

**RESTORATION NOTES**

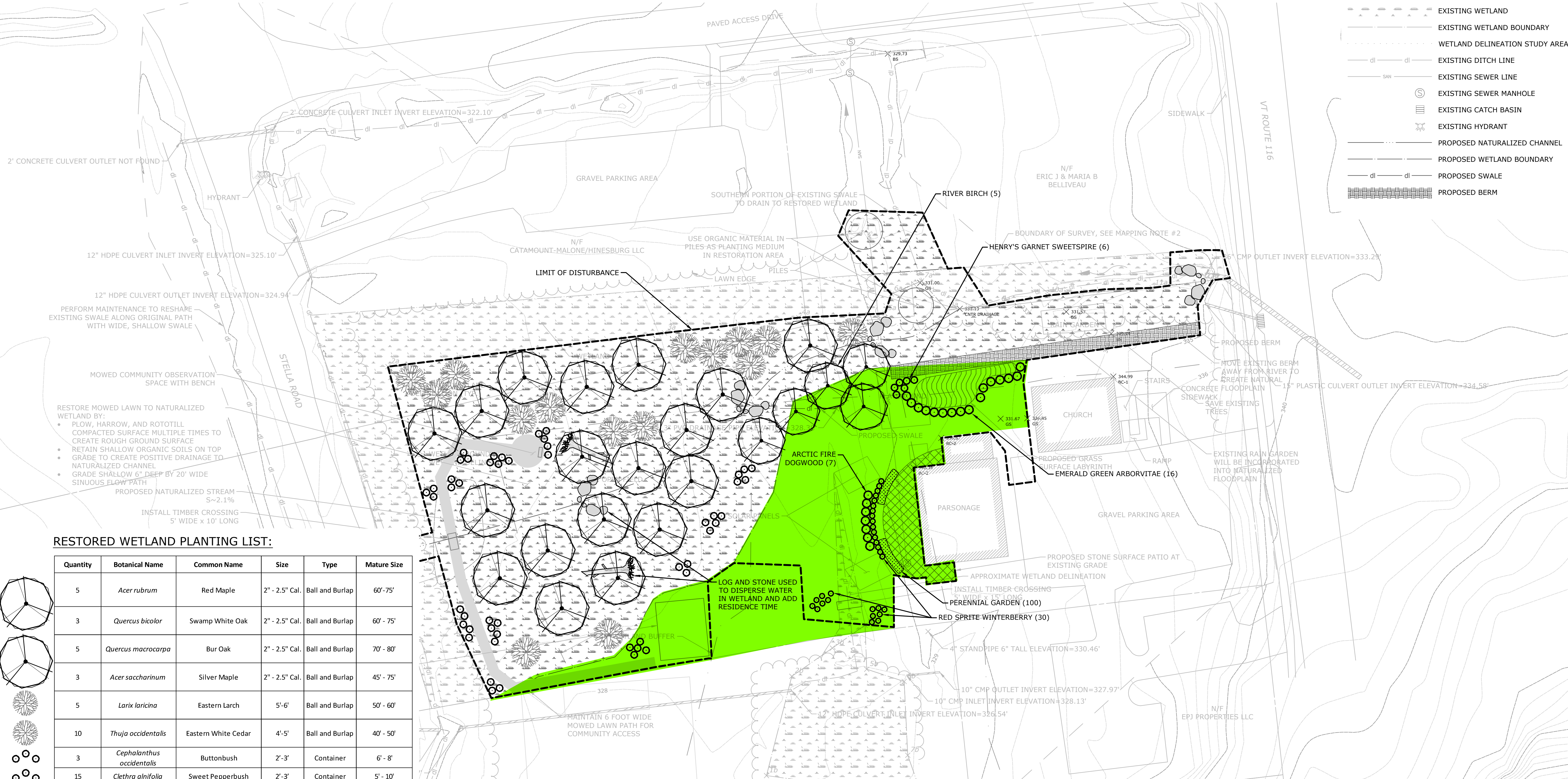
1. SEED RESTORED WETLAND WITH SEED MIXES ACCORDING TO THE VERMONT SEED MIX LIST. APPLICATION RATE VARIES BY SPECIES CHOSEN.
2. SEED ALL DISTURBED LAWN AND PATH AREAS WITH VERMONT CONSERVATION GRASS SEED MIX.
3. APPLY 2 INCHES STRAW MULCH OVER ALL SEEDED AREAS. HAY IS NOT ALLOWED.
4. REMOVE TEMPORARY ACCESS ROADS AND TEMPORARY STOCKPILE AREAS.
5. RESTORE ALL ACCESS ROUTES USED DURING CONSTRUCTION TO PRE-EXISTING OR IMPROVED CONDITIONS, FILL RUTS CREATED BY EQUIPMENT TO RESTORE GRADE AND REVEGETATE AS NEEDED.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO SITE FEATURES IF DAMAGED BY CONSTRUCTION ACTIVITIES.
7. RESTORE ALL OTHER DISTURBED AREAS WITHIN THE PROJECT SITE SUCH AS TEMPORARY ACCESS ROADS, STOCKPILE AREAS, STAGING AREAS, AND SURPLUS DISPOSAL AREAS TO ORIGINAL OR IMPROVED CONDITION.
8. THE SITE IS TO BE FULLY SEEDED AND MULCHED FOLLOWING CONSTRUCTION.
9. TREE AND SHRUB PLACEMENT WILL BE DETERMINED AT THE TIME OF PLANTING AT THE DIRECTION OF THE OWNER (LCA/UCH).

