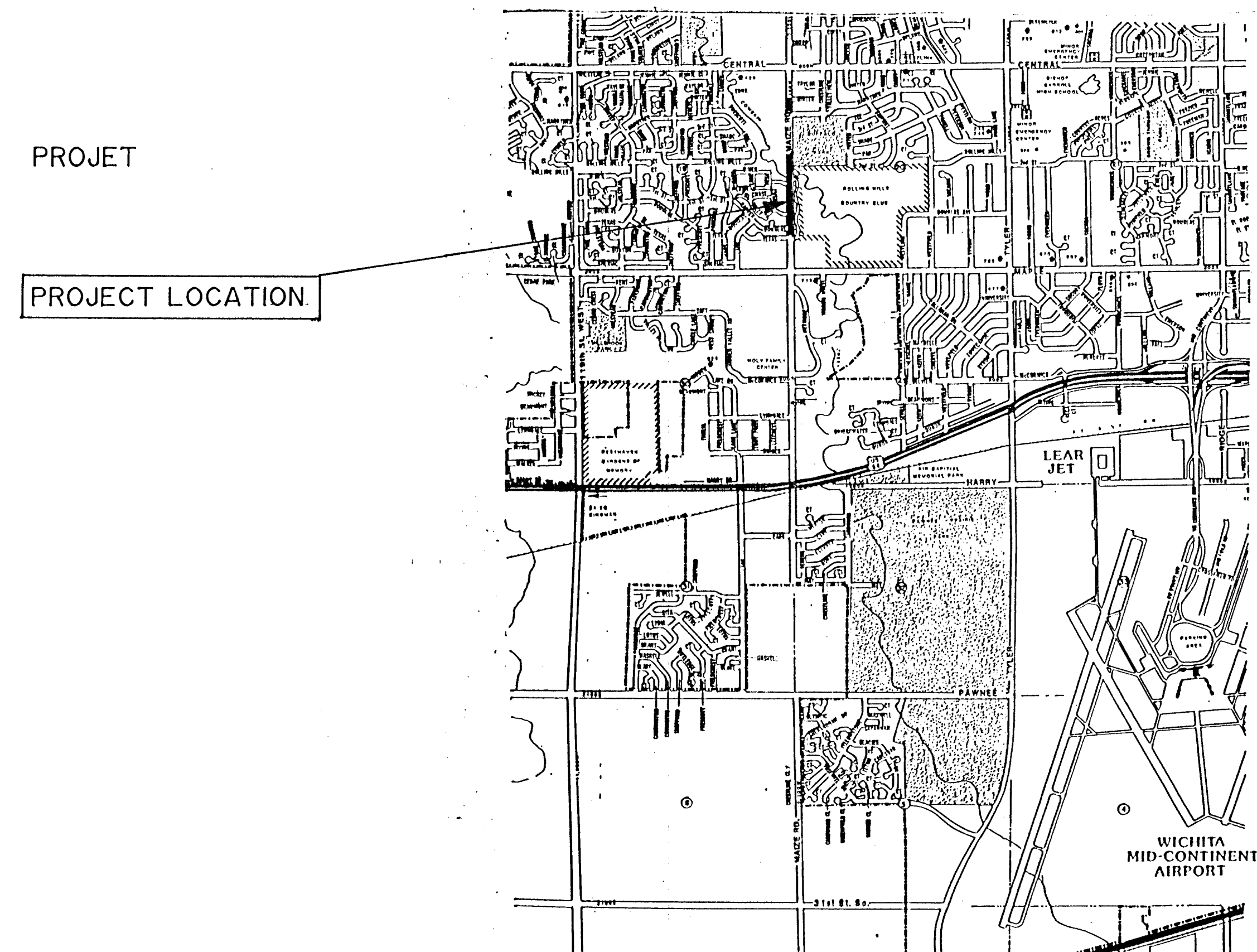


CITY OF WICHITA, KANSAS
LANDSCAPE PLANS
MAIZE ROAD
FROM NORTH OF MAPLE TO SOUTH OF CENTRAL



LOCATION MAP

