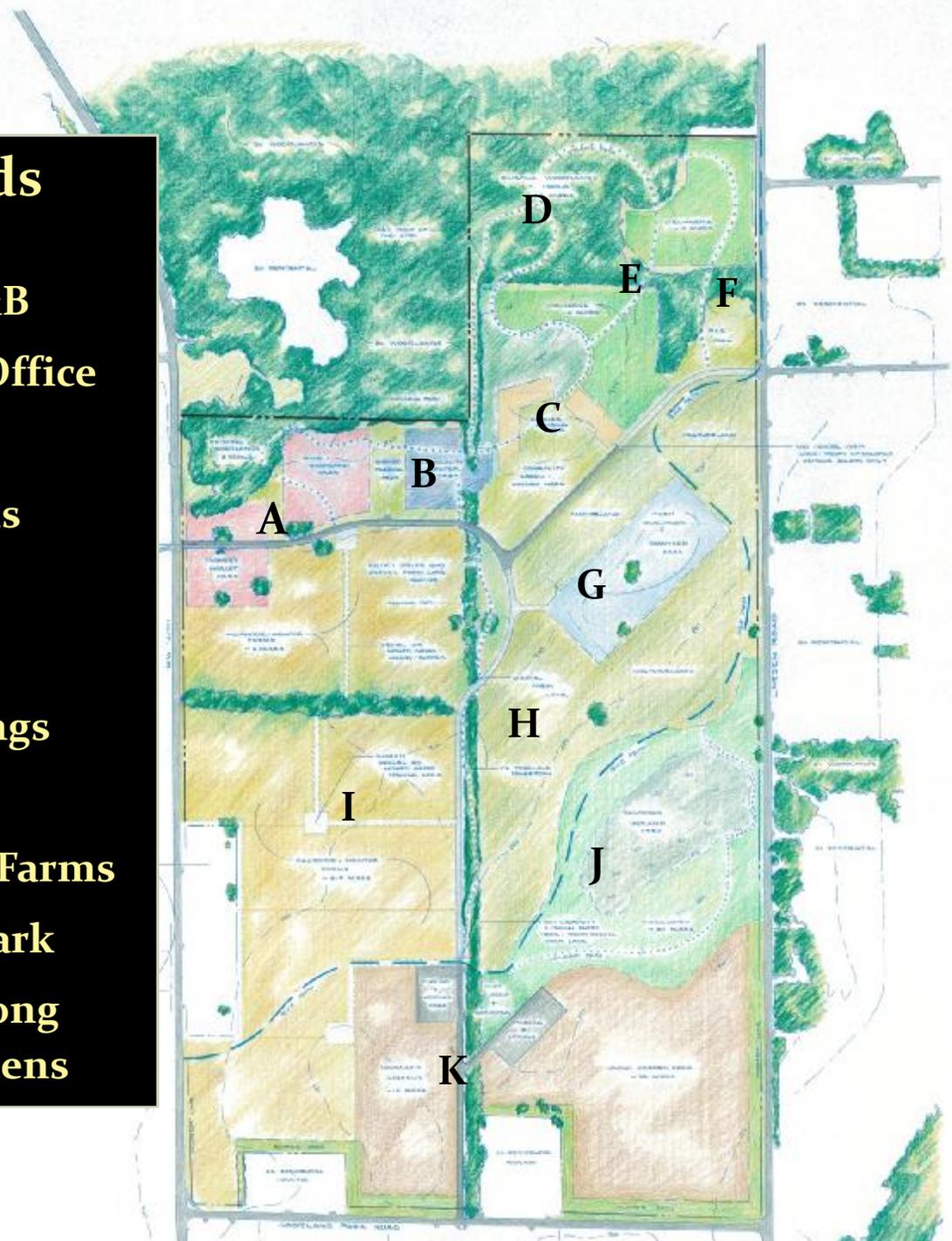


Fitchburg Fields

Key:

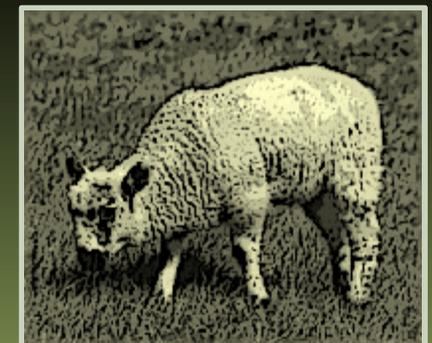
-  A. Retail – Market/B&B
-  B. Community Cntr/Office
-  C. Co-Housing
-  D. Existing Woodlands
-  E. Orchards
-  F. Bike Park
-  G. Barnyard & Buildings
-  H. Pastures
-  I. Incubator/Mentor Farms
-  J. Wetland/Prairie/Park
-  K. Community & Hmong Gardens



Plan for Northeast Fitchburg

Presented by **Fitchburg Fields**

Our Mission is to promote sustainable living, especially regionally-based food systems - primarily by creating a center for teaching and practicing small-scale, organic agriculture and sustainable living in Fitchburg, Wisconsin.



Advisory Board

David Bohnhoff

- Professor of Structural Engineering, Biological Systems Engineering Dept., College of Ag and Life Sciences, UW-Madison

Gerald R. Campbell

- Professor and Extension Specialist, Agricultural and Applied Economics, UW-Madison/Extension
- Appointed member of the Dane County Food Council

Sam Dennis, Jr.

- Board Member, Friends of Troy Gardens

Ron Doetch

- Executive Director, Michael Fields Agricultural Institute

John Hendrickson

- Coordinator, Wisconsin School for Beginning Market Growers, CIAS, UW-Madison *
- Board Member, Madison Area CSA Coalition *

Molly Jahn

Brian Joiner

- Co-Founder, Past President, and Member of the Board, Sustain Dane *

Jerome Kaufman

- Emeritus Professor of Urban and Regional Planning, UW-Madison
- President, Growing Power, Milwaukee, Board of Directors

Dale Secher

- Owner and Operator of Carandale Farm, Town of Oregon

Joy Zedler

- Aldo Leopold Professor of Restoration Ecology, Arboretum and Botany Dept., UW-Madison *

* Organizations listed for identification purposes only

Features

Farm School

- Incubator Plots with low rent and short-term lease
- Mentoring from CSA farmers
- Match New & Retiring Farmers
- Share Tools/Equipment/Buildings
- Public education including conversion to Organic Farming
- Pastures & Orchards

Community Gathering Room

- Public Gatherings – Weddings, Dances, Potlucks

Economic Development Assets

- Year Round Farmers' Market
- Bike & Breakfast Inn

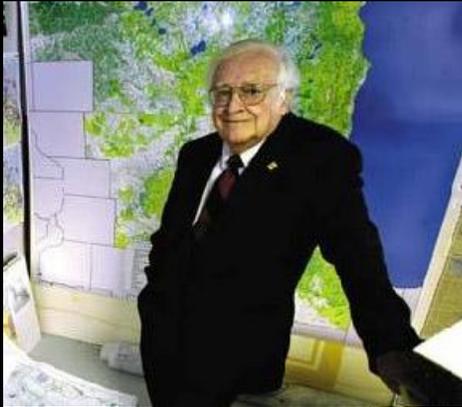
Public Benefits

- Community Gardens
- Restored Wetland/Prairie
- Bike Path
- Bike Park
- Pesticide/Herbicide-Free Living
- Sustainable Land Use
- Gleaning Program

Eco-Village for Farmers and Others

- 30 Units of Workforce Housing
- Renewable Energy
- Living Machine
(Innovative, Natural, Waste Water Treatment)

