

Southdale Library and Edina Art Center

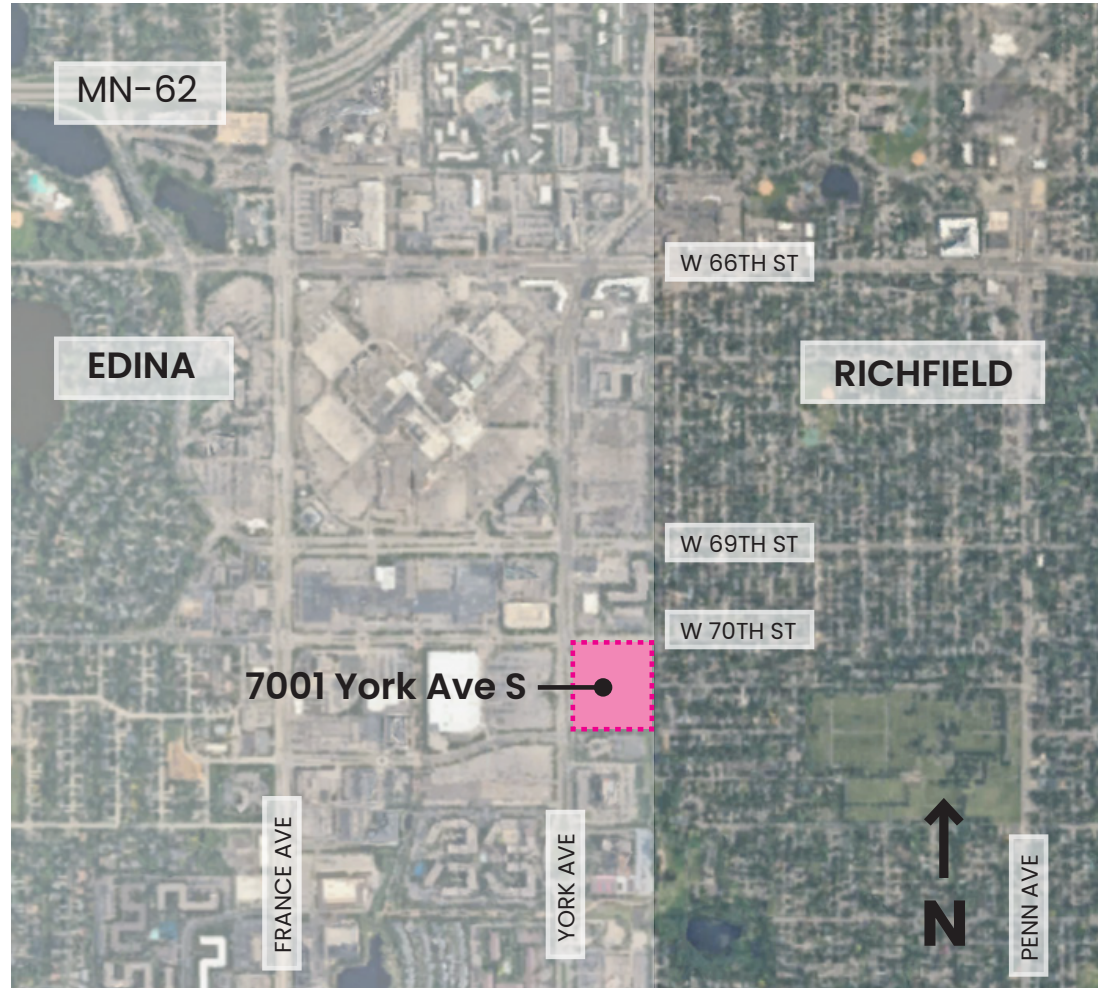
City of Richfield Preview

1.9.2024

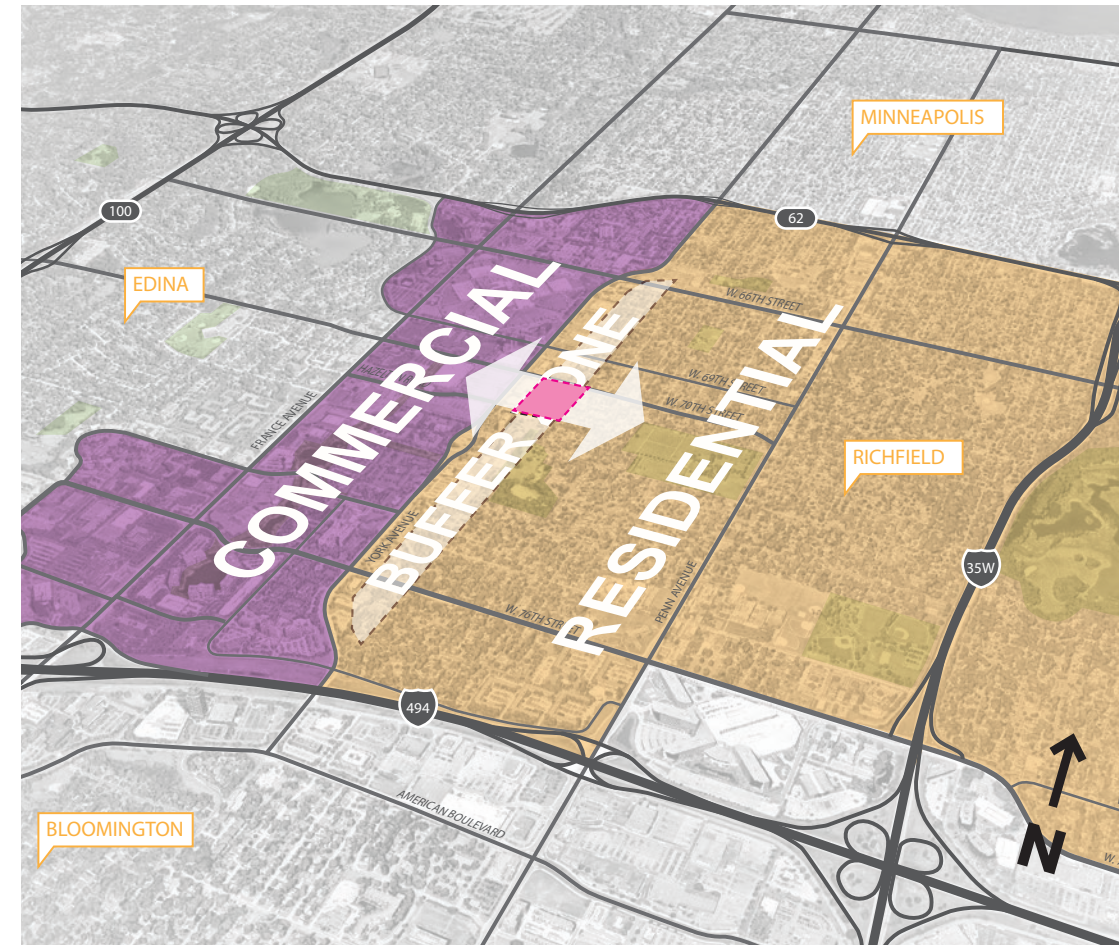
HENNEPIN COUNTY
MINNESOTA

MSRDesign

southdale library + eac | location and context

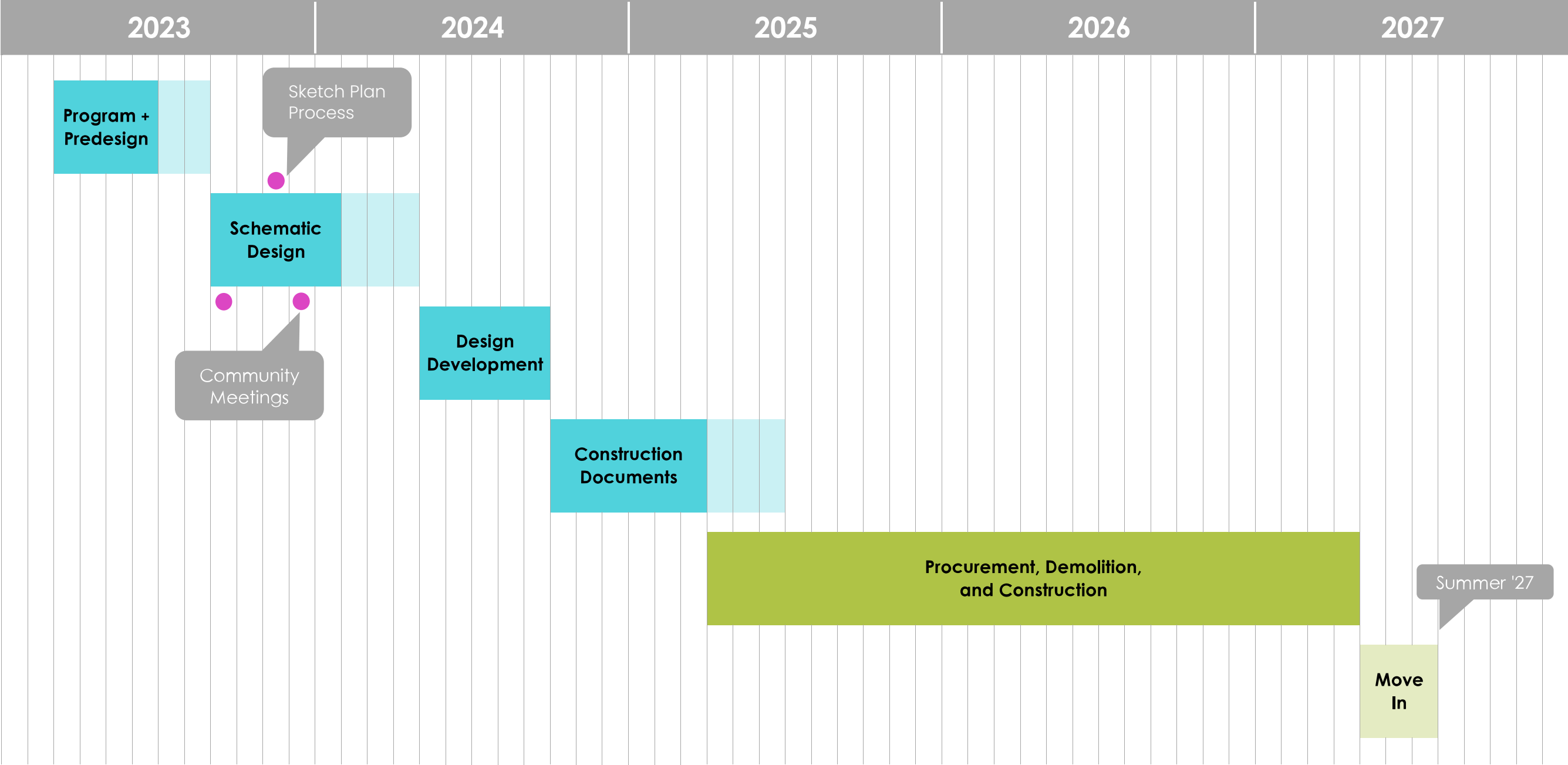


location map



context map

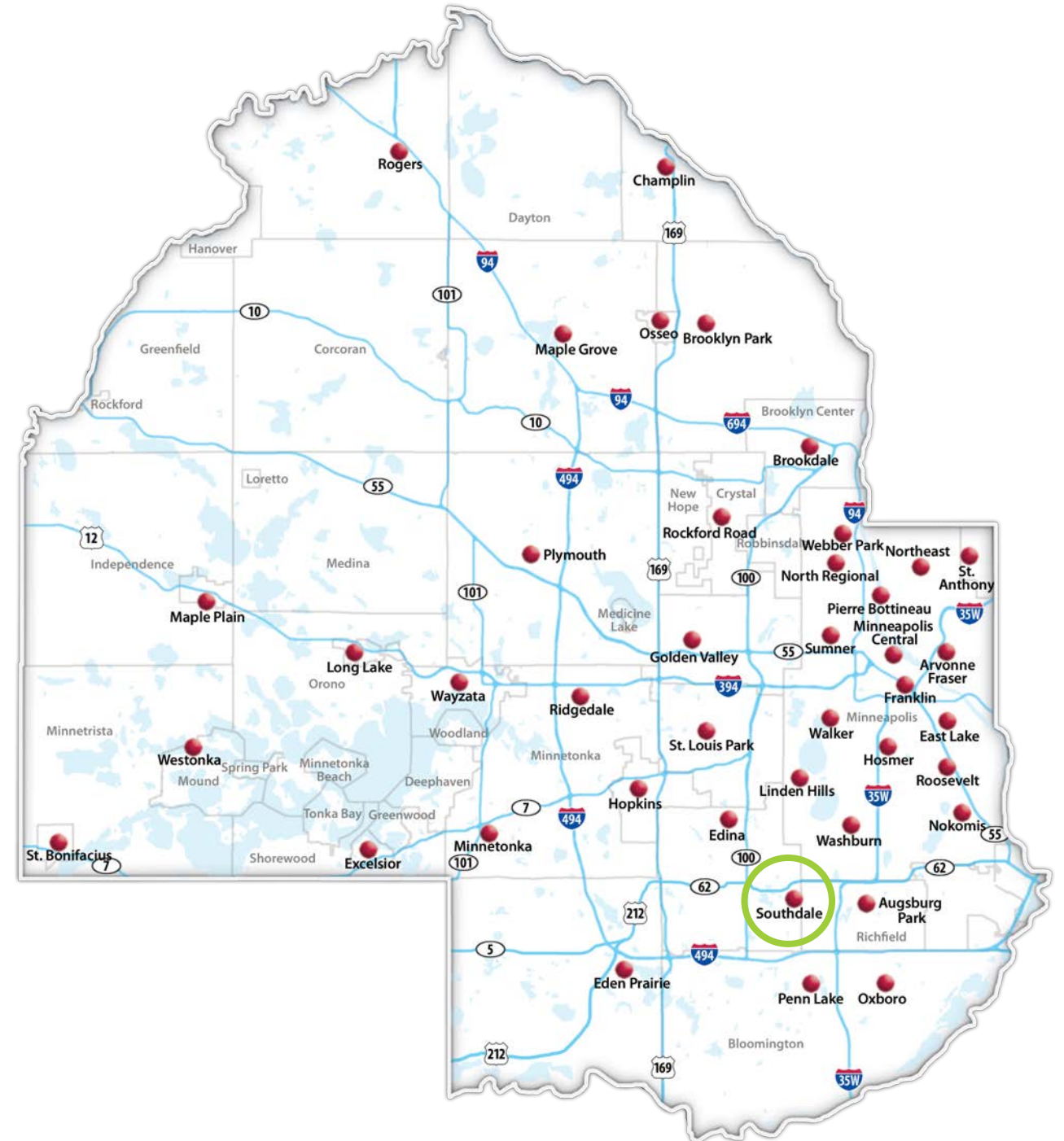
southdale library + eac | project schedule



southdale library | in context

Continues to be one of the busiest libraries in the Hennepin County system:

- 4th most visited library in the Hennepin County system, welcoming approximately 185,000 visitors in 2022
- 6th highest volume of physical checkouts, more than 250,000 first-time checkouts in 2022
- 7th highest volume of Wi-Fi connections, more than 225,000 sessions in 2022
- 2nd highest in information counts, second only to Minneapolis Central Library



southdale library | feedback

How we have gathered feedback so far:

- **Survey of community members** about how they use Southdale Library and what they would like to see improved
 - Online and paper options
- **Audit of on-site library collection** + requests for holds/other items
- **Staff engagement sessions** to learn about community and staff needs
- **Usage statistics** (meeting room reservations, visit counts, computer sessions, circulation)

southdale library | feedback

Physical Building

- The current stairs, two-floor library, and parking lot are barriers to entry
- Easy-to-find drive-up book drop
- Access and accessibility are key
- Create a welcoming facility for all neighbors and kids
- Sightlines through Library

Location

- Hoping for more pedestrian friendly access
- Easy access to add to other errands/routines

