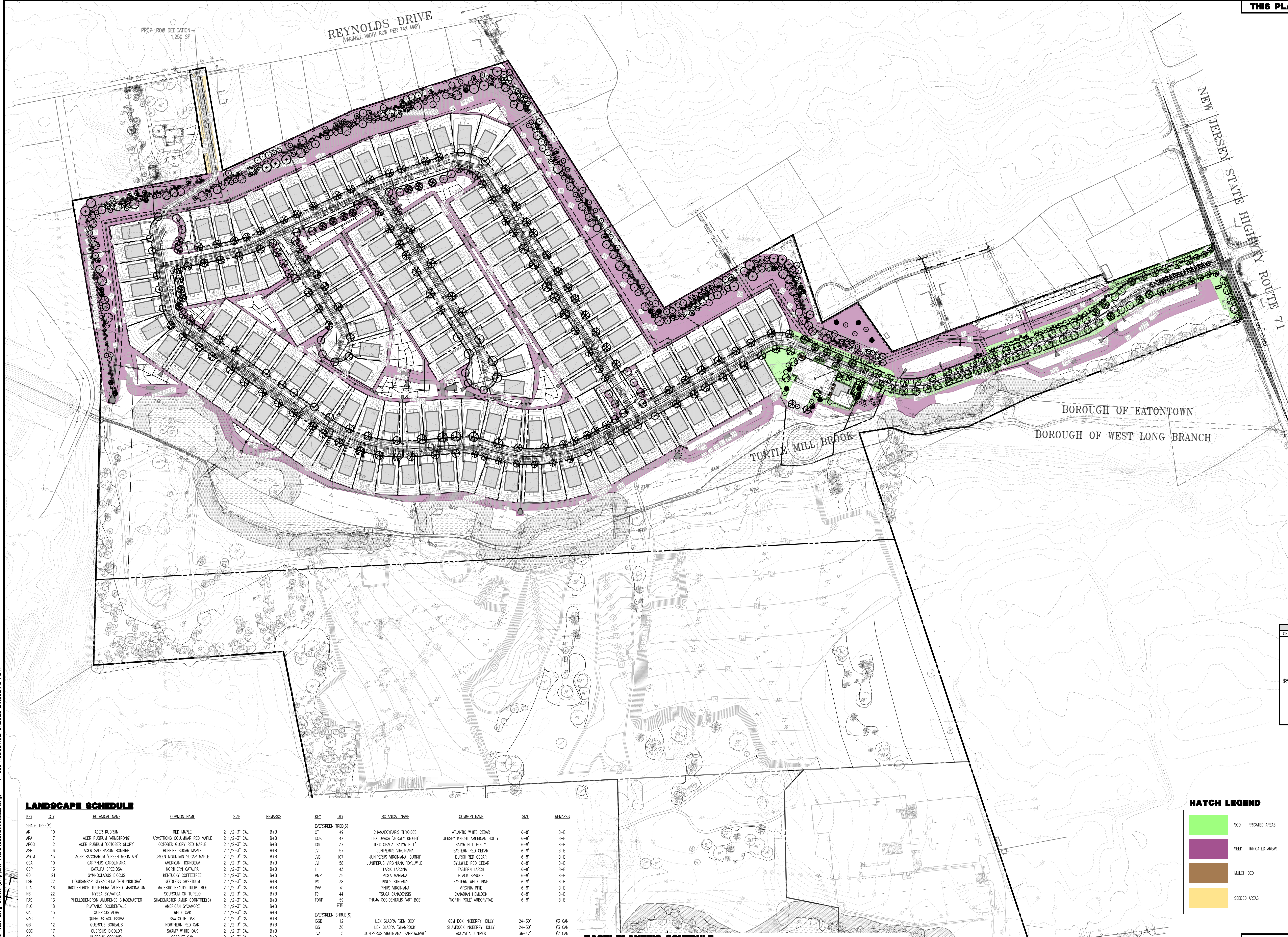
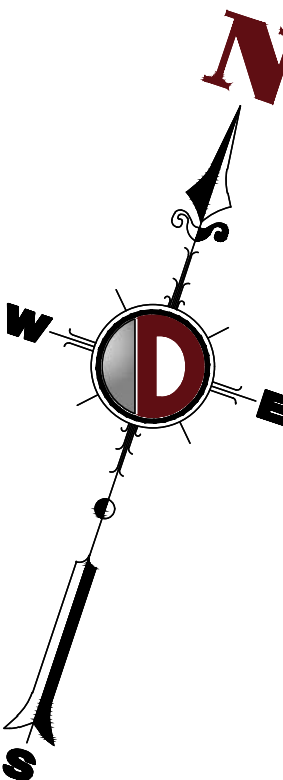




