

ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3460a - LONGREACH TAVERN, LONGREACH - THE BRANCH

C3460a-0001(B).xls

ELECTRICAL SERVICES CONTRACT DOCUMENT SCHEDULE

REVISION B - 30 JANUARY 2025

ISSUING INFORMATION		DATE OF ISSUE							
	DAY	25	30						
	MONTH	01	01						
	YEAR	25	25						
REASON FOR ISSUE		T	T						
A = APPROVAL C = CONSTRUCTION N = COORDINATION P = PRELIMINARY T = TENDER									

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DOCUMENTS		REVISION							
C3460a-E01.dwg	LEGEND & NOTES	A	B						
C3460a-E02.dwg	FLOOR PLAN	A	B						
C3460a-E03.dwg	FIRE ALARM SERVICES LEGEND & NOTES	A							
C3460a-0001.xls	CONTRACT DOCUMENT SCHEDULE	A	B						

NOTES

1. EXTENT OF WORKS

THE ELECTRICAL SERVICES SUB-CONTRACT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:

- SUPPLY AND INSTALLATION OF ALL COMPONENTS FORMING PART OF THE ELECTRICAL SERVICES.
- CO-ORDINATION.
- INSPECTIONS.
- TESTING AND COMMISSIONING.
- MAINTENANCE.
- CABLING, CABLE SUPPORT SYSTEMS AND ACCESS.
- POWER DISTRIBUTION.
- LIGHTING.
- CABLE ACCESS.
- REMOVE / RELOCATE ALL EXISTING ELECTRICAL SERVICES AS NECESSARY TO FACILITATE THE INSTALLATION OF THE TWO NEW AUTO DOORS. - 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.

PRIOR TO COMMENCING WORK CONSULT SITE MANAGEMENT FOR ANY HAZARDOUS MATERIAL AND OR ASBESTOS REGISTERS AS WELL AS UNDERTAKE A THOROUGH INSPECTION OF THE SITE TO IDENTIFY ANY POTENTIAL HAZARDOUS MATERIALS, ASBESTOS AND HEALTH OR SAFETY RISKS. ADVISE THE CONTRACTOR OF ANY POTENTIAL HAZARDOUS MATERIALS, ASBESTOS AND HEALTH OR SAFETY RISKS IF IDENTIFIED AND DO NOT COMMENCE WORK UNTIL AN APPROPRIATE MANAGEMENT PLAN HAS BEEN DEVELOPED AND AGREED TO BY ALL PARTIES.

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 ALL WORKS THAT HAVE AN EFFECT ON OR WILL BE AFFECTED BY THE ELECTRICAL SERVICES.

REMOVE ALL OF THE EXISTING ELECTRICAL SERVICES THAT BECOME REDUNDANT DUE TO THE WORKS.

2. WORKMANSHIP

ENSURE THAT THE WORK IS PERFORMED BY THE HOLDER OF A CURRENT ELECTRICAL SUB CONTRACTOR LICENSE. ENSURE THE INSTALLATION AND ALL COMPONENTS, FIXTURES, FITTINGS, OUTLETS AND CABLES ARE SUPPLIED AND INSTALLED TO A HIGH STANDARD THROUGHOUT, AND INSTALLED IN A NEAT AND TRADESMAN LIKE MANNER, TO THE CURRENT INDUSTRY STANDARDS. ENSURE ALL MATERIALS AND COMPONENTS OF A SIMILAR TYPE ARE OF THE SAME MANUFACTURER AND INSTALLED IN A UNIFORM MANNER.

IT IS THE ELECTRICAL SUB CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE INSTALLATION IS FIT FOR PURPOSE AND IS PROVIDED AS A COMPLETE WORKING INSTALLATION. IT IS THE ELECTRICAL SUB CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL COMPONENTS, FITTINGS, FIXTURES, SYSTEMS, PROGRAMMING ETC IRRESPECTIVE OF THE LEVEL DETAILED IN THE DOCUMENTS SUCH THAT THE INSTALLATION IS PROVIDED AS A COMPLETE WORKING INSTALLATION.

CONCEAL ALL WIRING AND CONDUITS. EXPOSED CABLING OR CONDUITS ARE GENERALLY NOT ACCEPTABLE. IT IS NOTED THAT CHASING AND REINSTATEMENT WILL BE REQUIRED. ENSURE ALL COMPONENTS, EQUIPMENT AND MATERIALS SUPPLIED ARE NEW, UNUSED, DESIGNED AND SELECTED TO ENSURE SATISFACTORY OPERATION UNDER VARYING ATMOSPHERIC, CLIMATIC, HUMID TROPICAL CONDITIONS WITHOUT DISTORTION AND DETERIORATION IN ANY PART AFFECTING EFFICIENCY AND RELIABILITY OF THE SYSTEMS. DESIGN AND SELECT ALL EQUIPMENT TO PROVIDE THE NECESSARY SAFETY TO HUMAN LIFE AND PROPERTY DURING OPERATION AND MAINTENANCE WITH PARTICULAR ATTENTION GIVEN TO ELECTRICAL SAFETY AND SEGREGATION PRECAUTIONS.

CHECK THE FINISHED PAINTWORK AROUND THE AREA OF EACH INSTALLATION AND TOUCH UP ALL DAMAGED PARTS AND FINISHES AFTER THE INSTALLATION OF THE ELECTRICAL SERVICES.

ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE BUILDER'S PROGRAM. ENSURE ALL FINAL LOCATIONS OF OUTLETS AND FITTINGS ARE CO-ORDINATED ONSITE WITH THE ARCHITECT AND ALL OTHER SERVICES, TO THE APPROVAL OF THE PROJECT MANAGER. ALLOW TO CO-ORDINATE THE FINAL LOCATION OF ALL EQUIPMENT, FITTINGS, & OUTLETS, SUCH THAT THEY ARE INSTALLED IN ACCORDANCE WITH THE AS3000 RESTRICTED ZONES, AND ARE NOT COVERED INAPPROPRIATELY.

ENSURE THAT ALL METAL SURFACES ARE SUITABLY PROTECTED AGAINST CORROSION, AND THAT ALL PLASTIC MATERIALS ARE UV STABILISED.

PROVIDE ALL MATERIALS AS NEW, AND OF THE HIGHEST CLASS AVAILABLE FOR THEIR RESPECTIVE TYPES. ENSURE ALL ASPECTS OF THE WORK ARE OF A HIGH STANDARD THROUGHOUT, AND INSTALLED IN A NEAT AND TRADESMAN LIKE MANNER, TO THE CURRENT INDUSTRY STANDARDS.

3. STANDARDS

IRRESPECTIVE OF INFORMATION CONTAINED IN THE ELECTRICAL SERVICES DOCUMENTS OR IN INSTRUCTIONS, IT IS THE ELECTRICAL SUB CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL ELECTRICAL SERVICES WORKS ARE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FOLLOWING. REFER ANY DISCREPANCIES BETWEEN THE REQUIREMENTS OF THE FOLLOWING AND/OR THE ELECTRICAL SERVICES DOCUMENTS AND INSTRUCTIONS TO THE ARCHITECT FOR CLARIFICATION PRIOR TO THE PLACING OF ORDERS, FABRICATION OR INSTALLATION OF THE ITEMS/METHODS IN DISCREPANCY.

- NCC BUILDING CODE OF AUSTRALIA.
- ELECTRICITY ACT.
- ELECTRICAL SAFETY ACT.
- AS/NZS3000.
- AS3008.
- AS1670.
- WORKPLACE HEALTH AND SAFETY ACT.
- TELECOMMUNICATIONS ACT.
- ACMA REQUIREMENTS.

4. AUTHORITIES

ENSURE ALL OF THE ELECTRICAL SERVICES COMPLY WITH THE REQUIREMENTS OF ALL REGULATORY AUTHORITIES HAVING JURISDICTION OVER THE SITE INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- ACMA.
- LOCAL COUNCIL.
- LOCAL SUPPLY AUTHORITY.
- STATE GOVERNMENT DEPARTMENT OF ENVIRONMENT AND HERITAGE.
- QLD GOVERNMENT, DIVISION OF WORKPLACE, HEALTH AND SAFETY.
- QLD FIRE AND RESCUE AUTHORITY.

5. CABLES

UNLESS OTHERWISE SPECIFIED, INSTALL AND TERMINATE CABLES IN ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS. DETERMINE THE FINAL ROUTES TO SUIT THE BUILDING STRUCTURE AND SITE CONDITIONS. UNLESS NOTED OTHERWISE, PROVIDE ALL 240 VOLT POWER AND LIGHTING WIRING AS 2.5mm² TWIN & EARTH STRANDED COPPER CONDUCTORS, PVC INSULATED 0.6/1kV V75 GRADE TO AS3174, PROTECTED BY A 20 AMP CIRCUIT BREAKER. ALL CONDUIT AND FITTINGS TO BE RIGID UPVC TO AS2053, UNLESS NOTED OTHERWISE.

NOTES

6. EXHAUST FANS

PROVIDE BRANCH UPPER LEVEL KITCHEN AND BATHROOM WITH EXHAUST FANS TO ALLOW THE USER TO MANUALLY EXHAUST ANY STEAM, FUMES AND SMOKE GENERATED IN THE KITCHEN TO AVOID GENERATING AN UNWANTED ALARM. PROVIDE THE EXHAUST FANS WITH THE FOLLOWING:

- SIZE THE KITCHEN EXHAUST FAN TO EXHAUST THE ENTIRE VOLUME OF AIR CONDITIONED WITHIN THE KITCHENS SMOKE RESERVOIR EVERY TEN SECONDS.
- SIZE THE BATHROOM / SHOWER EXHAUST FAN TO EXHAUST THE ENTIRE VOLUME OF THE BATHROOM EVERY TWENTY SECONDS.
- INCLUDE ALL BUILDER WORKS INCLUDING PENETRATIONS AND SUPPORTS AS NECESSARY TO INSTALL THE EXHAUST FANS.
- PROVIDE AN EXTERNAL COVER TO THE EXHAUST SYSTEM THAT IS VERMIN AND WEATHER PROOF COLOURED TO MATCH THE EXISTING ADJACENT EXTERNAL FINISH COLOUR. ENSURE THE EXTERNAL COVER IS UV STABILISED AND CORROSION RESISTANT. THE COVER IS TO BE TRUE AND SQUARE WITH THE ADJACENT BUILDING FEATURES.
- SEAL / FLASH THE EXTERNAL PENETRATION SUCH THAT IT IS WEATHER PROOF TO THE SAME LEVEL AS THE EXISTING SURFACE.
- PROVIDE AN INTERNAL COVER TO THE EXHAUST SYSTEM THAT IS VISUALLY APPROPRIATE FOR THE LOCATION AND MATCHES THE EXISTING ADJACENT EXTERNAL FINISH COLOUR. THE COVER IS TO BE TRUE AND SQUARE WITH THE ADJACENT BUILDING FEATURES.
- PROVIDE THE EXHAUST FANS WITH A CONCEALED POWER SUPPLY FROM THE LOCAL GPO CIRCUIT.
- CONTROL EACH EXHAUST FAN FROM A MANUAL SWITCH LOCATED IN A READILY ACCESSIBLE POSITION WITHIN THE ROOM BEING EXHAUSTED BY THE FAN. ENGRAVE THE SWITCH FACEPLATE WITH 5MM HIGH BLACK CAPITAL TEXT "SMOKE EXHAUST FAN" SUBMIT DETAILS OF THE EXTERNAL COVER, INTERNAL COVER AND FAN FOR APPROVAL.

