

Civil/Site Utilities (not including electrical)

- ☐ Site Survey Included
- ☐ Proposed construction fence / project limits shown
- ☐ Construction staging area(s) shown
- ☐ Existing storm and sanitary structures shown
- ☐ Proposed drainage method(s) shown
- ☐ Existing domestic and fire services shown
- ☐ Proposed domestic and fire services shown, including vault or pit details
- ☐ Campus chilled water piping shown
- ☐ Campus geothermal hot water piping shown
- ☐ Indiana American Water Company has been contacted and coordinated with
- ☐ Vectren Gas has been contacted and coordinated with (if required)
- ☐ Temporary power and water sources shown
- ☐ Site utility demolition is shown complete

Plumbing and Fire Protection

- ☐ Demolition shown complete
- ☐ Services and mains are shown
- ☐ All equipment shown (pumps, softeners, mixing valves, heaters, backflows etc.)
- ☐ Preliminary equipment schedule is provided
- ☐ Preliminary fixture schedule is provided
- ☐ Unsized branches are shown
- ☐ Need for fire pump is determined and pump is sized and shown if required
- ☐ FP system is zoned and hazard classifications are defined
- ☐ Any special FP system areas are shown (dry, pre-action, chemical etc.)
- ☐ Any equipment and mains for gas and compressed air systems are shown

Mechanical

- ☐ Demolition shown complete
- ☐ Piping and ductwork mains shown
- ☐ Unsized branch piping and ductwork is shown
- ☐ All HVAC equipment shown (Pumps, fans, exchangers, filters, coils, terminal units etc)
- ☐ Preliminary equipment schedules provided
- ☐ Air and water flow diagrams are shown
- ☐ Control schematics and sequences of operations are started
- ☐ Air terminal units are shown
- ☐ HVAC zoning is shown
- ☐ Large scale drawings are shown (equipment rooms)
- ☐ Piping and ductwork chases are shown
- ☐ Fire and smoke damper locations are shown

Electrical

- ☐ Demolition shown complete
- ☐ Electrical site plan is shown including incoming service / feeders and site lighting layout
- ☐ Incoming telecom services are shown
- ☐ Riser / single line diagram is shown
- ☐ Basis of design light fixtures are selected and shown on the fixture schedule
- ☐ Mechanical equipment requiring electrical power is shown
- ☐ All device (recepts, comm outlets, fire alarm etc) layouts are shown
- ☐ Light fixture layouts are shown
- ☐ Emergency distribution system is shown including generator location
- ☐ Basis of design information on the hazard analysis and coordination study is provided

General

- ☐ DD level estimate is provided that includes MEP and Site Utility line items
- ☐ Construction phasing schedule is provided
- ☐ Confirmation that IAWC, Vectren and BSU have been coordinated with for utilities
- ☐ Specification table of contents is provided
- ☐ List of proposed alternate bids is provided
- ☐ List of proposed variance applications is provided
- ☐ The Basis of Design (BOD) and Owner's Project Requirements (OPR) is provided
- ☐ Any Owner furnished items are defined

NOTE: The above list is meant to be used as a tool for both the Consultant and BSU in the preparation and review of the Design Development submittal documents. It is not an all-inclusive list and is not project specific but rather a "one size fits all" minimum requirement for the applicable items on any given projects. Some projects may require submission of additional information and documentation.