

# **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.**

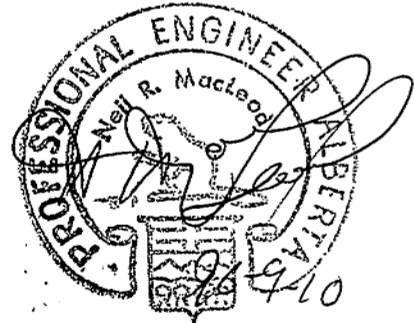


Lara M. Percival, M.Eng., P.Eng.  
Geotechnical Engineer

LMP:NRM:mvd

Enclosures

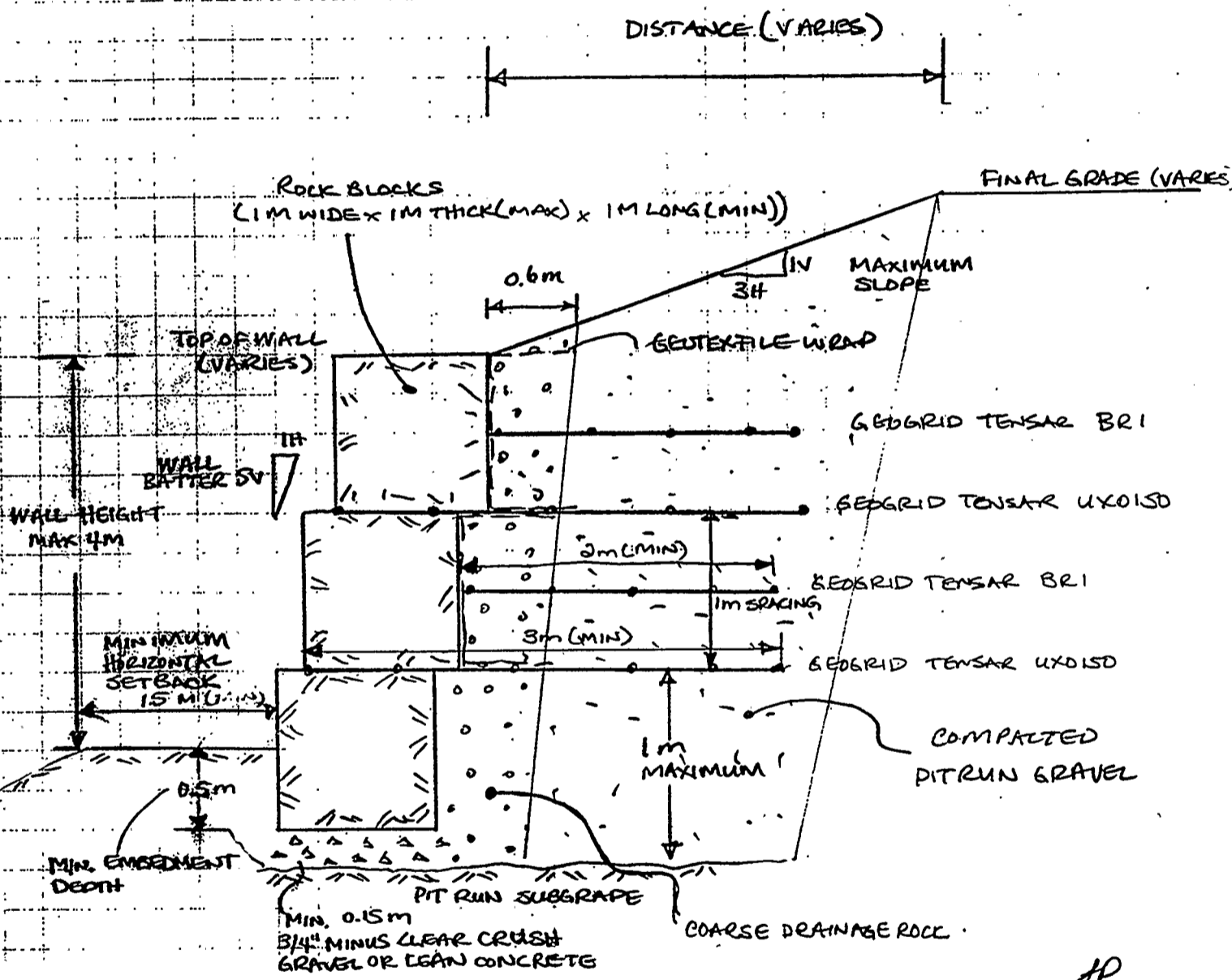
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Neil R. MacLeod, P.Eng.  
Senior Engineering Geologist