Feature

- Natural light
- Adjacent green spaces
- Outdoor seating and classes

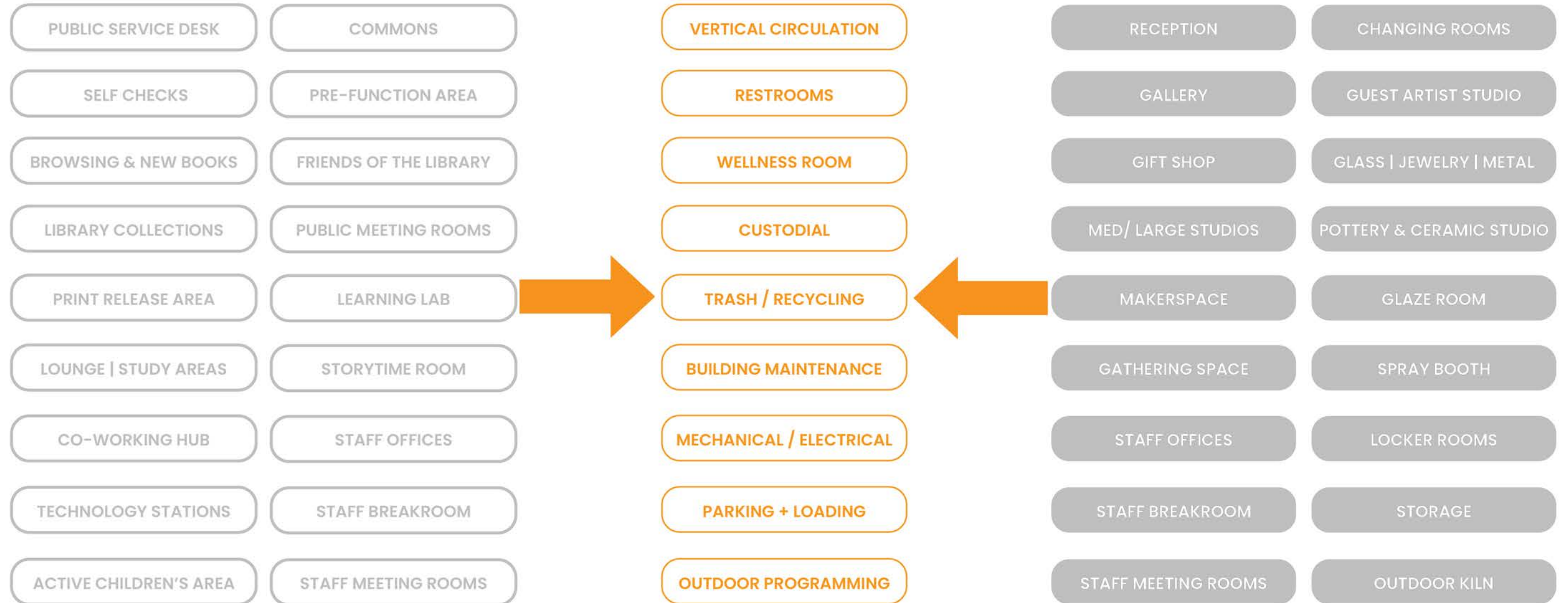


southdale library + eac | co-location and partnership

HCL

SHARED INFRASTRUCTURE

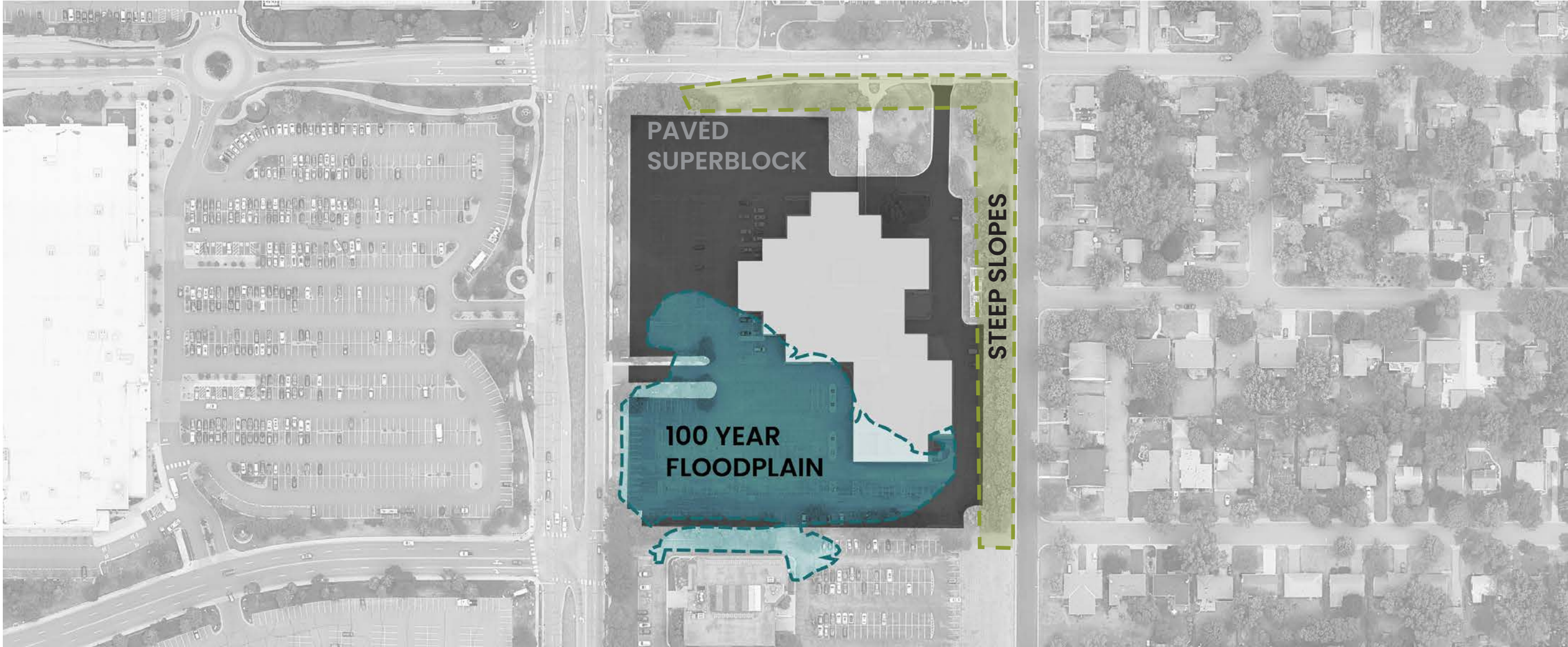
EAC





VALUE

southdale library + eac | challenges and opportunities



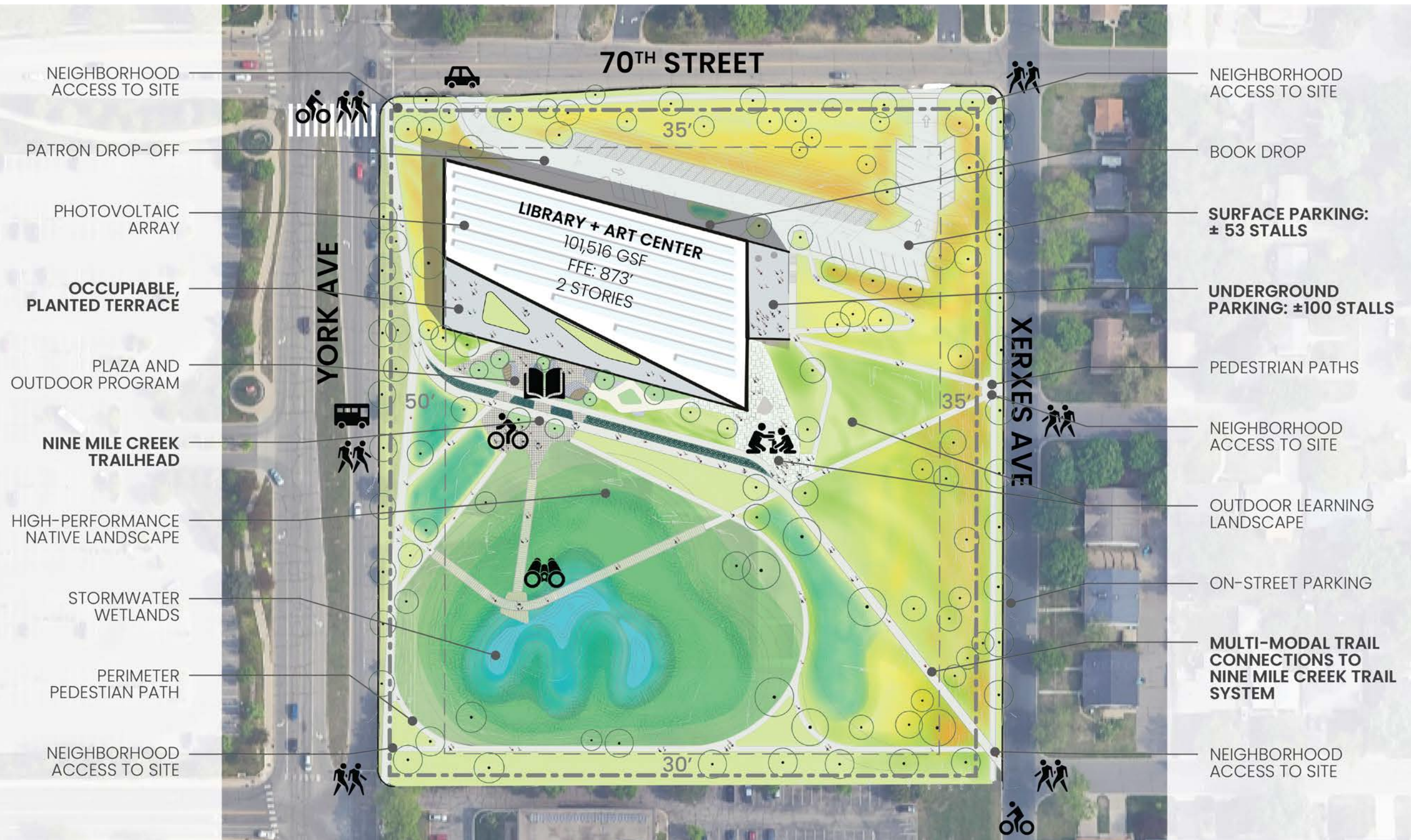
southdale library + eac | challenges and opportunities

- **extensive flood plain on south of site**
 - ✓ locate building at northwest corner
 - ✓ eliminate vast majority of existing impervious paving
