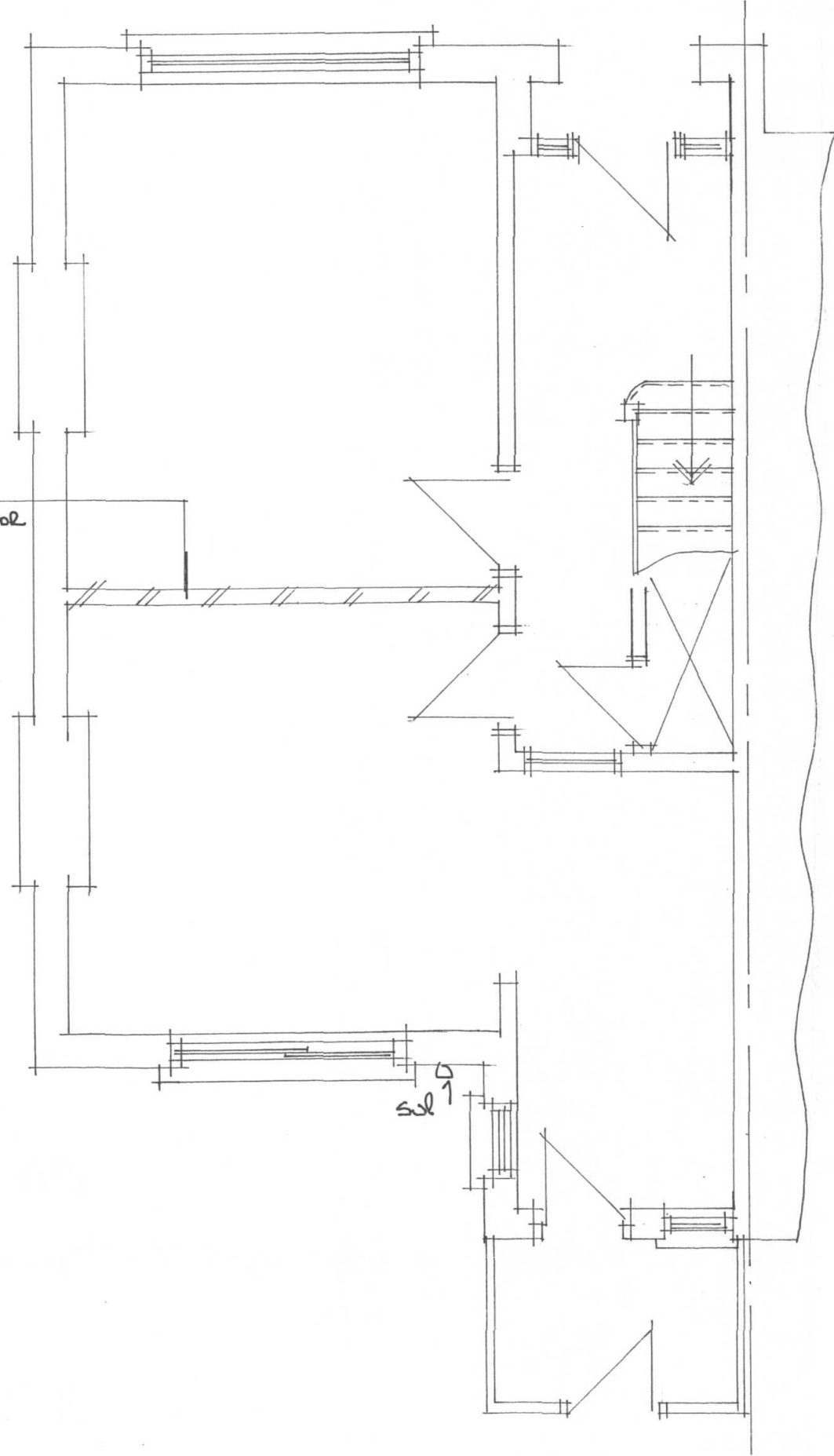


ASSUMED LOOSEBENDING
SHALL BE USED. CONTRACTOR
TO CONFIRM.



