

St Mary's College



A College of the University of Surrey

05/1493/FUL

Design Manual: External Notice Management and Street Furniture

for
St Mary's College, Strawberry Hill



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1.0 INTRODUCTION

1.1 Client Brief and Scope of Works

Ingleton Wood have been asked to consider a design solution for the College's current external image in relation to the management of notices and posters around the campus and the street furniture installed. The aim is to propose an integrated design style that resolves the existing problems outlined below and improves the current appearance of the College, complimenting its portfolio of impressive Architectural buildings some of Grade 1 and 2 listed status.

Notice Management

Due to the many and varied events and services offered by the University there is always a need for information to be displayed around the campus in the form of advertisements and notices. Although there are some notice boards provided externally to the buildings they are of an inconsistent and somewhat dated appearance. Due to the lack of formal provisions for external notices there is a prevalence of fly-posting of different sized posters around the campus by students giving an untidy appearance to the college. Often notices are fixed to external surfaces with 'Bluetac' substances which also stain and damage the brickwork and render finishes which is of particular concern when considering the historic importance of the buildings at St Mary's College.



A4 and A3 sized notices stuck directly to the brickwork outside the library

Street Furniture

Currently the Street Furniture used around the campus at St Mary's College is rather dated and in some cases is becoming tatty. There are also a variety of types that have been installed over the years that give the campus an untidy and inconsistent feel. The main areas to consider for the university are the seating and litter bins although the chapel courtyard may require other items than these. The chapel courtyard, while referred to in parts of this document, is discussed in separate design documentation ('External Landscape Upgrade' and associated drawings).



Different styles of street furniture sit side by side



Dated street furniture components do not compliment the impressive College campus

2.0 DESIGN PROPOSALS

The Design Philosophy for both the display systems being considered for notice management and the street furniture proposed is to create a contemporary style reflective of the current time. As there are so many styles of design and architecture from different eras around St Mary's College campus it would be wrong to attempt to mimic one particular historic style, this approach is also often frowned on by heritage experts. Rather the attitude should be to use the best in contemporary design and materials such as glass, stainless steel and aluminium to leave a legacy to future generations using the College of good quality design and products.

2.1 Notice Management

Products Required

A variety of sized notices are regularly pinned up around the University and products to display them need to reflect this. Frames must be suitable for internal and external usage and, to a certain extent; access needs to be controlled via a key system managed by the College Estates team.

To formalise advertisements around the campus the following products are required:

- A4 Poster Frames – external & internal use with controlled access
- A3 Poster Frames – external & internal use with controlled access
- Large Poster Frames – external & internal use with controlled access

Product Implementation

General

To ensure a tidy and consistent appearance to the new range of Poster frames and notice boards around the campus all products should be mounted on the walls at a consistent height. The recommendation would be to have the centre of the frames and notice boards at standard eye level.

The 'New Metric Handbook' defines the mean height of eye level for men and women in the following table:

Table 11: Dimensions of British Adults

	Men		Women	
	1969	1974	1969	1974
Weight				
1. Mean	70.0	74.0	57.0	61.0
2. Standard deviation	11.0	11.0	10.0	10.0
3. Mean body fat	15.0	15.0	15.0	15.0
4. Fat on height	1.0	1.0	1.0	1.0
5. Mean body fat	10.0	10.0	10.0	10.0
6. Fat on age	0.1	0.1	0.1	0.1
7. Fat on age	0.1	0.1	0.1	0.1
8. Fat on age	0.1	0.1	0.1	0.1
9. Fat on age	0.1	0.1	0.1	0.1
10. Fat on age	0.1	0.1	0.1	0.1
11. Fat on age	0.1	0.1	0.1	0.1
12. Fat on age	0.1	0.1	0.1	0.1
13. Fat on age	0.1	0.1	0.1	0.1
14. Fat on age	0.1	0.1	0.1	0.1
15. Fat on age	0.1	0.1	0.1	0.1
16. Fat on age	0.1	0.1	0.1	0.1
17. Fat on age	0.1	0.1	0.1	0.1
18. Fat on age	0.1	0.1	0.1	0.1
19. Fat on age	0.1	0.1	0.1	0.1
20. Fat on age	0.1	0.1	0.1	0.1

Thus, when calculating the average eye level of the population the average height for men and the average height for women are added together and divided by 2:

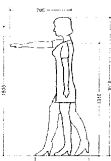
$$\frac{1630 + 1505 \text{ mm}}{2} = 1567.5 \text{ mm}$$

It is then recommended that 25mm is added for footwear making the rounded up figure for average eye level:

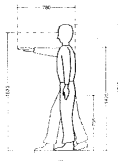
$$1567.5 + 25 = 1593 \text{ mm}$$

It is thus, recommended that the centre line of all frames and notice boards mounted around the college are fixed at this height.

