

工程指示 / 要求簡箋(E.I.)

工程指示編號：EI / 4208 / 21

修改版次：A

工程編號：J - 858

工程名稱：將軍澳日出康城 11

工程項目：佛沙窗大圖 (保護方案用) (7TH 大圖)

收件人：生統 / 王良

發件人：Eric Liu

日期：17/02/2022

要求提供 / 確認 事項：

- () 初步鋁料 B.M. () 加工拆圖，然後生產 () 尺寸表
- () 正式鋁料 B.M. () 技術上資料 / 指示 () 報價
- () 配件 B.M. () 樣辦或貨品說明書 () 分判合約

內容：

A 版: 提供最新圖紙(7TH 大圖)，請按此提供保護方案

現提供佛沙窗大圖，請安排提供保護方案

謝謝

請在 2022.02.21 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 *梅* () 小羅 & 清 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

分發其他分判：
王良

- () 水洪 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：

HK0260 / 21

發件人簽署：

項目經理簽署：

PROJECT :

**PROPOSED RESIDENTIAL DEVELOPMENT
AT TKOTL 7ORP, PHASE 11, LOHAS PARK, TSEUNG KWAN O, N.T.**

7

TITLE : SHOP DRAWING FOR
PRECAST ALUMINIUM WINDOW

DATE: 09- Feb - 2022

DRAWING SUBMISSION REGISTER

PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK, TSEUNG KWAN O, N.T.	DATE OF ISSUE							SUBMISSION STATE (FOR B.D / A.S.D)			SUBMISSION STATE (FOR CLIENT / CONSULTANT)			SUBMISSION STATE (FOR ARCHITECT)			FABRICATION / CONSTRUCTION STATE					
	ISSUE	01	02	03	04	05	06	AP - APPROVED			AP - APPROVED			AP - APPROVED			ISSUE TO CHINA OFFICE		ISSUE TO SITE		ISSUE TO SUB-CONTRACTOR	
	DAY	15	28	11	30	09	09	AC - APPROVED SUB. TO CONDITION			AC - APPROVED SUB. TO CONDITION			AC - APPROVED SUB. TO CONDITION								
	MONTH	10	10	11	11	12	02	NA - NOT APPROVED			NA - NOT APPROVED			NA - NOT APPROVED								
	YEAR	21	21	21	21	21	22															
DRAWING TITLE	DWG. NO.	REVISIONS					COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE	
COVERPAGE	J-858-PW-0000	-	A	B	C	D	E															
DRAWING SUBMISSION REGISTER	J-858-PW-0001	-	A	B	C	D	D															
GENERAL NOTE OF ALUM. WINDOW	J-858-PW-0002	-	A	A	A	B	B															
SECTION PROFILE FOR ALUM. WINDOW	J-858-PW-0003	-	A	A	B	C	C															
PRECAST ALUM. WINDOW SCHEDULE	J-858-PW-2101	-	A	A	A	B	B															
PRECAST ALUM. WINDOW SCHEDULE	J-858-PW-2102	-	A	B	B	C	C															
PRECAST ALUM. WINDOW SCHEDULE	J-858-PW-2103	-	A	B	B	C	C															
PRECAST ALUM. WINDOW SCHEDULE	J-858-PW-2104	-	A	A	B	B																
PRECAST ALUM. WINDOW SCHEDULE	J-858-PW-2105	-	A	A																		
FULL PLAN LAYOUT (FOR T1 9TH FLOOR PLAN)	J-858-PW-3101	-	A	A	A	A	A															
FULL PLAN LAYOUT (FOR T1 10TH, 12TH-39TH, 41ST-52ND FLOOR PLAN)	J-858-PW-3102	-	A	A	A	A	A															
FULL PLAN LAYOUT (FOR T1 53RD-61ST FLOOR PLAN)	J-858-PW-3103	-	A	A	A	A	A															
FULL PLAN LAYOUT (FOR T1 62ND FLOOR PLAN)	J-858-PW-3104	-	A	A	A	A	A															
FULL PLAN LAYOUT (FOR T2 9TH FLOOR PLAN)	J-858-PW-3201	-	A	A	B	B	B															
FULL PLAN LAYOUT (FOR T2 10TH, 12TH-39TH, 41ST-66TH FLOOR PLAN)	J-858-PW-3202	-	A	A	B	B	B															
FULL PLAN LAYOUT (FOR T2 67TH FLOOR PLAN)	J-858-PW-3203	-	A	A	B	B	B															
FULL PLAN LAYOUT (FOR T3 9TH FLOOR PLAN)	J-858-PW-3301	-	A	A																		
FULL PLAN LAYOUT (FOR T3 10TH, 12TH-39TH, 41ST-66TH FLOOR PLAN)	J-858-PW-3302	-	A	A																		
FULL PLAN LAYOUT (FOR T3 67TH FLOOR PLAN)	J-858-PW-3303	-	A	A																		
TYPICAL DETAIL FOR PRECAST ALUM. WINDOW	J-858-PW-5001	-	A	A	B	B	B															
TYPICAL DETAIL FOR PRECAST ALUM. WINDOW	J-858-PW-6001	-	A	A	B	B	B															
TYPICAL DETAIL FOR PRECAST ALUM. WINDOW	J-858-PW-6002	-	A	A	B	B	B															
ALUM. WINDOW SECTION FIXING DETAIL	J-858-PW-8001	-	A	A	A	A	A															
ALUM. SIDE HUNG WINDOW TYPICAL LOCK & HINGES DETAIL	J-858-PW-8002	-	A	A	B	B	B															
G.M.S. FIXING LUG TYPICAL DETAIL	J-858-PW-8003	-	-	-	-	-	-															
TYPICAL EARTHING BONDING DETAILS OF PRECAST	J-858-PW-8004	-	-	-	A	A	A															

B.D. REF :

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

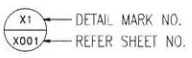
ARCHITECT :
 ronald lu & partners
 Architects, Planners, Interior Designers
 Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :
 Gammon

STRUCTURAL ENGINEER :
 AECOM

FACADE CONSULTANT:
 AECOM

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

LEGEND :
 X1 --- DETAIL MARK NO.
 X001 --- REFER SHEET NO.
 1. F.F.L. -- FINISHED FLOOR LEVEL
 2. S.F.L. -- STRUCTURAL FLOOR LEVEL
 3. (R) -- REVERSED DETAIL

E 20-01-2022	REVISED AS PER ARCHITECT COMMENT	
D 08-12-2021	REVISED AS PER ARCHITECT COMMENT	
C 15-11-2021	REVISED AS PER ARCHITECT COMMENT	
B 11-11-2021	REVISED AS PER ARCHITECT COMMENT	
A 28-10-2021	REVISED AS PER ARCHITECT COMMENT	
NO.	DATE	REVISED BY

JOB NO. : J-858
 PROJECT :
 PROPOSED RESIDENTIAL DEVELOPMENT
 AT TKOTL 70RP, PHASE 11, LOHAS PARK
 TSEUNG KWAN O, N.T.

TITLE :
 DRAWING LIST FOR
 PRECAST ALUM. WINDOW

DATE : 04-OCT-21 SCALE : 1:1
 DRAWN BY : CHECKED BY :

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

DWG NO. : J858-PW-0001 REV. : E

GENERAL NOTES FOR ALUM. WINDOW

(A) DESIGN LOAD

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

FOR T1 FROM 9/F ~ 62/F, T2, T3 FROM 9/F ~ 67/F

MAX HEIGHT OF BUILDING FOR SITE GROUND LEVEL TO UPPER ROOF = 184.1 m

MAX DESIGN WIND PRESSURE = $3.13 \text{ kPa} \times 1.4 = 4.382 \text{ kPa}$

TOTAL PRESSURE COEFFICIENT FOR INDIVIDUAL ELEMENTS = -1.4

IMPOSED LOAD

HORIZONTAL IMPOSED LOAD SHALL BE COMPLIED WITH B(C)R:2011.

DEAD LOAD

BASED ON THE CODE OF PRACTICE FOR DEAD AND IMPOSED COAD 2011

GLASS WEIGHT	26 kN/m ²
ALUMINIUM WEIGHT	27.2 kN/m ²
STEEL WEIGHT	78.5 kN/m ²

(B) STANDARD AND CODES

- HONG KONG BUILDING (CONSTRUCTION) REGULATION CAP 123
- CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004
- CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011
- CODE OF PRACTICE FOR THE STRUCTURAL USE OF CONCRETE 2013
- BS 8118 : 1991 - STRUCTURAL USE OF ALUMINIUM
- DESIGN OF ALUMINIUM WINDOW SHALL COMPLY WITH PNAP248(APP-116) AND PNPA106(APP-37)
- CODE OF PRACTICE FOR THE STRUCTURAL USE OF GLASS 2018
- CODE OF PRACTICE OF DEAD AND IMPOSED LOAD 2011

(C) ALUMINIUM EXTRUSION

- ALUMINIUM ALLOY FOR EXTRUDED STRUCTURAL MEMBER TO BE GRADE 6063-T6 UNLESS OTHERWISE SPECIFIED
- MECHANICAL PROPERTIES COMPLY WITH BS EN 755-2 2016
- BEND STRENGTH = 160 MPa
- TENSILE STRENGTH = 175 MPa
- SHEAR STRENGTH = 95 MPa
- ULTIMATED TENSILE STRENGTH = 215 MPa
- MODULUS OF ELASTICITY = 70000 MPa
- 0.2% TENSILE PROOF STRESS = 170 MPa

(D) ALUMINIUM SHEET

- ALUMINIUM SHEET TO BE GRADE 3003-H14
- MECHANICAL PROPERTIES COMPLY WITH BS EN 485-2
- BEND STRENGTH = 125 MPa
- TENSILE STRENGTH = 135 MPa
- SHEAR STRENGTH = 75 MPa
- ULTIMATED TENSILE STRENGTH = 145 MPa
- MODULUS OF ELASTICITY = 70000 MPa
- 0.2% TENSILE PROOF STRESS = 125 MPa

(E) STAINLESS STEEL FASTENER

- STAINLESS STEEL SCREW / BOLT; IN ACCORDANCE WITH BS. EN ISO 3506 PART 1 & 2: 2009, MECHANICAL PROPERTIES OF CORROSION RESISTANT STAINLESS STEEL FASTENERS. ALL STAINLESS STEEL FASTENERS FOR EXTRUSION USE TO BE GRADE A4-70 TO BS. EN 3506-1: 2020

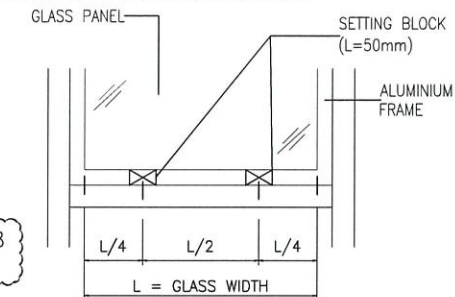
	A4-70
1.1. TENSILE STRENGTH (U _b)	700 MPa
1.2. STRESS AT 0.2% PERMANENT STRAIN (Y _b)	450 MPa
1.3. DESIGN SHEAR STRENGTH : (0.4U _b)	280 MPa
1.4. DESIGN BEARING STRENGTH : 0.7(U _b +Y _b)	450 MPa
1.5. DESIGN TENSION STRENGTH : MIN(0.7U _b , Y _b)	805 MPa

(F) SEPARATION BETWEEN DISSIMILAR MATERIAL

- CONTACT SURFACE BETWEEN DISSIMILAR MATERIAL WILL BE ISOLATED BY PLASTIC ISOLATION TAPE TO BS PD 6484

(G) SILICONE SEALANT, GASKET & SETTING BLOCK

- ALL SEALANT TO BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
- WEATHER SEALANT TO BE "DOW CORNING 791" (BLACK)
- ALL DISTANCE PIECE SHALL BE 'SILICONE RUBBER' MATERIAL FOR THOSE IN CONTACT WITH SEALANT WITH A DUROMETER HARDNESS OF 65±5 AT SURROUNDING BETWEEN ALUMINIUM FRAME AND GLASS PANEL. SANTOPRENE WEATHER STRIP.
- USE TWO SETTING BLOCK OF 'SILICONE RUBBER' MATERIAL FOR THOSE IN CONTACT WITH SEALANT WITH A DUROMETER HARDNESS OF 85±5 AT THE QUARTER, ON EITHER SIDE OF CENTER



(H) CONCRETE GRADE

- CONCRETE GRADE = 35D (MIN.)

(J) GLASS PANEL

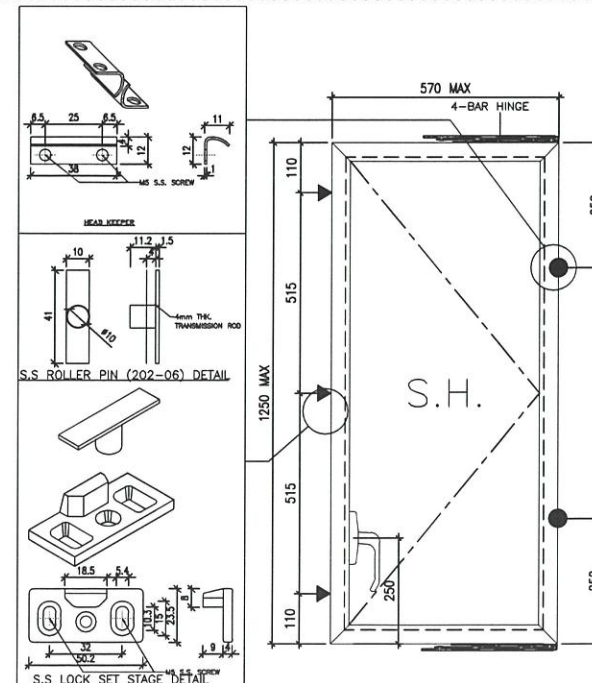
- ALL TEMPERED GLASS PANE SHALL BE COMPLIED WITH CDP GLASS 2018
- THE GLAZING OF GLASS SHALL BE COMPLIED WITH CDP GLASS 2018

GLASS MARK	GLASS TYPE	MAX. SIZE(mm)		REFER. DWG. NO:
		WIDTH	HEIGHT	
TG11	10mm THK CRYSTAL GREY TEMPERED GLASS	759	384	J858-PW-2101
TG09	6mm THK HEAT STRENGTHENED CLEAR GLASS +1.52mm MILKY WHITE PVB +6mm THK HEAT STRENGTHENED CLEAR GLASS	454	1109.5	J858-PW-2103

4. PROPERTIES OF GLASS PANEL :

DENSITY	2650 kg/m ³
MODULUS OF ELASTICITY	70000 N/mm ²
ALLOWABLE BENDING STRESS FOR TEMPERED GLASS	50 N/mm ²
FACTOR OF SAFETY	2.5

- ALLOWABLE DEFLECTION OF GLASS = SPAN / 60
- 100% HEAT-SOAK TEST FOR TEMPERED GLASS SHALL COMPLY WITH PNAP APP-37 AND BS EN 1479-1:2016
- TEST REPORT TO ASTM C1279 INDICATION SURFACE COMPRESSION OF HEAT STRENGTHENED GLASS AND TEMPERED GLASS COMPLIES WITH ASTM C1048 TO BE SUBMITTED
- HEAT STRENGTHENED GLASS SHALL HAVE SURFACE COMPRESSION WITHIN 24MPa~52MPa, TEMPERED GLASS SHALL HAVE SURFACE COMPRESSION NOT LESS THAN 69MPa
- COLOR CODE: SILVER CHAMPAGNE (UC70202F)



B.D. REF :

CLIENT :

信和置業有限公司
Sino Land Company Limited

ARCHITECT :

ronald lu & partners
Architects, Planners, Interior Designers
Ronald Lu & Partners (HK) Ltd.
呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

Gammon

STRUCTURAL ENGINEER :

AECOM

FAÇADE CONSULTANT:

AECOM

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
- ⊗ -- REVERSED DETAIL

NO.	DATE	REVISED	BY
D	20-01-2022	REVISED AS PER ARCHITECT COMMENT	
C	28-12-2021	REVISED AS PER ARCHITECT COMMENT	
B	23-11-2021	REVISED AS PER ARCHITECT COMMENT	
A	28-10-2021	REVISED AS PER ARCHITECT COMMENT	

JOB NO. : J-858

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

TITLE :

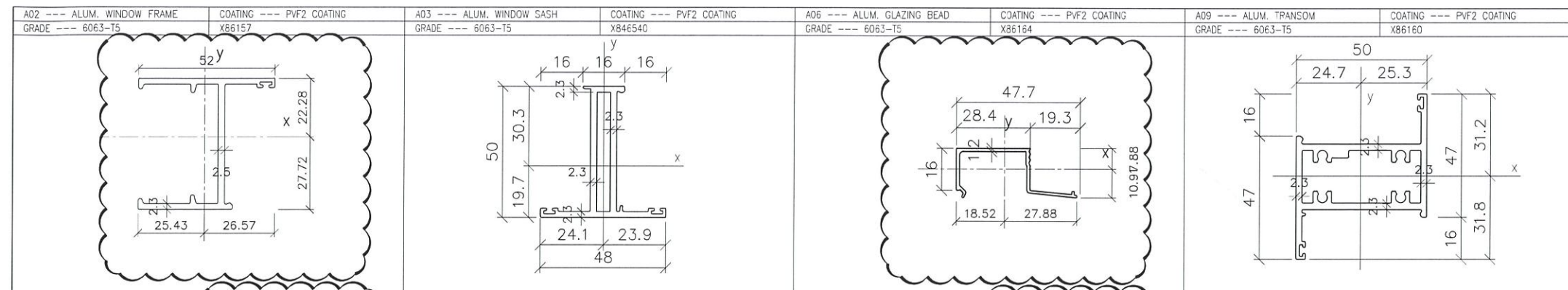
GENERAL NOTES OF ALUM. WINDOW

DATE : 04-OCT-21 SCALE : 1:250

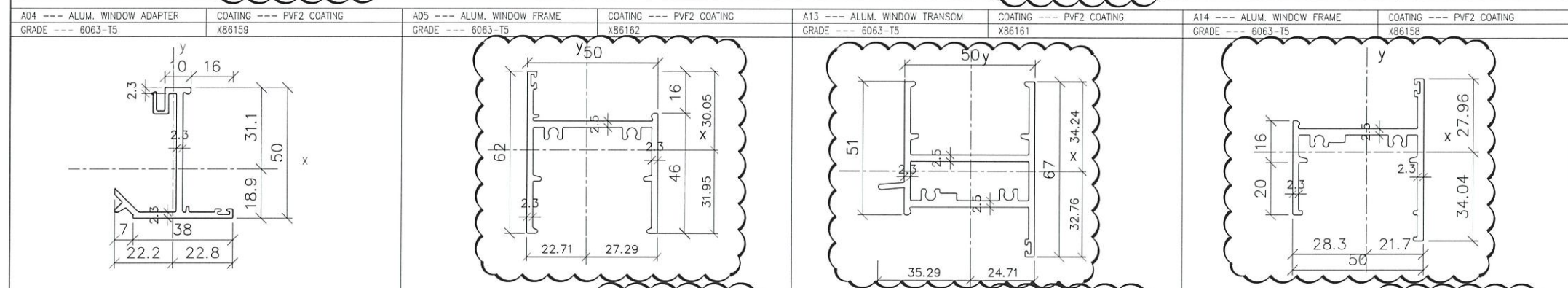
DRAWN BY : CHECKED BY :

