

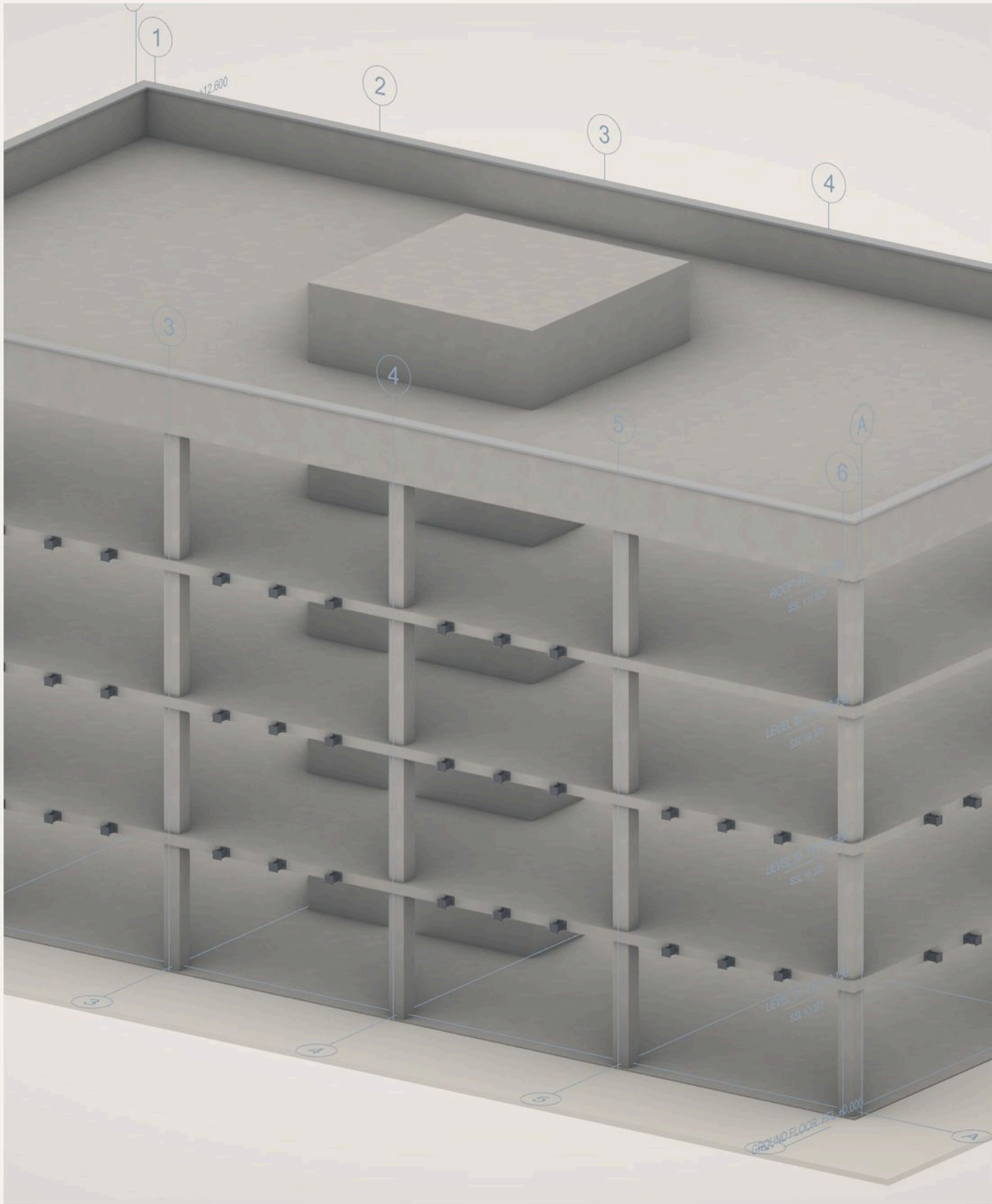
Site set-out and first fix

Sample drawings

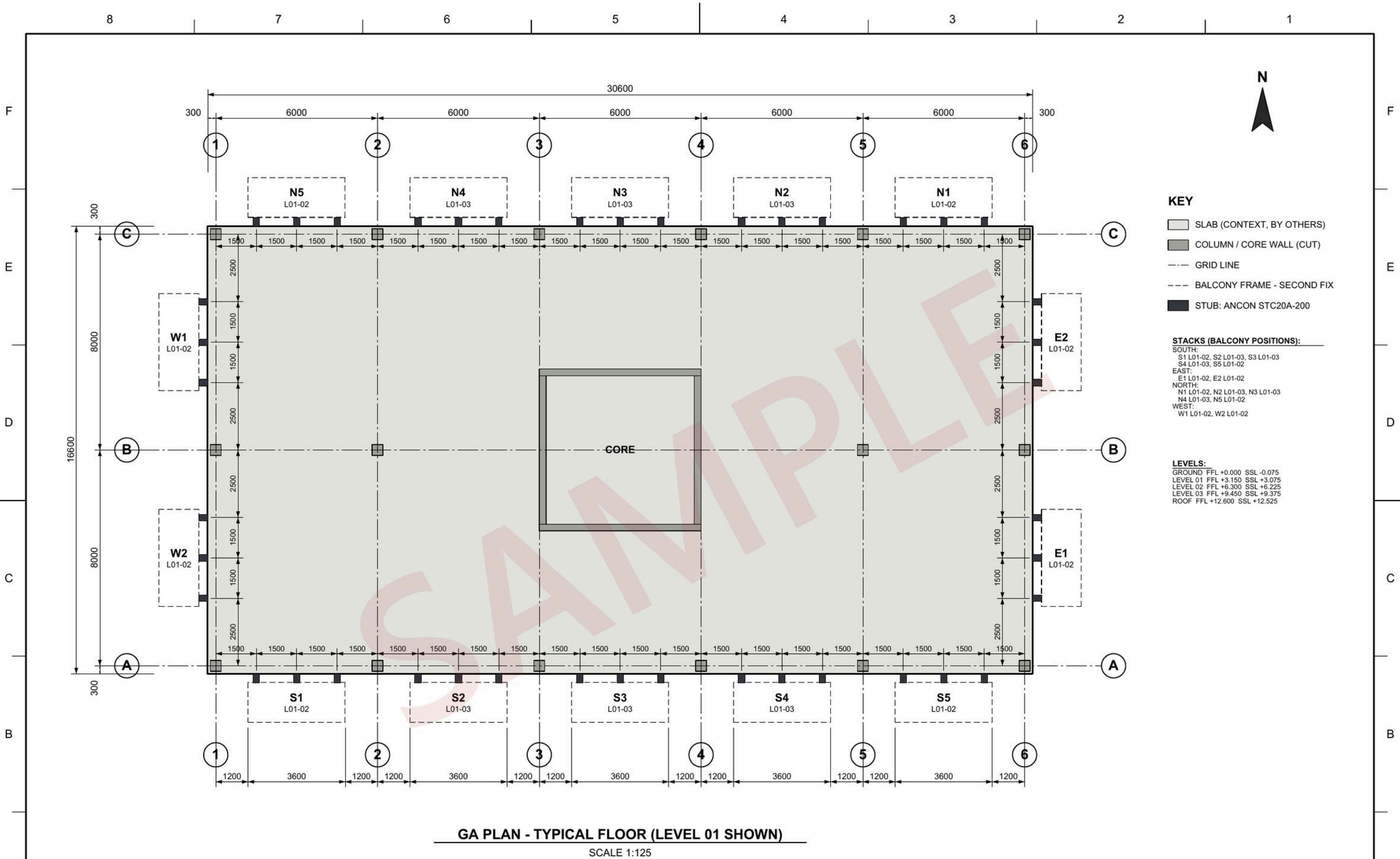
MC01-FF-01	First fix GA plan, stubs to the grids	1:100 @ A3
MC01-FF-06	Typical stub, section A-A	1:5 @ A3
MC01-FF-S1	Stack S1, 3D stub set-out	A3
AF09-AP-10	Foundation and HD bolt plan, base schedule	A1
U7-GA-02	Base set-out details	1:10 @ A3

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.



