

Balconies

Sample drawings

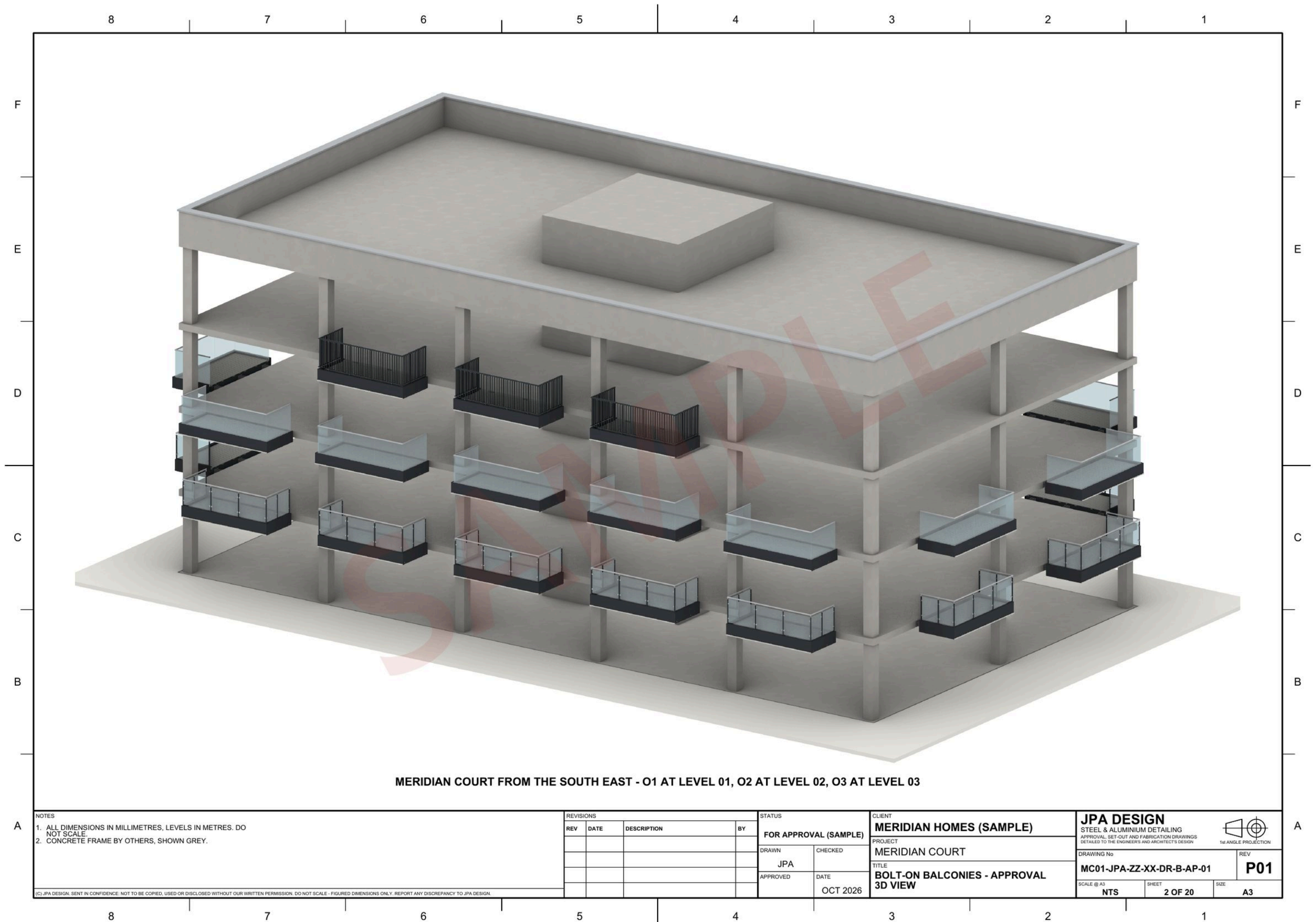
MC01-AP-01	3D view from the south east	A3
MC01-AP-07	Typical connection to the stub	1:5 @ A3
MC01-FF-06	Typical stub, section A-A	1:5 @ A3
MC01-FF-S1	Stack S1, 3D stub set-out	A3
MC01-F-S10	Frame BF1, GA and parts list	A3
MC01-F-A20	Front fascia FA1-1, flat pattern	A3

Full sample packs and prices on request.

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Sheets flattened for viewing at 150 dpi. Every sheet is a page from a full sample set.



MERIDIAN COURT FROM THE SOUTH EAST - O1 AT LEVEL 01, O2 AT LEVEL 02, O3 AT LEVEL 03

NOTES
1. ALL DIMENSIONS IN MILLIMETRES, LEVELS IN METRES. DO NOT SCALE.
2. CONCRETE FRAME BY OTHERS, SHOWN GREY.

