

May 3, 2016

Mrs. Jean Chrisman, Town Clerk
Town of Canandaigua
5440 Routes 5 & 20 West
Canandaigua, New York 14424

RE: TUTTLE HOUSE – NYS ROUTE 21S – LOT 1
EROSION CONTROL MEASURES ESTIMATE REVIEW
TAX MAP NO. 112.01-1-11.100
CPN No. 116-15
MRB PROJECT No.: 0300.12001.000 – PHASE 071

Dear Mrs. Chrisman,

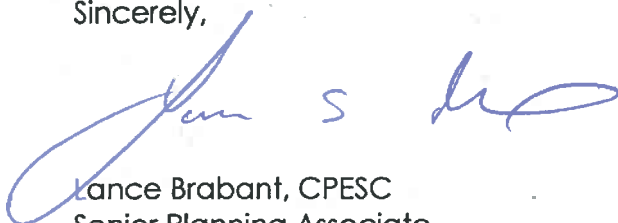
Please be advised that MRB Group has completed a review of the submitted Erosion Control Measures Estimate dated March 29, 2016, last revised May 2, 2016 for the above referenced project.

Based on our review of the submitted estimate, we recommend that an Erosion Control Measures Surety be approved in the amount of **\$2,656.00** for the above referenced project. The breakdown of the estimate amount is attached.

Please note that the original surety documentation regarding the establishment of the Erosion Control and Stabilization Surety is required to be submitted to the Town Clerk for processing. Once the original is received by the Town Clerk, all information will be forwarded to the Town Attorney for review prior to being placed onto the Town Board agenda.

Any questions and/or comments you may have in this regard, please feel free to contact us at your earliest convenience.

Sincerely,



Lance Brabant, CPESC
Senior Planning Associate

n:\0300.12001.000\corres\072-tuttle site plan\lsb-esest-rev3.doc



Enclosures:

- Erosion Control Measures Surety Estimate last revised May 2, 2016

c: Pamela Helming, Supervisor
Kristine Singer, Town Bookkeeper
Doug Finch, Director of Development
Jim Fletcher, Highway and Water Superintendent
Chris Jensen, P.E., Code Enforcement Officer
Daniel R. Long, RA – D.R. Long Architect & Associates

Erosion Control Measures Estimate (Surety)

March 29, 2016 (expanded April 6, 2016, Revised May 2, 2016)

Mr. Doug Finch, Director of Development- Town of Canandaigua
5440 Routes 5 & 20 West - Canandaigua, NY 14424

RE: Tuttle House – NYS Route 21S – Lot 1 (Site Plan Review CPN 116-15).

Dear Mr. Finch,

The following is the expanded estimate for the site erosion control measures for the noted project based upon information provided by Glen Warner for site work as requested by Sarah Tuttle. The costing and unit pricing requested by Mr. Brabant in his April 11th letter has been provided where we were able to receive such information. Warners has provided a cost for this scope but did not provide the extensive detail requested. Warners is under contract with Sarah Tuttle to perform this work. Our office has taken the costing and provided the requested unit costing resulting from their pricing.

The total gross area of disturbance for all areas including a perimeter buffer for equipment and traffic is 34,080 s.f. The net area of disturbance, the area requiring re-establishment of vegetative growth (grass) is 22,409 s.f.

Based upon the proposed silt fencing and straw bale sediment filters shown on drawings to be submitted to MRB for final review it is estimated that the total labor and materials needed to perform and maintain the required measures amount is \$2,656.00.

The following detailed line items are as follows. Warners have already performed some of the scope of work listed herein.

Silt Fencing: Fencing is estimated at approximately 303' with additional material for soil stockpile area noted on site plans.
\$606.00 unit cost: \$2/ lin. ft.

Temporary Stabilization: (mulching with straw) in areas needed:

Areas shall include disturbed areas on edge of driveway, perimeter of proposed excavation of foundation and walk-out. This reflects the actual area of disturbance in the revised drawings.

\$970.00 unit cost: approx. net. 22,409 s.f Area (minus house footprint, driveway and parking area) unit cost: 2,490 s.y. area (\$2.57/ s.y.)

Permanent Stabilization: (seeding in conjunction with aforementioned temporary measures): \$750.00. (\$3.32/ s.y.)

Check Dams:

Check dams have not been specified nor have they been recommended as part of the soil and erosion control measures required.

Stabilized Construction Entrance:

This portion of the work will be an adder to the original driveway contract for material costs for the larger stone and removal at end of project. The cost is for approx. 6 yards of larger stone cover. . \$330.00. (\$55/yard)

If you have any questions regarding this estimate, please feel free to contact my office at (315) 781-2835.

Respectfully,

Daniel R. Long, RANCARB