

WORKS TO BE UNDERTAKEN BY ELECTRICAL CONTRACTOR

REGULATIONS & CERTIFICATION

ALL ELECTRICAL WORKS TO BE UNDERTAKEN UNDER ONSITE SUPERVISION OF A 17TH EDITION QUALIFIED ELECTRICAL CONTRACTOR REGISTERED WITH THE NICEIC AND CONFORM TO THE LATEST REE REGULATIONS, HEALTH & SAFETY AND BRITISH STANDARDS. ON COMPLETION OF THE WORKS, THE ELECTRICAL CONTRACTOR MUST ISSUE NICE CERTIFICATION FOR ALL WORKS UNDERTAKEN INCLUDING AN EMERGENCY LIGHTING CERTIFICATE TO GREGGS WITHIN A 6 WEEK TIME PERIOD FROM THE HANDOVER TO GREGGS. THE ELECTRICAL CONTRACTOR IS TO INSTALL, TEST AND COMMISSION THE INSTALLATION ACCORDANCE WITH BS7671, ENSURING COMPLIANCE WITH DESIGN AND PERFORMANCE REQUIREMENTS TO PROVIDE A SAFE, WELL INSULATED, EARTH PROTECTED SYSTEM CAPABLE OF SUPPLYING THE CALCULATED MAXIMUM DEMAND.

TELEPHONE

INSTALL TELEPHONE POINT TO OFFICE AND RUN EXTENSIONS TO SALES AREA AND ALONGSIDE ELECTRIC METER (NO MORE THAN 1M AWAY) AS SHOWN ON CONTRACT DRAWINGS.

FIRE ALARM

THE FIRE ALARM SCHEME IS TO BE DESIGNED BY A GREGGS APPOINTED SPECIALIST. GREGGS SHALL SUPPLY ALL EQUIPMENT FOR THE ELECTRICAL CONTRACTOR TO INSTALL TO THE FIRE ALARM SPECIALIST DETAILS. THE FIRE ALARM SPECIALIST SHALL UNDERTAKE FINAL COMMISSIONING OF THE SYSTEM AND ISSUE A COMMISSIONING CERTIFICATE TO GREGGS UPON COMPLETION. FIRE DETECTION AND ALARM SYSTEMS ARE TO BE INSTALLED TO MEET THE REQUIREMENTS OF BS 5839 PT 1 1998.

OVENS

FOR EACH OVEN PROVIDE A THREE-PHASE 16A SUPPLY TERMINATED IN A COMMANDO SOCKET COMPLETE WITH PLUG WITH AN APPROPRIATE ISOLATOR SWITCH, ALL POSITIONED AS SHOWN ON CONTRACT DRAWINGS.

FREEZERS

PROVIDE A 13A SUPPLY TERMINATED IN A SWITCHED SOCKET OUTLET FOR EACH FRIDGE AND FREEZER SHOWN ON CONTRACT DRAWINGS POSITIONED AT 200MM FROM FLOOR LEVEL.

SELF-SELECTORS

PROVIDE A 13A SUPPLY TERMINATED IN A SWITCHED SOCKET OUTLET FOR EACH SELF-SELECTOR SHOWN ON CONTRACT DRAWINGS POSITIONED AT 100MM FROM FLOOR LEVEL.

SANDWICH PREPARATION BENCH

PROVIDE A 13A SUPPLY TERMINATED IN A SWITCHED SOCKET OUTLET FOR EACH SANDWICH PREPARATION BENCH SHOWN ON CONTRACT DRAWINGS POSITIONED AT 400MM FROM FLOOR LEVEL.

INSECTOCUTORS

INSTALL INSECTOCUTOR (SUPPLIED BY GREGGS) IN POSITIONS SHOWN ON CONTRACT DRAWINGS AND PROVIDE A 13A SUPPLY TERMINATED IN A FUSED SOCKET OUTLET FOR EACH UNIT. THE TOP OF EACH INSECTOCUTOR IS TO BE INSTALLED 100MM BELOW THE SUSPENDED CEILING TO FACILITATE CLEANING WHILST MAINTAINING SAFETY REQUIREMENTS OF UNITS BEING OUT OF REACH.

