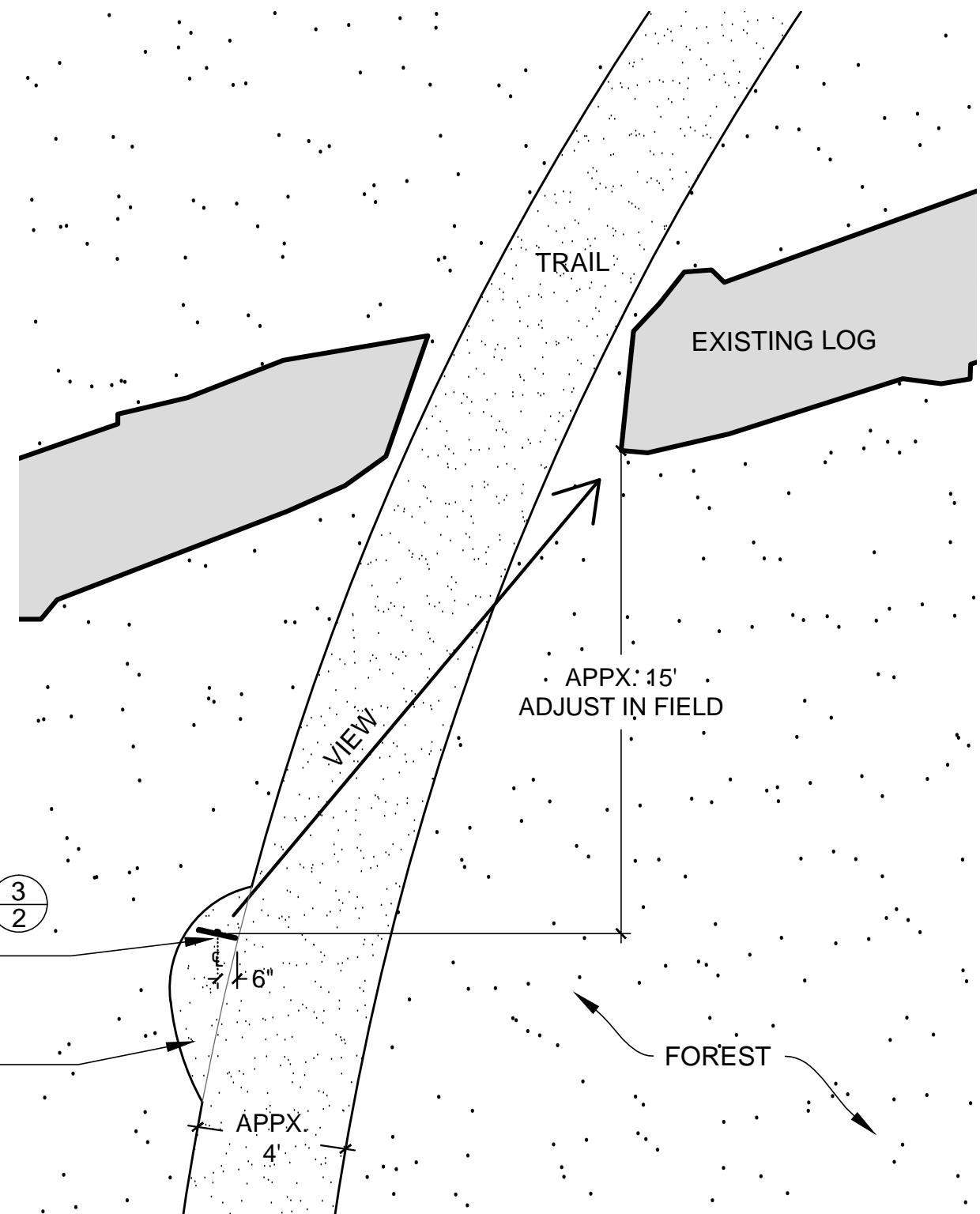


1 INTERPRETIVE SIGN LOCATION MAP

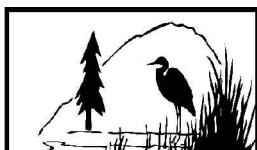
NOT TO SCALE



2 INTERPRETIVE SIGN LOCATION DETAIL

SCALE: 1/4" = 1'

