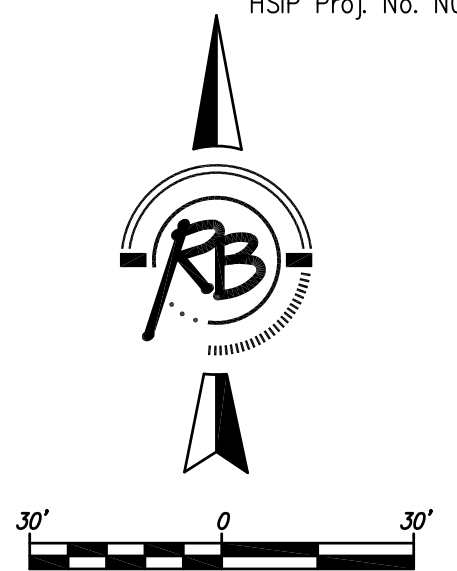


FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0493-01	2012	54	59

HSP Proj No. N049 (301)



## GENERAL PLANTING NOTES

- PRIOR TO BEGINNING ANY WORK ON THE SITE, THE CONTRACTOR SHALL CONTACT THE CITY OF WICHITA PARK AND RECREATION DEPARTMENT AND THE ENGINEER/LANDSCAPE ARCHITECT TO ADDRESS ANY QUESTIONS AND IDENTIFY ANY TREES WHICH NEED TO BE PROTECTED.
- LANDSCAPE CONTRACTOR SHALL PROVIDE LABOR, MATERIALS AND SERVICE NECESSARY TO FURNISH AND INSTALL MATERIALS AS SPECIFIED HEREIN AND SHOWN ON THE PLANS.
- NO MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT LANDSCAPE ARCHITECT'S WRITTEN APPROVAL. ALTERNATE MATERIALS OF SIMILAR SIZE AND CHARACTER MAY BE CONSIDERED IF SPECIFIED PLANT MATERIALS CANNOT BE OBTAINED. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REVISE THE PLANT LIST AS DEEMED NECESSARY.
- QUANTITIES OF PLANT MATERIALS SHOWN ON THE PLAN TAKE PRECEDENCE OVER THE QUANTITIES SHOWN ON THE PLANT SCHEDULE. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE PLANTING PLAN.
- REPORT DISCREPANCIES IN THE PLANTING PLAN TO THE LANDSCAPE ARCHITECT PRIOR TO PURCHASING MATERIALS OR COMMENCING CONSTRUCTION.
- REVIEW THE LANDSCAPE SPECIFICATION SECTION LOCATED IN THE PROJECT MANUAL FOR ADDITIONAL PROJECT RESPONSIBILITIES AND INSTRUCTIONS.

### SITE PREPARATION AND EARTHWORK

- PRIOR TO ANY EXCAVATION FOR LANDSCAPING PURPOSES, THE LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE DETERMINED BY CALLING KANSAS ONE CALL AT 811 OR 1-800-DIG-SAFE OR 316-687-2470. CONTRACTOR SHALL CALL A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO COMMENCING WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO EXISTING UTILITIES.
- TOPSOIL HAULED TO THE SITE SHALL BE FERTILE, FRIABLE, NATURAL LOAM SOIL OF UNIFORM QUALITY CHARACTERISTIC OF REPRESENTATIVE LOCAL SOILS WHICH PRODUCE HEAVY GROWTH OF CROPS GRASSES, OR OTHER VEGETATION. SOIL SHALL BE FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS ROOTS, STONES, TRASH, OR ANY OTHER DELETERIOUS MATERIALS.
- TOPSOIL SHALL BE DELIVERED IN AN UNFROZEN AND NON-MUDDY CONDITION AND SHALL BE SUBJECT TO APPROVAL OF THE LANDSCAPE ARCHITECT. SOLUBLE SALTS SHALL NOT EXCEED 500 ppm AND ORGANIC MATTER SHALL BE NO LESS THAN 1.5% BY WEIGHT. pH SHALL RANGE BETWEEN 6.0 AND 7.5.
- LANDSCAPE CONTRACTOR SHALL HAVE TOPSOIL TESTED BY A CERTIFIED TESTING LABORATORY AND OBTAIN RECOMMENDATIONS FOR SOIL AMENDMENT TYPE(S) AND QUANTITIES. SUBMIT A COPY OF THIS REPORT TO THE LANDSCAPE ARCHITECT FOR THEIR RECORDS. RECOMMENDATIONS SHALL BE SPECIFIC TO THE TOPSOIL USED AND THE PLANT MATERIALS SPECIFIED IN THE PLANS. A SAMPLE OF THE TOPSOIL TO BE USED SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
- TOPSOIL:
 