ERNST CONSERVATION SEEDS

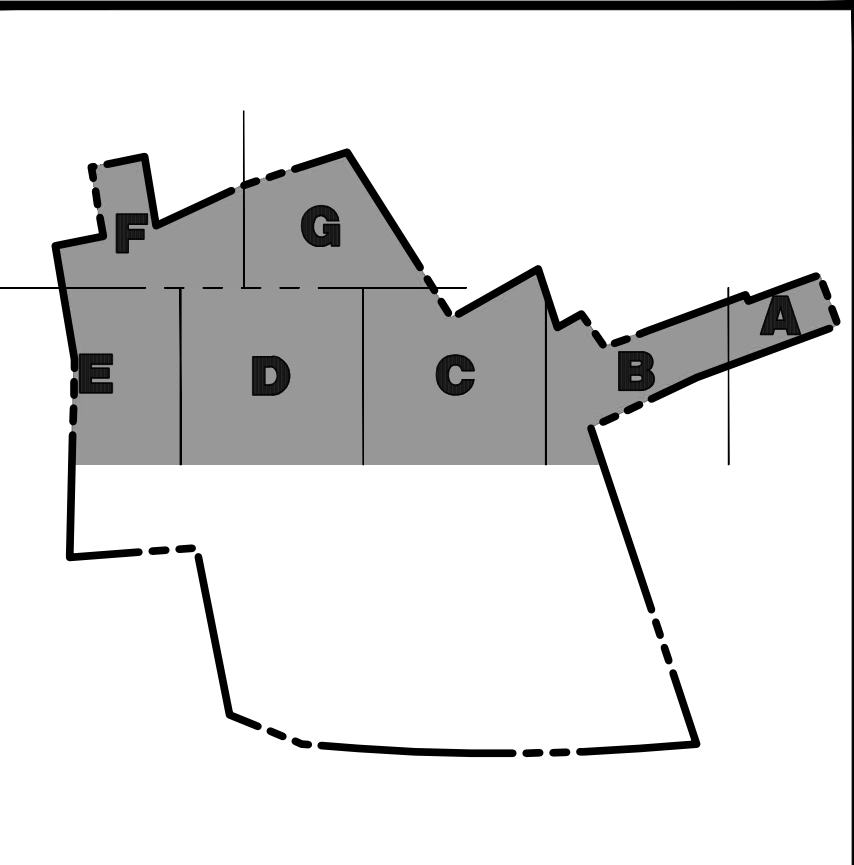
NATIVE STEEP SLOPE MIX W/  
ANNUAL RYEGRASS (ERNMX-181):

