

Rooftop Siting Concepts

Note: Diagrams illustrate concepts and do not include all structural and technical supports. The number and scale of the antennas are indicative, and do not specify exact sizes, locations or number. However, on roof or elevator penthouses, it is expected that antennas will be spaced at approximately 1.5m to limit clutter.

Screens are shown in a contrasting colour in the diagrams for clarity. Screen colour should be chosen to harmonize with the building and limit visual prominence.

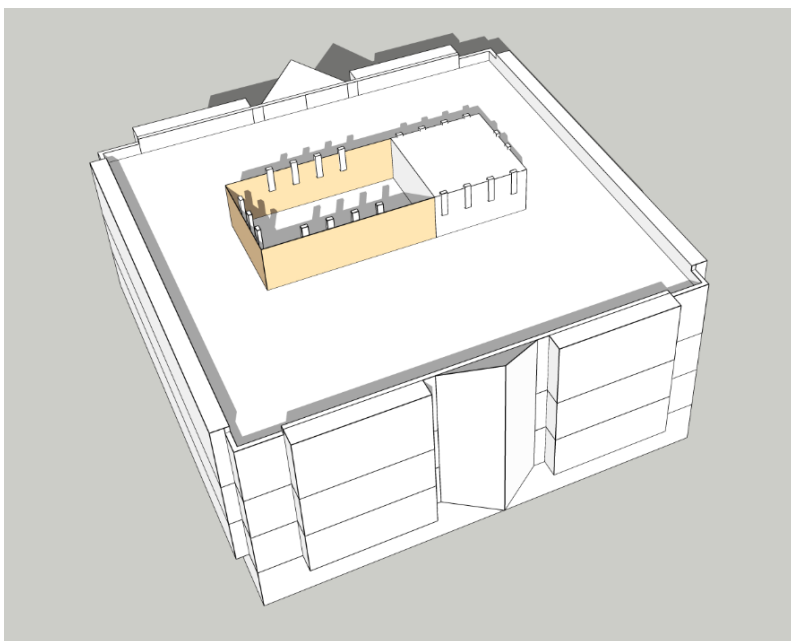
The appropriate siting of an antenna on a rooftop may be the most significant decision to reduce its visual impact. Antenna systems should be located to be unobtrusive.

A.

Where structurally feasible, roof penthouses may be extended horizontally to house antennas and equipment.

It is preferred that the antennas be mounted to stair or elevator overrun that are set back from building edges by at least 2.4m. Where structurally feasible, roof penthouses may be extended horizontally to house antennas and equipment.

On roof or elevator penthouses, or their screen extensions, antennas may project above the parapet or screen by approximately 1/3 their height, or maximum 1.2m.



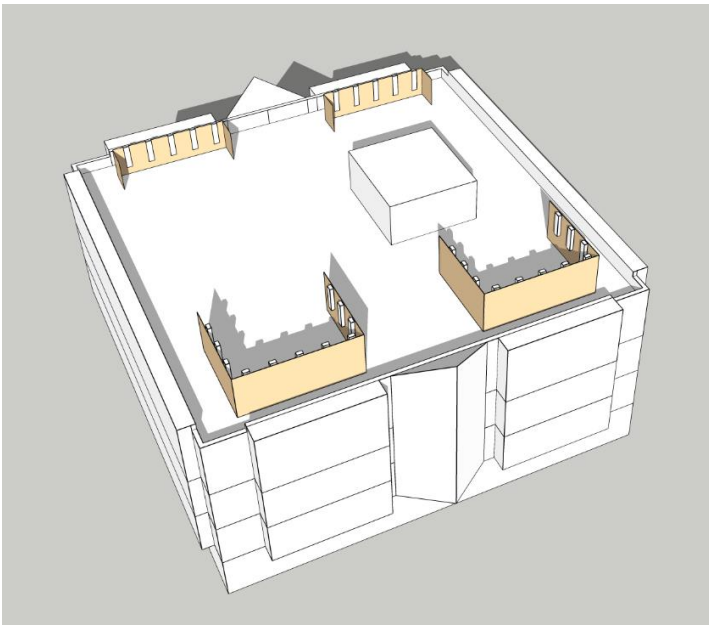
B.

Screening should be designed to be integrated into the building form without unduly detracting from the architectural character or exaggerating less attractive features.