THE LANDSCAPE CONTRACTOR SHALL VERIFY THE EXISTENCE OF A MINIMUM OF 4" OF VIABLE TOPSOIL IN AREAS THAT HAVE HAD NO STRIPPING OPERATIONS AND THAT SHALL BE SEEDED. IF LESS THAN 4" EXIST, THE LANDSCAPE CONTRACTOR SHALL ADD TOPSOIL TO THESE AREAS.

IN AREAS THAT HAVE BEEN STRIPPED FOR GRADING AND CONSTRUCTION PURPOSES, NO LESS THAN 4" OF TOPSOIL SHALL BE SPREAD EVENLY OVER THOSE AREAS PRIOR TO SEEDING OPERATIONS.

IN AREAS THAT ARE TO BE PLANTED WITH SHRUBS, NO LESS THAN 12" OF TOPSOIL SHALL BE SPREAD.

### PLANTING PREPARATION

- CULTIVATE PLANTING BEDS TO A DEPTH OF 8". TILL AMENDMENTS INTO THE PLANTING BEDS AT THE RATIOS SPECIFIED BY A CERTIFIED TOPSOIL ANALYSIS.
- BACKFILL: FOR PLANT EXCAVATIONS, BACKFILL SHALL BE CLEAN, NATURAL TOPSOIL, MIXED WITH AMENDMENTS AT THE RATIOS SPECIFIED BY A CERTIFIED TOPSOIL ANALYSIS.

### PLANTING MATERIALS

- PLANT MATERIALS SHALL BE WELL FORMED AND DEVELOPED IN GOOD CONDITIONS, HEALTHY AND DISEASE-FREE, AND BE TYPICAL OF THE SPECIES. PLANTS SHALL COMPLY IN ALL APPLICABLE RESPECTS WITH ACCEPTABLE STANDARDS AS SET FORTH IN THE AMERICAN ASSOCIATION OF NURSERYMAN'S "AMERICAN STANDARD OF NURSERY STOCK". HEIGHT OF PLANT MATERIALS SHALL BE MEASURED FROM EXISTING SOIL LINE AT TOP OF ROOTBALL TO TOP OF CROWN.
- PLANT MATERIALS SHALL BE PROTECTED BY THE DRYING ACTION OF THE SUN AND WIND AFTER BEING DUG, WHILE BEING TRANSPORTED, AND WHILE AWAITING PLANTING. BALLS OF PLANTS WHICH CANNOT BE PLANTED IMMEDIATELY SHALL BE PROTECTED FROM DRYING ACTION BY COVERING THEM WITH MOIST MULCH. PERIODICALLY, APPLY WATER TO MULCH-COVERED ROOT BALLS TO KEEP MOIST. IF PLANTING SHOULD OCCUR DURING GROWING SEASON, APPLY ANTI-DESSICANT BEFORE TRANSPORT TO REDUCE THE LIKELIHOOD OF WIND BURN. REAPPLY ANTI-DESSICANT AFTER PLANTING TO REDUCE TRANSPIRATION.
- PLANTS DESIGNATED CONTAINER GROWN SHALL HAVE BEEN GROWN IN POTS, CANS OR BOXES FOR A MINIMUM OF SIX MONTHS AND A MAXIMUM OF TWO YEARS. THESE PLANTS SHALL BE REMOVED FROM CONTAINERS BEFORE PLANTING. PLANTS THAT APPEAR ROOT-BOUND SHALL BE REJECTED.
- PLANT LOCATIONS ARE APPROXIMATE. ADJUST AS NECESSARY TO AVOID CONFLICTS.
- USE TRIANGULAR SPACING ON ALL NATIVE FORBS AND PERENNIALS.
- PLANT SUBSTITUTIONS WILL ONLY BE ALLOWED UNDER THE FOLLOWING CIRCUMSTANCES: LANDSCAPE CONTRACTOR SHALL SUBMIT A WRITTEN SUBSTITUTION REQUEST TO THE LANDSCAPE ARCHITECT STATING WHAT PLANTS TO BE SUBSTITUTED AND THE REQUESTED SUBSTITUTION PLANT ALONG WITH EXPLANATION OF SUBSTITUTION REQUEST. NO SUBSTITUTION SHALL CONSTITUTE AN INCREASE IN THE COST FROM THE ORIGINAL CONTRACT AMOUNT. ANY PLANT SUBSTITUTIONS MADE WITHOUT APPROVAL SHALL BE REPLACED BY THE LANDSCAPE CONTRACTOR AT THE TIME OF INSPECTION AT NO COST TO THE PROJECT.
- PLACE 4" OF MULCH IN ALL TREE SAUCERS AND AROUND INDIVIDUAL SHRUB PLANTINGS LOCATED IN THE PLANTING BEDS SHOWN ON THE PLANS.
- PLANTING BEDS RECEIVING MULCH SHALL BE FREE OF WEEDS, GRASS AND DEBRIS. TREAT BEDS WITH A PRE-EMERGENT WITH TREFLAN, SUCH AS PREEN, PRIOR TO PLANTING AND MULCH PLACEMENT. A SECOND APPLICATION SHOULD BE APPLIED IF WEEDS EMERGE PRIOR TO COMPLETION OF WORK. APPLY IN ACCORDANCE WITH STANDARD TRADE PRACTICE AND MANUFACTURER'S PRODUCT LABELING.

