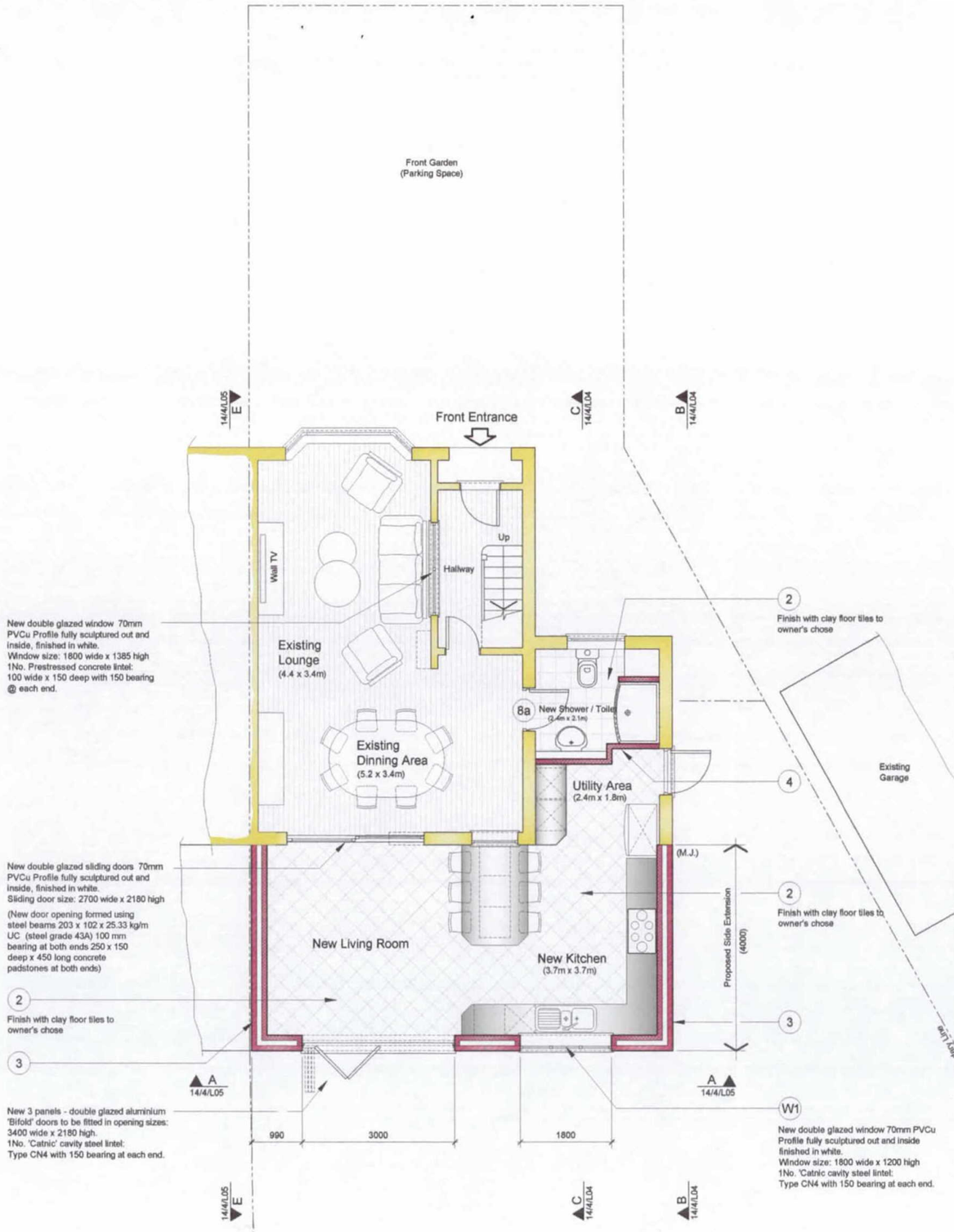
A1



Proposed Ground Floor Plan

General Notes to Contractor:

1. The provision of any & all temporary works required to ensure the stability of the building or element there of during the progress of the work shall remain the responsibility of the Contractor.
2. All concrete work for foundation is grade 20 Sulphate resistance.
3. All grade of timber to be general grade dry stress in bending should not be less than 5.1N/mm2 in accordance with CP112
4. Timber must have a moisture content of 18% or less . All new timber to be tanalised.
5. All manufactured concrete & steel lintels are to be installed to manufacturer's instruction.

