

Date of Submission 11/23/2020
Fee \$ 144-

Date of Receipt 12/9/2020
Date Paid 11/23/2020

GUILFORD INLAND WETLANDS COMMISSION
APPLICATION FOR

INLAND WETLANDS AND WATER COURSES ACT – PUBLIC ACT 155

18182

Submit FOUR copies of application and accompanying documents

1. Location of property: 120 N Madison Rd., Guilford, CT 06437

Assessor's Map # 092037 Lot # 3 Zone: Census tract 1903

P. Gregory Mickelson
Print Applicant's Name
120 N Madison Rd., Guilford
Applicant's Address
(203) 812-0101
Applicant's Phone Number
pgmickelson@hotmail.com
Applicant's Fax Number
Applicant's E-mail

P. Gregory Mickelson
Print Owner's Name
120 N Madison Rd., Guilford
Owner's Address
(203) 812-0101
Owner's Phone Number
pgmickelson@hotmail.com
Owner's Fax Number
Owner's E-mail

2. THIS APPLICATION IS FOR:

- Permit to conduct regulated activity
- After the Fact regulated activity
- Site Plan Referral
- Special Permits/Exceptions/Exemptions
- Subdivision Referral
- Amend regulations
- Boundary clarification
- Renewal/Modification/Extension of Permit/Transfers
- Permitted Use As Of Right
- Non Regulated Use
- Significant Activity
- No Regulated Activity
- No Regulated Activity
Section to be amended

RECEIVED
NOV 23 2020
GUILFORD INLAND
WETLANDS COMMISSION

3. Description of Project:

Level a semicircular section of sloped back yard approximately 25 feet in diameter just inside existing fence and install stone patio.

4. Description of Regulated Activity:

Exavation area is within 100 feet (upland review area) of existing pond.

5. General Information:

Total area of site: ~500 sq ft Upland review area to be altered: ~500 sq ft
Wetland area to be altered: None Watercourse area to be altered: None
Vernal Pool Review Area to be altered: None

6. Applicant's interest in the land: Owner

7. Additional Information: All of the following may require notification or application for permit to other municipal, state, and/or federal agencies. This is the sole responsibility of the applicant or agent.

Check those that apply:

- Any portion of the property on which the regulated activity is proposed is located within five hundred (500) feet of an adjoining municipality; or traffic, sewer, water runoff and/or water drainage will impact an adjoining municipality. (See Section 7.6 of the regulations)
- The property is within a water company watershed or aquifer protection zone and a copy of the letter notifying the proper water company of the application is enclosed.
- The property is within a floodplain or floodway
- The property contains tidal wetlands regulated by the CT DEP (See Section 5 of the regulations)
- The property contains rivers or watercourses regulated by the Army Corps of Engineers
- The property contains conservation restriction and/or preservation restriction

8. This application shall also include:

- A map showing: geographical location of the property; inland wetlands and watercourses boundaries marked with flag numbers; areas of wetlands and watercourses and upland review area disturbances; soil types; and vegetation. (see attached checklist)
- A site plan showing existing and proposed conditions in relation to wetlands and watercourses. (see attached checklist)
- Alternatives considered and reasons why the proposed activity was chosen.
- Names and addresses of adjacent property owners
- Any other information the Commission deems necessary to the understanding of the proposed activity.

If the proposed activity involves a significant activity, additional information may be required. (See Section 7.5 of the regulations)

This application gives the Commission and its agents authority to inspect the property at reasonable times, both before and after a final decision has been issued.

The applicant warrants the truth of all statements contained herein and in all supporting documents according to the best of his/her knowledge and belief.

The applicant understands that this application is to be considered complete only when all information and documents required by the Guilford Inland Wetlands Commission have been submitted.

 11/23/20
Applicant's Signature & Date

 11/23/20
Owner's Signature & Date

Please attach a sheet listing any and all additional property owners and letters of authorization from each.

