DRAWING SUBMISSION REGISTER

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

TITLE :
SHOPDRAWING FOR
SHOPDRAWING FOR TOWER UNIT CURTAIN WALL

DATE OF ISSUE												
ISSUE												
DAY	01	04										
MONTH	11	07										
YEAR	21	22										

SUBMISSION STATE (FOR B.D / A.S.D)
AP - APPROVED
AC - APPROVED SUB. TO CONDITION
NA - NOT APPROVED

SUBMISSION STATE (FOR CLIENT / CONSULTANT)
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SUBMISSION STATE (FOR ARCHITECT)
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FABRICATION / CONSTRUCTION STATE
ISSUE TO CHINA OFFICE
ISSUE TO SITE
ISSUE TO SUB-CONTRACTOR

DRAWING TITLE	DWG. NO.	REVISIONS										COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	COMMENT DATE	REV.	STATE	REV.	DATE	REV.	DATE	REV.	DATE
DRAWING SUBMISSION REGISTER	BD-CO-001	–																								
DRAWING SUBMISSION REGISTER	BD-CO-002	–																								
GENERAL NOTES	BD-GN-001	A	B																							
SECTION PROPERTIES (1)	BD-GN-002	A	B																							
SECTION PROPERTIES (2)	BD-GN-003	A	B																							
SECTION PROPERTIES (3)	BD-GN-004	A	B																							
SCHEDULE OF EMBED	BD-GN-006	A	B																							
TOWER ELEVATION "1" FOR TOWER 1-8	BD-EL-001	A																								
TOWER ELEVATION "2" & "4" FOR TOWER 1 & 8	BD-EL-002	A																								
TOWER ELEVATION "3" FOR TOWER 1-8	BD-EL-003	A																								
TOWER L ELEVATION "1" – "3" FOR TOWER 5-8	BD-EL-004	A																								
TOWER 1 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-001	A	B																							
TOWER 1 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-002	A	B																							
TOWER 1 & 2 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-003	A	B																							
TOWER 2 & 3 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-004	A	B																							
TOWER 3 & 5 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-005	A	B																							
TOWER 5 & 6 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-006	A	B																							
TOWER 6 & 7 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-007	A	B																							
TOWER 7 & 8 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-008	A	B																							
TOWER 8 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-009	A	B																							
TOWER 8 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-010	A	B																							
TOWER 8 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-011	A	B																							
TOWER 7 & 8 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-012	A	B																							
TOWER 6 & 7 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-013	A	B																							
TOWER 6 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-014	A	B																							
TOWER 5 & 6 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-015	A	B																							
TOWER 3 & 5 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-016	A	B																							
TOWER 3 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-017	A	B																							
TOWER 2 & 3 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-018	A	B																							
TOWER 1 & 2 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-019	A	B																							
TOWER 1 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-020	A	B																							
TOWER 1 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-021	A	B																							
TOWER 1 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-022	A	B																							
TOWER 1 & 3 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-023	A																								
TOWER 6 & 8 PARTIAL ELEVATION, PLAN & SECTION	BD-PE-024	A																								
TOWER L PARTIAL ELEVATION, PLAN & SECTION	BD-PE-025	A	B																							
TOWER L PARTIAL ELEVATION, PLAN & SECTION	BD-PE-026	A	B																							
TOWER L PARTIAL ELEVATION, PLAN & SECTION	BD-PE-027	A	B																							

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
CMA C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
E-mail: cmwal@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

MAIN CONTRACTOR :
裕民建築有限公司

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

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

TITLE :
DRAWING SUBMISSION REGISTER

JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021

CHKD BY :
SCALE A1: 1:1
A3:

DWG. NO. : BD-CO-001
REV. : –

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FACADE DETAILS	BD-DT-001	A																								
FACADE DETAILS	BD-DT-002	A																								
FACADE DETAILS	BD-DT-003	A	B																							
FACADE DETAILS	BD-DT-004	A	B																							
FACADE DETAILS	BD-DT-005	A																								
FACADE DETAILS	BD-DT-006	–	A																							
FACADE DETAILS	BD-DT-007	–																								
FACADE DETAILS	BD-DT-008	–	A																							
FACADE DETAILS	BD-DT-101	A	B																							
FACADE DETAILS	BD-DT-102	A	B																							
FACADE DETAILS	BD-DT-103	A	B																							
FACADE DETAILS	BD-DT-104	A																								
FACADE DETAILS	BD-DT-105	A	B																							
FACADE DETAILS	BD-DT-106	–																								
FACADE DETAILS	BD-DT-107	–																								
FACADE DETAILS	BD-DT-108	–																								
FACADE DETAILS	BD-DT-109	–																								
FACADE DETAILS	BD-DT-110	–																								
FACADE DETAILS	BD-DT-111	–																								
FACADE DETAILS	BD-DT-112		–																							
FACADE DETAILS	BD-DT-113		–																							
2/F STARTER EMBED LAYOUT PLAN OF TOWER 1 – 3	BD-EM-001	A	B																							
2/F – 32/F EMBED LAYOUT PLAN OF TOWER 1 – 3	BD-EM-002	A	B																							
33/F EMBED LAYOUT PLAN OF TOWER 1 – 3	BD-EM-003	A	B																							
33/F FINISHER EMBED LAYOUT PLAN OF TOWER 1 – 3	BD-EM-004	A	B																							
2/F STARTER EMBED LAYOUT PLAN OF TOWER 5 & 6	BD-EM-005	A																								
2/F – 32/F EMBED LAYOUT PLAN OF TOWER 5 & 6	BD-EM-006	A	B																							
33/F EMBED LAYOUT PLAN OF TOWER 5 & 6	BD-EM-007	A	B																							
33/F EMBED LAYOUT PLAN OF TOWER 5 & 6	BD-EM-008	A	B																							
5/F STARTER EMBED LAYOUT PLAN OF TOWER 7 & 8	BD-EM-009	A	B																							
5/F – 30/F EMBED LAYOUT PLAN OF TOWER 7 & 8	BD-EM-010	A	B																							
31/F EMBED LAYOUT PLAN OF TOWER 7 & 8	BD-EM-011	A	B																							
31/F FINISHER EMBED LAYOUT PLAN OF TOWER 7 & 8	BD-EM-012	A	B																							
3/F, 5/F, 6/F EMBED LAYOUT PLAN OF TOWER L & SCHEDULE OF EMBED TYPES	BD-EM-013	A	B																							
6/F & R/F EMBED LAYOUT PLAN OF TOWER L	BD-EM-014	A																								

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DWG. NO. : BD-CO-002
REV. : –

1. DESIGN REFERENCE

a. CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011.
b. BUILDING ORDINANCE (CHAPTER 123) BUILDING CONSTRUCTION REGULATIONS 2012.
c. CODE OF PRACTICE FOR STRUCTURAL USE OF CONCRETE 2013.
d. CODE OF PRACTICE FOR STRUCTURAL USE OF GLASS 2018.
e. STRUCTURAL USE OF ALUMINIUM PART 1: CODE OF PRACTICE FOR DESIGN, BS8118-1:1991 (WIND LOAD LOAD FACTOR=1.4 ACCORDING TO PNAP APP-53)
f. CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004.
g. CODE OF PRACTICE FOR DEAD AND IMPOSED LOADS 2011.
h. PRACTICE NOTES FOR AUTHORISED PERSONS, REGISTERED STRUCTURAL ENGINEERS AND REGISTERED GEOTECHNICAL ENGINEERS APP-37.

2. DESIGN LOAD

1. WIND PRESSURE

DESIGN WIND LOADS SHALL BE IN ACCORDANCE WITH CODE OF PRACTICE ON WIND EFFECTS IN HONG KONG 2004.

SYSTEM	BASIC WIND PRESSURE (kPa)	DESIGN WIND LOAD (kPa)	HEIGHT ABOVE SITE GROUND LEVEL
CURTAIN WALL	2.88	2.88 OR −4.03 (CP=1.0 OR −1.4)	H=105m
ALUM. FEATURE	2.88	±5.76 (CP=±2.0)	

2. IMPOSED LOAD

USAGE: DOMESTIC USES
HORIZONTAL IMPOSED LOAD ACCORDING TO "BUILDING (CONSTRUCTION) REGULATION-2012" AND CODE OF PRACTICE FOR DEAD AND IMPOSED LOADS 2011
a. 0.75kN/m AT THE HEIGHT OF 1100mm FROM FLOOR.
b. IMPOSED UNIFORMLY DISTRIBUTED LOAD APPLIED ON INFILL BETWEEN FLOOR AND<1.1m,HEIGHT ABOVE FLOOR=1.0 kPa.
c. IMPOSED CONCENTRATED LOAD APPLIED ON ANY PART OF THE INFILL FLOOR AND<1.1m,HEIGHT ABOVE FLOOR=0.5KN FOR AREAS WHERE CONGREGATION OF PEOPLE IS NOT EXPECTED.

3. THERMAL EXPANSION UNDER ± 50°C IS CONSIDERED.

4. ALLOWABLE DEFLECTION

A. ALLOWABLE DEFLECTION OF ALUMINIUM MULLION & TRANSOM AT DESIGN WIND LOAD SHALL NOT EXCEED L/180 OR MAX. 20mm.
B. ALLOWABLE DEFLECTION OF ALUMINIUM TRANSOM AT DEAD LOAD SHALL NOT EXCEED L/250 OR 3mm.
C. ALLOWABLE DEFLECTION OF GLASS AT FULL DESIGN WIND LOAD SHALL NOT EXCEED L/60 FOR MONOLITHIC GLASS PANELS
D. ALLOWABLE DEFLECTION OF STEEL WORKS AT FULL DESIGN WIND LOAD SHALL NOT EXCEED L/180 OR MAX. 20mm
E. ALLOWABLE DEFLECTION OF METAL PANEL SHALL NOT EXCEED L/120 OR 20mm

3. STRUCTURAL STEEL

1. STRUCTURAL STEEL: ALL STEEL WORKS SHALL BE S275 (JO) TO BS EN 10025:2004, ALL STEEL HOLLOW SHALL BE S275(JOH), TO BS EN 10210-1: 2006 AND CLASS 1 TO C.O.P. FOR THE STRUCTURAL USE OF STEEL 2011

FOR THICKNESS <=16mm (S275)(JO)/(JOH)		FOR 16mm<THICKNESS<=40mm (S275)(JO)/(JOH)	
YOUNG'S MODULES	205,000 MPa	YOUNG'S MODULES	205,000 MPa
DENSITY	78.5 kN/m³	DENSITY	78.5 kN/m³
DESIGN STRENGTH	275 MPa	DESIGN STRENGTH	265 MPa

2. ALL STRUCTURAL STEEL WORK SHALL HOT DIP GALVANIZED TO BS EN ISO 1461:2009 WITH MINIMUM THICKNESS OF 85µm.

3. NON-SHRINK CEMENTITIOUS GROUT (EQUIVALENT STRENGTH SHALL BE A MINIMUM 45MPa AT 28 DAYS).

4. CAST-IN EMBED

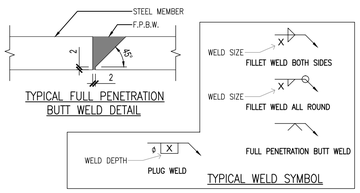
1. STEEL ROD TO BE GRADE S275 TO BS.EN10025(GALVANIZED)
SURFACE TREATMENT MIN THICKNESS=85µm

5. WELDING

1. ALL WELDING SHALL COMPLY TO BS EN 1011-1:2009, BS EN ISO 14341:2011 DESIGN WELD STRENGTH TO CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011. UNLESS OTHERWISE SPECIFIED ALL WELD SHALL BE 6mm FILLET WELD ALL ROUND. ALL WELDING SHALL BE ELECTRODE PERFORMED BY QUALIFIED WELDERS. ALL WELDING ELECTRODES TO COMPLY WITH BS EN ISO 2560:2009.

DESIGN STRENGTH 220 MPa

ALL WELDING SHALL BE DONE BY THE QUALIFIED WELDERS, TO BE COMPLY WITH BS EN 287-1:2004. ALL SITE WELDS SHALL BE RECEIVED WITH 2 COATS OF ZINC CHROMATE PRIMER WITH NOT LESS THAN 75µm IN ACCORDANCE WITH BS 4652:1995.



6. ALUMINIUM ALLOY EXTRUSION & PANEL

THE DESIGN STRENGTH OF STRUCTURAL ALUMINIUM ACCORDING TO BS 8118, B.S. E.N. 755-2, 2008 AND B.S. E.N. 573-3, 2009.

ALLOY	DESIGN STRENGTH (0.2% PROOF STRESS)	AXIAL STRENGTH N/mm²	SHEAR STRENGTH N/mm²	BENDING STRENGTH N/mm²	BEARING STRENGTH N/mm²
6061-T6	240	260	145	240	260
6063-T6	160	175	95	160	175

YOUNG'S MODULUS OF ALUMINIUM = 70,000 N/mm²
DENSITY OF ALUMINIUM = 27.2 kN/m³

THE DESIGN STRENGTH OF ALUM. CLADDING ACCORDING TO BS 8118 & BS EN 485-2, 2004 & BS EN 573-3 2009.

ALLOY	AXIAL STRENGTH N/mm²	SHEAR STRENGTH N/mm²	BENDING STRENGTH N/mm²	BEARING STRENGTH N/mm²
3003-H14	135	75	125	135

YOUNG'S MODULUS OF ALUMINIUM = 70,000 N/mm²
DENSITY OF ALUMINIUM = 27.2 kN/m³

7. FINISH TO ALUMINIUM SECTION:

1. ALL SURFACE TO BE PVF2 FINISH (3 COATS), UNLESS OTHERWISE SPECIFIED.
2. FINISH TO UNEXPOSED ALUMINIUM TO BE MILL FINISH.

8. FASTENERS

ALL STAINLESS STEEL FASTENERS, STAINLESS STEEL BOLTS & NUTS SHALL BE AUTHENTIC GROUP GRADE A4-70 COMPLYING WITH BS EN ISO 3506:2009 AND SCI PUBLICATION P291 STRUCTURAL DESIGN OF STAINLESS STEEL.

AISI 304 UNDER 300 SERIES	FOR GRADE A4-70
MINIMUM YIELD STRENGTH, Ysb	= 450 Mpa
ULTIMATE TENSILE STRENGTH, Usb	= 700 Mpa
SHEAR STRENGTH, Psb	= 311 Mpa
TENSILE STRENGTH, Ptb	= 450 Mpa
BEARING STRENGTH, Pbb	= 828 Mpa

UNLESS OTHERWISE SPECIFIED, ALL SCREWS SHOULD BE M5 AT 300mm C/C.

9. INSULATION
(MIN. 100mm ROCKWOOL INSULATION & FIRE STOP)

1. FIRE STOP
2 HRS FIRE STOP MATERIAL 'CSR' FS60, 135mm ROCKWOOL FIRE SEAL BATT
(B.D. REF: BD-FS-011) DENSITY : 60 kg/m³ UP 2 HRS. F.R.P.

2. SMOKE SEAL
SMOKE SEAL SHALL BE "MDI ALUMINIUM FABRICATOR LIMITED" TO COMPLY WITH FIRE CODE C10.2.

10. GLASS

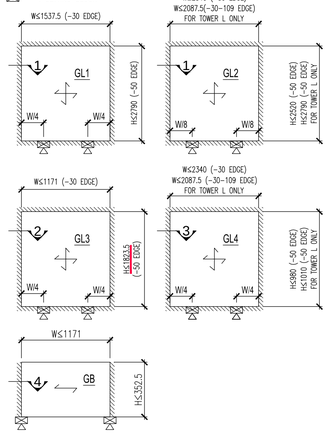
1. ALL GLASS TO BE COMPLYING WITH CODE OF PRACTICE FOR STRUCTURAL USE OF GLASS 2018.
2. ALLOWABLE DEFLECTION : SHORT SIDE SPAN / 60
ULTIMATE DESIGN STRENGTH FOR FULLY TEMPERED GLASS=80MPa (SHORT TERM)
ULTIMATE DESIGN STRENGTH FOR HEAT STRENGTHENED GLASS=40MPa (SHORT TERM)
DENSITY OF GLASS = 26kN/M³
3. MODULUS OF ELASTICITY = 70000 N/mm²
STRENGTH REDUCTION FACTOR=1.0, GLASS SURFACE TREATMENT REDUCTION FACTOR=1.0

GLASS TYPE	GLASS SIZE	SPAN DIRECTION
GL1	(OUTER) 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS	
GL2	(OUTER) 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS	
GL3	(OUTER) 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS	
GL4	(OUTER) 8mm FULLY TEMPERED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS	
GB	10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)	

FT:FULLY TEMPERED GLASS, HS:HEAT STRENGTHENED GLASS

4. 100% HEAT SOAK TEST SHALL BE REQUIRED FOR ALL FULLY TEMPERED GLASS. HEAT SOAKED TESTING METHOD WITH PROCEDURE TO BE BASED ON BS.EN-14179-1:2016 (PNAP APP37 SPECIFIED).
5. IMPACT TEST SHALL BE CARRIED OUT IN ACCORDANCE WITH BS EN 12600:2002. MATERIAL OF GLASS TO BE IN ACCORDANCE WITH QUALITIES SPECIFIED TO BS 952:1 1995 & BS 952:2 1980.
6. NO COMPOSITE ACTION IS CONSIDERED.

LEGEND :
▨ : WIND LOAD SUPPORT
△ : DEAD LOAD SUPPORT
⊠ : SETTING BLOCK



TYPICAL ELEVATION FOR SETTING BLOCK LOCATION

11. SEALANT

SECONDARY SEAL FOR IGU SHOULD BE ULTRAGLAZE SSG4400 SILICON STRUCTURAL SEALANT.
(BD REF: BD-SS-005) ALLOWABLE STRESS 138kPa

12. GASKET & SETTING BLOCK

1. SETTING BLOCKS SHALL BE 85±5mm SHORE A DUROMETER EPDM NO LESS THAN 150mm LONG AT 1/4 POINTS UNLESS NOTED OTHERWISE.
2. BACK-UP MATERIAL FOR PERIMETER WEATHER SEALS SHALL BE NON-GASSING SILICONE COMPATIBLE BACKER ROD.
3. FIXED GLAZING WEDGE/GASKETS TO BE EXTRUDED SPONGE EPDM 40±5mm SHORE A OR DOUBLE SIDED TAPE.

13. HOLDING DOWN BOLT (FOR EMBED)

ALL HOLDING DOWN BOLT SHOULD BE GRADE 8.8 BOLT COMPLY WITH BS 4190:2011 AND DESIGN TO CODE OF PRACTICE FOR THE STRUCTURAL USE OF STEEL 2011.

GRADE 8.8

SHEAR STRENGTH	375 N/mm²
TENSILE STRENGTH	560 N/mm²
BEARING STRENGTH	1000 N/mm²

14. NOTE FOR R.C. STRUCTURE
(FOR INFORMATION ONLY)

1. ALL STRUCTURAL CONCRETE WORKS SHALL BE IN ACCORDANCE WITH THE HONG KONG -BUILDING (CONSTRUCTION) REGULATIONS: 2012 -HONG KONG CODE OF PRACTICE FOR STRUCTURAL USE OF CONCRETE 2013

2. THE STRUCTURAL CONCRETE SHALL BE "DESIGNED MIXES" OF GRADES IN ACCORDANCE WITH THE HONG KONG BUILDING CONSTRUCTION REGULATIONS AND AS INDICATED IN THE TABLE BELOW:

MEMBERS	CONCRETE GRADE
BEAM, SLAB, CURB, COLUMNS	C45D / 20

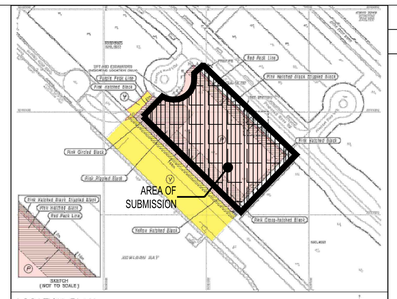
15. ISOLATION MATERIAL (FOR INFORMATION ONLY)

1. WHERE ALUMINIUM IS IN CONTACT WITH STEEL , PLASTIC TAPE OR COATING SHALL BE PROVIDED AT CONTACT SURFACE TO PREVENT GALVANIC REACTION,TO PD 6484.

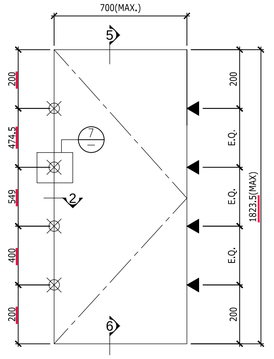
2. WHERE ALUMINIUM OR STEEL IS IN CONTACT WITH CONCRETE, BITUMINOUS PAINT TO BE PROVIDED AT CONTACT SURFACE TO PREVENT GALVANIC REACTION, TO PD 6484.

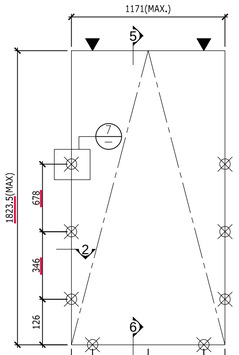
16. DEFLECTION LIMIT

- GLASS WITH 4-SIDES SUPPORT	SPAN/60
- ALUM MULLION & TRANSOM	SPAN/180 OR 20mm, WHICHEVER IS LESSER.



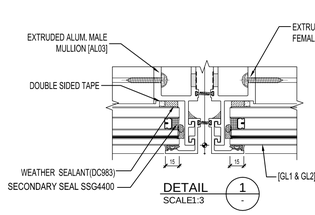
LOCATION PLAN
SCALE 1:2000



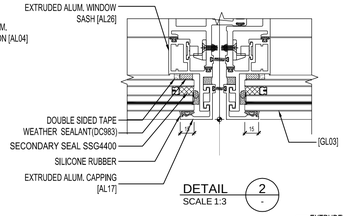


TYPICAL SUPPORT AND LOCK POINT OF OPENABLE GLASS PANEL
(APPEOVE IN CLOSED & LOCKED POSITION)
NOTE: ALLOWABLE CAPACITY LOCKING PIN = 1.69kN (F.O.S.=2.5)
ULTIMATE CAPACITY KEEPER(KMP1) = 4.225kN

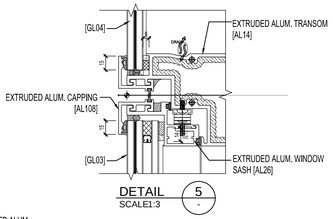
⊠ LOCKING PIN (ACRP-13.5)
▲ KEEPER(KMP1)



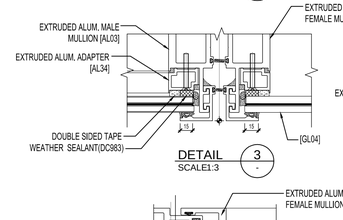
DETAIL 1 SCALE1:3



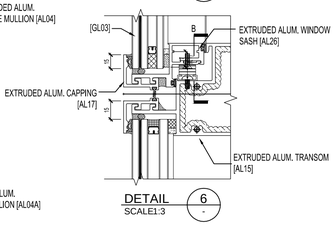
DETAIL 2 SCALE1:3



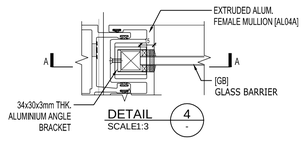
DETAIL 5 SCALE1:3



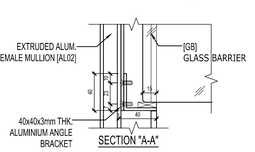
DETAIL 3 SCALE1:3



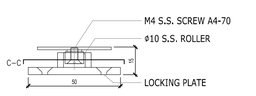
DETAIL 6 SCALE1:3



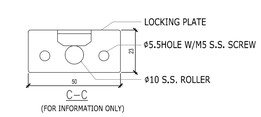
DETAIL 4 SCALE1:3



SECTION "A-A"



LOCK POINT ELEVATION (SECTION "B")
(FOR INFORMATION ONLY)



(FOR INFORMATION ONLY)

B.D. REF : BD 3/4056/19

F.S.D. REF :

GBP APPROVAL DATE : 20 AUG. 2021
SUPER STRUCTURE PLAN APPROVAL DATE : 9 APR. 2021

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd BD AMENDMENT	
A	01.Nov.2021	1st BD AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
E-mail: cmwa@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

MAIN CONTRACTOR :
裕民建築有限公司

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

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

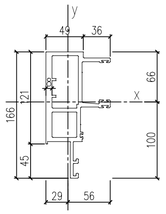
TITLE :
GENERAL NOTES

JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: 1:1
A3:

DWG. NO. : BD-GN-001
REV. : B

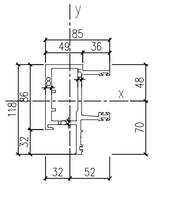
M1 X86047



EXTRUSION MARK: EXTRUDED ALUM, MALE MULLION (AL03)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2773
Perimeter (mm) :	1038
Bounding Box – X (mm):	-29 to 56
Bounding Box – Y (mm):	-100 to 66
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	5276710
Moments of inertia – Y (mm⁴) :	1440221
Product of inertia – XY (mm⁴) :	1440221
Radii of gyration – X (mm) :	-139887
Radii of gyration – Y (mm) :	23
Principal moments along X-Y (mm⁴) :	23
Principal moments along Y-X (mm⁴) :	5281102 along [1 0]
Elastic Modulus – Zx (mm³):	1435629 along [0 1]
Elastic Modulus – Zy (mm³):	1 / y-max= 52613

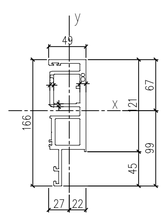
M2 X86048



EXTRUSION MARK: EXTRUDED ALUM, MALE MULLION (AL03A)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2119.4
Perimeter (mm) :	803.1
Bounding Box – X (mm):	-32.2 to 52.3
Bounding Box – Y (mm):	-70.0 to 48.0
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	2215305.8
Moments of inertia – Y (mm⁴) :	1223243.9
Product of inertia – XY (mm⁴) :	167555.8
Radii of gyration – X (mm) :	32.3
Radii of gyration – Y (mm) :	24.0
Principal moments along X-Y (mm⁴) :	2242841.1 along [1.0 0.2]
Principal moments along Y-X (mm⁴) :	1195708.6 along [-0.2 1.0]
Elastic Modulus – Zx (mm³):	1 / y-max= 31654.9
Elastic Modulus – Zy (mm³):	1 / y-max= 23379.4

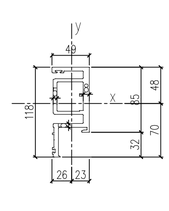
M3 X86049



EXTRUSION MARK: EXTRUDED ALUM, FEMALE MULLION (AL04)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2490
Perimeter (mm) :	947
Bounding Box – X (mm):	-27 to 22
Bounding Box – Y (mm):	-99 to 67
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	4924084
Moments of inertia – Y (mm⁴) :	701591
Product of inertia – XY (mm⁴) :	-294167
Radii of gyration – X (mm) :	44
Radii of gyration – Y (mm) :	17
Principal moments along X-Y (mm⁴) :	4944479 along [1 0]
Principal moments along Y-X (mm⁴) :	681196 along [0 1]
Elastic Modulus – Zx (mm³):	1 / y-max= 49728
Elastic Modulus – Zy (mm³):	1 / y-max= 25897

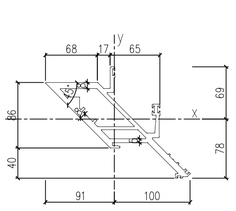
M4 X86050



EXTRUSION MARK: EXTRUDED ALUM, FEMALE MULLION (AL04A)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1867.4
Perimeter (mm) :	707.7
Bounding Box – X (mm):	-25.9 to 23.1
Bounding Box – Y (mm):	-70.4 to 47.6
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	1928224.0
Moments of inertia – Y (mm⁴) :	568556.3
Product of inertia – XY (mm⁴) :	-247958.0
Radii of gyration – X (mm) :	32.1
Radii of gyration – Y (mm) :	17.5
Principal moments along X-Y (mm⁴) :	1972062.2 along [1.0 -0.2]
Principal moments along Y-X (mm⁴) :	525121.1 along [0.2 1.0]
Elastic Modulus – Zx (mm³):	1 / y-max= 27408.7
Elastic Modulus – Zy (mm³):	1 / y-max= 21997.8

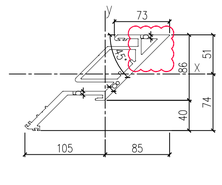
M7 X86051



EXTRUSION MARK: EXTRUDED ALUM, OUTER CORNER MALE MULLION (AL07)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3583.5
Perimeter (mm) :	1170.5
Bounding Box – X (mm):	-90.6 to 99.6
Bounding Box – Y (mm):	-77.6 to 68.7
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	4361519.1
Moments of inertia – Y (mm⁴) :	8366925.2
Product of inertia – XY (mm⁴) :	4655660.7
Radii of gyration – X (mm) :	34.9
Radii of gyration – Y (mm) :	48.3
Principal moments along X-Y (mm⁴) :	12360186.8 along [0.8 -0.5]
Principal moments along Y-X (mm⁴) :	1143283.5 along [0.5 0.8]
Elastic Modulus – Zx (mm³):	1 / y-max= 56186.6
Elastic Modulus – Zy (mm³):	1 / y-max= 84019.1

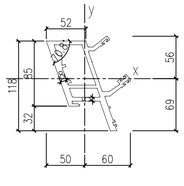
M8 X86052



EXTRUSION MARK: EXTRUDED ALUM, OUTER CORNER FEMALE MULLION (AL08)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2930.6
Perimeter (mm) :	1014.5
Bounding Box – X (mm):	-105.5 to 84.7
Bounding Box – Y (mm):	-74.3 to 51.4
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	3563130.5
Moments of inertia – Y (mm⁴) :	6185499.4
Product of inertia – XY (mm⁴) :	-4388249.5
Radii of gyration – X (mm) :	34.9
Radii of gyration – Y (mm) :	48.8
Principal moments along X-Y (mm⁴) :	9651186.4 along [0.8 0.6]
Principal moments along Y-X (mm⁴) :	97854413.5 along [-0.6 0.8]
Elastic Modulus – Zx (mm³):	1 / y-max= 47936.2
Elastic Modulus – Zy (mm³):	1 / y-max= 66245.4

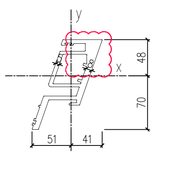
M9 X86053



EXTRUSION MARK: EXTRUDED ALUM, MALE MULLION (AL86)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2495.1
Perimeter (mm) :	903.4
Bounding Box – X (mm):	-50.5 to 60.0
Bounding Box – Y (mm):	-68.6 to 55.8
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	2574786.6
Moments of inertia – Y (mm⁴) :	1923970.6
Product of inertia – XY (mm⁴) :	1083244.5
Radii of gyration – X (mm) :	32.1
Radii of gyration – Y (mm) :	27.8
Principal moments along X-Y (mm⁴) :	3383657.6 along [0.8 0.6]
Principal moments along Y-X (mm⁴) :	1124099.6 along [-0.6 0.8]
Elastic Modulus – Zx (mm³):	1 / y-max= 37526.6
Elastic Modulus – Zy (mm³):	1 / y-max= 32219.5

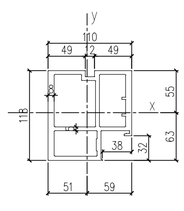
M10 X86054



EXTRUSION MARK: EXTRUDED ALUM, FEMALE MULLION (AL85)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2230
Perimeter (mm) :	727
Bounding Box – X (mm):	-51 to 41
Bounding Box – Y (mm):	-70 to 48
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	2439608
Moments of inertia – Y (mm⁴) :	1343193
Product of inertia – XY (mm⁴) :	1271179
Radii of gyration – X (mm) :	33
Radii of gyration – Y (mm) :	25
Principal moments along X-Y (mm⁴) :	3113774 along [1 1]
Principal moments along Y-X (mm⁴) :	2077635 along [-1 1]
Elastic Modulus – Zx (mm³):	1 / y-max= 34609
Elastic Modulus – Zy (mm³):	1 / y-max= 26259

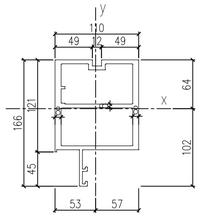
M13 X86055



EXTRUSION MARK: EXTRUDED ALUM, INTERMEDIATE MULLION (AL65)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3509.0
Perimeter (mm) :	1148.7
Bounding Box – X (mm):	-51.4 to 58.6
Bounding Box – Y (mm):	-62.7 to 55.3
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	4999940.9
Moments of inertia – Y (mm⁴) :	5179260.5
Product of inertia – XY (mm⁴) :	-925299.4
Radii of gyration – X (mm) :	37.7
Radii of gyration – Y (mm) :	38.4
Principal moments along X-Y (mm⁴) :	4155022.7 along [0.7 0.7]
Principal moments along Y-X (mm⁴) :	6015178.7 along [-0.7 0.7]
Elastic Modulus – Zx (mm³):	1 / y-max= 79604.4
Elastic Modulus – Zy (mm³):	2 / y-max= 88352.5

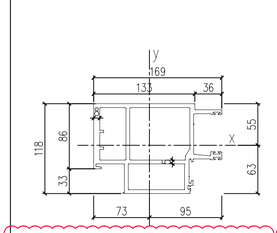
M14 X86056



EXTRUSION MARK: EXTRUDED ALUM, INTERMEDIATE MULLION (AL66)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3656
Perimeter (mm) :	1211
Bounding Box – X (mm):	-53 to 57
Bounding Box – Y (mm):	-102 to 64
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	7167383
Moments of inertia – Y (mm⁴) :	6114379
Product of inertia – XY (mm⁴) :	-390671
Radii of gyration – X (mm) :	44
Radii of gyration – Y (mm) :	41
Principal moments along X-Y (mm⁴) :	7296494 along [1 0]
Principal moments along Y-X (mm⁴) :	5985268 along [0 1]
Elastic Modulus – Zx (mm³):	1 / y-max= 70324
Elastic Modulus – Zy (mm³):	1 / y-max= 107879

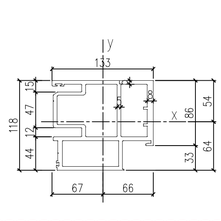
M15 X86057



EXTRUSION MARK: EXTRUDED ALUM, MALE MULLION (AL67)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3899.6
Perimeter (mm) :	1487.0
Bounding Box – X (mm):	-73.3 to 95.2
Bounding Box – Y (mm):	-63.4 to 54.6
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	5684785.2
Moments of inertia – Y (mm⁴) :	9852565.3
Product of inertia – XY (mm⁴) :	668555.9
Radii of gyration – X (mm) :	38.2
Radii of gyration – Y (mm) :	50.3
Principal moments along X-Y (mm⁴) :	5580045.6 along [1.0 -0.2]
Principal moments along Y-X (mm⁴) :	9957304.9 along [0.2 1.0]
Elastic Modulus – Zx (mm³):	1 / y-max= 87078.1
Elastic Modulus – Zy (mm³):	2 / y-max= 103521.7

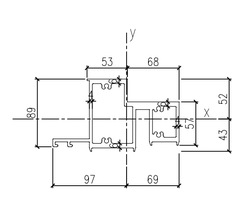
M16 X86058



EXTRUSION MARK: EXTRUDED ALUM, FEMALE MULLION (AL68)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3747.1
Perimeter (mm) :	1435.8
Bounding Box – X (mm):	-67.0 to 66.0
Bounding Box – Y (mm):	-63.8 to 54.2
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	5463720.4
Moments of inertia – Y (mm⁴) :	7175685.5
Product of inertia – XY (mm⁴) :	-829822.2
Radii of gyration – X (mm) :	38.2
Radii of gyration – Y (mm) :	43.8
Principal moments along X-Y (mm⁴) :	5127515.5 along [0.9 0.4]
Principal moments along Y-X (mm⁴) :	7511800.4 along [-0.4 0.9]
Elastic Modulus – Zx (mm³):	1 / y-max= 85093.9
Elastic Modulus – Zy (mm³):	1 / y-max= 107163.2

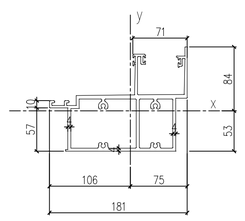
T1 X86059



EXTRUSION MARK: EXTRUDED ALUM, SILL STACK JOINT (AL11)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2861
Perimeter (mm) :	1147
Bounding Box – X (mm):	-97 to 69
Bounding Box – Y (mm):	-43 to 52
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	2407041
Moments of inertia – Y (mm⁴) :	5237323
Product of inertia – XY (mm⁴) :	-1612375
Radii of gyration – X (mm) :	29
Radii of gyration – Y (mm) :	43
Principal moments along X-Y (mm⁴) :	2397167 along [1 0]
Principal moments along Y-X (mm⁴) :	5247197 along [0 1]
Elastic Modulus – Zx (mm³):	1 / y-max= 45849
Elastic Modulus – Zy (mm³):	2 / y-max= 54012

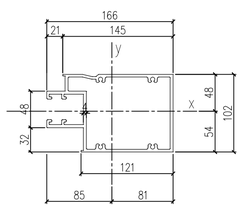
T2 X86060



EXTRUSION MARK: EXTRUDED ALUM, GUTTER STACK JOINT (AL12)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3148
Perimeter (mm) :	1574
Bounding Box – X (mm):	-106 to 75
Bounding Box – Y (mm):	-53 to 84
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	4302661
Moments of inertia – Y (mm⁴) :	8098941
Product of inertia – XY (mm⁴) :	-1613275
Radii of gyration – X (mm) :	37
Radii of gyration – Y (mm) :	51
Principal moments along X-Y (mm⁴) :	3710389 along [1 0]
Principal moments along Y-X (mm⁴) :	8692114 along [0 1]
Elastic Modulus – Zx (mm³):	1 / y-max= 51190
Elastic Modulus – Zy (mm³):	2 / y-max= 76224

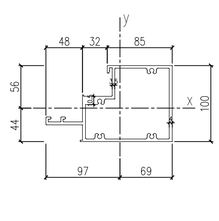
T3 X86061



EXTRUSION MARK: EXTRUDED ALUM, INTERMEDIATE TRANSOM (AL13)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2400
Perimeter (mm) :	1262
Bounding Box – X (mm):	-85 to 81
Bounding Box – Y (mm):	-54 to 48
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	3439455
Moments of inertia – Y (mm⁴) :	7082443
Product of inertia – XY (mm⁴) :	437544
Radii of gyration – X (mm) :	38
Radii of gyration – Y (mm) :	54
Principal moments along X-Y (mm⁴) :	3388802 along [1 0]
Principal moments along Y-X (mm⁴) :	7133096 along [0 1]
Elastic Modulus – Zx (mm³):	1 / y-max= 64164
Elastic Modulus – Zy (mm³):	2 / y-max= 82872

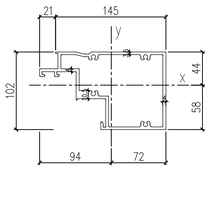
T4 X86062



EXTRUSION MARK: EXTRUDED ALUM, INTERMEDIATE TRANSOM (AL15)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2161.4
Perimeter (mm) :	1086.1
Bounding Box – X (mm):	-88.8 to 97.2
Bounding Box – Y (mm):	-44.1 to 55.9
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0.0000
Moments of inertia – X (mm⁴) :	2638342.3
Moments of inertia – Y (mm⁴) :	5113258.1
Product of inertia – XY (mm⁴) :	838951.0
Radii of gyration – X (mm) :	34.9
Radii of gyration – Y (mm) :	48.6
Principal moments along X-Y (mm⁴) :	2371620.3 along [1.0 -0.3]
Principal moments along Y-X (mm⁴) :	5369880.2 along [0.3 1.0]
Elastic Modulus – Zx (mm³):	1 / y-max= 47025.1
Elastic Modulus – Zy (mm³):	2 / y-max= 52579.6

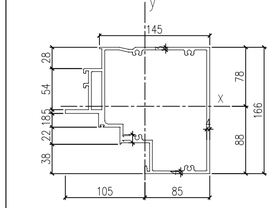
T5 X86063



EXTRUSION MARK: EXTRUDED ALUM, INTERMEDIATE TRANSOM (AL14)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2256.0
Perimeter (mm) :	1141.5
Bounding Box – X (mm):	-71.7 to 94.3
Bounding Box – Y (mm):	-58.4 to 43.6
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	2896403.7
Moments of inertia – Y (mm⁴) :	5690214.2
Product of inertia – XY (mm⁴) :	-1126926.4
Radii of gyration – X (mm) :	35.8
Radii of gyration – Y (mm) :	50.2
Principal moments along X-Y (mm⁴) :	2498509.1 along [0.9 0.3]
Principal moments along Y-X (mm⁴) :	6088110.8 along [-0.3 0.9]
Elastic Modulus – Zx (mm³):	1 / y-max= 49619.7
Elastic Modulus – Zy (mm³):	2 / y-max= 60370.9

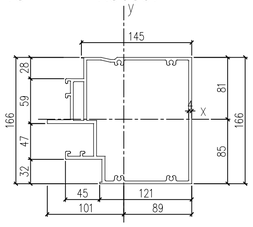
T7 X86066



EXTRUSION MARK: EXTRUDED ALUM, TRANSOM (AL71)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3249.6
Perimeter (mm) :	1579.6
Bounding Box – X (mm):	-104.6 to 85.2
Bounding Box – Y (mm):	-88.4 to 77.6
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	9781532.4
Moments of inertia – Y (mm⁴) :	11568724.8
Product of inertia – XY (mm⁴) :	1655001.7
Radii of gyration – X (mm) :	54.9
Radii of gyration – Y (mm) :	59.7
Principal moments along X-Y (mm⁴) :	8794292.4 along [0.9 -0.5]
Principal moments along Y-X (mm⁴) :	12555964.7 along [0.5 0.9]
Elastic Modulus – Zx (mm³):	1 / y-max= 110680
Elastic Modulus – Zy (mm³):	1 / y-max= 110558.2

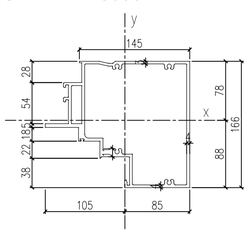
T8 X86067



EXTRUSION MARK: EXTRUDED ALUM, TRANSOM (AL72)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3268
Perimeter (mm) :	1674
Bounding Box – X (mm):	-101 to 89
Bounding Box – Y (mm):	-85 to 81
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	11047860
Moments of inertia – Y (mm⁴) :	12193019
Product of inertia – XY (mm⁴) :	6021124
Radii of gyration – X (mm) :	58
Radii of gyration – Y (mm) :	61
Principal moments along X-Y (mm⁴) :	10790156 along [1 0]
Principal moments along Y-X (mm⁴) :	12454722 along [0 1]
Elastic Modulus – Zx (mm³):	1 / y-max= 130680
Elastic Modulus – Zy (mm³):	2 / y-max= 121139

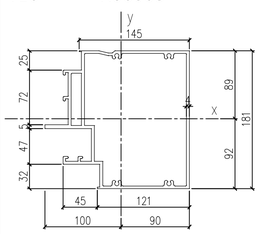
T9 X86064



EXTRUSION MARK: EXTRUDED ALUM, TRANSOM (AL69)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3249.6
Perimeter (mm) :	1579.6
Bounding Box – X (mm):	-104.6 to 85.2
Bounding Box – Y (mm):	-88.4 to 77.6
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	9781532.4
Moments of inertia – Y (mm⁴) :	11568724.8
Product of inertia – XY (mm⁴) :	1655001.7
Radii of gyration – X (mm) :	54.9
Radii of gyration – Y (mm) :	59.7
Principal moments along X-Y (mm⁴) :	8794292.4 along [0.9 -0.5]
Principal moments along Y-X (mm⁴) :	12555964.7 along [0.5 0.9]
Elastic Modulus – Zx (mm³):	1 / y-max= 110680.6
Elastic Modulus – Zy (mm³):	2 / y-max= 110558.2

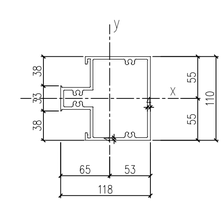
T10 X86065



EXTRUSION MARK: EXTRUDED ALUM, TRANSOM (AL70)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3460
Perimeter (mm) :	1769
Bounding Box – X (mm):	-100 to 90
Bounding Box – Y (mm):	-92 to 89
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	13820038
Moments of inertia – Y (mm⁴) :	13145371
Product of inertia – XY (mm⁴) :	613597
Radii of gyration – X (mm) :	63
Radii of gyration – Y (mm) :	62
Principal moments along X-Y (mm⁴) :	14169624 along [1 1]
Principal moments along Y-X (mm⁴) :	12777785 along [-1 1]
Elastic Modulus – Zx (mm³):	1 / y-max= 150114
Elastic Modulus – Zy (mm³):	2 / y-max= 131553

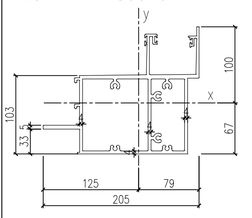
T12 X86069



EXTRUSION MARK: EXTRUDED ALUM, INTERMEDIATE TRANSOM (AL107)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1918
Perimeter (mm) :	1029
Bounding Box – X (mm):	-65 to 53
Bounding Box – Y (mm):	-55 to 55
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	2773143
Moments of inertia – Y (mm⁴) :	2953697
Product of inertia – XY (mm⁴) :	56
Radii of gyration – X (mm) :	38
Radii of gyration – Y (mm) :	39
Principal moments along X-Y (mm⁴) :	2773143 along [1 0]
Principal moments along Y-X (mm⁴) :	2953697 along [0 1]
Elastic Modulus – Zx (mm³):	1 / y-max= 50419
Elastic Modulus – Zy (mm³):	2 / y-max= 45777

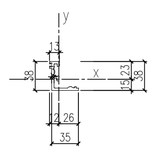
T13 X86070



EXTRUSION MARK: EXTRUDED ALUM, GUTTER STACK JOINT (AL105)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3878
Perimeter (mm) :	1898
Bounding Box – X (mm):	-125 to 79
Bounding Box – Y (mm):	-67 to 100
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0.0000
Moments of inertia – X (mm⁴) :	8425612
Moments of inertia – Y (mm⁴) :	11480089
Product of inertia – XY (mm⁴) :	-2780517
Radii of gyration – X (mm) :	47
Radii of gyration – Y (mm) :	54
Principal moments along X-Y (mm⁴) :	6773301 along [1 1]
Principal moments along Y-X (mm⁴) :	13138391 along [-1 1]
Elastic Modulus – Zx (mm³):	1 / y-max= 84270
Elastic Modulus – Zy (mm³):	2 / y-max= 91589

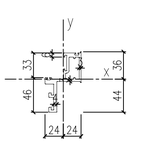
X86071



EXTRUSION MARK: EXTRUDED ALUM, CAPPING (AL17)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	301
Perimeter (mm) :	203
Bounding Box – X (mm):	-12 to 26
Bounding Box – Y (mm):	-15 to 23
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	53340
Moments of inertia – Y (mm⁴) :	31288
Product of inertia – XY (mm⁴) :	23569
Radii of gyration – X (mm) :	13
Radii of gyration – Y (mm) :	10
Principal moments along X-Y (mm⁴) :	68334 along [1 1]
Principal moments along Y-X (mm⁴) :	16294 along [-1 1]
Elastic Modulus – Zx (mm³):	1 / y-max= 2294
Elastic Modulus – Zy (mm³):	2 / y-max= 1219

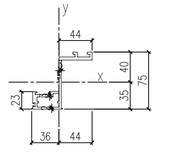
X86072



EXTRUSION MARK: EXTRUDED ALUM, OPEANABLE WINDOW SASH (AL26)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	695.5
Perimeter (mm) :	427.5
Bounding Box – X (mm):	-24.0 to 23.5
Bounding Box – Y (mm):	-43.5 to 36.0
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0.0000
Moments of inertia – X (mm⁴) :	333616.8
Moments of inertia – Y (mm⁴) :	137589.1
Product of inertia – XY (mm⁴) :	-146308.9
Radii of gyration – X (mm) :	21.9
Radii of gyration – Y (mm) :	14.1
Principal moments along X-Y (mm⁴) :	411708.1 along [0.9 -0.5]
Principal moments along Y-X (mm⁴) :	59497.8 along [0.5 0.9]
Elastic Modulus – Zx (mm³):	1 / y-max= 19615
Elastic Modulus – Zy (mm³):	1 / y-max= 5735.9

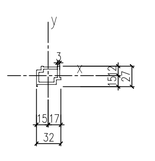
X86073



EXTRUSION MARK: EXTRUDED ALUM, OPEANABLE WINDOW SASH (AL31)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	718.2
Perimeter (mm) :	472.8
Bounding Box – X (mm):	-35.8 to 43.7
Bounding Box – Y (mm):	-35.4 to 39.6
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0.0000
Moments of inertia – X (mm⁴) :	502136.6
Moments of inertia – Y (mm⁴) :	331779.9
Product of inertia – XY (mm⁴) :	-328490.7
Radii of gyration – X (mm) :	26.4
Radii of gyration – Y (mm) :	21.5
Principal moments along X-Y (mm⁴) :	756312.7 along [0.8 -0.6]
Principal moments along Y-X (mm⁴) :	77603.8 along [0.6 0.8]
Elastic Modulus – Zx (mm³):	1 / y-max= 12680.7
Elastic Modulus – Zy (mm³):	2 / y-max= 7592.4

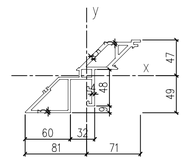
X86074



EXTRUSION MARK: EXTRUDED ALUM, ADAPTOR (AL34)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	298.4093
Perimeter (mm) :	199.5245
Bounding Box – X (mm):	-14.5754 to 16.6247
Bounding Box – Y (mm):	-14.5736 to 12.4264
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0.0000
Moments of inertia – X (mm⁴) :	20019.1022
Moments of inertia – Y (mm⁴) :	33671.0061
Product of inertia – XY (mm⁴) :	-3347.7306
Radii of gyration – X (mm) :	8.1906
Radii of gyration – Y (mm) :	10.6635
Principal moments along X-Y (mm⁴) :	19187.8921 along [0.9705 0.2410]
Principal moments along Y-X (mm⁴) :	33502.2162 along [-0.2410 0.9705]
Elastic Modulus – Zx (mm³):	1 / y-max= 1373.6510
Elastic Modulus – Zy (mm³):	2 / y-max= 1965.2118

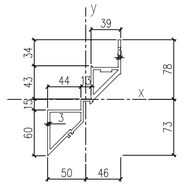
X86075



EXTRUSION MARK: EXTRUDED ALUMINIUM OUTER CORNER EDGE PROTECTION (AL38)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1717.2
Perimeter (mm) :	942.6
Bounding Box – X (mm):	-80.3 to 70.6
Bounding Box – Y (mm):	-48.9 to 46.9
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0.0000
Moments of inertia – X (mm⁴) :	1505582.2
Moments of inertia – Y (mm⁴) :	2361975.4
Product of inertia – XY (mm⁴) :	-1370201.3
Radii of gyration – X (mm) :	29.6
Radii of gyration – Y (mm) :	37.1
Principal moments along X-Y (mm⁴) :	3062394.4 along [0.8 0.6]
Principal moments along Y-X (mm⁴) :	3561318.1 along [-0.6 0.8]
Elastic Modulus – Zx (mm³):	1 / y-max= 30807.4
Elastic Modulus – Zy (mm³):	2 / y-max= 29196.5

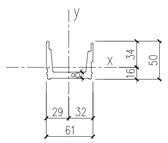
X86076



EXTRUSION MARK: EXTRUDED ALUMINIUM OUTER CORNER EDGE PROTECTION (AL39)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1293.0
Perimeter (mm) :	742.8
Bounding Box – X (mm):	-50.1 to 45.9
Bounding Box – Y (mm):	-73.5 to 78.3
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0.0000
Moments of inertia – X (mm⁴) :	1847248.2
Moments of inertia – Y (mm⁴) :	1284479.4

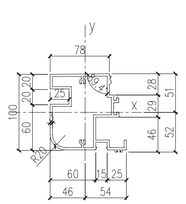
X86079



EXTRUSION MARK: EXTRUDED ALUM, GUTTER SLEEVE (AL58)
GRADE: 6061-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	937
Perimeter (mm) :	291
Bounding Box – X (mm):	−29 to 32
Bounding Box – Y (mm):	−16 to 34
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	154677
Moments of inertia – Y (mm⁴) :	473332
Product of inertia – XY (mm⁴) :	14706
Radii of gyration – X (mm) :	13
Radii of gyration – Y (mm) :	22
Principal moments along X–Y (mm⁴) :	154000 along [1 0]
Principal moments along Y–X (mm⁴) :	473009 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 4497
Elastic Modulus – Zy (mm³):	J / x-max= 14818

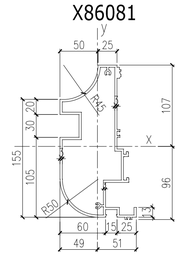
X86080



EXTRUSION MARK: ALUM, VERTICAL FEATURE (AL76A)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1541
Perimeter (mm) :	1045
Bounding Box – X (mm):	−46 to 54
Bounding Box – Y (mm):	−52 to 51
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	1965674
Moments of inertia – Y (mm⁴) :	1460993
Product of inertia – XY (mm⁴) :	285408
Radii of gyration – X (mm) :	36
Radii of gyration – Y (mm) :	31
Principal moments along X–Y (mm⁴) :	2094297 along [1 0]
Principal moments along Y–X (mm⁴) :	1332370 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 37698
Elastic Modulus – Zy (mm³):	J / x-max= 26973

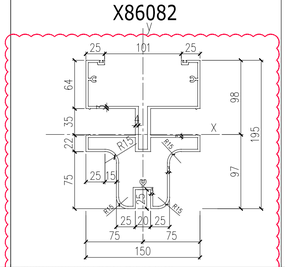
X86081



EXTRUSION MARK: ALUM, VERTICAL FEATURE (AL77)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2106.8
Perimeter (mm) :	1403.5
Bounding Box – X (mm):	−49.3 to 51.0
Bounding Box – Y (mm):	−96.1 to 106.9
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	8900549.2
Moments of inertia – Y (mm⁴) :	1919408.4
Product of inertia – XY (mm⁴) :	197850.8
Radii of gyration – X (mm) :	65.0
Radii of gyration – Y (mm) :	30.2
Principal moments along X–Y (mm⁴) :	8906151.2 along [1.0 0.0]
Principal moments along Y–X (mm⁴) :	1912806.4 along [0.0 1.0]
Elastic Modulus – Zx (mm³):	I / y-max= 83249.0
Elastic Modulus – Zy (mm³):	J / x-max= 37595.8

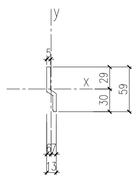
X86082



EXTRUSION MARK: ALUM, VERTICAL FEATURE (AL78)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3003
Perimeter (mm) :	1967
Bounding Box – X (mm):	−75 to 75
Bounding Box – Y (mm):	−97 to 98
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	8585698
Moments of inertia – Y (mm⁴) :	6420190
Product of inertia – XY (mm⁴) :	−304
Radii of gyration – X (mm) :	53
Radii of gyration – Y (mm) :	46
Principal moments along X–Y (mm⁴) :	8585698 along [1 0]
Principal moments along Y–X (mm⁴) :	6420190 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 87990
Elastic Modulus – Zy (mm³):	J / x-max= 85601

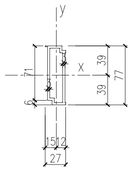
X86083



EXTRUSION MARK: EXTRUDED ALUM, BRACKET (AL79)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	299
Perimeter (mm) :	135
Bounding Box – X (mm):	−6 to 7
Bounding Box – Y (mm):	−29 to 29
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0.0000
Moments of inertia – X (mm⁴) :	79707
Moments of inertia – Y (mm⁴) :	4564
Product of inertia – XY (mm⁴) :	15354
Radii of gyration – X (mm) :	16
Radii of gyration – Y (mm) :	4
Principal moments along X–Y (mm⁴) :	82723 along [1 0]
Principal moments along Y–X (mm⁴) :	1548 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 2665
Elastic Modulus – Zy (mm³):	J / x-max= 666

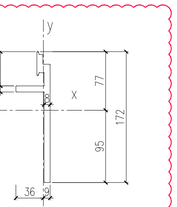
X86084



EXTRUSION MARK: EXTRUDED ALUM, ADAPTOR (AL80)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	576
Perimeter (mm) :	384
Bounding Box – X (mm):	−15 to 12
Bounding Box – Y (mm):	−39 to 39
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	373277
Moments of inertia – Y (mm⁴) :	47971
Product of inertia – XY (mm⁴) :	9231
Radii of gyration – X (mm) :	25
Radii of gyration – Y (mm) :	9
Principal moments along X–Y (mm⁴) :	373539 along [1 0]
Principal moments along Y–X (mm⁴) :	47710 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 9576
Elastic Modulus – Zy (mm³):	J / x-max= 3282

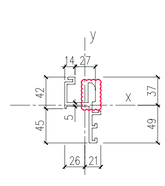
X86085



EXTRUSION MARK: EXTRUDED ALUM, BRACKET (AL81)
GRADE: 6061-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1757.7
Perimeter (mm) :	454.8
Bounding Box – X (mm):	−36.1 to 8.9
Bounding Box – Y (mm):	−95.1 to 76.9
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	2831245.4
Moments of inertia – Y (mm⁴) :	1673434.1
Product of inertia – XY (mm⁴) :	3093190.6
Radii of gyration – X (mm) :	47.3
Radii of gyration – Y (mm) :	9.8
Principal moments along X–Y (mm⁴) :	3956507.5 along [1.0 0.1]
Principal moments along Y–X (mm⁴) :	1420722 along [−0.1 1.0]
Elastic Modulus – Zx (mm³):	I / y-max= 41352.7
Elastic Modulus – Zy (mm³):	J / x-max= 4639.9

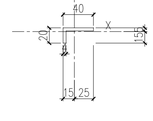
X86086



EXTRUSION MARK: EXTRUDED ALUM, OPENABLE FRAME (AL82)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	855.3
Perimeter (mm) :	398.9
Bounding Box – X (mm):	−26.4 to 21.1
Bounding Box – Y (mm):	−49.5 to 37.0
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0.0000
Moments of inertia – X (mm⁴) :	424878.9
Moments of inertia – Y (mm⁴) :	1607527.1
Product of inertia – XY (mm⁴) :	111666.6
Radii of gyration – X (mm) :	22.5
Radii of gyration – Y (mm) :	13.7
Principal moments along X–Y (mm⁴) :	468370.9 along [0.9 0.4]
Principal moments along Y–X (mm⁴) :	1172165.0 along [−0.4 0.9]
Elastic Modulus – Zx (mm³):	I / y-max= 8589.2
Elastic Modulus – Zy (mm³):	J / x-max= 6093.7

X86087



EXTRUSION MARK: EXTRUDED ALUM, WASHER (AL83)
GRADE: 6063-T6

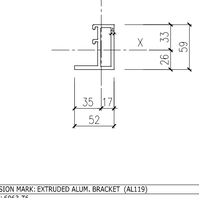
MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	419
Perimeter (mm) :	157
Bounding Box – X (mm):	−30 to 30
Bounding Box – Y (mm):	−4 to 4
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0.0000
Moments of inertia – X (mm⁴) :	1776
Moments of inertia – Y (mm⁴) :	125579
Product of inertia – XY (mm⁴) :	0
Radii of gyration – X (mm) :	2
Radii of gyration – Y (mm) :	17
Principal moments along X–Y (mm⁴) :	1776 along [1 0]
Principal moments along Y–X (mm⁴) :	125579 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 397
Elastic Modulus – Zy (mm³):	J / x-max= 4186

X86088

EXTRUSION MARK: EXTRUDED ALUM, ADAPTOR (AL87)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1281.9
Perimeter (mm) :	681.9
Bounding Box – X (mm):	−39.0 to 40.3
Bounding Box – Y (mm):	−48.9 to 46.9
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	897703.1
Moments of inertia – Y (mm⁴) :	554003.0
Product of inertia – XY (mm⁴) :	−469179.7
Radii of gyration – X (mm) :	26.5
Radii of gyration – Y (mm) :	20.8
Principal moments along X–Y (mm⁴) :	1225514.9 along [0.8 −0.6]
Principal moments along Y–X (mm⁴) :	226191.2 along [0.6 0.8]
Elastic Modulus – Zx (mm³):	I / y-max= 18340.0
Elastic Modulus – Zy (mm³):	J / x-max= 13738.3

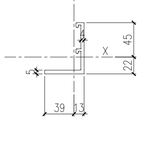
X86089



EXTRUSION MARK: EXTRUDED ALUM, ADAPTOR (AL88)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	704.9
Perimeter (mm) :	427.9
Bounding Box – X (mm):	−48.6 to 27.2
Bounding Box – Y (mm):	−49.4 to 46.3
Centroid – X (mm) :	0.0000
Centroid – Y (mm) :	0.0000
Moments of inertia – X (mm⁴) :	660156.6
Moments of inertia – Y (mm⁴) :	222869.2
Product of inertia – XY (mm⁴) :	347588.3
Radii of gyration – X (mm) :	30.6
Radii of gyration – Y (mm) :	17.8
Principal moments along X–Y (mm⁴) :	851975.3 along [0.9 0.5]
Principal moments along Y–X (mm⁴) :	30269.5 along [−0.5 0.9]
Elastic Modulus – Zx (mm³):	I / y-max= 11360.5
Elastic Modulus – Zy (mm³):	J / x-max= 4571.7

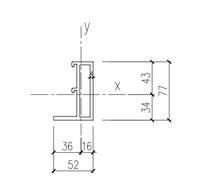
X86090



EXTRUSION MARK: EXTRUDED ALUM, U-CHANNEL (FOR GLASS BARRIER) (AL89)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	265.4
Perimeter (mm) :	183.1
Bounding Box – X (mm):	−25.7 to 17.1
Bounding Box – Y (mm):	−15.4 to 14.6
Centroid – X (mm) :	0.000
Centroid – Y (mm) :	0.000
Moments of inertia – X (mm⁴) :	38213.9
Moments of inertia – Y (mm⁴) :	33031.5
Product of inertia – XY (mm⁴) :	15483.3
Radii of gyration – X (mm) :	12.0
Radii of gyration – Y (mm) :	11.2
Principal moments along X–Y (mm⁴) :	51321.4 along [0.8 0.6]
Principal moments along Y–X (mm⁴) :	19924.1 along [−0.6 0.8]
Elastic Modulus – Zx (mm³):	I / y-max= 2480.4
Elastic Modulus – Zy (mm³):	J / x-max= 1283.7

X86095



EXTRUSION MARK: EXTRUDED ALUM, CORNER HOOK-ON BRACKET (AL94)
GRADE: 6061-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2286
Perimeter (mm) :	390
Bounding Box – X (mm):	−54 to 45
Bounding Box – Y (mm):	−54 to 32
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0.00
Moments of inertia – X (mm⁴) :	1155761
Moments of inertia – Y (mm⁴) :	1053390
Product of inertia – XY (mm⁴) :	−52415
Radii of gyration – X (mm) :	22
Radii of gyration – Y (mm) :	21
Principal moments along X–Y (mm⁴) :	1177786 along [1 0]
Principal moments along Y–X (mm⁴) :	1031325 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 21331
Elastic Modulus – Zy (mm³):	J / x-max= 19469

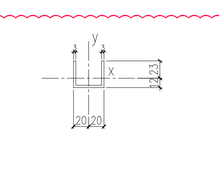
X86096



EXTRUSION MARK: EXTRUDED ALUM, ANGLE BRACKET (AL95)
GRADE: 6061-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2716
Perimeter (mm) :	346
Bounding Box – X (mm):	−46 to 64
Bounding Box – Y (mm):	−16 to 47
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	567569
Moments of inertia – Y (mm⁴) :	2228564
Product of inertia – XY (mm⁴) :	645133
Radii of gyration – X (mm) :	14
Radii of gyration – Y (mm) :	34
Principal moments along X–Y (mm⁴) :	419386 along [1 0]
Principal moments along Y–X (mm⁴) :	3376247 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 12072
Elastic Modulus – Zy (mm³):	J / x-max= 50196

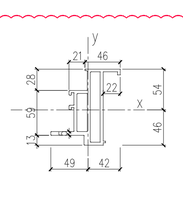
X86097



EXTRUSION MARK: EXTRUDED ALUM, CORNER HOOK-ON BRACKET (AL96)
GRADE: 6061-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2926
Perimeter (mm) :	481
Bounding Box – X (mm):	−66 to 66
Bounding Box – Y (mm):	−55 to 32
Centroid – X (mm) :	0.00
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	1354409
Moments of inertia – Y (mm⁴) :	3530747
Product of inertia – XY (mm⁴) :	−1342684
Radii of gyration – X (mm) :	22
Radii of gyration – Y (mm) :	35
Principal moments along X–Y (mm⁴) :	714310 along [1 0]
Principal moments along Y–X (mm⁴) :	4170847 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 24536
Elastic Modulus – Zy (mm³):	J / x-max= 53372

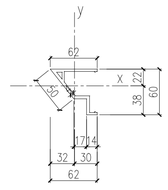
X86100



EXTRUSION MARK: EXTRUDED ALUM, BRACKET (AL99)
GRADE: 6061-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1808
Perimeter (mm) :	468
Bounding Box – X (mm):	−23 to 42
Bounding Box – Y (mm):	−88 to 81
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	3670273
Moments of inertia – Y (mm⁴) :	4378625
Product of inertia – XY (mm⁴) :	949481
Radii of gyration – X (mm) :	45
Radii of gyration – Y (mm) :	16
Principal moments along X–Y (mm⁴) :	179377 along [0 1]
Principal moments along Y–X (mm⁴) :	3928521 along [−1 0]
Elastic Modulus – Zx (mm³):	I / y-max= 41885
Elastic Modulus – Zy (mm³):	J / x-max= 10526

X86102

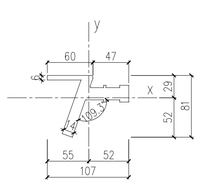


EXTRUSION MARK: EXTRUDED ALUM, ADAPTOR (AL101)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	595
Perimeter (mm) :	330
Bounding Box – X (mm):	−32 to 30
Bounding Box – Y (mm):	−38 to 22
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	229902
Moments of inertia – Y (mm⁴) :	166770
Product of inertia – XY (mm⁴) :	110190
Radii of gyration – X (mm) :	20
Radii of gyration – Y (mm) :	17
Principal moments along X–Y (mm⁴) :	312958 along [1 1]
Principal moments along Y–X (mm⁴) :	83713 along [−1 1]
Elastic Modulus – Zx (mm³):	I / y-max= 6032
Elastic Modulus – Zy (mm³):	J / x-max= 5235

EXTRUSION MARK:
GRADE:

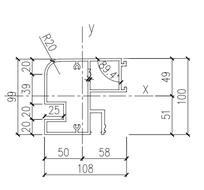
X86104



EXTRUSION MARK: EXTRUDED ALUM, HOOK (AL103)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2396
Perimeter (mm) :	414
Bounding Box – X (mm):	−55 to 52
Bounding Box – Y (mm):	−52 to 29
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	967655
Moments of inertia – Y (mm⁴) :	1536761
Product of inertia – XY (mm⁴) :	−289689
Radii of gyration – X (mm) :	20
Radii of gyration – Y (mm) :	26
Principal moments along X–Y (mm⁴) :	854583 along [1 0]
Principal moments along Y–X (mm⁴) :	1539833 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 18621
Elastic Modulus – Zy (mm³):	J / x-max= 29272

