



THE CORPORATION OF THE CITY OF BRAMPTON

# BY-LAW

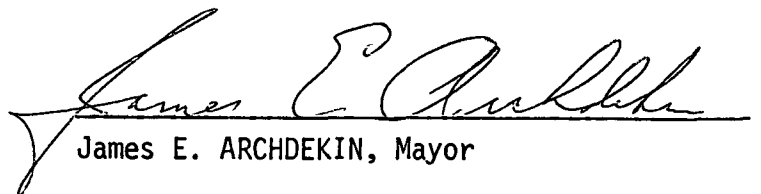
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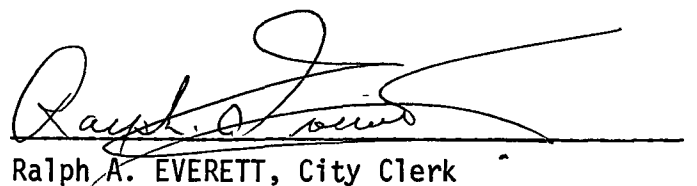
To authorize the execution of an Agreement between The Corporation of the City of Brampton and Kleinfeldt Consultants Limited.  
(construction of parking lots)

The Council of The Corporation of the City of Brampton ENACTS as follows:

THAT the Mayor and the Clerk are hereby authorized to execute an Agreement between The Corporation of the City of Brampton and Kleinfeldt Consultants Limited, attached hereto as Schedule "A".

READ a FIRST, SECOND and THIRD TIME and PASSED in Open Council this 10th day of October, 1979.

  
James E. ARCHDEKIN, Mayor

  
Ralph A. EVERETT, City Clerk

RECOMMENDED FORM OF AGREEMENT BETWEEN CLIENT AND ENGINEER  
FOR PROFESSIONAL ENGINEERING SERVICES

APPROVED BY THE COUNCIL OF THE ASSOCIATION OF  
PROFESSIONAL ENGINEERS OF ONTARIO

AGREEMENT made in duplicate this 6th day of April, 1979

BETWEEN : CORPORATION OF THE CITY OF BRAMPTON hereinafter referred to as the "Client",  
and KLEINFELDT CONSULTANTS LIMITED hereinafter referred to as the "Engineer".

WHEREAS the Client has requested the Engineer to perform the services set out in Article II hereof in connection with the Project (as hereinafter defined) and the Engineer has agreed to perform such services on and subject to the terms and conditions of this Agreement;

NOW THEREFORE, in consideration of the mutual promises hereinafter contained, the Client and the Engineer agree as follows:

Article I - DEFINITIONS:

The terms defined in this Article I shall for all purposes of this Agreement have the meanings herein specified unless the context otherwise specifies or requires:

1. "Association" shall mean the Association of Professional Engineers of the Province of Ontario.
2. "Project" shall mean the provision of engineering services for the construction of six parking lots in the City of Brampton, at the following locations:
  - i) McLaughlin Road Park
  - ii) Century Gardens Park
  - iii) Howden Park Centre
  - iv) Mount Chinguacousy Park
  - v) Mount Chinguacousy Park Entrance
  - vi) Greenbriar Recreation Centre
3. "Cost of the Work" shall mean the total cost to the Client of the Project, including all materials equipment, labour and contractors' overhead and profit, provided that:
  - i) if sales taxes are not included in the Cost of the Work, the percentage fee provided for herein shall be adjusted upwards to the nearest 1/10th of 1% by a factor equivalent to what the sales taxes would have been;
  - ii) material and equipment furnished by the Client shall be included as if purchased new, and if used material or equipment is furnished it shall be included as if purchased new;
  - iii) labour or other services furnished by the Client shall be included at current market prices;
  - iv) no deduction shall be made on account of any penalties or damages claimed by the Client from any contractor, or on account of any other sum withheld from any contractor; and
  - v) any fees and disbursements paid or due to the Engineer, the Client's own engineering liaison costs, legal costs, and land costs, shall not be included.
4. "Payroll Cost" shall mean the salary and/or wages of the employees of the Engineer engaged in performing services for the project plus fringe benefits. Fringe benefits, may be expressed as a percentage of the salary and/or wages and may include but not be limited to such benefits as statutory holidays, vacations with pay, sick time allowance, hospitalization, medical and other health insurance, group life and disability insurance, pension plans, including the Canada Pension Plan, Workmen's Compensation and unemployment insurance where applicable. Bonus or profit sharing plans shall not be included.

- d) Investigate, report and advise on unusual circumstances which may arise during construction.
- e) Obtain as built "field information as required to satisfy requirements of the Municipality and to determine final measurements and quantities for payment purposes.

PHASE 3 - Incidental Services

- a) Appearance in litigation, arbitration proceedings and attendance at hearings on behalf of the municipality.
- b) Matters related to land or easement acquisition.
- c) Additional services required by reason of the Contractor's insolvency.