PROJECT NO.: 472-76-245-82025-000-000-001

INDEX # 705483

MICHAEL E. LINDEBAK, P.E., CITY ENGINEER

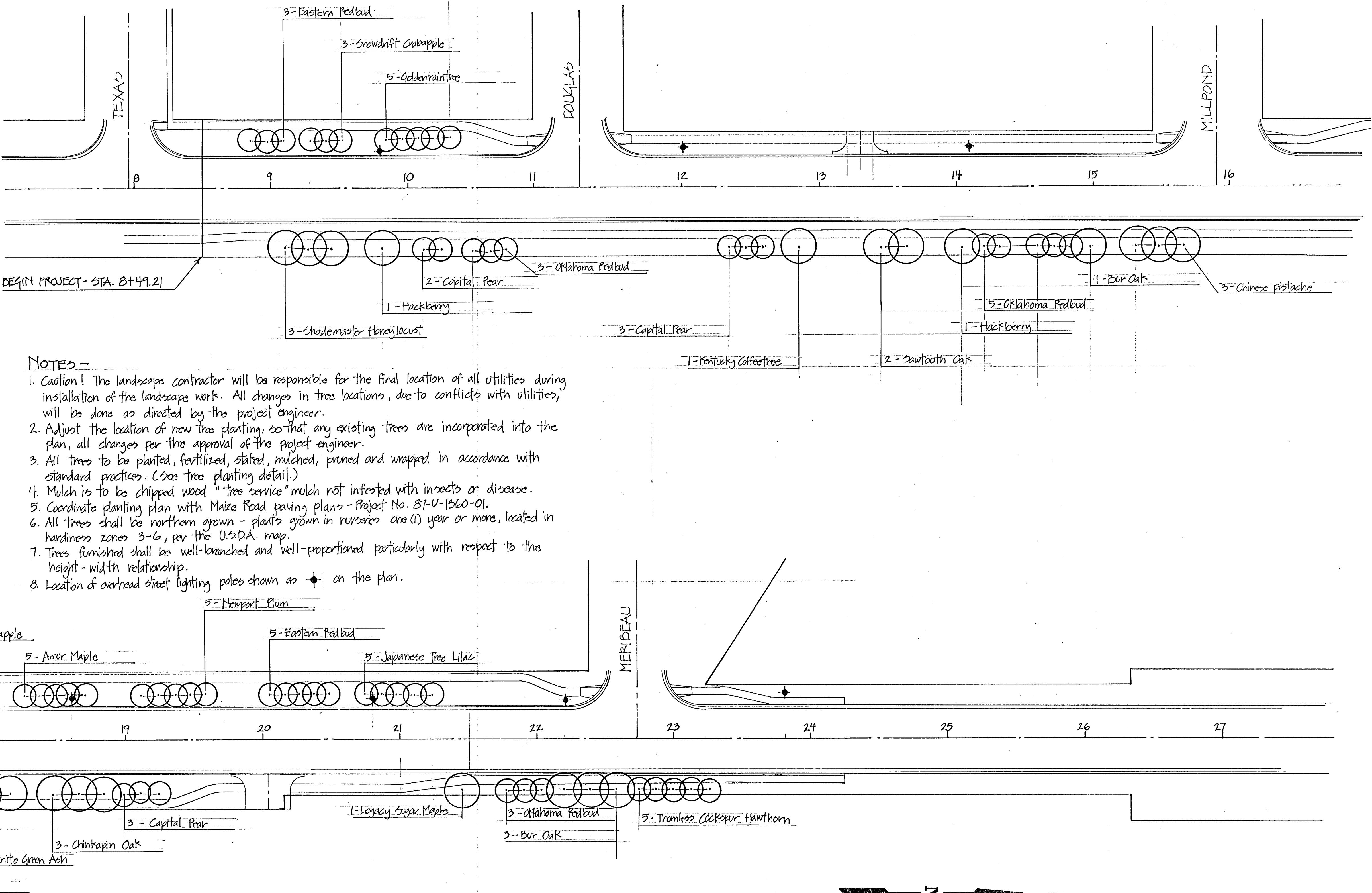
INDEX :

