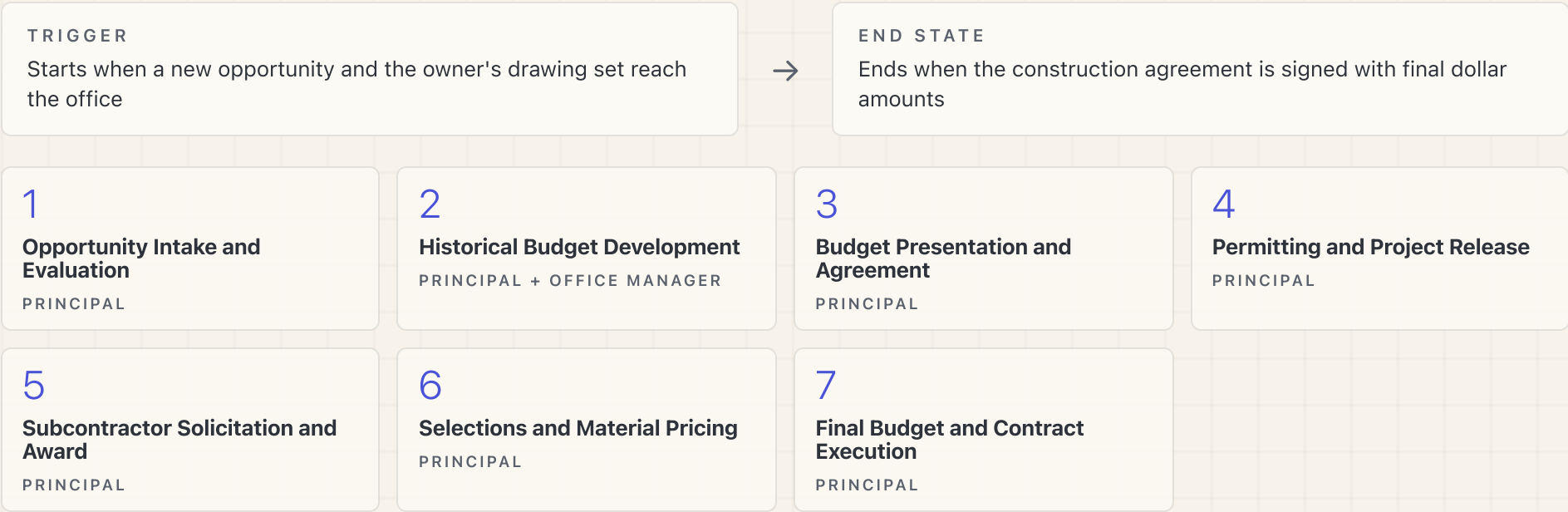


Office Bidding and Pre-Construction Workflow

Starts when a new opportunity and the owner's drawing set reach the office. The office screens the job, builds a budget from past unit costs, and presents one lump-sum price in person. A signed agreement (or a verbal yes from a repeat developer) opens paid pre-construction: permit, sub bids, selections, final budget. Ends when the construction agreement is signed with final dollar amounts.



PROCESS 1.1

Opportunity Intake Process

ROLE	TRIGGER	END STATE
Principal	Starts with a call from a prospect or a repeat developer	Ends when the drawings are in hand and the super knows a job is coming
● 1.1.1 Collect the opportunity details and architectural drawing set from the owner Trigger → Prospect or repeat developer makes contact End → Drawing set received and filed in Google Drive with its development level known Receive inbound opportunity call from prospect or developer Record the drawing set development level for downstream bidding	OPPORTUNITY INTAKE	
● 1.1.2 Notify the superintendent of the incoming opportunity in person Trigger → Opportunity arrives in the office End → Superintendent aware a project is coming	OPPORTUNITY INTAKE	
● 1.1.3 Provide preliminary pricing and value engineering during design Trigger → Repeat developer brings Slate in during architectural design End → Design aligned with the developer's intended budget before formal bidding	BUDGET ESTIMATING	

PROCESS 1.2

Opportunity Evaluation Process

ROLE

Principal

TRIGGER

Starts when the drawing set arrives

END STATE

UNKNOWN — not in source

● 1.2.1 Screen the opportunity against the selection criteria

OPPORTUNITY
SCREENING

Trigger → Drawing set received End → Go or no-go decision made on the opportunity

Review drawings against target project type and geography
Compare the project start date against superintendent capacity
Assess repeat-work potential across the client's property pipeline
Assess developer temperament and relationship durability

