1	TOWN OF SUNAPEE
2	PLANNING BOARD
3	SEPTEMBER 3, 2015
4 5	PRESENT : Tanner Royce, Vice Chair; Kurt Markarian; Shane Hastings; Richard Osborne; Joseph Butler, Alternate; Joseph Furlong, Alternate, Michael Marquise, Planner
6	ABSENT: Peter White, Chair; Donna Davis Larrow; Sue Gottling, ex-officio member
7	See attached sign in sheet
8	Vice Chair Royce called the meeting to order at 7:00 pm.
9	Vice Chair Royce appointed Mr. Furlong and Mr. Butler as voting members for the meeting.
10 11 12	PARCEL ID: 0101-0008-0000 & PARCEL ID: 0104-0039-0000: SUBDIVISION / ANNEXATION: SUBDIVIDE 4.78 ACRES FROM LOT 0101-0008-0000 AND ANNEX TO LOT 0104-0039-0000. 61 EASTMAN RD AND PROSPECT HILL RD, NOEL EASTMAN JR. IRREVOCABLE TRUST.
13 14 15 16 17 18	Mr. Marquise said that the application was filed in advance, fees were paid, notices were posted, and abutters were notified. The application falls under Article 6.04 of the Subdivision Regulations and is eligible for waivers under Article 6.05-b as it is a minor subdivision. The applicable waivers are: boundary survey of the entire parcel, existing and proposed contours, existing and proposed utility lines storm water and water supply facilities. Mr. Marquise continued that he believes that with those waivers the application is complete.
19 20 21 22	Mr. Markarian made a motion to accept the application as complete for Parcel ID: 0101-0008-0000 and Parcel ID: 0104-0039-0000 a subdivision / annexation subdividing 5.83 acres from the first Parcel ID and annexing it to the second, 61 Eastman Rd and Prospect Hill Rd, Noel Eastman Jr Irrevocable Trust. Mr. Osborne seconded the motion. The motion passed unanimously.
23	Patrick Dombrowski presented the case on behalf of the applicants.
24 25 26	Mr. Marquise said that in the notice it says they are subdividing 5.83 acres but it was revised to 4.78 acres. Mr. Dombrowski confirmed that the amount of acreage has been changed as Mr. Eastman didn't like the previous proposed layout of the lots.
27 28	Vice Chair Royce asked if there were any abutters present with any questions or concerns and there were none. Vice Chair Royce asked the Board if they had any questions and there were none.
29 30 31 32	Mr. Markarian made a motion to accept the application merits for Parcel ID: 0101-0008-0000 and Parcel ID: 0104-0039-0000, subdivision / annexation, subdividing 4.78 acres from the first lot and annexed to the second lot at 61 Eastman Rd and Prospect Hill Rd, Noel Eastman, Jr. Irrevocable Trust. Mr. Hastings seconded the motion. The motion passed unanimously.
33 34	PARCEL ID: 0237-0025-0000: SITE PLAN REVIEW / PUD (PLANNED UNIT DEVELOPMENT): RECONFIGURE ORIGINALLY APPROVED "PRESERVE OF MT. SUNAPEE" DUPLEX CONDOMINIUM

35 PROJECT INTO A NEW RESIDENTIAL CONDOMINIUM DEVELOPMENT CONSISTING OF FIVE (5) SINGLE

- 36 FAMILY HOMES AND SIX (6) DUPLEX UNITS. BROOK ROAD SUBDIVISION, HP SUNAPEE, LLC.
- 37 Mr. Marquise said that the application was filed in advance, fees were paid, notices were posted, and
- abutters were notified. The application falls under Subdivision Regulations and is a PUD and in terms of
- 39 the plan items the application is complete. There are outstanding State Permits: the Alternation of
- 40 Terrain (AoT) Permit; the Subsurface Subdivision Permit; and the Subsurface Septic Permits, which he
- 41 understands from Mr. Hirshberg are in the process of being completed. There is an existing Wetlands
- 42 Permit that is not being changed.
- 43 Mr. Markarian made a motion to accept the application as complete for Parcel ID: 0237-0025-0000,
- 44 noting that three permits are still outstanding for AoT and Subsurface Subdivision and Septic, for a Site
- 45 Plan Review / PUD (Planned Unit Development), reconfiguration of originally approved "Preserve of Mt.
- 46 Sunapee" duplex condominium project into a new residential condominium development consisting of
- 47 five single family homes and six duplex units, Brook Road Subdivision, HP Sunapee, LLC. Mr. Osborne
- 48 seconded the motion. The motion passed unanimously.
- 49 Charlie Hirshberg and Brian Vincent of CLD Engineers and Matt Burrows, the attorney for HP Sunapee,
- 50 presented the merits of the case.
- Mr. Hirshberg gave a history of the project. The original approval was for 24 units / 12 duplexes back in
- 52 2005. The previous developer started construction on the project in 2006 and he built 1050 ft of the
- 53 road from Brook Rd. The road was built to Town specs and it is paved. The developer built one duplex
- unit and then defaulted on the project. The property was sold to HP Sunapee and during the period of
- 55 time from the approval and the construction of the road. The AoT Permit, Subdivision Permit, and
- Septic Permits all expired. The regulations changed in the period of time between approval and now.
- 57 Mr. Hirshberg gave further explanation regarding the changes, including more storm water
- 58 requirements. Mr. Hirshberg said that the State said that whatever has been built, including the portion
- of the road, falls under the old regulations. They are in the process of submitting a new AoT Permit to
- 60 the State.
- 61 Mr. Hirshberg said that they came before the Board in January for a conceptual and explained that they
- want to continue the road and make a loop road. The density allows for 24 units but what they got from
- the Board is that they would like fewer. Mr. Hirshberg said that in order to allow for the storm water
- 64 requirements they need more area and it is too difficult to fit 24 units on the property. They are
- proposing 17 units, 6 of the buildings being duplexes and 5 individual units.
- 66 Mr. Vincent said that the proposal is for approximately 300 ft of new road to extend Nature's Way.
- 67 Flander's Way was also constructed but as a driveway so it has to be enhanced as a road, which means it
- 68 needs to be widened. Millhouse Way will be about 800 ft of road and is an extension to make the loop.
- The proposed roadway widths are 22 ft, the main road will have 2 ft gravel shoulders and then the other
- 70 2 roads will have 1 ft shoulders. The driveways are proposed to be 14 ft wide. Road slopes do not
- 71 exceed 10% and driveway slopes are limited to 12%. Mr. Vincent continued that the project was
- designed for 25 MPH design speed, with the exception of the intersections as there are three stop signs
- 73 proposed.

