

From Homebrewer to Nanobrewer

(aka homebrewer to bigger homebrewer)

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Society of Northeast Ohio Brewers

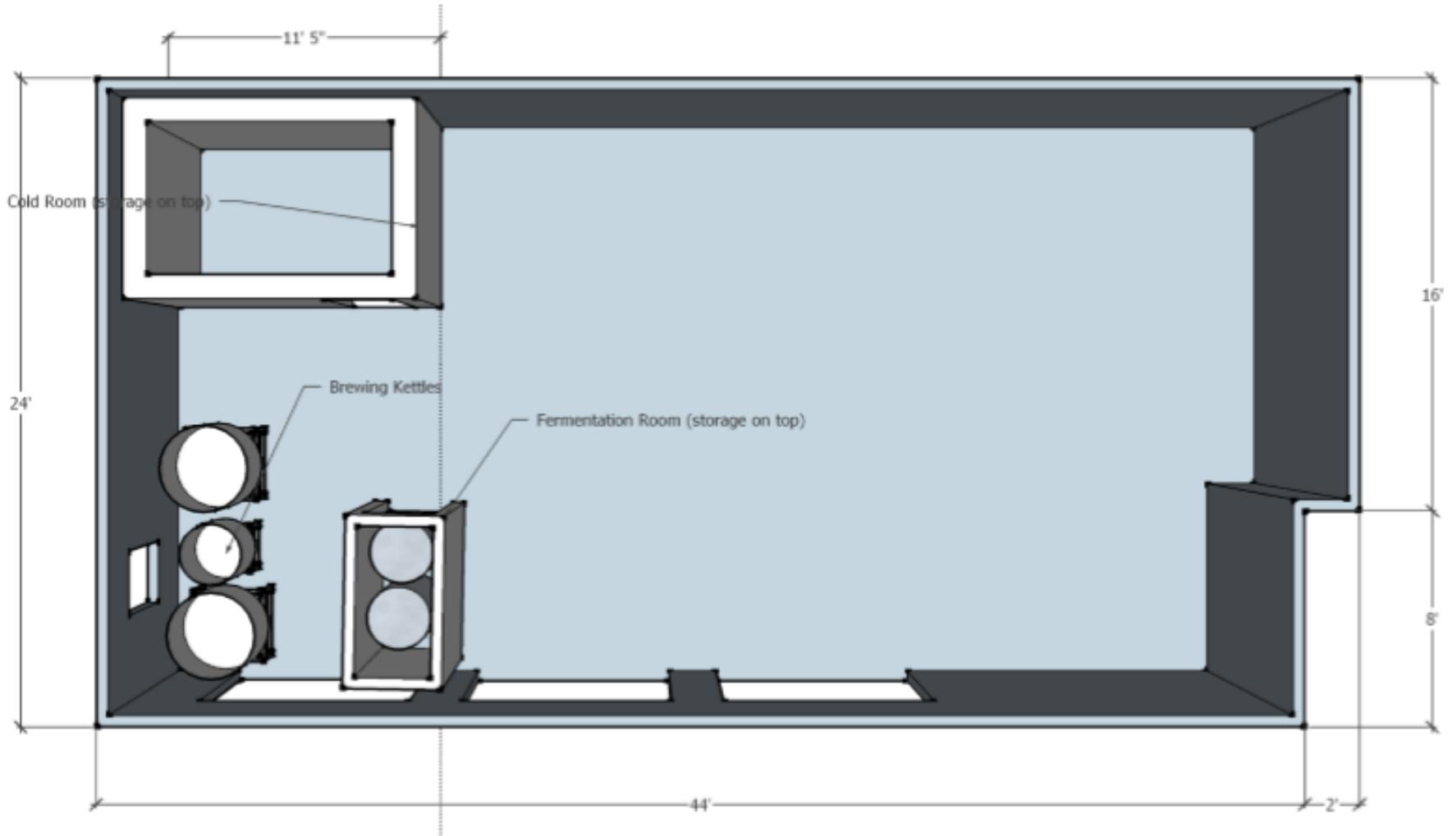
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Why / Who?

