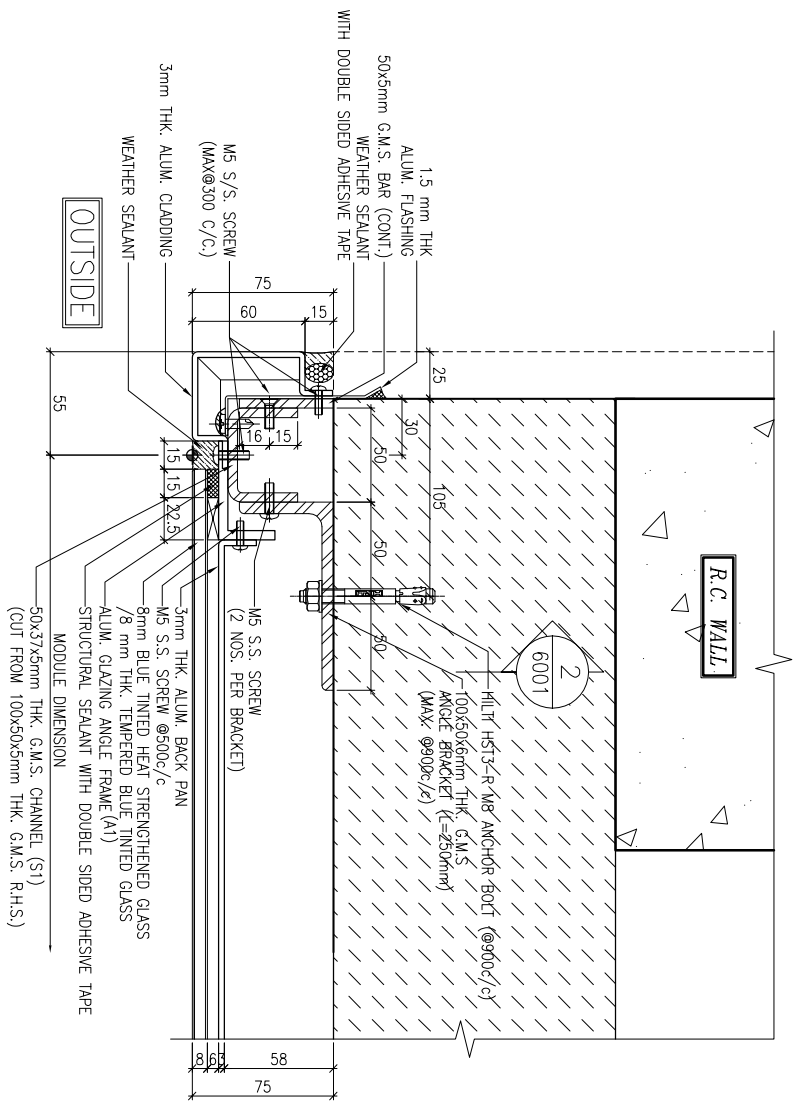
1 TYPICAL SECTION FOR GLASS CLADDING AT TOWER 12
2 TYPICAL SECTION FOR GLASS CLADDING AT TOWER 12



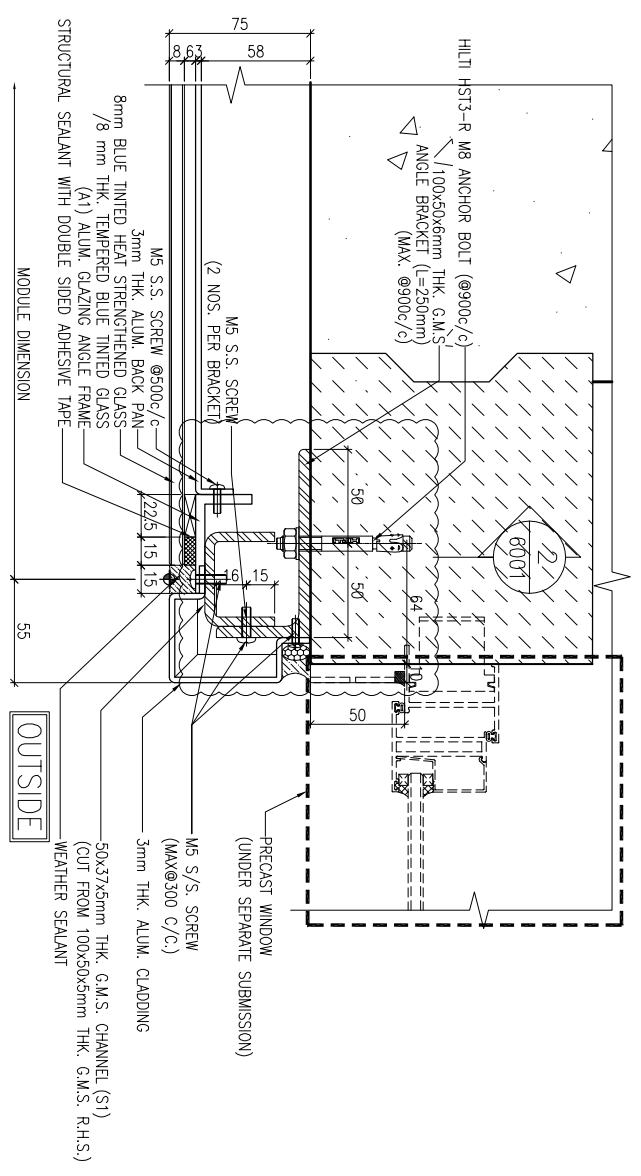
1 TYPICAL MULLION DETAIL
5001 GLASS CLADDING



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

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	

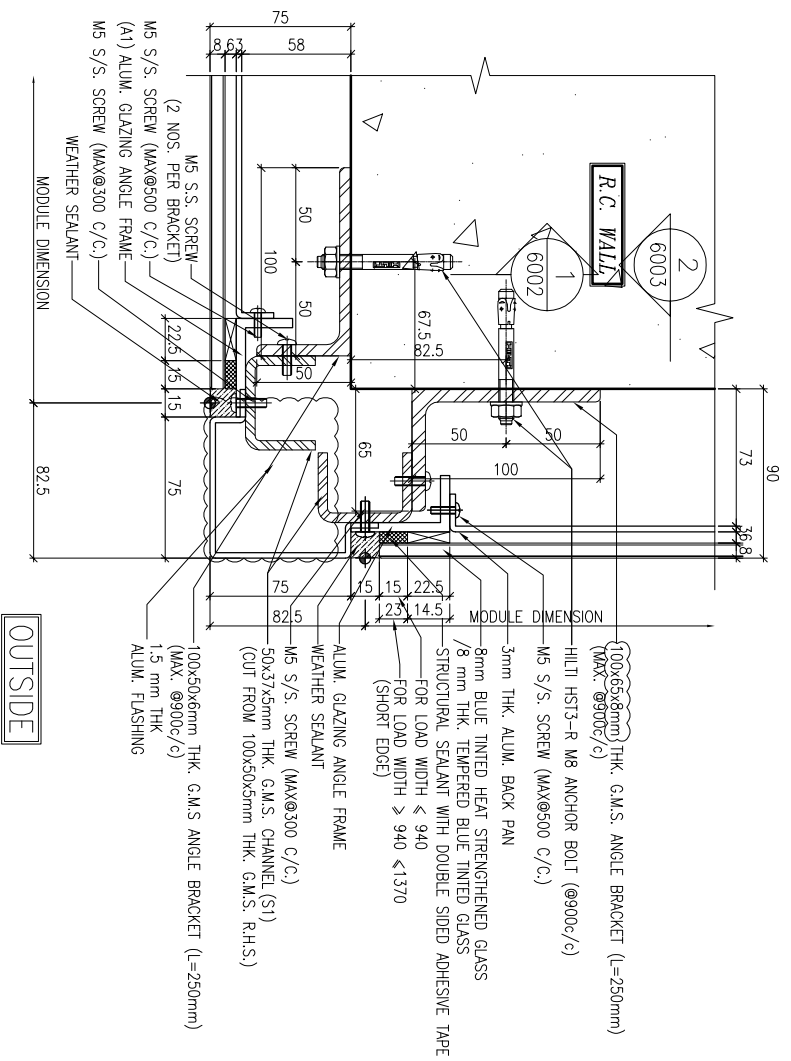
JOB NO. : J-837

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

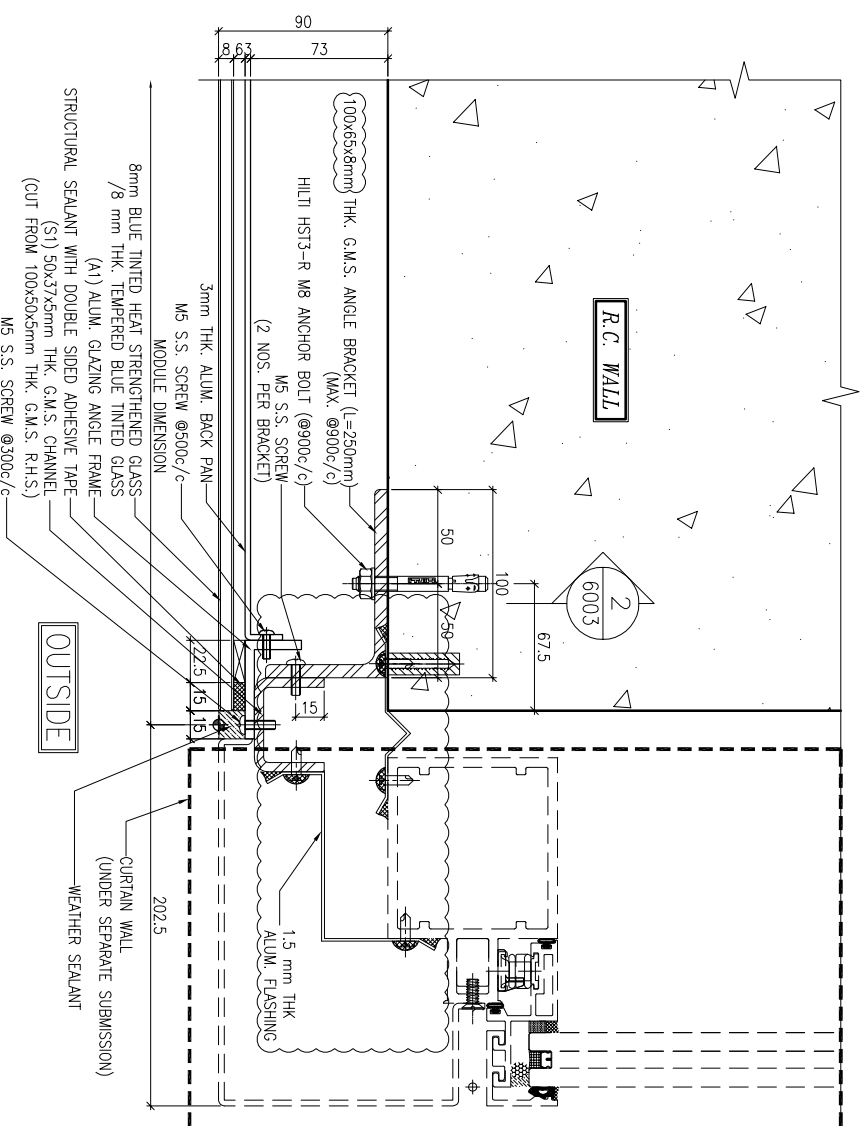
TITLE :
TYPICAL MULLION DETAIL
FOR GLASS CLADDING

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

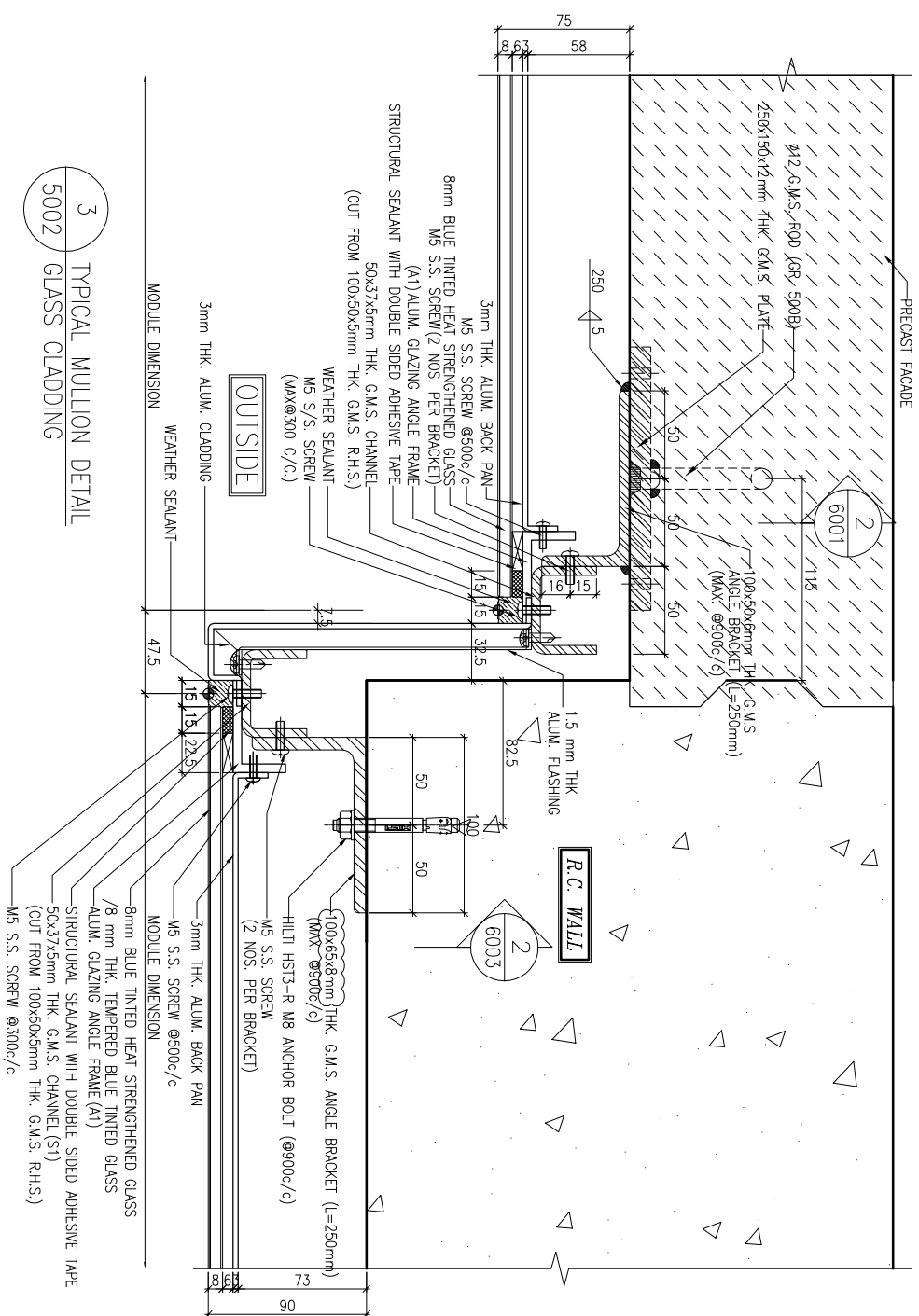
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666
DWG NO. : J837-GC-5001 REV. : B



