

美特鋁質有限公司

MIDI ALUMINIUM FABRICATOR LTD.



工程指示 / 要求簡箋 ENGINEER INSTRUCTIONS(E.I.)

工程指示編號:	EI- 6121 / 23	修改版本:	-
	HK- 0938 / 23		
工程編號:	J 857	工程名稱:	啟德6552
收件人:	生統	發件人:	nero
工程項目:	幕牆單元件(PMU3) - 施工圖	日期:	04/05/2023

<input type="checkbox"/> 原合約工程包	<input type="checkbox"/> 原合約工程加 / 減賬 QT-	<input type="checkbox"/> 新工程報價 QT-
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信件批核號碼/圖紙參考編號:	批核模具圖紙編號:
客戶指示附件:	管理內部批簽署:

<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:
附上PMU3施工圖供廠參考用

完成上列要求日期: 04/05/2023

國內

<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"/> 採購部	<input type="checkbox"/> 連附件	<input checked="" type="checkbox"/> 生產統籌部	<input checked="" type="checkbox"/> 連附件	<input type="checkbox"/> 報關組	<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"/> 機械設計部	<input type="checkbox"/> 連附件
<input type="checkbox"/> 香港辦	<input type="checkbox"/> 連附件	<input type="checkbox"/> 其他:			

香港

<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	<input type="checkbox"/> 連附件
<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"/> 地盤管理	<input type="checkbox"/> 連附件	<input type="checkbox"/> 維修部	<input type="checkbox"/> 連附件

*發件人簽署:	*組別成員批核簽署:
傳遞編號: 6121 / 23	項目經理簽署:

PROJECT NAME :

PROPOSED RESIDENTIAL
DEVELOPMENT AT NEW KOWLOON
INLAND LOT.NO.6552

1

(TOWER)

SHOP DRAWING FOR CURTAIN WALL
PERFORMANCE TEST(CHAMBER 3)

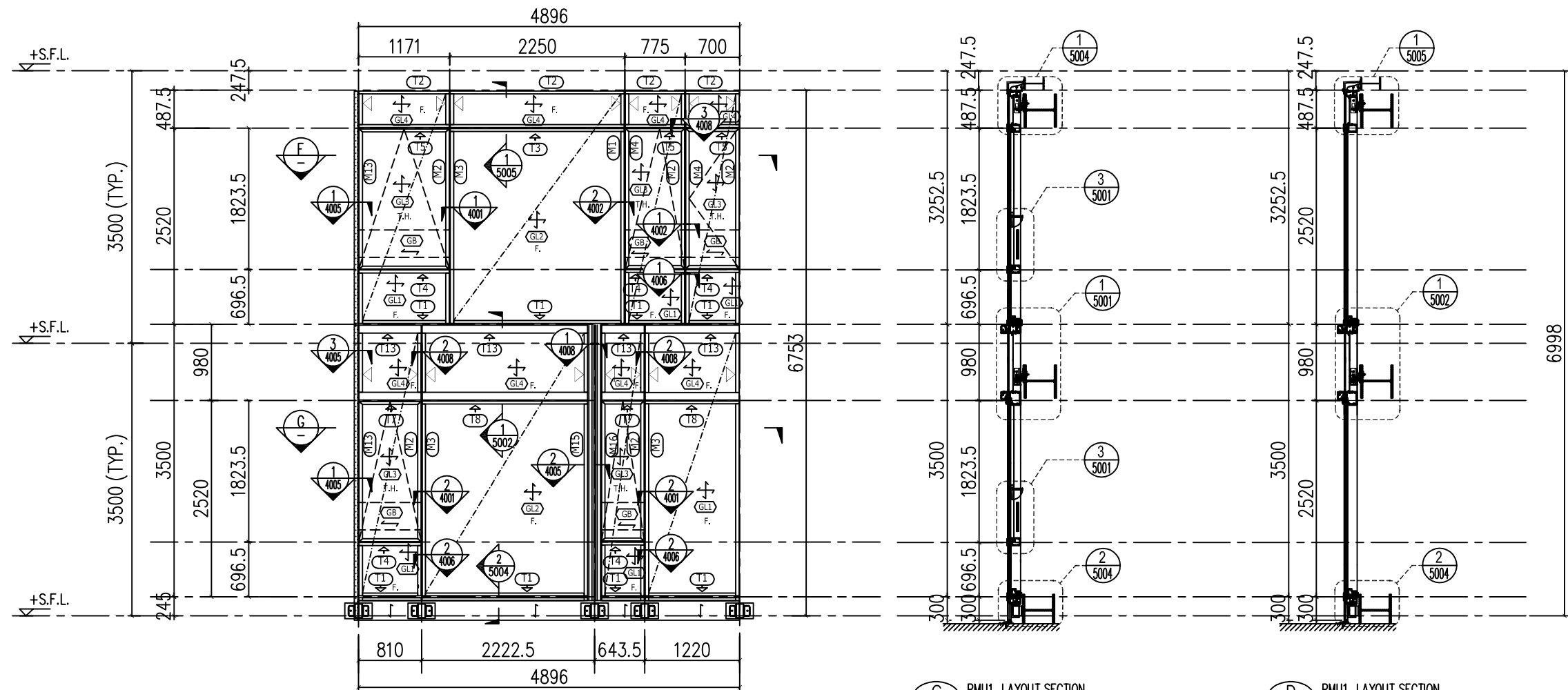
24.APR.2023

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

Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

DWG. NO. :	J857-PT3-000	REV. :	-
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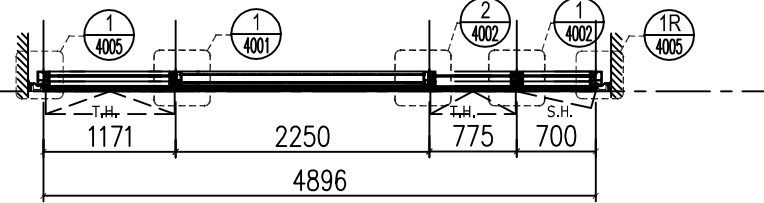
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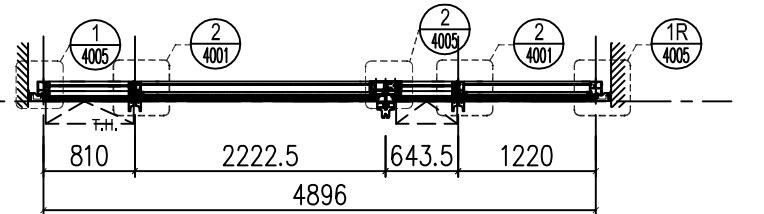
(A) PMU1 ELEVATION
1:50

(C) PMU1 LAYOUT SECTION
1:40

(D) PMU1 LAYOUT SECTION
1:40



(B) PMU1 LAYOUT PLAN
1:50



(B) PMU1 LAYOUT PLAN
1:50

LEGEND :

- S.F.L. = STRUCTURAL FLOOR LEVEL
- C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
- ◊EM1 = WIND LOAD + DEAD LOAD FIXING LOCATION
- ◊EM2 = WIND LOAD + DEAD LOAD FIXING LOCATION
- ◊EM3 = WIND LOAD FIXING LOCATION
- GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
- GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
- GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
- GL4 = 8mm FULLY TEMPERED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS
- GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)
- S.J. = STACK JOINT
- M1 = EXTRUDED ALUM. MALE MULLION (AL03)
- M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
- M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
- M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
- M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
- M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
- M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL08)
- M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
- M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
- M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
- M15 = EXTRUDED ALUM. MALE MULLION (AL67)
- M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)
- T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
- T2 = EXTRUDED ALUM. GUTTER STACK JOINT (AL12)
- T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
- T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
- T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
- T7 = EXTRUDED ALUM. TRANSOM (AL71)
- T8 = EXTRUDED ALUM. TRANSOM (AL72)
- T9 = EXTRUDED ALUM. TRANSOM (AL69)
- T10 = EXTRUDED ALUM. TRANSOM (AL70)
- T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL106)
- T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL107)
- T13 = EXTRUDED ALUM. GUTTER STACK JOINT (AL105)

B.D. REF :
F.S.D. REF :
Note :
1. All dimensions are in mm.
2. All elevations are viewed from outside.
3. All dimensions to be verified on site before fabrication.

GENERAL NOTES

Legend :
1. F.F.L. --- Finished Floor Level
2. S.F.L. --- Structural Floor Level
3. (R) --- Reversed Detail

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

REV.	DATE	DESCRIPTION	BY

CLIENT :
MARBLE EDGE INVESTMENT LTD.

