The purpose of the Standard Drawing is to provide typical standard details that shall be used within the limitations specified in the drawing and accordance with the following:

1. The use of the standard details shall be assessed by the project designer in respect of specific project geometric, topographic, and structural considerations.

2. If the field investigation undertaken by the Project Engineer determines that the foundation capacity is not adequate, the Project Engineer shall engage a PE/GEotechnical Engineer to develop a specific project solution to ensure the adequate bearing capacity.

3. These design solutions shall be reviewed and accepted by E&T Structures and Geotechnical sections.

4. When there is uncertainty regarding the application of the standard details on this drawing for a specific project, advice should be sought from E&T Structures.

NOTES:

1. PIPE CULVERTS AND STRUCTURES shall be in accordance with MTE03.

2. PIPE DIAMETERS greater than 2400 require a special design.

3. CONCRETE pipes shall be in accordance with MTE370.

4. CONCRETE pipes shall be in accordance with MTE370.

5. Minimum concrete strength and cover to reinforcement shall be in accordance with AS 5100.