

**NOTICE OF PUBLIC MEETING  
SUDBURY CONSERVATION COMMISSION  
Monday, March 13, 2023 at 6:45 PM  
Virtual Meeting**

The Sudbury Conservation Commission will hold a public meeting to review the Request for Determination of Applicability filing under the Wetlands Protection Act and the Sudbury Wetlands Administration Bylaw to replace two boardwalks within the 200-Riverfront Area and Bordering Vegetated Wetlands at Landham Road & Raymond Road (Parcels L08-0013 and L09-0002), in Sudbury, MA. Sudbury Valley Trustees, Applicant. The meeting will be held on Monday, March 13, 2023 at 6:45 pm, via Zoom.

Copies of the application may be reviewed on the Conservation Department web page at:

<https://sudbury.ma.us/conservationcommission/meeting/conservation-commission-meeting-monday-march-13-2023/>

Please contact the Conservation Office with any questions at 978-440-5470.

SUDBURY CONSERVATION COMMISSION  
2/23/2023



**WPA Form 1- Request for Determination of Applicability**  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

**A. General Information**

**Important:**  
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

Sudbury Valley Trustees  
Name dstimson@svtweb.org  
E-Mail Address

18 Wolbach Rd  
Mailing Address

Sudbury MA 01776  
City/Town State Zip Code

978-443-5588 ext. 136  
Phone Number

Fax Number (if applicable)

2. Representative (if any):

Firm \_\_\_\_\_

Contact Name \_\_\_\_\_ E-Mail Address \_\_\_\_\_

Mailing Address \_\_\_\_\_

City/Town \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone Number \_\_\_\_\_ Fax Number (if applicable) \_\_\_\_\_

**B. Determinations**

1. I request the Sudbury \_\_\_\_\_ make the following determination(s). Check any that apply:  
Conservation Commission

a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.

b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.

c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.

d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance** or **bylaw** of:

Sudbury  
Name of Municipality

e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).



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**C. Project Description**

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

Landham Rd and Raymond Rd	Sudbury
Street Address	City/Town
L08 and L09	0013 and 0002
Assessors Map/Plat Number	Parcel/Lot Number

- b. Area Description (use additional paper, if necessary):

The two parcels (L08-0013 and L09-0002), are owned by Sudbury Water District (SWD) and Sudbury Valley Trustees (SVT), respectively, as part of the Lyons-Cutler and Landham Brook Marsh Conservation Area. A public trail leads through SWD land from Raymond Road to the main trail network on SVT's parcel and beyond. SVT has permission to maintain the trail on SWD land, and this application covers two stream crossings along that trail, at sites of two former bogwalks that are in disrepair and/or have been removed due to disrepair. Location 1, on SWD land, is a seasonally wet crossing with relatively firm soils. The current condition includes old rotting pieces of the former bogwalk, as well as an array of limbs that visitors have piled to allow crossing in wet periods. Location 2, on SVT land, includes a more significant stream in conjunction with a lengthy section of deeper wet soil. Photos are attached.

- c. Plan and/or Map Reference(s):

Annotated Lyons-Cutler Reservation Trail Map	2/14/23
Title	Date
Lyons-Cutler Boardwalk Diagram, Location 2	6/21/22
Title	Date
Sudbury Water District Crossing Diagram, Location 1	2/14/23
Title	Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

At Location 1, we propose a 32" wide x approximately 52' boardwalk supported by double-wall plastic corrugated pipes that rest on the ground surface. This design allows flow through the site with a minimum amount of ground contact and disturbance. At location 2, we propose a 48" wide x approximately 110' long boardwalk supported by helical piers. Helical piers allow increased support of structures in areas of muckier, deeper soils, and also minimize disturbance to the ground and have a minimum amount of permanent soil contact. The piers will be driven by hand, we have engaged a consultant contractor who has experience in their installation as part of the design and installation process. Previous boardwalks he has coordinated are at Great Meadows' Weir Hill headquarters and at Marlborough Conservation's Cider Knoll Conservation Land. No wheeled machinery is necessary at either site, all lumber will be cut to size away from the site to keep sawdust out of the wetlands, and volunteers will be instructed in how to minimize their impact on site and will be organized to minimize the amount of traffic in the wet areas during installation. The length at each site will allow firm dry land at all approaches. Diagrams of the structures are attached.



