NOTES

11. EXTENT OF WORKS

MODIFY THE EXISTING BRIGADE MONITORED AS1670.1 2024 COMPLIANT ADDRESSABLE FIRE DETECTION AND ALARM SYSTEM INCLUDING THE RELOCATION AND UPGRADING OF THE OF THE FIP TO ACCOMMODATE THE EXPANSION OF THE HOTEL AND THE NEW LAYOUT. THE FIRE ALARM SERVICES COMPONENT OF THE CONTRACT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
- SUPPLY AND INSTALLATION OF ALL COMPONENTS FORMING PART OF THE FIRE ALARM SYSTEM.
- CO-ORDINATION.
- INSPECTIONS.
- TESTING AND COMMISSIONING.
- MAINTENANCE.
- MAINTENANCE LOG BOOK.
- AS CONSTRUCTED DOCUMENTS INCLUDING DRAWINGS DETAILING THE LOOP PATH AND EACH COMPONENT ADDRESS.
- MAINTENANCE MANUAL.
- CABLING, CABLE SUPPORT SYSTEMS AND ACCESS.
- ADJUSTMENT TO THE BRIGADE CONNECTION.
- FIRE INDICATOR PANEL INCORPORATING THE FDCIE AND EWCIE RELOCATION AND UPGRADING.
- FIRE INDICATOR PANEL ZONE PLAN.
- DETECTORS.
- SPEAKERS AND HORNS.
- VISUAL ALARM.
- FAIL SAFE INTERFACE TO THE AUDIO VISUAL SYSTEMS TO SHUT DOWN UPON ALARM.
- KITCHEN EXHAUST HOOD CONTROL SYSTEMS.
- CABLING.
- CABLE ACCESS INCLUDING RISER DUCTS, UNDERGROUND TRENCHING AND CONDUITS.
- THE INSTALLATION INFORMATION NECESSARY TO ALLOW THE AS1670.1 DESIGNERS STATEMENT TO BE COMPLETED.
- THE EXISTING DETECTORS AND SPEAKERS THAT REMAIN ARE TO BE RECONNECTED.
- ALL EXISTING FIRE ALARM SERVICES MADE REDUNDANT BY THE WORKS ARE TO BE REMOVED.
- ALL MINOR COMPONENTS AND INCIDENTAL WORKS NOT SPECIFICALLY REFERRED TO, HOWEVER NECESSARY TO COMPLETE THE ELECTRICAL SERVICES INSTALLATION SUCH THAT IT IS HANDED OVER COMPLETE, OPERATIONAL AND FIT FOR THE INTENDED USE.

ALL COMPONENTS PROVIDED AS PART OF THE FIRE ALARM SYSTEM MUST BE GENERIC IN THAT THEY CAN BE EXPANDED UPON AND MAINTAINED BY ANY CONTRACTOR WHO HOLDS THE REQUIRED QBCC AND FIRE PROTECTION CONTRACTORS REGISTRATION BOARD OF QUEENSLAND INC REGISTRATIONS. ALL SUCH COMPONENTS MUST NOT BE LOCKED INTO A SINGLE MANUFACTURER OR LIMITED BY A LICENSING AGREEMENT.

ALL COMPONENTS PROVIDED AS PART OF THE FIRE ALARM SYSTEM MUST BE LISTED ON THE CSIRO.AU/ACTIVEFIRE WEB SITE AND BE PROVIDED WITH A CURRENT CERTIFICATE OF CONFORMITY. INCLUDE A COPY OF EACH CERTIFICATE OF CONFORMITY IN THE MANUAL.

ENSURE ALL AS1670.1:2018 WORKS ARE UNDERTAKEN BY, OR UNDER THE DIRECTION OF A SUITABLY QUALIFIED AND EXPERIENCED FIRE ALARM SYSTEM INSTALLER WHO HOLD THE REQUIRED QBCC AND FIRE PROTECTION CONTRACTORS REGISTRATION BOARD OF QUEENSLAND INC REGISTRATIONS. INCLUDE A COPY OF ALL THE ABOVE REGISTRATIONS AND LICENCES IN THE MANUAL

SUPPLY ALL LABOUR, MATERIALS, EQUIPMENT, AND ALL OTHER ITEMS, WHETHER MENTIONED IN DETAIL OR NOT, REQUIRED FOR THE SATISFACTORY COMPLETION OF THE ELECTRICAL SERVICES INSTALLATION, LEAVING IN FULL WORKING ORDER TO THE SATISFACTION OF THE PROJECT MANAGER.

ACCEPT FULL RESPONSIBILITY FOR LIASING, ARRANGING AND CO-ORDINATION OF ALL WORKS THAT HAVE AN EFFECT ON OR WILL BE AFFECTED BY THE FIRE ALARM SERVICES.

IRRESPECTIVE OF THE SERVICES DETAILED ON THE DRAWING, THE SYSTEM MUST BE COMPLIANT WITH AS1670.1:2024 AND THE REQUIREMENTS OF THE QUEENSLAND FIRE AND EMERGENCY SERVICES.

THE CONTRACTOR IS RESPONSIBLE FOR PAYING ANY CALL OUT FEES ISSUED BY QFD THAT ARE THE RESULT OF DEFECTIVE WORKS, CABLING, OR SYSTEM COMPONENTS.