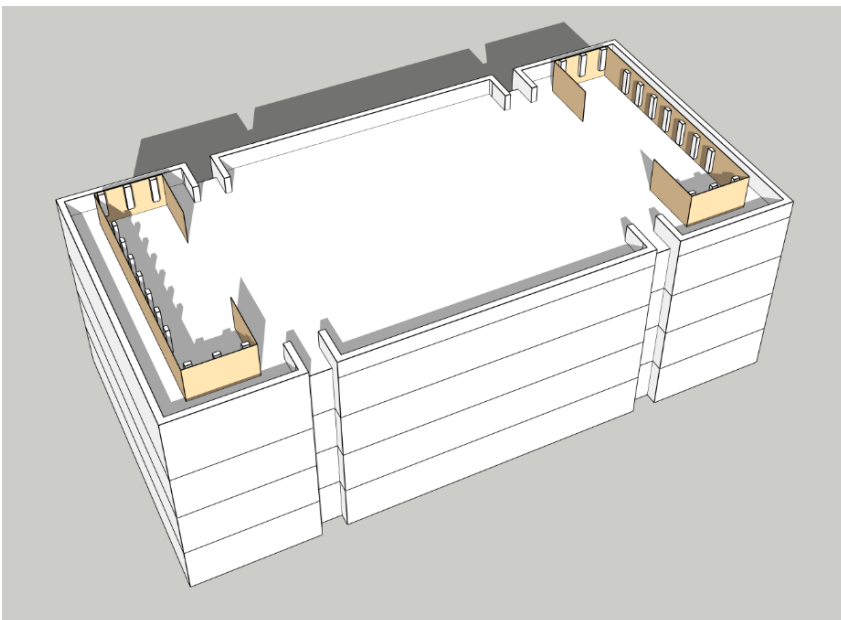
Wrap screening back and around the corner so that it aligns with the architectural elements, covers equipment and structural supports, or at least 2m.

Screens should generally be 3 sided to ensure views are screened from all public streets or areas. In some instances, full enclosure may be needed. It is recognized that maintenance openings are required.

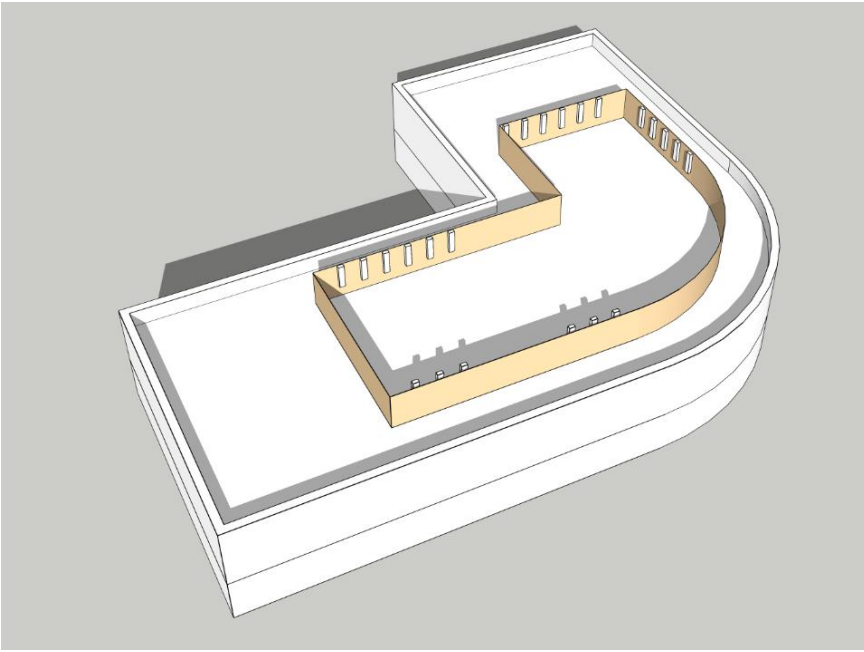
i.



ii.



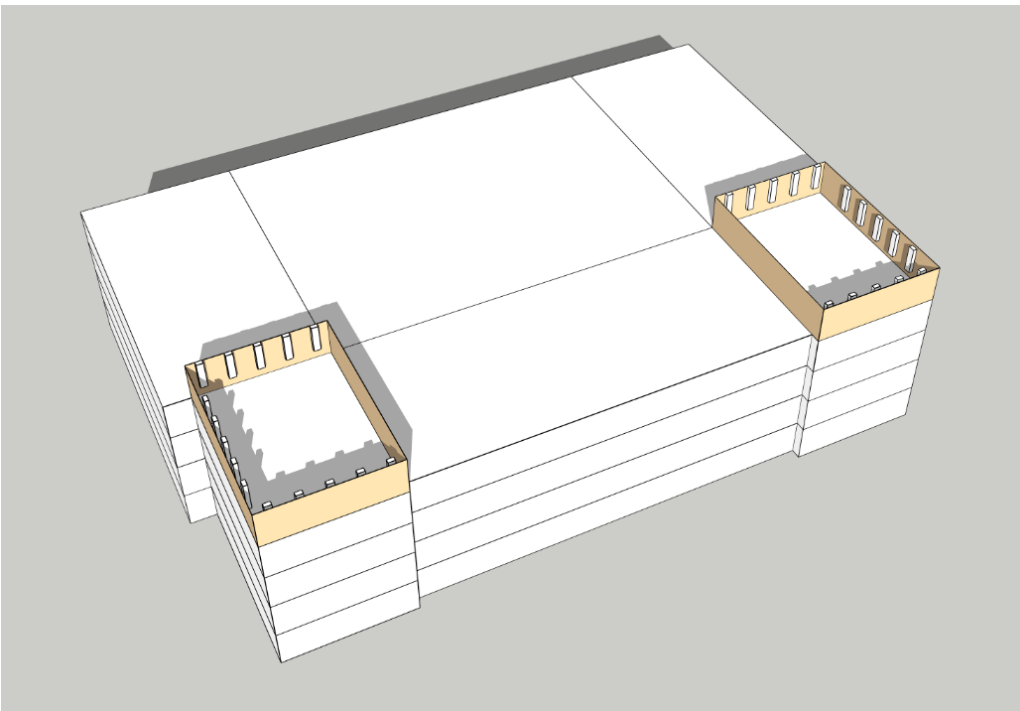
iii.



