1		COUNTY	OF ALBAN	1Y
2	TOWN OF COLONIE			
3				
4	**************************************	HASE 5		t * *
5	REVIEW AND ACTION ON :			<b>+</b> **
6	THE TAPED AND TRANSCRIBED MIN	UTES of	the abo	ove
7	entitled proceeding BY NANCY S commencing on October 12, 201			
9	the Public Operations Center Road, Latham, New Yo		<del>-</del>	ına
10	BOARD MEMBERS:			
11	CHARLES J. O'ROURKE, CHAIRMAN			
12	PETER GANNON MICHAEL SULLIVAN			
13	LOUIS MION TIMOTHY LANE			
14	TOM NARDACCI PAUL ROSANO			
15	ELENA VAIDA, Esq., Attorney fo Board	r the E	Planning	
16				
17	Algo progent.			
18	Also present:			
19	Joe LaCivita, Director, Planni Development	ng and	Economic	2
20	Brad Clark, Barton & Loguidice			
21	Victor Caponera, Esq.			
22	Melissa Courier, C.T. Male			
23	Paul Scampini			
24				
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1 CHAIRMAN O'ROURKE: First on the 2 agenda this evening, we have Archmont 3 Knolls Phase 5, Champagne Court and Fort Vaux Lane. This is a 32-lot 5 residential subdivision review and action on final plan. C.T. Male will be speaking for the applicant. MR. CAPONERA: Chairman, and esteemed 9 members of the Board, many of you know 10 that I'm Victor Caponera. As the Board 11 knows, back in July there were questions 12 raised about storm water. The Board asked 13 Barton and Loquidice to review it, and 14 they have. There has been a lot of work in that area. You'll hear from Brad Grant 15 16 that those issues have been resolved. A 17 storm water retrofit project will be 18 installed and we're looking at this final 19 plan for Archmont Phase 5, which as most 2.0 of you know, is a 32 lot residential 21 single family subdivision which is the 22 last phase of the Archmont development. 23 Most of you know that it borders Swatling 24 Road and Haswell Road. 25 These lots are of fairly significant

size. A lot of them are huge lots over 100,000 square feet. The lots, as you look at them, have real significant conservation easements on them. In the covenants that run with the land, this language is relative to the inability of people to construct anything or build anything. This is all in these covenants that run with the land.

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In various discussions that I've had with the Town Designated Engineer and our engineers, since we have concept approval on this project in 2002, the road here is proposed to be 36 feet wide. The Town, I believe, in 2007 changed its roadways within residential subdivisions to 32 feet wide. This proposal is a 36 foot wide.

Also, when we were here approximately a year ago, the Board asked Brad to locate the storm water on this particular phase; and he has. Since 2007 - and Brad you can correct me if I'm wrong on this - I believe that there has been some changes in the standards in terms of storm water in terms of what we have to now attenuate

for in a significant storm. Of course,

Brad has looked at that and he has

discussed this in detail with C.T. Male. I

spoke specifically with the gentleman that

works for C.T. Male who does their

hydrolic or storm water. They've been

working hand in hand with this.

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So, other than that, I've reviewed all the documents that Joe sent me from all the other departments that looked at this. All the other departments in the Town are satisfied with the project and they have no problems with the final site plan approval. However, the Board has to consider the 36 versus 32 foot width, as well as the changes to attenuate the new requirements on the storm water drainage that Brad will speak more on. Potentially that's it. We've already been through this before and I don't want to waste too much of your time.

CHAIRMAN O'ROURKE: Brad, could you explain to both the Board and the public the retrofit on page three that occurred between the Town, C.T. Male and the

developer and explain to the folks how we're fixing that situation?

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MR. GRANT: Absolutely. Potentially, the current phase in the Archmont project had issues with flooding in back yards. We analyzed the storm water management report for the first three phases of that project and essentially determined that there was hydrolic capacity for getting the storm water to the detention basin. There is a large detention basin just east of the Phase 3 development. Unfortunately, not all of that was getting there as it should and creating some short-term ponding situations that were of some significant concern in some back yards. There was a lot of photos taken and obviously some of the larger storms last year in July that was probably the 100 year storm where you might expect some short-term flooding in areas of the Town. Even less storms are creating some issues. We created a model and worked hand in hand with C.T. Male and did some field investigations.

