

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE STRUCTURAL ENGINEER'S DESIGN CALCULATIONS.

PROVIDE AT LEAST 1 IN 4 NO. LIGHT FITTINGS TAKING ONLY LAMPS HAVING A LUMINOUS EFFICIENCY GREATER THAN 40 LUMENS PER CIRCUIT WATT.

ALL LINTELS TO BEAR 150MM EACH END

FDNS MIN 600MM WIDE AND 1200MM DEPTH TO THE SATISFACTION OF THE LA BCO

DOUBLE GLAZED WINDOWS TO BE SUPPLIED AND FITTED BY FENSA REGISTERED INSTALLERS TO HAVE MIN U VALUE OF 1.8W/SQ.M K IN PVC. PROVIDE MIN 8000 SQ.MM TRICKLE VENTS TO ALL THE HABITABLE ROOMS. NATURAL VENTILATION TO BE AT LEAST 1/20TH FLOOR AREA TO ALL THE HABITABLE ROOM WINDOWS.

ALL NEW ELECTRICAL WORK TO BE DESIGNED, INSTALLED, INSPECTED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF BS 7671 BY A COMPETENT PERSON AND ISSUED WITH COMPLIANT CERTIFICATE BY AN NICEIC REGISTERED ELECTRICIAN.

TRICKLE VENT 8000SQ.MM AIR BRICK IN THE WALL OR WITHIN THE WINDOW FRAMES. WITH KITCHEN EXTRACT HOB TO INCORPORATE MIN 30 L/S FAN

ALL STRUCTURAL STEEL ELEMENTS TO BE PROVIDED WITH MIN 30 MINS FIRE PROTECTION USING 12.5MM P/BRD AND SKIM FINISH.

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| MARKED | REVISION         | DATE  |
|--------|------------------|-------|
| A      | BLDG REGS AMENDS | 02 09 |
|        |                  |       |
|        |                  |       |
|        |                  |       |

EXTERNAL WALL  
100 BRKWRK WITH 100MM CAVITY FILLED WITH 100MM DRITHERM CAVITY INSULATION AND 100MM THERMALITE TURBO BLOCKS ON THE INTERNAL SKIN.

ANY PARTY WALL MATTERS TO BE NEGOTIATED BY THE CLIENTS DIRECTLY.

ALL CAVITIES TO BE CLOSED USING THERMABATE CAVITY CLOSERS

GLAZING TO ALL DOORS AND WINDOWS IN CRITICAL LOCATIONS TO BS 6206

NOTE ALL MULTIPLE UP MEMBERS TO BE BOLTED TOGETHER USING 12.5 DIA BOLTS WITH TOOTHPLATE CONNECTORS AND PLATE WASHERS AT 600 CTRS

BEAM T1 - 3NO.50X175 C16 BOLTED TOGETHER @ 600 CTRS USING 12.5 DIA BOLTS WITH TOOTH PLATE CONNECTORS AND PLATE WASHERS

NEW NON LOADBEARING INTERNAL WALLS - USE 50X100 SC3 STUDS AT 400 CTRS WITH FIBREGLASS INSULATION BEARING ONTO THE CONCRETE FLOOR.

152X102X28 UB- IM LONG SPREADER UNDER THE BEAM END @PARTY WALL END.

CONTRACTOR PLS NOTE THAT THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL STRUCTURAL DETAILS/ CALCULATIONS - THESE TO BE OBTAINED FROM THE CLIENT AND FORM PART OF THIS SUBMISSION.

COL P1 - SEE ENG DETAILS ON CALW ATTACHED.

NEW RAINWATER DOWNPIPE TO DISCHARGE INTO A TRAPPED GULLEY. THIS IS TO CONNECT TO THE EXTG UNDERGROUND RAINWATER SYSTEM TO BE LOCATED ON SITE ONCE EXCAVATIONS BEGIN ON SITE TO THE SATISFACTION OF THE LOCAL AUTHORITY BCO. ALL UNDERGROUND PIPES TO BE CLAY BED AND SURROUNDED IN 150MM PEASHINGLE WITH 1:40 FALL. NOTE SOAKAWAY NOT POSSIBLE DUE TO CLOSE PROXIMITY OF THE BUILDING ALL AROUND

NEW CONDENSING BOILER WITH 86% SEDBUK - BAND A EFFICIENCY MIN - FLUE TO TERMINATE MORE THAN 300MM FROM THE OPENING INTO THE BLDG.

