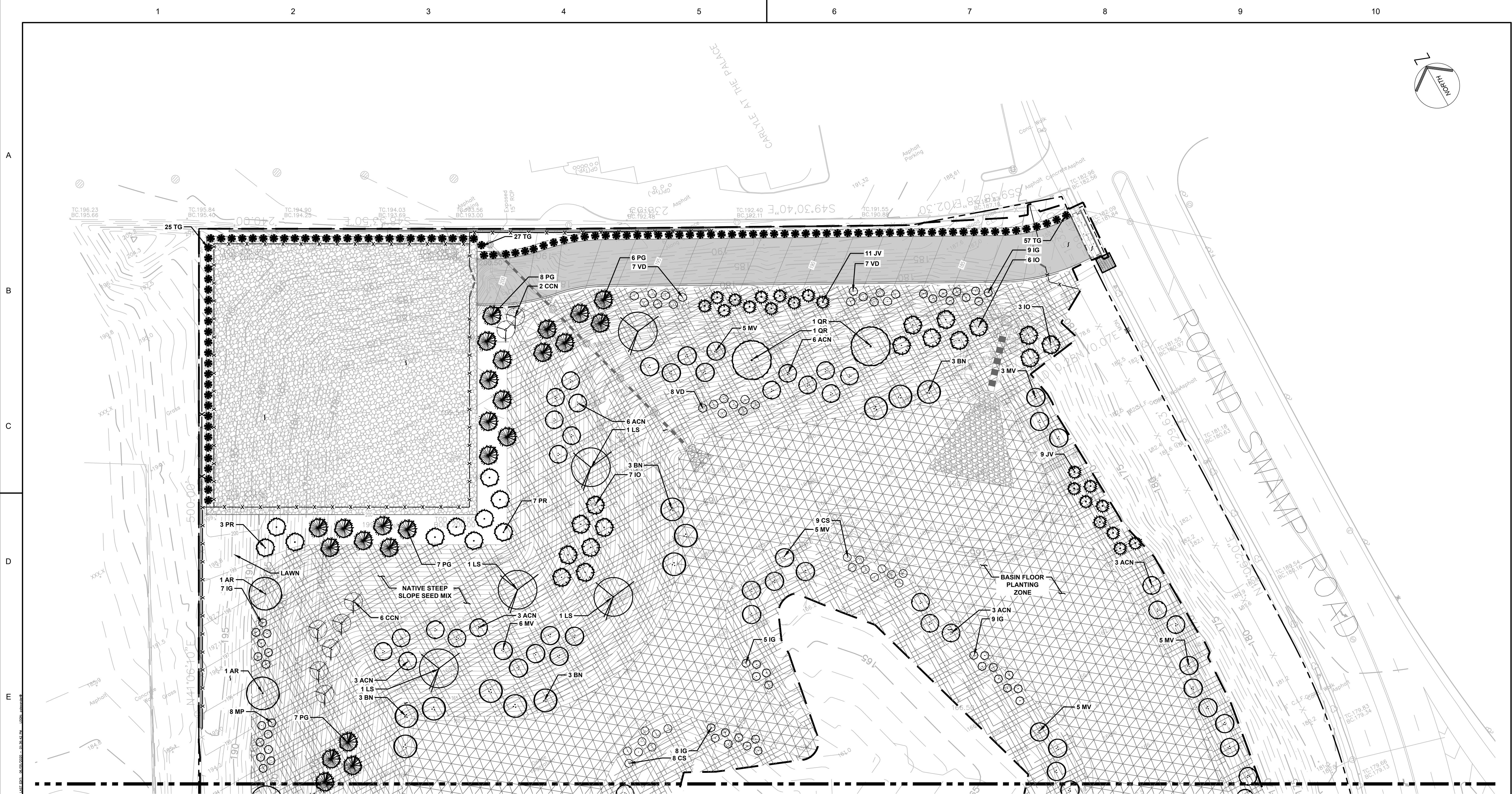


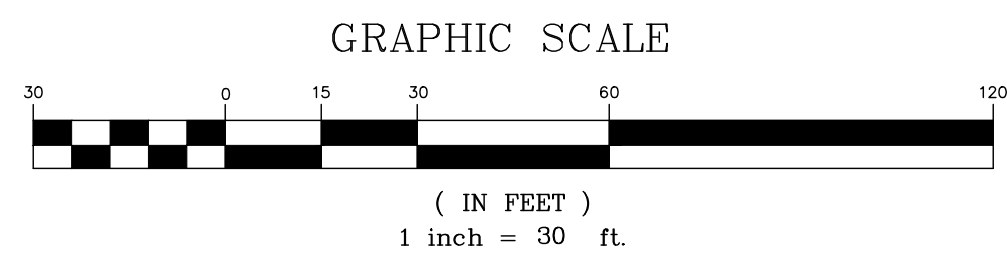
APPENDIX A

LANDSCAPE PLANS



MATCHLINE — SHEET C-19.0

NOTE: REFER TO SHEET C-19 FOR PLANT SCHEDULE



**PAULUS, SOKOLOWSKI
AND SARTOR,
ENGINEERING, P.C.**

PS&S 67B MOUNTAIN BLVD EX
WARREN, NJ 07059

PROJECT MANAGER:
LISA A. DIGEROLAMO, PE.
