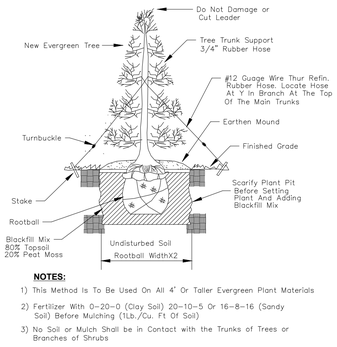
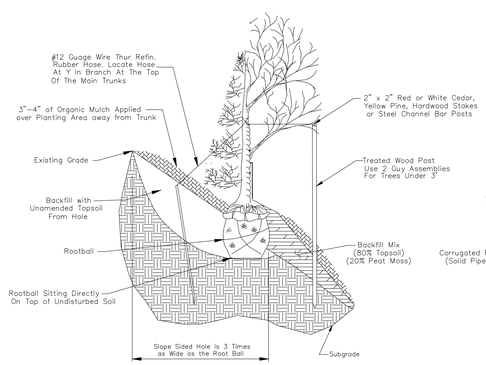


NOTES:

1) This Method Is To Be Used On All 4' Or Taller Evergreen Plant Materials
2) Fertilizer With 0-20-0 (Clay Soil) 20-10-5 Or 16-8-16 (Sandy Soil) Before Mulching (1Lb./Cu. Ft Of Soil)
3) No Soil or Mulch Shall be in Contact with the Trunks of Trees or Branches of Shrubs

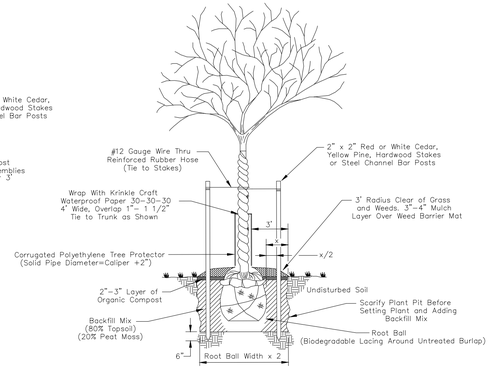
EVERGREEN TREE PLANTING DETAIL

N.T.S.



STEEP SLOPE TREE PLANTING DETAIL

N.T.S.



NOTES:

1) Fertilize With 0-20-0 (Clay Soil), 20-10-5 or 16-8-16 (Sandy Soil) Before Mulching (1 lb./cu. ft. of Soil)
2) Tree Trunk Flare shall be a or Slightly Above Grade
3) No Soil or Mulch Shall be in Contact with the Trunks of Trees or Branches of Shrubs

TREE PLANTING DETAIL

N.T.S.

LANDSCAPING NOTES:

SITE LANDSCAPING

BY ORDINANCE ONE TREE FOR EACH 500 S.F. OF NEW IMPERVIOUS SURFACE IS REQUIRED. TREES REQUIRED MAY BE PLACED ON FILL SLOPES, EDGE PLANTINGS, AND BUFFERS. TREES PLANTED WITHIN THESE AREAS SHALL BE A MIX OF NATIVE SPECIES APPROVED BY THE TOWNSHIP DIRECTOR OF COMMUNITY DEVELOPMENT.

REMOVAL OF DEBRIS

ALL STUMPS AND OTHER TREE PARTS, LITTER, BRUSH, WEEDS, EXCESS OR SCRAP BUILDING MATERIALS OR OTHER DEBRIS SHALL BE REMOVED FROM THE PLANTING SCREEN AREA/BUFFER YARD AND DISPOSED OF IN ACCORDANCE WITH TOWNSHIP REGULATIONS. NO TREE STUMPS, OR PORTIONS OF TREE TRUNKS OR LIMBS SHALL BE BURIED ANYWHERE WITHIN THE PLANTING SCREEN AREA/BUFFER YARD. IF TREES AND LIMBS ARE REDUCED TO CHIPS, THEY MAY BE USED AS MULCH IN THE PLANTING SCREEN AREA ONLY UPON APPROVAL BY THE TOWNSHIP DIRECTOR OF COMMUNITY DEVELOPMENT.

SLOPE PLANTINGS

LANDSCAPING OF ALL CUTS AND FILLS SHALL BE SUFFICIENT TO PREVENT EROSION AND ALL EMBANKMENT SLOPES STEEPER THAN ONE (1) FOOT VERTICAL TO TWO (2) FEET HORIZONTAL SHALL BE PLANTED WITH SUITABLE GROUND COVER IN ACCORDANCE WITH THE PENN STATE AGRONOMY GUIDE. SAID GROUND COVER SHALL INCLUDE SPRING OATS (96 lbs/ac), WINTER WHEAT (120 lbs/ac), OR WINTER RYE (112 lbs/ac). THE BASE MIXTURE SHALL BE AUGMENTED WITH BIRDSFOOT TREFOIL (10 lbs/ac), TALL FESCUE (35 lbs/ac), AND REDTOP (3 lbs/ac).

