



### Code Compliance and Construction Permit Application Form (March 2023)

SUCF Project No.  Date:

Project Title:

Campus:  Building Name:

Project Type:  Site Work Only  New Building  Existing Building  Parking Garage  
(.....One Building Per Form.....)

Project Description:

#### Other Agencies That May Be Involved With This Project:

Department of Environmental Conservation:  Geothermal Well > 500 Feet  
 Fuel tank  <1-Acre disturbance  Min 1-Acre disturbance  Min 5-Acre disturbance

Department of Health:  
 Kitchen  Swimming pool  Health care  Water treatment  Grease trap  Cooling tower  
 Septic system or Sanitary discharge  Backflow preventer  Other

State Historic Preservation Office:  Archeology  Building  
Department of Labor:  Boiler  Other  
Office of Children & Family Services:  Daycare  Other

Office of Mental Health/People with Developmental Disabilities :  
 Day Rehabilitation  Other

Joint Commission on Accreditation of Healthcare Organizations (JCAHO) :  
 Health Care

Site:  N/A

Site Scope of Work - Brief Narrative (include staging areas as applicable):

There  is  is no new construction and/or addition.  
 For new construction/addition, the appropriate Fire Apparatus Road has been provided, per FCNYS 503 and Appendix D.  
This project  does  does not include erosion control and/or storm water management documents.  
This project  does  does not impact fire protection systems of any buildings.

Flood Plain:  N/A, NO NEW CONSTRUCTION  
 I have  have not reviewed the flood maps for this location and  
 I have determined this project is not in a flood plain.  
 I have attached the Flood Certification since the project is in a flood plain. (BCNYS1612, msc.fema.gov/portal)

Emergency/Storm Shelter Facility:  N/A, NO BUILDING IN SCOPE  
Prior to structural design, I  have  have not consulted with the campus to determine if this facility  
 will  will not be an Emergency/Storm Shelter. (BC 423)

**Building Occupancy and Use:**

N/A FOR SITE OR BUILDING ENVELOPE PROJECTS

Use and Occupancy Classification: (Pick all that apply)

N/A

- A-1     B     E     F-1     H-1     I-1     M     R-1     S-1     U
- A-2                       F-2     H-2     I-2                       R-2     S-2
- A-3                                       H-3     I-3                       R-3
- A-4                                       H-4     I-4                       R-4
- A-5                                       H-5

The occupancies are mixed use,  separated.  not separated. (BCNYS508)

The building is/has,  no  a partial  a complete fire protection system at the end of this project. (BCNYS903)

The building  is  is not a high-rise building. (BCNYS403)

This project  does  does not require a hazard materials report (BCNYS 414.1.3)

**Structural Scope of Work**

N/A

**(Including building structure, rooftop equipment mounting, and hanging of MEP):**

Structural Scope of Work Brief Narrative:

Statement of Special Inspections (SSI). The scope of work  requires  does not require a SSI.

Delegated Design: There  are  are not items that  will be  have been submitted for approval to delegate the design in accordance with Fund Directive 1C-13.

**Structural Design Factors as noted on the structural drawings:**

N/A

The Building Risk Category is

The Wind Importance Factor is

The Snow Importance Factor is

The Seismic Occupancy Importance Factor is

(ASCE 7)

**Structural Design Loads for New Construction:**

N/A

NYS 1603 requires the design loads and information pertinent to the structural design to be indicated on the construction documents. The following items below are indicated on the documents:

- Floor live and dead loads     Roof live and dead loads     Snow ground load data     Wind design data
- Earthquake design data     Geotechnical information     Roof rain load data     Special loads
- Photovoltaic panel system loads

**Reroofing or Rooftop-Mounted Equipment Projects:**

N/A

Added dead load from roofing or equipment  does not apply to this project,  does not increase the forces by 5%.  does increase the forces by 5%. (EBCNYS 706.2)

This project  is  is not located where the design wind speed is greater than 115 mph or a special wind region.

