



Lucknow Barracks: Landscape and Urban Design

THE TASK

The design aim was to create a pleasant, interesting and safe working and living environment that takes account of maintenance and management commitments.

To reduce where possible the visual impact of the buildings on the landscape and enhance the character of the surroundings.

This compact campus development incorporated security needs of the client, while providing the need of a functioning operational and living environment.

Modifications of the traffic circulation allowed the creation of a core living area, dedicated to pedestrians. All buildings are accessed and serviced from a perimeter service zone. Car parking and garages located away from the buildings outside a 25m stand off distance.

The main pedestrian route links the workshop area to the West and Officers Mess to the East passing through the Junior ranks Living Accommodation passing the Junior Ranks Mess and Regimental offices.

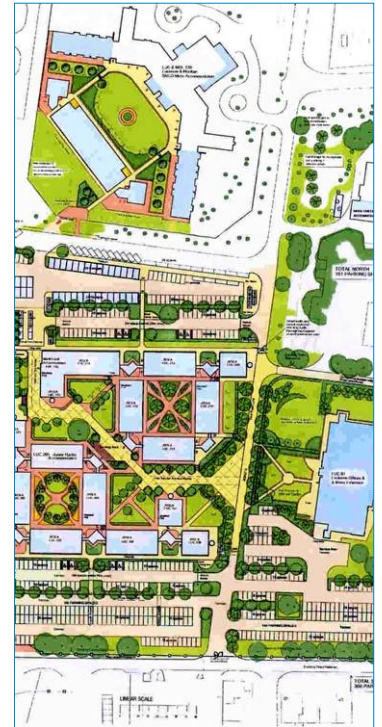
This route integrates the varied spatial design concept associated with each building, carefully reflecting the topography to provide a changing and varied scene.

A pallet of selected hard landscape materials aid the unification of the site, identifying the circulation patterns and main routes, interconnecting a variety of landscaped area and external spaces.

Level access is provided to all buildings, a challenging design on a sloping site, keeping retaining walls to a minimum.

The soft landscape design creates a unified character throughout the site while provides variation associated with the very different building uses.

PROJECT PROFILE



CLIENT

Ministry of Defence

SOFT LANDSCAPE

VALUE:

£850,000

SERVICES

- Urban Design
- Landscape

COMPLETION DATE

2005

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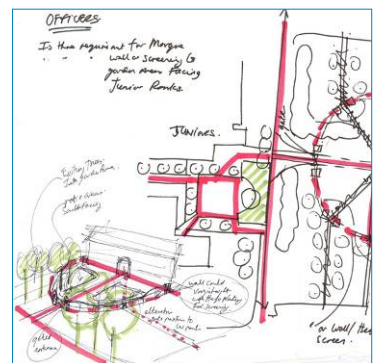
Structure planting will provide in future years improved microclimate, while closer to the buildings, a framework of evergreen planting forms a durable backdrop, to feature planting areas, for example the Headquarters Square, Junior Ranks Courtyards, pedestrian links and Officers Mess Garden.

Future management, Health and Safety and maintenance while maintaining the security integrity of the site, is a prime consideration within the design.

A five metre five 'clear area' free from shrub planting or visual obstruction has been provided against all perimeter security fencing.

All buildings are provided with 'Clear areas' to the outside walls, free from visual obstruction, to a minimum width of one metre, while also serving a dual function as mowing margins, footpath access or occasional patrol paths for inspection purposes.

Shrub and ground cover planting have been used on slopes and banks where grass cutting will be difficult and hard landscape where access to soft areas may be difficult or potentially hazardous for operatives.



FURTHER DETAILS

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