

TRIMMER T1 :2No.50x200  
TRIMMER T2 :2No.50x200  
BEAM R1 :152x152x30 UC ON 100x300x150 PAD  
BEAM F1,CI,C2 :152x152x23 UC  
BEAM F2,F4 :203x203x46 UC ON 100x500x20MM PLATES  
BEAM F3 :203x203x46 UC ON 100x600x20MM PLATES  
BEAM F1/CI/C2 CONNECTED TO BEAM F2/F3/F4 WITH 2No.90x90x8  
ANGLE CLEATS AND 6M12 BOLTS

BEAM F2,F3 AND F4 SPLICE DETAILS, REFER TO CALCULATION SHEET I3

BOLT TOGETHER DOUBLE JOISTS / RAFTERS WITH M10 BOLTS  
WITH 50 DIA TOOTHE PLATE CONNECTORS AND WASHERS AT 900 C/C

STEEL BEAMS TO BE PAINTED WITH INTUMASCANT PAINT -  
TO MANUFACTURERS INSTRUCTIONS

ALL NEW WINDOWS TO BE DOUBLE GLAZED WITH TOUGHENED GLASS  
TO BS 6206, IF WITHIN 800MM OF FLOOR

ALL INTERNAL STUD WALLS BETWEEN THE W.C./BEDROOM AND  
STAIRS TO BE FILLED WITH 100MM MINERAL WOOL  
DENSITY 15KG/M3

STUD WALLS TO STAIRS ENCLOSURE TO BE HALF HOUR FIRE  
RESISTING 50x100 STUDS AT 400C/C VERTICALLY AND  
HORIZONTALLY LINE BOTH SIDES WITH 12.5MM PLASTER BOARD  
AND SKIM, FILL VOIDS WITH 100MM MINERAL WOOL DENSITY 15KG/M3

SOFFIT OF NEW STAIRS TO BE LINED WITH 12.5MM PLASTER  
BOARD AND SKIM

PROVIDE CODE 4 LEAD FLASHING BETWEEN THE DORMER CHEEKS  
AND THE ROOF

SINK WASTE TO BE 50MM WITH 75MM UPVC DEEP  
SEAL TRAP, - DISCHARGE INTO THE EXISTING SOIL AND VENT PIPE,  
IN ACCORDANCE WITH BS5572

PROVIDE ROODING ACCESS IN WASTE PIPES AT CHANGE IN DIRECTION

PROVIDE ELECTRIC FAN TO KITCHEN ROOM TO GIVE  
15 LITRES PER SECOND AIR EXTRACT RATE WITH 15 MINUTE  
TIMER

PROVIDE AT EACH LANDING SELF CONTAINED SMOKE  
DETACTIONS PERMANANTLY WIRED TO A SEPARATELY  
FUSED CIRCUIT AT THE DISTRIBUTION BOARD WITH  
BATTERY BACK UP,  
SMOKE ALARMS TO BE LINKED AND DENOTED THUS:- Ø  
SMOKE ALARMS TO COMPLY WITH BS 5446;PART I

ANCHOR GABLE WALL TO ROOF AND FLOOR JOISTS WITH  
30x5x1200 LONG GALVANISED MILD STEEL STAPLS AT  
1200 C/C

STEEL BEAMS TO AVOID BEARING ON TO BRICK WORK THAT  
PREVIOUSLY FORMED PART OF THE CHIMNEY BREAST

FLUSHING DEVICES TO W.C. TO BE PROVIDED WITH PROVISION  
OF WHOLESOME WATER FROM THE MAINS

BASIN/SHOWER TO BE PROVIDED WITH HEATED WHOLESOME  
WATER OR SOFTENED WATER

ALL ELEMENTS OF HOT WATER SYSTEM TO BE DESIGNED,  
CONSTRUCTED AND INSTALLED TO RESIST EFFECTS OF  
TEMPERATURE DURING NORMAL USE AND IN THE EVENT OF A  
MALFUNCTION. SYSTEM TO BE ADEQUATELY SUPPORTED AND  
COMPLY WITH APPROVED DOCUMENT G (G3)

DOUBLE UP FLOOR JOISTS UNDER STUD PARTITIONS  
AND BOLT TOGETHER WITH 10MM BOLTS AT 600C/C

PROVIDE ACCESS FOR RODDING AT BASE OF ALL STACKS

HOT WATER STORAGE VESSEL REQUIRES PRECAUTIONS TO  
PREVENT WATER EXCEEDING 100 DEGREES C. SAFETY  
DEVICES TO DISCHARGE TO A SUITABLE PLACE OF SAFETY  
TO PREVENT INJURY TO PEOPLE

DOUBLE UP RAFTERS AROUND ROOF LIGHTS

DOOR FRAMES RECEIVING FD30 DOORS ARE TO HAVE 25x25MM  
DOOR STOPS AND FD30 DOORS ARE TO BE HUNG ON 3No.  
HEAVY DUTY STEEL HINGES