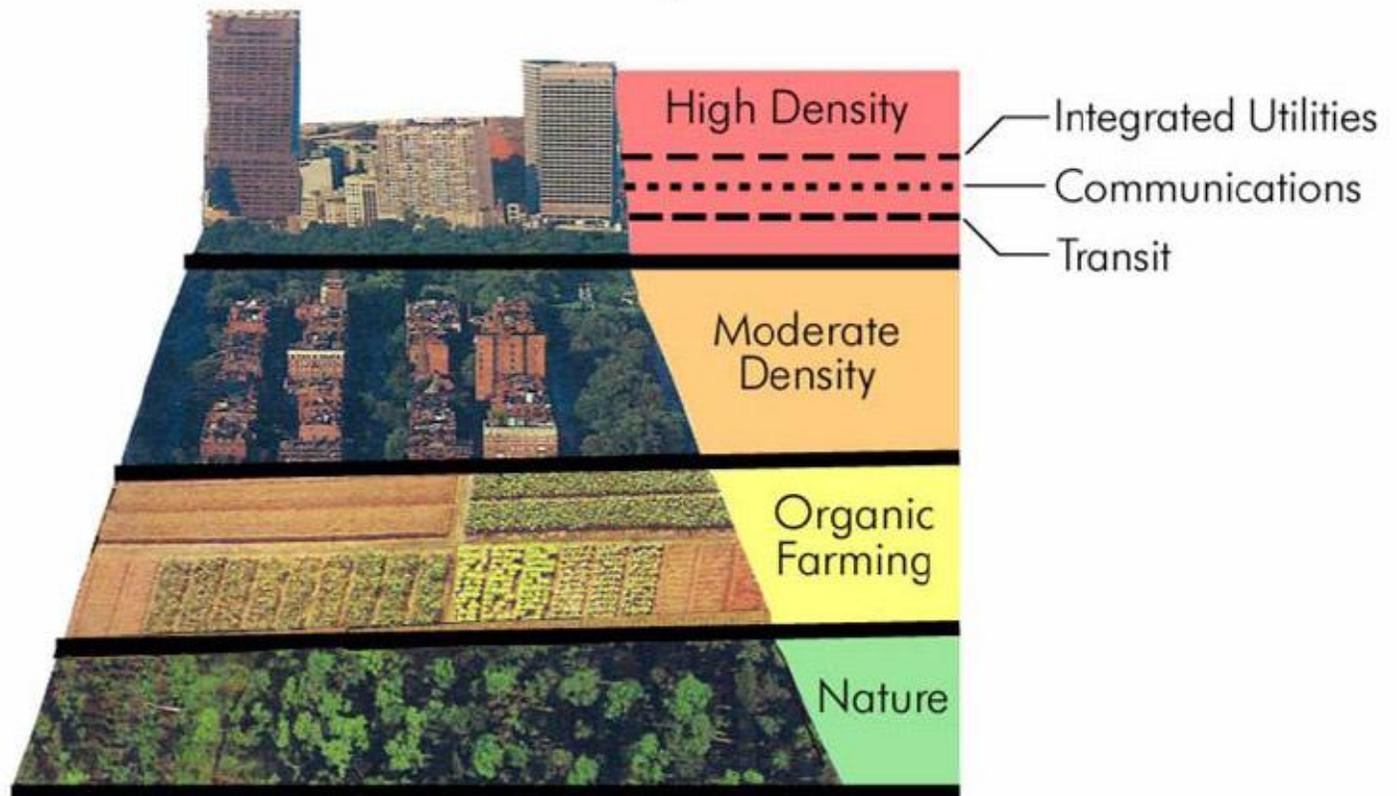
Regional Design



Phil Lewis
(Photo by Steve App, State Journal)

