#### XI. CONTRACTOR'S RESPONSIBILITY AND GUARANTEE

) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL PLANTS FOR ONE YEAR FOLLOWING THE DATE OF PLACEMENT INCLUDING WATERING ALL PLANTS AT THE TIME OF PLANTING AND AS NECDED THROUGHOUT THE GROWING SEASON. HE SHALL VISIT THE SITE MONTHLY DURING THE GROWING SEASON TO CHECK THE CHANT'S CONDITION, AND SHALL REPORT HIS FINDINGS TO THE OWNER'S REPRESENTATIVE.

IF AT THE TIME OF HIS VISIT, OR DURING A ROUTINE CHECK BY THE OWNER'S REPRESENTATIVE, IT IS DETERMINED THE PLANTS NEED WATER, THE PLANTS SHALL BE WATERED WITHIN THREE DAYS FROM THAT DATE, NOTICE WILL BE GIVEN THE CONTRACTOR BY THE OWNER'S REPRESENTATIVE BY TELEPHONE AND BY LETTER.

2) ALL PLANTS, WHICH WITHIN EIGHTEEN MONTHS FOLLOWING THE DATE OF THE PLANTING AND ACCEPTANCE BY THE OWNER, ARE IN AN UNHEALTHY CONDITION OR ARE UNSHAPELY DUE TO DEAD OR DYING PARTS, EXCEPT THOSE PLANTS WHOSE CONDITION IS CAUSED BY VANDALISM OR BY RABBITS, SHALL BE REPLACED AT NO EXTRA COST TO THE OWNER.

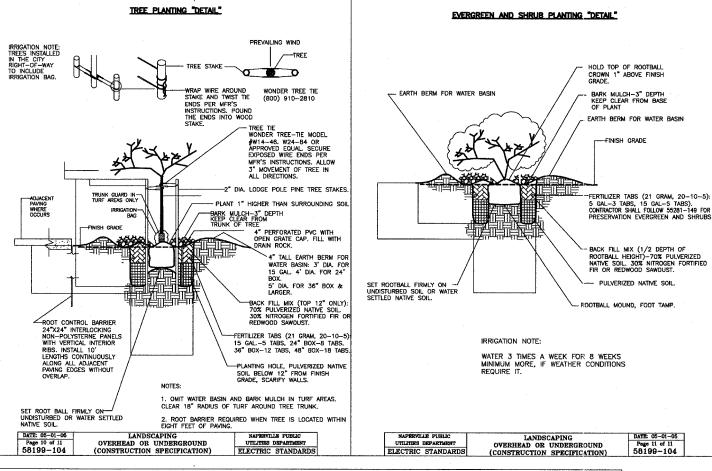
ALL REPLACEMENT PLANTS SHALL BE SELECTED, DELIVERED AND PLANTED IN ACCORDANCE WITH THIS SPECIFICATION, ALL REPLACEMENT PLANTS SHALL BE GUARANTEED FOR EIGHTEEN MONTHS FROM TIME OF REPLACEMENT AND SHALL RECEIVE THE SAME CARE AND TREATMENT AS THE ORIGINAL PLANTING.

THE CONTRACTOR WITH THE WRITTEN REPORT FROM THE ARBORIST, AND THE OWNER'S REPRESENTATIVE WILL DETERMINE, AND WILL AGREE IN WRITING, THE CAUSES OF THE PLANT'S DEATH OR DISSIGURATION. THE CONTRACTOR WILL RECEIVE IN WRITING A 1911 OF ALL PLANTS THAT SHALL BE REPLACED. UPON RECEIPT OF THIS LIST, THE CONTRACTOR SHALL, WITHIN THE SAME PLANTING SEASON AS THE DATE OF THE LIST, REMOVE ALL PLANTS ON THE LIST AND REPLACE THEM WITH HEALTHY PLANTS.

THE CONTRACTOR SHALL FURNISH AND HAVE AVAILABLE DURING THE LENGTH OF THE PROJECT A LICENSED, CERTIFIED ARBORIST FOR RECOMMENDATIONS, PURCHASE OF PLANT MATERIALS, DIRECTIONS, SUGGESTION AND GENERAL OVER SIGHT OF ALL ROOT PRUNING AND PLANTING OPERATIONS.