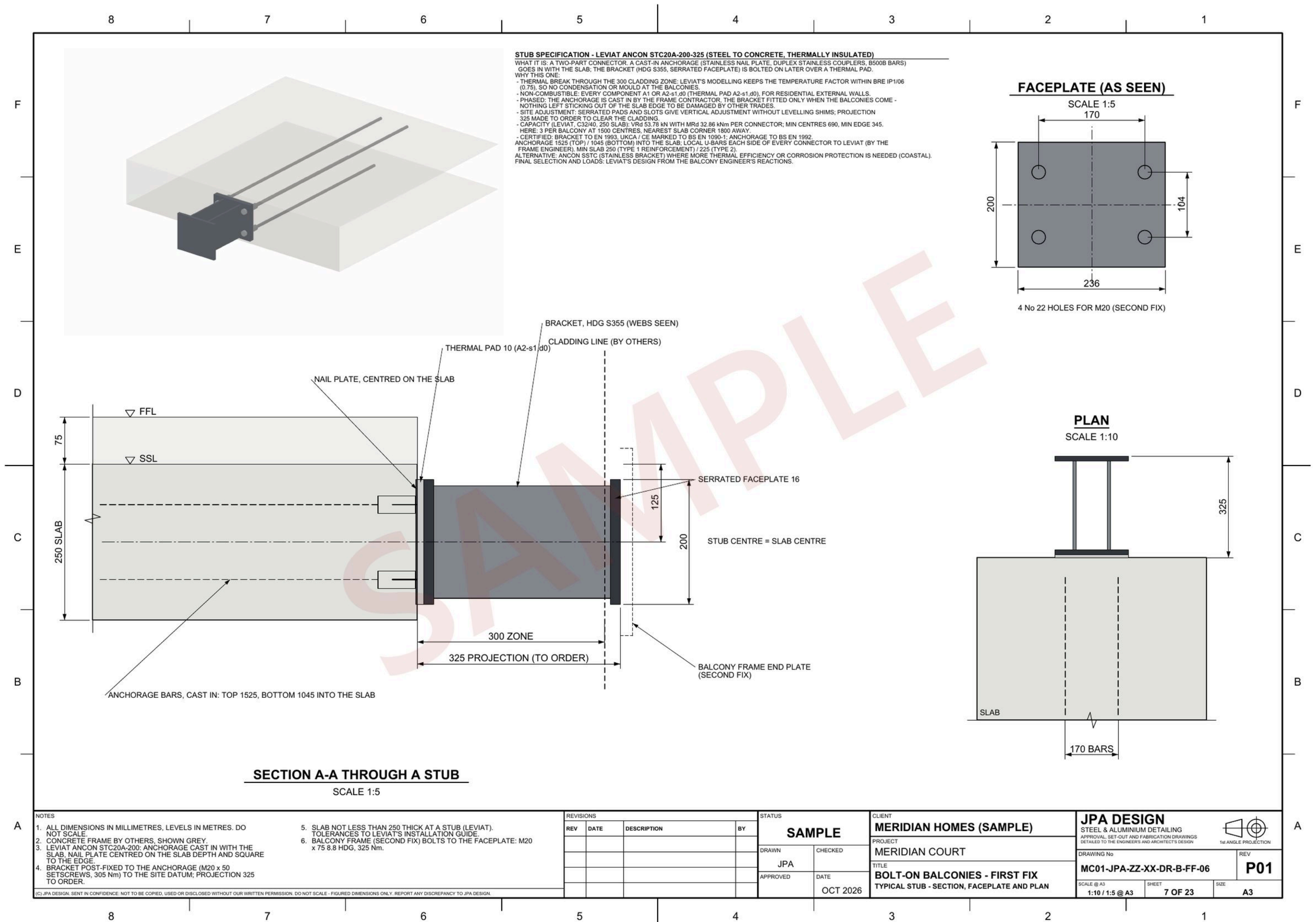
- KEY**
- SLAB (CONTEXT, BY OTHERS)
 - COLUMN / CORE WALL (CUT)
 - GRID LINE
 - BALCONY FRAME - SECOND FIX
 - STUB: ANCON STC20A-200