- 74 Mr. Vincent said that the proposed units will need septic systems and wells as there are no public
- utilities. Consistent with the prior design there are shared leach fields with up to 4 units per leach field.
- 76 There are a couple of leach fields that will have fewer than 4 units going to them. The unit that has been
- built already has a leach field and it will be used as a shared leach field.
- 78 Mr. Vincent said that the proposed buried electric, telephone, cable and data lines will follow the road
- 79 alignments on the outer side of the ditch.
- 80 Mr. Vincent said that there is a proposed cistern which will be a 30,000 gallon tank that will be
- accessible to the Fire Department for their use.
- Mr. Vincent said that talking to the Highway Director he asked for snow storage at the ends of the
- hammerheads which has been designed into the project.
- 84 Mr. Vincent said that they met with the Fire Chief and discussed the project with him. Chief Ruggles
- wanted to make sure that the cistern was going to be in place and seemed to be comfortable with the
- 86 loop concept. Mr. Vincent continued that they met with the Highway Director and his comments were
- 87 about the road slopes and the snow storage. He also wanted to make sure that there are provisions in
- 88 the plan to get the proper slopes to the leach fields, which they will do when they do their septic
- 89 submittals to DES. Mr. Vincent said that they did not meet with the Police Department but they did
- orrespond with them and he has received an email saying that they were comfortable with the design.
- 91 Mr. Vincent said that they met with Mr. Marquise briefly when they submitted the plans and talked with
- 92 him about the requirements.
- 93 Vice Chair Royce asked and Mr. Vincent confirmed that the project will be done in stages and that there
- is a plan of which sections will be completed first.
- 95 Mr. Butler asked and Mr. Vincent confirmed that the existing plan is grandfathered under the old
- 96 regulations. Mr. Vincent said that they are not planning on doing anything to the road as it is built and
- as far as he knows they were built to Town requirements.
- 98 Mr. Vincent said that they suggested to the owner to phase the project. To try and build the
- 99 infrastructure at once is expensive and it makes more sense to phase the project and build sections at a
- time over a period of years. Storm water management is important for this as it limits the amount of
- area that is disturbed at one time. Mr. Vincent explained the 4 phases to the Board and the work that
- will have to be done during all the phases.
- 103 Vice Chair Royce asked if there will be any issues with the work being done in phases and the loop road
- not being completed until the end if it creates a dead end issue. Mr. Marquise said that it does but
- originally there was a dead end situation and the Board accepted it, even though it was over the 1200 ft.
- 106 Mr. Vincent explained that part of the reason for the hammerhead / turn around areas is for this issue.
- 107 Mr. Vincent said that they are proposing building the cistern after Phase 2, during Phase 3. This means
- that there would be 4 duplexes in place before building the cistern. It was their understanding that this
- is what was approved in 2005. Vice Chair Royce asked if Fire Chief Ruggles is OK with that plan. Mr.
- 110 Vincent said that it is his understanding but they may need to make sure. Mr. Hirshberg said that it was

- their understanding of how it was phased before that the condition was that the cistern would go in
- after the first 4 units were in.
- 113 Mr. Vincent explained the grading and drainage to the Board as the project needs to meet DES
- 114 Alteration of Terrain (AoT) requirements and they have spent a lot of time making sure the storm water
- management and drainage is in place. Mr. Vincent said that what they are proposing meets DES
- standards. Mr. Vincent showed the Board on the Plans and continued to explain the storm water
- 117 management designs. They have designed the drainage plan to make sure that things are stabilized as
- they go. Because of the size of the project, an EPA Storm Water Prevention Plan is required. That
- 119 permit is typically secured by the contractor and is incorporated into the construction phase. Mr. Butler
- asked and Mr. Vincent confirmed that the drainage will need to be maintained. Mr. Vincent continued
- that the Road Agent was asked about taking over the roads and he said that he would be willing too,
- however, he does not want the responsibility of maintaining the storm water features such as the
- ponds.
- 124 Vice Chair Royce asked and Mr. Vincent confirmed that all of the buildings would be part of a
- 125 condominium association. Vice Chair Royce asked if the association has been formed and Mr. Hirshberg
- said that it has not. The existing duplex is under the ownership of the entire property. Mr. Hirshberg
- said that condominium documents have not been written. Vice Chair Royce said that the Board would
- 128 like to have a copy of the documents when they are written to ensure that the storm water
- management is maintained. Vice Chair Royce asked and Mr. Marquise explained that the conditions,
- such as reviewing the condominium documents, would be done before the Board signs the Mylar.
- 131 Mr. Vincent was asked and confirmed that the proposed units are meant to be sold. Mr. Hirshberg said
- that it is there understanding that the client wants to get everything approved so the property can be
- marketed to a builder or contractor as he does not intend on building the units himself. He wants to get
- it re-permitted so that he can sell the project. The unit designs that have been proposed are like what is
- there now as they felt as though they should stick with that unit design to remain consistent. The single
- units will be half of the duplexes. If a new owner wanted to use a different design, they calculated the
- 137 project with large footprints so that drainage wise they handle the impact a bigger unit may have. They
- understand that a builder may need to come back to the Board with a building design that is different
- 139 from what they have.
- 140 Mr. Vincent said that there is a proposal for plantings around each unit. The plan is modest but does
- include trees and shrubs. There is also a plan for limited tree plantings around the roadway alignments.
- 142 When this project was started they did do a lot of clearing in 2007; since the project was abandoned the
- area has grown up and there are a lot of saplings which have approximately 2" to 6" diameters. They
- are trying to maintain the areas and thin them to create a healthy forest and provide a natural
- 145 landscape.
- 146 Mr. Vincent said that they are not proposing any street lights. They do recommend building mounted
- 147 light fixtures for each unit.
- 148 Vice Chair Royce asked if the proposal includes a sign designating the specific development. Mr. Vincent
- said that there is one there now. Mr. Hirshberg said that he thinks that it is more of a sign board now
- but it is where the sign is intended to go and the intent is not to have the sign lit.