+ 1 MORE IN SOP

○ 1.2.2 Document the opportunity evaluation criteria as a scored screen

OPPORTUNITY
SCREENING

GAP Trigger → **UNKNOWN** — no trigger defined; the codified screen does not exist yet End → Written screen that another person can apply to an incoming opportunity

○ 1.2.3 Record the declined opportunity and notify the prospect

OPPORTUNITY
SCREENING

GAP Trigger → **UNKNOWN** — no trigger defined; the decline step is unmapped End → Decline reason recorded against the opportunity and the prospect answered

PROCESS 2.1

Job Workspace Setup Process

ROLE	TRIGGER	END STATE
Principal	Starts with the go decision	Ends when the job has its own budget workbook and project
2.1.1 Duplicate the master budget template for the job Trigger → Opportunity accepted End → Job-specific budget workbook created from the master template		JOB SETUP
2.1.2 Create the job project from the new-construction template Trigger → Opportunity accepted End → Job project created and renamed from the template		JOB SETUP
2.1.3 Capture plan-review questions as tasks in the job project Trigger → Job project created End → Open plan questions captured as tasks		JOB SETUP
2.1.4 Create the client-facing job project for owner and design team access Trigger → Internal job project created End → Client-facing job project created and shared with the owner and design team		JOB SETUP

PROCESS 2.2

Budget Build and Specification Process

ROLE

Principal

TRIGGER

Starts when the job budget workbook exists

END STATE

UNKNOWN — not in source

- 2.2.1 Take off quantities from the drawings by line item BUDGET ESTIMATING
Trigger → Job budget workbook created End → Job quantities established for every priced line item
- 2.2.2 Enter quantities into the bid sheet tab of the master budget BUDGET ESTIMATING
Trigger → Job quantities established End → Budget populated from historical unit costs
- 2.2.3 Apply placeholder unit allowances for unselected finishes BUDGET ESTIMATING
Trigger → Budget populated from historical unit costs End → Every unselected finish carries a placeholder allowance
- 2.2.4 Draft the specification one-pager with inclusions, assumptions, and lump sum BUDGET ESTIMATING
Trigger → Budget populated and allowances applied End → One-pager states coverage and assumptions and carries a single lump-sum price
| Add the lump-sum price to the specification one-pager
- 2.2.5 Add a disclosed contingency line to the budget BUDGET ESTIMATING
GAP Trigger → **UNKNOWN** — no trigger defined; the contingency line does not exist yet End → Budget carries a named contingency line sized against project risk
- 2.2.6 Review the budget with a second reviewer before presenting it BUDGET ESTIMATING
GAP Trigger → **UNKNOWN** — no trigger defined; the review step does not exist yet End → Second reviewer has signed off on quantities, allowances, and assumptions

PROCESS 2.3

Historical Cost Refresh Process

ROLE

Office Manager

TRIGGER

Starts when a project finishes, outside this workflow

END STATE

Ends when the masters reflect the finished job

- 2.3.1 Update master budget line items where cost variation was observed

COST MAINTENANCE

Trigger → A project completes End → **UNKNOWN** — source does not define what counts as variation or when the refresh is complete

- 2.3.2 Define the trigger and cadence for the historical cost refresh

COST MAINTENANCE

GAP Trigger → **UNKNOWN** — no trigger defined; the refresh rule does not exist yet End → Written refresh rule naming the triggering event and the variance threshold

3

Budget Presentation and Agreement

PRINCIPAL

PROCESS 3.1

Budget Presentation and Agreement Process

ROLE

Principal

TRIGGER

UNKNOWN — not in source

END STATE

Ends when the agreement is signed and paid, or a repeat developer commits verbally

● 3.1.1 Present the budget one-pager to the owner in person

CLIENT PRESENTATION

Trigger → One-pager ready to send End → Owner has the lump-sum figure and has confirmed it is workable or named the gap

- Schedule the in-person budget meeting with the owner
- Walk the project considerations and milestones with the owner
- Present the lump-sum budget figure to the owner
- Confirm the figure against the owner's expected budget

● 3.1.2 Send the unpriced construction agreement to the owner for legal review

CONTRACT
ADMINISTRATION

Trigger → Owner confirms the figure is workable End → Unpriced construction agreement in the owner's hands for legal review

● 3.1.3 Send the pre-construction agreement to the owner for signature

CONTRACT
ADMINISTRATION

Trigger → Owner confirms the figure is workable End → Pre-construction agreement signed and returned, or waived for a repeat developer

