SECTION THRO KITCHEN EXTENSION structure Walling
nm Class A dense concrete blocks. Bitumen felt
to external walls 150mm above ground level.
k mix infill to base of cavities to terminate
nm below lowest d.p.c. level.

Roof/Wall Abutments
Provide Code 4 lead flashings and lap over covering. Dress up wall a minimum of (stepped on pitched abutments) and provide cavity tray to make completely watertight.

vide new doorway between Kitchen and Lounge as vn. Support over with 1.G internal lintel or similar oved.

Wall Construction (300mm cavity)
ling brickwork (see site plan for details)
livity with ISOVER, HI-CAV 32 insulation
ner skin of tarmac Hemalite blocks
all ties to be stainless steel type spaced
norizontally and 450mm vertically to
178. Internal block walls to receive 10mm
nt render and skim. Robust details in
18 is T50,2001

lew/Old Walling
Where new walling me
exible wall starters.

old pr

Kitchen Ventil Provide propri unit capable c provide prop extracting 30lt/

ntilation

prietary mechanical extrace of extracting 60lt/sec.

roprietary cooker hood

y fibreglass valleys or provide Code to make completely watertight.

Glazing

All windows and doors to be double-glazed with Pilkington 'K' glass or similar approved, to achieve either WER Band C or a 'U' value of 1.6W/m²K.

afety Glazing rovide safety inimum heig ors to a min over Side scott

glass to BS6206 to all windows to a ght of 800mm above floor level plus nimum height of 1500mm above floor creens to be same as doors if within

abitable Room Trickle Ventilation ovide proprietary trickle ventilators to head of indows giving a total opening area of not less than 100mm²

CAMELOT GARDENS

y/Bathroom/WC Trickle Ventilation ictary trickle ventilators to head of a total opening area of not less than

3edroom 1 and 2 windows to have a sar opening of 450mm high and 450mm openable area of 0.33m² and a maximum f 1100mm to the bottom of opening to be windows.

Electrical Work

All electrical work required to meet the requirements of Part P (electrical safety) must be designed, installed, inspected and tested by a person competent to do so. Prior to completion of the works the council must be satisfied that either:
a) an electrical installation certificate issued under a competent person's scheme has been issued

an appropriate electrical installation certificate been issued for the work, and that it has been ted by a person competent to do so.

External Cavity Wall Lintels for 300mm Cavity Walls
IG type L1/S100 unless stated otherwise. To be confirmed on site with Building Control Surveyor. nternal Lintels
G type Internal 100mm lintels to ope
00mm internal walls unless stated otherwise

Underground drainage to be proprietary 110mm diameter p.v.c. pipes flexible jointed to fall 1:70 bedded in 100mm pea gravel. Under building drains to be encased in 150mm pea gravel with lintel over pipes at wall abutments. Where drain passes through wall, provide suitable protection to prevent gas ingress to building. 110mm diameter soil and vent pipe to extend 900mm above window head and to terminate in balloon finial. Soil and vent pipe to be fitted with access plate at base. Provide suitably sized wastes from all appliances (in accordance with Approved Document H) complete with minimum 75mm deep sealed traps and rodding eye access points at every direction change. All above ground drainage to BS5582 and all underground drainage to BS5582 and all underground drainage to BS6301. Provide seal plates both sides of pipe entry to avoid vermin entry

Roof Insulation
To roof spaces provide proprietary 300mm thick fibreglass insulation laid as 100mm between joists and 200mm across joists or equivalent to give 0.16 U/value. Ensure a gap of 50mm between roof underfelt and quilt at all times. Foul Water Drainage Underground drainage

d.p.c. to be F.L. quality

Demolish existing side Conserv make way for proposed extension

loor level, ceiling level and fascia disting.

line to

General Contractor is to check all din epancies to the Architect.

ternal walls to be solid blocks outer skin rend dpainted.

of pitch to suit existing roof ridge height proximately 30°.

Lobby extension provide suitable valley at roof stions with 4lb lead to make completely watertight provide suitable watertight hopperhead outlet nected to 65 DIA RWP.

urface Water Drainage
o be proprietary 110mm diameter p.v.c. pipes
exible joined to fall 1:70 bedded in 100mm pea
ravel. Pipes to discharge into 1200mm diameter
pakaways sited 5000mm away from buildings.

Purge ventilation to windows

For a hinged or pivot window that opens 30° or more the height and width should be at least 1/20th of the floor area of the room.