Sheet attached with additional property owners

Letter(s) of authorization from additional property owners attached

Contact person/agent other than applicant: Applicant
120 N Madison Rd., Guilford, CT 06437

Contact Person's Address

Phone Number: 203.812.0101 Fax Number: _____

E-mail: pgmickelson@hotmail.com

Site Plan and Environmental Information

The applicant shall submit a map or maps and such information concerning the proposed regulated activity(ies) as the Guilford Inland Wetlands Commission indicates below:

1. Sheet Sizes

- A. 8.5" x 11" or multiples thereof
- B. 24" x 36" or multiples thereof

2. Graphic scale for site plan information

As noted on drawings

- | | Scale | Information required |
|--|------------------|--------------------------------------|
| | <u>Suggested</u> | <u>Outside regulated area (List)</u> |
| A. <input type="checkbox"/> Regulated area | 1" = 40' | |
| B. <input type="checkbox"/> Area directly involved in regulated activity | 1" = 40' | |
| C. <input type="checkbox"/> Property boundaries | 1" = 200' min | |
| D. <input type="checkbox"/> Additional Area _____' in diameter | 1" = 200' min | |

3. North Arrow

4. Title block in lower right corner of sheet showing:

- A. Name of Project
- B. Name of owner / applicant and / or developer
- C. Date and subsequent date of revisions
- D. Legible signature of person responsible for drawing plan. Professional's certification of the plan shall be appropriate to nature of activities proposed. Such site information about the proposed uses or effect of the regulated area must be certified by a licensed land surveyor, professional engineer, professional architect, or professional landscape architect; any of which must be registered in the State of Connecticut.
- E. Any proposed on-site sewage disposal system shall be certified by a registered sanitary engineer.

5. Inland wetland and watercourse boundaries marked with flag numbers, as defined in Section 2 of these regulations, and in Section 4 of Public Act 155.

6. Boundaries and symbol of soil mapping unit (s). *As shown on plot plan*

7. Site areas of permit and designation of each activity. *As shown*

8. Existing and proposed buildings or other structures.

- A. Location *See plot plan*
- B. Floor elevation

9. Location, size and composition of sidewalks, off-street parking and loading areas, including driveway entrances and exits, traffic islands and barriers.
- A. Percent of regulated area to be covered with impermeable surface.
10. Location of tree islands, shrubs and other significant vegetation, both existing and proposed.
11. Source of water supply.
12. Proposed method of sewage disposal. Proposed design and specifications of on-site sewage disposal system certified by a sanitary engineer.
13. Design of existing and proposed storm drainage system including elevations by contour at not less than five foot intervals. Additional details may be required.
14. Proposed grading by not less than five foot contours of any material to be moved. Additional details may be required. *See drawings page 3 of 3*
15. Location of all percolation pits, test pits and observation holes and wells.
16. Physical Data *(see attached)*
- A. Material to be deposited and / or excavated
1. Area
 2. Volume
 3. Physical composition (texture, components) of material to be deposited
 4. Chemical composition of all toxic materials
 5. Potential chemical reactions of deposited materials yielding toxic products or concentrations of products
 6. Final height of filled area above seasonal high water table
 7. Texture and composition of soil left after excavation
 8. Slope of excavation
 9. Depth to water table or water level if inundated after excavation
17. Watercourse Data
- A. Open water characteristics
- I. Size of ponds or lakes
 - II. Depth and, if possible, volume of water
- B. Stream characteristics
- I. intermittent or continual flow
- C. Vernal Pools
- D. Known flood levels to be indicated on map

- E. Discharges, if any.
 - I. Type
 - II. Frequency and volume
 - III. Chemical composition

F. Creation of new water bodies

18. Biological Data

	% of <u>Regulated Area</u>	<u>Dominant Species</u>
A. <input type="checkbox"/> Trees		
B. <input type="checkbox"/> Shrubs		
C. <input checked="" type="checkbox"/> Grasses, weeds, etc.	100	grass
D. <input type="checkbox"/> Aquatic		
E. <input type="checkbox"/> Pasture		
F. <input type="checkbox"/> Cultivated Area		

