



An agency of the Government of Ontario



Un organisme du gouvernement de l'Ontario

This document was retrieved from the Ontario Heritage Act Register, which is accessible through the website of the Ontario Heritage Trust at **[www.heritagetrust.on.ca](http://www.heritagetrust.on.ca)**.

---

Ce document est tiré du registre aux fins de la *Loi sur le patrimoine de l'Ontario*, accessible à partir du site Web de la Fiducie du patrimoine ontarien sur **[www.heritagetrust.on.ca](http://www.heritagetrust.on.ca)**.

Report No. 11

April 12, 2024

Laura Mueller  
Chief, Planning and Engagement, Building LeBreton  
Real Estate and Development Branch  
National Capital Commission  
202-40 Elgin Street  
Ottawa, Ontario  
K1P 1C7

**RECEIVED**  
2024/04/09  
(YYYY/MM/DD)  
Ontario Heritage Trust

By email to: [laura.mueller@ncc-ccn.ca](mailto:laura.mueller@ncc-ccn.ca)

Attn: Laura Mueller,

**Re: Notice of passage of By-law 2024-147 to designate Ottawa Water Works Complex, under Part IV of the *Ontario Heritage Act***

Ottawa City Council, at its meeting held on April 3, 2024 passed the following by-law:

2024-147     A by-law of the City of Ottawa to designate Ottawa Water Works Complex to be of cultural heritage value or interest.

Please find enclosed a copy of the by-law, including the Statement of Cultural Heritage Value and Attributes, for the property.

Notice of the passage of By-law 2024-147 will be published online at [ottawa.ca/heritagenotices](https://ottawa.ca/heritagenotices) on April 12, 2024.

Please be advised that any person who wishes to object to the by-law may do so by appeal to the Ontario Land Tribunal by giving the Tribunal and the Clerk of the City of Ottawa, within 30 days after the online publication of this notice, a notice of appeal setting out the objection to the by-law and the reasons in support of the objection.

The notice of appeal can be submitted via email to [CityClerk-HeritageObjections@ottawa.ca](mailto:CityClerk-HeritageObjections@ottawa.ca). The notice of appeal can also be submitted via registered mail or be delivered in person, by appointment, at the following coordinates:

Office of the City Clerk  
City of Ottawa  
110 Laurier Avenue West  
Ottawa, ON K1P 1J1  
[ottawa.ca](https://ottawa.ca)

Direct Line (613) 580-2424 Ext. 21933  
[david.white@ottawa.ca](mailto:david.white@ottawa.ca)

Bureau du greffier municipal  
Ville d'Ottawa  
110, ave. Laurier ouest  
Ottawa (Ontario) K1P 1J1  
[ottawa.ca](https://ottawa.ca)

Ligne directe (613) 580-2424 poste 21933  
[david.white@ottawa.ca](mailto:david.white@ottawa.ca)

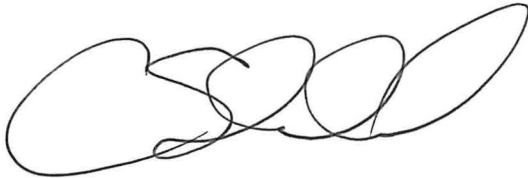
David White, Interim City Clerk  
c/o Mélanie Blais, Committee Coordinator  
110 Laurier Avenue West, Ottawa, Ontario K1P 1J1, mail code 01-71

To make an appointment, please contact Mélanie Blais, Committee Coordinator at (613) 580-2424, ext. 27005, or [melanie.blais@ottawa.ca](mailto:melanie.blais@ottawa.ca).

If no appeals are filed, By-law 2024-147 will come into force on May 17, 2024 and be registered on title. A copy of the registered by-law will be served on the Ontario Heritage Trust.

Should you require further information, please contact Anne Fitzpatrick directly at [anne.fitzpatrick@ottawa.ca](mailto:anne.fitzpatrick@ottawa.ca) or 613-580-2424 x 25651.

Regards,

A handwritten signature in black ink, appearing to be 'D. White', with a large, stylized loop at the end.

