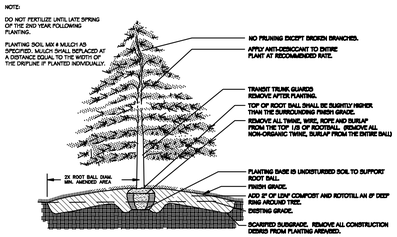
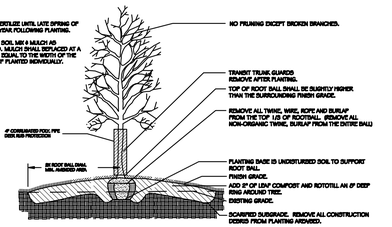
NOTE:
DO NOT FERTILIZE UNTIL LATE SPRING OF THE 2ND YEAR FOLLOWING PLANTING.
PLANTING SOIL MIX & MULCH AS SPECIFIED. MULCH SHALL BEPLACED AT A DISTANCE EQUAL TO THE WIDTH OF THE DRIPLINE 3" PLANTED INDIVIDUALLY.

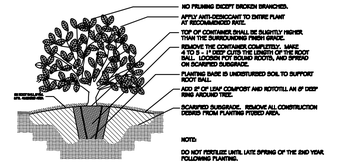


TYPICAL EVERGREEN TREE PLANTING DETAIL

NOTE:
DO NOT FERTILIZE UNTIL LATE SPRING OF THE 2ND YEAR FOLLOWING PLANTING.
PLANTING SOIL MIX & MULCH AS SPECIFIED. MULCH SHALL BEPLACED AT A DISTANCE EQUAL TO THE WIDTH OF THE DRIPLINE 3" PLANTED INDIVIDUALLY.



