HARDING BAND BUILDING
1103 SOUTH SIXTH STREET
CHAMPAIGN, ILLINOIS 61820

SYSTEM CONDITION INDEX | BUILDING SYSTEM REPLACEMENT COST | BUILDING GROSS SQUARE FEET | NUMBER OF BUILDING STORIES | ORIGINAL YEAR OF CONSTRUCTION
--- | --- | --- | --- | ---
.810 | $1,831,000 | 27,840 | 2 | 1957

PRIMARY BUILDING USE: CLASSROOMS / LIBRARY
BUILDING SURVEY DATE: 6/6/2013
BUILDING SURVEY TEAM: CCJM: Josh Polasky (M), Stanley Panek (E)

<table>
<thead>
<tr>
<th>TRADE</th>
<th>POOR ($) (1-5 YEARS)</th>
<th>FAIR ($) (5-10 YEARS)</th>
<th>GOOD ($) (10-20 YEARS)</th>
<th>EXCELLENT ($) (20+ YEARS)</th>
<th>TOTAL ($)</th>
<th>$/GSF</th>
<th>PERCENT OF BUILDING TOTAL (%)</th>
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<td><strong>53,100</strong></td>
<td><strong>295,100</strong></td>
<td></td>
<td><strong>1,831,000</strong></td>
<td><strong>65.77</strong></td>
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% OF TOTAL

- MECHANICAL: 81.0
- PLUMBING: 2.9
- FIRE PROTECTION: 16.1

CRITICAL ITEM REMEDIATION COST: $53,500
REFER TO CRITICAL ITEM SUMMARY ON FOLLOWING PAGE.

NOTE: Cost Estimates are Construction Costs are in 2013 dollars to Replace in Kind unless otherwise noted.
# Harding Band Building Critical Issues Summary

**Electrical**

<table>
<thead>
<tr>
<th>Condition</th>
<th>Repair Cost</th>
<th>Replacement Cost</th>
<th>Repair/Replacement %</th>
<th>Remaining Life</th>
<th>Repair or Replace</th>
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<td>Emergency Power</td>
<td>$53,500</td>
<td>$53,500</td>
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<td>Replace</td>
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**Code Related Items Cost**

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**Harding Band Building Critical Issues Cost**

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<th>53,500</th>
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Note: Cost estimates are construction costs in 2013 dollars to remediate noted issue.

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## Mechanical Discipline Replacement Cost Summary

**Chilled Water System**

<table>
<thead>
<tr>
<th>System/Component</th>
<th>Expected Remaining Service Life</th>
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</thead>
<tbody>
<tr>
<td>Poor (1-5 Years)</td>
<td>Fair (5-10 Years)</td>
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<tr>
<td>Chilled Water System</td>
<td>$242,800</td>
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**Steam and Condensate System**

<table>
<thead>
<tr>
<th>System/Component</th>
<th>Expected Remaining Service Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poor (1-5 Years)</td>
<td>Fair (5-10 Years)</td>
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<tr>
<td>Steam and Condensate System</td>
<td>$125,300</td>
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**Supply Air System**

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<th>System/Component</th>
<th>Expected Remaining Service Life</th>
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</thead>
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<tr>
<td>Poor (1-5 Years)</td>
<td>Fair (5-10 Years)</td>
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<tr>
<td>Ventilation System</td>
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**HVAC Controls System**

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<th>Expected Remaining Service Life</th>
</tr>
</thead>
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<td>Poor (1-5 Years)</td>
<td>Fair (5-10 Years)</td>
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<td>HVAC Controls</td>
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**Mechanical Total**

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<th>733,600</th>
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UIUC/UIS MEP Condition Assessment
UIUC Project Number U12151
Cannon Design Project Number 4009.01

HARDING BAND BUILDING
0004 - PAGE 2
### Chilled Water System Assessment Data

<table>
<thead>
<tr>
<th>Item ID</th>
<th>303230</th>
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<tbody>
<tr>
<td>Description</td>
<td>A chiller serves building (1964, poor condition) AHUs. It has been overhauled in the last 5 years and has a new McQuay control panel installed. Building chilled water piping is from 1964 (poor condition). A condensing unit (poor condition) on roof serves chiller. Campus chilled water is piped to the building and capped. 2 CW pumps are Bell &amp; Gossett, 260 gpm each.</td>
</tr>
<tr>
<td>Date Installed</td>
<td>1/1/1964</td>
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<tr>
<td>Overall Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Remaining Useful Life</td>
<td>Exceeded Nominal Useful Life: 30 Years</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Remove chiller and add building to campus chilled water loop. The campus chilled water pipe is capped in Room #173 right next to the chiller and pumps; connecting the building will be relatively easy. This could result in significant cost savings given the age of the chiller.</td>
</tr>
<tr>
<td>Replacement Cost</td>
<td>$242,800</td>
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<tr>
<td>Item ID</td>
<td>303241</td>
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<tr>
<td>--------------</td>
<td>--------</td>
</tr>
<tr>
<td>Description</td>
<td>Campus steam serves perimeter radiation, AHUs, and domestic hot water. Piping is original to building and in poor condition.</td>
</tr>
<tr>
<td>Overall Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Date Installed</td>
<td>1/1/1957</td>
</tr>
<tr>
<td>Remaining Useful Life</td>
<td>Exceeded Nominal Useful Life: 30 Years</td>
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<tr>
<td>Replacement Cost</td>
<td>$125,300</td>
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</tbody>
</table>
Steam Piping Entering Building

Condensate Pump

Typical Radiator

Radiator
**Description**
Ductwork is original (1957) and interior lined. 3 constant-volume AHUs serve the building (AHU1 – AHU3). AHUs are American Blower and original to building (1957). Each AHU has exhaust fan serving as return fan (E1 – E3).

Rooms 236, 238, 240, 250, and 256 serve as archive and museum storage and have their own specialized HVAC system with humidity control (2 years old, good to excellent condition). This area totals approximately 1100 sq/ft.

