



工程指示 / 要求簡箋(E.I.)

工程指示編號：EI / 9762 / 18

修改版次：A

工程編號：J - 837

工程名稱：觀塘裕民坊

工程項目：幕牆 試水箱拆圖

收件人：生統 / 永林

發件人：Eric Liu

日期：09/10/2018

要求提供 / 確認 事項：

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

內容：

請按試水箱大圖拆圖

包括: 1. 鐵件 2. 鋁料 3. 玻璃 4. 配件

A 版提供第 1 次修改試水箱大圖(9.17 版本)，修改鋁碼中至 SFL 面，由 200 改為 250

謝謝

請在 2018 / 10 / 15 完成。

附：17 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 林樹
 () 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 1539 / 18

發件人簽署：

項目經理簽署：

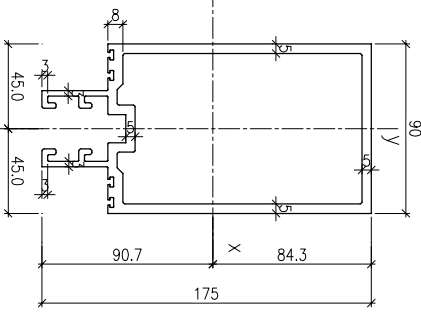
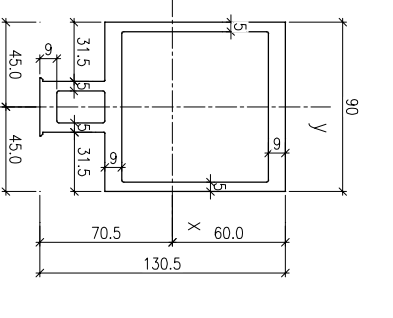
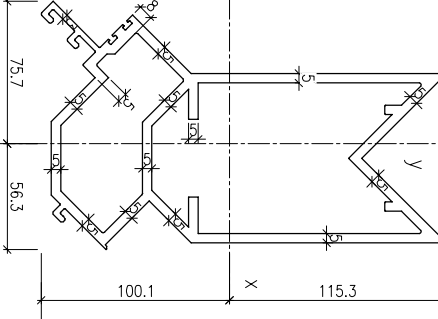
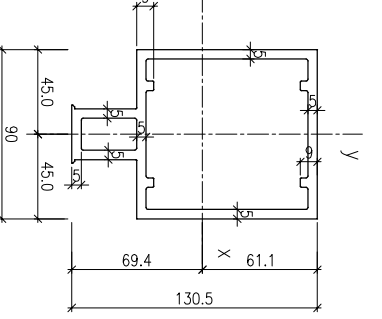
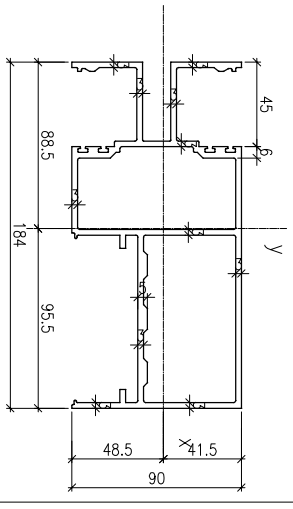
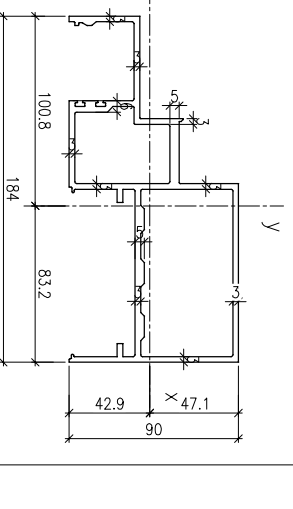
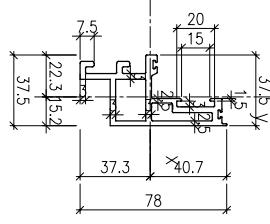
PROJECT :

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

1

TITLE : SHOP DRAWING FOR
CURTAIN WALL PERFORMANCE TEST SUBMISSION

DATE: 17 - SEP - 2018

M1 --- ALUMINIUM MULLION	COATING --- PVF2 COATING	M2 --- ALUMINIUM MULLION	COATING --- PVF2 COATING	M3 --- ALUMINIUM MULLION	COATING --- PVF2 COATING	M5 --- ALUMINIUM MULLION	COATING --- PVF2 COATING	M6 --- ALUMINIUM MULLION	COATING --- PVF2 COATING
GRADE --- 6063 T6		GRADE --- 6063 T6		GRADE --- 6063 T6		GRADE --- 6063 T6		GRADE --- 6063 T6	
	<p>MASS PROPERTIES (UNIT)</p> <p>Area (mm²): 2886.8</p> <p>Perimeter (mm): 1188.9</p> <p>Bounding Box - X (mm): -45.0 to 45.0</p> <p>Bounding Box - Y (mm): -90.7 to 84.3</p> <p>Centroid - X (mm): 0.0</p> <p>Centroid - Y (mm): 0.0</p> <p>Moments of inertia - X (mm⁴): 8560927.0</p> <p>Moments of inertia - Y (mm⁴): 3111287.7</p> <p>Product of inertia - XY (mm⁴): 0.0</p> <p>Radius of gyration - X (mm): 56.4</p> <p>Radius of gyration - Y (mm): 34.0</p> <p>Principal moments along X-Y (mm⁴): 8560927.0 along [1.0 0.0]</p> <p>Principal moments along Y-X (mm⁴): 3111287.7 along [0.0 1.0]</p> <p>Elastic Modulus - Zx (mm²): 1 / y-max= 94344.9</p> <p>Elastic Modulus - Zy (mm²): 1 / x-max= 69139.7</p>		<p>MASS PROPERTIES (UNIT)</p> <p>Area (mm²): 2560.0</p> <p>Perimeter (mm): 1002.9</p> <p>Bounding Box - X (mm): -40.5 to 49.5</p> <p>Bounding Box - Y (mm): -102.1 to 72.9</p> <p>Centroid - X (mm): 0.0</p> <p>Centroid - Y (mm): 0.0</p> <p>Moments of inertia - X (mm⁴): 7148090.8</p> <p>Moments of inertia - Y (mm⁴): 2693592.6</p> <p>Product of inertia - XY (mm⁴): -858464.6</p> <p>Radius of gyration - X (mm): 52.8</p> <p>Radius of gyration - Y (mm): 32.4</p> <p>Principal moments along X-Y (mm⁴): 7307806.3 along [1.0 -0.2]</p> <p>Principal moments along Y-X (mm⁴): 2533877.1 along [0.2 1.0]</p> <p>Elastic Modulus - Zx (mm²): 1 / y-max= 69979.9</p> <p>Elastic Modulus - Zy (mm²): 1 / x-max= 54419.8</p>		<p>MASS PROPERTIES (UNIT)</p> <p>Area (mm²): 2904.8</p> <p>Perimeter (mm): 845.0</p> <p>Bounding Box - X (mm): -45.0 to 45.0</p> <p>Bounding Box - Y (mm): -70.5 to 60.0</p> <p>Centroid - X (mm): 0.0</p> <p>Centroid - Y (mm): 0.0</p> <p>Moments of inertia - X (mm⁴): 5525541.9</p> <p>Moments of inertia - Y (mm⁴): 2552618.8</p> <p>Product of inertia - XY (mm⁴): 0.0</p> <p>Radius of gyration - X (mm): 43.6</p> <p>Radius of gyration - Y (mm): 29.6</p> <p>Principal moments along X-Y (mm⁴): 5525541.9 along [1.0 0.0]</p> <p>Principal moments along Y-X (mm⁴): 2552618.8 along [0.0 1.0]</p> <p>Elastic Modulus - Zx (mm²): 1 / y-max= 78397.1</p> <p>Elastic Modulus - Zy (mm²): 1 / x-max= 56724.9</p>		<p>MASS PROPERTIES (UNIT)</p> <p>Area (mm²): 4906.3</p> <p>Perimeter (mm): 1633.1</p> <p>Bounding Box - X (mm): -75.7 to 56.3</p> <p>Bounding Box - Y (mm): -100.1 to 115.3</p> <p>Centroid - X (mm): 0.0</p> <p>Centroid - Y (mm): 0.0</p> <p>Moments of inertia - X (mm⁴): 17546808.7</p> <p>Moments of inertia - Y (mm⁴): 5955158.6</p> <p>Product of inertia - XY (mm⁴): -1928247.4</p> <p>Radius of gyration - X (mm): 66.2</p> <p>Radius of gyration - Y (mm): 38.6</p> <p>Principal moments along X-Y (mm⁴): 17859152.5 along [1.0 -0.2]</p> <p>Principal moments along Y-X (mm⁴): 5642814.9 along [0.2 1.0]</p> <p>Elastic Modulus - Zx (mm²): 1 / y-max= 152220.1</p> <p>Elastic Modulus - Zy (mm²): 1 / x-max= 78715.3</p>		<p>MASS PROPERTIES (UNIT)</p> <p>Area (mm²): 2278.1</p> <p>Perimeter (mm): 895.8</p> <p>Bounding Box - X (mm): -45.0 to 45.0</p> <p>Bounding Box - Y (mm): -69.4 to 61.1</p> <p>Centroid - X (mm): 0.0</p> <p>Centroid - Y (mm): 0.0</p> <p>Moments of inertia - X (mm⁴): 4229062.4</p> <p>Moments of inertia - Y (mm⁴): 226514.5</p> <p>Product of inertia - XY (mm⁴): 0.0</p> <p>Radius of gyration - X (mm): 43.1</p> <p>Radius of gyration - Y (mm): 31.5</p> <p>Principal moments along X-Y (mm⁴): 4229062.4 along [1.0 0.0]</p> <p>Principal moments along Y-X (mm⁴): 226514.5 along [0.0 1.0]</p> <p>Elastic Modulus - Zx (mm²): 1 / y-max= 60912.9</p> <p>Elastic Modulus - Zy (mm²): 1 / x-max= 50300.3</p>
<p>T1 --- ALUMINIUM TRANSOM</p> <p>GRADE --- 6063 T6</p> <p>COATING --- PVF2 COATING</p> 	<p>MASS PROPERTIES (UNIT)</p> <p>Area (mm²): 2283.2</p> <p>Perimeter (mm): 1446.4</p> <p>Bounding Box - X (mm): -88.5 to 95.5</p> <p>Bounding Box - Y (mm): -48.5 to 41.5</p> <p>Centroid - X (mm): 0.0</p> <p>Centroid - Y (mm): 0.0</p> <p>Moments of inertia - X (mm⁴): 1841389.3</p> <p>Moments of inertia - Y (mm⁴): 810752.5</p> <p>Product of inertia - XY (mm⁴): -388294.0</p> <p>Radius of gyration - X (mm): 28.4</p> <p>Radius of gyration - Y (mm): 59.6</p> <p>Principal moments along X-Y (mm⁴): 1817420.4 along [1.0 0.1]</p> <p>Principal moments along Y-X (mm⁴): 8131721.4 along [-0.1 1.0]</p> <p>Elastic Modulus - Zx (mm²): 1 / y-max= 37934.0</p> <p>Elastic Modulus - Zy (mm²): 1 / x-max= 84807.9</p>	<p>T2 --- ALUMINIUM TRANSOM</p> <p>GRADE --- 6063 T6</p> <p>COATING --- PVF2 COATING</p> 	<p>MASS PROPERTIES (UNIT)</p> <p>Area (mm²): 1969.2</p> <p>Perimeter (mm): 1203.5</p> <p>Bounding Box - X (mm): -100.8 to 83.2</p> <p>Bounding Box - Y (mm): -42.9 to 47.1</p> <p>Centroid - X (mm): 0.0</p> <p>Centroid - Y (mm): 0.0</p> <p>Moments of inertia - X (mm⁴): 1401920.1</p> <p>Moments of inertia - Y (mm⁴): 6039676.5</p> <p>Product of inertia - XY (mm⁴): 1059596.3</p> <p>Radius of gyration - X (mm): 26.7</p> <p>Radius of gyration - Y (mm): 55.4</p> <p>Principal moments along X-Y (mm⁴): 1171300.2 along [1.0 0.2]</p> <p>Principal moments along Y-X (mm⁴): 6270296.4 along [-0.2 1.0]</p> <p>Elastic Modulus - Zx (mm²): 1 / y-max= 29761.3</p> <p>Elastic Modulus - Zy (mm²): 1 / x-max= 59896.7</p>	<p>A01 --- ALUMINIUM CAP</p> <p>GRADE --- 6063 T5</p> <p>COATING --- PVF2 COATING</p> 	<p>MASS PROPERTIES (UNIT)</p> <p>Area (mm²): 132.6</p> <p>Perimeter (mm): 194.5</p> <p>Bounding Box - X (mm): -44.7 to 45.9</p> <p>Bounding Box - Y (mm): -3.1 to 0.8</p> <p>Centroid - X (mm): 0.0</p> <p>Centroid - Y (mm): 0.0</p> <p>Moments of inertia - X (mm⁴): 51.8</p> <p>Moments of inertia - Y (mm⁴): 96748.1</p> <p>Product of inertia - XY (mm⁴): 118.1</p> <p>Radius of gyration - X (mm): 0.6</p> <p>Radius of gyration - Y (mm): 27.0</p> <p>Principal moments along X-Y (mm⁴): 51.7 along [1.0 0.0]</p> <p>Principal moments along Y-X (mm⁴): 96748.3 along [0.0 1.0]</p> <p>Elastic Modulus - Zx (mm²): 1 / y-max= 16.6</p> <p>Elastic Modulus - Zy (mm²): 1 / x-max= 2107.2</p>	<p>A02 --- ALUMINIUM WINDOW SASH</p> <p>GRADE --- 6063 T6</p> <p>COATING --- PVF2 COATING</p> 	<p>MASS PROPERTIES (UNIT)</p> <p>Area (mm²): 673.8</p> <p>Perimeter (mm): 465.0</p> <p>Bounding Box - X (mm): -22.3 to 15.2</p> <p>Bounding Box - Y (mm): -37.3 to 40.7</p> <p>Centroid - X (mm): 0.0</p> <p>Centroid - Y (mm): 0.0</p> <p>Moments of inertia - X (mm⁴): 287162.6</p> <p>Moments of inertia - Y (mm⁴): 88704.2</p> <p>Product of inertia - XY (mm⁴): -87527.0</p> <p>Radius of gyration - X (mm): 20.6</p> <p>Radius of gyration - Y (mm): 11.5</p> <p>Principal moments along X-Y (mm⁴): 320249.0 along [0.9 -0.4]</p> <p>Principal moments along Y-X (mm⁴): 55617.8 along [0.4 0.9]</p> <p>Elastic Modulus - Zx (mm²): 1 / y-max= 7060.2</p> <p>Elastic Modulus - Zy (mm²): 1 / x-max= 3982.3</p>	<p>A03 --- ALUMINIUM CAPPING</p> <p>GRADE --- 6063 T6</p> <p>COATING --- PVF2 COATING</p> 	<p>MASS PROPERTIES (UNIT)</p> <p>Area (mm²): 304.6</p> <p>Perimeter (mm): 199.5</p> <p>Bounding Box - X (mm): -10.4 to 27.1</p> <p>Bounding Box - Y (mm): -14.5 to 25.5</p> <p>Centroid - X (mm): 0.0</p> <p>Centroid - Y (mm): 0.0</p> <p>Moments of inertia - X (mm⁴): 56645.9</p> <p>Moments of inertia - Y (mm⁴): 36421.8</p> <p>Product of inertia - XY (mm⁴): -25163.9</p> <p>Radius of gyration - X (mm): 13.6</p> <p>Radius of gyration - Y (mm): 10.9</p> <p>Principal moments along X-Y (mm⁴): 19414.2 along [0.6 -0.8]</p> <p>Principal moments along Y-X (mm⁴): 73653.5 along [0.8 0.6]</p> <p>Elastic Modulus - Zx (mm²): 1 / y-max= 2224.1</p> <p>Elastic Modulus - Zy (mm²): 1 / x-max= 1346.3</p>