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**C. Project Description (cont.)**

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

10.53 (3) (j): The construction and maintenance of catwalks, footbridges... provided that such structures are constructed on pilings or posts so as to permit reasonably unobstructed flowage of water and adequate light to maintain vegetation.

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3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single-family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)

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## D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

Sudbury Water District  
Name

199 Raymond Rd PO Box 111  
Mailing Address

Sudbury  
City/Town

MA  
State

01776  
Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

*Daniel N. Stinson*  
Signature of Applicant

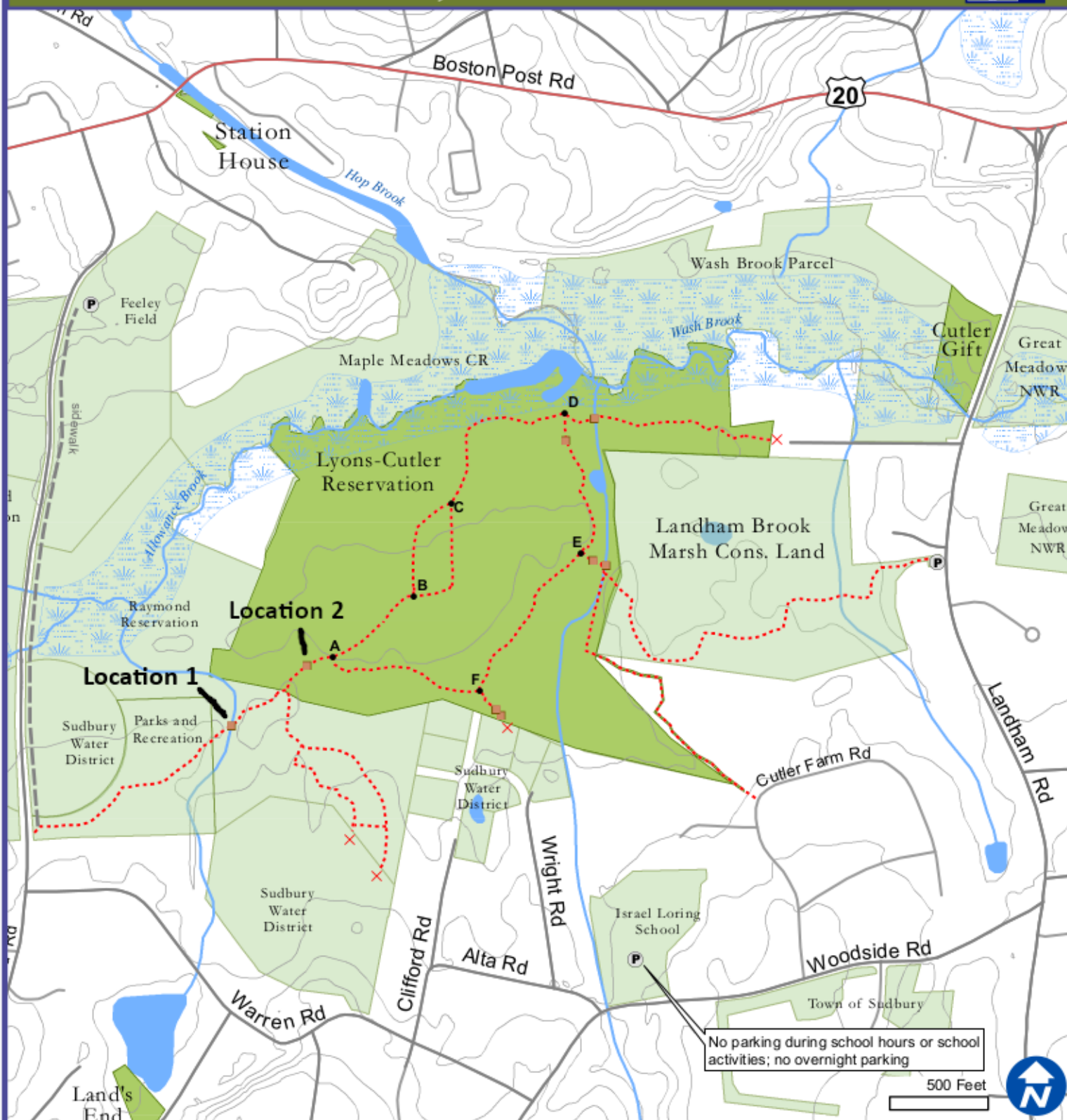
2/21/23  
Date

Signature of Representative (if any) \_\_\_\_\_ Date \_\_\_\_\_

*Vincent J. Ray, Executive Director*  
Signature of Sudbury Water District Representative

2-17-2023  
Date

# LYONS-CUTLER, SUDBURY



No parking during school hours or school activities; no overnight parking

- Parking
  Trail
  Water Body
  Road
  SVT CR
- Bridge
  Private
  Wetland
  SVT
  Other Owner

