

CONKLIN ASSOCIATES
 CONSULTING ENGINEERS AND LAND SURVEYORS
 P.O. BOX 282
 29 CHURCH STREET, RAMSEY, NJ 07446

March 2, 2020

Mr. Tom Buda
 Hopper Condominium Association, Inc.
 41 Kira Lane
 Ridgewood, NJ 07450

**Re: Lot 3, Block 4104
 Ridgewood, NJ
 Hopper Condominium Association, Inc.**

Dear Tom,

<u>Wall</u>	<u>Length</u>	<u>Max Height</u>	<u>Face Footage</u>
<u>Lower</u>	174'	8'	1700 SF
<u>Middle</u>	276'	12.33'	2775 SF
<u>Upper</u>	174'	8.33'	1403 SF
	624'		5878 SF + 416 Cap Block

Soil Movement

Pond Reclamation and Enhancement

<u>Pond</u>	<u>Area (SF)</u>	<u>Silt @ 1' CY</u>	<u>Silt @ 2' CY</u>
<u>Lower</u>	14,560	539	1,078
<u>Middle</u>	7,309	271	542
<u>Upper</u>	4,400	163	326
	26,269	973	1,946

**Crushed Stone
In Cubic Yards**

<u>Wall</u>	<u>Leveling Pond</u> 2.7 ft ³ /ft	<u>Drainage</u> 1 ft ³ /ft ²	<u>Core Fill</u> CY	<u>Hydrostatic</u> CY	<u>Cribwall Drainage</u> CY
<u>Lower</u>	18	539	22.3	85.1	6.4
<u>Middle</u>	28	271	39.5	120.6	10.3
<u>Upper</u>	18	163	22.8	90.6	6.4
	64	973	84.6	296.3	23.1

Geogrid Reinforced Fill

<u>Wall</u>					
<u>Lower</u>	500 CY				
<u>Middle</u>	1,035 CY				
<u>Upper</u>	458 CY				
<u>Culvert Replacement</u>					

Topsoil – Graded 3H:1V Slopes

<u>Wall</u>					
<u>Lower</u>	48.3				
<u>Middle</u>	77.2				
<u>Upper</u>	48.3				
<u>Culvert Replacement</u>					

Area of Disturbance

	<u>Pond</u>	<u>Wall</u>
<u>Lower</u>	14,560 SF	8,861 SF
<u>Middle</u>	7,309 SF	5,667 SF
<u>Upper</u>	4,400 SF	7,148 SF
	<u>26,269 SF</u>	<u>21,676 SF</u>

I am available at 201-327-0443 or tibor@conklinassociates.com to answer any questions. Thank you for your assistance.

Very truly yours,

Tibor Latincsics, P.E., P.P.

cc: Hopper Condominium Associates
David L. Rutherford, Esq.