Utility Service Application

- Please complete and submit Part I of this form as soon as you are in the programming phase of the project; subsequent sections can be submitted as soon as the project is approved by your department/school.

- Form should be submitted to Scott Gould at scott.gould@stanford.edu.

I. General information:

1. **Project name:** ________________________________ No: ______
2. **Location:** ________________________________
3. **Stanford Team:**
   - Project manager: ______________ Email: ______ Phone: ______
   - Arch/Engr: ______________ Email: ______ Phone: ______
4. **Contractors:**
   - General: ______________ Contact: ______________ Phone: ______
   - Underground: ______________ Contact: ______________ Phone: ______
5. **Project type:**
   - ___ New building
   - ___ Existing building addition
   - ___ Existing building renovation
   - ___ Landscaping
   - ___ Infrastructure (e.g., paths, lighting)
   - ___ Other (e.g., tree relocation)
6. **Building type:**
   - □ Student housing    □ Library    □ Office/classroom
   - □ Dry lab    □ Wet lab    □ Other ______
   - □ Computer Room    □ Residential
7. **Approximate Gross sq. ft.** __________
8. **Project status:**
   - ___ Planning stage    ___ Design stage    ___ Construction stage
9. **Schedule:**
   - Start of Construction: ______
   - Expected Occupancy: ______

November 2012
II. Services Required

A. Chilled Water:

2. Annual Usage: ________ ton-hours (attach load calculations)
3. Peak Demand: _______ tons
4. Design flow rate: _______ gpm at 14F delta Temperature
5. Desired size of CW service pipes: ___ - inch diameter

B. Hot Water:

1. Hot Water Conditions: HWS=160F, HWR (max)=110F, Min available dp at Bldg = 10 psi
2. Annual Usage: ______________ mmbtu of Hot Water (attach load calculations)
3. Peak Demand: __________kbtu/hr (attach load calculations)
4. Design flow rate: _______gpm at 50F dT
5. Desired size of HW service pipes: ______ inch diameter

C. Electric – Stanford Power

Temporary/Construction Site Power:

1. Number of services: _______________________________
2. Desired Service Date _______________________________
4. Load: ________________________________ kW
5. Service Location: ________________________________ (attach sketch)

Permanent Power:

1. Number of services: _______________________________
2. Desired Service Date: _______________________________
4. Load: ________________________________ kW
5. Service Location ________________________________ Attach sketch
C. Electric – Stanford Power continued

Emergency Generator
Emergency Generator Required: ☐ Yes ☐ No
Size: ________________________ kW

Street Lights
New Street Lights Required: ☐ Yes ☐ No
Number/Location (attach sketch) ____________________________

D. Domestic Water

Interior plumbing a,b: ☐ Not applicable
1. Annual domestic use: _______________ gallons (list fixture types, number, use per each)
2. Design domestic flow rate: ____________ gpm, at __________ psi (min design pressure)
3. Desired size of water service: ___ - inch diameter (dual meter assemblies required above 4-inch)

Fire suppression system: ☐ Not applicable
1. Fire suppression system testing demand: _______________ gallons, _____ times per year
2. Design fire flow rate: _______________ gpm, at __________ psi (min design pressure)
3. Desired size of fire service: ___ - inch diameter

Irrigation c: ☐ Not applicable
1. Annual irrigation demand: _______________ gallons
2. Irrigation: __ for startup ( ___ years); or ___ ongoing
3. Design irrigation flow rate: ____________ gpm, at: __________ psi (min design pressure)
4. Any non-drought-tolerant landscape planting? __ yes (need UA/PO approval) ☐ no
5. Desired size of irrigation water service: ___ - inch diameter

a Reminder- once through cooling is not permitted (Please see FDG and City of PA Ordinance)

b A separate building plumbing system for toilets and urinals is often installed on large, new non-residential buildings using purple pipe

c Irrigation shall be served from the lake water system wherever available; otherwise, by domestic water system only with approval of water system group manager, and then shall be separately metered. See section “E” below.
E. Lake (Irrigation) Water
1. Annual irrigation demand: ________________ gallons
2. Irrigation: ___ new or ___ ongoing
3. Design irrigation flow rate: ________________ gpm, at: ___ psi (min design pressure)
4. Any non-drought-tolerant landscape planting? ___ yes (need UA/PO approval) ___ no
5. Desired size of irrigation water service: ___ - inch diameter

F. Sanitary Sewer

Note: Please comply with City of Palo Alto Ordinances pertaining to wastewater, including easily accessible exterior sampling points for lab wastewater lines, and grease removable device for food service facilities.
1. Lab wastewater (separately required for labs, autoclaves, dishwashers, etc):
   a. Design flow rate: ___ gpm
   b. Desired wastewater connection size: ___ - inch diameter
2. Domestic wastewater:
   a. Design flow rate: ___ gpm
   b. Desired wastewater connection size: ___ - inch diameter

G. Storm Drain
1. Increased impervious surface area resulting from project: ____ acre(s)
2. Design flow rate: ____ gpm
3. Desired size of service: ____ - inch diameter

H. Other Utility Services
1. Natural Gas Required: ☐ Yes ☐ No

Thank You.