



THREE RIVERS CONFLUENCE

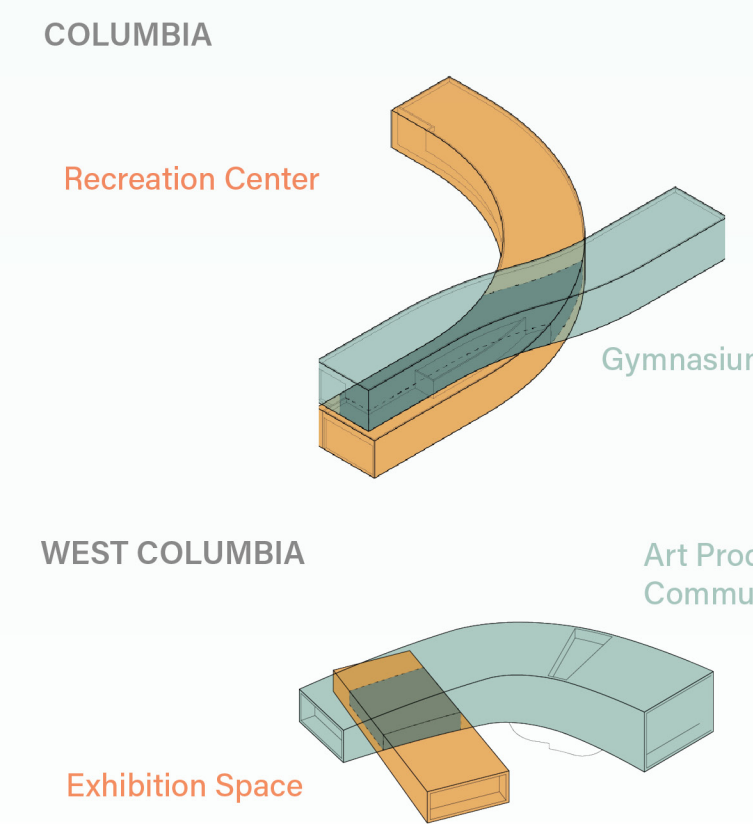
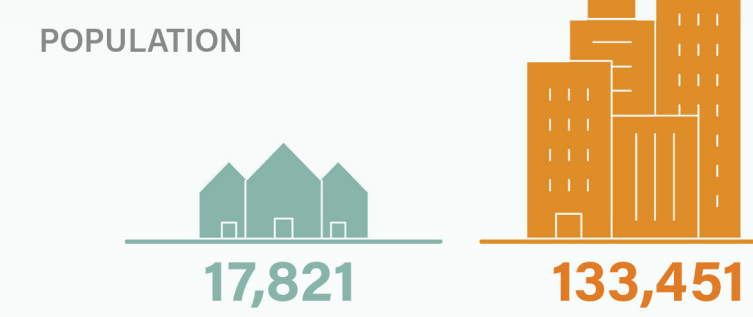
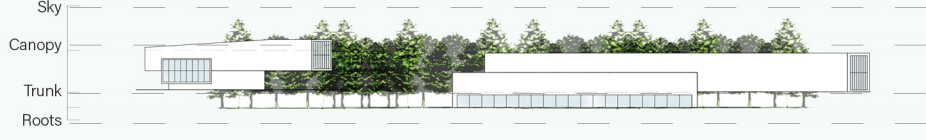
River and Cultural Engagement Center

ARCH 4520 SYNTHESIS STUDIO | COLUMBIA SC



PROJECT BRIEF

Sited at the confluence of the Saluda and Broad Rivers, the Three Rivers Confluence Center provides a new community and arts campus on the Columbia and West Columbia waterfront. Drawing inspiration from the two communities' shared textile history and the unique environmental conditions of each site, the buildings take the form of interwoven rivers bounded by, and responsive to, the trees of their respective sites. The Columbia building is intentionally hidden and mainly occupies the understorey, providing a passive space for engaging nature as well as housing programming for a community center, natatorium, gym, and nature center. The West Columbia art center, conversely, occupies the canopy directing active views toward the Columbia skyline and riverfront as a viewpoint for community artists and exhibitions. In addition to individually connecting to the existing Three Rivers Greenway, the buildings will connect via a pedestrian bridge woven through the Gervais Street bridge's north side.



