

TABLES SHOWN BELOW INDICATE PLANTING SIZES FOR PLANT LIST
BASIN K AND BUFFER PLANT SHOWN ON SHEET SMW - PHASE 1 - 14
PREPARED BY ARE STANTEC CONSULTING SERVICES, INC.

PLANT LIST BASIN K

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY.
TLA	TYPHA SP.	CATTAIL	TUBES	SPACED EVENLY	100
SAC	SCIRPUS ACUTUS	HARDSTEM BULRUSH	TUBES	SPACED EVENLY	345
DVE	IRIS VERSICOLOR	BLUE FLAG IRIS	TUBES	SPACED EVENLY	75
ARE	ALNUS REGOSA	SPECKLED ALDER	7 GAL.	AS SHOWN	0
ARU	ACER RUBRUM	RED MAPLE	15 GAL.	AS SHOWN	0
BNI	BETULA NIGRA	RIVER BIRCH	N/A	N/A	0
CSE	CORNUS SERICEA 'CARDINAL'	RED OSIER DOGWOOD	N/A	N/A	0
COG	CERPAANTHUS OCCIDENTALIS	BUTTERNUT	N/A	N/A	0
DVE	IRIS VERTICILLATA	WINTERBERRY	3" - 4"	N/A	18
GRI	GINKGO BILOBA	GINKGO	2-1/2' - 3" CAL.	AS SHOWN	0
SAL	SALIX 'FLAME'	WILLOW	3' - 4"	AS SHOWN	0

A.B.-XX"= AQUATIC BENCH-XX" WIDE

BUFFER PLANT LIST

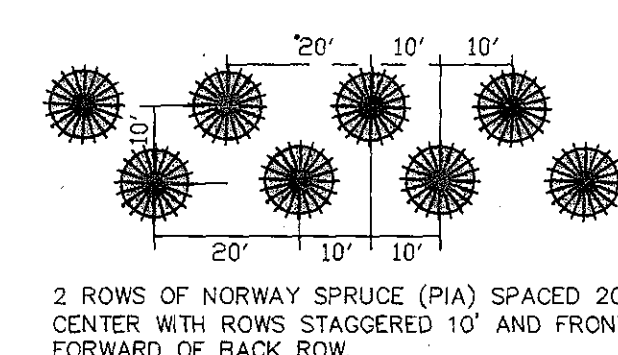
SYMBOL	BOTANICAL NAME	COMMON NAME	PLANTED SIZE	MATURE SIZE	SPACING	QUANTITY
LIO	LIGULSTRUM OBTUSIFOLIA	BORDER PRIVET	2-3' HT.	15'-25'	AS SHOWN	4
HAV	HAMAMELIS VIRGINIANA	COMMON WITCH HAZEL	4-5' HT.	15'-30'	AS SHOWN	5
AMC	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	4-5' HT.	6'-20'	AS SHOWN	4
ILG	ILEX GLABRA	INKBERRY	1.5-2' HT.	6'-8'	AS SHOWN	9
VLD	VIBURNUM DENTATUM	ARROWWOOD	2-3' HT.	6'-15'	AS SHOWN	15
ILX	ILEX X MESSERIAE	MESERVE HYBRID HOLLIES	2-3' HT.	10'	AS SHOWN	5
COA	CORNUS ANOMUM	SILKY DOGWOOD	2-3' HT.	6'-10'	AS SHOWN	8
PIF	PIRUS FLEXILIS	LIMBER PINE	6-8' HT.	40'-50'	AS SHOWN	4
MYP	MYRICA PENSYLVANICA	BAYBERRY	2-3' HT.	5'-12'	AS SHOWN	6
ILV	ILEX VERTICILLATA	COMMON WINTERBERRY	2-3' HT.	6'-10'	AS SHOWN	24
PIN	PIRUS NIGRA	AUSTRIAN PINE	6-8' HT.	50'-60'	AS SHOWN	8
PSI	PRINUS SEROTINA	BLACK CHERRY	4-5' HT.	50'-60'	AS SHOWN	3
PSI	PIRUS SYLVESTRIS	SCOTCH PINE	5-6' HT.	30'-40'	AS SHOWN	11
PTT	PIRUS STROBUS	EASTERN WHITE PINE	6-8' HT.	50'-80'	AS SHOWN	3
PIA	PIRUS ABIES	NORWAY SPRUCE	5-6' HT.	40'-60'	AS SHOWN	8
JUV	JUNIPEROUS VIRGINIANA	EASTERN RED CEDAR	4-6' HT.	40'-50'	AS SHOWN	12
FOX	FORSTHIA X INTERMEDIA	BORDER FORSTHIA	2-3' HT.	8'-10'	AS SHOWN	5

STREET TREES AND ADDITIONAL BUFFER PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	PLANTED SIZE	MATURE SIZE	SPACING	QUANTITY
CL	GINOBILOBA (MALE)	MAIDENHAIR TREE	10-12' HT.	50'-70'	AS SHOWN	15
CZ	ACER SACCHARINUM	SUGAR MAPLE	10-12' HT.	50'-70'	AS SHOWN	18
PIA	PIRUS ABIES	NORWAY SPRUCE	6-8' HT.	40'-60'	AS SHOWN	75

