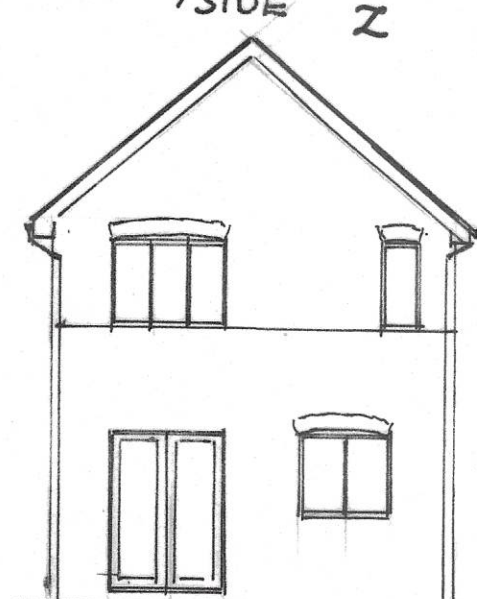


EXISTING 1:100

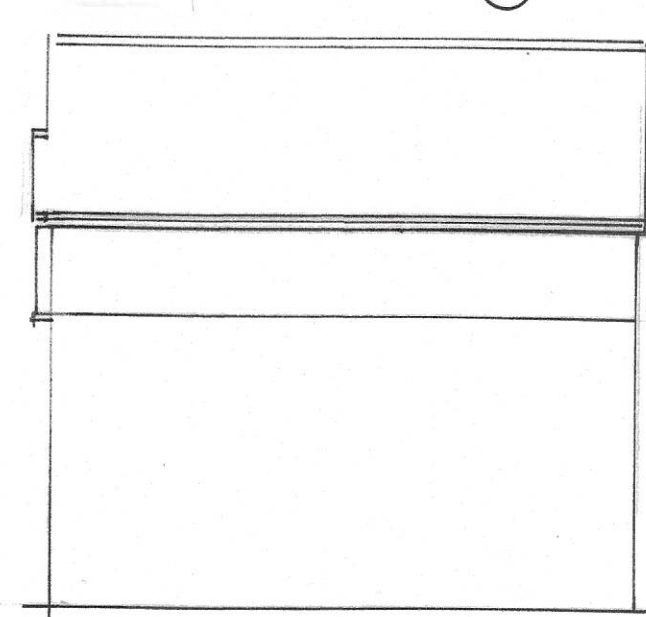
FRONT ELEVATION



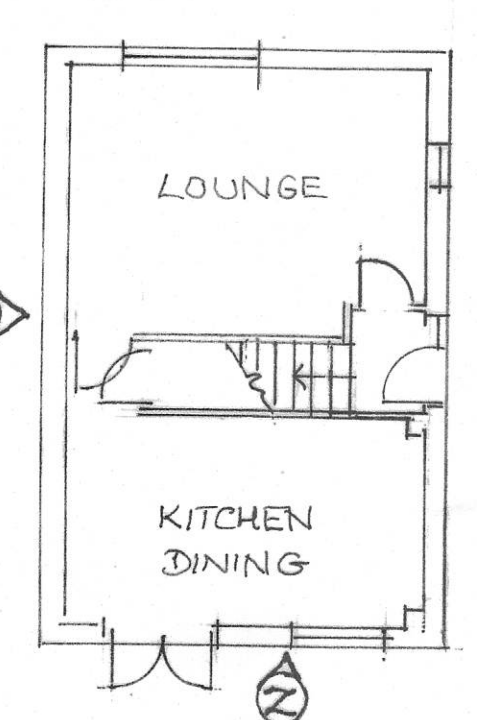
ELEVATION /SIDE 2



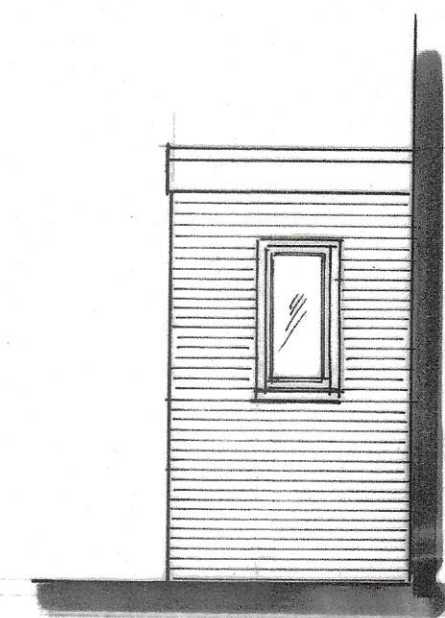
REAR ELEVATION (X)



