



工程指示 / 要求簡箋(E.I.)

工程指示編號：EI/ 9485 /18 修改版次：  
 工程編號：J836 工程名稱：日出康城7期平台  
 工程項目：Kindergarten Canopy 鐵件拆圖  
 收件人：Maggie Lor 發件人：馮耀輝 日期：2018/7/16

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：

煩請安排強記拆 Kindergarten Canopy 鐵件。  
 (Embed 不用拆，其他鐵全拆)  
 拆圖先提供，待覆核簽批後方可進行加工。

請在 2018/7/19 前完成上列要求。

附有關圖紙 / 文件：Kindergarten Canopy 拆工圖 1 份 (CAD 檔往電郵給華哥)

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    ( ) 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  
 ( ) 質檢部     連附件    ( ) 會計部     連附件    ( ) 報關組     連附件    ( ) 其他 \_\_\_\_\_  連附件

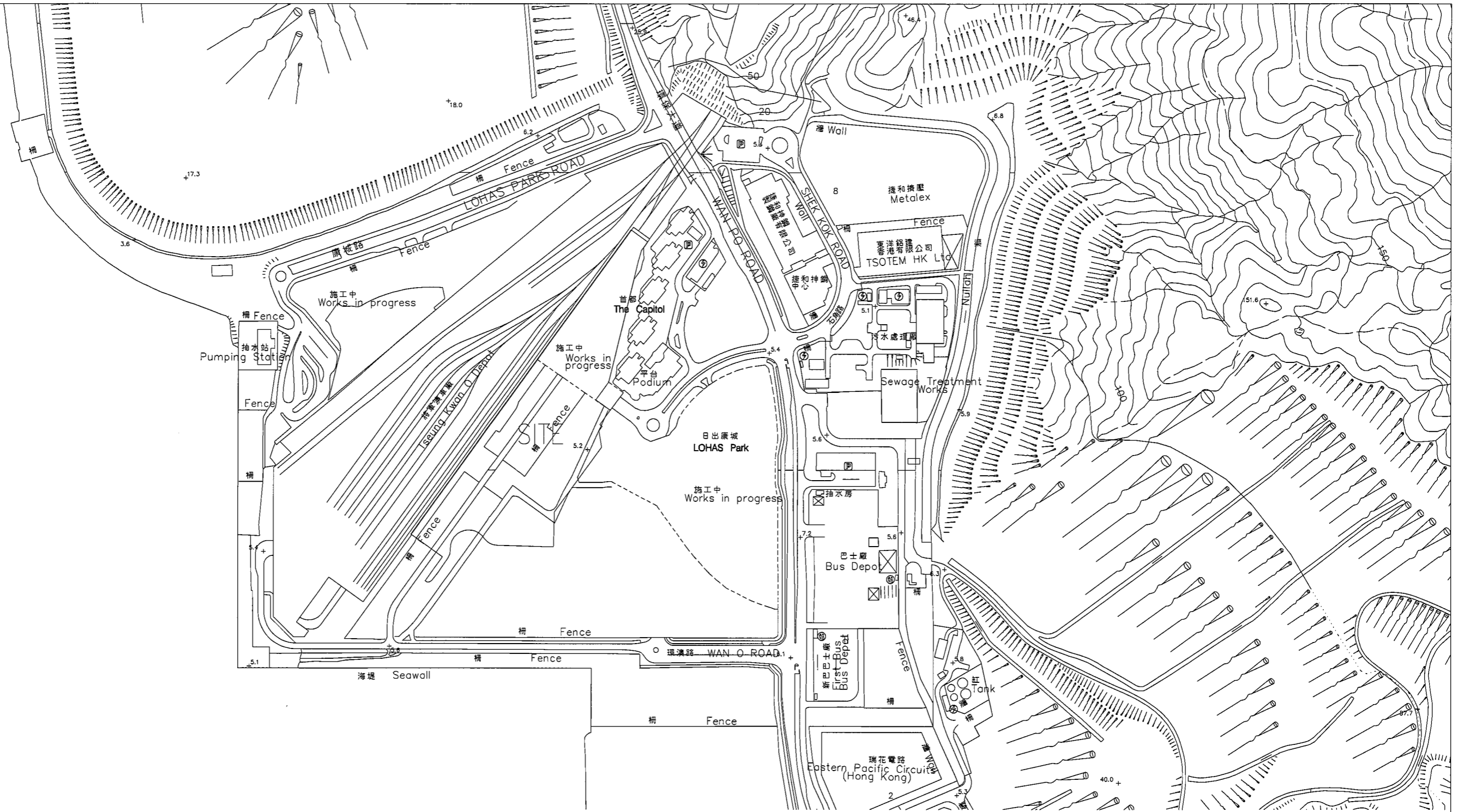
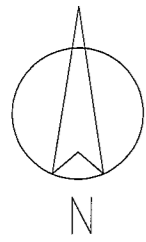
分發香港各部門：

- ( ) 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：

發件人簽署：

項目經理簽署：



**PROJECT : PROPOSED SITE C1, DEVELOPMENT AT AREA 86,  
TKOTL 70 RP, TSEUNG KWAN O, NEW TERRITORIES**

4

**TITLE : 4TH SHOP DRAWING (RESUBMISSION)  
GLASS CANOPY AT KINDERGARTEN**

**DATE: 4 - JUNE - 2018**

# DRAWING SUBMISSION REGISTER

<b>PROJECT :</b> PROPOSED SITE C1, DEVELOPMENT AT AREA 86, TKOTL 70 RP, TSEUNG KWAN O, NEW TERRITORIES  <b>TITLE :</b> SHOPDRAWING FOR FOR GLASS CANOPY AT KINDERGARTEN	<b>DATE OF ISSUE</b>						<b>SUBMISSION STATE</b> <small>(FOR B.D / A.S.D)</small>			<b>SUBMISSION STATE</b> <small>(FOR CLIENT / CONSULTANT)</small>			<b>SUBMISSION STATE</b> <small>(FOR ARCHITECT)</small>			<b>FABRICATION / CONSTRUCTION STATE</b>							
	ISSUE	01	02	03	04	04R						AP - APPROVED			AP - APPROVED			AP - APPROVED			<b>ISSUE TO</b> <small>CHINA OFFICE</small>	<b>ISSUE TO</b> <small>SITE</small>	<b>ISSUE TO</b> <small>SUB-CONTRACTOR</small>
	DAY	09	07	13	11	04						AC - APPROVED SUB. TO CONDITION			AC - APPROVED SUB. TO CONDITION			AC - APPROVED SUB. TO CONDITION					
	MONTH	10	12	04	05	06						NA - NOT APPROVED			NA - NOT APPROVED			NA - NOT APPROVED					
	YEAR	17	17	18	18	18																	

DRAWING TITLE	DWG. NO.	REVISIONS						COmMENT DATE	REV.	STATE	COmMENT DATE	REV.	STATE	COmMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE
COVERPAGE	J836-GCK-0000	-	A	B	C	D																
DRAWING SUBMISSION REGISTER	J836-GCK-0001	-	A	B	C	D																
GENERAL NOTES	J836-GCK-0002	-	A	B	C	D																
SECTION PROPERTIES	J836-GCK-0003	-	A	A	A	B																
PART PLAN LAYOUT FOR GLASS CANOPY AT KINDERGARTEN	J836-GCK-1001	-	A	B	C	D																
PART PLAN FOR GLASS CANOPY AT KINDERGARTEN	J836-GCK-2001	-	A	B	C	D																
PART ELEVATION FOR GLASS CANOPY AT KINDERGARTEN	J836-GCK-3001	-	A	B	C	D																
TYPICAL SECTION FOR GLASS CANOPY AT KINDERGARTEN	J836-GCK-7001	-	A	B	C	D																
TYPICAL DETAIL FOR GLASS CANOPY AT KINDERGARTEN	J836-GCK-9001	-	A	B	C	D																
TYPICAL DETAIL FOR GLASS CANOPY AT KINDERGARTEN	J836-GCK-9001A	/	/	-	A	B																
TYPICAL DETAIL FOR GLASS CANOPY AT KINDERGARTEN	J836-GCK-9002	-	A	B	C	C																
TYPICAL DETAIL FOR GLASS CANOPY AT KINDERGARTEN	J836-GCK-9003	/	/	-	A	A																
TYPICAL DETAIL FOR GLASS CANOPY AT KINDERGARTEN	J836-GCK-9004	/	/	/	-	-																
TYPICAL DETAIL FOR GLASS CANOPY AT KINDERGARTEN	J836-GCK-9005	/	/	/	-	-																

TOTAL PAGES :  
(INCLUDING COVERPAGE AND DRAWING SUBMISSION REGISTER)

**IN-HOUSE DESIGN CHECKER**

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

DWG NO. : J836-GCK-0001
REV. : D

# GENERAL NOTES

## (a) STANDARD AND CODES

- HONG KONG BUILDING (CONSTRUCTION) REGULATION, 2011
- CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004
- CODE OF PRACTICE FOR DEAD & IMPOSED LOADS 2011
- CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011
- CODE OF PRACTICE FOR THE STRUCTURAL USE OF CONCRETE 2013
- BS 818:1991 - STRUCTURAL USE OF ALUMINIUM
- BS 6262: BRITISH STANDARD CODE OF PRACTICE FOR GLAZING OF BUILDING
- BS EN 485: PART 2 : 2008 - ALUMINIUM AND ALUMINIUM ALLYS. SHEET, STRIP AND PLATE
- BS 1474: SPECIFICATION FOR WROUGHT ALUM. AND ALUM. ALLY FOR GENERAL ENGINEERING PURPOSE
- BS 6105: CORROSION-RESISTANT STAINLESS STEEL FASTENERS - 1981

## (b) DESIGN LOAD

### 1. WIND LOAD

DESIGN WIND LOAD SHALL COMPLY WITH THE "CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004", BUILDINGS DEPARTMENT, HONG KONG.

- FOR ENCLOSED AREA

MAX. HEIGHT OF BUILDING = (+33.50m - +5.5m) = 28.0m ABOVE SITE-GROUND LEVEL  
 BREADTH OF BUILDING B = 319M;  
 BASIC WIND PRESSURE qz = 2.40 kPa;  
 DESIGN WIND PRESSURE qp = Cp \* qz kPa;

- FOR GLASS CANOPY AND OPEN FRAME Cp = +2.0 qp = 4.8kPa;  
 Cp = -2.0 qp = -4.8kPa;

### 2. DEAD LOAD :

GLASS = 26.0kN/m<sup>2</sup>  
 STEEL = 77.0kN/m<sup>2</sup>  
 ALUMINIUM = 22.2kN/m<sup>2</sup>  
 DESIGN DEAD LOAD = 2.0kPa

3. IMPOSED LIVE LOAD: (MAINTENANCE LOAD) = 1.5kN UNIFORM LOAD APPLIED AT IN FILL PANEL

## (c) ALUMINIUM ALLOY

### 1) ALUMINIUM PANEL - TO BE GRADE 3003-H14

MECHANICAL PROPERTIES TO BE EN485-2:2008.

CHEMICAL COMPOSITION TO BE EN 573-3:2003.

LIMITING STRESSES (BASED ON TABLE 4.1 OF BS 8118:PART1:1991):

0.2% YIELD STRESS = 125 MPa  
 LIMITING SHEAR STRESS = 75 MPa  
 LIMITING BENDING STRESS = 125 MPa  
 LIMITING TENSILE STRESS = 135 MPa  
 MODULUS OF ELASTICITY = 70000 MPa.

### 2) ALUMINIUM EXTRUSION - TO BE ALLOY 6063-T5

MECHANICAL PROPERTIES TO BE EN 755-2:1997.

CHEMICAL COMPOSITION TO BE EN 573-3:2003.

LIMITING STRESSES (BASED ON TABLE 4.1 OF BS 8118:PART1:1991):

0.2% YIELD STRESS = 110 MPa  
 LIMITING SHEAR STRESS = 65 MPa  
 LIMITING BENDING STRESS = 110 MPa  
 LIMITING TENSILE STRESS = 130 MPa  
 MODULUS OF ELASTICITY = 70000 MPa.

### 3) ALUMINIUM EXTRUSION - TO BE ALLOY 6061-T6

MECHANICAL PROPERTIES TO BE EN 755-2:1997.

CHEMICAL COMPOSITION TO BE EN 573-3:2003.

LIMITING STRESSES (BASED ON TABLE 4.1 OF BS 8118:PART1:1991):

0.2% YIELD STRESS = 240 MPa  
 LIMITING SHEAR STRESS = 145 MPa  
 LIMITING BENDING STRESS = 240 MPa  
 LIMITING TENSILE STRESS = 260 MPa  
 MODULUS OF ELASTICITY = 70000 MPa.

## (d) STRUCTURAL STEEL

THE STEEL HOLLOW TO BE GRADE S275 JO (CLASS 1) COMPLY WITH BS EN 10210 PART 1:2006.

