



工程指示 / 要求簡箋(E.I.)

工程指示編號：EI / 5294 / 22

修改版次： -

工程編號： J - 858

工程名稱：將軍澳日出康城 11

工程項目：試水箱 單元件 安裝過程中 comment

收件人：生統 / 王良

發件人： Ant Yeung

日期：04/11/2022

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 |

內容：

於 2022.10.26 業主，顧問試水箱現場視察 Comment，廠也需請跟進。

請在 2022.11.07 前完成上列要求。

附： 頁

原合約工程包

原合約工程加 / 減賬

新工程報價

分發東莞各部門：

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> 生產技術總監 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 技術部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 生產部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 機械設計部 <input type="checkbox"/> 連附件 |
| <input type="checkbox"/> 採購部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 生產統籌部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 小羅 & 清 <input type="checkbox"/> 連附件 | |
| <input type="checkbox"/> 質檢部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 會計部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 報關組 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 其他 楊榮輝 <input type="checkbox"/> 連附件 |

分發香港各部門：

- | | | | |
|---|--|---|--|
| <input type="checkbox"/> 行政部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 會計部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 統籌部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 工程部地盤科文 <input type="checkbox"/> 連附件 積哥 |
| <input type="checkbox"/> 採購部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> QS 部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 維修部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 其他 _____ <input type="checkbox"/> 連附件 |

傳遞編號：

HK 1928 / 22

發件人簽署：

項目經理簽署：

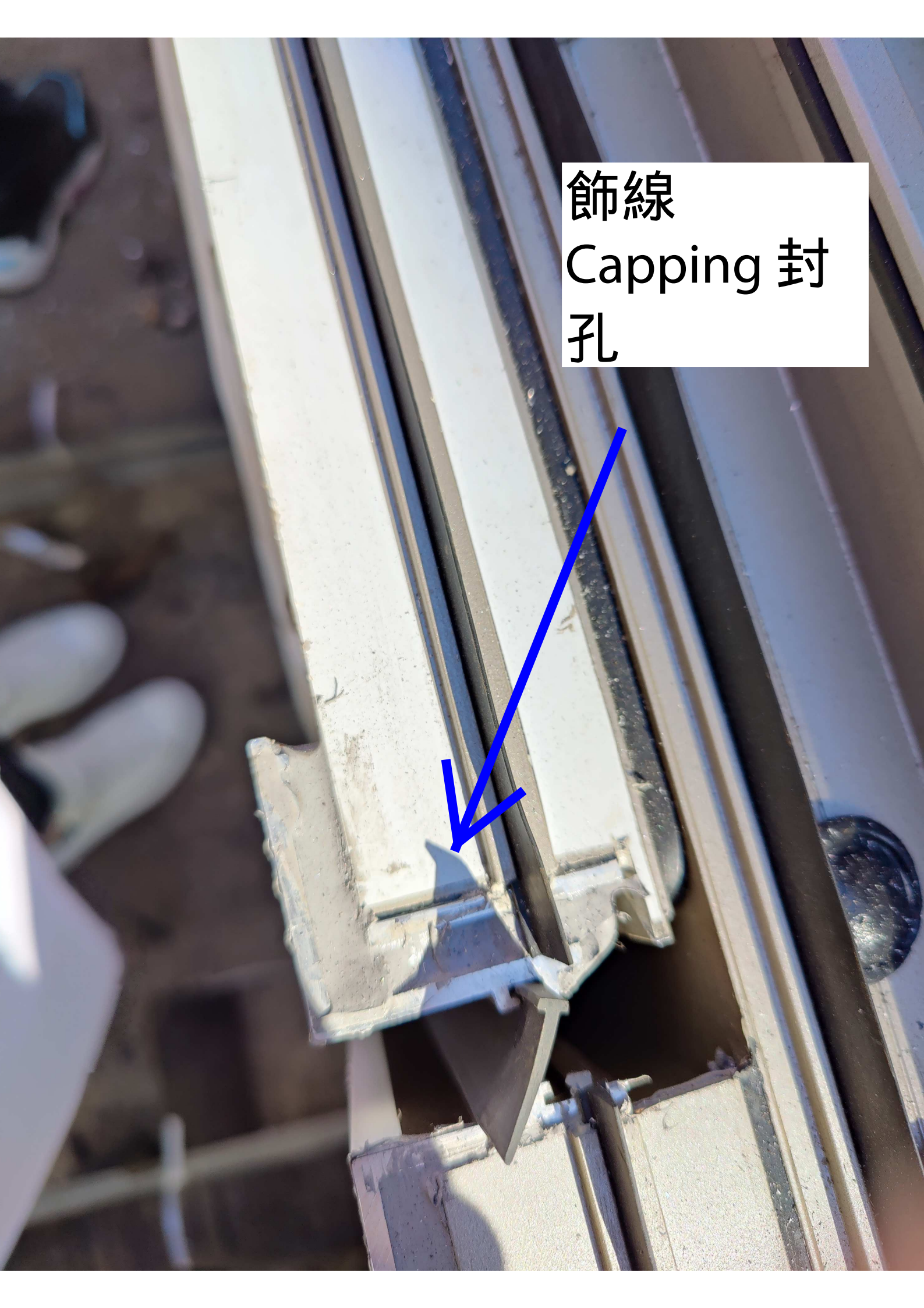
2022.10.26 performance test Installation Inspection

Findings	Location	action/ replied
1. 水槽料 Gutter test 膠紙未封密太多 膠會封去水位	水槽料去水孔	用防水膠紙，減少使用膠。不封到孔。提醒地盆師父和使用物料和 Workmanship
2. 企料企身膠條不夠高，底不夠長	企料頂部	附圖已標注膠條長度 提醒工廠工人 Workmanship
3. 膠漬碰到膠條	水槽料	提醒師父 Workmanship
4. 單元件中橫位置有方孔	單元件企料外側身	提醒工廠工人 Workmanship，需封此孔
5. 公母企碰接啣膠不夠深	公母企的頂部 水槽料	提醒師父 Workmanship
6. 水槽料套心 啣膠太多碰到膠條	水槽料套心位	提醒師父 Workmanship
7. 飾線 Capping 封孔	企料底部	提醒工廠工人 Workmanship，需封此孔
8. 水槽料 L 型用防水片 (防水皮/防水片 Clarify?)	公母企的頂部 水槽料接駁	使用防水片
9. 底橫坐水槽料的墊膠 (200mm L 長度) 如在邊企會過長。	底橫坐水槽料 單元件上下連接	底橫坐水槽料的墊膠 邊企可介短至 100mm 長。
10. 單元件掛勾的 movement 不足 (生死鎖)	單元件掛勾卡在 鋁碼叉腳的空間	已提供建議，單元件掛勾刀口增寬。削掉固定"魚骨" 有待顧問確認 已確認
11. 單元件鋁碼方腳避位 / 圓腳避位	單元件鋁碼	現回覆方腳避位是正確，Shop Dwg 圖紙稍後改正