**UW Professor of
Landscape
Architecture**

D. D. D. Diverse Density Demonstration



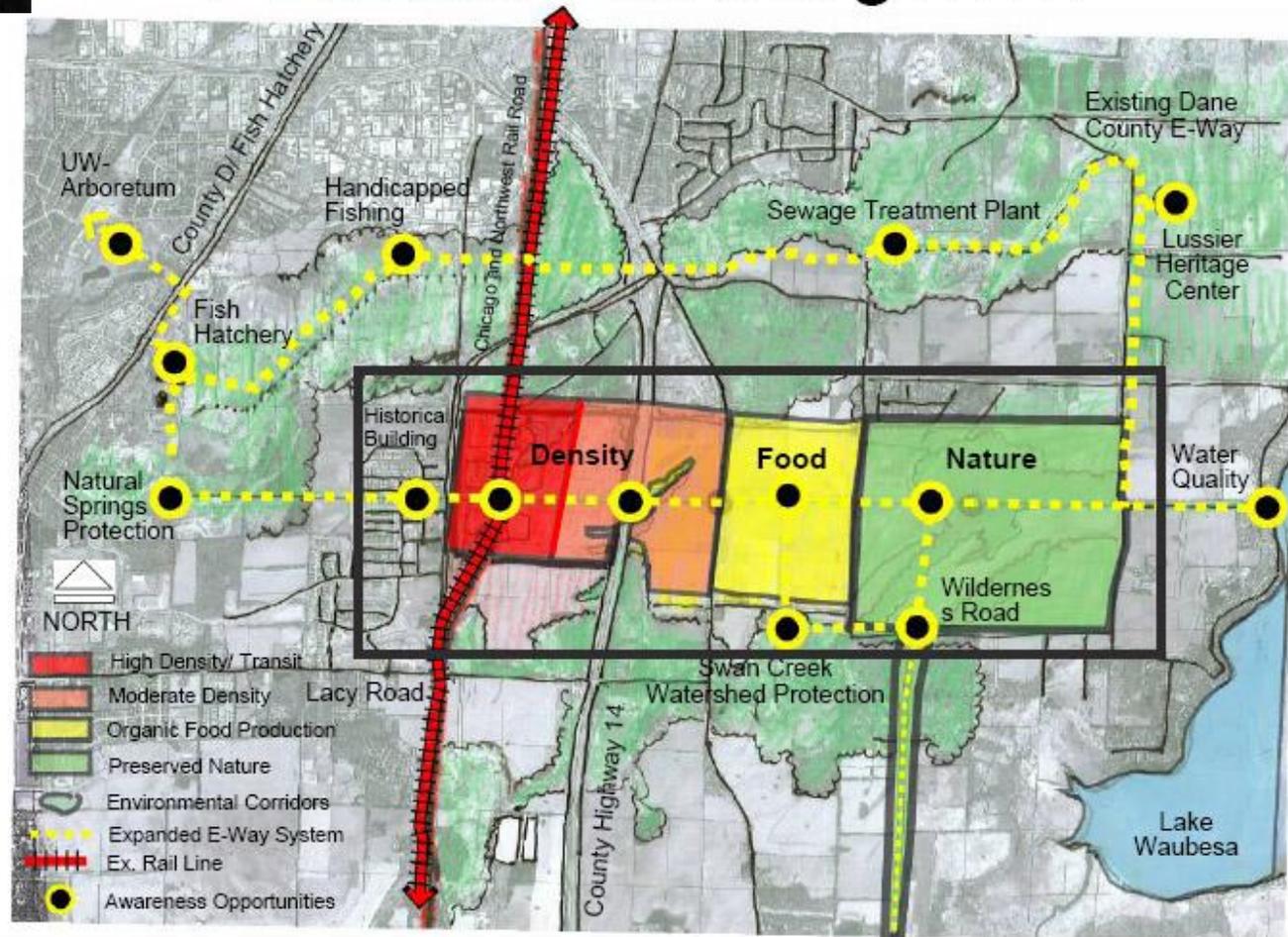
Regional Design



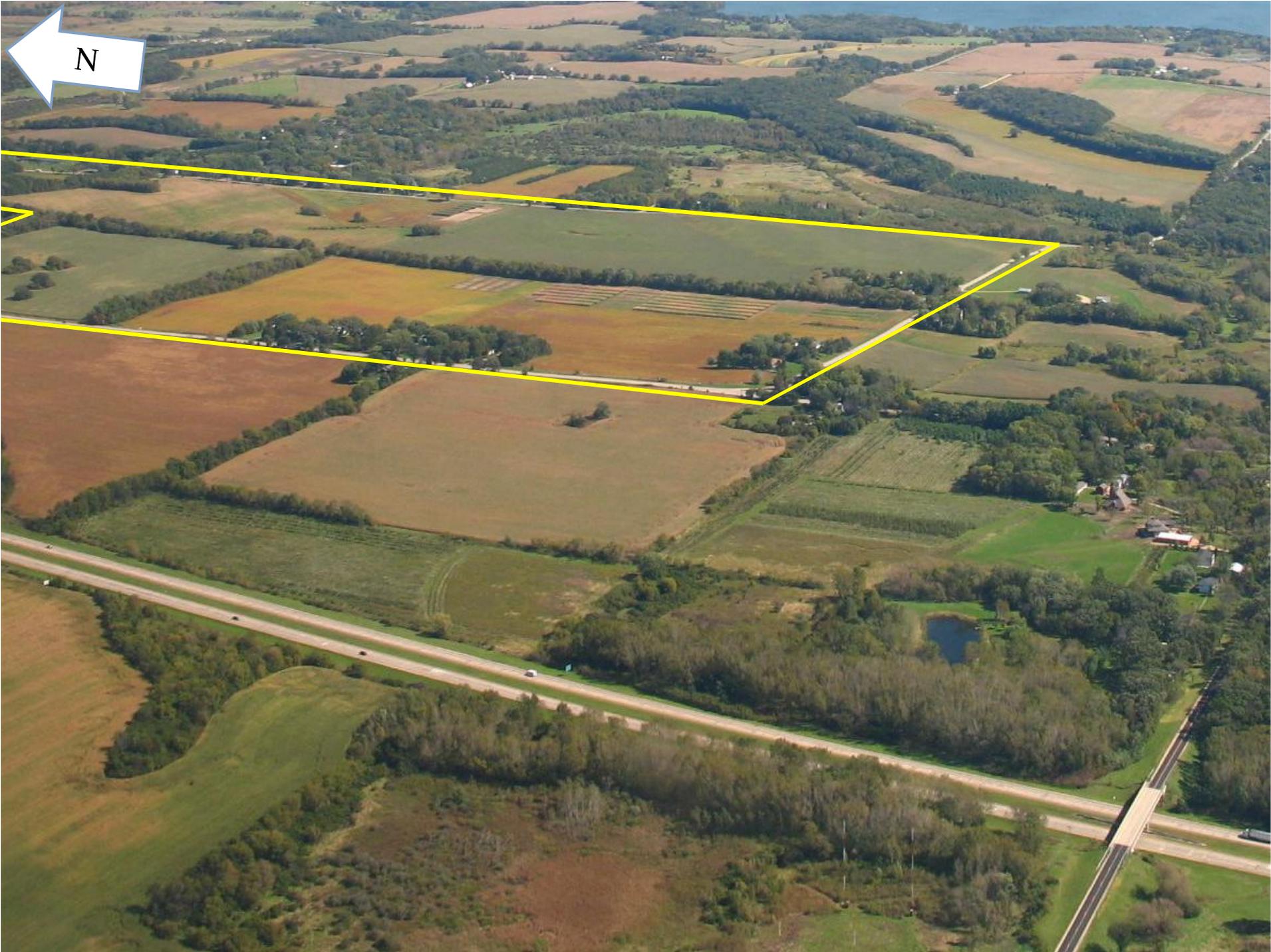
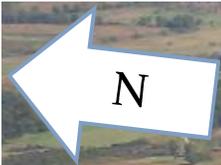
Phil Lewis
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**UW Professor of
Landscape
Architecture**