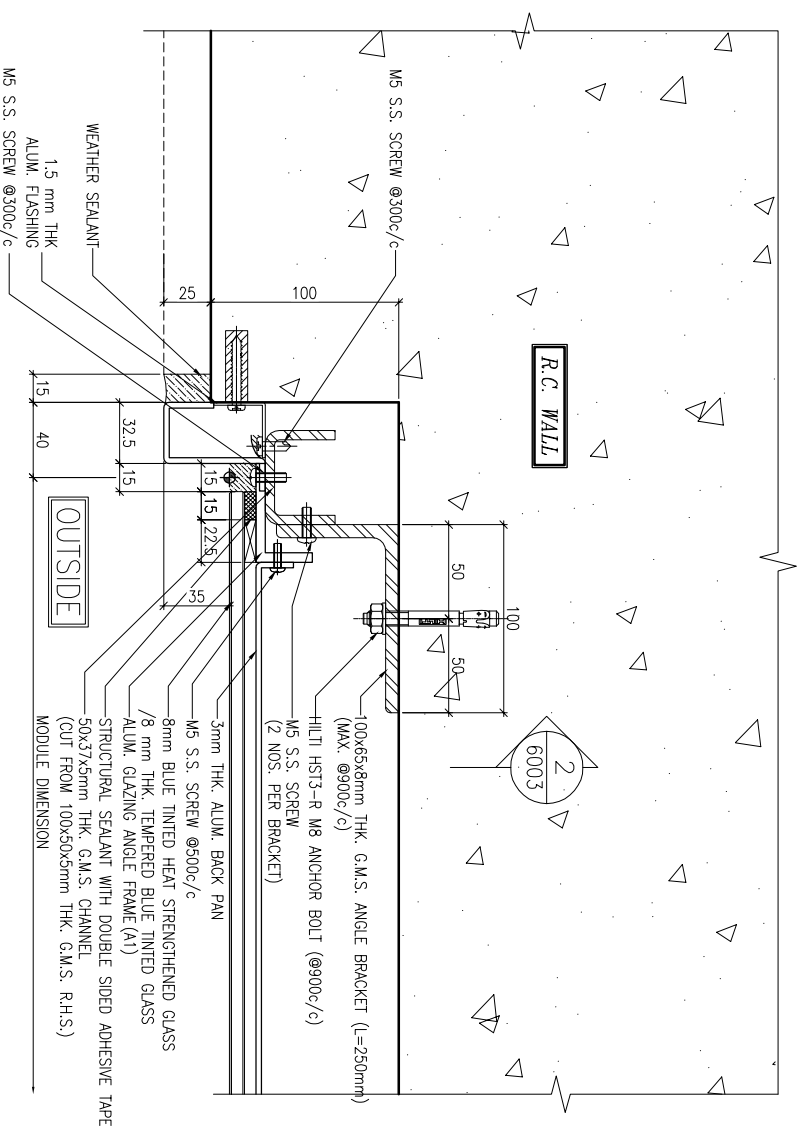
1 TYPICAL MULLION DETAIL
5002 GLASS CLADDING



2 TYPICAL MULLION DETAIL
5002 GLASS CLADDING



3 TYPICAL MULLION DETAIL
5002 GLASS CLADDING



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

B.D. REF :

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

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM
FACADE CONSULTANT:
AECOM

NOTE:
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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	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

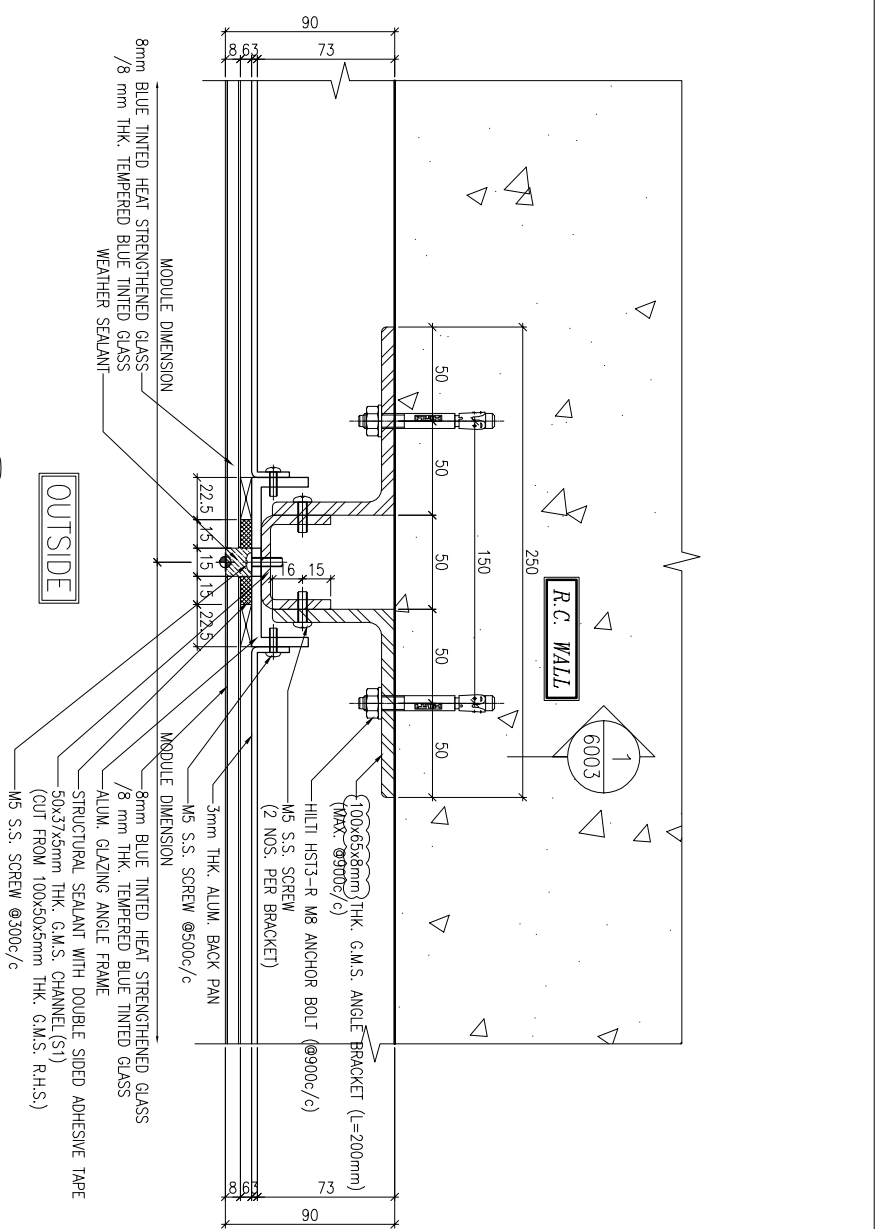
TITLE :
TYPICAL MULLION DETAIL
FOR GLASS CLADDING

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

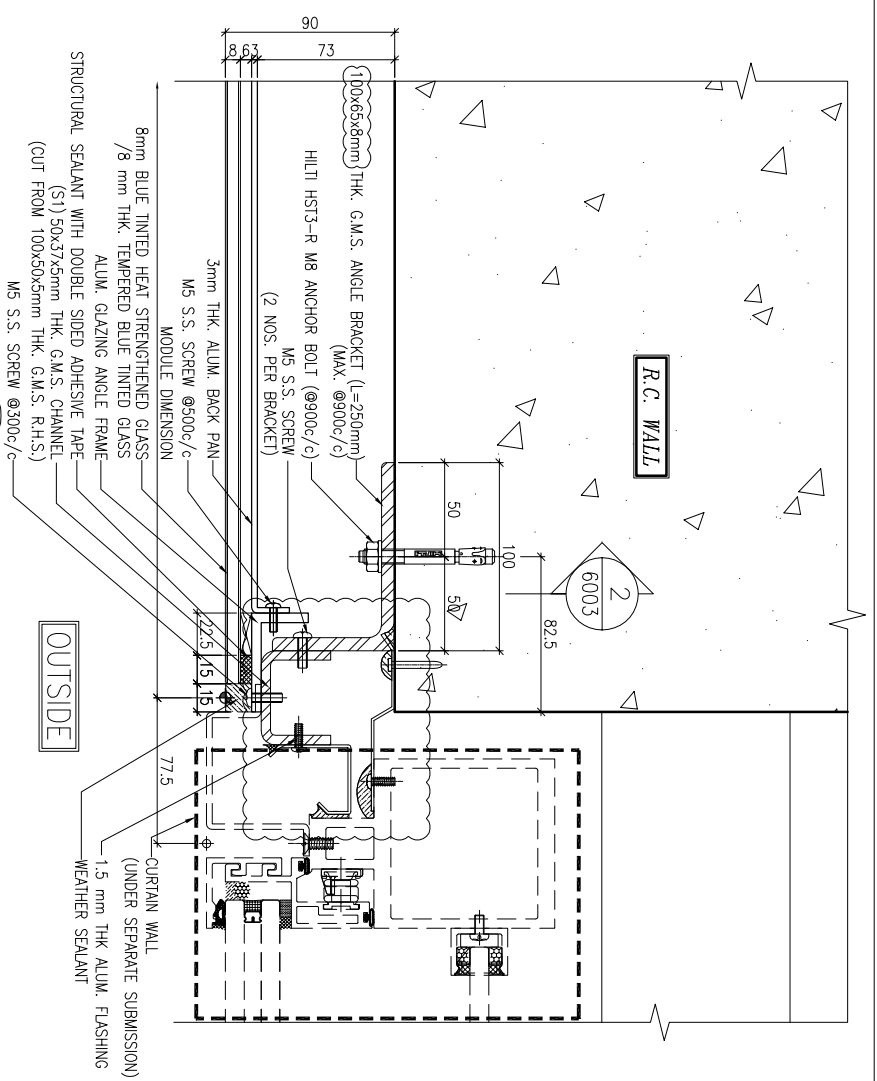
DRAWN BY : ASING CHECKED BY : -

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

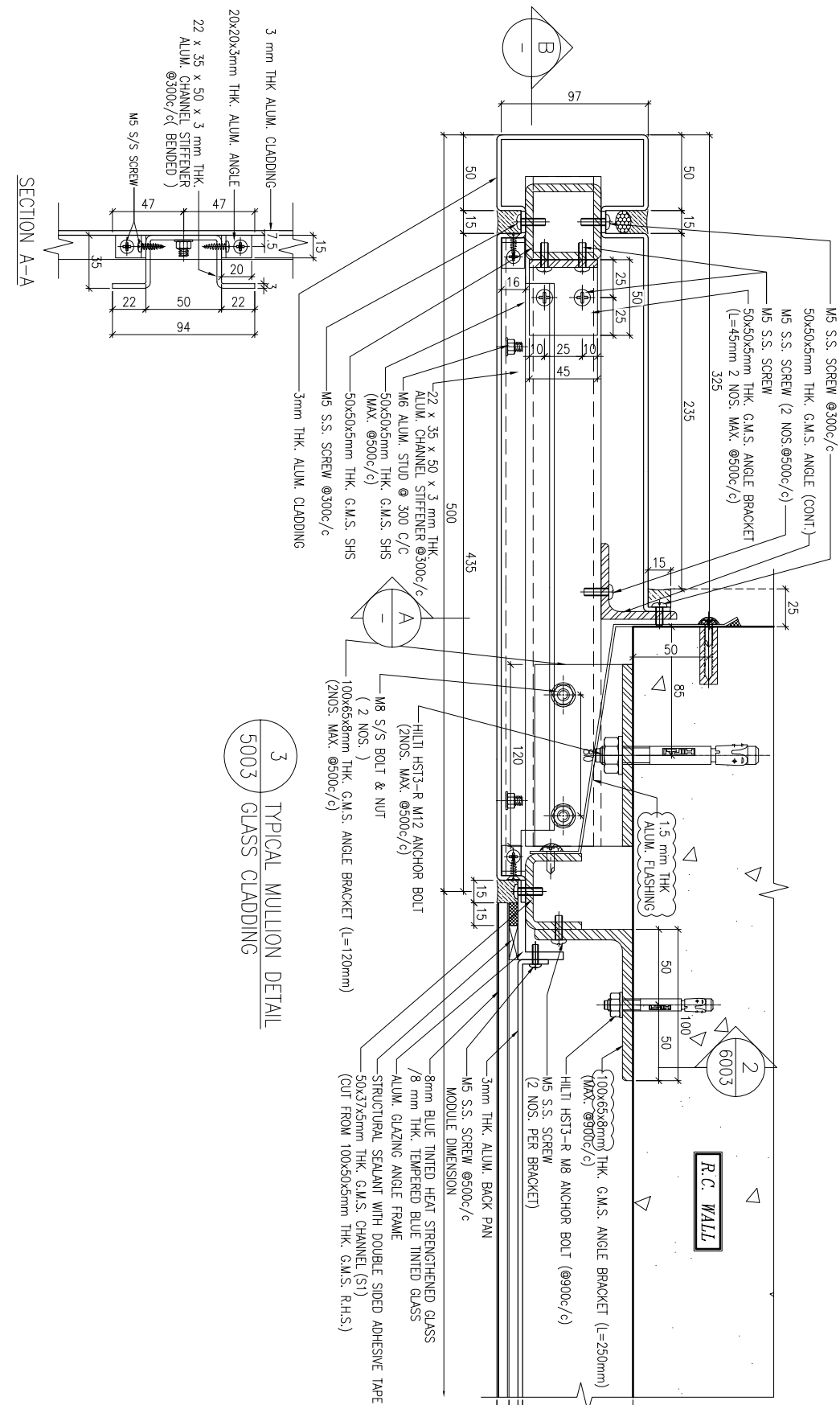
DWG NO. : 1837-GC-5002 REV. : B



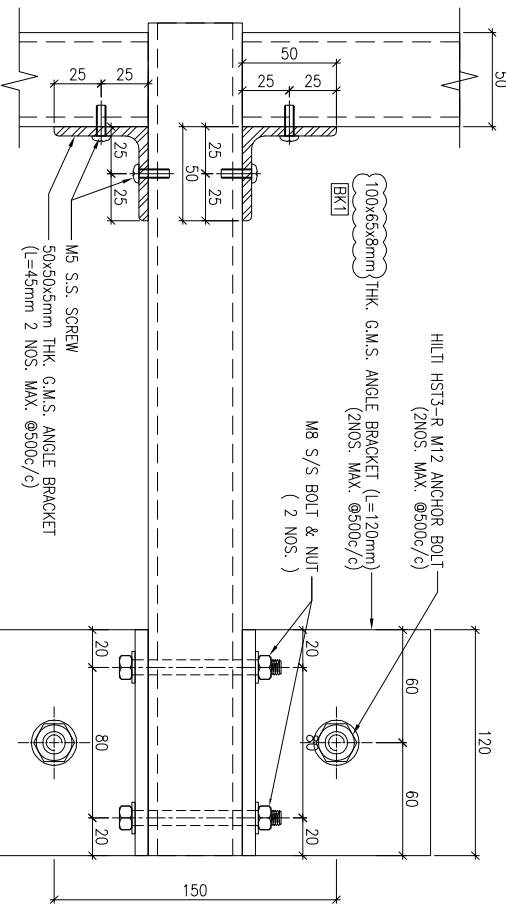
1 TYPICAL MULLION DETAIL
5003 GLASS CLADDING