B.D. REF :



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

ARCHITECT :
 WONG TUNG & PARTNERS LIMITED
WONG TUNG & PARTNERS LIMITED

MAIN CONTRACTOR :
 CR Construction Company Limited

STRUCTURAL ENGINEER :
 AECOM
AECOM
FACADE 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.
 0001 --- REFR 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

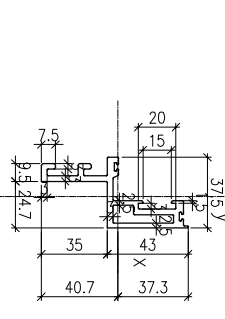
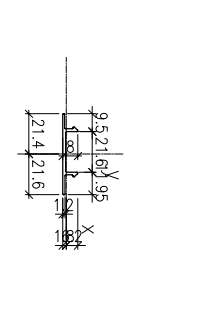
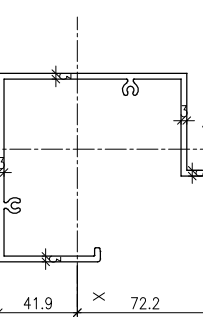
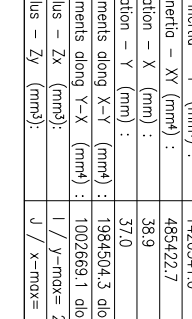
JOB NO. :
URA KWUN TONG TOWN CENTRE
REDEVELOPMENT (AREA 2 & 3) AT
NKIL 6514, KWUN TONG, KWILLOON

TITLE :
TYPICAL MULLION DETAIL
FOR CURTAIN WALL
PERFORMANCE TEST

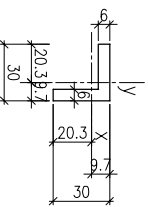
DATE : 10-SEP-18 SCALE : 1:2 (A1)
DRAWN BY : ASING CHECKED BY : -

 美特铝业有限公司
MIDI Architecture Associates Ltd.
Units 6-8, Sunny Industrial Centre, 1/F
610 Chee Kwo Ling Road, Kowloon
Tel: 23489211-4 Fax: (852) 2727666

DWG NO. : 4837-PTCW-ML01 REV. : -

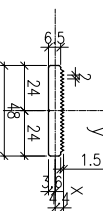
A04 --- ALUMINIUM WINDOW SASH GRADE --- 6063 T6	COATING --- PVF2 COATING	GRADE --- 6063 T6	COATING --- PVF2 COATING	GRADE --- 6063 T6	COATING --- PVF2 COATING																																																																																																																																																																
	<table border="1"> <thead> <tr> <th>MASS PROPERTIES (UNIT)</th> <th>VALUES</th> </tr> </thead> <tbody> <tr><td>Area (mm²) :</td><td>559.7</td></tr> <tr><td>Perimeter (mm) :</td><td>388.6</td></tr> <tr><td>Bounding Box - X (mm) :</td><td>-20.9 to 16.6</td></tr> <tr><td>Bounding Box - Y (mm) :</td><td>-40.7 to 37.3</td></tr> <tr><td>Centroid - X (mm) :</td><td>0.0</td></tr> <tr><td>Centroid - Y (mm) :</td><td>0.0</td></tr> <tr><td>Moments of inertia - X (mm⁴) :</td><td>246529.6</td></tr> <tr><td>Moments of inertia - Y (mm⁴) :</td><td>75425.8</td></tr> <tr><td>Product of inertia - XY (mm⁴) :</td><td>-100120.7</td></tr> <tr><td>Radius of gyration - X (mm) :</td><td>21.0</td></tr> <tr><td>Radius of gyration - Y (mm) :</td><td>11.6</td></tr> <tr><td>Principal moments along X-Y (mm⁴) :</td><td>292671.6 along [0.9 -0.4]</td></tr> <tr><td>Principal moments along Y-X (mm⁴) :</td><td>292833.8 along [0.4 0.9]</td></tr> <tr><td>Elastic Modulus - Zx (mm²) :</td><td>1 / y - max = 6058.8</td></tr> <tr><td>Elastic Modulus - Zy (mm²) :</td><td>J / x - max = 3609.7</td></tr> </tbody> </table>	MASS PROPERTIES (UNIT)	VALUES	Area (mm ²) :	559.7	Perimeter (mm) :	388.6	Bounding Box - X (mm) :	-20.9 to 16.6	Bounding Box - Y (mm) :	-40.7 to 37.3	Centroid - X (mm) :	0.0	Centroid - Y (mm) :	0.0	Moments of inertia - X (mm ⁴) :	246529.6	Moments of inertia - Y (mm ⁴) :	75425.8	Product of inertia - XY (mm ⁴) :	-100120.7	Radius of gyration - X (mm) :	21.0	Radius of gyration - Y (mm) :	11.6	Principal moments along X-Y (mm ⁴) :	292671.6 along [0.9 -0.4]	Principal moments along Y-X (mm ⁴) :	292833.8 along [0.4 0.9]	Elastic Modulus - Zx (mm ²) :	1 / y - max = 6058.8	Elastic Modulus - Zy (mm ²) :	J / x - max = 3609.7	<table border="1"> <thead> <tr> <th>MASS PROPERTIES (UNIT)</th> <th>VALUES</th> </tr> </thead> <tbody> <tr><td>Area (mm²) :</td><td>138.3</td></tr> <tr><td>Perimeter (mm) :</td><td>142.3</td></tr> <tr><td>Bounding Box - X (mm) :</td><td>-10.1 to 10.9</td></tr> <tr><td>Bounding Box - Y (mm) :</td><td>-8.2 to 12.7</td></tr> <tr><td>Centroid - X (mm) :</td><td>0.0</td></tr> <tr><td>Centroid - Y (mm) :</td><td>0.0</td></tr> <tr><td>Moments of inertia - X (mm⁴) :</td><td>5995.3</td></tr> <tr><td>Moments of inertia - Y (mm⁴) :</td><td>8724.2</td></tr> <tr><td>Product of inertia - XY (mm⁴) :</td><td>-2.7</td></tr> <tr><td>Radius of gyration - X (mm) :</td><td>6.6</td></tr> <tr><td>Radius of gyration - Y (mm) :</td><td>7.9</td></tr> <tr><td>Principal moments along X-Y (mm⁴) :</td><td>5995.3 along [1.0 0.0]</td></tr> <tr><td>Principal moments along Y-X (mm⁴) :</td><td>8724.2 along [0.0 1.0]</td></tr> <tr><td>Elastic Modulus - Zx (mm²) :</td><td>1 / y - max = 472.3</td></tr> <tr><td>Elastic Modulus - Zy (mm²) :</td><td>J / x - max = 798.7</td></tr> </tbody> </table>	MASS PROPERTIES (UNIT)	VALUES	Area (mm ²) :	138.3	Perimeter (mm) :	142.3	Bounding Box - X (mm) :	-10.1 to 10.9	Bounding Box - Y (mm) :	-8.2 to 12.7	Centroid - X (mm) :	0.0	Centroid - Y (mm) :	0.0	Moments of inertia - X (mm ⁴) :	5995.3	Moments of inertia - Y (mm ⁴) :	8724.2	Product of inertia - 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AB4---ALUM. ANGLE BRACKET COATING --- N/A FINISHED
GRADE --- 6061 T6



