Cottage and Area Physical Modeling for Enhancing a Classic Country Club
The Problems
The Problems
Project Goals

• Surveying
• Drawing
• Digital Modeling
• Designing
• Engineering
• Publishing
# Team Organization

<table>
<thead>
<tr>
<th>Drawing Team</th>
<th>Capstone Team</th>
<th>Design Team</th>
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<tbody>
<tr>
<td>Timothy Biel</td>
<td>Joshua Bradley</td>
<td>Leonard Gill</td>
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<tr>
<td>Alisa Holm</td>
<td>Daniel Gima</td>
<td>Melissa Hold</td>
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<tr>
<td>Jill Ishii</td>
<td>Jenelle Hill</td>
<td>Bill Matuszak</td>
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<td>Chris LaMarca</td>
<td>Carolyn Kois</td>
<td>Grant Mosey</td>
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<tr>
<td>Bill Lange</td>
<td>Angela Ng</td>
<td>Trevor O'Keefe</td>
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<td>Elizabeth Mauban</td>
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<td>Coral Pais</td>
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Progress Towards Goals – Surveying

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RECORDER: A. NG
TAPE MEASURER: J. BRADLEY

* SEE PG. 4
Progress Towards Goals – Drawing

Notes:

Olympia Fields Country Club
2800 Country Club Drive
Olympia Fields, IL 60660

Cottage 1
Last revised 2/27/15 by William Lange

Measured Space:
Course Level: 0 sq. ft.
Road Level: 3,604 sq. ft.
Floors Above Road Level: 560 sq. ft.
Total: 4,164 sq. ft.
Estimated Volume: 16,832 cu. ft.
Aerial Estimate: 2,082 sq. ft.
Progress Towards Goals – Digital Modeling
Progress Towards Goals – Digital Modeling
Progress Towards Goals – Design

the sign
the landscape
the cart bridge
the pillars
the arches
the arches/guardrails
Progress Towards Goals – Design
Progress Towards Goals – Design
Progress Towards Goals – Engineering
Major Obstacles Encountered

- Lack of background knowledge of code and specific requirements for vehicular bridge design
- Disparate levels of progress between intra-IPRO groups
- Inadequate data sharing provisions with regards to cottage field data (not enough space on iGroups)
- Inefficient parallel work with Robinson Engineering
- Photosynth operability confusion
Anticipated Major Challenges

IPRO Day

Group Member

Photosynth PC/LCD

Bridge Design Slideshow on 42 inch 1080p LCD

College Drawings

Engineering Documents

Large Mac
Any Questions?