

# Board Meeting Agenda (and Notes)

October 15, 2020

Meeting called to order at:	7:02 pm CDT
Board members present:	Sarah, Mark P, Bill P, Puja B, James P, Sylvia, Jay, Ron, Timm
Others present:	Sean Grady, John Eich, Dwight Jenkins, Ken Bice, Luke B, Ryan Lewis

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## Member Input and Discussion (10 minutes)

- John took the survey and liked it but noticed the auto area is on the wishlist, while market-interest is good, it may not be a great idea to reopen that Pandora's Box
  - We already voted two meetings ago to can that, so that is moot
- Ron: someone said that "The problem with the Bodgery is that it hasn't had a dues increase?"
  - From \$50 to \$60
  - Sean said it was the last thing because it was complicated - Ken quoting Sean
    - Last time we switched payment services we kinda forced everyone to re-sign up and if we change the amount we bill people in paypal, they need to re-approve the recurring payments again. Last time we lost 5-10% of our members.
  - Why Ron's person said something: Guy's involved in not-for-profits because they're failing because they're not charging for the value that they provide
    - We are taking on a new annex and we are taking on expenses - might be good to have an extra buffer
  - Mark: we should look at this as a board for discussion after we get a clear view of our finances
  - James: we do undermonitize in specific ways, but not in membership. Annex should be monetizing for optional stuff, like studios, increased storage spaces, and other stuff
  - Sarah & Timm: accessibility is key especially in the pandemic
  - John: we set this price purposely so that we can have affordability
    - Our affordability is one of the principles of The Bodgery
    - We're not valuing ourselves by optional monetize stuff, like trading something like studios for area captains, we need to value our volunteers
  - Budget projection with the annex and anticipating studios and stuff
    - 27 studios will completely pay for the annex (in the annex), including power and stuff

## Priority Business

- Vacuum Former
  - We finally have one!
  - Need to decide on a permanent or semi-permanent spot
    - [Luke's proposal](#)
    - Requires a lot of power

- Welding area is the only place now with the right amount of power
  - Can have long attached cord to reach welding area
    - Obviously less than ideal
    - Takes up plug in welding area
    - Trip hazard
    - Expensive cord
  - Its own permanent power is obviously preferable
  - Prefer not to wait on annex
  - Current *Project parking* cited as possible spot
    - 8' between Screen printing wood wall and the electric/circuit box.
    - Project parking ~13' x 8' with an electric/circuit box in the middle: How are we getting 5' clearance on all sides?
    - Exposed wire extending from the circuit box
    - Build new member storage racks in garage space (before member storage is moved): need to be mobile and have vertical and horizontal storage.
    - Who will build this? Time frame if this was to go forward.
  - May need some additional fire protection around it, e.g. cinder blocks. Probably need this on both sides, since there is a double sided member storage rack adjacent to project parking.
- Discussion:
  - Vacuum Former has been on our wishlist for many years. We wanted to build it ourself, but Jesse got it for \$300 and it works. DIY budget was \$4,000 (may need to raise due to steel embargos) and metal responders stopped replying to us.
  - Has been working with Sylvia on it and they're taking out of the current budget - we've got \$3,000
  - Bare minimum: power. Already has heating elements, motors, already functional
  - Power requirements are drastic. User manual 220 volt 60 amp + 120 V
  - Rewiring the machine (not too hard) can run off the 480 from the plasma volt in the machine area
  - The machine is big and needs a permanent home
  - Needs at least 10 X15 feet assuming against a wall
  - We need a space and we need power. Annex can be a permanent home, but have faith in board but not Rabin's timeliness, so want to get this started asap
  - Ken: could we run a cable over, depending on usage? 8 gauge wire - it's huge 3-4 strands, ~\$120. ~\$150 to make with large plugs
  - Dwight: Plasma cutter is wired for 3 phase
    - This is a single phase machine, but might use 2 phases from a 3-phase
  - Temporarily against the screen printing wall and 3D printing - currently parking space
    - Away from drafts
    - Can have cord run across
    - Will need to move member storage shelves (13' wide by 8', want 15' wide)
  - 240V dropping from ceiling by the wall
  - User is going to need to have at least three-sided access
  - All infrared heat - no sunburn, just toast
  - 12,000 watt range, extremely spread out
  - Directly wired into a wall previously
  - In the best case scenario would it be best to design a place to the machine? - the space needs consideration but not outright design.
  - Small bursts of machine use, and lots of training
  - Might be able to live in CNC, but not this CNC.
  - Motion: Approve Luke's proposal dependant on fire safety and electrical and shelving

