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title PROPOSED REAR ELEVATIONS	
project 17-21 & 23-27 HATTON WALL - LONDON EC1N 8JE	
drawing no HD517/2007	rev:
drawn by R. L	contract no. HD517
scale 1:100 @ A3	date 01/2012

PLUMBING SPECIFICATION TO PART-H:

1- ALL POINTS OF DISCHARGE INTO THE SYSTEM TO BE FITTED WITH A TRAP. ALL TRAPS UNDER WORKING OR TESTING CONDITIONS SHOULD RETAIN MINIMUM OF 25mm OF WATER.

2- NEW SHOWER TO HAVE 40mm TRAP WITH 50mm DEPTH OF SEAL. NEW WASHING BASIN TO HAVE 32mm TRAP WITH 75mm SEAL. NEW INCOMING OUTLET (GREATER THAN 80mm) TO HAVE 100mm TRAP WITH 50mm SEAL.

3- ALL NEW PIPES & BRANCHES TO BE 100mm DIAMETER & PVC MATERIAL IN ACCORDANCE TO BUILDING REGULATIONS DOCUMENT "H" AND BS-6798. VENTILATION STACK PROVIDED WITH CONNECTIONS ABOVE & BELOW THE OFFSET WITH 900mm ABOVE ANY OPENINGS. ALL PIPES TO HAVE GRADIENT GREATER THAN 45-DEGREE FOR BRANCH CONNECTION. ALL STACKS DISCHARGED TO A DRAIN WITH BEND AT THE FOOT (200mm AT CENTRE LINE). ALL PIPES SHOULD BE ACCESSIBLE AT ALL TIMES FOR MAINTENANCE.

4- THE NEW SANITARY WASTE & FOUL WATER TO DISCHARGE INTO EXISTING FOUL WATER PIPE WORKS USING ENDICARE PUMP SYSTEM AND INSTALLED TO COMPLY WITH MANUFACTURER SPECIFICATIONS

5- RODDING EYE REQUIRED AT THE CHANGE IN DIRECTION OF DRAINAGE RUN FROM PROPOSED WC TO SVP. EXISTING SVP IS USED FOR FOUL WATER DISCHARGE POINT TO THE KITCHEN SINK & W.M & D.W OF FLATS & NEW ENSUITS WASTES.

notes:

1- ALL LINTELS TO HAVE MINIMUM 150mm BEARING & STEEL WORKS TO HAVE MIN. 100mm BEARING U.N.O. ALL BLOCKWORKS @ INNER SKIN & MAIN LOAD BEARING WALLS TO BE 3.5N/mm² MIN. CRUSHING STRENGTH & OUTER SKIN BLOCKS TO BE 3.5 N/mm² WITH MORTAR DESIGNATION (iii) U.N.O, BLOCKWORK BELOW DPC TO BE 24N/mm² CRUSHING STRENGTH DENSE CONCRETE BLOCKS OR USING ENGINEERING BRICKS UP TO DPC LEVEL.

2- ALL LOADBEARING ELEMENTS OF THE STRUCTURE ARE REQUIRED TO HAVE A FIRE RESISTANCE OF AT LEAST 30MINUTES UNDER APPENDIX-A OF APPROVED DOCUMENT-B OF BUILDING GUIDELINES. STEELWORKS TO RECEIVE EITHER 1x12.5mm LAYER FIRE LINE & SKIMMED OR 2x9.5mm STAGGED RED PLASTER BOARD & SKIMMED TO ACHIEVE 30min FIRE RATING.

3- THE INTERNAL & EXTERNAL WALLS & FLOORS AS WELL AS THE ROOF TO HAVE SUFFICIENT INSULATION TO ACHIEVE THE FOLLOWING REQUIREMENTS:

ALL WALLS TO HAVE U-VALUE OF 0.28 & ALL THE FLOORS TO HAVE U-VALUES OF 0.20 & THE PITCHED ROOF TO HAVE INSULATION & BREATHABLE MEMBRANE WITH U-VALUE OF 0.16 PLUS THE FLAT ROOF IS DESIGNED AS WARM-DECK ROOF WITH U-VALUE OF 0.18

ALL EXISTING WINDOWS TO BE RETAINED AND UNCHANGED FOR THE PROPOSED WORKS

REAR ELEVATION

