

***APPENDIX 4***

***PROTOTYPE***

# RISWG Parcel Model Demonstration Browser

## Installation Instructions

### A4.1 Introduction

The purpose of the prototype is to illustrate a possible implementation of the RISWG Detail Property Model. The primary concept that is illustrated is the way data can be navigated to support planning related questions. This navigation means that the prototype can be used to look at an instance of an entity (e.g. Municipal Parcel), and then the various relationships that are defined in the Detail Property Model can be used to find related instances in other entities.

The prototype is implemented using a number of commercial technologies.

The spatial processing is provided by ESRI MapObjects. The version that is included in the CD is the same one that is available without charge for downloading from ESRI's Website. Note that this software will expire, hence to continue using the prototype will require reinstallation after about 3 months from the time of the first install.

The main body of the application was written in Sybase PowerBuilder. The CD includes the Sybase Deployment Kit (DDK6.5), which is necessary for running the application. Part of this deployment kit is a runtime of the Sybase relational database. This is also installed along with the Deployment Kit.

Please note that this application require a fairly sophisticated environment to execute, so be careful to follow the directions for installation.

### A4.2 Installation

1. First step is to install the Map Objects evaluation program.
  - 1.1 Close all open applications.
  - 1.2 Insert CD into CD-ROM drive.
  - 1.3 Choose Run from the Start menu.
  - 1.4 Type G:\MAPOBJECTS\mo\_only\_eval.exe (where G is the CD-ROM drive).

- 1.5 Click OK or press Enter.
- 1.6 Follow on-screen instructions. Take all defaults.
2. Second step is to install the Powerbuilder Deployment Kit.
  - 2.1 Close all open applications.
  - 2.2 Insert CD into CD-ROM drive if not already there.
  - 2.3 Choose Run from the Start menu.
  - 2.4 Type G:\DDDK32\SETUP.EXE (where G is the CD-ROM drive).
  - 2.5 Click OK or press Enter.
  - 2.6 When the choice for which part to install appears, make sure that you include the Sybase runtime and the ODBS drivers.
  - 2.7 Follow on screen instructions, and write down the installation directory for use in step 4.8 if your not using the default directory location.
3. Third step is to install the RISWG Browser.
  - 3.1 Close all open applications.
  - 3.2 Insert CD into CD-ROM drive if not already there.
  - 3.3 Choose Run from the Start menu.
  - 3.4 Type G:\RISWG BROWSER V2.00.000\disk1\SETUP.EXE (where G is the CD-ROM drive).
  - 3.5 Click OK or press Enter.
  - 3.6 Follow on screen instructions. Take all defaults.
4. Fourth step is to configure the ODBC connection. (this connects the application to the Database engine).
  - 4.1 Choose Settings from the Start menu. Then click on Control Panel.
  - 4.2 Double click on 32 Bit ODBC Data Sources icon.
  - 4.3 Click on the Add... button.
  - 4.4 Scroll to the bottom of list and select Sybase SQL Anywhere 5.0, then click on Finish.
  - 4.5 Click on the Browse...button. Navigate to the C:\PDSPROTOTYPE directory and select the pds.db file. Then click on the Open button.
  - 4.6 In the Connection Information of the current menu (SQL Anywhere ODBC Configuration) fill in the User ID and Password. User ID is "dba" and Password is "sql" (without the quotation marks).
  - 4.7 Still on the same menu select the Options... button right below the Browse...button.
  - 4.8 The Start Command value in the text box needs to be changed to the directory where you installed the powerbuilder deployment kit (step 2). Plus the addition of the SQL Anywhere 5.0 directory and a file name. The following example is for the default directory location of the deployment kit installation.

Example: “C:\Program Files\Sybase\DDDK6\SQLAnywhere  
5.0\rtask50.exe”.

4.9 Click the OK button.

4.10 Click the OK button.

4.11 Click the OK button.

5. Fifth step is to run the RISWG Browser by using the Start menu.
6. When the application starts, it will show a sign-in screen. Accept the defaults presented for Username and Password, and just press OK.