

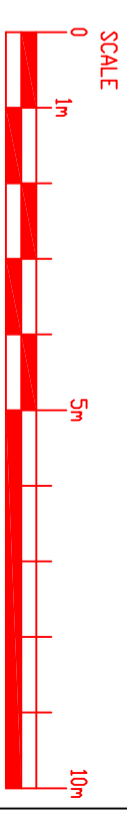
**PART-B: FIRE REGULATIONS AND MEANS OF OPENINGS**

1- 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 1x15mm LAYER FIRE LINE & SKIMMED OR 2x12.5mm SRAGGEDRED PALSTER BOARD & SKIMMED TO ACHIEVE 30min FIRE RATING.

2- PROVIDE AUTOMATIC SMOKE DETECTORS ALARM SYSTEM INTERCONNECTED & TO A SEPERATE FUSED CIRCUIT TO BS 5446. THE FIRE & SMOKE DETECTION SYSTEM MUST BE A L1 TYPE SYSTEM BS-5839-PART:1 PROVIDING FULL COVERAGE TO THE UPPER FLOOR AREAS A VENTILATION OPENING EQUAL TO ONE SQUARE METER IS REQUIRED AT THE TOP OF THE STAIRCASE ENCLOSURE.

3- ALL DOORS TO BE FD-30 & PROVIDE 30min FIRE RATING TO BUILDING REGULATION STANDARD WITH MIN. 775mm OPENING & 3 HINGES, EXCEPT ENTRANCE DOORS TO BE 900mm WIDE. ALL ESCAPE DOORS ARE TO BE PROVIDED WITH SIMPLE FASTENINGS THAT CAN BE REALLY OPERATED FROM THE SIDE OF APPROACH WITH OUT THE USE OF A KEY & WITHOUT HAVING TO MANIPULATE FOR MORE THAN ONE MECHANISM.

4- All fire door assemblies to comply with BS8214-1990 with regards to construction, design & installation & shall be proven by test to BS476-Part 22 or expert assessment based upon appropriate & relevant tests. Fire doors identified by suffix "S" should be fitted with an edge seal proven satisfactory when tested in accordance with BS476-Part3. A test documents to be provided before installation of the doors. any alteration in the door set to accommodate modification from the original tested door assembly must be tested or assessed by a qualified assessor & the report submitted with any other test documents, this includes any changes of ironmonger or brassware. Individual entrance doors to rooms should be provided with a lock whose latch bolt is operated by a handle or knob from either side & whose dead bolt is locked & unlocked by a key from the outside & by manually operated turn handle from the inside



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title PROPOSED REAR ELEVATION

contract no. HD-615 scale 1:100 @ A3

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