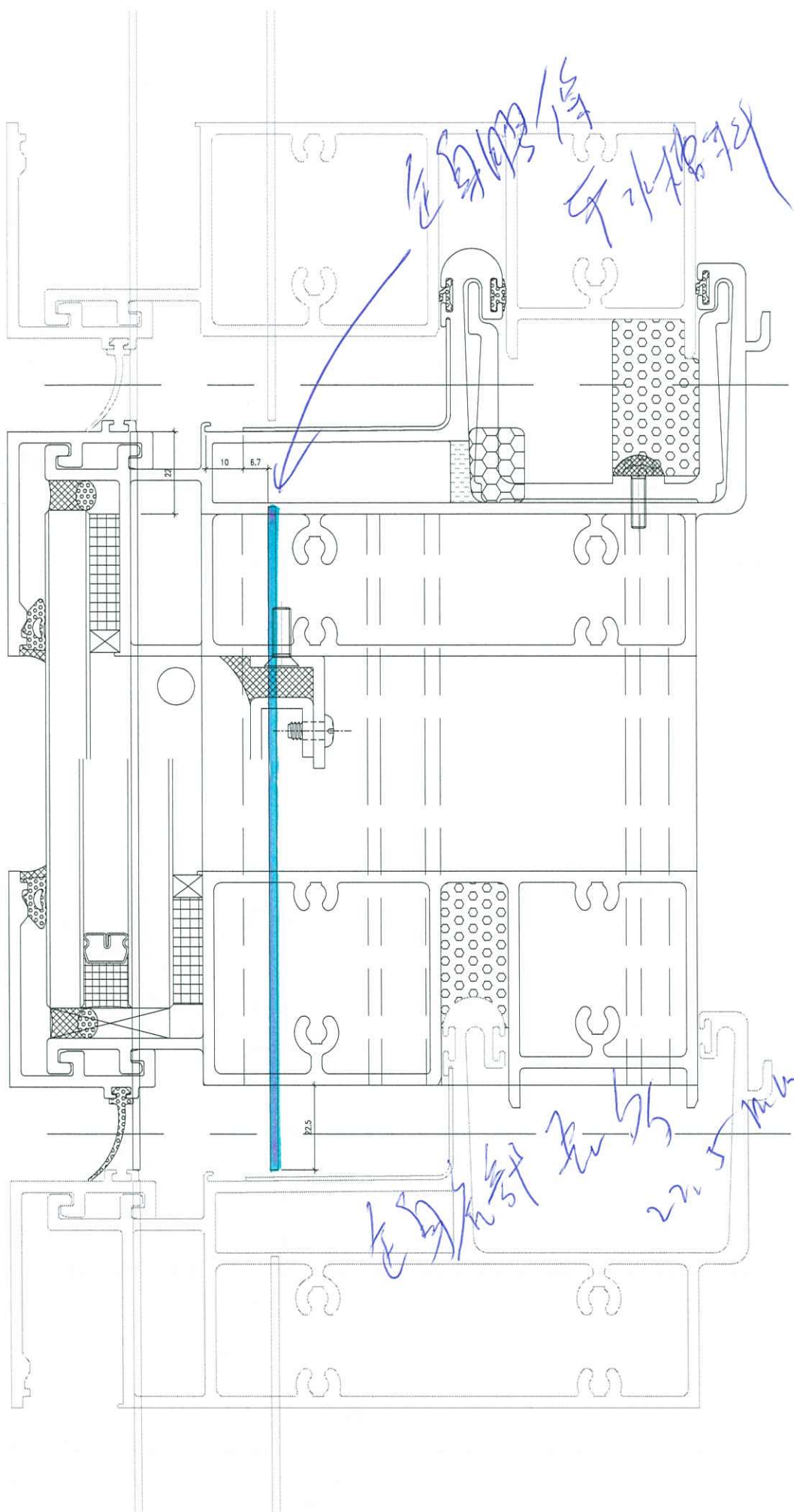
企料企身膠條不
夠高，底不夠長

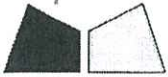
飾線
Capping 封
孔





單元件中
橫位置有
方孔





工程指示 / 要求簡箋(E.I.)

工程指示編號：EI / 5281 / 22

修改版次：-

工程編號：J - 858

工程名稱：將軍澳日出康城 11

工程項目：試水箱 單元掛勾碼 現場更換 (合共 28 隻)

收件人：生統

發件人：Ant Yeung

日期：31/10/2022

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 |

內容：

請按加工圖生產單元掛勾碼送試水場，試水場地址在 EI 4672 (合共 28 隻)

1. 顧問 comment 要有橫向移動，削去魚骨
拆圖按此改大貨。

謝謝！

請在 2022.11.02 前完成上列要求。

附：頁

原合約工程包

原合約工程加 / 減賬

新工程報價

分發東莞各部門：

- | | | | |
|--|--|--|--|
| <input type="checkbox"/> 生產技術總監 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 技術部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 生產部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 機械設計部 <input type="checkbox"/> 連附件 |
| <input type="checkbox"/> 採購部 <input type="checkbox"/> 連附件 | <input checked="" type="checkbox"/> 生產統籌部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 小羅 & 清 <input type="checkbox"/> 連附件 | |
| <input type="checkbox"/> 質檢部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 會計部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 報關組 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 其他 楊榮輝 <input type="checkbox"/> 連附件 |

分發香港各部門：

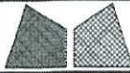
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| <input type="checkbox"/> 採購部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> QS 部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 維修部 <input type="checkbox"/> 連附件 | <input type="checkbox"/> 其他 _____ <input type="checkbox"/> 連附件 |

傳遞編號：

HK 1897/22

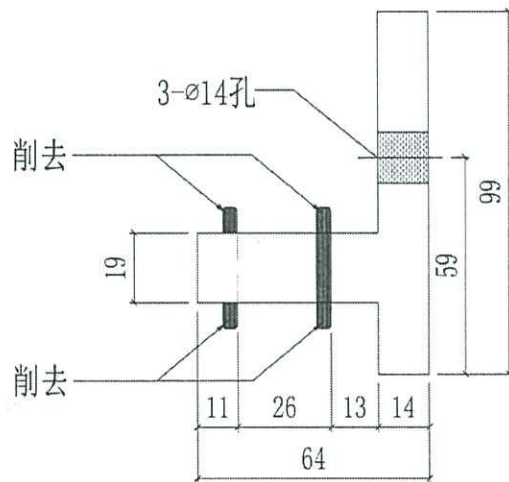
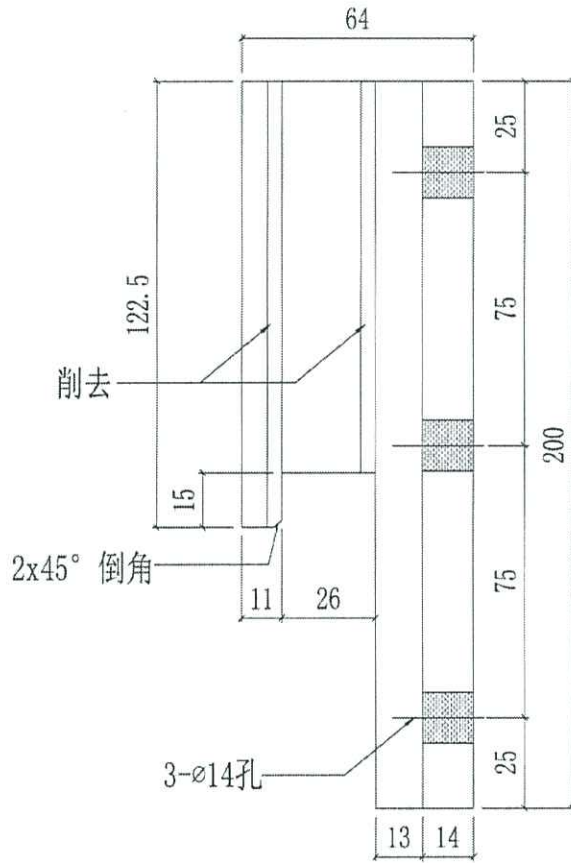
發件人簽署：

項目經理簽署：

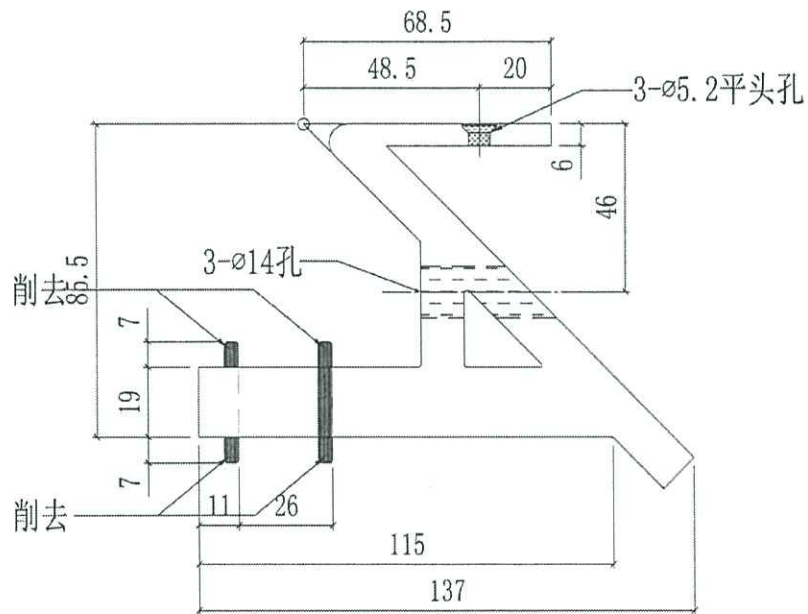
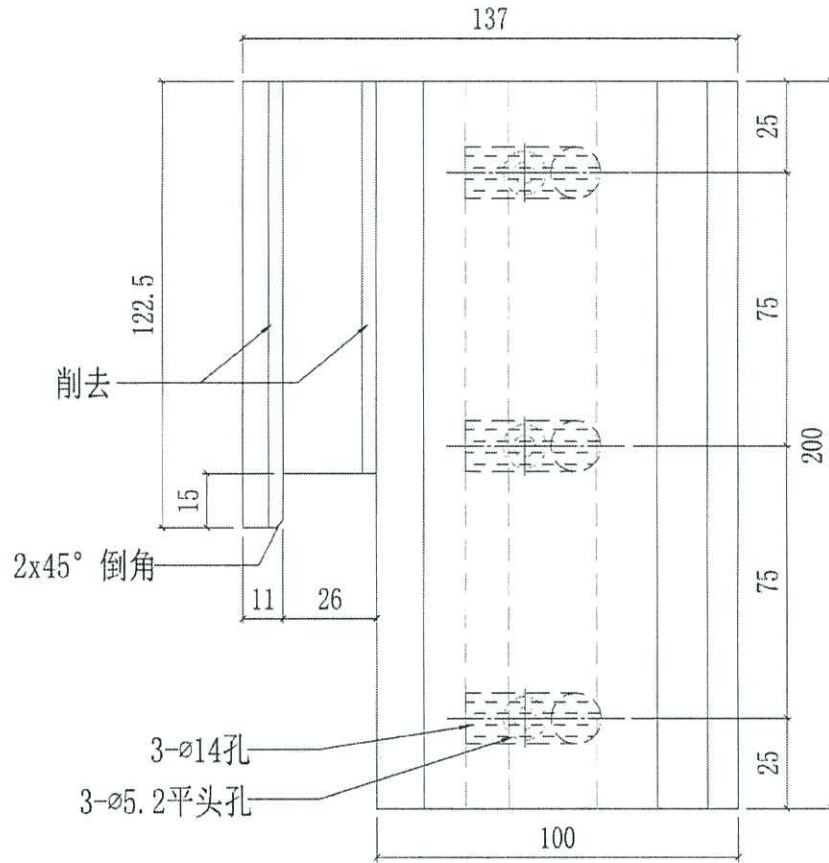


美特鋁質有限公司
MIDI Aluminium Fabricator Ltd.

