



Hardy BBT Limited

CONSULTING ENGINEERING & PROFESSIONAL SERVICES

Our Project No.

Your Reference No.

CA-08184

August 16, 1988

Anchortech Ltd.
106, 2750 - 22 Street N.E.
Calgary, Alberta
T2E 7L9

Attention: Mr. F. Bodell

Dear Sir:

RE: Hanger Systems Load Tests

In response to your request of August 15, 1988 two load tests have been conducted to verify load carrying ability of clips manufactured by your firm. These clips are intended for use in support of sprinkler systems and other suspended ceiling hardware.

Aluminum Q-Deck Hangers Clip Load Test #1

U-Shaped clip 3/4 inch wide; 3/8 inch thick at thread area, 3/8 inch threaded hole, attached to bottom of 23 gauge Q-Deck with No. 10 x 3/4 Tek screws.

Slight bend in screws at 650 lb. load. Failure of Q-Decking at 1,130 lbs. of load. Failure defined as holes elongating in Q-Decking.

Clip Load Test #2

U-shaped clip 3/4 wide, 3/8 inch thick at thread area, 3/8 inch threaded hole, attached to top of 23 gauge Q-Deck with No. 10 x 3/4 Tek screws using a drop through hole.

Clip tight on Q-Deck at 1,200 lb. load. Q-Deck bent (failure) at 1,570 lbs. of load.



- 2 -

We trust that this information meets your present requirements. Should you have any questions with regard to this report or if we can be of further service, please contact us at your convenience.

Yours truly,

Hardy BBT Limited

Per:

for A. Green, Laboratory Technician

Per:

R. W. Forfyflow, P. Eng.
Manager, CTM Division

GLS:bb