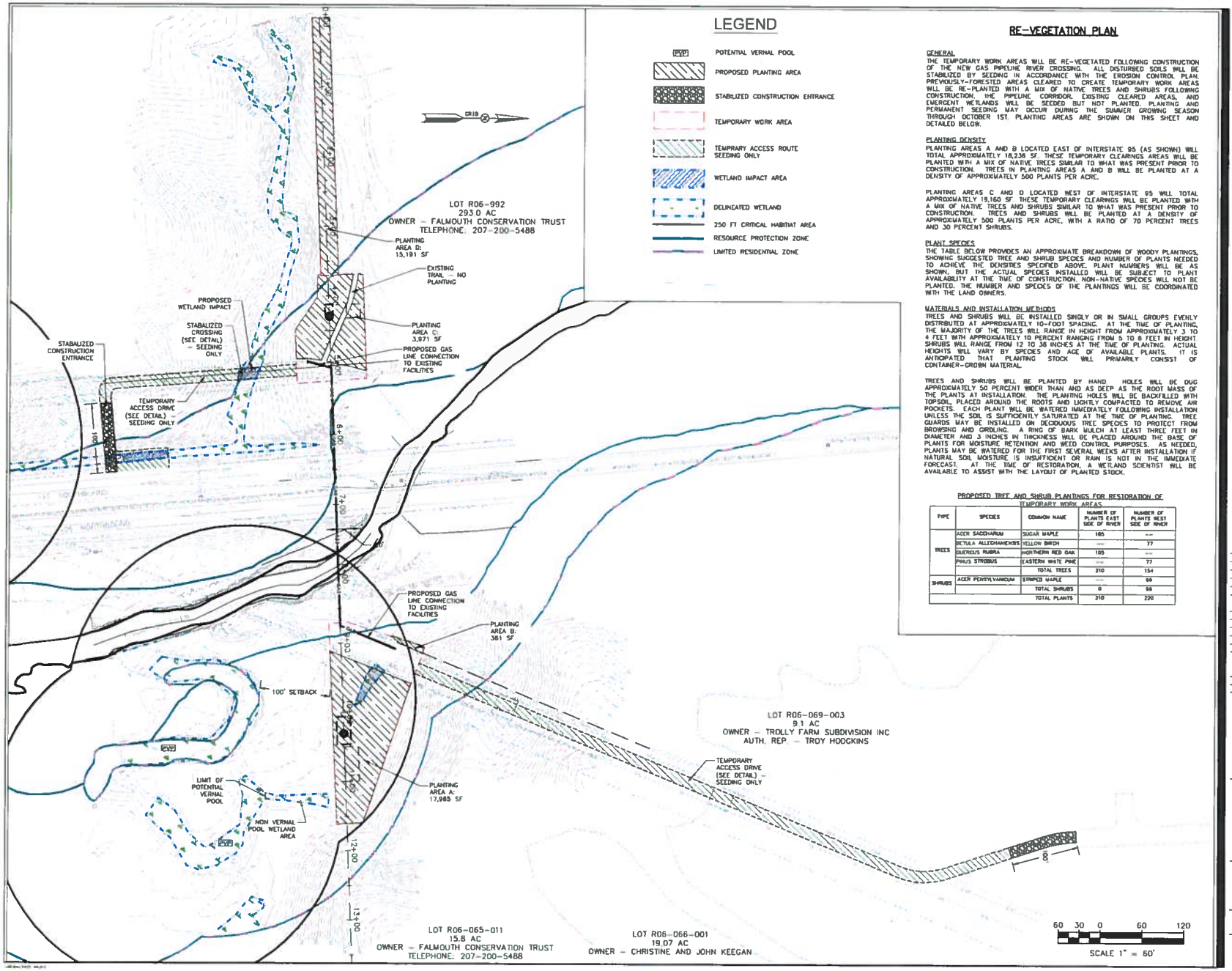
EXHIBIT B



LEGEND

- POTENTIAL VERNAL POOL
- PROPOSED PLANTING AREA
- STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY WORK AREA
- TEMPRARY ACCESS ROUTE SEEDING ONLY
- WETLAND IMPACT AREA
- DELINEATED WETLAND
- 250 FT CRITICAL HABITAT AREA
- RESOURCE PROTECTION ZONE
- LIMITED RESIDENTIAL ZONE

RE-VEGETATION PLAN

GENERAL

THE TEMPORARY WORK AREAS WILL BE RE-VEGETATED FOLLOWING CONSTRUCTION OF THE NEW GAS PIPELINE RIVER CROSSING. ALL DISTURBED SOILS WILL BE STABILIZED BY SEEDING IN ACCORDANCE WITH THE EROSION CONTROL PLAN. PREVIOUSLY-FORESTED AREAS CLEARED TO CREATE TEMPORARY WORK AREAS WILL BE RE-PLANTED WITH A MIX OF NATIVE TREES AND SHRUBS FOLLOWING CONSTRUCTION. THE PIPELINE CORRIDOR, EXISTING CLEARED AREAS, AND EMERGENT WETLANDS WILL BE SEEDED BUT NOT PLANTED. PLANTING AND PERMANENT SEEDING MAY OCCUR DURING THE SUMMER GROWING SEASON THROUGH OCTOBER 1ST. PLANTING AREAS ARE SHOWN ON THIS SHEET AND DETAILED BELOW.

