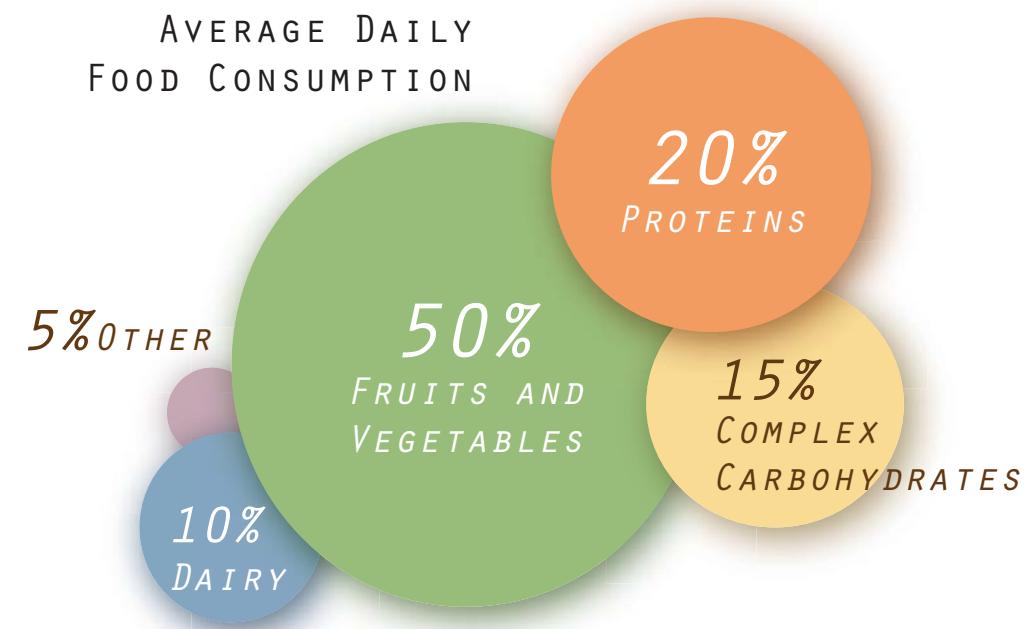
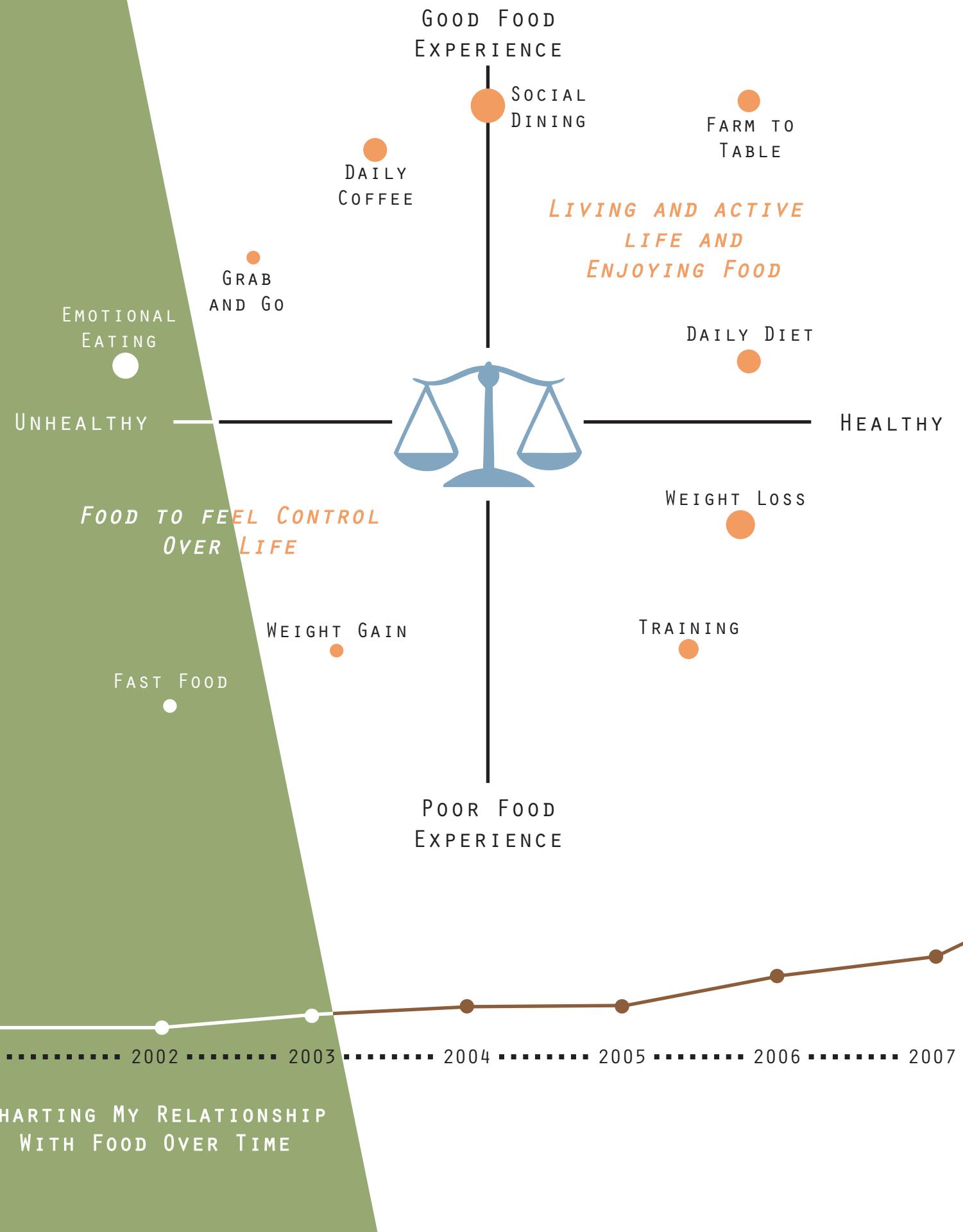


A NEW TYPE OF FARM

DIGITAL SKETCHBOOK

FLOCKTOWN FARM
SCHOOLEYS MOUNTAIN, LONG VALLEY, NEW JERSEY

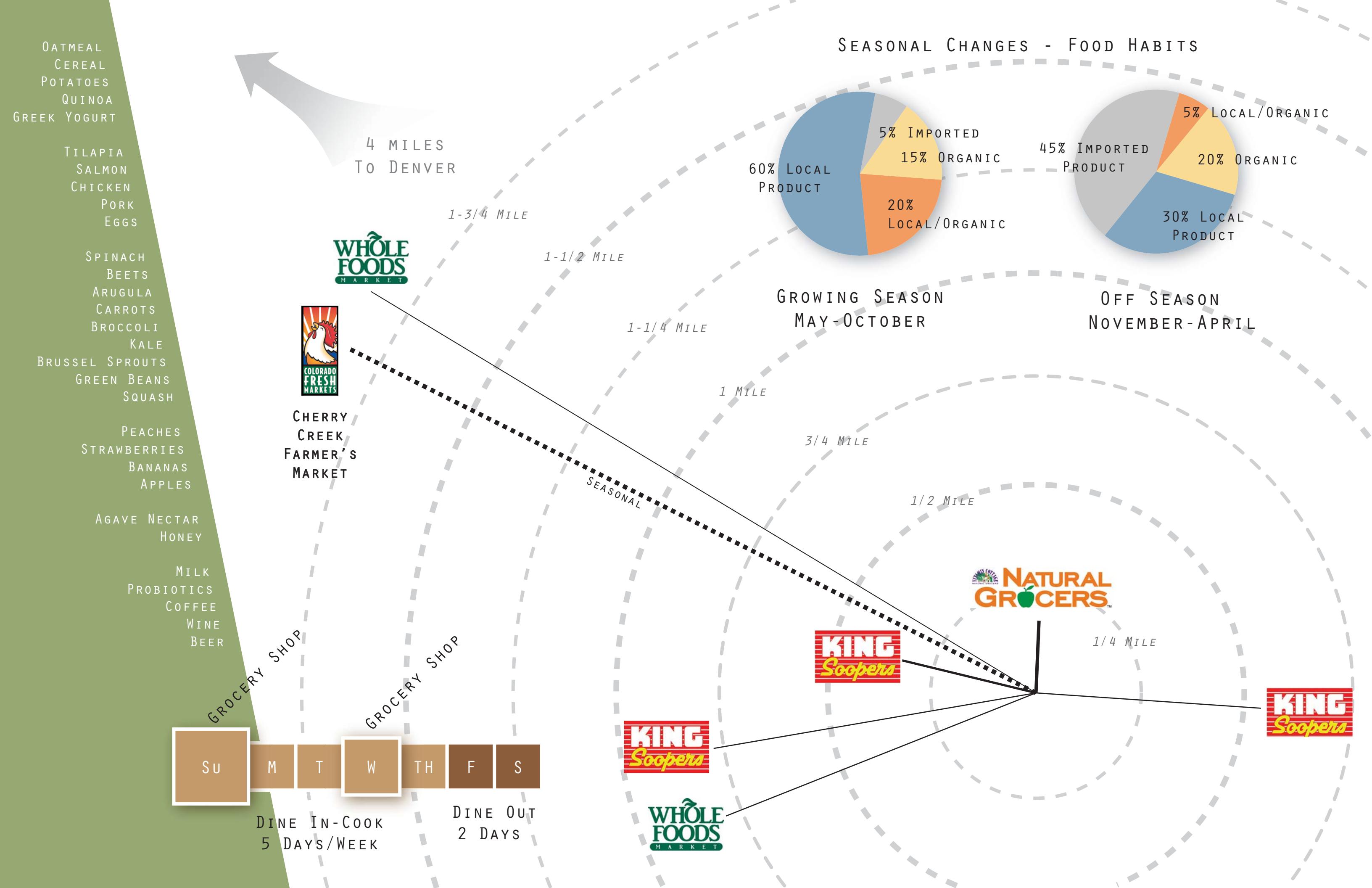
Food: A Consumer's Relationship

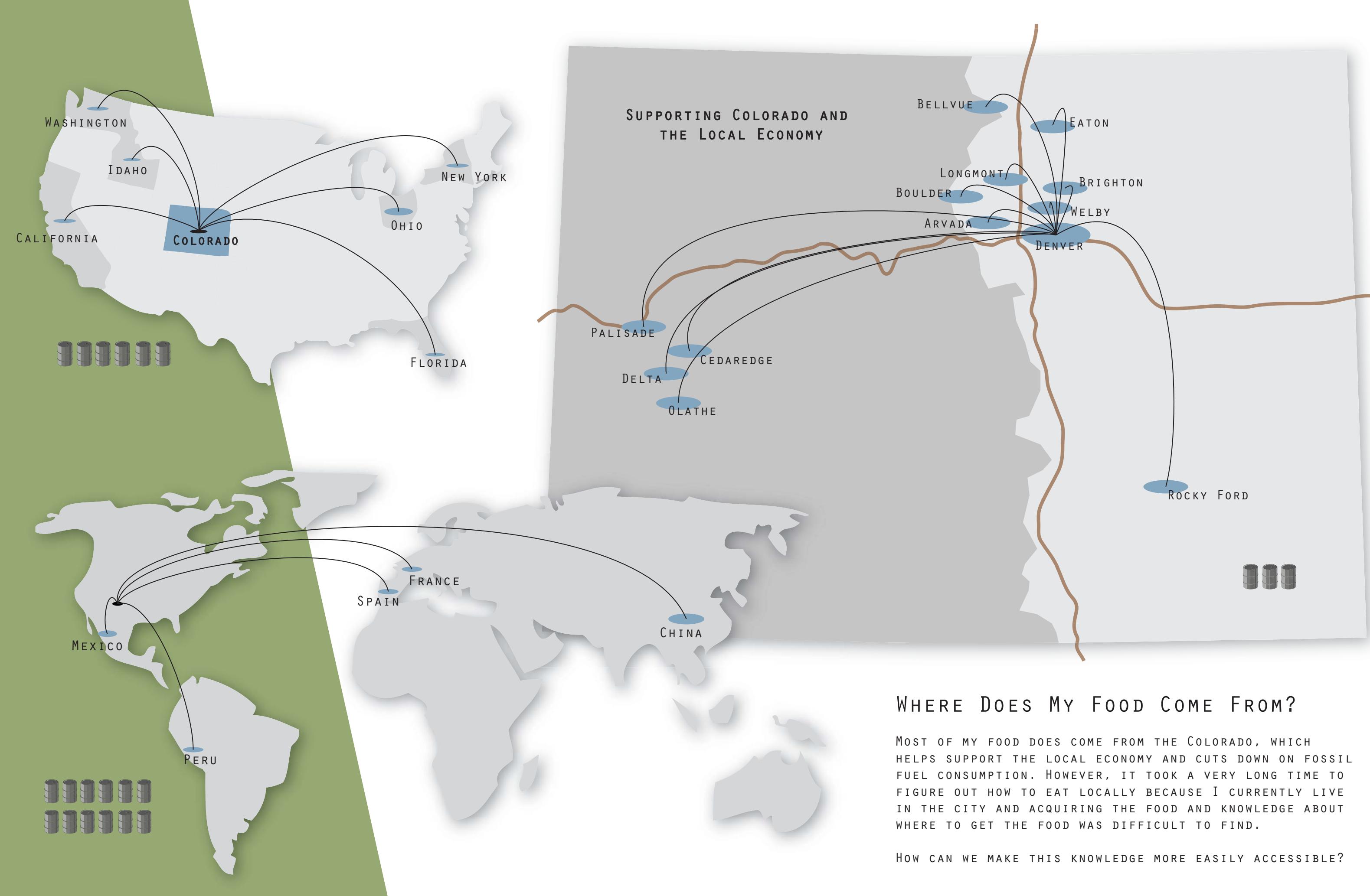


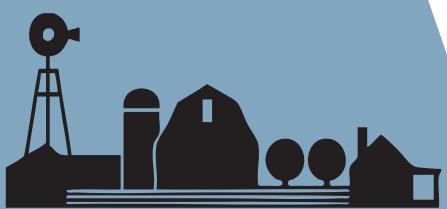
A CONSCIOUS MENTAL SHIFT:

IN 2009, THE STATE OF MY HEALTH HIT AN ALL TIME LOW. IT WAS AT THIS TIME THAT I MADE A CONSCIOUS MENTAL SHIFT TO START EATING HEALTHY AND TO RECONNECT TO MY FOOD. I CHANGED MY DIETARY HABITS TO SUPPORT MY BODY IN ITS RECOVERY, AND I BEGAN EATING AS LOCAL AND ORGANIC AS POSSIBLE, AS IT IS ALSO EXTREMELY IMPORTANT FOR ME TO UNDERSTAND WHERE MY FOOD WAS COMING FROM. I BEGAN THE LONG ROAD TO ACHIEVING BALANCE BETWEEN EATING AS AN EXPERIENCE AND FOOD AS FUEL, IN ORDER TO LIVE A MORE ACTIVE LIFESTYLE.





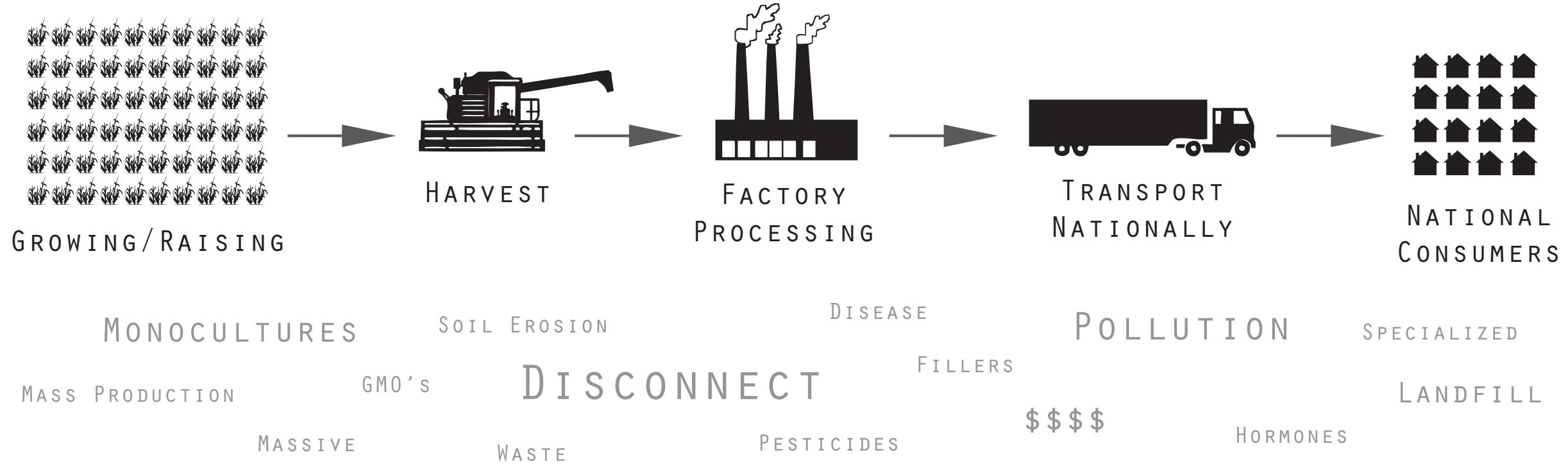




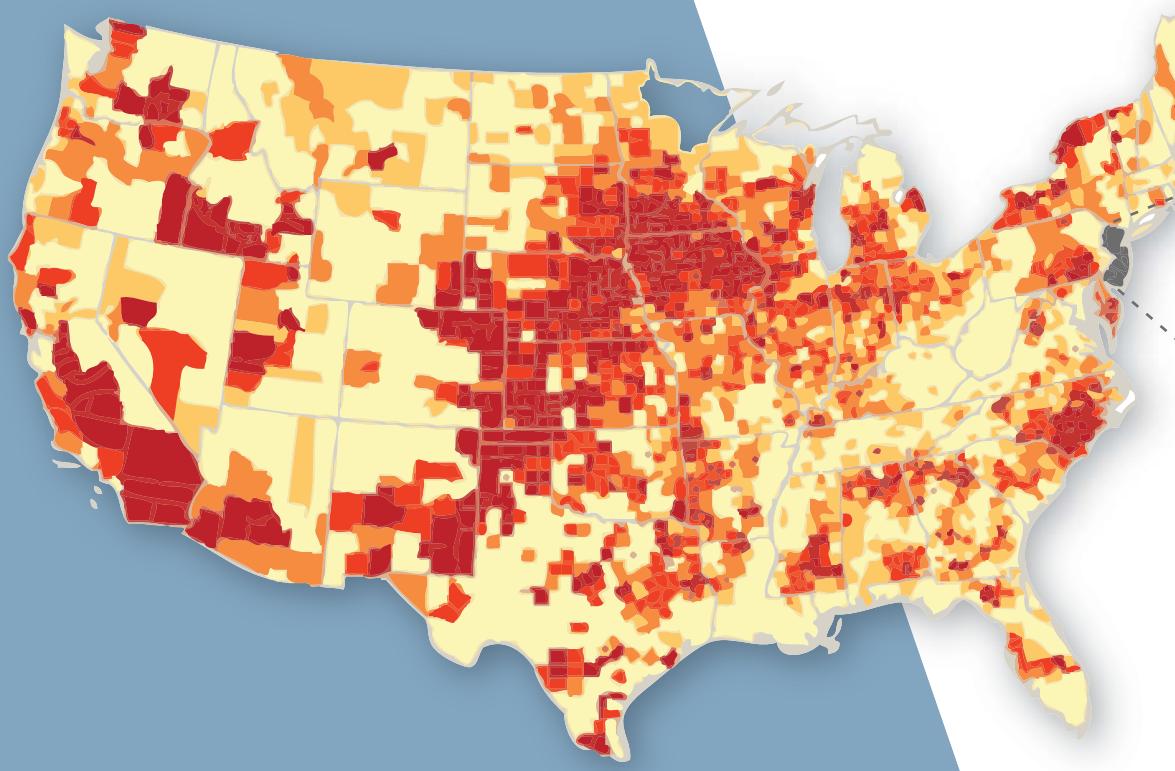
THE INDUSTRIAL FARM

UNETHICAL TREATMENT
ANIMALS ONLY

CROPS ONLY
ANTIBIOTICS



LESS INDUSTRIAL FARMING = MORE SMALL FARM OPPORTUNITIES



EXTREME

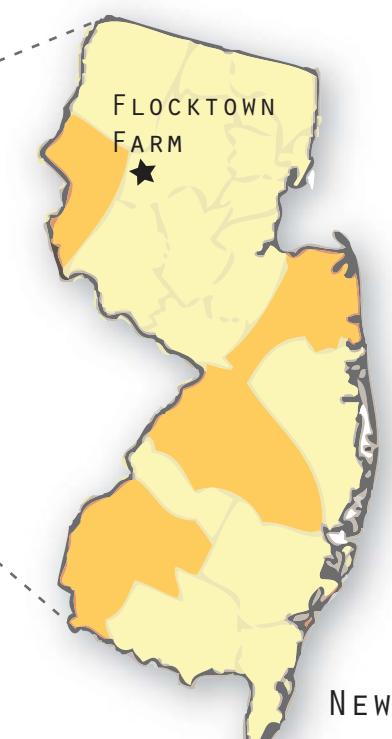
SEVERE

HIGH

MODERATE

None

UNITED STATES
INDUSTRIAL FARM DENSITIES



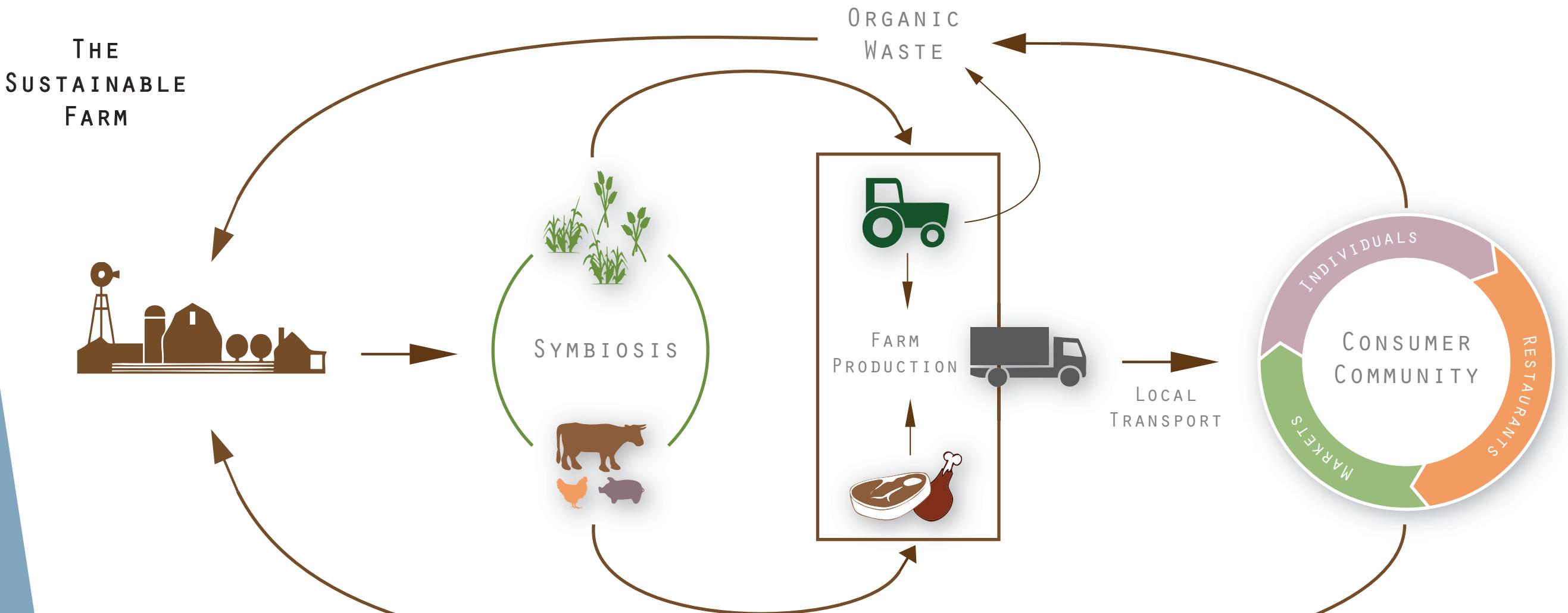
LOGICAL APPROACH

NEW JERSEY

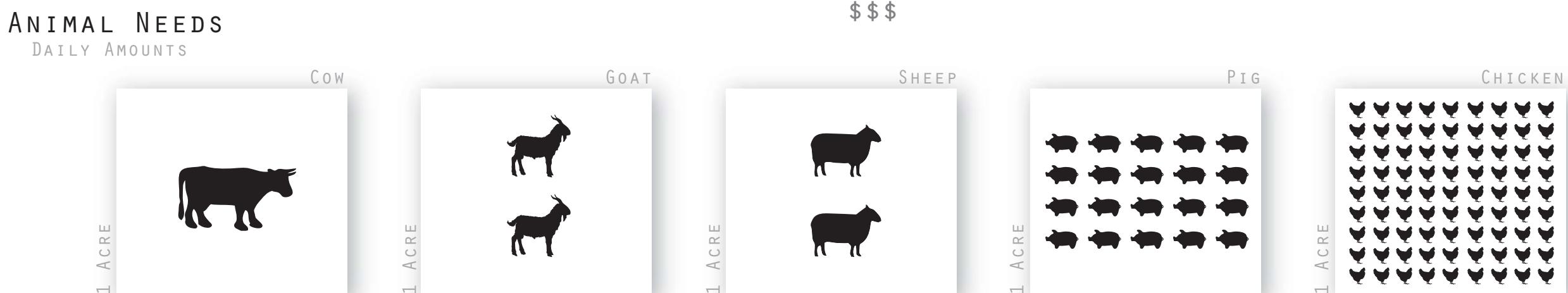


SMALL FARMS
SUPPORTING LOCAL ECONOMIES

HEALTHY
 SMALL
 BACK TO THE LAND
 EDUCATION
 FARM TO TABLE
 ROTATIONAL GRAZING
 PROUD
 RECONNECT
 DIVERSE
 AGRITOURISM

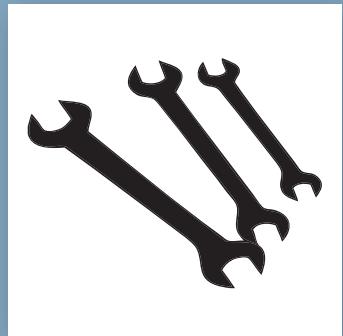


HAPPY
 VERSITILE
 ORGANIC
 CROP ROTATION
 LOCAL ECONOMY
 POLLUTION REDUCTION
 RECYCLE



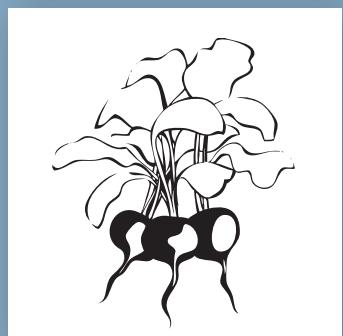
Grazing :	1-1.5 acres/cow	0.5 acre/goat	0.5 acre/sheep	20 pigs/acre	80-100 chicken/acre
Shelter:	100 sq.ft./cow	100 sq.ft./goat	100 sq.ft./sheep	80 sq.ft./pig	65 sq.ft./chicken
Food:	2-3% body weight	2-3 lbs feed/goat	2-3% body weight	4-6 lbs feed/100 lbs	2-3% body weight
Water:	8-15 gallons/cow	1-2 gallons/goat	1-3 gallons/sheep	1-6 gallons/pig	1 gallon/10 chickens
Waste:	60-65 lbs/cow	5 lbs/goat	5 lbs/sheep	10-14 lbs/pig	0.25 lbs/chicken