THE OTHER STEEL TO BE GRADE S275 JO (CLASS 1) COMPLY WITH BS EN 10025:2004.

MODULUS OF ELASTICITY = 205000 MPa.

DESIGN STRENGTH = 275 MPa (FOR MEMBER THICKNESS <= 16mm)

DESIGN STRENGTH = 265 MPa (FOR 16mm < MEMBER THICKNESS <= 40mm)

ALL STRUCTURAL STEEL TO BE HOT DIP GALVANIZED COMPLY WITH BS EN ISO 1461:1999.

HOT DIP GALVANIZED COMPLY MIN THICKNESS = 85um

## (e) STAINLESS STEEL SCREW

STAINLESS STEEL BOLT & SCREW TO BE A4-70 COMPLY WITH BS EN ISO 3506 FOR MECHANICAL PROPERTIES, UNLESS OTHERWISE SPECIFIED.

YIELD STRENGTH = 450 MPa

ULTIMATE TENSILE STRENGTH = 700 MPa

SHEAR STRENGTH = 311 MPa

BEARING STRENGTH = 828 MPa

TENSION STRENGTH = 374 MPa

## (f) WELDING FOR STEEL PARTS:

ALL WELDING SHALL COMPLY TO BS EN 1011-1 : 2009 AND PART 3:2000

ALL WELD PROCEDURES TO BE COMPLIED WITH BS EN ISO 15614.

ALL WELD SHALL BE 5mm FILLET WELD UNLESS OTHERWISE SPECIFIED.

ALL WELDING SHALL BE DONE BY THE QUALIFIED WELDERS COMPLIED WITH BS EN 287-1 : 2008.

ALL SITE WELDS SHALL BE RECEIVED WITH 2 COATS OF ZINC CHROMATE PRIMER.

DESIGN STRENGTH = 220 MPa

WELD SIZE SHALL BE IN FULL LENGTH UNLESS OTHERWISE SPECIFIED BELOW:

- a mm FILLET WELD ON ONE SIDE (L=b mm)
- a mm FILLET WELD ON ONE SIDE (FULL LENGTH)
- a mm FILLET WELD ON BOTH SIDE (L=b mm)
- a mm FILLET WELD ON ONE SIDE (l=b and ALL AROUND WELD)
- BUTT WELD (ALL AROUND)

## (g) SEPARATION BETWEEN DISSIMILAR MATERIALS :

CONTACT SURFACE BETWEEN DISSIMILAR MATERIALS WILL BE ISOLATED BY A LAYER OF PVC TAPE (FOR VERTICAL) / BITUMEN PAINT(FOR HORIZONTAL)

## (h) ANCHOR BOLT :

ALL ANCHORS SHALL BE COMPLIED WITH BS 5080.

ANCHOR BOLT TO BE ACCORDING TO MANUFACTURER'S TECHNICAL DATA;

INSTALLATION OF ANCHOR BOLT FOLLOW WITH MANUFACTURER'S RECOMMEDATION;

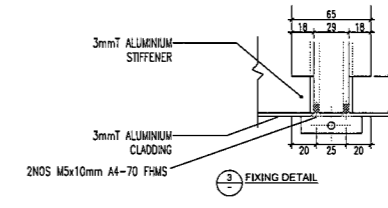
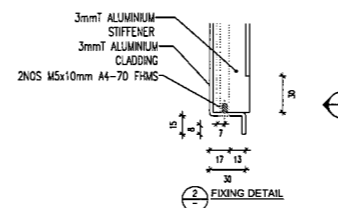
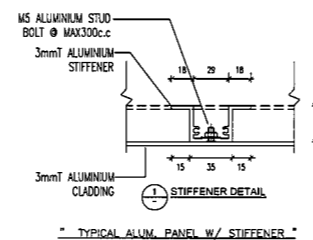
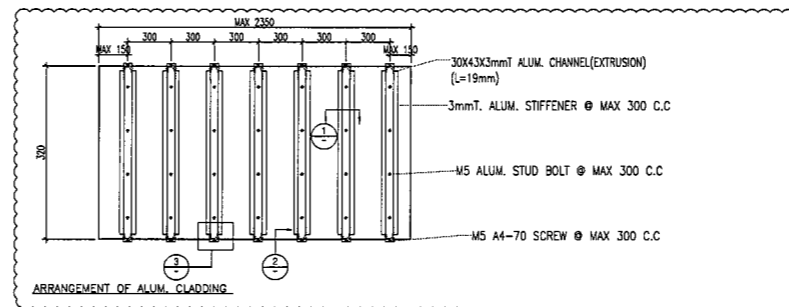
FACTOR OF SAFETY = 3

B.D. REF.	TYPE	MINIMUM CONCRETE THICKNESS (mm)	EFFECTIVE ANCHORAGE DEPTH (mm)	MINIMUM EDGE DISTANCE (mm)	MINIMUM SPACING (mm)	RECOMMENDED TENSILE FORCE (KN)	RECOMMENDED SHEAR FORCE (KN)	PULL-OUT TEST LOAD (KN)
BD-AF 149	"HILTI" HST3-R M10	120	60	45	40	4.00	8.40	1.5x4.00= 6.00
BD-AF 149	"HILTI" HST3-R M12	140	70	55	50	6.70	12.2	1.5x6.70= 10.05

## (i) ALUM STUD BOLT:

ALL ALUMINIUM STUD BOLT TO BE ALLOY 5754-H22 (ALMg3) COMPLY WITH BS EN 14555:2014

## (j) TYPICAL ALUM. PANEL W/ PANEL STIFFENER (GRADE 3003-H14)



## (k) GLASS PANEL

ALL GLASS PANEL DESIGN SHALL BE COMPLIED WITH BS 6262

IMPACT TEST OF TEMPERED GLASS SHALL BE COMPLIED WITH BS 6206.

ALL GLASS PANEL QUALITY SHALL BE COMPLIED WITH ASTM C104B.

MODULUS OF ELASTICITY = 70000 MPa

DEFLECTION LIMIT = SPAN/60

ALLOWABLE STRESS

- INSULATED GLAZING UNIT (UNFACTORED LOAD)

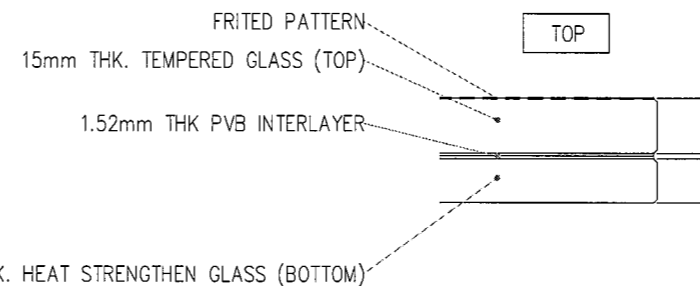
SURFACE COMPRESSIVE STRENGTH OF ALL GLASS TYPE SHOULD NOT LESS THAN 69MPa.

HEAT SOAK TEST OF TEMPERED GLASS SHALL BE CARRIED OUT ACCORDING TO PNAP APP-37 & BS EN 14179.

GLASS PANEL USE FOR CANOPY AT KINDERGARTEN:

12mm THK. HEAT STRENGTHENED GLASS + 1.52mm THK POLYVINYL BUTRAL INTERLAYER (PVB) + 15mm THK CLEAR TEMPERED LAM. GLASS

TYPICAL PANEL SIZE: 1432(W) X 1559.8(L) mm (Max Size)



## (l) SILICONE SEALANT

ALL SEALANT SHALL BE COMPLIED WITH BS 6213:2000 AND BS 3712.

DOW CORNING 791 TO BE USED AS WEATHER SEALANT BETWEEN MATERIAL OF ALUMINIUM/ALUMINIUM, GLASS/GLASS & ALUMINIUM/GLASS.

## (m) SETTING BLOCK

SETTING BLOCKS SHALL BE DENSE EXTRUDED NEOPRENE OR SILICON COMPATIBLE RUBBER WITH A HARDNESS OF 85'+/-5' SHORE A.

A MIN. LENGTH OF 150 mm OR 0.125 X GLASS WIDTH BETWEEN EDGE OF GLASS AND EDGE OF SETTING BLOCK.

A MIN. WIDTH CORRESPOND TO THE GLASS THICKNESS & LOCATED AT GLASS QUARTER POINTS EVENLY SUPPORTED.

## (n) PROPRIETARY PAINT

FOR ALL VISUAL (SPECIFIED ON DRAWING DETAIL) GMS MEMBER SHOULD APPLY SURFACE COATING : PPG PVF2 (3 COATING) COLOR IN LIGHT GRAY COLOR (FOR VISUAL SURFACE)

FOR ALL VISUAL (SPECIFIED ON DRAWING DETAIL) ALUM MEMBER SHOULD APPLY SURFACE COATING : PPG PVF2 (3 COATING) COLOR IN LIGHT GRAY COLOR (FOR VISUAL SURFACE)

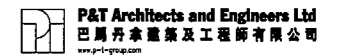
FOR ALL VISUAL (SPECIFIED ON DRAWING DETAIL) ALUM CLADDING SHOULD APPLY SURFACE COATING : PPG PVF2 (3 COATING) COLOR IN LIGHT GRAY COLOR (FOR VISUAL SURFACE)

B.D. REF : 3/7192/97/4(C1)

CLIENT :



ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE ENGINEER :



NOTE :

- ALL DIMENSIONS ARE IN mm.
- ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
- 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

NO.	DATE	REVISED	BY
D	04-JUNE-2018	4TH SUBMISSION (RESUBMISSION)	CF
C	11-MAY-2018	4TH SUBMISSION	CF
B	13-APR-2018	3RD SUBMISSION	CF
A	07-DEC-2017	2ND SUBMISSION	CF
-	09-OCT-2017	INITIAL DRAWING	CF

JOB NO. : J-836

PROJECT :

PROPOSED SITE C1  
 DEVELOPMENT AT AREA 86,  
 TKOTL 70 RP, TSEUNG KWAN O,  
 NEW TERRITORIES

TITLE :