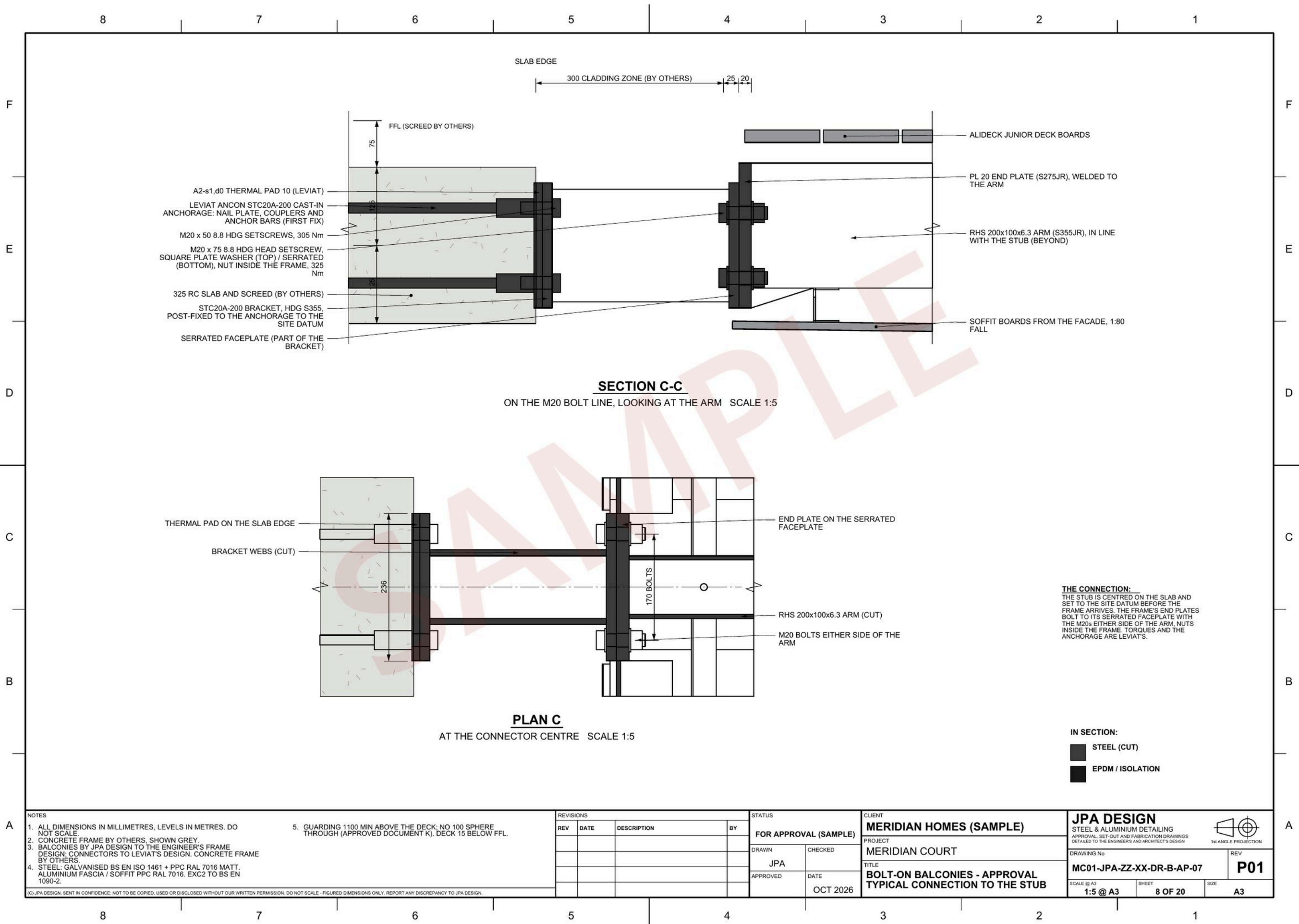
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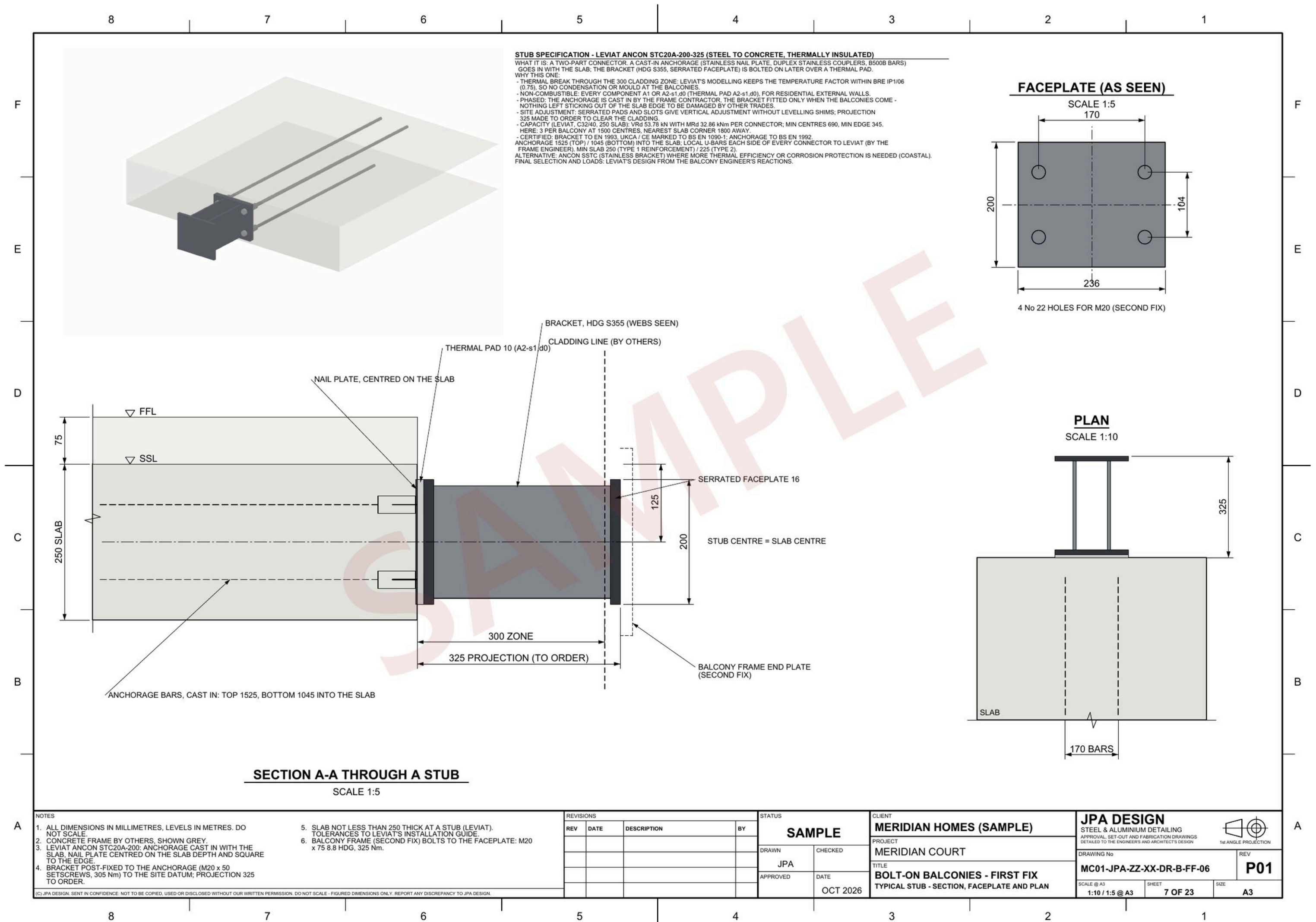
REVISIONS			
REV	DATE	DESCRIPTION	BY

