### Hawaii Homesite Score Card

**Cooperative Extension Service**

**Hawaii Homesite Score Card**

**Form 264**

Name ___________________________________ Site No. __________________________________________
County or Group (4-H, F.F.A. Chapter, etc.) ________________________________________________________
Soil and Water Conservation District _____________________________________________________________

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**PART 1. SOIL FACTORS:**

Place an “X” in the appropriate square

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A. Sandy</td>
<td></td>
<td></td>
<td></td>
<td>A. None</td>
<td>A. Low</td>
<td>A. 0–2%</td>
<td>A. Deep</td>
<td>A. None</td>
<td>All factors slight</td>
</tr>
<tr>
<td></td>
<td>B. Loamy</td>
<td></td>
<td></td>
<td></td>
<td>B. Moderate</td>
<td>B. Moderate</td>
<td>B. 3–14%</td>
<td>B. Moderately deep</td>
<td>B. Occasional: once in 2 years or less</td>
<td>One or more factors moderate and none severe</td>
</tr>
<tr>
<td></td>
<td>C. Clayey</td>
<td></td>
<td></td>
<td></td>
<td>C. Severe</td>
<td>C. High</td>
<td>C. 15% or more</td>
<td>C. Shallow: &lt;20 inches</td>
<td>C. Frequent: more than once in 2 years</td>
<td>One or more factors severe</td>
</tr>
<tr>
<td></td>
<td>D. Very clayey</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**PART 2. PLANNED USE: Family dwelling site.**
Interpret the limitations in terms of the factors below (2 points each)

<table>
<thead>
<tr>
<th>Degree of limitation</th>
<th>Foundations for buildings</th>
<th>Lawns, shrubs, and gardens</th>
<th>Shallow excavations</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slight</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moderate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Severe</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Score Limitation Interpretations**

- **Degree of Foundations for Lawns, shrubs, Shallow excavations**
  - Slight: 0–2%
  - Moderate: 3–7%
  - Severe: 8–14%
- **Degree of Buildings and gardens excavations**
  - Slight: 8–14%
  - Moderate: 15–24%
  - Severe: >25%
- **Degree of Soil Depth**
  - Slight: 40 inches or more
  - Moderate: 20–39 inches
  - Severe: 10–19 inches
  - Very shallow: 0–9 inches
- **Degree of Slope**
  - Slight: Nearly level: 0–2%
  - Moderate: Gently sloping: 3–7%
  - Severe: Strongly sloping: 8–14%
- **Degree of Erosion**
  - Slight: None–slight
  - Moderate: Occasional: once in 2 years or less
  - Severe: Frequent: more than once in 2 years
- **Degree of Shrink-swell**
  - Slight: Low
  - Moderate: Moderate
  - Severe: High
- **Degree of Stoniness**
  - Slight: 0–2%
  - Moderate: 3–14%
  - Severe: 15% or more
- **Degree of Water table**
  - Slight: Deep: 40 inches or more
  - Moderate: Moderately deep: 20–39 inches
  - Severe: Shallow: <20 inches
- **Degree of Flooding**
  - Slight: None
  - Moderate: Occasional: once in 2 years or less
  - Severe: Frequent: more than once in 2 years

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**Part 1 score (possible 40) _________ Part 2 score (possible 60) _________ Total score (possible 100) _________**
## Hawaii Conservation Awareness Score Card

**Form 264**

### PART 1. PHYSICAL FEATURES

<table>
<thead>
<tr>
<th>Score</th>
<th>PLACE AN “X” IN THE APPROPRIATE SQUARE.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Surface texture</td>
<td>A. Sandy</td>
</tr>
<tr>
<td>2. Subsoil texture</td>
<td>A. Sandy</td>
</tr>
<tr>
<td>3. Permeability</td>
<td>A. Slow: &lt; 0.2 inches / hr</td>
</tr>
<tr>
<td>5. Slope</td>
<td>A. Nearly level: 0–2%</td>
</tr>
<tr>
<td>6. Erosion</td>
<td>A. None–slight</td>
</tr>
</tbody>
</table>

### PART 2. MAJOR FACTORS

Check the most important problems

- 1. Surface texture
- 2. Permeability
- 3. Depth
- 4. Slope
- 5. Erosion
- 6. Wetness
- 7. Rainfall
- 8. Elevation and climate
- 9. Wind
- 10. Flooding
- 11. Stoniness / rock outcrop
- 12. Salinity
- 13. None

### PART 3. LAND CAPABILITY CLASS

- 1. Class I
- 2. Class II
- 3. Class III
- 4. Class IV
- 5. Class V
- 6. Class VI
- 7. Class VII
- 8. Class VIII

### PART 4. RECOMMENDED CONSERVATION PRACTICES

#### FOR CROPLAND AND ORCHARD

- 1. Soil conserving crop every 4th or 5th year
- 2. Soil conserving crop every 3rd or 4th year
- 3. Soil conserving crop every 2nd year
- 4. Soil conserving crop every year
- 5. Return crop residue to the soil
- 6. Establish grassed waterways
- 7. Establish recommended windbreaks for erosion control or crop protection
- 8. Cross-slope (contour) farming
- 9. Construct and maintain diversions or terraces
- 10. Irrigation water management
- 11. Use animal manure
- 12. Use green manure crops

#### FOR PASTURE:

- 13. Establish recommended grasses and legumes
- 14. Manage grazing for erosion control
- 15. Control noxious plants
- 16. Improve and maintain water facilities such as pipelines, catchments, reservoirs, and tanks for livestock
- 17. Establish windbreaks or shelterbelts for animal protection

#### FOR WOODLAND:

- 18. Plant adapted trees
- 19. Protect trees from burning and grazing
- 20. Harvest trees selectively

#### FOR RECREATION AND WILDLIFE:

- 21. Wildlife habitat improvement, including food and cover plantings
- 22. Improve water facilities for wildlife and recreation such as pipelines, catchments, tanks and ponds
- 23. Develop recreational facilities such as access roads, trails, shelters and campsites

#### FOR EITHER CROPLAND AND ORCHARD, PASTURE, OR WOODLAND:

- 24. Control flooding, construct dikes or levees
- 25. Install and maintain a drainage system
- 26. Apply lime or soil amendments according to soil test
- 27. Fertilize with nitrogen, phosphorus, and / or potassium
- 28. Fertilizer or soil amendments not needed

### Scores

- Part 2 score (possible 30) __________
- Part 3 score (possible 10) __________
- Part 2 score (possible 10) __________
- Part 4 score (possible 50) __________

**Total score (possible 100) __________**