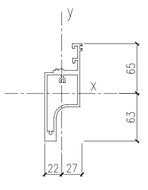
X86105



EXTRUSION MARK: ALUM, VERTICAL FEATURE (AL104)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1740
Perimeter (mm) :	1141
Bounding Box – X (mm):	−50 to 58
Bounding Box – Y (mm):	−51 to 49
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	2035565
Moments of inertia – Y (mm⁴) :	1780017
Product of inertia – XY (mm⁴) :	−447123
Radii of gyration – X (mm) :	34
Radii of gyration – Y (mm) :	32
Principal moments along X–Y (mm⁴) :	2374997 along [1 −1]
Principal moments along Y–X (mm⁴) :	1440586 along [1 1]
Elastic Modulus – Zx (mm³):	I / y-max= 40126
Elastic Modulus – Zy (mm³):	J / x-max= 30779

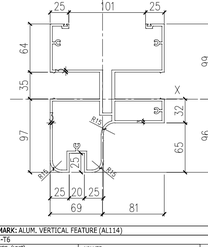
X86107



EXTRUSION MARK: EXTRUDED ALUM, HOOK (AL113)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1174
Perimeter (mm) :	665
Bounding Box – X (mm):	−22 to 27
Bounding Box – Y (mm):	−63 to 65
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	1563569
Moments of inertia – Y (mm⁴) :	334489
Product of inertia – XY (mm⁴) :	442808
Radii of gyration – X (mm) :	36
Radii of gyration – Y (mm) :	17
Principal moments along X–Y (mm⁴) :	1913574 along [0 1]
Principal moments along Y–X (mm⁴) :	1784644 along [+1 0]
Elastic Modulus – Zx (mm³):	I / y-max= 23921
Elastic Modulus – Zy (mm³):	J / x-max= 12469

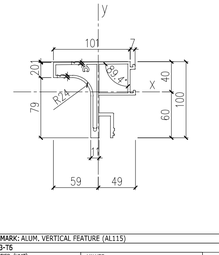
X86108



EXTRUSION MARK: ALUM, VERTICAL FEATURE (AL114)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	3093
Perimeter (mm) :	2023
Bounding Box – X (mm):	−69 to 81
Bounding Box – Y (mm):	−96 to 99
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	8732609
Moments of inertia – Y (mm⁴) :	7650055
Product of inertia – XY (mm⁴) :	−1828799
Radii of gyration – X (mm) :	53
Radii of gyration – Y (mm) :	50
Principal moments along X–Y (mm⁴) :	10098551 along [1 −1]
Principal moments along Y–X (mm⁴) :	6284113 along [1 1]
Elastic Modulus – Zx (mm³):	I / y-max= 88533
Elastic Modulus – Zy (mm³):	J / x-max= 94379

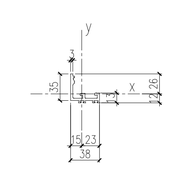
X86109



EXTRUSION MARK: ALUM, VERTICAL FEATURE (AL115)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1571
Perimeter (mm) :	985
Bounding Box – X (mm):	−59 to 49
Bounding Box – Y (mm):	−60 to 40
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	1591544
Moments of inertia – Y (mm⁴) :	1086464
Product of inertia – XY (mm⁴) :	229784
Radii of gyration – X (mm) :	32
Radii of gyration – Y (mm) :	26
Principal moments along X–Y (mm⁴) :	1680438 along [1 0]
Principal moments along Y–X (mm⁴) :	997570 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 26396
Elastic Modulus – Zy (mm³):	J / x-max= 18447

X86110



EXTRUSION MARK: EXTRUDED ALUM, CAPPING (AL116)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	315
Perimeter (mm) :	219
Bounding Box – X (mm):	−15 to 23
Bounding Box – Y (mm):	−12 to 26
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	32965
Moments of inertia – Y (mm⁴) :	53511
Product of inertia – XY (mm⁴) :	23606
Radii of gyration – X (mm) :	10
Radii of gyration – Y (mm) :	13
Principal moments along X–Y (mm⁴) :	17493 along [1 −1]
Principal moments along Y–X (mm⁴) :	68983 along [1 1]
Elastic Modulus – Zx (mm³):	I / y-max= 1259
Elastic Modulus – Zy (mm³):	J / x-max= 2303

X86111

EXTRUSION MARK: ALUM, ANGLE (AL117)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	224
Perimeter (mm) :	120
Bounding Box – X (mm):	−15 to 25
Bounding Box – Y (mm):	−15 to 5
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	6150
Moments of inertia – Y (mm⁴) :	36230
Product of inertia – XY (mm⁴) :	−8229
Radii of gyration – X (mm) :	5
Radii of gyration – Y (mm) :	13
Principal moments along X–Y (mm⁴) :	4046 along [1 0]
Principal moments along Y–X (mm⁴) :	38334 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 406
Elastic Modulus – Zy (mm³):	J / x-max= 1441

EXTRUSION MARK:
GRADE:

X86113

EXTRUSION MARK: EXTRUDED ALUM, BRACKET (AL119)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	790.9
Perimeter (mm) :	385.5
Bounding Box – X (mm):	−25.1 to 16.8
Bounding Box – Y (mm):	−25.5 to 33.5
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	241545.2
Moments of inertia – Y (mm⁴) :	135815.5
Product of inertia – XY (mm⁴) :	72921.3
Radii of gyration – X (mm) :	20.8
Radii of gyration – Y (mm) :	13.1
Principal moments along X–Y (mm⁴) :	312591.3 along [0.3 1.0]
Principal moments along Y–X (mm⁴) :	364770.4 along [−1.0 0.3]
Elastic Modulus – Zx (mm³):	I / y-max= 10210.2
Elastic Modulus – Zy (mm³):	J / x-max= 3870.4

X86114

EXTRUSION MARK: EXTRUDED ALUM, BRACKET (AL120)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	579.0
Perimeter (mm) :	273.4
Bounding Box – X (mm):	−38.5 to 13.4
Bounding Box – Y (mm):	−22.3 to 45.1
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	292766.9
Moments of inertia – Y (mm⁴) :	134697.4
Product of inertia – XY (mm⁴) :	−113502.7
Radii of gyration – X (mm) :	22.5
Radii of gyration – Y (mm) :	15.3
Principal moments along X–Y (mm⁴) :	352041.0 along [0.9 −0.5]
Principal moments along Y–X (mm⁴) :	75423.3 along [0.5 0.9]
Elastic Modulus – Zx (mm³):	I / y-max= 6491.1
Elastic Modulus – Zy (mm³):	J / x-max= 3497.3

X86115

EXTRUSION MARK: EXTRUDED ALUM, BRACKET (AL121)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	932.6
Perimeter (mm) :	456.3
Bounding Box – X (mm):	−36.0 to 15.9
Bounding Box – Y (mm):	−33.6 to 43.1
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	658324.4
Moments of inertia – Y (mm⁴) :	151231.4
Product of inertia – XY (mm⁴) :	102867.8
Radii of gyration – X (mm) :	26.6
Radii of gyration – Y (mm) :	12.7
Principal moments along X–Y (mm⁴) :	731158.4 along [0.2 1.0]
Principal moments along Y–X (mm⁴) :	678397.4 along [−1.0 0.2]
Elastic Modulus – Zx (mm³):	I / y-max= 15288.2
Elastic Modulus – Zy (mm³):	J / x-max= 4199.9

X86170

EXTRUSION MARK: EXTRUDED ALUM, ADAPTOR (AL126)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2782
Perimeter (mm) :	1798
Bounding Box – X (mm):	−79 to 71
Bounding Box – Y (mm):	−61 to 84
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	4516166
Moments of inertia – Y (mm⁴) :	6870307
Product of inertia – XY (mm⁴) :	687540
Radii of gyration – X (mm) :	40
Radii of gyration – Y (mm) :	50
Principal moments along X–Y (mm⁴) :	4330076 along [1 0]
Principal moments along Y–X (mm⁴) :	7056397 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 53789
Elastic Modulus – Zy (mm³):	J / x-max= 86829

X86172

EXTRUSION MARK: EXTRUDED ALUM, BRACKET (AL127)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1623.9
Perimeter (mm) :	772.1
Bounding Box – X (mm):	−49.0 to 42.2
Bounding Box – Y (mm):	−46.3 to 53.7
Centroid – X (mm) :	0.0
Centroid – Y (mm) :	0.0
Moments of inertia – X (mm⁴) :	1588706.0
Moments of inertia – Y (mm⁴) :	533330.3
Product of inertia – XY (mm⁴) :	−344146.5
Radii of gyration – X (mm) :	31.3
Radii of gyration – Y (mm) :	18.1
Principal moments along X–Y (mm⁴) :	1691011.2 along [1.0 −0.3]
Principal moments along Y–X (mm⁴) :	431025.0 along [0.3 1.0]
Elastic Modulus – Zx (mm³):	I / y-max= 29612.3
Elastic Modulus – Zy (mm³):	J / x-max= 10874.6

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd BD AMENDMENT	
A	01.Nov.2021	1st BD AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
E-mail: cmwal@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

MAIN CONTRACTOR :
裕民建築有限公司

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

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

TITLE :
SECTION PROPERTIES (2 OF 3)

JOB NO. : 12156

DRAWN BY : AN

DATE : 18.Oct.2021

CHKD BY :

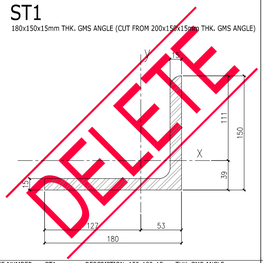
SCALE A1: 1:4
A3:

DWG. NO. : BD-GN-003

REV. : A

ST1

180x150x15mm THK. GMS ANGLE (CUT FROM 200x150x15mm THK. GMS ANGLE)



DELETE

DIE NUMBER: ST1 DESCRIPTION: 150x180x15mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	4677
Perimeter (mm) :	641
Bounding Box – X (mm):	−127 to 53
Bounding Box – Y (mm):	−39 to 111
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	9060789
Moments of inertia – Y (mm⁴) :	14432350
Product of inertia – XY (mm⁴) :	6740997
Radii of gyration – X (mm) :	44
Radii of gyration – Y (mm) :	56
Principal moments along X–Y (mm⁴) :	4496524 along [1 1]
Principal moments along Y–X (mm⁴) :	19016616 along [−1 1]
Elastic Modulus – Zx (mm³):	I / y-max= 81341
Elastic Modulus – Zy (mm³):	J / x-max= 114205

ST2

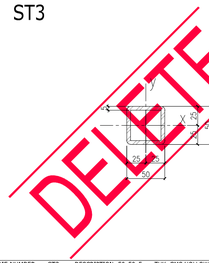


DELETE

DIE NUMBER: ST2 DESCRIPTION: 60x60x8mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	882
Perimeter (mm) :	230
Bounding Box – X (mm):	−43 to 17
Bounding Box – Y (mm):	−17 to 43
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	273287
Moments of inertia – Y (mm⁴) :	273287
Product of inertia – XY (mm⁴) :	160224
Radii of gyration – X (mm) :	18
Radii of gyration – Y (mm) :	18
Principal moments along X–Y (mm⁴) :	113063 along [1 1]
Principal moments along Y–X (mm⁴) :	433511 along [−1 1]
Elastic Modulus – Zx (mm³):	I / y-max= 6409
Elastic Modulus – Zy (mm³):	J / x-max= 6409

ST3

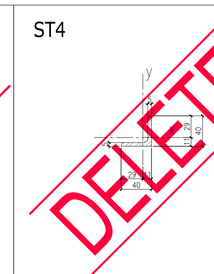


DELETE

DIE NUMBER: ST3 DESCRIPTION: 50x50x5mm THK. GMS HOLLOW
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	879
Perimeter (mm) :	351
Bounding Box – X (mm):	−25 to 25
Bounding Box – Y (mm):	−25 to 25
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	295240
Moments of inertia – Y (mm⁴) :	295240
Product of inertia – XY (mm⁴) :	0
Radii of gyration – X (mm) :	18
Radii of gyration – Y (mm) :	18
Principal moments along X–Y (mm⁴) :	295240 along [0 1]
Principal moments along Y–X (mm⁴) :	590480 along [−1 0]
Elastic Modulus – Zx (mm³):	I / y-max= 11810
Elastic Modulus – Zy (mm³):	J / x-max= 11810

ST4

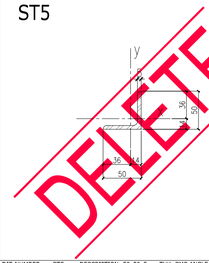


DELETE

DIE NUMBER: ST4 DESCRIPTION: 40x40x5mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	370
Perimeter (mm) :	154
Bounding Box – X (mm):	−29 to 11
Bounding Box – Y (mm):	−11 to 29
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	51473
Moments of inertia – Y (mm⁴) :	51473
Product of inertia – XY (mm⁴) :	30229
Radii of gyration – X (mm) :	12
Radii of gyration – Y (mm) :	12
Principal moments along X–Y (mm⁴) :	21244 along [1 1]
Principal moments along Y–X (mm⁴) :	81702 along [−1 1]
Elastic Modulus – Zx (mm³):	I / y-max= 1804
Elastic Modulus – Zy (mm³):	J / x-max= 1804

ST5

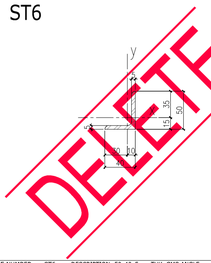


DELETE

DIE NUMBER: ST5 DESCRIPTION: 50x50x5mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	394
Perimeter (mm) :	194
Bounding Box – X (mm):	−36 to 14
Bounding Box – Y (mm):	−14 to 36
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	105809
Moments of inertia – Y (mm⁴) :	105809
Product of inertia – XY (mm⁴) :	62434
Radii of gyration – X (mm) :	15
Radii of gyration – Y (mm) :	15
Principal moments along X–Y (mm⁴) :	43378 along [1 1]
Principal moments along Y–X (mm⁴) :	168240 along [−1 1]
Elastic Modulus – Zx (mm³):	I / y-max= 2937
Elastic Modulus – Zy (mm³):	J / x-max= 2937

ST6

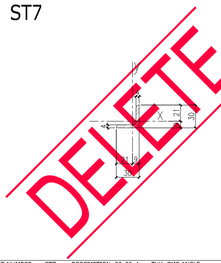


DELETE

DIE NUMBER: ST6 DESCRIPTION: 50x40x5mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	420
Perimeter (mm) :	174
Bounding Box – X (mm):	−30 to 10
Bounding Box – Y (mm):	−15 to 35
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	98339
Moments of inertia – Y (mm⁴) :	55123
Product of inertia – XY (mm⁴) :	43129
Radii of gyration – X (mm) :	15
Radii of gyration – Y (mm) :	11
Principal moments along X–Y (mm⁴) :	28492 along [1 1]
Principal moments along Y–X (mm⁴) :	124970 along [−1 1]
Elastic Modulus – Zx (mm³):	I / y-max= 2837
Elastic Modulus – Zy (mm³):	J / x-max= 1863

ST7



DELETE

DIE NUMBER: ST7 DESCRIPTION: 30x30x4mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	221
Perimeter (mm) :	115
Bounding Box – X (mm):	−21 to 9
Bounding Box – Y (mm):	−9 to 21
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	17080
Moments of inertia – Y (mm⁴) :	17080
Product of inertia – XY (mm⁴) :	10014
Radii of gyration – X (mm) :	9
Radii of gyration – Y (mm) :	9
Principal moments along X–Y (mm⁴) :	7066 along [1 1]
Principal moments along Y–X (mm⁴) :	27094 along [−1 1]
Elastic Modulus – Zx (mm³):	I / y-max= 801
Elastic Modulus – Zy (mm³):	J / x-max= 801

ST8

60x30x6mm THK. GMS ANGLE (CUT FROM 60x60x6mm THK. GMS ANGLE)



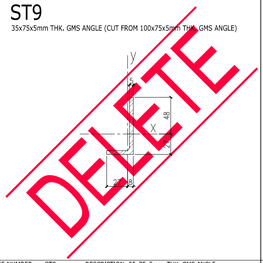
DELETE

DIE NUMBER: ST8 DESCRIPTION: 60x30x6mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	496
Perimeter (mm) :	172
Bounding Box – X (mm):	−23 to 7
Bounding Box – Y (mm):	−22 to 38
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	172372
Moments of inertia – Y (mm⁴) :	27920
Product of inertia – XY (mm⁴) :	38085
Radii of gyration – X (mm) :	19
Radii of gyration – Y (mm) :	7
Principal moments along X–Y (mm⁴) :	18098 along [0 1]
Principal moments along Y–X (mm⁴) :	181774 along [−1 0]
Elastic Modulus – Zx (mm³):	I / y-max= 4508
Elastic Modulus – Zy (mm³):	J / x-max= 1195

ST9

35x75x5mm THK. GMS ANGLE (CUT FROM 100x75x5mm THK. GMS ANGLE)

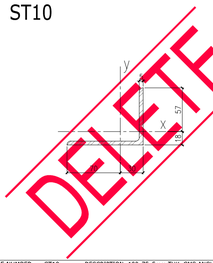


DELETE

DIE NUMBER: ST9 DESCRIPTION: 35x75x5mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	525
Perimeter (mm) :	216
Bounding Box – X (mm):	−27 to 8
Bounding Box – Y (mm):	−27 to 48
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	298003
Moments of inertia – Y (mm⁴) :	44364
Product of inertia – XY (mm⁴) :	64558
Radii of gyration – X (mm) :	24
Radii of gyration – Y (mm) :	9
Principal moments along X–Y (mm⁴) :	292741 along [0 1]
Principal moments along Y–X (mm⁴) :	313512 along [−1 0]
Elastic Modulus – Zx (mm³):	I / y-max= 6184
Elastic Modulus – Zy (mm³):	J / x-max= 1630

ST10

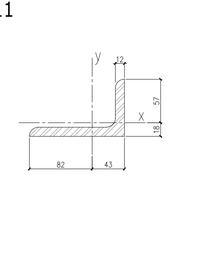


DELETE

DIE NUMBER: ST10 DESCRIPTION: 100x75x5mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	845
Perimeter (mm) :	344
Bounding Box – X (mm):	−70 to 30
Bounding Box – Y (mm):	−18 to 57
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	416277
Moments of inertia – Y (mm⁴) :	856023
Product of inertia – XY (mm⁴) :	352170
Radii of gyration – X (mm) :	22
Radii of gyration – Y (mm) :	32
Principal moments along X–Y (mm⁴) :	220978 along [1 0]
Principal moments along Y–X (mm⁴) :	1051322 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 7252
Elastic Modulus – Zy (mm³):	J / x-max= 12232

ST11

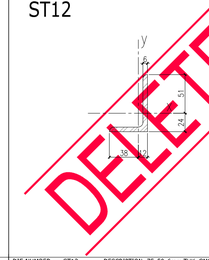


DELETE

DIE NUMBER: ST11 DESCRIPTION: 125x75x12mm THK. GMS ANGLE
ALLOY TEMPER: S355

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2225
Perimeter (mm) :	385
Bounding Box – X (mm):	−82 to 43
Bounding Box – Y (mm):	−18 to 57
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	882285
Moments of inertia – Y (mm⁴) :	3362225
Product of inertia – XY (mm⁴) :	1134459
Radii of gyration – X (mm) :	20
Radii of gyration – Y (mm) :	39
Principal moments along X–Y (mm⁴) :	535549 along [1 0]
Principal moments along Y–X (mm⁴) :	3704961 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 15450
Elastic Modulus – Zy (mm³):	J / x-max= 40778

ST12



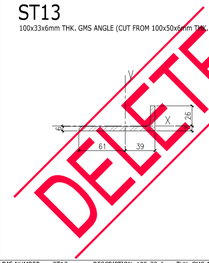
DELETE

DIE NUMBER: ST12 DESCRIPTION: 75x50x6mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	706
Perimeter (mm) :	242
Bounding Box – X (mm):	−51 to 24
Bounding Box – Y (mm):	−12 to 38
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	137324
Moments of inertia – Y (mm⁴) :	390319
Product of inertia – XY (mm⁴) :	134459
Radii of gyration – X (mm) :	14
Radii of gyration – Y (mm) :	24
Principal moments along X–Y (mm⁴) :	79211 along [1 0]
Principal moments along Y–X (mm⁴) :	448431 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 3602
Elastic Modulus – Zy (mm³):	J / x-max= 7689

ST13

100x33x6mm THK. GMS ANGLE (CUT FROM 100x50x6mm THK. GMS ANGLE)

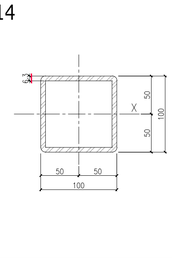


DELETE

DIE NUMBER: ST13 DESCRIPTION: 100x33x6mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	762
Perimeter (mm) :	261
Bounding Box – X (mm):	−61 to 39
Bounding Box – Y (mm):	−7 to 26
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	46348
Moments of inertia – Y (mm⁴) :	763219
Product of inertia – XY (mm⁴) :	98278
Radii of gyration – X (mm) :	8
Radii of gyration – Y (mm) :	32
Principal moments along X–Y (mm⁴) :	33120 along [1 0]
Principal moments along Y–X (mm⁴) :	776506 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 1751
Elastic Modulus – Zy (mm³):	J / x-max= 12530

ST14

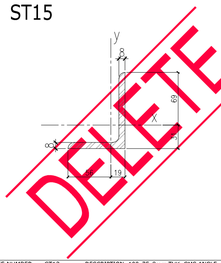


DELETE

DIE NUMBER: ST14 DESCRIPTION: 100x100x5.3mm THK. GMS HOLLOW
ALLOY TEMPER: S355

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	2330
Perimeter (mm) :	739
Bounding Box – X (mm):	−50 to 50
Bounding Box – Y (mm):	−50 to 50
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	3397569
Moments of inertia – Y (mm⁴) :	3397569
Product of inertia – XY (mm⁴) :	0
Radii of gyration – X (mm) :	38
Radii of gyration – Y (mm) :	38
Principal moments along X–Y (mm⁴) :	3397569 along [1 0]
Principal moments along Y–X (mm⁴) :	3397569 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 67951
Elastic Modulus – Zy (mm³):	J / x-max= 67951

ST15

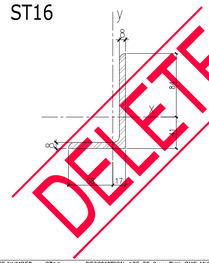


DELETE

DIE NUMBER: ST15 DESCRIPTION: 100x75x8mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1322
Perimeter (mm) :	340
Bounding Box – X (mm):	−56 to 19
Bounding Box – Y (mm):	−31 to 69
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	1284717
Moments of inertia – Y (mm⁴) :	614343
Product of inertia – XY (mm⁴) :	520728
Radii of gyration – X (mm) :	31
Radii of gyration – Y (mm) :	22
Principal moments along X–Y (mm⁴) :	1502250 along [0 1]
Principal moments along Y–X (mm⁴) :	1568810 along [−1 0]
Elastic Modulus – Zx (mm³):	I / y-max= 18589
Elastic Modulus – Zy (mm³):	J / x-max= 10877

ST16

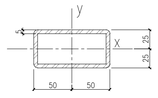


DELETE

DIE NUMBER: ST16 DESCRIPTION: 125x75x8mm THK. GMS ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1522
Perimeter (mm) :	390
Bounding Box – X (mm):	−58 to 17
Bounding Box – Y (mm):	−41 to 84
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	2404647
Moments of inertia – Y (mm⁴) :	650202
Product of inertia – XY (mm⁴) :	723008
Radii of gyration – X (mm) :	40
Radii of gyration – Y (mm) :	21
Principal moments along X–Y (mm⁴) :	3922710 along [0 1]
Principal moments along Y–X (mm⁴) :	2664409 along [−1 0]
Elastic Modulus – Zx (mm³):	I / y-max= 28759
Elastic Modulus – Zy (mm³):	J / x-max= 11167

ST21

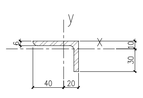


DIE NUMBER: ST21 DESCRIPTION: 100x50x5mm THK. G.M.S, R.H.S
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	1379
Perimeter (mm) :	551
Bounding Box – X (mm):	−50 to 50
Bounding Box – Y (mm):	−25 to 25
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	549407
Moments of inertia – Y (mm⁴) :	1685367
Product of inertia – XY (mm⁴) :	0
Radii of gyration – X (mm) :	20
Radii of gyration – Y (mm) :	35
Principal moments along X–Y (mm⁴) :	549407 along [1 0]
Principal moments along Y–X (mm⁴) :	1685367 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 21976
Elastic Modulus – Zy (mm³):	J / x-max= 33707

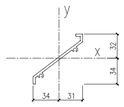
ST22

60x40x6mm THK. GMS ANGLE (CUT FROM 60x60x6mm THK. GMS ANGLE)



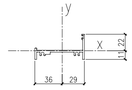
DIE NUMBER: ST22 DESCRIPTION: 60x40x6mm THK. G.M.S, ANGLE
ALLOY TEMPER: S275

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	564
Perimeter (mm) :	195
Bounding Box – X (mm):	−40 to 20
Bounding Box – Y (mm):	−30 to 10
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	72641
Moments of inertia – Y (mm⁴) :	193136
Product of inertia – XY (mm⁴) :	−68357
Radii of gyration – X (mm) :	11
Radii of gyration – Y (mm) :	19
Principal moments along X–Y (mm⁴) :	41770 along [1 0]
Principal moments along Y–X (mm⁴) :	224006 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 2443
Elastic Modulus – Zy (mm³):	J / x-max= 4772



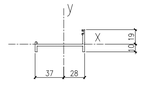
EXTRUSION MARK: ALUM. LOUVRE (AL151)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	241
Perimeter (mm) :	244
Bounding Box – X (mm):	−34 to 31
Bounding Box – Y (mm):	−34 to 32
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	115723
Moments of inertia – Y (mm⁴) :	158022
Product of inertia – XY (mm⁴) :	132766
Radii of gyration – X (mm) :	18
Radii of gyration – Y (mm) :	22
Principal moments along X–Y (mm⁴) :	2433 along [1 1]
Principal moments along Y–X (mm⁴) :	271313 along [−1 1]
Elastic Modulus – Zx (mm³):	I / y-max= 3397
Elastic Modulus – Zy (mm³):	J / x-max= 4644



EXTRUSION MARK: ALUM. WINDOW HEAD (AL152)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	315
Perimeter (mm) :	261
Bounding Box – X (mm):	−36 to 29
Bounding Box – Y (mm):	−11 to 22
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	11381
Moments of inertia – Y (mm⁴) :	173551
Product of inertia – XY (mm⁴) :	17914
Radii of gyration – X (mm) :	6
Radii of gyration – Y (mm) :	23
Principal moments along X–Y (mm⁴) :	9425 along [1 0]
Principal moments along Y–X (mm⁴) :	175006 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 525
Elastic Modulus – Zy (mm³):	J / x-max= 4841



EXTRUSION MARK: ALUM. JAMB (AL153)
GRADE: 6063-T6

MASS PROPERTIES (UNIT)	VALUES
Area (mm²) :	254
Perimeter (mm) :	218
Bounding Box – X (mm):	−37 to 28
Bounding Box – Y (mm):	−10 to 19
Centroid – X (mm) :	0
Centroid – Y (mm) :	0
Moments of inertia – X (mm⁴) :	7663
Moments of inertia – Y (mm⁴) :	139864
Product of inertia – XY (mm⁴) :	13496
Radii of gyration – X (mm) :	5
Radii of gyration – Y (mm) :	23
Principal moments along X–Y (mm⁴) :	6299 along [1 0]
Principal moments along Y–X (mm⁴) :	141228 along [0 1]
Elastic Modulus – Zx (mm³):	I / y-max= 405
Elastic Modulus – Zy (mm³):	J / x-max= 3730

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

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REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd BD AMENDMENT	
A	01.Nov.2021	1st BD AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
E-mail: cmwa@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

MAIN CONTRACTOR :
裕民建築有限公司

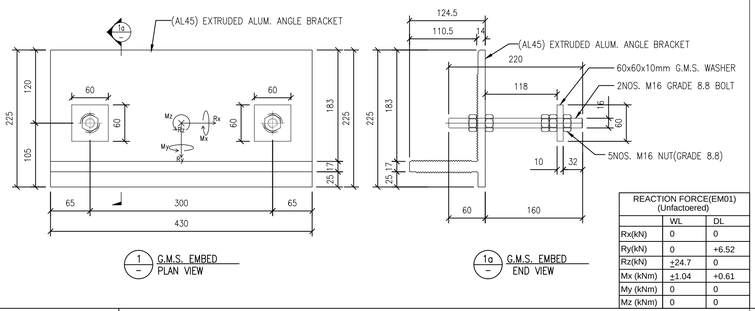
美特鋁貿有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

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

TITLE :
SECTION PROPERTIES
(3 OF 3)

JOB NO. : 12156

DRAWN BY : AN	DATE : 18.Oct.2021
CHKD BY :	SCALE A1: 1:4 A3:
DWG. NO. : BD-GN-004	REV. : B

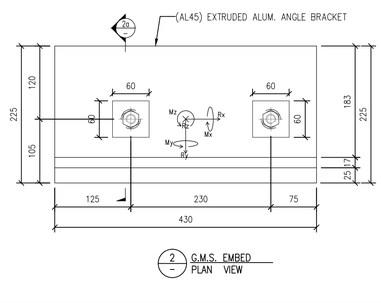


1 G.M.S. EMBED PLAN VIEW

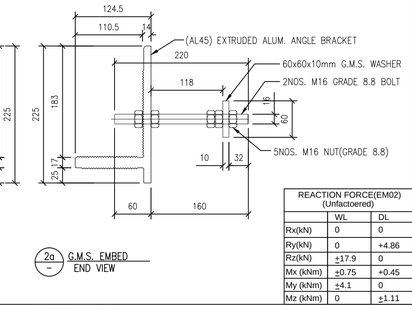
1a G.M.S. EMBED END VIEW

REACTION FORCE(EM01) (Unfactoered)		
	WL	DL
Rx(kN)	0	0
Ry(kN)	0	+6.52
Rz(kN)	±24.7	0
Mx (kNm)	±1.04	+0.61
My (kNm)	0	0
Mz (kNm)	0	0

CAST-IN TYPE: EM01 | DESCRIPTION : EXTRUDED ALUM. ANGLE BRACKET W/ M16 GRADE 8.8 BOLT



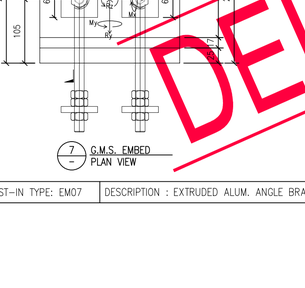
2 G.M.S. EMBED PLAN VIEW



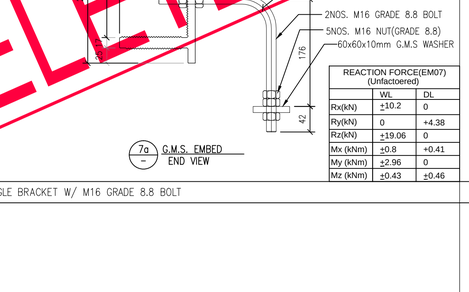
2a G.M.S. EMBED END VIEW

REACTION FORCE(EM02) (Unfactoered)		
	WL	DL
Rx(kN)	0	0
Ry(kN)	0	+4.86
Rz(kN)	±17.9	0
Mx (kNm)	±0.75	+0.45
My (kNm)	±4.1	0
Mz (kNm)	0	±1.11

CAST-IN TYPE: EM02 | DESCRIPTION : EXTRUDED ALUM. ANGLE BRACKET W/ M16 GRADE 8.8 BOLT



3 G.M.S. EMBED PLAN VIEW



3a G.M.S. EMBED END VIEW

REACTION FORCE(EM03) (Unfactoered)		
	WL	DL
Rx(kN)	±10.2	0
Ry(kN)	0	+4.38
Rz(kN)	±19.06	0
Mx (kNm)	±0.8	+0.41
My (kNm)	±2.96	0
Mz (kNm)	±0.43	±0.46

CAST-IN TYPE: EM03 | DESCRIPTION : EXTRUDED ALUM. ANGLE BRACKET W/ M16 GRADE 8.8 BOLT



4 G.M.S. EMBED PLAN VIEW



4a G.M.S. EMBED END VIEW

REACTION FORCE(EM04) (Unfactoered)		
	WL	DL
Rx(kN)	0	0
Ry(kN)	0	+6.52
Rz(kN)	±24.7	0
Mx (kNm)	±1.04	+0.61
My (kNm)	0	0
Mz (kNm)	0	0

CAST-IN TYPE: EM04 | DESCRIPTION : 16mm THK. G.M.S. PLATE W/ ø16mm G.M.S. THREAD ROD

5 G.M.S. EMBED PLAN VIEW

5a G.M.S. EMBED END VIEW

REACTION FORCE(EM05) (Unfactoered)		
	WL	DL
Rx(kN)	0	0
Ry(kN)	0	+6.52
Rz(kN)	±24.7	0
Mx (kNm)	±1.04	+0.61
My (kNm)	0	0
Mz (kNm)	0	0

CAST-IN TYPE: EM05 | DESCRIPTION : EXTRUDED ALUM. ANGLE BRACKET W/ M16 GRADE 8.8 BOLT

6 G.M.S. EMBED PLAN VIEW

6a G.M.S. EMBED END VIEW

REACTION FORCE(EM06) (Unfactoered)		
	WL	DL
Rx(kN)	0	0
Ry(kN)	0	+4.86
Rz(kN)	±17.9	0
Mx (kNm)	±0.75	+0.45
My (kNm)	±4.1	0
Mz (kNm)	0	±1.11

CAST-IN TYPE: EM06 | DESCRIPTION : EXTRUDED ALUM. ANGLE BRACKET W/ M16 GRADE 8.8 BOLT

7 G.M.S. EMBED PLAN VIEW

7a G.M.S. EMBED END VIEW

REACTION FORCE(EM07) (Unfactoered)		
	WL	DL
Rx(kN)	±10.2	0
Ry(kN)	0	+4.38
Rz(kN)	±19.06	0
Mx (kNm)	±0.8	+0.41
My (kNm)	±2.96	0
Mz (kNm)	±0.43	±0.46

CAST-IN TYPE: EM07 | DESCRIPTION : EXTRUDED ALUM. ANGLE BRACKET W/ M16 GRADE 8.8 BOLT

DELETE
DELETE
DELETE

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
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REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd BD AMENDMENT	
A	01.Nov.2021	1st BD AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
E-mail: cmwal@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

MAIN CONTRACTOR :
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美特鋁質有限公司
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Tel:23489211-4 Fax:(852)27727666

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

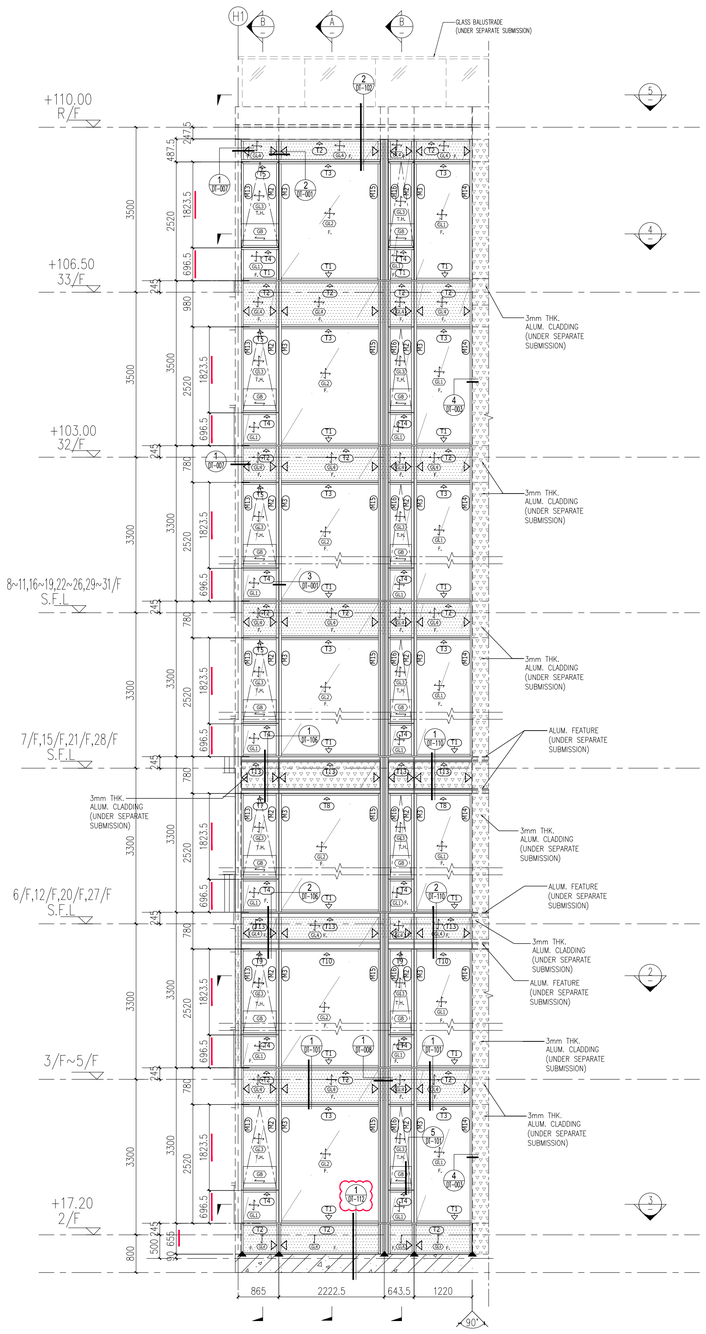
TITLE :
SCHEDULE EMBED

JOB NO. : 12156

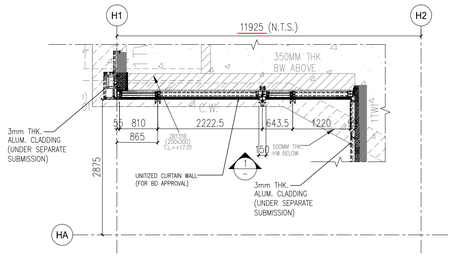
DRAWN BY : AN | DATE : 18.Oct.2021

CHKD BY : | SCALE A1: 1:5 A3:

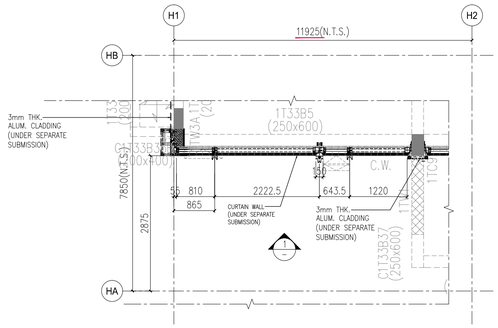
DWG. NO. : BD-GN-006 | REV. : B



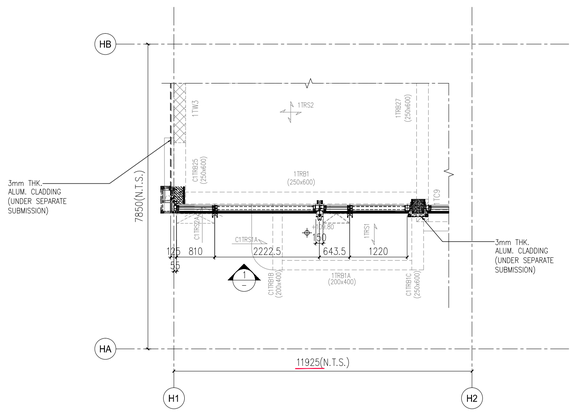
1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:65



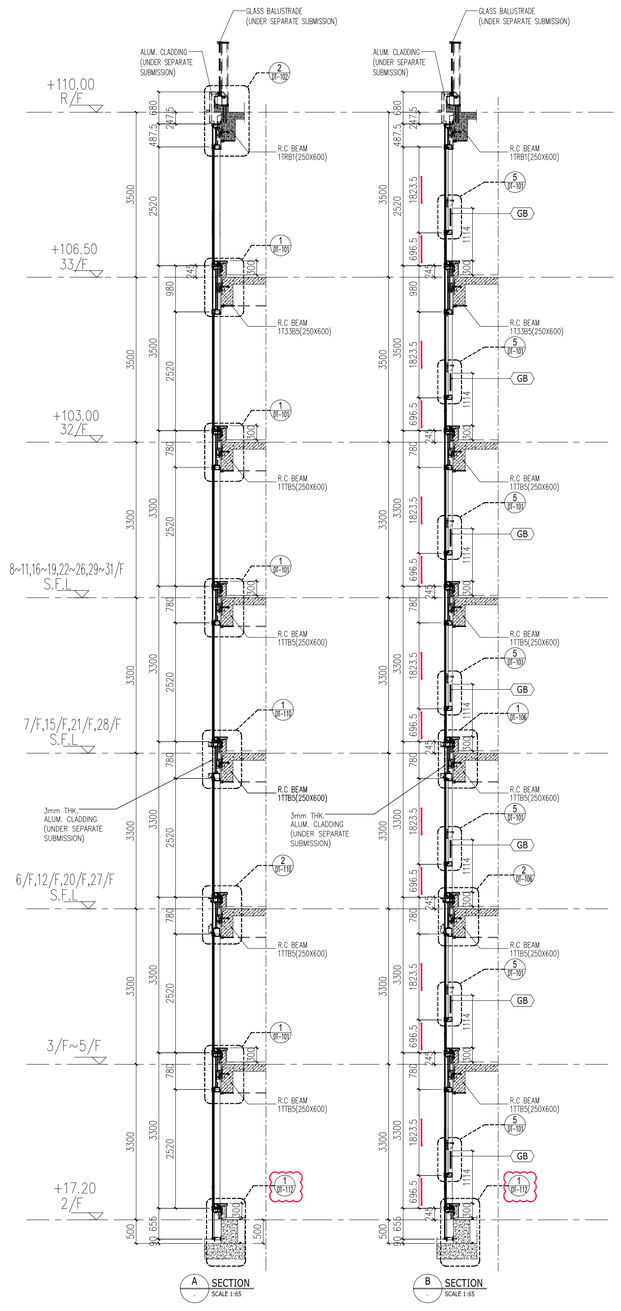
3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:65



4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 33/F
SCALE 1:65



5 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT ROOF/F
SCALE 1:65



A SECTION
SCALE 1:65

B SECTION
SCALE 1:65

LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM6,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)

GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

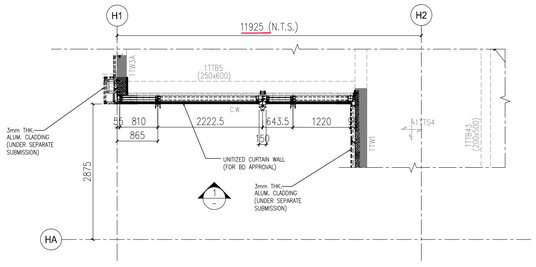
GL4 = 8mm FULLY TEMPERED LAMINATED GLASS 1.52 PVB INTERLAYER 8mm FULLY TEMPERED LAMINATED GLASS

GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

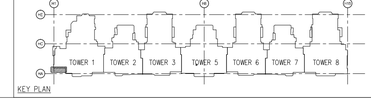
S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUITTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUITTER STACK JOINT (AL105)

FLOOR	LEVEL	FLOOR	LEVEL
R/F	+110.00	19/F	+63.40
33/F	+106.50	18/F	+60.10
32/F	+103.00	17/F	+56.80
31/F	+99.70	16/F	+53.50
30/F	+96.40	15/F	+50.20
29/F	+93.10	12/F	+46.90
28/F	+83.20	11/F	+43.60
27/F	+86.50	10/F	+40.30
26/F	+83.20	9/F	+37.00
25/F	+79.90	8/F	+33.70
23/F	+76.60	7/F	+30.40
22/F	+73.30	6/F	+27.10
21/F	+70.00	5/F	+23.80
20/F	+66.70	3/F	+20.50
		2/F	+17.20



2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:65 (3/F TO 32/F, 28STOREY, FLOOR NUMBER WITHOUT 4/F,13/F,14/F&24/F)



B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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TEL: (852) 2522 1068
E-mail: cmwa@cmwal.com

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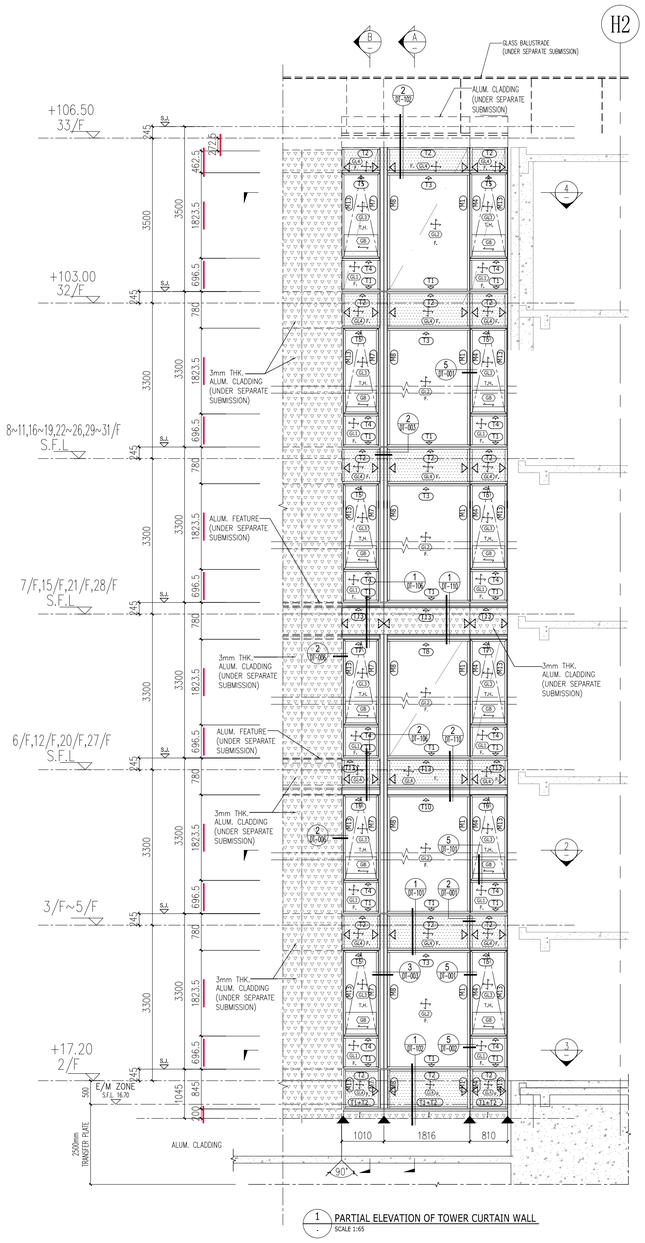
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

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

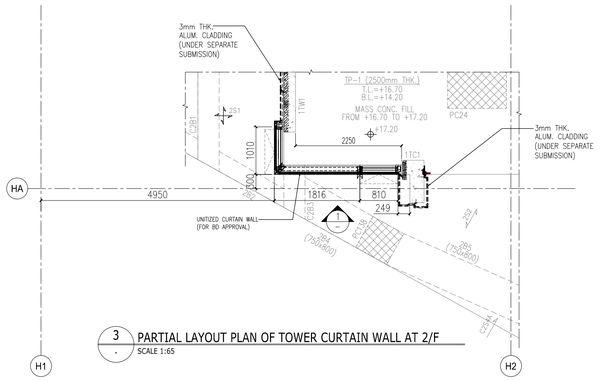
TITLE :
TOWER 1 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

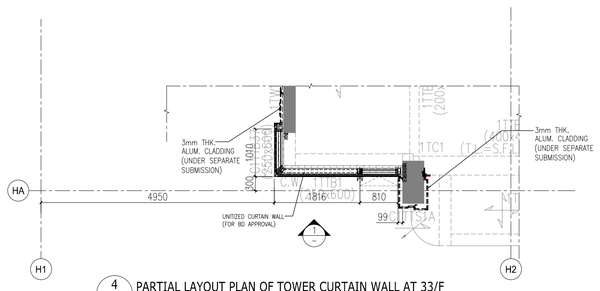
DRAWN BY : AN	DATE : 18.Oct.2021
CHKD BY :	SCALE A1: AS SHOW A3:
DWG. NO. : BD-PE-001	REV. : B



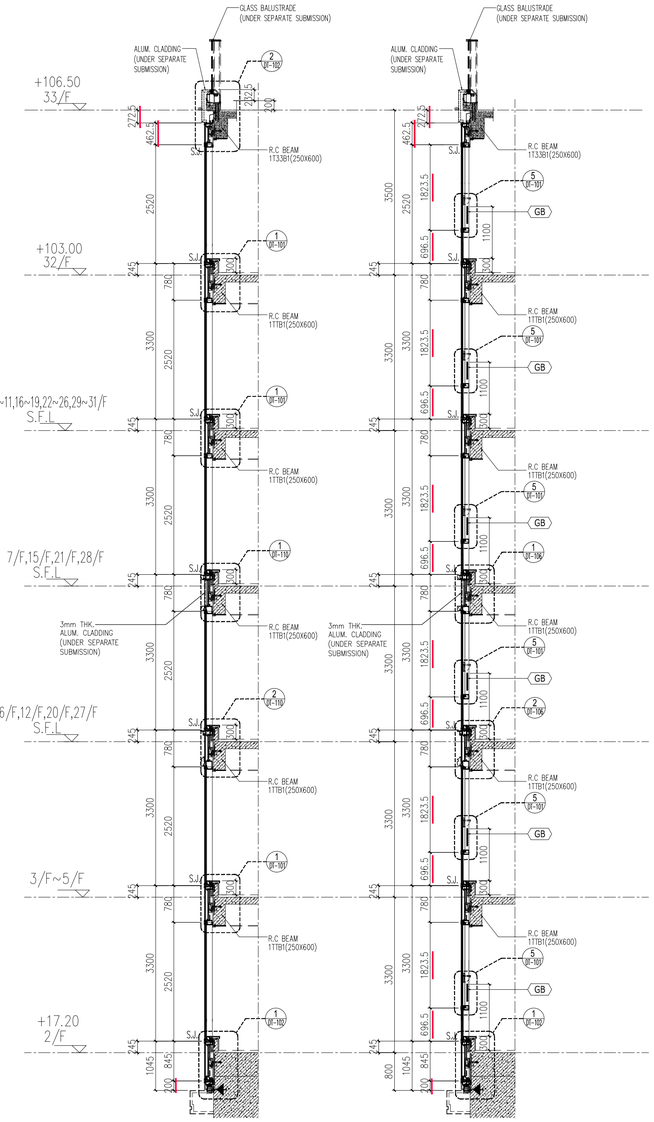
1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:65



3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:65

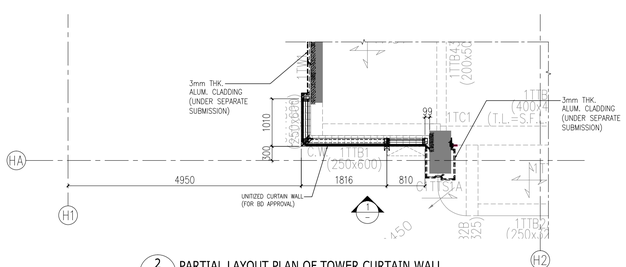


4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 33/F
SCALE 1:65



A SECTION
SCALE 1:65

B SECTION
SCALE 1:65



2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:65 (3/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F14/F & 24)

LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

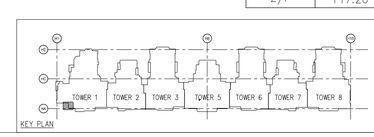
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GL3 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS
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GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

S.J. = STACK JOINT
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FLOOR	LEVEL	FLOOR	LEVEL
R/F	+110.00	19/F	+63.40
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32/F	+103.00	17/F	+56.80
31/F	+99.70	16/F	+53.50
30/F	+96.40	15/F	+50.20
29/F	+93.10	12/F	+46.90
28/F	+83.20	11/F	+43.60
27/F	+86.50	10/F	+40.30
26/F	+83.20	9/F	+37.00
25/F	+79.90	8/F	+33.70
23/F	+76.60	7/F	+30.40
22/F	+73.30	6/F	+27.10
21/F	+70.00	5/F	+23.80
20/F	+66.70	3/F	+20.50
		2/F	+17.20



B.D. REF : BD 3/4056/19

F.S.D. REF :

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REV.	DATE	DESCRIPTION	BY
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CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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MAIN CONTRACTOR :
裕民建築有限公司

美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6~8, Sunray Industrial Centre, 1/F
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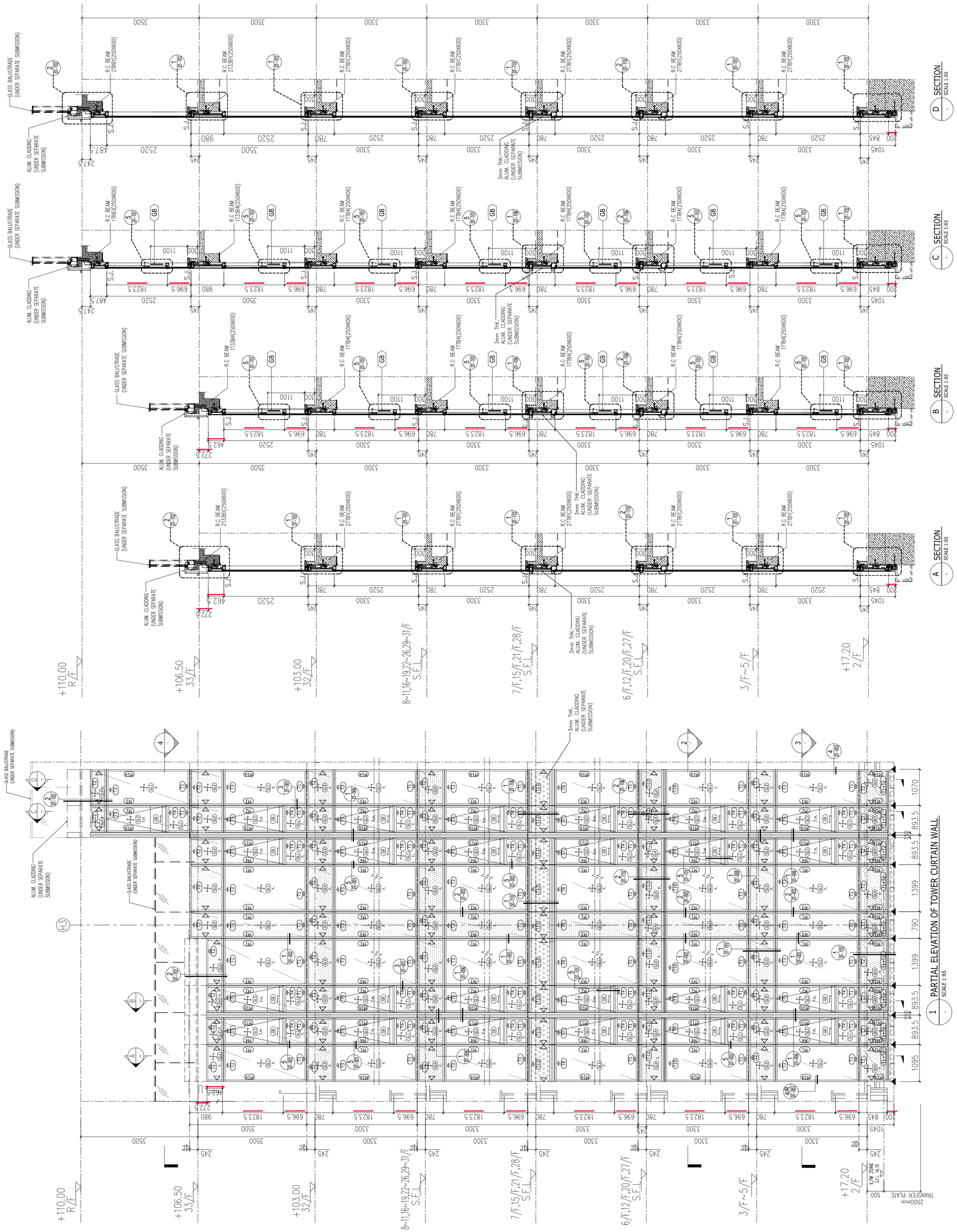
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT
NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 1 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-002
REV. : B



FLOOR	LEVEL
R/F	+110.00
33/F	+106.50
32/F	+103.00
31/F	+99.70
30/F	+96.40
29/F	+93.10
28/F	+83.20
27/F	+86.50
26/F	+83.20
25/F	+79.90
23/F	+76.60
22/F	+73.30
21/F	+70.00
20/F	+66.70
19/F	+63.40
18/F	+60.10
17/F	+56.80
16/F	+53.50
15/F	+50.20
12/F	+46.90
11/F	+43.60
10/F	+40.30
9/F	+37.00
8/F	+33.70
7/F	+30.40
6/F	+27.10
5/F	+23.80
3/F	+20.50
2/F	+17.20

B.D. REF : BD 3/4056/19

F.S.D. REF :

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REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
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CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
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MAIN CONTRACTOR :
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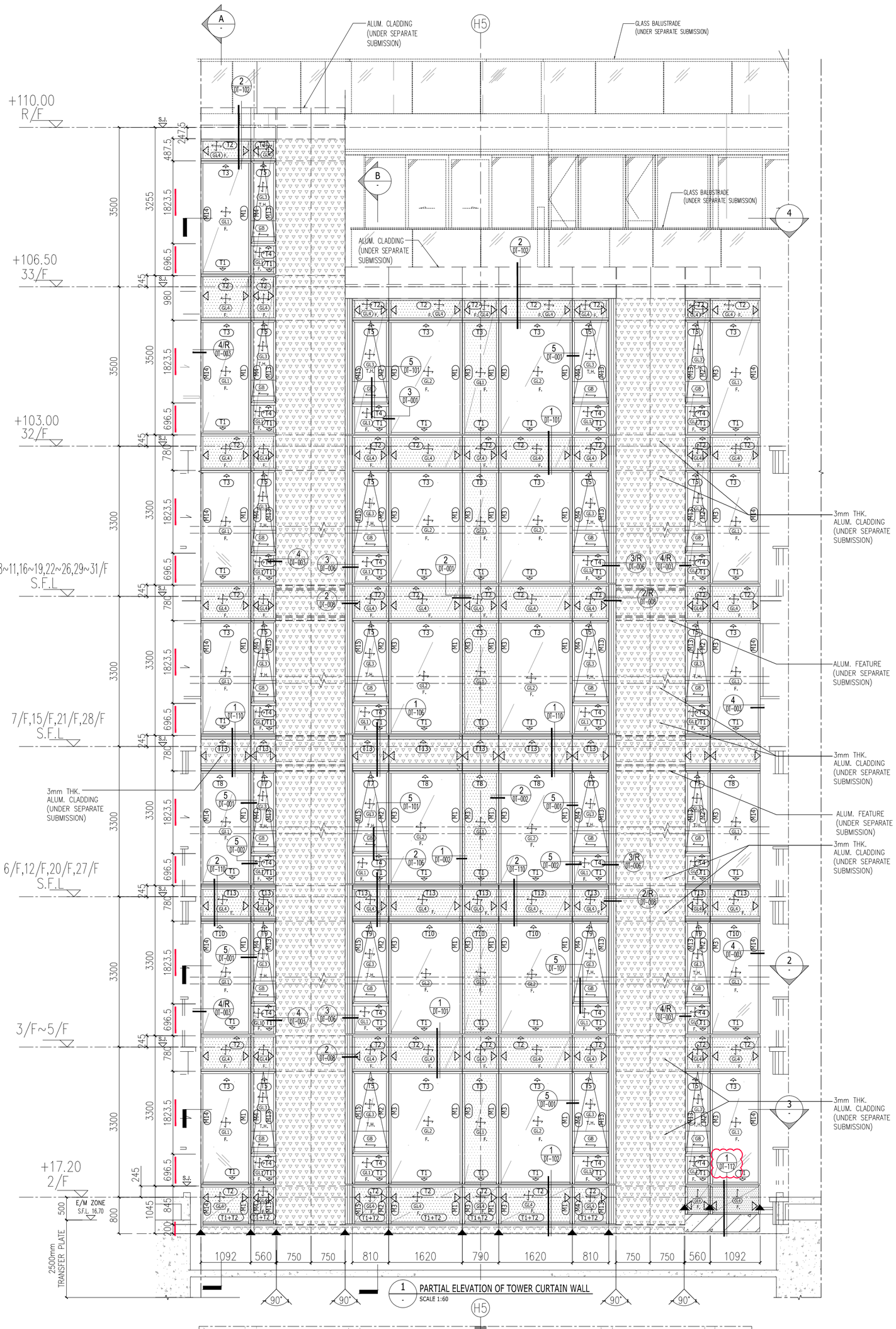
美特鋁質有限公司
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Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

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

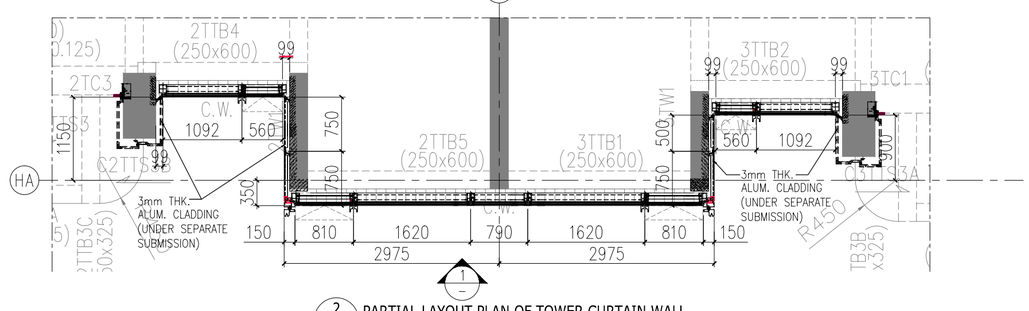
TITLE :
TOWER 1 & 2 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

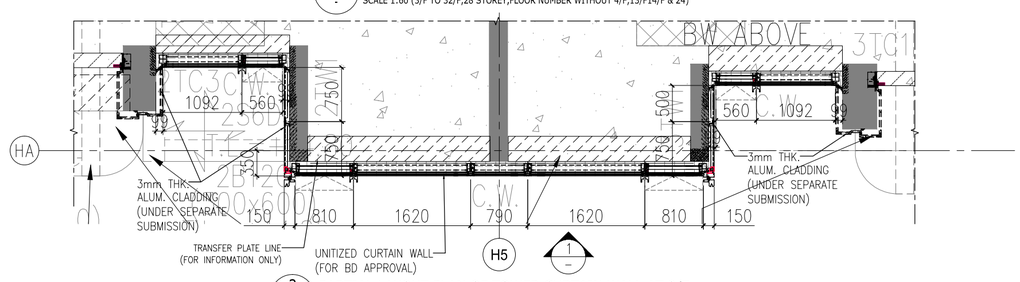
DRAWN BY :	AN	DATE :	18.Oct.2021
CHKD BY :		SCALE A1: / A3:	AS SHOW
DWG. NO. :	BD-PE-003	REV. :	B



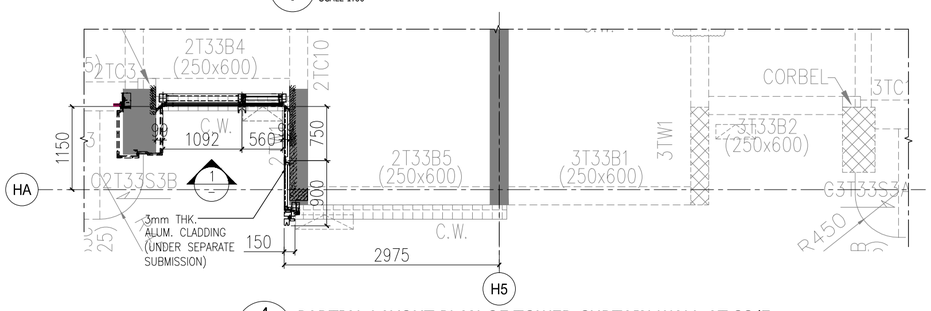
1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:60



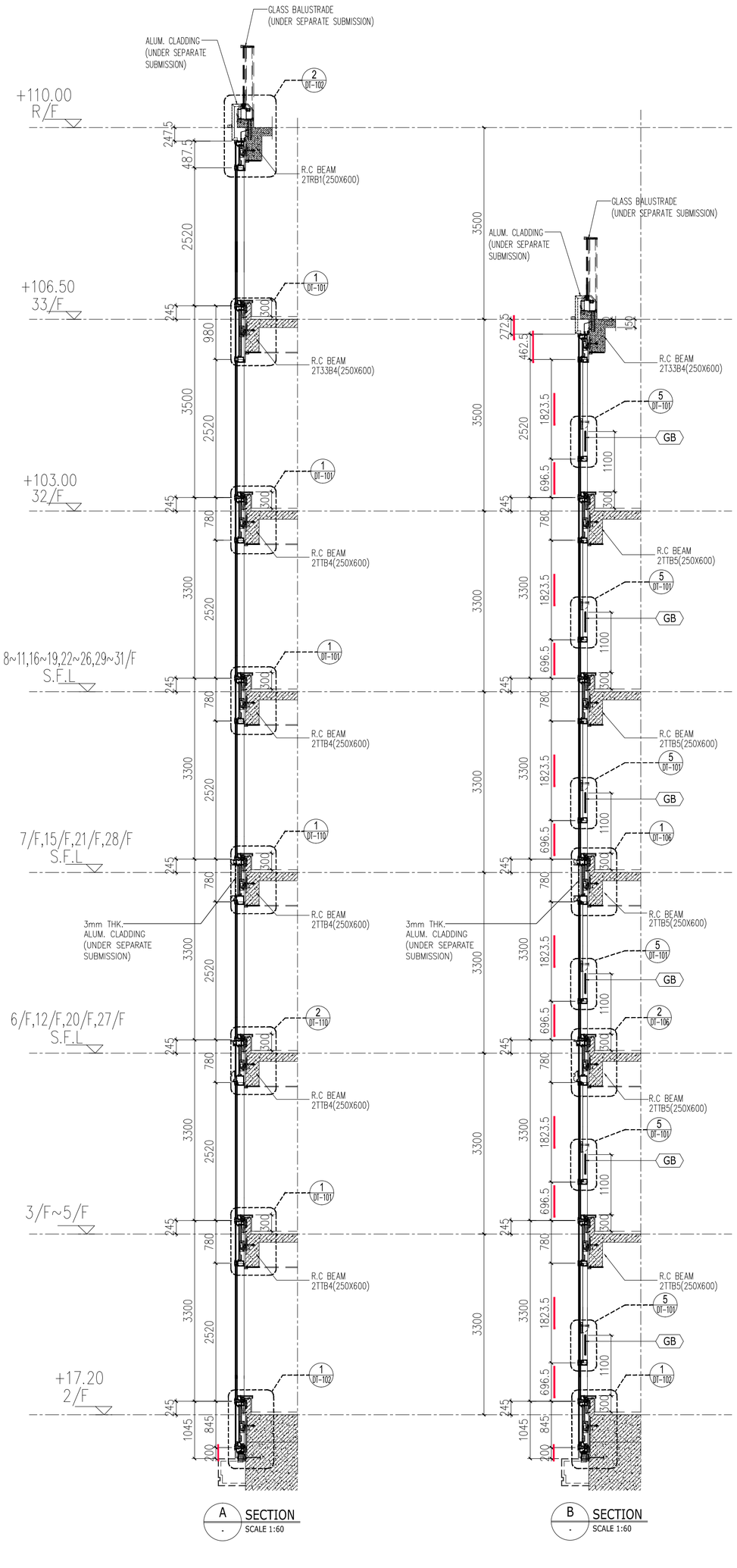
2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:60 (3/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F14/F & 24)