There will not be  attached is a roof diaphragm evaluation. (EBCNYS 706.3)

This building  does  does not have unreinforced masonry bearing wall parapets. (IEBC 706.3 and 906.4.6)

**Structural Impact on Existing Buildings:**

N/A

Gravity load carrying of structural elements  is  is not increased by 5%. (IEBC 806.4)

Lateral loads  are  are not modified. (IEBC 806.5 and .6)

The project  does  does not include a change of occupancy that  has  has not resulted in a risk category or seismic load assessment. (EBCNYS 1006.3)  other

**Energy Compliance Documentation:**

Per ECCC C101.3, this project is Exempt per Exception #

\* For site only projects, exemption per ASHRAE 9.1.1b

The Fund has adopted the 2020 NYS Energy Conservation and Construction Code (ECCC) with the 2020 NYStretch Supplement. The options the Fund will accept are limited. This is the path to be used and the options available:

2020 ECCC Chapters 1 Scope and Administration, 2 Definitions, and 3 General Requirements apply to all projects (as amended by NYStretch).

2020 ECCC Chapter 4 Commercial Energy Efficiency: 401.2 option 1, ASHRAE Compliance Path, as amended by NYS 1240 and by 2020 NYStretch. The Fund only authorizes ASHRAE Compliance Paths.

- 4 Administration and Enforcement
  - 4.2.1 Compliance Paths
    - Prescriptive Method per each applicable Chapter.
    - Performance Rating Method per Appendix G
      - Performance Cost Index
      - Performance Source Energy Index
  - 4.2.2.2 Supplemental Information
    - ASHRAE 183 HVAC Load Calculations
    - ASHRAE 62.1 Ventilation Calculations
      - (DM) HVAC Pump Head Calculations
      - (DM) HVAC Airside Pressure Drop Calcs
      - (DM) Domestic Hot/Cold Water Pump Head Calc
      - (DM) Domestic Hot Water System Sizing
    - Electrical Service Load Calculations (watts/sf)
      - (DM) Electrical Service Load Calc (watts/sf+major equipment)
    - Generator Load Calculations (watts/sf)
      - (DM) Generator Load Calculations (watts/sf+major equipment)
    - Lighting Photometrics

There are mandatory requirements that must be addressed that are scope dependent not path dependent. Check all that are within the project scope:

- 5 Building Envelope
  - 5.4.1 Insulation
    - 5.4.1.1 Parapets, Structural Elements
  - 5.4.2 Fenestration and Doors
  - 5.4.3 Air Leakage
    - 5.4.3.1 Continuous Air Barrier
    - 5.4.3.2 Fenestration and Doors
    - 5.4.3.3 Loading Dock Weatherseals
  - 5.4.4 Vestibule
- 6 Heating, Ventilation, and Air Conditioning
  - 6.4.1 Equipment Efficiencies, Verification, and Labeling Requirements
  - 6.4.2 Load Calculations
  - 6.4.3 Controls and Diagnostics
  - 6.4.4 HVAC System Construction and Insulation
  - 6.4.5 Walk-In Coolers and Walk-In Freezers
  - 6.4.6 Refrigerated Display Case
- 7 Service Water Heating
  - 7.4.1 Load Calculations
  - 7.4.2 Equipment Efficiency
  - 7.4.4 Service Water Heating System Controls
  - 7.4.5 Pools
  - 7.4.6 Heat Traps
- 8 Power
  - 8.4.1 Voltage Drop
  - 8.4.2 Automatic Receptacle Control
  - 8.4.3 Electrical Energy Monitoring
  - 8.4.4 Low-Voltage Dry-Type Distribution Transformers
- 9 Lighting
  - 9.4.1 Lighting Control
  - 9.4.2 Exterior Building Lighting Power
  - 9.4.3 Functional Testing
  - 9.4.4 Dwelling Units
- 10 Other Equipment
  - 10.4.1 Electric Motors
  - 10.4.2 Service Pressure-Booster Systems
  - 10.4.3 Elevators
  - 10.4.4 Escalators and Moving Walks
  - 10.4.5 Whole-Building Energy Monitoring

