

Concrete Columns and Walls Construction ITP Template

Reusable editable baseline for cast-in-place reinforced concrete building columns and structural walls. Covers interface/starter verification, reinforcement and embeds, formwork/alignment, pre-pour review, supply and specified tests, vertical placement/consolidation, joints, curing/stripping, geometry, defects and records. Excludes precast, slipform/jumpform specialist design, post-tensioning, retaining/tank walls, shotcrete and architectural exposed-concrete mockups unless project-specific scope is added. No formwork engineering, concrete lift limits, tolerances, strength criteria, stripping time or release authority is supplied.

Project	[Enter project / state / parties]
Package	concrete-columns-walls
Document / revision	[Enter controlled number and revision]
Issue purpose	For review - proposed editable baseline
Boundary	Complete against project documents; remove out-of-scope activities.

Read before use

- This is a reusable proposed baseline, not an approved project plan or completed inspection record.
- Enter actual acceptance criteria, source revisions/locators, lot basis, frequency, roles and contractual control points from the project. No numeric limit, test result, qualification, signature or client release has been supplied.
- Confirm scope and remove or mark conditional rows that do not apply. Resolve missing or conflicting decisions with the assigned project authority.
- Complete the matching blank Record Prompts only when actual work occurs; retain source certificates and original specialist reports.

Project inputs to resolve

Element / pour / lot: [Enter project source / decision] Identify the physical element, drawing grid/level, pour sequence and lot boundary.

Approved drawings and revisions: [Enter project source / decision] List current structural drawings, details, schedules and approved design changes relevant to this element.

Project specification and adopted standards: [Enter project source / decision] Enter exact contract clauses, adopted standards/editions and project criteria; do not infer adoption from a published edition.

Approved concrete mix and supplier submission: [Enter project source / decision] Identify approved mix, supplier, delivery requirements and any project-authorised adjustments.

Project test plan and acceptance: [Enter project source / decision] Identify specified test methods, sample/lot coverage, acceptance and designated tester/reviewer from controlled project documents.

Performing, reviewing and release roles: [Enter project source / decision] Identify actual contractor, verifier/designer, notice duties, contractual Hold/Witness points and release authority.

Project evidence and closeout requirements: [Enter project source / decision] Identify required pour records, test reports, survey, defect disposition and handover register.

Column / wall schedule and pour boundaries: [Enter project source / decision] Identify element IDs, grids, storeys/lifts, pour limits and wall/column interfaces.

Formwork and temporary-works design/release: [Enter project source / decision] Identify approved formwork design, ties, bracing, pour method, monitoring and assigned release roles.

Construction-joint and surface requirements: [Enter project source / decision] Identify approved joint locations/treatment, finish class, openings, embeds and surface-repair procedure.

Stripping / loading release requirements: [Enter project source / decision] Identify design- or project-controlled criteria, authorization and dependent-work release; no value is presumed.

Inspection and Test Plan

Proposed baseline. Replace prompts with controlled project criteria and references before project review.

CWL-01 • Element scope and pour-lift register

Inspection / test	Confirm each column/wall element, grid, level, pour height/sequence, drawings and interface boundaries are defined.
Method	Reconcile element schedule, structural drawings, slab/footing starters, floor penetrations, wall openings and pour plan; identify adjacent trade and design interfaces.
Acceptance condition	For [Enter Element / pour / lot], IDs and limits agree with [Enter Column / wall schedule and pour boundaries] and current [Enter Approved drawings and revisions]; unresolved geometry, sequence or interface conflicts stay open.
Reference / locator	Topic guidance only; see Source Register. Enter the actual project document, revision and locator.
Trigger / frequency	Proposed: Before reinforcement/formwork and whenever the approved sequence or drawings change.
Responsibility	Proposed: [Enter Person/role performing this check] performs and records; [Enter Person/role reviewing this check] reviews only where assigned by project documents.
Point / external party	TBC; Proposed: [Enter project-assigned reviewing / release authority]
Notice / release	Proposed: Confirm project notice recipient, evidence, timing and release authority; no external control point is assigned.
Record	Column and wall element / lift register
Applicability / remarks	Proposed baseline. Confirm applicability and replace with controlled project requirement.