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We looked over some record plans and

1 the subsequent remedy for this was to put 2 in some parallel drainage capacity with 3 new drainage parts to supplement what's already there now and trying to keep the 5 hydrolic down below in the pipes where 6 everybody expects it to be and not creating some surcharge conditions in yards that would be a danger to people and 9 to properties. The flooding was short 10 term. The Town has accepted and has done 11 some repair work to the drainage system. 12 It really needed a larger capacity pump. 13 That's what was the result from our 14 modeling and efforts to do that. 15 C.T. Male has since taken the model 16 and has performed field surveying to 17 document existing conditions and 18 elevations and easements and made the 19 model a reality in a plan that we have 2.0 looked at. The conceptual plan has a few 21

comments and details that have been put on. I think that we're virtually there, other than coming up with what we're going to do at the end of the pipes inside the basin. The grades inside the basins are

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1 amendable to the peak flow. The Town has 2 basically been very cooperative of the 3 exchange of information and efforts to mitigate this flooding issue. The Town has 5 furnished the pipe. C.T. Male has created 6 the design on the field survey. I would anticipate that could happen soon, I believe. The pipe might even be on-site. 9 When I was up there yesterday, I saw a 10 load of pipe. That might be something 11 entirely different. I don't know. 12 CHAIRMAN O'ROURKE: At this point, 13 anyone with questions in regard to this 14 portion of the Phase 3 retrofit - if you 15 have questions specific to that Phase 3 16 retrofit, I would ask anybody in the 17 audience to raise their hand and speak 18 now. 19 MR. SCAMPINI: My name is Paul 2.0 Scampini and I'm the owner of the property at 5 Cambrai Drive. Just to be clear, it's 21 22 my understanding that the pipe will run 23 from the storage drain in the corner of my 24 back yard continuously all the way

through, and there will not be any

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1 drop-off. MR. GRANT: Correct. There will be a 3 new catch basin next to the existing one within that easement and there will be 5 plenty of inlet capacity there. We're increasing the size of the one that comes in the back of your yard to an 18-inch pipe to that backyard drainage, and then a 9 new 36 down into the basin. 10 That should be a larger pipe coming 11 into -- coming into Cambrai? 12 MR. GRANT: No. There is still the 13 existing pipe. In analyzing this, a lot of 14 it had to do with a backwater effect from 15 the road coming back to the property. By 16 lowering the hydrologic grade, there is 17 going to be a lot of water rushing through 18 at some point. There is no doubt about 19 that. It needs to be least the 10-year 2.0 storm and then quite a bit more. 21 MR. SCAMPINI: And with the grade, 22 the water will run all through there? 23 MR. GRANT: Yes, but ultimately a big 24 part of the remedy is a 36-inch pipe 25 supplementing drainage to get it away from

1	Cambrai and into the catch basin.
2	There was a question: We have a lot
3	of rain, but it doesn't seem to be a lot
4	of water in the detention basin. We're
5	going to get you out of the detention
6	basin business and put it with the Town,
7	where it belongs.
8	MR. SCAMPINI: On behalf of all of
9	the residents in my neighborhood, I want
10	to thank everybody for the work they've
11	done.
12	CHAIRMAN O'ROURKE: No problem.
13	Anybody else have comments or
14	questions on the retrofit issue on
15	Phase 3?
16	(There was no response.)
17	CHAIRMAN O'ROURKE: Then we go to the
18	Phase 5 application, which is certainly a
19	separate entity. When the applicant was
20	last before us, we asked that the Town
21	Designated Engineer to look at anything
22	that would be dedicated to the Town after
23	development.
24	So, Brad, if you would, why don't you

talk about some of the infrastructure

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1 issues that we have come across and where 2 we need to go from here? 3 MR. GRANT: Victor, I think that you had your facts pretty defined. The only 5 difference was that the higher rainfall amounts and the narrow road section. I believe that was for 2008, and not 2007. The design plans really go back to 2007 - their origins and original plans 10 probably started in 2002. So, some things 11 have changed. Specifically, as C.J. 12 mentioned, the Town standard road section 13 had diminished from 36 to 32 for this type 14 of development. Storm water is one of the 15 reasons for that. The goal, and as we 16 understand storm water more and try to 17 manage it better, is to limit how much 18 impervious area we have out there with 19 respect to water. This is one nod towards 2.0 the new development as they are going to 21 the 32-foot wide road. 22 We're in the middle of other phases 23 and I would recommend that there wouldn't 24 be a reduction in the pavement. It would 25 be an awkward thing to be going along the

road and have a 36-foot wide road and transition to a narrower cross section and then go back to the 36. As the map shows, there is essentially two stub streets;

Champagne Court and Fort Vaux Lane. I will ask someone the history of that before the night's over. There is some savings in the asphalt. There is also less storm water run-off generated by less asphalt and that's more amendable to treat the storm water before it's released.