GENERAL NOTES

DATE : 11-MAY-2018

SCALE : NTS

DRAWN BY : C.F

CHECKED BY : M.K



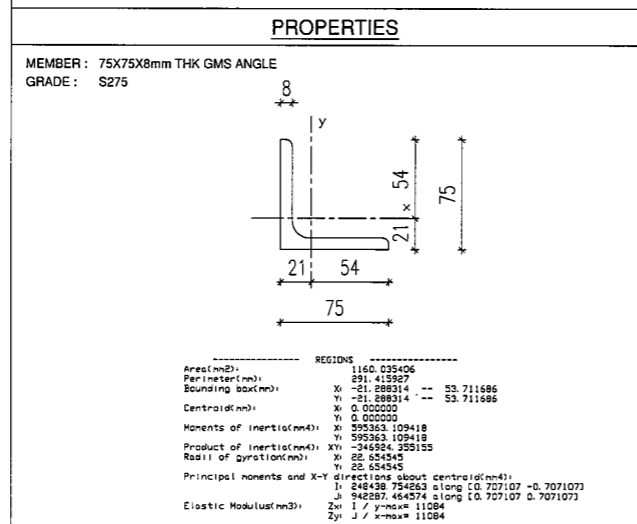
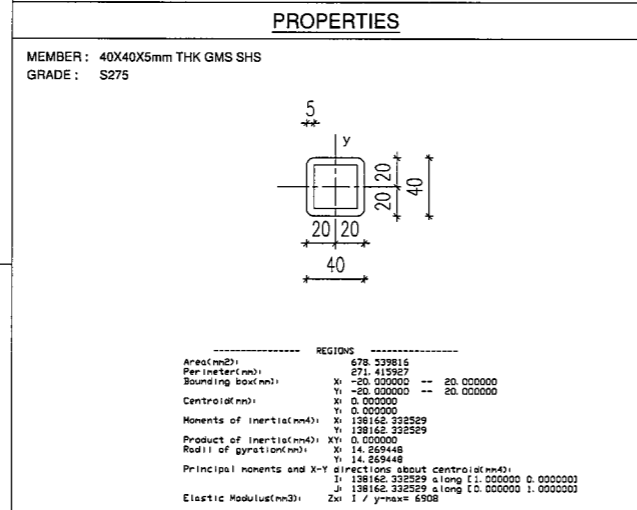
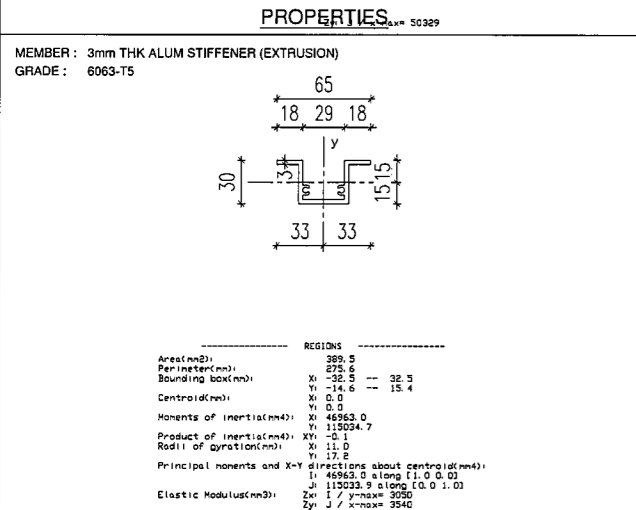
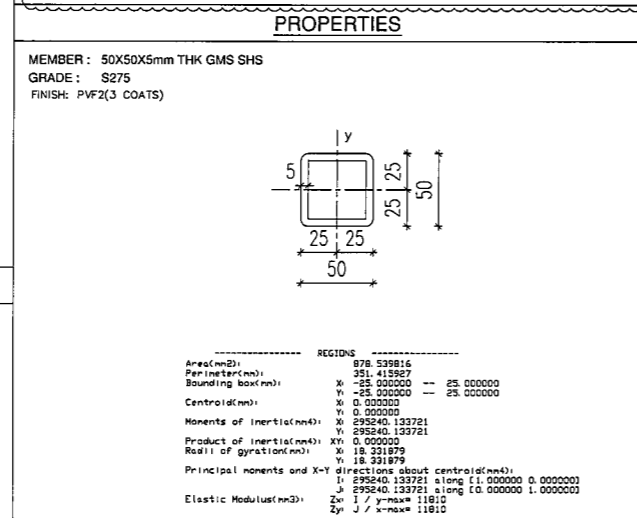
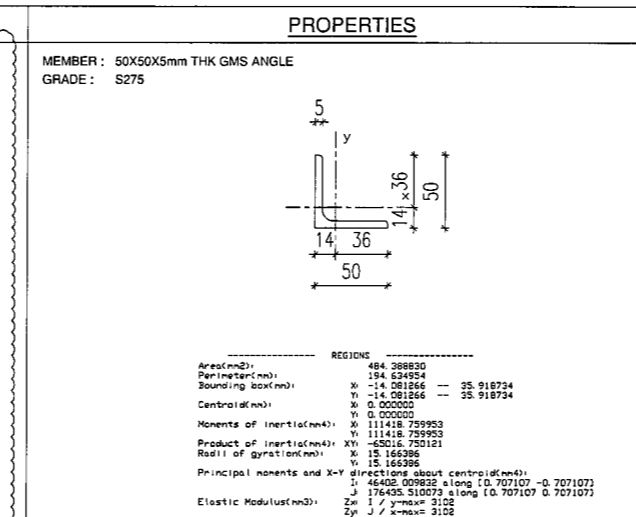
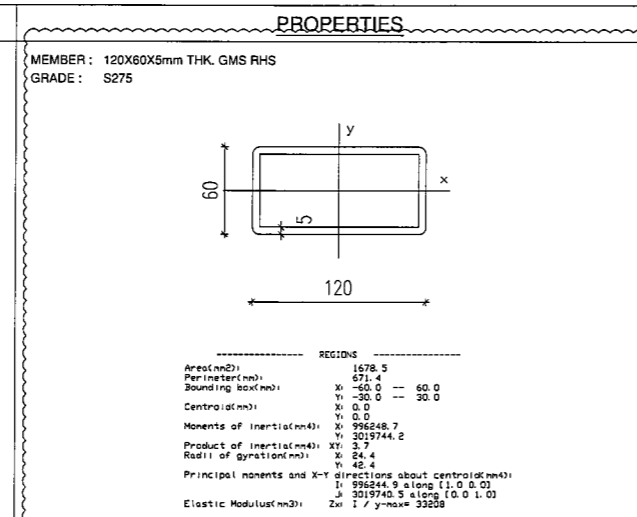
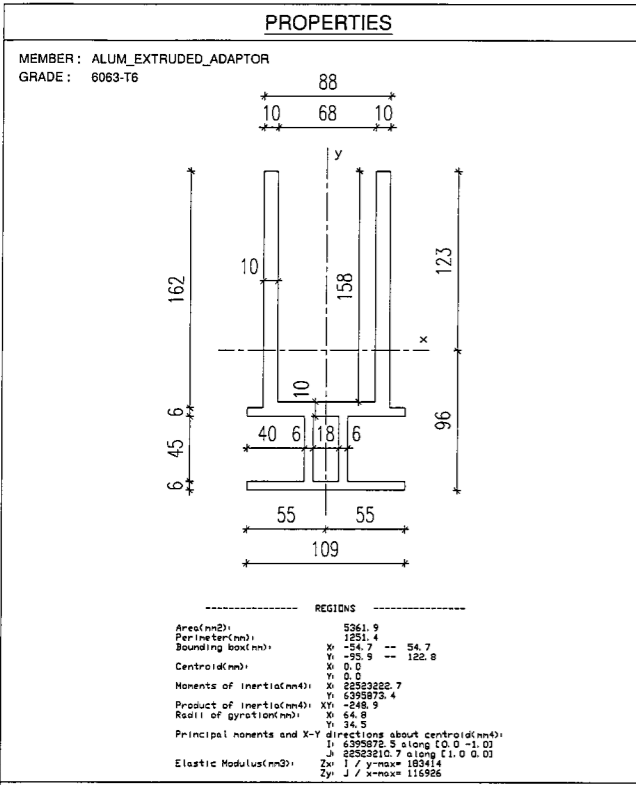
Units 6-8, Sunray Industrial Centre, 1/F

610 Cho Kwo Ling Road, Kowloon

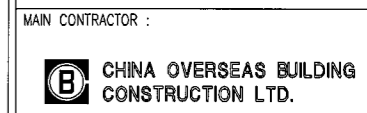
Tel: 23489211-4 Fax: (852) 2727666

DWG NO. : J836-GCK-0002

REV. : D



B.D. REF : 3/7192/97/4(C1)



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A	13-APR-2018	3RD SUBMISSION	CF
A	07-DEC-2017	2ND SUBMISSION	CF
-	09-OCT-2017	INITIAL DRAWING	CF

JOB NO. : J-836

PROJECT : PROPOSED SITE C1 DEVELOPMENT AT AREA 86, TKOTL 70 RP, TSEUNG KWAN O, NEW TERRITORIES

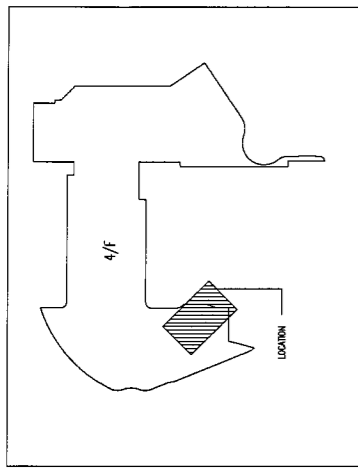
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DATE : 11-MAY-2018 SCALE : 1:5