SOUP KETTLES

PROVIDE A 13A SUPPLY TERMINATED IN A SWITCHED SOCKET OUTLET FOR EACH SOUP KETTLE SHOWN ON CONTRACT DRAWINGS POSITIONED WITHIN THE BACK BAR OR AS OTHERWISE SPECIFIED ON THE CONTRACT DRAWINGS.

FIRST CHOICE COFFEE UNIT

PROVIDE A 13A SUPPLY TERMINATED IN A DOUBLE SWITCHED SOCKET AS SHOWN ON CONTRACT DRAWINGS POSITIONED AT 1200MM FROM FLOOR LEVEL.

SHELVING

PROVIDE POWER TO THE NEW AMBIENT SHELVING, SPECIFICATION TBC.

HEATING

INSTALL WALL MOUNTED HEATERS (SUPPLIED BY GREGGS) IN POSITIONS SHOWN ON CONTRACT DRAWINGS AND PROVIDE A 13A SUPPLY TERMINATED IN A FUSED SOCKET OUTLET FOR EACH UNIT. POSITION 20W WALL FAN HEATERS AT 1500MM FROM FLOOR LEVEL AND 30W CONVECTOR PANEL HEATERS AT 400MM FROM FLOOR LEVEL. ELECTRICAL CONTRACTOR TO INSTALL AN ISOLATING SWITCH FOR HEATERS AT MAIN SWITCH BANK.

MUSIC SYSTEM

INSTALL MUSIC SYSTEM AS SHOWN ON DRAWINGS COMPRISING OF 4 CEILING SPEAKERS (A VOLUME CONTROL UNIT TO BE CONNECTED TO SPEAKER IN STAFF ROOM AND POSITIONED AT 1500MM FROM FLOOR LEVEL IN POSITION SHOWN ON DRAWINGS), RADIO RECEIVER AND AMPLIFIER (TO BE LOCATED ON TOP OF SECRETARIARE UNIT). ELECTRICAL CONTRACTOR TO INSTALL AN ISOLATING SWITCH FOR MUSIC SYSTEM AT MAIN SWITCH BANK. ALL MUSIC SYSTEM ITEMS OTHER THAN ISOLATING SWITCH TO BE SUPPLIED BY GREGGS.

STAFF ALERT SYSTEM

SUPPLY AND INSTALL A BUZZER SOUNDER IN PREP AND STAFF AREAS CONNECTED TO AN ACTIVATION BUTTON AT THE COUNTER POSITION SHOWN ON DRAWINGS.

EXTRACT & VENTILATION

PROVIDE APPROPRIATE MAINS SUPPLY TO EXTRACT/VENTILATION UNITS AS SPECIFIED BY EXTRACT & VENTILATION CONTRACTOR SWITCHED VIA A 7 DAY, 24 HOUR TIME CLOCK (CLOCK TO LOCATED ALONGSIDE DISTRIBUTION BOARD AND BE SET TO SWITCH ON AT 6AM AND SWITCH OFF AT 6PM).

AIR CONDITIONING

RELOCATE EXISTING AIR CONDITIONING SUPPLIES TO ACCOMMODATE NEW POSITIONS. PROVIDE A 32A SINGLE PHASE & NEUTRAL SUPPLY FOR EACH AIR CONDITIONING CONDENSER (UNLESS AIR CONDITIONING CONTRACTOR SPECIFIES DIFFERENTLY) TERMINATED IN A SUITABLE IP65 ISOLATOR BY THE LOCATION OF THE CONDENSERS SHOWN ON DRAWINGS.

AIR CURTAIN

PROVIDE AN APPROPRIATE SUPPLY FOR THE AIR CURTAIN (SUPPLIED BY GREGGS) WIRED TO MAINS DISTRIBUTION BOARD AND SWITCHED VIA A 7 DAY, 24 HOUR TIME CLOCK (CLOCK TO LOCATED ALONGSIDE DISTRIBUTION BOARD AND BE SET TO SWITCH ON AT 6AM AND SWITCH OFF AT 6PM).