工程號	J858	類別		物料號	-				
地盘	康城11期	制圖	W. E. X	2022-05-30	圖號	X86255-P01R			
修改		採用工廠	地盘 -	图纸名称	铝固定码加工图	復核	-	數量	24
日期		材料颜色	CHROMATE	材料	X86284	批准	-	單件重量	- (KG)



 美特鋁質有限公司 MIDI Aluminium Fabricator Ltd.		工程號 J858 地盤 康城11期 圖紙名稱 鋁固定碼加工圖 材料 X86256	類別 制圖 W. E. X 復核 - 批准 -	物料號 - 2022-05-30 - -	圖號 X86256-P01R 數量 4 單件重量 - (KG)
修改	採用工廠 <input checked="" type="checkbox"/> 地盤 -	日期	材料顏色 CHROMATE		





PROPOSED RESIDENTIAL
DEVELOPMENT AT TKOTL 70RP,
PHASE 11. LOHAS PARK, TSEUNG
KWAN O. N.T.

PMU Inspection Report 01

Inspection Date: 26th October, 2022

Issue Date: 28th October 2022



Report Reference: 60646872-PMU-01

Site Inspection Report for

PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11. LOHAS PARK, TSEUNG KWAN O. N.T.

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1 INTRODUCTION

1.1 Objectives of this Report

AECOM Façade (Part of AECOM Asia Company Limited) were engaged by Sino Land Company Limited to provide consultancy services for the external façade of the Proposed Residential Development at TKOTL 70PR, Phase 11 Lohas Park, Tseung Kwan O, N.T. AECOM are required to carry out site inspections to record the work status and any defects identified. This report will cover those findings and make recommendations for any remedial work required.

1.2 General Information

Laboratory Name:	Hong Kong Curtain Wall Testing Centre
Laboratory Location:	DD77, Lot 328, Ping Yuen Road, Ping Che, Fanling, New Territories, Hong Kong
Client:	Sino Land Company Limited and MTRC
Architect:	Ronald Lu & Partners (Hong Kong) Limited
Façade Consultant:	AECOM Façade (ACF)
Main Contractor:	Gammon Engineering & Construction Company Limited (Gammon)
Façade Contractor:	MIDI Aluminium Fabricator Ltd (MIDI)
Inspection Date:	26 th October 2022
Attending Parties:	Mr. Terry Wan (Sino) Mr. McKay Zhang (ACF) Ms. Crystal Wong (ACF) Mr. Woody (Gammon) Mr. Ka Hei (Gammon) Mr. Jason Leung (MIDI)
Report By:	Mr. McKay Zhang (AECOM) Ms. Crystal Wong (AECOM)


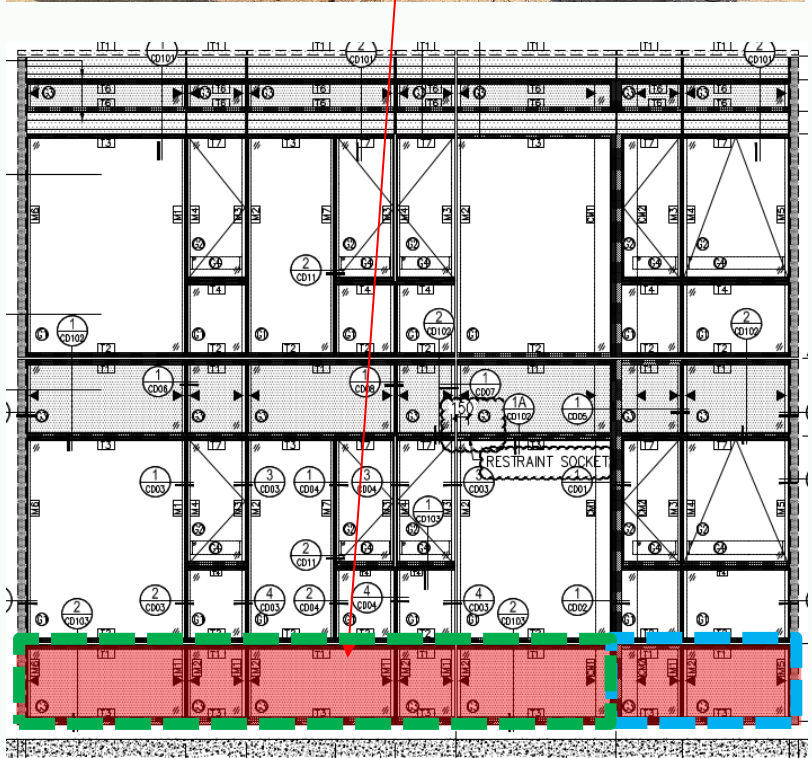
2 OBSERVATIONS

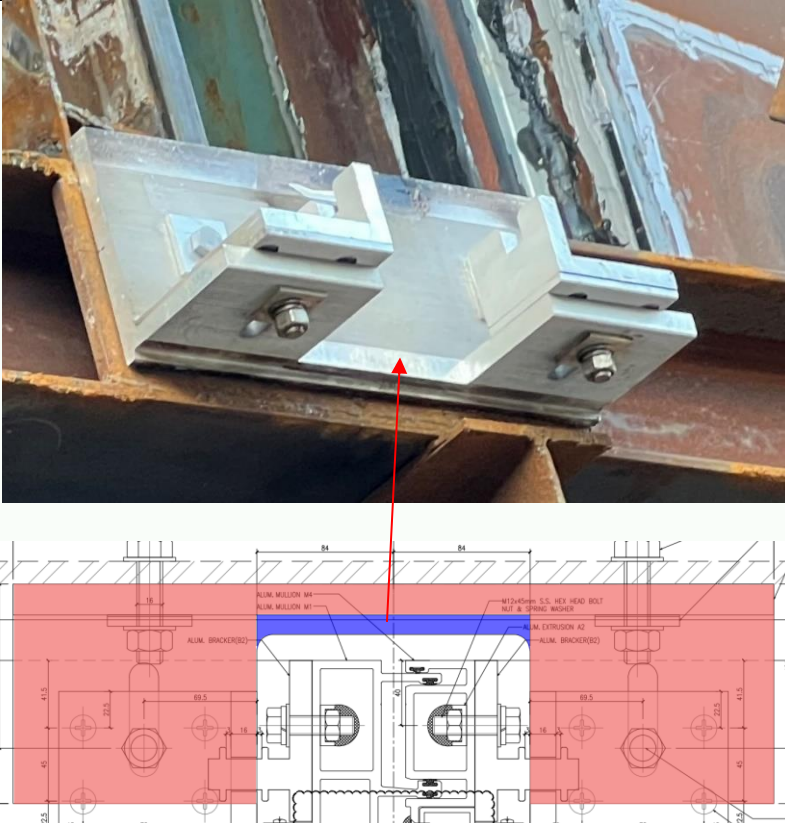
2.1 Status

- The starter of curtain wall unitized panels was installed on laboratory site.
- The gutter water test was processed, and water leakage was observed.

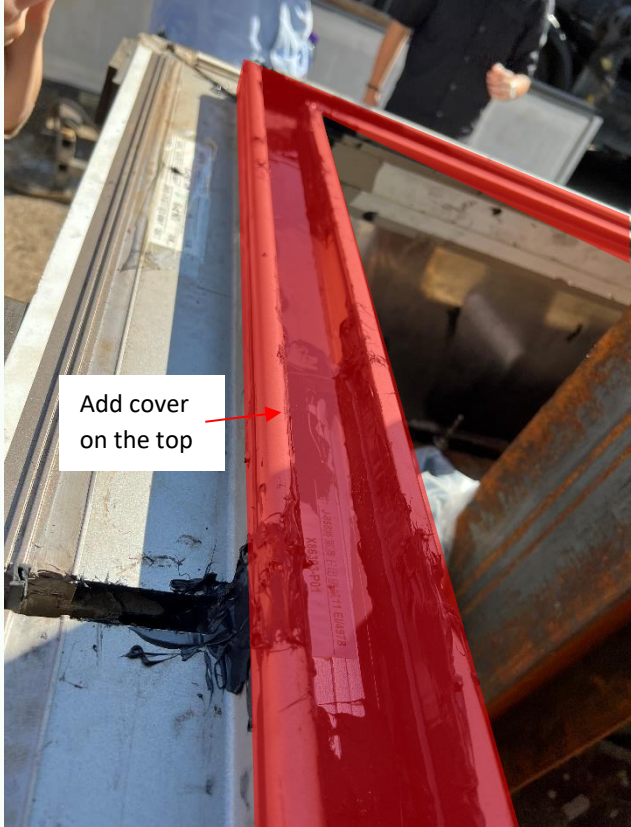
2.2 Photographic Record

The following pages include a photographic record with brief descriptions of observations.

