

PLANTING SCHEDULE

KEY	BOTANICAL NAME	COMMON NAMES AND VARIETIES**	QUAN.	SIZE	NOTES	PLANT TYPE
Ab	<i>Ammophila breviflora</i>	AMERICAN BEACHGRASS (AND VARIETIES)	224	BARE ROOT OR 2"	B.R. OR CONTAINER	POG
Ac*	<i>Amelanchier canadensis</i>	SHADBLOW SERVICEBERRY (AND VARIETIES)	7	3 GALLON	CONTAINER, MULTI-STEM	DFS/DOT
Am	<i>Achillea millefolium</i>	COMMON YARROW (AND VARIETIES)	54	2" OR #1	CONTAINER	DFF
At	<i>Asclepias tuberosa</i>	ORANGE BUTTERFLY MILKWEED	36	2" OR #1	CONTAINER	DFF
Cp*	<i>Clethra distillata</i> 'Sixteen Candles'	SIXTEEN CANDLES SWEET PEPPERBUSH	6	1 GALLON	CONTAINER	DFS
Co	<i>Coreopsis lanceolata</i>	LANCE-LEAVED COREOPSIS	10	2" OR #1	CONTAINER	DFF
H*	<i>Hibiscus moscheutos</i>	MARSH MALLOW (AND VARIETIES)	15	2" OR #1	CONTAINER	DFF
Ig*	<i>Ilex glabra</i>	INKBERRY HOLLY	3	2" OR #1	CONTAINER	EBS
Im*	<i>Ilex opaca</i> 'Maryland Dwarf'	MARYLAND DWARF AMERICAN HOLLY (GROUNDCOVER)	14	#2	CONTAINER	EBGC
Jv	<i>Juniperus virginiana</i>	EASTERN REDCEDAR (AND VARIETIES)	16	3 GALLON	CONTAINER	ENT
Mp	<i>Morella (Myrica) pensylvanica</i>	NORTHERN BARBERRY	50	#1	CONTAINER	SES
Mv*	<i>Magnolia virginiana</i>	SWEETBAY MAGNOLIA	3	3 GALLON	CONTAINER	SEFS/SEOT
Pa	<i>Panicum anatum</i> var. <i>amarulum</i>	BITTER (COASTAL) PANICGRASS (AND VARIETIES)	98	2" OR #1	CONTAINER	POG
Pm	<i>Prunus maritima</i>	BEACH PLUM	30	3 GALLON	CONTAINER	DFS
Pv	<i>Panicum virgatum</i>	SWITCHGRASS (AND VARIETIES)	10	2" OR #1	CONTAINER	POG
Q*	<i>Quercus phellos</i>	WILLOW OAK	6	10 GALLON	CONTAINER	DST
Rh	<i>Rhus copallinum</i>	WINGED SUMAC	10	3 GALLON	CONTAINER	DFS/DOT
Ru*	<i>Rudbeckia hirta</i> var. <i>hirta</i>	BLACK-EYED SUSAN	19	2" OR #1	CONTAINER	DFF
So	<i>Solidago sempervirens</i>	SEASIDE GOLDENROD	8	2" OR #1	CONTAINER	EFP
Ss	<i>Schizobolus scoparium</i> var. <i>litoralis</i>	SEASHORE LITTLE BLUESTEM GRASS	88	2" OR #1	CONTAINER	POG
Sp*	<i>Spartina patens</i> 'Avalon'	AVALON SALT-MEADOW CORDOGRASS	30	2" OR #1	CONTAINER	POG
Vc*	<i>Vaccinium corymbosum</i>	HIGHBUSH BLUEBERRY	2	1 GALLON	CONTAINER	DFS

