



THE BANNETT GROUP, LTD

Preconstruction AI Tool

Mockup Context Document

1. OVERVIEW

This document defines the functional and UX context for the **Preconstruction AI Tool**, designed for **The Bennett Group, LTD** and presented inside Procore as a **Custom Tool**. It simulates realistic enterprise workflows without requiring backend integration.

2. MODULES INCLUDED

- Landing Dashboard
- AI Estimator (Drawings Parsing Estimate Review)
- Subcontractor Matching
- Zoning & Preconstruction Review
- Procore Sync Layer (Mocked)

3. LANDING DASHBOARD

Features:

- Project Selector
- KPI Tiles

- Activity Feed with modal interactions
- Quick Actions

Behaviors:

- Clicking tiles reveals detail panels
- Feed items open modals
- Search filters all visible content

4. AI ESTIMATOR WORKFLOW

STEP 1 — Drawing Upload

- Drag/drop, sheet detection, page arrangement

STEP 2 — Parsing

- Live-progress simulation
- Parsed categories
- Viewer tools: zoom, pan, layers
- AI confidence and warnings panel

STEP 3 — Draft Estimate

- Editable CSI cost table
- Auto-totaling line items
- Expandable categories

STEP 4 — Human Review

- Approval checklist
- AI suggestions
- Mocked cost-code mapping
- Final approval modal

5. SUBCONTRACTOR MATCHING

STEP 1 — Job Details

STEP 2 — AI Ranking Output

STEP 3 — Reasoning Cards

STEP 4 — Selection + Mock Push

6. ZONING & PRECONSTRUCTION REVIEW

STEP 1 — Upload Documents

STEP 2 — AI Summary & Flags

STEP 3 — Detailed Findings

STEP 4 — Editable Checklist

STEP 5 — Export/Save (Mock)

7. PROCORE SYNC LAYER (MOCK)

- Connection Status
- Field Mapping
- Sync Log Timeline

8. UX REQUIREMENTS

- Fully interactive feel
- Realistic construction data
- No placeholder text
- Use hover, expand/collapse, and loaders

9. PURPOSE OF THIS DOCUMENT

This document provides all necessary structure for generating a high-fidelity mockup that aligns with The Bannett Group 's branding, workflows, and Procore ecosystem.

