

Niagara Engineering Field Books Collection

1892-1934, n.d.

RG 663

Brock University Archives

- Creator:** City of Niagara Falls (Ontario)
- Extent:** 200 cm of textual records (3 boxes, includes 116 notebooks)
- Abstract:** The collection consists of engineering field books containing surveys, diagrams and other information about the City of Niagara Falls, Ontario. Some books include other areas such as Niagara Falls (New York), Niagara-on-the-Lake, Fort Erie, Thorold, St. Davids, Chippawa, Bertie, St. Catharines, Welland, Humberstone, Tilsonburg, Orillia, and New Brunswick. The bulk of the collection contains surveys, diagrams and information relating to property surveys and sewers and sidewalks in Niagara Falls (Ontario), as well as hydroelectric power, both within and outside the Niagara area.
- Materials:** Surveying notebooks, weekly time/wages notebooks, technical documents, a blueprint.
- Repository:** Brock University Archives
- Processed by:** Chantal Cameron
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- Use restrictions:** Current copyright applies. In some instances, researchers must obtain the written permission of the holder(s) of copyright and the Brock University Archives before publishing quotations from materials in the collection. Most papers may be copied in accordance with the Library's usual procedures unless otherwise specified.
- Preferred citation:** RG 663, Niagara Engineering Field Books Collection, 1892-1934, n.d., Brock University Archives, Brock University.

Acquisition info.: Material was donated by Shirley Fisher in 2018.

Administrative history:

Charles Hamilton Mitchell (1872-1941) was a Canadian civil engineer. He graduated with a civil engineering degree from the University of Toronto in 1898. He was City Engineer of Niagara Falls, N.Y. from 1894 to 1901. In 1905, he was the principal assistant engineer of the Ontario Power Company in Niagara Falls, Ontario, and then studied electrical power in Europe in 1906. Between 1906 and 1914, he designed and built hydro-electric power plants across Canada. He was also a consulting engineer to the Dominion Water Power Branch, Department of the Interior, from 1911-1914 and 1919-1920. In 1919, he was appointed Dean of the Faculty of Applied Science and Engineering at the University of Toronto, a post which he held until his retirement in 1941. In addition to this role, he served on a joint Canadian-American board of engineers studying the St. Lawrence Waterway Project (1924), was a member of the Canadian Society of Civil Engineers (serving as vice-president from 1920 to 1923 and president in 1929), the Institution of Civil Engineers of Great Britain, the American Society of Civil Engineers, and became the first president of the Association of Professional Engineers in Ontario in 1922.

Source: Biographical Dictionary of Canadian Engineers
Retrieved 2018/08/30
<http://history.uwo.ca/cdneng/mitchell.html>

Scope and content:

Most of the field books contain surveys, diagrams and other information about the City of Niagara Falls, Ontario. Some books include other areas such as Niagara Falls (New York), Niagara-on-the-Lake, Fort Erie, Thorold, St. Davids, Chippawa, Bertie, St. Catharines, Welland, Humberstone, Tilsonburg, Orillia, and New Brunswick. The bulk of the collection contains surveys, diagrams and information relating to property surveys and sewers and sidewalks in Niagara Falls (Ontario), as well as hydroelectric power, both within and outside the Niagara area. Books have been roughly sorted into three groups by the engineers and surveyors who maintained the books. There may be some overlap between these groups (especially books 40-50), as not all books were labelled, or the books were maintained by multiple people. The first group of books belonged to C.H. Mitchell, Civil Engineer, Niagara Falls, Canada, and covers the period from 1892 to 1907. The second group of books belonged to John H. Jackson, Civil Engineer, Niagara Falls, Canada, and covers the period from 1904 to 1910. Books 40 through 50 overlap between these two collections, but have been grouped together with Mitchell's books in order to preserve the

numerical order assigned to the books. Several of these volumes contained a typewritten index on loose pages. These pages were separated, unfolded, and placed in order in a folder to facilitate browsing. An index to some of these volumes is included in a separate notebook. The third group of books belonged to Anderson & Barry, Engineers and Surveyors, and covers the period from 1911 to 1921. An index to some of these volumes is included in a separate notebook. Most books also contain an index at the beginning or end of the book. The notebooks are listed and filed in chronological order within each category. A few miscellaneous books that did not fit into these categories are included at the end. Several weekly time books, which contain the names of employees, hours worked and wages paid, is also included. A folder of loose papers of benchmarks containing data on Niagara Falls elevations, locations and descriptions can be found at the end.

Organization:

The collection was sorted into three series:

Series I: Field notes, 1892-1934, n.d.

Series II: Weekly time books, 1914-1918.

Series III: Benchmarks, 1902-1934, n.d.

Inventory:

Series I: Field notes, 1892-1934, n.d.

C.H. Mitchell books, 1892-1907.

Box 1 Index sheets, 1892-1905. Contains typewritten index sheets for books 2 through 50 (non-inclusive).

Index to Field Notes, [18]94-[18]97. Title page reads "Office of C.H. Mitchell, Civil Engineer, Niagara Falls, Canada." The index provides a list of "City Lot" Surveys, "Outside" Surveys, General Engineering (Private Practice), City Engineering (General), City Surveying (General), and Sewerage. The index covers books 2 through 19.

Book #11—Assessments, 1893. Title page reads “Property of C.H. Mitchell, City Engineer’s Office, Niagara Falls, N.Y, 1893. C.H. Mitchell, Town Engineer, Niagara Falls, Ont.” Contains notes concerning sewer projects in Niagara Falls, New York.

Field Book #6, 1895-1897. The title page reads “Property of C.H. Mitchell, Civil Engineer, Niagara Falls Canada, Sept. 1895.” Entries are dated from October 25, 1895 to June 1, 1897. Contains diagrams and notes for Niagara Falls, including the properties of John Lundy and Richard Coulson, the Langmuir lot, the Bradt Anderson Line, Niagara Falls Metal Works, and Niagara Falls Electric Light Company.

Field Book #7--Level, 1895-1896. Title page reads “Property of C.H. Mitchell, Civil Engineer, Niagara Falls Canada, Nov. 1895.” Entries are dated from November 1, 1895 to June 17 1896. Contains notes and diagrams for Niagara Falls, including Victoria Ave., Park St., Ontario Ave., Palmer Ave., Cookman Ave., Ryerson Ave., Epworth Circle, Benson Ave., Clark Ave., St. Lawrence Ave., Stamford Ave., Clifton Ave., Maple Ave., Falls Ave., Centre St., Lewis Ave., Simcoe St., Buckley Ave., Superior Ave., Morrison St., Queen St., Huron St., Cataract Ave., Jepson Ave., and Bender Ave.

Field Book #8, 1895-1897. Entries are dated from November 16, 1895 to June 3, 1897. Contains notes and diagrams for Niagara Falls, including the Niagara Falls Electric Light Co., Niagara Falls Metal Works Co., Niagara Falls water works, Drummondville (Culp St.), River Road, Bender Ave., and levels from Ry. Suspension Bridge-Whirlpool.