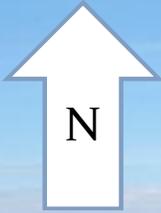
Potential Fitchburg DDD

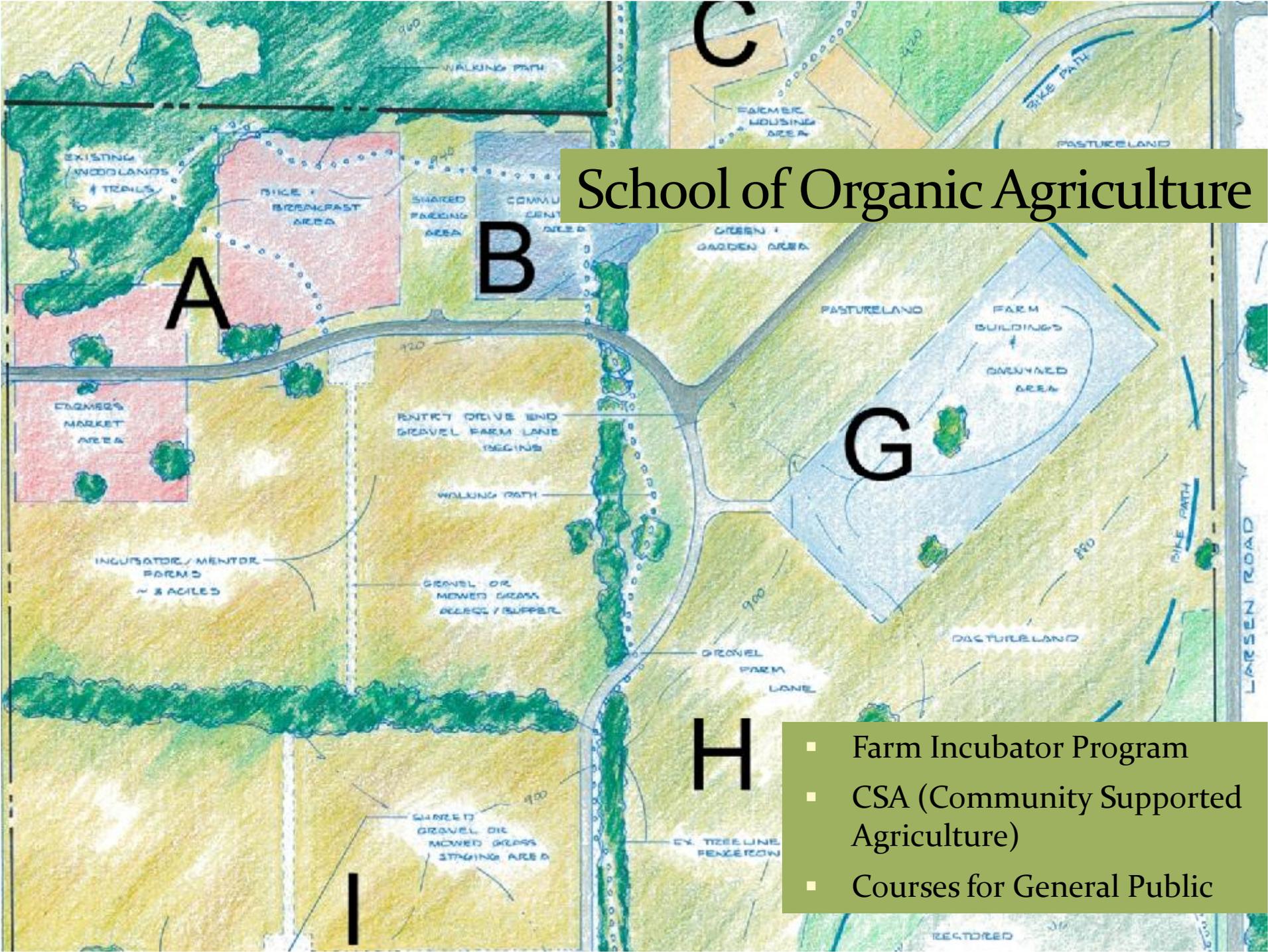












The site plan for the School of Organic Agriculture is divided into several zones labeled A through I. Zone A is a red-shaded area containing a 'BIKE + BREAKFAST AREA' and a 'FARMER'S MARKET AREA'. Zone B is a blue-shaded area with a 'COMMUNITY GARDEN AREA'. Zone C is an orange-shaded area with 'FARMER HOUSING AREA'. Zone G is a light blue area with 'FARM BUILDINGS + GARDENED AREA'. Other features include 'EXISTING WOODLANDS + TRAILS', 'PASTURELAND', 'GREEN + GARDEN AREA', 'GRANITE OR MOWED GRASS ALLEY / SUPPLY', 'GRANITE FARM LANE', 'GRANITE OR MOWED GRASS ALLEY / SUPPLY', 'EX. TREE LINE FENCE ROW', and 'RESTORED'. Paths include 'WALKING PATH', 'BIKE PATH', and 'ENTRY DRIVE END GRAVEL FARM LANE BEGINS'. A road labeled 'LARSEN ROAD' is on the right. Elevation markers like '400', '420', '440', '700', and '900' are scattered throughout the plan.

School of Organic Agriculture

- Farm Incubator Program
- CSA (Community Supported Agriculture)
- Courses for General Public

WHAT WE DO



Burlington, Vermont



Farm Incubator Program

- Lease Small Acreage
- Mentoring by CSA Farmers
- Tool /Equipment Sharing
- Common Buildings



Incubator Farms



Farm School

- **Incubator Plots** - with low rent and short-term lease
- **Mentoring** - from CSA farmers
- **Matching Service** - new & retiring farmers
- **Sharing** - tools, equipment, buildings, and pastures
- **Public Education** - ex: conversion to Organic Farming
- **Gleaning Program** - donates excess produce



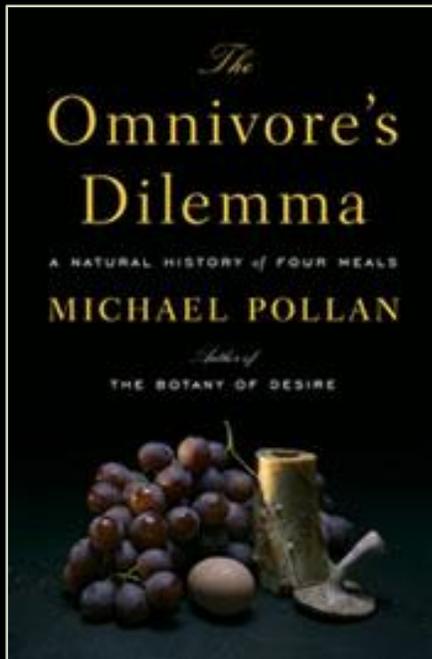
Shared Vegetable Washing Table



Community Gleaning Program

**Building
Community**





Joel Salatin (seated) works with family and other helpers to process 250 broilers at their farm.

Stewardship and Innovation



**Example of temporary fence
to control grazing** [Photo by T.L. Gettings]



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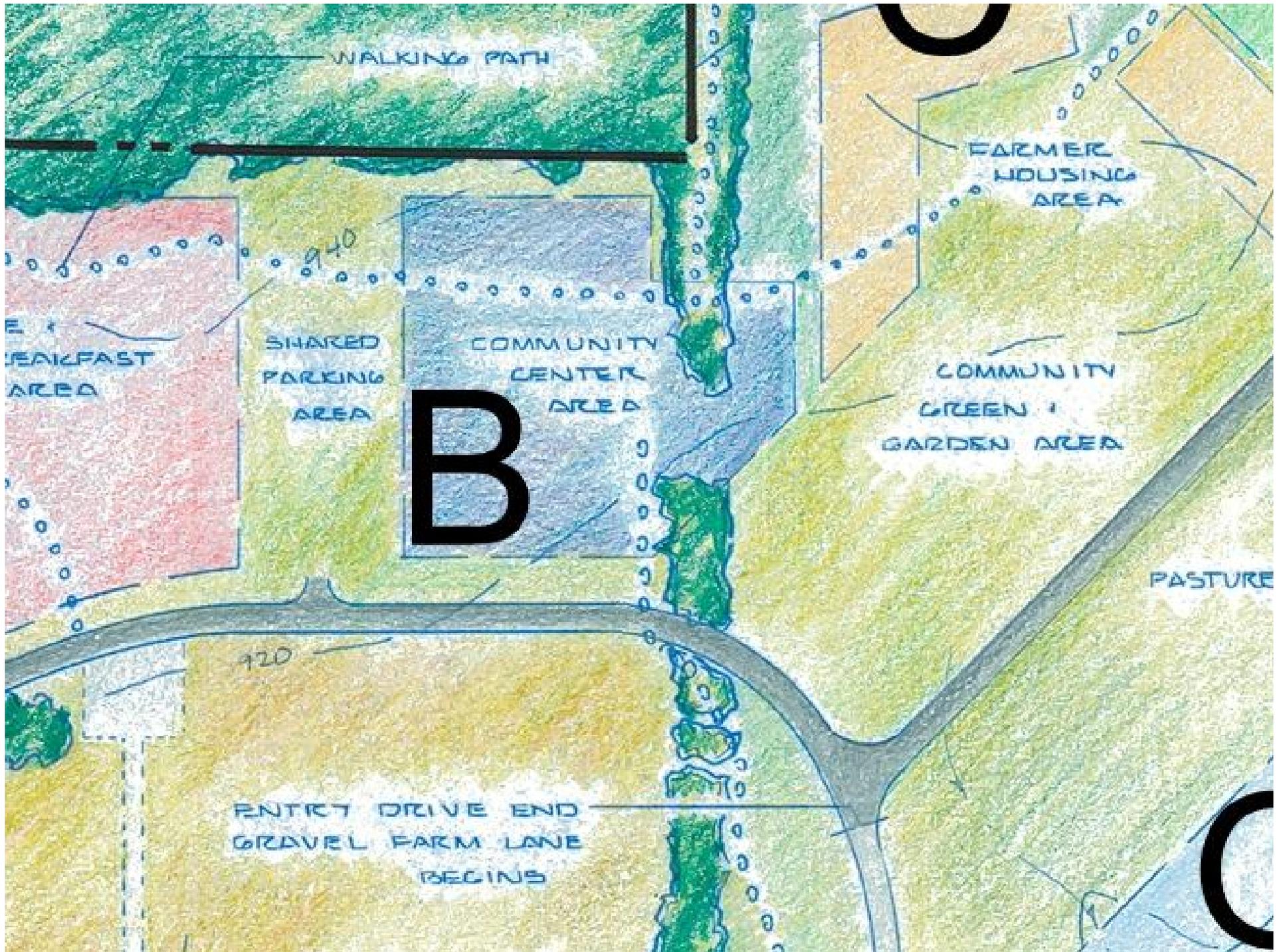


Movable Chicken Coops



One well-known model for raising free-range poultry was developed by Joe Salatin of Virginia. Salatin wrote *Pastured Poultry Profits: Net \$25,000 in 6 Months on 20 Acres*. In Salatin's model, chickens are raised in floorless field pens and moved daily to fresh pasture, where the chickens receive exercise and fresh air while foraging for plants and insects.

