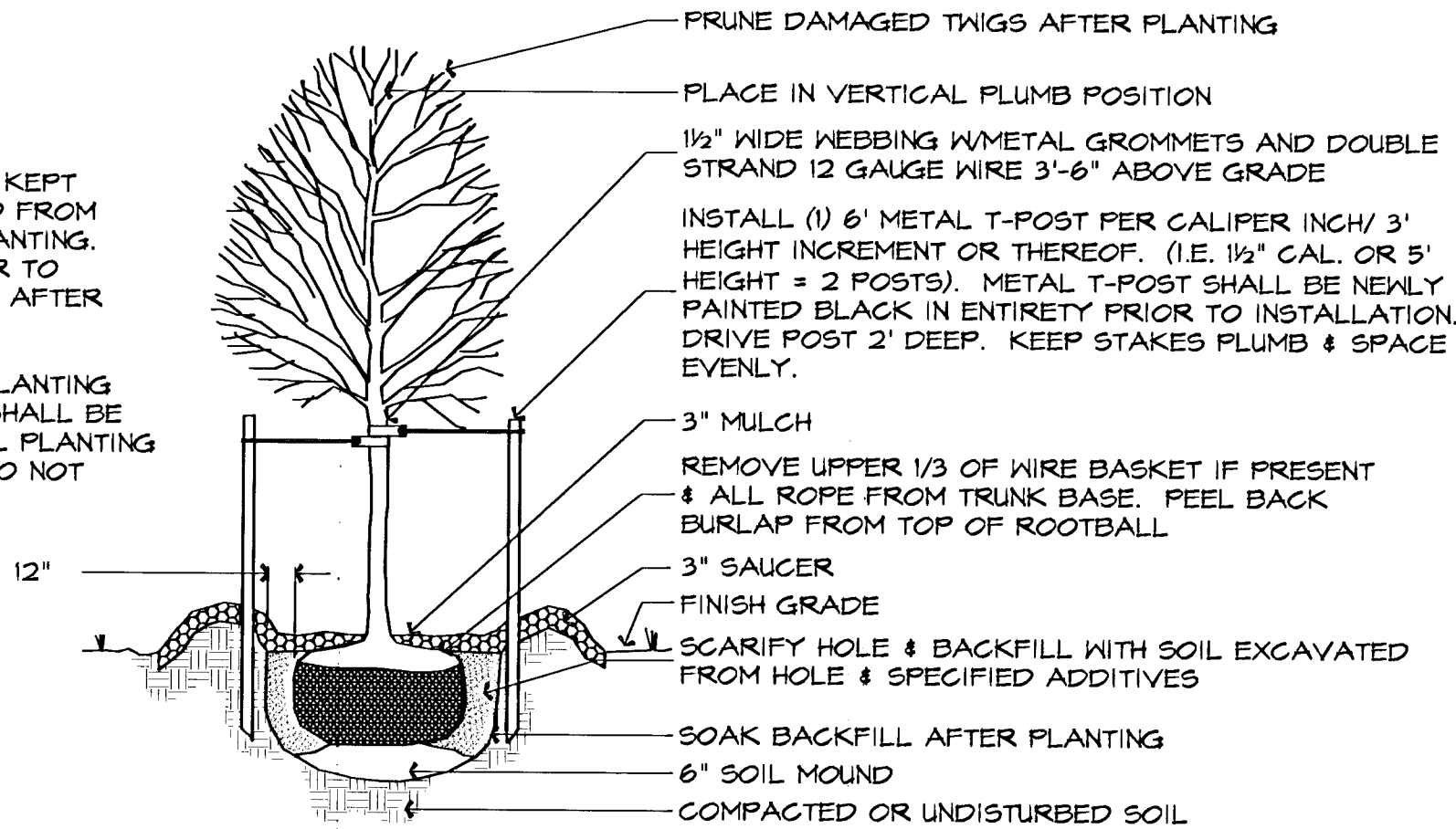


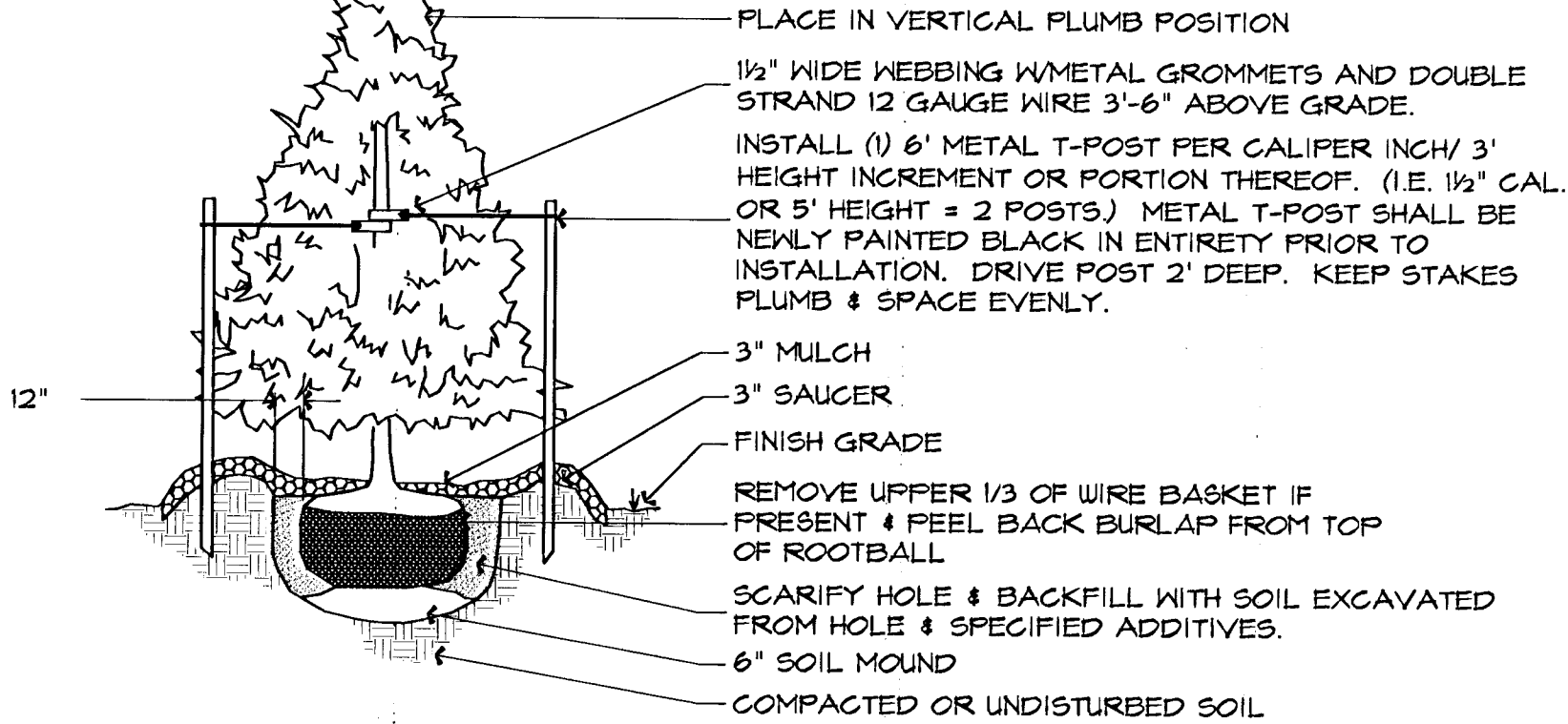
FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
7	KANSAS	STP--N012(601)	2001	14	14

NOTES:
BALL OF PLANT TO BE KEPT MOIST AND PROTECTED FROM DAMAGE PRIOR TO PLANTING. ADD ROOT STIMULATOR TO SURFACE IMMEDIATELY AFTER PLANTING AS PER THE MANUFACTURER'S RECOMMENDATIONS. PLANTING DEPTH OF ROOTBALL SHALL BE EQUAL TO ITS ORIGINAL PLANTING DEPTH AT NURSERY. DO NOT OVERTIGHTEN GUYS.



