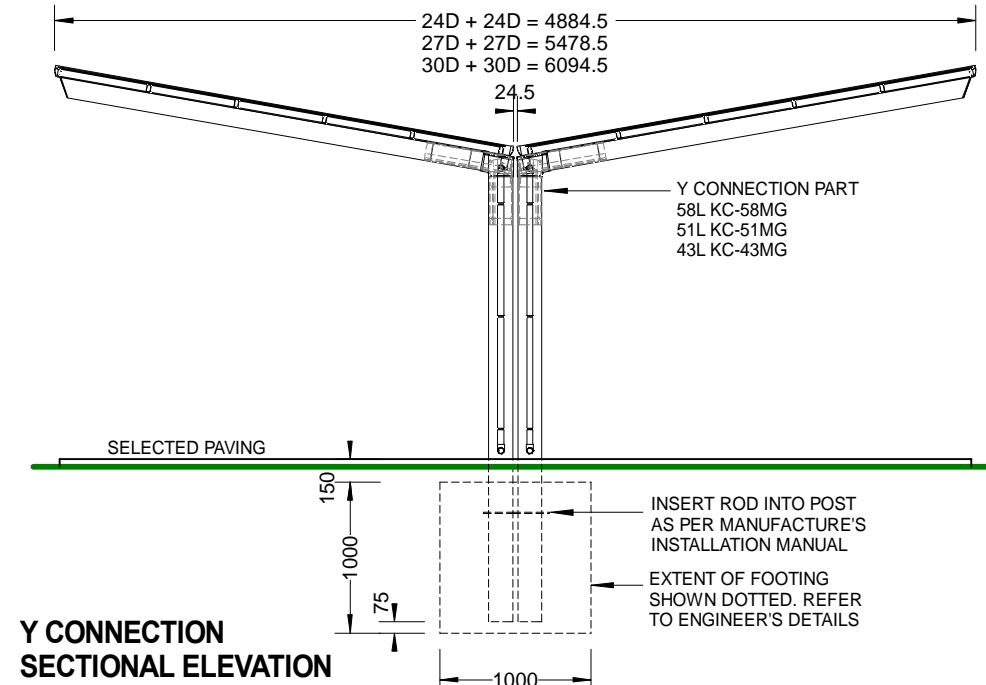
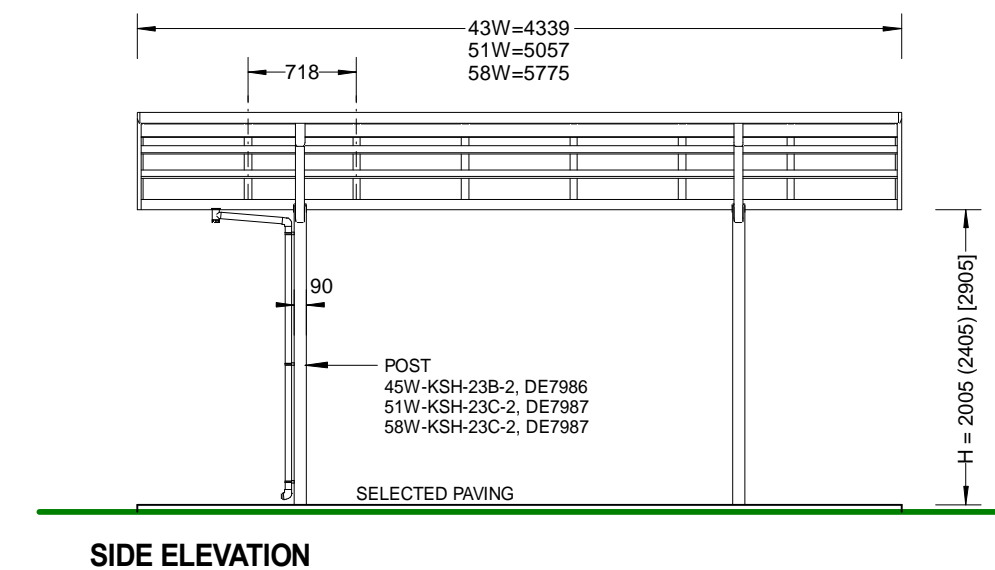