ARCHITECT :
RONALD LU & PARTNERS
ARCHITECTS | PLANNERS | INTERIOR DESIGNERS

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
1111 1803 2020 1408
cmw@cmw.com.hk

MAIN CONTRACTOR :
裕民建築有限公司

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

PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

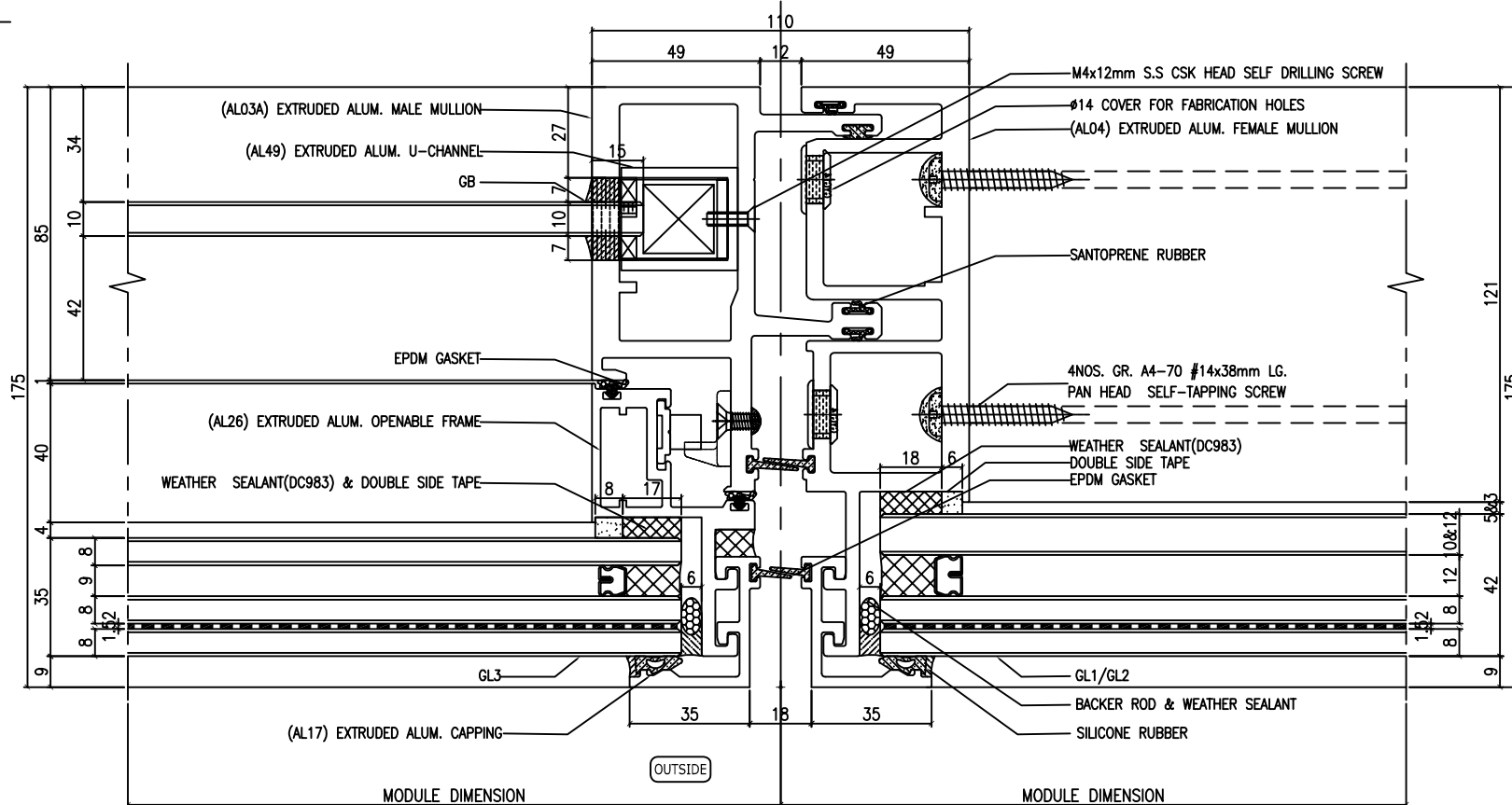
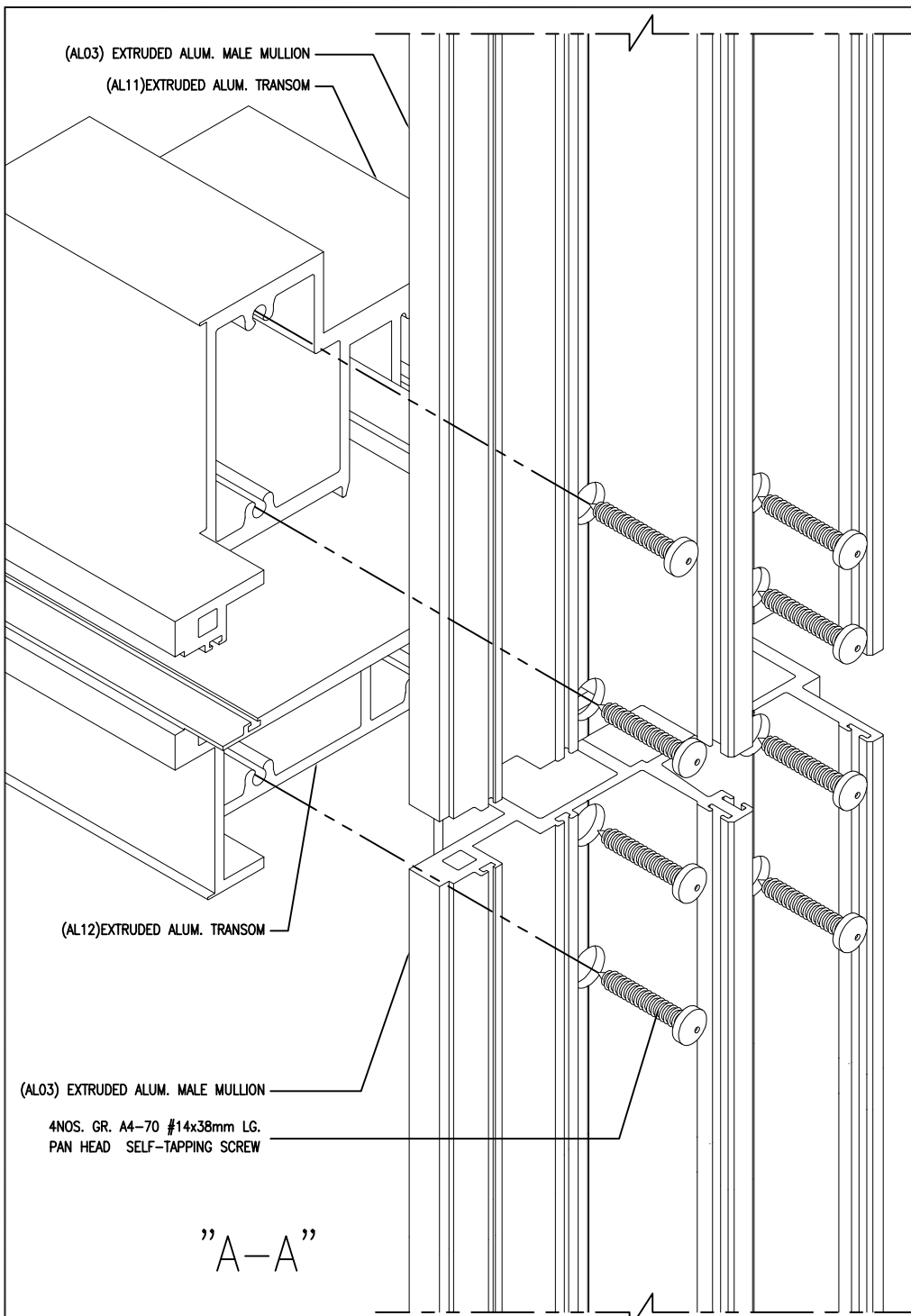
TITLE :
PARTIAL ELEVATION, SECTION AND PLAN OF CURTAIN WALL PERFORMANCE TEST

JOB NO. : J-857

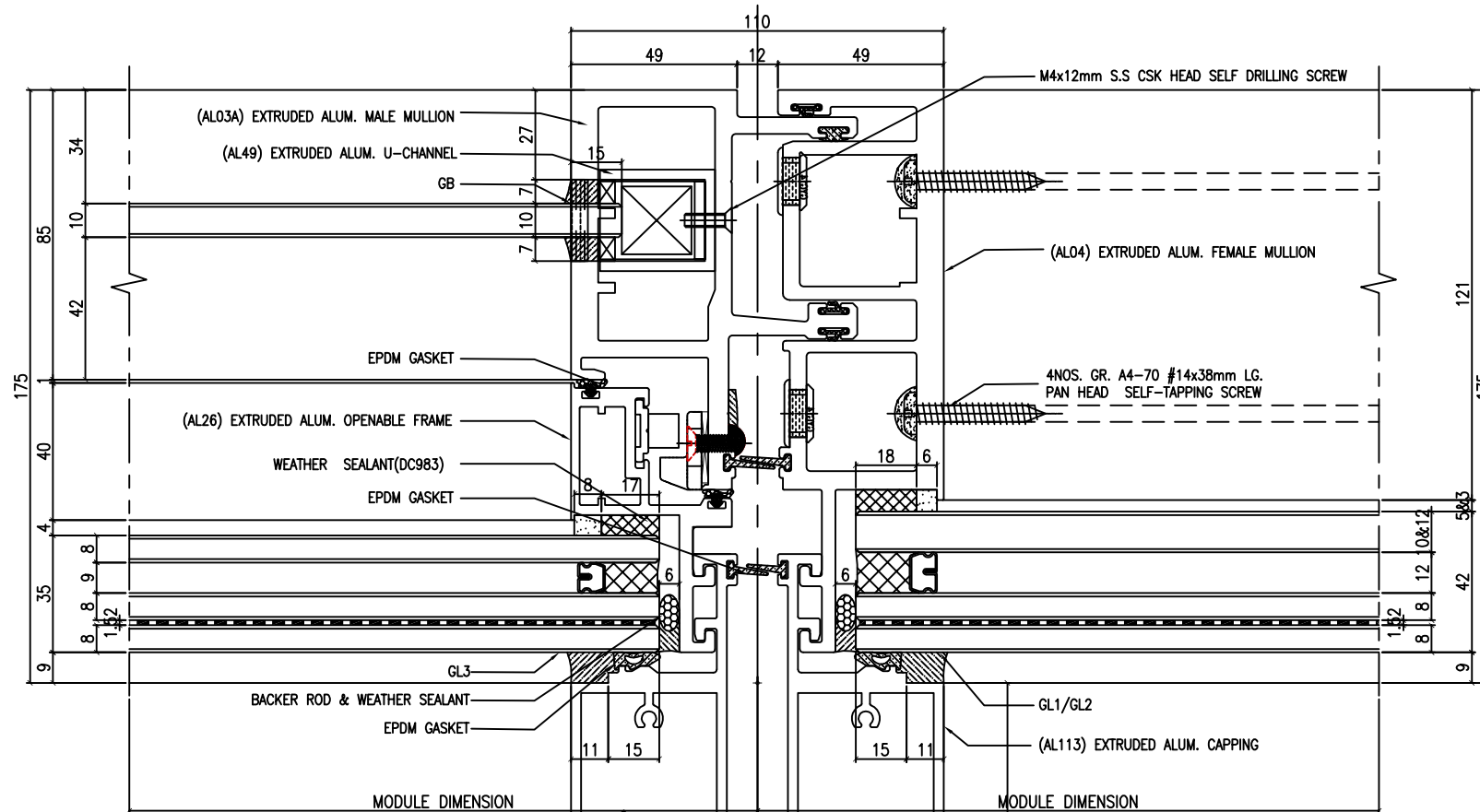
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CHKD BY : SCALE A1: 1:90 A3:

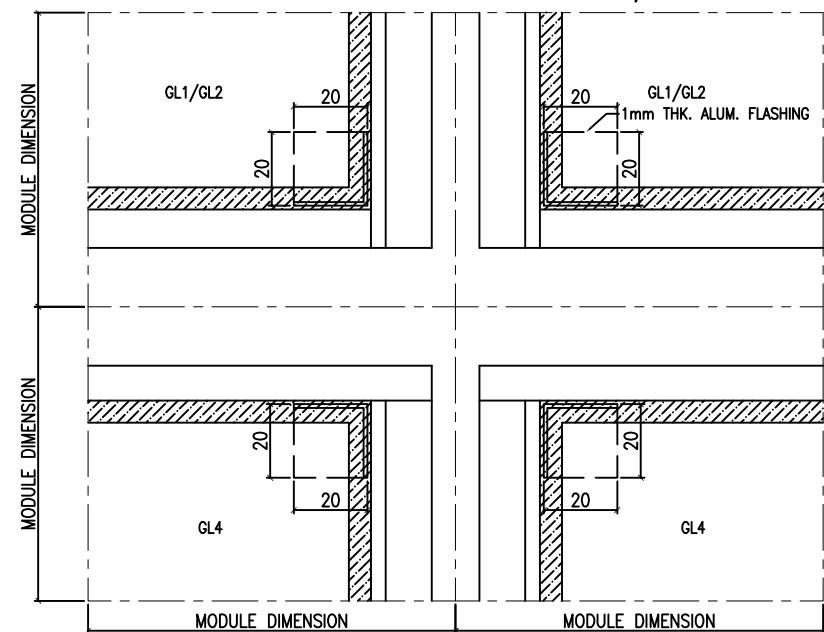
DWG. NO. : J857-PT3-PE301 REV. : -



1 HORIZONTAL DETAIL
4001 SCALE 1:2

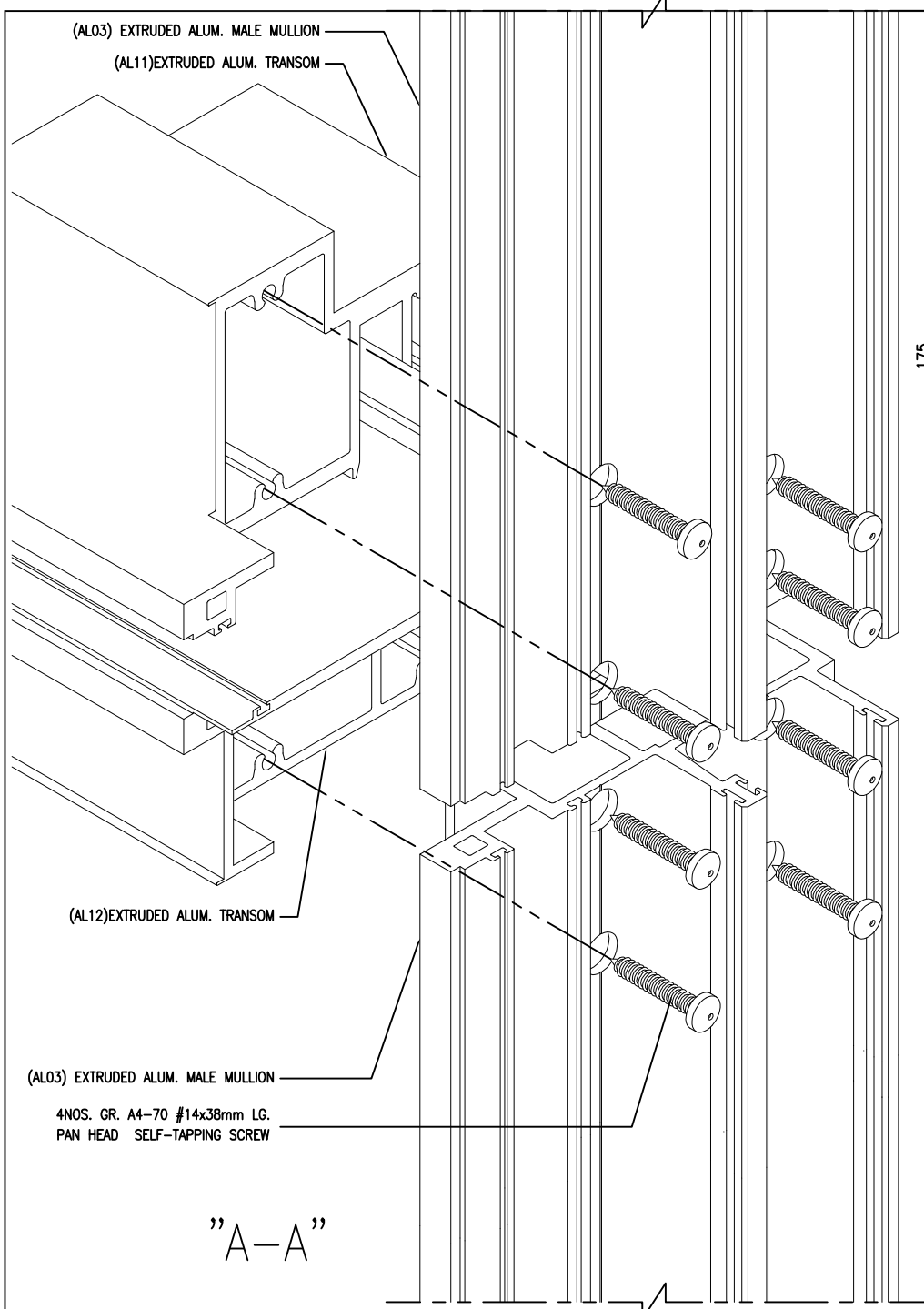


2 HORIZONTAL DETAIL
4001 SCALE 1:2

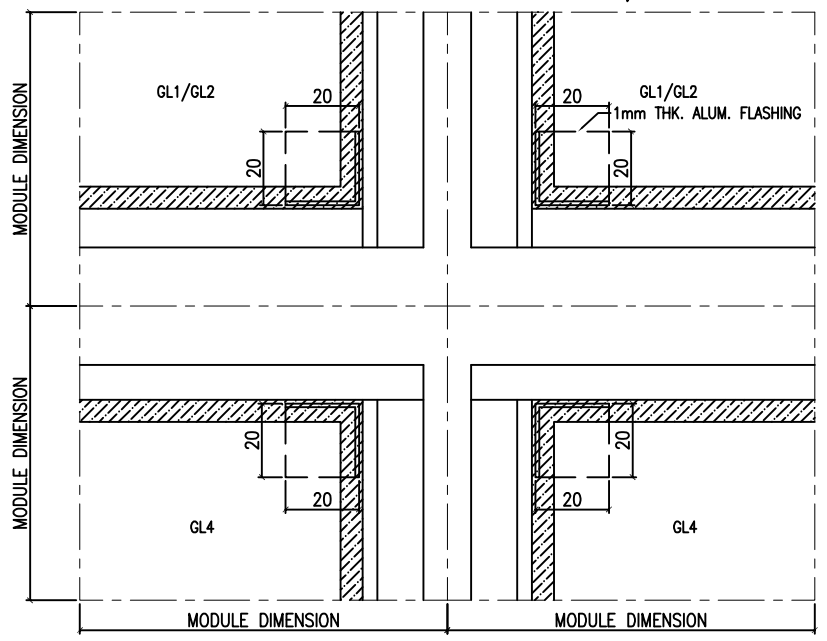


B-B

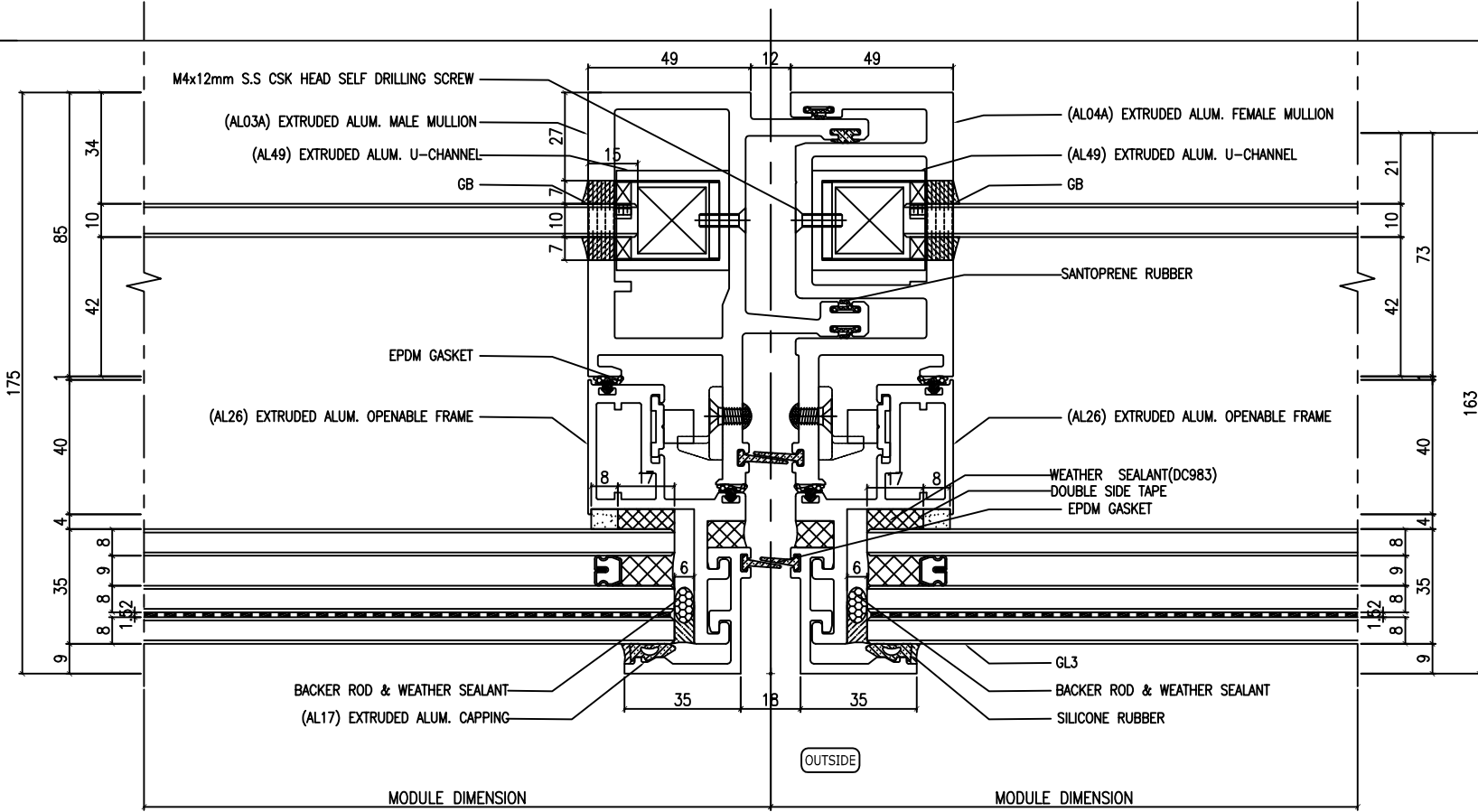
B.D. REF :			
F.S.D. REF :			
Note : 1.All dimensions are in mm. 2.All elevations are viewed from outside. 3.All dimensions to be verified on site before fabrication.			
GENERAL NOTES			
Legend : 1. F.F.L--- Finished Floor Level 2. S.F.L--- Structural Floor Level 3. (R) --- Reversed Detail			
		X1 --- DETAIL MARK NO. X001 --- REFER SHEET NO.	
REV.	DATE	DESCRIPTION	BY
