



工程指示 / 要求簡箋(E.I.)

工程指示編號：EI/2450

修改版次：-

工程編號：J851

工程名稱：青衣明翹匯住宅

工程項目：鋁桁架CAD電腦圖

收件人：生統

發件人：Leung Hin Wai

日期：18/9-2020

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：

請查收鋁桁架CAD電腦圖。

請在_____前完成上列要求。

附：-

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：

HK 2127

發件人簽署：

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項目經理簽署：

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PROJECT :

**RESIDENTIAL DEVELOPMENT AT
TSING YI TOWN LOT 190
SAI SHAN ROAD**

7

**SHOP DRAWING OF ALUM. GRILLE FOR A/C PLATFORM
(TOWER 1 / 1A AND TOWER 2 / 2A)
DATE : 21 - September - 2020**

 **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. : J851-AG-000

REV. : -

FILE NAME:

GENERAL NOTES:

1. DESIGN CODES AND REFERENCE :

- 1.1. HONG KONG BUILDING (CONSTRUCTION) REGULATIONS 1990.
- 1.2. CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004.
- 1.3. CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011.
- 1.4. CODE OF PRACTICE FOR STRUCTURAL USE OF CONCRETE 2013.
- 1.5. BS8118 – THE STRUCTURAL USE OF ALUMINIUM, PART 1 – 1991.(EXCEPT FOR PARTIAL LOAD FACTOR OF WIND = 1.4)
- 1.6. PRACTICE NOTE FOR AUTHORIZED PERSONS REGISTERED STRUCTURAL ENGINEERS AND REGISTERED GEOTECHNICAL ENGINEERS (PNAP APP-16).

2. MATERIAL:

- 2.1. DISSIMILAR METAL CONTACT SURFACE SHOULD BE PAINTED WITH BITUMEN PAINT OR ISOLATED WITH PLASTIC SHEET TO PREVENT CORROSION.
- 2.2. **STRUCTURAL STEEL SECTION:**
ALL STRUCTURAL STEEL SECTION TO BE GRADE S275J0 CLASS 1 AND COMPLY WITH BS EN 10210 FOR HOLLOW SECTION AND BS EN 10025 FOR SECTIONS OTHER THAN HOLLOW.
DESIGN STRENGTH FOR GRADE S275 STEEL :
MINIMUM YIELD STRENGTH, $Y_s = 275 \text{ N/mm}^2$
MINIMUM ULTIMATE TENSILE STRENGTH, $U_{ts} = 430 \text{ N/mm}^2$
YOUNG'S MODULUS OF STEEL, $E = 205 \text{ kN/mm}^2$
ALL STRUCTURAL STEEL SHOULD BE APPLIED HOT-DIP GALVANIZED WITH 85 μm THICKNESS TO B.S. EN ISO 1461 : 2009 FOR CORROSION PROTECTION.

2.3. STAINLESS STEEL:

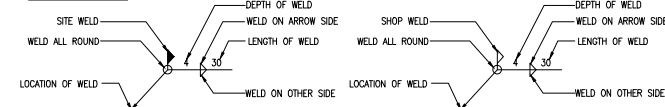
- SCREW, CONNECTION BOLT AND NUT GRADE A4-70 (TO BS EN ISO 3506 PART 1 & 2 : 1998)
- 0.2% PROOF STRENGTH, $Y_{0.2s} = 450 \text{ N/mm}^2$
 ULTIMATE TENSILE STRENGTH, $U_{ts} = 700 \text{ N/mm}^2$
 DESIGN TENSILE STRENGTH, $P_b = 360 \text{ N/mm}^2$
 DESIGN SHEAR STRENGTH, $P_q = 311 \text{ N/mm}^2$

2.4. WELDING

2.4.1. STRUCTURAL STEEL

- 1) **MATERIAL**
ALL WELD MATERIAL FOR CONNECTION BETWEEN STRUCTURAL STEEL SHALL COMPLY WITH B.S. EN ISO 2560 : 2005.
- 2) **WORKMANSHIP**
ALL STRUCTURAL STEEL WELDING SHALL COMPLY WITH BS EN 1011-1 : 1998.
- 3) FOR ALL WELDING ON SITE, FLUX RESIDUE AND SLAG SHOULD BE REMOVED AND PROTECTED WITH 2 COATS OF ZINC RICH PAINT TO B.S. 4652 : 1995.
- 4) DESIGN STRENGTH FOR STRUCTURAL STEEL WELDING = 220 MPa.
- 5) ALL WELDING OF STRUCTURAL STEEL FRAME TO BE 4mm FILLET WELDING ON TWO SIDES, MINIMUM LENGTH = 40mm AT EACH SIDE, UNLESS OTHERWISE STATED.

2.4.2. WELDING LEGEND



- 2.4.3. ALL WELDING TO BE PERFORMED BY QUALIFIED WELDERS TO BS EN 287 – PART 1 : 2004.

3.0 ALUMINIUM WORK

- 3.1 ALL ALUMINIUM EXTRUSION SHALL COMPLY WITH BS 8118 : PART 1 1991 & BS EN 755 – 2, 2008 & BS EN 573 – 3, 2009

MODULUS OF ELASTICITY $E = 70000 \text{ MPa}$

a. FOR GRADE 6063-T5

LIMITING BENDING STRESS $P_b = 110 \text{ MPa}$
 LIMITING TENSILE STRESS $P_a = 130 \text{ MPa}$
 LIMITING SHEAR STRESS $P_v = 65 \text{ MPa}$

b. FOR GRADE 6063-T6

LIMITING BENDING STRESS $P_b = 160 \text{ MPa}$
 LIMITING TENSILE STRESS $P_a = 175 \text{ MPa}$
 LIMITING SHEAR STRESS $P_v = 95 \text{ MPa}$

- 3.2 ALL ALUMINIUM CLADDING BE GRADE 3003-H14 AND 3 MM THICKNESS TO BS EN 485, PART 2, 2008 & BS EN 573 – 3, 2009

0.2% TENSILE PROOF STRENGTH $P_0 = 125 \text{ MPa}$
 ULTIMATE TENSILE STRENGTH $P_a = 145 \text{ MPa}$
 SHEAR STRENGTH $P_v = 75 \text{ MPa}$
 MODULUS OF ELASTICITY $E = 70000 \text{ MPa}$

3.3 ALUMINIUM WELD STUD

- ALUMINIUM WELD STUD SHALL BE GRADE 6082-T6 TO BS EN ISO 13918:2008. AND WELDING SHALL BE COMPLIED WITH BS EN 1011-4:2000.

0.2% TENSILE PROOF STRENGTH $P_0 = 80 \text{ MPa}$
 ULTIMATE TENSILE STRENGTH $P_a = 80 \text{ MPa}$
 LIMITING STRESS OF WELDING $P_v = 160 \text{ MPa}$

- 3.4 ALLOWABLE DEFLECTION OF ALL STRUCTURAL MEMBER TO BE L/180 OR 20mm WHICHEVER IS LESSER

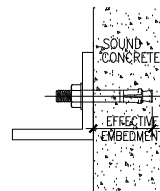
4. DESIGN WIND PRESSURE ($S_a=1.0$)

- BASIC WIND PRESSURE : 2.96 kPa (HEIGHT = 0~125m) PARTIAL LOAD FACTOR : 1.4
 WIND FORCE COEFFICIENT : -1.4/+1.0 (ELEVATION) -2.0 (UPWARD/DOWNWARD)
 DESIGN WIND PRESSURE : -4.9/+3.5 kPa (ELEVATION) $\pm 5.92 \text{ kPa}$ (UPWARD/DOWNWARD)

5. ANCHOR BOLTS (ANCHOR BOLT SHALL BE INSTALLED IN ACCORDANCE TO THE BOLT MANUFACTURER'S SPECIFICATION)

5.1 DESIGN DATA (STAINLESS STEEL TYPE/CRACKED CONCRETE)

Anchor model NO:	HLTI HST3-R M10	HLTI HST3-R M12
Minimum Embedment Length (from sound concrete surface)	60 mm	70 mm
Recommended Pull Out	6.7 kN	8.98 kN
Recommended Shear	8.4 kN	12.2 kN
Minimum Edge Distance	45 mm	55 mm
Minimum Spacing Between Bolts	40 mm	50 mm
Tested Pull Out (Recommended Pull Out x1.5)	9.0 kN	12 kN
Drill Hole Depth	73 mm	80 mm
Concrete grade	C45/50	
Influencing Factor for Concrete grade	1.34	
BD Ref:	BD-AF-149	BD-AF-149



- 5.2 TO USE COVER METER TO CHECK REBAR PRIOR TO THE INSTALLATION OF ANCHOR AND TO AVOID CLASHING WITH EXISTING REINFORCEMENT

6. REINFORCED CONCRETE (FOR INFORMATION ONLY)

- 6.1. BASE CONCRETE TO BE GRADE 45D WITH CHARACTERISTIC STRENGTH OF 45 MPa AT 28 DAYS.
- 6.2. THE MINIMUM THICKNESS OF SUPPORT R.C. WALL SHALL BE 125mm THICK.

7. ALLOW MAX. $\pm 25\text{mm}$ SPACING TOLERANCE BETWEEN ALUM. WORKS SURFACE AND CONCRETE SURFACE.

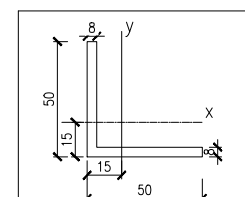
9. MEMBER SCHECLWLVE

9.1 ALUM. EXTRUSION FOR AC GRILLE

MEMBER MARK: AE02	MEMBER MARK: AE02a	MEMBER MARK: AE02b	MEMBER MARK: AE02c
MATERIAL: ALLOY 6063-T5	MATERIAL: ALLOY 6063-T5	MATERIAL: ALLOY 6063-T5	MATERIAL: ALLOY 6063-T5
AREA=414.00mm ²	AREA=504.00mm ²	AREA=1650.00mm ²	AREA=1700.00mm ²
$I_x=32917\text{mm}^4$ $I_y=105435\text{mm}^4$	$I_x=12252\text{mm}^4$ $I_y=175312\text{mm}^4$	$I_x=713286\text{mm}^4$ $I_y=1273750\text{mm}^4$	$I_x=1026335\text{mm}^4$ $I_y=1026335\text{mm}^4$
$Z_x=2351\text{mm}^3$ $Z_y=3905\text{mm}^3$	$Z_x=6128\text{mm}^3$ $Z_y=7012\text{mm}^3$	$Z_x=23009\text{mm}^3$ $Z_y=31844\text{mm}^3$	$Z_x=20527\text{mm}^3$ $Z_y=20527\text{mm}^3$

9.2 GMS SECTION

SECTION	MATERIAL
3mm G.M.S. PLATE	S275J0
8mm G.M.S. PLATE	
15mm G.M.S. PLATE	
150x70x8mm THK. G.M.S. PLATE	



50x50x8mm THK. G.M.S. ANGLE
MATERIAL: S275J0
AREA=744.00mm ²
$I=165000\text{mm}^4$
$Z=4740\text{mm}^3$

F.S.D. REF :

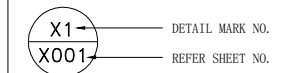
Note :

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
4. MIR. -- Mirror



B	16/05/2020	GENERAL REVISED	
A	05/03/2020	GENERAL REVISED	
NO.	DATE	REVISED	BY

CLIENT :

佳明集團控股有限公司
GRAND MING GROUP HOLDINGS LIMITED

MAIN CONTRACTOR :

GRAND TECH CONSTRUCTION CO. LTD.

ARCHITECT : **WONG TUNG & PARTNERS LIMITED**
ARCHITECTS & PLANNERS



STRUCTURAL ENGINEER :

C M WONG & ASSOCIATES LTD

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 :

RESIDENTIAL DEVELOPMENT AT
TSING YI TOWN LOT 190 SAI SHAN ROAD

TITLE :

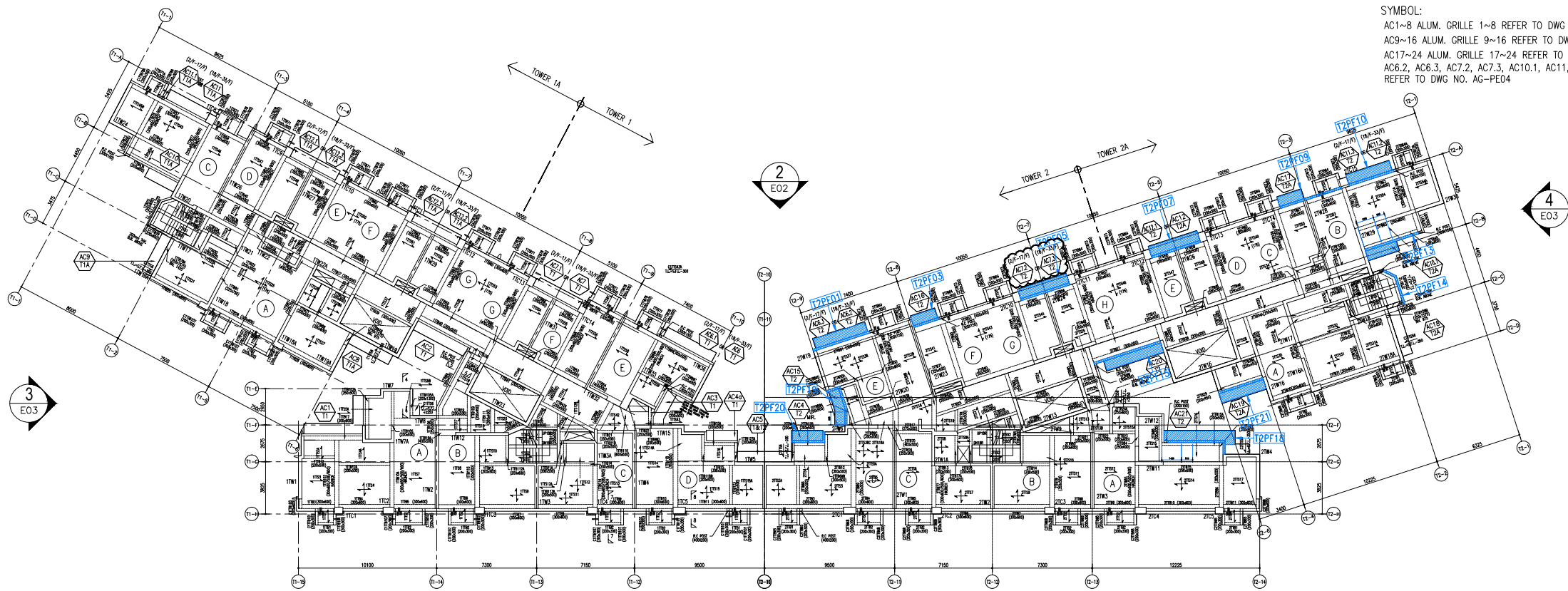
GENERAL NOTES
(AC GRILLE)

JOB NO. : J851

DRAWN BY : DL DATE : 24-02-2020

CHKD BY : SCALE A1: N.T.S.

DWG. NO. : J851-AG-GN-01 REV. : B

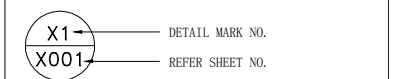


SYMBOL:
 AC1~8 ALUM. GRILLE 1~8 REFER TO DWG NO. AG-PE01
 AC9~16 ALUM. GRILLE 9~16 REFER TO DWG NO. AG-PE02
 AC17~24 ALUM. GRILLE 17~24 REFER TO DWG NO. AG-PE03
 AC2, AC6.3, AC7.2, AC7.3, AC10.1, AC11, AC11.1
 REFER TO DWG NO. AG-PE04

F.S.D. REF :
 Note :
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GENERAL NOTES

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 1. F.F.L.-- Finished Floor Level
 2. S.F.L.-- Structural Floor Level
 3. (R) --- Reversed Detail
 4. MIR. --- Mirror



STRUCTURAL & FINISH FLOOR LEVEL FOR T1, T2, 1/F~32/F (LOW, HIGH ZONE) (4TH, 13TH, 14TH, 24TH FLOOR OMITTED)

FLOOR	S.F.L.	F.F.L.
1/F	+ 44.45	+ 44.50
2/F	+ 47.60	+ 47.65
3/F	+ 50.75	+ 50.80
5/F	+ 53.90	+ 53.95
6/F	+ 57.05	+ 57.10
7/F	+ 60.20	+ 60.25
8/F	+ 63.35	+ 63.40
9/F	+ 66.50	+ 66.55
10/F	+ 69.65	+ 69.70
11/F	+ 72.80	+ 72.85
12/F	+ 75.95	+ 76.00
15/F	+ 79.10	+ 79.15
16/F	+ 82.25	+ 82.30
17/F	+ 85.40	+ 85.45
18/F	+ 88.55	+ 88.60
19/F	+ 91.70	+ 91.75
20/F	+ 94.85	+ 94.90
21/F	+ 98.00	+ 98.05
22/F	+ 101.15	+ 101.20
23/F	+ 104.30	+ 104.35
25/F	+ 107.45	+ 107.50
26/F	+ 110.60	+ 110.65
27/F	+ 113.75	+ 113.80
28/F	+ 116.90	+ 116.95
29/F	+ 120.05	+ 120.10
30/F	+ 123.20	+ 123.25
31/F	+ 126.35	+ 126.40
32/F	+ 129.50	+ 129.55

D	21/09/2020	GENERAL	REVISED	
C	14/05/2020	GENERAL	REVISED	
B	03/04/2020	GENERAL	REVISED	
A	06/02/2020	GENERAL	REVISED	
NO.	DATE	REVISED	BY	

CLIENT :
佳明集團控股有限公司
 GRAND MING GROUP HOLDINGS LIMITED

MAIN CONTRACTOR :
GRAND TECH CONSTRUCTION CO. LTD.

