

STATE UNIVERSITY CONSTRUCTION FUND Schematic Phase Checklist

The following checklist show the general items required by the Agreement and the Program Directives. Unless included in the lump sum fee or the Schedule B of the Consultant's Agreement, some items below related to existing conditions and capacities may be provided through extra compensation when approved by the Fund. Provide those items that are applicable to the actual scope of this project. Since this Checklist repeats portions of the Concept Phase Checklist, major changes are shown in **bold** type face.

	Check as applicable: "Yes" if provided or "NA" if not applicable
<p>(A) Schematic Phase Report: Based on the approved Concept deliverables and by revising the Concept Phase Report, provide the applicable content listed below:</p>	
<p>(1) Cover page contains the Project No., Project Name, Campus, Architect and other Consultants.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> NA
<p>(2) Contents page has a table of contents and all pages are numbered.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> NA
<p>(3) Incorporates all comments made during reviews by the Fund and campus.</p>	
<p style="padding-left: 20px;">a) Provide copies of all comments with responses in an appendix.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> NA
<p style="padding-left: 20px;">b) List all changes, if any, to building, site and equipment programs.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> NA
<p style="padding-left: 20px;">c) Provide copies of Schematic meeting minutes in an appendix.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> NA
<p style="padding-left: 20px;">d) Provide copies of updated, applicable campus standards in an appendix.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> NA
<p>(4) Provides the Consultant's certification of completeness per Directive 1A-4, item 1e and confirming that documents comply with all applicable campus standards.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> NA
<p>(5) Provides an Executive Summary, describing program, costs and schedule.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> NA
<p>(6) Provides an analysis of the project work area indicating the status of all data required for a complete design, including:</p>	
<p style="padding-left: 20px;">a) Provides an existing condition analysis of the work area.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> NA

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| b) | Confirms that surveys for topographical, utility, asbestos, and hazardous material data, borings and geo-technical studies, as built/field measured drawings and other data required for the design have/will be obtained by the Consultant when needed to complete the design work. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| | i) Append geotechnical report per Directive 1C-5 and asbestos, lead and hazardous material survey results. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| | ii) Confirm that project survey mapping per Directive 2-1 is complete for all work areas. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| c) | Provides a preliminary listing of Governing Agency submissions required per Directive 1D-3. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| d) | Confirmation that right of way improvements, if any, have been reviewed with AHJ per Directive 2-2. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| (7) | Provides an analysis describing the construction phasing of the project, including: | | |
| a) | Describes time frames for when the work area(s) are available. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| | i) Describes known time restrictions due to site availability, shut down / cutovers, etc. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| | ii) Describes known special events, environmental limitations, etc. that may impact the work | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| b) | Describes temporary work necessary to maintain adjacent occupancies in active use. | | |
| | i) Describes alternate pedestrian routes | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| | ii) Describes alternate vehicle routes / parking. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| c) | Describes a general sequence of the construction of the major project components by phase, contract or other delivery method. | | |
| | i) Describes a construction access route | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| | ii) Describes a construction trailer / office for onsite representation | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| | iii) Describes site stabilization / underpinning. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |

- (8) Provide confirmation that the applicable Directive noted below has been reviewed, provides a description of significant design criteria and issues related to the applicable Directive (including proposed variation, if any, from the applicable Directive), and provides a brief description of the design approach to the applicable Directive:
- | | | | |
|-------|---|------------------------------|-----------------------------|
| a) | For the proposed design concepts, spatial interrelationships, forms and massing. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| i) | Describe internal spatial interrelationships at the program level. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| ii) | Describe spatial relationships to programs in existing and proposed buildings. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| iii) | Describe how design facilitates/controls work flow, way finding and access and other programmatic interactions. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| iv) | Describe how it relates to local vocabulary per Directive 1C-3. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| | (1) Provide a brief description of all significant materials and finishes | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| | (2) Provide representative samples of significant exterior materials at the Schematic presentation | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| | (3) Provide an analysis justifying the proposed materials and components based on their historical performance compared to other available options | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| v) | Describe how it relates to historic context per Directive 1C-9. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| vi) | Describe masonry walls per Directive 4-1. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| vii) | Describe roofing materials per Directive 7-1. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| viii) | Finalize the economic analyses provided for the concept report justifying the proposed structural, mechanical, electrical, etc. systems through a comparison with available options. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| ix) | Provide an analysis of the constructability of significant building systems and components; verify their ability to be fabricated and local availability. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| x) | Provide an analysis of the maintainability and operational efficiency of the completed project. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |
| | (1) Confirm compliance with Campus window cleaning standard. | <input type="checkbox"/> Yes | <input type="checkbox"/> NA |

