Welcome CHES Delegates

AHS Record Drawings:
Where We Are and
Where We Want To Go
Where We Are: What We Do

Design & Technical Services

\[
\text{Advice}
\]

\[\text{Records}
\]

\[\text{Drawings}
\]
Where We Are: *What We Do*

Construct ↔ Draw ↔ Design ↔ Plan
Where We Are: *What We Do* *(building life cycle)*

- Plan
- Design
- Draw
- Construct
- Occuropy
- Use & Maintain 50+ Years
- Demolish
Where We Are: **What We Do** *(Hospital lifecycle)*

Use & Maintain 50+ Years

Occupied

Construct

Plan

Draw

Design

Demolish
Where We Are: A Brief History

- Spring 2009 – D&TS created as part of the Planning Group
- Fall 2010 – D&TS joins Project Management
- To Date - D&TS initial staffing, duties and activities
Where We Are: Who & Where We Are

EDMONTON & NORTH
- Terry Tuepah, Director
- Stuart Tims, Designer
- Mark O’Brien, Technologist
- Chris Waterton, Technologist
- Technologist (vacant)
- QS (vacant)

Central
- Alanna Huber, Designer
- Tanya Chiasson, Technologist
- Karlee Hohn, Technologist

South
- Ric Johnston, Designer
- Technologist (vacant)

Calgary
- Tracie Filuk, LTR
- Amy McWilliams, Designer
- Hanako Niska, Technologist
- Roberta Giesbrecht, Technologist
- Technologist (vacant)
Where We Are: Our Focus to date & today

- Use & Maintain 50+ Years
- Construct
- Draw
- Design
- Plan
- To Date
- Today
- Demolish
- Occur

Technical Records
- As-Built Drawings
- AHS Record Drawings
Where We Are: (and a start to where we are going)

Technical Records
Approach and Structure
Based on Calgary

With special thanks to
Diana Smith
Where We Are: (a start to where we are going)

As-Built Drawings

AHS Record Drawings

www.albertahealthservices.ca
Where We Are: *(a start to where we are going)*

Framework & Attributes:
- **Areas**
- **Room Name**
- **Room**
- **Use**
- **Other**

AHS Record Drawings and Computer Aided Facility Management (CAFM)
Where We Are: *(CAFM; where we want to stay & go)*

### Work Order Code:
2000081060

### Paper Ref #:

<table>
<thead>
<tr>
<th>Work Request Code</th>
<th>Building Code</th>
<th>Work Request Status</th>
<th>Date Work Completed</th>
<th>Work Request Priority</th>
<th>Date Finished</th>
<th>Actual Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>100079603</td>
<td>HW 07</td>
<td>Issued and In Process</td>
<td></td>
<td>Immediate</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Work Description:**
TOP HINGE DOOR IS BROKEN.

**Craftsperson Code:**

<table>
<thead>
<tr>
<th>Date Crafts Assigned</th>
<th>Estim Hours</th>
<th>Date Finished</th>
<th>Actual Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-10-29</td>
<td>0.00</td>
<td>0.00</td>
<td></td>
</tr>
</tbody>
</table>
## Records for Work Request Code: 99094012