West Columbia Trail View



Columbia Porch View



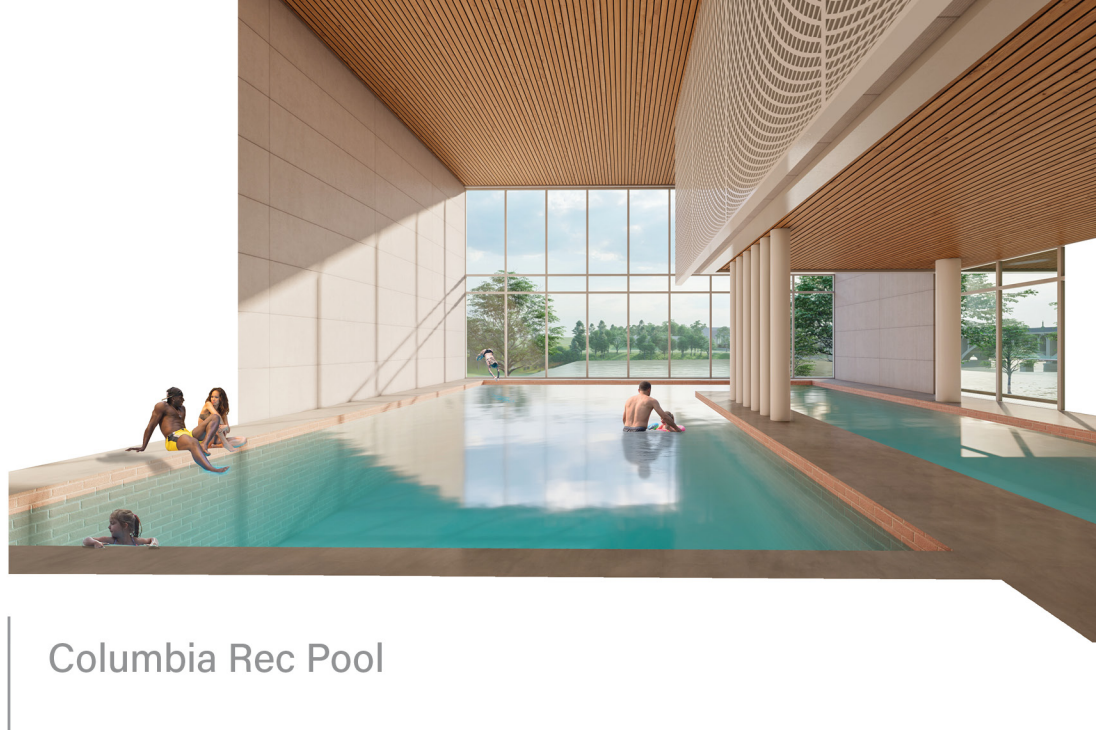
West Columbia Community Workspace



West Columbia Courtyard



West Columbia Community Space



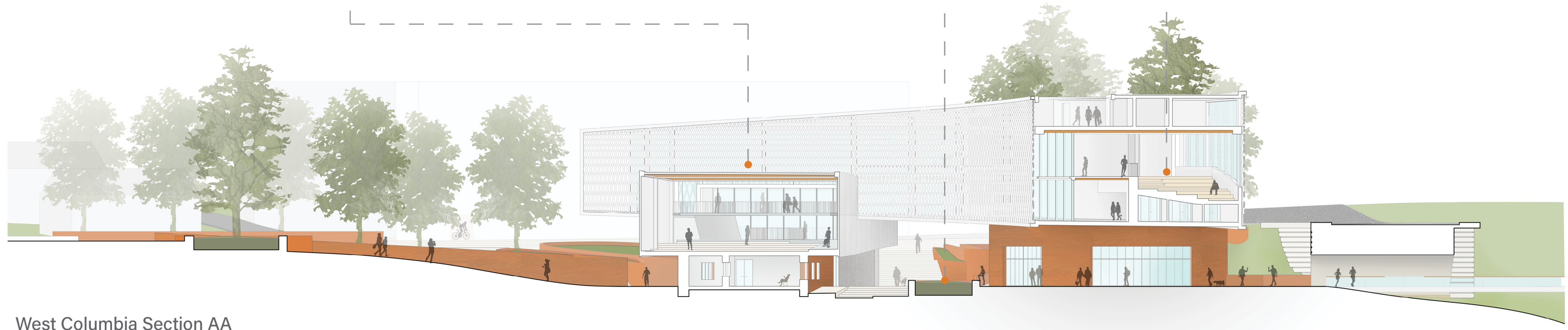
Columbia Rec Pool



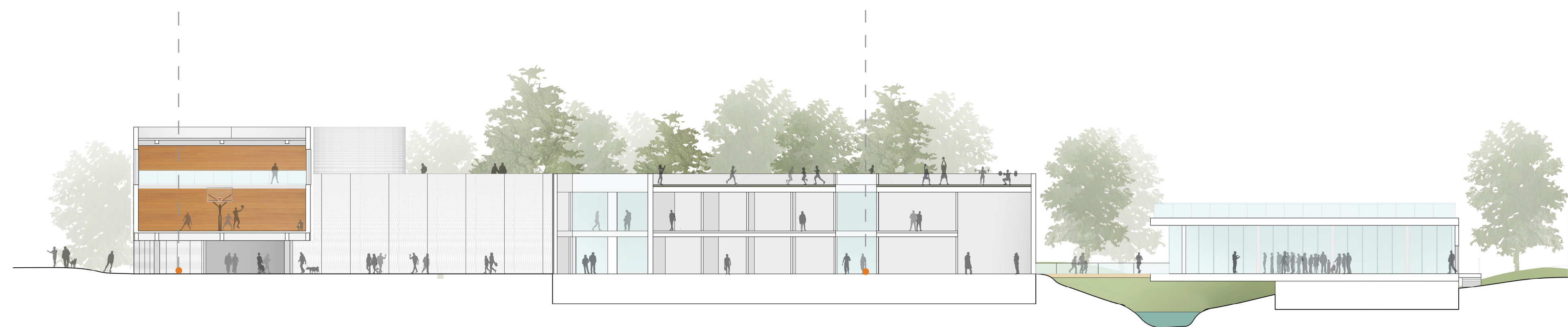
Columbia Community Space



Columbia River Trail View



West Columbia Section AA



Columbia Section AA

LEGEND | PLANS

- 01 lobby
- 02 maker's space
- 03 kayak rental
- 04 kayak launch
- 05 Wood shop
- 06 Administration
- 07 Gallery space
- 08 Art studios
- 09 Meeting space
- 10 Classroom
- 11 Cafe
- 12 Trail