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
 ARCHITECTS & PLANNERS

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD

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 :
 RESIDENTIAL DEVELOPMENT AT
 TSING YI TOWN LOT 190 SAI SHAN ROAD

TITLE :
 ALUM. GRILLE LOCATION KEY PLAN
 AT 1/F & 2/F~32/F FOR
 TOWER 1/1A & TOWER 2/2A

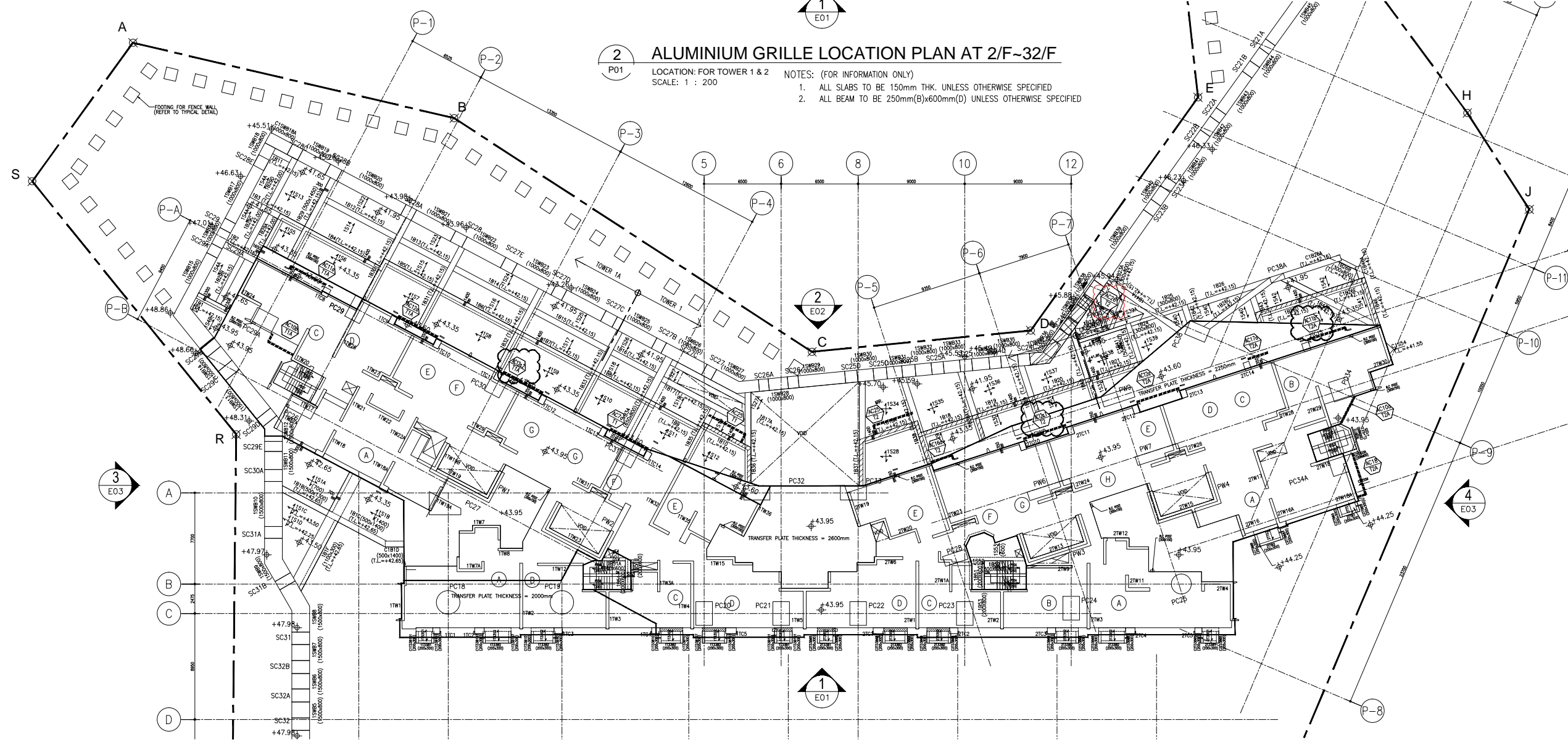
JOB NO. : J851
 DRAWN BY : DL DATE : 18-11-2019
 CHKD BY : SCALE A1: 1 : 200
 DWG. NO. : J851-AG-P01 REV. : D

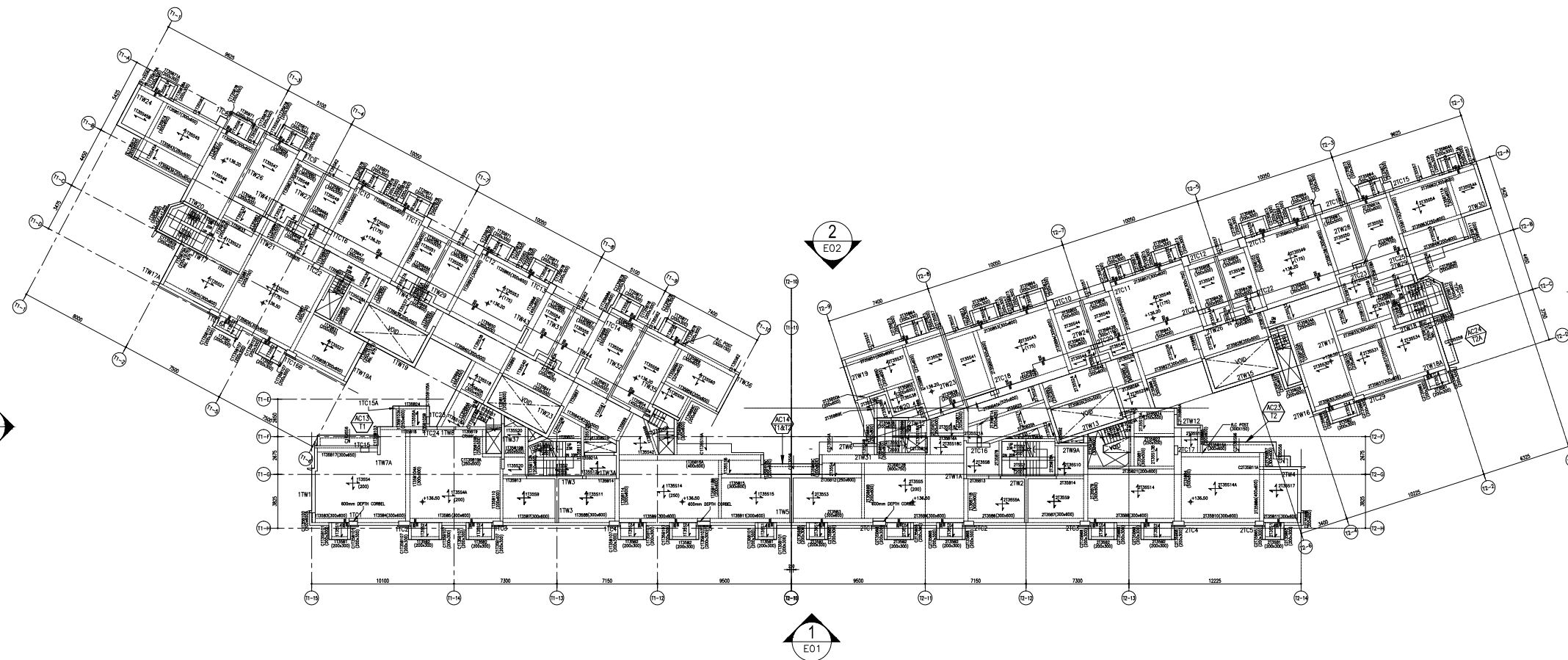
2 ALUMINIUM GRILLE LOCATION PLAN AT 2/F~32/F

LOCATION: FOR TOWER 1 & 2
 SCALE: 1 : 200
 NOTES: (FOR INFORMATION ONLY)
 1. ALL SLABS TO BE 150mm THK. UNLESS OTHERWISE SPECIFIED
 2. ALL BEAM TO BE 250mm(B)x600mm(D) UNLESS OTHERWISE SPECIFIED

1 ALUMINIUM GRILLE LOCATION PLAN AT 1/F

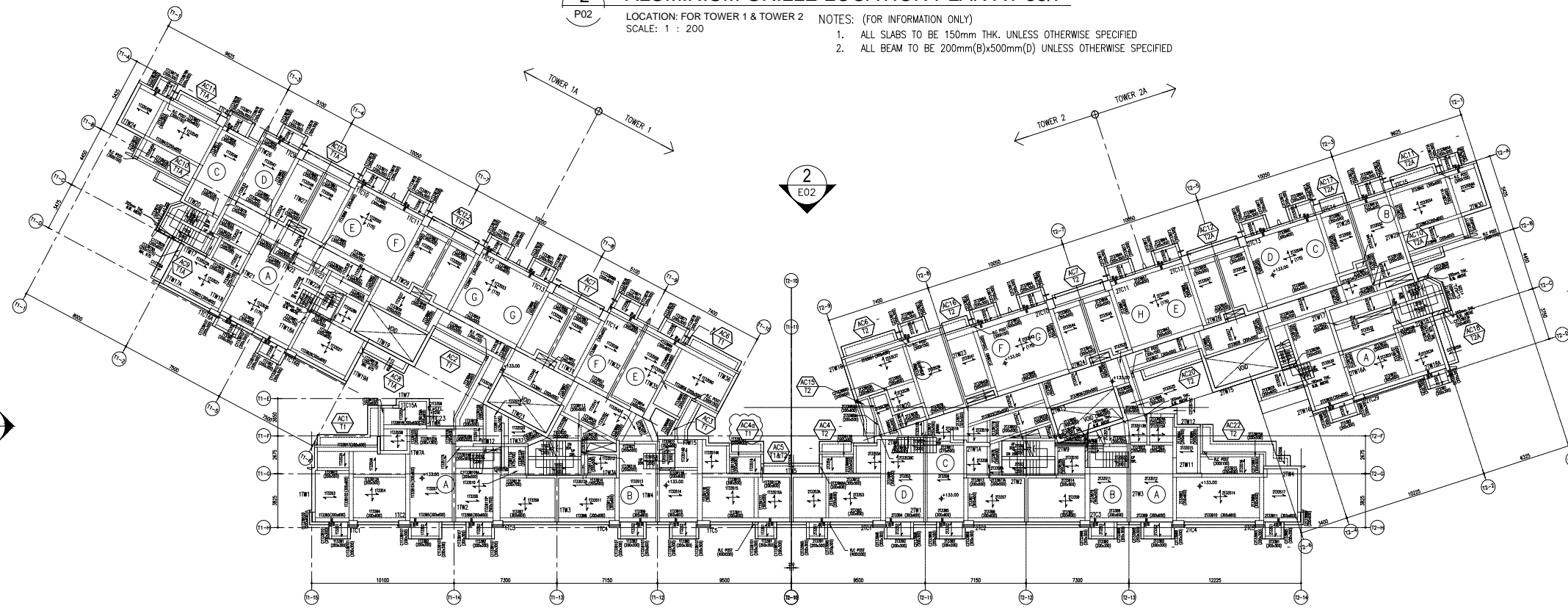
LOCATION: FOR TOWER 1 & 2
 SCALE: 1 : 200
 NOTES: (FOR INFORMATION ONLY)
 1. ALL SLABS TO BE 200MM THK. UNLESS OTHERWISE SPECIFIED
 2. ALL BEAM TO BE 500mm(B)x800mm(D) UNLESS OTHERWISE SPECIFIED





2 ALUMINIUM GRILLE LOCATION PLAN AT 35/F

LOCATION: FOR TOWER 1 & TOWER 2
 SCALE: 1 : 200
 NOTES: (FOR INFORMATION ONLY)
 1. ALL SLABS TO BE 150mm THK. UNLESS OTHERWISE SPECIFIED
 2. ALL BEAM TO BE 200mm(B)x500mm(D) UNLESS OTHERWISE SPECIFIED



1 ALUMINIUM GRILLE LOCATION PLAN AT 33/F

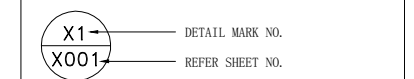
LOCATION: FOR TOWER 1 & TOWER 2
 SCALE: 1 : 200
 NOTES: (FOR INFORMATION ONLY)
 1. ALL SLABS TO BE 150mm THK. UNLESS OTHERWISE SPECIFIED
 2. ALL BEAM TO BE 250mm(B)x600mm(D) UNLESS OTHERWISE SPECIFIED

F.S.D. REF :

- Note :**
- All dimensions are in mm.
 - All elevations are viewed from outside.
 - All dimensions to be verified on site before fabrication.

GENERAL NOTES

- Legend :**
- F.F.L.-- Finished Floor Level
 - S.F.L.-- Structural Floor Level
 - (R) -- Reversed Detail
 - MIR. -- Mirror



SYMBOL:
 AC1~8 ALUM. GRILLE 1~8 REFER TO DWG NO. AG-PE01
 AC9~16 ALUM. GRILLE 9~16 REFER TO DWG NO. AG-PE02
 AC17~24 ALUM. GRILLE 17~24 REFER TO DWG NO. AG-PE03

STRUCTURAL & FINISH FLOOR LEVEL FOR T1, T2, 33/F~35/F (HIGH ZONE) (34TH FLOOR OMITTED)

FLOOR	S.F.L.	F.F.L.
33/F	+ 133.00	+ 133.05
35/F	+ 136.50	+ 136.55

B	03/04/2020	GENERAL REVISION	
A	06/02/2020	GENERAL REVISION	
NO.	DATE	REVISED	BY

CLIENT :
佳明集團控股有限公司
 GRAND MING GROUP HOLDINGS LIMITED

MAIN CONTRACTOR :
GRAND TECH CONSTRUCTION CO. LTD.

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
 ARCHITECTS & PLANNERS

STRUCTURAL ENGINEER :
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 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)27727666

PROJECT :
RESIDENTIAL DEVELOPMENT AT TSING YI TOWN LOT 190 SAI SHAN ROAD

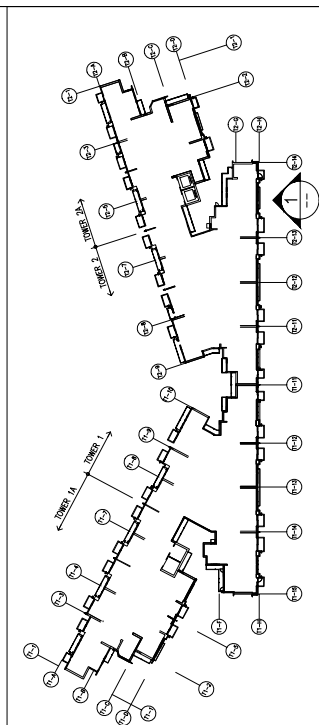
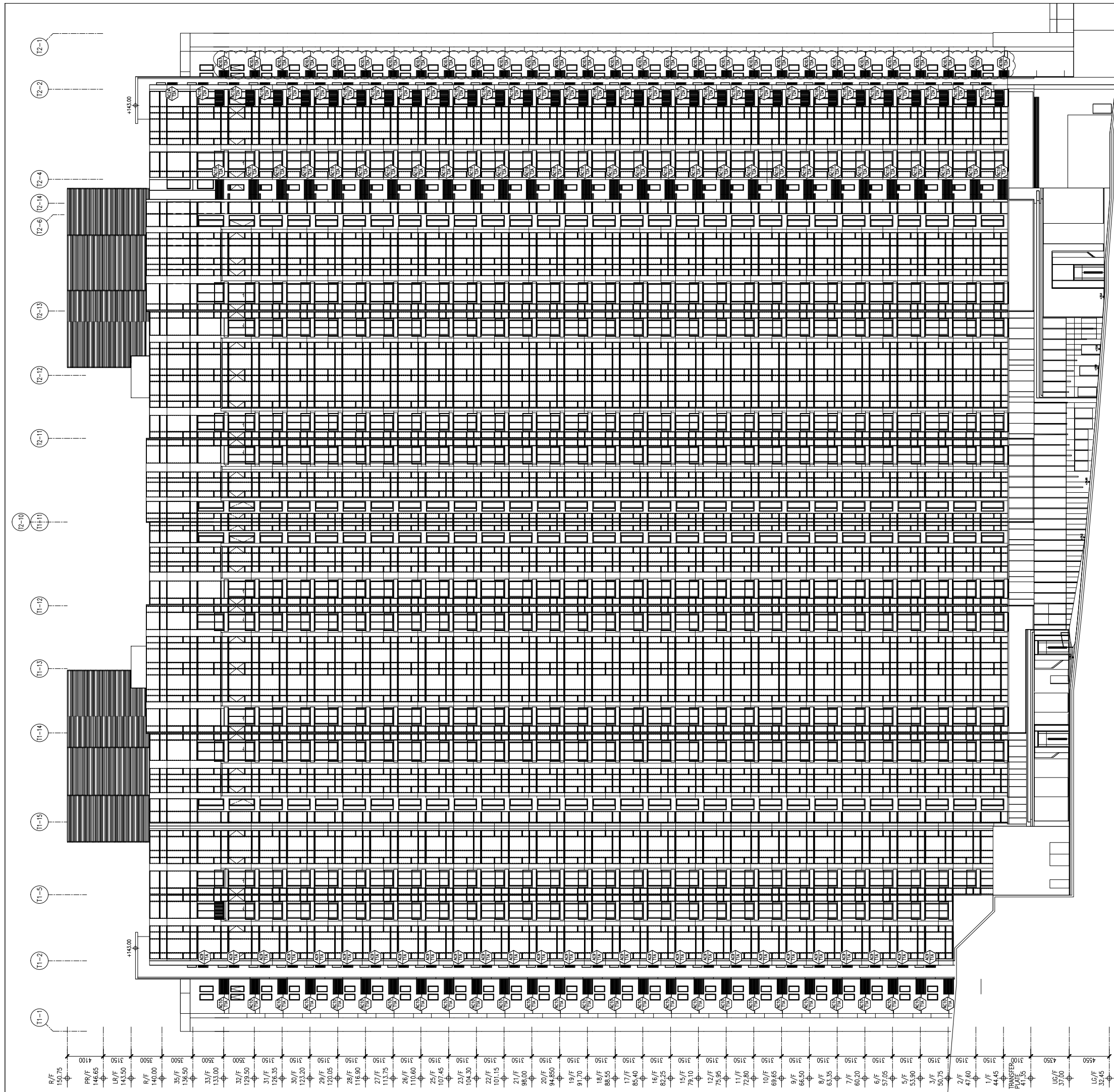
TITLE :
 ALUM. GRILLE LOCATION KEY PLAN
 AT 33/F & 35/F FOR
 TOWER 1/1A & TOWER 2/2A

