

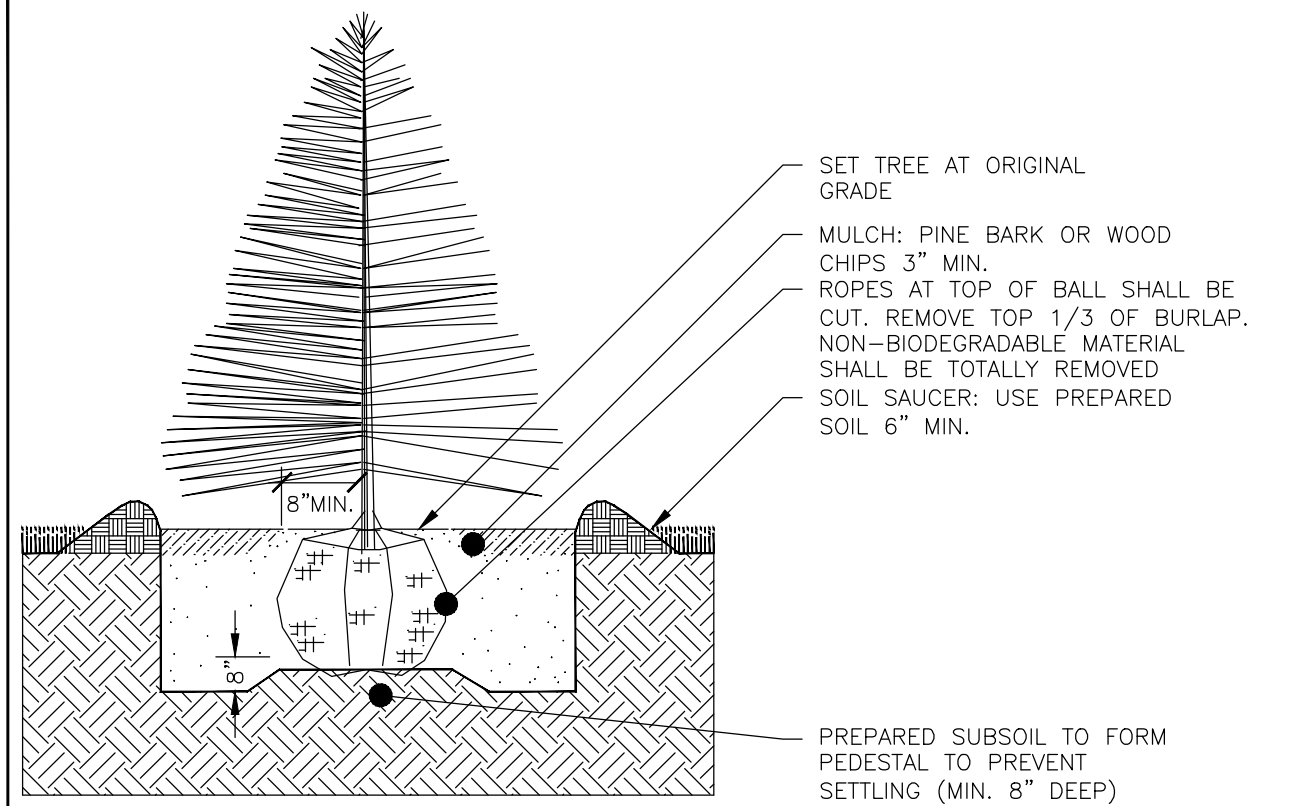
EASTERN DECIDUOUS TREE PLANTING LIST						
SYMBOL	QTY	COMMON NAME	BOTANICAL NAME	SIZE	HEIGHT	COMMENTS
	21	RED OAK	QUERCUS RUBA	1.5"-2" (DBH)	6'-7'	ALL TREES AT LEAST 25 FEET ON CENTER
	20	PIN OAK	QUERCUS PALUSTRIS	1.5"-2" (DBH)	6'-7'	
	21	AMERICAN BEECH	FAGUS GRANDIFOLIA	1.5"-2" (DBH)	6'-7'	
	20	TULIP TREE	LIRIODENDRON TULIPIFERA	1.5"-2" (DBH)	6'-7'	
	21	AMERICAN HORNBEAM	CARPINUS CAROLINIANA	1.5"-2" (DBH)	6'-7'	
	20	BASSWOOD	TILIA AMERICANA	1.5"-2" (DBH)	6'-7'	

EASTERN EVERGREEN TREE PLANTING LIST						
SYMBOL	QTY	COMMON NAME	BOTANICAL NAME	SIZE	HEIGHT	COMMENTS
	32	UPRIGHT WHITE PINE	PINUS STROBUS 'FASTIGIATA'	1.5"-2" (DBH)	6'-7'	AT LEAST 10' O.C.
	24	WHITE SPRUCE	PICEA GLAUCA	1.5"-2" (DBH)	6'-7'	AT LEAST 15' O.C.
	24	BLUE SPRUCE	PICEA PUNGENS	1.5"-2" (DBH)	6'-7'	AT LEAST 15' O.C.
	24	EASTERN REDCEDAR	JUNIPERUS VIRGINIANA	1.5"-2" (DBH)	6'-7'	AT LEAST 8' O.C.