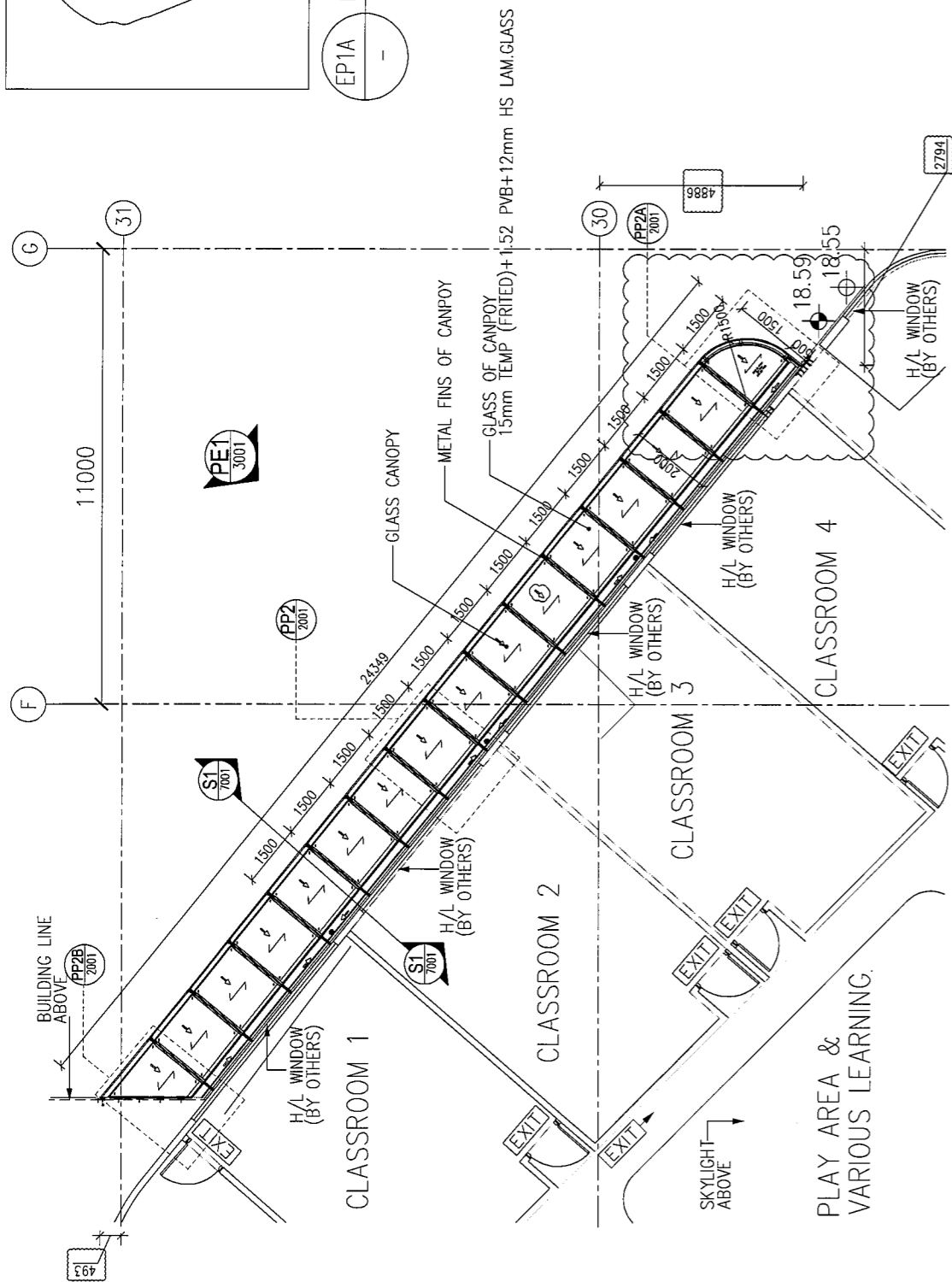
DRAWN BY : C.F CHECKED BY : M.K



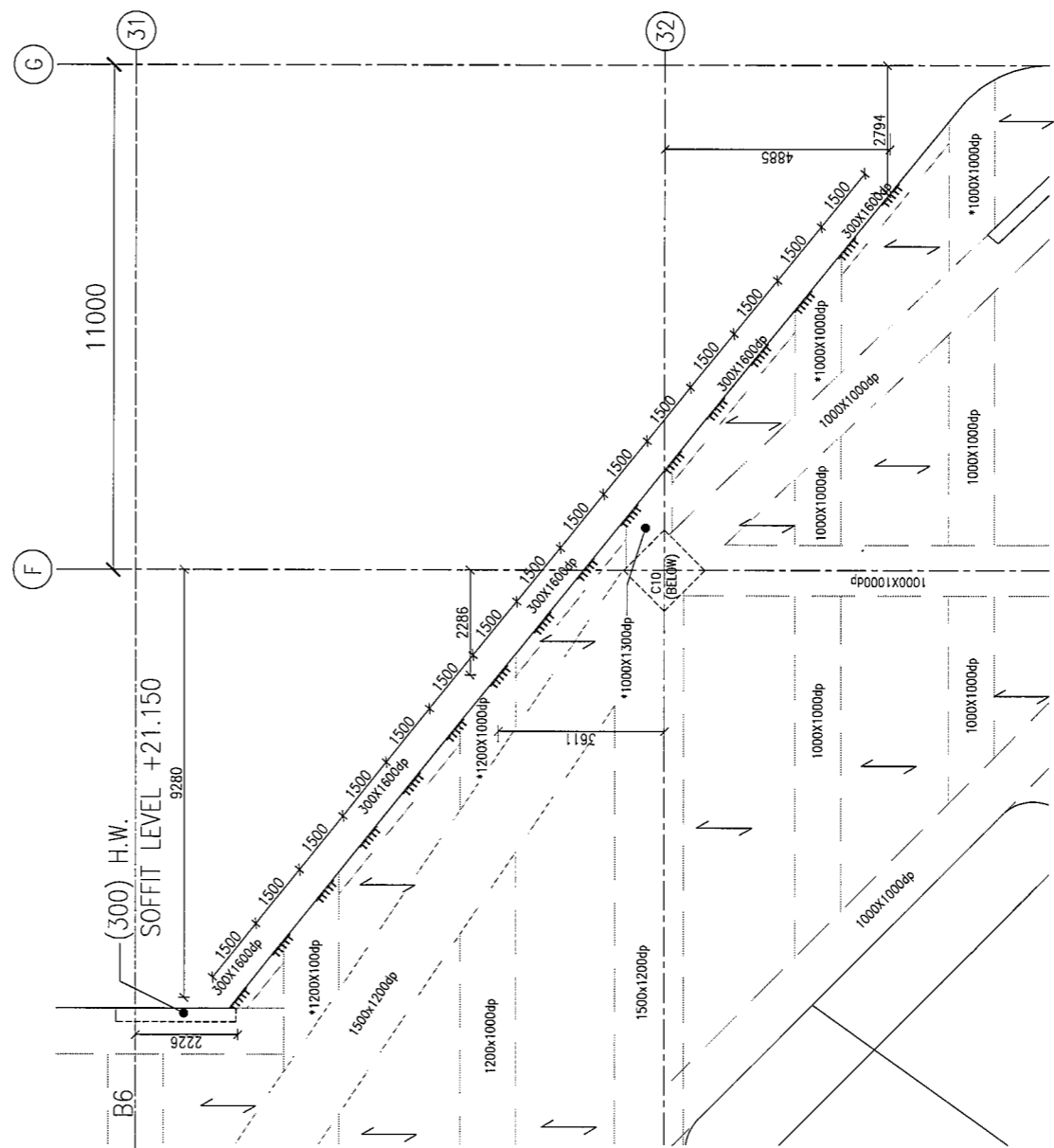
DWG NO. : JB36-GCK-0003 REV. : B



EP1A  
—



PP1 PART PLAN LAYOUT @ 3/F  
1001 GLASS CANOPY AT KINDERGARTEN



PP2 EMBED LAYOUT PLAN (4/F FRAMING BELOW)  
1001 GLASS CANOPY AT KINDERGARTEN

B.D. REF :

CLIENT :



ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE ENGINEER :



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B	13-APR-2018	3RD SUBMISSION	CF
A	07-DEC-2017	2ND SUBMISSION	CF
-	08-OCT-2017	INITIAL DRAWING	CF

JOB NO. : J-836

PROJECT : PROPOSED SITE C1  
DEVELOPMENT AT AREA B6,  
TKOTL 70 RP, TSEUNG KWAN O,  
NEW TERRITORIES

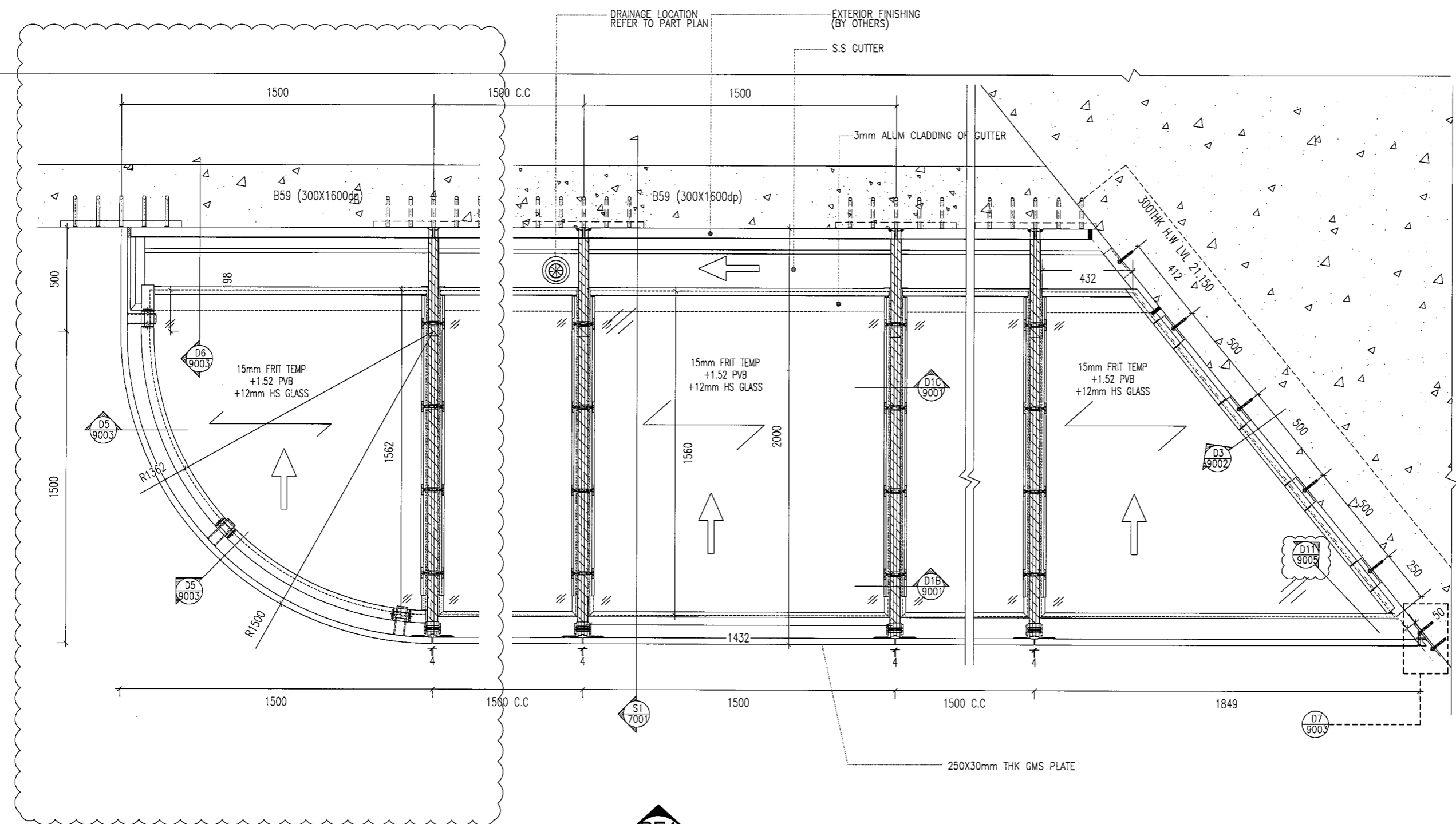
TITLE : PART PLAN LAYOUT  
FOR GLASS CANOPY  
AT KINDERGARTEN (4/F)

DATE : 11-MAY-2018 SCALE : 1:150

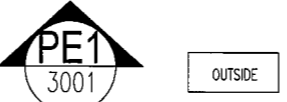
DRAWN BY : C.F CHECKED BY : M.K

**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. : J836-GCK-1001 REV. : D



PP2A PART PLAN (END BAY)  
2001 TOP VIEW



PP2 PART PLAN (TYPICAL BAY)  
2001 TOP VIEW

PP2B PART PLAN (END BAY)  
2001 TOP VIEW

CLIENT : **MTR**

ARCHITECT : **P&T Architects and Engineers Ltd**  
巴爾丹拿建築及工程師有限公司

MAIN CONTRACTOR : **CHINA OVERSEAS BUILDING CONSTRUCTION LTD.**

STRUCTURAL ENGINEER : **ARUP**

FACADE ENGINEER : **MEIN-HARDT**

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	REVISED	BY
D	04-JUNE-2018	4TH SUBMISSION (RESUBMISSION)	CF
C	11-MAY-2018	4TH SUBMISSION	CF
B	13-APR-2018	3RD SUBMISSION	CF
A	07-DEC-2017	2ND SUBMISSION	CF
-	09-OCT-2017	INITIAL DRAWING	CF

JOB NO. : J-836

PROJECT : PROPOSED SITE C1  
DEVELOPMENT AT AREA 86,  
TKOTL 70 RP, TSEUNG KWAN O,  
NEW TERRITORIES

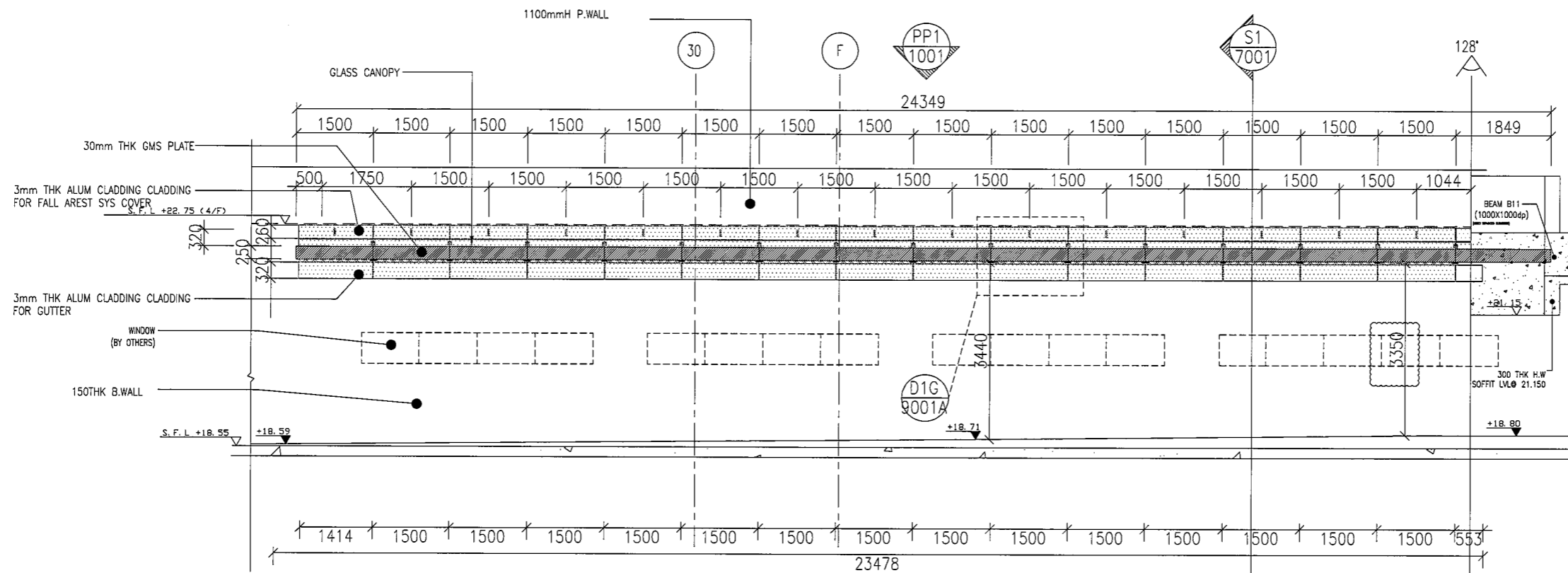
TITLE : PART PLAN FOR GLASS CANOPY  
AT KINDERGARTEN

DATE : 11-MAY-2018 SCALE : 1:20

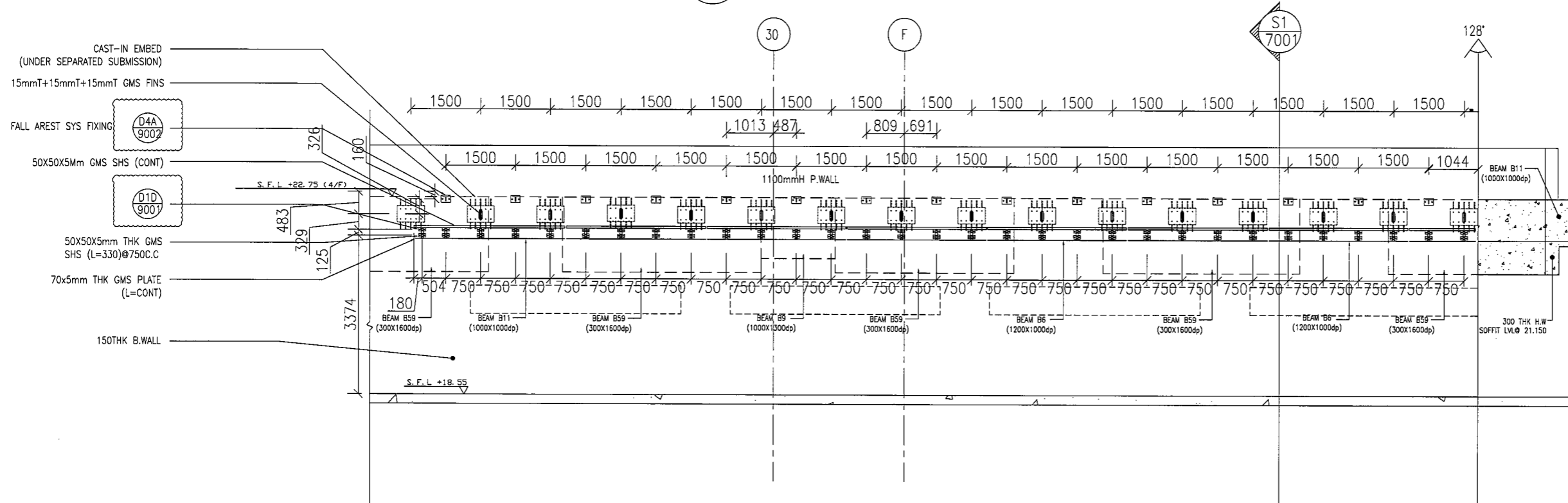
DRAWN BY : C.F CHECKED BY : M.K

**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

REMARK: ALL RC INFORMATION UNDER SEPERATE SUBMISSION



PE1 PARTIAL ELEV.  
3001 FOR GLASS CANOPY AT KINDERGARTEN



PE2 ARRANGEMENT OF FIXING MEMBER  
3001 FOR GLASS CANOPY AT KINDERGARTEN

CLIENT : **MTR**

ARCHITECT : **P&T Architects and Engineers Ltd**  
巴利丹拿建築及工程師有限公司

MAIN CONTRACTOR : **CHINA OVERSEAS BUILDING CONSTRUCTION LTD.**

STRUCTURAL ENGINEER : **ARUP**

FAÇADE ENGINEER : **MEIN-HARDT**

NOTE :