Field Book #9—Sewers, 1896. Entries are dated from February 17, 1896 to Dec. 10, 1896. Contains diagrams and notes for Muddy Run, Bender Ave., Park St., Centre St., and Bridge Street.

Book #10—City Street Grades, 1896. Entries are dated from May 19 to June 10, 1896. Contains notes for Niagara Falls including Bridge St, Chestnut St., Park St. Queen St., Huron St., Morrison St., Ellis St., Centre St., Simcoe St., Cataract St., Clifton Ave., Erie Ave., Ontario Ave., St. Clair Ave., Welland Ave., and St. Lawrence.

Book #11—Levels, Sewers, Section no. 2, 1896. Entries are dated from June 6 to Nov. 9, 1896. Contains notes and diagrams for Niagara Falls including Bender Ave., Cataract Ave., Clifton St., Welland Ave., Queen St., Bridge St., Simcoe St., Buckley Ave., Victoria Ave., Chestnut St., and Huron St.

Book #12—Street Grades, 1896-1900. Entries are dated from June 9 1896 to November 22, 1900. Contains notes and diagrams for St. Lawrence Ave. Buckley Ave. Victoria Ave., Maple St., Oak St., Second St., Clifton St., Queen St., River Rd., Cataract, Bender Ave., Ferry Rd., and Terrace Ave.

Book # 13—Level, 1896-1900. Entries are dated from June 11 1896 to Aug. 23, 1900. Contains notes and diagrams for Niagara Falls, including Park St., River Rd., Cataract, and Bender Ave.

Book #14—Level (sewers), 1896. Entries are dated from Oct. 27, 1896 to Dec. 19, 1896. Contains notes and diagrams for Niagara Falls, including Cataract Ave., Bridge St., Huron St., Buckley Ave., Victoria Ave., Bender Ave., Clifton St., Chestnut, Second St., Park St., and River Rd.

Book #15—Severs, 1896-1897. Entries are dated from Nov. 12, 1896 to Sept. 28, 1897. Contains notes and diagrams for Niagara Falls, including Simcoe St., Oak St., Queen St., Bridge St., Morrison St., Maple St., St. Lawrence, Seneca St., Welland Ave., St. Clair Ave., Ellis St., Ontario Ave., Walnut St., Victoria Ave., Chestnut St., River Rd., Cataract Ave., and Clifton Ave.

Book #16—Welland Supply & Power Co., 1896. Entries are dated from Dec. 1, 1896 to Dec. 17, 1896. Contains notes and diagrams for Niagara Falls, including a traverse survey of Chippawa Creek, main line levels, connecting Pell Creek and the Niagara River, and connecting Stanley St. to the canal line via Creek Rd.

Book #17—Level Book, Niagara Falls Sewer Construction, 1897. Entries are dated from May 19, 1897 to Aug. 3, 1897. Contains notes and diagrams for Niagara Falls, including Cataract Ave., River Rd., Queen St., Clifton Ave., Morrison St., Erie Ave., Ontario, Ellis St., St. Clair, Simcoe, Welland, St. Lawrence, Huron and Superior. Contains mostly information on locations of houses and lot lines.

Book #18—Level Book, Niagara Falls Sewer Construction, 1897. Entries are dated from April 18, 1897 to Dec. 29, 1897. Contains notes and diagrams for Niagara Falls, including cross heads and profiles for Victoria Ave., Morrison St., Queen St., Park St., First Ave., Maple St., Chestnut, St. Clair; Location houses and lot lines for Victoria Ave., Morrison St., Queen St., Park St., First Ave., and Chestnut.

Book #19—Level Book, Niagara Falls Sewer Construction, 1897. Entries are dated from April 17, 1897 to Dec. 10, 1897. Contains notes and diagrams for

Niagara Falls, including a drain at Epworth Circle; Location houses and lot lines on St. Lawrence, Benson, Welland, River Rd., Simcoe St., McGrail, Ellen, Maple, Walnut, Victoria, Clifton; profiles and cross heads of St. Lawrence, Benson, Welland, River Rd., Simcoe St., McGrail, Ellen St., Walnut Ave., Maple St., Victoria Ave., Clifton Ave., and Park Ave.

Field Book #20, 1897-1898. Entries are dated from May 4, 1897 to March 14, 1898. There is an index on the first page. Entries include the Tilsonburg Lake Erie and Pacific Railway; College Place; Wilson lot; Methodist Church lot; Galley Farm; YMCA site; ice pond; Moore survey; Stamford Township; Dixon ice-pond; Monastery (Bell and Lorenzo); Boulter Survey (includes part of Portage Rd.); Niagara Falls Parks and River Railway Powerhouse; and levels at Ferry St.

Book #21, 1894. Entries are dated from July 5, 1894 to Nov. 5, 1894. There is no index included. Contains notes and diagrams for Niagara Falls, including Stamford; examination of private surveys on River Rd.; survey of Robinson lot; survey of line on Menzie property; a list of city council for 1893 and 1894; sewers at Ellis St. crossing; Lundy's lots; Niagara River Electric Railroad; and a written testimony titled "Trial of Conolly", dated Oct. 13, 1894.

Book # 22, 1897-1900. Entries are dated from July 13, 1897 to Aug. 1, 1900. Contains notes and diagrams for Niagara Falls, including C.P. Co. [Canadian Power Co.?] survey levels; Bridge St. grades for walks; levels for Erie Ave. and Park St.; curb grades for Clifton Ave.; sketch of Bridge St.; Town Hall walks and lawn; C.P. Co. transmission line; Ontario Power Co. contours, plan of survey of reservoir; survey for walk at Wards store; walks for Ferry Rd., Clifton Ave.; Park St.; Stamford survey lots; Mount Carmel Hospice descriptions; Welland Ave. grades, Queen St. sewers, BATTERY Ave. culvert; and Dynamiters re: NYC tracks.

Book #22A, Ontario Power Co., 1900-1902. Entries are dated from Dec. 7, 1900 to April 25, 1902. An index is also included at the end of the book. Contains notes and diagrams for Niagara Falls, including levels for profile on canal line in Park; line from Park to Pells Creek; levels and cross sections of Pells Creek; measurements of Chippawa Creek; levels over cliff at Table Rock; cross sections of canal in Park; and levels for part of Dufferin Islands.

Book #23, 1898-1900. Entries are dated from March 25, 1898 to July 4, 1900. Contains notes and diagrams for Niagara Falls, including a survey of the Buchanan Lands and Langmuir lot; Niagara Metallic Co.; the Cole Lot on Park St.; Bicycle track levels; Monastery levels; skating rink interior; H.G. Macklem Plyley lot in Chippawa; sketch of YMCA site; Stamford Township; lot survey for Cupolo;

Russell Estate survey; Sandstone Lodge (Queenston); Canadian Niagara Power Co. transmission; Redpath survey; Winery levels; Stanley St. fences (Fralick); Slater Gravel Pit levels; Biggar Chrysler survey; Durham Survey (Fallsview); George Russell survey; and Steinholtz survey.