## Love open spaces? Support SVT!

Sudbury Valley Trustees is a nonprofit conservation organization that protects land for the benefit of people and wildlife. Help us keep these trails open for all to enjoy. **Join or Donate today! [www.svtweb.org](http://www.svtweb.org)**



How to Get Here



Site Conditions Photos:

Location 1:



*Figure 1 - Location 1, looking northeast*



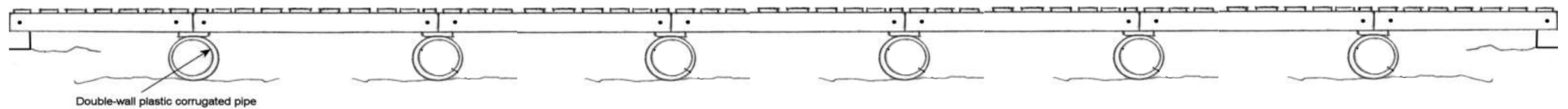
*Figure 2 - Location 1, looking southwest*

Location 2:



*Figure 3 - Location 2, looking southwest towards stream and dry ground (at person in background)*

# Sudbury Water District Crossing Diagram, Location 1



- Overall length is 52'. Width is 32".
- End sections are 8' long and dry ends will be mounted on 6x6 pressure treated sills.
- Middle sections are 7'2" long and will be mounted on double-wall plastic corrugated pipe.
- Joists: (3) 2" x 6" pressure treated per section.
- Decking: 2" x 6" pressure treated
- Structure will be anchored to the ground at both ends and at two additional points along the length.



# Lyons-Cutler

Trail Connection

Finished width 4-feet

Dry Land Line

## Frame Materials

Total Helical Piers and Assemblies	22
(8 ten-foot piers, 14 six-foot piers)	
Total 10ft boards	44
Stringers	36
Sills (cut in half)	6
Ending Rot-boards	2

22'

27' Length

Tree with Trail Blaze

10'

Area of Notable Soil Depth  
Piers within this area are all 10ft Length (x8)

10'

10'