CLIENT :			
MARBLE EDGE INVESTMENT LTD.			
ARCHITECT :			
 ARCHITECTS PLANNERS INTERIOR DESIGNERS			
STRUCTURAL ENGINEER :			
 <small>EST. SINCE 2002 YEAR</small> Ronald.cma@gmail.com			
MAIN CONTRACTOR :			
裕民建築有限公司			
 美特鋁質有限公司 MIDI ALUMINIUM FABRICATOR LTD. Units 6-8, Sunray Industrial Centre, 1/F 610 Cha Kwo Ling Road, Kowloon Tel:23489211-4 Fax:(852)27727666			
PROJECT :			
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552			
TITLE :			
HORIZONTAL DETAIL			
JOB NO. :		J-857	
DRAWN BY :	AN	DATE :	14.Feb.2021
CHKD BY :		SCALE :	A1:1:1.00000 A3:
DWG. NO. :	SD-PT3-4001	REV. :	-



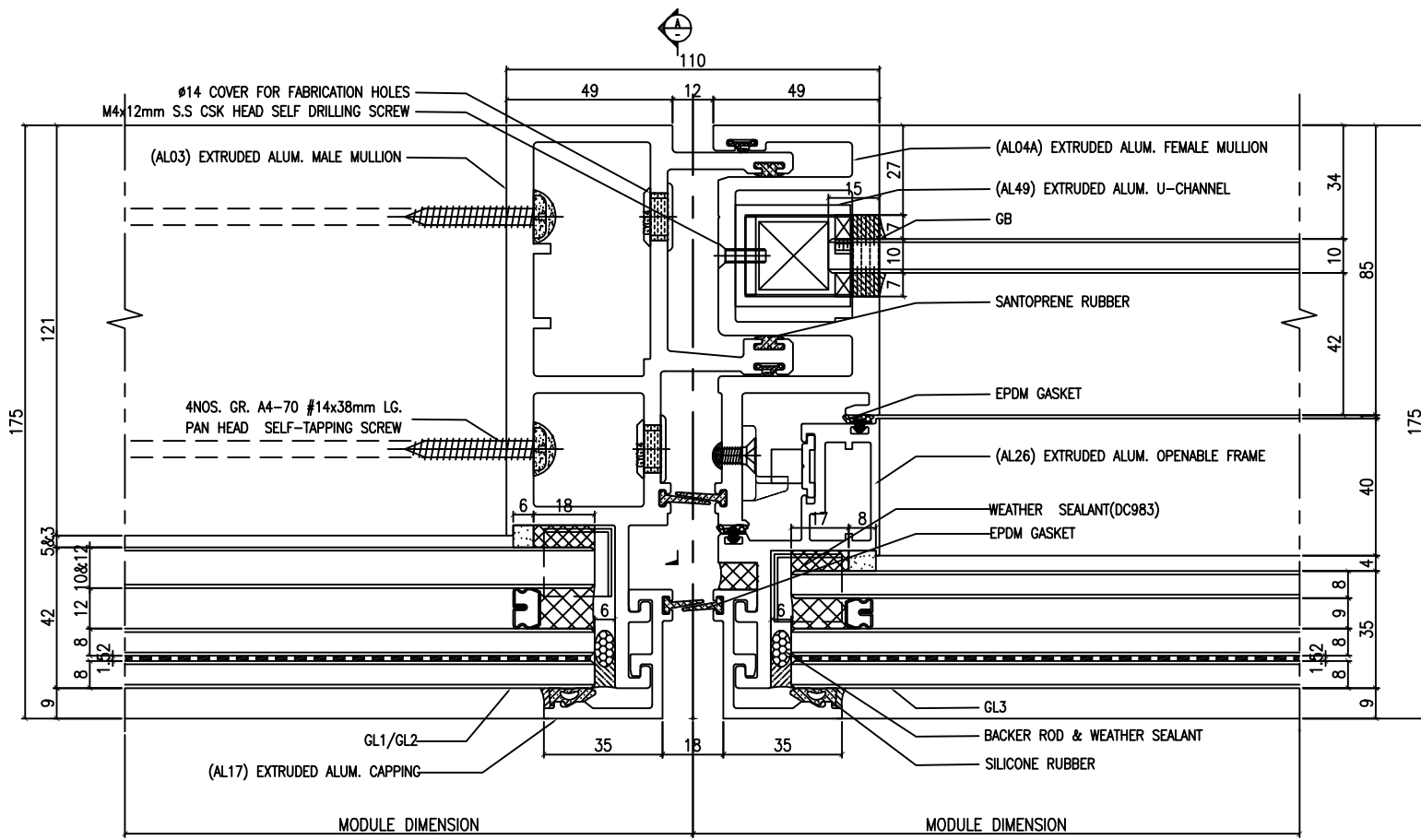
”A-A”



”B-B”

