

EBA Engineering Consultants Ltd.

September 10, 1996

Devonian Properties Inc.
P.O. Box 804
Canmore, Alberta
T0L 0M0

EBA File: 0304-37699

Attention: Mr. Doug Churchill

Dear Sir:

Subject: Prospect Point - Retaining Walls

EBA has completed its analyses and design of proposed retaining walls along the lower emergency access road for the Prospect Point site. The enclosed drawings show typical design sections for the retaining walls. The upslope wall will be up to 4 m high depending on the design slope for the rear yards and the lower retaining wall is only 0.5 m to 2.0 m high. These designs are based on the assumption that the emergency access road must be 6 m wide. Furthermore, one design case incorporates a concrete toe block which we discussed onsite on September 9, 1996 for the section where the base of the wall sits directly on bedrock. The second section shows the design for the areas where the wall sits on native soil or pit-run fill and the toe can be embedded.

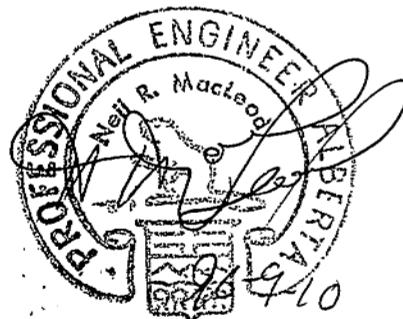
We apologize that drafting of the final design drawings is not yet completed. Properly stamped and sealed drawings should be available by the end of the week.

Respectfully submitted,

EBA Engineering Consultants Ltd.



Lara M. Percival, M.Eng., P.Eng.
Geotechnical Engineer



Neil R. MacLeod, P.Eng.
Senior Engineering Geologist

LMP:NRM:mvd

Enclosures

7699L.06

6111 - 36th Street S.E. Calgary, Alberta T2C 3W2
• Telephone (403) 236-9700 • FAX (403) 236-7033 •



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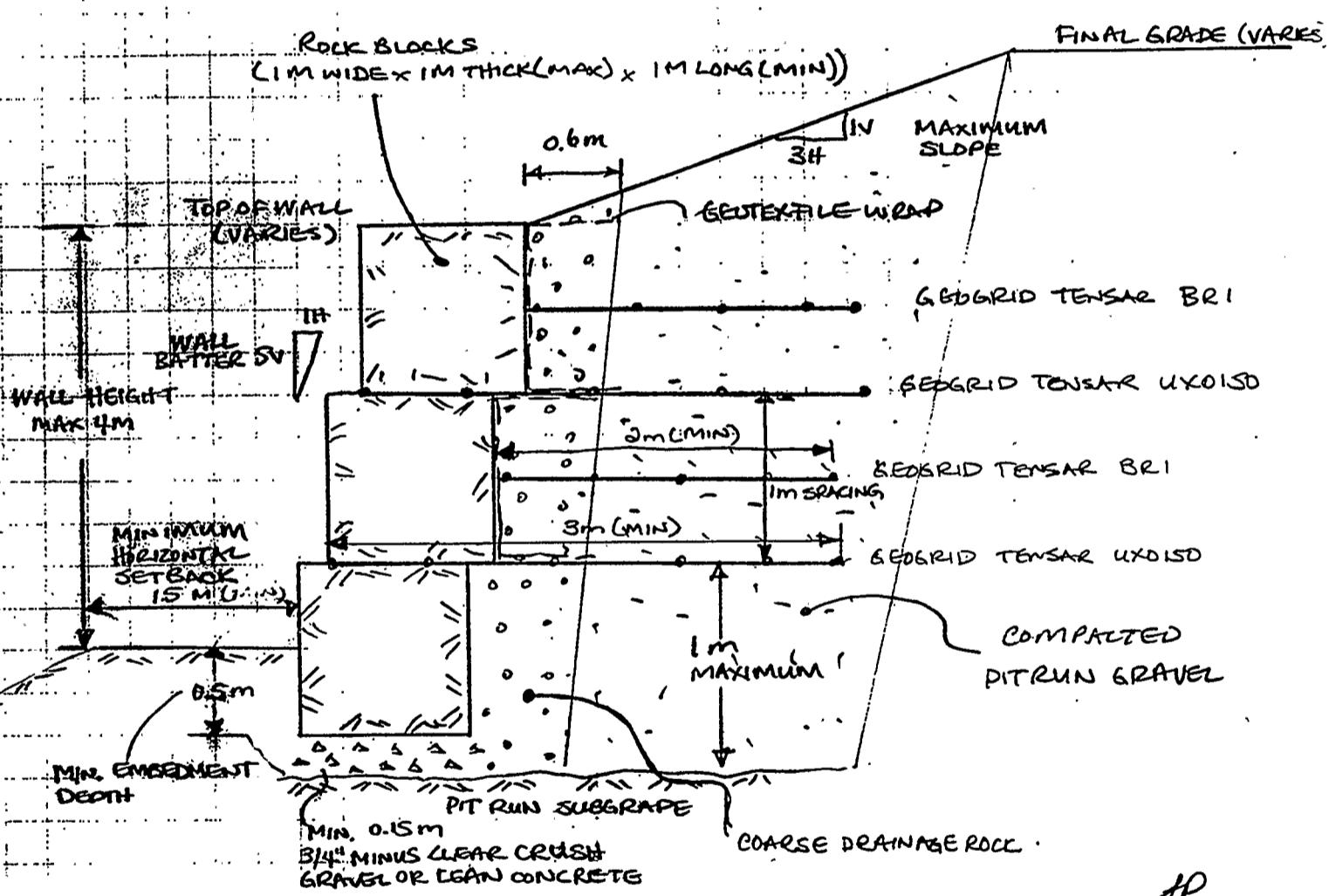
PROSPECT POINT

