



Appendix B: Architectural Program

A SEPARATE “APPENDIX B” SHALL BE COMPLETED FOR EACH SEPARATE BUILDING AND/OR FACILITY INCLUDED IN THE ORGANIZATION’S BUSINESS PLAN

COMPANY INFORMATION	
Business Name:	
Facility Type:	<input type="checkbox"/> Manufacturing Facility <input type="checkbox"/> Dispensing Facility
Use and Occupancy Classification:	
Building Construction Type and Classification:	
Facility Address:	
Primary Contact Telephone number:	
Primary Contact Fax number:	
PART I – ARCHITECTURAL PROGRAM & CONSTRUCTION TIMELINE:	
Applicant shall identify planning requirements, including but not limited to:	
<input type="checkbox"/>	TOWN BOARD APPROVAL
<input type="checkbox"/>	PLANNING BOARD APPROVAL
<input type="checkbox"/>	ZONING BOARD OF APPEALS APPROVAL
<input type="checkbox"/>	PREPARATION OF CONSTRUCTION DOCUMENTS
<input type="checkbox"/>	BUILDING PERMIT
<input type="checkbox"/>	BIDDING PHASE
<input type="checkbox"/>	CONTRACT AWARD PHASE PER EACH APPLICABLE CONTRACTOR (Identify all that apply)
<input type="checkbox"/>	COMMENCEMENT OF CONSTRUCTION
<input type="checkbox"/>	COMPLETION OF CONSTRUCTION



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PART II – SITE PLAN(S)

Applicant shall provide the appropriate details for each of the following by identifying the location and dimension on the Site Plan attached to the application for each building location.

- Entrance and Exits
Public Parking Spaces
Staff Parking Spaces
Accessible Parking Spaces
Accessible Route(s)
Fire Lane and/or Fire Apparatus Road
Percentage of Green Space
Location of Emergency Power Systems
Loading & Unloading
Security Gates & Fences

PART III – ENERGY SOURCES & ENGINEERING SYSTEMS:

Applicant shall provide the following minimum information to outline the specifications relating to the energy sources and engineering systems of each building included in the application.

- Energy Source:
Natural Gas, Oil, Electric, Solar, Other
Engineering Systems:
Heating System: Type, Size, Efficiency, Ventilation Requirements
Cooling System: Type, Size, Efficiency, Ventilation Requirements
Ventilation & Humidification Systems: Type, Size, Efficiency, Ventilation Requirements
Electrical Distribution Available
Water Supply: Municipal Water Service or Private Well Water
Sewage: Municipal Sewer System or Private Septic System
Emergency Power System: Type, Size, Efficiency



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Table with 2 columns: checkbox and code description. Includes codes like 2010 BUILDING CODE OF NYS, 2010 FIRE CODE OF NYS, etc.



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<p>Select Project Type: Check all that apply. Refer to the Existing Building Code for definitions.</p>	<input type="checkbox"/> New Building <input type="checkbox"/> Repair <input type="checkbox"/> Alteration Level 1 <input type="checkbox"/> Alteration Level 2	<input type="checkbox"/> Alteration Level 3 <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Addition <input type="checkbox"/> Historic Building	<input type="checkbox"/> Demolition <input type="checkbox"/> Chapter 3. Prescriptive Compliance Method <input type="checkbox"/> Chapter 13. Performance Compliance Method
<p>Select Work Involved: Check all that apply.</p>	<input type="checkbox"/> General Construction <input type="checkbox"/> Roofing <input type="checkbox"/> Asbestos Abatement/Environmental <input type="checkbox"/> Fire Alarm	<input type="checkbox"/> Structural <input type="checkbox"/> Mechanical <input type="checkbox"/> Plumbing <input type="checkbox"/> Electrical	<input type="checkbox"/> Site Work <input type="checkbox"/> Sprinkler <input type="checkbox"/> Elevators <input type="checkbox"/> Other: _____