CWL-02 · Starter bars, couplers and construction joint

Inspection / test	Check the element interface with the prior pour: starter/coupler identity, exposed reinforcement, approved joint location and preparation requirements.
Method	Trace bars/couplers and joint detail to approved drawings; record surface preparation evidence and unresolved damage or contamination before closing forms.
Acceptance condition	Interface matches [Enter Approved drawings and revisions] and [Enter Construction-joint and surface requirements]; coupler requirements, joint preparation and any repair are evidenced by approved documents and assigned disposition.
Reference / locator	Topic guidance only; see Source Register. Enter the actual project document, revision and locator.
Trigger / frequency	Proposed: Before closing the next pour formwork or concealing the connection.
Responsibility	Proposed: [Enter Person/role performing this check] performs and records; [Enter Person/role reviewing this check] reviews only where assigned by project documents.
Point / external party	TBC; Proposed: [Enter project-assigned reviewing / release authority]
Notice / release	Proposed: Confirm project notice recipient, evidence, timing and release authority; no external control point is assigned.
Record	Vertical element interface and joint record
Applicability / remarks	Proposed baseline. Confirm applicability and replace with controlled project requirement.

CWL-03 · Reinforcement cage, confinement and cover

Inspection / test	Check bar marks, cage arrangement, ties/fitments, laps/couplers, spacers, specified cover and congestion around openings and embeds.
Method	Compare actual cage configuration with current schedules/details; record measured checks by method and locations; coordinate penetrations and cast-ins before form closure.
Acceptance condition	Cage and specified cover conform to [Enter Approved drawings and revisions] and [Enter Project specification and adopted standards] at documented check points; no dimensions, spacing or cover values are supplied by the baseline.
Reference / locator	Topic guidance only; see Source Register. Enter the actual project document, revision and locator.
Trigger / frequency	Proposed: Before form closure for each defined element / pour, with project coverage specified.
Responsibility	Proposed: [Enter Person/role performing this check] performs and records; [Enter Person/role reviewing this check] reviews only where assigned by project documents.
Point / external party	TBC; Proposed: [Enter project-assigned reviewing / release authority]
Notice / release	Proposed: Confirm project notice recipient, evidence, timing and release authority; no external control point is assigned.
Record	Column and wall reinforcement inspection
Applicability / remarks	Proposed baseline. Confirm applicability and replace with controlled project requirement.

CWL-04 • Embedded items, openings and service coordination

Inspection / test	Verify cast-in plates, anchors, sleeves, conduits, waterstops, blockouts and openings required by approved coordinated drawings.
Method	Check identifiers, locations and orientation against structural and coordinated services drawings; trace any late change to written design approval.
Acceptance condition	Cast-in items and openings match approved [Enter Approved drawings and revisions]; conflicts or undocumented penetrations remain open for design resolution before pour.
Reference / locator	Topic guidance only; see Source Register. Enter the actual project document, revision and locator.
Trigger / frequency	Proposed: Before form closure and after any agreed coordination change.
Responsibility	Proposed: [Enter Person/role performing this check] performs and records; [Enter Person/role reviewing this check] reviews only where assigned by project documents.
Point / external party	TBC; Proposed: [Enter project-assigned reviewing / release authority]
Notice / release	Proposed: Confirm project notice recipient, evidence, timing and release authority; no external control point is assigned.
Record	Vertical element cast-in and opening register
Applicability / remarks	Proposed baseline. Confirm applicability and replace with controlled project requirement.