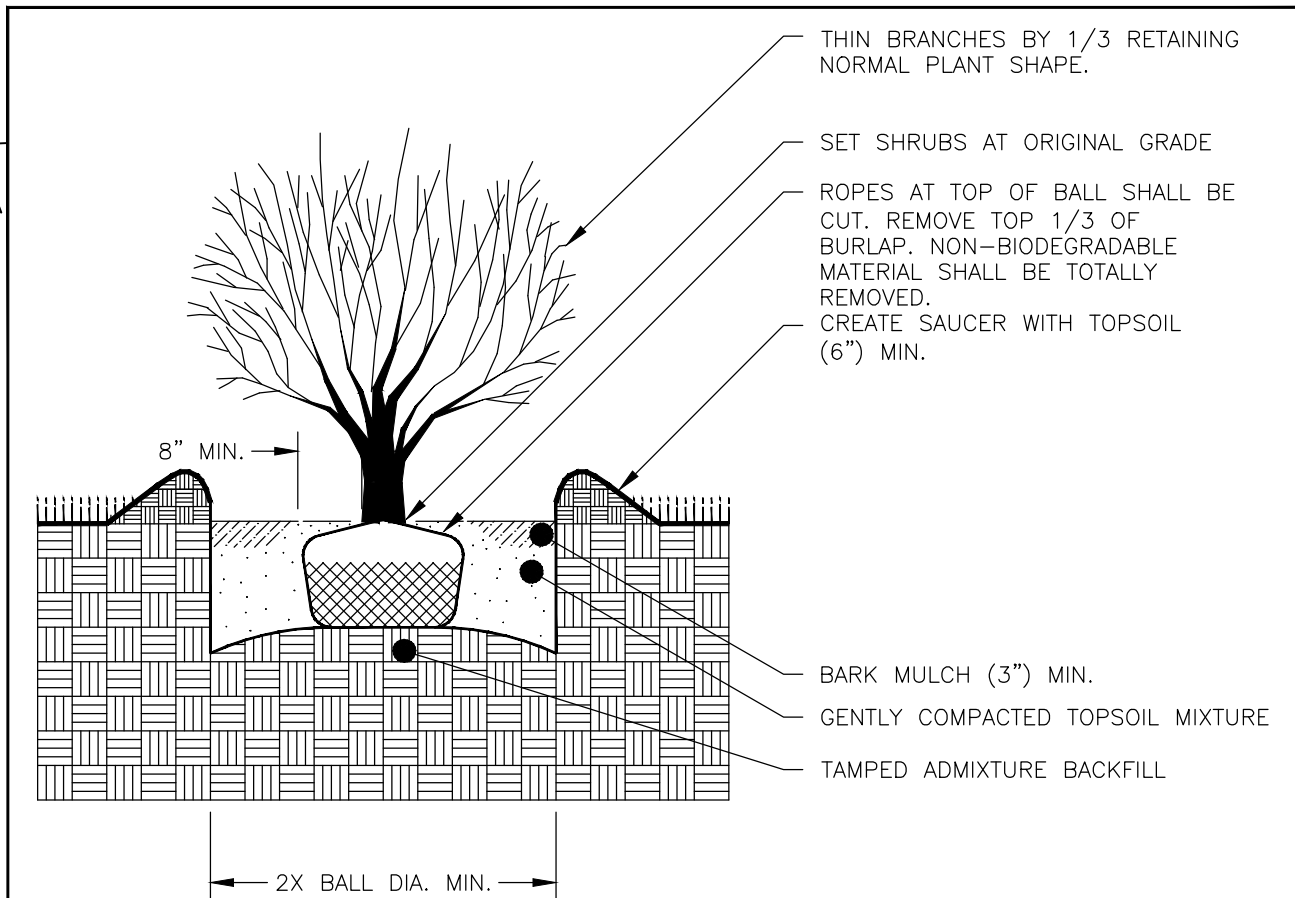
EASTERN TREE SUMMARY	
REQUIRED	205 TREES CUT X 110% = 226 TREES TO BE PLANTED
PROVIDED	104 EVERGREEN TREES 123 DECIDUOUS TREES (227 TOTAL TREES)