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(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

30mm THK GMS PLATE  
3mm THK ALUM CLADDING

C	10-MAY-2018	4TH SUBMISSION	CF
B	13-APR-2018	3RD SUBMISSION	CF
A	07-DEC-2017	2ND SUBMISSION	CF
-	09-OCT-2017	INITIAL DRAWING	CF
NO.	DATE	REVISED	BY

JOB NO. : J-836

PROJECT : PROPOSED SITE C1 DEVELOPMENT AT AREA 86, TKOTL 70 RP, TSEUNG KWAN O, NEW TERRITORIES

TITLE : PART ELEVATION FOR GLASS CANOPY AT KINDERGARTEN

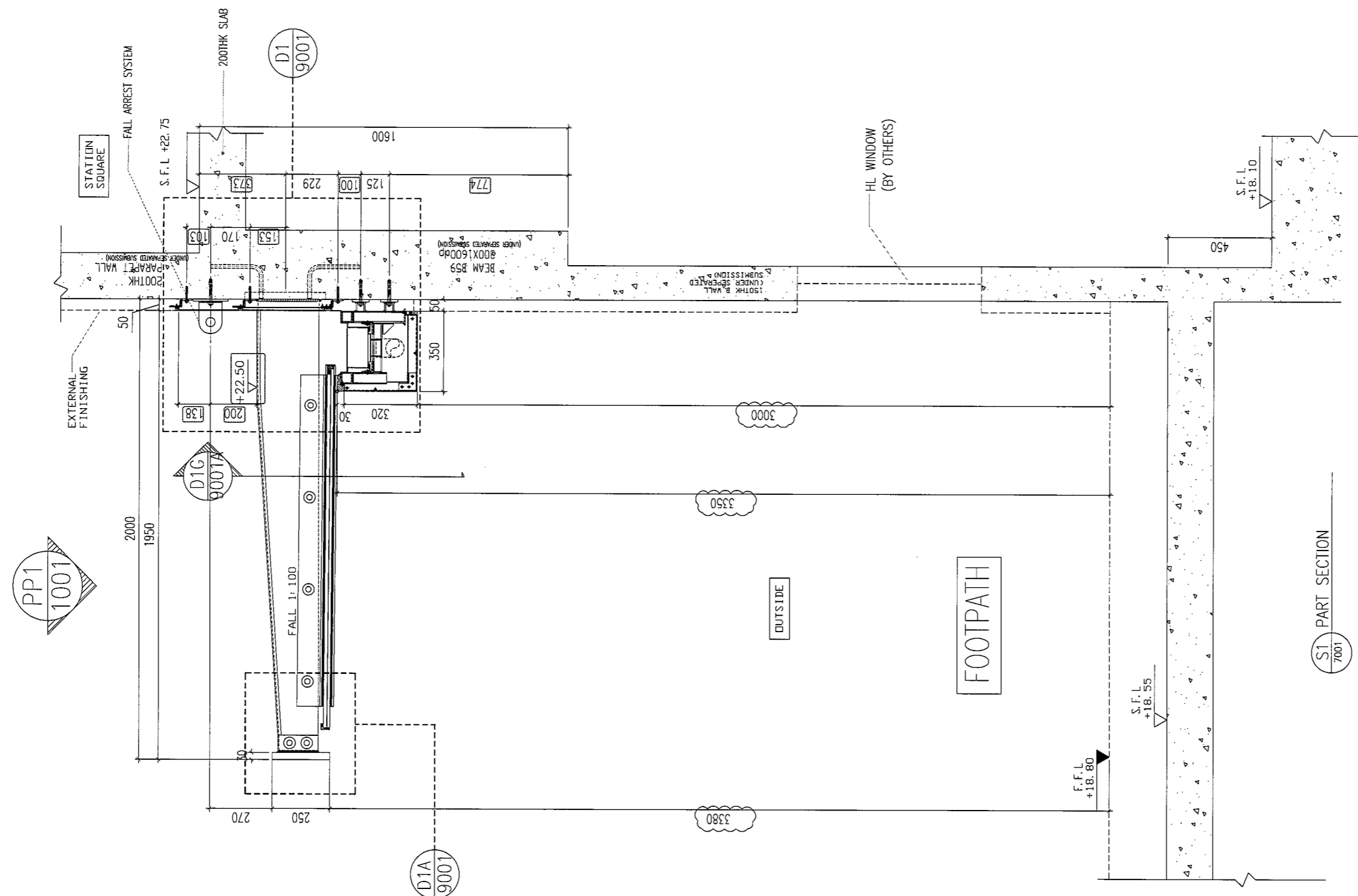
DATE : 11-MAY-2018 SCALE : 1:100

DRAWN BY : C.F CHECKED BY : M.K

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MIDI ALUMINIUM FABRICATOR LTD.  
Units 6-8, Sunray Industrial Centre, 1/F  
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Tel: 23489211-4 Fax: (852) 2727666

DWG NO. : JB36-GCK-3001 REV. : C


REMARK: ALL RC INFORMATION UNDER SEPERATE SUBMISSION



B.D. REF : 3/7192/97/4(C1)

CLIENT :  

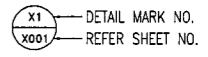

ARCHITECT :  
  
 P&T Architects and Engineers Ltd  
 巴利丹拿建築及工程師有限公司  
 www.p-t-group.com

MAIN CONTRACTOR :  
  
 CHINA OVERSEAS BUILDING  
 CONSTRUCTION LTD.

STRUCTURAL ENGINEER :  


FACADE ENGINEER :  


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LEGEND :  
  
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 2. S.F.L. --- STRUCTURAL FLOOR LEVEL  
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NO.	DATE	REVISED	BY
D	04-JUNE-2018	4TH SUBMISSION (RESUBMISSION)	CF
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B	13-APR-2018	3RD SUBMISSION	CF
A	07-DEC-2017	2ND SUBMISSION	CF
-	09-OCT-2017	INITIAL DRAWING	CF

JOB NO. : J-836  
 PROJECT :  
 PROPOSED SITE C1  
 DEVELOPMENT AT AREA 86,  
 TKOTL 70 RP, TSEUNG KWAN O,  
 NEW TERRITORIES

TITLE :  
 TYPICAL SECTION  
 FOR GLASS CANOPY AT KINDERGARTEN

DATE : 11-MAY-2018 SCALE : 1:20  
 DRAWN BY : C.F CHECKED BY : M.K

  
 MIDI ALUMINIUM FABRICATOR LTD.  
 Units 6-8, Sunray Industrial Centre, 1/F  
 610 Cha Kwo Ling Road, Kowloon  
 Tel: 23489211-4 Fax: (852) 2772666


DWG NO. : J836-GCK-7001 REV. : D



B.D. REF : 3/7192/97/4(C1)

CLIENT :  

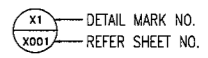

ARCHITECT :  
  
 P&T Architects and Engineers Ltd  
 巴爾丹拿建築及工程師有限公司  
 www.p-t-group.com

MAIN CONTRACTOR :  
  
 CHINA OVERSEAS BUILDING CONSTRUCTION LTD.

STRUCTURAL ENGINEER :  


FACADE ENGINEER :  


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

B	04-JUNE-2018	4TH SUBMISSION (RESUBMISSION)	CF
A	11-MAY-2018	4TH SUBMISSION	CF
-	13-APR-2018	INITIAL DRAWING	CF
NO.	DATE	REVISED	BY

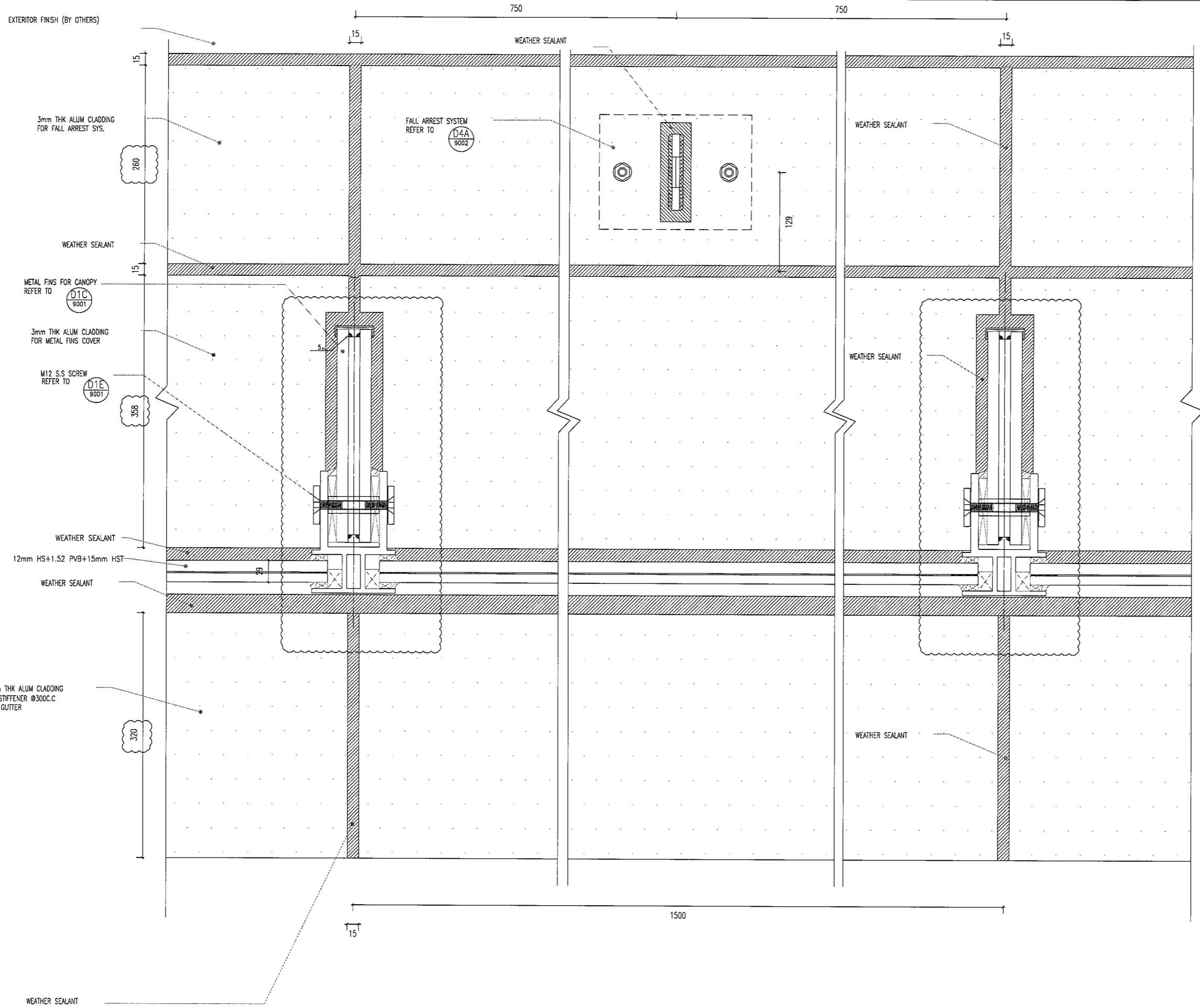
JOB NO. : J-836  
 PROJECT : PROPOSED SITE C1 DEVELOPMENT AT AREA 86, TKOTL 70 RP, TSEUNG KWAN O, NEW TERRITORIES

TITLE : TYPICAL DETAIL FOR GLASS CANOPY AT KINDERGARTEN

DATE : 11-MAY-2018 SCALE : 1:5  
 DRAWN BY : C.F. CHECKED BY : M.K.

