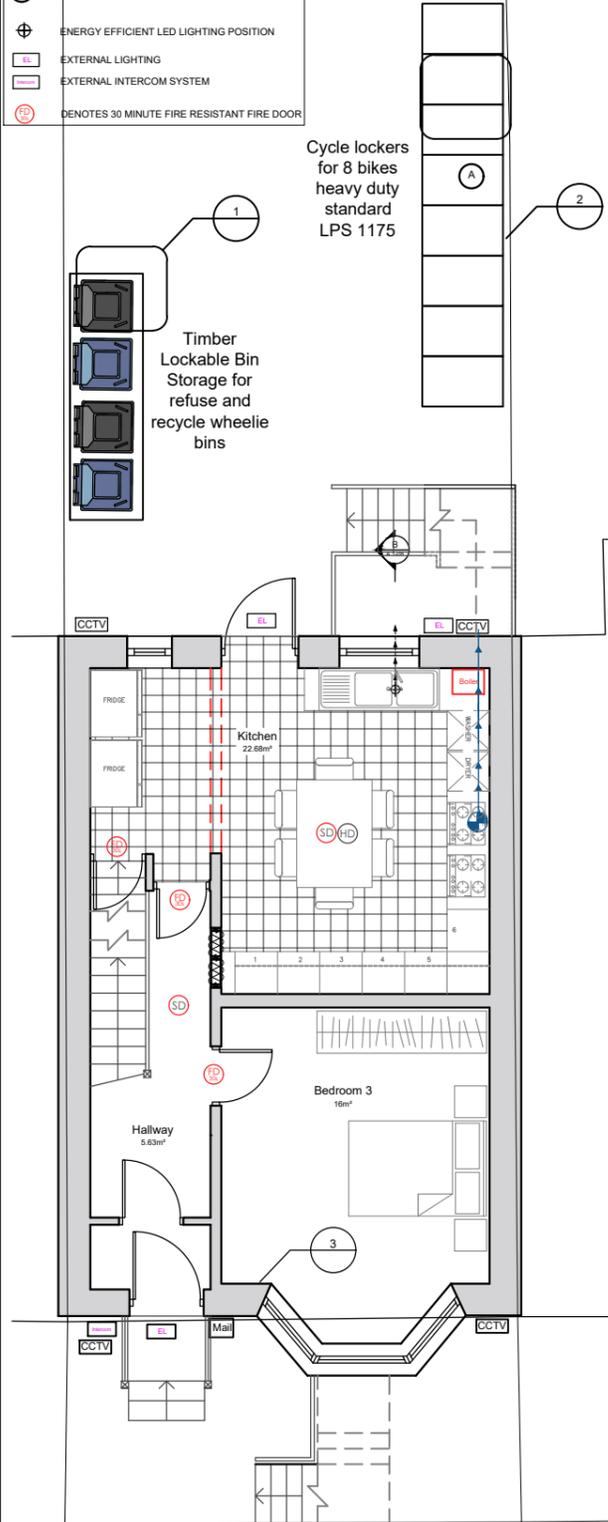


KEY:

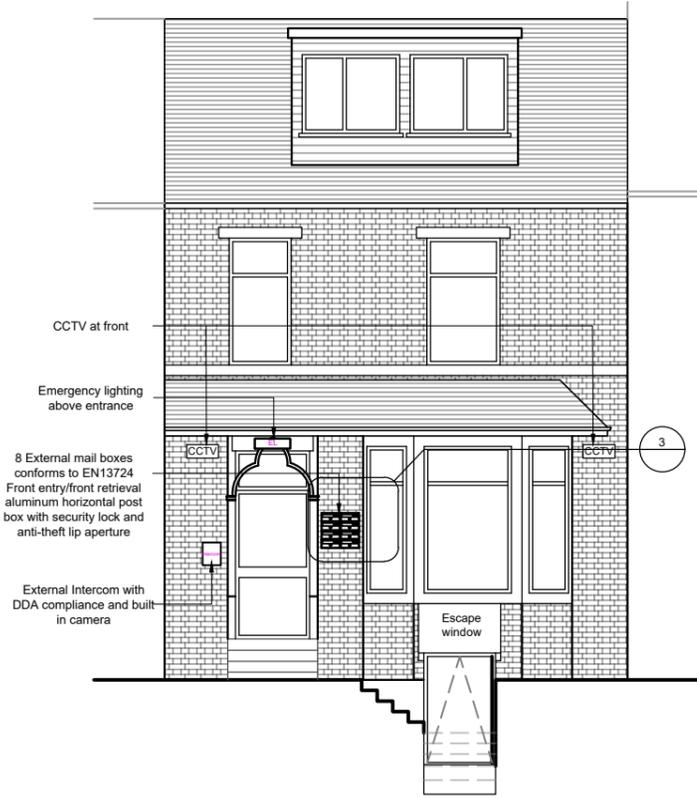
(HD)	COMBINED HEAT DETECTOR AND FIRE ALARM SOUNDER
(SD)	COMBINED SMOKE/HEAT DETECTOR AND FIRE ALARM SOUNDER
(CCTV)	CCTV
(A)	SECURITY ALARM
(E)	ENERGY EFFICIENT LED LIGHTING POSITION
(EL)	EXTERNAL LIGHTING
(M)	EXTERNAL INTERCOM SYSTEM
(R)	DENOTES 30 MINUTE FIRE RESISTANT FIRE DOOR

