



CLIMATE
READY



DC

RESILIENT
DESIGN
GUIDELINES

RESILIENT DESIGN STRATEGIES MATRIX

#	BUILDING STRATEGIES	#	SITE/LANDSCAPE STRATEGIES
DESIGN FOR FLOODING		DESIGN FOR FLOODING	
✓ 1	Avoid Development in Flood Hazard Areas	N/A	25 Implement Project Setbacks
✓ 2	Keep Occupied Spaces Above the Sea Level Rise Adjusted Flood Elevation	N/A	26 Minimize Channelization of Stormwater
✗ 3	Integrate Exterior Dry Floodproofing Techniques	N/A	27 Design for Stormwater Infiltration
✓ 4	Improve Drainage Control and Prevent Intrusion into Buildings	✓ 28	28 Incorporate Green Infrastructure
✓ 5	Use Wettable Systems/Finishes At and Below the Lowest Occupiable Floor	TBD	29 Install Permeable Pavement
✓ 6	Provide Rainscreen Detail for Siding/Cladding	N/A	30 Protect Critical Assets with Barriers
✓ 7	Reinforce Building Corners and Exteriors	✓ 31	31 Plan for Controlled Flooding
✓ 8	Specify a Resilient Elevator	SPECIAL CONSIDERATIONS FOR WATERFRONT AREAS	
✓ 9	Protect Mechanical and Electrical Equipment from Flooding	N/A	32 Increase Setbacks From Waterfront
✓ 10	Install Sewer Backflow Preventers	N/A	33 Design Waterfront Areas for Inundation
✓ 11	Consider a Vegetative (Green) Roof	N/A	34 Incorporate Living Shorelines
DESIGN FOR EXTREME HEAT		N/A	35 Protect Floating Docks and Marina Assets
✓ 12	Building Form and Envelope	N/A	36 Design Waterfront Boating Access to Accommodate Change
✓ 13	Continuous Air Barrier	DESIGN FOR EXTREME HEAT	
✓ 14	Design for Increased Termites	✗ 37	37 Provide Vegetative Shading
✓ 15	Disease Carrying Insects	✓ 38	38 Install Drought-Tolerant Landscaping
✓ 16	Mechanical Systems of The Future	✓ 39	39 Use Reflective Materials in Paved Patios, Parking Lots, and Sidewalks
✗ 17	Vegetated Facade	✓ 40	40 Provide Shaded Outdoor Gathering Spaces
✓ 18	Cool or Reflective Roofs		
DESIGN FOR POWER OUTAGES			
✗ 19	Achieve Passive Survivability		
✓ 20	Design for Natural Daylighting		
✓ 21	Provide Backup Power with Islanding Capability		
✗ 22	Wire Building so that Critical Loads Are on Separate Circuits		
TBD	23 Target 100% Building Electrification		
✗ 24	Install Solar Electric System		

- ✓ Project complies
- ✗ Not provided in project
- TBD To be determined for project
- N/A Not applicable to project