PLANT SCHEDULE - NET FILL COMPENSATION AREA REFORESTATION

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
SHADE TREE(S)						
AR	32	ACER RUBRUM	RED MAPLE	2.5" CAL.	B+B	-
LS	44	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEETGUM	2.5" CAL.	B+B	-
NS	37	NYSSA SYLVATICA	BLACK GUM	2.5" CAL.	B+B	-
QP	24	QUERCUS PHELLOS	WILLOW OAK	2.5" CAL.	B+B	-
EVERGREEN TREE(S)						
IO	65	ILEX OPACA	AMERICAN HOLLY	6-8' HEIGHT	B+B	SPACED 8' O.C.
JV	93	JUNIPERUS VIRGINIANA	EASTERN REDCEDAR	6-8' HEIGHT	B+B	SPACED 8' O.C.
MV	43	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	6-8' HEIGHT	B+B	SPACED 8' O.C.
TG	29	THUJA PLICATA x 'GREEN GIANT'	GREEN GIANT ARBORVITAE	6-8' HEIGHT	B+B	SPACED 8' O.C.

NOTE:
1. IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.
2. REFER TO SHEET C-10 FOR SEED MIX COMPOSITIONS

TREE REMOVAL SCHEDULE (NORTH):

EXISTING TREES TO BE REMOVED(EMERGENCY ACCESS EASEMENT

QUANTITY:	DBH (Inches):	DISCRIPTION:
1	24"	TREE
3	12"	TREE
5	16"	TREE
6	18"	TREE
6	10"	TREE
6	14"	TREE
2	20"	TREE
29	TOTAL	

TOTAL TREES TO BE REMOVED IN THE EMERGENCY ACCESS EASEMENT AREA: 29 TREES

TREE REMOVAL SCHEDULE (WEST):

EXISTING TREES TO BE REMOVED (PROPOSED SITE PLAN AREA)

QUANTITY:	DBH (Inches):	SPECIES:	COMMON NAME:
1	30"	*Fraxinus, sp.*	Ash
1	8"	*Fagus, sp.*	Beech
1	12"	*Fagus, sp.*	Beech
2	8"	*Betula, sp.*	Birch
1	18"	*Betula, sp.*	Birch
3	8"	*Thuja, sp.*	Cedar
1	10"	*Thuja, sp.*	Cedar
3	12"	*Thuja, sp.*	Cedar
1	16"	*Thuja, sp.*	Cedar
1	18"	*Thuja, sp.*	Cedar
1	10"	*Dead*	Dead
3	12"	*Dead*	Dead
1	14"	*Dead*	Dead
1	16"	*Dead*	Dead
1	22"	*Dead*	Dead
1	42"	*Dead*	Dead
1	8"	*Ulmus, sp.*	Elm
2	10"	*Ulmus, sp.*	Elm
1	12"	*Ulmus, sp.*	Elm
1	18"	*Ulmus, sp.*	Elm
1	24"	*Ulmus, sp.*	Elm
2	30"	*Ulmus, sp.*	Elm
1	48"	*Ulmus, sp.*	Elm
2	8"	*Ilex, sp.*	Holly
1	10"	*Ilex, sp.*	Holly
1	12"	*Ilex, sp.*	Holly
1	8"	*Acer, sp.*	Maple
2	10"	*Acer, sp.*	Maple
5	12"	*Acer, sp.*	Maple
1	14"	*Acer, sp.*	Maple
1	16"	*Acer, sp.*	Maple
3	24"	*Acer, sp.*	Maple
1	30"	*Acer, sp.*	Maple
1	36"	*Acer, sp.*	Maple
1	42"	*Acer, sp.*	Maple
1	8"	*Quercus, sp.*	Oak
2	10"	*Quercus, sp.*	Oak
6	12"	*Quercus, sp.*	Oak
1	14"	*Quercus, sp.*	Oak
1	16"	*Quercus, sp.*	Oak
2	20"	*Quercus, sp.*	Oak
1	22"	*Quercus, sp.*	Oak