Cycle lockers for 8 bikes heavy duty standard LPS 1175

Timber Lockable Bin Storage for refuse and recycle wheelie bins



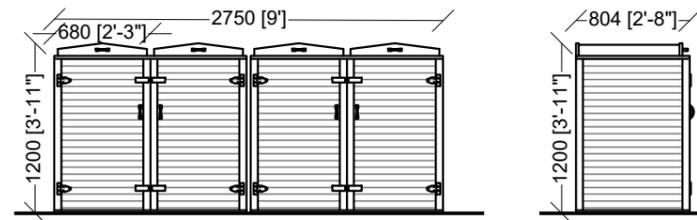
PROPOSED SECURITY MEASURES ON GROUND FLOOR 1:100 @ A3



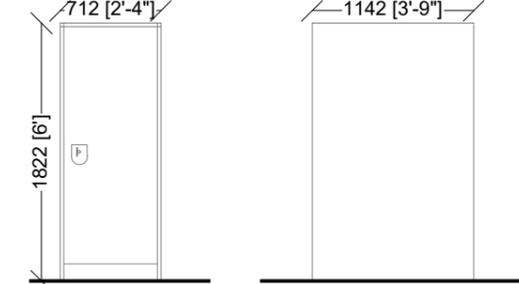
PROPOSED SECURITY MEASURES ON FRONT ELEVATION 1:100 @ A3



PROPOSED SECURITY MEASURES ON REAR ELEVATION 1:100 @ A3

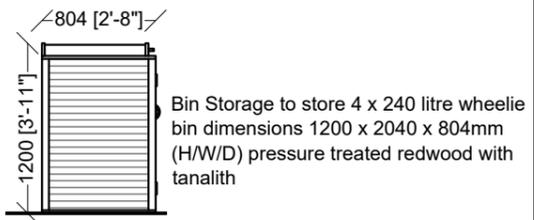


(ITEM 1) PROPOSED BIN STORAGE ELEVATIONS 1:50 @ A3



(ITEM 2) PROPOSED BIKE STORAGE ELEVATIONS 1:50 @ A3

Cycle lockers for 8 bikes heavy duty standard LPS 1175



(ITEM 3) PROPOSED MAIL BOXES 1:20 @ A3

Bin Storage to store 4 x 240 litre wheelie bin dimensions 1200 x 2040 x 804mm (H/W/D) pressure treated redwood with tanalith

mail box dimensions: 270mm x 335mm x 125mm conforms to EN13724 Front entry/front retrieval aluminum horizontal post box with security lock and anti-theft lip aperture

Security Measure Notes

Cycle Store
LPS 1175 issue 7.2 SR1 / LPS 1175 Issue 8:2018 A1 SR 1, STS 202 BR1, LPS 2081 Issue 1 SR1 or Sold Secure (Gold, Silver, Bronze). Padlocks should be close shackled and meet Sold Secure Silver or LPS 1654 issue 1:1:2014 SR1. Ground anchor to be certified to LPS 1175 issue 7.2 (2014) SR1 or SR2 or LPS 1175 Issue 8:2018 A1 security rating 1 or Sold Secure (Gold, Silver or Bronze) fixed into a concrete foundation or concrete block in the floor. Bike storage to have good lighting and CCTV Coverage. Bike Sheds to have security alarms

Bin Storage
Bins storage to be lockable and made out of pressure treated redwood or any other suitable material. Storage to store 4 x 240 litres Wheelie bins.

External Lighting
External lighting should be installed above all access doors which covers the bicycle storage. Any suitable type of lighting such as photo electric cell or dusk until dawn which have warm white led bulbs should suffice. Fittings and wiring should be vandal resistant and located within inaccessible positions to deter any criminal damage. Lighting levels should work in harmony with any CCTV system which is installed.

CCTV
CCTVs to cover the locations as shown on plans including internal areas such as the entrance / hallway, and stairwells. CCTV is preferable if cameras are monitored so that incidents or suspicious behaviour can be identified in the first instance, however if this is not possible, having a CCTV system which automatically records and retain images. CCTV to provide good quality evidential images in high definition to 10.8p, that will allow a person to be clearly identified from the top half of their body, this is required to aid identification of a suspect and support prosecution.

External Intercoms Systems
Main entrance to have external intercom system which is DDA (Disability Discrimination Act) compliant, vandal resistant with both integral or stand along camera providing colour images which should be visible from each room, in addition to audio communication between the visitor and the resident.

