

Canopies and carports

Sample drawings

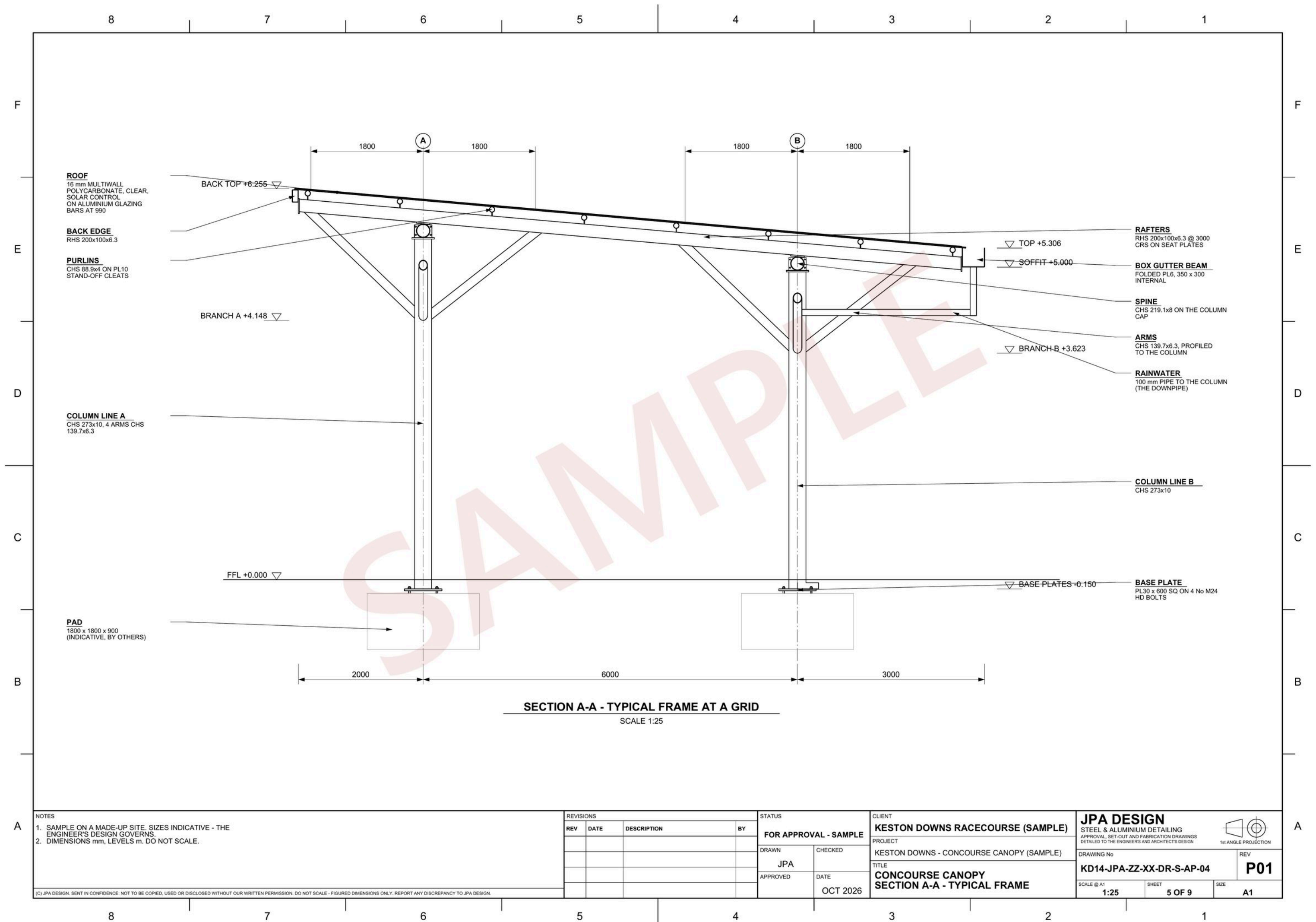
KD14-AP-04	Section through a typical frame	1:50 @ A1
KD14-AP-05	Tree column and base, section B-B	1:20 @ A1
AF09-AP-04	Section through a carport frame	1:50 @ A1
AF09-AP-05	Valley, base and rafter tip details	1:10 @ A1
AF09-FA-R1-1	Rafter R1 assembly	A3

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.



