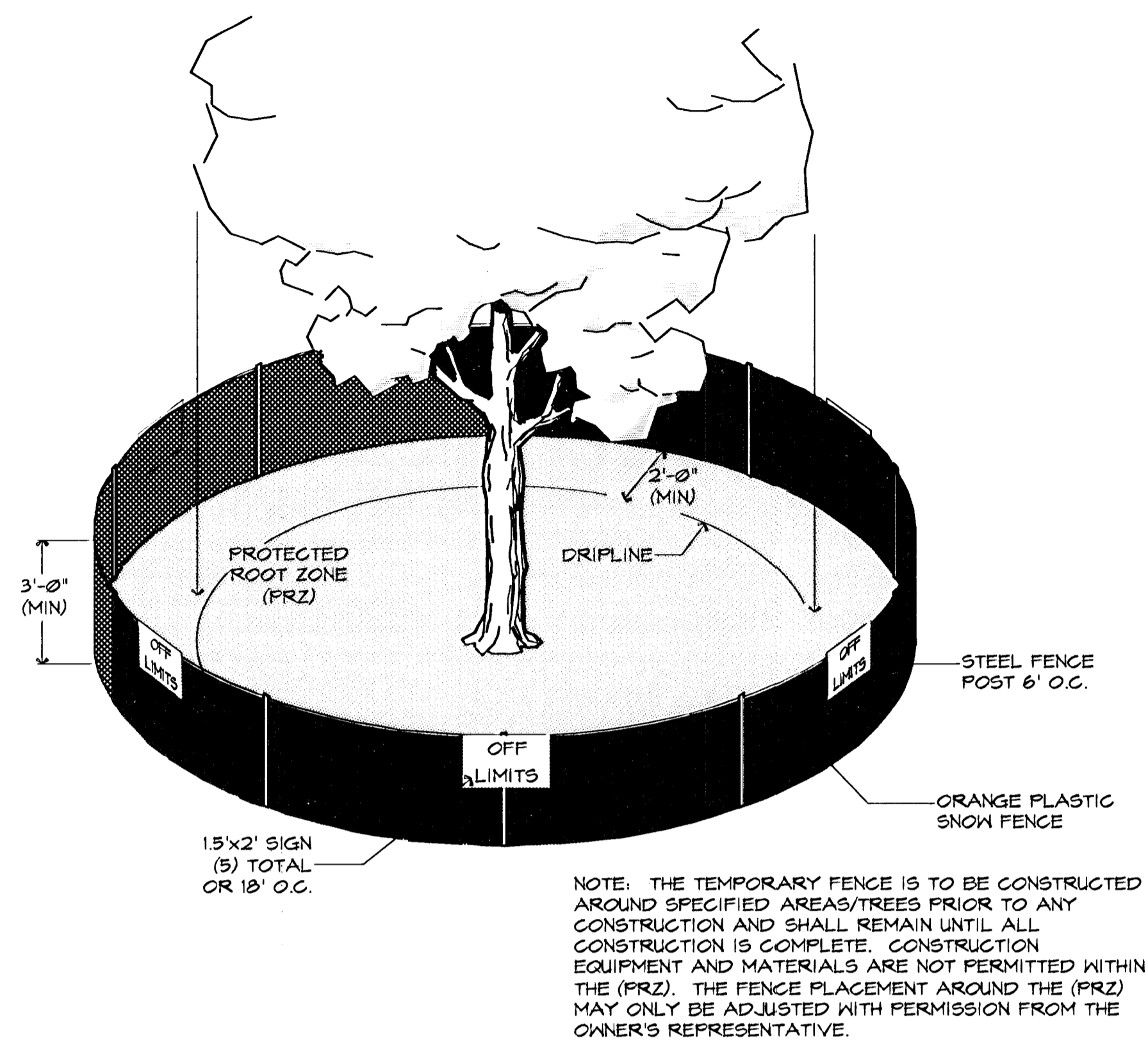
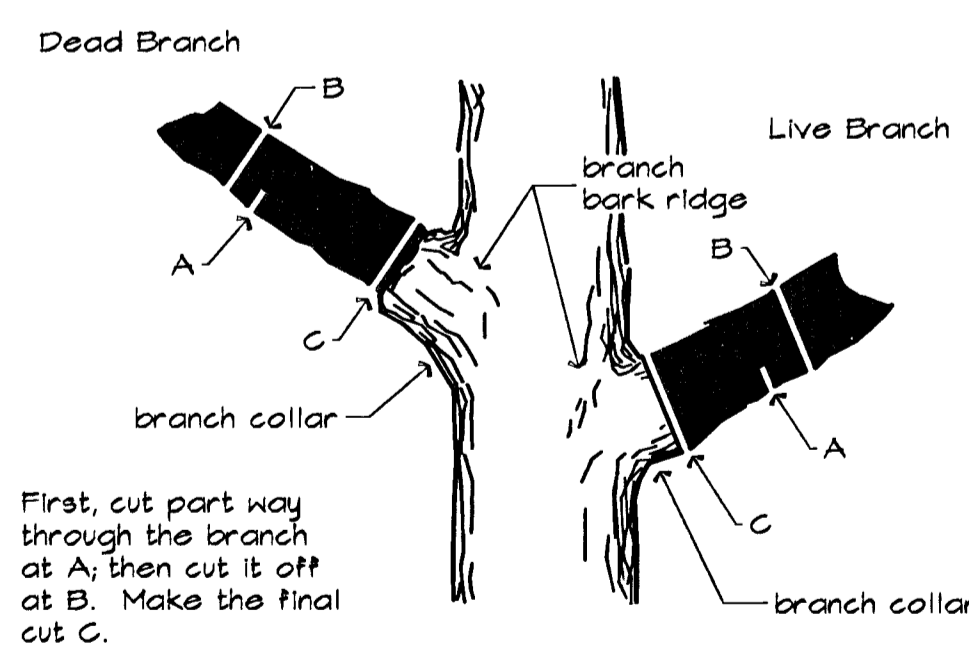


FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
7	KANSAS	87-N-0200-01	2001	44	78

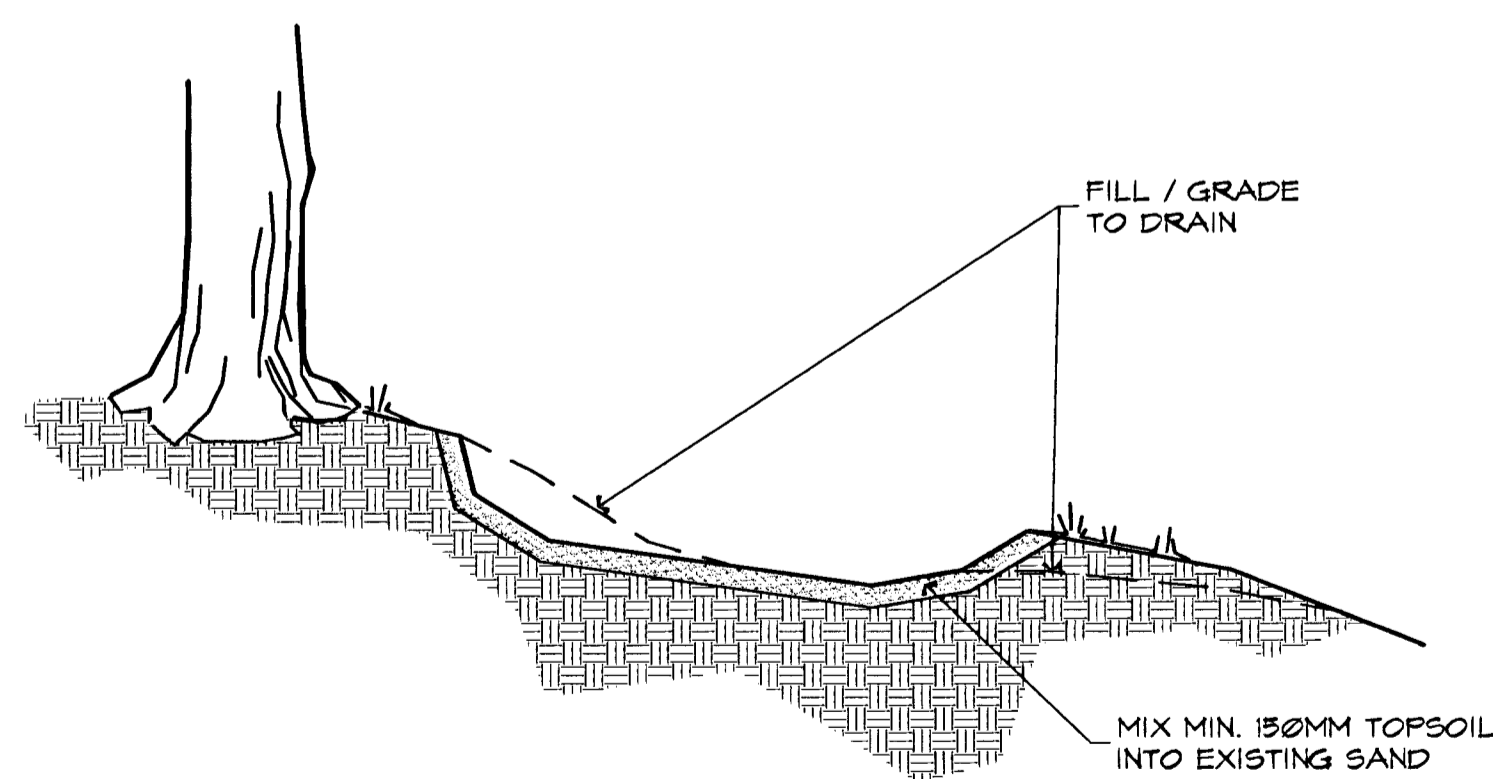
DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	