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At the top of the page there is a storm water basin and that's Lot 6 next to the drainage that discharges into the main of the creek that flows down into the dry river dam in Watervliet. That's the regional water control for this whole water shed.

In going through the design elements, the other major thing that has changed since 2008 is the run-off value for the various storms to design storm water management systems. Currently the 10-year storm is a four and a half inch rainfall over 24 hours and the 100-year storm is

1 6.2 inches, which does exceed what the
2 2007 storm water management design was.
3 The goal is that there is proper treatment
4 for the water quality, and in particular
5 the water quantity in the basins, and that
6 they meet the DEC design standards and
7 they effectively control and manage the
8 storm water within those requirements.

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There is a review of some of the opportunities in two parts. The first one is the actual subdivision it. Basically, the first thing that I looked at was there was a side yard drainage at the cost of a few lots. The concern was that you have some road drainage going through lots and it could be detrimental to Archmont 3. The answer is that it's a different animal. We aren't taking two full phases through people's back yards. It's a modest amount of drainage on the upper part of Champagne Court. Its 15 inch and 18 inch versus 30-inch pipes. There is a significant difference there.

We looked at the numbers and there are some housekeeping items on the plan

that have some suggestions on the final.

The storm sewer - keeping the same size pipe, eliminating the surcharge condition, and trying to keep it underground where it belongs. Also, put some under drainage with two catch basins in the back there.

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Archmont 3 is a funny site, but it has it's areas and any opportunity I see to put a 10-foot under drain to help control groundwater is a good thing. There are a few opportunities to do that.

I'm confident about the drainage easement. One of the alternatives was to not have that easement, and then treat it all the way down Fort Vaux Lane. You'd still need backyard drainage there anyway in those lots. Where those two drainage pipes are joined, there are some areas where I'd like to increase the hydrolic capacity in the sump basins.

Pipe sizing on the lower part of Fort Vaux -- before we go into the storm water basins, we'd need a re-evaluation of the pipe sizes and keep the water in the system. For a 10 or 25-year storm, we like

1 to keep those down below the ground. With 2 a 100-year storm we know that everyone 3 suffers with those. There was again, some housecleaning 5 items on the plan, but the biggest thing 6 was for the pavement width and the storm water management. In looking through the plans, I had 9 some comments. One of the things that this 10 has going for it was the storm water basin 11 discharges into a fairly deep drainage 12 area and shortly thereafter it connects 13 into a stream channel. The point of 14 discharge is basically rock and is 15 basically shale. I just want to make sure that all of our collections and capacities 16 17 are up to snuff. 18 CHAIRMAN O'ROURKE: How long would it 19 take after -- it's my understanding, 2.0 Mr. Caponera, that your client does want 21 to redesign? 22 MR. CAPONERA: We would prefer, 23 obviously, to add that in this plan. But 24 we understand the comments in terms of 25 what you're looking for.

1	CHAIRMAN O'ROURKE: Right, but you
2	would be looking for waivers.
3	MR. CAPONERA: Exactly.
4	CHAIRMAN O'ROURKE: And honestly, for
5	the storm water, it would make sense in
6	terms of my understanding - certainly I
7	think that the Town Designated Engineer is
8	kind of looking to advise the Board that
9	it needs to be redesigned.
10	MR. CAPONERA: Again, we can ask the
11	Board for the waivers, but my sense is
12	that you probably would want to be
13	listening to what the TDE is saying.
14	CHAIRMAN O'ROURKE: So honestly, to
15	handle this in the most expeditious
16	fashion, which I'm sure the applicant
17	would want us to do, I think that what we
18	need to do is after the Board were to ask
19	their specific questions, is to narrow it
20	down how much time we need to get this
21	re-engineered and get it back before this
22	Board for a vote. Does that seem fair?
23	MR. CAPONERA: Yes, and I think my
24	understanding is that it doesn't have to
25	go through all the departments now. It

Τ	goes right to Brad.
2	CHAIRMAN O'ROURKE: That's correct.
3	MR. CAPONERA: Because in years past,
4	that, unfortunately, has been a black hole
5	and I think that you're aware of that.
6	CHAIRMAN O'ROURKE: That's correct.
7	The only items that I had asked the Town
8	Designated Engineer to look at were the
9	infrastructure items. More specifically,
10	the roads and the storm water that they
11	Town would eventually own. So, in terms of
12	those things, I do have some questions
13	when it's my turn to go over with
14	C.T. Male, but in terms of those two
15	redesign items, I think that it would be
16	prudent to get it done expeditiously for
17	the applicant.
18	MR. CAPONERA: We'd like to get it
19	approved as quickly as possible so that my
20	client can work on his project.
21	CHAIRMAN O'ROURKE: Just to be on the
22	record as well, does that hold up the
23	Phase 3 retro at all?
24	MR. CAPONERA: So long as we have an
25	understanding in terms of moving guickly

