

Santa Monica College – Malibu Center

Joint Powers Authority Meeting - April 4, 2013

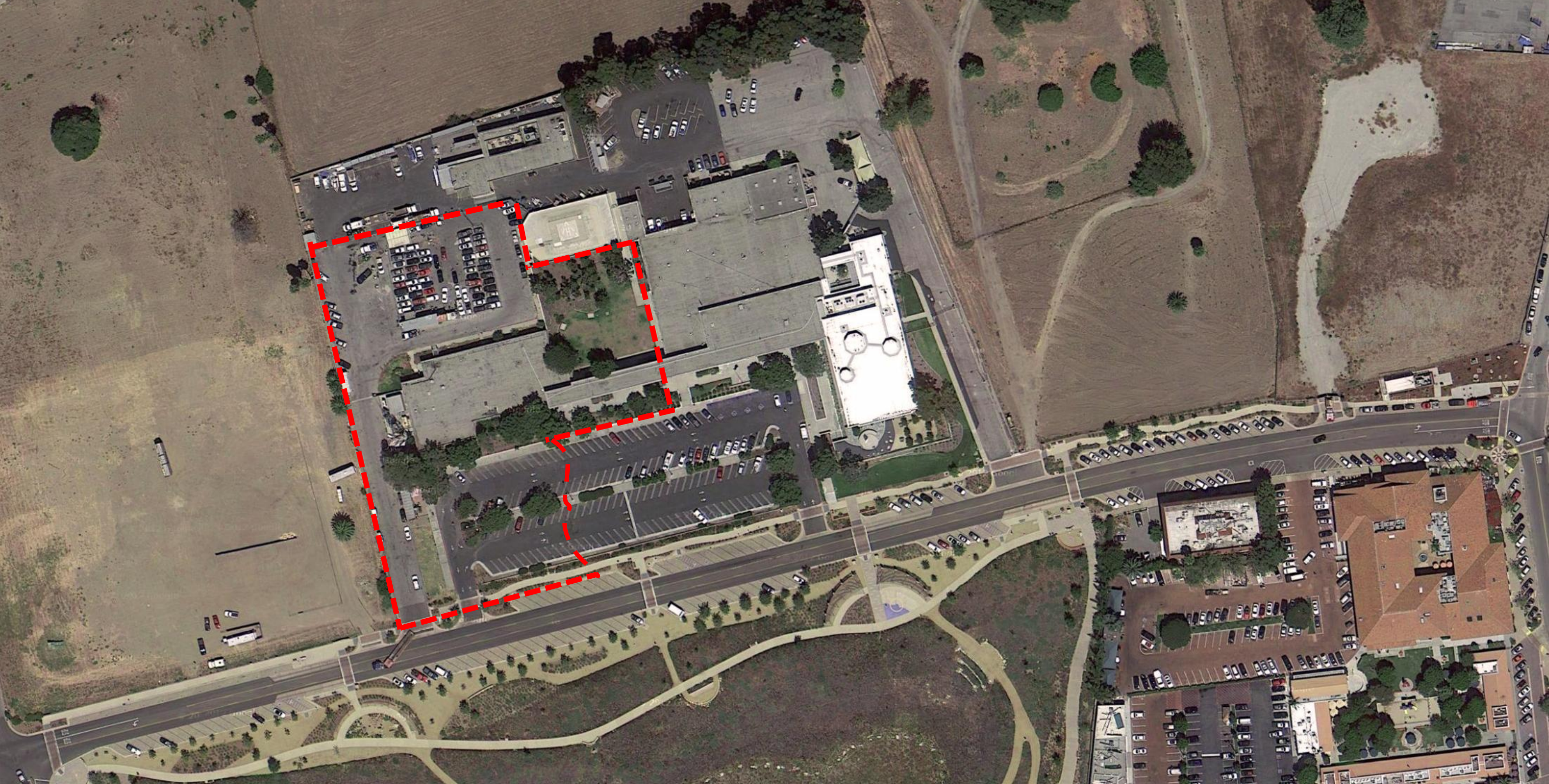


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Architecture
Planning

uattro
design group



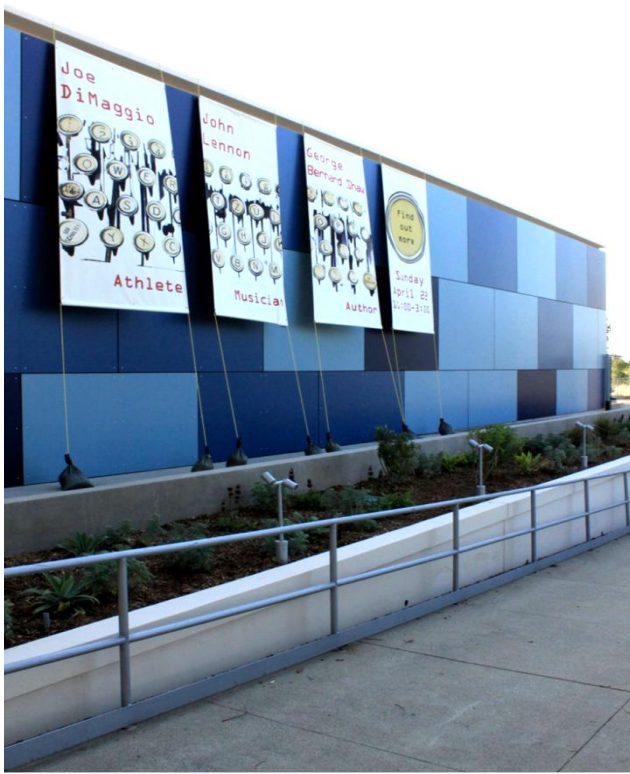
Existing Site Images

Aerial Map



Existing Site Images

Bird's Eye View looking East