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

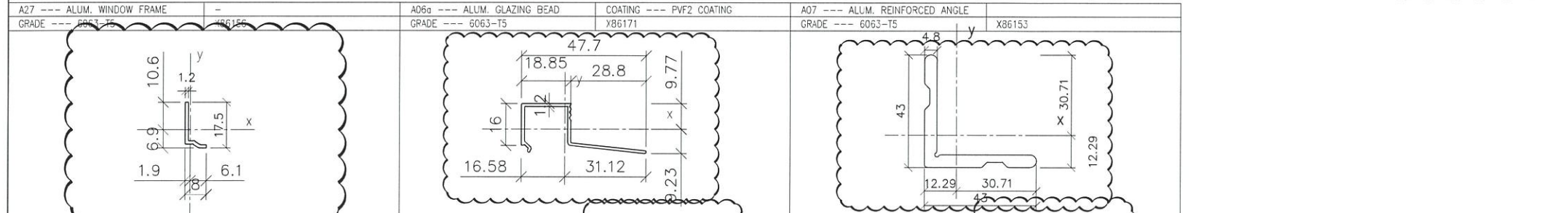
DWG NO. : J858-PW-0002 REV. : D



Item	VALUES	Item	VALUES	Item	VALUES	Item	VALUES
MASS PROPERTIES (UNIT)		MASS PROPERTIES (UNIT)		MASS PROPERTIES (UNIT)		MASS PROPERTIES (UNIT)	
Area (mm ²):	334.01	Area (mm ²):	355.44	Area (mm ²):	95.69	Area (mm ²):	532.53
Perimeter (mm):	294.23	Perimeter (mm):	331.13	Perimeter (mm):	165.17	Perimeter (mm):	451.29
Bounding Box - X (mm):	-25.43 to 26.57	Bounding Box - X (mm):	-24.11 to 23.89	Bounding Box - X (mm):	-18.52 to 27.88	Bounding Box - X (mm):	-24.66 to 25.34
Bounding Box - Y (mm):	-27.72 to 22.28	Bounding Box - Y (mm):	-19.66 to 30.34	Bounding Box - Y (mm):	-10.91 to 7.88	Bounding Box - Y (mm):	-31.76 to 31.24
Centroid - X (mm):	0.00	Centroid - X (mm):	0.00	Centroid - X (mm):	0.00	Centroid - X (mm):	0.00
Centroid - Y (mm):	0.00	Centroid - Y (mm):	0.00	Centroid - Y (mm):	0.00	Centroid - Y (mm):	0.00
Moments of inertia - X (mm ⁴):	140410.02	Moments of inertia - X (mm ⁴):	110220.71	Moments of inertia - X (mm ⁴):	4641.09	Moments of inertia - X (mm ⁴):	90114.79
Moments of inertia - Y (mm ⁴):	49406.75	Moments of inertia - Y (mm ⁴):	29130.11	Moments of inertia - Y (mm ⁴):	19207.37	Moments of inertia - Y (mm ⁴):	180076.93
Product of inertia - XY (mm ⁴):	16951.80	Product of inertia - XY (mm ⁴):	410.30	Product of inertia - XY (mm ⁴):	-3956.66	Product of inertia - XY (mm ⁴):	41817.33
Radius of gyration - X (mm):	20.50	Radius of gyration - X (mm):	17.37	Radius of gyration - X (mm):	6.96	Radius of gyration - X (mm):	13.01
Radius of gyration - Y (mm):	12.18	Radius of gyration - Y (mm):	8.46	Radius of gyration - Y (mm):	14.17	Radius of gyration - Y (mm):	18.39
Principal moments along X-Y (mm ⁴):	46366.41 along [0.18 0.98]	Principal moments along X-Y (mm ⁴):	28128.11 along [0.00 1.00]	Principal moments along X-Y (mm ⁴):	3635.73 along [0.97 -0.25]	Principal moments along X-Y (mm ⁴):	73579.36 along [0.93 0.37]
Principal moments along Y-X (mm ⁴):	143430.36 along [-0.98 0.18]	Principal moments along Y-X (mm ⁴):	110222.71 along [-1.00 0.00]	Principal moments along Y-X (mm ⁴):	20212.73 along [0.25 0.97]	Principal moments along Y-X (mm ⁴):	196512.35 along [-0.37 0.93]
Elastic Modulus - Zx (mm ³):	1 / y-max= 5065.57	Elastic Modulus - Zx (mm ³):	1 / y-max= 3632.50	Elastic Modulus - Zx (mm ³):	1 / y-max= 425.35	Elastic Modulus - Zx (mm ³):	1 / y-max= 2837.46
Elastic Modulus - Zy (mm ³):	J / x-max= 1859.27	Elastic Modulus - Zy (mm ³):	J / x-max= 1083.83	Elastic Modulus - Zy (mm ³):	J / x-max= 689.05	Elastic Modulus - Zy (mm ³):	J / x-max= 7107.20



Item	VALUES	Item	VALUES	Item	VALUES	Item	VALUES
MASS PROPERTIES (UNIT)		MASS PROPERTIES (UNIT)		MASS PROPERTIES (UNIT)		MASS PROPERTIES (UNIT)	
Area (mm ²):	283.14	Area (mm ²):	416.65	Area (mm ²):	588.91	Area (mm ²):	411.02
Perimeter (mm):	271.22	Perimeter (mm):	369.29	Perimeter (mm):	489.35	Perimeter (mm):	347.72
Bounding Box - X (mm):	-22.25 to 22.75	Bounding Box - X (mm):	-22.71 to 27.29	Bounding Box - X (mm):	-35.29 to 24.71	Bounding Box - X (mm):	-28.30 to 21.70
Bounding Box - Y (mm):	-18.91 to 31.09	Bounding Box - Y (mm):	-31.95 to 30.05	Bounding Box - Y (mm):	-32.76 to 34.24	Bounding Box - Y (mm):	-34.04 to 27.96
Centroid - X (mm):	0.00	Centroid - X (mm):	0.00	Centroid - X (mm):	0.00	Centroid - X (mm):	0.00
Centroid - Y (mm):	0.00	Centroid - Y (mm):	0.00	Centroid - Y (mm):	0.00	Centroid - Y (mm):	0.00
Moments of inertia - X (mm ⁴):	93810.89	Moments of inertia - X (mm ⁴):	93519.75	Moments of inertia - X (mm ⁴):	127584.51	Moments of inertia - X (mm ⁴):	72558.32
Moments of inertia - Y (mm ⁴):	24561.24	Moments of inertia - Y (mm ⁴):	175885.59	Moments of inertia - Y (mm ⁴):	228891.73	Moments of inertia - Y (mm ⁴):	161341.66
Product of inertia - XY (mm ⁴):	1093.85	Product of inertia - XY (mm ⁴):	-20630.32	Product of inertia - XY (mm ⁴):	-17638.96	Product of inertia - XY (mm ⁴):	-212.21
Radius of gyration - X (mm):	18.20	Radius of gyration - X (mm):	14.98	Radius of gyration - X (mm):	14.72	Radius of gyration - X (mm):	13.29
Radius of gyration - Y (mm):	9.31	Radius of gyration - Y (mm):	20.55	Radius of gyration - Y (mm):	19.71	Radius of gyration - Y (mm):	19.81
Principal moments along X-Y (mm ⁴):	24543.97 along [0.02 1.00]	Principal moments along X-Y (mm ⁴):	88638.53 along [0.97 -0.23]	Principal moments along X-Y (mm ⁴):	124595.60 along [0.99 -0.17]	Principal moments along X-Y (mm ⁴):	72557.82 along [1.00 0.00]
Principal moments along Y-X (mm ⁴):	93828.16 along [-1.00 0.02]	Principal moments along Y-X (mm ⁴):	180763.81 along [0.23 0.97]	Principal moments along Y-X (mm ⁴):	231580.63 along [0.17 0.99]	Principal moments along Y-X (mm ⁴):	161342.17 along [0.00 1.00]
Elastic Modulus - Zx (mm ³):	1 / y-max= 3017.04	Elastic Modulus - Zx (mm ³):	1 / y-max= 2927.03	Elastic Modulus - Zx (mm ³):	1 / y-max= 3725.93	Elastic Modulus - Zx (mm ³):	1 / y-max= 2131.69
Elastic Modulus - Zy (mm ³):	J / x-max= 1079.53	Elastic Modulus - Zy (mm ³):	J / x-max= 6444.28	Elastic Modulus - Zy (mm ³):	J / x-max= 6479.86	Elastic Modulus - Zy (mm ³):	J / x-max= 5701.47



Item	VALUES	Item	VALUES	Item	VALUES
MASS PROPERTIES (UNIT)		MASS PROPERTIES (UNIT)		MASS PROPERTIES (UNIT)	
Area (mm ²):	28.23	Area (mm ²):	89.67	Area (mm ²):	350.99
Perimeter (mm):	48.74	Perimeter (mm):	164.44	Perimeter (mm):	172.42
Bounding Box - X (mm):	-1.87 to 6.13	Bounding Box - X (mm):	-16.58 to 31.12	Bounding Box - X (mm):	-12.29 to 30.71
Bounding Box - Y (mm):	-6.87 to 10.63	Bounding Box - Y (mm):	-9.23 to 9.77	Bounding Box - Y (mm):	-12.29 to 30.71
Centroid - X (mm):	0.00	Centroid - X (mm):	0.00	Centroid - X (mm):	0.00
Centroid - Y (mm):	0.00	Centroid - Y (mm):	0.00	Centroid - Y (mm):	0.00
Moments of inertia - X (mm ⁴):	828.53	Moments of inertia - X (mm ⁴):	4287.48	Moments of inertia - X (mm ⁴):	59361.07
Moments of inertia - Y (mm ⁴):	130.95	Moments of inertia - Y (mm ⁴):	17265.10	Moments of inertia - Y (mm ⁴):	59361.07
Product of inertia - XY (mm ⁴):	-210.35	Product of inertia - XY (mm ⁴):	-5076.80	Product of inertia - XY (mm ⁴):	-33162.44
Radius of gyration - X (mm):	5.42	Radius of gyration - X (mm):	6.91	Radius of gyration - X (mm):	13.00
Radius of gyration - Y (mm):	2.15	Radius of gyration - Y (mm):	13.88	Radius of gyration - Y (mm):	13.00
Principal moments along X-Y (mm ⁴):	72.43 along [0.27 -0.96]	Principal moments along X-Y (mm ⁴):	2537.45 along [0.95 -0.33]	Principal moments along X-Y (mm ⁴):	26198.63 along [0.71 -0.71]
Principal moments along Y-X (mm ⁴):	887.05 along [0.96 0.27]	Principal moments along Y-X (mm ⁴):	19015.14 along [0.33 0.95]	Principal moments along Y-X (mm ⁴):	92523.50 along [0.71 0.71]
Elastic Modulus - Zx (mm ³):	1 / y-max= 77.98	Elastic Modulus - Zx (mm ³):	1 / y-max= 438.73	Elastic Modulus - Zx (mm ³):	1 / y-max= 1932.87
Elastic Modulus - Zy (mm ³):	J / x-max= 21.36	Elastic Modulus - Zy (mm ³):	J / x-max= 554.72	Elastic Modulus - Zy (mm ³):	J / x-max= 1032.87

B.D. REF :

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

ARCHITECT :
 Ronald Lu & Partners
 Architects, Planners, Interior Designers
 Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :
 Gammon

STRUCTURAL ENGINEER :
 AECOM

FACADE CONSULTANT:
 AECOM

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

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

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

NO.	DATE	REVISED	BY
B 08-12-2021		REVISED AS PER ARCHITECT COMMENT	
A 28-10-2021		REVISED AS PER ARCHITECT COMMENT	

JOB NO. : J-858

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

TITLE :
 SECTION PROFILE FOR
 PRECAST ALUM. WINDOW

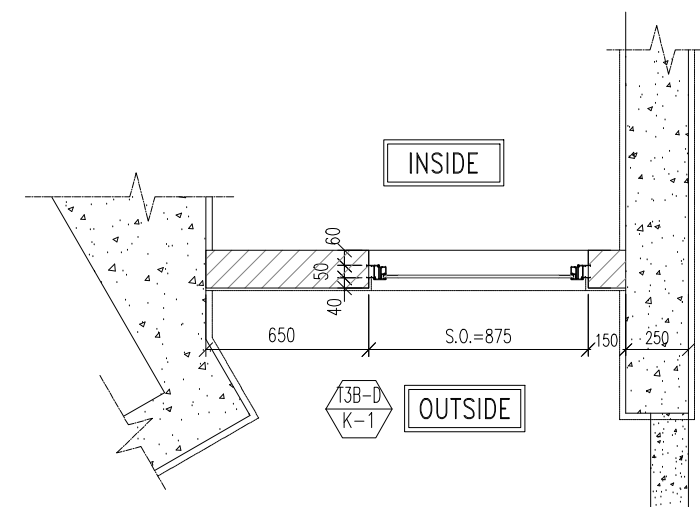
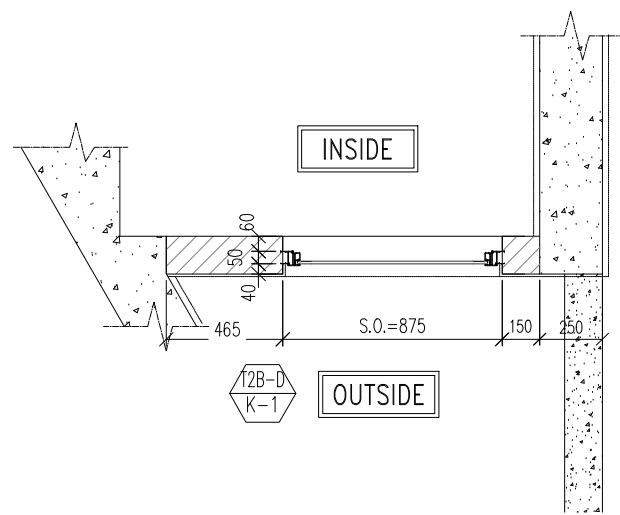
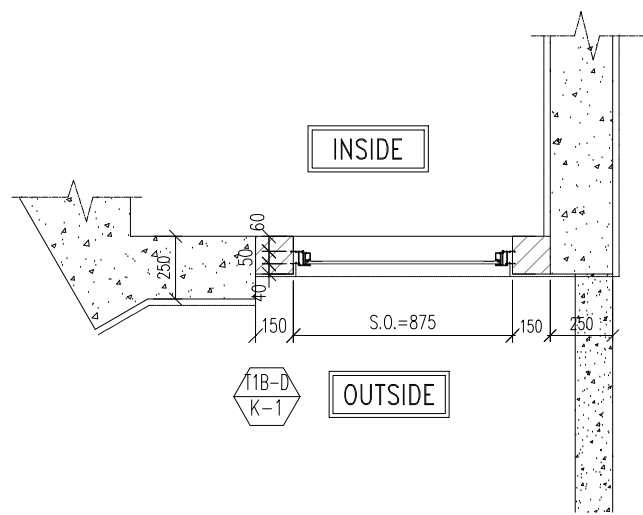
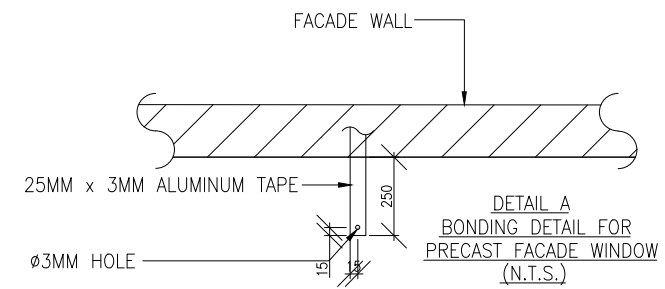
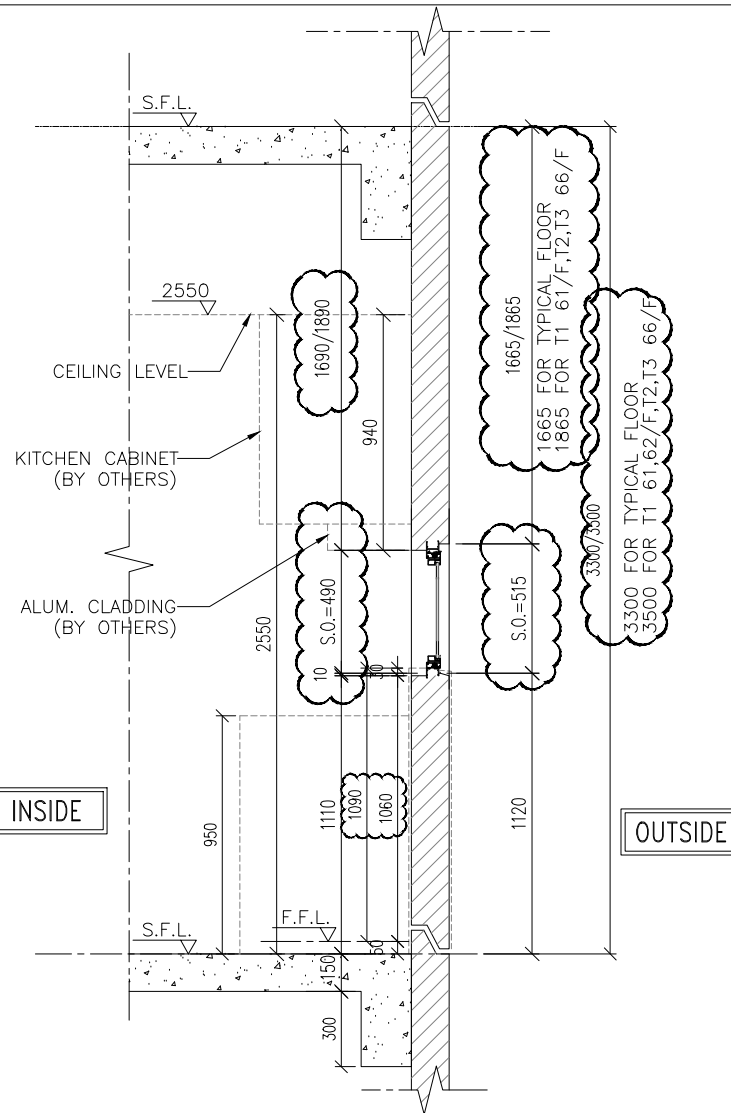
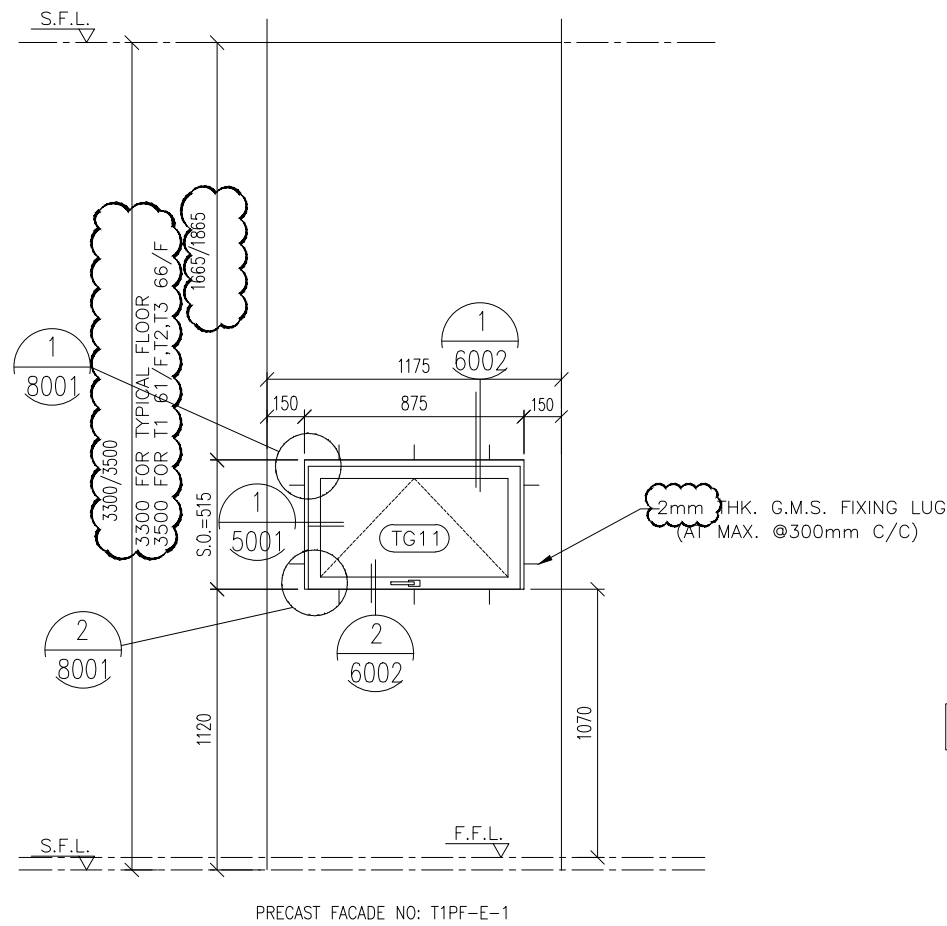
DATE : 04-OCT-21 SCALE : 1:2

