

Supplementary Specification
MRC Supplementary Specification
8990 Demolition of Structures

Revision 3.0

May 2026



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8990.1 Introduction

This Supplementary Specification refers to the demolition of structures and components and the disposal of demolition materials. Under WHSQ Demolition Work Code Of Practice demolition is considered a high-risk construction activity and shall be treated as such.

No demolition works shall be carried out on/to or around MRC infrastructure without the Contractor having the appropriate Notifications/Permits in place to commence and undertake the demolition works.

8990.1.1 Definition of Terms

This section describes any term which are specific to this specification or requires clarification due to an ambiguous understanding.

Term	Definition as Applies to this Specification
WHSQ	Work Health and Safety Queensland
Demolition Contractor	For the purposes of this Supplementary Specification, the demolition contractor is the PCBU that has management or control of the demolition work
Demolition	The complete or partial dismantling of a building or structure by pre-planned and controlled methods or procedures
Dilapidation Record	The photographic or video and written record of the condition of the portion of the existing building or structure retained, adjacent buildings, and other relevant structures or facilities before the start of demolition work
Dismantle	The reduction of an item to its components in a manner to allow re-assembly
Recover	The disconnection and removal of an item in a manner to allow re-installation

Definitions relating to Workplace Health and Safety should be referenced from Work Health and Safety Regulation 2011 and WHSQ Demolition Work Code of Practice 2021, or as required by current editions of these two documents.

8990.2 Referenced Documents

Throughout this specification referenced documents shall be taken as being the current version.

This supplementary specification shall be read in conjunction with the following:

- MRS01 *"Introduction to Specifications"*;
- MRTS01 *"Introduction to Technical Specifications"*;
- MRS04 & MRTS04 *"General Earthworks"*;
- MRS50 & MRTS50 *"Specific Quality System Requirements"*
- MRS70 & MRTS70 *"Concrete"*
- AS2187.2 *"Explosives – Storage and Use, Part 2: Use of Explosives"*
- AS2601 *"The Demolition of Structures"*
- Work Health and Safety Act 2011
- Work Health and Safety Regulation 2011
- Work Health & Safety Queensland (WHSQ) *"Demolition Work, Code of Practice 2021"*
- AS/NZS 5149.4 Refrigerating Systems and Heat Pumps
- AS/NZS 3012 Electrical Installations – Construction and Demolition Sites,
- Other relevant Australian Standards as applies to the demolition activity (AS3775, AS1353, AS3569, AS2550 as examples), and
- The project Drawings and specifications.



8990.3 Description of Work

Work items incorporated by this supplementary specification are identified in Section 8990.6 and 8990.7 with individual activities/tasks for measurement and payment sourced from the Bill of Quantities and listed in MRC Supplementary Specification Annexure 8990_1.

8990.4 Quality Systems Requirements

The Contractor shall produce and maintain a quality system compliant with MRTS50 with as a bare minimum address the requirements of Clause 8990.4 of this Specification. The quality plan shall be submitted to the Superintendent for approval 4 weeks prior to works commencing.

MILESTONE

8990.4.1 Std Test Methods (Testing Regime)

The following minimum testing regime applies to this specification:

Dilapidation inspection and report from an independent structural engineering consultant carried out on all structures and adjacent buildings which will be affected by the demolition works especially where vibration and blasting will occur prior to demolition commencing. The extent and scope of the inspection and report shall be the responsibility of the engineering consultant based on the proposed demolition methods, and shall be submitted as part of the Contractors quality plan where the Principal has not supplied a report.

Depending on the type of demolition a follow up dilapidation inspection and report shall be carried out post demolition, this requirement shall be as listed in Clause 2.1 of MRC Supplementary Specification Annexure 8990_1.

Civil earthworks and concrete works shall be tested in accordance with the relevant specifications MRTS04 and MRTS70 respectively.

8302.4.2 Hold Points, Witness Points and Milestones

Milestone

Milestone is a point within a project which marks the start or completion of an activity or compliance requirement. Generally associated with provision of records or data for verification with the projects contract and specification.

Hold Points

Hold points are noted on various Sections of this Specification.

“HOLD POINTS” are critical stages of the work, which require inspection by the Superintendent (or his nominated representative) and beyond which the Contractor will not be permitted to proceed without the written approval of the Superintendent.