G.F. PLAN



SIDE VIEW AT FRONT (A) 1:50



'FRONT' ELEVATION 1:50



SIDE / ELEVATION 1:50



LOCATION PLAN 1:1250



MECHANICAL VENTILATION

ALL BATHROOMS AND SHOWER ROOMS TO BE FITTED WITH A MECHANICAL EXTRACT FAN CAPABLE OF AT LEAST 15 LITRES/SECOND EXTRACT RATE. KITCHENS TO HAVE EITHER A MECHANICAL EXTRACT FAN CAPABLE OF 80 LITRES/SECOND OR A COOKER HOOD CAPABLE OF 80L/s. MECHANICAL EXTRACT FANS SERVING WINDOWLESS BATHROOM/SHOWER ROOMS/W.C. CUBICLES TO PROVIDE AT LEAST 3 AIR CHANGES PER HOUR WITH A 15 MINUTE OVER RUN FACILITY.

DRAINAGE

ALL NEW DRAINS TO BE LAID USING 100MM DIAMETER HERSLEV OR U.P.V.C. PIPES AT 1:40 MINIMUM SELF-CLEANING GRADIENT. DRAINS UNDER BUILDING AND WITHIN 1M OF FOUNDATIONS TO BE ENCASED IN CONCRETE SURROUND. DRAINS PASSING THROUGH FOUNDATIONS TO BE BRIDGED OVER WITH P.C.C. LINTOLS AND ROCKER PIPE USED EITHER SIDE OF WALL. 100MM DIAMETER S.V.P.s TO RECEIVE UPPER FLOOR FITTINGS WITH WIRE BIRD CAGE TERMINAL AT LEAST 900MM ABOVE THE HIGHEST WINDOW VENT OPENING AND ABOVE ROOF LEVEL. ALL NEW SANITARY FITTINGS TO HAVE ANTI VAC TRAPS WITH WASTES CONNECTED SEPARATELY INTO SOIL STACKS. ALL WASTES TO BE MADE ACCESSIBLE.

