

NOTES: ALL WORK TO BE TO SATISFACTION OF THE BUILDING INSPECTOR AND TO CURRENT BUILDING REGULATIONS WHERE APPLICABLE

EXISTING ROOF DEMOLISHED AND INTERNAL S/W PARTITIONS REMOVED AND FRONT WALL DEMOLISHED DOOR AND WINDOW TO BE SET ASIDE FOR RE-USE. THIS WALL WILL BE NON LOAD BEARING ONCE ROOF IS REMOVED. CUT NEW WINDOW OPENINGS TO KITCHEN AND GENERAL OFFICE AS SHOWN WITH HEADS AND CILLS TO MATCH AND INNER LINTOL OF CATNIC BOX TO SUIT SPAN.

FOUNDATION TO EXTENSION TO BE 800mm x 200mm AT A MINIMUM OF 700mm BELOW GL OR AS MAY BE APPROVED ON SITE BY B.I TRENCH BLOCKS 300mm THICK TO FOUNDATION BELOW GL AND EXTERNAL WALL TO BE 100mm FACING BRICK TO MATCH WITH 50mm CLEAR CAVITY AND 50mm KINGSPAN CAVITY INSULATION AND INNER LEAF OF 100mm THERMALITE OR EQUAL INSULATION BLOCK.

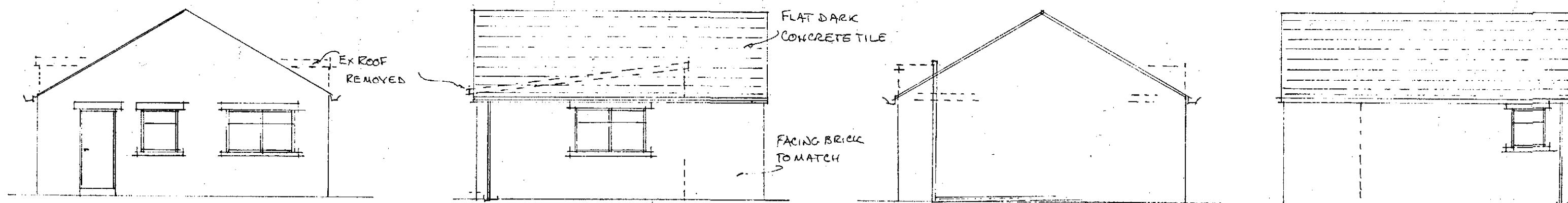
THE NEW AND EXISTING EXTERNAL CAVITY WALLS TO HAVE A LINING OF KINGSPAN K7 INSULATED PLASTERBOARD 52.5mm THICK

WITH A SKIM FINISH AND FIXED WITH CONTINUOUS STRIP DRYWALL ADHESIVE. THE U VALUE TO EXISTING WALLS WILL BE IMPROVED TO 0.30w/m²/K

THE U VALUE TO THE EXTENSION WALLS WITH A 50mm PARTIAL CAVITY FILL INSULATION WILL BE 0.16w/m²/K
ALL CAVITIES TO BE CLOSED AT TOP WITH 100mm BLOCK AND AT HEADS CILLS AND REVEALS WITH A BLOCK DPC AND COLD BRIDGE CAVITY SEAL. NOTE THERE WILL BE THE OPTION TO FILL THE EXISTING CAVITY WITH A GRANULAR BLOWN INSULATION FROM THE TOP ONCE THE ROOF HAS BEEN REMOVED INCREASING THE U VALUE TO 0.15w/m²/K. THE NEW CAVITY WALLS TO HAVE M.S GALV TWIST TIE IRONS @ 450 CTRS HORIZONTALLY AND 900mm VERTICALLY. NEW WALLS TO HAVE HORIZONTAL DPC AT MIN 150mm ABOVE THE GL.

THE NEW AREA OF FLOOR TO BE 150mm FLOATED CONCRETE ONTO 150mm DPM AND 100mm KINGSPAN K3 75mm THICK ONTO A MIN 150mm CLEAN ROLLED HARDCORE ALL TO GIVE A U VALUE OF 0.20 (F/A 0.8)