TREE REMOVAL SCHEDULE (WEST):

EXISTING TREES TO BE REMOVED (PROPOSED SITE PLAN AREA)

3	24"	*Quercus, sp.*	Oak
1	26"	*Quercus, sp.*	Oak
1	28"	*Quercus, sp.*	Oak
1	30"	*Quercus, sp.*	Oak
2	16"	*Pinus, sp.*	Pine
1	18"	*Pinus, sp.*	Pine
2	24"	*Pinus, sp.*	Pine
1	30"	*Pinus, sp.*	Pine
1	8"	*Populus, sp.*	Poplar
1	36"	*Populus, sp.*	Poplar
1	12"	*Sassafras albidum*	Sassafras
1	12"	*Picea, sp.*	Spruce
1	8"	*Rhus, sp.*	Sumac
1	8"	*Liquidambar styraciflua*	Sweetgum
1	10"	*Liquidambar styraciflua*	Sweetgum
1	12"	*Liquidambar styraciflua*	Sweetgum
1	16"	*Liquidambar styraciflua*	Sweetgum
1	24"	*Liquidambar styraciflua*	Sweetgum
3	8"	*Juglans nigra*	Black Walnut
1	9"	*Juglans nigra*	Black Walnut
5	12"	*Juglans nigra*	Black Walnut
1	16"	*Quercus phellos*	Willow Oak
1	20"	*Quercus phellos*	Willow Oak

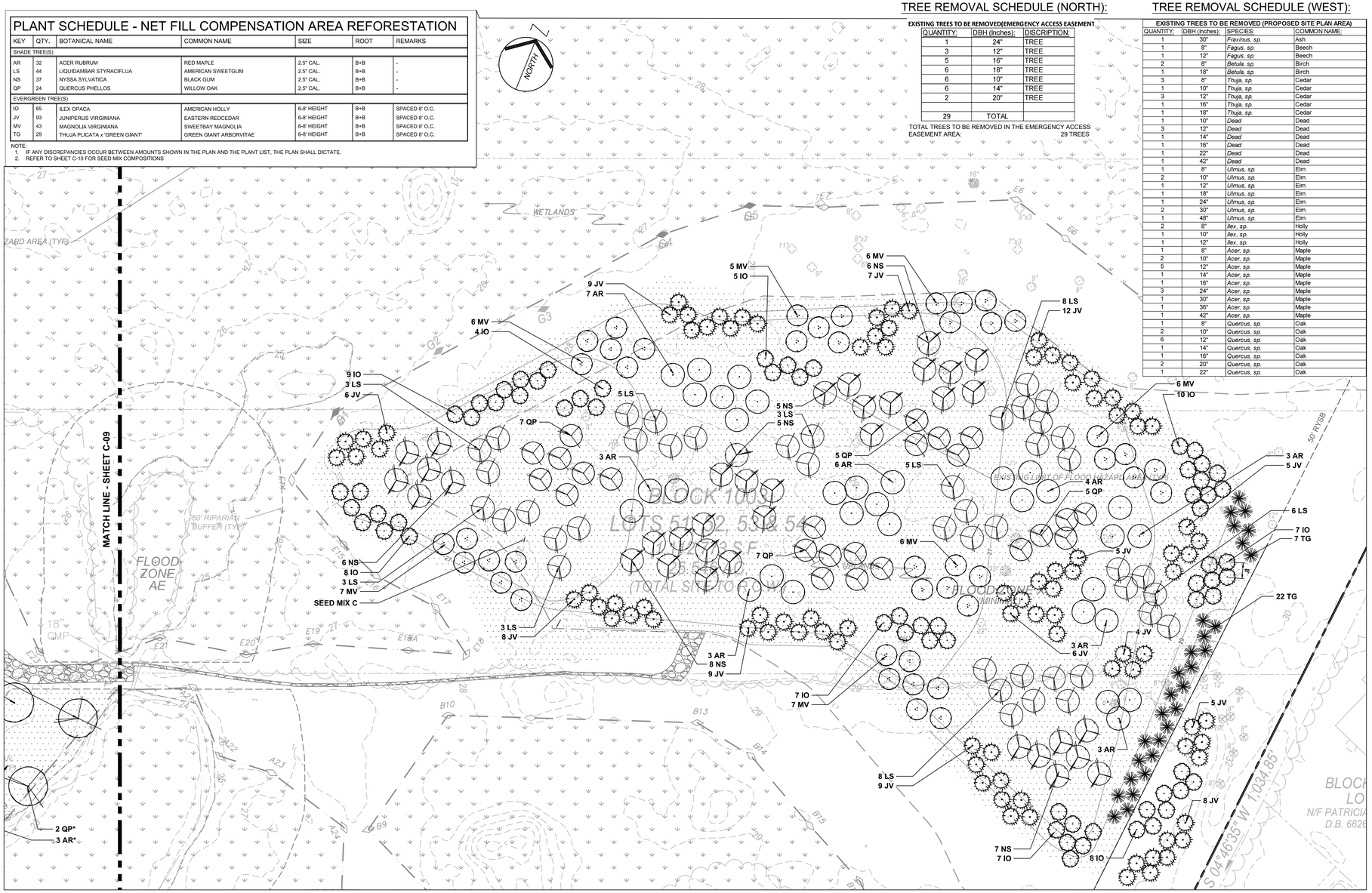
TOTAL LIVING TREES TO BE REMOVED IN PROPOSED SITE PLAN AREA: 91 TREES
TOTAL DEAD TREES TO BE REMOVED IN PROPOSED SITE PLAN AREA: 8 TREES
OVERALL TOTAL TREES TO BE REMOVED IN PROPOSED SITE PLAN AREA: 99 TREES