**TREE PLANTING NOTES**

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATING PLANT PITS.
2. PLANTINGS SHALL BE LIMITED TO THE PERIODS OF APRIL 15 - JULY 15 OR SEPTEMBER 15 - NOVEMBER 30.
3. IN TREE PLANTING HOLES - TOPSOIL TO CONTAIN A MINIMUM OF 12% ORGANIC CONTENT (BY WEIGHT), AMEND SOIL WITH ORGANIC MATTER (LEAF COMPOST).
4. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A 2" MIN. DEPTH OF SHREDDED MULCH EXTENDING 1 FOOT BEYOND EACH PLANTING HOLE.
5. QUANTITY AND PLACEMENT OF PLANTS ARE APPROXIMATE AND SHOULD BE ADJUSTED IN THE FIELD TO AVOID IMPACT TO EXISTING WOODY SHRUBS AND SMALL TREES ON THE SITE.
6. WHERE A SIZE RANGE IS SPECIFIED AT LEAST 50% OF PLANTS PROVIDED SHALL BE OF THE LARGER SIZE.
7. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND SHALL CONTINUE UNTIL AT LEAST 50% OF THE TREES HAVE REACHED 6 FEET TALL. MAINTENANCE SHALL INCLUDE WATERING, MULCHING, REPLACEMENT OF SICK OR DEAD PLANTS, AND ALL OTHER CARE NEEDED FOR PROPER GROWTH OF THE PLANTS.
8. WATER PLANTS SEVERAL TIMES A WEEK FOR THE FIRST FEW WEEKS IF NO SUBSTANTIAL RAIN FALLS. ALSO WATER DURING DRY SPELLS FOR THE FIRST SUMMER.
9. ALL TREES AND SHRUBS WILL CARRY A GUARANTEE FOR 3 YEARS AFTER PLANTING. CONTRACTOR RESPONSIBLE FOR PROTECTION FROM RODENTS.