THE OFF-SEASON



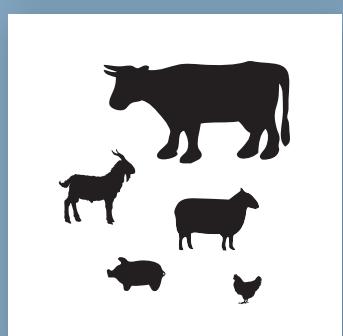
MAINTENANCE

EQUIPMENT, MACHINERY,
INFRASTRUCTURE, WATER
SUPPLY SYSTEMS



CROP CARE

GREENHOUSE CROP PRODUCTION,
FIELD PREPARATION FOR THE
COMING SEASON, DESIDING WHAT
CROPS TO INVEST IN FOR THE
NEXT GROWING SEASON



ANIMAL CARE

SENDING ANIMALS TO SLAUGHTER,
HEALTH CHECK-UPS AND OTHER
NEEDS, PREPARATION FOR THE
BIRTHING SEASON



MARKETING

ATTENDING CONFERENCES, FARM SHOWS,
ADJUST MARKETING PLAN, COMMUNITY
VOLUNTEERING AND BENEFITS, ATTEND
AUCTIONS



BUSINESS MANAGEMENT

CONVERSE WITH PRODUCT REPRESENTA-
TIVES, BUY SEEDS, ACCOUNTING, BUY NEW
EQUIPMENT, ATTEND TO FARM STAFF
NEEDS, HIRE NEW WORKERS, EDUCATION,
BUSINESS PROFIT ANALYSIS

JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER

ALFALFA HAY

TOMATOES

SQUASH
(SUMMER)

SQUASH
(WINTER)

HERBS

MUSHROOMS
(CULTIVATE)

MUSHROOMS
(WILD)

ARUGULA

SPINACH

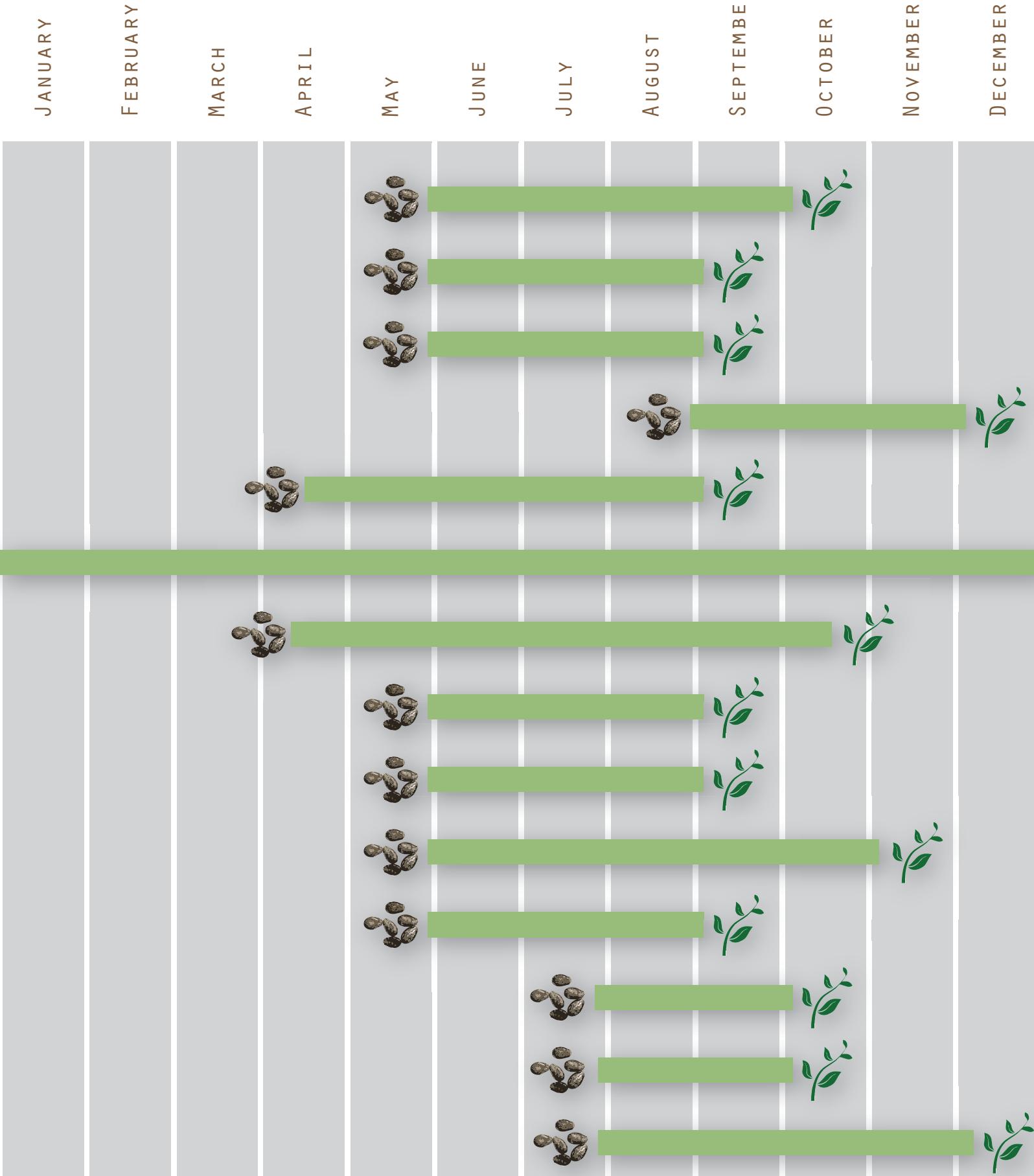
CHARD

HOPS

ONIONS

GARLIC

POTATOES



GROWING SEASONS - NEW JERSEY

SYMBIOTIC RELATIONSHIPS

"INTERACTION BETWEEN TWO DIFFERENT ORGANISMS LIVING IN CLOSE PHYSICAL ASSOCIATION, TYPICALLY TO THE ADVANTAGE OF BOTH."

CHICKENS AND DUCKS:

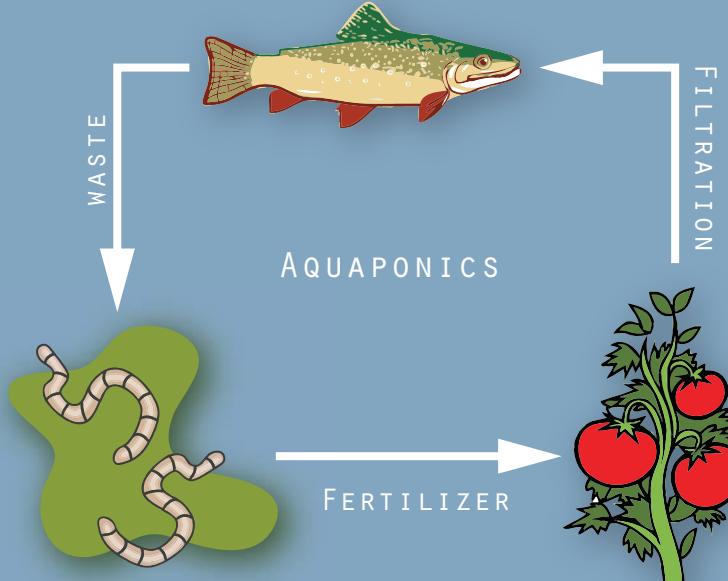
USED FOR PEST CONTROL, AND IN ROTATIONAL GRAZING. DUCKES ARE ESPECIALLY HELPFUL IN PEST CONTROL NEAR WATER.

BETWEEN PLANTS:

PRUNINGS FROM TREES AND SHRUBS TO BE USED AS MULCH FOR CROP BEDS

CROP ROTATION:

HELPS TO MAINTAIN NUTRIENT RICH SOIL

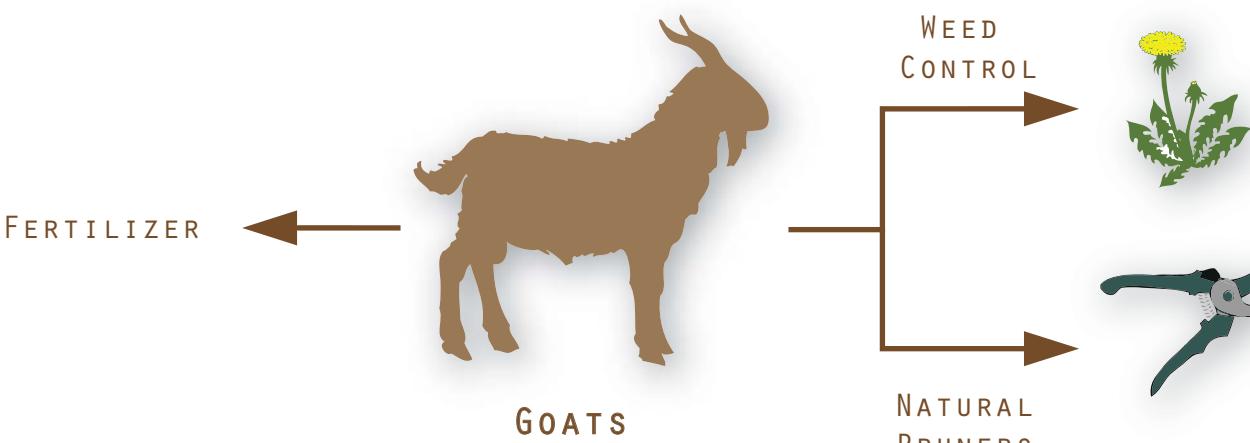
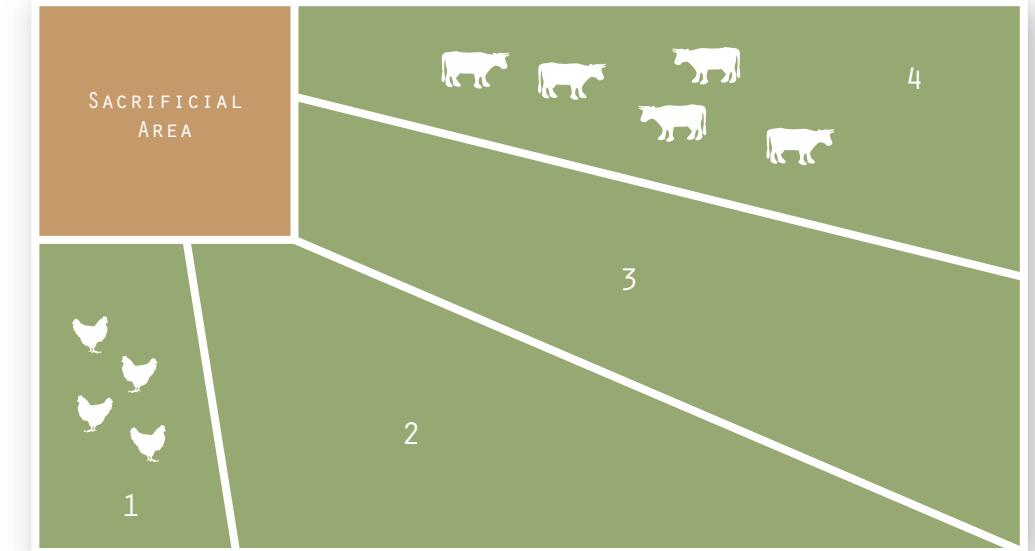


AQUAPONIC FARMING CAN BE ADVANTAGEOUS NOT ONLY BECAUSE OF THE CYCLICAL NATURE, BUT ALSO BECAUSE OF THE FLEXIBILITY IN SIZE/SCALE AND FARM TYPES (I.E. INDOOR, OUTDOOR, OR BOTH)

ROTATIONAL GRAZING:

GRAZING LIVESTOCK SUCH AS CATTLE ARE MOVED SYSTEMATICALLY FROM PASTURE TO PASTURE DAILY WHERE THEY ACT AS NATURAL "MOWERS" FOR THE LAND. THEIR DROPPINGS ACT AS FERTILIZER IN RETURN.

THREE DAYS AFTER THE CATTLE HAVE BEEN IN ONE PASTURE, CHICKENS ARE INTRODUCED TO THAT SAME PASTURE WHERE THEY EAT THE LARVAE AND MICROBES FROM THE CATTLE'S DROPPINGS AND PRODUCE THEIR OWN FERTILIZER AS WELL. THEIR CLAWS HELP TO INTEGRATE THE FERTILIZER INTO THE SOIL.



GOATS ARE NATURAL GRAZERS AS WELL, HOWEVER, THEY ARE NOT A GOOD CHOICE FOR ROTATIONAL GRAZING SINCE THEY RIP THE PLANTS OUT OF THE GROUND RATHER CUTTING IT LIKE CATTLE. BUT...

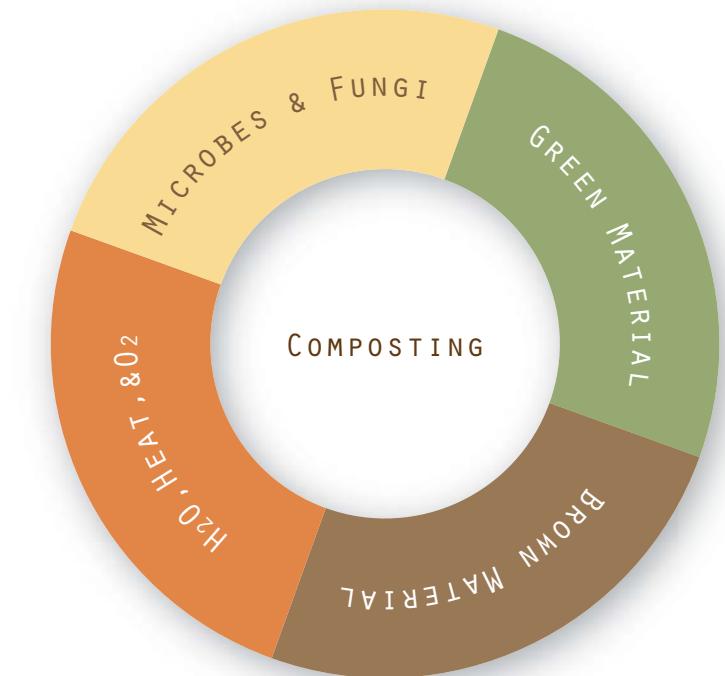
GOATS CAN BE USED ALTERNATIVELY FOR WEED CONTROL AS WELL AS MAINTAINING AND PRUNING BACK BUSHES AND SHRUBS.

COMPOSTING IS WHERE MANY OPPORTUNITIES CAN ARISE:

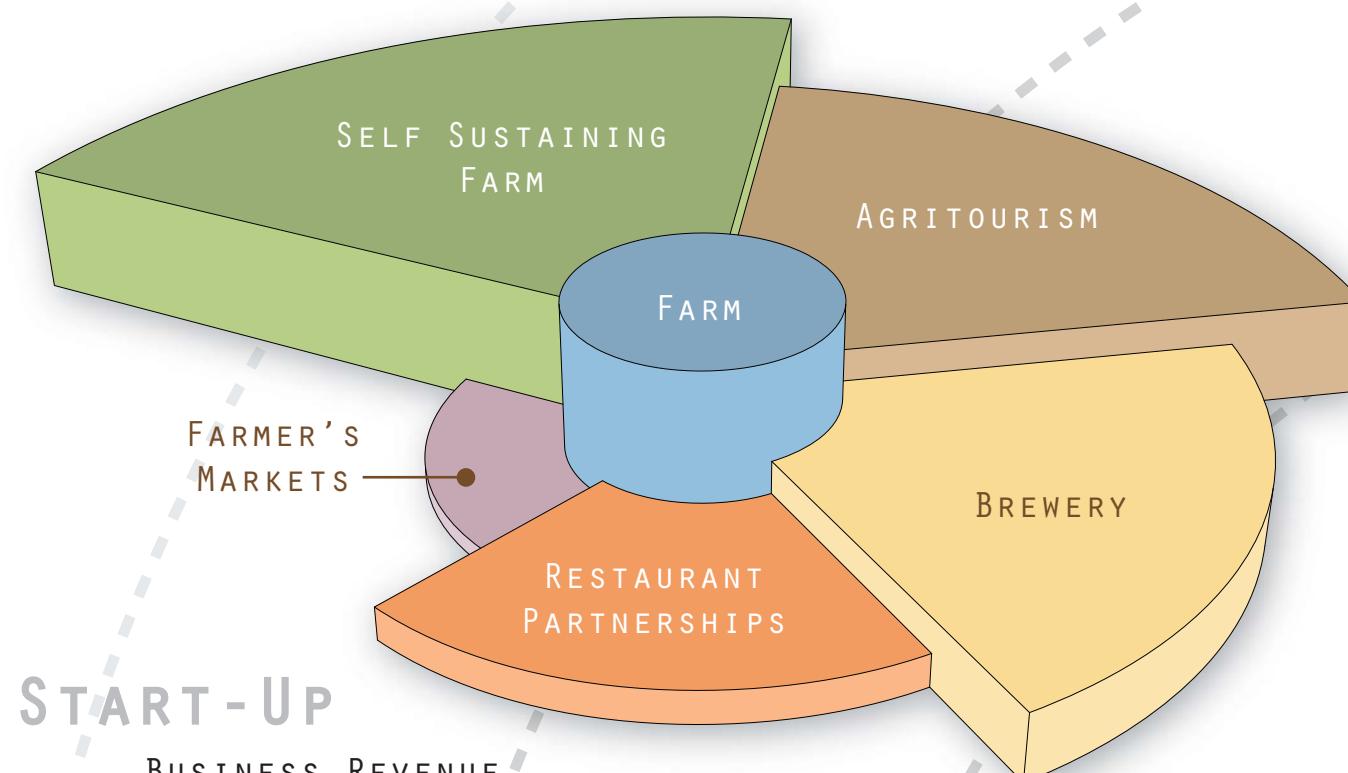
BROWN MATERIAL (CARBON) = LEAVES, MASH WASTE FROM BREWERY, PRUNING CLIPPINGS

GREEN MATERIAL (NITROGEN) = MANURE, PLANT MATTER, FOOD SCRAPS

MICROBES & FUNGI = MICROBES FROM THE WATER FROM AQUAPONICS, MUSHROOM GROWING, WORMS



FLOCKTOWN FARMS: FLEXIBLE BUSINESS STRATEGY



START-UP

BUSINESS REVENUE
DISTRIBUTION HIERARCHY
(FIRST 5 YEARS)

MANSFIELD
TOWNSHIP

BEATYESTOWN

HACKETTSTOWN

FLOCKTOWN
FARM

SCHOOLEYS
MOUNTAIN

WASHINGTON
TOWNSHIP

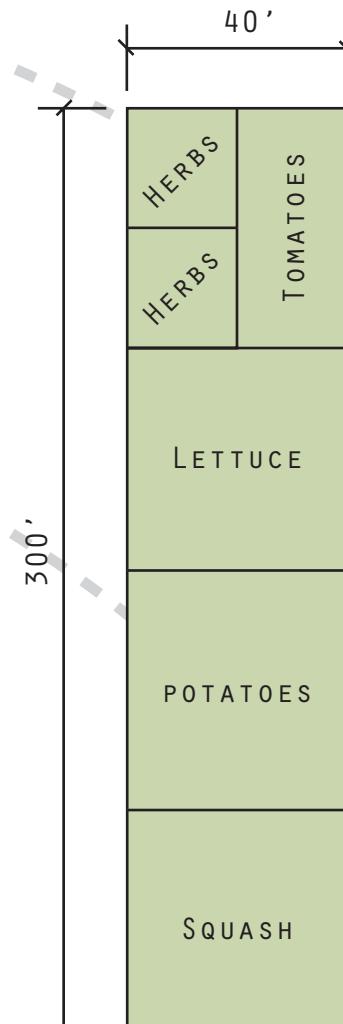
4 MILES

3 MILES

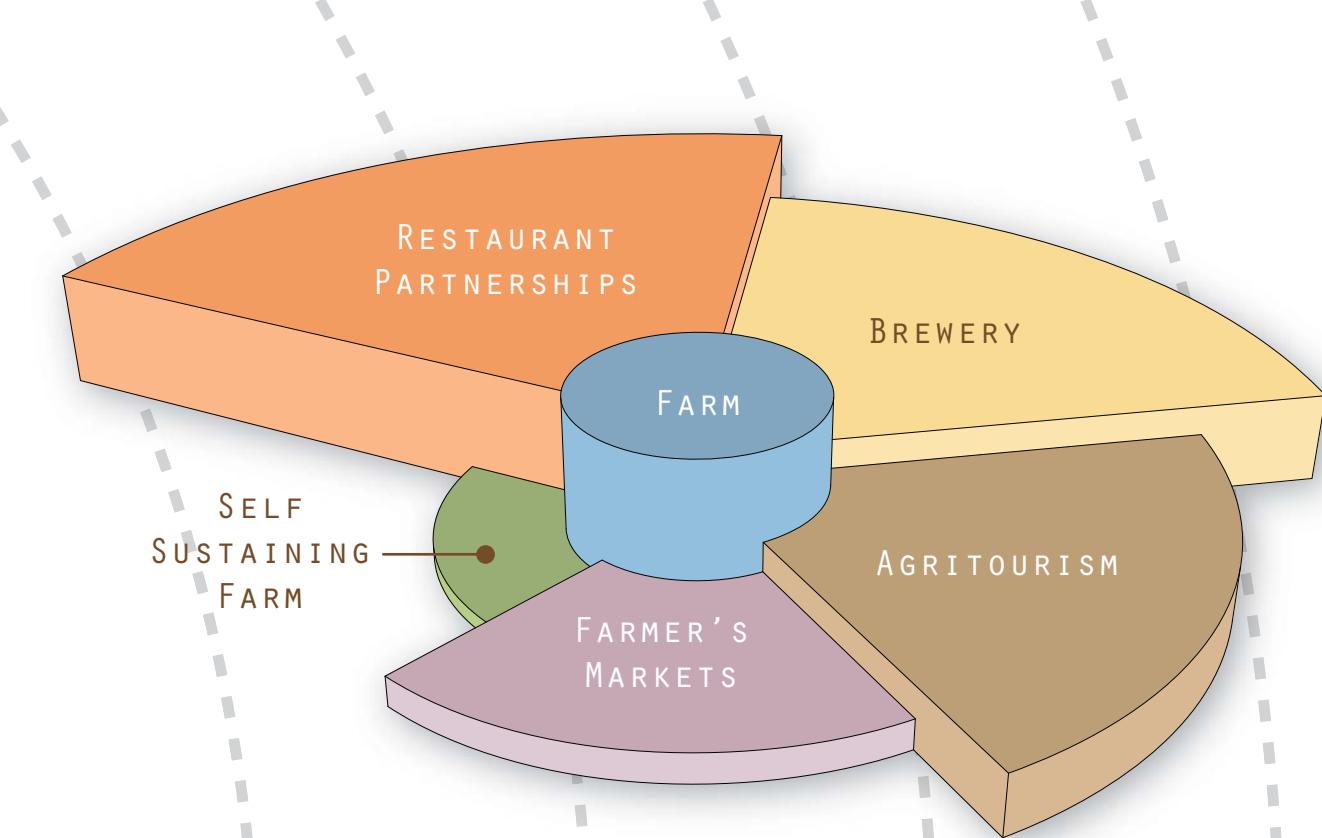
2 MILES

1 MILE

12,000 SQ.FT.
MINIMUM SPACE
NEEDED FOR PRODUCE
PRODUCTION - 100-150
SEAT RESTAURANT



FLOCKTOWN FARMS: FLEXIBLE BUSINESS STRATEGY



EXPANSION

BUSINESS REVENUE
DISTRIBUTION HIERARCHY
(AFTER 15 ACRE EXPANSION)
BY 2020

FLOCKTOWN FARMS: PROGRAMMING FRAMEWORK

Projected Facility Square Footages

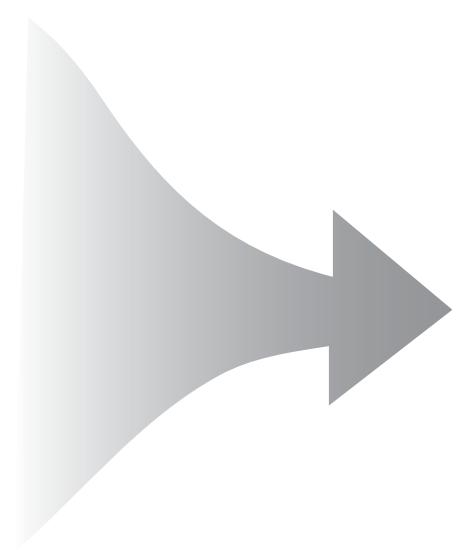
Indoor Dining/Flex Space	2,000 sqft	Seats 100 people @ 15sqft/person +30% other structure
Outdoor Event Space	1,000 sqft	Seats 50 people @ 15sqft/person +30% other structure
Indoor Commercial Kitchen	2,000 sqft	
Outdoor Kitchen	800 sqft	
Administration	720 sqft	6 offices @ 100sqft each + 20% circulation
Classrooms	1,600 sqft	800sqft per classroom each (20'x40')
Shop Space	600 sqft	
Restroom Facilities	500 sqft	250sqft each men's and women's
Micro-brewery	5,000 sqft	
Aquaponic/Greenhouse Facility	10,000 sqft	
Storage for large farm equipment	5,000 sqft	
Livestock housing	9,300 sqft	
Mechanical/Storage/Utilities/ Waste Management Structures	3,000 sqft	
Mobile self contained guest cabins	4,500 sqft	15 @ 300sqft
Program Manager/Farm Head house	1,200 sqft	
On-site Staff Cabins	2,000 sqft	4 @ 500sqft
Facility Circulation	20% of total	
Parking	43,560 sqft (min) - 1 Acre	150 spaces + 25' Drive Lane

