

AC Power - General Notes

• Powerflow:

- Green - normal
- Orange - marginal
- black - potentially hot
- Grey - no voltage

• Symbols:

- rectifier
- bypass
- DC data bus
- inverter
- battery

Time Remaining:

- Inverter Overload
- Static Switch "
- Battery (DC Source)
- Automatic Retransfer
- Regeneration
- ECO Mode

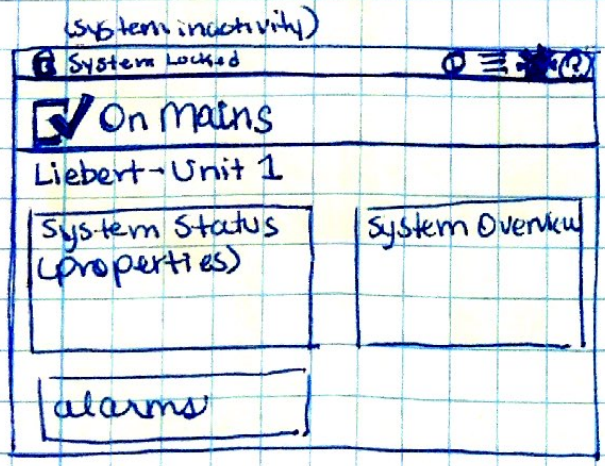
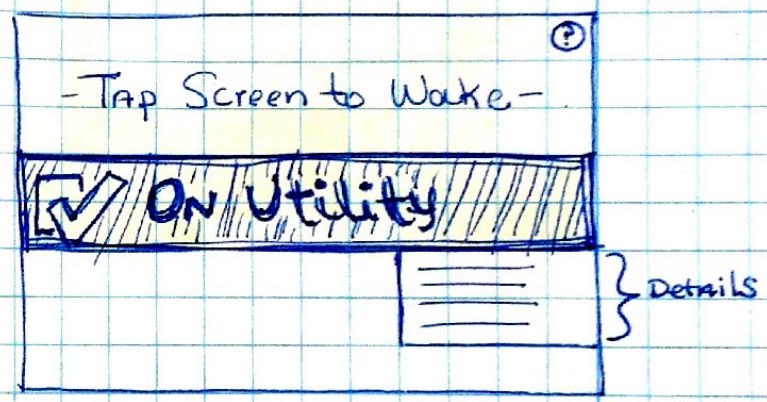
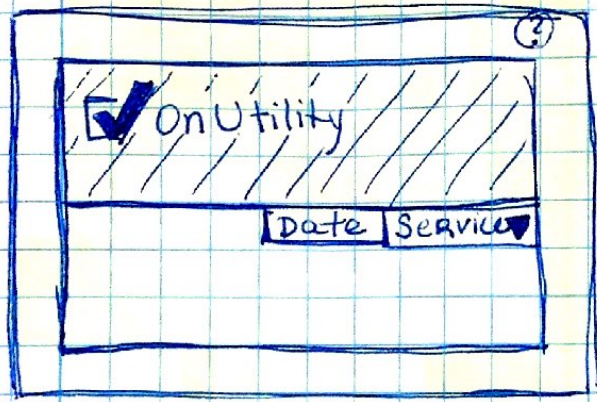
• Navigation

- Events
- Metering
- Operation
- Reports

Goals:

- ① manage power systems + processes
- ② optimize system performance
- ③ prevent abnormal conditions
↳ recognize + act when problem occurs

- Merco 2 Concepts: ① Supercharger ② Superconductor
- Merco Personas: ① Service Technician ② Facilities Manager



- ① - date, time
- project details

- ≡ - Status - system overview, system health, ^{alarms} history
- logs - event log, battery, UPS events, alarm ^{energy, service}
- operation - battery, unit operation, system units
- service - component, unit, history
- alarms
- settings → unit, threshold, display
- about - configure panels,
- log out - network, SMTP,
- reports - manage roles, PIN setup,
- demo mode? - restore defaults

Pan | Zoom in | Zoom out | zoom window | zoom to fit | rotate left | rotate right

draw space rectangle | draw space polygon | draw zone

rectangle
polygon
add text
create spline
select
del align



PAN



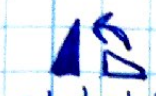
ZOOM



zoom in



zoom out



rotate left



rotate right



draw rec



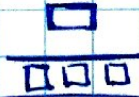
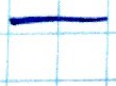
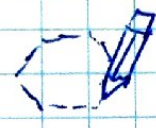
draw polygon