EASTERN SHRUB PLANTING LIST					
SYMBOL	QTY	COMMON NAME	BOTANICAL NAME	SIZE	COMMENTS
	376 (SEE NOTE)	HIGHBUSH BLUEBERRY	VACCINIUM CORYMBOSUM	2'-3'	ALL SHRUBS AT LEAST 10 FEET ON CENTER
		INKBERRY	ILEX GLABRA	18"-24"	
		WINTERBERRY	ILEX VERTICILLATA	2'-3'	
		RED—OSIER DOGWOOD	CORNUS SERICEA	18"-24"	
		BAYBERRY	MORELLA PENSYLVANICA	2'—3'	
		SWEET FERN	COMPTONIA PEREGRINA	2'—3'	
		VIRGINIA ROSE	ROSA VIRGINIANA	18"-24"	
		STEEPLEBUSH	SPIRAEA LATIFOLIA	18"-24"	
NOTE: SHRUB SPECIES SHALL BE RANDOMLY LOCATED IN THE FIELD AND SPACED IN A GENERALLY EQUALLY MANNER THROUGHOUT THE AREAS. THE TOTAL NUMBER OF SHRUB SPECIES SHALL BE EQUALLY DISTRIBUTED AMONG THE VARIOUS SPECIES.					

- NOTES:
- SITE PLAN DATA OBTAINED FROM PLANS ENTITLED "SYNCARPHA SOLAR, LLC, PROPOSED SOLAR ARRAY" PREPARED BY BERTIN ENGINEERING AND REVISED THROUGH SEPTEMBER 6, 2018.
 - ELECTRONIC MEDIA (CAD) FILES OF THE PLANS OBTAINED FROM CS ENERGY ON JANUARY 7, 2019 AND JANUARY 9, 2019.
 - BEALS ASSOCIATES, INC. HAS MODIFIED THE SITE PLANS ONLY FOR THE RESTORATION AREAS.



