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GENERAL LANDSCAPE NOTES																								ESTABLISHMENT NOTES AND STANDARDS				Call Before You Dig				JULIE				L2.0																																											
<p>1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING MATERIALS AND PLANTS SHOWN ON THE LANDSCAPE PLAN. THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT LANDSCAPE, PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR OR THEIR SUBCONTRACTOR'S OPERATIONS DURING INSTALLATION OR DURING THE SPECIFIED MAINTENANCE PERIOD. CALL FOR UTILITY LOCATIONS PRIOR TO ANY EXCAVATION.</p> <p>2. THE CONTRACTOR SHALL REPORT ANY DISCREPANCY IN PLAN VS. FIELD CONDITIONS IMMEDIATELY TO THE LANDSCAPE ARCHITECT, PRIOR TO CONTINUING WITH THAT PORTION OF WORK.</p> <p>3. NO PLANTING WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.</p> <p>4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.</p> <p>5. ALL PLANTS TO BE SPECIMEN GRADE, WELL BRANCHED, HEALTHY, FULL, PRE-INOCULATED AND FERTILIZED. PLANTS SHALL BE FREE FROM DISEASE, PESTS, WOUNDS, AND SCARS. PLANTS SHALL BE FREE FROM NOTICEABLE GAPS, HOLES, OR DEFORMITIES. PLANTS SHALL BE FREE FROM BROKEN OR DEAD BRANCHES. TRUNKS WILL BE WRAPPED IF NECESSARY TO PREVENT SUN SCALD AND INSECT DAMAGE. THE LANDSCAPE CONTRACTOR SHALL REMOVE THE WRAP AT THE PROPER TIME AS PART OF THIS CONTRACT.</p> <p>6. THE OWNER'S REPRESENTATIVE MAY REJECT ANY PLANT MATERIALS THAT ARE DISEASED, DEFORMED, OR OTHERWISE NOT EXHIBITING SUPERIOR QUALITY.</p> <p>7. ALL NURSERY STOCK SHALL BE GUARANTEED, BY THE CONTRACTOR, FOR ONE YEAR FROM DATE OF FINAL INSPECTION. THE GUARANTEE BEGINS ON THE DATE OF THE LANDSCAPE ARCHITECT'S OR OWNERS WRITTEN ACCEPTANCE OF THE INITIAL PLANTING. REPLACEMENT PLANT MATERIAL SHALL HAVE A ONE YEAR GUARANTEE COMMENCING UPON PLANTING.</p> <p>8. PLANTS TO MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2014 OR MOST CURRENT VERSION) REQUIREMENTS FOR SIZE AND TYPE SPECIFIED.</p> <p>9. PRUNE PLANTS AS NECESSARY- PER STANDARD NURSERY PRACTICE AND TO CORRECT POOR BRANCHING OF EXISTING AND PROPOSED TREES.</p> <p>10. SEED LIMIT LINES ARE APPROXIMATE. CONTRACTOR SHALL SEED ALL AREAS WHICH ARE DISTURBED WITH THE SPECIFIED SEED MIXES.</p> <p>11. CONTRACTOR SHALL INSTALL SHREDDED HARDWOOD MULCH AT A 3" DEPTH TO ALL TREES AND SHRUB.</p> <p>12. INSTALLATION OF TREES WITHIN PARKWAYS SHALL BE COORDINATED IN THE FIELD WITH LOCATIONS OF UNDERGROUND UTILITIES. TREES SHALL NOT BE LOCATED CLOSER THAN 5' FROM UNDERGROUND UTILITY LINES AND NO CLOSER THAN 10' FROM UTILITY STRUCTURES.</p> <p>13. DO NOT DISTURB THE EXISTING PAVING, LIGHTING, OR LANDSCAPING THAT EXISTS ADJACENT TO THE SITE UNLESS OTHERWISE NOTED ON PLAN.</p> <p>14. PLANT QUANTITIES SHOWN ARE FOR THE CONVENIENCE OF THE OWNER AND JURISDICTIONAL REVIEW AGENCIES. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES AS DRAWN.