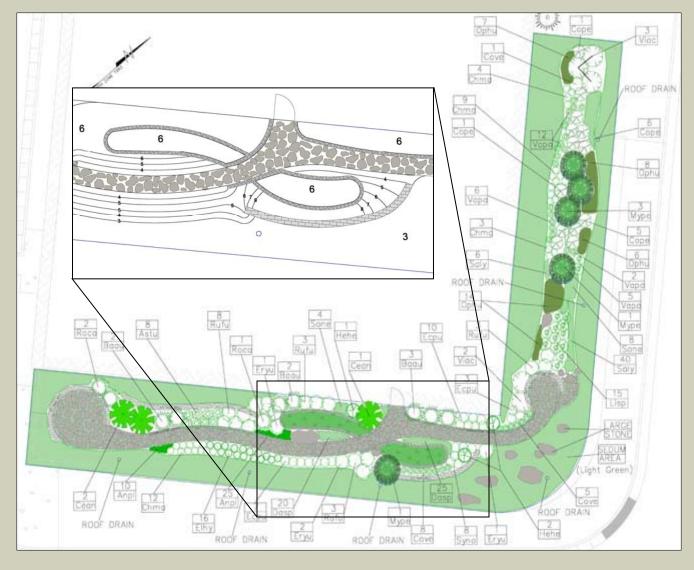




Plans And Outcomes



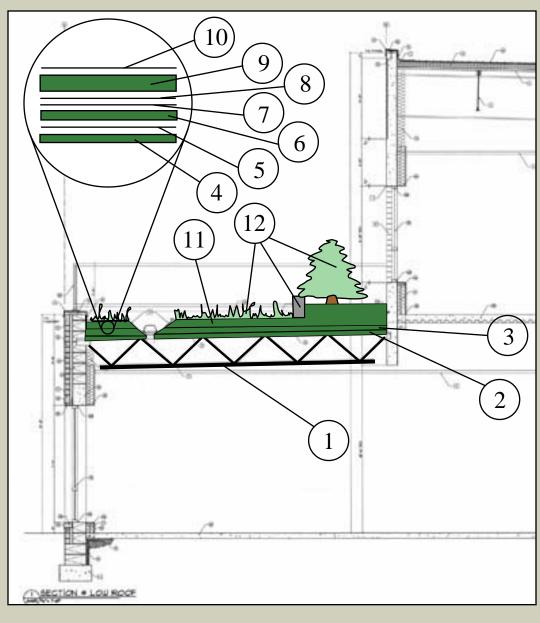
- •Combination of Extensive (3-4" soil) and Intensive (4-9" soil) planting areas
- •Reduces impervious area by 3,626 sf
- •Reduces roof runoff
- •Engineered to support 62 lbs/sf
- •Increases green area and provides amenity

•Cost: \$31.80/sf

installed



GREEN ROOF CROSS-SECTION



- 1. Steel joist
- 2. Metal roof deck
- 3. 5" R-30 foam insulation
- 4. ½" gypsum protection board
- 5. 75 mil ethylene propylene diene monomer (EPDM) membrane
- 6. ½" foam protection board
- 7. 40 mil high-density polyethylene (HDPE) root barrier
- 8. Protection fabric
- 9. 1" drainage layer
- 10. Filter fabric
- 11. 3-9" lightweight growing medium
- 12. Stone features, sedum, native perennials and shrubs































































