TREE REMOVAL SCHEDULE (EAST):

EXISTING TREES TO BE REMOVED (NET FILL COMPENSATION AREA)

QUANTITY:	DBH (Inches):	SPECIES:	COMMON NAME:
2	5"	*Fraxinus, sp.*	Ash
2	6"	*Fraxinus, sp.*	Ash
4	8"	*Fagus, sp.*	Beech
1	10"	*Fagus, sp.*	Beech
1	20"	*Fagus, sp.*	Beech
1	22"	*Fagus, sp.*	Beech
4	8"	*Betula, sp.*	Birch
1	9"	*Betula, sp.*	Birch
1	6"	*Catalpa, sp.*	Catalpa
1	7"	*Prunus, sp.*	Cherry
2	8"	*Prunus, sp.*	Cherry
6	5"	*Dead*	Dead
2	6"	*Dead*	Dead
3	7"	*Dead*	Dead
1	8"	*Dead*	Dead
1	10"	*Dead*	Dead
1	12"	*Dead*	Dead
1	14"	*Dead*	Dead
1	15"	*Dead*	Dead
1	24"	*Dead*	Dead
6	5"	*Ulmus, sp.*	Elm
5	6"	*Ulmus, sp.*	Elm
2	8"	*Ulmus, sp.*	Elm
1	10"	*Ulmus, sp.*	Elm
2	12"	*Ulmus, sp.*	Elm
2	16"	*Ulmus, sp.*	Elm
6	5"	*Ilex, sp.*	Holly
4	6"	*Ilex, sp.*	Holly
1	8"	*Ilex, sp.*	Holly
10	5"	*Acer, sp.*	Maple
8	6"	*Acer, sp.*	Maple
5	7"	*Acer, sp.*	Maple
8	8"	*Acer, sp.*	Maple
9	10"	*Acer, sp.*	Maple
1	11"	*Acer, sp.*	Maple
7	12"	*Acer, sp.*	Maple
1	14"	*Acer, sp.*	Maple
3	16"	*Acer, sp.*	Maple
1	18"	*Acer, sp.*	Maple
1	22"	*Acer, sp.*	Maple
1	24"	*Acer, sp.*	Maple
2	36"	*Acer, sp.*	Maple
8	5"	*Quercus, sp.*	Oak
EXISTING TREES TO BE REMOVED (NET FILL COMPENSATION AREA)			
3	6"	*Quercus, sp.*	Oak
1	7"	*Quercus, sp.*	Oak
22	8"	*Quercus, sp.*	Oak
15	10"	*Quercus, sp.*	Oak
10	12"	*Quercus, sp.*	Oak
2	14"	*Quercus, sp.*	Oak
6	16"	*Quercus, sp.*	Oak
3	18"	*Quercus, sp.*	Oak
8	20"	*Quercus, sp.*	Oak
1	22"	*Quercus, sp.*	Oak
5	24"	*Quercus, sp.*	Oak
1	26"	*Quercus, sp.*	Oak
1	28"	*Quercus, sp.*	Oak
2	30"	*Quercus, sp.*	Oak
1	34"	*Quercus, sp.*	Oak
1	38"	*Quercus, sp.*	Oak
1	44"	*Quercus, sp.*	Oak
1	5"	*Pinus, sp.*	Pine
1	10"	*Pinus, sp.*	Pine
1	22"	*Pinus, sp.*	Pine
1	6"	*Crataegus, sp.*	Hawthorn
2	10"	*Populus, sp.*	Poplar
1	5"	*Sassafras albidum*	Sassafras
1	8"	*Sassafras albidum*	Sassafras
11	5"	*Liquidambar styraciflua*	Sweetgum
20	6"	*Liquidambar styraciflua*	Sweetgum
3	7"	*Liquidambar styraciflua*	Sweetgum
9	8"	*Liquidambar styraciflua*	Sweetgum
1	9"	*Liquidambar styraciflua*	Sweetgum
13	10"	*Liquidambar styraciflua*	Sweetgum
1	11"	*Liquidambar styraciflua*	Sweetgum
20	12"	*Liquidambar styraciflua*	Sweetgum
10	14"	*Liquidambar styraciflua*	Sweetgum
1	15"	*Liquidambar styraciflua*	Sweetgum
5	16"	*Liquidambar styraciflua*	Sweetgum
10	18"	*Liquidambar styraciflua*	Sweetgum
3	20"	*Liquidambar styraciflua*	Sweetgum
1	22"	*Liquidambar styraciflua*	Sweetgum
1	28"	*Liquidambar styraciflua*	Sweetgum
8	8"	*Juglans nigra*	Black Walnut
1	10"	*Juglans nigra*	Black Walnut
1	12"	*Juglans nigra*	Black Walnut
5	5"	*Quercus phellos*	Willow Oak
EXISTING TREES TO BE REMOVED (NET FILL COMPENSATION AREA)			
6	6"	*Quercus phellos*	Willow Oak
1	7"	*Quercus phellos*	Willow Oak
2	8"	*Quercus phellos*	Willow Oak
2	10"	*Quercus phellos*	Willow Oak
1	11"	*Quercus phellos*	Willow Oak
4	12"	*Quercus phellos*	Willow Oak

TOTAL LIVING TREES TO BE REMOVED IN NET FILL COMPENSATION AREA: 345 TREES
TOTAL DEAD TREES TO BE REMOVED IN NET FILL COMPENSATION AREA: 17 TREES
OVERALL TOTAL TREES TO BE REMOVED IN NET FILL COMPENSATION AREA: 362 TREES



1. NOTE: REFER TO SHEET C-09 FOR PLANT SCHEDULE

SEED MIX A - RETENTION BASIN FLOOR MIX (ERNMX-126)