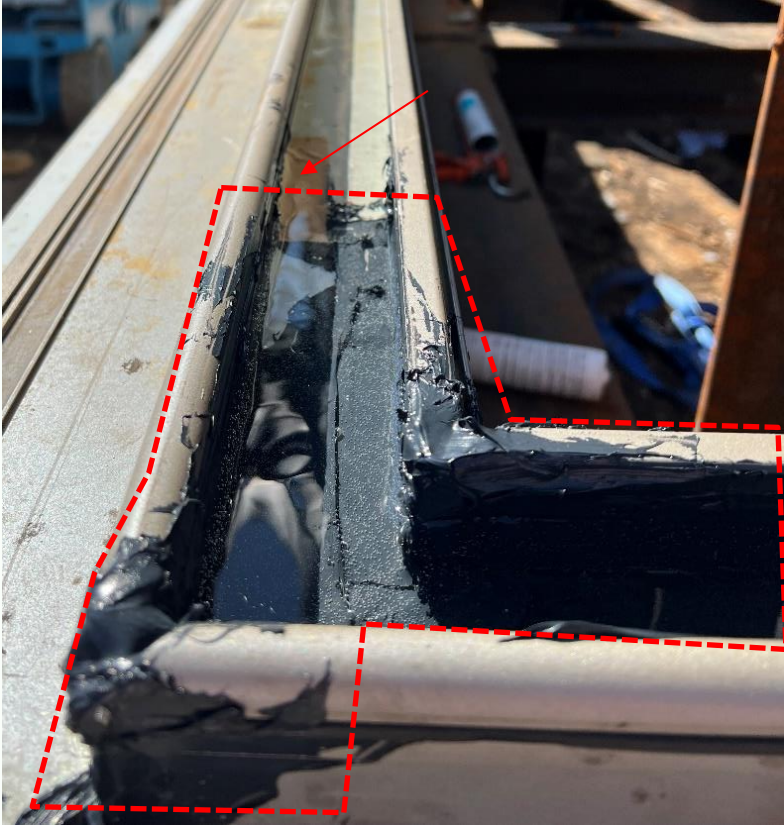
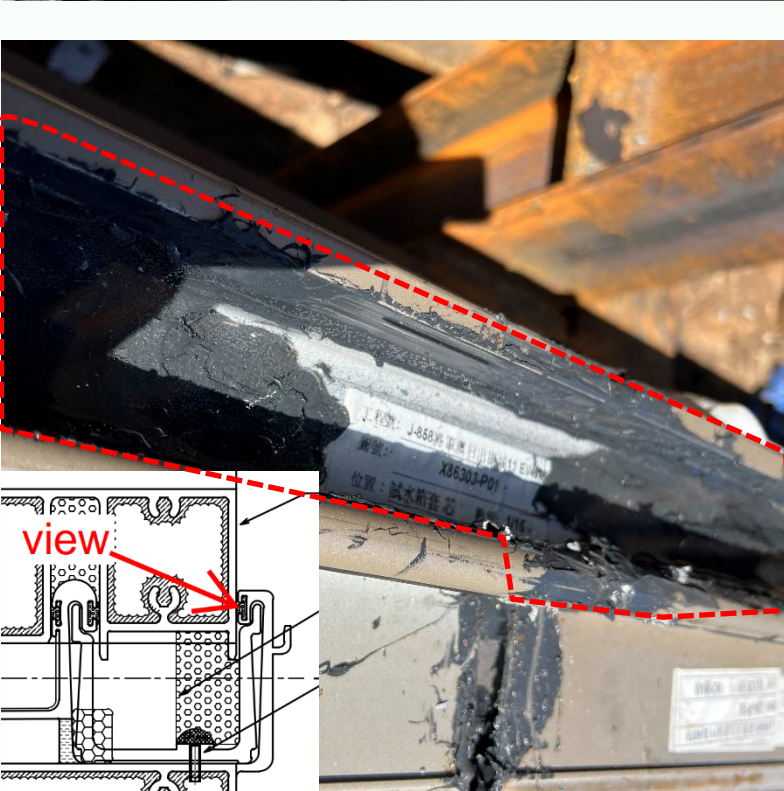
<p>Photo 1</p>	
<p><u>Item:</u> Overview</p>	
<p><u>Description:</u> The extent of the installed curtain wall on lab site.</p>	
<p><u>Action:</u> Nil.</p>	

<p>Photo 2</p>	
<p><u>Item:</u> Bracket Observation</p>	
<p><u>Description:</u> The installed bracket shape was observed not comply with approved drawing. The blue highlighted part was removed on red highlighted aluminum brackets.</p>	
<p><u>Action:</u> MIDI is required to clarify the discrepancy and carry out QA/QC to guarantee the brackets comply with approved drawings.</p>	

Reply: Midi with revise shop drawing and calculation.

<p>Photo 3</p>	
<p><u>Item:</u> Water Gutter Test</p>	
<p><u>Description:</u> The Water gutter test was carried out for the whole gutter with all the water hole sealed with duration for over 2 hours.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> • MIDI is reminded to provide cover /protection on top of the testing gutter, in case of the water evaporation or other unpredictable diminution/augmentation. • MIDI is reminded to provide a control setup beside as water level reference for testing gutter. 	

Reply: Midi will follow.

<p>Photo 4</p>	
<p><u>Item:</u> Water Gutter Test</p>	
<p><u>Description:</u> Upper photo: The water weep hole was sealed with tape and sealant for water gutter test. Lower photo : The gutter sleeve was sealed with excessive sealant and beyond the scope of gutter.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to carry out their internal QC/QC method to improve workmanship and avoid excessive sealant to be applied on unnecessary aluminium surface/gasket, which will affect the water tightness and air tightness performance at the gutter zone between transom head and transom sill at stack joint. 	

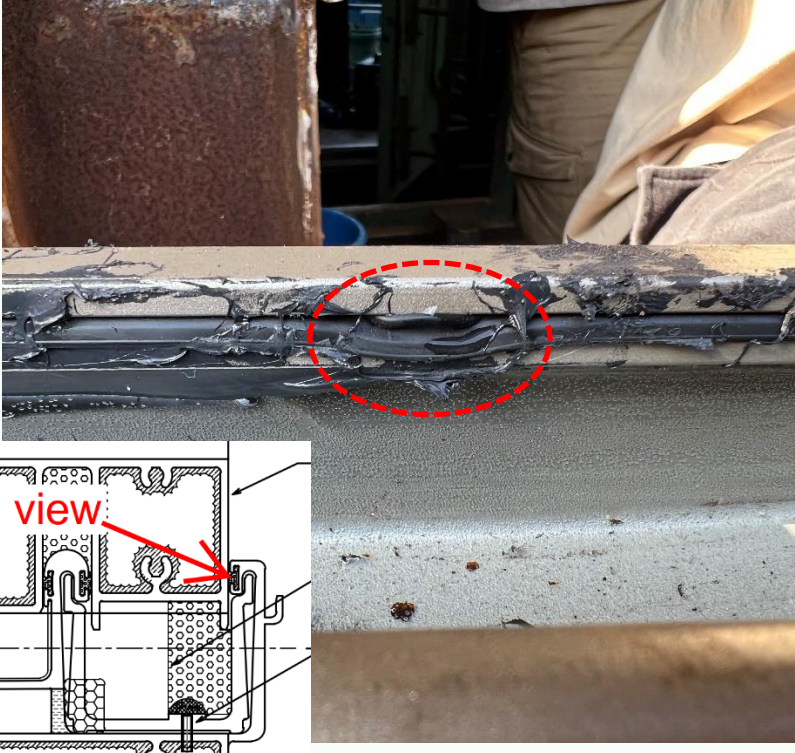
Reply: Midi's Director Daniel Woo will provide training for worker to improve workmanship.

<p>Photo 5</p>	
<p><u>Item:</u> Water Gutter Test</p>	
<p><u>Description:</u> The allowable scope of sealant application on gutter sleeve is proposed as red line extent. And the gasket was observed to be applied with excessive sealant (blue dot), which will lead to uneven surface and affect its water tightness and air tightness performance (green line for water leakage).</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to carry out their internal QC/QC method to improve workmanship and avoid the sealant being applied to gasket. 	

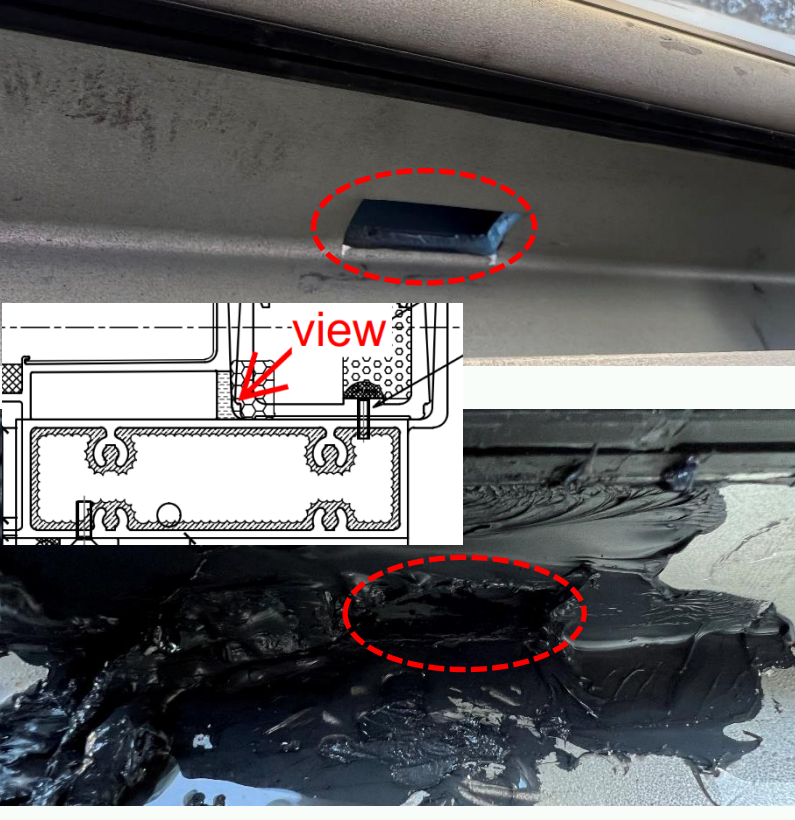
Reply: Midi's Director Daniel Woo will provide training for worker to improve workmanship.