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

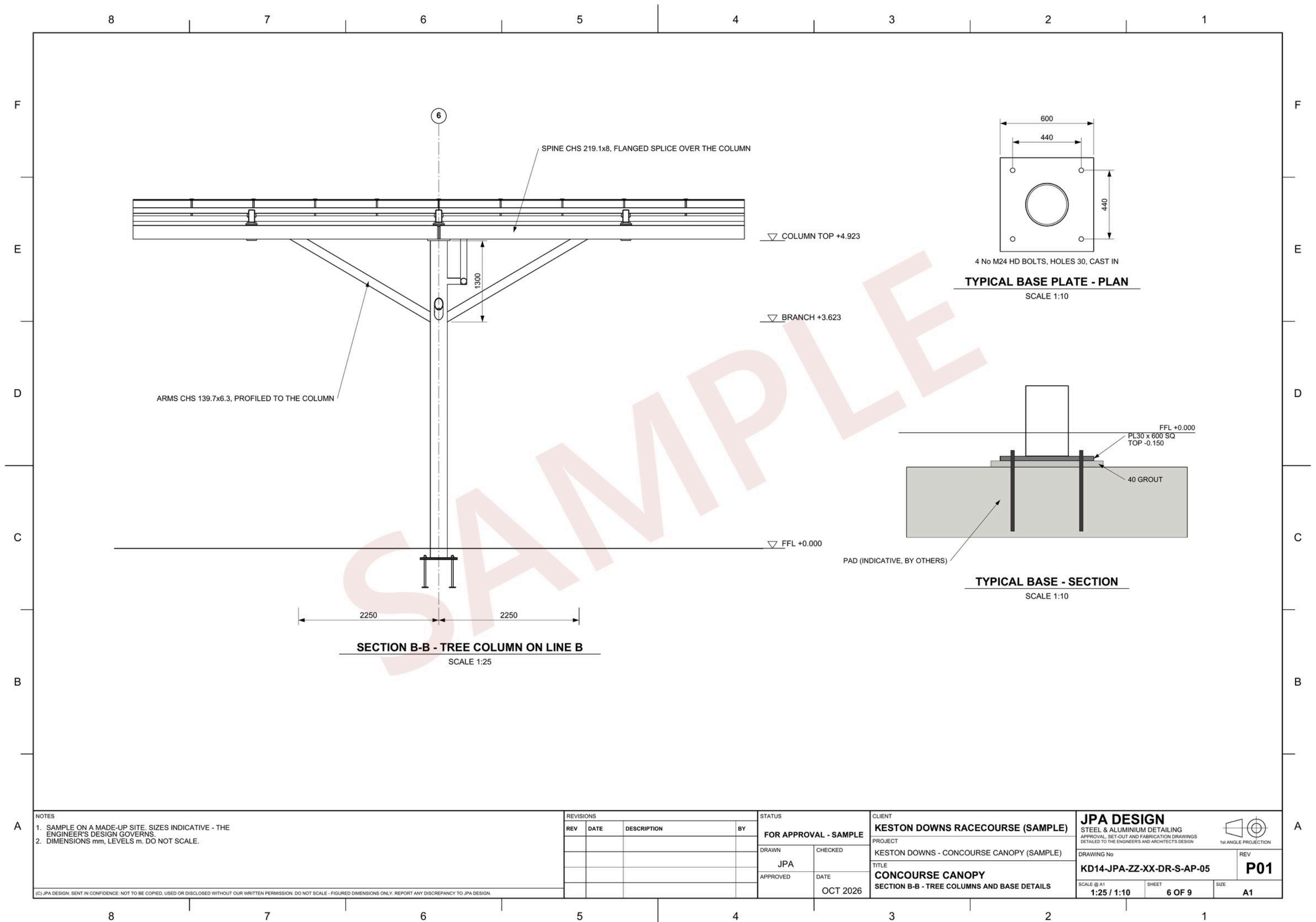
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REVISIONS			
REV	DATE	DESCRIPTION	BY