Deputy City Clerk for David White  
Interim City Clerk

cc: Anne Fitzpatrick, Heritage Planner, City of Ottawa (by email to [anne.fitzpatrick@ottawa.ca](mailto:anne.fitzpatrick@ottawa.ca))  
Registrar, Ontario Heritage Trust (by email to [registrar@heritagetrust.on.ca](mailto:registrar@heritagetrust.on.ca))

Encl.

BY-LAW NO. 2024 - 147



A by-law of the City of Ottawa to designate Ottawa Water Works Complex, to be of cultural heritage value or interest.

WHEREAS the *Ontario Heritage Act*, R.S.O. 1990, c. O.18, as amended, authorizes the Council of a municipality to enact by-laws to designate real property, including all buildings and structures thereon, to be of cultural heritage value or interest;

AND WHEREAS the Council of the City of Ottawa has caused notice of intention to designate to be served upon the owners of the lands and premises known municipally as Ottawa Water Works Complex (more particularly described in Schedule "A" hereto), and upon the Ontario Heritage Trust, the said notice being published online on Ottawa.ca on April 10, 2024, as permitted by by-law 2002-522 as amended;

AND WHEREAS no notice of objection to the said proposed designation was served upon the Clerk of the municipality;

AND WHEREAS the statement of cultural heritage value or interest and description of heritage attributes reasons for designation are set out as Schedule "B" hereto;

THEREFORE the Council of the City of Ottawa, enacts as follows:

1. The real property known municipally as Ottawa Water Works Complex, and more particularly described in Schedule "A" attached hereto, is hereby designated as being of cultural heritage value or interest.
2. The Statement of Cultural Heritage Value or Interest and Description of Heritage Attributes are set out as Schedule "B" hereto.
3. The City Solicitor is hereby authorized to cause a copy of this By-law to be registered against the property described in Schedule "A" hereto in the proper Land Registry office.
4. The City Clerk is hereby authorized to cause a copy of this By-law to be served upon the owners of the property described in Schedule "A", and upon the Ontario Heritage Trust, and to cause notice of this By-law to be published online on Ottawa.ca as permitted by by-law 2002-522 as amended.
5. The schedules attached hereto and marked Schedule "A" and Schedule "B" form part of this By-law, and all notations, references and other information contained therein shall be as much a part of this By-law as if all the matters and information set forth by the said Schedules were all fully described herein.

ENACTED AND PASSED this 3<sup>rd</sup> day of April 2024.



