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Showy Northeast Native Wildflower Mix

Mix Composition

- 25.7% *Echinacea purpurea* (Purple Coneflower)
- 12.0% *Rudbeckia hirta* (Blackeyed Susan)
- 10.6% *Coreopsis lanceolata* (Lanceleaf Coreopsis)
- 8.0% *Chamaecrista fasciculata*, PA Ecotype (Partridge Pea, PA Ecotype)
- 6.4% *Tradescantia ohiensis*, PA Ecotype (Ohio Spiderwort, PA Ecotype)
- 6.0% *Heliopsis helianthoides*, PA Ecotype (Oxeye Sunflower, PA Ecotype)
- 5.0% *Liatris spicata*, PA Ecotype (Marsh Blazing Star, PA Ecotype)
- 3.5% *Aster oblongifolius*, PA Ecotype (Aromatic Aster, PA Ecotype)
- 3.5% *Aster prenanthoides*, PA Ecotype (Zigzag Aster, PA Ecotype)
- 3.0% *Zizia aurea*, PA Ecotype (Golden Alexanders, PA Ecotype)
- 2.4% *Pycnanthemum tenuifolium* (Narrowleaf Mountainmint)
- 2.0% *Aster laevis*, NY Ecotype (Smooth Blue Aster, NY Ecotype)
- 2.0% *Aster novae-angliae*, PA Ecotype (New England Aster, PA Ecotype)
- 2.0% *Baptisia australis*, Southern WV Ecotype (Blue False Indigo, Southern WV Ecotype)
- 1.6% *Monarda fistulosa*, Fort Indiantown Gap-PA Ecotype (Wild Bergamot, Fort Indiantown Gap-PA Ecotype)
- 1.5% *Asclepias tuberosa* (Butterfly Milkweed)
- 1.5% *Senna hebecarpa*, VA & WV Ecotype (Wild Senna, VA & WV Ecotype)
- 1.1% *Penstemon digitalis* (Tall White Beardtongue)
- 1.0% *Solidago nemoralis*, PA Ecotype (Gray Goldenrod, PA Ecotype)
- 0.5% *Senna marilandica* (Maryland Senna)
- 0.4% *Oenothera fruticosa* var. *fruticosa* (Sundrops)
- 0.2% *Solidago odora*, PA Ecotype (Licorice Scented Goldenrod, PA Ecotype)
- 0.1% *Solidago juncea*, PA Ecotype (Early Goldenrod, PA Ecotype)