AI



S+

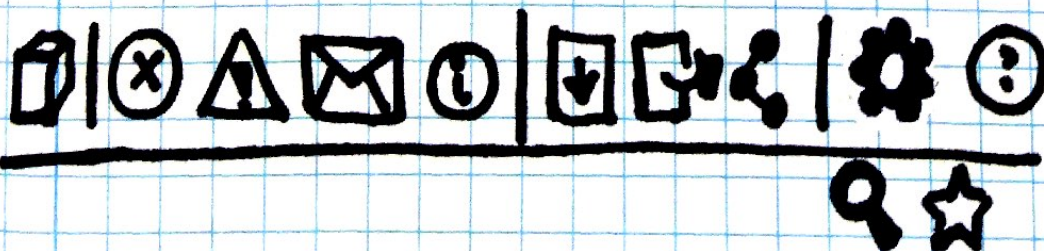
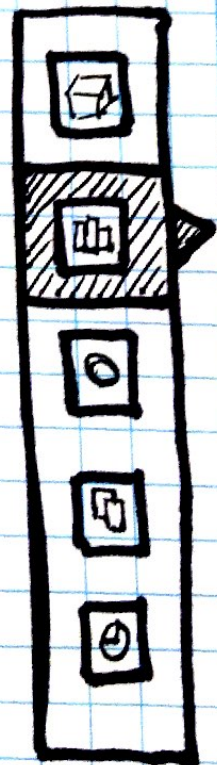
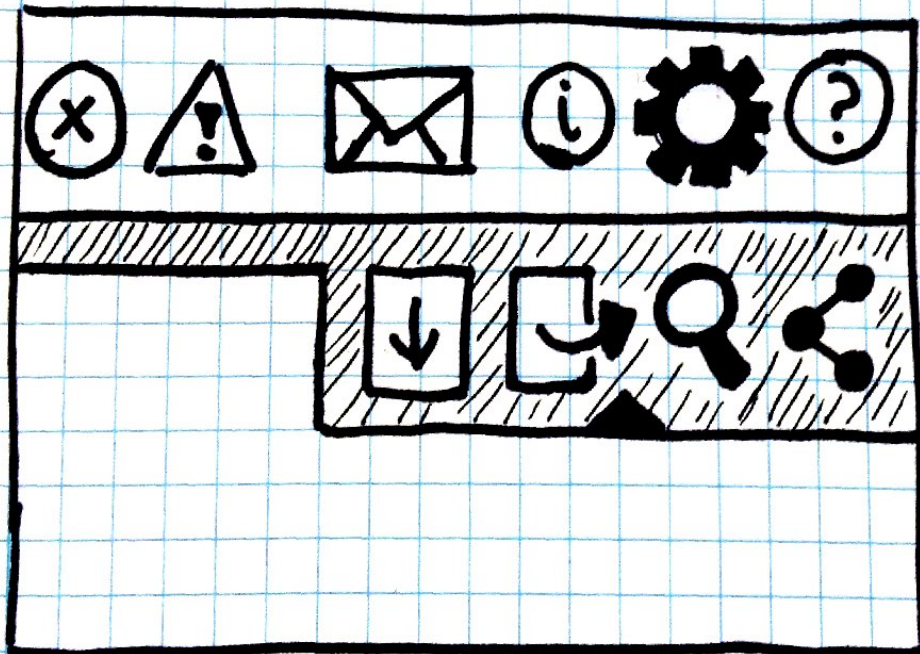
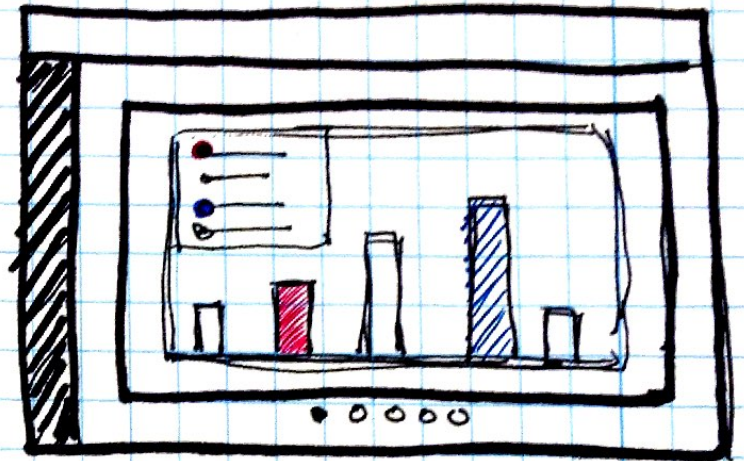
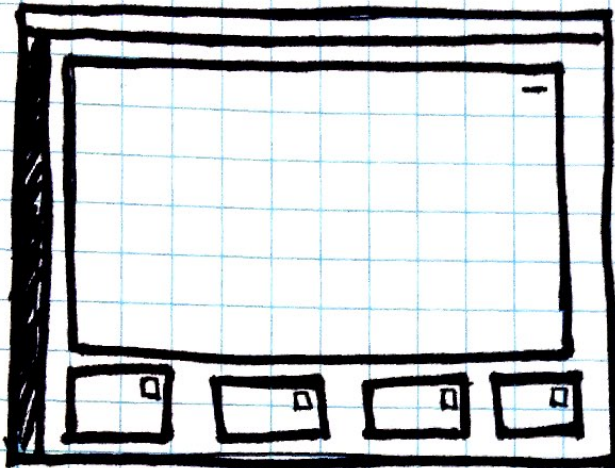


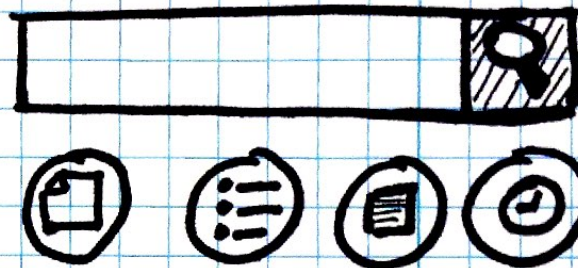
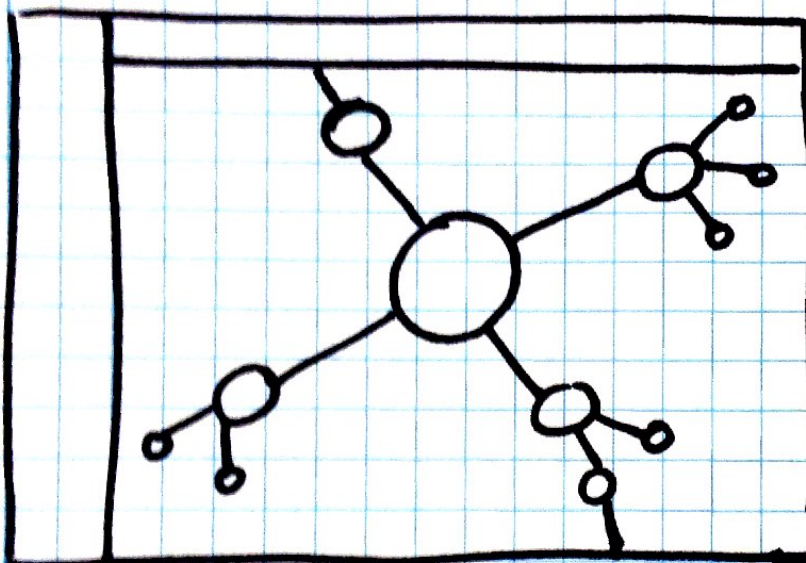
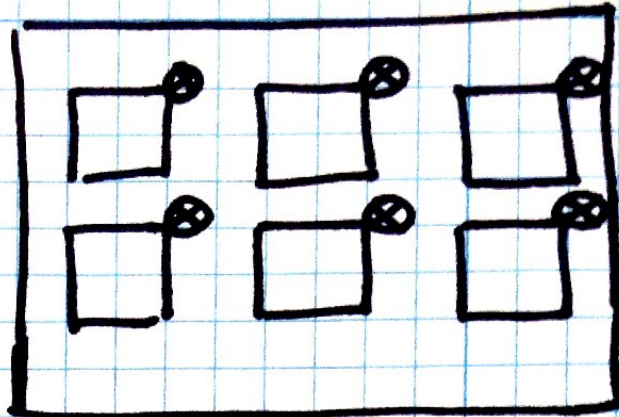
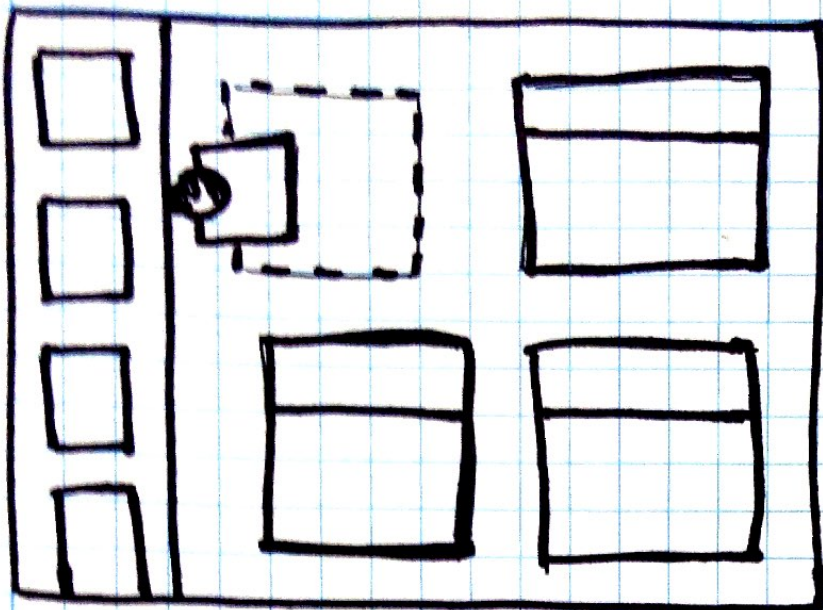
Trellis