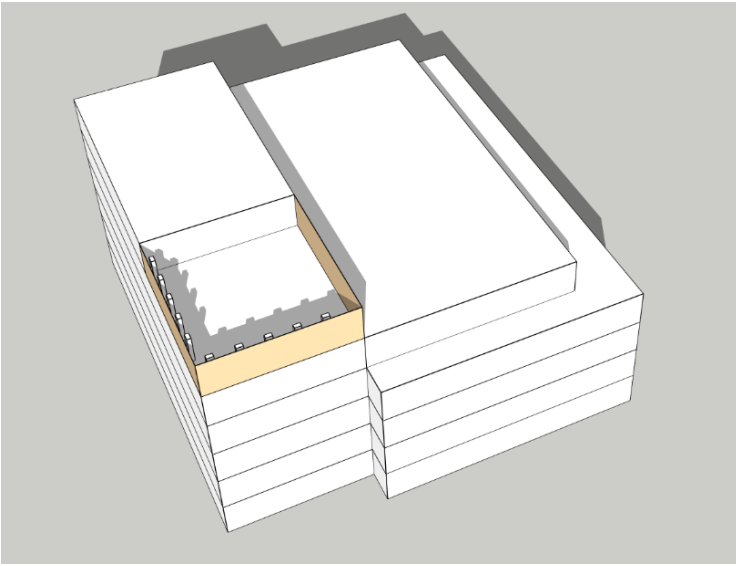
c.

When extending an architectural element as a screen, it should be customized to match the architectural design of the building. This approach is best utilized as part of early building design. While this can be a very effective screening measure, it requires careful architectural detailing.

i.



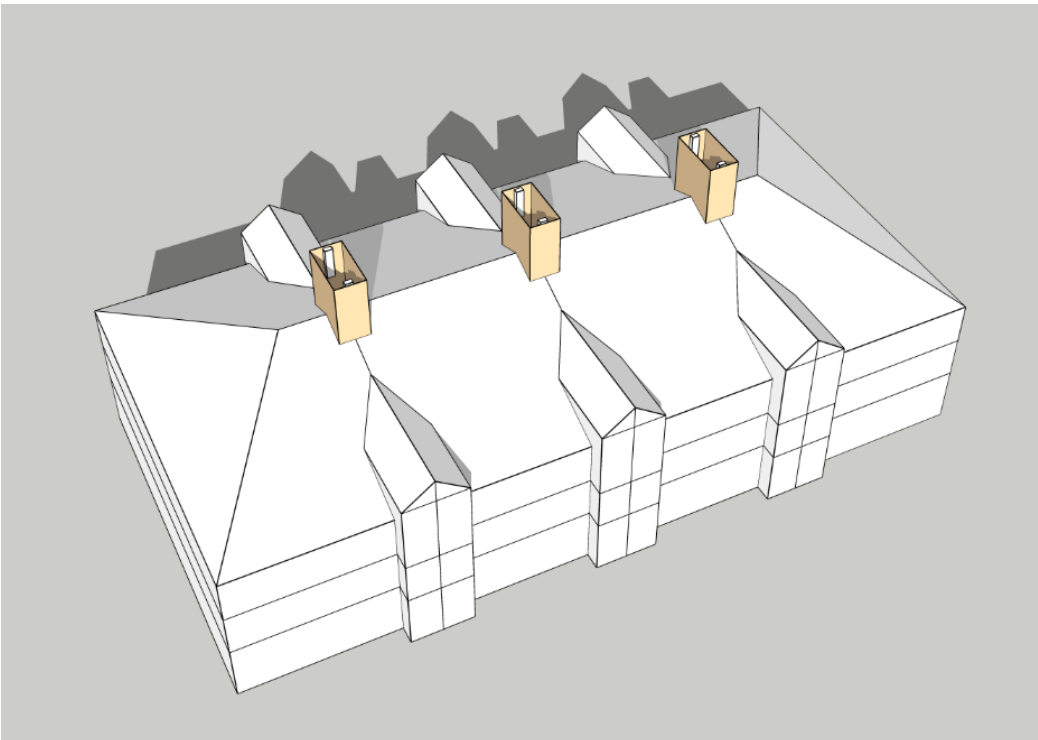
ii.



D.

Mounting antennas and equipment on pitched/sloping roofs should be avoided. If there are no alternative locations in the area, installations may be considered if they are incorporated in an architecturally compatible manner. (e.g. screened in a “chimney”). Note that enclosures are located to complement the architectural composition of the building.

i.



ii.

