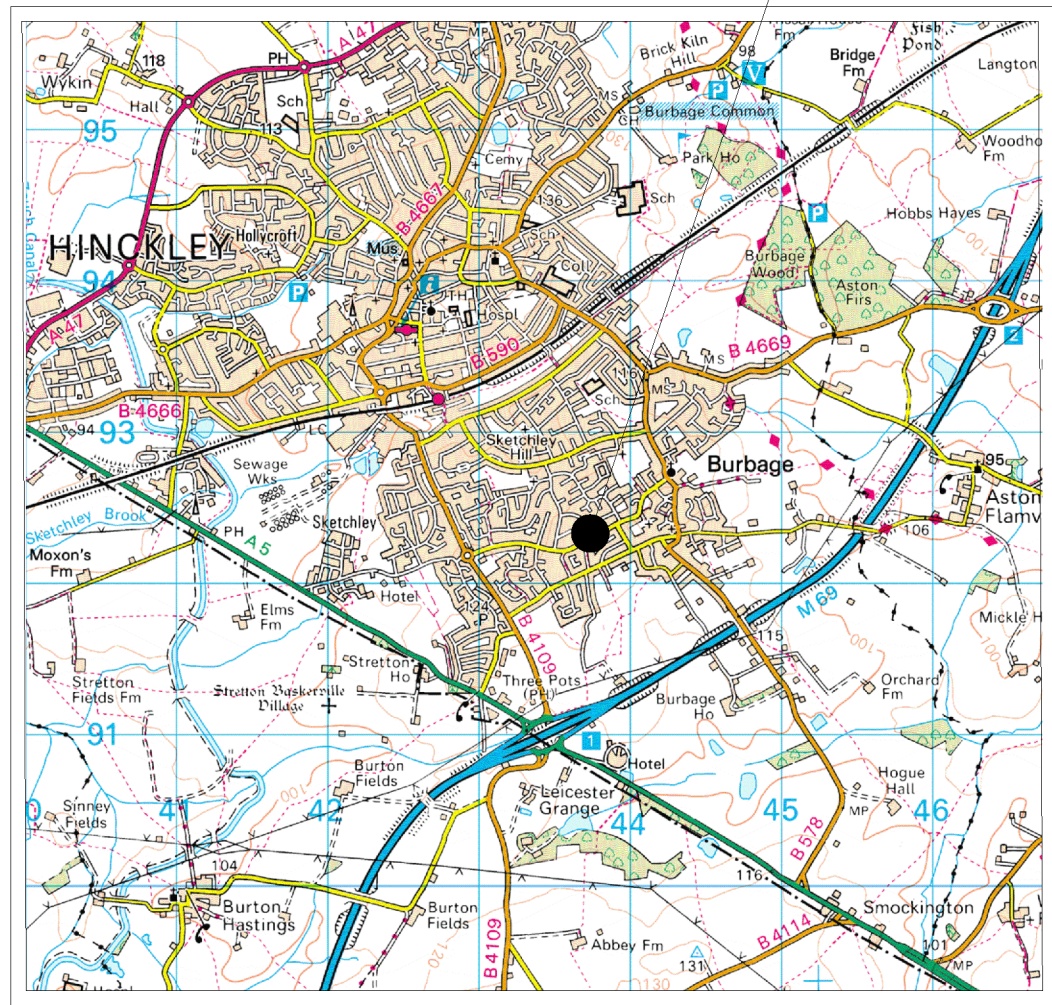
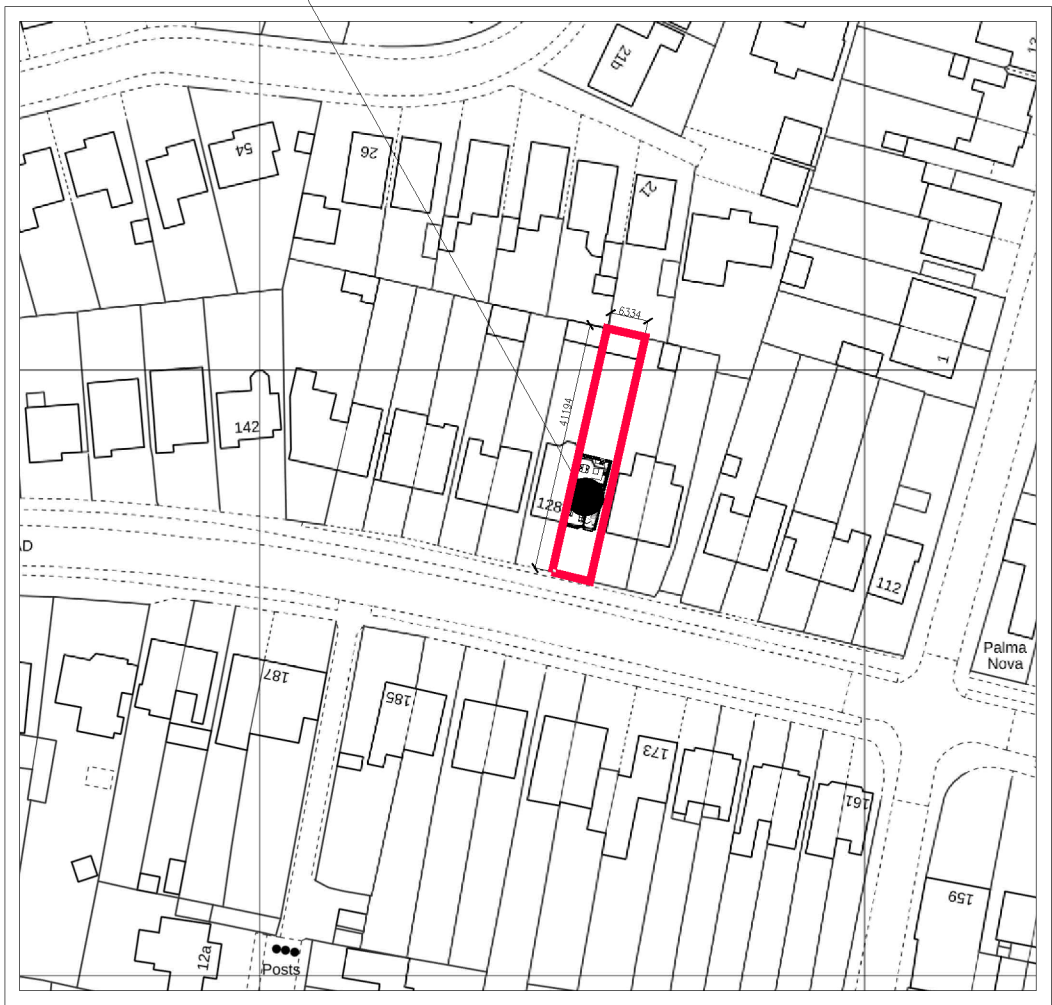




