

STANDARD SPECIFICATION FOR NATSPEC BASIC (MAJOR BUILDING WORKS)

SCHEDULES

HOLD POINTS

WITNESS POINTS

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SCHEDULES

HOLD POINTS

WITNESS POINTS

PROJECT INFORMATION

Project Number;

RFT Number;

Project title;

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.....
.....

Superintendent;

Name;

Phone number;

Contact person (Project Manager/Officer)

Name;

Phone number;

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1. HOLD POINTS AND WITNESS POINTS SCHEDULES

1.1 SCHEDULE 1 - HOLD POINTS

Schedule 1 – Hold Points				
CLAUSE TITLE	SECTION	PAGE No	INITIALS	DATE
Groundworks - Existing services – Approval for excavation within 1m of underground services				
Groundworks – Excavation – Approval to use explosives				
Termite Control - Reticulation system – Acceptance of system design plan				
Concrete - Contractor's submissions – Information on saw joints				
Concrete - Embedded items – Approval to disturb reinforcement				
Concrete - Concrete - Chemical admixtures – Approval to use				
Concrete- Concrete - Ready mixed supply – Submission of slump and mix details				
Concrete - Concrete - Hot weather placing – maximum ambient temperature				
Concrete – Joints – Approval of construction joints not shown on drawings				
Structural Steel - Contractor's submissions – Shop drawings				
Structural Steel - Construction generally – Availability of lengths/sections – Acceptance of splices and joints information				
Structural Steel - Construction generally - Temporary connections (cleats) – Acceptance of information				
Structural Steel - Construction generally - Enlargement of bolt holes - Approval				
Structural Steel – Welding - Acceptance of Weld Procedure Specifications				
Light Steel Framing - Roof trusses – Submission of shop drawings				
Masonry - Samples - Masonry unit samples				
Masonry - Samples – Face-work sample panels				
Masonry - Materials and components – Acceptance of proposed additives				
Masonry - Materials and components - Acceptance of proposed Coloured mortar				
Masonry - Materials and components - Acceptance of proposed Premixed mortar				
Masonry – Construction generally - Acceptance of proposed Cleaning system and submission of Safety Data Sheets for proposed chemicals				
Masonry - Reinforced masonry – Inspection and approval of cleaning				

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Schedule 1 – Hold Points				
CLAUSE TITLE	SECTION	PAGE No	INITIALS	DATE
out of cores				
Woodwork - Roof trusses – Submission of shop drawings				
Insulation, Sarking & Pliable Membranes – Inspection before covering up				
Windows - Contractor's submissions – Shop drawings				
Suspended Ceilings - Construction generally – Approval of set out				
Painting – Approval for spray painting				
Sanitary Services – Hydrostatic Tests				
Sanitary Services – Sanitary plumbing – Building penetrations – Approval to penetrate structural members and elements or membrane elements				
Sanitary Services – Sanitary plumbing – Concrete building elements – Approval of locations of sleeves and core holes				
Sanitary Services – Maintenance holes – Construction – Approval to use pre-cast maintenance or inspection access units				
Sanitary Services – Maintenance holes – Testing of maintenance hole / pipeline connection – Fit plugs Hold Point not stated				
Water – Hydrostatic Tests – Approval of results				
LP Gas - Compliance plate installed, Certificates of compliance provided				
Wiring & Accessories - Movement detector locations approved				
Luminaires – Installation – Approval of non-specified mounting hardware				
General Mechanical Requirements - Contractors submissions - Shop drawings – Submission and written permission to use				
General Mechanical Requirements - Contractors submissions - Variation drawings – Submission and approval to use				
Roads - Density tests – Approval of results				
Fabric shade structures - Shop drawings				
Landscape – Samples for approval				
Irrigation - Shop drawings				
Irrigation - Control cabling – Inspection before backfilling trenches				
Irrigation – Tests - Hydrostatic tests – Approval of results				
Irrigation - Contractor's submissions - Design plans – Submission for approval				

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1.2 SCHEDULE 2 - WITNESS POINTS

