**CHECKLIST FOR BUILDING PLAN SUBMISSION TO CBPU ON SANITARY INSTALLATION**

| **Project Title:** | **Project No.** |
|---|---|
| | **Date** |

| **Standard Requirements** | **Applicable** | | **Not Applicable** |
|---|---|---|---|
| | **Complied With** | **Not Complied With/Waiver Sought** | |
| (1) The sanitary system is designed to comply with the Code of Practice on Sewerage and Sanitary works. | | | |
| (2) Please check whether proposed development affects existing sewers, pumping mains, existing connections from neighbouring lots and industrial water main. | | | |
| (3) Diversion of sewers is required if the proposed structures will be sited over or in proximity to existing sewers. | | | |
| (4) All proposals are coloured, in particular:<br><br>Boundary lines, proposed and existing drainlines, inspection chambers, above ground pipe works, sanitary applicances, minor sewers (proposed in red, existing in blue, deletion in yellow, ventilating pipes in green) | | | |
| (5) Levels shown are based on Government bench mark/invert level of existing manhole. | | | |
| (6) All surface drains with invert levels where it is likely to affect drainline or sewer crossing are shown. | | | |
| (7) Clearance between proposed/existing building and proposed/existing sewers are shown. | | | |

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Name & Signature of Project Manager

**CHECKLIST FOR BUILDING PLAN SUBMISSION TO CBPU ON SANITARY INSTALLATION - (CONT'D)**

| **Project Title:** | **Project No.** |
|---|---|
| | **Date:** |

| **Standard Requirements** | **Applicable** | | **Not Applicable** |
|---|---|---|---|
| | **Complied With** | **Not Complied With/Waiver Sought** | |
| (8) Last inspection chamber is sited within 2.5 metres of lot boundary. Inspection chambers for branch drainlines are less than 1.5 metres in depth (measured from platform level of building to invert level of inspection chamber). | | | |
| (9) Connection from last IC to existing manhole shall be VC pipe of minimum 200mm ∅. | | | |
| (10) Check that IC dimension is sufficient for all branch drainlines connection. | | | |
| (11) No acute flow at branch drainline connection in IC. | | | |
| (12) Branch drainlines are of minimum 100mm in diameter, maximum 10 metres in length to the inspection chamber; main drainlines are of minimum 150mm in diameter, maximum 50 metres in length between inspection chambers; and all within acceptable gradients. | | | |
| (13) Floor traps are vented. | | | |
| (14) Cross venting of stack at every 10 floor and at bends. | | | |
| (15) Floor trap provided for cooling tower discharge. | | | |
| (16) Floor traps are provided at shower. | | | |

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Name & Signature of Project Manager

**CHECKLIST FOR BUILDING PLAN SUBMISSION TO CBPU ON SANITARY INSTALLATION - (CONT'D)**

| **Project Title:** | **Project No.** |
|---|---|
| | **Date:** |

| **Standard Requirements** | **Applicable** | | **Not Applicable** |
|---|---|---|---|
| | **Complied With** | **Not Complied With/Waiver Sought** | |
| (17) Vent stack terminated at roof away and above roof garden. | | | |
| (18) Floor washing from common corridor, verandah, covered car park, staircase, void deck, bin centre, refuse chute and canteen are connected to sewer. | | | |
| (19) Existing building, drainlines and sewerage connections to be sealed are indicated. | | | |
| (20) Ejector/divertor pit is of minimum size 3m x 3m. Depth to suit incoming IC invert level. The following utilities are provided for servicing and maintenance:<br>(a) Manual chain block of 1 ton capacity | | | |
| (b) Supply and exhaust mechanical ventilation system | | | |
| (c) Water supply tap | | | |
| (d) Lighting and power point | | | |
| (e) Aluminium cat ladder and removable railing | | | |
| (21) Every canteen, cooked food center and restaurant shall be provided with grease trap. If these food establishments are located below surrounding ground level, a sewage divertor shall be provided. | | | |

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Name & Signature of Project Manager

**CHECKLIST FOR BUILDING PLAN SUBMISSION TO CBPU ON SANITARY INSTALLATION - (CONT'D)**

| **Project Title:** | **Project No.** |
|---|---|
| | **Date** |

| **Standard Requirements** | **Applicable** | | **Not Applicable** |
|---|---|---|---|
| | **Complied With** | **Not Complied With/Waiver Sought** | |
| (22) Sensor-operated concealed flush valves for water closet and urinals shall be provided for public toilets (NEA circular EHD/CN/20 Vol. 1 dated 19 May 2003 refers). | | | |
| (23) No soil, waste and vent pipe shall be installed above potable water tank and inside potable water pump and tank room. | | | |
| (24) Attach list of waiver applications and/or issue clarified via pre-consultation. | | | |
| (25) Calculations for:<br>(a) Discharge unit and flow rate | | | |
| (b) Gravity pipe sizing | | | |
| (c) Ejector/Divertor/Sump pump sizing | | | |
| (26) The discharge pipe shall also not be located in places where it can give rise to nuisance conditions during maintenance. In particular, for buildings under the Land Titles (Strata) Act, discharge pipes shall not run above bedrooms, living room, dining room or kitchen areas of the strata unit below. Where such routing cannot be avoided, suitably designed service duct to allow access for maintenance shall be provided. | | | |

Name & Signature of Project Manager