DRAWN BY : CHECKED BY :

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

DWG NO. : J858-PW-0003 REV. : B

ELEVATION



B.D. REF :

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

ARCHITECT :
ronald lu & partners
 Architects · Planners · Interior Designers
Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

STRUCTURAL ENGINEER :

FACADE CONSULTANT:

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

B 08-12-2021	REVISED AS PER ARCHITECT COMMENT		
A 28-10-2021	REVISED AS PER ARCHITECT COMMENT		
NO.	DATE	REVISED	BY

JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

TITLE :
 PRECAST ALUM. WINDOW SCHEDULE

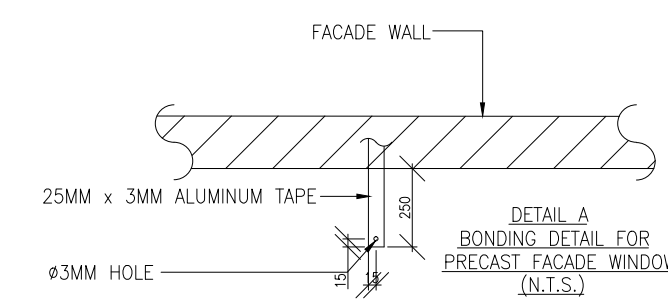
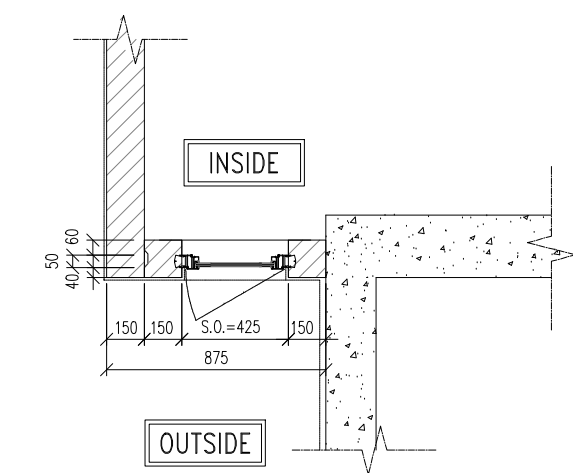
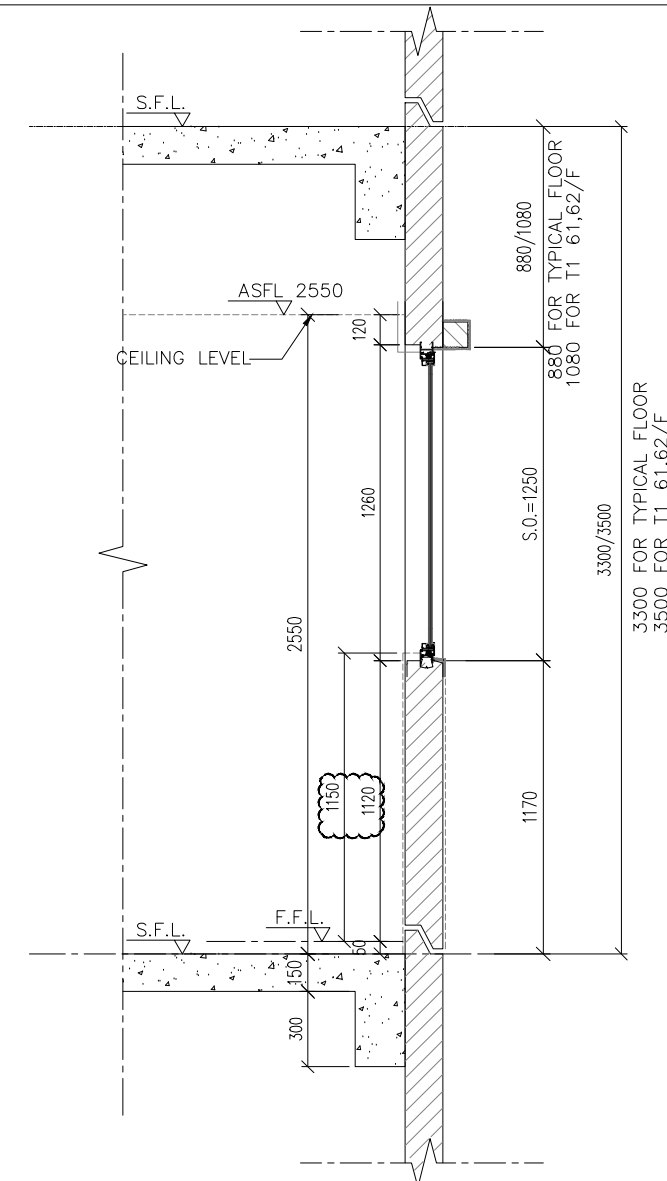
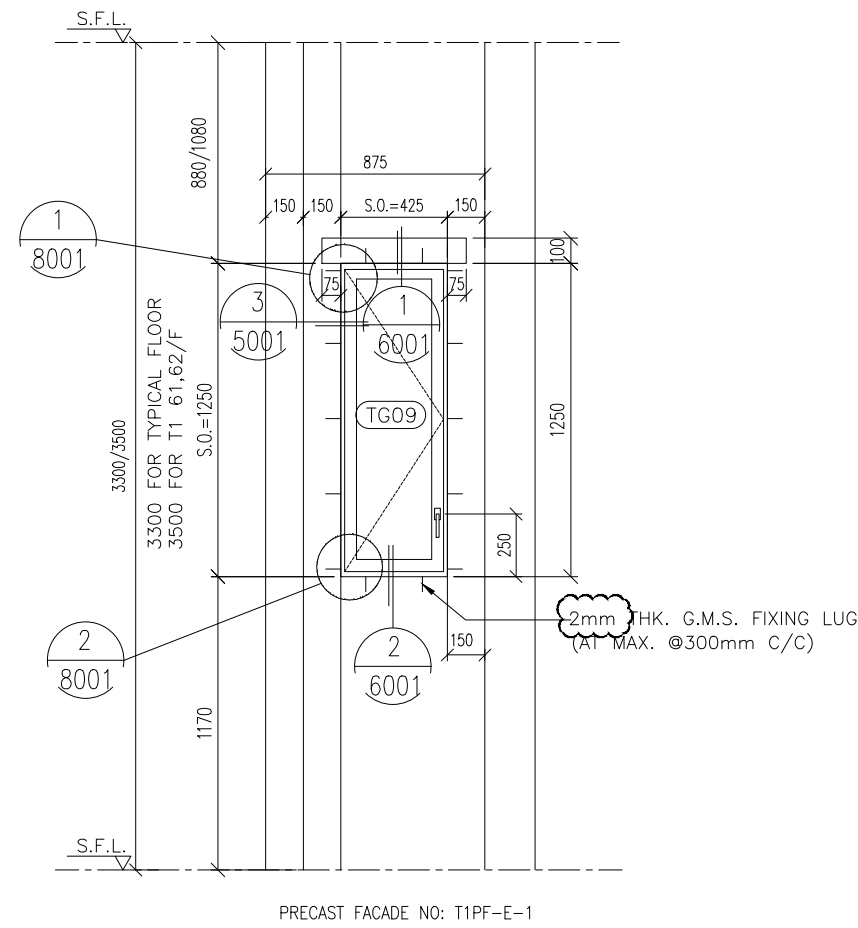
DATE : 04-OCT-21 SCALE : 1:30
 DRAWN BY : CHECKED BY :

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

DWG NO. : J858-PW-2101 REV. : A

	T1B Flat D LIV. DIN. RM. & OPEN KIT * BATH	T2B Flat D LIV. DIN. RM. & OPEN KIT.	T3B Flat D LIV. DIN. RM. & OPEN KIT.
GLAZING AREA:	Required = 1.687 Provided = 0.258	Required = 1.634 Provided = 0.258	Required = 1.634 Provided = 0.258
OPENABLE AREA:	Required = 1.359 Provided = 0.317	Required = 1.021 Provided = 0.317	Required = 1.021 Provided = 0.317
WINDOW MARK	PRECAST=P09	PRECAST=P17	PRECAST=P25
SECTION :	50mm ALUM. SECTION WITH PVF2 COATING(SILVER CHAMPAGNE COLOUR)	50mm ALUM. SECTION WITH PVF2 COATING(SILVER CHAMPAGNE COLOUR)	50mm ALUM. SECTION WITH PVF2 COATING(SILVER CHAMPAGNE COLOUR)
QTY.	44 NOS. (FLAT D)	48 NOS. (FLAT D)	48 NOS. (FLAT D)
LOCATION :	TOWER 1(1B) FLAT D CRYSTAL KITCHEN (10/F, 12/F-39/F, 41/F-52/F, 53/F-61/F)	TOWER 2(2B) FLAT D CRYSTAL KITCHEN (10/F, 12/F-39/F, 41/F-66/F)	TOWER 3(3B) FLAT D CRYSTAL KITCHEN (10/F, 12/F-39/F, 41/F-66/F)
GLAZING	10mm THK CRYSTAL GREY TEMPERED GLASS		
REMARK :			

ELEVATION



GLAZING AREA	Required = 0.310
	Provided = 0.594
OPENABLE AREA	Required = 0.310
	Provided = 0.686

B.D. REF :

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

ARCHITECT :
ronald lu & partners
Architects - Planners - Interior Designers
Ronald Lu & Partners (HK) Ltd.
呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :
GEMINI

STRUCTURAL ENGINEER :
AECOM

FACADE CONSULTANT:
AECOM

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

C 08-12-202	REVISED AS PER ARCHITECT COMMENT	
B 11-11-202	REVISED AS PER ARCHITECT COMMENT	
A 28-10-202	REVISED AS PER ARCHITECT COMMENT	
NO.	DATE	REVISED BY

JOB NO. : J-858

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

TITLE : PRECAST ALUM. WINDOW SCHEDULE

DATE : 04-OCT-21 SCALE : 1:30

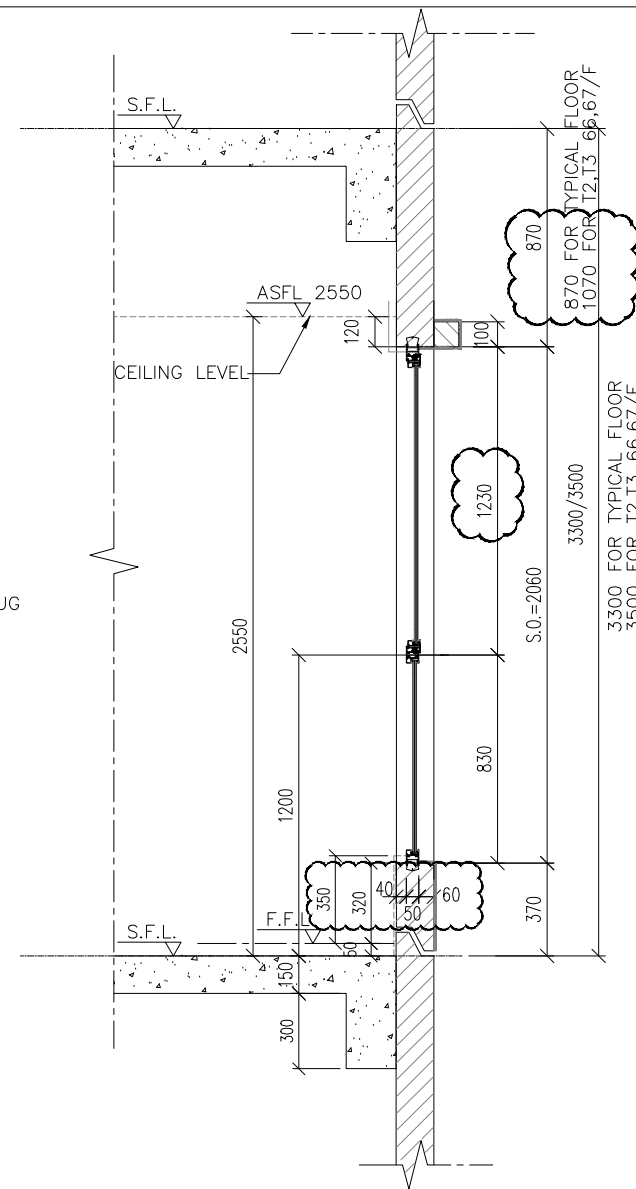
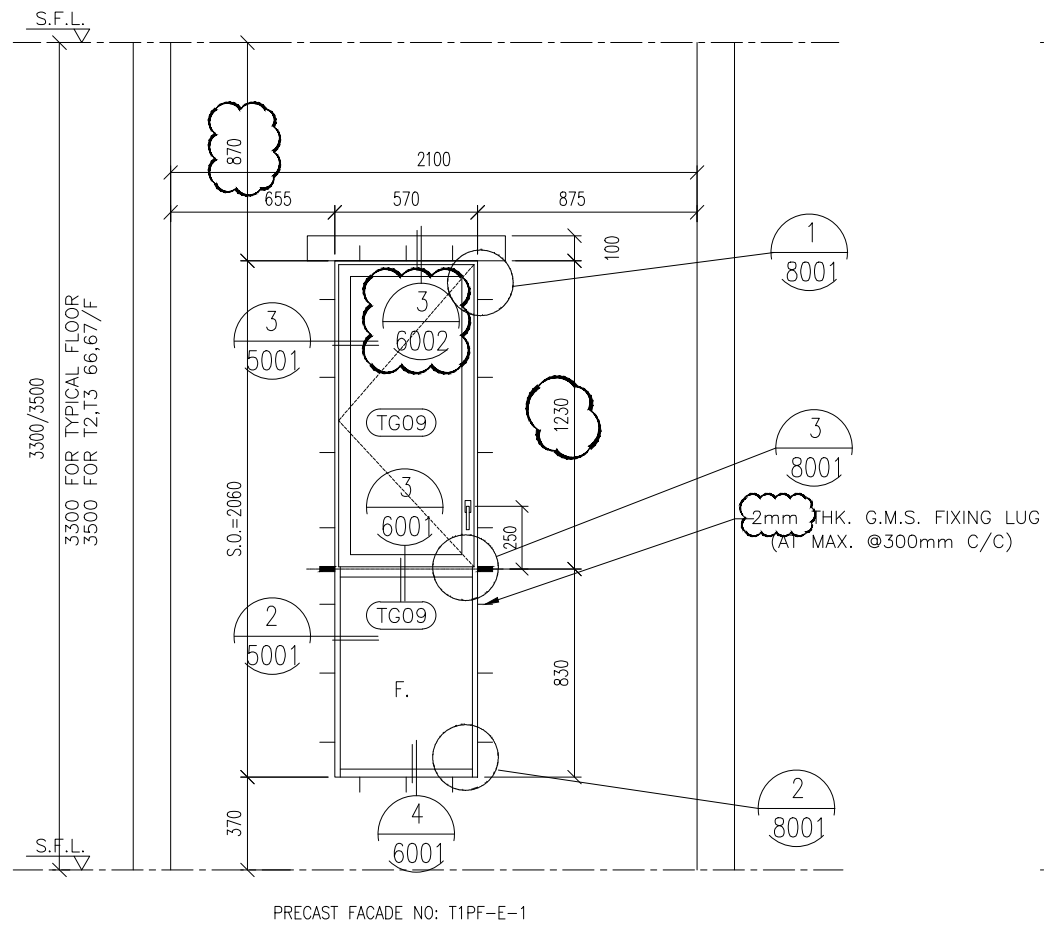
DRAWN BY : CHECKED BY :

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

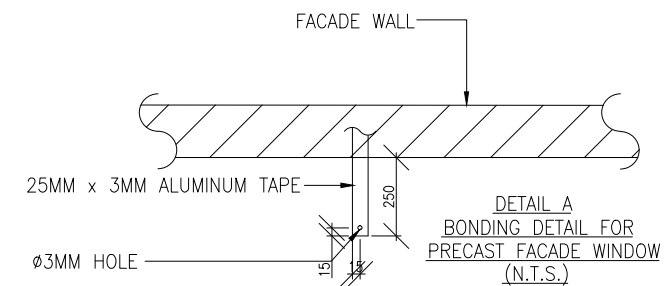
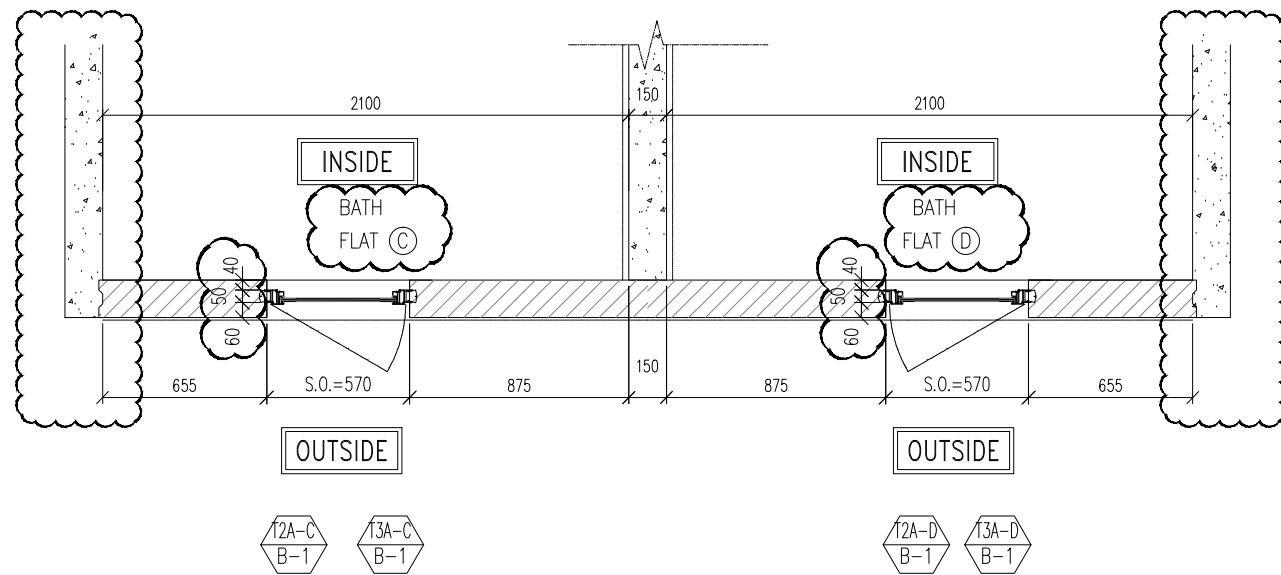
DWG NO. : J858-PW-2102 REV. : C

WINDOW MARK	11A-E B-1 PRECAST=P01
SECTION :	50mm ALUM. SECTION WITH PVF2 COATING(SILVER CHAMPAGNE COLOUR)
QTY.	45 NOS. (FLAT E)
LOCATION :	TOWER 1(1A) FLAT E BATHROOMS (10/F, 12/F-39/F, 41/F-52/F, 53/F-61/F,62/F)
GLAZING	6mm THK HEAT STRENGTHENED CLEAR GLASS + 1.52mm MILKY WHITE PVB + 6mm THK HEAT STRENGTHENED CLEAR GLASS
REMARK :	