- Almost every homebrewer's dream
- Bigger gadgets
- More wort = more experiments
- 4 Partners:
 - 1 knows how to brew (me) and can build stuff
 - 1 is a former “wine guy” with a large network of friends
 - 1 owns the property we brew on (otherwise silent)
 - 1 is the property owner's son and is passionate about beer

Planned Layout



Brewhouse - \$4,700



Cold Room - \$2,800



2x Fermenters (600 ea) & Ferm Room (\$500)



- Ace-Roto Mold Plastic Cone Bottom Tanks
- 85 and 110 gallon
- 2" Tri-clover bottom port
- 1/2" Racking Port at ~4 gallon
- Added wheels this summer fermenter races TBD



Keg Washer (\$350) & Bottle Filler (\$200)



Mill (\$300) & Chiller (\$600)



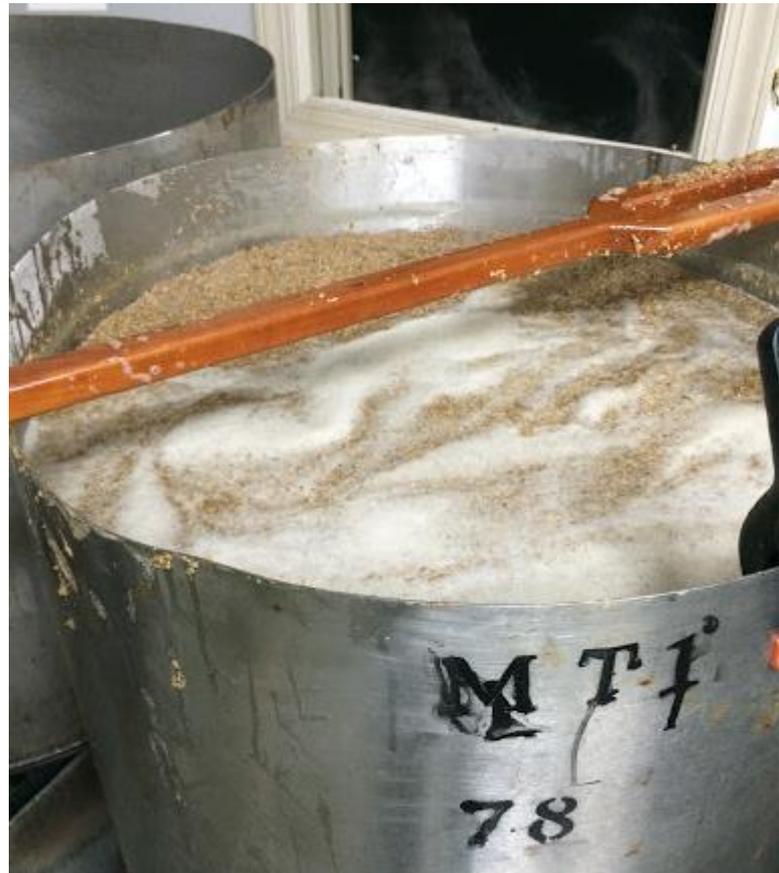
5 Gallon Stir Plate & Other



- March Pumps (3)
- Silicone Tubing & Cam Disconnects
- CO2 tanks, regulators, manifolds, connectors, Jockey box, empty kegs,
- buckets, totes,

Licenses & Fees

- Legal Fees \$4,000
- License \$1,000
- Bond \$100
- Insurance \$700



Process

- Planning (Name, space, etc)
- LLC & Operating Agreement (FEIN)
- Local Permit (Township Zoning)
- State Permit – Inspection, hold until Federal
- TTB Permit – Most paperwork (online) longest Lead Time
- FDA Registration
- Vendor License (Ohio)

Lessons Learned

- Test Brew is not optional
- Array of paperwork
 - TTB Daily records
 - TTB Quarterly Filings
 - Sales Tax Monthly
 - Ohio Excise Yearly
 - Product Registration – Federal & State
- Larger Cold Room, mash tun



Challenges

- Hop Availability
- Scheduling & Day Jobs
 - Cleaning, Prepping, Brewing, Bottling, Cleaning
 - Sales & Marketing
- Production Planning
 - Market Demand / response



What's Next

- Market Expansion
- Physical Expansion
 - Workflow
 - Fermentation
- Increase Throughput