1. PRIOR TO SEEDING, AREA IS TO BE TOPSOILED, FINE GRADED, AND RAKED OF ALL DEBRIS LARGER THAN 1/2" DIAMETER.
2. PRIOR TO SEEDING, CONSULT MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
3. SEED MIX COMPOSITION:

20.0%	PANICUM CLANDESTINUM, TIOGA	DEERTONGUE, TIOGA
20.0%	PUCCINELLIA DISTANS, FULTS	ALKALIGRASS, FULTS
18.0%	ELYMUS VIRGINICUS, 'MADISON'	VIRGINIA WILDRYE, 'MADISON'
15.0%	AGROSTIS STOLONIFERA	CREEPING BENTGRASS
15.0%	POA PALUSTRIS	FOWL BLUEGRASS
10.0%	CAREX VULPINOIDEA, PA ECOTYPE	FOX SEDGE, PA ECOTYPE
1.0%	CAREX SCOPARIA, PA ECOTYPE	BLUNT BROOM SEDGE, PA ECOTYPE
1.0%	JUNCUS EFFESUS	SOFT RUSH

4. SEEDING RATE: 20-40 LB PER ACRE WITH A COVER CROP AT 30 LB PER ACRE: GRAIN RYE (1 SEPTEMBER TO 30 APRIL), 10 LB PER ACRE: JAPANESE MILLET (1 MAY TO 31 AUGUST), OR 10 LB PER ACRE: BARNYARD GRASS (1 MAY TO 31 AUGUST)
5. GERMINATION RATES WILL VARY AS TO TIME OF YEAR FOR SOWING. CONTRACTOR TO IRRIGATE SEEDED AREA UNTIL A STAND OF COVER IS ESTABLISHED AND FOUND ACCEPTABLE TO THE OWNER. SEE LAWN WATERING SCHEDULE NOTES.

SEED MIX B - MESIC TO DRY NATIVE POLLINATOR MIX (ERNMX-105)

1. PRIOR TO SEEDING, AREA IS TO BE TOPSOILED, FINE GRADED, AND RAKED OF ALL DEBRIS LARGER THAN 1/2" DIAMETER.
2. PRIOR TO SEEDING, CONSULT MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
3. SEED MIX COMPOSITION:

27.0%	SCHIZACHYRIUM SCOPARIUM, 'CAMPER'	LITTLE BLUESTEM 'CAMPER'
20.0%	ELYMUS VIRGINICUS, 'PA ECOTYPE'	VIRGINIA WILDRYE 'PA ECOTYPE'
15.0%	SORGHASTRUM NUTANS, PA ECOTYPE	INDIANGRASS 'PA ECOTYPE'
5.0%	PANICUM CLANDESTINUM, 'TIOGA'	DEERTONGUE, 'TIOGA'
5.0%	TRIDENS FLAVUS	PURPLETOP
4.0%	CHAMAECRISTA FASCICULATA, PA ECOTYPE	PARTRIDGE PEA, PA ECOTYPE
3.0%	COREOPSIS LANCEOLATA	LANCELEAF COREOPSIS
3.0%	ECHINACEA PURPUREA	PURPLE CONEFLOWER
3.0%	RUDBECKIA HIRTA, COASTAL PLAIN NC ECOTYPE	BLACK EYED SUSAN, COASTAL PLAIN ECOTYPE
3.0%	VERBENA HASTATA, PA ECOTYPE	BLUE VERVAIN, PA ECOTYPE
2.0%	HELIOPSIS HELIANTHOIDES, PA ECOTYPE	OXEYE SUNFLOWER, PA ECOTYPE
2.0%	PENSTEMON DIGITALIS, PA ECOTYPE	TALL WHITE BEARDTONGUE, PA ECOTYPE
1.0%	ASCLEPIAS INCARNATA, PA ECOTYPE	SWAMP MILKWEED, PA ECOTYPE
1.0%	LIATRIS SPICATA, PA ECOTYPE	MARSH BLAZING STAR, PA ECOTYPE
0.9%	ASTER NOVAE-ANGLIAE, PA ECOTYPE	NEW ENGLAND ASTER, PA ECOTYPE
0.7%	ASTER LAEVIS, NY ECOTYPE	SMOOTH BLUE ASTER, NY ECOTYPE
0.5%	GEUM CANADENSE, PA ECOTYPE	WHITE AVENS, PA ECOTYPE
0.5%	SENNA HEBECARPA, VA & WV ECOTYPE	WILD SENNA, VA & WV ECOTYPE
0.5%	ZIZIA AUREA, PA ECOTYPE	GOLDEN ALEXANDERS, PA ECOTYPE
0.4%	BAPTISIA AUSTRALIS,	SOUTHERN WV ECOTYPE
0.4%	MONARDA FISTULOSA	FORT INDIANTOWN GAP-PA ECOTYPE
0.3%	EUPATORIUM PERFOLIATUM, PA ECOTYPE	BONESET, PA ECOTYPE
0.3%	LESPEDEZA CAPITATA, RI ECOTYPE	ROUNDHEAD LESPEDEZA, RI ECOTYPE
0.3%	PYCNANTHEMUM TENUIFOLIUM	NARROWLEAF MOUNTAINMINT
0.3%	TRADESCANTIA OHIENSIS, PA ECOTYPE	OHIO SPIDERWORT, PA ECOTYPE
0.2%	SOLIDAGO JUNCEA, PA ECOTYPE	EARLY GOLDENROD, PA ECOTYPE
0.1%	EUPATORIUM FISTULOSUM, PA ECOTYPE	JOE PYE WEED, PA ECOTYPE