19. Probable effects of changes on:

- A. Vegetation
- B. Wildlife

20. Measures to protect regulated area from:

- A. Erosion and sedimentation *Silt fence as shown on plot plan*
- B. Leaching and pollutants
- C. Direct discharge of pollutants
- D. Increased flooding and surface runoff hazards

21. Other site information as the Guilford Inland Wetlands Commission determines necessary to meet the objectives of the Regulations and Public Act 155. (List)

22. Proposed Planting Plan

- A. Disturbed Wetlands / Buffer Area
- B. Grading Plan / Erosion Control Planting
- C. Type and number of plants proposed
 - 1. Time proposed to ensure survival of plantings

23. Location of erosion control measures / silt fencing / hay bales. *as shown on drawing*

24. Proposed wetland(s) mitigation plan(s).

Mickelson Flag Stone Patio - Inland Wetlands Commission Permit Application Additional Information

Owner: P. Gregory Mickelson, 120 N Madison Rd., Guilford, (203) 812-0101

Owner's comments: I submitted a building permit for this project and it was determined during the review that an Inland Wetlands permit is needed instead. I did the best I could with my limited familiarity with the IWC application process. I am happy to answer any questions or correct/modify the application as needed.

Project description: Owner's back yard is sloped. This project proposes to level an approximately circular area of approximately 500 square feet by removing the soil in this area. The excavation depth is estimated to range from 0 feet on the downhill side adjacent to the existing fence to < 4 feet on the uphill side. Rocks will be laid into the uphill boundary of the excavated area and the leveled patio area will receive a base of approximately 6" of pea gravel as the base for a loose flag stone patio surface. 2 stone steps will provide access to the patio from the uphill side. The existing gate provides access from the downhill side. No mortar will be used for this project.

A temporary silt fence will be erected between the work area and the pond to prevent loose soil from washing into the pond. New materials (stone and pea gravel) will be staged at the end of the existing driveway and both new materials and excavated soil will be moved on a direct path between the driveway and the work site.


Information requested to be submitted with this application:

- Map showing property lines, etc. – Attached
- Site plan – 3 plot plan drawings on 8.5 by 11 grid paper are attached as follows:
 - Overall plot plan showing the location of existing lot lines, structures, gardens, etc. in relation to the pond as well the proposed location of the new patio (1), the silt fence, the material staging area (2) and the material movement pathway (3).
 - An enlarged plot plan showing more detail in the proposed work area.
 - A cross section of the proposed work area at the deepest point of excavation.
- Alternatives considered – this is the only suitable site on the property.
- Names and addresses of adjacent property owners:
 - Robert and Melissa Fogerty – 130 N Madison Rd., Guilford
 - Paul Aronson and Jenny Shieh – 110 N Madison Rd., Guilford