MASS PROPERTIES (UNIT)	VALUES
Area (mm ²) :	324.0
Perimeter (mm) :	120.0
Bounding Box - X (mm):	-20.3 to 9.7
Bounding Box - Y (mm):	-20.3 to 9.7
Centroid - X (mm) :	0.0
Centroid - Y (mm) :	0.0
Moments of inertia - X (mm ⁴) :	25452.0
Moments of inertia - Y (mm ⁴) :	25452.0
Product of inertia - XY (mm ⁴) :	-14400.0
Radius of gyration - X (mm) :	8.9
Radius of gyration - Y (mm) :	8.9
Principal moments along X-Y (mm ⁴) :	11052.0 along [0.7 -0.7]
Principal moments along Y-X (mm ⁴) :	39852.0 along [0.7 0.7]
Elastic Modulus - Zx (mm ³):	1 / y--max= 1251.7
Elastic Modulus - Zy (mm ³):	J / x--max= 1251.7

AB6---ALUM. SEPARATE WASHER COATING --- N/A FINISHED
GRADE --- 6061 T6



MASS PROPERTIES (UNIT)	VALUES
Area (mm ²) :	343.7
Perimeter (mm) :	143.2
Bounding Box - X (mm):	-24.0 to 24.0
Bounding Box - Y (mm):	-3.6 to 4.4
Centroid - X (mm) :	0.0
Centroid - Y (mm) :	0.0
Moments of inertia - X (mm ⁴) :	1509.7
Moments of inertia - Y (mm ⁴) :	64737.2
Product of inertia - XY (mm ⁴) :	0.0
Radius of gyration - X (mm) :	2.1
Radius of gyration - Y (mm) :	13.7
Principal moments along X-Y (mm ⁴) :	1509.7 along [1.0 0.0]
Principal moments along Y-X (mm ⁴) :	64737.2 along [0.0 1.0]
Elastic Modulus - Zx (mm ³):	1 / y--max= 344.2
Elastic Modulus - Zy (mm ³):	J / x--max= 2697.4

B.D. REF :

CLIENT :

信和置業有限公司
Sino Land Company Limited

ARCHITECT :

WONG TUNG & PARTNERS LIMITED

MAIN CONTRACTOR :




CR Construction Company Limited

STRUCTURAL ENGINEER :

AECOM
FAÇADE CONSULTANTE:

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.
 X0001 --- REFER SHEET NO.
1. F.F.L. --- FINISHED FLOOR LEVEL
2. S.F.L. --- STRUCTURAL FLOOR LEVEL
3.  --- REVERSED DETAIL

NO.	DATE	GENERAL	REVISED	BY
A	26/9/2018	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 CURTAIN WALL
PERFORMANCE TEST

DATE : 10-SEP-18 SCALE : 1:2 (A1)
DRAWN BY : ASING CHECKED BY : -


MIDI ALUMINIUM FABRICATOR SDN. BHD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Chia Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666
DWG NO. : 1837-PTCW-M1.03 REV. : A

B.D. REF :

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

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM

FAÇADE CONSULTANT:
AECOM

NOTE:
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LEGEND:
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②---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	26/9/2018	GENERAL REVISED	

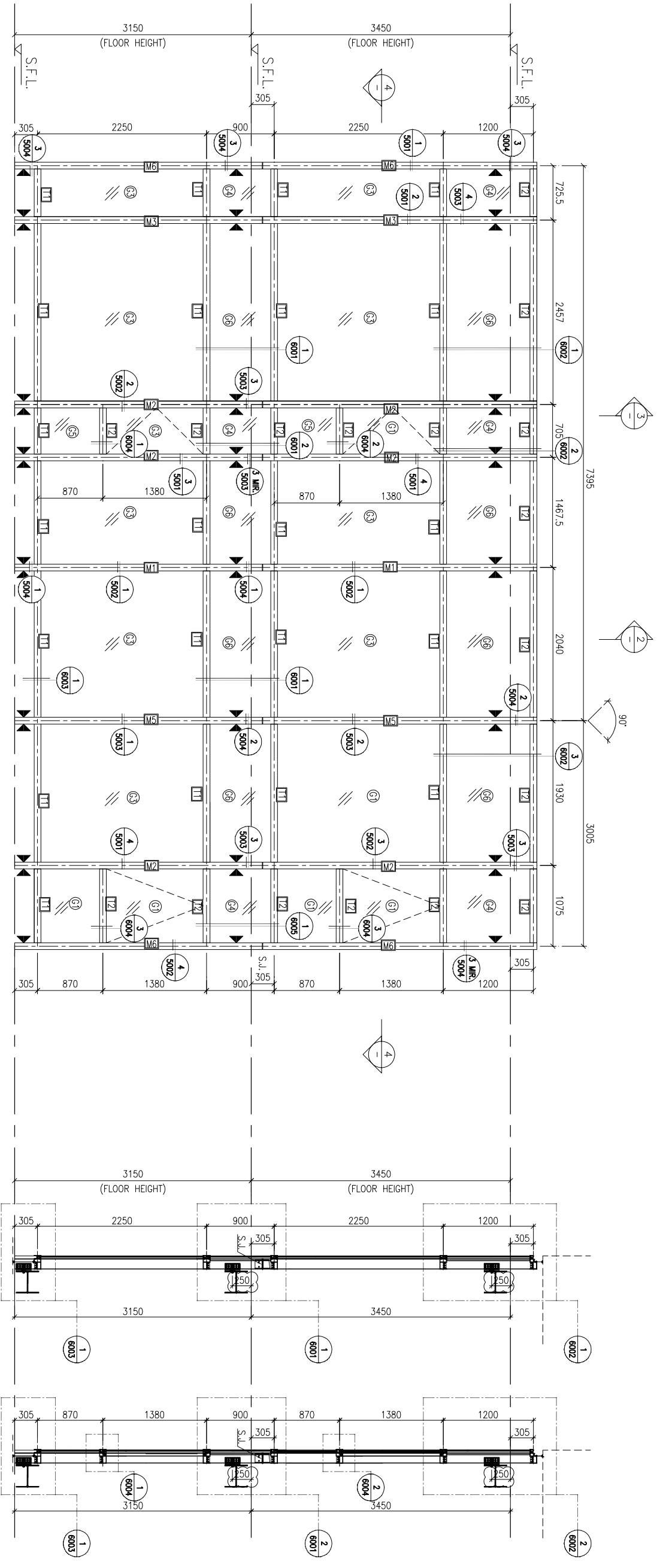
JOB NO. : J-837

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

TITLE :
ELEVATION
FOR CURTAIN WALL
PERFORMANCE TEST

DATE : 10-SEP-18 SCALE : 1:30 (A1)
DRAWN BY : ASING CHECKED BY : -

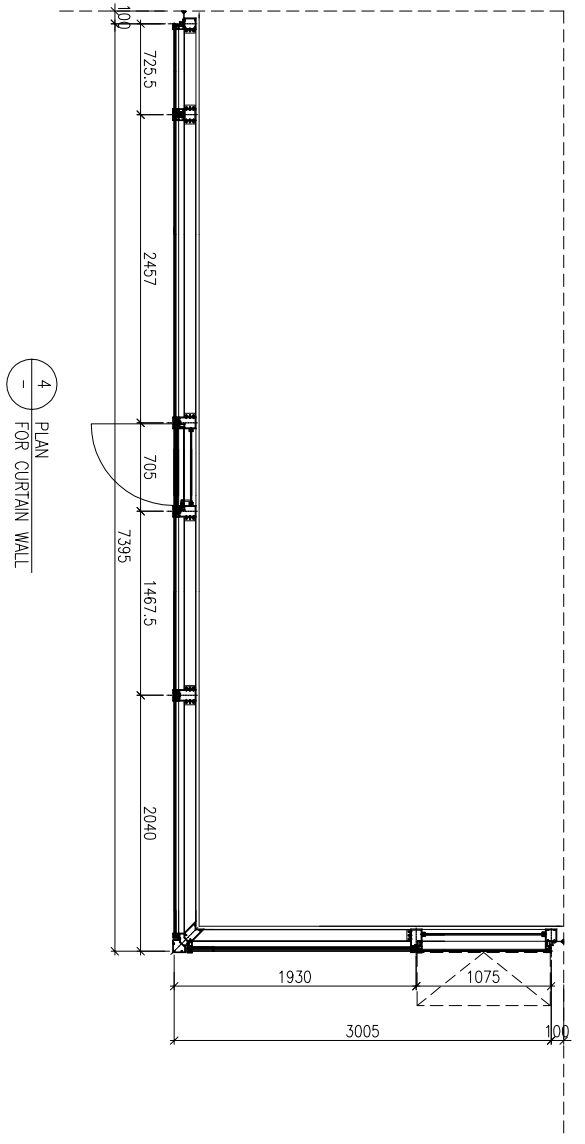
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27272666
DWG NO. : J837-PTCW-2101 REV. : A



