



# Community Spaces Within DHHL's Honokōwai Lands

PICK YOUR TOP THREE

WI= community space written in during BC meeting

Results from 9/25/19 BC meeting

Adult Daycare	6
Child Daycare	21
Pre School	4
Elementary School	0
Hawaiian Immersion/Charter	11
Middle School	0
High School	0
Library	0
Convenience Store	0
Gas Station	1
Supermarket	1
Shopping Center	0
Restaurants/Fast Food	0
Medical/Dental Clinic	10
Senior Housing	15
Community Center	19
Parks	5
Jogging Path/Linear Parks	1
Sports Fields	1
WI- Community Center with certified Kitchen, imu, hale	17
WI-Center- Research Geneology	1
WI- Solar Farm for Lessees	3
WI- after school program/certified/education	3
WI-cemetery/church	20
WI-Disaster awarness center	0
WI- Kamehameha Schools	0



# Agriculture Support Facility Spaces

WI= community space written in during BC meeting

Results from 9/25/19 BC meeting

Food Safety, Washing Facilities	11
Farm Aggregation Center	19
Crop Processing Center	8
Shared Equipment Yard	4
Restroom &/or Handwashing Facilities	9
Farm training/proving grounds	3
Community Garden	0
Farmer's Market	24
WI- Commercial Kitchen (farmer's market)	0
WI-Research Center- Geneology	4
WI-Help Hawaiians Now not later	10
WI- business Center (farmer's market)	0
WI- WiFi	0



# Infrastructure Agriculture Water

## AGRICULTURE WATER USES of Ditch & R-1 Water (Non-Potable)

- Irrigation of food crops, INCLUDING edible root crops and other edible portions of crops
- Irrigation for landscaping and pasture for grazing livestock
- Livestock drinking water (except for dairy animals)
- Non-domestic cleaning (washing animals, outdoor surfaces, farm equipment)
- Firefighting and fire protection & Dust control

## PROHIBITED USES of Ditch & R-1 Water (Non-Potable)

- Domestic uses- in home use
- Drinking water for dairy animal or humans

Results from 9/25/19 BC meeting

### **Ditch Water**

(Rate- \$1.00/1,000 gallons)

Ditch water is untreated surface water.

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### **R-1 Water**

(Rate-\$0.43/1000 gallons)

R-1 water is Wastewater that has undergone oxidation, filtration, and disinfection at a sewage treatment plant. R-1 water is considered the highest grade of recycled water (R-2 and R-3).

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### **Combination Ditch and R-1**

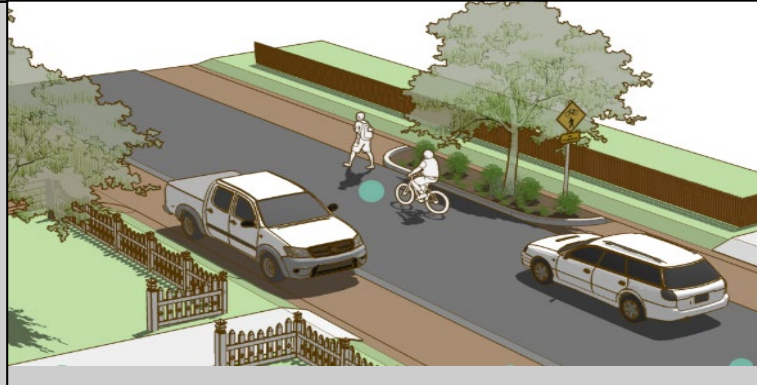
**20**



# Infrastructure Roadways

9/25/19  
BC Results

## Rural Roadway



### PROS

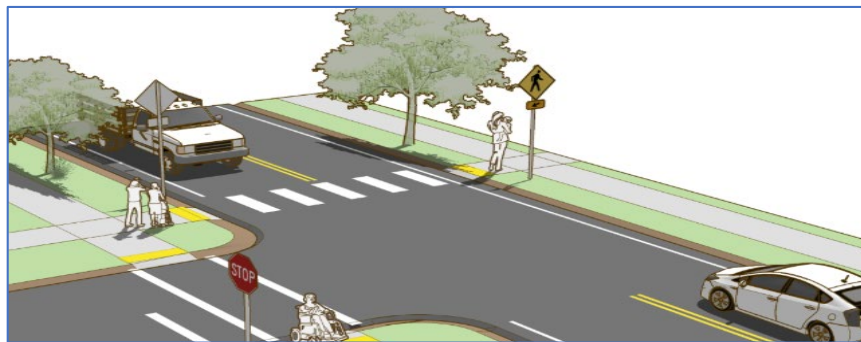
- Narrow compacted street. On-coming traffic must move to shoulder to allow the other to pass; Approximately 12 ft in width.
- No on-street parking
- Grass/gravel swales allows for natural drainage and lower cost
- Narrow street encourages slow driving