STATUS	
FOR APPROVAL (SAMPLE)	
DRAWN	CHECKED
JPA	
APPROVED	DATE
	OCT 2026

CLIENT	MERIDIAN HOMES (SAMPLE)
PROJECT	MERIDIAN COURT
TITLE	BOLT-ON BALCONIES - APPROVAL 3D VIEW

JPA DESIGN			
STEEL & ALUMINIUM DETAILING			
APPROVAL SET-OUT AND FABRICATION DRAWINGS DETAILED TO THE ENGINEERS AND ARCHITECT'S DESIGN			
DRAWING No			1st ANGLE PROJECTION
MC01-JPA-ZZ-XX-DR-B-AP-01			REV
			P01
SCALE @ A3	SHEET	SIZE	A3
NTS	2 OF 20		





- NOTES
1. ALL DIMENSIONS IN MILLIMETRES, LEVELS IN METRES. DO NOT SCALE.
 2. CONCRETE FRAME BY OTHERS, SHOWN GREY.
 3. LEVIAT ANCON STC20A-200: ANCHORAGE CAST IN WITH THE SLAB, NAIL PLATE CENTRED ON THE SLAB DEPTH AND SQUARE TO THE EDGE.
 4. BRACKET POST-FIXED TO THE ANCHORAGE (M20 x 50 SETSCREWS, 305 Nm) TO THE SITE DATUM; PROJECTION 325 TO ORDER.

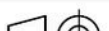
5. SLAB NOT LESS THAN 250 THICK AT A STUB (LEVIAT). TOLERANCES TO LEVIAT'S INSTALLATION GUIDE.
6. BALCONY FRAME (SECOND FIX) BOLTS TO THE FACEPLATE: M20 x 75 8.8 HDG, 325 Nm.