Book #24, 1900-1901. Entries are dated from April 21, 1900 to June 1901. An index is included on the first page. Contains notes and diagrams for Niagara Falls, including a profile on street railway line; Ferry Rd. profile; Victoria and Welland profile; street railway grades for Erie Ave., and Victoria Ave.; Bridge St. levels for grades for Victoria Ave.; and gate lifting apparatus at Gate House, NFP & RRY Powerhouse.

Book #25—Walks/Surveys/Canada Corundum, 1900, 1903. The first entry is dated Sept. 27, 1900. The remaining entries are dated from April 21, 1903 to Aug. 8, 1903. The first 18 pages contains notes and sketches for the Canada Corundum Co. (Renfrew County). The rest of the book contains notes and diagrams for Niagara Falls, including surveys of lots on River Rd., Epworth Circle, Ellis St., Bridge and Second St., and Stamford Township; survey for profile of River Rd. walks; preliminary levels for walks on Ellis St., Buckley St. and Welland Ave; proposed grades for walks on Ellis St., Buckley St., and Welland Ave.; setting grades for walks on Welland Ave., Ellis St., Queen St., Bridge St. and Buckley St.; and a survey of Buckley St.

Book #26—Welland River Power Co., 1896-1900. The first part of the book contains notes and diagrams of the transit line from Chippawa Creek to Thorold from Station 4150/Roberts (p. 1-78). The second part of the book contains a survey of the Whirlpool Rapids, dated from March 8-11, 1898 (p. 94-120). The third part of the book contains notes and diagrams for Niagara Falls Waterworks, dated from Nov. 22-23, 1900 (p. 121-126).

Book #31, 1901-1903. Entries are dated from Feb. 7, 1901 to June 10, 1903. Contains notes and diagrams for the Ontario Power Co. between Dufferin and Table Rock House; the Maitland River Power Co.; levels and survey of Battles Cement Mill; Credit River Power in Streetsville, Ontario; levels on Ormond St. in Thorold; paving measurements for Bridge St. and Erie Ave.; survey of the Hubbell lot in Fort Erie; and a race course survey near Victoria Ave.

Book #33—Orillia Sewers, 1900-1901. Entries are dated from Sept. 28, 1900 to Sept. 20, 1901. Contains notes and diagrams for lots 45 and 54 in Stamford (Calvin Johnson); O'Reilly's Bridge; North Tonawanda measurements of St. re: Ry. accident; Grand Island Bridge levels from River to M.C.R.; and Orillia sewers.

Book #34—Local Engineering, 1901-1902. Entries are dated from Sept. 3, 1901 to Dec. 18, 1902. Contains notes and diagrams for New Brunswick, including the Nepisiguit River; Pabineau Falls; Tetagouche River; Mill Lake and Little Indian River; St. Margarets Bay; and the Ingram River. Other notes and diagrams include the Kinleith Paper Co. (St. Catharines); Niagara, St. Catharines and Toronto Powerhouse; Queenston St. Bridge (St. Catharines); and the Montrose Bridge.

Book #35, 1901-1904. Entries are dated from March 23, 1901 to March 2, 1904. Contains notes and diagrams for Niagara Falls, including measurements for pole line from Falls View to Woodruff's Place on Lundy's Lane; layout of piers for trestle on the Welland and Grand Island Bridge; sewers on Park St., St. Lawrence, Bender, River Rd., Slater, Buttery Ave., May Ave., Epworth Circle, and Clark Ave.; rock levels on Phillip St., Ontario, Hiram, Ontario, Epworth Circle, and Inskip Ave.; and grades on Orchard Ave.

Book #36—Surveys, 1902-1903. Entries are dated from May 27, 1902 to May 19, 1903. Contains notes and diagrams for Niagara Falls, including a traverse survey of Stanley St. and Portage Rd.; surveys of Victoria St., Third Concession Rd. S., Fisher lots (Village), Hannan lot (Wesley Park), River Rd. walks, closing Fletcher Ave, Stewart block (Falls view), lot 482 in Chippawa, Delaware Ave. (Symmes subdivision), Ice house property (old canal), and several lots in Wesley Park; location of fences on Portage Rd.; Macklem subdivision in Chippawa; Bowman's Ravine Bridge; and walks on Victoria Ave.

Book #38—Nepisiguit Power, 1907. Entries are dated from Feb. 12, 1907 to Nov. 10, 1907. No index is included. Contains notes and diagrams for Nepisiguit Power; High Falls in Bracebridge; Wilson's Falls; and levels on Muskoka River above High Falls.

Book #39—Wahnapitae River Water Power, 1903-1904. Entries are dated from March 17, 1903 to Feb. 11, 1904. Contains notes and diagrams of the Wahnapitae River power system.

Book #41—Pavements, 1903-1904. Entries are dated from June 16, 1903 to Aug. 10, 1904. Contains notes and diagrams for Niagara Falls, including preliminary surveys for pavements on Bridge St. and River Rd.

Book #42—Surveys, 1903-1904. Entries are dated from June 15, 1903 to March 19, 1904. Contains notes and diagrams of Niagara Falls, including surveys of

Main St. & Lundy's Lane, Wesley Park, Dixon St., Buchanan, walks at Kitchener and Walnut, White Ave., some lots on Bridgewater St. (Chippawa), Marsh Drain in Willoughby Township; survey of sand house for Niagara Falls Machine Co.; survey of Clifton House lot; survey of lots in Chippawa; and surveys of Lovejoy's lots and house.

Book #43—H.D. Symmes No. 2, 1903-1904. Entries are dated from April 13, 1903 to June 29, 1904. Contains notes about sections on pipe line.

Book #44—Lot Surveys (General), 1903-1904. Entries are dated from Aug. 29, 1903 to Aug. 24, 1904. Contains notes and diagrams of Niagara Falls and Fort Erie, including the Clifton House lot; Wesley Park; part of Arthur St. (Township of Bertie); Jarvis St. in Bridgeburg; corner of Main & Ferry Streets; levels on Muddy Run; Redpath property; and some lots on Epworth Circle; Stamford; Stanley St.; Philip St.; Centre St.; Robinson St.; Bender plot; Clark Ave.; Roberts St.; Ellen St., and a survey for stone quarry, Whirlpool ravine.

Book #45—Sewers, Section II, 1904-1905. Entries are dated from April 13, 1904 to Nov. 7, 1905. Contains notes and diagrams for Niagara Falls, including levels and grades on Murray St., Stanley, Magdalen, Allen St., River Rd., Victoria Ave., Main St., Orchard Ave., Robinson, Main St., Barker St., Ferry, Summer St., Culp St., and levels over Menzie Estate.

Book #46—O.P. Co. Transmission lines, 1904. Entries are dated from May 26, 1904 to Sept. 22, 1904. Contains notes and diagrams for Niagara Falls, including a survey of 2nd Concession Rd., Stanley, Stone Rd., Robert St., Allen St., and Victoria St. to the power canal. Also includes the location of poles on Stanley, Stone Rd., Robert St. and Victoria St.