2 TYPICAL MULLION DETAIL
5003 GLASS CLADDING



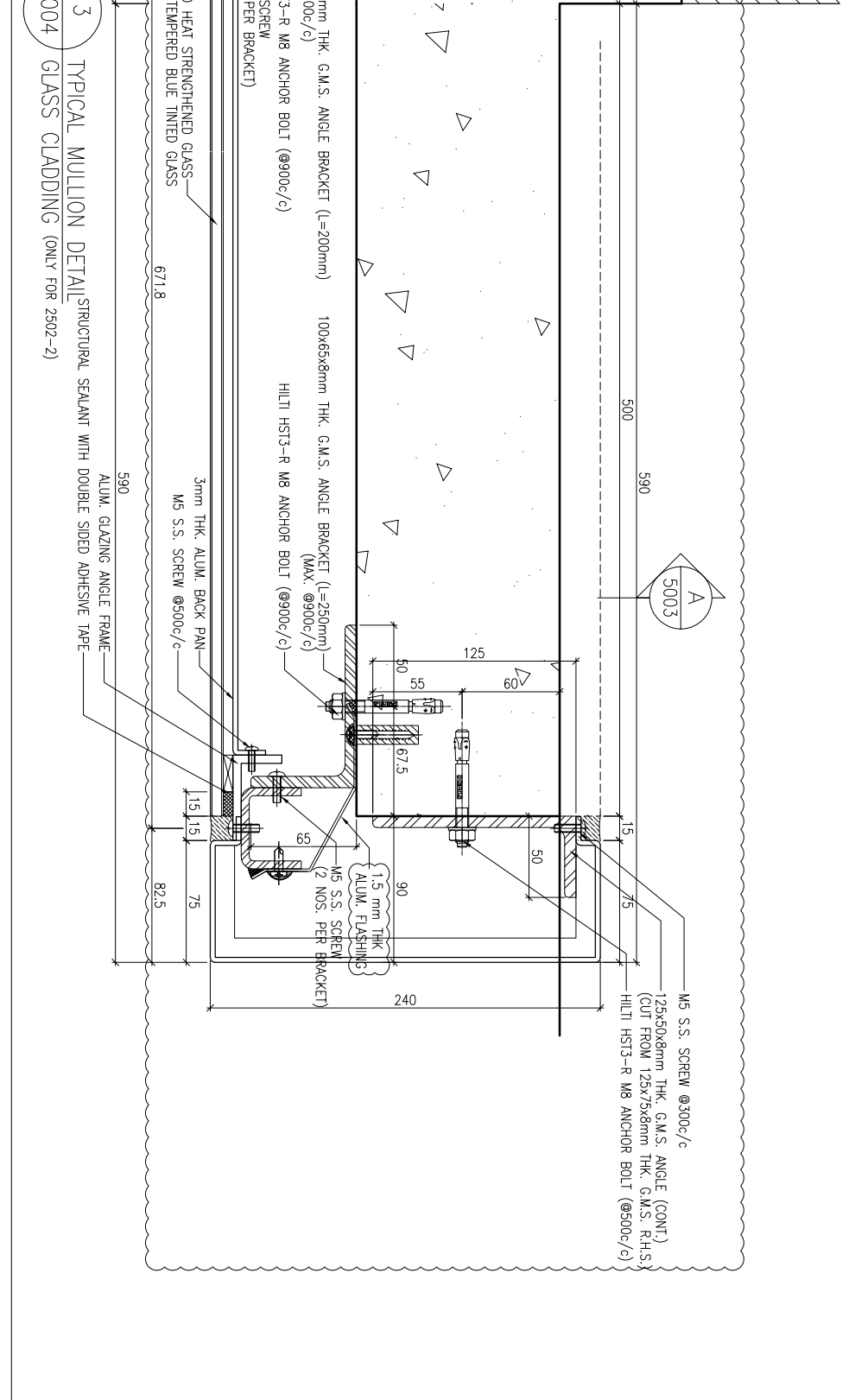
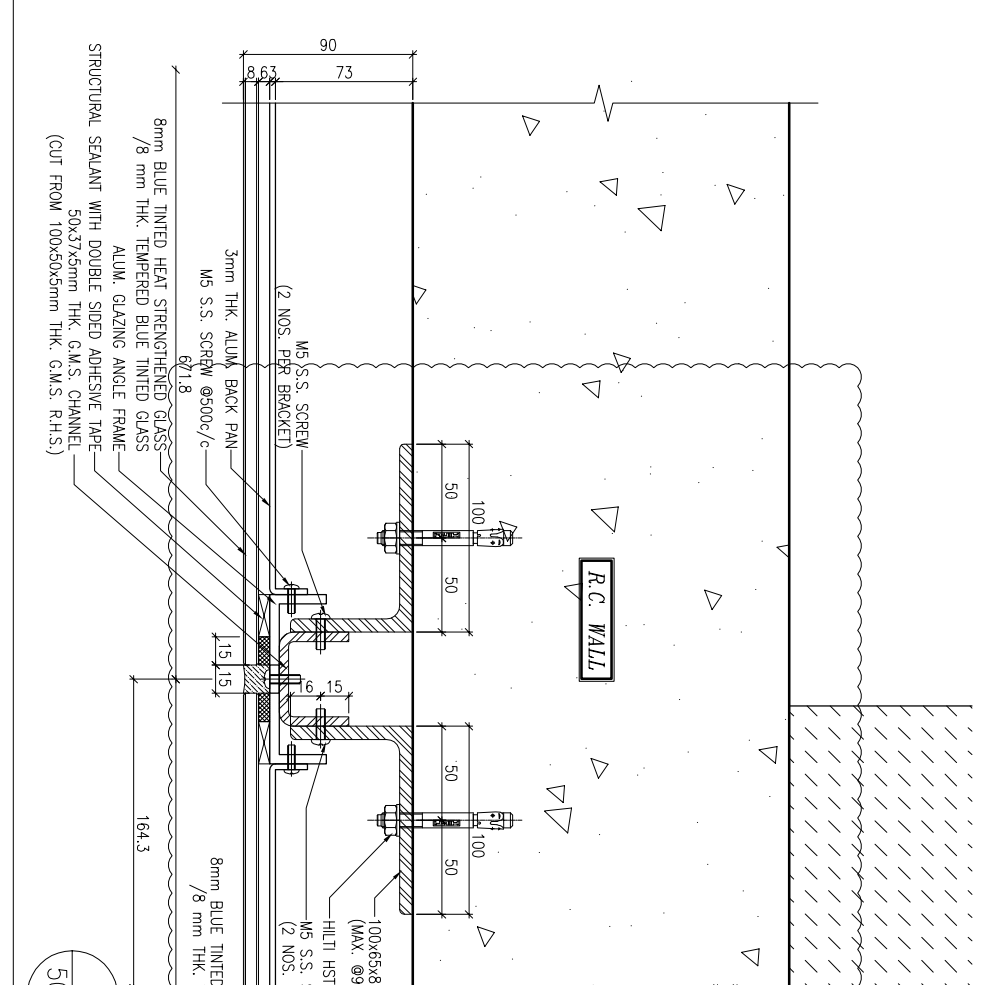
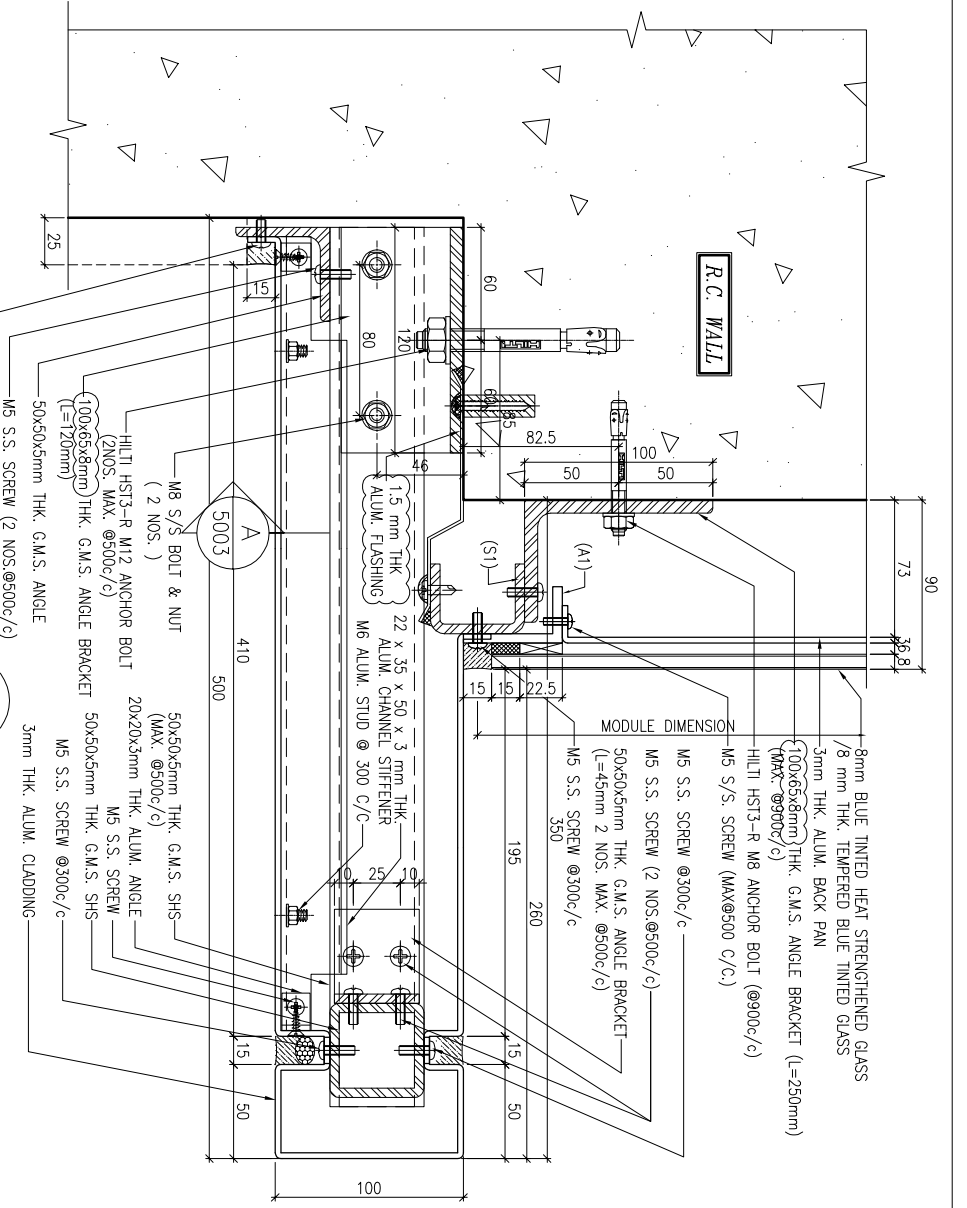
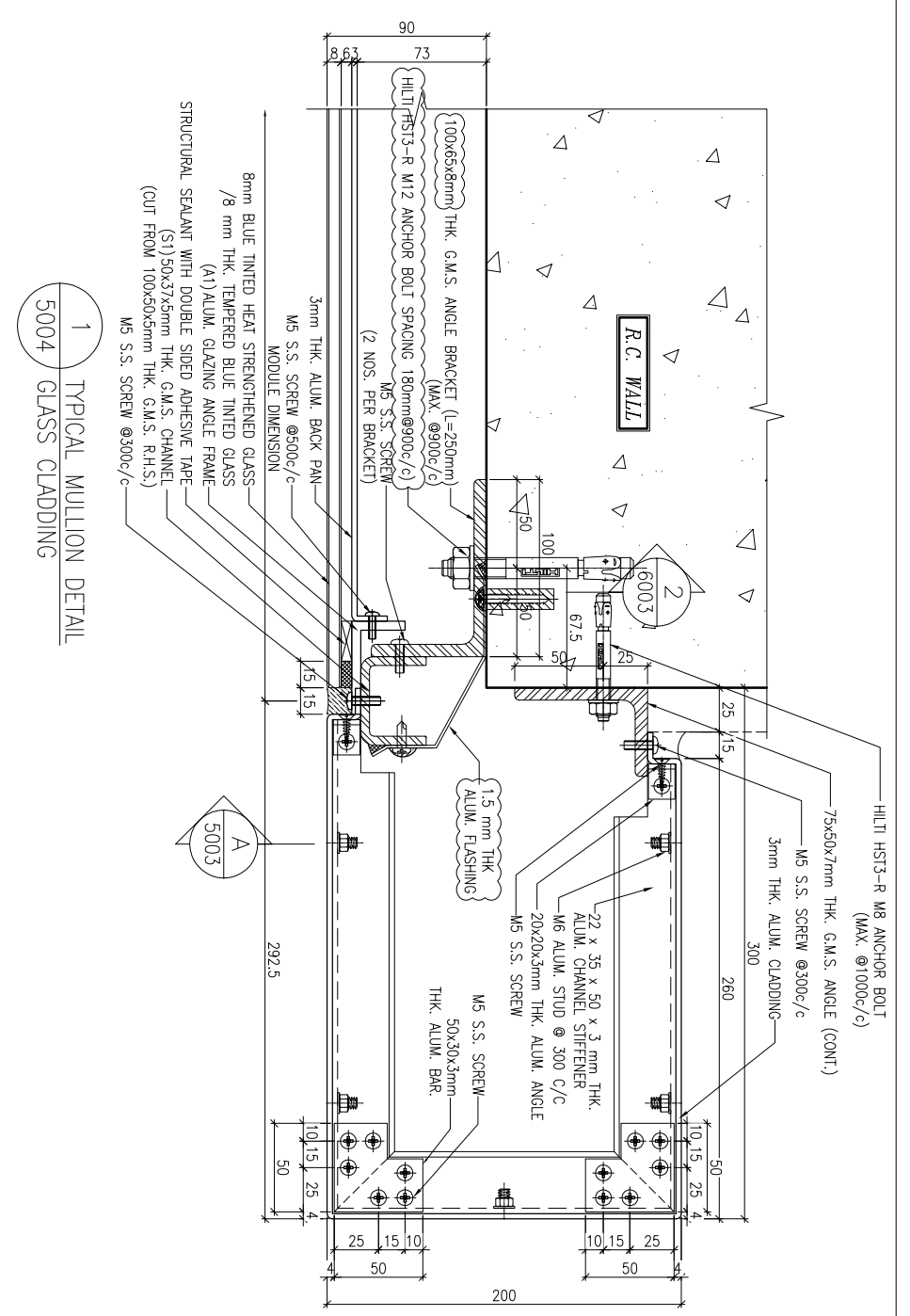
3 TYPICAL MULLION DETAIL
5003 GLASS CLADDING



SECTION B-B

B.D. REF :		CLIENT : 信和置業有限公司 Sino Land Company Limited	
ARCHITECT : WONG TUNG & PARTNERS LIMITED ARCHITECTS & PLANNERS		ARCHITECT : WTF	
STRUCTURAL ENGINEER : CR Construction Company Limited		ARCHITECT : WTF	
FACADE CONSULTANT : AECOM		ARCHITECT : WTF	
NOTE : 1. ALL DIMENSIONS ARE IN mm. 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE. 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.		ARCHITECT : WTF	
LEGEND : X1 --- DETAIL MARK NO. X001 --- REFER SHEET NO.		ARCHITECT : WTF	
1. F.F.L. --- FINISHED FLOOR LEVEL 2. S.F.L. --- STRUCTURAL FLOOR LEVEL 3. (R) --- REVERSED DETAIL		ARCHITECT : WTF	
JOB NO. : J-837		ARCHITECT : WTF	
PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWILON		ARCHITECT : WTF	
TITLE : TYPICAL MULLION DETAIL FOR GLASS CLADDING		ARCHITECT : WTF	
DATE : 4-Sep-18		ARCHITECT : WTF	
DRAWN BY : ASING		ARCHITECT : WTF	
CHECKED BY : -		ARCHITECT : WTF	
SCALE : 1:2 (A1)		ARCHITECT : WTF	
NO. DATE REVISION		ARCHITECT : WTF	
A 15/10/2018 GENERAL REVISED		ARCHITECT : WTF	
B 17/11/2018 GENERAL REVISED		ARCHITECT : WTF	
DWG NO. : 4837-GC-5003		ARCHITECT : WTF	
REV. : B		ARCHITECT : WTF	

UNITED STATES OF AMERICA
MIDI ALUMINUM FABRICATOR LTD.
610 Cha Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 2727666



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

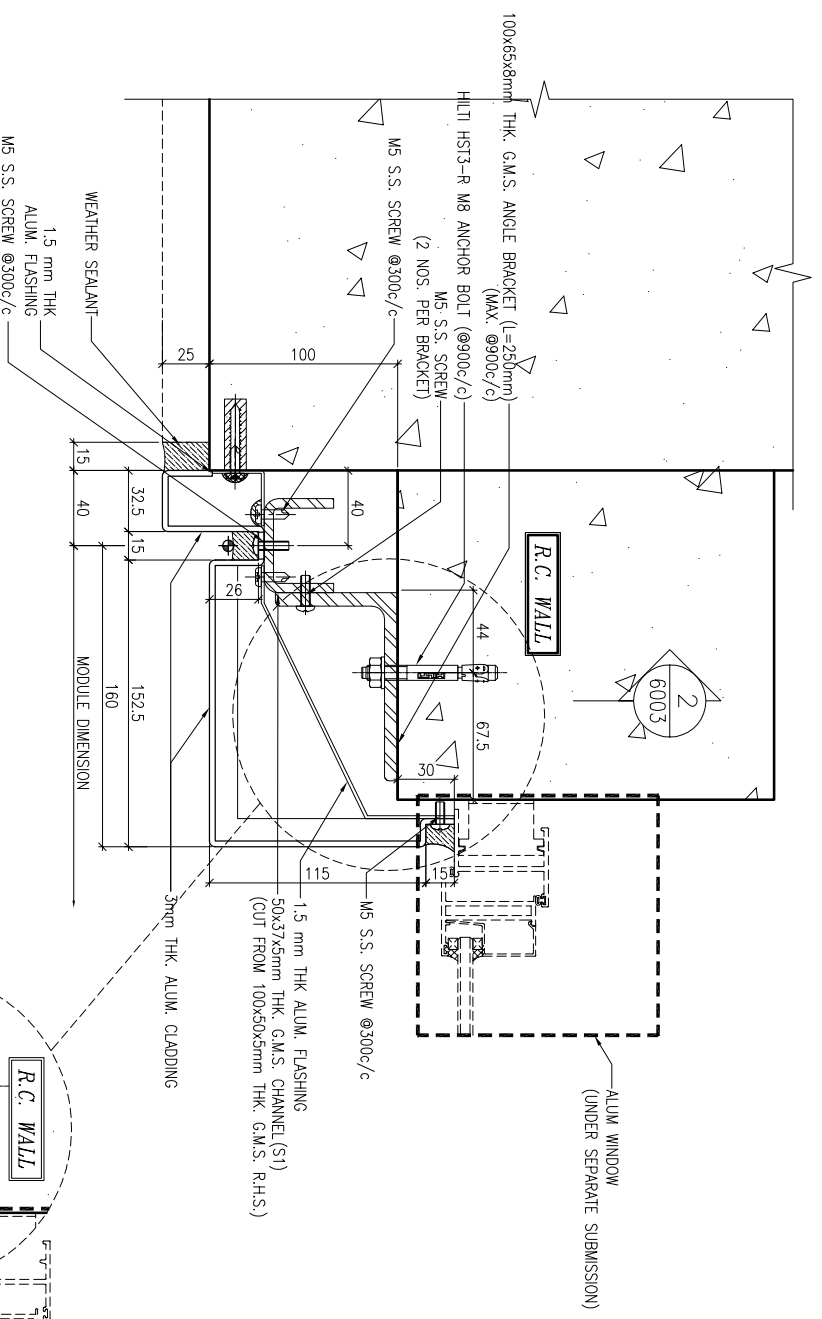
STRUCTURAL ENGINEER :
AECOM
 FACADE CONSULTANT:
AECOM