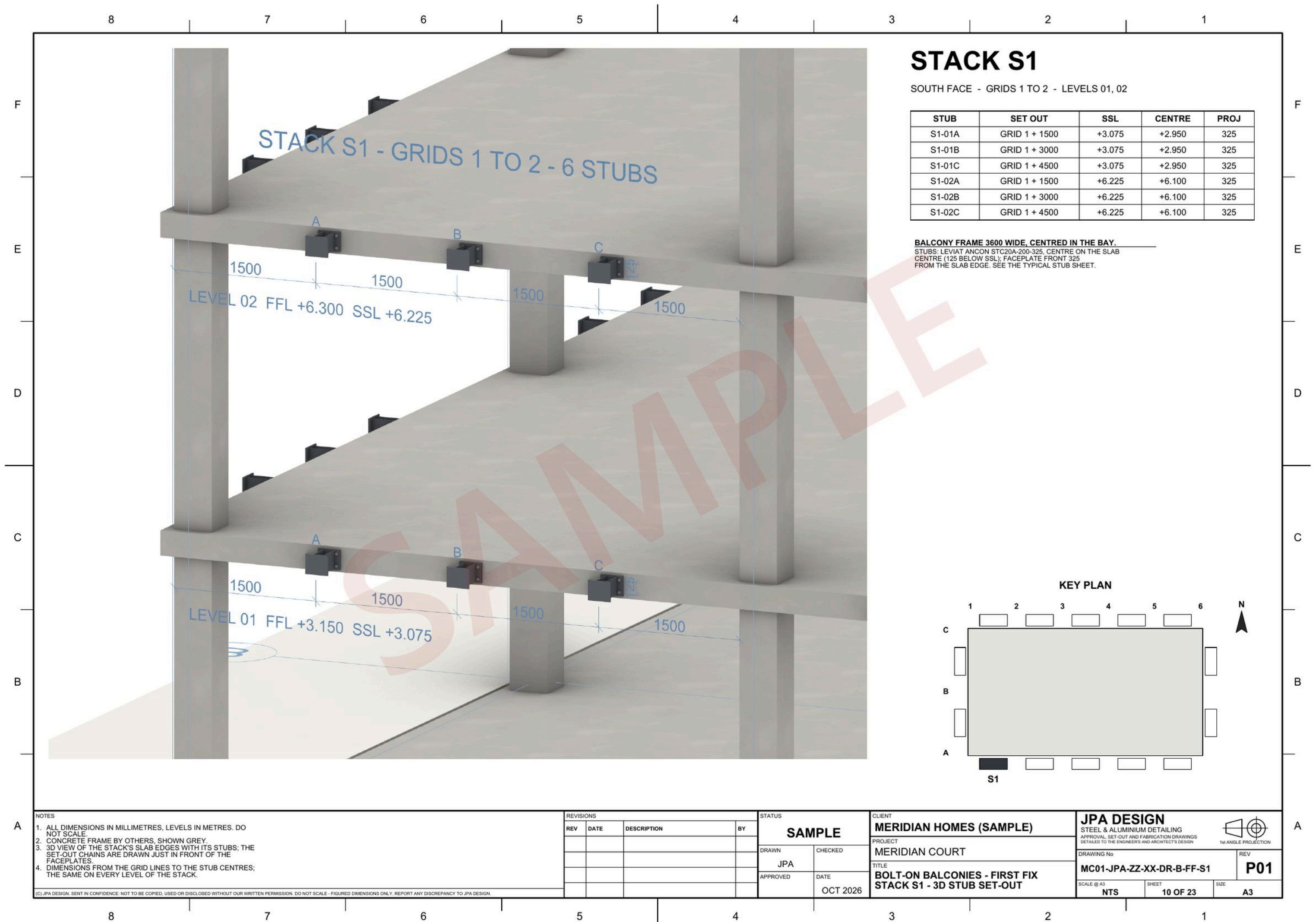
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REVISIONS			
REV	DATE	DESCRIPTION	BY

STATUS	
SAMPLE	
DRAWN	CHECKED
JPA	
APPROVED	DATE
	OCT 2026

CLIENT	MERIDIAN HOMES (SAMPLE)
PROJECT	MERIDIAN COURT
TITLE	BOLT-ON BALCONIES - FIRST FIX
TYPICAL STUB - SECTION, FACEPLATE AND PLAN	

JPA DESIGN		
STEEL & ALUMINIUM DETAILING		
APPROVAL SET-OUT AND FABRICATION DRAWINGS DETAILED TO THE ENGINEER'S AND ARCHITECT'S DESIGN		
DRAWING No		1st ANGLE PROJECTION
MC01-JPA-ZZ-XX-DR-B-FF-06		REV
		P01
SCALE @ A3	SHEET	SIZE
1:10 / 1:5 @ A3	7 OF 23	A3