ESTIMATED FLOWS

20-30 PEOPLE
FULL-TIME
OFF-SITE STAFF

PEOPLE PER DAY
50 - 100

CABIN VISITORS
30 PEOPLE (MAX)



APPROXIMATELY 400SQFT PER 1 PERSON
PRODUCES ENOUGH FOOD FOR 1 YEAR
BETWEEN 1,600SQFT - 4,000SQFT TOTAL



PRIMARY
FACILITIES
BREAKDOWN

SPACE PLAN
ELEMENTS

POTENTIAL
NEEDS

OPPORTUNITIES/
CONSTRAINTS

AGRITOURISM
FACILITY

INDOOR DINING/FLEX SPACE
INDOOR COMMERCIAL KITCHEN
OUTDOOR EVENT SPACE
OUTDOOR KITCHEN
ADMINISTRATION AND CLASSROOMS
SHOP SPACE
RESTROOM FACILITIES
CIRCULATION
STORAGE AND MECHANICAL

ACCESS TO MAIN ROAD
ACCESS TO WATER/WELL
ALTERNATIVE ENERGY
(SOLAR, WIND, WATER)
SPACE PLAN FLEXIBILITY

FUNCTIONAL ADJACENCIES TO BREWERY,
GREENHOUSE, AQUAPONICS
CAN BE GROUPED OR SEPARATE
CONFLICT WITH ANIMAL PROXIMITY
POTENTIAL ENTRY SEQUENCE

MOBILE
SELF-CONTAINED
GUEST CABINS

FULL BATHROOM	40SQ.FT.
LIVING SPACE	36SQ.FT. MIN
SLEEPING SPACE	36SQ.FT. MIN

ACCESS TO WATER/WELL
WASTE SYSTEM
ENERGY SYSTEMS
BACK-UP ENERGY
HEATING ELEMENTS
COOLING ELEMENTS - PASSIVE

MOBILITY:
CHANGING CONFIGURATION/LOCATION OVER TIME
SELF SUSTAINING - SUPPORT THE FARM ELEMENTS?
WHAT DOES IT MEAN TO BE "MOBILE" ... WHY?

MICRO
BREWERY

OFFICE(S): 100 - 130 SQFT EACH
BATHROOMS (PUBLIC): 50 SQFT EACH
BATHROOMS (PRIVATE): 50 SQFT EACH

MECHANICAL EQUIPMENT STORAGE

TASTE/TAP ROOM: 500 SQFT

MILLING MACHINE ROOM

MASH TUNS (SAME ROOM AS KETTLE)
KETTLES (SAME ROOM AS MASH TUNS)
FERMENTATION TANKS
DISTRIBUTION TANKS

PACKAGING/PRODUCTION ROOM
REFRIGERATED STORAGE

LOADING/SHIPPING DOCK

ACCESS TO PLANTS NEEDED
FOR BREWING
(HOPE, BARLEY, WHEAT)

ACCESS TO WATER SOURCE

ACCESS TO MAIN ROAD

PRODUCTION FOR
FLOCKTOWN FARMS
(PRIMARY)

PRODUCTION FOR
ASSOCIATED RESTAURANTS
(SECONDARY)

PRODUCTION FOR
INDIVIDUAL
ON-SITE GROWLER FILL
(TERTIARY)

SYNERGIES BETWEEN
KITCHEN AND TAP/TASTE ROOM

SYNERGY WITH FARM SYSTEM
(SPENT GRAINS AS FEED, COMPOST,
AND GROWING MEDIUM)

SYNERGY WITH KITCHEN
(DRIED SPENT GRAIN IN BAKING)

POSSIBLE ADJACENCIES TO GROWING FIELDS
FOR HOPS AND SUCH

CONFLICT OVER TIME WITH POTENTIAL
15 ACRE EXPANSION
(ENOUGH SQUARE FOOTAGE TO MEET
PRODUCTION DEMANDS?)

PRIMARY
FACILITIES
BREAKDOWN

SPACE PLAN
ELEMENTS

POTENTIAL
NEEDS

OPPORTUNITIES/
CONSTRAINTS

GREENHOUSES

12,000SQFT (600'x 20') GROWING SPACE
CAN SUSTAIN 100 SEAT RESTAURANT 1 YEAR

10'-12' WIDE (STANDARD MODULES)
LENGTH IS FLEXIBLE

MINIMUM HEIGHT = 7 FEET
AVG. PLANT BED WIDTH: 2'- 4'
CIRCULATION - 3' WIDE WALKING ISLES
STORAGE (EQUIPMENT, FERTILIZER, ETC.)

MECHANICAL
PREPARATION AREA
(WORK BENCHES, SEATING, ETC.)

LOCATION - MAXIMIZE SUNLIGHT
(FULL EASTERN EXPOSURE IN
MORNINGS, CAN HAVE SHADE
MID-DAY, OR SOUTH/SOUTHWEST)

AIR CIRCULATION/VENTILATION

ENVIRONMENTAL CONTROLS
IRRIGATION SYSTEMS

ENERGY SYSTEMS
(SOLAR, WIND, WATER)

ATTACHED OR DETACHED

INNOVATIVE MATERIALITY
(INSTEAD OF GLASS/PLASTIC/FIBERGLASS)

SYNERGIES WITH AQUAPONIC FACILITY

CONFLICT WITH AQUAPONIC FACILITY
(TANKS NEED SHADE)

AQUAPONICS
FACILITY

GROW BEDS - 40"x 48"x 14" MODULES

TANK MINIMUMS FOR "PLATE SIZE" FISH
8" DEEP AND 50 GALLONS

200 GALLONS (40 EDIBLE FISH ANNUALLY)
EXTERIOR - 40"W x 48"L x 32"T

FISH TANK/GROW BED RATIO = 1:1 (VOLUME)

CONTROL SYSTEMS
(PUMPS, AERATION, PLUMBING, FILTRATION)

CIRCULATION - 3' WIDE WALKING ISLES

STORAGE AND MECHANICAL

ACCRESSES TO WATER
FOR IRRIGATION

DRAINAGE

AIR CIRCULATION/VENTILATION

ENVIRONMENTAL CONTROLS
IRRIGATION SYSTEMS

ENERGY SYSTEMS
(SOLAR, WIND, WATER)

INDOOR AND/OR OUTDOOR
(OUTDOOR = SHADED)

WATER SYNERGIES WITH FARM IRRIGATION

STRUCTURAL SYNERGIES WITH GREENHOUSES

FUNCTIONAL ADJACENCIES TO KITCHENS

FUNCTIONAL ADJACENCIES TO
ON SITE POND AND WELL

CONFLICT WITH GREENHOUSE
(TANKS NEED SHADE)

LIVESTOCK
HOUSING

5 COWS @ 100SQFT/COW = 500SQFT
20 PIGS @ 80SQFT/PIG = 1,600SQFT
80 CHICKS @ 60SQFT/CHICKEN = 4,800SQFT
10 SHEEP/LAMB @ 80SQFT/SHEEP = 800SQFT

20% TOTAL AREA FOR
CIRCULATION, STORAGE, CALVING SPACE

ACCESS TO WATER

WASTE COLLECTION
AND DISPOSAL

ACCESS TO PASTURE

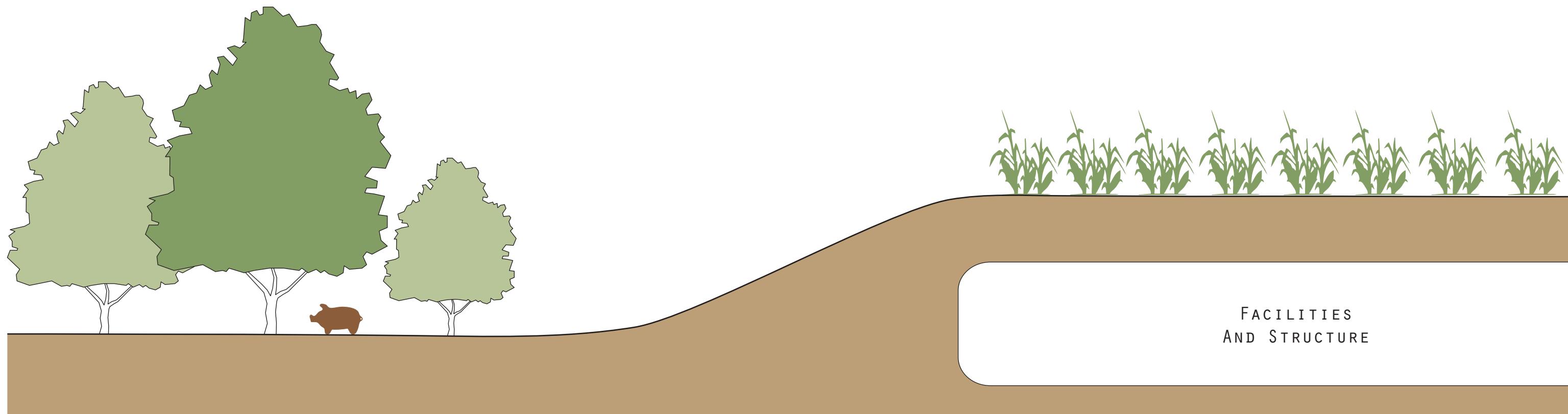
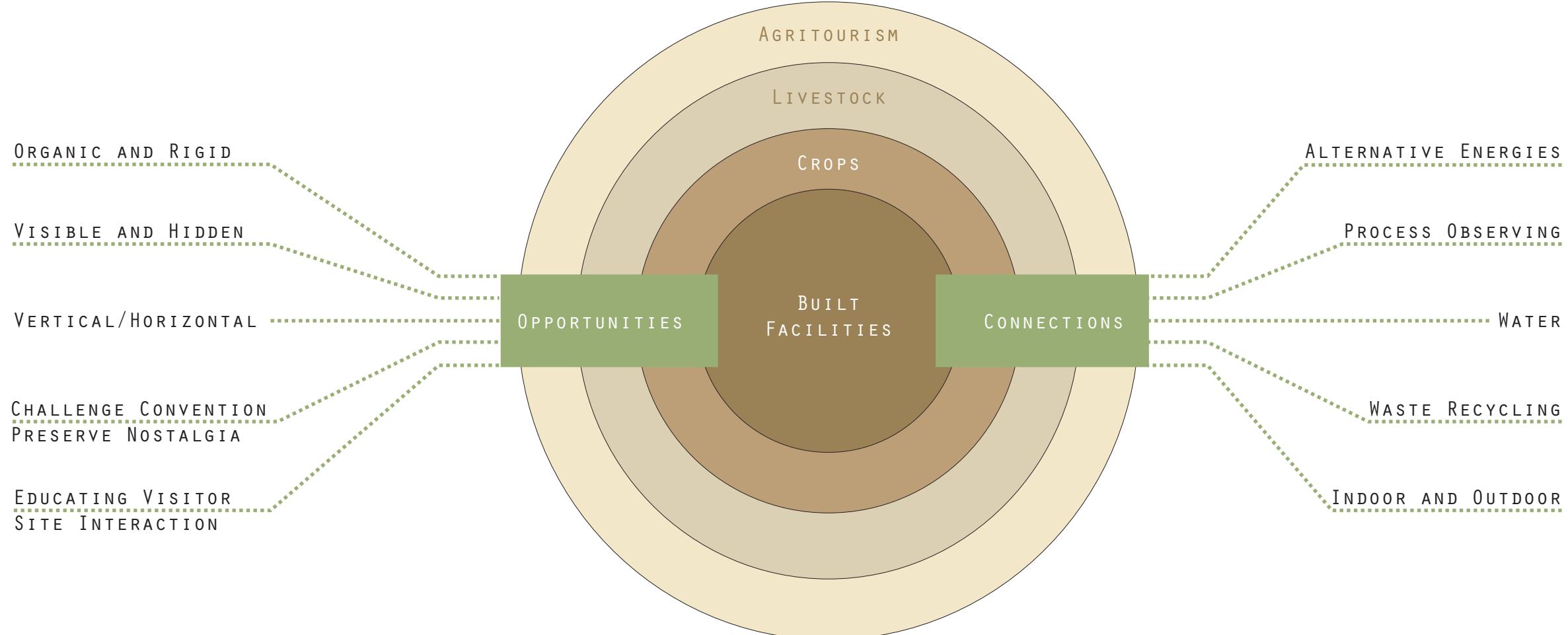
SYNERGIES BETWEEN PIGS AND WOODED AREA