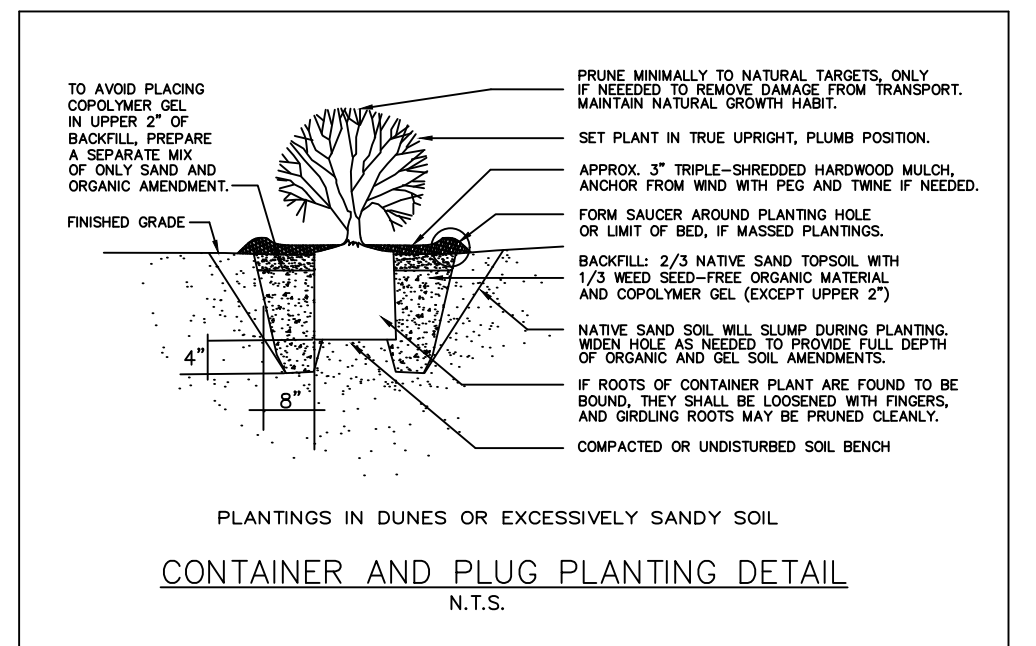
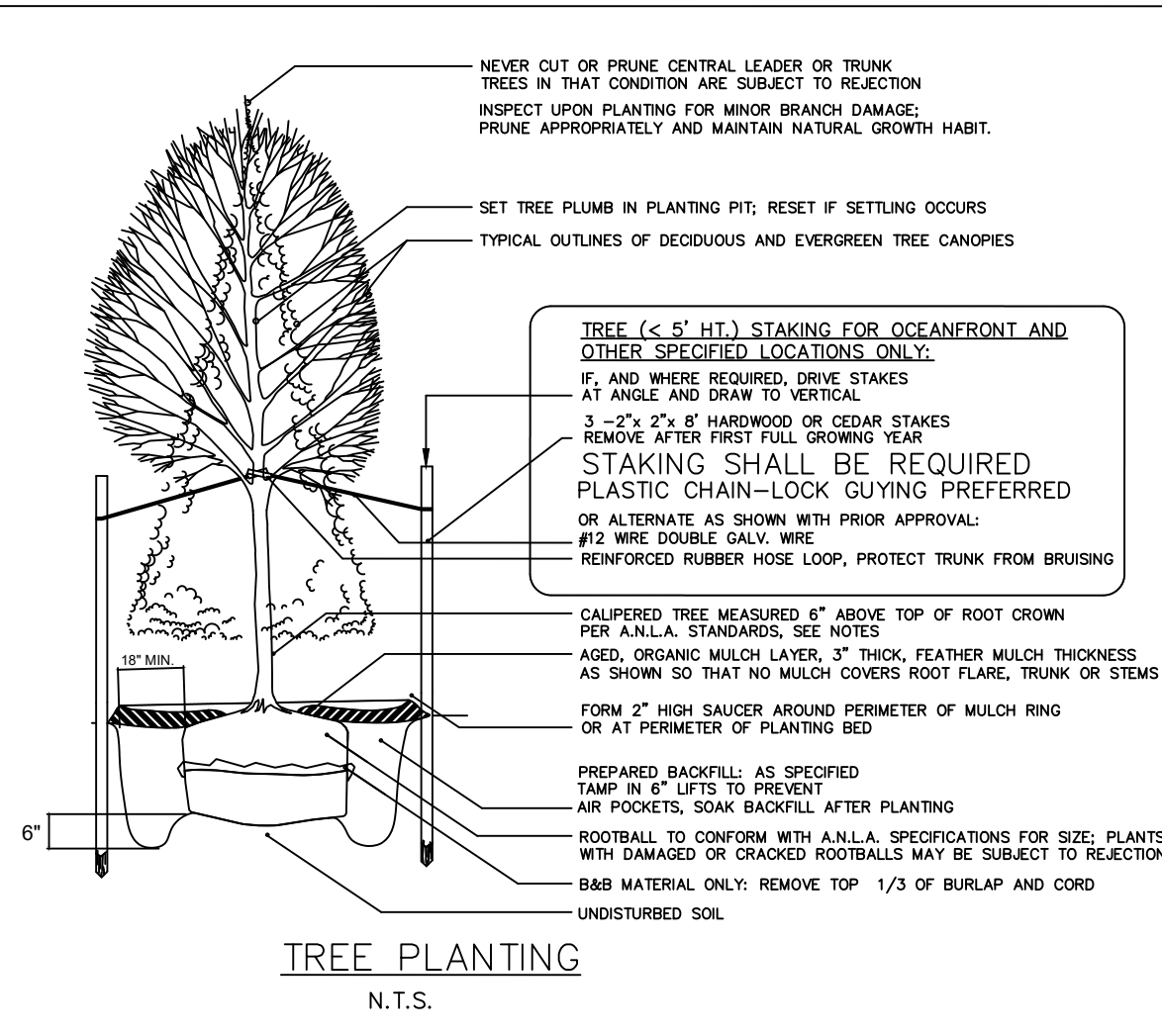
* INDICATES PLANT SPECIES WHICH WILL THRIVE WITH ADDITIONAL MOISTURE. THESE PLANTS MAY BE SET WITH SOME ADDITIONAL ORGANIC MATERIAL AND ARE BEST SERVED WITH LONGER PERIODS OF IRRIGATION. THEY ARE LIKELY TO BENEFIT FROM WIDER PLANTING PITS OF PREPARED BACKFILL MIX.