- STACKS (BALCONY POSITIONS):**
- SOUTH:
S1 L01-02, S2 L01-03, S3 L01-03
S4 L01-03, S5 L01-02
- EAST:
E1 L01-02, E2 L01-02
- NORTH:
N1 L01-02, N2 L01-03, N3 L01-03
N4 L01-03, N5 L01-02
- WEST:
W1 L01-02, W2 L01-02

- LEVELS:**
- GROUND FFL +0.000 SSL -0.075
LEVEL 01 FFL +3.150 SSL +3.075
LEVEL 02 FFL +6.300 SSL +6.225
LEVEL 03 FFL +9.450 SSL +9.375
ROOF FFL +12.600 SSL +12.525

GA PLAN - TYPICAL FLOOR (LEVEL 01 SHOWN)
SCALE 1:125

A	NOTES	1. ALL DIMENSIONS IN MILLIMETRES, LEVELS IN METRES. DO NOT SCALE. 2. CONCRETE FRAME BY OTHERS, SHOWN GREY. 3. STUBS ARE SET OUT FROM THE GRID LINES: CHAINS JUST INSIDE EACH SLAB EDGE (LEVEL 01; THE SAME ON EVERY LEVEL OF A STACK) 4. GRID LINES PASS THROUGH THE COLUMN CENTRES. SLAB EDGES 300 BEYOND GRIDS 1 / 6 / A / C.	5. BALCONY FRAMES (SECOND FIX) SHOWN DASHED FOR POSITION ONLY. 6. STUBS: LEVIAT ANCON STC20A-200, CAST IN WITH THE SLAB; SET OUT ON THE ELEVATIONS, SEE THE TYPICAL STUB SHEET.	REVISIONS				STATUS		CLIENT		JPA DESIGN			
				REV	DATE	DESCRIPTION	BY	SAMPLE		MERIDIAN HOMES (SAMPLE)		STEEL & ALUMINIUM DETAILING			
				DRAWN		CHECKED		APPROVAL, SET-OUT AND FABRICATION DRAWINGS DETAILED TO THE ENGINEER'S AND ARCHITECT'S DESIGN							
				JPA		DATE		PROJECT		REV					
				OCT 2026		TITLE		DRAWING No		MC01-JPA-ZZ-XX-DR-B-FF-01					
				BOLT-ON BALCONIES - FIRST FIX		P01									
				GA PLAN - TYPICAL FLOOR (LEVEL 01)		1st ANGLE PROJECTION									
				SCALE @ A3		SHEET		SIZE							
				1:125 @ A3		2 OF 23		A3							
(C) JPA DESIGN. SENT IN CONFIDENCE: NOT TO BE COPIED, USED OR DISCLOSED WITHOUT OUR WRITTEN PERMISSION. DO NOT SCALE - FIGURED DIMENSIONS ONLY. REPORT ANY DISCREPANCY TO JPA DESIGN.															



- 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.

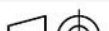
5. SLAB NOT LESS THAN 250 THICK AT A STUB (LEVIAT). TOLERANCES TO LEVIAT'S INSTALLATION GUIDE.
6. BALCONY FRAME (SECOND FIX) BOLTS TO THE FACEPLATE: M20 x 75 8.8 HDG, 325 Nm.