SHEET	1	TITLE SHEET
	2-3	PLAN SHEETS
	4	BRIDGE LANDSCAPING

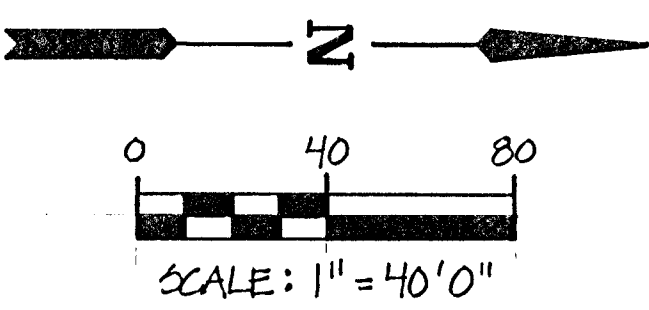
PLANT LIST -

QTY.	BOTANICAL NAME	COMMON NAME
SHADE TREES -		
6	Acer saccharum 'Legacy'	Legacy Sugar Maple
5	Celtis occidentalis	Hackberry
6	Fraxinus pennsylvanica 'Marshall's Seedless'	Marshall's Seedless Ash
6	Fraxinus pennsylvanica 'Urbanite'	Urbanite Green Ash
11	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Honeylocust
2	Gymnocladus dioica	Kentucky Coffeetree
6	Liquidambar styraciflua	Sweetgum
16	Pistacia chinensis	Chinese Pistache
7	Quercus acutissima	Sawtooth Oak
7	Quercus macrocarpa	Bur Oak
7	Quercus muhlenbergii	Chinkapin Oak
ORNAMENTAL TREES -		
8	Acer ginnala	Amur Maple
6	Betula nigra	River Birch
18	Cercis canadensis	Eastern Redbud
22	Cercis reniformis 'Oklahoma'	Oklahoma Redbud
15	Crataegus crusgalli inermis	Thornless Cockspur Hawthorn
14	Crataegus phaenopyrum	Washington Hawthorn
17	Koeleruteria paniculata	Goldenrain tree
14	Malus sp. 'Red Baron'	Red Baron Crabapple
12	Malus sp. 'Snowdrift'	Snowdrift Crabapple
11	Prunus cerasifolia 'Newport'	Newport Plum
9	Pyrus calleryana 'Aristocrat'	Aristocrat Pear
16	Pyrus calleryana 'Capital'	Capital Pear
19	Syringa reticulata	Japanese Tree Lilac

