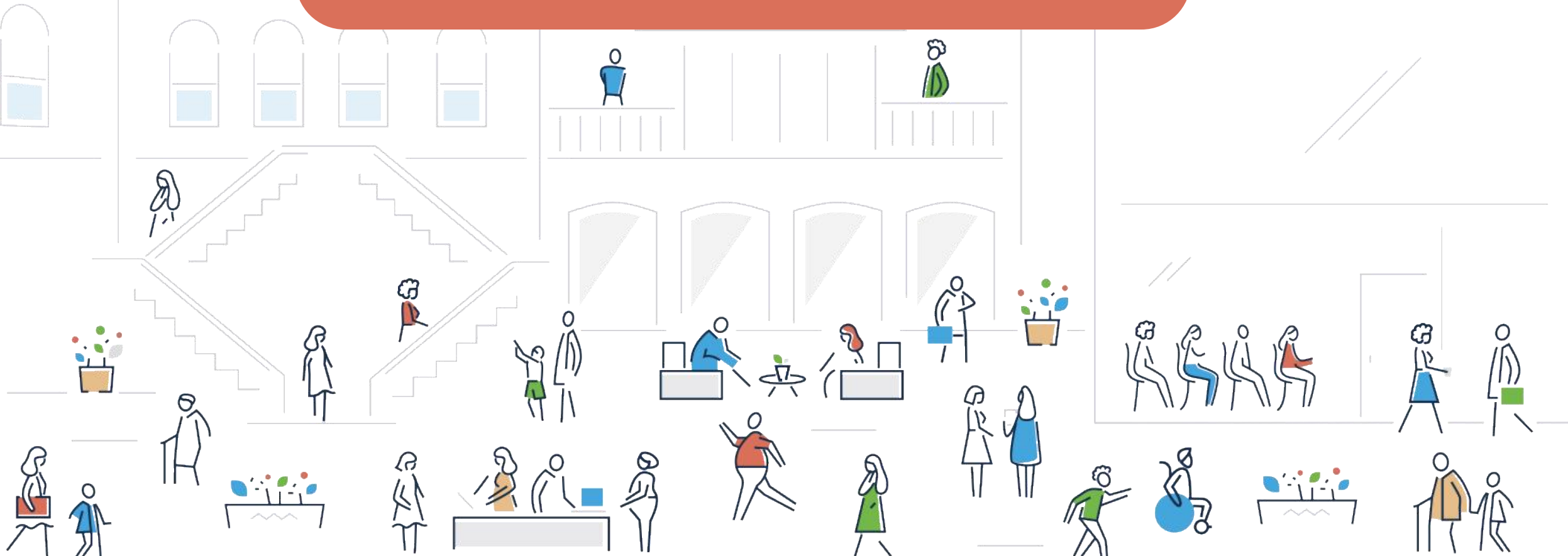




Alexandria City Hall

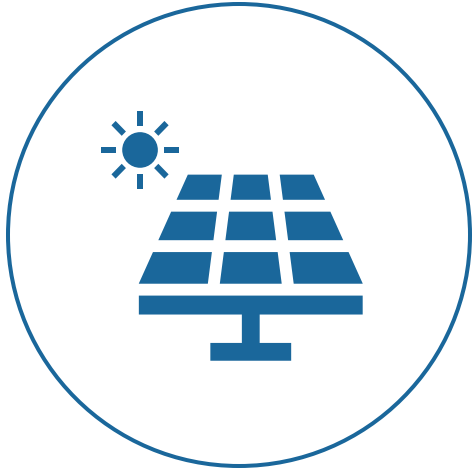
**Market Square Garage and Plaza Renovation**

# Environmental Planning Commission



# Sustainable Design Goals

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## Pursue net-zero energy.

**Offset all consumed energy** using renewably-generated resources and building will be fossil fuel free for normal operations.



## Pursue LEED Platinum.

Earn **80+** points under the LEED NC v4/v4.1 rating system.



## Comply w/ City of Alexandria Green Building Policy.

Follow specific point requirements around energy, water, and indoor environmental quality criteria.