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

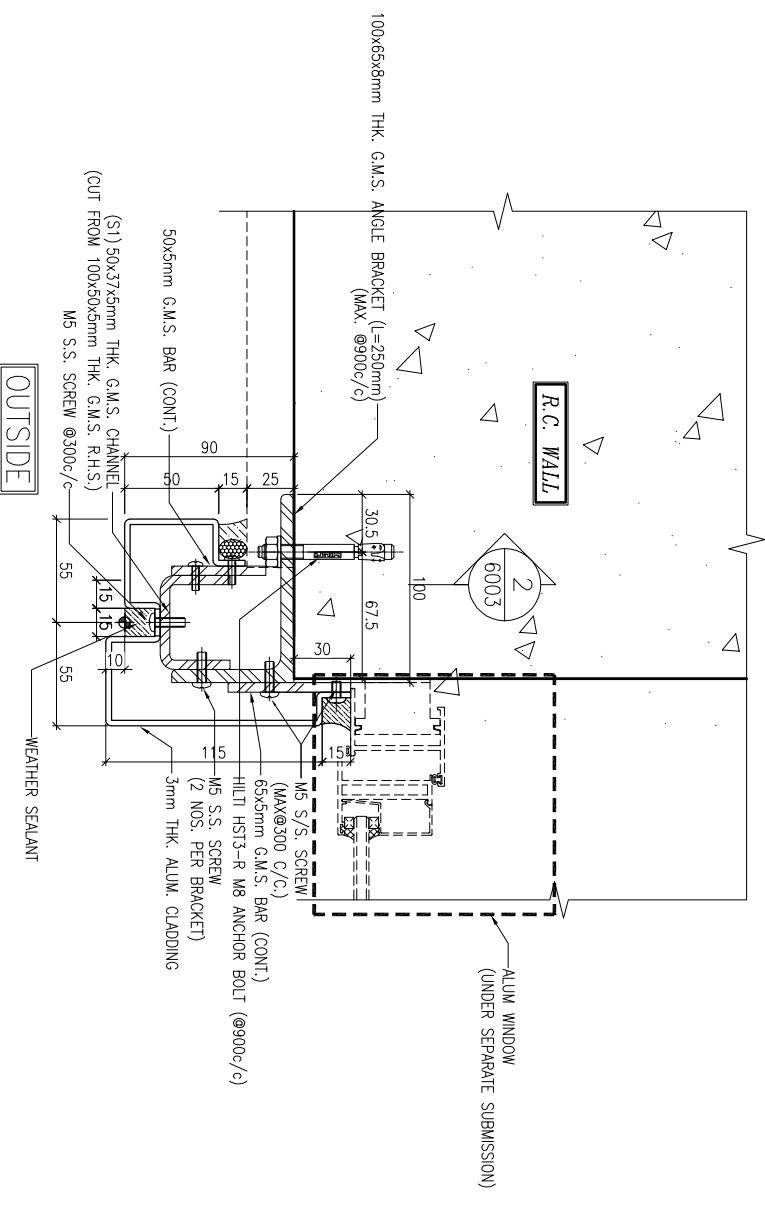
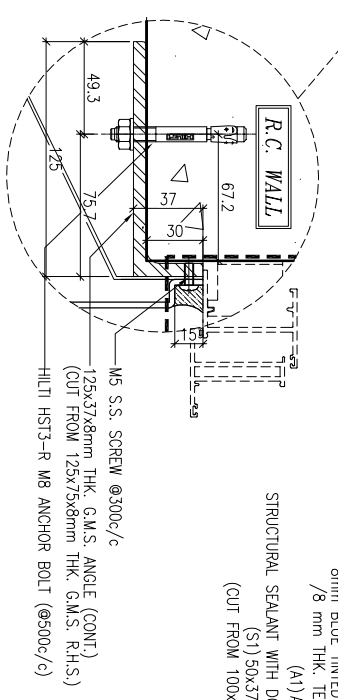
LEGEND:
 (X1) --- DETAIL MARK NO.
 (X001) --- REFER SHEET NO.
 1. F.F.L. --- FINISHED FLOOR LEVEL
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 3. (R) --- REVERSED DETAIL

JOB NO. : J-837			
PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWILON			
TITLE : TYPICAL MULLION DETAIL FOR GLASS CLADDING			
DATE : 4-Sep-18	SCALE : 1:2 (A1)		
DRAWN BY : ASING			
CHECKED BY : -			
B	17/11/2018	GENERAL REVISED	
A	15/10/2018	GENERAL REVISED	
NO.	DATE	REVISION	BY

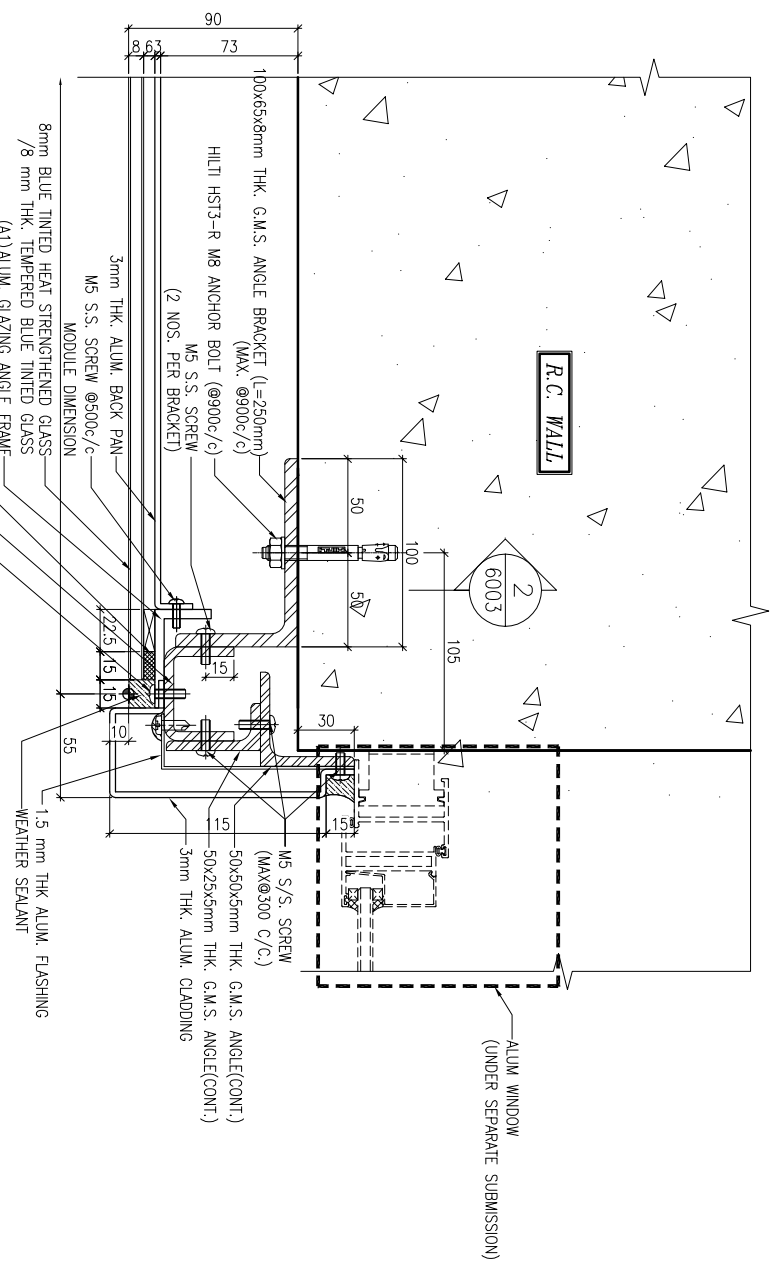
UNITED STATES OF AMERICA
美特鋁質有限公司
 MIDT ALUMINIUM FABRICATOR LTD.
 610 Cha Kwo Ling Road, Kowloon
 Tel: 23489211-4 Fax: (852) 2727666
 DWG NO. : 1837-GC-5004 REV. : B



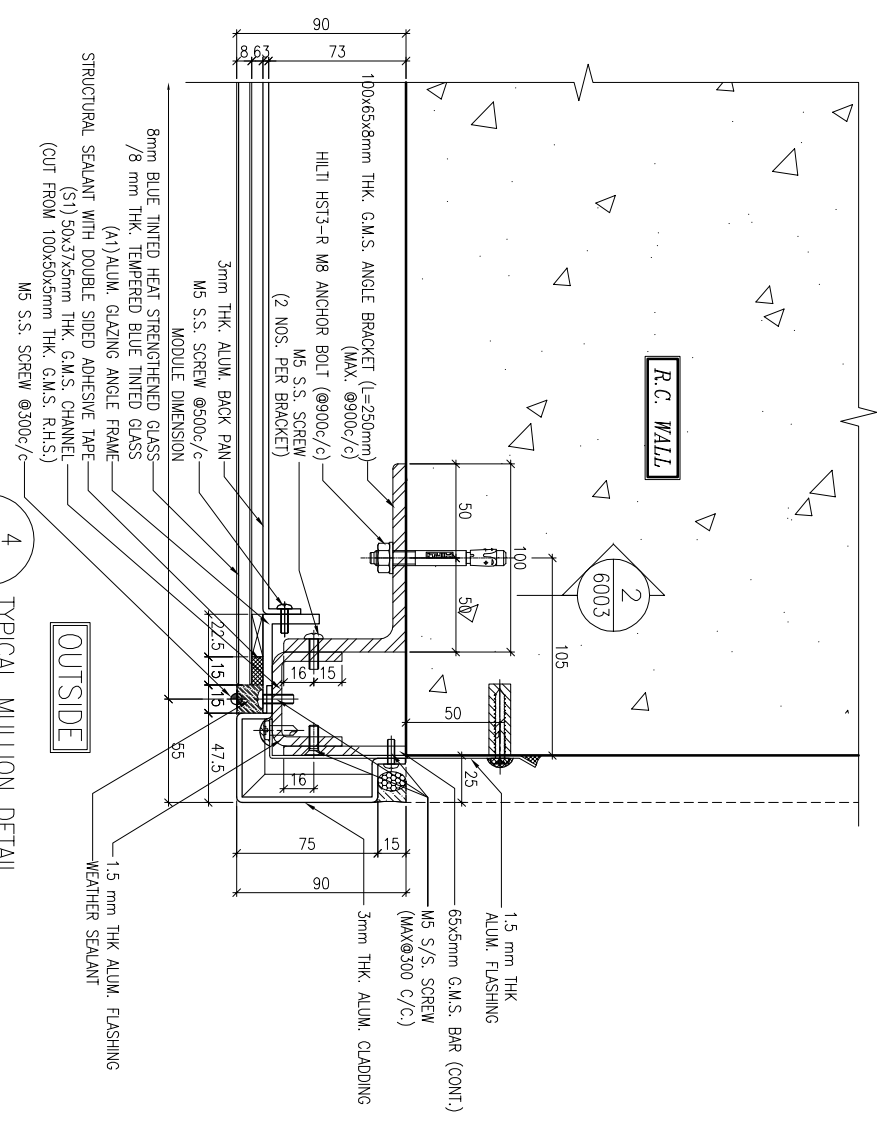
1 TYPICAL MULLION DETAIL
5006 GLASS CLADDING (ONLY FOR 2101-3)



2 TYPICAL MULLION DETAIL
5006 GLASS CLADDING



3 TYPICAL MULLION DETAIL
5006 GLASS CLADDING



4 TYPICAL MULLION DETAIL
5006 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.
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