NEW FLOOR LEVEL WITH EXISTING AND DPM LINED TO EXISTING DPM AND NEW DPC TO WALL



FRONT ELEVATION SW

SIDE ELEVATION NW

REAR ELEVATION NE

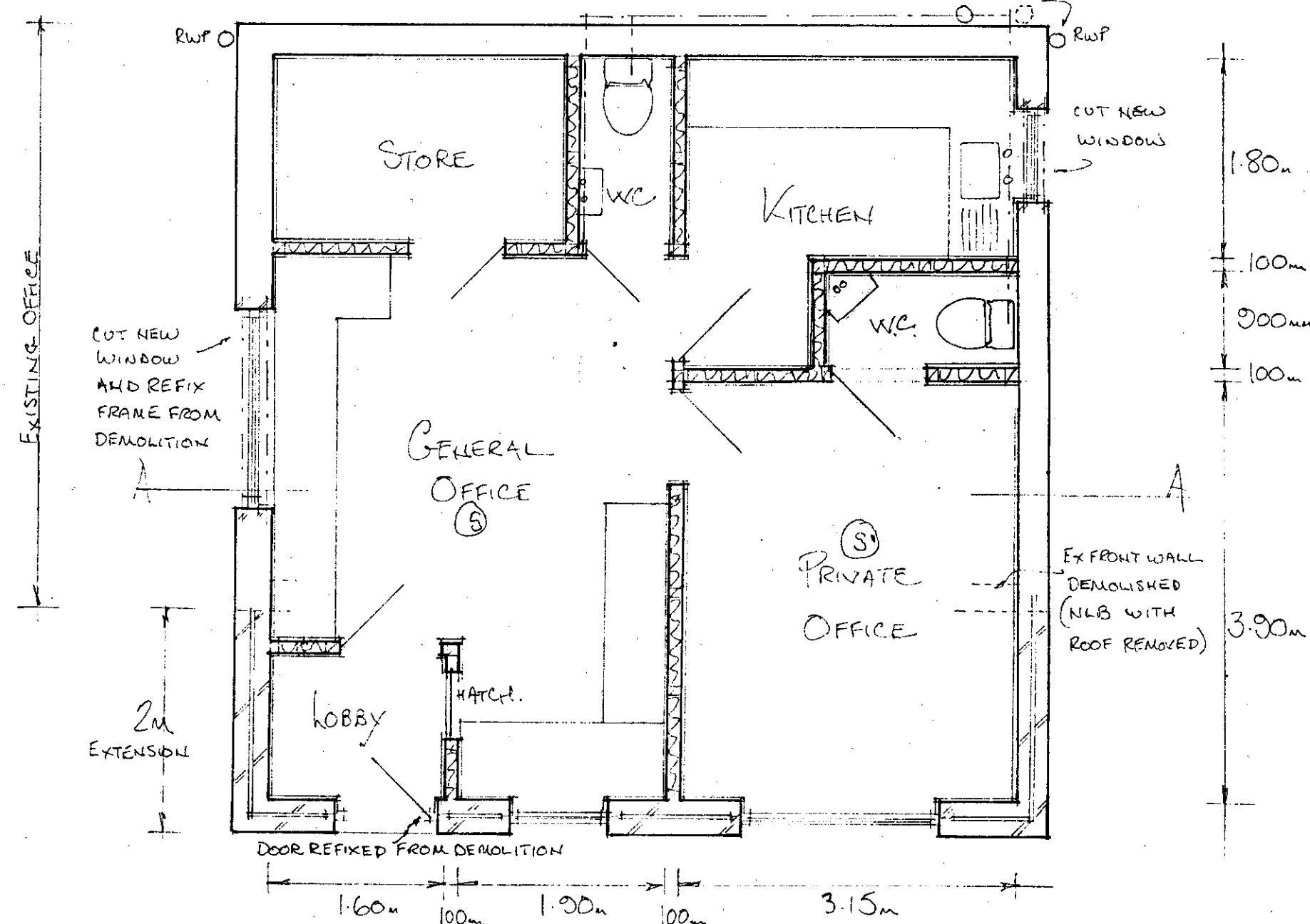
SIDE ELEVATION SE

ROOF TO BE FLAT DARK CONCRETE TILE ONTO S/W BATTENS AND BREATHER FELT ONTO HOWARTH TRUSSED RAFTERS WITH 100mm x 75mm WALLPLATE AND ALL TIES, M.S. LATERAL RESTRAINT STRAPS AND DIAGONAL BRACING AS MANUFACTURER'S DETAILS. 400mm QUILT INSULATION TO ROOF VOID TO BE 200mm BETWEEN TRUSSED RAFTER BOTTOM MEMBERS AND 200mm OVER AND ACROSS ALL TO GIVE A U VALUE OF 0.14w/m²/K WITH A CEILING UNDER OF 12.5mm PLASTERBOARD AND SKIM. BLACK 12.5mm MOULDED SECTIONS CUTTERS AND 75mm Ø RWP IN UPVC FIXED. BACK INLET GULLIES AND 100mm S/W DRAINAGE TO EXISTING SYSTEM (SOAKAWAY)