DECIDUOUS AND EVERGREEN TREE PLANTING

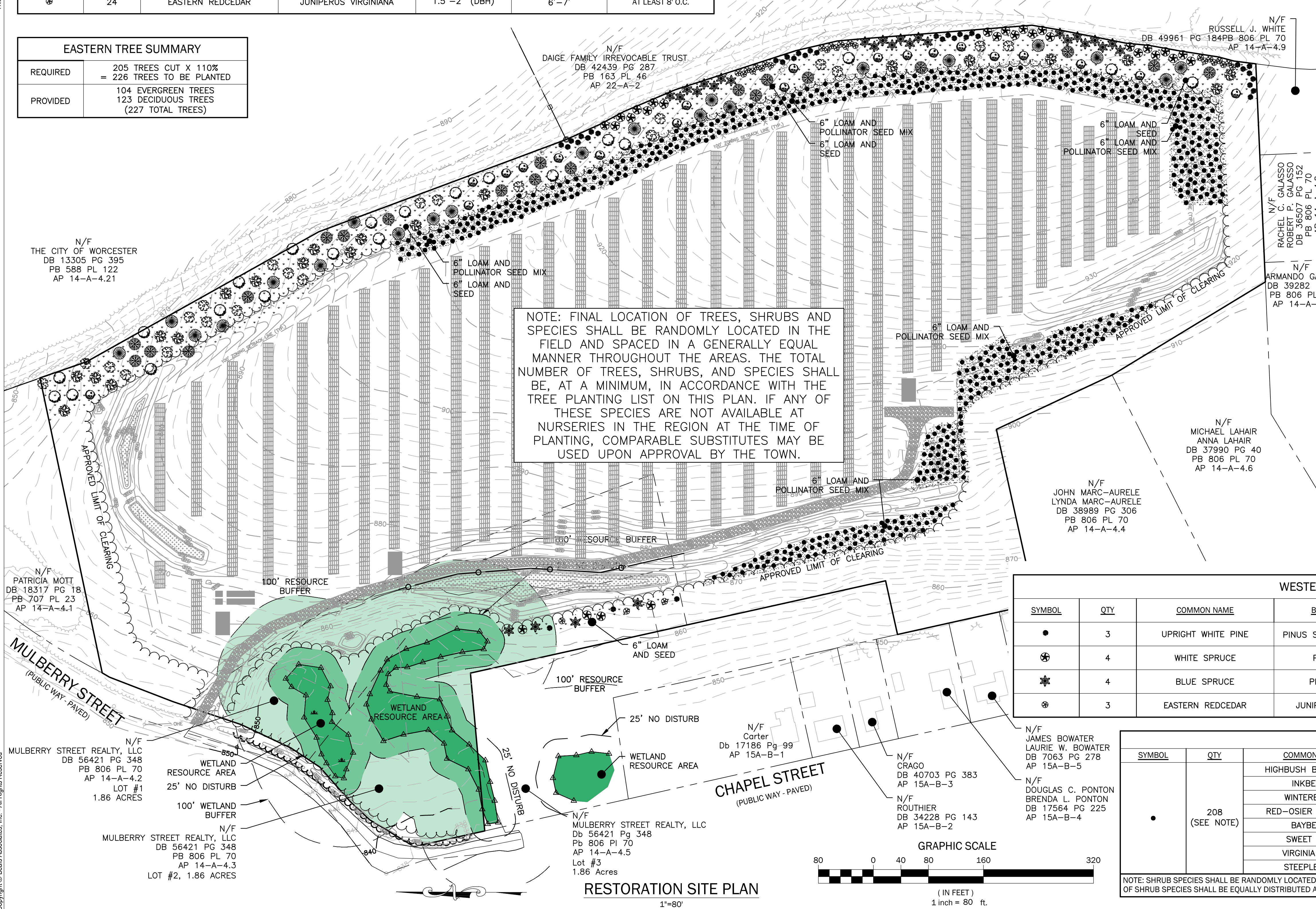


SHRUB PLANTING - BALL AND BURLAP

NOTE: FINAL LOCATION OF TREES, SHRUBS AND SPECIES SHALL BE RANDOMLY LOCATED IN THE FIELD AND SPACED IN A GENERALLY EQUAL MANNER THROUGHOUT THE AREAS. THE TOTAL NUMBER OF TREES, SHRUBS, AND SPECIES SHALL BE, AT A MINIMUM, IN ACCORDANCE WITH THE TREE PLANTING LIST ON THIS PLAN. IF ANY OF THESE SPECIES ARE NOT AVAILABLE AT NURSERIES IN THE REGION AT THE TIME OF PLANTING, COMPARABLE SUBSTITUTES MAY BE USED UPON APPROVAL BY THE TOWN.

WESTERN TREE PLANTING LIST						
SYMBOL	QTY	COMMON NAME	BOTANICAL NAME	SIZE	HEIGHT	COMMENTS
	3	UPRIGHT WHITE PINE	PINUS STROBUS 'FASTIGIATA'	1.5"-2" (DBH)	6'-7'	AT LEAST 10' O.C.
	4	WHITE SPRUCE	PICEA GLAUCA	1.5"-2" (DBH)	6'-7'	AT LEAST 15' O.C.
	4	BLUE SPRUCE	PICEA PUNGENS	1.5"-2" (DBH)	6'-7'	AT LEAST 15' O.C.
	3	EASTERN REDCEDAR	JUNIPERUS VIRGINIANA	1.5"-2" (DBH)	6'-7'	AT LEAST 8' O.C.

WESTERN SHRUB PLANTING LIST					
<u>SYMBOL</u>	<u>QTY</u>	<u>COMMON NAME</u>	<u>BOTANICAL NAME</u>	<u>SIZE</u>	<u>COMMENTS</u>
	208 (SEE NOTE)	HIGHBUSH BLUEBERRY	VACCINIUM CORYMBOSUM	2'-3'	ALL SHRUBS AT LEAST 10 FEET ON CENTER
		INKBERRY	ILEX GLABRA	18"-24"	
		WINTERBERRY	ILEX VERTICILLATA	2'-3'	
		RED—OSIER DOGWOOD	CORNUS SERICEA	18"-24"	
		BAYBERRY	MORELLA PENSYLVANICA	2'—3'	
		SWEET FERN	COMPTONIA PEREGRINA	2'—3'	
		VIRGINIA ROSE	ROSA VIRGINIANA	18"-24"	
		STEEPLEBUSH	SPIRAEA LATIFOLIA	18"-24"	



BEALS ASSOCIATES INC.
3 PARK PLAZA SUITE 200 BOSTON, MA 02116
PHONE: 617-242-3120
*PLANNING *ENGINEERING *PERMITTING *MANAGEMENT

Owner
syncarpha
Syncarpha
Leicester, LLC
250 W 57th Street
Suite 701
New York, NY

Engineering, Procurement, Construction
CS Energy
100 Grove Street
Worcester, MA 01605

PV Ground Mount Photovoltaic System
0 Mulberry Street
Leicester, MA

Revised per Town Comments	Revised per Peer Review Comments	Date	Revision
1.	2.		No.

PERMIT TO EXCAVATE
TODD P. MOOREY
CIVIL
No. 48865
3.9.2020

Permit Documents

Designed by: DPH | Checked by: TPM
Proj. No.: C-1117 | Issue Date: 01.20.20
Drawing Scale: As Noted

RESTORATION PLAN

Sheet Number

EX1.0