Book #47—Walks and Sewers, 1904-1905. Entries are dated from June 9, 1904 to April 1905. Contains notes and diagrams for Niagara Falls, including sewers on River Rd., Otter St., and Roberts St.; sidewalks for Temperance St., Stanley, Park St., Epworth Circle, Seneca St., St. Clair St., Robert St., Ellis St., and Park and First Streets; rock levels for Otter St., River Alley; estimate for market platforms; frontages for Epworth Circle; sidewalks and levels for Delaware Ave., Summer St., Queen St., McGrail Ave., Jepson St., First St., St. Clair, Benson, and Welland Ave.

Book #48—Sewers, Section II, 1905. Entries are dated from Jan. to July 1905. Contains notes and diagrams for Niagara Falls, including levels for sewers on Peer St., Ross St. and Main St., Culp St., Victoria Ave., Ellen, Clark, Ferry,

Buchanan St., Allen St., Spring St., Barker St., and Lundy's Lane; lines for Stanley St., Buchanan St.; location connections for Spring St. and Lincoln St.; grades for Ferry St., Culp St., Victoria, Sixth, McGrail, Centre St., Palmer Ave., Ryerson, Clark, Summer St., North St., Gray St., Ellen St., Peer St., Ross St., Spring St., Lundy's Lane, and Allen St.; and lot frontages on Barker St., Main St., Stanley St., Spring St., Ellen St., Clarke St., Ferry St. and Peer; and levels on bottom of south post office cellar.

Book #49—H.D. Symmes (contractor) cont'd, no. 3, 1904. Entries are dated from July 22, 1904 to October 3, 1904. Contains notes on sections of O.P.C. pipeline, preparatory to retilling.

Book #50—Engineering, 1904-1905. Entries are dated from July 12, 1904 to Nov. 10, 1905. Contains notes and diagrams for Port Hope sewers and Bridgeburg sewers; a survey for rifle ranger in St. Catharines; an extension of N.S. & T. R.R. at Falls view; final measurements for Chippawa walks; Welland Water Works; and a survey of Murray St. improvement.

John H. Jackson, Civil Engineer, Niagara Falls, Canada, 1904-1910, 1929, n.d.

Box 2 Book #51—Tilsonburg Waterworks, 1904. Entries are dated from June 27, 1904 to Aug. 1, 1904. Contains diagrams and notes concerning the Tilsonburg Waterworks.

Book #52—Assessments, 1904. Entries are dated from July 25, 1904 to Nov. 25, 1904. Contains notes and diagrams for areas in Tilsonburg, including the Lossing property; Tillson's subdivision; Bidwell St. for waterworks, and Durham St. for waterworks. Other work includes Foster's flats survey; River Rd. survey for O.P. Co.; survey of lots at the corner of Vienna and Van Streets, Tilsonburg; and a sketch and survey of Tilson Ave. in Tilsonburg.

Book #53—Lot Surveys, General, 1904-1905. Entries are dated from Sept. 7, 1904 to May 8, 1905. Contains notes and diagrams for Niagara Falls, Fort Erie, and Thorold, including a survey of lot 1 on Lakeshore Rd. in Fort Erie; a survey of part of Bridge St.; McDougal; South St.; Stamford Township; Thorold Township; Stanley St. south of Ferry; road between North St. and Lundy's Lane; Ellis St.; Centre St.; Ferry St.; Dixon's ice pond; O.P.C. right of way across Pew and Menzie properties; Shredded What Co.; Wesley Park; Kitchener St.; part of Jepson Ave.; Roberts St.; Park St., McGrail Ave.; Rysdale subdivision; Second Ave. and the

Imperial Bank lot at the Upper Bridge; grades and levels for Clifton House; levels of Portage Rd.; and OPC lot levels store house.

Book #54—O.P.C. Crossing, 1904-1905. Entries are dated from Oct. 19, 19[04] to April 26, 1905. Contains notes and diagrams for sections on the American and Canadian side.

Book #55—Sewers (south end) rock levels, 1904-1907. Entries are dated from Oct. 30, 1904 to July 19, 1907. Contains notes and diagrams for Niagara Falls, including rock levels for Magdalen St., Ferry St., River Rd., and Ryerson Ave.; walks for Benson St., St. Claire Ave., Welland Ave., Robinson St., Ann St., Lewis Ave., Roberts St., Ryerson Ave., St. Lawrence, Maple St., and First St.; sewers for Liberty St., Ryerson Ave., Queen St., Ferguson St., and Ann St.

Book #56—O.P.C. Transmission Line book, 1905. Entries are dated from Feb. 6, 1905 to Feb. 27, 1905. Contains notes and diagrams for Niagara Falls, including areas along Stanley St., the racetrack to N.S. & T., Victoria St., Morrison St., Bowman's ravine, Portage Rd., Allanburg Rd. and a survey of Kiemele buildings.

Book #57—O.P.C. Lands, 1905-1908. Entries are dated from March 14, 1905 to March 23, 1908. Contains notes and diagrams for Niagara Falls, including surveys of right of way across the Menzie farm, Wabash and the G.T.R. tracks, the Black farm, and the Pew properties; survey of Whirlpool Rd.; roadway to Transformer House; and a survey of O.P.C. lands in Chippawa.

Book #59—Surveys (General), 1905-1906. Entries are dated from May 9, 1905 to April 10, 1906. Contains notes and diagrams for Niagara Falls, Chippawa, Fort Erie, and Niagara-on-the-Lake. Contains surveys of lots in Chippawa; the Macklem subdivision on Bridgewater St.; lots on McDougal Ave., Sixth St., Epworth Circle, J.F. Kerns in Fort Erie; ice house for Boulter on the Welland Canal; Victoria Ave.; Stamford Township; Palmer Ave.; Main St.; River Rd.; Ellen St.; Lundy's Lane; Dixon St.; Wesley Park; Ontario Ave.; Morrison St.; Walnut St.; Kitchener St.; corner of Ferry St. and Stanley St.; corner of Jepson and First; Lundy's Lane Methodist Church; Buchanan St.; Ryerson Ave.; Chrysler survey (subdivision) for straightening Ontario Ave.; and a survey for Nash in Niagara-on-the-Lake.

Book #60—Walks and Sewers, 1905. Entries are dated from Aug. 1, 1905 to Oct. 28, 1905. Contains notes and diagrams for Niagara Falls, including Allen St., Culp St., Temperance, Seventh, Lincoln, Erie Ave., Buchanan St., Main St., Benson, Welland Ave., Jepson, Ellis, Seventh St., Clark Ave., McGrail Ave., Palmer Ave.,

Centre St., St. Clair Ave., Fifth St., Stanley, McDougall, Second St., First St., Buchanan, Ryerson Ave., Murray St., Oak St., Victoria Ave., and Peer St.

Book #61—Pavements No. 2, 1905-1906. Entries are dated from May 25, 1905 to Jan. 20, 1906. Contains notes and diagrams for Niagara Falls, including Clifton St., Park St., Erie Ave., Queen St., and Bridge St.

Book #62—O.P.C. Transmission Line, 1905. Entries are dated from June 1, 1905 to Oct. 12, 1905. Contains notes and diagrams for Allanburg Rd. in Thorold; Stone Rd.; chaining and pole line on Island (Port Robinson to Welland); poles on Allen St. and Spring St.; and frontages on Gladstone Ave.