**TEMPORARY TREE PROTECTION DETAIL**  
NOT TO SCALE



**TREE TRIMMING DETAIL**  
NOT TO SCALE



**SAND TRAP FILL DETAIL**  
NOT TO SCALE

**NOTES:**

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF WICHITA SEEDING AND LANDSCAPING SPECIFICATIONS. AT ANY POINT WHERE DISCREPANCIES EXIST BETWEEN THESE NOTES/DETAILS AND THE SPECIFICATIONS, THE SPECIFICATIONS SHALL BE ADHERED TO.
2. LANDSCAPE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES (INCLUDING THOSE INDICATED ON THE PLAN) PRIOR TO INSTALLATION OF PLANT MATERIAL. UTILITIES CAN BE FLAGGED BY CALLING 687-2470.
3. A MIN. 150MM LAYER OF TOPSOIL SHALL BE PLACED IN ALL LAWN/PLANTING AREAS WITHIN THE CONSTRUCTION LIMITS.
4. TOPSOIL SHALL BE FERTILE NATURAL TOPSOIL, TYPICAL OF THE LOCALITY, OBTAINED FROM WELL DRAINED AREAS. 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.
5. EQUIPMENT AND CONSTRUCTION MATERIALS SHALL REMIAN OUT OF AND AWAY FROM TREE DRIPLINES SO AS NOT TO COMPACT THE ROOT ZONE OR DAMAGE THE TREE.
6. ANY TREE THAT MUST HAVE BRANCHES REMOVED SHALL BE TRIMMED WITH A SHARP INSTRUMENT/TOOL THAT IS INTENDED FOR SUCH OPERATIONS. KNOCKING BRANCHES OFF WITH A BACKHOE OR OTHER SIMILAR MACHINES IS NOT ACCEPTABLE. REFER TO DETAIL ON THIS SHEET FOR TRIMMING PROCEDURE.
7. THE GRADING SHOWN ON SHEETS 44-46 IS DESIGN GRADING. ALL GRADES SHALL BE CONTOURED SMOOTHLY WITH GENTLE ROUNDING/ SHAPING OF ALL AFFECTED LAND SURFACES. ABRUPT TRANSITIONS AT THE TOP OF SLOPES WHERE PROPOSED GRADES MEET EXISTING ARE NOT ACCEPTABLE. NOT ALL SLOPES ARE CONSTANT AND THEREFORE THE CONTOURS SHOWN SHALL BE REFEREED TO FOR FINAL GRADING. ADJUSTMENTS TO THE BERM SHAPING MAY BE NECESSARY DURING CONSTRUCTION WHEN DIRECTED BY THE LANDSCAPE ARCHITECT. THE GRADING SHALL BE APPROVED BY THE OWNER AND/OR THE LANDSCAPE ARCHITECT PRIOR TO THE ADDITION OF THE 150MM TOPSOIL LAYER.
8. THE FINAL SURFACE SHALL BE FREE OF ALL STICKS AND STONES LARGER THAN 12MM. IT SHALL BE FINE GRADED BEFORE SEEDING WITH EQUIPMENT DESIGNED FOR SUCH PURPOSES.

2					
1					
NO.	DATE	REVISIONS	BY	APP'D	
KANSAS DEPARTMENT OF TRANSPORTATION					
<b>ROAD SIDE IMPROVEMENTS</b>					
<b>21ST STREET NORTH</b>					
PROJ. NO. 87-N-0200-01					
<b>MKEC ENGINEERING CONSULTANTS, INC.</b>					
WICHITA, KANSAS					
DESIGNED BY:	DFL	CHECKED BY:	GJA		
DRAWN BY:	GJR	DATE:	JUNE 2001	SHEET	44 OF 78

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