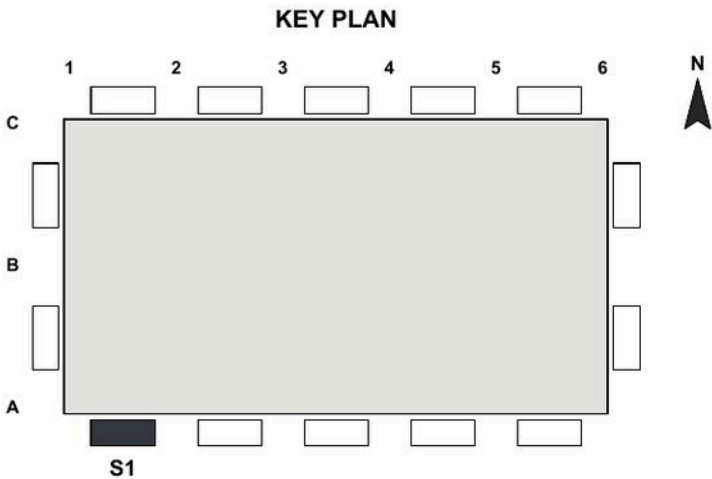


STACK S1

SOUTH FACE - GRIDS 1 TO 2 - LEVELS 01, 02

STUB	SET OUT	SSL	CENTRE	PROJ
S1-01A	GRID 1 + 1500	+3.075	+2.950	325
S1-01B	GRID 1 + 3000	+3.075	+2.950	325
S1-01C	GRID 1 + 4500	+3.075	+2.950	325
S1-02A	GRID 1 + 1500	+6.225	+6.100	325
S1-02B	GRID 1 + 3000	+6.225	+6.100	325
S1-02C	GRID 1 + 4500	+6.225	+6.100	325

BALCONY FRAME 3600 WIDE, CENTRED IN THE BAY.
STUBS: LEVIAT ANCON STC20A-200-325, CENTRE ON THE SLAB CENTRE (125 BELOW SSL); FACEPLATE FRONT 325 FROM THE SLAB EDGE. SEE THE TYPICAL STUB SHEET.



- NOTES
- ALL DIMENSIONS IN MILLIMETRES, LEVELS IN METRES. DO NOT SCALE.
 - CONCRETE FRAME BY OTHERS, SHOWN GREY.
 - 3D VIEW OF THE STACK'S SLAB EDGES WITH ITS STUBS; THE SET-OUT CHAINS ARE DRAWN JUST IN FRONT OF THE FACEPLATES.
 - DIMENSIONS FROM THE GRID LINES TO THE STUB CENTRES; THE SAME ON EVERY LEVEL OF THE STACK.

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REVISIONS			
REV	DATE	DESCRIPTION	BY

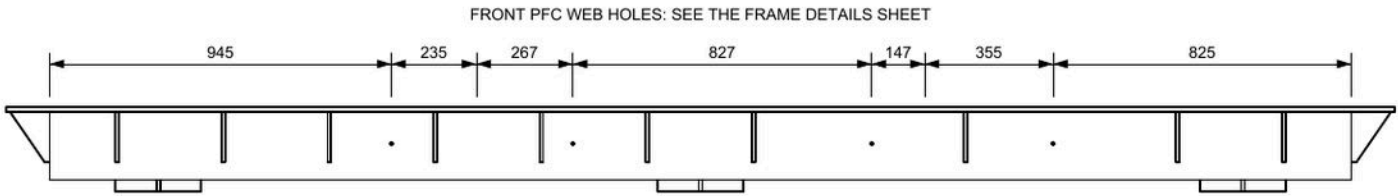
STATUS	
SAMPLE	
DRAWN	CHECKED
JPA	
APPROVED	DATE
	OCT 2026

