

GENERAL NOTES

GENERAL

- GEN01. THE CONTRACTOR IS TO MAKE FULL ALLOWANCE FOR THE ISOLATIONS REQUIRED.
 GEN02. PROVIDE 'AS EXECUTED' DRAWINGS AND DOCUMENTATION.
 GEN03. THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY THE NATURE AND EXTENT OF WORK INVOLVED AND SHALL COORDINATE THE WORK WITH EXISTING SERVICES, BUILDING STRUCTURE AND OTHER TRADES TO FACILITATE SMOOTH WORK AND PROGRESS.
 GEN04. THE CONTRACTOR SHALL CUT ALL OPENINGS IN THE CEILING TILES FOR THE SPRINKLER HEADS AND PIPING, SPEAKERS AND DETECTORS. ALL DAMAGE TO THE TILES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

DRAWINGS

- GEN05. THE DRAWINGS ARE A GUIDE ONLY FOR THE LOCATION AND LAYOUT OF THE SERVICE PIPES.
 GEN06. DO NOT SCALE FROM THESE DRAWINGS.
 GEN07. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE OTHER CONTRACT DOCUMENTS, SPECIFICATIONS AND DRAWINGS.

LEVELS

- GEN08. VERIFY THAT ALL INVERT LEVELS, SURFACE LEVELS AND CLEARANCES ARE CORRECT AND OBTAINABLE PRIOR TO COMMENCING WORKS.

REGULATIONS

- GEN09. WORKS SHALL BE CONSTRUCTED BY SUITABLY QUALIFIED AND LICENSED TRADES PEOPLE.

TESTING AND INSPECTION

- GEN10. PAY ALL COSTS FOR THE TESTING OF THE INSTALLATION AND COSTS FOR INSPECTION BY LOCAL AUTHORITY. UNO.
 GEN11. UNDERTAKE ALL OF THE TESTING REQUIREMENTS OF THESE DRAWINGS, THE CONTRACT DOCUMENTS, RELEVANT CODES, STANDARDS AND LEGISLATION. UNO.

MEASUREMENTS

- GEN12. ALL DISTANCES ARE SHOWN IN MILLIMETRES. UNO.
 GEN13. ALL LEVELS ARE SHOWN IN METRES. UNO.
 GEN14. MEASUREMENTS OF QUANTITIES ARE IN ACCORDANCE WITH AS ISO 1000:1998.

EXISTING SERVICES

- GEN15. 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.

FIRE RATED PENETRATIONS

- GEN16. PROVIDE FIRE RATED PENETRATIONS FOR SERVICES PASSING THROUGH EACH FIRE RATED ELEMENT. FIRE RATED PENETRATIONS SHALL ACHIEVE THE SAME RATING AS THE BUILDING ELEMENT PENETRATED. SEAL PENETRATIONS WITH A SYSTEM CONFORMING TO AS 4072.1.
 GEN17. 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 AS 4072.1-1992 AND AS 1530.4-1997 AND HAS ACHIEVED THE REQUIRED FRL OR RESISTANCE TO THE INCIPIENT SPREAD OF FIRE. ANY PENETRATIONS CREATED OR TREATED SHALL BE PROVIDED WITH A SERVICE LABEL COMPLYING WITH AS 1851-2005 CLAUSE 17.2.4.2.
 PROVIDE A SCHEDULE OF ALL PENETRATIONS EITHER CREATED OR TREATED. THE SCHEDULE SHALL BE SET OUT IN ACCORDANCE WITH AS 4072.1-2005, FIGURE B1 - AND SHALL BE SUITABLE FOR SUBSEQUENT USE BY THE BUILDING OWNER AS REQUIRED BY AS 1851-2005 CLAUSE 17.4.
 GEN18. 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 AS 4072.1 TO DESCRIBE THE PENETRATION, ITS LOCATION AND METHOD OF TREATMENT, AND
 C. THE BUILDING SHALL FURNISH A COPY OF THE INSTALLATION STATEMENT AS PROVIDED IN (B) ABOVE TO THE INSPECTING OFFICER PRIOR TO REQUESTING AN INSPECTION FOR 'SUBSTANTIAL COMPLETION'.
 GEN19. PROVIDE ACCESS TO PASSIVE FIRE PROTECTION DEVICES FOR INSPECTION IN ACCORDANCE WITH AS 1851-2005.