Book #63—Walks and Sewers, 1905. Entries are dated from Nov. 1, 1905 to Aug. 3, 1906. Contains notes and diagrams for Niagara Falls, including sewer grades for Palmer Ave., Stanley St., Emery St., Temperance, North and Main St.; walks for Market Square; grades for Palmer Ave., Peer St., Drummond Ave., Sixth St., and Welland Ave.; levels on Dr. Olmsted's cellar, Murray Bros. Store cellar, and Main St. cellars; grade and levels on Palmer Ave., McDougall Ave., Main St., Victoria Ave., McGrail, and Queen and Victoria; walks for Culp St., Ellen St., and Victoria Ave.; and levels for hospital sewer at Jepson, Second and First Streets.

Book #64—O.P.C. Transmission lines, 1905-1907. Entries are dated from Oct. 13, 1905 to Sept. 10, 1907. Contains notes and diagrams for pole lines on Burgar St.; levels over canal property and Burgar St.; the connecting line at Port Robinson with line on island; line on Morrison St.; lines along the canal (Welland to Port Colborne and Allanburg to Thorold); lines at Port Robinson; surveys of crossings of the Welland Canal at Young St. and Merritt St. in Welland; railway crossings over the G.T.R. on Main St. in Welland; railway crossing at Plymouth Rd. in Welland; transmission line on Stone Rd., Ramapo Iron Works; and a transmission line survey in Welland-Niagara Falls.

Book #65—Engineering, 1905-1907. Entries are dated from Dec. 30, 1905 to Aug. 19, 1907. Contains notes and diagrams with levels on Murray St. for improvement for Chippawa Water Works; sand pit at St. Davids; survey for Phipps St. sewer in Bridgeburg; levels for crusher plant, M.C.R.R. near St. Davids; rock levels on McDougall, Inskip, Epworth, Ryerson, Centre St. and Victoria; levels for sewer at Maplehurst Hotel, Lake Rosseau, Muskoka; levels and grades for sidewalks in Stamford Township; levels around Ingles Quarry; and grades on Victoria St., Stanley, and Portage Rd.

Book #66—Surveys, 1906-1907. Entries are dated from April 28, 1906 to Nov. 6, 1907. Contains notes and diagrams for lots in Niagara Falls, including some on Ferry St., Inskip Ave.; Robinson St.; Bridge St.; Niagara St. (Fort Erie); St. Paul's Church property (Fort Erie); Clifton House; Ellis St.; Terrace Ave.; Wesley Park; Hiram St.; Culp St.; Victoria Ave.; Ferguson Ave.; Princess St. (Queenston); Dumfries St. (Queenston); McDougall Ave.; Main St., Ryerson Ave.; Sixth St.; South St., Palmer Ave.; Kitchener St., Terrace Ave.; measurements of houses in "little" manslaughter case; Ferry St., Welland Ave.; Roberts St.; Kitchener St.; Centre St.; River Rd.; Ellen St.; Queen St.; Cataract Ave.; Woodlawn (Town of Niagara); First St.; Simcoe St.; Fourth Ave.; St. Patrick St.; John St.; Epworth Circle; Jepson St.; Clarke Ave.; Benson St.; Vine Ave.; Distillery lot on Queen St. in Queenston; Wadsworth St. (Fort Erie); River Rd. (Imperial bank); Buttery Ave.; Ontario Ave.; Welland Ave.; Johnston St. (Niagara-on-the-Lake); Morrison St.; Douglas St. (Fort Erie); Crescent Beach (Bertie); Sanitary Can Company; Walnut St.; and O.P.C. canal lands (Chippawa).

Book #67—City Works, 1907. Entries are dated from April 29, 1907 to Nov. 15, 1907. Contains notes and diagrams for areas in Niagara Falls, including sections on River Rd. (Upper Arch Bridge to Park); levels on Cookman and Inskip Ave.; Fourth St., Morrison St.; Third Ave.; Second Ave.; N.S. & T. Railway; Hamilton St.; Pine St.; Victoria St.; Buckley Ave.; May Ave.; Ontario; Peer St.; St. Lawrence; St. Clair; South St.; Hutton Ave.; Huron St.; Park St.; Queen St.; Ferry Rd.; Ice pond (Niagara ice company); Ferguson Ave.; Ryerson Ave.; Prospect Ave.; McDougall Ave.; Grey St.; Ellen Ave.; Walnut St.; Lewis Ave.; and levels for walks at Fonthill.

Book #69—Ont. Dist. Co. and Ont. Power Co., 1907-1908. Entries are dated from Nov. 1, 1907 to June 13, 1908. Contains notes and diagrams for areas in Niagara Falls, Port Colborne, Welland, and St. Davids. Includes pole lines in Stamford, and Helles Ave. in Welland; a survey of submarine crossing Welland Canal, Killaly St., Port Colborne; Bell telephone poles on Stanley Ave.; levels on 3rd Con. Road for O.P.C.; and grades on poles on Stone Road, St. Davids.

Book #70—Water Works, 1908-1909. Entries are dated from Feb. 5, 1908 to Jan. 26, 1909. Contains notes and diagrams including measurements of the pump room and wheel room; details of main shaft and pumps; O.P.C. bridge for water main; foundations in pump house; pole line surveys; cable line surveys; levels for cable line and levels in pump house.

Book #71—Surveys, 1908-1910. Entries are dated from Feb. 14, 1908 to Dec. 3, 1910. Contains diagrams for Niagara Falls, Chippawa, Bertie, Thorold, Fort Erie,

and Niagara-on-the-Lake. Includes parts of Stamford Township; Sanitary Can Co.; Lamont farm and Slater farm (Chippawa); Wesley Park; hospital site on Jepson St.; Crescent Beach property (Bertie Township); factory site at Thorold (T.E. Ferris); tunnel from old canal to pulp factory (Thorold); survey of part of Macklem property (Chippawa); Bell telephone company survey; Ridgeway survey; Crane Brothers survey (Niagara Falls); and the pulp mill in Thorold.

Book #72—Assessments, 1907-1908. Entries are dated from May 26, 1908 to Dec. 7, 1908. Contains notes and diagrams concerning the O.P. Co., including a survey of Creek crossing; O.P. Co. line near Montrose; layout of transmission line (Welland) on Right of Way; survey of road for line and levels from Furrie's to M.C.C.R. on east side; section of poles on road in Stamford; measurement of O.P. Co.'s pole lines in Crowland for assessment; pole line survey for O.P.C. in Welland and Merritton; pole line survey from pump house over M.C.R. tracks; and traffic bylaws for the City of Niagara Falls.

Book #74—Engineering, 1909-1910. Entries are dated from May 5, 1909 to June 21, 1910. Contains notes and diagrams for Fort Erie and Niagara-on-the-Lake, including levels for sewers on Regent St. (Niagara-on-the-Lake); survey along River for boulevard in Fort Erie; measurements for walks in Fort Erie; levels on St. John's Marsh drain; levels for Meyer's drain (Willoughby Township); levels for Armstrong Drain (Niagara Township); pole line for Ont. Dist. Co.; survey of farm at Crescent Beach; levels for Boyer's Creek; and Niagara sewers.

