

Virtual Tour of Wash/Pack Projects

UVM Extension
Produce Safety Team

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🔗 go.uvm.edu/ageng

📷 YouTube    @uvmextageng

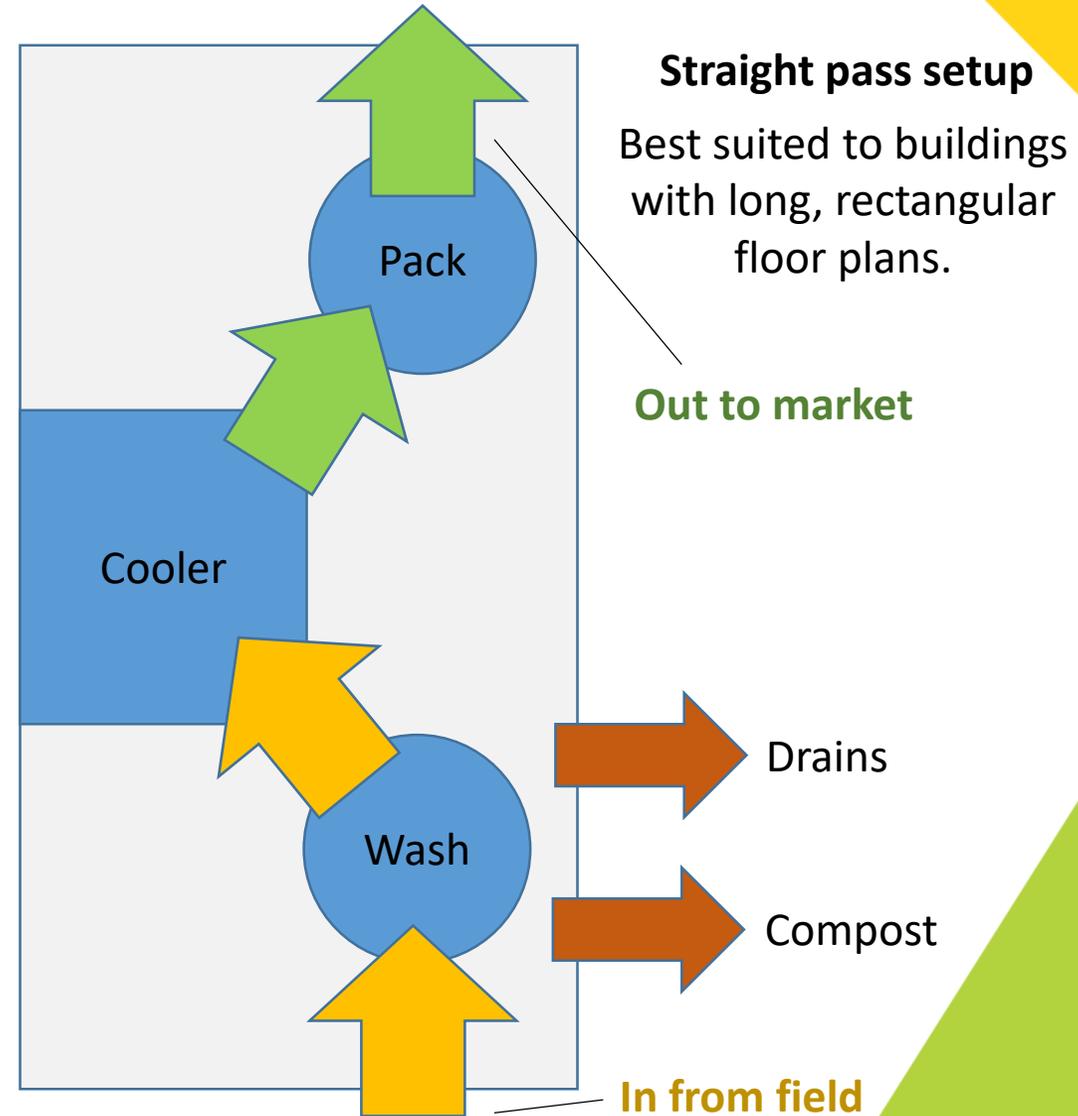


Chris Callahan
Andy Chamberlin
Hans Estrin



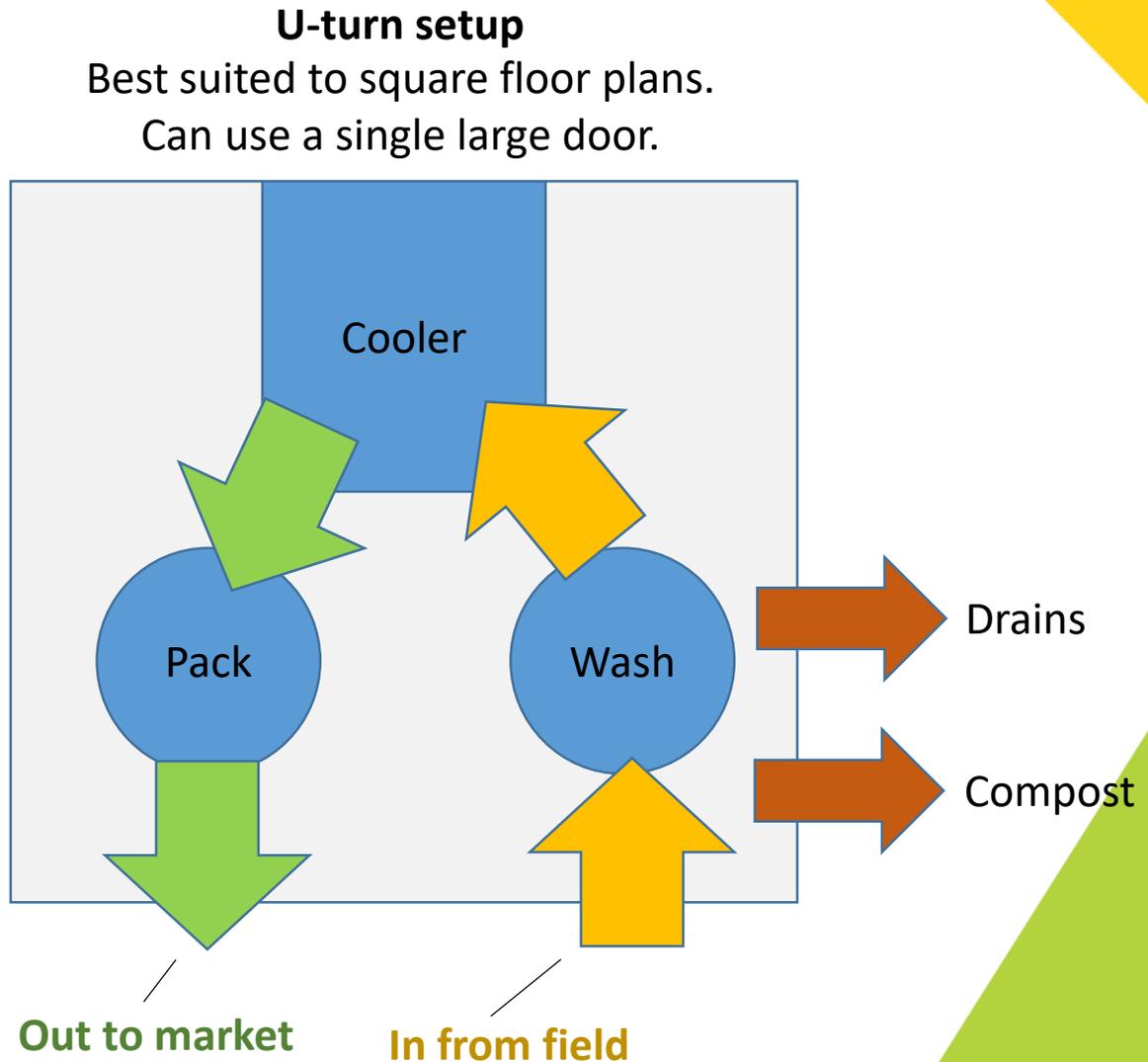
Flow of Product

- Smooth, single pass flow of product.
- Minimizes wasted energy.
- In the direction from field to customer.



Flow of Product

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What Does This Look Like?



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From a... “Dark and Dank Dairy Barn”



To a place...

“So clean you can eat off of it”



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Postharvest Case Studies

Footprint Farm – BarnHouse Construction (\$300k)

go.uvm.edu/footprint



Mighty Food Farm – New Construction (\$100k)

go.uvm.edu/mighty



Last Resort Farm – Dairy Barn Renovation (\$60k)

go.uvm.edu/lrf



Root 5 Farm – Conversion and Expansion of Pole Barn (\$40k)