FIRE SPRINKLERS

GENERAL NOTES

- SPR01. THE SPRINKLER SYSTEM INSTALLED UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE NATIONAL CONSTRUCTION CODE, AS 2118 AND WITH THESE DRAWINGS.
 SPR02. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION, COMMISSIONING, TESTING AND CERTIFYING OF THE SYSTEM. THE SYSTEM SHALL BE OF THE MOST ECONOMICAL DESIGN CONSISTENT WITH PROVIDING EFFICIENT FIRE PROTECTION AND MEETING THE REQUIREMENTS OF THESE DRAWINGS. THE COMPLETION OF THE WORK WILL BE CERTIFIED ONLY WHEN ALL SPECIFIED REQUIREMENTS ARE MET AND THE INSTALLATION PERFORMS TO THE SATISFACTION OF THE CLIENT'S REPRESENTATIVE.
 SPR03. FAILURE TO OBTAIN WRITTEN GUARANTEES SHALL NOT RELIEVE THE CONTRACTOR OF THEIR OBLIGATIONS IN REGARD TO THE RELEVANT CLAUSES SET OUT IN THESE DRAWINGS.

CERTIFICATION

- SPR04. PROVIDE WRITTEN CERTIFICATION AS DETAILED IN AS 2118.10. ALL FORMS RELEVANT TO THE TYPE OF INSTALLATION SHALL BE COMPLETED AND SUBMITTED AT THE TIME OF PRACTICAL COMPLETION.

COMMISSIONING

- SPR05. DEMONSTRATE THAT THE SYSTEM WATER IS CLEAN AND FREE FROM FOREIGN MATTER, INCLUDING SAND, SEDIMENTS, AND OTHER IMPURITIES, BY THE FOLLOWING TESTS:
 SPR06. DISCHARGE TEST: INSPECT WATER DISCHARGED FROM ONE OR MORE OF THE FLUSHING VALVES.
 SPR07. SPRINKLER HEAD TEST: REMOVE NOT LESS THAN 10% OF THE SPRINKLER HEADS FROM LOCATIONS TO BE SELECTED BY THE MANAGING CONTRACTOR, AND INSPECT THEM FOR FOREIGN MATTER LODGED ACROSS THE ORIFICES OF THE HEADS.
 SPR08. A TEST HAS FAILED IF FOREIGN MATTER IS OBSERVED IN QUANTITIES CONSIDERED BY THE CLIENT'S REPRESENTATIVE TO BE LIKELY TO IMPAIR THE FUNCTIONING OF THE SYSTEM.
 REMEDIAL ACTION:
 A. IF DISCHARGE OR SPRINKLER HEAD TEST FAILS, DRAIN THE ENTIRE SYSTEM, OPEN AND CLEAN THE ALARM VALVE AND STRAINER, AND RECHARGE THE SYSTEM WITH WATER;
 B. IF THE SPRINKLER HEAD TEST FAILS, THE MANAGING CONTRACTOR MAY IN ADDITION REQUIRE THE REMOVAL, CLEANING, AND REFITTING OF ALL THE SPRINKLER HEADS OF THE INSTALLATION.
 SPR09. TEST PIPEWORK TO AS 2118, MAINTAIN THE TEST PRESSURE BEYOND THE SPECIFIED PERIOD IF NECESSARY TO COMPLETE THE INSPECTION OF PIPEWORK UNDER TEST.