JOB NO. : J851

DRAWN BY : DL DATE : 18-11-2019

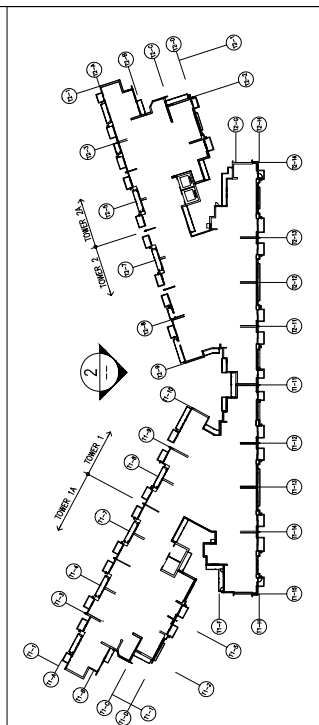
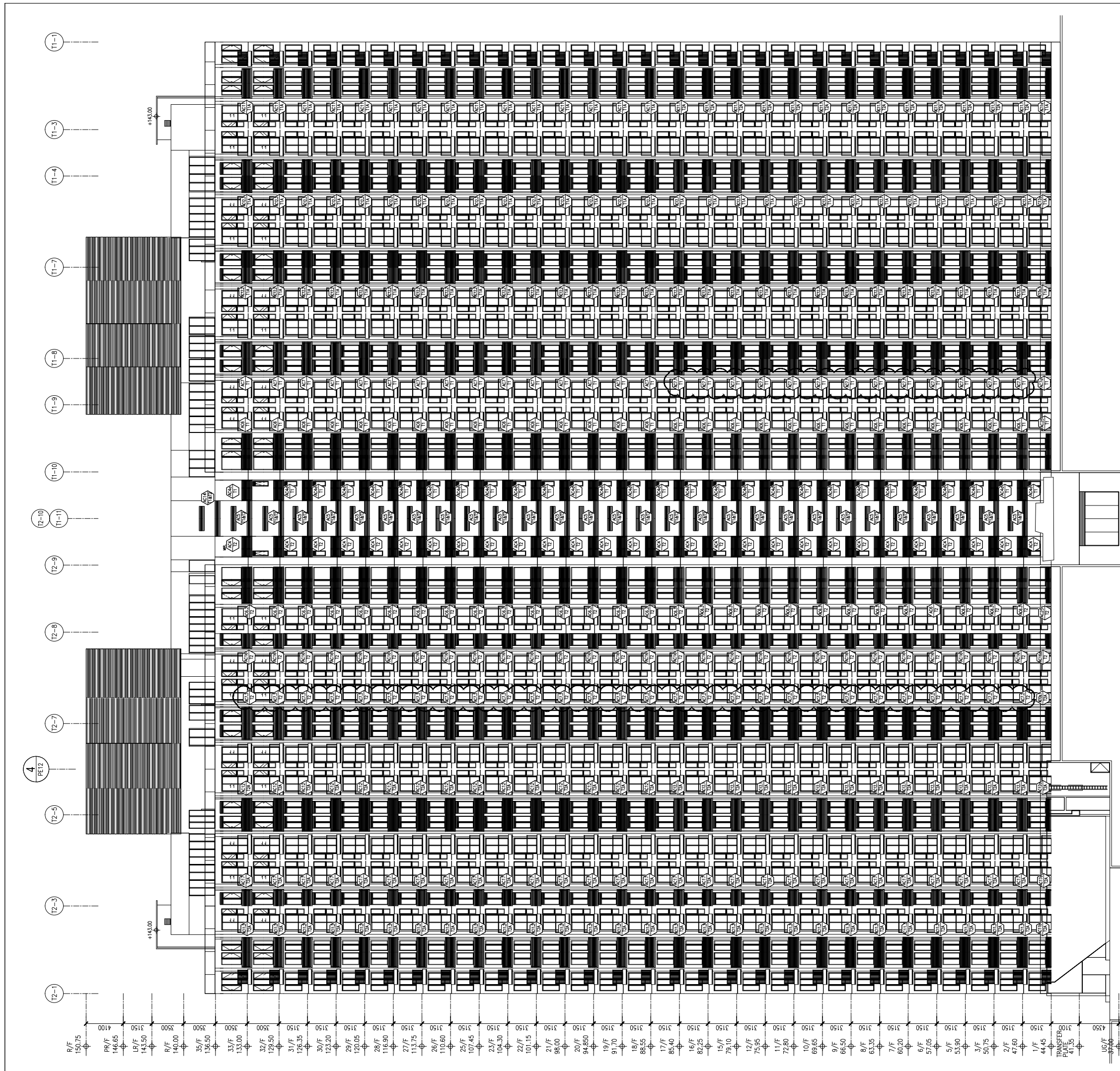
CHKD BY : SCALE A1: 1 : 200

DWG. NO. : J851-AG-P02 REV. : B



1 FRONT ELEVATION
 LOCATION: REFER TO DWG NO. AC-P01-AC-P02
 SCALE: N.T.S.

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		
4. MIR. -- Mirror		
(X1)	DETAIL MARK NO.	
(X001)	REFER SHEET NO.	
SYMBOL:		
AC1~8 ALUM. GRILLE 1~8 REFER TO DWG NO. AG-PE01		
AC9~16 ALUM. GRILLE 9~16 REFER TO DWG NO. AG-PE02		
AC17~24 ALUM. GRILLE 17~24 REFER TO DWG NO. AG-PE03		
AC6.2, AC6.3, AC7.2, AC7.3, AC10.1, AC11, AC11.1 REFER TO DWG NO. AG-PE04		
(AL11)	DARK GREY ALUMINIUM EXTRUDED FRAME (3mm THK.)	
A	14/05/2020	GENERAL REVISED
NO.	DATE	REVISED BY
CLIENT :		
佳明集團控股有限公司 GRAND MING GROUP HOLDINGS LIMITED		
MAIN CONTRACTOR :		
GRAND TECH CONSTRUCTION CO. LTD.		
ARCHITECT :		
WONG TUNG & PARTNERS LIMITED ARCHITECTS & PLANNERS		
STRUCTURAL ENGINEER :		
C M WONG & ASSOCIATES LTD		
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 :		
RESIDENTIAL DEVELOPMENT AT TSING YI TOWN LOT 190 SAI SHAN ROAD		
TITLE :		
FRONT ELEVATION		
JOB NO. :	J851	
DRAWN BY :	DL	DATE : 18-11-2019
CHKD BY :		SCALE A1: N.T.S.
DWG. NO. :	J851-AG-E01	REV. : A



2 BACK ELEVATION
E02
LOCATION: REFER TO DWG NO. AC-P01-AC-P02
SCALE: N.T.S.

F.S.D. REF :

Note :

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- All dimensions to be verified on site before fabrication.

GENERAL NOTES

Legend :

- F.F.L.-- Finished Floor Level
- S.F.L.-- Structural Floor Level
- (R) -- Reversed Detail
- MIR. -- Mirror

-- DETAIL MARK NO.
 -- REFER SHEET NO.

SYMBOL:

AC1~8 ALUM. GRILLE 1~8 REFER TO DWG NO. AG-PE01
 AC9~16 ALUM. GRILLE 9~16 REFER TO DWG NO. AG-PE02
 AC17~24 ALUM. GRILLE 17~24 REFER TO DWG NO. AG-PE03
 AC6.2, AC6.3, AC7.2, AC7.3, AC10.1, AC11, AC11.1 REFER TO DWG NO. AG-PE04

AL11
 DARK GREY ALUMINIUM EXTRUDED FRAME (3mm THK.)
 AL12
 WHITE ALUMINIUM EXTRUDED FRAME (3mm THK.)

C	21/09/2020	GENERAL REVISED	
B	14/05/2020	GENERAL REVISED	
A	06/02/2020	GENERAL REVISED	
NO.	DATE	REVISED	BY

CLIENT :

佳明集團控股有限公司
GRAND MING GROUP HOLDINGS LIMITED

MAIN CONTRACTOR :

GRAND TECH CONSTRUCTION CO. LTD.

ARCHITECT :

WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

STRUCTURAL ENGINEER :

C M WONG & ASSOCIATES LTD

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 :

RESIDENTIAL DEVELOPMENT AT
TSING YI TOWN LOT 190 SAI SHAN ROAD

TITLE :

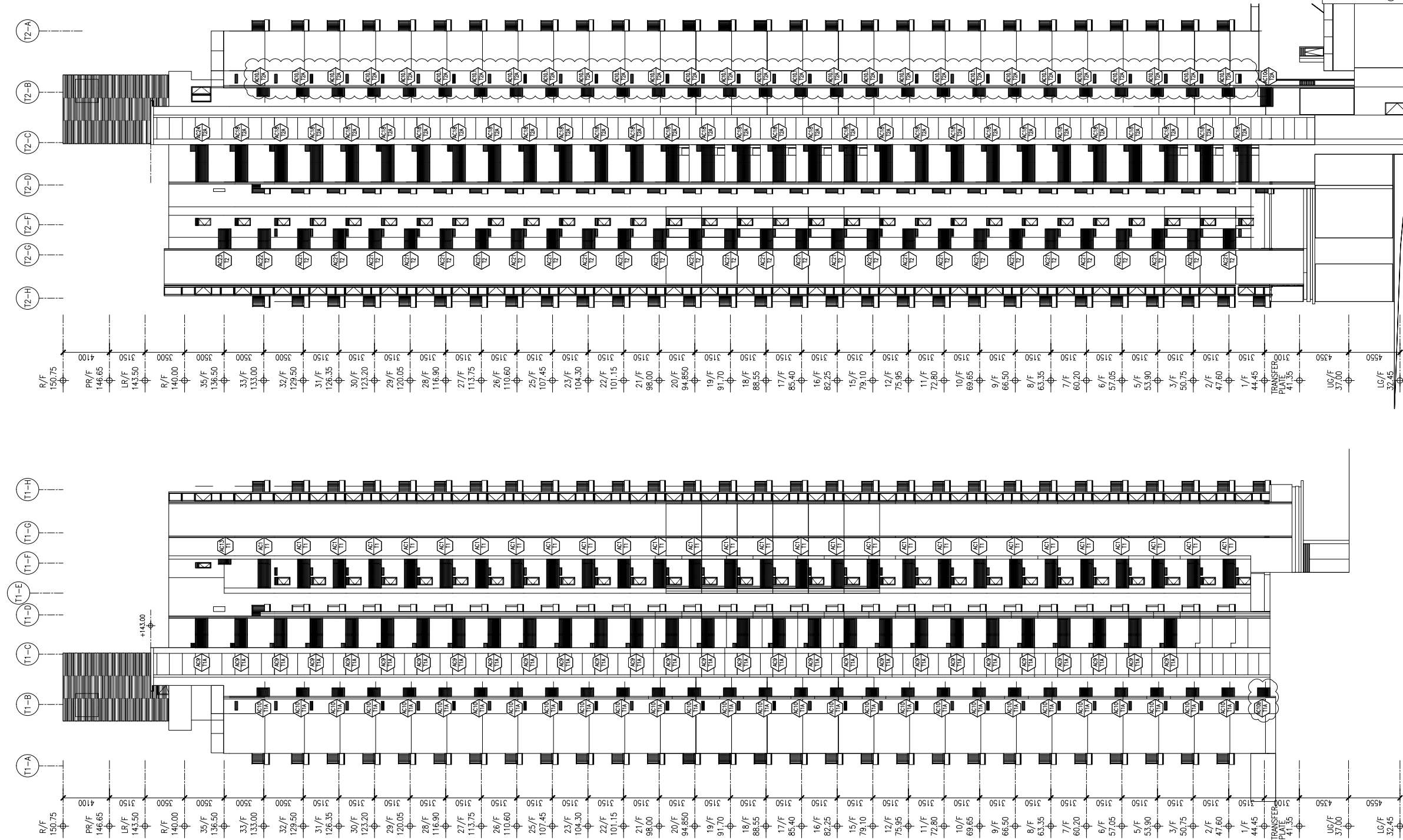
REAR ELEVATION

JOB NO. : J851

DRAWN BY : DL DATE : 18-11-2019

CHKD BY : SCALE A1: N.T.S.

DWG. NO. : J851-AG-E02 REV. : C



4 RIGHT ELEVATION
 LOCATION: REFER TO DWG NO. AC-P01-AC-P02
 SCALE: N.T.S.

3 LEFT ELEVATION
 LOCATION: REFER TO DWG NO. AC-P01-AC-P02
 SCALE: N.T.S.

F.S.D. REF :

Note :

- All dimensions are in mm.
- All elevations are viewed from outside.
- All dimensions to be verified on site before fabrication.

GENERAL NOTES

Legend :

- F.F.L.-- Finished Floor Level
- S.F.L.-- Structural Floor Level
- (R) -- Reversed Detail
- MIR. -- Mirror

SYMBOL:

AC1~8 ALUM. GRILLE 1~8 REFER TO DWG NO. AG-PE01
 AC9~16 ALUM. GRILLE 9~16 REFER TO DWG NO. AG-PE02
 AC17~24 ALUM. GRILLE 17~24 REFER TO DWG NO. AG-PE03
 AC6.2, AC6.3, AC7.2, AC7.3, AC10.1, AC11, AC11.1 REFER TO DWG NO. AG-PE04

KEY PLAN

AL11
 DARK GREY ALUMINIUM EXTRUDED FRAME (3mm THK.)

B	14/05/2020	GENERAL REVISED	
A	06/02/2020	GENERAL REVISED	
NO.	DATE	REVISED	BY

CLIENT :

佳明集團控股有限公司
 GRAND MING GROUP HOLDINGS LIMITED

MAIN CONTRACTOR :

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ARCHITECT :

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 ARCHITECTS & PLANNERS

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C M WONG & ASSOCIATES LTD

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 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 :

RESIDENTIAL DEVELOPMENT AT TSING YI TOWN LOT 190 SAI SHAN ROAD

TITLE :

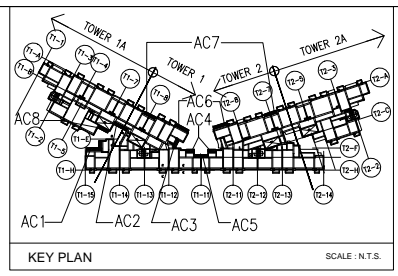
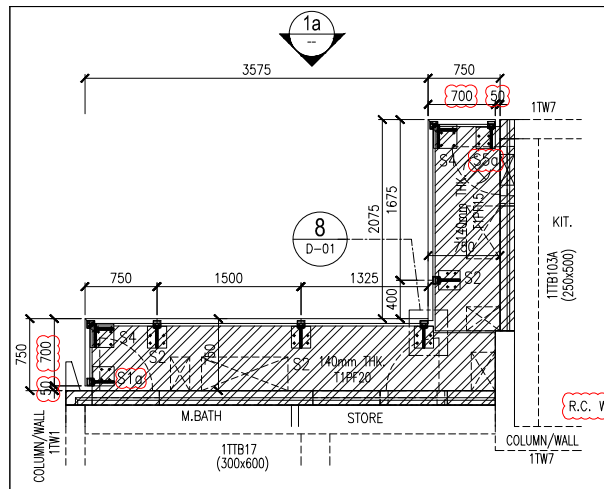
SIDE ELEVATION

JOB NO. : J851

DRAWN BY : DL DATE : N.T.S.

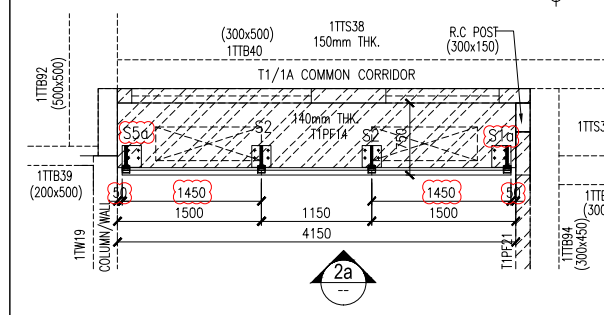
CHKD BY : SCALE A1: N.T.S.