● 3.1.4 Invoice the pre-construction fee and email it to the owner

CONTRACT
ADMINISTRATION

Trigger → Pre-construction agreement issued End → Pre-construction fee invoiced and paid

○ 3.1.5 Record the owner's authorization to spend subcontractor time

CONTRACT
ADMINISTRATION**GAP** Trigger → **UNKNOWN** — no trigger defined; the authorization record does not exist yet End → Authorization to spend subcontractor time recorded on the job, by agreement or by logged verbal commitment

PROCESS 3.1

Budget Presentation and Agreement Process (continued)

ROLE

Principal

TRIGGER

UNKNOWN — not in source

END STATE

Ends when the agreement is signed and paid, or a repeat developer commits verbally

○ 3.1.6 Confirm allowances with the owner in a signed allowance schedule

CONTRACT
ADMINISTRATION

GAP Trigger → UNKNOWN — no trigger defined; the allowance schedule does not exist yet End → Owner-signed allowance schedule listing every allowance category, amount, and selection deadline

PROCESS 4.1

Permit Submission Process

ROLE

Principal

TRIGGER

Starts with the signed agreement, once the plans are far enough along

END STATE

Ends when the permit is approved, though dirt may move when approval is about a week out

● 4.1.1 Submit the plan set to the city for review

PERMIT COORDINATION

Trigger → Pre-construction agreement signed End → Plans submitted and under city review with fees paid and carried for reimbursement

| Pay the city plan review fees and add them to the construction budget

● 4.1.2 Route city review comments to the architect for drawing updates

PERMIT COORDINATION

Trigger → City returns review comments End → Architect has the comments and issues updated drawings

○ 4.1.3 Track the city plan review cycle to approval

PERMIT COORDINATION

GAP Trigger → Plans submitted and under city review End → Permit status visible and tracked to approval

PROCESS 4.2

Drawing Refinement Process

ROLE

Principal

TRIGGER

Starts with the signed agreement when the budget was priced off a design set

END STATE

Ends when the drawing basis for sub pricing is settled

- 4.2.1 Require a permit or bid set from the owner before soliciting subs

DRAWING COORDINATION

Trigger → Pre-construction agreement signed on a design development set End → Refined permit or bid set received from the owner

- 4.2.2 Substitute detailed scopes of work for the refined drawing set

DRAWING COORDINATION

Trigger → Schedule pressure makes waiting for the refined set unacceptable End → Scopes carry the detail the drawings omit and solicitation can proceed

- 4.2.3 Track the refined drawing set request to receipt

DRAWING COORDINATION

GAP Trigger → Refined drawing set requested from the owner End → Outstanding drawing request visible with an expected date

PROCESS 4.3

Field Release Process

ROLE

Principal

TRIGGER

Starts when plans go to the city

END STATE

Ends when the super starts the schedule

- 4.3.1 Authorize the start of pre-construction work FIELD RELEASE
Trigger → Plans submitted to the city End → Superintendent has authorization to start on the job
- 4.3.2 Release the budget and plan set for schedule build-out FIELD RELEASE
Trigger → Superintendent has authorization to start End → Superintendent holds the budget and plans and has started the schedule
- 4.3.3 Define the office-to-field handoff artifact and acceptance criteria FIELD RELEASE
GAP Trigger → UNKNOWN — no trigger defined; the handoff artifact does not exist yet End → Written release listing plan set, budget, permit status, and what the field owns

PROCESS 5.1

Scope of Work Preparation Process

ROLE	TRIGGER	END STATE
Principal	Starts when the drawing basis is settled	Ends when every trade that needs a scope has one and the roster is set
5.1.1 Select the trades that require a formal scope of work	SCOPE DEFINITION	
Trigger → Drawing basis for pricing settled End → List of trades requiring a formal scope of work set for the job		
5.1.2 Adapt the master scope of work per trade	SCOPE DEFINITION	
Trigger → Trades requiring a formal scope identified End → Trade-specific scope of work drafted for each selected trade		
5.1.3 Update the bid tracking sheet with the job's subcontractor roster	SCOPE DEFINITION	
Trigger → Trade scopes drafted End → Job subcontractor roster set on the bid tracking sheet		