- Seconded: Mark
- Discussion:
  - Puja: horizontal and vertical storage before moving - timelines
  - We can use some of the shelves
  - Do we need to approve funds for additional electrical work? Not as long as they come out of vacuum former budget.
  - Board should call Nickles (my audio quality is poor) for outlet
    - John nominates Mark, and Ron agrees
    - Mark with consultation with John Luehrsen
  - Who is making/buying the shelving?
    - We can't assign people, they need to volunteer. Do we need a volunteer coordinator?
    - We're kinda voluntolding the woodshop for storage
      - Budget comes from general
      - Go forth and be responsible
    - Please make it movable - on wheels?
    - Leaning things go on the back wall and the horizontal stuff stays on the shelves.
    - Bill - modular and knock down
    - Maybe able to move with a pallet jack?
      - Bill will draw it up
    - Doug also recommended something
  - Machine doesn't move until the storage is created, assuming they will both fit
  - Motion: PASSES
- Rear doorbot
  - Prerequisites:
    - Materials purchased (done!)
    - New UPS installed (done!)
    - Networkless cache works on current doorbot (deployed Sat, Oct 10, looks OK so far)
    - Power. There is a pair of outlets a short distance from the door, but a dedicated outlet for the doorbot would be nice. (puja added: Lets not wait on that though!!)
  - If networkless cache continues working through Sat, Oct 17, will work on deploying doorbot to back door
  - Future consideration: Doorbots on the two entries in the annex
- Discussion:
  - If doorbot goes down, current system is such that no one can get in unless they have a key.
  - We have prerequisites in place, it would be nice to have another pair back there (electrical)
    - Nickles again - Mark will talk with the
    - Add a tamper proof on there to keep doorbot from being unplugged
  - New vestibule - argue against doorbot, because we wired our vestibule when it was created/in process. Good way to keep storage.
- Expansion
  - Next steps for space planning after receiving surveys
- Discussion:

- We sent some surveys out and for space planning, that will take time, discussion, sweat, and tears (maybe blood) - so what happens after that?
- Bill - sit down with the area captains and zoom and talk about the survey and talk about need for future comments - maybe not 10 at a time. Everybody at the same time is all over the place. Woodshop, Jewelry, Machining and Metal, CNC,
  - Program of priorities and develop schematics, come up with varying options and phases
  - Phasing plan, set up timeline and do we coincide with stuff to minimize relocation during second phase
  - Should we consult with an administrative group prior to area captains - such as studios and storage space to flesh out
- When are we going to stop the comments on the survey - after the email was sent out. Maybe within the next week?
- Timeline for sending out email survey - sending out tonight, thank you James. Same as the one posted in #announcements in Slack
- Talked about LOI - can see details in the LOI meeting notes
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- Covid
  - Positive cases continue to rise.
  - Some areas have reduced or no trainers.
    - Stay open or close to new members until numbers decrease?
  - Colder weather may affect Covid spread
    - Shop ventilation changes for cold weather? Additional filtering?
- Discussion:
  - If we close for members, this is going to probably go on until February at least?
  - Can we create a committee of people who are more informed than the public as an advisory committee to the board? Ron
  - 3D printing - going to go and do virtual training. Won't really work for new members, but will work for people trained and familiar with another machine
  - Should we close membership? Mark is the one doing stuff and we're getting worried. John can also help.
  - We should really look at ventilation. Even after the vaccine it's not just going to go away. We're probably talking until a year from now
  - We got an estimate - Ron drilled down into the proposal - recommended 2 exchanges per hour (now is 5-8 recommendation) - it was \$40,000. Covers the main shop, but not the clean room, classroom, or woodshop. Includes exhaust fans on either end and make-up air handler in middle.
    - Improved filtration? That was not in their scope, but on our current scope would only cover the clean area. Clean room currently has MERV 13 filters.
    - Could we do a suspended from the air air cleaners and filter from a Merv 13 but the air needs to be circulated and auxiliary fans to direct the air
    - You need air from outside
    - Energy recovery ventilators
    - Ron - I'm familiar and it's expensive
      - Timm - make magazine has one you can make out of plywood
    - Right now we don't want to circulate dirty air
    - We have fans pulling dirty air out and then fresh air comes in through the door
  - COVID sucks - Ken

- We have an estimate to cover part of the shop and it sounds like we should reach out and have an off-the-record conversation with someone well-versed in HVAC for air clearing
- Equipment and building platforms for the equipment are big ticket items
- In many indoor situations this is one of the better things we can do, but how this applies to the machine side, which is more open/spread out
- John: current community spread sources - bars, restaurants, large gatherings
- We should consider reducing orientation - limit the number of people and hold it every-other-week. Make it an event that you need to RSVP
- Look up alternative air cleaning strategies

## Other Business

1. Radial saw: Jack Ryan is coordinating pick up by buyer.
2. Screen printing: No progress. Waiting for Radial saw to leave.
3. Bodgery swag: Sarah Butcher to add images online soon. T-shirts/hoodies/caps? Perhaps, the bodgery should get a few T-shirts for sale later?
4. Bodgery office: Lock? Can we secure it? John Eich had mentioned that there was a plan to do it originally?
  - a. Recommend keypad lock - you don't have to remember to bring a key
5. Conestoga house build: Photos and news generated lots of interest on Instagram and Facebook. People have also asked to volunteer time. There are plans to update it on the Bodgery's website.
6. Bodge-o-lantern: Work in progress!

**Meeting adjourned at: 9:33**