TYPICAL DECIDUOUS TREE PLANTING DETAIL



TYPICAL SHRUB PLANTING DETAIL

PLANTING SCHEDULE

KEY	QUAN.	BOTANICLE NAME	COMMON NAME	SIZE/REMARKS
AC	8	AMELANCHER CANADENSIS	SHADBLOW SERVICEBERRY	8'-10' HT., B&B
ARA	10	ACER RUBRUM ARMSTRONG	ARMSTRONG RED MAPLE	3 1/2" - 3" CAL., B&B
CB	4	CARPINUS BETULUS FASTIGIATA	PYRAMIDAL EUROPEAN HORNBEAM	3 1/2" - 3" CAL., B&B
CFR	2	CORNUS RUTBAN STELLAR PINK	STELLAR PINK FLOWERING DOGWOOD	8'-10' HT., B&B
LI	8	LAGERSTROEMIA INDICA TUSKEGEE	TUSKEGEE CRAPEMYRTLE	7'-8' HT., MULTI CAN
PK	8	PRUNUS SERRULATA EKWANZAN	EKWANZAN CHERRY	3 1/2" - 3" CAL., B&B
ZS	4	ZELKOVA SERRATA VILLAGE GREEN	VILLAGE GREEN ZELKOVA	3 1/2" - 3" CAL., B&B
BH	9	ILEX AQUIPERNYI MELLIE STEVENS	MELLIE STEVENS HOLLY	6'-7' HT., B&B
JH	17	JUNIPERUS CHINENSIS HETZ COLUMNARIS	UPRIGHT HETZ JUNIPER	5'-6' HT., B&B
PA	5	PICEA ABIES	NORWAY SPRUCE	6'-8' HT., B&B
TG	21	THUJA STANDISHII X PLICATA	GREEN GIANT ARBORVITAE	6'-7' HT., B&B
AD	9	AZALEA DELAWARE VALLEY WHITE	DELAWARE VALLEY WHITE AZALEA	18"-24" HT., B& CAN
BM	56	BUXUS MICROPHYLLA JAPONICA WINTER GEM	WINTER GEM BOXWOOD	18"-24" HT., B& CAN
CA	36	CORNUS ALBA ELEGANTISSIMA	VARIEGATED RED TWIG DOGWOOD	36"-60", B& CAN
CH	20	CEPHALOTAXUS HARRINTONIA DUEZ GARDENS	DUEZ GARDENS JAPANESE PLUM YEW	36"-60", B& CAN
HM	21	HYDRANGEA MACROPHYLLA SUMMERS END	SUMMERS END HYDRANGEA	36"-60", B& CAN
IG	16	ILEX GLABRA COMPACTA	COMPACT INKBERRY HOLLY	18"-24" HT., B& CAN
JG	14	JUNIPERUS CHINENSIS SEA GREEN	SEA GREEN JUNIPER	36"-60", B& CAN
JO	16	JUNIPERUS CHINENSIS OLD GOLD	OLD GOLD JUNIPER	18"-24", B& CAN
JP	82	JUNIPERUS PROCUMBENS NANA	DWARF JAPANESE GARDEN JUNIPER	12"-18", #2 CAN
PL	14	PRUNUS LAUROCERASUS SCHIPKAENSIS	SKIP LAUREL	36"-60", B& CAN
RD	36	ROSA DISPT	PINK DISPT ROSE	12"-18", #2 CAN
RK	16	ROSA KNOCKOUT	KNOCKOUT ROSE	18"-24", B& CAN
RP	7	RHODODENDRON PIM	PIM RHODODENDRON	36"-60" HT., B& CAN
SJ	34	SPIREA JAPONICA MAGIC CARPET	MAGIC CARPET SPIREA	18"-24", B& CAN
VC	11	VIBURNUM CARLESII	KOREAN SPICE VIBURNUM	5'-6' HT., B& CAN
VD	14	VIBURNUM DENTATUM BLUE MUFFIN	BLUE MUFFIN ARROWWOOD VIBURNUM	5'-6' HT., B& CAN
AS	18	ASTILBE VISIONS IN PINK	VISIONS IN PINK ASTILBE	1 GAL., #1 CAN
CZ	23	COREOPSIS X BALLIFTIONIC	UPTICK GOLD & BRONZE TICKSEED	1 GAL., #1 CAN
EP	25	ECHINACEA PURPUREA POW WOW WILDBERRY	POW WOW WILDBERRY CONEFLOWER	1 GAL., #1 CAN
HO	8	HOSTA SPECIES VARIEGATED	VARIEGATED HOSTA	1 GAL., #1 CAN
HS	51	HEMIROCALLIS STELLA DE ORO	STELLA DE ORO DAYLILY	1 GAL., #1 CAN
KF	39	CALAMAGROSTIS x ACUTIFLORA "KARL FORRESTER"	"KARL FORRESTER" FEATHER REED GRASS	2 GAL., #2 CAN
LM	67	LIRIOPE MUSCARI BIG BLUE	BIG BLUE LILYTURF	1 GAL., #1 CAN
NE	7	NEPETA FAASSENII WALKER'S LOW	WALKER'S LOW CATMINT	1 GAL., #1 CAN
PE	21	PENNISETUM ALOPECUROIDES HAMELN	DWARF FOUNTAIN GRASS	2 GAL., #2 CAN

PLANTING NOTES:

- THE FOLLOWING RECOMMENDED PLANTING PERIODS SHOULD BE ADHERED TO WHENEVER POSSIBLE: BROADLEAF AND CONIFEROUS EVERGREEN TREES, SHRUBS, VINES, AND GROUND COVERS SHALL BE PLANTED BETWEEN AUGUST 15TH AND SEPTEMBER 15TH AND BETWEEN APRIL 15TH AND MAY 15TH. DECIDUOUS TREES, SHRUBS, VINES, GROUND COVERS, AND PERENNIALS SHALL BE PLANTED BETWEENOCTOBER 15TH AND NOVEMBER 15TH AND BETWEEN MARCH 15TH AND MAY 15TH. THESE PLANTING SEASONS MAY BE EXTENDED OR SHORTENED ACCORDING TO PREVAILING WEATHER CONDITIONS, SOIL CONDITIONS, AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE.
- THE PLANTING OPERATION INCLUDES ALL LABOR, MATERIALS, PLANTS, EQUIPMENT, SHIPPING, INCIDENTALS, AND CLEAN-UP BY THE CONTRACTOR FOR THE INSTALLATION OF THE ENTIRE LANSCAPE PLAN, IN ACCORDANCE WITH DETAILS AND SPECIFICATIONS.
- IN THE EVENT THAT PLANT QUANTITY DISCREPEANCIES OR MATERIAL OMISSIONS OCCUR IN THE PLANTING SCHEDULE, THE PLAN SHALL SUPERSEDE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLANTING AT CORRECT GRADES AND ALIGNMENT.
- THE CONTRACTOR WILL EXAMINE ALL FIELD CONDITIONS FOR EXACT LOCATION OF UTILITIES, DRAINAGE SYSTES, AND IRRIGATION SYSTEMS, AND ADJUST PROPOSED PLANTINGS ACCORDINGLY.
- PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY; HAVE NORMAL GROWTH HABITS; WELL DEVELOPED BRANCHES; DENSELY FOLIATED; VIGOROUS ROOT SYSTEMS, AND BE FREE FROM DEFECTS AND INJURIES. QUALITY AND SIZE OF PLNATS, SPREAD OR ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH THE MOST RECENT ANSI Z60 "AMERICAN STANDARD FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMGE THE BARK OR BREAK BRANCHES. PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE BALL ONLY.
- GUARANTEE OF PLANT GROWTH: ALL PLANTS AND TREES SHALL BE GUARANTEED BY THE CONTRACOR TO BE IN VIGOROUS GROWING CONDITION. PROVISION SHALL BE MADE FOR A GROWTH GUARANTEE OF AT LEAST TWO (2) YEARS FOR TREES AND SHRUBS FROM THE DATE OF FINAL ACCEPTANCE OR AS REQUIRED BY THE TOWNSHIP.
- INSOFAR AS IT IS PRACTICAL, PLNAT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS NOT POSSIBLE, THE CONTRACTOR SHALL PROTECT STOCK NOT PLANTED. PLANTS SHALL NOT REMAIN UNPLNATED FOR LONGER THAN A THREE (3) DAY PERIOD AFTER DELIVERY.
- IF PLANT AVAILABILITY IS RESTRICTED, SUBSTITUTION REQUESTS SHALL BE SUBMITTED TO THE TOWNSHIP ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- PLANT RELOCATION REQUESTS SHALL BE SUBMITTED TO THE TOWNSHIP ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- ALL PLNATS SHALL BE SET PLUMB AND STRAIGT, SET AT SUCH LEVEL THAT AFTER SETTLEMENT, A NORMAL OR NATURL RELATIONSHIP TO THE CROWN OF THE PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED.
- IT IS ADVISABLE TO PRUNE APPROXIMTELY 1/3 OF THE GROWTH OF LARGE TREES (2" CALIPER AND OVER) BY THE REMOVAL OF SUPERFLUOUS BRANCHES, THOSE WHICH CROSS, THOSE WHICH RUN PARALLEL, ETC. MAIN CENTRAL LEADER SHALL NOT BE CUT OR REMOVED. LONG SIDE BRANCHES, HOWEVER, SHALL BE SHORTENED. TREES WITH THE CENTRAL LEADER PRUNED WILL BE REJECTED.
- EACH TREE AND SHRUB SHALL BE PRUNED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICE TO PRESERVE NATURAL CHARACTER OF PLANT. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS.
- ALL WIRE BASKETS SHALL BE REMOVED FROM PLANTS PRIOR TO BACKFILLING THE PLANTING PITS.
- MULCH FOR PLANTING BEDS SHALL BE DOUBLE SHREDDED ROOT MULCH. THE TREES ROOT FLARE MUST BE EXPOSED. MULCH SHALL NOT BE PLACED WITHIN 6" OF THE ROOT COLLAR. THE MINIMUM DIAMETER OF THE SCARIFIED SUB-GRADE SHALL BE 5 TIMES THE ROOT BALL DIAMETER.
- WATERING RESPONSIBILITIES SHALL BE THAT OF THE PROJECT OWNER FROM THE DATE OF FINAL ACCEPTANCE. PRIOR TO THE DATE OF FINAL ACCEPTANCE, WATERING RESPONSIBILITIES SHALL BE THAT OF THE CONTRACTOR. WATER USED FOR PLANTS SHALL BE FREE FROM IMPURITIES INJURIOUS TO VEGETATION.
- STREET TREES SHALL BE 3.5" CALIPER AND 12'-14' IN HEIGHT. ORNAMENTAL TREES SHALL BE 8'-10' IN HEIGHT MINIMUM.
- SHRUBS NOT CONSIDERED GROUNDCOVER OR COMPACT VARIETIES SHALL BE 24"-36" IN HEIGHT.
- ALL NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM THE ROOT BALLS AT THE TIME OF INSTALLATION. ALL TWINE, WIRE, ROPE, AND BURLAP FROM THE TOP 2/3 OF THE ROOT BALL SHALL BE REMOVED.
- GUY WIRES SHALL AND STAKES WILL ONLY BE UTILIZED IF CONDITIONS MERIT. ARBOR TREE TIES, OR APPROVED EQUAL, AND STAKES SHALL BE INSTALLED AS INDICATED IN DETAILS. IF UTILIZED, THEY SHOULD BE REMOVED BY THE DEVELOPER AT THE END OF THE FIRST YEARS GROWTH PERIOD.
- THE SIZES OF THE ROOT BALL/ PLANTING CONTAINERS FOR ALL PLANT /TREE SPECIES SHALL BE IN ACCORDANCE WITH ANSI Z60.1-2004.
- MYCOR TREE SAVER SHALL BE MIXED IN THE BACKFILL WHEN PLANTING TREES AND SHRUBS. IN ADDTION, HEALTHY START MACRO TABS (12-8-8) SHALL BE PLACED IN THE UPPER 4" OF BACKFILL AROUND TREES AND SHRUBS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS FOR PRODUCT USE.