| BOTANICAL NAME                                           | COMMON NAME                                   |
|----------------------------------------------------------|-----------------------------------------------|
| 31.10 % SORGHASTRUM NUTANS, NEW ENGLAND 2 ECOTYPE        | INDIANGRASS, NEW ENGLAND 2 ECOTYPE            |
| 20.00 % LULIUM MULTIFLORUM                               | ANNUAL RYEGRASS                               |
| 14.00 % ANDROPOGON OEDOCARPUS, MADON                     | BIG BLUESTEM, "MADON"                         |
| 10.00 % ELYMUS VIRGINICUS, MADON-NY ECOTYPE              | VIRGINIA BLUESTEM, MADON-NY ECOTYPE           |
| 7.00 % ELYMUS CANADENSIS                                 | CANADA BLUESTEM                               |
| 4.00 % AGROSTIS PERENNANS, ALBANY PINE BUSH-NY ECOTYPE   | ALBANY PINE BUSH, ALBANY PINE BUSH-NY ECOTYPE |
| 4.00 % PANICUM VIRGATUM, "CARPINE", NC ECOTYPE           | SWITCHGRASS, "CARPINE", NC ECOTYPE            |
| 3.00 % PANICUM CANADENSE, PA ECOTYPE                     | DEERTONGUE, TOGA                              |
| 1.50 % ECHINACEA PURPUREA                                | PURPLE CONEFLOWER                             |
| 1.50 % CHAMAECRISTA FASCICULATA, PA ECOTYPE              | PARTRIDGE PEA, PA ECOTYPE                     |
| 1.50 % EUPHYSIA HUMIFRONS, PA ECOTYPE                    | OWENS SANDWICH, PA ECOTYPE                    |
| 1.00 % COREOPSIS LANCOLATA                               | LANCETLEAF COREOPSIS                          |
| 1.00 % AGROSTIS VIRGA                                    | BLACKHEED SUSAN                               |
| 0.30 % MONARDA PISTULOSA, FORT INDIANTOWN GAP-PA ECOTYPE | WILD BERGAMOT, FORT INDIANTOWN GAP-PA ECOTYPE |
| 0.20 % ASCLEPIAS SYRIACA                                 | COMMON MILKWEED                               |
| 0.20 % SOLANUM RUSSICA, PA ECOTYPE                       | WINKLECAP, FOLDENBERG, PA ECOTYPE             |
| 0.10 % ASTER LATERIFLORUS                                | CAULD ASTER                                   |
| 0.10 % ASTER FLOROSUS, PA ECOTYPE                        | HEATH ASTER, PA ECOTYPE                       |
| 100%                                                     |                                               |

SEEDING RATE: 40 LB PER ACRE, OR 1.5 LB PER 1,000 SQ FT  
EROSION CONTROL AND RE-VEGETATION

| CRIMINAL SECTION | REQUIREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PROPOSED                                                                                             |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 889-830          | CONSULTATION: IT IS THE RESPONSIBILITY OF CONTRACTOR AND/OR APPLICANT TO CONSULT WITH THE BOROUGH AGROSTIS OR BOROUGH ENGINEER, PRIOR TO INSTALLATION FOR PURPOSE OF COMPREHENSION OF SPECIFICATIONS, PLANT MATERIAL OR PLANTING DETAILS. TO AVOID MONOCULTURES, THE FOLLOWING SPECIES DIVERSITY SHALL BE USED: WHENEVER AN APPLICATION PLAN CALLS FOR FIVE TO 10 PLANTINGS, TWO OR MORE DIFFERENT KINDS OF SPECIES SHALL BE PLANTED. IF BETWEEN 11 AND 20 PLANTINGS, FOUR OR MORE SPECIES SHALL BE PLANTED. BETWEEN 21 AND 35, FIVE OR MORE SPECIES SHALL BE USED, AND IF MORE THAN 36 PLANTINGS ARE TO BE USED, AN ADDITIONAL SPECIES BE PROVIDED FOR EVERY 12 PLANTINGS AND THE MINIMUM DIVERSITY AMONGST PLANTINGS SHALL BE 10%. | 1,670 PLANTS PROPOSED/10% DIVERSITY REQUIREMENT<br>167 SPECIES REQUIRED, 71 SPECIES PROPOSED (WATER) |