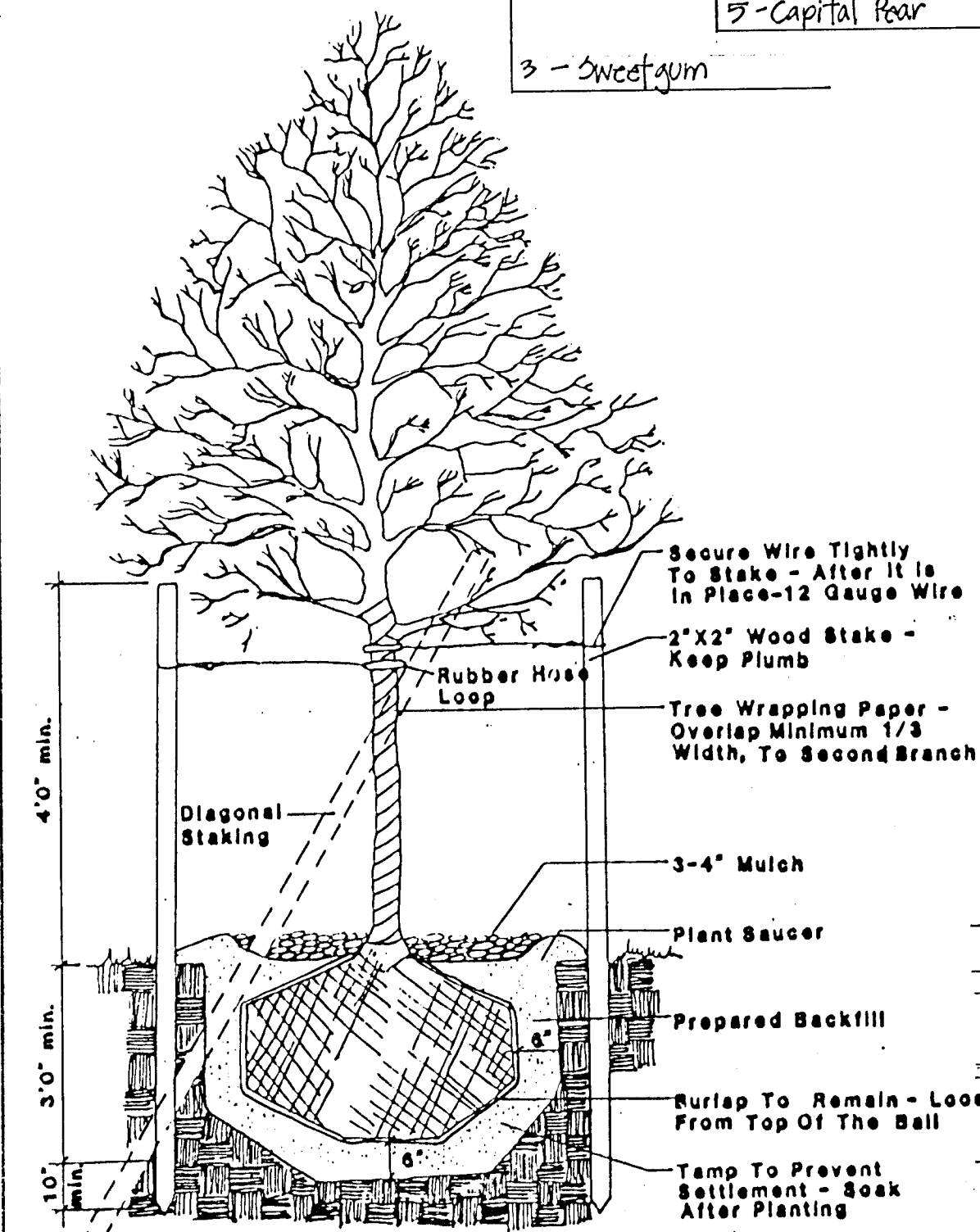
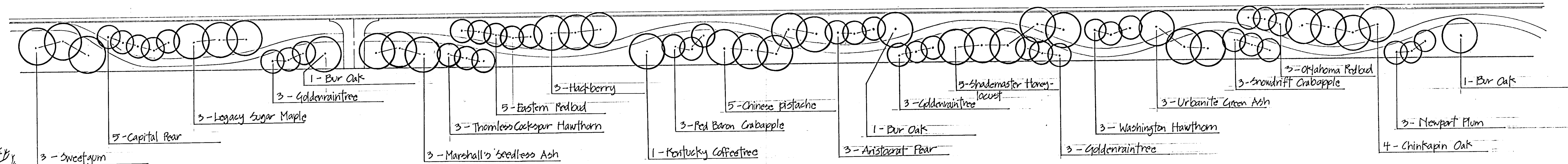
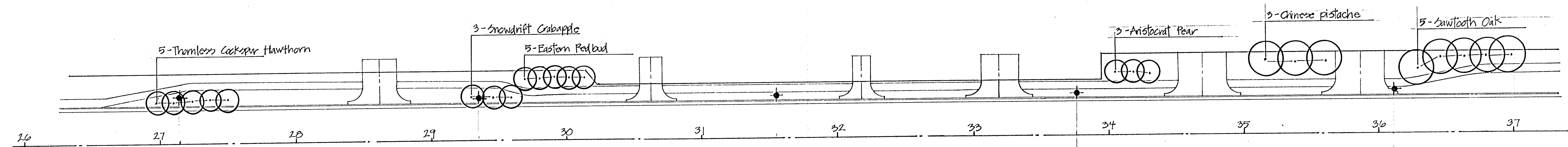
Note: Size - Shade Trees - 2-2 1/2" caliper min.
Ornamental Trees - 6-8" Ht. min.
All trees are to be supplied balled and burlapped.