**Overall Condition**
Poor

**Date Installed**
1/1/1957

**Remaining Useful Life**
Exceeded  Nominal Useful Life: 30 Years

**Manufacturer**
American Blower Co.

**Recommendation**
- Check ductwork and AHUs for source of musty smell.
- Install humidity control system.
- Check motor/belt alignment on AHUs

**Replacement Cost**
$333,000

**Comments**
Staff notes that motor/belt alignment is a problem on some fans and creates unnecessary noise.

**Critical Issues**
- Building has strong musty smell, especially on first floor.
- Staff reports severe humidity control issues, which negatively effects storage of band instruments.
<table>
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<tr>
<th>Item ID</th>
<th>303236</th>
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<tbody>
<tr>
<td>Description</td>
<td>A Quincy pneumatic compressor system serves most controls in building (2 HP compressor). Compressor looks to be from late 90s, fair condition. Staff notes lines could be from 70s (poor condition). Chiller was recently furbished with a Siemens control system (good condition).</td>
</tr>
<tr>
<td>Overall Condition</td>
<td>Poor</td>
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<tr>
<td>Date Installed</td>
<td>1970s</td>
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<tr>
<td>Remaining Useful Life</td>
<td>Exceeded                    Nominal Useful Life: 18 Years</td>
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<tr>
<td>Manufacturer</td>
<td>Quincy</td>
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<tr>
<td>Replacement Cost</td>
<td>$32,400</td>
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<tr>
<td>SYSTEM/COMPONENT</td>
<td>EXPECTED REMAINING SERVICE LIFE</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td></td>
<td>POOR (1-5 YEARS)</td>
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<tr>
<td>Domestic Hot and Cold Water</td>
<td>120,700</td>
</tr>
<tr>
<td>Plumbing Fixtures</td>
<td></td>
</tr>
<tr>
<td>Storm and Subsoil Drainage</td>
<td>86,300</td>
</tr>
<tr>
<td><strong>PLUMBING TOTAL</strong></td>
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<td>% OF TOTAL</td>
<td>79.6</td>
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<tr>
<td>Item ID</td>
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<tr>
<td>-----------</td>
<td>-----------------</td>
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<tr>
<td>Description</td>
<td>City water serves building, piping is original and in poor condition. Domestic hot water comes from steam heat exchanger (poor condition) and is stored in an oddly large tank considering the size of the building. Two circulation pumps (fair condition) serve the domestic hot water system.</td>
</tr>
<tr>
<td>Overall Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Date Installed</td>
<td>1/1/1957</td>
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<tr>
<td>Remaining Useful Life</td>
<td>Exceeded Nominal Useful Life: 50 Years</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Check functionality of circulation pumps.</td>
</tr>
<tr>
<td>Replacement Cost</td>
<td>$120,700</td>
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<tr>
<td>Comments</td>
<td>Staff reports that bathroom sinks have hot water problems.</td>
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</table>

**DOMESTIC HOT AND COLD WATER SURVEY PHOTOGRAPHS**

- Domestic Hot Water System w/ Tank
- Domestic Hot Water Circulation Pumps
# Plumbing Fixtures Assessment Data

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<thead>
<tr>
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<tr>
<td>Description</td>
<td>Some fixtures are original (1957) but most fixtures are newer. Approximately 6-7 sinks, 5 urinals, 8-9 toilets, and 1 utility sink.</td>
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<tr>
<td>Overall Condition</td>
<td>Fair</td>
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<tr>
<td>Date Installed</td>
<td>1957 and newer</td>
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<tr>
<td>Remaining Useful Life</td>
<td>1-20 Years Nominal Useful Life: 50 Years</td>
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<td>Replacement Cost</td>
<td>$53,100</td>
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<tr>
<td>Comments</td>
<td>No problems reported.</td>
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## Plumbing Fixtures Survey Photographs

- **Typical Sinks**
- **Utility Sink in Instrument Cleaning Room**
- **Typical Toilet**
### Storm and Subsoil Drainage Assessment Data

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<thead>
<tr>
<th>Item ID</th>
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<tr>
<td>Description</td>
<td>Roof drains and a sump pump serve the building. The pump is likely original (1957) with updated motors.</td>
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<tr>
<td>Overall Condition</td>
<td>Poor</td>
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<tr>
<td>Date Installed</td>
<td>1/1/1957</td>
</tr>
<tr>
<td>Remaining Useful Life</td>
<td>Exceeded Nominal Useful Life: 50 Years</td>
</tr>
<tr>
<td>Replacement Cost</td>
<td>$86,300</td>
</tr>
<tr>
<td>Comments</td>
<td>There are roof leakage problems over Room #239A. Roof drains are old and deteriorated.</td>
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### Storm and Subsoil Drainage Survey Photographs

- **Roof Drain**
- **Sump Pump**
- **Deteriorating Roof Drain**
<table>
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<tr>
<th>SYSTEM/COMPONENT</th>
<th>POOR (1-5 YEARS)</th>
<th>FAIR (5-10 YEARS)</th>
<th>GOOD (10-20 YEARS)</th>
<th>EXCELLENT (20+ YEARS)</th>
<th>TOTAL</th>
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<td>Fire Alarm System</td>
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<td>% OF TOTAL</td>
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<td>Description</td>
<td>Addressable basic fire alarm system with pull stations, horns and strobes.</td>
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Fire Alarm Panel

Display section of FA

Gamewell interconnection box

Pull station and strobe
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<th>POOR (1-5 YEARS)</th>
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<th>GOOD (10-20 YEARS)</th>
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<td>Substation #2</td>
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</tr>
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<td>Description</td>
<td>Substation with 300 KVA transformer and (12) circuit breakers.</td>
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</tr>
<tr>
<td>Overall Condition</td>
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<td>Remaining Useful Life</td>
<td>Exceeded Nominal Useful Life: 40 Years</td>
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<td>G.E.</td>
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<tr>
<td><strong>Description</strong></td>
<td>Substation with 300 KVA transformer and (6) circuit breakers. Service for chiller, condensing units and pumps.</td>
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<td></td>
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<tr>
<td><strong>Overall Condition</strong></td>
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<td>Nominal Useful Life: 40 Years</td>
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<tr>
<td><strong>Equipment Tag</strong></td>
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<tr>
<td><strong>Manufacturer</strong></td>
<td>G.E.</td>
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<td><strong>Size/Capacity</strong></td>
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<tr>
<td><strong>Voltage</strong></td>
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<tr>
<td><strong>Recommendation</strong></td>
<td>Replacement due to age</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Replacement Cost</strong></td>
<td>$131,500</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Critical Issues</strong></td>
<td>Leaking roof creates danger condition and damage to the substation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item ID</td>
<td>303239</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>--------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>120/208 V substation installed in 1957 provides power to panelboards serving lighting and receptacle load. 480 V substation installed in 1992 serves mechanical load only.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall Condition</td>
<td>Poor</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Installed</td>
<td>1/1/1957</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remaining Useful Life</td>
<td>Exceeded Nominal Useful Life: 40 Years</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment Tag</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manufacturer</td>
<td>G.E.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model Number</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serial Number</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size/Capacity</td>
<td>200 A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HP/kW</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>120/208 A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recommendation</td>
<td>Testing and replacement of 1957 equipment.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement Cost</td>
<td>$159,000</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Critical Issues</td>
<td>-</td>
<td></td>
<td></td>
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LOW VOLTAGE DISTRIBUTION SYSTEM SURVEY PHOTOGRAPHS