** A NUMBER OF SPECIES HAVE BEEN VEGETATIVELY PROPAGATED TO GROW WITH CONSISTENT FORM AND ATTRIBUTES. NOT ALL SO-CALLED VARIETIES ARE TRUE TO THE SPECIES WITH REGARD TO THEIR NATIVE GENETIC CONTENT AND LOCAL PROVENANCE. OFTEN HYBRIDS ARE ERRONEOUSLY OFFERED AS NATIVE SPECIES. USE OF NAMED VARIETIES MAY BE PERMITTED; HOWEVER, THEIR VARIETY MUST BE STATED AND SHALL BE TRUE TO THE PARTICULAR SPECIES LISTED IN THE SCHEDULE.

NURSERY / SUPPLIERS NOTE: SUBSTITUTIONS NOT PERMITTED WITHOUT PRIOR CONSENT; CONTACT LANDSCAPE ARCHITECT WITH SOURCING & AVAILABILITY QUESTIONS. ALL PRICE QUOTATIONS SHALL CLEARLY STATE SIZE(S) TO BE PROVIDED, AND IF UNAVAILABLE, PROVIDE ALTERNATE SIZES OR VARIETIES WHERE POSSIBLE.

PLANT TYPE KEY

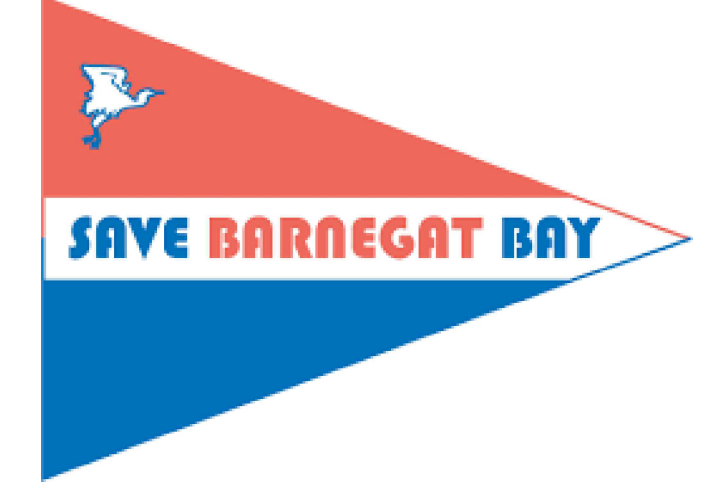
KEY	DESCRIPTION
DFF	DECIDUOUS FLOWERING PERENNIAL
DFS	DECIDUOUS FLOWERING SHRUB
DOT	DECIDUOUS ORNAMENTAL TREE
DST	DECIDUOUS SHADE TREE
EBGC	EVERGREEN BROADLEAF GROUNDCOVER
EBS	EVERGREEN BROADLEAF SHRUB
EFP	EVERGREEN FLOWERING PERENNIAL
ENT	EVERGREEN NEEDLED TREE
POG	PERENNIAL ORNAMENTAL GRASS
SES	SEMI-EVERGREEN FLOWERING SHRUB
SEFS	SEMI-EVERGREEN SHRUB