CONDOMINIUMS

CANMORE AB.

SECTION 2

DISTANCE (VARIES)



JP.

TYPICAL ROCK BLOCK GEOGRID RETAINING WALL
SUPPORTED ON PIT RUN SUBGRADE

0304-37699

PROSPECT POINT
CONDOMINIUMS
CANMORE AB

SECTION 1

DISTANCE (VARIES)

Rock Blocks

(1m wide x 1m thick (max) x 1m long (min))

FINAL GRADE (VARIES)

IN MAXIMUM
SLOPE.
3H : 4V

TOP OF WALL
(VARIES)

GEOTEXTILE WRAP

GEORGRID TENSAR BRI

GEORGRID TENSAR UX0150

GEORGRID TENSAR BRI.

GEORGRID TENSAR UX0150

COMPACTED
PIT RUN GRAVEL

PIT RUN
BACKFILL

BEDROCK

CONCRETE
TOE BLOCK

LEAN CONCRETE
LEVELING PAD

COARSE DRAINAGE ROCK

STEEL DOWEL

TYPICAL ROCK BLOCK GEORGRID RETAINING WALL
SUPPORTED ON BEDROCK

J.P.

EBA Engineering Consultants Ltd.

October 7, 1996

Town of Canmore
P.O. Box 460
Canmore, Alberta
T0L 0M0

EBA File: 0304-37699

Attention: Mr. Ike Hansen
Safety Codes Officer

Dear Sir:

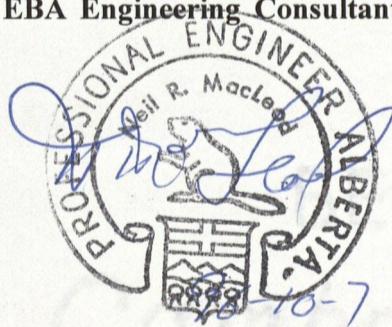
Subject: Devonian Properties Inc.
Prospect Point Condominiums Site
Retaining Wall Construction

EBA Engineering Consultants Ltd. (EBA) has been involved with the design and construction inspection of the upper and lower retaining walls at Prospect Point. The upper wall has been completed and the lower wall is presently under construction. On the basis of observations by Ms. Lara Percival of EBA on October 5, 1996, observations during preparation of the site and construction photos, it is our opinion that the upper wall has been constructed in a manner which complies with EBA's design.

Should there be any questions in this regard, please call EBA's Calgary office.

Respectfully submitted,

EBA Engineering Consultants Ltd.



Neil R. MacLeod, P.Eng.
Senior Engineering Geologist

NRM:mvd

c Mr. Doug Churchill, Devonian Properties Inc.

PERMIT TO PRACTICE	
EBA ENGINEERING CONSULTANTS LTD.	
Signature	
Date	96/10/07
PERMIT NUMBER: P 245	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	

7699L.08

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