DEPUTY CITY CLERK



MAYOR

## SCHEDULE "A"

PIN

04280 - 0081

DESC

PART OF LOT 40 CONCESSION AOF, PART 38 PLAN 4R13921

PIN

04097 - 0271

DESC

PART OF BROAD STREET CLOSED BY LT1243127 ON PLAN 2, PART OF LOT 39, CONCESSION A, OTTAWA FRONT (NEPEAN), LOTS 1 TO 22 IN BLOCK F, PART OF SHERWOOD STREET CLOSED BY LT1243127, LOTS 1, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 21, PART OF LOTS 3, 5, 7, 9, 11, 13, 15, 17, 19, 22 IN BLOCK E, PLAN 2 BEING PTS 3, 4, 5 & 6 ON PL 4R-13921 AND PART 42, PL 4R- 13970, S/E PARTS 1 & 5 ON PL 4R-18325 AND PARTS 1 & 10, PLAN 4R-19846; LOTS 2 TO 12 IN BLOCK G ON PLAN 2 BEING PART 41 ON PLAN 4R-13970; LOTS 2, 4, 6, 8, 10, 11, PART OF LOTS 3, 5, 7, 9, 12 IN BLOCK H ON PLAN 2 BEING PART 43 ON PLAN 4R-13970, SAVE & EXCEPT PART 4 ON 4R27105; PART OF OTTAWA STREET CLOSED BY LT1243127 ON PLAN 2 BEING PART 34 ON PLAN 4R-13970, SAVE & EXCEPT PART 6 ON 4R27105; PART OF LOTS 1 TO 4 IN BLOCK S, LOTS 1 AND 4, PART OF LTS 2 AND 3 IN BLOCK T, PART OF SHERWOOD STREET CLOSED BY CR280019 ON PLAN 2 BEING PARTS 31 AND 32 ON PLAN 4R-13970 SAVE AND EXCEPT PART 2 ON PLAN 4R-14517 AND PART 8 ON 4R27105; PART OF FLEET STREET, FORMERLY QUEEN STREET, CLOSED BY LT1243127 ON PLAN 2 BEING PART 8 ON PLAN 4R-13921 SAVE AND EXCEPT PARTS 1, 2 AND 4 ON PLAN 4R-18325; PART OF THE BED OF THE OTTAWA RIVER LYING IN FRONT OF LOT 40, CONCESSION A, NEPEAN (O.F.) BEING PART 3 ON PLAN CAR-191; PART OF LOT 39, CONCESSION A, NEPEAN (O.F.) BEING A STRIP OF LAND 33 FEET IN WIDTH ADJACENT TO LOT 40, CONCESSION A, NEPEAN (O.F.) RUNNING NORTH FROM THE NORTHERLY LIMIT OF OREGON STREET TO THE BRONSON CHANNEL AS IN CR503940; PT LT 39, CON. A, NEPEAN (O.F.) AS IN CR238358; PART OF LOT 39, CONCESSION A, NEPEAN (O.F.) PART OF THE BED OF THE OTTAWA RIVER LYING IN FRONT OF LOT 39, CONCESSION A, NEPEAN (O.F.), AS IN CR614223 BEING PART 2 ON PLAN CAR-191; PART OF LOT 39, CONCESSION A, NEPEAN (O.F.) AS IN CR441931 BEING ALL THAT PART LYING NORTH OF PARTS 1, 2 AND 5 ON PLAN 5R-13914 BEING PARTS 28 AND 29 ON PLAN 5R-13914; PART OF DUKE STREET CLOSED BY LT1243120 ON PLAN 2; PART OF LOT 40, CONCESSION A, NEPEAN (O.F.) AS IN CR503940 SAVE AND EXCEPT PARTS 1 AND 2 ON PLAN 4R-14032; PART OF LOT 39, CONCESSION A, NEPEAN (O.F.)

BEING PARTS 1 TO 12, 14 TO 19 ON PLAN 4R-13970, EXCEPT PARTS 2 ON PLAN 4R21198 AND PART 1 ON PLAN 4R21967

PIN

04112 - 0162

DESC

BLOCK 5, PLAN 4M1342

PIN

04112 - 0110

DESC

PART OF LOT 40 CONCESSION AOF, AND PART OF LOTS 1, 2 AND 3, BLK P, PLAN 2, BEING PARTS 17 AND 18 PLAN 5R13914 AND PART OF 15 PLAN 5R13914 LYING EAST OF PARTS 79, 81, 82 AND 83 PLAN 4R13970 EXCEPT PARTS 78 AND 80 PLAN 4R13970

PIN

04097 - 0158

DESC

PART OF LOT 39 CONCESSION AOF, BEING PART 5 PLAN 5R13914 EXCEPT PARTS 1 TO 9, 17, 18 AND 19 PLAN 4R13970

PIN

04112 - 0104

DESC

PART OF LOT 40 CONCESSION AOF (FORMERLY TRAVELLED AS LLOYD STREET) AND PART OF LLOYD STREET (CLOSED BY BYLAW LT1243121) PLAN 2, BEING PART 3 PLAN 4R14031

PIN

04112 - 0106

DESC

PART OF LOT 40 CONCESSION AOF (FORMERLY TRAVELLED AS LETT STREET) AND PART OF LETT STREET (CLOSED BY BYLAW LT1243121) PLAN 2, BEING PARTS 1,2, 5, 6 AND 7 PLAN 4R14030 ; OTTAWA/NEPEAN. SUBJECT TO AN EASEMENT IN FAVOUR OF THE NATIONAL CAPITAL COMMISSION OVER PARTS 2 AND 5 PLAN 4R14030 AS IN CR718993

PIN

04112 - 0107

DESC

PART OF LOT 40 CONCESSION AOF (FORMERLY TRAVELLED AS LLOYD STREET) & PART OF LLOYD STREET, CLOSED BY BYLAW LT1243121, PLAN 2, BEING PARTS 1, 2, 4 AND 5 PLAN 4R14031