Above-Ground Water

Visible Water Floodplain

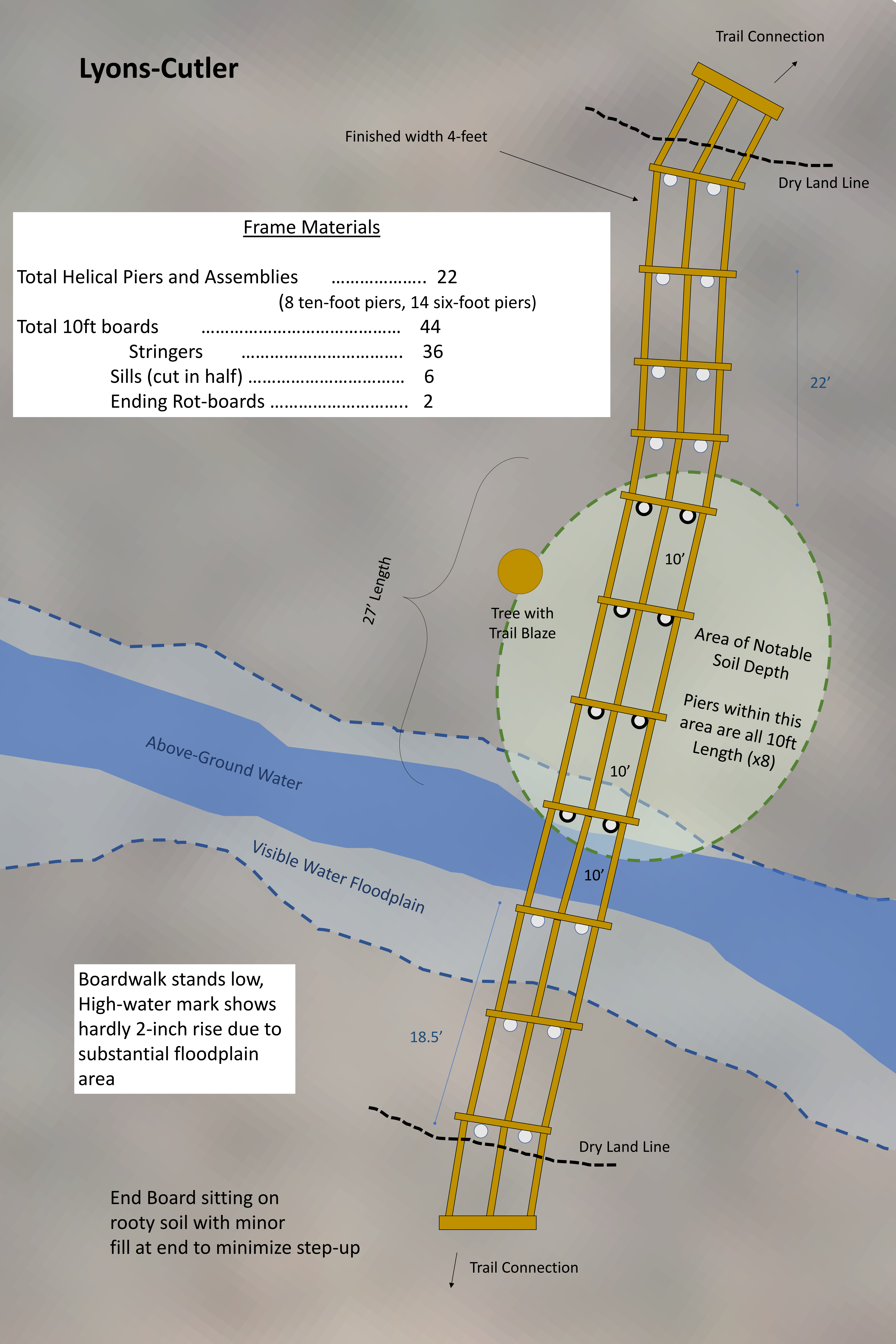
Boardwalk stands low,  
High-water mark shows  
hardly 2-inch rise due to  
substantial floodplain  
area

18.5'