1 ELEVATION OF PERFORMANCE TEST AREA

2 TYPICAL SECTION FOR CURTAIN WALL

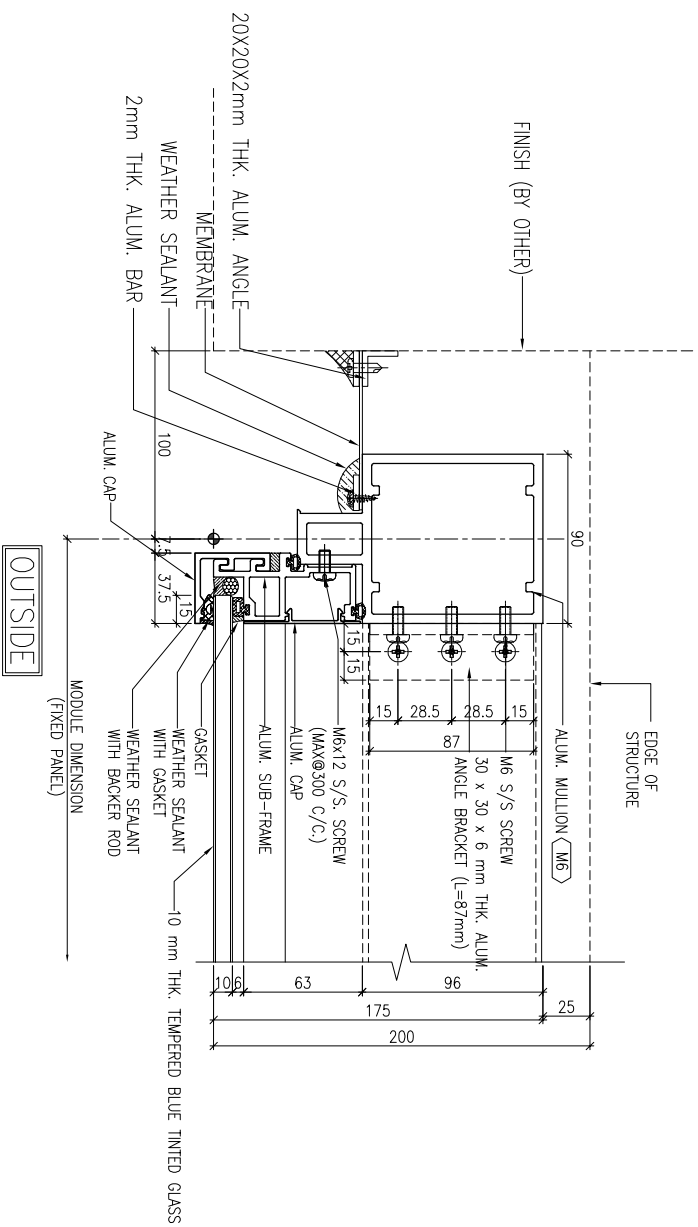
3 TYPICAL SECTION FOR CURTAIN WALL



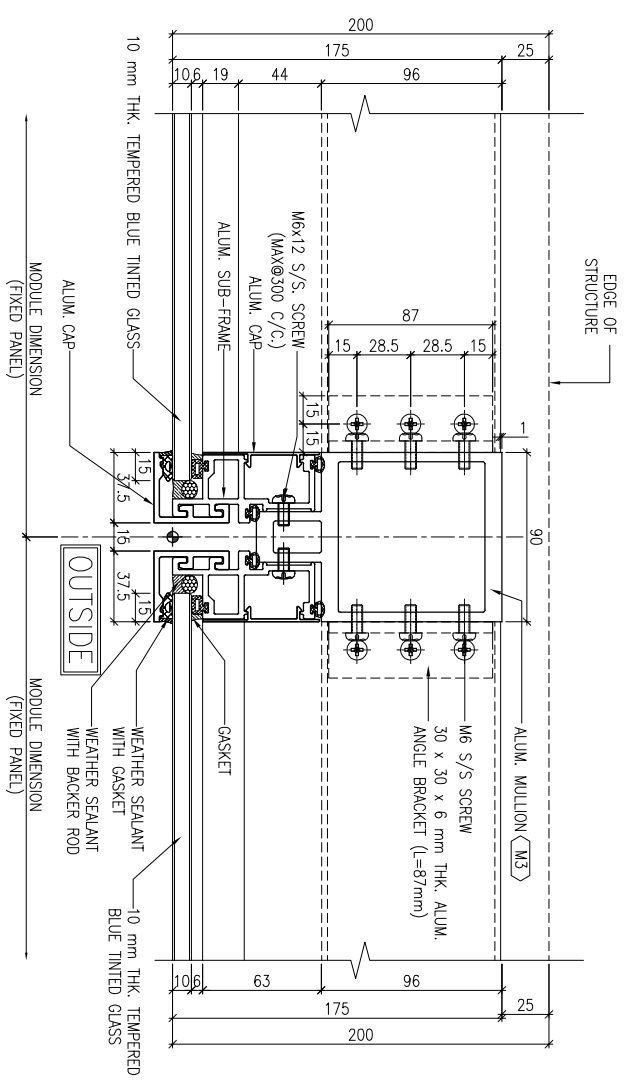
4 PLAN FOR CURTAIN WALL

LEGEND:

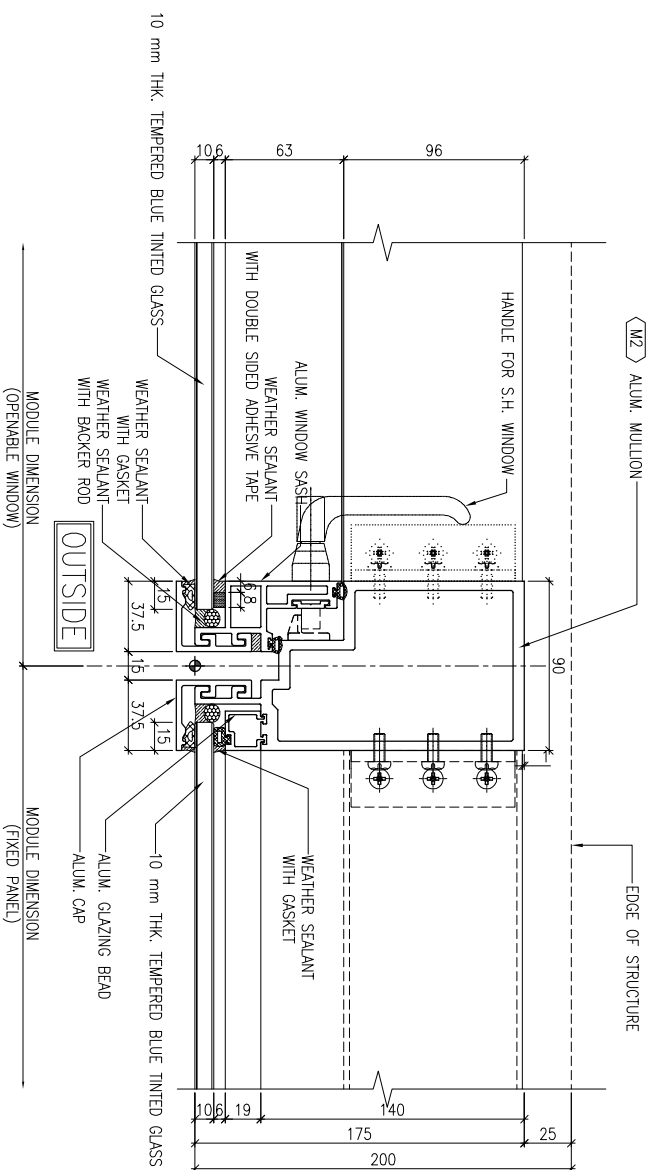
- ①+ 10 mm THK. TEMPERED BLUE GLASS (OUTER GLASS (INNER))
- ②+ 10 mm THK. TEMPERED BLUE TINTED GLASS
- ③+ 8 mm THK. HEAT STRENGTHENED BLUE TINTED GLASS (SPANDREL GLASS)
- ④+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑤+ 8 mm THK. TEMPERED BLUE TINTED GLASS (SPANDREL GLASS)
- ⑥+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑦+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑧+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑨+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑩+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑪+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑫+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑬+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑭+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑮+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑯+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑰+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑱+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑲+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ⑳+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㉑+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㉒+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㉓+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㉔+ 8 mm THK. TEMPERED BLUE TINTED GLASS
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- ㉝+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㉞+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㉟+ 8 mm THK. TEMPERED BLUE TINTED GLASS
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- ㊲+ 8 mm THK. TEMPERED BLUE TINTED GLASS
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- ㊶+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㊷+ 8 mm THK. TEMPERED BLUE TINTED GLASS
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- ㊹+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㊺+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㊻+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㊼+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㊽+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㊾+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ㊿+ 8 mm THK. TEMPERED BLUE TINTED GLASS
- ①---ALUM. EXTRUSION DIE NO.
- ②---SUPPORT POINT
- ③---STACK JOINT
- S.L.---STACK JOINT



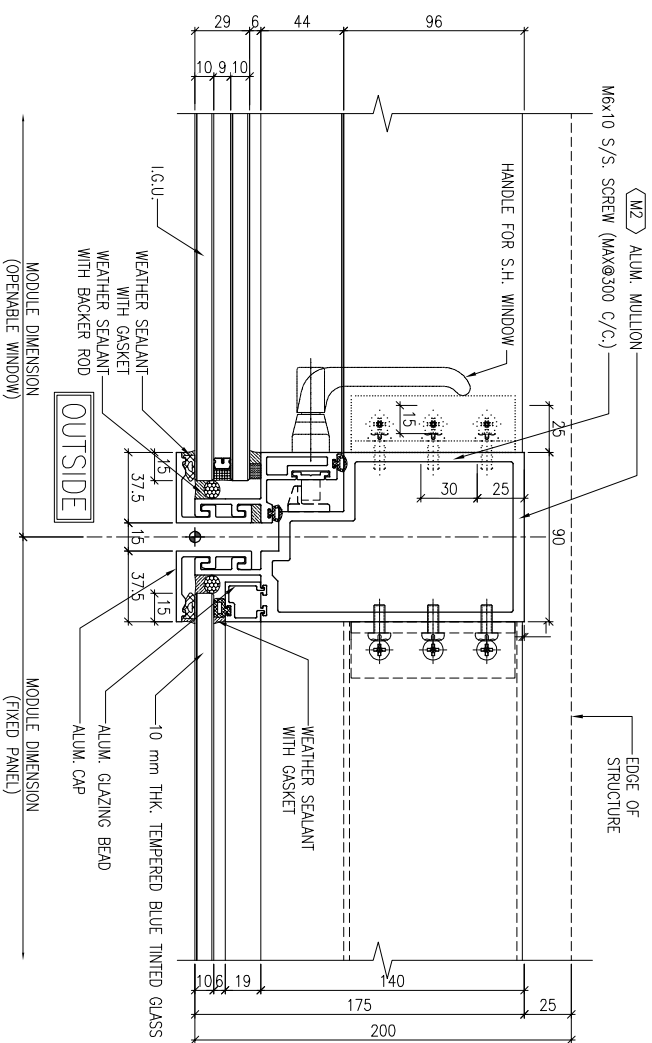
1 TYPICAL MULLION DETAIL
5001 CURTAIN WALL



2 TYPICAL MULLION DETAIL
5001 CURTAIN WALL



3 TYPICAL MULLION DETAIL
5001 CURTAIN WALL



4 TYPICAL MULLION DETAIL
5001 CURTAIN WALL

B.D. REF :

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

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS
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

