



CIRCULATION & SECURITY KEY

- Community Zones 0-3
 - 01 Community Access - Small scale Hall access
 - 02 Community Access - Sports Block
 - 03 Community Access - Large scale Hall & Dining access
- AWC managed access
- FM Access only
- Lift managed access
- Restricted school use only
- Secure Lobby

- Safe access to roof for FM operatives within edge protection
- Internal Secure Line
- Community Secure Line

- * Doors locked to secure community zones
- (A) Corridors to provide minimum clear width of 1800mm to ensure good circulation flow in all circulation areas. Double doors on hold open devices linked to fire alarm.
- (B) Width of enclosed stair cores 1450mm to ensure good flow at peak times. Disabled refuge call system to be provided on all upper floors in all protected escape cores. Type B emergency voice communication systems provided in accordance with the FOS.
- (C) On entrance, flows are split between a number of routes to give easy access to upper and lower floors. This ensures good flows across general circulation areas.
- (D) Community access allows secure out of hours access to be easily achieved for the sports facilities
- (E) External door to allow for access to plant room - replacement equipment and maintenance etc.
- (F) External door to allow for deliveries to kitchen with easy access from service zone for deliveries
- (G) Ensuring clear circulation through space to servery routes is achieved in our FF&E design and will give efficient queuing for the servery and clear flow in surrounding dining spaces.
- (H) Access control system. This will be at the secure line to the reception and will be controlled via a switch in reception area and a push to exit button inside the secure line.
- (I) Main entrance doors will be fitted with manual locks to maintain security in the event of power outage. Door to be provided with recessed pull handles to allow access while unautomated
- (J) All external doors are manual locking access control and will be provided with intruder alarm contacts.
- (K) Key-lock access control shall be provided for the lift to prevent unauthorised usage.
- (L) Restricted access up ladder to roof
- (M) External door to allow for access to roof - cleaning and maintenance etc.
- (N) AWC provided with key locking managed from reception with external key override for emergency access
- (O) Access to roof for FM personnel only
- (P) Restricted access up stairs to roof

An audio and video intercom panel shall be provided at the vehicle entrance to link with the master audio and video intercom panel at main school reception. Intruder alarm PIR detectors to all ground floor rooms with windows to outside, ground floor circulation, 1st floor circulation & areas with high value equipment such as, IT suites, exam stores, server rooms). Data provision can be provided within the building at strategic locations for future building perimeter CCTV camera installation (part of data point allowance).

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| CB | CM | 05.07.18 | Revised to show landscape CAD |
| CB | CM | 17.04.18 | ITT Issue |
| CB | CM | 13.04.18 | ITT Draft |

| AUTHOR | CHECK | DATE | DESCRIPTION | REVISOR |
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 PROJECT
Turing House School
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DRAWING TITLE
Ground Floor Circulation & Security Strategy

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