- Mr. Marquise asked about drainage near one of the ponds as it looks like it goes across the road to a spreader. He does not see that on C14 and asked if there were concerns about it being right above a septic area. Mr. Vincent said that they are concerned about that and this week they were analyzing a stretch of drainage runoff and decided that they needed to get some of the storm water to the other direction. The way they conveyed it is close to the leach field and they are now trying to work out a way to get the water so it is not as close to the leach field.
- Vice Chair Royce said that there are some significant slopes and that he does not see any retaining walls on the plan. Mr. Vincent said that the slope across the site is about 12% and while it is not flat it is not very steep so they were able to create the plan without retaining walls. They do have one diversion area that is about 9% slope and some of the driveway slopes are near 12% and they have roadside swales. They usually only build retaining walls if they need them and in this case they have been lucky. Mr. Hirshberg said that all of the houses are set up as walkouts and they have some where the drives actually go underneath; they are designed for slope sites.
- Mr. Marquise asked if the AoT permit will have inspection requirements. Mr. Vincent said that they will probably reference the EPA requirements, which require inspections every 2 weeks or every rainfall more a quarter of an inch. Also, if there are any significant construction changes they will have to inform the State. Mr. Hirshberg said that they have not been putting in their approvals that they need to do inspections.
- Mr. Markarian asked if the thinning of the trees will be done in each phase or all at once. Mr. Vincent said that he would imagine it would be done in each phase unless it makes sense to hire someone to do it all at once. Mr. Markarian asked if they will be working with a local arborist to remove the trees that are less beneficial to the area. Mr. Vincent said that he does think that they will need to hire an expert.
- Mr. Butler asked about the drainage calcs and if each phase is calculated to take on its own storm water.

 Mr. Vincent said that they are probably too big for any one single phase but anything they impact they
 want to make sure that they build drainage features downstream. They are going to build everything to
 the correct size when they build it.

Vice Chair Royce said that any Condo docs that are presented for approval could be changed by the next owner and asked how they would address it as a Board to ensure continuation of the maintenance of the drainage plan. Mr. Marquise said that it becomes a condition and if there is a problem the Board does have the opportunity to revoke the approval. Mr. Hirshberg said that there is another step in this process when they are doing over a certain number of units. At the Attorney General's (AG) office for a condo type project there are a lot of documents that are recorded and reviewed at that level. There is also a plan for each unit that is recorded before the units can be sold. Vice Chair Royce said that a concern of the Board is about when things start to sell and when the association starts to become responsible for everything. Mr. Hirshberg said that this is typically spelled out in the condo documents so all the buyers are aware of when it becomes their responsibility and not the developer's. Mr. Marquise said that even if the new condo documents go to the AG's office, they typically do not go back to the Board unless there is a new Mylar and there isn't a procedure for this. Vice Chair Royce suggested that the Board make a regulation that requires that new condo documents need to be presented to the Town for their review. Mr. Hirshberg said that the maintenance associated with the

storm water features have been recorded so that there is a trail if anyone purchases a piece of property in the project they are aware of the responsibility.

193 Vice Chair Royce asked if there were any abutters present to discuss the case and there were none.

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Mr. Markarian asked and Mr. Marquise confirmed the conditions of approval would be the condominium association documents and the Department Head sign-offs. Mr. Marquise said that with the size of the project he wonders if the Board should wait for the written comments from the Department Heads. Vice Chair Royce asked Mr. Hirshberg about the State permits and if he thinks they will have them for the next meeting. Mr. Hirshberg said that he does not think that they will because the AoT permit has 50 days from submittal to be approved or denied. Mr. Hirshberg said that one of the concerns that they had was that typically Mr. Landry gets the Department Heads to fill out their sign off forms but he has not been around. They made a point of going around to all the Department Heads and meeting with them but did not have the forms to have them sign off; ideally they would like to get the conditional approval. Mr. Marquise said that as they are waiting for State approval it would not hold them up for anything. Vice Chair Royce said that he thinks that it would be good to continue the hearing until the next meeting to get the sign offs and to see if they get any permits.

Mr. Burrows asked if a bond would be required for this project. For his client it would be ideal to have a conditional approval and then work their way up to the bonding phase. Mr. Marquise said that there will need to be a separate bond hearing and if they have the ability to put together the bond for the first phase, which would be what the Board would be approving, they could do that at the approval so they would not have to have a separate bond hearing. The bond would need to be calculated on an engineer's estimate of the infrastructure and 110% of the amount. Mr. Hirshberg asked and Mr. Marquise said that the bond would need to cover the roadways, the drainage structures, the waste water components, and the wells. Vice Chair Royce asked if they could continue the case to the next meeting and also hold the bond hearing at the same time. Mr. Hirshberg said that he thinks that could be done but asked when the bond will have to be in place and if it could be prior to the start of construction. Mr. Marquise said that if they wanted to avoid the hearing process he thinks that the bond will need to be presented when they present the estimate. Mr. Marquise said that if the owner just wants to sell the property then maybe the bonding isn't appropriate. Mr. Hirshberg said that looking at the Town's perspective he thinks that the bond would come from the actual developer prior to construction. Mr. Markarian said that his concern is that if the Board approves this as is how they would get the bond from the new developer if they are going to continue with the plan as approved. Mr. Marquise said that it may be an approval from the Board but not a filed Mylar because the bond needs to be in place before the Mylar is filed. Mr. Hirshberg explained that they need the Board's approval to move on to the AG's process, which they need to do before the owner can market the property. Mr. Marquise asked if they can go to the AG without a Mylar recorded. Mr. Hirshberg asked that as this is for a Site Plan Review if a Mylar would be recorded. Mr. Marquise said that he believes that they would as it is a PUD and that the AG's office would require it. Mr. Hirshberg said that for the AG process a Mylar gets recorded that shows the entire subdivision plus a typical unit design. Mr. Marquise said that the Planning Board cannot sign the Mylar for the AG's office until there is a bond in place. Vice Chair Royce said that he thinks that they should continue the hearing to the next meeting on October 1st to get additional information. Mr. Marquise said that he would also like to have the Department Head signoffs and any feedback from the State, though those could still be conditioned.