**LEGEND**

- BOUNDARY OF SURVEY
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- APPROX. PROPERTY LINE
- EXISTING EDGE OF PAVEMENT
- EXISTING EDGE OF GRAVEL
- EXISTING EDGE OF SIDEWALK
- EXISTING EDGE OF LAWN
- EXISTING WETLAND
- EXISTING WETLAND BOUNDARY
- WETLAND DELINEATION STUDY AREA
- EXISTING DITCH LINE
- EXISTING SEWER LINE
- ⊙ EXISTING SEWER MANHOLE
- ⊞ EXISTING CATCH BASIN
- ⊞ EXISTING HYDRANT
- PROPOSED NATURALIZED CHANNEL
- PROPOSED WETLAND BOUNDARY
- PROPOSED SWALE
- PROPOSED BERM



**RESTORED WETLAND PLANTING LIST:**

Quantity	Botanical Name	Common Name	Size	Type	Mature Size
5	<i>Acer rubrum</i>	Red Maple	2" - 2.5" Cal.	Ball and Burlap	60' - 75'
3	<i>Quercus bicolor</i>	Swamp White Oak	2" - 2.5" Cal.	Ball and Burlap	60' - 75'
5	<i>Quercus macrocarpa</i>	Bur Oak	2" - 2.5" Cal.	Ball and Burlap	70' - 80'
3	<i>Acer saccharinum</i>	Silver Maple	2" - 2.5" Cal.	Ball and Burlap	45' - 75'
5	<i>Larix laricina</i>	Eastern Larch	5'-6"	Ball and Burlap	50' - 60'
10	<i>Thuja occidentalis</i>	Eastern White Cedar	4'-5"	Ball and Burlap	40' - 50'
3	<i>Cephalanthus occidentalis</i>	Buttonbush	2'-3'	Container	6' - 8'
15	<i>Clethra alnifolia</i>	Sweet Pepperbush	2'-3'	Container	5' - 10'
8	<i>Cornus racemosa</i>	Gray Stem Dogwood	2'-3'	Container	10' - 15'
15	<i>Ilex verticillata</i>	Afterglow (Female Winterberry)	2'-3'	Container	3' - 15'
1	<i>Ilex verticillata</i>	Jim Dandy (Male Winterberry)	2'-3'	Container	3' - 15'
8	<i>Hamamelis virginiana</i>	Witch Hazel	2'-3'	Container	15' - 30'

Seed Mix Name	Species	Application Rate	Area	Estimated Quantity
Vermont Wetland Shrub Mix	Blue vervain ( <i>Verbena hastata</i> ), Joe-pye weed ( <i>Eupatoriadelphus maculatus</i> ), Green bulrush ( <i>Scirpus atrovirens</i> ), Nodding sedge ( <i>Carex crinita</i> ), Buttonbush ( <i>Cephalanthus occidentalis</i> ), Red-osier dogwood ( <i>Cornus sericea</i> ), Elderberry ( <i>Sambucus canadensis</i> ), Nodding bur-marigold ( <i>Bidens cernua</i> ), Silky dogwood ( <i>Cornus amomum</i> ), Blueflag iris ( <i>Iris versicolor</i> ), Greater bladder sedge ( <i>Carex intumescens</i> )	18 Lbs. / Acre	1.06 Acres	19.1 Lbs.

**ADDITIONAL PLANTINGS LIST:**

Quantity	Botanical Name	Common Name	Size	Type	Mature Size
5	<i>Betula nigra</i>	River Birch	2" - 2.5" Cal.	Ball and Burlap	40' - 70'
16	<i>Thuja occidentalis 'Smaragd'</i>	Emerald Green Arborvitae	4'-5"	Ball and Burlap	10' - 15'
7	<i>Cornus stolonifera</i>	Arctic Fire Dogwood	2'-3'	Container	3' - 4'
30	<i>Ilex verticillata</i>	Red Sprite Winterberry	2'-3'	Container	3' - 5'
6	<i>Itea virginica</i>	Henry's Garnet Sweetspire	2'-3'	Container	5' - 6'



DESCRIPTION	DATE	BY

**SITE PLAN - RESTORATION**  
**WETLANDS RESTORATION IN HINESBURG VILLAGE**  
 VT ROUTE 116  
 HINESBURG, VERMONT

CMN	CMN	JCL
DESIGNED	DRAWN	CHECKED
SCALE: 1" = 30'		
DATE: DECEMBER 10, 2021		
PROJECT NO: 3452-33		
SHEET NO: 5 OF 8		
<b>SP4</b>		