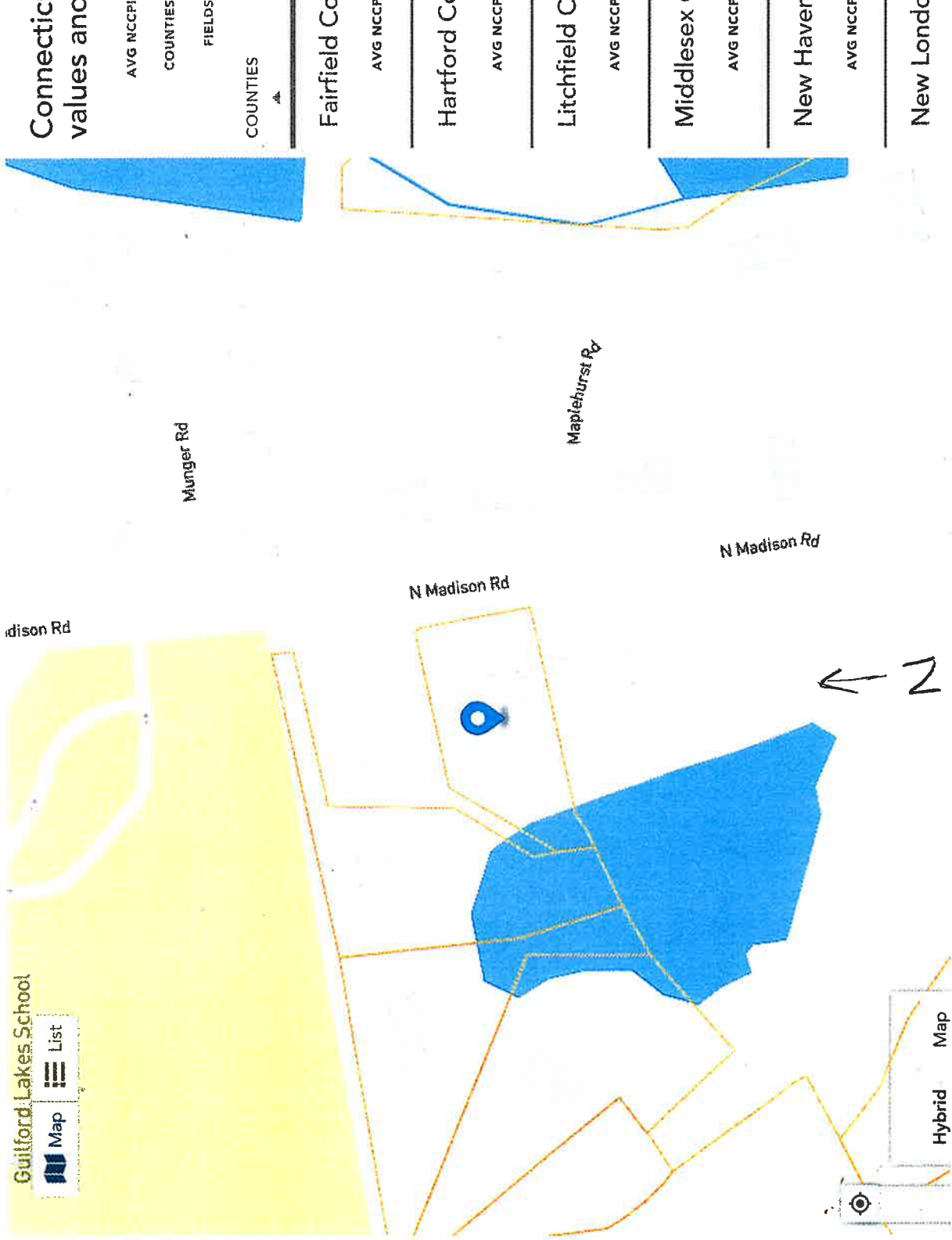
Additional information requested in the "Site Plan and Environmental Information" sheets:

16. Physical Data – The estimated dirt to be removed is ~500 square feet to an average depth of 2.5 feet for a total estimated volume of 1250 cubic feet or 46 cubic yards. The estimated deposited materials are:

- Pea gravel, ~250 cubic feet or 9.25 cubic yards
- Flag stone, < 500 square feet at an avg thickness of 2 inches ~ 83 cubic feet or 3 cubic yards
- Field stones for uphill slope, estimated at 5 cubic yards


11/23/20

Showing all Parcels.