LOCATION CONFLICT TO KITCHENS
AND EVENT SPACES

ROTATIONAL GRAZING FOR FERTILIZER

SYNERGIES BETWEEN ANIMAL FOOD
PRODUCTS AND KITCHEN

FARM LAYERING



OPPORTUNITY EXPLORATION: MOBILE CABINS - A MOVABLE FARM LAYER

TRACKS

CABINS MOVED INDEPENDENTLY FOR VISITOR

PRECEDENTS



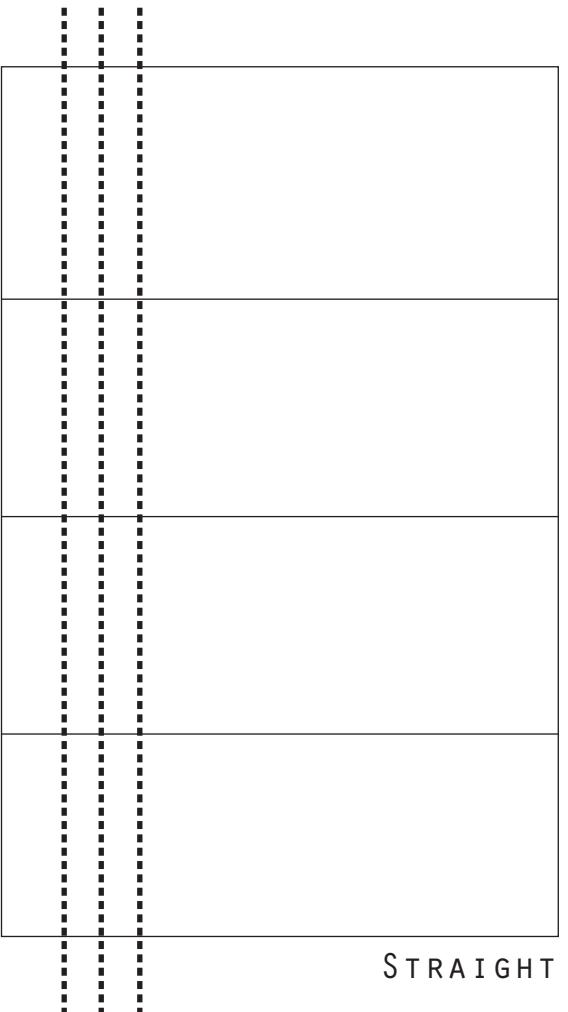
WHEELS

CABINS MOVED BY VISITORS

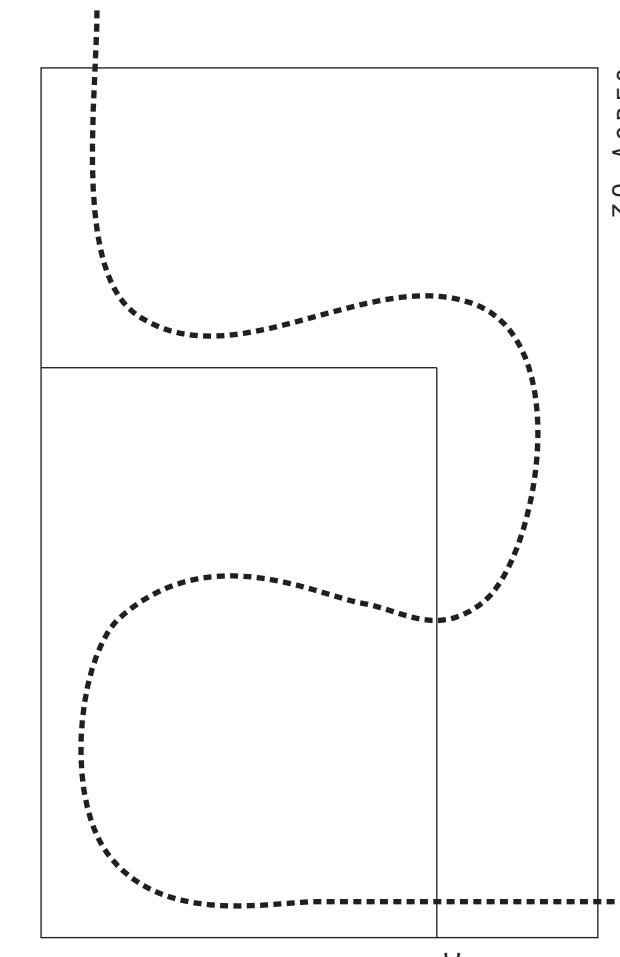
PROGRESSION

VISITORS MOVE FROM CABIN TO CABIN

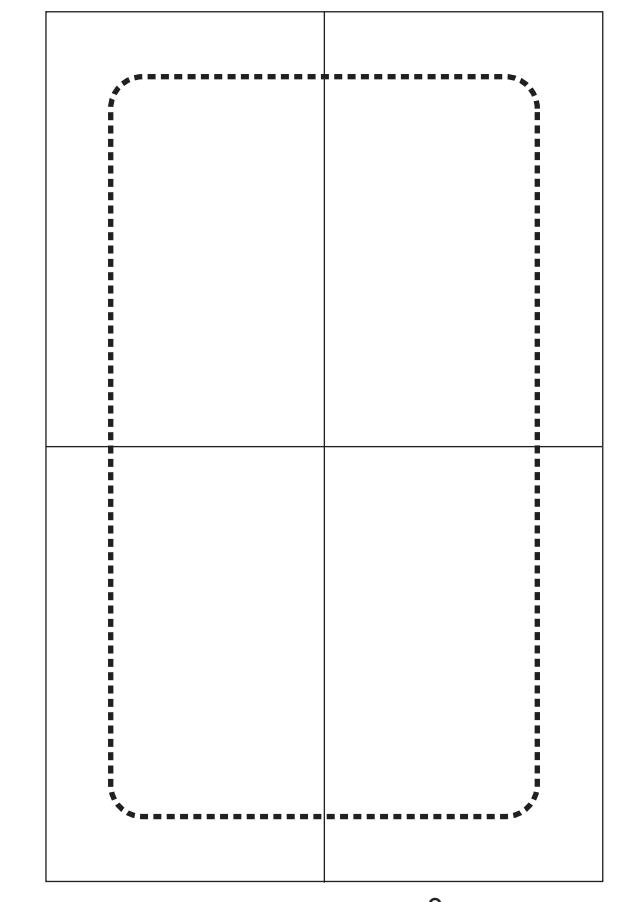
EXPERIENCING THE FARM



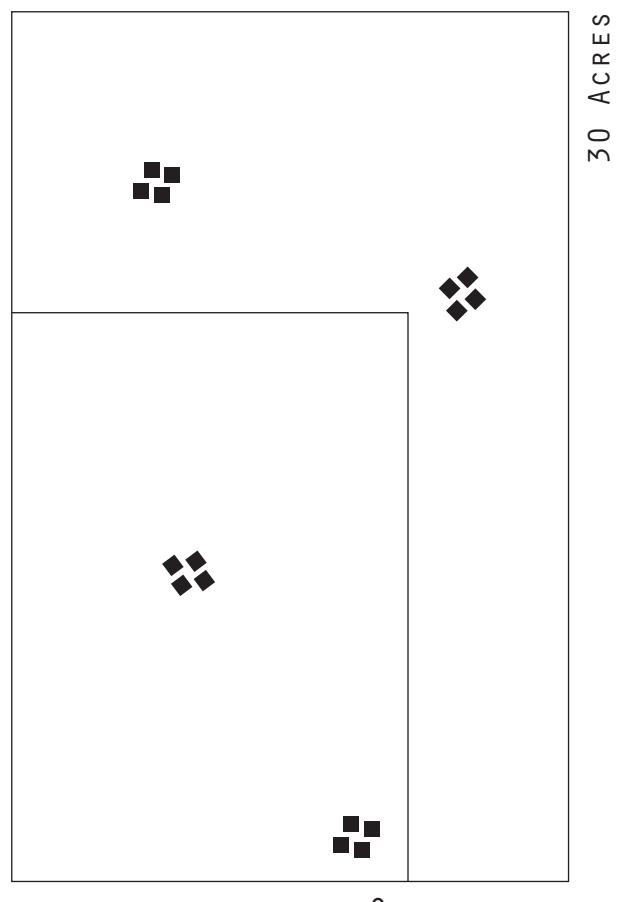
Straight



Winding

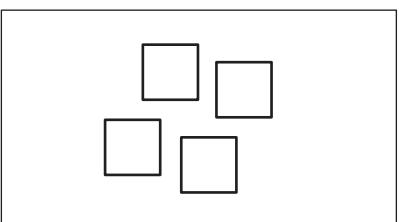


Circular

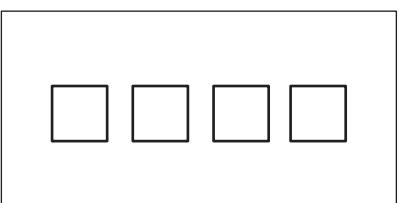


Separated

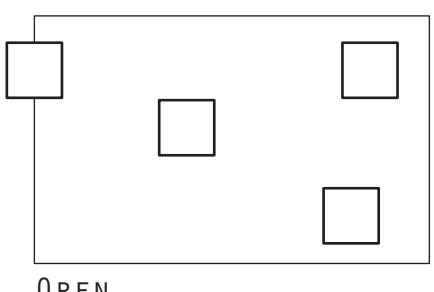
CABIN CONFIGURATIONS



Clustered



Linear



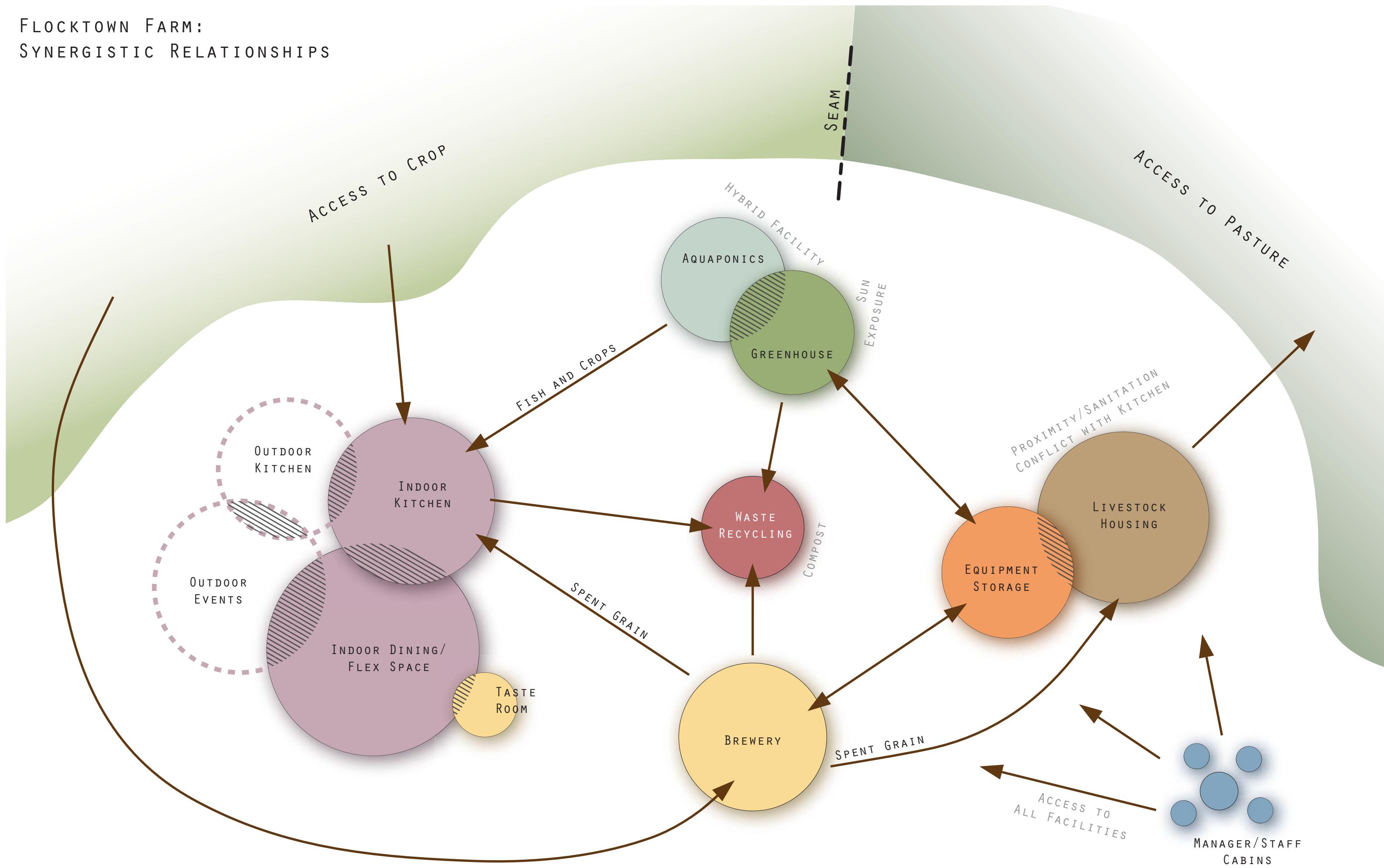
Open



TUMBLEWEEDS
BY JAY SCHAFER

MOVING MASTER PLAN
BY JAGNEFALT MILTON

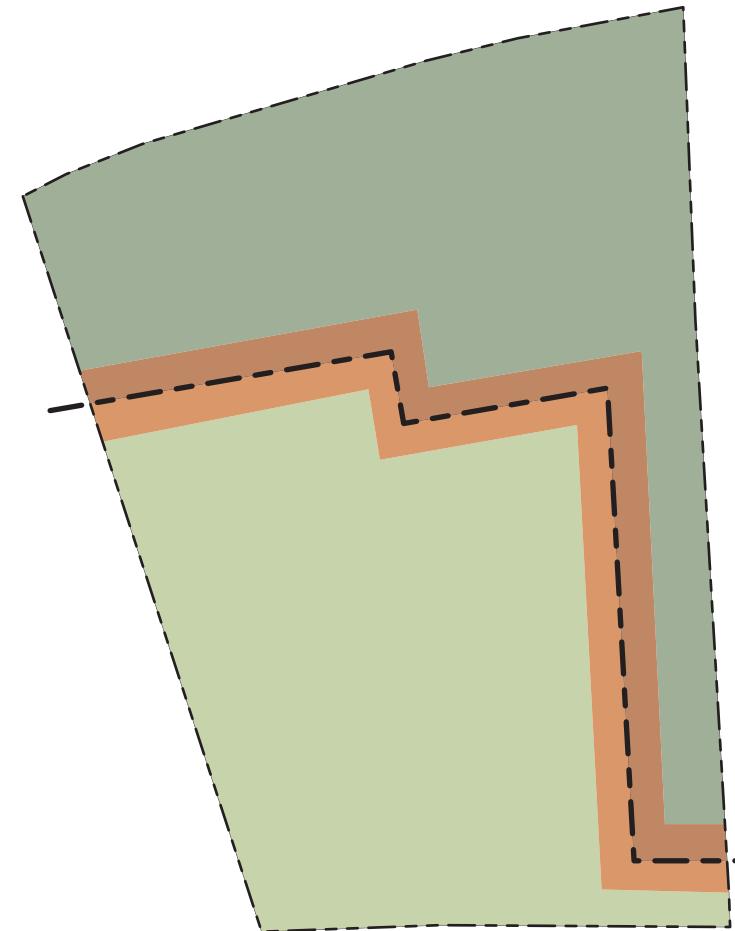
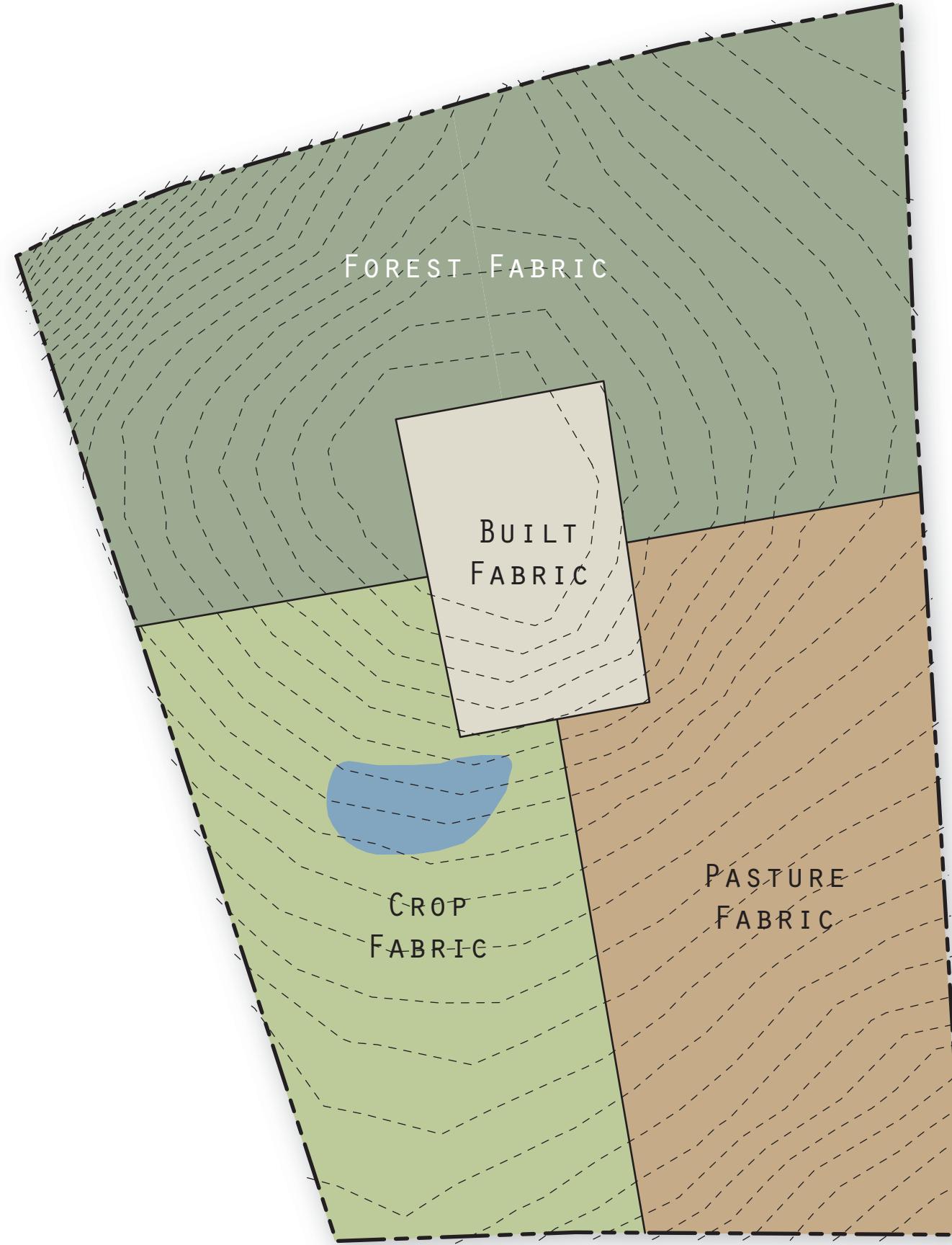
FLOCKTOWN FARM: SYNERGISTIC RELATIONSHIPS



FLOCKTOWN FARM: ENGINEERING DIAGRAM



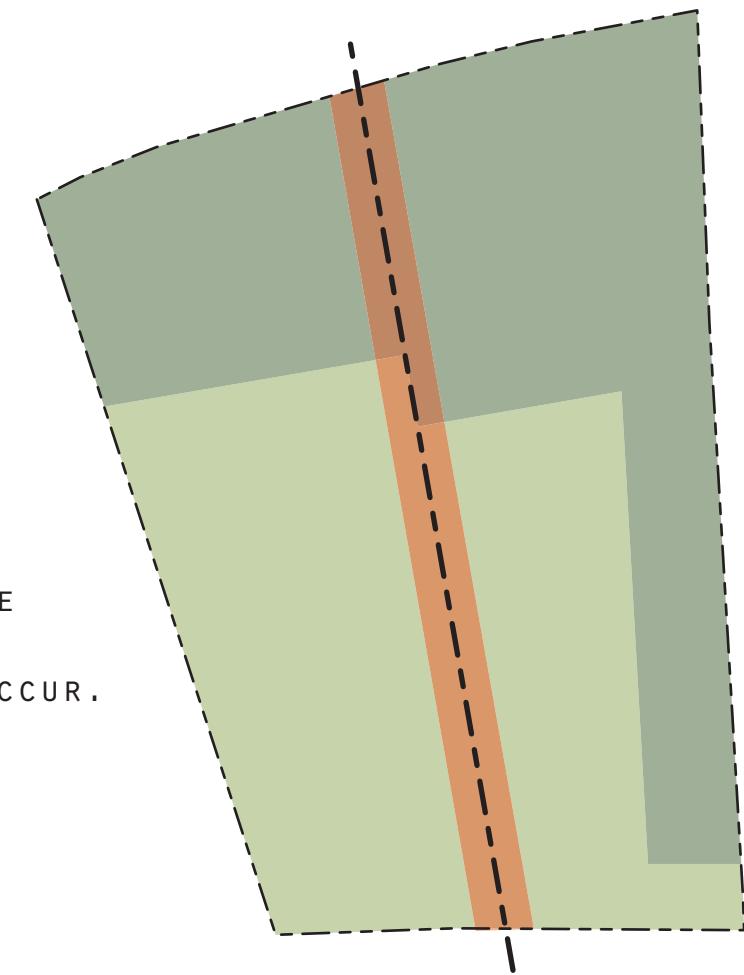
FLOCKTOWN FARM: SITE FABRICS



SEAM 1: DENSE FOREST AND OPEN LAND

THE EXISTING FOREST LINE ALREADY STARTS TO PUSH INTO THE LIVESTOCK FABRIC AS IT CREATES A NATURAL BUFFER TO THE EAST.

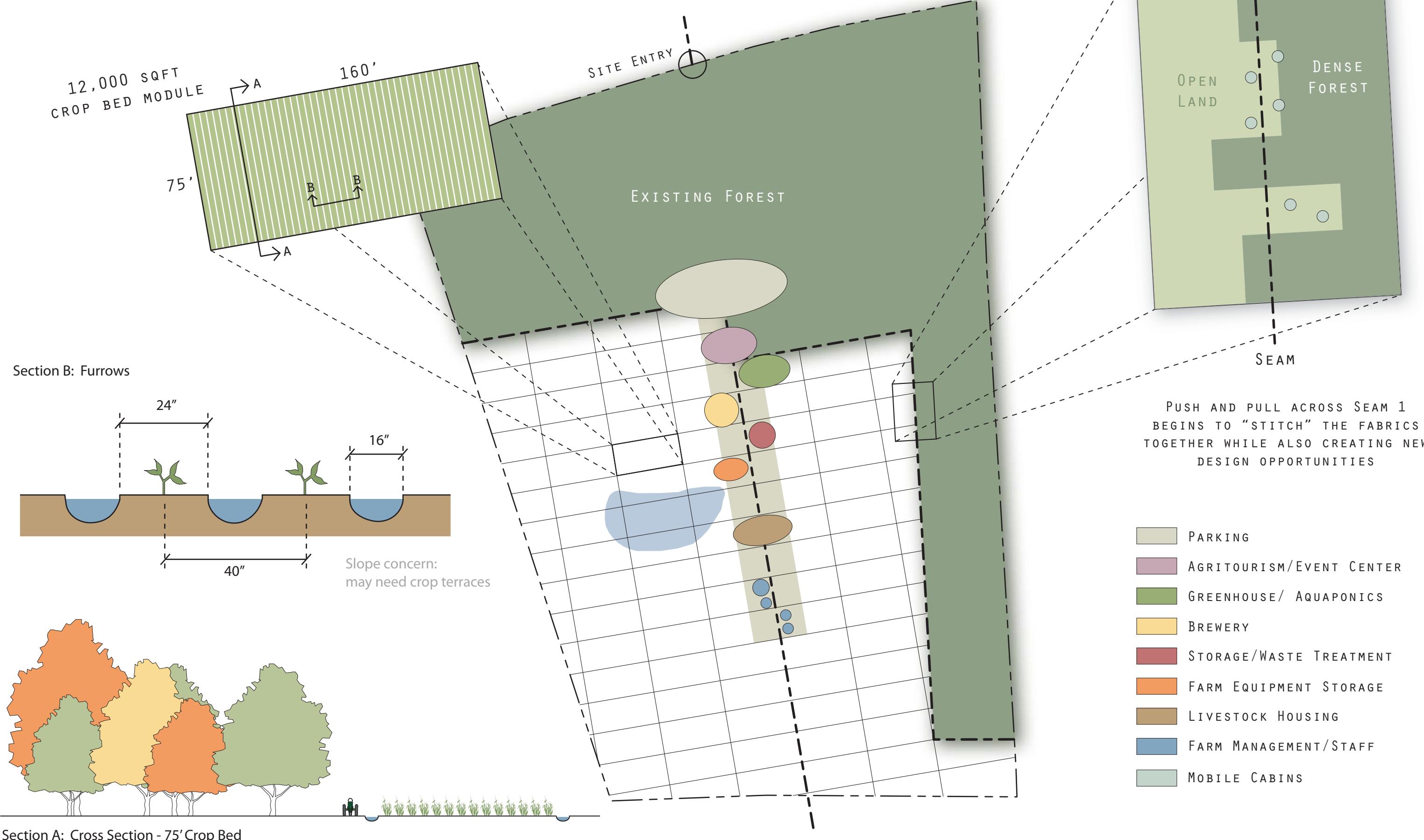
POTENTIAL DESIGN OPPORTUNITIES ARISE AS THIS SEAM IS BROKEN DOWN. MOBILE CABIN PLACEMENT?



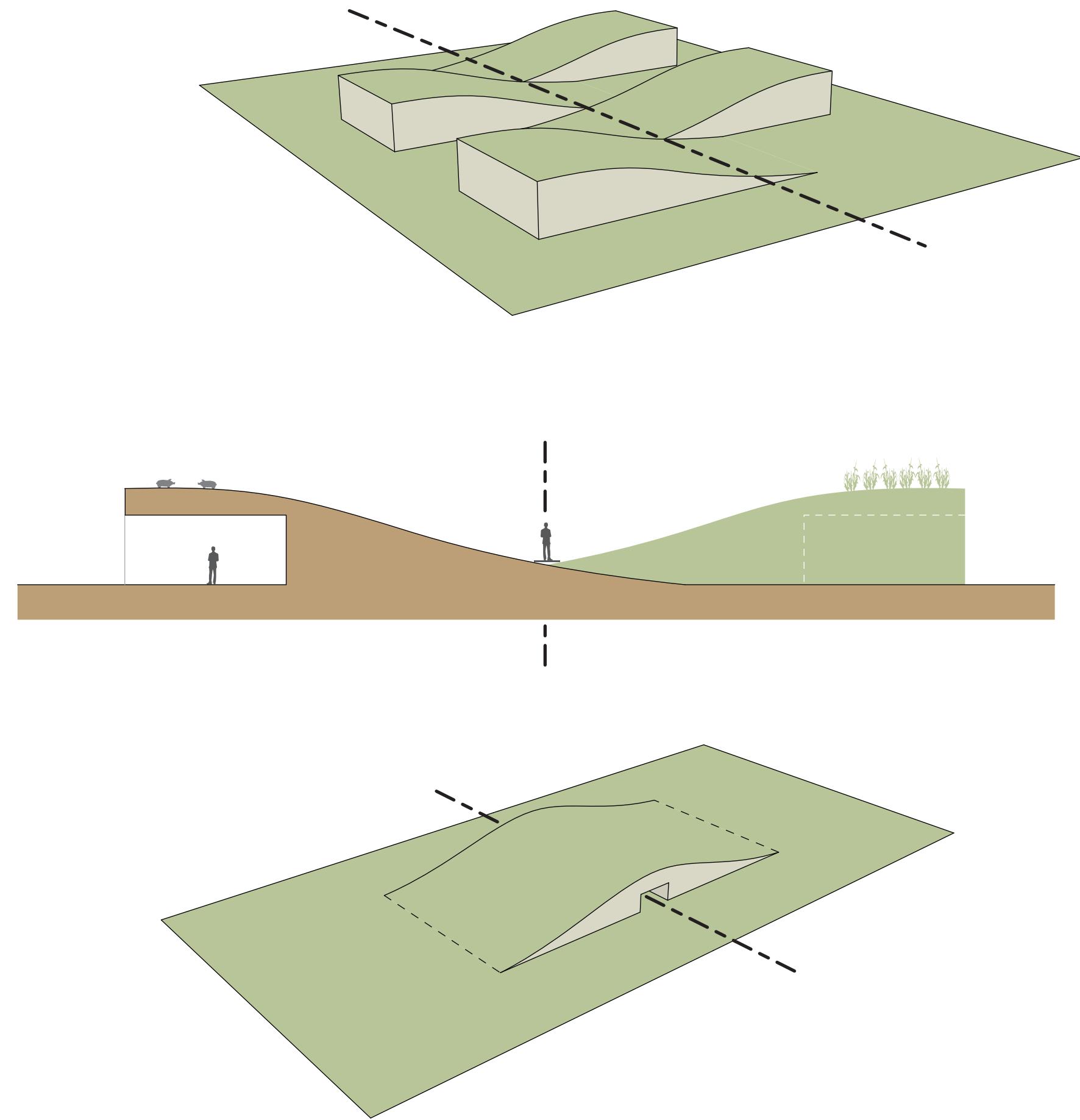
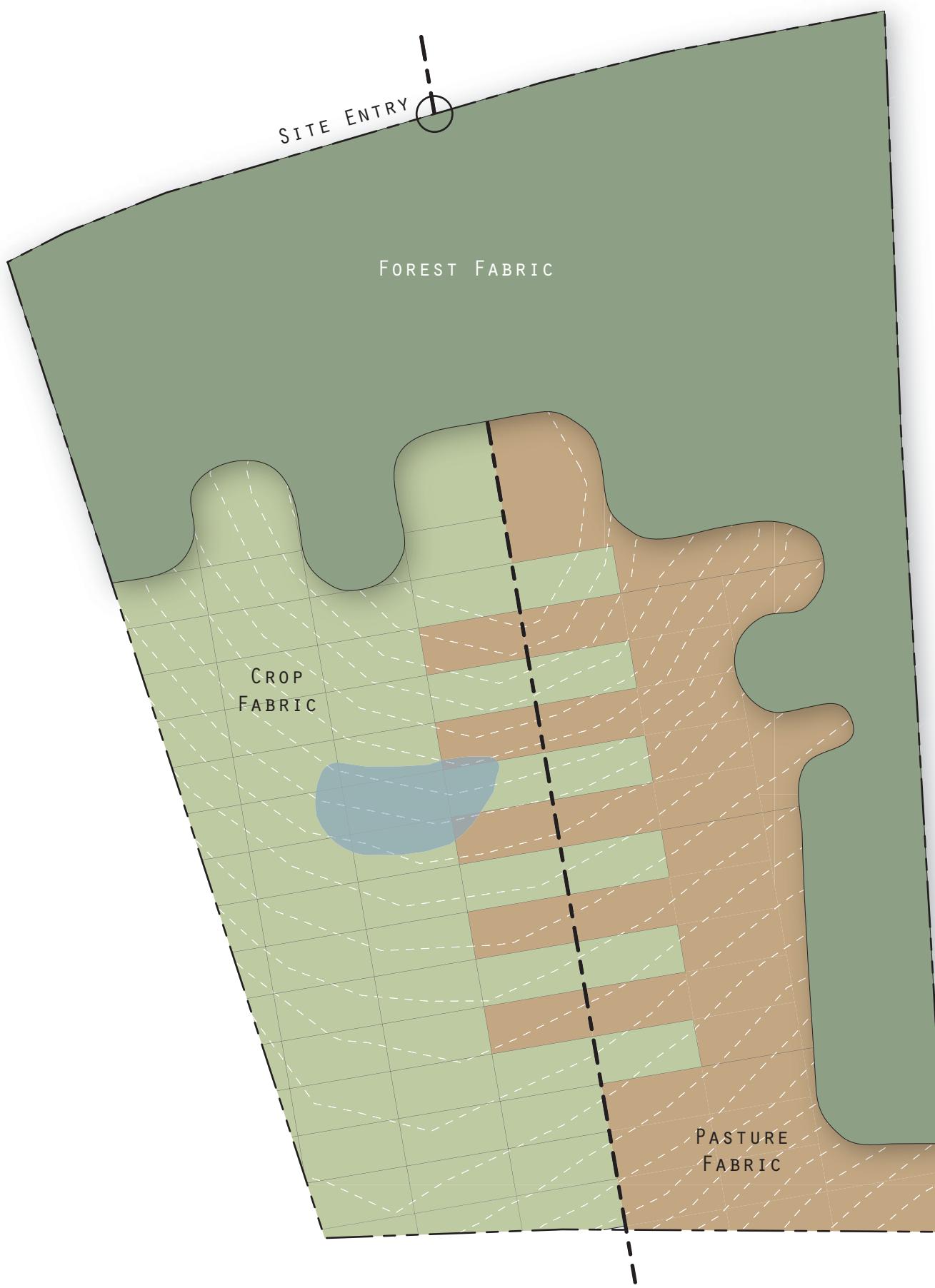
SEAM 2: CROP AND PASTURE FABRICS

"STITCHING" ACROSS THIS SEAM BETWEEN THE CROPS AND PASTURE AREAS WILL ALLOW THE NEEDED SYMBIOTIC RELATIONSHIPS TO OCCUR.