PORTABLE FIRE EXTINGUISHERS AND BLANKETS

- FEB01. FIRE EXTINGUISHERS SHALL COMPLY GENERALLY WITH AS 1841:2007 AND NCC SECTION E1.6.
 FEB02. FIRE EXTINGUISHER SELECTION AND LOCATION SHALL COMPLY WITH AS 2444:2001
 FEB03. FIRE CLASS AND RATING SHALL COMPLY WITH AS 1850:1997.
 FEB04. FIRE EXTINGUISHER MANUFACTURING SHALL COMPLY WITH AS 1841:2007 AND REFERENCED STANDARDS.
 FEB05. FIRE EXTINGUISHERS SHALL BE PROVIDED WITH COMPLIANT SIGNAGE AS REQUIRED BY AS 2444:2001.
 FEB06. FIRE BLANKETS SHALL COMPLY GENERALLY WITH AS 3504:2006.
 FEB07. FIRE BLANKET SELECTION AND LOCATION SHALL COMPLY WITH AS 2444:2001.

FIRE DETECTION AND EWIS

- DET01. FIRE DETECTION SHALL COMPLY GENERALLY WITH AS 1670.1, NCC SECTION E2.2 AND THE HIGH COURT OF AUSTRALIA FIRE STRATEGY PLAN.
 DET02. EWIS SHALL COMPLY WITH AS 1670.4
 DET03. EWIS SPEAKERS TO BE SET TO A MINIMUM SOUND LEVEL OF 65dB & ACHIEVE SPEECH INTELLIGIBILITY
 DET04. UPDATE BLOCK PLAN AT FIP TO REFLECT NEW LAYOUT

LEGEND

- ⊙ PENDANT CONVENTIONAL SPRINKLER HEAD (FAST RESPONSE)
 △ SIDEWALL SPRINKLER HEAD (FAST RESPONSE)
 □ EWIS SPEAKER (SURFACE MOUNTED)
 □ SMOKE DETECTOR (SURFACE MOUNTED)
 □ EWIS SPEAKER (SURFACE MOUNTED)
 [EWIS] EWIS PANEL
 [MIMIC] MIMIC PANEL
 [] MANUAL CALL POINT
 [] VISUAL ALARM

ABBREVIATIONS

- E DENOTES EXISTING DEVICE/SPRINKLER HEAD TO REMAIN
 N DENOTES NEW DEVICE/SPRINKLER HEAD TO BE INSTALLED
 D DENOTES EXISTING DEVICE/SPRINKLER HEAD TO BE DELETED
 R DENOTES EXISTING DEVICE/SPRINKLER HEAD TO BE RELOCATED