go.uvm.edu/root5farm



go.uvm.edu/phcs



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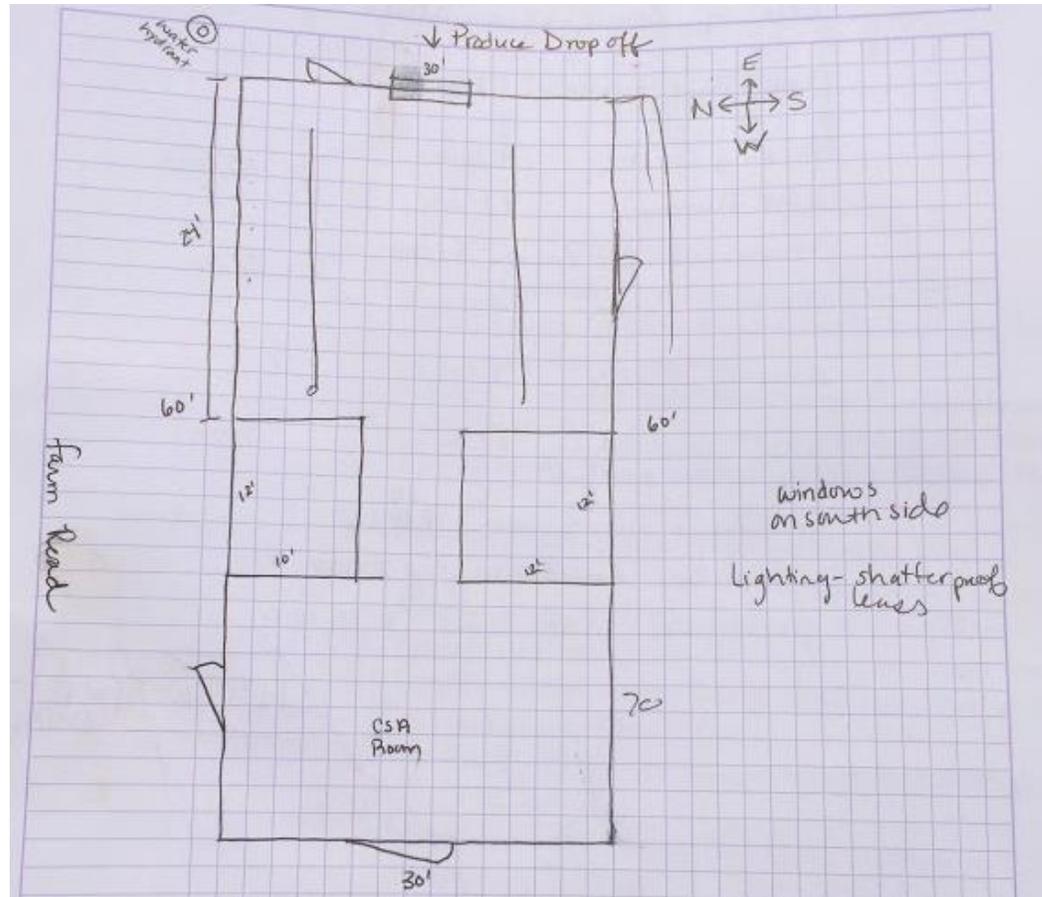
**Mighty Food Farm
New Construction - Wash/Pack &
CSA Room**



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Floor Plan of Mighty Food Farm





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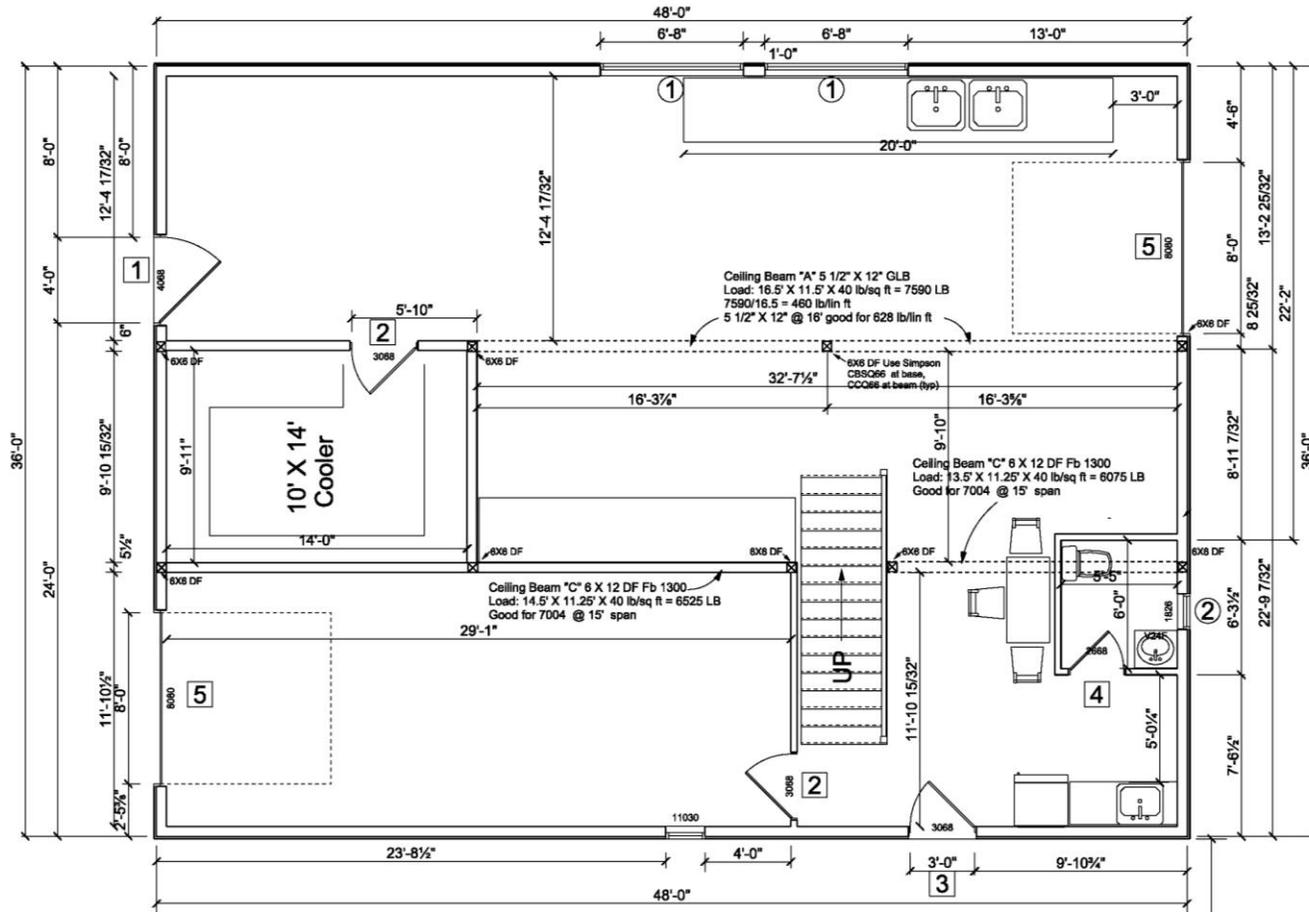