PROCESS 5.2

Bid Solicitation Process

ROLE	TRIGGER	END STATE
Principal	Starts when scopes are done	Ends when every solicited scope has a price back
● 5.2.1 Email the scope of work and plan set to each selected subcontractor Trigger → Trade scopes drafted and roster set End → Every selected subcontractor has the scope, the plans, and a bid due date		
● 5.2.2 Track bid request status per subcontractor on the bid tracking sheet Trigger → Bid requests sent End → Every solicited scope shows a current status on the tracking sheet		
● 5.2.3 Solicit competing bids on high-variance scopes Trigger → Friction with an incumbent trade or a decision to trial a new contractor End → Two or three prices in hand for the contested scope		

PROCESS 5.3

Bid Award Process

ROLE	TRIGGER	END STATE
Principal	Starts when sub prices come back by email	Ends when awarded subs have signed their scopes
● 5.3.1 Compare returned bids and alternates for the same scope		BID MANAGEMENT
Trigger → Subcontractor prices returned End → Awarded contractor chosen for each contested scope		
● 5.3.2 Complete the scope of work and send it to the awarded subcontractor for signature		BID MANAGEMENT
Trigger → Awarded contractor chosen End → Signed scope of work on file for the awarded contractor		
● 5.3.3 Collect a signed master subcontractor agreement from new subcontractors		BID MANAGEMENT
Trigger → A contractor new to Slate is awarded a scope End → Master subcontractor agreement signed and filed in Google Drive		
○ 5.3.4 Level returned bids for scope inclusions and exclusions		BID MANAGEMENT
GAP Trigger → UNKNOWN — no trigger defined; the leveling step does not exist yet End → Every returned bid normalized to the same inclusion list with scope gaps assigned		
○ 5.3.5 Verify subcontractor insurance and license currency before award		BID MANAGEMENT
GAP Trigger → UNKNOWN — no trigger defined; the verification step does not exist yet End → Current insurance certificate and license on file for every awarded subcontractor		

PROCESS 6.1

Owner Selections Process

ROLE	TRIGGER	END STATE
Principal	Starts with unselected finishes after the budget meeting	Ends when real pricing for every pick is in the final budget
6.1.1 Route the owner to supplier showrooms for unselected finishes Trigger → Finishes remain unselected after the budget meeting End → Owner has made their selections at the supplier		
		SELECTIONS COORDINATION
6.1.2 Send actual quantities to the supplier for a re-quote Trigger → Owner has made their selections End → Supplier has actual quantities and is re-quoting Receive the supplier selection sheet priced at quantity one		
		SELECTIONS COORDINATION
6.1.3 Enter the re-quoted supplier pricing into the final budget Trigger → Supplier returns the re-quote End → Placeholder allowance replaced with real supplier pricing		
		SELECTIONS COORDINATION

PROCESS 6.2

Material Takeoff Process

ROLE	TRIGGER	END STATE
Principal	Starts when scopes go out	Ends when Slate-supplied quantities are priced for the final budget
6.2.1 Perform refined takeoffs on Slate-supplied materials Trigger → Scopes of work sent to subcontractors End → Slate-supplied material quantities established and priced for the job		
		MATERIAL ESTIMATING
6.2.2 Divide the material takeoffs by available office capacity Trigger → Material takeoffs required and office capacity available End → Takeoff work divided and assigned		
		MATERIAL ESTIMATING

PROCESS 7.1

Final Budget Assembly Process

ROLE	TRIGGER	END STATE
Principal	Starts when all sub bids, supplier quotes, and priced takeoffs are back	Ends when the owner accepts the number; how that happens is unknown (see 7)
7.1.1 Consolidate returned sub bids and supplier quotes into the final budget	BUDGET ESTIMATING	
Trigger → All subcontractor bids and supplier quotes returned End → Final budget reflects real prices for every line item and the gap against the owner's ceiling is quantified		
Compare the final budget against the owner's budget ceiling		
7.1.2 Reduce cost by revising selections before pressing subcontractors	BUDGET ESTIMATING	
Trigger → Final budget exceeds the owner's ceiling End → Final budget brought within the owner's ceiling		
7.1.3 Present the final budget to the owner for acceptance	BUDGET ESTIMATING	
Trigger → Final budget brought within the owner's ceiling End → Owner has accepted the final budget and the acceptance is recorded		

PROCESS 7.2

Contract Execution Process

ROLE

Principal

TRIGGER

Starts when the owner accepts the final budget

END STATE

Ends when the owner signs

- 7.2.1 Fill the final dollar amounts into the construction agreement

Trigger → Final budget accepted by the owner End → Construction agreement carries the final contract amounts