A written “request for inspection” form shall be submitted to the Superintendent at least 48 hours prior to reaching the relevant “HOLD POINT”. One copy shall be submitted for each inspection. The signed copy will be handed back to the Contractor after the inspection to sanction work to proceed to the next stage or noting what work has to be done prior to re-inspection. This may involve inspection of the work by the Superintendent or approval of test results forwarded to the Superintendent by the Contractor.

Witness Points

Witness points are also important stages of work. However, these are not necessarily critical work stages as defined by the hold points. Witness points are where the Superintendent (or his/her



nominated representative) may review, witness, and inspect the work. The activities, however, may continue to proceed.

The following table represents the minimum inspection requirements for this specification.

Activity	Inspection Type	When	Reference
Preliminary			8990.5.
Submission of Demolition Plan and other required documents as per 8990.5	Milestone	4 Weeks prior to works commencing	8990.5
Dilapidation inspection and Report (as required)	Milestone	4 Weeks prior to works commencing	8990.5.2
Carry out preliminary investigation for hazardous materials and chemicals. Hazardous Substance Management Plan and Asbestos register submission	Milestone	4 Weeks prior to works commencing	8990.5.3.2
Contractors' personnel	Hold Point	After initial submission, 10 days prior to specific works activities commencing including certification each person having access to the site has completed site specific WHS induction training	8990.5.4
Lodgement and approval (permit) under accepted development, tidal works, or operational works, as required	Hold Point	Prior to prestart meeting	8990.5.5.1
Site access, operation of work platforms and scaffolding licenced personnel	Witness Points	Prior to works commencing, verification of licenses and tickets	8990.5.6
Scaffolding access system	Hold Point	Prior to works commencing, verification of licenses and tickets	8990.5.6
Notification and demolition permit approval	Witness Point	Prior to equipment being mobilised to site and pile locations including treatment for rodent infestations if required and a certificate obtained from the relevant authority	8990.5.9.3
Submission of Safety Management System	Milestone	4 weeks prior to works commencing and continual during demolition	8990.5.9.4
Review and endorsement of risk assessments (SWMS,	Witness Point	Prior to commencement of demolition works at Prestart meeting	8990.5.9.4



JSA) management system by personnel			
Construction Works - Demolition			8990.6.
Site induction and works process	Hold Point	Prior to demolition works commencing	8990.6.1.2
Notifying Superintendent of utilities and structures requiring protection	Witness Point	Prior to demolition works commencing, all utilities and structures not listed in Clause 5.2 of MRC Supplementary Specification 8990_1 Demolition of Structures Annexure	8990.6.1.3
Shoring and unpinning or other supporting of adjoining structures	Hold Point	Prior to and during demolition works	8990.6.1.3
Propping, bracing or shoring temporary measures to the demolished structure	Hold Point	Prior to and during demolition works	8990.6.1.3
Site specific safety issues	Witness Point	Observation of WH&S during demolition works	8990.6.1.4
Demolition works process	Witness Point	During demolition works to ensure various approved plans are being followed	8990.6.1.5
Removal and storing of Principal salvaged materials	Hold Point	At designated storage site prior to unloading	8990.6.1.6
Disposal of hazardous materials and chemicals	Witness Point	During demolition works	8990.6.1.6
Inspection of work site	Hold Point	After clean up and rehabilitation of site	8990.6.1.7
Post Construction			8990.7
Post-construction dilapidation inspection and report (as required)	Hold Point	At the completion of demolition works	8990.7.1
Repair of defects identified and agreed to from the post-demolition dilapidation inspection and report	Hold Point	After Contractor has made good identified repairs required.	8990.7.1
Submission of As Constructed Detail	Hold Point	At completion of works 4 weeks prior to requesting practical completion inspection.	8990.7.2
Inspection of demolition works	Hold Point	Completion of works	8990.7.3
Approval to proceed or acceptance of demolition works	Hold Point	At completion of repair works to existing structures or outstanding site rehabilitation works	8990.7.3



Maintenance of ESC Measures	Hold Point	During demolition works and post demolition works until approved to be removed by Superintendent	8990.7.4
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Where applicable Hold Points, Witness points, and Milestones for earthworks and concrete works shall be carried out as required by MRTS04 and MRTS70 respectively.

8302.4.3 Construction (Demolition) Tolerances

Unless otherwise approved by the Superintendent the tolerances specific to the demolition works and any site rehabilitation works are detailed on the design drawings and are included in Clause 2 of MRC Supplementary Specification Annexure 8990_1.

Tolerances for earthworks and concrete works where applicable shall comply with MRTS04 and MRTS70 respectively.

8990.5 Preliminary

The Contractor is to submit or ensure the following documentation is submitted for review and approval by the Superintendent 4 weeks prior to commencement of works or a prestart is conducted:

MILESTONE

- Engineering certification of demolition plan
- Demolition procedure/plan, including any lift plan as required
- Hazardous Substances Management Plan to AS2601 & disposal plan, including asbestos, and any materials to be retained by the Principal
- Off-site disposal locations: Submit details of the proposed locations for the disposal of material required to be removed from the site, and evidence of conformance with the requirements of relevant authorities.
- Quality Plan addressing requirements of 8990.4
- Dilapidation Record & Plan from a third party structural engineer, as required and method of protection and support for adjacent property or infrastructure
- Workplace Health and Safety Plan including relevant SWMS's, including if required a Hazardous Substances Management Plan including laboratory analysis where asbestos and other hazardous substances may be present
- Environmental Plan, including erosion and sediment control plan
- Traffic Management Plan as required for the site
- Contractor's personnel certification, experience, skills and training (10 days prior to undertaking work on site) compliant with the relevant Federal and State legislation
- Notification to and response from WH&S Qld of intention to carry out demolition works
- Approval from State Assessment and Referral Agency (SARA) and other State and Local Government authorities has been obtained as required

Other requirements unique to the project will be listed in the MRC Supplementary Specification Annexure 8990_1 Demolition of Structures Annexure

MILESTONE

8990.5.1 Demolition Plan

A demolition plan shall be drafted and endorsed by the Contractors Consulting Engineer qualified and experienced in the required demolition works including work sequencing plans. The plan is to be submitted to the Superintendent for review and approval 4 weeks prior to any site works commencing.

MILESTONE



The plan shall include the following as a minimum (but not limited to), as applicable;

8990.5.1.1 General

- Notification to WH&S Qld of intention to carry out demolition works
- A clear understanding of the scope of the demolition, site constraints, impacts on adjoining properties and obtained permissions from adjoining properties (as required) where encroachment into their properties may be required.
- Site layout detailing access to demolition works and site facilities, storage areas and/or material disposal location/s.
- Clearly listed demolition team structure, listing chain of command, licences held by each team member and ultimately the site supervisor and as required the licenced competent person responsible for the storage and use of explosives on site.
- Clear understanding of materials and components the Principal requires to be salvaged and stored, including location and storage method.

8990.5.1.2 Investigations

- An investigation report detailing infrastructure affected by the demolition (underground and overhead), hazardous materials and chemicals i.e. asbestos, both onsite and offsite.
- Sequence of work
- Trees documented to be retained before starting demolition.
- Investigations related to services to be disconnected, reconnected or diverted or condition of underground structures after demolition above them
- A safety report compiled by a suitably qualified person for the demolition works proposed and methodology proposed, including issues which are not limited to the demolition site i.e. pedestrian and vehicular traffic, lift plans for proposed demolition by cranes/excavators as examples.

8990.5.1.3 Preparatory Measures

- An understanding of the site location, and measures in place for effects of demolition activities on sensitive places such as schools, hospitals, and aged care homes.
- The timing of demolition works especially with respect to pedestrian and vehicle traffic at peak times, around bus stops and bus routes, around schools, and emergency vehicle access through and around site. If alternative routes are required, this shall be put in place prior to the prestart meeting.
- Asbestos removal procedure compliant with legislation and Environmental Plan, and also any other hazardous materials. These works are to be treated as part of the demolition works and carried out by appropriately qualified licenced personnel.
- Measures to protect all utilities from damage during demolition, and any utilities which require disconnection. Disconnection shall be carried out by the relevant utilities service provider to their requirements and shall be carried out after the prestart prior to any demolition works occurring.
- Electrical installation and demolition as required to carry out the activities in accordance with AS/NZS 3012.
- Where shoring, underpinning or any type of support is required for the adjoining structures all measures proposed shall be documented and endorsed by a qualified Consulting Engineer (RPEQ), including site inspections of such measures when in place and during demolition works.
- Where temporary propping, bracing, or shoring of the structure to be demolished is required the type and method shall be documented and endorsed by a qualified Consulting Engineer (RPEQ), including site inspections of such temporary measures when in place and during demolition works.



8990.5.1.4 Demolition Methods

- Proposed method/s of demolition, individual demolition activities including sequencing and staging of works.
- Proposed machinery/plant type and numbers to be used on site, detailing size and weight (especially when working on suspended slabs), and lifting capacity, all plant used for demolition activities shall be compliant to Clause 1.8 of AS2601
- Access to site for machinery and workers, temporary storage area of demolition waste, methods of disposal from site of waste and location as per Environmental Plan.
- Methods to prevent encroachment of demolition materials onto adjacent properties
- Method to address weather protection to prevent water penetration especially for materials intended for reuse
- Dust protection to protect existing finishes and the general environment
- Clear methodology of demolition activities where components are below ground or under water, including maintaining waterway navigation during demolition activities.
- Excavation and filling of areas on site, procedure and standards of compliance
- Where applicable concrete works procedure and standards of compliance
- Security of the site to prevent unauthorised entry.

8990.5.1.5 Blast management (as applicable)

- Permit/s in place and licenced personnel compliant to the Explosives Act 1999 and Explosives Regulation 2017 (or current versions as at the time of explosive works occurring)
- Type of explosive and detonators, method of placing and firing, maximum charge to be fired at once, firing pattern and delay sequence.
- Details of storage and transport, as well as any applicable licences for such storage and transport
- Details of public and site personnel safety for each blast prior to, during, and after.

8990.5.1.6 Health and safety Measures

- Measures for isolation of the demolition site from the public and safe use and access to public areas adjoining the demolition site
- Measures and methodology for handling contaminated materials including asbestos and hazardous chemicals
- Dealing with the risk of falling objects on site, at disposal or storage locations, and any public domain which may be affected by the works

8990.5.2 Dilapidation Inspection and Report

Prior to any demolition works commencing the Contractor shall ensure a dilapidation inspection and report has been carried out on the surrounding structures and buildings.

Where the Principal has carried out a dilapidation inspection and report pre-demolition, the Contractor shall carry out a post-demolition dilapidation inspection and report conducted by the same Consulting Engineering firm and identical to the original report.

Where the Principal has deferred the need for a dilapidation inspection and report to preconstruction the Contractor shall have a third-party structural Engineer Consultant carry out pre-demolition dilapidation inspection and report prior to any works commencing on site. This shall be submitted to the Superintendent 4 weeks prior to works commencing.

MILESTONE

The Contractor shall also carry out a post-demolition dilapidation inspection and report conducted by the same Consulting Engineering firm and identical to the original report for inclusion as part of the "As Constructed" documentation submission.

**HOLDPOINT****8990.5.3 Demolition Materials****8990.5.3.1 General Demolition Materials**

All demolition materials must be removed from site and disposed of in accordance with the Contractors approved demolition plan and environmental plan at no cost to the Principal. Demolition materials shall be prevented from entering any waterway or roadway.

8990.5.3.2 Hazardous materials and Chemicals

Clause 4.3 of MRC Supplementary Specification Annexure 8990_1 Demolition of Structures shall state the hazardous materials and chemicals identified within the structure to be demolished and on site. There is the chance not all hazardous materials or chemicals have been identified as part of the design documents.

It is the Contractor's responsibility to carry out a preliminary investigation to identify any hazardous materials which may not have been identified, this is to be included in their preliminary safety report detailing the locations, type/s, and extent of hazardous materials and chemicals.

Where asbestos is present the Principal shall supply an asbestos register, where asbestos is suspected and no register exists the person with management or control of the site shall engage a competent person to produce an asbestos register. This shall be submitted to the Superintendent 4 weeks prior to works commencing or the Prestart is held.