PIN

04112 - 0108

DESC

PART OF LANE AT REAR OF BLOCK Q (CLOSED BY BYLAW LT1243121) PLAN 2, BEING PART 86 PLAN 4R13970

PIN

04112 - 0109

DESC

PART OF LOT 40 CONCESSION AOF, PART OF L. PERKINS LOT,BLK K, PLAN 2, PART OF LOTS 2, 3, 5 AND 7, BLK K, PLAN 2, LOTS 1 AND 2, BLK O, PLAN 2, PART OF LOTS 3, 4, 5, 6, 7, 8 AND 9, BLK O, PLAN 2, BEING PARTS 20 AND 21 PLAN 5R13914 EXCEPT PARTS 58, 59, 60, 63, 64 AND 66 PLAN 4R13970

PIN

04097 - 0150

DESC

PART OF LOT 39 CONCESSION AOF, PART OF BROAD STREET (CLOSED BY BYLAW LT1243121) PLAN 2, BEING PARTS 1 AND 4 PLAN 4R14029



PIN

04097 - 0151

DESC

PART OF LOT 39 CONCESSION AOF, PART OF BROAD STREET (CLOSED BY BYLAW LT1243121) PLAN 2, BEING PART 2 PLAN 4R14029

PIN

04097 - 0160

DESC

PART OF LOT 40 CONCESSION AOF, PART OF SHERWOOD STREET (CLOSED BY BYLAW CR281019) PLAN 2, PART OF LANE AT REAR BLK S (CLOSED BY BYLAW LT1243121) PLAN 2, PART OF LOTS 2 AND 3, BLK S, PLAN 2, PART OF LOTS 2 AND 3, BLK T, PLAN 2, BEING PARTS 2, 3 AND 5 PLAN 4R14306

PIN

04097 - 0152

DESC

PART OF LOT 39 CONCESSION AOF, PART OF BROAD STREET (CLOSED BY BYLAW LT1243121) PLAN 2, BEING PART 22 PLAN 4R13970

PIN

04097 - 0155

DESC

PART OF LOT 3, BLK S, PLAN 2, PART OF LOTS 2 AND 3, BLK T, PLAN 2, PART OF SHERWOOD STREET (CLOSED BY BYLAW CR281019) PLAN 2, BEING PART 27 PLAN 4R13970

PIN

04097 - 0100

DESC

PT LT 39, CON AOF ; PT BED OF \_OTTAWA RIVER\_ LYING , IN FRONT OF LOT 39  
CON AOF ; BEING PTS 1, 2, 3, & 4 5R13914

PIN

04097 - 0157

DESC

PART OF LOT 3, BLK T, PLAN 2, BEING PART 5 PLAN 4R14029

PIN

04097 - 0242

DESC

PART OF LOT 39 CONCESSION A OTTAWA FRONT, BEING PARTS 7, 10 5R13914  
AND EXCEPT PARTS 14, 15 AND 16 PLAN 4R13970, SAVE & EXCEPT PART 45,  
5R13914; PART PRESTON STREET CLOSED BY OC1899021 BEING PARTS 1 & 2,  
4R28400

PIN

04112 - 0111

DESC

PART OF LOT 40 CONCESSION AOF, PART OF BOOTH STREET PLAN 2, PART OF  
WATER WORKS RESERVE PLAN 9481, PART OF LOTS 2 AND 3, BLK R, PLAN 2,  
BEING PARTS 14, 40, 41 AND PART OF PART 15 PLAN 5R13914, LYING WEST OF  
PARTS 81, 82 AND 83 PLAN 4R13970 EXCEPT PARTS 84, 85 AND 86 PLAN 4R  
13970

PIN

04112 - 0164

DESC

BLOCK 7, PLAN 4M1342

PIN

04097 - 0268

## DESC

PART OF LOT 40 CONCESSION A (OTTAWA FRONT), PART OF LOT 2 BLOCK R PLAN 2, BEING PART 26 ON 4R32005 SAVE & EXCEPT PARTS 2 & 6 ON 4R32151