CLIENT	MERIDIAN HOMES (SAMPLE)
PROJECT	MERIDIAN COURT
TITLE	BOLT-ON BALCONIES - FIRST FIX STACK S1 - 3D STUB SET-OUT

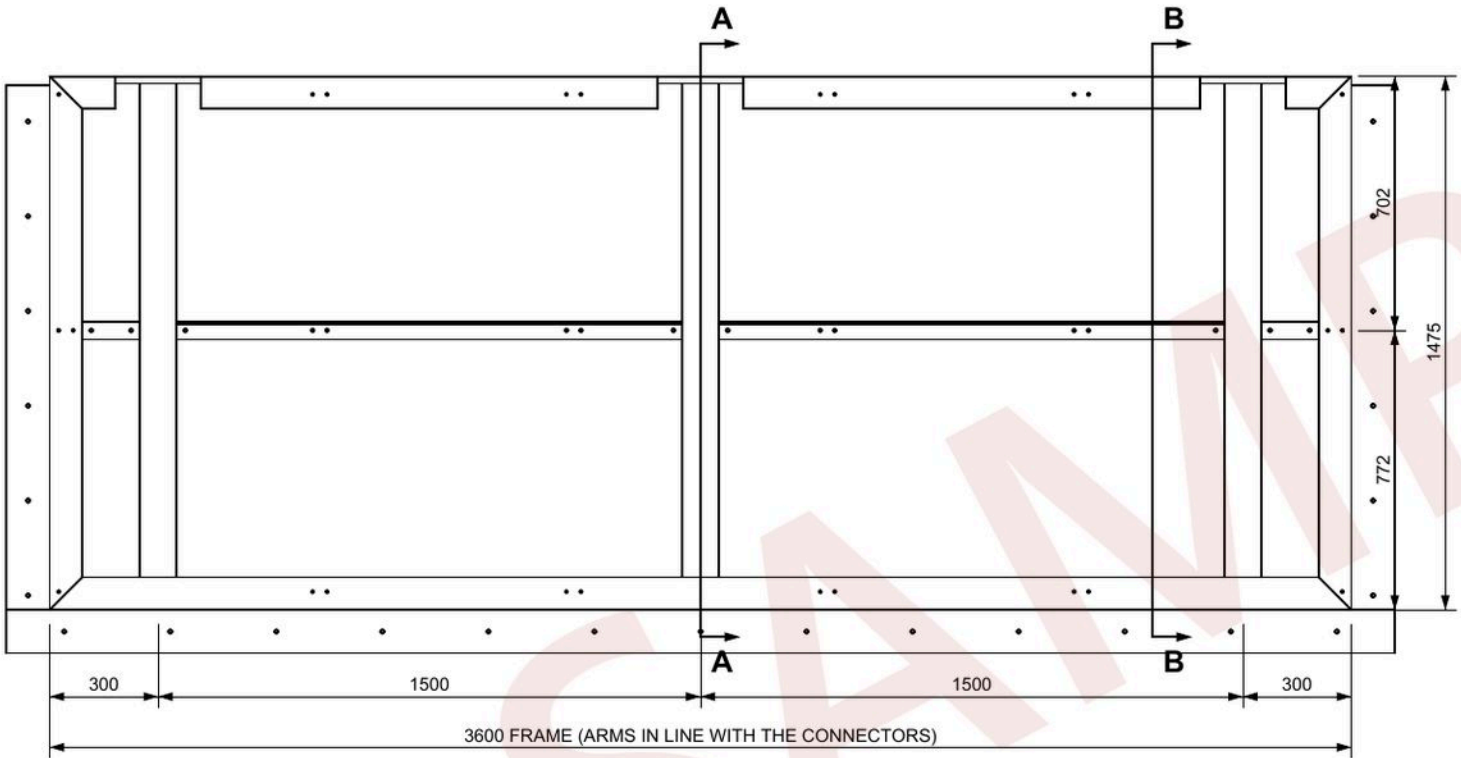
JPA DESIGN			
STEEL & ALUMINIUM DETAILING			
APPROVAL SET-OUT AND FABRICATION DRAWINGS			
DETAILED TO THE ENGINEERS AND ARCHITECT'S DESIGN			
DRAWING No			1st ANGLE PROJECTION
MC01-JPA-ZZ-XX-DR-B-FF-S1			REV
			P01
SCALE @ A3	SHEET	SIZE	
NTS	10 OF 23	A3	

O2 FRAMELESS - FRAME BF1 - GA

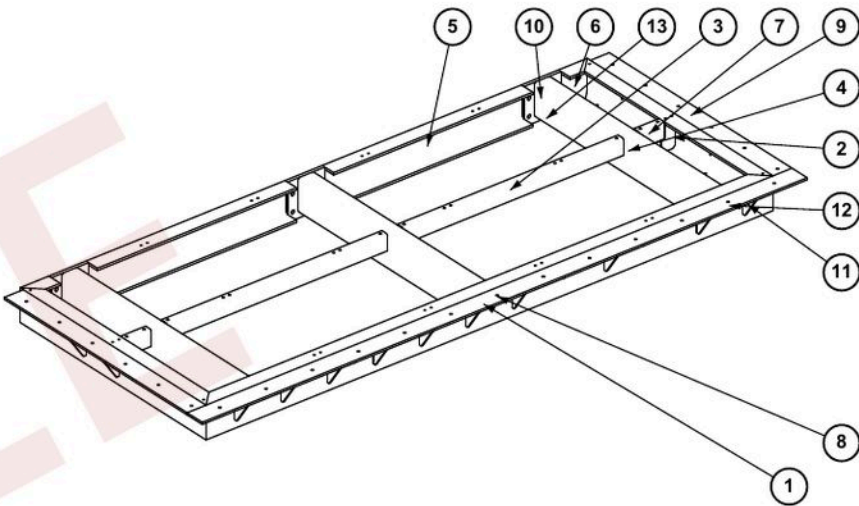
SAMPLE EXTRACT - NOT FOR FABRICATION



ELEVATION (FROM OUTSIDE) 1:20



PLAN 1:20



ISOMETRIC (NTS) - BALLOONS = PARTS LIST ITEMS

14 No REQUIRED AS DRAWN MARKED BF1

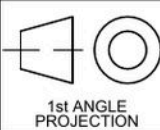
MASS EACH: 534.5 kg

FINISH: GALVANISED & PPC RAL 7016

PARTS LIST (QTY EACH, TOTAL FOR ALL)