233 PARCEL ID: 0136-0018-0000: SIGN-OFF DRAWINGS AND MYLAR. LAKE AVE, BRUCE MCCARTHY.

Vice Chair Royce explained that though the Board typically signs Mylars at the end of the meeting, they are going to discuss the subdivision before proceeding with the sign off as there was a discussion at the last meeting about drainage and runoff from the property. Vice Chair Royce asked Mr. McCarthy for an update on the work.

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Mr. McCarthy started by apologizing to his neighbors for the problems that the construction of the site has had on their properties. Mr. McCarthy said that the 2 large rainstorms that recently occurred caught them without the site being completed with their drainage control system. As a result, water and silt escaped the site and caused some problems across the street from where they are located, specifically the Pasculano and Lowrie properties. Mr. McCarthy said that after each incident they have tried to remedy the problems. After the first one they expanded the swale nearest Lake Ave at the suggestion of Charlie Hirshberg and in addition to expanding it they installed some stone dams to act as filters. They also built a new swale at the foot of Lot 1 at the suggestion of Mr. Pasculano and it functioned well during the storm. Mr. McCarthy continued that they seeded and mulched a fairly significant part of the site, though they did not get it done in time for the second storm so they did have another incident so water and silt escaped the site. They have since completed drainage ditches along two of the new driveways leading to a new culvert which feeds into the retention pond that is in the center of the cul de sac and it should divert a fair amount of water that was going directly into the swale. They also got some input from Scott Hazelton, the Highway Director, as well as the Department of Environmental Services and as a result they installed a stone apron at the entrance to the site to prevent mud and dirt from being tracked onto Lake Ave by the truck traffic and construction vehicles. They have completed about 99% of the seeding and mulching of the site so just about everything is covered, though the question is whether it will be enough. Mr. McCarthy said that they have looked at several options and their engineer, David Eckman, is with them to talk about some of them. One option is to use the existing design and installation. Another option would be to substitute a new control structure at the outfall of the swale as there is some concern that it is not adequate. The third option is to expand the swale further and add the new control structure.

Mr. Eckman said that Mr. Hirshberg made some recommendations that they have implemented. Mr. Eckman explained that the storms came before the site was stabilized and before the management ponds were installed. They do have an extended detention pond at the cul de sac and a swale at the bottom. The original design was focused on treatment, they met the requirements and made it a little less than it was. Treatment means getting the sediment out of the first flush from a ½ inch storm and the swale was a treatment swale that would hold back on lower storms and balance other storms. Mr. Hirshberg recommended making the swale 3 ft wider. Mr. Eckman continued that the Board has a water shed plan that has a table on it that shows the analysis, which is obsolete now that they expanded the swale. Option 1 is what is built on the site, which is actually vegetated now and would be unfortunate to run an excavator on it. Mr. Eckman gave further explanation about this option. Mr. Eckman explained that Option 2 is a box outlet structure much like what was done in the cul de sac and is more focused on detention and knocking the peak down because it holds more water. Mr. Eckman said that the third option is go to in with an excavator and dig the swale out to the property line to make it as big as they can. He does not know if this would make a lot of different and he would hate to disturb the vegetation.

Mr. Eckman said that currently the only change that was made to what was approved was the extension of the swale and he has calculations for the Board. The other options came from brainstorming with the Highway Director. Mr. Eckman gave further explanation about the options and said that they want to do what they can to make it right.

Vice Chair Royce said that the Board appreciates the activity that has gone on and the attempts to fix the issues. As a Board they approve a completed plan and how the water leaves the site when the project is done. Some of the conversation from the last meeting was that these issues are happening during construction rather than when the project is completed. The Board normally doesn't ask for storm water management plans during construction, they hope that the construction managers control the issues during construction. The Board takes the information from the professionals that are hired by the land owners. Vice Chair Royce continued that as a Board he is not sure which way they will go other than looking at what they require in the future.

Mr. Marquise said that there are always 3 issues when it comes to storm water, one is the peak which needs to be addressed as part of their rules, another is quality and the other is volume, both of which are not part of their rules. Mr. Marquise continued that he was on the site with Mr. Hazelton, who is very much in favor of the control structure. Mr. Eckman said that he never got permission to tie into the Town's pipe and he used a swale which provided treatment for the first flush storm. They focused on treatment and now are thinking of trying to knock the peak down, which is why the box structure is a good idea. Mr. Eckman continued that Mr. Hazelton has said that they can tie directly into the Town's pipe. The box structure will fill up and hold the water rather than just letting the water flow out and it will offer some treatment as well. Mr. Eckman gave further description about the box structure.

Mr. Eckman said that the last option they looked at would be to make the swale bigger as well as use the box structure but he doesn't favor that option because the site is vegetated. The options need to be worked out with Mr. McCarthy, the abutters and the Highway Director, who has given his input. They have met the requirements and once everything is stable, it will function as designed. The pond and cul de sac didn't see water in the last storm and the storm before didn't have the swale constructed. A lot of progress has been made and grass is growing so they are almost to the point where everything is completed.

Vice Chair Royce said that he understands that there are people who would like to comment, however, he would like them to understand that while the Board is happy to take suggestions about what they should require in the future when requirements are met and approval is given there is little that the Planning Board has to do during construction of a project. They are willing to listen to the concerns, but asks that they consider the limitations they have as a Planning Board. Vice Chair Royce continued that it seems to him that Mr. McCarthy is attempting to address the issues, which is what they can all hope for.