DWG. NO. : J851-AG-E03 REV. : B

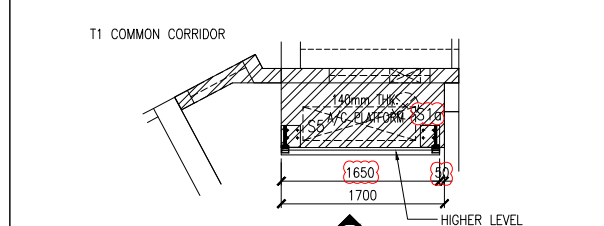


- SYMBOL:
- S1: ANCHOR BOLT BRACKET REFER TO ①
 - S2&S3: ANCHOR BOLT BRACKET REFER TO ②
 - S4: ANCHOR BOLT BRACKET REFER TO ④
 - S5: ANCHOR BOLT BRACKET REFER TO ⑥
 - ~~S6: ANCHOR BOLT BRACKET REFER TO ⑦~~
 - S7: ANCHOR BOLT BRACKET REFER TO ①
 - S8: ANCHOR BOLT BRACKET REFER TO ②
 - S9: ANCHOR BOLT BRACKET REFER TO ⑤
 - S10: ANCHOR BOLT BRACKET REFER TO ①
 - S11: ANCHOR BOLT BRACKET REFER TO ②

1 A/C PLATFORM LOCATION PLAN (AC1)
SCALE: 1 : 40 (AT T1/A/2F~33F)

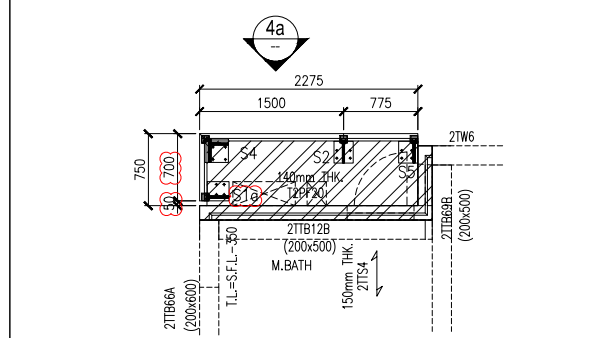


2 A/C PLATFORM LOCATION PLAN (AC2)
SCALE: 1 : 40 (AT T1&T1A/B/COMMON CORRIDOR/2F~33F)

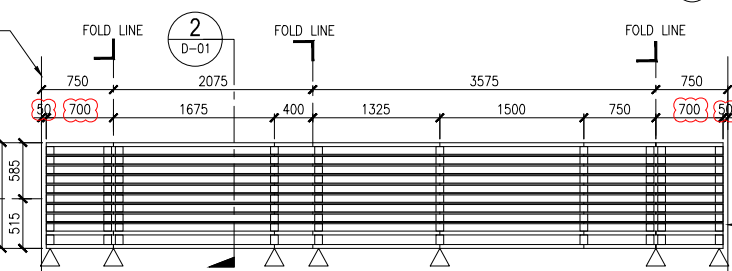


3 A/C PLATFORM LOCATION PLAN (AC3)
SCALE: 1 : 40 (AT T1/C/COMMON CORRIDOR/2F~32F)
(AT T1/B/COMMON CORRIDOR/33F)

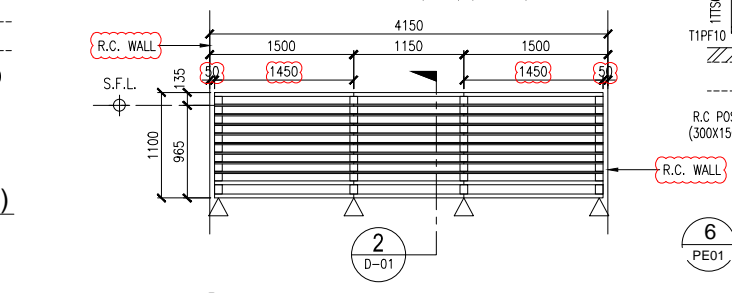
4 A/C PLATFORM LOCATION PLAN (AC4)
SCALE: 1 : 40 (AT T1/D/33F&T1/D/2F~32F)
(AT T2/B/33F&T2/D/2F~32F)



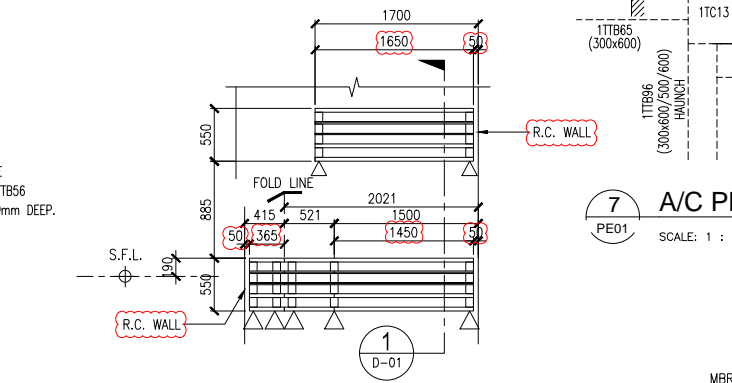
4a A/C PLATFORM LOCATION PLAN (AC4a)
SCALE: 1 : 40 (AT T1/B/33F&T1/D/2F~32F)



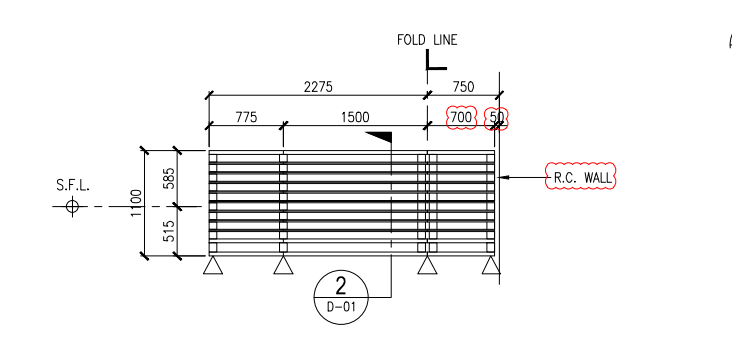
1a ELEVATION (AC1)
SCALE: 1 : 40 (AT T1/A/2F~33F)



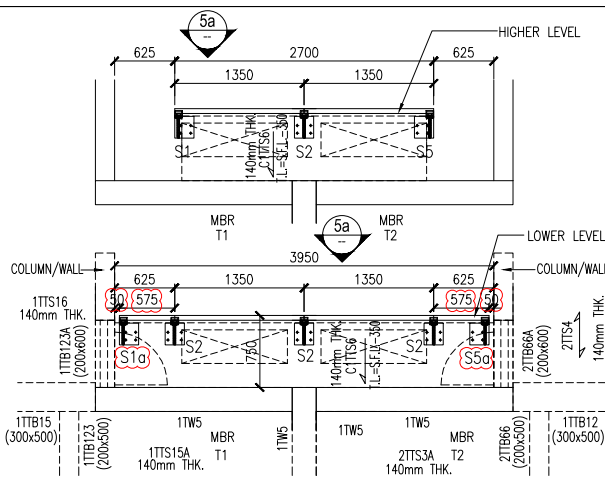
2a ELEVATION (AC2)
SCALE: 1 : 40 (AT T1&T1A/B/COMMON CORRIDOR/2F~33F)



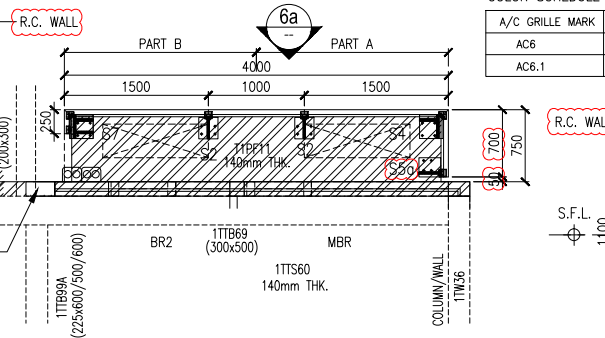
3a ELEVATION (AC3)
SCALE: 1 : 40 (AT T1/C/COMMON CORRIDOR/2F~32F)
(AT T1/B/COMMON CORRIDOR/33F)



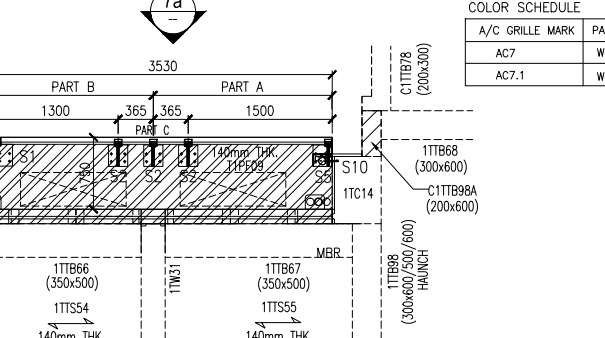
4a ELEVATION (AC4)
SCALE: 1 : 40 (AT T1/D/33F&T1/D/2F~32F)
(AT T2/B/33F&T2/D/2F~32F)



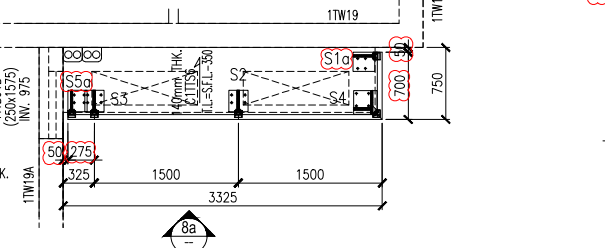
5 A/C PLATFORM LOCATION PLAN (AC5)
SCALE: 1 : 40 (AT T1,T2/B/33F&T1,T2/D/2F~32F)



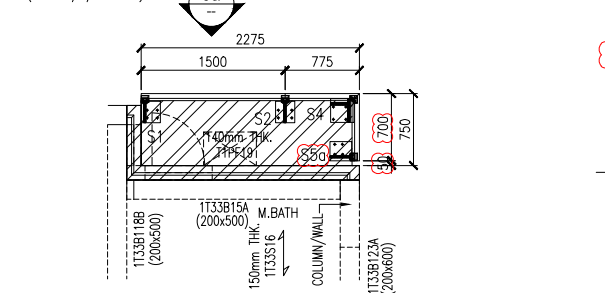
6 A/C PLATFORM LOCATION PLAN (AC6&AC6.1)
SCALE: 1 : 40 (AC6 (AT T1/E/18F~33F)
AC6.1 (AT T1/E/2F~17F))



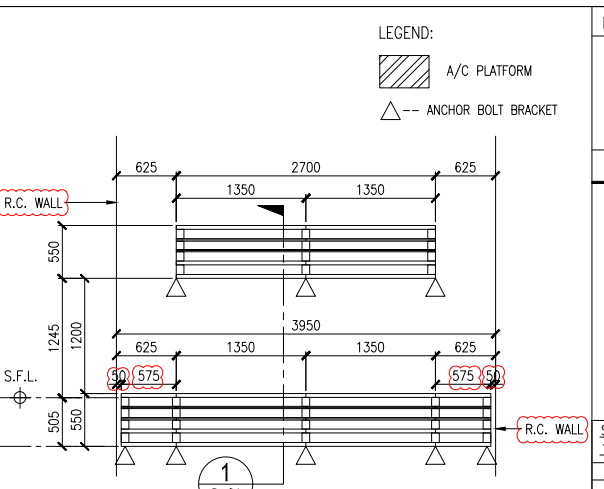
7 A/C PLATFORM LOCATION PLAN (AC7&AC7.1)
SCALE: 1 : 40 (AC7 (AT T1/F&G/18F~33F)
AC7.1 (AT T1/F&G/2F~17F))



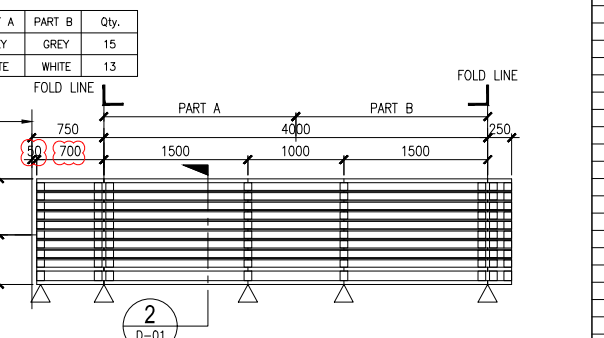
8 A/C PLATFORM LOCATION PLAN (AC8)
SCALE: 1 : 40 (AT T1A/A/2F~33F)



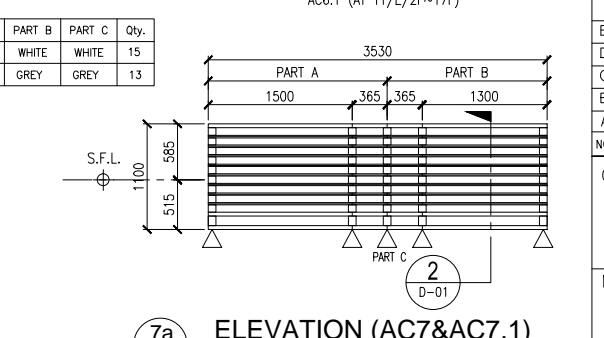
9 A/C PLATFORM LOCATION PLAN (AC4a)
SCALE: 1 : 40 (AT T1/B/33F&T1/D/2F~32F)



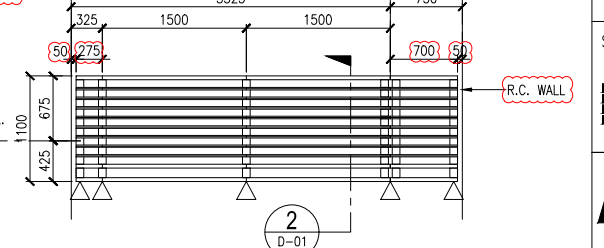
5a ELEVATION (AC5)
SCALE: 1 : 40 (AT T1,T2/B/33F&T1,T2/D/2F~32F)



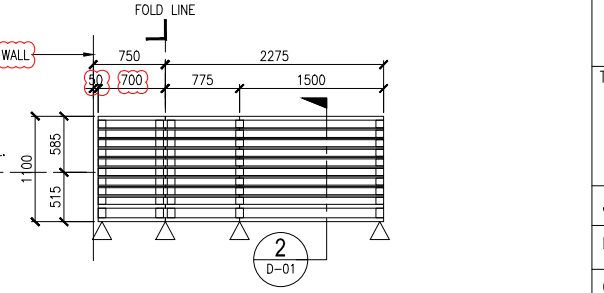
6a ELEVATION (AC6&AC6.1)
SCALE: 1 : 40 (AC6 (AT T1/E/18F~33F)
AC6.1 (AT T1/E/2F~17F))



7a ELEVATION (AC7&AC7.1)
SCALE: 1 : 40 (AC7 (AT T1/F&G/18F~33F)
AC7.1 (AT T1/F&G/2F~17F))



8a ELEVATION (AC8)
SCALE: 1 : 40 (AT T1A/A/2F~33F)



9a ELEVATION (AC4a)
SCALE: 1 : 40 (AT T1/B/33F&T1/D/2F~32F)

COLOR SCHEDULE

A/C GRILLE MARK	PART A	PART B	Qty.
AC6	GREY	GREY	15
AC6.1	WHITE	WHITE	13

COLOR SCHEDULE

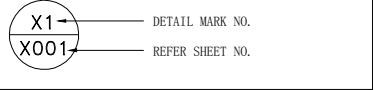
A/C GRILLE MARK	PART A	PART B	PART C	Qty.
AC7	WHITE	WHITE	WHITE	15
AC7.1	WHITE	GREY	GREY	13

F.S.D. REF :

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

GENERAL NOTES

- Legend :
- F.F.L. --- Finished Floor Level
 - S.F.L. --- Structural Floor Level
 - (R) --- Reversed Detail
 - MIR. --- Mirror



STRUCTURAL & FINISH FLOOR LEVEL FOR T1 & T2
1/F~32/F (LOW, HIGH ZONE)

FLOOR	S.F.L.	F.F.L.
1/F	+ 44.45	+ 44.50
2/F	+ 47.60	+ 47.65
3/F	+ 50.75	+ 50.80
5/F	+ 53.90	+ 53.95
7/F	+ 57.05	+ 57.10
8/F	+ 60.20	+ 60.25
9/F	+ 63.35	+ 63.40
10/F	+ 66.50	+ 66.55
11/F	+ 69.65	+ 69.70
12/F	+ 72.80	+ 72.85
13/F	+ 75.95	+ 76.00
14/F	+ 79.10	+ 79.15
15/F	+ 82.25	+ 82.30
16/F	+ 85.40	+ 85.45
17/F	+ 88.55	+ 88.60
18/F	+ 91.70	+ 91.75
19/F	+ 94.85	+ 94.90
20/F	+ 98.00	+ 98.05
21/F	+ 101.15	+ 101.20
22/F	+ 104.30	+ 104.35
23/F	+ 107.45	+ 107.50
24/F	+ 110.60	+ 110.65
25/F	+ 113.75	+ 113.80
26/F	+ 116.90	+ 116.95
27/F	+ 120.05	+ 120.10
28/F	+ 123.20	+ 123.25
29/F	+ 126.35	+ 126.40
30/F	+ 129.50	+ 129.55
31/F	+ 132.65	+ 132.70
32/F	+ 135.80	+ 135.85
33/F	+ 138.95	+ 139.00
35/F	+ 145.15	+ 145.20

NO.	DATE	REVISED	BY
E	21/09/2020	GENERAL REVISED	
D	26/06/2020	GENERAL REVISED	
C	15/05/2020	GENERAL REVISED	
B	31/03/2020	GENERAL REVISED	
A	06/02/2020	GENERAL REVISED	

CLIENT :
佳明集團控股有限公司
GRAND MING GROUP HOLDINGS LIMITED

MAIN CONTRACTOR :
GRAND TECH CONSTRUCTION CO. LTD.

