WETLAND DELINEATION NOTES Wetland flag 100 was relocated and wetland flag 100A was added to expand wetland footprint to incorporate wetland indicator plant species including; Canadian Clearweed, Jewelweed, Devil's Beggar-ticks, Grass-leaved Goldenrod, Smartweed and Boxelder. Wetland flag 101 was relocated to expand wetland footprint to incorporate 100% groundcover of wetland indicator herbs including; Canadian Clearweed, Jewelweed and Devil's Beggar-ticks. Wetland flag 102 and 103 were relocated to expand wetland footprint to incorporate 100% groundcover of wetland indicator herbs including; Canadian Clearweed, False Nettle and Jewelweed as well as Inkberry and Box Elder. Wetland flag 104 was relocated to expand wetland footprint to incorporate 100% groundcover of wetland indicator herbs including; Canadian Clearweed, False Nettle, Willowherb, Grass-leaved goldenrod and Jewelweed as well as Ash, American Planetree, Inkberry and Box Elder. Wetland flags 104A and 104B were added to expand wetland footprint to incorporate wetland indicator plant species including; Swamp Milkweed, Inkberry, Ash, Box Elder and Purple Loosestrife. Wetland flag 104C was added to expand wetland footprint to incorporate wetland indicator plant species including; Swamp White Oak, Buckthorn and Jewelweed. Wetland flags 105 and 106 were relocated to expand wetland footprint to incorporate wetland indicator plant species including; Silky Dogwood, Joe-Pye Weed, Ash,

Sycamore, Purple Loosestrife, Great Blue Lobelia, False

limits of wetland indicator plant species including; Ash,

10. Wetland flag 108A was added to expand wetland footprint to incorporate wetland indicator plant species including; Boneset, Joe-Pye Weed, Spotted Joe-Pye Weed, Ash,

11. Wetland flag 109 was relocated to expand wetland footprint to incorporate wetland indicator plant species including; Grass-leaved goldenrod, Ash, Joe-Pye Weed and Canadian

12. Wetland flag 110 was relocated to expand wetland footprint

to incorporate wetland indicator plant species including;

wetland footprint to incorporate wetland indicator plant

14. Wetland flag 113A was added to expand wetland footprint

wetland footprint to incorporate wetland indicator plant

species including; Box Elder and Grass-leaved Goldenrod.

to incorporate wetland indicator plant species including; Ash.

species including; Spicebush, Summersweet, Elderberry and

16. Wetland flags 124A, 124B and 124C were added to expand

17. Wetland flag 126 was relocated to expand wetland footprint

to incorporate wetland indicator plant species including;

18. Wetland flag 126A was added to expand wetland footprint

wetland footprint to incorporate wetland indicator plant species including; Box Elder, Elderberry and Buckthorn. 20. Wetland flag 129 was relocated to expand wetland footprint

to incorporate wetland indicator plant species including; Box

Canadian Clearweed, Jewelweed, Ash and Box Elder.

19. Wetland flags 127 and 128 were relocated to expand

wetland footprint to incorporate wetland indicator plant species including; Summersweet, Spicebush and Ash.

13. Wetland flags 111 and 112 were relocated to expand

15. Wetland flags 123 and 124 were relocated to expand

Elderberry, Buckthorn and Sycamore.

Buckthorn, Ash and Box Elder.

Broadleaf Meadowsweet.

Elder and Buckthorn.

Canadian Clearweed and Devil's Beggar-ticks.

