### PHI Low Energy Building Verification

**Building:** Souls Harbour Rescue Mission - Samaritan Project  
**Street:**  
**Postcode/City:**  
**Province/Country:** Canada  
**Building type:** Multi-use Institutional  
**Climate data set:** CA0012b-Regina  
**Climate zone:** 2: Cold  
**Altitude of location:** 578 m  
**Home owner / Client:** Souls Harbour Rescue Mission  
**Street:**  
**Postcode/City:**  
**Province/Country:**  
**Architecture:** SEPW  
**Mechanical engineer:** Daniels Wingerak  
**Energy consultancy:** Bright Buildings  
**Certification:**  
**Street:**  
**Postcode/City:**  
**Province/Country:**  
**Year of construction:** 2017  
**Interior temperature winter [°C]:** 20.0  
**Interior temp. summer [°C]:** 25.0  
**No. of dwelling units:** 20  
**No. of occupants:** 45.5  
**Specific capacity [Wh/K per m² TFA]:** 60  
**Mechanical cooling:** x  
**Treated floor area m²:** 1872.0  
**Interior heat gains (IHG) heating case [W/m²]:** 2.6  
**IHG cooling case [W/m²]:** 2.6  
**No. occupants:** 45.5  
**Specific capacity [Wh/K per m² TFA]:** 60  
**Generation of renewable energy (in relation to projected building footprint area):**  

<table>
<thead>
<tr>
<th>Specific building characteristics with reference to the treated floor area</th>
<th>Criteria</th>
<th>Alternative criteria</th>
<th>Fulfilled?</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Space heating</strong></td>
<td>Heating demand kWh/(m²a)</td>
<td>23</td>
<td>≤ 30</td>
</tr>
<tr>
<td></td>
<td>Heating load W/m²</td>
<td>20</td>
<td>≤ -</td>
</tr>
<tr>
<td><strong>Space cooling</strong></td>
<td>Cooling &amp; dehum. demand kWh/(m²a)</td>
<td>2</td>
<td>≤ 30</td>
</tr>
<tr>
<td></td>
<td>Cooling load W/m²</td>
<td>3</td>
<td>≤ -</td>
</tr>
<tr>
<td></td>
<td>Frequency of overheating (&gt; 25 °C) %</td>
<td>-</td>
<td>≤ -</td>
</tr>
<tr>
<td></td>
<td>Frequency of excessively high humidity (&gt; 12 g/kg) %</td>
<td>0</td>
<td>≤ 10</td>
</tr>
<tr>
<td><strong>Airtightness</strong></td>
<td>Pressurization test result n50 1/h</td>
<td>0.6</td>
<td>≤ 1.0</td>
</tr>
<tr>
<td><strong>Non-renewable Primary Energy (PE)</strong></td>
<td>PE demand kWh/(m²a)</td>
<td>3</td>
<td>≤ -</td>
</tr>
<tr>
<td><strong>Primary Energy Renewable (PER)</strong></td>
<td>PER demand kWh/(m²a)</td>
<td>1</td>
<td>≤ 75</td>
</tr>
</tbody>
</table>

The PHPP has not been filled completely; it is not valid as verification.

I confirm that the values given herein have been determined following the PHPP methodology and based on the characteristic values of the building. The PHPP calculations are attached to this verification.

| PHPP Low Energy Building? | yes |

Task:  
Surnames:  
Signature:  
Issued on:  
City:  

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Project data imported from designPH 1.0.30  
PHPP9 display code: 71854417_110913_MIPCA_en8