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD

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:23499211-4 Fax:(852)27727666

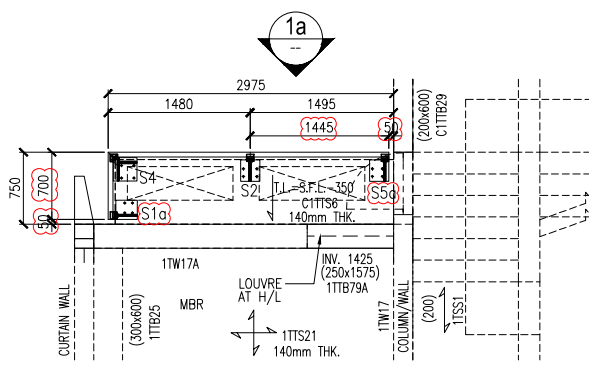
PROJECT :
**RESIDENTIAL DEVELOPMENT AT
TSING YI TOWN LOT 190 SAI SHAN ROAD**

TITLE :
**ALUM. GRILLE FOR A/C PLATFORM
PARTIAL PLAN & PARTIAL ELEVATION
(AC1~AC8)**

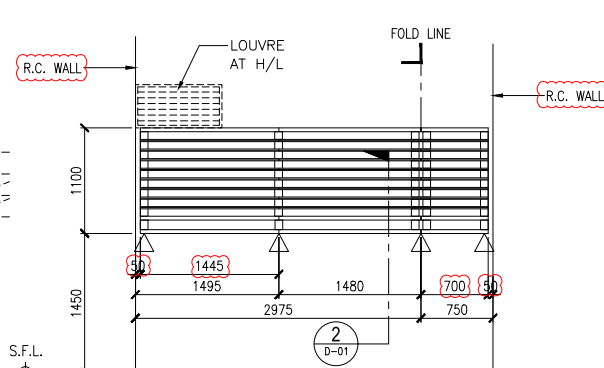
JOB NO. : J851

DRAWN BY : TOMMY DATE : 18-11-2019

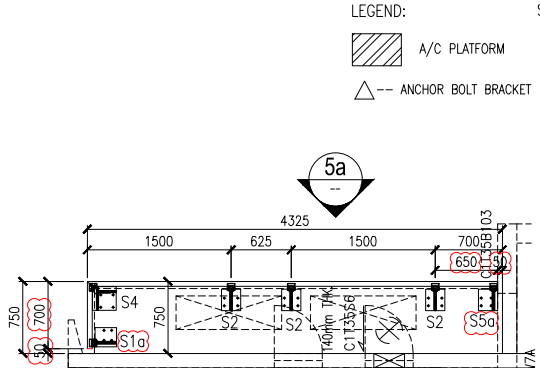
CHKD BY : SCALE A1: 1 : 40
DWG. NO. : J851-AG-PE01 REV. : E



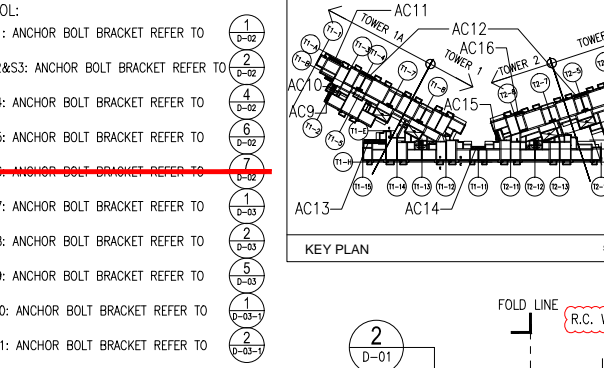
1 A/C PLATFORM LOCATION PLAN (AC9)
SCALE: 1 : 40 (AT T1A/A/33F&T1A/B/33F~32F)



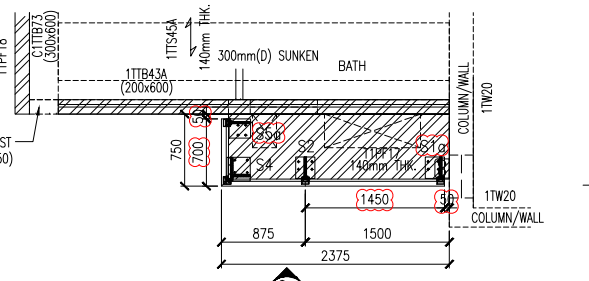
1a ELEVATION (AC9)
SCALE: 1 : 40 (AT T1A/A/33F&T1A/B/33F~32F)



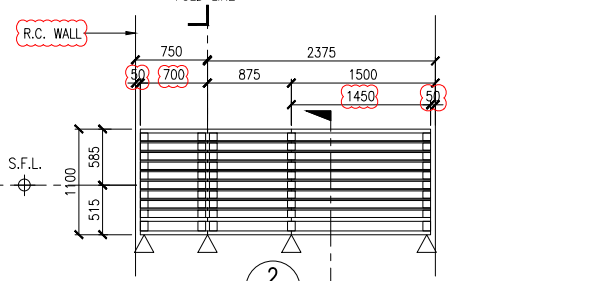
5 A/C PLATFORM LOCATION PLAN (AC13)
SCALE: 1 : 40 (AT T1/A/35F)



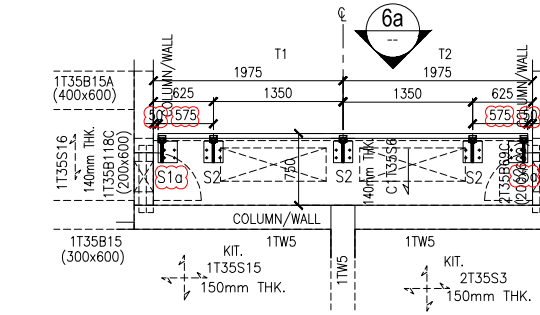
5a ELEVATION (AC13)
SCALE: 1 : 40 (AT T1/A/35F)



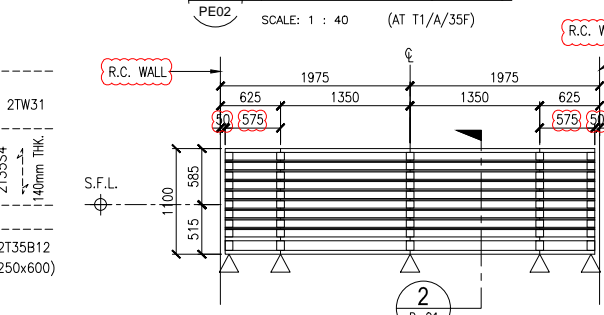
2 A/C PLATFORM LOCATION PLAN (AC10)
SCALE: 1 : 40 (AT T1A/C/2F~33F)



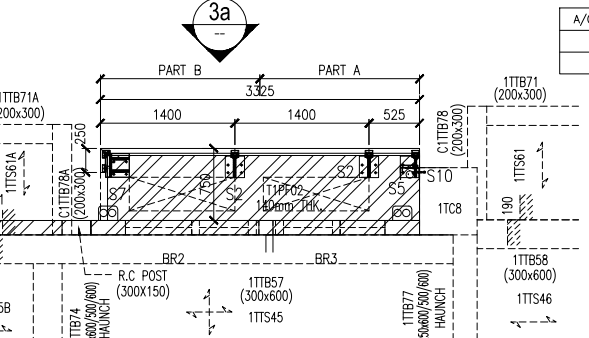
2a ELEVATION (AC10)
SCALE: 1 : 40 (AT T1A/C/2F~33F)



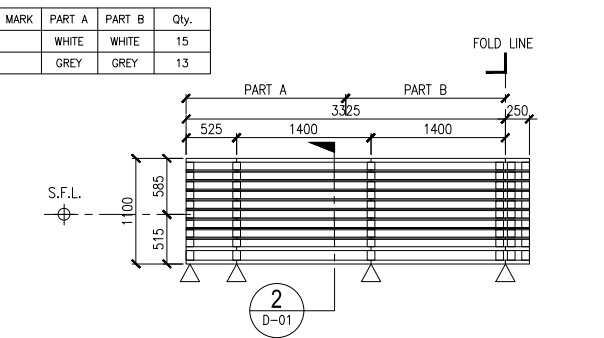
6 A/C PLATFORM LOCATION PLAN (AC14)
SCALE: 1 : 40 (AT T1&T2/B/35F)



6a ELEVATION (AC14)
SCALE: 1 : 40 (AT T1&T2/B/35F)



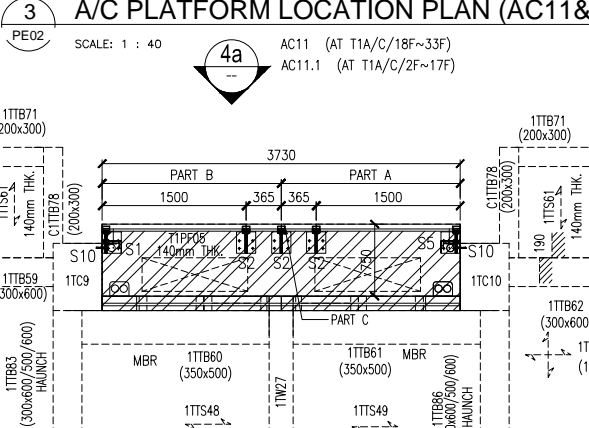
3 A/C PLATFORM LOCATION PLAN (AC11&AC11.1)
SCALE: 1 : 40 (AC11 (AT T1A/C/18F~33F) AC11.1 (AT T1A/C/2F~17F))



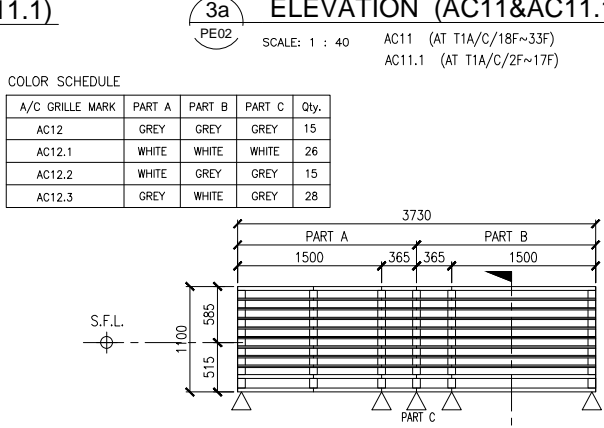
3a ELEVATION (AC11&AC11.1)
SCALE: 1 : 40 (AC11 (AT T1A/C/18F~33F) AC11.1 (AT T1A/C/2F~17F))

COLOR SCHEDULE

A/C GRILLE MARK	PART A	PART B	Qty.
AC11	WHITE	WHITE	15
AC11.1	GREY	GREY	13



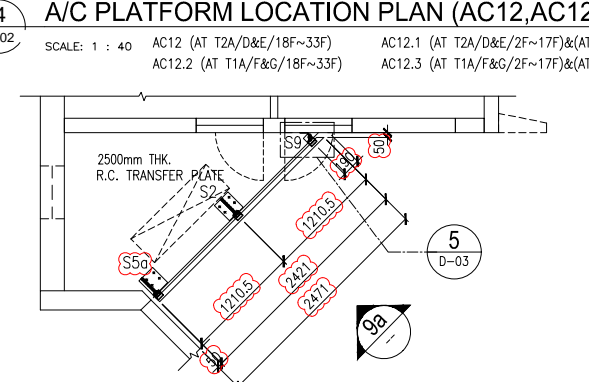
4 A/C PLATFORM LOCATION PLAN (AC12,AC12.1~AC12.3)
SCALE: 1 : 40 (AC12 (AT T2A/D&E/18F~33F) AC12.1 (AT T2A/D&E/2F~17F)&(AT T1A/D&E/2F~17F) AC12.2 (AT T1A/F&G/18F~33F) AC12.3 (AT T1A/F&G/2F~17F)&(AT T1A/D&E/18F~33F))



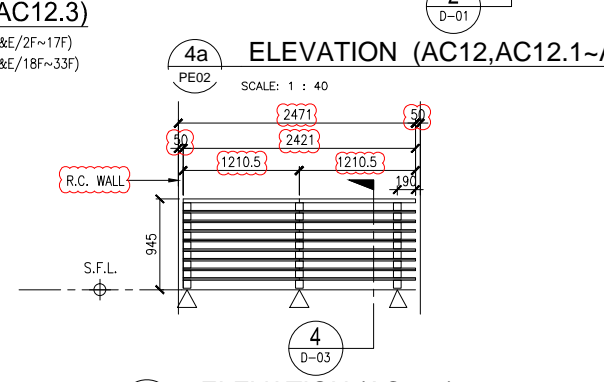
4a ELEVATION (AC12,AC12.1~AC12.3)
SCALE: 1 : 40

COLOR SCHEDULE

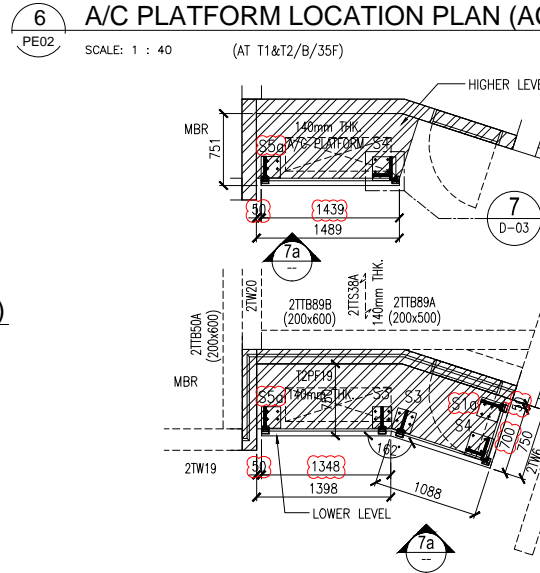
A/C GRILLE MARK	PART A	PART B	PART C	Qty.
AC12	GREY	GREY	GREY	15
AC12.1	WHITE	WHITE	WHITE	26
AC12.2	WHITE	GREY	GREY	15
AC12.3	GREY	WHITE	GREY	28



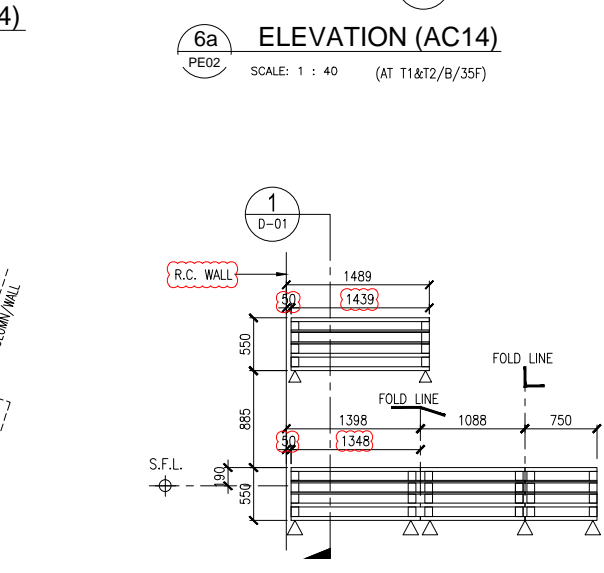
9 A/C PLATFORM LOCATION PLAN (AC10a)
SCALE: 1 : 40 (AT T2A/B/1F)



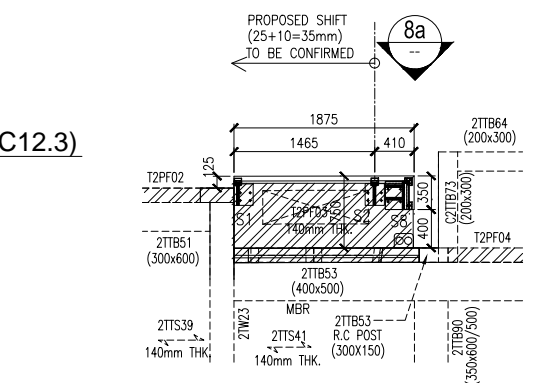
9a ELEVATION (AC10a)
SCALE: 1 : 40 (AT T2A/B/1F)



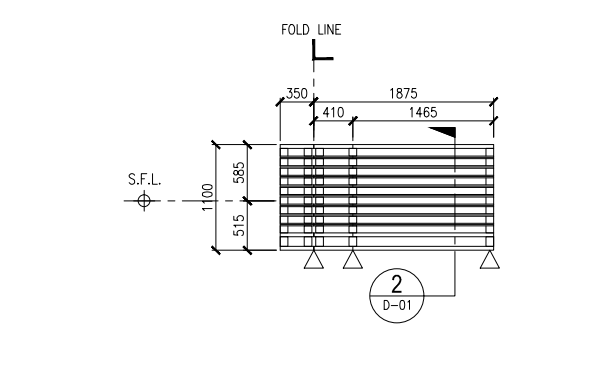
7 A/C PLATFORM LOCATION PLAN (AC15)
SCALE: 1 : 40 (AT T2/E/2F~33F)



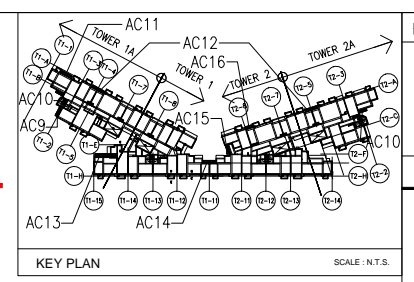
7a ELEVATION (AC15)
SCALE: 1 : 40 (AT T2/E/2F~33F)



8 A/C PLATFORM LOCATION PLAN (AC16)
SCALE: 1 : 40 (AT T2/F/2F~33F)



8a ELEVATION (AC16)
SCALE: 1 : 40 (AT T2/F/2F~33F)



KEY PLAN SCALE: N.T.S.

- LEGEND:
 A/C PLATFORM
 ANCHOR BOLT BRACKET
- SYMBOL:
 S1: ANCHOR BOLT BRACKET REFER TO 1
 S2&S3: ANCHOR BOLT BRACKET REFER TO 2
 S4: ANCHOR BOLT BRACKET REFER TO 4
 S5: ANCHOR BOLT BRACKET REFER TO 6
 S6: ANCHOR BOLT BRACKET REFER TO 7
 S7: ANCHOR BOLT BRACKET REFER TO 1
 S8: ANCHOR BOLT BRACKET REFER TO 2
 S9: ANCHOR BOLT BRACKET REFER TO 5
 S10: ANCHOR BOLT BRACKET REFER TO 1
 S11: ANCHOR BOLT BRACKET REFER TO 2

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
 4. M.I.R. -- Mirror

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

STRUCTURAL & FINISH FLOOR LEVEL FOR T1 & T2
 1/F~32/F (LOW HIGH ZONE)

FLOOR	S.F.L.	F.F.L.
1/F	+ 44.45	+ 44.50
2/F	+ 47.60	+ 47.65
3/F	+ 50.75	+ 50.80
5/F	+ 53.90	+ 53.95
6/F	+ 57.05	+ 57.10
7/F	+ 60.20	+ 60.25
8/F	+ 63.35	+ 63.40
9/F	+ 66.50	+ 66.55
10/F	+ 69.65	+ 69.70
11/F	+ 72.80	+ 72.85
12/F	+ 75.95	+ 76.00
15/F	+ 79.10	+ 79.15
16/F	+ 82.25	+ 82.30
17/F	+ 85.40	+ 85.45
18/F	+ 88.55	+ 88.60
19/F	+ 91.70	+ 91.75
20/F	+ 94.85	+ 94.90
21/F	+ 98.00	+ 98.05
22/F	+ 101.15	+ 101.20
23/F	+ 104.30	+ 104.35
25/F	+ 107.45	+ 107.50
26/F	+ 110.60	+ 110.65
27/F	+ 113.75	+ 113.80
28/F	+ 116.90	+ 116.95
29/F	+ 120.05	+ 120.10
30/F	+ 123.20	+ 123.25
31/F	+ 126.35	+ 126.40
32/F	+ 129.50	+ 129.55
33/F	+ 132.65	+ 132.70
35/F	+ 135.80	+ 135.85

NO.	DATE	REVISED	BY
E	21/09/2020	GENERAL REVISED	
D	26/06/2020	GENERAL REVISED	
C	15/05/2020	GENERAL REVISED	
B	31/03/2020	GENERAL REVISED	
A	06/02/2020	GENERAL REVISED	

CLIENT :
佳明集團控股有限公司
 GRAND MING GROUP HOLDINGS LIMITED

MAIN CONTRACTOR :
GRAND TECH CONSTRUCTION CO. LTD.