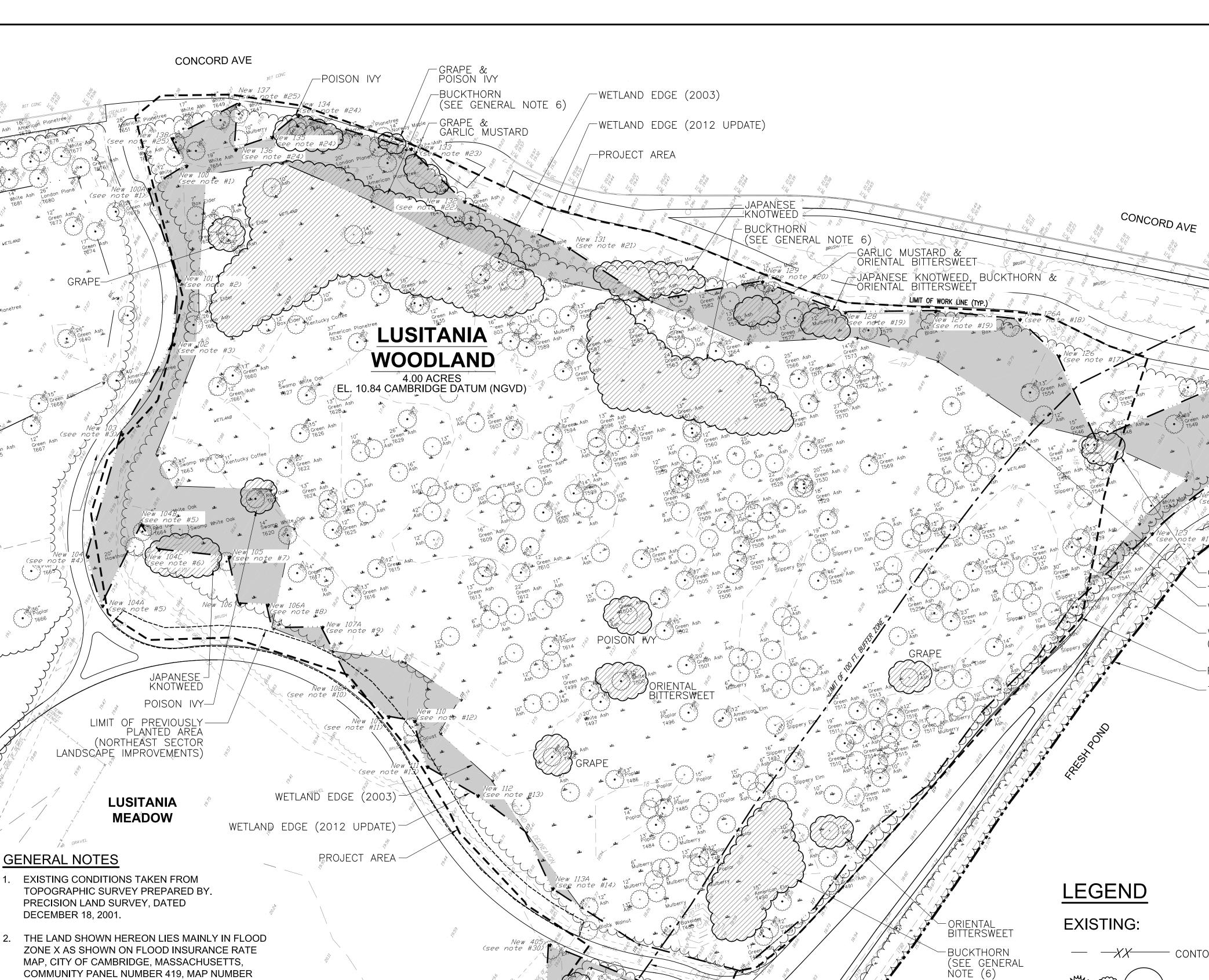
Wetland flag 106A was added to expand wetland footprint

to incorporate wetland indicator plant species including; Ash

9. Wetland flag 107A was added to shrink wetland footprint to

Nettle and sedges.

and Joe Pye Weed.



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to incorporate wetland indicator plant species including; Box Elder, Buckthorn, Jewelweed and Smartweed. 21. Wetland flag 131 was relocated to expand wetland footprint to incorporate wetland indicator plant species including; Silver Maple, Buckthorn, Jewelweed and Smartweed.

22. Wetland flag 132 was relocated to expand wetland footprint to incorporate wetland indicator plant species including; Box 2. Elder, Buckthorn, Jewelweed and Ash.

23. Wetland flag 133 was relocated to expand wetland footprint to incorporate wetland indicator plant species including; Box Elder, Buckthorn, Jewelweed, Sycamore and Ash.

24. Wetland flag 134 was relocated and wetland flags 135 and 136 were added to expand wetland footprint to incorporate wetland indicator plant species including; Box Elder, Buckthorn and Ash.