3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:60



4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 33/F
SCALE 1:60



A SECTION
SCALE 1:60

B SECTION
SCALE 1:60

LEGEND :

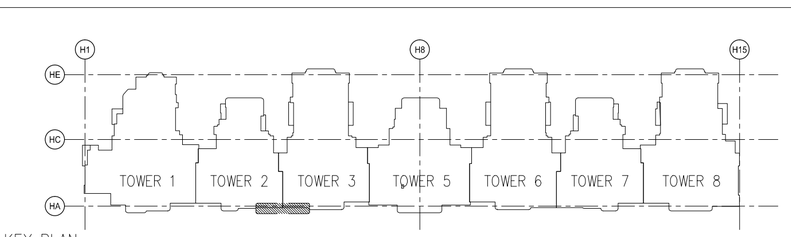
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GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS
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M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
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FLOOR	LEVEL
R/F	+110.00
33/F	+106.50
32/F	+103.00
31/F	+99.70
30/F	+96.40
29/F	+93.10
28/F	+83.20
27/F	+86.50
26/F	+83.20
25/F	+79.90
23/F	+76.60
22/F	+73.30
21/F	+70.00
20/F	+66.70
19/F	+63.40
18/F	+60.10
17/F	+56.80
16/F	+53.50
15/F	+50.20
12/F	+46.90
11/F	+43.60
10/F	+40.30
9/F	+37.00
8/F	+33.70
7/F	+30.40
6/F	+27.10
5/F	+23.80
3/F	+20.50
2/F	+17.20



KEY PLAN

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure – Curtain Wall
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IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1084
E-mail: cmwat@cmwat.com

MAIN CONTRACTOR :
裕民建築有限公司
Inhabit Inhabit Group Hong Kong
http://www.inhabitgroup.com

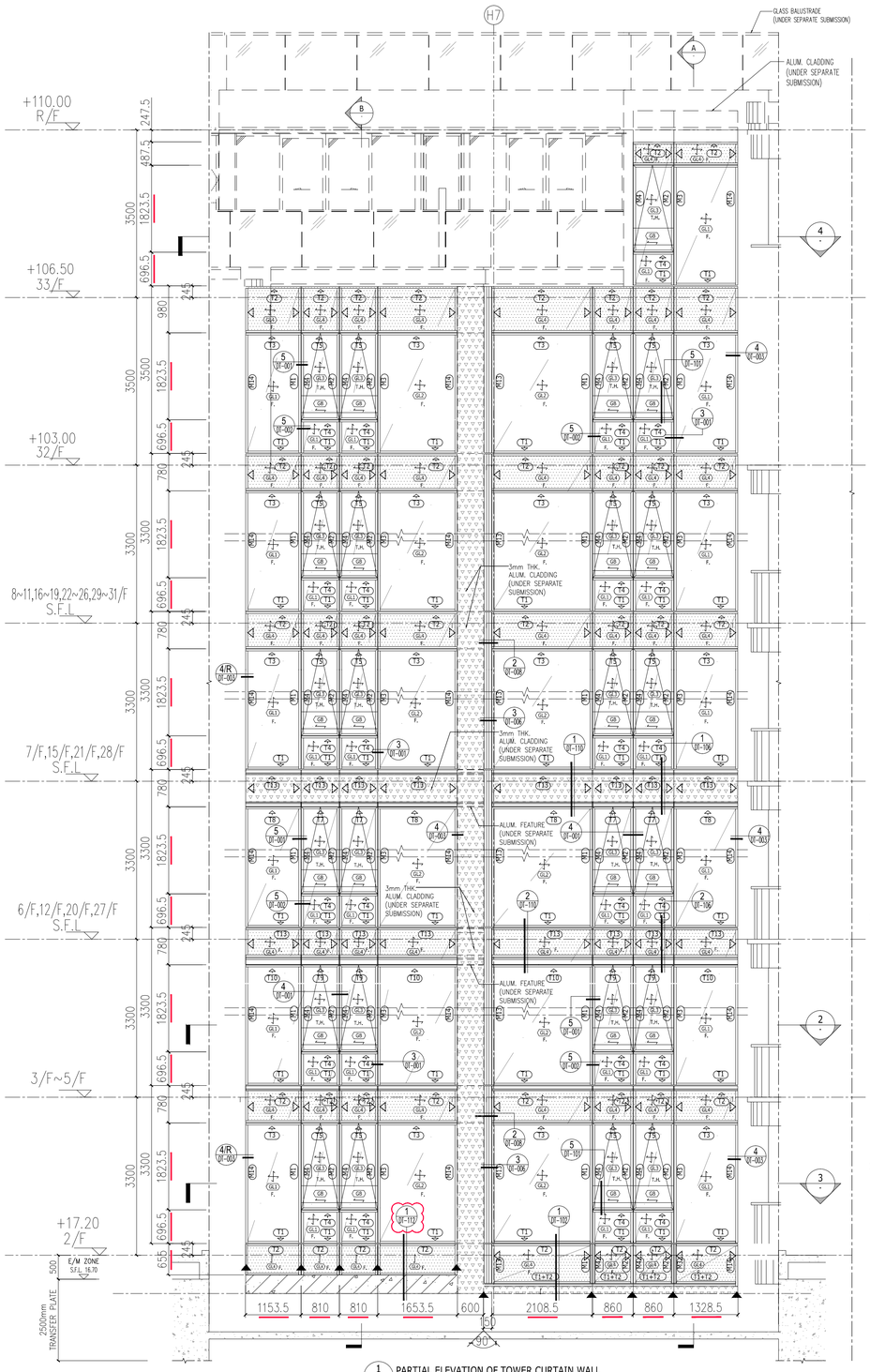
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

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

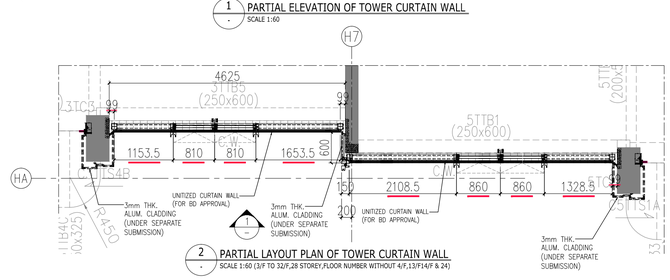
TITLE : TOWER 2 & 3 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156
DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:
DWG. NO. : BD-PE-004
REV. : B

B.D. REF : BD 3/4056/19
F.S.D. REF :



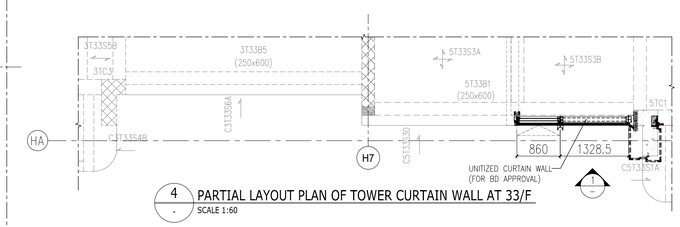
1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:60



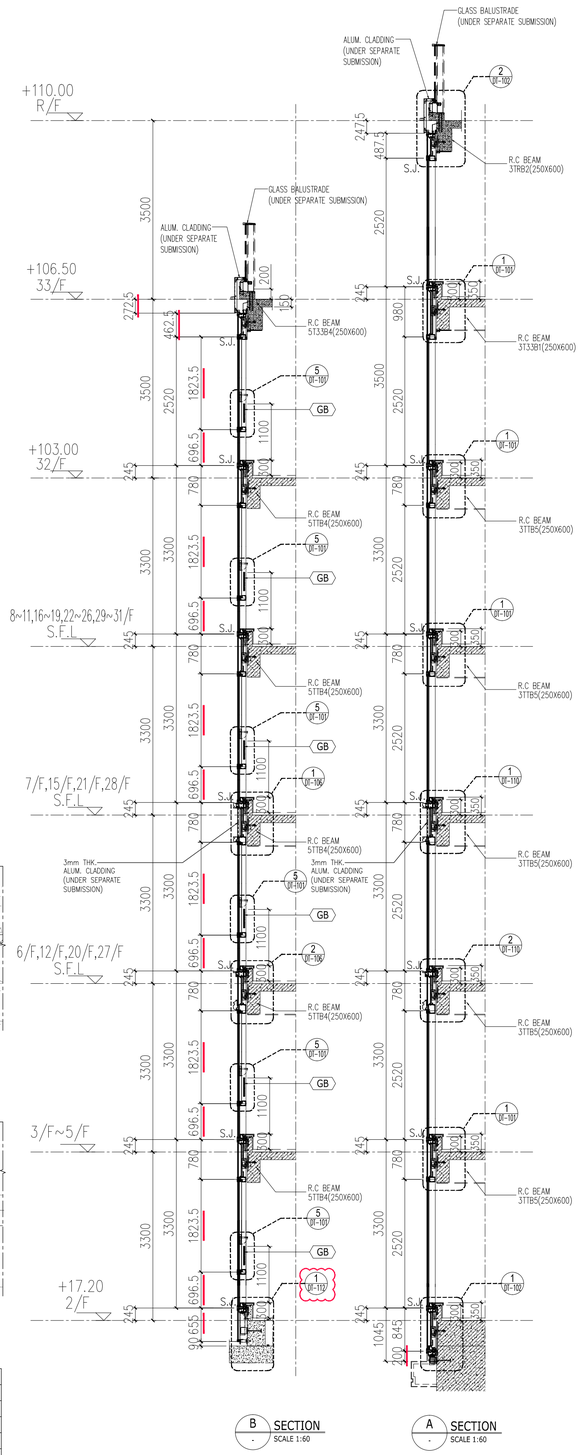
2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:60 (3/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F14/F & 24)



3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:60



4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 33/F
SCALE 1:60



B SECTION
SCALE 1:60

A SECTION
SCALE 1:60

LEGEND :

3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)
GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS
GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

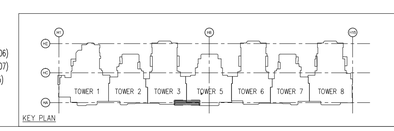
S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)

M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)

T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

FLOOR	LEVEL	FLOOR	LEVEL	FLOOR	LEVEL	FLOOR	LEVEL
R/F	+110.00	26/F	+83.20	18/F	+60.10	9/F	+37.00
33/F	+106.50	25/F	+79.90	17/F	+56.80	8/F	+33.70
32/F	+103.00	23/F	+76.60	16/F	+53.50	7/F	+30.40
31/F	+99.70	22/F	+73.30	15/F	+50.20	6/F	+27.10
30/F	+96.40	21/F	+70.00	12/F	+46.90	5/F	+23.80
29/F	+93.10	20/F	+66.70	11/F	+43.60	3/F	+20.50
28/F	+83.20	19/F	+63.40	10/F	+40.30	2/F	+17.20
27/F	+86.50						



B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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Superstructure - Curtain Wall
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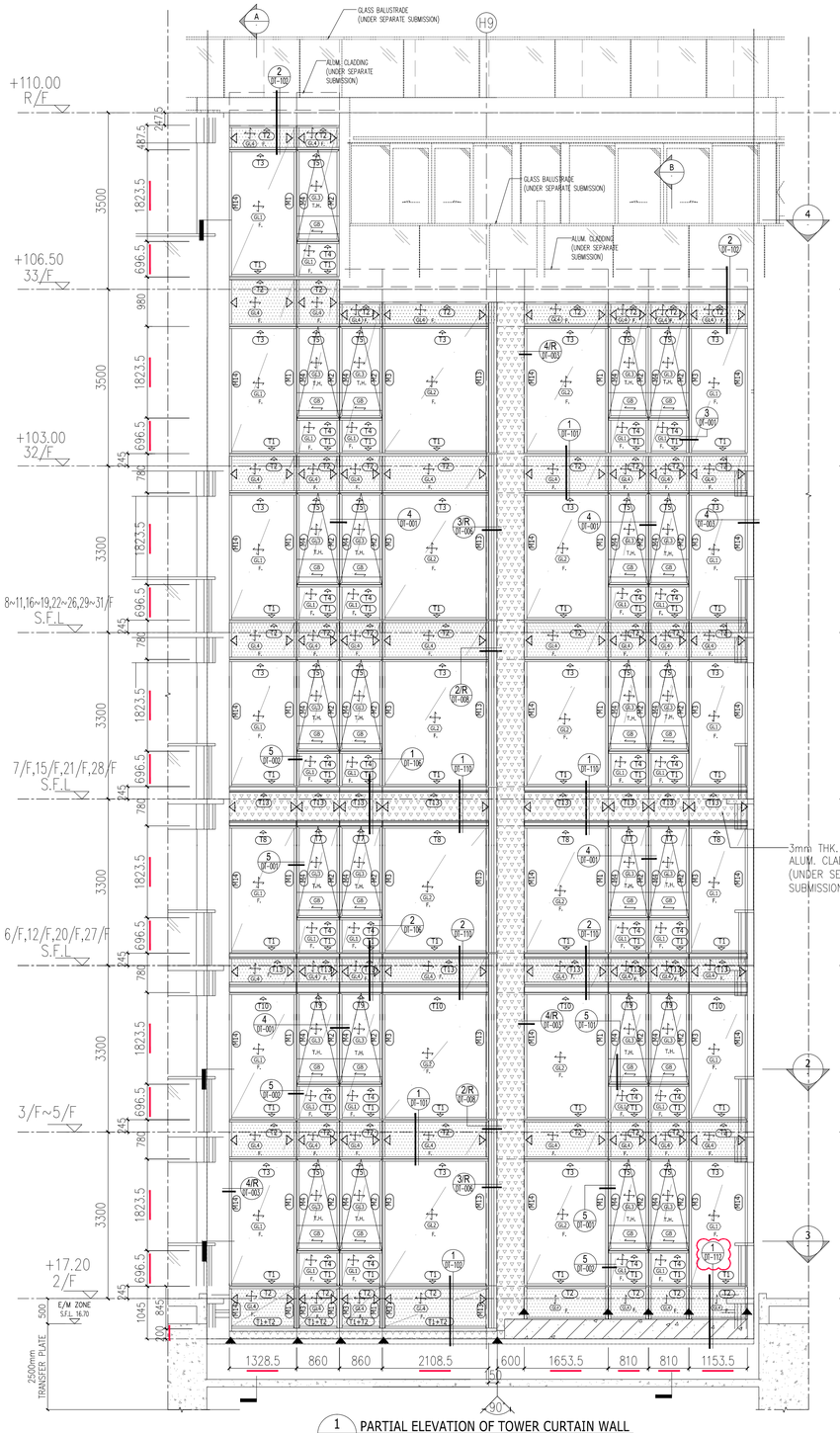
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT
NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 3 & 5 PARTIAL ELEVATION PLAN & SECTION

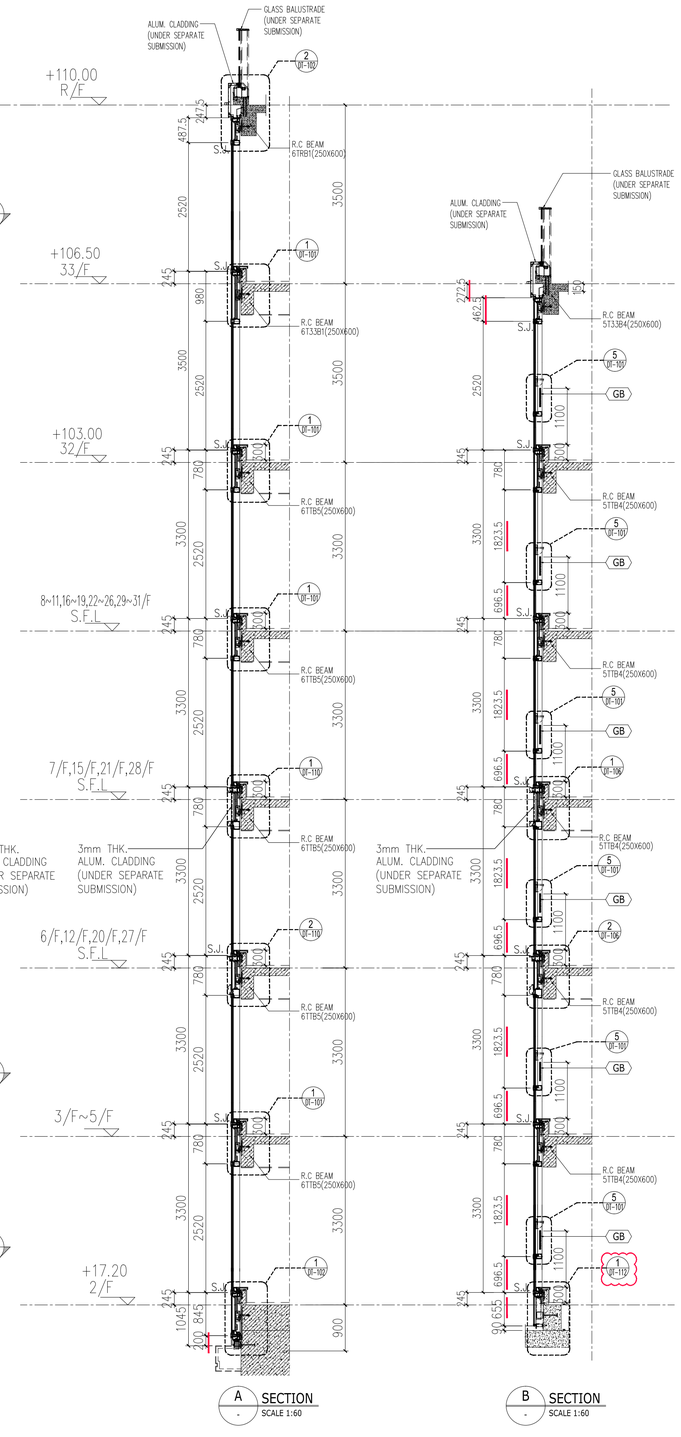
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-005
REV. : B



1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:60



A SECTION
SCALE 1:60

B SECTION
SCALE 1:60

FLOOR	LEVEL
R/F	+110.00
33/F	+106.50
32/F	+103.00
31/F	+99.70
30/F	+96.40
29/F	+93.10
28/F	+83.20
27/F	+86.50
26/F	+83.20
25/F	+79.90
23/F	+76.60
22/F	+73.30
21/F	+70.00
20/F	+66.70
19/F	+63.40
18/F	+60.10
17/F	+56.80
16/F	+53.50
15/F	+50.20
12/F	+46.90
11/F	+43.60
10/F	+40.30
9/F	+37.00
8/F	+33.70
7/F	+30.40
6/F	+27.10
5/F	+23.80
3/F	+20.50
2/F	+17.20

LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM4,EM5,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)

8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER
GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED ICU LAMINATED CLEAR GLASS

8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER
GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED ICU LAMINATED CLEAR GLASS

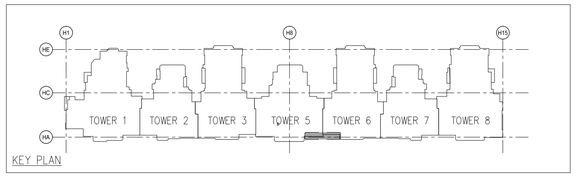
8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED ICU LAMINATED CLEAR GLASS

8mm FULLY TEMPERED LAMINATED GLASS
GL4 = 1.52 PVB INTERLAYER
8mm FULLY TEMPERED LAMINATED GLASS

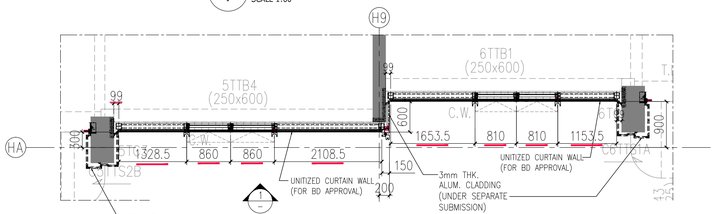
GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
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M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

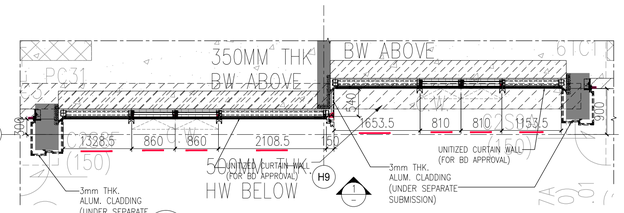
T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)



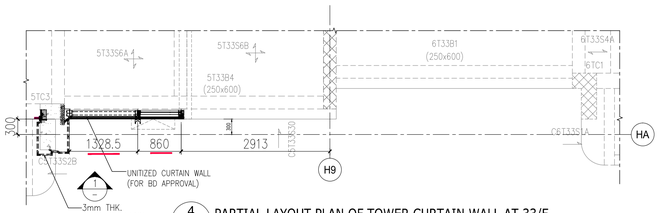
KEY PLAN



2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:60 (3/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F14/F & 24)



3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:60



4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 33/F
SCALE 1:60

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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Units 6-8, Sunray Industrial Centre, 1/F
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PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 5 & 6 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

DRAWN BY : AN

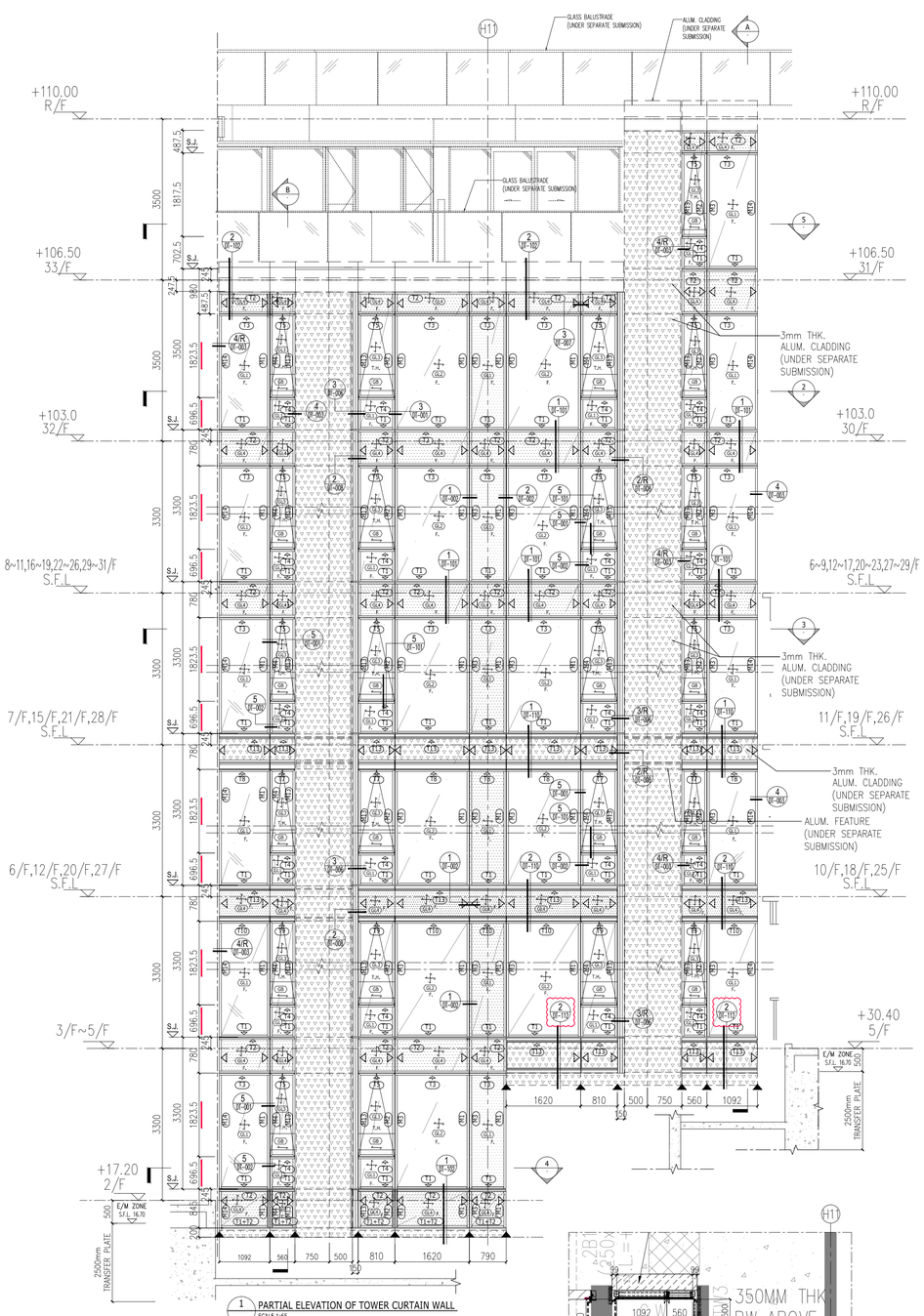
DATE : 18.Oct.2021

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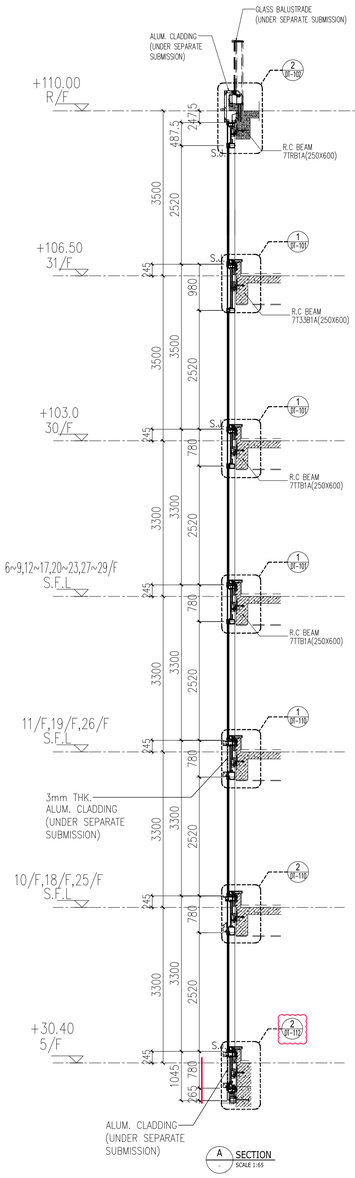
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-006

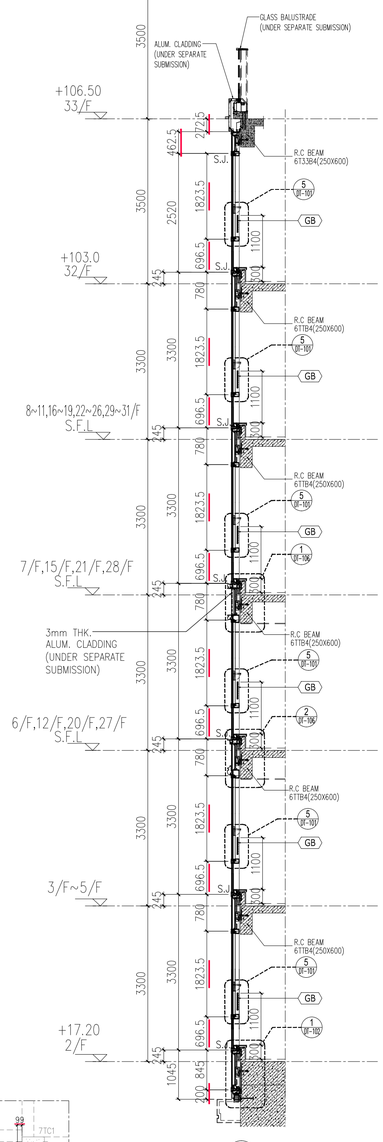
REV. : B



1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:65



A SECTION
SCALE 1:65



B SECTION
SCALE 1:65

LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3 ~~EM5,EM6,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)

GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)

M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

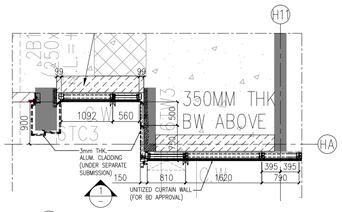
GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS

GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

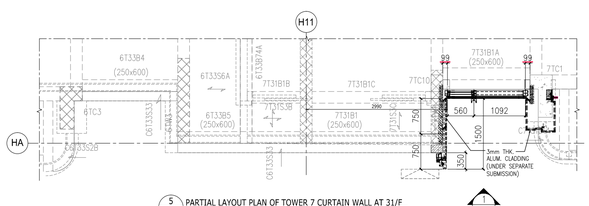
T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)

T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
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T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

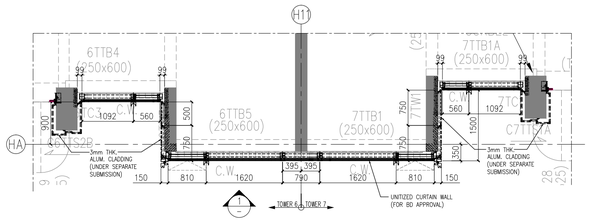
(FOR TOWER 7)		(FOR TOWER 6)	
FLOOR	LEVEL	FLOOR	LEVEL
R/F	+110.00	R/F	+110.00
31/F	+106.50	33/F	+106.50
30/F	+103.00	32/F	+103.00
29/F	+99.70	31/F	+99.70
28/F	+96.40	30/F	+96.40
27/F	+93.10	29/F	+93.10
26/F	+83.20	28/F	+83.20
25/F	+86.50	27/F	+86.50
23/F	+83.20	26/F	+83.20
22/F	+79.90	25/F	+79.90
21/F	+76.60	23/F	+76.60
20/F	+73.30	22/F	+73.30
19/F	+70.00	21/F	+70.00
18/F	+66.70	20/F	+66.70
17/F	+63.40	19/F	+63.40
16/F	+60.10	18/F	+60.10
15/F	+56.80	17/F	+56.80
12/F	+53.50	16/F	+53.50
11/F	+50.20	15/F	+50.20
10/F	+46.90	12/F	+46.90
9/F	+43.60	11/F	+43.60
8/F	+40.30	10/F	+40.30
7/F	+37.00	9/F	+37.00
6/F	+33.70	8/F	+33.70
5/F	+30.40	7/F	+30.40
		6/F	+27.10
		5/F	+23.80
		3/F	+20.50
		2/F	+17.20



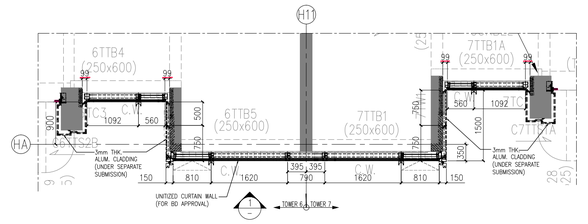
4 PARTIAL LAYOUT PLAN OF TOWER 6 CURTAIN WALL AT 2/F
SCALE 1:65



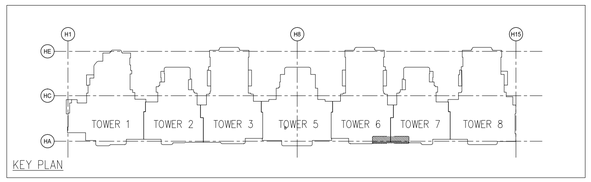
5 PARTIAL LAYOUT PLAN OF TOWER 7 CURTAIN WALL AT 31/F
SCALE 1:65



2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL (TYPICAL FLOOR)
SCALE 1:65 (3/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F&14/F & 24)



3 PARTIAL LAYOUT PLAN OF CURTAIN WALL AT TOWER 6 (7/F) / TOWER 7 (11/F)
SCALE 1:65



KEY PLAN

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works Superstructure - Curtain Wall in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1369
E-mail: cmwal@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

MAIN CONTRACTOR :
裕民建築有限公司

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

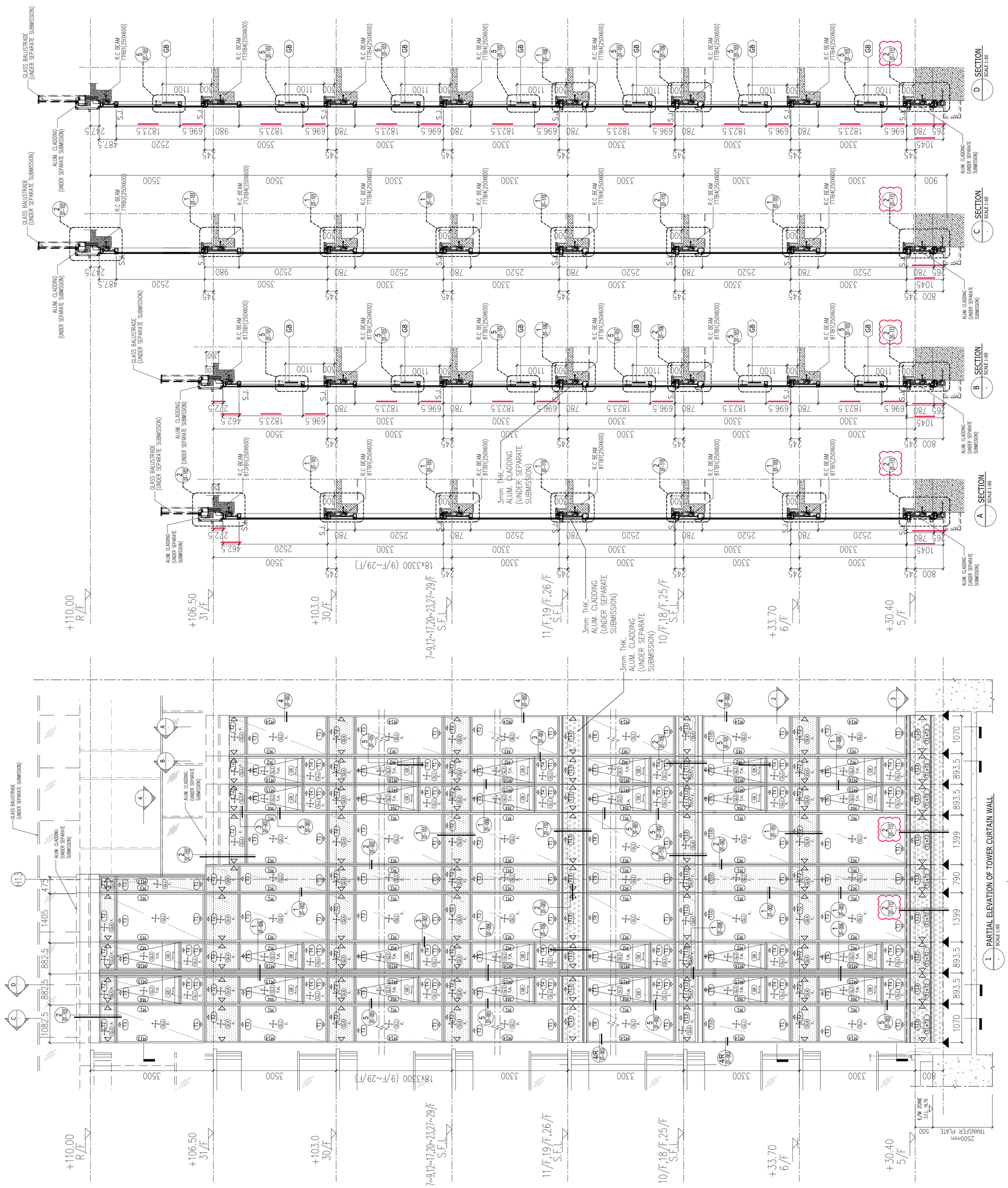
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 6 & 7 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

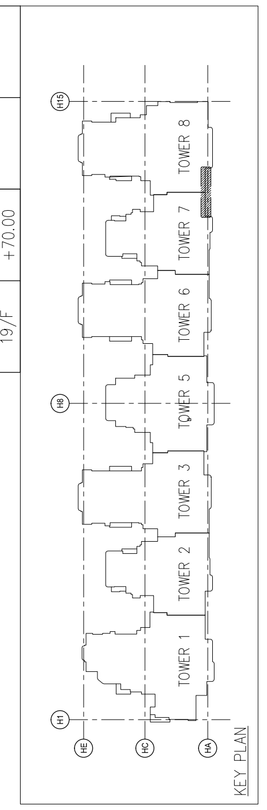
DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-007
REV. : B



FLOOR	LEVEL
R/F	+110.00
31/F	+106.50
30/F	+103.00
29/F	+99.70
28/F	+96.40
27/F	+93.10
26/F	+83.20
25/F	+86.50
23/F	+83.20
22/F	+79.90
21/F	+76.60
20/F	+73.30
19/F	+70.00

FLOOR	LEVEL
18/F	+66.70
17/F	+63.40
16/F	+60.10
15/F	+56.80
12/F	+53.50
11/F	+50.20
10/F	+46.90
9/F	+43.60
8/F	+40.30
7/F	+37.00
6/F	+33.70
5/F	+30.40

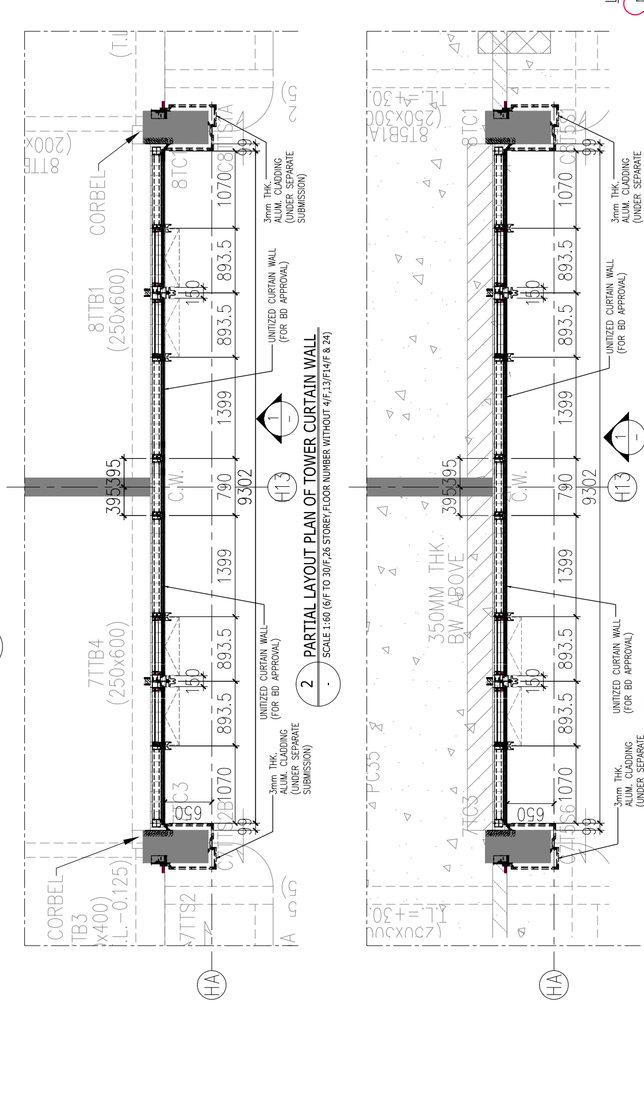


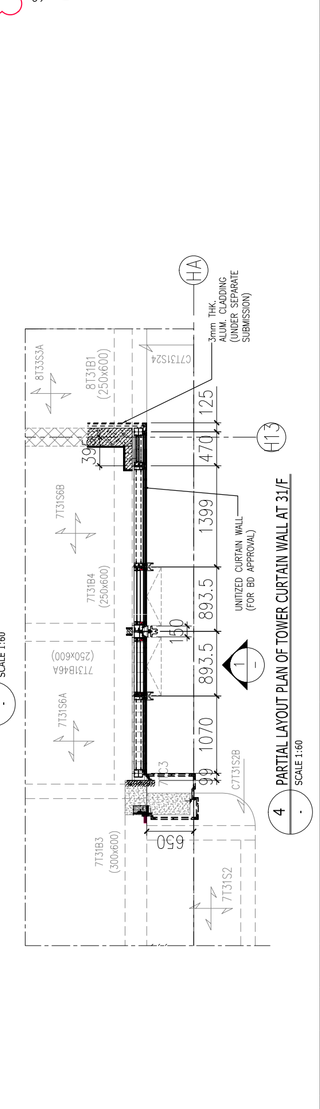
S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (ALO3)
M2 = EXTRUDED ALUM. MALE MULLION (ALO3A)
M3 = EXTRUDED ALUM. FEMALE MULLION (ALO4)
M4 = EXTRUDED ALUM. FEMALE MULLION (ALO4A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (ALO7)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (ALO8)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (ALO6)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (ALO5)
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED ISO LAMINATED CLEAR GLASS
GL2 =
8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED ISO LAMINATED CLEAR GLASS
GL3 =
8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS
GL4 =
10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)
GB =

LEGEND :
3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)
S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
WIND LOAD +1849 LOAD FIXING LOCATION (TOTAL 1849 LOAD FIXING)
WIND LOAD FIXING LOCATION (ELM)
GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED ISO LAMINATED CLEAR GLASS





B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2520 1068
E-mail: cmwal@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

MAIN CONTRACTOR :
裕民建築有限公司

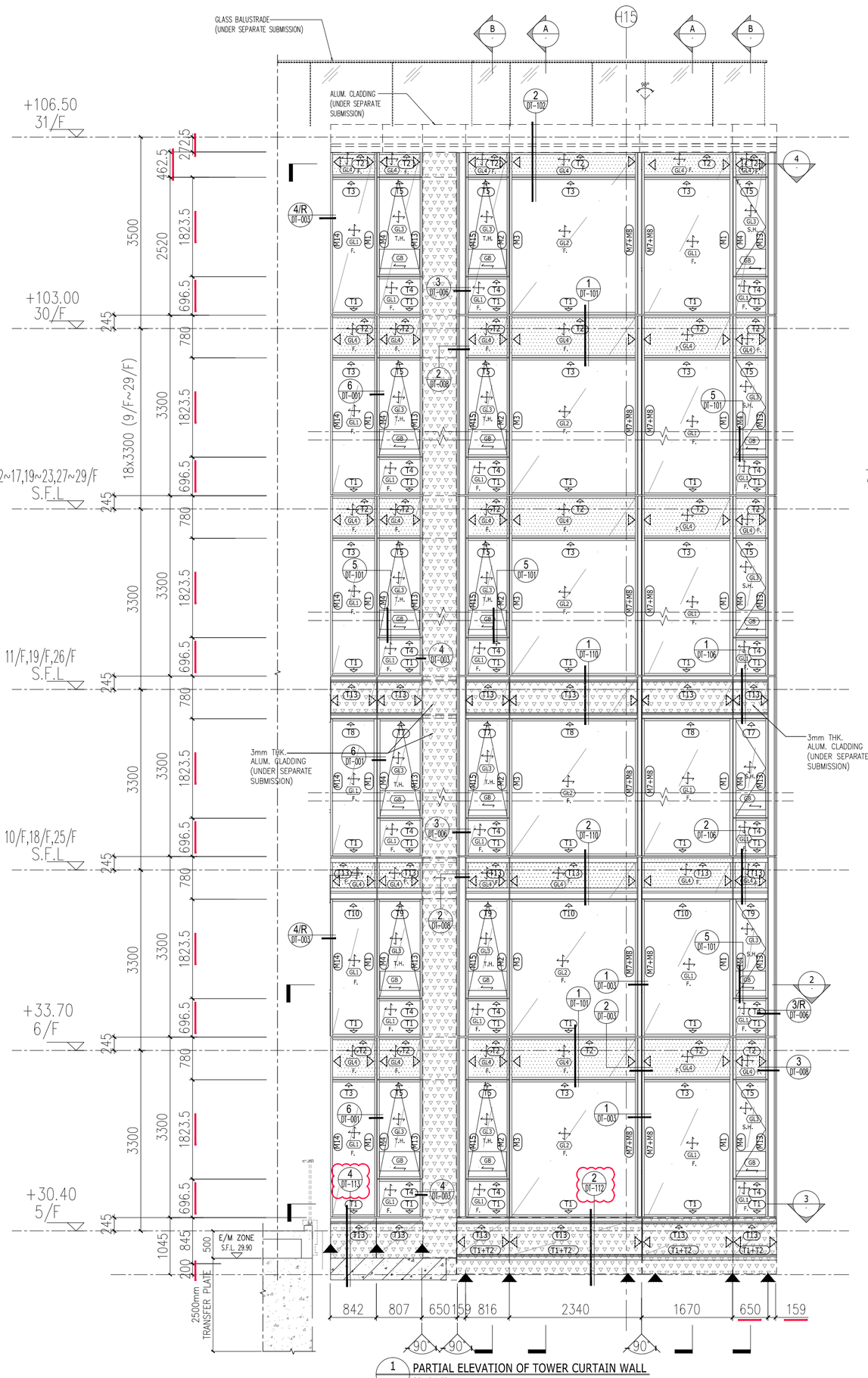
美特鋁質有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6-8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211-4 Fax:(852)27727666

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

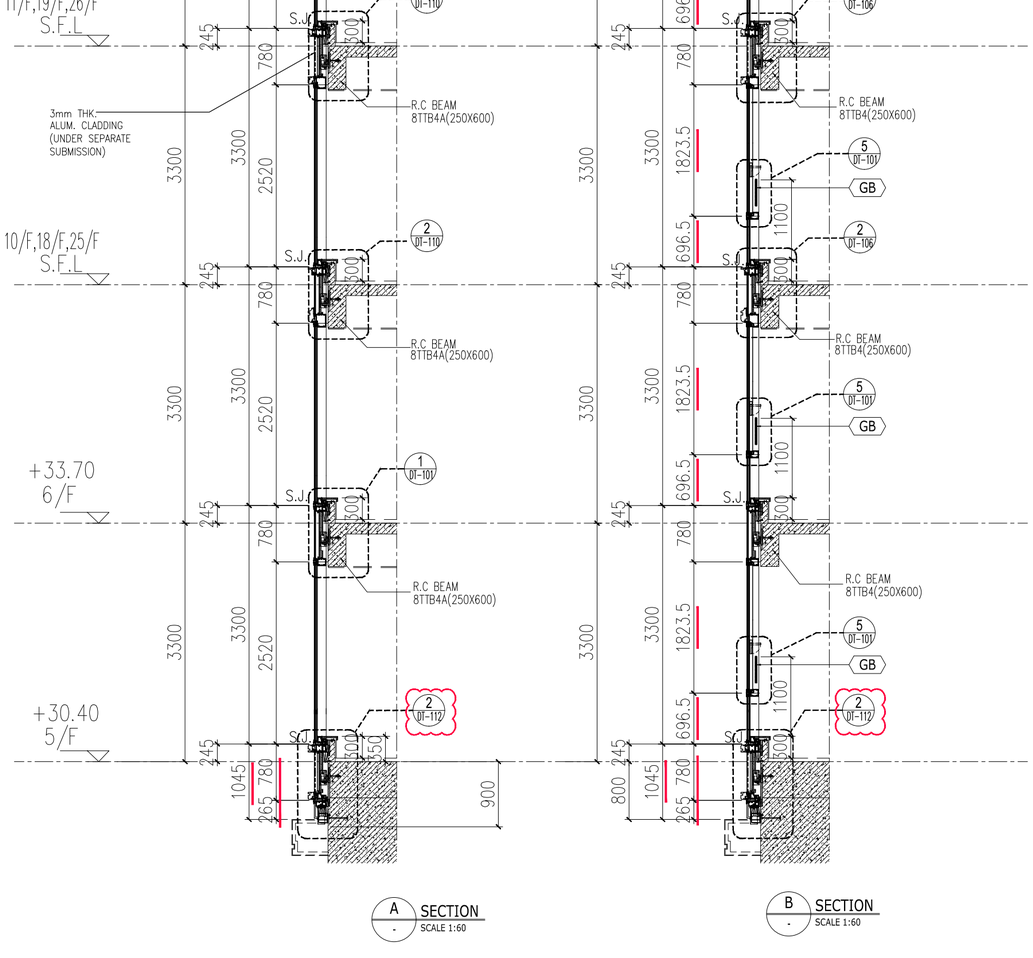
TITLE :
TOWER 7 & 8 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

DRAWN BY : AN	DATE : 18.Oct.2021
CHKD BY :	SCALE A1: AS SHOW A3:
DWG. NO. : BD-PE-008	REV. : B

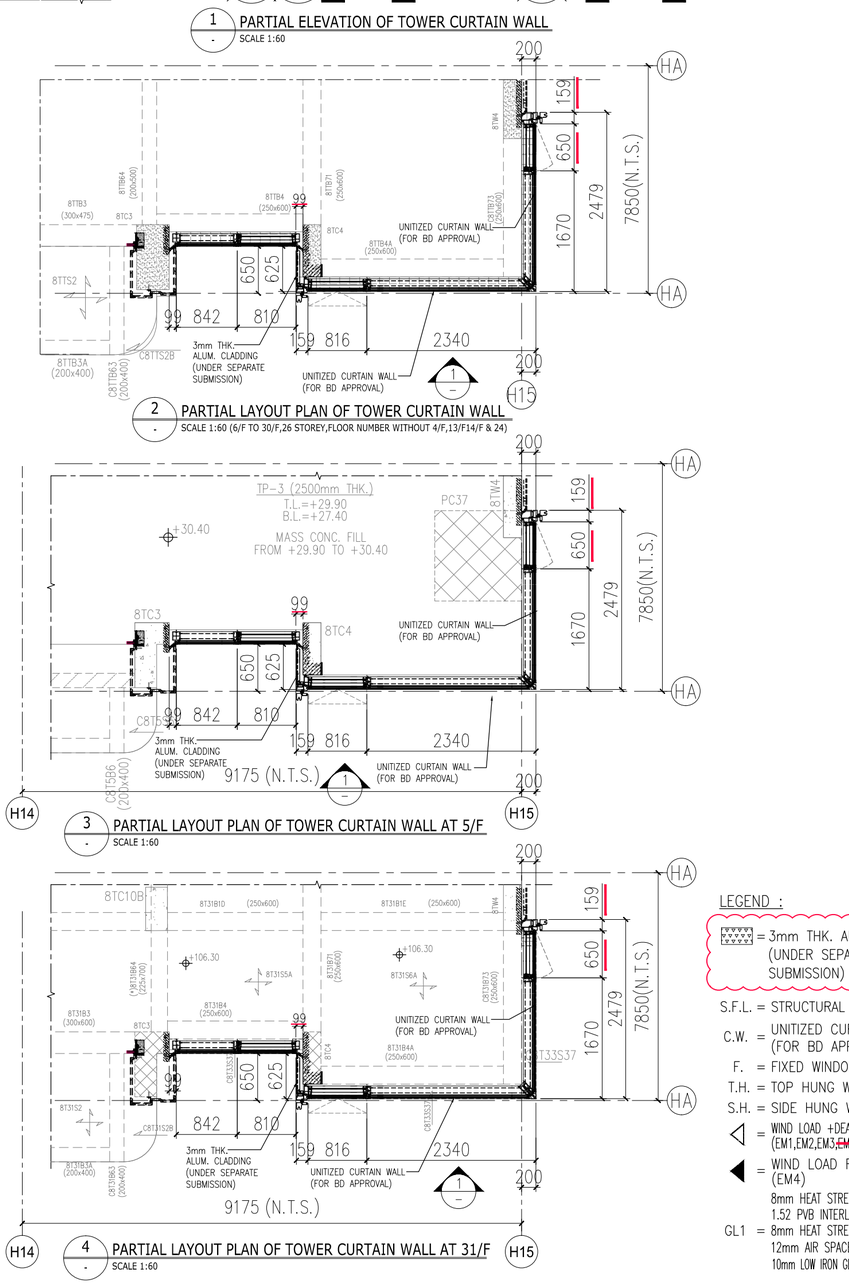


1 . PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:60



A . SECTION
SCALE 1:60

B . SECTION
SCALE 1:60



2 . PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:60 (6/F TO 30/F,26 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F14/F & 24)

3 . PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 5/F
SCALE 1:60

4 . PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 31/F
SCALE 1:60

FLOOR	LEVEL
R/F	+110.00
31/F	+106.50
30/F	+103.00
29/F	+99.70
28/F	+96.40
27/F	+93.10
26/F	+83.20
25/F	+86.50
23/F	+83.20
22/F	+79.90
21/F	+76.60
20/F	+73.30
19/F	+70.00
18/F	+66.70
17/F	+63.40
16/F	+60.10
15/F	+56.80
12/F	+53.50
11/F	+50.20
10/F	+46.90
9/F	+43.60
8/F	+40.30
7/F	+37.00
6/F	+33.70
5/F	+30.40

LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
▽ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM6,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)

GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 8mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

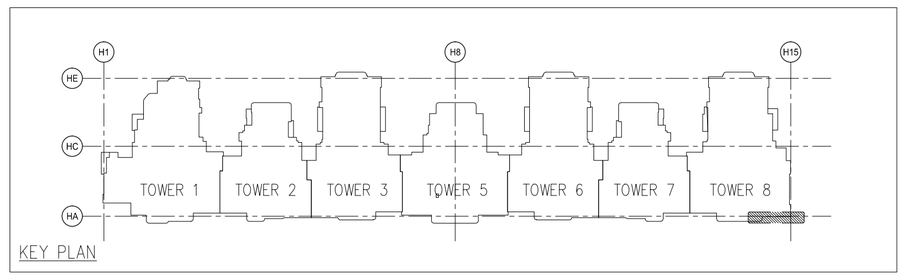
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS

GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)



KEY PLAN

BD AMENDMENT

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

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B.D. REF : BD 3/4056/19

F.S.D. REF :

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: 2882 2582 Fax: 2882 7084 E-mail: cmwa@cmwa.com

MAIN CONTRACTOR :
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Inhabit Inhabit Group Hong Kong
http://www.inhabitgroup.com

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MIDI ALUMINIUM FABRICATOR LTD.
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Tel:23489211-4 Fax:(852)27727666

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

TITLE :
TOWER 8 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

DRAWN BY : AN

DATE : 18.Oct.2021

CHKD BY :

SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-009

REV. : B

FLOOR	LEVEL
R/F	+110.00
31/F	+106.50
30/F	+103.00
29/F	+99.70
28/F	+96.40
27/F	+93.10
26/F	+83.20
25/F	+86.50
23/F	+83.20
22/F	+79.90
21/F	+76.60
20/F	+73.30
19/F	+70.00
18/F	+66.70
17/F	+63.40
16/F	+60.10
15/F	+56.80
12/F	+53.50
11/F	+50.20
10/F	+46.90
9/F	+43.60
8/F	+40.30
7/F	+37.00
6/F	+33.70
5/F	+30.40

T1 = EXTRUDED ALUM SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM INTERMEDIATE TRANSOM (AL14)

T7 = EXTRUDED ALUM TRANSOM (AL71)
T8 = EXTRUDED ALUM TRANSOM (AL72)
T9 = EXTRUDED ALUM TRANSOM (AL69)
T10 = EXTRUDED ALUM TRANSOM (AL70)
T11 = EXTRUDED ALUM INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL04)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)

M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED EQ LAMINATED CLEAR GLASS

GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED EQ LAMINATED CLEAR GLASS

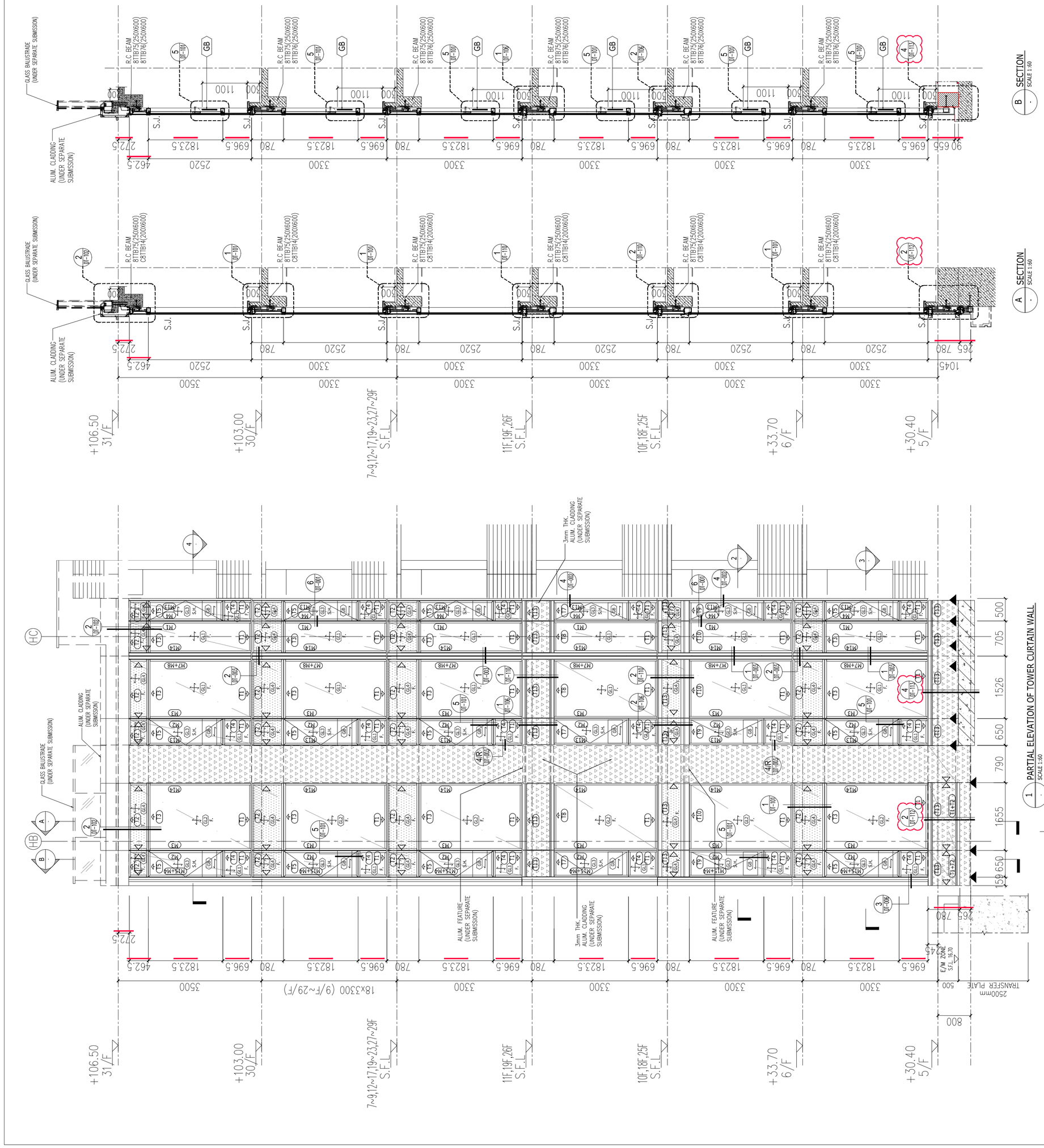
GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS

GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

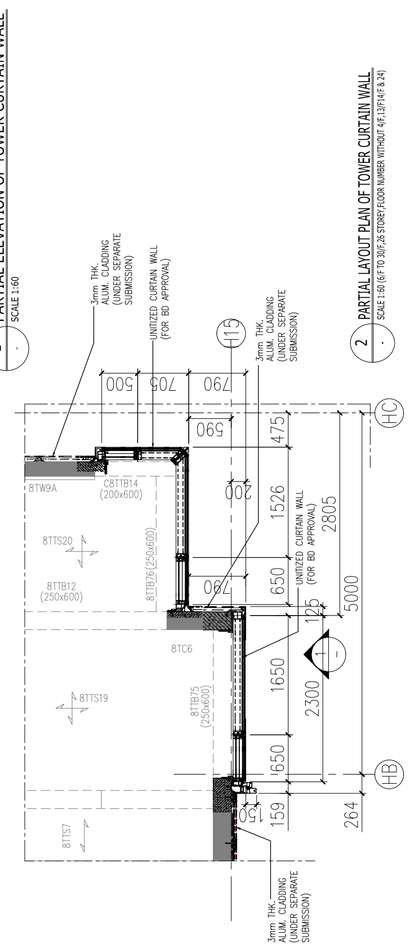
GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED EQ LAMINATED CLEAR GLASS

LEGEND :
3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
= WIND LOAD +HEAD LOAD FIXING LOCATION (EM1,EM2,EM3,EM4,EM5,EM6,EM7)
= WIND LOAD FIXING LOCATION (EM4)

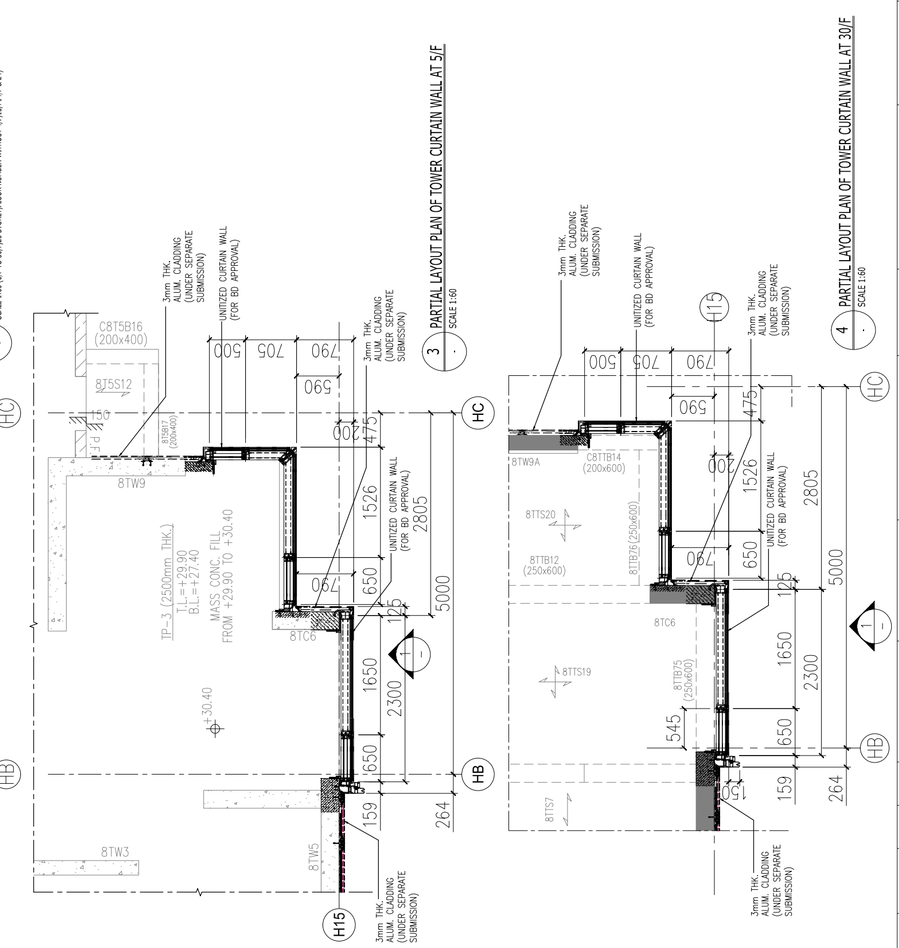


1 PARTIAL ELEVATION OF TOWER CURTAIN WALL SCALE 1:50

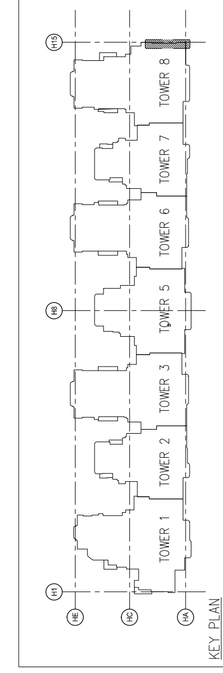


2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL SCALE 1:50 (refer to 30/F,26/F&19/F floor number without 4/F,13/F&14/F)

3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 5/F SCALE 1:50



4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 30/F SCALE 1:50



B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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Superstructure - Curtain Wall
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REV.	DATE	DESCRIPTION	BY
	04.Jul.2022	2nd AMENDMENT	
	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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ARCHITECTS | PLANNERS | INTERIOR DESIGNERS

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Units 6-8, Sunray Industrial Centre, 1/F
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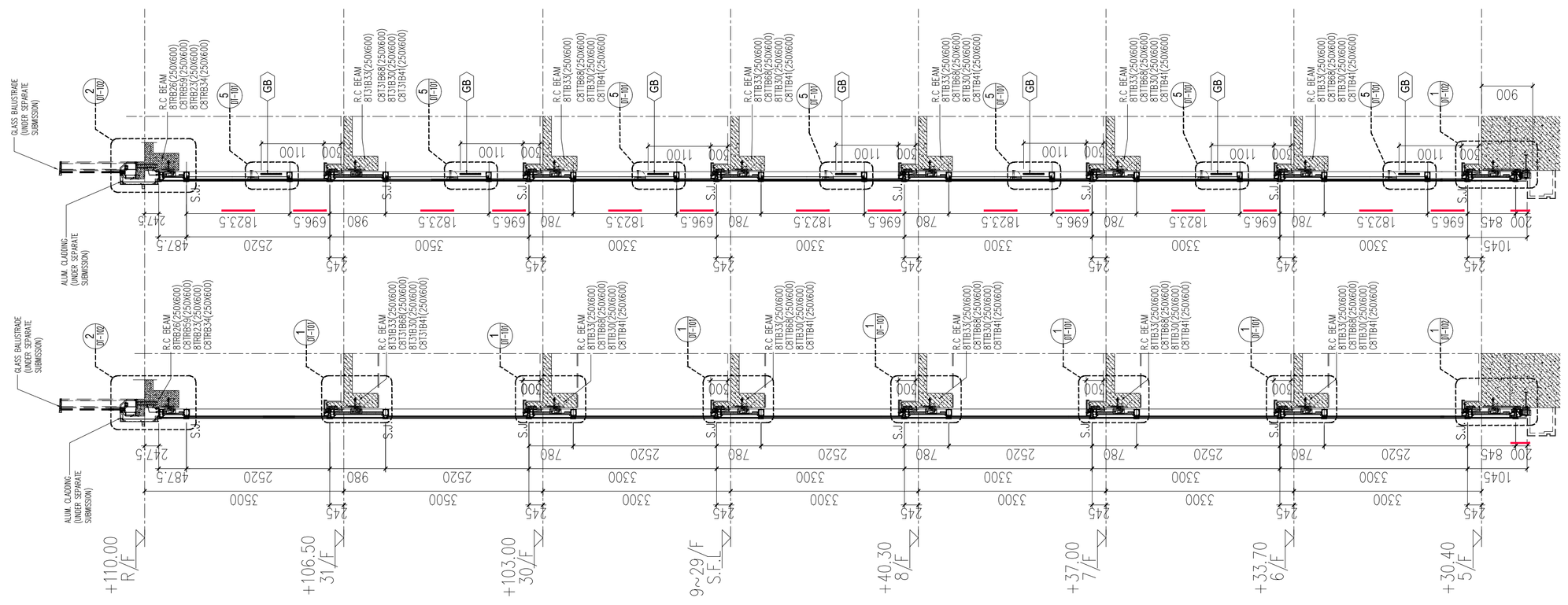
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 8 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

