# Table of Contents

## 8. Plates

<table>
<thead>
<tr>
<th>Plate</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Existing Conditions/Adjacent Land Use</td>
<td>II-8.1</td>
</tr>
<tr>
<td>2.</td>
<td>Synthesis of Archaeological Resources + ORAR Slope Intervals</td>
<td>II-8.2</td>
</tr>
<tr>
<td>3.</td>
<td>Summary of Existing Natural Resource Conditions</td>
<td>II-8.3</td>
</tr>
<tr>
<td>4.</td>
<td>Existing Drainage Patterns + Watersheds</td>
<td>II-8.4</td>
</tr>
<tr>
<td>5.</td>
<td>ORAR Slope Intervals</td>
<td>II-8.5</td>
</tr>
<tr>
<td>6.</td>
<td>Aerial Photograph 1937</td>
<td>II-8.6</td>
</tr>
<tr>
<td>7.</td>
<td>Aerial Photograph 1949</td>
<td>II-8.7</td>
</tr>
<tr>
<td>8.</td>
<td>OHA Mapping - Fort Ward Cultural Resources - Native American</td>
<td>II-8.8</td>
</tr>
<tr>
<td>9.</td>
<td>OHA Mapping - Fort Ward Cultural Resources - Civil War</td>
<td>II-8.9</td>
</tr>
<tr>
<td>10.</td>
<td>OHA Mapping - Fort Ward Cultural Resources - “The Fort Community”</td>
<td>II-8.10</td>
</tr>
<tr>
<td>11.</td>
<td>OHA Mapping - Fort Ward Cultural Resources - Identified and Potential Cemeteries</td>
<td>II-8.11</td>
</tr>
<tr>
<td>13.</td>
<td>Native American Resource Areas (drawn from OHA data)</td>
<td>II-8.13</td>
</tr>
<tr>
<td>14.</td>
<td>Civil War Features (drawn from OHA data)</td>
<td>II-8.14</td>
</tr>
<tr>
<td>15.</td>
<td>“The Fort” Community Features (drawn from OHA data)</td>
<td>II-8.15</td>
</tr>
<tr>
<td>16.</td>
<td>Recreational Features</td>
<td>II-8.16</td>
</tr>
<tr>
<td>17.</td>
<td>Natural Features</td>
<td>II-8.17</td>
</tr>
<tr>
<td>18.</td>
<td>Composite of Features</td>
<td>II-8.18</td>
</tr>
<tr>
<td>19.</td>
<td>MOU Boundaries - Proposed for 2015</td>
<td>II-8.19</td>
</tr>
<tr>
<td>20.</td>
<td>Management Zones Land Cover Definition</td>
<td>II-8.20</td>
</tr>
<tr>
<td>21.</td>
<td>Aeration</td>
<td>II-8.21</td>
</tr>
<tr>
<td>22.</td>
<td>Ground Disturbing Activities</td>
<td>II-8.22</td>
</tr>
<tr>
<td>23.</td>
<td>Leaf Litter Disposal Management Areas</td>
<td>II-8.23</td>
</tr>
<tr>
<td>25.</td>
<td>Potential Soft Path System and Enhancement Opportunities</td>
<td>II-8.25</td>
</tr>
</tbody>
</table>
Plate 1. Existing Conditions/Adjacent Land Use
Plate 4. Existing Drainage Patterns + Watersheds

Fort Ward Park and Museum Area Management Plan

City of Alexandria, Virginia

Management Plan Boundary
Play ground
Park Parcel
Fence, Wall, Retaining Wall
Road or pavement
Stream centerline (approximate)*
Contour 2'

Sanitary lines
Drainage lines
Drainage inlet
Collector
Culvert
Erosion and/or compacted soil**
Interceptor
Traditional Pipe

NOTES:
*Stream centerline layer was traced from the map, "Fort Ward Park - Native American Cultural Resources" from the Inventory of Historical Resources - Fort Ward Park WORKING DRAFT - 9/10/09.
**Erosion and/or compacted soil layer was generated from a field inventory by L/KLA in June of 2013.

GIS Sources: City of Alexandria, USDA
ORAR* Slope Intervals

According to the Access Board Outdoor Recreation Access Route (ORAR) Guidelines for Outdoor Developed Areas (Oct. 16, 2009): "1016.7.1 Running Slope. The running slope of any segment of an outdoor recreation access route shall not be steeper than 1:10. Where the running slope of a segment of an outdoor recreation access route is steeper than 1:20, the maximum length of the segment shall be in accordance with Table 1016.7.1, and a resting interval complying with 1016.8 shall be provided at each end of the segment."