Footprint Farm New Construction - Barnhouse



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Floor Plan of Footprint Farm



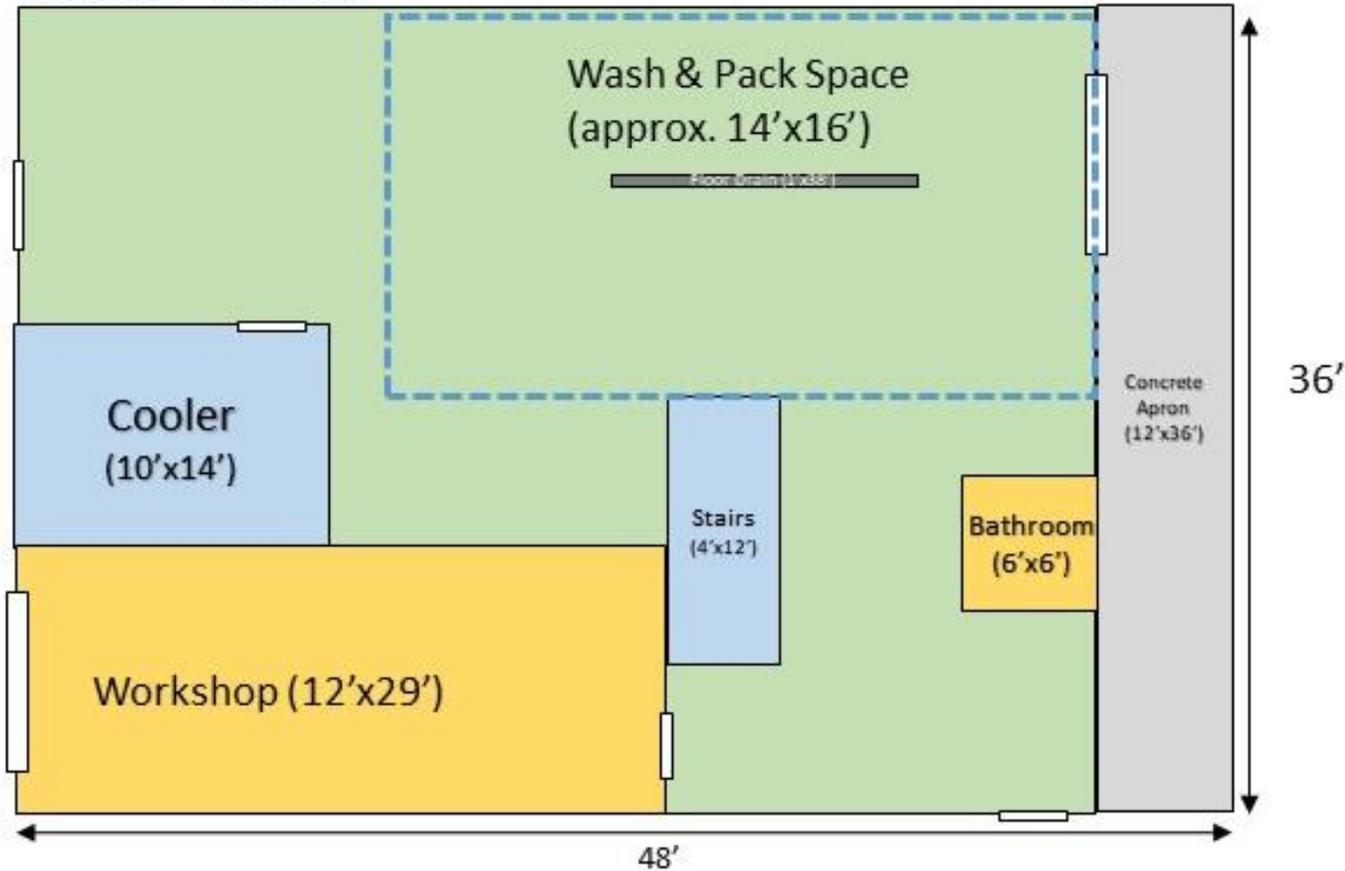
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Floor Plan of Footprint Farm

Total Area = (1,728ft²)