-- The Third Crop - Vol. 1, Number 3 February 27, 2002



Common Buildings & Picnic Areas



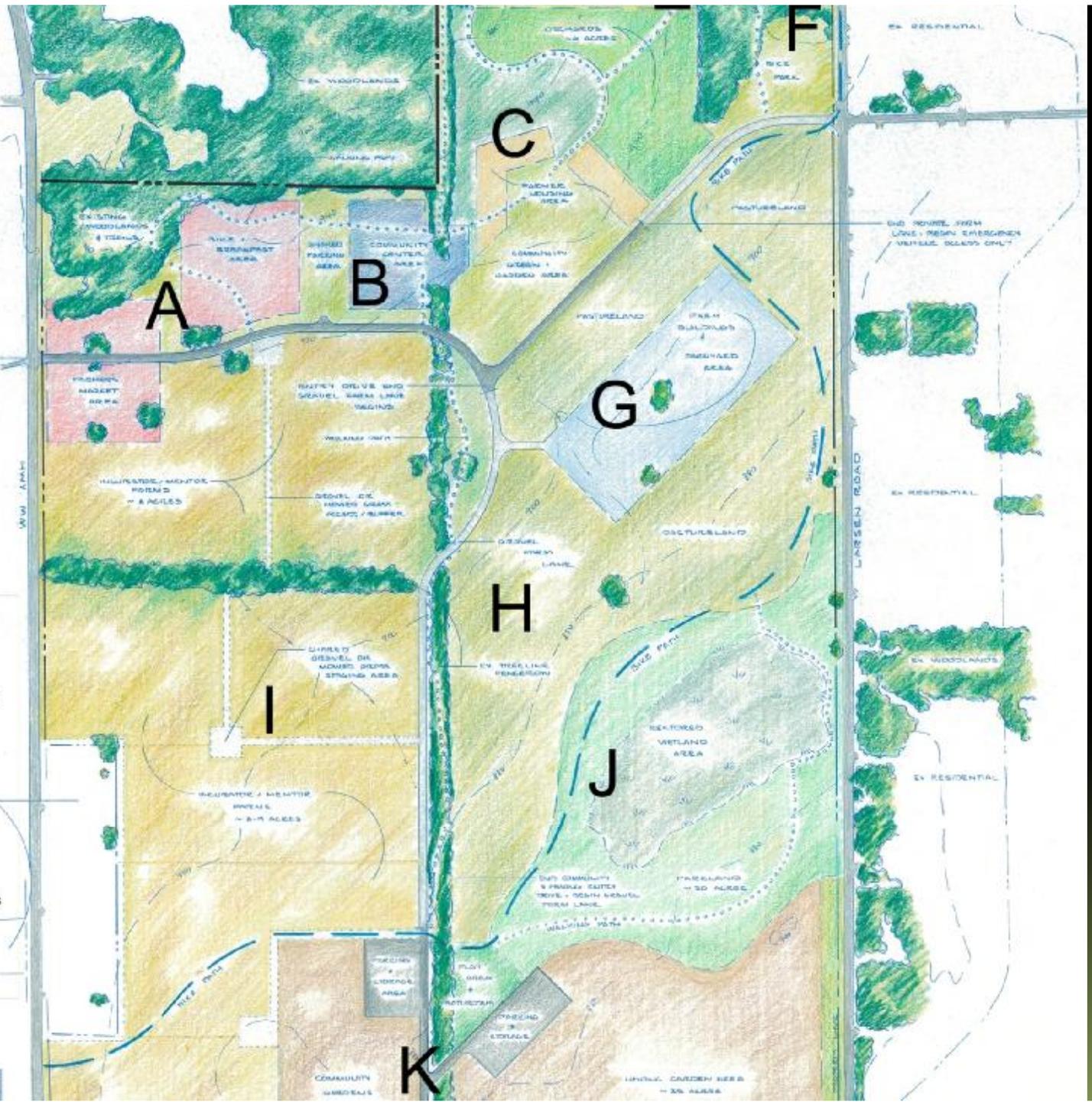
Intervale Photos



(Above) Building houses Offices and Community Center at Michael Field's Ag Institute

Fitchburg Fields

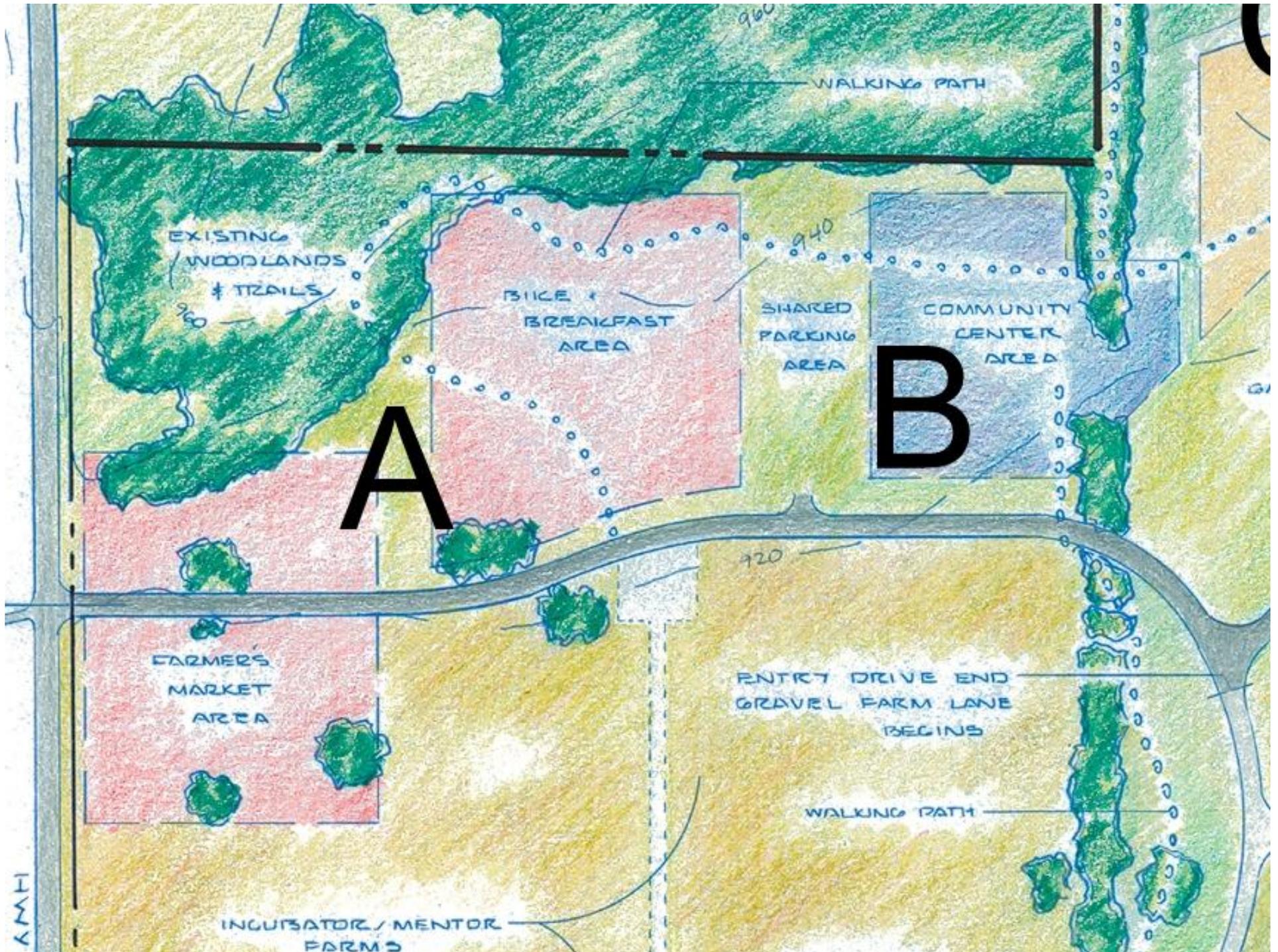
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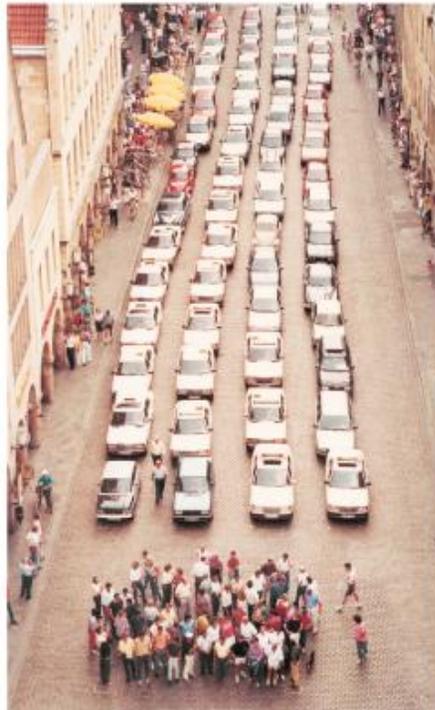
The Bed & Bike Inn