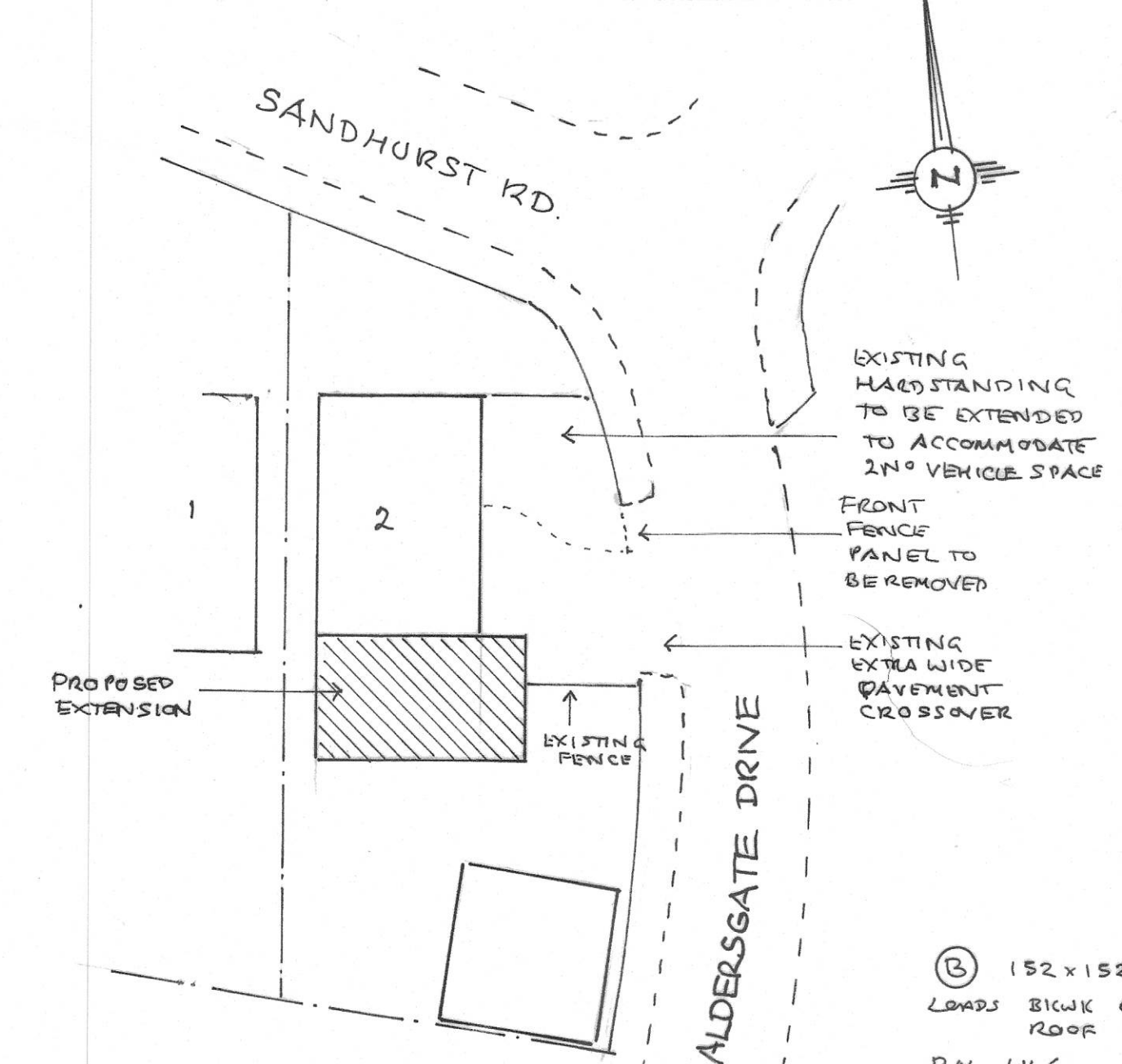
GENERAL NOTES

ALL DIMENSIONS INCLUDING ROOF PITCHES TO BE CHECKED BY CONTRACTOR BEFORE WORK COMMENCES. ALL WORK TO COMPLY WITH CURRENT BUILDING REGULATIONS AND CARRIED OUT TO THE COMPLETE SATISFACTION OF THE DISTRICT B.C.O. ALL TIMBER TO BE TREATED WITH PRESERVATIVE. ALL NEW STEELWORK TO BE ENCASED IN 12M GYPSUM 'FIRELINE' BOARD FOR 30 MINUTES FIRE PROTECTION. ALL GALV. LINTOLS TO BE INSULATED AND ENCASED WITH 12MM PLASTERBOARD AND SKIMPOR 30 MINUTES FIRE PROTECTION. ALL ELECTRICAL WORK TO BE UNDERTAKEN BY NICEIC APPROVED CONTRACTOR WITH AN INSTALLATION CERTIFICATE TO BE PROVIDED ON COMPLETION. ALL NEW RADIATORS TO BE FITTED WITH THERMOSTATIC VALVES AND C.H. BOILERS TO BE REPLACED IF NECESSARY WITH CONDENSING TYPE BOILERS AND INSTALLED BY A CORGI REGISTERED CONTRACTOR. TOUGHENED OR LAMINATED SAFETY GLASS TO BE USED IN ALL CRITICAL LOCATIONS. *