## Code Compliance Drawing Requirements:

			1st Submission	Drawing Location
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	1	A code history analysis including the specific code used for this project. State if a variance is anticipated or obtained.	PV/Concept	Summary
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	2	State if the building will be fully or partially sprinklered at the end of this project.	PV/Concept	Summary
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	3	State if the project includes an addition <sup>b,n</sup>	PV/Concept	Analysis
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	4	Provide the existing and proposed Construction Type <sup>a</sup> and the fire-resistance rating requirements for building elements as needed. State if any code footnotes are applied.	Schematic	Summary
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	5	For sitework scope, demonstrate all accessible routes in the project area.	Schematic	Plans
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	6	State if the project includes a change of occupancy <sup>b</sup>	Schematic	Analysis
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	7	State if the project includes any of the following <sup>c</sup> : new construction <sup>g</sup> , an addition <sup>g</sup> , new/changed egress patterns <sup>k</sup> , change in toilet room counts <sup>h,i</sup> , change in occupancy <sup>c,g</sup> .	Schematic	Analysis
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	8	Provide a narrative articulating if there are multiple occupancy types <sup>d</sup>	Schematic	Summary
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	9	For work in existing buildings, provide the Existing Building Code method of compliance. If the Work Area Method is identified, also provide the alteration level <sup>f</sup>	Schematic	Summary
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	10	Demonstrate required fire-or smoke-resistance-rated wall and horizontal assemblies. <sup>l</sup>	Schematic	Plans
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	11	Identify all control areas, laboratories in control areas and laboratory suites <sup>e</sup> . Articulate if a separate hazards report has been submitted.	Schematic	Summary, Plans
<input type="checkbox"/> Yes <input type="checkbox"/> NA	12	Articulate the Energy Path used and climatical data used.	Schematic	Summary
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	13	Provide seating layouts for all spaces.	Design Manual	Plans
<input type="checkbox"/> Yes <input type="checkbox"/> NA	14	Provide exit sign with direction to demonstrate anticipated exit routes if the existing routes are complicated or if the project includes any of the following: revolving door, gates, delayed egress, flush bolts, controlled egress, security grilles, electrically or electromagnetically locked doors.	Design Manual	Plans
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	15	Identify/demonstrate if 2-way communication is provided for accessible egress compliance and/or emergency elevator communication system compliance.	Design Manual	Plans
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	16	Demonstrate fire extinguisher locations.	Design Manual	Plans
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	17	Articulate if sign drawings have been provided or if they will be provided separately.	Design Manual	Summary
<input type="checkbox"/> Yes	18	Documents are stamped and sealed by a professional.	Pre-Bid	All

## Superscripts / Footnotes:

<input type="checkbox"/> Yes <input type="checkbox"/> N/A	a	If the construction type is new or changing, see footnote b.	
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	b	Provide the area, height, and story analysis to demonstrate compliance. This will require the grade plane determination. Diagrams may be needed.	Analysis
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	c	Provide plans / diagrams of all building levels with blocks of color or tone demonstrating occupancy types.	Analysis
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	d	if occupancy types are accessory, articulate and provide the calculation demonstrating accessory to the floor. If the additional occupancy types exceed the accessory percentage, articulate if separated or not separated. <sup>e</sup>	Summary
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	e	All fire-or smoke-resistance rated assemblies are to be demonstrated.	Code Compliance Plans
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	f	For Work Area Method, Alteration Level 2, provide a diagram demonstrating the work area consisting of all re-configured spaces. Provide the square footage versus the building square footage to assess if Alteration Level 3 is applicable.	Analysis
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	g	Provide a statement if a Statement of Special Inspections is required. Articulate the Seismic Design Category and Criteria and/or Wind Criteria.	Summary
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	h	Provide floor diagrams demonstrating the occupant count based on function of spaces or building areas using blocks of color or tone for each function and the multiplier used. All building areas are to be addressed.	Analysis
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	i	Provide plumbing and fixture requirements based on the occupancy count and classification and description.	Analysis
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	j	A summary of what is provided is insufficient, show required versus provided.	Analysis
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	k	Provide floor plans demonstrating access to exits, distances between exits (required and provided), maximum travel distances per level, calculations for each door accessing / exiting a stair, doors exiting the building and for stair widths. <sup>j</sup>	Code Compliance Plans
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	l	Examples: separated occupancies, incidental spaces, shafts of any kind, building areas, horizontal exits, rated corridors, passageways, elevator machine rooms, generator rooms, main electrical rooms, fire pump rooms, control areas, laboratory suites, exterior walls, etc., articulate the reason. <sup>m</sup>	Code Compliance Plans
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	m	Identify where and which code exception is taken.	Summary
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	n	For new construction or new vertical circulation, demonstrate the accessible means of egress and requirements.	Code Compliance Plans

## Pre-Bid Additional Code Summary Items

All previous sections have been updated based on the project's final design.