FLOOR 00



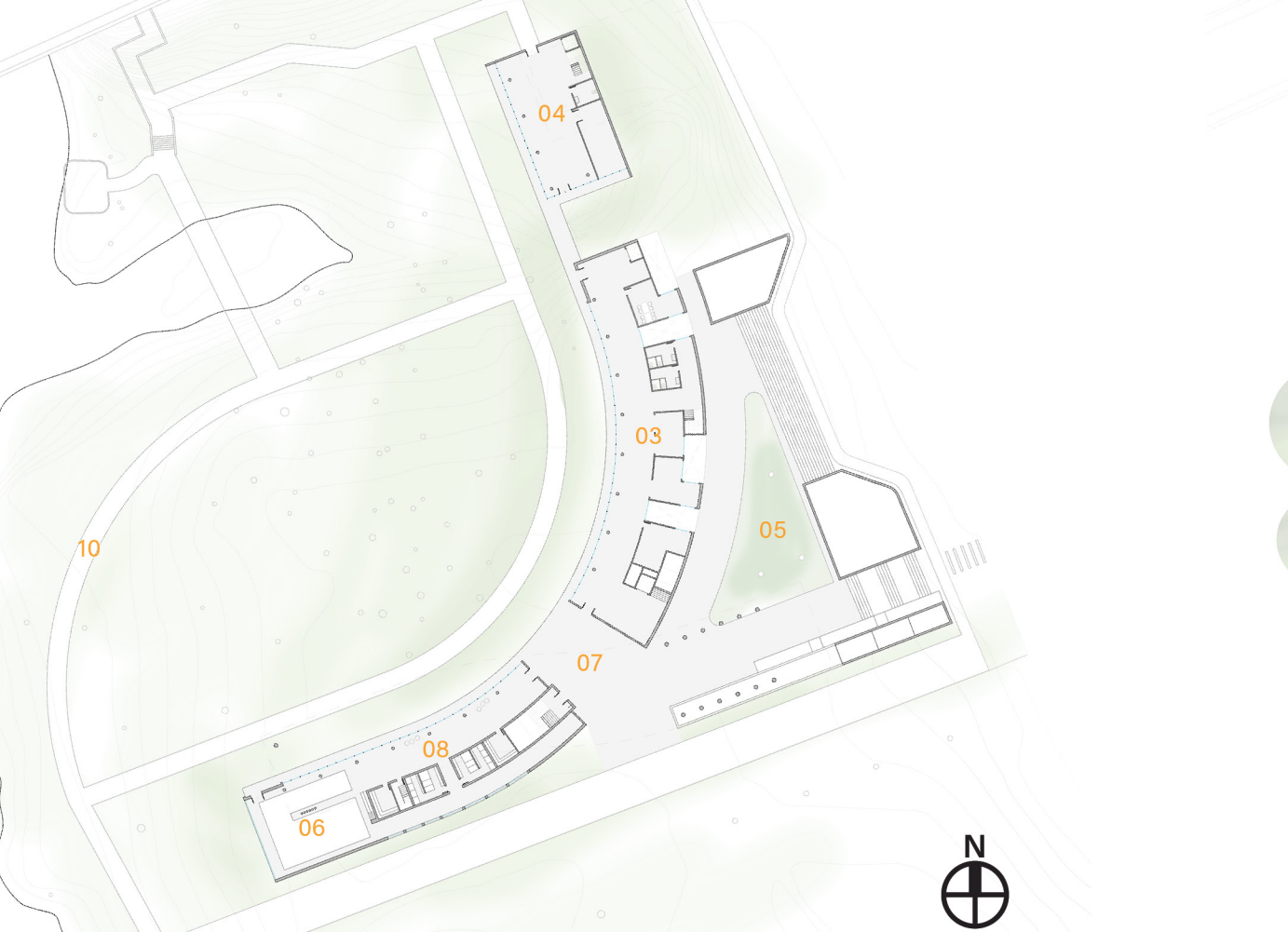
FLOOR 01



FLOOR 02



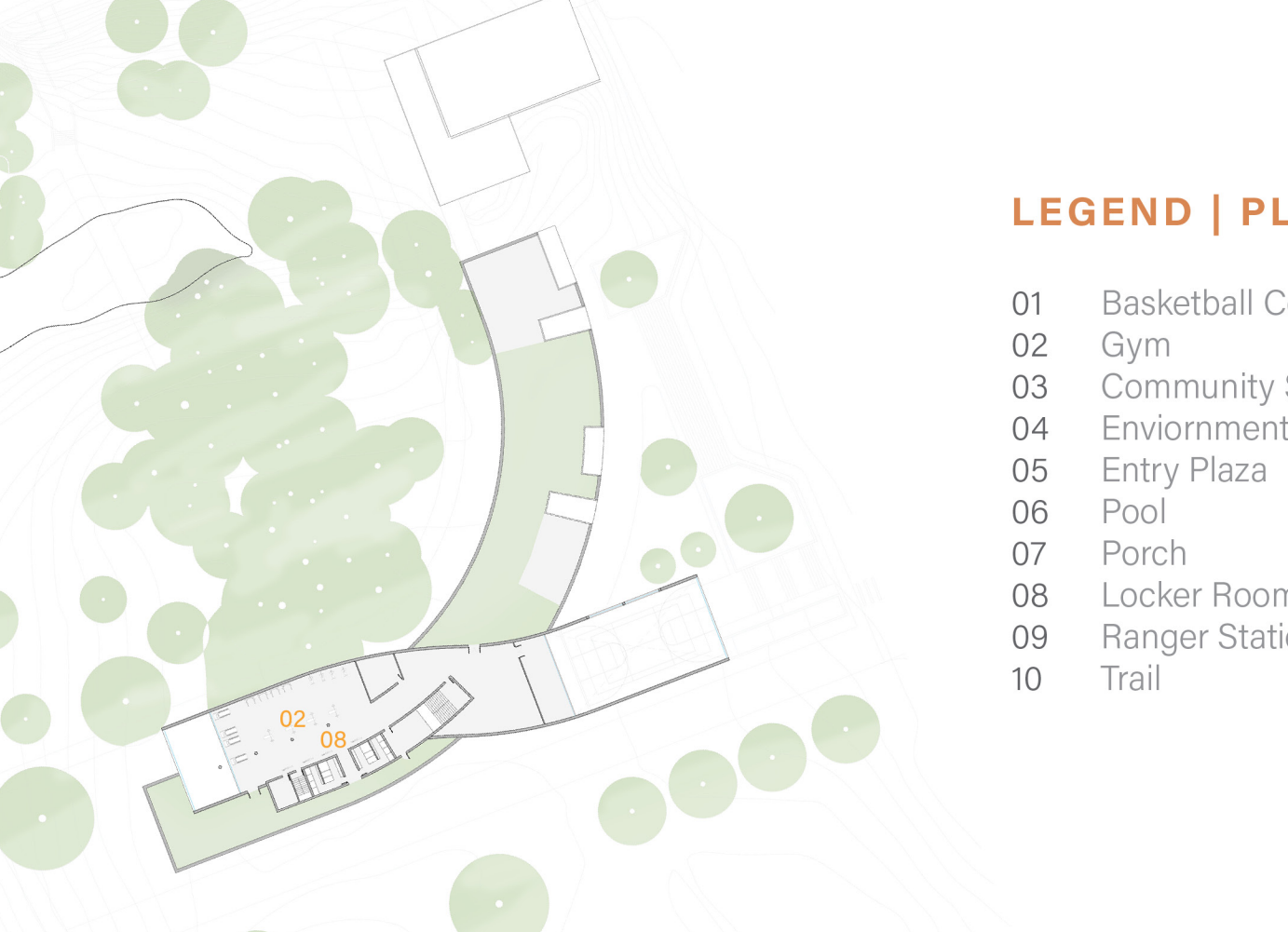
FLOOR 03



FLOOR 01



