Rossdale Power Plant Advanced Assessment and Priority Rehabilitation

ATCO Gas Building Archival Photographic Record

DFS | MBAC | Saucier + Perrotte Architectes
Submitted to: City of Edmonton
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Prepared by:

Architectural/Heritage - DFS
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Traditional Land Acknowledgement

We respectfully acknowledge that Edmonton is known by the nêhiyawak (the Cree people) as ᐊᒥᐢᑲᐧᒋᐋᐧᐢᑲᐦᐃᑲᐣ (amiskwacîwâskahikan). It is a traditional gathering place for a diverse group of Indigenous peoples, including the nêhiyaw (Cree), Tsuut'ina, Niitsitapi (Blackfoot), Métis, Nakota Sioux, Haudenosaunee (Iroquois), Dene, Suliné, Anishinaabe/Ojibway/Saulteaux, Inuit, and many others who continue to make this place their home and whose histories, languages, and cultures continue to influence our vibrant community today. The Rossdale Power Plant lies on lands governed by Treaty 6, which encompasses 17 First Nations. In addition, it is acknowledged that the Rossdale site has been a gathering place of Indigenous peoples for thousands of years, and that it has special association with the Traditional Burial Ground and Fort Edmonton Cemetery nearby. The city of Edmonton owes its strength and vibrancy to these lands and the diverse Indigenous peoples whose ancestors' footsteps have marked this territory.

Settlers from around the world who continue to be welcomed here and call Edmonton home, further contribute to the City's resilience and diversity. Together we call upon all our collective honoured traditions and spirits to work in building a great city for today and future generations. We would like to thank the Indigenous communities who participated in The Rivers Crossing Business Plan & Heritage Interpretation Plan engagement sessions. The contributions provided were greatly appreciated and it is hoped that the knowledges and stories shared are reflected here.

Project Team

Owner/Client
The City of Edmonton

Past Owner
EPCOR

Heritage Authority
Alberta Culture, Multiculturalism and Status of Women

Prime Consultant/Architectural
the marc boutin architectural collaborative inc.

Heritage Conservation
DFS Inc. Architecture & Design

Architectural/Adaptive Reuse Planning
Saucier + Perrotte Architectes

Structural & Civil Engineering
Read Jones Christoffersen Ltd. Engineers

Mechanical & Electrical Engineering
Williams Engineering Canada

Code Consulting
Jensen Hughes

Indigenous Inclusion & Engagement Consulting
Naheyawin

Acknowledgements

The consultant team wishes to thank the City of Edmonton, EPCOR, and the Government of Alberta team members for their stewardship of the project and for their generous contributions and insights concerning the history of the site and the Rossdale Power Plant.

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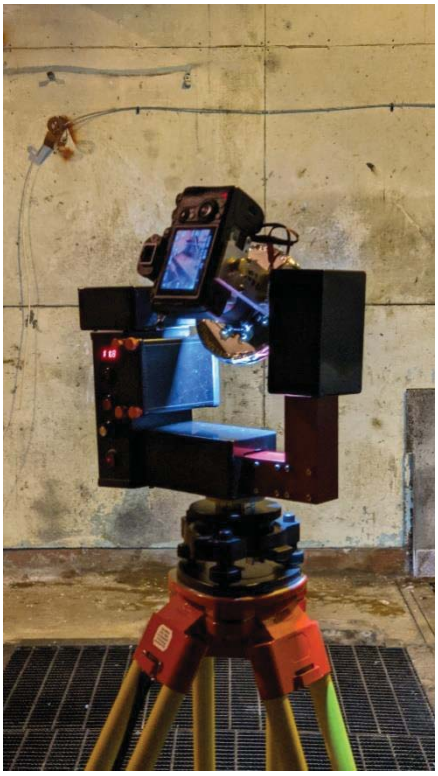
1.0 Photographic Data

The information compiled in the Archival Photographic Record showcases data derived from the ATCO Building Conditions Assessment, the ATCO Building Record and photographic data compiled from MiraCAD and drone footage (with the exception of photograph #8, which was taken by a Pixel 3a Smartphone Camera). All photographs were taken on October 23, 2020, with either a Sony A7RIII Mirrorless Camera Body with a Sony SEL FE 20mm f/1.8 G Lens or a DJI Mavic 2 Pro on board camera.

