



Hardy BBT Limited

CONSULTING ENGINEERING & PROFESSIONAL SERVICES
CA-08184

Our Project No.
Your Reference No.

November 11, 1987

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

Attention: Mr. F. Bodell

Dear Sir:

In response to your request, pull-out tests have been conducted on a preset 1 3/4 inch long tapered plastic insert, with 3/8" standard hex nut installed in the top of the insert.

The insert was installed in a laboratory cast test block of 12" x 12" x 6" 30 MPa concrete. Testing was conducted at 7 days when estimated strength of concrete would be 21 MPa. The maximum load at failure was 3,770 lbs.

The insert pulled out of the cast block 1/4" then the hex nut pulled through the insert. There was no damage to the threads of the nut or the rod.

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

PERMIT TO PRACTICE	
HARDY BBT LIMITED	
Signature	<u><i>AJ</i></u>
Date	<u>16.11.87</u>
PERMIT NUMBER: P 4546	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	

Yours truly,

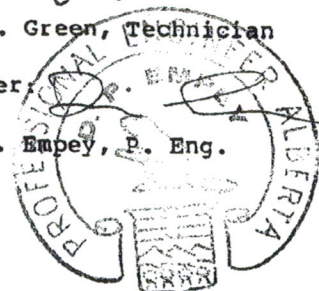
Hardy BBT Limited

Per: *A. Green*

A. Green, Technician

Per: *D. Empey*

D. Empey, P. Eng.



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