

Hamilton City Development Manual	
Volume 4 : Quality Systems for Land Development	Part 9 – Appendices
Authorised by : Design Services Manager	

APPENDIX 7

GUIDELINES FOR SUBMISSION OF DIGITAL DATA FOR WATER AND DRAINAGE AS-BUILT PLANS

The following guidelines outline the required format of digital data for water and drainage as-built plans that are submitted to Hamilton City Council. Hamilton City Council requires digital data to be submitted in the following format:

- File Format: Release 12 (AC1009) ASCII DXF (with ".DXF" Suffix)
- Drawing Coordinate Datums:

Preferred

New Zealand Geodetic Datum 2000 (NZGD2000)

Projection: Mount Eden Circuit 2000

Acceptable alternative

New Zealand Geodetic Datum 1949

Projection: Mt Eden Circuit 1949

- Separate files are required for the 3 asset groups and a fourth file is required for the property boundary and road information.

DXF Filename

BD.dxf

WW.dxf

WS.dxf

SW.dxf

Drawing File Content

Property & Road Boundary Vectors and lot numbers

All Wastewater Assets

All Water Supply Assets

All Stormwater Assets

- Only include layers that are relevant to that DXF:i.e. 'WW.dxf' only has layers of the wastewater assets. Don not include property boundaries, road names, etc.
- The DXF file does NOT need to have only 1 layer. Multiple layers can be used, so long as the layers included only relate to the asset class of the particular DXF file.
- Do not include any extraneous text, tables, or borders in the DXF file. Text such as boundary references, pipes sizes, lengths, etc are not needed in the DXF File. Similarly coordinates are not needed, this information is inherent in the datum and location of features shown in the DXF file.
- As-built data not required in this format includes: plans relating to construction of wastewater pump stations, long sections, and stormwater control devices.
- Make sure all symbology such as manholes are 'exploded' prior to saving as a DXF file.

The files are to be e-mailed to the Subdivisions Officer, Planning Guidance Unit.

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E-mail to: asbuilts@hcc.govt.nz

Subject Heading: include the HCC Subdivision Consent Number and the subdivision name and stage number

Message body: Water and Drainage As-Built Plans in DXF Format for HCC Subdivision Consent Number and the subdivision name and stage number.