

**PROJECT: COMMONWEALTH BANK REBRAND
CANTILEVER SIGN FIXING ARRANGEMENT**

AI-A5	UNDER AWNING FIXING ARRANGEMENT
BI-B5	CANTILEVER SIGN FIXING ARRANGEMENT
CI-C6	TAVERN SIGN FIXING ARRANGEMENT
DI-D5	FASCIA SIGN FIXING ARRANGEMENT
EI - E6	PENDANT SIGN WALL FIXING ARRANGEMENT
FI - F5	PENDANT SIGN WALL FIXING ARRANGEMENT

**ADDRESS: COMMONWEALTH BANK BRANCHES.
REGION A AND B**

REFERENCE: SCF:085:A

DATE: 19/MAY/09

Verification and Certification of
Structural Design Documents

Valdis Svors



Dr Valdis Svors

2nd August 2009
Professional Engineer - Structural Engineering
Member No. 122065

WARRINGAH COUNCIL
THIS PLAN TO BE READ
IN CONJUNCTION WITH

Construction

Certificate No. CC2011/0877

	Commonwealth Bank - Retail Sign Rebranding	SCF	085-A
	Commonwealth Bank Branches - Region A & B	22-May-09	

SUMMARY:

Sign Type	Fixing	EMB (mm)		Concrete (Incl Precast)		Brick		3-Hole Brick		10 Hole Brick		Concrete Block		Docs
Cantilever Wall Mount	M12 Dynabolt	40		Yes		Yes	Yes	Yes		No		No		B1-B5
	M12 Chemset	110		Yes		Yes	Yes	Yes		No		No		
Tavern Sign Wall Mount (Cantilever)	M10 Dynabolt	35		Yes		Yes	Yes	Yes		Yes		No		C1-C6
	M10 Chemset	90		Yes		Yes	Yes	Yes		Yes		No		
Fascia Sign	M8 Dynabolt	30		Yes		Yes	Yes	Yes		Yes		Yes		D1-D5
	M8 AnkaScrew	50		Yes		Yes	Yes	Yes		Yes		Yes		
Pendant Wall Mounted	M10 Dynabolt	35		Yes		Yes	Yes	Yes		Yes		No		E1 - E6
Pendant Under Awning	NA													F1 - F5
Under Awning	NA													A1-A5