0.1%	EUPATORIUM RUGOSUM, PA ECOTYPE	WHITE SNAKEROOT, PA ECOTYPE
0.1%	SOLIDAGO NEMORALIS, PA ECOTYPE	GRAY GOLDENROD, PA ECOTYPE
0.1%	SOLIDAGO RUGOSA, PA ECOTYPE	WRINKLELEAF GOLDENROD, PA ECOTYPE

4. SEEDING RATE: 20 LB PER ACRE WITH A COVER CROP AT 30 LB PER ACRE (DRY SITES - GRAIN OATS, JAN 1-AUG 1; OR, GRAIN RYE, AUG 1-JAN 1; MOIST SITES - GRAIN RYE YEAR-ROUND)
5. GERMINATION RATES WILL VARY AS TO TIME OF YEAR FOR SOWING. CONTRACTOR TO IRRIGATE SEEDED AREA UNTIL A STAND OF COVER IS ESTABLISHED AND FOUND ACCEPTABLE TO THE OWNER. SEE LAWN WATERING SCHEDULE NOTES.

SEED MIX C - RIPARIAN BUFFER MIX (ERNMX-178)

1. PRIOR TO SEEDING, AREA IS TO BE TOPSOILED, FINE GRADED, AND RAKED OF ALL DEBRIS LARGER THAN 1/2" DIAMETER.
2. PRIOR TO SEEDING, CONSULT MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
3. SEED MIX COMPOSITION:

22.1%	PANICUM CLANDESTINUM, TIOGA	DEERTONGUE, TIOGA
20.0%	ELYMUS VIRGINICUS, 'MADISON'	VIRGINIA WILDRYE 'MADISON'
18.0%	ANDROPOGON GERARDII, 'NIAGARA'	BIG BLUESTEM 'NIAGARA'
18.0%	SORGHASTRUM NUTANS, WI ECOTYPE	INDIANGRASS
10.0%	PANICUM VIRGATUM, 'SHAWNEE'	SWITCHGRASS ;SHAWNEE'
3.0%	RUDBECKIA HIRTA	BLACKEYED SUSAN
2.0%	ASCLEPIAS INCARNATA, PA ECOTYPE	SWAMP MILKWEED
2.0%	VERBENA HASTATA, PA ECOTYPE	BLUE VERVAIN
1.0%	EUPATORIUM PERFOLIATUM, PA ECOTYPE	BONESET
1.0%	HELENIUM AUTUMNALE, PA ECOTYPE	COMMON SNEEZEWEED
0.7%	ASTER NOVAE-ANGLIAE, PA ECOTYPE	NEW ENGLAND ASTER
0.7%	ASTER UMBELLATUS, PA ECOTYPE	FLAT-TOPPED WHITE ASTER
0.7%	ZIZIA AUREA, PA ECOTYPE	GOLDEN ALEXANDERS
0.5%	MONARDA FISTULOSA, FORT INDIANTOWN GAP-PA ECOTYPE	WILD BERGAMOT
0.3%	SOLIDAGO RUGOSA, PA ECOTYPE	WRINKLELEAF GOLDENROD