DECIDUOUS TREE PLANTING DETAIL
NOT TO SCALE

NOTES:
BALL OF PLANT TO BE KEPT MOIST AND PROTECTED FROM DAMAGE PRIOR TO PLANTING. ADD ROOT STIMULATOR TO SURFACE IMMEDIATELY AFTER PLANTING AS PER THE MANUFACTURER'S RECOMMENDATIONS. PLANTING DEPTH OF ROOTBALL SHALL BE EQUAL TO ITS ORIGINAL PLANTING DEPTH AT NURSERY. DO NOT OVERTIGHTEN GUYS.



EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE

NOTES:

- CONTRACTOR SHOULD MAKE THEMSELVES FAMILIAR WITH THE PLANS AND ALL NOTES BEFORE BIDDING THIS PROJECT. C.O.W. SPECIFICATIONS SHALL APPLY. THE NOTES & DETAILS ON THIS SHEET SHALL TAKE PRECEDENCE OVER C.O.W. SPECS. WHEN IN CONFLICT.
- 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.
- AREAS DENOTED AS 'SOD' SHALL BE INSTALLED AS FOLLOWS:
SOD:
K-31 FESCUE
FERTILIZER:
HAVE SOIL TESTED BY COUNTY EXTENSION SERVICE TO OBTAIN RECOMMENDED SOIL AMENDMENTS FOR THE GRASSES LISTED. REPORT RECOMMENDATIONS TO THE LANDSCAPE ARCHITECT FOR APPROVAL BEFORE ANY APPLICATION OF FERTILIZER IS MADE.
- ALL GRAVEL OR OTHER SIMILAR DEBRIS LARGER THE 1/2" IN DIAMETER SHALL BE RAKED UP AND REMOVED BEFORE ANY SODDING OR SEEDING OPERATIONS ARE PERFORMED. SOIL SHALL BE PREPARED & SMOOTHED NEATLY TO REMOVE ALL FOREIGN SUBSTANCES & TO ELIMINATE WATER PONDING LOW SPOTS.
- SOD SHALL BE INSTALLED IN ALL DISTURBED AREAS AS DIRECTED IN THE FIELD. GRADING SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO SOD INSTALLATION. TRANSITION FROM NEWLY SODDED AREAS TO UNDISTURBED SHALL BE SMOOTH WITHOUT LIP.
- 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 FROM THE LANDSCAPE ARCHITECT.
- THE PLANTING SOIL MIXTURE FOR ALL TREE PLANTINGS SHALL BE SOIL EXCAVATED FROM THE HOLE.
- ROOT STIMULATOR SHALL BE APPLIED TO ALL PLANT MATERIALS WITH THE EXCEPTION OF LAWN AREAS. APPLY AS PER THE MANUFACTURERS RECOMMENDATIONS.
- ALL TREE SAUCERS AND PLANTING BEDS ARE TO BE MULCHED WITH A MINIMUM OF 3" FINE SHREDDED DARK HARDWOOD MULCH OR CYPRESS MULCH. MULCH SHALL BE APPROVED BY LANDSCAPE ARCHITECT. 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 LANDSCAPE SURFACE.
- MULCH, STAKES, GUY WIRE, PRE EMERGENT HERBICIDES, ETC. SHALL BE SUBSIDIARY TO INDIVIDUAL PLANTS.
- THE CONTRACTOR SHALL FLAG & LABEL PROPOSED PLANT LOCATIONS AFTER UTILITY LOCATE AND GAIN APPROVAL OF LOCATIONS FROM LANDSCAPE ARCHITECT PRIOR TO BRINGING PLANTS TO THE SITE. PLANT MATERIAL SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING. PLANTS SHALL BE OF FIRST CLASS QUALITY WITHOUT SCRAPES, POOR FOLIAGE & ROOTS. BALLED AND BURLAPPED MATERIAL SHALL BE HEALDED IN & PROTECTED IF NOT PLANTED WITHIN 6 HOURS OF ARRIVAL TO SITE. MULCH, STAKE, AND WATER IN ALL PLANTS PLANTED BEFORE ENDING WORK FOR THE DAY.
- LABEL EACH TREE AND PERENNIAL MASS WITH A SECURELY ATTACHED, WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF BOTH BOTANICAL AND COMMON NAME. DO NOT REMOVE UNTIL AFTER PROVISIONAL ACCEPTANCE.
- STAKES AND GUYING SHALL BE REMOVED BY THE CONTRACTOR AT THE END OF ONE FULL GROWING SEASON.
- ANY TOPSOIL NEEDED TO CORRECT SOIL LEVELS IN SUMP AREAS WITHIN THE ROW 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.
- SUBSTITUTION OF PLANT SPECIES TYPES FOR THOSE LISTED IN THE PLANT LIST IS NOT PERMISSIBLE UNLESS APPROVED BY MKEC (684-4600). ANY SPECIES SUBSTITUTION WHICH HAS NOT BEEN APPROVED SHALL BE REMOVED IMMEDIATELY AND REPLACED WITH THE CORRECT PLANT.
- THE CONTRACTOR SHALL TAKE CARE SO AS TO NOT DAMAGE ANY EXISTING TREES. THE CONTRACTOR SHALL KEEP EQUIPMENT OUT OF AND AWAY FROM EXISTING TREE DRIPLINES.