25. Wetland flag 137 and 138 were added to expand wetland footprint to incorporate wetland indicator plant species including; Buckthorn, Ash and Inkberry.

26. Wetland flag 411A was added to expand wetland footprint to incorporate wetland indicator plant species including; Jewelweed.

27. Wetland flag 410 was relocated and wetland flag 411B was added to expand wetland footprint to incorporate wetland indicator plant species including; Jewelweed and Swamp White Oak.

28. Wetland flag 408 was relocated to expand wetland footprint to incorporate wetland indicator plant species including; Jewelweed, Grass-leaved goldenrod and Wrinkleleaf Goldenrod.

29. Wetland flag 407 was relocated to expand wetland footprint to incorporate wetland indicator plant species including; Cursed buttercup and Wrinkleleaf Goldenrod.

30. Wetland flag 405 was relocated to expand wetland footprint to incorporate wetland indicator plant species including; Cursed leaf buttercup and Elm.

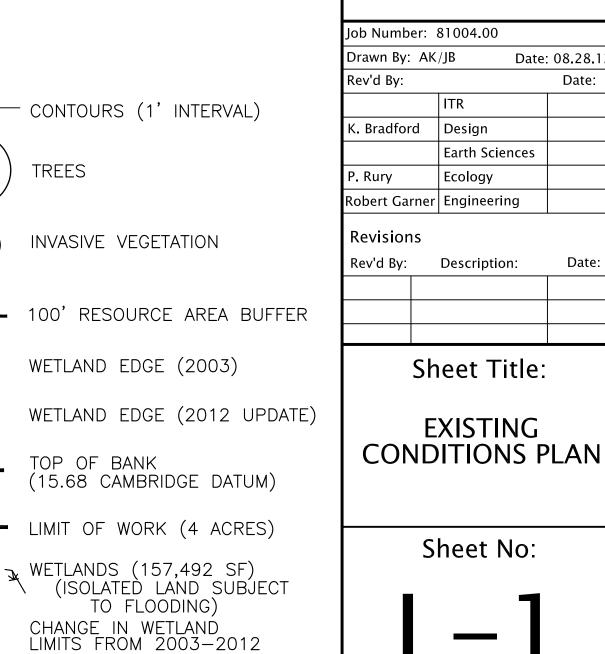
COMMUNITY PANEL NUMBER 419, MAP NUMBER 25017C0419E, EFFECTIVE DATE JUNE 4, 2010. RESOURCE AREA DELINEATION AS DEPICTED ON PLANS AS APPROVED UNDER ORDER OF RESOURCE AREA DELINEATION FILE # 123-0167 ISSUED BY THE CAMBRIDGE CONSERVATION COMMISSION ON MARCH 12, 2003.

UPDATE TO WETLAND FLAG LOCATIONS WAS PERFORMED BY BIOENGINEERING GROUP IN 2012. MODIFICATIONS WERE BASED UPON OBSERVED PLANT COMMUNITIES AS DETAILED IN WETLAND DELINEATION NOTES ON THIS SHEET.

5. UPDATE TO TREE LOCATIONS WAS PERFORMED BY BIOENGINEERING GROUP IN 2012. LOCATIONS OF ADDITIONAL TREES (>6" DBH) WERE ESTIMATED WITHOUT INSTRUMENT SURVEY.

NOTE THAT BUCKTHORN IS PREVALENT ALMOST UNIFORMLY THROUGHOUT THE ENTIRE PROJECT SITE, PARTICULARLY DENSE AREAS OF BUCKTHORN HAVE BEEN SHOWN ON THE PLANS.

SEE RDA APPENDIX B FOR LIST OF EXISTING INVASIVE AND NUISANCE PLANT SPECIES.



Bioengineering

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Department

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Cambridge, MA 02138

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NOT FOR

CONSTRUCTION

Date: 08.28.1

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T RESTORATION

LUSITA! HABITA

-100' BUFFER ZONE

-WETLAND EDGE

(2012 UPDATE)

-PROJECT AREA

TOP OF BANK

-100' BUFFER ZONE

GRAPE & ORIENTAL BITTERSWEET

TOP OF BANK

WETLAND EDGE (2003)

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