The Sony A7RIII was fixed to a robotic panoramic rig that rotated 360 degrees, a MiraCAD developed product (pictured below). Each station had 15 positions capturing 3 bracketed images at 3 EV3; for a total of 45 images per station. Lights were used to illuminate darker spaces and photos were taken in high, low and medium light levels. The stations were located at various positions around the building to create a blended, tone mapped and stitched together 3D depiction, which was accomplished by MiraCAD with computer software.



All of the UAV (unmanned aerial vehicle) photos were taken with the DJI Mavic 2 Pro on board camera. For all five flights, there was a total of 1,234 images taken at elevations between 75 – 200 ft above ground level. The images were processed and stitched together by MiraCAD using computer software.

Disclaimer: MiraCAD Technologies Inc. provided services and proprietary access to Cloud360 data. Most of the photos in the following report were derived from Cloud360, a web-based software enabling users to view high resolution imagery.

Photographed and Catalogued by:

Bianca Dahlman

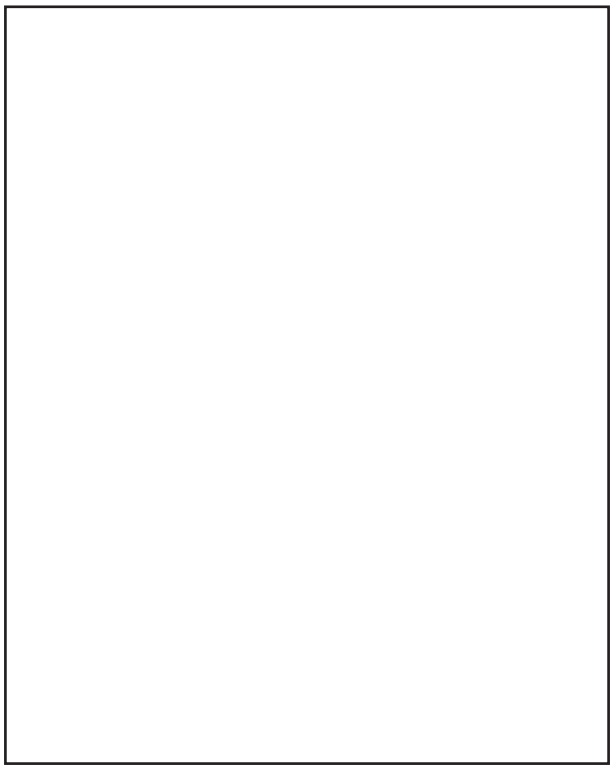
Bianca Hacker

Evan Oxland

Karen Cyr

MiraCAD Technologies Inc.

2.0 Legend



2021_01_26_CoE_ROS112_(1).jpg

Listed under each archival photograph is a date, Building ID and number.

Date: YEAR_MONTH_DAY depicting when the archival record was created.

Building ID: CoE_ROS###

Number: (#) referring to and in correspondence with the key plan.

The Key Plan notes the location of where each photograph was taken from and the angle in which it was taken.