PIPEWORK

- DENOTES EXISTING SPRINKLER PIPEWORK
 - - - DENOTES NEW SPRINKLER PIPEWORK

SPRINKLER HEAD SCHEDULE

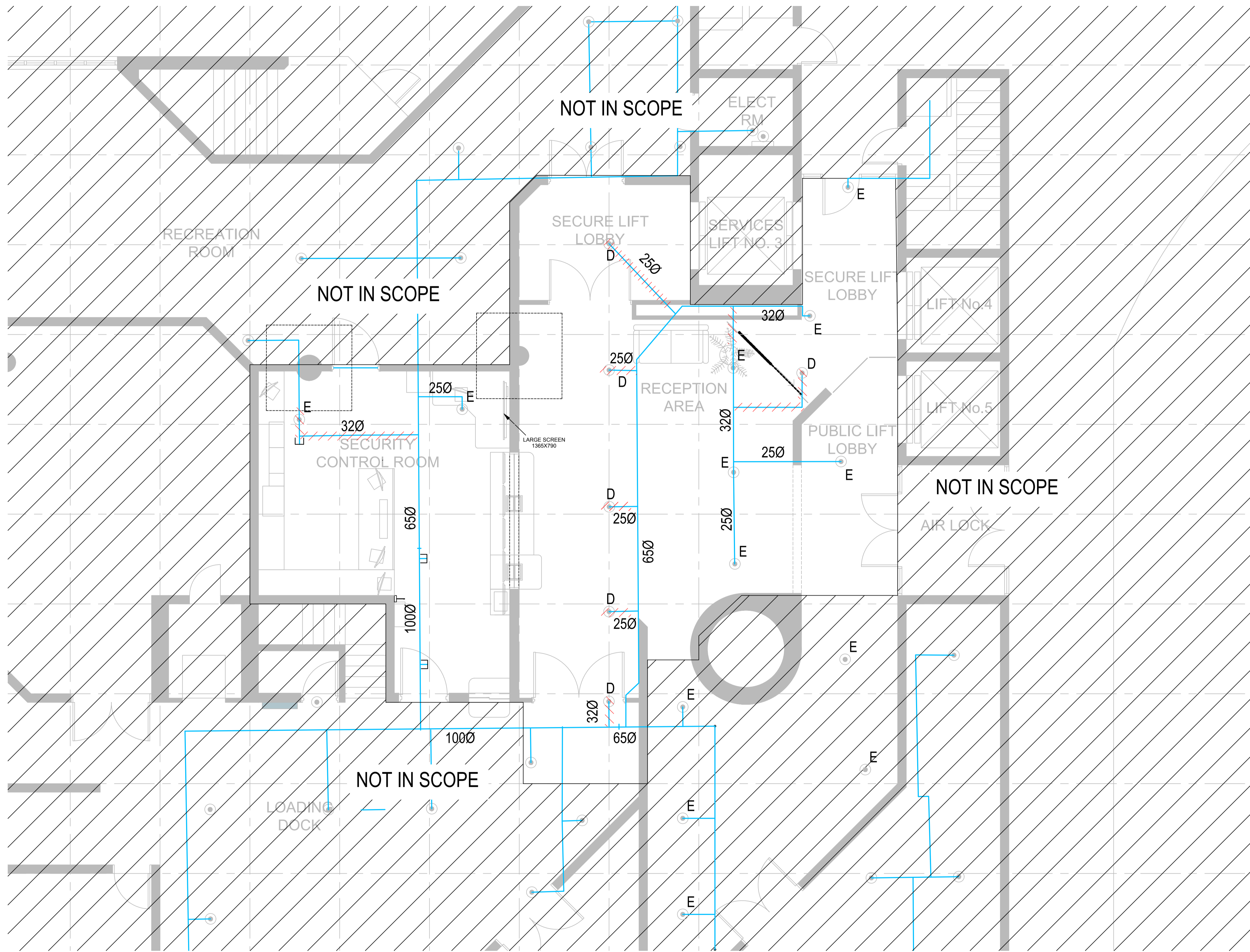
SPRINKLER HEAD	HEAD POSITION	THREAD SIZE	BULB COLOUR	FINISH
PENDANT SPRINKLER	PENDANT	20mm BSP	RED	CHROME
HORIZONTAL SIDEWALL SPRINKLER	PENDANT	15mm BSP	RED	CHROME
NOTES: ALL SPRINKLER HEADS TO BE QUICK RESPONSE				

TENDER

					 Level 7, 16 Marcus Clarke Street Canberra ACT 2601 Australia GPO Box 1877 Canberra ACT 2601 T 61 2 6113 3200 F 61 2 6113 3299 E cbrmal@ghd.com W www.ghd.com		DO NOT SCALE Conditions of Use. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.		Drawn J.CHAMPION	Designer L. GRIGGS	Client HIGH COURT OF AUSTRALIA Project SECURITY CONTROL ROOM RELOCATION Title FIRE SERVICES GENERAL NOTES AND LEGEND
C	RE-ISSUE FOR TENDER	ST	LG	TL					05.04.19	Drafting Check T.O'HALLORAN	
B	ISSUE FOR TENDER	JC	LG*	TL*	21.03.19			Original Size A1 Drawing No: 23-16518-F002 Rev: C			
A	PRELIMINARY	JC	LG	TL	30.11.18						
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date					

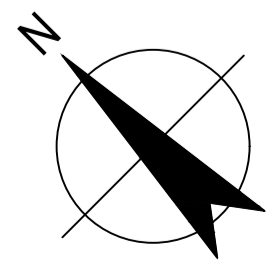
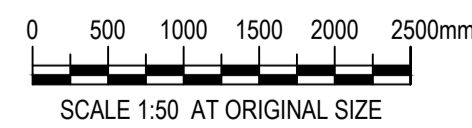
NOTES:

1. ALL NEW SPRINKLER PIPE WORK TO BE HARD PIPE ONLY AND MUST BE PAINTED WHITE TO MATCH EXISTING.
2. ALL OLD AND NEW SPRINKLER HEADS TO BE FAST RESPONSE SPRINKLER HEADS.
3. EXISTING SPRINKLER PIPE SIZES NEEDS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION.



