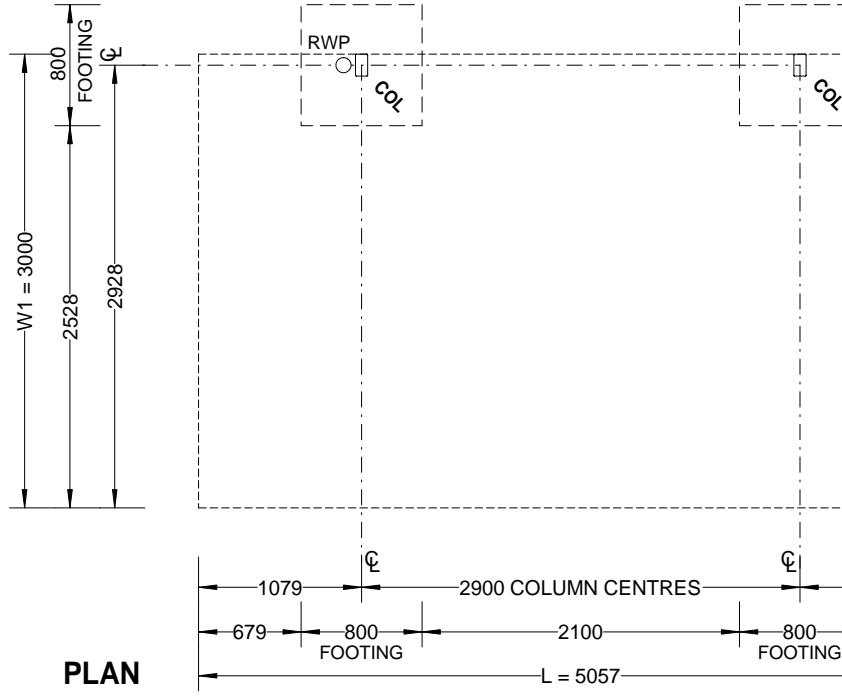
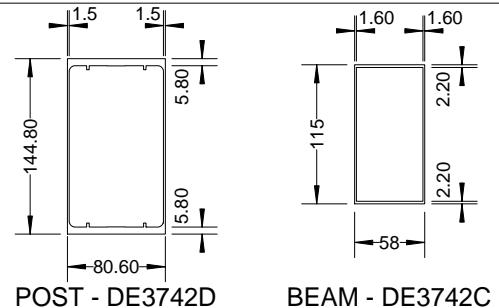
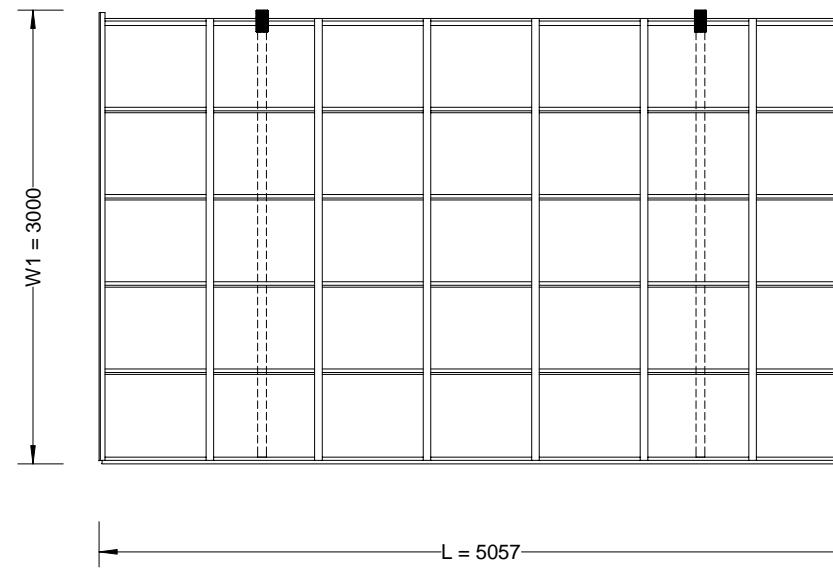
