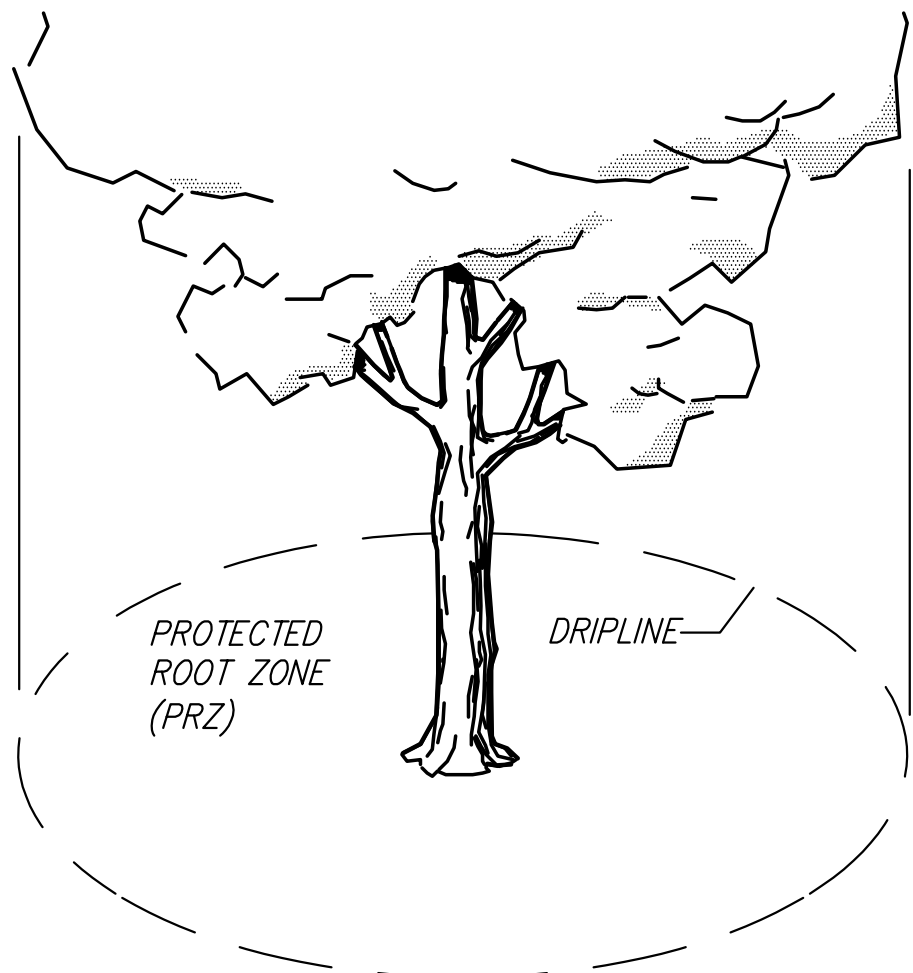


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0357-01	2008	116	185

**GENERAL PLANTING NOTES:**

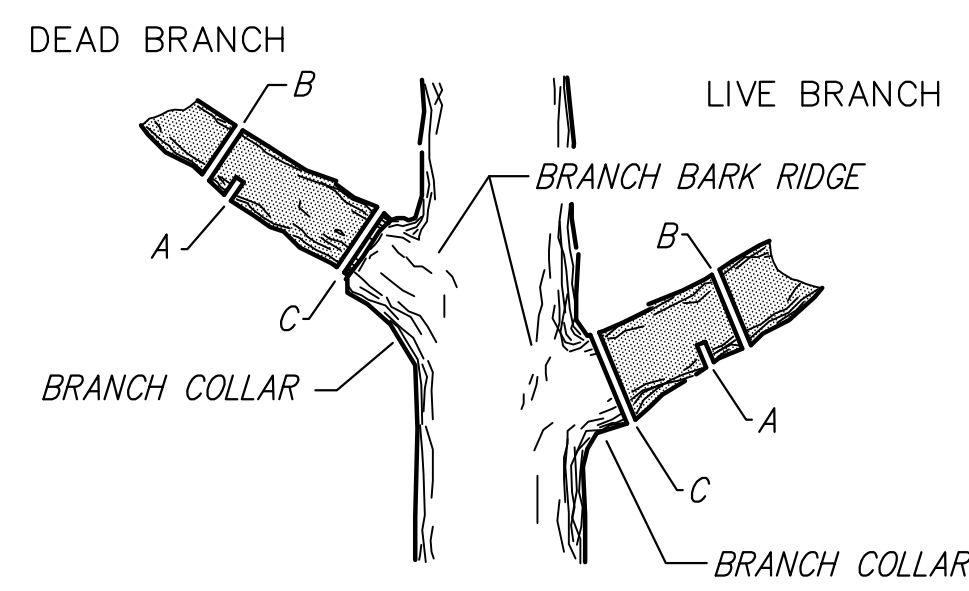
1. THE LANDSCAPE CONTRACTOR SHALL MEET THE FOLLOWING QUALIFICATION STANDARDS IN ORDER TO WORK ON THE TREE PLANTING AND SOD INSTALLATION ASPECTS OF THIS PROJECT: THE LANDSCAPE CONTRACTOR SHALL BE AN EXPERIENCED INSTALLER WHO HAS COMPLETED LANDSCAPING WORK SIMILAR IN MATERIAL, DESIGN, SIZE AND EXTENT TO THAT INDICATED FOR THIS PROJECT AND WITH LENGTHY RECORD OF SUCCESSFUL LANDSCAPE ESTABLISHMENT. CONTRACTOR SHOULD MAKE THEMSELVES FAMILIAR WITH THE PLANS AND SPECIFICATIONS BEFORE BIDDING THIS PROJECT.
2. LANDSCAPE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES (INCLUDING THOSE INDICATED ON THE PLAN) PRIOR TO INSTALLATION OF PLANT MATERIAL. DAMAGE TO UTILITIES SHALL BE AVOIDED DURING THE COURSE OF WORK. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCUR AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
3. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PEST AND DISEASES. ALL PLANTS MUST BE CONTAINER-GROWN (CONT.) OR BALLED AND BURLAPPED (B&B) AS INDICATED IN THE PLANT LIST. ALL TREES SHALL BE STRAIGHT TRUNKED, OR OF TYPICAL FORM TO THE SPECIES, FULL HEADED AND MEET THE REQUIREMENTS AS SPECIFIED. ALL TREES MUST BE STAKED AS SHOWN IN THE DETAIL.
4. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING AND AFTER INSTALLATION.
5. PLANTING DATES FOR PLANT MATERIAL SHALL BE DURING THE MONTHS BETWEEN OCTOBER 1st AND MAY 15th. PLANTING SHALL ONLY BE CONDUCTED WHEN THE GROUND IS NOT FROZEN, SNOW COVERED, OR IN AN OTHERWISE UNSUITABLE CONDITION FOR PLANTING. DEVIATION FROM THE ABOVE PLANTING DATES WILL ONLY BE PERMITTED WITH APPROVAL BY THE LANDSCAPE ARCHITECT.
6. ALL TREE SAUCERS AND PLANTING BEDS ARE TO BE MULCHED WITH A MINIMUM OF 3" SHREDDED CYPRESS MULCH OR FINE DARK HARDWOOD MULCH EITHER OF WHICH MUST BE APPROVED BEFORE INSTALLATION. WHERE PLANTING BEDS ARE ADJACENT TO WALKS AND CURBS THE SOIL LEVEL SHALL BE 3" LOWER TO ALLOW FOR MULCH LAYER. WHERE SOD IS INDICATED, ITS THICKNESS SHALL ALSO BE ACCOUNTED FOR SO THAT THE SOIL SURFACE IN THE SOD MATCHES IN LEVEL WITH THE HARDSCAPE SURFACE OR FINISHED GRADE OF UNDISTURBED PROPERTIES/EDGES.
7. MULCH, STAKES, GUY WIRE, STRAPS, PRE EMERGENT HERBICIDES, ROOT STIMULATORS, ETC. SHALL BE SUBSIDIARY TO INDIVIDUAL TREES.
8. STAKES AND GUYING SHALL BE REMOVED AT THE END OF ONE FULL GROWING SEASON, SUBSIDIARY TO INDIVIDUAL TREES.
9. LABEL EACH TREE WITH A SECURELY ATTACHED, WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF BOTH BOTANICAL AND COMMON NAME. DO NOT REMOVE UNTIL AFTER PROVISIONAL ACCEPTANCE.