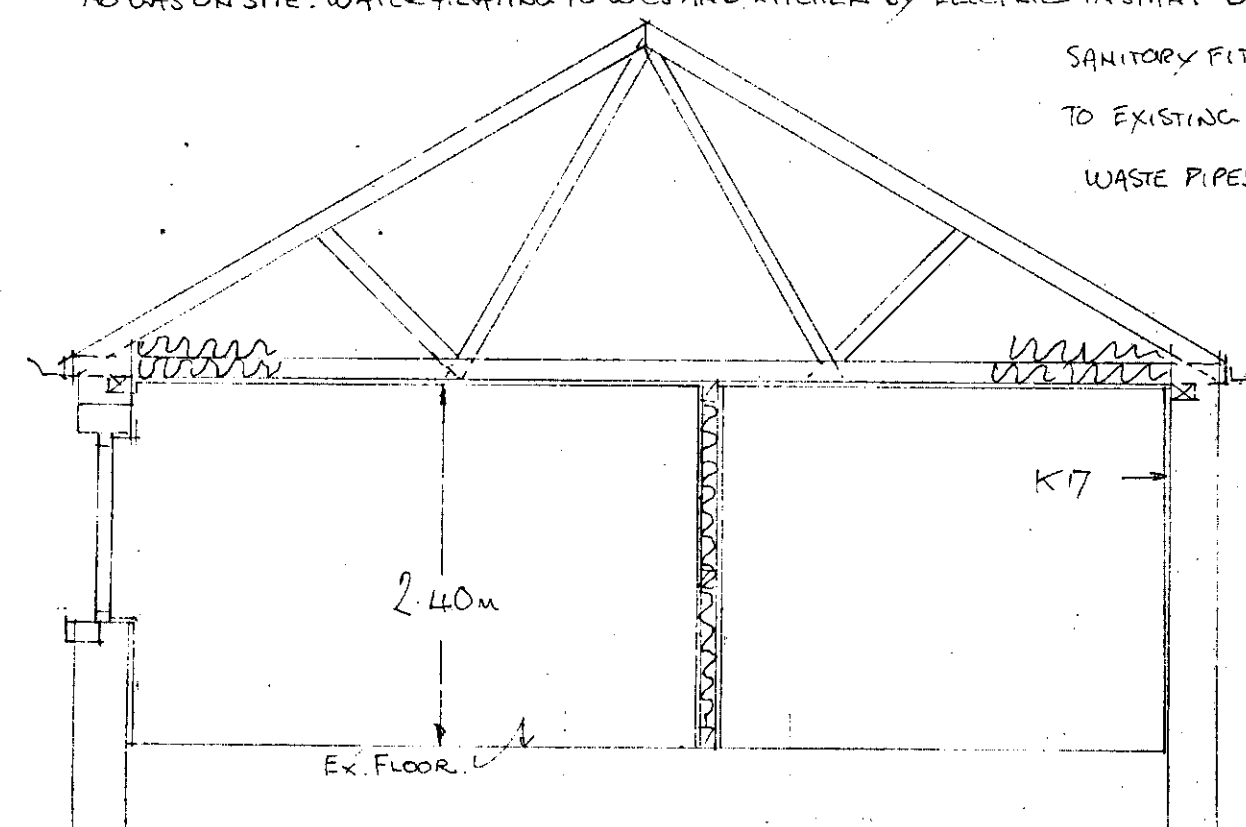
INTERNAL PARTITIONS TO BE 75mm x 100mm S/W STOOTING WITH A SOUND DEADENING QUILT CORE AND DOUBLE 12.5mm PLASTERBOARD AND SKIM EACH SIDE. INTERNAL SOLID FLUSH PLY DOORS AND FRAMES (150mm TO ACCOMMODATE ADDITIONAL P.B THICKNESS). KITCHEN UNITS/OFFICE DESKS AND CUPBOARDS TO CLIENTS REQUIREMENT. WINDOWS TO BE UPVC DOUBLE GLAZED WITH 4/16/4 UNITS WITH C CLASS AND ARGON FILLED. REFIX ONE EXISTING FRAME TO GENERAL OFFICE. SKirting BOARDS ARCHITRAVES AND WINDOW BOARDS TO CLIENTS CHOICE

SERVICES: ALL ELECTRICAL WORK TO BE CARRIED OUT BY A FULLY QUALIFIED ELECTRICIAN TO CURRENT I.E.E STANDARDS AND A COMPLETION CERTIFICATE PROVIDED. MECHANICAL EXTRACT FANS PROVIDED TO KITCHEN AND WC'S DUCTED TO OUTSIDE AIR @ 30LIT/SEC RATE WITH OVERRIDE ACTION. HARD WIRED SMOKE ALARMS (S) FITTED AS SHOWN. EXTERNAL SECURITY LIGHTING TO CLIENTS REQUIREMENTS. SPACE HEATING WILL BE VIA STORAGE HEATERS (ELECTRIC) NO GAS ON SITE. WATER HEATING TO WC'S AND KITCHEN BY ELECTRIC INSTANT BOILERS/WATER HEATERS.

SANITARY FITTINGS TO WC'S AND SINK WASTE CONNECTED TO EXISTING SVP TO REAR WALL WITH ALL TRAPS AND WASTE PIPES TO B/RECS REQUIREMENTS



PLAN



SECTION A-A 1:50

FIELD
CORPORATE HALL ROOM

29 APR 2013

Received by:
ORIGINAL COPY

NOTES:

REVISIONS:

DATE SUBJECT

CLIENT:
A.P. HOWLING-WORTH LTD.

PROJECT:
EXTENSION AND
ALTERATIONS TO
BARNSELY OFFICE

IAN C. STEVENSON
BUILDING CONSULTANT

THE MISTAL
HILLTOP FARM
PENISTONE ROAD
SHELLEY
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SCALE: 1:80 AND 1:100
DATE: APRIL 2013

DRAWING No: 13/17