<table>
<thead>
<tr>
<th>Work Request Code:</th>
<th>99094012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work Request Status:</td>
<td>Issued and In Process</td>
</tr>
<tr>
<td>Cause Code:</td>
<td></td>
</tr>
<tr>
<td>Repair Type:</td>
<td>PREVENTIVE MAINT</td>
</tr>
<tr>
<td>Problem Type:</td>
<td></td>
</tr>
<tr>
<td>Problem Location:</td>
<td></td>
</tr>
<tr>
<td>Date Work Requested:</td>
<td>2001-01-02</td>
</tr>
<tr>
<td>Time Work Requested:</td>
<td>09:01:59pm</td>
</tr>
<tr>
<td>Date to Perform:</td>
<td>2001-01-07</td>
</tr>
<tr>
<td>TO DO FLAG:</td>
<td></td>
</tr>
<tr>
<td>TO DO START DATE:</td>
<td></td>
</tr>
<tr>
<td>TO DO START TIME:</td>
<td></td>
</tr>
<tr>
<td>TO DO END DATE:</td>
<td></td>
</tr>
<tr>
<td>TO DO END TIME:</td>
<td></td>
</tr>
<tr>
<td>Date Work Completed:</td>
<td></td>
</tr>
<tr>
<td>Time Work Completed:</td>
<td></td>
</tr>
<tr>
<td>Date of Est. Completion:</td>
<td></td>
</tr>
<tr>
<td>Time to Perform Work:</td>
<td>12:00:00am</td>
</tr>
<tr>
<td>Equipment Code:</td>
<td>825496</td>
</tr>
<tr>
<td>Other Costs Description:</td>
<td></td>
</tr>
<tr>
<td>INSTRUCTIONS:</td>
<td></td>
</tr>
<tr>
<td>Work Description:</td>
<td>Generic PM Procedure for Phototherapy Units</td>
</tr>
<tr>
<td></td>
<td>1. No PM Procedure currently exists in ARCHI/BUS for this equipment</td>
</tr>
<tr>
<td></td>
<td>2. Perform PM Procedure as per normal practise</td>
</tr>
<tr>
<td></td>
<td>3. Document PM Procedure and submit to Dave Edmonds</td>
</tr>
</tbody>
</table>

## Financials: By Specific Work Request

- **Financials:**
  - **Estimated Straight Cost:** 0.00
  - **Estimated Overtime Cost:** 0.00
  - **Estimated Double Time Cost:** 0.00
  - **Estimated Cost of Labor:** $0.00
  - **Estimated Labor Hours:** 0.00
  - **Cost Straight:** 20.00
  - **Cost Overtime:** 0.00
  - **Cost Double Time:** 0.00
  - **Cost of Labor:** $20.00
  - **Actual Labor Hours:** 0.50
  - **Estimated Cost of Parts:** $0.00
  - **Cost of Parts:** $0.00
  - **Estimated Cost of Tools:** $0.00
  - **Cost of Tools:** $0.00
  - **Estimated Other Costs:** $0.00
  - **Other Costs:** $0.00
  - **Total Cost:** $20.00
  - **Estimated Total Cost:** $0.00
  - **Fixed Price:** N
  - **Signature Graphic File:**
Where We Are: *(CAFМ; where we want to stay & go)*

**Status of Specific Work Request**

---

**Records for Work Request Status: On Hold for Access**

**Records for Date to Perform: 2004-07-26**

- **Work Request Code:** 00400716
- **Paper Reference:** AUTO GENERATED
- **Requested by:**
- **Work Request Priority:** 4 Weeks
- **Equipment Code:** 874431
- **Field Name:**
- **Equipment Standard:** 12836-WA-52000
- **Equipment Description:** Monitors, Vital Signs
- **Manufacturer:** Welch Allyn
- **Model Number:** 52000
- **Serial Number:** 20004304
- **Equipment Use:**

**Work Description:**

1. Physical Checks
2. Operational Tests
3. Static Pressures
4. Dynamic Pressures
5. Pulse Accuracy
6. Saturation
7. Other Tests
8. Electrical Safety

**Craftsperson Notes:**

<table>
<thead>
<tr>
<th>Craftsperson Code</th>
<th>Date Craftsperson Assigned</th>
<th>Date Finished</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIEN C</td>
<td>2004-07-13</td>
<td></td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Task Category:** Dynamic Pressures

