



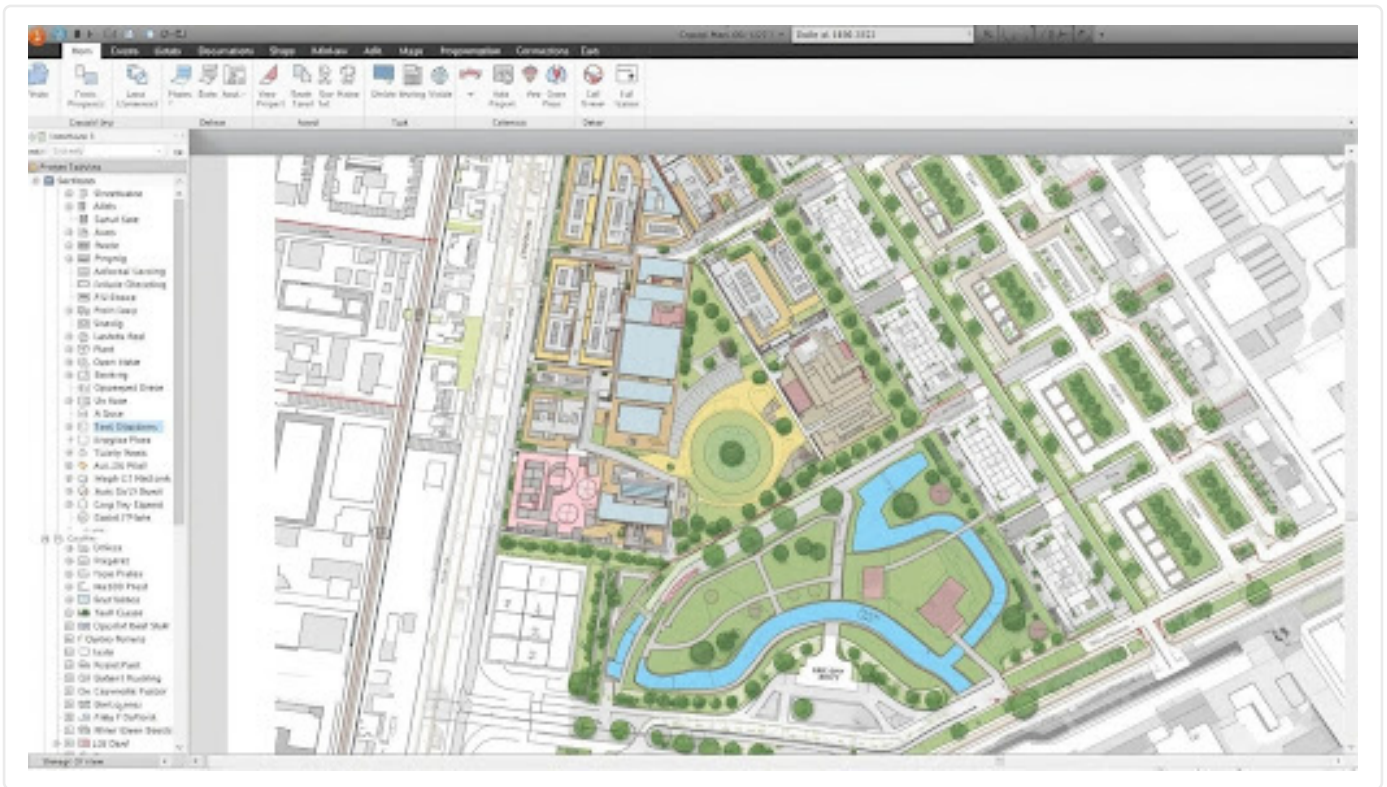
# LOD 300 Landscape BIM Modeling & Documentation for Multi-Zone Urban Development

(Landscape BIM Modeling, Documentation & BIM/VDC Coordination Services. )