Book #79—Miscellaneous, 1929, n.d. Most of the entries are not dated, but a few are dated Nov. 6, 1929. Contains notes and diagrams for levels of a proposed wading pool on Jepson St.; Murray St.; elevations for pavement on Stanley St. at N.S.T.; a profile of Clifton Hill; cemetery sewer; levels of M.C.R. bridge (Newman Hill); and track levels of M.C.R. siding, Murray St.

Book #27, 1907-1908. Entries are dated from Nov. 24 [1907] to Sept. 15, 1908. Contains notes and diagrams for sewers on Inskip Ave., James, Centre St., Brydges Ave., and Ryerson Ave.; pavements and sidewalks on River Rd.; lot 4 in Grantham Township; walks for Walnut St., Ellen Ave., Ryerson, St. Lawrence, Hutton; Fonthill sidewalks (Canboro Rd.); curbs for Main St.; Morrison St. sewer levels; walks for Hiram St., Victoria Ave., Roberts St., Ferry St., Sixth St., Second Ave., Buchanan St., Robinson, South, Second Ave., St. Lawrence, Temperance St., Benson St., James St., Hiram St., Cookman Ave., and Inskip Ave.; and sewers for Morrison St.

Anderson & Barry books, 1911-1921, n.d.

Box 3 Index to Field Books, 1914-1921, n.d. The index covers books 1 through 72.

Field book—Assessments. Entries are dated from Nov. 7, 1911 to Dec. 21, 1911. Contains notes and diagrams for Niagara Falls, Niagara-on-the-Lake and Port Colborne, including the Kerr drain; Regent St. sewer; Chippawa walks; Presbyterian Church in Stamford; Melville St.; Lot 2, con. 1, Wainfleet, Port Colborne; Bridgeburg Bridge; and Shepherd ditch levels.

Field Book, 1911-1912. Entries are dated from April 7, 1911 to May 18, 1912. The title page reads "Return to Anderson & Barry, Niagara Falls, Ontario, 1912". The first page contains an index. The notebook mostly contains plans of lots in Niagara Falls, Fort Erie, St. Davids and Humberstone. Sites include Lowrey's Crusher plant in St. Davids; Survey Dominion Cannery in St. Davids; Ontario Distributing in Stamford; and the Peacock subdivision in Humberstone.

Field Book, 1912. Entries are dated from May 28-1912 to October 26, 1912. An index can be found on page 134. The notebook mostly contains diagrams and notes for properties in St. Catharines, Welland, and Chippawa. Sites include the Peacock subdivision in Humberstone; the Vine subdivision in St. Catharines; F.H. Leslie's lot at Clifton and Park; and the Gayman subdivision in Grantham.

Assessments, 1912-1913, n.d. Entries are dated from June 2, 1912 to Aug. 6, 1913. Many of the entries have no date. Contains notes and diagrams in Niagara Falls, including Marsh in Stamford; Fairview subdivision and Pew farm; Norton Co. in Chippawa; and houses on Jepson, Armoury, and Wilmott.

Field Book, 1912. Entries are dated from June 13 to June 28, 1912. Contains notes and diagrams for Niagara Township Levels; the Lash Property, Highland Creek; Niagara Township from Creek to Parnall; and the farm for Miller Lash, Highland Creek.

Book #9—Assessments, 1912-1913, n.d. Entries are dated from Oct. 23, 1912 to July 18, 1913. Many of the entries are not dated. Contains notes and diagrams for Niagara Falls and Vineland. Areas covered in Niagara Falls include the corner of Victoria and Lundy's Lane. The Johnstone (lot?) in Vineland is included.

Book 1, titled "Electric Light", Engineering Department, Niagara Falls, Ont., 1913. Entries are dated from Oct. 29, 1913 to June 1, 2015, n.d. Contains street plans and measurements; proposed River Road lighting system from Bridge St. to Ferry

Hill (Niagara Falls); measurements for standards placed, 1915; and levels of R.R. crossings for cable to submit to Ry. Board.

Field book, 1913. Entries are dated October 1913. Contains notes and diagrams for Niagara Falls, Fonthill, Fort Erie, and Chippawa. There is no index.

Field book, 1912-1913. Entries are dated from September 25, 1912 to February 15, 1913. Contains notes and diagrams for St. Catharines, Welland, and Niagara Falls. Includes the Vine subdivision in St. Catharines; Crowland Township; Auburn Nurseries; and Lundy's Lane.

City of Niagara Falls, Book #4, n.d. Contains mostly sections clipped from blueprints showing the lots and roads in Niagara Falls, and pasted into the notebook. Areas include River Road, Ferry Hill, Silvertown, Victoria Ave., Park St., Bridge St., Huron St., Morrison St., St. Clair, and Epworth Circle and surrounding area. Also contains some handwritten notes and diagrams.

Field book, 1912, Entries dated from August 12, 1912 to September 24, 1912. Contains notes and diagrams for Grantham, Fort Erie, and Niagara Town.

City of Niagara Falls, Book #5, 1913. Contains notes and diagrams for Niagara Falls, including the muddy run drainage area; levels along Creek (Arlington to Victoria); levels along Creek (Victoria to Stanley; Victoria/Morrison to Bender, McRae & adjacent streets, O.P.C. Line north from Morrison, Third north from Morrison, Fourth south to Bridge, and Hamilton St. district).

Field book, 1912. Entries dated from February 1912 to June 1912. Contains notes and diagrams for Ridgeway, St. Davids, Humberstone, Chippawa, Niagara Falls and Erie Beach. Areas include Schooley Rd. in Ridgeway; Canadian Cannery in St. Davids; Peacock subdivision in Humberstone; Flommerfelt in Chippawa; and Niagara Falls Driving Park.

Field book, 1912. Entries are dated from May-August 1912. Contains notes and diagrams for Niagara Township, Erie Beach, and Niagara-on-the-Lake. Includes Niagara Township drainage levels from Four Mile Creek to Hamilton's Gully, and Melville St. in Niagara-on-the-Lake.

City of Niagara Falls, Sewers Construction (#7), 1913. Entries are dated from April 1914. Contains notes and diagrams for Niagara Falls, including Muddy Run; Maple Street School; curb to curb measurements at Queen St., Ferry St. and Main St.; buildings at Deleware, Culp, and Robinson; and Third Ave. sewers.

City of Niagara Falls, Book #6, 1915. Entries are dated from December 12, 1913 to November 7, 1919. Contains notes and diagrams for Niagara Falls, including the M.C.R. crossing at Ferry Hill, cemetery fence levels (Fairview Cemetery?), and Robinson St.

Book #8, Sanitary Sewers—proposed, 1914. Entries are dated from May 6, 1914 to Aug. 5, 1915. Contains notes and diagrams for Niagara Falls, including Maple St., Lewis Ave., Willmott St., Orchard Ave., and Bampfield St.