Matt Lowrie of 313 Lake Ave gave the Board some pictures and said that there are a few issues. One is that there was an initial plan submitted and there were drainage calculations for that plan. When the plan was amended, the drainage calculations were never revisited. Another issue is that what happened on the site is not what is on the plan; there is more clearing, the roads are bigger, etc. Mr. Lowrie continued that what is being done has to be in the plan and it isn't. It is in the Board's authority to revoke a subdivision approval, which is what would ordinarily be done if the plan was not followed. He is not asking the Board to do that, however, he would like to see an existing conditions plan and the

drainage calculations for it. Mr. Lowrie said that he feels like there should be a verification process to
ensure that what is in the plan is being done and the Town should be a part of that. At the last meeting
they were told that it was being fixed, and it was started the next morning, but the problem was that it
was not good enough. The Town does not have the information that the plan was followed and is
correct. He does not feel as though the Town has done enough to protect his property.

Mr. Lowrie said that he requests that the Board not give approval until after they make sure that the plan was followed and everything is OK. Vice Chair Royce said that approval has already been given and Mr. Lowrie was noticed and had the ability to come and give his opinion on both the approval and the amended approval. None of the Board members are experts on drainage and they ask questions but their knowledge is limited. As a Board, they really don't have the ability to go to the site and make sure the plan is being followed properly. Mr. Marquise said that Mr. Landry does the enforcement and informs the Board of changes made but it is not something that has been brought to them. Vice Chair Royce said that they are currently talking about drainage during construction and not at the project's completion, which is what they approve. He feels as though the Board would need more information before they would decide to revoke the subdivision approval.

Mr. Marquise asked if the amount of clearing that has been done was on the plan. Mr. Lowrie said that the first plan for which the drainage calculations were done then had the street redone so there is greater area of street. There are retaining walls that are not in the plan, which does not concern him except for how they may effect drainage. On the right hand side of the property the water runs along the retaining wall to a drain that runs to the swale so there is no retention facility for all that water. Mr. Lowrie continued that he thinks that the driveways are different and a lot larger than what was called for in the original plan.

Mr. Lowrie said that he is not asking for revocation of the subdivision approval, he is asking for the Mylar not to be signed, though he is not quite sure what that means. He is asking for the approval not to be moved forward as they have not received an existing conditions plan and the new calculations.

Mr. Marquise said that normally in a subdivision they look at drainage but do not consider what happens on site because that is up to another individual. Mr. Marquise asked Mr. Eckman if he feels as though the additional clearing would have an impact on the calculations to the point where he would want to revisit the 3 options. Mr. McCarthy said that he does not think that there is additional clearing. Mr. Marquise asked if there additional clearing which was not considered part of the additional design because he knows that impervious surfaces have a tremendous impact. Mr. Eckman said that the W-S sheets have a table of the drainage. He did give Mr. Hirshberg a booklet of the calcs but they haven't changed other than from the widening of the swale. The booklet also contains the calculations for the other options. Mr. Eckman continued that a little bit of additional clearing shouldn't have an impact and he does not even know that it is outside the limits they proposed. He assumed the woods were in good condition so they calculated on the worst possible conditions. The soil is Group C and they only had to make it less in the proposed conditions, but they did more than that. It is not good soil condition and is probably close to poor, he would have called it fair, at best, so there are minimal changes.

Mr. Butler asked if the Town requires the owner and the engineers to give an as built where they can review what was approved to what is built. Mr. Marquise said that this may come up only in the releasing in the bond if they knew that something wasn't done properly. They do not usually ask for as

builts because outside the improvement, which is the road, they do not regulate what goes on in the individual lots. Mr. Butler said that he does know of other Towns that do require these and also check during construction to make sure that things are done as per the plan and that this may be something to consider in the future.

Mr. Hirshberg said that his concern is that when subsoils are exposed and cut down 8 to 10 ft there are different conditions than what is there for the surface soils. He has not seen the full calculations but his concern is the downstream receiving area is somewhat limited in its capacity to take on water and part of it has a flat gradient, which means that the channel may not have the capability to move the water fast enough and can cause issues downstream. Some of the flow is going subsurface to the Lake and part of the concern is that the materials that have been washed downstream may be clogging the soils because they have seen the runoff occurring in areas where it did not occur before. Mr. Hirshberg asked that if the bond is to protect, if it can it be applied off site if they need to correct situations that have changed. They don't know if things have changed below the surface and need to wait until after another event before seeing the issues.

Mr. Lowrie said that if the plans were followed they wouldn't have had the silt plume because the approved plans did have provisions for during construction protection of the properties. Though they do not typically require an as built, they do have a reason to now because it is indisputable that something went wrong during the construction phase and it shouldn't have happened. He is not looking to stop the subdivision but he wants to make sure that there is not a problem so he would like the as builts to see if the calculations are OK. Mr. Lowrie continued that at the last meeting he gave the Board a letter that said that the calculations were materially incorrect because they assumed wooded undergrowth and what was on the site was very different and the runoff would be faster.

Vice Chair Royce said that as a Board the as builts are not something that they are going to ask for or supply specifically to Mr. Lowrie as an abutter. This is not something that they require and they are not going to require it now. They may have a discussion about requiring them in the future but their responsibility is laid out in their regulations and those are what they follow and what the Townspeople have voted on. They are always happy to take suggestions and bring them to the voters to see if they want regulations changed. Vice Chair Royce said that what they as a Board right now can oversee they are attempting to do and if these problems occur they will attempt to learn from them.

June Fichter from the Lake Sunapee Protective Association (LSPA) said that she wanted to make clear about the damage that has been done to the Lake. Ms. Fichter showed the Board a picture of the water from a brook flowing into the Lake before and after the project was started and the sediment from after the last storm. She also showed photos of the silt plume going well into the Lake. Ms. Fichter continued that, while not on purpose, there has been serious damage done to the Lake. They are concerned about runoff into the Lake because it carries phosphorous, which feeds algae and cyanobacteria. Every week she receives notices from DES that portions of NH lakes and ponds are closed because of blooms and Lake Sunapee has had small blooms; they do not want the blooms to get larger.