FLOCKTOWN FARM: SITE ORGANIZATION



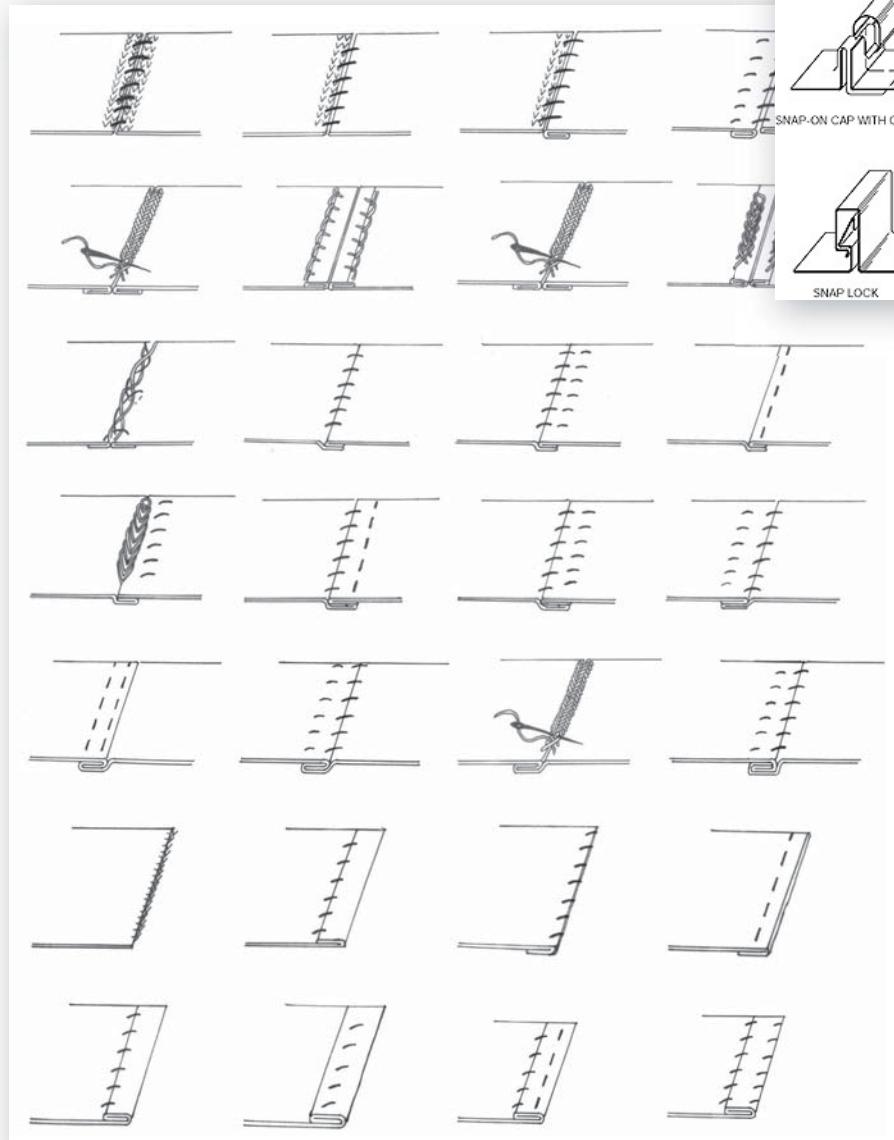
FLOCKTOWN FARM:
POTENTIAL STRATEGY



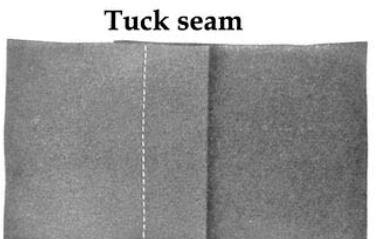
CONCEPT EXPLORATION 1: THE NATURE OF A SEAM

KEYWORDS...

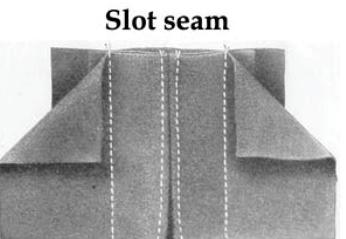
IF THE SITE IS DIVIDED INTO VARIOUS "FABRICS", IT IS ESSENTIAL TO INVESTIGATE AND UNDERSTAND WHAT OPPORTUNITIES AND ISSUES THAT COME WITH STITCHING THEM TOGETHER ALONG THE "SEAMS".



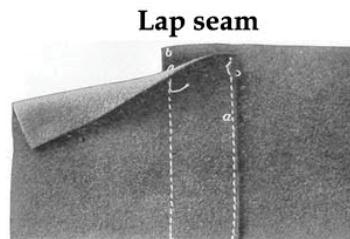
TYPES OF SEAMS



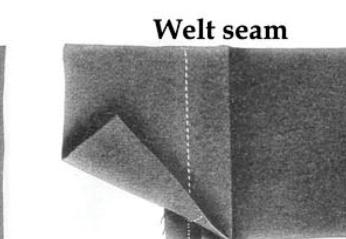
Tuck seam



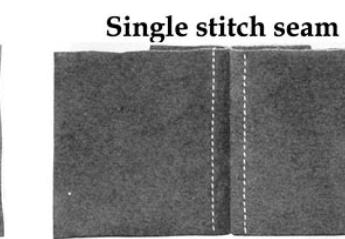
Slot seam



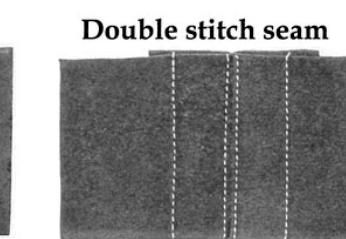
Lap seam



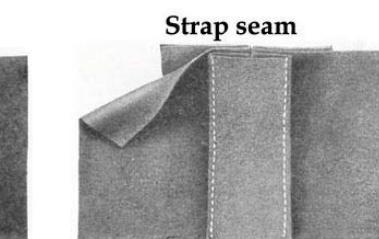
Welt seam



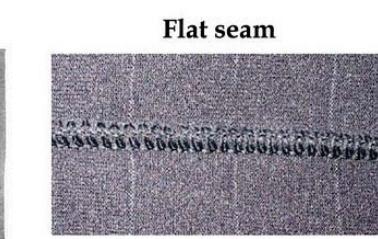
Single stitch seam



Double stitch seam



Strap seam



Flat seam

OVERLAP

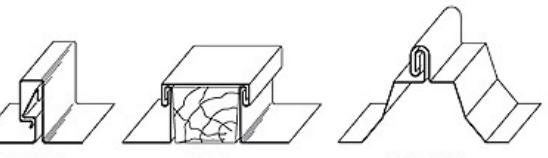
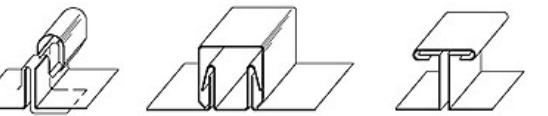
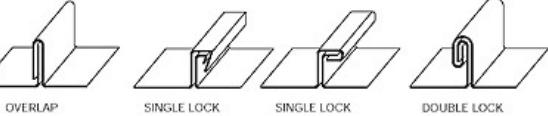
INTERLOCK

FOLD

STRUCTURE

STITCH

OVERLAP



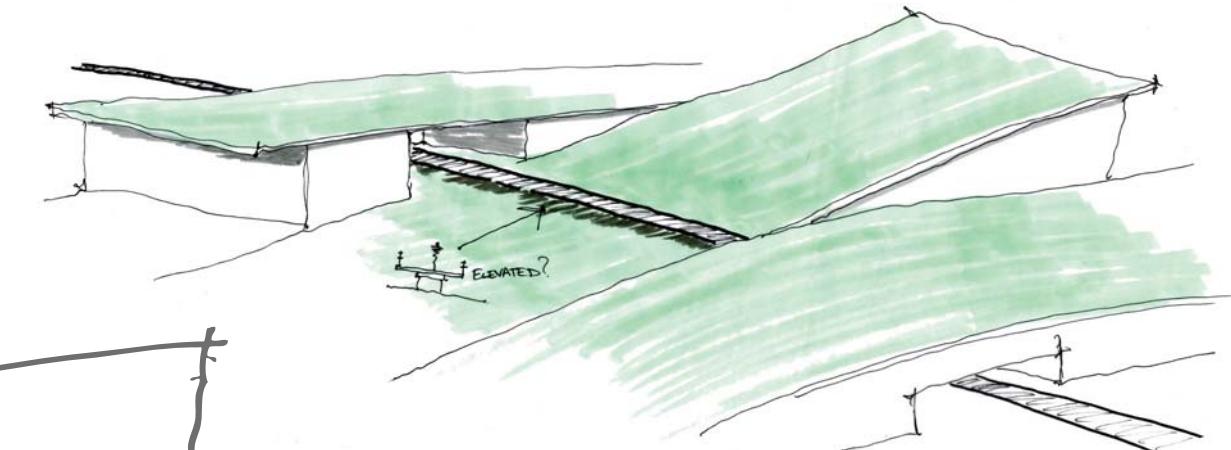
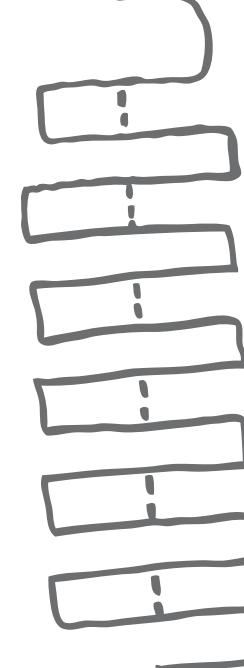
SEAMS IN CONSTRUCTION

QUESTIONS:

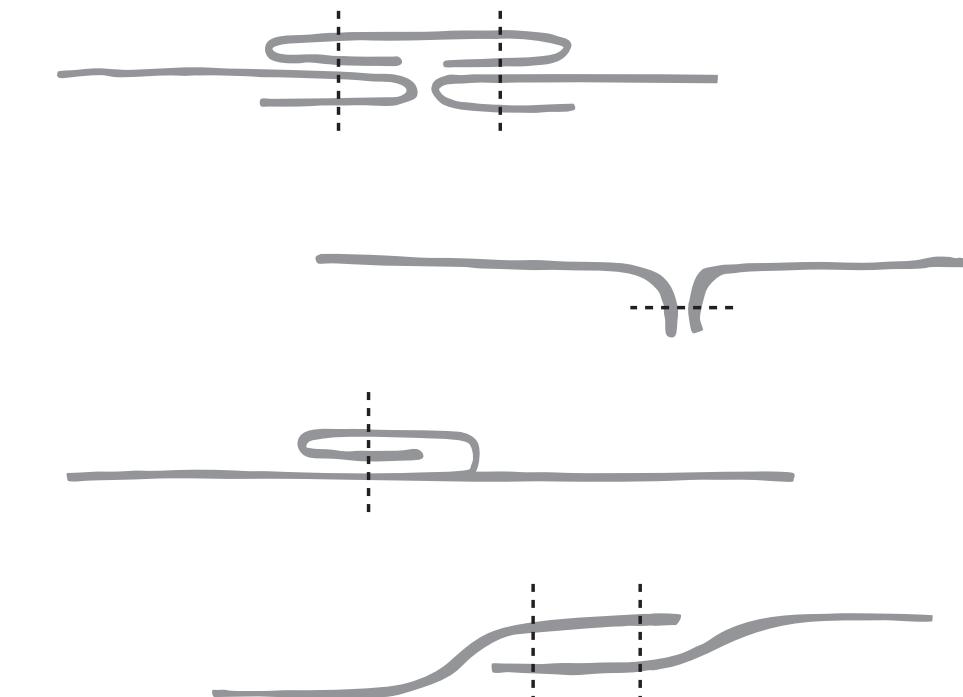
HOW DOES THE SEAM BLEED OUT AT THE BOTTOM?

HOW DO YOU ACCESS THE PROGRAM ELEMENTS IN REGARDS TO SUPPLY INTAKE AND MAINTENANCE?

HOW IS THE SEAM REVEALED?

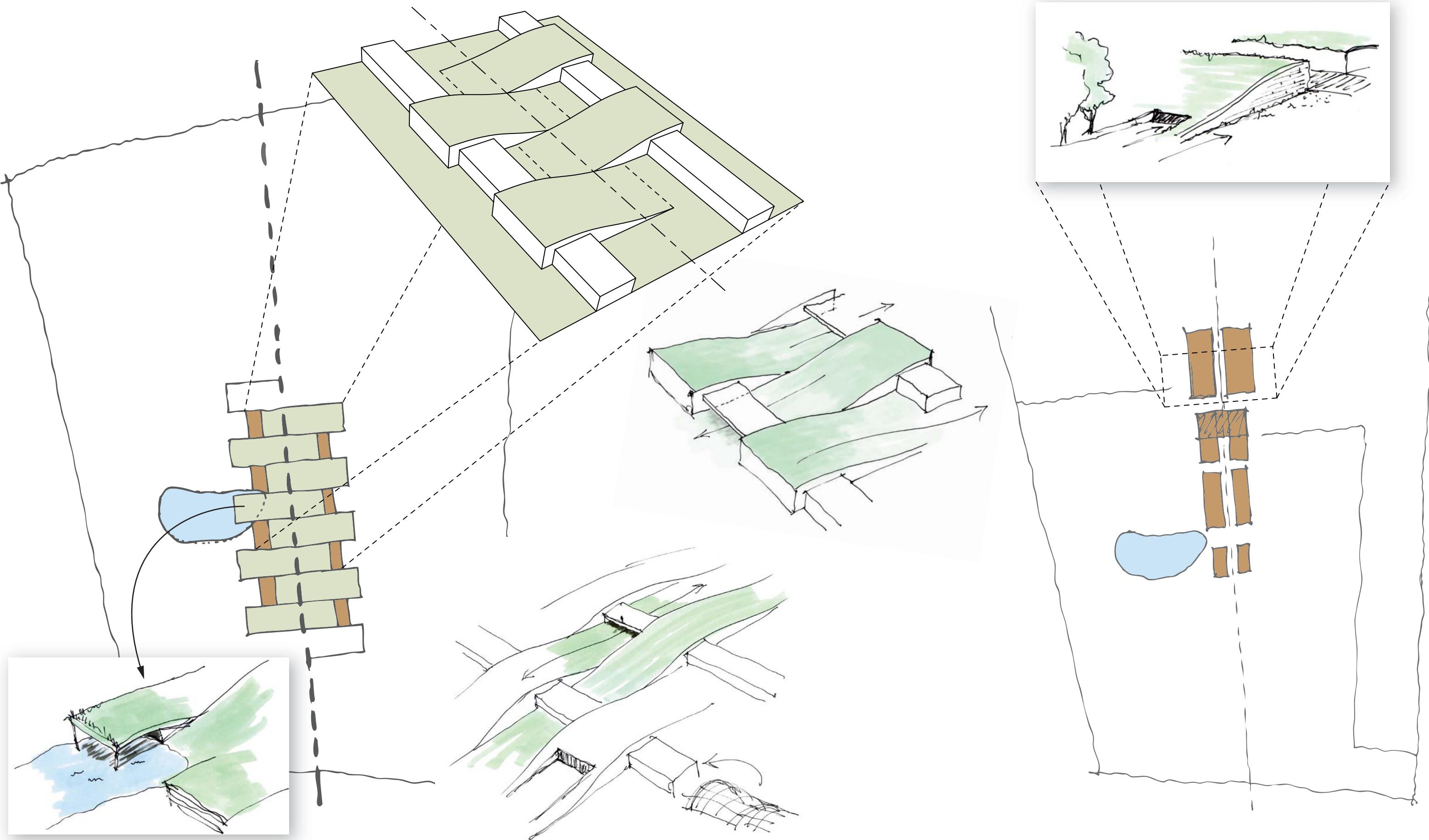


CENTRALIZED VISITOR CIRCULATION

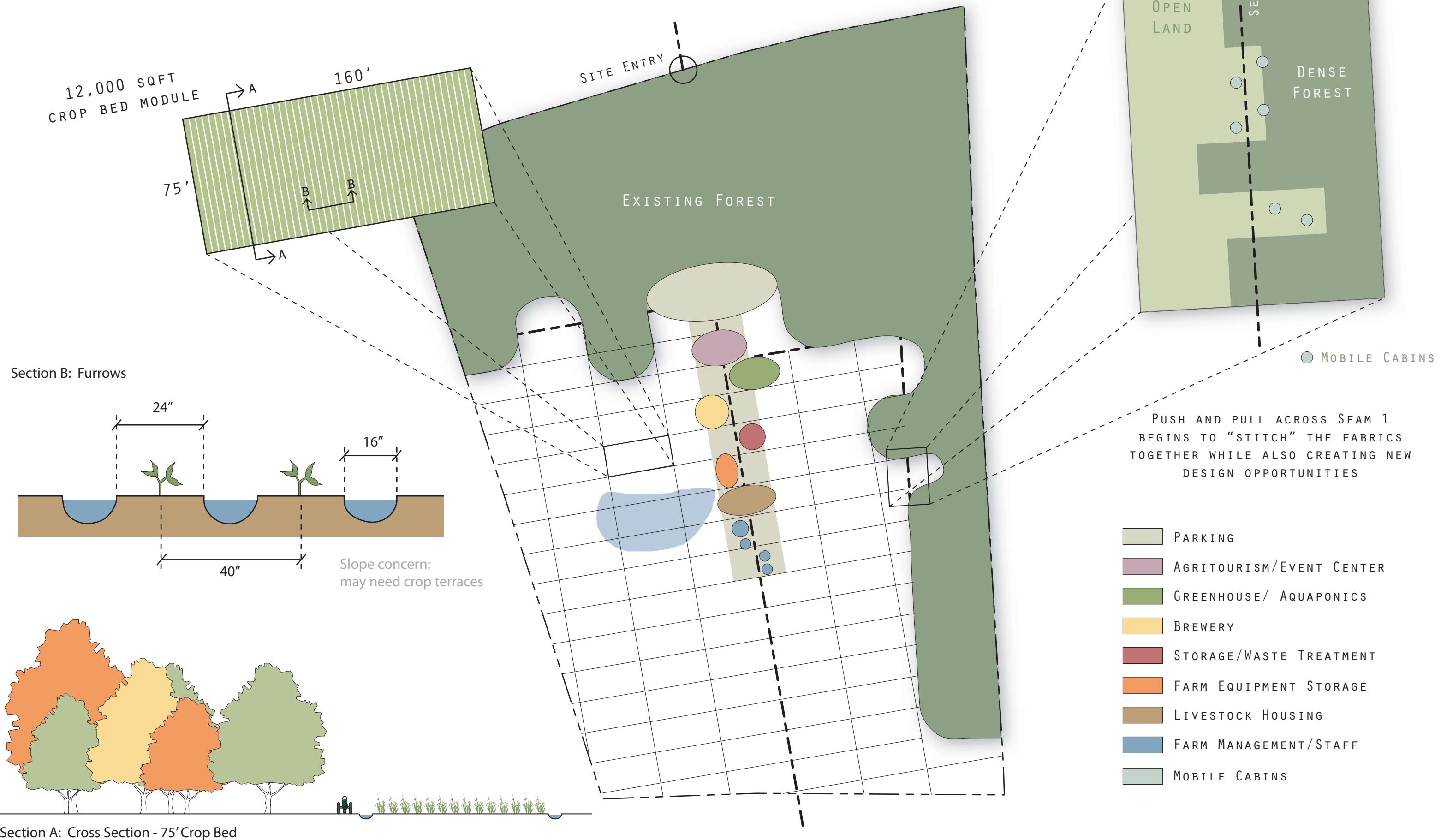


A SECTION INVESTIGATION OF SOME OF THE TYPES OF SEAMS ILLUSTRATED BEGIN TO REVEAL POTENTIAL ARCHITECTURAL OPPORTUNITIES WITHIN VERTICAL SPACE.

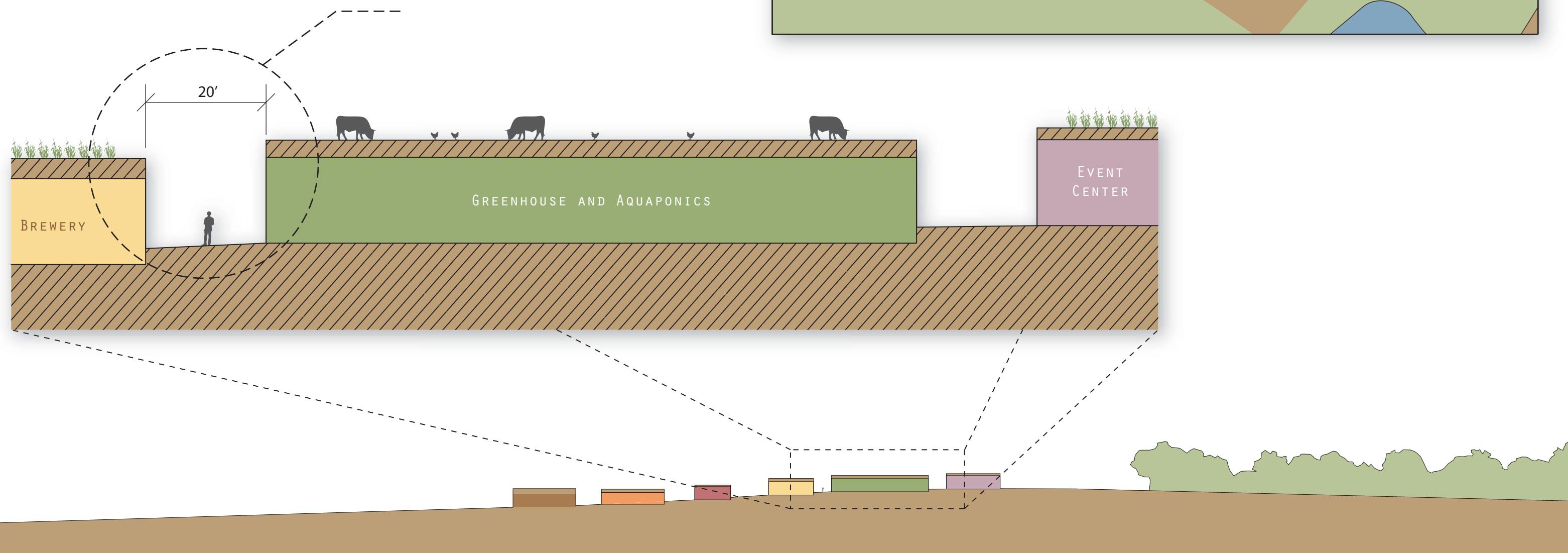
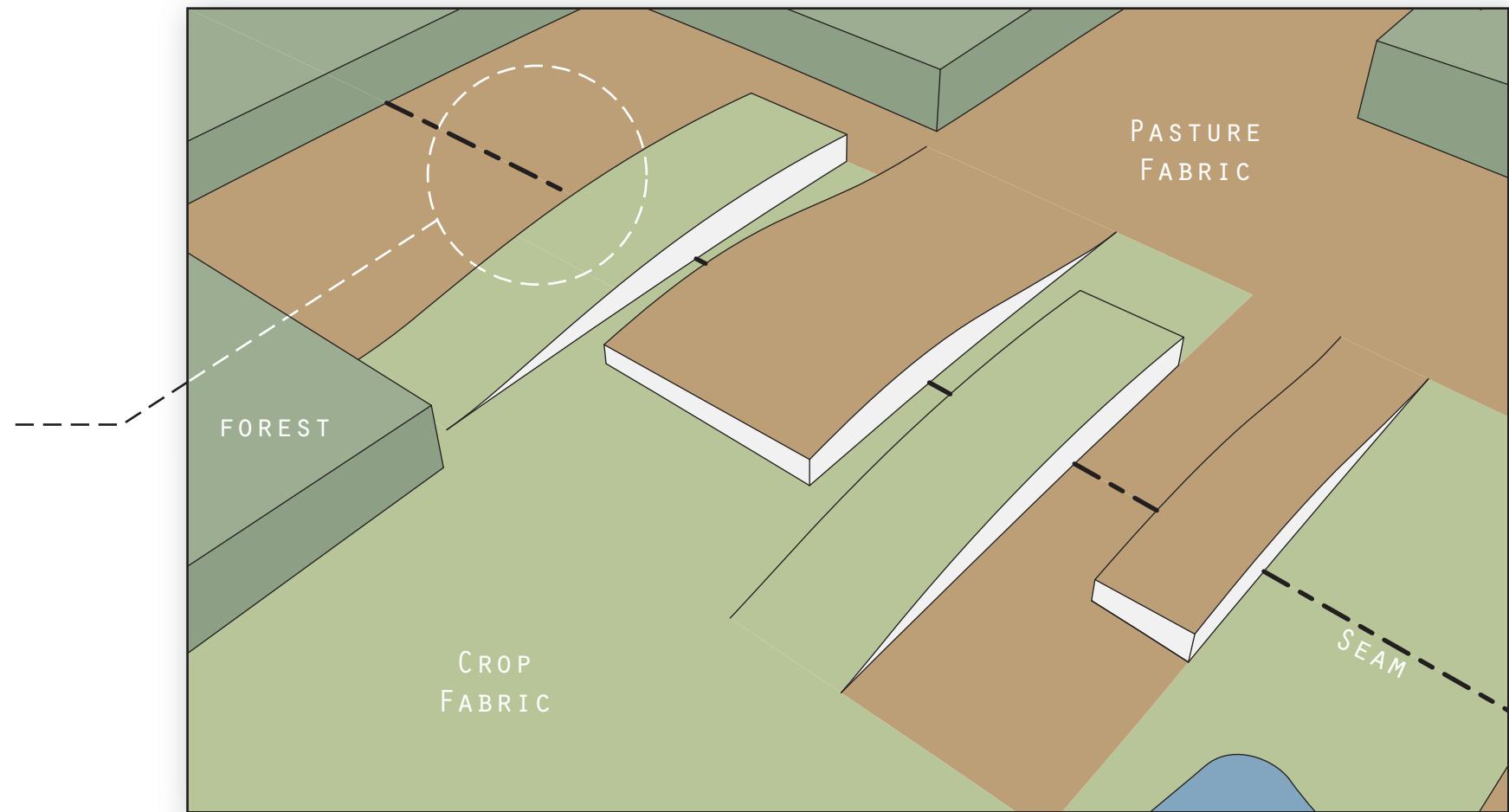
CONCEPT EXPLORATION 1:
MASSING OPPORTUNITIES



