

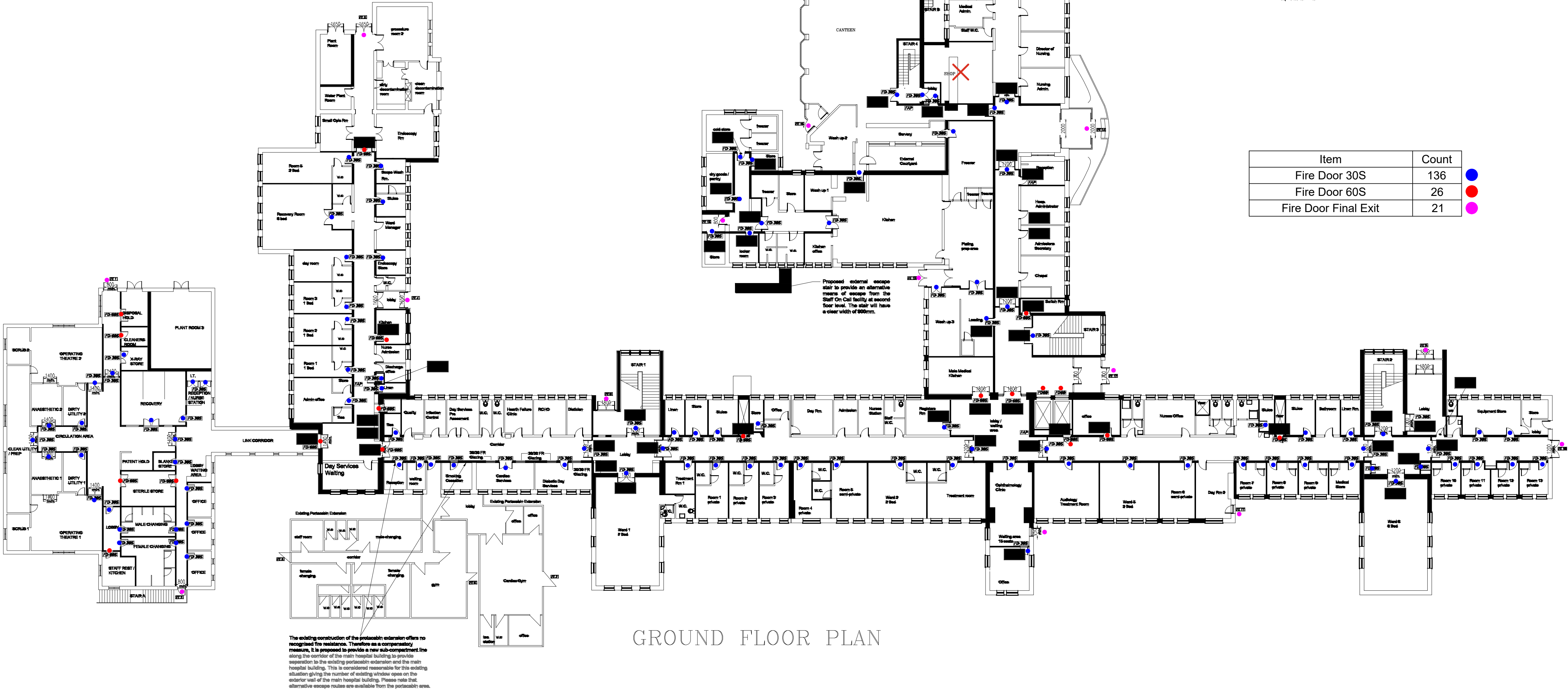
NOTE:
The contractor is responsible for the verification of all dimensions on site. DO NOT scale from this drawing, use figured dimensions only.

NOTE:

This is the proposed fire safety strategy put forward for the Louth County Hospital Building. It is submitted that the only material alterations proposed for this strategy is the provision of two number new external escape stairs that are required to improve the means of escape from the first floor conference facility and the On Call facility at second floor level [Stair D & Stair E].

It is intended that this fire safety strategy will supersede all previously granted Fire Safety Certificate applications for this building.

In addition to the above, it is submitted that other works will be required as part of this fire strategy that will be exempt from the fire safety certificate process. These works will consist solely of necessary repairs and renewals throughout the building to include modifications to the existing fire detection and alarm system and emergency lighting systems, upgrade works to existing fire doors and fire barriers throughout the building including fire stopping of existing services breaching fire barriers.



