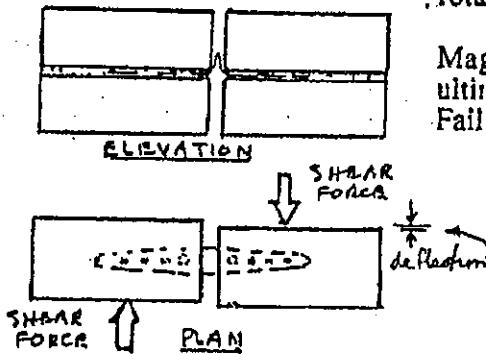


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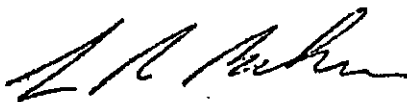
SPECIMENS SUPPLIED BY : Abey Hardware
Date of Test : 29 May 1992
Type of tie : Expansion CODE 0611
Tie Description : Stainless steel tie consists of two tapered ends with holes included to give bonding in bed joints. Central deformed section to facilitate in-plane expansion.
Test Description : Tie installed in brick couplet and shearing force applied to bottom course as shown without rotation.



Magnitude of force at 1.5 mm deflection and at ultimate failure of the joint were recorded. Failure occurred by debonding in the bed joints.

Results:

Specimen No.	Load at 1.5 mm deflection	Ultimate Load
	kN	kN
1	.90	1.41
2	.89	1.37
3	.80	1.42
4	.74	.99
5	.91	1.45
6	.96	1.45
7	.88	1.43
8	.88	1.09
Mean	0.87	1.33
Characteristic	0.76	1.03



Dr L.R. Baker
Director