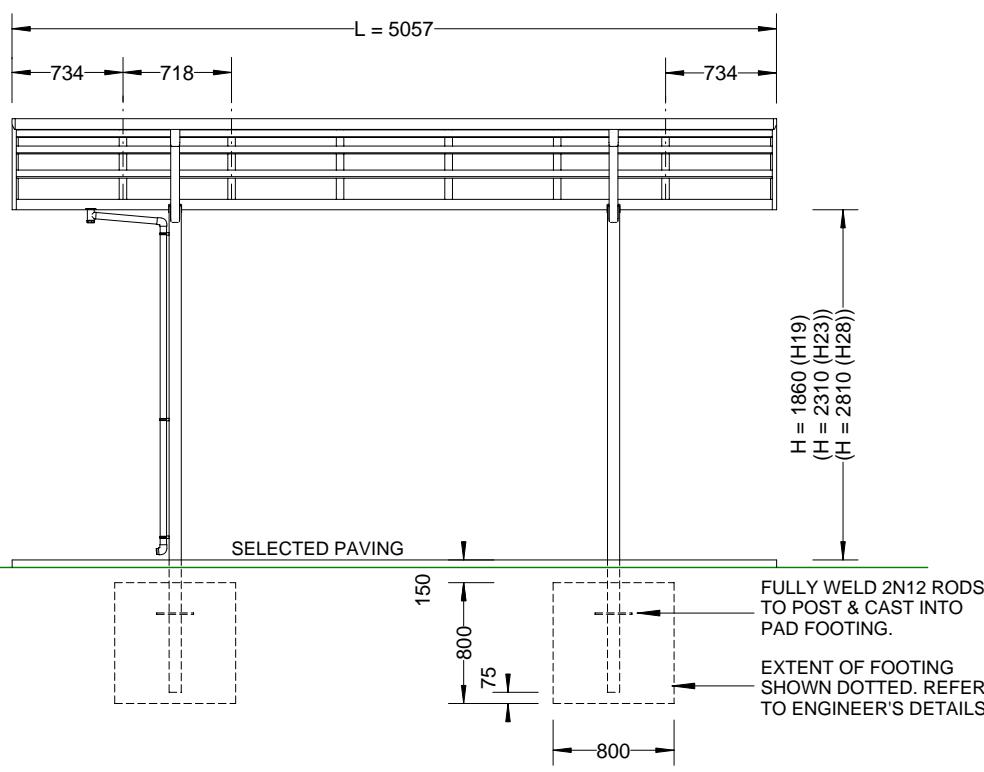
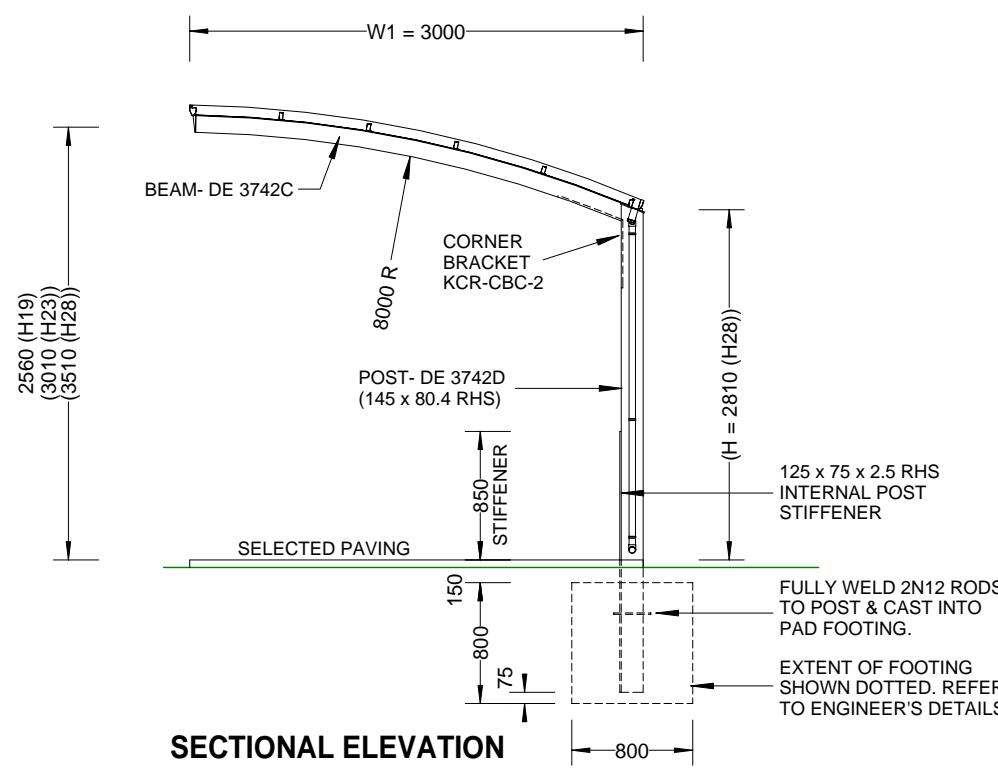