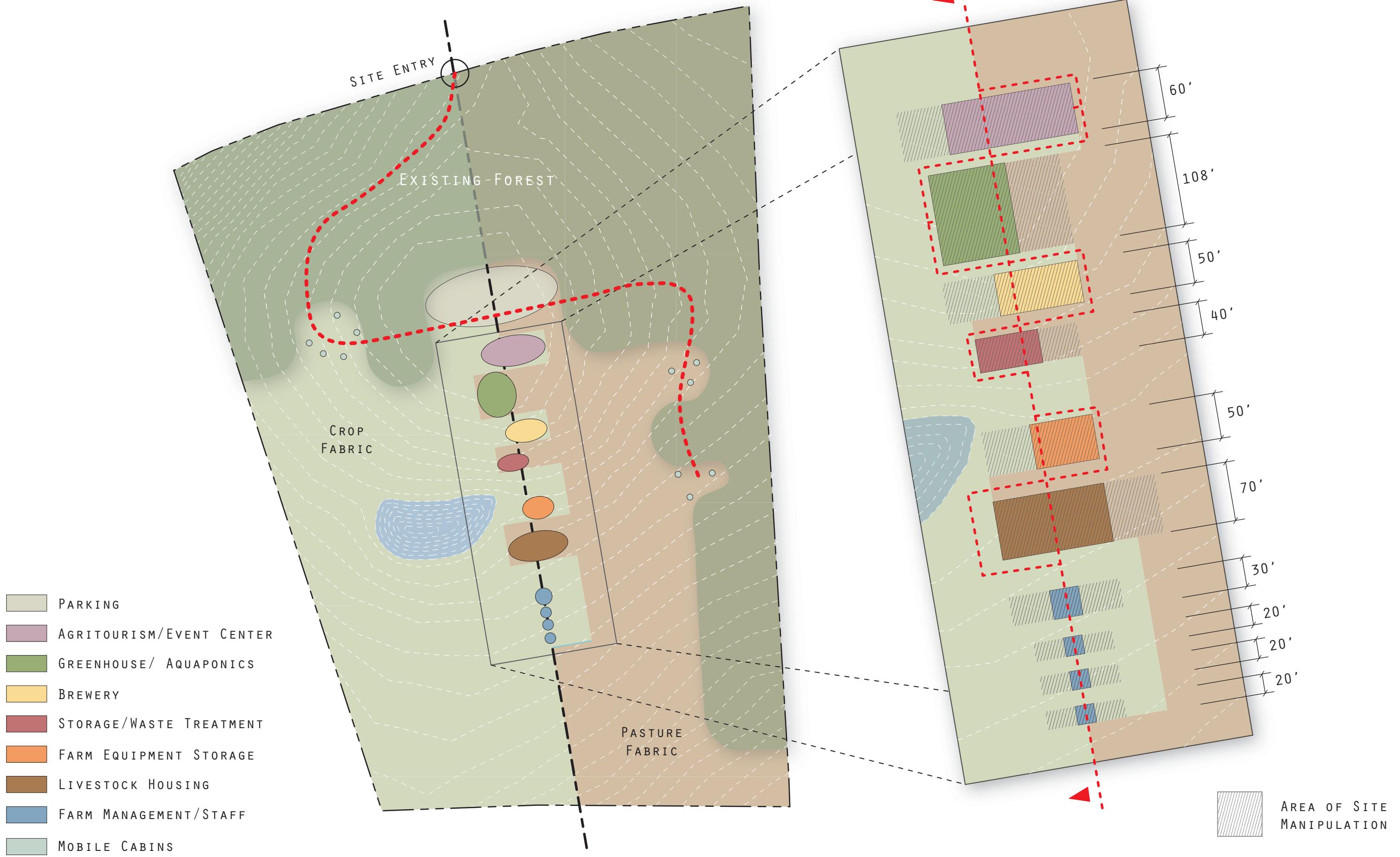
CONCEPT EXPLORATION 1: SITE ORGANIZATION



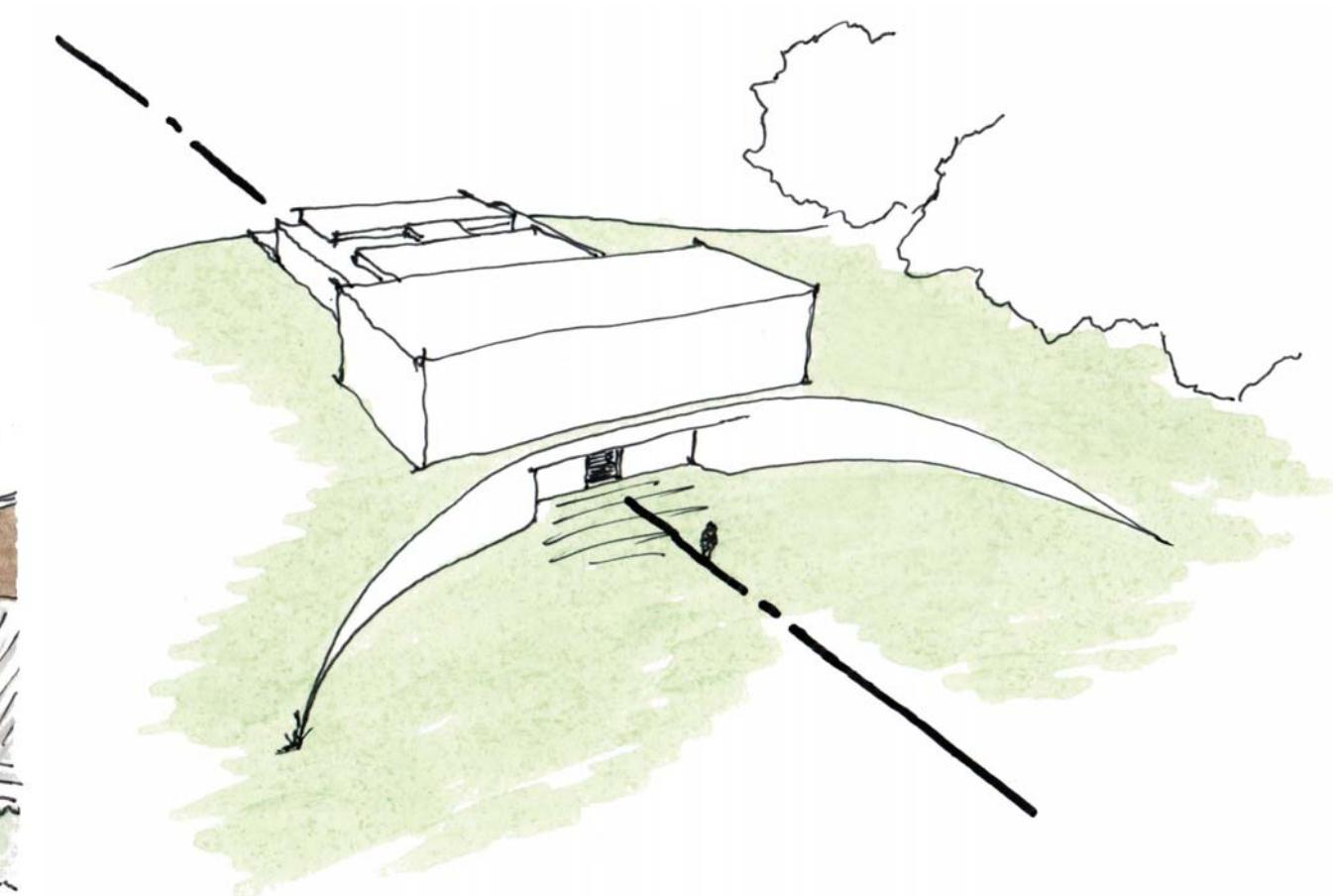
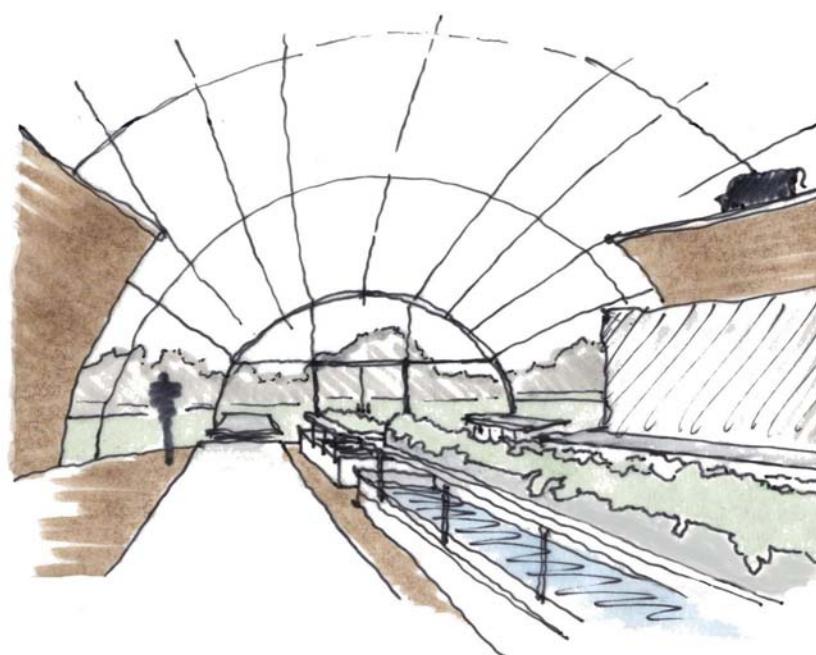
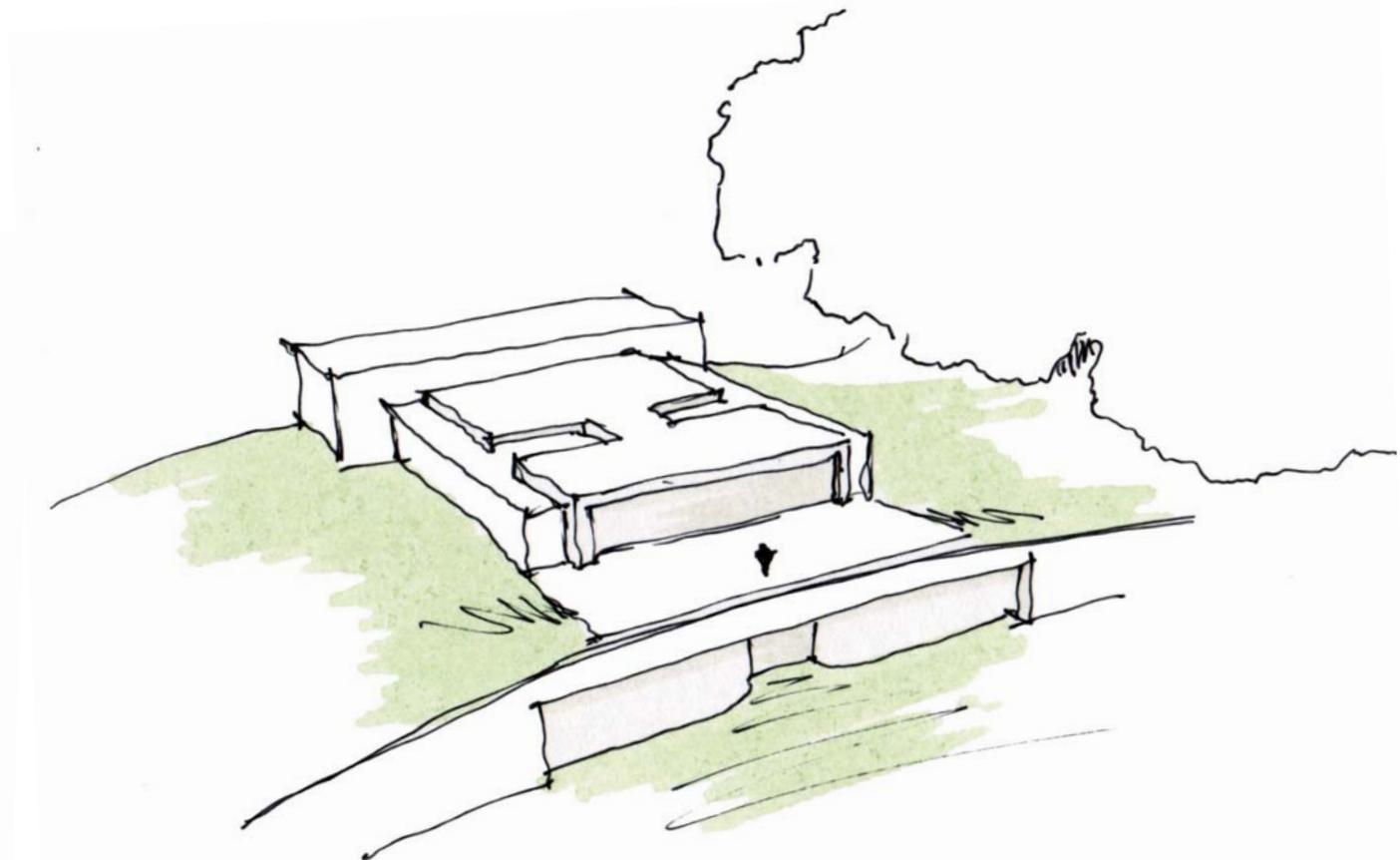
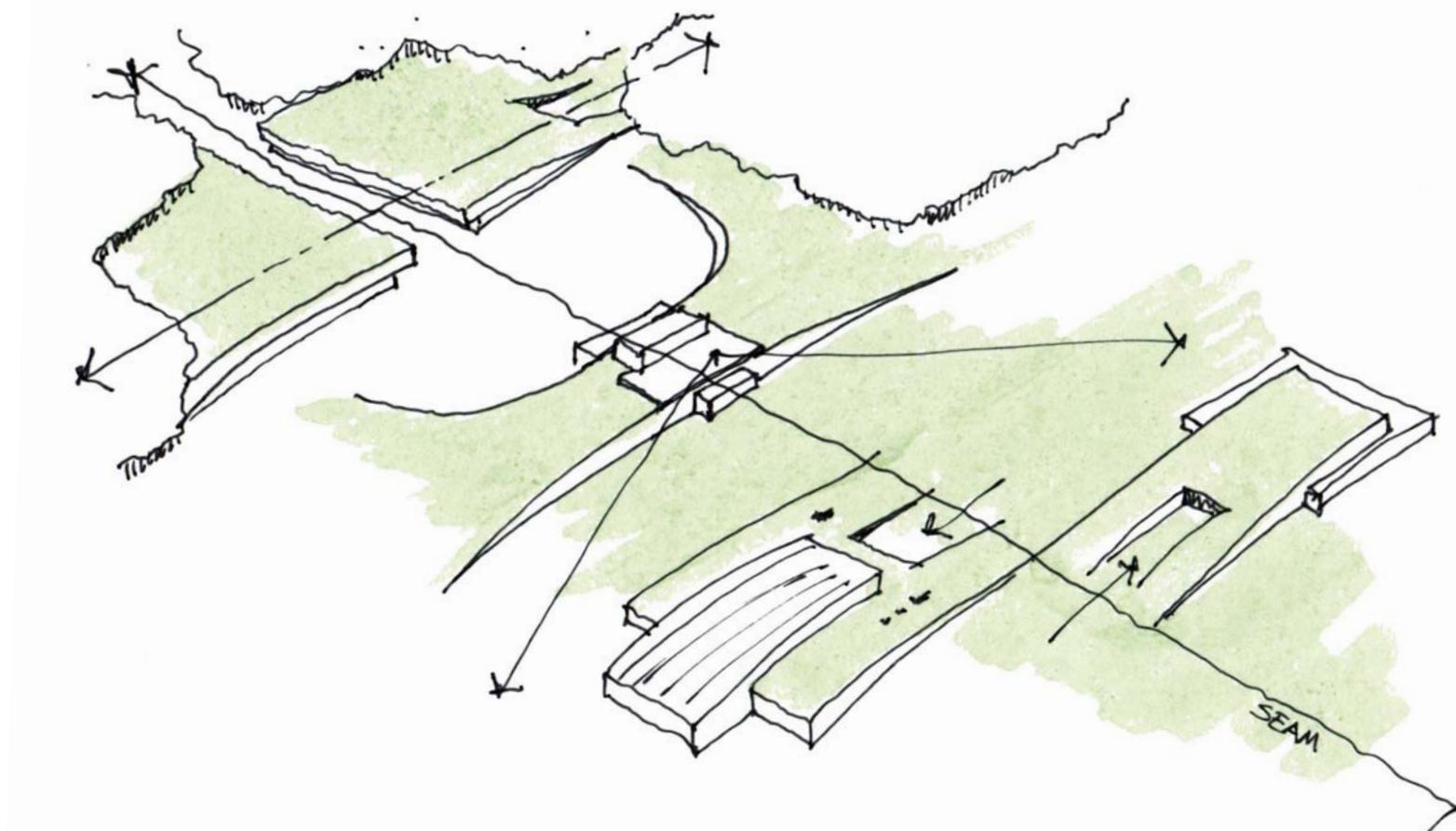
CONCEPT EXPLORATION 2:
SCALE, CIRCULATION, SECTION



CONCEPT EXPLORATION 2:
SCALE, CIRCULATION, SECTION

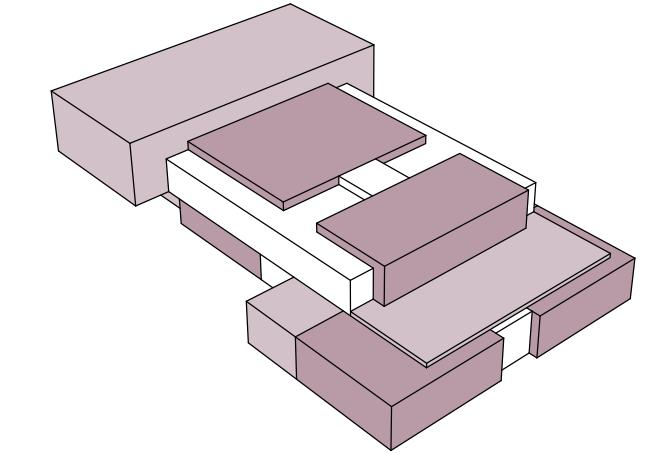
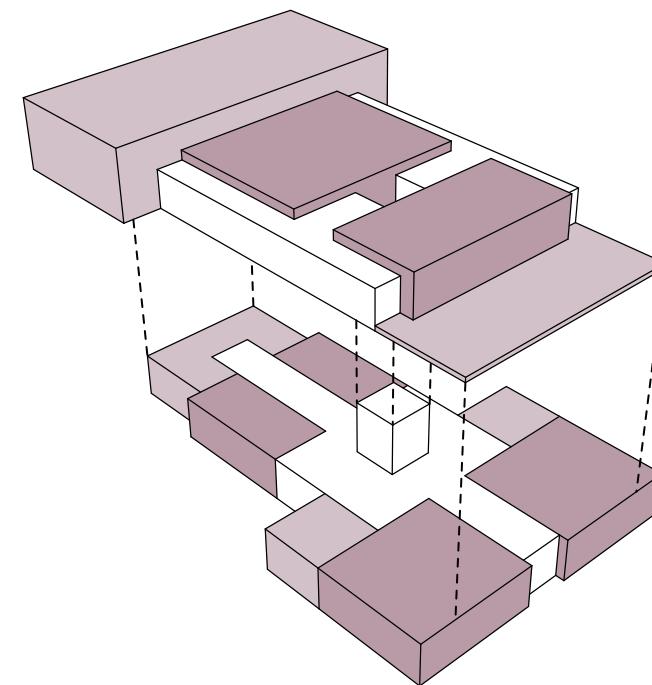
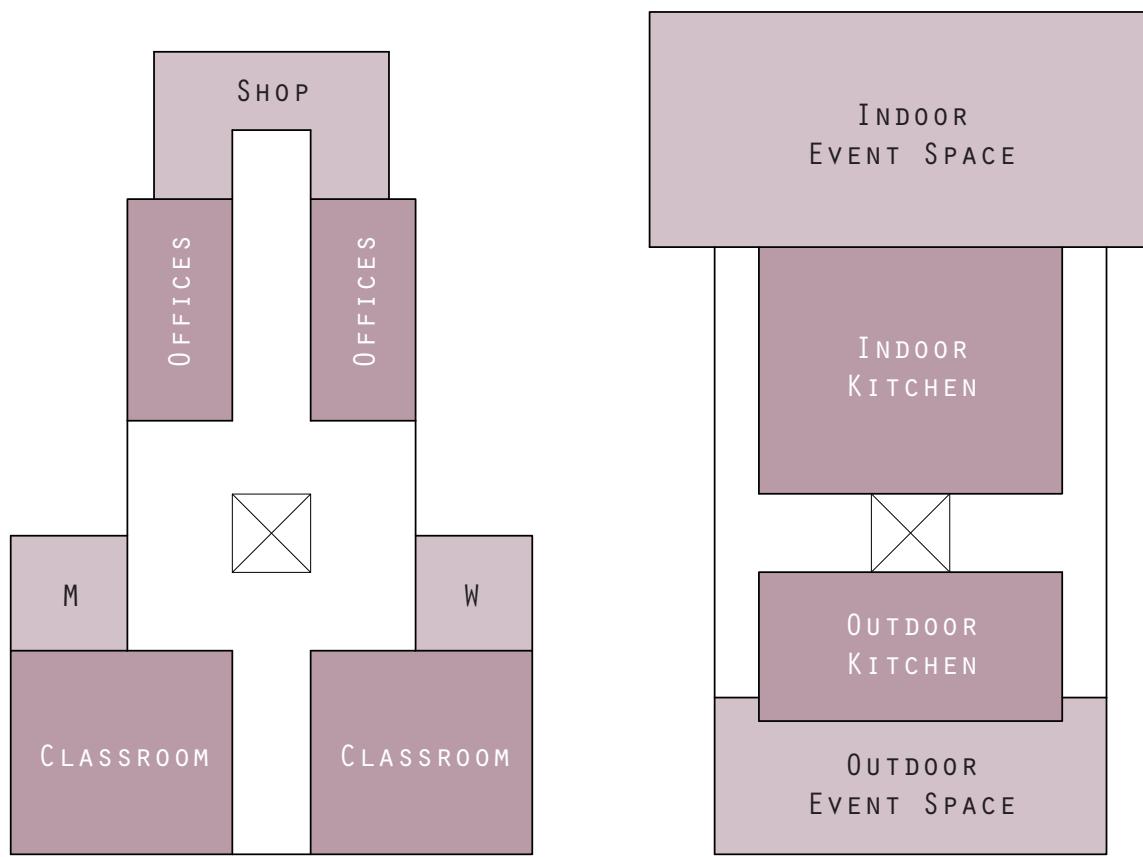
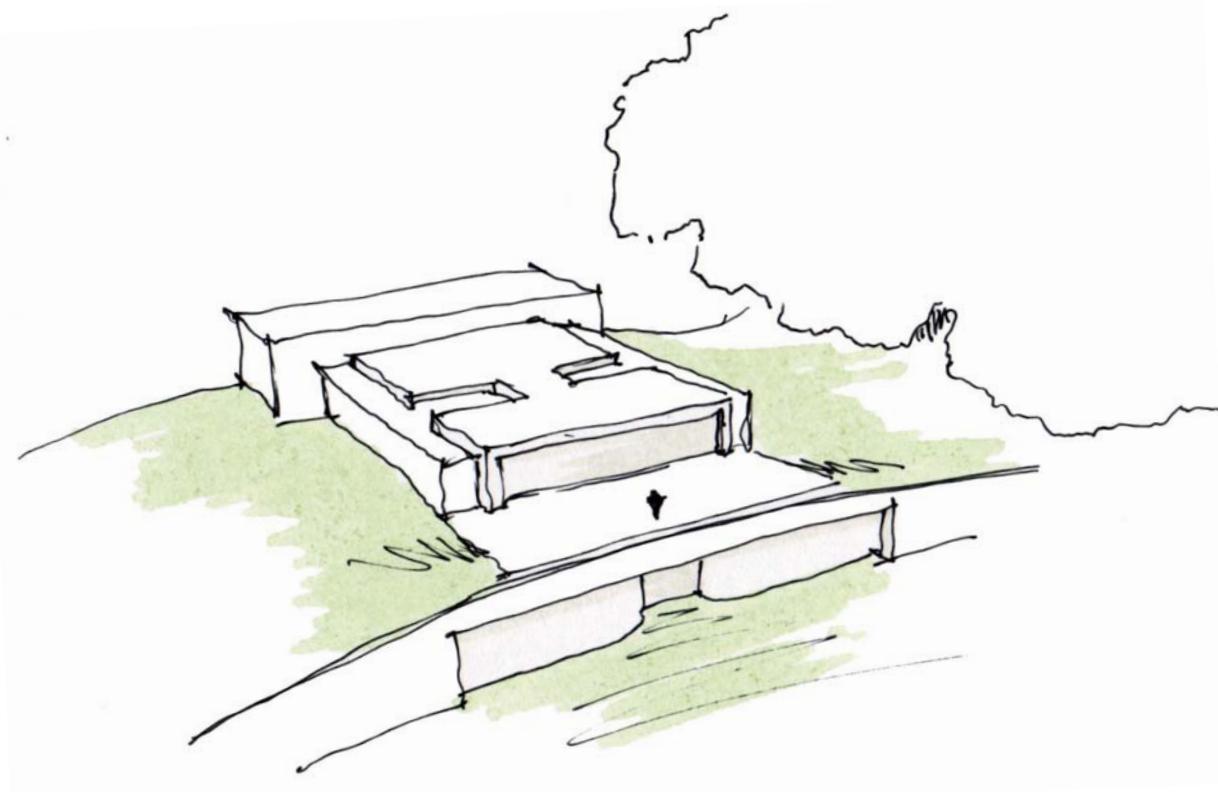