LEGEND

- L1**  L1: EXISTING BRANCH EXTERNAL WALL LIGHT TO REMAIN AS IS.
- L2**  L2: PROVIDE THE L2 AS A NEW EXTERNAL WALL LIGHT TO MATCH THE EXISTING L1 FITTING INCLUDING STYLE, COLOUR MOUNTING HEIGHT AND COLOUR TEMPERATURE. UTILISE THE EXISTING LONGREACH TAVERN EXTERNAL LIGHTING BEER GARDEN CIRCUIT TO SUPPLY THE NEW L2 FITTINGS. ENSURE ALL CABLING AND CONDUITS TO THE L2 FITTINGS IS CONCEALED.
- L3**  L3: PROVIDE THE L3 AS A NEW EXTERNAL WALL LIGHT TO MATCH THE EXISTING L1 FITTING INCLUDING STYLE, COLOUR MOUNTING HEIGHT AND COLOUR TEMPERATURE. UTILISE THE EXISTING STORE EXTERNAL LIGHTING CIRCUIT TO SUPPLY THE NEW L3 FITTINGS. ENSURE ALL CABLING AND CONDUITS TO THE L3 FITTINGS IS CONCEALED.
- L4**  L4: RELOCATE THE EXISTING BRANCH L4 EXTERNAL WALL LIGHT AND FEATURE PANEL TO ACCOMMODATE THE NEW DOOR WAY. UTILISE THE EXISTING CIRCUIT. ENSURE ALL CABLING AND CONDUITS TO THE RELOCATED L4 FITTINGS IS CONCEALED.
- L5**  L5: NOT USED.
- L6**  L6: REMOVE THE EXISTING TROFFER LIGHTS AND REPLACE THE MISSING CEILING TILE WITH A NEW TILE TO MATCH THE EXISTING CEILING TILES.
- L7**  L7: PROVIDE THE L7 FITTINGS AS NEW RECESSED 8W WARM WHITE LED DOWNLIGHT EQUAL TO M-ELEC ML-MRA-8W. UTILISE THE EXISTING LIGHTING CIRCUIT WITH IN THE ASSOCIATED SPACE TO SUPPLY / CONTROL THE NEW L7 FITTINGS.
- E1**  E1: PROVIDE THE E1 FITTING AS AN AS2293.1 NON MAINTAINED SINGLE POINT EMERGENCY LIGHT SUPPLIED VIA THE EXISTING BRANCH EMERGENCY LIGHTING UNSWITCHED ACTIVE. LABEL THE E1 FITTING AND UPDATE THE EMERGENCY LIGHT LOG BOOK ACCORDINGLY.
- EX**  EX: PROVIDE THE EX FITTING AS AN AS2293 MAINTAINED SURFACE MOUNTED EXIT LIGHT, TYPE TO MATCH THE EXISTING BRANCH EXIT LIGHTS.
- EX**  WALL MOUNTED MANUALLY CONTROLLED EXHAUST FAN AS PER THE NOTES.
- AD**  PROVIDE THE AD POWER OUTLET AS A 10 AMP POWER OUTLET MOUNTED WITHIN THE AUTO DOOR HEAD SUCH THAT THE AUTO DOOR CABLING IS CONCEALED. UTILISE AND EXISTING POWER CIRCUIT WITHIN THE ASSOCIATED SPACE TO SUPPLY THE AUTO DOOR POWER OUTLET.
- Ø**  PROVIDE A 10 AMP POWER SUPPLY WITHIN THE TAVERN CEILING SPACE FOR AN ILLUMINATED SIGN. CIRCUIT / CONTROL THE SUPPLY WITH EXISTING LIGHTING CIRCUIT WITH IN THE ASSOCIATED SPACE.
- GV2**  PROVIDE A 10 AMP POWER SUPPLY TO THE GAS SOLENOID UTILISING THE EXISTING KITCHEN GPO CIRCUIT. COORDINATE THE LOCATION AND TYPE OF THE POWER SUPPLY WITH THE GAS SUB CONTRACTOR.
- OSG 1000V PLUS 2**  PROVIDE A 10 AMP POWER SUPPLY TO THE KITCHEN EXHAUST CONTROL SYSTEM UTILISING THE EXISTING KITCHEN GPO CIRCUIT. COORDINATE THE LOCATION AND TYPE OF THE POWER SUPPLY WITH THE FIRE SERVICES CONTRACTOR.
- CABLE ACCESS DUCT**  PROVIDE THE CABLE ACCESS DUCT AS A TWO 50 X 50 CHANNEL SELF SUPPORTING WEATHERPROOF BLACK ALUMINIUM ACCESS DUCT LOCATED AT HIGH LEVEL TO PROVIDE FIRE CABLING AND FUTURE COMMUNICATIONS CABLING ACCESS FROM THE LONGREACH TAVERN CEILING SPACE TO THE BRANCH CEILING SPACE. CONFIRM THE POSITION OF THE ACCESS DUCT ON SITE WITH THE PROJECT MANAGER.