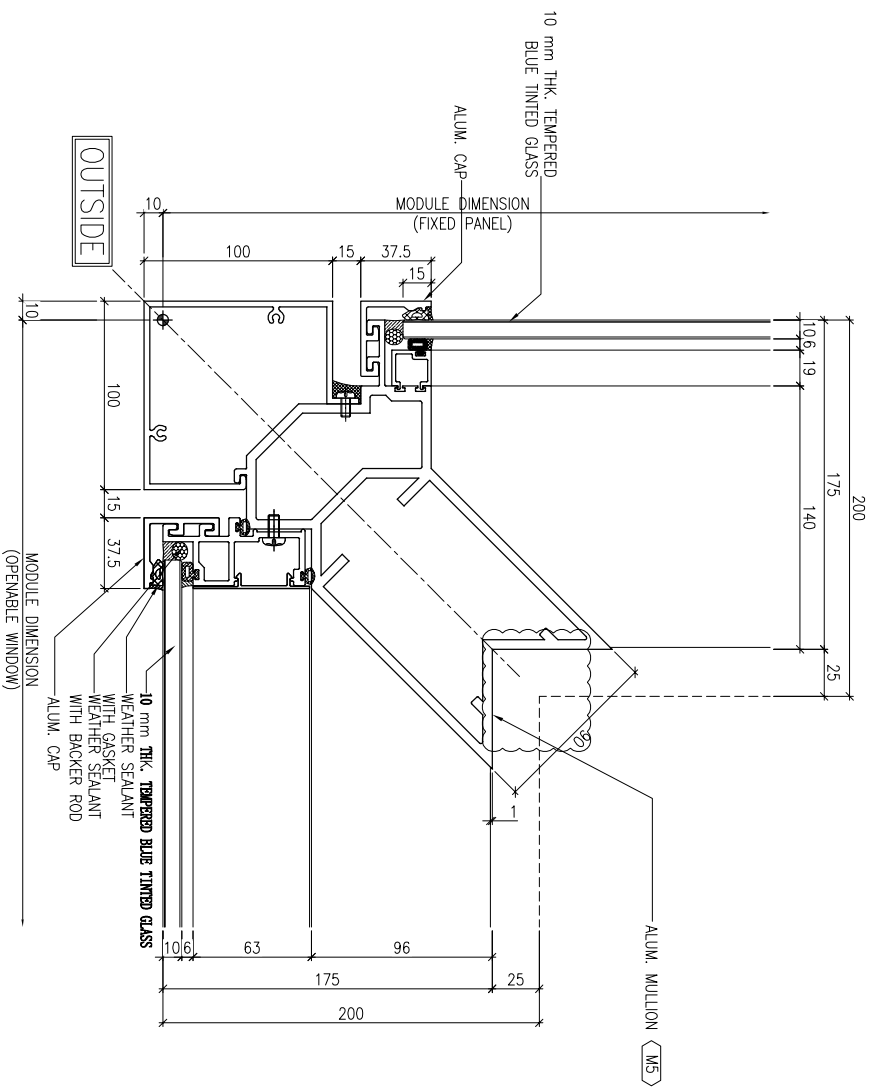
NO.	DATE	REVISION	BY
J-837			

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

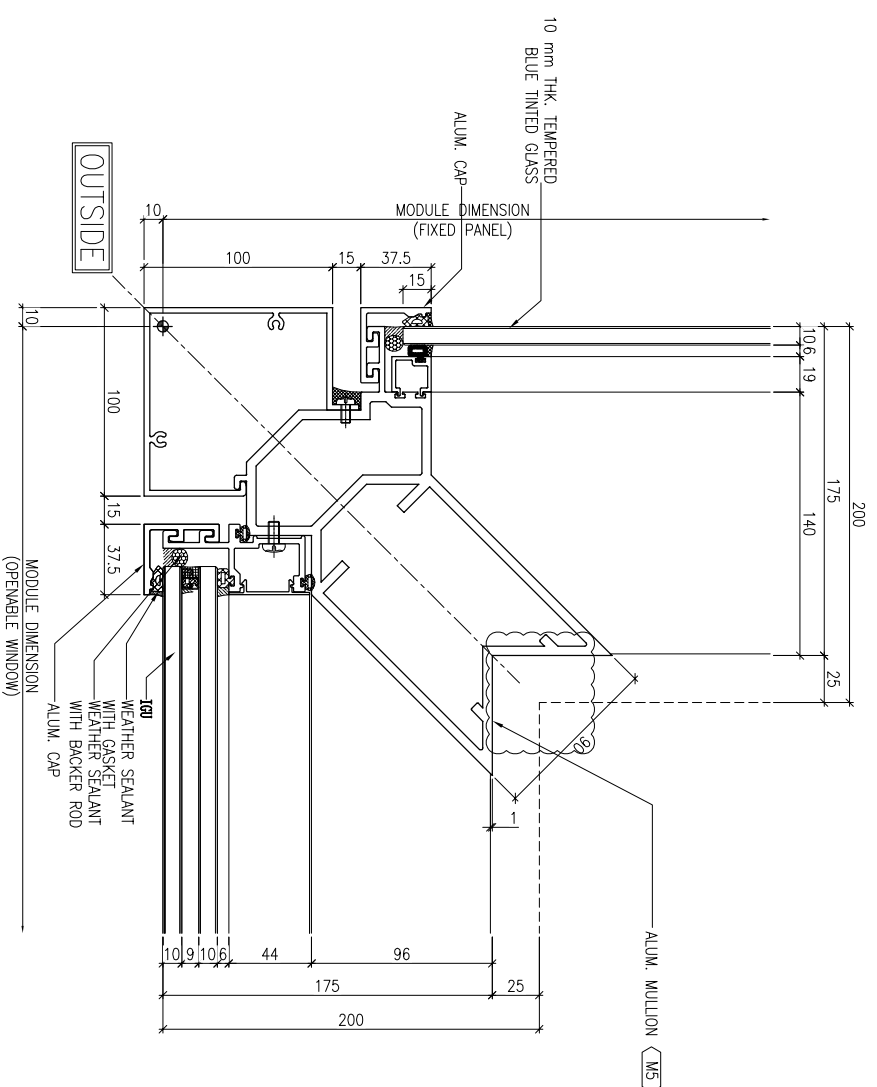
TITLE : TYPICAL MULLION DETAIL FOR CURTAIN WALL PERFORMANCE TEST

DATE : 10-SEP-18 SCALE : 1:2 (A1)
DRAWN BY : ASING CHECKED BY : -

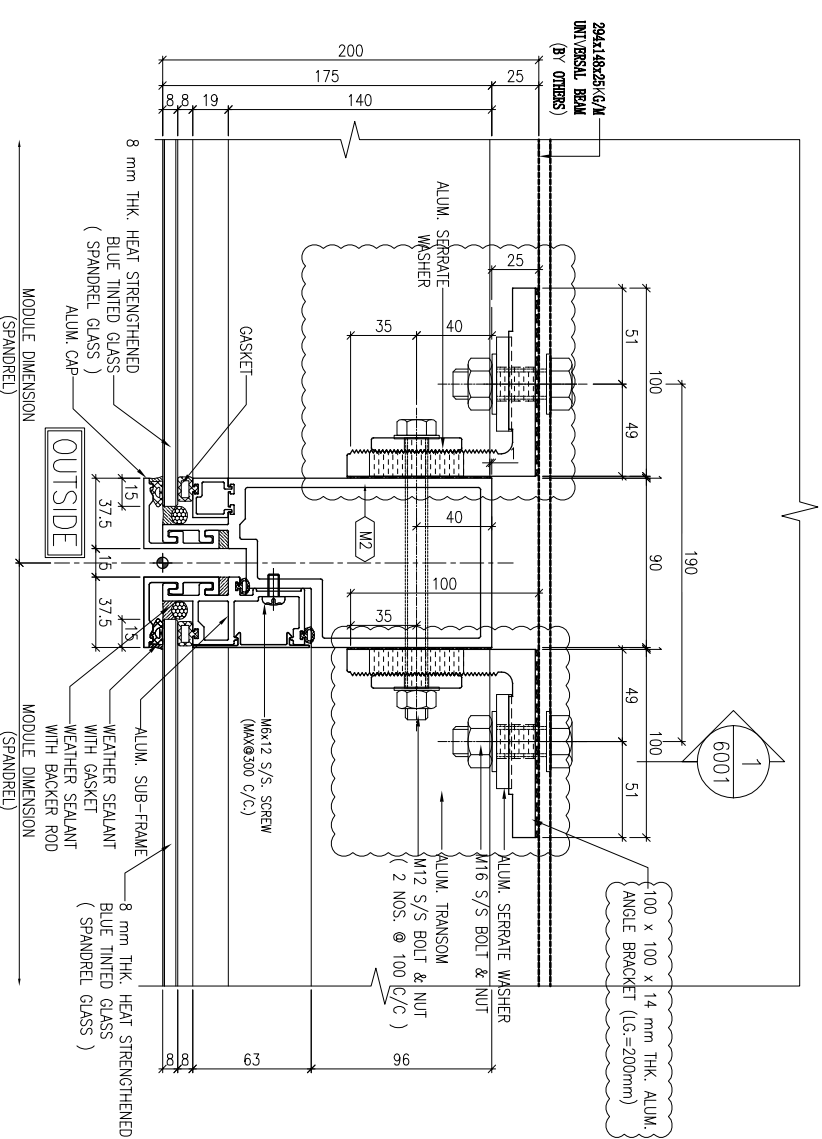
UNITED ALUMINIUM FABRICATOR LTD.
美特铝业有限公司
MIDI ALUMINIUM FABRICATOR LTD.
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)2727666
DWG NO. : 1837-PTCW-5001 REV. : -



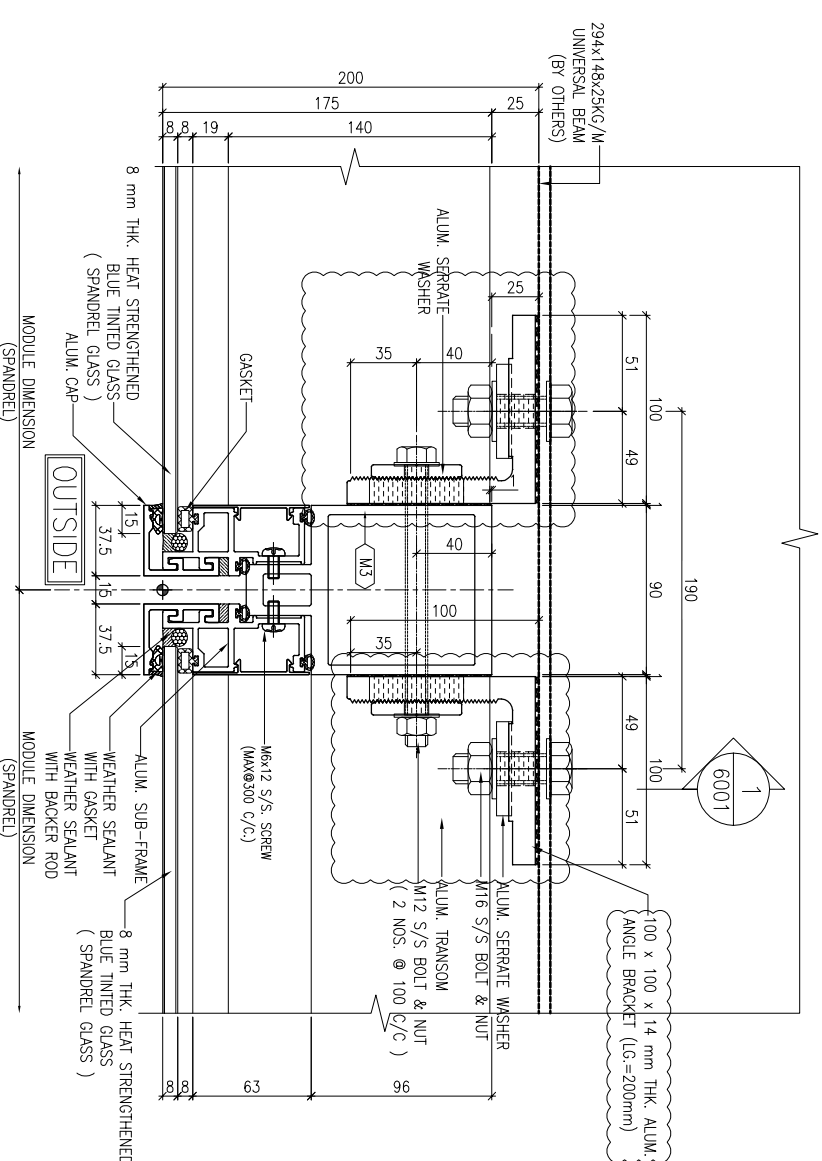
1 TYPICAL MULLION DETAIL
5003 CURTAIN WALL



2 TYPICAL MULLION DETAIL
5003 CURTAIN WALL



3 TYPICAL MULLION DETAIL
5003 CURTAIN WALL



4 TYPICAL MULLION DETAIL
5003 CURTAIN WALL

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	26/9/2018	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 CURTAIN WALL
PERFORMANCE TEST

DATE : 10-SEP-18 SCALE : 1:2 (A1)
DRAWN BY : ASING CHECKED BY : -
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. : 4837-PTCW-5003 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

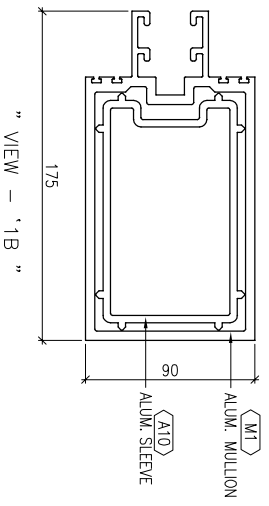
STRUCTURAL ENGINEER :
AECOM

FAÇADE CONSULTANT:
AECOM

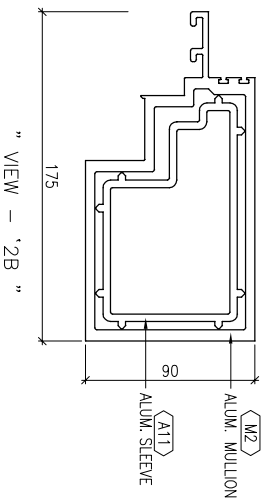
NOTE:
1. ALL DIMENSIONS ARE IN mm.
2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.