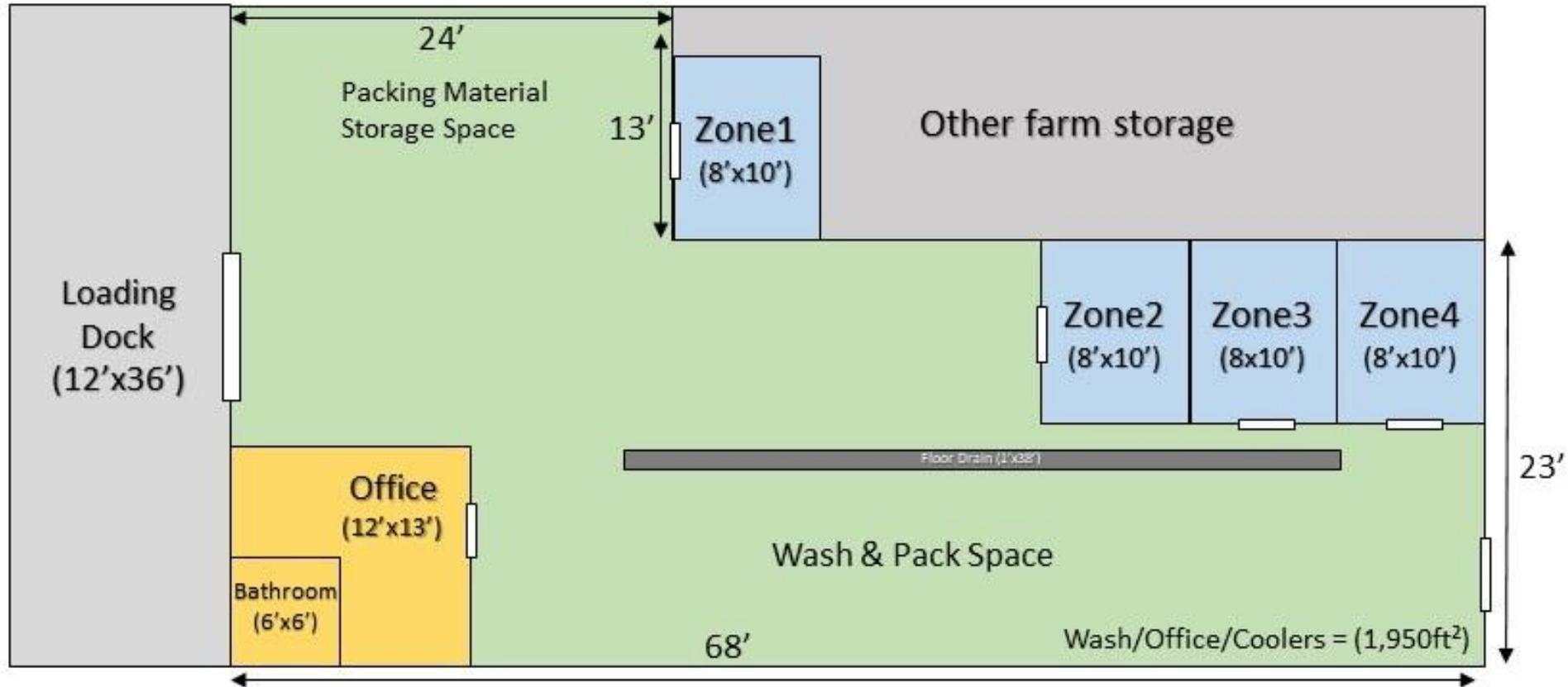


Last Resort Farm Dairy Barn Renovation



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Floor Plan of Last Resort Farm