- ① maximize/minimize tiles
- ② properties panel
- ③ add icon
- ④ action items on tiles - mobile vs desktop
- ⑤ ideas + concepts (send via email to start dialog)

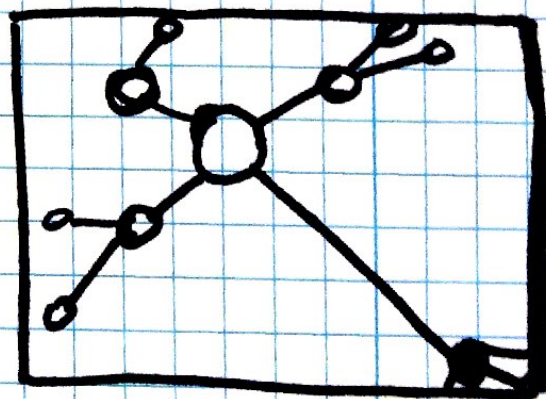
Trellis Next Gen

- * - Timeline \Rightarrow Events (3 Types: Device, System, Audit); History
- Process - Started by name or number
- Process Manager + Change Planner \Rightarrow Keep as 2 Pgs, even though they are similar in info
- Just the landing page will change for now
- Dashboard tiles - what do these need to be?
- Task-Oriented vs. Feature Oriented \rightarrow Bookmarks, Favorites
- Inventory \rightarrow add items to process
- Alarm Summary - Toggle Between Calendar View vs. List View

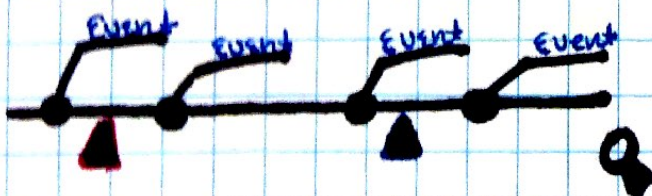




🕒 History

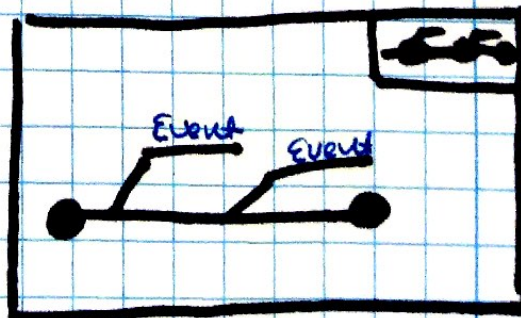


🔍 AUDIT

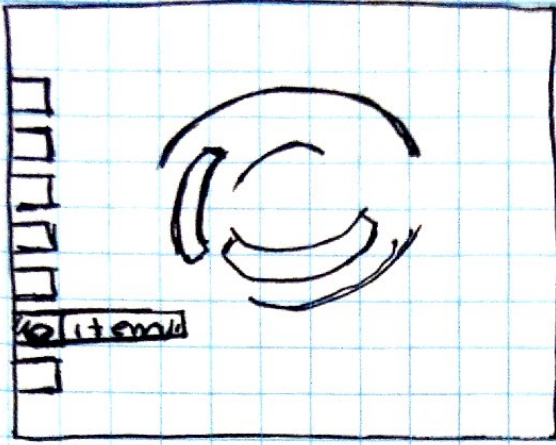


📱 Device

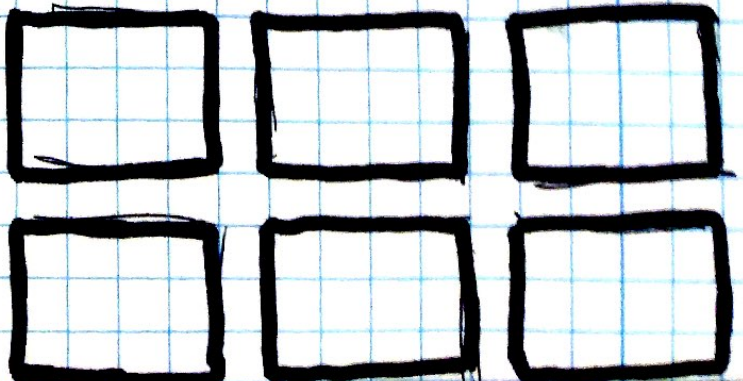
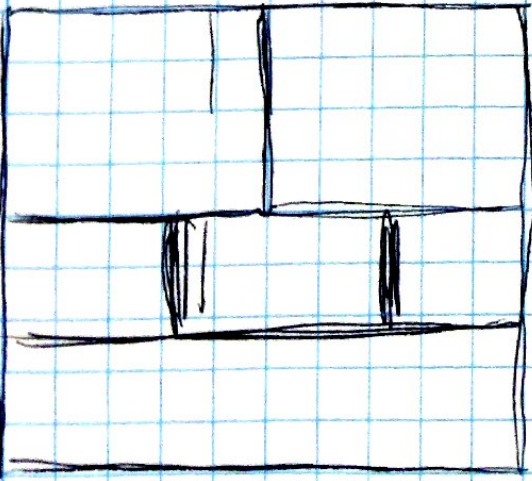
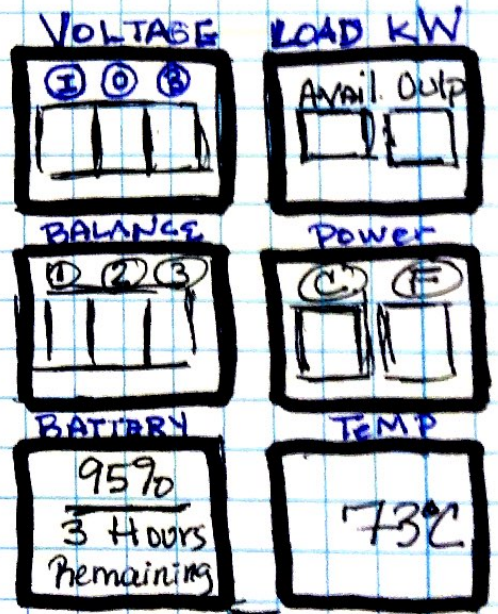
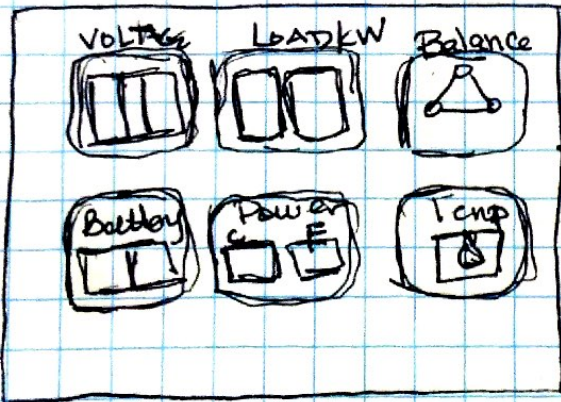
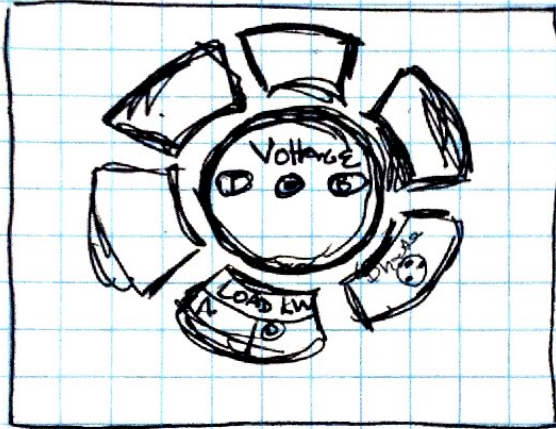
🌐 System



Info Graphic - AC Power



- ① Voltage
- Bypass, Input, Output
- ② Load
- kW, Avail, Output
- ③ Phase Balance
- A, B, C
- ④ Battery Remaining
- % , Hours
- ⑤ Power Factor
- Current, Frequency
- ⑥ Temperature



InfoGraphic - AC Power

V	L
BAL.	Bat.
Power	Temp

V	L
BL.	BT.
P.	T.

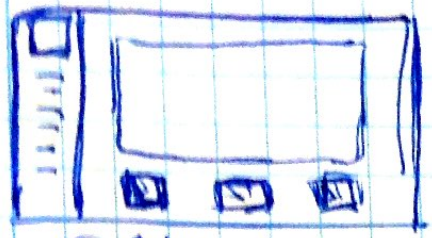
V	L		
BL	BT	P	T

V	L
BL	BT
	P
	T

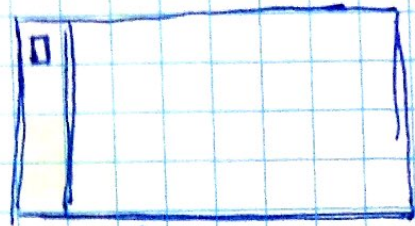
V	L	
BL	BT	P
		T

V			
L			
BT	BL	P	T

Dynamic InfoGraphic- AC Power & Trellis

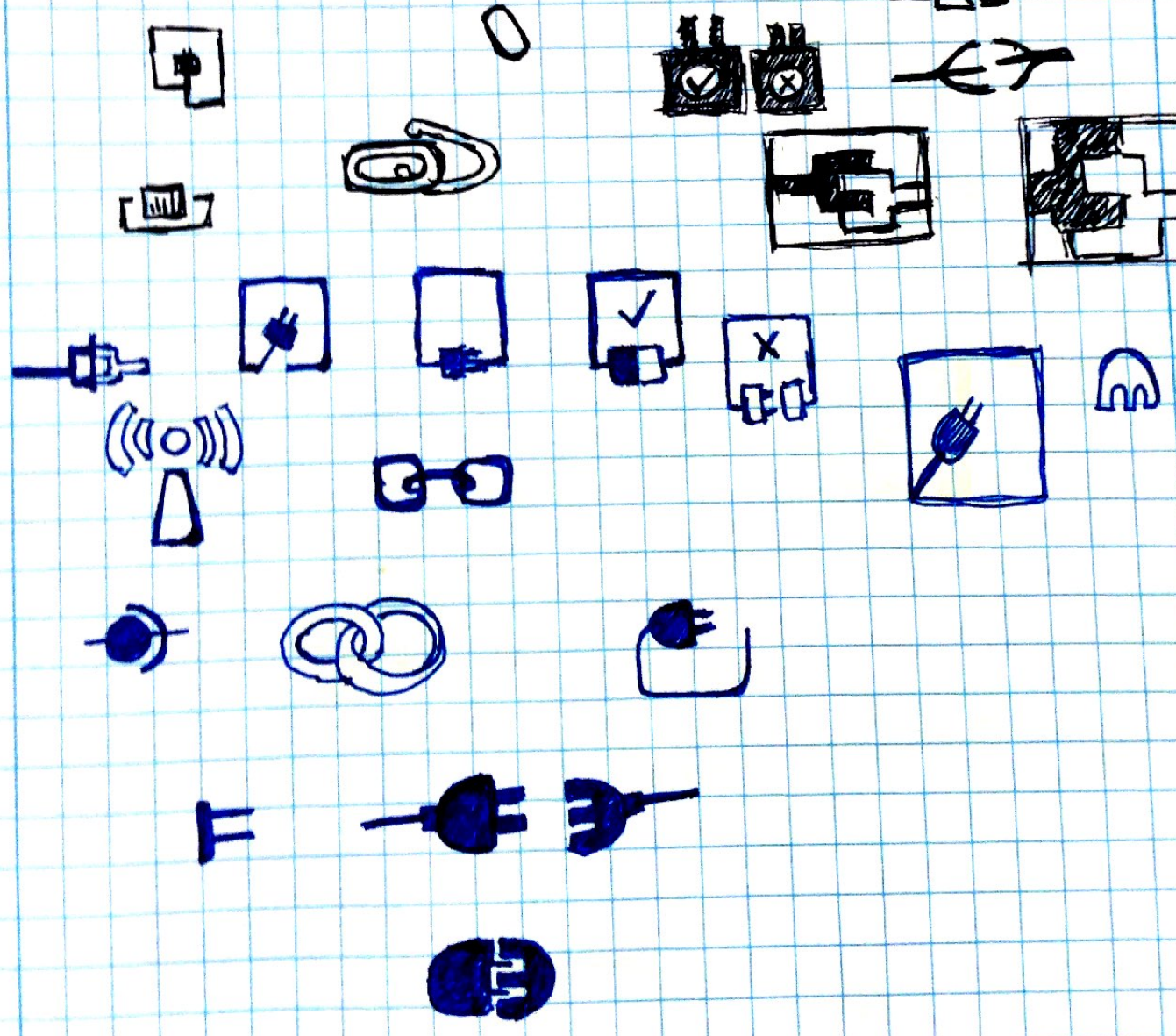
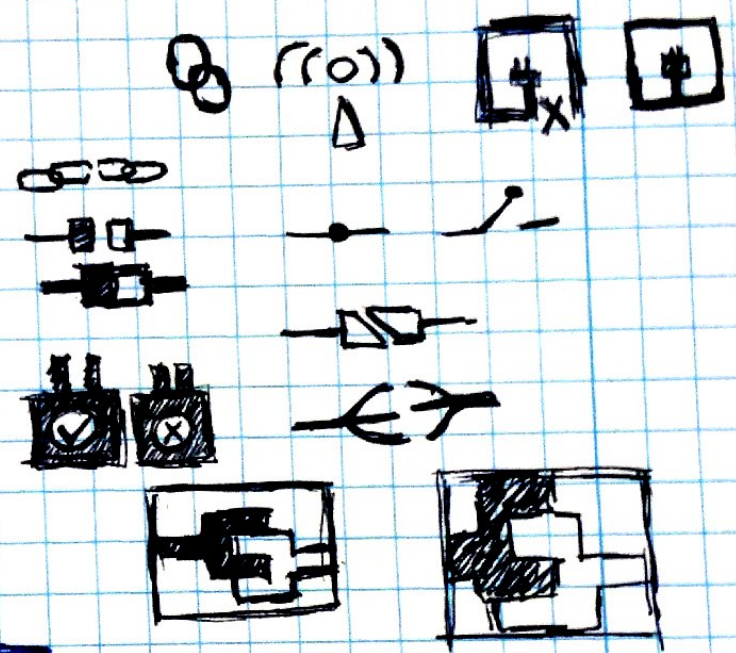
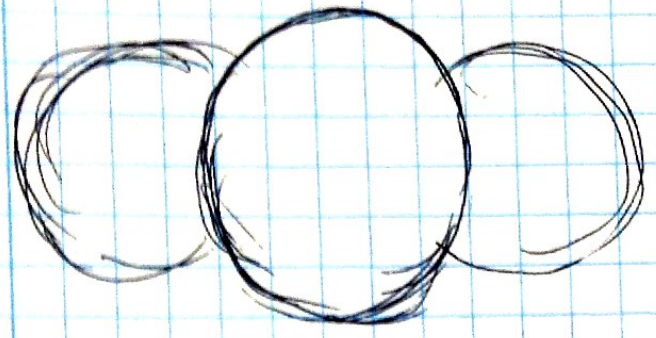


① Global Map

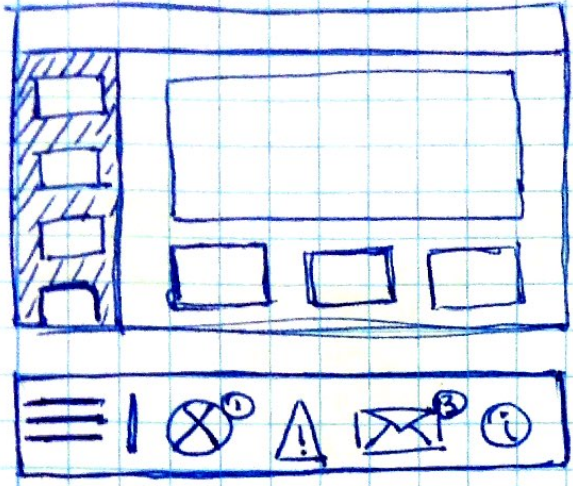


① Connections
(+Cabling)

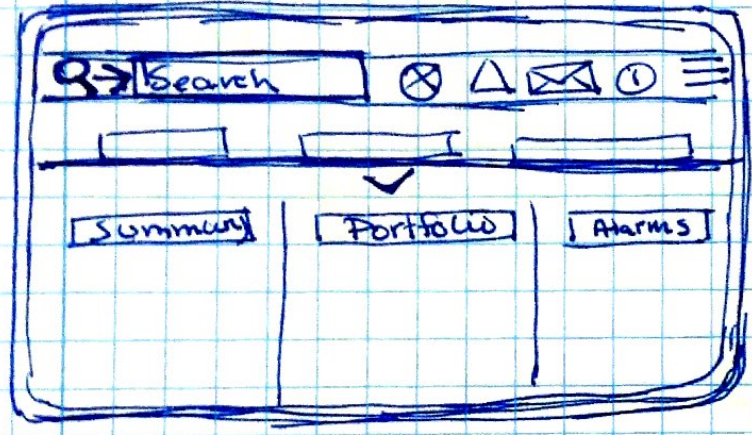
- ① Voltage
- ② Load
- ③ Phase Balance
- ④ Battery Rem.
- ⑤ Power Factor
- ⑥ Temp.



Web-Based App (Trellis)



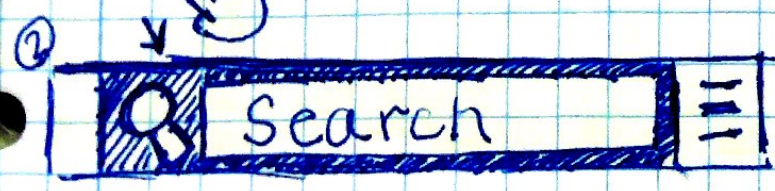
Landscape - Tray



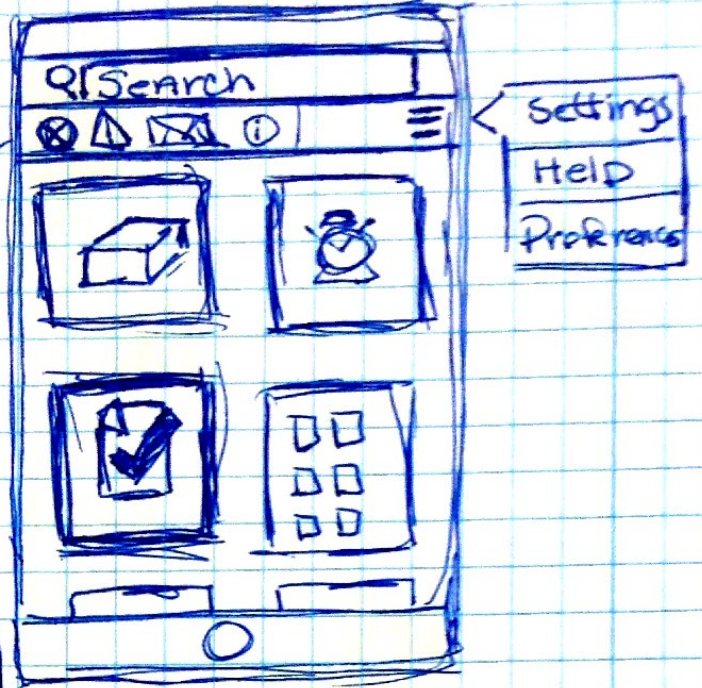
Menu - Portrait



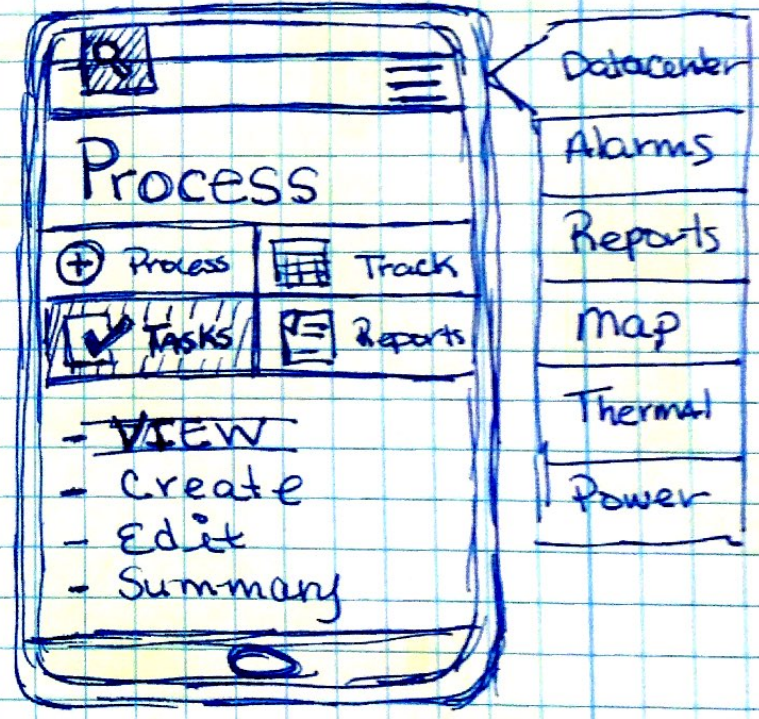
Menu - ~~Landscape~~ LANDSCAPE



Portrait -> Launchpad

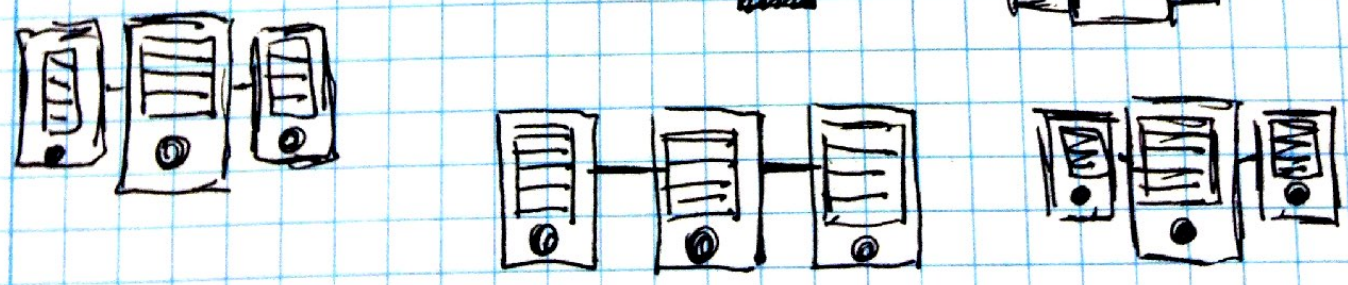
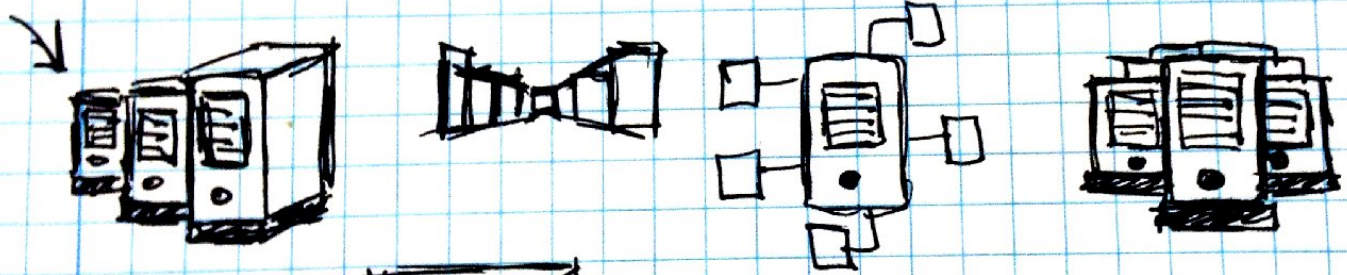
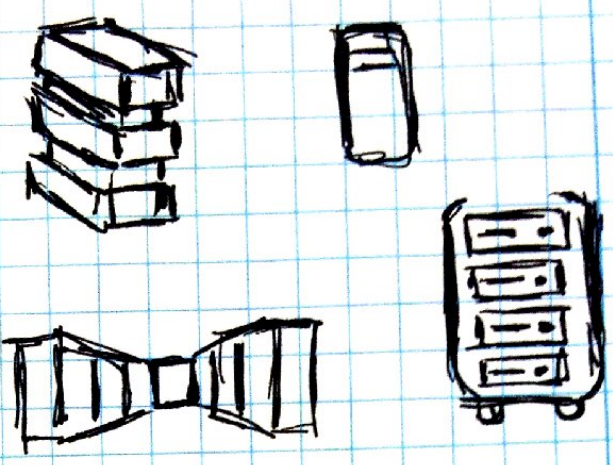


Portrait -> Context Panel

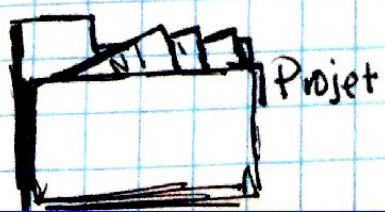
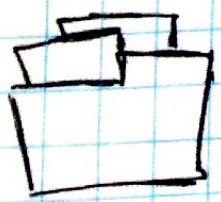
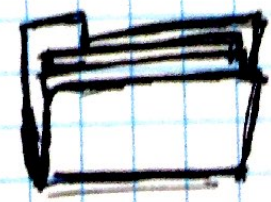
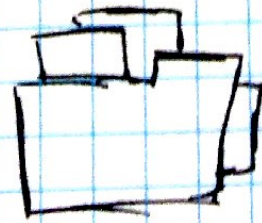
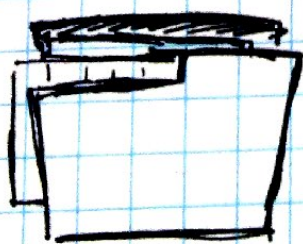
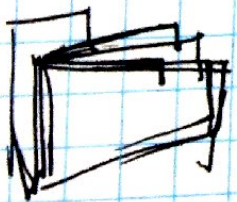
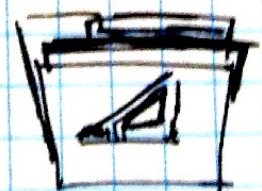
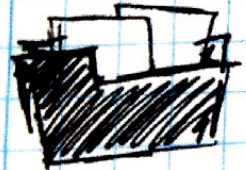
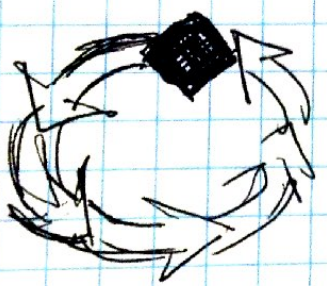
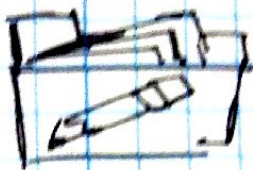
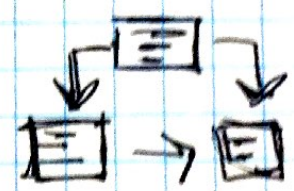
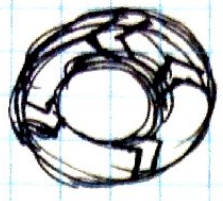


Trellis - Launchpad Icons

- ① Datacenters
- ② Dashboards
- ③ Process
- ④ Thermal
- ⑤ Projects
- ⑥ Admin
- ⑦ Alarms
- ⑧ Power (Electrical Diagrams)
- ⑨ Reports
- ⑩ Global View



Process

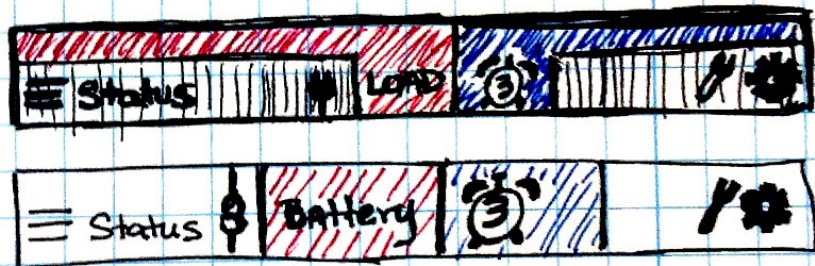
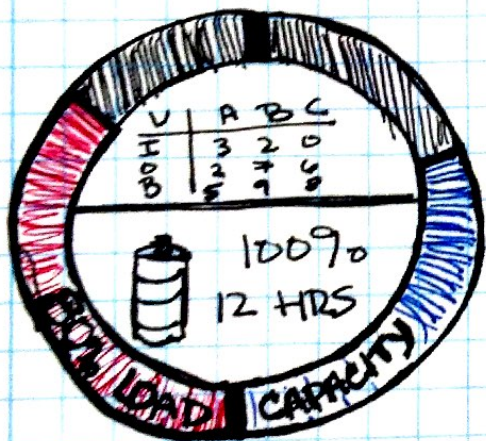
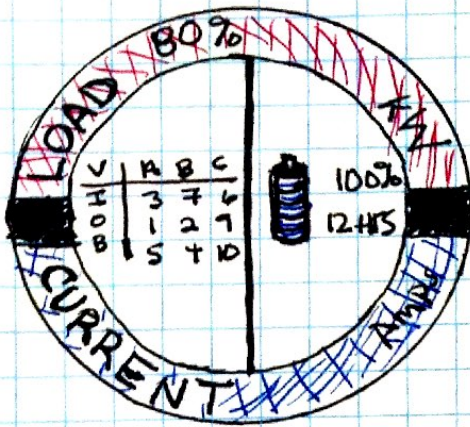
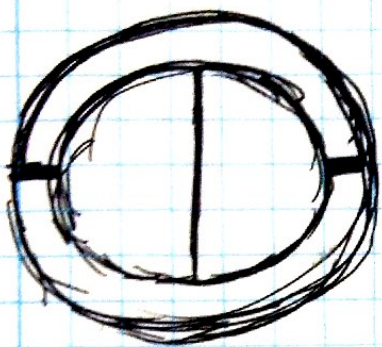


Projet

Gauge

- ① LOAD (#1) → also use % instead of kW
- ② Battery Capacity (#2)
- ③ Voltage


Load on Battery?
 UPS = Load?
 Bypass = Utility




• All vs Active alarms ⇒ latched vs unlatched
 ↳ delayed alarms (push to control board)

I AM READY!
LIZ RODRIGUEZ


WORK EXPERIENCE (PIES)

(1) 2014 | EMERSON (≡) mobile
 WIREFRAMING
 1. Design Asset
 2. Development Communication

(2) 2012 | InterGRAPH PPM (≡) (desktop)

 USER RESEARCH
 1. Persona
 2. workflow
 3. Scenario

(3) 2007 | InterGRAPH (www)

 USER FEEDBACK:
 1. Social media
 2.

EDUCATION / LEARNING
GROWTH

- Bachelor (2006)
- Certification (2010)
- SEO Training / Analytics (2012)

SKILLS (BAR)

○ Desire to learn everything else

① Technical



② People

- ☑ leader / Mentor
- ☑ COLLABORATIVE
- ☑ Inspiring
- ☑ Communicat
- ☑ Help

③ Project

- ☑ MANAGE
- ☑ ORGANIZED
- ☑ PROCESS
- ☑ AGILE
- ☑ Professional

Knowledge achievements

GOALS / GROWTH / OFFERING

- Lead / Follow
- Make meaningful work
- effect (+) change
- Delight users
- Game changer
- TAKE RISKS
- BE CREATIVE

WHO AM I?