### CONS

- DHHL would have to maintain

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## Standard Residential Roadway



### PROS

- Two-way, two-lane paved residential street; approximately 24 ft in width
- May be built to county standards
- No on-street parking
- May include storm drains
- Includes sidewalks
- If built to County standards, County would take over operation and maintenance

### CONS

- More expensive to develop

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## Combination Roadway

Standard paved roads on main roads  
Narrow compacted roads on side streets

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# Infrastructure Wastewater

9/25/19  
BC Results

## Septic system

### PROS

- No County Sewer Fee
- Shorter DHHL Development time

### CONS

- Installation is lessee's responsibility
- Costs \$20-30K
- Requires DOH approval

**28**

## Wastewater Treatment System Connection

### PROS

- DHHL covers development at \$15 per lot

### CONS

- Longer DHHL Development time
- County Sewer Fee

**9**

I'm not building a house.  
I don't need either.

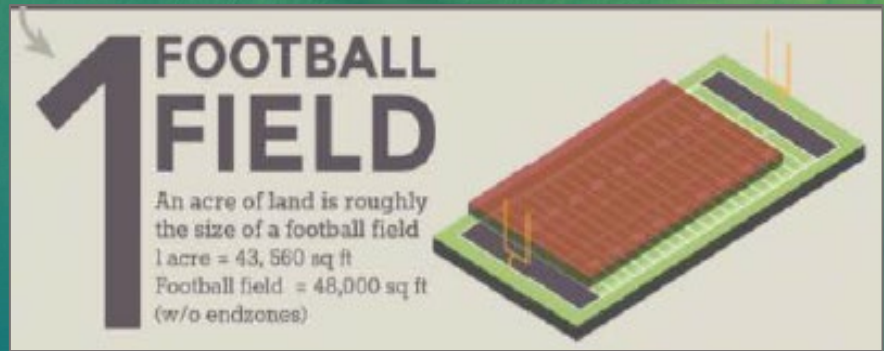
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# Lot Size

## Space Needed to Farm Successfully

WHAT EQUALS AN ACRE?



Based on your current farming knowledge, what size lot do you think you could successfully manage along with other work and family commitments. (A football field-not including the end zones is approximately 1 acre.)

Results from 9/25/19 BC meeting

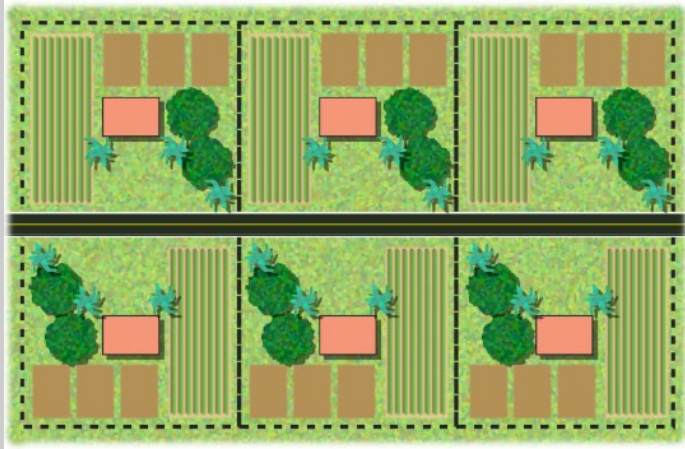
Less than 1/2 Acre	<b>1</b>
1/2 Acre	<b>1</b>
3/4 Acre	<b>0</b>
1 Acre	<b>18</b>
Up to 3 Acres	<b>12</b>
3-5 Acres	<b>6</b>
More than 5 Acres	<b>4</b>
I am not sure what I need to be successful.	<b>0</b>