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

CLIENT	KESTON DOWNS RACECOURSE (SAMPLE)
PROJECT	KESTON DOWNS - CONCOURSE CANOPY (SAMPLE)
TITLE	CONCOURSE CANOPY SECTION A-A - TYPICAL FRAME

JPA DESIGN STEEL & ALUMINIUM DETAILING APPROVAL, SET-OUT AND FABRICATION DRAWINGS DETAILED TO THE ENGINEERS AND ARCHITECTS DESIGN			 1st ANGLE PROJECTION
DRAWING No		REV	
KD14-JPA-ZZ-XX-DR-S-AP-04		P01	
SCALE @ A1	SHEET	SIZE	
1:25	5 OF 9	A1	



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

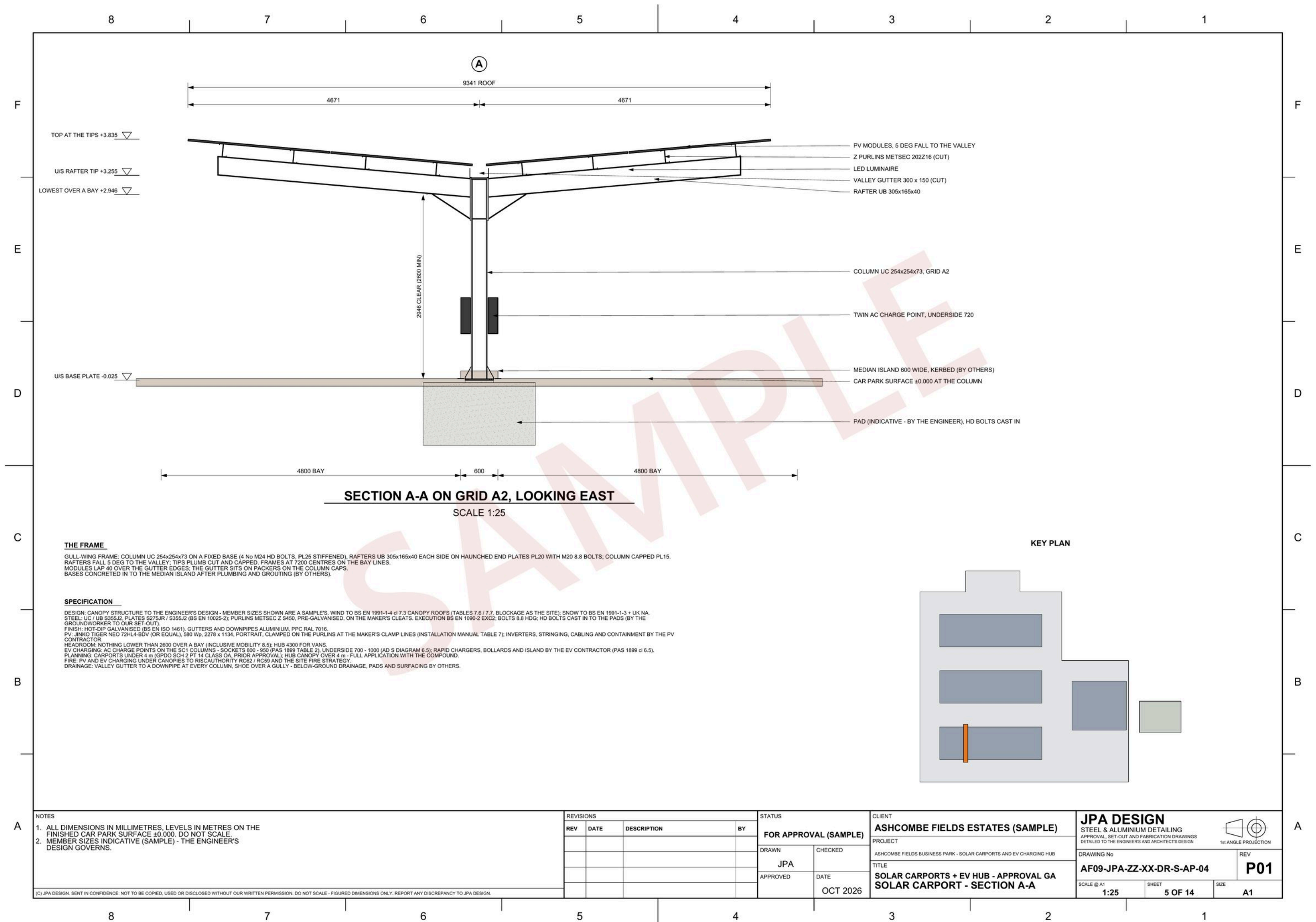
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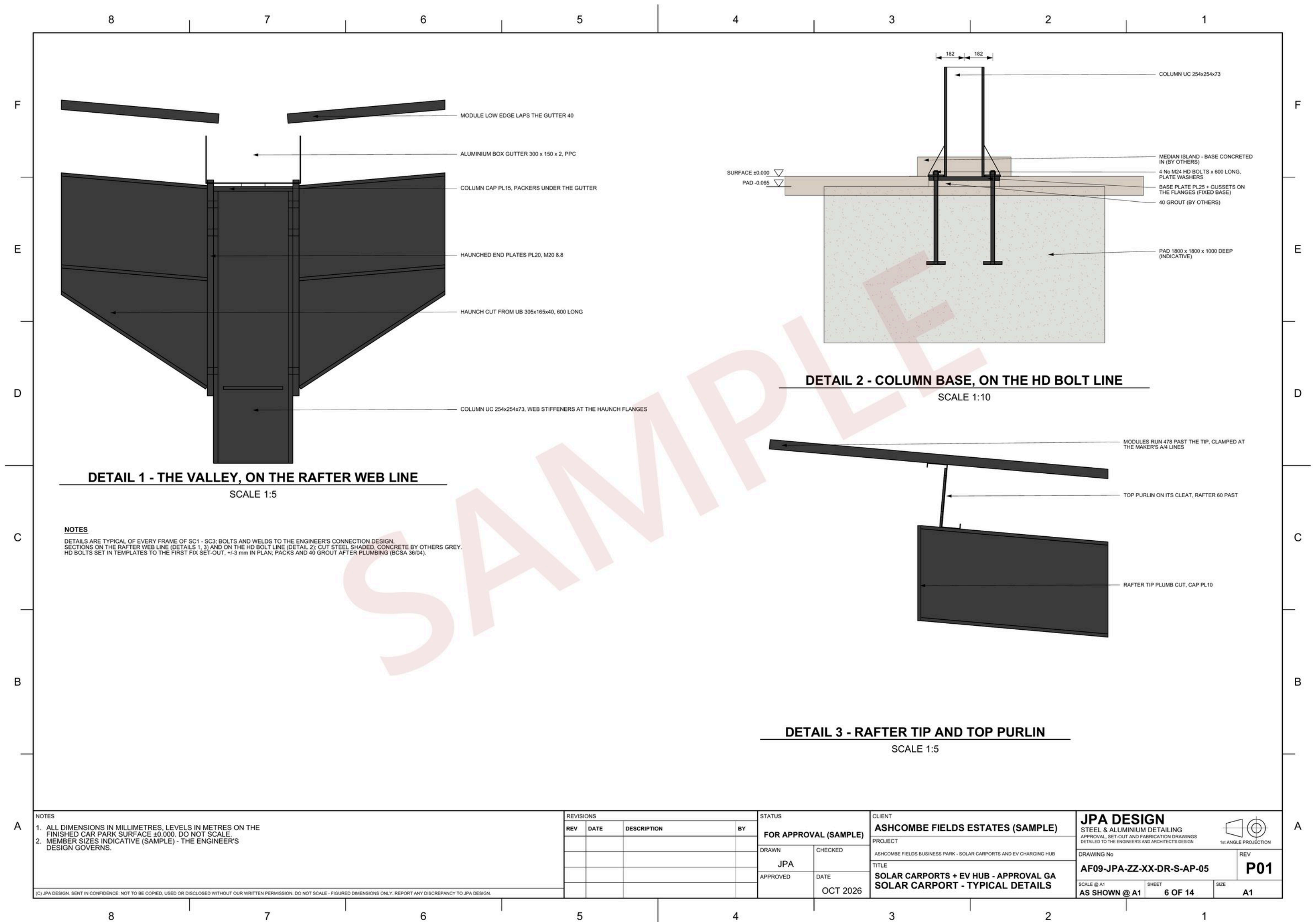
REVISIONS			
REV	DATE	DESCRIPTION	BY