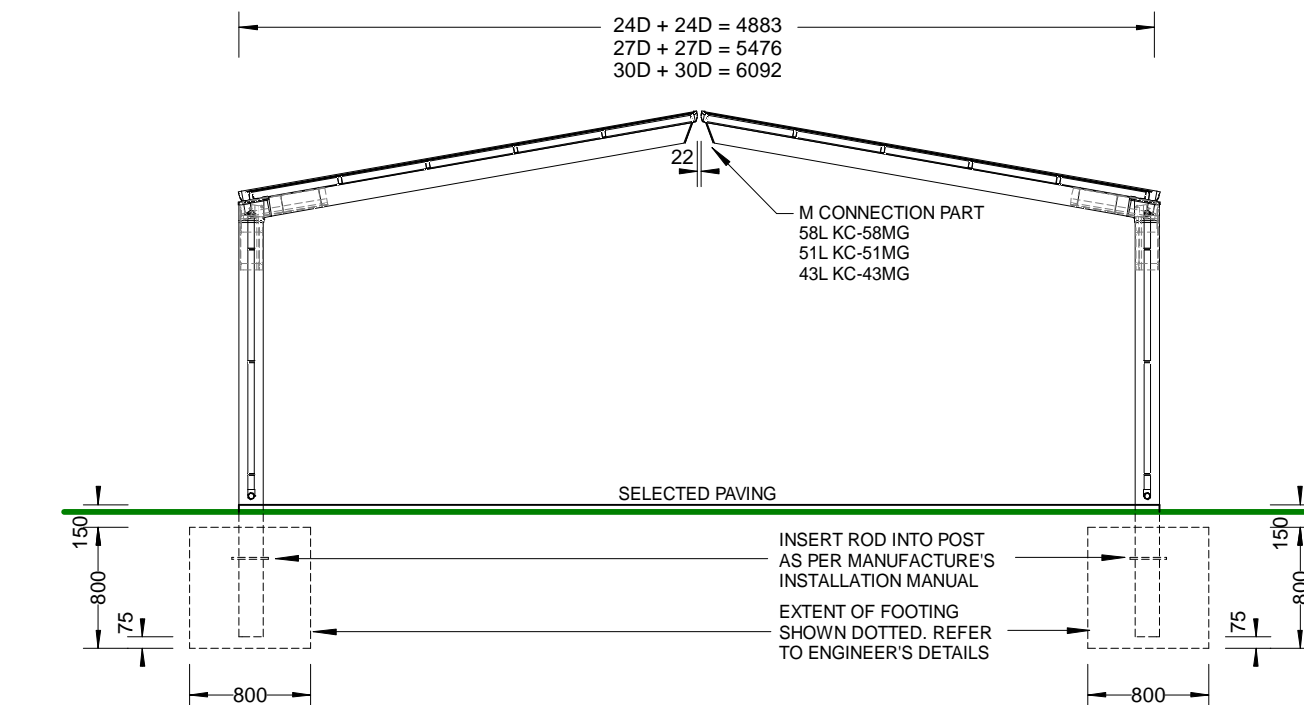
SECTIONAL ELEVATION



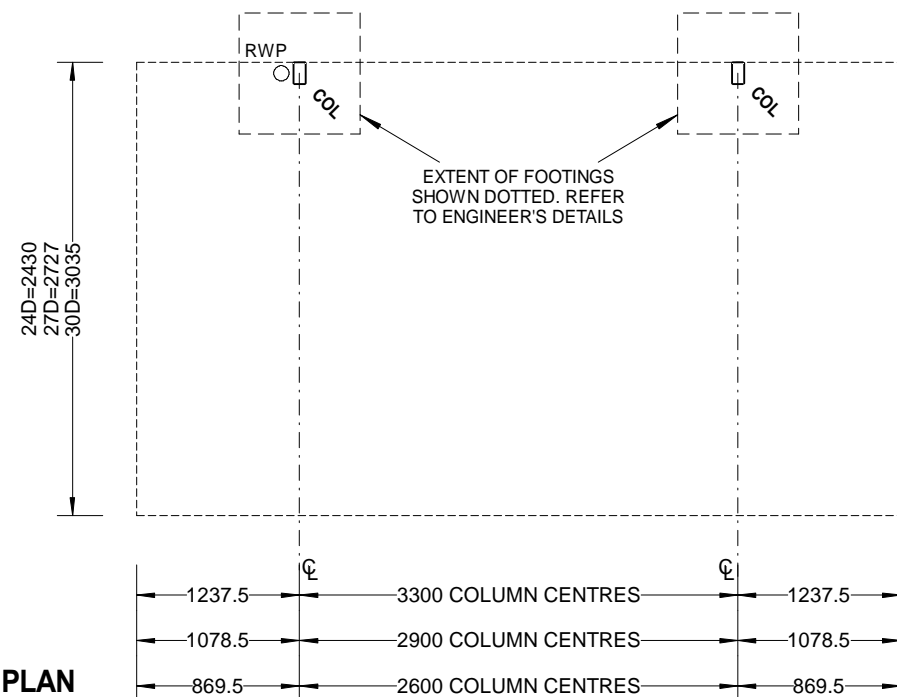
Y CONNECTION SECTIONAL ELEVATION



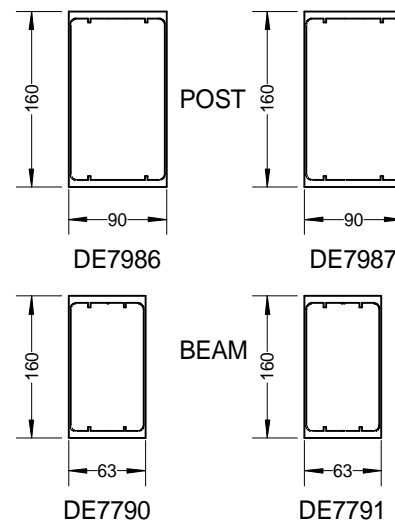
SIDE ELEVATION



R & M CONNECTION SECTIONAL ELEVATION



PLAN



ENGINEER'S DETAILS

DESIGN CRITERIA

REGION A = A
 TERRAIN CATEGORY = 2 AND 3
 V_{sitB} = 41 m/s
 P_{ultimate} = 0.835 m/s
 P_{serviceability} = 0.68 m/s
 ROOF LOAD WIDTH = 2.55m

KS SERIES

General Notes :

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

Foundations :

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

Concrete Notes :

1. All concrete shall be in accordance with the concrete structure code AS 3600.
 2. Blended cement (type GB) shall conform with AS 3972
 3. Water must not be added to the mix to increase the slump at any time.
 4. Concrete shall be supplied by an approved pre-mixed company and conform to the following unless noted otherwise :
- | FOOTINGS | GRADE N20 | SLUMP 80mm | MAX. AGG. 30mm |
|--------------|-----------|------------|----------------|
| CARPORT TYPE | LENGTH | DEPTH | HEIGHT |

CARPORT TYPE	LENGTH	DEPTH	HEIGHT	FOOTING SIZE
KS 4324	4300	2400	2310	800 x 800 x 800
KS 4327	4300	2700	2310	800 x 800 x 800
KS 4330	4300	3000	2310	800 x 800 x 800
KS 5124	5100	2400	2310	800 x 800 x 800
KS 5127	5100	2700	2310	800 x 800 x 800
KS 5130	5100	3000	2310	800 x 800 x 800
KS 5830	5800	3000	2310	800 x 800 x 800

METAL WORK NOTES :

1. 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
2. ALL HOLLOW SECTIONS TO BE FULLY SEALED WITH 2mm PLATES, MINIMUM, U.N.O
3. 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.
4. ALL BOLTS/SCREWS/WASHERS TYPES AND THEIR TREATMENT OF, IS TO COMPLY WITH ALL RELEVANT AUSTRALIAN STANDARDS

CERTIFICATION OF CANTAPORT KS - SERIES

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.

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