FLOOR 02

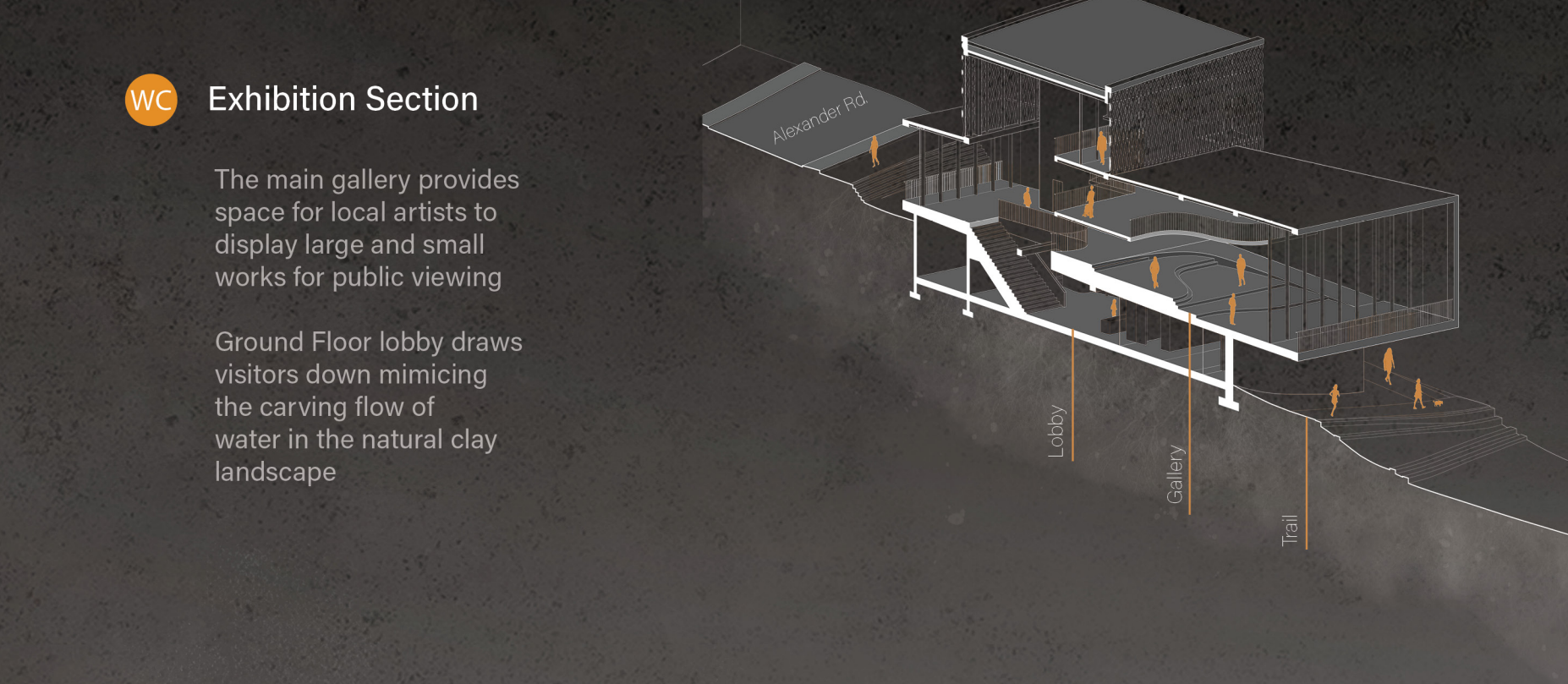


FLOOR 03

LEGEND | PLANS

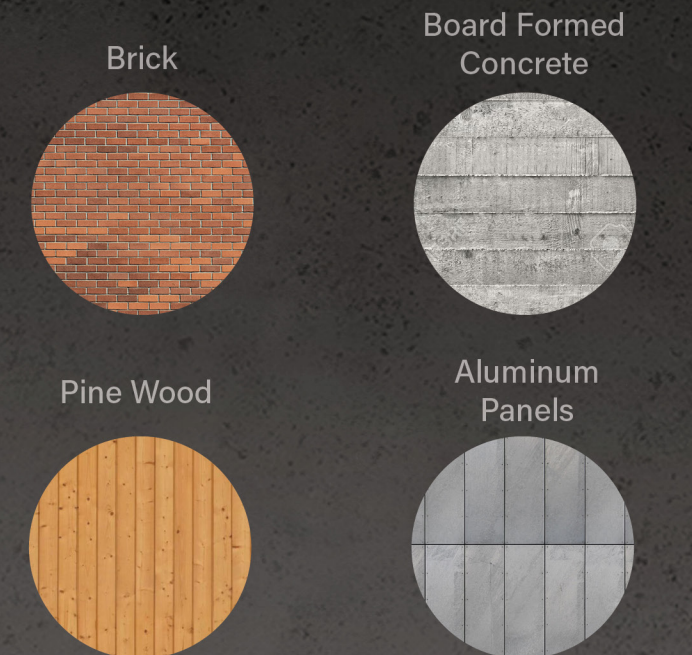
- 01 Basketball Court
- 02 Gym
- 03 Community Spaces
- 04 Environmental Center
- 05 Entry Plaza
- 06 Pool
- 07 Porch
- 08 Locker Rooms
- 09 Ranger Station
- 10 Trail