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

CLIENT	KESTON DOWNS RACECOURSE (SAMPLE)
PROJECT	KESTON DOWNS - CONCOURSE CANOPY (SAMPLE)
TITLE	CONCOURSE CANOPY
SECTION B-B - TREE COLUMNS AND BASE DETAILS	

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
KD14-JPA-ZZ-XX-DR-S-AP-05			REV P01
SCALE @ A1 1:25 / 1:10	SHEET 6 OF 9	SIZE A1	





MODULE LOW EDGE LAPS THE GUTTER 40

ALUMINIUM BOX GUTTER 300 x 150 x 2, PPC

COLUMN CAP PL15, PACKERS UNDER THE GUTTER

HAUNCHED END PLATES PL20, M20 8.8

HAUNCH CUT FROM UB 305x165x40, 600 LONG

COLUMN UC 254x254x73, WEB STIFFENERS AT THE HAUNCH FLANGES

DETAIL 1 - THE VALLEY, ON THE RAFTER WEB LINE

SCALE 1:5

NOTES

DETAILS ARE TYPICAL OF EVERY FRAME OF SC1 - SC3; BOLTS AND WELDS TO THE ENGINEER'S CONNECTION DESIGN. SECTIONS ON THE RAFTER WEB LINE (DETAILS 1, 3) AND ON THE HD BOLT LINE (DETAIL 2); CUT STEEL SHADED, CONCRETE BY OTHERS GREY. HD BOLTS SET IN TEMPLATES TO THE FIRST FIX SET-OUT, +/-3 mm IN PLAN; PACKS AND 40 GROUT AFTER PLUMBING (BCSA 36/04).

182 182

COLUMN UC 254x254x73

MEDIAN ISLAND - BASE CONCRETED IN (BY OTHERS)

4 No M24 HD BOLTS x 600 LONG, PLATE WASHERS

BASE PLATE PL25 + GUSSETS ON THE FLANGES (FIXED BASE)

40 GROUT (BY OTHERS)

PAD 1800 x 1800 x 1000 DEEP (INDICATIVE)

