### DRAINAGE STRUCTURE SELECTION GUIDE

<table>
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<tr>
<th>PIT DEPTH</th>
<th>COVER/STRUCTURE TYPE</th>
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<td>MANHOLE UNDER TRAFFIC</td>
<td>MANHOLE OFF THE ROAD</td>
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### NOTES:

1. All new drainage structures shall be of the type specified in the "DRAINAGE STRUCTURE SELECTION GUIDE" and in accordance with the referred drawings.

2. Drainage structure types are determined by:
   - Depth from underside of cover to top of base
   - Diameter of the largest connected pipe
   - Type of opening required

3. The 3-letter naming convention (refer detail above)
   - The first letter describes the below-ground part of the structure.
   - The second and third letters describe the surface openings and strength of the cover respectively.

4. There are four options for the shape of the below-ground part of the drainage structure, namely:
   - (T) SHALLOW STRUCTURE
   - (S) STANDARD STRUCTURE
   - (B) BENCH Structure
   - (D) DEEP STRUCTURE

5. There are eight options for the cover, namely:
   - (T)T) Wide rectangular split manhole lid, able to carry traffic.
   - (SW) Wide rectangular split manhole lid, not able to carry traffic.
   - (RN) Round or rectangular manhole lid, able to carry traffic.
   - (RB) Round or rectangular manhole lid, able to carry traffic.
   - (IS) ISIDE ENTRY GULLY, not able to carry traffic.
   - (G) STREEET GULLY - Grated opening, able to carry traffic.
   - (IHM) NORMAl CATCHPIT - Grated opening, not able to carry traffic.
   - (IH) HIgh-FLOW CATCHPIT, not able to carry traffic.

6. Structures that are beyond the ranges defined on this drawing shall be designed specifically.

7. All pipes shall be trapped before connecting to water corporation drains. Pit silt traps in accordance with DRG No 200231-121 shall be provided for pipes Ø600 or less.

8. Each drainage structure can be constructed from either liners or brick (where specified).

9. When showing structure types on detailed design/construction drawings, they shall be detailed as shown below:
   - (T)T) FOR CONSTRUCTION USING LINERS
   - (SW) FOR CONSTRUCTION USING BRICKS

10. This drawing supersedes Drawing 2031-5000.