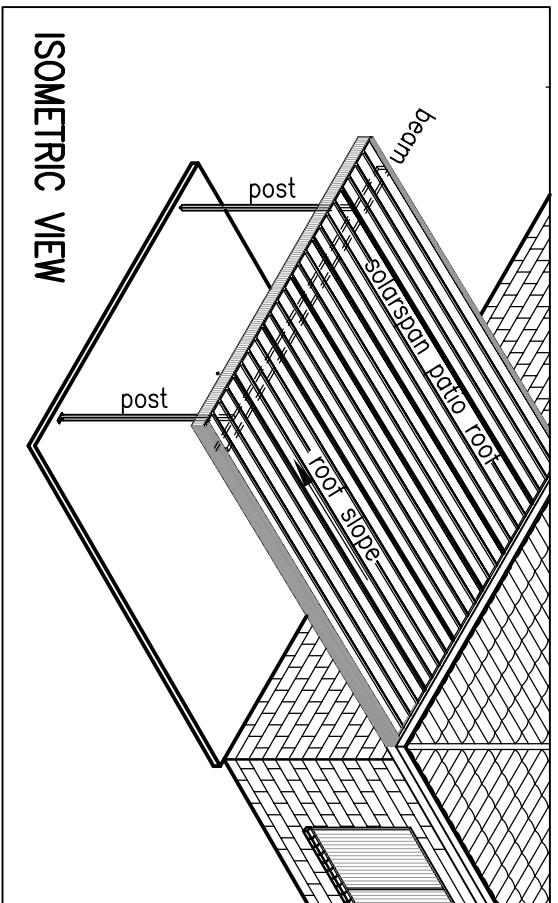


STEP 1 – PANEL SELECTION

SOLARSPAN® PATIO SYSTEM



SUMMARY OF PATIO INFORMATION SELECTED

1. WIND CONDITION AT SITE (N2, etc)	.....
2. SOLARSPAN PANEL THICKNESS	.....mm
3. SOLARSPAN MAX ROOF SPAN	.....mm
4. SOLARSPAN OVERHANG PAST BEAM	.....mm
5. MAX LOAD (UPLIFT) ON BEAM	.....kN/m
6. BEAM TYPE SELECTED FROM TABLE	.....
7. MAX SPACING BETWEEN POSTS	.....mm
8. MAX UPLIFT ON POST	.....kN/m
9. POST FOOTING TYPE SELECTED	.....
10. SITE ADDRESS	.....

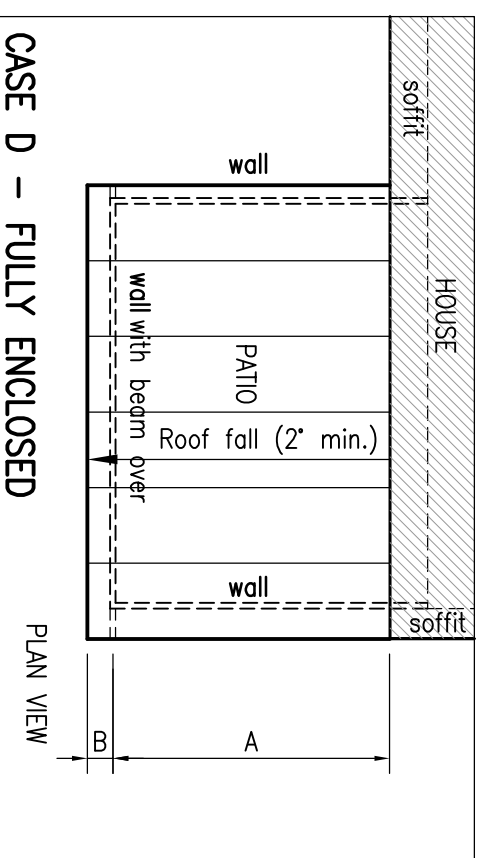
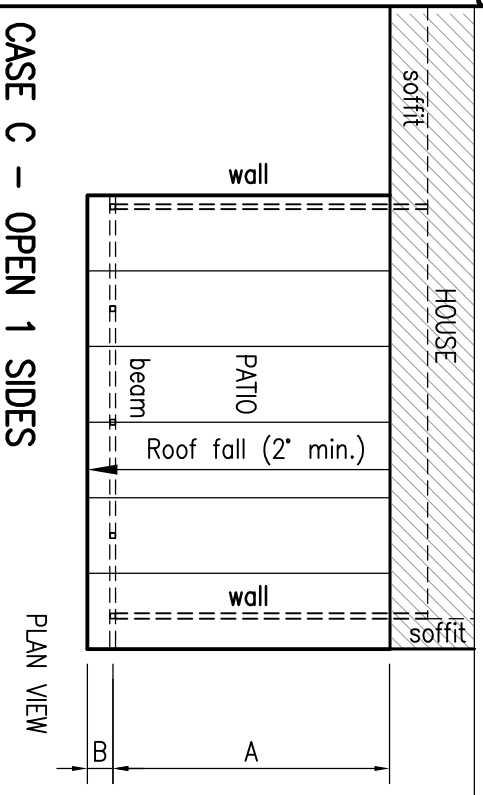
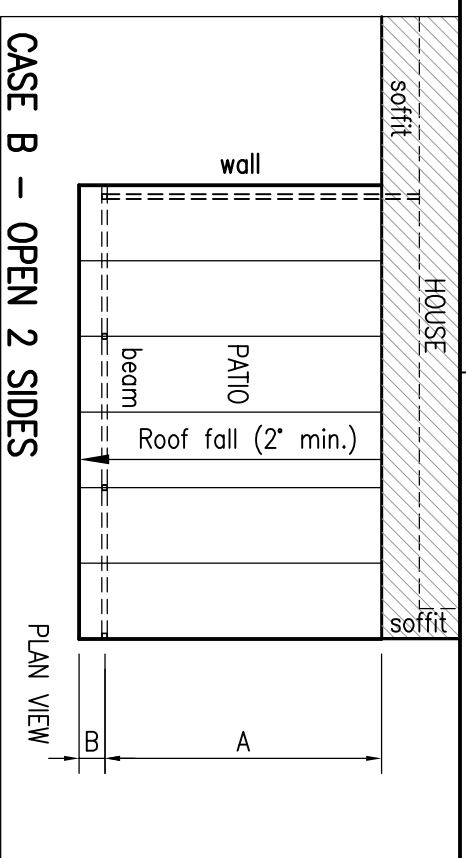
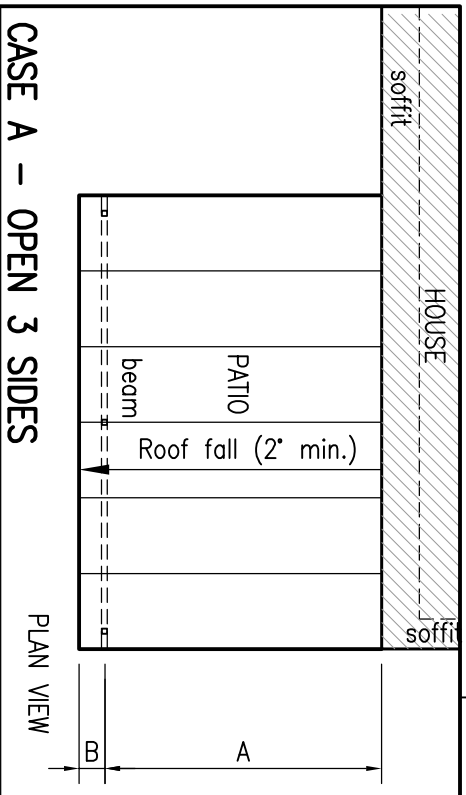
1.1) PANEL SELECTION