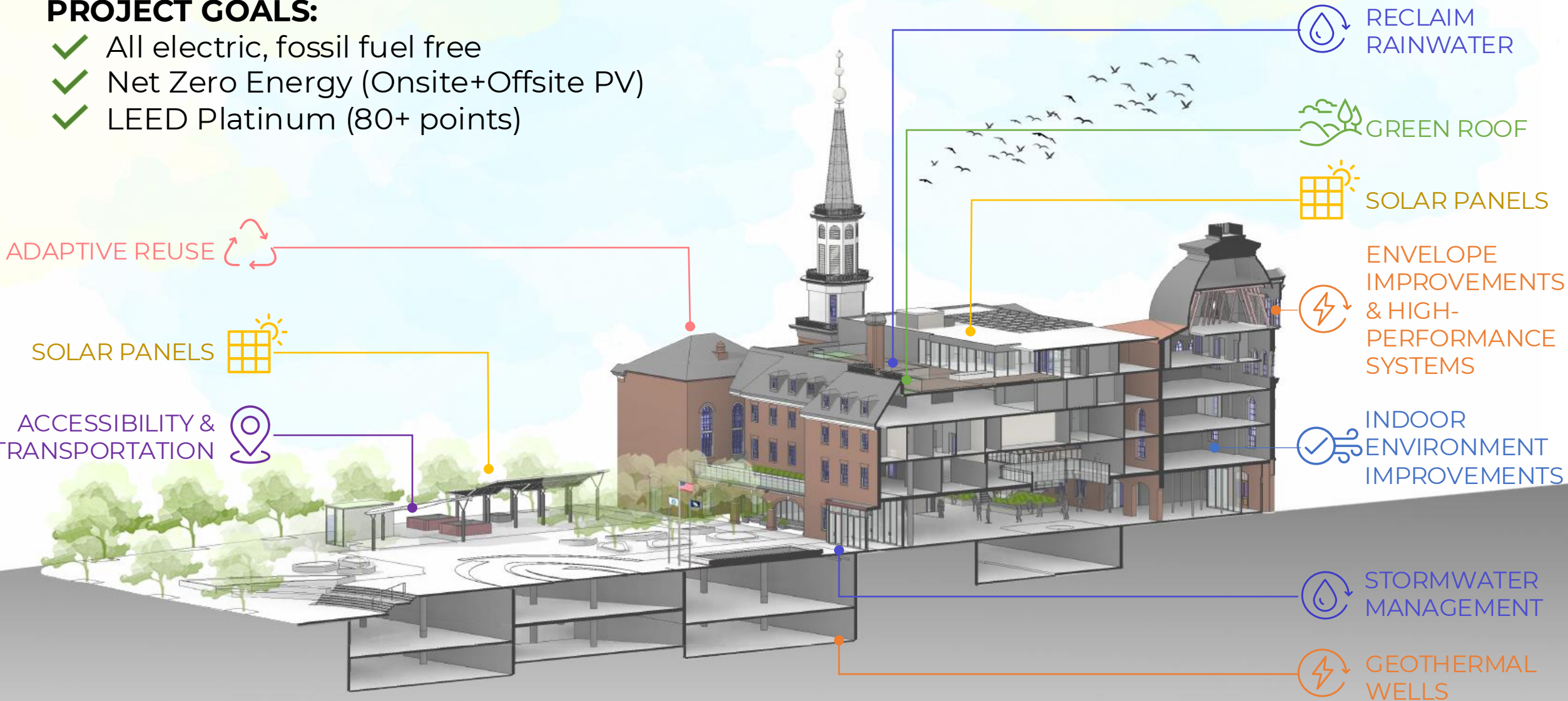
## Be a benchmark, exemplary project for the City.

Set the tone for future projects in Alexandria.