## PIN

04097 - 0153

## DESC

PART OF LOT 39 CONCESSION AOF, PART OF BROAD STREET (CLOSED BY BYLAW LT1243121) PLAN 2, BEING PART 24 PLAN 4R13970

## PIN

04097 - 0241

## DESC

PART OF LOT 39 CONCESSION A OTTAWA FRONT, BEING PART 45 PLAN 5R13914; S/T NS25410

## PIN

04097 - 0269

## DESC

PART OF LOT 40 CONCESSION A (OTTAWA FRONT), PART OF SHERWOOD STREET (CLOSED BY BYLAW CR280019) PLAN 2, PART OF LOTS 2 AND 3, BLOCK T, PLAN 2, PART OF LANE AT REAR OF BLOCK S (CLOSED BY BYLAW LT1243121) PLAN 2, PART OF LANE AT REAR OF BLOCK T (CLOSED BY BYLAW LT1243121) PLAN 2, DESIGNATED AS PARTS 4, 6 AND 7, 4R14306 AND PARTS 2 AND 6, 4R32151, SAVE & EXCEPT PART 26 ON 4R32005

## PIN

04280 - 0075

## DESC

PART OF FLEET STREET (FORMERLY QUEEN ST) PLAN 2, LYING EAST OF PART 12 PLAN 4R13921 ; PART OF LOT 40 CONCESSION AOF AS, AS IN CR241682

## PIN

04097 - 0144

DESC

PART OF OTTAWA ST. (CLOSED BY BYLAW LT1243127) PLAN 2, PART 33 PLAN 4R13970

PIN

04112 - 0092

DESC

PART OF OTTAWA ST. (CLOSED BY BYLAW LT1243127) PLAN 2, PART 50 PLAN 4R13970

PIN

04112 - 0166

DESC

BLOCK 9, PLAN 4M1342

PIN

04097 - 0270

DESC

PART OF LOTS 3, 5, 7, 9 & 12 BLOCK H PLAN 2, PART OF OTTAWA STREET (CLOSED BY LT1343127) PLAN 2 AND PART LOTS 1 & 2 BLOCK S PLAN 2, BEING PARTS 4, 6 & 8 ON 4R27105

PIN

04112 - 0152

DESC

PART OF LOTS 2, 4, 6, 8 AND 10, BLOCK I; PART OF LOT 2, BLOCK Q; PART OF OTTAWA STREET (CLOSED BY LT1243127) ALL ON PLAN 2 BEING PARTS 1, 2 AND 3 ON PLAN 4R-20516

PIN

04112 - 0165

DESC

BLOCK 8, PLAN 4M1342

PIN

04280 - 0176

DESC

PART LOT 40 CONCESSION A OTTAWA FRONT NEPEAN PARTS 34 & 35 PLAN  
4R13921

PIN

04280 - 0078

DESC

PART OF LOT 40 CONCESSION AOF, PARTS 39 AND 40 PLAN 4R13921

PIN

04280 - 0076

DESC

PART OF POOLEY STREET (FORMERLY BRITTANIA TERRACE, CLOSED BY  
BYLAW CR610336) PLAN 2, PARTS 30 AND 33 PLAN 4R13921

## SCHEDULE "B"

**DESCRIPTION OF PROPERTY**

The Ottawa Water Works complex is a cultural heritage landscape comprised of the Water Works Building at 10 Fleet Street, the covered aqueduct, the open aqueduct to the west including the headworks, the channeled tailrace to the north of the pumping station, and five stone bridges that cross the aqueduct. The bridges include four single-span bridges; the Canada Central Railway, Broad Street, Booth Street, and the combined Lloyd/Lett/Grand Trunk Railway bridge and the triple span Pooley's Bridge, located north of the pumping station. The complex was constructed in 1872-74, with additions to the Water Works building in 1888 and 1899. The Ottawa Water Works is located on LeBreton Flats, west of downtown Ottawa.

**STATEMENT OF CULTURAL HERITAGE VALUE OR INTEREST**

The Ottawa Water Works has cultural heritage value for its role in the early development of municipal water works systems in Canada, its association with local engineer Thomas Coltrin Keefer, its design and physical value and its contextual value as a cultural heritage landscape and the only remaining historic structures on LeBreton Flats.