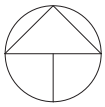
Horizontal (eye-level perspective)

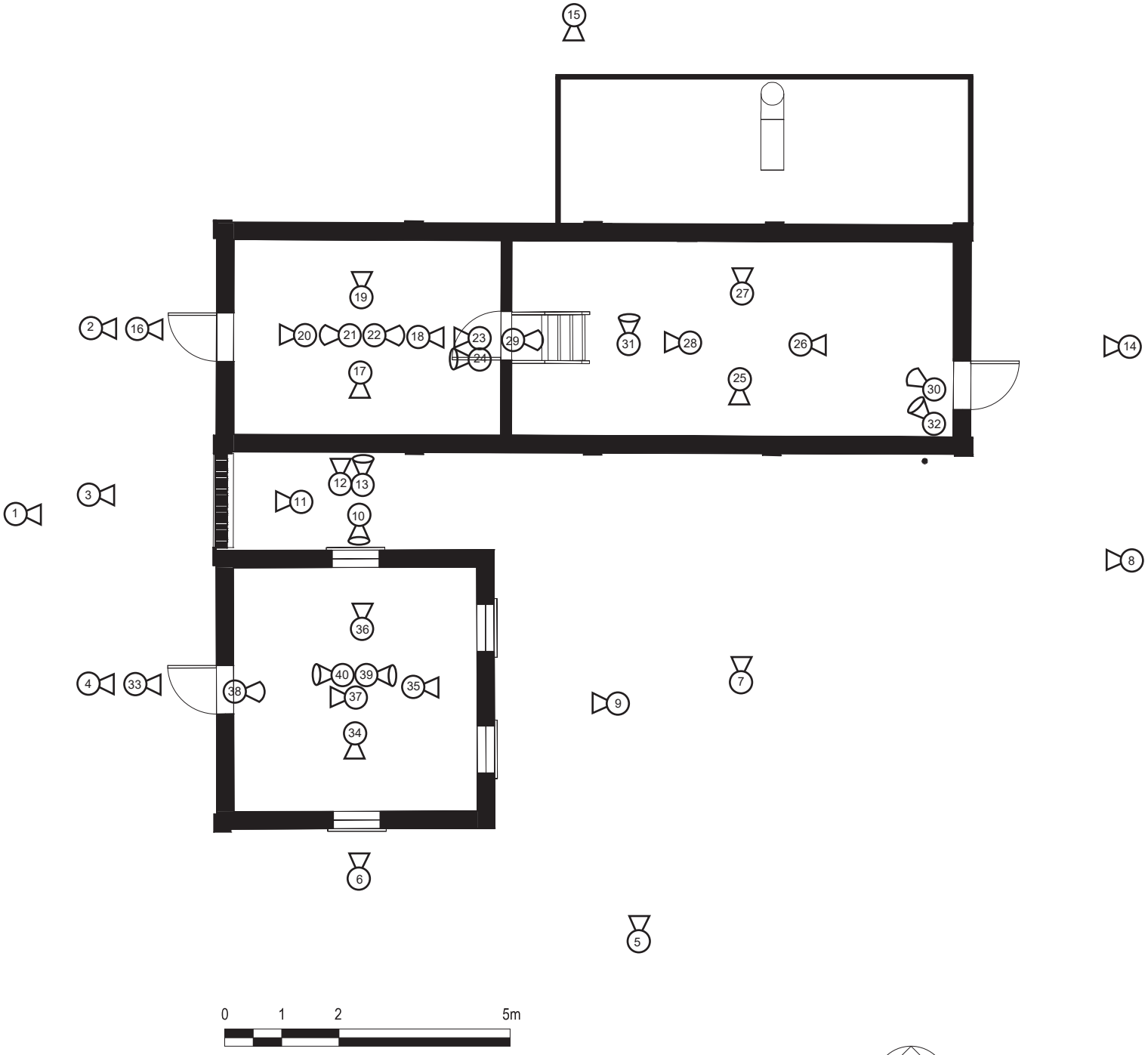
Bird’s Eye View (looking down)

Worm’s Eye View (looking up)

Building ID	Building Name
ROS105	Rossdale Low Pressure Power Plant – Switch House
ROS106	Rossdale Low Pressure Power Plant – Turbine Hall
ROS107	Rossdale Low Pressure Power Plant – Boiler Hall
ROS108	Rossdale Pump House #1
ROS109	Rossdale Pump House #2
ROS112	Rossdale ATCO Gas Building