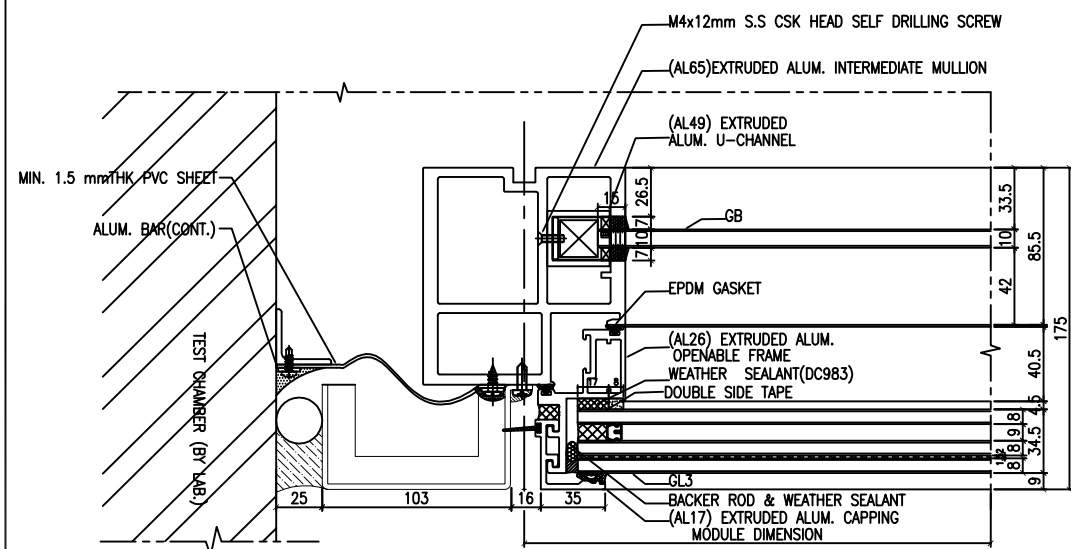


1 HORIZONTAL DETAIL
4002 SCALE 1:2

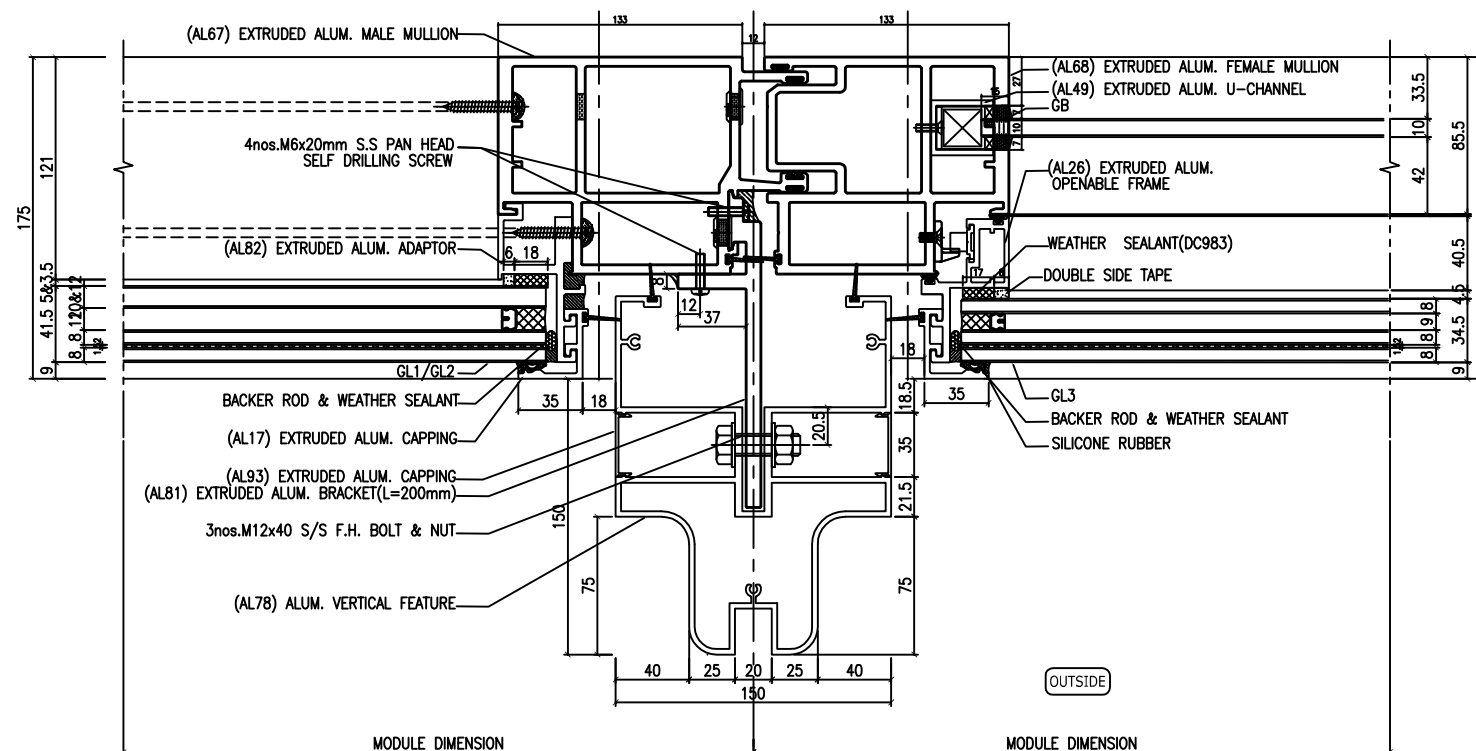


2 HORIZONTAL DETAIL
4002 SCALE 1:2

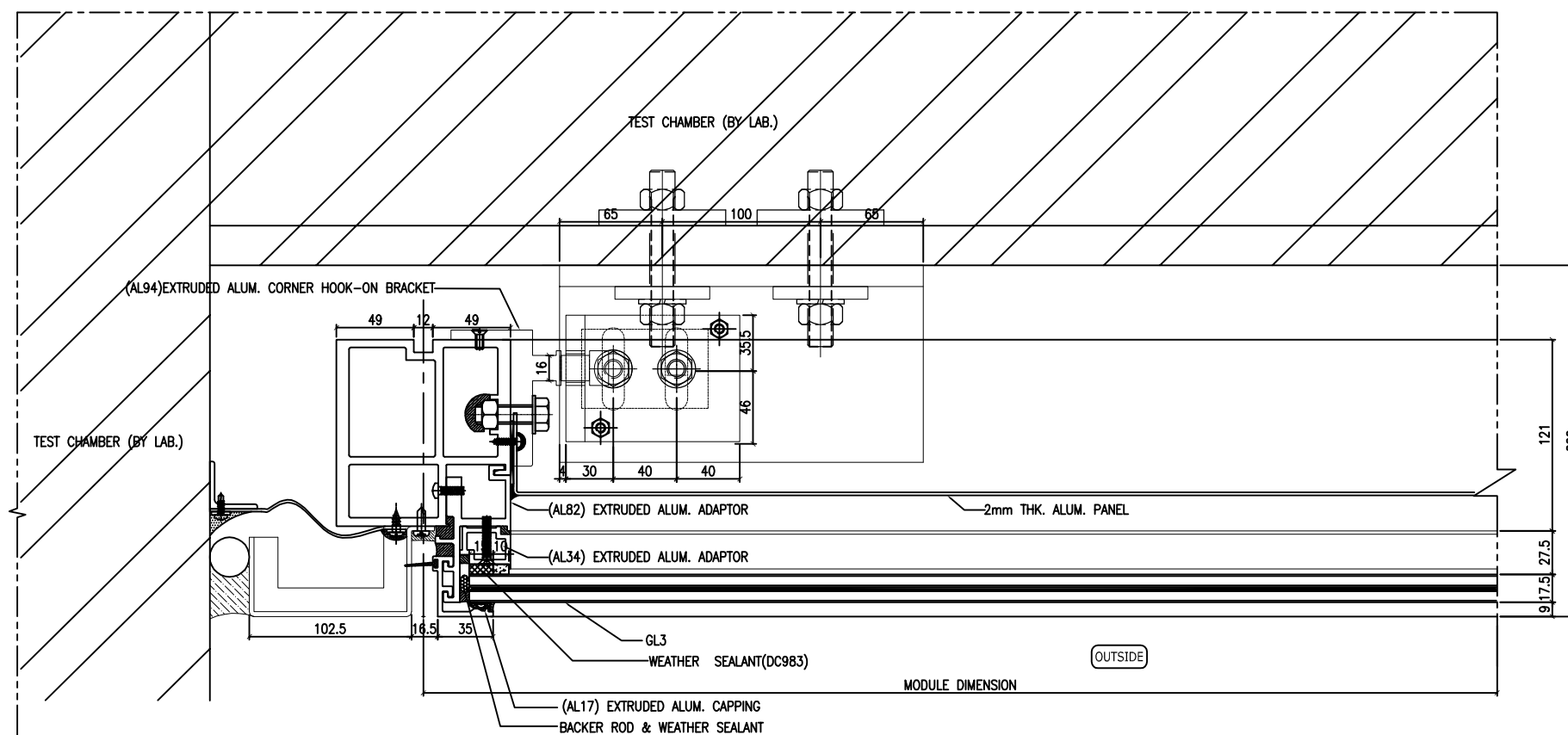
B.D. REF :			
F.S.D. REF :			
Note : 1.All dimensions are in mm. 2.All elevations are viewed from outside. 3.All dimensions to be verified on site before fabrication.			
GENERAL NOTES			
Legend : 1. F.F.L--- Finished Floor Level 2. S.F.L--- Structural Floor Level 3. (R) --- Reversed Detail			
		X1 --- DETAIL MARK NO. X001 --- REFER SHEET NO.	
REV.	DATE	DESCRIPTION	BY
CLIENT :			
MARBLE EDGE INVESTMENT LTD.			
ARCHITECT :			
 ARCHITECTS PLANNERS INTERIOR DESIGNERS			
STRUCTURAL ENGINEER :			
 <small>TEL: (852) 2322 1988 ronald@cmawong.com</small>			
MAIN CONTRACTOR :			
裕民建築有限公司			
 美特鋁質有限公司 MIDI ALUMINIUM FABRICATOR LTD. <small>Units 6-8, Sunray Industrial Centre, 1/F 610 Cha Kwo Ling Road, Kowloon Tel:23489211-4 Fax:(852)2727666</small>			
PROJECT :			
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552			
TITLE :			
HORIZONTAL DETAIL			
JOB NO. :		J-857	
DRAWN BY : AN		DATE :14.Feb.2021	
CHKD BY :		SCALE A1:1:1.00000 A3:	
DWG. NO. :		SD-PT3-4002	
REV. : -			