## Article II - ENGINEERING SERVICES:

The Engineer shall perform the following services in connection with the Project:

### PHASE I - Design

This service comprises detailed design of all required municipal services and includes:

- a) Conducting a physical reconnaissance of the site and reviewing available maps of the area to provide familiarization with topography, drainage of existing municipal services and other features of direct interest.
- b) Attendance at meetings with appropriate representatives of the municipality and/or region to obtain full information on existing municipality services, roads and related facilities.
- c) Field surveying as required in addition to existing spot elevations to obtain profiles, cross-sections, and other relevant information.
- d) Preparation of design, plans, profiles, specifications, quantity estimates, contract documents.
- e) Submission of plans, specifications, schedules, applications, and other documents to public authorities as required.
- f) Preparation of tender documents, assistance with the tender call, receipt of tenders if required, and analysis and recommendation on tenders.
- g) Submission of "As Constructed" original drawings to the City of Brampton.

### PHASE 2 - Services During Construction

#### A) Contract Administration

This service includes the following:

- a) Consultation with client regarding scheduling of the contractor's construction operation.
- b) Periodic visits to the site by an Engineer or Senior Construction Inspector during construction to ascertain that the work is carried out in general compliance with the plans and specifications.
- c) Processing of contractor's progress and final requisitions and issuing progress and final certificates to the Client.
- d) Arranging for all necessary field testing and inspection of materials by authorized inspection and testing companies.
- e) Attendance at job meetings as required.

#### B) Resident Services

The services included under this category are:

- a) Providing the contractor with original elevation bench mark references. (Construction layout shall be the responsibility of the contractor)
- b) Carry out inspection of the work in accordance with the contract documents.
- c) Carry out final inspection at the conclusion of the construction contract, at the end of the maintenance period and as part of the acceptance programme of the Municipality.

Article III - Fees:

The Client shall pay to the Engineer the following for the performance of the services set out in Article II hereof:

PHASE I - Services - Design

Fees for design shall be at the rate of two (2) times our payroll cost for all personnel assigned to the project.

PHASE 2A - Services - Contract Administration

Fees for contract administration shall be at the rate of two (2) times our payroll cost for all personnel assigned to the project.

PHASE 2B - Resident Supervision

Fees for resident supervision shall be at the rate of two (2) times our payroll cost for all personnel directly assigned to the site.

PHASE 3 - Incidental Services

Fees for incidental services shall be at the rate of two (2) times our payroll cost.

1979 Charge Rates (Typical)

Principal Engineer	-	\$41.40 per hour
Senior Engineer	-	29.20 per hour
Intermediate Engineer	-	23.40 per hour
Draftsman	-	19.00 per hour
Inspector	-	16.90 per hour

Note: Rates may vary slightly depending upon personnel assigned to project

The upset limited for Phase I, 2A and 2B services is \$14,800.00 (including disbursements).

Article IV - Expenses and Disbursements:

1. The Engineer shall be reimbursed for all expenses properly incurred by him in connection with the Project including, but not limited to automobile mileage, reasonable travelling and living expenses, long distance telephone charges, teletype and telegraph charges, printing and reproductions, progress photography, advertising for tenders, special delivery and express charges, overtime premium payments.
2. It is recommended that a soils investigation be carried out in order to determine economic pavement designs. The cost of this geotechnical services shall be paid directly by the Municipality. The cost of this work is NOT included in the upset fee indicated.

Likewise, the cost of testing services during construction i.e., compaction, gradation, asphalt and concrete tests, shall be paid directly by the municipality and are NOT included in the upset fee indicated.

Article V - Payment of Fees and Expenses:

1. Payment of fees and reimbursable expenses for services performed by the Engineer for which the fee is calculated on a Time Basis shall be made within 30 days after the Engineer has forwarded to the Client his statement of account, rendered monthly.

## Article VI - General Terms and Conditions

### 1. Co-operation

- a) The Client shall give due consideration to all designs, drawings, plans, specifications, reports, tenders, proposals, and other information provided by the Engineer, and shall make any decisions which he is required to make in connection therewith within a reasonable time so as not to delay the work of the Engineer.
- b) The Client shall, at the request of the Engineer, provide the Engineer with the following information and documents relating thereto, except insofar as the Engineer is expressly required to furnish the same under the terms hereof:
  - (i) all pertinent information which may affect the work to be done, including a correct survey of the site and existing facilities and utilities;
  - (ii) accurate information, plans, and specifications regarding any other existing or proposed buildings or works which are involved and which is available.
  - (iii) copies of all bids and contracts for the work for which the Engineers is responsible and copies of all quotations, certificates for payment, and final accounts in connection with work insofar as they do not originate in the Engineer's office.