CWL-05 · Formwork geometry and temporary works readiness

Inspection / test	Record dimensions, plumb/alignment, joint sealing, cleanout/access, ties and the approved formwork/falsework release for the planned pour.
Method	Inspect accessible formwork and compare measurements, bracing/tie arrangement and pour method to approved design and erection documents; do not independently design or certify formwork.
Acceptance condition	Formwork and planned placement meet [Enter Formwork and temporary-works design/release] and [Enter Approved drawings and revisions]; design adequacy and release are attributed to the assigned competent authority.
Reference / locator	Topic guidance only; see Source Register. Enter the actual project document, revision and locator.
Trigger / frequency	Proposed: Before pour for each element or approved formwork system lot; recheck after changes or disturbance.
Responsibility	Proposed: [Enter Person/role performing this check] performs and records; [Enter Person/role reviewing this check] reviews only where assigned by project documents.
Point / external party	TBC; Proposed: [Enter project-assigned reviewing / release authority]
Notice / release	Proposed: Confirm project notice recipient, evidence, timing and release authority; no external control point is assigned.
Record	Column and wall formwork inspection
Applicability / remarks	Proposed baseline. Confirm applicability and replace with controlled project requirement.

CWL-06 · Pre-pour review and notice / release

Inspection / test	Document final access, cage, joints, embeds, formwork, delivery/test arrangements and actual pre-pour decisions.
Method	Walk the defined element and compare records to the current ITP, pour sequence and project notices; record each party and authority separately.
Acceptance condition	Pre-pour status for [Enter Element / pour / lot] is traceable to [Enter Project test plan and acceptance], [Enter Formwork and temporary-works design/release] and assigned [Enter Notice and release authority]; a contractor check does not imply a third-party hold release.
Reference / locator	Topic guidance only; see Source Register. Enter the actual project document, revision and locator.
Trigger / frequency	Proposed: Each defined element / pour before discharge, subject to project notice and coverage.
Responsibility	Proposed: [Enter Person/role performing this check] performs and records; [Enter Person/role reviewing this check] reviews only where assigned by project documents.
Point / external party	TBC; Proposed: [Enter project-assigned reviewing / release authority]
Notice / release	Proposed: Confirm project notice recipient, evidence, timing and release authority; no external control point is assigned.
Record	Column and wall pre-pour release register
Applicability / remarks	Proposed baseline. Confirm applicability and replace with controlled project requirement.

CWL-07 • Concrete delivery and specified fresh tests

Inspection / test	Confirm delivered mix identity and perform only specified fresh testing/sampling with batch-to-element traceability.
Method	Review dockets and approved mix; record any authorized adjustment; link sample, location, test method, result, tester and lab reference to the actual element/pour.
Acceptance condition	Delivery and tests meet [Enter Approved concrete mix and supplier submission] and [Enter Project test plan and acceptance]; no slump, temperature, sampling rate, strength or rejection value is implied.
Reference / locator	Topic guidance only; see Source Register. Enter the actual project document, revision and locator.
Trigger / frequency	Proposed: For project-defined deliveries and test samples; use project lot/frequency rules.
Responsibility	Proposed: [Enter Person/role performing this check] performs and records; [Enter Person/role reviewing this check] reviews only where assigned by project documents.
Point / external party	TBC; Proposed: [Enter project-assigned reviewing / release authority]
Notice / release	Proposed: Confirm project notice recipient, evidence, timing and release authority; no external control point is assigned.
Record	Vertical element delivery and fresh test register
Applicability / remarks	Proposed baseline. Confirm applicability and replace with controlled project requirement.

CWL-08 · Vertical placement, lift sequence and consolidation

Inspection / test	Observe concrete discharge, vertical placement sequence, flow around cage/openings and consolidation against the approved pour method.
Method	Record time and element zones; compare equipment and planned lifts to controlled method; note interruptions, leakage, segregation, cage movement or access constraints.
Acceptance condition	Placement follows [Enter Project specification and adopted standards] and [Enter Formwork and temporary-works design/release]; actual lift limits and rates come from approved project/design documents and are not supplied here.
Reference / locator	Topic guidance only; see Source Register. Enter the actual project document, revision and locator.
Trigger / frequency	Proposed: During placement of each element using project-defined observation intervals / coverage.
Responsibility	Proposed: [Enter Person/role performing this check] performs and records; [Enter Person/role reviewing this check] reviews only where assigned by project documents.
Point / external party	TBC; Proposed: [Enter project-assigned reviewing / release authority]
Notice / release	Proposed: Confirm project notice recipient, evidence, timing and release authority; no external control point is assigned.
Record	Column and wall placement log
Applicability / remarks	Proposed baseline. Confirm applicability and replace with controlled project requirement.

CWL-09 · Construction joints and continuation between lifts

Inspection / test	Record planned or actual construction joints, interruptions, surface condition and approved continuation method between pours/lifts.
Method	Map joint location and time to element record; compare preparation and interface system with approved structural detail and method; refer unplanned joints.
Acceptance condition	Joint location, preparation and continuation comply with [Enter Construction-joint and surface requirements] and written project/design disposition; no default joint location or acceptance is given.
Reference / locator	Topic guidance only; see Source Register. Enter the actual project document, revision and locator.
Trigger / frequency	Proposed: Each planned joint and any interruption before the next pour proceeds.
Responsibility	Proposed: [Enter Person/role performing this check] performs and records; [Enter Person/role reviewing this check] reviews only where assigned by project documents.
Point / external party	TBC; Proposed: [Enter project-assigned reviewing / release authority]
Notice / release	Proposed: Confirm project notice recipient, evidence, timing and release authority; no external control point is assigned.
Record	Vertical element construction joint register
Applicability / remarks	Proposed baseline. Confirm applicability and replace with controlled project requirement.

CWL-10 · Curing, stripping and geometry / defect closeout

Inspection / test	Track specified curing and protect elements; record authorized stripping, survey/alignment, visible defects, repairs and downstream release.
Method	Compare actual curing and strip timing to approved project instructions; survey finished geometry with specified method; map defects and link engineer-approved repair/recheck evidence.
Acceptance condition	Curing, removal/loading and measured geometry follow [Enter Project specification and adopted standards] and [Enter Formwork and temporary-works design/release]; no stripping time, tolerance, repair method or release is presumed; compile [Enter Project evidence and closeout requirements].
Reference / locator	Topic guidance only; see Source Register. Enter the actual project document, revision and locator.
Trigger / frequency	Proposed: From placement through specified curing and release milestones, then at element closeout.
Responsibility	Proposed: [Enter Person/role performing this check] performs and records; [Enter Person/role reviewing this check] reviews only where assigned by project documents.
Point / external party	TBC; Proposed: [Enter project-assigned reviewing / release authority]
Notice / release	Proposed: Confirm project notice recipient, evidence, timing and release authority; no external control point is assigned.
Record	Column and wall curing, survey and defect register
Applicability / remarks	Proposed baseline. Confirm applicability and replace with controlled project requirement.

Blank matching record prompts

Complete the actual date, observation, result and responsible roles during the work. Blank cells are intentional; this template contains no completed inspection or approval.

CWL-01 • Element scope and pour-lift register

Field	Actual entry / evidence
Column / wall ID	
Grid / storey / level	
Pour / lift boundary	
Drawing / revision	
Interface / RFI ref	
Date / location / lot	
Actual observation / result / unit	
Original evidence / report reference	
Disposition / corrective action / recheck	
Performed by / date	
Reviewed / decision reference	

CWL-02 · Starter bars, couplers and construction joint

Field	Actual entry / evidence
Element / joint ID	
Starter / coupler mark	
Previous pour / record ref	
Joint preparation observation	
Damage / disposition ref	
Date / location / lot	
Actual observation / result / unit	
Original evidence / report reference	
Disposition / corrective action / recheck	
Performed by / date	
Reviewed / decision reference	