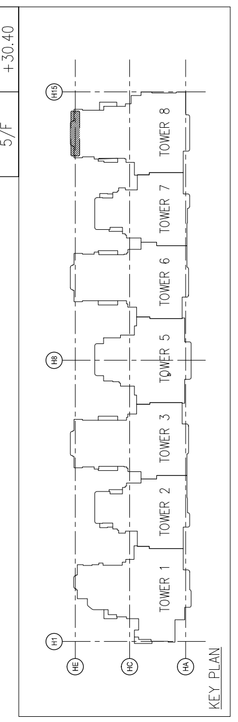
DRAWN BY : AN	DATE : 18.Oct.2021		
CHKD BY :	SCALE A1: AS SHOW A3:		
DWG. NO. : BD-PE-010	REV. : B		

FLOOR	LEVEL
R/F	+110.00
31/F	+106.50
30/F	+103.00
29/F	+99.70
28/F	+96.40
27/F	+93.10
26/F	+83.20
25/F	+86.50
23/F	+83.20
22/F	+79.90
21/F	+76.60
20/F	+73.30
19/F	+70.00
18/F	+66.70
17/F	+63.40
16/F	+60.10
15/F	+56.80
12/F	+53.50
11/F	+50.20
10/F	+46.90
9/F	+43.60
8/F	+40.30
7/F	+37.00
6/F	+33.70
5/F	+30.40



B SECTION
SCALE 1:60

A SECTION
SCALE 1:60



LEGEND :

3mm THK ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
▽ = WIND LOAD (HEAD LOAD FIXING LOCATION (DM1,DM2,DM3,DM4,DM5,DM7)
▼ = DEAD LOAD FIXING LOCATION (DM4)

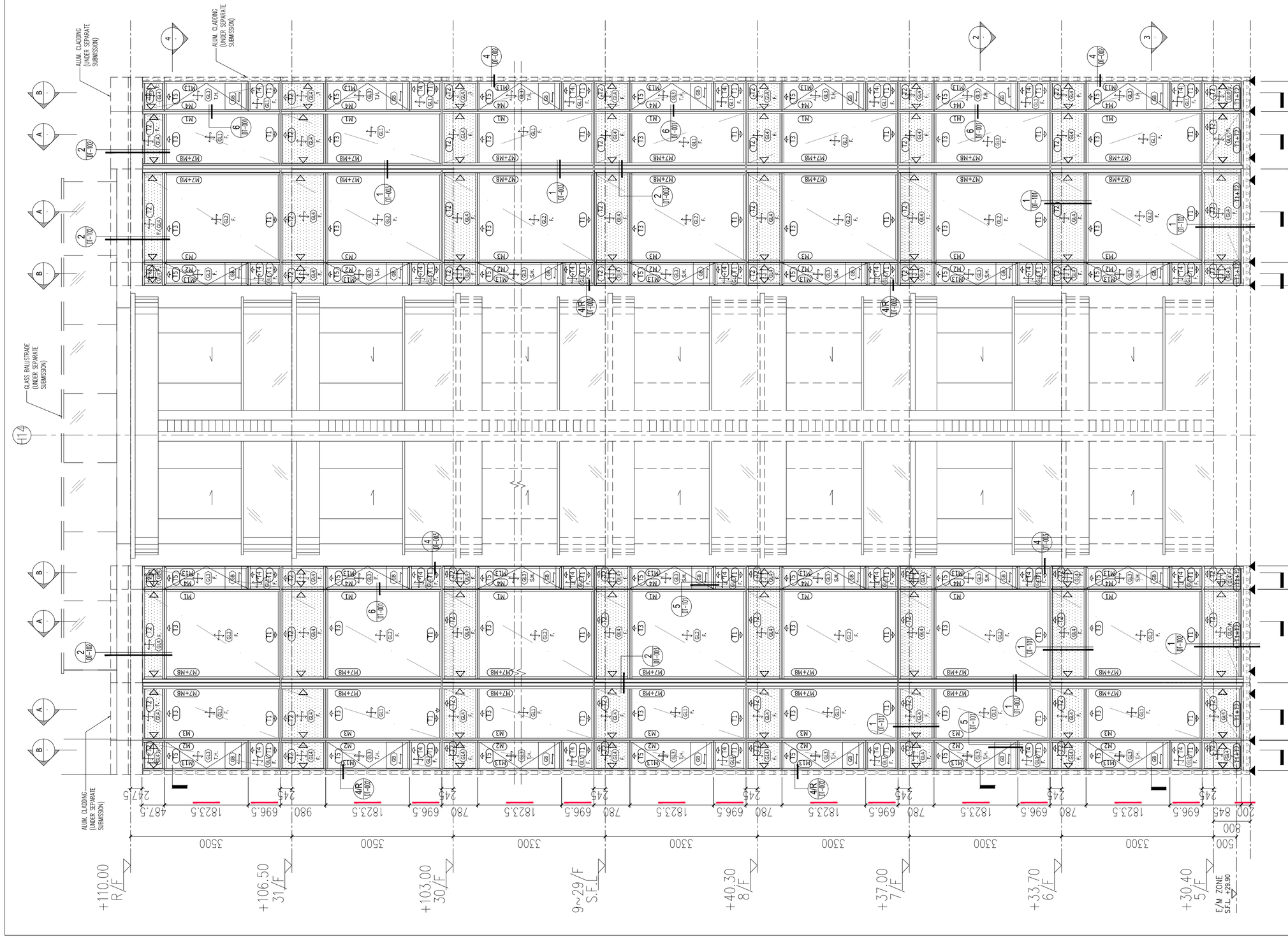
GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED ISO LAMINATED CLEAR GLASS
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED ISO LAMINATED CLEAR GLASS
GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS
GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)
GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED ISO LAMINATED CLEAR GLASS

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (ALI3)
M2 = EXTRUDED ALUM. MALE MULLION (ALI3A)
M3 = EXTRUDED ALUM. FEMALE MULLION (ALI4)
M4 = EXTRUDED ALUM. FEMALE MULLION (ALI4A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (ALI7)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (ALI8)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (ALI6)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (ALI5)

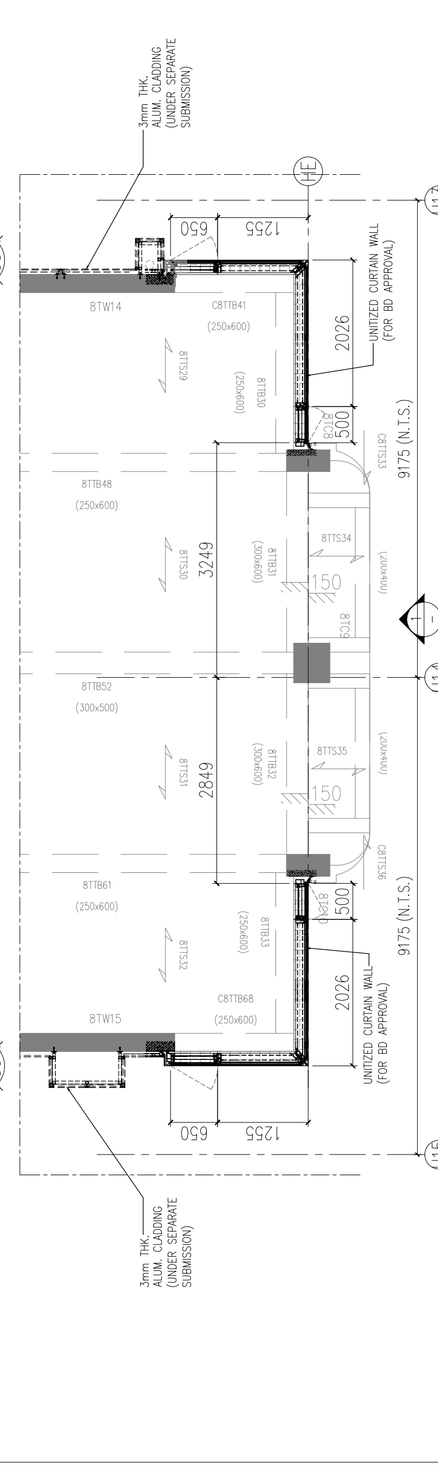
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (ALI5)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (ALI6)
M15 = EXTRUDED ALUM. MALE MULLION (ALI7)
M16 = EXTRUDED ALUM. FEMALE MULLION (ALI8)

T1 = EXTRUDED ALUM. SILL STACK JOINT (ALI1)
T2 = EXTRUDED ALUM CUTTER STACK JOINT (ALI2)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (ALI3)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (ALI5)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (ALI4)

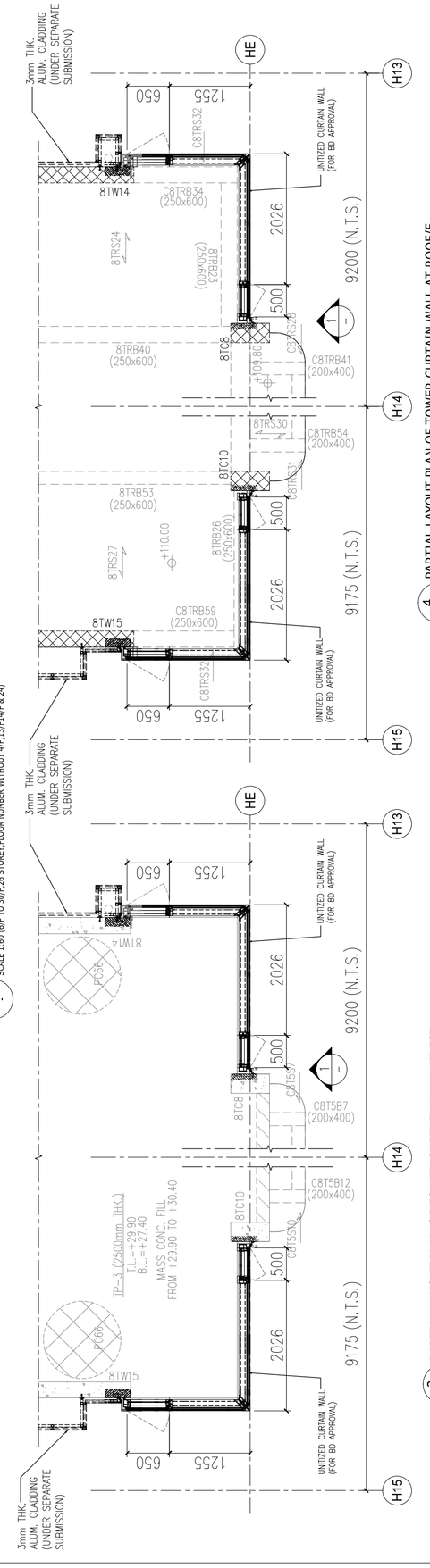
T7 = EXTRUDED ALUM. TRANSOM (ALI1)
T8 = EXTRUDED ALUM. TRANSOM (ALI2)
T9 = EXTRUDED ALUM. TRANSOM (ALI9)
T10 = EXTRUDED ALUM. TRANSOM (ALI0)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(ALI06)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(ALI07)
T13 = EXTRUDED ALUM CUTTER STACK JOINT (ALI05)



1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:60



2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:60 FOR 30/F,29/F(DOOR NUMBER WITHOUT 401,402,403 & 404)



4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT ROOF/F
SCALE 1:60

3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 5/F
SCALE 1:60

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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Superstructure - Curtain Wall
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A	01.Nov.2021	1st AMENDMENT	

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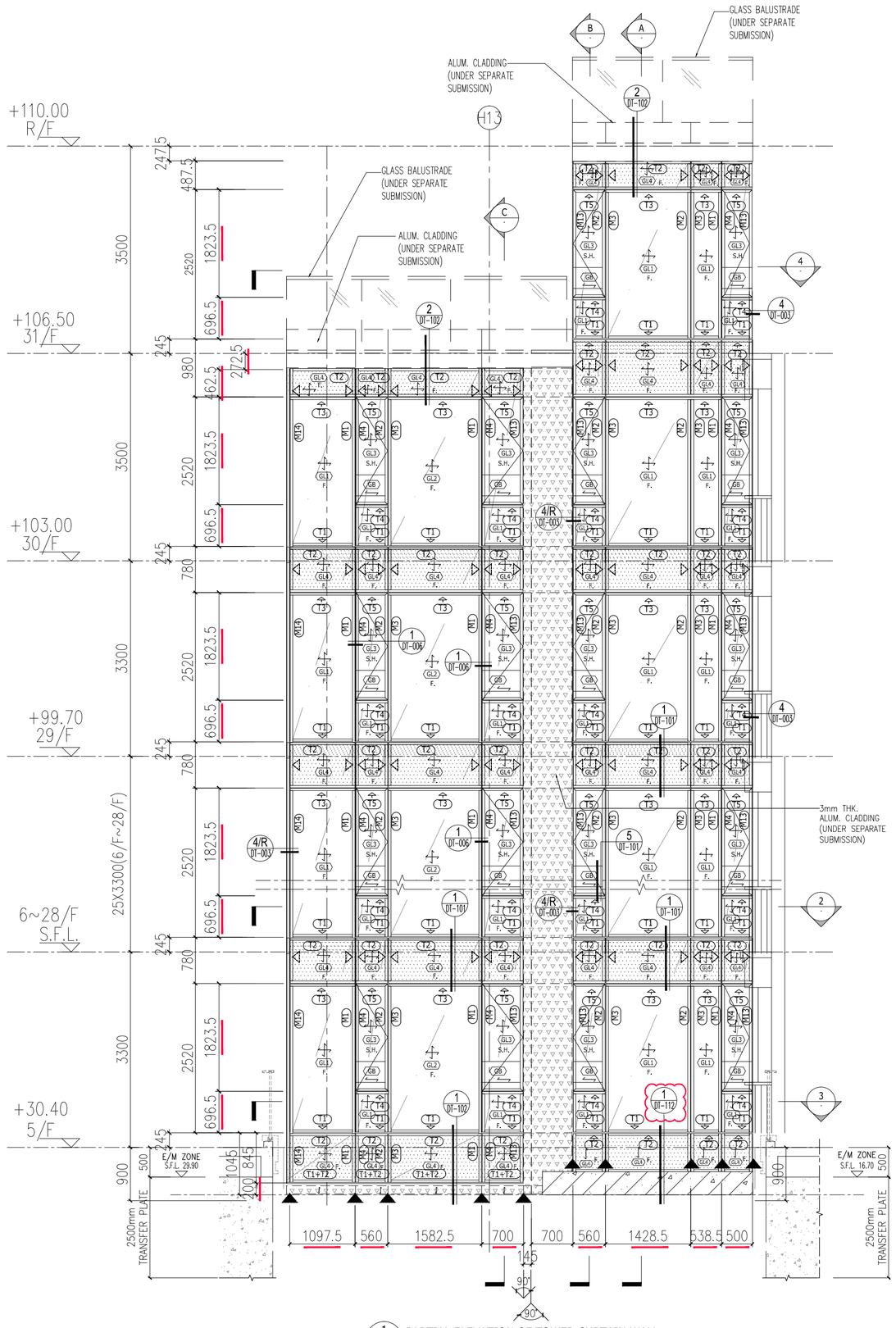
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 8 PARTIAL ELEVATION PLAN & SECTION

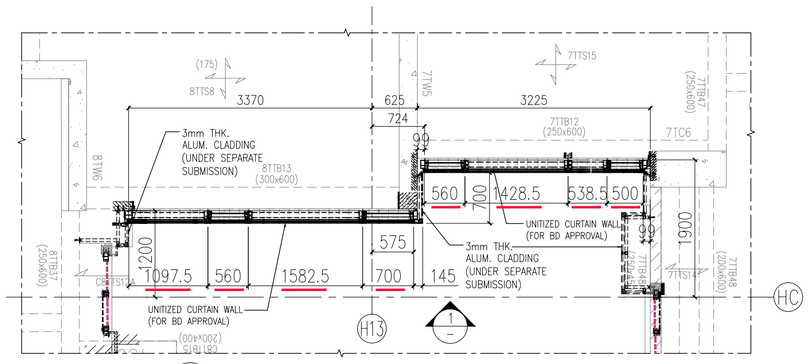
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

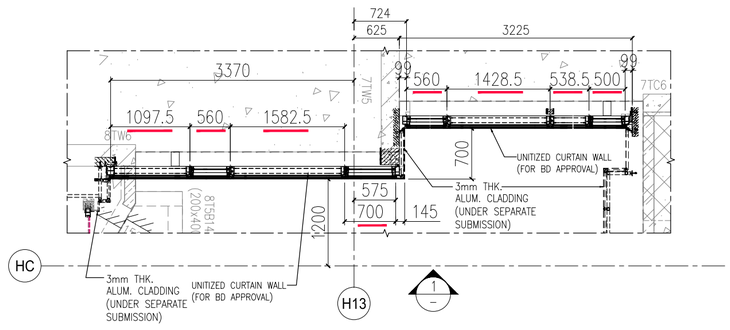
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REV. : B



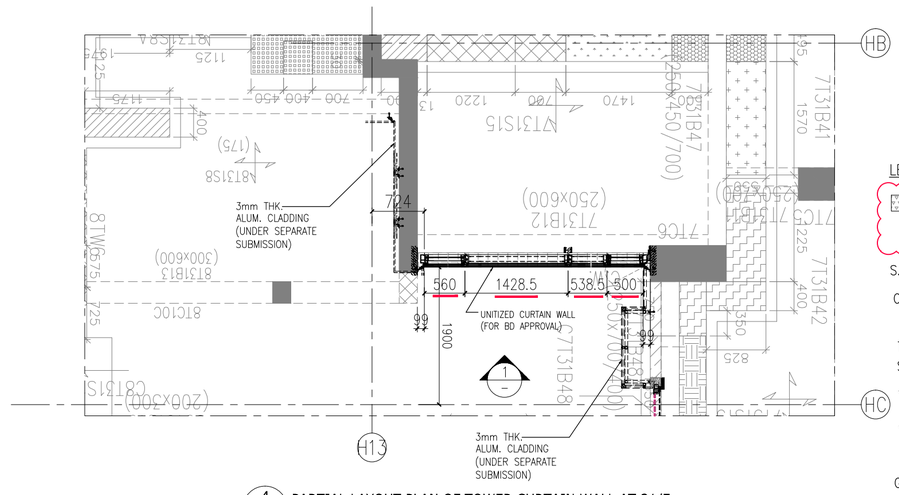
1 / - PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:60



2 / - PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:60 (6/F TO 30/F,28 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F14/F & 24)



3 / - PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 5/F
SCALE 1:60



4 / - PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 31/F
SCALE 1:60

LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
▽ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM6,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)

GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

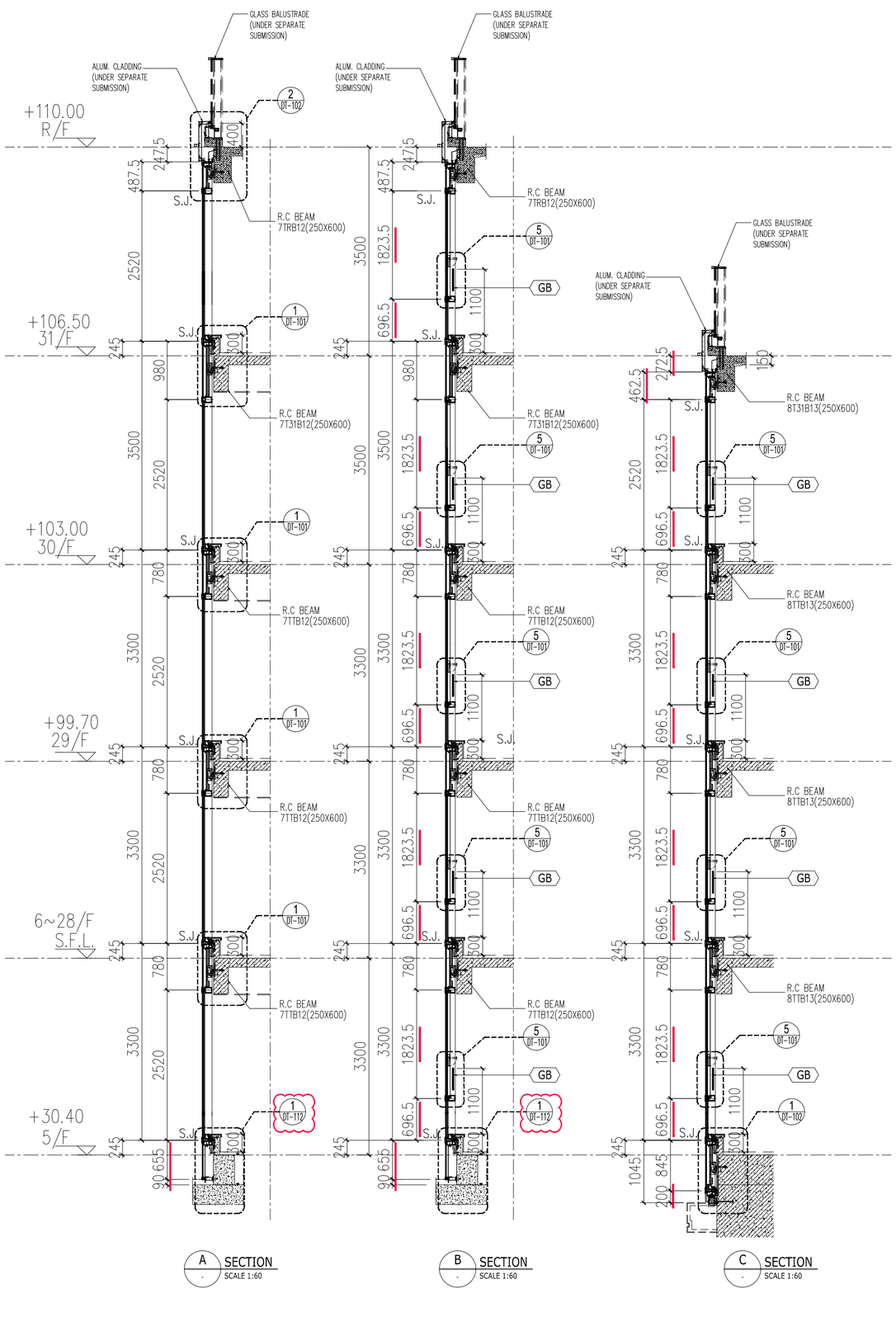
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS

GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

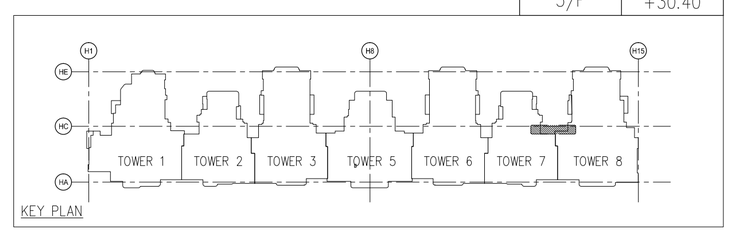


A / - SECTION
SCALE 1:60

B / - SECTION
SCALE 1:60

C / - SECTION
SCALE 1:60

FLOOR	LEVEL
R/F	+110.00
31/F	+106.50
30/F	+103.00
29/F	+99.70
28/F	+96.40
27/F	+93.10
26/F	+83.20
25/F	+86.50
23/F	+83.20
22/F	+79.90
21/F	+76.60
20/F	+73.30
19/F	+70.00
18/F	+66.70
17/F	+63.40
16/F	+60.10
15/F	+56.80
12/F	+53.50
11/F	+50.20
10/F	+46.90
9/F	+43.60
8/F	+40.30
7/F	+37.00
6/F	+33.70
5/F	+30.40



KEY PLAN

BD AMENDMENT

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Superstructure - Curtain Wall
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E-mail: cmwall@cmwal.com

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inhabit Inhabit Group Hong Kong
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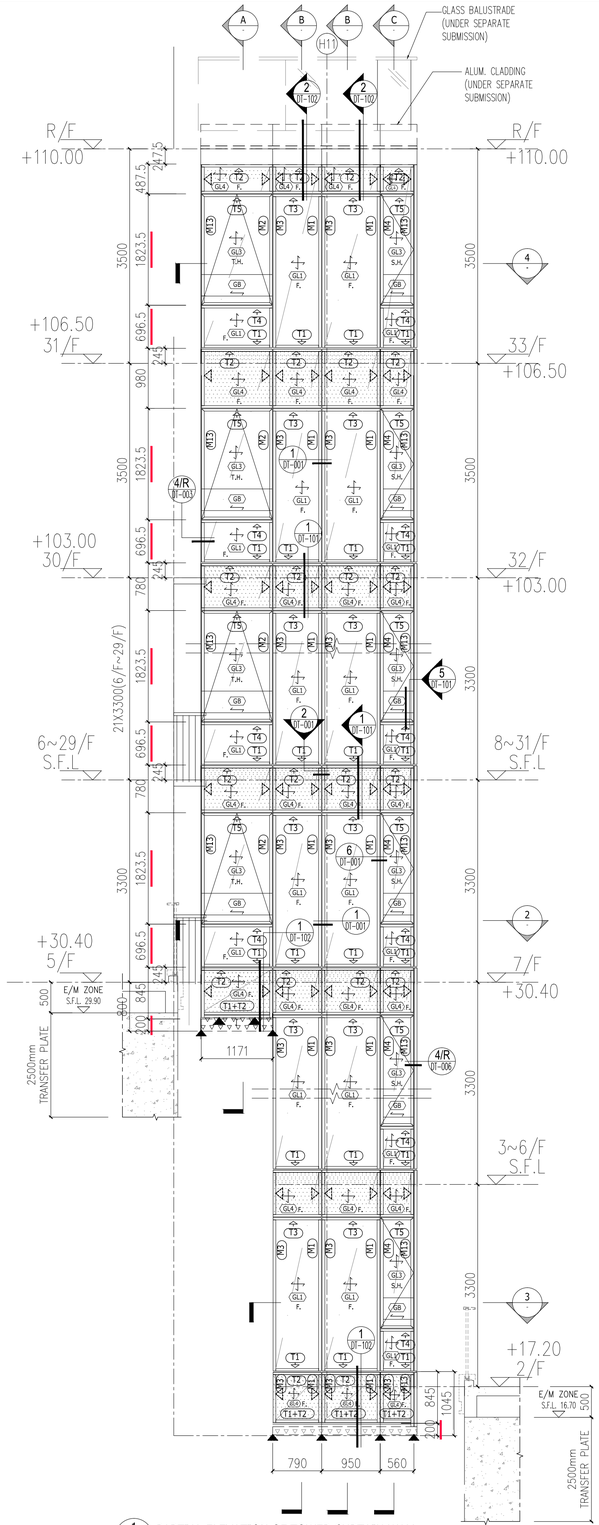
美特銘實有限公司
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Tel:23489211-4 Fax:(852)27727666

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

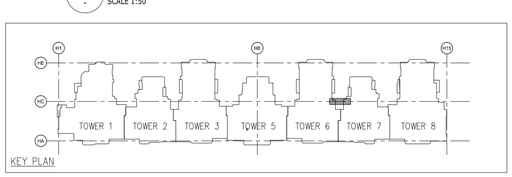
TITLE : TOWER 7 & 8 PARTIAL ELEVATION PLAN & SECTION

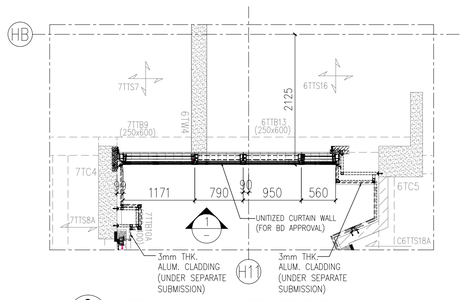
JOB NO. : 12156
DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:
DWG. NO. : BD-PE-012
REV. : B

B.D. REF : BD 3/4056/19
F.S.D. REF :

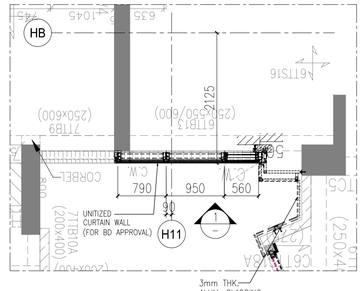


1 . PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:50

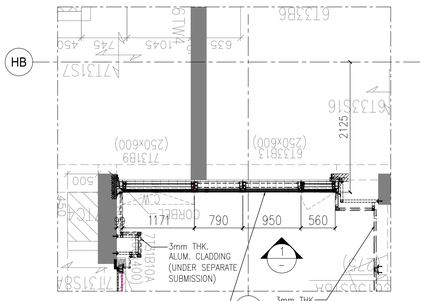




2 . PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:50 (7/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 13/F,14/F & 24) FOR TOWER 6
(5/F TO 30/F,28 STOREY,FLOOR NUMBER WITHOUT 13/F,14/F & 24) FOR TOWER 7

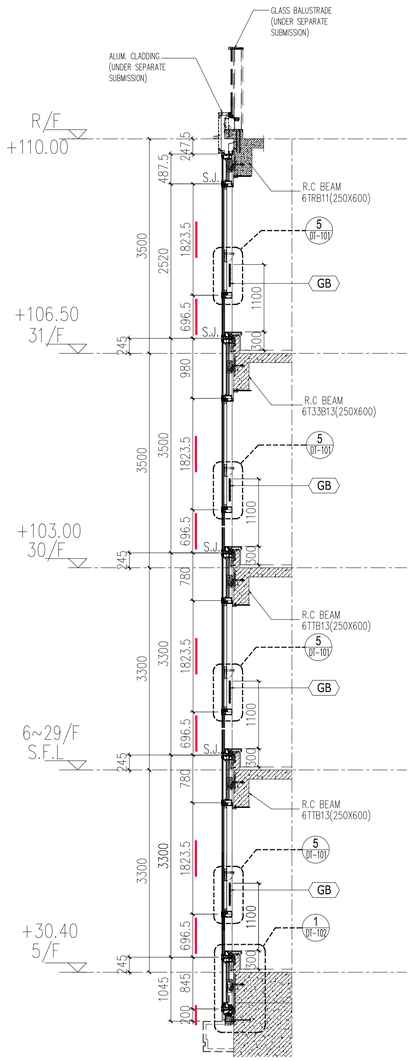


3 . PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 6/F
SCALE 1:50

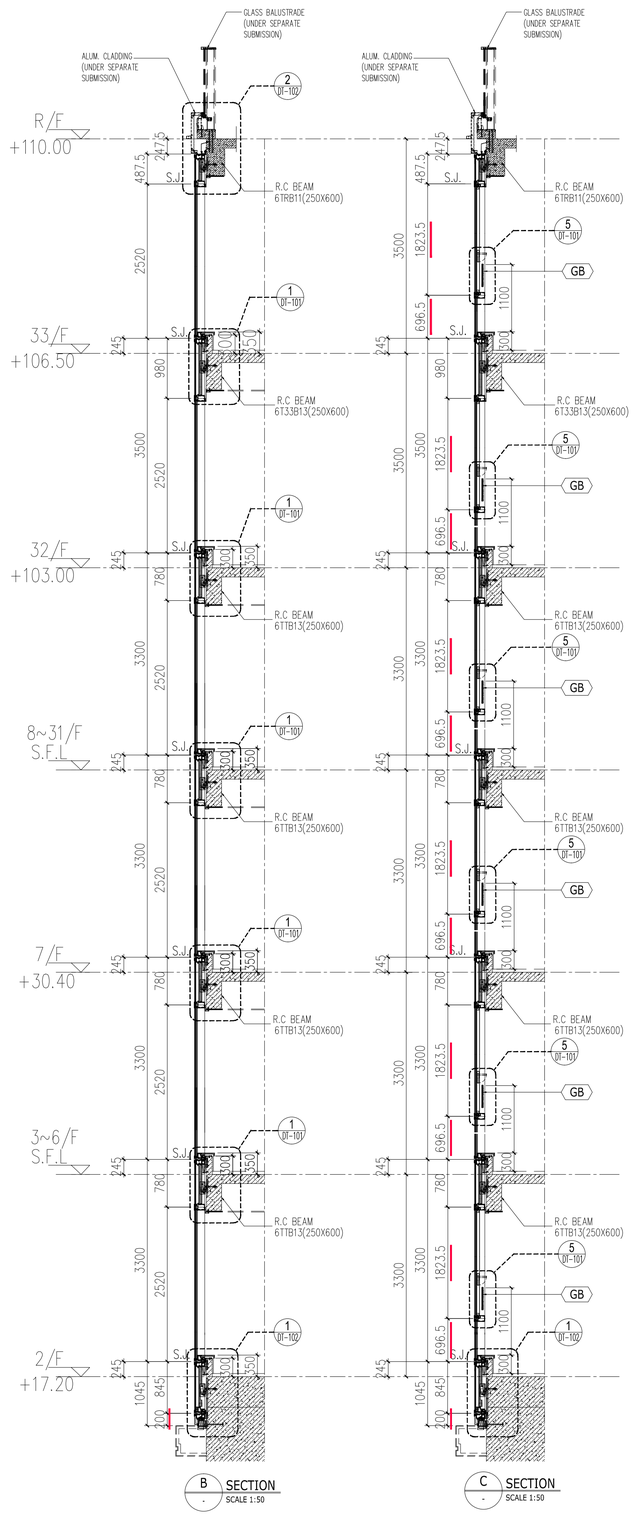


4 . PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 33/F
SCALE 1:50

FLOOR	LEVEL	FLOOR	LEVEL
R/F	+110.00	R/F	+110.00
31/F	+106.50	33/F	+106.50
30/F	+103.00	32/F	+103.00
29/F	+99.70	31/F	+99.70
28/F	+96.40	30/F	+96.40
27/F	+93.10	29/F	+93.10
26/F	+83.20	28/F	+83.20
25/F	+86.50	27/F	+86.50
23/F	+83.20	26/F	+83.20
22/F	+79.90	25/F	+79.90
21/F	+76.60	23/F	+76.60
20/F	+73.30	22/F	+73.30
19/F	+70.00	21/F	+70.00
18/F	+66.70	20/F	+66.70
17/F	+63.40	19/F	+63.40
16/F	+60.10	18/F	+60.10
15/F	+56.80	17/F	+56.80
12/F	+53.50	16/F	+53.50
11/F	+50.20	15/F	+50.20
10/F	+46.90	12/F	+46.90
9/F	+43.60	11/F	+43.60
8/F	+40.30	10/F	+40.30
7/F	+37.00	9/F	+37.00
6/F	+33.70	8/F	+33.70
5/F	+30.40	7/F	+30.40
		6/F	+27.10
		5/F	+23.80
		3/F	+20.50
		2/F	+17.20



A . SECTION
SCALE 1:50



B . SECTION
SCALE 1:50

C . SECTION
SCALE 1:50

LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,EM5,EM6,EM7)
◀ = WIND LOAD FIXING LOCATION (EM4)

GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS

GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL66)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
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M15 = EXTRUDED ALUM. MALE MULLION (AL67)
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T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

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REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
E-mail: cmwa@cmwal.com

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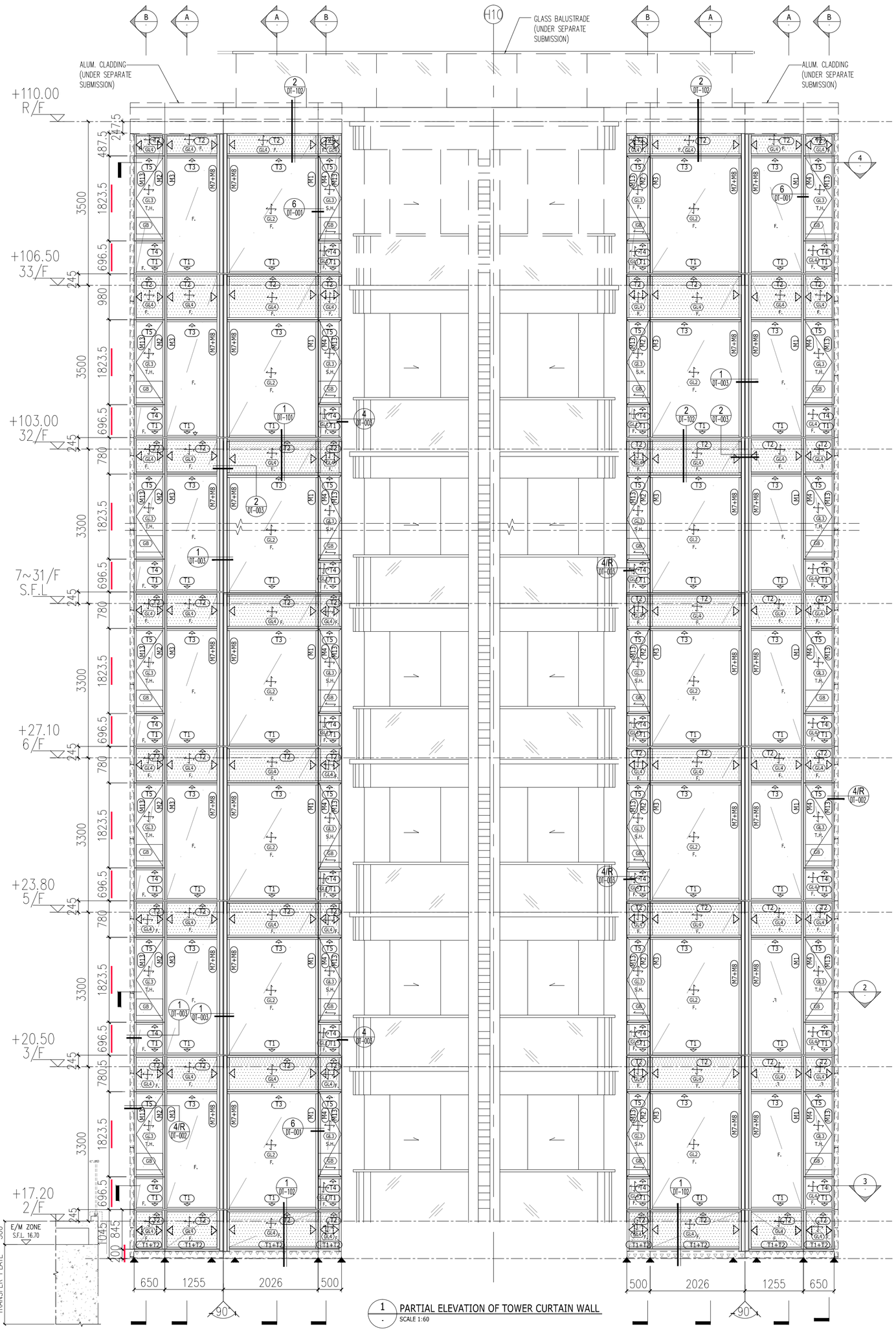
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 6 & 7 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

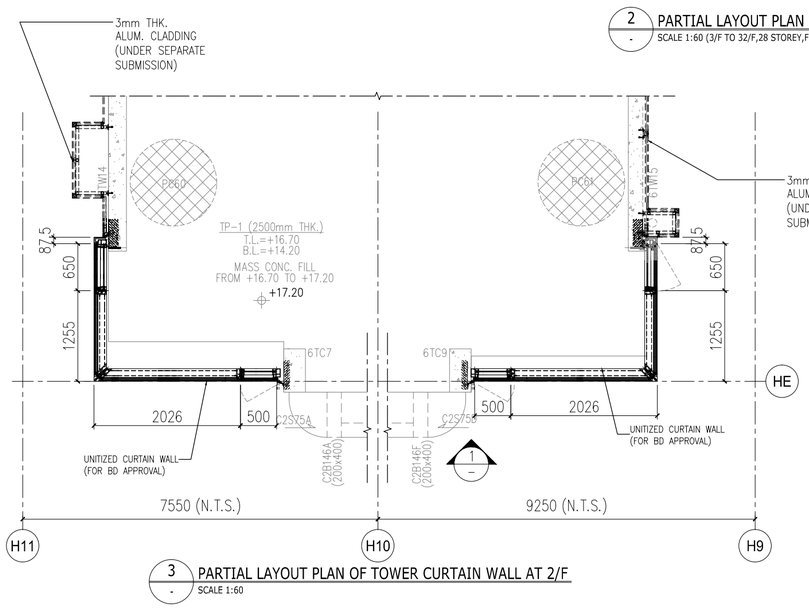
DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-013
REV. : B

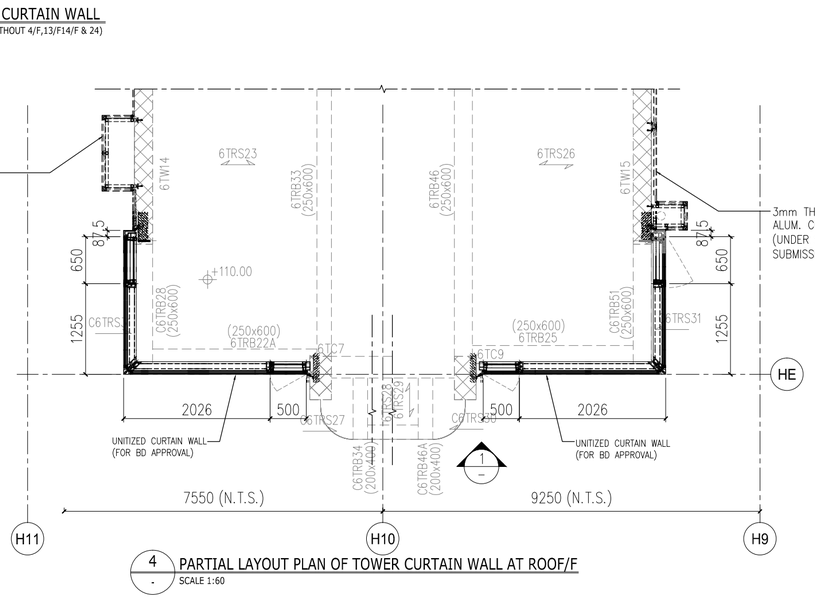


1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:60

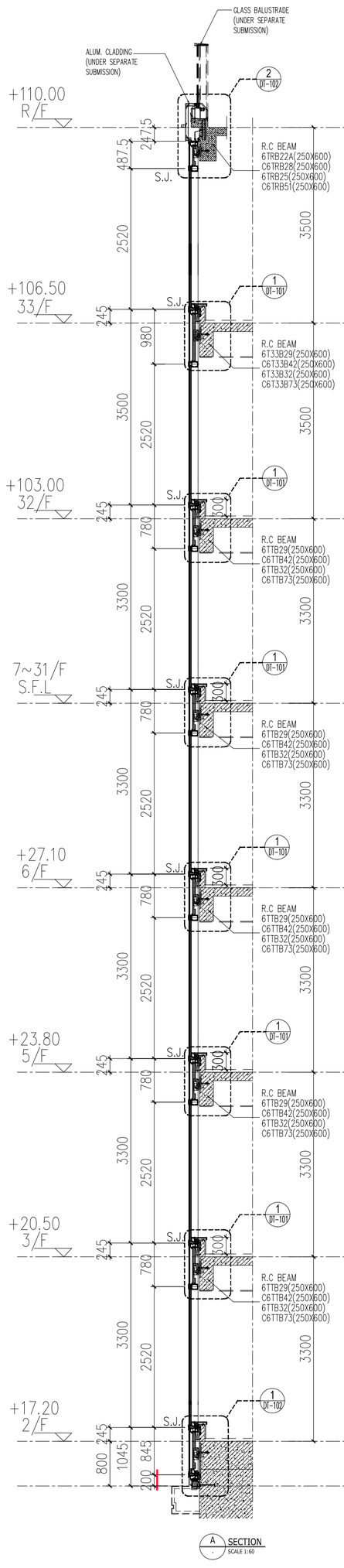
2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:60 (3/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F&14/F & 24)



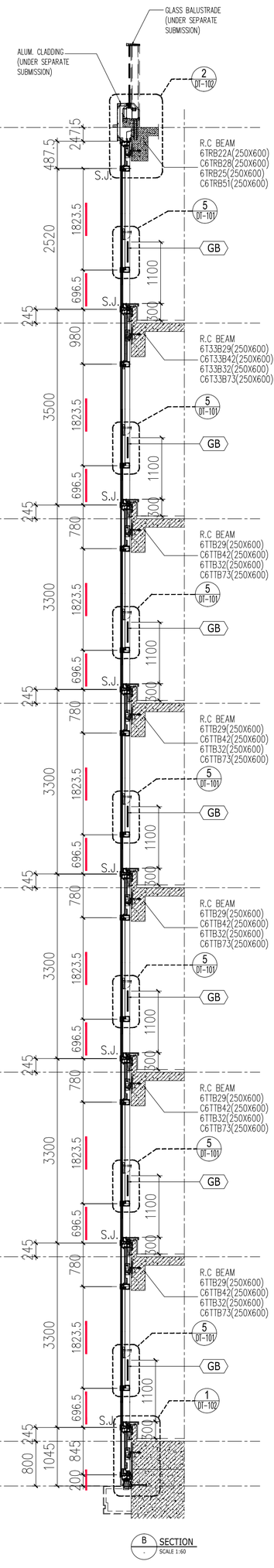
3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:60



4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT ROOF/F
SCALE 1:60

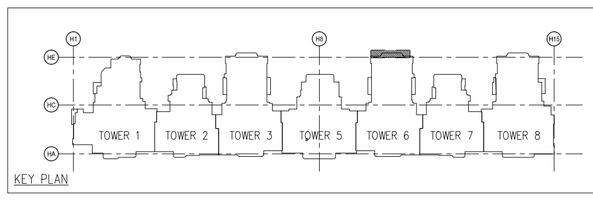


A SECTION
SCALE 1:60



B SECTION
SCALE 1:60

FLOOR	LEVEL	FLOOR	LEVEL
R/F	+110.00	18/F	+60.10
33/F	+106.50	17/F	+56.80
32/F	+103.00	16/F	+53.50
31/F	+99.70	15/F	+50.20
30/F	+96.40	12/F	+46.90
29/F	+93.10	11/F	+43.60
28/F	+83.20	10/F	+40.30
27/F	+86.50	9/F	+37.00
26/F	+83.20	8/F	+33.70
25/F	+79.90	7/F	+30.40
23/F	+76.60	6/F	+27.10
22/F	+73.30	5/F	+23.80
21/F	+70.00	3/F	+20.50
20/F	+66.70	2/F	+17.20
19/F	+63.40		



KEY PLAN

LEGEND :

▨ = 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
▽ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM6,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)
GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL4 = 8mm FULLY TEMPERED LAMINATED GLASS 1.52 PVB INTERLAYER 8mm FULLY TEMPERED LAMINATED GLASS
GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
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M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
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M16 EXTRUDED ALUM. FEMALE MULLION (AL68)

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T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure – Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

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B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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C M WONG & ASSOCIATES LTD
TEL:(852)2554 1068 E-mail: cmwa@cmwal.com

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MAIN CONTRACTOR :
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Inhabit Group Hong Kong
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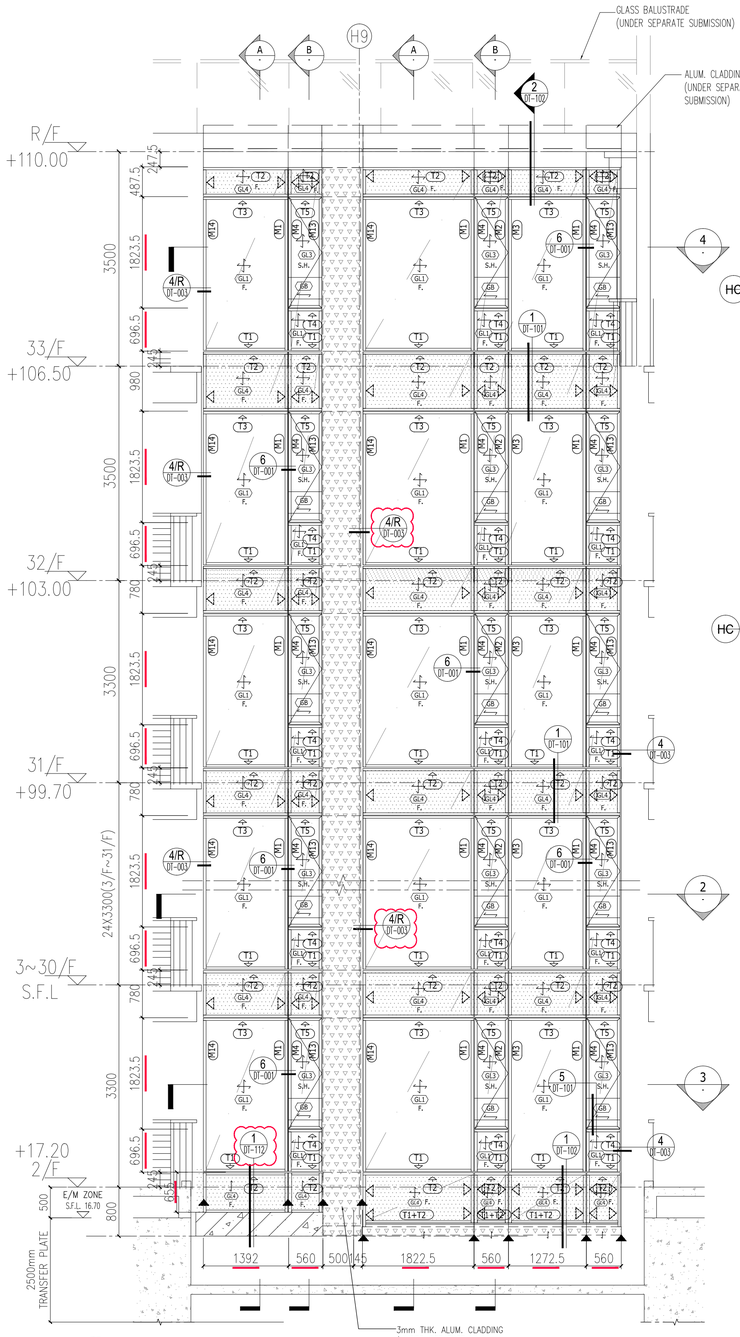
美特貿有限公司
MIDI ALUMINIUM FABRICATOR LTD.
Units 6–8, Sunray Industrial Centre, 1/F
610 Cha Kwo Ling Road, Kowloon
Tel:23489211–4 Fax:(852)27727666

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

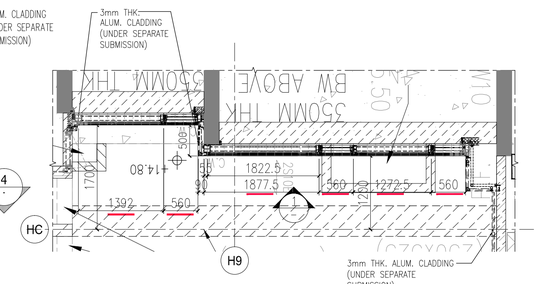
TITLE :
TOWER 6 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156
DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:
DWG. NO. : BD-PE-014
REV. : B

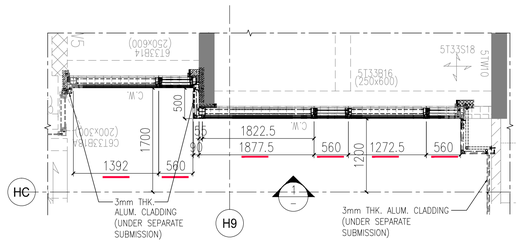
B.D. REF : BD 3/4056/19
F.S.D. REF :



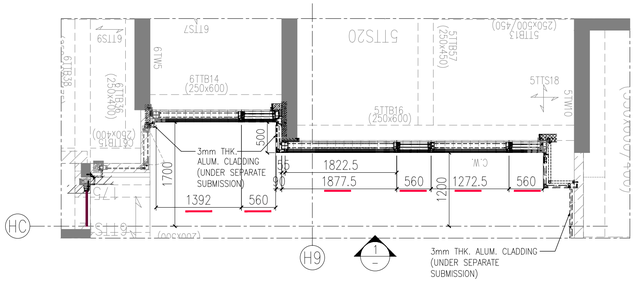
1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:50



3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:50

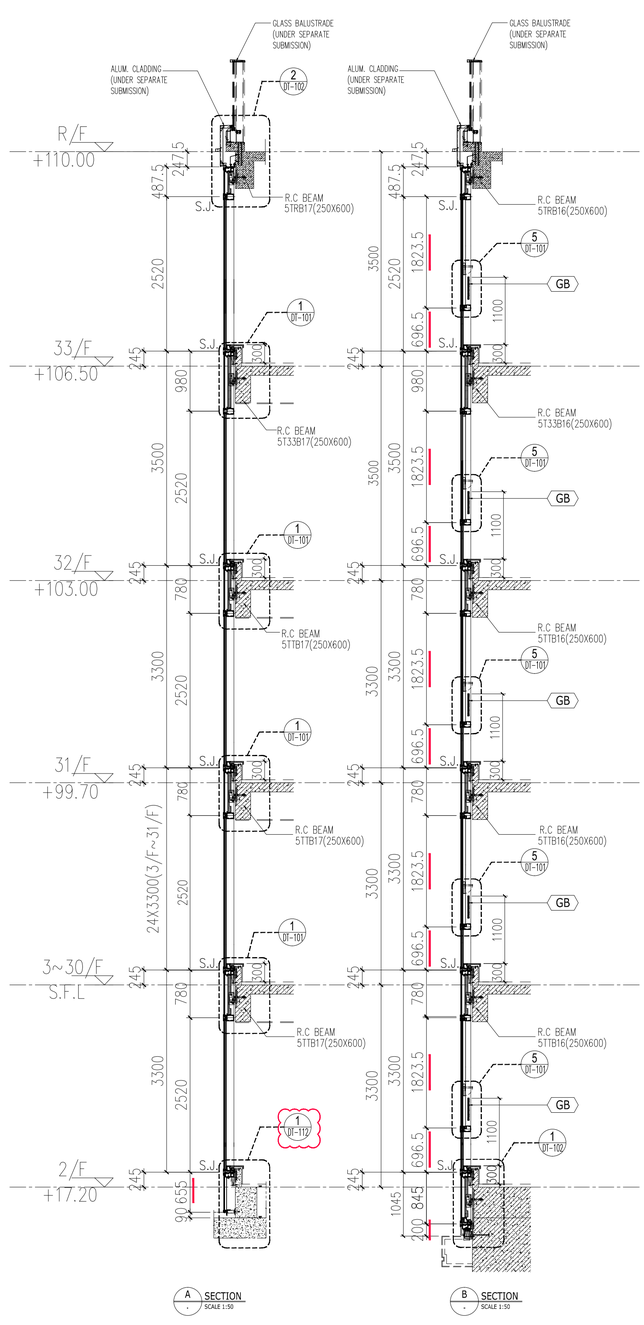


4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 33/F
SCALE 1:50



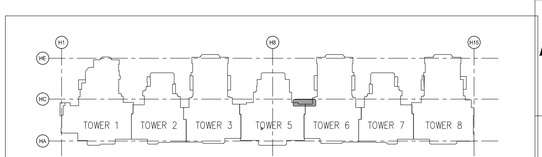
2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:50 (3/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F14/F & 24)

FLOOR	LEVEL	FLOOR	LEVEL
R/F	+110.00	19/F	+63.40
33/F	+106.50	18/F	+60.10
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21/F	+70.00	5/F	+23.80
20/F	+66.70	3/F	+20.50
		2/F	+17.20



A SECTION
SCALE 1:50

B SECTION
SCALE 1:50



LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

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8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER
GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
8mm FULLY TEMPERED LAMINATED GLASS
GL4 = 1.52 PVB INTERLAYER
8mm FULLY TEMPERED LAMINATED GLASS
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B.D. REF : BD 3/4056/19

F.S.D. REF :

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REV.	DATE	DESCRIPTION	BY
B	03.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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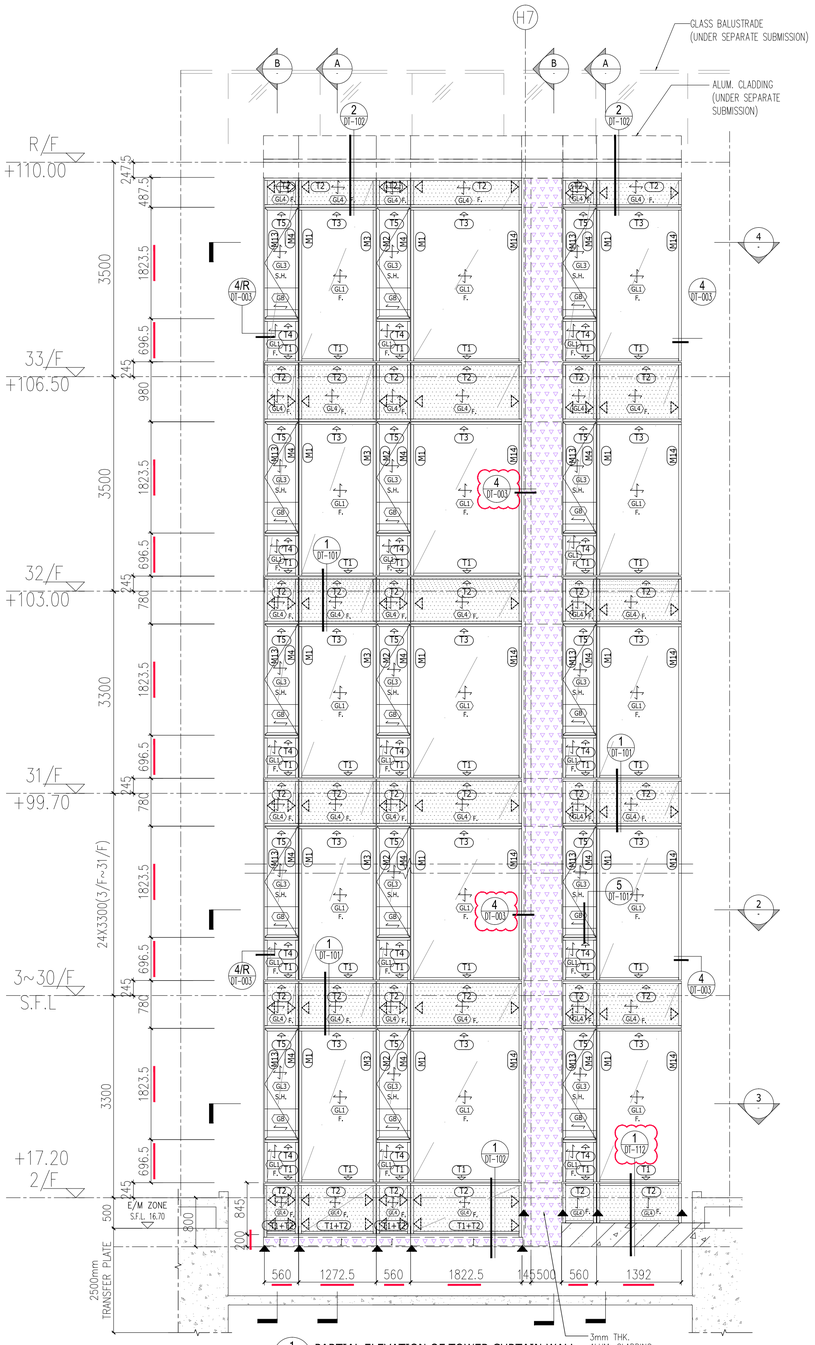
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 6 PARTIAL ELEVATION PLAN & SECTION

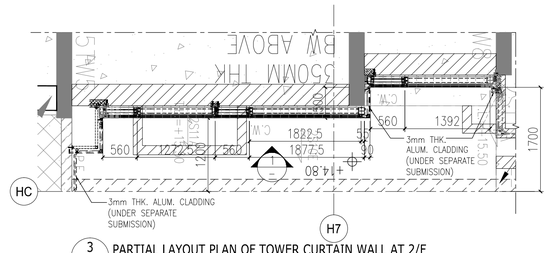
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

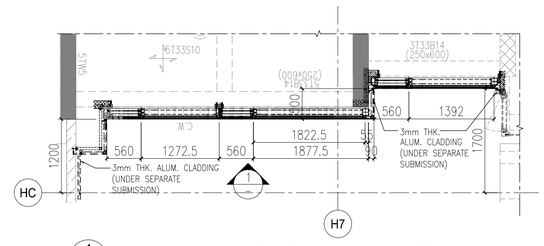
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REV. : B



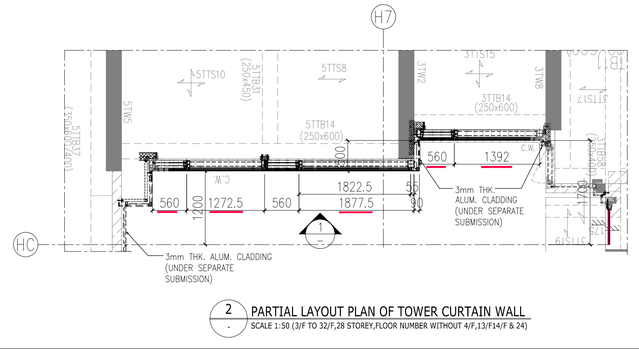
1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:50



3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:50

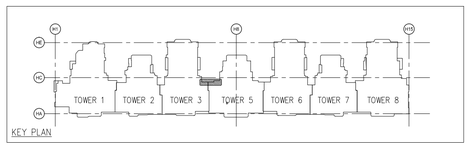


4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 33/F
SCALE 1:50



2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:50 (3/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F14/F & 24)

FLOOR	LEVEL
R/F	+110.00
33/F	+106.50
32/F	+103.00
31/F	+99.70
30/F	+96.40
29/F	+93.10
28/F	+83.20
27/F	+86.50
26/F	+83.20
25/F	+79.90
23/F	+76.60
22/F	+73.30
21/F	+70.00
20/F	+66.70
19/F	+63.40
18/F	+60.10
17/F	+56.80
16/F	+53.50
15/F	+50.20
12/F	+46.90
11/F	+43.60
10/F	+40.30
9/F	+37.00
8/F	+33.70
7/F	+30.40
6/F	+27.10
5/F	+23.80
3/F	+20.50
2/F	+17.20



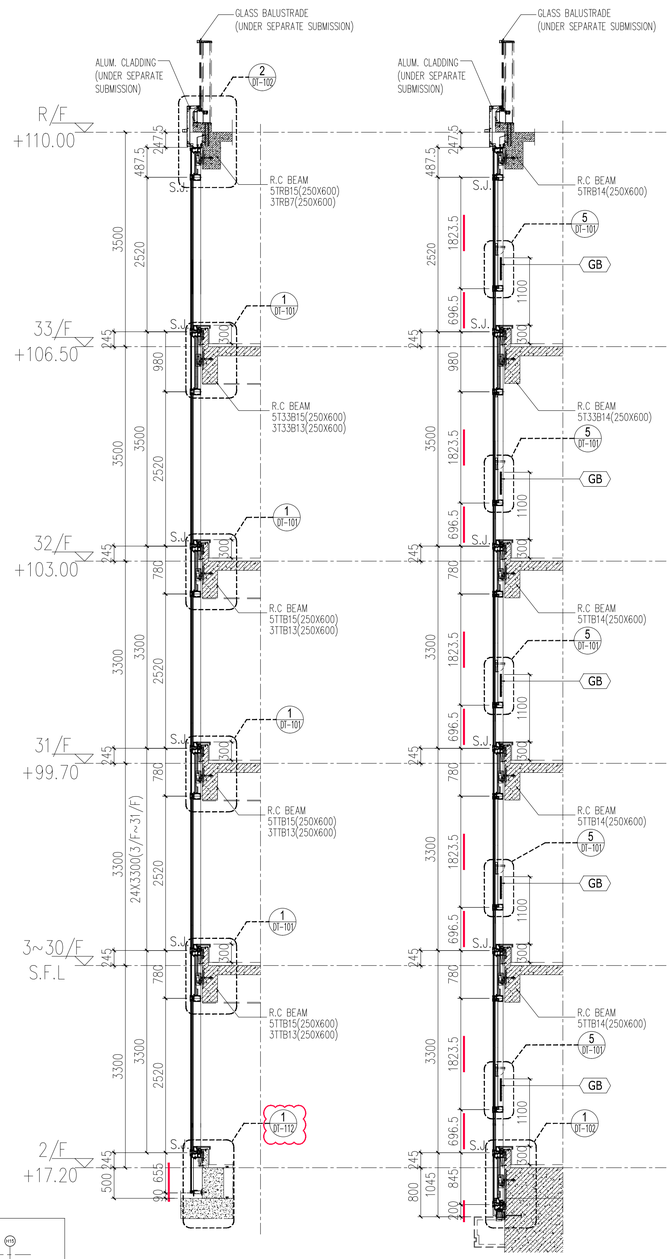
LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
= WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM6,EM7~~)
= WIND LOAD FIXING LOCATION (EM4)
8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER
GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS
GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)



A SECTION
SCALE 1:50

B SECTION
SCALE 1:50

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works Superstructure - Curtain Wall in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

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REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MISTructE
RPE (STL)
Registered Structural Engineer

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Tel:23489211-4 Fax:(852)27727666

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

TITLE :
TOWER 3 & 5 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

DRAWN BY : AN

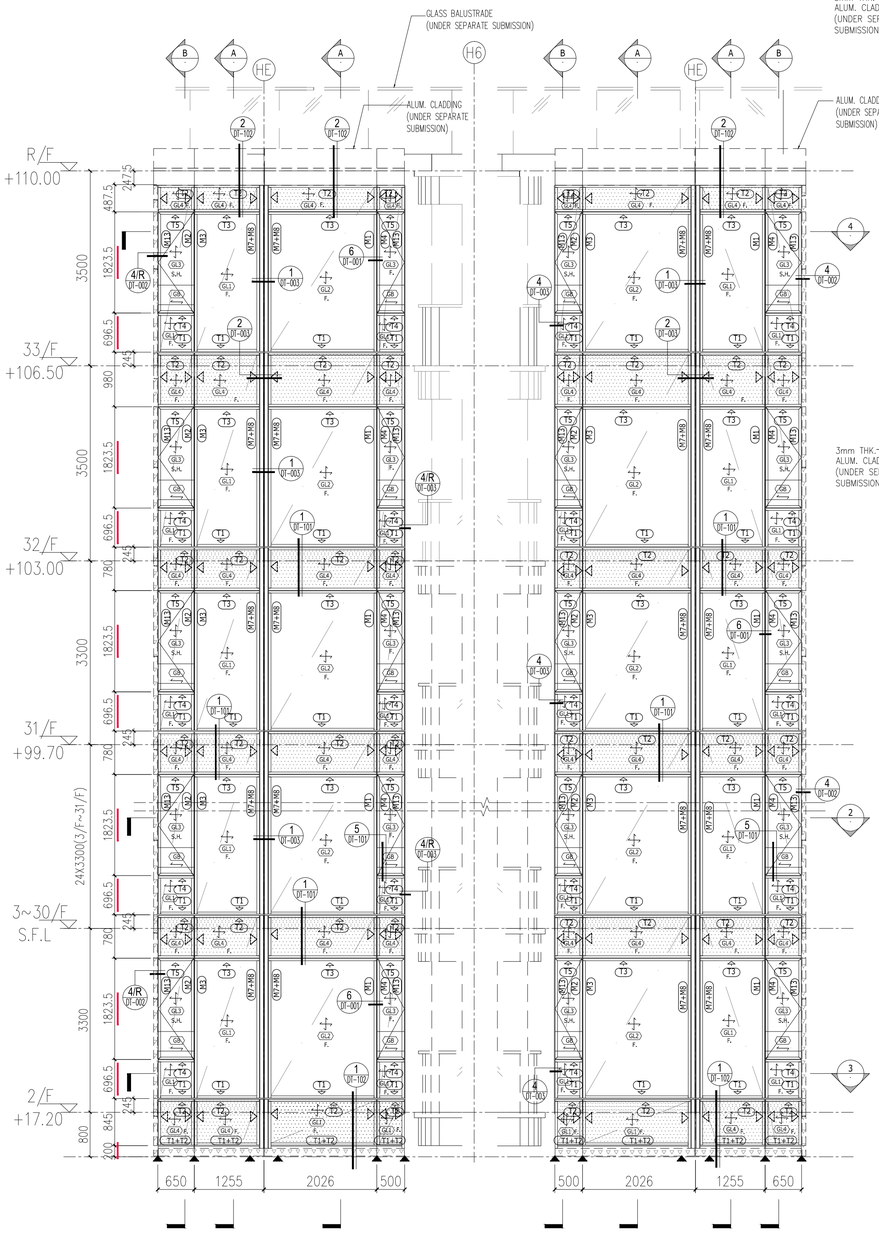
DATE : 18.Oct.2021

CHKD BY :