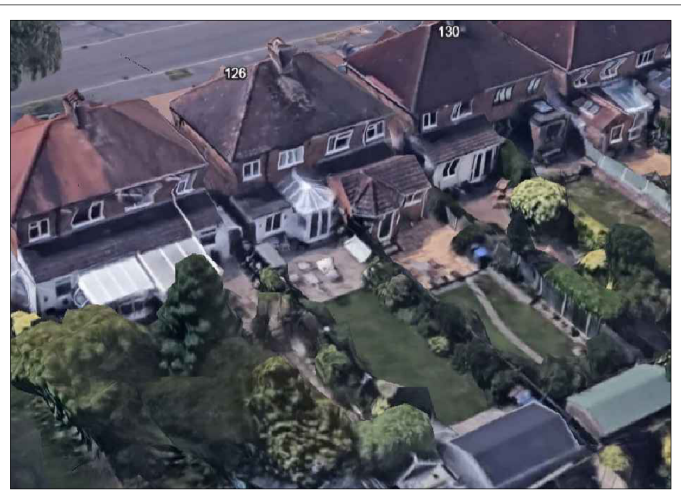
0 500 1000 1500 2000 2500m
1:50000
LOCATION PLAN
SCALE 1:50,000



0 12.5 25 37.5 50 62.5m
1:1250
BLOCK PLAN
SCALE 1:1250



NORTH SOUTH ELEVATION
SCALE N.T.S



AERIAL STREET VIEW
SCALE N.T.S



SOUTH NORTH ELEVATION
SCALE N.T.S

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DWG No:—	LD0046/P1/001

A3

LOCATION / BLOCK PLANS
SCALE N.T.S

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PROPOSED FOUNDATIONS

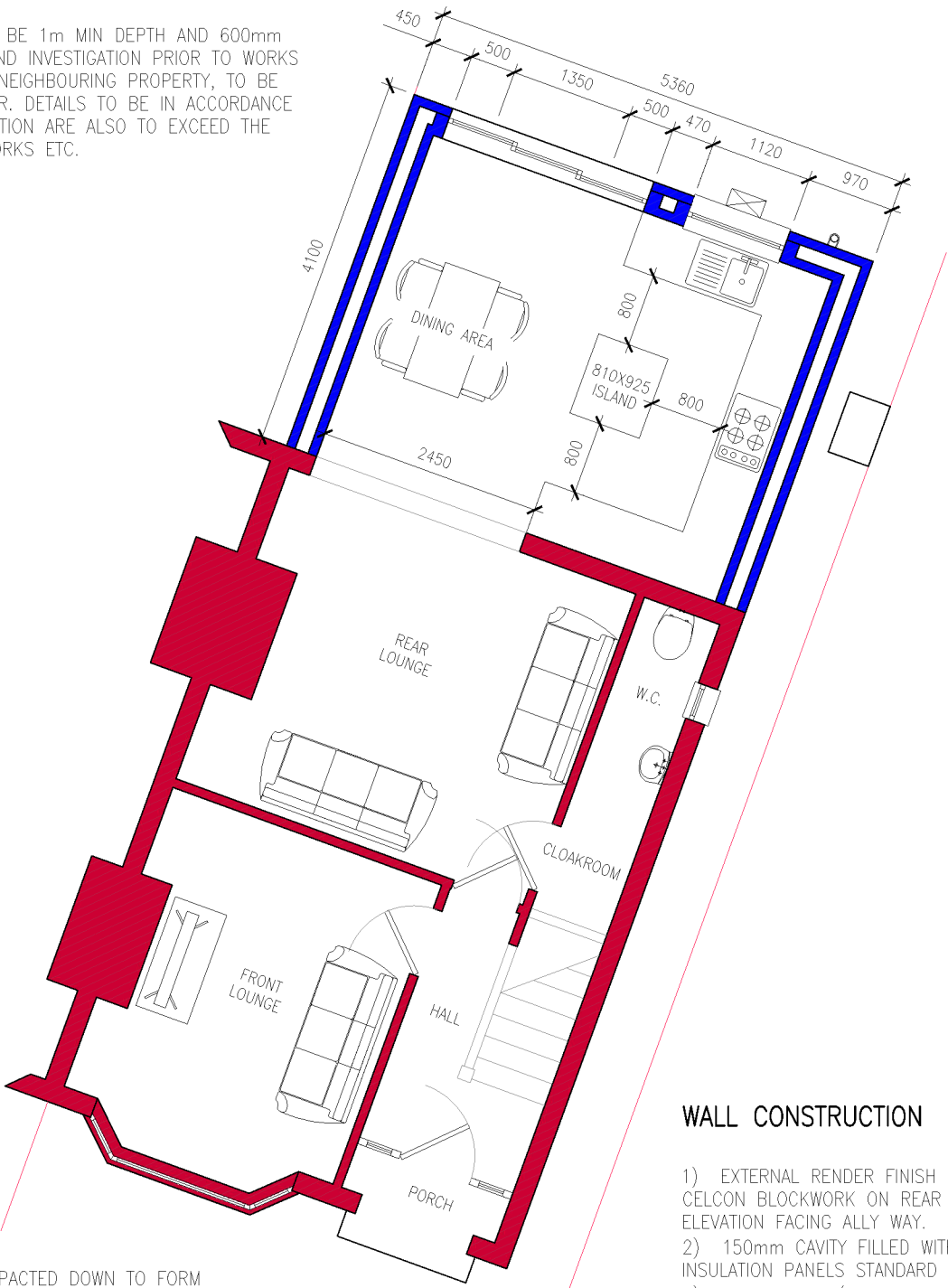
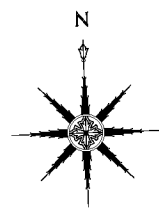
PROPOSED FOUNDATION SIZES TO BE 1m MIN DEPTH AND 600mm WIDE WILL BE SUBJECT TO GROUND INVESTIGATION PRIOR TO WORKS ESPECIALLY IN REGARDS TO THE NEIGHBOURING PROPERTY, TO BE CARRIED OUT BY THE CONTRACTOR. DETAILS TO BE IN ACCORDANCE WITH NHBC GUIDE LINES. FOUNDATION ARE ALSO TO EXCEED THE INVERT LEVEL OF ALL SEWAGE WORKS ETC.



EXISTING GROUND FLOOR LAYOUT
SCALE 1:75

FLOOR CONSTRUCTION (PART L)

- 1) 100mm OF TYPE ONE HARDCORE COMPACTED DOWN TO FORM SUB BASE
- 2) 50mm SAND BLINDING TO BE LAID OVER FOR DPM PROTECTION
- 3) 1 LAYER OF DPM TO BE LAID ON TOP LINKING INTO DPC ABOVE EXTERNAL GROUND LEVEL
- 4) 75mm MINIMUM LAYER OF CELOTEX INSULATION TO INCREASE THERMAL RESISTANCE TO CORRECT U VALUE OF 0.28Wm2k
- 5) SEPARATION MEMBRANE TO BE LAID ON TOP OF INSULATION AS PER MANUFACTURERS SPECIFICATIONS FOR DETERMINATION PROTECTION.
- 6) CONCRETE FLOOR SLAB TO BE 100mm THICK WITH FLOOR SCREED OVER FOR FINISH A142 MESH TO BE USED AS REINFORCEMENT TOP AND BOTTOM IF REQUIRED.
- 7) 30mm OF CELOTEX TO BE INSTALLED AROUND PERIMETER OF FLOOR CONSTRUCTION TO ELIMINATE COLD SPOTS