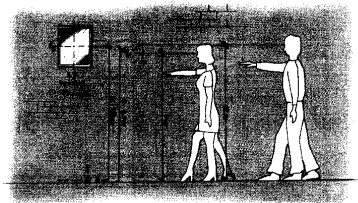
Please note however, that to comply with DDA there must be at least one area on the campus where a notice board is mounted at Wheelchair User eye level: 1200 to Centre Line of Notice Board. It is recommended that a large display system is used at this location containing the most popular notices displayed around the College.



New Metric Handbook:
Mean eye level height for women



New Metric Handbook:
Mean eye level height for men



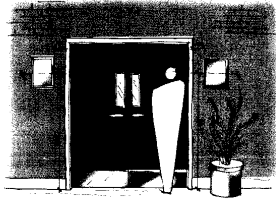
Recommended height for display systems around the College

External Usage

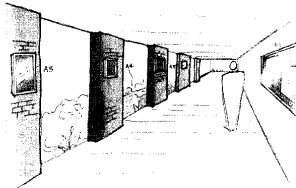
Generally display systems should be used at key positions around the campus where pedestrian flow is highest or where view to notices will be most prominent. Care should be taken, however, to ensure that should a person wish to stop and read a notice they will not be obstructing pedestrian flow – thus, use of display systems in narrow and enclosed areas should be limited. Exact locations for display systems will be based on existing areas where 'fly posting' is the most prevalent and are outlined in drawing no. 81066 902. Quantities are also scheduled in a separate document – 'External Landscape Upgrade'.

Certain rules should be adhered to when mounting display systems externally around the campus:

- All products should be mounted with centre lines to the consistent height of 1593 mm from FFL.
- All products should be mounted using a plumb line to ensure edges are at 90 and 180 degree angles.
- All Products should always be displayed with frame edges at a minimum of 150mm away from the outside edge of door architraves at entrances or 150mm from the edge of walls.
- Along major circulation routes and colonnades consideration should be given to alternating between A4 and A3 frames and providing an occasional larger noticeboard frame. Exact no.s and locations to be agreed with Estates Manager.



Poster Frames mounted by external door



Poster Frames mounted along external colonnade

2.2 Street Furniture

Products Required

The main items of Street Furniture to be replaced at the College are:

- External Seating
- Litter Bins

This will improve the appearance of the already impressive College campus, complimenting its generally high standard of Landscaping and Architecture. A 'family' of similar design components will be created which includes the products being considered for poster management.

To complete the upgrade of the College's external following other items of Street Furniture will also be considered for the chapel courtyard (refer to separate documents):

- External Lighting
- External Way Finding Signage
- Cycle Racks
- Cycle Shelters
- Planters
- Bollards

Product Implementation

Seating

Benches should be positioned at locations around the campus where people are likely to want to sit, wait, or take a rest. Benches should also be positioned to take advantage of views that are particularly interesting or attractive to the users of the College.

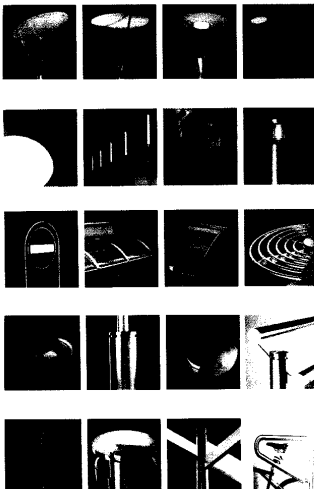
Litter Bins

Litter Bins should be positioned close to seating areas as people are often likely to eat outside in good weather and want to dispose of their litter. Bins should also be positioned at high areas of circulation around the campus and should be clearly visible.

Final locations of bins and benches are indicated in drawing no. 81066 901 and scheduled in document 'External Landscape Upgrade'.

3.0 PRODUCTS

A full list of the products specified, quantities and list prices is contained in the document 'Schedule: External Landscape Upgrade'.



Design style of external street furniture. Indicative only.