CODE COMPLIANCE REVIEW						
<p>Applicant shall provide all applicable information in regards to the code topic and section listed below.</p> <p>1. Code Compliance Review is based on the 2010 NY State Building Code for New Construction. If any other building code applies to the location or type of construction, provide applicable code and sections that most closely relates and references the code topic and information in the code sections listed below. Provide appropriate abbreviations for other applicable codes, such as: FC: Fire Code, PC: Plumbing Code, MC: Mechanical Code, FGC: Fuel Gas Code, ECC: Energy Conservation Code.</p> <p>2. Provide the Required standard for each applicable code section. (i.e.: area, quantity, classification type, materials, hourly separation, etc.). If section does not apply, indicate one of the following with explanation: NA: Not Applicable, NR: Not Required, NP: Not Permitted</p> <p>3. Provide your facilities "Actual" value for each required standard as per applicable code section.</p>						
No.	Topic	NYS Building Code Section	Other Code ¹ (as Stated Above) & Section	Minimum Information Required to be Identified for this building/facility on the Building or Site Plan(s)	Required Code Value ² /Allowed Code Value	Facility's Actual Value ³
1	Use & Occupancy Classification	302.1 - 312		Use & occupancy of this facility. Identify all applicable materials, class and quantities regarding Table 307.1.		



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2	Combustible Storage	413		All combustible storage areas and rooms, as per applicable Building and Fire Codes. Identify all combustible stored materials, area and room dimensions, all required fire separations, and exit requirements.		
3	Hazardous Materials	414		All hazardous materials stored or used as per applicable Building and Fire Codes. Identify all combustible stored materials, area and room dimensions, all required fire separations, and exit requirements.		
4	Hazardous Materials Control Areas	414.2		Provide additional information indicating number, size, materials stored, and quantity of each material.		
5	Building Area & Height	501-507		Provide the building area & height Provide all calculations and cite applicable code sections for increased Building Area & Heights allowed per building code(s).		
6	Incidental Use Areas	508.2		Identify all Incidental Use Areas and required fire separation of occupancies on Building Plans.		



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7	Mixed Occupancies	508.3		Provide analysis with code cited, and required fire separation of occupancies. Identify required fire separation of occupancies on Building Plan(s).		
8	Nonseparated Uses	508.3.2		Provide analysis with code cited, and required fire separation of occupancies. Identify required fire separation of occupancies on Building Plan(s).		
9	Separated Uses (Ratio < 1)	508.3.3		Provide analysis with code cited, and required fire separation of occupancies. Identify required fire separation of occupancies on Building Plan(s).		
10	Construction Classification	602		Provide Construction Classification per each building included in Application.		
11	Fire Resistance Rating Reqmt for Building Elements	Table 601		Provide Fire Resistance Rating per each building element as per Table 601. Identify rating & elements on Building Plans.		



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12	Exterior Wall Fire-Resistance Rating	Table 602		Identify required fire resistance rating of exterior walls on Building Plan(s).		
13	Exterior Fire Separation Distance	Table 602		Identify required fire separation distance of exterior walls between Buildings on Plan.		
14	Fire Walls	705		Provide code information and identify all applicable required Fire Wall(s) and fire resistance requirement on Building Plans.		
15	Fire Barriers	706		Provide code information and identify all applicable required Fire Barrier(s) and fire resistance requirement on Building Plans.		
16	Shaft Enclosures	707		Provide code information and identify all applicable required Shaft Wall(s) and fire resistance requirement on Building Plans.		
17	Fire Partitions	708		Provide code information and identify all applicable required Fire Partition(s) and fire resistance requirement on Building Plans.		



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18	Horizontal Assemblies	711		Provide code information and identify all applicable required Horizontal Assemblies and fire resistance requirement on Building Plans.		
19	Fire Protection: Sprinkler System	903		Indicate Type of Sprinkler System: <input type="checkbox"/> NFPA 13 <input type="checkbox"/> NFPA 13 R <input type="checkbox"/> NFPA 13D Provide code information of all applicable requirements for Automatic Sprinkler Systems with code section cited.		
20	Alt. Fire Extinguishing System	904		Provide code information of all applicable requirements for Alternative Automatic Fire-Extinguishing Systems with code section(s) cited.		
21	Standpipe System	905		Provide code information of all applicable requirements for Standpipe Systems with code section(s) cited.		
22	Fire Alarm & Detection Systems	907		Provide code information of all applicable requirements for Fire Alarm System(s) with code section cited. Indicate Type of Fire Alarm System <input type="checkbox"/> Addressable <input type="checkbox"/> Hardwired (zoned)		



