ConstructAI

Project Analysis Report

Project: Project1
Project ID: 6e0a97ae-d6f1-4862-8ad9-3147b4734ede
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This report provides a comprehensive analysis of your construction project documentation, including document quality metrics, MEP systems analysis, industry standards compliance, and actionable recommendations for project optimization.

Executive Summary

Metric	Value
Completeness Score	100.0%
Sections Analyzed	30
Clauses Extracted	24
MasterFormat Divisions	7
Industry Standards Found	1

Overall Assessment: Excellent - Documentation is comprehensive and well-structured.

Document Quality Analysis

MasterFormat Coverage

Division	Section Count
Division 00	24
Division 01	1
Division 09	1
Division 11	3
Division 21	1
Division 26	1
Division 33	1

Key Materials Identified

Water Closet, Type K Copper, Concrete, SEER 16, EER 12.5, HVAC System, steel, Urinal, Lavatory, HVAC Equipment, 1.2 GPM, 0.5 GPM, Cement

MEP Systems Analysis

HVAC Systems

Completion: 80%
Equipment: Heat Pump
Standards: ASHRAE 90.1, ASHRAE 62.1, ASHRAE 90.1

Plumbing Systems

Completion: 80%
Fixtures: Water Closet, Lavatory, Urinal
Piping: Type K Copper
Standards: ASTM B88300

Industry Standards & Compliance

The following industry standards were referenced in the project documentation:

• ASTM B88300

Compliance Assessment: Document references appropriate industry standards. Ensure all specifications align with latest code versions.

Critical Requirements

No critical requirements were flagged in this analysis. Standard project requirements apply.

Recommendations

1. [low] standards
Good! Found 1 industry standard references.

2. [low] materials
Good! Identified 13 different materials with specifications.

3. [low] budget
Good! Found 1 cost references throughout the document.