  
 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. : J836-GCK-9001A REV. : B



D1C TYPICAL DETAIL  
 9001A ELEV VIEW

CLIENT :



ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE ENGINEER :



- NOTE :
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LEGEND :

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- (X001) -- REFER SHEET NO.

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

NO.	DATE	REVISED	BY
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B	13-APR-2018	3RD SUBMISSION	CF
A	07-DEC-2017	2ND SUBMISSION	CF
-	09-OCT-2017	INITIAL DRAWING	CF

JOB NO. : J-836  
 PROJECT : PROPOSED SITE C1 DEVELOPMENT AT AREA B6, TKOTL 70 RP, TSEUNG KWAN O, NEW TERRITORIES

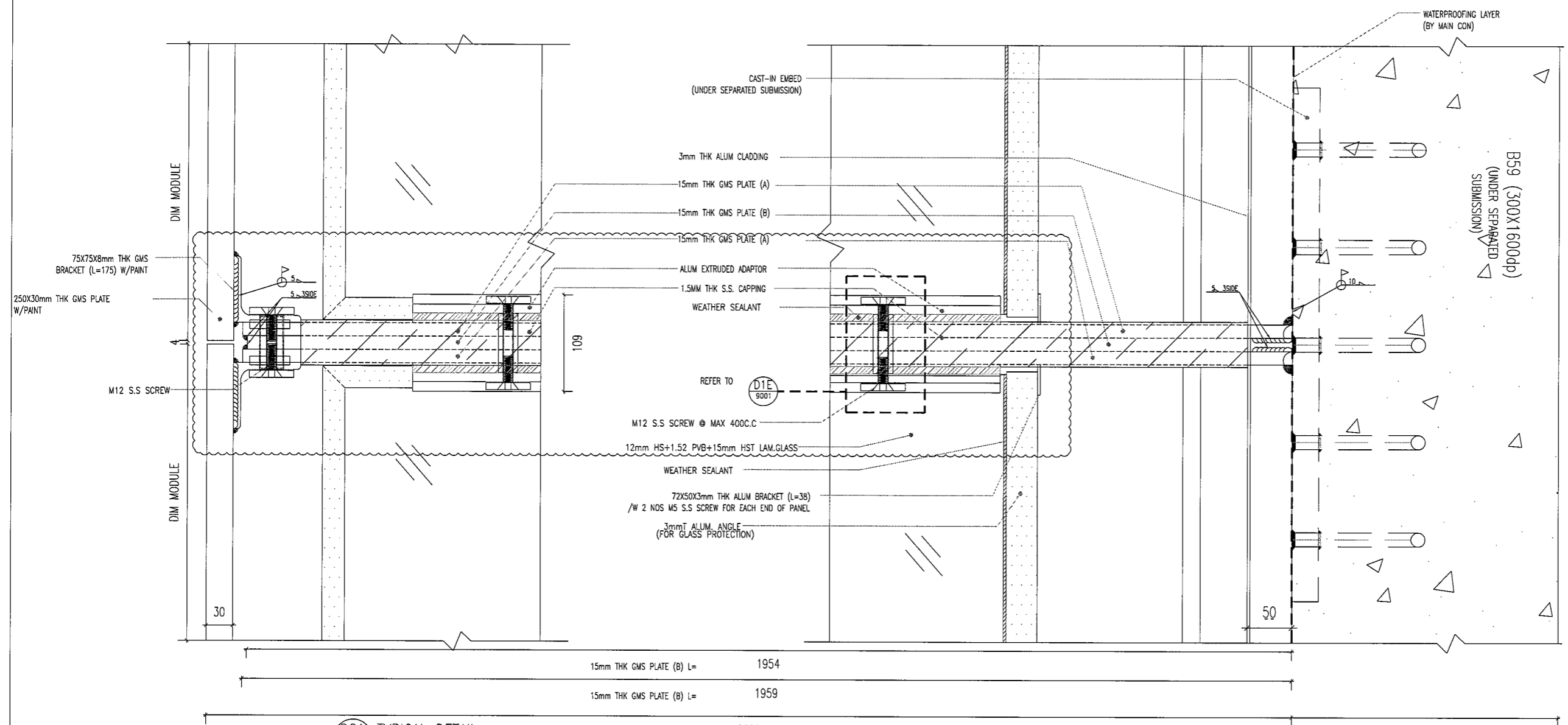
TITLE : TYPICAL DETAIL FOR GLASS CANOPY AT KINDERGARTEN

DATE : 11-MAY-2018 SCALE : 1:5

DRAWN BY : C.F CHECKED BY : M.K

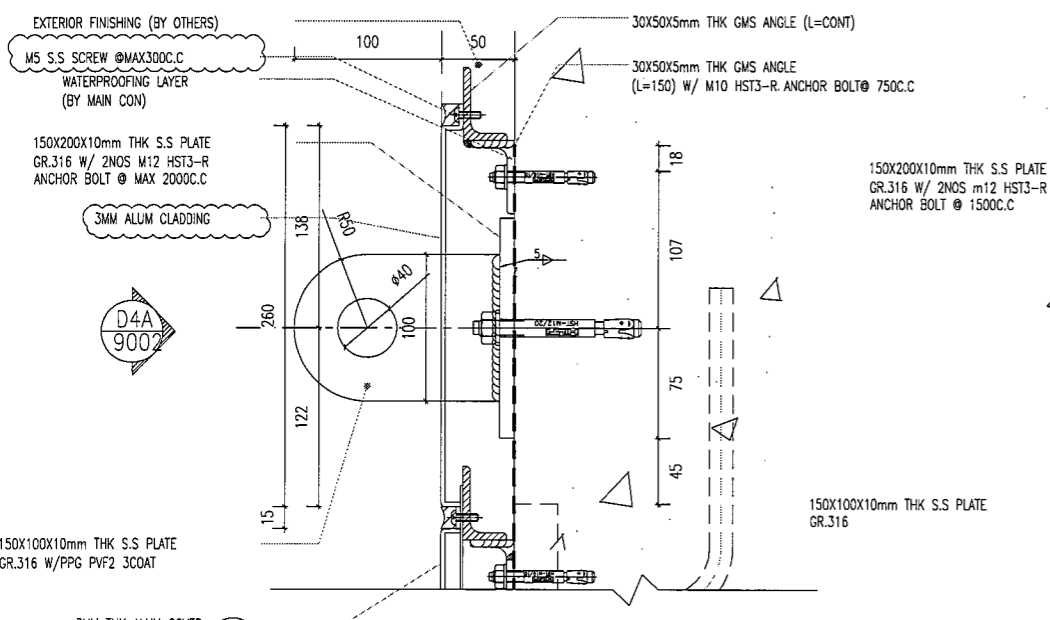
**美特鋁質有限公司**  
 MIDI ALUMINIUM FABRICATOR LTD.  
 Units 6-8, Sunray Industrial Centre, 1/F  
 610 Cho Kwo Ling Road, Kowloon  
 Tel: 23489211-4 Fax: (852) 27727666

DWG NO. : J836-GCK-9002 REV. : C

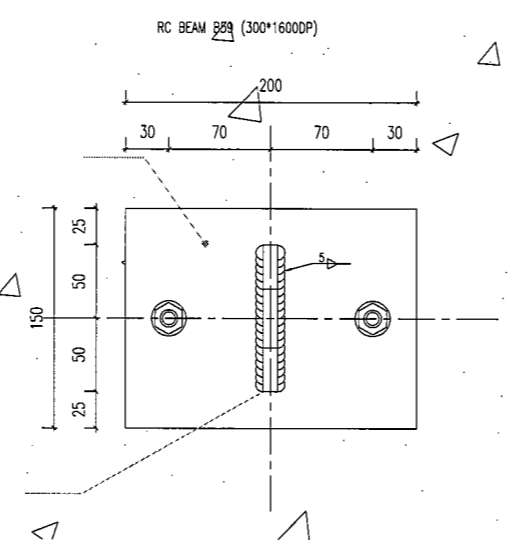


D2A TYPICAL DETAIL 9002 PLAN VIEW

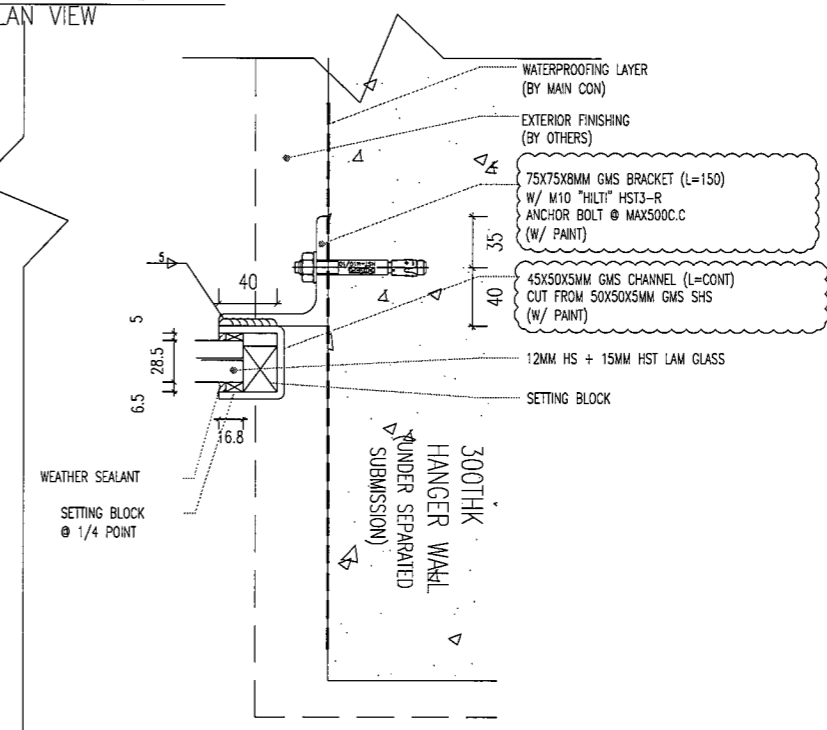
D2 TYPICAL DETAIL 9002 PLAN VIEW



D4 TYPICAL DETAIL 9002 FALL ARREST SYSTEM (SECTION VIEW)



D4A SECTION DETAIL 9002 ELEV. VIEW



D3 TYPICAL SECTION DETAIL 9002 END BAY (SECTION VIEW)

CLIENT :



ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE ENGINEER :



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	REVISED	BY
A	04-JUNE-2018	4TH SUBMISSION (RESUBMISSION)	CF
A	11-MAY-2018	4TH SUBMISSION	CF
-	13-APR-2018	INITIAL DRAWING	CF

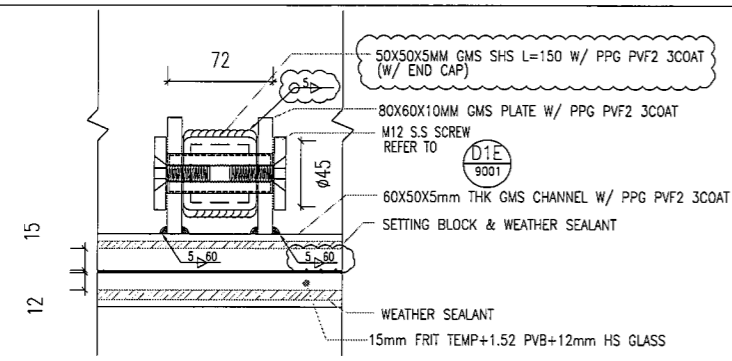
JOB NO. : J-836  
 PROJECT : PROPOSED SITE C1 DEVELOPMENT AT AREA 86, TKOTL 70 RP, TSEUNG KWAN O, NEW TERRITORIES

TITLE : TYPICAL DETAIL FOR GLASS CANOPY AT KINDERGARTEN

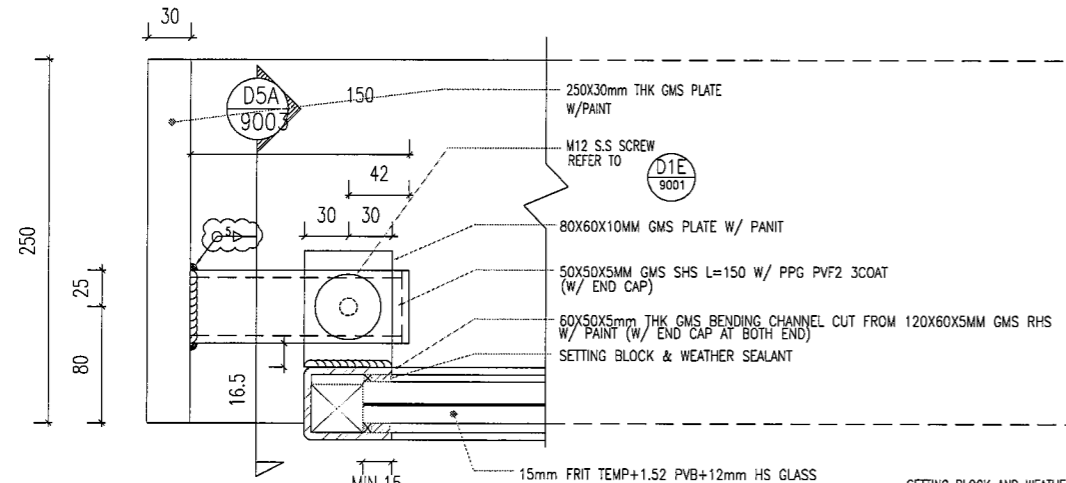
DATE : 11-MAY-2018 SCALE : 1:5  
 DRAWN BY : C.F CHECKED BY : M.K

