

## GENERAL NOTES

### DRAWINGS

- GEN01. THE DRAWINGS ARE A GUIDE ONLY FOR THE LOCATION AND LAYOUT OF THE SERVICE PIPES.  
 GEN02. DO NOT SCALE FROM THESE DRAWINGS.  
 GEN03. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE OTHER CONTRACT DOCUMENTS, SPECIFICATIONS AND DRAWINGS. FOR THE FINAL LOCATION OF FIXTURES AND FITTINGS REFER TO ARCHITECTURAL DRAWINGS.

### LEVELS

- GEN04. VERIFY THAT ALL INVERT LEVELS, SURFACE LEVELS AND CLEARANCES ARE CORRECT AND OBTAINABLE PRIOR TO COMMENCING WORKS.  
 GEN05. ALL LEVELS ARE SHOWN IN METRES AUSTRALIAN HEIGHT DATUM. UNLESS NOTED OTHERWISE.

### TESTING AND INSPECTION

- GEN06. PAY ALL COSTS FOR THE TESTING OF THE INSTALLATION AND COSTS FOR FEES, APPLICATIONS INSPECTION BY LOCAL AUTHORITY, UNLESS NOTED OTHERWISE.  
 GEN07. UNDERTAKE ALL OF THE TESTING REQUIREMENTS OF THESE DRAWINGS, THE CONTRACT DOCUMENTS, RELEVANT CODES, STANDARDS AND LEGISLATION. UNLESS NOTED OTHERWISE.

### MEASUREMENTS

- GEN08. ALL DISTANCES ARE SHOWN IN MILLIMETRES. UNLESS NOTED OTHERWISE.

### EXISTING SERVICES

- GEN09. ALL EXISTING SERVICES MADE REDUNDANT FROM THESE WORKS AND EXISTING REDUNDANT SERVICES SHALL BE REMOVED OR SEALED OFF IN ACCORDANCE WITH THESE DRAWINGS, THE CONTRACT DOCUMENTS AND TO THE SATISFACTION OF THE LOCAL AUTHORITY.  
 GEN10. SPRINKLER HEAD LOCATIONS ARE BASED ON AS-BUILT GIVEN BY THE CLIENT, AND FROM THE PHOTOS FROM THE SITE INSPECTIONS. CONTRACTOR TO CONFIRM EXISTING HEAD LOCATION PRIOR TO COMMENCEMENT OF WORKS.

### FIRE RATED PENETRATIONS

- GEN11. PROVIDE FIRE RATED PENETRATIONS FOR SERVICES PASSING THROUGH EACH FIRE RATED ELEMENT, FIRE RATED PENETRATIONS SHALL ACHIEVE THE SAME RATINGS AS THE BUILDING ELEMENT PENETRATED. SEAL PENETRATIONS WITH A SYSTEM CONFORMING TO AS 4072.1.  
 GEN12. THE METHOD AND MATERIALS USED SHALL BE IDENTICAL WITH A PROTOTYPE ASSEMBLY FOR THE SERVICE AND BUILDING ELEMENT WHICH HAS BEEN TESTED IN ACCORDANCE WITH AS4072.1-2005 AND AS1530.4-2014 AND HAS ACHIEVED THE REQUIRED FRL OR RESISTANCE TO THE INCIPIENT SPREAD OF FIRE OR COMPLY WITH OTHER RELEVANT PROVISIONS OF PART 3.7.1 FIRE SEPARATION OF THE BUILDING CODE OF AUSTRALIA VOLUME 2. ANY PENETRATIONS CREATED OR TREATED SHALL BE PROVIDED WITH A SERVICE LABEL COMPLYING WITH AS1851-2012 CLAUSE 17.2.4.2.  
 PROVIDE A SCHEDULE OF ALL PENETRATIONS EITHER CREATED OR TREATED. THE SCHEDULE SHALL BE SET OUT IN ACCORDANCE WITH AS4072.1-2005, FIGURE B1 - AND SHALL BE SUITABLE FOR SUBSEQUENT USE BY THE BUILDING OWNER AS REQUIRED BY AS1851-2012 CLAUSE 17.4.  
 GEN13. WHEREVER OR WHENEVER THE PROPOSED WORKS REQUIRE THE PENETRATION OF AN ELEMENT HAVING A FIRE RESISTANCE RATING, THE BUILDER SHALL ENSURE THAT ANY PERSON RESPONSIBLE FOR THE INSTALLATION OF ANY SYSTEM USED TO PROTECT/REINSTATE THE FRL OF THE PENETRATION:  
 A. HOLDS AN APPROPRIATE LICENSE  
 B. PROVIDES AN INSTALLATION STATEMENT IN THE FORMAT PRESCRIBED BY APPENDIX B OF AS4072.1 TO DESCRIBE THE PENETRATION, ITS LOCATION AND METHOD OF TREATMENT; AND  
 C. THE CONTRACTOR SHALL PROVIDE A COPY OF THE INSTALLATION STATEMENT AS PROVIDED IN (B) ABOVE TO THE INSPECTING OFFICER PRIOR TO REQUESTING AN INSPECTION FOR SUBSTANTIAL COMPLETION.  
 GEN14. PROVIDE ACCESS TO PASSIVE FIRE PROTECTION DEVICES FOR INSPECTION IN ACCORDANCE WITH AS1851:2012.