10. SUBSTITUTION OF PLANT SPECIES TYPES FOR THOSE LISTED IN THE PLANT LIST IS NOT PERMISSIBLE. SUBSTITUTIONS WILL ONLY BE CONSIDERED UPON SUBMISSION OF PROOF THAT SPECIFIED LANDSCAPE MATERIAL IS NOT OBTAINABLE ANYWHERE IN THE REGION. SUBSTITUTIONS SHALL BE SUBMITTED IN WRITING TO THE LANDSCAPE ARCHITECT, WITH PROOF OF NON-AVAILABILITY AND PROPOSAL FOR USE OF AN EQUIVALENT MATERIAL PRIOR TO PLANTS BEING DELIVERED TO THE SITE.
11. ANY PLANT WHICH DIES, TURNS BROWN OR DEFOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, SIZE AND MEETING ALL THE PLANT LIST SPECIFICATIONS.
12. ANY TOPSOIL NEEDED TO CORRECT SOIL LEVELS IN PLANTING ISLANDS OR SUMP AREAS IN LAWNS SHALL BE FERTILE NATURAL TOPSOIL, TYPICAL OF THE LOCALITY, OBTAINED FROM WELL DRAINED AREAS. REUSE OF ON SITE SURFACE STOCKPILED TOPSOIL MAY BE USED. IT SHALL BE WITHOUT ADMIXTURE OF SUBSOIL OR SLAG AND SHALL BE FREE OF STONES, LUMPS, STICKS, PLANTS OR THEIR ROOTS, TOXIC SUBSTANCES OR OTHER EXTRANEIOUS MATTER THAT MAY BE HARMFUL TO PLANT GROWTH OR WOULD INTERFERE WITH FUTURE MAINTENANCE. TOPSOIL pH RANGE SHALL BE 5.5 TO 7.0.
13. STANDARDS SET FORTH IN 'AMERICAN STANDARDS FOR NURSERY STOCK', ANSI Z60.1-1996, REPRESENT GUIDELINE SPECIFICATIONS AND CONSTITUTE MINIMUM QUALITY REQUIREMENTS OF THE PLANT MATERIAL FOR THIS PROJECT.
14. INSTALL TOPSOIL IN ALL MEDIANS PER MEDIAN CROSS SECTION DETAILS.
15. THE CITY MAY HARVEST SOME TREES SHOWN TO BE REMOVED PRIOR TO COMMENCEMENT OF PROJECT.