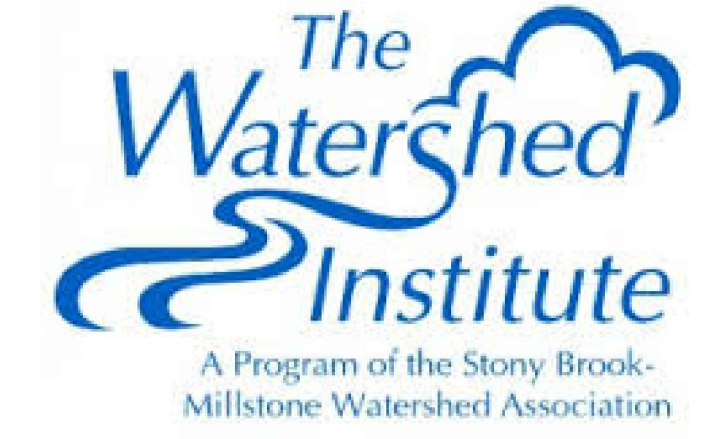
LANDSCAPE ARCHITECTURAL NOTES

- GENERAL NOTES:
 - THIS PLAN TO BE USED ONLY FOR THE PURPOSES OF LANDSCAPING.
 - CONTRACTOR SHALL EXAMINE DRAWINGS AND REQUEST A MARKOUT OF FIELD CONDITIONS FOR SPECIFIC LOCATIONS OF UTILITIES, STRUCTURES, ETC. NOTIFY THE LANDSCAPE ARCHITECT IN WRITING IMMEDIATELY, IN REFERENCE TO DISCREPANCIES OR LOCATION CONFLICTS. WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT IS REQUIRED FOR ANY SUBSTANTIVE CHANGE.
 - IN THE EVENT THAT PLANT QUANTITY DISCREPANCIES OR MATERIAL OMISSIONS OCCUR IN THE PLANTING SCHEDULE, THE PLAN SHALL SUPERSEDE.
 - ALL PLANTING MATERIALS AND METHODS SHALL MEET OR EXCEED THE REQUIREMENTS OF THE MUNICIPAL ORDINANCES OF LONG BEACH TOWNSHIP AND AND Z-601 (CURRENT VERSION), THE AMERICAN STANDARDS FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (ANLA), IN THE EVENT OF CONFLICT BETWEEN ANLA AND MUNICIPAL STANDARDS, THE MUNICIPAL REQUIREMENTS SHALL SUPERSEDE.
 - ALL LANDSCAPING SHALL BE PLANTED SO AS TO NOT INTERFERE WITH UTILITY LINES, SIGHT TRIANGLES, UNDERGROUND UTILITIES OR PUBLIC WALKWAYS OR OTHER EXISTING OR PROPOSED STRUCTURES. ALL PLANT MATERIAL PROPOSED WITHIN THE REQUIRED SIGHT DISTANCES OR SIGHT TRIANGLES ARE SELECTED SO AS TO NOT EXCEED A MATURE GREATER THAN 30' ABOVE THE ELEVATION OF THE ADJACENT ROADWAY. STREET TREES AND SHADE TREES PLANTED NEAR PEDESTRIAN OR VEHICULAR ACCESS, OR WITHIN REQUIRED SIGHT DISTANCES OR SIGHT TRIANGLE EASEMENTS SHALL NOT BE BRANCHED ANY LOWER THAN 8'-0" ABOVE GRADE, AND MUST BE APPROPRIATELY PRUNED. NO WOODY PLANTS, EXCEPT GROUNDCOVERS, ARE TO HAVE THEIR CENTERS CLOSER THAN 30' TO THE BACK OF THE CURB.
 - PLANT MATERIAL:
 - NO PLANT SUBSTITUTION SHALL BE ALLOWED WITH REGARD TO SIZE, SPECIES, NAMED VARIETY OR CULTIVAR, WITHOUT PRIOR PERMISSION IN WRITING FROM THE LANDSCAPE ARCHITECT AND THE APPROVING AUTHORITY.
 - ALL PLANTS SHALL BE DUG, PACKED, TRANSPORTED AND HANDLED WITH THE UTMOST CARE TO ENSURE ADEQUATE PROTECTION FROM INJURY OR DAMAGE.