HATCH LEGEND



KEY MAP

LANDSCAPE SCHEDULE

| KEY              | QTY | BOTANICAL NAME                              | COMMON NAME                        | SIZE         | REMARKS   |
|------------------|-----|---------------------------------------------|------------------------------------|--------------|-----------|
| SHADE TREES      |     |                                             |                                    |              |           |
| AR               | 10  | ACER RUBRUM                                 | RED MAPLE                          | 2 1/2-3" CAL | B+B       |
| ARA              | 7   | ACER RUBRUM 'ARMSTRONG'                     | ARMSTRONG COLUMNAR RED MAPLE       | 2 1/2-3" CAL | B+B       |
| AROG             | 2   | ACER RUBRUM 'OCTOBER GLORY'                 | OCTOBER GLORY RED MAPLE            | 2 1/2-3" CAL | B+B       |
| ASD              | 6   | ACER SACCARINUM 'SOMER'                     | SOMER SUGAR MAPLE                  | 2 1/2-3" CAL | B+B       |
| KSM              | 15  | ACER SACCARINUM 'GREEN MOUNTAIN'            | GREEN MOUNTAIN SUGAR MAPLE         | 2 1/2-3" CAL | B+B       |
| COA              | 10  | CARPINUS CAROLINIANA                        | AMERICAN HORNBEAM                  | 2 1/2-3" CAL | B+B       |
| CSP              | 13  | CATALPA SPECIOSA                            | NORTHERN CATALPA                   | 2 1/2-3" CAL | B+B       |
| CO               | 21  | COMMODORUS DODGII                           | KENTUCKY COFFEE TREE               | 2 1/2-3" CAL | B+B       |
| LSR              | 22  | LOQUAMBAR SYRIACA 'ROTUNDIFOLIA'            | SEEDLESS SWEETGUM                  | 2 1/2-3" CAL | B+B       |
| LTA              | 16  | LIRODENDRON TULIPIFERA 'AUREO-MARGINATUM'   | MAJESTIC BEAUTY TULIP TREE         | 2 1/2-3" CAL | B+B       |
| NE               | 22  | NYSSA DISCOLOR                              | SOURWOOD OR TAYLOD                 | 2 1/2-3" CAL | B+B       |
| PAS              | 13  | PHLODENDRON AMURENSE SHADENMASTER           | SHADENMASTER AMUR COFFEE TREE(S)   | 2 1/2-3" CAL | B+B       |
| PLO              | 18  | PLATANUS OCCIDENTALIS                       | AMERICAN SYCAMORE                  | 2 1/2-3" CAL | B+B       |
| QA               | 15  | QUERCUS ALBA                                | WHITE OAK                          | 2 1/2-3" CAL | B+B       |
| QAC              | 4   | QUERCUS ALUTISIMA                           | SWITCH OAK                         | 2 1/2-3" CAL | B+B       |
| QAB              | 12  | QUERCUS BOREALIS                            | NORTHERN RED OAK                   | 2 1/2-3" CAL | B+B       |
| QBC              | 17  | QUERCUS BICOLOR                             | SWAMP WHITE OAK                    | 2 1/2-3" CAL | B+B       |
| QCC              | 19  | QUERCUS COCCINEA                            | SWEET OAK                          | 2 1/2-3" CAL | B+B       |
| QCM              | 19  | QUERCUS MACROCARPA                          | BUR OAK                            | 2 1/2-3" CAL | B+B       |
| QMK              | 7   | QUERCUS MICHUXII                            | SWAMP CHESTNUT OAK                 | 2 1/2-3" CAL | B+B       |
| QPI              | 25  | QUERCUS PALustris                           | PIN OAK                            | 2 1/2-3" CAL | B+B       |
| QPH              | 18  | QUERCUS PHellos                             | WILLOW OAK                         | 2 1/2-3" CAL | B+B       |
| QR               | 17  | QUERCUS RUBRA                               | RED OAK                            | 2 1/2-3" CAL | B+B       |
| SS               | 27  | SACOPHAGAS ALBIDUM                          | SASSAPARILLA                       | 2 1/2-3" CAL | B+B       |
| SE               | 1   | SELI X ELEGANTISSIMA                        | WESTERN WILLOW                     | 2 1/2-3" CAL | B+B       |
| TAB              | 6   | TILIA AMERICANA 'BOULEVARD'                 | BOULEVARD LINDEN                   | 2 1/2-3" CAL | B+B       |