*Associative or Historic Value*

The Ottawa Water Works has historic value as an early example of a municipal water works systems built in the late 19th century. The Carleton Place fire of 1870 and the Great Chicago fire of 1871, combined with a desire to provide clean drinking water, led Ottawa City Council to engage Thomas Coltrin Keefer to oversee the design and construction of the Water Works building and aqueduct in 1872. In 1870, there were only seven municipal water works in Canada. During the following decade, 23 systems were constructed, including the Ottawa system and by 1900 there were 235 municipal systems. The Ottawa Water Works has cultural heritage value for its continued use in the provision of clean drinking water to the city of Ottawa.

The Ottawa Water Works has historic value for its association with Thomas Coltrin Keefer, a prominent Ottawan and one of the leading civil engineers in Canada in the mid-19th century. Early in his career Keefer worked on the Welland and Erie Canals and in 1845 he was appointed engineer in charge of timber slides and river works for Bytown. Keefer settled in Ottawa but continued to be involved in large scale engineering projects elsewhere including the Montreal Water Works (1853) and Hamilton Water Works (1859). Keefer first prepared plans for the Ottawa Water Works in 1859. Keefer is commemorated for his engineering works as a National Historic Person and the plaque is located at the Water Works building. The Water Works building also has cultural heritage value for its association with prominent Ottawa architect Edgar L. Horwood. Horwood designed the 1899 expansion to the pumping station. Horwood practiced privately in the late 19th and early 20th centuries before being appointed Chief

Dominion Architect in 1915, a post he held for two years, after which he returned to private practice for the remainder of his career. He designed several well-known buildings in Ottawa including the Britannia Yacht Club and several public schools including First Avenue and Mutchmor.

The earliest structure in the Water Works complex is Pooley's Bridge which was constructed by Alexander Sparks in 1872 to the specifications of City of Ottawa Engineer George Hugo Perry. Pooley's Bridge has associative value as the oldest remaining structure from Ottawa's municipal development program of the 1870s to establish permanent infrastructure. Other projects from this era include the first City Hall (burned 1931), the first civic park at Major's Hill, and the pumping station. Pooley's Bridge has historic value for its age and continued use as a bridge; it is the oldest bridge in Ottawa and it is considered the second oldest stone arch bridge in Ontario.

### *Design Value*

The Water Works building has design value as a good example of late 19th century industrial building. It is a two-storey flat roofed building constructed in phases beginning in 1873-74. The original Keefer building was a one-storey structure with a mansard roof. In 1888, additional pumps were installed in a ground floor addition designed by local architect E.L. Horwood. In 1899, the mansard roof was removed and a second storey, flat-roofed addition was added. The building is well-detailed, and includes rusticated stone arches and voussoirs, pairs of segmentally arched windows on the ground floor and round arched windows on the second storey.

Pooley's Bridge has design value as a large, triple arched, closed-spandrel stone bridge. The bridge over the channeled tailrace is a good and rare example of a large stone bridge in Ottawa and is a representative example of 19th century bridge design.

The open aqueduct has design value for its industrial and intentionally rustic character. Hewn from the bedrock, it is a unique industrial structure in Ottawa. It is characterized by its uneven stone edges, gradually sloping sides with soft landscaping and limestone pitching and the four low, single span stone bridges that cross it. The Ottawa Water Works has design value for its innovative engineering; the Water Works took advantage of a natural depression on the flats for the open aqueduct and rather than using the steam-driven pumps that were typical of the period, the pumps were hydraulic. Water was drawn in from the headworks above the Chaudière Falls and fed through the open aqueduct to waterwheels connected to two large pumps. A clear water pipe in the aqueduct provided clean drinking water to the municipal system. The pumps have been replaced over time, along with the headworks facility, while the open aqueduct remains.

### *Contextual Value*

Contextually, the Ottawa Water Works complex has heritage value as a cultural landscape and as the last remaining set of 19th century structures on LeBreton Flats. LeBreton Flats was a vibrant, working-class community linked to the logging industry on

the Ottawa River nearby and was home to foundries and other industry. The neighbourhood was completely cleared in the 1960s as part of the NCC's Gréber Plan and the larger trend of urban renewal in the mid-20th century.