For a hinged or pivot window that opens less than 30° the height and width should be at least 1/10th of the

ground Ventilation ground ventilation is to be provided by trickle ground ventilation is to be provided by trickle ground ventilations to the tops of windows. Use trickle ventsing 8000mm² per window head. Ventilation for extension to be 50,000mm²

scia and Bargeboards
be 25 x 75mm PSE with 6 mm groom thick exterior grade plywood soffit.

all insulated roof ceilings provide 12.5n proc Duplex plasterboard of 10kg/m³ or simi either 5mm skim or Artex finish. To remainings provide 12.5mm Gyproc plasterboard ilar with finishes as above.

Protection to Underground Pipes

Where pipes are not under road and have less than 600mm cover concrete paving slabs should be laid as ridging above the pipes on minimum 75mm pea gravel. If flexible pipes are under a road and have ess than 900mm cover reinforced concrete bridging hould be used instead of paving slabs. Provide ompressible material below slab/concrete.

ventilation systems are to be ed in accordance with Regulation 44 can be tested and adjusted to provide utilation) and a copy of the commissioning be given to the local authority not more after completion of the works.

Inspection Chamber Construction
Proprietary polypropylene inspection chambers bedded on 150nm concrete. Form protective 255mm thick concrete collar around head of inspection chamber with 300mm projection from cover. Covers to be Grade C light duty unless inspection chambers are in driveways where Grade B medium duty covers are to be used.

All doors, windows and any loft effectively sealed and draught proofec All exte All external joi toke detectors to be to BS5839/6:2004, tegory LD3. al all ope ated type.

Provide a fibrous separating member between screed and insulation and provide chicken between insulation and screed. To all domestic floors to external perime provide 25mm thick insulation dressed up prevent cold bridging. ulation in roof space to meet with insulation ernal cavity walls to prevent cold bridging. hatches to Gr floor D

All soak ery to be fully draught proc um 1m deep. iled and latched shut

visting drains under Kitchen/Lobby extension to be posed and encased in 150mm of concrete. Existing ont 1.C to be relocated as necessary to suit extension as deprovide additional 1.C at rear of extension as

Existing door between Kitchen blocked up.

roposed supporting steel beams unimum $\frac{1}{2}$ hour fore protection.

orm opening to create larger apport over with steel beam gineers details.

move wall and door between existing Lounge and sting Bedroom 1. Provide new block wall as own. Support over with steel beam etc all to uctural engineers details.

the property/landowner's responsibility to be aware of the Party Wall, etc. 1996 when building or carrying out alterations in close proximity to ining neighbour's boundaries.

works shall comprise of all that shown on the drawings an Works that may not specifically be shown but may be reaso acessary to earry out the works shall be deemed to be included

existing rear Bedroom (Bedroom 3). Remove ting window and alter as necessary to suit door window as shown.

ening from Lounge into Bedroom extension Support over with 1.G L1/S lintel or similar

rials to be new unless stated otherwise and all components and, etc. to be used, fitted and installed, etc. in strict accordance with uners' instructions and relevant Code of Practise. Materials should to appropriate British Standard specification or BBA Certificate or Code equivalent.

s solely for the purpose
solely for the purpose
solely for the purpose
solely for the purpose
solely for the granding
must n
full not be supervised to
eted to do so. It is th
manship, substitution
act, etc.

EX. ACCESS PROPOSED EXTENSION REMOVE
EXISTING
CONSERVATORY
SHOWN
DOTTED EXISTING BOUNDARY FENCE RIGHT OF. () A 10.500 APPROX DRIVE EXISTING BUNGALOW No 22 EXISTING BOUNDARY FENCE S.A. 1.000 5.000 APPROX 1.000 REMOVE EXISTING
GARAGE SHOWN
DOTTED EXISTING BOUNDARY FENCE GARAGE GARAGE PROPOSED EXTENSION

D E S I G

C - ALTS - 17.8.20 B - INF. ADDED 17.7.20 A - INF. ADDED - 19.3.20

THIS DRG. TO BE READ IN CONJUNCTION WITH SD20-009/1, SD20-009/3, SD20-009/4 SRC STRUCTURAL CALCS REF - 232320/1 TO 12

SECTION THRO BEDROOM EXTENSION

SCALE BAR 1:50

PROPOSED EXTENSIONS & ALTERATIONS PLUS GARAGE AT 22 CAMELOT GARDENS, BOSTON FOR MARCH-20 1:200 SITE PLAN MR. R. TOURLE SD20-009/2 B.GILHAM.

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