1	on this thing and getting back in. I'd
2	like to get back in within a month to have
3	the Board act on this and I know that a
4	lot of it depends on C.T. Male's work.
5	CHAIRMAN O'ROURKE: Brad, is that
6	reasonable? If they were to get you the
7	re-engineering - you need a week?
8	MR. GRANT: Yes. I'm going to need a
9	week to look at it. We could potentially
10	be in front of the Planning Board a month
11	from now.
12	We talked about this and I normally
13	wouldn't advise this, but there are
14	essentially two elements of work. One is
15	the hydrology and the amount of rework of
16	the design engineers with narrowing the
17	road. I don't need to stand in anyone's
18	way for that process.
19	CHAIRMAN O'ROURKE: No, that's not a
20	big review for you. That's more on the
21	engineering end.
22	Mr. Caponera, that's something that
23	you'd have to ask your engineering firm if
24	they'd be able to get that work to the TDE
25	within a couple of weeks to get you back

1	in a month.
2	MS. COURIER: In regards to the
3	hydrology, we can start that first.
4	CHAIRMAN O'ROURKE: Honestly, in the
5	review of your road, it's two and a half
6	hours. It's more that you have to cut on
7	everything and that's every page.
8	MS. SCAMPINI: What can I expect to
9	see with this retrofit?
10	CHAIRMAN O'ROURKE: We're going to
11	get that answered. I'm waiting for my
12	turn.
13	Tom?
14	MR. NARDACCI: I guess with regard to
15	the issue of Phase 3, even though tonight
16	we're talking about Phase 5 - I'm glad
17	that everyone was able to come together.
18	Clearly, the audience that was here and
19	I reread the transcription in July of 2009
20	and it was a pretty big crowd. Folks had a
21	lot of concerns and clearly the Town
22	listened, and the developer listened, and
23	the engineers listened, and I was glad
24	that everyone could come to hopefully a
25	resolution on this.

I haven't been that thrilled about the time frame, though. I would be remiss if I didn't say this. In looking back to July of 2009, that night I said, how much time are we talking about? It's right here in the transcribed minutes. It says three weeks. I haven't been involved in the day to day here, but July of 2009 until today just seems pretty unrealistic and I'm not going to cast dispersions or point fingers. I just think that we should do a better job of moving things forward, overall. That's for everyone; for the residents as well as for the developers. This is someone who is missing building seasons. With regard to Phase 5, itself, as I

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With regard to Phase 5, itself, as I said in 2009, tonight I'm very pleased with this development. I think that the changes make a lot of sense. The roadways make it consistent. Like Brad said, if it was in the middle of a development, it wouldn't make sense. This clearly makes sense and to have him have a chance to go over the hydrology makes sense for a

1	delay. Hopefully we can get right back in
2	though. We have done it with other
3	projects and I think that we're starting
4	to get this where if we have changes,
5	let's not hold people up for a year or so.
6	Overall, I think that the Town needs
7	it. I think that it's a good project. I
8	think that the homes make sense. I think
9	that the other phases are beautiful homes
10	and have sold well, and I think that these
11	will sell well too.
12	No questions. Just a few comments.
13	CHAIRMAN O'ROURKE: Paul?
14	MR. ROSANO: I have nothing, thank
15	you.
16	CHAIRMAN O'ROURKE: Lou?
17	MR. MION: Nothing, thank you.
18	CHAIRMAN O'ROURKE: Tim?
19	MR. LANE: It makes perfect sense to
20	reduce the asphalt. That certainly seems
21	like a logical thing. Having less
22	impervious area and the way that affects
23	the storm water all works together.
24	CHAIRMAN O'ROURKE: Mike?
25	MR. SULLIVAN: I, too, would like to

1	see a review of the final.
2	That's all I had. Thank you.
3	CHAIRMAN O'ROURKE: Thanks, Mike.
4	Peter?
5	MR. GANNON: Brad, you were kind of
6	nonchalant about the fact of what needs to
7	be done at the end of the pipe. I think
8	that's something that's a pretty important
9	part of the system.
10	MR. GRANT: There will be a lot of
11	storm water going down those pipes, in
12	addition to the pipe that's an existing
13	structure inside the fence around the
14	detention facility. Instead of cutting a
15	hole in the side of it, it will let more
16	water out instead of backing up and
17	surcharging into people's yards. The
18	release of that storm water is energy. To
19	avoid erosion within the detention basin
20	and maintenance issues, it needs to be
21	dissipated.
22	MR. GANNON: Is that something that
23	we can count on what you feel the solution
24	is?
25	MR. GRANT: That's ongoing. I've