PROPOSED GROUND FLOOR LAYOUT
SCALE 1:75

WALL CONSTRUCTION

- 1) EXTERNAL RENDER FINISH OVER 100mm 7.3N/mmsq STANDARD CELCON BLOCKWORK ON REAR ELEVATION ONLY, BRICK FINISH TO ELEVATION FACING ALLY WAY.
- 2) 150mm CAVITY FILLED WITH 150mm FULL FILL DRITHERM INSULATION PANELS STANDARD SIZE KEEPING U VALUE TO BELOW 0.3
- 3) 100mm 7.3N/mmsq STANDARD CELCON BLOCKWORK
- 4) PLASTER SKIMMED INNER SKIN OR 12.5mm PLASTERBOARD ON DABS INTERNALLY
- 5) LATERAL RESISTANCE STRAPS USED THROUGH OUT MASONARY BRICK & BLOCK WORK TO BS5628
- 6) PROVISION OF DAMP PROOF COURSE TO ALL EXTERNAL WALLS TO RESIST PASSAGE OF MOISTURE WITH DPM LINKED ON TOP
- 7) WALL CAVITY TO BE FILLED WITH LEAN CONCRETE MIX AND TO FINISH 225mm BELOW DPC LEVEL
- 8) APPROPRIATE SIZED CAVITY CLOSER TO BE USED TO REDUCE THE PASSAGE OF MOISTURE BELOW DPC LEVEL

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DWG No:—	LD0046/P1/002

SMOKE / HEAT DETECTION (PART B)

SMOKE DETECTORS AND ALARM SYSTEM TO BE IN ACCORDANCE WITH BS5839-6:2004 MAINS LINKED WITH BATTERY BACK UP. POSITION WHERE SIGNIFIED "SD" AND SHOULD BE FITTED WITHIN 7 ½ METERS OF DOORS LEADING INTO HABITABLE ROOMS AT ALL LEVELS. ALSO A HARDWIRED AND BATTERY BACKUP HEAT DETECTOR SIGNIFIED "HD" POSITIONED IN KITCHEN AREA .

ALL PROPOSED SLIDING DOORS TO NEW EXTENSION, DOUBLE GLAZE WITH 'E' GLASS AND LINTEL OVER TO BE SPECIFIED BY MANUFACTURER

PROPOSED 2NO ROOF TURRETS WITH 2000mm X 1000mm VELUX WINDOWS FITTED - NON-OPENING

ELECTRICS

ALL ELECTRICS ARE TO BE DESIGNED AND INSTALLED BY A COMPETANT PERSON AND COMPLETION CERTIFICATE TO BE ISSUED BY THE APPROPRIATE MONITORING BODY

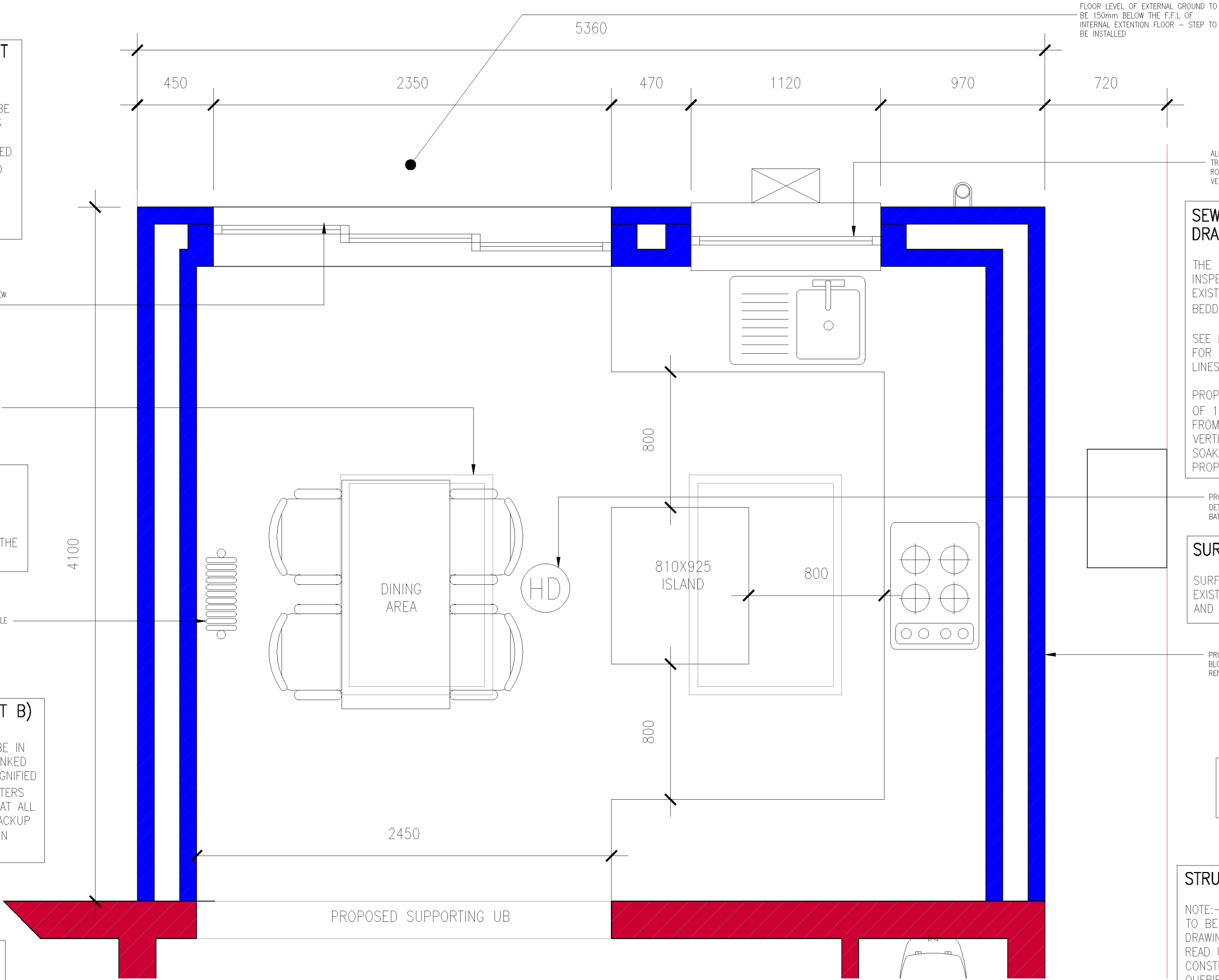
PROPOSED TOWL RADIATOR OF SUITABLE SIZE FOR ROOM VOLUME LINKED TO CENTRAL HEATING SYSTEM

