



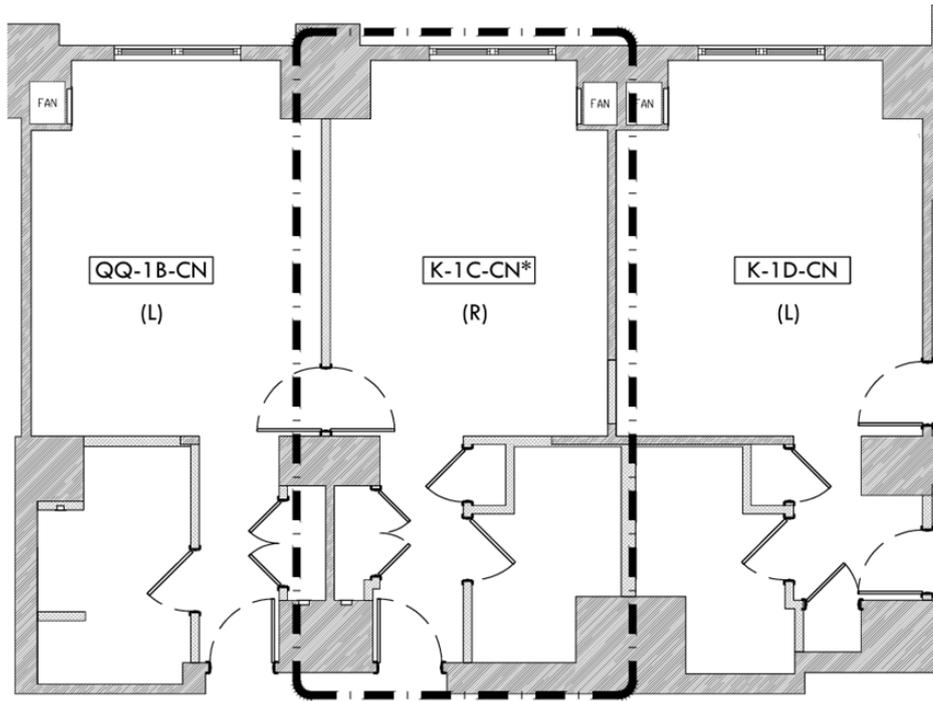
# Large-Scale Interior Architectural 2D Documentation for a Hospitality Hotel Project

(Architectural Documentation & CAD Production Services)

CASE STUDY



TECHTURE



**Client** : Owner

**Team Size** : 6 No.s (BIM Engineer & BIM Coordinator)

**Disciplines** : Architectural

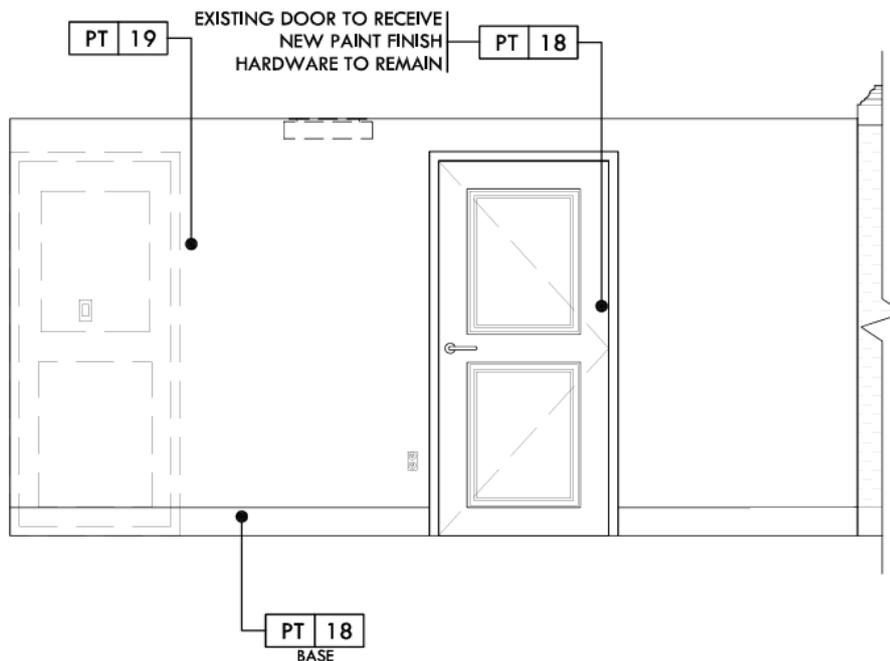
**Duration** : 2 Months

**Scale** : 4,50,000 Sq. Ft.

**Software** : Autodesk AutoCAD

**Type** : Hospitality

**Location** : Florida, USA



## Project Overview

Techture delivered Interior Architectural 2D Documentation for a 4,50,000 sq. ft. hospitality hotel project using Autodesk AutoCAD. The scope involved converting approved base layouts into coordinated, construction-ready interior drawings. Due to the scale and multiple functional zones—including guest rooms, corridors, and public areas—the project required structured CAD management and standardized documentation aligned with client standards.

## Scope & Deliverables

- Development of comprehensive interior architectural 2D documentation based on approved base plans and design references.
- Drafting of multi-zone interior floor plans, reflected layouts, elevations, sections, and enlarged detail drawings.
- Integration of finish legends, material schedules, door/room schedules, and interior specification tables within structured sheet packages.
- Implementation of client-provided AutoCAD templates, layer conventions, title blocks, and annotation standards.
- Sheet indexing, drawing numbering, and documentation organization for large-scale project control.

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## Challenges

- Managing extensive drawing volumes across multiple hotel zones and repeated room typologies.
- Maintaining documentation uniformity while handling design variations across floors and amenities.
- Coordinating finish and material data consistency across hundreds of drawing sheets.
- Ensuring clarity and readability in densely detailed hospitality interiors.

# Techture Approach

- Established a zone-wise drafting strategy to manage guest rooms, public spaces, BOH areas, and service zones systematically.
- Implemented CAD standardization protocols to ensure uniform layering, block usage, and annotation styles across the entire drawing set.
- Developed a structured file management and revision tracking workflow to control documentation updates efficiently.
- Conducted multi-level QA/QC reviews to validate detailing consistency, dimensions, and schedule integration.

## Benefits

- Streamlined documentation for large-scale hospitality execution.
- Improved coordination between interior design intent and construction teams.
- Reduced drafting inconsistencies across repetitive room types.
- Faster contractor interpretation through organized sheet sets.
- Enhanced project control through standardized CAD documentation practices.