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Brick and Block Anchoring

30.1.3 INSTALLATION RECOMMENDATIONS

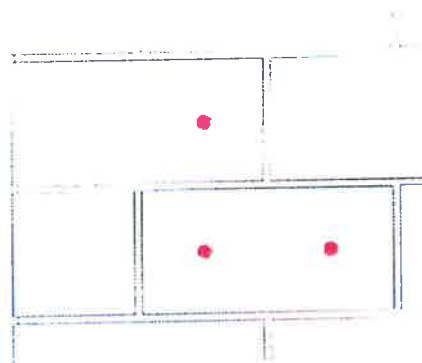
Corner – Brick

- One anchor per brick
- Minimum edge distance = one brick



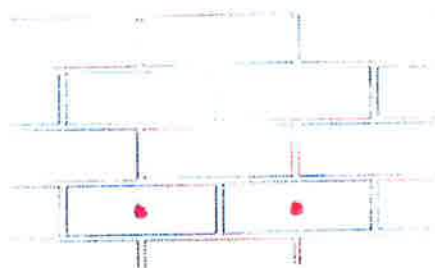
Corner – Block

- One anchor per cavity
- Minimum edge distance = 1/2 block



Top of Wall – Brick

- One anchor per brick
- Three clear courses down from top of wall



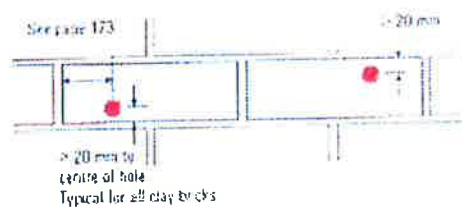
Top of Wall – Block

- One anchor per cavity
- Two clear courses down from top of wall

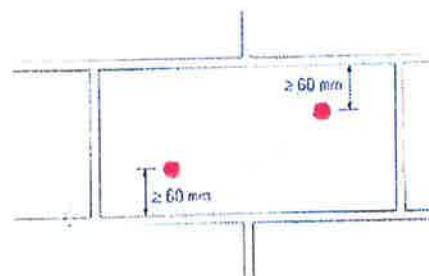


30.1.4 MINIMUM EDGE DISTANCES

CLAY BRICK



CONCRETE BLOCK



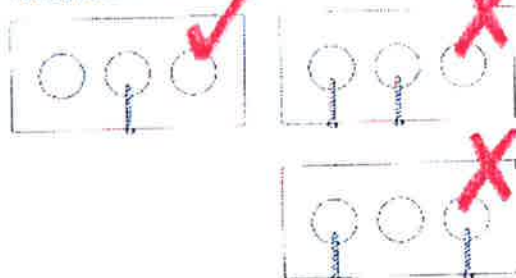
Brick and Block Anchoring

30.1.5 FIXINGS PER BRICK/BLOCK

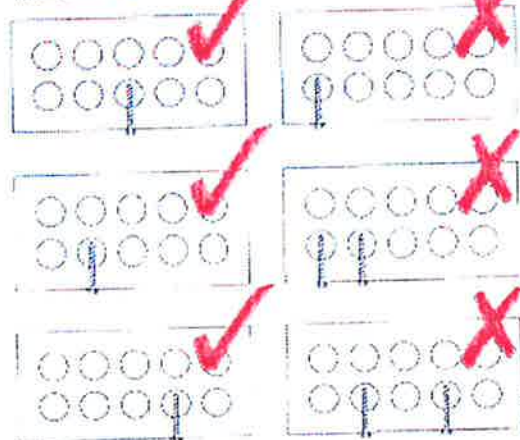
SOLID BRICK



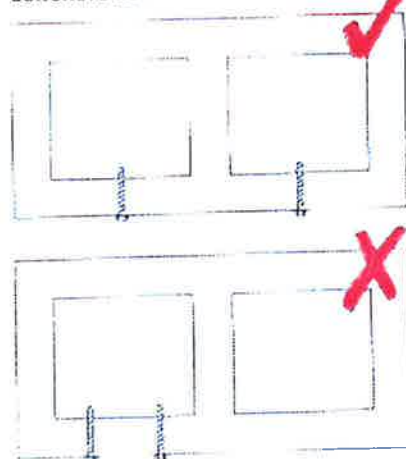
THREE HOLE BRICK



TEN HOLE BRICK



CONCRETE BLOCK



CERTIFICATE OF COMPLIANCE DESIGN

To Building surveyor.

From Building practitioner: **Valdis Svavs**

Category and class: **C7 - Accredited Certifier - Structural Engineering Compliance No: BPB0398**

Postal address: **Suite 101, 4-10 Bank Place, Melbourne.**

Postcode: **3000.**

Property details

Number	Street/Road	City/Town/Suburb	Postcode
Commonwealth Bank Branches		Throughout NSW (Region A and B)	
Lot/s	LP/PS	Volume	Folio
Crown allotment	Section	Parish	Country
Municipality			

Compliance

I did not prepare the design and I certify that the part of the building work described as

Commonwealth Bank - Retail Sign Rebranding

complies with the following provisions of the Act or regulations

REGULATIONS:

BCA

2009

Building Code of Australia

CODES & STANDARDS

AS/NZS	1170		Structural design actions
AS/NZS	1170 .0	2002	Part 0: General principles
AS/NZS	1170 .1	2002	Part 1: Permanent, imposed and other actions
AS/NZS	1170 .2	2002	Part 2: Wind actions
AS/NZS	1554		Structural steel welding
AS/NZS	1554 .1	2000	Part 1: Welding of steel structures
AS/NZS	1664		Aluminium structures
AS	3600	2001	Concrete structures
AS	3700	2001	Masonry Structures
AS	4100	1996	Steel structures
AS/NZS	4600	2005	Cold-formed steel structures

Design Documents

Design Documents			Prepared By:	Date:
Computations.	Under Awning Fixing Arrangement	A1-A5	Vistek	26/May/2009
	Cantilever Sign Fixing Arrangement	B1-B5	Vistek	26/May/2009
	Taven Sign Fixing Arrangement	C1-C6	Vistek	26/May/2009
	Fascia Sign	D1-D5	Vistek	26/May/2009
	Pendant Sign Wall Fixing	E1-E6	Vistek	26/May/2009
	Pendant Sign Under Awning	F1-F5	Vistek	26/May/2009

Signature:

Valdis Svavs



Dr Valdis Svavs

ME Aust CP Eng
Chartered Professional Engineer
Membership No: 205862

Vic: Registered Building Practitioner, Civil Engineer EC 1357
NSW: Accredited Certifier - Structural Engineering Compliance
Reg No. - BPB0398 (EP&A Act NSW)
Qld: Registered Professional Engineer of Qld RPEQ 3414 Div: Civil
Tas: Accredited Certifier, Civil & Structural CC40261 (Building Act 2000 Tas.)

26/May/2009