SMOKE / HEAT DETECTION (PART B)

SMOKE DETECTORS AND ALARM SYSTEM TO BE IN ACCORDANCE WITH BS5839-6:2004 MAINS LINKED WITH BATTERY BACK UP. POSITION WHERE SIGNIFIED "SD" AND SHOULD BE FITTED WITHIN 7 ½ METERS OF DOORS LEADING INTO HABITABLE ROOMS AT ALL LEVELS. ALSO A HARDWIRED AND BATTERY BACKUP HEAT DETECTOR SIGNIFIED "HD" POSITIONED IN KITCHEN AREA .

LINTELS

CONTRACTOR TO REQUEST CALCULATIONS FOR LINTELS CARRIED OUT BY MANUFACTURER, RESULTS TO BE SUMITTED TO BUILDING CONTROL INSPECTOR FOR APPROVAL.



ALL UPVC WINDOW FRAMES TO BE TRICKLE VENT FRAME FOR EQUAL ROOM SIZE BACKGROUND VENTILATION

SEWAGE / MANHOLES / DRAINAGE LINES

THE INVERT LEVEL OF PROPOSED INSPECTION CHAMBER TO MATCH THAT OF EXISTING WITH 100mmØ PVC DUCTING ON BEDDED 'P' GRAVEL

SEE PROPOSED / EXISTING SITE LAYOUT FOR LOCATION OF MANHOLE, DRAINAGE LINES AND SOAKAWAY ETC.

PROPOSED DRAINAGE LINES ARE TO BE OF 100mm PVC PIPING ON 'P' GRAVEL FROM GULLY LOCATIONS AT BASE OF VERTICAL GUTTERING DOWN PIPES TO NEW SOAKAWAY LOCATION 5m MINIMUM FROM PROPOSED EXTENSION

PROPOSED MAINS LINKED HEAT DETECTOR TO BE INSTALLED C/W BATTERY BACKUP

SURFACE WATER

SURFACE WATER TO BE ROUTED TO THE EXISTING COMBINED SURFACE WATER AND FOUL WATER DRAINAGE SYSTEM

PROPOSED EXTENSION TO BE BLOCK CONSTRUCTION WITH RENDER FINISH

PROPOSED 15L/SEC MECHANICAL EXTRACTION UNIT WITH 15MIN OVERRUN LINKED TO LIGHT SWITCH FITTED TO KITCHEN WALL

STRUCTURAL CALCULATIONS

NOTE:- STRUCTURAL CALCULATIONS ARE TO BE READ IN CONJUNCTION WITH THE DRAWINGS AND BUILDER IS TO VIEW FULLY READ UNDERSTAND PRIOR TO ANY CONSTRUCTION WORKS. ANY AND ALL QUERIES ARE TO BE SUBMITTED TO LOGIC DEZIGN BEFORE ANY WORKS ARE UNDERTAKEN.