Windows & Ventilation:

All new windows to be double glazed using low E Glass (4:16:4 lowE minimum) Window sill height set 800mm minimum above floor level. All habitable rooms to be provided with rapid ventilation 1/20th of the room area & 800mm2 background ventilation. Existing roof to be provided with proprietary ventilators to achieve the equivalent continuous ventilation of 25mm (eaves) & 5mm (ridge)

Building Regulations Part P:

1. All electrical work required to meet the requirement of Part P (Electrical Safety) must be designed, installed, inspected & tested by qualified person.
2. Prior to completion the Council should be satisfied that Part P has been complied with. This may require an appropriate BS 7671 electrical installation certificate to be issued for the work by the qualified person.

Construction Notes:

1 Foundations-
Mass concrete strip and pad foundations size as indicated on drawing 14/4/L04.

2 Ground Floor-
150 well compacted hardcore as indcated: 50 sand blinding: 1200gauge polythene DPM 100 thk. Concrete slab: 100mm 'Jabute' insulation: 75mm thk. Screed.

3 External Walls-
Cavity walls (100 cavity):- constructed using 100 thk. 'Turbo Thermalite' blocks inner skin & outer skin to match existing (Dark multi stock)102 facing bricks. Engineering bricks below DPC. Interior finish to walls to be 13mm thk. lightweight plaster (Uvalue 0.5 W/m ^{2}C) Cavity to be filled with sheets of 100mm thk. 'Dritherm' (Fibreglass cavity wall insulation) Brick ties to be 914 centres horizontally & 457 centres vertically, alternate rows to be staggered 457 horizontally. Ties at the sides of opening to be 305 centres vertically.
- D.P.C. to all reveals
- Minimum ventilation to be 1/20th floor area.
- All lintels to have 150mm thk. end bearing

4 Internal Partitions-
Partition wall constructed using :-
100 thk. 'Turbo Thermalite' blocks with 13mm thk. plastered on both sides

5 Pitch Roof-
Pitch roofs to be constructed U.N.O. using 150 x 50 timber rafters @ 400mm centres maximum. Roof tiles on 25 x 20 timber battens on untearable felt fixed to timber rafters. 150mm Fibreglass insulation. Vapour barrier - 500gauge Polythene sheet fixed to the rafters & on the top side of the 10mm thk. plasterboard. Skim ceiling.

6 Flat Roof-
Warm deck construction to CP144:-
200 x 50 timber roof joists @ 400mm centres maximum. Firring pieces laid to fall 1:40 gradient. 20mm thk. external plywood deck with 1 layer of bitumen felt laid hot.
75mm thk. 'Coolag' insulation boards - separating membrane. Single ply felt having 25mm holes @ 100 centres laid dry.
3 Layers of felt to BS 747 with 12mm Spa chipping on hot bitumen.
Vapour barrier - 500gauge Polythene sheet fixed to the roof joist & on the top side of the 10mm thk. plasterboard. Skim ceiling.
Flashing - 150 upstand and tucked into existing & new brickwall.
Rafters & joists tied to wall using 30 x 5mm galv. straps @ 1.5m centres.

7 Conservatory Roof:
Manufactured from white 70mm PVCu Profiles fully sculptured inside and out. Rafter bars @ 600 centres with 24mm double glazed glass sealed units.
Conservatory glazing roof to be "Pilkington Activ Blue" self-cleaning, solar control glass with 1.1 U value and all fixed to the manufacturer's recommendations.

8 Internal Doors-
'Magnet' 6 panel mahogany doors type 'Granda' size 1981 x 900 wide.
To provide 1/2 hour fire protection.
1No. Prestressed concrete lintel 100 x 65mm deep with 150mm bearing @ each end.

9 Drainage-
110mm Dia. 'Osma' Pvc pipe underground encased in pea gravel or in granular material. Fall 1 in 40 All drain pipe passing through the walls or under building must be adequately protected by bridging and encasing in 150mm thk. concrete.

10 Movement Joint (M.J.) -
New cavity walls and blockwork fixed to existing wall using: "Furfix" movement joint.
Vertical DPC at inner leaf.
Wall ties @ 229 centres vertical.

London Borough of Hillingdon
RECEIVED
24 FEB 2015
Planning
Residents Services

Mark	Date	By	Rev.
C	16/02/15	TSK	Planning application resubmitted
B	18/07/14	TSK	Planning Application
A	17/04/14	TSK	1st. Issue

Job Title
Mr. H.S. Chhokar
20 Hayes End Close,
Hayes,
UB4 8HF

Drawing Title
Proposed Rear Extension:
Ground Floor Plan

Scales 1:50 @ A1, 1:100 @ A3

Drn.	Date	Chd.	Passed
TSK	17.04.14		

Job No.	Drawing No.	Rev.
14/4	L02	C