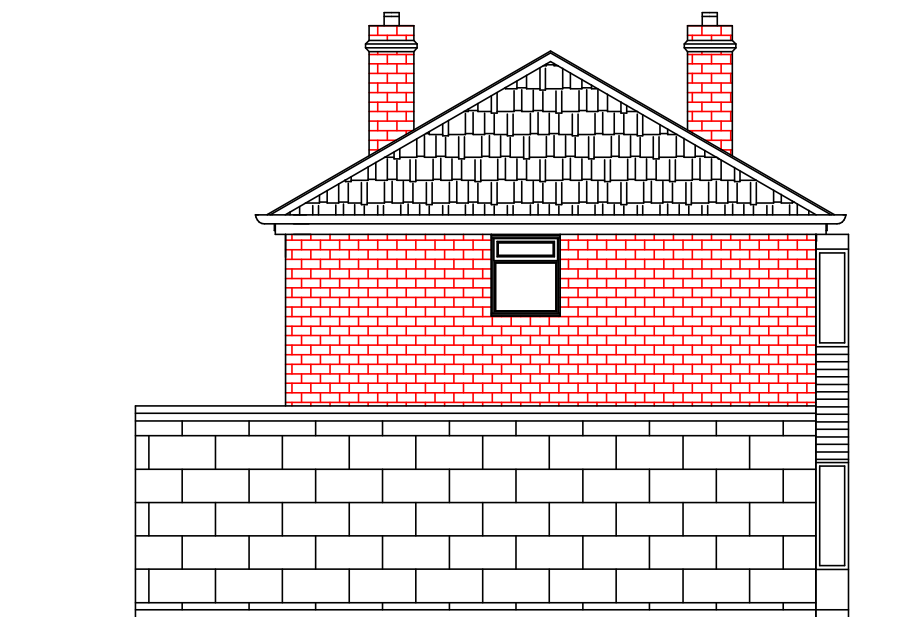
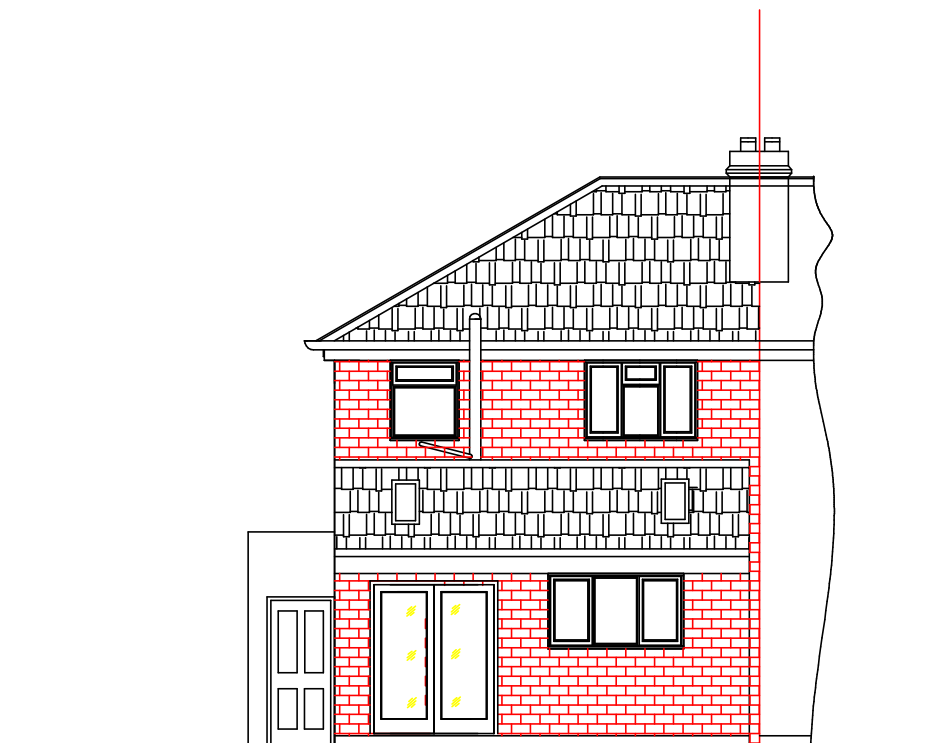