</p> <p>15. THE CONTINUED MAINTENANCE OF ALL REQUIRED LANDSCAPING SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY ON WHICH SAID MATERIALS ARE REQUIRED. ALL PLANT MATERIALS REQUIRED BY THIS SECTION SHALL BE MAINTAINED AS LIVING VEGETATION AND SHALL BE PROMPTLY REPLACED IF THE PLANT MATERIAL HAS DIED PRIOR TO FINAL ACCEPTANCE.</p> <p>16. SPOT HERBICIDE TREATMENT SHOULD ONLY BE USED IN AREAS OF LIVESTOCK GRAZING AS A LAST RESORT TO CONTROL WEEDS AND SHOULD BE APPLIED IN A VERY CONCENTRATED LOCATION AT THE BASE OF WEEDS. NO GENERAL SPAY OF HERBICIDES IS TO BE USED FOR ANY SEeded AREAS.</p> <p>17. ONLY HERBICIDES FORMULATED FOR PET AND ANIMAL SAFETY SHALL BE USED.</p> <p>18. ALL PLANTS IMPORTED ACROSS ILLINOIS STATE LINES MAY BE SUBJECT TO CERTIFICATION AND INSPECTION PRIOR TO PLANTING.</p> <p>19. ALL WORK DEEMED NATURAL AREA TO BE SEeded OR PLANTED SHALL BE PERFORMED BY A QUALIFIED LANDSCAPE CONTRACTOR.</p> <p>20. SEED LIMIT LINES ARE APPROXIMATE. THE CONTRACTOR SHALL SEED ALL AREAS WHICH ARE DISTURBED WITH THE SPECIFIED SEED MIXES.</p> <p>21. SEED SHALL BE OBTAINED FROM SOURCES SPECIALIZING IN NATIVE SPECIES, WHEN AVAILABLE OR AS APPROVED BY CLIENT OR CLIENT'S REPRESENTATIVE.</p> <p>22. ALL SEED MIXES SHALL BE INSTALLED WITH A COVER CROP DEPENDENT ON SEASON AND REQUIREMENTS SPECIFIED PER SEED MIX / SEED SUPPLIER.</p>																								<p>TREE / SHRUB ESTABLISHMENT</p> <p>PREPARATION</p> <p>HOLES DUG FOR TREES AND SHRUBS SHALL BE NO DEEPER THAN THE ROOTBALL OR CONTAINER, MEASURED TO THE TRUNK FLARE. DIAMETER OF HOLES SHALL BE TWICE THE DIAMETER OF THE ROOT BALL FOR TREES, AND AT MINIMUM 6 INCHES BEYOND THE DIAMETER OF CONTAINERS FOR SHRUBS.</p> <p>INSTALLATION</p> <p>INSTALL TREES AND SHRUBS SO THAT THE TRUNK FLARE IS AT A MAXIMUM 2 INCHES ABOVE GRADE, AND AT MINIMUM, AT GRADE. REMOVE CONTAINER AND REMOVE ANY BURLAP 6 INCHES FROM THE HEIGHT OF THE ROOT BALL, THEN BACKFILL TO FINISHED GRADE USING EXCAVATED SOIL FROM THE DUG HOLE.</p> <p>SEED AREA ESTABLISHMENT</p> <p>PREPARATION</p> <p>SOIL PH IS TO BE TESTED PRIOR TO AMENDMENT AND FINAL GRADING. LIME OR SULFUR IS TO BE ADDED IN APPROPRIATE QUANTITY TO BRING PH TO ACCEPTABLE LEVELS FOR SEED APPLICATION AS NEEDED. IN AREAS OF SOIL AMENDMENT OR EXISTING AGRICULTURAL LAND, SOIL IS RECOMMENDED TO BE DISKED, CULTIVATED, AND PLANED / ROLLED AS NEEDED. SOILS SHALL BE UNIFORM, WITHOUT EXCESSIVE FURROWS, RUTS, OR RIDGES, AND LOW AREAS WHERE WATER MAY COLLECT. SOIL PREPARATION SHALL OCCUR WHEN WEATHER PERMITS AND TIMING ALLOWS FOR AT LEAST A FOLLOWING 48 HOURS WHERE SEEDING AND STABILIZATION METHODS MAY TAKE PLACE.</p> <p>TIMING</p> <p>IN ORDER TO MINIMIZE INITIAL USES OF BROAD APPLICATION HERBICIDE TREATMENT, AND PROMOTE EARLY AND STRONG ESTABLISHMENT OF SPECIFIED SEED MIXES WITH MINIMAL UNDESIRABLE WEED COMPETITION, DORMANT SEEDING SHOULD BE UTILIZED AS SITE CONDITIONS AND CONSTRUCTION TIMELINE PERMITS. IF ACTIVE SEASON SEEDING SHOULD BE REQUIRED, IT IS RECOMMENDED TO DO SO BETWEEN APRIL 1ST AND MAY 30TH, AFTER RISK OF MAJOR FREEZING CONDITIONS IS MINIMIZED. COVER CROPS MAY BE SEDED AT ANY TIME IN THE EVENT THAT STABILIZATION IS REQUIRED OUTSIDE OF RECOMMENDED PLANTING TIMES. COVER CROPS MAY BE REQUIRED TO BE IRRIGATED IF APPLIED DURING WARM SEASONS AND IF ADEQUATE SOIL MOISTURE IS NOT PRESENT.