

Meeting Date: 26 April 2011

Location: CCHS

Project Name: Concord Carlisle High School

Subject: Integrated Design Team

Project Number: 1102.00

Reported by: LPR

Project File:

Attendees: CCHS SBC, LPR, LKR, MR, JKR

cc: name

The following was discussed:

1. Goals Met

- Passive strategies
- Maximized daylighting
- Operable window issue

2. Conclusion:

- Don't touch football field
- Include north facing classrooms and clustering internally
- PV at grade
- Hybrid building approach? (at grade)
- Include LED as alternate where appropriate
- Use LED at exterior
- Want to have daylight deep into building
- Access to views is critical
- Classroom proportions
- 40% maximum wall area for glazing

3. Next Steps

- 3D site and building with shadows
- Active vs. passive strategies
- Energy model: Determine if we are gaining anything on option 6R by titling the facade due south
- Weigh solar tube use
- Quantify these sustainable ideas:
 1. Energy Consumption vs. Daylight vs. Human Needs
- Revise classroom proportions
- Further integrating of systems
- Consider glare control
- Sustainable subcommittee to push 3rd party PV financing
- Who meets with CMLP? (need to keep them informed)
- Study passive house level envelope
- Study 20% better than ASHRAE 90.1 2007
- Acquire Geotech Report A.S.A.P. (proposal are currently being reviewed)
- OMR & FBRA to meet in regards to building massing
- Further analysis of existing structure vs. cost
- Consider solar wall
- Consider absorption chillers
 1. Co-Gen (need to collaborate with Beede Center)
- Look at removing perimeter heating source

The foregoing discussions of this meeting are recorded as understood by the writer, who should be notified of any omission or correction. Unless the writer is notified to the contrary, this report is presumed correct.