- 3) CONTRACTOR SHALL FURNISH, DELIVER, INSTALL STORE, AND MAINTAIN ALL PLANT MATERIALS INCLUDING TREES, SHRUBS AND FLOWERS FOR THE DURATION OF THE CONTRACT AND GUARANTEE PERIOD. ALL WATERING AND WINTER PROTECTION AT THE CONTRACTOR'S COST AND IS INCLUDED IN THE PRICING.
- 4) THE CONTRACTOR SHALL FURNISH ALL MATERIALS, FEES. TOOLS, FERTILIZER, WATER AND PLANT MAINTENANCE ON THIS SPECIFICATION PLUS ALL LANDSCAPING MATERIALS AND LABOR.
- 5) CONTRACTOR SHALL PRESERVE ALL TREES, SHRUBS AND EVERGREENS.

ELECTRIC STANDARDS



# TREE SHRUB AND EVERGREEN PRESERVATION REQUIREMENTS

## DBH = DIAMETER OF TRUNK AT BREAST HEIGHT (4 ½ FEET FROM GROUND LEVEL)

IANDSCAPING OVERHEAD OR UNDERGROUND (CONSTRUCTION SPECIFICATION)

 A CONTINUOUS SHRUB PLANTING, 15-GALLON SIZE MINIMUM WILL SCREEN STRUCTURE FOUNDATION. 15-GALLON SIZE TREES AND SHRUB/GROUND COVER PLANTING MAY ALSO BE REQUIRED.

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- PLANTING PLAN MUST LIST TOTAL SQUARE FEET OF LANDSCAPE AREA AND TOTAL TREES, SHRUBS AND EVERGREEN ON PLAN.
- 3) THE CONTRACTOR/ARBORIST SHALL SHOW THE PLAN AND PROFILE ALL EXISTING TREES, SHRUBS AND EVERGREEN TO BE SAVED, RELOCATED OR REMOVED, EXISTING TREES 3" CALIPER AND LARGER TO BE REMOVED, REQUIRE APPROVAL FROM THE CITY. IF THERE ARE NO EXISTING TREES ON THE SITE, THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT SHALL SUBMIT A LETTER TO DEVELOPMENT ORGANIZATION CERTIFYING THAT NO TREES, SHRUBS AND EVERGREENS EXIST ON THE SITE.
- 4) PLANS WITH TREES, SHRUBS AND EVERGREENS TO BE PRESERVED AND RELOCATED MUST CONFORM TO THE ARBOR ANY FOUNDATION SPECS, AND CITY'S REQUIREMENT TO INSTALL ELECTRICAL FACILITIES
- 5) IF ROOT BARRIERS ARE PROPOSED BY APPLICANTS, THEY SHALL NOT CIRCLE ROOTBALLS, BUT BE PLACED ALONG PAVING EDGE.
- 6) Branches from mature trees may not overhand conductors, buildings or roofs.
- PLANT ADJACENT TO BUILDINGS OR OTHER BULLT FEATURES MUST BE PROVIDED IN THE FOLLOWING MINIMUM WAYS:
- SMALL TREES (TO 15 FEET TALL) NO CLOSER THAN 6 FEET FROM BUILDING 10 FEET FROM STEEL POLES 15 FEET
  FROM PAVING, CURBS OR WALLS WITH A MINIMUM PLANTING ARE 5 FEET WIDE.
- MEDIUM TREES (TO 30 FEET TALL) NO CLOSURE THAN 10 FEET FROM BUILDING 10 FEET FROM STEEL POLESOR 15
  FEET FROM PAVING, CURBS OR WALLS WITH A MINIMUM PLANTING AREA 6 FEET WIDE
- INSTALL 3" SHREDDED (WALK ON) BARK MULCH IN ALL PLANTING AREAS NOT SHOWN TO RECEIVE TURF OR HYDROSEED. USE OF "GORILLA HAIR" IS PROHIBITED.

## TREE SURVEY STANDARDS:

TREE SURVEY IS REQUIRED FOR ALL TENTATIVE TRANSMISSION LINE WORK SUBJECT TO REVIEW BY THE CITY. THE INFORMATION CONTAINED ON AN ACCURATE TREE SURVEY PROVIDES THE CITY AND THE CONTRACTOR WITH SUFFICIENT INFORMATION UPON WHICH TO MAKE DECISIONS REGARDING THE PRESERVATION OF TREES.