FLOCKTOWN FARMS:
INVESTIGATING BUILT FORM

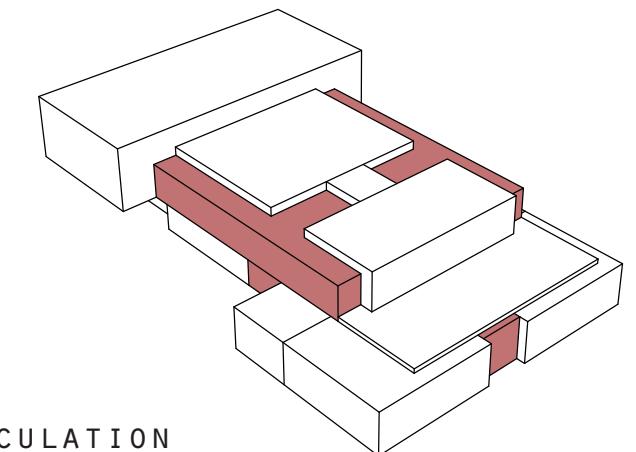
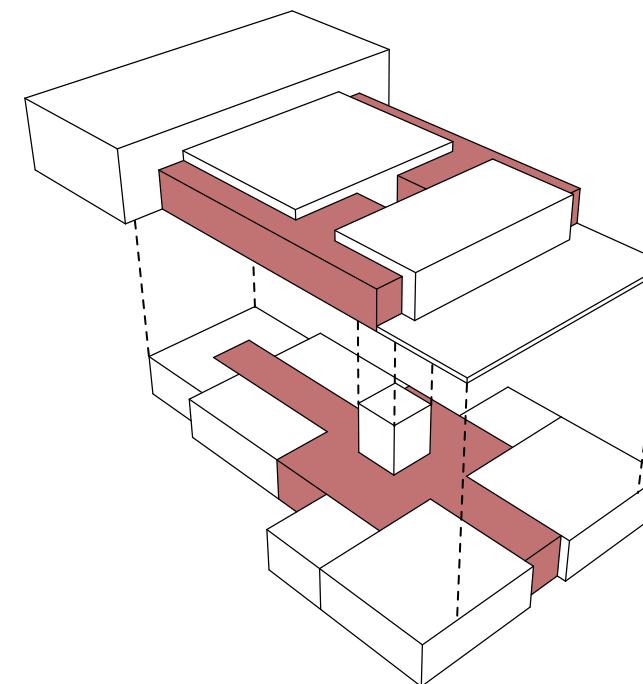


AGRITOURISM CENTER
FARM TO TABLE RESTAURANT

FLOCKTOWN FARMS:
INVESTIGATING BUILT FORM



STACKED

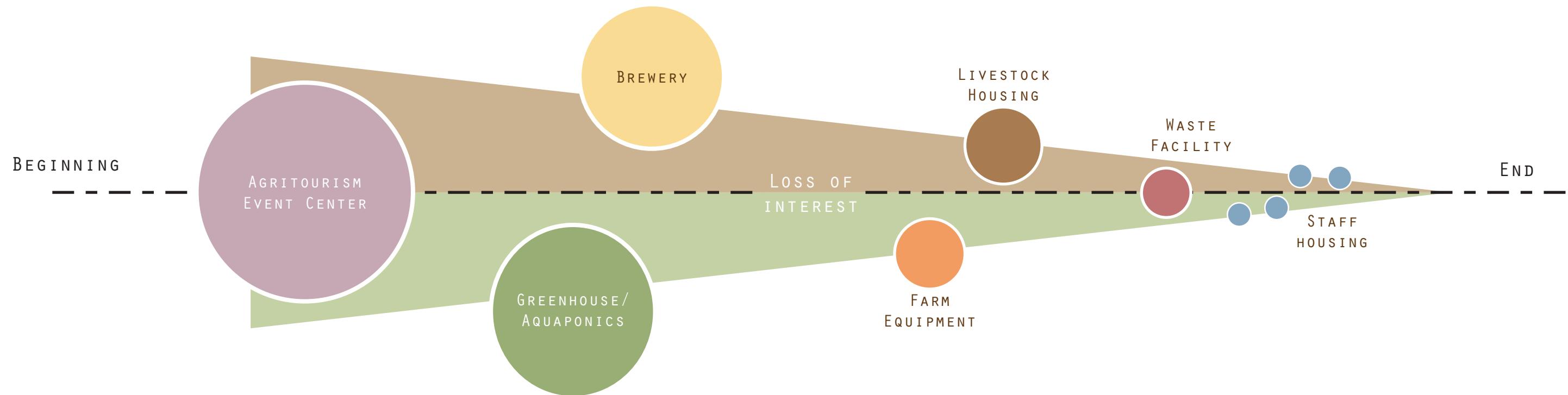


CIRCULATION

FLOCKTOWN FARMS:
MACRO PROGRAM SEQUENCE

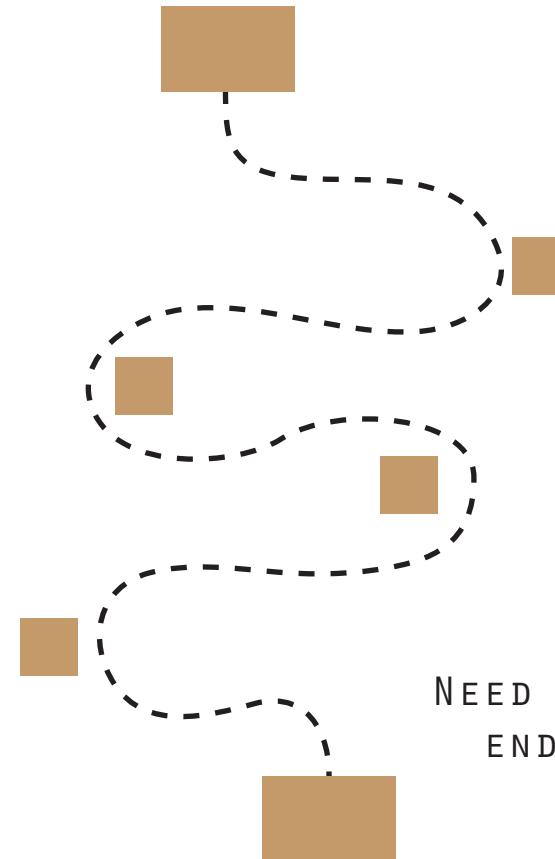
MIDTERM PROGRAM SEQUENCE

DIA METER = LEVEL OF VISITOR INTEREST



VISITOR EXPERIENCE

HOW DO YOU DRAW THE VISITOR DOWN THROUGH THE SITE?



1. IMMERSION:

TELLING THE "STORY OF THE FARM"

2. CAPTURE CURIOSITY

VIEWS - HIDDEN AND REVEALED

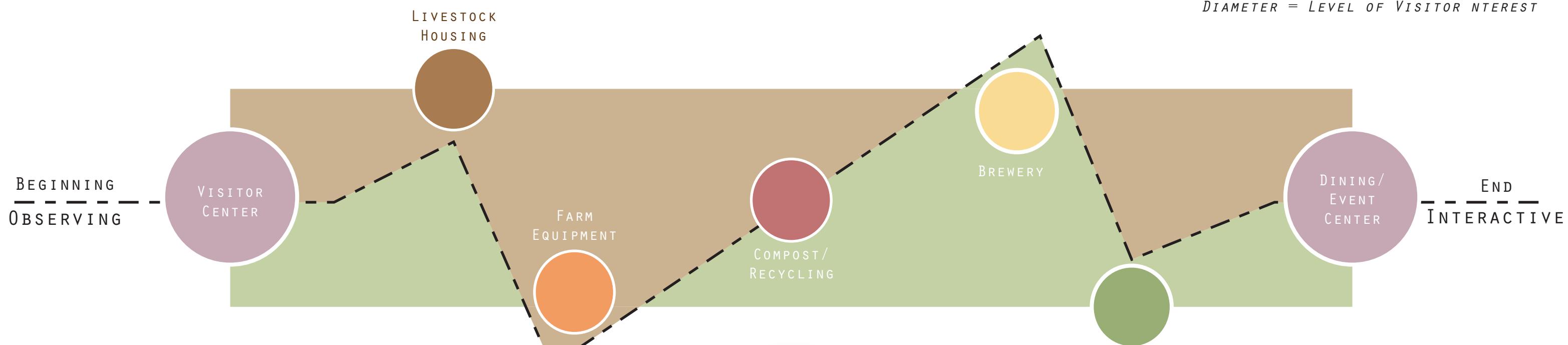
3. ENGAGING/TANGIBLE

OBSERVING AND HANDS-ON

4. SOCIAL INTERACTION

FARM TO TABLE DINNER

FLOCKTOWN FARMS: MACRO PROGRAM SEQUENCE



"THE FARM"

WHAT GIVES IS
ITS CHARACTER?

MATERIAL
PALLETTE



WOOD



METAL



STONE

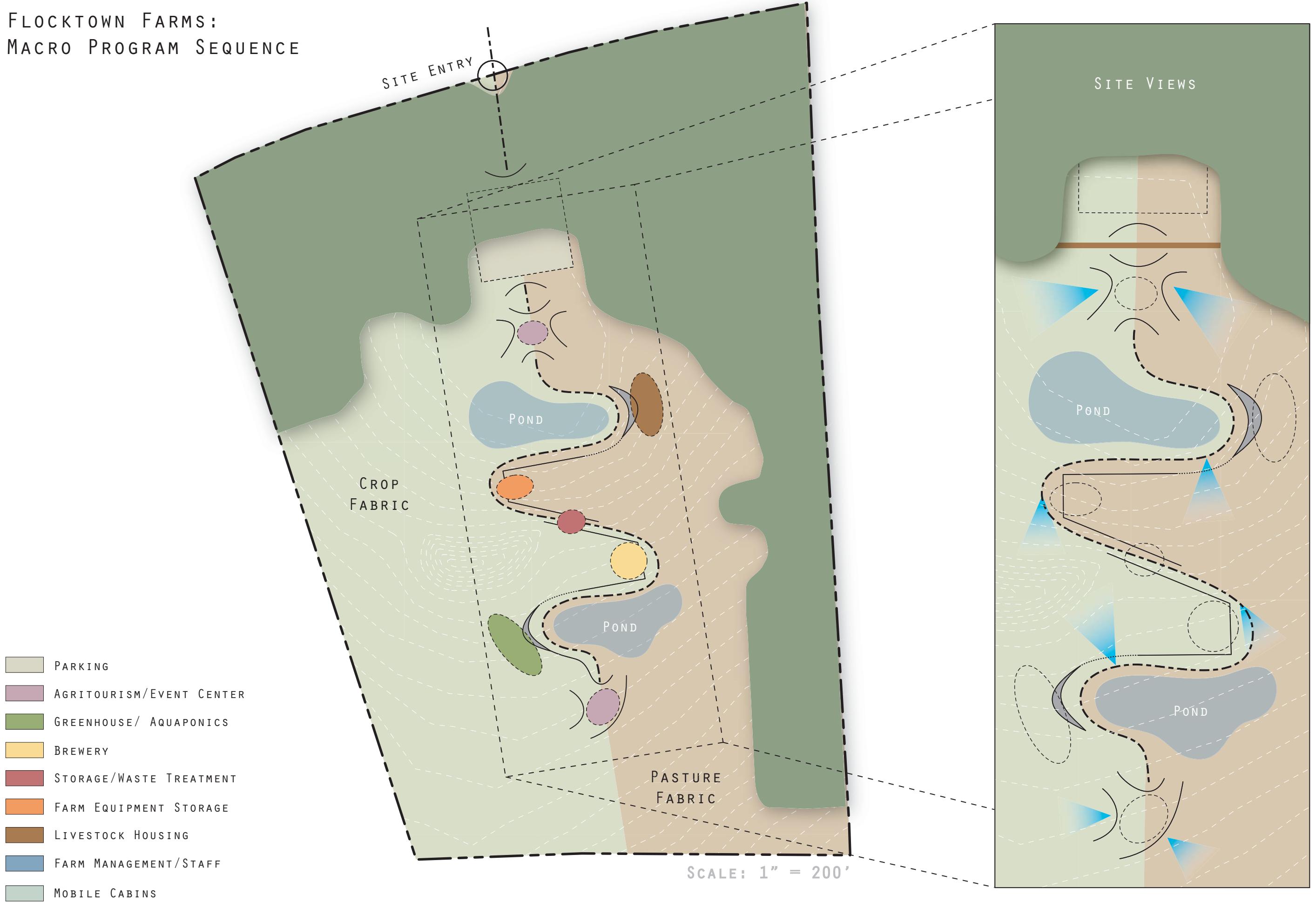


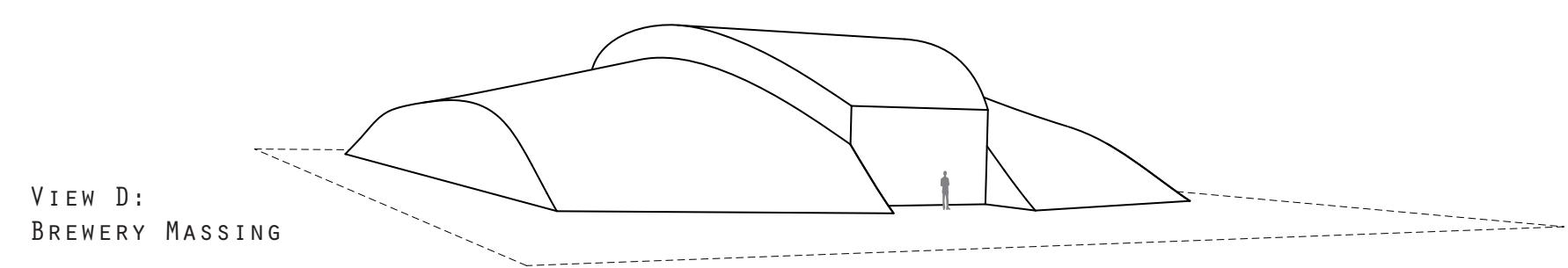
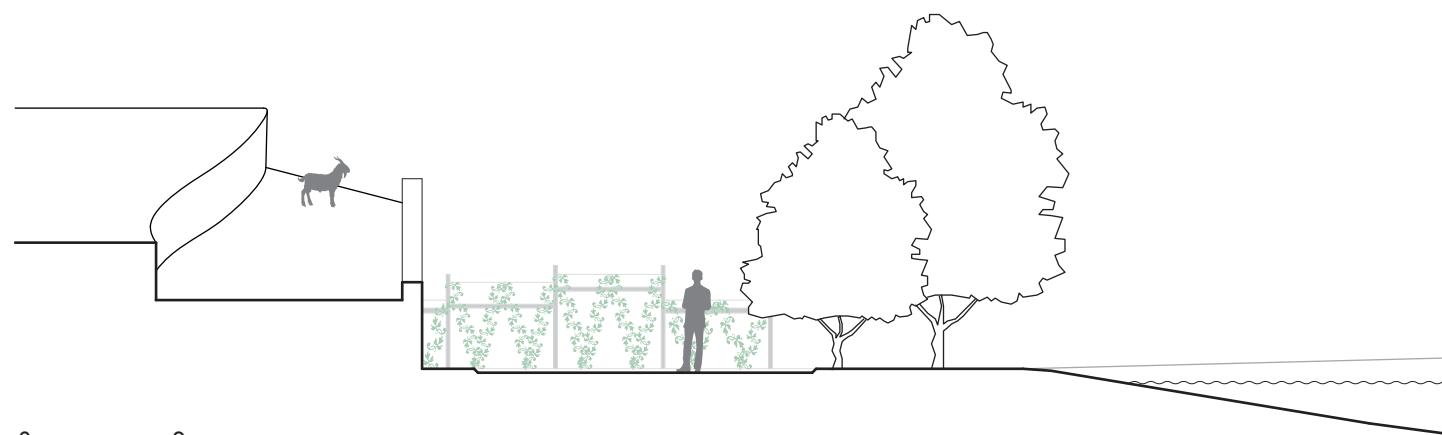
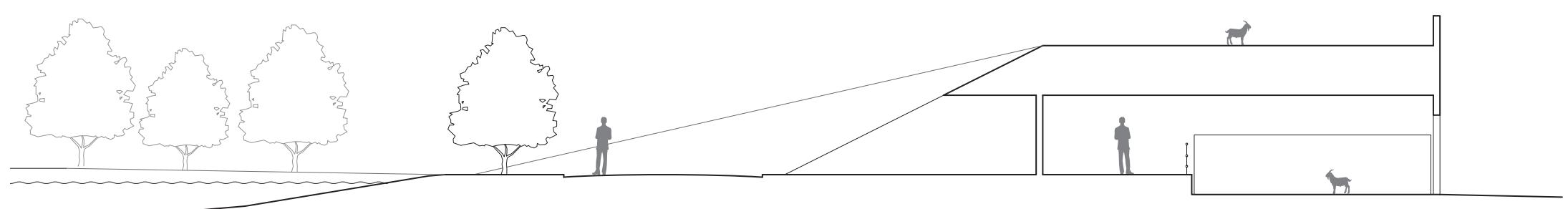
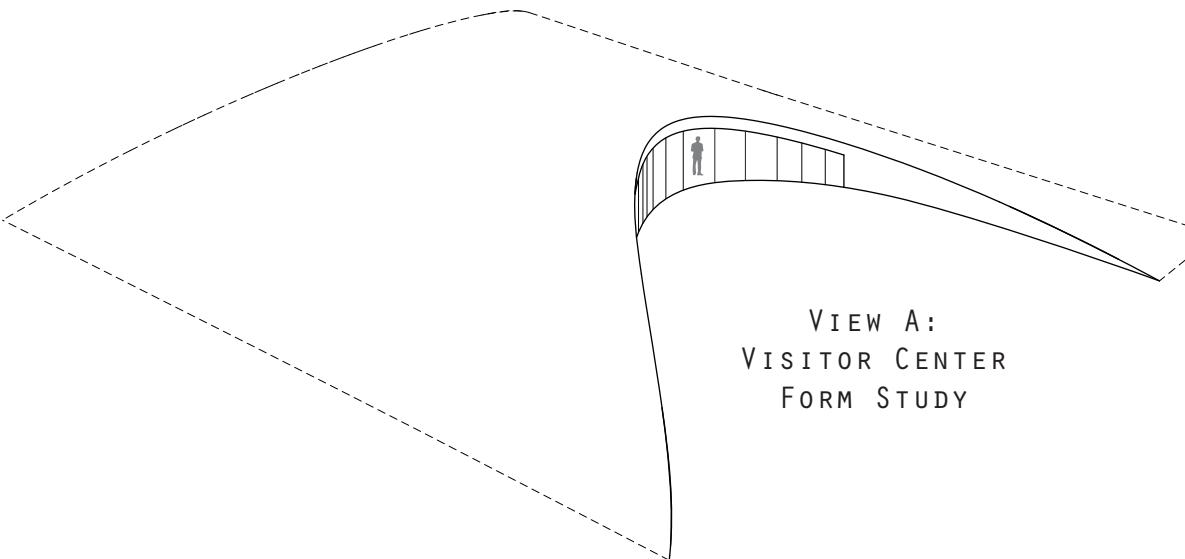
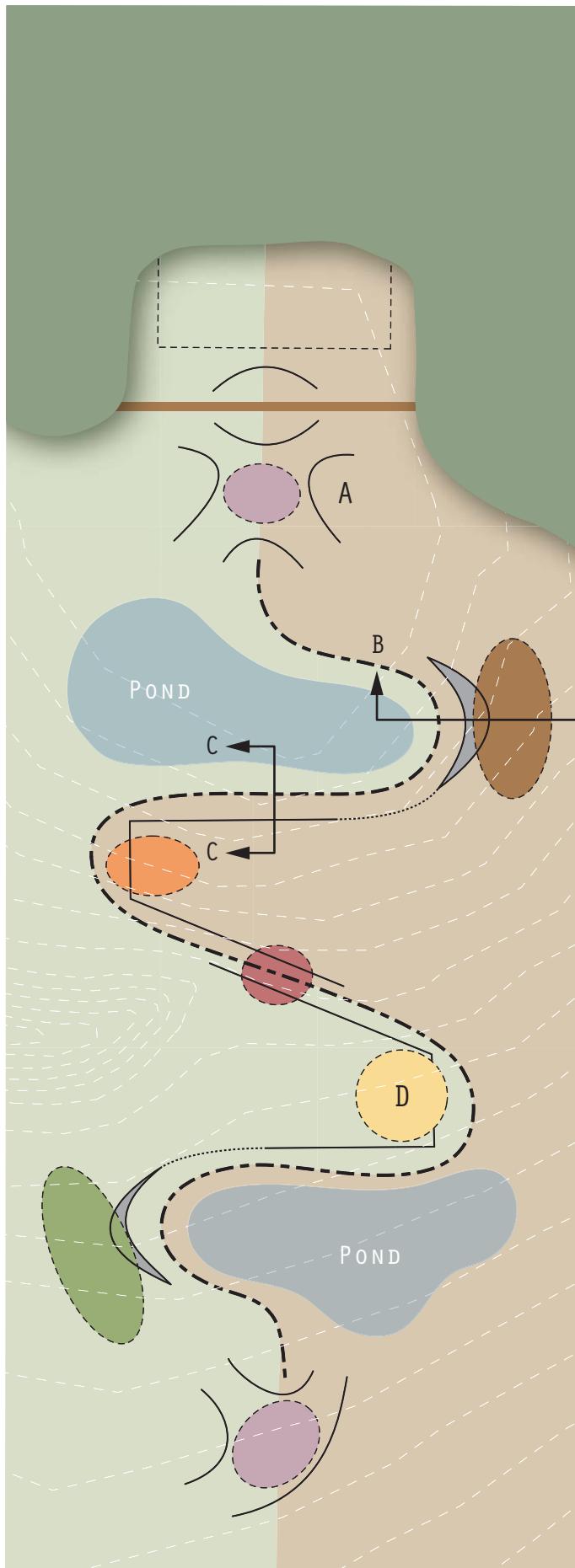
GREENHOUSE/
AQUAPONICS



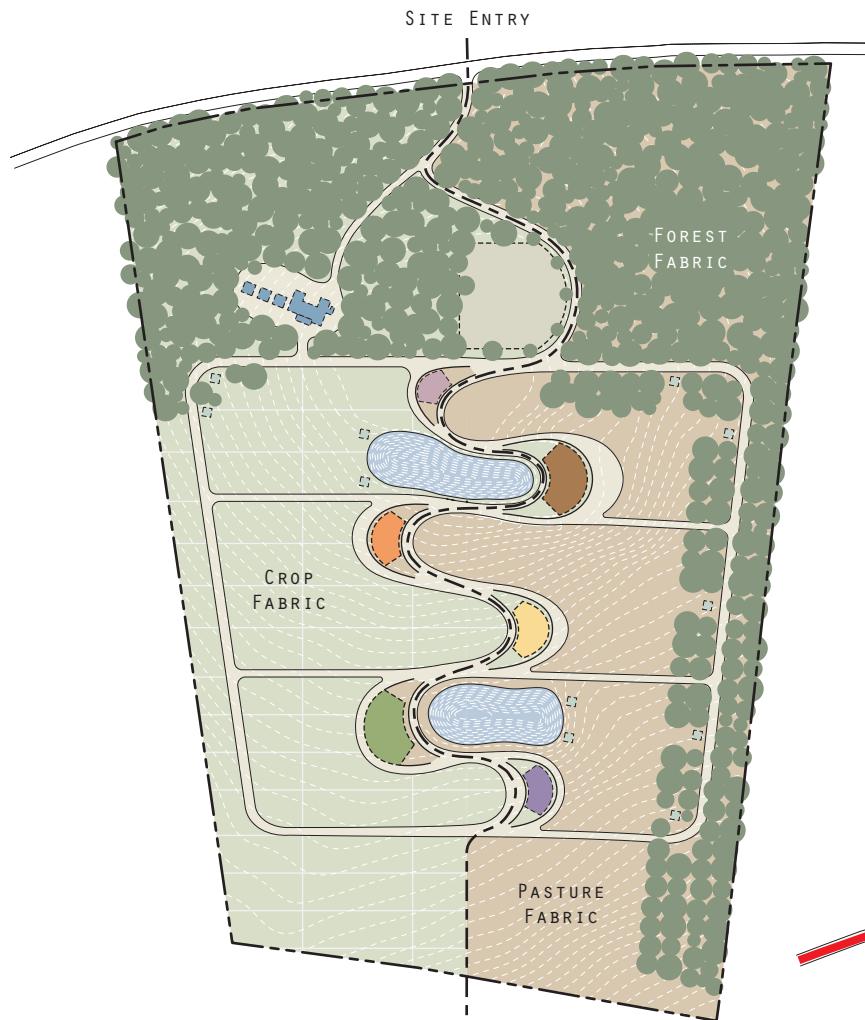
LANDSCAPE

FLOCKTOWN FARMS: MACRO PROGRAM SEQUENCE

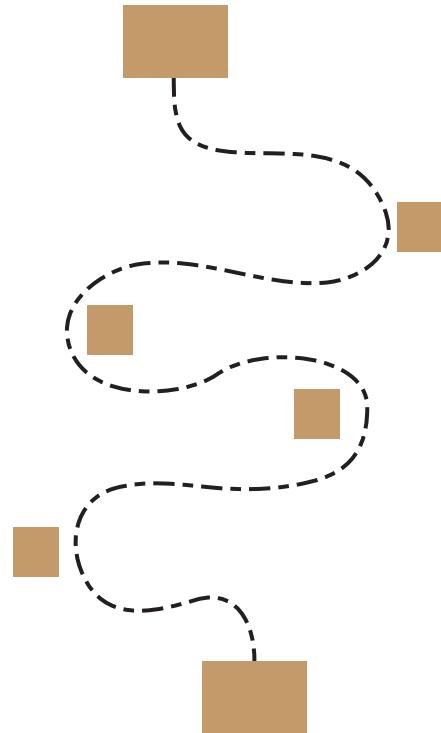




FLOCKTOWN FARMS: MASTER SITE STRATEGY



FLOCKTOWN FARMS: UNDERSTANDING “THE SEAM”