B	TENDER	30/01/2025
REV:	DESCRIPTION:	DATE:

DRAWING:
**ELECTRICAL SERVICES
LEGEND & NOTES**

SCALE: NOT TO SCALE AT A1	PROJECT NO: C3460a	DRAWING NO: E01	REVISION: B
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PTY LTD
ACN 092 710 793

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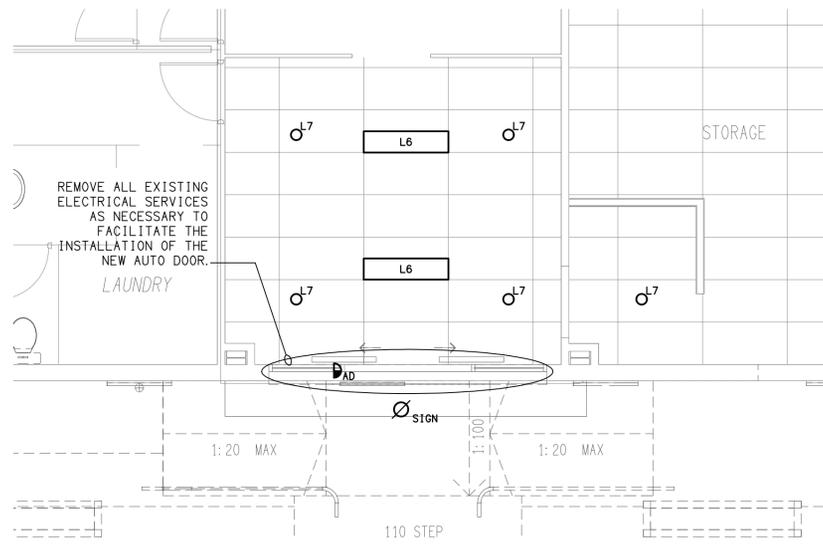
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ELECTRICAL DESIGN GROUP
ELECTRICAL BUILDING SERVICES CONSULTANTS
BRISBANE GOLD COAST

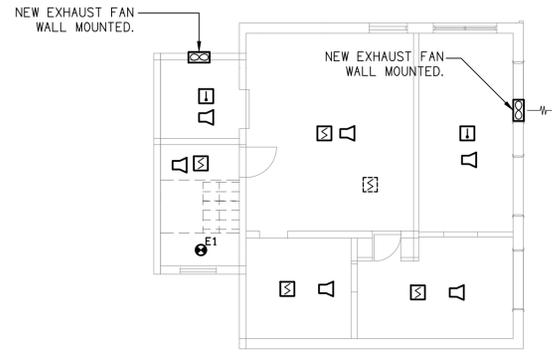
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PROJECT:
**LONGREACH TAVERN, LONGREACH
THE BRANCH**