<p>Photo 6</p>	
<p><u>Item:</u> Water Gutter Test</p>	
<p><u>Description:</u> Water leakage was observed during the water gutter test inspection.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to carry out their internal QC/QC method to revise/repair the defect and improve their workmanship 	


Reply: Midi will use watertight adhesive.

<p>Photo 7</p>	
<p><u>Item:</u> Gasket Observation</p>	
<p><u>Description:</u> The gasket was observation deformed and adhered with sealant.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to revise/ repair the defect and provide method statement to improve internal QA/QC to prevent same issue from happening. 	

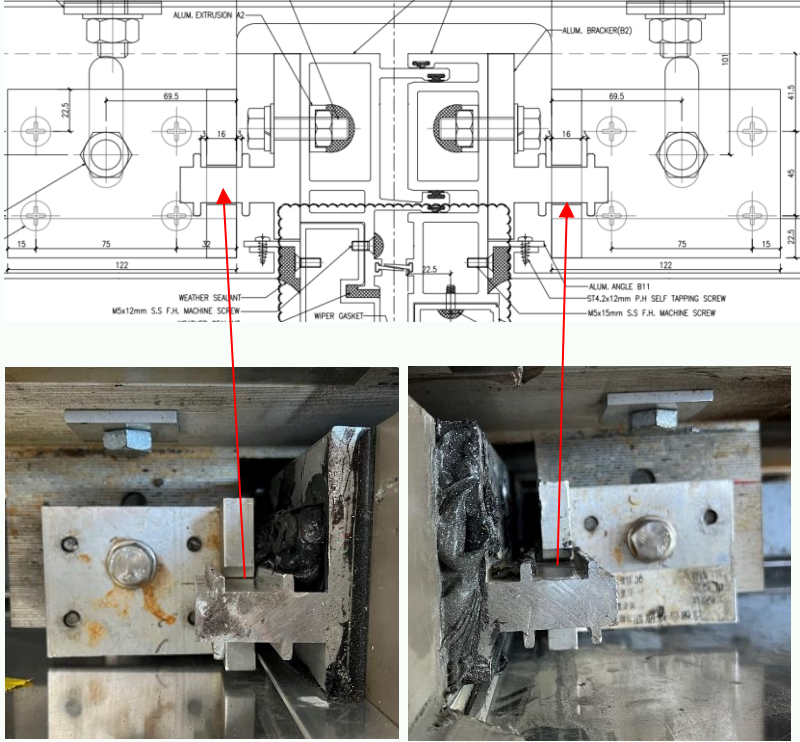
Reply: Midi will replace gasket.

<p>Photo 8</p>	
<p><u>Item:</u> Weephole Observation</p>	
<p><u>Description:</u> Upper one for weephole on stored panels. Lower one for weephole after water gutter test with excessive sealant remain which may obstruct weephole.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to provide method statement on improving internal QA/QC to prevent transom weephole obstruction from happening. 	

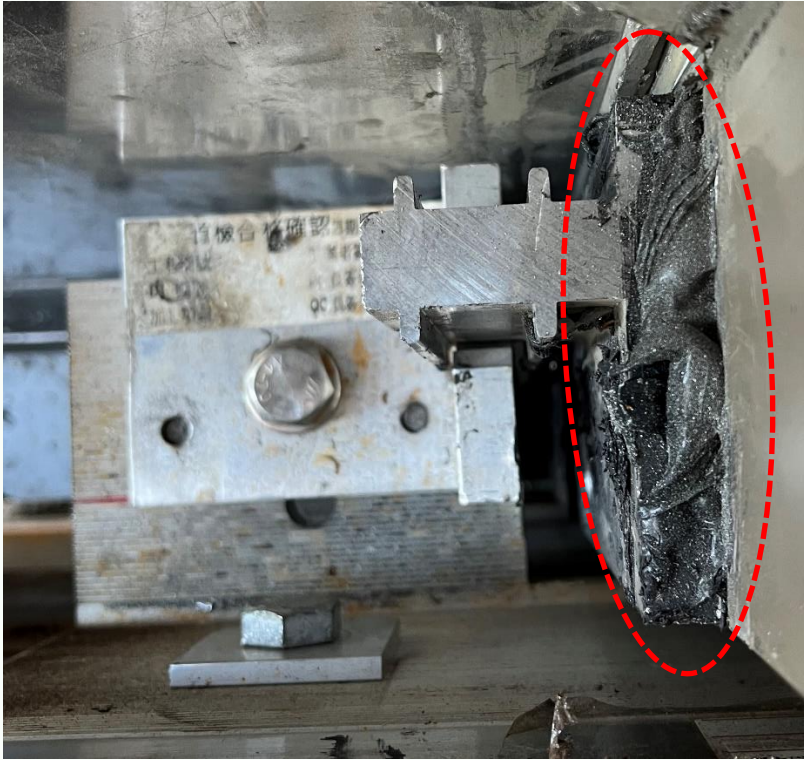
Reply: Reply: Midi will use watertight adhesive.

<p>Photo 9</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> The gasket on mullion bolt hole was observed damaged.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to carry out their internal QC/QC method to revise/repair the defect and improve their workmanship 	

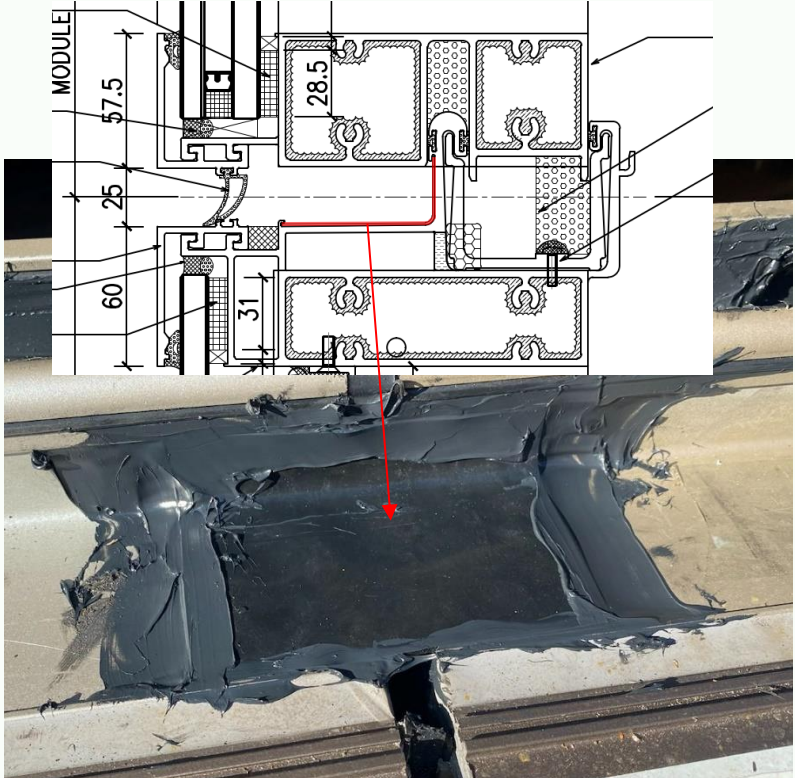
Reply: Midi will follow and provide training for worker to improve workmanship.

<p>Photo 10</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> We do not find any restraint on the hanger bracket which had commented on drawing review.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to clarify the proposal for panel horizontal restraint design. 	

Reply: The hanger bracket (one side) will be replaced for Movement.

<p>Photo 11</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> The sealant on bracket was observed untidy and uneven.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to carry out their internal QC/QC method to improve their workmanship on sealant application work. 	


Reply: Midi will follow.

<p>Photo 12</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> The flashing at joint was observed to use membrane which is not comply with drawing for alum. flashing.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to revise the flashing material to comply with approved shop drawing detail. 	


Reply: Midi will use Alum flashing.

<p>Photo 13</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> An exposed hole was observed on the mullion at middle transom joint position.</p>	<p><u>Action:</u></p> <ul style="list-style-type: none"> • MIDI is required to repair the poor cutting edge and carry out their internal QC/QC method to improve their workmanship • This hole will lead to uncertain on waterproofing performance of curtain wall system. MIDI is required to provide the updated connection detail of transom and mullion to evaluate if proper weatherproofing detail is adopted.

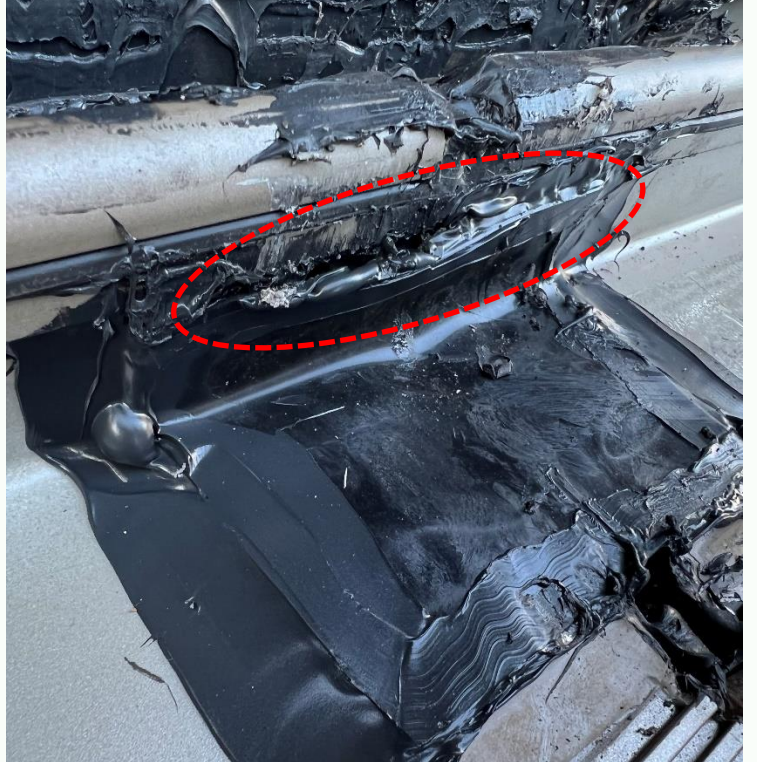
Reply: Midi will remind factory to improve workmanship.