Slope intervals shown on this map correspond with the slope guidelines for Outdoor Recreation Access Routes indicated above. Slopes steeper than 1:20 (5%) but not steeper than 1:12 (8.3%) can have a maximum segment length of 50 feet. Slopes steeper than 1:12 (8.3%) but not steeper than 1:10 (10%) can have a maximum segment length of 30 feet. Slopes greater than 1:10 (10%) are too steep for outdoor recreation access routes.

---

Fort Ward Park and Museum Area Management Plan

City of Alexandria, Virginia

Management Plan Boundary Percent Slope (per ORAR guidelines)
- Road or pavement 0% - 5%
- Drainage flowlines 5.000000001% - 8.3%
- Park Feature 8.300000001% - 10%
- Picnic Area 10.00000001% - 80%

Lardner/Klein Landscape Architects, PC

Plate 5. ORAR Slope Intervals

October 2014
Aerial Photo of Fort Ward Park 1937
Aerial Photo of Fort Ward Park 1949
Plate 9. OHA Mapping - Fort Ward Cultural Resources - Civil War

October 2014

FINAL DRAFT
Fort Ward Park and Museum Area Management Plan

Section II: Plates

Plate 10. OHA Mapping - Fort Ward Cultural Resources - "The Fort Community"
Plate 11. OHA Mapping - Fort Ward Cultural Resources - Identified and Potential Cemeteries
Plate 12. OHA Mapping - Fort Ward Cultural Resources - Cultural Resource Protection Levels
Fort Ward Park and Museum Area Management Plan

Native American Resource Areas

City of Alexandria, Virginia

- Management Plan Boundary
- Park Parcel
- Native American Resource Area

Lardner/Klein Landscape Architects, PC
in association with
Heritage Strategies, Inc., John Milner Associates, Inc. and Barbara Franco

Plate 13. Native American Resource Areas (drawn from OHA data)

October 2014

FINAL DRAFT
Fort Ward Park and Museum Area Management Plan

City of Alexandria, Virginia

Management Plan Boundary
Park Parcel
Civil War Features
Fort earthworks and interior features
Exterior Fort earthworks

Lardner/Klein Landscape Architects, PC

Plate 14. Civil War Features (drawn from OHA data)
Fort Ward Park and Museum Area Management Plan

City of Alexandria, Virginia

- Management Plan Boundary
- Park Parcel
  - The Fort Community Features
  - "The Fort" Heritage Trail

Fort Community Features

Managing Park and Museum: Plan

GIS Sources: City of Alexandria

Plate 15. “The Fort” Community Features (drawn from OHA data)

October 2014


FINAL DRAFT
Recreational Features

City of Alexandria, Virginia

- Management Plan Boundary
- Picnic Area
- Park Parcel
- Restroom
- Park Road or Parking
- Number of parking spaces
- Recreational Feature

Lardner/Klein Landscape Architects, PC in association with Heritage Strategies, Inc., John Milner Associates, Inc. and Barbara Franco

Plate 16. Recreational Features

October 2014
Fort Ward Park and Museum Area Management Plan

Natural Features

City of Alexandria, Virginia

- Management Plan Boundary
- Tree Inventory
- Tree or Azalea bed (LKLA inventory 6/2013)*
- Tree (Archaeology-City of Alexandria)
- Woodland Glade (mowed annually in fall)**
- Meadows (mowed annually in fall)**

*Points indicate the general locations (hand-held GPS) of trees and azalea beds.
**Woodland glade and meadows polygons are in draft form—an update is forthcoming.
Only one meadow remains as of 2013.

Plate 17. Natural Features

Lardner/Klein Landscape Architects, PC in association with Heritage Strategies, Inc., John Milner Associates, Inc. and Barbara Franco

NOTE: City of Alexandria Arboretum Map Brochure is overlaid on aerial photo for reference.

GIS Sources: City of Alexandria

October 2014

FINAL DRAFT
Section II: Plates

Fort Ward Park and Museum Area Management Plan

Plate 18. Composite of Features
Management Zones

City of Alexandria, Virginia

- Management Plan Boundary
- Park Parcel
- Contour 2'
- Woodlands
- Meadows
- Turf not irrigated
- Irrigated turf
- Arborist's Memorial
- Potential Soft Path
Aeration

NOTE: "No Aeration Areas" were identified in a sketch by Fran Bromberg 01/10/14 via email. No Aeration Areas at the battery would have to be surveyed for a more accurate location. Aeration is not allowed on the elevated areas of the fort, rifle trench, battery, nor the old grave yard, Adams burial area or Clark burial area.
Ground Disturbing Activities


General Note: Areas denoted as "Minimal Ground Disturbing Activities" may contain impervious surfaces such as concrete or asphalt.

---

Lardner/Klein Landscape Architects, PC

GIS Sources: City of Alexandria

October 2014
Plate 23. Leaf Litter Disposal Management Areas
This page intentionally left blank.