

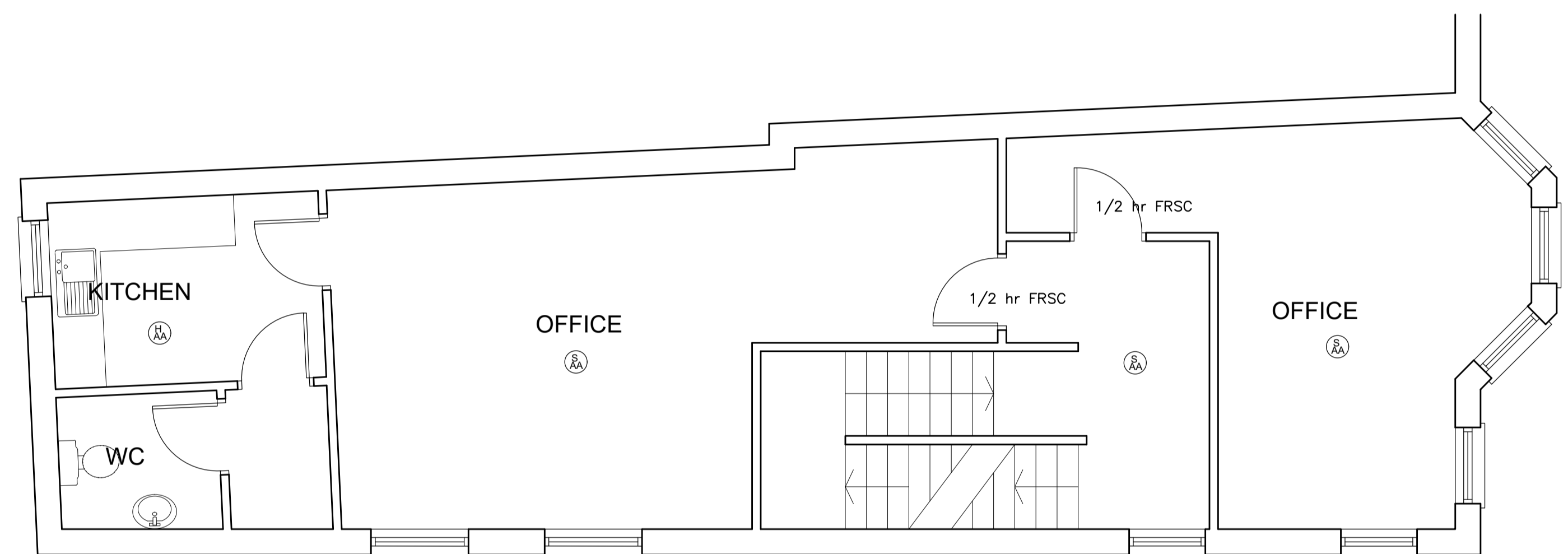
PROPOSED FIRST FLOOR LAYOUT PLAN

PERMANENT MANIFESTATION TO ALL GLAZED SCREENS/DOORS, TO BE DISTINGUISHABLE THROUGH SUITABLE VISUAL CONTRAST FROM THE BACKGROUND, TO BE LOCATED BETWEEN 850mm AND 1000mm FROM FINISHED FLOOR LEVEL AND BETWEEN 1400mm AND 1600mm FROM FINISHED FLOOR LEVEL, I.E. TWO BANDS