ITEM	STOCK NUMBER	UNIT QTY	QTY	TOTAL
1	PFC 200 x 90 x 30 MITRED	3600 mm	1	14
2	PFC 200 x 90 x 30 MITRED	1475 mm	2	28
3	RHS 100 x 50 x 4	1400 mm	2	28
4	RHS 200 x 100 x 6.3	1365 mm	3	42
5	PFC 200 x 90 x 30	1264 mm	2	28
6	PFC 200 x 90 x 30 MITRED	182 mm	2	28
7	RHS 100 x 50 x 4	160 mm	2	28
8	PL 12 3840 x 120	1	1	14
9	PL 12 120 x 1450	1	2	28
10	PL 20 236 x 232	1	3	42
11	PL 10 110 x 138	1	14	196
12	PL 10 83 x 172	1	8	112
13	PL 10 100 x 32	1	3	42

NOTES
1. DIMENSIONS IN mm, DO NOT SCALE. HOLE POSITIONS FOR EVERY MEMBER ON THE CUT LIST, PLATES ON THE PLATE SHEETS.
2. S355 HOLLOW SECTIONS AND PFC, S275 PLATE AND FLATS. BS EN 1090-2 EXC2. 6 FW ALL ROUND U.N.O.
3. GALVANISE TO BS EN ISO 1461 THEN PPC RAL 7016: VENT AND DRAIN AS SHOWN; NO SITE WELDING.
4. ALUMINIUM ISOLATED FROM STEEL: EPDM PADS / ISOLATING WASHERS AS NOTED. STAINLESS FIXINGS A4.
5. SIZES INDICATIVE UNTIL THE ENGINEER'S DESIGN IS RECEIVED.



1st ANGLE
PROJECTION

QUALITY RECORD (BY THE FABRICATOR)			
STAGE	OPERATION	NAME	DATE
1	FABRICATED BY		
2	CHECKED BY		
3	WELDED BY		
4	FITTED BY		
5	FINAL INSPECTION		

PROCEDURE REF:-	
FABRICATOR'S WPS	
EXECUTION CLASS 2	

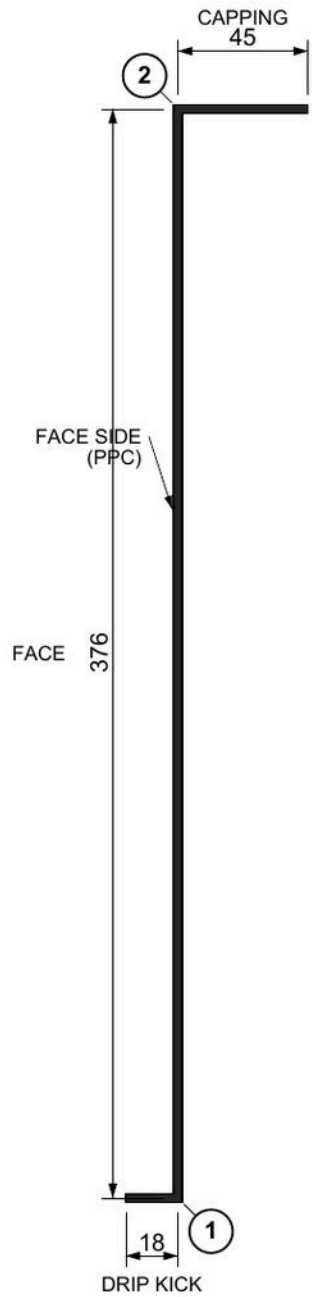
CONTRACT NO: JPA-2024-001
PROJECT NO: JPA-2024-001
DRAWING NO: JPA-2024-001-001
ISSUE: 1

JPA DESIGN			
DRAWN	CHECKED	DATE	SCALE @ A3
JPA		OCT 2026	1:20 / NTS

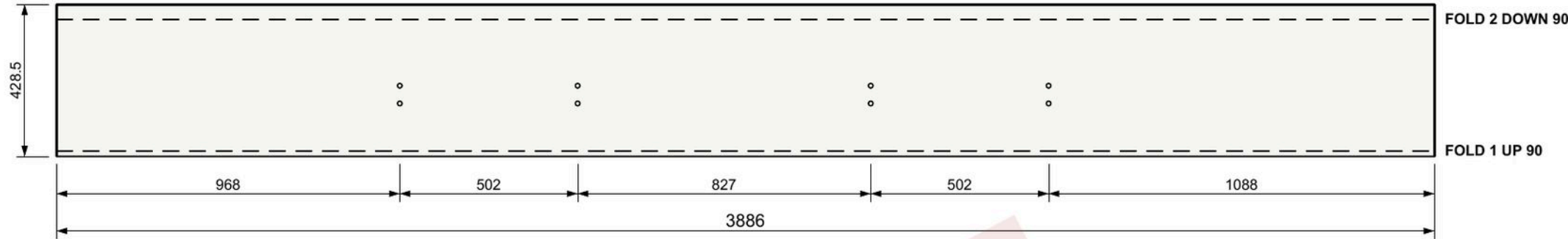
DESCRIPTION:			
O2 FRAMELESS - FRAME BF1 - GA			
CONTRACT: MERIDIAN COURT (SAMPLE)			
PROJECT NO	DRAWING NO	ISSUE	
MC01	MC01-JPA-ZZ-XX-DR-F-S10	P01	