GROUND FLOOR PLAN

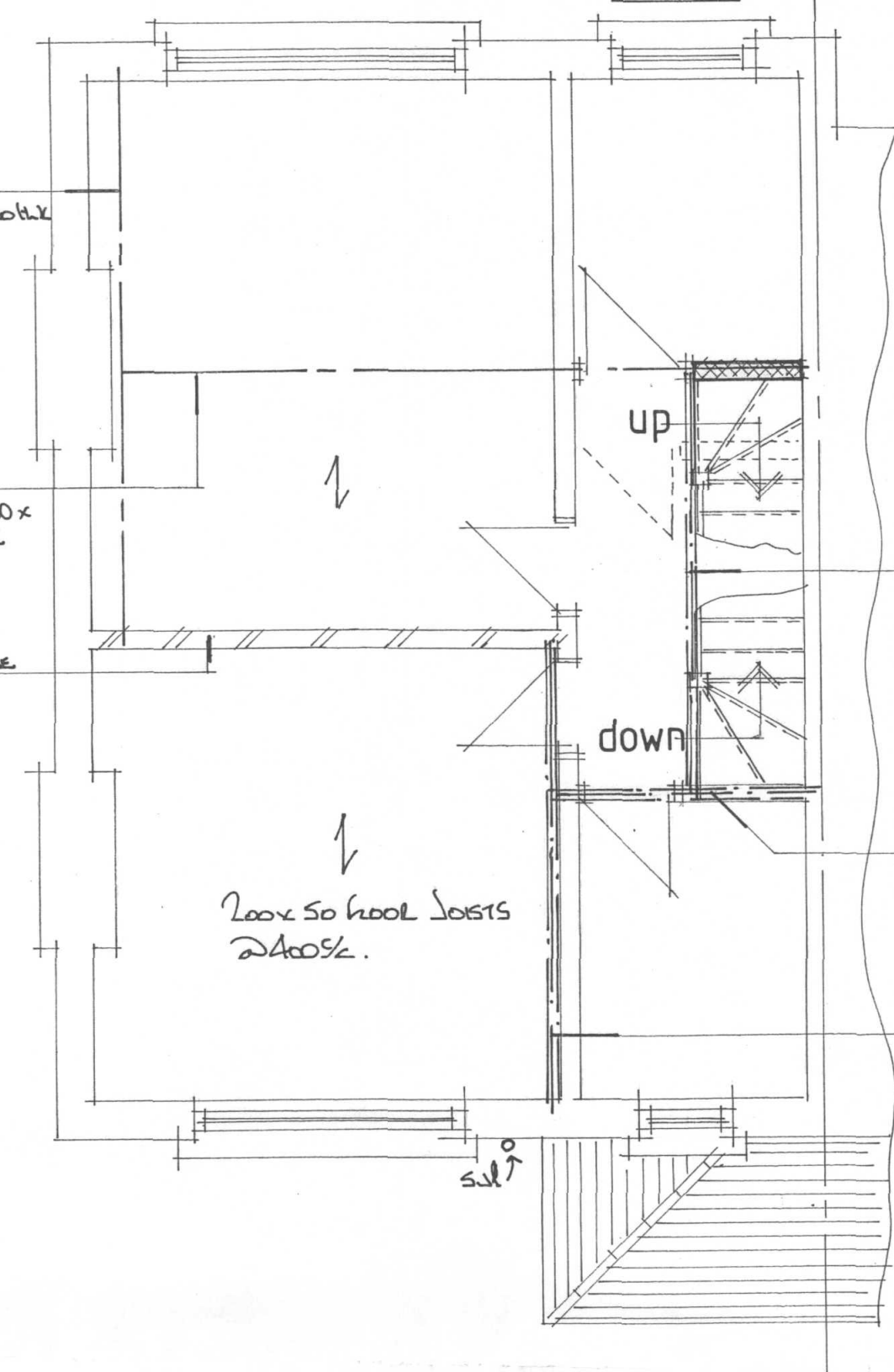
ALL STRUCTURAL STEELWORK TO
BE ENCASED IN 21mm SJS
PLASTERBOARD & SKIM OR FIRE
RETARDANT PAINT TO ACHIEVE
NECESSARY FIRE PROTECTION.

