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November 1, 2017

Canadian Group Inc.,
2354 Long Lake Road,
Sudbury, ON

Attn: John Cerilli, President,

JRHE 3249

Dear Mr. Cerilli:

**RE: Hydraulic Load Calculations – Sanitary Sewer and Domestic Water
Proposed Naomi Park Residences, Southview Drive, Sudbury ON,**

We reviewed the hydraulic load requirements for the Naomi Park Residences property. Our findings are noted below.

Sanitary Drainage Hydraulic Load

Sanitary drainage per Building
Hydraulic load =730 fixture units (FU) =140gpm
@9.1L/FU =6,643L
Max Hydraulic Load on San. Horizontal Drain (1 in 50 slope) = 6" drain pipe min.
Total Drainage Hydraulic Load for Both Buildings = 8" drain pipe min.

Domestic Water Load Calculations

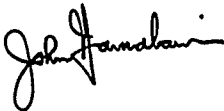
Domestic Water per Building =630 fixture units (FU)
Total Domestic Water Load =1260 fixture units (FU)

Based on OBC Tables 7.4.9.3., 7.4.10.5, 7.4.10.8, and Table 7.6.3.2.A

Domestic water lines must be based on water pressure available to the buildings.

Trusting you will find this to be in order.

Yours truly,



John R Hamalainen, P.Eng., BDS, CPMP

JRH/cc



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