F.  
 0304-37699  
 PROSPECT POINT  
 CONDOMINIUMS  
 CANMORE AB.

SECTION 2



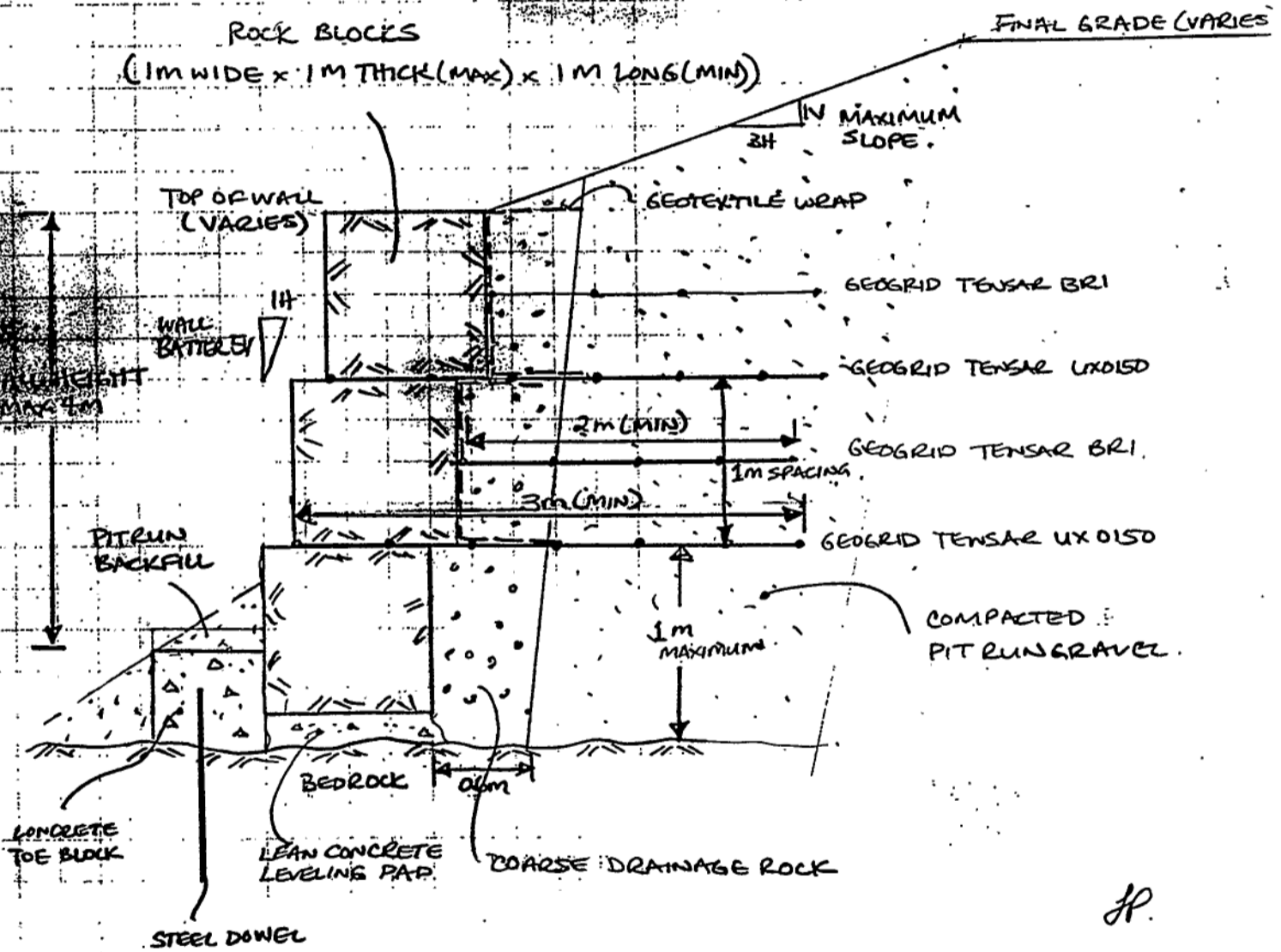
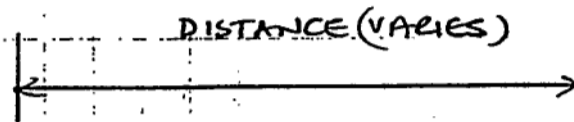
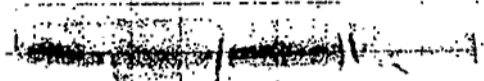
TYPICAL ROCK BLOCK GEOGRID RETAINING WALL  
 SUPPORTED ON PIT RUN SUBGRADE

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PROSPECT POINT  
CONDOMINIUMS  
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### SECTION 1



TYPICAL ROCK BLOCK GEGRID RETAINING WALL  
SUPPORTED ON BEDROCK

