

A2. Drawing Submission Requirements

A2.3. Consultant's submissions

A2.3.1. Consultant's drawings shall comply with the general requirements of **Section A2.2.** and **Table A2.2.**

Table A2.2: Consultant's Drawing Submissions

ITEM	REQUIREMENTS
5. FIRE PROTECTION AND SUPPRESSION SYSTEM	<ul style="list-style-type: none"> i. Consultant's fire protection and suppression system drawing file shall consist of the following drawings. <ul style="list-style-type: none"> a. Floor plans showing sprinkler heads, fire hose cabinets and connecting piping, major valves such as ACV, Zone control valve—1 page for each floor. b. Gas suppression system layout with Containers location, piping distribution and nozzles. c. Foam suppression system layout with storage tank location, piping distribution and nozzles. d. Design criteria tables for Sprinklers, Gas suppression systems and foam suppression systems. e. Pre-action system layout with piping and nozzle heads f. Pipe sizes on each piping distribution g. Pump room location and details—1 page or next to its floor plan h. Riser diagram for Sprinklers, hose cabinets with pump and water tank capacities—1 page i. Legend shall be shown on each page j. Breeching inlet connection locations. k. Typical installation details of every equipment in the proposal—1 page ii. All the above pages shall be combined as one file.
6. COLOR SCHEME FOR FIRE PROTECTION AND SUPPRESSION SYSTEM	<ul style="list-style-type: none"> i. Color scheme for Fire protection system drawings shall be as per life safety legend of Figure A2.3. and below. <ul style="list-style-type: none"> a. Sprinklers, nozzles, FHC, Valves shall be RED. b. Hose Piping shall be BLUE. c. Sprinkler piping, gas suppression piping, foam system piping etc in GREEN. d. Fire extinguishers shall be RED. ii. See Figure A2.2.e., Figure A2.2.f. and A2.2.g. for more details.