Connecticut farmland values and GIS map

AVG NCCPI 25
COUNTIES 8
FIELDS 290,175

COUNTIES

Fairfield County

AVG NCCPI 22

Hartford County

AVG NCCPI 29

Litchfield County

AVG NCCPI 24

Middlesex County

AVG NCCPI 24

New Haven County

AVG NCCPI 24

New London County

2

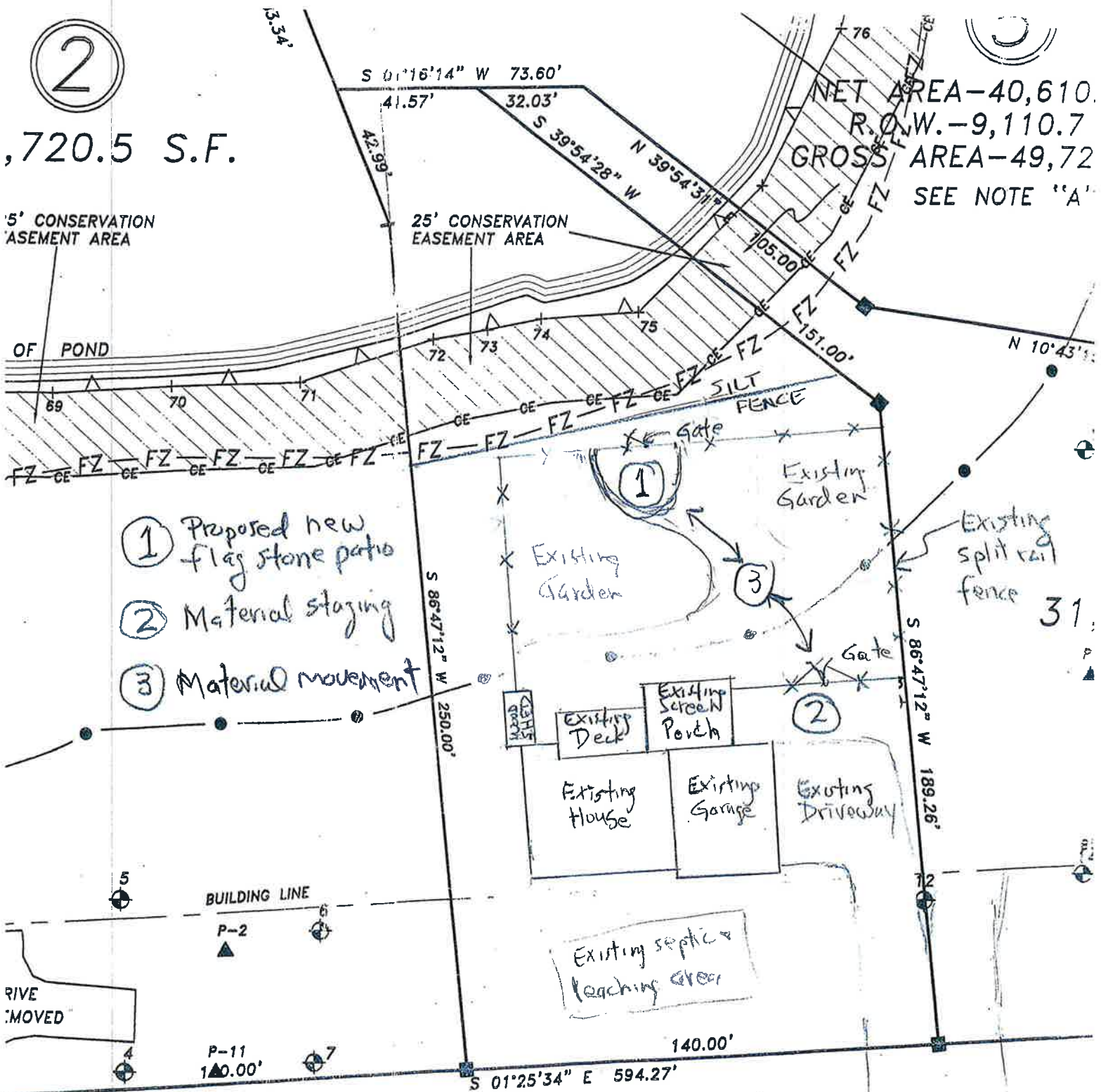
,720.5 S.F.