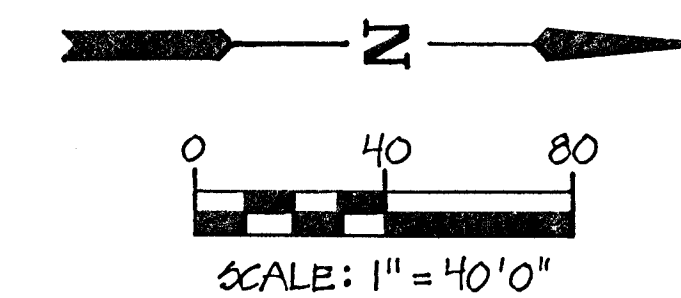
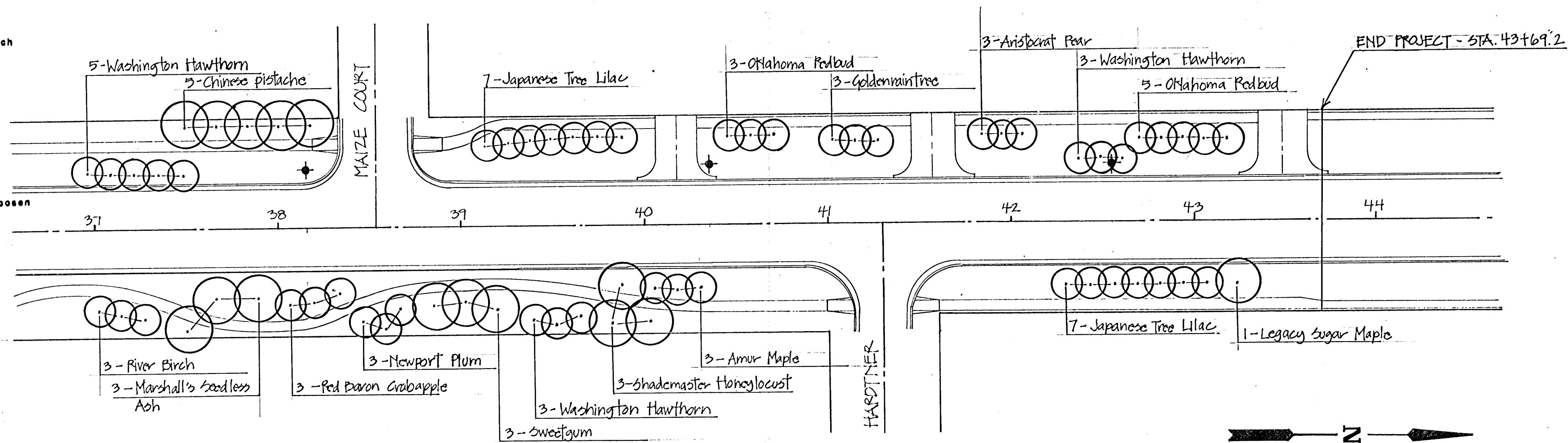
- NOTES -
1. Caution! The landscape contractor will be responsible for the final location of all utilities during installation of the landscape work. All changes in tree locations, due to conflicts with utilities, will be done as directed by the project engineer.
 2. Adjust the location of new tree planting, so that any existing trees are incorporated into the plan, all changes per the approval of the project engineer.
 3. All trees to be planted, fertilized, staked, mulched, pruned and wrapped in accordance with standard practices. (See tree planting detail.)
 4. Mulch is to be chipped wood "tree service" mulch not infested with insects or disease.
 5. Coordinate planting plan with Maize Road paving plans - Project No. 87-U-1560-01.
 6. All trees shall be northern grown - plants grown in nurseries one (1) year or more, located in hardiness zones 3-6, per the USDA map.
 7. Trees furnished shall be well-branched and well-proportioned particularly with respect to the height-width relationship.
 8. Location of overhead street lighting poles shown as + on the plan.



MUNICIPAL ENGINEERS Civil Engineers & Land Surveyors 254 Laura, Suite 201 Wichita, Kansas 67211		
SCALE:	APPROVED BY:	DRAWN BY:
DATE:		REVISED:
MAIZE ROAD		
LANDSCAPE PLAN		
DRAWING NUMBER 2 of 4		