INSTALLATION AND MAINTENANCE

ALL PLANTING MATERIALS REQUIRED SHALL BE FURNISHED BY THE DEVELOPER, INSTALLED IN A GOOD WORKMANSHIP LIKE MANNER AND IN ACCORDANCE WITH ACCEPTED AND GOOD PLANTING PROCEDURES, AND MAINTAINED BY THE DEVELOPER IN ACCORDANCE WITH ANSI STANDARDS. PLANTINGS SHALL BE OF HEALTHY STOCK AND SHALL BE WATERED REGULARLY BY THE DEVELOPER AND IN A MANNER APPROPRIATE FOR THE SPECIFIC PLANT SPECIES THROUGH THE FIRST GROWING SEASON. DEAD AND DYING LANDSCAPING SHALL BE REPLACED BY THE DEVELOPER TO THE SATISFACTION OF THE TOWNSHIP MANAGER OR OTHER TOWNSHIP OFFICIAL DESIGNATED BY TOWNSHIP COUNCIL, DURING THE NEXT GROWING SEASON. NO BUILDINGS, STRUCTURES, STORAGE OF MATERIALS, OR PARKING SHALL BE PERMITTED WITHIN THE PLANTING SCREEN AREA. THE PLANTING SCREEN AREA SHALL BE MAINTAINED BY THE DEVELOPER SO AS TO PRESENT A HEALTHY, NEAT AND ORDERLY APPEARANCE AND SHALL BE KEPT FREE OF ALL DEBRIS & RUBBISH. PLANTINGS SHALL BE AS PER THE APPROVED PLAN. ANY SUBSTITUTIONS SHALL BE APPROVED IN WRITING BY THE TOWNSHIP DIRECTOR OF COMMUNITY DEVELOPMENT PRIOR TO INSTALLATION BY THE DEVELOPER.

GUYING AND STAKING

GUYS OR STAKES SHALL BE SECURED TO THE TREE USING A WIRE THROUGH A HOSE AND ATTACHING THE GUY OR STAKE WIRES AT THAT POINT. BARE WIRE SHALL NOT BE USED. TREES UP TO THREE (3) INCHES IN DIAMETER MAY BE SUPPORTED BY STAKES, HOWEVER TREES OF LARGER SIZE SHALL REQUIRE GUY WIRES. NORMAL ATTACHMENT IS AT TWO-THIRDS THE HEIGHT OF THE TREE. TO AVOID GIRDLING THE TREE STEM, GUYS AND STAKES SHOULD BE REMOVED AFTER ONE YEAR OR EARLIER IF THE WIRE CAUSES DAMAGE.

MULCHING

ALL PLANTINGS SHALL BE MULCHED THOROUGHLY WITH FOUR (4) INCHES OF WOOD CHIPS. MULCH SHALL BE MAINTAINED IN GOOD CONDITION BY THE DEVELOPER FOR A MINIMUM OF ONE (1) YEAR AFTER PLANTING

STREET TREE NOTES & CALCULATIONS

1) SECTION 145-52.B OF THE ZONING ORDINANCE REQUIRES THE PLANTING OF ONE (1) STREET TREE FOR EVERY 100 FEET OF ROADWAY FRONTAGE, IF EXISTING TREES ALONG ROADWAYS ARE NOT RETAINED OR DO NOT EXIST.

BUFFER YARD NOTES

A) BUFFER YARD PLANTING SCREEN LANDSCAPE SCHEME SHALL BE UTILIZED WHERE EXISTING GROUND COVER INCLUDING GRASS, SHRUBS, AND TREES DOES NOT SERVE AS A BARRIER TO VISIBILITY, GLARE AND NOISE AS REQUIRED.

B) REPLACE TREES AS NECESSARY IF DISTURBED DURING CONSTRUCTION.

C) ALL PLANTINGS SHALL BE LOCATED APPROXIMATELY 10 FEET FROM ALL WATER LINES. THE FINAL LOCATIONS SHALL BE COORDINATED BY THE DEVELOPER WITH THE LOWER SAUCON AUTHORITY.

D) SUBSTITUTION OF ANY OTHER SPECIES SHALL BE APPROVED IN WRITING BY THE TOWNSHIP DIRECTOR OF COMMUNITY DEVELOPMENT.

EXHIBIT

BLC 73

NOTES:

1) Do Not Prune Evergreens Except to Remove Dead or Broken Branches.
2) Thin Branches and Foliage (Not All Branch Tips) By 1/3 Retaining Normal Plant Shape (Except Evergreens).
3) Remove Burlap From Top 1/3 of Ball, or With Container Plants. Remove or Split Container as Specified.
4) No Soil or Mulch Shall be in Contact with the Trunks of Trees or Branches of Shrubs.