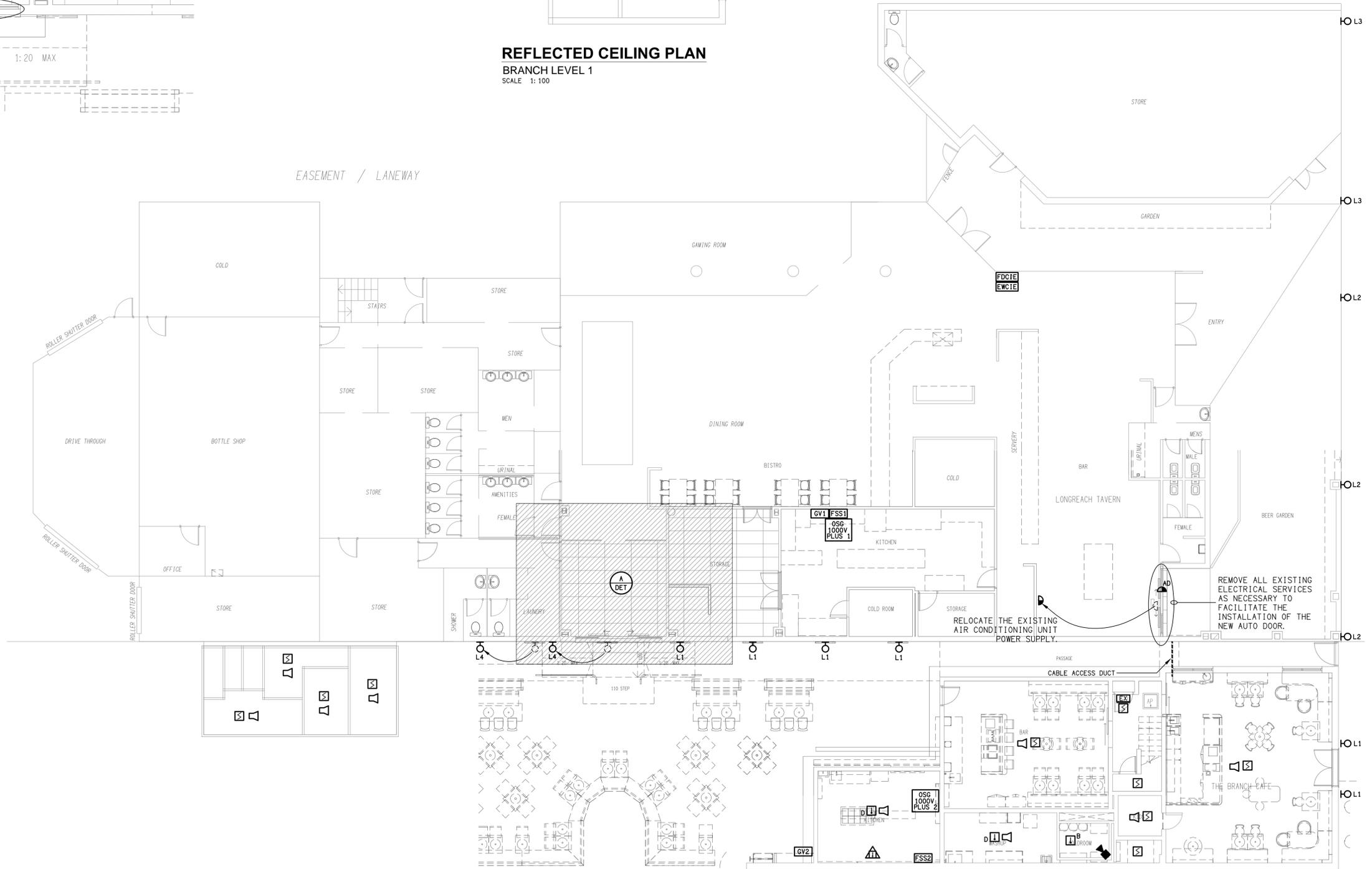
103 EAGLE STREET, LONGREACH, QUEENSLAND



DETAIL A
REFLECTED CEILING PLAN
SCALE 1:50



REFLECTED CEILING PLAN
BRANCH LEVEL 1
SCALE 1:100



REFLECTED CEILING PLAN
GROUND LEVEL
SCALE 1:100

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PROJECT:
**LONGREACH TAVERN, LONGREACH
THE BRANCH**

103 EAGLE STREET, LONGREACH, QUEENSLAND

B	TENDER	30/01/2025
REV:	DESCRIPTION:	DATE:

DRAWING:
**ELECTRICAL SERVICES
FLOOR PLAN**

SCALE:
1:100

AT A1

PROJECT NO:
C3460a

DRAWING NO:
E02

REVISION:
B

FIRE ALARM SYSTEM LEGEND

FDCIE	EXISTING LONGREACH TAVERN FIRE DETECTION CIE TO BE UPGRADED TO ACCOMMODATE THE ADJACENT BRANCH SITE. THIS INCLUDES THE ZONE PLAN.
EWICIE	EMERGENCY WARNING CIE TO BE UPGRADED TO ACCOMMODATE THE ADJACENT BRANCH SITE.
FIP	EXISTING LONGREACH TAVERN FIRE INDICATOR PANEL INCORPORATING THE FDCIE AND EWICIE TO BE UPGRADED TO ACCOMMODATE THE ADJACENT BRANCH SITE.
S	AS16701.2024 SURFACE MOUNTED WHITE SMOKE DETECTOR TO MATCH THE EXISTING TYPE USED IN THE LONGREACH TAVERN.
S	AS16701.2024 CONCEALED SMOKE DETECTOR TO MATCH THE EXISTING TYPE USED IN THE LONGREACH TAVERN.
T	AS16701.2024 SURFACE MOUNTED WHITE THERMAL DETECTOR TO MATCH THE EXISTING TYPE USED IN THE LONGREACH TAVERN.
B T	AS16701.2024 SURFACE MOUNTED SEALED TYPE B WHITE THERMAL DETECTOR TO MATCH THE EXISTING TYPE USED IN THE LONGREACH TAVERN.
D T	AS16701.2024 SURFACE MOUNTED TYPE D WHITE THERMAL DETECTOR TO MATCH THE EXISTING TYPE USED IN THE LONGREACH TAVERN.
A	AS16701.2024 AIR DUCT MOUNTED TYPE E THERMAL DETECTOR TO MATCH THE EXISTING TYPE USED IN THE LONGREACH TAVERN.
W	EVACUATION RECESSED CONE SPEAKER C.E WHITE GRILL TO MATCH THE EXISTING TYPE USED IN THE LONGREACH TAVERN.
H	EVACUATION HORN SPEAKER TO MATCH THE EXISTING TYPE USED IN THE LONGREACH TAVERN.
FSS1	EXISTING LONGREACH TAVERN FIRE SUPPRESSION SYSTEM INTERFACE TO REMAIN AS IS.
GV1	EXISTING LONGREACH TAVERN GAS VALVE ASSEMBLY TO REMAIN AS IS.
OSG 1000V PLUS 1	EXISTING LONGREACH TAVERN KITCHEN EXHAUST HOOD CONTROL SYSTEM TO REMAIN AS IS.
C1	NEW BRANCH 32 AMP 3 PHASE AC3 CONTACTOR TO BE LOCATED IN THE COOKING EQUIPMENT ISOLATION ENCLOSURE TO CONTROL THE EXISTING BRANCH COMBI OVEN POWER SUPPLY AND THE BRANCH KITCHEN EXHAUST HOOD CANOPY EXHAUST FAN. THE POWER IS TO BE ISOLATED UPON AN ALARM FROM THE FIP OR OPERATION OF THE FIRE SUPPRESSION SYSTEM FSS2.
R1	NEW BRANCH CONTROL RELAY 1 TO BE LOCATED IN THE COOKING EQUIPMENT ISOLATION ENCLOSURE TO INTERFACE THE CONTROLLER TO THE ELECTRIC COOKING EQUIPMENT CONTACTOR C1.
R2	NEW BRANCH CONTROL RELAY 2 TO BE LOCATED IN THE GAS SHUTDOWN IO ENCLOSURE TO INTERFACE THE FIP ALARM OUTPUT TO THE BRANCH CONTROLLER.
R3	NEW BRANCH CONTROL RELAY 3 TO BE LOCATED IN THE GAS SHUTDOWN IO ENCLOSURE TO INTERFACE THE FIP ALARM INPUT FROM THE FIRE SUPPRESSION SYSTEM FSS2.
APS2	NEW BRANCH AIR PRESSURE SWITCH. ALL CONTROLS OSG APS AIR PRESSURE DIFFERENTIAL SWITCH MOUNTED WITHIN THE KITCHEN EXHAUST HOOD EXHAUST DUCT.
OSG 1000V PLUS 2	NEW BRANCH KITCHEN EXHAUST HOOD CONTROLLER. ALL CONTROLS OSG MERLIN 1000V PLUS WALL MOUNTED GAS AND ELECTRIC ISOLATION CONTROLLER C/W VENTILATION INTERLOCKING AND GAS PROVING.
FSS2	NEW BRANCH FIRE SUPPRESSION SYSTEM. CONNECT THE MECHANICAL CONTACTS IN THE FIRE SUPPRESSION SYSTEM TO THE FIP AND THE CONTROLLER SUCH THAT THE OPERATION OF THE FIRE SUPPRESSION SYSTEM FSS1 GENERATES AN ALARM IN THE FIP AND ISOLATES THE GAS SUPPLY.
GV2	NEW BRANCH EXTERNAL IP RATED GAS VALVE ASSEMBLY. GAS VALVE ASSEMBLY ALL CONTROLS OSG GVTJ500MM GAS VALVE TRANSDUCER JUNCTION BOX TO BE MOUNTED IN LINE WITH THE GAS SUPPLY TO THE ASSOCIATED HOODS COOKING EQUIPMENT. THE SYSTEM IS TO BE PROVIDED AS A PRE-ASSEMBLED UNIT INCLUDING: - OSG GSV50-240 50MM 230 VAC GAS SOLENOID VALVE C/W TEST POINTS. - TWO 50MM F/F ISOLATING BALL VALVES. - TWO 50MM M/F GAS UNIONS. - TWO 50MM NIPPLES. - IP54 JUNCTION BOX. - 1000MM LONG ELECTRICAL CONNECTION C/W 6 PIN CONNECTOR BETWEEN THE JUNCTION BOX AND THE SOLENOID VALVE / PRESSURE TRANSDUCER. MOUNT THE JUNCTION BOX ADJACENT THE SOLENOID WITH THE CABLE LENGTH SHORTENED WHERE PRACTICAL. PROVIDE THE GAS VALVE ASSEMBLY TO THE GAS SUB-CONTRACTOR TO INSTALL.