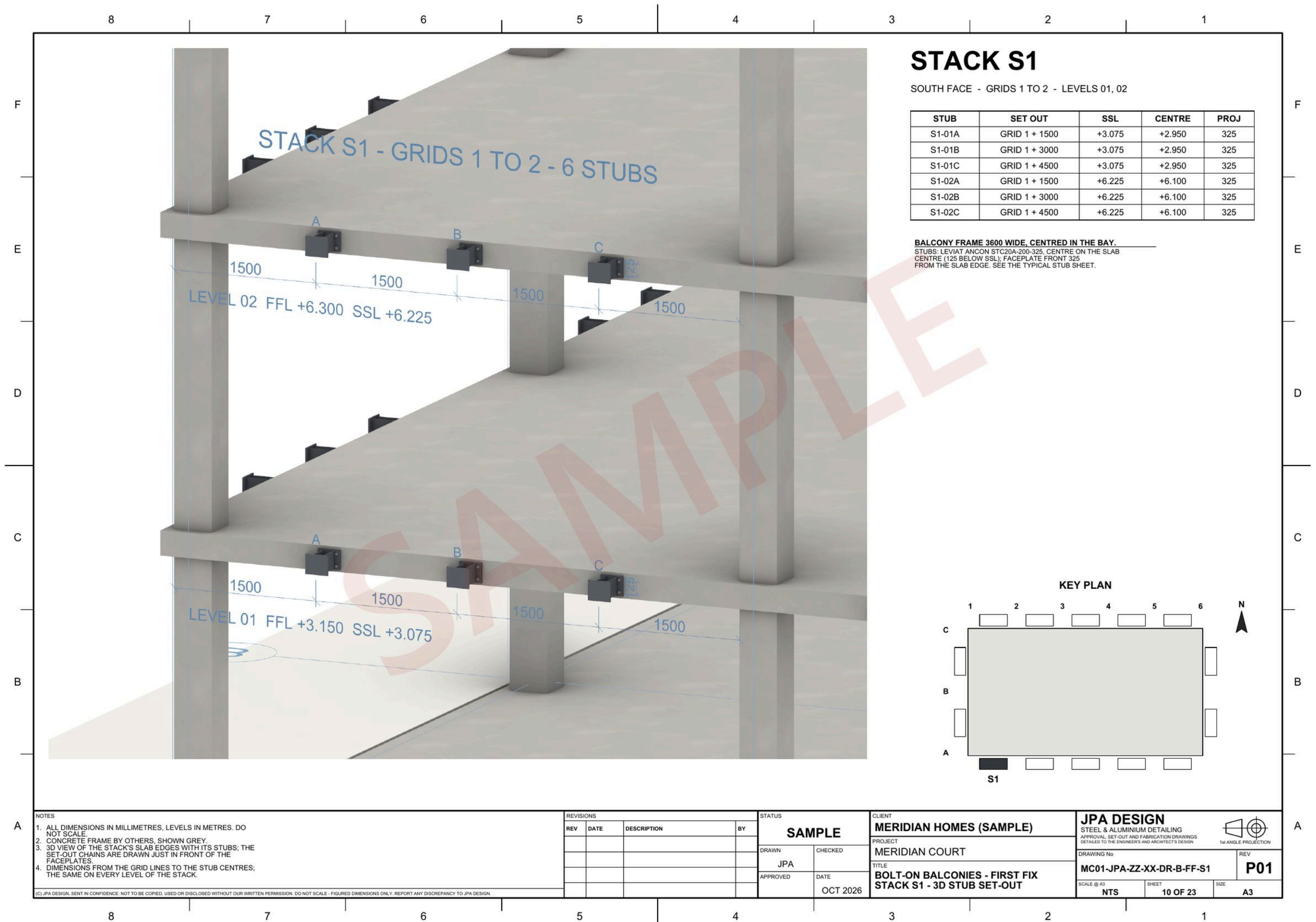
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REVISIONS			
REV	DATE	DESCRIPTION	BY

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 ENGINEERS 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 - GRIDS 1 TO 2 - 6 STUBS

1500 1500 1500 1500
LEVEL 02 FFL +6.300 SSL +6.225

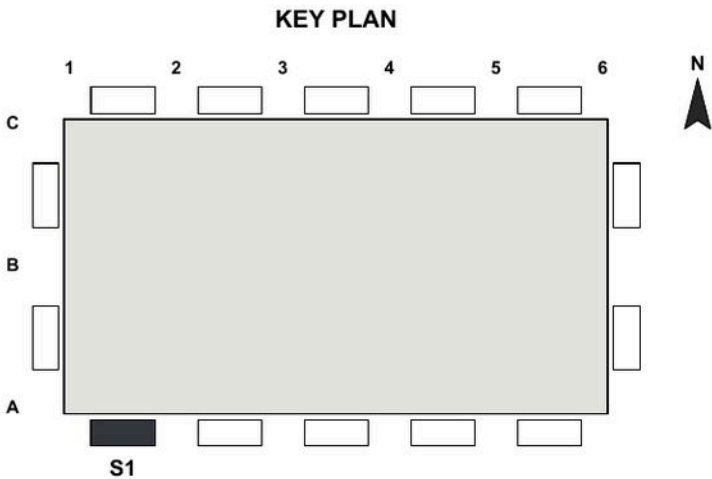
1500 1500 1500 1500
LEVEL 01 FFL +3.150 SSL +3.075

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.

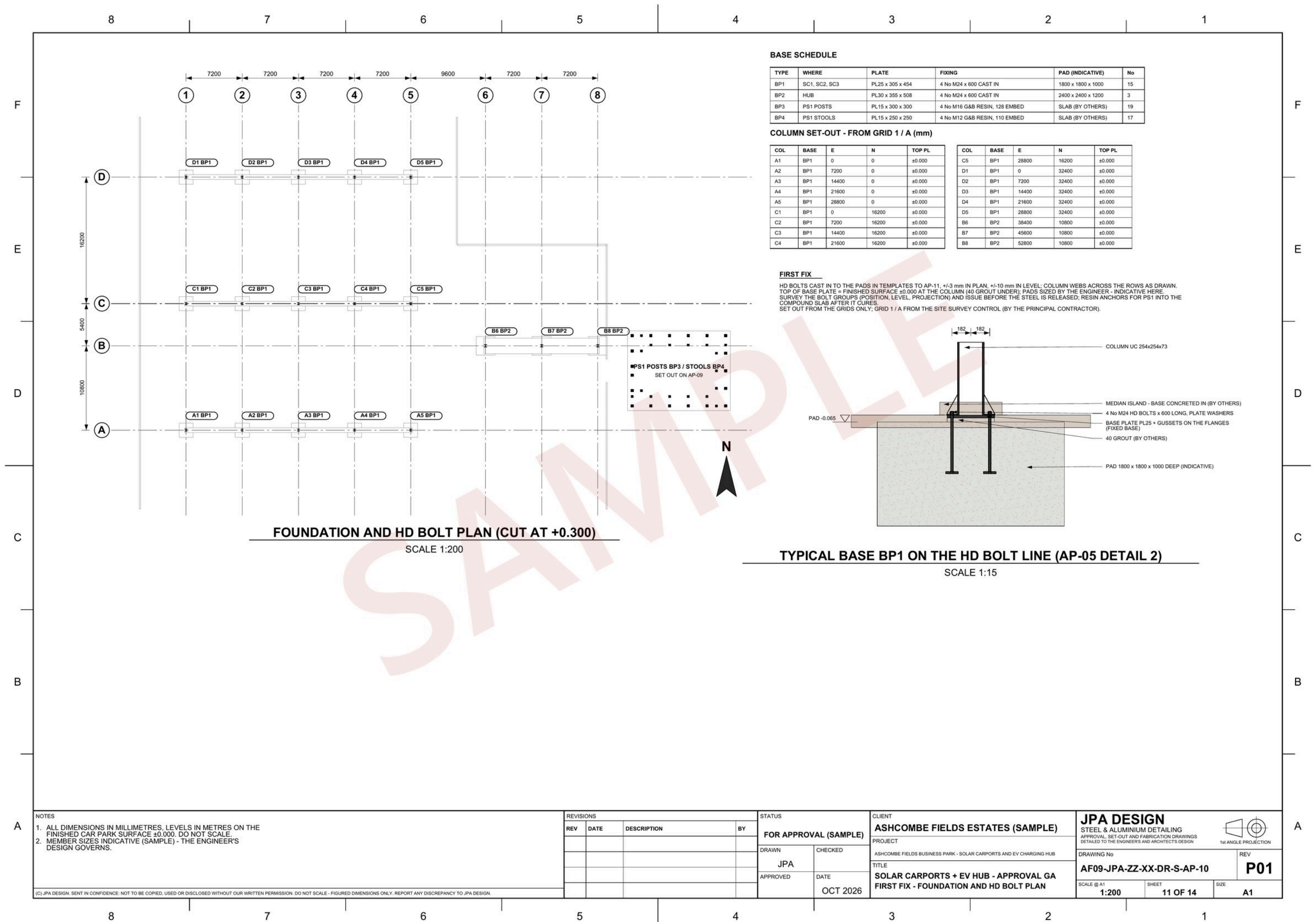
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REVISIONS			
REV	DATE	DESCRIPTION	BY

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			
			1st ANGLE PROJECTION
DRAWING No			REV
MC01-JPA-ZZ-XX-DR-B-FF-S1			P01
SCALE @ A3	SHEET	SIZE	
NTS	10 OF 23	A3	



BASE SCHEDULE

TYPE	WHERE	PLATE	FIXING	PAD (INDICATIVE)	No
BP1	SC1, SC2, SC3	PL25 x 305 x 454	4 No M24 x 600 CAST IN	1800 x 1800 x 1000	15
BP2	HUB	PL30 x 355 x 508	4 No M24 x 600 CAST IN	2400 x 2400 x 1200	3
BP3	PS1 POSTS	PL15 x 300 x 300	4 No M16 G&B RESIN, 128 EMBED	SLAB (BY OTHERS)	19
BP4	PS1 STOOLS	PL15 x 250 x 250	4 No M12 G&B RESIN, 110 EMBED	SLAB (BY OTHERS)	17

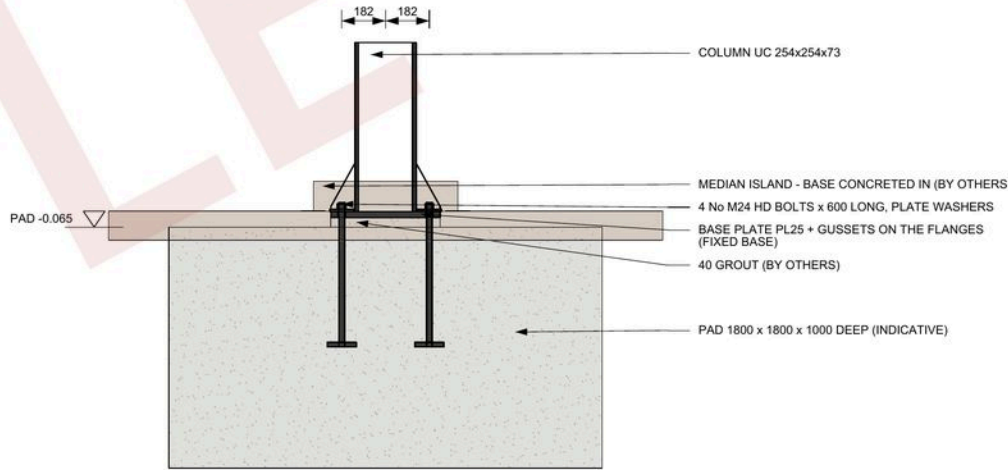
COLUMN SET-OUT - FROM GRID 1 / A (mm)

COL	BASE	E	N	TOP PL
A1	BP1	0	0	±0.000
A2	BP1	7200	0	±0.000
A3	BP1	14400	0	±0.000
A4	BP1	21600	0	±0.000
A5	BP1	28800	0	±0.000
C1	BP1	0	16200	±0.000
C2	BP1	7200	16200	±0.000
C3	BP1	14400	16200	±0.000
C4	BP1	21600	16200	±0.000

COL	BASE	E	N	TOP PL
C5	BP1	28800	16200	±0.000
D1	BP1	0	32400	±0.000
D2	BP1	7200	32400	±0.000
D3	BP1	14400	32400	±0.000
D4	BP1	21600	32400	±0.000
D5	BP1	28800	32400	±0.000
B6	BP2	38400	10800	±0.000
B7	BP2	45600	10800	±0.000
B8	BP2	52800	10800	±0.000

FIRST FIX

HD BOLTS CAST IN TO THE PADS IN TEMPLATES TO AP-11, +/-3 mm IN PLAN, +/-10 mm IN LEVEL. COLUMN WEBS ACROSS THE ROWS AS DRAWN. TOP OF BASE PLATE = FINISHED SURFACE ±0.000 AT THE COLUMN (40 GROUT UNDER). PADS SIZED BY THE ENGINEER - INDICATIVE HERE. SURVEY THE BOLT GROUPS (POSITION, LEVEL, PROJECTION) AND ISSUE BEFORE THE STEEL IS RELEASED. RESIN ANCHORS FOR PS1 INTO THE COMPOUND SLAB AFTER IT CURES. SET OUT FROM THE GRIDS ONLY. GRID 1 / A FROM THE SITE SURVEY CONTROL (BY THE PRINCIPAL CONTRACTOR).