CWL-03 · Reinforcement cage, confinement and cover

Field	Actual entry / evidence
Element / grid / level	
Bar / fitment mark	
Lap / coupler ref	
Measured cover / method	
Opening / embed / congestion note	
Deviation / disposition ref	
Date / location / lot	
Actual observation / result / unit	
Original evidence / report reference	
Disposition / corrective action / recheck	
Performed by / date	
Reviewed / decision reference	

CWL-04 • Embedded items, openings and service coordination

Field	Actual entry / evidence
Element / level	
Embed / opening ID	
Measured location / orientation	
Coordinated drawing / revision	
Change / approval ref	
Date / location / lot	
Actual observation / result / unit	
Original evidence / report reference	
Disposition / corrective action / recheck	
Performed by / date	
Reviewed / decision reference	

CWL-05 · Formwork geometry and temporary works readiness

Field	Actual entry / evidence
Element / form ID	
Measured dimension / plumb	
Measure method / equipment	
Formwork design / revision	
Designer / verifier / release ref	
Defect / action ref	
Date / location / lot	
Actual observation / result / unit	
Original evidence / report reference	
Disposition / corrective action / recheck	
Performed by / date	
Reviewed / decision reference	

CWL-06 · Pre-pour review and notice / release

Field	Actual entry / evidence
Element / pour ID	
Open issue / disposition	
Installer / role / date	
Verifier / role / date	
Authority / decision / date / reference	
Date / location / lot	
Actual observation / result / unit	
Original evidence / report reference	
Disposition / corrective action / recheck	
Performed by / date	
Reviewed / decision reference	

CWL-07 • Concrete delivery and specified fresh tests

Field	Actual entry / evidence
Element / pour	
Batch / docket	
Mix ID	
Sample / location	
Method / equipment	
Actual result / units	
Tester / report ref	
Date / location / lot	
Actual observation / result / unit	
Original evidence / report reference	
Disposition / corrective action / recheck	
Performed by / date	
Reviewed / decision reference	

CWL-08 · Vertical placement, lift sequence and consolidation

Field	Actual entry / evidence
Element / lift	
Placement time	
Zone / sequence	
Placement / consolidation method	
Movement / leakage / interruption	
Action / disposition ref	
Date / location / lot	
Actual observation / result / unit	
Original evidence / report reference	
Disposition / corrective action / recheck	
Performed by / date	
Reviewed / decision reference	

CWL-09 · Construction joints and continuation between lifts

Field	Actual entry / evidence
Element / joint ID	
Joint / lift location	
Last / next placement time	
Preparation / method ref	
Design / project disposition ref	
Date / location / lot	
Actual observation / result / unit	
Original evidence / report reference	
Disposition / corrective action / recheck	
Performed by / date	
Reviewed / decision reference	

CWL-10 • Curing, stripping and geometry / defect closeout

Field	Actual entry / evidence
Element / level	
Method / product / conditions	
Start / end date and times	
Strip authorization / reference	
Survey / dimensions / method	
Defect / repair / recheck ref	
Closeout dossier ref	
Date / location / lot	
Actual observation / result / unit	
Original evidence / report reference	
Disposition / corrective action / recheck	
Performed by / date	
Reviewed / decision reference	

Topic guidance sources and limitations

NSW Government Quality Management Guidelines for Construction, Appendix D (ITP guidance)

Public webpage description and Appendix D download listing; Appendix D DOCX content was not inspected.

<https://www.info.buy.nsw.gov.au/resources/construction/quality-management-guidelines-for-construction>

Limited methodology context only: the NSW public page identifies a construction ITP guideline/checklist resource and contract-level quality planning. The linked Appendix D document itself was not inspected, so no detailed template fields or technical acceptance rules are attributed to it.