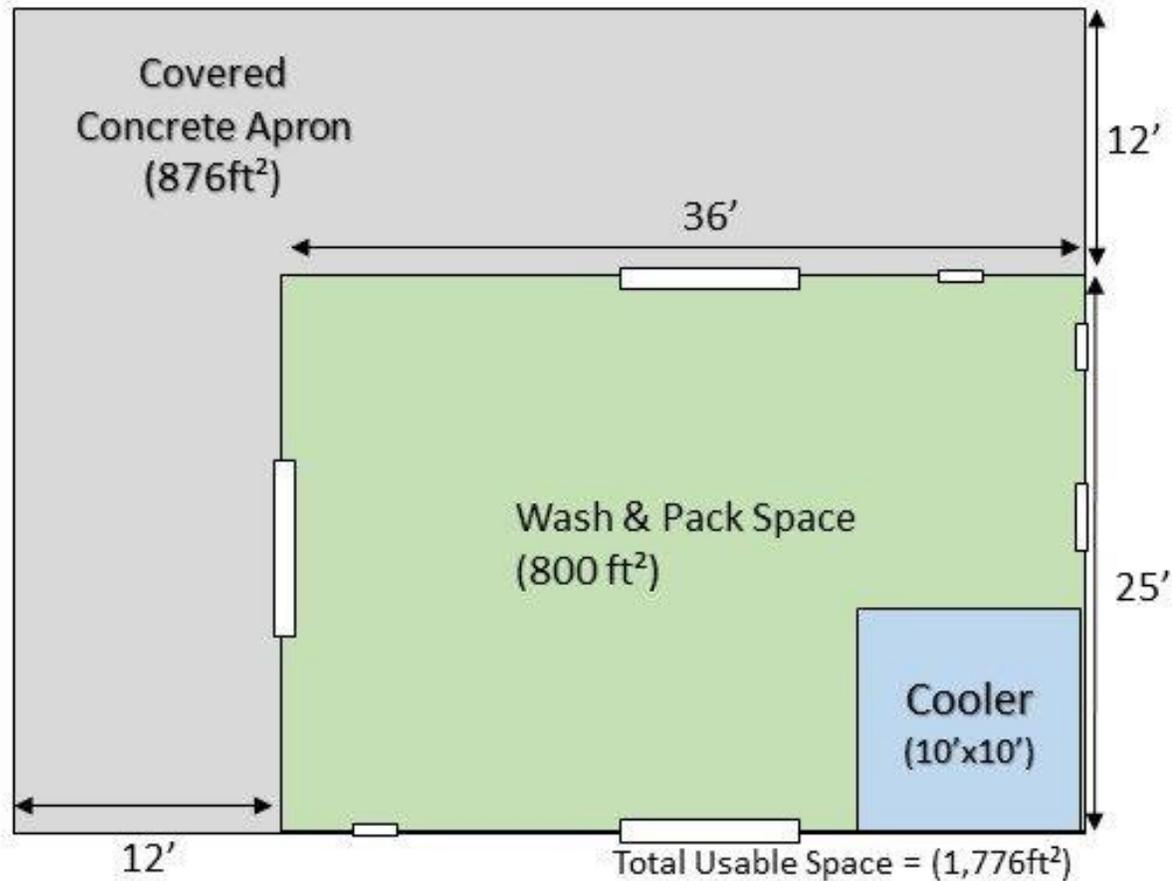


Root 5 Farm Pole Barn Renovation



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Floor Plan of Root 5 Farm





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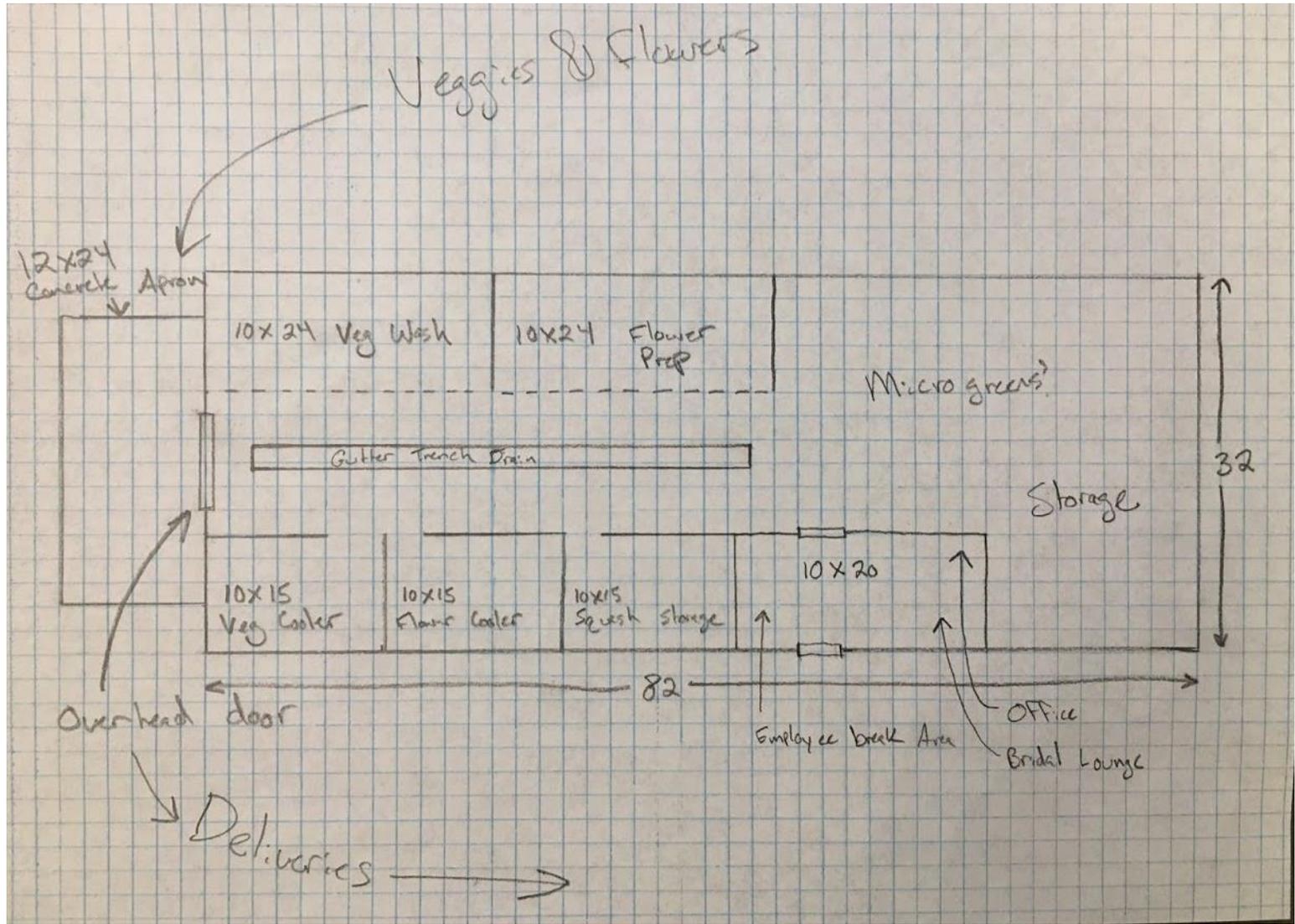