HOT WATER SERVICES

RELOCATE 50 LITRE HEATRAE SADA MULTI POINT HOT WATER HEATER AS SHOWN. ENSURE THE BOILER IS ON 7 DAY, 24 HOUR TIME CLOCK (CLOCK TO LOCATED ALONGSIDE DISTRIBUTION BOARD AND BE SET TO SWITCH ON AT 6AM AND SWITCH OFF AT 6PM).RELOCATE THE EXISTING WHB AND PROVIDE MAINS SUPPLY FOR INTEGRAL HOT WATER HEATER UNIT OF PREP AREA WASH HAND BASIN WITH NON-SWITCHED FUSE SPUR. PROVIDE MAINS SUPPLY FOR ANY ADDITIONAL HOT WATER HEATERS FOR TOILETS AS SPECIFIED BY PLUMBER. POSITION OF THE HOT WATER BOILER TO BE DETERMINED.

LIGHT FITTINGS

INSTALL LIGHT FITTINGS AS SHOWN ON CONTRACT DRAWINGS USING THE MARSHALLING BOX SYSTEM PROVIDED REFER TO MANUFACTURERS' INSTALLATION DOCUMENTATION FOR SPECIFICS. ALL PLASTIC MATERIAL IN LIGHT FITTINGS IS IPX IN COMPLIANCE WITH CURRENT LEGISLATION. GREGGS SUPPLY ALL LIGHTING EQUIPMENT OTHER THAN LIGHTING TO VOID AREAS THAT IS INDEPENDENTLY SWITCHED FROM MAIN SHOP LIGHTING.

EMERGENCY LIGHTING

ALL EMERGENCY LIGHTING MUST BE INSTALLED IN ACCORDANCE WITH BS5266 PT1 AND APPROPRIATE CERTIFICATION PROVIDED TO GREGGS UPON COMPLETION. A KEY SWITCH MUST BE PROVIDED AT THE MAIN SWITCH BANK FOR MAINTENANCE TESTING. EMERGENCY LIGHTING IS TO BE INSTALLED SUCH THAT TESTING CAN BE UNDERTAKEN DURING NORMAL WORKING HOURS AND THEREFORE THE MAIN LIGHTING CIRCUITS SHOULD NOT BE SWITCHED OFF WHEN EMERGENCY LIGHTING IS ACTIVATED.

DEMOKSTRATING/ASSESSING/TESTING FOR ADEQUATE EMERGENCY LIGHTING PROVISION IS TO BE DONE BY SWITCHING OFF ALL LIGHTING BACK AT MAIN DISTRIBUTION BOARD.

MAIN SWITCH BANK

ALL LIGHT FITTINGS ASSOCIATED WITH GENERAL SHOP, HEATERS AND MUSIC SYSTEM TO BE SWITCHED AT THE MAIN SWITCH BANK POSITIONED AS SHOWN ON CONTRACT DRAWINGS. EACH SWITCH TO BE LABELED APPROPRIATELY WITH THE NAME OF THE ITEM IT IS ASSOCIATED WITH.

TURBOCHIEF OVEN

3 PHASE 32AMP SUPPLY WITH A TYPE 'D' BREAKER AND TERMINATED WITH A MALE AND FEMALE COMMANDO SOCKET AND PLUG 400 FROM F.F.L. CENTRAL TO OVEN - RUNNING CURRENT PEAKS ABOUT 22A PER PHASE.

DISHWASHER

PROVIDE 3 PHASE 16A SUPPLY (7.7kW) TERMINATED IN A COMMANDO SOCKET c/w PLUG FOR NEW DISHWASHER.

KEY TO POWER OUTLETS AND SWITCHES

SWB

SWITCH BANK OF ALL LIGHT SWITCHES AND HEATER PANELS

13A

13A DOUBLE SWITCHED SOCKET OUTLET WITH MATT CHROME FACE PLATE. ## DENOTES HEIGHT OUTLET IS TO BE FITTED FROM F.F.L.

P/RK

13A SWITCHED FUSED SOCKET OUTLET FOR INSECTOCUTORS WITH PLASTIC FACE PLATE FITTED AT 2200 FROM F.F.L.