### 2. Plans, Specifications and Designs

Any and all plans, specifications, drawings and designs furnished by the Engineer will be prepared on the assumption that all information supplied by the Client or on behalf of the Client by any person or persons other than the Engineer is correct and the Engineer shall not be liable for any loss or damage arising from any inaccuracy in such information. The Client shall immediately notify the Engineer of any discrepancies or inaccuracies in such information as they become apparent. The Engineer shall be entitled to make any necessary change or changes in his plans, specifications, drawings, or designs at the Client's expense if any such information should be erroneous or inaccurate.

3. For this project, the general plans already prepared by the City of Brampton shall be used as base plans for the purpose of preparing construction drawings. This is proposed in order to minimize costs. If the municipality deems this unsatisfactory and requires the preparation of new drawings, the upset fee shall be subject to adjustment upwards.

### 4. Compensation for Extra Work and Changes

If it shall become necessary for the Engineer to make any changes in any designs, drawings, plans or specifications for any part of the Project for reasons over which he has no control, or if the Engineer is put to any extra work, cost or expense by reason of any act or matter over which he has no control, the Client shall pay to the Engineer a fee for such changes or extra work calculated on a time basis; provided that prior to the commencement of such changes or extra work the Engineer shall notify the Client in writing of his intentions to make such changes or to carry out such extra work and that the Engineer shall keep separate costs records in respect to such changes or extra work.

### 5. Fee for Additional and Special Services

The fee for Additional and Special Services provided by the Engineer, if any, shall be calculated on a time basis unless specifically provided for in the percentage fee for other services provided for herein. (Additional and Special Services, if any, and the corresponding fees payable, shall be clearly itemized under Article II and III respectively, heretofore).

## 6. Abandonment or Suspension

- a) If the Project or any part thereof is abandoned at any stage prior to completion of the design, or if any stage of the Engineer's work is unduly delayed for reasons beyond his control, the Client shall pay to the Engineer a fee for his services from the inception of the work calculated on a time basis.
- b) If the Project or any part thereof is abandoned at any stage subsequent to the completion of the design, or if any stage of the Engineer's work is unduly delayed for reasons beyond his control, the Client shall pay to the Engineer the fee for his services from inception of the work to the completion of design as provided in this Agreement, and shall pay to the Engineer a fee for his services subsequent to the completion of design calculated on a time basis.

## 7. Ownership of Documents

All plans, drawings, specifications, designs, construction data, and documents prepared by the Engineer shall be and remain the property of the Engineer. The Client shall be entitled to a copy of such a document for record purposes only, and shall not use or permit the use thereof for the construction of any other project without the consent of the Engineer.

## 8. Constructional Emergencies

In the event of any constructional emergency which in the opinion of the Engineer requires immediate action in the Client's interests, the Engineer shall have authority to issue such orders and to take such steps on behalf, and at the expense, of the Client as he shall deem necessary or expedient.

## 9. Confidential Data

The Engineer shall not divulge any confidential information communicated to or acquired by him in the course of carrying out the engineering services provided for herein. No such information shall be used by the Engineer on any other project without the approval of the Client.

## 10. Arbitration

- a) All matters in difference between the parties hereto in relation to this Agreement shall be referred to arbitration.
- b) No person shall be appointed to act as arbitrator who is in any way interested financially or otherwise, in the conduct of the work on the Project or in the business or other affairs of either the Client or the Engineer.
- c) The award of the arbitrator shall be final and binding upon the parties.
- d) The provisions of The Arbitrations Act, R.S.O., 1970, Chapter 25, shall apply to the arbitration.

## Article VII - Successors and Assignment

1. This Agreement shall enure to the benefit of, and be binding upon, the parties hereto, and except as hereinafter otherwise provided, the executors, administrator, successors and assigns.
2. If the Engineer is an individual and dies before his services hereunder have been completed, this Agreement shall automatically terminate as of the date of his death and the Client shall pay for the services rendered and disbursements made to the date of such termination.

3. If the Engineer is an individual and is unable to satisfactorily perform his services hereunder due to physical or mental incapacity for a period of 15 consecutive days or for the aggregate of 20 days in any 2 month period the Client may terminate this Agreement on 48 hours notice to the Engineer and shall pay for the services rendered and disbursements made to the date of such termination.
4. If a party to this Agreement who is an individual should desire to bring in a partner or partners, or if a party which is a partnership should desire to bring in a new partner or partners to share the benefit and burden of this Agreement, he or it may do so but shall promptly notify the other party of such action.
5. Except as aforesaid neither party shall assign this Agreement without the consent in writing of the other.

IN WITNESS WHEREOF the parties hereto have executed this Agreement on the date first above appearing.

Client

James E. Gushell  
May 2.  
[Signature]  
City of Brampton [Signature]

Engineer

A. D. Dawd

[Signature]  
Kleinfeldt Consultants Limited



PASSED October 10th, 1979

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Kleinfeldt Consultants Limited  
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