<p>Photo 14</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> The internal chamber of mullion bottom was observed with excessive sealant remains.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> • MIDI to clarify the use for the sealant here. 	

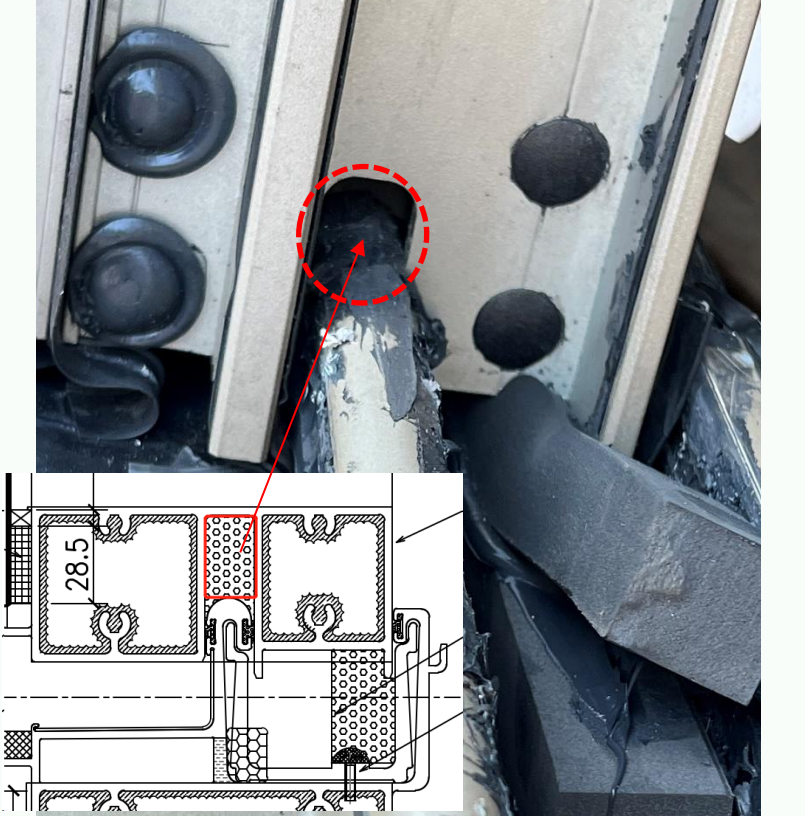
Reply: Midi excessive sealant remains due to factory flood test.

<p>Photo 15</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> End of gasket on panel mullion and transom.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> • MIDI is required to cut the gasket during the panel installation to avoid defect on water tightness performance. 	


Reply: Attachment for gasket. Midi will remind the workmanship.

<p>Photo 16</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> After the panel remove, the front membrane was observed with damage.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to clarify the discrepancy and carry out QA/QC to guarantee the component comply with approved drawings. 	


Reply: Midi will remind the workmanship and use L shape Plate.

<p>Photo 17</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> After installation, sponge silicone rubber was observed missed at the joint position.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to revise/ repair the defect and provide method statement to improve internal QA/QC and prevent this issue from happening. 	


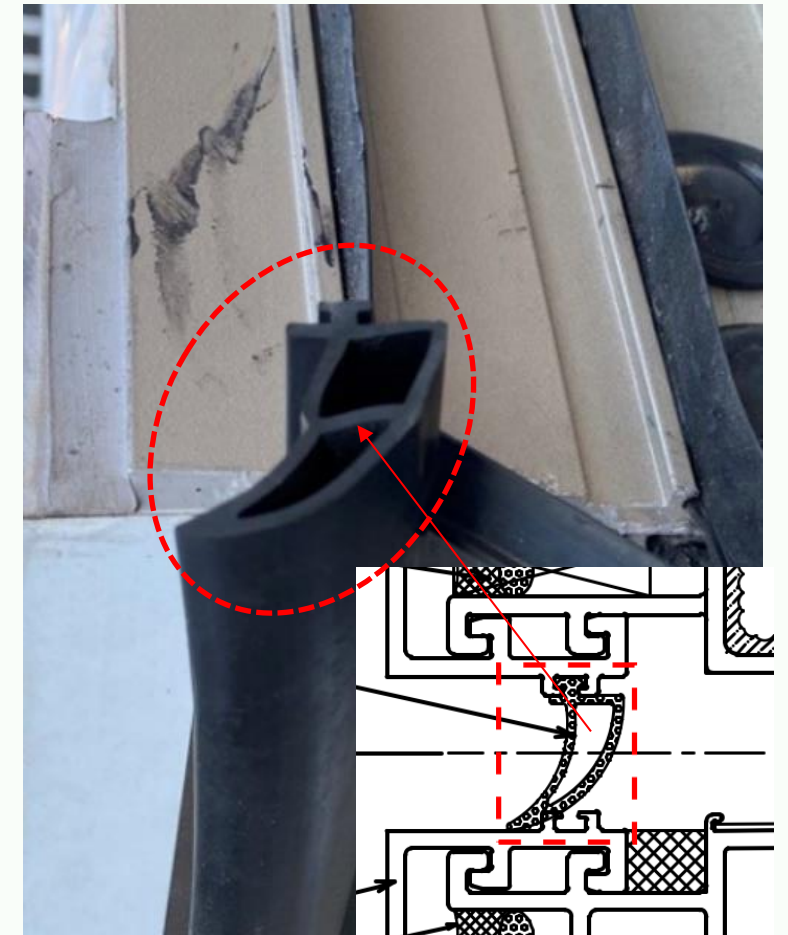
Reply: Midi will remind the workmanship.


<p>Photo 18</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> The gaskets of installed panel were observed knotted and warped at the end without any treatment.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> • MIDI is required to carry out their internal QC/QC method to revise/repair the defect and improve construction workmanship 	

Reply: Midi will follow and remind the workmanship.

<p>Photo 19</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> The gaskets of installed panel were observed knotted and warped at the end without any treatment.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> • MIDI is required to carry out their internal QC/QC method to revise/repair the defect and improve construction workmanship 	

Reply: Midi will follow and remind the workmanship.


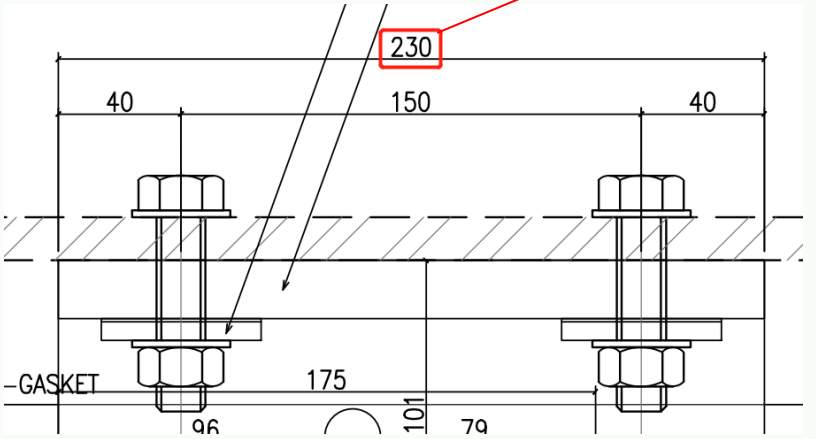
<p>Photo 20</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> The horizontal gaskets were observed too long without any treatment. And the gasket size does not fit the joint gap.</p> <p>The horizontal gaskets type was observed not comply with approved drawing detail.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> MIDI is required to carry out their internal QC/QC method to revise/replace the gasket component to comply with approved proposal. 	
<div style="border: 1px solid red; padding: 5px; width: fit-content;"> <p>Reply: Midi will revise shop drawing.</p> </div>	

<p>Photo 21</p>	
<p><u>Item:</u> Observation</p>	
<p><u>Description:</u> After the panel remove, excessive sealant was observed at the end stack joint position.</p>	
<p><u>Action:</u></p> <ul style="list-style-type: none"> • MIDI is required to carry out their internal QC/QC method to improve workmanship and avoid excessive sealant to be applied on unnecessary aluminium surface/gasket, which will affect the water tightness and air tightness performance at the gutter zone between transom head and transom sill at stack joint. 	

Reply: Midi will follow and provide workshop training and gasket will use 100 mm length.