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

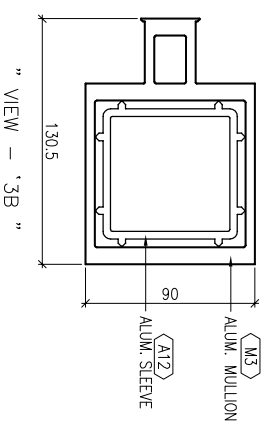
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2. S.F.L. --- STRUCTURAL FLOOR LEVEL
3. (R) --- REVERSED DETAIL



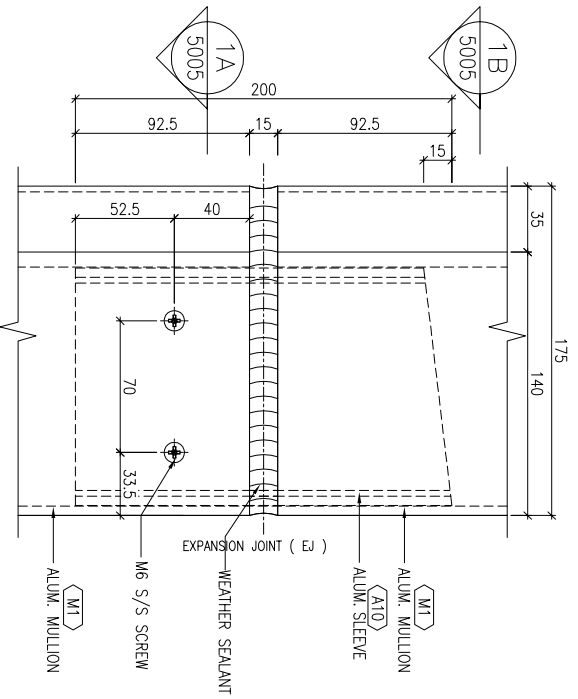
" VIEW - '1B' "



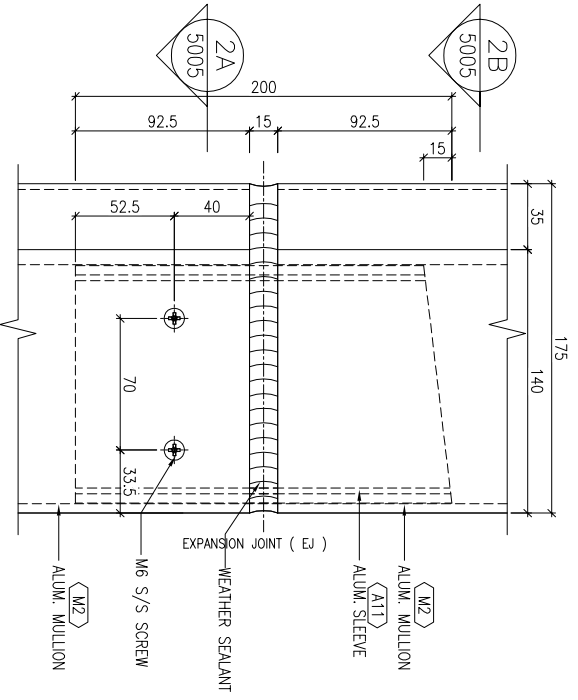
" VIEW - '2B' "



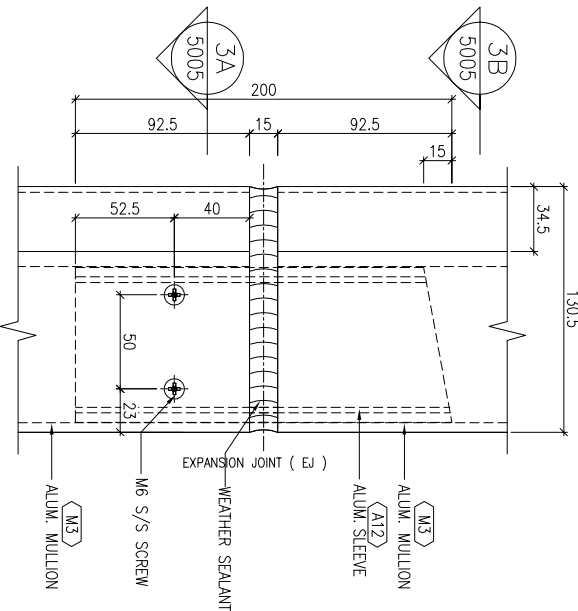
" VIEW - '3B' "



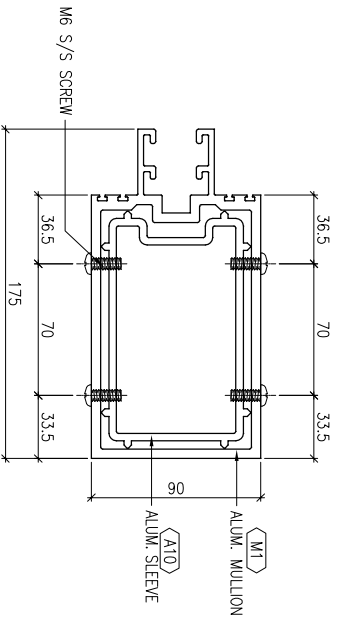
1A
5005



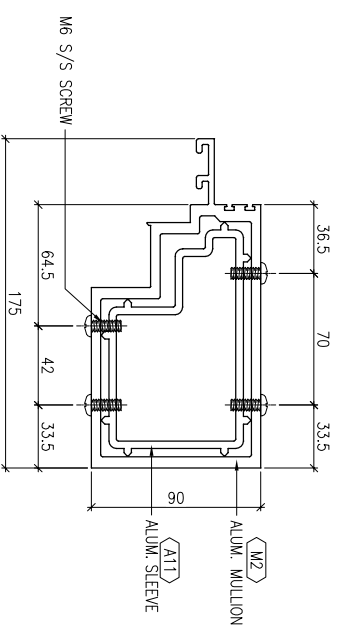
2A
5005



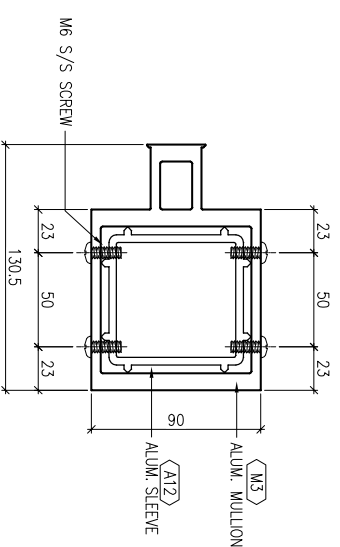
3A
5005



" VIEW - 1A "



" VIEW - 2A "



" VIEW - 3A "

" ALUMINIUM CURTAIN WALL SLEEVE "

- TYPICAL FIXING DETAIL

1
5005
TYPICAL MULLION DETAIL
CURTAIN WALL

" ALUMINIUM CURTAIN WALL SLEEVE "

- TYPICAL FIXING DETAIL

2
5005
TYPICAL MULLION DETAIL
CURTAIN WALL

" ALUMINIUM CURTAIN WALL SLEEVE "

- TYPICAL FIXING DETAIL

3
5005
TYPICAL MULLION DETAIL
CURTAIN WALL

TITLE :
TYPICAL MULLION DETAIL
FOR CURTAIN WALL
PERFORMANCE TEST

DATE : 10-SEP-18 SCALE : 1:2 (A1)

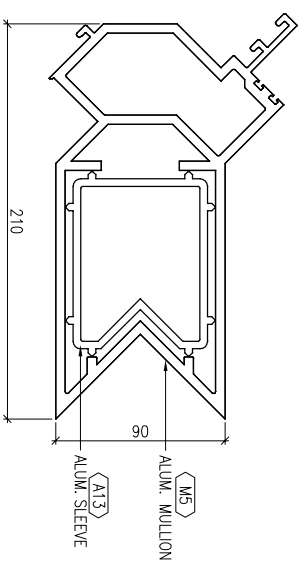
DRAWN BY : ASING CHECKED BY : -

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

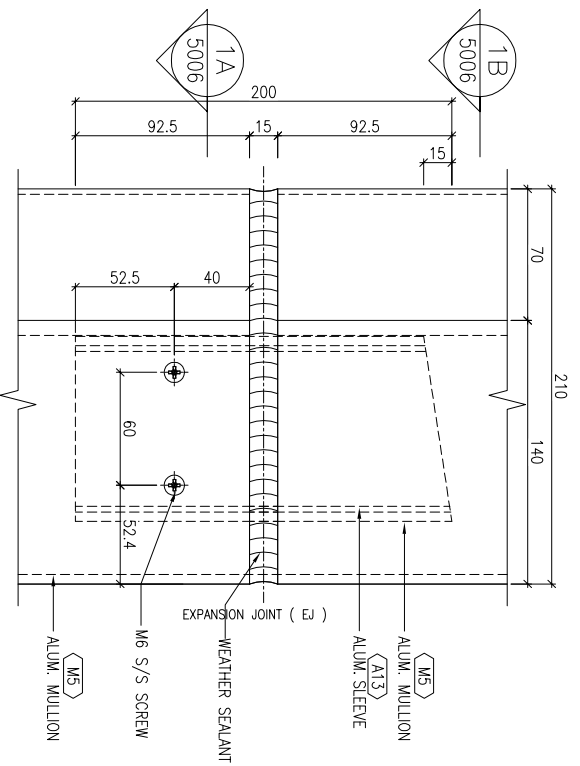
DWG NO. : 4837-PTCW-5005 REV. : -

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

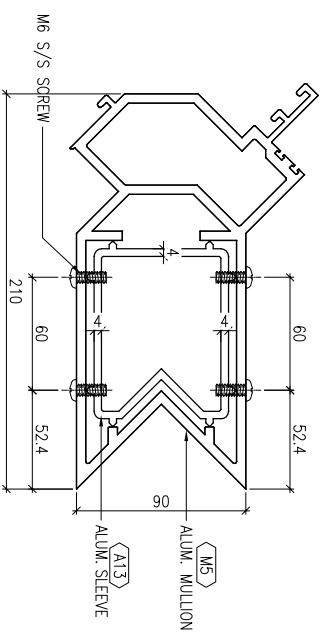
美特铝业有限公司



" VIEW - '1B' "