EMAIL: LDIGEROLAMO@PSANDS.COM
E: (732)584-0414

PS&S PROJECT NO.: 01315-0575

[illegible]

Long Island Power Authority
ROUND SWAMP SUBSTATION
ROUND SWAMP ROAD
NASSAU COUNTY, NEW YORK

LANDSCAPE PLAN

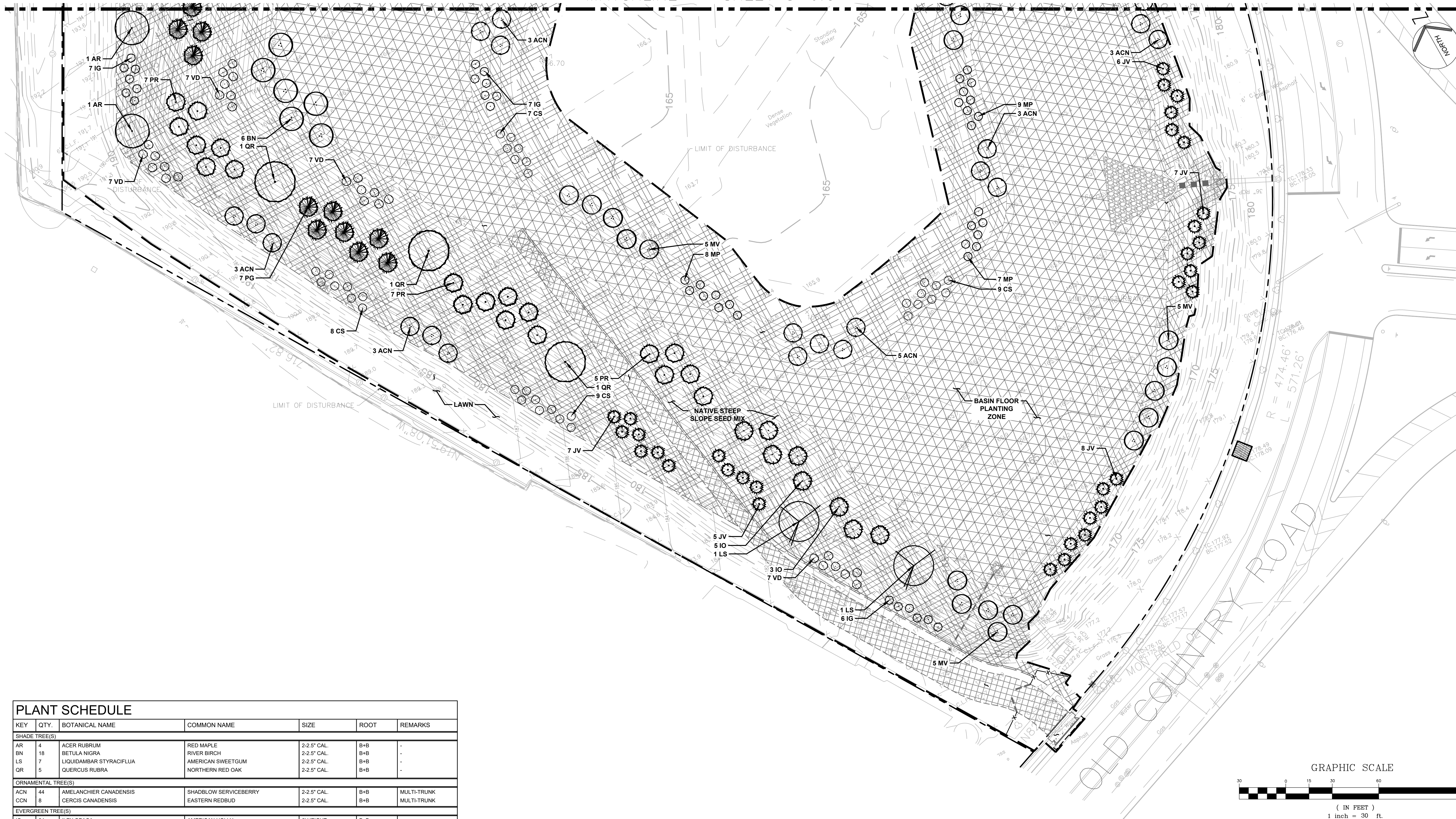
 **PSEG** **LONG ISLAND**
We make things work for you.
175 EAST OLD COUNTRY RD
HICKSVILLE, NEW YORK