SEWARD PARK INTERPRETIVE SIGN & POSTER



**THE FRIENDS OF
SEWARD PARK**

SIGN LAYOUT

SHEET 1 OF 3

DATE: 7/7/17

SEWARD PARK INTERPRETIVE SIGN & POSTER



1 INTERPRETIVE POSTER
 SCALE: 1" = 1/2'

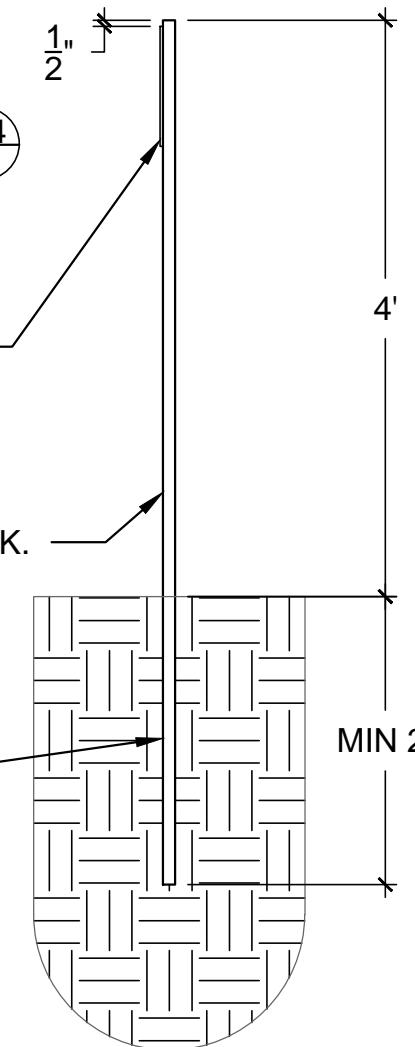
NOTES:

1. PRINT GRAPHICS FROM FULL SIZE PDF.
2. OBTAIN FULL SIZE PDF GRAPHICS FROM OWNER.

12" X 10" INTERPRETIVE SIGN. SEE **3-4**
 PRINTED VINYL APPLIED TO
 ALUMINUM COMPOSITE
 MATERIAL. GLUED TO POST
 WITH CONSTRUCTION GRADE
 SILICONE ADHESIVE.

1" x1" TUBE STEEL POST WITH CAP,
 PAINTED OR POWDER COATED BLACK.

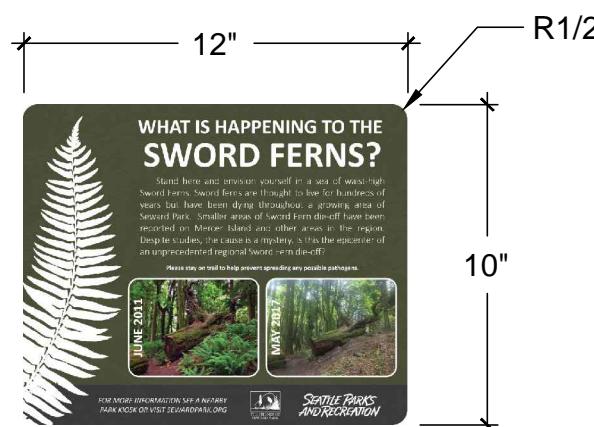
DRIVE POST INTO
 EXISTING SUBGRADE



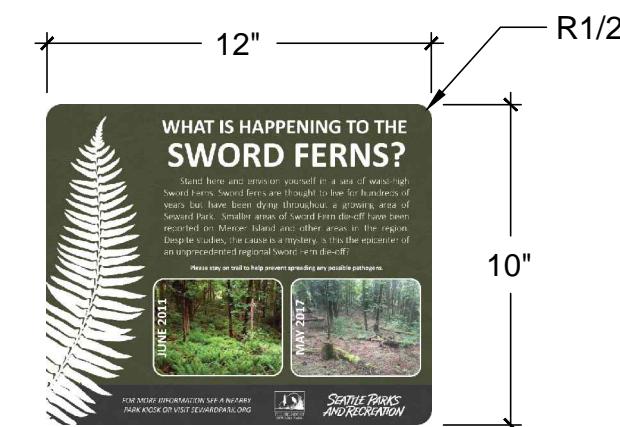
2 INTERPRETIVE SIGN & POST
 SCALE: 3/4" = 1"

NOTES:

1. SEE SHEET 3 FOR SIGN TEXT.
2. FOSP WILL PURCHASE DUPLICATE SIGNS FOR REPLACEMENT IN CASE OF THEFT OR VANDALISM.



3 INTERPRETIVE SIGN 1
 SCALE: 1" = 1/2'



4 INTERPRETIVE SIGN 2
 SCALE: 1" = 1/2'



SIGN & POSTER DETAILS

SHEET 2 OF 3

DATE: 7/7/17

SEWARD PARK INTERPRETIVE SIGN & POSTER

WHAT IS HAPPENING TO THE SWORD FERNS?