1957 panelboard #1

1957 panelboard #2

1957 panelboard #3

1957 panelboard #4
<table>
<thead>
<tr>
<th>Item ID</th>
<th>303232</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Emergency panelboard connected ahead of main service switch provides emergency service for lighting.</td>
</tr>
<tr>
<td>Overall Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Date Installed</td>
<td>1/1/1957</td>
</tr>
<tr>
<td>Remaining Useful Life</td>
<td>Exceeded</td>
</tr>
<tr>
<td>Equipment Tag</td>
<td>-</td>
</tr>
<tr>
<td>Model Number</td>
<td>-</td>
</tr>
<tr>
<td>Serial Number</td>
<td>-</td>
</tr>
<tr>
<td>Size/Capacity</td>
<td>100 A</td>
</tr>
<tr>
<td>Voltage</td>
<td>120/208 A</td>
</tr>
<tr>
<td>Material</td>
<td>-</td>
</tr>
<tr>
<td>Replacement Cost</td>
<td>$53,500</td>
</tr>
<tr>
<td>Comments</td>
<td>Provide emergency power utilizing battery or generator back-up system.</td>
</tr>
<tr>
<td>Critical Issues</td>
<td>Condition critical due to source of power.</td>
</tr>
<tr>
<td>Critical Repair Estimate</td>
<td>$53,500</td>
</tr>
</tbody>
</table>
Emergency panelboard
<table>
<thead>
<tr>
<th>Item ID</th>
<th>303237</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Majority of space illuminated by fluorescent surface mounted fixtures. Ballasts and lamps were replaced in 2013. Compact fluorescent fixtures were installed in corridors within 1957 fixtures. Corridors have insufficient lighting.</td>
</tr>
<tr>
<td>Overall Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Date Installed</td>
<td>1957/1993</td>
</tr>
<tr>
<td>Remaining Useful Life</td>
<td>5 Years</td>
</tr>
<tr>
<td>Equipment Tag</td>
<td>-</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>-</td>
</tr>
<tr>
<td>Model Number</td>
<td>-</td>
</tr>
<tr>
<td>Serial Number</td>
<td>-</td>
</tr>
<tr>
<td>Size/Capacity</td>
<td>-</td>
</tr>
<tr>
<td>HP/kW</td>
<td>-</td>
</tr>
<tr>
<td>Voltage</td>
<td>120 V</td>
</tr>
<tr>
<td>Material</td>
<td>-</td>
</tr>
<tr>
<td>Recommendation</td>
<td>-</td>
</tr>
<tr>
<td>Replacement Cost</td>
<td>$165,200</td>
</tr>
<tr>
<td>Comments</td>
<td>-</td>
</tr>
<tr>
<td>Critical Issues</td>
<td>-</td>
</tr>
</tbody>
</table>
Corridor lighting

Band room lighting
<table>
<thead>
<tr>
<th><strong>EXIT SIGN SYSTEM ASSESSMENT DATA</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Item ID</strong> 303233</td>
</tr>
<tr>
<td><strong>Description</strong> LED type exit signs with battery back up</td>
</tr>
<tr>
<td><strong>Overall Condition</strong> Good</td>
</tr>
<tr>
<td><strong>Date Installed</strong> 1/1/2008</td>
</tr>
<tr>
<td><strong>Remaining Useful Life</strong> 20 Years</td>
</tr>
<tr>
<td><strong>Nominal Useful Life: 25 Years</strong></td>
</tr>
<tr>
<td><strong>Equipment Tag</strong> -</td>
</tr>
<tr>
<td><strong>Manufacturer</strong> -</td>
</tr>
<tr>
<td><strong>Model Number</strong> -</td>
</tr>
<tr>
<td><strong>Serial Number</strong> -</td>
</tr>
<tr>
<td><strong>Size/Capacity</strong> -</td>
</tr>
<tr>
<td><strong>HP/kW</strong> -</td>
</tr>
<tr>
<td><strong>Voltage</strong> 120 V</td>
</tr>
<tr>
<td><strong>Material</strong> -</td>
</tr>
<tr>
<td><strong>Recommendation</strong> -</td>
</tr>
<tr>
<td><strong>Replacement Cost</strong> $8,000</td>
</tr>
<tr>
<td><strong>Comments</strong> -</td>
</tr>
<tr>
<td><strong>Critical Issues</strong> -</td>
</tr>
</tbody>
</table>
EXIT SIGN SYSTEM SURVEY PHOTOGRAPHS

Exit at main entrance

Exit sign in corridor
<table>
<thead>
<tr>
<th>Item ID</th>
<th>303234</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Metal halide wall mounted lighting fixtures provide illumination at the building exterior.</td>
</tr>
<tr>
<td>Overall Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Date Installed</td>
<td>1/1/1975</td>
</tr>
<tr>
<td>Remaining Useful Life</td>
<td>Exceeded  Nominal Useful Life: 25 Years</td>
</tr>
<tr>
<td>Equipment Tag</td>
<td>-</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>-</td>
</tr>
<tr>
<td>Model Number</td>
<td>-</td>
</tr>
<tr>
<td>Serial Number</td>
<td>-</td>
</tr>
<tr>
<td>Size/Capacity</td>
<td>-</td>
</tr>
<tr>
<td>HP/kW</td>
<td>-</td>
</tr>
<tr>
<td>Voltage</td>
<td>208 V</td>
</tr>
<tr>
<td>Material</td>
<td>-</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Replace with more efficient light fixtures.</td>
</tr>
<tr>
<td>Replacement Cost</td>
<td>$9,800</td>
</tr>
<tr>
<td>Comments</td>
<td>-</td>
</tr>
<tr>
<td>Critical Issues</td>
<td>-</td>
</tr>
</tbody>
</table>
Front Entry – no lights

