App:	3D City Data Maintenance
Version:	1.3 Beta
Date:	March 28, 2014

Introduction

This is an ArcGIS for Desktop application for setting up and managing a 3D City database. The 3D City Data Maintenance app enables you to do the following things:

- Setting up the database schema
- Importing essential 2D data, such as building footprints, parcels, zoning districts and street centerlines or curbs
- Importing 3D buildings
- Identifier Management
- Linking 2D and 3D data

Structure

The 3D City Data Maintenance app consists of these components:
- ArcMap Document (3DCityMaintenance.mxd)
- Python Schema Tools toolbox (3dCitySchemaTools.pyt)
- Data Maintenance Toolbox (3dCityMaintenance.tbx)
- Configuration files for the toolboxes (\Configuration\SchemaTools*)

Requirements to use this workflow

When you have unpacked the archive that this app was distributed with, you are ready to go. Just open the *.mxd in ArcMap. You do need to have the following software installed:

Software:

- ArcGIS 10.2.1
    - o 3D Analyst extension
    - o Data Interoperability extension (or FME 2012)
- Microsoft Excel or OpenOffice/LibreOffice Calc for editing the configuration files

Data:

- Local Government data, CityGML or arbitrary data containing Building Footprints, Zoning Districts, Parcels and street centerlines or curbs.
- Terrain (please also refer to the online 3D Cities Elevation documentation for information on how to create a digital elevation model)
- 3D Building Shells