C-18.0

SCALE 1"=30'	VENDOR DWG. NO. C-18.0	
DRAWING NO. F105292	SMART NO. 5RSSS-FY-05004	REVISION

SYSTEM GRID NUMBER	CABINET NO.	FOLDER NO.
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MATCHLINE — SHEET C-6.0



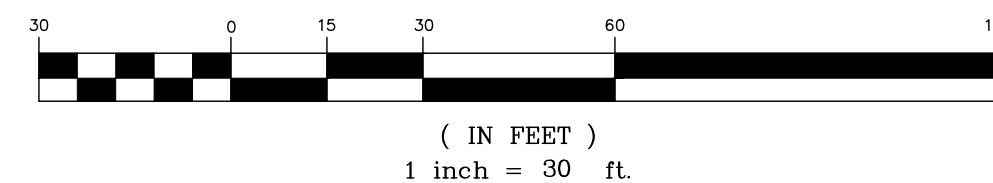
PLANT SCHEDULE

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
SHADE TREE(S)						
AR	4	ACER RUBRUM	RED MAPLE	2-2.5' CAL.	B+B	-
BN	18	BETULA NIGRA	RIVER BIRCH	2-2.5' CAL.	B+B	-
LS	7	LIQUIDAMBAR STRACIFLUA	AMERICAN SWEETGUM	2-2.5' CAL.	B+B	-
QR	5	QUERCUS RUBRA	NORTHERN RED OAK	2-2.5' CAL.	B+B	-
ORNAMENTAL TREE(S)						
ACN	44	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	2-2.5' CAL.	B+B	MULTI-TRUNK
CCN	8	CERCIS CANADENSIS	EASTERN REDBUD	2-2.5' CAL.	B+B	MULTI-TRUNK
EVERGREEN TREE(S)						
IO	24	ILEX OPACA	AMERICAN HOLLY	6' HEIGHT	B+B	-
JV	53	JUNIPERUS VIRGINIANA	EASTERN REDCEDAR	6' HEIGHT	B+B	-
MV	44	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	6' HEIGHT	B+B	-
PG	35	PICEA GLAUCA	WHITE SPRUCE	6' HEIGHT	B+B	-
PR	29	PINUS RIGIDA	PITCH PINE	6' HEIGHT	B+B	-
TG	109	THUJA x 'GREEN GIANT'	GREEN GIANT ARBORVITAE	6' HEIGHT	B+B	6-8' O.C.
EVERGREEN SHRUB(S)						
IG	58	ILEX GLABRA	INKBERRY	30-36" HEIGHT	CONTAINER	5-6' O.C.
DECIDUOUS SHRUB(S)						
CS	50	CORNUS AMOMUM	SILKY DOGWOOD	24-30" HEIGHT	CONTAINER	5-6' O.C.
MP	32	MYRTICA PENNSYLVANICA	NORTHERN BAYBERRY	24-30" HEIGHT	CONTAINER	5-6' O.C.
VD	50	VIBURNUM DENTATUM	ARROWWOOD VIBURNUM	30-36" HEIGHT	CONTAINER	5-6' 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-20 FOR SEED MIX AND BASIN PLANTING ZONE COMPOSITIONS

