Update on New Administration & Operations Facility

Board of Directors Meeting
Strategic Planning Session
April 2, 2014
LOCATION

Santa Clara River Valley

Agricultural Region
SITE
PREVAILING WINDS

W (11 months)

NE (December)
SUN ANGLES

MAR 21, 2014

SunCalc for Oxnard, CA, USA on 21 Mar, 2014 now

06:34 — dawn
07:00 — sunrise
13:04 — solar noon
19:00 — sunset
19:36 — dusk
More detailed >
SITE PLAN

- FUELING
- WASH
- MAINTENANCE
- ADMINISTRATION & OPERATIONS
- Bus Parking
- Employee Parking
- Fueling Bus Parking
- Employee Parking
DESIGN FEATURES
planters  bioswale
building materials

concrete  metal panel  masonry
screens
SUSTAINABILITY

CALGreen (highlights)
- Stormwater pollution prevention
- Light pollution reduction
- Separate water meters of subsystems
- 20% reduction of indoor water use
- Wastewater reduction
- Standard plumbing fixtures
SUSTAINABILITY

CALGreen (highlights cont.)
- Construction waste reduction, 50%
- Recycling by occupants
- Building commissioning
- Flooring VOC limits
- CO$_2$ indoor air monitoring
SUSTAINABILITY

U.S. Green Building Council (USGBC)
• Private 501(c)3
• Membership-based
• Non-profit organization
• Promotes sustainability in how buildings are designed, built, and operated
• Leadership in Energy and Environmental Design (LEED)
LEED v4 (Leadership in Energy and Environmental Design)

• 100 possible base points
• Six credit categories
  1. Sustainable Sites
  2. Water Efficiency
  3. Energy and Atmosphere
  4. Materials and Resources
  5. Indoor Environmental Quality
  6. Innovation in Design

• Four levels of certification:
  Certified  40–49 points
  Silver    50–59 points
  Gold      60–79 points
  Platinum  80 points and above
building architecture

OPTION 1

- Masonry
- Metal: admin/ops bdg 2nd floor
- Flat roof on maintenance bldg
Admin/OPS
25,800 sq.ft.

Maintenance
45,800 sq.ft.
OPTION 2

-Tilt-Up Concrete
-Metal: admin/ops bdg 2nd floor
-Flat roof on maintenance bldg
Admin/OPS
24,900 sq.ft.

Maintenance
45,800 sq.ft.
OPTION TWO
OPTION 3

- Masonry
- Pitched roof on maintenance bldg
Admin/OPS
25,800 sq.ft.

Maintenance
45,800 sq.ft.
3