ELEVATION



OUTSIDE



GLAZING AREA	Required = 0.305
	Provided = 0.897
OPENABLE AREA	Required = 0.305
	Provided = 0.596

B.D. REF :

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

ARCHITECT :
 ronald lu & partners
 Architects, Planners, Interior Designers
 Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :
 GALAXIA

STRUCTURAL ENGINEER :
 AECOM

FACADE CONSULTANT:
 AECOM

NOTE :
 1. ALL DIMENSIONS ARE IN mm.
 2. ALL ELEVATIONS ARE VIEWED FROM OUTSIDE.
 3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE FABRICATION.
 LEGEND :
 (X1) --- DETAIL MARK NO.
 (X001) --- REFER SHEET NO.
 1. F.F.L. --- FINISHED FLOOR LEVEL
 2. S.F.L. --- STRUCTURAL FLOOR LEVEL
 3. (R) --- REVERSED DETAIL

C 08-12-202	REVISED AS PER ARCHITECT COMMENT	
B 11-11-202	REVISED AS PER ARCHITECT COMMENT	
A 28-10-202	REVISED AS PER ARCHITECT COMMENT	
NO.	DATE	REVISED BY

JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

TITLE :
 PRECAST ALUM. WINDOW SCHEDULE

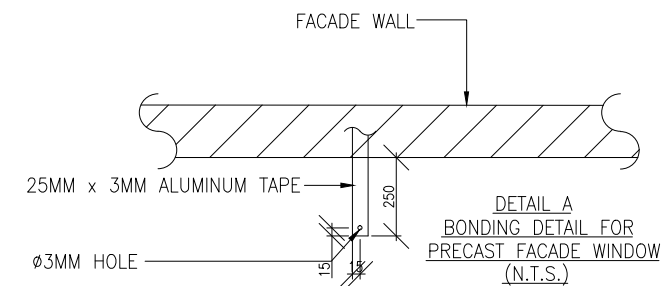
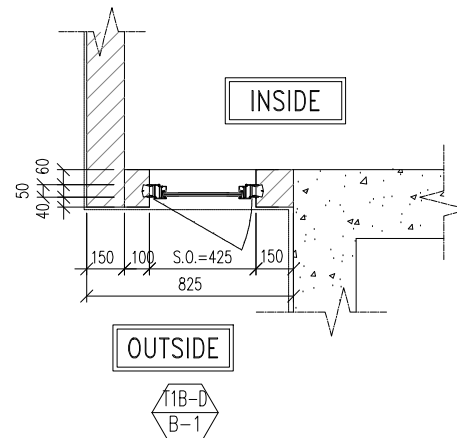
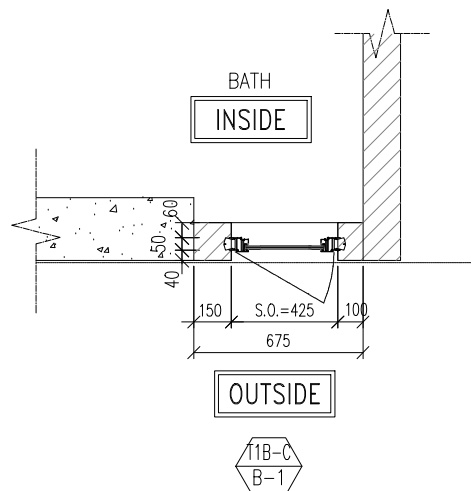
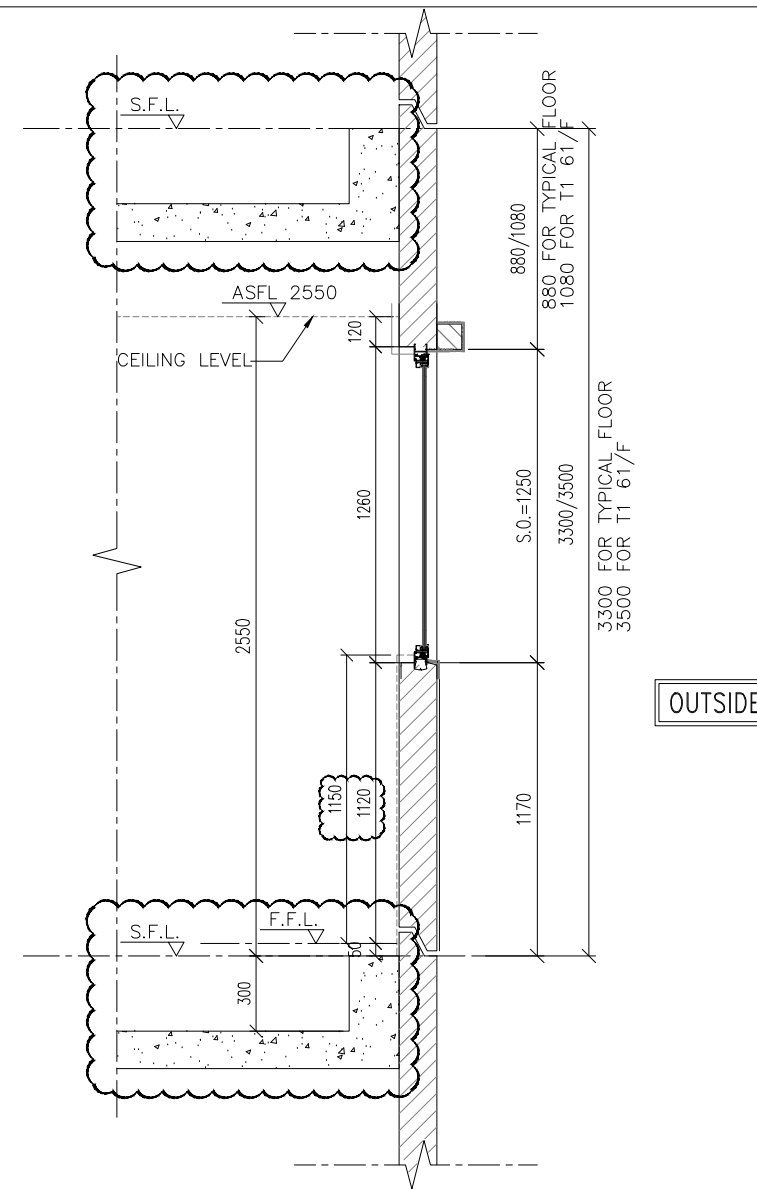
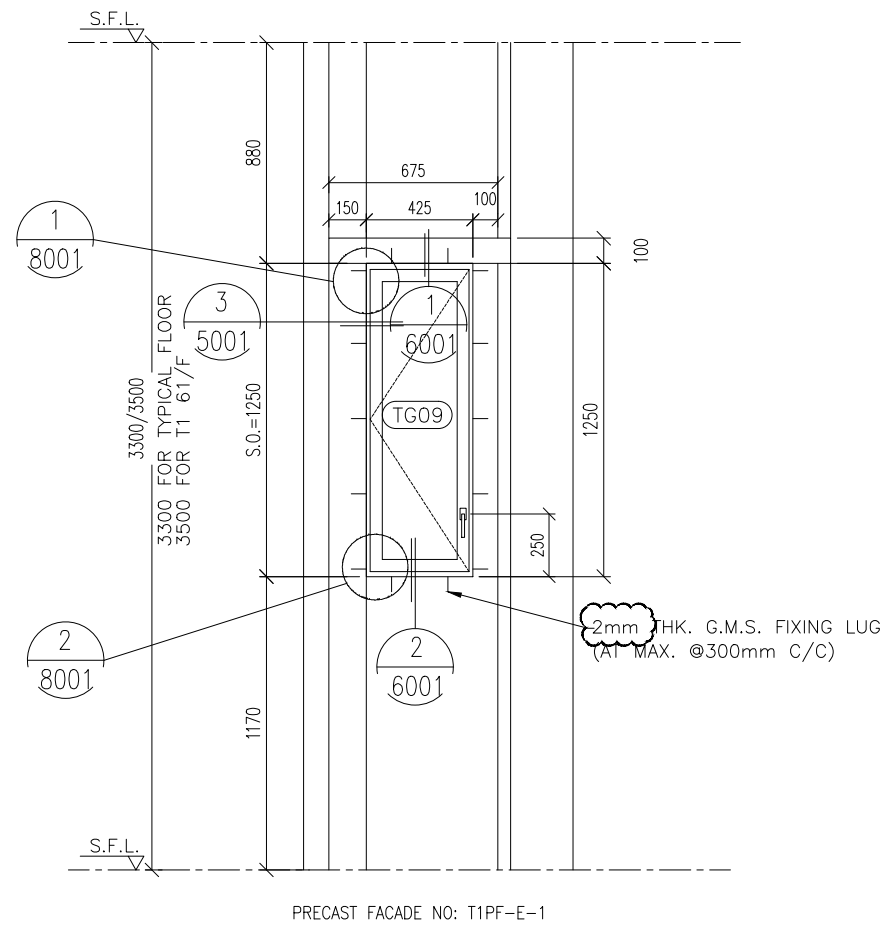
DATE : 04-OCT-21 SCALE : 1:30
 DRAWN BY : CHECKED BY :

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

DWG NO. : J858-PW-2103 REV. : C

WINDOW MARK		
SECTION :	50mm ALUM. SECTION WITH PVF2 COATING(SILVER CHAMPAGNE COLOUR)	50mm ALUM. SECTION WITH PVF2 COATING(SILVER CHAMPAGNE COLOUR)
QTY.	49 NOS. (FLAT C) / 49 NOS. (FLAT D)	49 NOS. (FLAT C) / 49 NOS. (FLAT D)
LOCATION :	TOWER 2(2A) FLAT C BATHROOMS(10/F, 12/F-39/F, 41/F-66/F,67/F) TOWER 2(2A) FLAT D BATHROOMS(10/F, 12/F-39/F, 41/F-66/F,67/F)	TOWER 3(3A) FLAT C BATHROOMS(10/F, 12/F-39/F, 41/F-66/F,67/F) TOWER 3(3A) FLAT D BATHROOMS(10/F, 12/F-39/F, 41/F-66/F,67/F)
GLAZING	6mm THK HEAT STRENGTHENED CLEAR GLASS + 1.52mm MILKY WHITE PVB + 6mm THK HEAT STRENGTHENED CLEAR GLASS	
REMARK :		

ELEVATION



GLAZING AREA	Required = 0.311
	Provided = 0.594
OPENABLE AREA	Required = 0.311
	Provided = 0.686

B.D. REF :

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

ARCHITECT :
 ronald lu & partners
 Architects, Planners, Interior Designers
 Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :
 GAMA

STRUCTURAL ENGINEER :
 AECOM

FACADE CONSULTANT:
 AECOM

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

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

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

B	08-12-2021	REVISED AS PER ARCHITECT COMMENT	
A	11-11-2021	REVISED AS PER ARCHITECT COMMENT	
NO.	DATE	REVISED	BY

JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

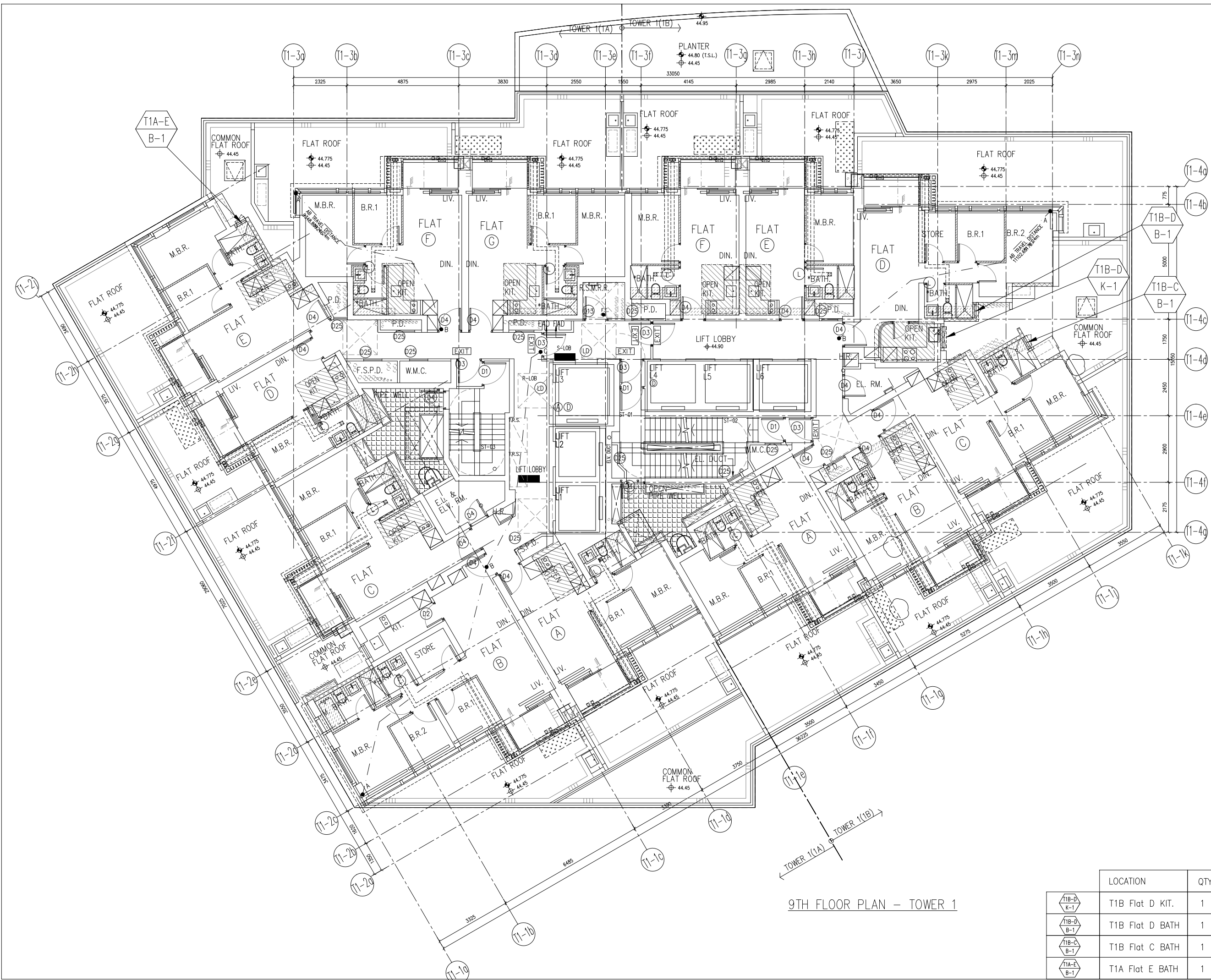
TITLE :
 PRECAST ALUM. WINDOW SCHEDULE

DATE : 04-OCT-21 SCALE : 1:30
 DRAWN BY : CHECKED BY :

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

DWG NO. : J858-PW-2104 REV. : B

WINDOW MARK	1/1B-C B-1 PRECAST=P07 1/1B-D B-1 PRECAST=P10
SECTION :	50mm ALUM. SECTION WITH PVF2 COATING(SILVER CHAMPAGNE COLOUR)
QTY.	44 NOS. (FLAT C) 44 NOS. (FLAT D)
LOCATION :	TOWER 1(1B) FLAT C BATHROOMS(10/F, 12/F-39/F, 41/F-52/F,53/F-61/F) TOWER 1(1B) FLAT D BATHROOMS(10/F, 12/F-39/F, 41/F-52/F,53/F-61/F)
GLAZING	6mm THK HEAT STRENGTHENED CLEAR GLASS + 1.52mm MILKY WHITE PVB + 6mm THK HEAT STRENGTHENED CLEAR GLASS
REMARK :	



9TH FLOOR PLAN - TOWER 1

B.D. REF :

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

ARCHITECT :
ronald lu & partners
 Architects, Planners, Interior Designers
Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

STRUCTURAL ENGINEER :

FAÇADE CONSULTANT:

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

A 28-10-2021	REVISED AS PER ARCHITECT COMMENT		
NO.	DATE	REVISED	BY

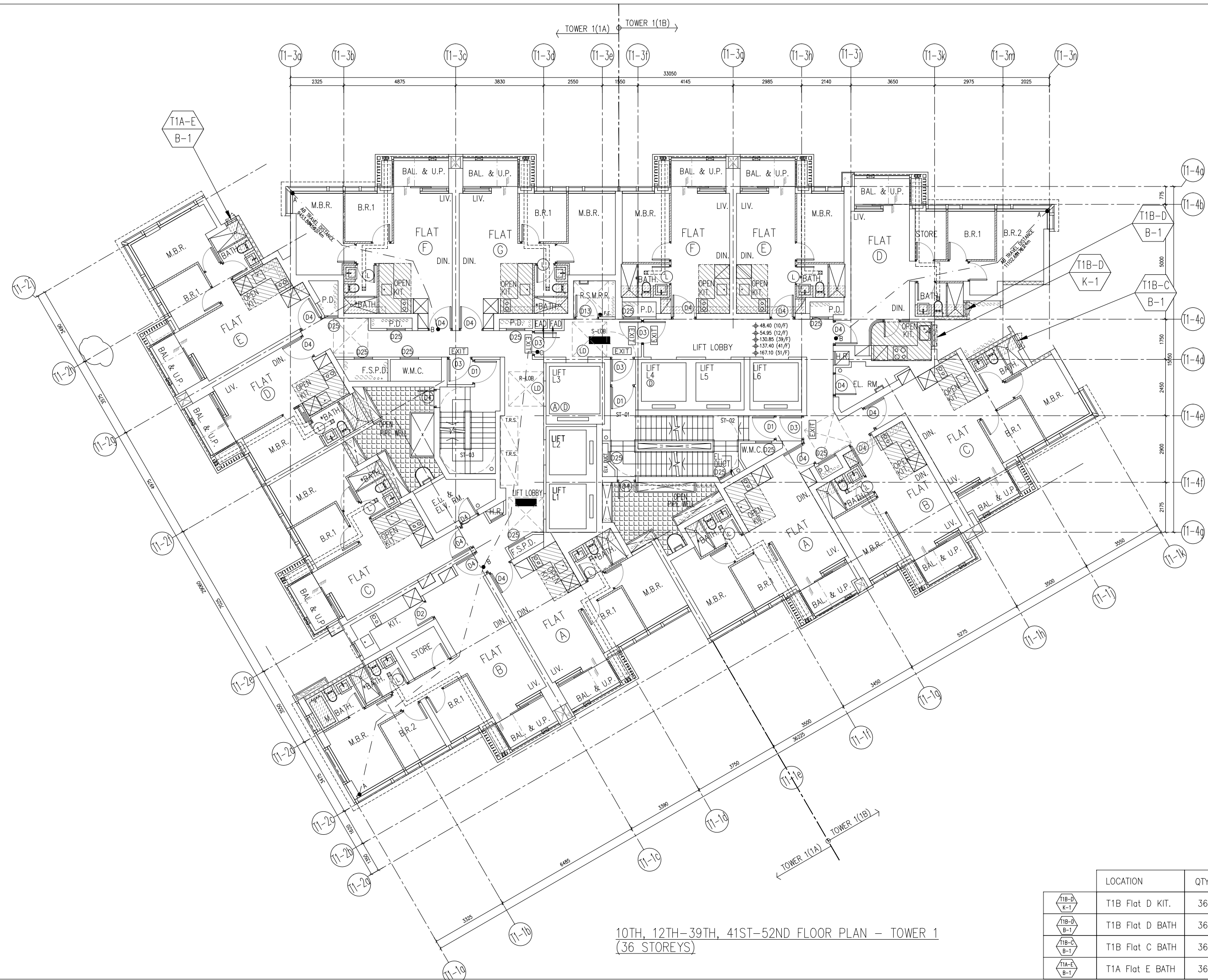
JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