TENDER

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
C	RE-ISSUE FOR TENDER		ST	LG	TL	05.04.19
B	ISSUE FOR TENDER		JC	LG*	TL*	21.03.19
A	PRELIMINARY		JC	LG	TL	26.11.18



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Drawn	J. CHAMPION	Designer	L. GRIGGS
Drafting Check	T. O'HALLORAN	Design Check	S. STUDIO
Approved (Project Director)	T. LITTLE		
Date	MARCH 2019		
Scale	1:50		

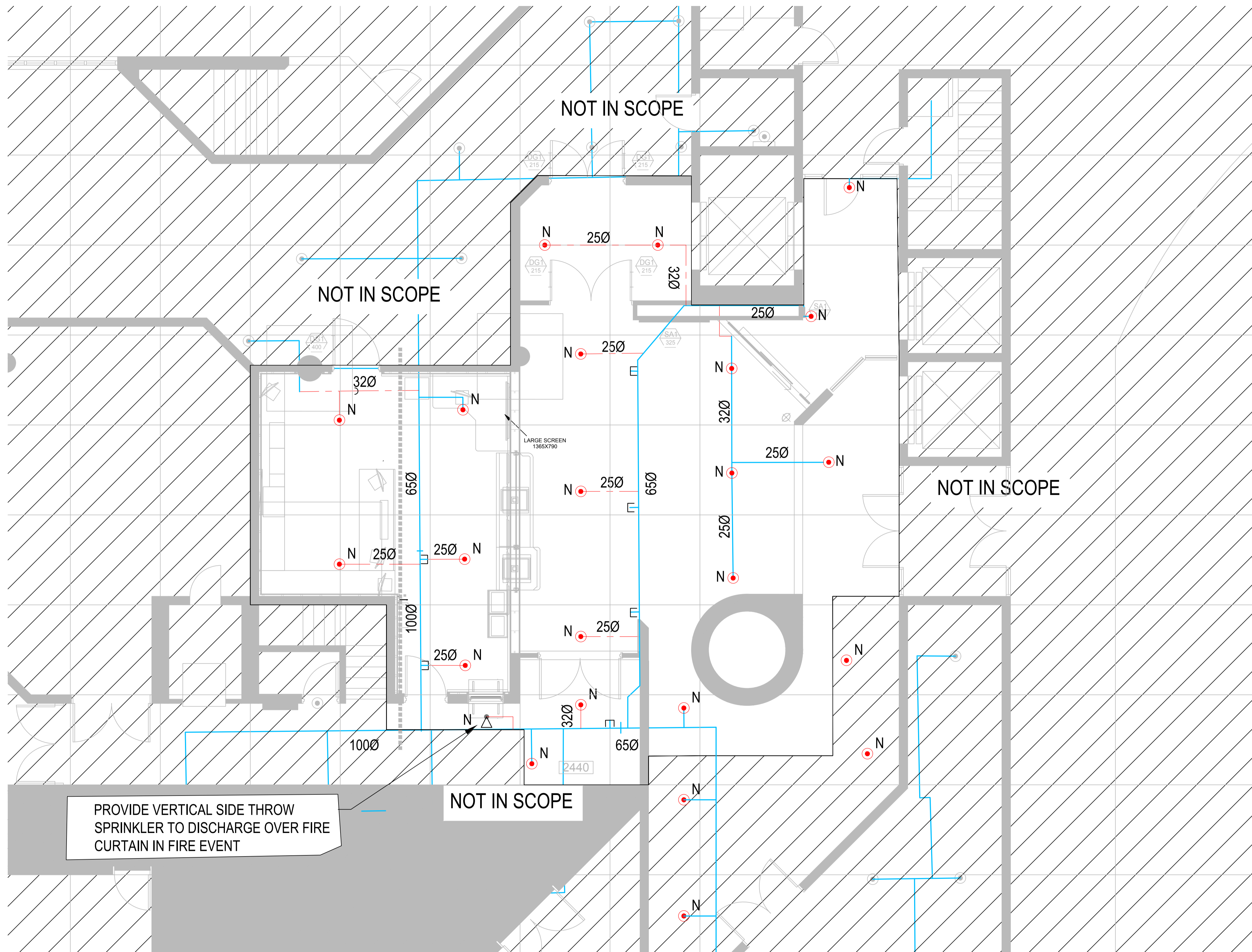
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Client	HIGH COURT OF AUSTRALIA
Project	SECURITY CONTROL ROOM RELOCATION
Title	FIRE SERVICES FIRE SPRINKLER DEMOLITION LAYOUT
Original Size	A1
Drawing No:	23-16518-F050