Existing Site Images

Existing Buildings

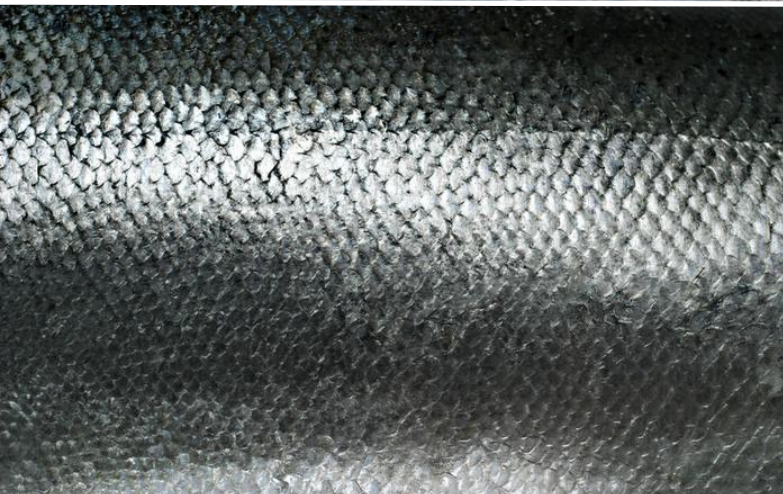


Existing Site Images



Existing Site Images

View from PCH



Referent Imagery

187 Parking Spaces
for SMC use

10 Secure parking
spaces for Sheriff's
use

32,125 square feet
landscape, including
green roof

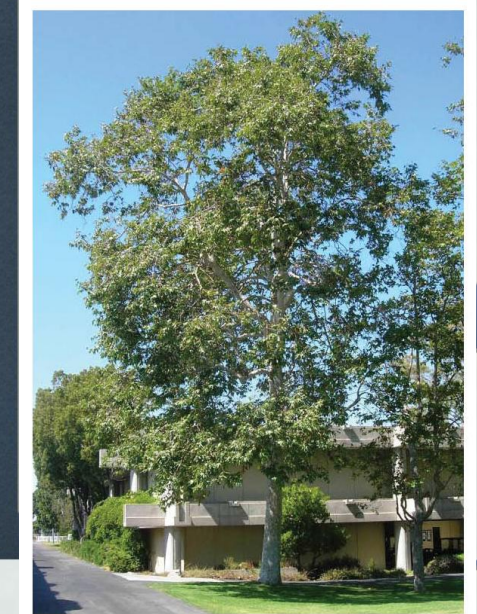
Project Limits



Site Plan



Palo Verde Tree