CANTAPORT THE SCIENCE OF CANTILEVERING



SIDE ELEVATION



DESIGN CRITERIA

REGION A = A
TERRAIN CATEGORY = 2 AND 3
VsitB = 41 m/s
Pultimate = 0.835 m/s
Pserviceability = 0.68 m/s
ROOF LOAD WIDTH = 2.55m

General Notes :

- Engineering drawings to be read in conjunction with all architectural and other specification drawings.
- Any discrepancies shall be referred to the engineer for confirmation prior to commencing construction.
- For setting out dimensions refer to architectural drawings. No dimensions to be obtained by scaling from drawings.
- All dimensions and levels to be checked on site prior to commencing any work.
- All work to comply with the latest Australian Standards and Building Codes of Australia
- Installation to be installed in accordance with manufacturer's printed assembling manual.

Foundations :

- All soil testing to be carried out by the engineer soil type and conditions.
- Remove all topsoil containing vegetation & deleterious fill material from the building site.

Concrete Notes :

- All concrete shall be in accordance with the concrete structure code AS 3600.
- Blended cement (type GB) shall conform with AS 3972
- Water must not be added to the mix to increase the slump at any time.
- Concrete shall be supplied by an approved pre-mixed company and conform to the following unless noted otherwise : GRADE SLUMP MAX. AGG.

CARPORT TYPE	N20	80mm	30mm	
LENGTH	DEPTH	HEIGHT	FOOTING SIZE	
KCR SINGLE	5057	3000	2310	800 x 800 x 800
KCR SINGLE	5775	3000	2310	800 x 800 x 800
KCR INLINE	6493	3000	2310	800 x 800 x 800
KCR INLINE	7211	3000	2310	800 x 800 x 800
KCR Y CONNECT	5057	6028	2310	1000 x 1000 x 1000
KCR Y CONNECT	5775	6028	2310	1000 x 1000 x 1000
KCR M CONNECT	5057	6022	2310	1000 x 1000 x 1000
KCR M CONNECT	5775	6022	2310	700 x 700 x 700
KCR MINI	2057	2000	2310	700 x 700 x 700
KCR MINI	2903	2000	2310	700 x 700 x 700
KCR MINI	2185	2000	2310	700 x 700 x 700

METAL WORK NOTES :

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH
 - AS/NZS 1866:1977-ALUMINIUM AND ALUMINIUM ALLOYS
 - AS 1400-1998 STEEL STRUCTURES
 - AS/NZS 1665:2004 - WELDING OF ALUMINIUM STRUCTURES
 - AS 1554.1 PT1 - WELDING OF STEEL STRUCTURES

- ALL HOLLOW SECTIONS TO BE FULLY SEALED WITH 2mm PLATES, MINIMUM, U.N.O

- ERECTION OF METAL WORK SHALL BE COMMENCED WITH BRACED BAY AND ERECTOR SHALL PROVIDE ALL TEMPORARY BRACING REQUIRED FOR THE SAFE COMPLETION OF THE WORK.

- ALL BOLTS/SCREWS/WASHERS TYPES AND THEIR TREATMENT OF, IS TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS

CERTIFICATION OF CANTAPORT

KCR-SERIES 5130 H23

THE CANTAPORT IS CERTIFIED FOR REGION A & TERRAIN CATEGORY 2 & 3. THE CANTAPORT IS DESIGNED ONLY WHEN THE POST IS BUILT IN THE FOOTINGS, BUT NOT ON CONCRETE SURFACES. THE CANTAPORT STRUCTURE IS STRUCTURALLY CAPABLE OF SUPPORTING THE DESIGN LOADS IN ACCORDANCE WITH ALL RELEVANT AUSTRALIAN STANDARDS.

SIGNED ENGINEER

ROBERT DAVID
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