

Building Greening & Adaptive Reuse for Queen of Peace High School

Jim Braband

Nancy Hamill-Governale

IPRO 314

THE PROBLEM

✘ Declining Enrollment

- + All girls, Catholic high school
- + Neighboring schools are adopting co-ed system

✘ Under-Utilized Library Area

- + Technology Savvy/ Online Resources
- + Tight schedules

✘ Turning Peace “Green”

- + Cost of heating/cooling the library
- + Build a solution that might qualify for a grant



Image 1: Library

ORGANIZATION OF THE TEAM

Greening Team	Information Commons Team
<p data-bbox="131 425 821 535">Design of Sustainability Wall & Reuse of Courtyard.</p> <p data-bbox="131 614 768 656">Team Leader: <i>David Horabik</i></p> <p data-bbox="131 742 357 785"><i>Members:</i></p> <ul data-bbox="183 806 627 1106" style="list-style-type: none"><i>Matthew Alvarez</i><i>Kyle Duke</i><i>Gina Grande</i><i>Svetlana Semenova</i><i>Randall Weyhe</i>	<p data-bbox="989 425 1748 535">Redesign of Under-utilized Library Space</p> <p data-bbox="989 614 1541 656">Team Leader: <i>Kyle Dralle</i></p> <p data-bbox="989 742 1207 785"><i>Members:</i></p> <ul data-bbox="1041 806 1458 1035" style="list-style-type: none"><i>Leonel Hernandez</i><i>Michael Muyco</i><i>Brian Lipski</i><i>Naima Zakir</i>

GOALS OF THE PROJECT

- × Design a new library space
 - + Telecommunication Rooms
 - + Media Center
 - + Individual and Group Study Spaces
- × Design a new energy efficient curtain wall
- × Courtyard Redesign
 - + Sustainable & Interactive

PROGRESS TOWARDS GOALS

- × Multiple site visits to Queen of Peace
- × Discussion with administration
- × Met with Haworth and Steelcase office furniture system companies
- × Created basic plan for media center
- × Conducted research on innovative curtain walls
- × Prepared curtain wall design proposals

OBSTACLES TO-DATE

- × Unclear on how the administration would like the space to be used.
- × Trying to keep the cost of the project realistic while making the space unique.
- × Creating a unique wall system that falls within the budget of the school.

ANTICIPATED CHALLENGES

- × Developing a Media Center plan flexible enough to accommodate changing needs and uses.
- × Testing the effectiveness of proposed curtain wall systems and selecting the most appropriate design solution.
- × The want/need for high-tech VS. low cost.
- × Cost analysis and estimation.
- × GETTING THE WORK DONE!

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Q&A