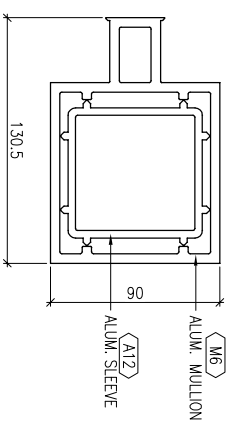


" VIEW - '1A' "

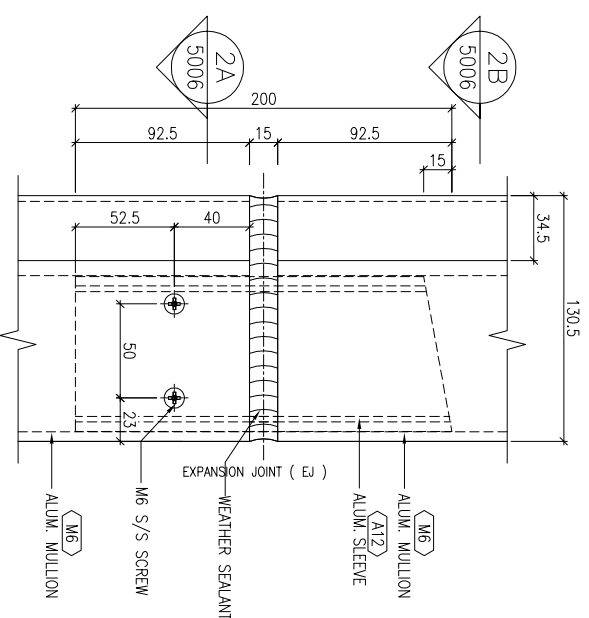


" ALUMINIUM CURTAIN WALL SLEEVE "
- TYPICAL FIXING DETAIL

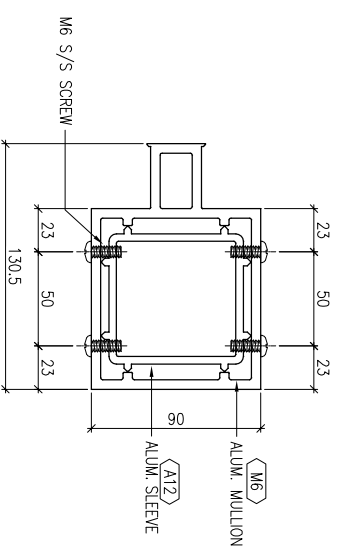
1 TYPICAL MULLION DETAIL
5006 CURTAIN WALL



" VIEW - '2B' "



" VIEW - '2A' "



" ALUMINIUM CURTAIN WALL SLEEVE "
- TYPICAL FIXING DETAIL

2 TYPICAL MULLION DETAIL
5006 CURTAIN WALL

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

JOB NO. : J-837

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

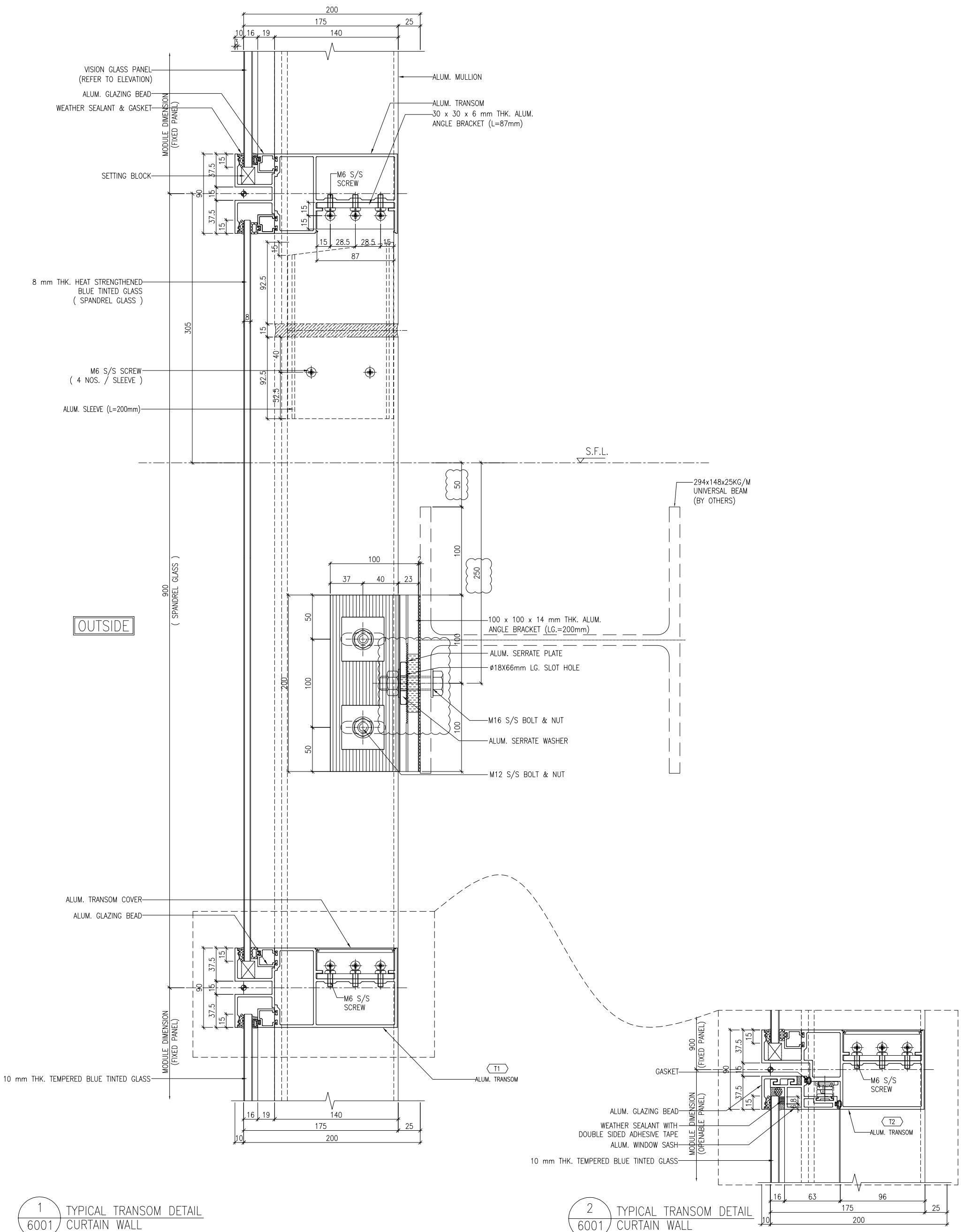
TITLE :
TYPICAL MULLION DETAIL
FOR CURTAIN WALL
PERFORMANCE TEST

DATE : 10-SEP-18 SCALE : 1:2 (A1)

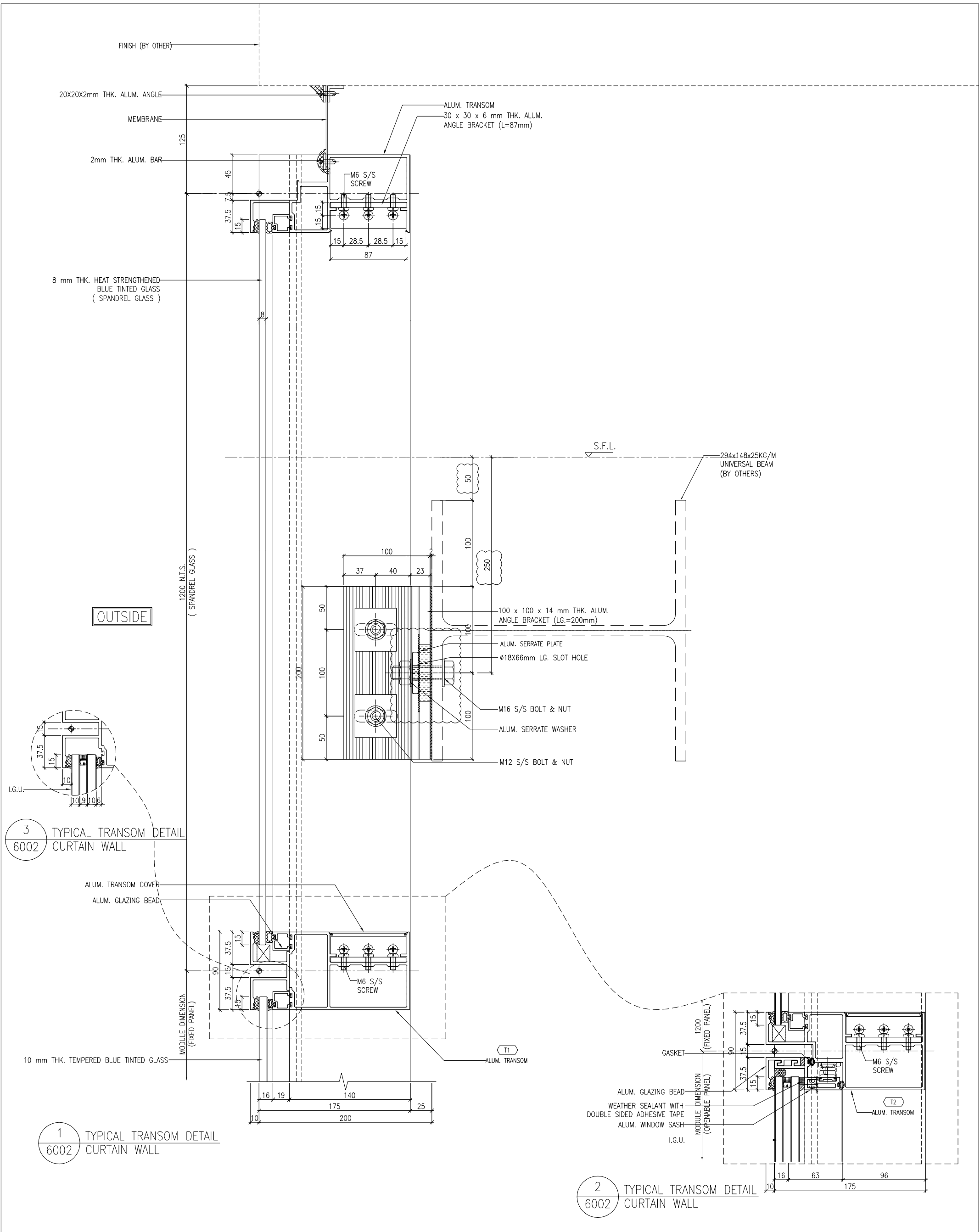
DRAWN BY : ASING CHECKED BY : -

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-PTCW-5006 REV. : -



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. (F.F.L) --- FINISHED FLOOR LEVEL (S.F.L) --- STRUCTURAL FLOOR LEVEL (R) --- REVERSED DETAIL							
JOB NO. : J-837	DATE : 26/9/2018						
PROJECT : URA KWUN TONG TOWN CENTRE REDEVELOPMENT (AREA 2 & 3) AT NKIL 6514, KWUN TONG, KWLOON	REVISIONS : <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> </tr> <tr> <td>A</td> <td>26/9/2018</td> <td>GENERAL REVISED</td> </tr> </table>	NO.	DATE	REVISION	A	26/9/2018	GENERAL REVISED
NO.	DATE	REVISION					
A	26/9/2018	GENERAL REVISED					
TITLE : TYPICAL TRANSOM DETAIL FOR CURTAIN WALL PERFORMANCE TEST							
DATE : 10-SEP-18 SCALE : 1:2 (A1) DRAWN BY : ASING CHECKED BY : -							
DRWG NO. : 4837-PTCW-6001 REV. : A							
CONTACT INFORMATION : 美特鋁質有限公司 MIDY ALUMINIUM FABRICATOR LTD. Units 6-8, Sunray Industrial Centre, 1/F 610 Cha Kwo Ling Road, Kowloon Tel: 23489211-4 Fax: (852) 2727666							