 - ALL PLANTS SHALL BE FREE FROM DISEASE AND INFESTATION, AND ALL LEGALLY REQUIRED AGRICULTURAL CERTIFICATIONS.
 - ALL PLANTS SHALL BE PRUNED TO ENHANCE MOOR PRIOR TO, OR UPON INSTALLATION, WHILE RETAINING NATURAL GROWTH HABIT OF THE PLANTS. THE CENTRAL LEADER SHALL NOT BE CUT; PLANT PROVIDED IN THIS CONDITION SHALL NOT BE ACCEPTED. DAMAGED, BROKEN OR CONFLICTING BRANCHES SHALL BE PRUNED CLEANLY, FLUSH WITH THE MAIN TRUNK OR BRANCH.
 - ALL PLANTS SHALL BE NURSERY-GROWN AND TAGGED WITH A DURABLE LABEL INDICATING THE GENUS, SPECIES AND SPECIFIED VARIETY OR CULTIVAR. TAGS SHALL ONLY BE REMOVED UNDER DIRECTION BY THE LANDSCAPE ARCHITECT.
 - PLANTING:
 - SOIL MUST BE FROST-FREE, FRIABLE AND NOT MUDDY AT THE TIME OF PLANTING.
 - BACKFILL MATERIAL FOR PLANTING PITS SHALL BE COMPOSED OF 2/3 NATIVE SANDY SOIL AND 1/3 SUITABLE ORGANIC MATERIAL CONTAINING NO HAZARDOUS MATERIALS. ORGANIC MATERIAL OTHER THAN PEAT SHALL BE FULLY COMPOSTED TO PREVENT THE POTENTIAL OF WEEDS FROM BEING INTRODUCED TO THE SITE, AND PREVENT NITROGEN DEPLETION.
 - PLANTS SHALL BE SET TO ULTIMATE FINISHED GRADE SO THAT THEY WILL BE LEFT IN THE RELATIONSHIP TO THE SURROUNDING GROUND AS THEY HAD, PRIOR TO BEING DUG.
 - A CELLULOSE COPOLYMER GEL SHALL BE ADDED TO THE BACKFILL MATERIAL BUT SHALL NOT BE ADDED TO ANY BACKFILL SOIL TO BE PLACED IN THE UPPER 2"-3" OF THE BACKFILL, TO AVOID THE SURFACING OF GEL. THE GEL SHALL BE TERRA-SORB OR OTHER STABLE, NON-DEGRADABLE GRANULAR TYPE, SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT, AND SHALL BE USED AT A RATE RECOMMENDED BY THE MANUFACTURER.
 - ALL PROPOSED TREES SHALL BE SET IN BEDS MULCHED TO THE LIMIT OF THEIR PLANTING PITS. EXCEPT AS NOTED, ALL OTHER TYPES OF PLANTINGS SHALL BE SET IN CONTINUOUS, MASSED PLANTING BEDS, RATHER THAN SOLATED INDIVIDUALS. ALL TREE AND SHRUB BEDS SHALL EXCEED A 3" THICK APPLICATION OF A TRIPLE-SHREDDED UNWEDED HARDWOOD MULCH, FREE FROM ANY OBSCURABLE OR FOREIGN MATERIALS. THE MULCH AT THE OUTER PERIMETER OF PLANTING PITS AND BEDS SHALL BE PREPARED SO THAT A 2" HIGH RIM TO RETAIN MOISTURE IS CONSTRUCTED. THE THICKNESS OF THE MULCH SHALL BE FLATHEARED NEAR THE STEMS OR TRUNK, SO THAT THERE IS LITTLE TO NO MULCH IN DIRECT PHYSICAL CONTACT WITH THE PLANTS TRUNKS OR STEMS.