| TAR              | 18  | TILIA X AMERICANA 'REDMOND'                 | REDMOND LINDEN                     | 2 1/2-3" CAL | B+B       |
| UP               | 13  | ULMUS AMERICANA 'PRINCETON'                 | PRINCETON AMERICAN ELM             | 2 1/2-3" CAL | B+B       |
| 392              |     |                                             |                                    |              |           |
| ORNDENAL TREES   |     |                                             |                                    |              |           |
| AC               | 28  | AMELANCHIER CANADENSIS                      | MULTI STEM SHADLOW SERVICEBERRY    | 8-10"        | B+B       |
| ADN              | 14  | AMELANCHIER X GRANDIFLORA 'ROBIN HILL'      | ROBIN HILL SERVICEBERRY            | 8-10"        | B+B       |
| AL               | 6   | AMELANCHIER LEVIS                           | ALLEGANY SERVICEBERRY              | 8-10"        | B+B       |
| BN               | 23  | BETULA NIGRA                                | MULTI STEM RIVER BIRCH             | 8-10"        | B+B       |
| BNC              | 10  | BETULA NIGRA 'TOLLY'                        | HERITAGE RIVER BIRCH, MULTI-STEM   | 8-10"        | B+B       |
| CC               | 28  | CORNUS CANADENSIS                           | EASTERN DOGWOOD                    | 8-10"        | B+B       |
| CFR              | 18  | CORNUS FLORIDA RUBRA                        | PINK FLOWERING DOGWOOD             | 8-10"        | B+B       |
| CRK              | 8   | CORNUS KUSHA 'RUFFIK'                       | SCARLET FIRE DOGWOOD               | 8-10"        | B+B       |
| CPI              | 12  | CORONILLA PRAENIENSIS                       | WASHINGTON HANDBOOK                | 8-10"        | B+B       |
| CHV              | 12  | CORNUS X 'YOUNG-B'                          | VENUS DOGWOOD                      | 8-10"        | B+B       |
| CV               | 19  | CONANTHUS VIRGINICUS                        | WHITE FRAGRANCE                    | 8-10"        | B+B       |
| MA               | 10  | MACULATA VIRGINIANA                         | SWEETBAY MACULATA                  | 8-10"        | B+B       |
| OV               | 23  | OSTREA VIRGINIANA                           | AMERICAN HORNBEAM                  | 8-10"        | B+B       |
| 271              |     |                                             |                                    |              |           |
| EVERGREEN SHRUBS |     |                                             |                                    |              |           |
| CT               | 49  | CHAMAECYPARIS THYROIDES                     | ATLANTIC WHITE CEDAR               | 6-8"         | B+B       |
| CUK              | 47  | ILEX OPACA 'JERSEY KNIGHT'                  | JERSEY KNIGHT AMERICAN HOLLY       | 6-8"         | B+B       |
| IOS              | 37  | ILEX OPACA 'SATYR HILL'                     | SATYR HILL HOLLY                   | 6-8"         | B+B       |
| JI               | 57  | JUNIPERUS VIRGINIANA                        | EASTERN RED CEDAR                  | 6-8"         | B+B       |
| JAB              | 107 | JUNIPERUS VIRGINIANA 'BURKI'                | BURKI RED CEDAR                    | 6-8"         | B+B       |
| JVI              | 58  | JUNIPERUS VIRGINIANA 'DOUGLASS'             | DOUGLASS RED CEDAR                 | 6-8"         | B+B       |
| LL               | 43  | LARIX LARicina                              | EASTERN LARCH                      | 6-8"         | B+B       |
| PM               | 39  | PRUNUS MARIANA                              | BLACK SPRUCE                       | 6-8"         | B+B       |
| PS               | 38  | PRUNUS STROBUS                              | EASTERN WHITE PINE                 | 6-8"         | B+B       |
| PV               | 41  | PRUNUS VIRGINIANA                           | VIRGINIA PINE                      | 6-8"         | B+B       |