 - ✓ extensive, integral, beautiful stormwater infrastructure
- **existing slopes create barriers at perimeter**
 - ✓ hold corner at NW as street room, and multimodal access point
 - ✓ pull back from 70th to maintain transparency at ground level
 - ✓ repair topography at Xerxes to allow for neighborhood access
- **scale of existing block is incompatible with district goals**
 - ✓ break down the site with multimodal trail connections
 - ✓ orient building to the street and landscape, not to surface parking
 - ✓ provide programmed green space as an amenity for neighbors
 - ✓ promote healthy neighborhoods with regional trail connections and a trailhead on site

southdale library + eac | regional trails connections



southdale library + eac | preliminary site plan



NEIGHBORHOOD ACCESS TO SITE

PATRON DROP-OFF

PHOTOVOLTAIC ARRAY

OCCUPIABLE, PLANTED TERRACE

PLAZA AND OUTDOOR PROGRAM

NINE MILE CREEK TRAILHEAD

HIGH-PERFORMANCE NATIVE LANDSCAPE

STORMWATER WETLANDS

PERIMETER PEDESTIAN PATH

NEIGHBORHOOD ACCESS TO SITE

70TH STREET

YORK AVE

XERXES AVE

LIBRARY + ART CENTER
101,516 GSF
FFE: 873'
2 STORIES

35'

50'

35'

30'