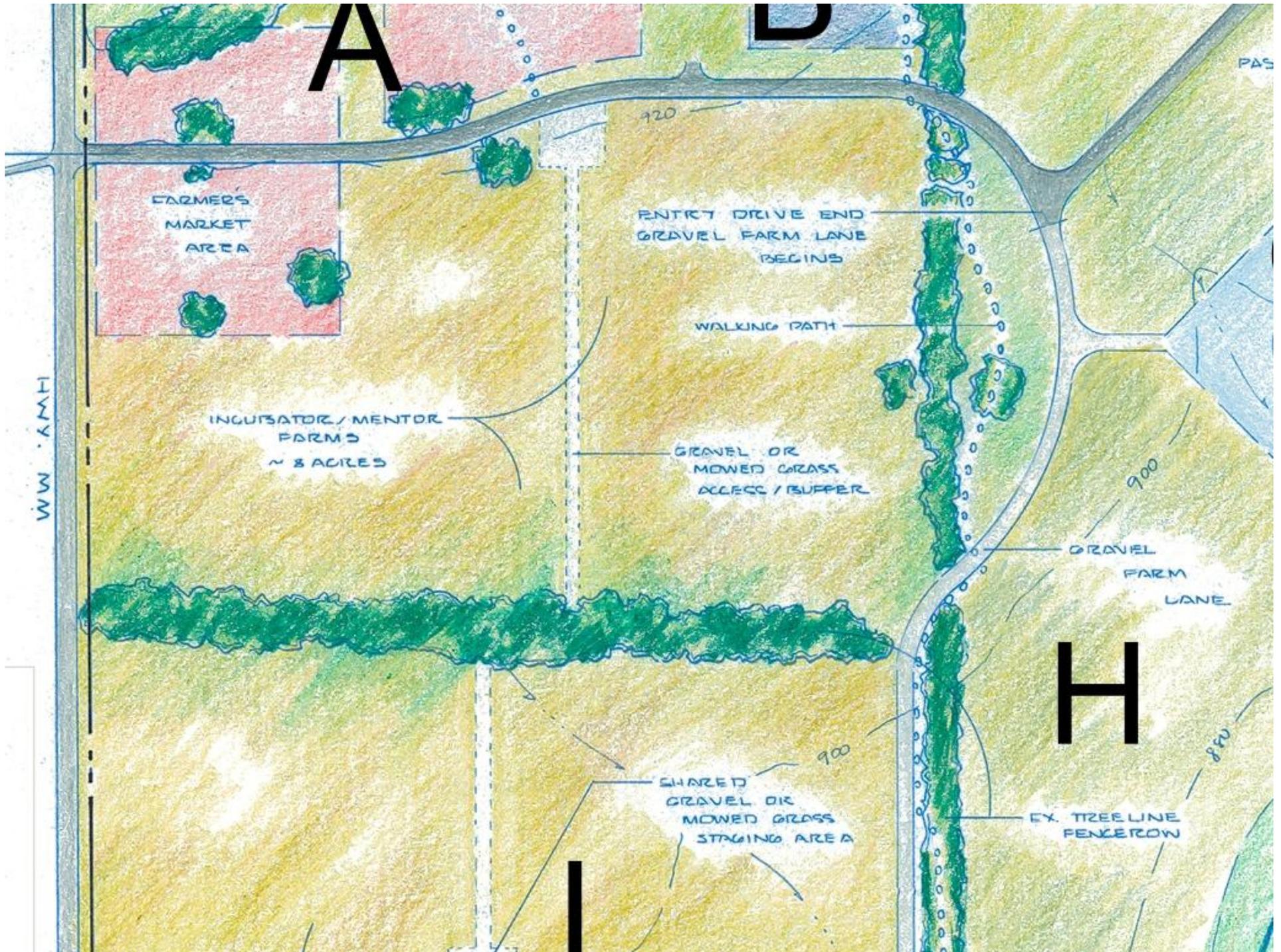


Car? Bus? or Bike?