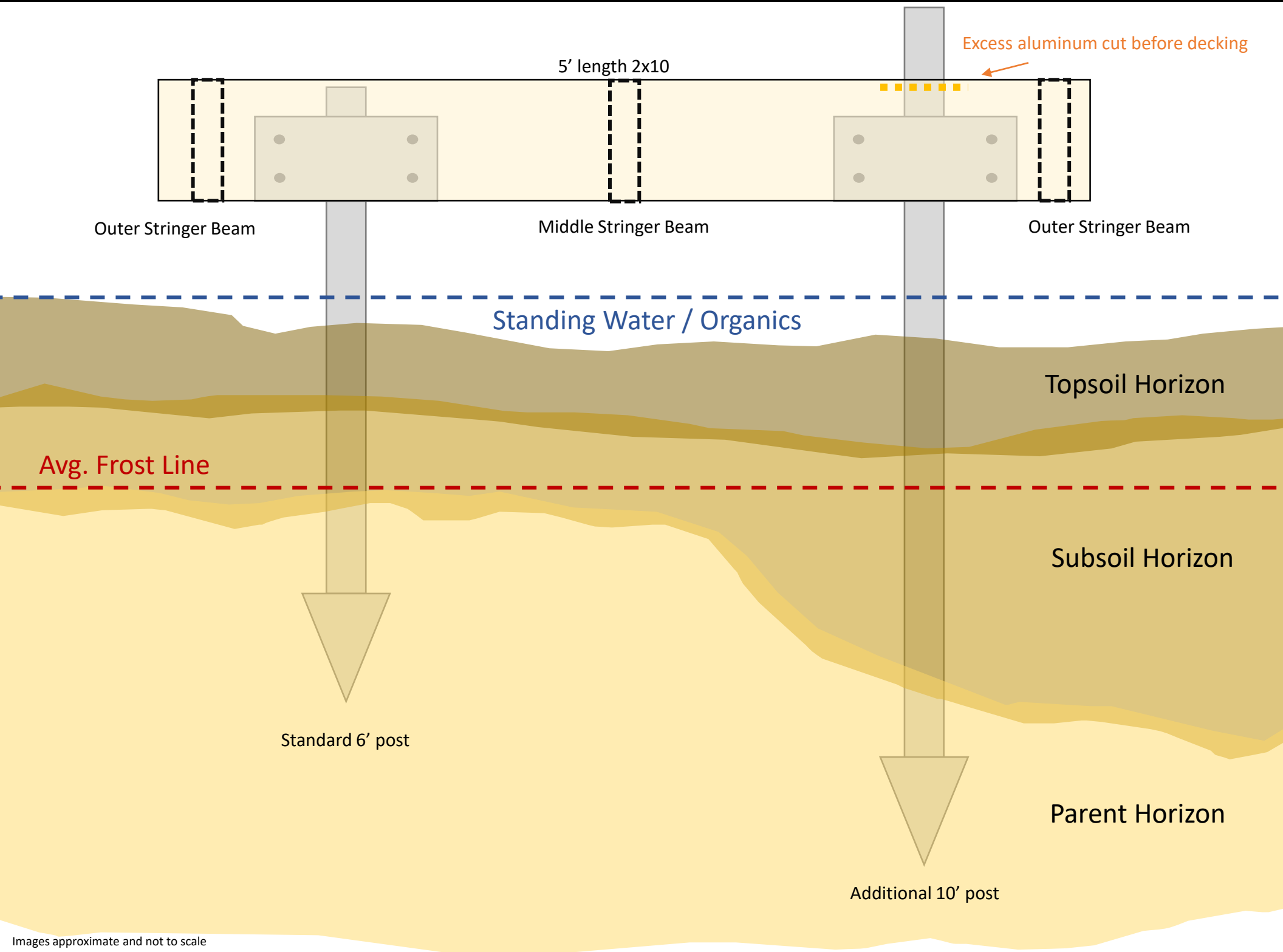
Dry Land Line

End Board sitting on  
rooty soil with minor  
fill at end to minimize step-up

Trail Connection



Cross-section of one installed "sill"



Images approximate and not to scale