NET AREA-40,610.
R.O.W.-9,110.7
GROSS AREA-49,720
SEE NOTE "A"

5' CONSERVATION EASEMENT AREA

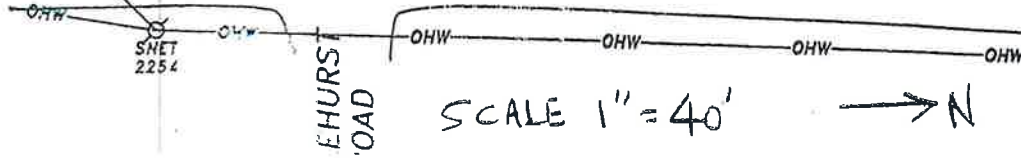
25' CONSERVATION EASEMENT AREA

OF POND



- ① Proposed new flag stone patio
- ② Material staging
- ③ Material movement

NORTH MADISON ROAD



SCALE 1" = 40'



SNET 22555

GUY WIRE

Project Name: Mickelson Flag Stone Patio
 Name of Owner: P. Gregory Mickelson
 Date: November 19, 2020
 Page 1 of 3

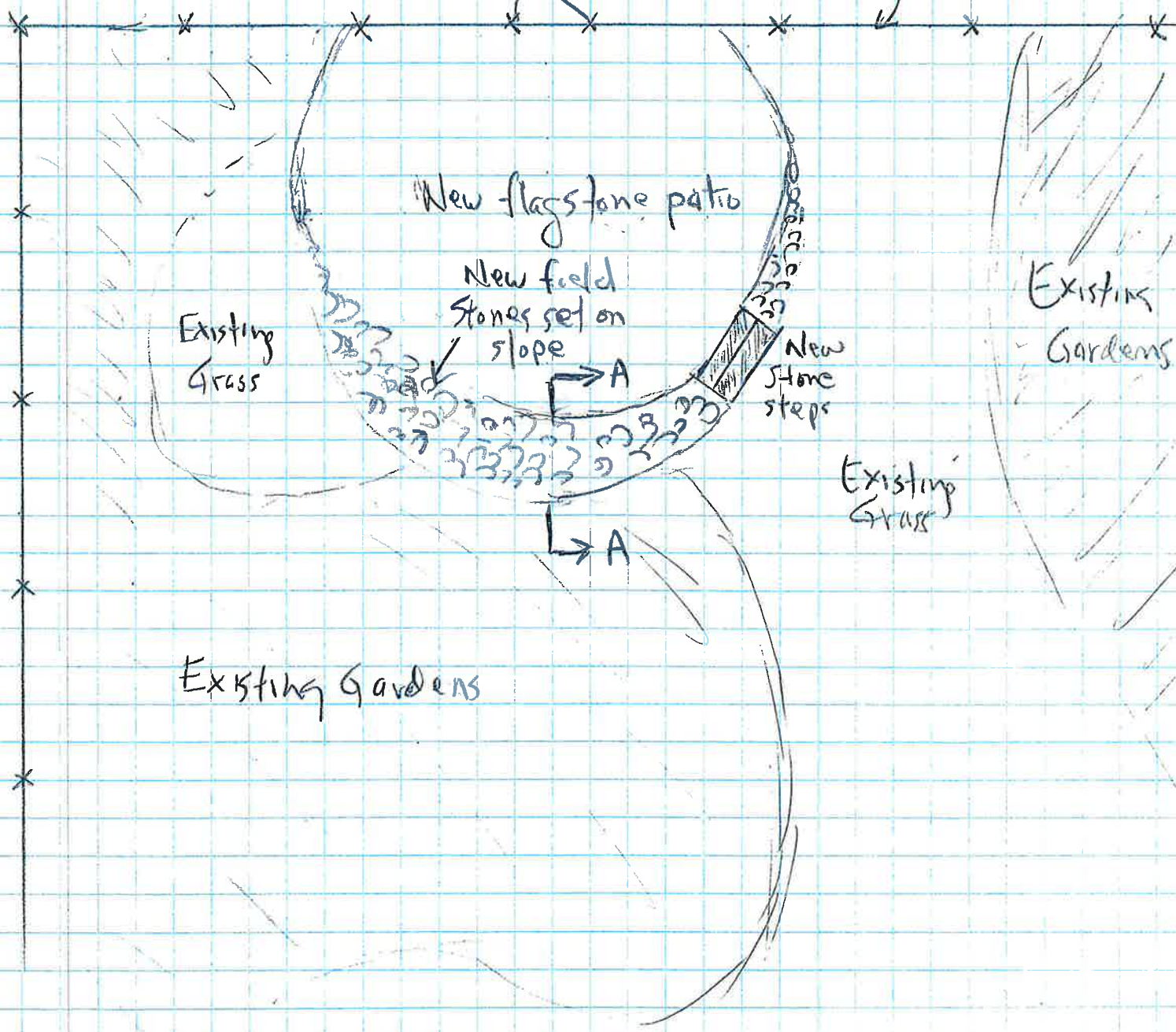