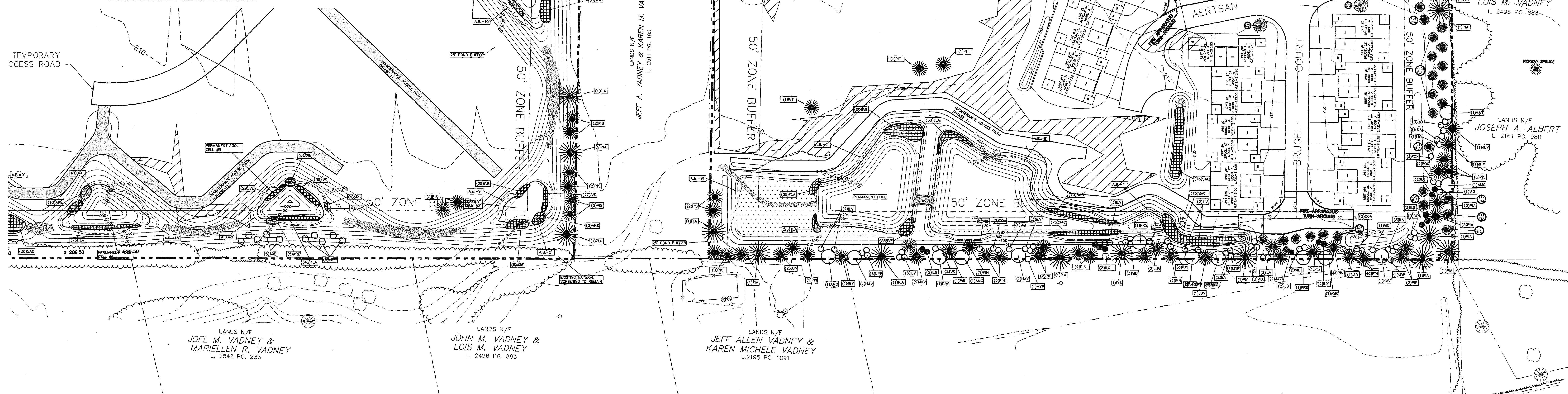
- INDICATES TYPE, LOCATION AND NUMBER OF ADDITIONAL PLANTINGS TO BE INSTALLED IN ADDITION TO THE PLANTINGS AS SHOWN ON THE PLANS THAT WERE APPROVED BY THE PLANNING BOARD ON OCTOBER 19, 2010.
- INDICATES TYPE, LOCATION AND NUMBER OF PLANTINGS TO BE INSTALLED AS SHOWN ON PLANS APPROVED OCTOBER 19, 2010.
- INDICATES TYPE AND LOCATION OF EXISTING PLANTINGS.

NOTE:
LANDSCAPING DATA SHOWN ON THIS SHEET ARE TO BE USED IN CONJUNCTION WITH DATA SHOWN ON SHEETS SMW - PHASE 1 - 14 AND 15 OF THE PLANS PREPARED BY STANTEC CONSULTING SERVICES, INC., SAID PLANS WERE CONDITIONALLY APPROVED BY THE PLANNING BOARD ON OCTOBER 19, 2010.

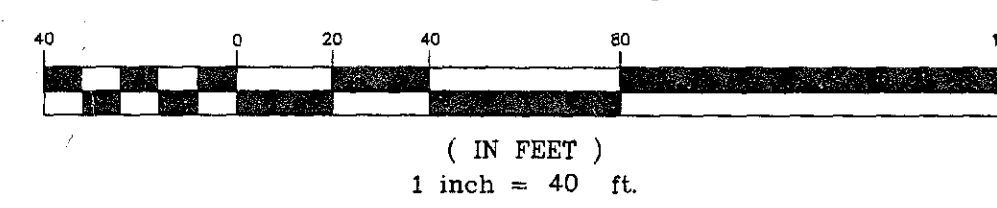


TYPICAL SPACING FOR NORWAY SPRUCE BUFFER PLANTING

TEMPORARY ACCESS ROAD



GRAPHIC SCALE



Town of Bethlehem, NY



ALBANY COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH SERVICE
By direction of the Commissioner of Health, these plans are hereby approved. See first sheet for date and signature.

TOWN OF BETHLEHEM
PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK
This Site Plan Approved:
Date: 07/13/12
SPA 165 WA

REV. No.	DATE	DESCRIPTION	BY

BEA BREWER ENGINEERING ASSOCIATES, P.C.
CONSULTING ENGINEERS * PLANNERS
743 COLUMBIA TURNPIKE, EAST GREENBUSH, NEW YORK 12061
PHONE: 518.477.5253 FAX: 518.477.5233

DESIGNED BY: DVB
DRAWN BY: TDS
CHECKED BY: TDS
APPROVED BY: TDS
SCALE: AS SHOWN
DATE: 02/15/12
ISSUED:

**VAN DYKE SPINNEY - PHASE 1
BUFFER LANDSCAPING PLAN**
TOWN OF BETHLEHEM COUNTY OF ALBANY
STATE OF NEW YORK

DRAWING NUMBER:
4
APR: 11-03