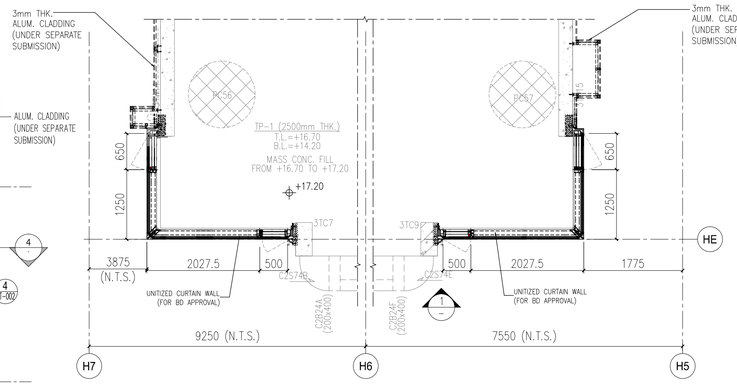
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-016

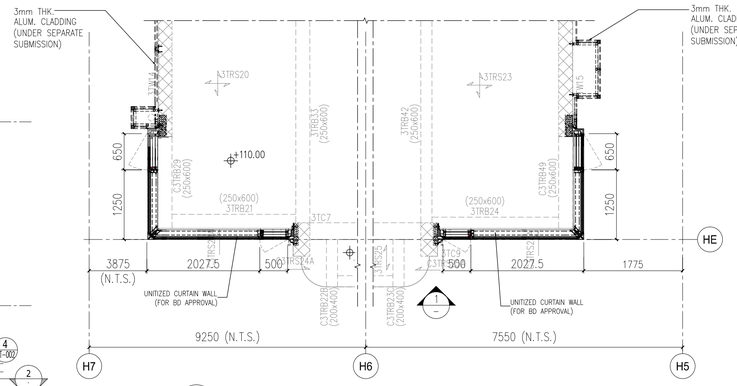
REV. : B



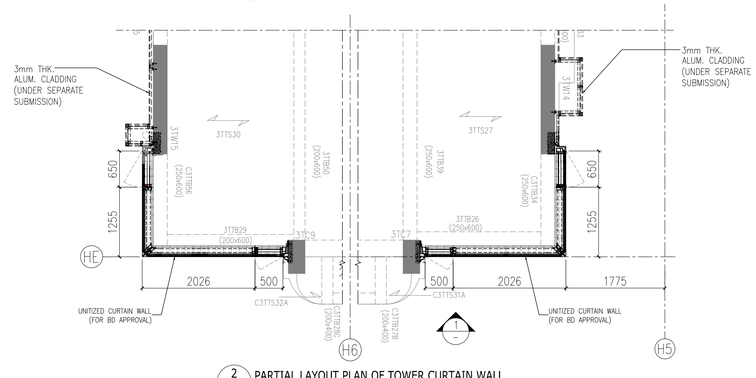
1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:50



3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:50

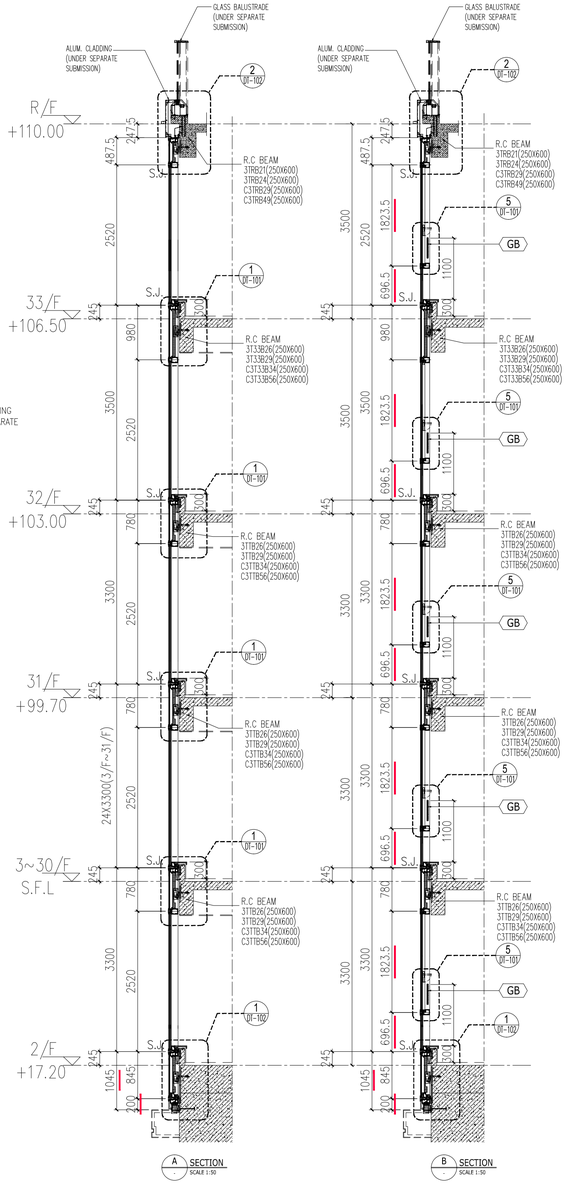


4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT ROOF/F
SCALE 1:50



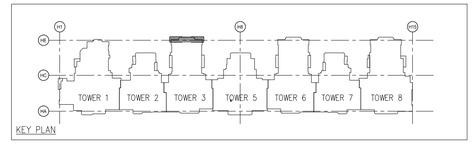
2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:50 (3/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F14/F & 24)

FLOOR	LEVEL
R/F	+110.00
33/F	+106.50
32/F	+103.00
31/F	+99.70
30/F	+96.40
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27/F	+86.50
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21/F	+70.00
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19/F	+63.40
18/F	+60.10
17/F	+56.80
16/F	+53.50
15/F	+50.20
12/F	+46.90
11/F	+43.60
10/F	+40.30
9/F	+37.00
8/F	+33.70
7/F	+30.40
6/F	+27.10
5/F	+23.80
3/F	+20.50
2/F	+17.20



A SECTION
SCALE 1:50

B SECTION
SCALE 1:50



LEGEND :

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S.H. = SIDE HUNG WINDOW
◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,EM5,EM6,EM7)
◀ = WIND LOAD FIXING LOCATION (EM4)

GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS

GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

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M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
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T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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Superstructure - Curtain Wall
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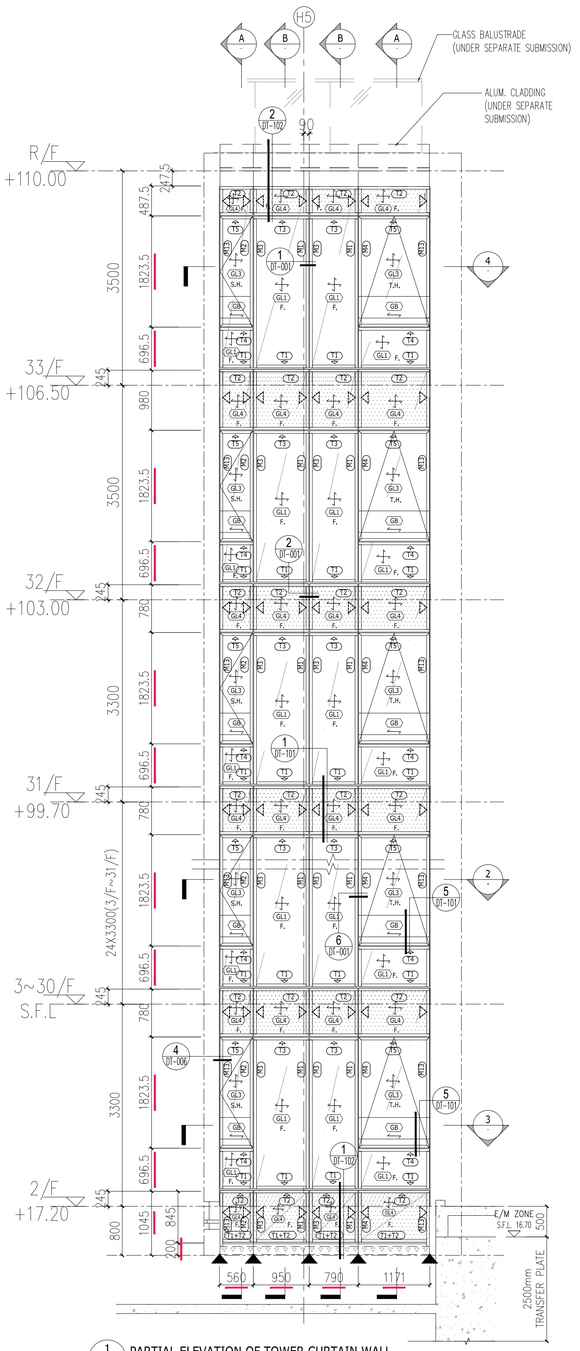
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 3 PARTIAL ELEVATION PLAN & SECTION

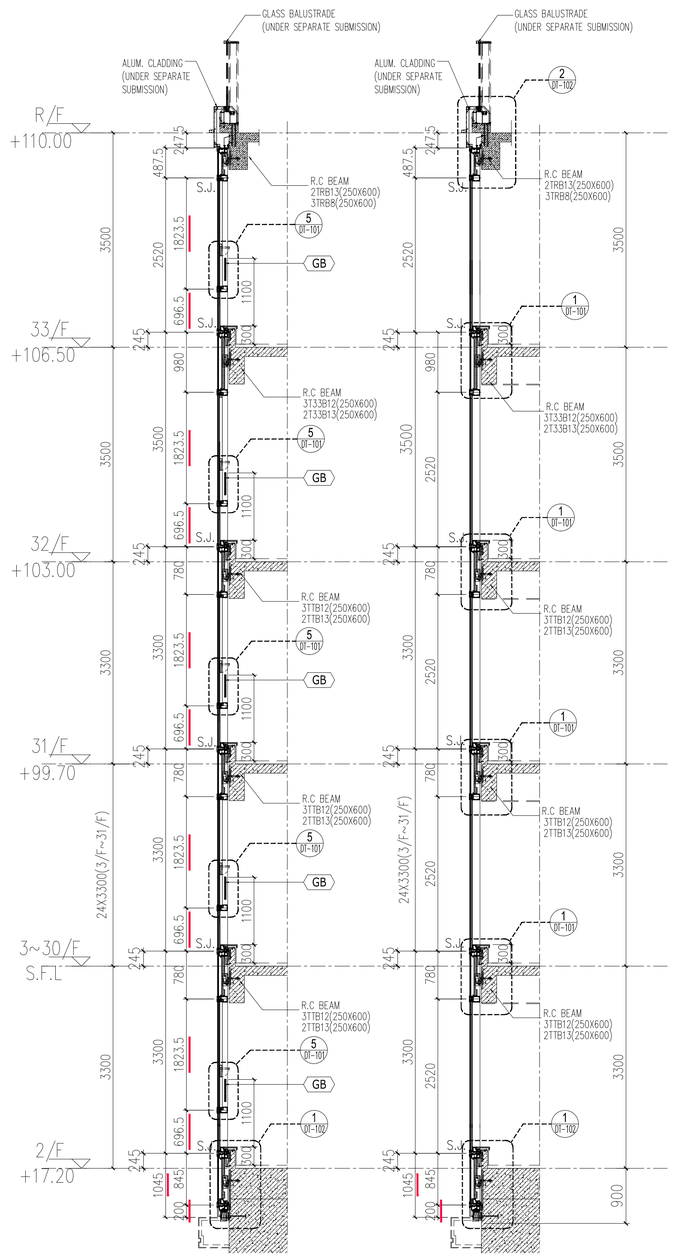
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-017
REV. : B

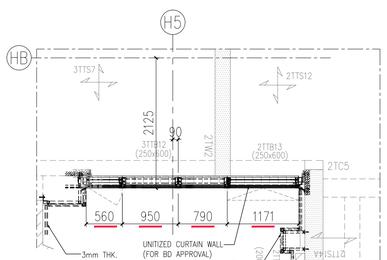


1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:50

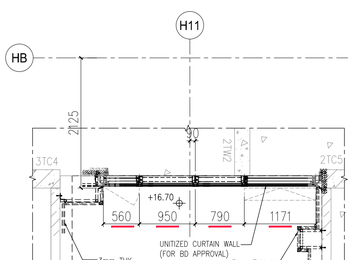


A SECTION
SCALE 1:50

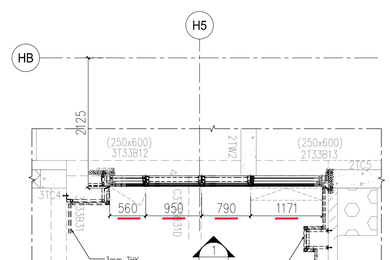
B SECTION
SCALE 1:50



2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:50 (3/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 13/F,14/F & 24)



3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:50



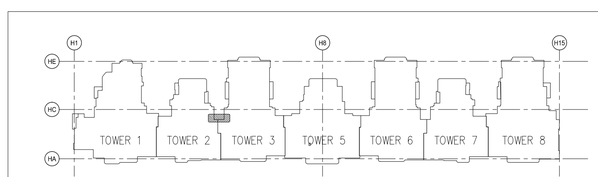
4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 33/F
SCALE 1:50

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GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
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KEY PLAN

FLOOR	LEVEL
R/F	+110.00
33/F	+106.50
32/F	+103.00
31/F	+99.70
30/F	+96.40
29/F	+93.10
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22/F	+73.30
21/F	+70.00
20/F	+66.70
19/F	+63.40
18/F	+60.10
17/F	+56.80
16/F	+53.50
15/F	+50.20
12/F	+46.90
11/F	+43.60
10/F	+40.30
9/F	+37.00
8/F	+33.70
7/F	+30.40
6/F	+27.10
5/F	+23.80
3/F	+20.50
2/F	+17.20

B.D. REF : BD 3/4056/19

F.S.D. REF :

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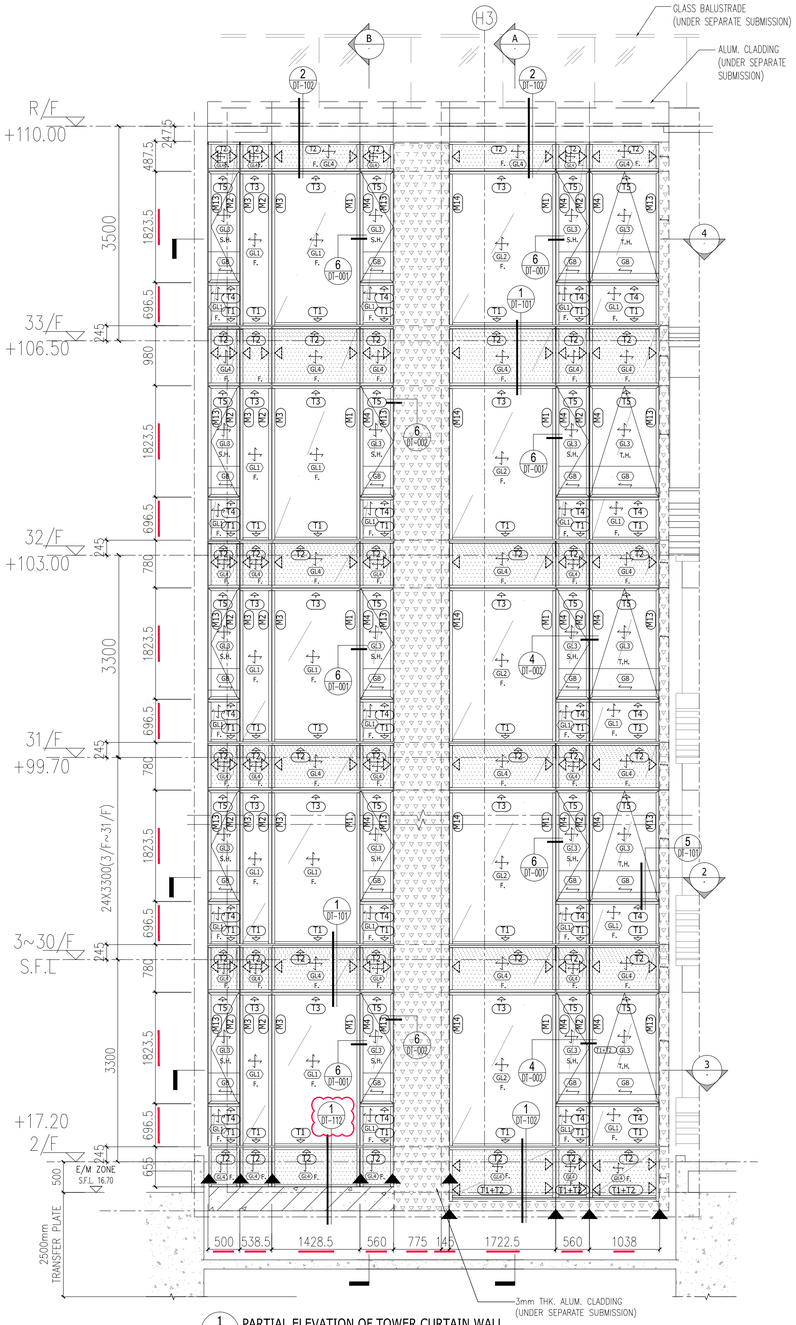
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 2 & 3 PARTIAL ELEVATION PLAN & SECTION

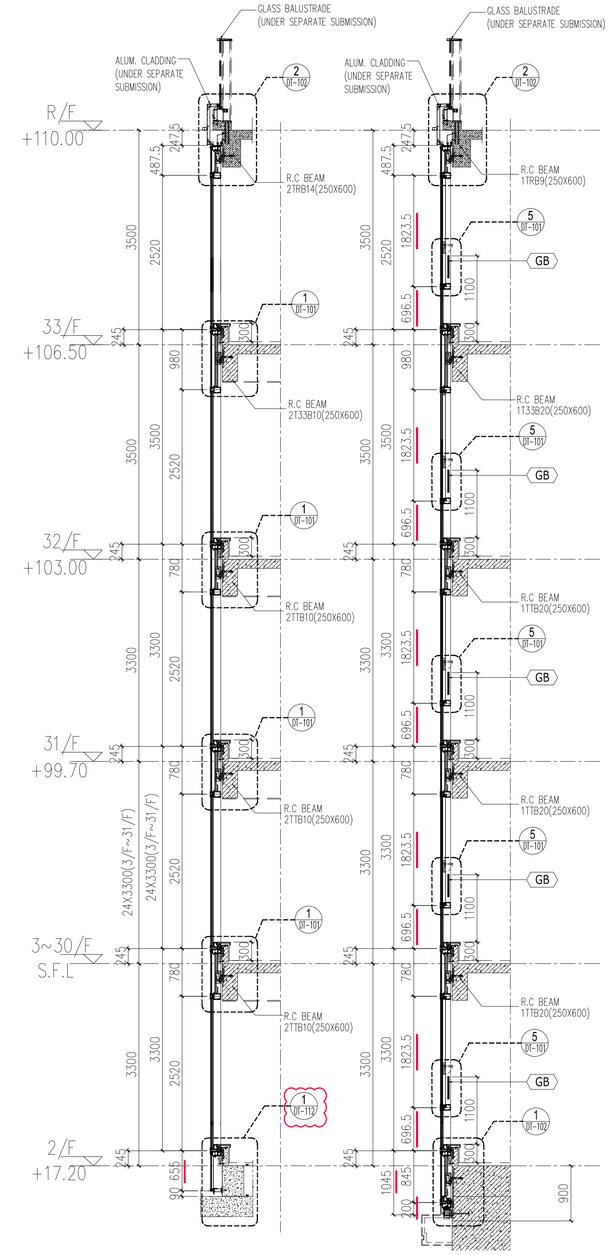
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-018
REV. : B

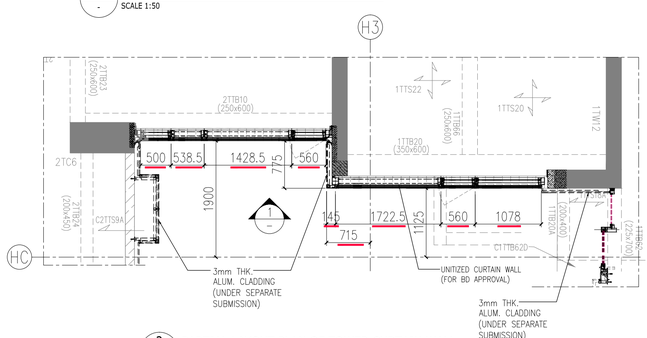


1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:50

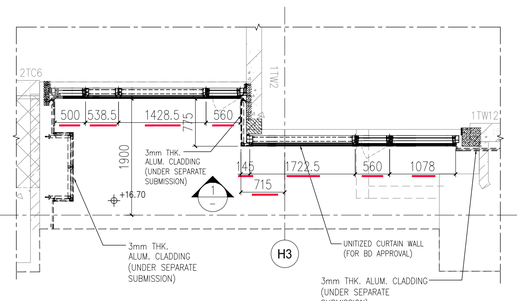


A SECTION
SCALE 1:50

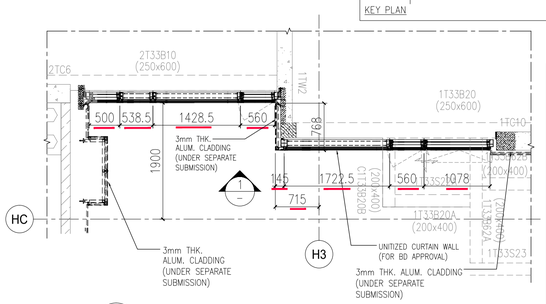
B SECTION
SCALE 1:50



2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:50 (3/F TO 32/F,28 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F14/F & 24)



3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:50



4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 33/F
SCALE 1:50

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3~~,EM5,EM6,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)

8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER
GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS

8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER
GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

8mm FULLY TEMPERED LAMINATED GLASS
GL4 = 1.52 PVB INTERLAYER 8mm FULLY TEMPERED LAMINATED GLASS

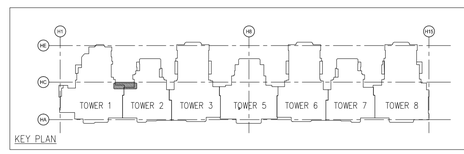
GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)

M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 EXTRUDED ALUM. FEMALE MULLION (AL68)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)

T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)



KEY PLAN

FLOOR	LEVEL	FLOOR	LEVEL
R/F	+110.00	18/F	+60.10
33/F	+106.50	17/F	+56.80
32/F	+103.00	16/F	+53.50
31/F	+99.70	15/F	+50.20
30/F	+96.40	12/F	+46.90
29/F	+93.10	11/F	+43.60
28/F	+83.20	10/F	+40.30
27/F	+86.50	9/F	+37.00
26/F	+83.20	8/F	+33.70
25/F	+79.90	7/F	+30.40
23/F	+76.60	6/F	+27.10
22/F	+73.30	5/F	+23.80
21/F	+70.00	3/F	+20.50
20/F	+66.70	2/F	+17.20
19/F	+63.40		

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
E-mail: cmwa@cmwal.com

Inhabit Group Hong Kong
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MAIN CONTRACTOR :
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美特鋁貿有限公司
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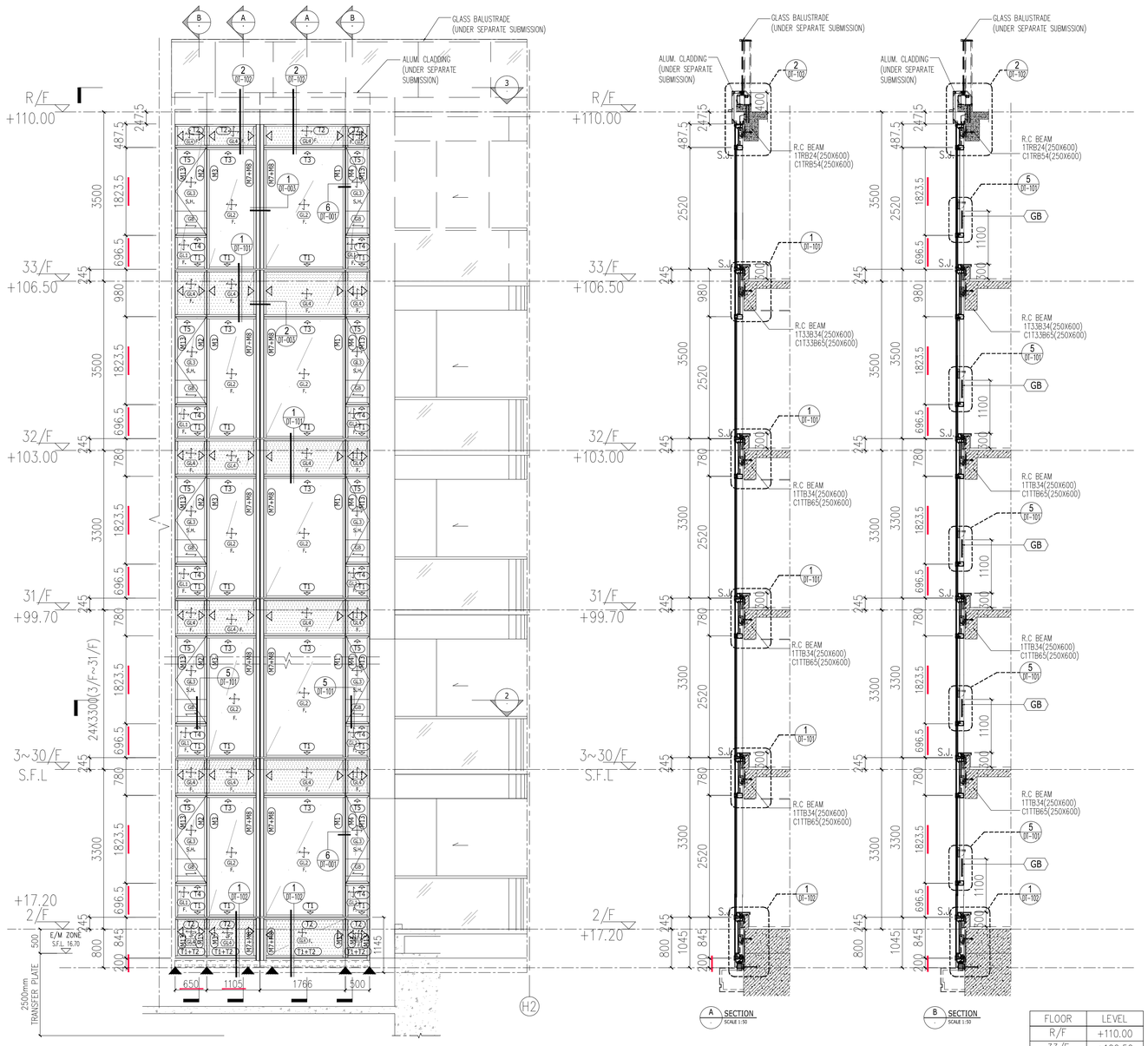
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 1 & 2 PARTIAL ELEVATION PLAN & SECTION

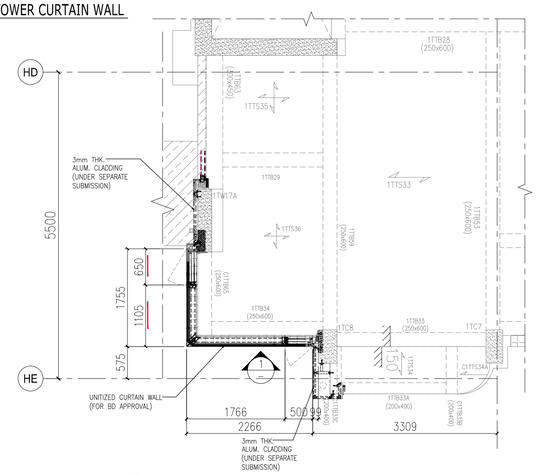
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

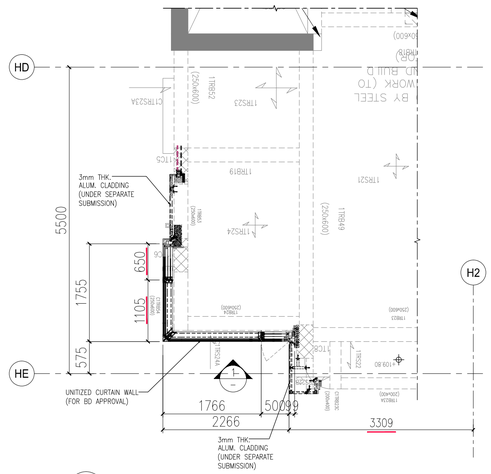
DWG. NO. : BD-PE-019
REV. : B



1 - PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:50



2 - PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:50 (3/F TO 33/F,27 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F,14/F & 24F)



3 - PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT ROOF/F
SCALE 1:50

FLOOR	LEVEL
R/F	+110.00
33/F	+106.50
32/F	+103.00
31/F	+99.70
30/F	+96.40
29/F	+93.10
28/F	+83.20
27/F	+86.50
26/F	+83.20
25/F	+79.90
23/F	+76.60
22/F	+73.30
21/F	+70.00
20/F	+66.70
19/F	+63.40
18/F	+60.10
17/F	+56.80
16/F	+53.50
15/F	+50.20
12/F	+46.90
11/F	+43.60
10/F	+40.30
9/F	+37.00
8/F	+33.70
7/F	+30.40
6/F	+27.10
5/F	+23.80
3/F	+20.50
2/F	+17.20

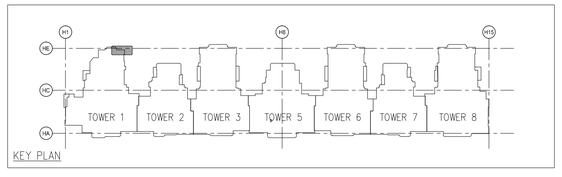
LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
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T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM6,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)
GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS
GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

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M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
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M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
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T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)



B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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MARBLE EDGE INVESTMENT LTD.

ARCHITECT :
RONALD LU & PARTNERS
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STRUCTURAL ENGINEER :
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TEL: (852) 2522 1068
E-mail: cmwal@cmwal.com

Inhabit Group Hong Kong
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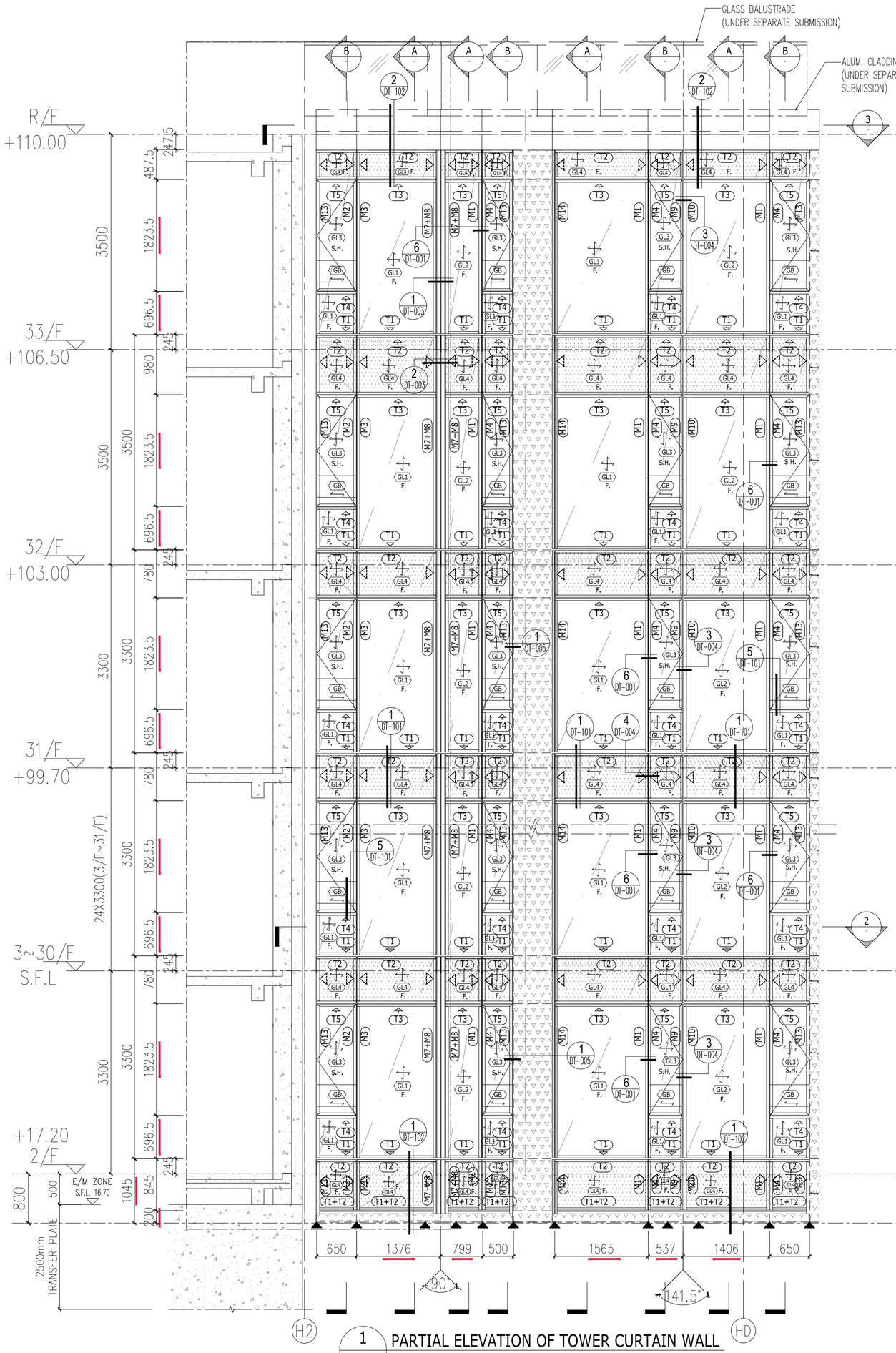
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 1 PARTIAL ELEVATION PLAN & SECTION

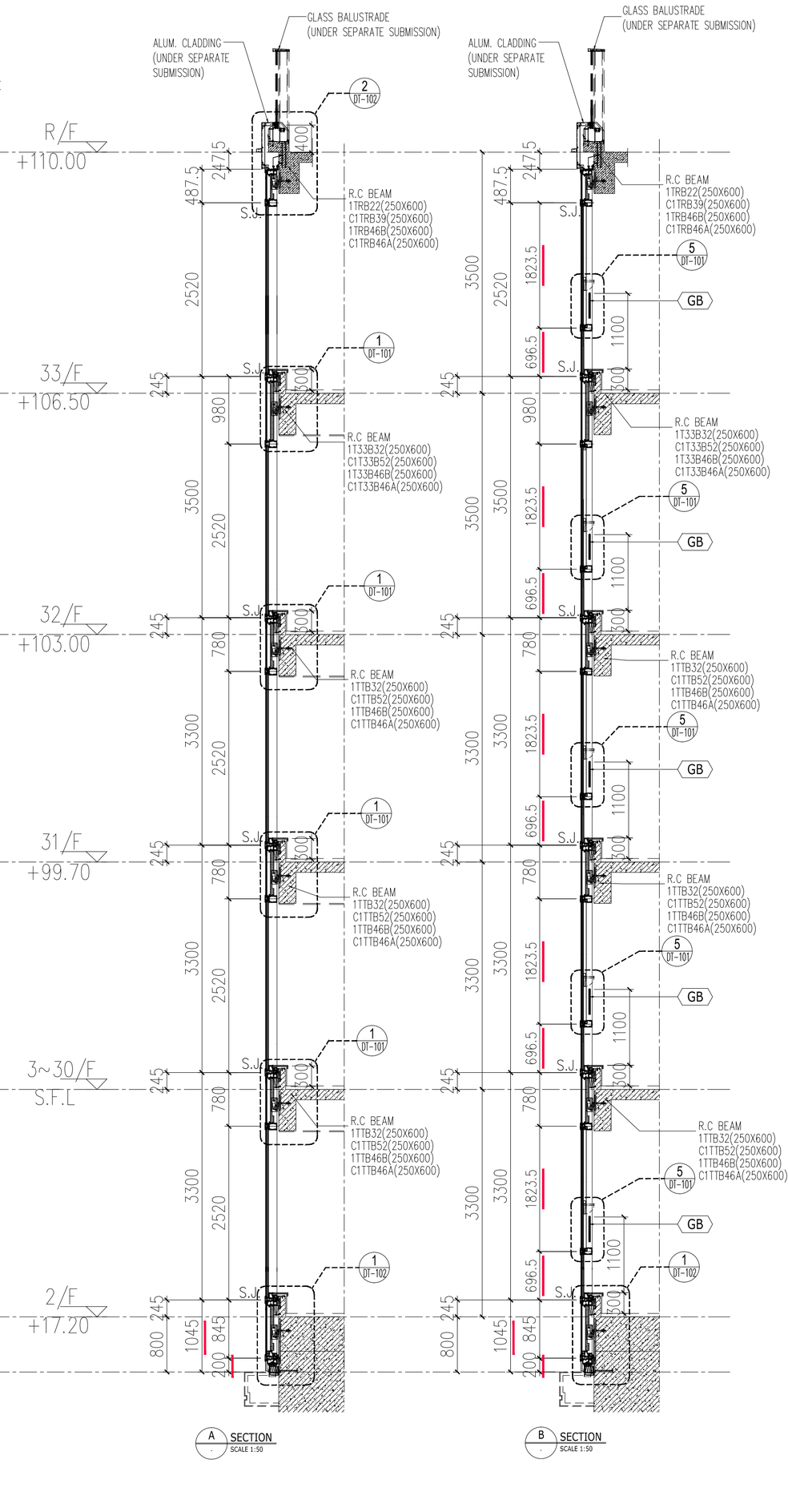
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-020
REV. : B

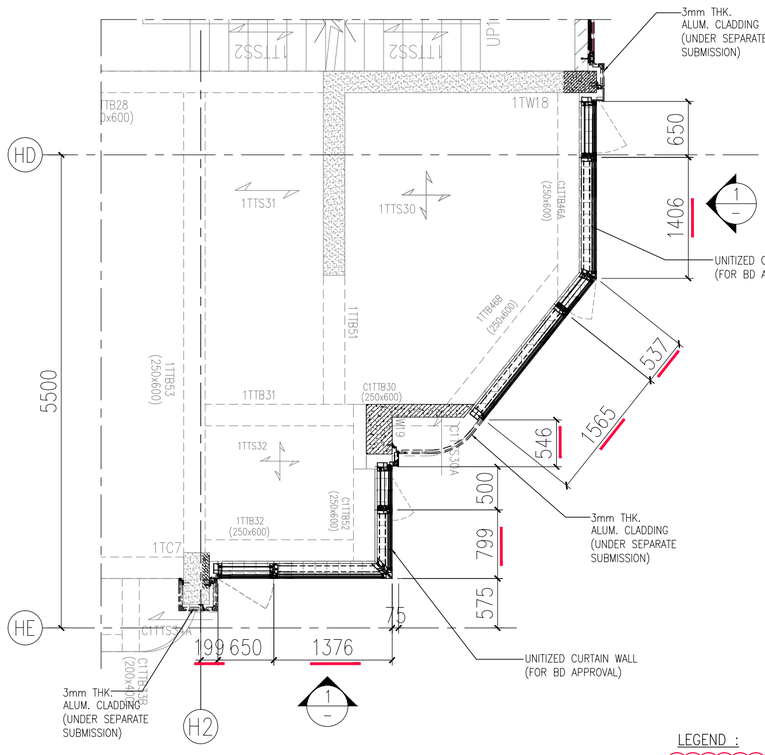


1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:50

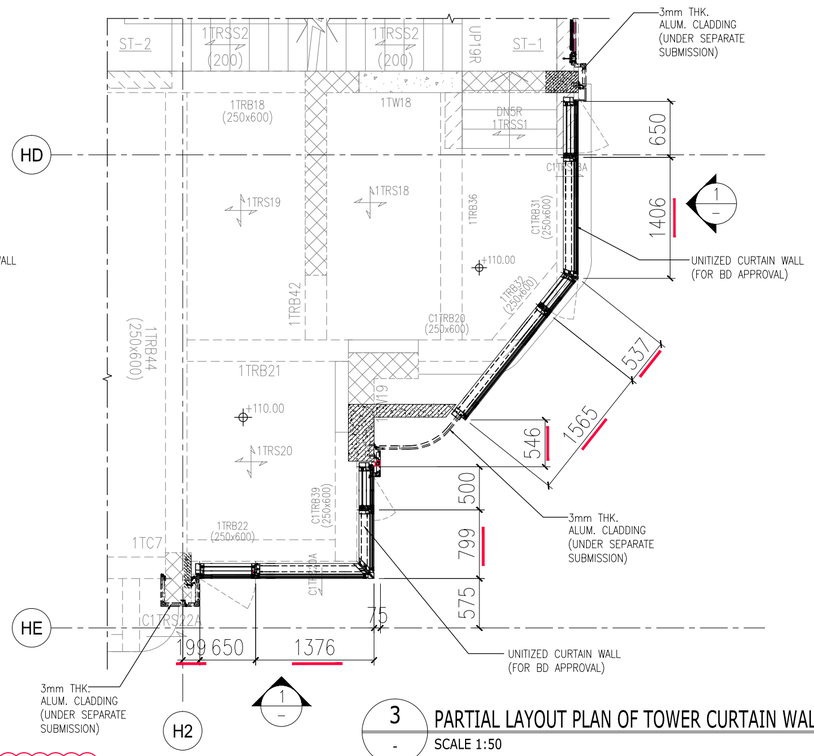


A SECTION
SCALE 1:50

FLOOR	LEVEL
R/F	+110.00
33/F	+106.50
32/F	+103.00
31/F	+99.70
30/F	+96.40
29/F	+93.10
28/F	+83.20
27/F	+86.50
26/F	+83.20
25/F	+79.90
23/F	+76.60
22/F	+73.30
21/F	+70.00
20/F	+66.70
19/F	+63.40
18/F	+60.10
17/F	+56.80
16/F	+53.50
15/F	+50.20
12/F	+46.90
11/F	+43.60
10/F	+40.30
9/F	+37.00
8/F	+33.70
7/F	+30.40
6/F	+27.10
5/F	+23.80
3/F	+20.50
2/F	+17.20



2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:50 (3/F TO 33/F,27 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F,14/F & 24F)



3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT ROOF/F
SCALE 1:50

LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

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GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS

8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER
GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

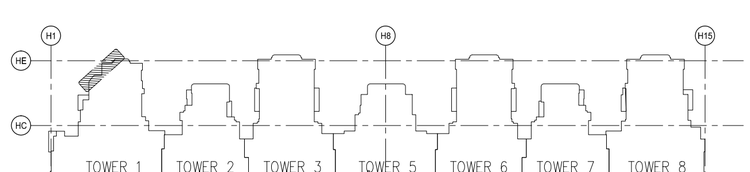
8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

8mm FULLY TEMPERED LAMINATED GLASS
GL4 = 1.52 PVB INTERLAYER
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KEY PLAN

B.D. REF : BD 3/4056/19

F.S.D. REF :

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

TITLE :
TOWER 1 PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

DRAWN BY : AN

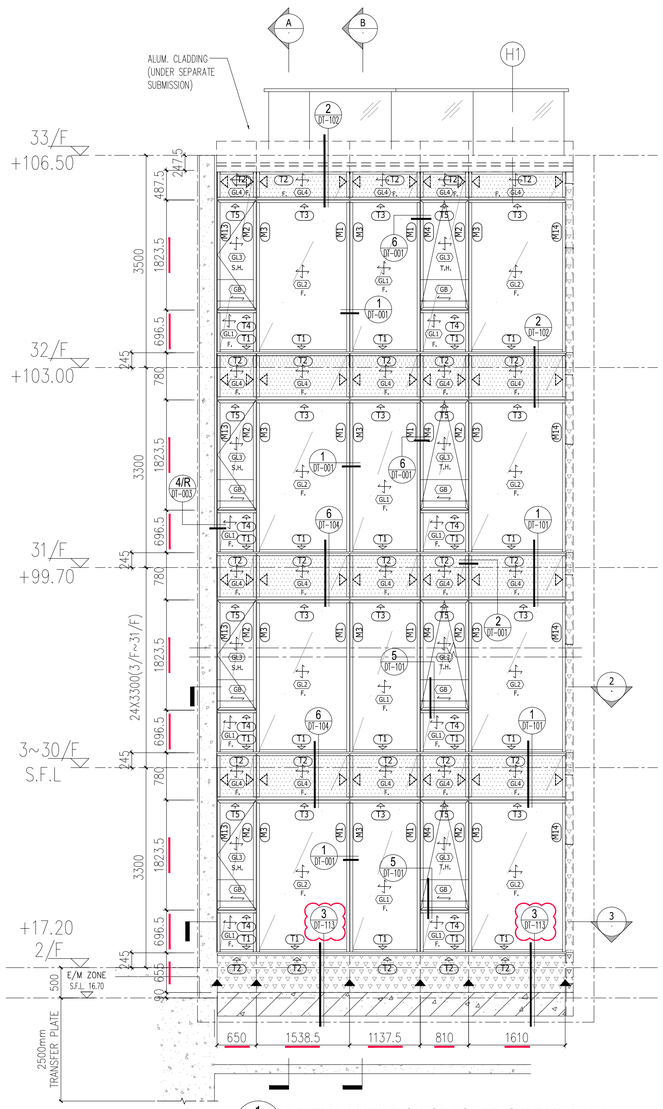
DATE : 18.Oct.2021

CHKD BY :

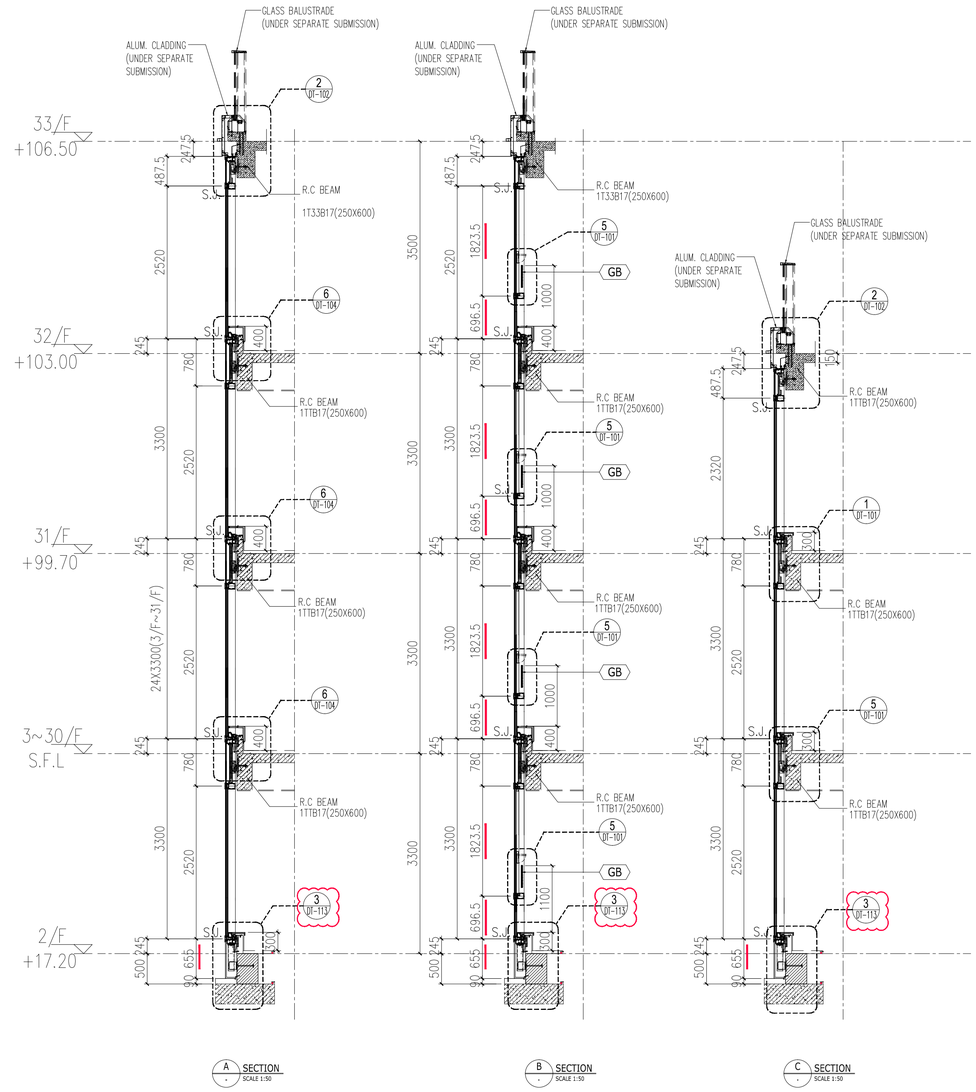
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A3:

DWG. NO. : BD-PE-021

REV. : B



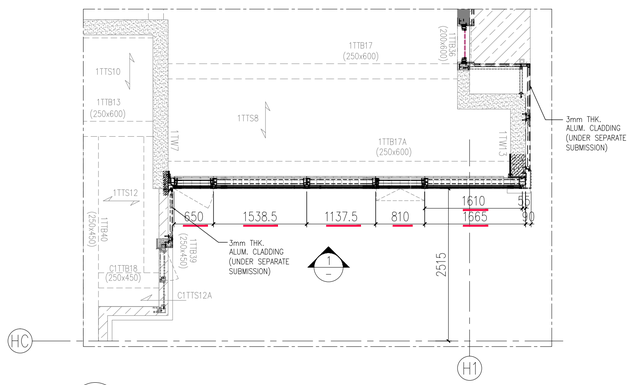
1 PARTIAL ELEVATION OF TOWER CURTAIN WALL
SCALE 1:50



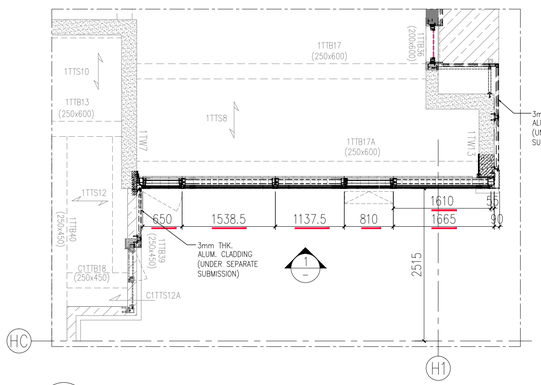
A SECTION SCALE 1:50

B SECTION SCALE 1:50

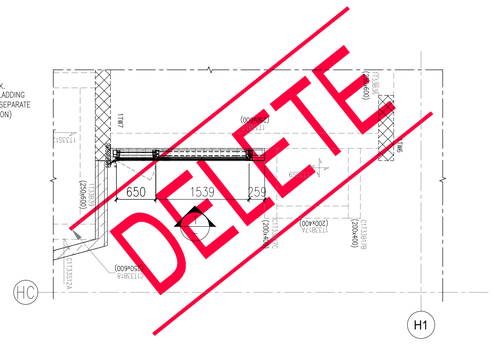
C SECTION SCALE 1:50



2 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL
SCALE 1:50 (3/F TO 32/F,26 STOREY,FLOOR NUMBER WITHOUT 4/F,13/F,14/F & 24F)



3 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 2/F
SCALE 1:50



4 PARTIAL LAYOUT PLAN OF TOWER CURTAIN WALL AT 33/F
SCALE 1:50

LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
△ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM6,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)
GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS
S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)

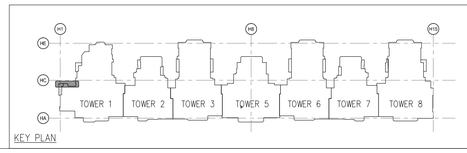
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS
GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)

T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

FLOOR	LEVEL	FLOOR	LEVEL
R/F	+110.00	18/F	+60.10
33/F	+106.50	17/F	+56.80
32/F	+103.00	16/F	+53.50
31/F	+99.70	15/F	+50.20
30/F	+96.40	12/F	+46.90
29/F	+93.10	11/F	+43.60
28/F	+83.20	10/F	+40.30
27/F	+86.50	9/F	+37.00
26/F	+83.20	8/F	+33.70
25/F	+79.90	7/F	+30.40
23/F	+76.60	6/F	+27.10
22/F	+73.30	5/F	+23.80
21/F	+70.00	3/F	+20.50
20/F	+66.70	2/F	+17.20
19/F	+63.40		



B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	XX.Jun.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
E-mail: cmwal@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

MAIN CONTRACTOR :
裕民建築有限公司

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

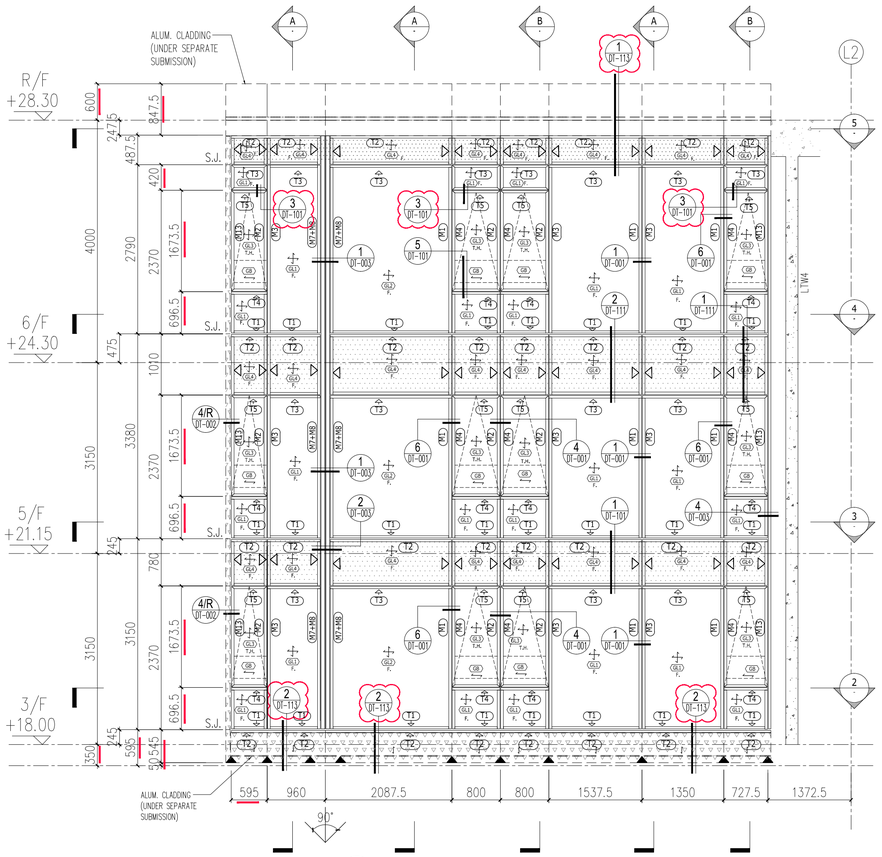
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER 1 PARTIAL ELEVATION PLAN & SECTION

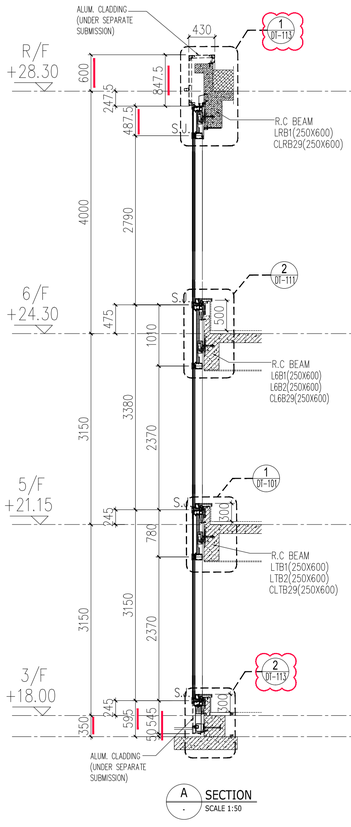
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

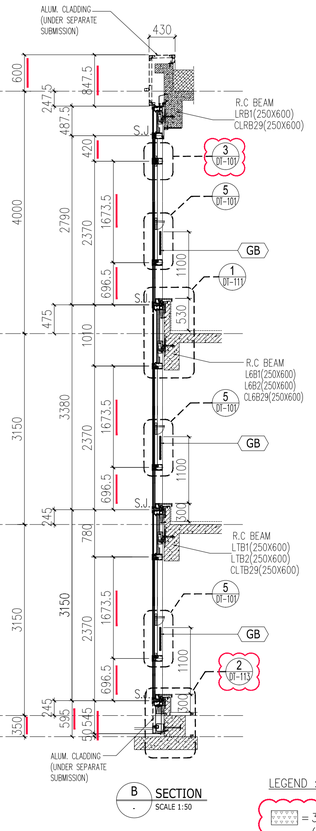
DWG. NO. : BD-PE-022
REV. : B



1 PARTIAL ELEVATION OF TOWER L (LOW RISE) CURTAIN WALL
SCALE 1:50



A SECTION
SCALE 1:50



B SECTION
SCALE 1:50

LEGEND :

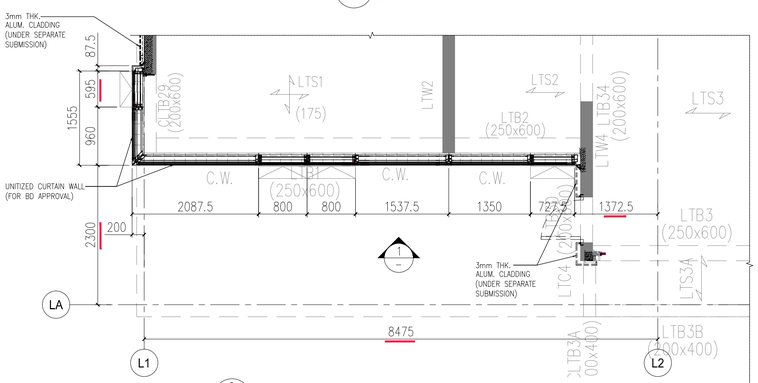
= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM6,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)
GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS
GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS
GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

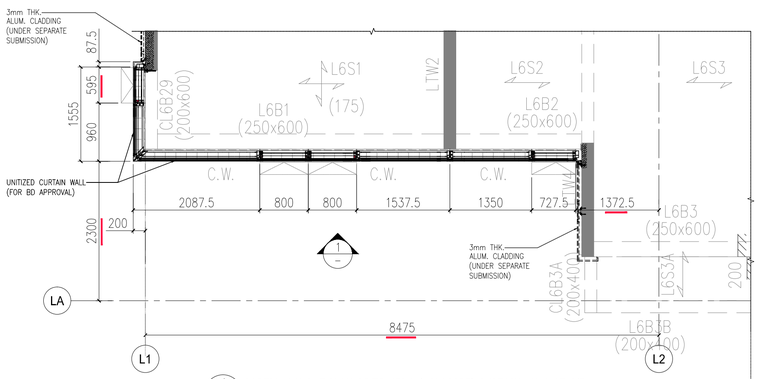
S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 EXTRUDED ALUM. FEMALE MULLION (AL68)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

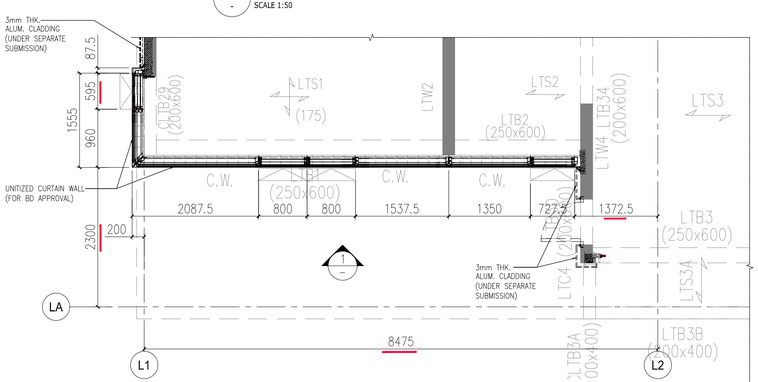
FLOOR	LEVEL
R/F	+28.30
6/F	+24.30
5/F	+21.15
3/F	+18.00



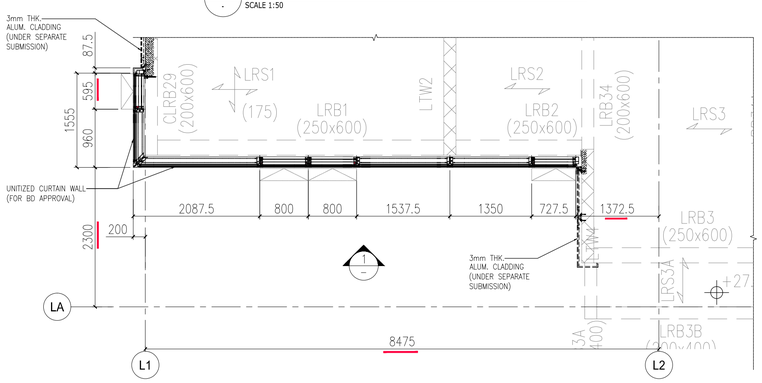
2 PARTIAL LAYOUT PLAN OF TOWER L (LOW RISE) CURTAIN WALL AT 3/F
SCALE 1:50



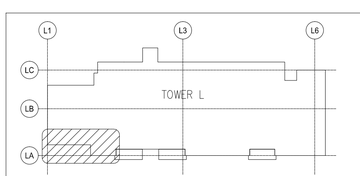
4 PARTIAL LAYOUT PLAN OF TOWER L (LOW RISE) CURTAIN WALL AT 6/F
SCALE 1:50



3 PARTIAL LAYOUT PLAN OF TOWER L (LOW RISE) CURTAIN WALL AT 5/F
SCALE 1:50



5 PARTIAL LAYOUT PLAN OF TOWER L (LOW RISE) CURTAIN WALL AT ROOF/F
SCALE 1:50



B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
E-mail: cmwal@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

MAIN CONTRACTOR :
裕民建築有限公司

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

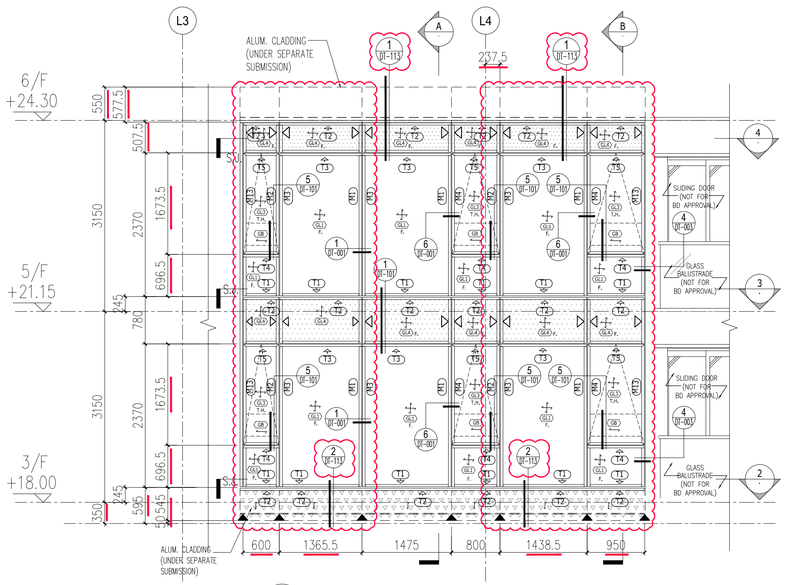
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
TOWER L PARTIAL ELEVATION PLAN & SECTION

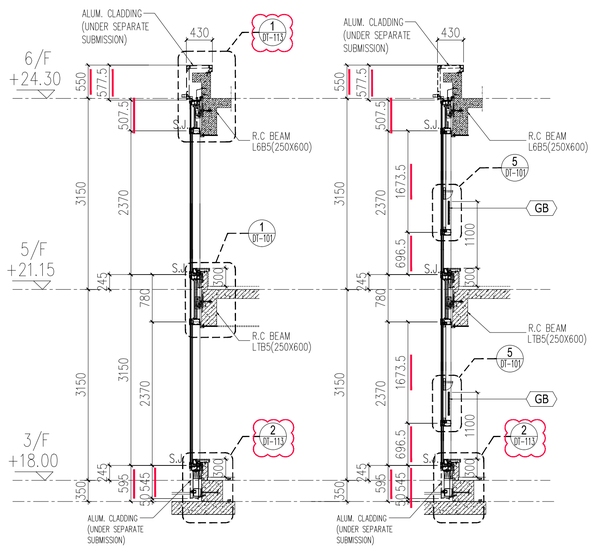
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-025
REV. : B