### RELATED ITEMS

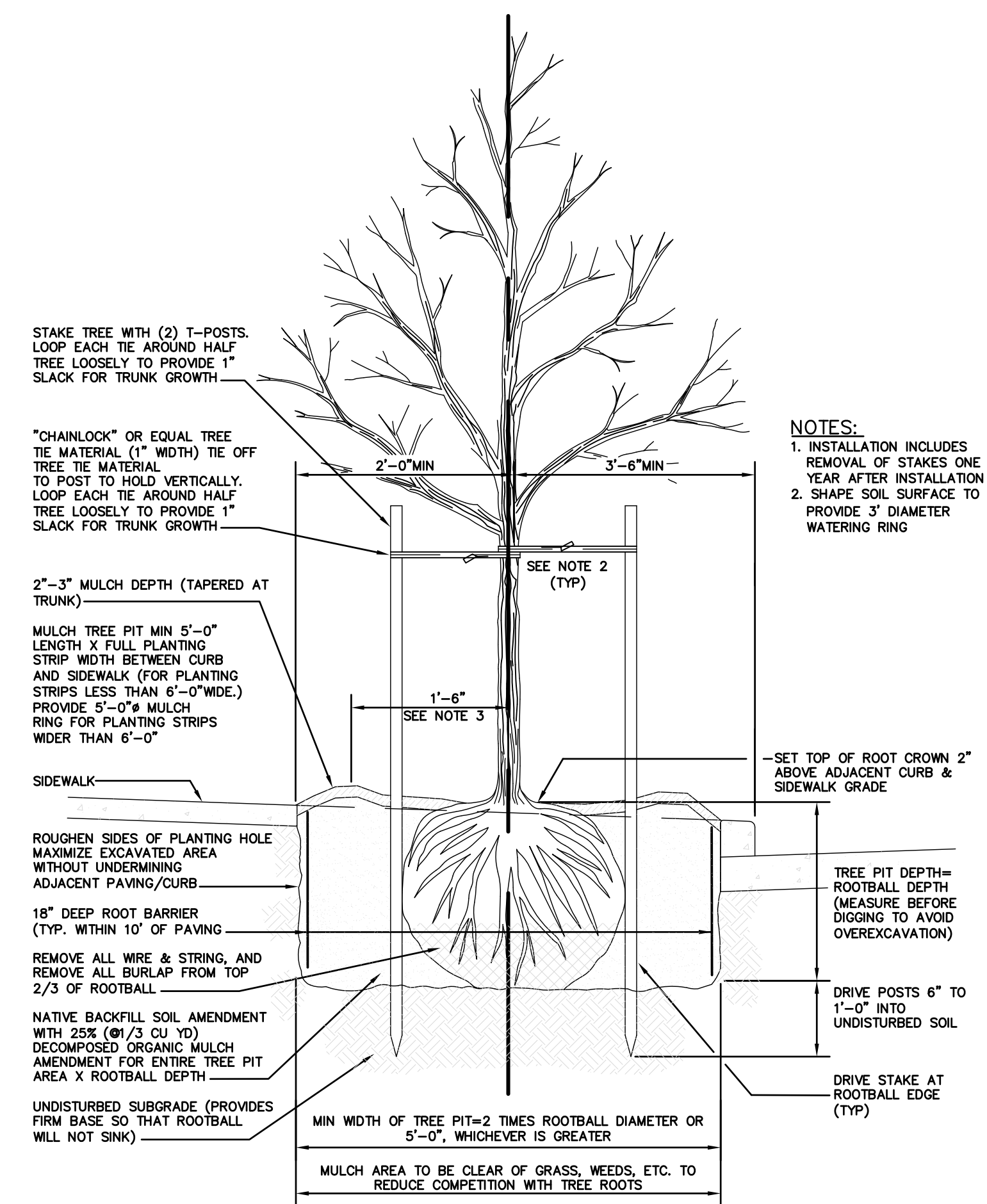
- ALL BEDS ARE TO HAVE A SHOVEL CUT EDGE PER DETAIL TO PROVIDE SEPARATION FROM SEEDED AREAS.
- MULCH: USE SHREDDED HARDWOOD MULCH FOR ALL TREE SAUCERS AND INDIVIDUAL SHRUB PLANTING AREAS.

### MAINTENANCE AND CLEAN-UP

- THE CONTRACTOR SHALL PROVIDE ALL WATER, WATERING DEVICES, AND LABOR NEEDED TO IRRIGATE PLANT MATERIALS FOR THE GREATER OF 45 DAYS OR UNTIL PROVISIONAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SHALL SUPPLY ENOUGH WATER TO MAINTAIN THE PLANTS' HEALTHY CONDITION THROUGHOUT THE MAINTENANCE PERIOD.
- REMOVE ALL RUBBISH, EQUIPMENT, AND MATERIAL AND LEAVE THE AREA IN A NEAT, CLEAN CONDITION EACH DAY. MAINTAIN PAVED AREAS UTILIZED FOR HAULING EQUIPMENT AND MATERIALS BY OTHER TRADES IN A CLEAN AND UNOBSTRUCTED CONDITION AT ALL TIMES.
- REMOVE SOIL OR DIRT THAT HAS ACCUMULATED ON PAVED SURFACES DURING OR AS A RESULT OF PLANTING OPERATIONS EACH DAY.
- FERTILIZE ALL PLANTS WITH A 10-20-10 COMMERCIAL, SLOW-RELEASE FERTILIZER AS DIRECTED BY INSTRUCTIONS ON PRODUCT LABEL.
- LIMIT AMOUNT OF PRUNING TO A MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS AND BRANCHES. PRUNE IN SUCH A MANNER AS NOT TO CHANGE NATURAL HABIT OR SHAPE OF PLANT. MAKE CUTS FLUSH, LEAVING NO STUBS. CENTRAL LEADERS SHALL NOT BE REMOVED.
- CONTRACTOR SHALL NOT DO ANY PRUNING OF PLANT MATERIALS IN CONFLICT WITH THE PROPOSED BIKE PATH ROUTE OR CONSTRUCTION UNTIL MEETING WITH PARK AND RECREATION DEPARTMENT PERSONNEL AND PROJECT LANDSCAPE ARCHITECT.
- LANDSCAPE CONTRACTOR TO REMOVE TREE STAKES, GUYS, AND ALL DEAD WOOD ON TREES AND SHRUBS ONE YEAR AFTER PROVISIONAL ACCEPTANCE.