LEAD FLASHING TO HAVE 150MM UPSTAND

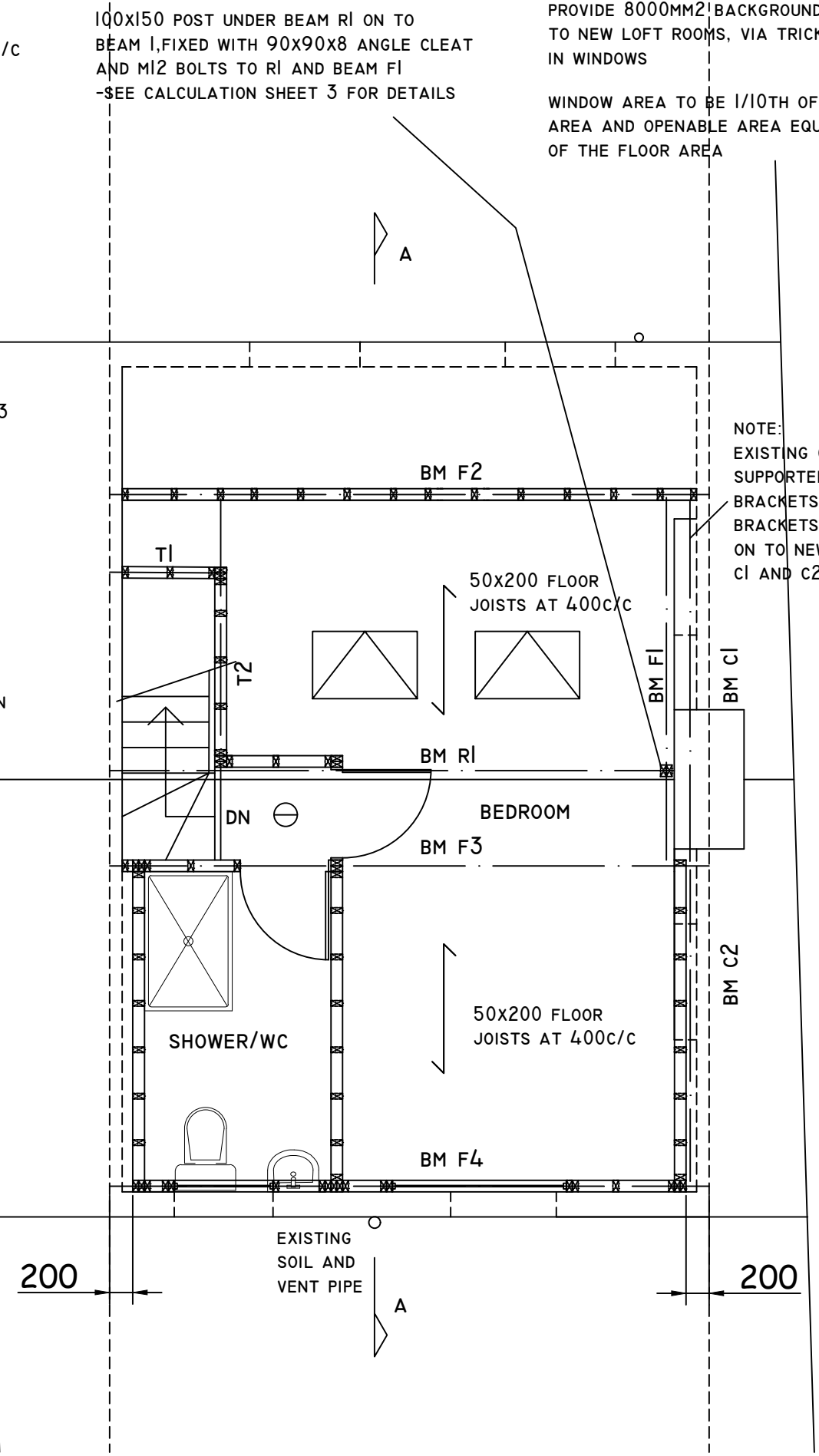
DORMER TILES TO BE PLAIN CONCRETE

100x150 POST UNDER BEAM R1 ON TO  
BEAM I, FIXED WITH 90x90x8 ANGLE CLEAT  
AND M12 BOLTS TO R1 AND BEAM F1  
-SEE CALCULATION SHEET 3 FOR DETAILS

PROVIDE 8000MM2 BACKGROUND VENTILATION  
TO NEW LOFT ROOMS, VIA TRICKLE VENTS  
IN WINDOWS

WINDOW AREA TO BE 1/10TH OF THE FLOOR  
AREA AND OPENABLE AREA EQUAL TO 1/20TH  
OF THE FLOOR AREA

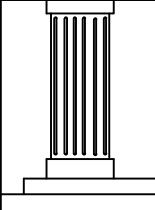
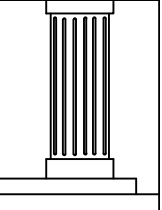
NOTE:  
EXISTING CHIMNEY BREASTS  
SUPPORTED ON GALLOWS  
BRACKETS - REMOVE  
BRACKETS AND SUPPORT  
ON TO NEW STEEL BEAMS  
CI AND C2



LOFT PLAN

BEAM F2,F3 AND BEARING NOT TO TAKE SUPPORT ONTO  
MASONARY FORMING PART OF THE CHIMNEY BREAST



	CHECKED:	DATE: NOV 2023	DRAWING TITLE: PROPOSED LOFT PLAN	PROJECT: 47 TUDOR ROAD HAYES UB3 2QD	
	DRAWN:	SCALE: 1:50			
	DRAWING NUMBER:  L3				