Ms. Fichter said that she has two concerns. This evening she expected a plan; though they have been lucky this week, she would like them to fix the problem so there is not another blow out at the next storm. They also have some suggestions, one being that what could be instituted is to have an independent engineer look at the plans. She lives in Newbury and that is what they do; it is at the

expense of the land owner but it is an independent look at the plans. Vice Chair Royce asked if there is a specific distance from the Lake that spurs the requirement in Newbury. Ms. Fichter said that she is sure that it is within the 250 ft Shoreland but she is not sure if it is in the watershed area. Vice Chair Royce said that a lot of what they rely on is the State's regulations. Ms. Fichter said that the Board may want to look at their regulations and having erosion control plans throughout the watershed area. It is not just about the water quality, but also about intruding on someone else's property. Ms. Fichter said that Article 4.07 of the Subdivision Regulations does sound like someone was thinking about some of the cases where the Board may need special advice. Vice Chair Royce asked and Mr. Marquise said that it may have been used once or twice. Mr. Marquise continued that he thinks that Ms. Fichter has the right idea but what they may need to consider is that the plan is not the issue, it is the implementation that has created a problem. The proper thing might be that they have onsite review by an engineer during construction and then reported back to the Board at regular intervals; something to connect the contractor with the plan.

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Deb Pasculano of 323 Lake Ave gave the Board some pictures for their review, one being the check dam that she said will do nothing to reduce flow onto her property. Others pictures showed what used to be a clear stream on her property as well as her lakefront before and after. The water is not being controlled enough to not go onto their property. Mrs. Pasculano said that the Board said that they need Mr. Marquise or Mr. Landry to bring the problem to their attention and asked why it has not been brought to their attention because there is clearly a problem. The reason that the State was brought in was because she called them and said that there was damage to the Lake. The reason that Mr. Landry went to the site was because she called him and he talked to Mr. McCarthy about what needed to be done. Mrs. Pasculano said that she is concerned because she is leaving and will not be at her property to watch it and asked who will protect her property and the Lake as both have already been damaged. The Town has approved the plan and she does not feel as though her house should be flooded out because of something the Town approved, it seems as though no one is accountable. Mrs. Pasculano was asked how her property was damaged and explained that the water is widening her channels, it is overflowing, it has exposed her buried wires and if it continues flowing in its current state it will go into her house. Mr. Furlong said that the plan is for after it is constructed, not for construction, and the work is not done so it does not pay to get upset until it is completed. Mrs. Pasculano said that she sees the final thing and it is not working. Mr. Eckman said that not everything was built prior to the storms and all the flow from the site was going to the one spot. Mrs. Pasculano said that the second pond was built and did not do anything. Mr. Eckman said that the ditches were not built then. Vice Chair Royce said that he understands Mrs. Pasculano's concerns but damage to her property caused by another is beyond the Planning Board. Mrs. Pasculano said that she wanted the Board to understand what has happened because of their approval. Mr. Lowrie said that he does not understand how they approved something and have received complaints about what has happened on the site and yet are saying they can't do anything. Vice Chair Royce said that they have received multiple complaints and they need some sort of verification about the complaints. The Board would now need to have it verified that what is constructed on the site is not what was originally approved, and as a Planning Board it is not their role to go inspect sites. The enforcement side of the Town government is not the Planning Board. There was further discussion regarding this matter.

Mr. Hirshberg asked about the purpose and capability of the bond relative to damage to properties.

Vice Chair Royce said that he does not believe that the bond is there to cover someone else's property.

Mr. Marquise agreed and said that they can ask Town council but the usual intent of the bond is to
ensure that prior to the property being sold the infrastructure is there to service the properties. He
does not think that liability is an issue to the Town but is a civil issue. Vice Chair Royce said that it is not
the role of the Planning Board to be a court.

Mr. Lowrie said that Mr. McCarthy has offered to take care of the damages. However, he would like an as built with the calculations to see if they are going to get flooded again. The thing that was supposed to control the soil didn't work, though it was there during the storm. Mr. Lowrie said that he wants to hire an engineer to look at it for him so he can see where the water is running as there were two outlets on the first plan submitted and there is only one now. It seems to him that there should be a way of doing this without amending the regulations. Vice Chair Royce said that this would be an amendment to a regulation and would need to be voted on. Mr. Marquise clarified that though they have to go through a process, the Subdivision Regulations can be modified by the Board. Mr. Lowrie said that the Board is given the power to exercise judgement and they can ask questions without it being a regulation. The regulations do not constrain the Board in making reasonable requests for information or to make decisions. If they were to ask the Board to revoke the subdivision, they would be required to exercise due process in exercising their request, which may entail asking for an as built. Mr. Lowrie continued that he does not understand what signing a Mylar means but if it is a meaningful event the Board could ask for an as built before signing it. He does think that it is the Board's power to do it. Mr. Butler said that he recommends that the parties get together and work it out.

Mr. Marquise said that the Board has been asked to sign the Mylar, which allows it to be filed with the Registry of Deeds and allows lots to be sold. He would recommend that the Board of Selectmen not release the bond until all of the issues are resolved between the parties and to see if there will be a change in the outlet structure. There isn't a reason not to sign the Mylar as there is an approved plan and a bond in place. Vice Chair Royce said that his concern is about who would need to be satisfied before the bond would be released as he does not think that the Board would want to put it on abutters being satisfied before releasing the bond, he thinks that it should be that the Selectmen are satisfied with the resolution. Mr. Marquise said that he thinks that the Board can make the recommendation about who should decide and the past precedence is that the Selectmen have deferred to the Road Agent. The Board could also ask for a supplement to that such as an outside engineer. Mr. McCarthy asked and Mr. Marquise confirmed that the Board could do a partial release of the bond. Mr. Marquise said that in this case there are so many unknowns that he would recommend holding it all until there was some satisfaction to confirm that it is done according to the plan. Vice Chair Royce asked and Mr. Marquise recommended that the Board make a motion that the Mylar will be signed subject to the bond being held until satisfactory completion as decided by the Selectmen.