West Columbia Section BB | 1/4" = 1'



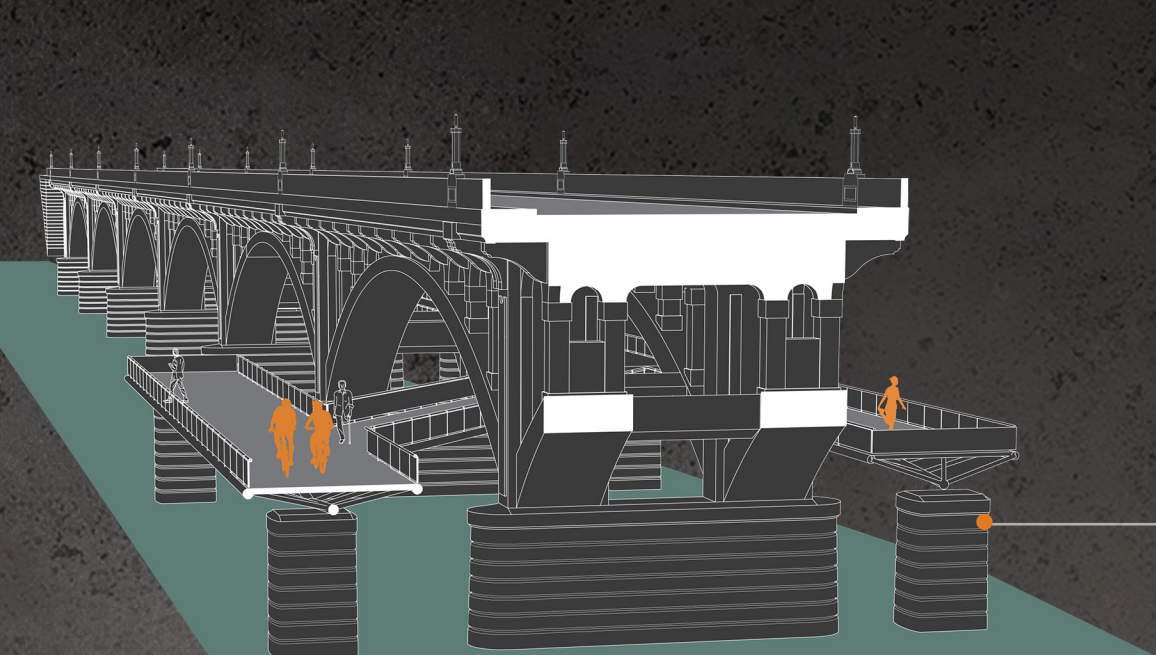
Materials

Material selection reflects local resources and history



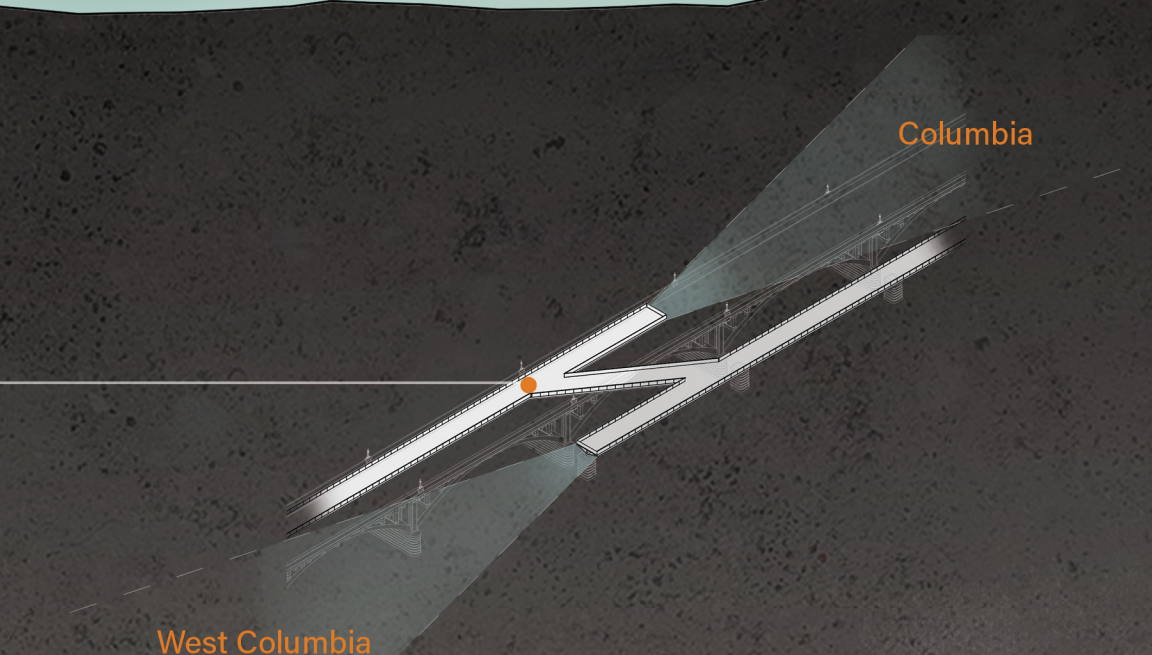
Pedestrian Bridge

The pedestrian bridge seeks to be understated and minimal to reduce the impact on the historic Gervais Street Bridge. The bridge is lowered to protect pedestrians from traffic noise and reduce visual impact on the Gervais Bridge.



