



Fire Protection and Hydraulics Engineering Coordination

No.		Check Box *
01	Confirm size and location of all new utilities connections to existing services.	
02	Confirm that plumbing fixture, supply and drain locations match architectural.	
03	Confirm storm drainage locations and details against architectural.	
04	Check perimeter foundation drainage against architectural.	
05	Confirm supply size of any fixtures requiring special volume supply, such as hot tubs and large spas.	
06	Verify wall chases, recesses and ducts on architectural at vertical piping locations.	
07	Confirm that no wet piping is run in unheated spaces (freezing climate only).	
08	Confirm that all vents are shown on roof plan.	
09	Confirm that access panels are provided for all concealed valves.	
10	Confirm that materials descriptions are in specification and not on drawings.	
11	Confirm that all conditions of the Fire Brigade approval are met by the building and fire systems design.	
12	Confirm that all conditions of the Fire Brigade approval are met by the building and fire systems design.	
13	Obtain BSEng's written certification that the sprinkler system design has been checked for and is in compliance with statutory requirements and insurer's requirements.	
14	Obtain BSEng's written certification that the fire alarm system has been checked for and is in compliance with statutory requirements and insurer's requirements.	
15	Check all plumbing fixtures against fixture schedule.	
16	Check all plumbing fixtures against specification.	
17	Check all taps and fittings against fixture schedule.	
18	Check for missing or incomplete drawing notes.	
19	Check fire protection hydraulics specification against fire protection and hydraulics drawings.	
20	Confirm calculations for gutter sizes; check box gutters for overflows.	
21	Check coordination of sprinkler heads/detectors with lighting and mechanical air diffusers on reflected ceiling plans.	
22	Check that drain has been provided for the fire sprinkler control valve set.	
23	Check that provision (drain or openable window) has been made for performance testing of hydraulically least favourable hydrant or hose reel.	