xi)	Provide an analysis of the effect of the proposed work on the existing campus, systems and building components. For work in existing buildings, provide photographic documentation of existing areas where work will occur.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xi)	For laboratory buildings, summarize the design criteria and confirm compliance with Campus standards.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xii)	If the project has a sound system, summarize the design criteria and confirm that there is a plan in place to address the design questions from applicable Campus staff.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xiii)	If there are vertical transportation systems, summarize the design criteria and confirm that at least one elevator serves each mechanical space and mezzanine.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
b)	For the proposed site design concept.		
i)	Describe proposed landscaping.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
ii)	Provide a site work overview following the format of Directive 2-1.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Confirm that available utilities have sufficient capacity to support the work, or propose means to supplement or provide such utilities as part of the project.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(2) Provide overall estimates of earthwork removed and backfill required	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(3) Provide total square footage / acreage of site.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(4) Describes extent of rock excavation per Directive 2-5.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
iii)	Describe roads and pavements per Directive 2-2.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
iv)	Environmental requirements per Directive 2-4.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	i. Bind draft Storm Water Pollution Prevention Plan in Appendix	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
c)	Describe structural system (Directives 3-1 and 5-1).		
i)	Provide draft structural and seismic analyses required by the Building Code of New York State.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA

d)	Describe mechanical, electrical and plumbing systems.		
i)	Describe where critical operating equipment is located. For work in existing buildings, provide photographic documentation of existing areas where work will occur.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
ii)	Calculate mechanical, electrical and plumbing systems design loads and summarize design criteria, if not covered in the building systems below.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
iii)	Whenever connection to an existing building or campus wide utility system is required, the following information shall be provided:	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Capacity and condition of existing systems.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(2) Capacity and condition of means of distribution, as applicable.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(3) Analysis of the existing system's ability to satisfy the additional loads.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(4) Stand-alone or back-up systems required for this building when the existing system is shut down for regular maintenance.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
iv)	Describe compliance with items 1 thru 6 in Part 1c of Directive 15H-1.		
	(1) Describe Metering	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(2) Describe Sound and vibration control	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(3) Describe system selection and cost evaluation	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(4) Describe Energy conservation per Directive 1B-7.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
v)	Confirm that Air system design meets the requirements of Directive 15H-2.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Provide design load calculations and space design criteria based on actual number of occupants for each space, as shown on the Code Conformance Drawings	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(2) Describe Separation of Air intakes	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(3) Describe System requirements	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(4) Describe Air handlers	<input type="checkbox"/> Yes	<input type="checkbox"/> NA

	(5) Describe Air distribution	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
vi)	Describe air permit modifications required per Directive 1D-8.		
	(1) Describe status of required preconstruction approvals.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(2) Append permitting consultant's report.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
vii)	Describe proposed smoke control system work per Directive 15H-2. Provide draft system analyses required by the Building Code of New York State.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
viii)	Describe proposed hydronic system work per Directive 15H-3.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
ix)	Describe proposed heat generation system work per Directive 15H-4.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Provide design criteria and load calculations.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
x)	Describe proposed chiller system work per Directive 15H-5.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Provide design criteria and load calculations.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xi)	Describe proposed heat distribution system work per Directive 15H-6.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Provide design criteria and load calculations.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xii)	Describe proposed special air system work per Directive 15H-7	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Provide design criteria and load calculations.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xiii)	Describe proposed laboratory air system work per Directive 15H-8.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Provide design criteria and load calculations	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xiv)	Describe proposed commissioning work per Directive 15H-9.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA

xv)	Describe proposed gas system work per Directive 15P-1 and 15H-10.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Provide design criteria and load calculations.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xvi)	Describe proposed plumbing systems.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Provide design criteria and load calculations.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(2) Describe compliance with Directives 15P- 3 and 15H-10.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xvii)	Describe proposed backflow prevention system work per Directive 15P-5.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xviii)	Describe proposed sprinkler system work per Directive 15F-1.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Provide design criteria and load calculations.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xix)	Describe proposed fire alarm system work per Directive 16-3.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xx)	Describe proposed outdoor lighting system work per Directive 16-6.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
xxi)	Describe proposed electrical distribution system work per Directive 16-7.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Provide design criteria and load calculations for normal and emergency power	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(2) Provide Electrical Panel list with amperage	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(3) Provide a lightning risk assessment per Directive 16-9	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(4) Describe Lighting conservation per Directive 1B-7	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(5) Describe approach to emergency lighting, night lighting, and other special lighting systems.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA

xxii)	Describe proposed communications system work per Directive 27-1.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
e)	Describe energy conservation features and proposed compliance with Directive 1B-7.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
i.	Provide a LEED checklist in Appendix per Directive 1B-7.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(9)	Describe significant code requirements.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
a)	Provide narratives describing significant code items.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
b)	Describe anticipated variances.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
c)	Provide draft of SUCF code checklist in Appendix.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(10)	Propose anticipated proprietary sources per Directive 1C-2.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(11)	Propose anticipated design delegation per Directive 1C-13.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(12)	Describe presumed asbestos, hazardous materials or contamination that must be addressed to perform the work (Directives 1D-5 and 6).	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(13)	List of Program spaces and their Net Area.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(14)	Provide an Area Analysis per Directive 1C-1 includes the following:	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
a)	DESIGN: Net Area _____ Sq. Ft.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
b)	Gross Area _____ Sq. Ft	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
c)	Net Area to Gross Area Ratio:	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
d)	Describe how design provides for all functional and special requirements of Building and Site Programs and list deviations (if none, specify "NONE")	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(15)	Provide a proposed exterior and interior finish schedule listing all major and typical surfaces, areas or spaces.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(16)	Describe current adherence to the Design and Construction schedules. Justify and explain proposed changes.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(B)	Schematic Phase Drawings: Based on the approved Concept deliverables and by revising the approved Concept drawings and model.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(1)	Provide applicable Site Drawings scaled at least 1" - 50' including:	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
a)	A Key plan showing relation to campus plan	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
b)	Plans showing existing conditions and Property Lines.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA

c)	Plans showing relationship of building to site and proposed site improvements.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
i.	Show major Grading - existing and proposed contours (one or two foot intervals).	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
ii.	Show major outdoor spaces, their proposed levels, and the levels of elevation for all entrances to the building.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
iii.	Show location, materials and extent of roads, service drives, parking, walks, and terraces, athletic fields, loading docks, etc. and describe proposed materials per Directive 2-2.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(1) Show the accessible route.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
	(2) Show Fire protection Hydrants and fire-fighting routes.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
iv.	Show all site features and site amenities and differentiate between existing and proposed. See campus standards for pavers, Directive 2-9 for walls and stairs and Directive 2-10 for synthetic surfaces.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
v.	Show slopes complying campus mowing standards.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
d)	Plans showing demolition and removals. Show extent of earth retention systems, over excavation for poor soils and other geotechnical recommendations.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
e)	Plans show all site utility systems and connection points in a coordinated manner.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
i.	Show site utility system connection at points of known capacity.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
ii.	Show all new utilities from building along proposed route to connection point to existing lines for electric power, telecommunications, gas, water, heating system, chilled water system, sanitary, storm, site lighting, etc. Show significant profiles per Directive 2-3.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
f)	Plans showing Phasing and Construction Staging per Directive 1D-4.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
i.	Show Contract limit lines (including area for staging, new site utilities and other peripheral work.)	<input type="checkbox"/> Yes	<input type="checkbox"/> NA