Signature: *P. Gregory Mickelson*

2' 2' scale

Pond

Temporary silt fence

Existing fence



Existing Gardens

Existing Gardens

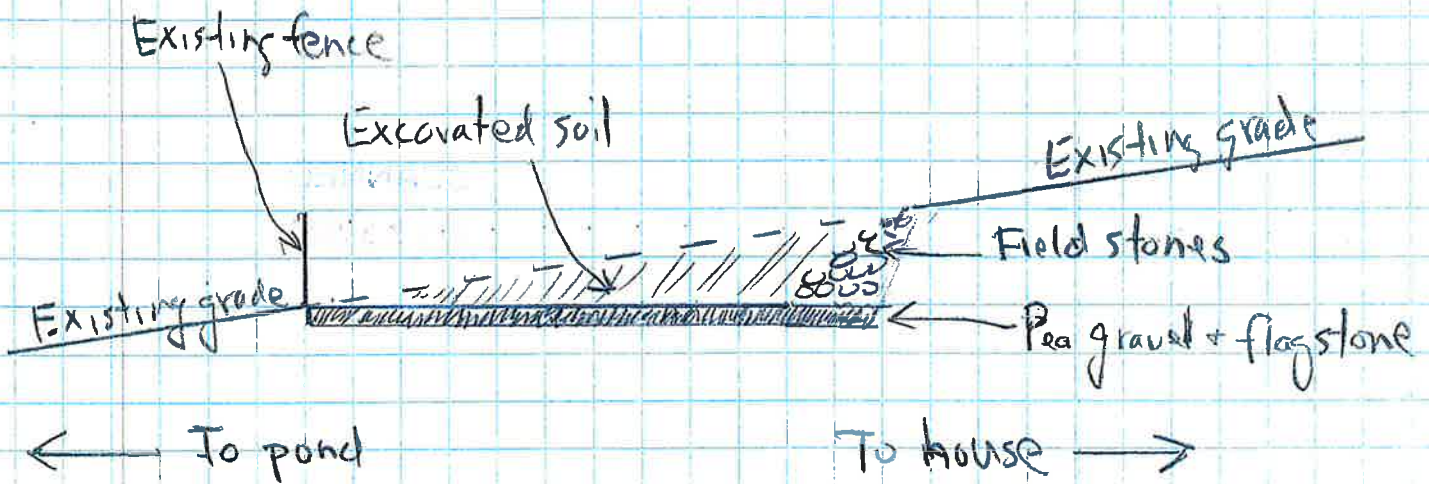
Existing Grass

House

Project Name: Mickelson Flag Stone Patio
 Name of Owner: P. Gregory Mickelson
 Date: November 19, 2020
 Page 2 of 3
 Signature: P. Mickelson

Facing North
2' | 2'
Scale

View A-A



Project Name: Mickelson Flag Stone Patio

Name of Owner: P. Gregory Mickelson

Date: November 19, 2020

Page 3 of 3

Signature: