Specifications provide us with a document for wide range of roles:

- Briefing
- A Design Record
- Demonstration of Compliance
- Cost Planning Tool
- Tender Document
- Contract Document
- Project Management Aid
- On site Manual
- Proof of intent
- Resource for Facilities Management
Specifications are delivered in more Efficient Method

MS Word  Web based Digital Format  Online Cloud

TIME
Specifications can learn from Drawings

Word Based Masters  Digital Format  Online Cloud

Manual Drawing  2d CAD  BIM Modelling
Specifications Online can be much more

• Today Specification platforms are more data rich environment

• They more often than not - holds other useful data for the design process

• This can be mapped and linked to other tools

• That data can be used to drive and link parameters throughout the whole building process
The Design & Building Process

- Design Brief
- Concept Design
- Preliminary Design
- Developed Design
- Tender Documentation
- Consultation & Engagement
- Construction
- Building Completion
- Building Use/Reuse
- Demolition & Recycle

Flowchart showing the various stages of the design and building process.
Online Specifications provide us with more Opportunity

• Much like drawing information has with BIM

• Pushing information from the spec

• Populating other parts of the design process with construction information
Our Online Platform is Data Rich
Recent Advances we have made due to the Masterspec Online Platform

- Faster & more accurate specs for designers
- Office/project masters – Customisation, Constancy
- Automation of Schedule Clauses - Accuracy
- Automated Updates - Accuracy
- Richer Product Information - More informed
- Allows for Partner Interaction - Expertise
Faster Accurate Specs

New Wing - West Plaza - Main Specification

- 1013  Document Control
- 1220  Project
- 1222  Project Personnel
- 1231  Contract
- 1233  Referenced documents
- 1235  Shop Drawings
- 1237  Warranties
- 1238  As Built Documentation
- 1239  Operation & Maintenance
- 1260  Project Management
- 3101  Concrete Work - Basic
- 3102  Concrete Work - Standard
- 3122  Sprayed Concrete
- 3124A  Acuron 2000 Cure & Seal Moisture Protection
- 3129  Concrete production
- 3151C  ComFlor composite floor system
- 3161CC  Canzioi Concrete Accessories
- 3321F  Firth concrete masonry
- 3411  Structural Steelwork
- 4131EB  Equus De Boer Debooese Tanking Membrane
- 4221TH  Timspec Certiflad Horizontal Weatherboards
- 4241D  Dimond Profiled Cladding
- 4251A  Alucobond aluminium composite cladding
- 4311D  Dimond Profiled Metal Roofing
- 4521AR  APL Residential Aluminium Windows & Doors
Automation of Schedule Clauses

1237 WARRANTIES

3.1 SCHEDULE OF WORK SECTION WARRANTIES
The following work sections have warranty and guarantee requirements, refer to these sections for details:

- 4311D Dimond Profiled Metal Roofing
- 4521AR APL Residential Aluminium Windows & Doors

Schedule of additional items

3.2 SCHEDULE OF ADDITIONAL ITEMS
The following documents have warranty and guarantee requirements, refer to these documents for details:
Automated Updates
Richer Product Information
Allows for Partner Interaction
Partner Reporting Live
From Spec to Drawing: MasterKey
Online specifications provides us with new Opportunities

- A platform or HUB to push information from the spec to populate other parts of the design and construction process
Construction Information HUBs - Future Opportunities

New Partner Module

• On request from the designer a partner can offer advice
• Designers are look for a partner not a supplier
• Expert advice helps the design process and should help efficiency
Construction Information HUBs - Future Opportunities

- Creation of project keynotes attached to clauses from cloud based specs
- MasterKey is already making design teams to start the spec earlier
- Preliminary Specifications
- Maintenance Documentation
- Linking to National BIM Library Objects
CI HUB’s can do for Specs what BIM has done for Geometry – Improve relevance

Word Based Masters  Digital Format  Online Cloud

Manual Drawing  2d CAD  BIM Modelling
QUESTIONS?

Word Based Masters    Digital Format    Online Cloud