SITES WITH NO EXISTING TREES MAY AVOID THE TREE SURVEY REQUIREMENT BY SUBMITTING A LETTER SIGNED BY A LICENSED CERTIFIED ARBORIST ATTESTING TO THE FACT THAT THERE ARE NO EXISTING TREES ON THE SITE. THE TREE SURVEY SHALL BE SUBMITTED FOR APPROVAL TO THE CITY WITH PLANS.

- TREE SURVEY SHALL BE INCLUDED ON THE WORK PLAN, PRIOR TO PERFORMING ANY WORK ON A SEPARATE SHEET AT SAME SCALE AS PLANS, AND NUMBERED IN SEQUENCE WITH THE PROJECT PLANS AND COORDINATED WITH THE WORK
- 2) TREE SURVEY SHALL SHOW ALL TREES WITH 3-INCH DBH OR GREATER OR ALL TREES IF THE SITE HAS TREES. TREES SHALL BE CORRECTLY LABBELED WITH SPECIES, DBH, AND SPOT ELEVATION AT BASE OF TREE.
- 3) TREE SURVEY MUST ACCURATELY LOCATE TREE TRUNKS AND CANOPIES, AND BE PREPARED BY AND CERTIFIED BY A LICENSED SURVEYOR. IF NO TREES 3 INCH DEH OR GREATER EXIST ON THE SITE, THE LANDSCAPE ARBORIST SHALL SUBMIT A LETTER TO THE CITY STATING THAT NO TREES EXIST.
- 4) TREE SURVEY SHALL CLEARLY INDICATE THOSE TREES THE CONTRACTOR PREFERS TO RELOCATE, PRESERVE IN PLACE, OR REMOVE. EMPHASIS SHALL BE ON TREE PRESERVATION.
- 5) TREE SURVEY MUST BE REVIEWED AND APPROVED BY THE CITY PRIOR TO COUNTY APPROVAL.

| DATE: 05-01-05 | TREE, SHRUB AND EVERGREEN PRESERVATION REQUIREMENT | NAPERVILLE PUBLIC    |
|----------------|--|----------------------|
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| F.A.U. RTE. | SECTION        |          | COUNTY          | TOTAL SHEETS | SHEET NO |
|-------------|----------------|----------|-----------------|--------------|----------|
| 1545        | 00-00115-00-BR |          | DUPAGE          | 97           | 85       |
| STA. 1+31.7 | 7              |          | TO STA, 5+50.00 |              |          |
| FED. ROAD D | NO.            | ILLINOIS | FED. AII        | PROJECT      |          |

CONTRACT 83961

# TREE SHRUB AND EVERGREEN PRESERVATION REQUIREMENTS

DBH = DIAMETER OF TRUNK AT BREAST HEIGHT (4 1/4 FEET FROM GROUND LEVEL)

THE CITY REGULATES THE REMOVAL AND DESTRUCTION OF EXISTING TREES TO PRESERVE THE VISUAL BEAUTY THAT TREES PROVIDE TO THE RESIDENTS AND VISITORS TO THE CITY, ENVIRONMENTAL BENEFIT THEY PROVIDE SUCH AS REDUCING HEAT BUILDUP AND CONTROLLING WIND AND ENGSION, AND THER CONTRIBUTION TO PROPERTY VALUES. TREES, SHRUBS AND EVERGREENS HAVE VALUE AS INDIVIDUAL TREES, SHRUBS OR EVERGREENS AS GROUP OF TREES, SHRUBS OR EVERGREENS, AND AS A COMPROMENT OF THE OVERALL URBAN POREST TO THE EVENT THAT TREES, SHRUBS OR EVERGREENS ARE CONTRIBUTING IN THESE WAYS TO THE PUBLIC WELFARE OF THE PEOPLE OF THE CITY, TREES, SHRUBS OR EVERGREENS WILL BE PROTECTED AND PRESERVED THROUGH THE REGULATION OF THEIR REMOVAL AND DAMAGE TO THEM

#### TRANSMISSION LINE PROJECTS AND TREE REMOVALS:

THE CITY REQUIRES THAT ALL TREES WITH A DBH OF 3" OR MORE, OTHER THAN COMMERCIAL NUT AND FRUIT BEARING TREES AND ARE PART OF ANY TRANSMISSION LINE WORK CAN NOT BE REMOVED WITHOUT A COMPLETED TREES AND SERIES SLAVOUT THAT INCLUDES AN APPROVAL FROM THE CITY.