NEIGHBORHOOD ACCESS TO SITE

BOOK DROP

SURFACE PARKING: ± 53 STALLS

UNDERGROUND PARKING: ±100 STALLS

PEDESTRIAN PATHS

NEIGHBORHOOD ACCESS TO SITE

OUTDOOR LEARNING LANDSCAPE

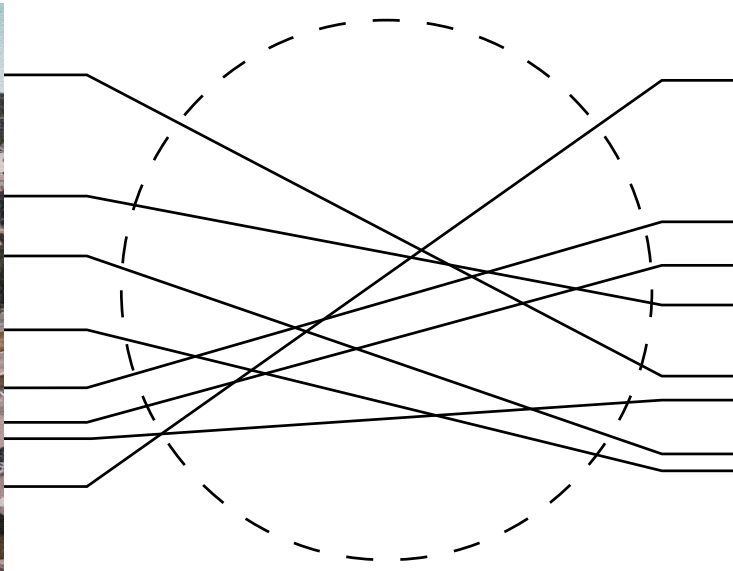
ON-STREET PARKING

MULTI-MODAL TRAIL CONNECTIONS TO NINE MILE CREEK TRAIL SYSTEM

NEIGHBORHOOD ACCESS TO SITE

southdale library + eac | outdoor activities





FUTURE LIBRARY



COMMERCIAL

RESIDENTIAL

southdale library + eac reparative landscape



infiltration



filtration



cooling + shade



pollinators



air quality



transpiration



evaporation



carbon
sequestration



Migratory birds



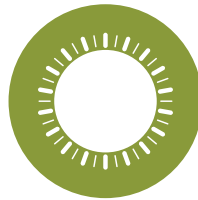
people + health

southdale library + eac

performative building



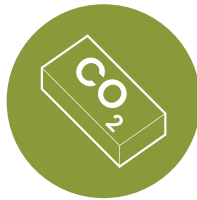
healthy material palette



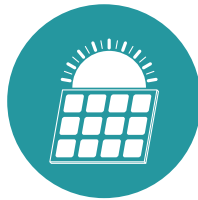
spatial daylight autonomy



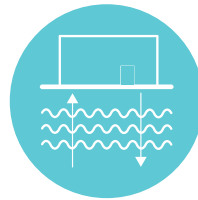
passive design strategies



low-embodied carbon materials



on-site renewables



geothermal heat pumps



high-performance facade design

sustainability | design initiatives

A performative approach to landscape

- Native vegetation promotes **biodiversity** and supports **regional ecosystems**
- **Resilience** through water
 - Manage 95% of annual average **rainfall**
 - Percolation to **reduce stormwater** runoff
 - Maximize **porous paving**

Centering the community through design

- Universal **access** and **inclusion**
- Connect **neighbors** to public amenities
- Create a **landscape** for learning
- A hub for **creativity** and lifelong **learning**

Passive and active design strategies

- Biophilic **planted terrace**
- Responsive **water** use throughout
- Energy Performance
 - Rooftop **photovoltaic** panels
 - Highly performing **building envelope**
 - **Geothermal** heat pumps
 - Responsive **façade strategies**
 - Optimize interior **daylight** penetration and daylight comfort levels
- Emissions reductions
 - **Reduce embodied carbon** through responsible selection of building materials and systems
 - **Reduce operational carbon** through passive design and efficient systems, offset with **onsite renewables**

preliminary view | york ave + 70th st



HENNEPIN COUNTY LIBRARY SOUTHDAL
EDINA ART CENTER

preliminary view | xerxes ave



preliminary view | regional trail link



preliminary view | wetland paths

