

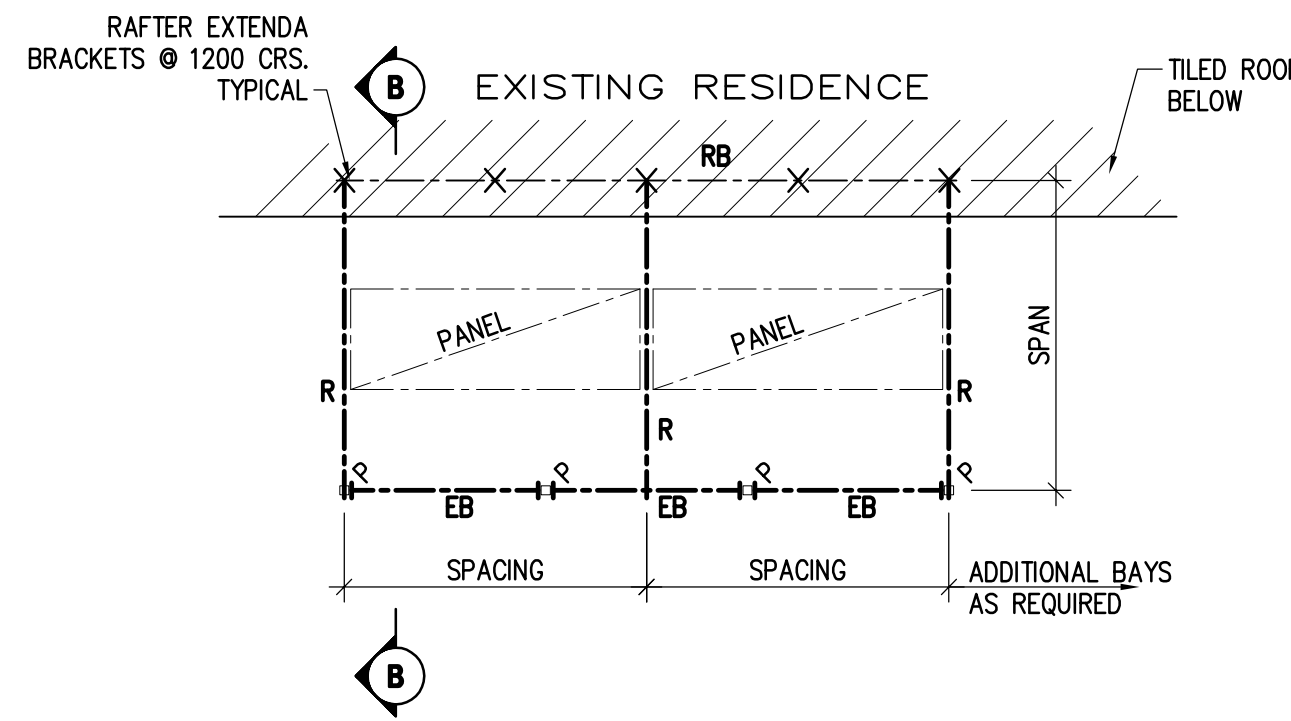
PLAN - AWNING FRAMING BRICK WALL

SCALE 1:100

- R : COBERTECNIC RAFTER (3 AND 4 GROOVE)
- WP : WALL PLATE (COBERTECNIC SYSTEM)
- EB : 150x50x3.0 ALUMINIUM END SUPPORT MEMBER
- P : 100x100x3 SQUARE ALUMINIUM POST

