



— Mount Vernon Library Commons —

Monthly Update  
 April 2022

## Council Presentation

HKP Architects presented updates to the Mount Vernon City Council on March 30, 2022. The project has just completed 75% Contract Documents. The team started the Permitting process on April 1 with an Intake Meeting.

Bidding is scheduled for summer and construction would begin late summer or fall. The budget remains at \$46.3 Million Dollars for the Base Bid, with \$2.2 Million Dollars worth of value-added Alternates.

Updated renderings were shared, highlighting project development, milestones, and updated renderings.



Social Media post courtesy of the Mount Vernon City Library

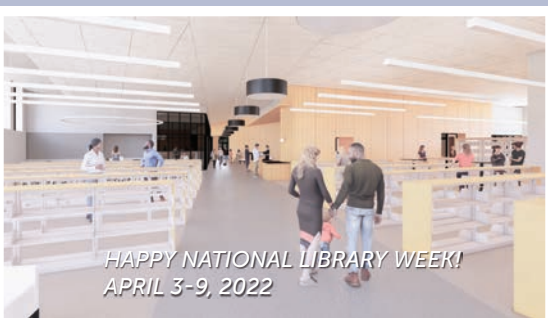
## Show of Support: Letters from Home Your letters can make a difference!

A call went out through social media and other platforms from the Library to gather letters to send to The Honorable Pete Buttigieg for the City's application for a Raise Grant. This grant is big (like \$10 million big), and local support can make a huge difference in being competitive. 100 emails/letters from the community can be the difference between 84% funded and 98% funded. Thank you for all the support!

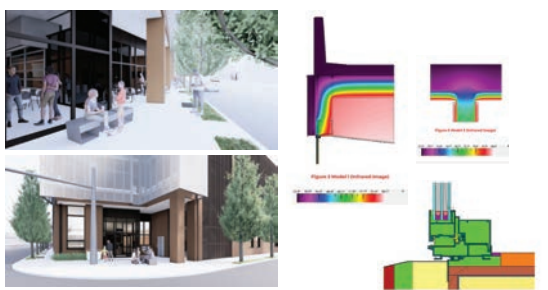
Highlights of the transportation aspect of the project which were included in the letter suggestions included:

- 75 EV stations
- It incentivizes community reinvestment by putting parking where housing and business are currently under construction.
- Provides access for reliable EV charging
- Provides enhanced bus and rail access
- Enhances key green highway / green corridor goals
- The project is nearly 40% better than the current code for energy use.
- Carbon reducing green construction techniques.




The City will be applying for multiple grants until full funding is achieved. There will be **more opportunities** to help the City with letter writing – you can sign up for action alerts by signing up for **Library / Advocacy news** : <https://mountvernonwa.gov/LibraryNews> today!

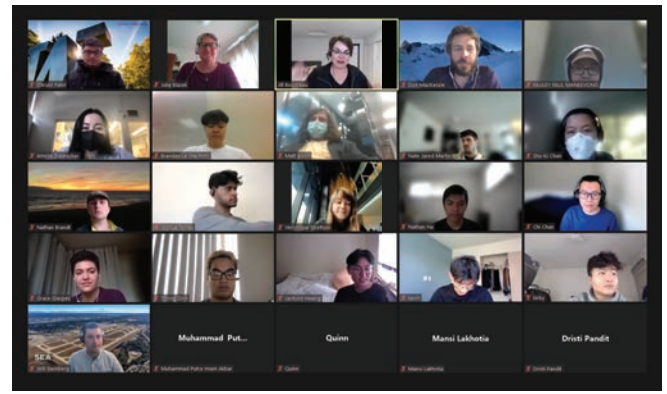


Mount Vernon Library Commons HKP architects



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KNOW YOUR EV CHARGING STATIONS		
<p><b>AC Level One</b></p>  <p><b>VOLTAGE</b> 120V 1-Phase AC</p> <p><b>AMPS</b> 12-16 Amps</p> <p><b>CHARGING LOAD</b> 1.4-1.9 kW</p> <p><b>CHARGING TIME</b> 3-5 Miles per Hour</p>	<p><b>AC Level Two</b></p>  <p><b>VOLTAGE</b> 208V or 240V 1-Phase AC</p> <p><b>AMPS</b> 12-80 Amps (Typ. 32 Amps)</p> <p><b>CHARGING LOAD</b> 2.5-19.2 kW (Typ. 6.6 kW)</p> <p><b>CHARGING TIME</b> 12-60 Miles per Hour</p>	<p><b>DC Fast Charge</b></p>  <p><b>VOLTAGE</b> 208V or 480V 3-Phase AC</p> <p><b>AMPS</b> &gt;100 Amps</p> <p><b>CHARGING LOAD</b> 50-350 kW</p> <p><b>CHARGING TIME</b> 60-80 Miles in 20 Minutes</p>



# University of Washington Students Studying MVLC

UW Transportation Engineering students are using the Mount Vernon Library Commons as a Capstone Project, studying the recommended initial mix of EV charging plugs and maximum power capacity for each plug type, means of controlling access and recovering costs, and availability of commercial EVSE hardware meeting recommended specifications. Mayor Jill Boudreau

presented information about the City and its goals for the project to the class on March 30th. Students will be working on their projects for the next eight weeks and presenting their final reports on June 1, 2022. Thanks to faculty members Don Mackenzie and Dhruvil Patel for putting this opportunity together - can't wait to see the students' research and conclusions!

## Month in Focus

**Permit Documents** are the focus of the month, with the entire Design and Engineering Team working to complete the required forms, plans, schedules, and details. As part of the Permitting process, the design must meet **NEPA/SEPA, Master Plan, Site Plan (Zoning), Fill and Grade, Design Review, Building, Energy, Accessibility, and Signage** codes.

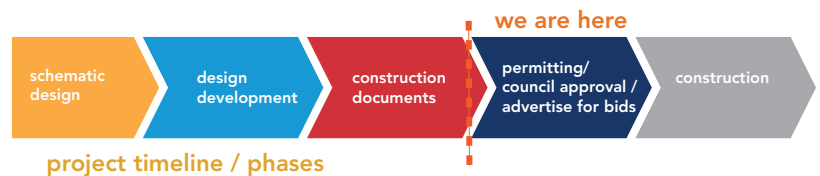
The City hosted our Intake Meeting on April 1 to review all of the required documents, and the final versions will be uploaded to the City's Permitting Portal on April 15th. Review comments will be addressed and incorporated into the final Bid Documents.



Members of the Design Team from KPFF, Swift Company, and HKP Architects met with City staff and OAC during the April 1st Permit Intake Meeting at City Hall.

## Current Activities

- Weekly Owner Meetings
- Constructability Review by OAC
- UW Transportation Engineering Class Presentation
- Presentation to City Council
- Preparation of Permit Documents
- Preparation of Design Review Documents
- Permit Intake Meeting
- Final Cost Estimate
- Furnishing, Fixtures & Equipment (FF&E) Review
- Coordination with local utilities
- Color and Material Preliminary Selections



Some of the furniture options under review for Young Adults area

**HKP Architects**

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