| TC               | 44  | TSUGA CANADENSIS                            | CANADIAN HEMLOCK                   | 6-8"         | B+B       |
| TNP              | 59  | THUJA OCCIDENTALIS 'NITE BOB'               | 'NORTH POLE' ARBORVITAE            | 6-8"         | B+B       |
| 679              |     |                                             |                                    |              |           |
| EVERGREEN SHRUBS |     |                                             |                                    |              |           |
| IGB              | 36  | ILEX GLABRA 'ICEY BOY'                      | ICEY BOY INKBERY HOLLY             | 24-30"       | #3 CAN    |
| IOS              | 36  | ILEX GLABRA 'SHAMROCK'                      | SHAMROCK INKBERY HOLLY             | 24-30"       | #3 CAN    |
| JVA              | 5   | JUNIPERUS VIRGINIANA 'TARROWHAY'            | AQUAVITA JUNIPER                   | 36-42"       | #1 CAN    |
| KLO              | 6   | KALIA LATIFOLIA 'OLYMPIC FIRE'              | OLYMPIC FIRE MOUNTAIN LAUREL       | 30-36"       | #5 CAN    |
| TOT              | 12  | THUJA OCCIDENTALIS 'DANICA'                 | DANICA GLOBE ARBORVITAE            | 24-30"       | #5 CAN    |
| 71               |     |                                             |                                    |              |           |
| DECIDUOUS SHRUBS |     |                                             |                                    |              |           |
| ANLSM            | 14  | ARONIA MELANOCARPA 'L'OCUNNATIS'            | 'LOW SCAPE MOUND' CHICKEBERRY      | 15-18"       | #5 CAN    |
| CSG              | 25  | CLETHRA ALNIFOLIA 'SUGGESTIVA 'CRYSTALLINA' | SUGGESTIVA CRYSTALLINA SUMMERSWEET | 24-30"       | #5 CAN    |
| CSG              | 15  | CEANOTHUS AMERICANUS                        | NEW JERSEY TEA                     | 24-30"       | #5 CAN    |
| HAA              | 12  | HYDRANGEA HYDRANGEENSIS 'ANNABELLE'         | 'ANNABELLE' HYDRANGEA              | 24-30"       | #5 CAN    |
| IN               | 6   | IRIDODENDRON PURPUREUM                      | 'SWAMP AZALEA'                     | 24-30"       | #5 CAN    |
| IN               | 3   | IRIDODENDRON PURPUREUM                      | IRIDODENDRON PURPUREUM             | 30-36"       | #5 CAN    |
| VO               | 75  | VIBURNUM VIBURNUM                           | ARROWWOOD VIBURNUM                 | 30-36"       | #5 CAN    |
| GROUND COVER     |     |                                             |                                    |              |           |
| AU               | 150 | ARCTOSTAPHYLOS UVA-URSI                     | BEARBERRY                          | 12-15"       | #2 CAN    |
| AS               | 6   | ASTER NOVAE-ANGLIAE 'PURPLE DOME'           | PURPLE DOME ASTER                  | 2 GAL        | CONTAINER |
| AMP              | 15  | ASTER NOVAE-ANGLIAE 'PURPLE DOME'           | PURPLE DOME ASTER                  | 2 GAL        | CONTAINER |
| CNLR             | 47  | CELANOCEA PURPUREA                          | CONELLOWER                         | 2 GAL        | CONTAINER |
| TU               | 60  | TULIPA X 'DANIELLE DOUBLE LATE'             | DANIELLE DOUBLE LATE TULIP         | 2 GAL        | CONTAINER |
| 708              |     |                                             |                                    |              |           |
| ORNDENAL GRASSES |     |                                             |                                    |              |           |
| PVCR             | 4   | PANICUM VIRGATUM 'CAPE BREEZE'              | CAPE BREEZE SWITCH GRASS           | 2 GAL        | CONTAINER |
| PVCR             | 2   | PANICUM VIRGATUM 'CLOUD NINE'               | CLOUD NINE SWITCH GRASS            | 2 GAL        | CONTAINER |
| 24               |     |                                             |                                    |              |           |