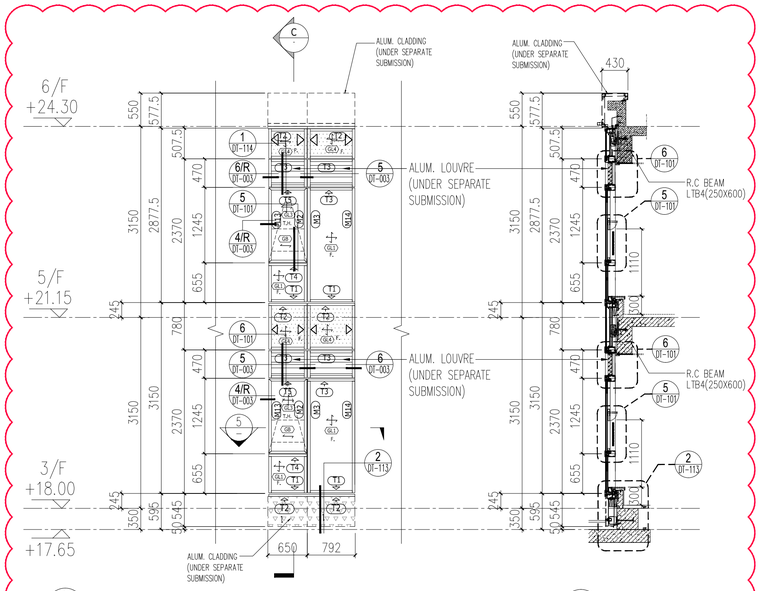


1 PARTIAL ELEVATION OF TOWER L (LOW RISE) CURTAIN WALL
SCALE 1:50



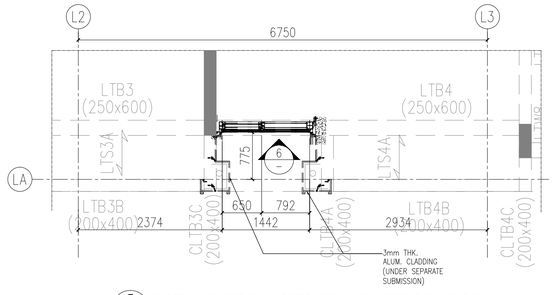
A SECTION
SCALE 1:50

B SECTION
SCALE 1:50

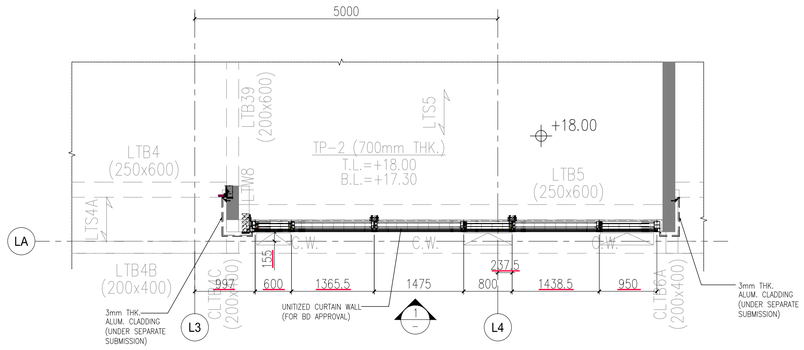


6 PARTIAL ELEVATION OF TOWER L (LOW RISE) CURTAIN WALL
SCALE 1:50

C SECTION
SCALE 1:50



5 PARTIAL LAYOUT PLAN OF TOWER L (LOW RISE 3/F AND 5/F)
SCALE 1:60



2 PARTIAL LAYOUT PLAN OF TOWER L (LOW RISE) CURTAIN WALL AT 3/F
SCALE 1:50

LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL

C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)

F. = FIXED WINDOW

T.H. = TOP HUNG WINDOW

S.H. = SIDE HUNG WINDOW

◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM6,EM7~~)

◀ = WIND LOAD FIXING LOCATION (EM4)

GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED ICU LAMINATED CLEAR GLASS

GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED ICU LAMINATED CLEAR GLASS

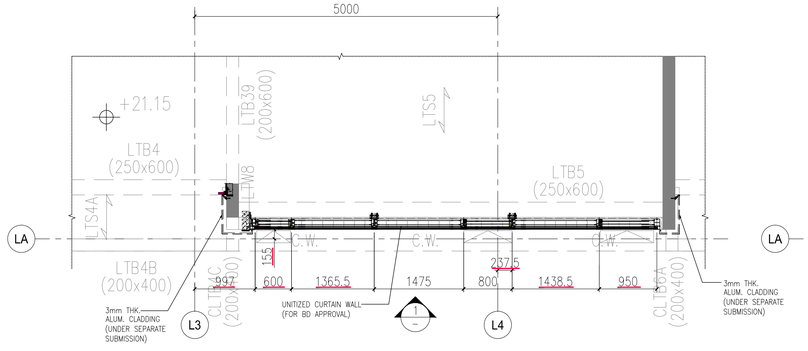
GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED ICU LAMINATED CLEAR GLASS

GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS

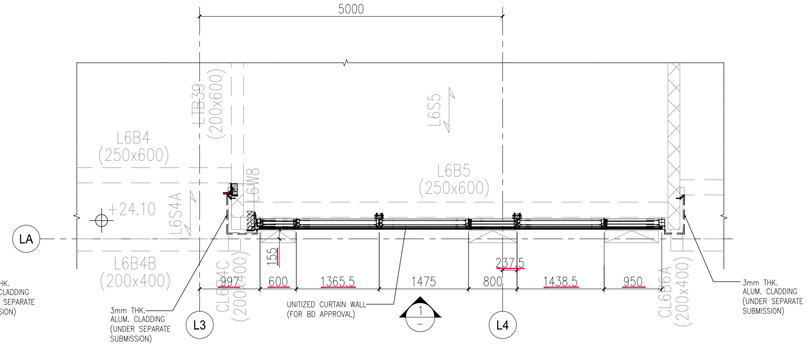
GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
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M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
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T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
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T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

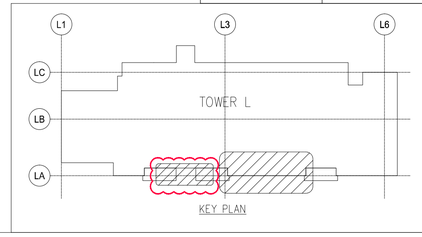


3 PARTIAL LAYOUT PLAN OF TOWER L (LOW RISE) CURTAIN WALL AT 5/F
SCALE 1:50



4 PARTIAL LAYOUT PLAN OF TOWER L (LOW RISE) CURTAIN WALL AT 6/F
SCALE 1:50

FLOOR	LEVEL
R/F	+28.30
6/F	+24.30
5/F	+21.15
3/F	+18.00



KEY PLAN

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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Superstructure - Curtain Wall
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REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

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BEng FHKIE MIStructE
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Tel:23489211-4 Fax:(852)27727666

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

TITLE :
TOWER L PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

DRAWN BY : AN

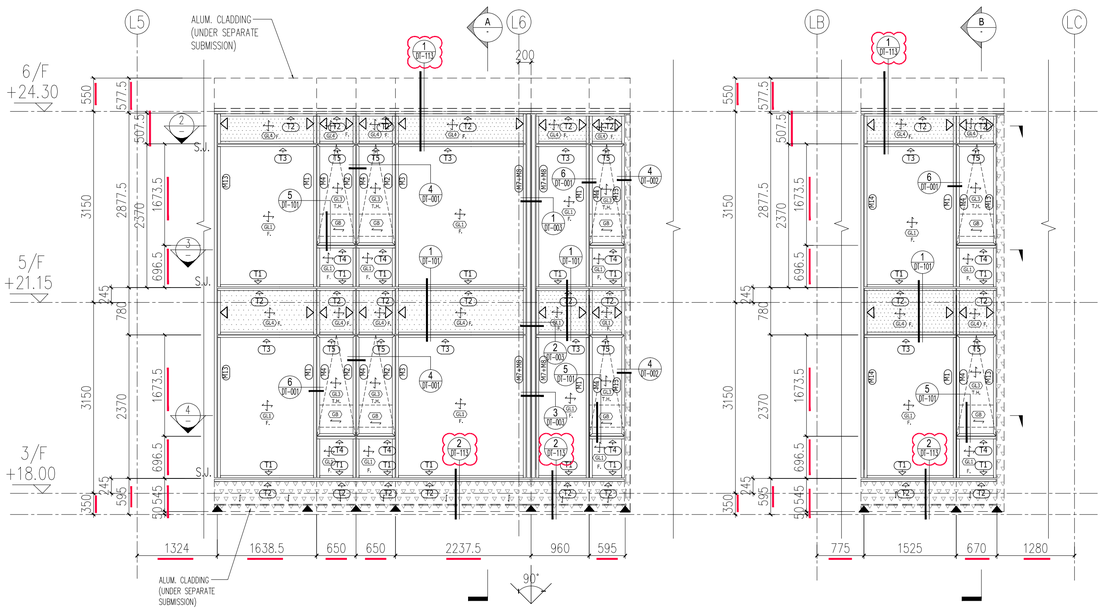
DATE : 18.Oct.2021

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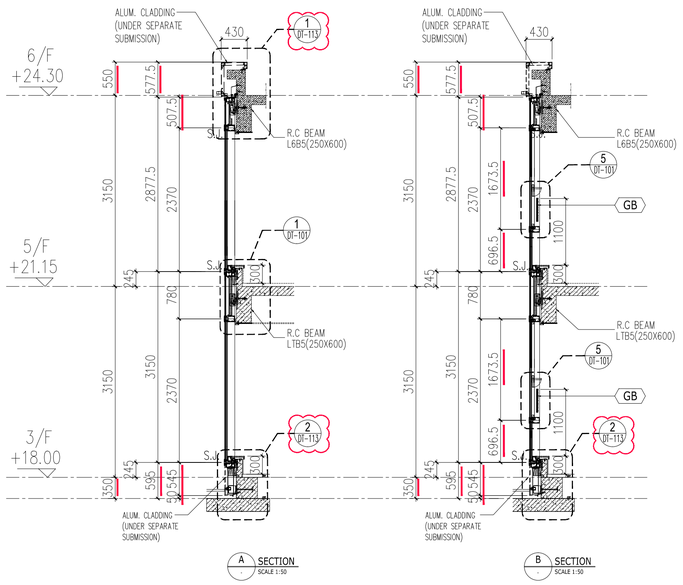
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-PE-026

REV. : B



1 PARTIAL ELEVATION OF TOWER L (LOW RISE) CURTAIN WALL
SCALE 1:50



A SECTION
SCALE 1:50

B SECTION
SCALE 1:50

LEGEND :

= 3mm THK. ALUM. CLADDING (UNDER SEPARATE SUBMISSION)

S.F.L. = STRUCTURAL FLOOR LEVEL

C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)

F. = FIXED WINDOW

T.H. = TOP HUNG WINDOW

S.H. = SIDE HUNG WINDOW

◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM6,EM7~~)

◀ = WIND LOAD FIXING LOCATION (EM4)

GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 8mm HEAT STRENGTHEN LOW IRON GLASS + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL4 = 8mm FULLY TEMPERED LAMINATED GLASS + 1.52 PVB INTERLAYER + 8mm FULLY TEMPERED LAMINATED GLASS

GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

S.J. = STACK JOINT

M1 = EXTRUDED ALUM. MALE MULLION (AL03)

M2 = EXTRUDED ALUM. MALE MULLION (AL03A)

M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)

M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)

M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)

M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)

M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)

M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)

M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)

M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)

M15 = EXTRUDED ALUM. MALE MULLION (AL67)

M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)

T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)

T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)

T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)

T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)

T7 = EXTRUDED ALUM. TRANSOM (AL71)

T8 = EXTRUDED ALUM. TRANSOM (AL72)

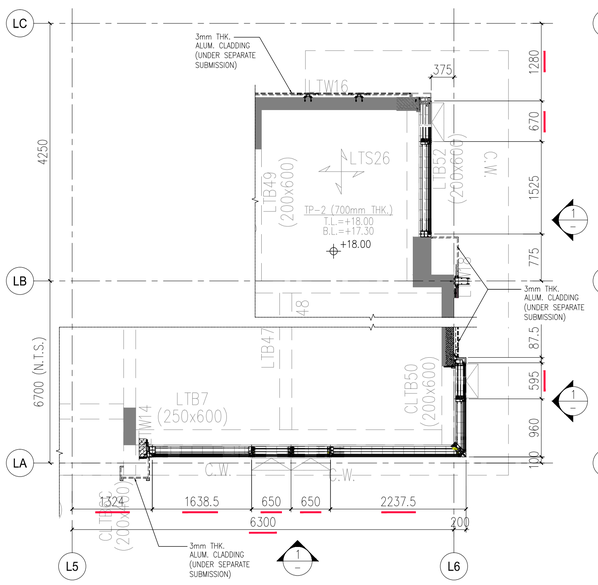
T9 = EXTRUDED ALUM. TRANSOM (AL69)

T10 = EXTRUDED ALUM. TRANSOM (AL70)

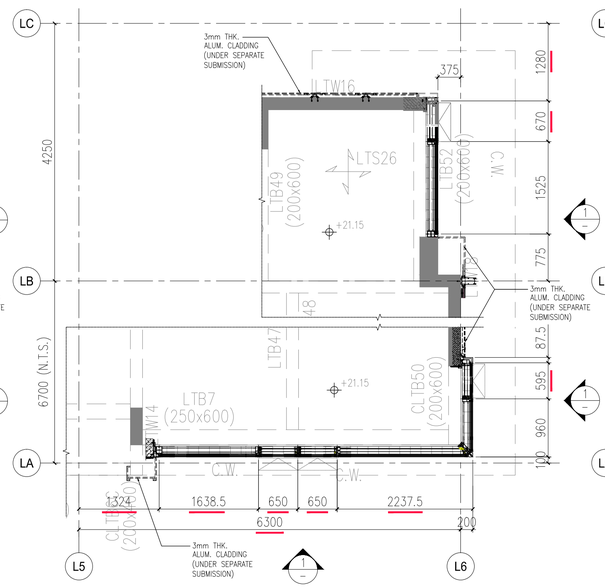
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)

T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)

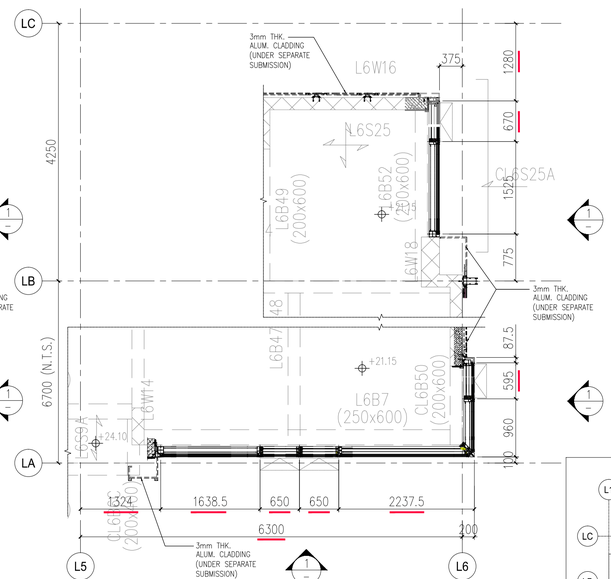
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)



2 PARTIAL LAYOUT PLAN OF TOWER L (LOW RISE) CURTAIN WALL AT 3/F
SCALE 1:50

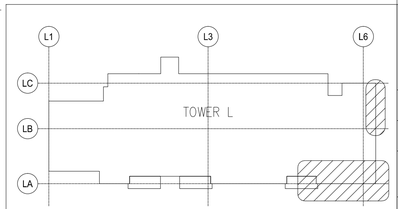


3 PARTIAL LAYOUT PLAN OF TOWER L (LOW RISE) CURTAIN WALL AT 5/F
SCALE 1:50



4 PARTIAL LAYOUT PLAN OF TOWER L (LOW RISE) CURTAIN WALL AT 6/F
SCALE 1:50

FLOOR	LEVEL
R/F	+28.30
6/F	+24.30
5/F	+21.15
3/F	+18.00



KEY PLAN

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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

TITLE :
TOWER L PARTIAL ELEVATION PLAN & SECTION

JOB NO. : 12156

DRAWN BY : AN

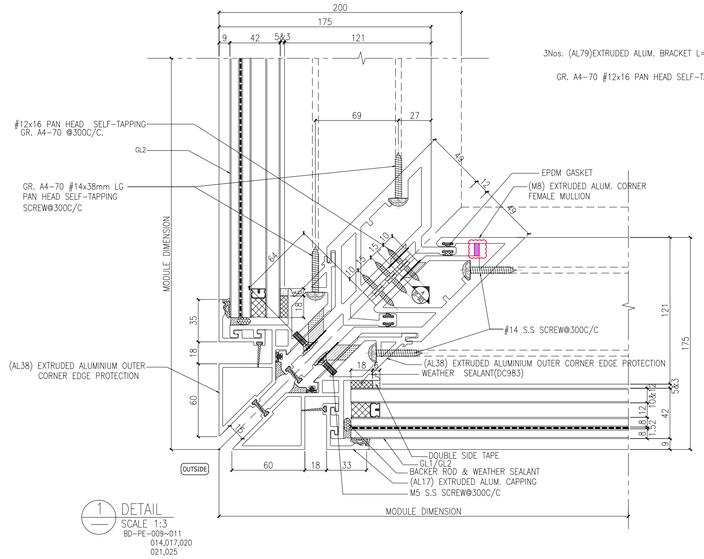
DATE : 18.Oct.2021

CHKD BY :

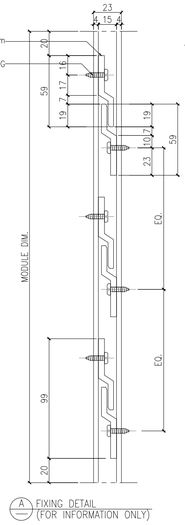
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A3:

DWG. NO. : BD-PE-027

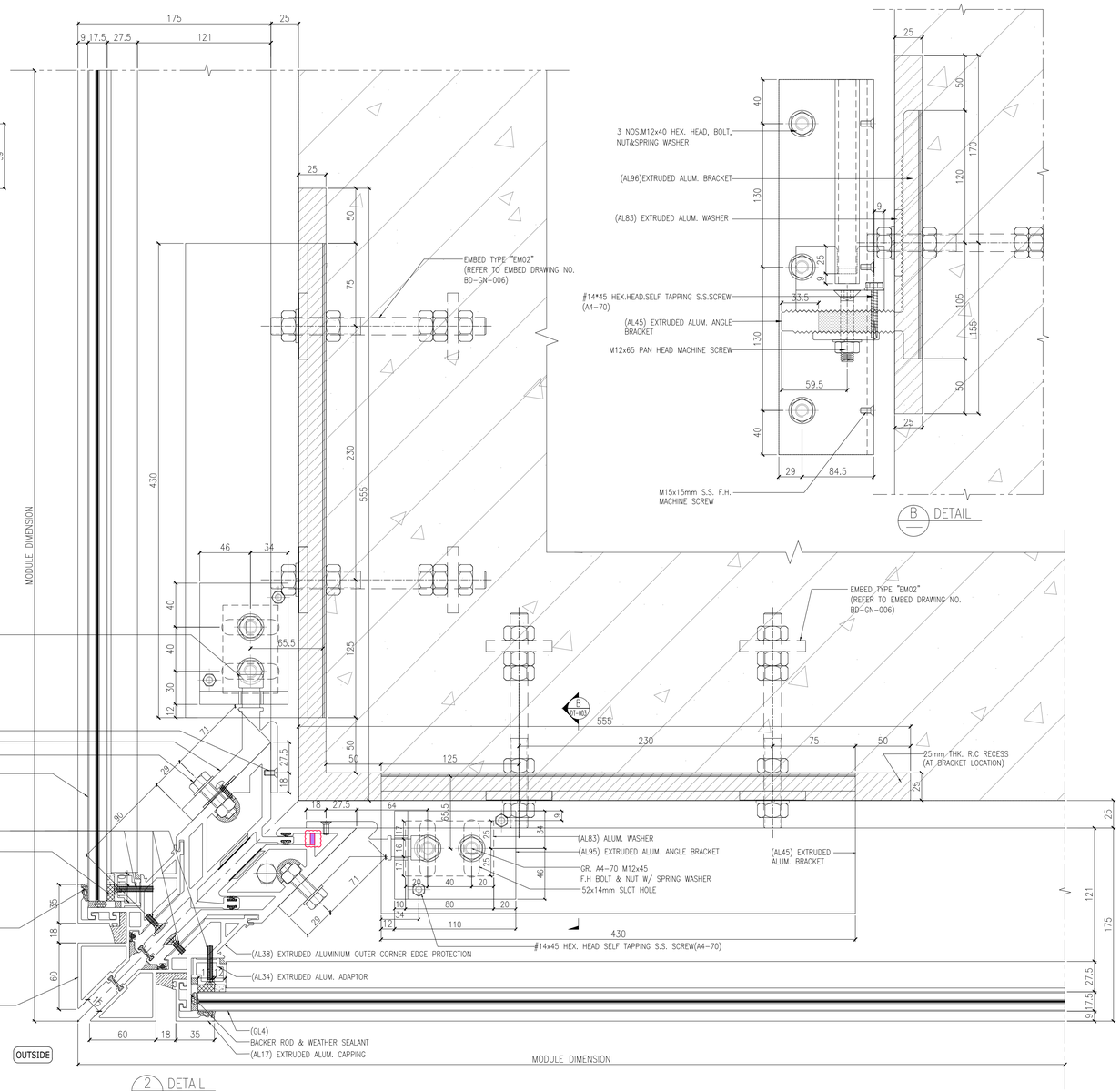
REV. : B



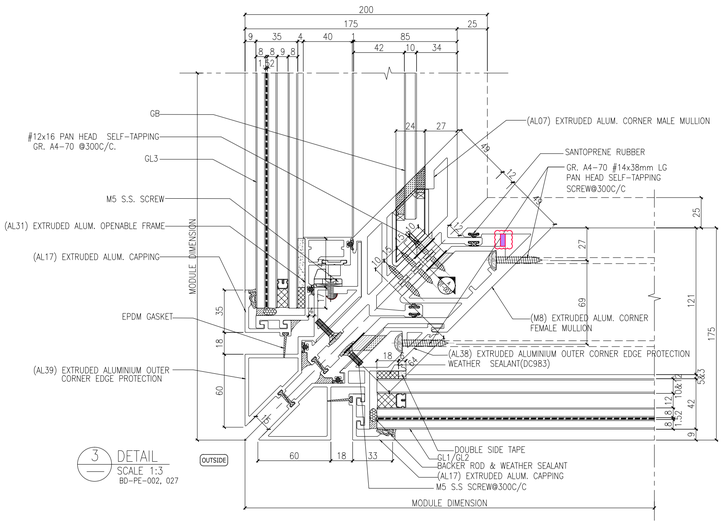
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SCALE 1:3
BD-PE-009~011
014,017,020
021,025



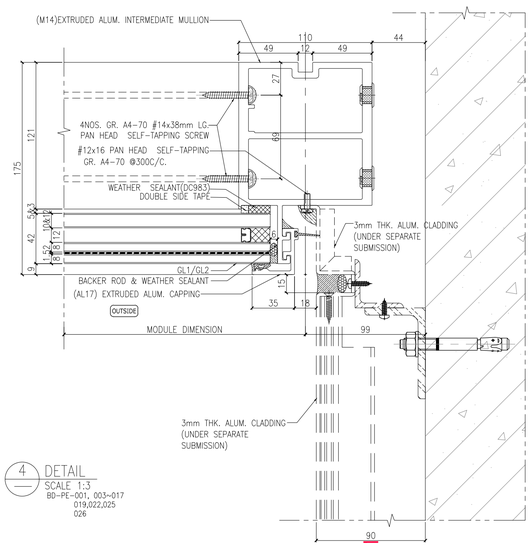
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(FOR INFORMATION ONLY)



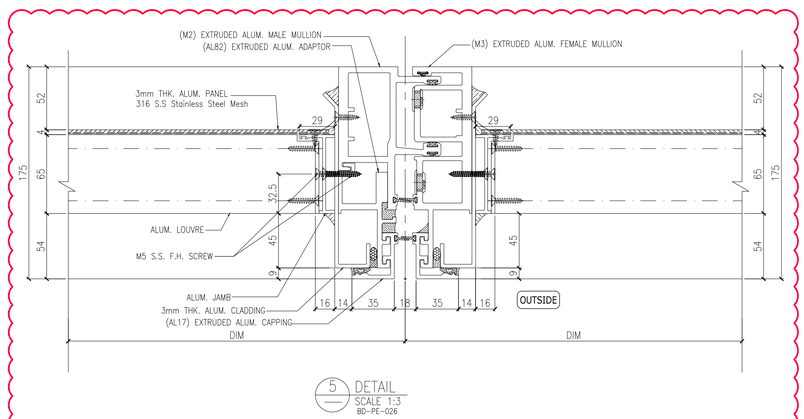
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014,017,020
021,025,027



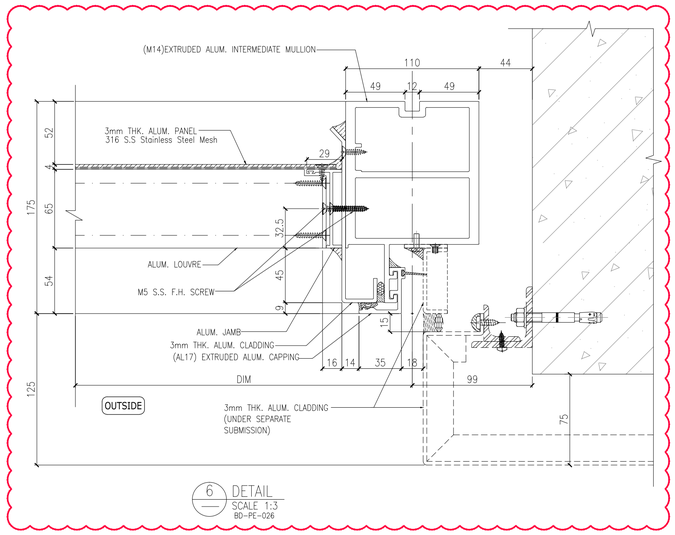
3 DETAIL
SCALE 1:3
BD-PE-002, 027



4 DETAIL
SCALE 1:3
BD-PE-001, 003~017
019,022,025
026



5 DETAIL
SCALE 1:3
BD-PE-026



6 DETAIL
SCALE 1:3
BD-PE-026

B.D. REF : BD 3/4056/19

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

TITLE :
FACADE DETAILS

JOB NO. : 12156

DRAWN BY : AN

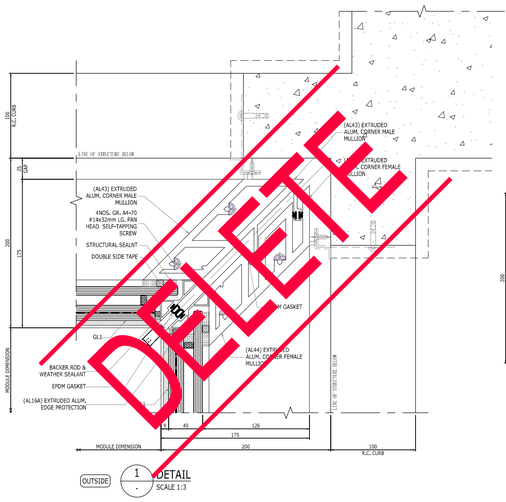
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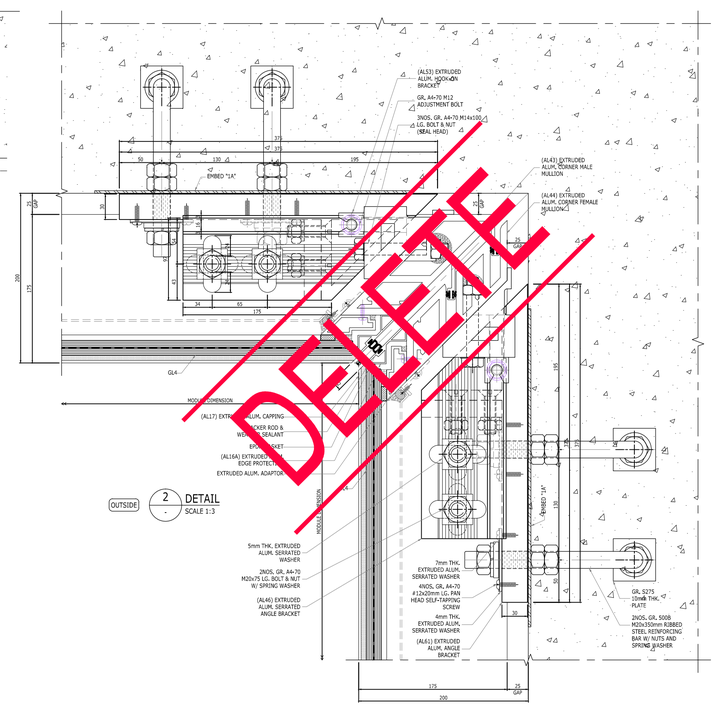
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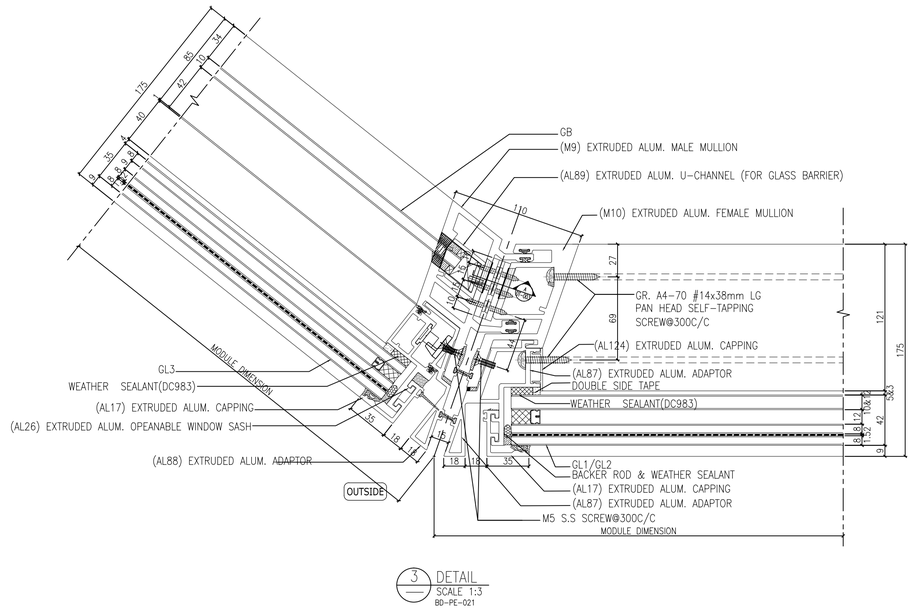
SCALE A1: AS SHOW
A3:

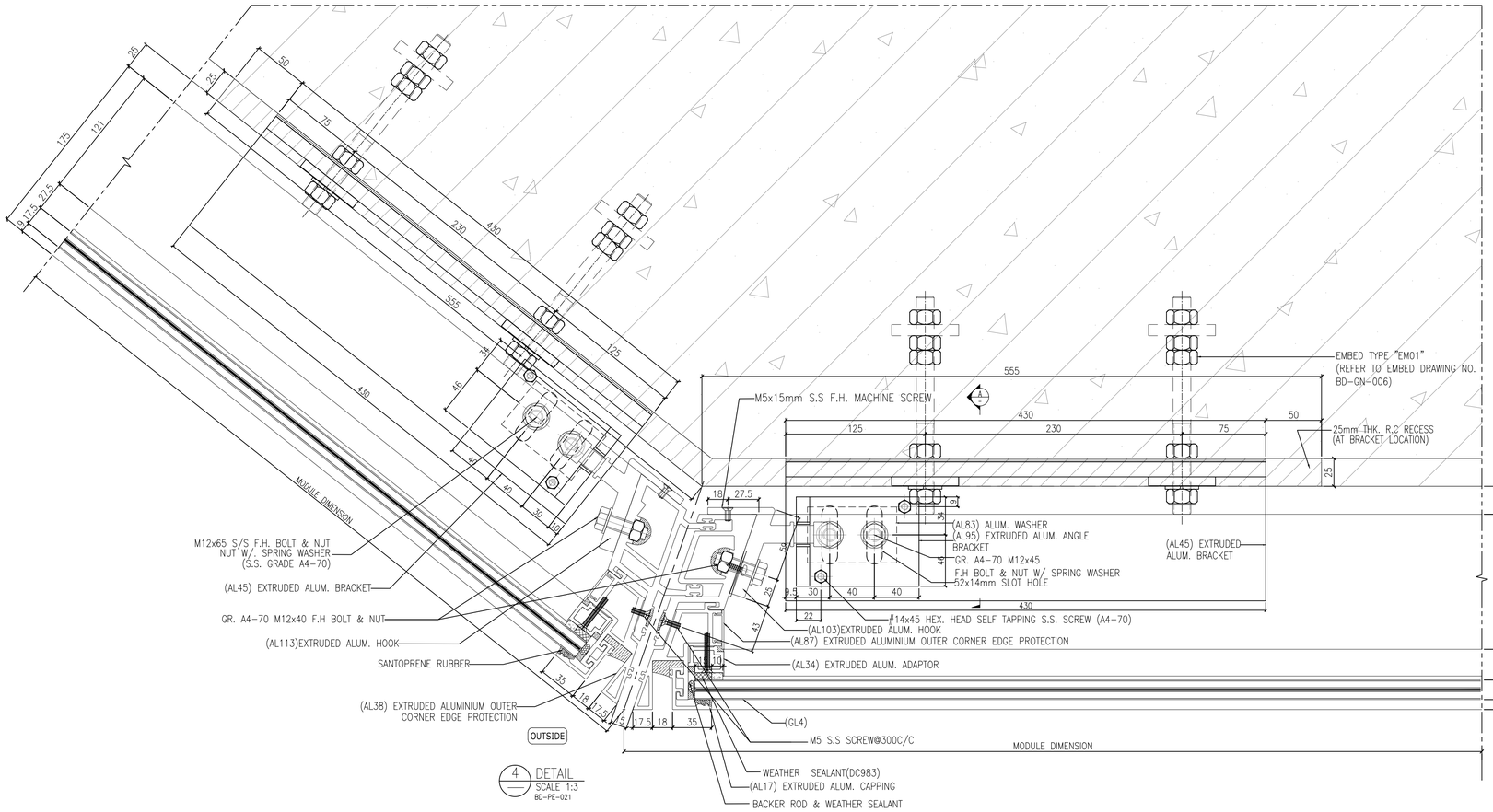
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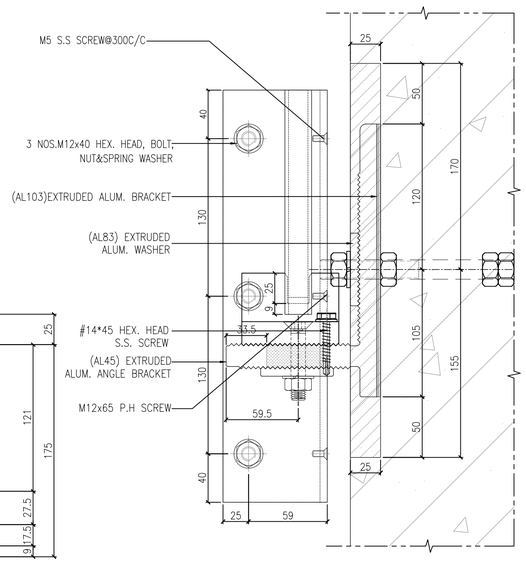
REV. : B











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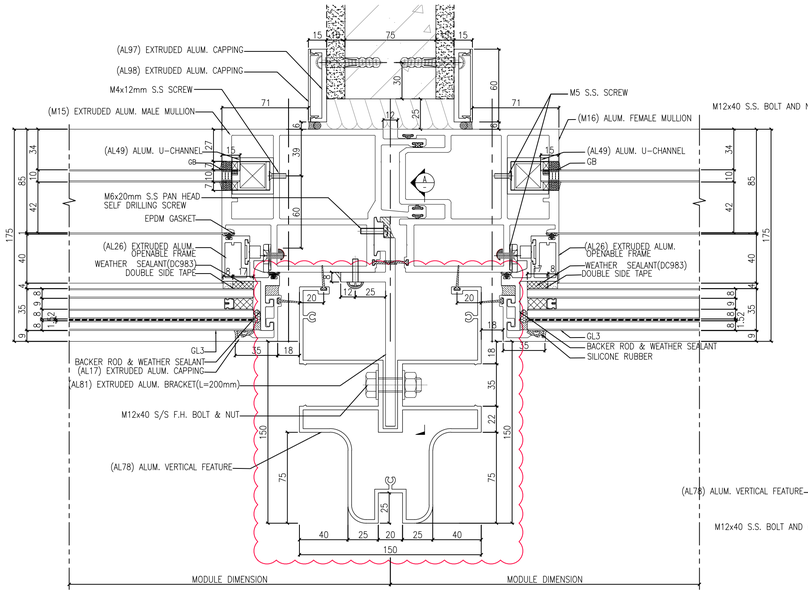
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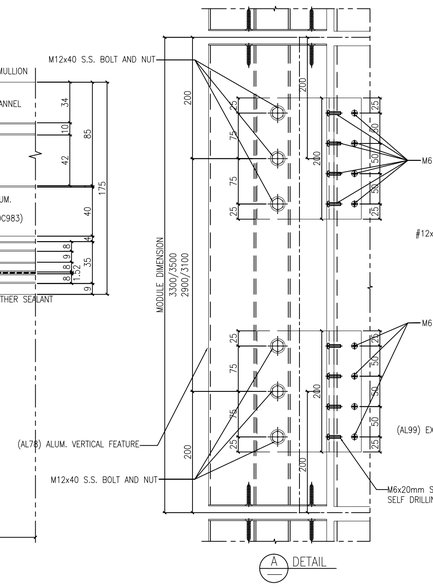
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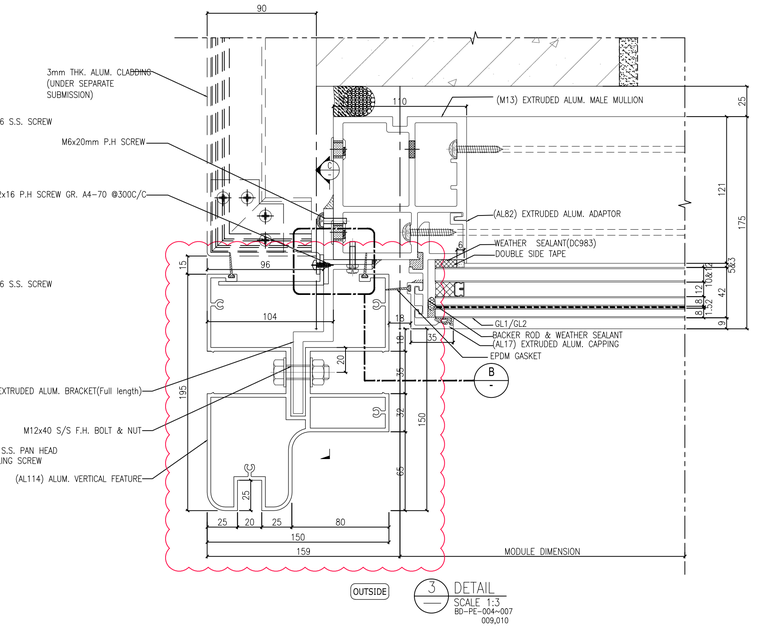
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FACADE DETAILS

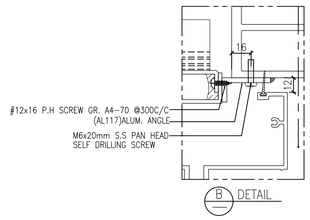
JOB NO. : 12156

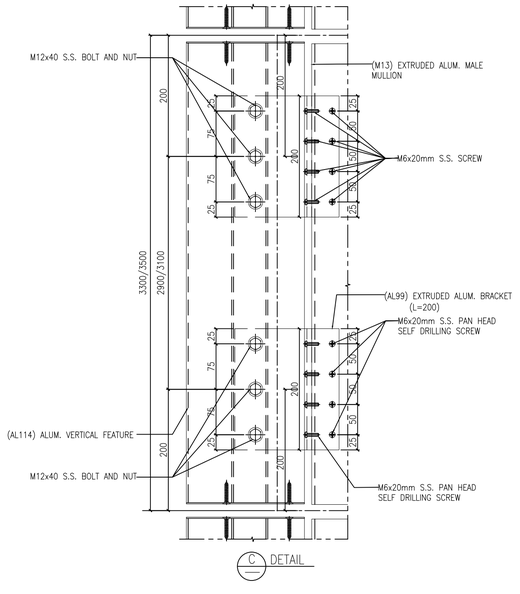
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DWG. NO. : BD-DT-004	REV. : B











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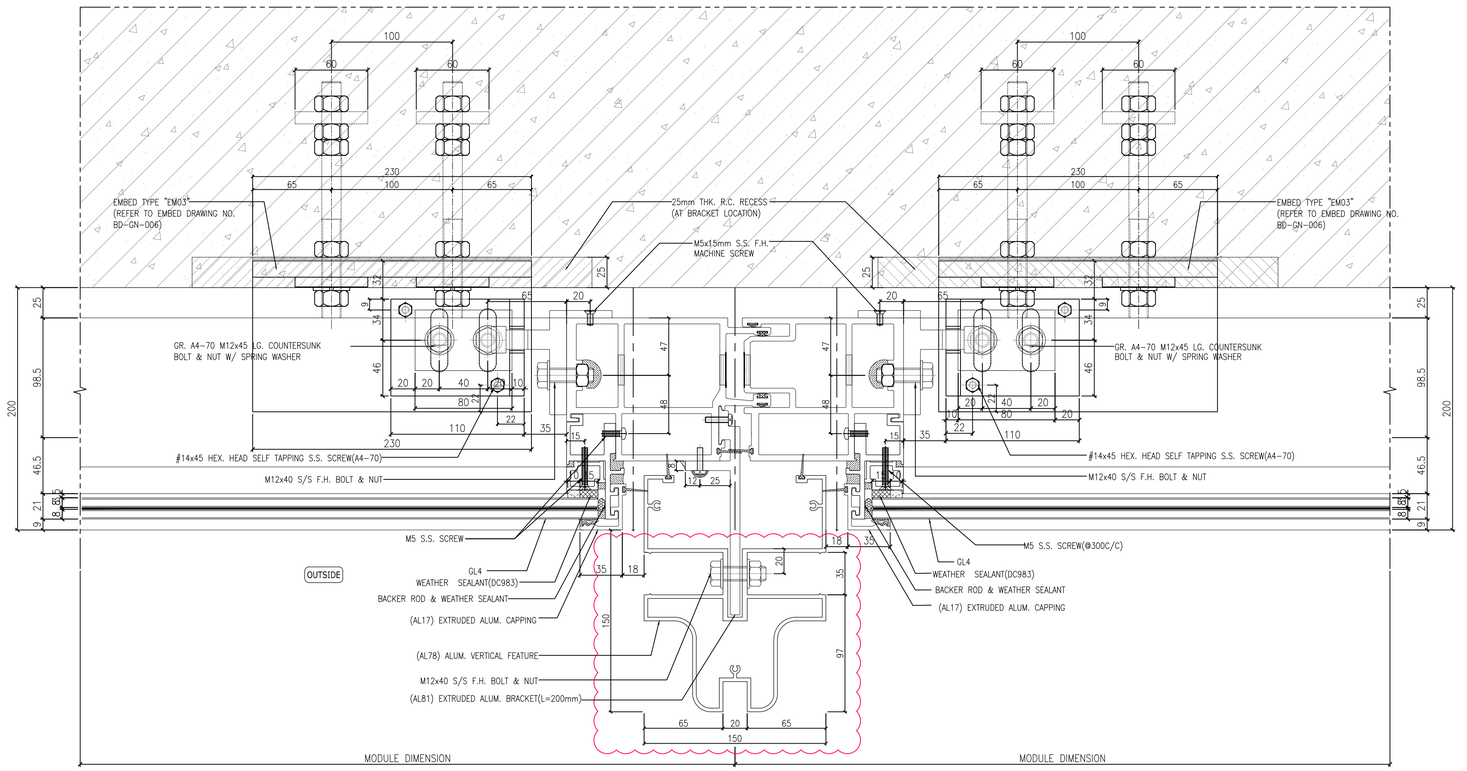
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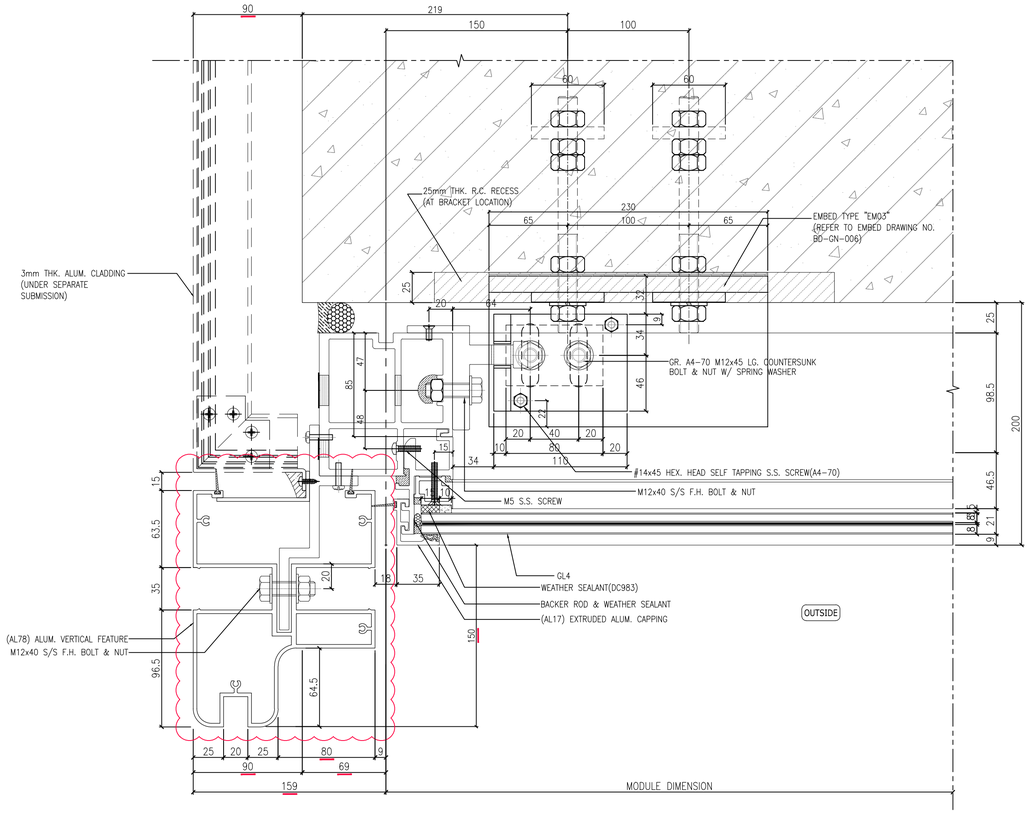
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A3:

DWG. NO. : BD-DT-006

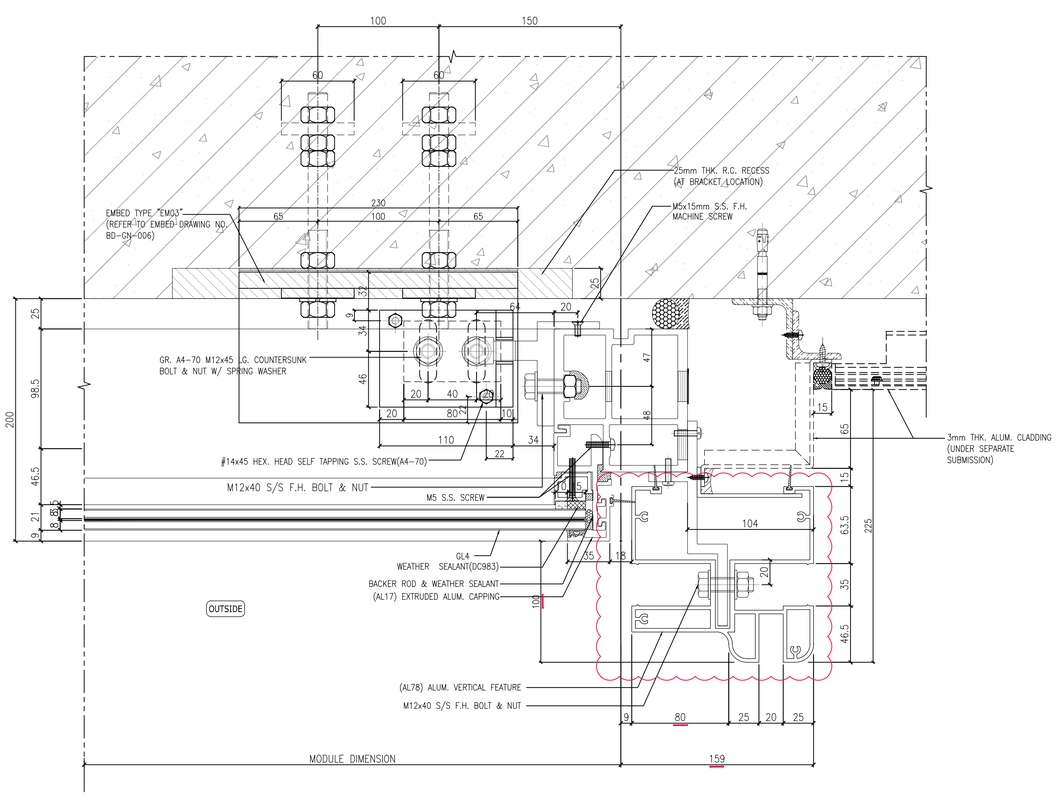
REV. : A



1 DETAIL
SCALE 1:3
BD-PE-001,003,008



2 DETAIL
SCALE 1:3
BD-PE-004~007,009



3 DETAIL
SCALE 1:3
BD-PE-009

B.D. REF : BD 3/4056/19

F.S.D. REF :

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裕民建築有限公司

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

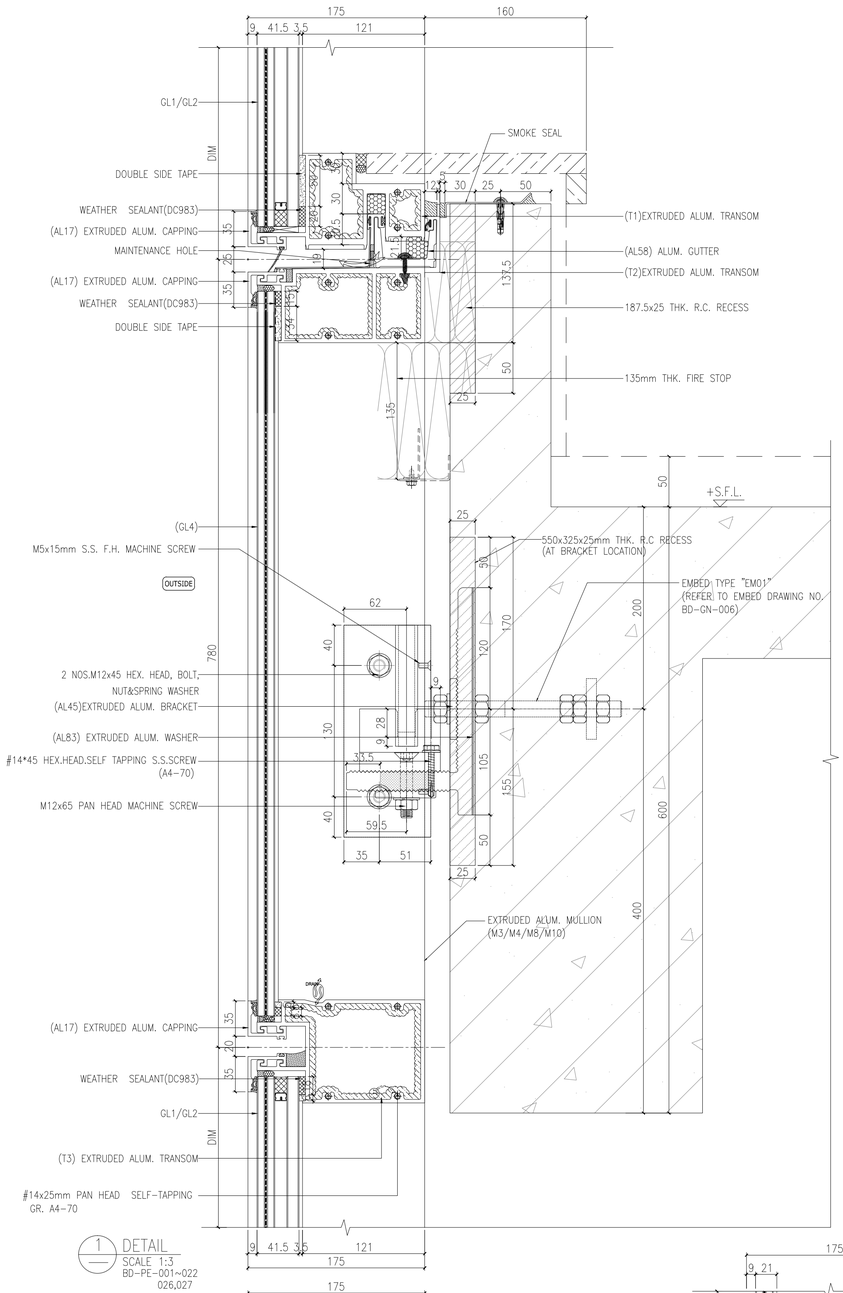
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

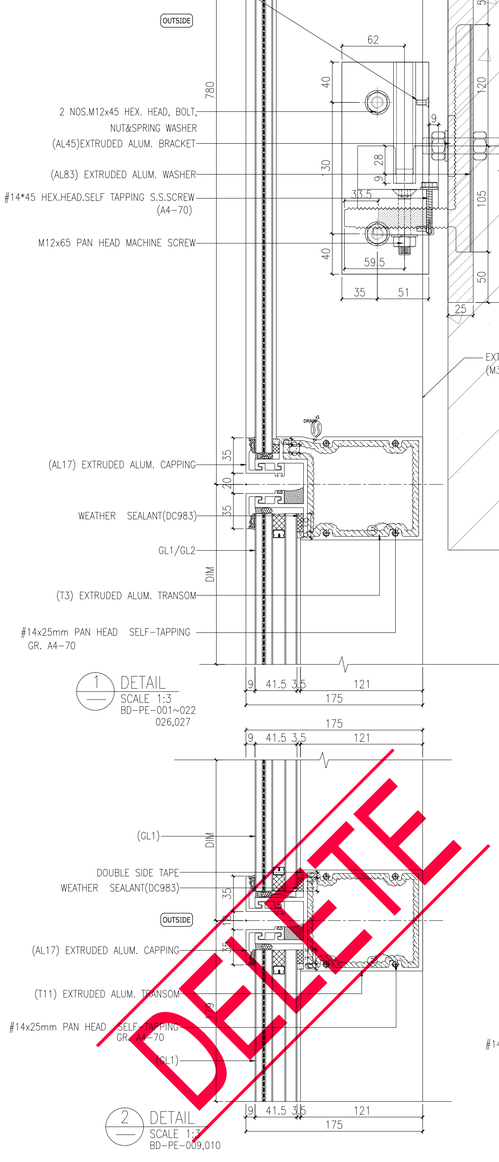
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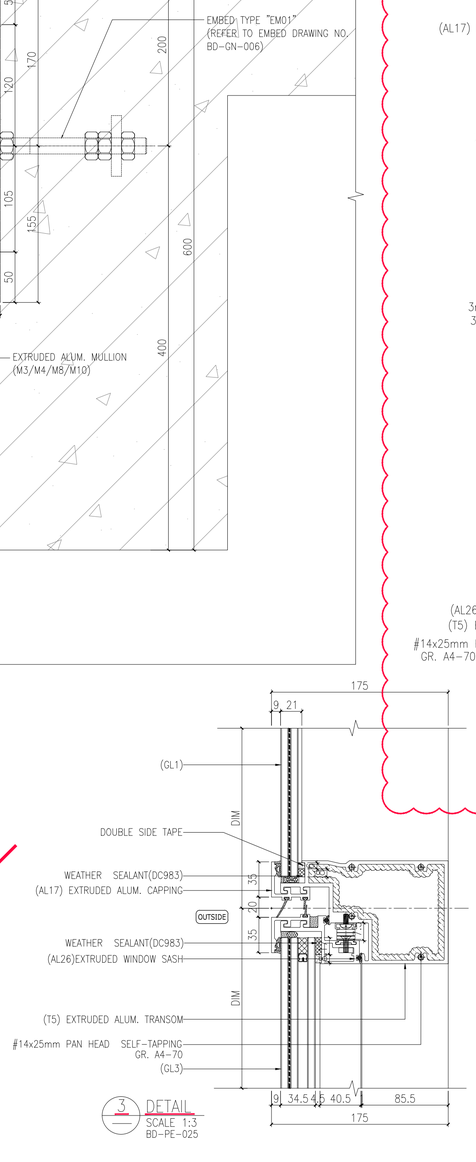
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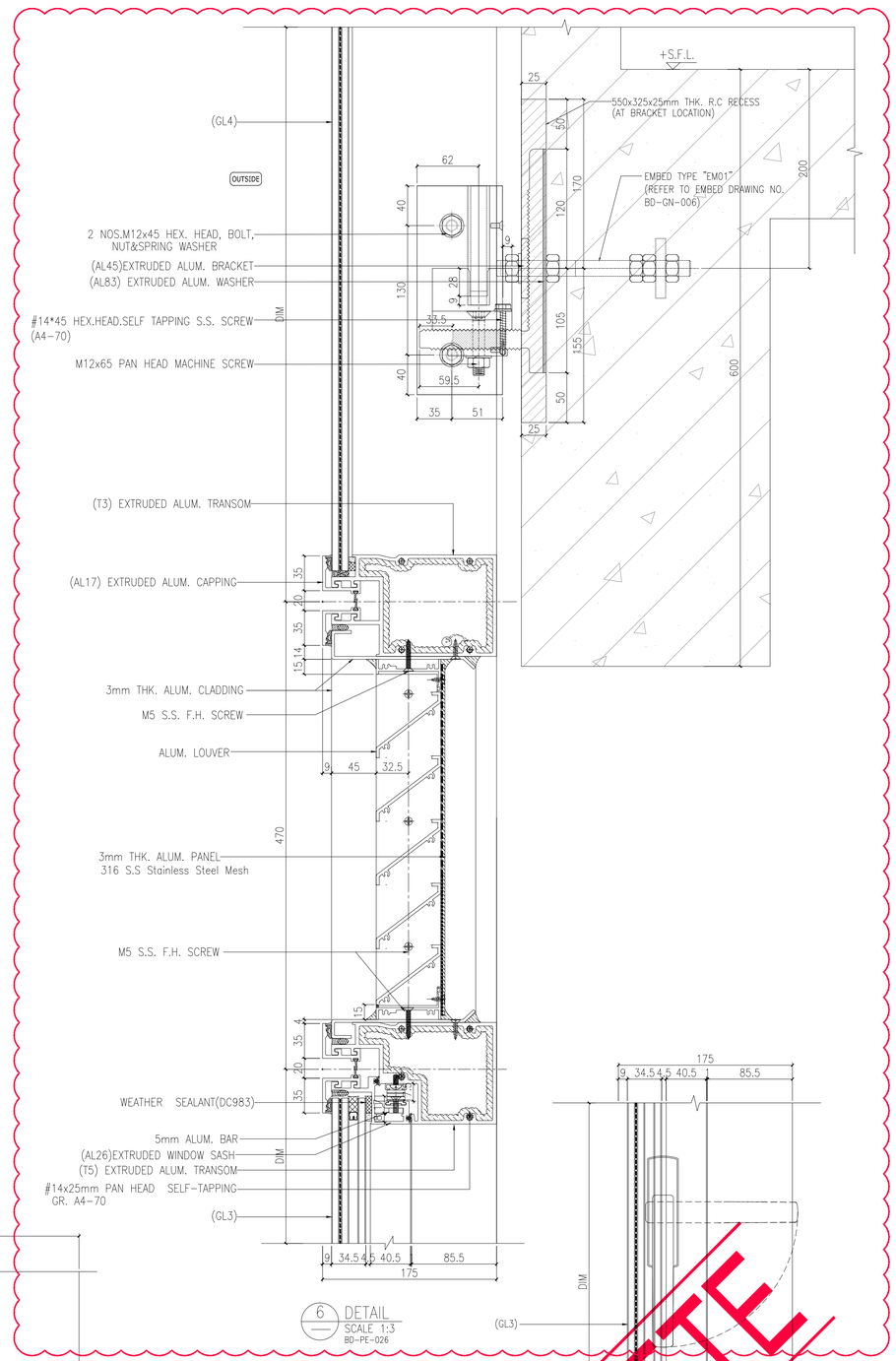
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DATE : 18.Oct.2021
CHKD BY :
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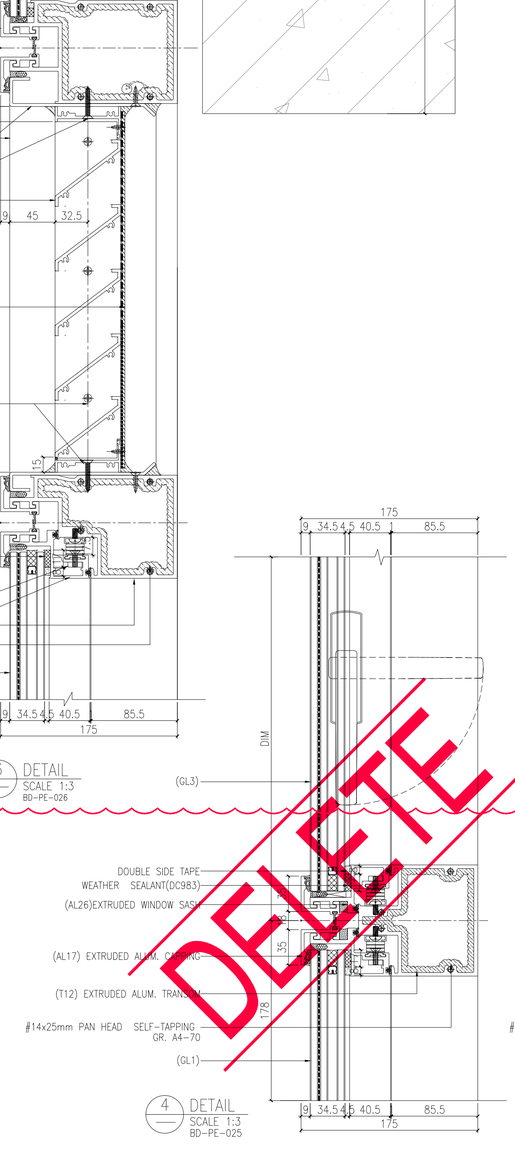
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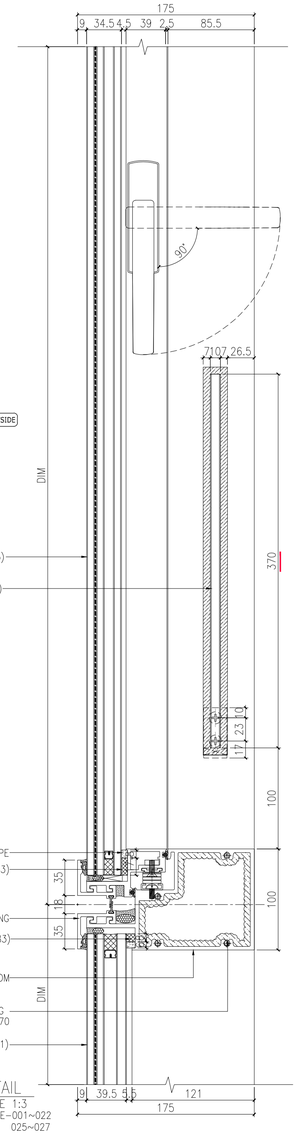












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B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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A	01.Nov.2021	1st AMENDMENT	

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BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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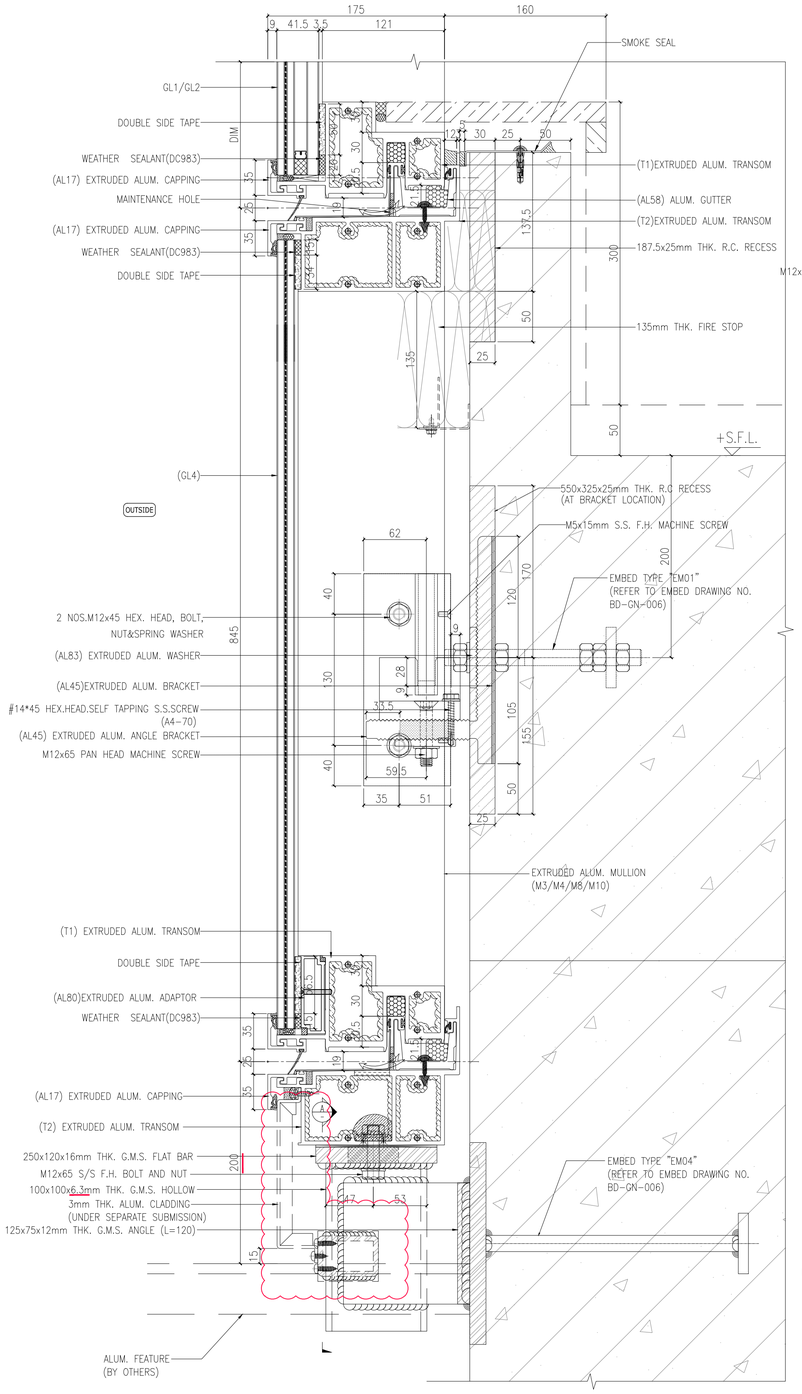
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