MILESTONE**8990.5.3.3 Principal Retained Materials**

Materials identified to be retained by the Principal shall be removed from site to the designated storage location and stored as identified by Clauses 4.1 and 4.2 of MRC Supplementary Specification Annexure 8990_1 Demolition of Structures. The Contractor shall allow for removal of materials to the designated storage site in their schedule of works.

8990.5.4 Contractor's Personnel

The Contractor shall provide documented evidence for the Superintendent's approval to demonstrate the experience, qualification, skills and training of proposed personnel, sub-contractors and suppliers a minimum 4 weeks prior to works commencing and then at least 10 working days prior to the relevant personnel, sub-contractors and suppliers undertaking works on the project as works are scheduled to commence. All personnel are required to hold relevant licences for the works activities they are to perform in line with Federal and State legislation.

HOLD POINT**8990.5.5 Environmental Plan**

The Contractors Environmental Plan shall be reflective of the requirements of MRTS51 and MRS51 and be submitted for approval by the Superintendent 4 weeks prior to site works commencing.

MILESTONE**8990.5.5.1 General**

The Contractor shall remove all rubbish, debris, disused materials etc., from the Site. The Site shall be maintained in a clean state.

During works, the Contractor shall provide suitable shielding, masking, and environmental encapsulation to prevent debris from leaving the work area, in accordance with all relevant environmental legislation.

Protection shall be provided for all equipment, structures, and any other areas as required by applicable statutory requirements or as directed by the Superintendent, from damage due to demolition works.



The Contractor shall be responsible for ensuring no debris is deposited on public or private rights of way because of the works, including any deposits arising from the movement of plant and vehicles.

The Contractor shall keep pollution in the vicinity of the Works within reasonable minimum limits noting that this clause does not exempt the Contractor from complying with the limits controlled or required by legislation.

The Contractor shall collect, transport and dispose of the waste at a registered waste facility.

The Contractor is responsible for lodgement of all Pre and Post Works notification requirements under the relevant Accepted Development, Tidal Works or Operational Works approvals and shall not proceed until all approvals are provided to the Superintendent.

HOLD POINT

8990.5.5.2 Noise and dust control

All plant and equipment supplied by the Contractor for use on the Works shall be selected to ensure nuisance caused by noise is minimised. The use of plant and equipment shall meet the relevant noise control legislation.

The Contractor shall minimise nuisance caused by dust and shall provide measures necessary to protect the public and surrounding environment. Complaints shall be handled and recorded as per the Contractors management plans,

The Contractor must ensure access is maintained for residents at all times

8990.5.6 Access

All scaffolding and other access methods used during the Works shall comply with the relevant Government safety regulations. Scaffolding, platforms, lifts or floating stages must only be erected and operated by licensed or qualified personnel.

The appropriate tagging system, as stipulated by the relevant authorities, shall be employed and clearly displayed. Adequate warning notices shall be posted where overhead work is in progress.

Safety harnesses, standby personnel and any other appropriate safety precautions shall be used.

The proposed scaffolding or access system shall adequately protect personnel from the repair work.

All operators of Elevating Work Platform (EWP) shall have current licenses appropriate to the type of equipment, and familiarity with the operation and maintenance of the specific equipment to be used on the site and shall have completed recognised Elevating Work Platform (EWP) Training with the National unit of competency TLILIC2005A, or RIIHAN301D for the appropriate equipment. The Superintendent may require a practical demonstration of competence of nominated personnel prior to granting approval to commence work.

WITNESS POINT

The Contractor shall submit the proposed scaffolding or access system to the Superintendent for approval prior to undertaking demolition works, including independent verification.

HOLD POINT

8990.5.7 Working at Heights

Use control measures that comply with regulatory requirements to manage risks.

Take into consideration factors such as the type of activity being carried out to establish;

- The degree of risk.
- Managing working at heights risks.
- Injuries that can occur from any height, even at a low level.



Do **not** use ladders as work platforms.

All personnel working at heights shall have completed a recognised Working at Heights Certification course with the National unit of competency RIIWHS204D when required, within two years of commencing the works. Submit evidence of completion of training for all relevant personnel to the Superintendent for approval prior to commencement of work at heights.

8990.5.8 Silica Dust

The Contractor shall manage the silica dust at work site via SWMS detailing controls which are to be implemented. The SWMS must be available at the worksite.