203x133x60x100
BEARING ONTO 400x100x100
AS STRENGTHENED PLATE.

203x133x60x100
BEARING ONTO 400x100x100
AS STRENGTHENED PLATE.

ASSUMED LOOSEBENDING SHALL
BE USED. CONTRACTOR TO
CONFIRM.

CONTRACTOR TO EXPOSE
EXISTING FOUNDATIONS TO
CONFIRM ADEQUACY
TO THE SATISFACTION OF
LOCAL AUTHORITY.



FIRST FLOOR PLAN (showing proposed alterations)

CONTRACTOR TO EXPOSE
EXISTING FOUNDATIONS TO
CONFIRM ADEQUACY. IF FOUND
TO BE INADEQUATE THEN PROVIDE
152x89x100x100 TO UNDER LIFT

21200x75 TIMBERS
BATED TOGETHER
(STAIR TRIMMER)

21200x75 TIMBERS
BATED TOGETHER
(STAIR TRIMMER)

21200x75 TIMBERS
BATED TOGETHER.

PROVIDE 100x100 TIMBER
DOORS FORMING DOORCASE
FRAME & SILLINGS FOR LIFT
AND STAIRWAYS.

WEARTEAR ROAD RAILING
1100 ABOVE FFL WITH
RAILINGS AT 100%
MAX. EXPOSED ADEQUATELY
BATED TO DORMER FACE TO
THE SATISFACTION OF L.A.

PROVIDE MAINS OPERATED LIFT -
COLLECTED SMOKE DRAINS TO THE
EXISTING ROOF OR GLASS ROOF
& TWO ROOF CEILINGS. ON WITH
BATTERY BACK UP. PROVIDE HEAT
DETECTORS TO KITCHEN LINKED TO
SMOKE ALARM S.

PROVIDE TWO HIGH LVL. VENT TILES
AS CLOSE TO ROOF AS PRACTICALLY
AS POSSIBLE.

1.5CELOTEX INSULATION. CROSS BATTEN
AS NECESSARY TO ENSURE MIN 50 VENT
GAP OVER. SCOP POLYURETHANE INSULATED
DORMER. 12mm PLASTERBOARD & SKIM.

PROPOSED ROOMS IN ROOF SPACE

PROVIDE 1/2 HR FIRE RESISTING DOORS
ON THE STAIRCASE ENCLOSURE AT
GROUND LVL & TWO HEADS.
ALL WALLS SURROUNDING THE STAIRCASE
TO BE 1/2 HR FIRE RESISTING INCLUDING
UNDERLYING FLOORS OF STAIRCASE.

PROVIDE LOOSEBENDING TIMBER
STAIR PARTITION. BRASSWORK LATHES
OVER HEAD LATHES.

PROVIDE 1.5 THICKNESS
ON DOORS & SKIM TO
EXISTING PARTITION.

NEW ENSUITE TO
HAVE MECH VENT TO
CLEAN AIR MIN 500.

RAISE EXISTING SILL TAKING
WHERE FROM NEW ENSUITE INTO
EXISTING SYSTEM
ALSO SEE PROPOSED EXTENSION DETAILS
FOR ALTERNATIVE SILL POSITIONS.

DORMER CHUEKS

100x50 TIMBERS @ 400%. 100% EXT
QUANTITY PUT IN 2mm SURROUNDING
WATERPROOFING & EXTERIORLY LATHES FELT
30x100mm BATTENS. VERTICAL HUNG
PLAIN TILES TO FINISH. 100 CELOTEX
INSULATION. SCOP POLYURETHANE INSULATED
DORMER. 12mm PLASTERBOARD & SKIM.
DORMER CHUEKS TO BE CONSTRUCTED OFF
300 DOORS BATED TOGETHER WITH MIN 2
GAPS @ 300%.

WHEN NEW ROOF CONSTRUCTION
SEE EXISTING SILL SUT.
115 x 50 FURTHER 100% @ 400%
12mm PLASTERBOARD & SKIM.

PROVIDE INSULATION BETWEEN
JOISTS AND LATHES TO
PREVENT COND BUILDING.