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
 ARCHITECTS & PLANNERS

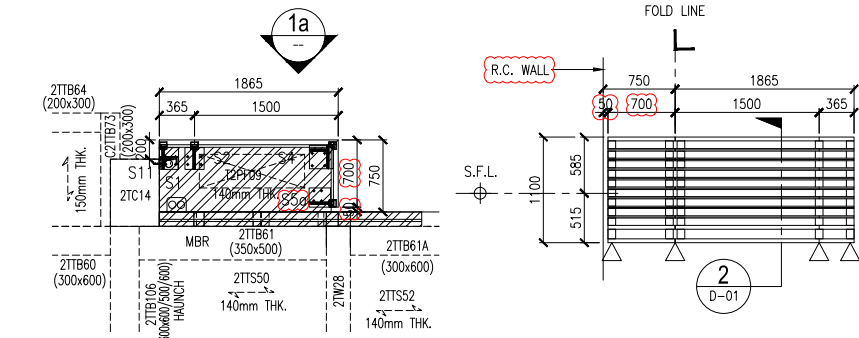
STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD

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 :
 RESIDENTIAL DEVELOPMENT AT
 TSING YI TOWN LOT 190 SAI SHAN ROAD

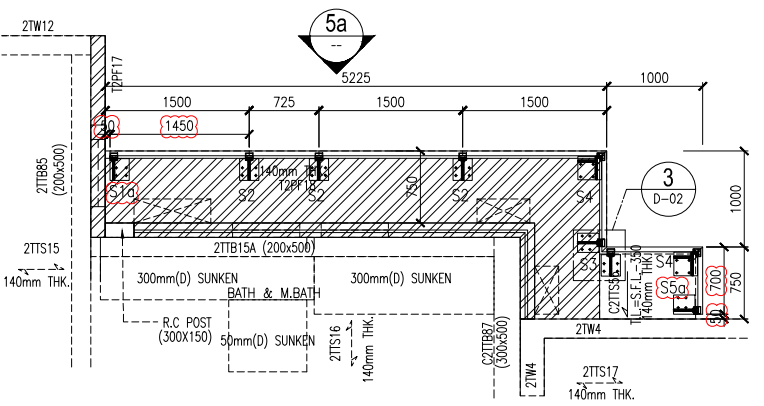
TITLE :
 ALUM. GRILLE FOR A/C PLATFORM
 PARTIAL PLAN & PARTIAL ELEVATION
 (AC9~AC16)

JOB NO. : J851
 DRAWN BY : TOMMY DATE : 18-11-2019
 CHKD BY : SCALE A1: 1 : 40
 DWG. NO. : J851-AG-PE02 REV. : E



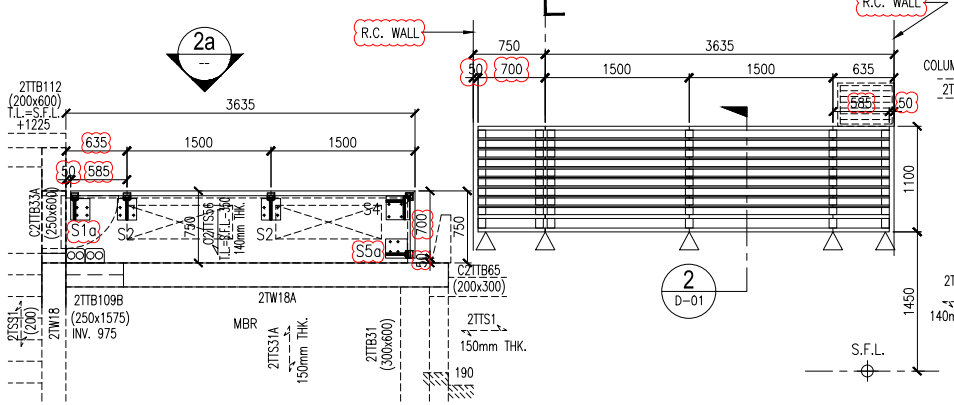
1 A/C PLATFORM LOCATION PLAN (AC17)
SCALE: 1 : 40 (AT T2A/C/2F~33F)

1a ELEVATION (AC17)
SCALE: 1 : 40 (AT T2A/C/2F~33F)



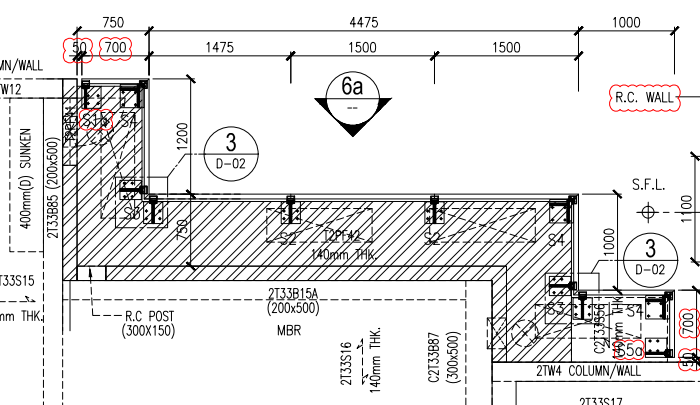
5 A/C PLATFORM LOCATION PLAN (AC21)
SCALE: 1 : 40 (AT T2/A/2F~32F)

5a ELEVATION (AC21)
SCALE: 1 : 40 (AT T2/A/2F~32F)



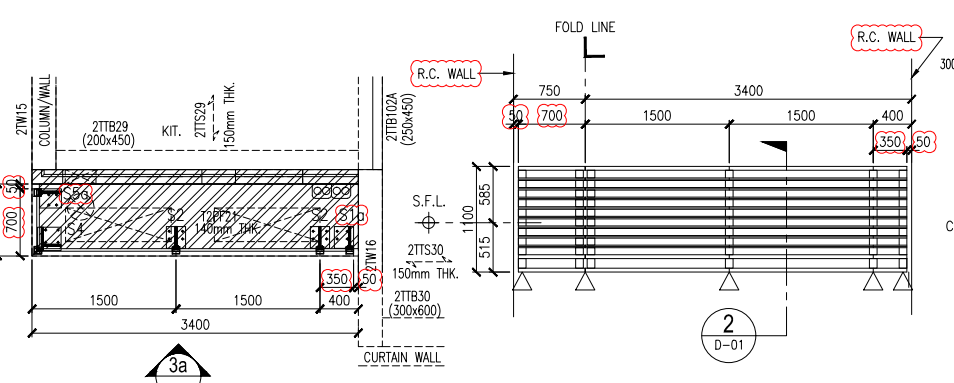
2 A/C PLATFORM LOCATION PLAN (AC18)
SCALE: 1 : 40 (AT T2A/A/1F~33F)

2a ELEVATION (AC18)
SCALE: 1 : 40 (AT T2A/A/1F~33F)



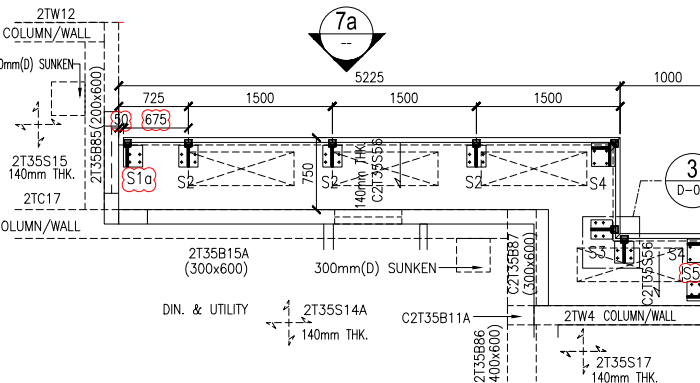
6 A/C PLATFORM LOCATION PLAN (AC22)
SCALE: 1 : 40 (AT T2/A/33F)

6a ELEVATION (AC22)
SCALE: 1 : 40 (AT T2/A/33F)



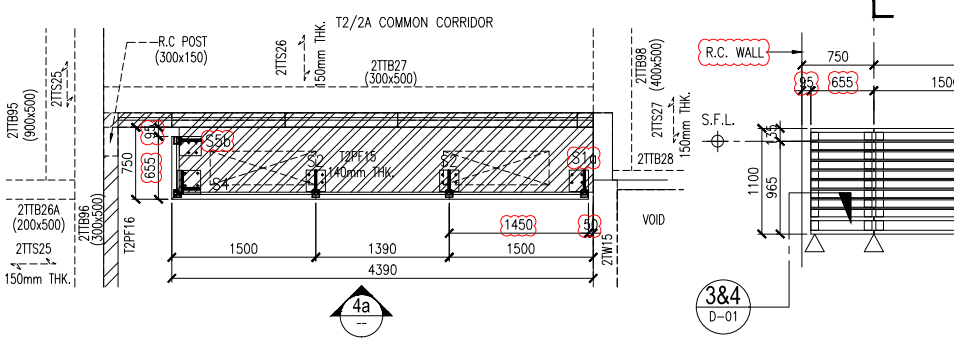
3 A/C PLATFORM LOCATION PLAN (AC19)
SCALE: 1 : 40 (AT T2A/A/2F~32F)

3a ELEVATION (AC19)
SCALE: 1 : 40 (AT T2A/A/2F~32F)



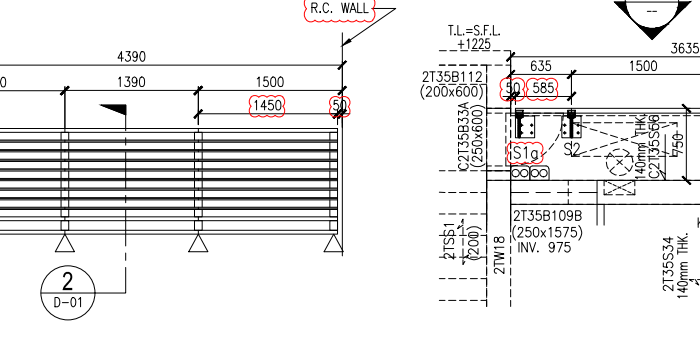
7 A/C PLATFORM LOCATION PLAN (AC23)
SCALE: 1 : 40 (AT T2/A/35F)

7a ELEVATION (AC23)
SCALE: 1 : 40 (AT T2/A/35F)



4 A/C PLATFORM LOCATION PLAN (AC20)
SCALE: 1 : 40 (AT T2&T2A/B/COMMON CORRIDOR/2F~33F)

4a ELEVATION (AC20)
SCALE: 1 : 40 (AT T2&T2A/B/COMMON CORRIDOR/2F~33F)

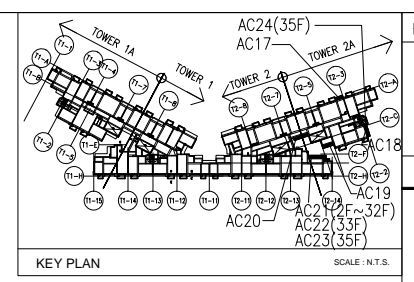


8 A/C PLATFORM LOCATION PLAN (AC24)
SCALE: 1 : 40 (AT T2A/A/35F)

8a ELEVATION (AC24)
SCALE: 1 : 40 (AT T2A/A/35F)

LEGEND:
 A/C PLATFORM
 ANCHOR BOLT BRACKET

SYMBOL:
 S1: ANCHOR BOLT BRACKET REFER TO 1
 S2&S3: ANCHOR BOLT BRACKET REFER TO 2
 S4: ANCHOR BOLT BRACKET REFER TO 4
 S5: ANCHOR BOLT BRACKET REFER TO 6
 S6: ANCHOR BOLT BRACKET REFER TO 7
 S7: ANCHOR BOLT BRACKET REFER TO 1
 S8: ANCHOR BOLT BRACKET REFER TO 2
 S9: ANCHOR BOLT BRACKET REFER TO 5
 S10: ANCHOR BOLT BRACKET REFER TO 1
 S11: ANCHOR BOLT BRACKET REFER TO 2



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
 4. MIR -- Mirror

-- DETAIL MARK NO.
 -- REFER SHEET NO.

STRUCTURAL & FINISH FLOOR LEVEL FOR T1 & T2, 1/F~32/F (LOW, HIGH ZONE)

FLOOR	S.F.L.	F.F.L.
1/F	+ 44.45	+ 44.50
2/F	+ 47.60	+ 47.65
3/F	+ 50.75	+ 50.80
5/F	+ 53.90	+ 53.95
7/F	+ 57.05	+ 57.10
8/F	+ 60.20	+ 60.25
9/F	+ 63.35	+ 63.40
10/F	+ 66.50	+ 66.55
11/F	+ 69.65	+ 69.70
12/F	+ 72.80	+ 72.85
15/F	+ 75.95	+ 76.00
16/F	+ 79.10	+ 79.15
17/F	+ 82.25	+ 82.30
18/F	+ 85.40	+ 85.45
19/F	+ 88.55	+ 88.60
20/F	+ 91.70	+ 91.75
21/F	+ 94.85	+ 94.90
22/F	+ 98.00	+ 98.05
23/F	+ 101.15	+ 101.20
25/F	+ 104.30	+ 104.35
26/F	+ 107.45	+ 107.50
27/F	+ 110.60	+ 110.65
28/F	+ 113.75	+ 113.80
29/F	+ 116.90	+ 116.95
30/F	+ 120.05	+ 120.10
31/F	+ 123.20	+ 123.25
32/F	+ 126.35	+ 126.40
33/F	+ 129.50	+ 129.55
35/F	+ 133.00	+ 133.05
	+ 136.50	+ 136.55

NO.	DATE	REVISED	BY
E	21/09/2020	GENERAL REVISED	
D	26/06/2020	GENERAL REVISED	
C	15/05/2020	GENERAL REVISED	
B	31/03/2020	GENERAL REVISED	
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CLIENT :
佳明集團控股有限公司
 GRAND MING GROUP HOLDINGS LIMITED

MAIN CONTRACTOR :
GRAND TECH CONSTRUCTION CO. LTD.

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

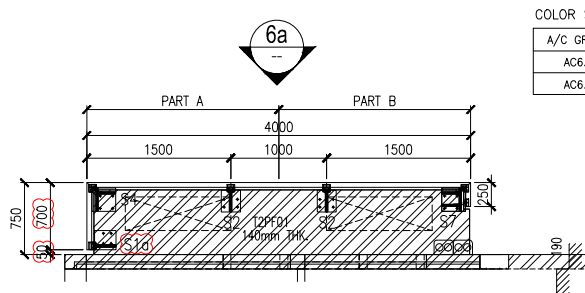
STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD

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 :
RESIDENTIAL DEVELOPMENT AT
TSING YI TOWN LOT 190 SAI SHAN ROAD

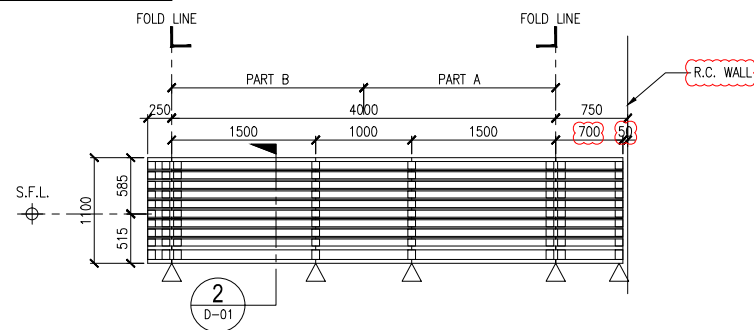
TITLE :
ALUM. GRILLE FOR A/C PLATFORM
PARTIAL PLAN & PARTIAL ELEVATION
(AC17~AC24)

JOB NO. : J851
DRAWN BY : TOMMY **DATE :** 18-11-2019
CHKD BY : **SCALE A1: 1 : 40**
DWG. NO. : J851-AG-PE03 **REV. :** E



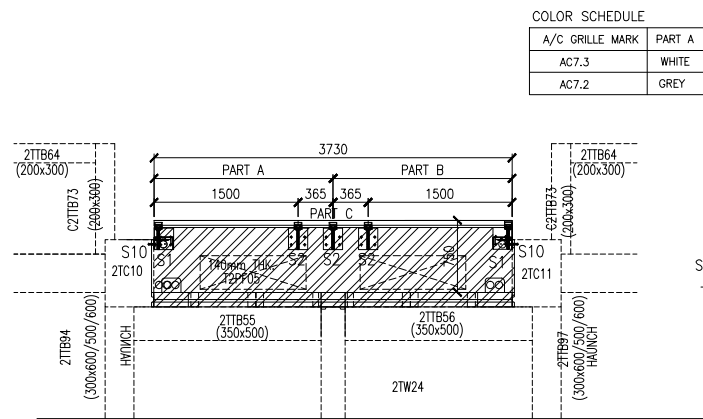
COLOR SCHEDULE

A/C GRILLE MARK	PART A	PART B	Qty.
AC6.2	GREY	GREY	15
AC6.3	WHITE	WHITE	13



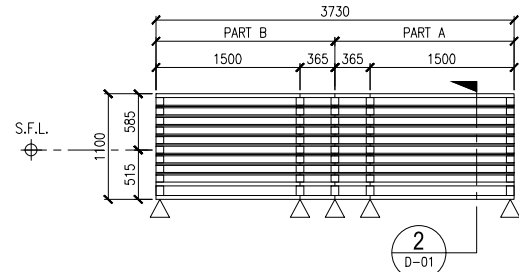
1 A/C PLATFORM LOCATION PLAN (AC6.2&AC6.3)
SCALE: 1 : 40 AC6.2 (AT T2/E/18F~33F)
AC6.3 (AT T2/E/2F~17F)

1a ELEVATION (AC6.2&AC6.3)
SCALE: 1 : 40 AC6.2 (AT T2/E/18F~33F)
AC6.3 (AT T2/E/2F~17F)