FIRE ALARM SYSTEM NOTES

1. EXTENT OF WORKS

THE FIRE ALARM SERVICES INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
 - SUPPLY AND INSTALLATION OF ALL COMPONENTS FORMING PART OF THE FIRE ALARM SERVICES.
 - CO-ORDINATION.
 - INSPECTIONS.
 - TESTING AND COMMISSIONING.
 - MAINTENANCE.
 - CABLING, CABLE SUPPORT SYSTEMS AND ACCESS.
 - EXPANDING THE EXISTING BRIGADE MONITORED LONGREACH TAVERN AS1670.1 ADDRESSABLE FIRE ALARM SYSTEM INTO THE ADJACENT BRANCH SITE.
 - ALL MINOR COMPONENTS AND INCIDENTAL WORKS NOT SPECIFICALLY REFERRED TO, HOWEVER NECESSARY TO COMPLETE THE FIRE ALARM SERVICES INSTALLATION SUCH THAT IT IS HANDED OVER COMPLETE, OPERATIONAL AND FIT FOR THE INTENDED USE.

PRIOR TO COMMENCING WORK CONSULT SITE MANAGEMENT FOR ANY HAZARDOUS MATERIAL AND OR ASBESTOS REGISTERS AS WELL AS UNDERTAKE A THOROUGH INSPECTION OF THE SITE TO IDENTIFY ANY POTENTIAL HAZARDOUS MATERIALS, ASBESTOS AND HEALTH OR SAFETY RISKS. ADVISE THE CONTRACTOR OF ANY POTENTIAL HAZARDOUS MATERIALS, ASBESTOS AND HEALTH OR SAFETY RISKS IF IDENTIFIED AND DO NOT COMMENCE WORK UNTIL AN APPROPRIATE MANAGEMENT PLAN HAS BEEN DEVELOPED AND AGREED TO BY ALL PARTIES.

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 ALL WORKS THAT HAVE AN EFFECT ON OR WILL BE AFFECTED BY THE FIRE ALARM.

REMOVE ALL OF THE EXISTING SMOKE ALARMS WITHIN THE BRANCH SITE.

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.

PROVIDE THE AS CONSTRUCTED AND COMMISSIONING INFORMATION TO ALLOW THE AS1670.1 DESIGNERS STATEMENT TO BE COMPLETED.

THE BRANCH SERVICES ARE TO BE ON DEDICATED LOOPS / ZONES FROM THE LONGREACH TAVERN SERVICES

2. WORKMANSHIP

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 QFES 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. ENSURE ALL 240-VOLT WORKS ARE UNDERTAKEN BY AN ELECTRICIAN WITH AN ELECTRICAL SUB CONTRACTOR'S LICENCE. ENSURE THE INSTALLATION AND ALL COMPONENTS, FIXTURES, FITTINGS, OUTLETS AND CABLES ARE SUPPLIED AND INSTALLED TO A HIGH STANDARD THROUGHOUT, AND INSTALLED IN A NEAT AND TRADESMAN LIKE MANNER, TO THE CURRENT INDUSTRY STANDARDS. ENSURE ALL MATERIALS AND COMPONENTS OF A SIMILAR TYPE ARE OF THE SAME MANUFACTURER AND INSTALLED IN A UNIFORM MANNER.

IT IS THE FIRE ALARM CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE FIRE ALARM INSTALLATION IS FIT FOR PURPOSE AND IS PROVIDED AS A COMPLETE WORKING INSTALLATION. IT IS THE FIRE ALARM CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL COMPONENTS, FITTINGS, FIXTURES, SYSTEMS, PROGRAMMING ETC IRRESPECTIVE OF THE LEVEL DETAILED IN THE DOCUMENTS SUCH THAT THE INSTALLATION IS PROVIDED AS A COMPLETE WORKING INSTALLATION.