CONTRACT
ADMINISTRATION

- 7.2.2 Obtain the owner's signature on the construction agreement

Trigger → Construction agreement carries the final contract amounts End → Construction agreement executed by the owner

CONTRACT
ADMINISTRATION

- 7.2.3 Track the construction agreement to execution

- GA Trigger → Construction agreement issued for legal review End → Contract status visible from issue through execution

CONTRACT
ADMINISTRATION

Notes & Assumptions

NOTES & ASSUMPTIONS

Sources and confidence

- Main source: the 2026-07-21 office and bidding session (OFF-F1 to OFF-F78). High confidence.
- Business context: the 2026-05-19 discovery conversation (DISC-F6, F7, F11, F12, F14, F15).
- Tool changes: the 2026-08-11 tech-stack session (STACK-F5 to F31). JobTread and Quo were confirmed by Patrick on 2026-08-25.
- Field-side evidence: Tom Kirk, 2026-08-05 (TOM-F4 to F8, F11, F12, F48) and Connor Fields, 2026-08-06 (CON-F2 to F8).
- Transcripts garble product names. Clean names are used: Asana, Instagantt, JobTread, Quo, Adaptive, Granola, ConX under Houzz, Buildertrend, OG&E.
- 41 active where the work happens today, 14 gap where a step should exist and does not.

Why the reduction is below the typical band

Some work in this map also appears in other maps.

OPERATOR QUESTIONS

1. **Phase 7:** Is the signed construction agreement the single end of this workflow?
2. [P1-P7] Do we split this at the pre-construction agreement, with Phases 1 to 3 as unpaid bidding and 4 to 7 as paid pre-construction?
3. [P2, P5] Who owns the budget, scopes, bid requests, and the schedule, and when does a super step in?
4. **Phase 2:** Should the cost refresh run at project close on every line that missed the estimate by more than a set percentage?
5. **Phase 3:** On repeat-developer jobs, is the owner's verbal yes at the budget meeting the go-ahead to spend sub time?
6. **Phase 3:** Is there a set path when the presented number is far above the owner's ceiling?
7. **Phase 4:** Should the office own permit tracking as a status field on the job?
8. **Phase 4:** Is it true that the office chases the refined drawing set and the wait has no limit today?
9. **Phase 4:** Should the field release become a written list (plans, budget, permit status, what the field owns) that the super confirms in writing with a schedule due date?
10. **Phase 5:** Is price variance the whole rule for which trades get a formal scope?
11. **Phase 6:** Is the split that the office manager takes repeatable takeoffs and the principal keeps the judgment-heavy ones?
12. [P2, P3] Should QuickBooks be added as the accounting system behind Adaptive?
13. **Phase 1:** Should writing down the opportunity screen stay out of scope for now?
14. **Phase 2:** Is the spec one-pager a template today?
15. **Phase 1:** Should the super-capacity check be its own activity instead of a line inside the screen?
16. **Phase 1:** Should design-phase pricing be mapped as its own process at the front of Phase 1?

Notes & Assumptions (continued)

NOTES & ASSUMPTIONS

Old-to-new activity map

DRAFT	FINAL	NOTE
1.1.1 to 1.1.3; 1.1.4	1.1.1; 1.1.2	M1
1.2.1 to 1.2.5; 1.2.6	1.2.1; 1.2.2	M2
2.3.1, 2.3.2; 2.4.x	2.2.4; 2.3.x	M3, process merge and renumber
3.1.1 to 3.1.4; 3.2.1 to 3.2.3	3.1.1; 3.1.2 to 3.1.4	M4, process merge and renumber
4.1.1, 4.1.2; 4.1.3, 4.1.4	4.1.1; 4.1.2, 4.1.3	M5
6.1.2, 6.1.3; 6.1.4	6.1.2; 6.1.3	M6
7.1.1, 7.1.2; 7.1.3	7.1.1; 7.1.2	M7
(new)	1.1.3, 1.2.3, 2.1.4, 2.2.5, 2.2.6, 3.1.5, 3.1.6, 5.3.4, 5.3.5, 7.1.3	Added; all other numbers unchanged

Structure notes

- **One owner.** Almost everything is done by the Principal. Phase breaks mark real gates, not changes of hands.
- **Where work changes hands:** Owner (Phases 3 and 4), subs and suppliers (5 and 6), Office Manager (6.2), super (4.3).
- **The super's workflow starts in Phase 4** and runs alongside Phases 5 to 7.
- **Phase 3 has one process.** It stays a phase because it holds the money line.
- **Phases 1 to 3 are unpaid; 4 to 7 are paid.** See question 2.
- **One bid sheet.** The Phase 2 budget and the Phase 7 final budget are the same tab at two points in time.
- **Phase 6 runs alongside Phase 5.** Ops map is sequential, so they are listed in order.
- **Shared processes:** 2.1, 2.3, 4.3, 5.2, 6.2, 7.2 (rows 1 to 6 in `\_\_process-registry.md`). Unhappy paths are thin; see questions 6 to 8.