Site entry fixture

Loading dock area

Walkway between Armory building
<table>
<thead>
<tr>
<th>SYSTEM/COMPONENT</th>
<th>EXPECTED REMAINING SERVICE LIFE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>POOR (1-5 YEARS)</td>
<td>FAIR (5-10 YEARS)</td>
</tr>
<tr>
<td>DATA SYSTEM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication Infrastructure System</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voice/Data system</td>
<td>101,200</td>
<td></td>
</tr>
<tr>
<td>SECURITY ACCESS CONTROL SYSTEM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Access Control System</td>
<td>23,300</td>
<td></td>
</tr>
<tr>
<td>COMMUNICATIONS TOTAL</td>
<td>23,300</td>
<td>101,200</td>
</tr>
<tr>
<td>% OF TOTAL</td>
<td>18.7</td>
<td>81.3</td>
</tr>
<tr>
<td>Item ID</td>
<td>303618</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>----------------------</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>The building is fed with 12 strands of single mode fiber and 100 copper pairs with each pair grounded and individually protected by a fuse/surge arrestor. Fiber and copper originate from Node #2. The building IDF is located near the north stair on the first level. Fiber distributes radially from the building IDF to the hub room (telecommunication room) to within 100 meters of end-use equipment and lands at rack mounted fiber switch(es) within the hub room. The single hub room is located in room 254A on the second floor. It contains one rack with basket cable tray. There is a dedicated technology ground bar tied to the building grounding system. Cooling in the room is provided by a Liebert split cooling system. Outlet standards typically have 1°C stubbed to cable management. Standard outlet consists of two network cables and two data jacks. Station cable consists of Cat 6e (Mohawk Advancenet). The building is typically equipped with WiFi throughout (coverage not noted).</td>
<td></td>
</tr>
<tr>
<td>Overall Condition</td>
<td>Good</td>
<td></td>
</tr>
<tr>
<td>Date Installed</td>
<td>UIUC network upgrade complete (date range 2006 to 2012)</td>
<td></td>
</tr>
<tr>
<td>Remaining Useful Life</td>
<td>20 Years</td>
<td>Nominal Useful Life: 20 Years</td>
</tr>
<tr>
<td>IDF Termination Panel</td>
<td>Data Rack and Cable Tray</td>
<td>Power and Ground Bar Connection</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>Liebert Split Cooling System</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item ID</td>
<td>303238</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>Infrastructure system includes voice/data outlets at each office and classrooms. Wi-Fi antennas provide wireless connection.</td>
<td></td>
</tr>
<tr>
<td>Overall Condition</td>
<td>Good</td>
<td></td>
</tr>
<tr>
<td>Date Installed</td>
<td>1/1/2006</td>
<td></td>
</tr>
<tr>
<td>Remaining Useful Life</td>
<td>10 Years    Nominal Useful Life: 20 Years</td>
<td></td>
</tr>
<tr>
<td>Equipment Tag</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Manufacturer</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Model Number</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Serial Number</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Size/Capacity</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>HP/kW</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Recommendation</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Replacement Cost</td>
<td>$101,200</td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Critical Issues</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>
Wi Fi antenna

Typical voice/data outlet
<table>
<thead>
<tr>
<th>Item ID</th>
<th>303229</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Alarm system serving archives area connected to F E Moran security office</td>
</tr>
<tr>
<td>Overall Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Date Installed</td>
<td>1/1/1993</td>
</tr>
<tr>
<td>Remaining Useful Life</td>
<td>Exceeded Nominal Useful Life: 20 Years</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Provide system connected to campus security</td>
</tr>
<tr>
<td>Replacement Cost</td>
<td>$23,300</td>
</tr>
</tbody>
</table>

**Access Control System Survey Photographs**

Alarm system – archives storage/library
LEGACY ASSET DESCRIPTION: HARDING BAND BUILDING

The Harding Band Building contains two floors and a penthouse. The building consists of mechanical and electrical rooms, building service storage, exhibition rooms, administrative offices, research laboratories, a class laboratory, and a stacks area. The Life Safety Code classifies the building as Mixed Occupancy (part Business, part Assembly). The assembly occupancy is located on the first floor (Room 141). The Harding Band Building has a manual and automatic fire alarm system. Manual pull stations are located at all exits within all floors. The automatic fire alarm system is by audible devices and they are located in the second floor (Room 240, 250, and 256). The fire alarm control panel for the building, located on the first floor southeast vestibule (Stair 1), is an unidentifiable model. The Harding Band Building has no observable emergency lighting or emergency power systems. The Harding Band Building is a non-sprinklered building with no standpipe system. There exists no fire department connection.

OCCUPANT LOAD/EXITING

Penthouse Floor: 9 occupants; one exit required (1 exit provided); the exit width including stairs/doors provides capacity for 108 occupants. Door and stair widths are sufficient for occupants served.