TREE STAKING DETAIL

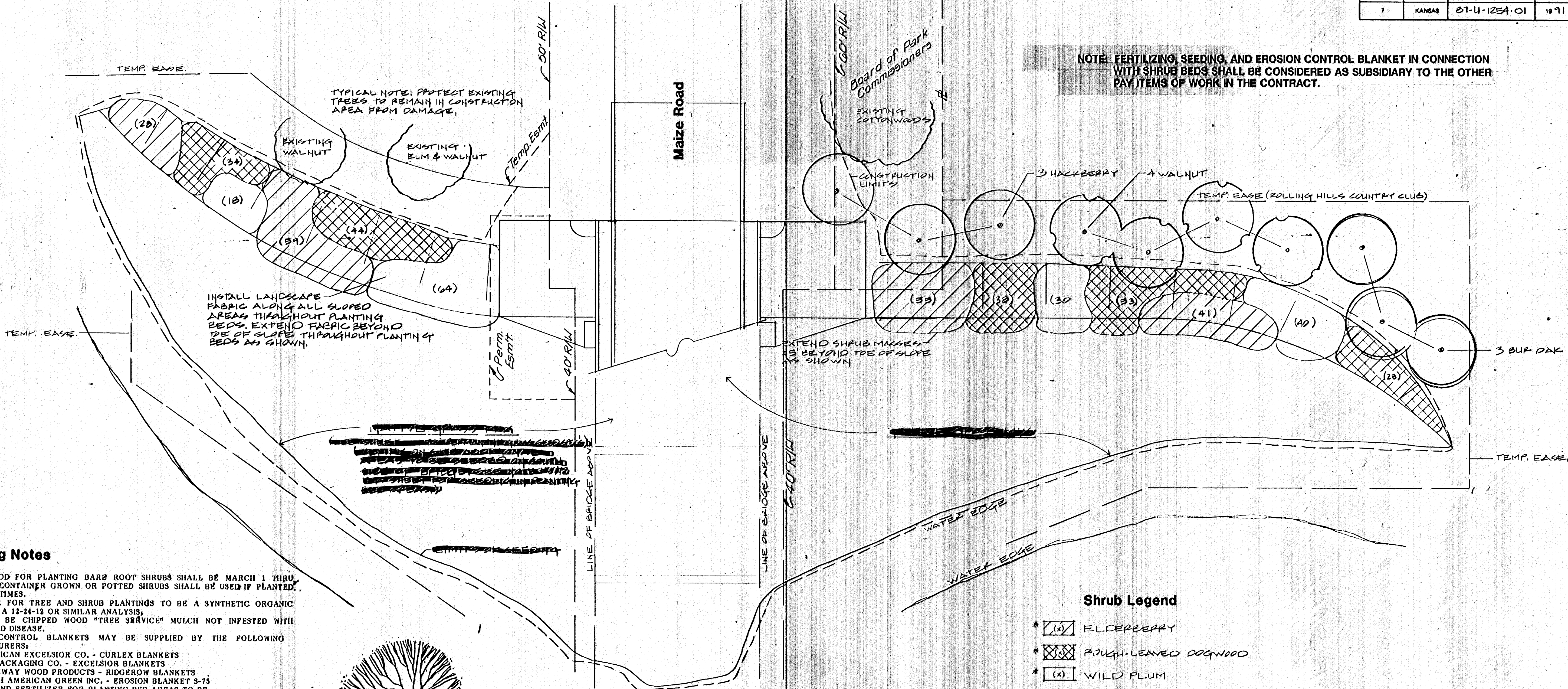


70-11

MUNICIPAL ENGINEERS
Civil Engineers & Land Surveyors
254 Laura, Suite 201
Wichita, Kansas 67211

MAIZE ROAD		
SCALE:	APPROVED BY	DRAWN BY
DATE:		REVISED
LANDSCAPE PLAN		
DRAWING NUMBER		3 of 4

NOTE: FERTILIZING, SEEDING, AND EROSION CONTROL BLANKET IN CONNECTION WITH SHRUB BEDS SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER PAY ITEMS OF WORK IN THE CONTRACT.