FIRE RESISTANCE OF ELEMENTS OF STRUCTURE

EUROPEAN	NATIONAL	REMARKS
REI 30	30	30
REI 60	60	60
REI 90	90	90

METHOD OF MEASUREMENT
for means of escape purposes only

THE WIDTH OF A DOORWAY IS THE CLEAR WIDTH WHEN THE DOOR OR DOORS ARE OPEN. DOOR HARDWARE WHICH DOES NOT INTRUDE MORE THAN 100mm INTO THE WIDTH MAY BE IGNORED.

WIDTH OF A ESCAPE ROUTE:

THE WIDTH OF AN ESCAPE ROUTE IS THE WIDTH AT 1300mm ABOVE FLOOR LEVEL WHEN DEFINED BY WALLS OR HANDRAILS FIXED TO WALLS WHICH DO NOT INTRUDE MORE THAN 30mm INTO THIS WIDTH MAY BE IGNORED OR BALUSTRADES. THE MINIMUM WIDTH OF PASSAGE AVAILABLE BETWEEN ANY FIXED OBSTRUCTIONS.

WIDTH OF A STAIRWAY:

THE WIDTH IS THE CLEAR WIDTH BETWEEN WALLS OR BALUSTRADES. STAIRS INTRUDING LESS THAN 30mm MAY BE IGNORED.

FIRE DETECTION AND ALARM

HEAT ALARM

SMOKE ALARM

THE EXISTING FIRE DETECTION AND ALARM SYSTEM INSTALLED IN THE BUILDING WAS DESIGNED TO I.S. 3818:1988. IT IS SUBMITTED THAT ANY ALTERATIONS AND EXTENSIONS TO THE EXISTING SYSTEM WILL MEET AN L1 STANDARD.

WARNING WILL BE PROVIDED TO ACHIEVE AT LEAST 65 DB OR 5 DB ABOVE AMBIENT NOISE LEVEL, WORKING HOURS.

MANUAL CALL POINTS WILL BE PROVIDED ADJACENT TO THE FINAL EXITS. MANUAL CALL POINTS WILL COMPLY WITH I.S. 64 PART 12.

THE EXTENSION TO SYSTEM WILL BE DESIGNED, INSTALLED AND COMMISSIONED IN ACCORDANCE WITH THE BS 5839-1:2002 PART 1.

PLEASE NOTE FACTORS ARE NOT THE RESPONSIBILITY OF THE SYSTEM. THE EXTENSION TO THE SYSTEM WILL BE DESIGNED BY A QUALIFIED ENGINEER.

FIRE EXIT SIGNS

REFER TO ITEM 1.4.13 OF THE REPORT FOR COMMENTARY ON EXIT SIGNAGE.

EMERGENCY LIGHTING

THE EXISTING EMERGENCY LIGHTING SYSTEM INSTALLED WAS DESIGNED TO I.S. 3817:1988. ANY ALTERATIONS AND EXTENSIONS TO THE EXISTING SYSTEM WILL BE PROVIDED, INSTALLED, COMMISSIONED IN ACCORDANCE WITH I.S. 3817: 2013 CODE OF PRACTICE FOR EMERGENCY LIGHTING.

EMERGENCY LIGHTING WILL CONSIST OF A NUMBER OF EMERGENCY LIGHTING FITTINGS, EXIT SIGNS AND EMERGENCY POWER PACKS. ALL EMERGENCY FITTINGS WILL BE SELF-CONTAINED AND WILL PROVIDE A STANDBY LIGHT SOURCE IN THE EVENT OF A POWER FAILURE AND WILL MAINTAIN THIS SERVICE FOR THE DURATION OF THREE HOURS.

PLEASE NOTE THE EXTENSION TO THE SYSTEM WILL BE DESIGNED BY A QUALIFIED ENGINEER.

LEGEND- FIRE DOORS

FD 30S INDICATES FORDS FIRE DOOR. THIS DOOR WILL BE REPAIRED OR REPLACED AS NECESSARY UNDER THE REPAIR AND RENEWAL POLICY CURRENTLY UNDERGOING WITHIN THIS HOSPITAL FOR THE NEXT 3 YEARS.

FD 60S INDICATES FORDS FIRE DOOR. THIS DOOR WILL BE REPAIRED OR REPLACED AS NECESSARY UNDER THE REPAIR AND RENEWAL POLICY CURRENTLY UNDERGOING WITHIN THIS HOSPITAL FOR THE NEXT 3 YEARS.