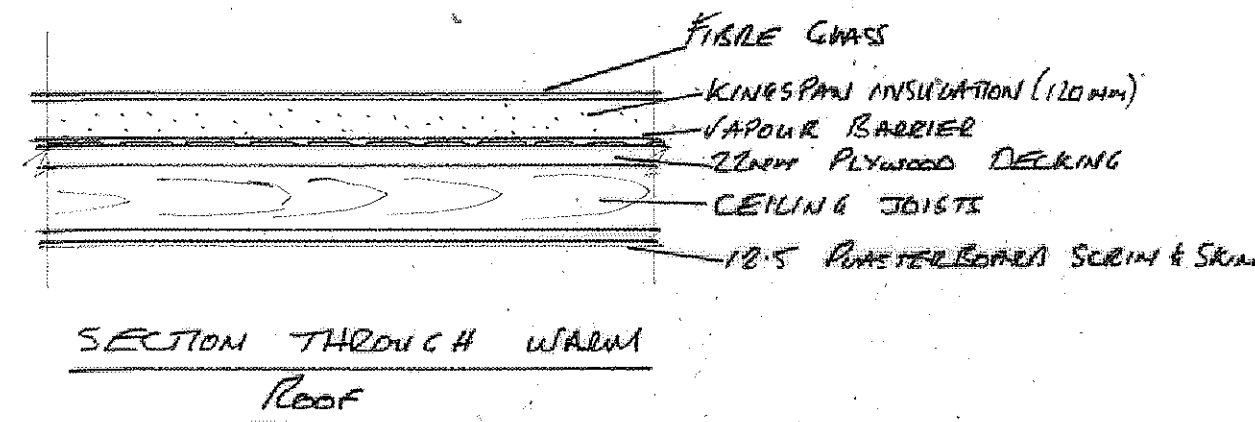
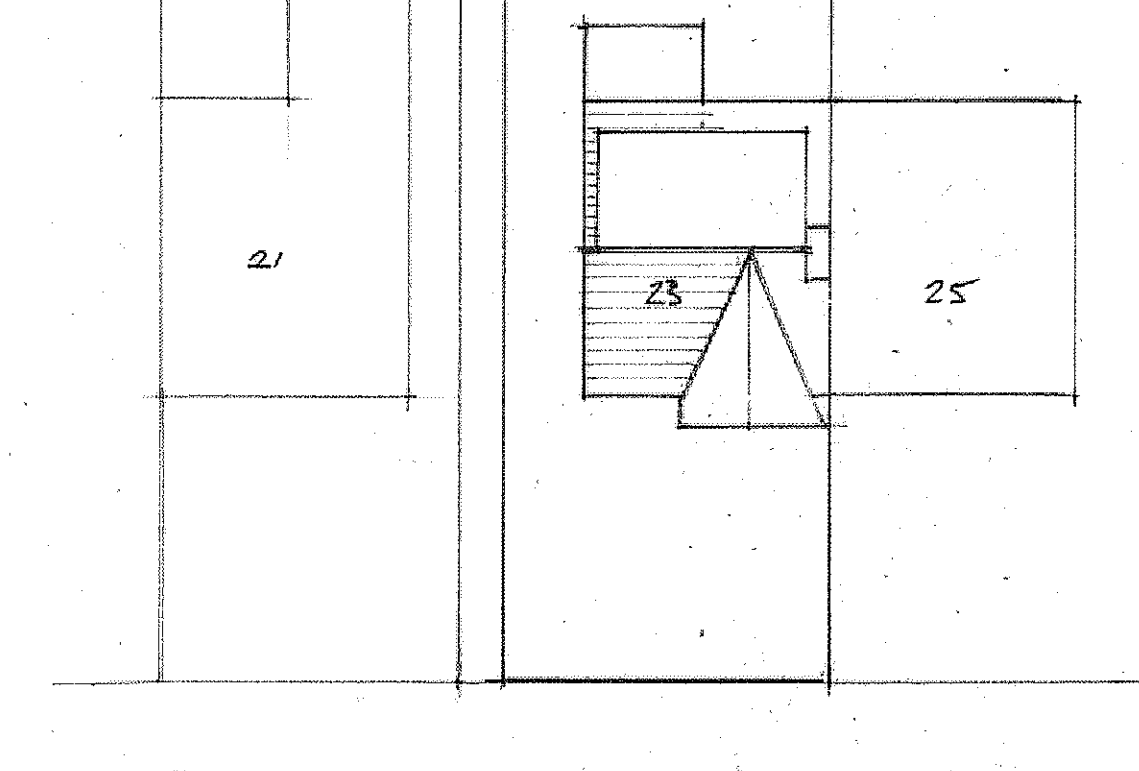


North

Scale 1:200



SECTION THROUGH WARM
Roof



NORTH FIELD ROAD

Block Plan

NOTES:—

- WALLS U VALUES 0.28 W/m²K

10. 100MM FACING BRICKS TO MATCH EXISTING HOUSE TO BE SUBMITTED TO L.A. FOR APPROVAL.
11. 50MM CLEAR CAVITY 50MM KINGSPAN INSULATION TO CAVITY
12. 100MM THERMAL BLOCK WORK INNER LEAF.
13. STAINLESS STEEL WALL TIES @ 450MM CS VERTICALLY & 900MM HORIZONTALLY.
14. PLASTERBOARD & SKIM ON DABS TO ALL NEW INTERNAL WALLS.