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.  
NOTE: ALL SPECIES TO BE SPACED 72" ON CENTER.  
NOTE: REPRESENTS PLANT SPECIES TO BE SPACED 30" ON CENTER.  
NOTE: ALL BASIN SLOPE SLOPES TO BE SEEDING WITH ERNMX-181.

BASIN PLANTING SCHEDULE

| KEY              | QTY  | BOTANICAL NAME                 | COMMON NAME                  | SIZE   | REMARKS   |
|------------------|------|--------------------------------|------------------------------|--------|-----------|
| IG               | 769  | ILEX GLABRA                    | INKBERY HOLLY                | 15-18" | #3 CAN    |
| CO               | 396  | CLETHRA ALNIFOLIA              | SUMMERSWEET CLETHRA          | 15-18" | #3 CAN    |
| CA               | 71   | CEPHALANTHUS OCCIDENTALIS      | BUTTON BUSH                  | 12-15" | #2 CAN    |
| HVE              | 148  | HAMELIS VERNALIS               | VERNAL WITCH HAZEL           | 12-15" | #2 CAN    |
| WVR              | 201  | ILEX VERTICILLATA 'WINTER RED' | WINTER RED WINTERBERRY HOLLY | 12-15" | #2 CAN    |
| LB               | 140  | LINDERA BENTON                 | SPOKEBUSH                    | 12-15" | #2 CAN    |
| WP               | 84   | MIRICA PENNSYLVANICA           | NORTHERN BAYBERRY            | 12-15" | #2 CAN    |
| VC               | 150  | VACCINIUM CORYMBOSUM           | HIGHBUSH BLUEBERRY           | 12-15" | #2 CAN    |
| VD               | 112  | VIBURNUM DENTATUM              | ARROWWOOD VIBURNUM           | 12-15" | #2 CAN    |
| 1302             |      |                                |                              |        |           |
| ORNDENAL GRASSES |      |                                |                              |        |           |
| PVP              | 4633 | PANICUM VIRGATUM               | SWITCH GRASS                 | 1 GAL  | CONTAINER |

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE.  
NOTE: ALL SPECIES TO BE SPACED 72" ON CENTER.  
NOTE: REPRESENTS PLANT SPECIES TO BE SPACED 30" ON CENTER.  
NOTE: ALL BASIN SLOPE SLOPES TO BE SEEDING WITH ERNMX-181.

SEE SHEET 03 OF 381 FOR LANDSCAPE PLAN NOTES

FINAL FOR SEWER DESIGN

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TITLE:  
**RESIDENTIAL OVERALL LANDSCAPE PLAN**

PROJECT:  
**SURREY EQUITIES, LLC**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
BLOCK 2701, (APPROVED LOTS 69.05 & 69.06)  
MONMOUTH ROAD & NASH ROUTE 315  
BOROUGH OF EATONTOWN, MONMOUTH COUNTY, NEW JERSEY

JOB NO:  
3272-99-005

DATE:  
08/31/2023

SCALE (H):  
1"=120'  
(V)

SHEET NO:  
**357**  
OF 381

**ROBERT P. FREUD**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE NO. 41938

**RYAN MCDERMOTT**  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE NO. 56559

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