</p> <p>APPLICATION</p> <p>SEED MIXTURES SHALL BE MECHANICALLY DRILLED, BROADCAST, OR HYDROSEEDED WITH STRAW MULCH PER SUPPLIER'S RECOMMENDATION (IF APPLICABLE). NO STRAW MULCH IS REQUIRED IF DRILL APPLIED, UNLESS NEEDED FOR STEEP SLOPES, SOIL STABILIZATION, OR OTHER AREAS THAT ARE IDENTIFIED FOR EROSION PREVENTION. SEED SHALL BE APPLIED AT INDICATED RATES WITH COVER CROP OATS, JAPANESE MILLET, WINTER PEA, OR ANNUAL RYE DEPENDENT ON SEASON AND SOIL CONDITIONS. SEED SPECIES SHALL BE LOCALLY SOURCED WHEN FEASIBLE. FINAL SEED MIX MAY VARY DEPENDENT UPON SPECIFIC SPECIES AVAILABILITY AND TIME OF INSTALLATION. FINAL SEED MIX SHALL BE APPROVED BY OWNER, OWNER'S REPRESENTATIVE, OR LANDSCAPE ARCHITECT. IF SEEDING IS PERFORMED PRIOR TO FINAL SITE INSTALLATION, ADDITIONAL SEED MAY BE APPLIED BY A LOW SPREADER IN AREAS THAT WERE DISTURBED. SITE SHOULD BE MONITORED FOLLOWING INSTALLATION FOR AREAS IDENTIFIED FOR ADDITIONAL RESEEDING UNTIL SEED MIX IS SUFFICIENTLY ESTABLISHED.</p> <p>INVASIVE WEED CONTROL, MONITORING, AND MANAGEMENT</p> <p>A WORK PLAN SHOULD BE DEVELOPED TO AVOID THE SPREAD OF INVASIVE PLANTS FROM THESE AREAS. IF SUBSTANTIAL AREAS OF INVASIVE HERBACEOUS SPECIES ARE FOUND PRIOR TO OR AFTER PROJECT DEVELOPMENT, FOLIAR OR BROADCAST HERBICIDE APPLICATIONS MAY BE REQUIRED. FOR INVASIVE TREES, SHRUBS, AND VINES, MANAGEMENT MAY REQUIRE CUT-STEM HERBICIDE TREATMENTS. ALL INVASIVE SPECIES MANAGEMENT SHOULD BE CONDUCTED DURING THE SUMMER MONTHS WHILE THE TARGET PLANTS ARE ACTIVELY GROWING. TREATMENTS SHOULD BE CONDUCTED BETWEEN JULY AND AUGUST OF EACH YEAR AND SHOULD BE SEPARATED BY AT LEAST TWO WEEKS. APPROXIMATELY TWO HERBICIDE TREATMENTS SHOULD BE SCHEDULED PER SEASON FOR AT LEAST TWO YEARS FOLLOWING INITIATION OF PROJECT WORK. HERBICIDE USE REPORTING WILL ADHERE TO ALL APPLICATOR LICENSING REQUIREMENTS.</p>				<p>NOTES:</p> <ol style="list-style-type: none"> 1. APPLY CORRECTIVE PRUNING. 2. SET ROOT BALL OR CONTAINER ON UNEXCAVATED OR TAMPED SOIL. TOP OF ROOTBALL (CONTAINER) SHALL BE ONE INCH ABOVE SURROUNDING GRADE. FOR LARGER SHRUBS WITHIN PLANTING BED DIG A DEEPER PIT ONLY FOR THOSE SHRUBS. 3. REMOVE BURLAP FROM TOP HALF THE LENGTH OF ROOTBALL. TWINE AND (IF USED) SYNTHETIC MATERIAL SHALL BE REMOVED FROM PLANTING BED. FOR CONTAINER GROWN SHRUBS, REMOVE CONTAINER AND LOSEN ROOTS PRIOR TO INSTALLATION. 4. REMOVE OR CORRECT GIRDLING ROOTS. 5. PLUMB AND BACKFILL WITH AMENDED SOIL PER LANDSCAPE NOTES. WATER THOROUGHLY WITHIN TWO HOURS. 6. APPLY MULCH IN EVEN LAYER, KEEPING AWAY FROM ROOT FLARE. MULCH LIMITS FOR SHRUBS EXTEND TO ALL LIMITS OF PLANTING BED, SEE PLANS FOR BED LAYOUTS. 								<p>NOTES:</p> <ol style="list-style-type: none"> 1. APPLY CORRECTIVE PRUNING. 2. 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