TITLE :
 FULL PLAN LAYOUT (FOR T1 9TH FLOOR PLAN)

LOCATION	QTY
(T1B-D K-1)	1
(T1B-D B-1)	1
(T1B-C B-1)	1
(T1A-E B-1)	1

DATE : 04-OCT-21 SCALE : 1:150
 DRAWN BY : CHECKED BY :

美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666
 DWG NO. : J858-PW-3101 REV. : A



10TH, 12TH-39TH, 41ST-52ND FLOOR PLAN - TOWER 1
(36 STOREYS)

B.D. REF :

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

ARCHITECT :
ronald lu & partners
 Architects, Planners, Interior Designers
Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

STRUCTURAL ENGINEER :

FAÇADE CONSULTANT:

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

A 28-10-2021	REVISED AS PER ARCHITECT COMMENT		
NO.	DATE	REVISED	BY

JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

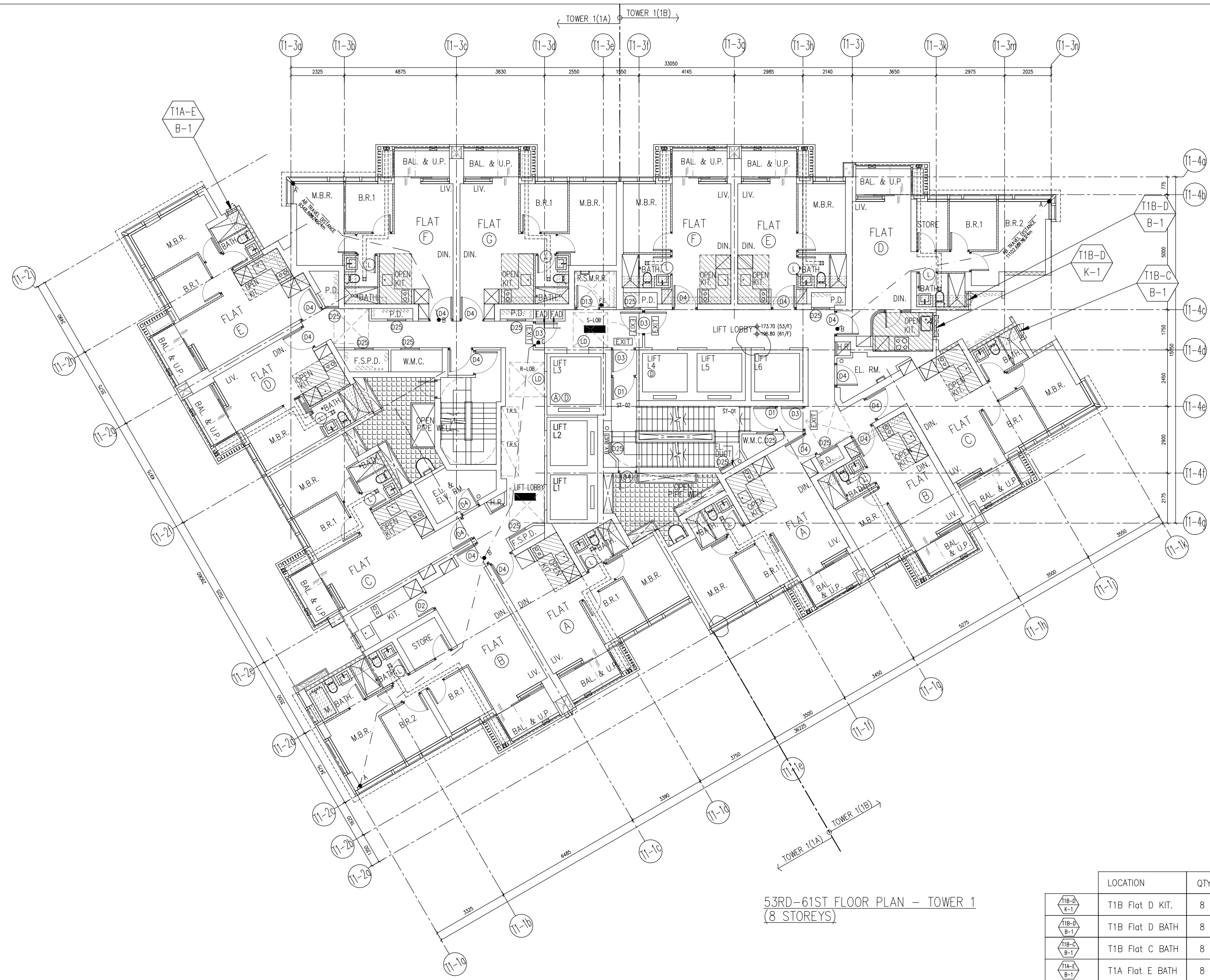
TITLE :
 FULL PLAN LAYOUT (FOR T1 10TH, 12TH-39TH FLOOR PLAN) (41ST-52ND FLOOR PLAN)

DATE : 04-OCT-21 SCALE : 1:150
 DRAWN BY : CHECKED BY :

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

DWG NO. : J858-PW-3102 REV. : A

	LOCATION	QTY
(T1B-D-K-1)	T1B Flat D KIT.	36
(T1B-D-B-1)	T1B Flat D BATH	36
(T1B-C-B-1)	T1B Flat C BATH	36
(T1A-E-B-1)	T1A Flat E BATH	36



53RD-61ST FLOOR PLAN - TOWER 1
(8 STOREYS)

B.D. REF :

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

ARCHITECT :
ronald lu & partners
 Architects, Planners, Interior Designers
Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

STRUCTURAL ENGINEER :

FAÇADE CONSULTANT:

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

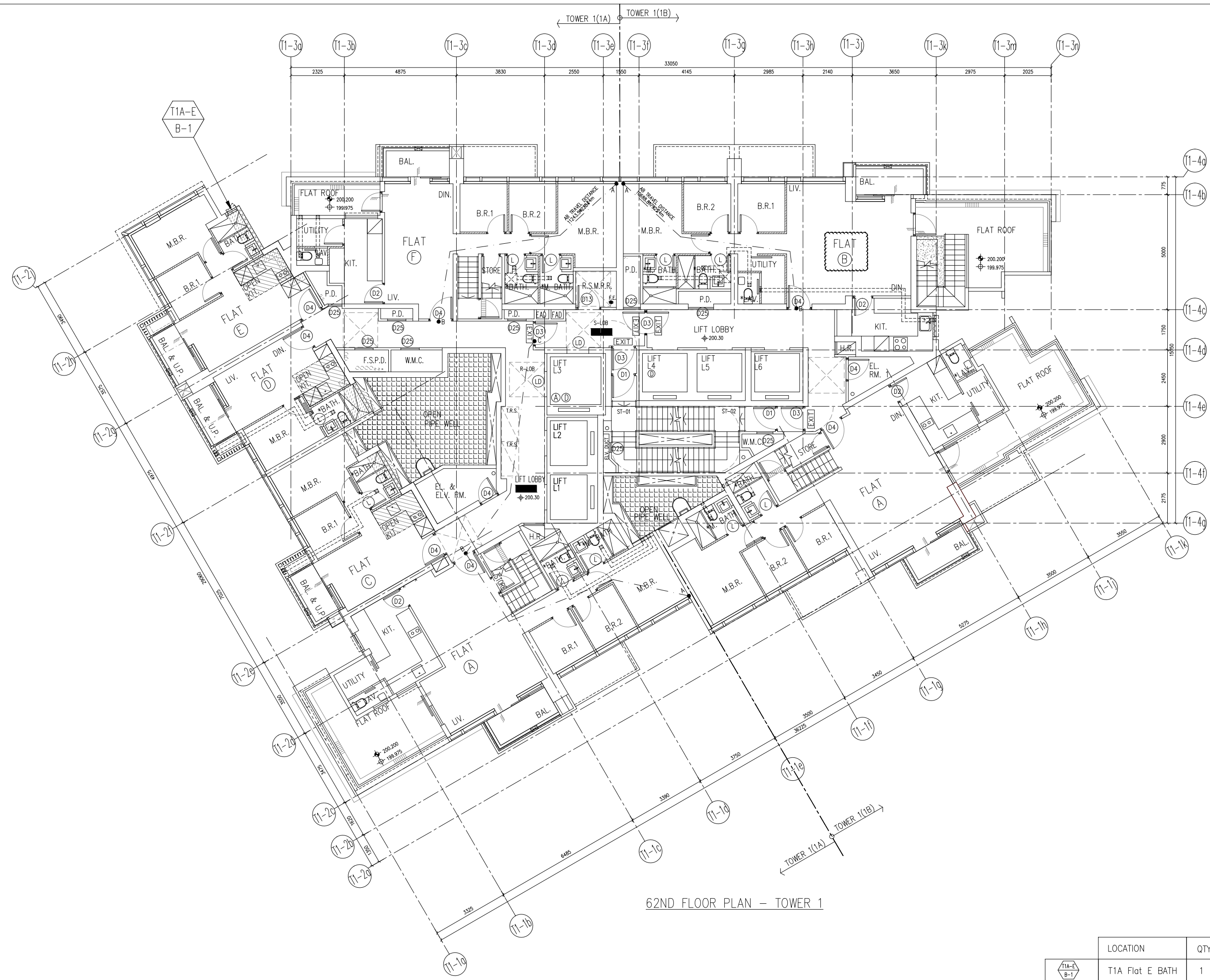
A 28-10-2021	REVISED AS PER ARCHITECT COMMENT		
NO.	DATE	REVISED	BY

JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

TITLE :
 FULL PLAN LAYOUT
 (FOR T1 53RD-61ST FLOOR PLAN)

	LOCATION	QTY
(T1B-D-K-1)	T1B Flat D KIT.	8
(T1B-D-B-1)	T1B Flat D BATH	8
(T1B-C-B-1)	T1B Flat C BATH	8
(T1A-E-B-1)	T1A Flat E BATH	8

DATE : 04-OCT-21 SCALE : 1:150
 DRAWN BY : CHECKED BY :
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666
 DWG NO. : J858-PW-3103 REV. : A



62ND FLOOR PLAN - TOWER 1

B.D. REF :

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

ARCHITECT :
ronald lu & partners
 Architects, Planners, Interior Designers
Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

STRUCTURAL ENGINEER :

FAÇADE CONSULTANT:

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

B 08-12-2021	REVISED AS PER ARCHITECT COMMENT	
A 28-10-2021	REVISED AS PER ARCHITECT COMMENT	
NO.	DATE	REVISED BY

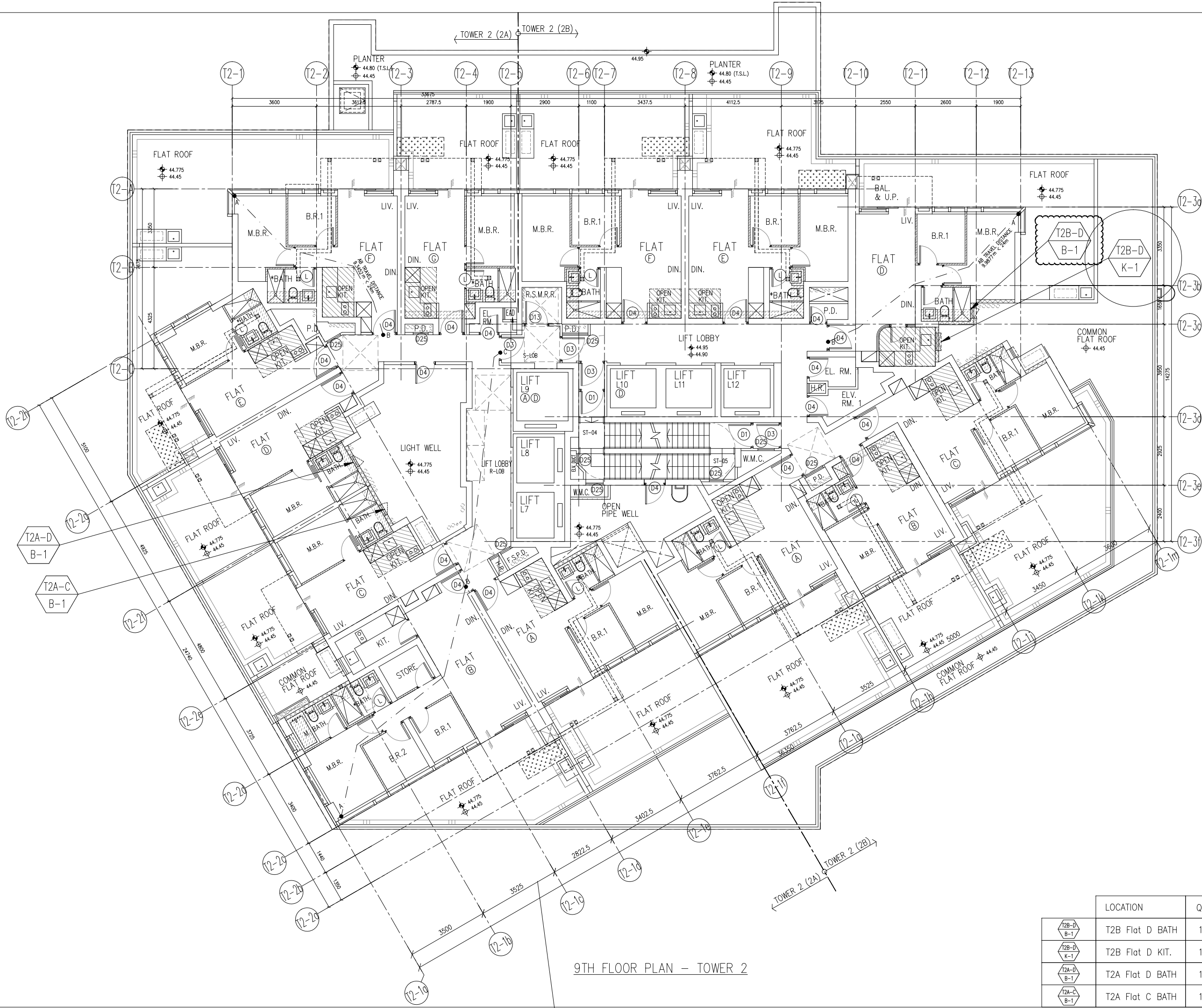
JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

TITLE :
 FULL PLAN LAYOUT (FOR T1 62ND FLOOR PLAN)

DATE : 04-OCT-21 SCALE : 1:150
 DRAWN BY : CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)27727666
 DWG NO. : J858-PW-3104 REV. : B

LOCATION	QTY
T1A-E B-1	1



9TH FLOOR PLAN - TOWER 2

B.D. REF :

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

ARCHITECT :
ronald lu & partners
 Architects, Planners, Interior Designers
Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

STRUCTURAL ENGINEER :

FAÇADE CONSULTANT:

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

B	15-11-2021	REVISED AS PER ARCHITECT COMMENT	
A	28-10-2021	REVISED AS PER ARCHITECT COMMENT	
NO.	DATE	REVISED	BY

JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

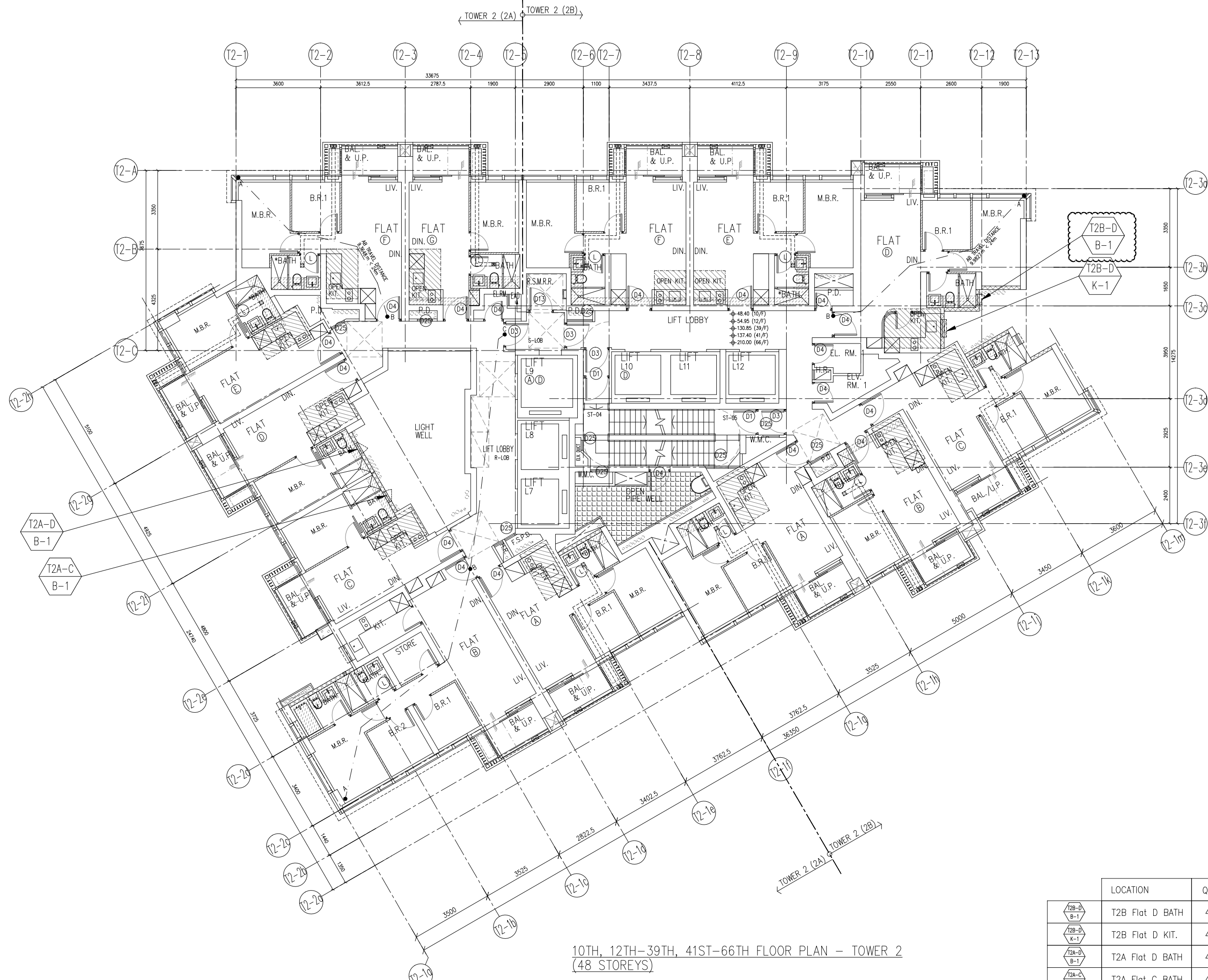
TITLE :
 FULL PLAN LAYOUT (FOR T2 9TH FLOOR PLAN)

DATE : 04-OCT-21 SCALE : 1:150
 DRAWN BY : CHECKED BY :

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

DWG NO. : J858-PW-3201 REV. : B

	LOCATION	QTY
	T2B Flat D BATH	1
	T2B Flat D KIT.	1
	T2A Flat D BATH	1
	T2A Flat C BATH	1



10TH, 12TH-39TH, 41ST-66TH FLOOR PLAN - TOWER 2
(48 STOREYS)

B.D. REF :

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

ARCHITECT :
ronald lu & partners
 Architects · Planners · Interior Designers
Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

STRUCTURAL ENGINEER :

FAÇADE CONSULTANT:

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

B	15-11-2021	REVISED AS PER ARCHITECT COMMENT	
A	28-10-2021	REVISED AS PER ARCHITECT COMMENT	
NO.	DATE	REVISED	BY

JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

TITLE :
 FULL PLAN LAYOUT (FOR T2 10TH, 12TH-39TH FLOOR PLAN) (41ST-66TH FLOOR PLAN)