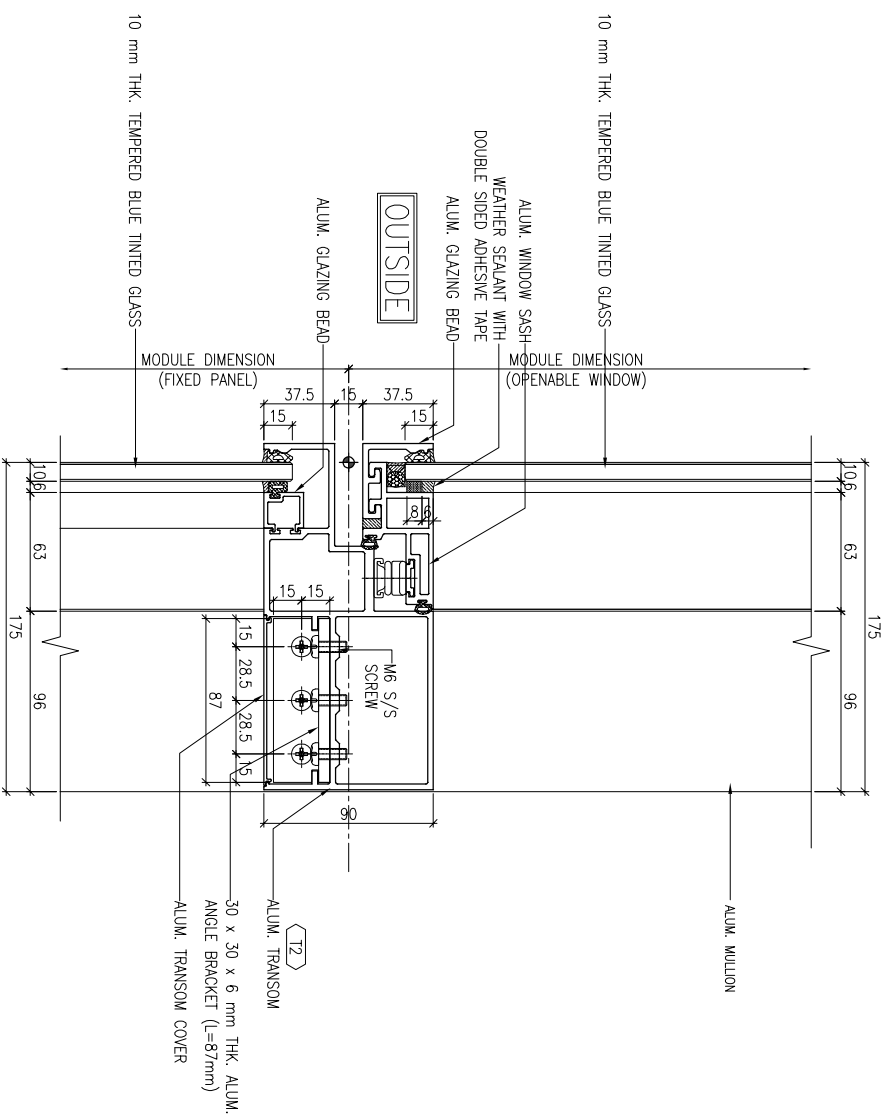


3 TYPICAL TRANSOM DETAIL
6002 CURTAIN WALL

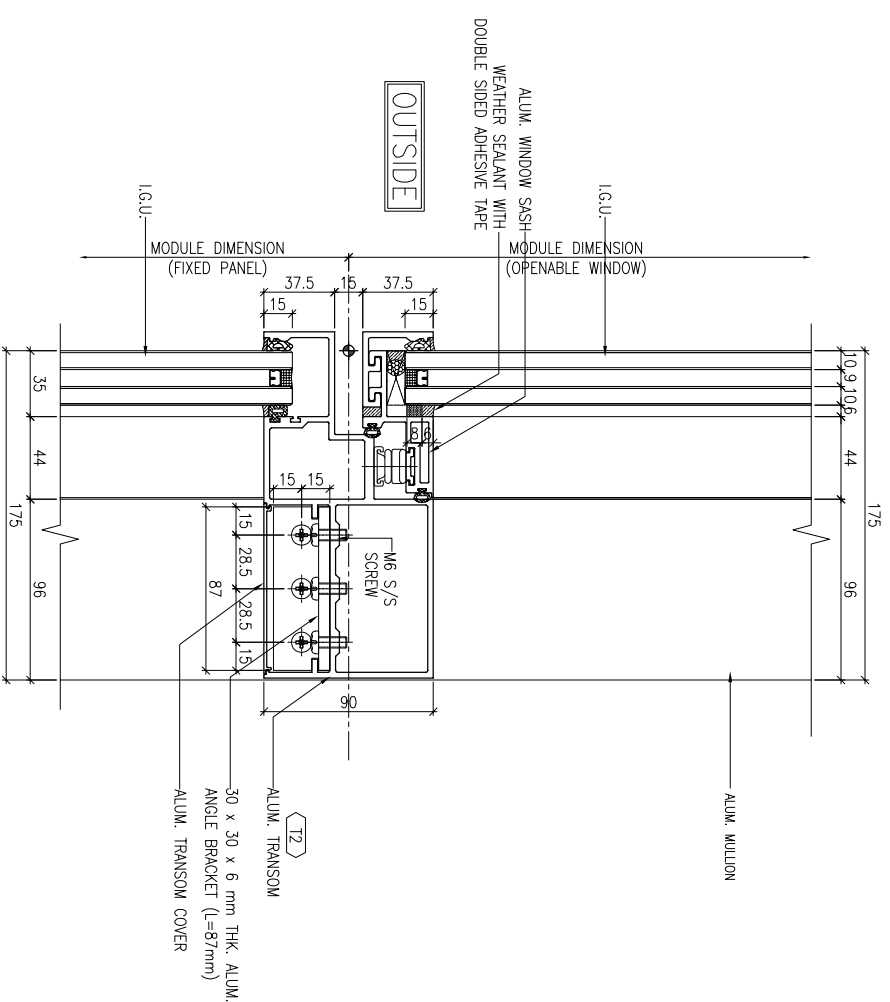
1 TYPICAL TRANSOM DETAIL
6002 CURTAIN WALL

2 TYPICAL TRANSOM DETAIL
6002 CURTAIN WALL

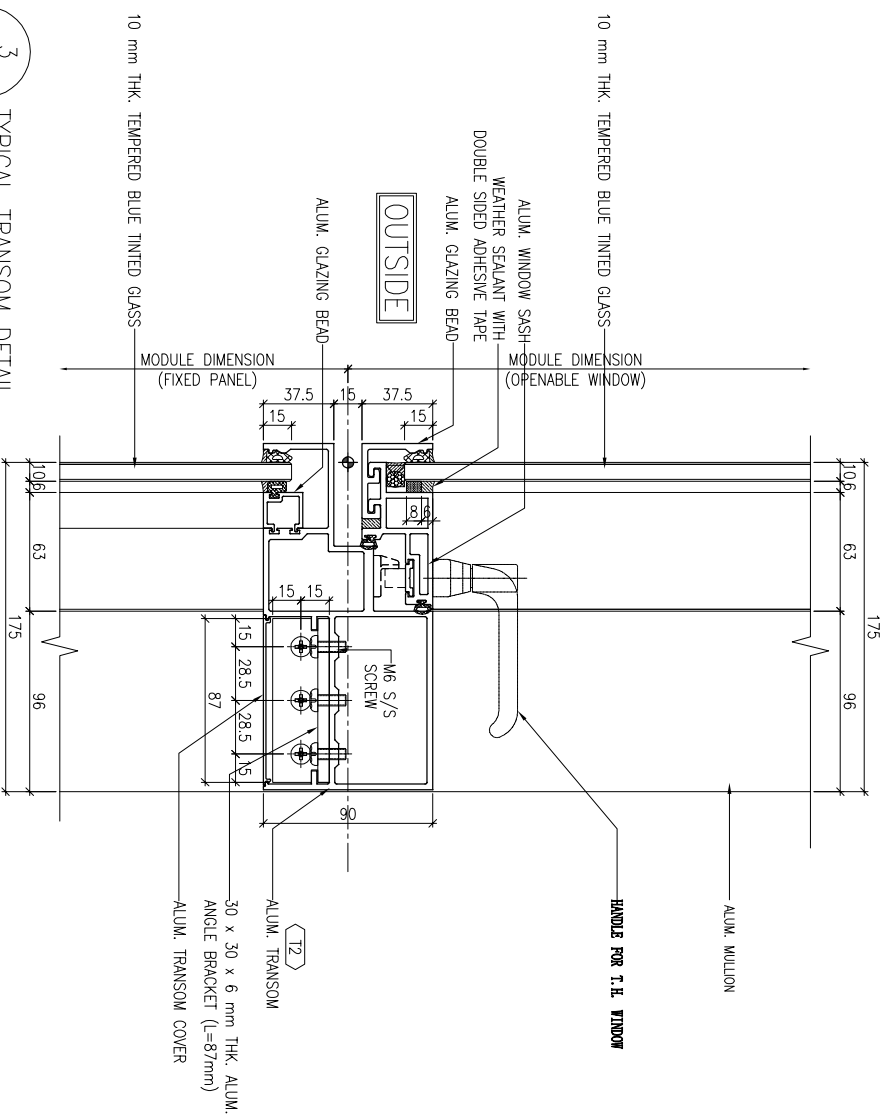
<p>B.O. REF :</p>	
<p>CLIENT : 信和置業有限公司 Sino Land Company Limited</p>	
<p>ARCHITECT : WONG TUNG & PARTNERS LIMITED ARCHITECTS & PLANNERS</p>	
<p>MAIN CONTRACTOR : CR Construction Company Limited</p>	
<p>STRUCTURAL ENGINEER : AECOM</p>	
<p>FAÇADE CONSULTANT : AECOM</p>	
<p>NOTE : 1. ALL DIMENSIONS ARE 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, KWLOON</p>	
<p>TITLE : TYPICAL TRANSOM DETAIL FOR CURTAIN WALL PERFORMANCE TEST</p>	
<p>DATE : 10-SEP-18 SCALE : 1:2 (A1)</p>	
<p>DRAWN BY : ASING CHECKED BY : -</p>	
<p>UNITS 6-8, Sunray Industrial Centre, 1/F 610 Cha Kwo Ling Road, Kowloon Tel: 23489211-4 Fax: (852) 27272666</p>	
<p>DWG NO. : 1837-PTCW-6002 REV. : A</p>	



1 TYPICAL TRANSOM DETAIL
6004 CURTAIN WALL



2 TYPICAL TRANSOM DETAIL
6004 CURTAIN WALL



3 TYPICAL TRANSOM DETAIL
6004 CURTAIN WALL

B.D. REF :

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

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS
WTF

MAIN CONTRACTOR :
CR Construction Company Limited

STRUCTURAL ENGINEER :
AECOM
FACADE 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

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 CURTAIN WALL
PERFORMANCE TEST

DATE : 10-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. : 1837-PTCW-6004 REV. : -

