

# NC06ST DEMO INTERFACE USER GUIDE

## -- Stereo 3D Query and 3D Design For 3D GIS

The image shows a screenshot of the '3D Query & Design for 3D GIS' software interface. The window title is '3D Query & Design for 3D GIS - NewCyber3D www.newcyber-3d...'. The menu bar includes 'Scene', 'Flyfreely', 'Path', 'PathFly', '3D Application', 'Simplification', 'Stereo', and 'Help'. The toolbar contains various icons for data input, projection, rendering, navigation, and design. The main 3D scene displays a landscape with a path, a building, and a yellow rectangular area. The status bar at the bottom shows 'Ready'.

17 numbered callouts provide detailed instructions for each feature:

- 1 Data Input:** DEM data, texture data, object data
- 2 Projection Options:** Ortho, Perspective, Simulation
- 3 Rendering Mode:** Wired-frame, Shading, Color-ramp, Texture Mapping
- 4 Birdview:** Use "M" key to start or stop birdview.
- 5 3D Control:** Use "R" to reset the scene parameters. Use arrow keys and "A", "Z", "S", "X" to move the terrain, "F", "V" to change height scale.
- 6 3D Picking:** Use left mouse button to pick 3D coordinate in 3D scene.
- 7 3D Query:** Use left mouse button to select the object, and then object info dialog is popped out.
- 8 Navigation Window:** Turn on/off the small navigation window.
- 9 3D Design:** design path in 3D scene.
- 10 3D Edit:** Edit the path in 3D scene.
- 11 3D Design Display:** Turn on/off control points and interpolated curve points.
- 12 Path Data Loading/Saving**
- 13 Real-time flythorough:** Start to fly or stop flying along the route (path).
- 14 Stereo view**
- 15 Red-blue stereo view**
- 16 Above-below stereo view**
- 17 Quadbuffer stereo view**