Rev: C

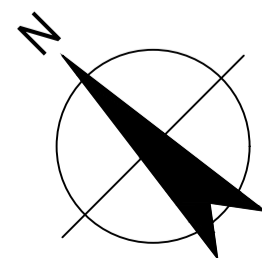
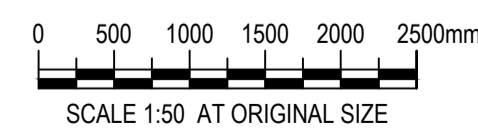
NOTES:

1. ALL NEW SPRINKLER PIPE WORK TO BE HARD PIPE ONLY AND MUST BE PAINTED WHITE TO MATCH EXISTING.
2. ALL NEW SPRINKLER HEADS TO BE FAST RESPONSE SPRINKLER HEADS.
3. ALL OLD SPRINKLER HEADS TO BE CHANGE TO FAST RESPONSE SPRINKLER HEADS.
4. EXISTING SPRINKLER PIPES NEEDS TO BE VERIFIED PRIOR TO CONSTRUCTION.



TENDER

D	RE-ISSUED FOR TENDER AS PER COMMENTS	ST	LG	TL	08.04.19	
C	RE-ISSUE FOR TENDER	ST	LG	TL	05.04.19	
B	ISSUE FOR TENDER	JC	LG*	TL*	21.03.19	
A	PRELIMINARY	JC	LG	TL	26.11.18	
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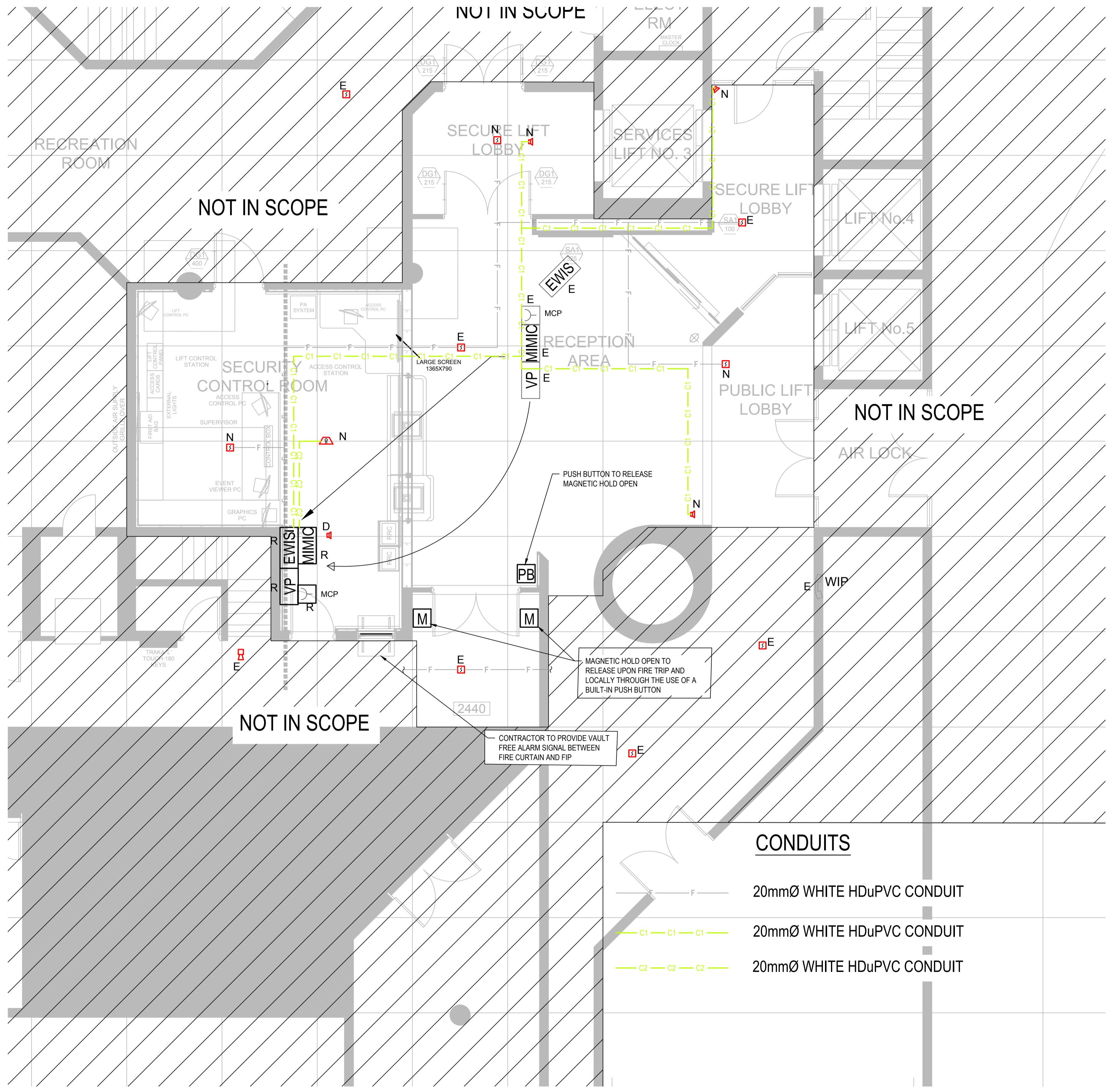
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Date	MARCH 2019		
Scale	1:50		