P/PH

13A FUSED SOCKET WITH PLASTIC FACE PLATE FOR HEATER AT 400 FROM F.F.L. - SOCKET TO BE SWITCHED AT MAIN SWITCH BANK.

3

2No. 3 PHASE TRIPLE POLE & NEUTRAL 16AMP OVEN ISOLATORS AT 1500 FROM F.F.L. AND 1200 FROM REAR OF OVEN WALL (i.e. ACCESSIBLE WHEN OVEN IN SITU)

16

16 AND 32AMP SINGLE PHASE AND NEUTRAL FEMALE COMMANDO CONNECTOR FOR COUNTERS

NOTES

1 ALL SOCKETS AND SWITCHES TO BE CLEARLY LABELLED BY CONTRACTOR.

CEILING LEGEND

BULKHEAD AND SOFFIT FINISHED IN POLYREY TIMBER LAMINATE. REF: PO54 PRUNIER D ALSACE FA-WITH NO JUNCTION STRIPS TO TIMBER FINISH TO BE BUTT JOINTED PANELS.

SUPPLY AND INSTALL: 300MM X 1200MM PVC VINYL FACED PLASTERBOARD TILES WITHIN METAL LAY IN GRID FINISHED WHITE. TILE SIZE TO MATCH ARMSTRONG FEATURE TILE. ALL PROFILES TO BE FINISHED WHITE TO MATCH CEILING TILE.

FINISH SOFFIT IN RESOPAL LAMINATE REF D431 -HW-GLOSS WHITE (NO JUNCTION STRIPS)

KEY TO FIRE ALARM

SD

SMOKE DETECTOR

HD

HEAT DETECTOR

CP

CALL POINT

SL

SOUNDER

FP

FIRE ALARM PANEL

THE PROPOSED FIRE DETECTION/ALARM SYSTEM SHOULD BE DESIGNED, INSTALLED AND COMMISSIONED IN ACCORDANCE WITH RECOMMENDATIONS OF BS 5839-1

KEY TO CCTV & SECURITY SYSTEM - LOW SECURITY

CCV

CCTV CAMERA

SHOPTITTER ELECTRONIC

TO PROVIDE RS59 CAMERA CABLE AND BNC MALE AND FEMALE CONNECTORS FOR THE CCTV SYSTEM

KEY TO MUSIC SYSTEM

SP

STANDARD SPEAKER FOR MUSIC SYSTEM

SV

SPEAKER OPERATED BY VOLUME CONTROL

CS

VOLUME CONTROL SWITCH FITTED TO WALL

KEY TO A/C SCHEME

2000

2000 AMBRAD AIR CURTAIN

125

EXTRACT INLET DRAINING 125 litres/sec

AC

AIR CONDITIONING CASSETTE

N.B. SCHEME IS INDICATIVE ONLY - FOR SPECIFIC DETAILS REFER TO SPECIALIST CONTRACTORS DETAILS.

KEY TO EMERGENCY ESCAPE SIGNAGE

SHOPTITTER

TO SUPPLY AND FIT FIRE ESCAPE SIGNAGE AS DENOTED ON DRAWING

Fire exit

"EMERGENCY ESCAPE" SIGN AS DETAILED TO BS 5449 FIXED TO REAR OF SOFFIT OVER.

KEY TO FREE ISSUE LIGHTING EQUIPMENT FOR THE BACK OF THE SHOP

17500

SINGLE 58W 1500M VAPOUR PROOF FLUORESCENT FITTING ISSUE SUPPLIED WITH 3m Leads

26

26 No

BH

BULKHEAD FITTING

3

3 No

16W

16W 2D LIGHTING DRUM SUPPLIED WITH 3m Leads

28

28 WATT 2D EXTERIOR BULKHEAD + PHOTOCCELL SUPPLIED WITH LEADS

EL

3 HOUR DURATION NON MAINTAINED EMERGENCY LIGHT SUPPLIED WITH 3m LEADS

8

LIGHT SENSOR CONNECTED TO MARSHALLING BOX SUPPLIED WITH 3m LEAD

N.B. EMERGENCY LIGHTING IS TO BE INSTALLED IN ACCORDANCE WITH BS 5266-1:1999

KEY TO BT POINTS

BT

BT PHONE POINT FROM MAIN INCOMING LINE FITTED AT 400 FROM F.F.L.