Book #9—Proposed Sidewalks, 1915. Entries are dated from May 27 to Oct. 9, 1915. Contains notes and diagrams for Niagara Falls, including Second Ave., Willmott St., Oak, Third, Benson, Ontario, Bampfield, Simcoe, Park, River Rd., Eastwood, Epworth, Ryerson, Bender, Hunter, Kitchener, Walnut, Hunter, Kitchener, Walnut, Powell, Robert to Stamford, Stuart, McRae to Stamford, and Barker.

Book #10—Proposed Sidewalks Book II, 1915. Entries are dated from July 14 to Sept. 27, 1915. Contains notes and diagrams for Niagara Falls, including River Rd., Spring St., Kitchener St., Ontario Ave., Benson St., Eastwood St., South St., Roberts St., Simcoe, Willmott St., Second Ave., Third Ave., Park St., River Rd., Temperance Ave., Spring St., Stuart, Stamford, and Powell.

Book #11—Sanitary Sewers (1915), Sidewalks (1916-1917). Entries are dated from May 19, 1915 to Oct. 2, 1917. Contains notes and diagrams for Niagara Falls, including Hamilton St. sewers; Falls Ave. sewers; Second and Third Ave. sewers; Oak St. sewers; River alley sewer extension; sidewalks on Third Ave.; sidewalks for Third Ave., First Ave.; Maple St. Summer, St. Lawrence, Oak, Ontario, Seneca, Stanley, Florence and Delaware.

Book #12—Proposed Sidewalks and Proposed Sewers (Book 2), 1914. Entries are dated from July 21, 1914 to Sept. 19, 1914. Contains notes and diagrams for Niagara Falls, including sidewalks for River Road, Delaware Ave., First Ave., Pinegrove Ave., Third Ave., Burn Ave., Benson St., McDonald Ave.; grades for Roberts St., Kitchener St., Lorne Ave., Centre St., Falls Ave., Simcoe St., Ryerson Ave., Delaware, Fourth Ave., Morrison St., Burn Ave. and Third Ave.

Book #13—Proposed Sewers and Sidewalks, 1914 (Book 3). Entries are dated from Sept. 19, 1914 to Dec. 26, 1914. Contains notes and diagrams for Niagara Falls, including sidewalk grades for Buttery St., Orchard Ave., Stanton Ave., Doris, Bampfield St., Orchard Ave., Delaware, Simcoe St. and Terrace Ave.; and sewer

grades for Terrace Ave., Bampfield, Stuart, Queen St., Ontario Ave., Second Ave., Queen St., Wilmott St., and Third Ave.

Book #14 (WCJ General), 1915-1918. Entries are dated from March 2, 1915 to Sept. 11, 1918. Contains notes and diagrams for Niagara Falls, including sewer grades for Victoria, Buttery, Pine, G.T.R., Second Ave., Third Ave., Fourth Ave., Fifth Ave., Sixth Ave.; location of the Olympia Rink Pond; profile of Ferry Rd. and M.C.R. Crossing; traverse of Murry Hill and River Rd. south of Bender; levels on Barker St.; profile of Hamilton & Homewood sewer; levels and layout of Muddy Run at Park and Welland; and the Hamilton St. sewer system.

Book #15—Proposed Sewers, 1915-1916, 1919. Entries are dated from March 13, 1915 to June 10, 1916, and one for Oct. 10, 1919. Includes notes and diagrams for Niagara Falls, including sewer levels for Hutton Ave., Bender St., Falls Ave., Ontario Ave.; sewer grades for Bridge St., Ash St., and Hutton Ave.; a rock profile of Falls Ave.; and a River Alley sewer extension at Eastwood.

Book #16—Sidewalk and Sewer Measurements, 1914-1917. Entries are dated from July 31, 1914 to Nov. 30, 1917. Includes notes and diagrams for Niagara Falls, including measurements for Maple St., Morrison St., First Ave., McDougall, Falls Ave., Centre St., Lorne, McDonald, Kitchener, Roberts, Third Ave., Burn, Fourth Ave., Fifth Ave., Dawlish, Police Station (south), Ryerson, Buttery Hill, Bampfield, St. Clair, Simcoe, Welland, Victoria, Delaware, Stanton, Orchard, Victoria, Ontario, Benson, Hunter, Kitchener, Walnut, Wilmott, and River Rd.

Book #17—Proposed Sidewalks, 1914. Entries are dated from May 9 to July 14, 1914. Includes notes and diagrams for Niagara Falls, including Levels for Third Ave., Victoria Ave., Morrison St., Lewis Ave., Buttery Ave., Orchard St., Stanton Ave., Dawlish, Roberts St., Kitchener St., Lorne St., Ryerson, McDougall, McDonald, and Wilmott St.; Grades for Wilmott St., Morrison St., First Oak, Maple St., Ryerson, Kitchener-Dawlish-Roberts, Second-Simcoe, Maple-Burn Ave., and Third-First.

Book #18—Sidewalks (1916) and Sewers (1917). Entries are dated from June 22, 1916 to May 22, 1918. Includes notes and diagrams for Niagara Falls, including levels on Eastwood St., Victoria Ave., Fourth Ave., Kitchener, Summer, and Stanley Ave.; lines staked for walks on St. Lawrence, Fourth Ave., Kitchener St., and Summer St.; and sewer grades on Wilmott and Hamilton St.

Book #19—Pavements (Culp, Roberts, Kitchener & Walnut), 1914-1919. Entries are dated from May 7, 1914 to May 1919. There is no index in this volume.

Contains notes and diagrams for Niagara Falls, including Culp St., Roberts St., Walnut St., and River Rd. Also contains the width of roads taken between edges of sidewalks that connect Epworth Circle to Ryerson Ave. or Victoria Ave.

Book #21—Victoria Ave. Pavement, Book 2, 1914-1915, 1919. Entries are dated from July 3, 1914 to Oct. 7, 1915, with one entry dated May 21, 1919. Contains notes and diagrams for Niagara Falls, including Orchard Ave. sewer grades; Victoria Ave. pavement; sidewalk levels for Third Ave. and Maple St.; Oddfellows building walk; and Queen St. curb grades; pavement levels; curb measurements; and water and sewer connections.

Book #22—Pavements, 1914-1919. Entries are dated from April 1914 to June 1914, and May 1919 to Aug. 1919. Contains notes and diagrams for Niagara Falls, including materials and prices on Victoria Ave. P.; buildings on V.A.P.; Plan at Ferry and Main; River Road; and Muddy Run.

Book #23—Muddy Run, 1914. Entries are dated from Nov. 24 to Dec. 1, 1914. Contains notes and diagrams for Niagara Falls, including the traverse at creek, levels on creek, levels west at O.P. lines, and Muddy Run.

Book #24—Muddy Run, 1914-1921. Entries are dated from April 29, 1914 to Nov. 2, 1915 and Jan. 14, 1920 to Nov. 26, 1921. Contains notes and diagrams for Niagara Falls, including levels at Stamford, Stanley St., Kitchener St., North St., Buchanan Ave., Sixth St., Fifth St.; benchmarks in Wesley Park district; levels on North St.; levels below bank at Queen St. & Park St., Huron St., Seneca St., Bender St.; Park St.; and levels below bank at Ferguson outlet.