New Leaf Organics Dairy Barn Renovation



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Developing Projects



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Clearfield Farm - Granville, VT



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Clearfield Farm - Granville, VT



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Ananda Gardens - Montpelier, VT



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Ananda Gardens - Montpelier, VT

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4) ...
5) ...



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Ananda Gardens - Montpelier, VT



Hoolie Flatts Farm – Calais, VT



Small Axe Farm – Barnet, VT



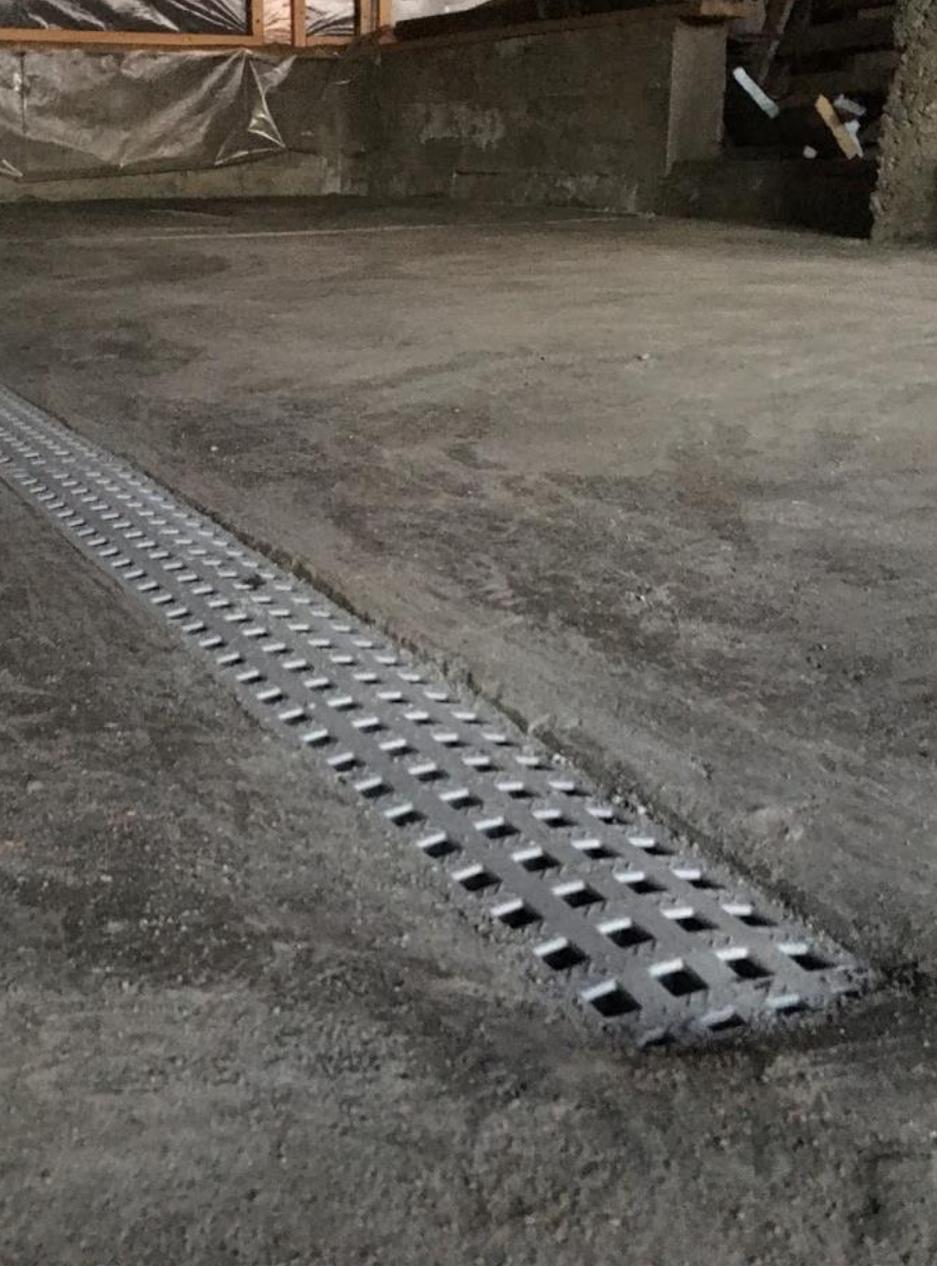
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Small Axe Farm – Barnet, VT



