

Centinario, Michael

From: Brady Busselman , PE, LEED AP, CPESC, CPSWQ <BBusselman@sambatek.com>
Sent: Wednesday, June 19, 2019 12:06 PM
To: Centinario, Michael
Cc: Bryan Suchy; Nate Pearson; Carey Brendalen (cbrendalen@alliance.us); bzibrowski
Subject: RE: SkyWater Pre-Application DRC

Mike,

Please see additional narrative information below. This information supersedes the rough building area in my previous email. Thanks!

The proposed project includes a two-story building expansion of the existing. The proposed 30,000+/- square foot (sf) addition includes approximately 12,000 sf of Class 10 Clean Room Fab, with the remaining are including mechanical and other support space. The proposed addition would be located on the south façade of the existing FAB 4C with access to the FAB space from the existing clean link. The existing SUBFAB 4C stair enclosures would be removed and connections to the proposed SUBFAB 4D addition would be included as part of the new addition. Demolition work within the existing building would be limited to new construction connections to the existing building and to accommodate MEP connections.

The proposed building addition may be constructed of a cast-in-place concrete structural waffle slab on concrete columns and footings. The structural systems would be designed to accommodate similar vibration criteria as the existing building. Structural steel and composite concrete floor and roof assemblies may be used in specific areas as necessary. The exterior wall system may be an insulated precast concrete panel assembly to match the existing buildings exterior wall design.

Site and parking modifications will include the removal of the existing parking stalls, and the addition of landscaping, curbs, gutters, sidewalks, site features, and drainage to accommodate the new addition. The existing parking lot design may be modified to accommodate the addition of parking stalls or stormwater management systems

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From: Brady Busselman , PE, LEED AP, CPESC, CPSWQ

Sent: Wednesday, June 19, 2019 11:58 AM

To: mcentinario@BloomingtonMN.gov

Cc: Bryan Suchy <bsuchy@tegragroup.com>; Nate Pearson <npearson@tegragroup.com>; Carey Brendalen