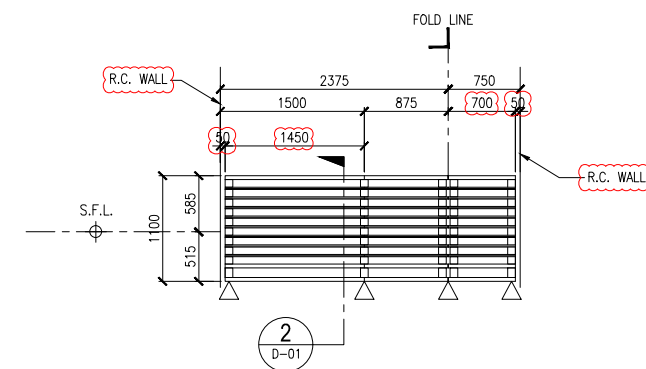
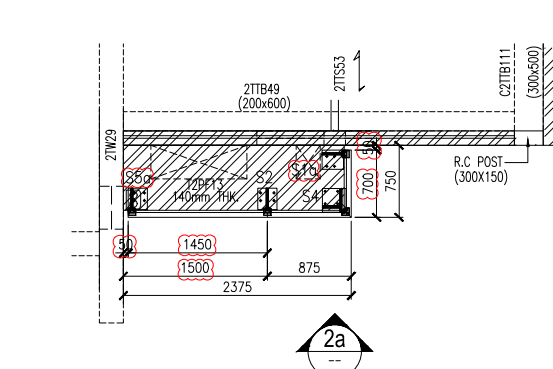
COLOR SCHEDULE

A/C GRILLE MARK	PART A	PART B	PART C	Qty.
AC7.3	WHITE	WHITE	WHITE	15
AC7.2	GREY	GREY	GREY	13



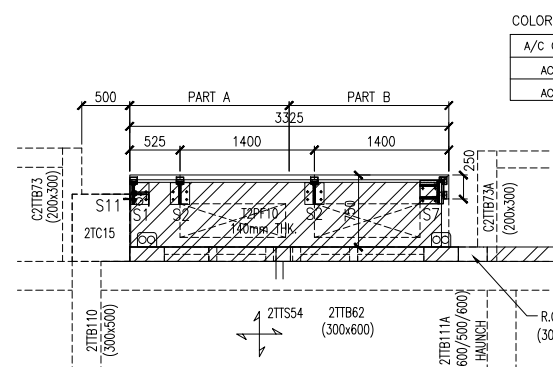
7 A/C PLATFORM LOCATION PLAN (AC7.2&AC7.3)
SCALE: 1 : 40 AC7.3(AT T2/H&G/18F~33F)
AC7.2(AT T2/H&G/1F~17F)

7a ELEVATION (AC7.2&AC7.3)
SCALE: 1 : 40 AC7.3(AT T2/H&G/18F~33F)
AC7.2(AT T2/H&G/1F~17F)



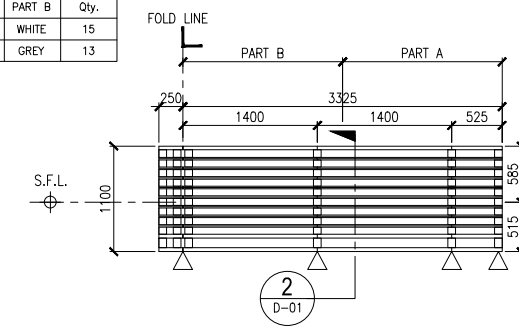
2 A/C PLATFORM LOCATION PLAN (AC10.1)
SCALE: 1 : 40 (AT T2A/B/2F~33F)

2a ELEVATION (AC10.1)
SCALE: 1 : 40 (AT T2A/B/2F~33F)



COLOR SCHEDULE

A/C GRILLE MARK	PART A	PART B	Qty.
AC11.2	WHITE	WHITE	15
AC11.3	GREY	GREY	13

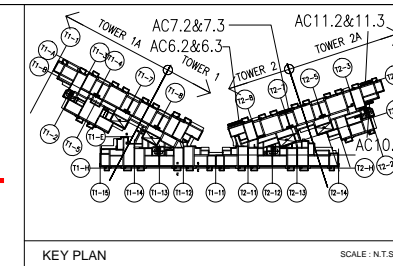


3 A/C PLATFORM LOCATION PLAN (AC11.2&AC11.3)
SCALE: 1 : 40 AC11.2 (AT T2A/B/18F~33F)
AC11.3 (AT T2A/B/2F~17F)

3a ELEVATION (AC11.2&AC11.3)
SCALE: 1 : 40 AC11.2 (AT T2A/B/18F~33F)
AC11.3 (AT T2A/B/2F~17F)

LEGEND:
A/C PLATFORM
ANCHOR BOLT BRACKET

SYMBOL:
S1: ANCHOR BOLT BRACKET REFER TO
S2&S3: ANCHOR BOLT BRACKET REFER TO
S4: ANCHOR BOLT BRACKET REFER TO
S5: ANCHOR BOLT BRACKET REFER TO
S7: ANCHOR BOLT BRACKET REFER TO
S8: ANCHOR BOLT BRACKET REFER TO
S9: ANCHOR BOLT BRACKET REFER TO
S10: ANCHOR BOLT BRACKET REFER TO
S11: ANCHOR BOLT BRACKET REFER TO



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
4. MIR. --- Mirror
X1 --- DETAIL MARK NO.
X001 --- REFER SHEET NO.

STRUCTURAL & FINISH FLOOR LEVEL FOR T1 & T2, 1/F~32/F (LOW HIGH ZONE)

FLOOR	S.F.L.	F.F.L.
1/F	+ 44.45	+ 44.50
2/F	+ 47.60	+ 47.65
3/F	+ 50.75	+ 50.80
5/F	+ 53.90	+ 53.95
6/F	+ 57.05	+ 57.10
7/F	+ 60.20	+ 60.25
8/F	+ 63.35	+ 63.40
9/F	+ 66.50	+ 66.55
10/F	+ 69.65	+ 69.70
11/F	+ 72.80	+ 72.85
12/F	+ 75.95	+ 76.00
15/F	+ 79.10	+ 79.15
16/F	+ 82.25	+ 82.30
17/F	+ 85.40	+ 85.45
18/F	+ 88.55	+ 88.60
19/F	+ 91.70	+ 91.75
20/F	+ 94.85	+ 94.90
21/F	+ 98.00	+ 98.05
22/F	+ 101.15	+ 101.20
23/F	+ 104.30	+ 104.35
25/F	+ 107.45	+ 107.50
26/F	+ 110.60	+ 110.65
27/F	+ 113.75	+ 113.80
28/F	+ 116.90	+ 116.95
29/F	+ 120.05	+ 120.10
30/F	+ 123.20	+ 123.25
31/F	+ 126.35	+ 126.40
32/F	+ 129.50	+ 129.55
33/F	+ 132.65	+ 132.70
35/F	+ 135.80	+ 135.85

NO.	DATE	REVISED	BY
B	21/09/2020	GENERAL REVISED	
A	26/06/2020	GENERAL REVISED	

CLIENT :
佳明集團控股有限公司
GRAND MING GROUP HOLDINGS LIMITED

MAIN CONTRACTOR :
GRAND TECH CONSTRUCTION CO. LTD.

ARCHITECT :
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ARCHITECTS & PLANNERS

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD

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 :
**RESIDENTIAL DEVELOPMENT AT
TSING YI TOWN LOT 190 SAI SHAN ROAD**

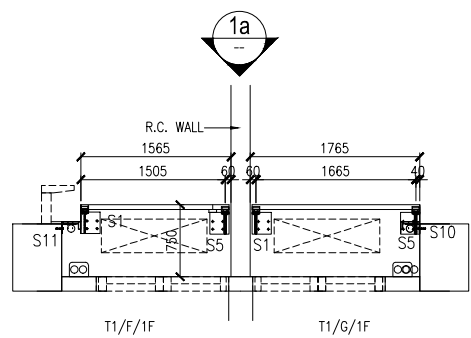
TITLE :
**ALUM. GRILLE FOR A/C PLATFORM
PARTIAL PLAN & PARTIAL ELEVATION
(AC6.2, AC6.3, AC7.2, AC7.3,
AC10.1, AC11, AC11.1)**

JOB NO. : J851

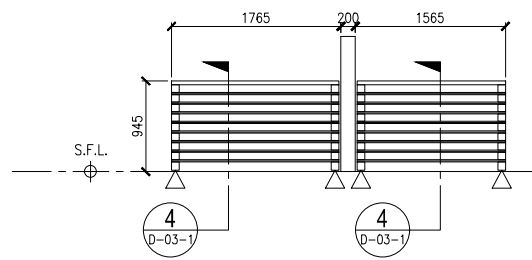
DRAWN BY : TOMMY DATE : 18-11-2019

CHKD BY : SCALE A1: 1 : 40

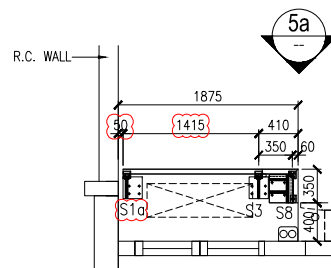
DWG. NO. : J851-AG-PE04 REV. : B



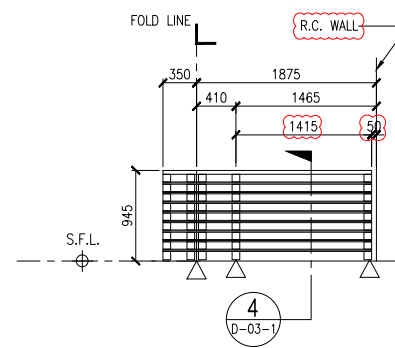
1 A/C PLATFORM LOCATION PLAN (AC7a)
SCALE: 1 : 40 (AT T1/F&G/1F)



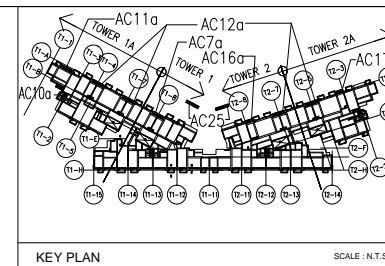
1a ELEVATION (AC7a)
SCALE: 1 : 40 (AT T1/F&G/1F)



5 A/C GRILLE BASE PLATE (AC16a)
SCALE: 1 : 40 (AT T2/F/1F)



5a ELEVATION (AC16a)
SCALE: 1 : 40 (AT T2/F/1F)



- SYMBOL:**
- S1: ANCHOR BOLT BRACKET REFER TO 1 (D-03-1)
 - S2&S3: ANCHOR BOLT BRACKET REFER TO 2 (D-03-1)
 - S4: ANCHOR BOLT BRACKET REFER TO 4 (D-03-1)
 - S5: ANCHOR BOLT BRACKET REFER TO 6 (D-03-1)
 - ~~S6: ANCHOR BOLT BRACKET REFER TO 7 (D-03-1)~~
 - S7: ANCHOR BOLT BRACKET REFER TO 1 (D-03-1)
 - S8: ANCHOR BOLT BRACKET REFER TO 2 (D-03-1)
 - S9: ANCHOR BOLT BRACKET REFER TO 5 (D-03-1)
 - S10: ANCHOR BOLT BRACKET REFER TO 1 (D-03-1)
 - S11: ANCHOR BOLT BRACKET REFER TO 2 (D-03-1)
- △ -- ANCHOR BOLT BRACKET

F.S.D. REF :

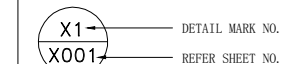
Note :

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

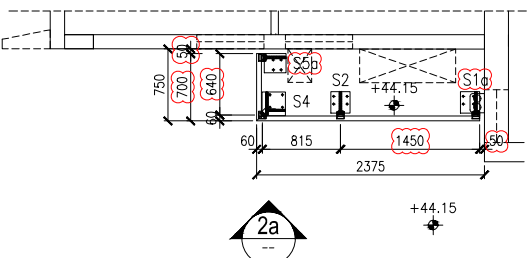
Legend :

1. F.F.L.-- Finished Floor Level
2. S.F.L.-- Structural Floor Level
3. (R) -- Reversed Detail
4. MIR. -- Mirror

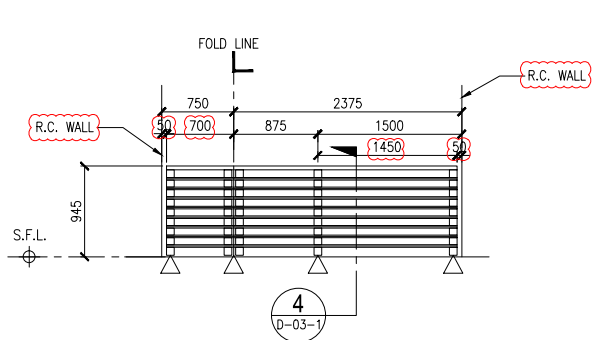


STRUCTURAL & FINISH FLOOR LEVEL FOR T1 & T2, 1/F to 32/F (LOW, HIGH ZONE)

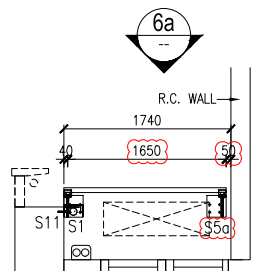
FLOOR	S.F.L.	F.F.L.
1/F	+ 44.45	+ 44.50
2/F	+ 47.60	+ 47.65
3/F	+ 50.75	+ 50.80
4/F	+ 53.90	+ 53.95
5/F	+ 57.05	+ 57.10
6/F	+ 60.20	+ 60.25
7/F	+ 63.35	+ 63.40
8/F	+ 66.50	+ 66.55
9/F	+ 69.65	+ 69.70
10/F	+ 72.80	+ 72.85
11/F	+ 75.95	+ 76.00
12/F	+ 79.10	+ 79.15
13/F	+ 82.25	+ 82.30
14/F	+ 85.40	+ 85.45
15/F	+ 88.55	+ 88.60
16/F	+ 91.70	+ 91.75
17/F	+ 94.85	+ 94.90
18/F	+ 98.00	+ 98.05
19/F	+ 101.15	+ 101.20
20/F	+ 104.30	+ 104.35
21/F	+ 107.45	+ 107.50
22/F	+ 110.60	+ 110.65
23/F	+ 113.75	+ 113.80
24/F	+ 116.90	+ 116.95
25/F	+ 120.05	+ 120.10
26/F	+ 123.20	+ 123.25
27/F	+ 126.35	+ 126.40
28/F	+ 129.50	+ 129.55
29/F	+ 132.65	+ 132.70
30/F	+ 135.80	+ 135.85
31/F	+ 138.95	+ 139.00
32/F	+ 142.10	+ 142.15
33/F	+ 145.25	+ 145.30
35/F	+ 148.40	+ 148.45



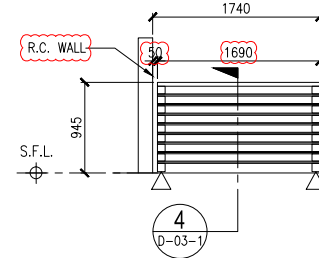
2 A/C PLATFORM LOCATION PLAN (AC10b)
SCALE: 1 : 40 (AT T1A/C/1F)



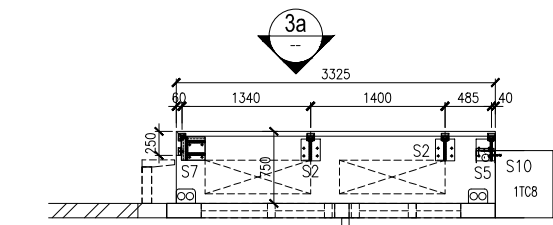
2a ELEVATION (AC10b)
SCALE: 1 : 40 (AT T1A/C/1F)



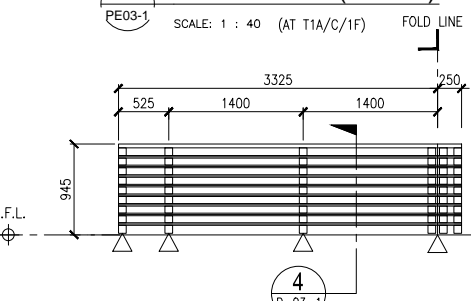
6 A/C GRILLE BASE PLATE (AC17a)
SCALE: 1 : 40 (AT T2A/C/1F)



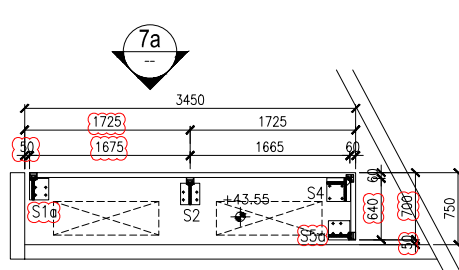
6a ELEVATION (AC17a)
SCALE: 1 : 40 (AT T2A/C/1F)



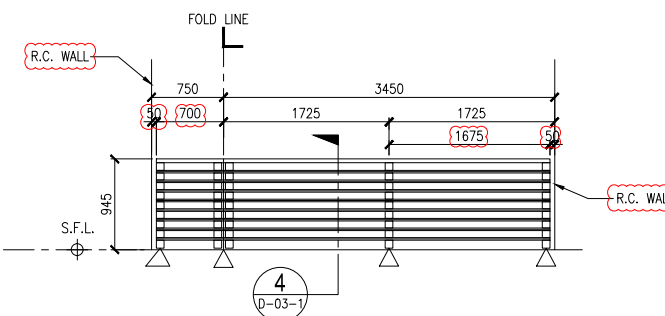
3 A/C PLATFORM LOCATION PLAN (AC11a)
SCALE: 1 : 40 (AT T1A/C/1F)



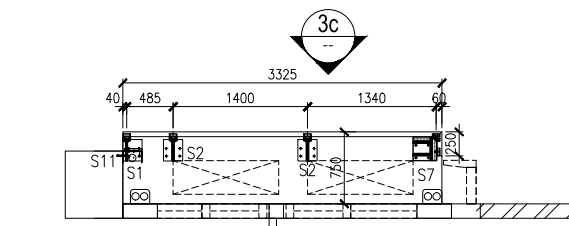
3a ELEVATION (AC11a)
SCALE: 1 : 40 (AT T1A/C/1F)