The landscape of the Water Works complex also contributes to an understanding of the former link to Ottawa's 19th century railway system, as evidenced in the arrangement of the bridges over the aqueduct which reflect the former railway and road patterns. The underground, covered aqueduct was constructed in 1912 and lies below the former Ottawa Street, which ran east-west across LeBreton Flats and its alignment is a reminder of the former road pattern.

The structures that comprise the Ottawa Water Works are linked by the open aqueduct channel, the covered aqueduct, the connection to the Ottawa River and common design elements of the bridges, creating a picturesque cultural landscape. As the only remaining historic structures, they are important in defining the character of the area and are landmarks on LeBreton Flats.

## **DESCRIPTION OF HERITAGE ATTRIBUTES**

The following attributes of each structure contribute to the overall understanding and heritage value of the Ottawa Water Works complex.

### **Water Works Building**

- two-storey massing with one storey, flat roofed addition at south end of building
- rusticated limestone construction, laid in even courses
- flat roof with bracketed metal cornice
- five square stone chimneys
- heavy limestone secondary cornice between the first and second storey featuring brackets and smooth stone frieze
- double doors with arched transom window on north and east sides
- smooth stone drip course between foundation and bottom of the ground floor windows
- tall segmentally-arched four-over-four sash windows arranged in pairs on the ground floor with stone voussoirs and keystones
- round arched two-over-two sash windows on the second storey
- round windows along the west façade with stone window surrounds
- rusticated stone pilasters
- date stones on the east and north facades of the building
- decorative stone details including brackets, voussoirs, corner pilasters and keystones
- pedestrian bridge leading to second storey entrance on east side of building
- limestone retaining walls
- interior features including:
  - original roof construction comprised of iron beams separating narrow brick segmental vaults, visible inside the ground floor, pump room



- marble plaque commemorating the construction of the original building in 1874, inscribed with Thomas Keefer's name and the names of the chairman and members of the Ottawa Water Works Commission
- marble plaque commemorating the expansion of the pumping station 1899-1901
- pressure gauge with decorative iron work
- double staircase from the ground floor that merges into a single staircase to the second storey of the building

### **Open Aqueduct**

- narrow open channel excavated from bedrock with uneven stone edges
- soft landscaped edges including low shrubs such as sumac and honeysuckle and a deciduous trees including mature group of black willow on the west side of the headworks
- limestone pitching along the north and south sides of the bank between the Broad Street Bridge and the Central Canada Railway Bridge
- remnant limestone sluice gate abutments on the north and south side of the channel east of the Central Canada Railway Bridge
- headworks with sluice gate at the Ottawa River
- forebay at the pumping station
- channeled tailrace under Pooley's Bridge extending north

### **Covered Aqueduct**

- historical alignment following the original route of Ottawa Street from the headworks running east to meet the open aqueduct at the Lloyd/Lett Street bridge.

### **Stone Bridges**

- Central Canada Railway Bridge, Broad Street Bridge, Booth Street Bridge, and Lloyd/Lett Street Bridges over the open aqueduct characterized by:
  - low, single arch, closed-spandrel form
  - stone construction laid in regular courses with piers, voussoirs and keystones
- Pooley's Bridge
  - triple arched, closed-spandrel form
  - stone construction laid in random courses with parapets, voussoirs and keystones
  - metal railing with concrete base

### **Views**

- The following views reinforce the heritage value of the Ottawa Water Works as a cultural landscape:

- the view looking east from the Central Canada Railway Bridge to the Broad Street Bridge
- the view looking west from the Broad Street Bridge to the Central Canada Railway Bridge
- the view north and south from Pooley's Bridge of the tailrace and the Water Works Building
- the view looking northeast from the Lloyd/Lett/Grand Trunk Railway Bridge towards the forebay and Water Works Building

BY-LAW NO. 2024 - 147

-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-

A by-law of the City of Ottawa to designate  
Ottawa Water Works Complex, to be of  
cultural heritage value or interest.

-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-

Enacted by City Council at its meeting of  
April 3, 2024.

-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-

LEGAL SERVICES  
HNM/

COUNCIL AUTHORITY:  
City Council February 21, 2024  
Agenda Item 15.1.1  
(Built Heritage Committee Report No. 11)