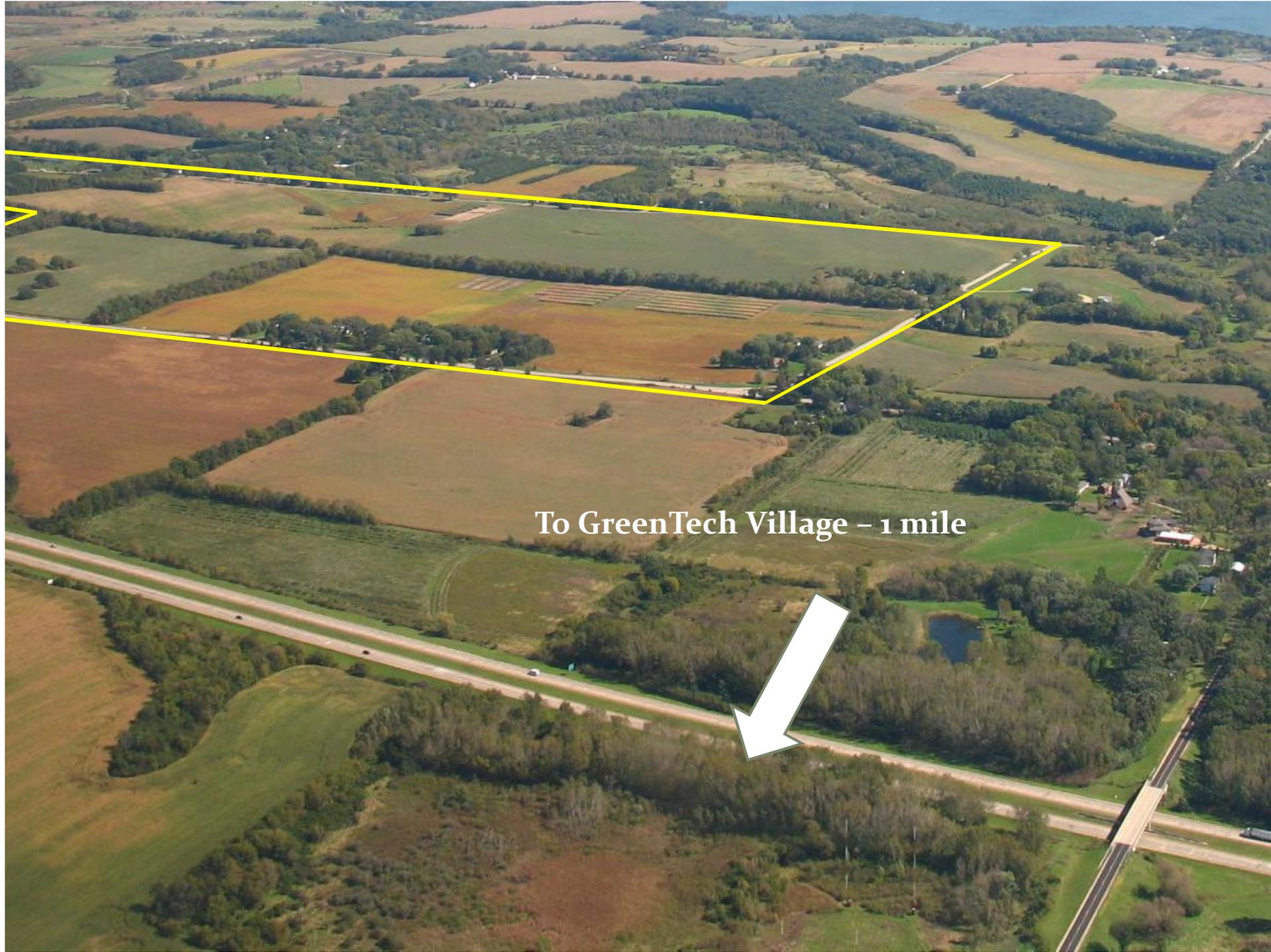
Figure 2.6 Amount of space required to transport the same number of passengers by car, bus or bicycle. (Poster in city of Muenster Planning Office, August 2001)