GRAPHIC SCALE



PS&S

**PAULUS, SOKOLOWSKI
AND SARTOR,
ENGINEERING, P.C.**

67B MOUNTAIN BLVD E
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PS&S PROJECT NO.: 01315-0575

ISSUE									
NO.	DATE	W.O.	DESCRIPTION		DWN BY	CKD BY	REVIEWED	APPROV	

Long Island Power Authority
ROUND SWAMP SUBSTATION
ROUND SWAMP ROAD
NASSAU COUNTY, NEW YORK

LANDSCAPE PLAN

 PSEG LONG ISLAND
We make things work for you.
175 EAST OLD COUNTRY ROAD
LIVINGSTON, NEW YORK

SCALE 1"=30'	VENDOR DWG. NO. C-19.0	
F105293	SMART NO. 5R555-FY-05005	REVISION

SYSTEM GRID NUMBER	CABINET NO.	FOLDER N
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SEED MIXTURES:

LAWN SEED MIXTURE:

4. SEEDING DATES FOR THIS MIXTURE SHALL BE BETWEEN MARCH 15TH TO MAY 15TH OR AUGUST 15TH TO OCTOBER 30TH.
5. GERMINATION RATES WILL VARY AS TO TIME OF YEAR FOR SOWING. CONTRACTOR TO IRRIGATE SEEDING AREA UNTIL A STAND OF COVER IS ESTABLISHED AND FOUND ACCEPTABLE TO THE OWNER. SEE LAWN WATERING SCHEDULE NOTES.

SEED MIX B – NATIVE STEEP SLOPE SEED MIXTURE:

1. SEED AT A RATE OF 60 LBS./ACRE OF 100% PURE LIVE SEED.
2. FOR SPRING SEEDING, APPLY A NURSE CROP OF OATS AT A RATE OF 30 LBS./ACRE.
3. FOR FALL SEEDING, APPLY A NURSE CROP OF WINTER RYE AT A RATE OF 30 LBS./ACRE.

BASIN FLOOR PLANTING ZONE:

5. DURING THE INITIAL PLANTING PRECAUTIONS SHOULD BE UNDERTAKEN TO PREVENT AND PROHIBIT ANIMALS FROM GRAZING UNTIL PLANT COMMUNITIES ARE WELL ESTABLISHED. SUCH PRECAUTIONS COULD BE DEER FENCING, MUSKRAT TRAPPING, PLANTING AFTER SEASONAL BIRD MIGRATIONS OR ATTRACTING BIRDS OF PREY AND BATS TO CONTROL NUTRIA POPULATIONS.