Planting Notes

1. TIME PERIOD FOR PLANTING BARE ROOT SHRUBS SHALL BE MARCH 1 THRU APRIL 30. CONTAINER GROWN OR POTTED SHRUBS SHALL BE USED IF PLANTED AT OTHER TIMES.
 2. FERTILIZER FOR TREE AND SHRUB PLANTINGS TO BE A SYNTHETIC ORGANIC TYPE WITH A 12-24-12 OR SIMILAR ANALYSIS.
 3. MULCH TO BE CHIPPED WOOD "TREE SERVICE" MULCH NOT INFESTED WITH INSECTS AND DISEASE.
 4. EROSION CONTROL BLANKETS MAY BE SUPPLIED BY THE FOLLOWING MANUFACTURERS:
AMERICAN EXCELSIOR CO. - CURLEX BLANKETS
PPS PACKAGING CO. - EXCELSIOR BLANKETS
RIDGEWAY WOOD PRODUCTS - RIDGEWAY BLANKETS
NORTH AMERICAN GREEN INC. - EROSION BLANKET S-75
 5. SEED MIX AND FERTILIZER FOR PLANTING BED AREAS TO BE:
LITTLE BLUESTEM 'ALDOUS' AT 1 LB. PLS/1000 S.F.
SIDEWATER GRAMA 'TRAILWAY' AT 2 LB. PLS/1000 S.F.
FERTILIZER (16-20-0) AT 3 LBS./1000 S.F.
INSTALL SEED PRIOR TO INSTALLATION OF EROSION CONTROL BLANKET. SEE SHEET 30A FOR ADDITIONAL NOTES.
 6. APPLY APPROVED PRE-EMERGENT CHEMICAL TO SOIL SURFACE OF EXCAVATED AREA FOR EACH SHRUB TO INHIBIT GERMINATION OF GRASS SEED. *
 7. PLANTS AND MATERIALS SHALL BE APPROVED BY THE ENGINEER. APPROVAL OF SUBSTITUTIONS SHALL BE DETERMINED BY THE ENGINEER.
 8. CONTRACTOR SHALL FLAG THE OUTLINE OF EACH SHRUB BED AREA AND TREE LOCATIONS FOR THE ENGINEER'S APPROVAL BEFORE PLANTING. SPACE FLAGS FOR BED AREAS SUCH THAT THE BED CONFIGURATION CAN BE EASILY DISCERNED FOR INSPECTION. USE FLUORESCENT ORANGE WIRE STAKE FLAGS OR OTHER APPROVED COLOR FOR MARKING. REMOVE FLAGS AFTER COMPLETION OF PLANTING OPERATIONS IN BEDS.
 9. SOIL BACKFILL TO BE MADE OF EXCAVATED SOIL FROM PLANTING HOLE WORKED TO A FRIABLE CONSISTENCY BEFORE BACKFILLING. INCORPORATE FERTILIZER INTO THE SOIL SURFACE OF THE EXCAVATED AREA IMMEDIATELY AFTER PLANTING. APPLY AT THE RATE OF 1/2 LB./SHRUB OR 2 LBS./TREE.
 10. WATER PLANTINGS TO SETTLE BACKFILL AND FERTILIZER. RESHAPE SOIL SAUCERS AND LEVEL SOIL SURFACE AS SHOWN IN DETAILS.
 11. WHEN BARE ROOT SHRUBS ARE PROVIDED THE ESTABLISHMENT PERIOD FOR TREES AND SHRUBS SHALL BE EXTENDED TO 90 (NINETY) DAYS.
 12. SHRUBS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE BID PER EACH FOR THE VARIOUS TYPES AND SIZES SHOWN. SAID PRICE SHALL INCLUDE ALL EXCAVATION AND BACKFILL, PLANT MATERIALS, FERTILIZER, EROSION CONTROL BLANKET, SHRUB BED AREA SEED AND FERTILIZER AND ALL ASSOCIATED LABOR, TOOLS, WATER AND INCIDENTALS REQUIRED TO ESTABLISH PLANTS AND RECEIVE ACCEPTANCE.
 13. TREES SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE BID PER EACH FOR THE VARIOUS TYPES AND SIZES SHOWN. SAID PRICE SHALL INCLUDE ALL EXCAVATION AND BACKFILL, PLANT MATERIALS, FERTILIZER, STAKING, MULCHING, WRAPPING AND ALL ASSOCIATED LABOR, TOOLS, WATER AND INCIDENTALS REQUIRED TO ESTABLISH PLANTS AND RECEIVE ACCEPTANCE.
- * Subsidiary to planting trees and shrubs
* Pre-emergent