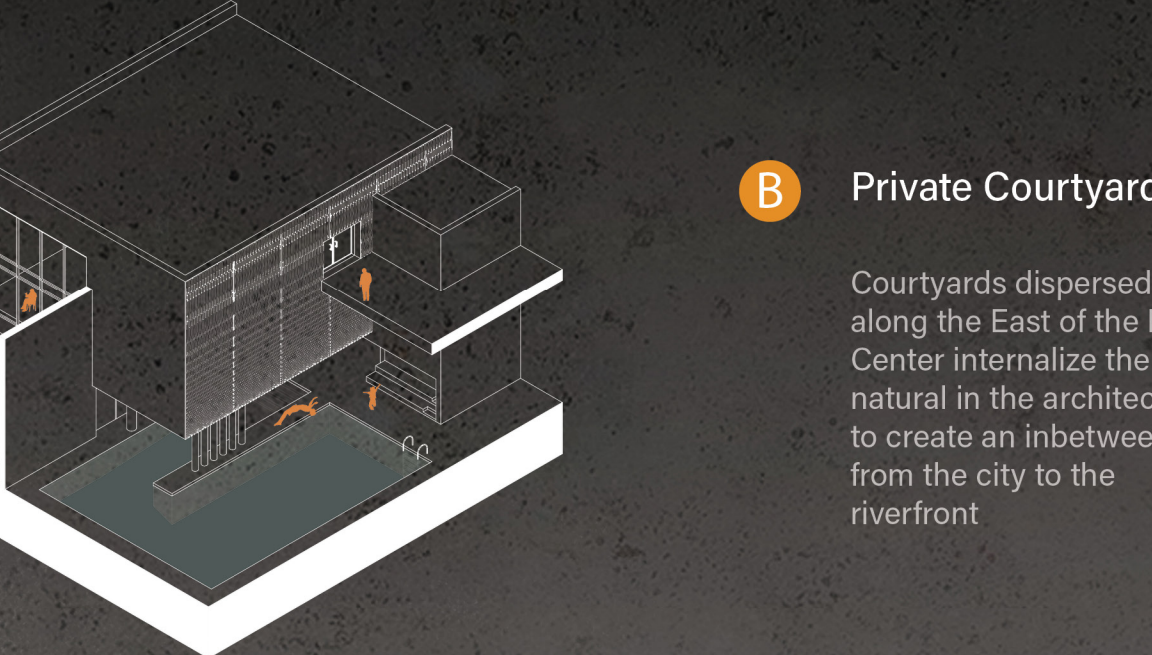
Pedestrian Bridge

Pedestrian Bridge crosses sides in the center to create a stopping place to view Columbia and West Columbia. This joins the cities of West Columbia and Columbia in the center of their shared natural resource, the Congaree River. Historic Piers are extended to support the pedestrian bridge independent of the Gervais Bridge.