#### INFORMATION AVAILABLE ON TREES FROM OTHER SOURCES:

THE NATIONAL ARBOR DAY FOUNDATION PRODUCES A TREE CITY USA BULLETIN THAT PROVEDS A STRAIGHT FORWARD APPROACH TO TREE CARE. DOWNLOAD THE BULLETIN PROM THE URBAN FOREST ECOSYSTEMS INSTITUTE, SPONSORED BY CALFORNIA POLYTECHNIC STATE UNIVERSITY.

THE INTERNATIONAL SOCIETY OF ARBORICULTURE PRODUCES A NUMBER OF CONSUMER ORIENTED BROCHURES TO HELP PEOPLE PURCHASE AND CARE FOR TREES.

THE ARBOR DAY FOUNDATION HAS A TRAINING AND AWARDS PROGRAM FOR DEVELOPERS COMMITTED TO TREE PRESERVATION THROUGH DEVELOPMENT.

#### MINIMUM LANDSCAPE REQUIREMENTS & POLICIES:

THE FOLLOWING LIST OF ITEMS AND MINIMUM REQUIREMENTS MUST BE COMPLETED BY THE CONTRACTOR/ARBORIST PRIOR TO PERFORMING ANY WORK. THERE MAY BE OTHER CONDITIONS THAT PERTAIN TO AN INDIVIDUAL PROJECT THAT ARE NOT LISTED BNELOW. THE CONTRACTOR SHALL BE MADE AWARE OF SUCH REQUIREMENTS DURING THE BID MEETING OR BY LETTER.

- 1) THE CONTRACTOR/ARB ORIST SHALL SUBMIT COMPLETED LANDSCAPE PLANS INCLUDING SPECIFICATIONS IN COMPLIANCE WITH ALL CITY REQUIREMENTS. THE LANDSCAPE PLANS SHALL DENOTE "THE LOCATION OF ALL EXISTING AND PROPOSED ON SITE LANDSCAPE MATERIALS AND STREET INTERES INCLUDING A COMPLETE KEYED PLANT LIST SHOWING QUANTITIES, CONTAINER SIZES, AND CORRECT BOTANICAL DESIGNATIONS OF ALL LANDSCAPE MATERIALS, DESIGN DETAILS FOR SUCH LANDSCAPE ARCHITETURAL FEATURES AS WALLS OR FENCES, LIGHTING, FAVING PATTERNS, ARE ONS, BENCHES, FOUNTAINS AND OTHER LIFE FEATURES". ALL AREAS NOT OTHERWISE OCCUPIED BY STRUCTURE OR PAVED AREAS SHALL BE LANDSCAPED AND WATERED BY AN ADEQUATE WATERNO SYSTEM.
- 2) EXISTING AND PROPOSED TREES MUST BE SHOWN IN THE STREET RIGHT-OF-WAY OR EASEMENT AND IDENTIFIED BY PROPSED SPECIES. CITY TREES AND ALL TREES IN THE CITY RIGHT-OF-WAY REQUIRE BUBBLERS.
- 3) THE CONTRACTOR/ARB ORIST SHALL CONTACT THE CITY PRIOR TO TREE PLANTING FOR APPROVAL OF LOCATIONS, AND AFTER PLANTING FOR FENAL INSPECTION AND ACCEPTANCE OF ALL RIGHT-OF-WAY AND RACK-UPL LANDSCAPING
- 4) THE CONTRACTOR/ARBORIST SHALL CONTACT THE PROJECT ENGINEER FOR FINAL INSPECTION OF LAND SCAPING. THE CONTRACTOR/ARBORIST SHALL SUBMIT A LETTER TO THE CITY OF NAPERVILLE CERTIFYING THE PLANTING HAS BEEN INSTALLED IN CONFORMINGE WITH THE APPROVED PLANTING PLANS, SUBJECT TO THE REVIEW AND APPROVAL OF THE CITY OF NAPERVILLE.

NAPERVILLE PUBLIC
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CITY OF NAPERVILLE/DEPARTMENT OF PUBLIC UTILITIES - ELECTRIC

CALL J.U.L.I.E. 48 HRS. PRIOR TO CONSTRUCTION

CONSTRUC