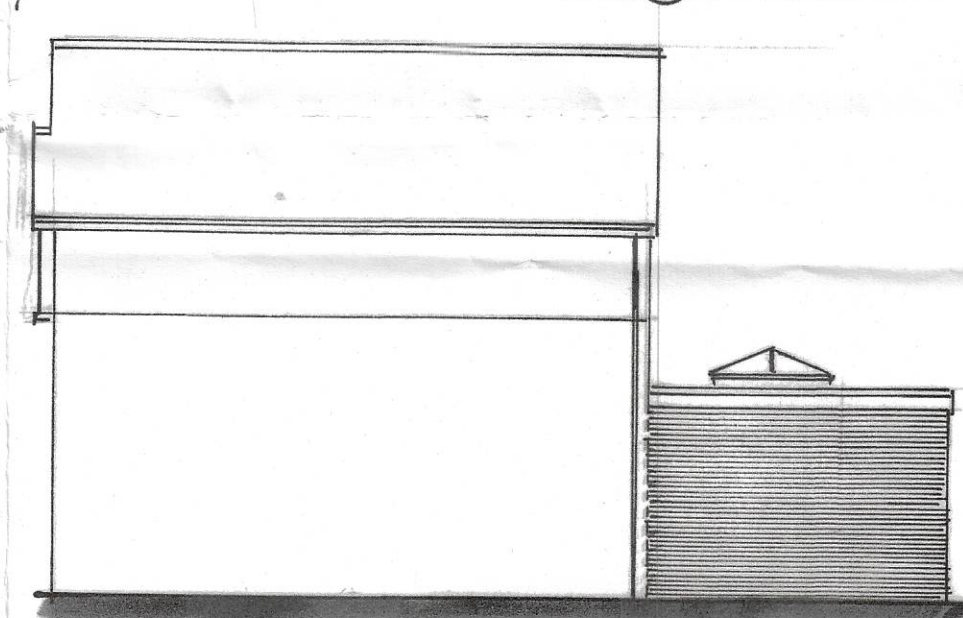
STEEL CHECK

(A) 203x133 mm 30kg/m UB SPAN 4000
LOADS BSWK 3.6 x 4 x 2.2 31.68
FLOOR 1.5 x 4 x 2.5 15.00
W 46.68 KN
BM WL/8 = 23.34 KNm
Z_{ed} M_{pl} = 141 cm² ✓
S_p 4360 = 11.1 mm
S_a SWL³ = 38.9 = 6.4 mm
384ET

SITE PLAN 1:200



REAR ELEVATION (X)



WINDOWS

ALL NEW WINDOWS AND ROOF LIGHTS IN U.P.V.C OR H.W. FRAMES TO HAVE 20MM SEALED DOUBLE GLAZED UNITS INCORPORATING LOW EMISSIVITY 'K' GLASS TO ACHIEVE A MAXIMUM 1.4W/M² K VALUE.

VENTILATION

ALL HABITABLE ROOMS TO HAVE AT LEAST 8000MM³ BACKGROUND VENTILATION PROVIDED THROUGH TRICKLE VENTILATIONS BUILT INTO WINDOW FRAMES OR 2 NO 225 X 150MM AIR BRICKS WITH LOUVERED CONTROLLABLE PLESTER VENTS. AT LEAST 4000MM³ BACKGROUND VENTILATION TO BE PROVIDED TO KITCHENS, BATHROOMS AND UTILITY ROOMS. WINDOW FRAMES TO INCORPORATE OPENING VENTS EQUIVALENT TO AT LEAST 5% OF THE FLOOR AREA OF THE ROOM SERVED.

SECTION

ROOF: GRP COVERING BY SPECIALIST ON 18m PLY OVER 150mm ICING PAN THERMA-ROOF TR 26 ON 17m PLY ON TAPERED FUSINGS ON 200x50mm JCS JOISTS @ 400% WITH 9mm PB AND SKIM CEILING.

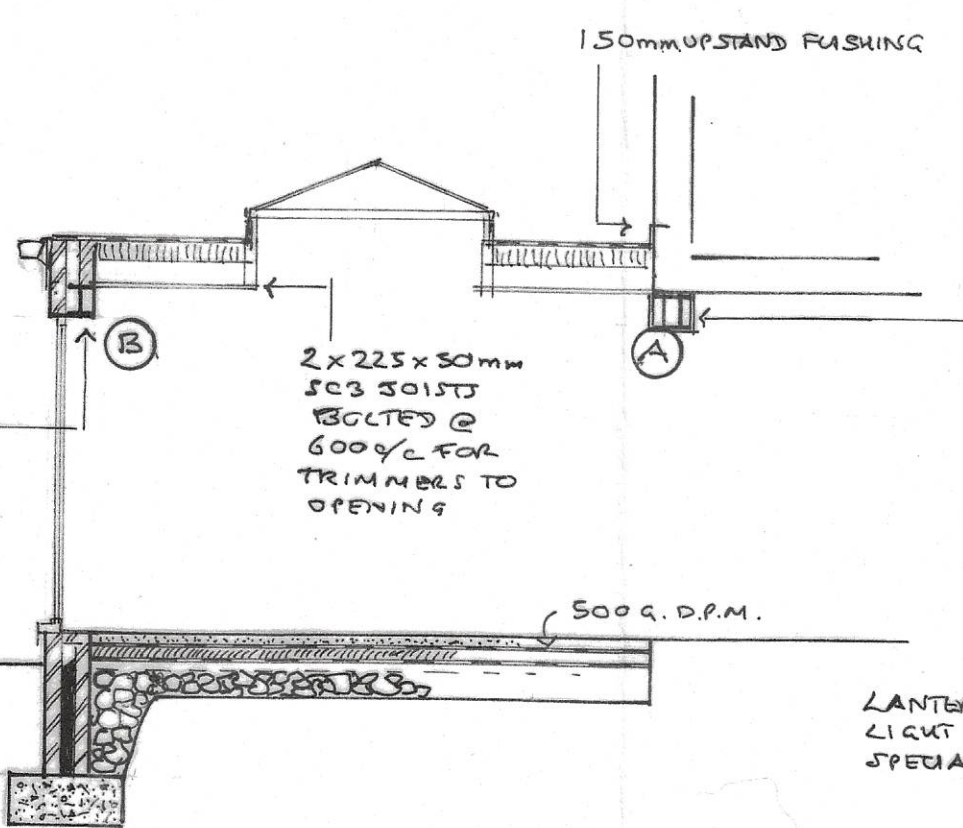
2N°203x133mm 30kg/m U.B. 1'S BOUGHT @ 600% SEATED ON P.C.C. PADSTONE