PANEL: 16mm POLYCARBONATE SHEETING SUPPORTED BY COBERTECNIC PANEL SURROUND TO MANUFACTURERS SPECIFICATIONS

NOTE : ALUMINIUM MEMBERS TO BE ALLOY 6063-T6 OR BETTER

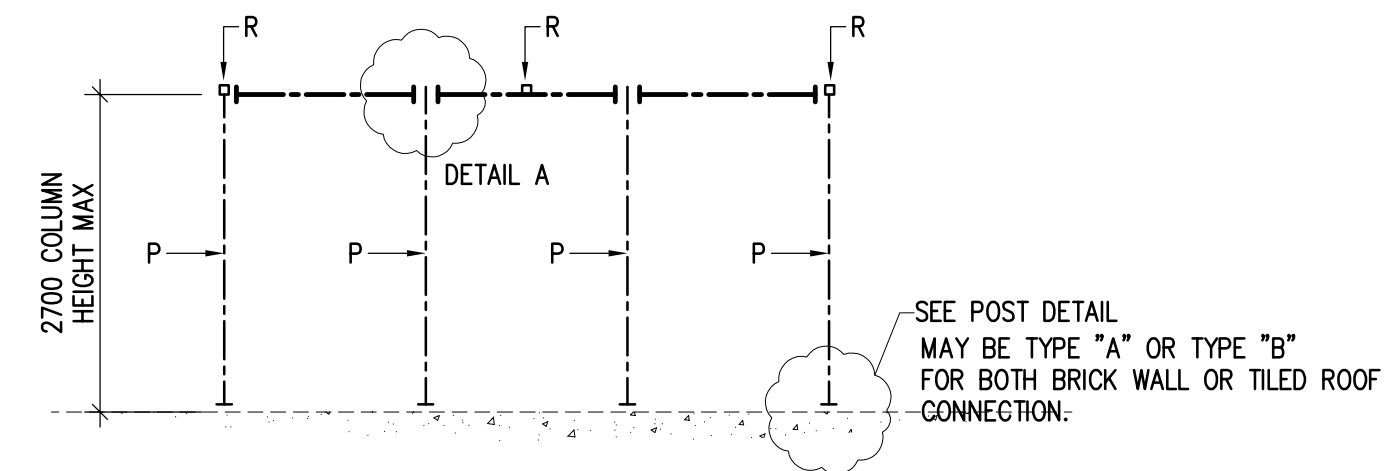


PLAN - AWNING FRAMING TILED ROOF

- R : COBERTECNIC RAFTER (3 AND 4 GROOVE)
- EB : 150x50x3.0 ALUMINIUM END SUPPORT MEMBER
- P : 100x100x3 SQUARE ALUMINIUM POST
- RB : 290x45 F5 TREATED TIMBER ROOF BEAM TO SUIT COBERTECNIC WALL PLATE, PAINT PROTECT TIMBER BEAM AS REQUIRED

PANEL: 16mm POLYCARBONATE SHEETING SUPPORTED BY COBERTECNIC PANEL SURROUND TO MANUFACTURERS SPECIFICATIONS

NOTE: ALUMINIUM MEMBERS TO BE ALLOY 6063-T6 OR BETTER



ELEVATION - SUPPORT POSTS (PROJECTION ONLY)

P : 100x100x3 SQUARE ALUMINIUM POST

NOTES:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE WORKING DRAWING, SPECIFICATION AND COBERTECNIC T5000 FITTING INSTRUCTIONS.
2. WORKMANSHIP AND MATERIALS TO COMPLY WITH A.S.3600 AND ASSOCIATED AUSTRALIAN STANDARDS.
3. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH IN ACCORDANCE WITH A.S.3600 TO BE 20MPa. (PAD FOOTINGS)
4. CONCRETE SLUMP TO BE 80mm.
5. GRADE FINISHED GROUND SURFACE TO DIVERT WATER AWAY FROM FOOTING ON ALL SIDES AND TO PREVENT PONDING.
6. ALUMINIUM FRAMING TO BE IN ACCORDANCE WITH AS/NZS 1664 ALUMINIUM STRUCTURES
7. THIS ATTACHED AWNING HAS BEEN DESIGNED TAKING INTO ACCOUNT WIND FORCES IN ACCORDANCE WITH AS/NZS 1170.2 2002 STRUCTURAL DESIGN ACTIONS: WIND ACTIONS FOR REGION A, TERRAIN CATEGORY 3, $V_{ref} = 45m/s$ AND AWNING HEIGHT NOT EXCEEDING 3.5m AND AWNING FRAMING DESIGNED AS NON-TRAFFICABLE.
8. THE CONSIDERATION OF GALVANIC CORROSION BETWEEN DISSIMILAR COMPONENTS TO BE ASSESSED BY OTHERS
9. USE OF GALVANISED OR STAINLESS STEEL FIXINGS TO BE DETERMINED BY BUILDER TO SUIT SPECIFIC SITE CONDITIONS
10. PAD FOOTINGS DESIGNED TAKING INTO ACCOUNT CLASS "M" (MODERATELY REACTIVE) SOIL CONDITIONS AND AS2870
11. UNLESS OTHERWISE NOTED WELDS TO BE CONTINUOUS FILLETS OF SIZE EQUAL TO THE THICKNESS OF THE THINNER MATERIAL JOINED OR 6mm OR WHICHEVER IS THE LESSER.
12. PARTICULAR CARE TO BE TAKEN WITH THE FINISHED APPEARANCE OF EXPOSED WELDS, BOTH THOSE CARRIED OUT IN THE FACTORY AND THOSE PERFORMED ON SITE. THESE ARE TO BE FINISHED TO GIVE A TRADESMANLIKE AND REGULAR APPEARANCE AND ARE TO BE TO THE OWNERS SATISFACTION.