GENERAL PLANTING NOTES

1. NAMES OF PLANTS AS DESCRIBED ON THIS PLAN CONFORM TO THOSE GIVEN IN "STANDARDIZED PLANT NAMES", 1942 EDITION, PREPARED BY THE AMERICAN JOINT COMMISSION ON NURSERY AND LANDSCAPE ARCHITECTURE. PLANT VARIETIES NOT INCLUDED THEREIN CONFORM TO NAMES GENERALLY ACCEPTED IN NURSERY TRADE.
2. STANDARDS FOR TYPE, SPREAD, HEIGHT, ROOT BALL AND QUALITY OF NEW PLANT MATERIAL SHALL BE IN ACCORDANCE WITH GUIDELINES SET FORTH IN THE AMERICAN STANDARD FOR NURSERY STOCK ESTABLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. PLANT MATERIAL SHALL HAVE NORMAL HABIT OF GROWTH AND BE HEALTHY, VIGOROUS, AND FREE FROM DISEASES AND INSECT INFESTATION.
3. NEW PLANT MATERIAL SHALL BE NURSERY GROWN UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE SET PLUMB AND SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE DIGGING. PLANT MATERIAL OF THE SAME SPECIES AND SIZE SHALL BE PLANTED AT THE SAME DEPTH IN SHADTS AND ADJACENT AREAS. THE CONTRACTOR SHALL HAVE THE RIGHT TO REJECT PLANT MATERIAL THAT DOES NOT CONFORM TO THE TYPICAL OR SPECIFIED HABITS OF THE SPECIES AND SHALL REMOVE A STRONG TRUNK AND FULL HEAD AND MEET ALL REQUIREMENTS SPECIFIED, ANY TREE THAT LOSES THE MAIN LEADER SHALL BE REPLACED.
4. THE BACKFILL MIXTURE AND SOIL MIXES TO BE INSTALLED PER THE SPECIFICATIONS.
5. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE SITE AND SUBGRADE DRAINAGE OR PERCOLATION CHARACTERISTICS, WHETHER CAUSED BY NATURAL OR MAN-MADE CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE POSITIVE VERTICAL DRAINAGE THROUGHOUT ENTIRE AREAS. DISCREPANCIES SHALL BE ADDRESSED WITH THE PROJECT LANDSCAPE ARCHITECT PRIOR TO PURCHASING PLANT MATERIALS.
6. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE FINISH GRADING HAS BEEN COMPLETED AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT OR PROJECT ENGINEER.
7. ALL PLANT INSTALLATIONS SHALL BE COMPLETED EITHER BETWEEN APRIL 15 AND JUNE 15 OR AUGUST 15 AND NOVEMBER 15, UNLESS OTHERWISE DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT. SET LAYOUT SEEDINGS DATES IN SEEING NOTES.
8. ALL FENCE AND GUIDE RAIL INSTALLATIONS SHALL BE COMPLETED PRIOR TO COMMENCEMENT OF ANY LANDSCAPE PLANTING, LAWN AND GRASSES, OR IRRIGATION WORK.
9. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITY AND SEWER LINE LOCATIONS. NOTIFY THE CITY OF UTILITY DEPARTMENT OF ANY SHADTS OF CONSTRUCTION. AVOID DAMAGE TO UTILITIES AND OWNER IMMEDIATELY OF ANY CONFLICTS WITHLANDING LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE.
10. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR 1) TO VERIFY THE LOCATIONS OF UTILITY LINES AND ADJACENT TO THE EXISTING UTILITIES; 2) TO OBTAIN NECESSARY PERMITS FOR ANY CONSTRUCTION PERIOD 3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
11. THE CONTRACTOR SHALL NOT MAKE SUBSTITUTIONS. IF THE SPECIFIED PLANT IS UNAVAILABLE, THE CONTRACTOR SHALL SUBMIT PROOF OF NON-AVAILABILITY TO THE LANDSCAPE ARCHITECT AND OWNER TOGETHER WITH A WRITTEN PROPOSAL FOR USE OF AN EQUIVALENT MATERIAL.
12. LANDSCAPE CONTRACTOR TO STAKE OUT PLANTING LOCATIONS, FORMULATED AS REVIEWED BY THE LANDSCAPE ARCHITECT AND/OR OWNER BEFORE PLANTING WORK BEGINS. THE LANDSCAPE ARCHITECT AND/OR OWNER SHALL DIRECT THE CONTRACTOR IN THE FINAL PLACEMENT OF ALL PLANT MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE COMPLIANCE WITH DESIGN INTENT UNLESS OTHERWISE INSTRUCTED.
13. ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION. THE LANDSCAPE ARCHITECT MAY REVIEW PLANT MATERIALS AT THE SITE FOR COMPLIANCE WITH REQUIREMENTS FOR PLANTING. PLANT VARIETY, SIZE AND QUALITY. THE LANDSCAPE ARCHITECT RETAINS THE RIGHT TO FURTHER REVIEW PLANT MATERIALS FOR SIZE AND CONDITION OF BALLS AND ROOTS AND INSPECTS PLANTS FOR DEFECTS AND UNSATISFACTORY OR DEFECTIVE MATERIAL. AT ANY TIME DURING PROGRESS OF WORK, THE CONTRACTOR SHALL REMOVE REJECTED PLANT MATERIAL IMMEDIATELY FROM PROJECT SITE AS DIRECTED BY THE LANDSCAPE ARCHITECT OR OWNER.
14. ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE. ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, MISSING, 25% OR MORE DEAD, WHICH DO NOT DEVELOP FROM PLANTING, STOPPING, WILL APPEAR UNHEALTHY, UNUSUAL, AND/OR UNLAKED. THE NATURAL DEATH OF A DEAD BRANCHES DEAD OR REJECTED FOR ANY OTHER REASON (PRIOR TO SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH NEW PLANTING. SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING PER SPECIFICATIONS TO MAINTAIN HEALTHY PLANT CONDITIONS.
16. DELIVERY, STORAGE, AND HANDLING
 - A. PACKAGED MATERIALS: PACKAGED MATERIALS SHALL BE DELIVERED TO THE PROJECT AS SPECIFIED. ANALYSIS, AND NAME OF MANUFACTURER. MATERIALS SHALL BE PROTECTED FROM DETRIORATION DURING DELIVERY, AND WHILE STORED AT SITE.
 - B. TREES AND SHRUBS: THE CONTRACTOR SHALL PROVIDE TREES AND SHRUBS DUG FOR THE GROWING SEASON FOR WHICH THEY WILL BE PLANTED. THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING DIRECTED BY THE LANDSCAPE ARCHITECT. DO NOT BEND OR BIND-TIE TREES OR SHRUBS IN SUCH A MANNER AS TO DAMAGE MAIN BREAK BRANCHES OR DESTROY NATURAL CROOKS. PROVIDE PROTECTIVE COVERING DURING TRANSIT. DO NOT DROP BALLED AND BURLAPPED STOCK DURING DELIVERY OR HANDLING.
 - C. ALL PLANTS SHALL BE BALLED OR BURLAPPED OR CONTAINED IN GRADES AS SPECIFIED. PLANTS CONTAINING STOCK WILL BE ACCEPTED IF THE ROOT BOUND. ALL ROOTBALL PLANTS MUST BE REMOVED FROM THE TOP OF THE BALL. PLANTS THAT ARE PLANTING IF THE PLANT IS SHIPPED WITH ONE WARE BASKET AROUND A ROOT BALL, THE WARE BASKET SHALL BE CUT AND FOLDED DOWN 8 INCHES INTO THE PLANTING. PLANTS CONTAINING GROWN STOCK, THE BOTTOM CENTER SHAPE SHALL BE REMOVED AND ROOT BALL SHALL BE REMOVED THROUGH THE SURFACE IN TWO LOCATIONS.
 - D. THE CONTRACTOR SHALL HAVE TREES AND SHRUBS DELIVERED TO SITE AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED. PLANTING MUST BEGIN WITHIN 2 HOURS OF DELIVERY. THE CONTRACTOR SHALL SET TREES AND SHRUBS IN SHADE TO PROTECT FROM WEATHER AND MECHANICAL DAMAGE TO TREES AND ROOTS. COVERING WITH MULCH, BURLAP, OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE.

