



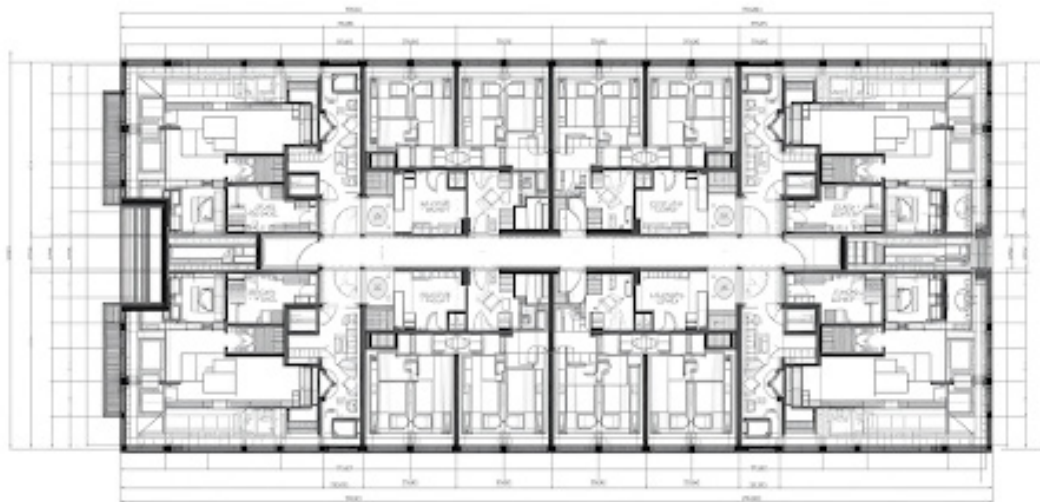
Architectural Documentation & Renovation for a Hospitality Project

(Renovation Design, Documentation & Architectural Drawing Production Services)

CASE STUDY



TECHTURE



Client : Developer

Team Size : 4 No.s (BIM Engineer & BIM Coordinator)

Disciplines : Architecture & Interior Design

Duration : 3 Month

Type : Hospitality

Software : Autodesk Revit

Location : Florida, USA



Project Overview

Techture delivered a three-phase architectural documentation package for a beach-front Hospitality renovation project covering approximately 50,000–60,000 SF. Work progressed from existing conditions documentation through design development to full construction documents, using Revit for modeling and producing 55–65 sheets of architectural drawings across all phases for permit and construction use.

Scope and Deliverables

- Reviewed owner-provided drawings and surveys to develop existing floor plans, exterior elevations, roof plans, and building sections (8–10 sheets), set up per PLACE standards.
- Prepared design development drawings, demolition plans, renovation floor plans, RCPs, and exterior elevations based on client markups and design inputs (15–20 sheets).
- Produced a full construction document package including life safety, wall sections, envelope details, stair drawings, enlarged unit plans, and door/window/cabinet schedules (30–35 sheets).
- Coordinated architectural backgrounds with structural and MEP consultant information, incorporating client redlines, QA/QC comments, and permit review comments throughout.

Challenges

- Working from owner-provided surveys and PDFs of varying completeness to establish an accurate existing-conditions base before design could progress.
- Managing three sequential phases with defined revision limits, one round for existing conditions and two each for DD and CD without scope creep between stages.
- Coordinating architectural drawings with structural and MEP consultant inputs without taking on those disciplines directly.



Techture Approach

- Established the project file structure, sheet setup, title blocks, and layering per PLACE standards before any drawing work began.
- Progressed phase by phase existing conditions first, DD only after client sign-off, and CD built directly on confirmed DD output.
- Flagged missing or unclear information to the client immediately, avoiding assumptions that could cause rework downstream.
- Incorporated consultant information, client redlines, and permit comments directly into the drawings at each phase rather than batching changes at the end.

Benefits

- A clean, standards-compliant existing conditions base reduced ambiguity going into the design development phase.
- Phased delivery with defined revision rounds kept the project on track and scope clearly managed across all three stages.
- 5A single coordinated Revit model produced all 55–65 sheets, ensuring consistency between plans, sections, elevations, and details across the full drawing package.