



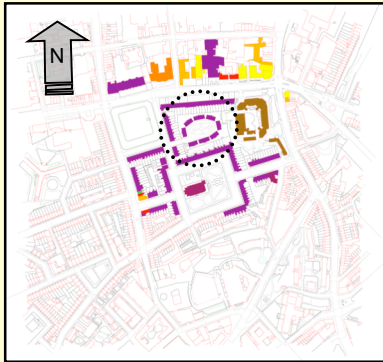
Housing Morphology in Clerkenwell

Claremont Close

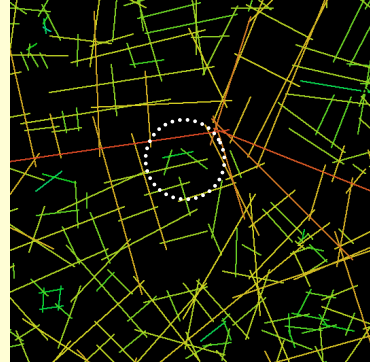


Fieldwork & Analysis carried out by Alfredo Gutierrez and Konstantinos Ioannidis

Land Use Map (estate plus surrounding buildings)



Radius-Radius Axial Map of the Broader Area



Background Information

- Estate located next to a **very busy area** (Pentonville Road / Upper Street / Angel)
- Easily accessible by means of public transport
- Social housing scheme
- Site is a dead end

Notes:

- Site belongs in a **purely residential cluster** in Clerkenwell
- Globally poorly integrated** axial lines (right next to the highly integrated ones)
- Although it is located right next to highly integrated streets, the scheme has a **very strong residential character**

Variable	Value
Number of axial lines	4716
Mean Global Integration (Radius n)	1.2373
Mean Local Integration (Radius 3)	2.6328
Mean Depth from Most Integrated	10
Mean Integration (Radius-Radius)	1.4452
No. of Outside-spaces (connectivity=1)	218

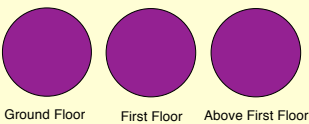


Claremont close



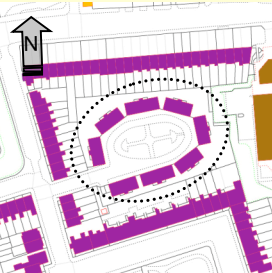
Pentonville Road

Estate Land Use Pie Charts: 100% Residential

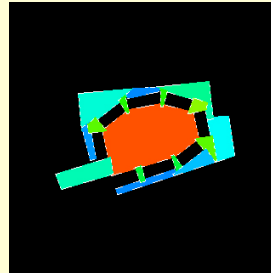


Variable	Value
(EHCS) Housing unit Type	Low-rise purpose built flats
Purpose	built/converted purpose-built
Year of original building	-
Year of conversion	-
(EHCS) ageband	1919-1944
Total site area	5686
No. of storeys	3
Total area of building foot print	1378
no. of car parking spaces	none
no. of dwelling entrances	1

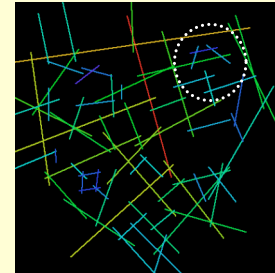
Land Use Map (estate only)



Internal Spatial Structure Convex Map



Internal Spatial Structure Axial Map

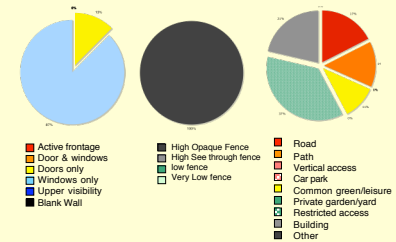
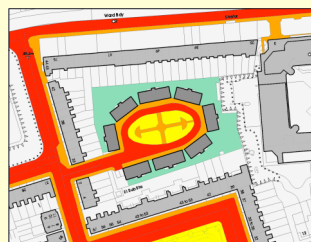
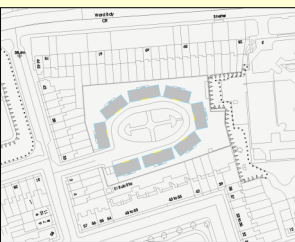
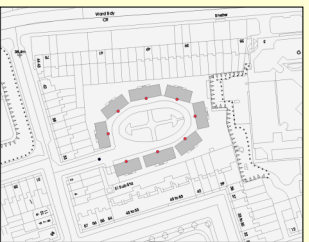


Note: The "Superimposing for the Internal Spatial Structure Axial Map" is consisted by highly integrated streets: Pentonville Rd, Penton Rise, King's Cross Rd, Farringford, Rosebery Av, St. John's St.

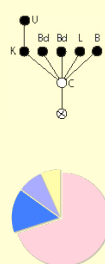
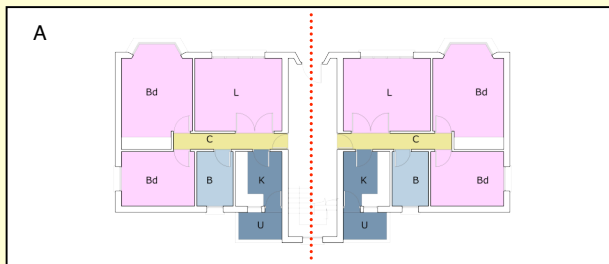
Variable	Value
No. of internal axial lines	4 (system: 69)
No. of convex spaces	17
Ratio of axial lines/convex spaces	0.2353
Mean Global Axial Integration	1.2128 (system: 1.4347)
Mean Global Convex Integration	0.5318
Maze index	3
No-neighbours score	81
Separation index	2
Constitutedness rate	6%
Neighbourliness score	6
Interface decomposition score	1

Notes:

- **Purely residential site**
- **Complex is highly globally segregated** even in its immediate urban context
- **The backyard is not accessible** from the interior of the buildings (no neighbours score is 81)
- **The structure is very shallow and introvert**
- **Highly integrated central space / segregated back yard** (not playing a unifying role for the complex)
- **Only two qualities** of public space (constitutedness rate very low)



Flat Types (note: plans subject to further verification)



Notes:

- One storey apartment
- Shallow tree** structure
- Circulation space is the most important space
- No mixing of functions**: spaces divided into two groups: communal (closer to the entrance) and private (at the greatest possible distance)



Housing Unit	No. of Units	Total Area	No. of Living Spaces	No. of Bedrooms	No. of Bedspaces
Type A	48	60	3	2	4

Housing type	no. of convex spaces	no. of transition spaces	Mean Global Integration	Mean Depth from Threshold	No. of entrances
Type A	7	6	1.9095	2	1