21150x50 TIMBERS BATED
TOGETHER TO FORM LATHES
OVER CHUEKS.
100x50 TIMBERS @ 400%.
100% EXT QUANTITY PUT IN. LATHES
FELT 30x100mm BATTENS. VERTICAL
HUNG PLAIN TILES TO FINISH.
100 CELOTEX INSULATION. SCOP
POLYURETHANE INSULATED. 12mm
PLASTERBOARD & SKIM.

NEW STRUCTURAL FLOOR WITH
21mm FC BEARINGS OVER.
WITH WITH BEARINGS. MINIMUM
VENT GAPS 50mm OVER AND UNDER
WITH STILES TO JOISTS. ENSURE
MIN 50mm GAP BETWEEN UNDERSTOIC
AND JOISTS & EXISTING CEILING.

PROVIDE LOOSEBENDING
TIMBER STAIR PARTITION
BRASSWORK LATHES
OVER HEAD LATHES.

NEW LOOSEBENDING TIMBER
STAIR PARTITION.

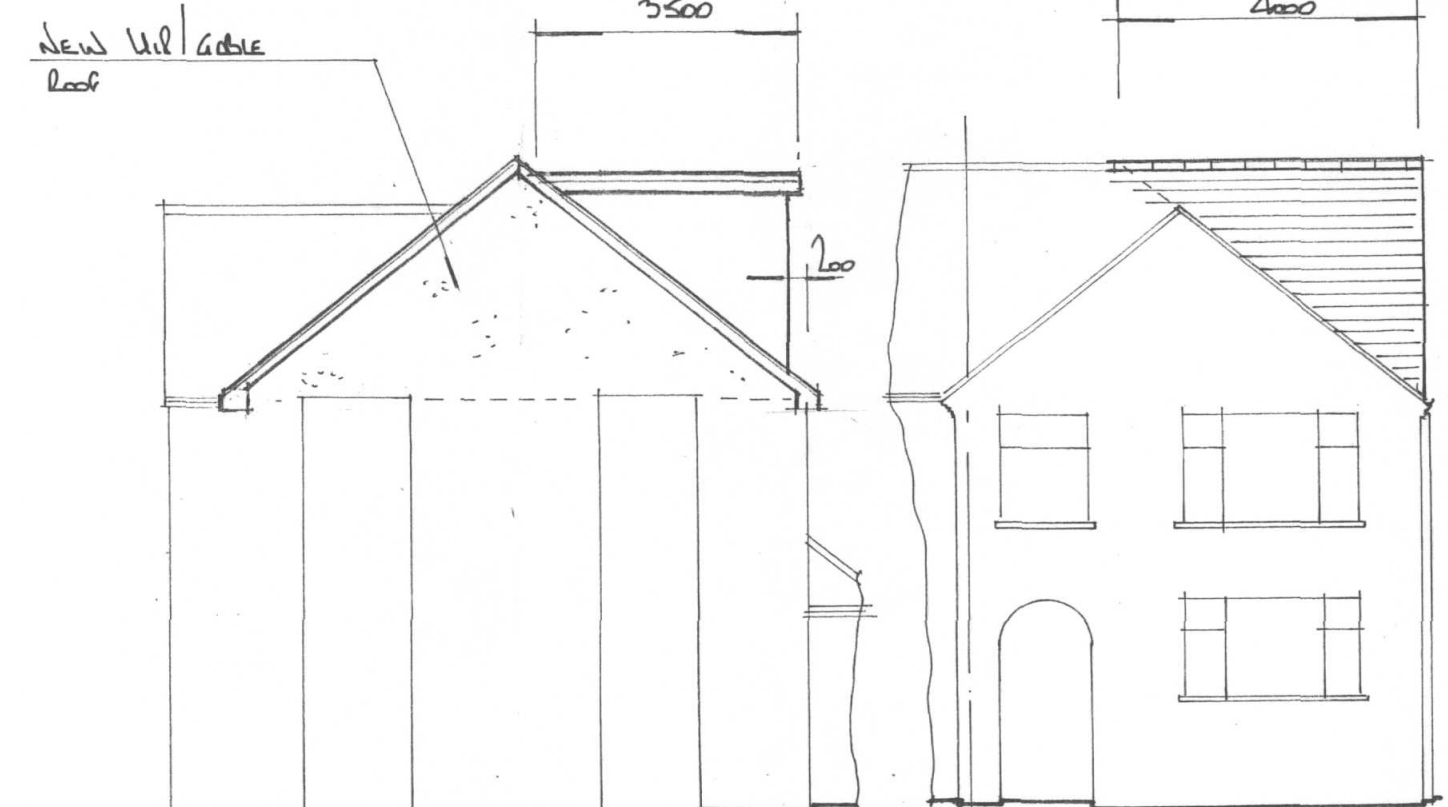
NEW SETWOOD
STAIRCASE.

