

# SUSTAINABILITY STRATEGIES DIAGRAM

Strategies applicable to all buildings in the core campus area.

12 14 15 16 17 18 19 20 21 22  
24 23

## LEGEND

### SUSTAINABLE SITES

1. (PR 1.0) Sediment / erosion control plan. Required prior to construction activities.
2. (5.1) Site disturbance limited to building and outdoor areas.
3. (5.2) Open space requirement exceeds Fox Field requirement by > 25%.
4. (6.2) Removal of 80% of suspended solids in storm water through a series of landscaped retention basins.
5. (7.2) Energy Star roofs with high reflectance & high emissivity characteristics.
6. (7.1) Light colored (High Albedo) paving materials.
7. (7.1) 50% pervious material for 50 % of parking areas.
8. (8.0) Site lighting levels equal to 1 foot candle.\* Zero direct beam illumination leaves each building site. \* At all areas except EVOC.

### WATER EFFICIENCY

9. (1.1) Water retained for reuse and high efficiency landscape irrigation.
10. (3.1) Water efficient plumbing fixtures.
11. (3.1) Water efficient plumbing fixtures to achieve 30% savings.

### ENERGY & ATMOSPHERE

12. (PR 1.0) Building Commissioning
13. (1.2) Up to 30 % reduction in energy cost through use of photo voltaic cells and micro turbines.
14. (3.0) Additional commissioning
15. (4.0) No HCFC's in fire suppression systems.

### MATERIALS & RESOURCES

16. (2.1) Recycle / salvage construction waste.
17. (4.1) 25% recycled content in new construction materials.
18. (5.2) 20% Regionally manufactured materials.
19. (7.0) 50% of wood based material to be certified consistent with Forest Stewardship Council guidelines.

### INDOOR ENVIRONMENTAL QUALITY

20. (1.0) CO2 Monitoring for all enclosed buildings.
21. (3.1) Mandatory construction air quality management. (3.2) Mandatory 2 week building flush-out with 100% fresh air.
22. (4.1) Building adhesives meet VOC limits of SCAQMD Rule 1168 and all sealants meet BAAQMD Regulation 8, Rule 51. (4.2) Paints & coatings meet Green Seal requirements. (4.3) Carpet systems meet Green Label Indoor Air Quality Test Program. (4.4) Composite woods contain no added urea-formaldehyde resins. 23. (5.0) Design measures to minimize cross construction.
24. (8.1) Daylight factor of 2% for 75% of all spaces occupied for critical visual tasks. (8.2) Direct line of site to vision glazing from 90% occupied spaces.

POTENTIAL POINTS TOTAL = 35  
( ) US Green Building Council LEED credit number.



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|-------------------------------|---------------------------------------|
| A. Reception Plaza            | H.1 Physical Training (Phase 2)       |
| B. Administration             | I. Classrooms                         |
| C. Auditorium / Multipurpose  | J. Emergency Vehicle Operation Center |
| D. Museum & Gift Shop         | K. Fire Arms Training                 |
| E. Emergency Operations       | K.1 Fire Arms Training (Phase 2)      |
| F. Food Service               | L. Assembly Plaza                     |
| G. Resource Center            | M. Central Plant                      |
| G.1 Resource Center (Phase 2) | N. Visitors Center                    |
| H. Physical Training          |                                       |

**NOTE:**  
Specific requirements for each LEED credit are described in memoranda issued as part of the project's Needs Assessment documentation.