BT

PHONE EXTENSION POINT TAKEN FROM MAIN BT POINT AT 1200 FROM F.F.L.

KEY TO FREE ISSUE ELECTRICAL EQUIPMENT

EL

S.S. INSECTOCUTOR POSITIONED 50mm FROM CEILING TO FACILITATE CLEANING.

3W wall heater

WALL MOUNTED PANEL HEATER MOUNTED 300 FROM F.F.L.

16w heater

WALL MOUNTED FAN HEATER TO BE 1500 FROM F.F.L.

KEY TO EPOS INSTALLATION

4

4 Qty 13A NON-SWITCHED SOCKET OUTLETS AND 4 Qty DATA POINTS 400 FROM F.F.L. FOR EPOS OFFICE EQUIPMENT

FRONT OF HOUSE LIGHTING LEGEND

0

EW DOWNLIGHT POWERCORE BCS402 3XLED-HBWW-2700 230V 30WH KIT 190 X190MM, 15W LED (2700K) 414LM SURFACE FIXED DOWNLIGHT 30 DEGREE. FINISH BRUSH ALUMINIUM.

15

900mm

AFFINIUM LCM310 VALUE-PLUS WW 900MM 900MM LONG 12W LED (3100K) LED SHELF UNIT

0

1200mm

AFFINIUM LCM310 VALUE-PLUS WW 1200MM 1200MM LONG 12W LED (3100K) LED SHELF UNIT

0

600mm

AFFINIUM LCM310 VALUE-PLUS WW 1200MM 600MM LONG 12W LED (3100K) LED SHELF UNIT

1

P000766/012LED EM+ 919913992317 (RECESSING BOX) + 919913992318 (LEGEND) LED EXIST SIGN, 3 HOURS MAINTAINED OPERATION, RECESSED CEILING MOUNTED, EXTRUDED ALUMINIUM HOUSING FINISHED WHITE WITH GRAY POLYCARBONATE END CAPS, CWV ACRYLIC SIGN PANEL

19

LUXSPACE (COMPACT) BBS490 1XLED-3000 PSU-E WH 216MM DIA. 30W LED (3000K) 2045LM RECESSED FIXED DOWNLIGHT. (CUT-OUT = 200MM) FINISH WHITE.

2

EL

BWC SHUTLED20/W/110EX31RK STAND ALH (919913992769) 3W LED 50MM DIA 3-HOUR NON MAINTAINED RECESSED MOUNTED EMERGENCY LED HEAD (CUT-OUT 40MM). STAND ALONE EMERGENCY LIGHTING 3W SSL HEAD FOR USE IN GENERAL AND OPEN AREAS

4

STYLED BRG523 1XSLER00 PSU-E 850 WB WH 158MM X 138MM - 17W LED (3000K) 800LM RECESSED ADJUSTABLE SQUARE 40 DEGREE SPOT. (CUT-OUT = 120MM)

3

PHILIPS MASTERLED 7 WATT - ADJUSTABLE BRG382 1XLED 7W GU10 230V PC 25 DEGREE 3000 A 95MM (8MM CUT OUT) CIRCULAR RECESSED ADJUSTABLE DOWNLIGHT WITH 7 WATT PHILIPS LED WARM WHITE LAMP AND TRIM

SHOPTITTER TO SUPPLY AND INSTALL ALL EMERGENCY EXIT FIRE SIGNAGE

ALL MARSHALLING BOXES ABOVE THE SUSPENDED CEILING ARE TO BE ACCESSIBLE FOR FUTURE MAINTENANCE WORKS

EPOS INSTALL 4 NO NEW CAT 5 DATA CABLES WHICH CONNECT THE TILLS ON THE COUNTERS TO THE BACK OFFICE SHOPTITTER ELECTRICIAN IS TO ENSURE THE CABLES ARE TESTED AND COMMUNICATING WITH EACH OTHER