8990.5.9 Workplace Health and Safety

Without limiting the Contractor's other obligations, the Contractor must comply with all Acts, Regulations, Standards and Codes of Practice about work health and safety matters that are applicable to the demolition work undertaken as required by the project drawings and documents.

8990.5.9.1 General Workplace Health and Safety Requirements

As a condition of this document, it is required that the Contractor and its workers (including all sub-contractors etc., and their workers) engaged to perform a service or work on site must at all times ensure (so far as reasonably practicable) the health and safety of all persons who are, or may be, affected by work under this specification or the services provided.

8990.5.9.2 Council Work Health Safety Contractor Requirements

As a minimum, the Contractor must ensure they and their workers (including all contractor's sub-contractors etc.) comply with the following work health and safety requirements:

- Undertake Council contractor and site inductions prior to commencing work.
- Ensure all workers are competent, and provide proof of competencies, licenses, and training on request.
- Have an approved safe system of work (including risk assessment) for the tasks and ensure the work is completed according to this safe system of work.
- Provide adequate supervision for all high-risk construction tasks.
- All incidents and near misses are to be reported to their Council representative within 60 minutes.
- Participate in contractor pre-start meetings, safety interactions, site meetings and site inspections.
- Review information provided by Council such as site-specific hazards, risks and interaction issues and implement controls to, so far as reasonably practicable, eliminate, or if that is not possible, mitigate the risk.
- Supply safe plant and equipment with pre-start checks, maintenance/ service records, and manufacturer's manual.
- For all hazardous chemicals, ensure current Safety Data Sheets (SDS) are available and that appropriate controls (including as required under SDS requirements) are implemented.
- Comply with Council Safety, Drug and Alcohol and Fitness for Work policies.
- Be familiar with applicable site emergency procedures, closest emergency assembly point and sign in and out of site registers where required.
- Compliance with any reasonable direction given by Council relating to work health and safety.

8990.5.9.3 Permits/Approvals for Demolition Work

Where required and even where Council has already obtained approval the Contractor is responsible for and must ensure applicable permits and/or approvals for the demolition work activities are completed and approval has been issued by the statutory body for those works, all requirements for submission,



completion, obtaining permits, and the continuing approval shall be the Contractors responsibility and their cost.

WITNESS POINT

8990.5.9.4 Safe Systems of Work / Risk Assessment

The Contractor must prepare and submit a safe method of work (risk assessment) and relevant controls 4 weeks prior to commencement of work.

The completed risk assessment/s is to be provided to MRC for review and approval prior to works commencing. Safe Work Method Statements (SWMS) are required for all high-risk construction activities of which demolition works are classified and Job Safety Analysis (JSA) or similar risk assessments are required for other tasks.

The Contractor shall implement a Safety Management System (SMS) that includes sections addressing the project scope and risk management.

MILESTONE

The risk assessment (whether SWMS, JSA or other) must be reviewed and signed by the workers prior to undertaking the work. This shall be sighted by the Superintendent at the time of the Prestart meeting.

WITNESS POINT

8990.6 Construction Works - Demolition

This section lays out the works operations with more detail based on specific requirements of this supplementary specification. Some activities may appear to include items which are stated within other specifications, the purpose is to reinforce that requirement specific to this supplementary specification.

Specific demolition requirements associated with these works is detailed in MRC Supplementary Specification 8990_1 Demolition of Structures Annexure Section 5

8990.6.1 Work Operations

Work operations incorporated in this item are those included in Clause 2.1.5 of MRS01 “Introduction to Standard Specifications’ and the following work operation activities and associated sub activities;

8990.6.1.1 Work Scope

The scope of works (including all associated sub activities) covered under this specification is as follows:

- Procure and supply, and store all materials and equipment to carry out the demolition works as required;
- Notification and permit approval from the relevant 3rd party state departments of the proposed demolition works (as required);
- Pre-demolition and post demolition dilapidation inspections and reports as required;
- Site establishment, layout, site specific safety requirements, and induction/s carried out with and approved by Superintendent;
- Utility protection, and site electrical supply requirements for demolition;
- As required, install and maintain ESC measures in accordance with approved Environmental Plan;
- Carry out testing and inspections as required by the approved Quality Plan;
- Carry out demolition works;
- Disposal of demolition materials;
- Clean demolition site and make safe;



- Collection of “As Constructed” data and submission for approval.