1	e-mailed Jim with some suggestions as to
2	what that could be. We recognize the need
3	for energy dissipation and one of the
4	typical arrangements is riffraff armoring.
5	At one time I was looking at older maps
6	that seem to have more slopes in the
7	basin, but the grades are fairly flat and
8	if you can get that energy reduced, it
9	would run off within the basin.
10	MR. GANNON: My point is that in my
11	former life when I was at Town Hall, I had
12	discussions with Mr. Scampini and I don't
13	want to see anybody have to deal with that
14	again.
15	MR. GRANT: I'd like to thank C.T.
16	Male for a very cooperative effort and the
17	modeling and looking at it in the field
18	and helping to make it successful. This
19	will be a successful solution.
20	CHAIRMAN O'ROURKE: I have just a
21	couple of things.
22	Mr. Plant is no longer on this,
23	right?
24	MR. COURIER: He's one of our
25	environmental people -

1	CHAIRMAN O'ROURKE: Just to bring
2	this up to speed - This is one of the
3	Department of Environmental Conservation
4	letters dated June 8, 2009.
5	"Our data base is continually growing
6	as records are added and updating this
7	proposed project is still under
8	development. We recommend that you contact
9	us again, then we may update a response."
10	If you could just do that with the
11	final submission to update this?
12	The lots with additional slope
13	stabilization - can you point those out to
14	me, Melissa?
15	MS. COURIER: Lots 18, 21 and 23.
16	There is actually a square on those. We
17	are required to come back for those three
18	lots.
19	CHAIRMAN O'ROURKE: What I would
20	suggest and again, I think that it's
21	important that anyone that would build
22	those lots - that it be in the deed in
23	terms of the slope stability so that they
24	understand that they're not bringing in
25	fill to put swimming pools in and those

1	types of things. I would ask that
2	certainly those lots in question are noted
3	as such in the deeds.
4	MS. COURIER: There is a conservation
5	easement, and these lots will have
6	covenants that go along with these lots.
7	That would definitely be there.
8	CHAIRMAN O'ROURKE: Those were the
9	only issues that I had.
10	I think that the Board is not in a
11	position to act tonight. We are going to
12	open this to the public in just a minute.
13	Joe, what's the date?
14	MR. LACIVITA: We try to hold it to
15	at least a month - November 16 <sup>th</sup> .
16	CHAIRMAN O'ROURKE: Would that work
17	for you, Mr. Caponera?
18	MR. CAPONERA: It would work for me.
19	The work would have to be done by C.T.
20	Male.
21	CHAIRMAN O'ROURKE: They could be
22	held to task.
23	Back to my original question,
24	Mr. Caponera; this will in no way effect
25	the Phase 3 implementation?

Τ	MR. CAPONERA: One really doesn't
2	have anything to do with the other, as you
3	already know. My client wants to get the
4	equipment there and be ready to go.
5	The other thing is that this time of
6	year, in terms of putting these machines
7	on property - Mr. Scampini will be the
8	most affected by it.
9	CHAIRMAN O'ROURKE: Anyone in the
10	audience have any questions or comments on
11	this project.
12	I'm looking for a motion to adjourn
13	this public hearing to the November $16^{\text{th}}$ .
14	Do I have a motion?
15	MR. MION: I make a motion that we
16	adjourn it to November 16 <sup>th</sup> .
17	MR. NARDACCI: Second.
18	CHAIRMAN O'ROURKE: All those in
19	favor?
20	(Ayes were recited.)
21	CHAIRMAN O'ROURKE: Opposed?
22	(There were none opposed.)
23	CHAIRMAN O'ROURKE: We will see you
24	November 16 <sup>th</sup> .
25	Brad, please stay in contact via

1	e-mail and at least two weeks from now let
2	me know where we stand on this.
3	Joe, what about public notice?
4	MR. LACIVITA: We'll send letters
5	around.
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7	(Whereas the proceeding concerning the
8	above entitled matter was adjourned at
9	7:40 p.m.)
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1	CERTIFICATION
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4	I, NANCY STRANG-VANDEBOGART, Notary
5	Public in and for the State of New York,
6	hereby CERTIFY that the record taped and
7	transcribed by me at the time and place
8	noted in the heading hereof is a true and
9	accurate transcript of same, to the best
10	of my ability and belief.
11	
12	
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15	NANCY STRANG-VANDEBOGART
16	
17	
18	Dated November 5, 2010
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