**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  
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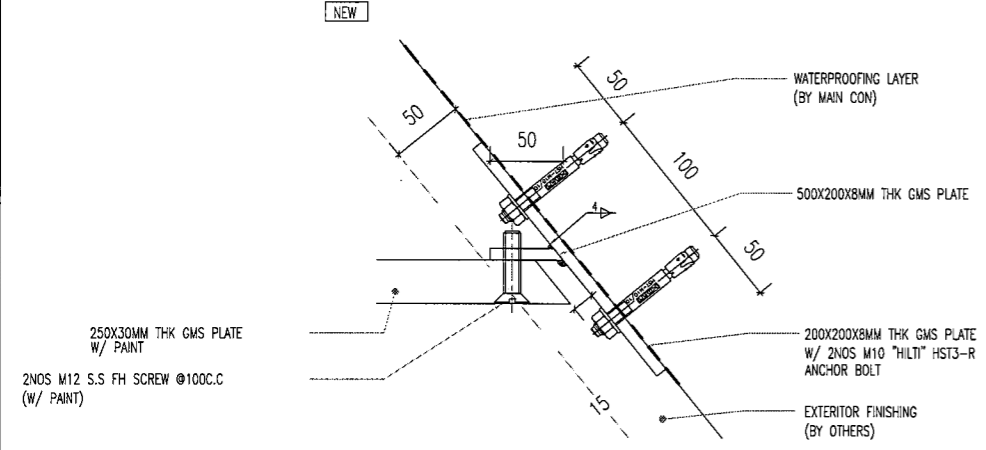
DWG NO. : J836-GCK-9003 REV. : A