ii.	Show construction staging area, parking and storage areas, temporary utility connection points and access route.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
iii.	Show considerations for maintenance of traffic.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
g)	Provide sections through site required for a description of design shown in plans above.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(2) Provide applicable architectural design:			
a)	Provide detailed floor and roof plans at 1/8" = 1'-0" scale for all levels and indicate proposed materials.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
i.	Show column lines and space numbers shown in compliance with the campus standard. Space names should be generic.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
ii.	Show roof work per Directive 7-1.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
iii.	Show selected room equipment and furniture layout.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
b)	Show full building sections for all significant levels, space elements and ceilings and relative heights and relation to adjacent grades.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
c)	Show exterior elevations (all sides) - indicate exterior color and materials for proposed envelope systems.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
i.	Show detailed elevations (all faces) - indicate exterior materials, finishes, colors and control joints.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
d)	Show typical wall sections, showing reinforcing and bracing for typical architectural details.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(3)	Provide applicable demolition and removal plans.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(4)	Provide applicable phasing and building access plans showing work and timing of major phases and contracts.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(5)	Provide applicable asbestos and hazardous materials removal plans per Directive 1D-6. Show column lines that match architectural plans.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(6)	Provide applicable structural drawings.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
a)	Show foundation plans.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
b)	Show floor and roof framing system. Show column lines that match architectural plans.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA

- c) Show framing design of typical floor or areas that indicates the structural system (dimensioned), columns, shear walls, etc. Yes NA
- d) Show significant architectural steel supporting special design features. Yes NA
- e) Show all design loads and confirm that design accounts for deflection per Directive 3-1. Yes NA

(7) Provide applicable Mechanical Drawings

- a) Show preliminary sizing and location for all air handling units, pumps, heat exchangers, chillers, cooling towers, etc., and routing of significant piping and ductwork. Show column lines that match architectural plans. Yes NA
- b) Show schematic diagrams for all air and water systems. Yes NA
- c) Show proposed path of travel for installation and future removal of major equipment. Yes NA
- d) At the existing buildings, show the capacity of existing systems being connected to. Yes NA
- e) At the existing buildings, show significant existing, adjacent equipment and systems to remain. Yes NA
- f) Show connection points with site utilities and campus building management systems. Yes NA

(8) Provide applicable Plumbing Drawings

- a) Show major equipment and fixture locations. Show column lines that match architectural plans. Yes NA
- b) Show riser diagrams for supply, sanitary, roof drain and special systems. Yes NA
- c) Show connection point with site utilities. Yes NA

(9) Provide applicable Fire Protection Drawings

- a) Show major equipment and fixture locations. Show column lines that match architectural plans. Yes NA
- b) Show sizing and location of fire pump, sprinkler, standpipe and other systems. Yes NA
- c) Show single line diagrams of sprinkler and/or standpipe system. Yes NA

(10) Provide applicable Electrical Drawings.

- a) Show major equipment and fixture locations. Show column lines that match architectural plans. Yes NA

b) Show connection points with the service for the electrical power, telecommunications, data, fire alarm and other systems.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
c) Provide a single-line diagrams that includes the following:		
i. Location of service connection. Confirm that existing system has capacity to accommodate design loads.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
ii. Preliminary sizing and location of major transformers, transformer substations, switchboards, distribution panels and motor control centers.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
iii. Preliminary sizing and location of major components of the emergency and standby power system.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
d) Show communication systems. Show preliminary sizing, riser diagrams and locations for telephone, fire alarm, door control, security and other systems.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
(11) Provide applicable Code Conformance Drawings		
a) Show occupancy classification for total building and/or for each floor level or portion of floor if they contain different occupancies.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
b) For the existing building, show plans and diagrams for each level articulating the work areas and the level of alteration for each work area.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
c) Show construction classification, building heights and number of stories, allowable height and fire areas, including code allowed increases, actual fire areas and smoke areas.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
d) Show location of fire walls, horizontal exits and other code required fire separations.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
e) Show the number of occupants in each major space, groups of spaces and per floor.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
f) Based on the number of occupants, show the number of exit units required and provided for each space and floor level.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
g) Show the travel distance measurements for all significant spaces and maximum travel distance allowed for each floor.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
h) Show exit widths required and provided.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
i) Show fire protection systems required and provided.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
j) Show code compliance for unique design features, floor openings, atriums, etc.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA
k) Show toilet fixture analysis for required and provided fixtures and spaces.	<input type="checkbox"/> Yes	<input type="checkbox"/> NA

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| I) For accessibility, show the spaces <u>not</u> on the accessible route. | <input type="checkbox"/> Yes <input type="checkbox"/> NA |
| (12) For projects where above-ceiling and/or shaft space is limited, provide a coordinated section showing the routing of major Mechanical, Electrical and Plumbing components. | <input type="checkbox"/> Yes <input type="checkbox"/> NA |