In 2013 a park user noticed something strange. A number of ferns along her daily walk were in poor health. By the following spring the ferns were dead and soon an entire hillside that was previously covered with waist-high Sword Ferns was entirely bare. All the ferns were dead. Since that time the die-off has spread rapidly, and now covers more than ten acres of Seward Park.

This 100 acre forest has never been logged. It is home to 500 year-old trees, nesting eagles, Douglas squirrels, Pileated woodpeckers, ravens, the occasional coyote, and a rich understory dominated, in some areas, by Sword Ferns.

Sword Ferns colonize bare ground left after fire, glaciation, or logging. Once established, and once the forest canopy forms above them, they are thought to live up to 500 years and they rarely reproduce. Typically, there are almost no new young ferns sprouting up in the midst of an old forest.

When you see Sword Ferns beneath big trees at Seward Park, the odds are good that each individual plant has been rooted at the spot for hundreds of years.

*A natural cycle of the forest?
Changes in rainfall patterns?
A disease or pest targeting the ferns?*

A team of volunteer scientists - ecologists and plant biologists as well as citizen scientists - have come up with many hypotheses, but none have been supported by initial lab and field testing. The die-off remains a mystery.

The new bare regions, emptied of ferns, are not regenerating. No new plants, weeds or native species, have sprouted in the bare ground left by the dying ferns. So as the ferns die, the understory structure of the forest disappears and the overall structure of the forest - its interwoven ecology- is compromised.



Fern specialists attest that this pattern of die-off is unique: they have never seen anything like it before. It is possible that sword fern die-off in Seward Park and additional fern die-offs in other locations may be early signs of a larger Pacific Northwest regional fern mortality trend.

To find out more about the Seward Park Fern Die-off and the efforts of the volunteer team to promote a research program for finding solutions and strategies for replanting and restoration, go to www.sewardpark.org.

SEWARD PARK
THE FRIENDS OF SEWARD PARK

1 INTERPRETIVE POSTER
NOT TO SCALE: FOR CONTENT REVIEW

WHAT IS HAPPENING TO THE SWORD FERNS?

Stand here and envision yourself in a sea of waist-high Sword Ferns. Sword ferns are thought to live for hundreds of years but have been dying throughout a growing area of Seward Park. Smaller areas of Sword Fern die-off have been reported on Mercer Island and other areas in the region. Despite studies, the cause is a mystery. Is this the epicenter of an unprecedented regional Sword Fern die-off?

Please stay on trail to help prevent spreading any possible pathogens.



JUNE 2011



MAY 2017

FOR MORE INFORMATION SEE A NEARBY PARK KIOSK OR VISIT SEWARDPARK.ORG

 THE FRIENDS OF SEWARD PARK

SEATTLE PARKS AND RECREATION

2 INTERPRETIVE SIGN 1
NOT TO SCALE: FOR CONTENT REVIEW

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 THE FRIENDS OF SEWARD PARK

SEATTLE PARKS AND RECREATION

3 INTERPRETIVE SIGN 2
NOT TO SCALE: FOR CONTENT REVIEW



THE FRIENDS OF
SEWARD PARK

SIGN & POSTER
TEXT
SHEET 3 OF 3
DATE: 7/7/17

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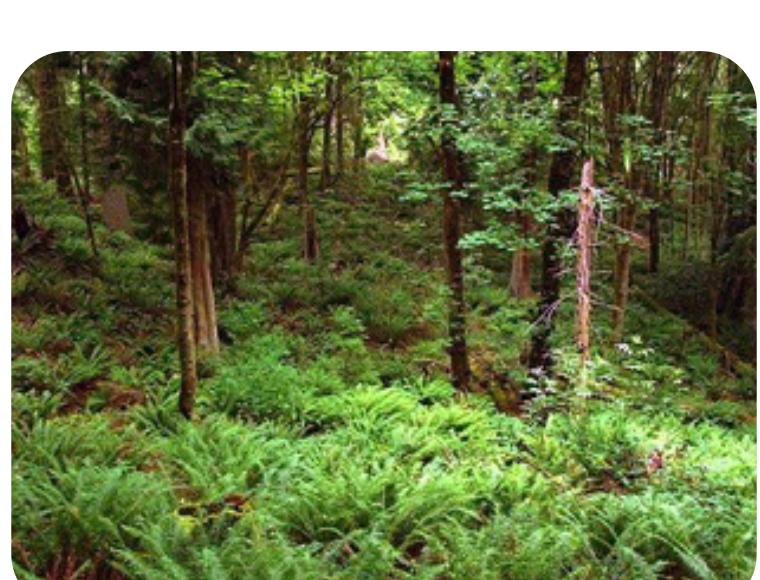
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SWORD FERN
Polystichum munitum