Second Floor: 104 occupants; two exits required (4 exits provided); the exit width including stairs/doors provides capacity for 678 occupants. Door and stair widths are sufficient for occupants served. First Floor (LED): 239 occupants; 2 exits required (4 exits provided); 48” exit door width required (128” provided); door and corridor widths are sufficient for occupants served.
<table>
<thead>
<tr>
<th>Item ID</th>
<th>REQUIREMENT NUMBER</th>
<th>INSPECTION DATE</th>
<th>IDENTIFIED ISSUE</th>
<th>LEGACY VALUE</th>
<th>PERCENT COMPLETE</th>
<th>POOR</th>
<th>FAIR</th>
<th>CODE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>303721</td>
<td>REQ-50602</td>
<td>10/8/2002</td>
<td>Exterior Door: Install Auto Opener on Front Door</td>
<td>6,400</td>
<td>0.0</td>
<td>6,400</td>
<td></td>
<td></td>
<td>6,400</td>
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<tr>
<td>304030</td>
<td>REQ-50674</td>
<td>10/8/2002</td>
<td>ADA: Casework: Modify Service Counter Not ADAAG Compliant</td>
<td>7,200</td>
<td>0.0</td>
<td>7,200</td>
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<td>7,200</td>
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<tr>
<td>303729</td>
<td>REQ-51781</td>
<td>10/8/2002</td>
<td>ADA Handrails: Non-ADA Compliant</td>
<td>11,200</td>
<td>0.0</td>
<td>11,200</td>
<td></td>
<td></td>
<td>11,200</td>
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<tr>
<td>303724</td>
<td>REQ-51915</td>
<td>10/8/2002</td>
<td>Doors: Replace Non ADA Compliant Hardware</td>
<td>52,600</td>
<td>0.0</td>
<td>52,600</td>
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<td>52,600</td>
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<tr>
<td>303733</td>
<td>REQ-48683</td>
<td>11/13/2006</td>
<td>Ceiling - Replace Plaster - Floor 2</td>
<td>130,800</td>
<td>0.0</td>
<td>130,800</td>
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<td>130,800</td>
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<tr>
<td>303737</td>
<td>REQ-49833</td>
<td>11/13/2006</td>
<td>Interior Walls: Paint - Floor 2</td>
<td>15,500</td>
<td>100.0</td>
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<tr>
<td>303736</td>
<td>REQ-51122</td>
<td>11/13/2006</td>
<td>Interior Walls: Paint - Floor 1</td>
<td>15,500</td>
<td>0.0</td>
<td>15,500</td>
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<td>15,500</td>
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<tr>
<td>303732</td>
<td>REQ-61075</td>
<td>11/13/2006</td>
<td>Ceiling - Replace Plaster - Floor 1</td>
<td>130,800</td>
<td>0.0</td>
<td>130,800</td>
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<td></td>
<td>130,800</td>
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<tr>
<td>304029</td>
<td>REQ-61170</td>
<td>11/13/2006</td>
<td>Furnishings: Fixed Seating Aged and Worn</td>
<td>24,900</td>
<td>0.0</td>
<td>24,900</td>
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<td>24,900</td>
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<tr>
<td>303727</td>
<td>REQ-51916</td>
<td>10/8/2002</td>
<td>Interior Doors: Non-Compliant in Exit Stairwells</td>
<td>15,600</td>
<td>0.0</td>
<td>15,600</td>
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<td></td>
<td>15,600</td>
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<tr>
<td>303722</td>
<td>REQ-50450</td>
<td>11/13/2006</td>
<td>Windows: Recondition</td>
<td>103,200</td>
<td>0.0</td>
<td>103,200</td>
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<td>103,200</td>
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<tr>
<td>303730</td>
<td>REQ-50673</td>
<td>11/13/2006</td>
<td>Exterior Stairs: Investigate Structural Integrity</td>
<td>5,900</td>
<td>0.0</td>
<td>5,900</td>
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<td>5,900</td>
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<tr>
<td>303723</td>
<td>REQ-50830</td>
<td>11/13/2006</td>
<td>Roof: Replace Built-Up With EPDM</td>
<td>146,600</td>
<td>0.0</td>
<td>146,600</td>
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<td>146,600</td>
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<tr>
<td>303725</td>
<td>REQ-50904</td>
<td>11/13/2006</td>
<td>Exterior Doors: Aged</td>
<td>10,800</td>
<td>0.0</td>
<td>10,800</td>
<td></td>
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<td>10,800</td>
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<tr>
<td>303738</td>
<td>REQ-51494</td>
<td>11/15/2006</td>
<td>Elevator: Replace Passenger Hydraulic</td>
<td>157,100</td>
<td>0.0</td>
<td>157,100</td>
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<td>157,100</td>
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<tr>
<td>303734</td>
<td>REQ-52504</td>
<td>11/13/2006</td>
<td>Ceiling: Replace ACT Floor 1</td>
<td>89,200</td>
<td>0.0</td>
<td>89,200</td>
<td></td>
<td></td>
<td>89,200</td>
</tr>
<tr>
<td>303735</td>
<td>REQ-61179</td>
<td>11/13/2006</td>
<td>Ceiling: Replace ACT Floor 2</td>
<td>89,200</td>
<td>0.0</td>
<td>89,200</td>
<td></td>
<td></td>
<td>89,200</td>
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<tr>
<td>303726</td>
<td>REQ-56644</td>
<td>5/6/2005</td>
<td>Fire Barrier: Unprotected Penetrations</td>
<td>6,100</td>
<td>0.0</td>
<td>6,100</td>
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<tr>
<td>303728</td>
<td>REQ-56728</td>
<td>5/6/2005</td>
<td>Means of Egress: Stair Enclosure (Penthouse)</td>
<td>20,600</td>
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<td>20,600</td>
</tr>
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<td>303731</td>
<td>REQ-56730</td>
<td>5/6/2005</td>
<td>Means of Egress: Stair Enclosure (Building Wide)</td>
<td>51,600</td>
<td>0.0</td>
<td>51,600</td>
<td></td>
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<td>51,600</td>
</tr>
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</table>

**GENERAL LEGACY ITEMS TOTALS**

<p>| | | | | | | | | | |</p>
<table>
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<tr>
<td></td>
<td>1,090,900</td>
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<td>982,400</td>
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<td>1,075,400</td>
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**MEP LEGACY ITEMS ITEMS**

<table>
<thead>
<tr>
<th>Item ID</th>
<th>REQUIREMENT NUMBER</th>
<th>INSPECTION DATE</th>
<th>IDENTIFIED ISSUE</th>
<th>LEGACY VALUE</th>
<th>PERCENT COMPLETE</th>
<th>POOR</th>
<th>FAIR</th>
<th>CODE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>303739</td>
<td>REQ-51267</td>
<td>10/8/2002</td>
<td>ADA: Restrooms Antiquated &amp; Non ADAAG Compliant</td>
<td>90,700</td>
<td>0.0</td>
<td>90,700</td>
<td></td>
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<td>90,700</td>
</tr>
<tr>
<td>Item ID</td>
<td>REQUIREMENT NUMBER</td>
<td>INSPECTION DATE</td>
<td>IDENTIFIED ISSUE</td>
<td>LEGACY VALUE</td>
<td>PERCENT COMPLETE</td>
<td>POOR</td>
<td>FAIR</td>
<td>CODE</td>
<td>TOTAL</td>
</tr>
<tr>
<td>---------</td>
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<td></td>
<td></td>
<td>1,181,600</td>
<td>1.3</td>
<td>982,400</td>
<td>183,700</td>
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<td>1,166,100</td>
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<td></td>
<td>1,161,600</td>
<td>1.3</td>
<td>982,400</td>
<td>183,700</td>
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<td>1,166,100</td>
</tr>
</tbody>
</table>

% OF LEGACY VALUE

- Poor = VFA Priorities 1, 2, and 3; Fair – VFA Priority 4; and Code – VFA Priority 5
<table>
<thead>
<tr>
<th>Legacy Assessment Data: REQ-50602</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Inspected: 10/8/2002</td>
</tr>
<tr>
<td>Description: The front door needs an ADA auto opener and door hardware in accordance with UIUC guidelines (Accessibility / Universal Design Section B)</td>
</tr>
<tr>
<td>Requirement Category: Accessibility</td>
</tr>
<tr>
<td>Requirement Name: Exterior Door: Install Auto Opener on Front Door (Legacy)</td>
</tr>
<tr>
<td>Condition: Fair</td>
</tr>
<tr>
<td>Percent Complete: 0.0</td>
</tr>
</tbody>
</table>
| Recommendation: Install auto door opener on front door.  
A difficulty factor of 20% has been applied to represent typical costs associated with working in older buildings or confined areas, such as higher staging costs, additional demolition, addition physical and equipment resources and may not account for project specific items such as timing requirements, hidden conditions, and the organizing of multiple deficiencies corrections where issues other than costs are the prime considerations. |
| Estimated Cost: 6,448.00 Estimated Remaining Cost: 6,448.00 |

<table>
<thead>
<tr>
<th>Legacy Assessment Data: REQ-50674</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Inspected: 10/8/2002</td>
</tr>
<tr>
<td>Description: The service counter at Library 157 and Door 128 are at excessive heights and not accessible per ADAAG Section 4.</td>
</tr>
<tr>
<td>Requirement Category: Accessibility</td>
</tr>
<tr>
<td>Requirement Name: ADA: Casework: Modify Service Counter Not ADAAG Compliant (Legacy)</td>
</tr>
<tr>
<td>Condition: Fair</td>
</tr>
<tr>
<td>Percent Complete: 0.0</td>
</tr>
</tbody>
</table>
| Recommendation: Modify public area service counter for compliance to wheelchair accessibility. Loss of workspace is not anticipated at the service counters.  
A difficulty factor of 20% has been applied to represent typical costs associated with working in older buildings or confined areas, such as higher staging costs, additional demolition, addition physical and equipment resources and may not account for project specific items such as timing requirements, hidden conditions, and the organizing of multiple deficiencies corrections where issues other than costs are the prime considerations. |
| Estimated Cost: 7,234.00 Estimated Remaining Cost: 7,234.00 |
**Legacy Assessment Data:**