PROPOSED MITIGATION PLAN

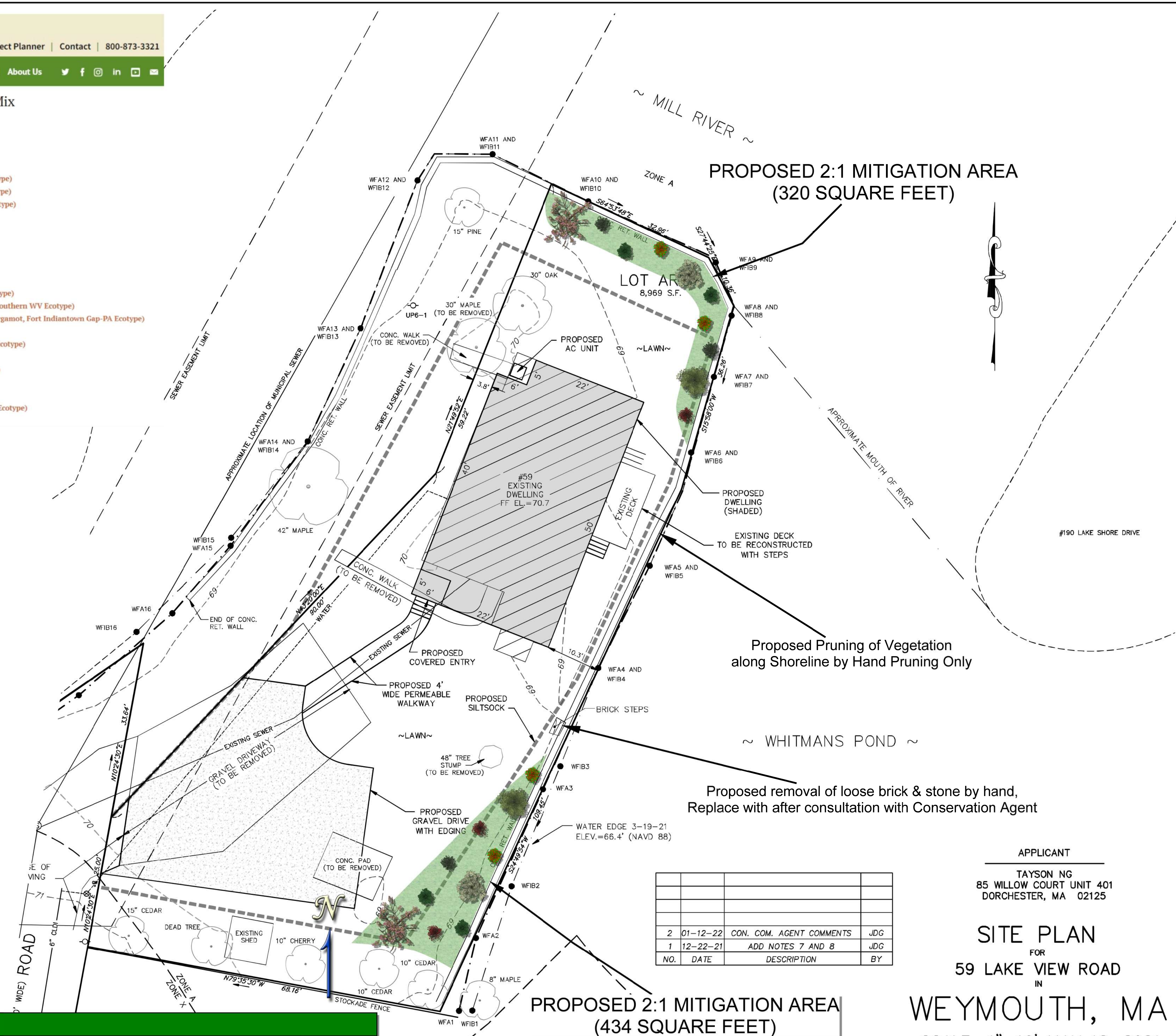
59 Lake View Road
Weymouth, MA

January 20, 2022

Environmental Consulting & Restoration, LLC

NOTES:

- 1.) THE PROPOSED MITIGATION AREA HAS BEEN DESIGNED TO MITIGATE THE INCREASE OF 247 SQ. FT. OF NEW DEGRADED RIVERFRONT AREA ON THE SITE. MITIGATION HAS BEEN DESIGNED AT A 2:1 RATIO TO INCLUDE A TOTAL OF 494 SQ. FT. ALSO INCLUDED IS A 2:1 RATIO OF ADDITIONAL MITIGATION TO ADDRESS THE UNPERMITTED DECK BY OTHERS. TOTAL OF 754 SQ. FT. OF MITIGATION PLANTING AREA PROPOSED.
- 2.) PRIOR TO THE START OF WORK, EROSION CONTROLS SHALL BE ESTABLISHED BETWEEN THE PROPOSED MITIGATION AREA AND THE EXISTING RETAINING WALL TO PROTECT THE NEARBY RESOURCE AREAS.
- 3.) THE EXISTING LAWN WITHIN THE MITIGATION AREA SHALL BE "TURFED-OFF" TO EXPOSE THE NATIVE TOPSOIL. IF NECESSARY, THE MITIGATION AREA SHALL BE SUPPLEMENTED WITH 2-4 INCHES OF CLEAN LOAM TO IMPROVE THE SOIL COMPLEX.
- 4.) THE MITIGATION AREA SHALL BE HAND PLANTED WITH NATIVE SHRUBS AND SAPLINGS, SPACED IN ACCORDANCE WITH D.E.P. GUIDANCE AT 12 FEET ON CENTER FOR SAPLINGS AND 8 FEET ON CENTER FOR SHRUBS. IN ORDER TO VEGETATE THE 754 SQUARE FOOT MITIGATION AREA, A TOTAL OF 6 SAPPLINGS AND 14 SHRUBS ARE PROPOSED. ALL PLANTINGS SHALL BE COMPLETED BY HAND.
- 5.) ONCE INSTALLED, THE ROOT ZONE OF EACH PLANT SHALL BE COVERED WITH NATURAL WOOD CHIPS TO HELP RETAIN MOISTURE.
- 6.) THE REMAINING MITIGATION AREA SHALL BE HAND SEEDED WITH A NATIVE SEED MIX SUITABLE FOR THE BUFFER ZONE (SEE PROFILE BELOW).
- 7.) AN IRRIGATION SCHEDULE SHALL BE ESTABLISHED BY THE APPLICANT/ CONTACTOR.
- 8.) ONCE COMPLETED, A COMPLETION REPORT SHALL BE PROVIDED TO THE CONSERVATION COMMISSION TO INCLUDE PHOTOGRAPH PAGES. MONITORING OF THE MITIGATION AREA SHALL BE COMPLETED FOR TWO FULL GROWING SEASONS AND SHALL INCLUDE MONITORING REPORTS ALSO PROVIDED TO THE CONSERVATION COMMISSION.



Plant Legend									
Symbol	Qty	Common	Botanical	Size	Symbol	Qty	Common	Botanical	Size
	3	Black Chokeberry	<i>Aronia melanocarpa</i>	2 to 2.5 ft. high		2	Black Gum	<i>Nyssa Sylvatica</i>	5 to 6 ft. high
	4	Highbush Blueberry	<i>Vaccinium corymbosum</i>	2 to 2.5 ft. high		2	Flowering Dogwood - Appalachian Spring	<i>Cornus florida</i>	5 to 6 ft. high
	4	Inkberry	<i>Ilex glabra</i>	2 to 2.5 ft. high		2	River Birch	<i>Betula Nigra</i>	5 to 6 ft. high
	3	Witch Hazel	<i>Hamamelis virginiana</i>	2 to 2.5 ft. high	Proposed Seed Mix - See detail from Ernst Conservation Seeds, Inc.				

NO.	DATE	DESCRIPTION	BY
2	01-12-22	CON. COM. AGENT COMMENTS	JDG
1	12-22-21	ADD NOTES 7 AND 8	JDG

APPLICANT
TAYSON NG
85 WILLOW COURT UNIT 401
DORCHESTER, MA 02125

SITE PLAN
FOR
59 LAKE VIEW ROAD
IN
WEYMOUTH, MA

SCALE: 1"=10' MAY 18, 2021
ROSS ENGINEERING COMPANY INC.
PROFESSIONAL ENGINEERS - LAND SURVEYORS
683 MAIN STREET
NORWELL, MASS. 02061
(781)659-1325

JN 4231-SITE