OUTSIDE **1** HORIZONTAL DETAIL
4005 SCALE 1:4

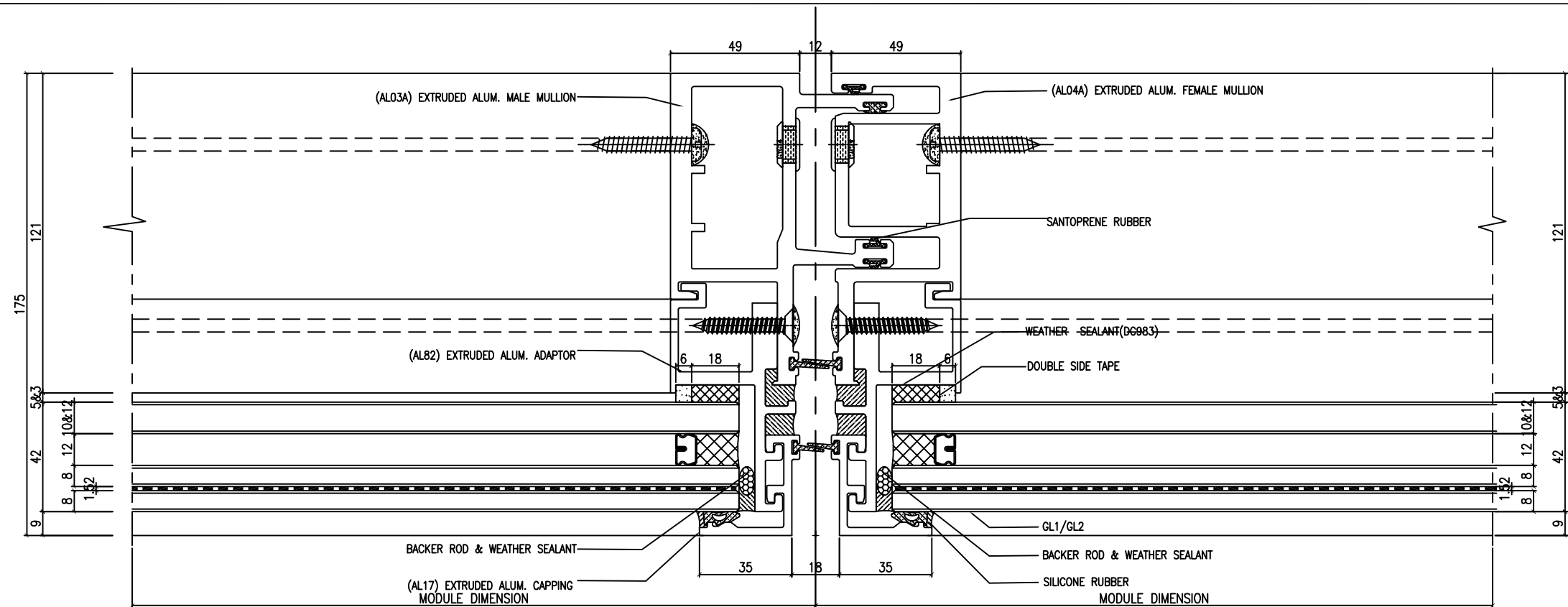


OUTSIDE **2** HORIZONTAL DETAIL
4005 SCALE 1:4

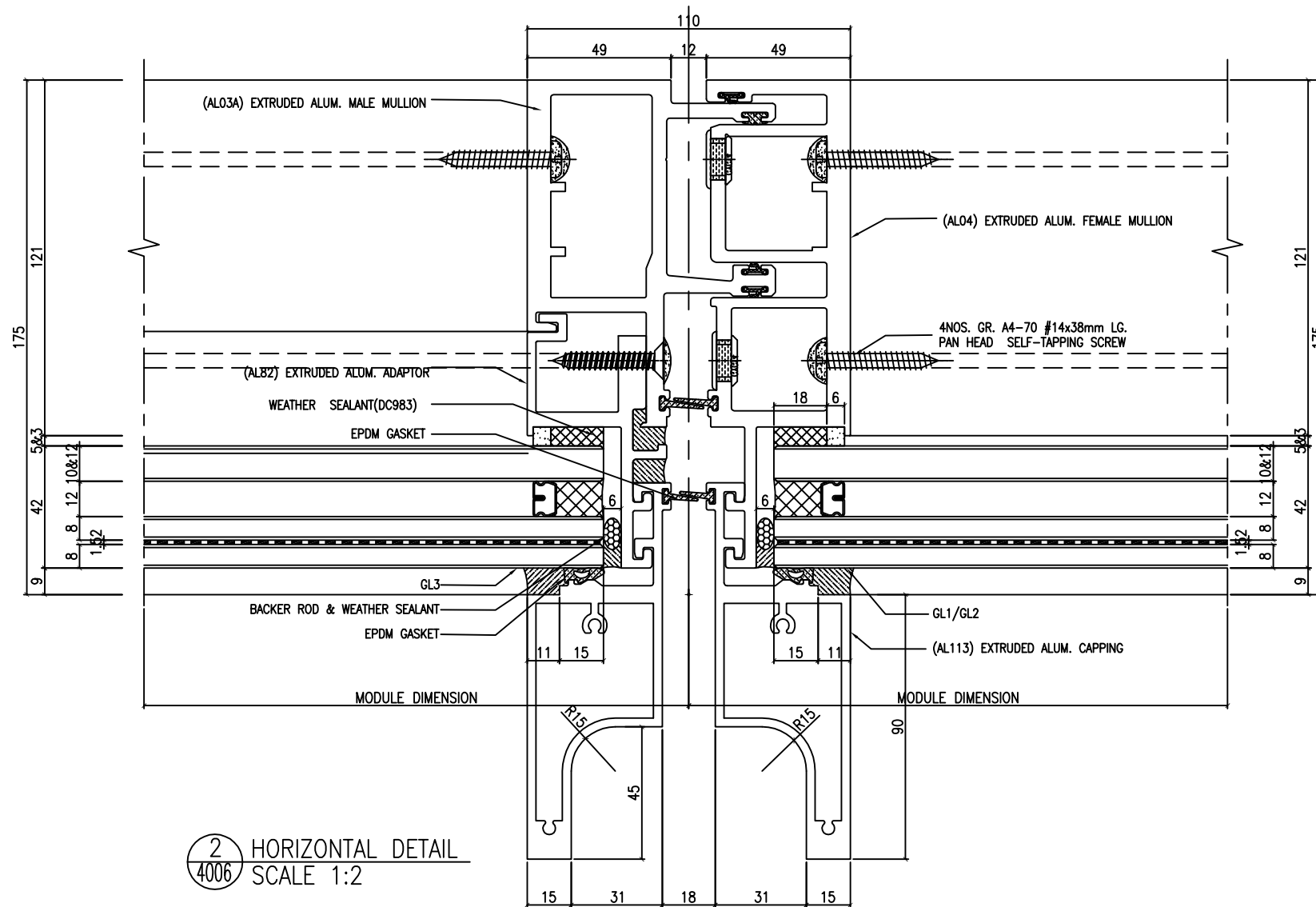


OUTSIDE **3** HORIZONTAL DETAIL
4005 SCALE 1:4

B.D. REF :			
F.S.D. REF :			
Note : 1.All dimensions are in mm. 2.All elevations are viewed from outside. 3.All dimensions to be verified on site before fabrication.			
GENERAL NOTES			
Legend : 1. F.F.L--- Finished Floor Level 2. S.F.L--- Structural Floor Level 3. (R) --- Reversed Detail			
		X1 --- DETAIL MARK NO. X001 --- REFER SHEET NO.	
REV.	DATE	DESCRIPTION	BY
CLIENT :			
MARBLE EDGE INVESTMENT LTD.			
ARCHITECT :			
 RONALD LU & PARTNERS <small>ARCHITECTS PLANNERS INTERIOR DESIGNERS</small>			
STRUCTURAL ENGINEER :			
 CMA C M WONG & ASSOCIATES LTD <small>EST. SINCE 2002 YEAR</small>			
MAIN CONTRACTOR :			
裕民建築有限公司			
 美特鋁質有限公司 MIDI ALUMINIUM FABRICATOR LTD. <small>Units 6-8, Sunray Industrial Centre, 1/F 610 Cha Kwo Ling Road, Kowloon Tel:23489211-4 Fax:(852)2727666</small>			
PROJECT :			
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552			
TITLE :			
HORIZONTAL DETAIL			
JOB NO. : J-857			
DRAWN BY : AN		DATE : 14.Feb.2021	
CHKD BY :		SCALE A1:1:2.00000 A3:	
DWG. NO. : SD-PT3-4005		REV. : -	



1 HORIZONTAL DETAIL
 OUTSIDE 4006 SCALE 1:2



2 HORIZONTAL DETAIL
 4006 SCALE 1:2

B.D. REF :

F.S.D. REF :

Note :
 1. All dimensions are in mm.
 2. All elevations are viewed from outside.
 3. All dimensions to be verified on site before fabrication.

GENERAL NOTES

Legend :
 1. F.F.L. --- Finished Floor Level
 2. S.F.L. --- Structural Floor Level
 3. (R) --- Reversed Detail

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

REV.	DATE	DESCRIPTION	BY

CLIENT :

MARBLE EDGE INVESTMENT LTD.

ARCHITECT :



STRUCTURAL ENGINEER :



MAIN CONTRACTOR :

裕民建築有限公司



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

PROJECT :

PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO. 6552

TITLE :