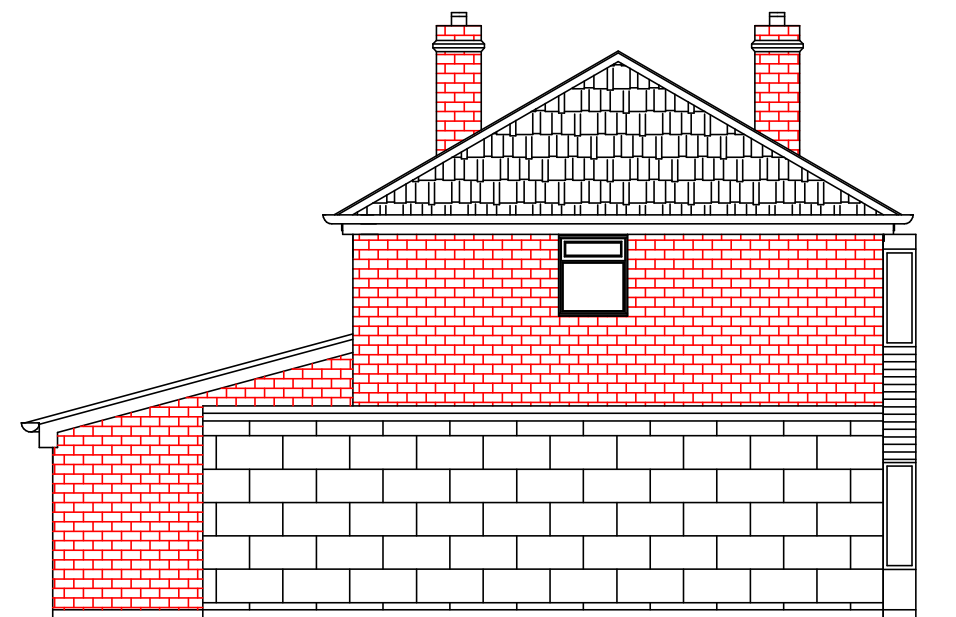
REAR VIEW AS EXISTS



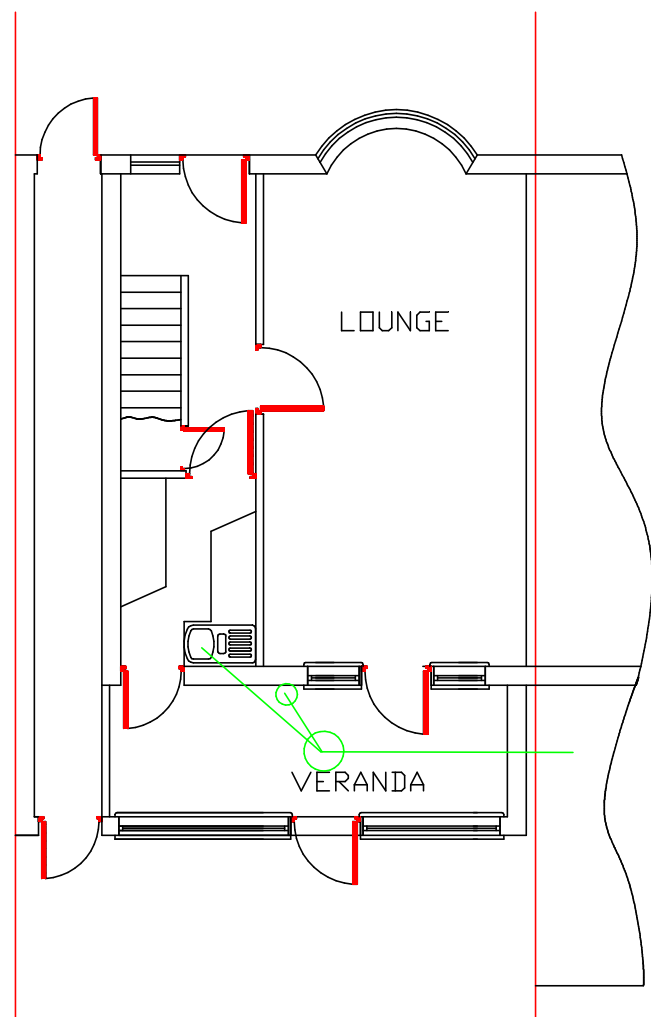
SIDE VIEW AS EXISTS



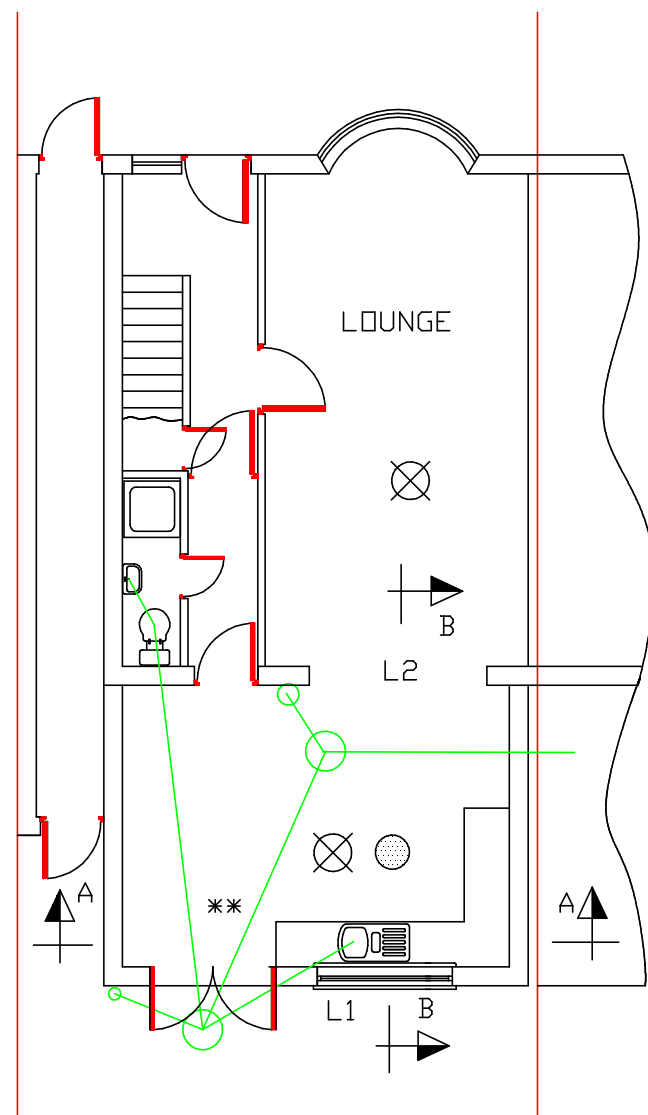
REAR VIEW AS PROPOSED



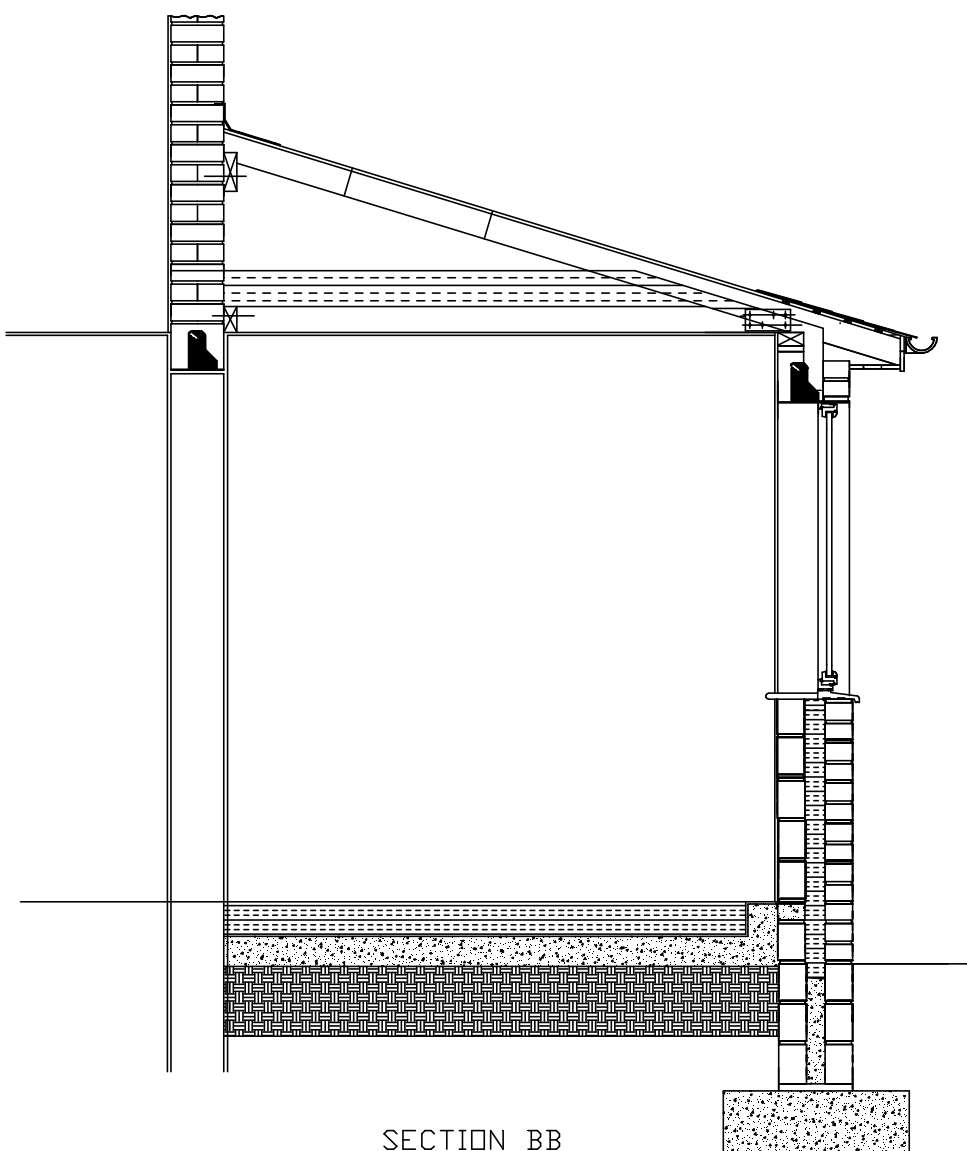
SIDE VIEW AS PROPOSED



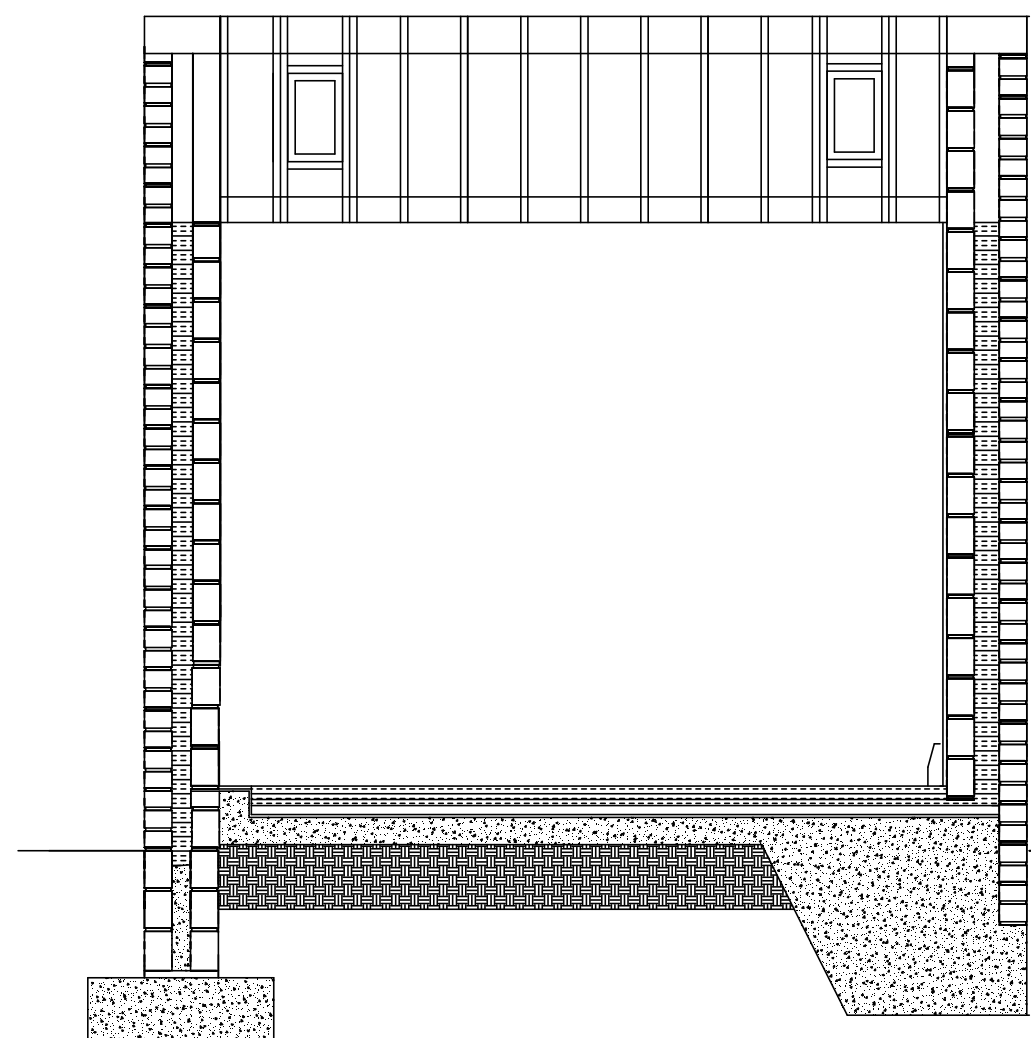
GROUND FLOOR PLAN AS EXISTS



GROUND FLOOR PLAN AS PROPOSED



SECTION BB
SCALE 1 to 50



SECTION AA
SCALE 1 to 50

APPROVED BREATHABLE FELT TO
USED <DUPONT TYVEK SUPRO DR
KINGSPAN NILVENT

USE 25 X 32 TANALISED ROOF
BATTENS

PITCH 15° USING
REDLAND REGENT 100
TOP FIX TO