WHERE EXCAVATION FOR NEW CONSTRUCTION IS REQUIRED WITHIN TREE PROTECTION ZONES, HAND CLEAR AND EXCAVATE TO MINIMIZE DAMAGE TO ROOT SYSTEMS. USE NARROW-TINE SPADING FORKS, COMB SOIL TO EXPOSE ROOTS, AND CLEANLY CUT ROOTS AS CLOSE TO EXCAVATION AS POSSIBLE.

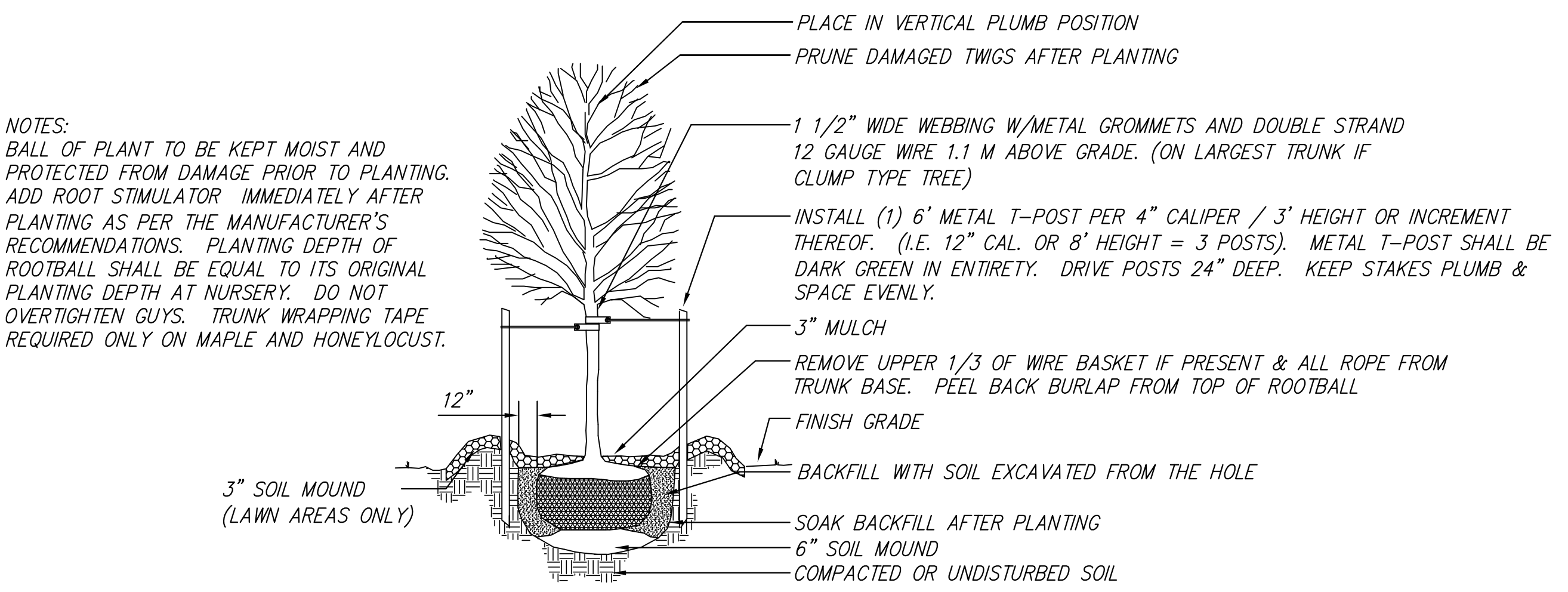
1. COVER EXPOSED ROOTS WITH BURLAP AND WATER REGULARLY.
2. TEMPORARILY SUPPORT AND PROTECT ROOTS FROM DAMAGE UNTIL THEY ARE PERMANENTLY REDIRECTED AND COVERED WITH SOIL.
3. BACKFILL WITH SOIL AS SOON AS POSSIBLE.