## SOD NOTES

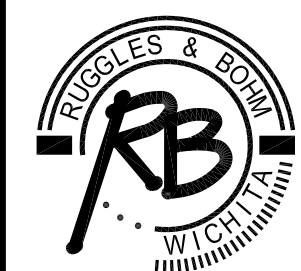
- ALL SODDING AND SOIL PREPARATION SHALL BE DONE IN ACCORDANCE WITH CITY OF WICHITA STANDARD SPECIFICATION- SECTION 900/ LANDSCAPING AND IRRIGATION.
- ALL AREAS CALLED OUT AS "SOD" ARE TO BE SODDED AND FERTILIZED AS FOLLOWS:
  - SOD-
    - KANSAS PREMIUM FESCUE SOD (OR APPROVED TURF-TYPE EQUAL)
  - FERTILIZER-
    - IF PLANTED IN SPRING, FERTILIZE WITH FERTI-LOME SOUTH-WEST GREEN MAKER (18-4-6), OR OTHER STARTER FERTILIZER.
    - IF PLANTED IN LATE SUMMER TO FALL, FERTILIZE WITH FERTI-LOME WINTERIZER, OR OTHER APPROVED WINTERIZER FERTILIZER.
- ANY ADDITIONAL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES OUTSIDE OF THE DEFINED LIMITS ON THE PLAN SHALL BE RESTORED TO THEIR ORIGINAL CONDITIONS PRIOR TO CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO, THE USE OF ADDITIONAL SOD.
- PRIOR TO LAYING SOD, CONTRACTOR SHALL TILL AREA TO BE SODDED TO A DEPTH OF 6" IN ORDER TO LOOSEN SOIL THAT MAY HAVE BEEN COMPACTED BY CONSTRUCTION ACTIVITIES.
- AFTER TILLING, CONTRACTOR SHALL FINISH GRADE SOIL. SOIL ABUTTING EXISTING REMAINING TURF SHALL BE GRADED SUCH THAT NEW SOD WILL MATCH THE ELEVATION OF EXISTING SOD AND PAVEMENT.
- CONTRACTOR SHALL REMOVE ALL STICKS, ROCKS, CONCRETE, LARGE DIRT CLUMPS OR ANY OTHER DELETERIOUS MATERIALS PRIOR TO LAYING SOD. SOD BED SHALL BE SMOOTH AND DEBRIS-FREE IN ORDER TO ENSURE GOOD SOD CONTACT WITH SOIL.
- STRIPS OF SOD SHALL BE HAND PLACED TIGHTLY AGAINST PREVIOUSLY PLACED SOD STRIPS SUCH THAT THE ENTIRE AREA DESIGNATED TO BE SODDED WILL BE COMPLETELY COVERED. SOD SHALL BE PLACED TO MATCH ELEVATIONS OF EXISTING GRASS SOD, CURBS, DRIVEWAYS AND SIDEWALKS. JOINTS IN SUCCESSIVE ROWS OF SOD SHALL BE STAGGERED IN A RUNNING BOND PATTERN SUCH THAT THE ENDS OF THE STRIPS BEING PLACED WILL LINE UP WITH THE CENTERLINE OF STRIPS PLACED IN ADJACENT ROWS. ENDS AND EDGES OF SOD SHALL BE TOP DRESSED WITH SOIL TO PREVENT DRYING AS NEEDED.
- SOD SHALL BE ROLLED AFTER PLACEMENT TO ENSURE GOOD CONTACT WITH SOIL.
- CONTRACTOR TO ADJUST IRRIGATION TIMER TO PROVIDE FOR SEVERAL SHORT, DAILY WATERING CYCLES TO KEEP THE SOD MOIST FOR THE FIRST 8 DAYS AFTER PLANTING. AFTER 8 DAYS, SOD SHOULD BE ALLOWED TO DRY ENOUGH FOR MOWING AROUND DAY 10. AFTER MOWING, CLOCK SHALL BE ADJUSTED TO PROVIDE STANDARD IRRIGATION CYCLES.



## DECIDUOUS TREE PLANTING DETAIL

Not To Scale

## HARRY AND BROADWAY IMPROVEMENTS LANDSCAPE NOTES AND DETAIL WICHITA, KANSAS



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DRAWING FILE: LANDSCAPE BASE (LSCAPE2) PROJECT NUMBER:

DESIGN	BDT	SHEET <b>54</b> OF <b>59</b>
DRAWN		
REVIEW		
UTILITY		
DATE	Apr. 16, 2012	