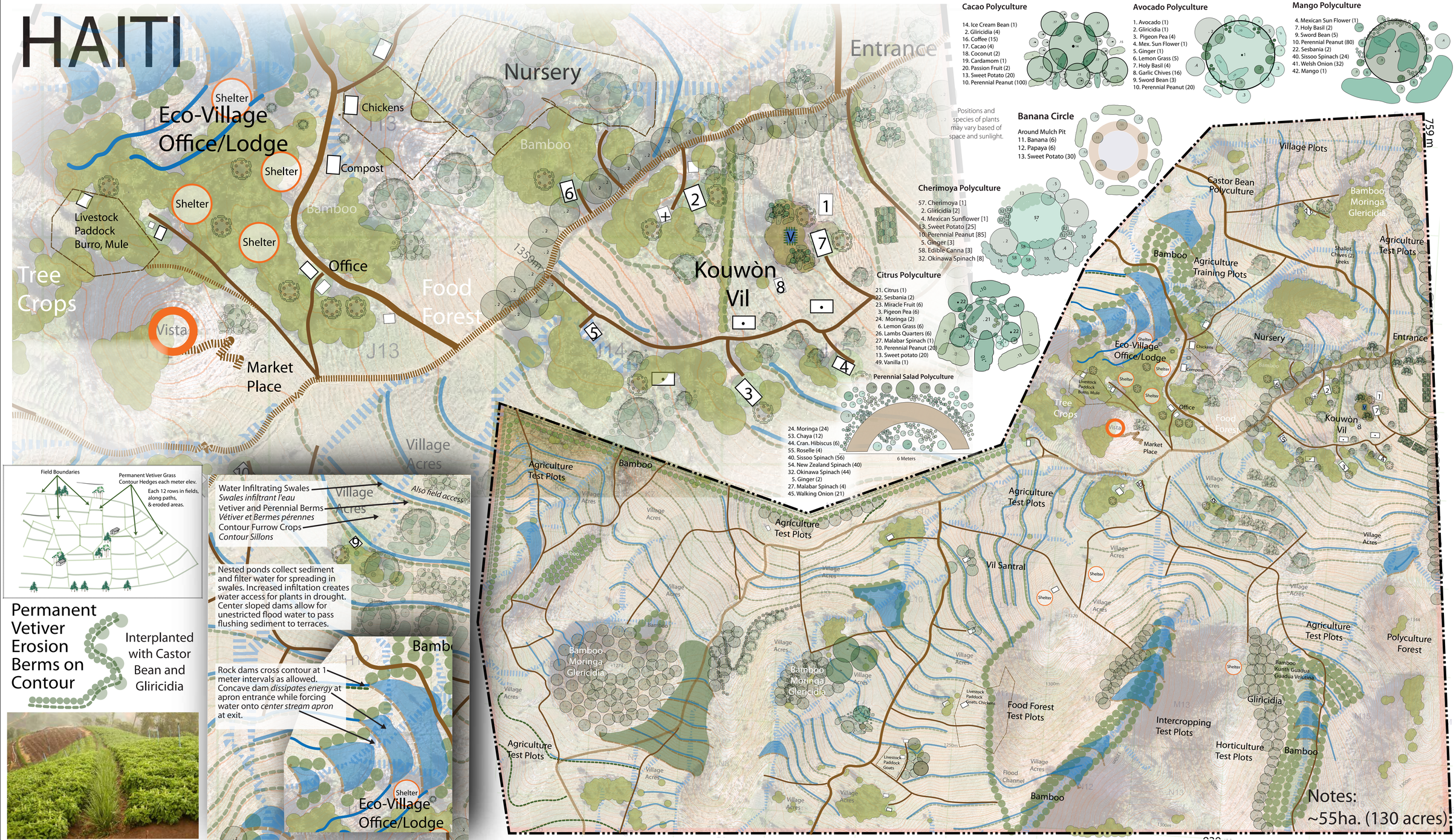
HAITI



Cacao Polyculture

14. Ice Cream Bean (1)
2. Gliricidia (4)
16. Coffee (15)
17. Cacao (4)
18. Coconut (2)
19. Cardamom (1)
20. Passion Fruit (2)
13. Sweet Potato (20)
10. Perennial Peanut (100)