GROUND FLOOR PLAN
REFLECTED CEILING PLAN
POWER AND ELECTRICAL WORKS

FIRST FLOOR PLAN
REFLECTED CEILING PLAN
POWER AND ELECTRICAL WORKS

BASEMENT PLAN
REFLECTED CEILING PLAN
POWER AND ELECTRICAL WORKS

SECOND FLOOR PLAN
REFLECTED CEILING PLAN
POWER AND ELECTRICAL WORKS

THIRD FLOOR PLAN
REFLECTED CEILING PLAN
POWER AND ELECTRICAL WORKS

SURVEY INFORMATION.

The reader of this drawing is advised that it provides basic information relating to the general size and arrangement of the existing facility.

The existing layout does not provide in-depth details of services, equipment, and/or structure.

Those undertaking works on behalf of Greggs Plc shall in the first instance, inspect the areas of works prior to commencement and prepare any necessary survey information and make safe prior to works commencing.

Pipe/Cable detectors should be used to establish existing services which may be concealed from view.

Contractor to consult with local Gas, Electricity, Water, Drainage and Telephone authorities as necessary.

DESIGN INFORMATION.

This drawing shows the design requirements in principle for the refurbished premises, and is supported by Greggs / Bakers Oven Contractors Guide.

If in any doubt you must contact the relevant Shopfitting Manager.

Where the nature of the works requires detailed design the Contractor will provide all such information necessary for the works to be carried out in a safe and workmanlike manner.

All information established during detailed design, including risk assessments, method statements etc. shall be provided to the Principal Contractor for inclusion in the Construction Phase Health & Safety Plan, which must be altered accordingly.

HEALTH & SAFETY NOTES.

These notes are to read in accordance with the Pre-tender Health & Safety Plan.

Contractor to inspect Asbestos register for the property prior to commencing works and satisfy themselves as to the extent of any hazardous materials.

The works involve various hazardous activities which could cause injury to those undertaking the works. Greggs plc staff and the general public.

Typical risks are listed in the pre-tender plan, however the Contractor must highlight any additional risks which he feels have not been identified.

Risk Assessments and/or Method Statements must be provided for each of these tasks prior to works commencing.

Works should not be undertaken if this information is unavailable and/or works should be delayed if circumstances on site require the risk assessment/ method statement to be modified.

All works must comply with current legislation, Health & Safety at Work Acts and guidelines, CDM Regulations and Management of Health & Safety at Work Act.

All supplies/services/equipment/components shall be tested and commissioned before Handover and left in perfect working order.

WORKMANSHIP.

The site is to be kept clean and free from all waste, debris, rubbish and obstructions at all times and it should be removed from site at regular intervals. All waste to be disposed of at authorised sites. Contractor to allow for all fees and costs incurred, and documentation of correct disposal should be made available to Greggs if requested.

Contractor to take all due care and attention when undertaking demolition, removal or stripping out. If suspect materials are encountered the works in the area to be stopped immediately, sealed off and immediately reported.

The Contractor is to ensure that all works and workmanship complied with the relevant code of practice within BS 8000, including all amendments.

ATTENDANCES.

Contractor to allow for attendance's on any nominated sub contractors and include these costs in the tender price.

Nominated Subcontractors are to be allowed full use of site facilities and services.

Contractor to allow for attendance on nominated suppliers of equipment and to administer their safe unloading, storage and positioning.

REV	DESCRIPTION	DATE	NAME

Greggs

GREGGS Plc (CENTRAL)
MAINSTREAM WAY
SALTLEY
BIRMINGHAM
B7 4SN
tel.: (0121) 605 1122

Project Title

PEEL SQ, RE-FIT

Drawing Title

PROPOSED RCP & RPP LAYOUTS

Site Address

3 PEEL SQUARE BARNSELY S70 2QT

Gross Building Area

1,875 Sq Ft

Gross Customer Area

180 Sq Ft

Drawing No.

RCEN-S0620-04

Rev.

Date

14.11.11

Scale

1:50

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A1

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21-Nov-11

Drawn by