**Task Question:** Manual

**Result:**

**Equipment Code:** 874431

**Pass/Fail:**

**UOM ID:**

**MFR MIN:**

**MFR Test Value:**

**Has Notes?:**
### Equipment by Standard

**Page 8**

**2010-10-29**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>800171</td>
<td>MAIN</td>
<td>09</td>
<td>C912</td>
<td>ANAES</td>
<td></td>
<td>7143550001</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>800172</td>
<td>MAIN</td>
<td>07</td>
<td>C732</td>
<td>ANAES</td>
<td></td>
<td>7143550001</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>800173</td>
<td>MAIN</td>
<td>07</td>
<td>C721</td>
<td>ANAES</td>
<td></td>
<td>7143550001</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>801633</td>
<td>SSB</td>
<td>B</td>
<td></td>
<td>SP-PURPOSE</td>
<td></td>
<td>1113550022</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>810676</td>
<td>MAIN</td>
<td>M</td>
<td>C108</td>
<td>ANAES</td>
<td></td>
<td>7143550001</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>866686</td>
<td>MAIN</td>
<td>M</td>
<td>C112</td>
<td>ANAES</td>
<td></td>
<td>7143550001</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>866589</td>
<td>SSB</td>
<td>B</td>
<td>ABC3351</td>
<td>ANAES</td>
<td></td>
<td>7143550001</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>867740</td>
<td>SSB</td>
<td>B</td>
<td></td>
<td>ANAES</td>
<td></td>
<td>7143550001</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>870200</td>
<td>MAIN</td>
<td>07</td>
<td>C709</td>
<td>ANAES</td>
<td></td>
<td>7143550001</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>870201</td>
<td>MAIN</td>
<td>UV</td>
<td>GY17</td>
<td>ANAES</td>
<td></td>
<td>7143550001</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>807405</td>
<td>PLC</td>
<td>02</td>
<td>2144</td>
<td>ANAES</td>
<td></td>
<td>7143550006</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>807821</td>
<td>ACH</td>
<td>02</td>
<td>2108</td>
<td>ANAES</td>
<td></td>
<td>7143550002</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>812738</td>
<td>PLC</td>
<td>02</td>
<td>2160</td>
<td>ANAES</td>
<td></td>
<td>7143550006</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>812771</td>
<td>PLC</td>
<td>02</td>
<td>2160</td>
<td>ANAES</td>
<td></td>
<td>7143550006</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>812780</td>
<td>PLC</td>
<td>02</td>
<td>2160</td>
<td>ANAES</td>
<td></td>
<td>7143550006</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>812801</td>
<td>PLC</td>
<td>02</td>
<td>2160</td>
<td>ANAES</td>
<td></td>
<td>7143550006</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>812847</td>
<td>PLC</td>
<td>02</td>
<td>2160</td>
<td>ANAES</td>
<td></td>
<td>7143550006</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>812855</td>
<td>PLC</td>
<td>02</td>
<td>2112</td>
<td>ANAES</td>
<td></td>
<td>7143550006</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>812864</td>
<td>PLC</td>
<td>02</td>
<td>2160</td>
<td>ANAES</td>
<td></td>
<td>7143550006</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
<tr>
<td>828378</td>
<td>FI</td>
<td>04</td>
<td>4E1139</td>
<td>ANAES</td>
<td></td>
<td>7143550003</td>
<td>10134-OHMD-210E</td>
<td>Cap</td>
</tr>
</tbody>
</table>

---

### Where We Are:

**CAFM; where we want to stay & go**

- **D&TS CHES Presentation**
- **2010 Clarence White Conference & Tradeshow**

**Specific Equipment**

**Work Request Status**

- **Equipment Code**
- **Building Code**
- **Floor Code**
- **Room Code**
- **Program/Service Code**
- **Manufacturer**
- **Model Number**
- **Equipment Standard**
- **Equipment Use**

---

**Capital Management**

www.albertahealthservices.ca
Where We Are:  
(CAFM; where we want to stay & go)