 - MAINTENANCE:
 - ALL PLANTINGS SHALL BE WATERED AS NECESSARY FOR SOUND HORTICULTURAL PRACTICE DURING THE FIRST GROWING SEASON, TO ENSURE THEIR PROPER ESTABLISHMENT.
 - IN GENERAL, SHRUBS ARE TO BE PLANTED AT INTERVALS WHICH WILL ALLOW THEM TO FULLY DEVELOP INTO CONTINUOUS MASSES OF THE INDIVIDUAL SPECIES. THEREFORE, NO PRUNING TO SHAPE, OR SHEARING IS REQUIRED OR DESIRABLE. WHERE DEAD OR CONFLICTING BRANCHING DEVELOPS, IT SHOULD BE PRUNED OUT.
 - STAKING AND GUYING WHERE USED SHALL BE REMOVED AFTER THE FIRST FULL GROWING SEASON, TO ENSURE UNOBSTRUCTED GROWTH.
- SPECIAL NOTES:
THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED 72 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK AT THE SITE.
THOROUGH IRRIGATION SHALL BE PROVIDED PRIOR TO PLANTING TO PREVENT WIKING OF MOISTURE FROM NEWLY INSTALLED PLANTS. SPECIAL EFFORTS SHALL BE TAKEN TO AVOID DAMAGE TO PREVIOUSLY INSTALLED PLANTS DURING HIGH WINDS. PLANTS SHALL BE KEPT FROM EXPOSURE TO DIRECT SUNLIGHT DURING STORAGE AND PLANTING OPERATIONS. TEMPORARY WIND-SCREENS SUCH AS WOODEN SHINGLES DRIVEN INTO THE GROUND NEAR NEW PLANTINGS MAY BE REQUIRED IN HIGHLY EXPOSED LOCATIONS.

THESE DESIGNS ENABLED THROUGH FUNDS PROVIDED BY...



AND...



BEACH ACCESS BACKDUNE PLANTING DESIGNS
HOLGATE TAXPAYERS ASSOCIATION
 WASHINGTON, PERSHING AND JACQUELINE AVENUES
 AT LONG BEACH BOULEVARD
 HOLGATE - LONG BEACH TOWNSHIP, OCEAN COUNTY, NEW JERSEY

BRYCE BENNETT LANDSCAPE ARCHITECT
 NJ LICENSED LANDSCAPE ARCHITECT No. A500039600

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BRYCE M. BENNETT - NJ LICENSED LANDSCAPE ARCHITECT DATE
 NOT VALID FOR CONTRACTOR OFFICIAL SIGNATURE AND SEAL

No. DATE DESCRIPTION BY

30 AUGUST 2016

SCALE: ONE INCH EQUALS THIRTY FEET 1"=30'

0 INCHES 1 2 3
 0 FEET 15 30 45 60 75 90

THIS IS NOT A SURVEY, BASE PLANS ADAPTED FROM TAX MAPS.