3.0 Aerial Drone Photograph





1 Archival Photographic Record - Key Plan

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2021_01_26_CoE_ROS112_(2).jpg

2021_01_26_CoE_ROS112_(3).jpg

2021_01_26_CoE_ROS112_(4).jpg

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2021_01_26_CoE_ROS112_(8).jpg

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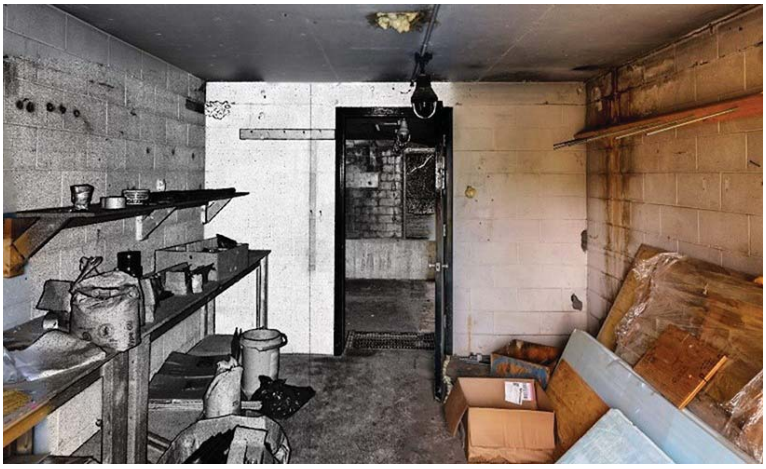

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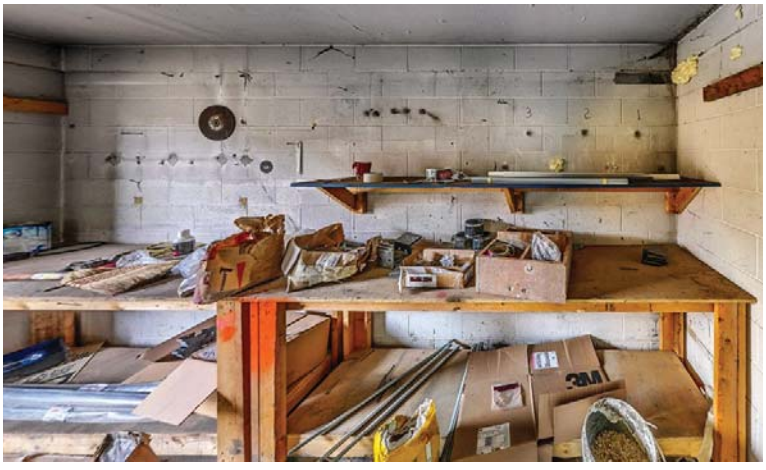

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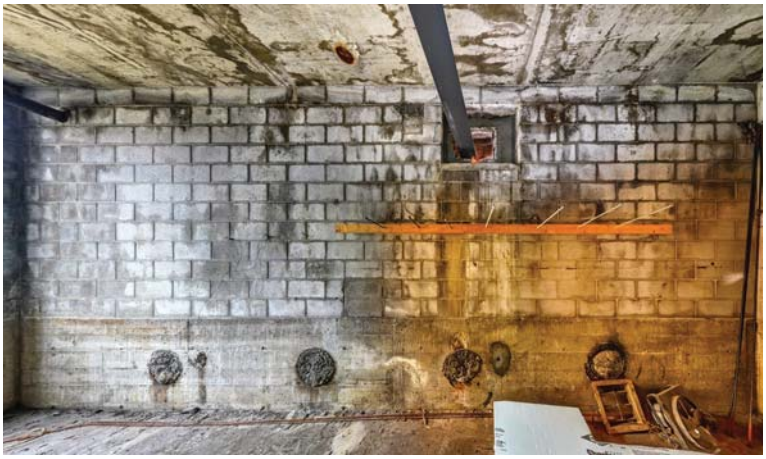