WALL CONSTRUCTION

TWO COAT SAND CEMENT RENDER TO MATCH EXISTING ON 100MM CONCRETE BLOCKWORK OR SELECTED FACING BRICK OUTER LEAF 100MM CAVITY WITH EXISTING 32 ULTIMATE FULL RILL 100MM CELCON SOLAR BUK INNER LEAF WITH 32.5mm GYPROC THERMA-VAL BOARD FOR 0.18U VALUE. STAINLESS STEEL CAVITY TIES TO BE PROVIDED AT 450 = 750MM CENTRES AND AT 300MM CENTRES AROUND ALL OPENINGS. INSULATED 'THERMABATE' OR SIMILAR CAVITY CLOSERS WITH INSULATED CATNIC OR I.G. PROPRIETARY GALV. STEEL LINTOLS TO BE PROVIDED OVER ALL CAVITY WALL OPENINGS WITH A MINIMUM 150MM END BEARING. TIMBER STUD PARTITIONS 75 X 50MM STUDDING WITH MINERAL WOOL INFILL AND 12MM PB AND SKIM BOTH SIDES.

125mm P.V.C. GUTTERING CLIPPED @ 800%

152x152mm 37kg/m UB WITH 10mm STEEL PLATE WELDED TO U/SIDE SEATED ON P.C.C. PADSTONE



FOUNDATIONS

TWO LEAVES BRICKWORK BELOW D.P.C. LEVEL WITH CONCRETE CAVITY FILL UP TO 225MM BELOW D.P.C. LEVEL STRIP CONCRETE FOOTINGS MINIMUM 600MM X 200MM THICK AT LEAST 1000MM DEEP BEARING ON FIRM CLAY SUB STRATA, OVERALL SIZE AND DEPTH TO SUIT GROUND CONDITIONS IN AGREEMENT WITH THE B.C.O./A.I.