# Lot Configuration

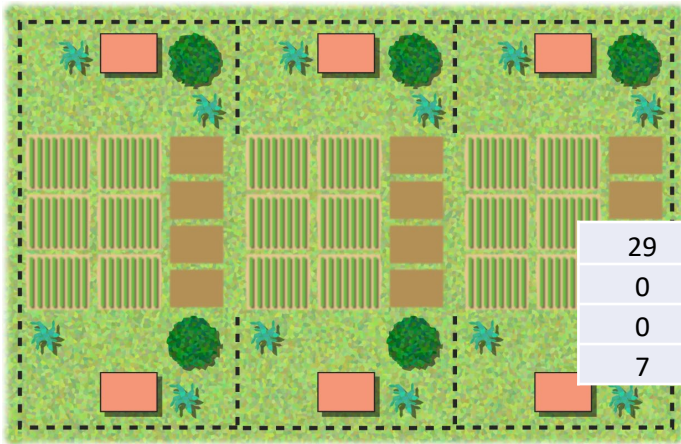
9/25/19 BC Results

Individual  
Lots



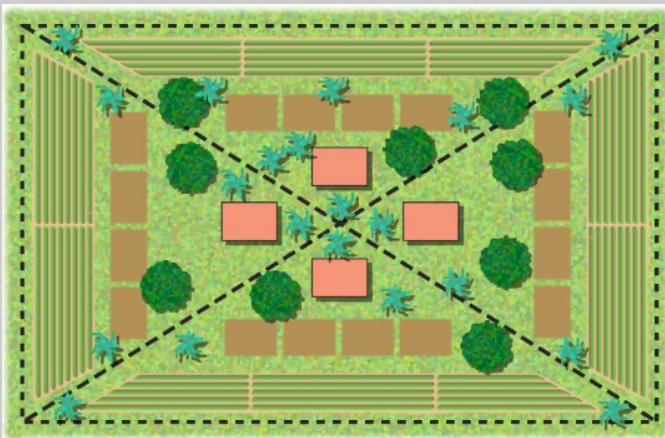
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Shared  
Agriculture



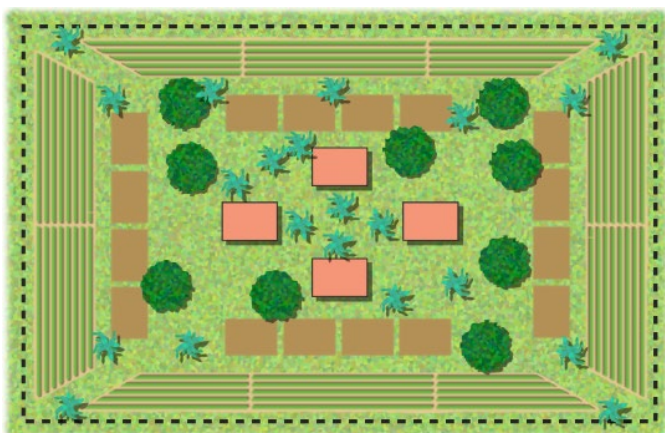
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Clustered  
Homes  
with  
Individual  
Agriculture



0

Clustered  
Homes  
with  
Shared  
Agriculture



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Write in from more than one group (or dotted for emphasis)

Topic	
<b>Infrastructure-Energy</b>	
Solar PV	3
Wind	
Be sustainable	2
Provide other options to electricity/Battery operated	
Cut back community space for solar farm	
Underground electrical	
<b>Infrastructure- Communication</b>	
SIC sucks	
<b>Infrastructure- Water</b>	
R-1 Quality of Water? Chlorides	
R-1 Safety of Water	
Quantity of Ditch water/DHHL negotial for use in irrigation- Honokohau	2
Stream Standards	
DHHL	
<b>Infrastructure WW</b>	
grants for septic	
composting toilet	
DHHL pay for IWS/septic	
<b>Infrastructure- Roads</b>	
Community maintain- Kahikinui	
<b>Homes</b>	
Cost for sustainable homes	
If clustered, could be cheaper for me	
Would like to see some residential in Honokowai	
<b>Agriculture</b>	
Slaughter house	
Interim use- land for cattle, fenced area while waiting for development	
one acre is a lot. It would sustain my family	
you gotta have 3 acres for commercial	
Different size lots for ag. Small for subsistence	
<b>Community Uses</b>	
Community Center is a place to impart knowledge	
<b>Commercial</b>	
Want space for businesses	
set aside space for cooperative commercial	
<b>OTHER</b>	
DHHL Punawai	
<b>HSD</b>	
Successorship	
Blood quantum	