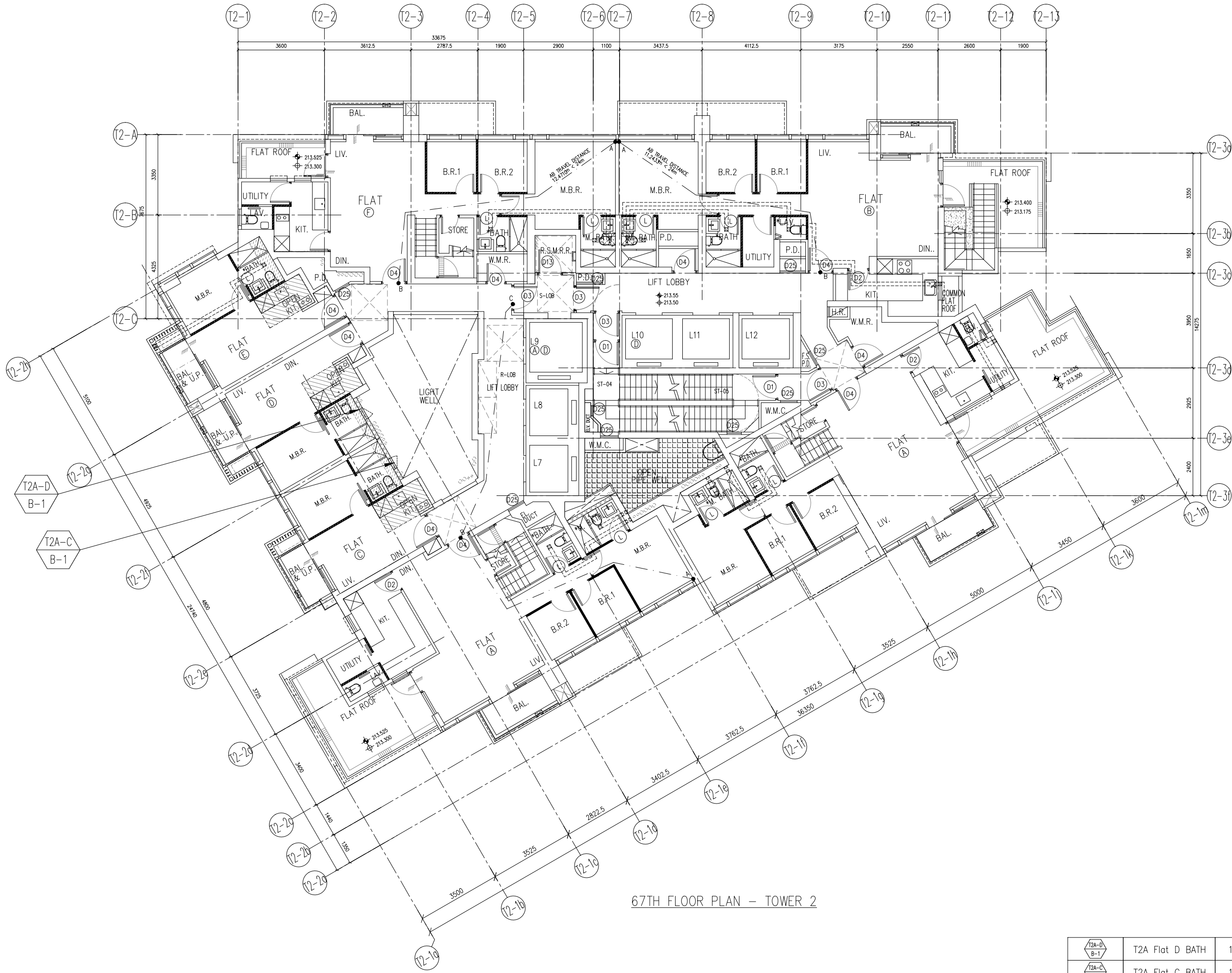
DATE : 04-OCT-21 SCALE : 1:150

DRAWN BY : CHECKED BY :
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.

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

DWG NO. : J858-PW-3202 REV. : B

	LOCATION	QTY
	T2B Flat D BATH	48
	T2B Flat D KIT.	48
	T2A Flat D BATH	48
	T2A Flat C BATH	48



67TH FLOOR PLAN - TOWER 2

B.D. REF :

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

ARCHITECT :
ronald lu & partners
 Architects - Planners - Interior Designers
Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

STRUCTURAL ENGINEER :

FAÇADE CONSULTANT:

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

B 15-11-2021	REVISED AS PER ARCHITECT COMMENT	
A 28-10-2021	REVISED AS PER ARCHITECT COMMENT	
NO.	DATE	REVISED BY

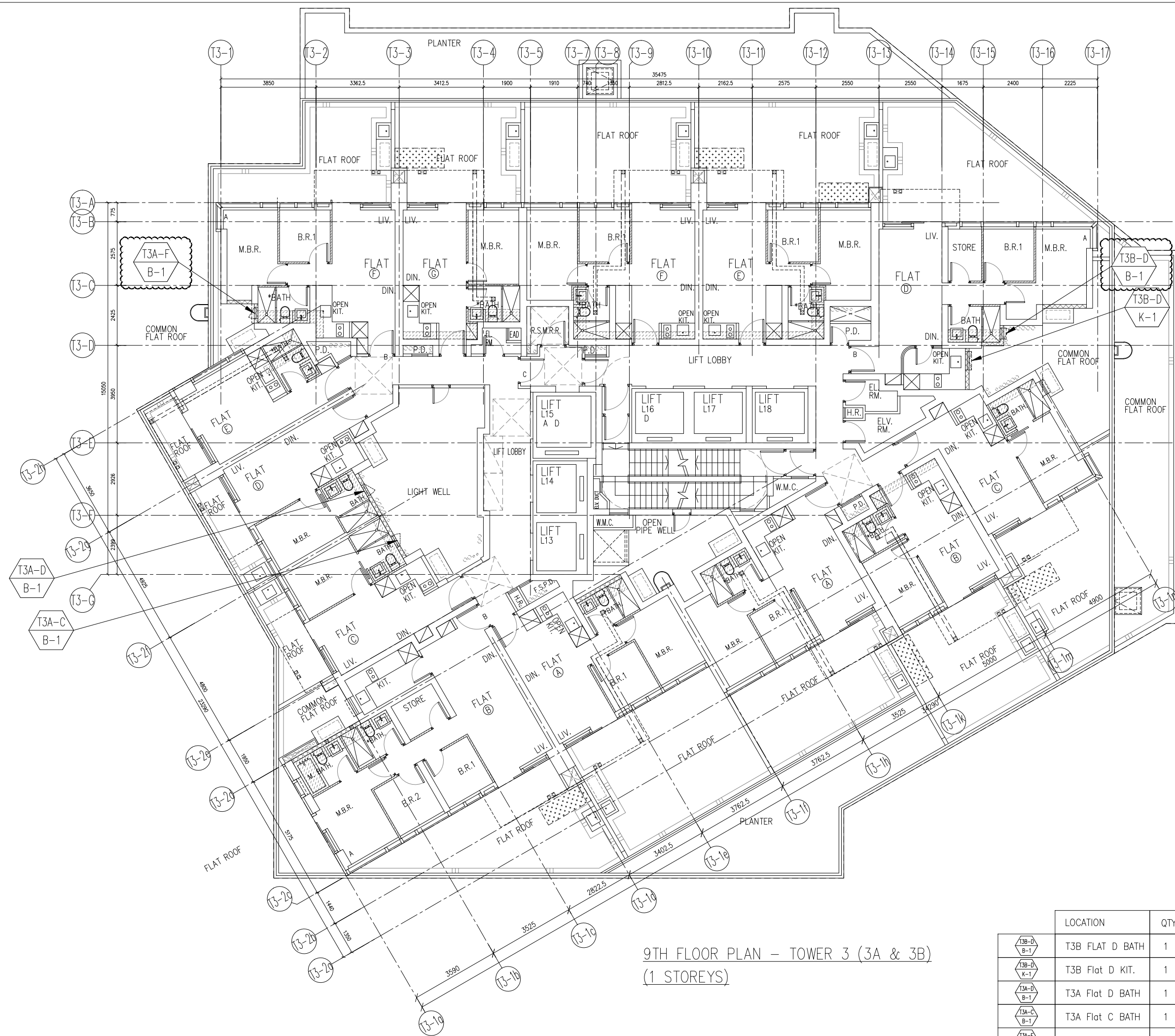
JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

TITLE :
 FULL PLAN LAYOUT (FOR T2 67TH FLOOR PLAN)

DATE : 04-OCT-21 SCALE : 1:150
 DRAWN BY : CHECKED BY :

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666
 DWG NO. : J858-PW-3203 REV. : B

	T2A Flat D BATH	1
	T2A Flat C BATH	1



9TH FLOOR PLAN - TOWER 3 (3A & 3B)
(1 STOREYS)

	LOCATION	QTY
T3B-D B-1	T3B FLAT D BATH	1
T3B-D K-1	T3B Flat D KIT.	1
T3A-D B-1	T3A Flat D BATH	1
T3A-C B-1	T3A Flat C BATH	1
T3A-F B-1	T3A Flat F BATH	1

B.D. REF :

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

ARCHITECT : **ronald lu & partners**
Architects, Planners, Interior Designers
Ronald Lu & Partners (HK) Ltd.
呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

STRUCTURAL ENGINEER : **AE M**

FAÇADE CONSULTANT: **AE M**

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

A 15-11-2021	REVISED AS PER ARCHITECT COMMENT		
NO.	DATE	REVISED	BY

JOB NO. : J-858

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

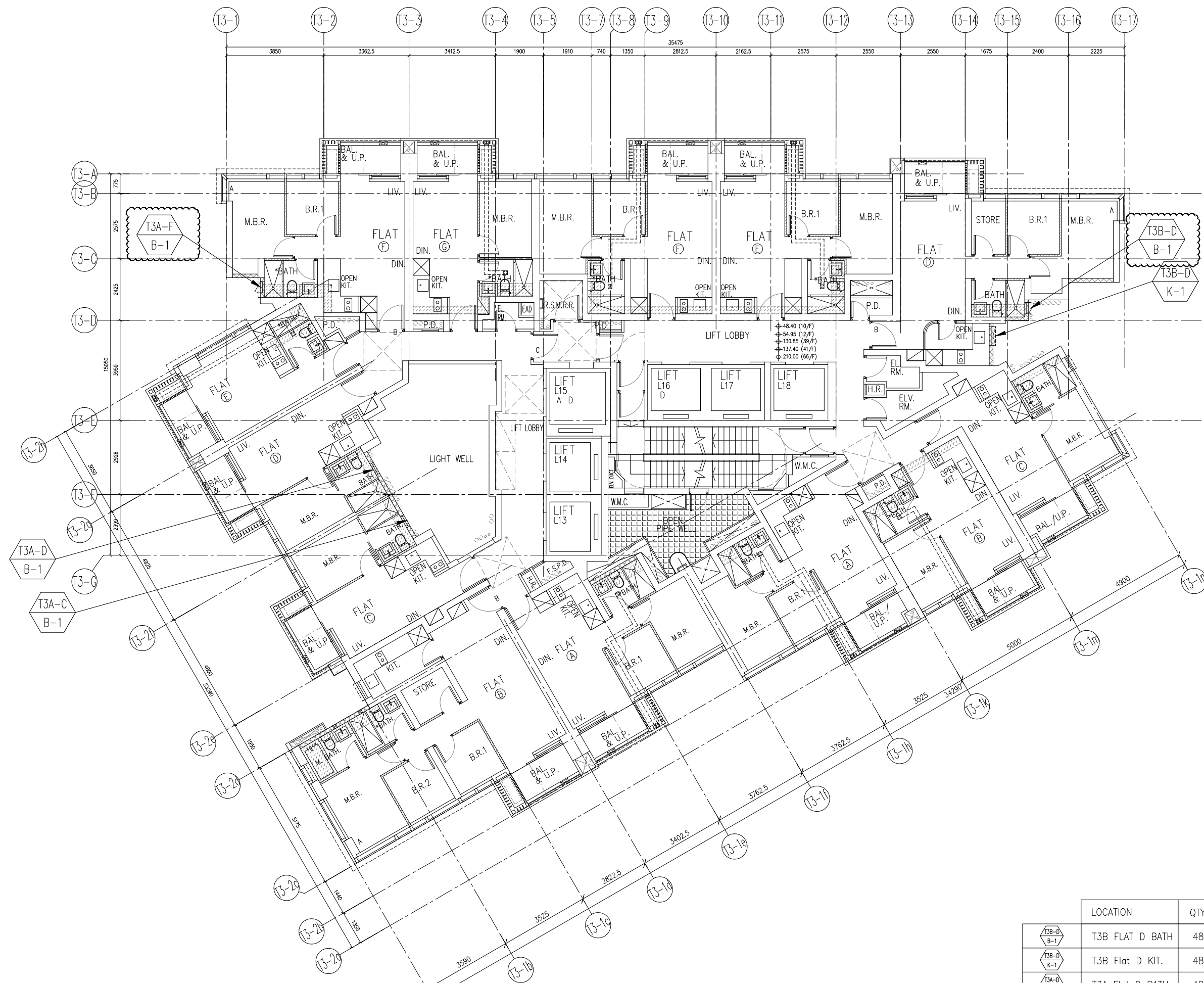
TITLE : FULL PLAN LAYOUT (FOR T3 9TH FLOOR PLAN)

DATE : 28-OCT-21 SCALE : 1:150

DRAWN BY : CHECKED BY :

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

DWG NO. : J858-PW-3301 REV. : A



10TH, 12TH-39TH, 41ST-66TH FLOOR PLAN - TOWER 3 (3A & 3B)
(48 STOREYS)

LOCATION	QTY
T3B-D B-1	48
T3B-D K-1	48
T3A-D B-1	48
T3A-C B-1	48
T3A-F B-1	48

B.D. REF :

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

ARCHITECT :
ronald lu & partners
 Architects, Planners, Interior Designers
Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

STRUCTURAL ENGINEER :

FAÇADE CONSULTANT:

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 AS PER ARCHITECT COMMENT	REVISD	BY
A	15-11-2021	REVISED AS PER ARCHITECT COMMENT		

JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

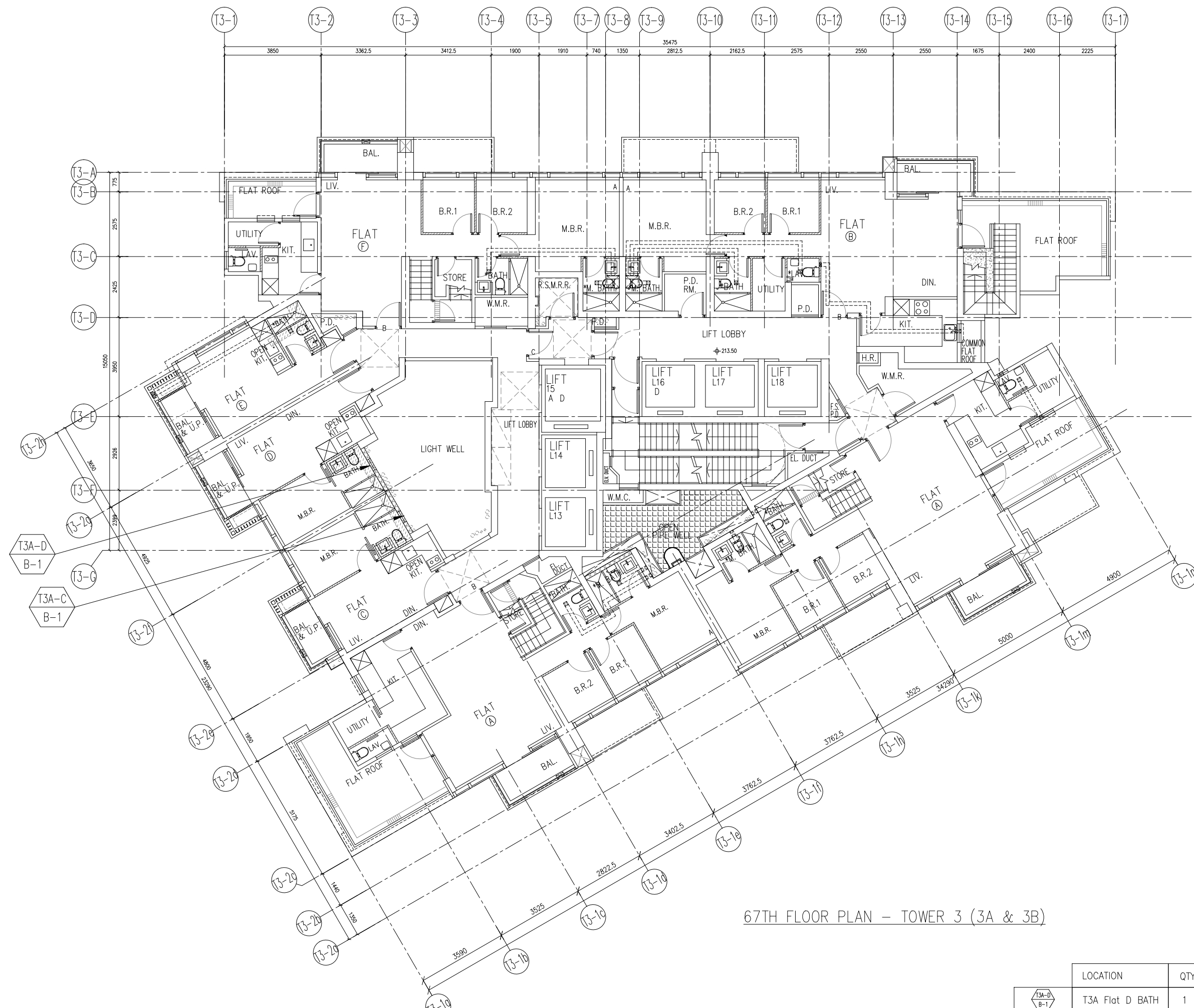
TITLE :
 FULL PLAN LAYOUT (FOR T3 10TH, 12TH-39TH FLOOR PLAN) (41ST-66TH FLOOR PLAN)

DATE : 28-OCT-21 SCALE : 1:150

DRAWN BY : CHECKED BY :
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.

