

A2. Drawing Submission Requirements

A2.7. Infrastructure submissions

A2.7.1. Consultant's drawings shall comply with the general requirements of **Section A.2.2.** and **Table A.2.5.**

Table A2.5.: Consultant's Drawing Submissions

ITEM	REQUIREMENTS
1. INFRASTRUCTURE DRAWINGS	<ul style="list-style-type: none"> i. Consultant's infrastructure drawing file shall consist of the following drawings. <ul style="list-style-type: none"> a. Cover page—1 page. b. Setting out plan with plot usage. The division of plots shall clearly convey the type of buildings, Nature of occupancies in colour coded format (For example, G+9 Buildings in one color group, G+4 in another colour etc)—1 page c. Fire access road—1 page d. Details of fire access road dimensions, detailed layout of road network in scale conveying clearly the road network, roundabouts, bridges/ underpasses with sections. —1 page for each sector/ phase/ plot. e. Sections of roads showing trenches allotted to Hydrant, Fuel Gas, Fire detection and alarm systems etc—2 pages f. Master Hydrant network—1 page g. Details of Hydrant network, with pipe sizes—1 page for each sector/ phase/ plot h. Fire pump room location, pump and tank capacities—1 page i. Riser diagram showing hydrant looped network, pump and tank capacities—1 page j. LPG/ Fuel gas network—1 page k. LPG/ Fuel gas tank location with capacities and specifications—1 page. l. If, commercial villas are part of the proposal, Fire Detection and Alarm system in each villa and the interfacing network with FACP, Repeater panel locations—1 page for each sector/ phase/ plot. m. Riser diagram showing Fire Detection and Alarm system network, —1 page. ii. Plot usage, Road network shall be combined as one file. iii. Yard hydrant, fire fighting details shall be combined as one file.
2. COLOR SCHEME FOR INFRASTRUCTURE DRAWINGS	<ul style="list-style-type: none"> i. Color scheme for life safety drawings shall be as per life safety legend of Figure A.2.1. and below. <ul style="list-style-type: none"> a. Fire access road shall be PINK. b. Stairs shall be GREEN. c. Corridors, exit passageways, exit accessway shall be LIGHT GREEN d. 2 hour rated walls shall be RED. e. 1 hour rated walls shall be BLUE f. 90 minutes fire door shall be RED, as per Figure A2.1. g. 60 minutes fire door shall be BLUE, as per Figure A2.1. ii. Show pump room details. See Figure A2.2.c. iii. See Figure A2.5. and relevant sections of this chapter for Fire Detection and Alarm, Fire Fighting, and LPG Systems for more details.