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SUBJECT:- EXTENSION PLAN
DWG No:- LD0046/P1/003

A3

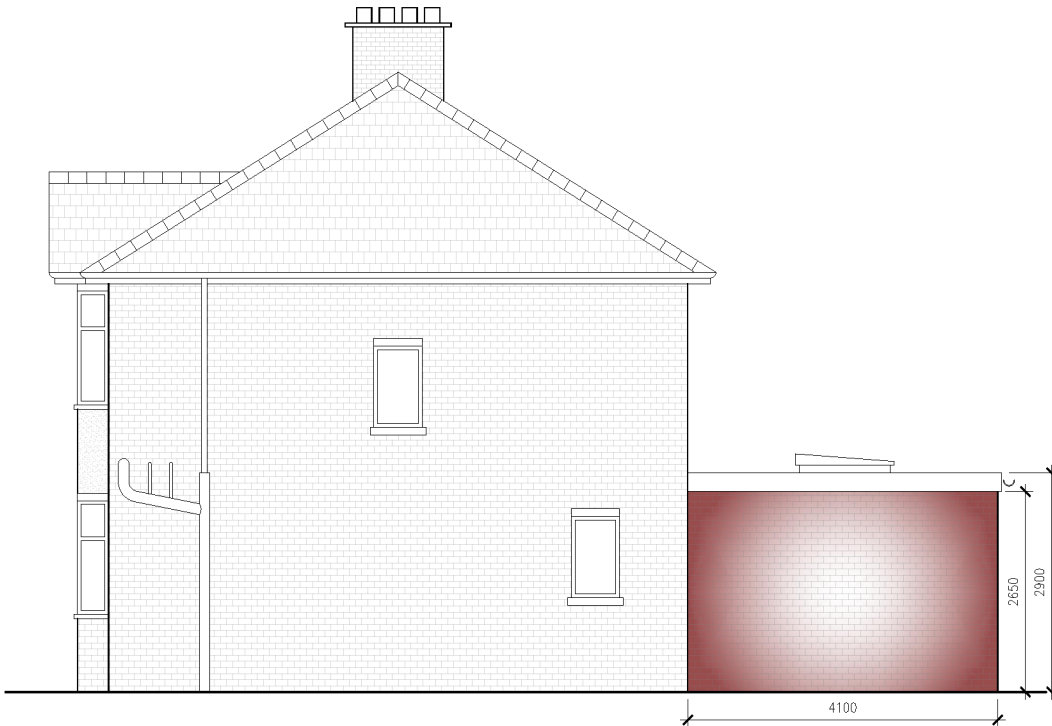
EXISTING & PROPOSED EXTENSION PLANM

SCALE 1:25

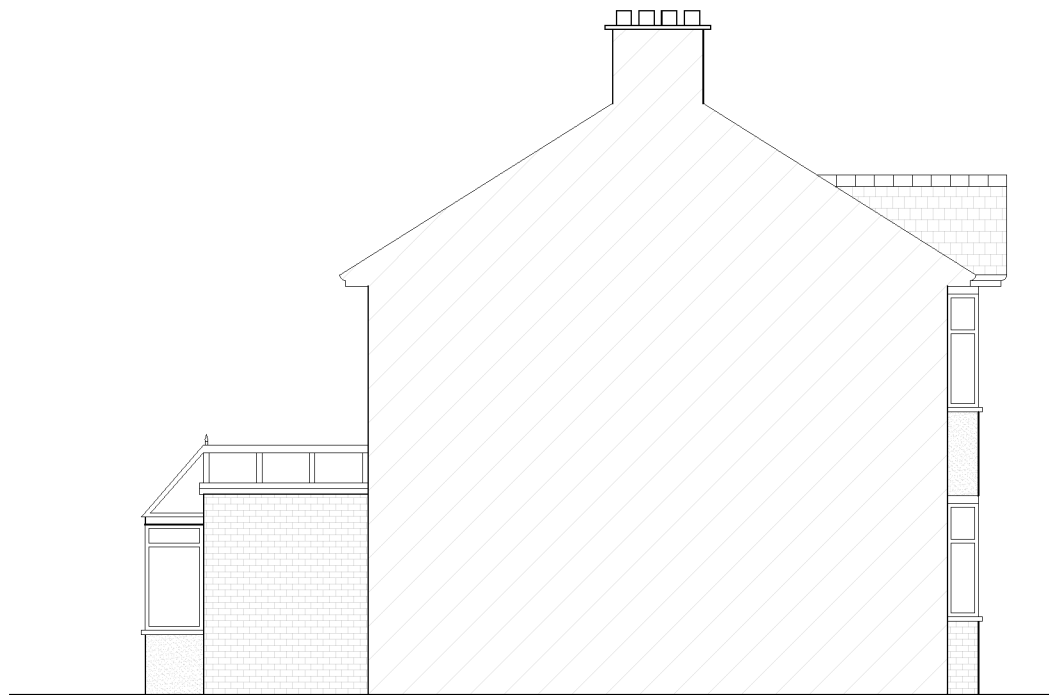
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EXISTING EAST ELEVATION
SCALE 1:100