SHRUB PLANTING - (SINGLE)

N.T.S.

PLANT_SCHEDULE_50'_PLANTING_SCREEN

TREES	QTY	BOTANICAL NAME / COMMON NAME	CONT
AR		Acer rubrum / Red Maple	1 1/2" Caliper B&B
IO		Ilex opaca / American Holly	5' B&B
JV		Juniperus virginiana / Eastern Red Cedar	5' Ht. Container
OV		Ostrya virginiana / American Hophornbeam	1 1/2" Caliper B&B
PS		Pinus strobus / White Pine	5' Ht. B&B
PR		Prunus serotina / Black Cherry	1 1/2" Caliper B&B
QR		Quercus rubra / Red Oak	1 1/2" Caliper B&B

SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE
IG		Ilex glabra / Inkberry Holly	36" Ht Cont.
VP		Viburnum prunifolium / Blackhaw Viburnum	36" Ht Cont.

PLANT_SCHEDULE_15'_EDGE_PLANTING

TREES	QTY	BOTANICAL NAME / COMMON NAME	CONT
CC		Cercis canadensis / Eastern Redbud Multi-trunk	1 1/2" Caliper B&B
IO		Ilex opaca / American Holly	5' B&B
JV		Juniperus virginiana / Eastern Red Cedar	5' Ht. Container
OV		Ostrya virginiana / American Hophornbeam	1 1/2" Caliper B&B

SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE
VW		Viburnum cassinoides / Witherod Viburnum	36" Ht Cont.
VP		Viburnum prunifolium / Blackhaw Viburnum	36" Ht Cont.

PLANT_SCHEDULE_FILL-SLOPE

TREES	QTY	BOTANICAL NAME / COMMON NAME	CONT
AR		Acer rubrum / Red Maple	1 1/2" Caliper B&B
CC		Cercis canadensis / Eastern Redbud Multi-trunk	1 1/2" Caliper B&B
LT		Liriodendron tulipifera / Tulip Tree	1 1/2" Caliper B&B
NS		Nyssa sylvatica / Black Gum	1 1/2" Caliper B&B
OV		Ostrya virginiana / American Hophornbeam	1 1/2" Caliper B&B
PS		Pinus strobus / White Pine	5' Ht. B&B
PR		Prunus serotina / Black Cherry	1 1/2" Caliper B&B
QR		Quercus rubra / Red Oak	1 1/2" Caliper B&B
TO		Thuja occidentalis / Eastern Cedar	5' Ht. B&B

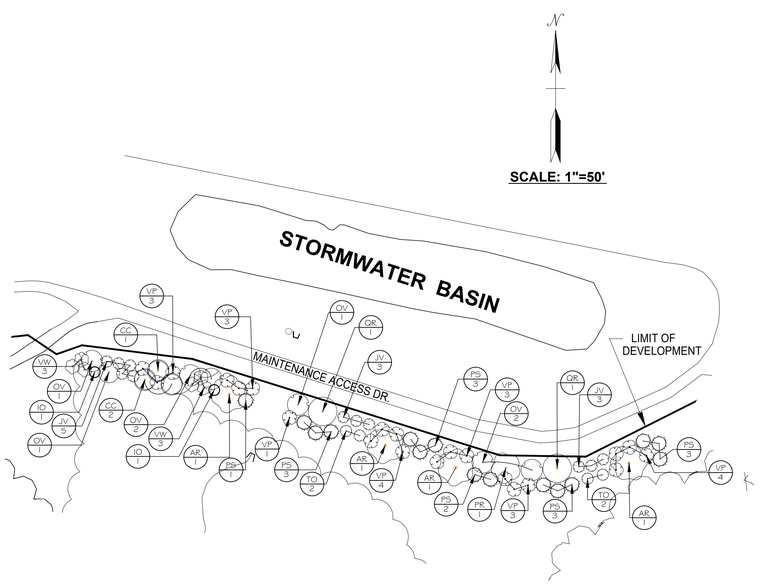
PLANT_SCHEDULE_SUPPLEMENTAL_TREE_PLANTING

TREES	QTY	BOTANICAL NAME / COMMON NAME	CONT
CC		Cercis canadensis / Eastern Redbud Multi-trunk	1 1/2" Caliper B&B
OV		Ostrya virginiana / American Hophornbeam	1 1/2" Caliper B&B
PS		Pinus strobus / White Pine	5' Ht. B&B

