

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
9. LPG/NATURAL GAS SYSTEM	<ul style="list-style-type: none"> i. Consultant's LPG/Natural gas system drawing file shall consist of the following drawings. <ul style="list-style-type: none"> a. Floor plans showing LPG/Natural gas piping distribution, control valves, supply points, gas detectors, emergency switches, control panel location, filling point location, PRDP location —1 page for each floor. b. Location and installation details of tanks with clear tank dimensions, separation distances from buildings, roof edges, structures and shafts.- 1 page c. Pipe type and sizes shall be shown. d. Shaft fire rating shall be shown. e. Riser diagram for system with piping distribution for each floor—1 page f. Legend shall be shown on each page g. Typical installation details of every equipment in the proposal, including piping through shafts, containment arrangement, detector installation, control panel installation, PRDP details with dimensions —1 page ii. All the above pages shall be combined as one file.
8. COLOR SCHEME FOR LPG/NATURAL GAS SYSTEM	<ul style="list-style-type: none"> i. Color scheme for smoke control and smoke management system drawings shall be as per life safety legend of Figure A2.6. and below. <ul style="list-style-type: none"> a. Gas piping distribution shall be CRIMSON. b. Gas tanks shall be CRIMSON. c. Shafts and containment piping shall be RED. ii. See Figure A2.2.j. and A2.2.k. for more details.