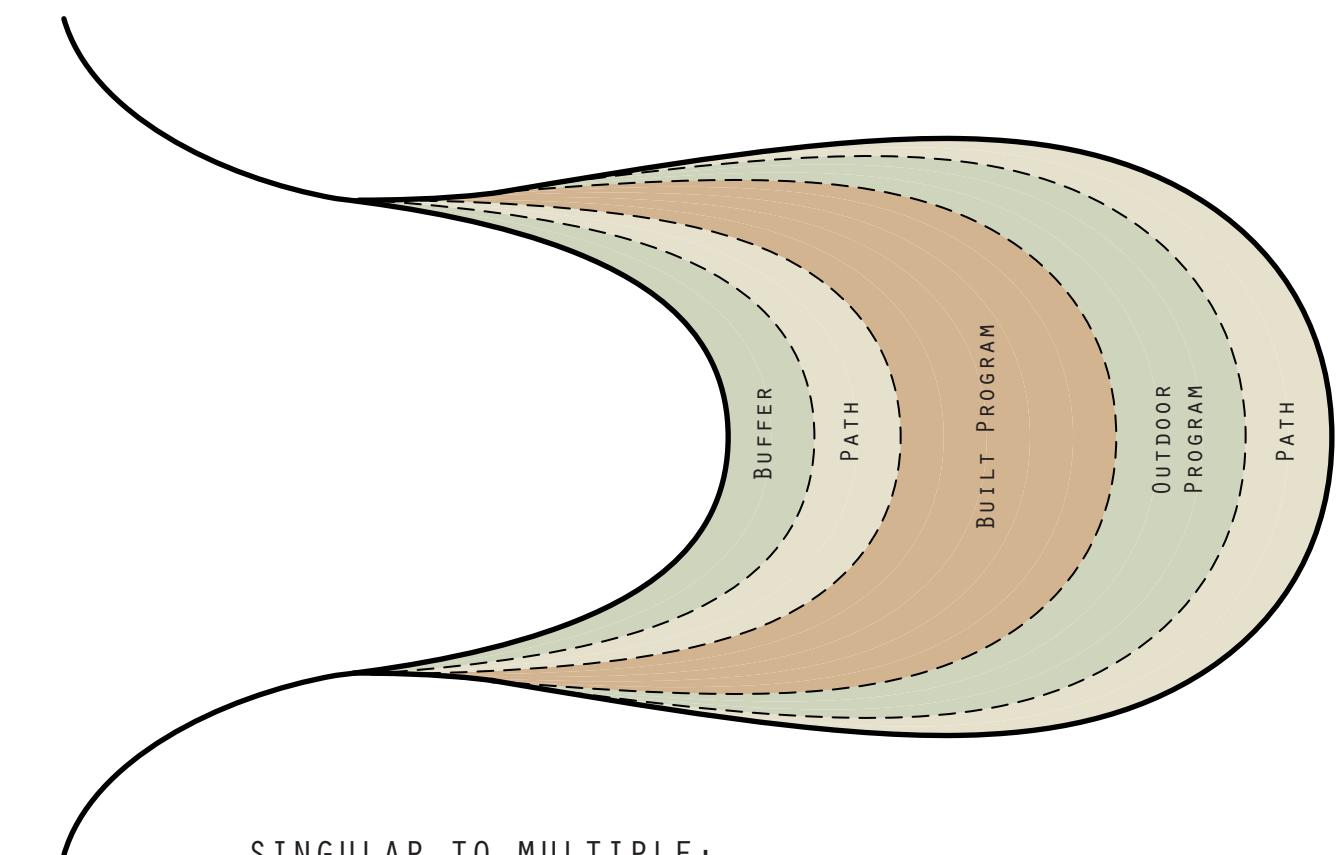


EXPERIENCING “THE SEAM”

RATHER THAN HAVING THE SEAM BE A LINE THAT RUNS THROUGH THE SITE, IT NOW BECOMES THE VEHICLE FOR EXPERIENCING THE FARM AND MOVING THE VISITORS FROM FABRIC TO FABRIC.

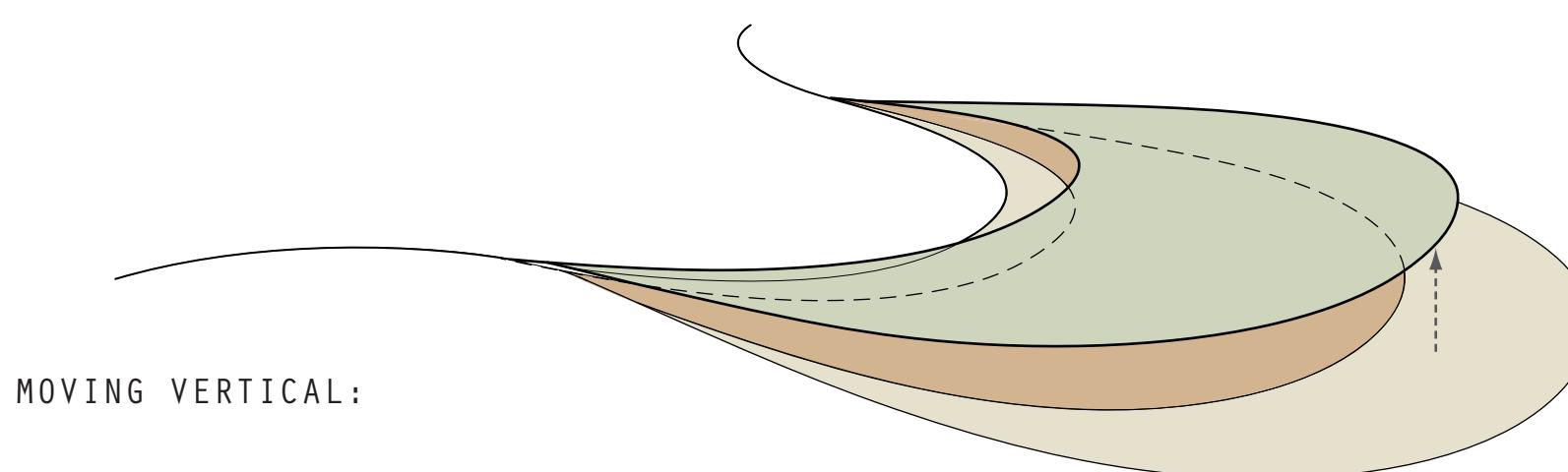
A SINGULAR PATH THAT WEAVES BACK AND FORTH PROVIDES THE MOVEMENT NEEDED. HOWEVER, IT IS LIMITED AND OFFERS THE VISITOR NO VARIETY IN HIS/HERS EXPERIENCE OF THE FARM.

AMPLIFYING EACH OF THE MAJOR CURVES ALONG THE “SEAM” PROVIDES DESIGN OPPORTUNITIES THAT WILL PROVIDE THE VISITOR WITH FLEXIBILITY AND VARIETY WHEN EXPERIENCING FLOCKTOWN FARM.



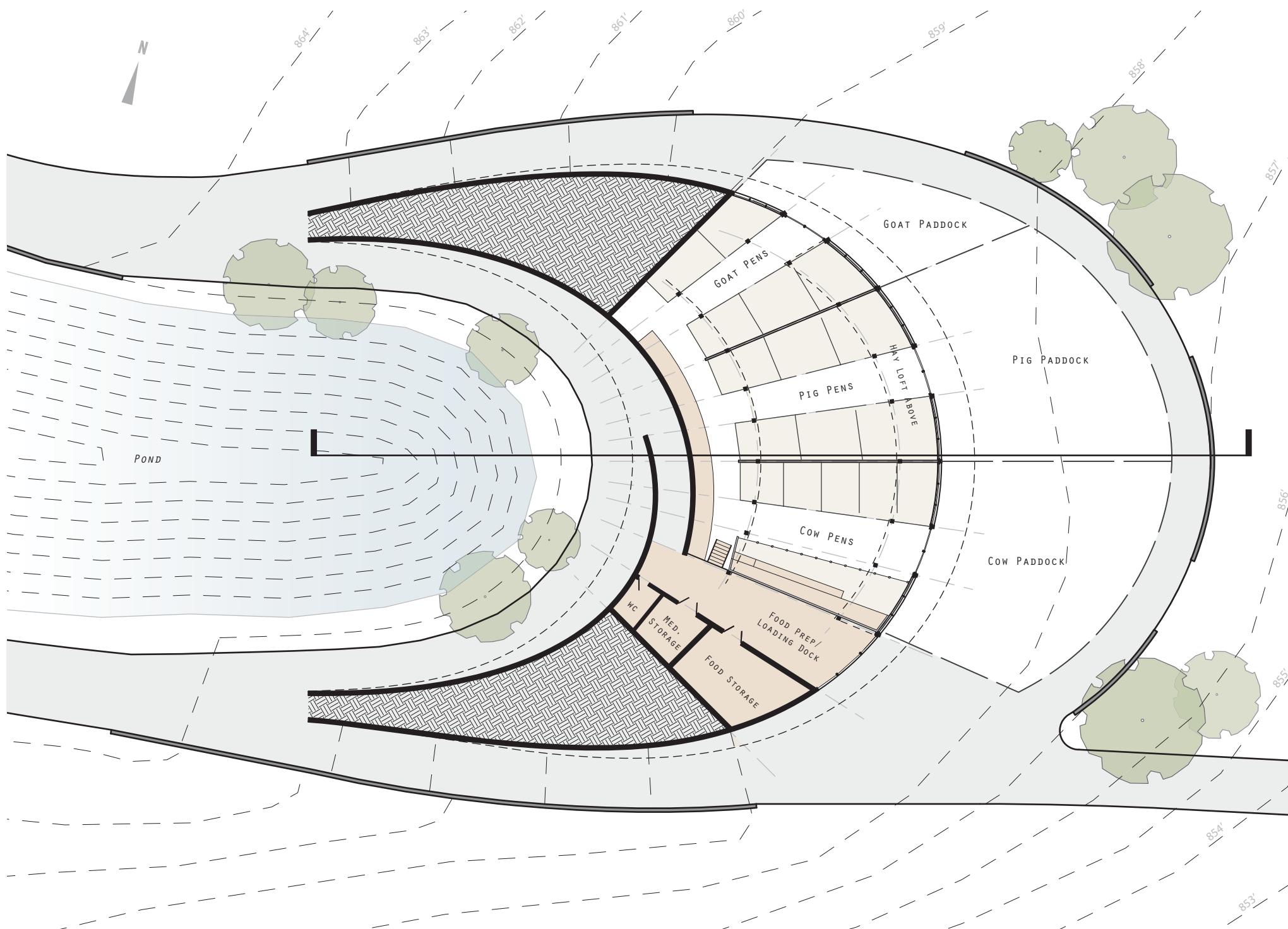
SINGULAR TO MULTIPLE:

THE ORIGINAL PATH IS AMPLIFIED, AND PROVIDES A SYSTEM OF ORGANIZATION FOR THE VARIOUS PROGRAM ELEMENTS. NOT ONLY DOES IT HELP TO BREAKDOWN THE MICRO PROGRAM, BUT IT ALSO PROVIDES MULTIPLE WAYS A VISITOR MAY MOVE THROUGH AND EXPERIENCE THE SITE.



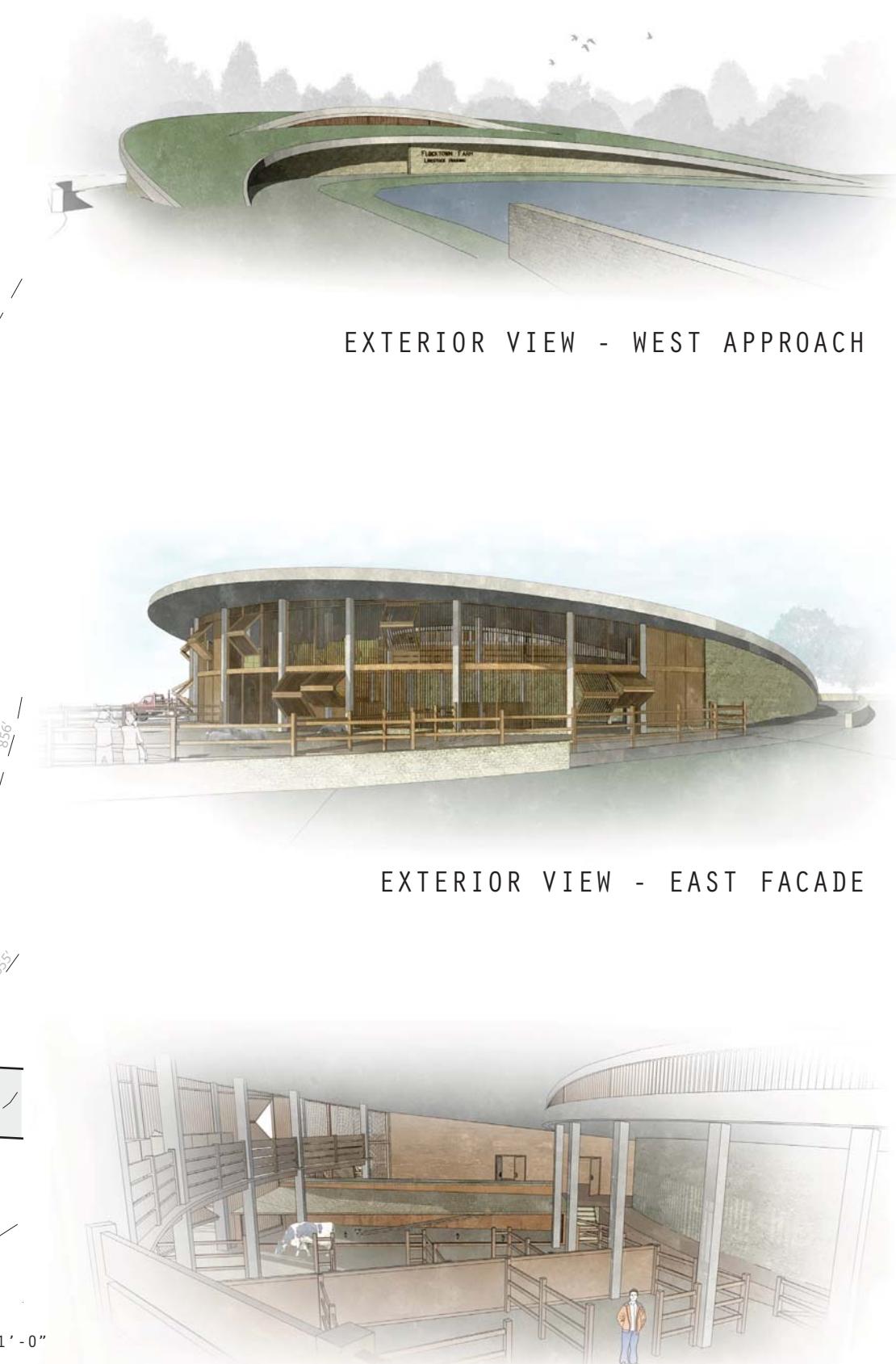
MOVING VERTICAL:
USING THE MULTIPLE CURVE SYSTEM TO CREATE THREE DIMENSIONAL SPACE. THE STRUCTURES ARE “LIFTED” OUT OF THE GROUND RATHER THAN EXTRUDED.

FLOCKTOWN FARMS:
PROTOTYPE - LIVESTOCK HOUSING



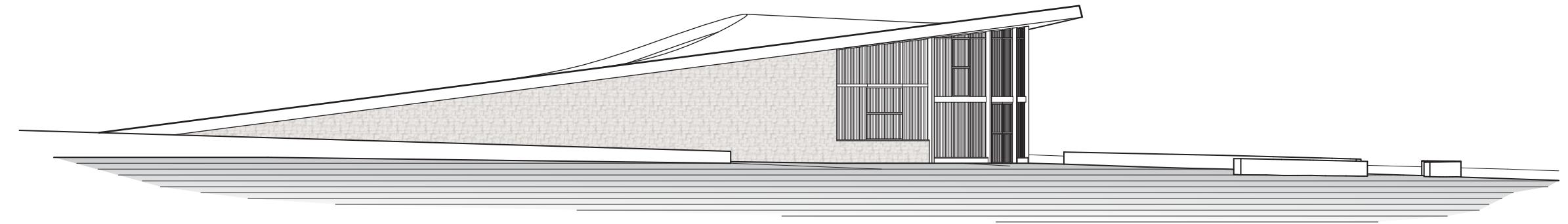
FLOOR PLAN

SCALE: 1/32" = 1'-0"

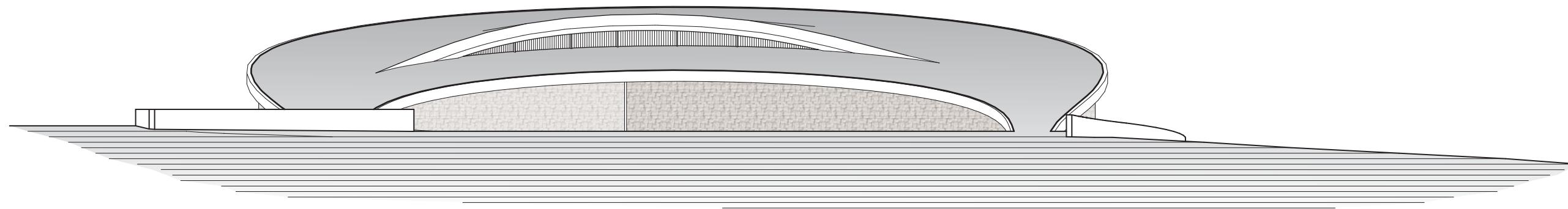


EXTERIOR VIEW - WEST APPROACH
EXTERIOR VIEW - EAST FACADE
INTERIOR VIEW - FROM HAY LOFT

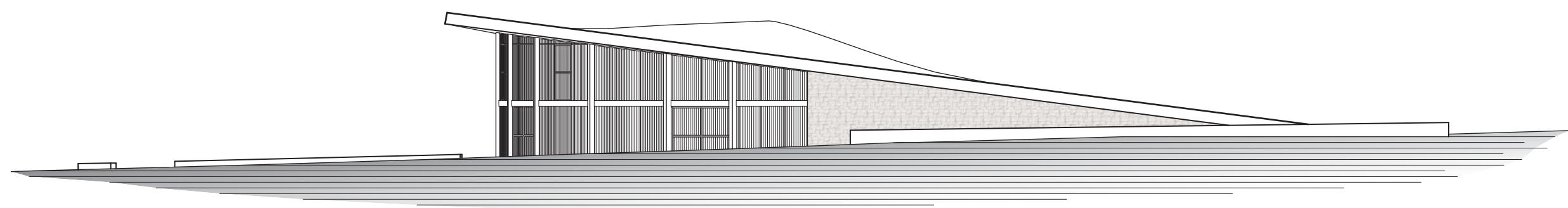
FLOCKTOWN FARMS:
PROTOTYPE - LIVESTOCK HOUSING



SOUTH ELEVATION

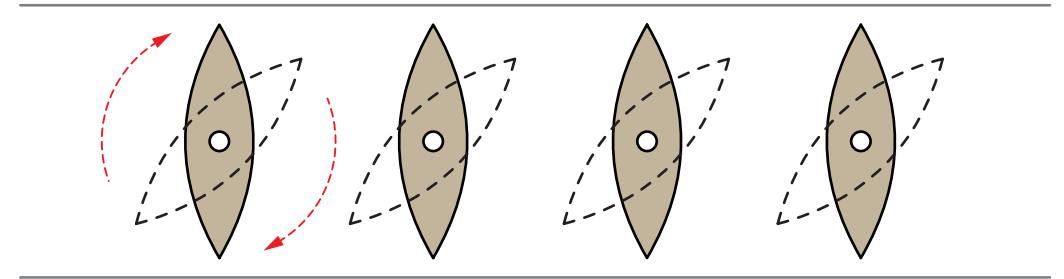


WEST ELEVATION



NORTH ELEVATION

FLOCKTOWN FARMS:
PROTOTYPE - LIVESTOCK HOUSING



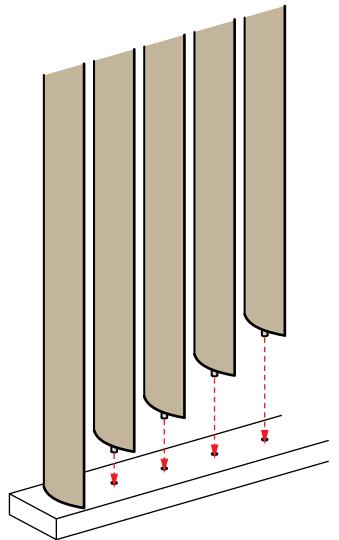
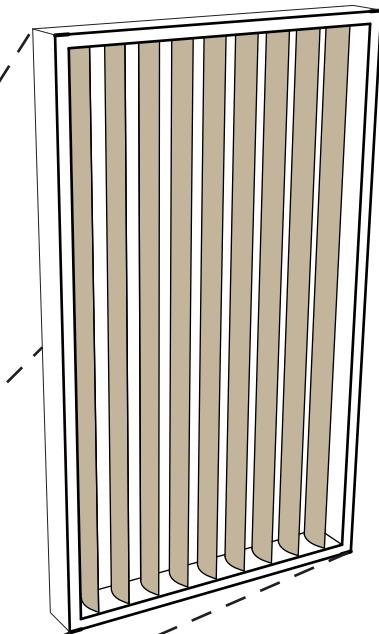
VERGOLA LOUVRE SYSTEM

LOUVRE DIMENSIONS: WIDTH: 7"
SPAN: 12'-0"

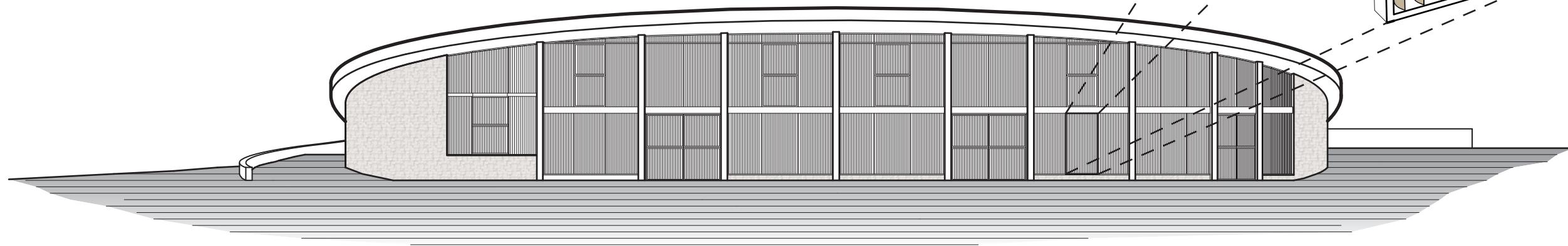
(MAX/LOUVRE)

LOUVRE ROTATIONS: 0° - 155°

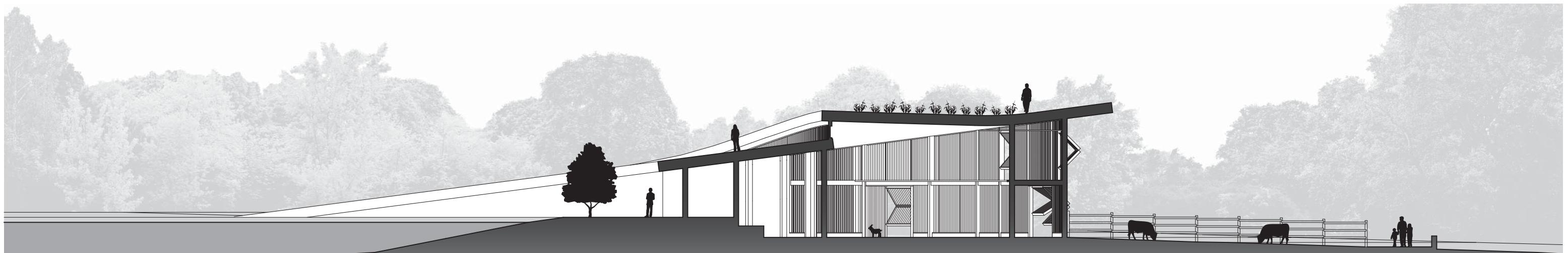
CONTROLS: 12V DC MOTOR
(OPERATES UP TO 30 LOUVRES)



OPERABLE EXTERIOR SKIN



EAST ELEVATION



BUILDING SECTION