

MRWA 12d PACKAGE

ALDE has prepared a MRWA 12d package to provide long sections and plan plots in accordance with the new MRWA standard. The package includes the files, templates and map files required to create a MRWA environment and generate outputs from 12d.

Summary Spreadsheet

- The MRWA 12d Sewer package has been tested by a number of consultants and feedback has been positive. There is a brief explanation in a MRWA Sewer 12d Package Excel document for each file that is included in the package.

12d #Includes

- There's a function in 12d that lets you include other files within a file by entering a code in your base file that points a sub file, I've included an example that Matt Stephens from 12d has provided explaining the process.
 - For example, instead of adding the MRWA pit types to your standard drainage.4d file you can add an #includes and point to the drainage-mrwa.4d file provided. This will then load those pit types into your project without effecting the drainage.4d file which will be used in other projects
 - An alternative to #includes is to place the drainage-mrwa.4d file in a user library specific to MRWA 12d projects and path to it in the environment file.

Long Section PPF's

- The long sections are being produced by the drainage/sewer long section ppf, and not the old Melbourne Water ppf, this allows the long section to produce il's for property connections on the long section.
- Long Sections and plots have been created using standard 12d colours from the colours.4d file, and mapping files have been designed to convert those colours into the layers in the MRWA AutoCAD templates on the MRWA website.

New Features in development

- The following features will be added to the MRWA package in due course
 - Plan Plot that provides existing Structure Names, Invert Levels and Pipe diameters for use on existing stages
 - 12d Cut Strings Procedure to enable backfill to be specified on Long Sections

If you have any questions regarding the package or setting up that package, please email sah@ldeng.com.au and either Matt Stephens from 12d or myself will assist you with setting up the package.

Steve Hodgson

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