

4.6 Roof Levels
4.6.1 Communal Terrace

Some of the roofspace on the buildings is proposed to be a communal roof terrace for the residents. The space will provide an important shared amenity space, an opportunity for growing, and an opportunity to enhance the ecology and biodiversity.

The roof terrace planting design includes biodiverse meadow and green roofs, while trees and climbers are used to provide structure to the layout and create zoned areas within the terrace. This encourages varying uses by residents of the building.

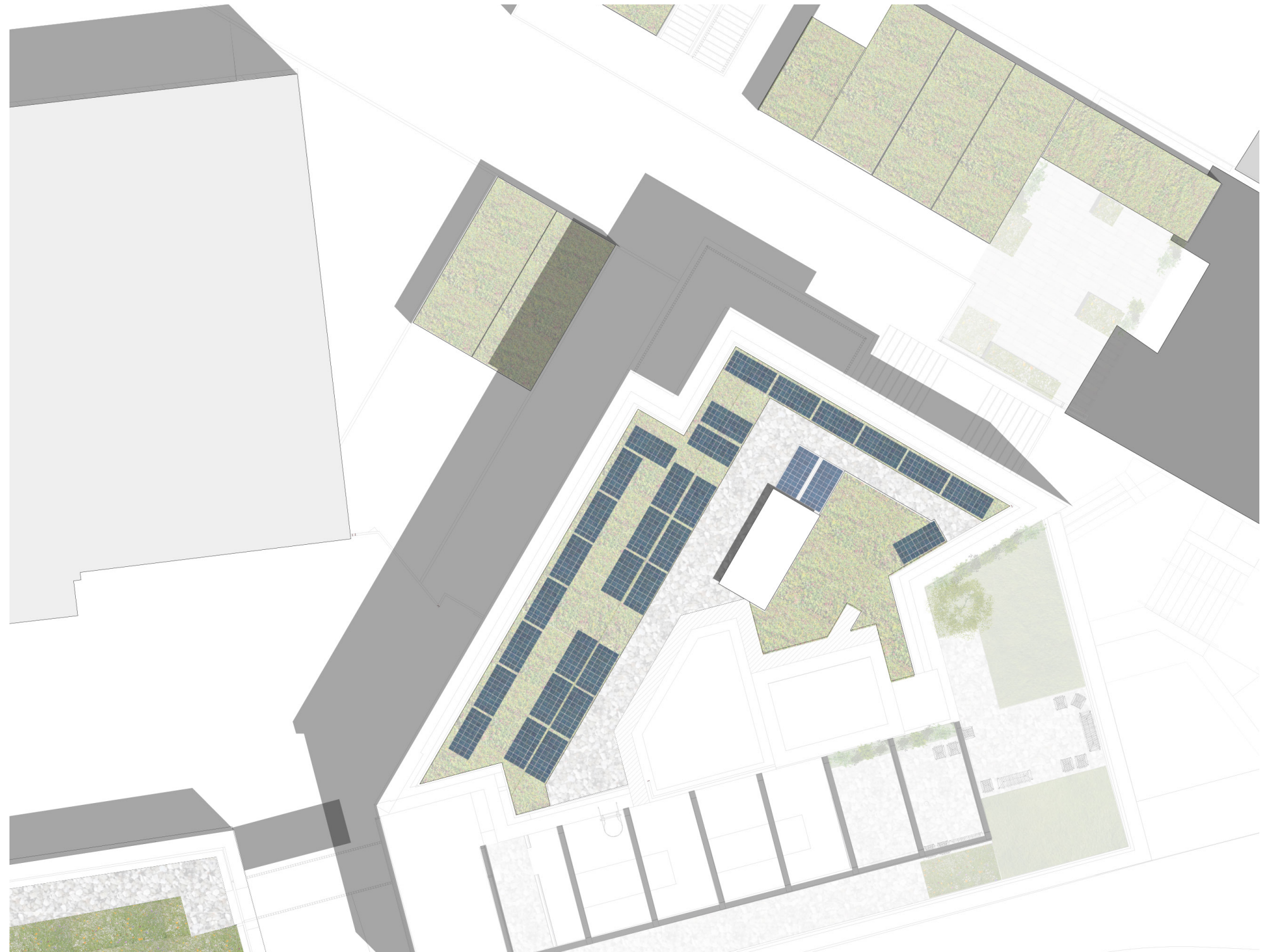
- ① Meadow
- ② Hard landscape
- ③ Pergola
- ④ Loose seating



4.6.2 Non-Accessible Roofs

Where roofs are not accessible (except for maintenance), they are proposed to be 'bio-solar roofs'. This comprises a combination of two systems, one for an extensive green roof, and the other a photovoltaic solar panel array. The benefits of such a system are:

- Despite some areas being below PV panels, the entire roof qualifies as biodiverse green roof.
- Renewable energy generation
- Uses 100% recycled high-density polyethylene (HDPE) base board
- Enhances biodiversity of green roof. Adding shaded areas within a green roof encourages varied wild life, which may not be present without the PV panels.

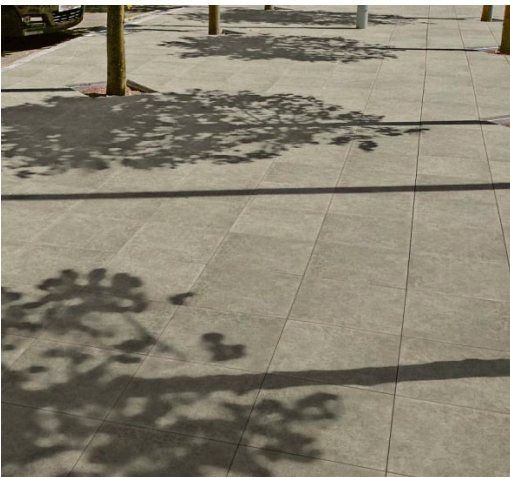


4.7 Materiality and Streetscape

The proposals outlined so far show how the Seven Sisters site can sit within the wider strategy and provide a mix of high quality amenity spaces that provide good and clear transition between public, semi public, communal, and private zones.

While the transition from one zone to another must be legible and clear, it is also imperative that the landscape of the entire district, including the site in question, be cohesive and provide a sense of identity to the spaces.

To do this, we propose a limited, but comprehensive palette of materials and street furniture. By ensuring that each space takes from this palette, we can allow for varying identities across the space, while ensuring each area firmly feels like a part of the wider district.



L-R, top to bottom:
Concrete block paving, Concrete slab paving, Grasscrete;
Exposed aggregate concrete, Resin bound gravel, Metal edging to rain gardens and planters;
Communal street furniture, Accessible kerb thresholds, Vandal-resistant hardware.