SELECT THE SOLARSPAN PANEL THICKNESS FROM THE SOLARSPAN SPAN TABLE BELOW FOR THE WIND CONDITION AT THE SITE (REFER BUILDING INSPECTOR IF REQUIRED) AND THE NUMBER OF SIDES ENCLOSED UNDER THE ROOF (CASE A TO D).

Wind Category	Panel Thickness	A				B
		Case A	Case B	Case C	Case D	Max. Overhang
N1/N2 (W33N)	50	5100	4500	4100	3900	900
	75	6400	5400	4900	4700	900
	100	7800	6200	5700	5500	900
N3 (W41N)	50	4900	3600	3300	3100	600
	75	5900	4300	3900	3700	600
	100	6900	5000	4500	4400	600
N4 (W50N)	50	4000	2900	2700	2600	600
	75	4800	3500	3100	2900	600
	100	5600	4100	3700	3600	600
C1 (W41C)	50	4900	3600	3300	2600	600
	75	5900	4600	3900	3100	600
	100	6900	5000	4500	3700	600
C2 (W50C)	50	4000	2900	2700	2000	600
	75	4800	3500	3100	2000	600
	100	5600	4100	3700	2700	600
C3 (W60C)	50	3300	2400	2000	N/A	450
	75	4000	2500	2100	N/A	450
	100	4600	3300	2800	1900	450
						2000
						450

Note: Applies to Solarspan Patio Covers attached to Highset and Lowset houses only

PATIO ROOF ENCLOSURE CASES



- NOTE
1. A SIDE WALL IS CLASSIFIED AS "CLOSED IN" IF 70% OF THE CROSS SECTION AREA IS COVERED
  2. DIMENSION A = SOLARSPAN PANEL SPAN ( Refer table step (1.1) on this page )
  3. DIMENSION B = SOLARSPAN PANEL OVERHANG ( Refer table step (1.1) on this page )

ENGINEER CERTIFICATION

Patio Roofs constructed in accordance with these drawings, are certified to be adequate in accordance with AS1170.2-2002.

Alex Milanovic & Associates  
Consulting Engineers  
RPECO 192

Crown Court  
5/63 Annerley Road  
Woolloongabba Qld 4102  
Phone: (07) 3255 1877  
Fax: (07) 3255 1878

Signed: *Alex Milanovic*  
Alex Milanovic

Drawings:  
SOLSP-P01/2  
SOLSP-P02/2  
SOLSP-P03/2  
SOLSP-P04/2  
SOLSP-P05/2

Note: This Certification applies to Bondor Solarspan® only



Metero Pty Limited trading as Bondor  
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Revision	Date	Description	By	Check	M.P.	Date
2	14.07.2011	RHS SPAN TABLES ADDED - REFER SOLSP-P02	AJF			
1	22.06.2011	SPAN TABLES UPDATED	AJF			
D	18.02.11	90 THICKNESS REVISED TO 100mm. 125 & 150 added.	AJF			
C	27.08.04	ADDRESS UPDATE (Alex)	M.P.			
B	28.08.03	1.1) SPAN TABLE CORRECTIONS	M.P.	R.P.		
A	20.08.03	ORIGINAL	M.P.	R.P.		

Title	M.P.	Date
Drawn by	M.P.	Date
Checked by	SC	Date
Approved by	D.S.	Date
Scale	1 : 5	

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Project	SOLARSPAN PATIO ROOF DETAILS
Client	BONDOR
Dwg No	SOLSP-P01
Revision	2

SHEET 1 of 4

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