

Rooftop Garden Planning *worksheet*

Rooftop Site Assessment

Building Structure & Safety

Maximum load capacity of roof (if known) _____ (lbs/sq.ft)

Have you consulted a structural engineer? Yes ☐ No ☐

Roof material _____

Roof slope/angle _____

Sunlight Analysis

Mark hours of direct sunlight in each area

| Roof Area | Morning (6am-10am) | Midday (10am-2pm) | Afternoon (2pm-6pm) | Total Hours |
|------------|-----------------------|----------------------|------------------------|-------------|
| North Side | | | | |
| East Side | | | | |
| South Side | | | | |
| West Side | | | | |
| Center | | | | |

Wind Exposure

Wind direction(predominant)_____

Wind intensity Mild ☐ Moderate ☐ Strong ☐ Severe ☐

Wind barrier needed? North ☐ East ☐ South ☐ West ☐

Water Access

Distance to the nearest water source: _____

| Water pressure adequate for irrigation?: | Yes | No | Unknown |
|--|-----|----|---------|
| | | | |

Water pressure adequate for irrigation?: Yes No

Access & Convenience

Access route to roof: Stairs Elevator Other: _____

Can you transport heavy items easily?: Yes No

Distance from living space: _____

Environmental Factors

Nearby pollution sources?: Yes No If yes, describe:_____

Local weather concerns (check all that apply)

Frost/freezing

Excessive heat

Heavy rain

Hail

Snow load

Drought

Other: _____

Notes

This image shows a single sheet of white paper with horizontal blue or grey ruling lines, typical of notebook paper. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.