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

DWG NO. : J858-PW-3302 REV. : A




67TH FLOOR PLAN - TOWER 3 (3A & 3B)


B.D. REF :

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

ARCHITECT :
 ronald lu & partners
 Architects, Planners, Interior Designers
 Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :


STRUCTURAL ENGINEER :


FAÇADE CONSULTANT:


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



A 5-11-2021	REVISED AS PER ARCHITECT COMMENT		
NO.	DATE	REVISED	BY

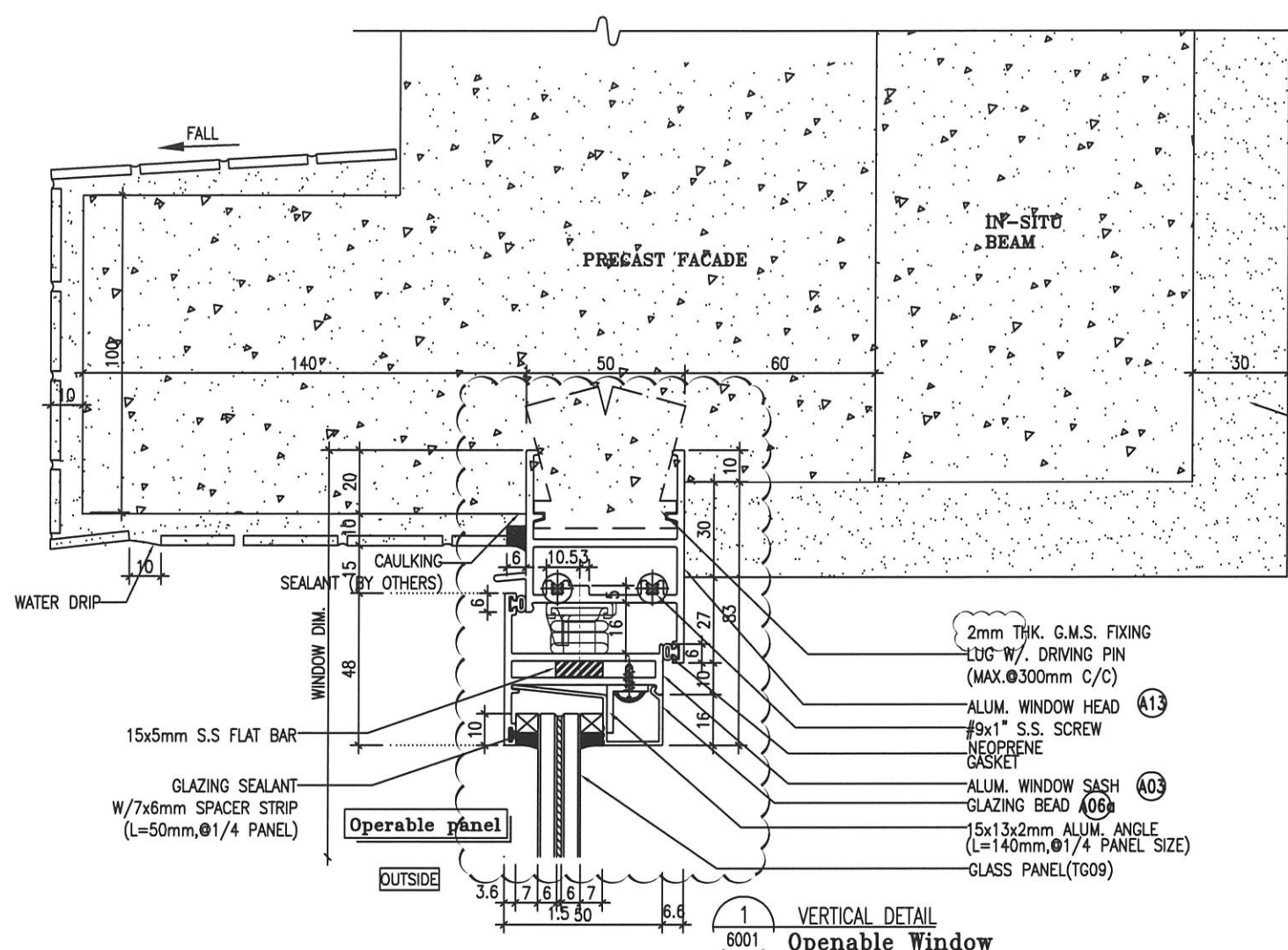
JOB NO. : J-858
 PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

TITLE :
 FULL PLAN LAYOUT (FOR T3 67TH FLOOR PLAN)

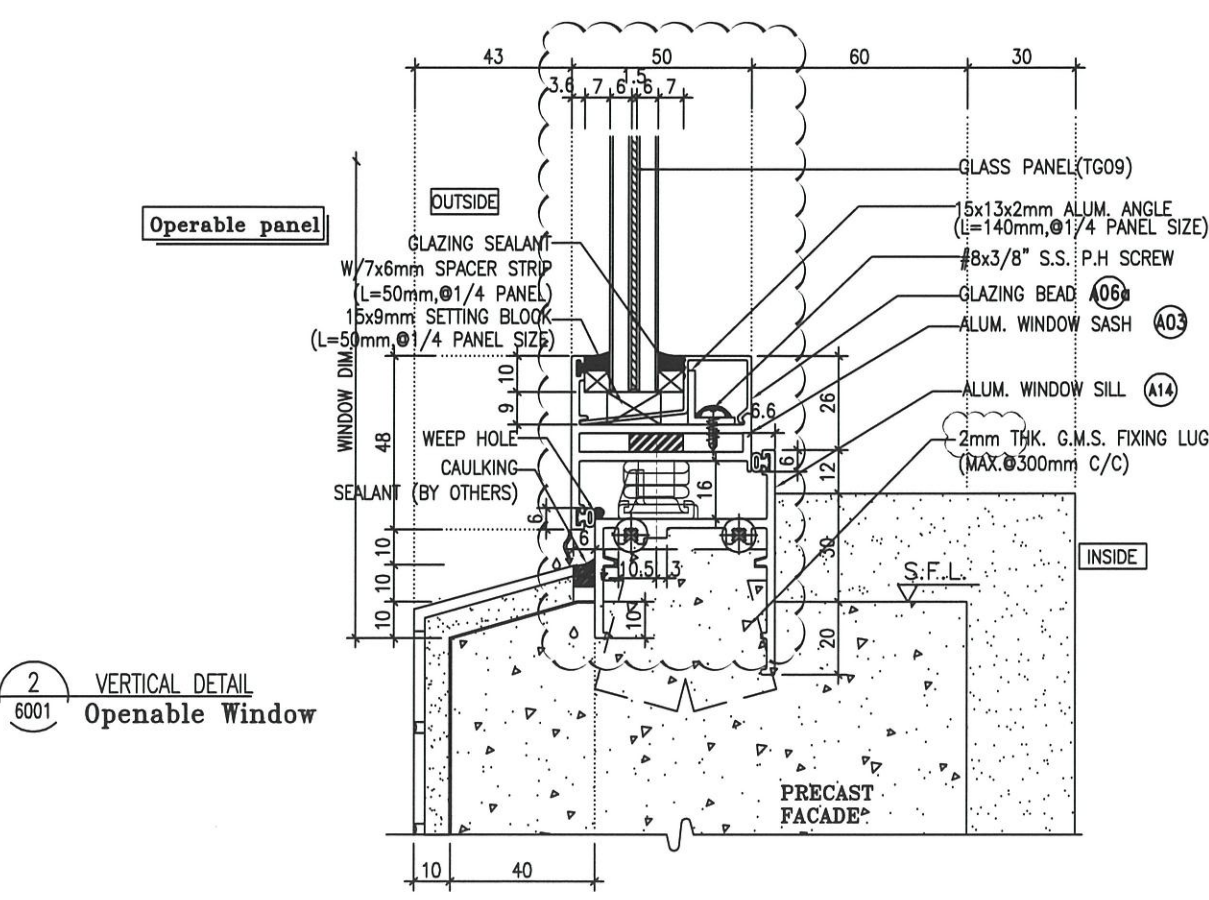
DATE : 28-OCT-21 SCALE : 1:150
 DRAWN BY : CHECKED BY :

 美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)27727666
 DWG NO. : J858-PW-3303 REV. : A

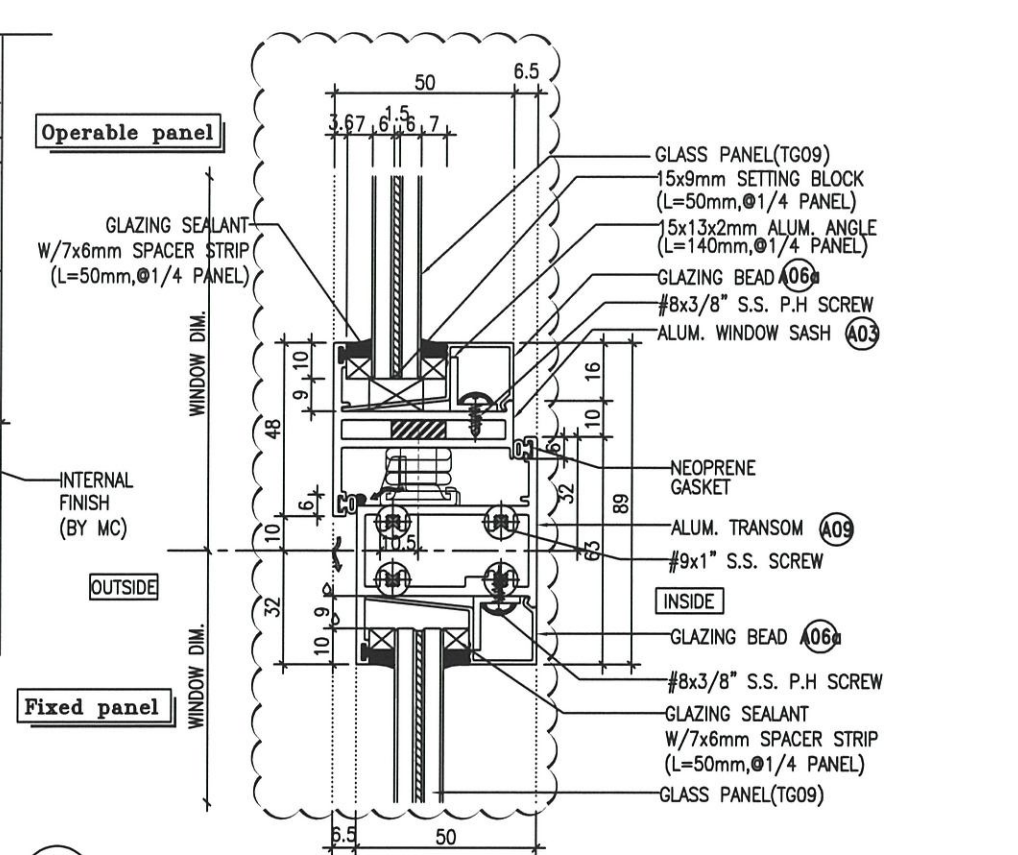
	LOCATION	QTY
	T3A Flat D BATH	1
	T3A Flat C BATH	1



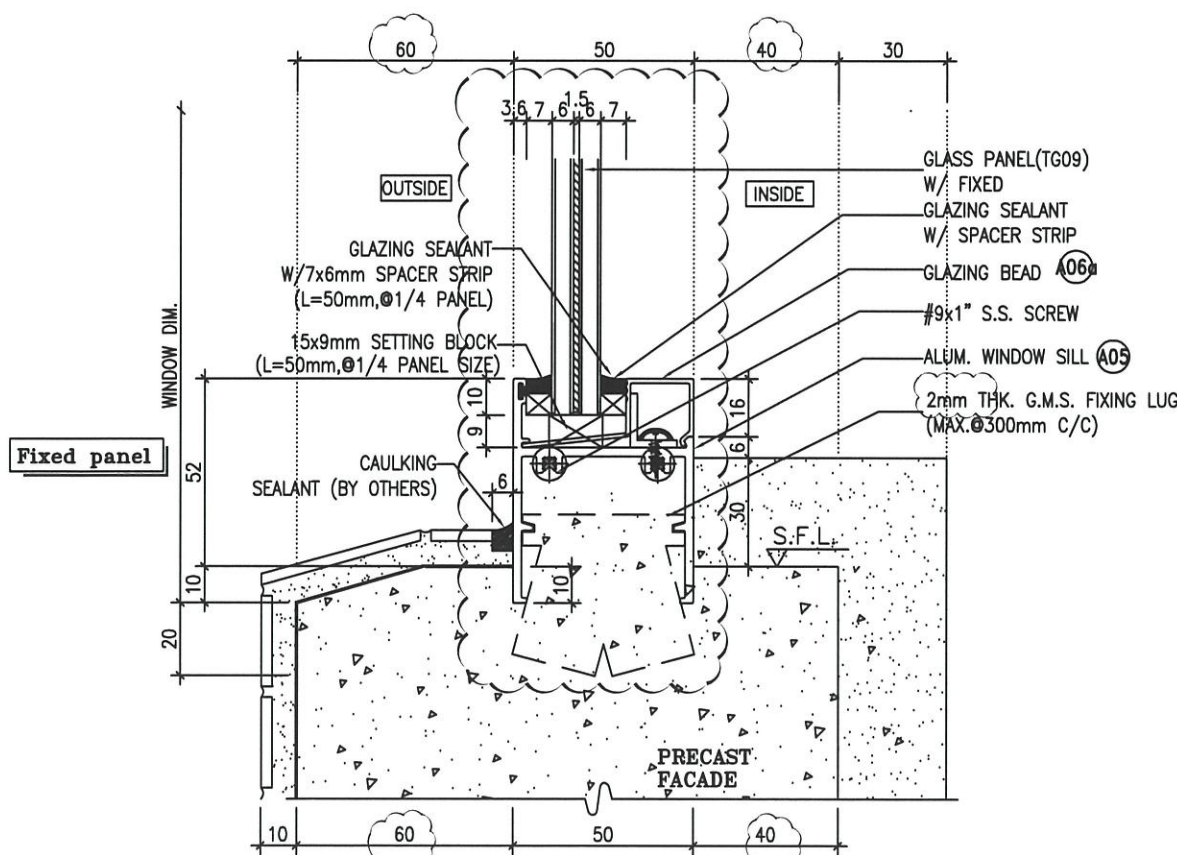
1 VERTICAL DETAIL
6001 Operable Window



2 VERTICAL DETAIL
6001 Operable Window



3 VERTICAL DETAIL
6001 Mullion Of Fixed Window
And Operable Window



4 VERTICAL DETAIL
6001 Fixed Window for PF P12 and P22

B.D. REF :

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

ARCHITECT :
ronald lu & partners
Ronald Lu & Partners (HK) Ltd.
呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :
Gammon

STRUCTURAL ENGINEER :
AECOM

FACADE CONSULTANT :
AECOM

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

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

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

B	23-11-2021	REVISED AS PER ARCHITECT COMMENT	LS
A	28-10-2021	REVISED AS PER ARCHITECT COMMENT	LS
NO.	DATE	REVISED	BY

JOB NO. : J-858
PROJECT : PROPOSED RESIDENTIAL DEVELOPMENT AT TKOTL 70RP, PHASE 11, LOHAS PARK TSEUNG KWAN O, N.T.