Mr. Markarian said that he has a question about the weir as they had to remove the material that was there when it was put in and there is no silt fencing at all. He used to work in the environmental business and they put silt fence everywhere. Mr. Eckman said that the plans show silt fencing everywhere and matting. Mr. Markarian said that a picture shows that there is none there so it is a straight run off and he is not sure that any has been put in since. He understands that there is vegetation put in but it is just starting and it is not filtering the way that it is supposed to. Mr. Eckman said that it is a treatment swale and the upper pond did not get any water but that it will. Mr. Markarian said that he is not worried about the upper pond as it is downhill from that there is no silt

- fence there. Mr. Eckman said that he designed it to have silt fence and the owner will have to be asked why there is none. He designed the plans but has not been involved in the construction. Mr. Markarian said that he sees a hay bale in the picture and when he worked in the environmental business any time he had a hay bale he always had a silt fence. Mr. Eckman said that DOT does not even allow hay bales any more.
- 488 Mr. Markarian said that another thing that he was concerned about hearing is that there was no tire 489 wash at the entrance of the project. Mr. Eckman said that it is on the plan. Cary Whipple from United 490 Construction said that there was a tire wash; as they went up through the different layers of the 491 subgrade they installed a tire wash each subgrade. Typically when you install the last 6 inches of gravel 492 it is a finish product and you do not put a tire wash there. The gravel was in place just before the storms 493 started and they covered up the tire wash just before putting the gravel in. Mr. Eckman said that the 494 DES inspectors came out and said that there was no construction entrance and he said that there was 495 gravel. She said that it was not enough so they put a construction entrance down on top of the gravel 496 for the road.
- Mr. Eckman went over his credentials for the Board and explained that this is a small project with no monitoring on it because it was not required. Mr. Markarian asked if there is a silt fence there now. Mr. Eckman said that they have a lot of erosion control measures now but that is more on the contractor. Mr. Whipple said that there is silt fence on site. Mrs. Pasculano said that it is not where they are talking about but is in other spots. Mr. Whipple said that to put silt fence there between the outflow and the 12 inch concrete pipe he felt was more disturbing than having the 10 ft zone, which is considered stable after they put the jute mat down, which is meant to stop the erosion.
- 504 Vice Chair Royce asked Mr. Eckman if the site looks like how it was designed. Mr. Eckman said that 505 there were ditches that were supposed to bring water to the upper pond which were not built when he 506 visited the site so no water got there for the last storm. The roadway looks good and pretty much per 507 the plan. He does think that there is a little bit of fill that was shifted onsite instead of removed and as 508 far as he can tell that is the only difference. The only concern that he has that he talked to Mr. 509 McCarthy about is the cut off ditches that bring the water around to the inner pond are supposed to be 510 2 ft deep. Mr. Butler asked if the road was surveyed and it was confirmed that it was. Mr. Eckman said 511 that there was only so much room because there was an existing driveway, which is where the swale is, 512 then the road, and a wall. The pond can't be completed because there is a telephone poll in the middle. 513 Vice Chair Royce said that he was just curious because there have been people saying that it is
- dramatically different from the plan. Mr. Eckman said that they are working some things out with the ditches but as long as they can get it go where it is supposed to by design it is going to work.

 Vice Chair Royce said asked if even though the flow that is coming off the site is less if it is more
- concentrated in one area now. Mr. Hirshberg said that he believes that there are two points of
 discharge as they have reestablished the second point of discharge. Vice Chair Royce said that they have
 been worried about the flow leaving the property and not how it has been leaving the site. Mr.
 Hirshberg said that he thinks that they are looking at the 2 common points of discharge, predevelopment and post-development and he believes that the points of discharge are in the same
 locations. Vice Chair Royce asked if you take a large area of flow and consolidate it into one smaller area
 if it has an impact on the overall volume leaving the site. Mr. Hirshberg said that it can if there are

multiple points of discharge and now it is being concentrated it could mean that you are seeing more water because it was being dispersed before. Vice Chair Royce asked if the Board should look at adding a regulation for this in the future and Mr. Hirshberg said that they should look at the overall area of discharge and the balance because, even if there is no net increase, there may be a one point where the discharge is increased. Mr. McCarthy said that Mr. Hirshberg said that there were points that he could not see and asked where this is. Mr. Hirshberg said that on Mrs. Pasculano's property there is a channel that goes through the property and at some point the water infiltrates into the ground and travels in the ground to the Lake for a fair distance. There is sediment that has been carried onto her property and they do not know if the sediment has caused a blockage because they cannot see it. Mr. McCarthy asked if there was a way to put a camera down and see if it is clogged and Mr. Hirshberg said that he does not think it is that easy because it is not a culvert, it is just void spaces between rocks. Mr. Lowrie said that before the water did not go onto his property but during the last storm it is going over the surface of his property. Mr. Hirshberg said that previously the way that it was running was that it traveled under the surface to the Lake and they did not see it on the surface. They don't see the sediment until it is in the Lake. Mr. Marquise asked and Mr. Hirshberg confirmed that with an AOT application they look at the volume. Mr. Hirshberg said that because they are in the construction phase they are concerned about what is moving until it is stabilized. Mr. Eckman said that they did apply a lot of the AOT techniques such as the pond but it hasn't operated because it wasn't built. Mr. Marquise said that his question was about the volume and amount of water going down. The Board has no requirements about it so it was not part of the numbers. Mr. Eckman said that they are looking at volume metric flow and that it is a C soil so a lot goes off in the existing so the difference between a few gravel driveways and what was there isn't that drastic; the volume difference will be small. Mr. Marguise said that for the Board going forward he is wondering if this is something that they should be addressing. Mr. Eckman said that Lake Sunapee doesn't have a volume problem, which is why he focused on treatment and treating the first flush, not on walking the peak down. This is why they are trying to decide if they want to knock the volume down or just concentrate on treating it. They have met the Board's requirements and are happy to work with them to make changes, which is why they have the 3 different options. He was not aware of the holes and water going into the ground and may have concentrated more on infiltration if he had known about it.

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- Mr. Butler asked and Mr. McCarthy confirmed that his intent is to sell the lots. Mr. Butler said that he recommends that Mr. McCarthy rectify the problems before selling the lots because the repercussions could come back to him.
- Mr. Hirshberg said that one question that he had about the development is if the individual house lots have to address their own runoff onsite or if it is figured in. Mr. Eckman said that what he did was that the new houses are supposed to be infiltrated by catching the roof runoff and putting it into the ground. Other than that, they assumed a certain area of lawn and driveway, which are included in the analysis; they did not put a requirement of placement for the houses and driveways.
- Mr. Osborne made a motion to proceed with the signing of the Mylar for Parcel ID: 0136-0018-0000, sign off on the drawings and Mylar for Lake Ave, Bruce McCarthy with the condition that the Board of Selectmen holds the bond until site conditions meet the approval for the drainage, at which time they can release the bond. Mr. Markarian seconded the motion. The motion passed with six in favor and one opposed (Mr. Furlong).