**Date Inspected:** 10/8/2002

**Description:**
The bathroom finishes are dated and reaching the end of their expected useful lives and should be replaced. The fixtures are old and not water saving devices. The bathroom needs new finishes and fixtures. ADAAG 4.1.3 (11) requires that if toilet facilities are provided then each common use toilet shall be wheelchair handicapped accessible. The common restrooms currently are not all handicapped accessible per UFAS, ADAAG, and State of Illinois Accessibility requirements. They must be in compliance with ADA Section 4 and 9 - 9.1.1. and Illinois Accessibility Codes.

**Requirement Category:** Accessibility

**Requirement Name:** ADA: Restrooms Antiquated & Non ADAAG Compliant (Legacy)

**Condition:** Fair

**Percent Complete:** 0.0

**Recommendation:**
Existing fixtures in these restrooms should be replaced with UFAS, ADAAG compliant sinks, blade faucets, toilets and grab bars. Architectural work includes repositioning of water closets and/or wall partitions to accommodate handicap accessibility.

**Estimated Cost:** 90,732.00

**Estimated Remaining Cost:** 90,732.00

**NEED FIXTURE COUNTS FOR RENOVATION - CURRENT NUMBERS PER BATHROOM**

**NEED FIXTURE COUNTS**
A difficulty factor of 40% has been applied to this deficiency to account for known historical data on campus mechanical installations and may not account for project specific items such as timing requirements, hidden conditions, and the organizing of multiple deficiencies corrections where issues other than costs are the prime considerations.

A difficulty factor of 20% has been applied to represent typical costs associated with working in older buildings or confined areas, such as higher staging costs, additional demolition, addition physical and equipment resources and may not account for project specific items such as timing requirements, hidden conditions, and the organizing of multiple deficiencies corrections where issues other than costs are the prime considerations.
### Legacy Assessment Data: REQ - 51781

<table>
<thead>
<tr>
<th>Date Inspected</th>
<th>10/8/2002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>The handrails in the stairways do not comply with ADA Section 4.26 Figure 39 or 4.9.4 which requires continuous railings at stairways.</td>
</tr>
<tr>
<td>Requirement Category</td>
<td>Accessibility</td>
</tr>
<tr>
<td>Requirement Name</td>
<td>ADA Handrails: Non-ADA Compliant (Legacy)</td>
</tr>
<tr>
<td>Condition</td>
<td>Fair</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>0.0</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Install handrails to comply with ADA requirements.</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>11,157.00</td>
</tr>
<tr>
<td>Estimated Remaining Cost</td>
<td>11,157.00</td>
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</table>

### Legacy Assessment Data: REQ - 51915

<table>
<thead>
<tr>
<th>Date Inspected</th>
<th>10/8/2002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Interior doors generally have knob style hardware which should be replaced with lever type hardware in accordance with ADA Section 4.26.</td>
</tr>
<tr>
<td>Requirement Category</td>
<td>Accessibility</td>
</tr>
<tr>
<td>Requirement Name</td>
<td>Doors: Replace Non ADA Compliant Hardware (Legacy)</td>
</tr>
<tr>
<td>Condition</td>
<td>Fair</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>0.0</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Replace hardware on Accessible Doors in compliance with ADAAG Section 4.13.9 Door Hardware.</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>52,611.00</td>
</tr>
<tr>
<td>Estimated Remaining Cost</td>
<td>52,611.00</td>
</tr>
<tr>
<td>Date Inspected</td>
<td>11/13/2006</td>
</tr>
<tr>
<td>----------------</td>
<td>------------</td>
</tr>
<tr>
<td>Requirement Category</td>
<td>Appearance</td>
</tr>
<tr>
<td>Requirement Name</td>
<td>Ceiling - Replace Plaster - Floor 2 (Legacy)</td>
</tr>
<tr>
<td>Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>0.0</td>
</tr>
<tr>
<td>Recommendation</td>
<td>The auditorium plaster ceiling is original and stained from previous and current water leaks. Replacement is warranted.</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>130,782.00</td>
</tr>
<tr>
<td>Action Date</td>
<td>11/13/2011</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Date Inspected</th>
<th>11/13/2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requirement Category</td>
<td>Appearance</td>
</tr>
<tr>
<td>Requirement Name</td>
<td>Interior Walls: Paint - Floor 2 (Legacy)</td>
</tr>
<tr>
<td>Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>100.0</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Scrape, prep and repaint surfaces.</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>15,483.00</td>
</tr>
<tr>
<td>Action Date</td>
<td>11/13/2011</td>
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<tr>
<td>Legacy Assessment Data: REQ-51122</td>
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<tr>
<td><strong>Date Inspected</strong></td>
<td>11/13/2006</td>
</tr>
<tr>
<td><strong>Description</strong></td>
<td>Most of the interior walls and doors need painting.</td>
</tr>
<tr>
<td><strong>Requirement Category</strong></td>
<td>Appearance</td>
</tr>
<tr>
<td><strong>Requirement Name</strong></td>
<td>Interior Walls: Paint - Floor 1 (Legacy)</td>
</tr>
<tr>
<td><strong>Condition</strong></td>
<td>Poor</td>
</tr>
<tr>
<td><strong>Percent Complete</strong></td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Recommendation</strong></td>
<td>Scrape, prep and repaint surfaces.</td>
</tr>
<tr>
<td><strong>Estimated Cost</strong></td>
<td>15,483.00</td>
</tr>
<tr>
<td><strong>Estimated Remaining Cost</strong></td>
<td>15,483.00</td>
</tr>
<tr>
<td><strong>Action Date</strong></td>
<td>11/13/2011</td>
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<table>
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<th>Legacy Assessment Data: REQ-61075</th>
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<tbody>
<tr>
<td><strong>Date Inspected</strong></td>
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<td><strong>Requirement Category</strong></td>
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<tr>
<td><strong>Requirement Name</strong></td>
</tr>
<tr>
<td><strong>Condition</strong></td>
</tr>
<tr>
<td><strong>Percent Complete</strong></td>
</tr>
<tr>
<td><strong>Recommendation</strong></td>
</tr>
<tr>
<td><strong>Estimated Cost</strong></td>
</tr>
<tr>
<td><strong>Estimated Remaining Cost</strong></td>
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<td><strong>Action Date</strong></td>
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### Legacy Assessment Data: REQ-61170