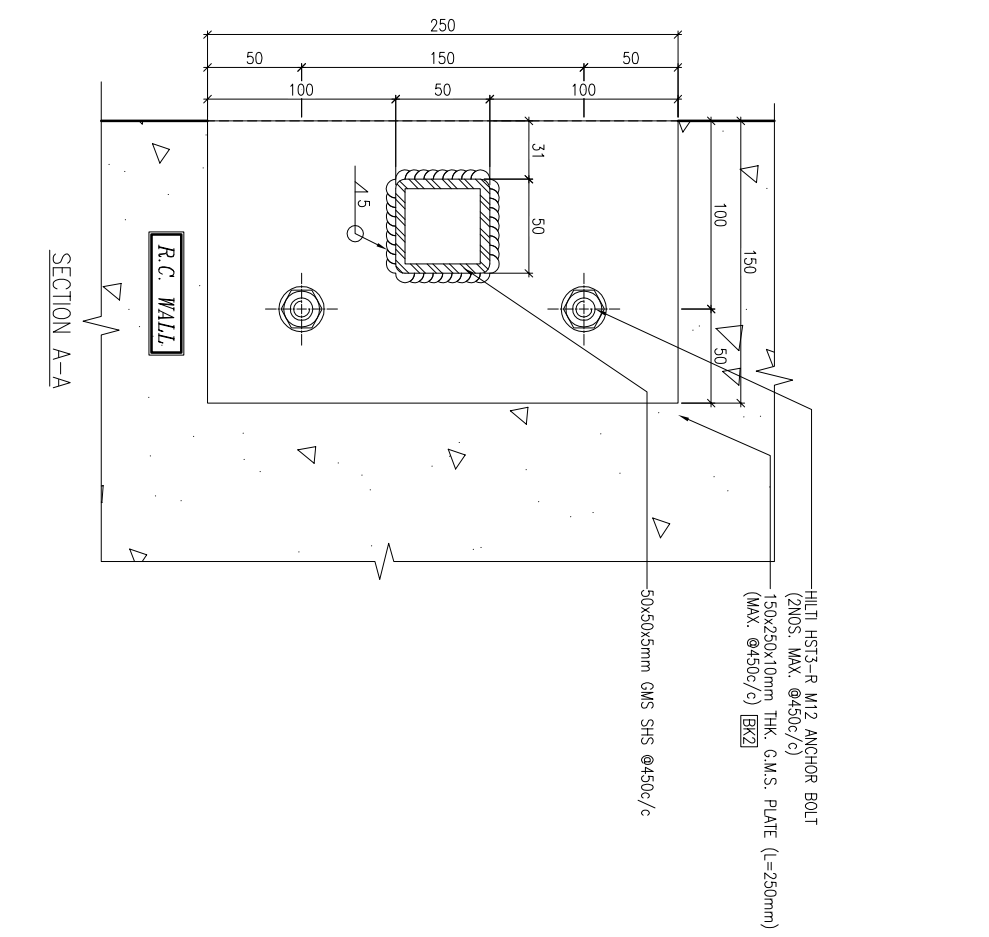
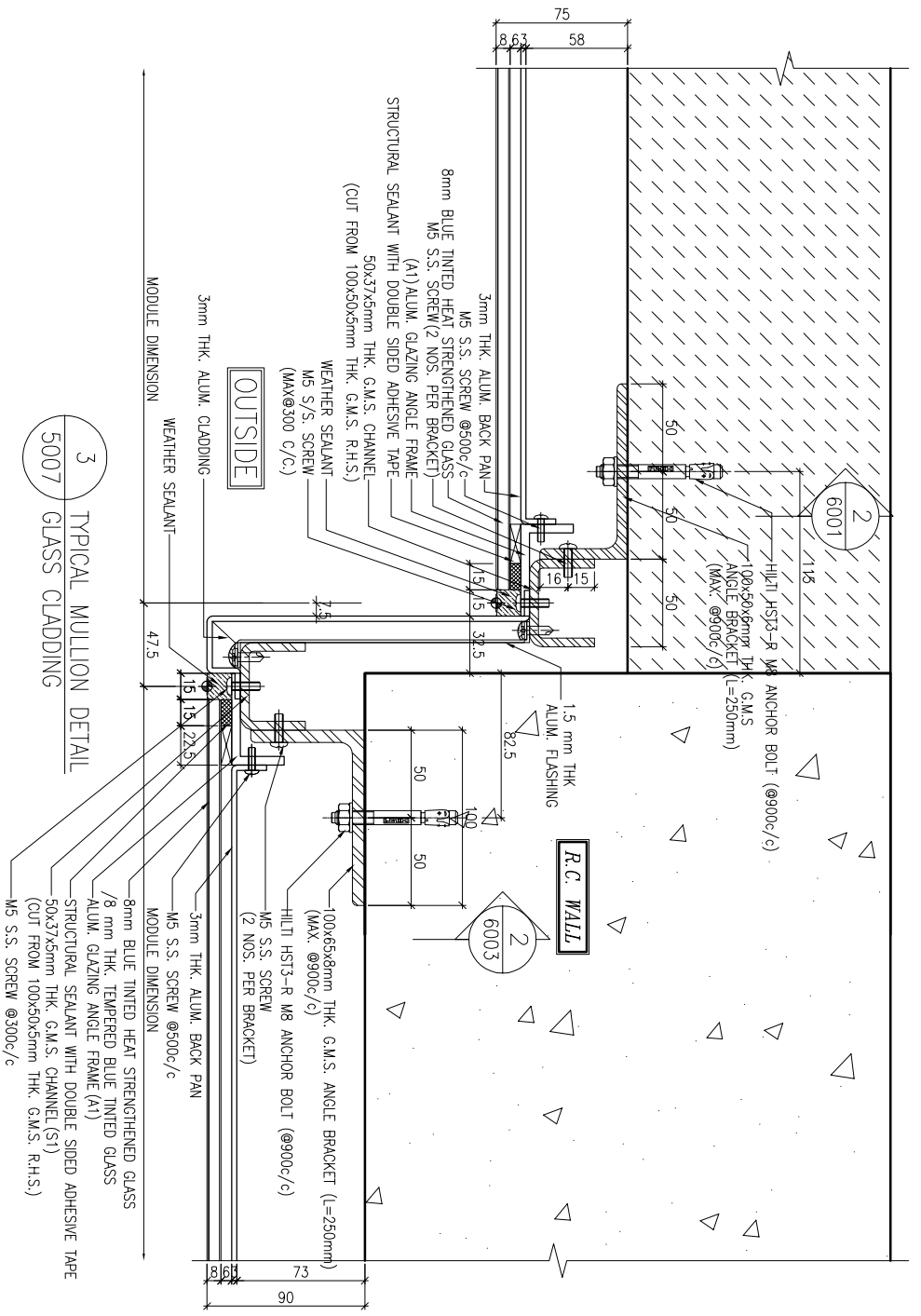
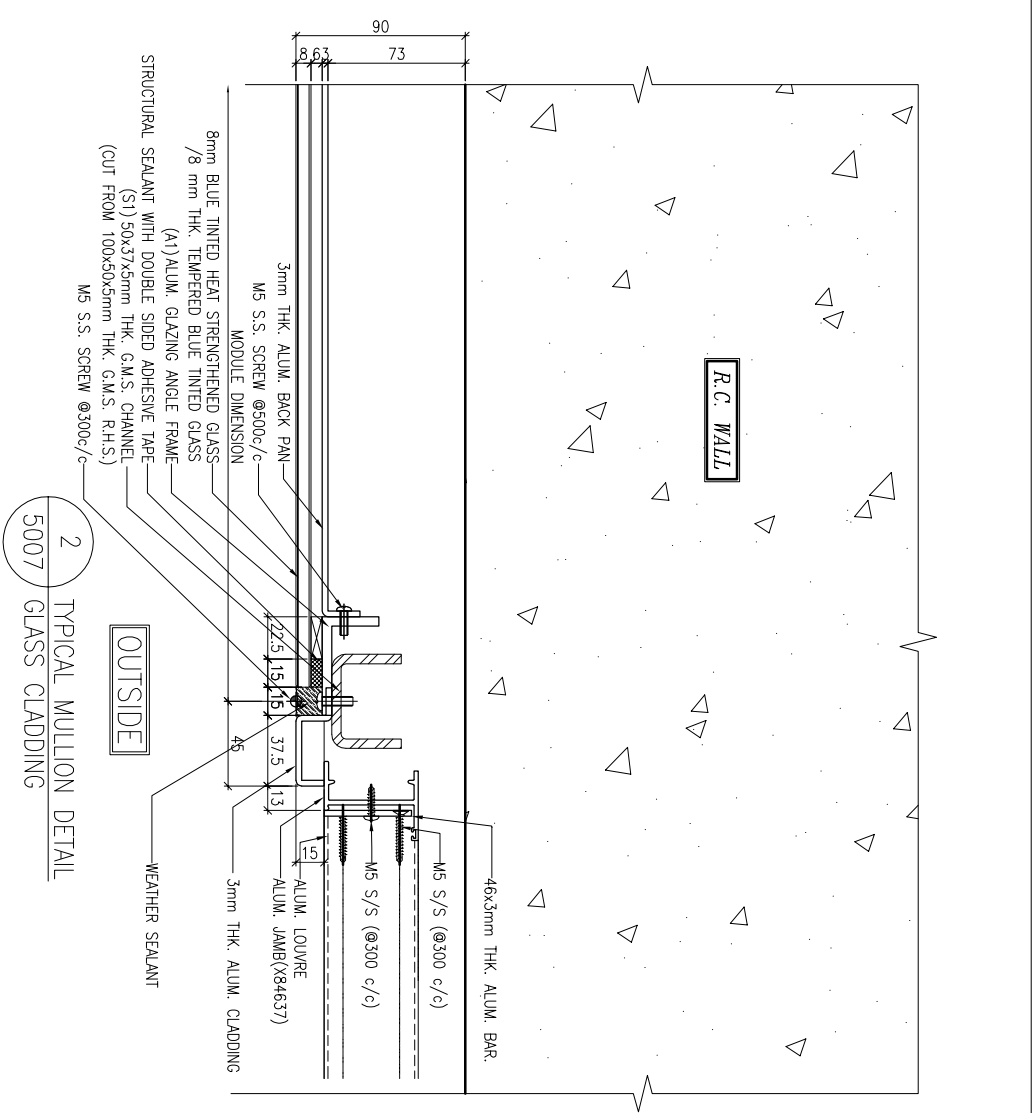
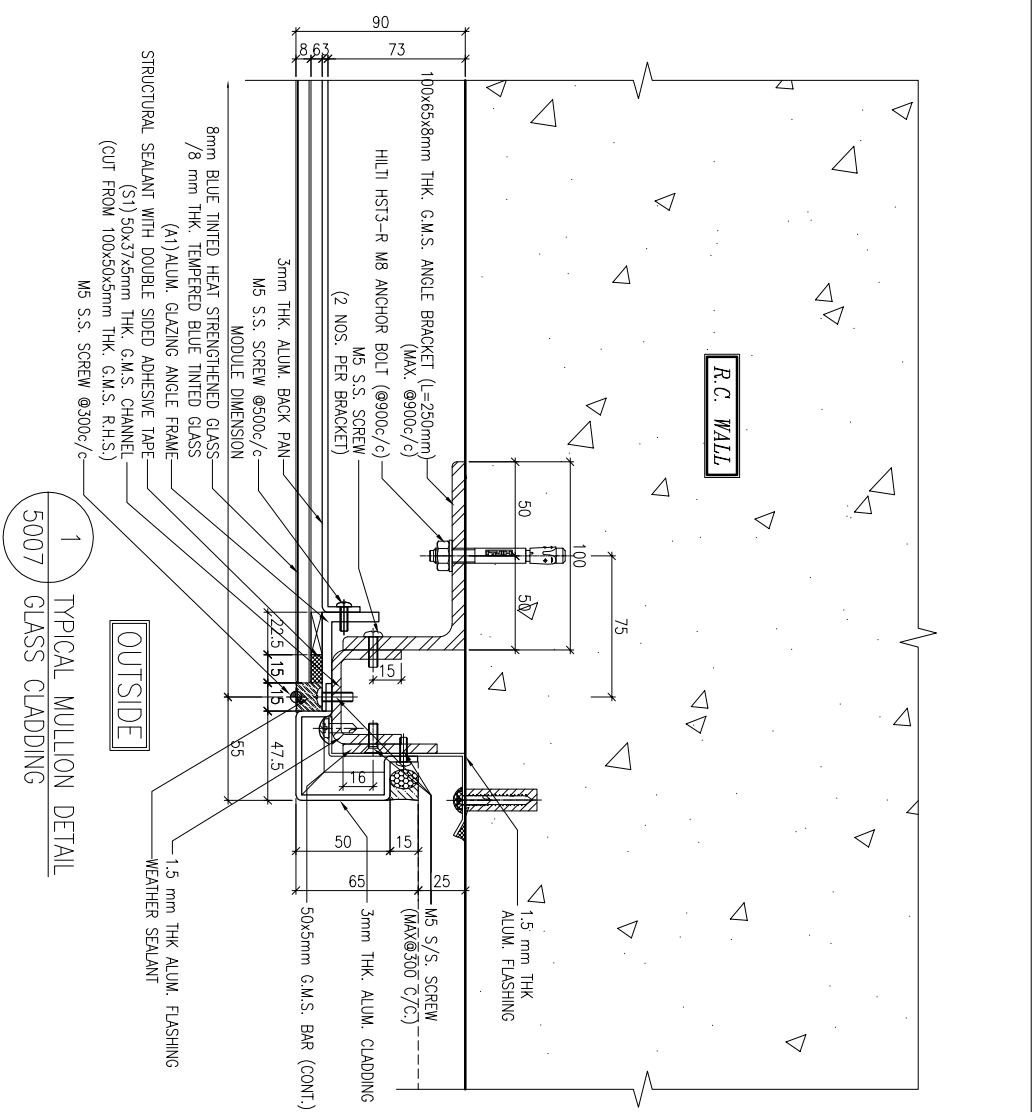
NO.	DATE	GENERAL REVISED	BY
A	1/3/2019		

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 : -
DWG NO. : 1837-GC-5006 REV. : A

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



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

NO.	DATE	REVISION	BY
J-837			

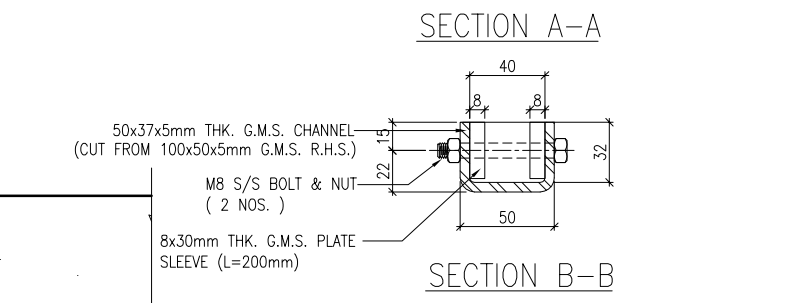
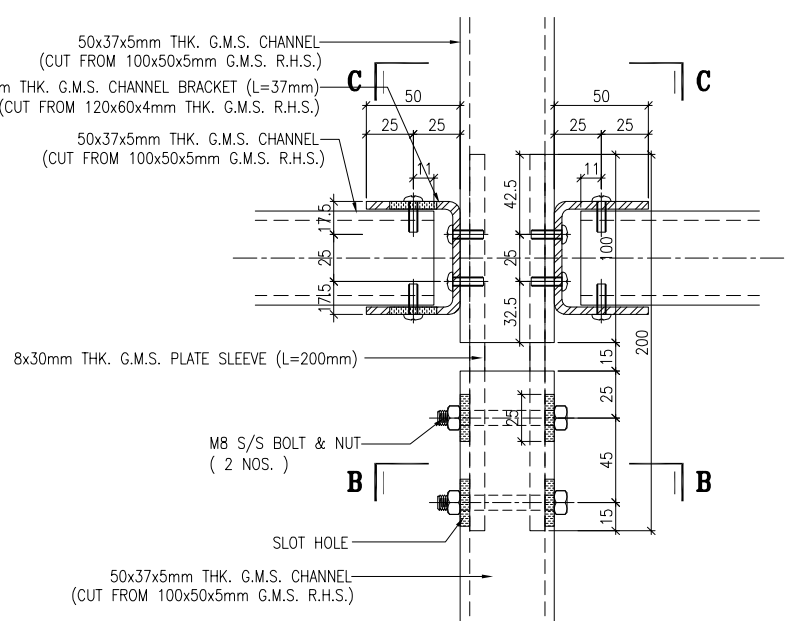
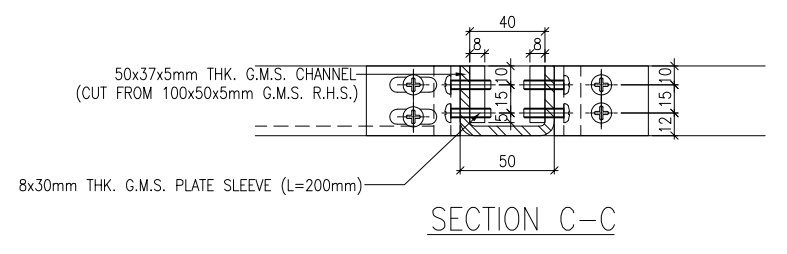
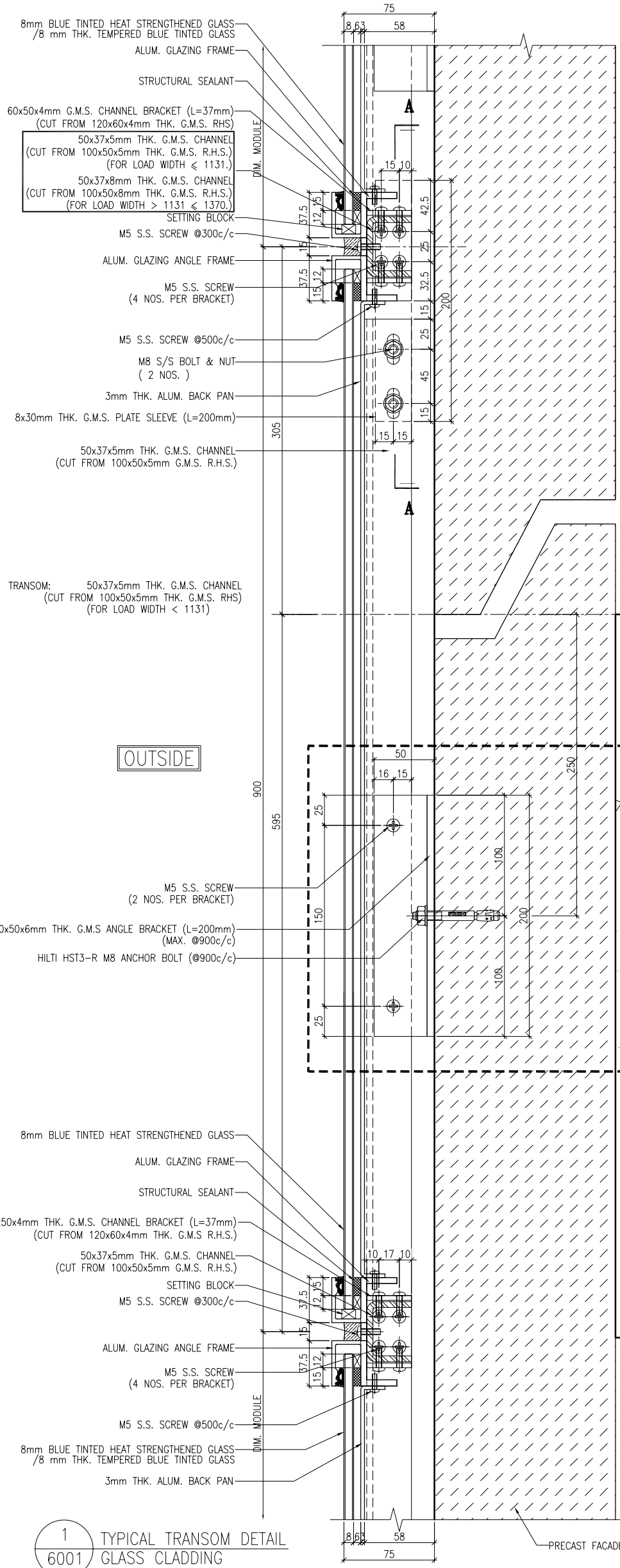
JOB NO. : J-837

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

TITLE :
 TYPICAL MULLION DETAIL
 FOR GLASS CLADDING

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


 美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunny Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)27272666
 DWG NO. : 1837-GC-5007
 REV. : -