### REGULATIONS

- GEN15. WORKS SHALL BE CONSTRUCTED BY SUITABLY QUALIFIED AND LICENSED TRADES PEOPLE.

## FIRE SPRINKLERS

### SCOPE:

1. SUPPLY, INSTALL AND COMMISSION A FULLY FUNCTIONAL FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH THE CONTRACT DOCUMENTATION. THE SYSTEM SHALL COMPLY WITH THE FOLLOWING.
  - A. AREA TO BE PROTECTED: WAREHOUSE EXTENSION STORAGE AREA.
  - B. OCCUPANCY HAZARD: HIGH HAZARD WITH CATEGORY 1 ENCAPSULATED GOODS HOUSED IN RACK STORAGE WITH MAXIMUM STORAGE HEIGHT OF 9.3m
  - C. SPRINKLER TYPE: EXPOSED PENDANT, QUICK RESPONSE.

### GENERAL NOTES:

- SPR01. THE SPRINKLER SYSTEM INSTALLED UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE LATEST BUILDING CODE OF AUSTRALIA NEW INSTALLATION TO AS2118.1-2017 AND EXISTING BASE BUILT PERFORMANCE TO AS2118.1-1999, AS 2118.1-2017 AND WITH THESE DRAWINGS.  
 SPR02. ITEMS SUSCEPTIBLE TO VANDALISM AND POSSIBLE ROUGH INDUSTRIAL USE SHALL BE ARRANGED AND/OR PROTECTED TO MINIMISE POTENTIAL INTERFERENCE AND/OR DAMAGE.  
 SPR03. FAILURE TO OBTAIN WRITTEN GUARANTEES SHALL NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATIONS IN REGARD TO THE RELEVANT CLAUSES SET OUT IN THESE DRAWINGS.  
 SPR04. A WRITTEN CONFIRMATION OF APPROVAL SHALL BE SUBMITTED PRIOR TO GRANTING OF PRACTICAL COMPLETION.  
 SPR05. THE SPRINKLER SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF THE INSURANCE COUNCIL OF AUSTRALIA AND THE DESIGN AND INSTALLATION SHALL BE INSPECTED AND APPROVED BY THEM.  
 SPR06. A WRITTEN CONFIRMATION OF APPROVAL SHALL BE SUBMITTED PRIOR TO GRANTING OF PRACTICAL COMPLETION.  
 SPR07. ALLOW FOR ALL SET UPS AND SET DOWNS IN THE PIPE WORK TO COORDINATE WITH THE BUILDING STRUCTURE AND OTHER SERVICES.  
 SPR08. CONTRACTOR TO COORDINATE THE FINAL SPRINKLER HEAD LAYOUT WITH THE ARCHITECTURAL RCP PRIOR TO INSTALLATION ON SITE.  
 SPR09. CONTRACTOR TO COORDINATE WITH OTHER SERVICES PRIOR TO INSTALLATION ON SITE.

### COMMISSIONING

- SPR10. DEMONSTRATE TO THE CONSULTANT THAT THE SYSTEM WATER IS CLEAN AND FREE FROM FOREIGN MATTER, INCLUDING SAND, SEDIMENTS, AND OTHER IMPURITIES, BY THE FOLLOWING TESTS:  
 SPR11. DISCHARGE TEST: INSPECT WATER DISCHARGED FROM ONE OR MORE OF THE FLUSHING VALVES.  
 SPR12. TEST PIPEWORK TO AS 2118.1-2017, MAINTAIN THE TEST PRESSURE BEYOND THE SPECIFIED PERIOD IF NECESSARY TO COMPLETE THE INSPECTION OF PIPEWORK UNDER TEST.  
 SPR13. PROVIDE COMPLIANCE CERTIFICATE OF THE INSTALLATION BY AN ACCREDITED INDEPENDENT CERTIFIER.  
 SPR14. PROVIDE AS INSTALLED DRAWINGS IN HARD COPY AND ELECTRONIC COPY IN PDF AND AUTOCAD VERSION.  
 SPR15. PROVIDE DEFECT LIABILITY AND WARRANT OF THE NEW WORKS FOR 52 WEEKS FROM THE DATE OF PRACTICAL COMPLETION.

## SHOP DRAWINGS

- SD.01 CONTRACTOR TO SUBMIT RFI AND SHOP DRAWINGS IF THERE ARE NO CLEAR INFORMATION ON THE DRAWINGS AND/OR TO CONFIRM THE EXTENT OF WORKS PRIOR TO WORKS.

## LEGEND

- PENDANT TYPE SPRINKLER (PROPOSED)
- EXISTING FIRE SPRINKLER PIPE
- - - PROPOSED FIRE SPRINKLER PIPE

Rev	Description	Checked	Approved	Date
B	UPDATED TENDER DOCUMENTATION	JW	DB	11/07/24
A	FOR TENDER REVIEW	JW	DB	08/05/24

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NOTES AND LEGEND

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