CHECKLIST FOR FIRE PROTECTION PLAN (SPRINKLER SYSTEM)

Project Title:	**Project No.**
	Date:

Standard Requirements	**Applicable**		**Not Applicable**
	Complied With	**Not Complied With/Waiver Sought**	
(1) The proposed sprinkler system has been designed in accordance with the provisions of the accepted code – CP52 / AS2118/LPC/FM.*			
(2) Summary of pressure loss calculations is attached.			
(3) Schematic diagram is included in drawings and complete with:			
(a) Each storey level and height superimposed			
(b) Relative location of water tanks, pumps, control valves and pipe network.			
(c) PUB incoming pipe immediately after the water meter to the water tank.			
(d) Breching inlets and their line connection to the sprinkler system.			
(e) Sizes of pipe network.			
(f) Flow rate and pressure of each fire pump.			
(g) Flow rate and pressure at each control valve.			
(h) The effective capacity of each water tank.			

*** Delete accordingly**

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Name & Signature of Project Manager

CHECKLIST FOR FIRE PROTECTION PLAN (SPRINKLER SYSTEM) (CONT'D)

Project Title:	**Project No.**
	Date

Standard Requirements	**Applicable**		**Not Applicable**
	Complied With	**Not Complied With/Waiver Sought**	
(4) Plans are complete with: (a) Each design point clearly marked and identified.			
(b) Pipe sizes.			
(c) Layout run of PUB incoming line from the water meter to the water tank.			
(d) Layout run of breeching inlet line to the system.			
(e) Location of pipe risers/downcomers of the pipe network.			
(f) Location of each control valve identified on the schematic diagram.			
(g) Status indication of each control valve			
(h) Location of each water tank and pump.			
(i) Location of associated fire alarm bells and call points at each sprinkler protected storey.			
(j) Spacing of sprinkler comply with relevant Clauses in CP.			
(k) To show ductwork of width more than 800 mm in "hidden lines" & provide sprinklers.			

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Name & Signature of Project Manager

CHECKLIST FOR FIRE PROTECTION PLAN (SPRINKLER SYSTEM) (CONT'D)

Project Title:	**Project No.**
	Date

Standard Requirements	**Applicable**		**Not Applicable**
	Complied With	**Not Complied With/Waiver Sought**	
(5) Each water tank is complete with: (a) 2 compartments			
(b) Refill inlets into 2 compartments			
(c) Water level indicator for each compartments			
(d) Ladder			
(e) Overflow and drainage facilities for discharge out of the tank room			
(f) Maintenance access manhole for each compartment			
6. All fire pumps are accommodated in sprinkler protected pump room provided with adequate ventilation.			
7. Depth of ceiling spaces is indicated clearly on relevant sectional plan.			
8. Raised floor areas are highlighted clearly on plans and depth is indicated.			
9. The raised floor spaces if they are exempted from providing sprinkler protection are provided with smoke detectors.			
10. The fire compartment rooms if they are exempted from providing sprinkler are provided with smoke detectors.			

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Name & Signature of Project Manager

CHECKLIST FOR FIRE PROTECTION PLAN (SPRINKLER SYSTEM) (CONT'D)

Project Title:	**Project No.**
	Date:

Standard Requirements	**Applicable**		**Not Applicable**
	Complied With	**Not Complied With/Waiver Sought**	
11. Structural beam layout of the floor above is super-imposed on the floor plan.			
12. All sprinklers riser pipe shafts do not contain any flammable gas/liquid pipes or PVC pipes.			
13. Audio & Visual alarm is provided for sprinkler pump when pump operation mode selector is not in Auto position.			

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Name & Signature of Project Manager