LEGEND:
 TRANSOM AS FOLLOWS

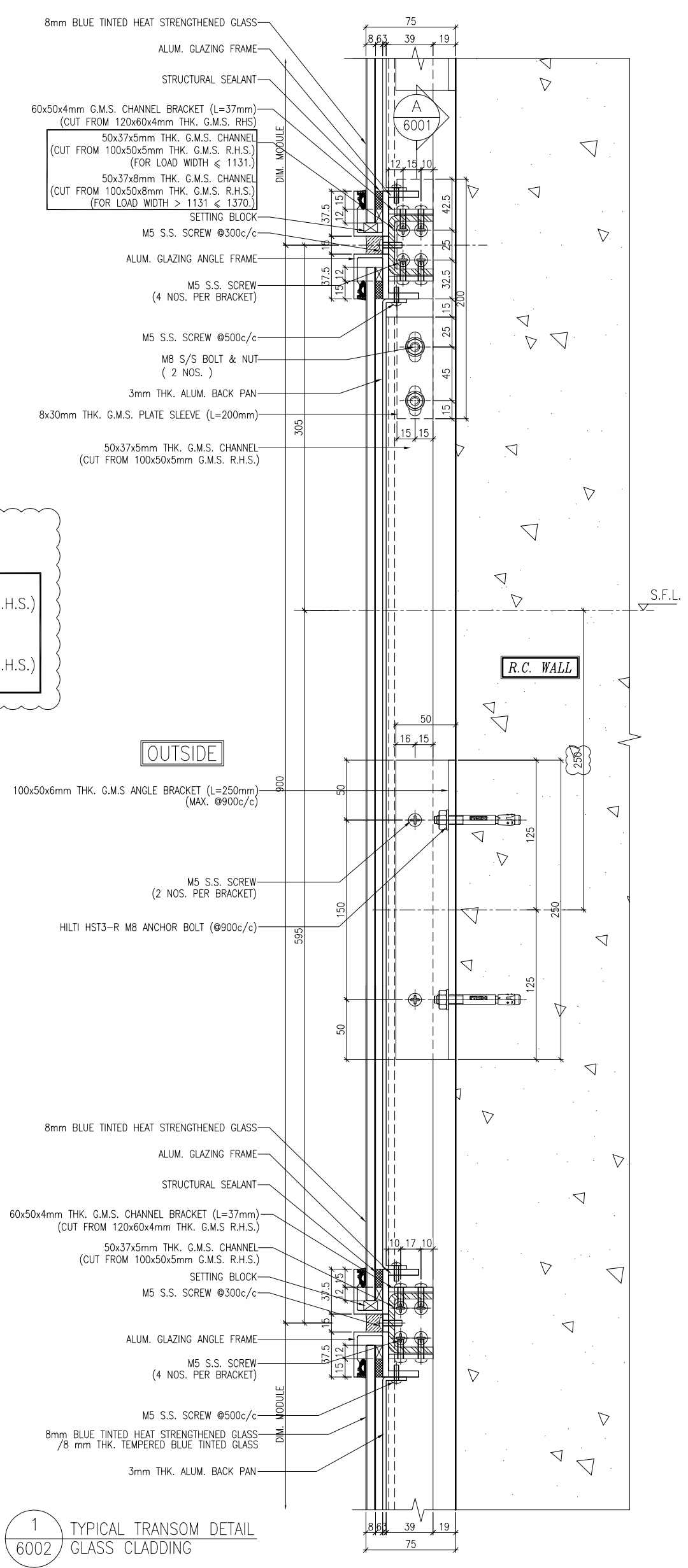
50x37x5mm THK. G.M.S. CHANNEL
 (CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
 (FOR LOAD WIDTH ≤ 1131.)

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

1 TYPICAL TRANSOM DETAIL
 6001 GLASS CLADDING

2 TYPICAL TRANSOM DETAIL
 6001 GLASS CLADDING

<p>Units 6-8, Sunray Industrial Centre, 1/F 610 Chee Kwo Ling Road, Kowloon Tel: 23489211-4 Fax: (852) 2727666</p>	<p>DATE: 4-Sep-18 DRAWN BY: ASING CHECKED BY: -</p>	<p>TITLE: TYPICAL TRANSOM DETAIL FOR GLASS CLADDING</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>NO. 1 DATE: 1/3/2019 REVISION: GENERAL REVISED</p>	<p>NO. 2 DATE: 17/11/2018 REVISION: GENERAL REVISED</p>	<p>NO. 3 DATE: - REVISION: -</p>
					<p>NO. 4 DATE: - REVISION: -</p>	<p>NO. 5 DATE: - REVISION: -</p>	<p>NO. 6 DATE: - REVISION: -</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>1. F.F.L. --- FINISHED FLOOR LEVEL 2. S.F.L. --- STRUCTURAL FLOOR LEVEL 3. (R) --- REVERSED DETAIL</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>B.D. REF: -</p>	



LEGEND:
 TRANSOM AS FOLLOWS

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

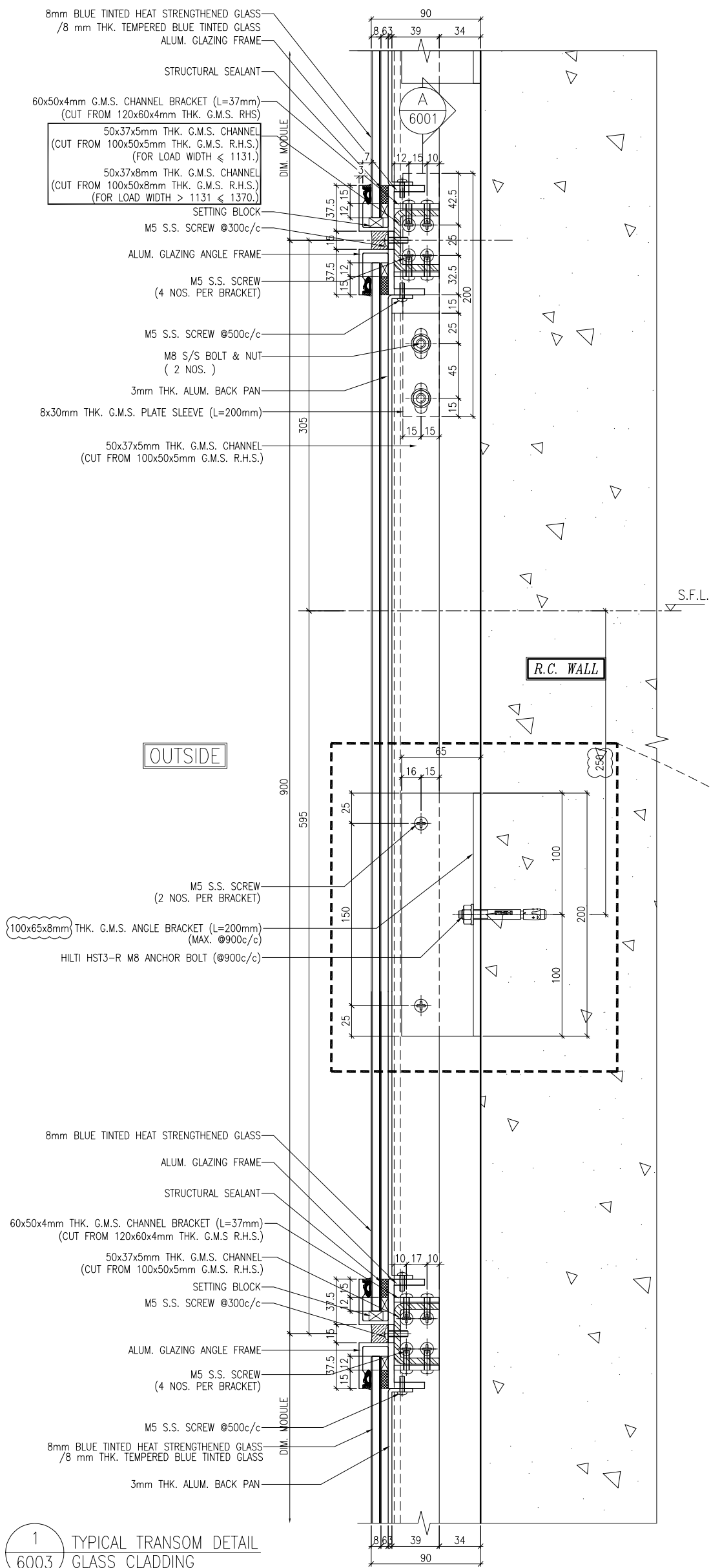
1 TYPICAL TRANSOM DETAIL
 6002 GLASS CLADDING

<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: (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</p>	
<p>JOB NO. : J-837</p>	<p>DATE : 17/11/2018</p>
<p>PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON</p>	<p>GENERAL REVISED</p>
<p>TITLE : TYPICAL TRANSOM DETAIL FOR GLASS CLADDING</p>	<p>DATE : 4-Sep-18</p>
<p>DRAWN BY : ASING</p>	<p>CHECKED BY : -</p>
<p>SCALE : 1:2 (A1)</p>	<p>REV. : A</p>
<p>DRWG NO. : 1837-GC-6002</p>	<p>Units 6-8, Sunray Industrial Centre, 1/F 610 Cha Kwo Ling Road, Kowloon Tel:23489211-4 Fax:(852)2727666</p>
<p> 美特鋁質有限公司 MIDI ALUMINIUM FABRICATOR LTD.</p>	<p>REV. : A</p>

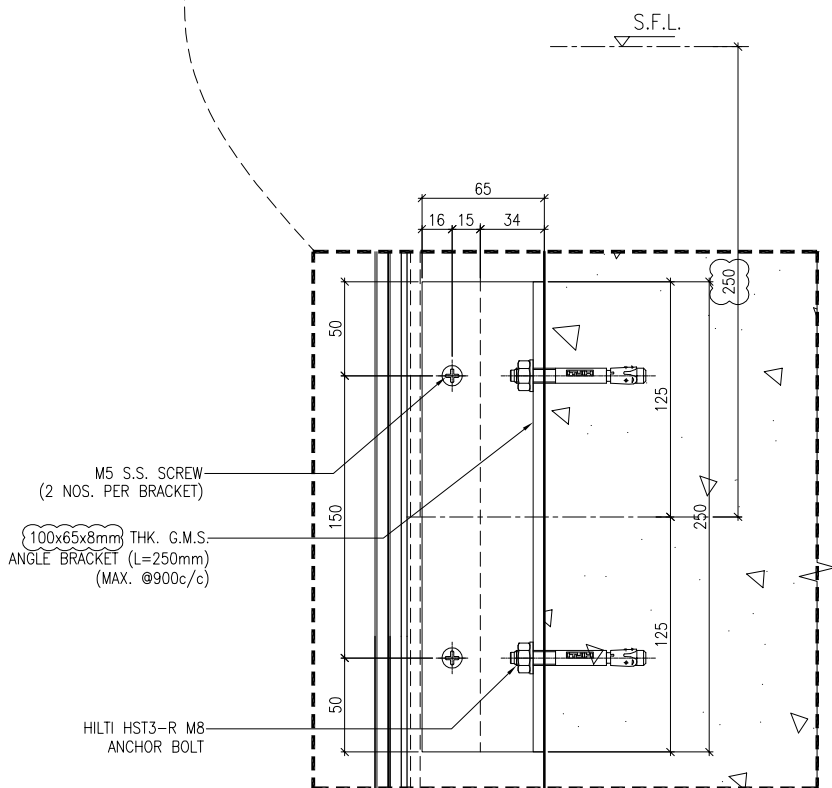
LEGEND:

TRANSOM AS FOLLOWS

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

DATE : 4-Sep-18		SCALE : 1:2 (A1)	
DRAWN BY : ASING		CHECKED BY : -	
TITLE : TYPICAL TRANSOM DETAIL FOR GLASS CLADDING			
PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWILON			
JOB NO. : J-837			
NO. A		GENERAL REVISED	
DATE	DATE	REVISION	BY
17/11/2018			

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

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

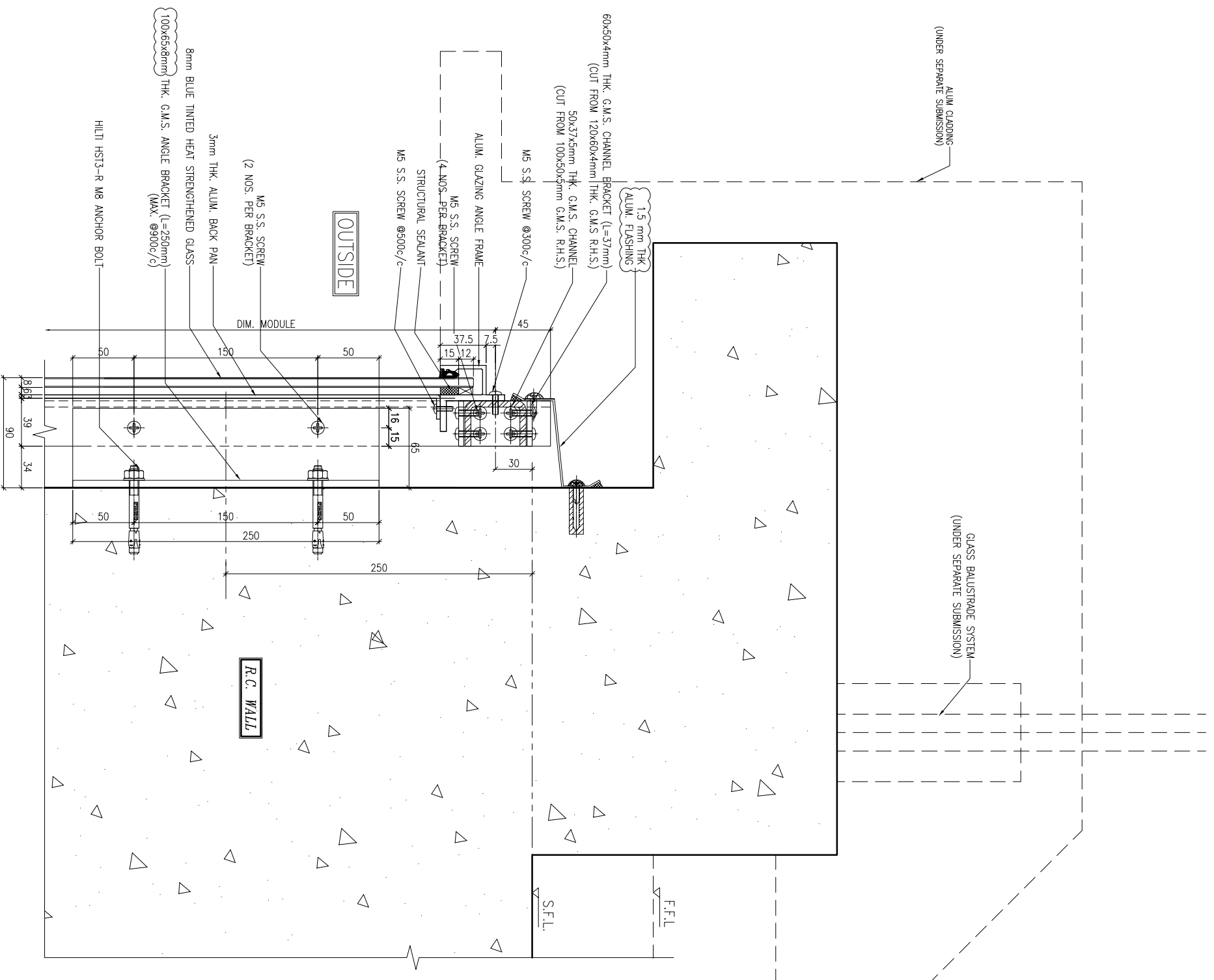
ARCHITECT : WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR : CR Construction Company Limited

