

GENERAL BUFFER PLANTING SEQUENCE NOTES:

1. EROSION CONTROLS SHALL BE PLACED AROUND ALL JURISDICTIONAL WETLANDS. (SEE SHEET C-103.1 AND C-103.2)
2. ALL PAVEMENT ASSOCIATED WITH WBBX ROAD SHALL BE REMOVED
3. ALL REMAINING GRAVEL OR FILL MATERIAL SHALL BE REMOVED.
4. CLEAN LOAM SHALL BE PLACED WITHIN THE BUFFER PLANTING AREA AS NEEDED.
5. THE REMAINING OPEN GROUND WITHIN THE DISTURBED AREAS SHALL BE PLANTED WITH A RESTORATION SEED MIX AT A RATE OF 35 LB/ACRE | 1250 SQ FT/LB
6. ALL SEEDED AREAS SHALL BE MULCHED WITH STRAW TO PREVENT EROSION.

BUFFER PLANTINGS:

1. PLANTINGS OF THE FOLLOWING TREE SPECIES SHALL BE DONE AT A SPACING OF 15' OC, 8 EACH OF THE FOLLOWING
 - ACER RUBRUM (RED MAPLE)
 - BETULA ALLEGHANIENSIS (YELLOW BIRCH)
 - ABIES BALSAMEA (BALSAM FIR)
2. THE FOLLOWING SHRUB SPECIES SHALL BE PLANTED AT A SPACING OF 8' OC 15 EACH OF THE FOLLOWING
 - COMPTONIA PEREGRINA (SWEET FERN)
 - CORNUS ALTERNIFOLIA (ALTERNATE-LEAVED DOGWOOD)
 - JUNIPERUS COMMUNIS (COMMON JUNIPER)
 - VACCINIUM ANGUSTIFOLIUM (LOWBUSH BLUEBERRY)
 - VIBURNUM ACERIFOLIUM (MAPLE LEAF VIBURNUM)
 - CORYLUS AMERICANA (AMERICAN HAZELNUT)

BUFFER PLANTINGS:

1. PLANTINGS OF THE FOLLOWING TREE SPECIES SHALL BE DONE AT A SPACING OF 15' OC, 24 EACH OF THE FOLLOWING
 - ACER RUBRUM (RED MAPLE)
 - BETULA ALLEGHANIENSIS (YELLOW BIRCH)
 - ABIES BALSAMEA (BALSAM FIR)
2. THE FOLLOWING SHRUB SPECIES SHALL BE PLANTED AT A SPACING OF 8' OC 45 EACH OF THE FOLLOWING
 - COMPTONIA PEREGRINA (SWEET FERN)
 - CORNUS ALTERNIFOLIA (ALTERNATE-LEAVED DOGWOOD)
 - JUNIPERUS COMMUNIS (COMMON JUNIPER)
 - VACCINIUM ANGUSTIFOLIUM (LOWBUSH BLUEBERRY)
 - VIBURNUM ACERIFOLIUM (MAPLE LEAF VIBURNUM)
 - CORYLUS AMERICANA (AMERICAN HAZELNUT)

PROPOSED PLANTING OF PINE TREES (PINUS STROBUS) APPROXIMATELY 20' OC (EXACT LOCATIONS AND QUANTITIES TO BE COORDINATED WITH GOVE ENVIRONMENTAL SERVICES AND THE CITY OF PORTSMOUTH CONSERVATION COMMISSION)



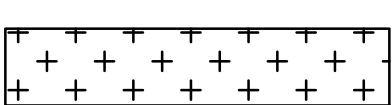



APPROXIMATE LIMITS OF PROPOSED TREATMENT SWALES

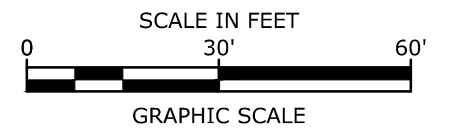
APPROXIMATE NUMBER AND TYPE OF EXISTING TREES TO BE REMOVED WITHIN WETLAND BUFFER:
CHERRY - 7
OAK - 16
PINE - 20
MAPLE - 8

AREA TO BE PLANTED WITH A RESTORATION SEED MIX AT A RATE OF 35 LB/ACRE | 1250 SQ FT/LB

100' WETLAND BUFFER

LEGEND

-  PROPOSED WETLAND BUFFER PLANTINGS
-  PROPOSED IMPERVIOUS AREA WITHIN WETLAND BUFFER = ±6,300 SF
-  TOTAL PROPOSED RESTORATION AREA = ±21,500 SF
-  RESTORATION AREA #1 = ±5,800 SF (EXISTING WBBX ROAD PAVEMENT AND GRAVEL BASE TO BE REMOVED WITHIN WETLAND BUFFER, RESTORED TO NATURAL TOPOGRAPHY AND VEGETATED WITH BUFFER PLANTINGS) (SEE SHEET 103.2 FOR PROPOSED GRADING)
-  RESTORATION AREA #2 = 12,300 SF (EXISTING VEGETATIVE AREA ADJACENT TO WBBX ROAD WITHIN WETLAND BUFFER TO BE RESTORED TO NATURAL TOPOGRAPHY AND VEGETATED WITH BUFFER PLANTINGS) (SEE SHEET 103.2 FOR PROPOSED GRADING)
-  RESTORATION AREA #3 = 3,400 SF (EXISTING WBBX ROAD PAVEMENT AND GRAVEL BASE TO BE REMOVED OUTSIDE OF WETLAND BUFFER AND RESTORED TO NATURAL TOPOGRAPHY AND VEGETATED WITH SEED (SEE SHEET 103.2 FOR PROPOSED GRADING)



PERMIT SET

Proposed Subdivision Road & Office Building Development

Borthwick Forest, LLC

Portsmouth, New Hampshire

MARK	DATE	DESCRIPTION
A	04/24/2017	TAC & ConCom Submission
PROJECT NO: K0076-13		
DATE: 04/24/2017		
FILE: K0076-13_DSGN.DWG		
DRAWN BY: CML		
CHECKED: PMC		
APPROVED: GMM		

BUFFER RESTORATION & PLANTING SEQUENCING PLAN

SCALE: AS SHOWN

Last Save Date: April 28, 2017 4:13 PM By: MAHANSEN
Plot Date: Tuesday, May 02, 2017 Plotted By: Neil A. Hansen
P&E File Location: J:\K0076 The Kennebec Company - General Proposals\076-13 Borthwick Forest\Drawings - Figures\AutoCAD\Xref\K0076-13_DSGN.dwg Layout Tab: BUFF