CONCEAL ALL WIRING AND CONDUITS. EXPOSED CABLING OR CONDUITS ARE GENERALLY NOT ACCEPTABLE. IT IS NOTED THAT CHASING AND REINSTATEMENT WILL BE REQUIRED. ENSURE ALL COMPONENTS, EQUIPMENT AND MATERIALS SUPPLIED ARE NEW, UNUSED, DESIGNED AND SELECTED TO ENSURE SATISFACTORY OPERATION UNDER VARYING ATMOSPHERIC, CLIMATIC, HUMID TROPICAL CONDITIONS WITHOUT DISTORTION AND DETERIORATION IN ANY PART AFFECTING EFFICIENCY AND RELIABILITY OF THE SYSTEMS. DESIGN AND SELECT ALL EQUIPMENT TO PROVIDE THE NECESSARY SAFETY TO HUMAN LIFE AND PROPERTY DURING OPERATION AND MAINTENANCE WITH PARTICULAR ATTENTION GIVEN TO ELECTRICAL SAFETY AND SEGREGATION PRECAUTIONS.

CHECK THE FINISHED PAINTWORK AROUND THE AREA OF EACH INSTALLATION AND TOUCH UP ALL DAMAGED PARTS AND FINISHES AFTER THE INSTALLATION OF THE FIRE ALARM SERVICES.

ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE BUILDER'S PROGRAM. ENSURE ALL FINAL LOCATIONS OF OUTLETS AND FITTINGS ARE CO-ORDINATED ON SITE WITH THE ARCHITECT AND ALL OTHER SERVICES, TO THE APPROVAL OF THE PROJECT MANAGER. ALLOW TO CO-ORDINATE THE FINAL LOCATION OF ALL EQUIPMENT, FITTINGS, & OUTLETS, SUCH THAT THEY ARE INSTALLED IN ACCORDANCE WITH THE AS1670.1, AS3000 RESTRICTED ZONES, AND ARE NOT COVERED INAPPROPRIATELY.

ENSURE THAT ALL METAL SURFACES ARE SUITABLY PROTECTED AGAINST CORROSION, AND THAT ALL PLASTIC MATERIALS ARE UV STABILISED.

PROVIDE ALL MATERIALS AS NEW, AND OF THE HIGHEST CLASS AVAILABLE FOR THEIR RESPECTIVE TYPES. ENSURE ALL ASPECTS OF THE WORK ARE OF A HIGH STANDARD THROUGHOUT, AND INSTALLED IN A NEAT AND TRADESMAN LIKE MANNER, TO THE CURRENT INDUSTRY STANDARDS.

3. STANDARDS

IRRESPECTIVE OF INFORMATION CONTAINED IN THE ELECTRICAL SERVICES DOCUMENTS OR IN INSTRUCTIONS, IT IS THE ELECTRICAL SUB CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL ELECTRICAL SERVICES WORKS ARE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FOLLOWING. REFER ANY DISCREPANCIES BETWEEN THE REQUIREMENTS OF THE FOLLOWING AND/OR THE ELECTRICAL SERVICES DOCUMENTS AND INSTRUCTIONS TO THE ARCHITECT FOR CLARIFICATION PRIOR TO THE PLACING OF ORDERS, FABRICATION OR INSTALLATION OF THE ITEMS/METHODS IN DISCREPANCY.
 - NCC BUILDING CODE OF AUSTRALIA.
 - ELECTRICITY ACT.
 - ELECTRICAL SAFETY ACT.
 - AS/NZS3000.
 - AS3008.
 - AS1670.1 2024.
 - WORKPLACE HEALTH AND SAFETY ACT.
 - TELECOMMUNICATIONS ACT.
 - ACMA REQUIREMENTS.

4. AUTHORITIES

ENSURE ALL OF THE ELECTRICAL SERVICES COMPLY WITH THE REQUIREMENTS OF ALL REGULATORY AUTHORITIES HAVING JURISDICTION OVER THE SITE INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - ACMA.
 - LOCAL COUNCIL.
 - LOCAL SUPPLY AUTHORITY.
 - STATE GOVERNMENT DEPARTMENT OF ENVIRONMENT AND HERITAGE.
 - QLD GOVERNMENT, DIVISION OF WORKPLACE, HEALTH AND SAFETY.
 - QLD FIRE AND RESCUE AUTHORITY.