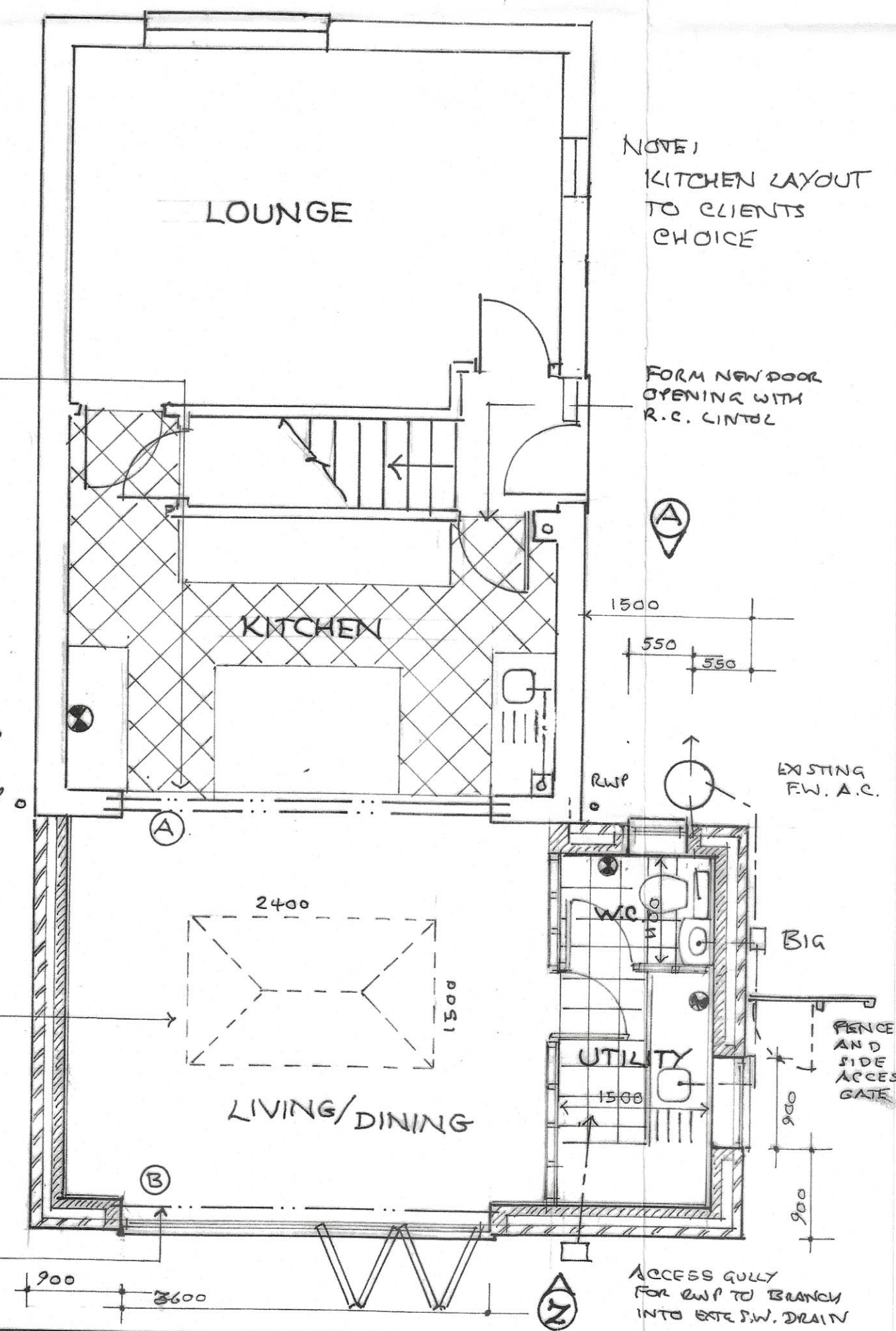
GROUND FLOOR

100MM CONCRETE SLAB WITH SELF LEVELLING SCREED AND FINISH TO CLIENT'S CHOICE ON 120MM 'CELOTEX' ON 1200 G VISQUEEN DPM ON 50MM SAND BLINDING OVER 150MM WELL CONSOLIDATED BRICK HARDWARE. INSULATION BOARD TO BE TURNED UP AT EDGE OF SLAB, D.P.C. AND D.P.M. TO BE LAPPED AND BONDED.

(B) 152x152mm 37kg/m UB SPAN 4000

LOADS BSWK 0.5 x 4 x 4.5 9.0
ROOF 2.0 x 4 x 2.0 16.0
W 25.0 KN
BM WL/8 = 12.51 KNm
Z_{ed} M_{pl} = 76 cm² (274) ✓ S_p 4360 = 11.1 mm
S_a SWL³ = 20.8 = 4.4 mm ✓
384ET

GROUND FLOOR PLAN 1:50



NOTE: KITCHEN LAYOUT TO CLIENTS CHOICE

FORM NEW DOOR OPENING WITH R.C. LINTOL

EXISTING F.W. A.C.

ACCESS GULLY FOR SWP TO BRANCH INTO EXISTING DRAIN

CLIENT
MR & MRS D. HAGAN

SCHEME
SINGLE STOREY
EXTENSION AT REAR
AND FRONT

ADDRESS
N°2 ALDERSGATE DRIVE
HALEWOOD
L26 9YB

DRAWING TITLE	NUMBER	REVISION
PROPOSALS	AD 01	A
DATE	JUNE 2023	SCALES
22/06/23		1:50 1:100

1:100 1:50