CASE STUDY



TECHTURE



**Client** : Landscape Design Consultant

**Team Size** : 7 No.s (BIM Engineer & BIM Coordinator)

**Disciplines** : Landscape

**Duration** : 3 Month

**Type** : Infrastructural

**Software** : Autodesk Revit

**Location** : Dubai, UAE

**Scale** : 8,39,000 Sq. Ft.



## Project Overview

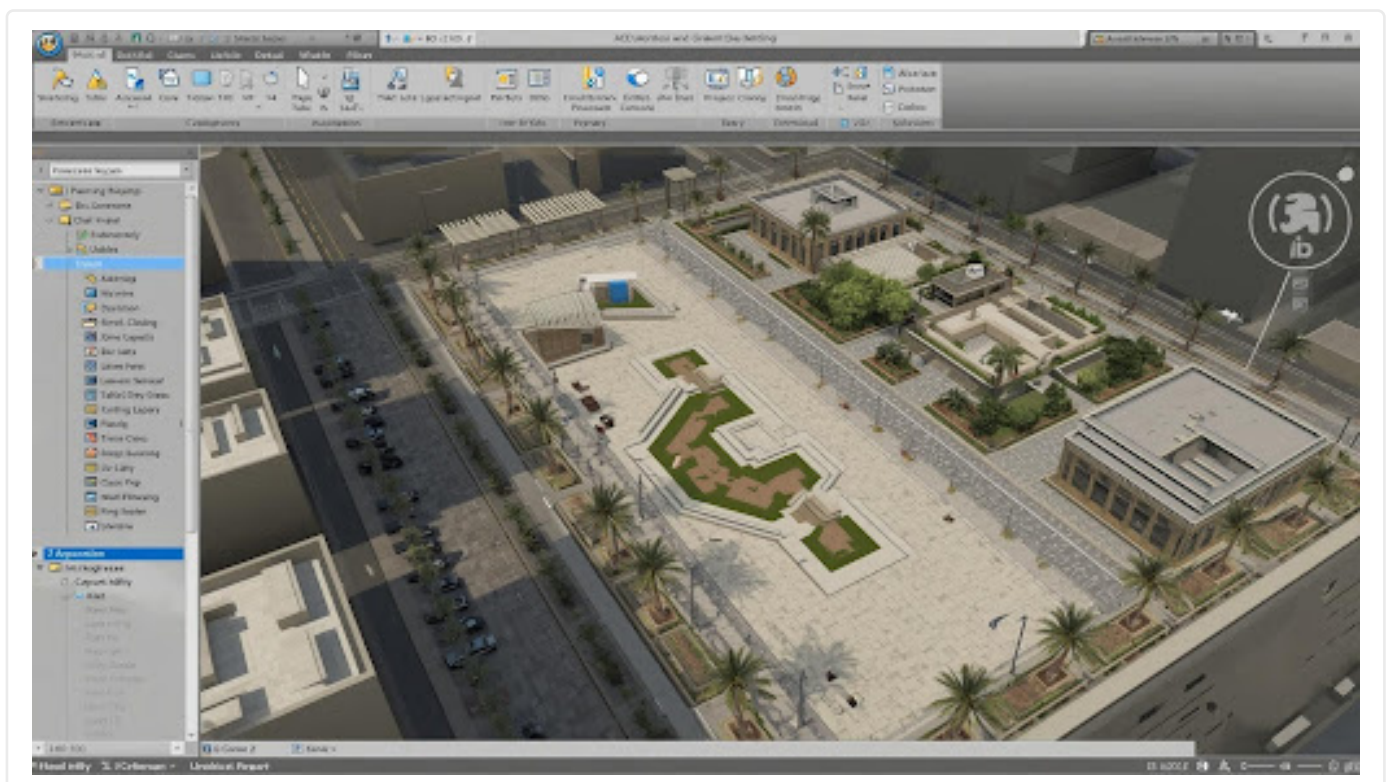
Techture delivered LOD 300 Landscape BIM modeling and documentation for a multi-zone urban development project. The scope involved upgrading schematic-stage models and developing coordinated DD-stage BIM models across landscape, streetscape, and open spaces. Using Autodesk Revit, the team ensured high-volume documentation aligned with project requirements. The outcome supported detailed design development and efficient tender-stage deliverables.

## Scope and Deliverables

- Upgrade existing schematic models with client comments and revisions integration.
- Develop LOD 300 BIM models across 12 zones including landscape & open spaces.
- Coordinate streetscape, landscape, and open space design elements.
- Prepare ~1900 sheets for DD and tender-stage documentation outputs.
- Implement QA/QC checks across all stages before final submission.

## Challenges

- Managing large-scale documentation with high volume of 1900 drawing sheets.
- Coordinating multiple zones with diverse landscape and open space requirements.
- Ensuring consistency with client-provided families and external inputs.



## Techture Approach

- ❏ Updated schematic models with structured revision and comment incorporation.
  - ❏ Developed multi-zone BIM models aligned with DD stage requirements.
  - ❏ Applied strict QA/QC workflows for model and drawing validation.
  - ❏ Delivered coordinated documentation sets for seamless tender submission.
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## Benefits

- ❏ Delivered high-quality BIM models across multiple urban development zones.
- ❏ Improved efficiency with structured QA/QC and coordinated workflows.
- ❏ Streamlined documentation through large-scale sheet production capabilities.
- ❏ Enabled better planning with detailed landscape BIM and documentation outputs.