SURFACE ±0.000

PAD -0.065

DETAIL 2 - COLUMN BASE, ON THE HD BOLT LINE

SCALE 1:10

MODULES RUN 478 PAST THE TIP, CLAMPED AT THE MAKER'S A/4 LINES

TOP PURLIN ON ITS CLEAT, RAFTER 60 PAST

RAFTER TIP PLUMB CUT, CAP PL10

DETAIL 3 - RAFTER TIP AND TOP PURLIN

SCALE 1:5

NOTES

1. ALL DIMENSIONS IN MILLIMETRES. LEVELS IN METRES ON THE FINISHED CAR PARK SURFACE ±0.000. DO NOT SCALE.

2. MEMBER SIZES INDICATIVE (SAMPLE) - THE ENGINEER'S DESIGN GOVERNS.

REVISIONS			
REV	DATE	DESCRIPTION	BY

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

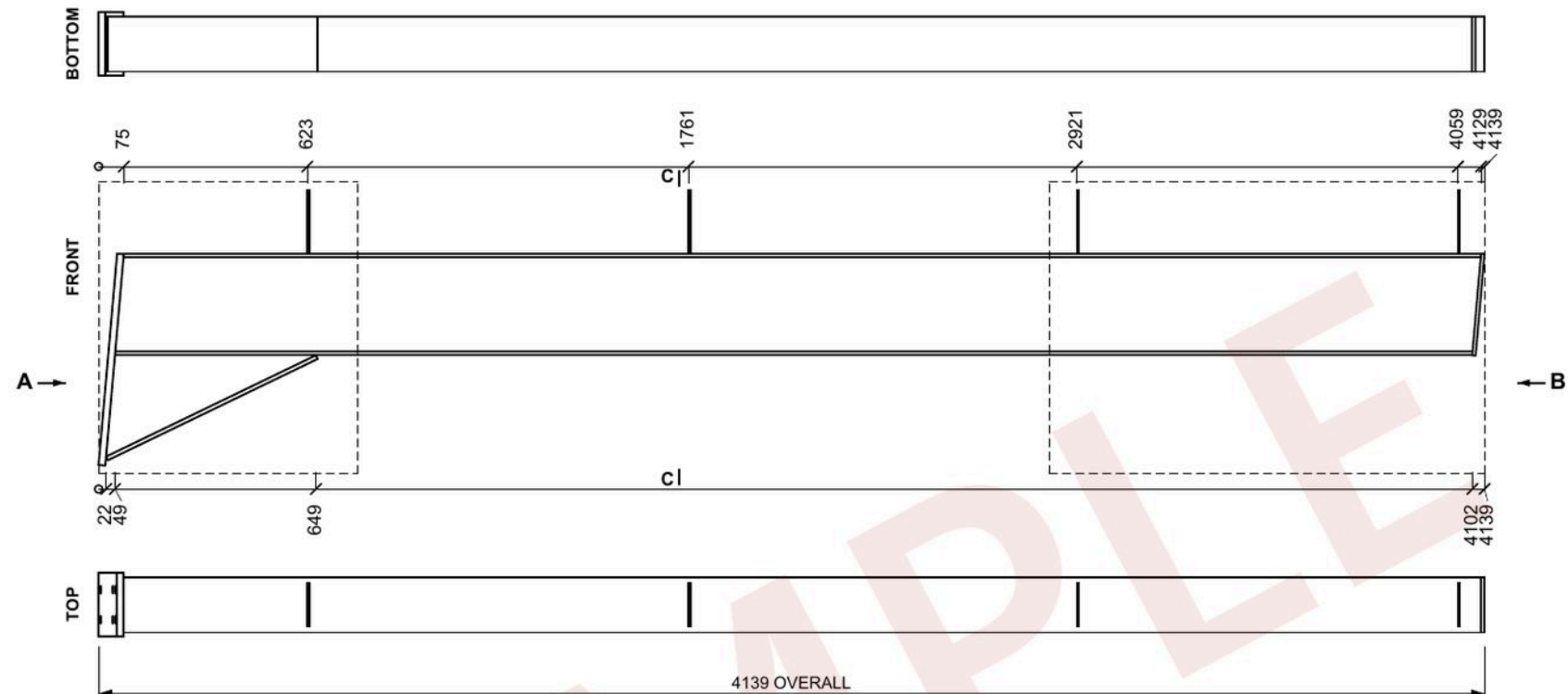
CLIENT	ASHCOMBE FIELDS ESTATES (SAMPLE)
PROJECT	ASHCOMBE FIELDS BUSINESS PARK - SOLAR CARPORTS AND EV CHARGING HUB
TITLE	SOLAR CARPORTS + EV HUB - APPROVAL GA SOLAR CARPORT - TYPICAL DETAILS