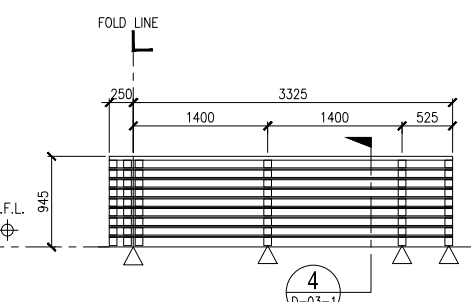
7 A/C GRILLE BASE PLATE (AC25)
SCALE: 1 : 40 (AT T1/E/1F, AT T2/E/1F)



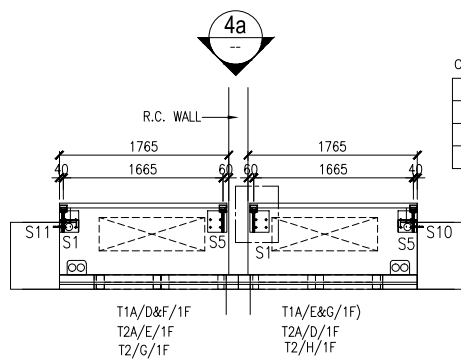
7a ELEVATION (AC25)
SCALE: 1 : 40 (AT T1/E/1F, AT T2/E/1F)



3b A/C PLATFORM LOCATION PLAN (AC11b)
SCALE: 1 : 40 (AT T2A/B/1F)



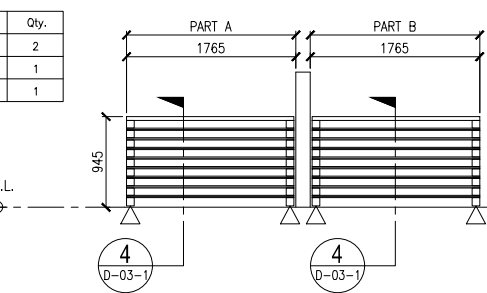
3c ELEVATION (AC11b)
SCALE: 1 : 40 (AT T2A/B/1F)



4 A/C GRILLE BASE PLATE (AC12a, AC12a.1 & AC12a.2)
SCALE: 1 : 40

COLOR SCHEDULE

A/C GRILLE MARK	PART A	PART B	Qty.
AC12a	WHITE	WHITE	2
AC12a.1	GREY	GREY	1
AC12a.2	GREY	WHITE	1



4a ELEVATION AC12a, AC12a.1 & AC12a.2)
SCALE: 1 : 40

COLOR SCHEDULE

A/C GRILLE MARK	PART A	PART B	PART C	Qty.	A/C GRILLE MARK	PART A	PART B	PART C	Qty.
AC1	GREY	GREY	/	28	AC12	GREY	GREY	GREY	15
AC2	GREY	/	/	28	AC12.1	WHITE	WHITE	WHITE	26
AC3	GREY	GREY	/	28	AC12.2	WHITE	GREY	GREY	15
AC4	GREY	GREY	/	28	AC12.3	GREY	WHITE	GREY	28
AC4a	GREY	GREY	/	28	AC12a	WHITE	WHITE	/	2
AC5	WHITE	WHITE	/	28	AC12a.1	GREY	GREY	/	1
AC6	GREY	GREY	/	15	AC12a.2	GREY	WHITE	/	1
AC6.1	WHITE	WHITE	/	13	AC13	GREY	GREY	/	1
AC6.2	GREY	GREY	/	15	AC14	WHITE	WHITE	/	1
AC6.3	WHITE	WHITE	/	13	AC15	GREY	GREY	/	28
AC7	WHITE	WHITE	WHITE	15	AC16	WHITE	WHITE	/	28
AC7.1	WHITE	GREY	GREY	13	AC16a	WHITE	WHITE	/	1
AC7.2	GREY	GREY	GREY	13	AC17	WHITE	WHITE	/	28
AC7.3	WHITE	WHITE	WHITE	15	AC17a	WHITE	WHITE	/	1
AC7a	WHITE	GREY	/	1	AC18	GREY	GREY	/	29
AC8	GREY	GREY	/	28	AC19	GREY	GREY	/	27
AC9	GREY	GREY	/	28	AC20	GREY	GREY	/	28
AC10	GREY	GREY	/	28	AC21	GREY	GREY	/	27
AC10.1	GREY	GREY	/	28	AC22	GREY	GREY	/	1
AC10a	GREY	GREY	/	1	AC23	GREY	GREY	/	1
AC10b	GREY	GREY	/	1	AC24	GREY	GREY	/	1
AC11	WHITE	WHITE	/	15	AC25	WHITE	WHITE	/	2
AC11.1	GREY	GREY	/	13	AC26	GREY	GREY	/	1
AC11.2	WHITE	WHITE	/	15					
AC11.3	GREY	GREY	/	13					
AC11a	GREY	GREY	/	1					
AC11b	GREY	GREY	/	1					

No.	DATE	REVISED	BY
E	21/09/2020	GENERAL REVISED	
D	26/06/2020	GENERAL REVISED	
C	15/05/2020	GENERAL REVISED	
B	03/04/2020	GENERAL REVISED	
A	31/03/2020	GENERAL REVISED	

CLIENT :

佳明集團控股有限公司
GRAND MING GROUP HOLDINGS LIMITED

MAIN CONTRACTOR :

GRAND TECH CONSTRUCTION CO. LTD.

ARCHITECT :



STRUCTURAL ENGINEER :



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)2772666

PROJECT :

**RESIDENTIAL DEVELOPMENT AT
TSING YI TOWN LOT 190 SAI SHAN ROAD**

TITLE :

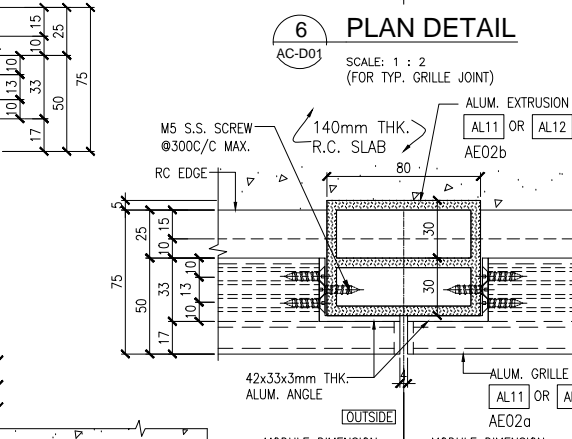
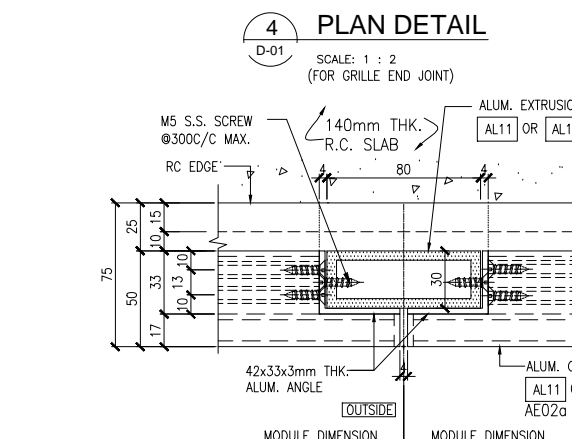
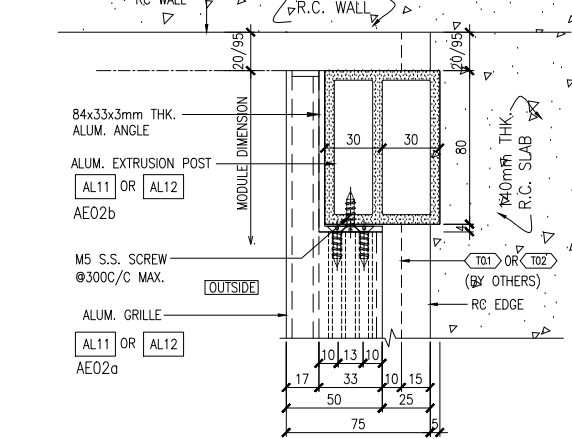
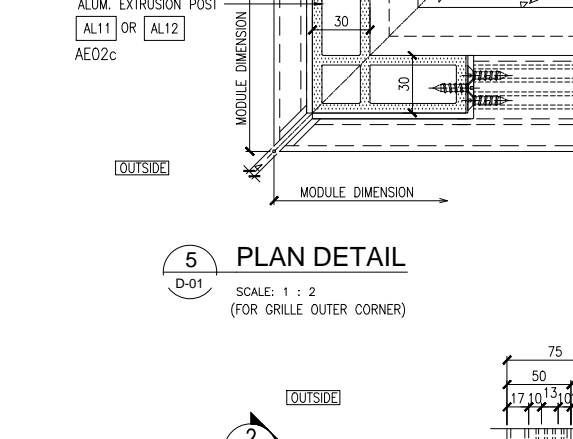
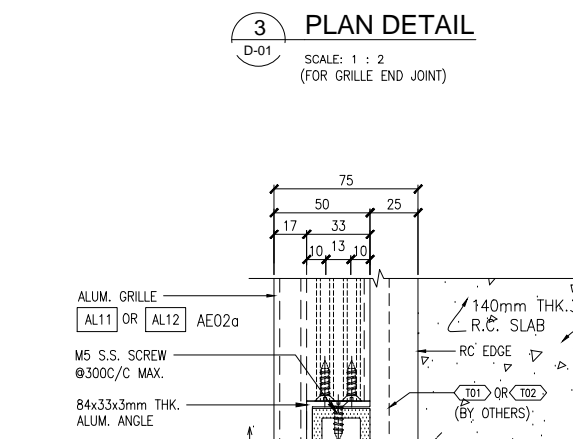
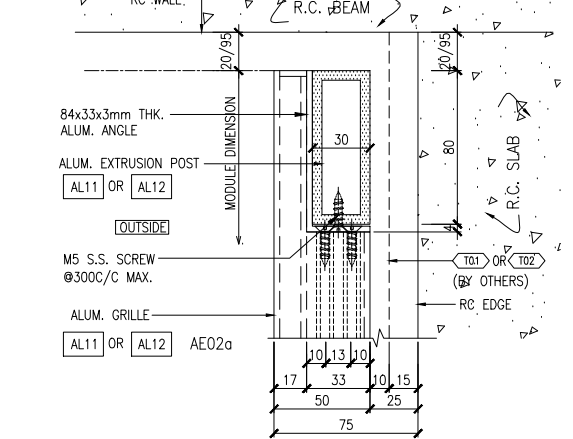
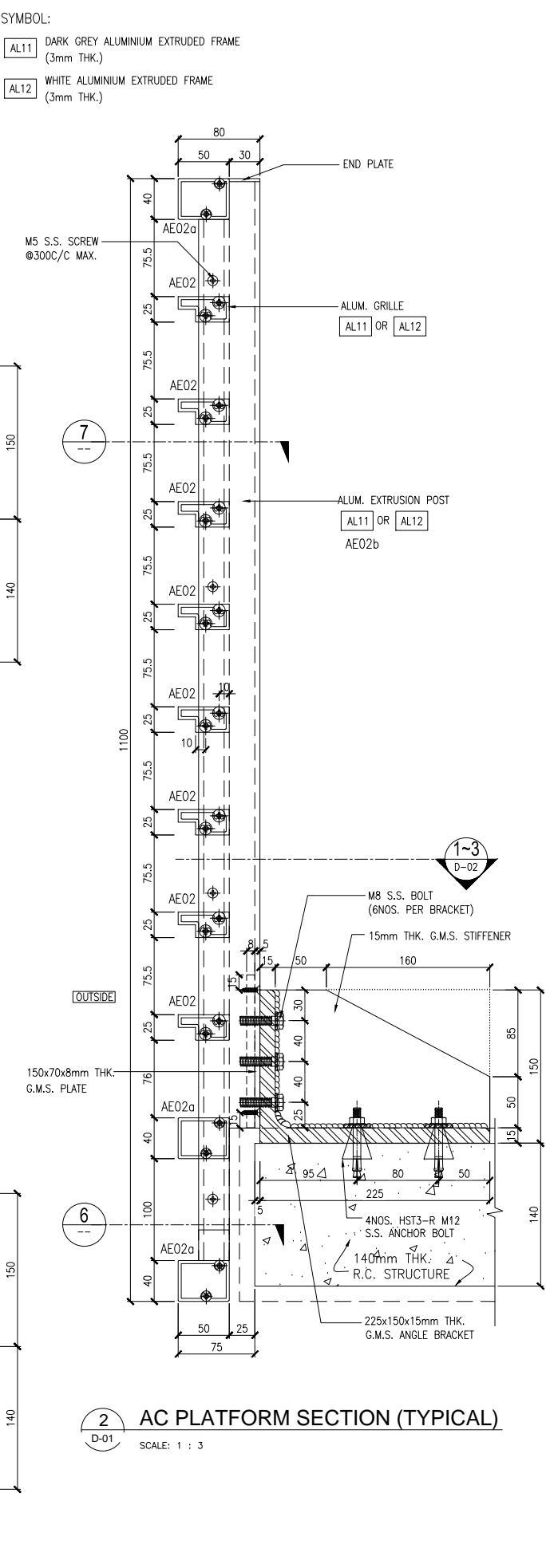
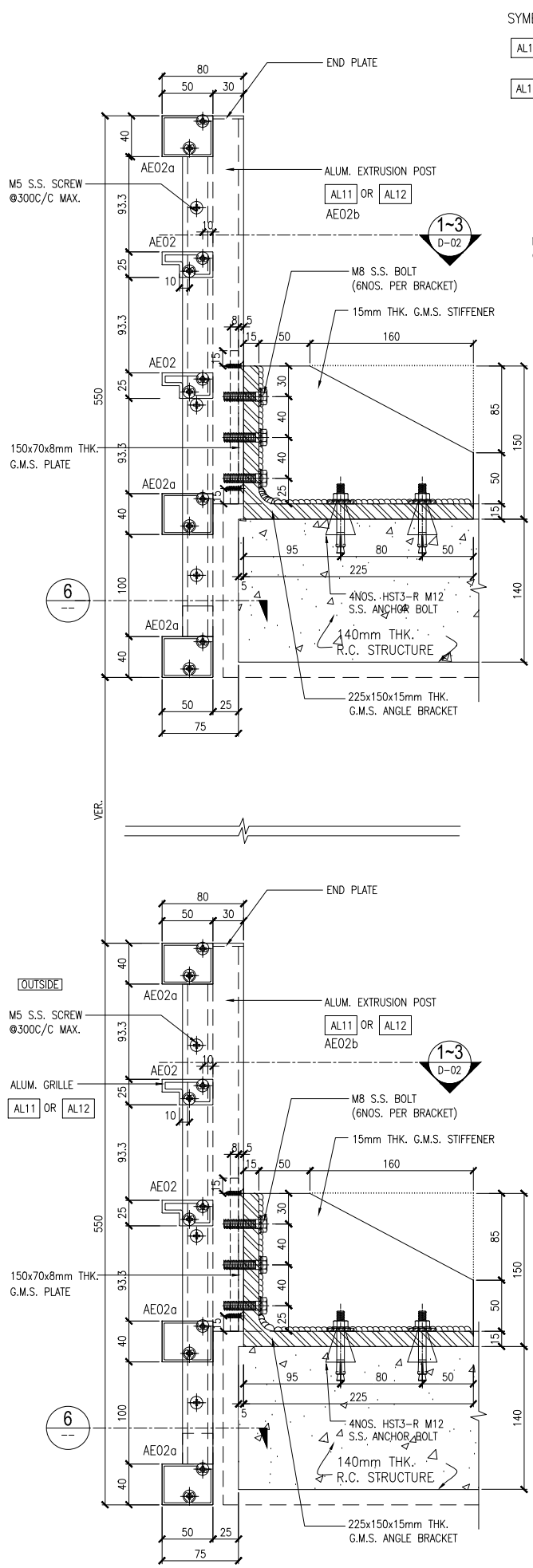
**A/C GRILLE BASE PLATE LAYOUT PLAN
1/F**

JOB NO. : J851

DRAWN BY : TOMMY DATE : 18-11-2019

CHKD BY : SCALE A1: 1 : 40

DWG. NO. : J851-AC-PE03-1 REV. : E



SYMBOL:
AL11 DARK GREY ALUMINIUM EXTRUDED FRAME (3mm THK.)
AL12 WHITE ALUMINIUM EXTRUDED FRAME (3mm THK.)

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
4. M.I.R. --- Mirror

NOTES:
1. ALL WELDING OF STEEL FRAME TO BE 4mm F.W. ON TWO SIDES MIN. LENGTH=30mm AT EACH SIDE, UNLESS OTHERWISE STATED.

ANCHOR BOLT LEGEND :
HILTI HST3-R M10 ANCHOR BOLTS
HILTI HST3-R M12 ANCHOR BOLTS
M5 S.S. SCREW @300C/C MAX.

WELDING LEGEND:
SITE WELD
WELD ALL ROUND
LOCATION OF WELD
DEPTH OF WELD
WELD ON ARROW SIDE
LENGTH OF WELD
WELD ON OTHER SIDE

ALUM. EXTRUSION SCHEDULE
AE02 50x25x3mm THK.
AE02a 50x40x3mm THK.
AE02b 80x60x5mm THK.
AE02c 80x80x5mm THK.

C	15/05/2020	GENERAL REVISED	
B	31/03/2020	GENERAL REVISED	
A	06/02/2020	DETAIL 8 ADDED	
NO.	DATE	REVISED	BY

CLIENT :
佳明集團控股有限公司
GRAND MING GROUP HOLDINGS LIMITED

MAIN CONTRACTOR :
GRAND TECH CONSTRUCTION CO. LTD.

ARCHITECT :
WONG TUNG & PARTNERS LIMITED
ARCHITECTS & PLANNERS

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD

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 :
RESIDENTIAL DEVELOPMENT AT
TSING YI TOWN LOT 190 SAI SHAN ROAD

TITLE :
A/C GRILLE TYPICAL DETAILS

JOB NO. :	J851
DRAWN BY :	DL
DATE :	18-11-2019
CHKD BY :	
SCALE :	A1: 1:3
DWG. NO. :	J851-AG-D-01
REV. :	C

