



January 8, 2024

Conservation Commission Notes

Prepared for Client:

Kwoka Residence

224 Broad Street

Portsmouth, NH 03801

Notes on items per email 12/8/23:

#1 – Wetland boundary markers will be purchased and installed for the 25-foot buffer. Exact locations of boundary markers TBD.

#2 – Perforated 4-inch diameter drainage pipe will be installed behind the base of proposed retaining wall. Pipe shall be pitched at 2%, in order to slowly move water downslope. Daylighting of pipe will occur before the terminus of retaining wall closest to resource area. From end of pipe @ daylight, water will have approximately 20 feet to flow on-grade, at a very shallow slope. This should allow water to infiltrate soil before arriving at resource area.

#3 – Planting Palette and General Locations:

All new plantings will occur within the area of Dark Green – as shown on plan dated 10/13/23. Generally, the plantings will layer up from groundcovers, perennials, woody shrubs, to a selection of ornamental and fruiting trees. Plant palette shall be further developed by determination of soil type, sun exposure, and feedback from the Conservation Commission. Exact plant locations will be determined by working around existing roots, stumps, and large rocks, while considering slope, erosion control, and spacing for a healthy plant community.

Working Plant Palette – Woody Native:

Amelanchier canadensis	Aronia melanocarpa	Ilex verticillata
Amelanchier x grandiflora	Clethra alnifolia	Myrica pensylvanica
Apple – Fruit	Comptonia peregrina	Rhus aromatica
Cherry – Fruit	Cornus sericea	Sambucus canadensis
Pear - Fruit	Hamamelis virginiana	Viburnum dentatum

Working Plant Palette – Perennial Native:

Achillea	Cimicifuga racemose	Monarda fistulosa	Strawberry
Arctostaphylos uva-ursi	Fern 'Hayscented'	Sporobolus heterolepis	Blueberry
Aster symphyotrichum	Iris versicolor	Thyme	Raspberry



#4 – Paver Stones to Replace Asphalt Area:

Process of paver stone installation shall include the removal of approximately 375 SF of existing concrete pavers and asphalt.

Base materials for new paver stone installation shall include permeable aggregate (4-6 inches) of ¾" crushed stone mixed with stone dust.

Setting bed (on top of base materials) shall be 1-inch of stone dust OR angular sand.

Paver stones shall be Granite Cobblestones OR Reclaimed Granite 'Bars', set dry into permeable setting bed. Joints shall be filled with permeable stone dust OR angular sand.

During the meeting scheduled for 1/10/24 @ 3:30 pm, I will be available to answer any questions about the design and overall construction process.

Regards,

A handwritten signature in black ink, appearing to read 'Shane Mahoney', with a long horizontal stroke extending to the right.

Shane Mahoney, ASLA
Owner | Manager
Groundswell Landscape, LLC
4 4th Street
Amesbury, MA 01913

p. 978-273-0870

e. shane@thegroundswelldesign.com