JPA DESIGN STEEL & ALUMINIUM DETAILING APPROVAL, SET-OUT AND FABRICATION DRAWINGS DETAILED TO THE ENGINEERS AND ARCHITECTS DESIGN		1st ANGLE PROJECTION	
DRAWING No	REV	P01	
AF09-JPA-ZZ-XX-DR-S-AP-05			
SCALE @ A1 AS SHOWN @ A1	SHEET 6 OF 14	SIZE A1	

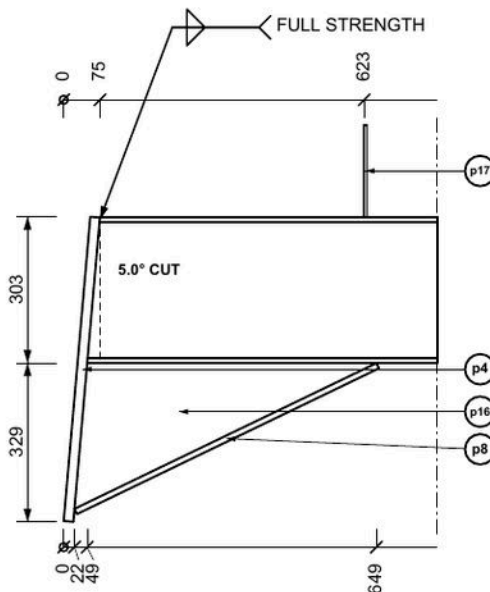
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ASHCOMBE FIELDS - RAFTER R1-305x165x40UB - SHEET 1 OF 2

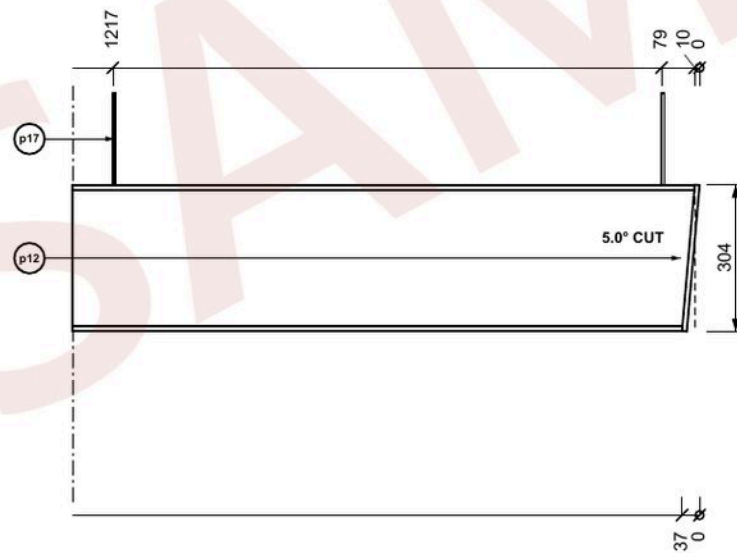
FABRICATION - 15 No AS DRAWN - SAMPLE - NOT FOR FABRICATION