FIRE ALARM SYSTEM NOTES

5. AV SHUTDOWN

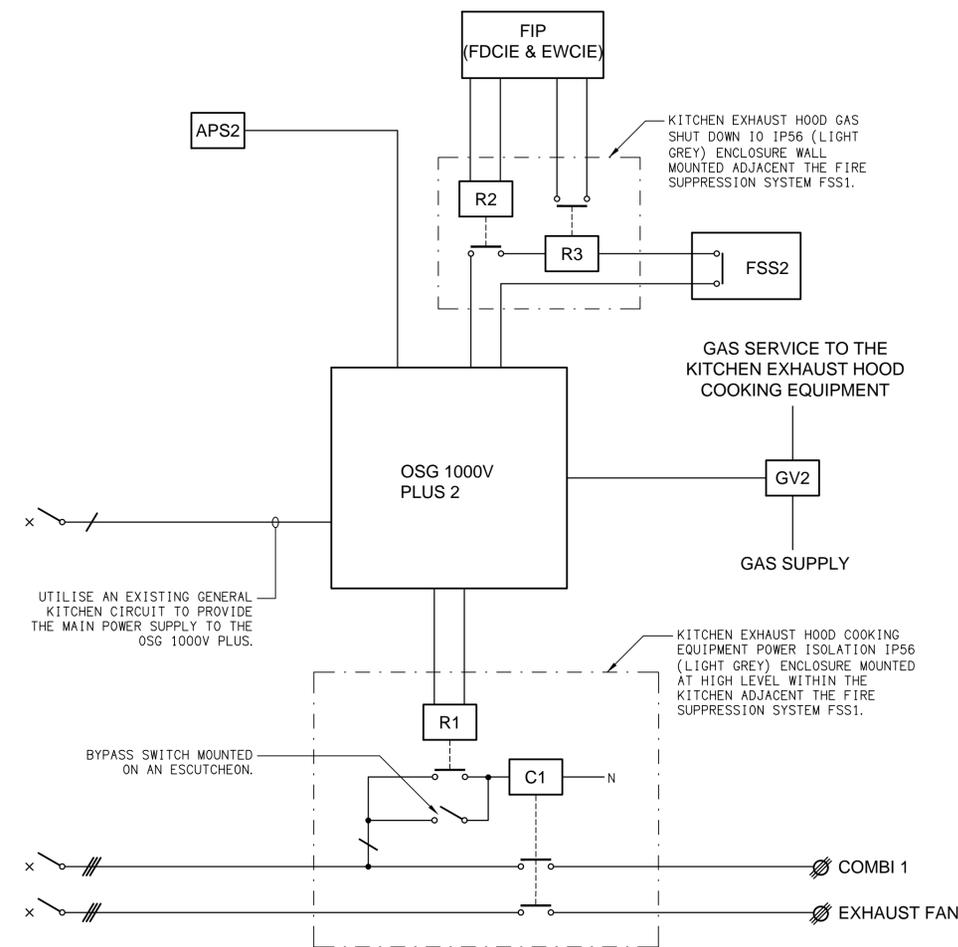
PROVIDE A FAIL-SAFE OUTPUT FROM THE EXISTING LONGREACH TAVERN FDCIE TO THE BRANCH AV EQUIPMENT (TO BE LOCATED ON SITE) ISOLATE THE AMPLIFIED AUDIO SERVICES VIA AN UNDERVOLTAGE TRIP UPON ALARM. THE AV EQUIPMENT UNDERVOLTAGE TRIP UNIT (AV IS TO BE CONFIGURED SUCH THAT IT MUST BE MANUALLY RESET FOLLOWING TRIPPING / UNDERVOLTAGE. 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'. LOCATE THE INTERFACE RESET IN A BACK OF HOUSE POSITION THAT IS OBVIOUS AND READILY ACCESSIBLE WITHOUT THE NEED TO REMOVE ANY OTHER ITEMS TO FACILITATE ACCESS.

6. KITCHEN EXHAUST FIRE SUPPRESSION SYSTEM

PROVIDE BRANCH KITCHEN EXHAUST HOOD CONTROL SYSTEM THAT:

- CONTROL THE BRANCH GAS SUPPLY TO THE BRANCH COOKING EQUIPMENT IN ACCORDANCE WITH AS5601 INCLUDING ISOLATING THE GAS SUPPLY WHEN THE BRANCH KITCHEN EXHAUST FAN IS NOT RUNNING.
- CONTROL THE OPERATION OF THE BRANCH KITCHEN EXHAUST FAN INCLUDING SHUTTING DOWN THE FAN WHEN THE ASSOCIATED EXHAUST DUCT DETECTOR GOES INTO ALARM.
- ISOLATES THE BRANCH GAS SUPPLY UPON OPERATION OF THE BRANCH FIRE SUPPRESSION SYSTEM.
- PROVIDES AN ALARM SIGNAL TO THE LONGREACH TAVERN FIP UPON OPERATION OF THE BRANCH FIRE SUPPRESSION SYSTEM.
- ISOLATES THE ELECTRICITY TO THE BRANCH ELECTRIC COOKING EQUIPMENT LOCATED UNDER THE BRANCH EXHAUST HOOD UPON OPERATION OF THE BRANCH FIRE SUPPRESSION SYSTEM.



SCHEMATIC
EXHAUST HOOD CONTROL
NOT TO SCALE

ELECTRICAL DESIGN GROUP BRISBANE PTY LTD ACN 092 710 793 TRADING AS: ELECTRICAL DESIGN GROUP	THE COPYRIGHT OF THIS DRAWING REMAINS THE PROPERTY OF THE ELECTRICAL DESIGN GROUP. USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE. ALL DIMENSIONS TO BE VERIFIED ONSITE.	ELECTRICAL DESIGN GROUP ELECTRICAL BUILDING SERVICES CONSULTANTS BRISBANE GOLD COAST P.O.Box 15, Sherwood Q.4075 Phone: (07) 3278 4375 Email: brisbane@edg.net.au Web: www.edg.net.au	PROJECT: LONGREACH TAVERN, LONGREACH THE BRANCH	103 EAGLE STREET, LONGREACH, QUEENSLAND	<table border="1"> <tr> <td>A</td> <td>TENDER</td> <td>25/01/20205</td> </tr> <tr> <td>REV:</td> <td>DESCRIPTION:</td> <td>DATE:</td> </tr> </table> DRAWING: ELECTRICAL SERVICES FIRE ALARM LEGEND & NOTES	A	TENDER	25/01/20205	REV:	DESCRIPTION:	DATE:
			A	TENDER	25/01/20205						
REV:	DESCRIPTION:	DATE:									
SCALE: NOT TO SCALE AT A1	PROJECT NO: C3460a	DRAWING NO: E03	REVISION: A								