JUNE 2011



MAY 2017

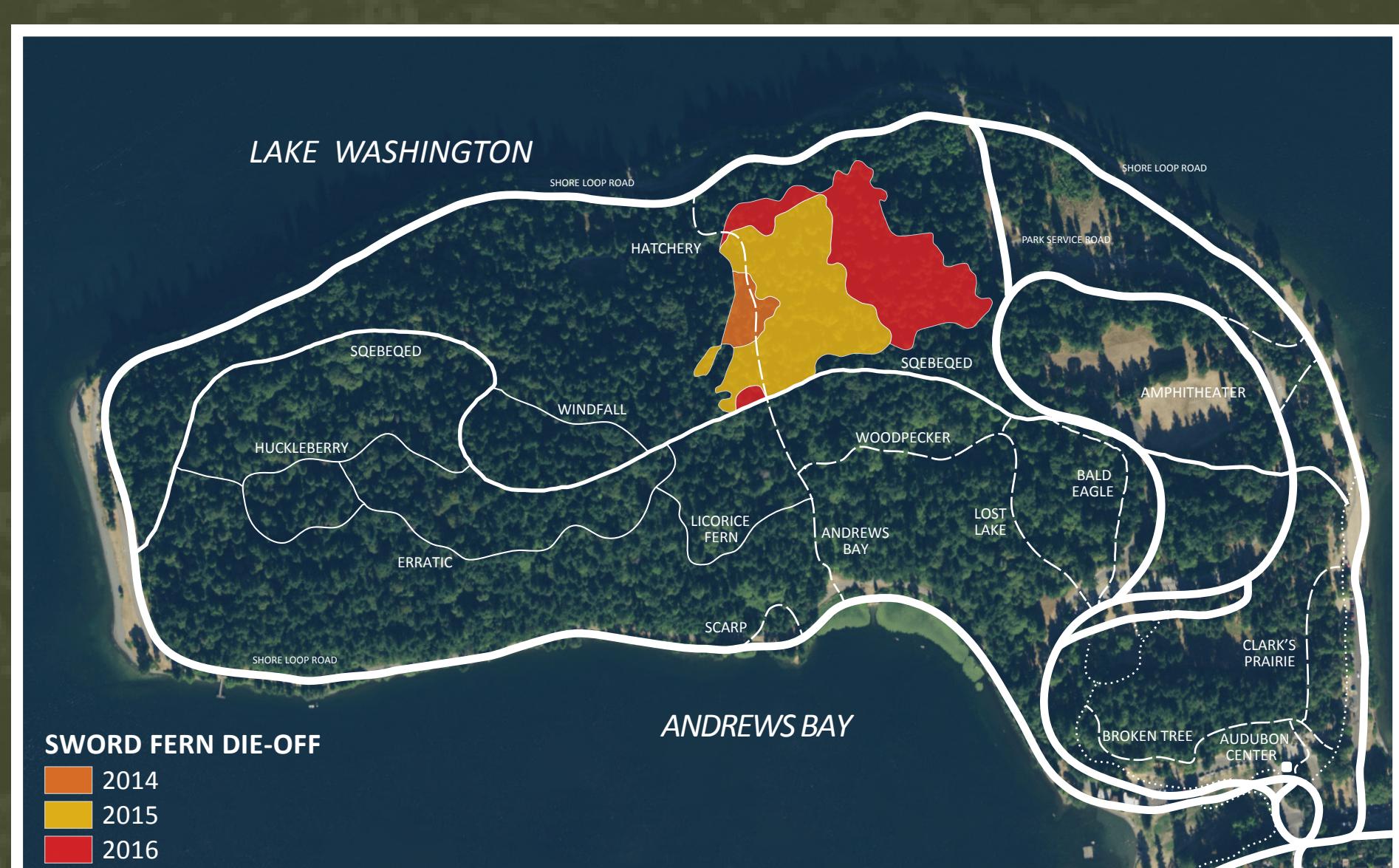
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SEWARD PARK
THE FRIENDS OF SEWARD PARK



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