

Checklist for Application for Typical Modifications / Exemptions in Drainage Plan Submissions

(This checklist is **not** required to be submitted to the BD)

- : information to be shown on plan
 : information to be accompanied with the plan submission

Modifications / Exemptions Frequently Applied For		Reference
1.	<p>B(SSFPDWL)R 19 – permission of the discharge from flushing cisterns of watercloset fitment to be less than 9 litres</p> <p><input type="checkbox"/> Justification that the associated toilet bowls are compatible with the cisterns, the syphonic action is sufficient for the wastes in the toilet bowls to be cleared effectively by a single flush, and the flushing apparatus meets the requirements of the Water Authority.</p>	B(SSFPDWL)R 19
2.	<p>B(SSFPDWL)R 24(2)(a) – permission of the internal diameter of a trap to a soil fitment within domestic, office, shop or industrial premises to be less than 80 mm</p> <p><input type="checkbox"/> Justification that the fitment is of syphonic action and the internal trap diameter is to be not less than 54 mm</p>	B(SSFPDWL)R 24(2)(a)
3.	<p>B(SSFPDWL)Rs 29(1), 29(2) & 50(2) – permission of cleaning access to be other than cleaning eyes and jointing of cast iron pipes to be other than lead caulking</p> <p><input type="checkbox"/> Maintenance and cleaning method of the mechanical coupling joint</p> <p><input type="checkbox"/> Justification that the proposed jointing method is by means of proprietary socketless drainage system which allows convenient dismantling and reinstalling, and the products meet the requirements of international standards</p>	B(SSFPDWL)Rs 29(1), 29(2) & 50(2)
4.	<p>B(SSFPDW&L)R 31(1) – permit vent pipes to be carried up to a lesser height in cases where the Hong Kong Airport (Control of Obstructions) Ordinance would otherwise be contravened</p> <p><input type="checkbox"/> Location of the pipes unlikely create a nuisance to nearby occupancy</p>	B(SSFPDW&L)R 31(1)
5.	<p>B(SSFPDWL)R 44(4) – permission of the protection of cast iron pipes to be other than asphaltic coating</p> <p><input type="checkbox"/> Supporting documents for the coating</p>	B(SSFPDWL)R 44(4)
6.	<p>B(SSFPDWL)R 48 – permission of less fall for drains and sewers</p> <p><input type="checkbox"/> Substantiation that a minimum velocity of 750mm/s is achieved</p>	B(SSFPDWL)R 48
7.	<p>B(SSFPDWL)R 50(3) – permission of flexible joint for underground drainage pipework in reclaimed land</p> <p><input type="checkbox"/> Location of the flexible joints</p> <p><input type="checkbox"/> Calculations on the anticipated settlements and test report demonstrating that the flexible joint system can accommodate the anticipated settlement</p> <p><input type="checkbox"/> Specification and catalogue of the flexible joint system</p>	B(SSFPDWL)R 50(3)

8.	B(SSFPDWL)R 49(2) – permission of junction of branch drains to be made within a manhole to an oblique angle more than 60 degrees <input type="checkbox"/> Location of manhole and the oblique angle not exceeding 90 degrees <input type="radio"/> Restrictive site conditions	B(SSFPDWL)R 49(2)
9.	B(SSFPDWL)R 56(3) – permission of benching in a manhole to have a gradient of less than 1:2 <input type="checkbox"/> Benching gradient not less than 1:12 (1:6 for manhole less than 1m in depth)	B(SSFPDWL)R 56(3)

(9/2016)