EVERGREEN VALLEY COLLEGE AUTO TECH BUILDING:
STATE OF THE ART TECHNOLOGY + SUSTAINABILITY =
STATE OF THE ART STUDENTS!
Who We Are

Jonathan McMurtry
Lionakis

Owen Letcher
San Jose-Evergreen CCD

Andy Reilman
Integral Group
BACKGROUND OF THE DISTRICT

- Local Industry – Silicon Valley
- Electric Vehicles
- Automotive Technology Program Diversity
DISTRICT LEED PLATINUM DECISIONS

- Easy Decisions
  - Daylighting
  - EV Charging Stations
  - Renewable Solar Energy

- Head Scratcher Decisions
  - Preferred HOV and Bicycle Parking

- Hard Decisions
  - Reclaimed Water
Daylighting
LEED SILVER TO PLATINUM

- Campus Recycling Program
- Daylighting
- Natural Ventilation
MECHANICAL CONSIDERATIONS

- Natural Ventilation
- Net Zero Ready
- Tie in to Central Plant
MIXED MODE VENTILATION STRATEGY

FAN COILS IN EACH SPACE...SERVED FROM THE CENTRAL ENERGY PLANT...ARE DEACTIVATED WHEN WINDOWS ARE OPEN.
NET ZERO READY

EUI = 30
Building Entry
Connections to the Outdoors
Covered Bay Space
Hands-On Learning
CONTACTS

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