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23	Emergency Alarm System	908		Provide code information of all applicable requirements for Emergency Alarm Systems with code section cited.		
24	Fire Department Connections	912		Identify Fire Department connections in accordance with NFPA applicable standard.		
25	Exits	1001.1 & 2		Identify on the Building Plans and documents, per each door, the following information: door width, door height, direction of swing, type of construction, hourly rating, and door closures.		
26	Occupant Load	1004 & Table 1004.1.1		Identify the use/name of each room, dimensions of each room, and Occupant Loads per each room on the Building Plans.		
27	Egress Width	1005		Provide egress widths & cite applicable code section(s) and requirement(s) on the Building Plans		
28	Accessible Means of Egress	1007.1		Provide accessible means of egress as per Section 1007 & cite applicable code section(s) and requirement(s) on the Building Plans.		



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29	Doors, Gates, and Turnstiles	1008		Means of egress doors shall meet the requirements of this section.		
30	Interior Stairs	1009		Identify the following information for each stairway on the Building Plan(s): the width of stairways; the height, width, depth and number of risers and treads; dimensions of landings; stairway construction type; and handrail height.		
31	Ramps	1010.1		Identify the following information of each ramp, on the Building Plan(s): width; total vertical rise; length of ramp; and handrail height.		
32	Common Path of Travel	1014.3		Identify on the Building Plan(s): the length of the "Common Path of Travel" per each room as per applicable building code requirements.		
33	Exit Doorway Arrangement	1015		Identify on the Building Plan(s): applicable building code requirements for all Exits and Exit Access Doorways per each room and required exits in all buildings.		
34	Corridor Fire Rating	1017.1		Identify, on the Building Plan(s): all corridors with required fire resistance and the applicable fire rating.		



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35	Corridor Width	1017.2		Identify on the Building Plan(s): the width of all corridors. Provide applicable code section(s) and requirement(s).		
36	Dead End Corridor	1017.3		Corridors shall not exceed the maximum dead end corridor length as per applicable code.		
37	Number of Exits and Continuity	1019		Identify on the Building Plan(s): required number of exits, continuity and arrangement as per the applicable code requirements.		
38	Vertical Exit Enclosures	1020		Identify on the Building Plan(s): all applicable code requirements for each Vertical Exit Enclosure.		
39	Exit Passageways	1021		Identify on the Building Plan(s): all applicable code requirements for each Exit Passageway.		
40	Horizontal Exits	1022		Identify on the Building Plan(s): all applicable code requirements for each Horizontal Exit.		



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41	Exterior Exit Ramps & Stairways	1023		Identify on the Building Plan(s): all applicable code requirements for each exterior exit ramps and stairways.		
42	Exit Discharge	1024		Identify on the Building Plan(s): all applicable code requirements for each Exit Discharge.		
43	Accessibility	1101.1 - 1110 & ICC/A117.1(03)		Identify on the Building Plan(s): all applicable code requirements such that the design and construction of each building/facility provides accessibility to physically disabled persons.		
44	Energy Conservation	2010 NYS ECCC & IECC 2012		Identify the R-Value and U-Value of each construction component and assembly of the building envelope as required in the applicable energy and building code(s).		
45	Emergency & Standby Power	2702.1		Identify emergency & Standby Power locations and specifications of the system to be provided.		
46	Smoke Control Systems	2702.2.2		Identify the Standby power for smoke control systems in accordance with Section 909.11 of NYS Building Code.		



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47	Plumbing Fixture Count	2902.1		Identify on the Building Plan(s): the minimum plumbing facilities as per applicable plumbing code(s).		
48	Available Street Water Pressure			Provide the available street or well water pressure.		
49	Fire Apparatus Access Road	FC503.1		Identify on the Site Plan: Fire Apparatus Road, Fire Lane and other Fire Service requirements per applicable Building and Fire Codes.		