MANUFACTURES
RECOMMENDATIONS

Provide 25 thick
plasterboard
around lintels

PROVIDE LATERAL SUPPORT
TO EXTERNAL WALLS

CAVITY TRAYS OVER ALL LINTELS & STEELWORK TO
EXTEND AT LEAST 25 BEYOND THE OUTER SURFACE OF THE
CAVITY CLOSER AND COVER THE ENDS OF THE LINTEL/
THE UPSTAND PART OF THE CAVITY TRAY SHOULD BE
RETURNED INTO THE INNER LEAF MASONRY.

U VALUES
GLAZING U VALUE = 1.6
WALLS U VALUE = 0.28 CAVITY 100 fibre glass WITH THERMAL
INSULATING BLOCKS ON INNER LEAF.
PITCH ROOF HABITABLE AREAS U VALUE = 0.16 (250 THK FIBRE GLASS)
FLAT ROOF U VALUE = 0.2 <CELOTEX TD 3105>
GROUND FLOOR U VALUE = 0.22 <CELOTEX GA3020 (20 THK) OR
EQUIVALENT>

BUILDER TO LOCATE DRAINAGE
AND AGREE WITH L.A.B.I.
RUNS, LOCATION &
INSPECTION MAN HOLES

Drainage & Waste Disposal to Approved Document M
Laying & Mounting Safety to Construction (Health & Safety & Welfare)
Regulation 1996, SI 1996/1592, the construction (Design & Management)
Regulations 1994, SI 1994/3140 and confined Spaces Regulation
Switches & Sockets to be positioned in accordance with paragraphs 8.1 - 8.3 of Approved Document M

ELECTRICAL EQUIPMENT TO BE CARRIED OUT BY A QUALIFIED ELECTRICIAN
DO NOT SCALE FROM THE DRAWING - ONLY USE FIGURED DIMENSIONS ALL DRAWINGS TO BE READ IN
REFER TO ANY DISCREPANCIES FOUND TO THE ARCHITECT WHETHER SPECIFICALLY OR NOT ALL WORKS
ARE TO COMPLY WITH :

- 1) THE BUILDING REGULATIONS
 - 2) THE REQUIREMENTS OF
 - 3) THE CLIENTS BRIEF WHERE RELEVANT
- SEE SEPARATE SPECIFICATION

CAVITY TRAYS OVER ALL LINTELS & STEELWORK TO
EXTEND AT LEAST 25 BEYOND THE OUTER SURFACE OF
THE CAVITY CLOSER AND COVER THE ENDS OF THE
LINTEL / STEELWORK.
THE UPSTAND PART OF THE CAVITY TRAY SHOULD BE
RETURNED INTO THE INNER LEAF MASONRY.