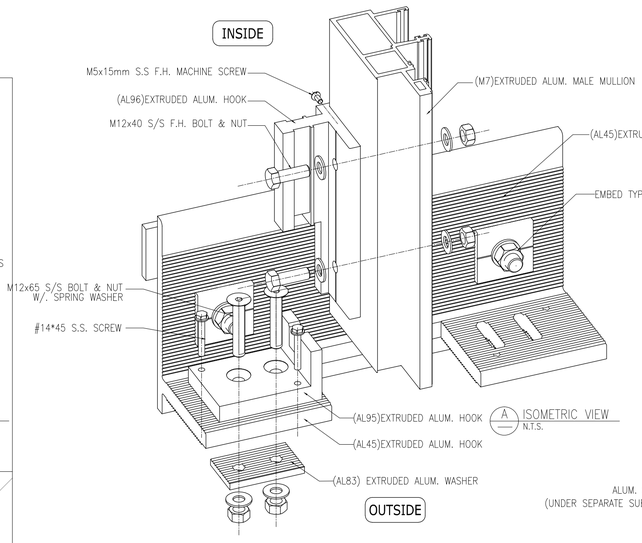
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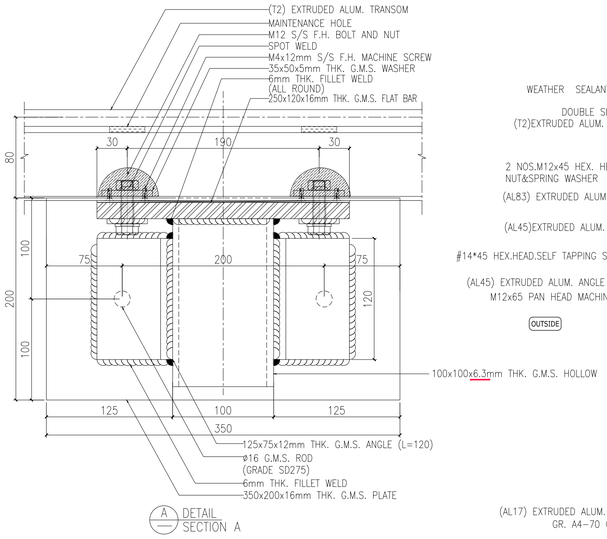
JOB NO. : 12156

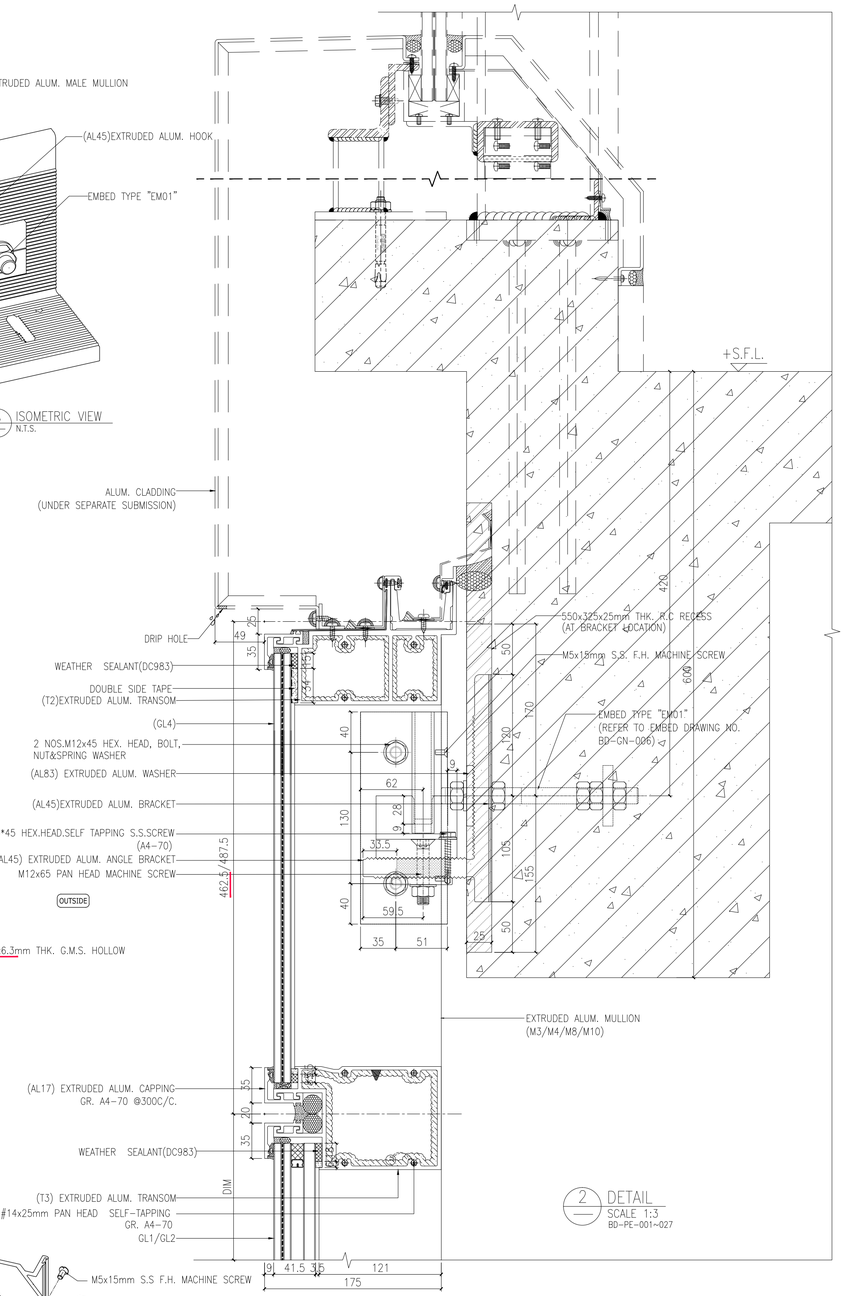
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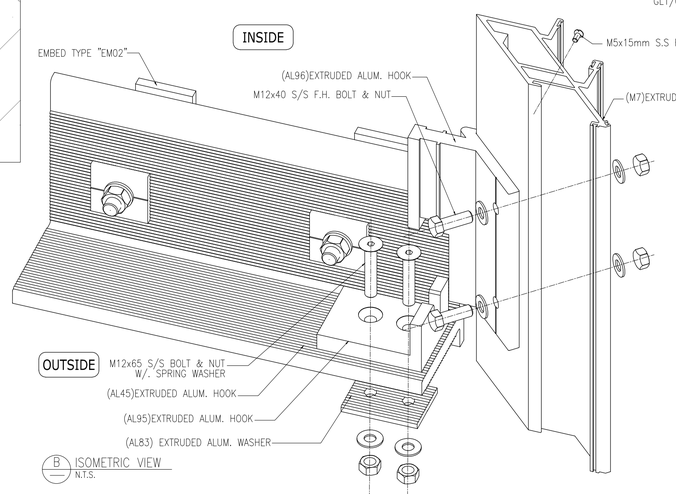
DWG. NO. : BD-DT-101
REV. : B











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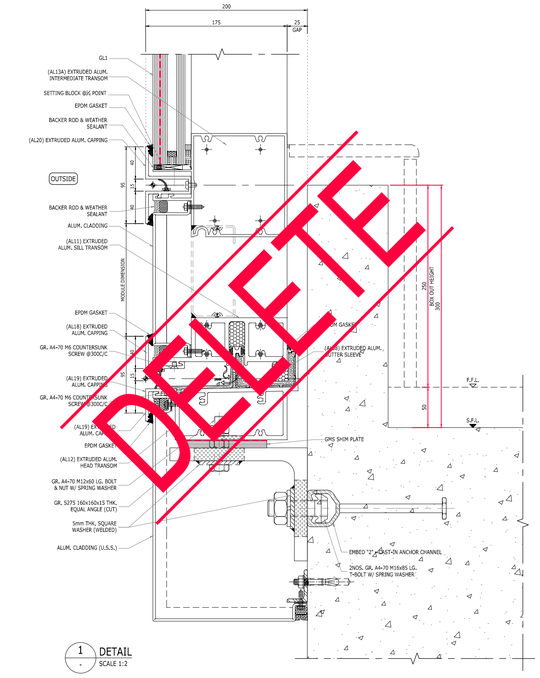
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

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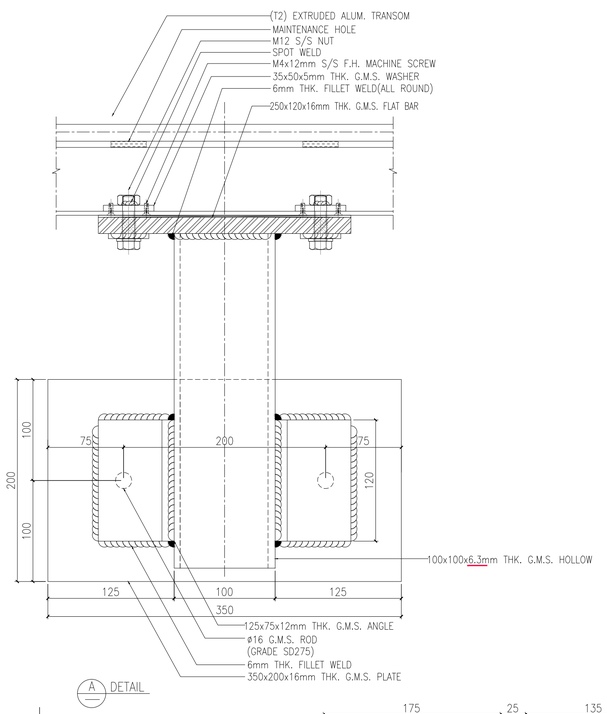
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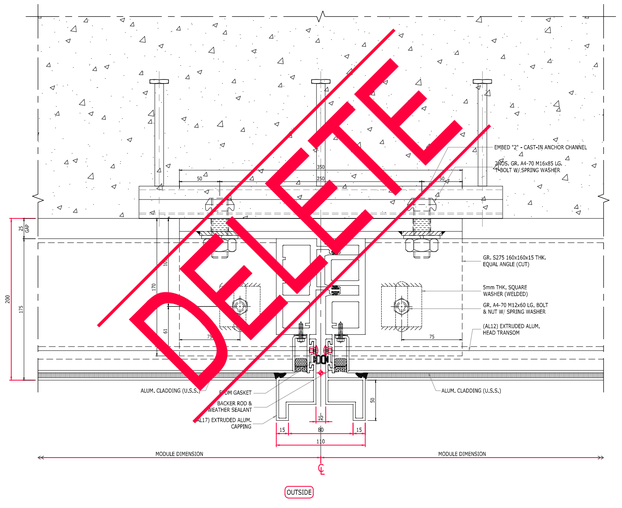
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DWG. NO. : BD-DT-102	REV. : B



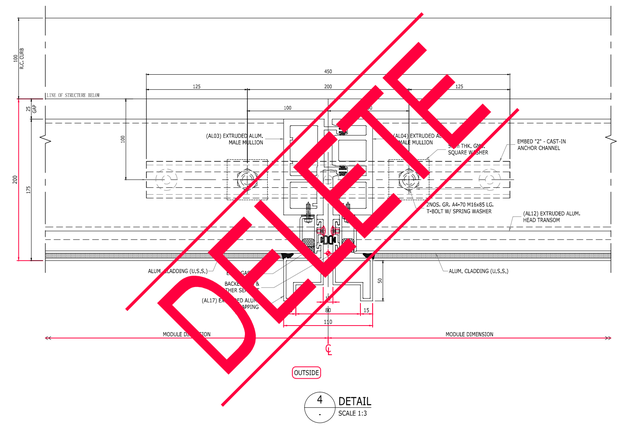
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SCALE 1:2



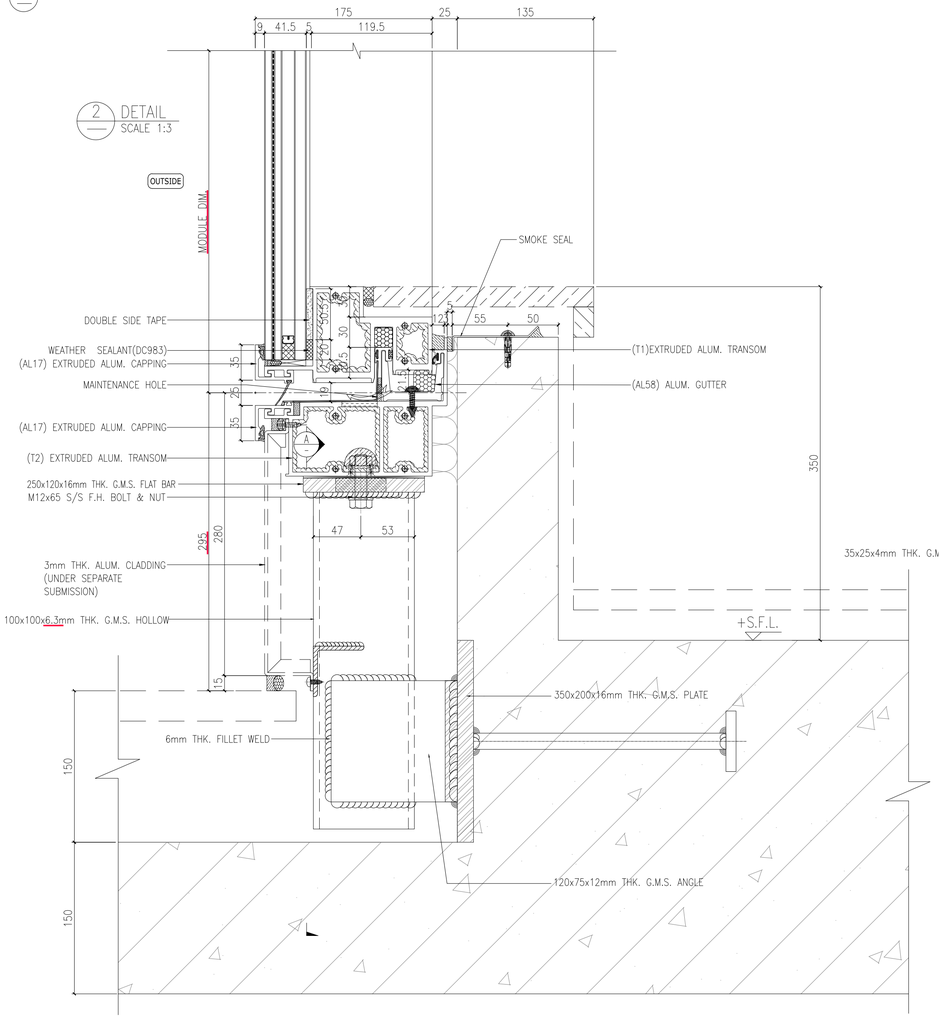
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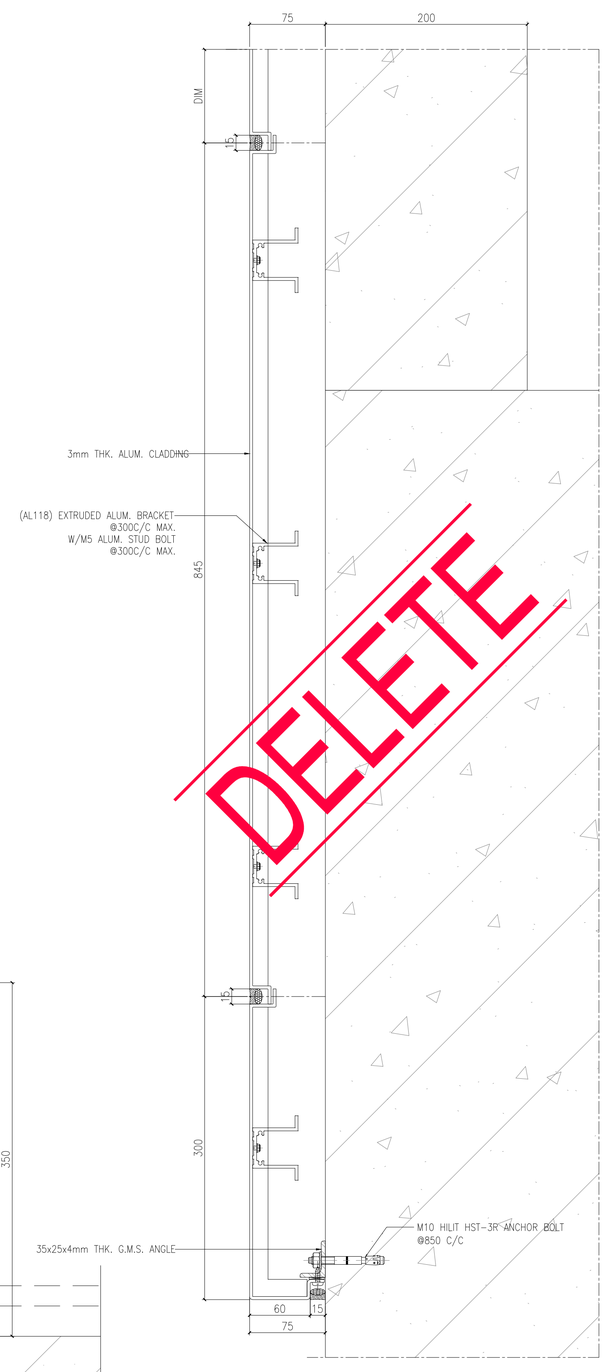


3 DETAIL
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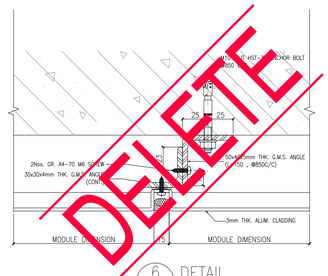


4 DETAIL
SCALE 1:3





5 DETAIL
SCALE 1:3



6 DETAIL
SCALE 1:3

DELETE

DELETE

DELETE

DELETE

B.D. REF : BD 3/4056/19

F.S.D. REF :

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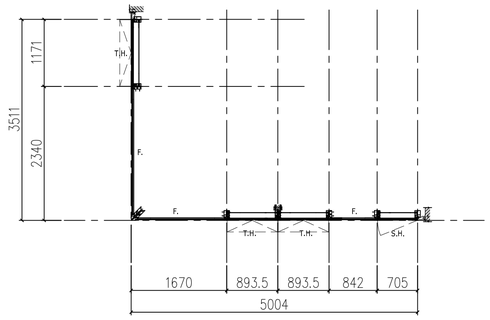
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
FACADE DETAILS

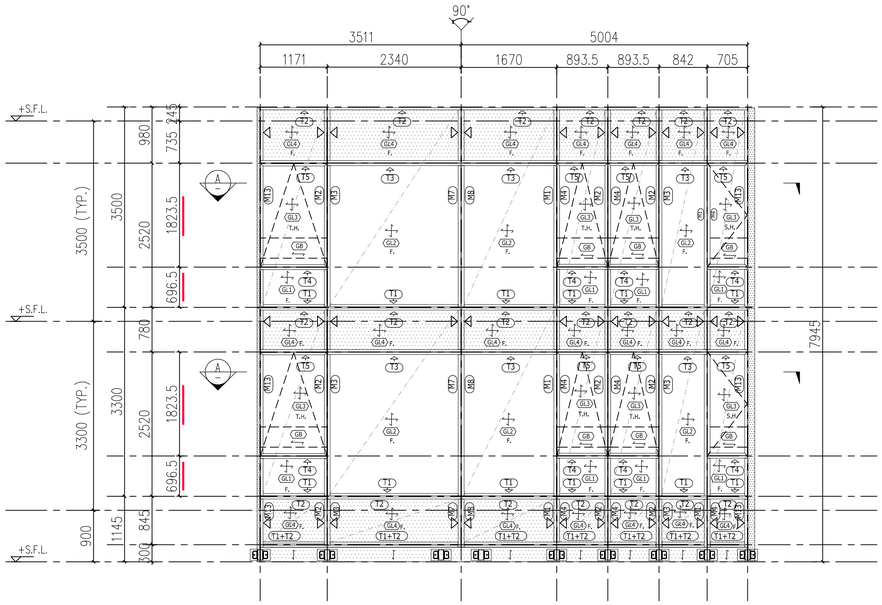
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DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
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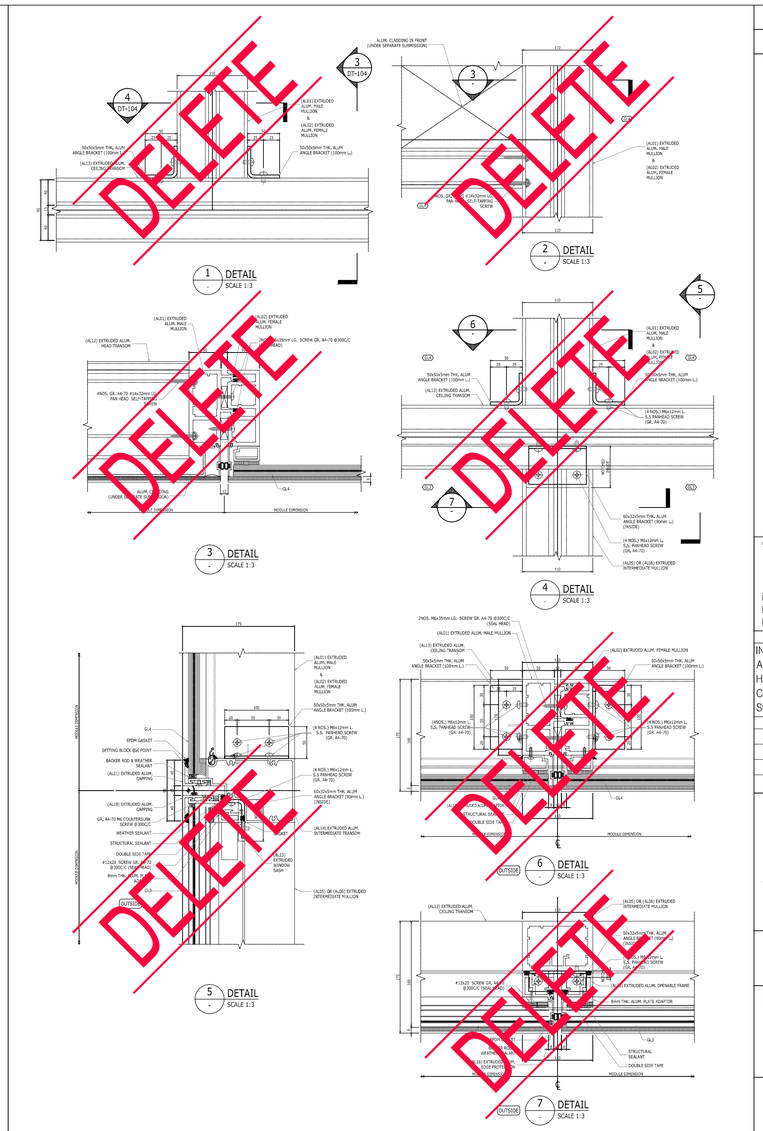
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REV. : B

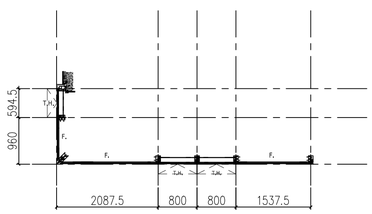


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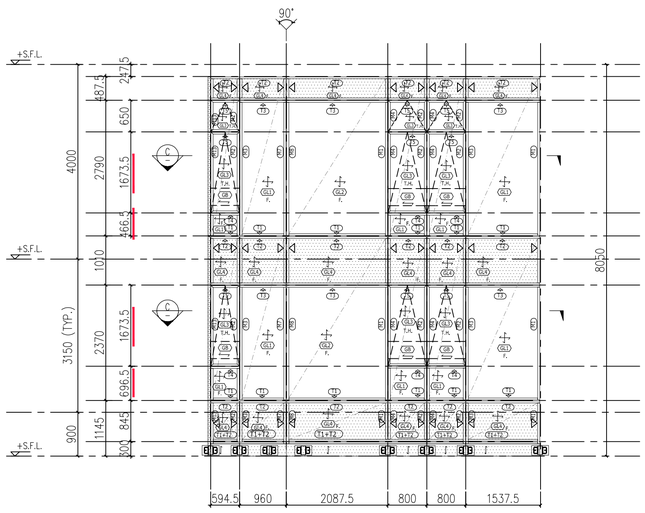


B PMU ELEVATION
SCALE 1:50





C PMU LAYOUT PLAN
SCALE 1:50



D PMU ELEVATION
SCALE 1:50

LEGEND :

S.F.L. = STRUCTURAL FLOOR LEVEL
C.W. = UNITIZED CURTAIN WALL (FOR BD APPROVAL)
F. = FIXED WINDOW
T.H. = TOP HUNG WINDOW
S.H. = SIDE HUNG WINDOW
◁ = WIND LOAD +DEAD LOAD FIXING LOCATION (EM1,EM2,EM3,~~EM5,EM6,EM7~~)
◀ = WIND LOAD FIXING LOCATION (EM4)

GL1 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 12mm AIR SPACE + 10mm LOW IRON GLASS FULLY TEMPERED IGU LAMINATED CLEAR GLASS
8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER

GL2 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 12mm AIR SPACE + 12mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL3 = 8mm HEAT STRENGTHEN LOW IRON GLASS + 1.52 PVB INTERLAYER + 9mm AIR SPACE + 8mm LOW IRON FULLY TEMPERED IGU LAMINATED CLEAR GLASS

GL4 = 8mm FULLY TEMPERED LAMINATED GLASS 1.52 PVB INTERLAYER 8mm FULLY TEMPERED LAMINATED GLASS

GB = 10mm FULLY TEMPERED MONOLITHIC CLEAR GLASS (BARRIER)

S.J. = STACK JOINT
M1 = EXTRUDED ALUM. MALE MULLION (AL03)
M2 = EXTRUDED ALUM. MALE MULLION (AL03A)
M3 = EXTRUDED ALUM. FEMALE MULLION (AL04)
M4 = EXTRUDED ALUM. FEMALE MULLION (AL04A)
M7 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL07)
M8 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL08)
M9 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL86)
M10 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL85)
M11 = EXTRUDED ALUM. OUTER CORNER MALE MULLION (AL43)
M12 = EXTRUDED ALUM. OUTER CORNER FEMALE MULLION (AL44)
M13 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL65)
M14 = EXTRUDED ALUM. INTERMEDIATE MULLION (AL66)
M15 = EXTRUDED ALUM. MALE MULLION (AL67)
M16 = EXTRUDED ALUM. FEMALE MULLION (AL68)

T1 = EXTRUDED ALUM. SILL STACK JOINT (AL11)
T2 = EXTRUDED ALUM GUTTER STACK JOINT (AL12)
T3 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL13)
T4 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL15)
T5 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL14)
T6 = EXTRUDED ALUM. INTERMEDIATE TRANSOM (AL59)
T7 = EXTRUDED ALUM. TRANSOM (AL71)
T8 = EXTRUDED ALUM. TRANSOM (AL72)
T9 = EXTRUDED ALUM. TRANSOM (AL69)
T10 = EXTRUDED ALUM. TRANSOM (AL70)
T11 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL106)
T12 = EXTRUDED ALUM. INTERMEDIATE TRANSOM(AL107)
T13 = EXTRUDED ALUM GUTTER STACK JOINT (AL105)

B.D. REF : BD 3/4056/19

F.S.D. REF :

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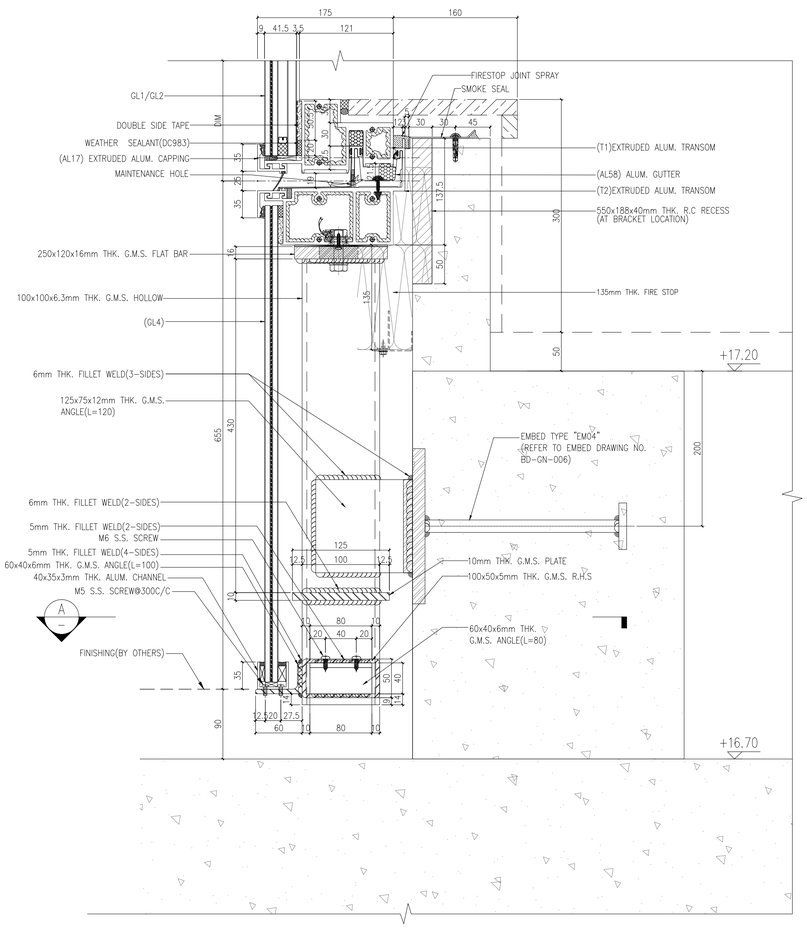
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
FACADE DETAILS

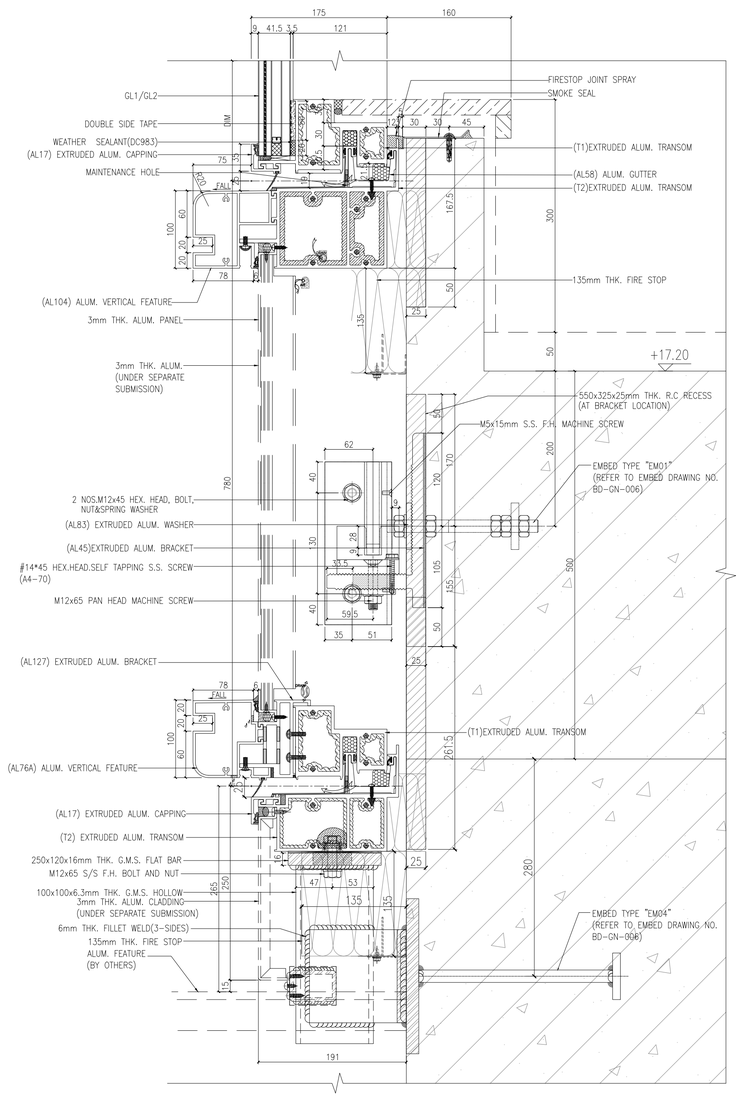
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DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
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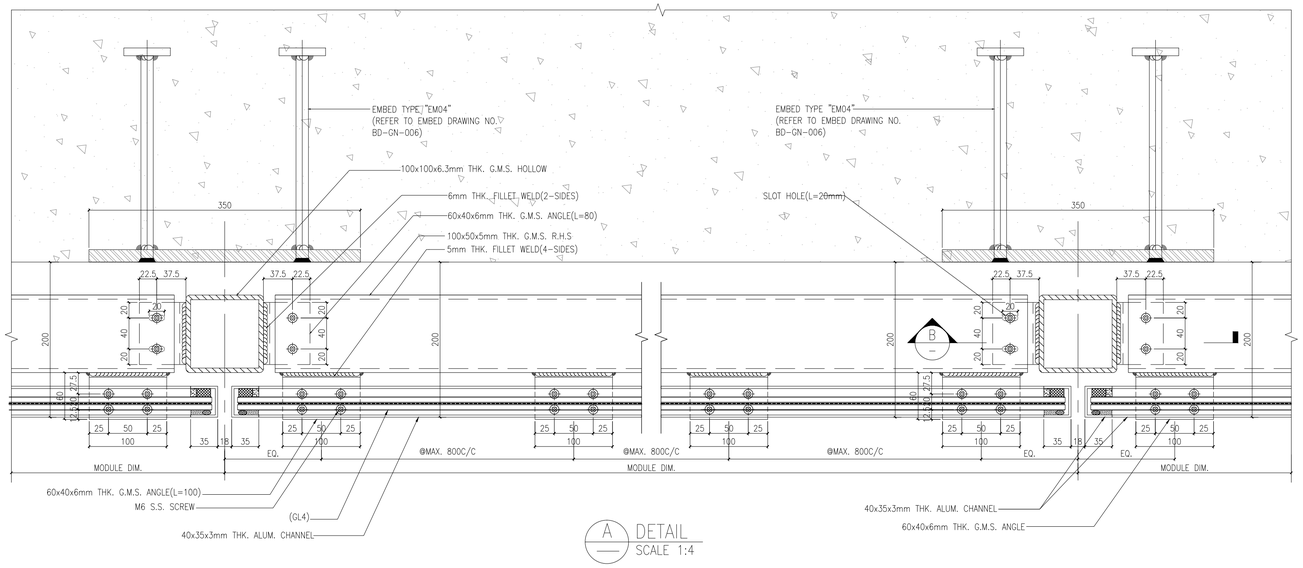
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REV. : B



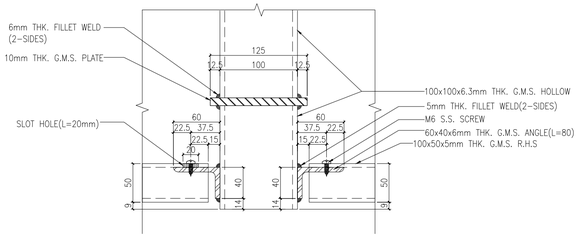
1 DETAIL
SCALE 1:4
BD-PE-001



2 DETAIL
SCALE 1:4
BD-PE-007



A DETAIL
SCALE 1:4



B DETAIL
SCALE 1:4

B.D. REF : BD 3/4056/19

F.S.D. REF :

NEW DRAWING

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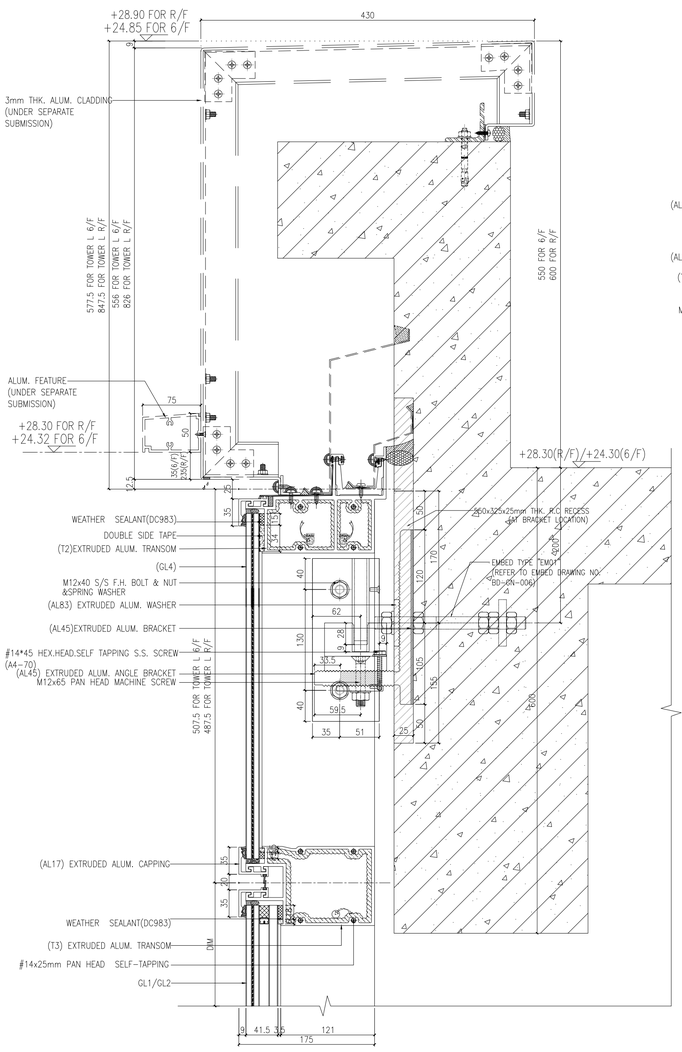
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FACADE DETAILS

JOB NO. : 12156

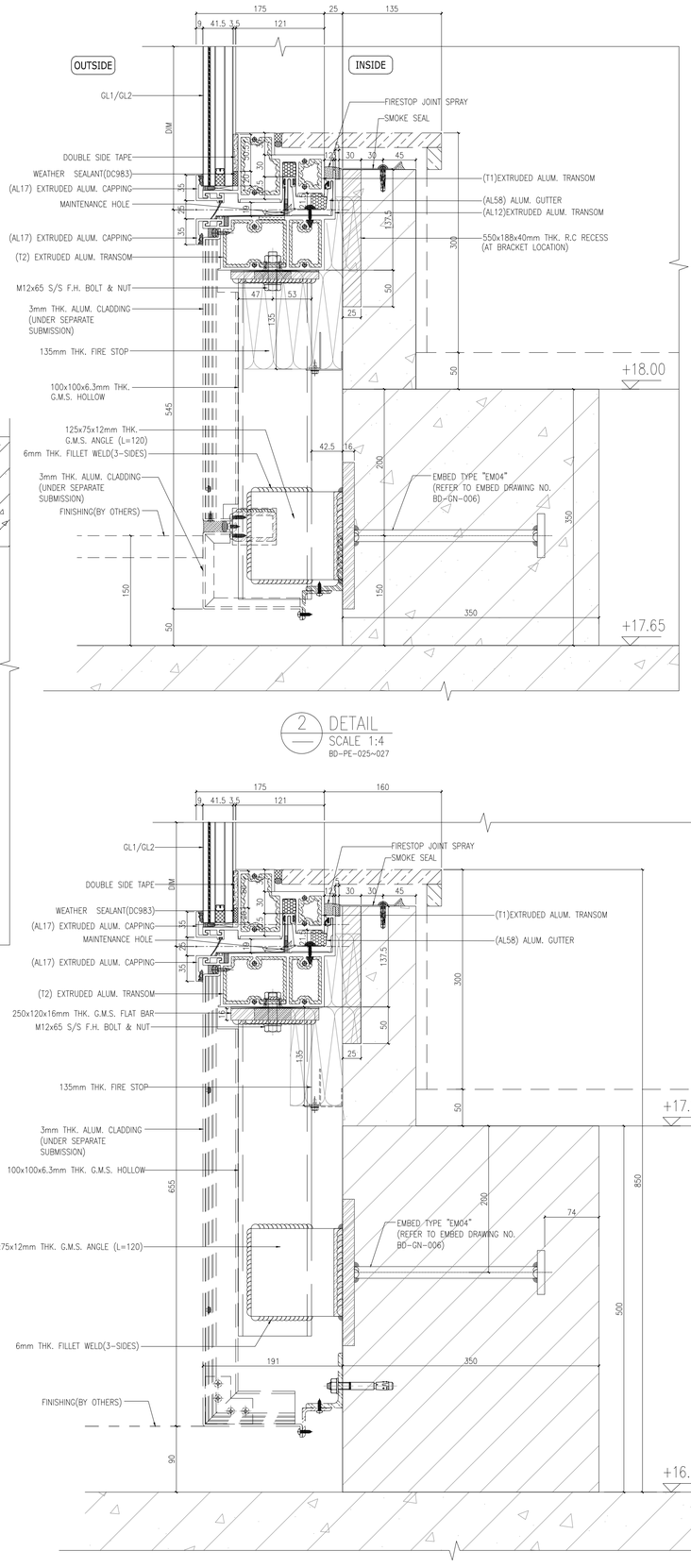
DRAWN BY : AN
DATE : 18.Oct.2021

CHKD BY :
SCALE A1: AS SHOW
A3:

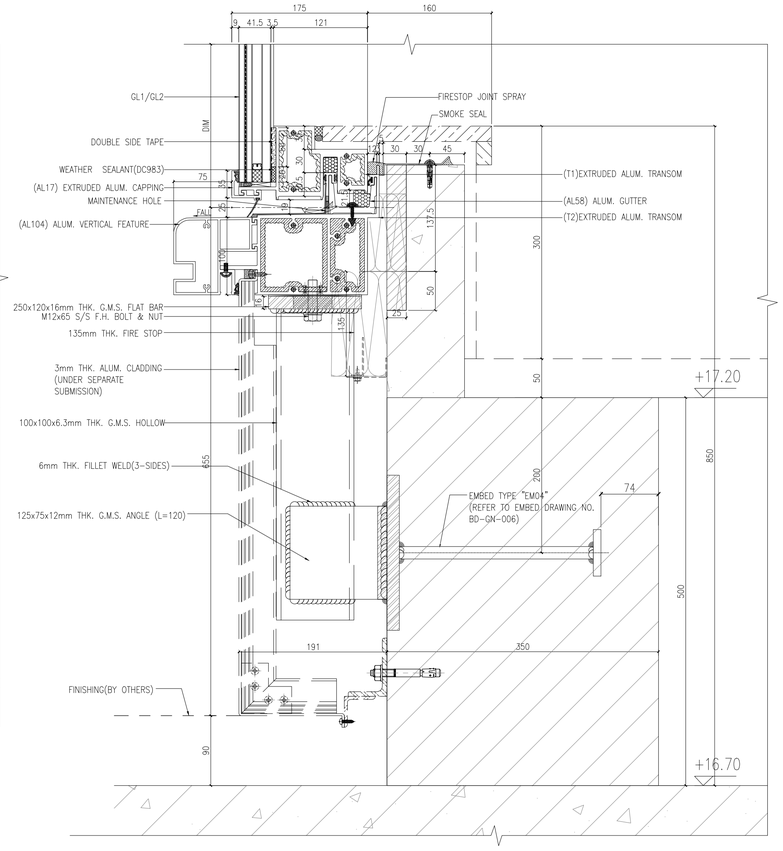
DWG. NO. : BD-DT-112
REV. : -



1 DETAIL
SCALE 1:4
BD-PE-025~027



2 DETAIL
SCALE 1:4
BD-PE-025~027



4 DETAIL
SCALE 1:4
BD-PE-010

3 DETAIL
SCALE 1:4
BD-PE-022

B.D. REF : BD 3/4056/19

F.S.D. REF :

NEW DRAWING

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

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REV.	DATE	DESCRIPTION	BY

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

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

TITLE :
FACADE DETAILS

JOB NO. : 12156

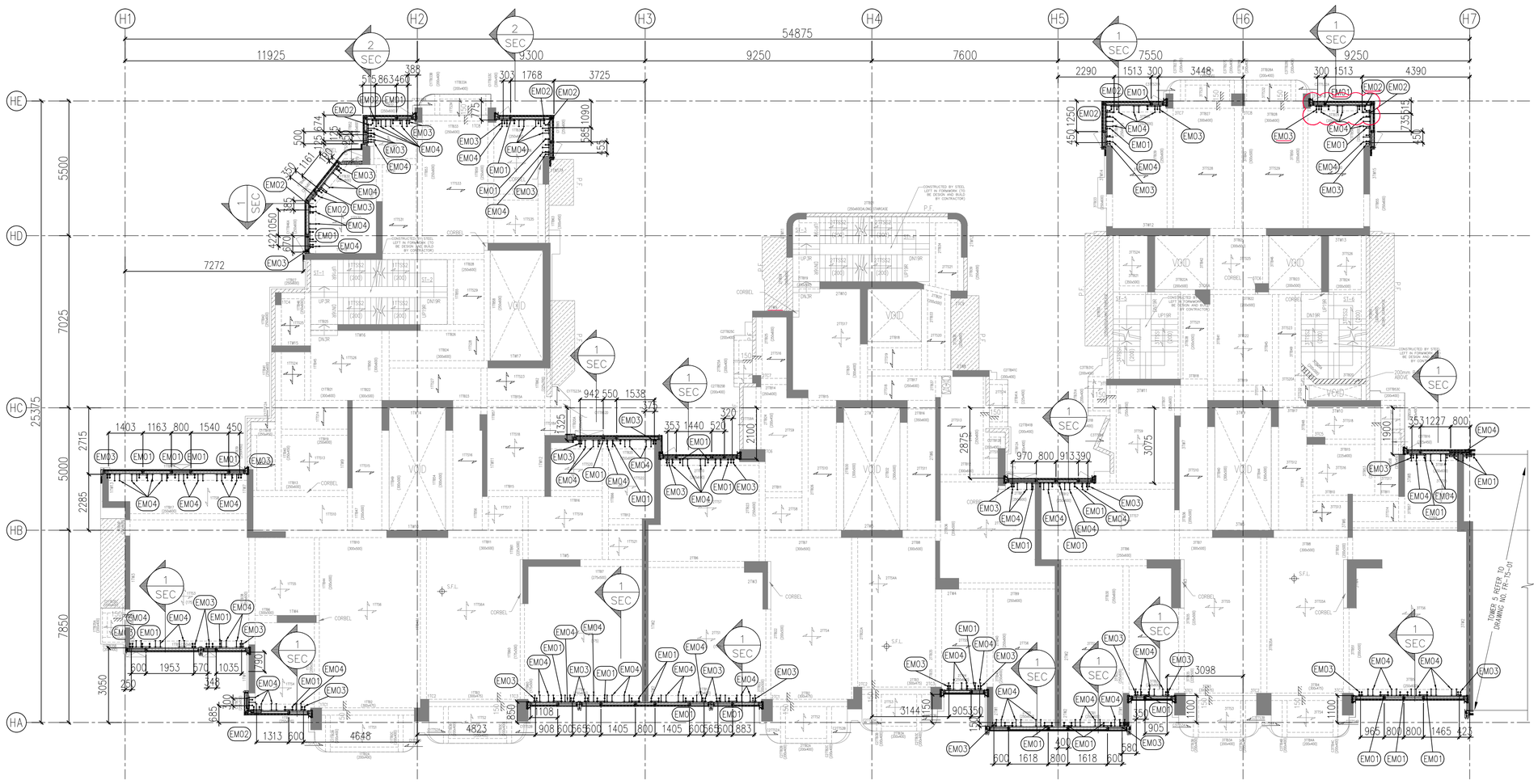
DRAWN BY : AN	DATE : 18.Oct.2021
CHKD BY :	SCALE A1: AS SHOW A3:

DWG. NO. : BD-DT-113 | REV. : –

STRUCTURE LEGENDS :(FOR INFORMATION ONLY)

- C1/W1 — PROPOSED COLUMN/WALL BELOW
- C1/W1 — PROPOSED COLUMN/WALL BELOW AND ABOVE
- C1/W1 — PROPOSED COLUMN/WALL ABOVE
- S.F.L. — PROPOSED STRUCTURAL LEVEL
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL ABOVE
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL BELOW
- PROPOSED MASS CONC. FILL (DENSITY = 24.5kN/m)
- PROPOSED CURTAIN WALL (DENSITY = 7.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED PRECAST FACADE (DENSITY = 13.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED 50mm SUNKEN

NOTE : THIS LAYOUT IS STARTER EMBED AT 2/F BEAM.



1 SEC — TOWER 1 2/F PLAN
SCALE 1:100

2 SEC — TOWER 2 2/F PLAN
SCALE 1:100

3 SEC — TOWER 3 2/F PLAN
SCALE 1:100

TOWER 1, 2 AND 3 STOREY LEVEL (S.F.L.)

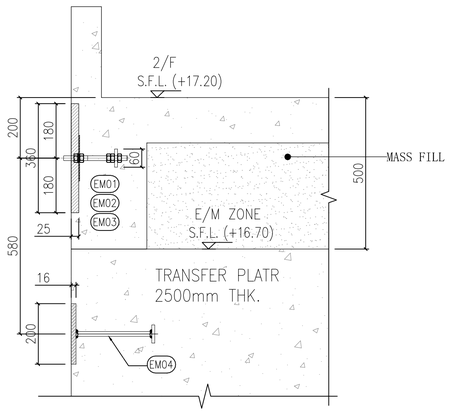
FLOOR MARK	LEVEL (mPD)
R/F	+110.00
33/F	+106.50
32/F	+103.00
31/F	+99.70
30/F	+96.40
29/F	+93.10
28/F	+83.20
27/F	+86.50
26/F	+83.20
25/F	+79.90
23/F	+76.60
22/F	+73.30
21/F	+70.00
20/F	+66.70
19/F	+63.40
18/F	+60.10
17/F	+56.80
16/F	+53.50
15/F	+50.20
12/F	+46.90
11/F	+43.60
10/F	+40.30
9/F	+37.00
8/F	+33.70
7/F	+30.40
6/F	+27.10
5/F	+23.80
3/F	+20.50
2/F	+17.20

EMBED MARK LEGEND:

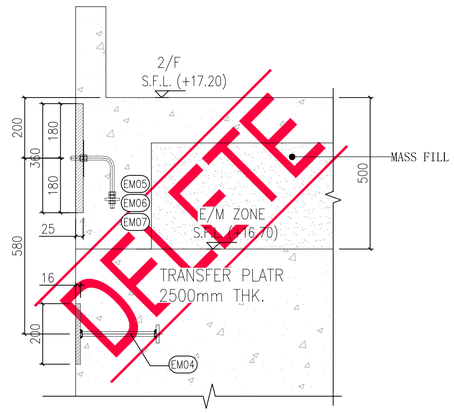
- EM01 : CAST-IN TYPE EM01
- EM02 : CAST-IN TYPE EM02
- EM03 : CAST-IN TYPE EM03
- EM04 : CAST-IN TYPE EM04
- EM01+04 : CAST-IN TYPE EM01(@ H/L) + EM04(@ L/L)
- EM02+04 : CAST-IN TYPE EM02(@ H/L) + EM04(@ L/L)
- EM03+04 : CAST-IN TYPE EM03(@ H/L) + EM04(@ L/L)

– ALL CAST-IN EMBED DETAIL REFER DWG. No.: BD-GN-006

NOTES :
1. ALL BEAMS TO BE 205mm(B) X 500mm(D), UNLESS OTHERWISE SPECIFIED.
2. ALL SLABS TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
3. ALL B.W. TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
4. ALL H.W. TO BE 200mm THICK, UNLESS OTHERWISE SPECIFIED.



1 SEC — VERTICAL SECTION
SCALE: 1:10



2 SEC — VERTICAL SECTION
SCALE: 1:10

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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TEL: (852) 2552 1266
E-mail: cmwal@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

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

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

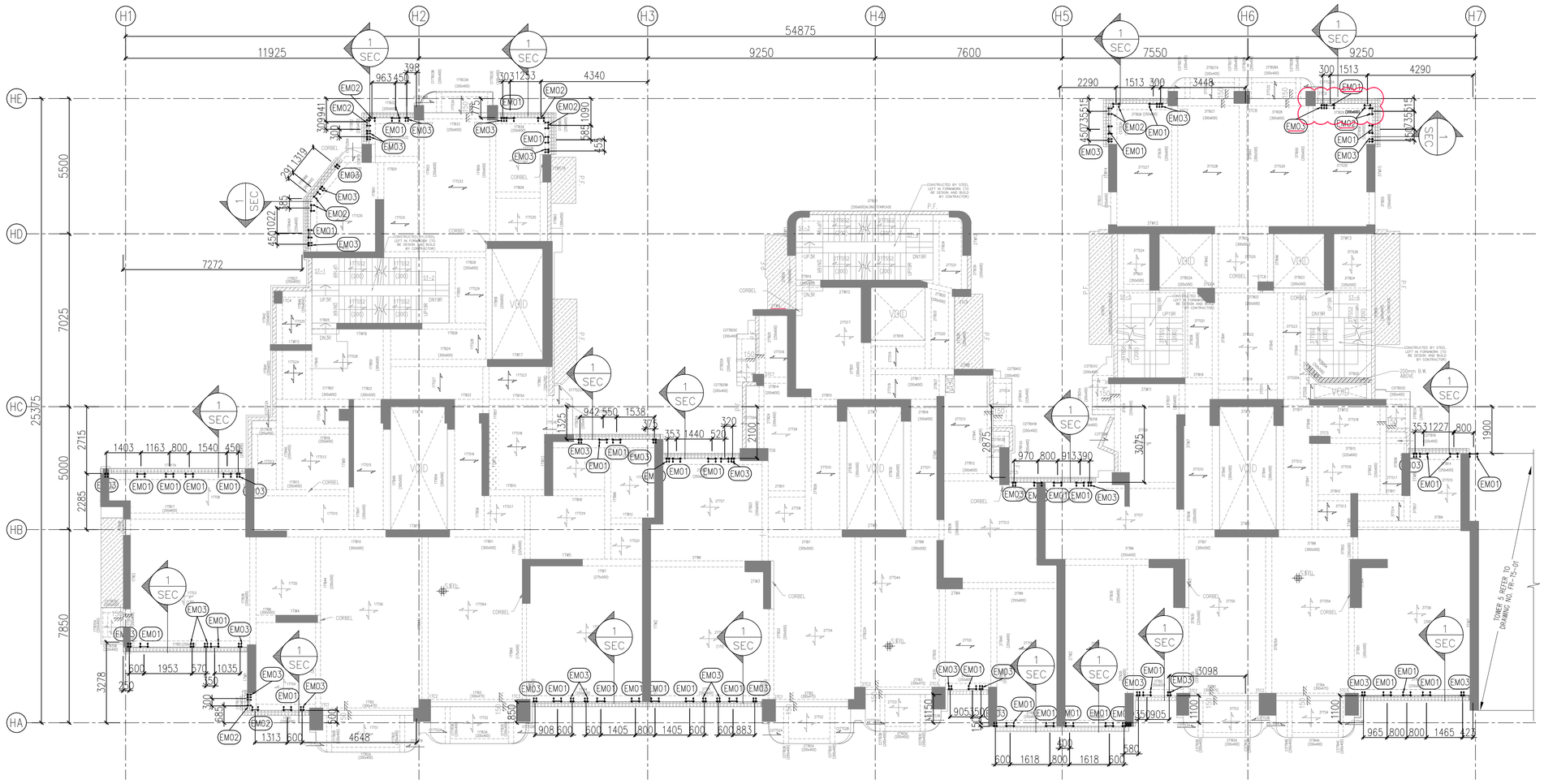
TITLE :
2/F STARTER EMBED LAYOUT PLAN OF TOWER 1 – 3

JOB NO. : 12156

DRAWN BY : AN	DATE : 18.Oct.2021
CHKD BY :	SCALE A1: AS SHOW A3:
DWG. NO. : BD-EM-001	REV. : B

STRUCTURE LEGENDS :(FOR INFORMATION ONLY)

- C1/W1 — PROPOSED COLUMN/WALL BELOW
- C1/W1 — PROPOSED COLUMN/WALL BELOW AND ABOVE
- C1/W1 — PROPOSED COLUMN/WALL ABOVE
- S.F.L. — PROPOSED STRUCTURAL LEVEL
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL ABOVE
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL BELOW
- PROPOSED MASS CONC. FILL (DENSITY = 24.5kN/m)
- PROPOSED CURTAIN WALL (DENSITY = 7.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED PRECAST FACADE (DENSITY = 13.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED 50mm SUNKEN



1 / - TOWER 1 3/F - 32/F PLAN (26 STOREYS)
(EXCEPT 4,13,14,24/F)
SCALE 1:100

2 / - TOWER 2 3/F - 32/F PLAN (26 STOREYS)
(EXCEPT 4,13,14,24/F)
SCALE 1:100

3 / - TOWER 3 3/F - 32/F PLAN (26 STOREYS)
(EXCEPT 4,13,14,24/F)
SCALE 1:100

TOWER 1, 2 AND 3
STOREY LEVEL (S.F.L.)

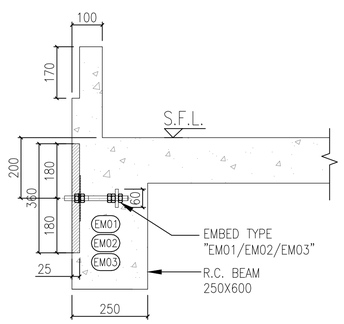
FLOOR MARK	LEVEL (mPD)
R/F	+110.00
33/F	+106.50
32/F	+103.00
31/F	+99.70
30/F	+96.40
29/F	+93.10
28/F	+83.20
27/F	+86.50
26/F	+83.20
25/F	+79.90
23/F	+76.60
22/F	+73.30
21/F	+70.00
20/F	+66.70
19/F	+63.40
18/F	+60.10
17/F	+56.80
16/F	+53.50
15/F	+50.20
12/F	+46.90
11/F	+43.60
10/F	+40.30
9/F	+37.00
8/F	+33.70
7/F	+30.40
6/F	+27.10
5/F	+23.80
3/F	+20.50
2/F	+17.20

EMBED MARK LEGEND:

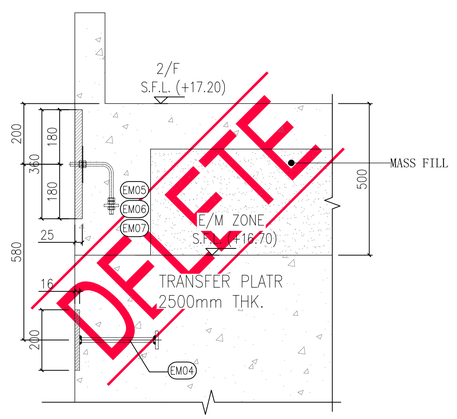
- EM01 : CAST-IN TYPE EM01
- EM02 : CAST-IN TYPE EM02
- EM03 : CAST-IN TYPE EM03
- EM04 : CAST-IN TYPE EM04
- ~~EM05 : CAST-IN TYPE EM05~~
- ~~EM06 : CAST-IN TYPE EM06~~
- ~~EM07 : CAST-IN TYPE EM07~~

– ALL CAST-IN EMBED DETAIL REFER DWG. No.: BD-GN-006

NOTES :
1. ALL BEAMS TO BE 205mm(B) X 500mm(D), UNLESS OTHERWISE SPECIFIED.
2. ALL SLABS TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
3. ALL B.W. TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
4. ALL H.W. TO BE 200mm THICK, UNLESS OTHERWISE SPECIFIED.



1 / SEC VERTICAL SECTION
SCALE: 1:10



2 / SEC VERTICAL SECTION
SCALE: 1:10

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

A 01.Nov.2021 1st BD AMENDMENT

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

ARCHITECT :
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TEL: (852) 2522 1369
E-mail: cmwal@cmwal.com

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

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

TITLE :
3/F - 32/F EMBED LAYOUT PLAN OF TOWER 1 - 3

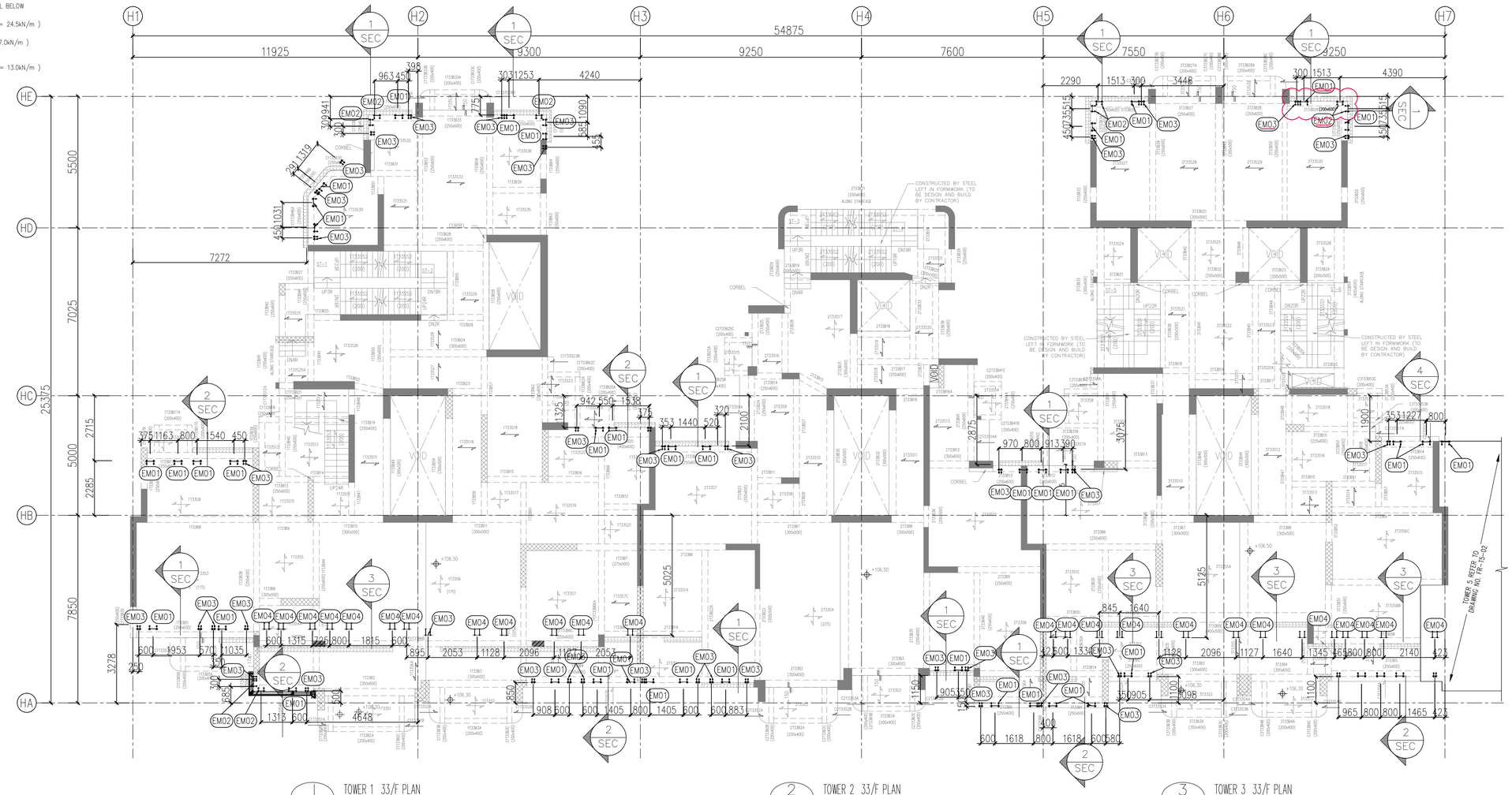
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-EM-002
REV. : B

STRUCTURE LEGENDS :(FOR INFORMATION ONLY)

- C1/W1 — PROPOSED COLUMN/WALL BELOW
- C1/W1 — PROPOSED COLUMN/WALL BELOW AND ABOVE
- C1/W1 — PROPOSED COLUMN/WALL ABOVE
- S.F.L. — PROPOSED STRUCTURAL LEVEL
- PROPOSED BEARING WALL/HANGER WALL ABOVE
- PROPOSED BEARING WALL/HANGER WALL BELOW
- PROPOSED MASS CONC. FILL (DENSITY = 24.5kN/m)
- PROPOSED CURTAIN WALL (DENSITY = 7.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED PRECAST FACADE (DENSITY = 13.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED 50mm SUNKEN



1 SEC — TOWER 1 33/F PLAN
SCALE 1:100

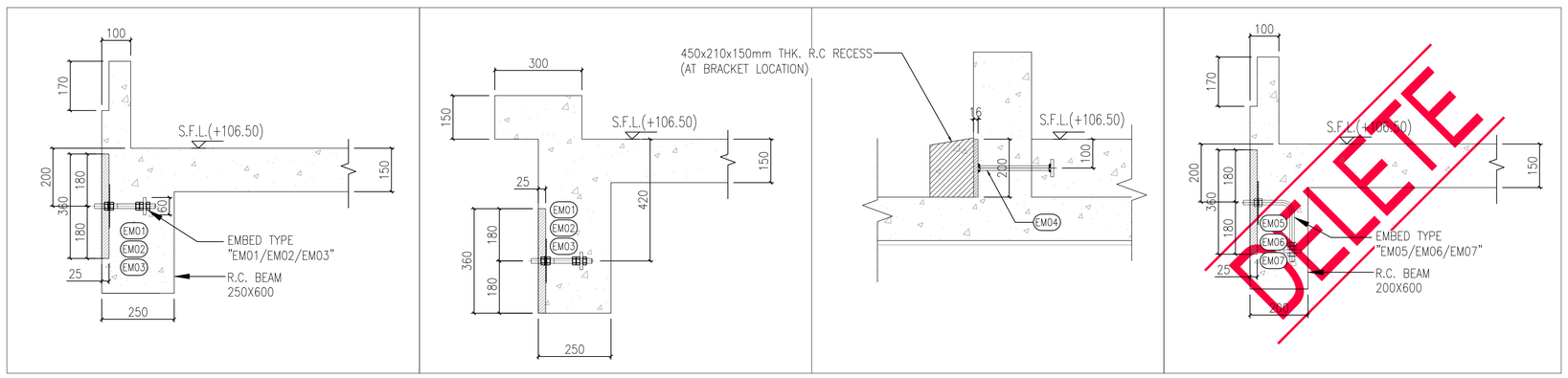
2 SEC — TOWER 2 33/F PLAN
SCALE 1:100

3 SEC — TOWER 3 33/F PLAN
SCALE 1:100

EMBED MARK LEGEND:

- EM01 : CAST-IN TYPE EM01
- EM02 : CAST-IN TYPE EM02
- EM03 : CAST-IN TYPE EM03
- EM04 : CAST-IN TYPE EM04
- ~~EM05 : CAST-IN TYPE EM05~~
- ~~EM06 : CAST-IN TYPE EM06~~
- ~~EM07 : CAST-IN TYPE EM07~~

– ALL CAST-IN EMBED DETAIL REFER DWG. No.: BD-GN-006



1 SEC — VERTICAL SECTION
SCALE: 1:10

2 SEC — VERTICAL SECTION
SCALE: 1:10

3 SEC — VERTICAL SECTION
SCALE: 1:10

4 SEC — VERTICAL SECTION
SCALE: 1:10

NOTES :
1. ALL BEAMS TO BE 205mm(B) X 500mm(D), UNLESS OTHERWISE SPECIFIED.
2. ALL SLABS TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
3. ALL B.W. TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
4. ALL H.W. TO BE 200mm THICK, UNLESS OTHERWISE SPECIFIED.