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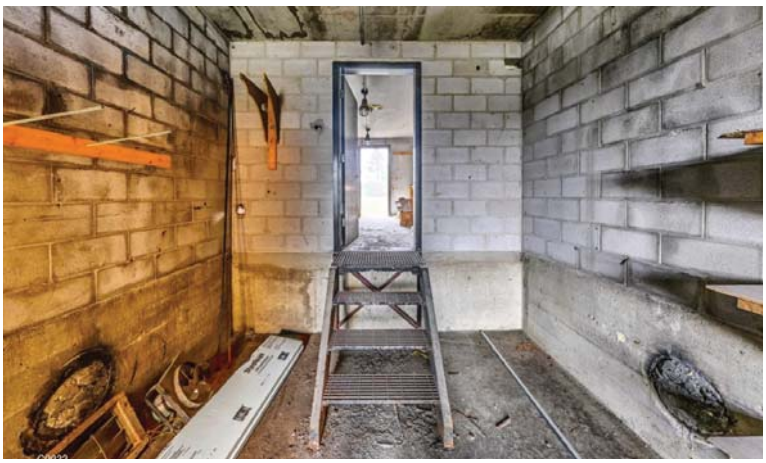

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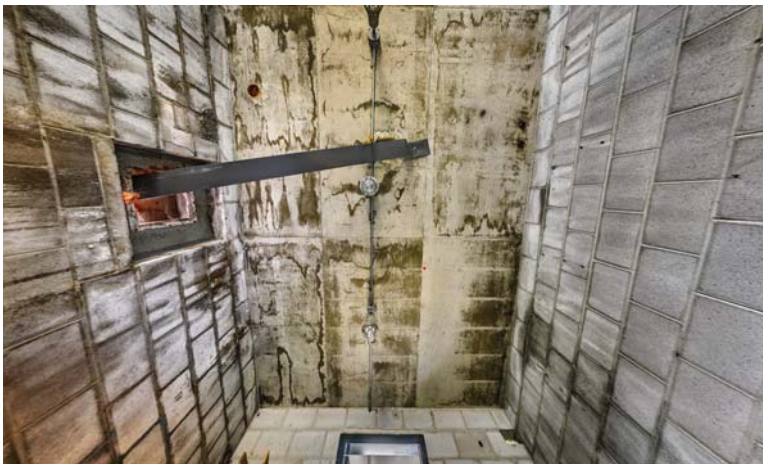

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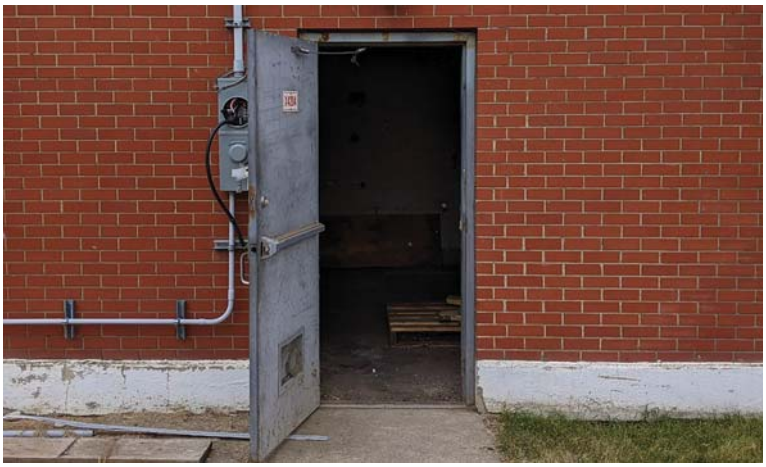

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