

Seattle, Green City Partnerships and Forterra, 36 pp.
Contents

Acknowledgements ......................................................... 2
Publication Date .......................................................... 2
Background ................................................................ 4
CPTED Basics .................................................................. 4
CPTED Goals for Natural Area Vegetation Management ........... 6
Natural Area Planting for CPTED ........................................ 6
  Plant Selection and Placement ....................................... 6
  Edge Friendly Plants .................................................... 7
  Thoughtful Placement for Trees ...................................... 10
  Thicket Forming Plants to Steer Away from Edges ............. 12
Resources for More Information on Native Plant Identification and Characteristics: 12
Protecting New Edge Plantings during Establishment ............. 12
Natural Area Pruning for CPTED ......................................... 14
  Introduction to Pruning ................................................ 15
  General Pruning Principles to Meet Natural Area CPTED and Habitat Objectives 20
  Species-Specific Considerations ..................................... 22
Natural Area Maintenance for CPTED .................................... 28
  General Maintenance .................................................... 28
  Invasive/Unwanted Plants .............................................. 28
  Pruning .................................................................... 28
Challenges and Opportunities for Vegetation Management ........ 28
Glossary ....................................................................... 30
References ..................................................................... 32
Appendix 1: Tree Training Cue Card .................................... 33
Appendix 2: Social Dimensions of CPTED ......................... 34
  Social Dimension CPTED Principles ............................... 34
  Social Dimension CPTED Recommendations for Natural Areas 35
Crime Prevention Through Environmental Design in Natural Areas
CPTED - Social Dimensions

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Nature for Health

First Gen CPTED :: Structural

2nd Gen CPTED :: Social
<table>
<thead>
<tr>
<th>Activity Level</th>
<th>Landscape Gradient</th>
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</thead>
<tbody>
<tr>
<td><strong>HIGH EXERTION</strong></td>
<td>WILDLAND</td>
</tr>
<tr>
<td>backpacking, climbing, skiing, snowshoeing &amp; wilderness tours</td>
<td>hiking, cycling &amp; paddling</td>
</tr>
<tr>
<td>hunting, fishing &amp; trapping</td>
<td>stewardship &amp; restoration events</td>
</tr>
<tr>
<td>food &amp; materials foraging</td>
<td>active living (brisk walking, running &amp; biking)</td>
</tr>
<tr>
<td><strong>LIGHT EXERTION</strong></td>
<td></td>
</tr>
<tr>
<td>camping</td>
<td>restorative pastimes (picnic, dog walking)</td>
</tr>
<tr>
<td>natural areas car touring</td>
<td>nature-based education</td>
</tr>
<tr>
<td></td>
<td>nature watching (plants, wildlife, birds)</td>
</tr>
</tbody>
</table>
Space + Place = Behavior

implicit even subconscious reinforcement
positive guidance
reducing uncertainly (thus anxiety or frustration)
First Generation CPTED
Main Principles (Structural):

- Natural surveillance
- Natural access control
- Territorial reinforcement
- Maintenance
Natural Surveillance

Sight lines, the ability to see and to be seen - reduce obstructions or blind corners, and create spaces that foster ease of social interaction.
Natural Access Control

Design features facilitate wayfinding and clearly define entrances/exits.
Natural Access Control
mobility hierarchies

e.g. road networks

credit: Planning Tank
Territorial Reinforcement

Use elements that identify specific functions of a site and provide visual indicators of what the place and its users are about.
Territorial Reinforcement
Visual indicators of what the place and its users are about.
Territorial Reinforcement
Visual indicators of what the place and its users are about.
Maintenance
Visual messages of care, attention and stewardship that can discourage undesired activity.
Maintenance
‘cues to care’
Joan Nassauer

Tanner Springs Park, Portland
• Natural surveillance
• Natural access control
• Territorial reinforcement
• Maintenance
Sankt Kjelds Square and Bryggervangen
Copenhagen, design studio SLA
Nature for Health

First Gen CPTED :: Structural

2nd Gen CPTED :: Social
Healthy Microbiome

- control obesity & asthma
- boost immune function
- improve mental health

put aside the Hygiene Hypothesis

need contact with ‘Old Friends’”
Eat Dirt!
Fiddleheads Forest School
Washington Park Arboretum (Seattle)
cognitive
social &
physical
learning
The medicine of being in the forest

We are the leading global voice for forest bathing and forest therapy.
public health officials
moderate activity
recommendations

parks, active living, active transit
Nature for Health

First Gen CPTED :: Structural

2nd Gen CPTED :: Social
Second Generation CPTED
Main Principles (Social):

• Social Cohesion.
• Community Connectivity
• Community Culture
• Threshold Capacity

Choose One!

How can the principle be part of your organization’s green/open space policy?
Social Cohesion. The goal is to support places where there exists a mutual respect and appreciation for both the similarities and differences between people and groups within a site user population. This includes attention to the conditions and operations that recognize, support, and celebrate community diversity. Nurturing increased levels of formal and informal social control through relationships of users and nearby residents who have different backgrounds produces positive esteem and place attachment.
Social Cohesion
mutual respect and appreciation and diversity, leading to positive esteem and place attachment
Community Connectivity. Achieving connectivity means nurturing partnerships within the community. Such connections serve as the foundation to coordinate activities and programs with and between government and nongovernment agencies. A more empowered, well-connected, and integrated community will have a stronger sense of place. This connectivity can help to encourage and maintain community self-policing.
Community Connectivity
Community Connectivity EcoRevelatory Design

River and Ridge: Geologic Eco-Revelatory Design
Valerie Friedmann

erosion

deposition
Community Culture. This is present when community members come together and share a sense of place that contributes to positive expressions of ownership and territoriality. A strong sense of community can encourage the neighborhood to adopt positive outlooks and behaviors, including self-policing. Shared culture is expressed as people work on setting up and participating in festivals, cultural events, youth clubs, and commemorating significant local community events and people.
Community Culture
Community Culture

credit: Town of Highland Park, TX
Community Culture
Threshold Capacity. Neighborhoods and places can be regarded as ecosystems. Pressures and drivers of change are constant and resulting changes can encourage or inhibit negative behavior. When neighborhood ecosystems exceed their threshold capacity, this is referred to as the tipping point. Place perceptions can tip from a positive outlook (despite modest levels of negative activity) to a sense of decline or threat, and vice versa.
Threshold Capacity

social tipping point, place perceptions tip from a positive outlook (despite modest levels of negative activity) to a sense of decline or threat, and vice versa
> 10 years
> 100 gardens
> 10,000 journal entries
The Green Road: Walter Reed National Military Medical Center
The Green Road Project
A model program of the Institute for Integrative Health
Naval Support Activity Bethesda
Home of Walter Reed National Military Medical Center
Stream restoration heals the landscape and invites access to the water
woody debris :: fallen tree trunks symbolize the fallen soldiers’ legacy in conflicts
Second Generation CPTED
Main Principles (Social):

• Social Cohesion
• Community Connectivity
• Community Culture
• Threshold Capacity

Question?
Choose one!
What is your interpretation?
How might that be translated to your organization’s policy?
Need CEUs?

Crime Prevention Through Environmental Design (CPTED) in Urban Natural Areas: Social Dimensions

Kathleen Wolf

CEU Code: WI – 20 – 019

CA: 1.0      MS: 1.0    BCMA-M: 1.0