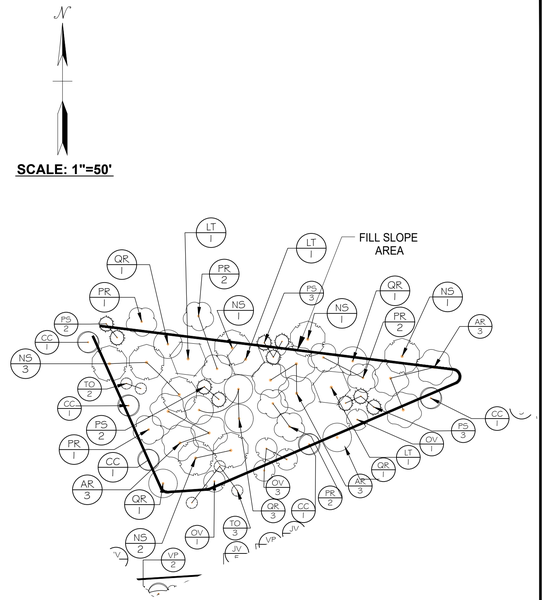
PLANT_SCHEDULE_BASIN_SCREEN

TREES	QTY	BOTANICAL NAME / COMMON NAME	CONT
AR		Acer rubrum / Red Maple	1 1/2" Caliper B&B
CC		Cercis canadensis / Eastern Redbud Multi-trunk	1 1/2" Caliper B&B
IO		Ilex opaca / American Holly	5' B&B
JV		Juniperus virginiana / Eastern Red Cedar	5' Ht. Container
OV		Ostrya virginiana / American Hophornbeam	1 1/2" Caliper B&B
PS		Pinus strobus / White Pine	5' Ht. B&B
PR		Prunus serotina / Black Cherry	1 1/2" Caliper B&B
QR		Quercus rubra / Red Oak	1 1/2" Caliper B&B
TO		Thuja occidentalis / Eastern Cedar	5' Ht. B&B

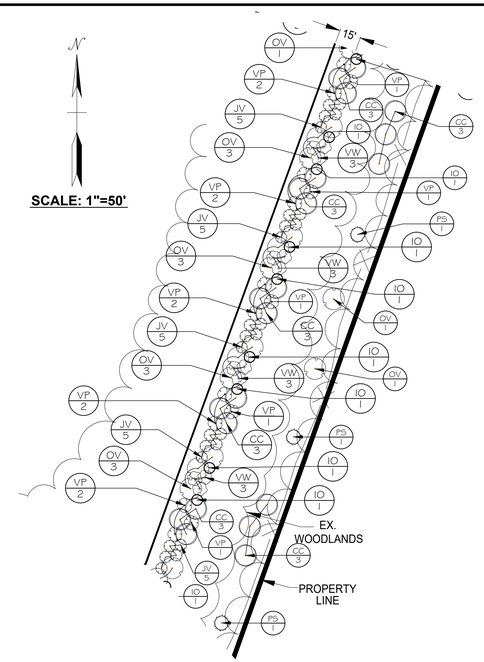
SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	SIZE
VW		Viburnum cassinoides / Witherod Viburnum	36" Ht Cont.
VP		Viburnum prunifolium / Blackhaw Viburnum	36" Ht Cont.



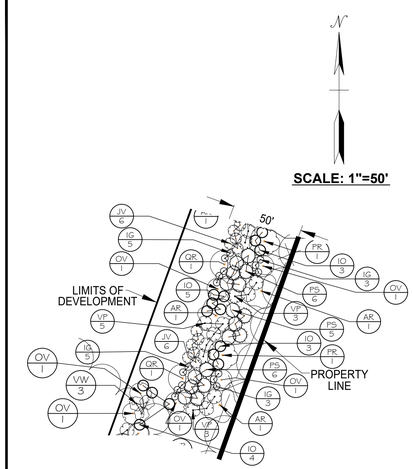
BASIN SCREEN



FILL SLOPE PLANTINGS



15' EDGE PLANTINGS AND SUPPLEMENTAL PLANTINGS



50' PLANTING SCREEN

NO.	REVISION	DATE

TYPICAL LANDSCAPING NOTES & DETAILS

NORTHAMPTON CO.

LOWER SAUCON TWP.

BETHLEHEM LANDFILL PHASE V EXPANSION CONDITIONAL USE APPLICATION PLAN

Bethlehem Landfill Company

PENNSYLVANIA

martin and martin incorporated
37 south main street suite A
chambersburg, pennsylvania . 17201
phone: (717) 264-6759

SCALE: AS NOTED

DWN. BY: DB
CHK. BY: RMB
PROJ. NO. 1162.3
DSN. BY: JM

CADD FILE: 1162.6-PLANTINGS.dwg

DATE: 03/18/23

SCALE: AS NOTED

DRAWING NO.

1 of 1

FILE: 1162.6 (PHASE 5 ZONING PLAN) 1162.6-PLANTINGS.dwg