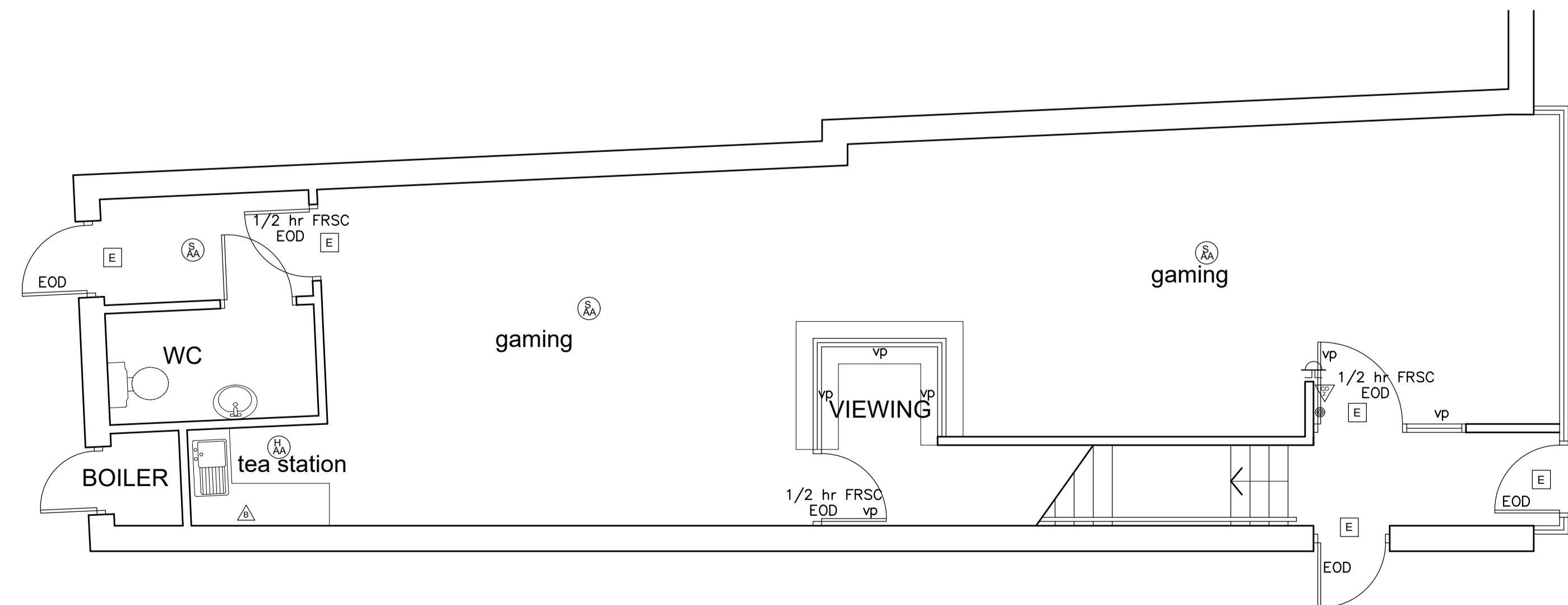
VISUAL CONTRAST BY HAVING A DIFFERENCE OF 30 POINTS OR MORE IN LIGHT REFLECTANCE VALUE (LRV) TO BE ACHIEVED BETWEEN DOORS AND FRAME

THE FORCE REQUIRED TO OPEN A DOOR FITTED WITH SELF CLOSING DEVICE SHALL BE NOT MORE THAN, 30 NEWTONS BETWEEN 0 (DOOR CLOSED) AND 30 OF THE OPENING ARC OF THE DOOR AND 22.5 NEWTONS FROM A POINT GREATER THAN 30 OF THE OPENING ARC OF THE DOOR

FURNITURE IS TO COMPLY WITH BS8206 PART2 1992 TABLE 4 WITH A 30 POINTS DIFFERENCE BETWEEN THE ELEMENTS WHERE ALL DOOR SURROUNDS SHALL BE DISTINGUISHABLE, THROUGH SUITABLE VISUAL CONTRAST, FROM THE ADJACENT WALL SURFACE IN WHICH IT IS SET