Avocado Polyculture

1. Avocado (1)
2. Gliricidia (1)
3. Pigeon Pea (4)
4. Mex. Sun Flower (1)
5. Ginger (1)
6. Lemon Grass (5)
7. Holy Basil (4)
8. Garlic Chives (16)
9. Sword Bean (3)
10. Perennial Peanut (20)

Mango Polyculture

4. Mexican Sun Flower (1)
7. Holy Basil (2)
9. Sword Bean (5)
10. Perennial Peanut (80)
22. Sesbania (2)
40. Sissoo Spinach (24)
41. Welsh Onion (32)
42. Mango (1)

Positions and species of plants may vary based of space and sunlight.

Banana Circle

Around Mulch Pit
11. Banana (6)
12. Papaya (6)
13. Sweet Potato (30)

Cherimoya Polyculture

57. Cherimoya [1]
2. Gliricidia [2]
4. Mexican Sunflower [1]
13. Sweet Potato [25]
10. Perennial Peanut [85]
5. Ginger [3]
58. Edible Canna [3]
32. Okinawa Spinach [8]

Citrus Polyculture

21. Citrus (1)
22. Sesbania (2)
23. Miracle Fruit (6)
3. Pigeon Pea (6)
24. Moringa (2)
6. Lemon Grass (6)
26. Lambs Quarters (6)
27. Malabar Spinach (1)
10. Perennial Peanut (20)
13. Sweet potato (20)
49. Vanilla (1)

Perennial Salad Polyculture

24. Moringa (24)
53. Chaya (12)
44. Cran. Hibiscus (6)
55. Roselle (4)
40. Sissoo Spinach (56)
54. New Zealand Spinach (40)
32. Okinawa Spinach (44)
5. Ginger (2)
27. Malabar Spinach (4)
45. Walking Onion (21)

6 Meters

Permanent Vetiver Erosion Berms on Contour

Interplanted with Castor Bean and Gliricidia

Water Infiltrating Swales
Swales infiltrant l'eau
Vetiver and Perennial Berms
Vétiver et Bermes pérennes
Contour Furrow Crops
Contour Sillons

Also field access

Nested ponds collect sediment and filter water for spreading in swales. Increased infiltation creates water access for plants in drought. Center sloped dams allow for unestricted flood water to pass flushing sediment to terraces.

Rock dams cross contour at 1 meter intervals as allowed. Concave dam *dissipates energy* at apron entrance while forcing water onto *center stream apron* at exit.

Eco-Village Office/Lodge

Southwoods Ecosystems
Homestead & Ecological Design

Designer:
Daniel Halsey
Halsey Creative Services, Inc.
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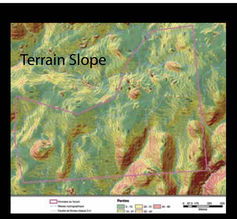
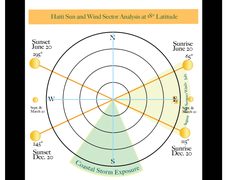
Afenbô Communauté
Doucet Didier Fabrice
Seguin, Haiti
(Platon Blanc)

AFENBO



Key

Water Access
Well
Swale
Path
Road
Property Line
Acreage Line
Large Equip. Access
Water Tank
Creek
Septic Line (Approx.)
Retaining Wall



Climate: Tropical Monsoon (am)
Landform: Massif De La Selle Foothills
Soil Type:
pH:
Growing Zone: 8a
Latitude: 18°17′ N
Elevation: 1200m-1400m
Annual Precipitation: 1714mm
Prevailing Winds:

Date: Feb. 2017
Scale: 1cm = 20m
Final Draft Design

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