MJS ENGINEERING, P.C.
CIVIL • STRUCTURAL • ENVIRONMENTAL

5 Railroad Street • P. O. Box 359
Newmarket, NH 03857
Phone: (603) 659-4979
Email: mjs@mjs-engineering.com

February 3, 2016

Ms. Marcia Gasses, Town Planner
Town of Barrington, Planning Department
P. O. Box 660
333 Calef Highway
Barrington, NH 03825

Re: Subdivision Application (268-1 & Additional Lots-GR-13-SUB-Gerrior Lane Trust)
The Homestead Subdivision
Gerrior Drive, Saint Matthews Drive, Heritage Lane
Barrington, NH

Dear Ms. Gasses:

MJS Engineering, P.C., on behalf of Peter Daigle, would like to be included on the February planning board agenda to discuss the status and timing for completion of the Conditions of Approval for the above-referenced subdivision. We have most of the conditions complete and should be able to finish the remainder this month, however, I may need a short extension to get all the tasks finalized. To the best of my knowledge there have been no amendments to the zoning ordinance or subdivision regulations that would render the subdivision plan non-conforming. I believe that an extension to June 1, 2016 would be adequate to complete the remaining conditions.

We appreciate your patience with this project. Please call me at (603)659-4979 with any questions or comments.

Sincerely,

Michael Sievert, P.E.
President

Cc: Peter Daigle, Gerrior Lane Trust
Kevin Baum, HPGR, P.A.

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February 10, 2016

Ms. Marcia Gasses, Town Planner
Town of Barrington, Planning Department
P. O. Box 660
333 Calef Highway
Barrington, NH 03825

Re: NOD review submission for approval
(268-1 & Additional Lots-GR-13-SUB-Gerrior Lane Trust)
The Homestead Subdivision
Gerrior Drive, Saint Matthews Drive, Heritage Lane
Barrington, NH

Dear Ms. Gasses:

Please find enclosed, for your review and approval, a plan set and supplemental information to meet the notice of decision precedent conditions. I will explain below using the same numbering from the NOD, where you can find the items on the enclosed plans.

The plan modifications have been added as follows:

1. a) The original NHDES subdivision approval number is still valid for lots 1-3, 7&8. There will be a new or amended number for lots 4-6, and lots 9&10 do not require subdivision approval as they are greater than 5 acres. A note #20 to this effect has been added to sheet 1 of 6 "Subdivision of Land" plan, and the cover sheet of the MJS plan set note 11.
   b) The AOT permit number has been added to Sheet 1 note 21 and MJS Cover note 12.
   c) This label to remove the existing structure from the ROW was added to sheet C2.
   d) The buffer impact areas are shown on sheet WET of the plan set.
   e) The wetland buffer on Map 260 Lot 39, has been shown on sheet 2 of 6 "Subdivision of Land" plan.
2. The following notes were added as follows:
   a) The waiver note for the shoulder width was added to sheet 1 of 6 as note 22 and the MJS cover sheet as note 14.
   b) The 9.6 special permit note for the wetland buffer disturbance was added to sheet 1 of 6 note 23 and MJS cover sheet as note 15.
   c) The stump burial note was added to sheet 1 of 6 as note 24 and MJS cover sheet as note 16.

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In accordance with item #6 on the NOD, I have enclosed two construction estimates for the project. The estimates are broken into two costs for the two phases. We anticipate phase 1 will include the crushing operations and the construction of Heritage lane. Phase 2 would be the shared driveway and reconstruction of the curve on St. Matthews Drive. The timeline for the project is beginning the spring of 2016 and completing by spring of 2017.

Please call me at (603)659-4979 with any questions or request for additional information.

Sincerely,

Michael Sievert, P.E.
President

Cc: Peter Daigle, Gerrior Lane Trust
Kevin Baum, HPGR, P.A.