EXISTING FIRST FLOOR LAYOUT PLAN



EXISTING GROUND FLOOR LAYOUT PLAN

- ESCAPE LIGHTING**
- Escape lighting to be installed in accordance with BS 5266 Part 1: 2005 as indicated on Plans.
- 8 Watt non-maintained emergency light point.
- External sustained emergency bulkhead light point.
- Emergency light point (twin lamp type)
- FIRE ALARM SYSTEM**
- Fire alarm to BS 5839 Part 1: 2013 Type M with call points and sounders as indicated on Plans.
- Fire alarm control located inside entrance lobby.
- Fire alarm control panel.
- Manual Call Point (Break Glass).
- Alarm Sounder Device (Bell or Siren).
- Automatic Smoke Detector CW Mounting Base.
- Automatic Heat Detector CW Mounting Base.
- Smoke and Heat detectors/alarms to be to BS ISO 3864-1:2011
- Alarm output to be 65db.
- General Fire Notice**
- "Fire Door - Keep Shut" Notice**

The general lighting in office, industrial and storage areas shall have an average initial efficacy of not less than 45 luminaire-lumens per circuit-Watt averaged over the total area of these types of space in the building.

2.39 The average luminaire-lumens per circuit-Watt is calculated by - (Lamp lumens x LOR) summed for all luminaires in the relevant areas of the building, divided by the total circuit-Watts for all the luminaires where -

(a) Lamp lumens is the sum of the average initial (100 hour) lumen output of all the lamp(s) in the luminaire; and

(b) LOR is the light output ratio of the luminaire, which means the ratio of the total light output under stated practical conditions to that of the lamp or lamps contained in the luminaire under reference conditions.

[The control factor used in Section 3 is not appropriate in this Section where the calculation tool used to determine the BER accounts for the impact of controls.]

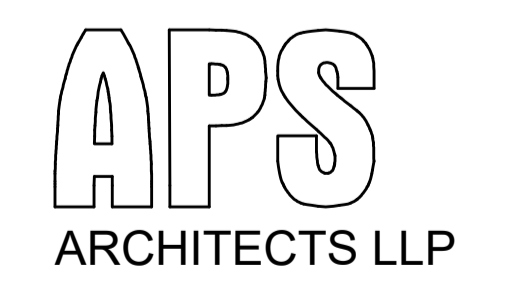
2.40 The general lighting provisions also apply to areas that involve predominately desk-based tasks, such as office areas, classrooms, seminar rooms and conference rooms, including those in educational buildings.

For lighting systems serving other areas it may be appropriate to provide luminaires for which photometric data is not available or luminaires that are lower powered and use less efficient lamps. In such areas, the installed lighting shall have an average initial (100 hour) lamp plus ballast efficacy of not less than 50 lamp-lumens per circuit-Watt.

OUTLETS, SWITCHES AND CONTROLS SHALL BBE SET OUT AS FOLLOWS :

- SOCKETS TO NON-PERMANENTLY CONNECTED APPLIANCES, BETWEEN 400-1000mm FROM FLOOR AND NOT LESS THAN 350mm FROM RETURN WALL.
- SWITCHES FOR PERMANENTLY WIRED APPLIANCES, BETWEEN 400-1200mm ABOVE FLOOR.
- SWITCHES FOR ARTIFICIAL LIGHTING, BETWEEN 900-1100mm ABOVE FLOOR (LARGE PUSH PAD TYPE).
- VENTILATOR CONTROL (OR SIMILAR NEEDING GRADUAL MANIPULATION), 750-1200mm ABOVE FLOOR.
- PUSH BUTTON (LIMITED DEXTERITY), NOT MORE THAN 1200mm ABOVE FLOOR.

(NOTE: SWITCH OR CONTROL FACE PANEL SHALL BE DISTINGUISHABLE THROUGH VISUAL CONTRAST FROM BACKGROUND AGAINST WHICH IT IS SEEN).



PROPOSED ALTERATIONS
AT 163 STRANMILLIS ROAD
BELFAST

Project Ref: F.015C

Drg. No. BC-03
SCALE 1/50
DATE MARCH 2022