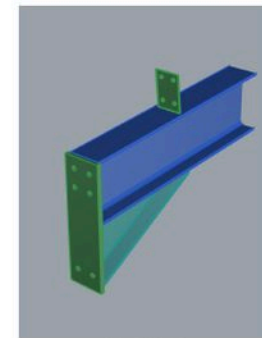
1:20. RUNNING DIMENSIONS FROM THE DATUM O (END A): FITTINGS TO THEIR EDGES (THIN PLATES: THE FACE NEAREST O), HOLES TO THEIR CENTRES, CUTS TO THEIR TIPS.
TOP FACE ABOVE THE FRONT VIEW, BOTTOM FACE AND WEB BELOW IT. END VIEWS AND SECTIONS: SHEET 2.
ORIENTATION: END A = LOW END, END B = HIGH END. TOP OF THE FRONT VIEW = THE PURLIN CLEAT SIDE.



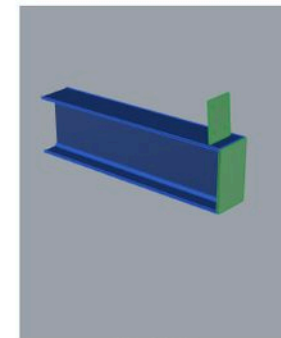
DETAIL 1 - END A
1:15 - SET OUT FROM END A



DETAIL 2 - END B
1:15 - SET OUT FROM END B



3D - END A



3D - END B

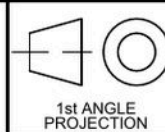
PARTS (PER ASSEMBLY)

PART	DESCRIPTION	No	LENGTH	kg EACH	kg
R1 (MAIN)	UB 305x165x40 S355J2 - END CUTS 5.0° / 5.0°	1	4080	163.3	163.3
p4	PL20 x 190 x 633 S275JR END PLATE	1	633	18.5	18.5
p8	PL12 x 165 x 696 S275JR HAUNCH	1	696	10.8	10.8
p12	PL10 x 165 x 305 S275JR CAP	1	305	3.9	3.9
p16	PL6 x 302 x 626 S275JR HAUNCH	1	626	4.3	4.3
p17	PL6 x 130 x 190 S275JR PURLIN CLEAT	4	190	1.1	4.5

15 No REQUIRED AS DRAWN MARKED R1

MASS EACH 205 kg (EXCL. BOLTS AND WELDS). FINISH: HOT-DIP GALVANISED (BS EN ISO 1461)

- NOTES**
- DIMENSIONS mm. DO NOT SCALE. RUNNING DIMENSIONS ALONG THE MAIN PART FROM ITS DATUM END (O). SIZES INDICATIVE - THE ENGINEER'S DESIGN GOVERNS.
 - MAIN PART UB 305x165x40 S355J2; PLATES S275JR U.N.O. EXECUTION CLASS EXC2 TO BS EN 1090-2.
 - ALL WELDS z6 CONTINUOUS FILLET, SHOP, U.N.O. OTHER WELDS AS SYMBOLISED (BS EN ISO 2553).
 - HOLES IN THE MAIN PART DIA - DRILLED OR PUNCHED, DEBURRED. PLATE HOLES: PLATE DRAWINGS.
 - PART MARKS p.. AS THE PLATE DRAWINGS; MARK THE ASSEMBLY MARK ON THE WEB AT THE DATUM END.



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	

FABRICATOR'S WPS	
WPS NO	
WPS DATE	
WPS REV	

JPA DESIGN	
STEEL & ALUMINIUM DETAILING	
FABRICATION DRAWINGS	
DETAILED TO THE ENGINEER'S AND	
ARCHITECT'S DESIGN	
DRAWN	JPA
CHECKED	
DATE	OCT 2026
SCALE @ A3	1:20 / AS SHOWN

DESCRIPTION	
ASHCOMBE FIELDS - RAFTER R1-305x165x40UB - SHEET 1 OF 2	
CONTRACT	
ASHCOMBE FIELDS BUSINESS PARK (SAMPLE)	
PROJECT No	AF09
DRAWING No	AF09-JPA-ZZ-XX-DR-S-FA-R1-1
ISSUE	P01