PROPOSED EAST ELEVATION
SCALE 1:100



EXISTING WEST ELEVATION
SCALE 1:100

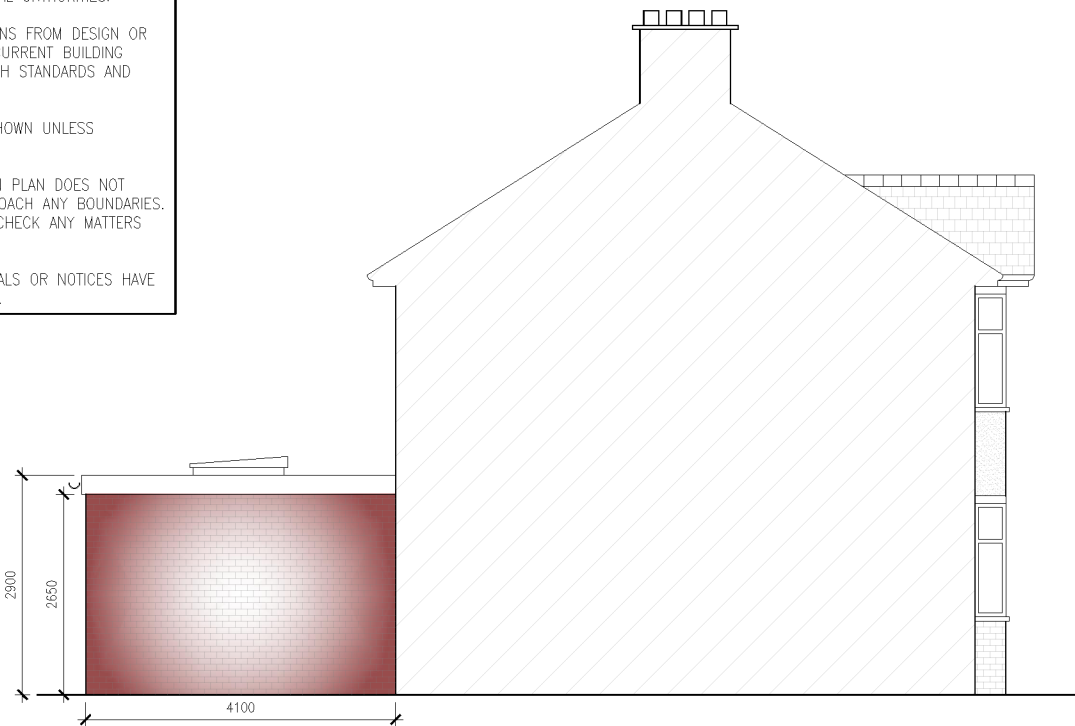
CONTRACTOR SHOULD CHECK PLAN ON SITE AT QUOTATION STAGE AND BEFORE COMMENCEMENT OF WORK. ANY ERRORS, OMISSIONS OR DESIGN CHANGES REQUIRED SHOULD BE REPORTED IMMEDIATELY TO ENABLE PLANS TO BE SUBMITTED TO THE LOCAL ORTHORITIES.

ALL WORK SHOWN ON PLAN, OR ANY DEVIATIONS FROM DESIGN OR MATERIALS SPECIFIED, SHOULD COMPLY WITH CURRENT BUILDING REGULATIONS, PLANNING REQUIREMENTS, BRITISH STANDARDS AND CODES OF PRACTICE.

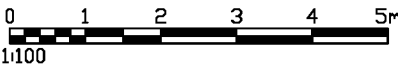
ELECTRICAL INSTALLATION AND HEATING NOT SHOWN UNLESS SPECIFICALLY REQUESTED.

CLIENT SHOULD CHECK THAT WORK SHOWN ON PLAN DOES NOT CONTRAVENE OR AFFECT COVENANTS OR ENCROACH ANY BOUNDARIES. IT IS THE RESPONSIBILITY OF THE CLIENT TO CHECK ANY MATTERS REGARDING TITLE OF THE LAND.

NO WORK SHOULD BE STARTED UNTIL APPROVALS OR NOTICES HAVE BEEN OBTAINED FROM THE LOCAL AUTHORITIES.