<p>Photo 22</p>	
<p><u>Item:</u> Bracket Dimension Check</p>	
<p><u>Description:</u> The length of corner bracket was measured for around 413mm which comply with shop drawing design.</p>	
<p><u>Action:</u> Nil.</p> <p style="border: 1px solid red; padding: 2px;">Reply: Note.</p>	

<p>Photo 23</p>	
<p><u>Item:</u> Bracket Dimension Check</p>	
<p><u>Description:</u> The height of corner bracket was measured for around 200mm which comply with shop drawing design.</p>	
<p><u>Action:</u> Nil.</p> <p style="border: 1px solid red; padding: 2px;">Reply: Note</p>	

<p>Photo 24</p>	
<p><u>Item:</u> Bracket Dimension Check</p>	
<p><u>Description:</u> The length of one bracket was measured for around 230mm which comply with shop drawing design.</p>	
<p><u>Action:</u> Nil.</p>	
<p>Reply: Note</p>	

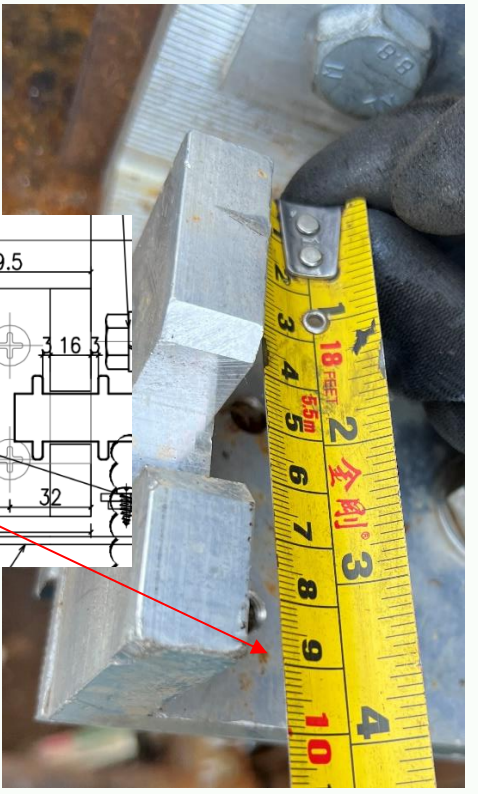
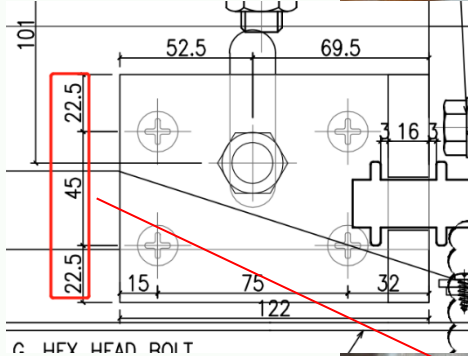

<p>Photo 25</p>	
<p><u>Item:</u> Bracket Dimension Check</p>	
<p><u>Description:</u> The height of support bracket was measured for around 90mm which comply with shop drawing design.</p>	
<p><u>Action:</u> Nil.</p>	
<p>Reply: Note</p>	

Photo 26	
<u>Item:</u> Observation	
<u>Description:</u> One of the unitized panel was processed with installation for PMU.	
<u>Action:</u> Nil. <div style="border: 1px solid red; padding: 2px;">Reply: Note</div>	

~ End of Inspection Photo ~

3 COMMENT, RECOMMENDATIONS AND REMINDER

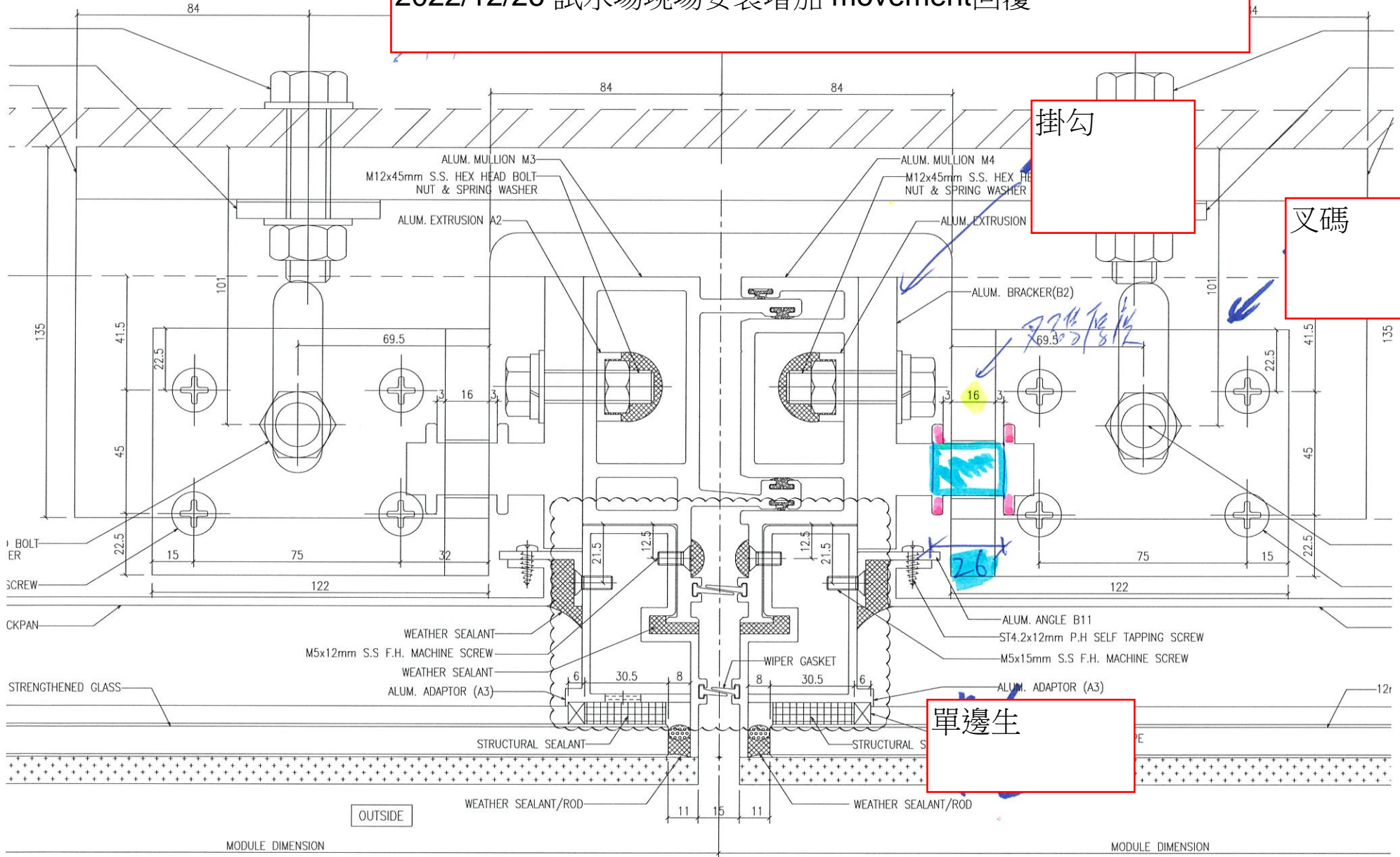
- MIDI is required to carry our QA/AC management to well reinforce the coordination and arrangement of construction work. We observed that there exists inefficiency communicate, misunderstanding and controversy between MIDI's manage team and construction team.
- MIDI is required to clarify the discrepancy on observed components and carry out their internal QC/QC method to revise/ replace the defect/ wrong components to comply with approved proposal.
- We have no adverse comment on water gutter test method, MIDI is reminded to provide cover /protection on top of the testing gutter, in case of the water evaporation or other unpredictable diminution/augmentation. And MIDI is reminded to provide a control setup beside as water level reference for testing gutter.
- MIDI is required to clarify the design proposal of horizontal restraint on hanger bracket of panel.
- MIDI is required to provide method statement on improving internal QA/QC to prevent weephole obstruction from happening.
- MIDI is required to carry out their internal QC/QC method to improve workmanship and avoid excessive sealant to be applied on unnecessary aluminum surface/ gasket, which will affect the water tightness and air tightness performance at the gutter zone between transom head and transom sill at stack joint.
- The hole on the mullion will lead to uncertain on waterproofing performance of curtain wall system. MIDI is required to provide the updated connection detail of transom and mullion to evaluate if proper weatherproofing detail is adopted
- MIDI is required to audit their sequence for unitized panel installation, and clearly clarify the treatment and positioning method for un-prefabricated components.

2022.10.26 performance test Installation Inspection

Findings	Location	action/ replied
1. 水槽料 Gutter test 膠紙未封密太多 膠會封去水位	水槽料去水孔	用防水膠紙，減少使用膠。不封到孔。提醒地盆師父和使用物料和 Workmanship
2. 企料企身膠條不夠高，底不夠長	企料頂部	附圖已標注膠條長度 提醒工廠工人 Workmanship
3. 膠漬碰到膠條	水槽料	提醒師父 Workmanship
4. 單元件中橫位置有方孔	單元件企料外側 身	提醒工廠工人 Workmanship，需封此孔
5. 公母企碰接唧膠不夠深	公母企的頂部 水槽料	提醒師父 Workmanship
6. 水槽料套心 唧膠太多碰到膠條	水槽料套心位	提醒師父 Workmanship
7. 飾線 Capping 封孔	企料底部	提醒工廠工人 Workmanship， 需封此孔
8. 水槽料 L 型用防水片 (防水皮/防水片 Clarify?)	公母企的頂部 水槽料接駁	使用防水片
9. 底橫坐水槽料的墊膠 (200mm L 長度) 如在邊企會過長。	底橫坐水槽料 單元件上下連接	底橫坐水槽料的墊膠 邊企可介短至 100mm 長。
10. 單元件掛勾的 movement 不足 (生死鏈)	單元件掛勾卡在 鋁碼叉腳的空間	已提供建議，單元件掛勾刀口增寬。削掉固定"魚骨" 有待顧問確認
11. 單元件鋁碼方腳避位 /圓腳避位	單元件鋁碼	現回覆方腳避位是正確，Shop Dwg 圖紙稍後改正