PLANTING DENSITY

PLANTING AREAS A AND B LOCATED EAST OF INTERSTATE 95 (AS SHOWN) WILL TOTAL APPROXIMATELY 18,236 SF. THESE TEMPORARY CLEARINGS AREAS WILL BE PLANTED WITH A MIX OF NATIVE TREES SIMILAR TO WHAT WAS PRESENT PRIOR TO CONSTRUCTION. TREES IN PLANTING AREAS A AND B WILL BE PLANTED AT A DENSITY OF APPROXIMATELY 500 PLANTS PER ACRE.

PLANTING AREAS C AND D LOCATED WEST OF INTERSTATE 95 WILL TOTAL APPROXIMATELY 19,160 SF. THESE TEMPORARY CLEARINGS WILL BE PLANTED WITH A MIX OF NATIVE TREES AND SHRUBS SIMILAR TO WHAT WAS PRESENT PRIOR TO CONSTRUCTION. TREES AND SHRUBS WILL BE PLANTED AT A DENSITY OF APPROXIMATELY 500 PLANTS PER ACRE, WITH A RATIO OF 70 PERCENT TREES AND 30 PERCENT SHRUBS.

PLANT SPECIES

THE TABLE BELOW PROVIDES AN APPROXIMATE BREAKDOWN OF WOODY PLANTINGS, SHOWING SUGGESTED TREE AND SHRUB SPECIES AND NUMBER OF PLANTS NEEDED TO ACHIEVE THE DENSITIES SPECIFIED ABOVE. PLANT NUMBERS WILL BE AS SHOWN, BUT THE ACTUAL SPECIES INSTALLED WILL BE SUBJECT TO PLANT AVAILABILITY AT THE TIME OF CONSTRUCTION. NON-NATIVE SPECIES WILL NOT BE PLANTED. THE NUMBER AND SPECIES OF THE PLANTINGS WILL BE COORDINATED WITH THE LAND OWNERS.

MATERIALS AND INSTALLATION METHODS

TREES AND SHRUBS WILL BE INSTALLED SINGLY OR IN SMALL GROUPS EVENLY DISTRIBUTED AT APPROXIMATELY 10-FOOT SPACING. AT THE TIME OF PLANTING, THE MAJORITY OF THE TREES WILL RANGE IN HEIGHT FROM APPROXIMATELY 3 TO 4 FEET WITH APPROXIMATELY 10 PERCENT RANGING FROM 5 TO 8 FEET IN HEIGHT. SHRUBS WILL RANGE FROM 12 TO 36 INCHES AT THE TIME OF PLANTING. ACTUAL HEIGHTS WILL VARY BY SPECIES AND AGE OF AVAILABLE PLANTS. IT IS ANTICIPATED THAT PLANTING STOCK WILL PRIMARILY CONSIST OF CONTAINER-GROWN MATERIAL.

TREES AND SHRUBS WILL BE PLANTED BY HAND. HOLES WILL BE DUG APPROXIMATELY 50 PERCENT WIDER THAN AND AS DEEP AS THE ROOT MASS OF THE PLANTS AT INSTALLATION. THE PLANTING HOLES WILL BE BACKFILLED WITH TOPSOIL, PLACED AROUND THE ROOTS AND LIGHTLY COMPACTED TO REMOVE AIR POCKETS. EACH PLANT WILL BE WATERED IMMEDIATELY FOLLOWING INSTALLATION UNLESS THE SOIL IS SUFFICIENTLY SATURATED AT THE TIME OF PLANTING. TREE GUARDS MAY BE INSTALLED ON DECIDUOUS TREE SPECIES TO PROTECT FROM BROWSING AND GIRDLING. A RING OF BARK MULCH AT LEAST THREE FEET IN DIAMETER AND 3 INCHES IN THICKNESS WILL BE PLACED AROUND THE BASE OF PLANTS FOR MOISTURE RETENTION AND WEED CONTROL PURPOSES. AS NEEDED, PLANTS MAY BE WATERED FOR THE FIRST SEVERAL WEEKS AFTER INSTALLATION IF NATURAL SOIL MOISTURE IS INSUFFICIENT OR RAIN IS NOT IN THE IMMEDIATE FORECAST. AT THE TIME OF RESTORATION, A WETLAND SCIENTIST WILL BE AVAILABLE TO ASSIST WITH THE LAYOUT OF PLANTED STOCK.

PROPOSED TREE AND SHRUB PLANTINGS FOR RESTORATION OF TEMPORARY WORK AREAS

TYPE	SPECIES	COMMON NAME	NUMBER OF PLANTS EAST SIDE OF RIVER	NUMBER OF PLANTS WEST SIDE OF RIVER
TREES	ACER SACCHARUM	SUGAR MAPLE	185	--
	BETULA ALLEGHANIENSIS	YELLOW BIRCH	--	77
	QUERCUS RUBRA	NORTHERN RED OAK	105	--
	PINUS STROBUS	EASTERN WHITE PINE	--	77
		TOTAL TREES	210	154
SHRUBS	ACER PENSYLVANICUM	STRIPED MAPLE	--	66
		TOTAL SHRUBS	0	66
		TOTAL PLANTS	210	220

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Consultants

Unitil
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Legend

Notes

TOTAL AREA OF WORK AND ACCESS ROUTE= 49,825 SF

WETLAND IMPACT AREA = 2,300 SF

Revision	By	Appd	YY.MM.DD

Issued	By	Appd	YY.MM.DD

Permit-Seal

Client/Project
Unitil Service Corporation
325 West Road, Portsmouth, NH

MAINE TURNPIKE / PISCATAQUA RIVER GAS LINE RELOCATION PROJECT
FALMOUTH, MAINE

Title
PROPOSED PLANTING PLAN

Project No.	Scale	
191711339	1" = 60'	
Drawing No.	Sheet	Revision
E02	6 of 8	0