<table>
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<tr>
<th>Date Inspected</th>
<th>11/13/2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>The fixed theater seating appears to be original to the building and beyond its rated life. Replacement is warranted.</td>
</tr>
<tr>
<td>Requirement Category</td>
<td>Beyond Useful Life</td>
</tr>
<tr>
<td>Requirement Name</td>
<td>Furnishings: Fixed Seating Aged and Worn (Legacy)</td>
</tr>
<tr>
<td>Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>0.0</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Replace the fixed theater seating.</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>24,856.00 Estimated Remaining Cost: 24,856.00</td>
</tr>
<tr>
<td>Action Date</td>
<td>11/13/2011</td>
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### Legacy Assessment Data: REQ-51916

<table>
<thead>
<tr>
<th>Date Inspected</th>
<th>10/8/2002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>To maintain the one-hour required exit stairway requirements (BOCA 1014.11, 717.1.2, Table 717.1and Table 602) doors in stairwells will need to be of one hour fire-resistive construction. Doors need to be identified in accordance with NFPA 80, Standard for Fire Doors and Fire Windows, sections 1-6 and 2-3, and BOCA 2406.1.1</td>
</tr>
<tr>
<td>Requirement Category</td>
<td>Building Code</td>
</tr>
<tr>
<td>Requirement Name</td>
<td>Interior Doors: Non-Compliant in Exit Stairwells (Legacy)</td>
</tr>
<tr>
<td>Condition</td>
<td>Fair</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>0.0</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Replace doors as indicated to maintain fire resistive construction in the exit access stairwells. The following doors need replacement: 139, 169, 126 (2), 158 (2), 226, 258, 301. A difficulty factor of 20% has been applied to represent typical costs associated with working in older buildings or confined areas, such as higher staging costs, additional demolition, addition physical and equipment resources and may not account for project specific items such as timing requirements, hidden conditions, and the organizing of multiple deficiencies corrections where issues other than costs are the prime considerations.</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>15,564.00 Estimated Remaining Cost: 15,564.00</td>
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### Legacy Assessment Data: REQ-50450

<table>
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<tr>
<th>Date Inspected</th>
<th>11/13/2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>The windows are operable double hung, wood framed with single glazed, non-insulating glass. These units are in fair condition due to age, deteriorated sealant and glazing compound, some water infiltration, and peeling paint. Many of the windows reportedly leak air and water and exhibit frame deteriorations. Replacement of the windows would detrimentally affect the appearance of the building if new modern windows were installed. The windows and transoms should be scraped, reglazed as necessary and repainted.</td>
</tr>
<tr>
<td>Requirement Category</td>
<td>Integrity</td>
</tr>
<tr>
<td>Requirement Name</td>
<td>Windows: Recondition (Legacy)</td>
</tr>
<tr>
<td>Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>0.0</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Recondition existing windows frames and glazing. Allowance for damaged trim and sashes.</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>103,250.00</td>
</tr>
<tr>
<td>Estimated Remaining Cost</td>
<td>103,250.00</td>
</tr>
<tr>
<td>Action Date</td>
<td>11/13/2011</td>
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### Legacy Assessment Data: REQ-50673

<table>
<thead>
<tr>
<th>Date Inspected</th>
<th>11/13/2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>There are cracks, spalling and settlement at the main entrance stairs. It appears these cracks and settlement of the stairs and adjoining concrete aprons may be indicate of underlying problems. The concrete is chipped and pockmarked and repairs have already been made that are beginning to fail. The concrete aprons between stairs has settled unevenly and is not level. The pitch appears to be toward the middle and may allow water to collect and seep into the underlying base possibly eroding it away.</td>
</tr>
<tr>
<td>Requirement Category</td>
<td>Integrity</td>
</tr>
<tr>
<td>Requirement Name</td>
<td>Exterior Stairs: Investigate Structural Integrity (Legacy)</td>
</tr>
<tr>
<td>Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>0.0</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Investigate structural integrity of front stairs and aprons.</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>5,887.00</td>
</tr>
<tr>
<td>Estimated Remaining Cost</td>
<td>5,887.00</td>
</tr>
<tr>
<td>Action Date</td>
<td>11/13/2009</td>
</tr>
<tr>
<td>Description</td>
<td>Roofs A, B, D, E, and F are leaking aged and need replacement. Leaks were visible in the auditorium over the fixed seating.</td>
</tr>
<tr>
<td>Requirement Category</td>
<td>Integrity</td>
</tr>
<tr>
<td>Requirement Name</td>
<td>Roof: Replace Built-Up With EPDM (Legacy)</td>
</tr>
<tr>
<td>Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>0.0</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Replace Sections A and B existing built-up roof. Although assessment criteria calls for replacement in kind there are buildings with newer roofs that are EPDM that were formerly BUR. In addition, site staff indicated the built up roof over the Peabody dorm building is to be replaced with an EPDM roofing system. There are therefore, clear indications the university intends to replace built-up roofs with EPDM roofing systems.</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>146,602.00</td>
</tr>
<tr>
<td>Estimated Remaining Cost</td>
<td>146,602.00</td>
</tr>
<tr>
<td>Action Date</td>
<td>11/13/2007</td>
</tr>
</tbody>
</table>

<p>| Description | The exterior door at the front (2) and rear (1) elevation show signs of extreme wear and tear. These units have exceeded their design life expectancy and should be replaced. |
| Requirement Category | Integrity |
| Requirement Name | Exterior Doors: Aged (Legacy) |
| Condition | Poor |
| Percent Complete | 0.0 |
| Recommendation | Replace the exterior doors (hardware, frames weatherstripping, etc.) at the indicated location. |
| Estimated Cost | 10,799.00 |
| Estimated Remaining Cost | 10,799.00 |
| Action Date | 11/13/2007 |</p>
<table>
<thead>
<tr>
<th><strong>LEGACY ASSESSMENT DATA: REQ - 51494</strong></th>
</tr>
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<tbody>
<tr>
<td><strong>Date Inspected</strong></td>
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<tr>
<td><strong>Description</strong></td>
</tr>
<tr>
<td><strong>Requirement Category</strong></td>
</tr>
<tr>
<td><strong>Requirement Name</strong></td>
</tr>
<tr>
<td><strong>Condition</strong></td>
</tr>
<tr>
<td><strong>Percent Complete</strong></td>
</tr>
<tr>
<td><strong>Recommendation</strong></td>
</tr>
<tr>
<td><strong>Estimated Cost</strong></td>
</tr>
<tr>
<td><strong>Estimated Remaining Cost</strong></td>
</tr>
<tr>
<td><strong>Action Date</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LEGACY ASSESSMENT DATA: REQ - 52504</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Date Inspected</strong></td>
</tr>
<tr>
<td><strong>Description</strong></td>
</tr>
<tr>
<td><strong>Requirement Category</strong></td>
</tr>
<tr>
<td><strong>Requirement Name</strong></td>
</tr>
<tr>
<td><strong>Condition</strong></td>
</tr>
<tr>
<td><strong>Percent Complete</strong></td>
</tr>
<tr>
<td><strong>Recommendation</strong></td>
</tr>
<tr>
<td><strong>Estimated Cost</strong></td>
</tr>
<tr>
<td><strong>Estimated Remaining Cost</strong></td>
</tr>
<tr>
<td><strong>Action Date</strong></td>
</tr>
</tbody>
</table>
### Legacy Assessment Data: REQ-61179

