COMPREHENSIVE ASSET MANAGEMENT
SITE & BUILDING PLANS
CONDITION ASSESSMENT

BUILDING MANAGEMENT SYSTEMS
MAINTENANCE TRACKING
WORK ORDERS
BUILDING DESIGN
known: # of doors, component types, interior finishes, mechanical units, etc.

CADD
maintenance???
how many???
location???
how old???

OPERATIONS AND MAINTENANCE
cost to maintain?
cost to regular update?

WEB
Product Catalog
Series R™ Helical Rotary Liquid Chillers
70-250 Tons Model RTW2 Water-Cooled
70-200 Tons Model RTUD Condensers
Made in USA
Alignment with State
Occupancy
Programmatic
Work Order K2013_CP040
DUE July 7, 2013

Work Order: K2013_CP040
Site: Kentfield  Bldg: ScienceMath  Rm: CP.112

Report: Replace Fan Belt
Assigned to: Nancy Fixit
Urgency: Preventative Maintenance
Due: July 7, 2013

☑ Completed ____________
Time to complete: ____________
Parts: Filter Type S142xm44 from stock
Site/Infrastructure

Topography
Flood Plane
Seismic Fault
Utility/Infrastructure
Buildings
Parking
Roadways
Site Attributes

Google Earth
Work Orders and Key Requests

Customizable Processing

Entry and Tracking

Work Order Location, Aging Reports

Old Work Orders can be Linked
Scheduled Maintenance and Costing
Scheduled Maintenance and Costing

Maintenance Tasks

Square Ftge  Space  Rm#  Material $$$  Labor $$$
The following data has been generated for the College of Marin by STV Inc., based on industry standards provided by Whitestone Research for the San Francisco Area.

### Building Report

<table>
<thead>
<tr>
<th>Building Report</th>
<th>Report Date</th>
<th>Yearly Cost / SF</th>
<th>Estimated Annualized Cost</th>
<th>Weekly Custodial Hours</th>
<th>Total Yearly Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total SF</td>
<td>05/08/2013</td>
<td>$62,405.97</td>
<td>$0.00</td>
<td>40</td>
<td>$62,405.98</td>
</tr>
</tbody>
</table>

### Room Name

<table>
<thead>
<tr>
<th>Room Name</th>
<th>Number</th>
<th>Sq Ft</th>
<th>Labor/yr</th>
<th>Mats/yr</th>
<th>EAC</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Office</td>
<td>LC35</td>
<td>1027.85 sf</td>
<td>$756.31</td>
<td>$97.9</td>
<td>0.74</td>
<td>Lobby</td>
</tr>
<tr>
<td>Classroom</td>
<td>LC36</td>
<td>400 sf</td>
<td>$184.49</td>
<td>$23.94</td>
<td>0</td>
<td>$208.43</td>
</tr>
<tr>
<td>Classroom</td>
<td>LC38</td>
<td>779 sf</td>
<td>$359.29</td>
<td>$46.62</td>
<td>0</td>
<td>$405.91</td>
</tr>
<tr>
<td>Classroom</td>
<td>LC39</td>
<td>779 sf</td>
<td>$359.29</td>
<td>$46.62</td>
<td>0</td>
<td>$405.91</td>
</tr>
<tr>
<td>Office</td>
<td>LC40</td>
<td>185.63 sf</td>
<td>$146.49</td>
<td>$18.96</td>
<td>0</td>
<td>$165.45</td>
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<tr>
<td>Lobby</td>
<td>LC45</td>
<td>1849.26 sf</td>
<td>$238.14</td>
<td>$291.52</td>
<td>0</td>
<td>$2539.66</td>
</tr>
<tr>
<td>Storage</td>
<td>LC47</td>
<td>369.42 sf</td>
<td>$14.77</td>
<td>$1.96</td>
<td>0</td>
<td>$16.73</td>
</tr>
<tr>
<td>A/V, Radio, TV Service</td>
<td>LC50</td>
<td>134.13 sf</td>
<td>$61.86</td>
<td>$8.03</td>
<td>0.49</td>
<td>$69.89</td>
</tr>
</tbody>
</table>
College of Marin Asset Preservation Planning/Onuma Integration Schedule (Draft)

June  | July | August | September | October | November | December | January | February | March | April

1-48  | FUSION Data in BIM Models - Linked to FUSION Database
1-48  | Space Inventory (CCCCO compliant - meets October deadline requirements)
1-48  | Interior Finishes and Exterior Materials
2-14  | Building Preventative Maintenance Identification, Interior Finishes and Roofing
2-14  | Building Mechanical Systems
2-14  | Mechanical System Preventative Maintenance Identification
2-14  | To Connect to BMS System
3-14  | Work Order System
3-14  | District Scans Using Cytoscape Data Capture
3-14  | District Training (Tr = Training, D = Data Deadline)

Schedule Overview

Project Initiation/Modeling: July 2013
Space Inventory: October 2013
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