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Client **HIGH COURT OF AUSTRALIA**
 Project **SECURITY CONTROL ROOM RELOCATION**
 Title **FIRE SERVICES PROPOSED FIRE SPRINKLERS LAYOUT**

Original Size **A1** Drawing No: **23-16518-F100**

Rev: **D**



GENERAL NOTES:

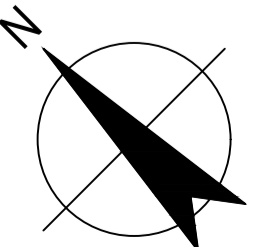
1. CONTRACTOR TO FIX ALL DETECTION AND EWIS CONDUIT TO UNDERSIDE OF CONCRETE SLAB.
2. CONTRACTOR TO RELOCATE CABLING PENETRATION TO NEW PANEL(S) LOCATION: REDUNDANT PENETRATION TO BE FILLED WITH CONCRETE.
3. CONTRACTOR TO ENSURE EWIS SPEAKERS TO BE SET AT NO LESS THAN 65dB AND SPEECH INTELLIGIBILITY IS ACHIEVED IN ALL AREAS.

CONDUITS

- F — 20mmØ WHITE HDuPVC CONDUIT
- C1 — C1 — C1 — 20mmØ WHITE HDuPVC CONDUIT
- C2 — C2 — C2 — 20mmØ WHITE HDuPVC CONDUIT

TENDER

E	RE-ISSUED FOR TENDER AS PER COMMENTS	ST	LG	TL	10.05.19	
D	RE-ISSUED FOR TENDER AS PER COMMENTS	ST	LG	TL	08.04.19	
C	RE-ISSUE FOR TENDER	ST	LG	TL	05.04.19	
B	ISSUE FOR TENDER	JC	LG*	TL*	21.03.19	
A	PRELIMINARY	JC	LG	TL	26.11.18	
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Project	SECURITY CONTROL ROOM RELOCATION		
Title	FIRE SERVICES PROPOSED FIRE DETECTION AND EWIS LAYOUT		
Original Size	A1	Drawing No:	23-16518-F200
		Rev:	E