Records for Building Code: ACH

<table>
<thead>
<tr>
<th>Work Request Code</th>
<th>Date to Perform</th>
<th>Date of Est. Completion</th>
<th>Problem Type</th>
<th>Work Description</th>
<th>Work Request Status</th>
<th>Work Request Priority</th>
<th>Requested by</th>
</tr>
</thead>
<tbody>
<tr>
<td>99450313</td>
<td>2004-06-20</td>
<td></td>
<td>PREVENTIVE MAINT</td>
<td>Please refer to section 2 of service manual. 1. Physical checks. 2. Diagnostic checks</td>
<td>Issued and In Process</td>
<td>2 Weeks</td>
<td>AUTO GET!</td>
</tr>
<tr>
<td>99587070</td>
<td>2005-07-07</td>
<td></td>
<td>PREVENTIVE MAINT</td>
<td>Generic PM Procedure for: Oximeters Pulse. 1. No PM Procedure currently exists in ARCHIBUS for this equipment. 2. Perform PM Procedure as per normal practise. 3. Document PM Procedure and submit to Dave Edmonds.</td>
<td>On Hold for Labor</td>
<td>8 Weeks</td>
<td>AUTO GET!</td>
</tr>
</tbody>
</table>

General: By Building Work Request Status

Capital Management

www.albertahealthservices.ca
Where We Are: (Technical Records Status)

Current Key D&TS Technical Records KPIs:

Total Owned & Leased Facilities 1,163

Number of Facilities with PDFs 19 (0.17%)

Number of Facilities with As-Built Drawings (some partial) & no verified AHS Record Drawings 435 (37%)

Number of Facilities with As-Built Drawings & verified AHS Record Drawings 139 (12%)

We have “some” information on 49% of our Owned & Leased facilities
### Where We Are: Technical Records Status

| Area Service ID | Primary Region | Community | Closed Area - (Regional Health Authority, Front Counter, Hospital, Clinic, Office) | Real Estate Zone - North or South | Building Name | Address | Owner Controlled | STD BLM | STD Building BLM | Year Built | Building Area Total | Roof Material | Floor Level One | Floor Level Two | Floor Level Three | Floor Level Four | Floor Level Five | Floor Level Six | Floor Level Seven | Floor Level Eight | Floor Level Nine | Floor Level Ten |
|----------------|----------------|----------|--------------------------------------------------------------------------------|---------------------------------|---------------|---------|-----------------|---------|----------------|-----------|-------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| F.E. 1902A     | Capital        | Edmonton | East North                                                                           |                                 | Edmonton Public Health Centre | 1523 - 30 Ave | T4H 2J8         | Leased/Owned     | B217FA           | 1970       |                                 |               | 1                | 2              | 3              | 4              | 5              | 6              | 7              | 8              | 9              | 10             |
| W.E. 1334A     | Capital        | Edmonton | East North                                                                           |                                 | Edmonton Community Hospital  | 1840 - 67 Ave | T8R 4H5         | Owned            | B0256A           | 1936       | 5036              | Metal          | 2                | 1              | 2              | 3              | 4              | 5              | 6              | 7              | 8              | 9              |
| W.E. 1195A     | Capital        | Edmonton | East North                                                                           |                                 | Edmonton Community Hospital | 18940 - 67 Ave | T8R 4H5         | Owned            | B025A            | 2000       | 1,103             | Metal          | 1                | 2              | 3              | 4              | 5              | 6              | 7              | 8              | 9              |
| W.E. 1196A     | Capital        | Edmonton | East North                                                                           |                                 | Edmonton Community Hospital | 18940 - 67 Ave | T8R 4H5         | Owned            | B025A            | 1964       | 764               | Metal          | 1                | 2              | 3              | 4              | 5              | 6              | 7              | 8              | 9              |
| W.E. 1197A     | Capital        | Edmonton | East North                                                                           |                                 | Edmonton Community Hospital | 1524 - 103 Ave | T5E 9A0         | Leased/Owned     | B217FA           | 1960       |                                 |               | 1                | 2              | 3              | 4              | 5              | 6              | 7              | 8              | 9              |
| W.E. 1198A     | Capital        | Edmonton | East North                                                                           |                                 | Edmonton Community Hospital | 1524 - 103 Ave | T5E 9A0         | Leased/Owned     | B450A            | 1930       | 1364              | Metal          | 2                | 3              | 4              | 5              | 6              | 7              | 8              | 9              | 10             |
| P.E. 1333A     | Capital        | Edmonton | East North                                                                           | Psychological and Spiritual Resources | Edmonton Community Hospital | 15325 - 105 Ave | T5M 8L7         | Leased           | B217FA           | 1970       | 560               | Metal          | 1                | 2              | 3              | 4              | 5              | 6              | 7              | 8              | 9              |
| F.E. 1902A     | Capital        | Edmonton | East North                                                                           | Royal Alexandra Hospital        | Royal Alexandra Hospital  | 15325 - 105 Ave | T5M 8L7         | Leased           | B217FA           | 1970       | 560               | Metal          | 1                | 2              | 3              | 4              | 5              | 6              | 7              | 8              | 9              | 10             |