Queensland TMR MRTS70 Concrete (July 2022)

MRTS70 July 2022: Sections 5 (quality system), 6 (concrete class), 7 (materials), 8 (storage), 9 (mix design/acceptance), 10 (batching/mixing/transport), 11 (plastic concrete acceptance), 12 (hardened concrete acceptance incl. sampling), 13 (environmental limits), 14 (defects/rectification), and 15 (in-situ concrete: tests, falsework/formwork, placement/compaction, tolerances, stripping/loading). Section 17 covers normal-class concrete-specific requirements including placement, finishing, curing and early loading. Local searchable extract: industry-library/text/tmr-mrts70.txt.

[https://www.tmr.qld.gov.au/_/media/busind/techstdpubs/specifications-and-drawings/specifications/2-bridges-and-structures/mrts70.pdf?](https://www.tmr.qld.gov.au/_/media/busind/techstdpubs/specifications-and-drawings/specifications/2-bridges-and-structures/mrts70.pdf?extension=pdf&hash=BD4A48371C386F32622F6862572AA56A&rev=24517261eac44ddb86310c7980172050&sc_lang=en&size=1730809)

[extension=pdf&hash=BD4A48371C386F32622F6862572AA56A&rev=24517261eac44ddb86310c7980172050&sc_lang=en&size=1730809](https://www.tmr.qld.gov.au/_/media/busind/techstdpubs/specifications-and-drawings/specifications/2-bridges-and-structures/mrts70.pdf?extension=pdf&hash=BD4A48371C386F32622F6862572AA56A&rev=24517261eac44ddb86310c7980172050&sc_lang=en&size=1730809)

Inspected topic-specific technical example for Queensland transport/infrastructure concrete. In-situ topics are supported by Section 15; Section 17 is only relevant to its stated normal-class scope. Use numerical or procedural criteria only where the customer project adopts this edition and relevant annexures; not a general building requirement.

Hutchinson Builders, Construction ITPs and Reports suite (downloadable Word examples)

Groundworks ITP/Report, Concrete Place ITP/Report, Structural Steel ITP/Report; downloaded public DOCX files inspected 2026-10-06

<https://subbies.hutchies.com.au/resources/videos/safety-and-quality-planning>

Australian builder industry examples support high-level task sequencing, separate groundworks/concrete/steel process stages, records and lot/report fields only. Examples are explicitly marked EXAMPLE; they are not standards and provide no universal acceptance values or test rates. Original templates are not redistributed or copied.

Standards Australia catalogue — AS 1379:2026, Specification and supply of concrete (metadata only)

Public catalogue listing: AS 1379:2026, Current, published 22 May 2026; metadata checked 7 October 2026. Designation, title, status and publication date only. Full standard text was not inspected.

<https://store.standards.org.au/explore-standards/manufacturing?page=104>

Edition-awareness pointer only; full standard text was not inspected. A new publication does not automatically amend a contract, adopted standard edition or MRTS70 July 2022. Confirm project adoption and applicable amendments before citing clauses or using acceptance values.

Standards Australia catalogue — AS 3600:2018, Concrete structures (metadata only)

Public catalogue lists AS 3600:2018 as Pending Revision and amendments 1:2018 and 2:2021 as Current; metadata checked 7 October 2026. Full standard and amendment texts were not inspected.

[https://store.standards.org.au/search?](https://store.standards.org.au/search?query=AS3600%3A2018%E2%80%93ConcreteStructures&status=Current_PendingRevision)

[query=AS3600%3A2018%E2%80%93ConcreteStructures&status=Current_PendingRevision](https://store.standards.org.au/search?query=AS3600%3A2018%E2%80%93ConcreteStructures&status=Current_PendingRevision)

Optional structural-reference pointer only; full standard and amendment texts were not inspected. Confirm applicability, project-adopted edition and amendments. Catalogue metadata does not establish technical compliance or supply project acceptance criteria.

Topic guidance is provided for orientation only. Confirm applicable jurisdictional adoption, approved design and contract requirements. No cited source substitutes for the complete controlled project documents or licensed standards.