Proof:-

15. FIT VENT SLATES.
16. NEW ROOF WITH TILES TO MATCH EXISTING HOUSE (PITCH TO FOLLOW EXISTING PITCH OF ROOF) TILES TO BE APPROVED BY L.A. BEFORE WORK COMMENCES.
- 50K 25 TREATED BATTENS ON BREATHABLE FELT ON 200K 50MM SW. RAFTERS & 400MM CFS WITH 300MM QUILT INSULATION BETWEEN CEILING JOISTS CLOSE LAPPED WITH PLASTERBOARD & SKIN. FINISH
- WARM ROOF TO JOINER SEE DETAIL.
- 100MM PVC HR. GUTTERING TO MATCH EXISTING HOUSE. INTO 65MM Ø RWP.

GENERAL NOTES:-

11. MAINS WIRED INTERLINKED SMOKE DETECTORS ● ARE TO BE PROVIDED IN CIRCULATION AREAS TO COMPLY TO BS. EN 14602 : 2005 OR 3441-2 : 2005.
12. ALL ELECTRICAL WORK TO MEET REQUIREMENTS OF PART P (ELECTRICAL SAFETY) WILL BE DESIGNED, INSTALLED & INSPECTED & TESTED BY A PERSON REGISTERED WITH COMPETENT PERSON SCHEME AND IN ACCORDANCE WITH B.S. 7671 OF THE CURRENT EDITION OF WIRING REGULATIONS.
13. 75% OF NEW LIGHTING MUST BE LOW ENERGY LIGHT FITTINGS EFFICIENT WITH LAMPS HAVING A LUMINOUS EFFICIENCY GREATER THAN 45 LUMENS PER CIRCUIT-WATT.
14. INSULATION TO WALLS & ROOF TO BE CONTINUOUS TO LIMIT THERMAL BRIDGING & AIR LEAKAGE.
15. NEW WINDOWS TO BE UPGRADE (COLOUR TO MATCH EXISTING) DOUBLE GLAZED Pilkington 'K' GLASS.
16. U VALUES :-
WALLS :- 0.18 W/m²K ROOF :- 0.15 W/m²K
WINDOWS :- 1.6 W/m²K.
17. VELUX ROOF LIGHTS MUST BE INSTALLED WITH PROPRIETARY KERB UPSTAND TO PROVIDE MIN 28° PITCH PROVIDE DOUBLE BATTENS TO VELUX TO TRIM OUT ROOF LIGHTS.
18. 75x50mm STUD PARTITIONING, INSULATED 12mm PLASTERBOARD & SKIN DOUBLE JOISTS BELOW NEW STUD WALLS.
19. 516 LEAD FLASHING AROUND PERIMETER OF DORMER

46. 75MM KINGSpan KT INSULATION IS REQUIRED BETWEEN THE EXISTING RAFTERS & AN ADDITIONAL LAYER OF 50MM KINGSpan INSULATION IS REQUIRED BENEATH THE RAFTERS 625MM K118 INSULATED PLASTERBOARD TO BE USED FOR THIS. ENSURE THAT A 50MM AIR GAP IS MAINTAINED ABOVE THE RATED BATTEN

OUT BELOW THE EXISTING RAFTERS TO ACHIEVE THE OVERALL DEPTH OF 125MM USING ALTERNATIVE OPTION OF 2 LAYERS OF Y.B.S. SUPERQUILT. BATTEN OUT BENEATH THE RAFTERS TO MAINTAIN 50MM AIR GAP & PROVIDE 32.5MM K.I.I.S INSULATED PLYSTERBOARD BENEATH TO ACHIEVE THE REQUIRED THERMAL PERFORMANCE.

THE LOW LEVEL STUD PARTITION TO TRIANGULAR VOID AT THE EAVES 100MM KINGSPAN WITH ADDITIONAL LAYERS OF 20MM KINGSKAN IN THE INNER SIDE OR THE INSULATION DETAIL FOR THE ROOF SHOULD BE CONTINUED DOWN THE VERTICAL PARTITIONS. 20MM QUILT INSULATION IS REQUIRED IN THE HORIZONTAL CEILINGS IN THE HOUSE EAVES.

17. NEW & EXISTING STAIRCASES ENCASED ALL AROUND WITH 12.5 MM HANDED BOARD & 50MM & 75MM F20 FIRE DOORS TO BE PROVIDED TO EXISTING HABITABLE ROOMS @ FIRST FLOOR & F20 FIRE DOORS TO NEW BEDROOMS.
18. 42° PITCH MAX RISE 280MM WITH GOING 220MM HANDRAIL & ONE SIDE 900MM & HANDLING RAIL @ 1100MM.
STAIRS TO BUILDING DEPT PART K TO BS. 585 MIN WIDTH 800MM MIN HEADHEIGHT 2000MM FROM PITCH LINE.

DWG. No. 2 N.R.

PROPOSED DORMER LOFT CONVERSION AT
23 NORTHFIELD ROAD, NEW MOSTON, MANCHESTER
M40 3SZ. FOR MR NATHAN McDONALD

SCALES:- 1:50
1:1250 1:200

DATE:- APRIL 2022.