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### Constructability items that may have a code compliance impact:

This building  will  will not be occupied during construction.  N/A, Site Only

This project  does  does not impact egress from this building or any adjacent buildings.

This project is expected to  be  not be completed in a single phase of work.

This project  includes  does not include owner-provided equipment for the contractor to install.

This project  does  does not have seasonal limitations.

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### Energy Compliance Documentation:

This submission includes updated and additional information/documentation.

Check all that are appropriate for the project's status:

4 Administration and Enforcement

4.2.2 Compliance Documentation

4.2.2.1 Construction Details per ECCC C105.2 and ASHRAE 90.1

4.2.2.2 Supplemental Information

ASHRAE 183 HVAC Load Calculations

ASHRAE 6.2.1 Ventilation Calculations

HVAC Pump Head Calculations

HVAC Airside Pressure Drop Calculations

Domestic Hot / Cold Water Pump Head Calculations

Domestic Hot Water System Sizing

Electrical Service Load Calculations (based on actual equipment)

Generator Load Calculations (based on actual equipment)

Lighting photometrics

Lighting power density calculations

4.2.2.3 Manuals (required in technical specifications)

4.2.3 Labeling of Material and Equipment (required in technical specifications)

5 Building Envelope, in addition to prior identified items

5.4.3.1.3 Testing, Acceptable Materials, and Assemblies (in technical specifications)

5.7 Submittals

5.7.2 Space-Conditioning Categories

5.7.4 Daylight Areas

5.8 Product Information and Installation Requirements

5.8.1 Insulation

5.8.2 Fenestration and Doors

6 Heating, Ventilating, and Air-Conditioning, in addition to prior identified items:

6.7 Submittals

6.7.3 System Balancing (required in technical specifications)

6.7.4 System Commissioning (required in technical specifications)

6.8 Minimum Equipment Efficiency and Insulation Documented in Drawings and Technical Specifications

- 8 Power, in addition to prior identified items:
  - 8.7 Submittals
    - 8.7.1 Drawings (required in technical specifications)
- 9 Lighting, in addition to prior identified items:
  - 9.7.2.3 Daylight Documentation
- G Performance Rating Method
  - G1.3 Documentation requirements: documentation submitted to demonstrate compliance.
  - Drawings and technical specifications have been coordinated with parameters used in this method.

**Construction Permit Application:**

Code Compliance Drawing(s):       have been submitted.

A Statement of Special Inspections:  has been submitted.       is not required for this work.

A variance:  *is*  *is not* required for this project.

The construction documents  *do*  *do not* satisfy the requirements of BCNYS/EBNYS 106.2.

The construction documents  *do*  *do not* have provisions for satisfying the requirements of BCNYS Chapter 33 / EBCNYS Chapter 15 / FCNYS Chapter 33.

To aid coordinated inspections during construction, this confirms the documents do not have any requirements or conflicts with these code-required energy inspections per ECCC 106.2:

- |  |  |
|--|--|
| <input type="checkbox"/> Footing and Foundation Insulation | <input type="checkbox"/> Thermal Envelope  |
| <input type="checkbox"/> Plumbing System                   | <input type="checkbox"/> Mechanical System |
| <input type="checkbox"/> Final Inspection                  | <input type="checkbox"/> Electrical System |

The design is such to not cause difficulty for inspections as required per 4.2.4.

To the best of my knowledge, information and belief, the construction documents for this project are in conformance with the 2020 New York State Uniform Fire Prevention and Building Code and/or the 2020 New York State Energy Conservation Construction Code as amended by the 2020 NYStretch Code.

Name of person signing for the Consultant: \_\_\_\_\_

Signature: \_\_\_\_\_

NYS PE Number: \_\_\_\_\_

**- OR -**

NYS RA Number: \_\_\_\_\_

Engineering Firm's Certification  
of Authorization Number \_\_\_\_\_

Expiration Date: \_\_\_\_\_