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ROADS/UTILITIES AND EROSION CONTROL CONSTRUCTION COST ESTIMATE

Prepared by:	***MJS Engineering***	
Map / Lot No:	**Tax Map 268 Lots 1.9-1.14, 1.19, and 1.21-1.30.** **Tax Map 260 Lots 44, 65, 66, 69, 78, 79, 82, and 83**	**Date: 1-25-16**
Developer:	**Gerrior Lane Trust**	
Project Name:	**Homestead Subdivision**	
Location:	**St. Matthews Drive / Shared Driveway**	
Applicant:	**Gerrior Lane Trust**	

Item	Quantity	Unit	Unit Price	Price
EARTHWORK				
Demolition				
Clear & Grub	1	AC	$8,000.00	$8,000.00
Common Excavation	400	CY	$5.00	$2,000.00
Common Borrow	3016	CY	$10.00	$30,160.00
Bank Run Gravel	1293	CY	$15.00	$19,395.00
Crushed Gravel	640	CY	$16.00	$10,240.00
PAVEMENT				
Hot bit pavement	413	TON	$85.00	$35,105.00
Pavement Sawcut	98	LF	$2.00	$196.00
DRAINAGE				
24" HDPE	60	LF	$69.50	$4,170.00
Pipe Arch (7'-3" x 5'-11")	1	LS	$22,659.00	$22,659.00
Riprap Outlet Protection	386	TON	$17.00	$6,562.00
MRM Headwalls	1	EA	$800.00	$800.00
Conveyance Swale	2	EA	$8,000.00	$16,000.00
STRUCTURES				
GuardRail	294	LF	$22.00	$6,468.00
EROSION CONTROL				
Perimeter Control - SiltSoxx	1920	LF	$6.25	$12,000.00
Stabilized Construction Entrance	1	LS	$750.00	$750.00
			SUBTOTAL (1) :	**$174,505**
			Contingency 10% of Subtotal (1) :	$17,451
			TOTAL ESCROW AMOUNT :	**$191,956**

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ROADS/UTILITIES AND EROSION CONTROL CONSTRUCTION COST ESTIMATE

Prepared by:	***MJS Engineering***	
Map / Lot No:	**Tax Map 268 Lots 1.9-1.14, 1.19, and 1.21-1.30.** **Tax Map 260 Lots 44, 65, 66, 69, 78, 79, 82, and 83**	**Date: 1-25-16**
Developer:	**Gerrior Lane Trust**	
Project Name:	**Homestead Subdivision**	
Location:	**Heritage Lane/Material Processing**	
Applicant:	**Gerrior Lane Trust**	

Item	Quantity	Unit	Unit Price	Price
EARTHWORK				
Demolition				
Clear & Grub	3	AC	$8,000.00	$24,000.00
Common Excavation	2456	CY	$5.00	$12,280.00
Common Borrow	3487	CY	$10.00	$34,870.00
Bank Run Gravel	1840	CY	$15.00	$27,600.00
Crushed Gravel	880	CY	$16.00	$14,080.00
PAVEMENT				
Hot bit pavement	556	TON	$85.00	$47,260.00
Pavement Sawcut	84	LF	$2.00	$168.00
DRAINAGE				
4" PVC Perf. Pipe (Underdrain)	816	LF	$10.00	$8,160.00
8" PVC Solid Pipe (GW Outlet)	31	LF	$10.00	$310.00
15" HDPE (Road, etc.)	276	EA	$18.00	$4,968.00
18" HDPE (Road, Detention Pond Out.)	109	EA	$28.00	$3,052.00
Catch Basins	2	EA	$2,000.00	$4,000.00
Outlet Control Structure	1	EA	$4,000.00	$4,000.00
18" HDPE Flared End Section	1	EA	$150.00	$150.00
Riprap Outlet Protection	196	TON	$17.00	$3,332.00
MRM Headwalls	1	EA	$800.00	$800.00
Gravel Wetland	0.805	AC	$22,500.00	$18,112.50
Detention Pond	1	EA	$8,000.00	$8,000.00
Conveyance Swale	2	EA	$8,000.00	$16,000.00
15" HDPE Flared End Section	6	EA	$140.00	$840.00
Geotextile (Mirafi 140N)	362	SY	$0.50	$181.00
EROSION CONTROL				
Silt Sack	2	EA	$100.00	$200.00
Perimeter Control - SiltSoxx	1584	LF	$6.25	$9,900.00
Temporary Sediment Basins	3	EA	$1,000.00	$3,000.00
Stabilized Construction Entrance	2	LS	$750.00	$1,500.00
			SUBTOTAL (1) :	**$246,764**
			Contingency 10% of Subtotal (1) :	$24,676
			TOTAL ESCROW AMOUNT :	**$271,440**

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