FELT TO BE CROSSED MIN
450 UP UNDER TILES

1:4 FALL

SECTION A-A

ALL MATERIALS TO MATCH EXISTING



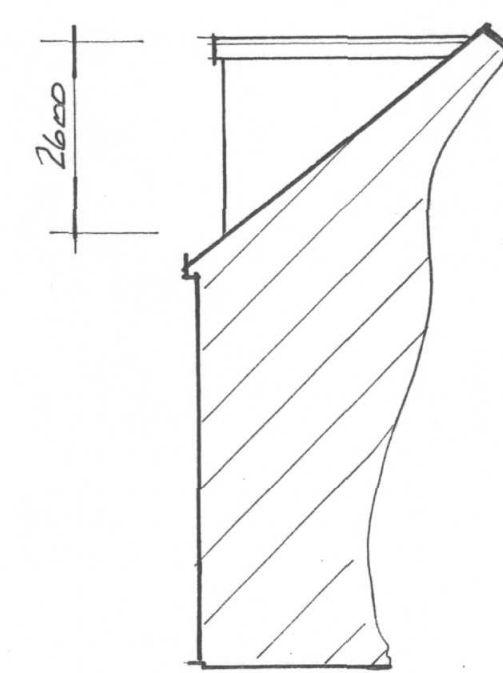
REAR ELEVATION

SIDE ELEVATION

FRONT ELEVATION

SIDE ELEVATION

VERTICAL HUNG PLAIN TILES
TO DORMER FACE & CHUEKS.



NOTES:
All dimensions must be checked on site and not
scaled from this drawing.

- All dimensions are in millimetres.
- Ventilation to be 1/20 of floor area (min)
- Lintels to have min of 150 end bearings.
- New habitable rooms to have background ventilation of at least 8000mm² i.e. Trickle vent or air brick.
- New stud partitions to be constructed of 100 x 50 timbers @ 400 centres with horizontal noggins. Infill with rockwool mineral wool quilt, 2 x 12mm sheets of plasterboard and skim. Partitions to be constructed off doubled up floor joists bolted together with M12 bolts at 500 centres.
- New windows to be double glazed and achieve a U Value of 1.6w/m² i.e. 16mm spacer with low E glass to inner pane.
- Staircase: 14 No Equal Risers @ 192mm
15 No Equal Treads @ 235mm
Max 42° pitch, min 2000mm clear headroom height.
Min 900mm finished floor level to handrail/stairnosing.
Max 100 centres balustrading. Min 50mm treads to winder box.
Staircase manufacturer to visit site and confirm the above.

- All electrical works to be designed and installed, inspected and tested in accordance with the requirements of BS 7671, the IEE 17th edition wiring guidance and building regulation part P (electrical safety) by a competent person with a self certification scheme authorised by the secretary of state. (BRE.BS1.ELECSA.NAPIT or NICEIC)

PLANNING

PROPOSED 1/2 HR FIRE RESISTING DOOR = 17.6m²
PROPOSED 1/2 HR FIRE RESISTING DOOR = 17.6m²
Total = 35.2m² x
40m² ∴ PLANNING NOT REQUIRED
PERMITTED DEVELOPMENT

Date	Revisions

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Client
MR YOUNG

Job Title
15 GRANVILLE ROAD
HILLINGDON
MIDD

Drawing Title
ALTERATIONS TO MAIN
ROOF FOR LOFT
CONVERSION

Scale
1:50, 1:100

Date
September 2014

Drawn by
a.e.l.

Drg No.
34 15 / 01

Rev.
A