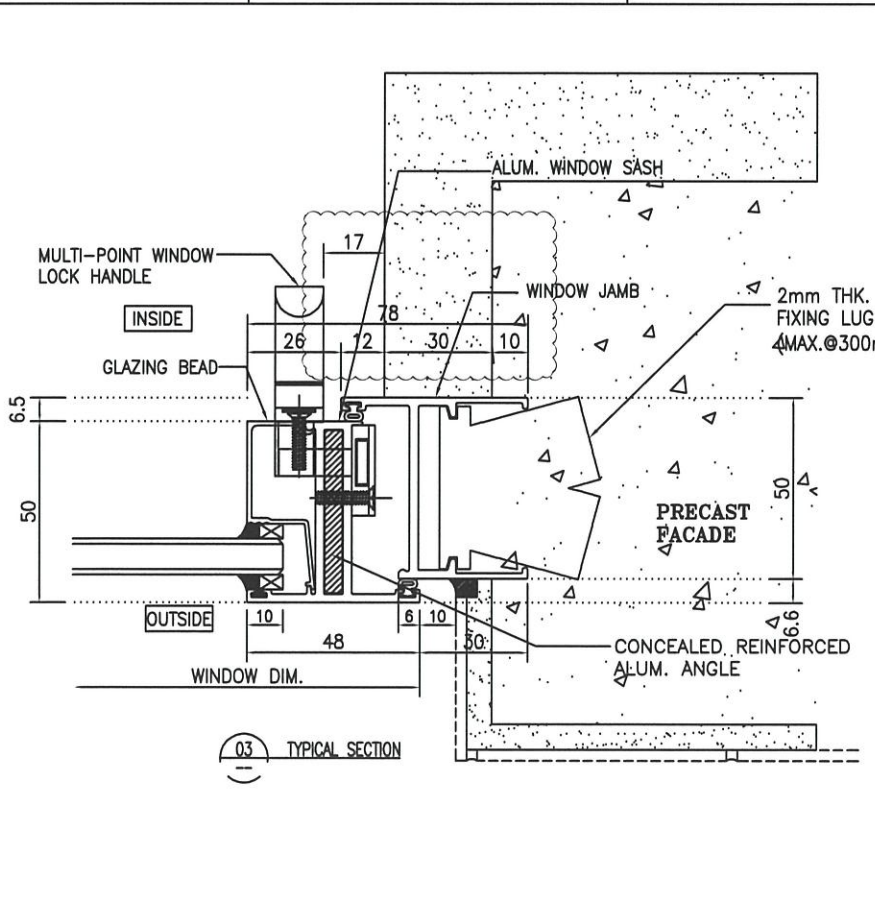
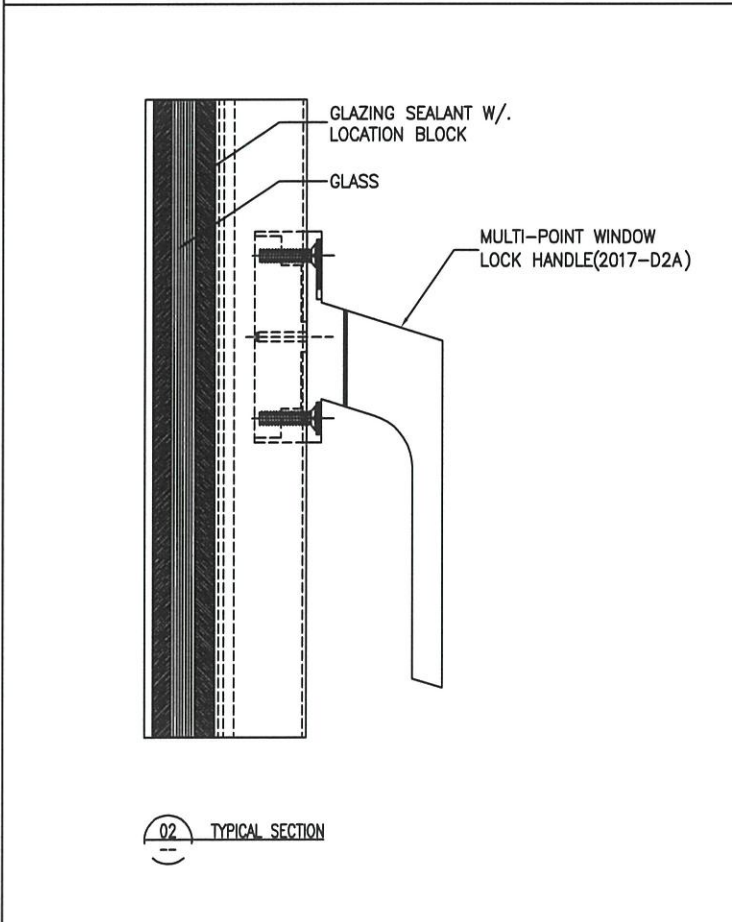
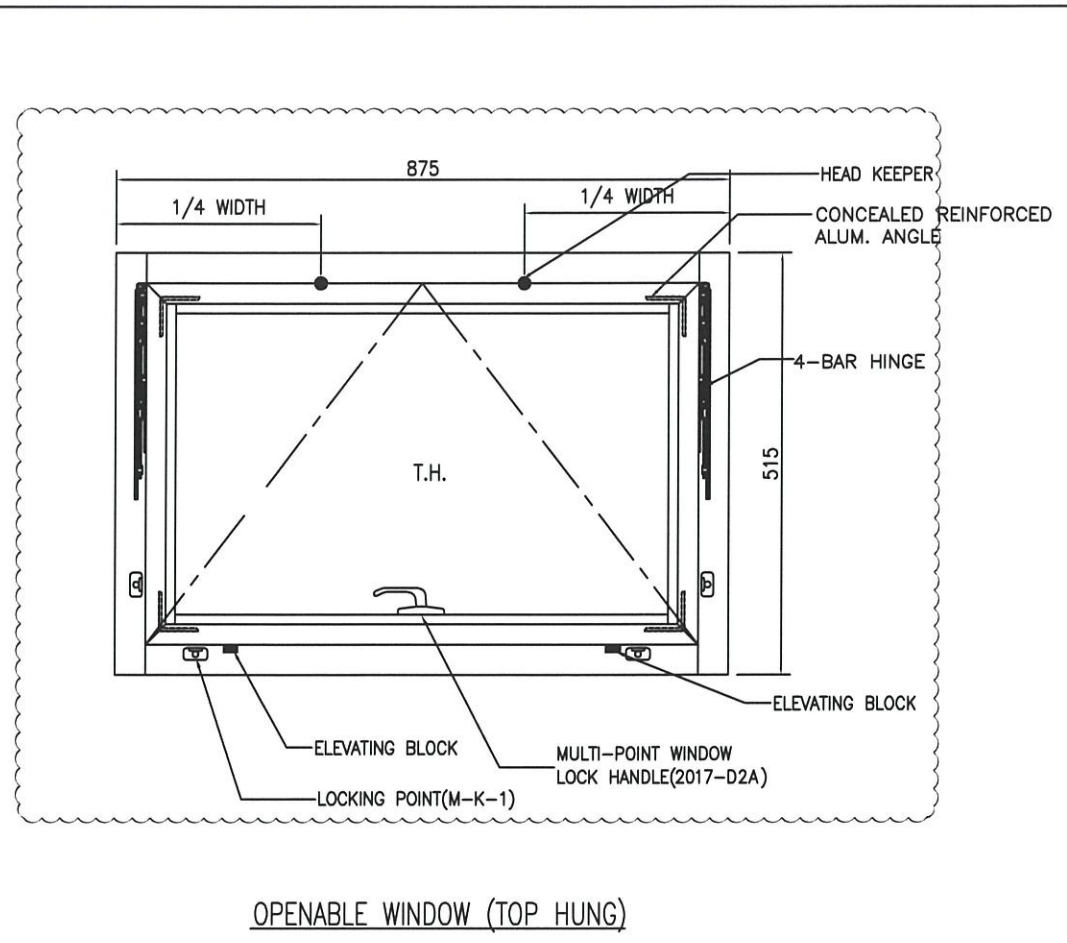
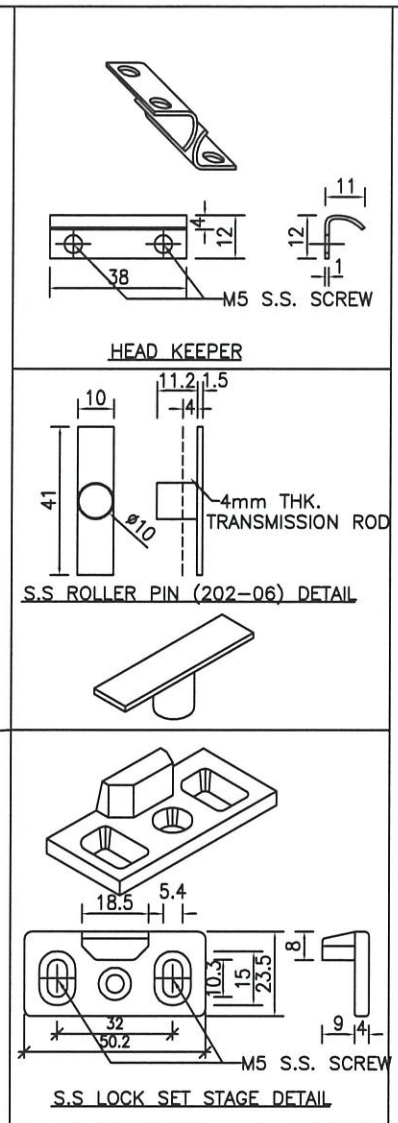
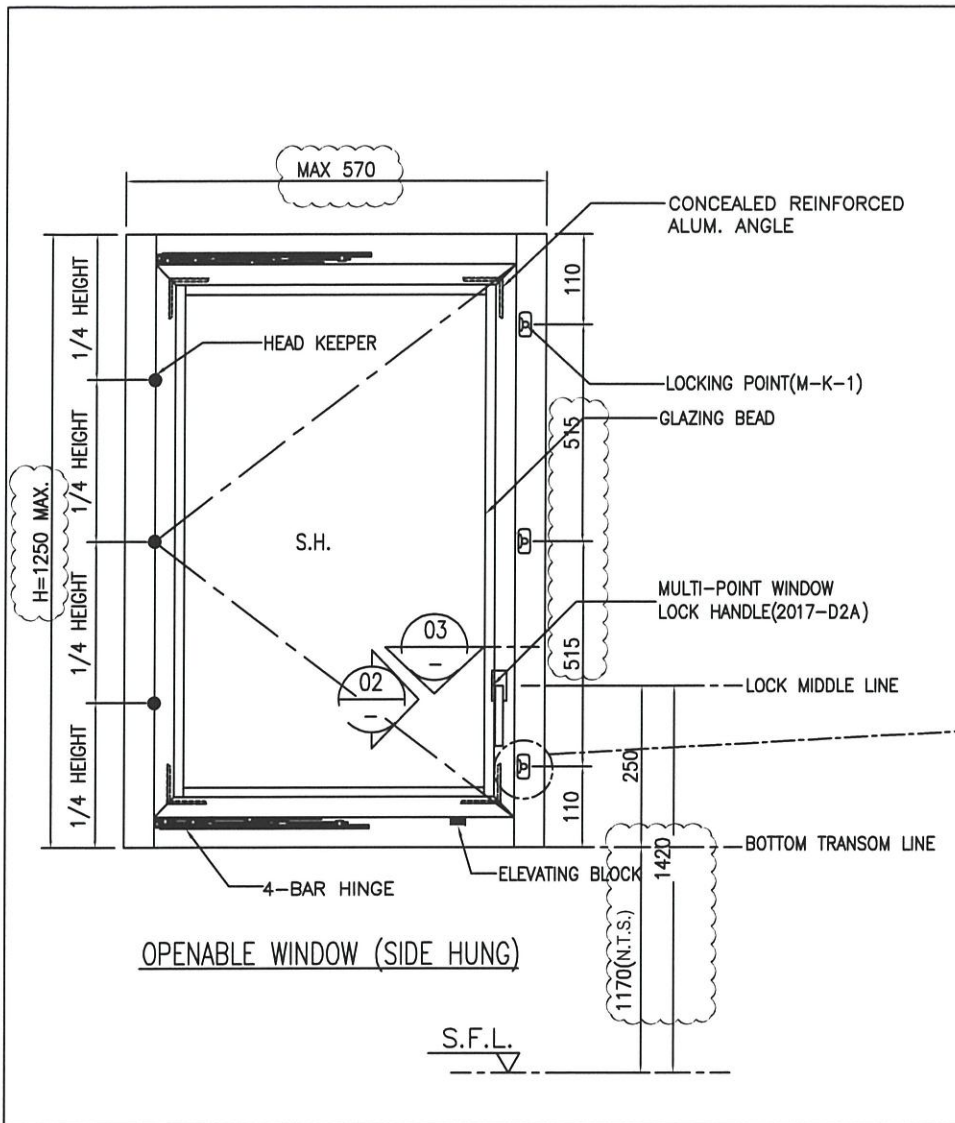
TITLE :
TYPICAL DETAIL FOR PRECAST ALUM. WINDOW

DATE : 04-OCT-21 SCALE : 1:2

DRAWN BY : CHECKED BY :

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

DWG NO. : J858-PW-6001 REV. : B



B.D. REF :

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

ARCHITECT :
 ronald lu & partners
 Architects, Planners, Interior Designers
 Ronald Lu & Partners (HK) Ltd.
 呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :
 Gammon

STRUCTURAL ENGINEER :
 AECOM

FACADE CONSULTANT :
 AECOM

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

LEGEND :
 DETAIL MARK NO.
 REFER SHEET NO.

1. F.F.L. -- FINISHED FLOOR LEVEL
 2. S.F.L. -- STRUCTURAL FLOOR LEVEL
 3. Ⓞ -- REVERSED DETAIL

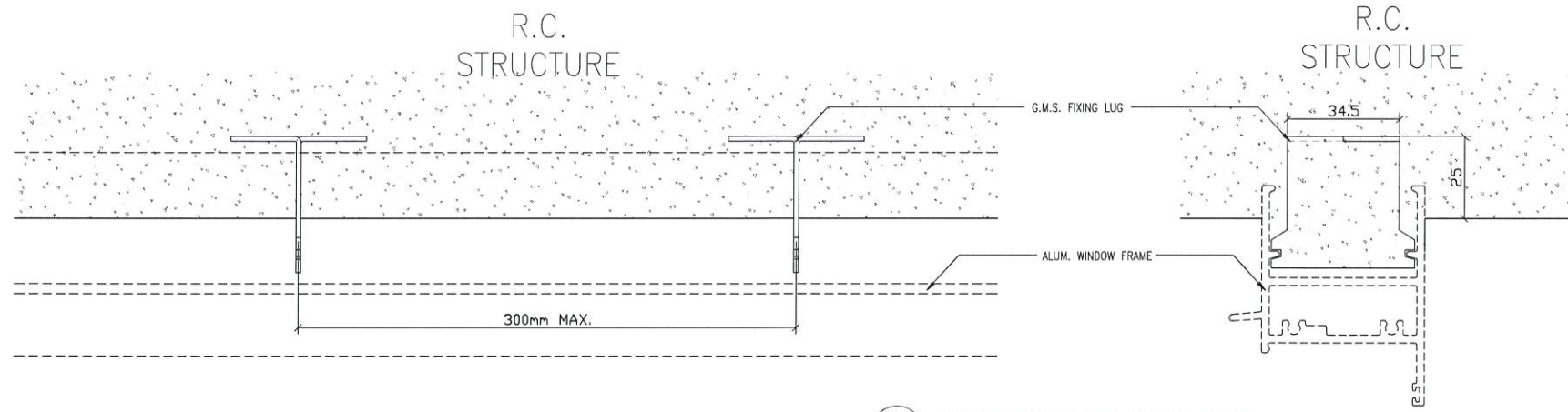
B	23-11-2021	REVISED AS PER ARCHITECT COMMENT	LS
A	28-10-2021	REVISED AS PER ARCHITECT COMMENT	LS
NO.	DATE	REVISED	BY

JOB NO. : J-858
 PROJECT :
 PROPOSED RESIDENTIAL DEVELOPMENT
 AT TKOTL 70RP, PHASE 11, LOHAS PARK
 TSEUNG KWAN O, N.T.

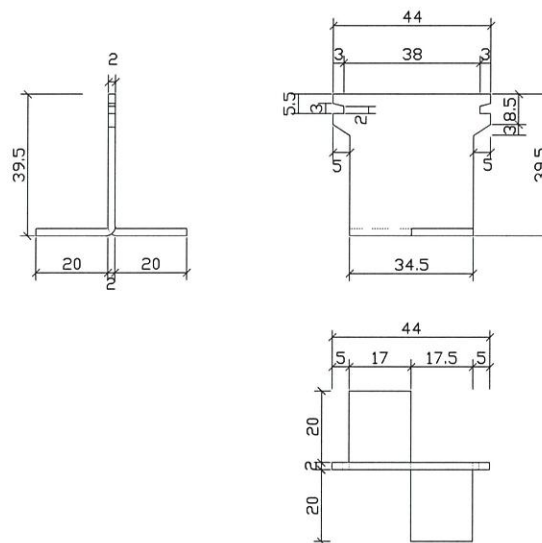
TITLE :
 ALUM. WINDOW SECTION
 TYPICAL LOCK & HINGES DETAIL

DATE : 04-OCT-21 SCALE : 1:2
 DRAWN BY : CHECKED BY :

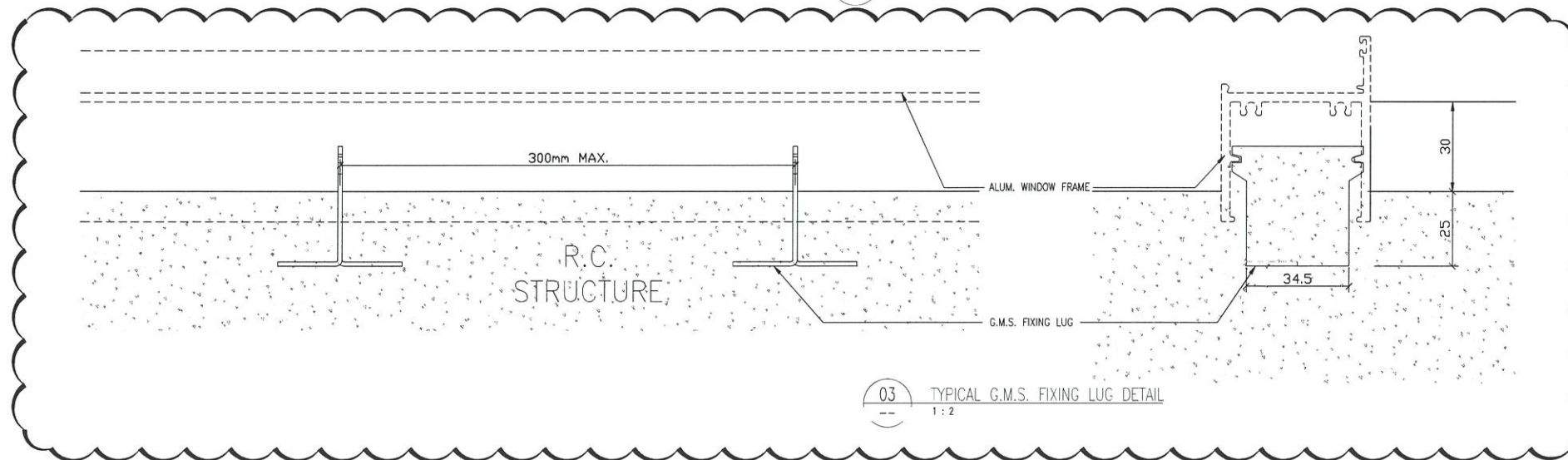
美特鋁質有限公司
 MIDI ALUMINIUM FABRICATOR LTD.
 Units 6-8, Sunray Industrial Centre, 1/F
 610 Cha Kwo Ling Road, Kowloon
 Tel:23489211-4 Fax:(852)2727666
 DWG NO. : J858-PW-8002 REV. : B



01 TYPICAL PRECAST G.M.S. FIXING LUG DETAIL
1:2



02 TYPICAL G.M.S. FIXING LUG DETAIL
1:2



03 TYPICAL G.M.S. FIXING LUG DETAIL
1:2

B.D. REF :

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

ARCHITECT :
ronald lu & partners
Architects, Planners, Interior Designers
Ronald Lu & Partners (HK) Ltd.
呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :
Gammon

STRUCTURAL ENGINEER :
AECOM

FACADE CONSULTANT:
AECOM

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

LEGEND :
X1 - DETAIL MARK NO.
X001 - REFER SHEET NO.
1. F.F.L. -- FINISHED FLOOR LEVEL
2. S.F.L. -- STRUCTURAL FLOOR LEVEL
3. (R) -- REVERSED DETAIL

NO.	DATE	REVISED	BY
A	23-11-2021	REVISED AS PER ARCHITECT COMMENT	LS

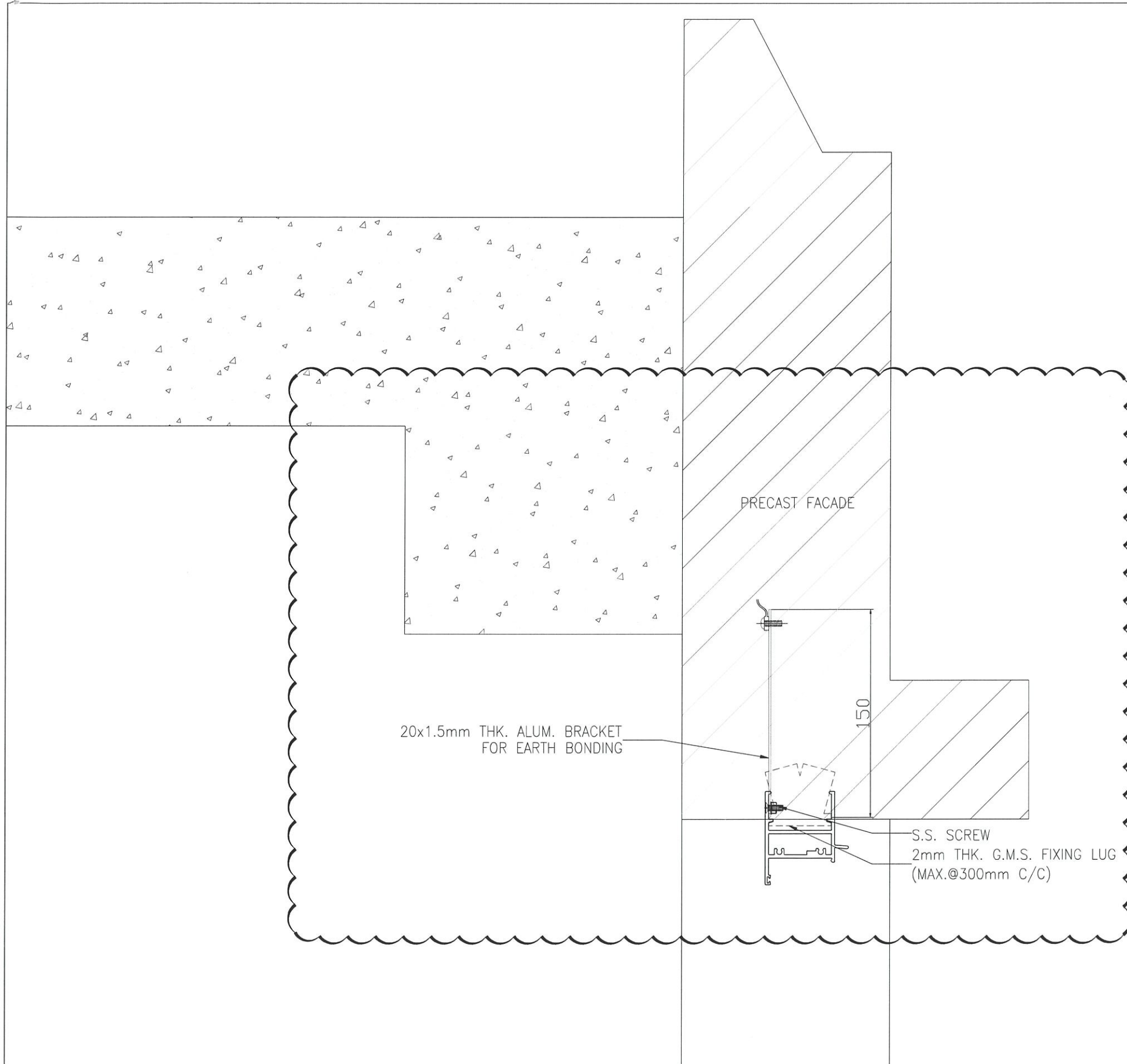
JOB NO. : J-858
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT
AT TKOTL 70RP, PHASE 11, LOHAS PARK
TSEUNG KWAN O, N.T.

TITLE :
G.M.S. FIXING LUG
TYPICAL DETAIL

DATE : 04-OCT-21 SCALE : 1:2
DRAWN BY : CHECKED BY :

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

DWG NO. : J858-PW-8003 REV. : A



1
-
HORIZONTAL DETAIL
FOR SIDE FIXING

B.D. REF :

CLIENT :

 信和置業有限公司
Sino Land Company Limited

ARCHITECT :

 **ronald lu & partners**
Architects, Planners, Interior Designers
Ronald Lu & Partners (HK) Ltd.
呂元祥建築師事務所 (香港) 有限公司

MAIN CONTRACTOR :

 **Gammon**

STRUCTURAL ENGINEER :

 **AECOM**



FACADE CONSULTANT:


 **AECOM**

NOTE :

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

LEGEND :

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

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

NO.	DATE	REVISED	BY
A	23-11-2021	REVISED AS PER ARCHITECT COMMENT	LS

JOB NO. : J-858

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

TITLE :

TYPICAL EARTHING
BONDING DETAILS OF PRECAST

DATE : 04-OCT-21 SCALE : 1:3

DRAWN BY : CHECKED BY :

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

DWG NO. : J858-PW-8004 REV. : A