Small Axe Farm – Barnet, VT



Small Axe Farm – Barnet, VT



Small Axe Farm – Barnet, VT



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Nettie Fox Farm - Newburgh, ME



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Kettlesong Farm – Worcester, VT



Shakey Ground Farm - Charlotte, VT



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Spring Song Farm – Bristol, VT



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Spring Song Farm – Bristol, VT



Foxville Farm – South Royalton, VT



Foxville Farm – South Royalton, VT





Home Front Gardens/Naked Acre Farm – Hyde Park, VT



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Home Front Gardens/Naked Acre Farm – Hyde Park, VT



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Planning Your Project



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Taking a Project in Phases

Because “Rome wasn’t built in a day”

New Construction

PHASE 1

- Pole barn (Roof only)
- Floor

PHASE 2

- Walls
- Insulation

PHASE 3

- Expansion/Completion
 - Porches
 - Overhangs
 - Heat

Renovation

PHASE 1

- Gut & structural
- Level floor
- Add drainage

PHASE 2

- Utilities
- Coolers

PHASE 3

- Finish surfaces
- Fixtures



Project Planning for Post Harvest Efficiency, Profitability & Food Safety

 <p>Project Planning for Postharvest Efficiency, Profitability & Food Safety Introduction 8:19</p>	Postharvest Webinar: Introduction (Session 1) UVM Extension Agricultural Engineering	 <p>Project Planning for Postharvest Efficiency, Profitability & Food Safety Buildings & Infrastructure 28:18</p>	Postharvest Webinar: Buildings & Infrastructure (Session 5) UVM Extension Agricultural Engineering
 <p>Project Planning for Postharvest Efficiency, Profitability & Food Safety Postharvest Handling & Produce Safety 11:03</p>	Postharvest Webinar: Postharvest & Produce Safety (Session 2) UVM Extension Agricultural Engineering	 <p>Project Planning for Postharvest Efficiency, Profitability & Food Safety Equipment 26:08</p>	Postharvest Webinar: Equipment (Session 6) UVM Extension Agricultural Engineering
 <p>Project Planning for Postharvest Efficiency, Profitability & Food Safety Flow & Lean Principles 31:35</p>	Postharvest Webinar: Flow & Lean (Session 3) UVM Extension Agricultural Engineering	 <p>Project Planning for Postharvest Efficiency, Profitability & Food Safety Tools 39:24</p>	Postharvest Webinar: Tools (Session 7) UVM Extension Agricultural Engineering
 <p>Project Planning for Postharvest Efficiency, Profitability & Food Safety Virtual Tours of Farms 21:23</p>	Postharvest Webinar: Virtual Tour of Farms (Session 4) UVM Extension Agricultural Engineering	 <p>Project Planning for Postharvest Efficiency, Profitability & Food Safety Executing your Plan 27:48</p>	Postharvest Webinar: Executing your Plan (Session 8) UVM Extension Agricultural Engineering



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Resources

- AgEng Blog
go.uvm.edu/ageng
- AgEng Podcast
agengpodcast.com
- YouTube Channel
go.uvm.edu/agengyt
- Social Media - Facebook/Instagram/Twitter
[@uvmextageng](https://www.instagram.com/uvmextageng)
- UVM Produce Safety Portal
uvm.edu/extension/produceportal
- CAPS enrollment
vbgga.org
- Your local Extension



Search the Produce Safety Portal

Content | Images

Show Search Options



Improving Handwashing Stations

Added by Andrew Chamberlin • Last updated June 12, 2020

AUTHOR: Chris Callahan & Andy Chamberlin

TYPE: Case Studies & Examples; Fact Sheets; Photos & Videos; Tools, Calculators & Pro

TOPIC: Produce Safety Introduction; Worker Health, Hygiene & Training

Handwashing has been shown to be one of the most effective ways to reduce the risk of trans... inconveniently far from the closest wash room and sink. Hand washing stations provide a port... recreational sites. This guide was motivated by a desire to improve current...



Hanging Hoses

Added by Chris Callahan • Last updated April 27, 2020

AUTHOR: Chris Callahan & Andy Chamberlin

TYPE: Fact Sheets

TOPIC: Agricultural Water (Pre/Post Harvest); Post Harvest Handling & Sanitation

Having water when and where you need it can make a big difference in vegetable wash station... wash/pack buildings.



go.uvm.edu/phplanning



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Contact Us

- Questions
- Comments
- New Ideas
- Packshed Innovations
- Put our suggestions to use?

producesafety@uvm.edu

@UVMExtAgEng on Social Media



Hans
Estrin



Andy
Chamberlin



Chris
Callahan

Virtual Tour of Wash/Pack Projects

Chris Callahan
Andy Chamberlin
Hans Estrin

UVM Extension
Agricultural Engineering

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