- ① PASSIONATE
- ② GREGARIOUS
- ③ CREATIVE
- ④ LOGICAL
- ⑤ TENACIOUS



PASSION DRIVES ME

(Passion + Deep thinking + Empathy =

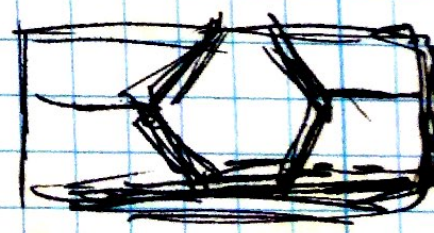
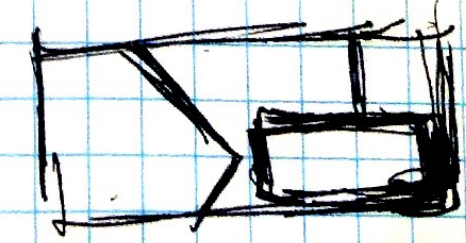
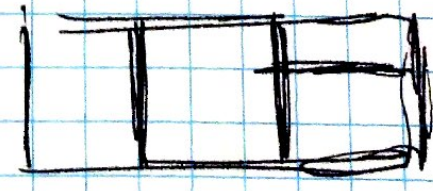
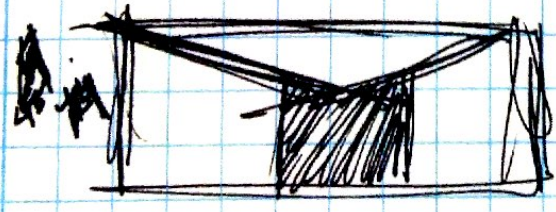
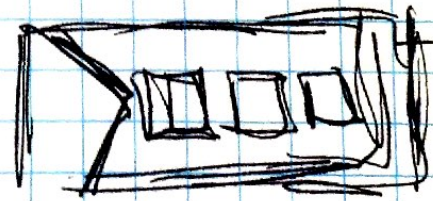
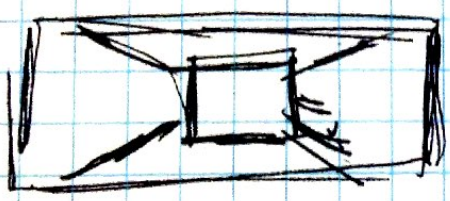
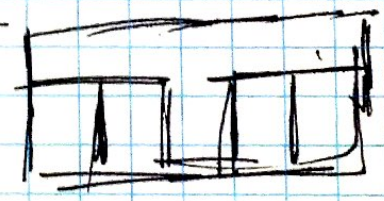
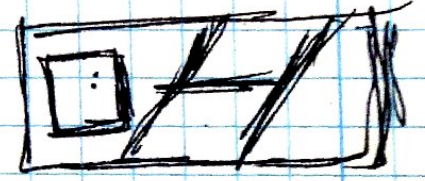
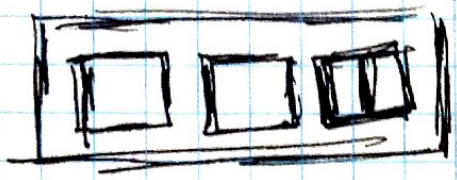
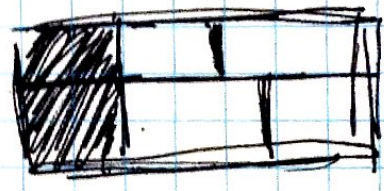
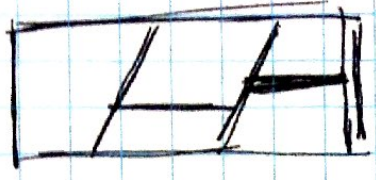
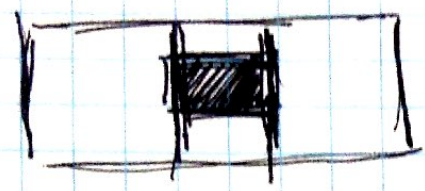
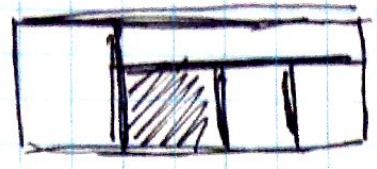
I AM READY

- Be the Best ME $\text{C} + \text{D} = \text{UX}$

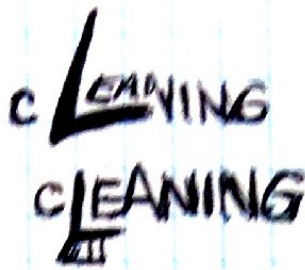
- make a difference
- push for change
- delight users
- be part of something great / do something new
- Take risks
- Creatively solve problems
- Be adaptable / grow / flexible
- make things both

- url - phone - service - logo + co name

5



TSU SERVICE ICONS



↳ you don't need to be moving to need moving

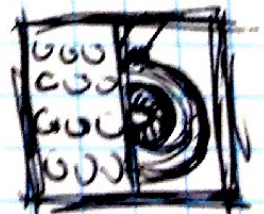


↳ It's more than just moving (just a move)



↳ ~~There's more to moving~~

↳ There for the big & little moves of your life



Moving where the ♥ is, one box @ a time.

↳ Help with all the sides of moving

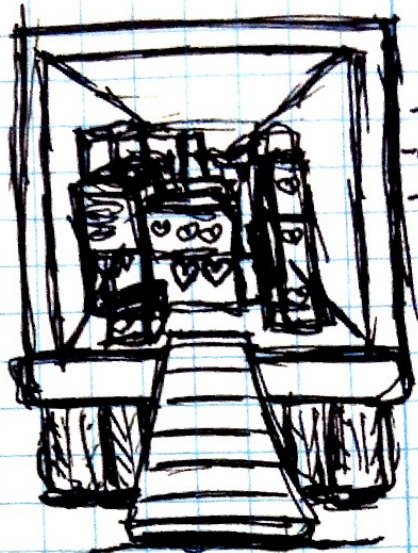
Come in w/ we leave u w/ a smile

Full service mov. Leave you w/ a smile

A house is just a house until u + ♥

we ^{move} bring your ♥ home.

- Me move your heart.
- heart is moving, we take it home.
- Bring home all the things that make you smile.
- We pack up your ♥ and move it home.
- We help your heart Find the new way home.
- A new way home.
- Specialize in moving your ♥ home.



- ♥ strings
- ♥ attachments
- House/Home