PROTECT YOURSELF
A PHONE CALL CAN BE YOUR INSURANCE POLICY
BARNEGAT BAY ONE CALL SYSTEM, INC.
1-800-272-1000
CALL BEFORE YOU DIG
WHAT YOU DON'T KNOW CAN HURT YOU.
THE STATE OF NEW JERSEY REQUIRES NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE ENTIRE SURFACE ANYWHERE IN THE STATE.

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

NOTICE
THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR USE ONLY BY THE PARTY FOR WHOM THE WORK WAS CONTRACTED OR TO WHOM IT IS CERTIFIED.
THIS DRAWING MAY NOT BE COPIED, REUSED, DISCLOSED, DISTRIBUTED OR RELIED UPON FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF DAVID A. STIRES ASSOCIATES, LLC.
COPYRIGHT 2023 DAVID A. STIRES ASSOCIATES, LLC
ALL RIGHTS RESERVED

HENRY S. HINTERSTEIN, LLA, PP
Landscape Architect
71 EDEN AVENUE, EDISON
NEW JERSEY 08817
1/3/23
HENRY S. HINTERSTEIN
NEW JERSEY LICENSED LANDSCAPE ARCHITECT
LIC. NO. 00729

DATE	REVISION	BY
2/6/23	REVISED PER BOROUGH COMMENTS	SMT
1/3/23	REVISED PER BOROUGH COMMENTS	SMT

DAS
DAVID A. STIRES ASSOCIATES, LLC.
ENGINEERS - SURVEYORS - PLANNERS - ENVIRONMENTALISTS
678 US HWY 202/206 N, SUITE 6
BRIDGEWATER, N.J. 08807
PHONE: (908)252-7000
www.dastires.com

GEORGE H. FOLK
PROFESSIONAL ENGINEER
N.J. LICENSE No. 35258
DATE 10/10/22
Certificate of Authorization #: 24GA28088800
CAUTION: If this document does not contain the raised impression seal of a professional, it is not an authorized original document and may have been altered.

DESIGNED BY: GHF
DRAWN BY: SMT
CHECKED BY: GHF
SCALE: 1" = 20'

LANDSCAPE PLAN

LOTS 25, 26.01, 27 & 27.01 BLOCK 116.01
LOT 3 BLOCK 112
BOROUGH OF RARITAN SOMERSET COUNTY NEW JERSEY

PROJECT No. 15147
SHEET NUMBER 9 OF 12

S:\JC-ID\ DWGS\AVAOTY\dwg\15147-SP3.dwg, 2/7/2023 10:15:14 AM, DWG To PDF.pc3