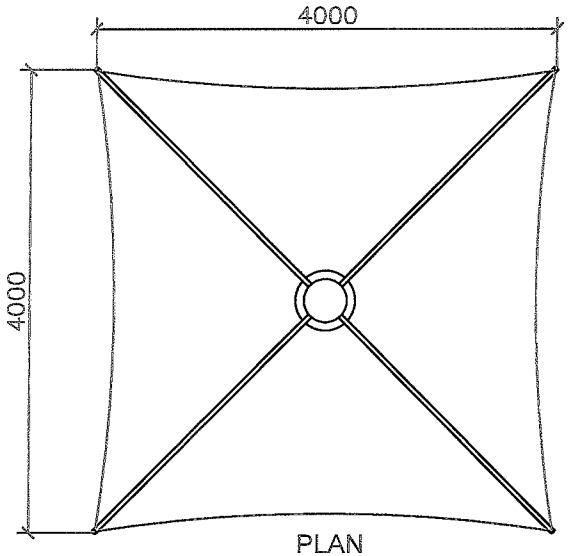
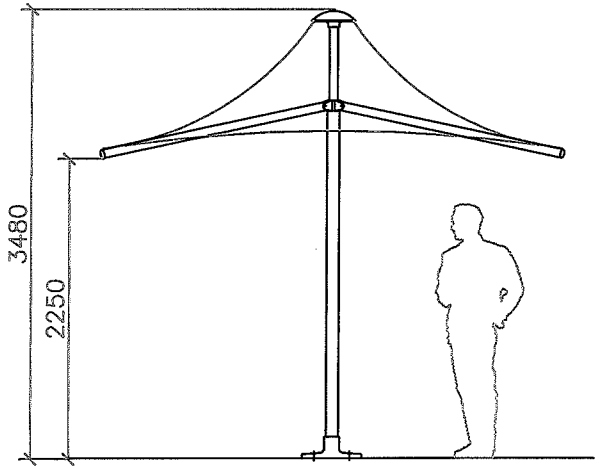
Figured dimensions take precedence – DO NOT SCALE.

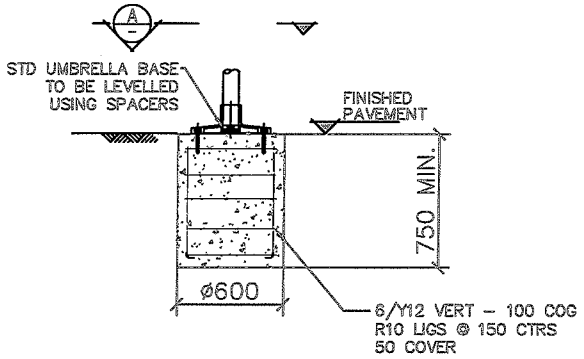
WIND RATED TO W33



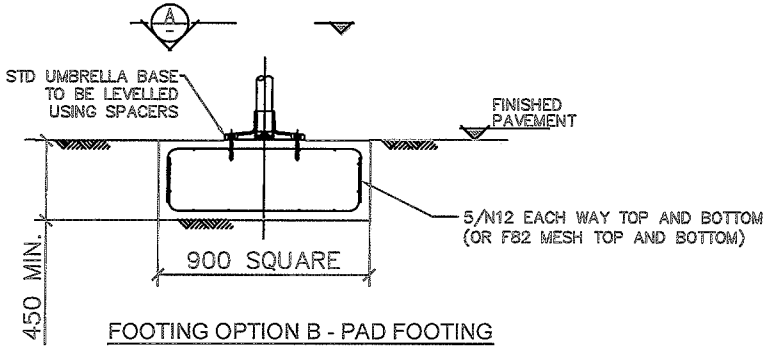
PLAN



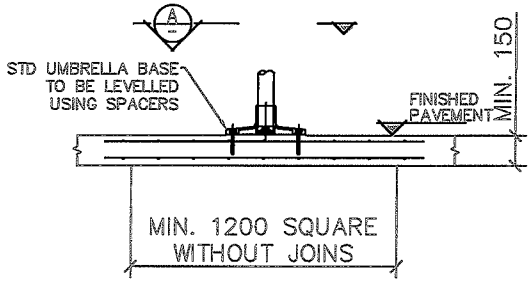
ELEVATION



FOOTING OPTION A - BORED PIER



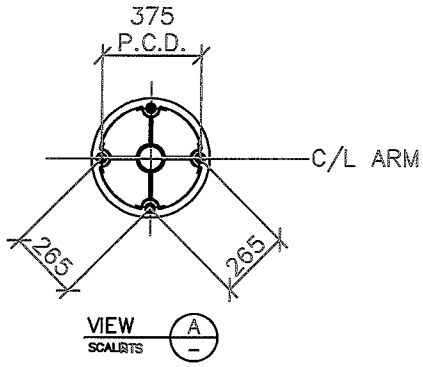
FOOTING OPTION B - PAD FOOTING



FOOTING OPTION C - EXISTING SLAB

NOTES

1: THIS FOOTING DETAIL IS SUITABLE FOR FOUNDING IN NATURAL UNDISTURBED MATERIAL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 100kPa.
2: IF FOOTING IS IN FILL MATERIAL PLEASE REFER TO SKYSPAN UMBRELLA FOR SITE SPECIFIC FOOTING DESIGN.
3: THIS FIXING DETAIL IS NOT APPLICABLE FOR CANTILEVER UMBRELLAS.
4: ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH AS3600.
5: EXCAVATIONS TO BE CLEAN AND FREE FROM LOOSE MATERIAL.
6. CONCRETE f'c = 25MPa.
7. MAXIMUM AGGREGATE SIZE TO BE 20mm.
8. CONCRETE SHOULD BE VIBRATED AFTER POURING, AND KEPT DAMP FOR AT LEAST 7 DAYS TO ASSIST CURING.



TYPICAL H.D. BOLT DETAILS

4/M12 Gr4.6 GALV. H.D. BOLTS 110 MIN EMBEDMENT 100 MIN EDGE DISTANCE USE RAMSET 101 RESIN OR EQUIV.

OR

POWERS EXCALIBUR SCREWBOLT – MIN 90 EMBEDMENT 100 MIN EDGE DISTANCE

OR

THREADED INSERT ANCHORS WITH M12 SOCKET HEAD CAP SCREWS
BOLT HEAD TO BE FLUSH WITH SLAB WHEN UMBRELLA REMOVED

ALL FIXINGS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS

1/4 Old Pacific Hwy, Yatala, Queensland 4207, Australia
+61 (0) 7 3804 6288 Fax: +61 (0) 7 3287 3999
Email: info@skyspanshade.com.au
www.skyspanshade.com.au

B	SLAB DETAILS AMMENDED	GM	26.11.14
A	FOR CONSTRUCTION	EK	25.02.14

REVISIONS

Project Name: 4.0m SQUARE HORIZON UMBRELLA

Title: GENERAL ARRANGEMENT WITH FOOTING DETAILS

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Date: FEB 14 | Drawn: EK | Checked: GM | Scale @ A3: NTS

Drawing No.: H40S–1001

Revision: B