California Sycamore



Date Palm

Landscape

Plan view

- Circulation
- Sheriff's Sub-station
- SMC
- Support Spaces

16,992 Square feet



Ground Floor Plan

■ Circulation

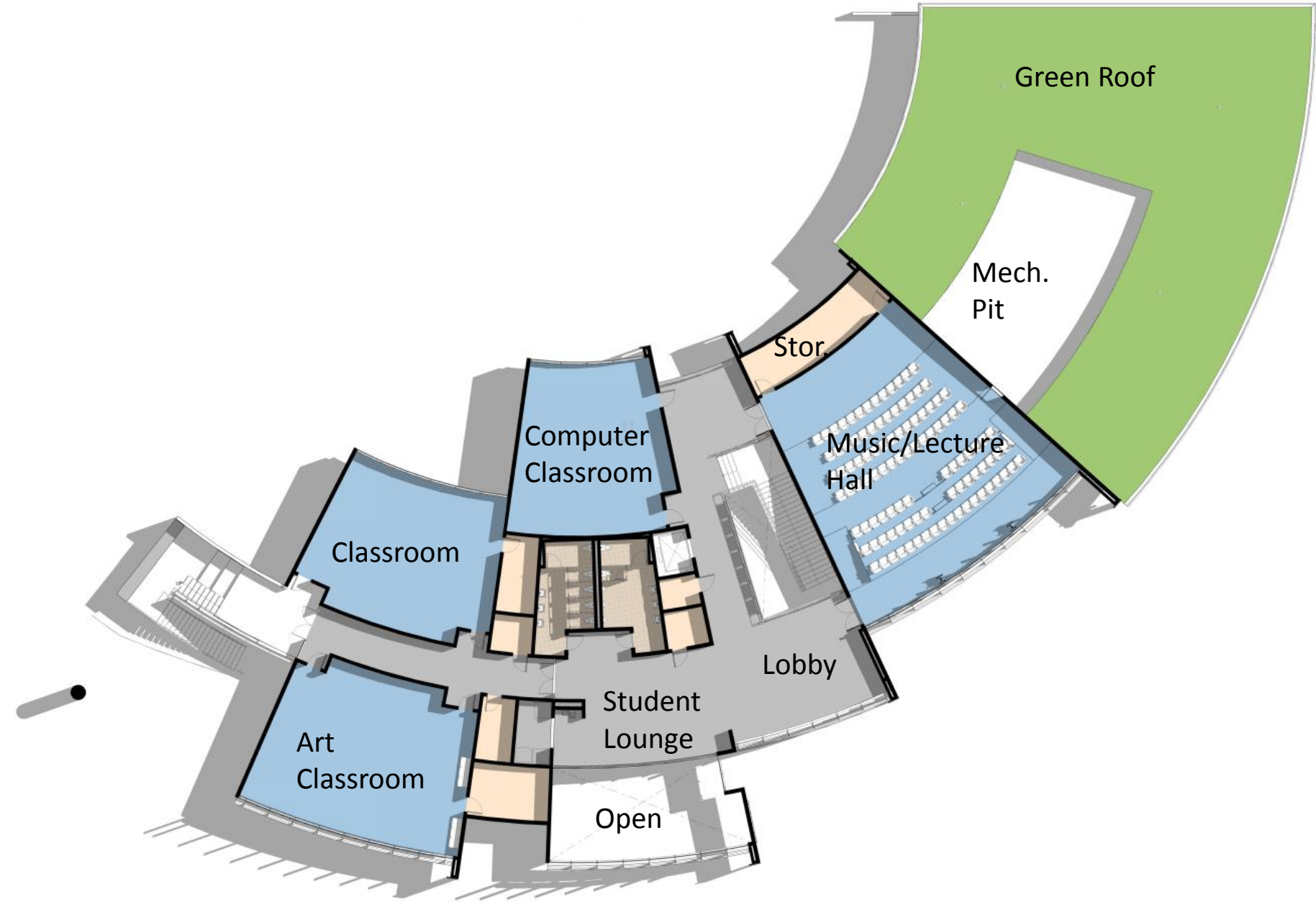
■ Sheriff's Sub-station

■ SMC

■ Support Spaces

8,643 square feet

25,635 square feet total

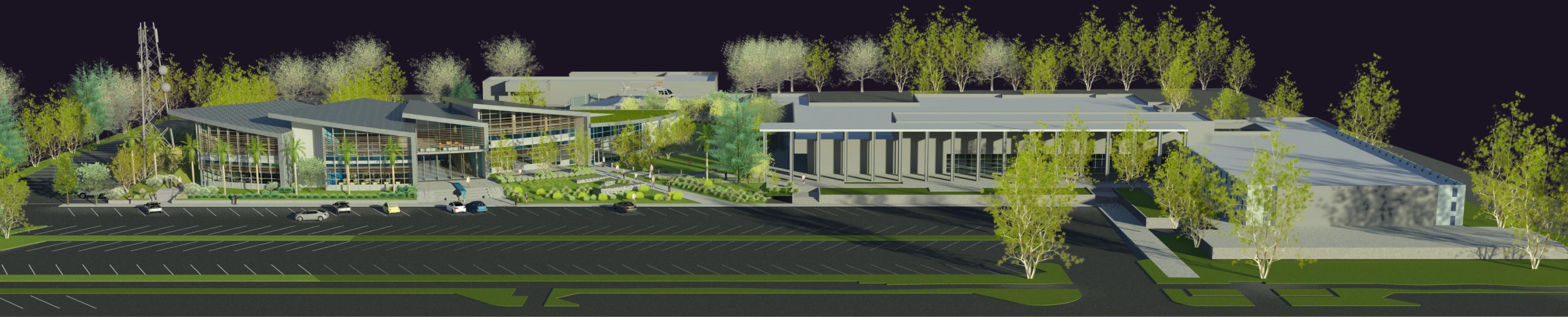


Second Floor Plan