Schedule 2 – Witness Points				
CLAUSE TITLE	SECTION	PAGE No	INITIALS	DATE
Demolition - Inspections				
- Adjoining structures before commencement of demolition				
- Underground structures after demolition above such structures				
- Trees specified to be retained before commencement of demolition				
- Excavations remaining after removal of underground work				
- Structure after removal of roof sheeting or wall cladding				
- Services after diversion or re-connection				
- Site after removal of demolished materials				
Demolition - Materials and components -Hazardous materials				
Ground works – Inspections				
- Enclosures to trees to be retained				
- Excavation completed to contract levels or founding material				
- Services laid in trenches and ready for backfilling				
Ground works - Bad ground – immediate notice				
Termite control – Inspections				
- Chemical spraying of under slab areas				
- Stainless steel mesh barriers installed, before concrete is poured				
- Chemical reticulation system installed ready for testing				
Termite control – Completion – Fixing of durable notice				
Concrete - Inspections				
- Termite barrier and film underlay installed on the base				
- Completed formwork, and reinforcement, cores and embedments fixed in place				
- Commencement of concrete placing				
- Before core filling masonry				
Structural steel – Inspections				
- Commencement of shop fabrication				
- Surface preparation prior to painting				
- Steelwork and column bases erected on site				
Light steel framing – Inspection before lining or cladding				
Masonry - Inspection				
- Damp-proof courses				

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Schedule 2 – Witness Points				
CLAUSE TITLE	SECTION	PAGE No	INITIALS	DATE
- Flashings, downpipes and other work to be concealed				
- Bottoms of cavities after cleaning out				
- Lintels in position				
- Structural elements being built in				
- Bottoms of core holes before grouting				
- Core filling				
- Control joints ready for insertion of joint filler				
Woodwork – Inspection of structural woodwork before covering up				
Roofing – Inspections before building in or covering up				
- Substructure				
- Sarking or vapour barrier				
- Insulation				
- Box gutters				
Cladding – Inspection of framing with sarking and flashings before fixing cladding				
Windows - Inspection - Fabricated window assemblies at the factory ready for delivery to the site				
Windows - Inspection - Openings prepared to receive windows				
Doors – Inspection – Door frames in place before building in				
Suspended ceilings – Inspection – Suspension system, before ceiling installed				
Partitions – Inspection – Bases, before partitions installed				
Lining – Inspection – Substrate and framing, before linings installed				
Plastering - Inspections				
- Immediately prior to commencement of plastering				
- On completion prior to decorative coating				
Metal work – Inspection – Shop fabricated or assembled items, before delivery to site				
Fixed furniture – Inspection – Items fabricated off site, before delivery				
Tiling - Inspection - Completion of waterproof membrane				
Tiling - Inspection - Initial or trial set out				
Resilient finishes – Inspection – Completion of laying underlay				
Carpets – Inspection – Fixings, edge strips, underlay, before laying carpet				
Painting - Inspection				

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Schedule 2 – Witness Points				
CLAUSE TITLE	SECTION	PAGE No	INITIALS	DATE
- Substrate immediately prior to commencement of painting				
- Prior to application of final coat				
Stormwater – Inspection – Work ready for testing				
Sanitary services – Inspection – Work ready for testing				
Water – Inspection – Work ready for testing				
LP Gas – Inspection – Work ready for testing				
General electrical requirements - Inspections				
- Concealed cabling prior to covering				
- Required tests				
Wiring & Accessories - Movement detectors – final sensitivity tests				
Master antenna TV – Commissioning – tests and contract compliance				
Fire detection – Inspection – Attend authorities' inspections				
Fire detection – Commissioning tests				
Fire detection – CIE tests				
General Mechanical Requirements – Inspections – Written notice of tests				
General Mechanical Requirements – Installation – Shop drawings				
General Mechanical Requirements – Commissioning				
- Air balancing				
- Water balancing				
- Noise testing				
- Vibration testing				
- Acceptance tests				
- Final tests				
Mechanical Pipework - Tests				
- Pressure tests				
- Dehydration				
- Charging				
- Piping generally				
- Pressure tests				
- Expansion tank				
Paving – Inspection – Unit paving trial set-out				
Roads - Inspection				

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CLAUSE TITLE	SECTION	PAGE No	INITIALS	DATE
- Subgrade material opened up so that its nature can be assessed				
- Testing including proof rolling				
- Prepared subgrade and surfaces prepared for priming, sealing or surfacing				
- Placing sub-base and base and surfacing				
Fabric Shade Structures – Samples of fabric and technical data				
Fabric Shade Structures - List of required inspections				
Landscape - Inspections				
- Subgrades cultivated or prepared for placing topsoil				
- Grassing bed prepared prior to turfing, seeding, or temporary grassing				
- Set out of planting holes prior to excavation				
- Plant holes excavated and prepared for planting				
Irrigation – Inspection – Work ready for testing				

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