7. ALL LANDSCAPED AREAS TO BE CLEARED OF ROCKS, STUMPS, TRASH AND OTHER UNSIGHTLY DEBRIS. ALL FINE GRADED AREAS SHOULD BE GRADUATED TO A FINISH SURFACE. ALL CLUMPS AND UNEVEN SURFACES TO BE REMOVED PRIOR TO PLANTING OR MULCHING.
18. ALL PLANT MATERIAL SHALL BE INSTALLED AS PER DETAILS, NOTES AND CONTRACT SPECIFICATIONS. THE LANDSCAPE ARCHITECT MAY REVIEW INSTALLATION AND MAINTENANCE PROCEDURES.
19. CONTRACTOR'S GUARANTEE: ALL PLANTINGS AND PLANTING AREAS SHALL BE PERMANENTLY MAINTAINED. NEW PLANT MATERIAL SHALL BE GUARANTEED TO SURVIVE AND BE PROGRESSIVE GROWING CONDITION FOR A PERIOD OF ONE YEAR FOLLOWING ACCEPTANCE BY THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING BUT NOT LIMITED TO: WATERING, PRUNING, SPRAYING, MULCHING) ALL PLANTINGS AND ALL OF THE PLANT MATERIALS AND LAWN FOR THE DURATION OF THE GUARANTEED PERIOD. PLANT MATERIAL FOUND TO BE UNHEALTHY, DYING OR DEAD DURING THIS PERIOD, SHALL BE REMOVED AND REPLACED IN KIND BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.
20. THE CONTRACTOR SHALL KEEP AREA CLEAN DURING DELIVERY AND INSTALLATION OF PLANT MATERIALS. REMOVE AND DISPOSE OF OFF-SITE ANY ACCUMULATED DEBRIS OR UNUSED MATERIALS. REPAIR DAMAGE TO EXISTING AREAS AND SURFACES DURING COURSE OF CONSTRUCTION OPERATIONS.
21. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24-HOUR PERIOD AFTER PLANTING. PLANTS SHALL THEN BE WATERED WEEKLY OR AS REQUIRED BY SITE AND WEATHER CONDITIONS TO MAINTAIN VIGOROUS AND HEALTHY PLANT GROWTH.
22. AFTER PLANT IS PLACED IN TREE PIT LOCATION, ALL TWINING HOLLOWED ROOT BALL TOGETHER SHOULD BE COMPLETELY REMOVED AND THE HOLLOWED ROOT BALL SHOULD BE FILLED WITH MULCH. THE ROOT BALL IS EXPOSED. SYNTHETIC BURLAP SHOULD BE COMPLETELY REMOVED AFTER INSTALLATION.
23. ALL EXPOSED GROUND SURFACES THAT ARE NOT PAVED WITHIN THE CONTRACT LIMITS AND ARE NOT COVERED BY LANDSCAPE PLANTING OR SEEDING AS SPECIFIED, SHALL BE COVERED BY A NATURAL MULCH FROM A LOCAL SOURCE HARVESTED IN A SUSTAINABLE MANNER. MULCH SHOULD BE PULLED FROM THE TRUNK OF THE TREE. MULCH SHALL BE A FIBROUS SHREDDED HARDWOOD MULCH. MULCH SHOULD NOT BE PILED UP AROUND THE TRUNK OF ANY PLANT MATERIAL. NO MULCH SHALL BE ALLOWED TO TOUCH THE BASE OF THE TRUNK ABOVE THE ROOT COLLAR.
24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK. FOR ANY DISCREPANCIES BETWEEN THE PLANT SCHEDULE AND PLANTING PLAN THE PLANTING QUANTITIES SHOWN SHALL BE USED.
25. LANDSCAPE PLANTING SITE VISITS TO BE PERFORMED BY THE PROJECT LANDSCAPE ARCHITECT, IF UNDER CONTRACT FOR SUCH WORK, WILL NOT BE SCHEDULED UNTIL CONFIRMATION IS RECEIVED THAT ALL PROPOSED LANDSCAPE ITEMS HAVE BEEN INSTALLED, OR DEFICIENCIES NOTED IN THE PRIOR PUNCH LIST HAVE BEEN CORRECTED. THE PUNCH LIST SITE VISIT WILL THEN BE PERFORMED WITHIN 10 BUSINESS DAYS.
26. FALL DIGGING HAZARDS:
IT IS VERY RISKY TO TRANSPLANT THE FOLLOWING LIST OF TREES IN THE FALL:

BETULA VARIETIES	HALSÆIA VARIETIES
OSTREA	CARPUS VARIETIES
ILEX OPACA VARIETIES	PRUNUS - ALL STONE FRUITS
CELTIS VARIETIES	KOELERUPERIA PANICULATA
CECROPIDA VARIETIES	CECROPHYLLA VARIETIES
LIQUIDAMBAR VARIETIES	QUERCUS - EXCEPT PAESTRIS
CORNUS FLORIDA & VARS.	LIRIODENDRON VARIETIES
SAUX - WEEPING VARIETIES	CRATAEGUS VARIETIES
MAGNOLIA LEAF	SORBUS VARIETIES
GALIA VARIETIES	NYSSA SYLVATICA
TILIA TOMENTOSA VARIETIES	ZELKOVA VARIETIES
27. PLANTING SEASON:
DECIDUOUS B&B MATERIALS: MARCH 1 - MAY 1 /
OCTOBER 15 - DECEMBER 15
SHRUB MATERIAL: MARCH 1 - JUNE 1 /
AUGUST 15 - DECEMBER 15
EVERGREEN CONTAINER MATERIAL: MAY 15 /
AUGUST 15 - NOVEMBER 1

Long Island Power Authority ROUND SWAMP SUBSTATION ROUND SWAMP ROAD NASSAU COUNTY, NEW YORK			
LANDSCAPE NOTES AND DETAILS			
 175 EAST OLD COUNTRY RD HICKSVILLE, NEW YORK			
SCALE	VENDOR DWG. NO. C-20.0		
DRAWING NO. F105294	SMART NO. 5RSSS-FY-05006		REVISION

PS&S PROJECT NO.: 01315-0575

HICKSVILLE, NEW YORK

SCALE

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