Building Views

Bird's Eye View looking Northwest



Building Views

Site view



Building Views

Overall South Elevation



+75' NEW EMERGENCY COMMUNICATIONS TOWER

+35' PROPOSED BUILDING HEIGHT

+25' EXISTING ARCADE

+0' GROUND FLOOR ELEV

-4' PARKING LOT ELEV



Building Views

View of Main Entrance



Building Views

View of Main Entrance



Building Views

View looking Northwest



Building Views

View of South Elevation



Building Views

View of Main Lobby



Building Views

Interpretive Center and Art Classroom



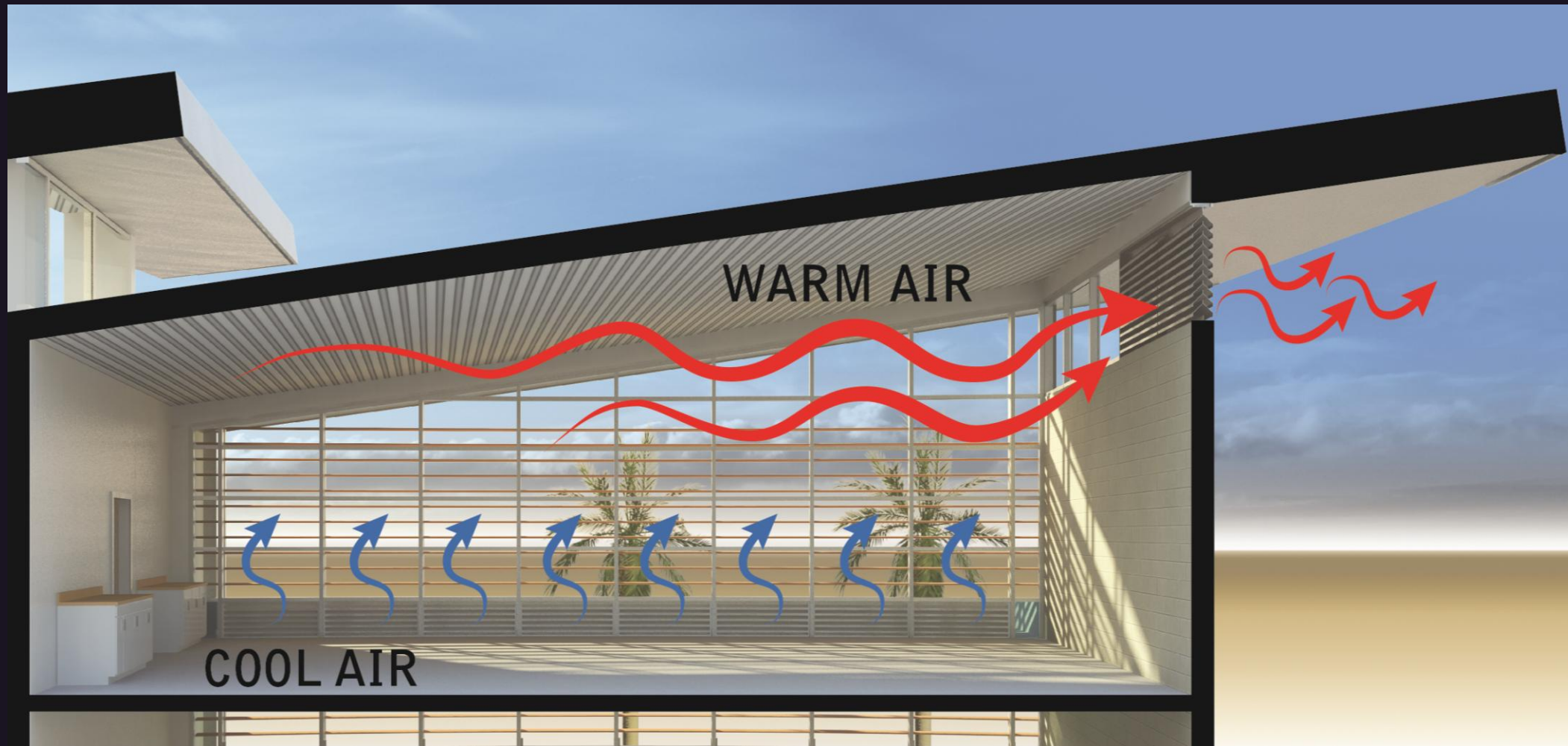
Building Views

Central Courtyard view



Building Views

Aerial looking Southeast



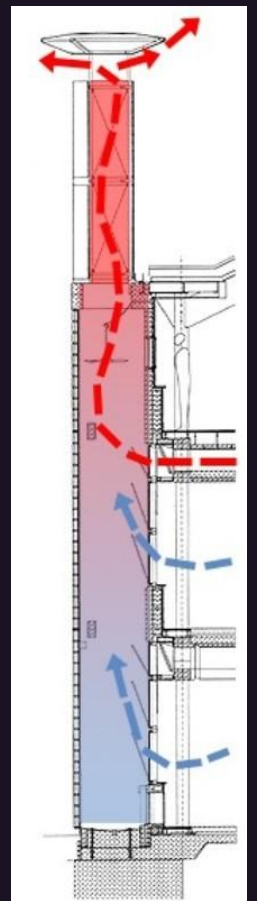
Section through classroom

Advantages:

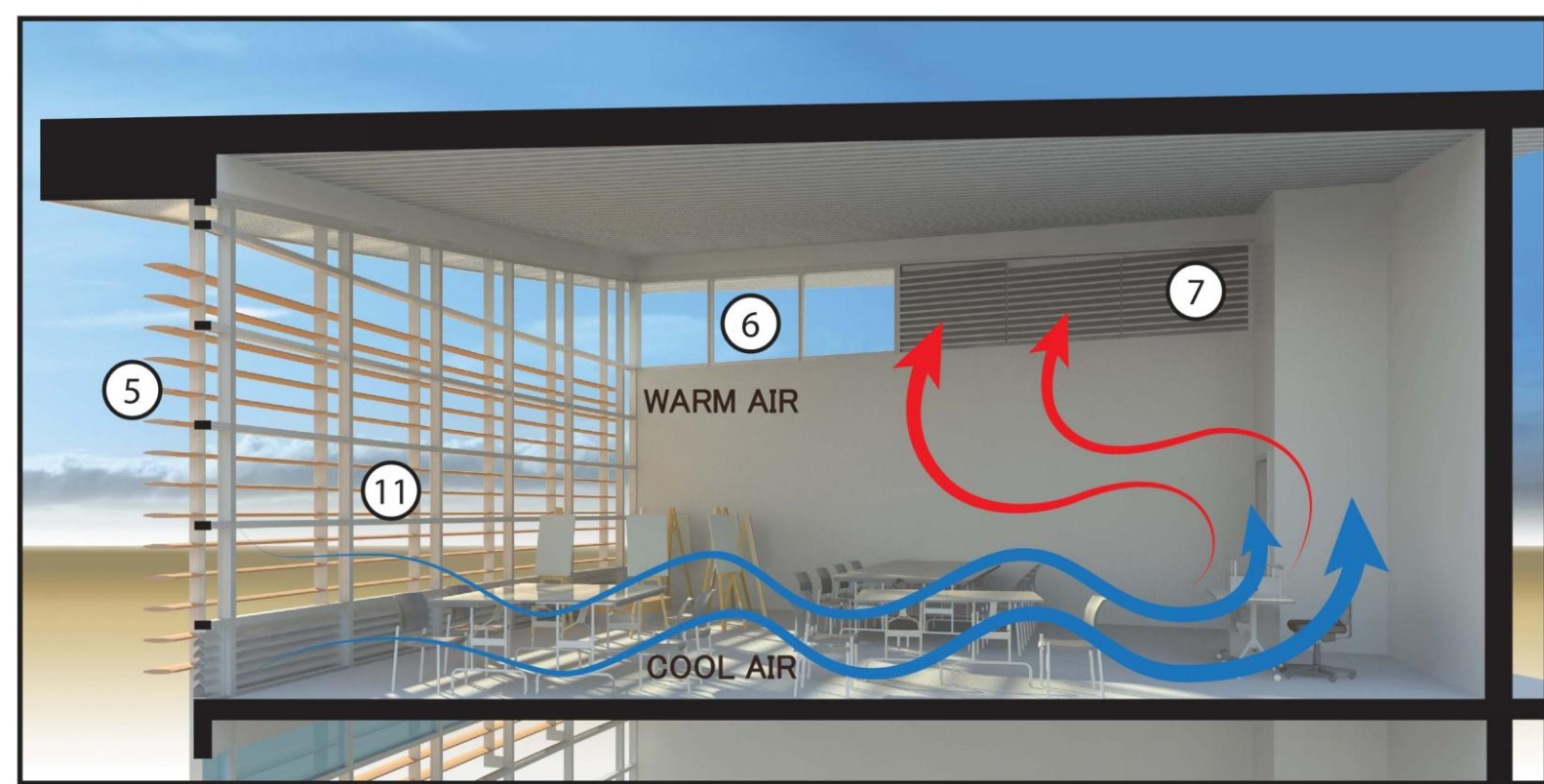
- Low energy
- Does not rely on wind: can take place on still, hot summer days when most needed.
- Natural occurring force (convection)
- Stable air flow (compared to wind)
- Greater control in choosing areas of air intake
- Sustainable method.



Windcatcher concept



Natural Ventilation Belfry concept



**SECTION A-A THROUGH CLASSROOM:
NATURAL CONVECTION**

- | | |
|---|-------------------------|
| ① GREEN ROOF | ⑦ VENTILATION LOUVERS |
| ② 30% PERMEABLE PAVING | ⑧ BICYCLE PARKING |
| ③ STORM WATER RETENTION BASIN | ⑨ PUBLIC TRANSPORTATION |
| ④ DROUGHT TOLERANT LANDSCAPING | ⑩ FARMER'S MARKET |
| ⑤ SUN SHADES / ADVANCED LIGHTING CONTROLS | ⑪ NATURAL DAY LIGHTING |
| ⑥ HIGH EFFICIENCY DUAL PANE GLAZING | ⑫ RECYCLING AREA |



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