PROPOSED WEST ELEVATION
SCALE 1:100



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DWG No:—	LD0046/P1/004

A3

EXISTING & PROPOSED ELEVATIONS
SCALE 1:100

LOGIC DESIGN
ARCHITECTURAL SERVICES



EXISTING NORTH ELEVATION
SCALE 1:50



PROPOSED NORTH ELEVATION
SCALE 1:50

FIRE PROTECTION TO STEEL BEAMS / LINTELS

STEEL BEAMS SHALL BE PROTECTED WITH 12.5mm THICK FIRELINE BOARD FIXDE TO GYPLINER ENCASE (OR SIMILAR) TO GIVE 30mins FIRE RESISTANCE. OR ALTERNATIVELY 2 COATS OF INTUMESCENT PAINT GIVING 30MINS PROTECTION

ROOF CONSTRUCTION (PART C)

- PROPOSED WARM DECK CONSTRUCTION TO BE:
- 1) WATERPROOF RUBBER MEMBRANE
 - 2) ½” PLYBOARD
 - 3) 120mm CELOTEX INSULATION
 - 4) 1200 GAUGE DPM
 - 5) ½” PLYBOARD
 - 6) JOISTS, SIZE TO BE SUPPLIED BY STRUCTURAL ENGINEER

PROPOSED WINDOWS / DOORS

ALL PROPOSED EXTENSION WORK TO HAVE NEW PVC WINDOWS

BUILDING NOTES / SPECIFICATIONS

- 1) THE REQUIREMENTS OF THE PARTY WALL ACT 1996 MUST BE IMPLEMENTED
- 2) HORIZONTAL AND VERTICAL DPC TO ALL OPENINGS.
- 3) ALL PLUMBING TO BS5572. SHOWER, WASH HAND BASIN, BATH ETC TO BE FITTED WITH DEEP SEAL TRAPS.
- 4) ALL ELECTRICS TO BS 7671. AT LEAST ONE LAMP TO BE OF A TYPE TO GIVE A LUMENANCE EFFICIENCY GREATER THAN 40 LUMENS PER CIRCUIT WATT.
- 5) ALL NEW STEELWORK TO BE PAINTED WITH 2No. LAYERS OF INTUMESCENT PAINT.
- 6) ALL DOORS SPECIFIED "FD" TO BE 1/2 HR FIR DOORS (DO NOT INCREASE THE SIZE OF THERE REBATES, USE INTUMESCENT TAPE STUCK TO DOORS OR CASINGS TO GIVE A SNUG TIGHT AND FIRE PROTECTION).
- 7) SMOKE DETECTORS AND ALARM SYSTEM TO BE IN ACCORDANCE WITH BS5839-6:2004. POSITION WHERE SIGNIFIED "SD" AND SHOULD BE FITTED WITHIN 7 ½ METERS OF DOORS LEADING INTO HABITABLE ROOMS AT ALL LEVELS.
- 8) IN POSITIONS IN WHICH FLOOR JOISTS RUN PARALLEL TO JOISTS, DOUBLE UP FLOOR JOISTS DIRECTLY BELOW NEW WALLS.
- 9) BUILDING INSPECTOR MAY ASK FOR THE EXTERNAL WALLS TO BE UPGRADED THERMALLY. IF SO STICK 50 CELOTEX TO WALLS WITH PROP. ADHESIVE THEN SCREW AND GLUE 40x25 SC3 TIMBERS AT 450mm CTRS TO WALL. 9.5mm PLASTERBOARD AND PLASTER SKIM. (PLEASE TAKE NOTE OF No.11 ABOVE).

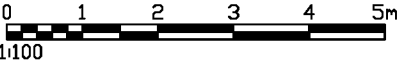
GLAZING / FRAMES

ALL PROPOSED GLAZING TO BE OF THERMOSTAR GLAZING PROVIDING (U=1.6 W/msqK*), INCLUDES 24mm DOUBLE GLAZING WITH 4mm FLOAT INNER WITH LOW 'E' COATING, 16mm ARGON GAS FILLED CAVITY AND 4mm TOUGHENED INNER AND OUTER PANES.

ALL PROPOSED uPVC WINDOW FRAMES TO INCLUDE DOUBLE OPENINGS GIVING 1/10 RAPID VENTILATION AND WITH 8000mmsq TRICKLE VENTS FOR BACKGROUND VENILATION.

EXISTING LOUNGE CURRENTLY MEETS RAPID VENTILATION REQUIREMENTS AND WITH FITTED TRICKLE VENTS FOR BACKGROUND VENTILATION. AREA OF BUILD IS NOT BEING ALTERED AND SO NO UPGRADE WILL BE NECESSARY.

THE GLAZING IN THE DOOR(S) AND/OR SIDE PANELS TO A HORIZONTAL DISTANCE OF 300mm FROM THE DOOR AND TO A MINIMUM HEIGHT OF 1500mm ABOVE FLOOR LEVEL WILL BE LAMINATED OR TOUGHENED GLASS COMPLYING WITH BS6206; 1981. PART N.



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DWG No:--	LD0046/P1/005

A3

EXISTING & PROPOSED ELEVATIONS
SCALE 1:50