<table>
<thead>
<tr>
<th>Date Inspected</th>
<th>11/13/2006</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>The acoustical tile ceiling in the corridor 235 is stained from the continual roof leaks in this area. In addition, in the east stairwell the ACT ceiling panels are beginning to bow.</td>
</tr>
<tr>
<td><strong>Requirement Category</strong></td>
<td>Integrity</td>
</tr>
<tr>
<td><strong>Requirement Name</strong></td>
<td>Ceiling: Replace ACT Floor 2 (Legacy)</td>
</tr>
<tr>
<td><strong>Condition</strong></td>
<td>Poor</td>
</tr>
<tr>
<td><strong>Percent Complete</strong></td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Recommendation</strong></td>
<td>Replace acoustical tile ceilings at indicated locations. The suspension system in the stairwell is reusable.</td>
</tr>
<tr>
<td><strong>Estimated Cost</strong></td>
<td>89,229.00</td>
</tr>
<tr>
<td><strong>Estimated Remaining Cost</strong></td>
<td>89,229.00</td>
</tr>
<tr>
<td><strong>Action Date</strong></td>
<td>11/13/2011</td>
</tr>
</tbody>
</table>

### Legacy Assessment Data: REQ-56644

<table>
<thead>
<tr>
<th>Date Inspected</th>
<th>5/6/2005</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>There exists ductwork, conduit, pipes, and similar building service equipment, without fire protection, penetrating a fire barrier. This occurs in the following areas: Second Floor - Room 229; First Floor - Room 135. This is not compliant with NFPA 101 Section 8.2.3.2.4.2</td>
</tr>
<tr>
<td><strong>Requirement Category</strong></td>
<td>Life Safety</td>
</tr>
<tr>
<td><strong>Requirement Name</strong></td>
<td>Fire Barrier: Unprotected Penetrations (Legacy)</td>
</tr>
<tr>
<td><strong>Condition</strong></td>
<td>Poor</td>
</tr>
<tr>
<td><strong>Percent Complete</strong></td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Recommendation</strong></td>
<td>Seal openings with approved through-penetration firestopping system. Adjustment factor of 2.0 used to account for additional costs typically associated with retrofit work, working with existing construction, limited-access conditions, and/or smaller size jobs (less than $5,000).</td>
</tr>
<tr>
<td><strong>Estimated Cost</strong></td>
<td>6,130.00</td>
</tr>
<tr>
<td><strong>Estimated Remaining Cost</strong></td>
<td>6,130.00</td>
</tr>
<tr>
<td><strong>Action Date</strong></td>
<td>5/6/2006</td>
</tr>
<tr>
<td>Date Inspected</td>
<td>5/6/2005</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Description</td>
<td>There a required exit stair, Stair 4, that is unenclosed and does not provide a continuous protected path of travel to the exit discharge. This is not compliant with NFPA 101 Section 7.2.2.5.1.</td>
</tr>
<tr>
<td>Requirement Category</td>
<td>Life Safety</td>
</tr>
<tr>
<td>Requirement Name</td>
<td>Means of Egress: Stair Enclosure (Penthouse) (Legacy)</td>
</tr>
<tr>
<td>Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>0.0</td>
</tr>
<tr>
<td>Recommendation</td>
<td>Install one new 6'x7', 1-hour fire rated door assembly with electronic door closers in Corridor 235 between Room 229 and the upper level of 141. Remove door assemblies to Room 239, 237, 233, and 231 and install one new 3'x7', 1-hour fire rated door assembly with closers. Install exit signage directing occupants to Corridor 231 and south exit discharge. Adjustment factor of 1.2 used to account for additional costs typically associated with retrofit work, and/or working with existing construction.</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>20,636.00</td>
</tr>
<tr>
<td>Estimated Remaining Cost:</td>
<td>20,636.00</td>
</tr>
<tr>
<td>Action Date</td>
<td>5/6/2006</td>
</tr>
<tr>
<td>Date Inspected</td>
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<tr>
<td>---------------------</td>
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</tr>
<tr>
<td><strong>Description</strong></td>
<td>There exists unenclosed stairs, Stair 1, 2, and 3, that discharge into the level of exit discharge. These stairs are unenclosed because the stair exit doors have damaged self-closers, are unable to latch, and have exceeded their useful life. This is not compliant with NFPA 101 Section 7.1.3.2.2.</td>
</tr>
<tr>
<td>Requirement Category</td>
<td>Life Safety</td>
</tr>
<tr>
<td>Requirement Name</td>
<td>Means of Egress: Stair Enclosure (Building Wide) (Legacy)</td>
</tr>
<tr>
<td>Condition</td>
<td>Poor</td>
</tr>
<tr>
<td>Percent Complete</td>
<td>0.0</td>
</tr>
<tr>
<td><strong>Recommendation</strong></td>
<td>Stair 1: Second Floor - Install one new 1-1/2 hour fire rated door assembly in Stair 1 and remove existing door assembly. First Floor - Install one new 1-1/2 hour fire rated door assembly in Stair 1 and remove existing door assembly.</td>
</tr>
<tr>
<td></td>
<td>Stair 2: Second Floor - Install one new 1-1/2 hour fire rated door assembly in Stair 2 and remove existing door assembly. First Floor - Install one new 1-1/2 hour fire rated door assembly in Stair 2 and remove existing door assembly.</td>
</tr>
<tr>
<td></td>
<td>Stair 3: Second Floor - Install one new 1-1/2 hour fire rated door assembly in Stair 3 and remove existing door assembly.</td>
</tr>
<tr>
<td>Adjustment factor of 1.6 used to account for additional costs typically associated with retrofit work, working with existing construction, and significant unknowns/variables due to complexity.</td>
<td></td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>51,643.00</td>
</tr>
<tr>
<td>Estimated Remaining Cost: 51,643.00</td>
<td></td>
</tr>
<tr>
<td>Action Date</td>
<td>5/6/2006</td>
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</tbody>
</table>