



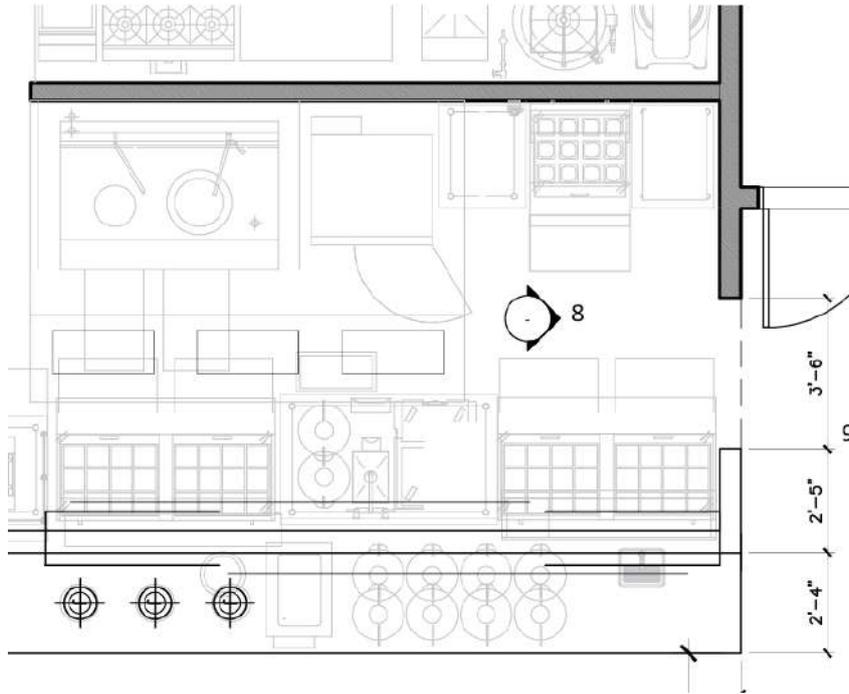
Interior Architectural 2D Documentation for a Hospitality Café Project

(Architectural Documentation & CAD Production Services)

CASE STUDY



TECHTURE



Client : Owner

Team Size : 3 No.s (BIM Engineer & BIM Coordinator)

Disciplines : Architectural

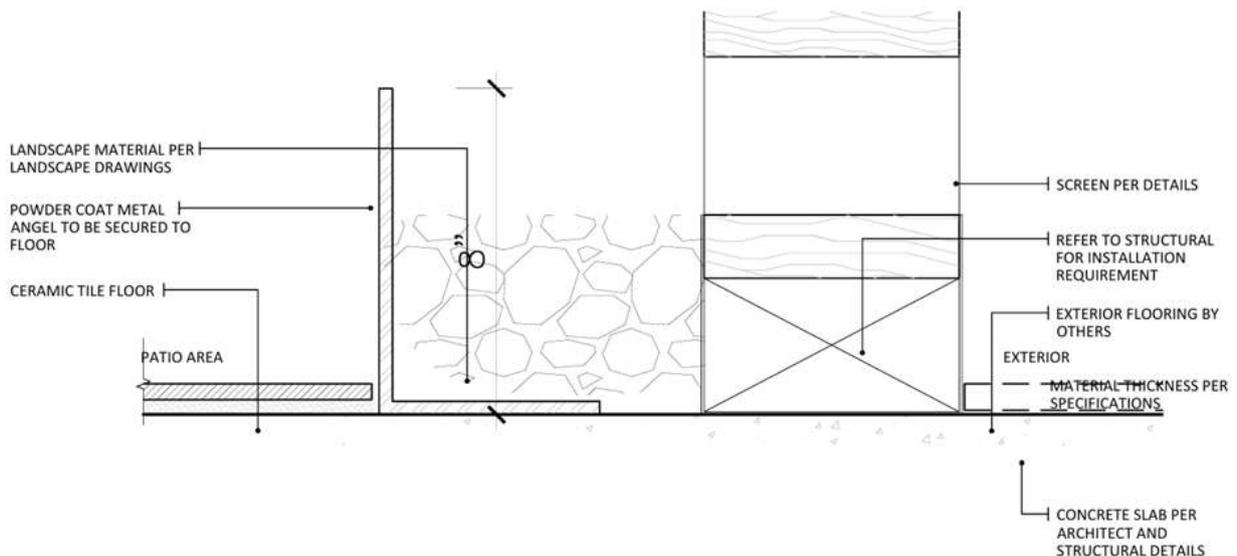
Duration : 1 Months

Scale : 9,900 Sq. Ft.

Software : Autodesk AutoCAD

Type : Hospitality

Location : New Jersey, USA



Project Overview

Techture delivered Interior Architectural 2D Documentation for a 9,900 sq. ft. hospitality café project using Autodesk AutoCAD. The scope focused on converting approved base plans into coordinated, construction-ready interior drawings while maintaining drafting accuracy and client-specific CAD standards. The documentation enabled clear communication between design intent and on-site execution.

Scope & Deliverables

- ❏ Preparation and development of interior architectural 2D drawings based on approved base plans and reference inputs.
- ❏ Drafting of detailed interior floor plans, elevations, sections, and enlarged details following the provided sample drawing set and interior standards.
- ❏ Integration of material schedules, finish schedules, and other interior-related schedules into coordinated sheet layouts.
- ❏ Setup and development of drawings using client-provided AutoCAD templates, maintaining layer standards, title blocks, and documentation protocols.
- ❏ Sheet organization and annotation standardization for construction clarity and consultant coordination.

Challenges

- ❏ Translating design intent into highly detailed, construction-ready 2D documentation.
- ❏ Maintaining strict adherence to client-specific CAD layering, naming, and sheet standards.
- ❏ Coordinating multiple interior elements including finishes, joinery, and detailing within limited drawing sheets.
- ❏ Ensuring documentation accuracy while incorporating ongoing design refinements.

Techture Approach

- Established a structured drafting workflow aligned with the client's CAD template and documentation standards.
- Implemented layer management protocols to maintain consistency and scalability across drawing sheets.
- Integrated schedules directly within sheet sets to ensure clarity between material specifications and graphical representation.
- Conducted internal quality checks to validate dimension accuracy, annotations, and drawing coordination.

Benefits

- Clear, coordinated interior documentation enabling smooth construction execution.
- Standardized drawing sets aligned with client CAD protocols.
- Reduced ambiguity in material and finish interpretation.
- Improved contractor understanding through detailed elevations and sections.
- Streamlined approval process due to organized and consistent documentation.

