



Water Supply District of Acton

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DATE: December 11, 2015

TO: Town of Acton Planning Department

FROM: Chris Allen, District Manager

RE: Comments on 267 Great Road/SPSP #11/06/15-458

1. All water mains, services, appurtenances and installation of such must comply with Acton Water District (AWD) specifications.
2. Water main/service sizes are not annotated on the proposed plan. Since there is a proposed hydrant at the end of the main, it is assumed $\geq 6''$.
3. The proposed water main is far too close in proximity to the foundations of the proposed dwellings. This could be extremely problematic in the future where a line failure may cause excessive property damage. Survey of the proposed drawings indicates that this is to achieve the 10-ft separation from Sewer. AWD recommends that the buried infrastructure be relocated/reconfigured to maintain the 10-ft separation, and move the water main away from the dwellings.
4. A proposed "As-Built" plan of the water infrastructure must be submitted, reviewed and approved by AWD prior to any installation of said infrastructure.
5. A final "As-Built" plan denoting exact locations of all water infrastructure will be submitted by the contractor prior to filling of any water mains for pressure test or disinfection per AWD specifications.
6. The proposed development will require $>5,000$ Gallons-per-day (GPD), and/or the proposed connection to existing water infrastructure is $>2''$, the owner, or owner's representative, must submit a "Water Impact Report" per Appendix 2 of AWD "Rules & Regulations". This report shall be submitted and approved prior to the commencement of water infrastructure installation. Additional comments on water efficiency and use reduction will be reserved until the Report is submitted.
7. Wherever possible, US EPA Water sense philosophies should be implemented for best and highest indoor and outdoor water efficiency and minimization of water demand.
8. The need for irrigation at this project has not been indicated. Alternative sources of irrigation water should be explored, especially collection of rooftop runoff. AWD expects this to be addressed in the Impact Report.
9. All grass and plantings should be native and drought tolerant to reduce irrigation needs.

Respectfully submitted
Chris Allen
District Manager