O2 FRAMELESS - FA1-1 FRONT FASCIA (FLAT PATTERN)

SAMPLE EXTRACT - NOT FOR FABRICATION



FOLDED PROFILE 1:2.5
OUTSIDE DIMENSIONS, GIRTH 439
3mm AW-5005, 2 FOLDS



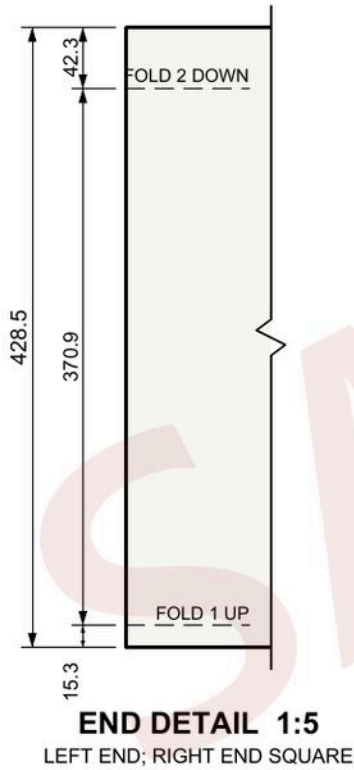
FLAT BLANK 1:15 (FACE SIDE UP, FOLD LINES DASHED)

LEG	FLAT	OUTSIDE	FOLD
DRIP KICK	12.0	18	1 UP 90
FACE	364.4	376	2 DOWN 90
CAPPING	39.0	45	-

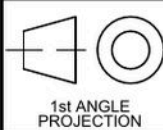
BLANK 3886 x 428.5, 3mm AW-5005
INSIDE RADIUS 3.0, K 0.40: BEND DEDUCTION 5.40 PER 90
TYPICAL TOOLING - CONFIRM WITH THE FOLDER
1 No PER BALCONY, 14 No TOTAL

SET-OUT FROM THE LEFT END AND THE BOTTOM EDGE

FEATURE	ALONG	UP	SIZE
HOLE 1	968.0	149.4	5.5 DIA
HOLE 2	968.0	199.4	5.5 DIA
HOLE 3	1469.7	149.4	5.5 DIA
HOLE 4	1469.7	199.4	5.5 DIA
HOLE 5	2296.3	149.4	5.5 DIA
HOLE 6	2296.3	199.4	5.5 DIA
HOLE 7	2798.0	149.4	5.5 DIA
HOLE 8	2798.0	199.4	5.5 DIA



- NOTES
1. ALUMINIUM SHEET AW-5005, PPC RAL 7016 AFTER FOLDING (FASCIA), MILL (TRIMS), DO NOT SCALE: DXF PER BLANK.
 2. BLANK SIZES FROM TYPICAL BEND DEDUCTIONS: CHECK AGAINST THE FOLDER'S TOOLING BEFORE CUTTING.
 3. CUT-OUTS AND HOLES CUT FLAT BEFORE FOLDING, DEBURRED. FOLD LINES ON THE DXF FOLD LAYER.
 4. FASCIA FIXED THROUGH THE FRONT TO THE SPACER BRACKETS, A4 CSK SCREWS, COLOUR CAPPED.
 5. CHECK THE FOLDED PROFILE (OUTSIDE DIMENSIONS) BEFORE FINISHING.



QUALITY RECORD (BY THE FABRICATOR)			
STAGE	OPERATION	NAME	DATE
1	FABRICATED BY		
2	CHECKED BY		
3	WELDED BY		
4	FITTED BY		
5	FINAL INSPECTION		

PROCEDURE REF:-	
FABRICATOR'S WPS	
EXECUTION CLASS 2	

DRAWN	
JPA	

CHECKED	
OCT 2026	

DATE	
OCT 2026	

SCALE @ A3	
AS SHOWN	

JPA DESIGN
STEEL & ALUMINIUM DETAILING
FABRICATION DRAWINGS
DETAILED TO THE ENGINEER'S AND
ARCHITECT'S DESIGN

DESCRIPTION :
O2 FRAMELESS - FA1-1 FRONT FASCIA (FLAT PATTERN)
CONTRACT :
MERIDIAN COURT (SAMPLE)

PROJECT No	DRAWING No	ISSUE
MC01	MC01-JPA-ZZ-XX-DR-F-A20	P01