SPAN TABLES

RAFTER

4 GROOVE		3 GROOVE	
SPACING (m)	SPAN (m)	SPACING (m)	SPAN (m)
1.5	6.3	1.5	4.9
2.0	5.5	2.0	4.3
2.5	4.8*1	2.5	3.9*1
3.0	3.0	3.0	2.4*1

*¹ RAFTER SPAN LIMITED BY PANEL WIDTH

NOTE:

THE ASSUMED MAXIMUM NUMBER OF PANELS FOR THE " 4 GROOVE " RAFTER IS 5 PANELS AND 4 PANELS FOR THE " 3 GROOVE " RAFTER THE MAXIMUM SPANS IN THE TABLE LIMITED BY PANEL WIDTH ARE ASSUMED TO HAVE THE MAXIMUM NUMBER OF PANELS.

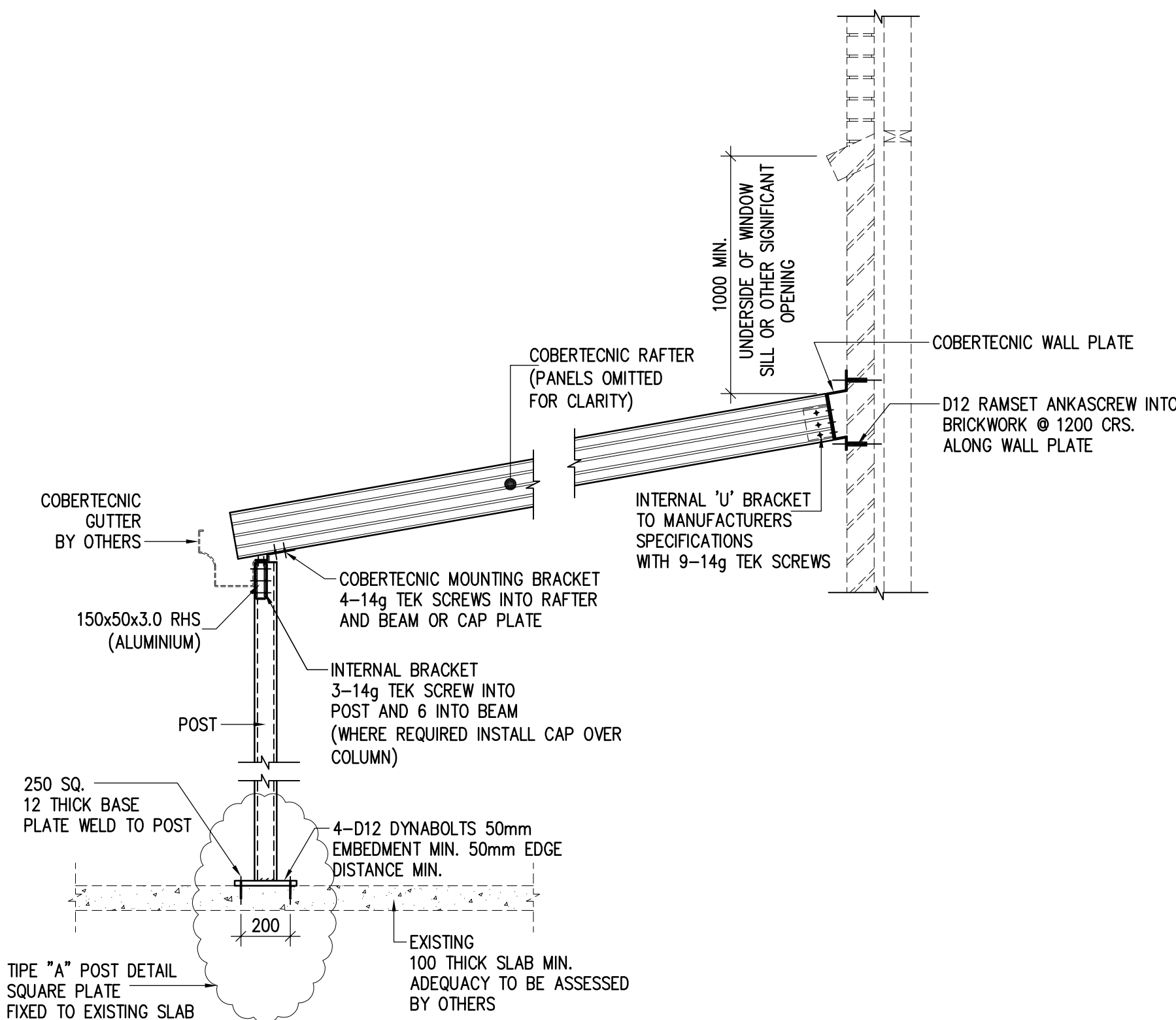
SLIDING PANEL

WIDTH (m) (SPACING)	DEPTH (m)
1.5	2.1*2
2.0	1.8
2.5	1.1
3.0	0.6

*² PANEL DEPTH LIMITED BY WIDTH OF 16mm TWIN WALLED SHEETING

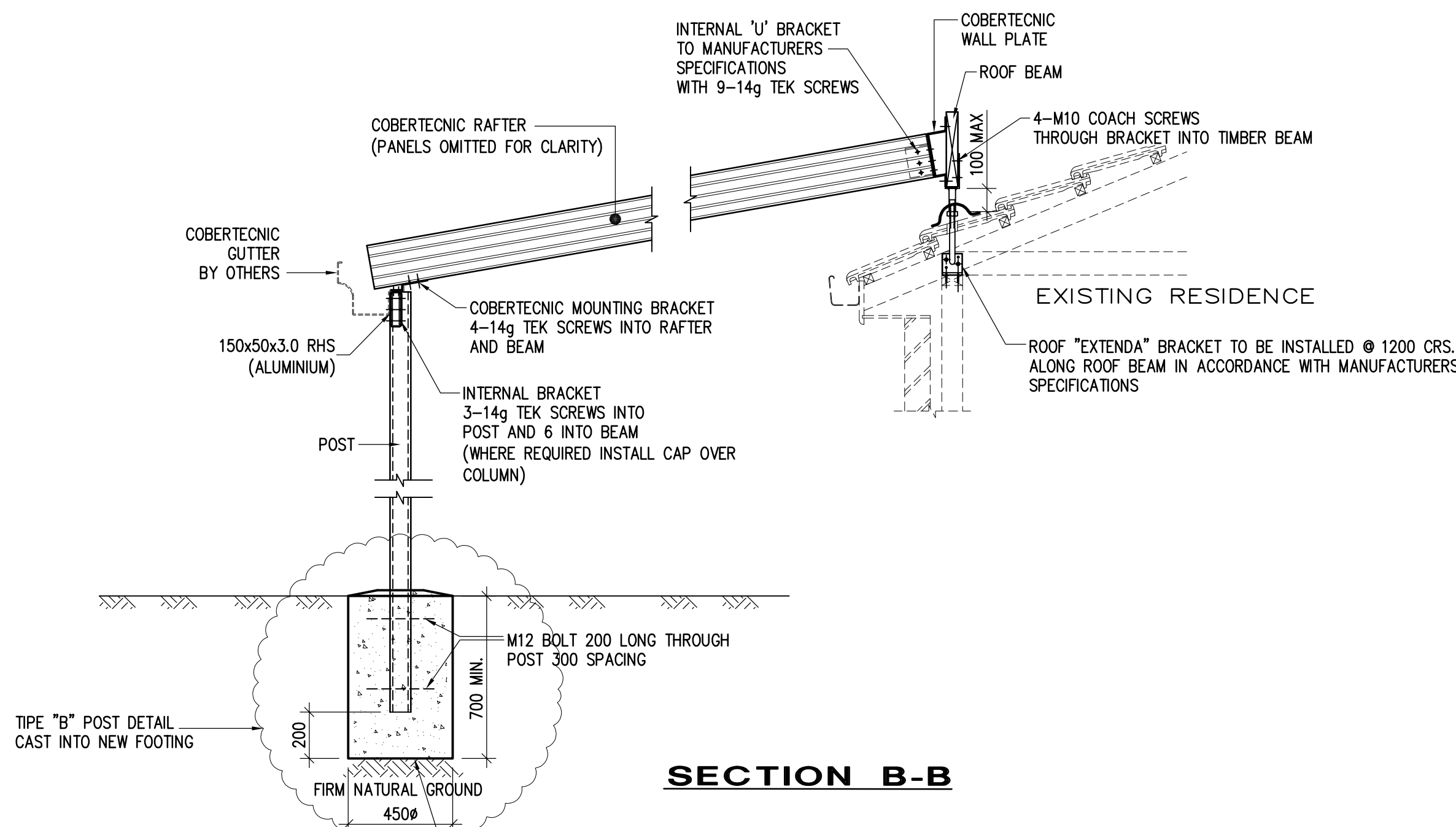
END BEAM (150x50x3.0 ALUMINIUM RHS)