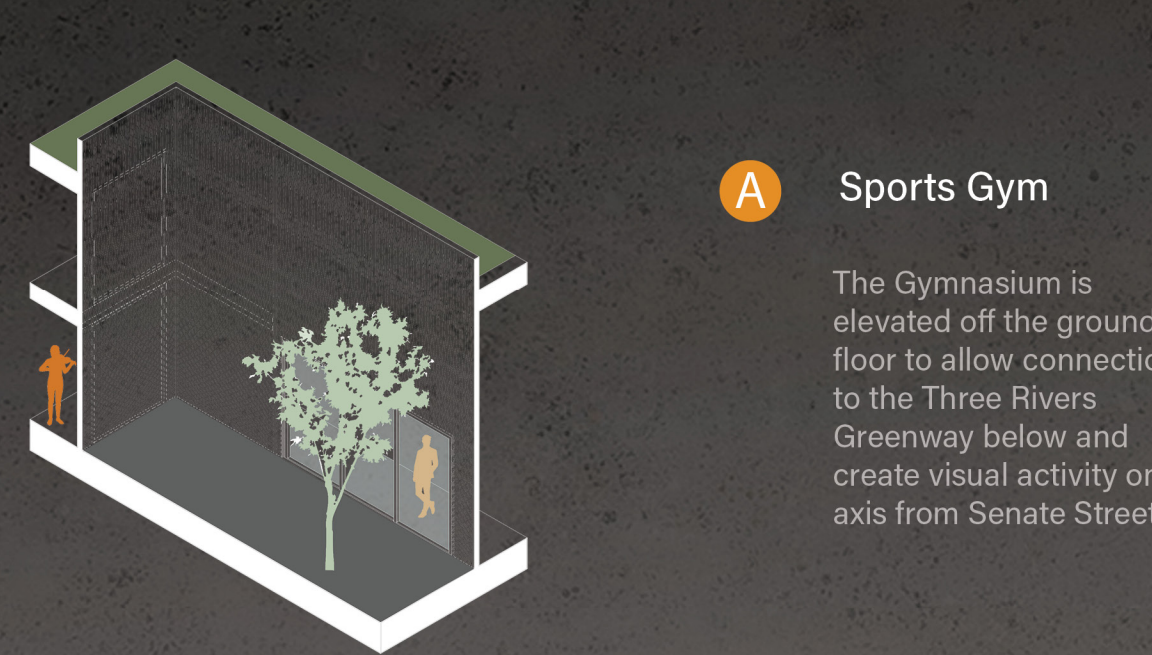
Recreation Pool

The Rec. Pool creates a visual connection between the city and the River through its boundary location.



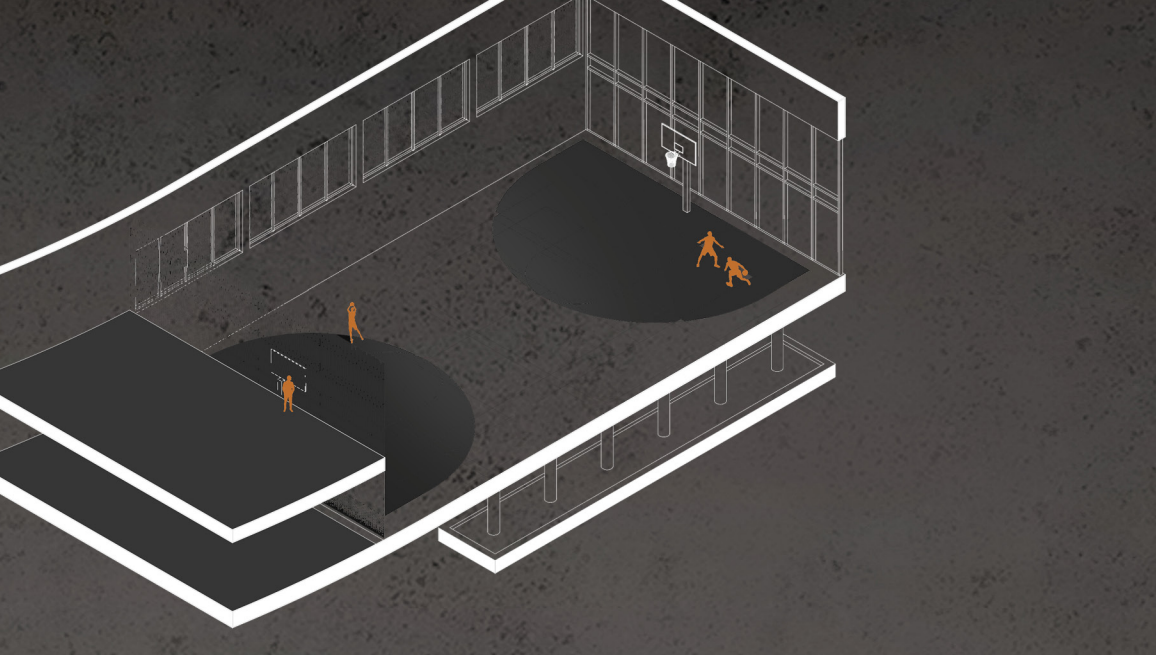
Private Courtyard

Courtyards dispersed along the East of the Rec. Center internalize the natural in the architecture to create an in-between from the city to the riverfront.



Sports Gym

The Gymnasium is elevated off the ground floor to allow connection to the Three Rivers Greenway below and create visual activity on axis from Senate Street.



Columbia Section BB | 1/4" = 1'