MASTER PLANT LIST

QTY.	COMMON NAME	BOTANICAL NAME	SIZE	CONDITION/REMARKS
LARGE DECIDUOUS TREES				
4	OCTOBER GLORY MAPLE	Acer rubrum 'October Glory'	2.5" cal.	Balled-in-Burlap
14	THORNLESS HONEYLOCUST	Gleditsia triacanthos 'Shademaster'	2.5" cal.	Balled-in-Burlap
4	WHITE ASH	Fraxinus americana 'Autumn Purple'	2.5" cal.	Balled-in-Burlap
4	SHUMARD OAK	Quercus shumardii	2.5" cal.	Balled-in-Burlap
10	LACEBARK ELM	Ulmus parvifolia	2.5" cal.	Balled-in-Burlap
20	CHINESE PISTACHE	Pistacia chinensis	2.5" cal.	Balled-in-Burlap
EVERGREEN TREES				
9	LIMBER PINE	Pinus flexilis	8'	Balled-in-Burlap
51	AUSTRIAN PINE	Pinus nigra	8'	Balled-in-Burlap
ORNAMENTAL TREES				
23	OKLAHOMA REDBUD	Cercis reniformis	1.5" cal.	Balled-in-Burlap
27	FLAME AMUR MAPLE	Acer ginnala 'Flame'	1.5" cal.	Balled-in-Burlap
18	PRAIRIFIRE CRABAPPLE	Malus sp. 'Prairifire'	1.5" cal.	Balled-in-Burlap
8	SPRING SNOW CRABAPPLE	Malus sp. 'Spring Snow'	1.5" cal.	Balled-in-Burlap
8	SNOWDRIFT CRABAPPLE	Malus sp. 'Snowdrift'	1.5" cal.	Balled-in-Burlap
LAWN				
15,050 S.Y.	K-31 FESCUE SOD	Festuca arundinacea 'K-31'	SOD	-

2				
1				
NO.	DATE	REVISIONS	BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION LANDSCAPE IMPROVEMENTS WEBB ROAD DETAILS & NOTES PROJ. NO. 87 STP-N-0126-01				
MKEC ENGINEERING CONSULTANTS, INC. WICHITA, KANSAS				
DESIGNED BY:	JTC	CHECKED BY:	JTC	
DRAWN BY:	GJR	DATE:	APRIL 2002	SHEET 14 OF 14

10-01-03-13