OPERATOR QUESTIONS

- 17. **Phase 7:** Does a final budget review with the owner happen before the contract amounts are filled in?
- 18. [P6, P7] Does whoever runs a takeoff also price it and enter it into the final budget?
- 19. **Phase 1:** Is a declined opportunity recorded anywhere today?
- 20. [P2, P3] Should allowances become a signed exhibit with amounts by category and a selection deadline?
- 21. **Phase 2:** Should the budget carry a visible contingency line?
- 22. **Phase 2:** Should a second person, likely the office manager, review the budget before it is presented?
- 23. **Phase 5:** Do returned bids get checked against each other for scope gaps today?
- 24. **Phase 5:** Is sub insurance and license re-verified on each job today?

Notes & Assumptions (continued)

NOTES & ASSUMPTIONS

Assumptions to verify

- **Role names.** `Principal` is the business owner. `Owner` is the client. Superintendent maps to Site Supervision. Confirmed once, in the Field Execution map (question 4).
- **The office manager is a single point of failure on cost data.** One person keeps the unit costs every budget is built from.
- **Acceptance is mostly undefined.** Nobody has said how the owner accepts the one-pager, what opens paid work for repeat developers, or how the super confirms the field release.
- **Budget ownership.** Budget and scope ownership is unclear. Patrick says he does nearly all of it. Tom says he did it on one live job. See question 3.
- **Sub-functions are tentative.** Fourteen across 55 activities; largest are Budget Estimating (10), Contract Administration (8), Bid Management (8).
- **Estimating volume.** About five bids a year against seven to eight jobs finished, so some repeat jobs may skip full bidding. Unresolved.

Rule deviations

[Rule deviation] Twelve activity titles name the person receiving something (1.1.2, 2.1.4, 3.1.2, 3.1.3, 3.1.4, 3.1.6, 4.1.2, 4.2.1, 5.3.2, 6.1.1, 7.1.3, 7.2.2). Eleven name an outside party; 1.1.2 names the super. Accepted, following the Paxus maps.

[Rule deviation] Phase breaks mark gates, not changes of hands, because one role does nearly everything. Accepted.

[Rule deviation] The release to the super is written in Phase 4 (the sending side) because the receiving side lives in another map. Accepted.

Notes & Assumptions (continued)

NOTES & ASSUMPTIONS

Tool transitions

TOOL IN THIS WORKFLOW	WHERE IT APPEARS	DECIDED TARGET	STATUS
Asana	Job project, tasks, schedule template (2.1.2, 2.1.3, 4.3.2)	JobTread	Decided. Running jobs finish in Asana
Instagantt	Schedule editing (4.3.2)	JobTread Gantt	Decided. Retires with Asana
Excel and Google Sheets	Master budget, bid tracking, sub database (2.1.1, 2.2.2, 2.3.1, 5.1.3, 5.2.2, 6.1.3, 7.1.1)	JobTread	Decided for most sheets; master budget open
Personal cell	Calls and texts (1.1.1, Phases 5 and 6)	Quo	Decided. Number porting undecided
In-person conversation	Super notification and field release (1.1.2, 4.3.1)	Slack, channel per job	Proposed, after JobTread and Quo
Gmail and Google Drive	Drawings, bids, quotes, agreements (throughout)	Staying	No replacement
Adaptive	Fee invoicing, city fees (3.1.4, 4.1.1)	Staying	Untouched
ConX under Houzz	Takeoffs (2.2.1, 6.2.1)	No decision	Stays by default. One super prefers Bluebeam

Granola is available but no meeting here is recorded today. JobTread selections is the target for 6.1.1.

Quality checklist

- [x] No personal names in map fields; titles end in "Workflow" and "Process"; activities start with a verb
- [x] 7 phases, 16 processes, 2 to 6 activities each
- [x] Every process has an owner, trigger, and end state; decision points show branches
- [x] Unknowns are flagged, not filled in