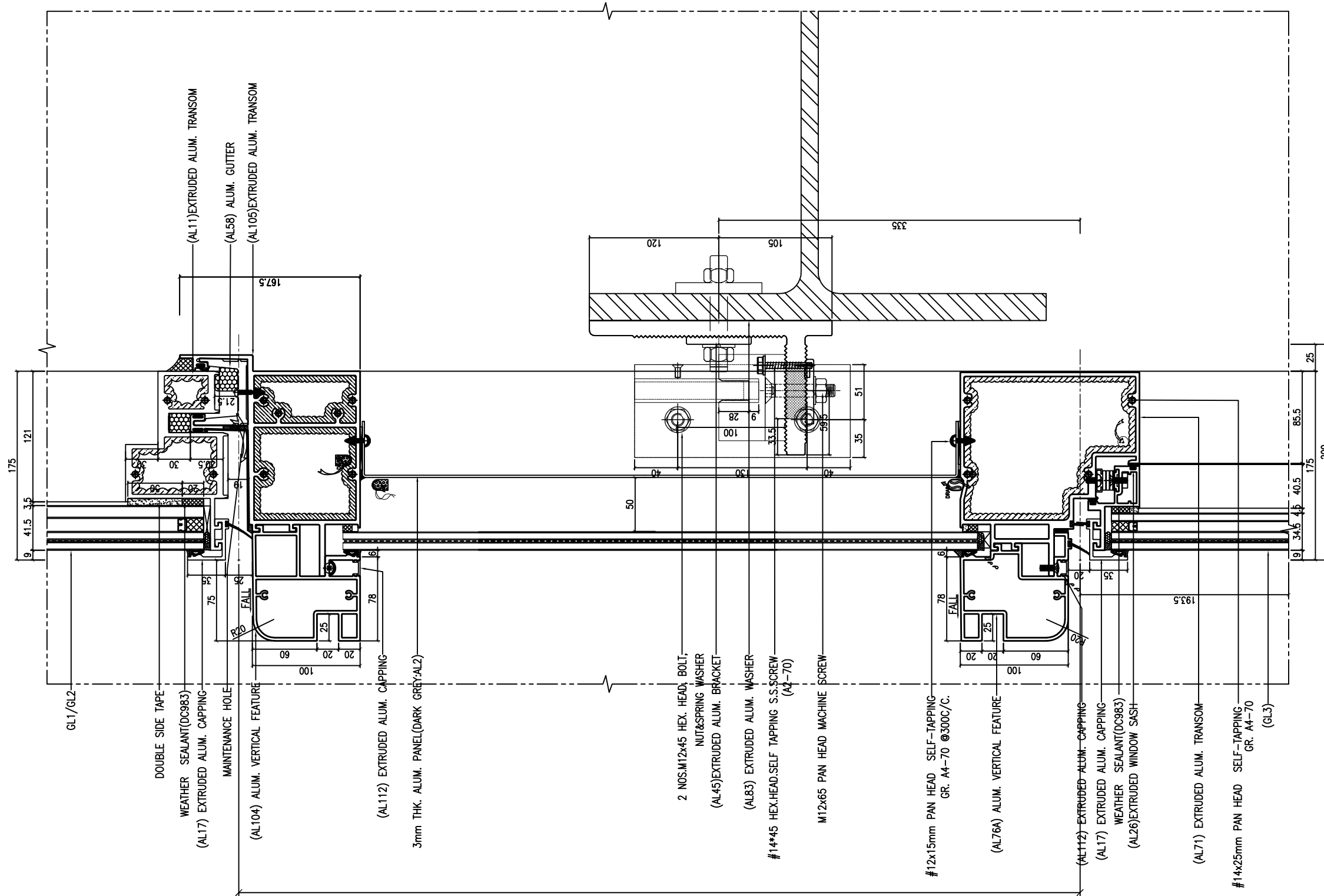
HORIZONTAL DETAIL

JOB NO. : J-857

DRAWN BY : AN DATE : 14.Feb.2021

CHKD BY : SCALE A1:1:1.00000 A3:

DWG. NO. : SD-PT3-4006 REV. : -



1 VERTICAL DETAIL
SCALE 1:2

086

B.D. REF :

F.S.D. REF :

Note :
1.All dimensions are in mm.
2.All elevations are viewed from outside.
3.All dimensions to be verified on site before fabrication.

GENERAL NOTES

Legend :
1. F.F.L-- Finished Floor Level
2. S.F.L-- Structural Floor Level
3. (R) -- Reversed Detail

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

REV.	DATE	DESCRIPTION	BY

CLIENT :
MARBLE EDGE INVESTMENT LTD.

ARCHITECT :
RONALD LU & PARTNERS
ARCHITECTS | PLANNERS | INTERIOR DESIGNERS

STRUCTURAL ENGINEER :
CMW C M WONG & ASSOCIATES LTD
TEL: 3482 3883 FAX: 3482 3883
E-MAIL: cmw@cmw.com

MAIN CONTRACTOR :
裕民建築有限公司

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

PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

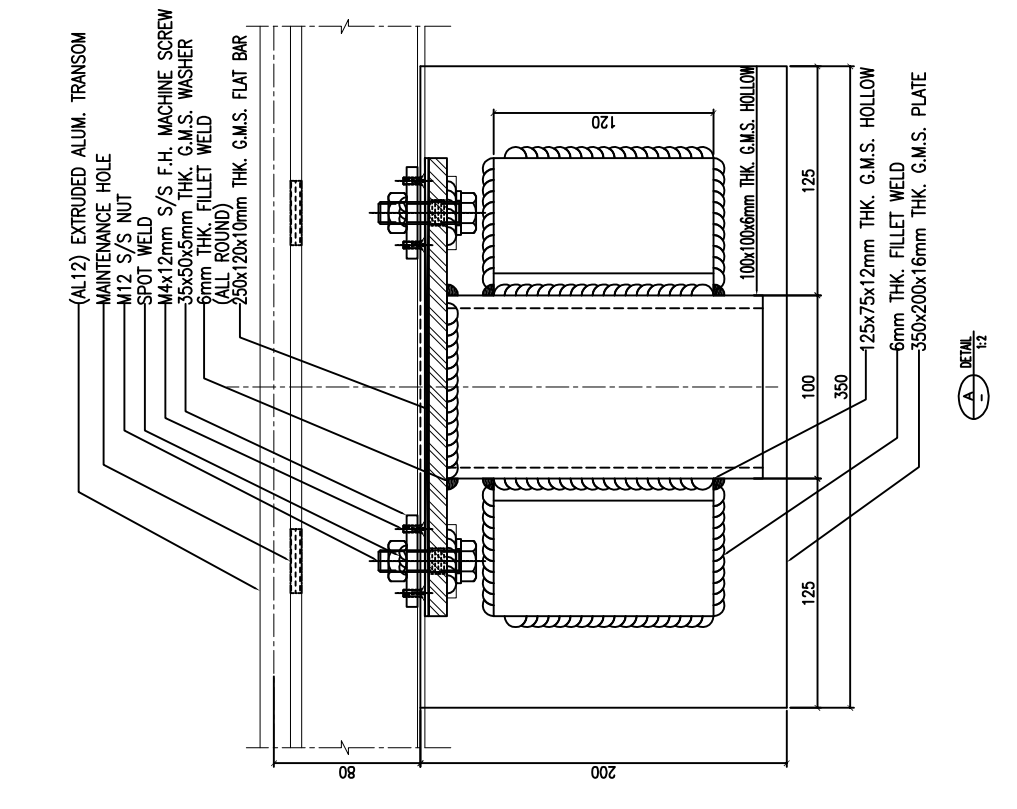
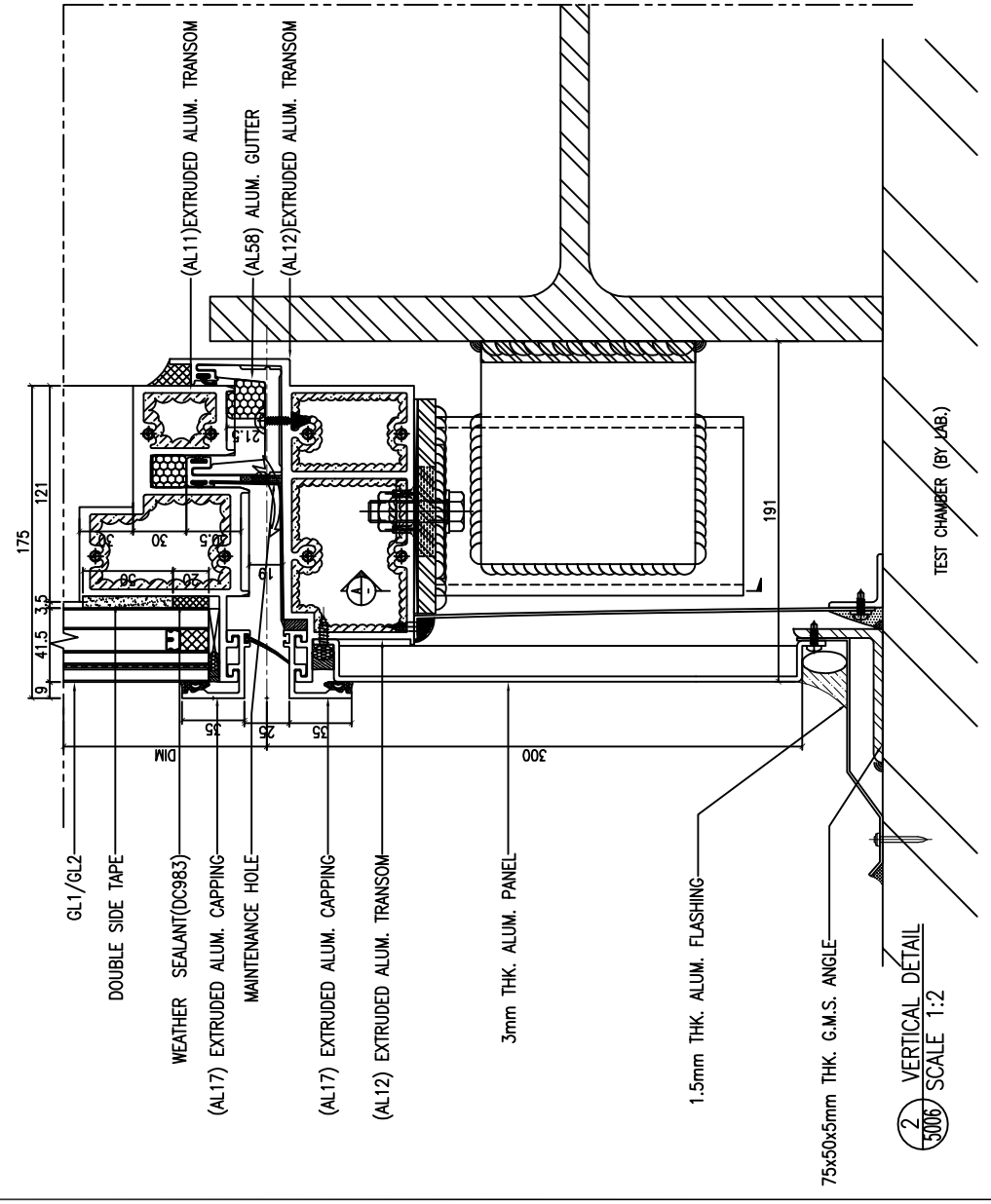
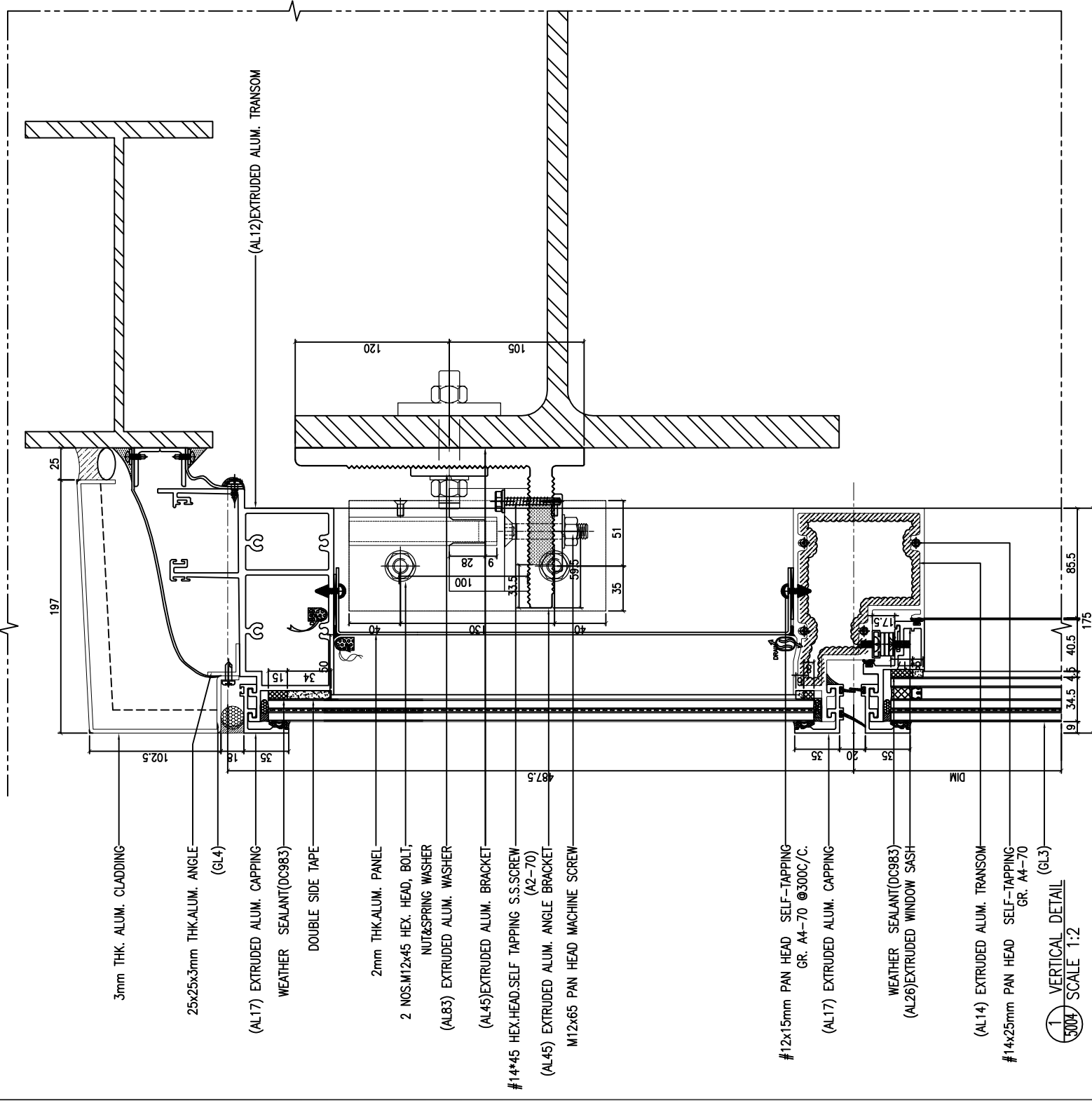
TITLE :
VERTICAL DETAIL