Credit: Press-Office City of
Münster, Germany



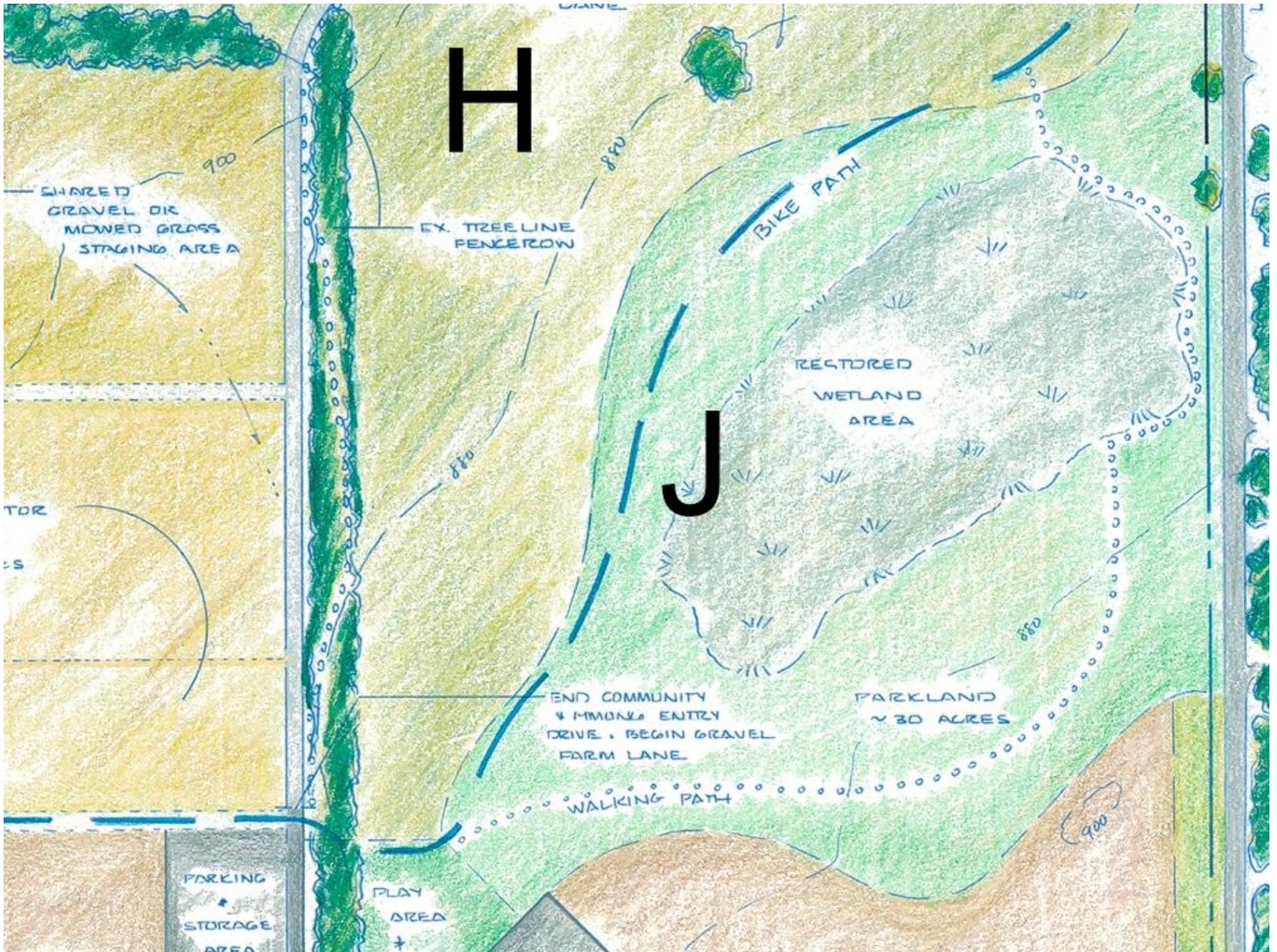




To GreenTech Village - 1 mile

Community Gardens





H

J

SHARED GRAVEL OR MOWED GRASS STAGING AREA

EX. TREELINE FENCE ROW

BIKE PATH

RESTORED WETLAND AREA

PARKLAND ~ 30 ACRES

END COMMUNITY & MMONKA ENTRY DRIVE - BEGIN GRAVEL FARM LANE

WALKING PATH

PARKING STORAGE AREA

PLAY AREA

DIANE

8FO

8FO

8FO

900

900

TOR

S

Restored Wetlands & Prairie

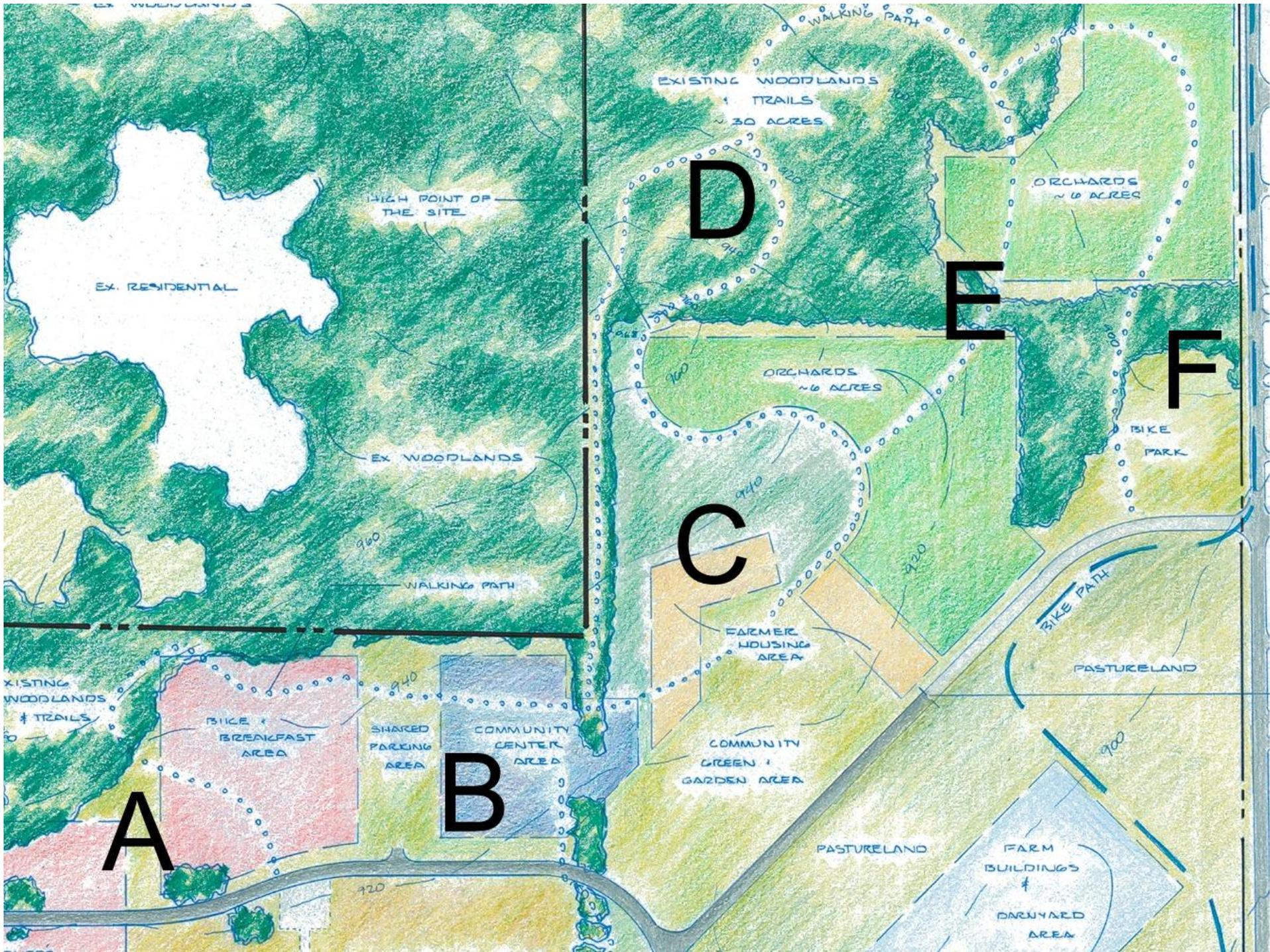


Bull Frog



Orchards





Troy Gardens



Illustration by Jim Glueck

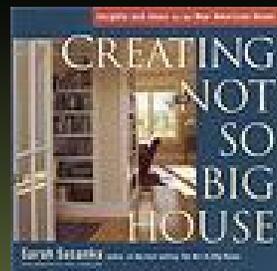
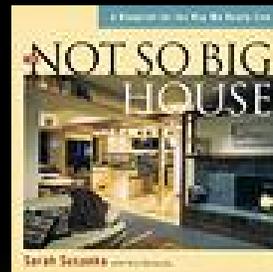
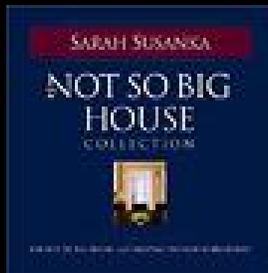
Eco-Village with Co-Housing



Energy Efficient – Sustainable – Small Footprint



“*Not So Big House*” book series by Sarah Susanka





JOHN TODD ECOLOGICAL DESIGN, INC.

Solutions for Water Planning and Treatment

Constructed Wetlands

www.toddecological.com

Advantages include:

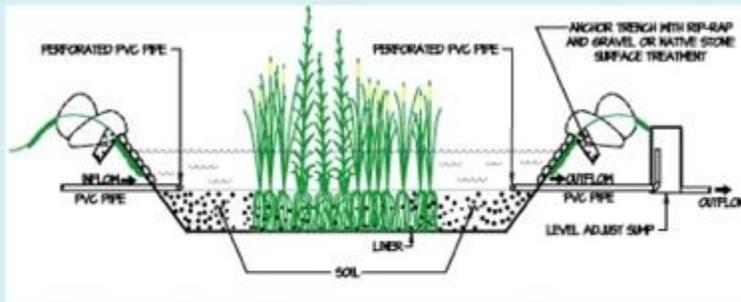
- Reduction of residual wastewater sludges that typically require disposal.
- Passive, reliable performance with minimal maintenance and operational costs.
- Simple to operate, simple to construct. Require very low energy inputs.
- Year round operation possible in all but the coldest climates.
- Generally less expensive than conventional systems.
- Integrate into complete system for water re-use.
- Can provide wildlife habitat, wildlife observation and environmental education

Constructed Wetlands and/or Indoor Systems

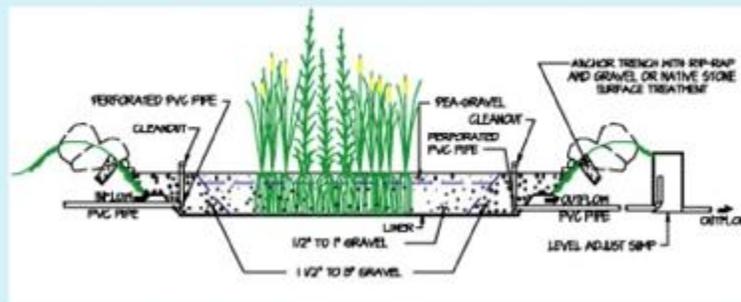


Applications

www.toddecological.com



In Free Water Surface Constructed Wetlands (above), wastewater flows over emergent vegetation with the water surface exposed.



In Subsurface Flow Constructed Wetlands, wastewater flows beneath a planted gravel bed.

Constructed wetlands are used to treat: municipal wastewater/sewage, agricultural runoff, airport runoff, livestock and poultry waste, urban storm water runoff, landfill leachates, and combined sewer overflows.

There are 2 types of Constructed Wetlands: **Free Water Surface (FWS)** and **Subsurface Flow (SF)**.

Microbial action provides the primary biological treatment, while physical filtration and settling also play integral roles in the treatment process.

Constructed wetlands reliably treat Biological Oxygen Demand, Chemical Oxygen Demand, and Suspended Solids. Properly designed, they can also reduce nitrogen, phosphorus, metals, and fecal coliform.

Rainwater Catchment



Rain Barrel



Rainwater is channeled from the roof to a screen before entering the cistern.



Cistern

Troy Gardens



Illustration by Jim Glueck

Eco-Village with Co-Housing



Energy Efficient – Sustainable – Small Footprint



Northeast Fitchburg Today



Fitchburg Fields

Preserving rural character
and protecting resources ...

while
expanding
local markets



Barn near Spring Green photographed by Joann Ringelstetter

The Bed &
Bike Inn



Thank you for this opportunity to share a new vision for Fitchburg!

Preserving rural character and protecting resources ...

while expanding local markets



Barn near Spring Green photographed by Joann Ringelstetter

The Bed & Bike Inn



Fitchburg Fields

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