SPAN (m)	POST SPACING (M)
3.0	4.8
3.5	4.4
4.0	4.1
4.5	3.9
5.0	3.7
5.5	3.5

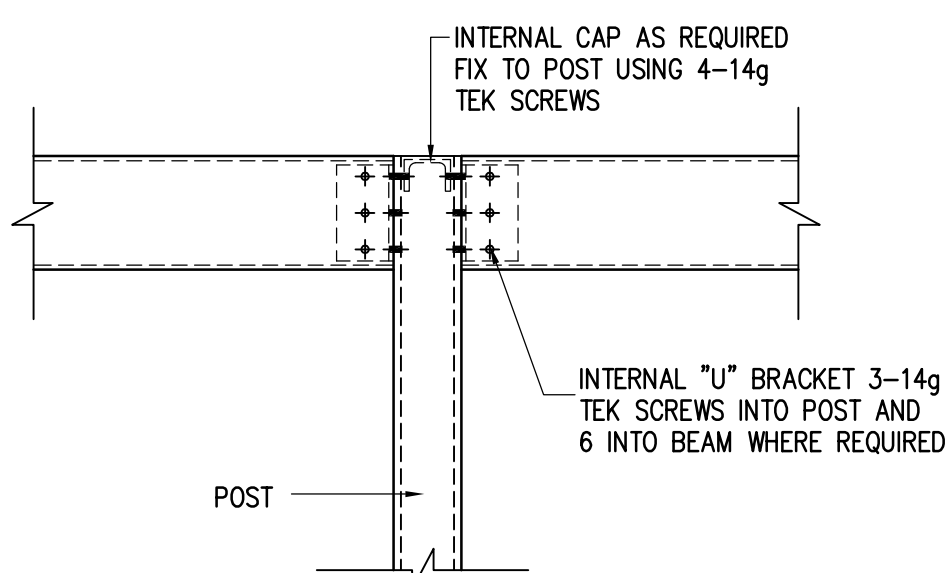


SECTION A-A

SCALE 1:20



SECTION B-B



DETAIL A

SCALE 1:10

ISSUE/DATE	APP'D	DESCRIPTION
REVISIONS		

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SCALE	1:100 1:20 1:10
DATE	25-05-2011
DRAWN	O.C
CHECKED	M.T
APPROVED	

CLIENT :	
PROPOSED	
COBERTECNIC T5000 SERIES AWNINGS	
STRUCTURAL DETAILS	
DRAWING NUMBER	76580-1
ISSUE	