TYPICAL BASE BP1 ON THE HD BOLT LINE (AP-05 DETAIL 2)

SCALE 1:15

FOUNDATION AND HD BOLT PLAN (CUT AT +0.300)

SCALE 1:200

- NOTES
- ALL DIMENSIONS IN MILLIMETRES. LEVELS IN METRES ON THE FINISHED CAR PARK SURFACE ±0.000. DO NOT SCALE.
 - MEMBER SIZES INDICATIVE (SAMPLE) - THE ENGINEER'S DESIGN GOVERNS.

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REVISIONS			
REV	DATE	DESCRIPTION	BY

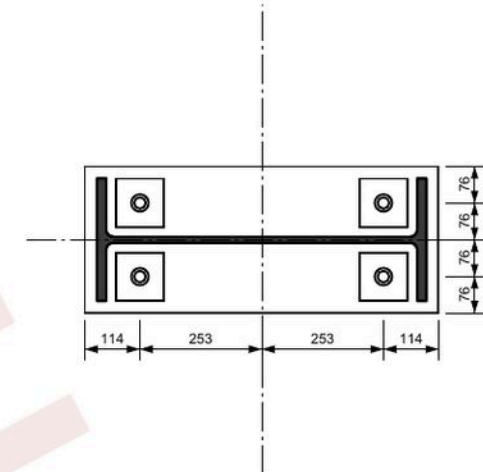
STATUS	
FOR APPROVAL (SAMPLE)	
DRAWN	CHECKED
JPA	
APPROVED	DATE
	OCT 2026

CLIENT	ASHCOMBE FIELDS ESTATES (SAMPLE)
PROJECT	ASHCOMBE FIELDS BUSINESS PARK - SOLAR CARPORTS AND EV CHARGING HUB
TITLE	SOLAR CARPORTS + EV HUB - APPROVAL GA
	FIRST FIX - FOUNDATION AND HD BOLT PLAN

JPA DESIGN			
STEEL & ALUMINIUM DETAILING			
APPROVAL, SET-OUT AND FABRICATION DRAWINGS DESIGNED TO THE ENGINEERS AND ARCHITECTS DESIGN			
DRAWING No			1st ANGLE PROJECTION
AF09-JPA-ZZ-XX-DR-S-AP-10			REV
			P01
SCALE @ A1	SHEET	SIZE	
1:200	11 OF 14	A1	

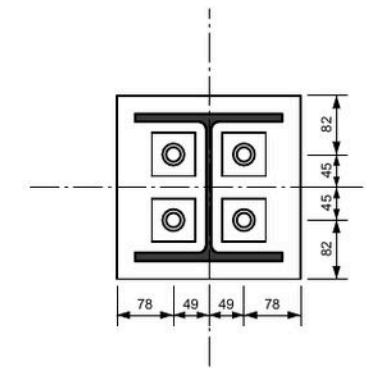
SAMPLE - NOT FOR FABRICATION - HOLDING-DOWN BOLTS SET OUT FROM THE COLUMN CENTRE LINES (= GRIDS U.N.O.)

BP3 PL25 x 304 x 734 (18 No)



4 No M24 x 600, WASHER PLATES AS CD-04
U/S PLATE -0.025 - GROUT 40 U.N.O. (BY OTHERS)
COLUMN
1:15 - TYPICAL C16

BP6 PL20 x 253 x 254 (12 No)



4 No M20 x 450, WASHER PLATES AS CD-04
U/S PLATE -0.020 - GROUT 40 U.N.O. (BY OTHERS)
COLUMN
1:10 - TYPICAL C26

DESCRIPTION :		
UNIT 7 - BASE SET-OUT DETAILS		
CONTRACT :		
UNIT 7 DISTRIBUTION CENTRE (SAMPLE)		
PROJECT No	DRAWING No	ISSUE
U7	U7-JPA-ZZ-XX-DR-S-GA-02	P01