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**From:** Fogg, Steve  
**Sent:** Friday, April 16, 2021 4:12 PM  
**To:** Field, John F.; Cullen.Thomas; Sullivan, Rich  
**Cc:** Fava, David; Sweeney, Richard  
**Subject:** RE: 518 south ave comments

John – a few additional comments, sorry they did not get into the document that Rich prepared. I would be happy to discuss the general comments with you if their inclusion in official comments to the ZBA and/or developer might be seen as taking a particular position with respect to the project or the design.

1. General Comments/questions

- a. I would like to echo the comments made previously by the DPW Director and Deputy Director, in particular the concerns about water supply.
- b. The high degree of site development (buildings and underground utilities) is such that it appears to leave little room for adjustments due to unexpected field conditions. A review of the required setbacks of utilities from each other will probably result in having to shift other utilities.
- c. It appears that the subsurface sewage leaching area requirements are such that the system has to be in two separate areas (or is one a reserve area?). How was the area calculated? It seems to fit very tightly into the only two remaining spaces that are not occupied by stormwater infiltration systems, driveways, buildings or other utility lines. Presumably this system will be permitted by MassDEP under 314 CMR 5.
- d. I question the location of a stormwater infiltration system underneath the parking garage, out of concern for stability of the building foundation. I suppose that if the foundation design assumes saturated or partially saturated soils, than that question can be addressed.

2. Stormwater

- a. Parking garage is over one of the infiltration systems. How will the system be protected from the loading? How will the infiltration system be accessed and/or inspected?
- b. How will the roof runoff be collected – with gutters and downspouts, internal plumbing for drainage or other?
- c. Depending on the manufacturer, water quality units with inlets/grates can often be a problem with cleaning and maintaining. In our experience, units with inlets/grates perform less well than stand alone water quality units.
- d. The catch basins are in the center of the road, which will have the road graded as a swale in some of the driveway sections; a preferred and safer grading would be a crowned road or driveway.
- e. The infiltration system #4 may not have the required setback to the septic system SAS. Also the sewer line is almost touching infiltration system #2; there should be more separation.
- f. In the Report, the boundary lines for the subcatchment on the Watershed Maps are incomplete or not closed; or the lines are too light to see. Also, it is difficult to determine the time of concentration line from the soil type boundaries.
- g. Are there foundation drains for any of the buildings?
- h. There is a wall between the septic SAS and the porous pavement, but there should still be a minimum setback that would apply between the septic SAS and the porous pavement drainage.
- i. There is a drainage line from the court yard routed to the infiltration system; will there be catch basins or area drains or other stormwater collection in the courtyard?

By the way, I was contacted yesterday by Bob Michaud regarding the Route 30 Traffic Improvement Project plans, as I understand he is doing the peer review for traffic. I directed him to the Town website where the 25% plans and reports can be reviewed.

Regards,

Steve Fogg

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**From:** Field, John F.

**Sent:** Thursday, April 15, 2021 10:39 AM

**To:** Cullen.Thomas <cullen.t@westonma.gov>; Sullivan, Rich <sullivan.r@westonma.gov>; Fogg, Steve <fogg.s@westonma.gov>

**Cc:** Fava, David <fava.d@westonma.gov>; Sweeney, Richard <sweeney.r@westonma.gov>; Jane Fisher Carlson <duckfish27@verizon.net>

**Subject:** RE: 518 south ave comments

Tom and crew, thanks for these comments. I will let you know as we move forward any developments as they relate to the groundwater, stormwater, traffic, water supply, wastewater treatment, pedestrian access, ingress/egress-anything else?

Thanks again.

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**From:** Cullen.Thomas

**Sent:** Thursday, April 15, 2021 9:13 AM

**To:** Sullivan, Rich <sullivan.r@westonma.gov>; Fogg, Steve <fogg.s@westonma.gov>; Field, John F. <field.j@westonma.gov>

**Cc:** Fava, David <fava.d@westonma.gov>; Sweeney, Richard <sweeney.r@westonma.gov>

**Subject:** RE: 518 south ave comments

Rich,

The comments are fine. I thank you for sitting down with the internal DPW folks to look at the plan set and provide said comments. I would rather these types of comments get vetted now than later.

