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|  | **UBC Energy & Water Services**  **6130 Agronomy Road, Vancouver, BC V6T 1Z3**  **Tel: (604) 822-9445 Fax: (604) 822-8833** | **PRELIMINARY UTILITY SERVICE CONNECTION APPLICATION** |

**Part 1. INSTRUCTIONS**

* Application is required for any new or substantially modified connection to UBC's utility systems. There is no fee for this application.
* Fill in Part 2 for all requests. **INCLUDE PROJECT NAME**. Fill in Parts 3 and/or 4 as applicable.
* **This *Service Connection Application* shall be considered approved when an authorized UBC *Development permit* is obtained**.

**Part 2. REQUESTOR INFORMATION**

UBC Contract Administrator or UBC Project Manager

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| --- | --- | --- | --- |
| Project Manager name & Dept.  (e.g. C&CP DM, UBCPT Manager, UBC Plant Ops, Housing) |  | Telephone |  |
| Fax |  |
| Email |  |
| **Project Name/Title/Description** |  | Project No. |  |
| Gross Building Area (m2) |  | Date BOG Approval Obtained (month, year) |  |
| Total Impervious Area (m2) |  |
| Date Requested |  | Highest UBC Board of Governors Approval (Pre-board,1,2,3 or 4) |  |

**Part 3. MECHANICAL SERVICES: WATER, SANITARY, STORM, GAS, and DISTRICT HEATING**

**Part 3 (a). Water Distribution.** Water service to meet requirements of UBC Technical Guidelines Division 2, Section 02660.

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| Design by (Company) | |  | | Telephone | |  | |
| Primary Contact | |  | | Fax | |  | |
| Email | |  | |
| Drawings Attached?  (Yes / No / Later) |  | Peak Domestic Water Consumption (L/S) |  | | Sprinkler & Hose Fire Flow Demand (L/s) | |  |

**Part 3 (b). Storm Sewer and Sanitary Sewer: Consultant & Design Data**

Service to meet requirements of UBC Technical Guidelines Division 2: Section 02720 for Storm, and Section 02730 for Sanitary.

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| Design by (Company) | | | | |  | | | | | | | Telephone | | | | |  | | | | | |
| Primary Contact | | | | |  | | | | | | | Fax | | | | |  | | | | | |
| Email | | | | |  | | | | | |
| Storm Drawings Attached? (Yes / No / Later) | | | | | |  | | | Stormwater Control Plan Attached? (Yes / No / Later / Not Required) | | | | | | | | | | |  | | |
| Lot Area  (m2) |  | | Total of roof horizontal projection area, 50% of lar-gest vertical area adjacent to roof and paved area | | | | | | | | | | |  | | Run-off  coefficients | | | Predeveloped | | |  |
| Postdeveloped | | |  |
| Time of concent-ration Tc (min) | |  | | 10 year rain-  fall (mm/h) | | |  | Peak storm  load (L/s) | | | | |  | | | | Pumped storm  load (L/s) ***Note 1*** | | | |  | |
| Sanitary Drawings Attached? (Yes / No / Later) | |  | | |  | | | | | | Peak sanitary  load (L/s) | | | |  | | | Pumped sanitary  load (L/s) ***Note 1*** | | |  | |
| Any new or modified food  preparation facilities?(Yes /  No). If yes, then describe. | | | | |  | | | | | Any Biological, Chemical or Radio-  active Wastes to be discharged to sani-  tary? (Yes / No). If yes, then describe. | | | | | | | |  | | | | |

***Note 1*:** Only under unique circumstances pumping into UBC network will be considered. A prior request for permission to pump into UBC network shall be submitted to UBC Energy & Water Services (see UBC Technical Guidelines, Section 02720, Clause 2.5.7 and Section 02730, Clause 2.5.6).

**Part 3 (c). Gas and District Heating Distribution**

* Service to meet requirements of UBC Technical Guidelines Div. 2, Section 02685 (gas) and Div. 15, Section 15004 (District Heating).
* Fax or mail request to UBC EWS (address & telephone above) to attention of Manager, Mechanical Distribution Services.

**Gas Distribution**

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| Design by (Company) | |  | | Telephone |  | |
| Fax |  | |
| Designer Primary Contact | |  | | Email |  | |
| Required overpressure to building downstream of meter (kPa) |  | | Peak Gas Load based on all gas equipment in building (m3/hour) | | |  |

**District Heating Distribution**

* Summer supply temperature: 70° C, winter peak supply temperature: 115° C.

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| --- | --- | --- | --- | --- |
| Design by (Company) |  | | Telephone |  |
| Fax |  |
| Designer Primary Contact |  | | Email |  |
| Peak Design District Heating Load (building heating) based on all equipment in building (kW) | |  | | |
| Peak Design District Heating Load (domestic hot water) based on all equipment in building (kW) | |  | | |

* **Fax or mail request to UBC EWS (address & telephone at top of 1st pg) to attention of Manager, Mechanical Utilities.**
* Campus Planning & Development additionally requires a Plumbing Permit for any modification or connection to water distribution, sanitary sewer, or storm sewer as per B.C. Building Code (Plumbing). Contact C&CP Regulatory Services at (604) 822-8228.
* B.C Gas/Boiler Safety Branch (Act) required permits and inspections are the responsibility of the project team.

**Part 4. ELECTRICAL SERVICE**

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| --- | --- | --- | --- | --- | --- | --- |
| Electrical Design by (Company) | |  | | Telephone | |  |
| Fax | |  |
| Designer Primary Contact | |  | | Email | |  |
| **Connected Load** | | **Demand Load** | | |  | |
|  | kVA |  | kVA | |
|  | kW |  | | |
|  | Phase |
|  | Wire |
|  | Voltage |

* B.C Electrical Safety Branch (Act) required permits and inspections are the responsibility of the project team.
* Electrical service to meet requirements of UBC Technical Guidelines Division 2, Section 02800.
* **Fax or mail request to UBC Energy & Water Services (address & telephone above)**.