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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

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

TITLE :
33/F EMBED LAYOUT PLAN OF TOWER 1 – 3

JOB NO. : 12156

DRAWN BY : AN

DATE : 18.Oct.2021

CHKD BY :

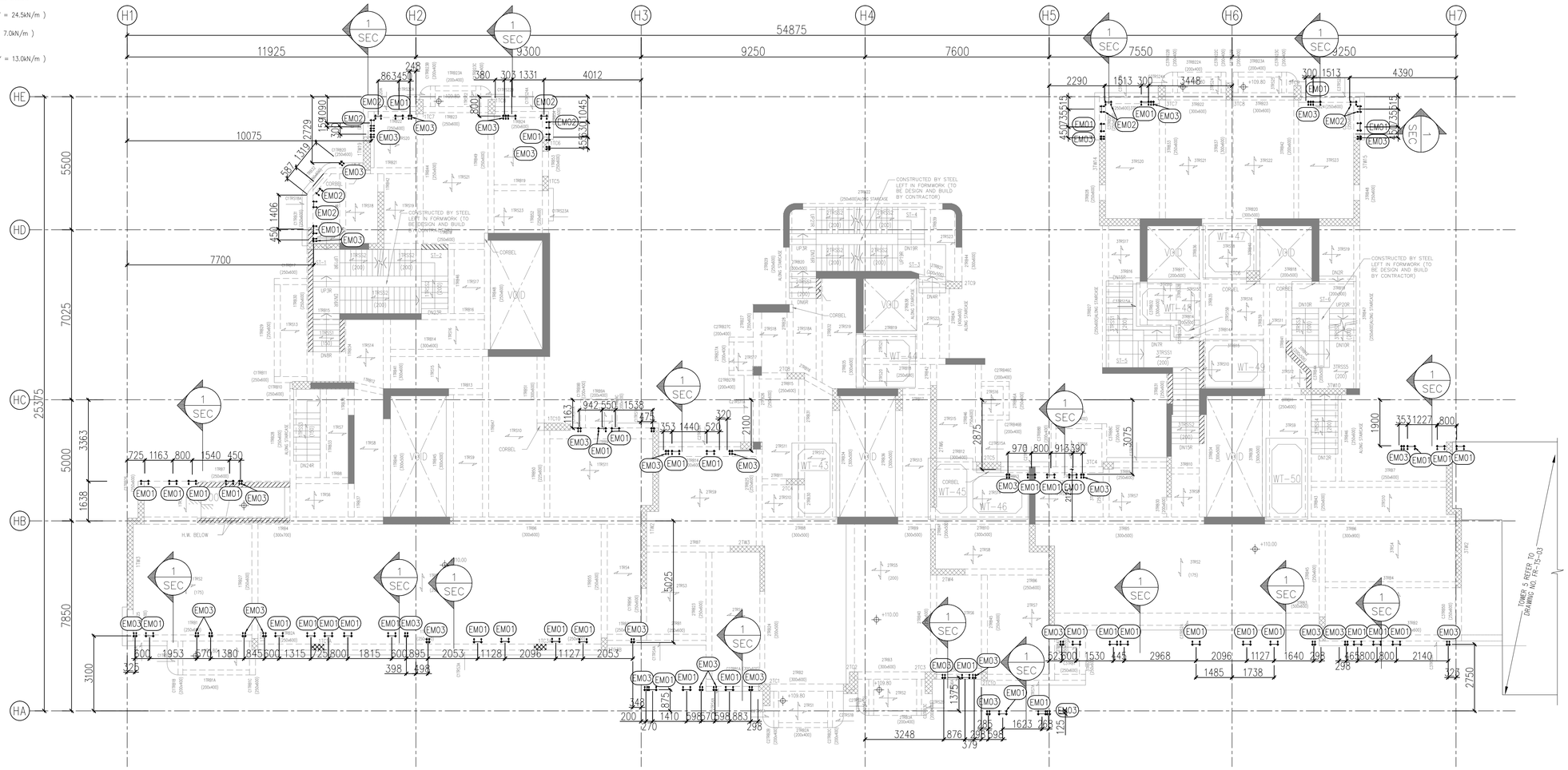
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-EM-003

REV. : B

STRUCTURE LEGENDS :(FOR INFORMATION ONLY)

- C1/W1 PROPOSED COLUMN/WALL BELOW
- C1/W1 PROPOSED COLUMN/WALL BELOW AND ABOVE
- C1/W1 PROPOSED COLUMN/WALL ABOVE
- S.F.L. PROPOSED STRUCTURAL LEVEL
- PROPOSED BEARING WALL/HANGER WALL ABOVE
- PROPOSED BEARING WALL/HANGER WALL BELOW
- PROPOSED MASS CONC. FILL (DENSITY = 24.5kN/m)
- PROPOSED CURTAIN WALL (DENSITY = 7.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED PRECAST FACADE (DENSITY = 13.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED 50mm SUNKEN



1 SEC TOWER 1 ROOF PLAN
SCALE 1:100

2 SEC TOWER 2 ROOF PLAN
SCALE 1:100

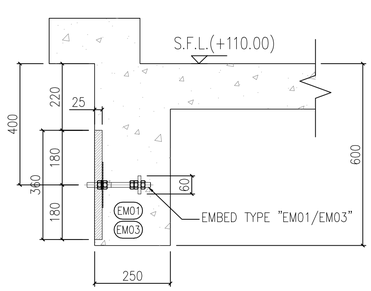
3 SEC TOWER 3 ROOF PLAN
SCALE 1:100

EMBED MARK LEGEND:

- EM01 : CAST-IN TYPE EM01
- EM02 : CAST-IN TYPE EM02
- EM03 : CAST-IN TYPE EM03
- EM04 : CAST-IN TYPE EM04
- ~~EM05 : CAST-IN TYPE EM05~~
- ~~EM06 : CAST-IN TYPE EM06~~
- ~~EM07 : CAST-IN TYPE EM07~~

– ALL CAST-IN EMBED DETAIL REFER DWG. No.: BD-GN-006

NOTES :
1. ALL BEAMS TO BE 205mm(B) X 500mm(D), UNLESS OTHERWISE SPECIFIED.
2. ALL SLABS TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
3. ALL B.W. TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
4. ALL H.W. TO BE 200mm THICK, UNLESS OTHERWISE SPECIFIED.



1 SEC VERTICAL SECTION
SCALE: 1:10

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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

TITLE :
33/F FINISHER EMBED LAYOUT PLAN OF TOWER 1 – 3

JOB NO. : 12156

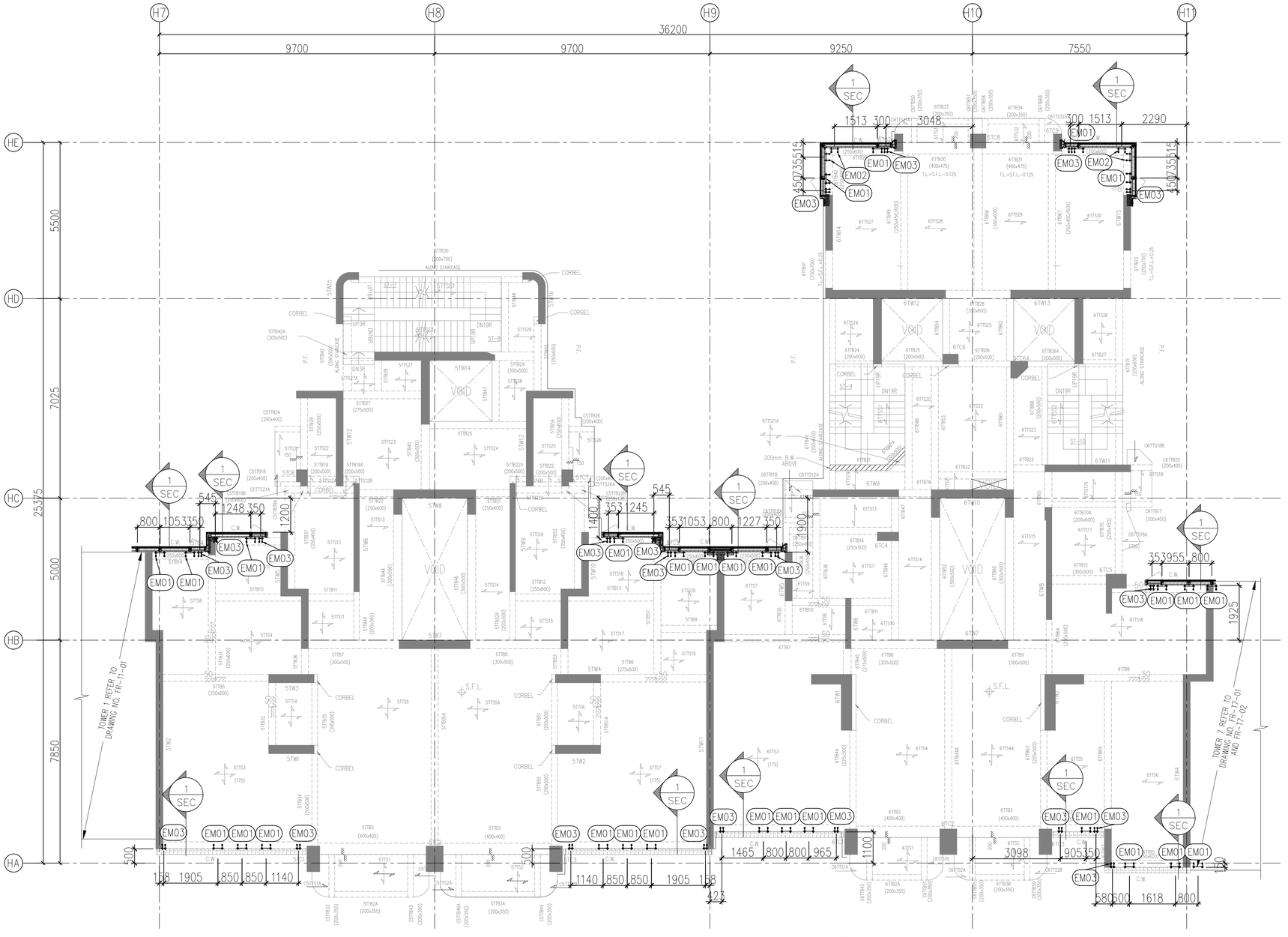
DRAWN BY : AN	DATE : 18.Oct.2021
CHKD BY :	SCALE A1: AS SHOW A3:
DWG. NO. : BD-EM-004	REV. : B

STRUCTURE LEGENDS :(FOR INFORMATION ONLY)

- C1/W1 — PROPOSED COLUMN/WALL BELOW
- C1/W1 — PROPOSED COLUMN/WALL BELOW AND ABOVE
- C1/W1 — PROPOSED COLUMN/WALL ABOVE
- S.F.L. — PROPOSED STRUCTURAL LEVEL
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL ABOVE
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL BELOW
- PROPOSED MASS CONC. FILL (DENSITY = 24.5kN/m)
- PROPOSED CURTAIN WALL (DENSITY = 7.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED PRECAST FACADE (DENSITY = 13.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED 50mm SUNKEN

TOWER 5 AND 6
STOREY LEVEL (S.F.L.)

FLOOR	LEVEL
R/F	+110.00
33/F	+106.50
32/F	+103.00
31/F	+99.70
30/F	+96.40
29/F	+93.10
28/F	+83.20
27/F	+86.50
26/F	+83.20
25/F	+79.90
23/F	+76.60
22/F	+73.30
21/F	+70.00
20/F	+66.70
19/F	+63.40
18/F	+60.10
17/F	+56.80
16/F	+53.50
15/F	+50.20
12/F	+46.90
11/F	+43.60
10/F	+40.30
9/F	+37.00
8/F	+33.70
7/F	+30.40
6/F	+27.10
5/F	+23.80
3/F	+20.50
2/F	+17.20



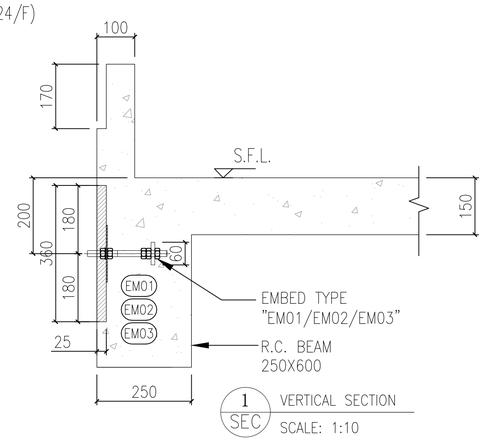
1 — TOWER 5 3/F - 32/F PLAN (26 STOREYS)
(EXCEPT 4,13,14,24/F)

2 — TOWER 6 3/F - 32/F PLAN (26 STOREYS)
(EXCEPT 4,13,14,24/F)

EMBED MARK LEGEND:

- (EM01) : CAST-IN TYPE EM01
- (EM02) : CAST-IN TYPE EM02
- (EM03) : CAST-IN TYPE EM03
- (EM04) : CAST-IN TYPE EM04
- ~~(EM05) : CAST-IN TYPE EM05~~
- ~~(EM06) : CAST-IN TYPE EM06~~
- ~~(EM07) : CAST-IN TYPE EM07~~

– ALL CAST-IN EMBED DETAIL REFER DWG. No.: BD-GN-006



1 SEC — VERTICAL SECTION
SCALE: 1:10

NOTES :
1. ALL BEAMS TO BE 205mm(B) X 500mm(D), UNLESS OTHERWISE SPECIFIED.
2. ALL SLABS TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
3. ALL B.W. TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
4. ALL H.W. TO BE 200mm THICK, UNLESS OTHERWISE SPECIFIED.

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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

STRUCTURAL ENGINEER :
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TEL: (852) 2522 1068
E-mail: cmwal@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

MAIN CONTRACTOR :
裕民建築有限公司

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

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

TITLE :
3/F - 32/F EMBED LAYOUT PLAN OF TOWER 5 & 6

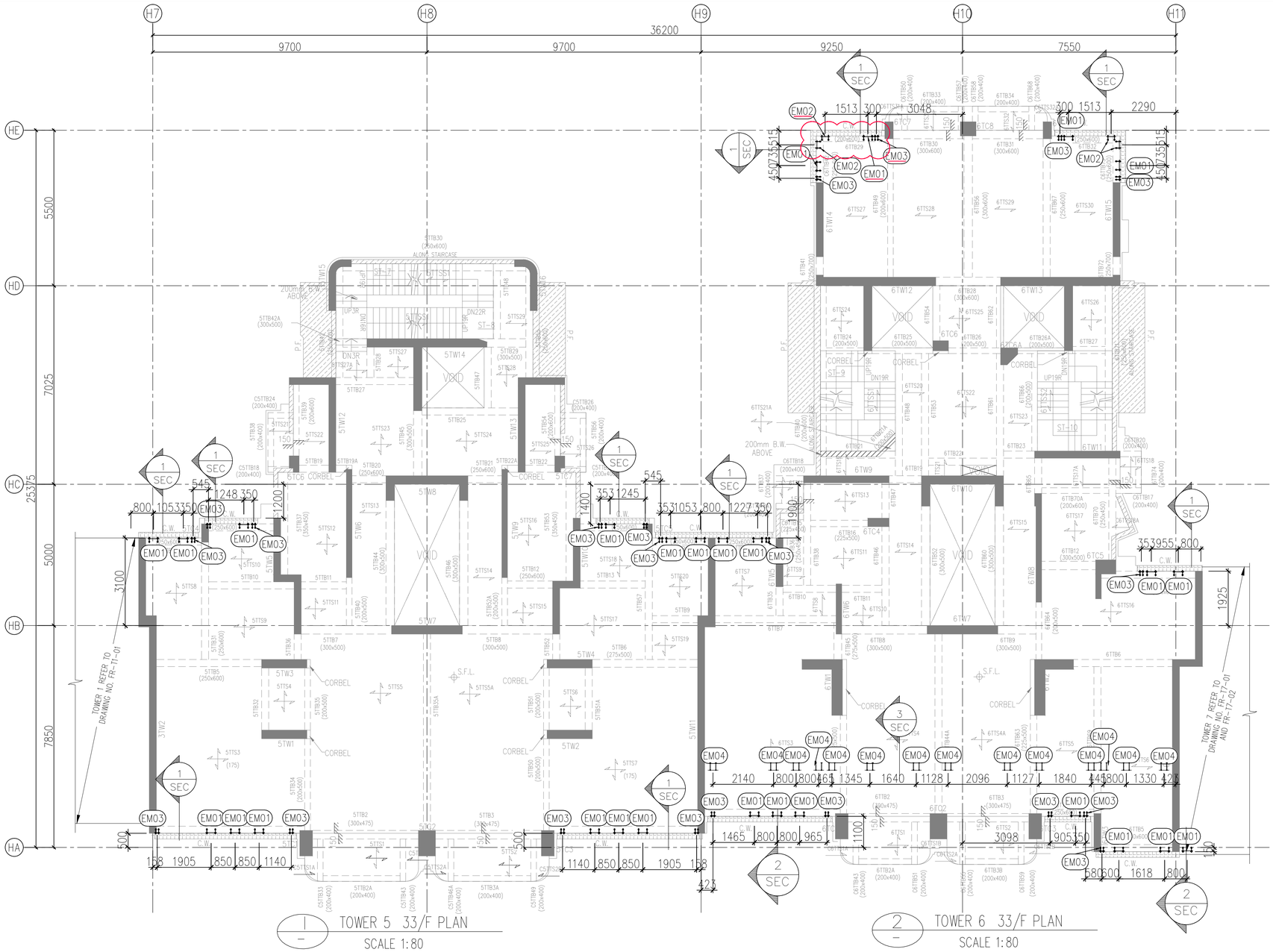
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-EM-006
REV. : B

STRUCTURE LEGENDS :(FOR INFORMATION ONLY)

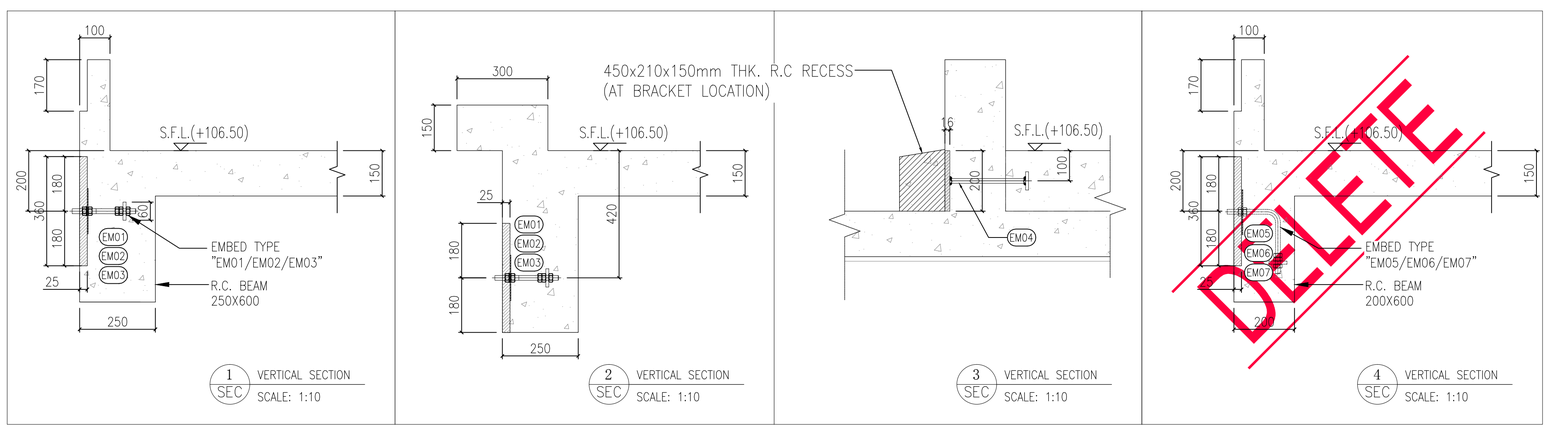
- C1/W1 — PROPOSED COLUMN/WALL BELOW
- C1/W1 — PROPOSED COLUMN/WALL BELOW AND ABOVE
- C1/W1 — PROPOSED COLUMN/WALL ABOVE
- S.F.L. — PROPOSED STRUCTURAL LEVEL
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL ABOVE
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL BELOW
- PROPOSED MASS CONC. FILL (DENSITY = 24.5kN/m)
- PROPOSED CURTAIN WALL (DENSITY = 7.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED PRECAST FACADE (DENSITY = 13.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED 50mm SUNKEN



EMBED MARK LEGEND:

- EM01 : CAST-IN TYPE EM01
- EM02 : CAST-IN TYPE EM02
- EM03 : CAST-IN TYPE EM03
- EM04 : CAST-IN TYPE EM04
- ~~EM05 : CAST-IN TYPE EM05~~
- ~~EM06 : CAST-IN TYPE EM06~~
- ~~EM07 : CAST-IN TYPE EM07~~

– ALL CAST-IN EMBED DETAIL REFER DWG. No.: BD-GN-006



NOTES :
1. ALL BEAMS TO BE 205mm(B) X 500mm(D), UNLESS OTHERWISE SPECIFIED.
2. ALL SLABS TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
3. ALL B.W. TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
4. ALL H.W. TO BE 200mm THICK, UNLESS OTHERWISE SPECIFIED.

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

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

TITLE :
33/F EMBED LAYOUT PLAN OF TOWER 5 & 6

JOB NO. : 12156

DRAWN BY : AN

DATE : 18.Oct.2021

CHKD BY :

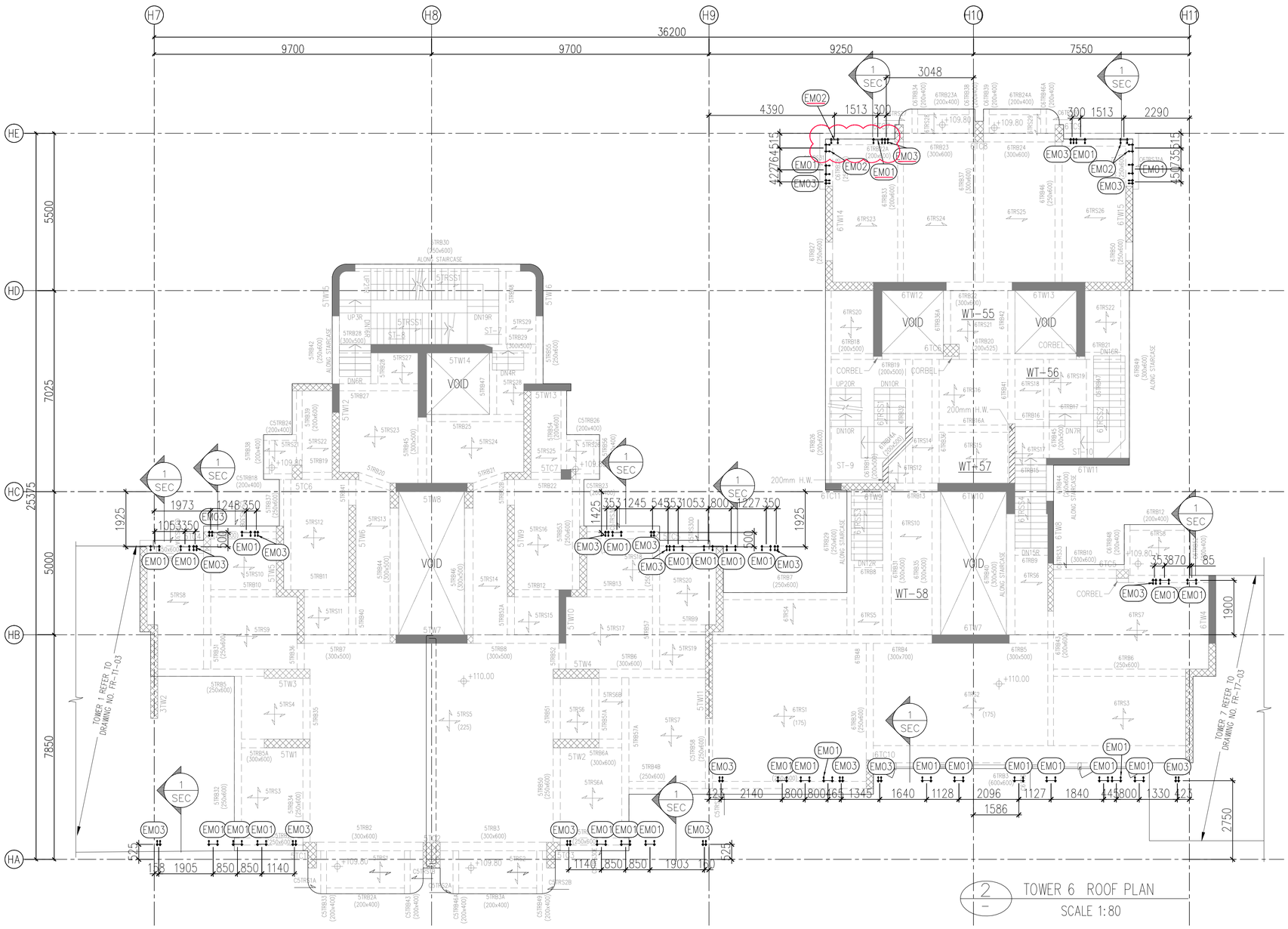
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-EM-007

REV. : B

STRUCTURE LEGENDS :(FOR INFORMATION ONLY)

- C1/W1 — PROPOSED COLUMN/WALL BELOW
- C1/W1 — PROPOSED COLUMN/WALL BELOW AND ABOVE
- C1/W1 — PROPOSED COLUMN/WALL ABOVE
- S.F.L. — PROPOSED STRUCTURAL LEVEL
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL ABOVE
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL BELOW
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- PROPOSED PRECAST FACADE (DENSITY = 13.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED 50mm SUNKEN



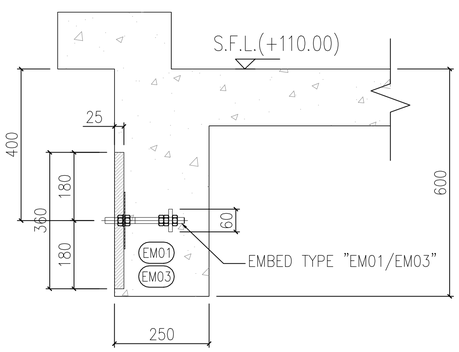
1 SEC — TOWER 5 ROOF PLAN
SCALE 1:80

2 — TOWER 6 ROOF PLAN
SCALE 1:80

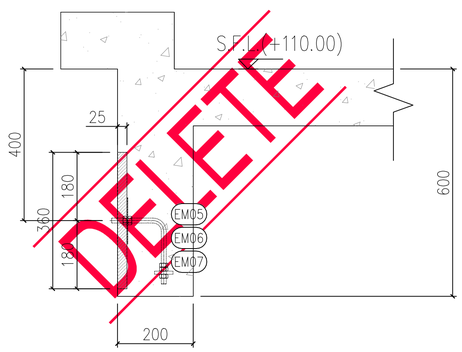
EMBED MARK LEGEND:

- EM01 : CAST-IN TYPE EM01
- EM02 : CAST-IN TYPE EM02
- EM03 : CAST-IN TYPE EM03
- EM04 : CAST-IN TYPE EM04
- ~~EM05 : CAST-IN TYPE EM05~~
- ~~EM06 : CAST-IN TYPE EM06~~
- ~~EM07 : CAST-IN TYPE EM07~~

– ALL CAST-IN EMBED DETAIL REFER DWG. No.: BD-GN-006



1 SEC — VERTICAL SECTION
SCALE: 1:10



2 SEC — VERTICAL SECTION
SCALE: 1:10

NOTES :
1. ALL BEAMS TO BE 205mm(B) X 500mm(D), UNLESS OTHERWISE SPECIFIED.
2. ALL SLABS TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
3. ALL B.W. TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
4. ALL H.W. TO BE 200mm THICK, UNLESS OTHERWISE SPECIFIED.

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

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

TITLE :
33/F EMBED LAYOUT PLAN OF TOWER 5 & 6

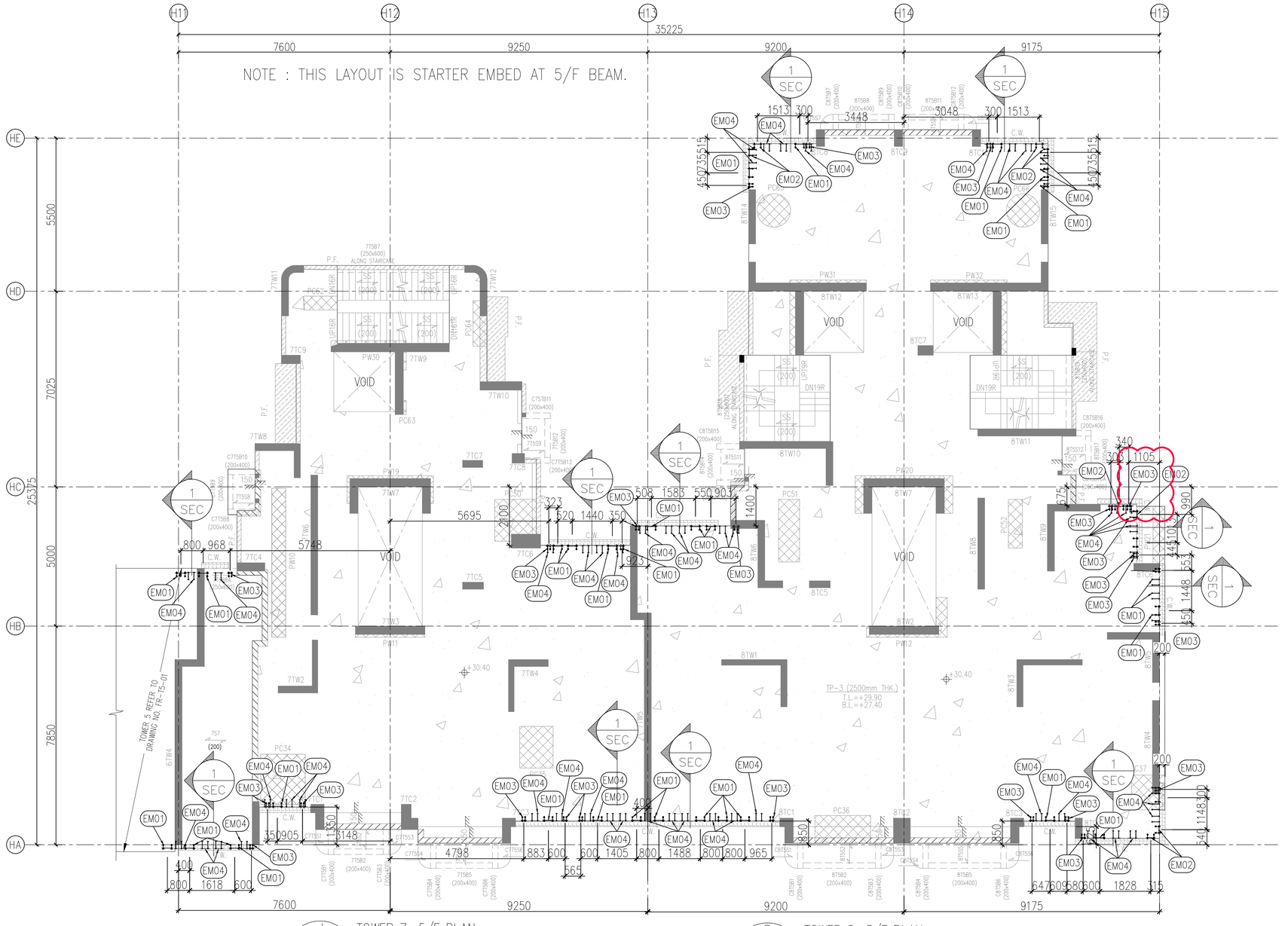
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-EM-008
REV. : B

STRUCTURE LEGENDS :(FOR INFORMATION ONLY)

- C1/W1 — PROPOSED COLUMN/WALL BELOW
- C1/W1 — PROPOSED COLUMN/WALL BELOW AND ABOVE
- C1/W1 — PROPOSED COLUMN/WALL ABOVE
- S.F.L. — PROPOSED STRUCTURAL LEVEL
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL ABOVE
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL BELOW
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- PROPOSED PRECAST FACADE (DENSITY = 13.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED 50mm SUNKEN



1 SEC — TOWER 7 5/F PLAN
SCALE 1:80

2 SEC — TOWER 8 5/F PLAN
SCALE 1:80

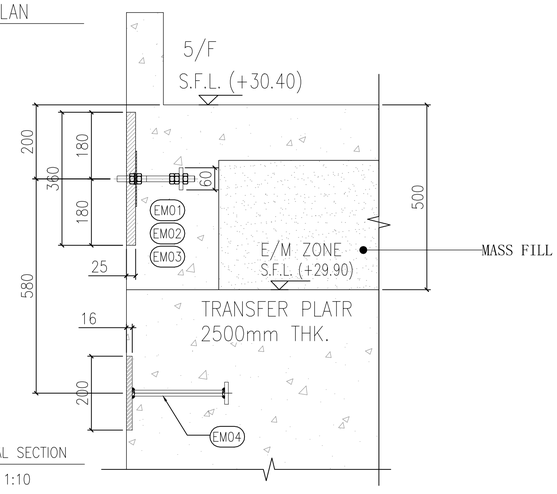
TOWER 7 AND 8
STOREY LEVEL (S.F.L.)

FLOOR MARK	LEVEL (mPD)
R/F	+110.00
31/F	+106.50
30/F	+103.00
29/F	+99.70
28/F	+96.40
27/F	+93.10
26/F	+83.20
25/F	+86.50
23/F	+83.20
22/F	+79.90
21/F	+76.60
20/F	+73.30
19/F	+70.00
18/F	+66.70
17/F	+63.40
16/F	+60.10
15/F	+56.80
12/F	+53.50
11/F	+50.20
10/F	+46.90
9/F	+43.60
8/F	+40.30
7/F	+37.00
6/F	+33.70
5/F	+30.40

EMBED MARK LEGEND:

- EM01 : CAST-IN TYPE EM01
- EM02 : CAST-IN TYPE EM02
- EM03 : CAST-IN TYPE EM03
- EM04 : CAST-IN TYPE EM04
- EM01+04 : CAST-IN TYPE EM01(@ H/L) + EM04(@ L/L)
- EM02+04 : CAST-IN TYPE EM02(@ H/L) + EM04(@ L/L)
- EM03+04 : CAST-IN TYPE EM03(@ H/L) + EM04(@ L/L)
- – ALL CAST-IN EMBED DETAIL REFER DWG. No.: BD-GN-006

NOTES :
1. ALL BEAMS TO BE 205mm(B) X 500mm(D), UNLESS OTHERWISE SPECIFIED.
2. ALL SLABS TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
3. ALL B.W. TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
4. ALL H.W. TO BE 200mm THICK, UNLESS OTHERWISE SPECIFIED.



1 SEC — VERTICAL SECTION
SCALE: 1:10

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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

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

TITLE :
5/F STARTER EMBED LAYOUT PLAN OF TOWER 7 & 8

JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

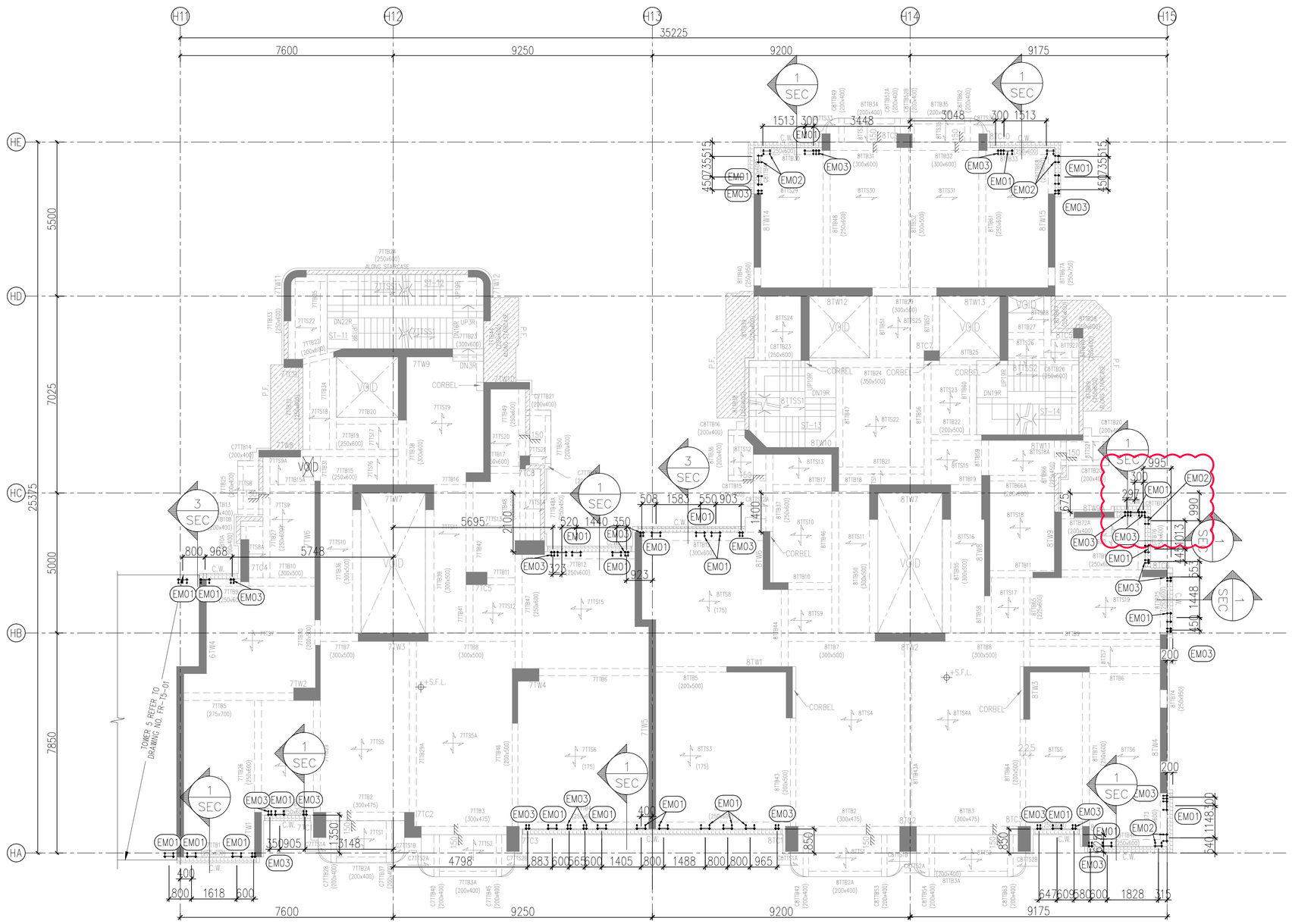
DWG. NO. : BD-EM-009
REV. : B

STRUCTURE LEGENDS :(FOR INFORMATION ONLY)

- C1/W1 — PROPOSED COLUMN/WALL BELOW
- C1/W1 — PROPOSED COLUMN/WALL BELOW AND ABOVE
- C1/W1 — PROPOSED COLUMN/WALL ABOVE
- S.F.L. — PROPOSED STRUCTURAL LEVEL
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL ABOVE
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL BELOW
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- PROPOSED CURTAIN WALL (DENSITY = 7.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED PRECAST FACADE (DENSITY = 13.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED 50mm SUNKEN

TOWER 7 AND 8
STOREY LEVEL (S.F.L.)

FLOOR MARK	LEVEL (mPD)
R/F	+110.00
31/F	+106.50
30/F	+103.00
29/F	+99.70
28/F	+96.40
27/F	+93.10
26/F	+83.20
25/F	+86.50
23/F	+83.20
22/F	+79.90
21/F	+76.60
20/F	+73.30
19/F	+70.00
18/F	+66.70
17/F	+63.40
16/F	+60.10
15/F	+56.80
12/F	+53.50
11/F	+50.20
10/F	+46.90
9/F	+43.60
8/F	+40.30
7/F	+37.00
6/F	+33.70
5/F	+30.40



1 — TOWER 7 6/F - 30/F PLAN (22 STOREYS) (EXCEPT 4,13,14,24/F) SCALE 1:80

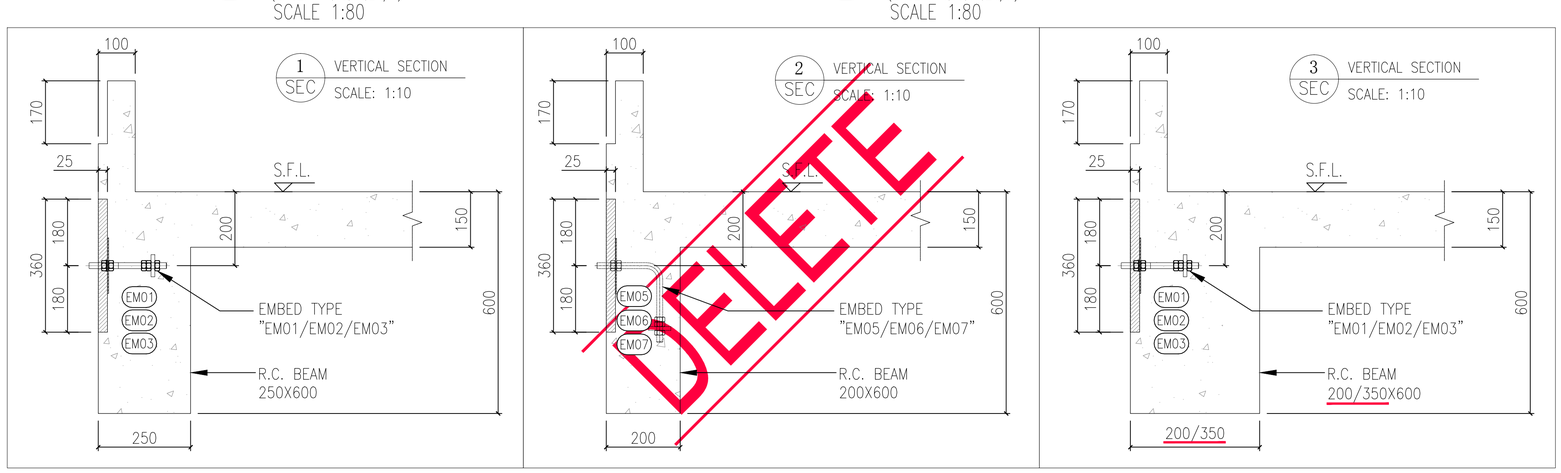
2 — TOWER 8 6/F - 30/F PLAN (22 STOREYS) (EXCEPT 4,13,14,24/F) SCALE 1:80

EMBED MARK LEGEND:

- EM01 : CAST-IN TYPE EM01
- EM02 : CAST-IN TYPE EM02
- EM03 : CAST-IN TYPE EM03
- EM04 : CAST-IN TYPE EM04
- ~~EM05 : CAST-IN TYPE EM05~~
- ~~EM06 : CAST-IN TYPE EM06~~
- ~~EM07 : CAST-IN TYPE EM07~~

– ALL CAST-IN EMBED DETAIL REFER DWG. No.: BD-GN-006

NOTES :
1. ALL BEAMS TO BE 205mm(B) X 500mm(D), UNLESS OTHERWISE SPECIFIED.
2. ALL SLABS TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
3. ALL B.W. TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
4. ALL H.W. TO BE 200mm THICK, UNLESS OTHERWISE SPECIFIED.



B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

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

TITLE :
6/F - 30/F EMBED LAYOUT PLAN OF TOWER 7 & 8

JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-EM-010
REV. : B

STRUCTURE LEGENDS :(FOR INFORMATION ONLY)

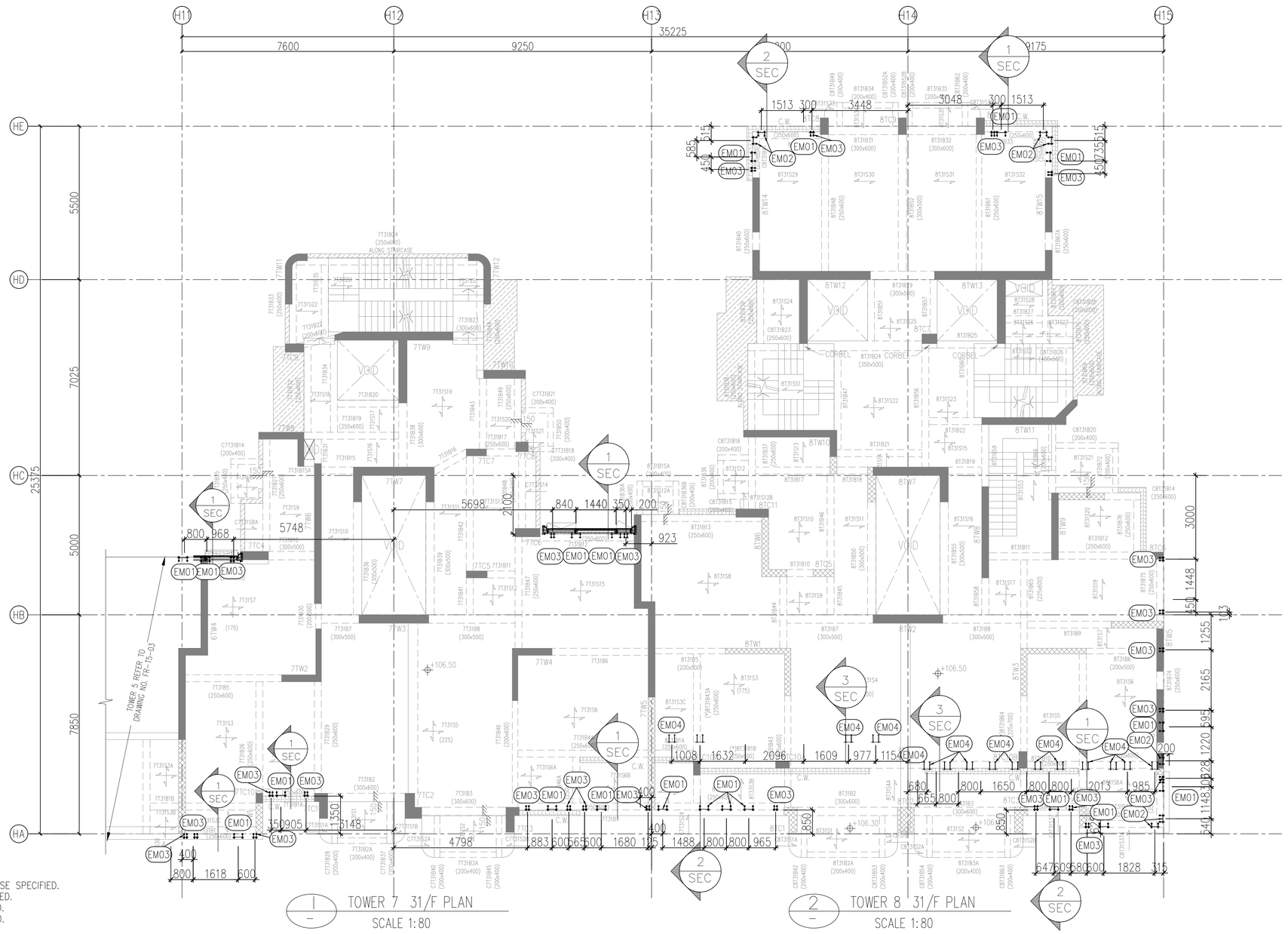
- C1/W1 — PROPOSED COLUMN/WALL BELOW
- C1/W1 — PROPOSED COLUMN/WALL BELOW AND ABOVE
- C1/W1 — PROPOSED COLUMN/WALL ABOVE
- S.F.L. — PROPOSED STRUCTURAL LEVEL
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL ABOVE
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL BELOW
- PROPOSED MASS CONC. FILL (DENSITY = 24.5kN/m)
- PROPOSED CURTAIN WALL (DENSITY = 7.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED PRECAST FACADE (DENSITY = 13.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED 50mm SUNKEN

EMBED MARK LEGEND:

- (EM01) : CAST-IN TYPE EM01
- (EM02) : CAST-IN TYPE EM02
- (EM03) : CAST-IN TYPE EM03
- (EM04) : CAST-IN TYPE EM04
- ~~(EM05) : CAST-IN TYPE EM05~~
- ~~(EM06) : CAST-IN TYPE EM06~~
- ~~(EM07) : CAST-IN TYPE EM07~~

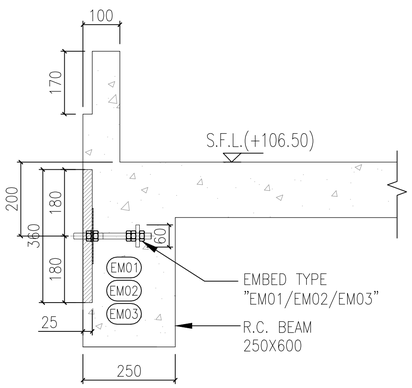
– ALL CAST-IN EMBED DETAIL REFER DWG. No.: BD-GN-006

NOTES :
1. ALL BEAMS TO BE 205mm(B) X 500mm(D), UNLESS OTHERWISE SPECIFIED.
2. ALL SLABS TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
3. ALL B.W. TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
4. ALL H.W. TO BE 200mm THICK, UNLESS OTHERWISE SPECIFIED.

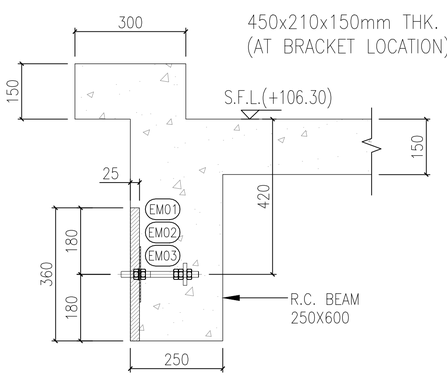


1 / – TOWER 7 31/F PLAN
SCALE 1:80

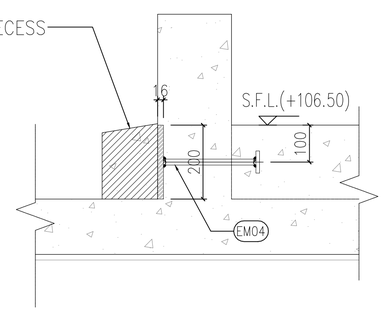
2 / – TOWER 8 31/F PLAN
SCALE 1:80



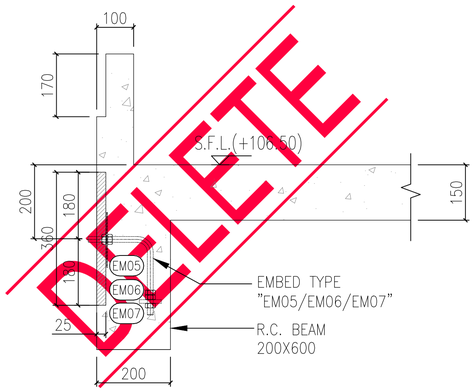
1 SEC VERTICAL SECTION
SCALE: 1:10



2 SEC VERTICAL SECTION
SCALE: 1:10



3 SEC VERTICAL SECTION
SCALE: 1:10



4 SEC VERTICAL SECTION
SCALE: 1:10

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
in respect of which consent is applied for the purpose of Fast Track consent application under regulation 33 of the Building (Administration) Regulations."

IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

CHAN BONG KWOK
BEng FHKIE MISTructE
RPE (STL)
Registered Structural Engineer

CLIENT :
MARBLE EDGE INVESTMENT LTD.

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

STRUCTURAL ENGINEER :
C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
E-mail: cmwal@cmwal.com

Inhabit Group Hong Kong
http://www.inhabitgroup.com

MAIN CONTRACTOR :
裕民建築有限公司

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

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

TITLE :
31/F EMBED LAYOUT PLAN OF TOWER 7 & 8

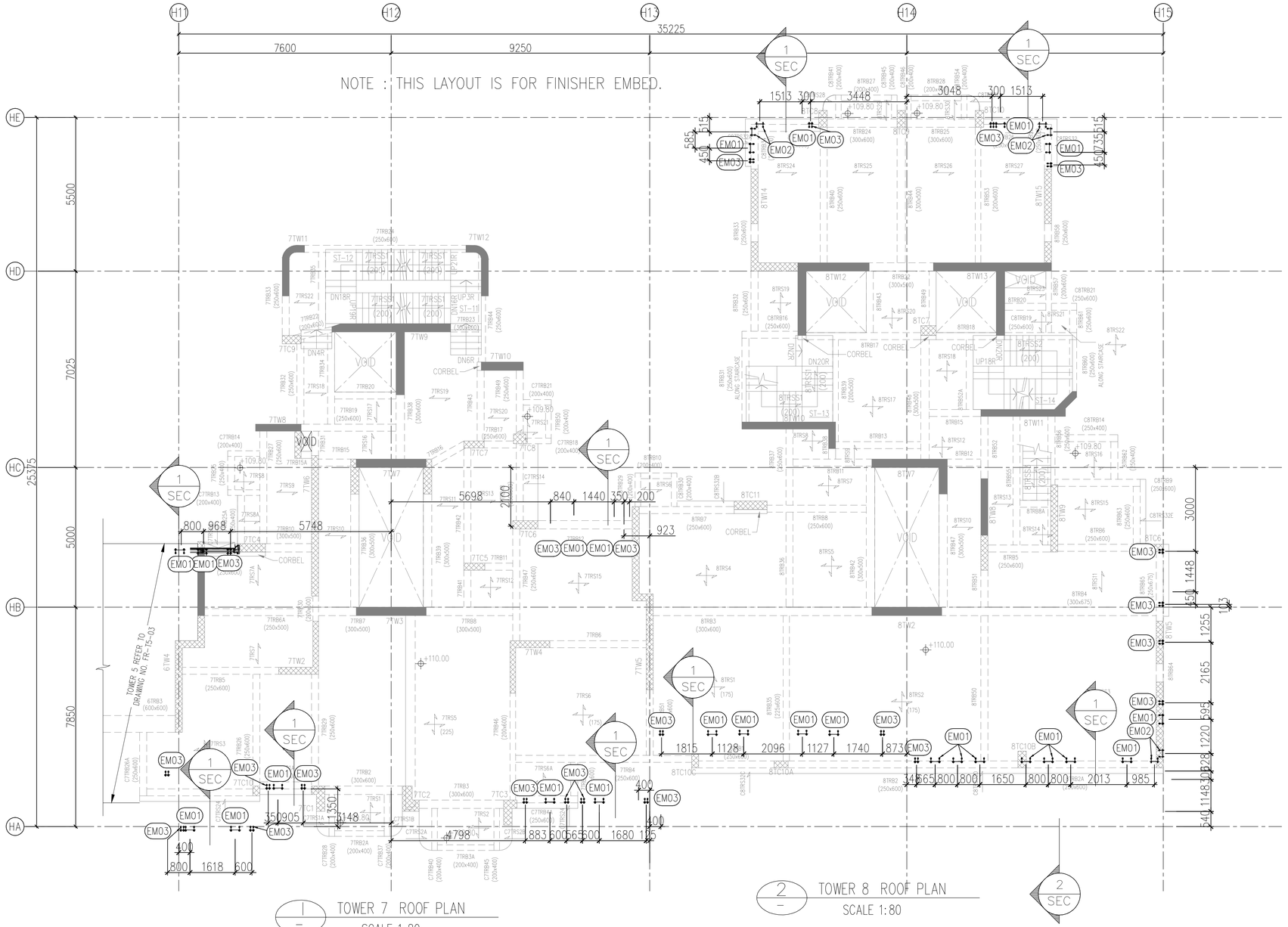
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-EM-011
REV. : B

STRUCTURE LEGENDS :(FOR INFORMATION ONLY)

- C1/W1 — PROPOSED COLUMN/WALL BELOW
- C1/W1 — PROPOSED COLUMN/WALL BELOW AND ABOVE
- C1/W1 — PROPOSED COLUMN/WALL ABOVE
- S.F.L. — PROPOSED STRUCTURAL LEVEL
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL ABOVE
- B.W. / H.W. — PROPOSED BEARING WALL/HANGER WALL BELOW
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- PROPOSED PRECAST FACADE (DENSITY = 13.0kN/m) (UNDER SEPARATE SUBMISSION)
- PROPOSED 50mm SUNKEN



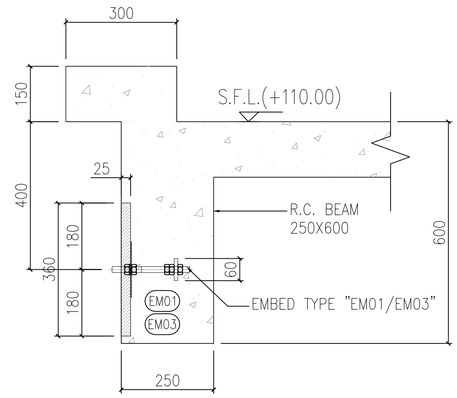
TOWER 7 ROOF PLAN
SCALE 1:80

TOWER 8 ROOF PLAN
SCALE 1:80

EMBED MARK LEGEND:

- EM01 : CAST-IN TYPE EM01
- EM02 : CAST-IN TYPE EM02
- EM03 : CAST-IN TYPE EM03
- EM04 : CAST-IN TYPE EM04
- ~~EM05 : CAST-IN TYPE EM05~~
- ~~EM06 : CAST-IN TYPE EM06~~
- ~~EM07 : CAST-IN TYPE EM07~~

– ALL CAST-IN EMBED DETAIL REFER DWG. No.: BD-GN-006



VERTICAL SECTION
SCALE: 1:10

NOTES :
1. ALL BEAMS TO BE 205mm(B) X 500mm(D), UNLESS OTHERWISE SPECIFIED.
2. ALL SLABS TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
3. ALL B.W. TO BE 150mm THICK, UNLESS OTHERWISE SPECIFIED.
4. ALL H.W. TO BE 200mm THICK, UNLESS OTHERWISE SPECIFIED.

B.D. REF : BD 3/4056/19

F.S.D. REF :

BD AMENDMENT

"The works shown on these plans are Type II works
Superstructure - Curtain Wall
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IN ACCORDANCE WITH PARAGRAPH 2 OF THE PNAP ADM-9, ALL AMENDMENTS TO THE PREVIOUSLY APPROVED WORKS HAVE BEEN HIGHLIGHTED, AND SHALL BE HIGHLIGHTED IN CASE OF FURTHER AMENDMENTS.ON ALL SETS OF PLANS SUBMITTED TO THE BUILDINGS DEPARTMENT FOR APPROVAL.

REV.	DATE	DESCRIPTION	BY
B	04.Jul.2022	2nd AMENDMENT	
A	01.Nov.2021	1st AMENDMENT	

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BEng FHKIE MIStructE
RPE (STL)
Registered Structural Engineer

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C M WONG & ASSOCIATES LTD
TEL: (852) 2522 1068
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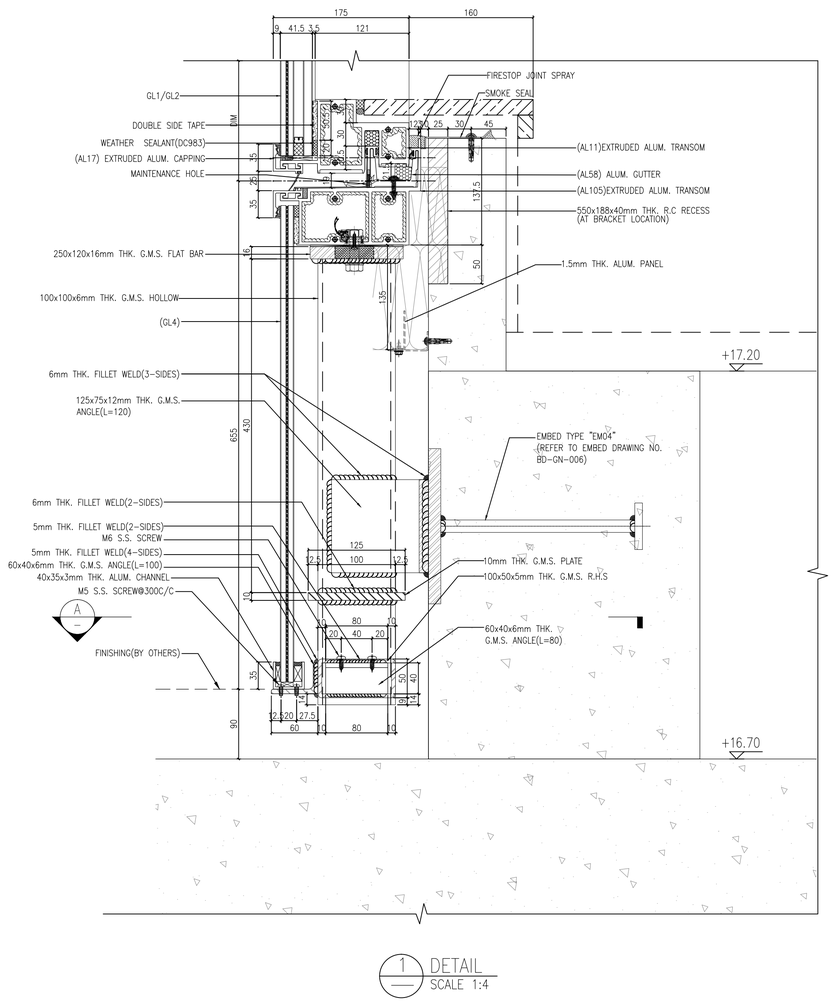
PROJECT :
PROPOSED RESIDENTIAL DEVELOPMENT AT NEW KOWLOON INLAND LOT. NO.6552

TITLE :
31/F FINISHER EMBED LOCATION PLAN OF TOWER 7 & 8

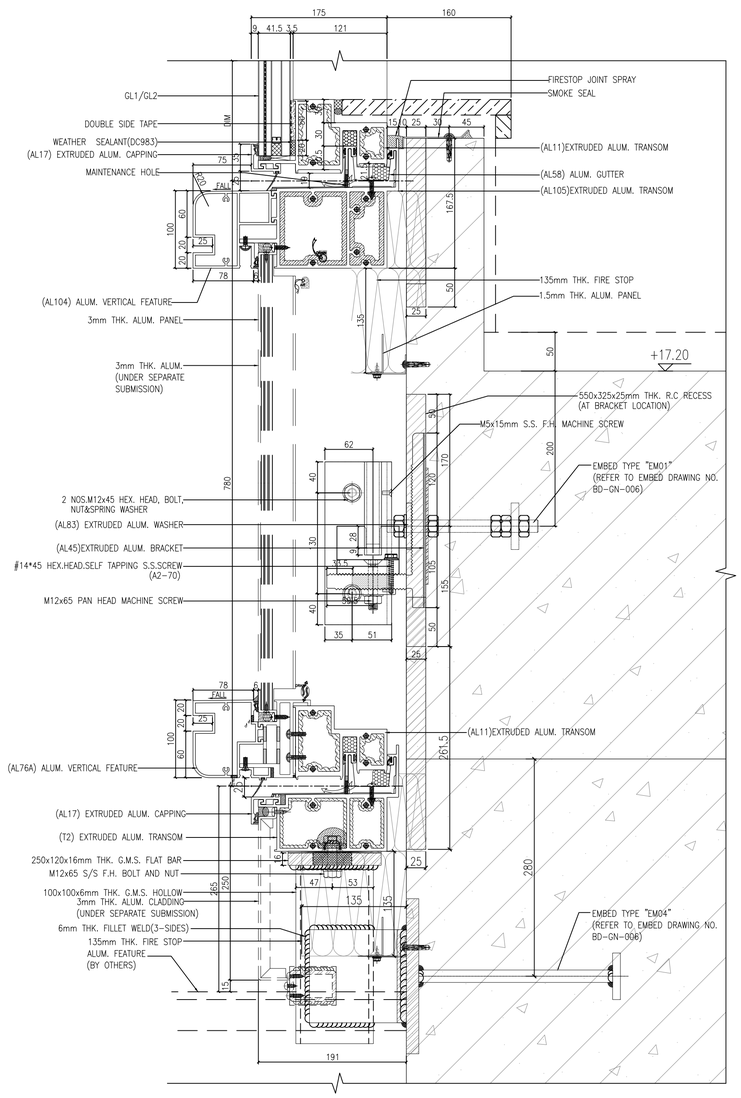
JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021
CHKD BY :
SCALE A1: AS SHOW
A3:

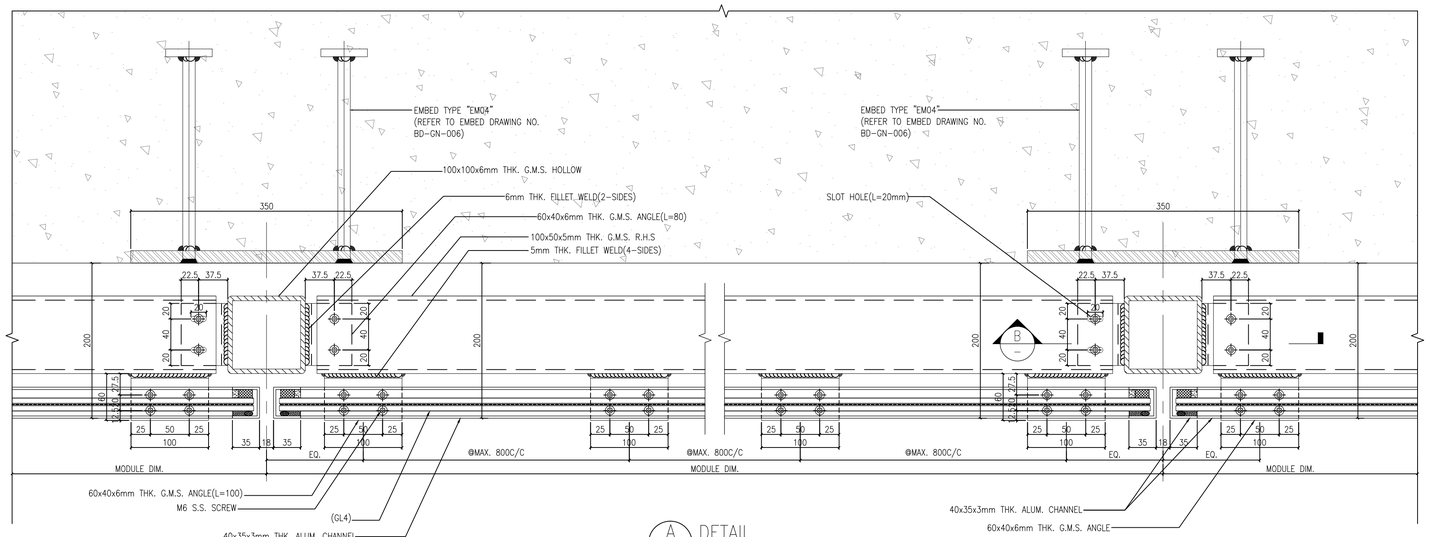
DWG. NO. : BD-EM-012
REV. : B



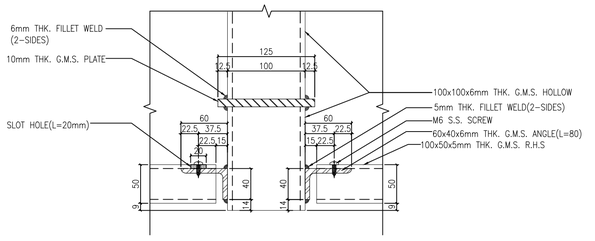
1 DETAIL
SCALE 1:4



2 DETAIL
SCALE 1:4



A DETAIL
SCALE 1:4



B DETAIL
SCALE 1:4

B.D. REF : BD 3/4056/19

F.S.D. REF :

NEW DRAWING

BD AMENDMENT

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REV.	DATE	DESCRIPTION	BY

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RPE (STL)
Registered Structural Engineer

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

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

TITLE :
FACADE DETAILS

JOB NO. : 12156

DRAWN BY : AN
DATE : 18.Oct.2021

CHKD BY :
SCALE A1: AS SHOW
A3:

DWG. NO. : BD-DT-112
REV. : -