The comments also seem to address my initial concerns (see below in italics) on the email sent by John on March 25, 2021 as well:

*All (Engineering Division),*

*Could someone print out full size the utility plan / site plan for the subject project.*

*I would like our Department to go through the plans and provide comments to John Field for consideration, including but not limited to:*

- 1) *The Town's proposed TIP project and its relationship to this proposed project. Are there any easements necessary or will be necessary in this area that could be conditioned (e.g. temporary construction, or drainage/flowage easements, etc.);*
- 2) *Have the utility issues been addressed as with all projects:*
  - a) *Spacing of utilities; Conflicts;*
  - b) *Proposed Water gates on Route 30; Looping of water main and responsible parties if and when there is a break;*
  - c) *Drainage issues at the area? On the surface is onsite drainage being addressed;*

- d) *Other utility impacts;*
- e) *Who has the burden of maintaining on-site hydrants;*
- f) *What is the timing on this project (e.g. would the utility work immediately if the project were approved tomorrow, etc.). This comment is mostly related to potential timing concerns relating to the TIP Project.*
- g) *If this project were to be looked at favorable by the Town could the project and the TIP project be used as a partnership to move the proposed TIP project through the State's funding process?*
- 3) *Sight distance coming in and out of driveways and other potential safety features such as decel or accel lanes into and out of complex. How is site lighting and entrance/exit lighting being handled;*
- 4) *Proposed landscaping along frontage and impacts to TIP project; How is the Route 30 corridor being improved from tree scape standpoint?*
- 5) *Is there a proposed bus stop along route 30 proposed. Is there one for the TIP project proposed;*
- 6) *Are there any "active" wells in the area?*
- 7) *Impacts from a water consumption stand point and its relationship to the water tank work and existing water mains in the areas?*
- 8) *Are there impacts from a school side of busing that would require additional bus infrastructure for the DPW to maintain? Can that be quantified?*
- 9) *From a traffic standpoint what are the impacts to:*
  - a) *Signal timing at 30/Wellesley Street;*
  - b) *Will there be impacts to the signal at Brown and Wellesley Street;*
  - c) *Other signal timing impacts further east;*
  - d) *Impacts to Highland Street and Winter Street and Pine Street and Wellesley Street – traffic volume question?*
  - e) *A peer review may be in order depending on what is produced by the developer's engineer;*
- 10) *I believe we have provided comments in the past, can those be reviewed and adjusted based on the proposed plan and the comments/questions above?*
- 11) *Check with Highway/Stormwater and Water Division to see if there are any outstanding ongoing issues in this area that should be addressed as well.*

John,

Please let me know if you need anything else from the DPW. If the proponent needs information from the Town's consultant for the proposed Route 30 Roadway Reconstruction TIP project, please let me know. Note that the 25% plan set is currently available the Town's website.

**Tom Cullen, P.E.**  
 Director of Operations  
 Department of Public Works  
 Town of Weston

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**From:** Sullivan, Rich  
**Sent:** Wednesday, April 14, 2021 6:28 PM  
**To:** Cullen.Thomas <[cullen.t@westonma.gov](mailto:cullen.t@westonma.gov)>; Fogg, Steve <[fogg.s@westonma.gov](mailto:fogg.s@westonma.gov)>  
**Cc:** Fava, David <[fava.d@westonma.gov](mailto:fava.d@westonma.gov)>; Sweeney, Richard <[sweeney.r@westonma.gov](mailto:sweeney.r@westonma.gov)>  
**Subject:** 518 south ave comments

Hi All,  
 Attached is a very rough stab at comments on 518 South Ave.  
 I'm sorry as I ran out of time to edit and proof so I assume the thoughts read as if a 5 year old wrote them. Sorry, but you will all still understand.  
 Thanks, Rich