10/17/2010

www.albertahealthservices.ca
Where We Are: (Technical Records Status)

Pending New D&TS Technical Record Key Performance Indicators:

Total Confirmed & Unconfirmed

Building Gross Square Meters (BGSM) 3,141,664

Total Confirmed 1,839,525 BGSM or 58.5%

Total Unconfirmed 1,302,139 BGSM or 41.5%
Where We Are: *(Technical Records; where they are)*

**Drawings:**
AutoCAD As-Builts, AHS Architectural Record Drawings, & PDF versions of AHS Architectural Record Drawings *(except Calgary)* are available at:

Provincial Shared Drive:
Capital Management on 'NetApp Filer - JEEVES (was FMCSTRG01) (jeeves.crha-health.ab.ca)'
/ Drawings
These are **Read Only**, except for D&TS Technical Records Staff

Free Viewer **Autodesk DWG Trueview** This allows “Save As” for those with AutoCAD
Call your Help Desk or other system manager for assistance / clearance to download it.

**Update:** I have been advised by RAH - IT to hold off requesting this while they do their final security check on this. We plan to post the go-ahead the new Capital Management WEB Page

**Facilities List:**
A list of AHS owned & Leased facilities, a work in progress, is available for viewing at:
/ Design & Technical service / Technical Records / Misc. / Prov Facility Drawing and Space Inventory Current.xls
**Caution**, this list is a snap-shot. Information is updated constantly
Where We Want To Go *(Priorities)*

Complete all AHS Technical Record Drawings:
Owned and Leased
As-Builts and AHS Architectural Record

Technologist Time Allocations:

- Preparing new Technical Records Drawings *65%*
- Maintaining current Technical Record Drawings & other requests *30%*
- Assisting Designers with Scope Drawings & in-house contract drawings *5%*
Where We Want To Go (Priorities)

**General Priorities (KPIs)**
- Building Gross Areas for all Facilities
- Acute Care Facilities
  - Major Tertiary
  - Regional Hospitals
  - Other Hospitals & Health Centres
- Community Health Clinic Facilities
- Administrative Facilities
- Acute Care Support Facilities
- Continuing Care Facilities
- Parking Facilities

**“Wild Card” Priorities**
- Facilities with Projects Approved Projects
- Other Executive Priorities
Where We Want To Go *(When we grow up)*

M&E As-Built Drawings

AHS M&E Record Drawings
Where We Want To Go *(When we grow up)*

BUILDING INFORMATION MODELING EXAMPLE
Where We Have “Challenges & Opportunities”

- Emerging Priorities
- Full Staff Complement
- Terminology
- Knowing when to introduce a new service or technology
- Resources
Where We All Want To Go

Some Questions

Some Final Thoughts

And Some Lunch