**TEMPORARY TREE PROTECTION DETAIL**  
NOT TO SCALE

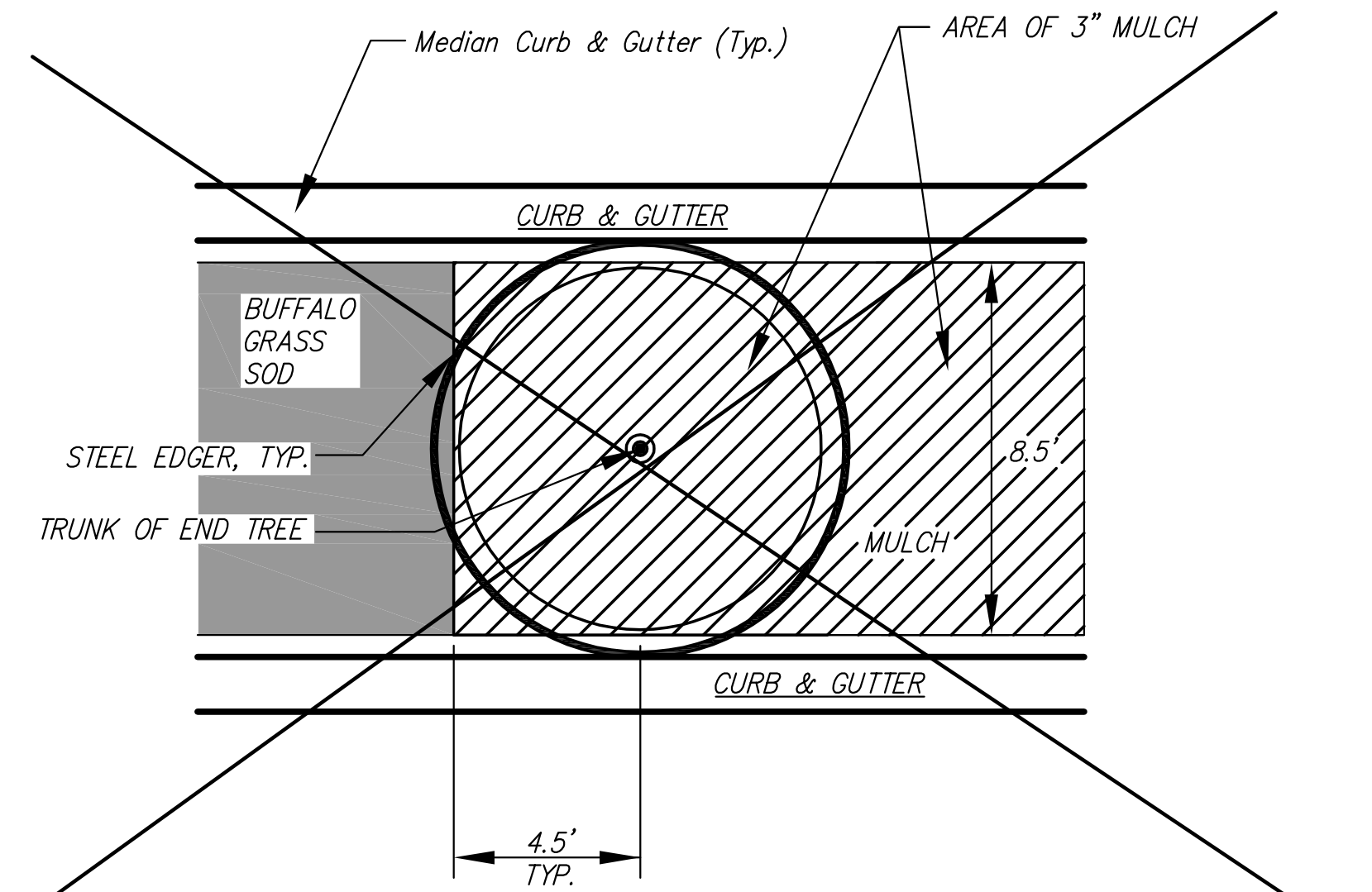


FIRST, CUT PART WAY THROUGH THE BRANCH AT 1; THEN CUT IT OFF AT B. MAKE THE FINAL CUT C.

**TREE TRIMMING DETAIL**  
NOT TO SCALE



**DECIDUOUS TREE PLANTING DETAIL**  
NOT TO SCALE



**PLAN DETAIL - TREE PLANTING IN MEDIAN**  
NOT TO SCALE

KANSAS DEPARTMENT OF TRANSPORTATION			
OLIVER ROADSIDE IMPROVEMENTS STA. 30+50 TO STA. 33+50			
PROJECT NO. 87 N-0357-01		SEDGWICK CO.	
M K E C ENGINEERING CONSULTANTS, INC. WICHITA, KANSAS			
DESIGNED BY: LAC	CHECKED BY: JRA		
DRAWN BY: WNJ	DATE: 4/07/05	SHEET 116 OF 185	

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