ENSURE ALL AS1670.1:2024 WORKS ARE UNDERTAKEN BY, OR UNDER THE DIRECTION OF A SUITABLY QUALIFIED AND EXPERIENCED FIRE ALARM SYSTEM INSTALLER WHO HOLD THE REQUIRED QBCC AND FIRE PROTECTION CONTRACTORS REGISTRATION BOARD OF QUEENSLAND INC REGISTRATIONS. INCLUDE A COPY OF ALL THE ABOVE REGISTRATIONS AND LICENCES IN THE MANUAL.

PRIOR TO PRACTICAL COMPLETION CERTIFY THE INSTALLATION ON A FORM 16 AS COMPLYING WITH THE RELEVANT CODES AND STANDARDS AND INCLUDE A COPY OF THE CERTIFICATION IN THE MANUAL.

KITCHEN EXHAUST HOOD CONTROL SYSTEM

MODIFY THE EXISTING KITCHEN EXHAUST HOOD CONTROL SYSTEM TO REFLECT THE NEW KITCHEN LAYOUT SUCH THAT:
- CONTROLS THE GAS SUPPLY TO THE ASSOCIATED COOKING EQUIPMENT IN ACCORDANCE WITH AS5601 INCLUDING ISOLATING THE GAS SUPPLY WHEN THE KITCHEN EXHAUST FAN IS NOT RUNNING.
- CONTROLS THE OPERATION OF THE ASSOCIATED KITCHEN EXHAUST FAN INCLUDING SHUTTING DOWN THE FAN WHEN THE EXHAUST DUCT DETECTOR GOES INTO ALARM.
- ISOLATES THE ASSOCIATED GAS SUPPLY UPON OPERATION OF THE FIRE SUPPRESSION SYSTEM.
- PROVIDES AN ALARM SIGNAL TO THE FIP UPON OPERATION OF THE FIRE SUPPRESSION SYSTEM.
- ISOLATES THE ELECTRICITY TO THE ASSOCIATED ELECTRIC COOKING EQUIPMENT LOCATED UNDER THE EXHAUST HOOD UPON OPERATION OF THE FIRE SUPPRESSION SYSTEM.

REFER TO THE SCHEMATIC FOR THE CONFIGURATION ARRANGEMENT OF THE KITCHEN EXHAUST HOOD CONTROL SYSTEMS. CONFIRM THE POSITION OF ALL OF THE KITCHEN EXHAUST HOOD SYSTEM COMPONENTS ON SITE WITH THE OPERATOR AND THE FIRE SUPPRESSION CONTRACTOR.

AUDIO SHUTDOWN

PROVIDE THE AUDIO SYSTEM WITH A FAIL-SAFE OUTPUT FROM THE FDCIE TO THE ISOLATE THE AMPLIFIED AUDIO SERVICES VIA A FAIL SAFE SIGNAL UPON ALARM. PROVIDE EACH AUDIO SYSTEM WITH THE FACILITY TO MANUALLY RESET TO AUDIO FOLLOWING OPERATION OF THE ALARM SYSTEM. CONFIGURE THE AUDIO SHUTDOWN FACILITIES SUCH THAT THEY DO NOT AUTOMATICALLY RESET UPON CLEARING THE FIRE ALARM. THE INTERFACE IS TO BE AT A CONTROL LEVEL SUCH THAT RESETTING THE INTERFACE DOES NOT EXPOSE THE AV EQUIPMENT TO A FULL LOAD SURGE. CONFIRM THE TYPE OF AND NUMBER OF INTERFACES NECESSARY ON SITE.

PROVIDE THE INTERFACE RESET WITH A SCREW FIXED ENGRAVED LABEL WITH 5MM HIGH BLACK CAPITAL TEXT FIRE ALARM INTERFACE RESET . CONFIRM THE LOCATION OF THE INTERFACE RESETS ON SITE WITH THE OPERATOR IN BACK OF HOUSE POSITIONS THAT ARE OBVIOUS AND READILY ACCESSIBLE WITHOUT THE NEED TO REMOVE ANY OTHER ITEMS TO FACILITATE ACCESS.

NOTES

12. ABBREVIATIONS

A	–	AMP CURRENT RATING
AB	–	MOUNT ABOVE BENCH.
AFFL	–	ABOVE FINISHED FLOOR LEVEL.
BB	–	MOUNT BELOW BENCH.
BH	–	MOUNT ON BULKHEAD.
CEIL	–	MOUNT ON CEILING.
CS	–	MOUNT WITHIN CEILING SPACE.
C/W	–	COMPLETE WITH.
DW	–	DISHWASHER.
HP	–	HOT PLATE.
HWS	–	HOT WATER SYSTEM.
MCB	–	MINIATURE CIRCUIT BREAKER.
MSB	–	MAIN SWITCHBOARD.
MW	–	MICROWAVE.
N	–	NEON / LED INDICATOR WHEN ON.
NTS	–	NOT TO SCALE.
OV	–	OVEN.
QDC	–	QUEENSLAND DEVELOPMENT CODE.
RCBO	–	CIRCUIT BREAKER C/W AN INTEGRAL 30mA RESIDUAL CURRENT DEVICE.
RCD	–	CIRCUIT PROTECTED VIA A 30mA RESIDUAL CURRENT DEVICE.
REF	–	REFRIGERATOR.
UNO	–	UNLESS NOTED OTHERWISE.
WP	–	WEATHERPROOF TO IP56 UNO.
500	–	NUMBER DENOTES MOUNTING HEIGHT AFFL.

REV:	DESCRIPTION:	DATE:
A	PRELIMINARY	09/11/2026

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