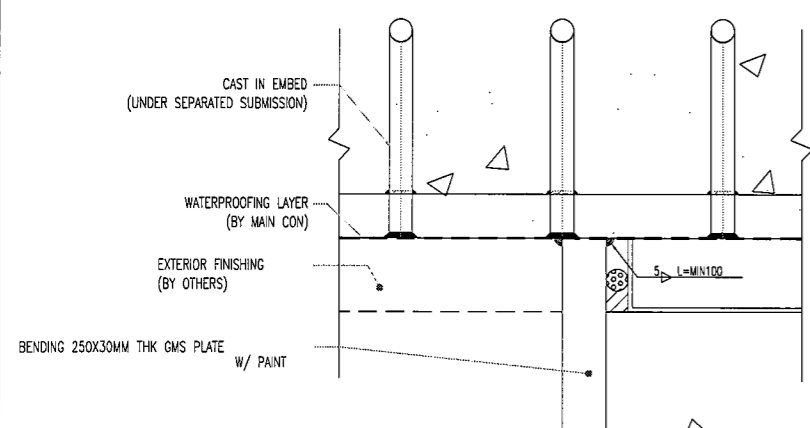
D5A SECTION DETAIL 9003 SECTION VIEW



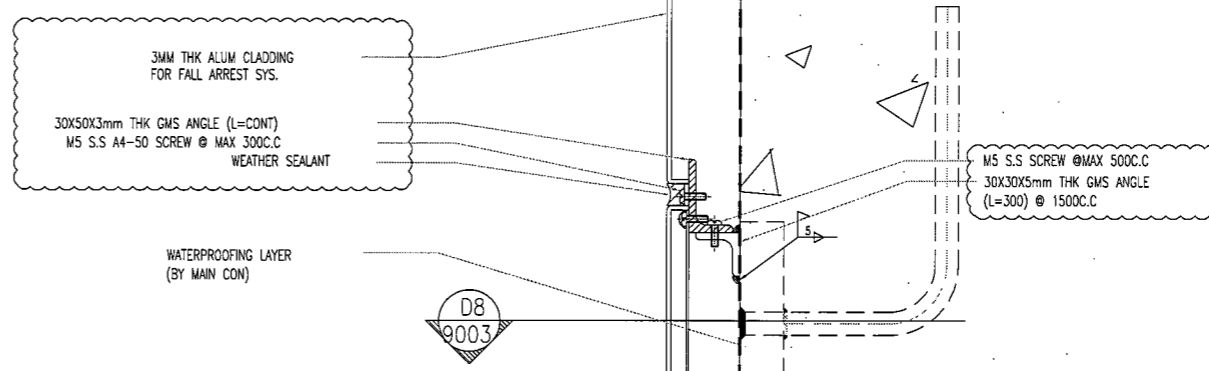
D5 TYPICAL DETAIL 9003 END BAY



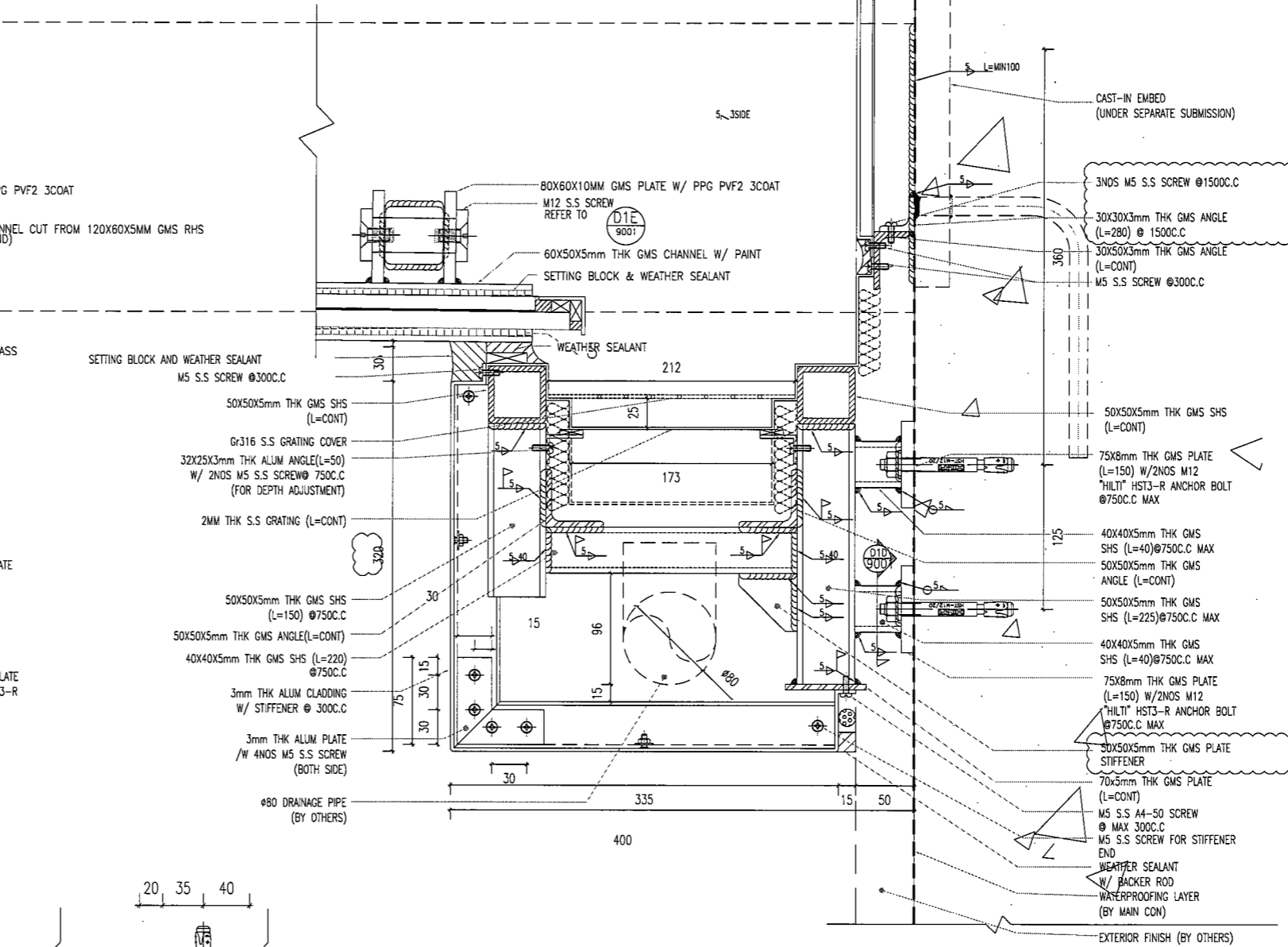
D7 SECTION DETAIL 9003 PLAN VIEW



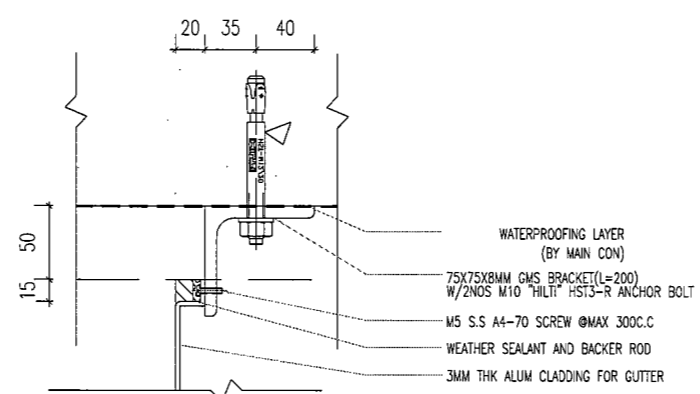
D8 TYPICAL DETAIL 9003 PLAN VIEW



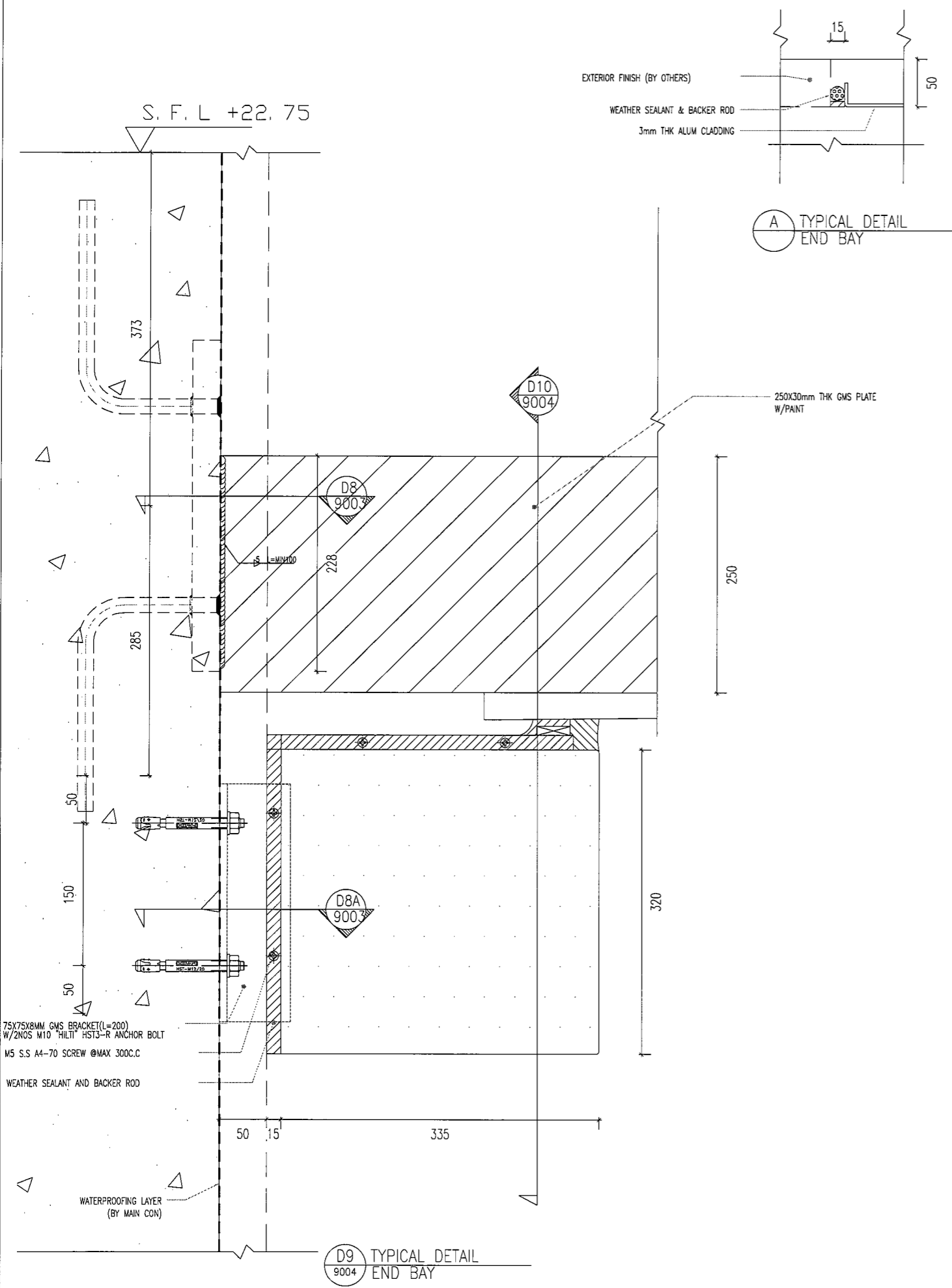
D8A TYPICAL DETAIL 9003 PLAN VIEW



D6 TYPICAL DETAIL 9003 END BAY

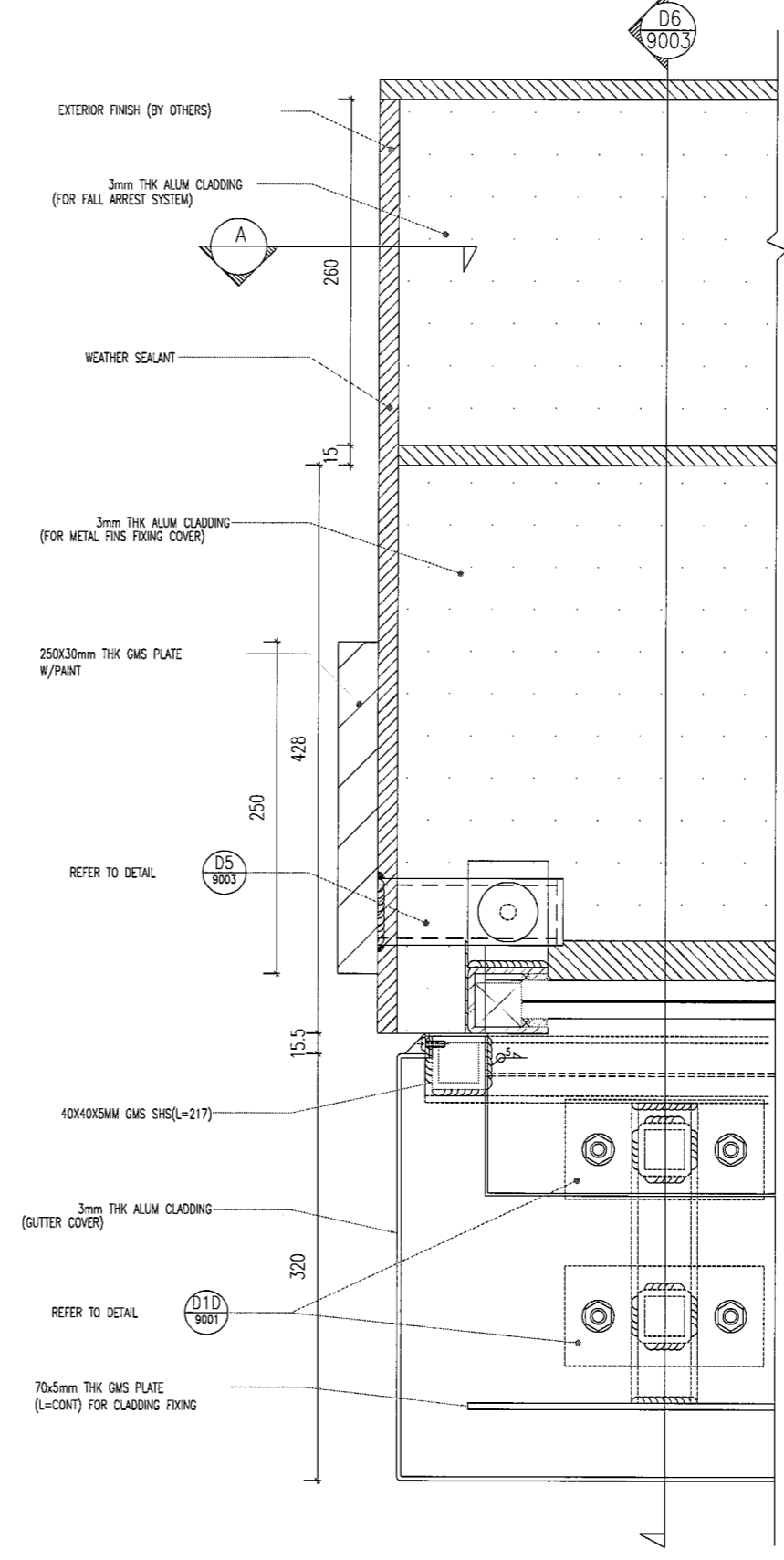


D8B TYPICAL DETAIL 9003 PLAN VIEW



A TYPICAL DETAIL END BAY

D9 TYPICAL DETAIL END BAY



D10 TYPICAL DETAIL END BAY

CLIENT : **MTR**

ARCHITECT : **P&T Architects and Engineers Ltd**  
 巴利丹拿建築及工程師有限公司  
 www.p-t.com

MAIN CONTRACTOR : **CHINA OVERSEAS BUILDING CONSTRUCTION LTD.**

STRUCTURAL ENGINEER : **ARUP**

FACADE ENGINEER : **MEINHARDT**

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

-	04-JUNE-2018	4TH SUBMISSION (RESUBMISSION)	CF
-	11-MAY-2018	4TH SUBMISSION	CF
NO.	DATE	REVISED	BY

JOB NO. : J-836

PROJECT : PROPOSED SITE C1  
 DEVELOPMENT AT AREA 86,  
 TKOTL 70 RP, TSEUNG KWAN O,  
 NEW TERRITORIES

TITLE : TYPICAL DETAIL  
 FOR GLASS CANOPY AT KINDERGARTEN

DATE : SCALE : 1:5

DRAWN BY : C.F. CHECKED BY : M.K.

**美特鋁質有限公司**  
**MIDI ALUMINIUM FABRICATOR LTD.**  
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 610 Cha Kwo Ling Road, Kowloon  
 Tel:23489211-4 Fax:(852)2772666

DWG NO. : J836-GCK-9004 REV. : -

CLIENT :



ARCHITECT :



MAIN CONTRACTOR :



STRUCTURAL ENGINEER :



FACADE ENGINEER :



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LEGEND :

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- X001 - REFER SHEET NO.

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

NO.	DATE	REVISED	BY
-	04-JUNE-2018	4TH SUBMISSION (RESUBMISSION)	CF
-	11-MAY-2018	4TH SUBMISSION	CF

JOB NO. : J-836

PROJECT : PROPOSED SITE C1  
DEVELOPMENT AT AREA 86,  
TKOTL 70 RP, TSEUNG KWAN O,  
NEW TERRITORIES

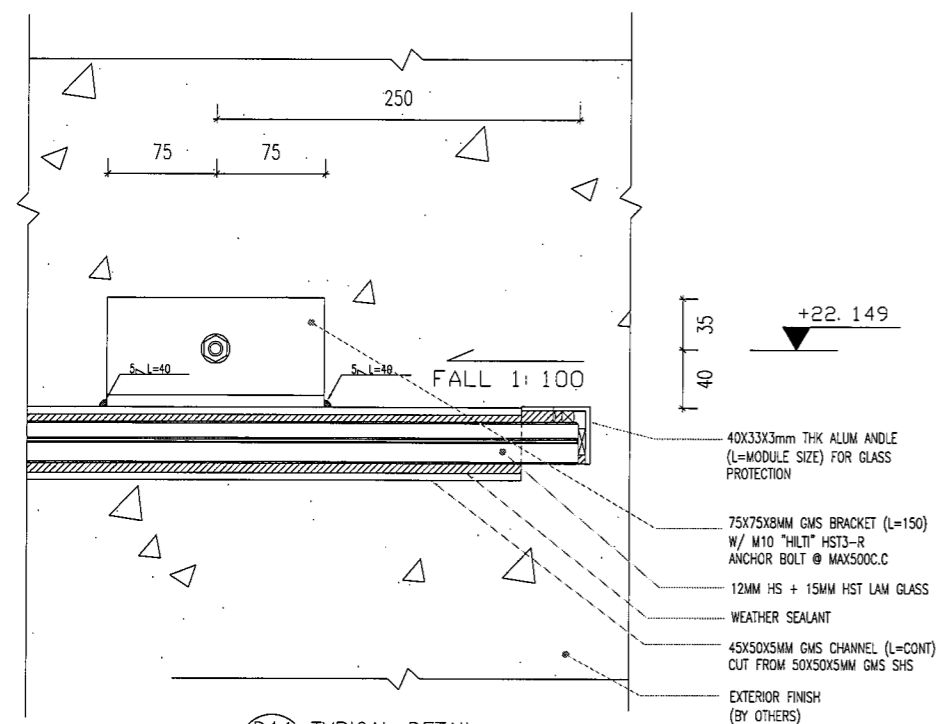
TITLE : TYPICAL DETAIL  
FOR GLASS CANOPY AT KINDERGARTEN

DATE : 11-MAY-2018 SCALE : 1:5

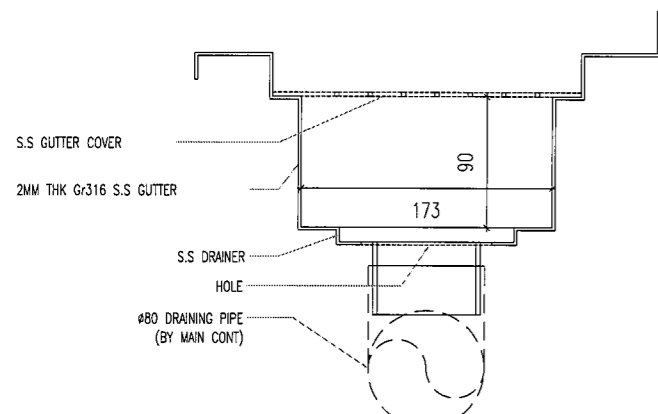
DRAWN BY : C.F. CHECKED BY : M.K.

**美特鋁質有限公司**  
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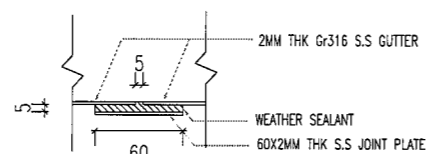
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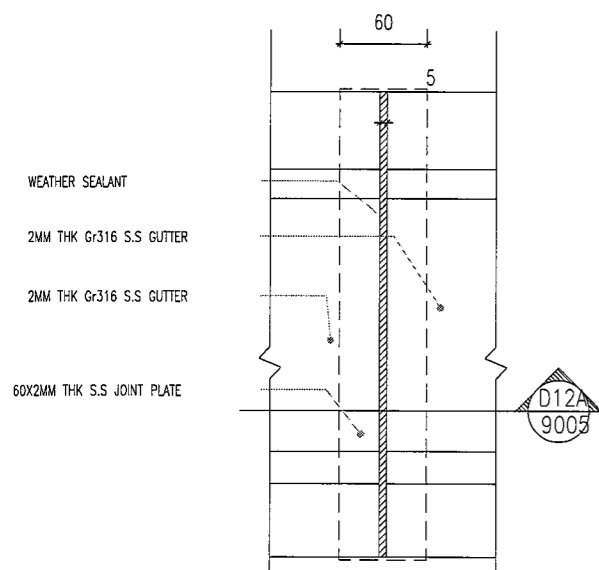
D11 TYPICAL DETAIL  
9005 END BAY



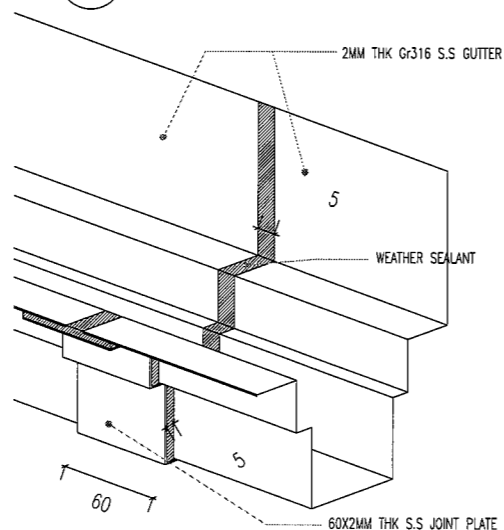
D12 TYPICAL DETAIL  
9005 GUTTER DRAINER



D12A TYPICAL DETAIL  
9005 GUTTER JOINT



D12 TYPICAL DETAIL  
9005 GUTTER JOINT



X 9005 ISOMATIC VIEW (FOR INFORMATION ONLU)  
9005 GUTTER JOINT