8990.6.2 Supplying of All Resources to Carry Out Demolition

All materials, plant, and labour required to carry out the demolition works under this Specification is to be supplied by the Contractor. This includes requirements for disposal and/or salvaging and storage of components.

8990.6.3 Site Demolition Activities with Superintendent

Prior to commencement of demolition the demolition Contractor shall carry out a site induction inspection with the Superintendent outlining the demolition activities and planned order of works as set out in the approved demolition plan. This includes but not limited to staging, critical points, removal and disposal, removal and preservation of materials required to be salvaged for the Principal.

HOLD POINT

8990.6.4 Protection of Adjacent Utilities and Structures (As required)

The Contractor shall take measures to protect all utilities and structures from damage during demolition to the satisfaction of the relevant owner of the utility service as identified in Clause 5.2 of MRC Supplementary Specification 8990_1 Demolition of Structures Annexure. This list may not be complete, it is the responsibility of the Contractor to identify all utilities and structures which require protection.

WITNESS POINT

Where the Principal elects to supply materials for protection of Council infrastructure this shall be detailed in Clause 3.1 of MRC Supplementary Specification 8990_1 Demolition of Structures Annexure.

Where shoring, underpinning or any type of support is required for the adjoining structures the contractor shall ensure all measures proposed follow the endorsed demolition plan, including site inspections of such measures when in place and during demolition works by the structural consulting Engineer (RPEQ).

HOLD POINT

Where temporary propping, bracing, or shoring of the structure is required the Contractor shall ensure all measures proposed follows the demolition plan, including site inspections of such temporary measures when in place and during demolition works by the structural consulting Engineer (RPEQ).

HOLD POINT

8990.6.5 Site Specific Safety

The Contractor shall ensure a demolition site specific safety plan is produced to compliment the general site workplace health and safety plan and is available on site to all staff, the demolition contractor, and Superintendent at all times. The plan shall contain but not be limited to the following items;

- i. Site access for staff and various plant
- ii. Control and exclusion of the public during demolition activities
- iii. Ground stability for demolition plant, and other equipment proposed to be used i.e. cranes and transport vehicles
- iv. Location of all utilities have been potholed, located and protected
- v. Determine hazards, including confined and restricted work areas
- vi. Setting exclusion zones
- vii. Environmental hazards including noise and sediment controls
- viii. A safe work method statement for each activity, this also should include lift plans where cranes or excavators are proposed to be used to lift demolition materials.



- ix. Equipment inspection and maintenance prior to and during demolition activities, including recording of these.
- x. Updates of plans as required due to site conditions and restraints

WITNESS POINT**8990.6.6 Demolition Works**

The Contractor is responsible for all activities associated with the demolition of the structure and components, activities include but not limited to;

- Concrete and/or asphalt cutting,
- Grinding and/or acetylene cutting
- Excavation and filling, with batters as noted in the design drawings
- Concrete works including reinforcing and formwork as required.
- Unbolting and unfixing fixtures
- Removal and dismantling of structure/s and components
- Loading and disposing of materials
- Site set up and access

All demolition operations shall be based on the demolition plan submitted and be in accordance with the design drawings and documents and be read and implemented in accordance with the Contractors other submitted related plans as listed in Clause 8990.5 and include specific environmental requirements as listed in Clause 5.3 of MRC Supplementary Specification Annexure 8990_1 Demolition of Structures.

Excavation and filling shall be compliant to MRTS04, inclusive of testing, inspections, and construction tolerances. Concrete works shall be carried out as required by MRTS70, inclusive of testing, inspections, and construction tolerances. The Contractor is to reflect these activities in their quality plan as required by the site works.

The Contractor shall notify the Superintendent of the status of the demolition for the purposes of witnessing the works are being carried out in accordance with the Contractors various plans.

WITNESS POINT**8990.6.7 Disposal of Demolition Material**

Existing components to be salvaged and stored as identified on the design drawings or as directed by the Superintendent, refer to MRC Supplementary Specification Annexure 8990_1 Demolition of Structures for components to be salvaged and the storage site location.