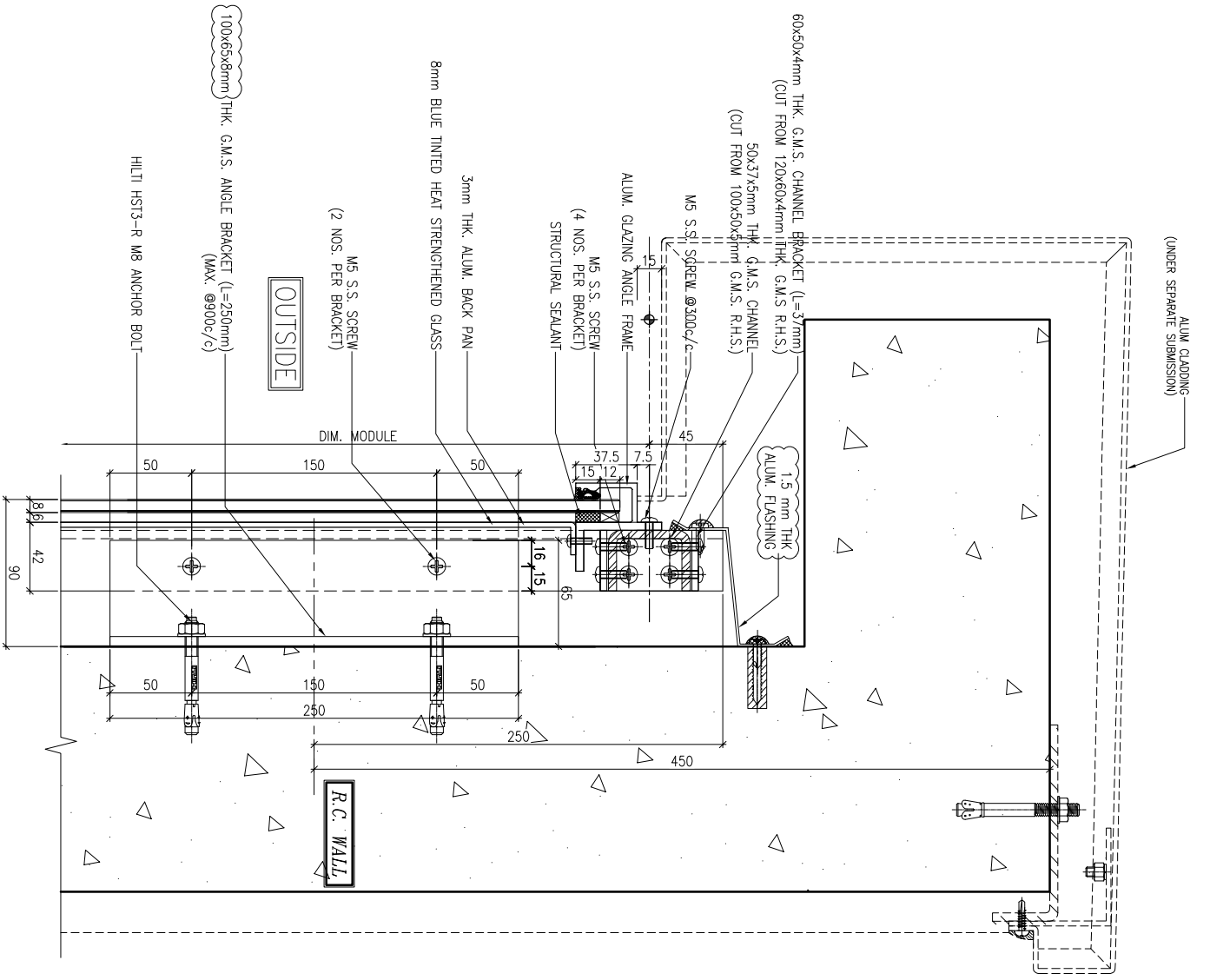
STRUCTURAL ENGINEER : AECOM

FAÇADE CONSULTANT : AECOM

B.O. REF. :



1 TYPICAL TRANSOM DETAIL
6005 GLASS CLADDING



2 TYPICAL TRANSOM DETAIL
6005 GLASS CLADDING

LEGEND:
TRANSOM AS FOLLOWS
50x37x5mm THK. G.M.S. CHANNEL
(CUT FROM 100x50x5mm THK. G.M.S. R.H.S.)
(FOR LOAD WIDTH ≤ 1131.)
50x37x8mm THK. G.M.S. CHANNEL
(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
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.
X2001 --- REFER SHEET NO.
1. F.F.L. --- FINISHED FLOOR LEVEL
2. S.F.L. --- STRUCTURAL FLOOR LEVEL
3. (R) --- REVERSED DETAIL

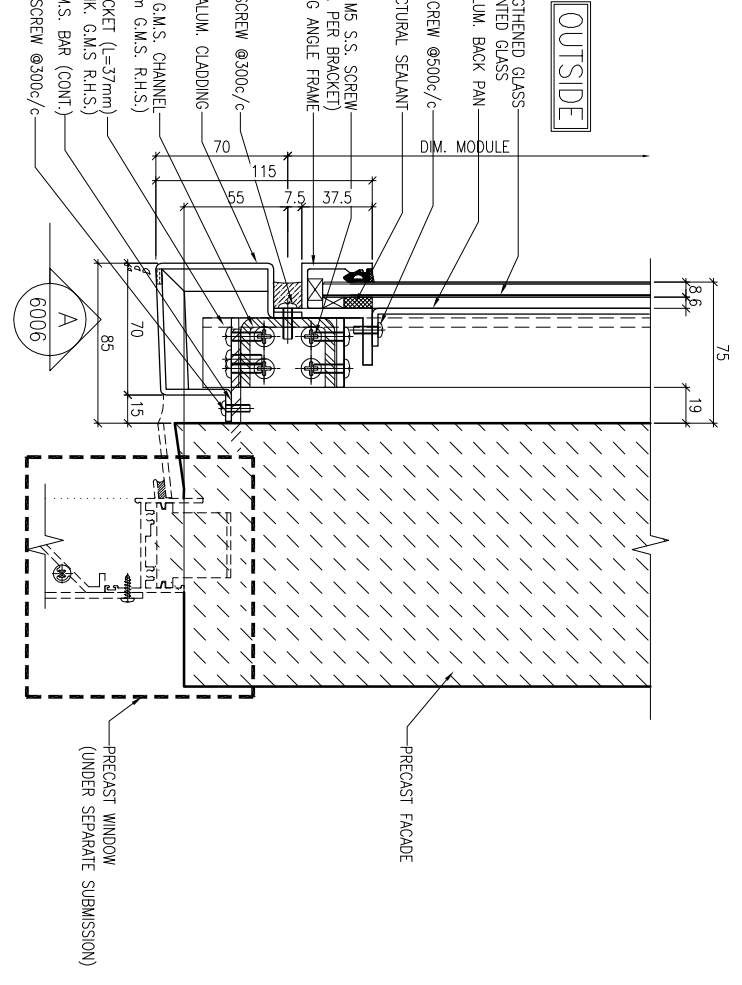
NO.	DATE	GENERAL	REVISED	BY
A	17/11/2018	GENERAL	REVISED	

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

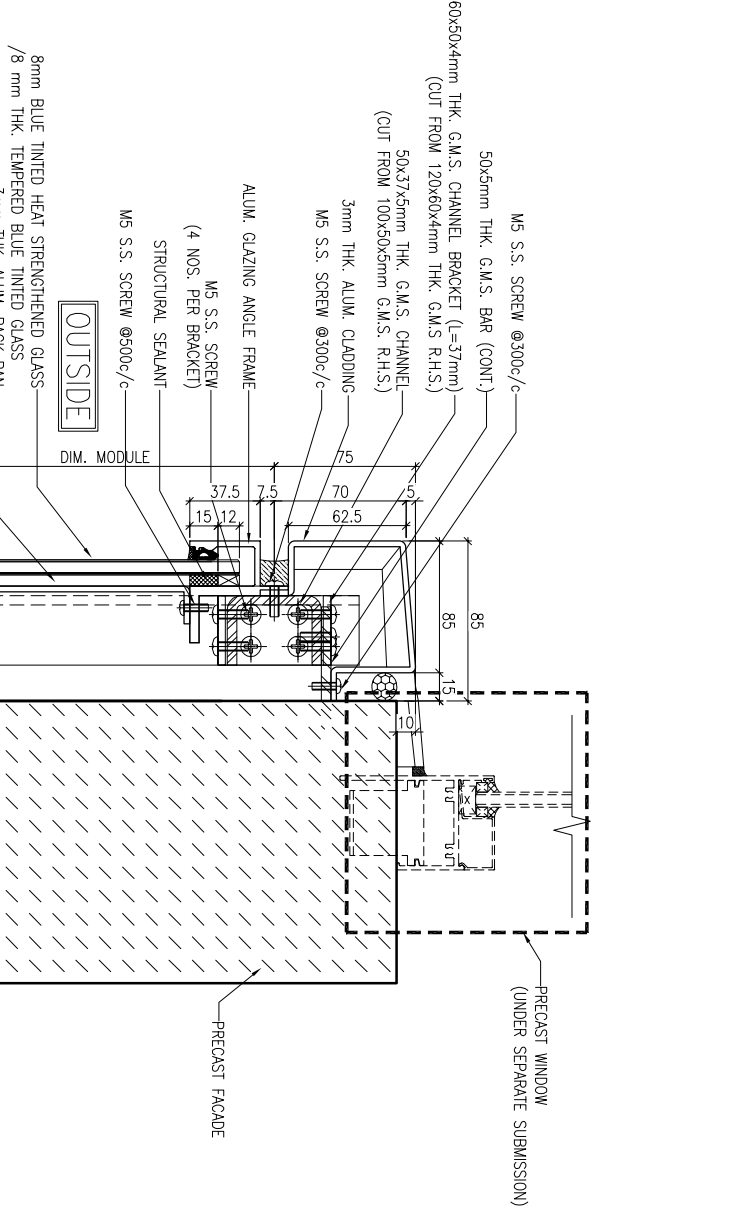
TITLE :
TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

DATE : 4-Sep-18 SCALE : 1:2 (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-6005 REV. : A



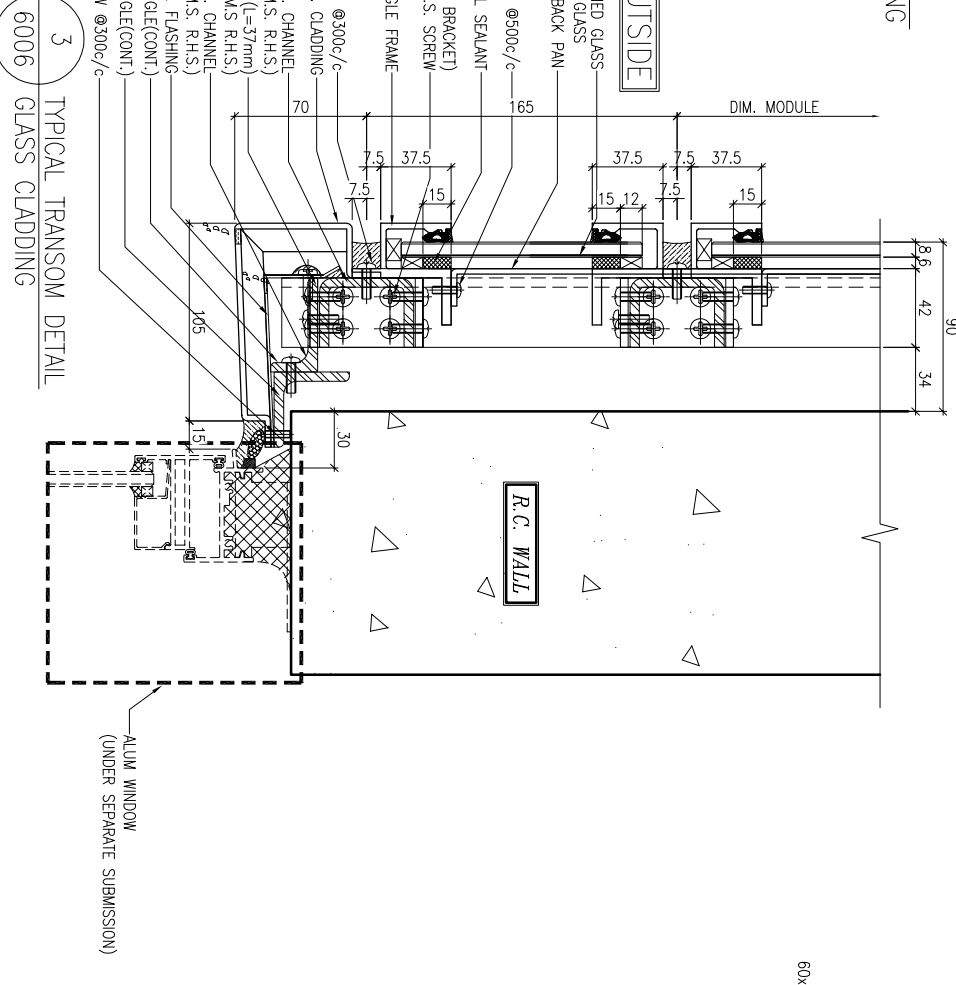
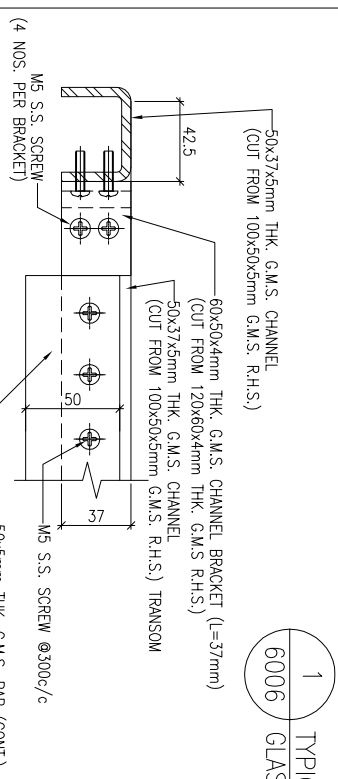
1 TYPICAL TRANSOM DETAIL
6006 GLASS CLADDING



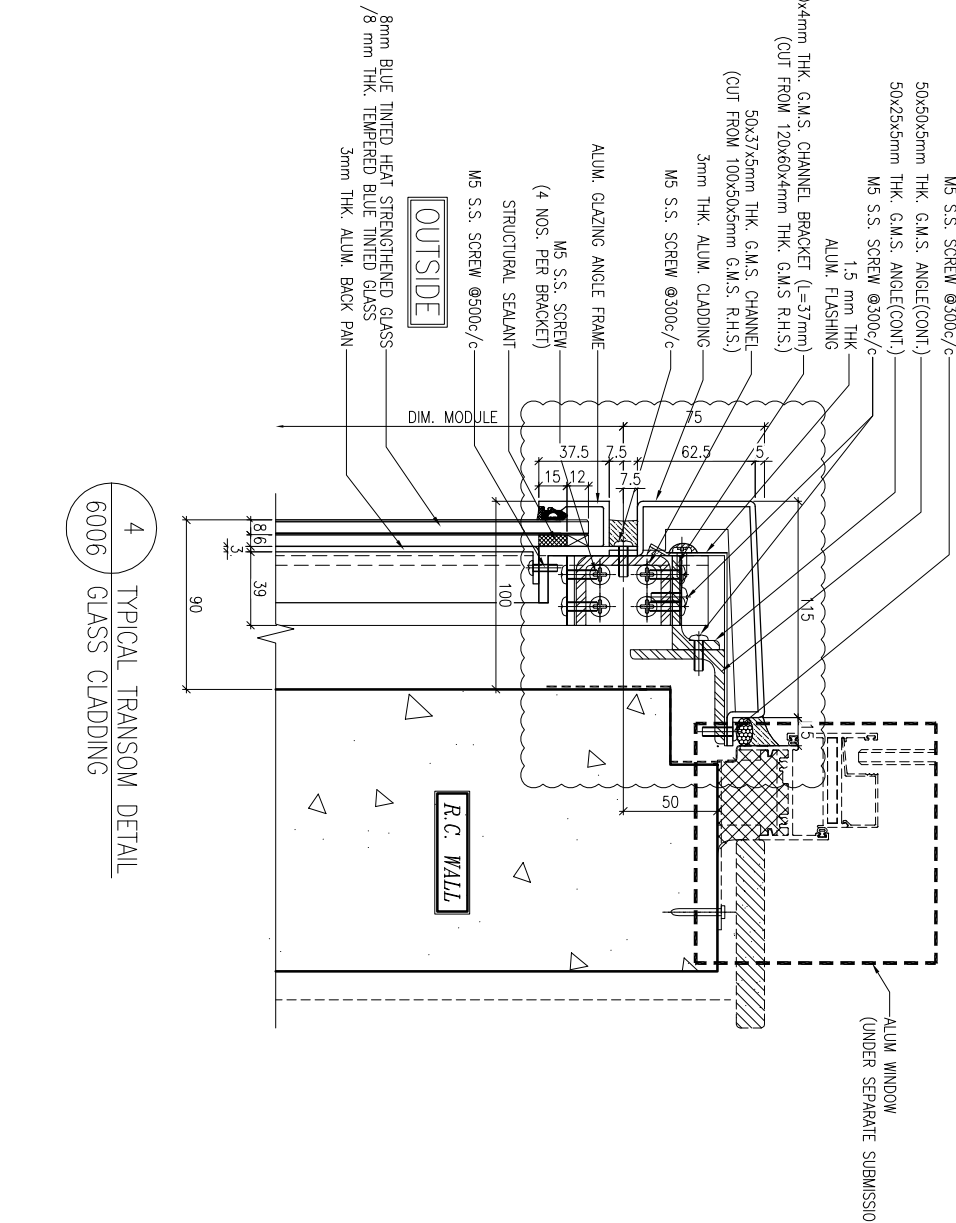
2 TYPICAL TRANSOM DETAIL
6006 GLASS CLADDING

