

## Ben Caito

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**From:** Charles Anderson <cw\_anderson@verizon.net>  
**Sent:** Tuesday, July 27, 2021 11:52 AM  
**To:** Benjamin Caito  
**Subject:** Fwd: Willow Lakes Assisted Living

Sent from my iPhone

Begin forwarded message:

**From:** Kurt Stenberg <kaspe518@hotmail.com>  
**Date:** July 12, 2021 at 2:40:48 PM EDT  
**To:** "Couture, Robert (DBR)" <Robert.Couture@dbr.ri.gov>, "Mahoney, Christopher (DBR)" <Christopher.Mahoney@dbr.ri.gov>  
**Cc:** Paul Tierney <ptierney@bbuildllc.com>, Charles Anderson <cw\_anderson@verizon.net>  
**Subject:** Willow Lakes Assisted Living

Thank you once again for your assistance.

Kurt

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**From:** Couture, Robert (DBR) <Robert.Couture@dbr.ri.gov>  
**Sent:** Monday, July 12, 2021 2:18 PM  
**To:** Kurt Stenberg <kaspe518@hotmail.com>; Mahoney, Christopher (DBR) <Christopher.Mahoney@dbr.ri.gov>  
**Cc:** Paul Tierney <ptierney@bbuildllc.com>; Charles Anderson <cw\_anderson@verizon.net>  
**Subject:** RE: [EXTERNAL] : Willow Lakes Assisted Living

Ok thanks Kurt. Please let this email serve as preliminary approval for the water authority. If you need anything further let us know. Thanks.

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**From:** Kurt Stenberg <kaspe518@hotmail.com>  
**Sent:** Monday, July 12, 2021 12:26 PM  
**To:** Couture, Robert (DBR) <Robert.Couture@dbr.ri.gov>; Mahoney, Christopher (DBR) <Christopher.Mahoney@dbr.ri.gov>  
**Cc:** Paul Tierney <ptierney@bbuildllc.com>; Charles Anderson <cw\_anderson@verizon.net>  
**Subject:** [EXTERNAL] : Willow Lakes Assisted Living

Yes all is well with myself and family, thx for asking, hope the same for you and yours.

NFPA 13 will be utilized through the entire facility because although parts are Residential, there are multiple and Mixed "Fire Areas" as defined by both NFPA 1 and 101, Residential heads will be used in those areas approved by NFPA 13 for specific applications and areas.

In the third floors of both buildings I foresee the use of QR Extended coverage wet sidewalls (Residential heads provided calcs work) to eliminate freezing potentials and use dry sprinklers in pitched and vaulted non-conditioned areas. We will apply 250 GPM hose stream for the design and 0.1 gpm for the 1,500 Sq-ft for the Light Hazard Areas.

Those areas, (Storage and Utility types) will utilize the required 0.15 or 0.20 over the required sq-ft and provide those calculations as part of both the Initial Narrative and the Fire/Building Code Comprehensive Plan Review Document.

All required Fire Alarm devices required for the entire building will in accordance with NFPA 72 and RI State Fire Code, With NFPA 1 and 101 referenced Standards

The attached CC are Paul Tearney from Bentley Builders and Charles Anderson of the Willow Lakes Construction Team

Thank you for your assistance, we all realize how busy Public and Life Safety is in these challenging times.

Please contact any one of the three of us for any additional information you require.

Kurt A Stenberg, PE  
Building/Fire Code Consulting Engineer  
FP FA Engineer

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**From:** Couture, Robert (DBR) <[Robert.Couture@dbr.ri.gov](mailto:Robert.Couture@dbr.ri.gov)>  
**Sent:** Friday, July 9, 2021 9:37 AM  
**To:** Kurt Stenberg <[kaspe518@hotmail.com](mailto:kaspe518@hotmail.com)>  
**Cc:** Mahoney, Christopher (DBR) <[Christopher.Mahoney@dbr.ri.gov](mailto:Christopher.Mahoney@dbr.ri.gov)>  
**Subject:** RE: [EXTERNAL] : Willow Lakes Assisted Living

Hi Kurt, hope all is well. What method of design are you using? On first look using the design curve at .1 1500 square feet would require 250gpm with hose stream. Are you taking any reductions? Are you using residential heads with there own listed design criteria. Thanks!

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**From:** Kurt Stenberg <[kaspe518@hotmail.com](mailto:kaspe518@hotmail.com)>  
**Sent:** Friday, July 2, 2021 10:03 AM  
**To:** Couture, Robert (DBR) <[Robert.Couture@dbr.ri.gov](mailto:Robert.Couture@dbr.ri.gov)>  
**Subject:** [EXTERNAL] : Willow Lakes Assisted Living

Enclosed is the water consumption and Sprinkler fire flow estimates for a project that I believe has been assigned to you or will be due to its Health Care attributes as both Assisted and Acute Care residential facility.

KCWA is seeking your approval of the water calculation in a "Will Serve" letter stating that the water is adequate to serve the intended occupancy.

It is my professional opinion as the eventual FP and Plumbing Engineer of Record that it Will Serve the intended Assisted and Acute Care Health Care Occupancy. A document barely that opinion and my stamp can be provided if required.

As part of the full submission package for Your review, will be a comprehensive Fire/Building Code Compliance report prepared by me to assist in the plan review process.

Thank you for your assistance

Kurt A Stenberg, PE  
401.524.5301 508.269.4413