Book #25—Walks/Lines Stakes (1916) & Walks (1917). Entries are dated from Aug. 4, 1914 to Sept. 16, 1920. Contains notes and diagrams for Niagara Falls, including lines staked for walks on Wilmott St., Fourth Ave., Third Ave., Morrison St., Kitchener, St., Stanley Ave., Fifth Ave., St. Lawrence, Summer St., Maple St., Ontario, Oak, Seneca, Florence, and Delaware.

Book #26, 1913. Entries are dated from April 9, 1913 to Aug. 2, 1913. Contains notes and diagrams for Port Robinson walks; Culp St. grade for J. Symmes; Tripp in Humberstone; Menzie subdivision; Menzie Estate; Usher in Queenston; and the Spence lot on Main St. South.

Book #27—Pavements, 1920. Entries are dated from May 26 to June 11, 1920. Contains notes and diagrams for Niagara Falls, including pavement for Palmer Ave., Lewis Ave., St. Clair Ave., Lincoln Ave., Buchanan, Lombard, Slater, Sixth

Ave., Fifth Ave., and Palmer Ave.

Book #31—Levels for Pavements, 1919-1920. Entries are dated from June 6, 1919 to Jan. 13, 1920. Contains notes and diagrams for Niagara Falls, including profile notes for Epworth Circle, Ryerson Ave., St. Clair Ave., Kitchener St., Park St.; profile for Muddy Run; pavement for St. Clair Ave., Palmer Ave., Lewis Ave., Second Ave., and Kitchener St.

Book #32, 1919. Most entries have no date. Contains notes of levels at Muddy Run, M.C.R., Second Ave., Stamford St., Lewis Ave., and Lincoln Ave.

Field book, 1914. There is no index included. Entries are dated from Feb. 28, 1914 to May 21, 1914. Contains notes and diagrams for properties in Stamford (Hardwick property), Wainfleet, Niagara Township and Humberstone.

Other books, 1898-1934, n.d.

Box 2

Book #1—Assessments, 1898-1899, n.d. Entries are dated from Dec. 1898 to Aug. 14, 1899. Many of the entries do not have dates. The title page reads “Niagara Falls Hyd. Power & Mfg. Co., Office of W.C. Johnson, Chief Eng., 170 Main St., Niagara Falls, N.Y.” Contains notes and diagrams, including levels on canal line in Grand Falls, New Brunswick; Sturgeon Falls (stadia stations); Simcoe St.; and Ontario Ave. near Morrison.

Book #70—Sidewalks, 1915-1926. Entries are dated from May 28, 1915 to Sept. 21, 1926. Front page reads “sidewalks drawn by Cecil Grady, City Engineers Office...”. Contains diagrams of sidewalks in Niagara Falls, including those on Armoury, Bender, Bridge, Buckley, Buttery, Cedar, Dawlish, Delaware, Dora, Ferguson, Fifth, First, Florence, Fourth, Heywood, Huron, Jepson, Kitchener, MacDonald, Main, Maple, Morrison, Ontario, Orchard, Ottawa, Pine Grove, River Road, Robinson, Rose-Dale, St. Clair, St. Lawrence, Second, Seneca, Simcoe St., Sixth Ave., Slater, Spring, Stamford, Stanley, Summer, Symmes, Temperance, Valley Way, Victoria, Walnut, and Willmott.

Book #73—Engineering, 1908-1909. Entries are dated from June 15, 1908 to June 23, 1909. Front page reads “Contour survey for American Cyanimide Co....Fred H. Chesnut”. Contains notes, including a contour survey American Cyanimide Co., lot 76; levels on sewer line for American Cyanimid Co.; levels for Boyers Creek and St. John’s Creek drains; and levels for Fort Erie walks.

Book #75—Engineering, 1910-1911. Entries are dated from June 1910 to Oct. 24, 1911. Front page reads “F.W. Paulin, Niagara Falls...” Contains notes and diagrams for Thorold, Niagara Falls, and Niagara-on-the-Lake, including the railway and canal crossing for C.P.C. at Thorold; grades for Victoria, Murray St., and Lundy’s Lane; Vrooman Drain (Niagara Township); Ont. Dist. Co. pole line; Lowrey’s Sand Pit; sewers from Victoria St. to Simcoe; Waterworks Stand pipe; levels for sewerage system (Niagara); Cyanimid Co.; sewer levels for St. Mark’s Church (Niagara-on-the-Lake); Davy and Johnston St. sewers; Front St. sewer (Niagara); Regent St. sewer; and preliminary canning factory to Spring sewer.

Field sketches, 1924-1928, n.d. Entries are dated from Oct. 15, 1924 to Aug. 22, 1928. Many entries are not dated. A partial index is included. Contains sketches of the location of factories on Buttery Ave.; intersection of Queen and Erie; Victoria Ave. pavement in the vicinity of Centre St.; survey around lower bridge for proposed roadway; location of new C.N.R. tracks on Bridge St.; survey of proposed subway at Victoria Ave. opposite Walnut St.; survey of River Rd. at Eastwood Ave.; locations of buildings on the west side of Victoria Ave.; McGrail Ave. at Ferry St.; Glenview Sewerage System on River Rd.; City Hall cellar floor plan; Portage Rd. near Depew; Victoria Ave. near McDougal; Queen St. and St. Clair Ave.; Powell Ave.; Kitchener St.; floor plan of a building at the corner of Park and Welland; City Hall floor plans; Clifton Ave.; Bridge St. near Erie Ave.; Alma St.; Drummond Rd. and Lundy’s Lane; unidentified house plans; and siding to Shredded Wheat.

Field notes M-Z, re: pavements, walks and sewers, 1919-1934. Contains handwritten notes filed by street name.

Stanton Iron Works booklet. A pocket sized reference guide to Stanton spun iron pipes and flexible joints.

Series II: Weekly time books, 1914-1918.

Box 2 Weekly time book, 1914-1915. Contains names of employees and hours worked.

Weekly time book, 1914-1915. Contains names of employees, hours worked and wages paid. Entries are dated from June 13, 1914 to Jan. 23, 1915.

Weekly time book, 1914-1915. Contains names of employees, hours worked and wages paid. Entries are dated from December 1914 to August 1915.

Weekly time book, 1915. Contains names of employees, hours worked, and wages paid. Entries are dated from April 2, 1915 to August 6, 1915.

Weekly time book, 1915, 1917. Contains names of employees, hours worked, and wages paid. Entries are dated from April 2, 1915 to Aug. 6, 1915 and a few entries for May 1917.

Time book, 1914-1918. Contains names of employees, hours worked, and wages paid.

Series III: Benchmarks, 1902-1934, n.d.

Box 3

Benchmarks, 1902-1934, n.d. Contains a blueprint of primary benchmarks of the Niagara development hydro-electric power commission of Ontario; a table of benchmarks in Niagara Falls including elevation, location and description; a comparison of datums for levels from the Niagara Falls Power Co. and the Q.V.N.F.P.C. (1902); benchmarks by street names; benchmarks established by the City Engineer (Niagara Falls); and a description of bench marks in Niagara Falls, Ontario.