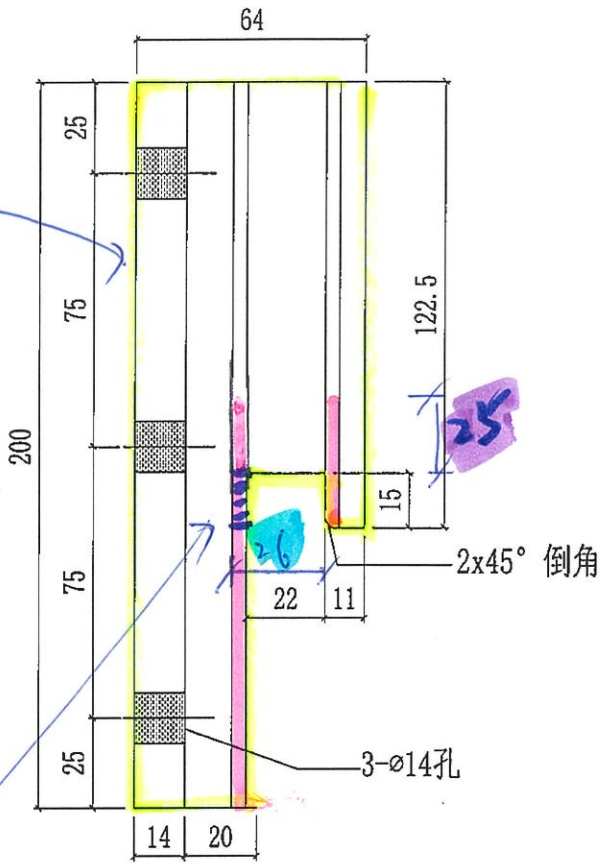
2022.12.26

2022/12/26 試水場現場安裝增加 movement 回覆。

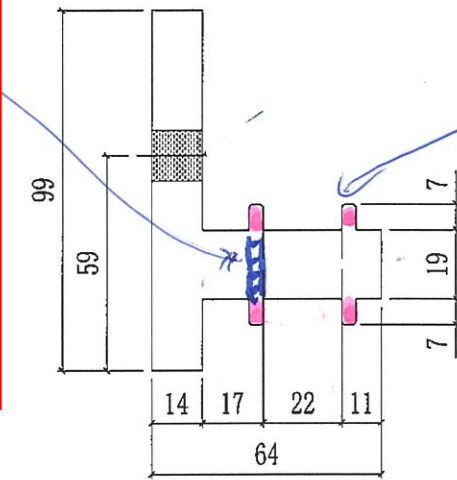


1 HORIZONTAL DETAIL
CD08 CURTAIN WALL

單元件掛勾



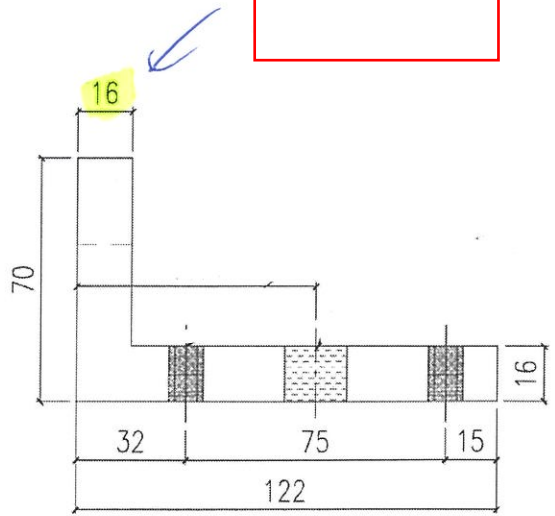
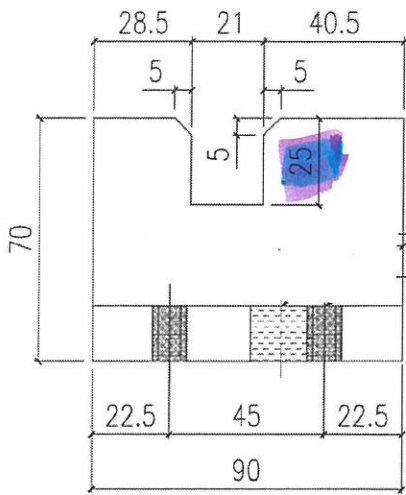
#2 Hatch單元件
掛勾加開
至26mm寬



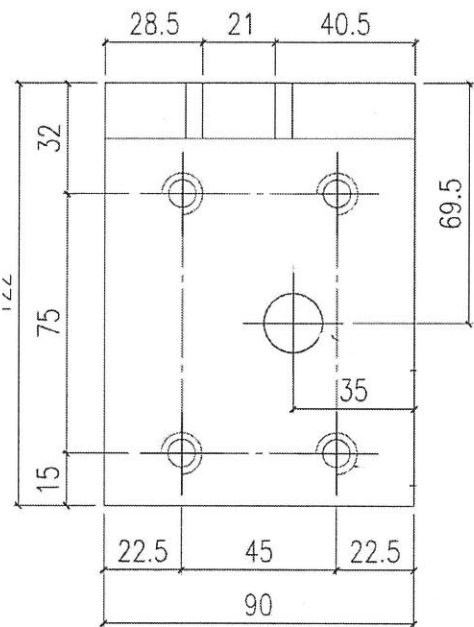
#1 魚骨前去
單元件叉碼的
高度

單元件掛勾

叉碼厚度

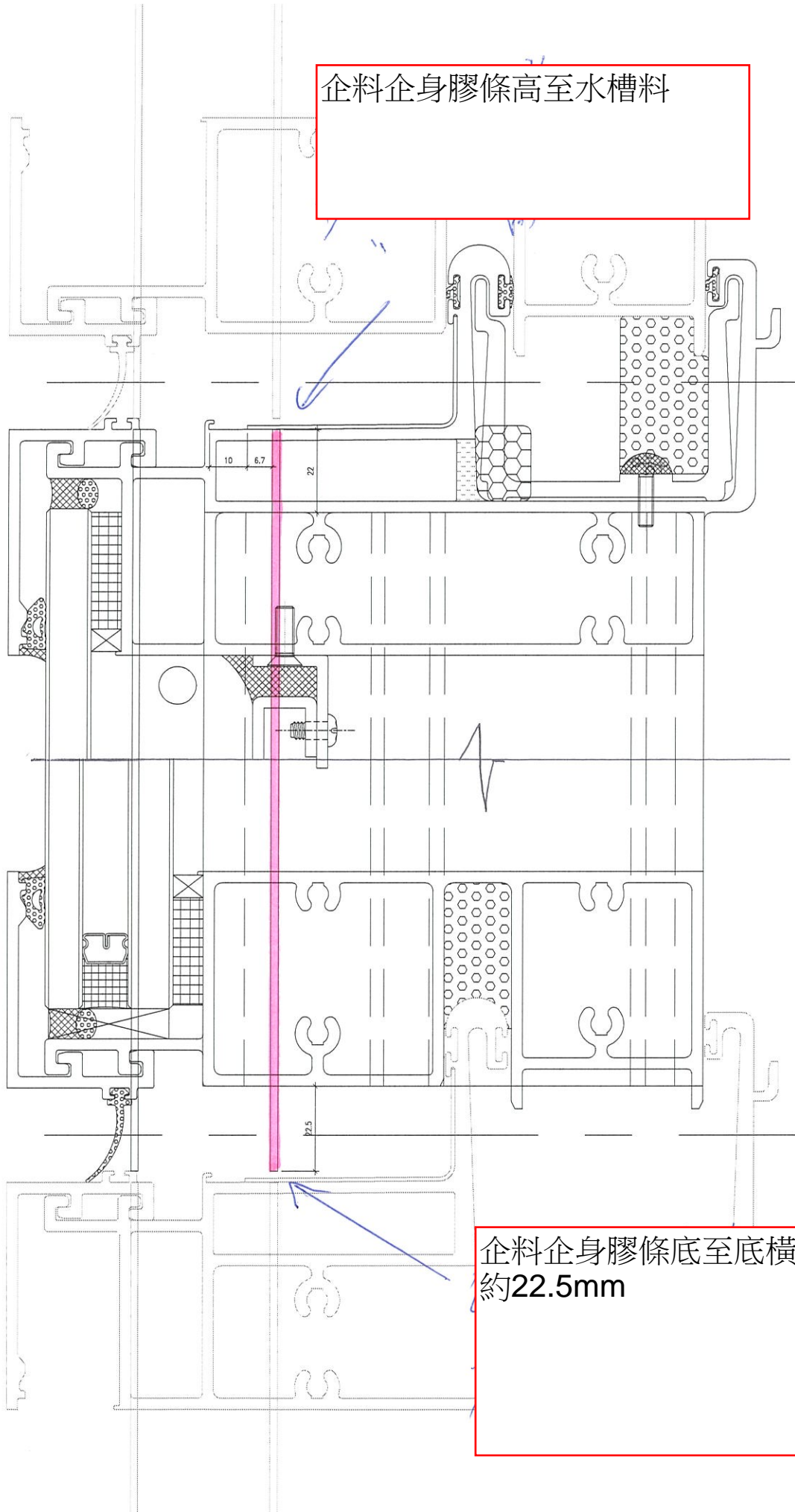


地盤用叉碼



叉碼

企料企身膠條高至水槽料



企料企身膠條底至底橫
約22.5mm