NOTE - NEW FDNS, 600 WIDE TO BE EXCAVATED TO BELOW THE INVERT LEVEL OF THE ADJACENT DRAINS

PROVIDE 30 L/S CAPACITY EXTRACTOR WITHIN THE COOKER HOOD

FIRFIX WHERE NEW WALL ABUTS EXTG

NEW DPC TO LAP WITH EXTG DPC AT LEAST 100MM

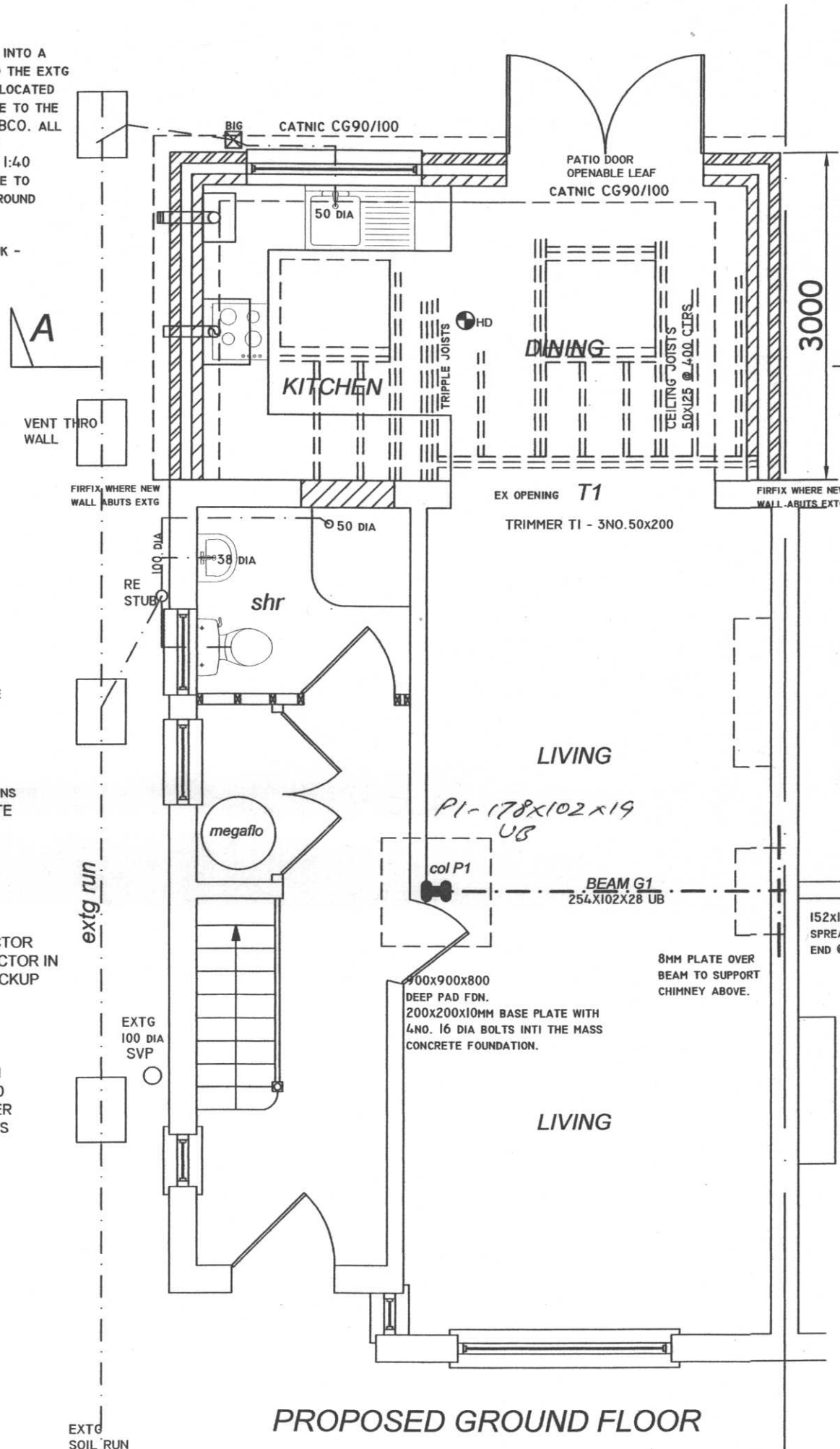
15L/S EXTRACT TO THE SHR ROOM WITH 15 MIN OVER-RUN CONNECTED TO THE LIGHT SWITCH. DITTO FOR THE UTILITY ROOM

ALL WASTE SIZES AS INDICATED - PROVIDE 75MM DEEP SEAL TRAPS WITH RODDING POINTS AT ALL STRATEGIC POINTS.

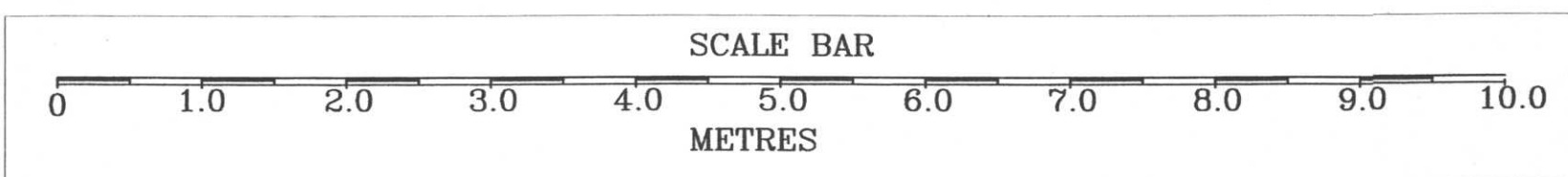
NEW WASTE RUNS TO THE EXTG SOIL PIPE WHICH IS TO BE ADAPTED ONCE EXCAVATIONS BEGIN. TO BE AGREED WITH BCO ON SITE AND SUBJECT TO TWU AGREEMENT.

HD - MAINS OPERATED SMOKE DETECTOR INTERLINKED WITH THE SMOKE DETECTOR IN THE LIVING AREAS WITH BATTERY BACKUP AND ON ITS OWN FUSED CIRCUIT.

WHERE EXTG DRAINS PASS THROUGH NEW FOUNDATIONS, PROVIDE MIN 300 SPACE EITHER SIDE AND BRIDGE OVER USING 100X150 RC CONCRETE LINTOLS



PROPOSED GROUND FLOOR



LOI BORO OF HILLINGDON  
RECEIVED  
17 AUG 2009  
PLANNING & TRANSPORTATION GROUP

PROJECT:  
24 SPENCER AVE  
HAYES  
UB4 0QX

DESIGN<sup>®</sup>  
169N  
ARCHITECTURAL AND STRUCTURAL  
DESIGN CONSULTANTS

169 TORBAY ROAD  
HARROW  
MIDDLESEX  
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DRAWING TITLE:  
PROPOSED  
GROUND FLOOR  
LAYOUT

CHECKED: DATE: MAY 09  
DRAWN: PARV SCALE: 1/50  
DRAWING NUMBER:  
912/20A