Prior to unloading the salvaged components at the designated storage site the Contractor shall conjointly inspect the components with the Superintendent, any damaged components shall be disposed of by the Contractor at their cost. Where damage has been sustained to the salvaged structure/s or componentry the Contractor shall replace componentry or the whole structure as directed by the Superintendent.

HOLD POINT

Disposal of demolition material not identified as requiring salvage by the Principal shall be disposed of by the contractor at their cost as required by the contractors Environment Plan and Demolition Plan

Where there are hazardous materials and chemicals required to be disposed of the Contractor shall have the works carried out for the demolition and disposal as required by their Environment Plan and Demolition Plan and by suitably qualified personnel for the materials identified as hazardous. Site specific requirements are listed in Clause 5.4 of MRC Supplementary Specification Annexure 8990_1 Demolition of Structures which may list disposal sites. If no disposal locations are listed the Contractor shall nominate the disposal site/s for approval by the Superintendent and included as part of their Demolition Plan and Environmental Plan.

**WITNESS POINT****8990.6.8 Clean Work Site**

At the conclusion of demolition works the site is to be cleaned of all debris, excavated material, and construction materials with disturbed areas rehabilitated as required by the design drawings and erosion and sediment control measures installed as per the Contractors approved Erosion and sediment control plan and as directed by the Superintendent. All demolition equipment and plant to be disestablished and removed from site.

HOLD POINT**8990.7 Post Construction**

Items which close out the demolition activity of the project. All items below **MUST** be complied with prior to the Contractor requesting an “On Maintenance” inspection and/or as required during the Defects/Liability (On Maintenance) period.

8990.7.1 Post-demolition Dilapidation Inspection and Report (as required)

The Contractor shall also carry out a post-demolition dilapidation inspection and report conducted by the same Consulting Engineering firm and identical to the original pre-demolition inspection and report for inclusion as part of the “As Constructed” documentation submission.

This post-construction dilapidation inspection and report shall be submitted to the Superintendent for review. The extent and type of repairs shall be documented from this report where the Contractor shall repair and rectify defects resulting from the demolition works.

HOLD POINT

The structural Engineering consultant shall carry out a follow up inspection with the Superintendent to verify all agreed defects have been rectified and repaired as documented in the post-demolition dilapidation report.

HOLD POINT**8990.7.2 Collection and Submission of All As Constructed Data.**

The Contractor is to collate, supply and submit documentation, including marked up drawings which detail the scope of the demolition works as required to be captured by the applicable infrastructure “Asset Data Capture” Form, this form shall be supplied by the Superintendent.

Where the works are demolition only, the Contractor shall submit all documents and details within 2 days of the demolition works occurring, the Superintendent shall verify the captured decommissioned data and submit for Asset reconciliation.

Where the demolition works are part of a rehabilitation or upgrade project the Contractor shall capture this data for “As Constructed” documentation as required by *MRC D20 - Drawings and Documentation* for approval by the Superintendent 4 weeks prior to requesting a “On Maintenance” inspection.

HOLD POINT

Format of submitted “As Constructed” documentation shall be compliant with MRC Supplementary Specification 8919.

8990.7.3 Inspection of Completed Demolition Works with Superintendent

The Contractor shall carry out a site inspection with the Superintendent and relevant certifiers as may be required for the demolition works. The Superintendent shall nominate who should be present at this inspection.



HOLD POINT

Upon the Contractor rectifying damage to existing structures (including buildings) or outstanding rehabilitation works the Superintendent shall;

- 1) Give approval for further works to continue or
- 2) Accept the site works as completed and rehabilitated as required by the design drawings and documents.

HOLD POINT

8990.7.4 Erosion and Sediment Control Plan

ESC measures are to be kept in place and maintained until the Superintendent approves of the removal of such measures.

HOLD POINT

8990.8 Measurement and Payment

All works associated with demolition works shall be measured as per each listed task.

Provision for these works shall be included in the scheduled unit rate for the items show in Clause 8990.3 of this Supplementary Specification and annexure. No separate payment will be made for the works specified within this Supplementary specification or it's annexure.

Version Control:

Version	Description	Reviewed / Endorsed	Date
1.0	Original issue	C. Sultana	14.06.2024
2.0	Full Review of Specification	C. Sultana	08.05.2026