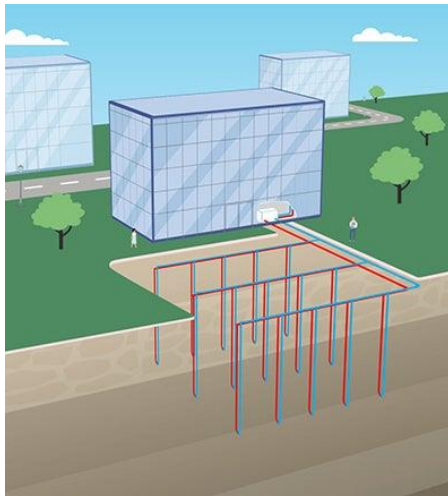
# A resilient+sustainable future for City Hall

## PROJECT GOALS:

- ✓ All electric, fossil fuel free
- ✓ Net Zero Energy (Onsite+Offsite PV)
- ✓ LEED Platinum (80+ points)



# Value of Geothermal

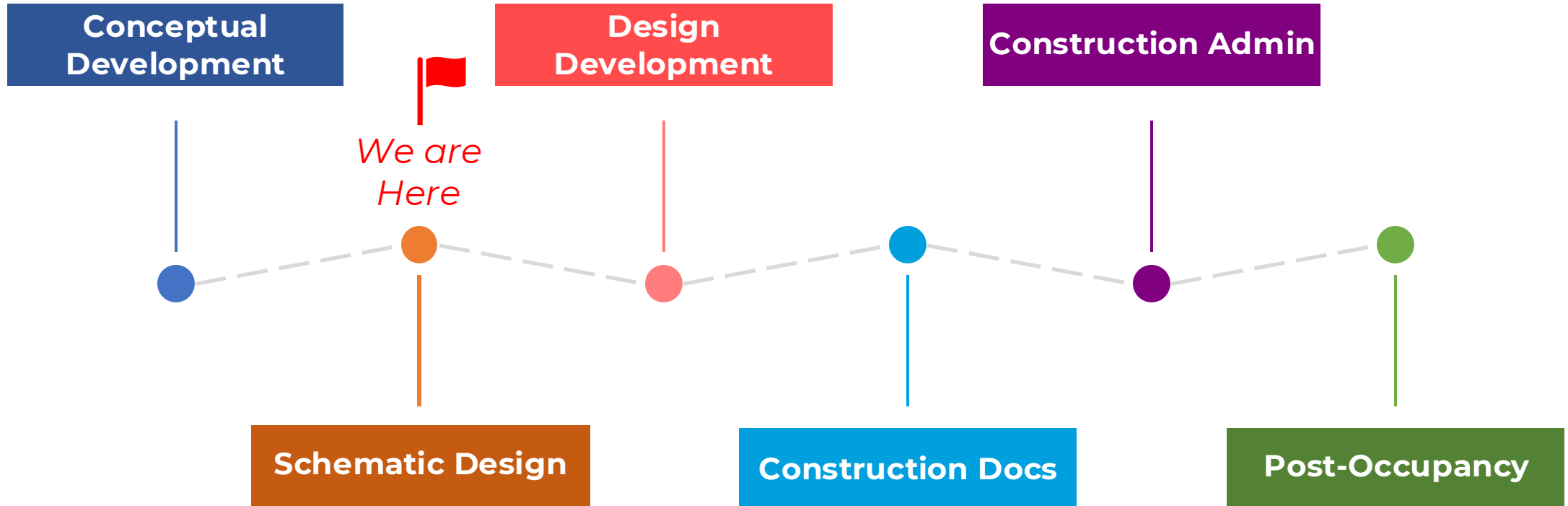


	Value-Add	Traditional HVAC	Geothermal HVAC*
⌚	Added lifespan	<25 years	50+ years
\$	Added Investment	\$0	\$6 M
\$	Utility Savings over 50+ years	-	\$4 M
\$	Other Operational Savings	-	\$\$
\$	Potential IRA Tax Credit	-	Likely, 30%
🌿 🍷	Reduced Annual Greenhouse Gas	-	70 🏠 OR 64 🚗
🌿 🍷	Increased Resilience	🛡️	🛡️ 🛡️ 🛡️

\*May be potential to expand geothermal footprint for additional benefits.

# Sustainable Design Milestones

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Learn more about the project and leave your feedback at any point in the design process.

**[alexandriava.gov/CityHall](https://alexandriava.gov/CityHall)**

We appreciate your participation!