Access Control

Access to controls to be encrypted swipe card or key fob access on the communal entrance doors. If euro cylinder locks are to be the preferred it is recommend that any euro cylinder locks and handles should meet TS007 and be 3 Star Rated locks. Suitable standards are to TS007, STS 217 or Sold Secure Diamond Standards.

Wooden doors should be a 5 lever mortice lock to standards BS 3621 / 8621

Doors & Windows

All replacement external door sets and windows including the ground floor and basement levels, should be of British Standards PAS 24:2016 or satisfy other standards noted below that provide a similar or better performance, these include;

Door sets:
LPS1175 Issue 7:2010 Security Rating 2.
STS 201 Issue 4:2012.
STS 202 Issue 3 Burglary Rating 2.
LPS 2081 Issue 1:2014 Security Rating B.
Bespoke wooden doors should be a solid or laminated timber with a minimum density of 600kg/m³ and to 44mm thickness and include a 5 lever mortice lock to standards BS 3621 / 8621 with a night latch or rim lock which are tested to the same standards.

Windows:
LPS1175 Issue 7:2010 Security Rating 1
STS 204 Issue 3:2012
LPS 2081 Issue 1:2014 Security Rating A

Glazing should look be certificated to BS EN 356:2000 P1A, Windows should also feature windows restrictors and locks. Light wells should have either internal or external security grills to increase security.

Internal Doors

Individual doors for each bedroom / bedsit should be of a robust construction and fire rated (FD30 or higher) and installed with a lock certificated to BS 8621 or PAS 8621, and fitted with a minimum of two hinge bolts or hinges with a similar integral facility to ensure protection in the event of hinge. Doors should have dual certification for both security and fire safety ratings.

Mail delivery

Post box to be Front entry/front retrieval with aluminum horizontal post box with security lock and anti-theft lip aperture to conform to EN13724.

Notes:
All work is to be carried out to the latest current British Standards Codes of Practice and recognised working practices.

All work and materials should comply with Health and Safety legislation. All dimensions are in millimetres unless where explicitly shown otherwise.

The contractor should check and certify all dimensions as work proceeds and notify the agent of any discrepancies.

Do not scale off the drawings, if in doubt ask.
H A D are not liable for any work undertaken prior to Full Planning Consent and/ or Building Regulations Approval.

CDM REGULATIONS 2015
The client must abide by the Construction Design and Management Regulations 2015. The client must appoint a contractor, if more than one contractor is to be involved, the client will need to appoint (in writing) a principal designer (to plan, manage and coordinate the planning and design work) and a principal contractor (to plan, manage and coordinate the construction and ensure there are arrangements in place for managing and organising the project).

Domestic clients
The domestic client is to appoint a principal designer and a principal contractor when there is more than one contractor, if not your duties will automatically transferred to the contractor or principal contractor. The designer can take on the duties, provided there is a written agreement between you and the designer to do so.

The Health and Safety Executive is to be notified as soon as possible before construction work starts if the works:
(a) Last longer than 30 working days and has more than 20 workers working simultaneously at any point in the project.
Or:
(b) Exceeds 500 person days.

PARTY WALL ACT
The owner should they need to do so under the requirements of the Party Wall Act 1996, has a duty to serve a Party Structure Notice on any adjoining owner if building work on, to or near an existing Party Wall involves any of the following:

- Support of beam
 - Insertion of DPC through wall
 - Raising a wall or cutting off projections
 - Demolition and rebuilding
 - Underpinning
 - Insertion of lead flashings
 - Excavations within 3 metres of an existing structure where the new foundations will go deeper than adjoining foundations, or within 6 metres of an existing structure where the new foundations are within a 45 degree line of the adjoining foundations.
- A Party Wall Agreement is to be in place prior to start of works on site.

THERMAL BRIDGING
Care shall be taken to limit the occurrence of thermal bridging in the insulation layers caused by gaps within the thermal element, (i.e. around windows and door openings). Reasonable provision shall also be made to ensure the extension is constructed to minimise unwanted air leakage through the new building fabric.

MATERIALS AND WORKMANSHIP
All works are to be carried out in a workmanlike manner. All materials and workmanship must comply with Regulation 7 of the Building Regulations, all relevant British Standards, European Standards, Agreement Certificates, Product Certification of Schemes (Kite Marks) etc. Products conforming to a European technical standard or harmonised European product should have a CE marking.

Revisions List:

Wooden doors should be a 5 lever mortice lock to standards BS 3621 / 8621



www.hussainarchitecture.co.uk
01254 492018

Address:
7 Grantham Terrace
Bradford
BD7 1RH

Title: Proposed Security Measures Drawings	Drawn: DCA
Client: Kristaps Legdinz	Checked:
Date: 05-11-2020	Paper: A3
Drawing No: HAD3217-06	Scale: Varies
Revision:	