

by BILLY MOONEY

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approved ND

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## TRAINING SYLLABUS

### DPL1 OPENBUILDINGS DESIGNER STRUCTURAL

no. of delegates Up to 6 maximum.

description Creating 3d models using OpenBuildings Designer can help improve the production of documentation as well as provide better visuals. This course introduces attendees to the fundamental concepts and workflows for using OpenBuildings Designer Structural as a BIM modelling package as well as how to output 2D documents to either paper or a distributable, electronic version.

prerequisites The attendees should be proficient working with 2D elements and AccuDraw.

objectives The use of OpenBuildings Designer for Building Information Modelling will be covered through:

#### 1. CONTROLLING 3D SPACE

- Introduction to 3D
- View Controls
- AccuDraw in 3D

#### 2. SETTING UP THE PROJECT

- Coordinate space
- Grids
- Floor Manager and ACS

#### 3. 3D MODELLING

- Primary structural elements
- Editing and modifying objects
- DataGroups and DataGroup Explorer
- Using structural shapes
- ProStructures
- Stairs

#### 4. DYNAMIC VIEWS

- Defining Dynamic Views
- Resymbolisation rules

#### 5. SCHEDULES

- Working with Excel

#### 6. CREATING DRAWINGS

- Using Drawing Models
- Setting up Sheets
- Annotation and Details