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

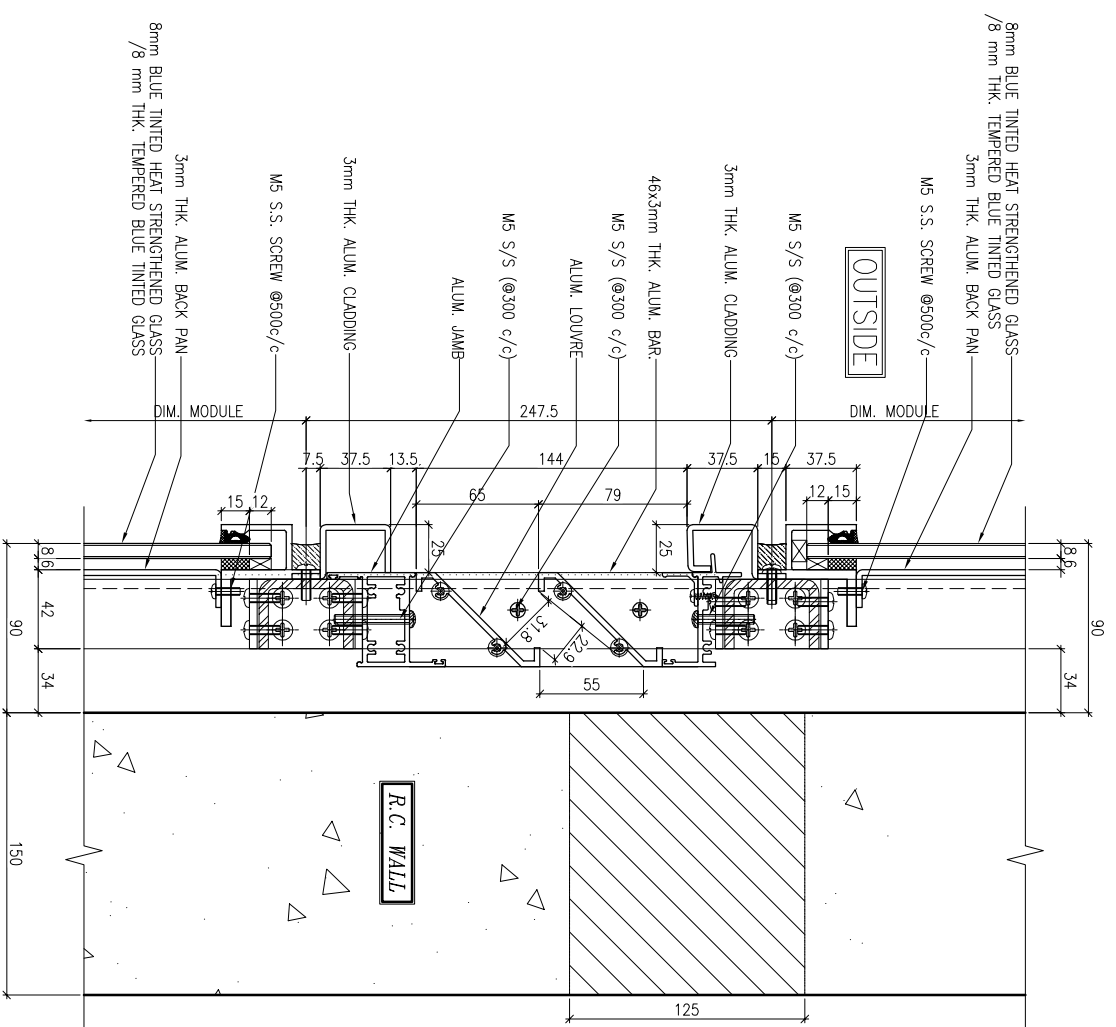
JOB NO. : J-837

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

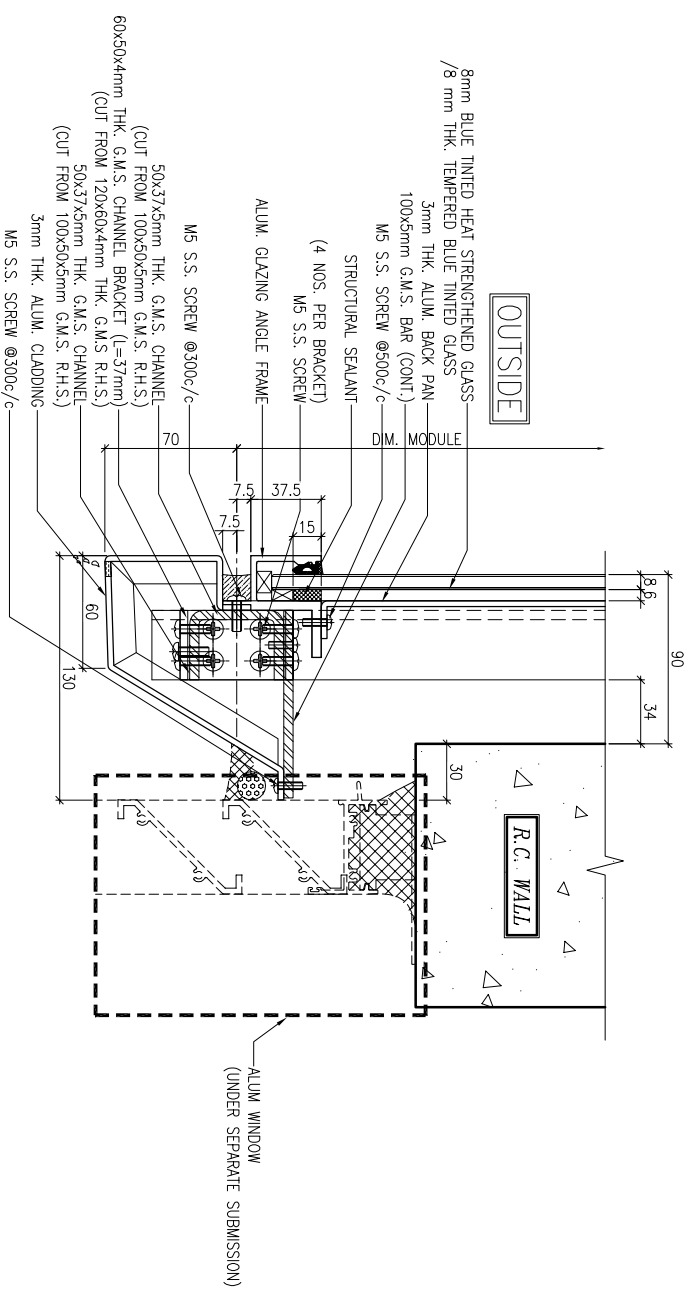
TITLE :
TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

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

UNITED ALUMINIUM FABRICATOR LTD.
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunny Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666
DWG NO. : 1837-GC-6006
REV. : B



1 TYPICAL TRANSOM DETAIL
6007 GLASS CLADDING



2 TYPICAL TRANSOM DETAIL
6007 GLASS CLADDING

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

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

TITLE :
TYPICAL TRANSOM DETAIL
FOR GLASS CLADDING

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

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 27272666
DWG NO. : 1837-GC-6007 REV. : -

B.D. REF :

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

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS
WTF

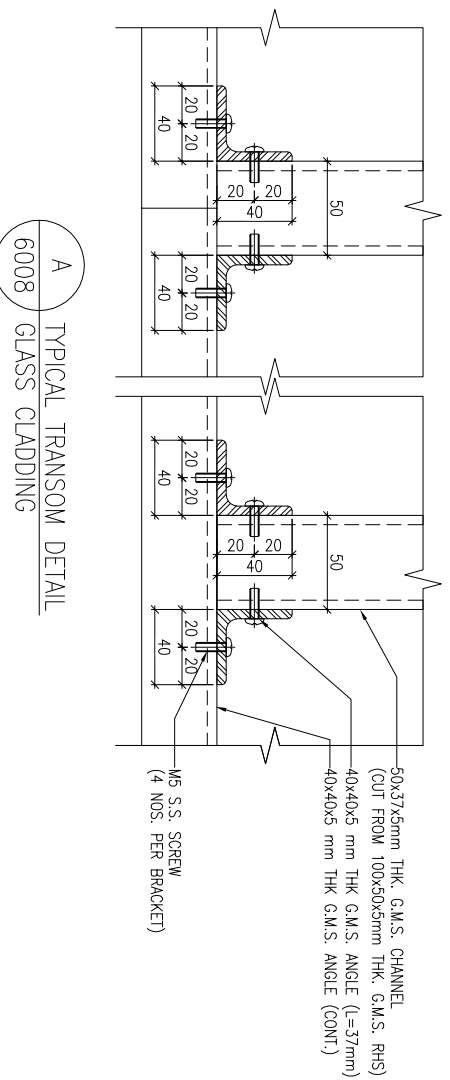
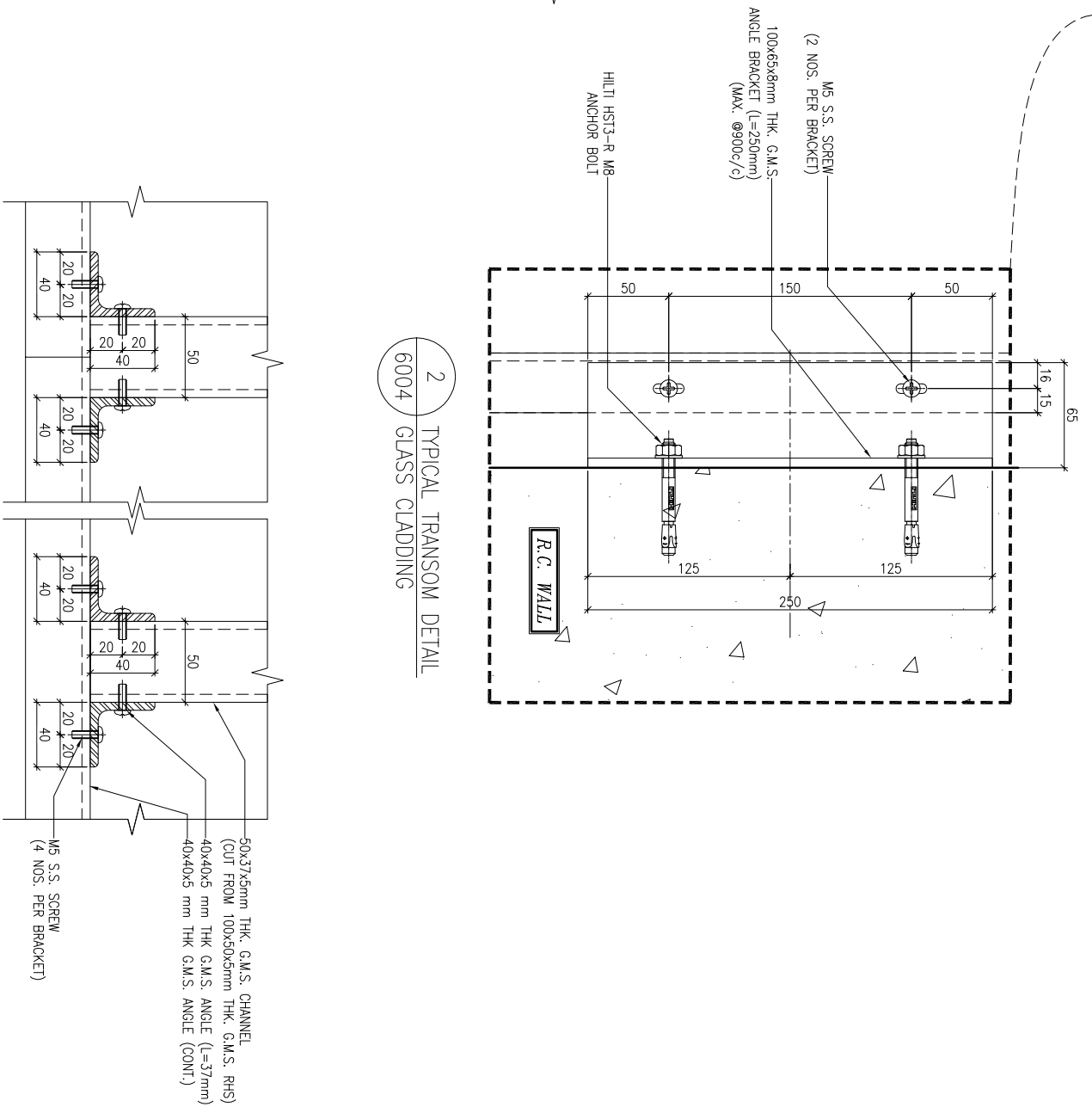
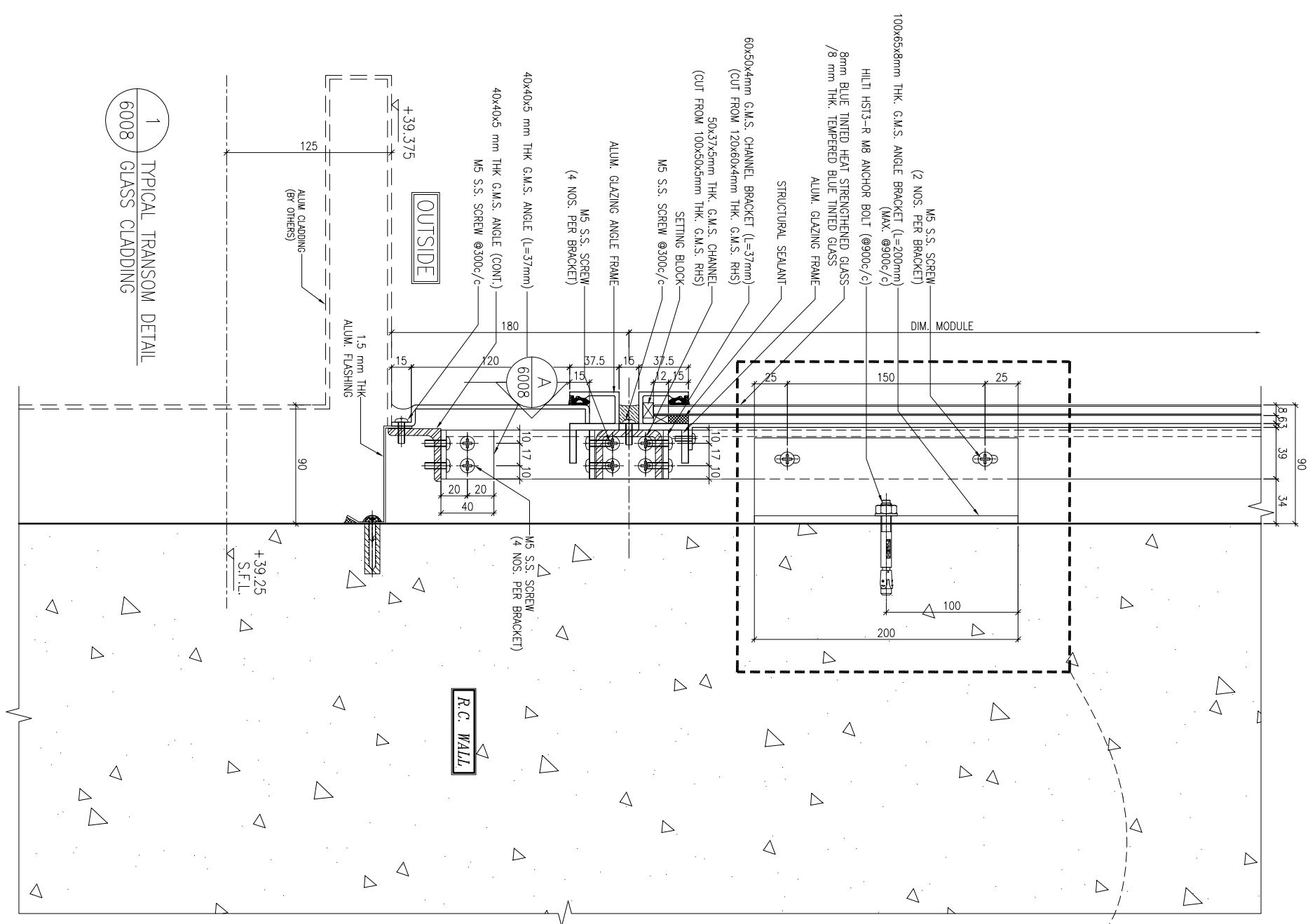
MAIN CONTRACTOR :
CR Construction Company Limited

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.
X2001 --- REFER SHEET NO.
F.F.L. --- FINISHED FLOOR LEVEL
S.F.L. --- STRUCTURAL FLOOR LEVEL
R --- REVERSED DETAIL

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



NO.	DATE	REVISION	BY
J-837			
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, Sunray Industrial Centre, 1/F 610 Cha Kwo Ling Road, Kowloon Tel:23489211-4 Fax:(852)27272666			
DWG NO. : 1837-GC-6008			
REV. : -			

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27272666