- CEILING MOUNTED MECHANICAL
EXTRACT TO BE DUCTED THROUGH
FLOOR VOID TO EXTERNAL WALL.
- ⊗ DENOTES SMOKE ALARM
- ① DENOTES LINTEL

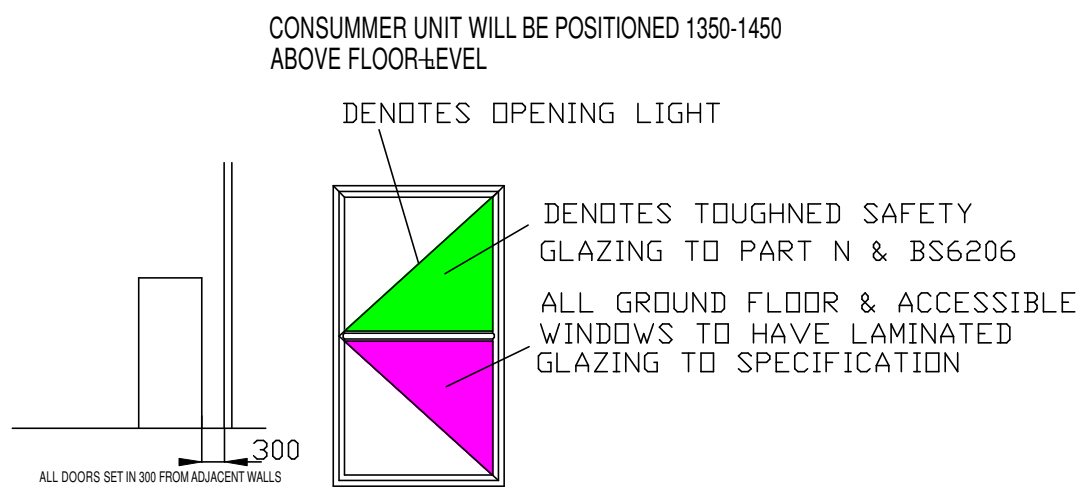
APPROVED BREATHABLE FELT TO
USED <DUPONT TYVEK SUPRO DR
KINGSPAN NILVENT

USE 25 X 32 TANALISED ROOF
BATTENS

TIMBER SPECIFICATION
ALL GRADE C16

RAFTERS	150 X 47 @ 400 CTRS
CEILING JOISTS	170 X 47 @ 400 CTRS

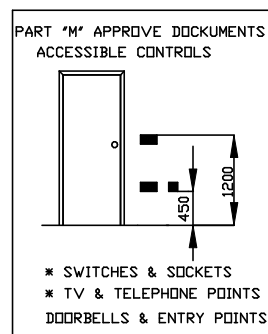
Use Keystone Hi-Therm Lintels			
WINDOW	WIDTH	HEIGHT	REMARKS
L1	2100	126	GRP 600-2100 CAVITY 100
L2	2100	126	GRP 600-2100 CAVITY 50



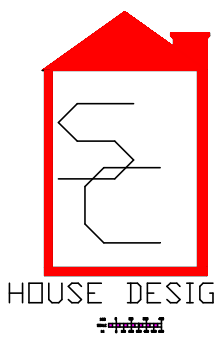
W1 / D1 - DENOTES WINDOW / DOOR REFERENCE
** DENOTES WINDOWS TO BE FITTED WITH MINIMUM 6,4 THICK LAMINATED OUTER PANE.
LAMINATED GLASS TO MEET THE CRITERIA OF BS EN356:2000 RATING P2A, TOUGHENED
GLAZING TO INNER PANE

INNER WALL 100
THICK LIGHT CONCRETE
BLOCKS (MINIMUM
DENSITY 1600kg/m³)
INNER WALL 13 PLASTERBOARD
ON DABS TO CREATE AIRSPACE
100 CAVITY FILL WITH (FIBRE GLASS)
(THERMAL CONDUCTIVITY 0.035w/mk
OUTER WALL ABOVE DAMP COURSE 102 MATCHING
FACING BRICK
MASS CONCRETE (1:3:6:20MIX)

Expose existing foundations to satisfy LBI
Do not project on neighbours property



ORIGINAL SIZE A1



Stan Ceneý
C.Eng M.I.Mech.E.

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e-mail stan.ceney@hotmail.co.uk

EXTENSION TO
22 BUTTERY ROAD
SMETHWICK
WEST MIDLANDS
B67 7NS

ORDER No
16521 P

DRAWN
S.CENEY,
C.ENG.F.I.MECH.E

DATE
16 May
2021

SCALE
1 : 100
UNLESS
STATED

DRG No
16521 P

REVISION
B