4. SEEDING RATE: 20 LB PER ACRE WITH A COVER CROP AT 30 LB PER ACRE (DRY SITES - GRAIN OATS, JAN 1-AUG 1; OR, GRAIN RYE, AUG 1-JAN 1; MOIST SITES - GRAIN RYE YEAR-ROUND)
5. GERMINATION RATES WILL VARY AS TO TIME OF YEAR FOR SOWING. CONTRACTOR TO IRRIGATE SEEDED AREA UNTIL A STAND OF COVER IS ESTABLISHED AND FOUND ACCEPTABLE TO THE OWNER. SEE LAWN WATERING SCHEDULE NOTES.

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch = 30 ft.

REV. / ISSUE	DATE	DESCRIPTION
1	01/22/2022	TOWNSHIP RESUBMISSION
2	04/08/2022	RESOLUTION COMPLIANCE

CONSULTANT

ORIENTATION / KEY PLAN

CLIENT

PAULUS, SOKOLOWSKI AND SARTOR, LLC.
1909 ROUTE 70 EAST
SUITE 307
CHERRY HILL, NJ 08003
PHONE: (856) 335-6000
CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOWSKI AND SARTOR, LLC. OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN THE CONTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION.

ALL DIMENSIONS SHALL BE AS NOTED IN WORDS OR NUMBERS ON THE CONTRACT DRAWINGS. DO NOT SCALE THE DRAWINGS TO DETERMINE DIMENSIONS.

THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOTED PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE OR EXTENSIONS OF THIS PROJECT OR FOR REUSE ON ANY OTHER PROJECT.

THE COPYING AND/OR MODIFICATION OF THIS DOCUMENT OR ANY PORTION THEREOF WITHOUT THE WRITTEN PERMISSION OF PAULUS, SOKOLOWSKI AND SARTOR, LLC. IS PROHIBITED.

UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSUE", THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPICTED HEREIN. CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCTION DOCUMENTS.

COPYRIGHT 2022 PAULUS, SOKOLOWSKI AND SARTOR, LLC. - ALL RIGHTS RESERVED.

WILLIAM SALMON, P.E.
PROFESSIONAL ENGINEER
N.J. LIC. NO. 41319
SIGNATURE 04/08/2022 DATE

PROJECT
ALLEGRO
SENIOR LIVING
FACILITY
1017 SOUTH CHURCH STREET
BLOCK 1003, LOT 50, 51,52, 53 & 54
TOWNSHIP OF MOUNT LAUREL
BURLINGTON COUNTY, NEW JERSEY

SHEET TITLE
LANDSCAPE PLAN
SHEET B

PROJECT NO.: 05440.0009	DRAWN BY: PA
SCALE: 1"=30'	CHECKED BY: KDR
DATE: 03/29/2021	SHEET 10 OF 27
SHEET NO.	C-10

FILE NAME: P:\05440\0009\DWG\C-Civil\Rdwgs\Township Submission\05440009-C1-FLP-R03-WN.dwg Landscape Plan-B LAST EDIT: 04/15/2022 - 12:00:55 PM LOGIN: bmayer@