566	PARCEL ID: 0237-0025-0000: SITE PLAN REVIEW / PUD (PLANNED UNIT DEVELOPMENT):		
567	RECONFIGURE ORIGINALLY APPROVED "PRESERVE OF MT. SUNAPEE" DUPLEX CONDOMINIUM		
568	PROJECT INTO A NEW RESIDENTIAL CONDOMINIUM DEVELOPMENT CONSISTING OF FIVE (5) SINGLE		
569	FAMILY HOMES AND SIX (6) DUPLEX UNITS. BROOK ROAD SUBDIVISION, HP SUNAPEE, LLC.		
570	Mr. Burrows, the applicant's attorney, asked to confirm that notice has been provided to the abutters		
571	that the Board opened the meeting up to public comment, that no one spoke, and that public comment		
572	was closed. Vice Chair Royce said that the hearing did close but it will be continued to the next meeting.		
573	Mr. Marquise said that the Board did not formally close public input and thinks that public input is still		
574	open at the next meeting. Mr. Burrows asked and Vice Chair Royce confirmed that public input will be		
575	allowed at the next meeting, though he does not believe that it has to be renoticed. If anyone is		
576	interested they can read the minutes and then come to the next meeting.		
577	PARCEL ID: 0133-0093-0000 & PARCEL ID: 0133-0094-0000: SIGN-OFF ON DRAWINGS AND MYLAR:		
578	SUBDIVISION / ANNEXATION. 34/36 RIVER RD, SOO-NIPI REALTY TRUST.		
579	Mr. Marquise said that there are no issues with this and he believes the Board can just sign off on the		
580	Mylar at the end of the meeting.		
581	PARCEL ID: 0136-0067-0000 & PARCEL ID: 0136-0010-0000: SEEKING APPROVAL FOR MERGING TWO		
582	(2) LOTS. 363 LAKE AVE, ROGER & JERENA DIK.		
583	Mr. Marquise gave the Board copies of the map for their review. Mr. Marquise explained that the Dik's		
584	owned the property on the Lake side, Lot 67, and recently bought Lot 10, across the road, and they want		
585	to merge the properties. Merging two lots across the street from each other is allowed and there is no		
586	building on Lot 10 so there is no Zoning violation, they are bettering the lot size. Mr. Marquise		
587	continued that he spoke with the attorney who prepared this, Michael Chiarella, and advised him of the		
588	negatives because once it is together it can't be split apart without going through the subdivision		
589	process but they want to proceed. Vice Chair Royce asked and Mr. Marquise said that they do not go		
590	over completeness for these cases, it is not a regular noticed hearing. Vice Chair Royce said that his only		
591	concern would have been if the owners wanted to split the lots in the future but this has been		
592	addressed.		
593	Mr. Markarian made a motion to approve the merger of Parcel ID: 0136-0067-0000 and Parcel ID: 0136-		
594	0010-0000, approval of merging two lots at 363 Lake Ave. Mr. Furlong seconded the motion. The		
595	motion passed unanimously.		
596	PARCEL ID: 0136-0075-0000: REVIEW TREE CUTTING PLAN FOR APPROVAL TO CUT MORE THAN FIVE		
597	(5) TREES IN A YEAR: ARTICLE IV, SECTION 4.33-(B)-(8)-B-I-(2). 217 BURKEHAVEN, AL & DEB		
598	MATTHEWS.		
599	Vice Chair Royce said that he was told that this application was pulled. Mr. Marquise said that he was		
600	not left any information on this hearing and no one is available to present it. Vice Chair Royce tabled		
601	the case.		

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MISCELLANEOUS: COSMOS ALLIANCE TRUST

603 604 605 606 607	Mr. Marquise explained that for this case the owners have decided not to do any cutting within the 150 ft so they do not require permission from the Board. Vice Chair Royce said that his concern is that the Board did request that they come back and asked if Mr. Landry would be the one to verify and enforce if there is cutting within the 150 ft. Vice Chair Royce said that he drove by the site and there was a lot of trees taken down within two days after the last meeting.		
608	MISCELLANEOUS: PLANNING BOARD TRAINING		
609	The training was postponed until the October meeting.		
610	Changes to the Minutes from the August 6, 2015 meeting:		
611 612	Mr. Markarian made a motion to accept the minutes as written. Mr. Butler seconded the motion. The motion passed unanimously.		
613	MISCELLANEOUS: FUTURE MEETINGS		
614 615 616 617 618	Mr. Marquise explained that it is the time of year where the Board will need to start discussing Zoning Amendments. He asked Mr. Landry if the Zoning Board had anything and has not been given anything yet. They like to have the public meeting in November. Mr. Marquise continued that the only thing that he has been thinking about is the tree cutting, which has been the same for the past 22 years and there is some question about if it is still necessary as the State has regulations about it.		
619 620 621 622 623 624	Vice Chair Royce said that he thinks that based on this meeting the Board may want to consider the regulations about during construction drainage, especially as they found out that a property not within the Shoreland distinction can affect the Lake. Mr. Marquise said that it does not have to be part of this process as it is not a Zoning requirement but the Board could ask the LSPA and Mr. Hirshberg to come in and talk to them about things that could be changed or added to the rules. It will need to have a public hearing, but does not need to go to the voters.		
625 626	Mr. Markarian made a motion to adjourn at 9:42 PM. Mr. Butler seconded the motion. The motion passed unanimously.		
627	Respectfully submitted,		
628	Melissa Pollari		
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630	Planning Board		
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632	Peter White, Chairman Tanner Royce, Vice Chair		
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634	Donna Davis Larrow Kurt Markarian		
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636	Richard Osborne	Shane Hastings
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638	Suzanne Gottling, ex-officio member	Joseph Butler, Alternate Member