

Stairs

Sample drawings

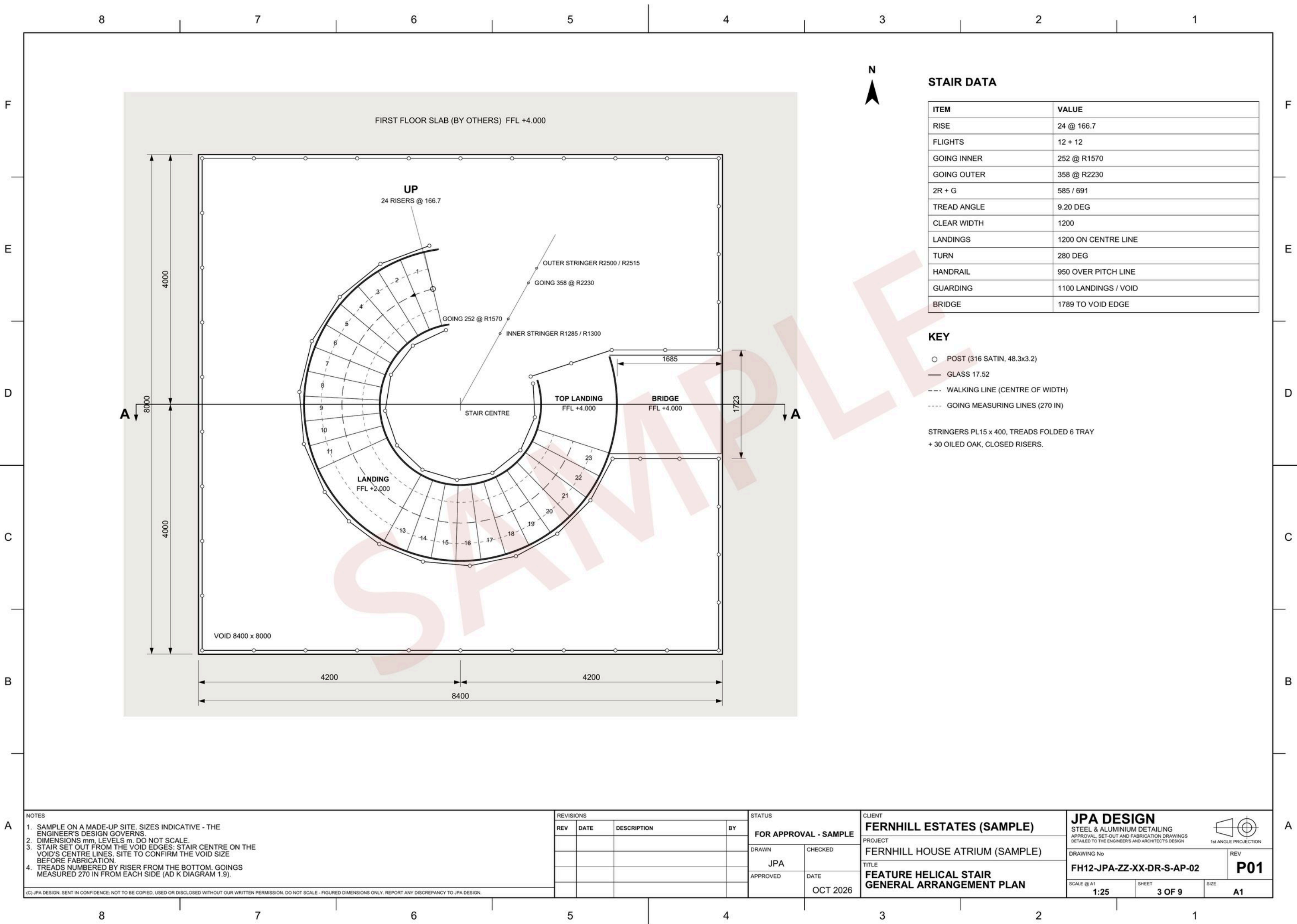
FH12-AP-02	GA plan	1:25 @ A1
FH12-AP-03	Outer stringer, developed elevation	A1
FH12-AP-06	Details: glass post, tread, void edge	1:5 @ A1
HF08-GA-12	Stair tower ST1, elevations	A3
HF08-GA-13	Typical flight, section on the flight	A3
TP03-AP-08	East stair, plan and elevation	1:100 @ A3

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.



F

E

D

C

B

A

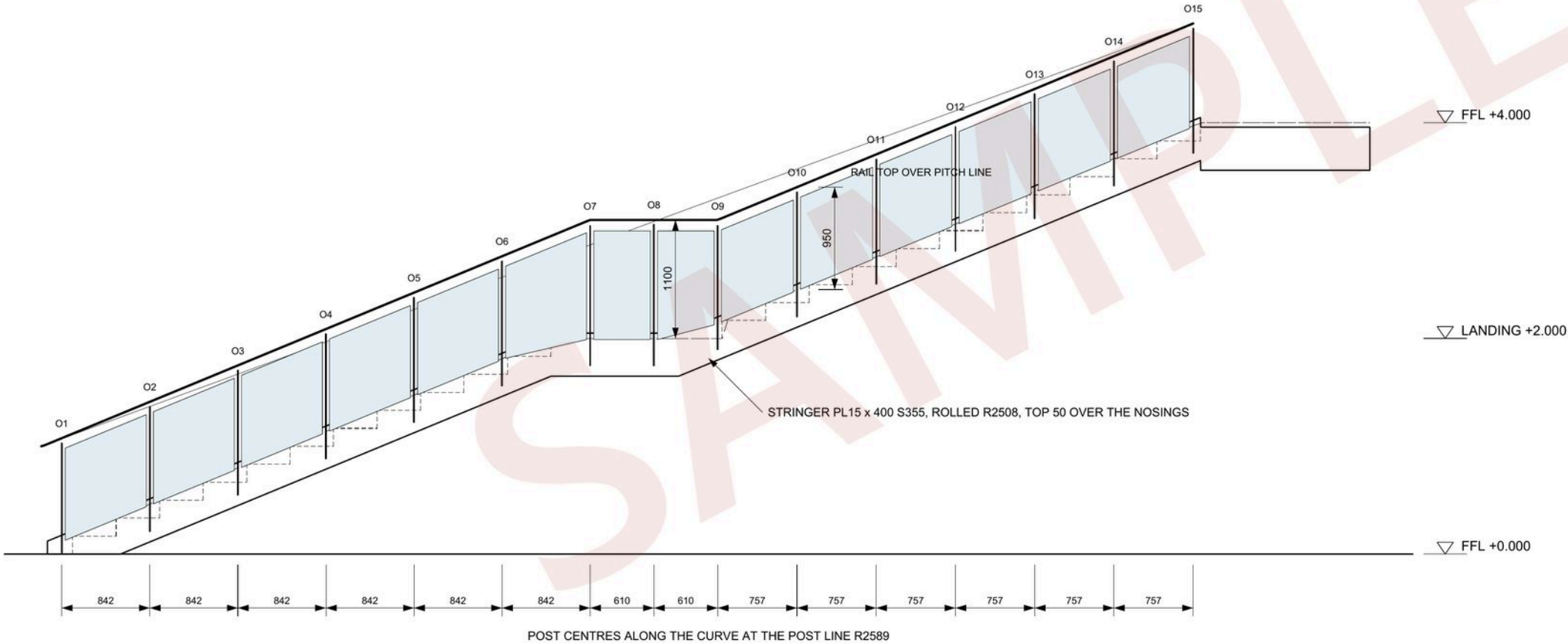
OUTER STRINGER - DEVELOPED ON R2515, SEEN FROM OUTSIDE THE STAIR

DEVELOPED LENGTH 12276 (BLANK AT MID THICKNESS 12239)

POST SET-OUT FROM RISER 1 (AT R2589)

POST	DEG	ARC	TOP
O1	-2.3	-104	+1.027
O2	16.3	738	+1.365
O3	34.9	1579	+1.702
O4	53.6	2421	+2.040
O5	72.2	3262	+2.377
O6	90.8	4104	+2.715
O7	109.4	4945	+3.044
O8	122.9	5555	+3.056

POST	DEG	ARC	TOP
O9	136.4	6165	+3.044
O10	153.2	6922	+3.356
O11	169.9	7679	+3.660
O12	186.7	8437	+3.963
O13	203.5	9194	+4.267
O14	220.2	9951	+4.571
O15	237.0	10708	+4.874



- NOTES
- SAMPLE ON A MADE-UP SITE. SIZES INDICATIVE - THE ENGINEER'S DESIGN GOVERNS.
 - DIMENSIONS mm, LEVELS m, DO NOT SCALE.
 - DEVELOPED (UNROLLED) ON THE STRINGER FACE, SEEN FROM OUTSIDE THE STAIR. LENGTHS ALONG THE CURVE AT THE RADIUS STATED.
 - SET OUT OFF THE NOSINGS: POSTS BY ANGLE FROM RISER 1 (SCHEDULE). LEVELS FROM FFL +0.000.

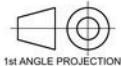
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REVISIONS			
REV	DATE	DESCRIPTION	BY

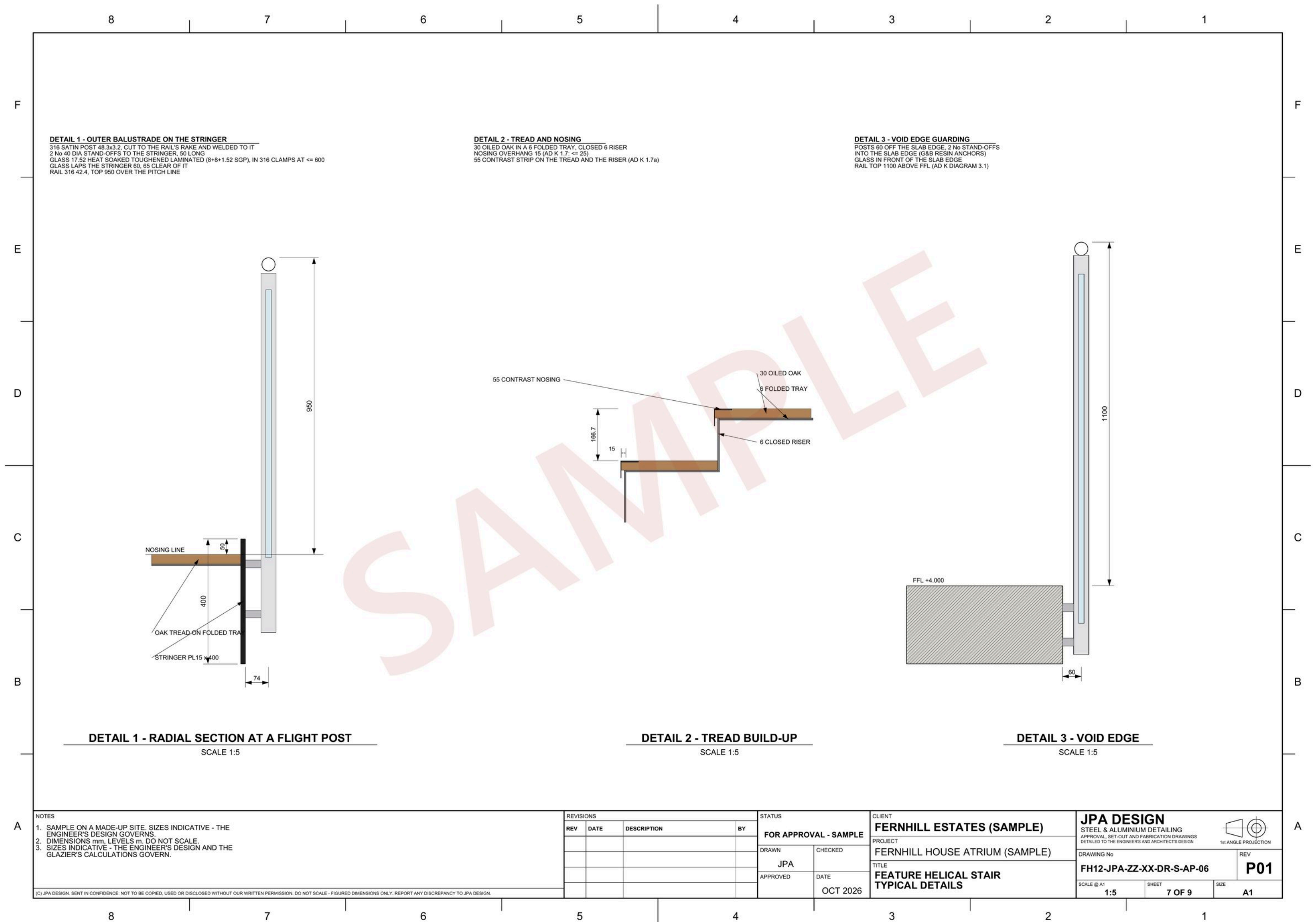
STATUS	
FOR APPROVAL - SAMPLE	
DRAWN	CHECKED
JPA	
APPROVED	DATE
	OCT 2026

CLIENT	FERNHILL ESTATES (SAMPLE)
PROJECT	FERNHILL HOUSE ATRIUM (SAMPLE)
TITLE	FEATURE HELICAL STAIR OUTER STRINGER - DEVELOPED ELEVATION

JPA DESIGN		
STEEL & ALUMINIUM DETAILING		
APPROVAL, SET-OUT AND FABRICATION DRAWINGS		
DETAILED TO THE ENGINEERS AND ARCHITECTS DESIGN		
DRAWING No	REV	
FH12-JPA-ZZ-XX-DR-S-AP-03	P01	
SCALE @ A1	SHEET	SIZE
1:25	4 OF 9	A1



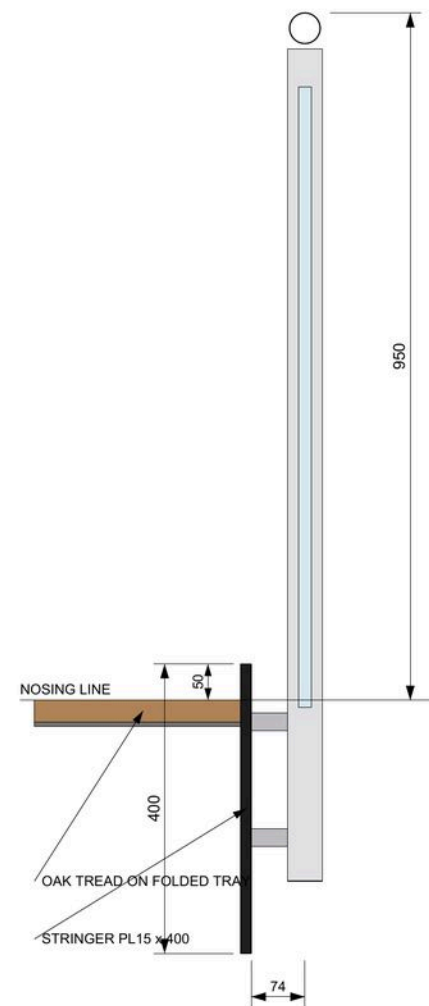
1st ANGLE PROJECTION



DETAIL 1 - OUTER BALUSTRADE ON THE STRINGER
316 SATIN POST 48.3x3.2, CUT TO THE RAIL'S RAKE AND WELDED TO IT
2 No 40 DIA STAND-OFFS TO THE STRINGER, 50 LONG
GLASS 17.52 HEAT SOAKED TOUGHENED LAMINATED (8+8+1.52 SGP), IN 316 CLAMPS AT <= 600
GLASS LAPS THE STRINGER 60, 65 CLEAR OF IT
RAIL 316 42.4, TOP 950 OVER THE PITCH LINE

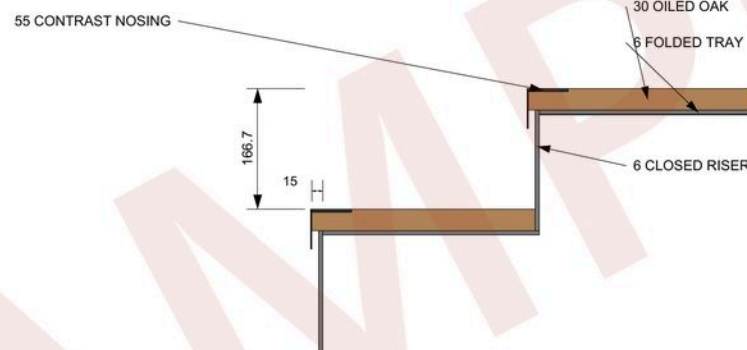
DETAIL 2 - TREAD AND NOSING
30 OILED OAK IN A 6 FOLDED TRAY, CLOSED 6 RISER
NOSING OVERHANG 15 (AD K 1.7: <= 25)
55 CONTRAST STRIP ON THE TREAD AND THE RISER (AD K 1.7a)

DETAIL 3 - VOID EDGE GUARDING
POSTS 60 OFF THE SLAB EDGE, 2 No STAND-OFFS
INTO THE SLAB EDGE (G&B RESIN ANCHORS)
GLASS IN FRONT OF THE SLAB EDGE
RAIL TOP 1100 ABOVE FFL (AD K DIAGRAM 3.1)



DETAIL 1 - RADIAL SECTION AT A FLIGHT POST

SCALE 1:5



DETAIL 2 - TREAD BUILD-UP

SCALE 1:5



DETAIL 3 - VOID EDGE

SCALE 1:5

- NOTES
1. SAMPLE ON A MADE-UP SITE. SIZES INDICATIVE - THE ENGINEER'S DESIGN GOVERNS.
 2. DIMENSIONS mm, LEVELS m. DO NOT SCALE.
 3. SIZES INDICATIVE - THE ENGINEER'S DESIGN AND THE GLAZIER'S CALCULATIONS GOVERN.

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REVISIONS			
REV	DATE	DESCRIPTION	BY

STATUS	
FOR APPROVAL - SAMPLE	
DRAWN	CHECKED
JPA	
APPROVED	DATE
	OCT 2026

CLIENT	FERNHILL ESTATES (SAMPLE)
PROJECT	FERNHILL HOUSE ATRIUM (SAMPLE)
TITLE	FEATURE HELICAL STAIR TYPICAL DETAILS

JPA DESIGN			
STEEL & ALUMINIUM DETAILING			
APPROVAL, SET-OUT AND FABRICATION DRAWINGS DETAILED TO THE ENGINEERS AND ARCHITECTS DESIGN			
DRAWING No			1st ANGLE PROJECTION
FH12-JPA-ZZ-XX-DR-S-AP-06			REV
			P01
SCALE @ A1	SHEET	SIZE	
1:5	7 OF 9	A1	