JOB NO. : J-857

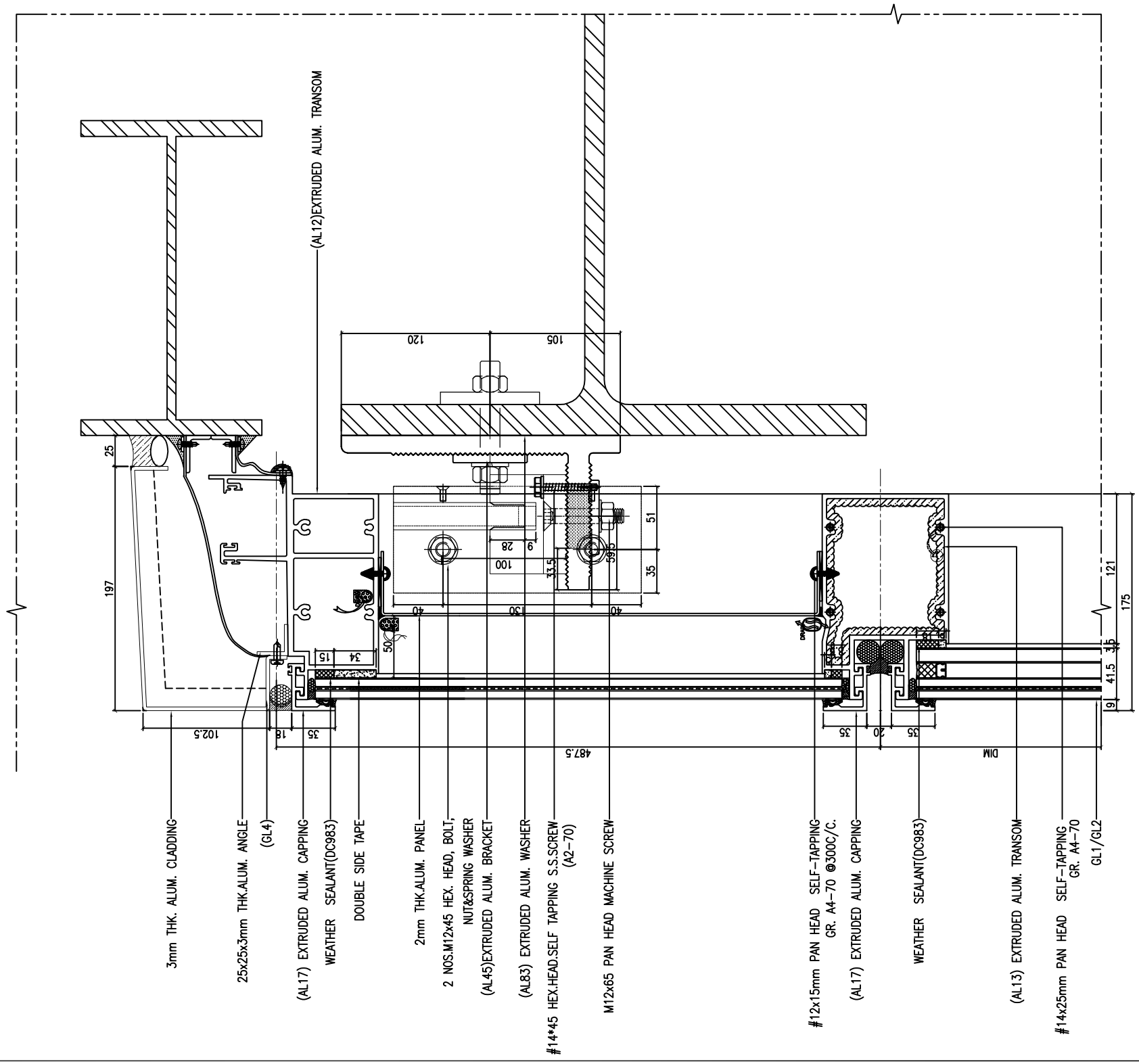
DRAWN BY : AN DATE : 14.Feb.2021

CHKD BY : SCALE A1:1:2.000000 A3:

DWG. NO. : SD-PT3-5002 REV. : -



B.D. REF :			
F.S.D. REF :			
Note :			
1.All dimensions are in mm.			
2.All elevations are viewed from outside.			
3.All dimensions to be verified on site before fabrication.			
GENERAL NOTES			
Legend :			
1. F.F.L -- Finished Floor Level			
2. S.F.L -- Structural Floor Level			
3. (R) -- Reversed Detail			
X1 X001		DETAIL MARK NO. REFER SHEET NO.	
REV.	DATE	DESCRIPTION	BY
CLIENT :			
MARBLE EDGE INVESTMENT LTD.			
ARCHITECT :			
 RONALD LU & PARTNERS <small>ARCHITECTS PLANNERS INTERIOR DESIGNERS</small>			
STRUCTURAL ENGINEER :			
 CMA C M WONG & ASSOCIATES LTD <small>TELE: 3821 3821 3008 E-MAIL: cmaw@cmaw.com</small>			
MAIN CONTRACTOR :			
裕民建築有限公司			
PROJECT :			
美特鋁質有限公司 MIDI ALUMINIUM FABRICATOR LTD. <small>Units 6-8, Sunray Industrial Centre, 1/F 610 Cha Kwo Ling Road, Kowloon Tel:23489211-4 Fax:(852)27727666</small>			
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552			
TITLE :			
VERTICAL DETAIL			
JOB NO. : J-857			
DRAWN BY : AN		DATE : 14.Feb.2021	
CHKD BY :		SCALE A1:1:2.000000 A3:	
DWG. NO. : SD-PT3-5004		REV. : -	



1 VERTICAL DETAIL
SCALE 1:2

B.D. REF :
F.S.D. REF :

Note :
1.All dimensions are in mm.
2.All elevations are viewed from outside.
3.All dimensions to be verified on site before fabrication.

GENERAL NOTES

Legend :
1. F.F.L-- Finished Floor Level
2. S.F.L-- Structural Floor Level
3. (R) -- Reversed Detail

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

REV.	DATE	DESCRIPTION	BY

CLIENT :
MARBLE EDGE INVESTMENT LTD.

ARCHITECT :
RONALD LU & PARTNERS
ARCHITECTS | PLANNERS | INTERIOR DESIGNERS

STRUCTURAL ENGINEER :
CMMA C M WONG & ASSOCIATES LTD
TEL: (852) 2952 9088
E-MAIL: cmw@cmwma.com

MAIN CONTRACTOR :
裕民建築有限公司

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

PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
VERTICAL DETAIL

JOB NO. : J-857

DRAWN BY : AN DATE : 14.Feb.2021

CHKD BY : SCALE A1:1:2.000000
A3:

DWG. NO. : SD-PT3-5005 REV. : -