Collaboration Corridor (T50/T37/T51) Requirements

Goals

- Fun
- Excitement
- Proud to bring in customers and interview candidates to visit

Requirements

Categories:

- Mandatory
- Nice to Have
- Showcase

Dot-voting Results: (#) represents votes given to each requirement by teams. Each team was given 7 votes per category, one vote per item. Results were received from six following teams.

How did we do?

After the completion of T51 and T50, I marked the wish list below to indicate what we were able to incorporate/accommodate in the design, what we did more or less, and what we did not do.
Key:
√ We did this
+ We did this, but with some modification
If no √ or +, we did not do this.
(red italic text is a comment)

Mandatory

- √ (4) Plenty of network bandwidth
- √ (4) Large screens for standups, code reviews, design sessions, lynda.com, etc.
- √ (4) Dual monitors for all developers (24" 1920x1200 minimum)
- √ (4) Computers with uniform and consistent OMP environment
- √ (3) Whiteboards, Whiteboards, Whiteboards. Including modular whiteboards, Whiteboard wall etc.
- √ (3) Sit-stands (I)
- √ (3) Private huddle rooms for two-four people
• √ (3) Pods sized for 8-developers
• √ (2) Sound Abatement: Strategically placed sound soak, Sound absorbing ceilings, portable sound-soak barriers
• √ (1) Storage for personal items
• √ (1) Some privacy for meetings
• √ (1) Printers
• + (1) Polycoms (not in public area) - (No new analog lines allowed at Sandia, so are using standard VOIP phone in all conference rooms, as well as a USB mic/speaker solutions in large conference rooms)
• √ (1) Flexibility
• √ (1) Ergonomic chairs
• √ (1) Coffee maker (Developers combined money and bought their own)

• Coat hangers
• √ Computers (will need laptops and/or desktops)
• √ Desks that have writing space, not just enough room for a CPU. (Desks in MO303 are 30"x60", which seems like a good size)
• √ Flexible access to network and power
• √ Kitchen with refrigerator/freezer
• √ Lot of power for computers, etc.
• √ Minimal modular walls (like no walls)
• √ Storage for supplies
• + Sufficient bathroom facilities (Debatable)

Nice to Have

• √ (5) Video screens for information radiators (build and test status)
• + (5) Dual 30" 2500x1600 monitors for all developers (I) (Provided dual 27" 2560x1440 monitors. These consume less power and are about 1/2 the price of 30" monitors)
• √ (5) Area to make private phone calls
• + (4) Rolling whiteboards with acoustic damping on opposite side (We have rolling whiteboards, but they do not have dampening. They are quite bulky though, so probably block sound)
• √ (3) Whiteboard wall
• (3) Stocked Kitchen/Pantry (Against Sandia Policy)
• (3) Good parking
• (3) Ability to demos with a large audience (theater configuration)
• + (2) More phones. Preferably one per work station. (Have one phone per team, though people can hook up their personal phones as we have one GPON per desk)
• + (1) Spaces that are personalizable (i.e. personal stuff at your desk) (Desk have back-boards that can be configured to hold/hang personal items. Some developers use monitor stands to provide more desk area)
• (1) Noise cancelling headphones (I)
• + (1) Decent telecom (Audio, video, good camera) (Great 4K monitors, are USB mic/speakers in conference rooms have potential for good audio. No cameras yet)
• + (1) Ability to support indirect lighting (Basically lots of power outlets for lamps) (*We have lots of power outlets, but nobody has yet to bring in a lamp*)

• √ Bikes
• √ Bookcases (for books, food, storage)
• Cord Management (power and network) from the ceiling
• √ Large video screen that are portable
• Nursing room
• Speakers for the whole facility (theater mode)

**Showcase**

• (4) Patio, tables so can eat outside
• (4) Conference room with very high quality telecom
• √ (4) Breakout area furniture
• (3) Outdoor workspace between buildings
• (2) White and grey noise for each area with on/off and volume
• (2) Sharable (via network) whiteboards for long-distance collaboration
• √ (2) Plants (fake or real)
• + (2) Lots of natural light. Skylights and windows. (*no skylights, but lots of windows*)
• (2) Glass walls that can become opaque
• (2) Game room/game closet
• + (2) Dimmable, programable lights (Philips Hue) (*All room lights are dimmable, T50 has programmable lights*)
• + (1) Painted colorful walls (*We have some colored walls. Most are white because they are also whiteboards, but also to keep the rooms bright*)
• √ (1) Nice carpet
• √ (1) Glass Whiteboards
• (1) Expresso maker
• (1) Exercise balls

• BBQ Grill
• √ Color, color, color
• Cool bikes
• Cool glass boards (i.e. glass whiteboards)
• Electric fireplace
• Energy Hub
• Garage doors to outdoor workspaces
• Showers and lockers
• Stained glass windows
• √ Themes for each of 3 trailer (Carpet, walls, etc)