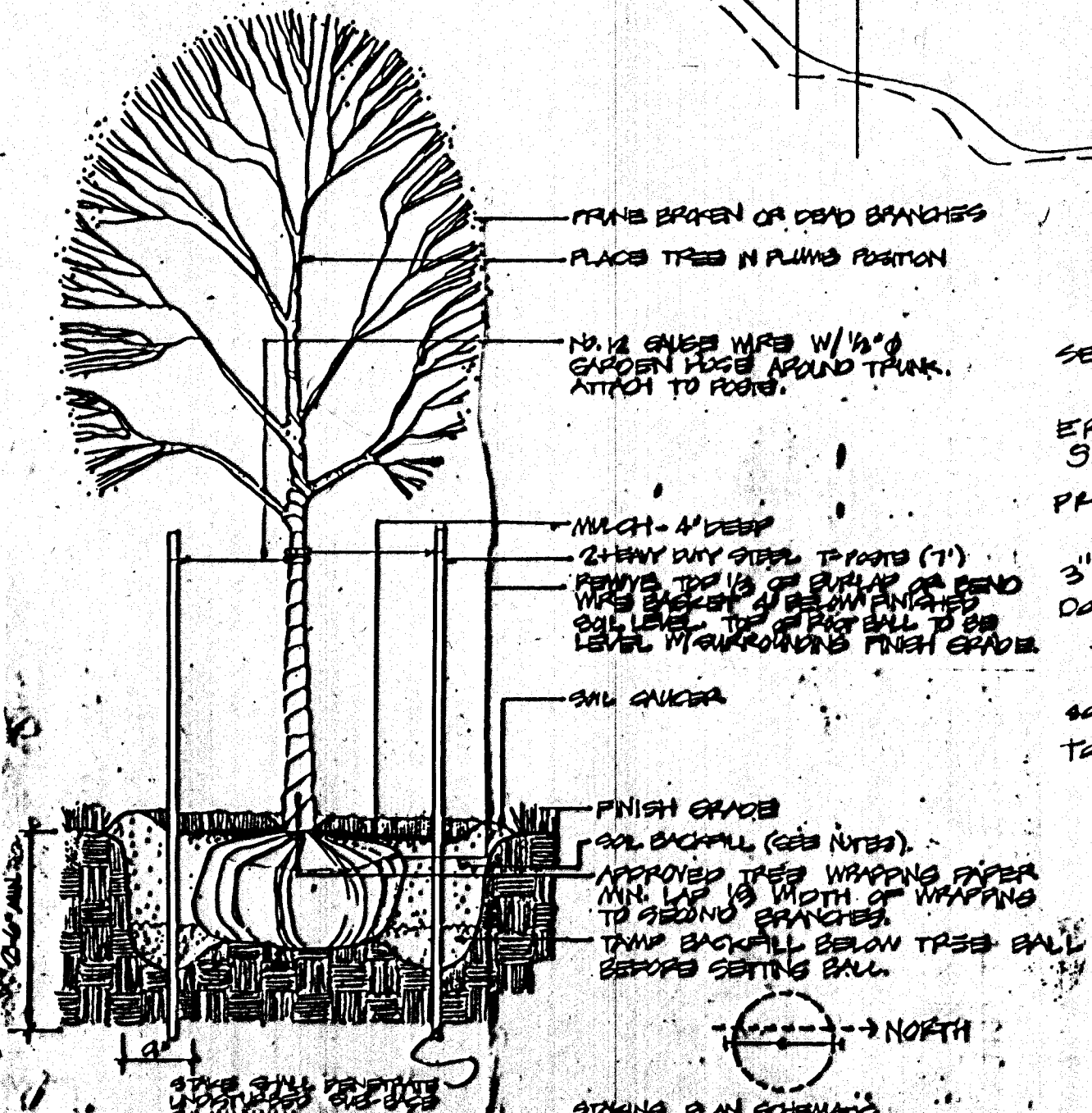
Shrub Legend

- * (X) ELDERBERRY
 - * (X) POUGH-LEAVED DOGWOOD
 - * (X) WILD PLUM
- * TYPICAL SPACING IS 3'-0" O.C.
(X) DENOTES SHRUB QUANTITY PER BED AREA.

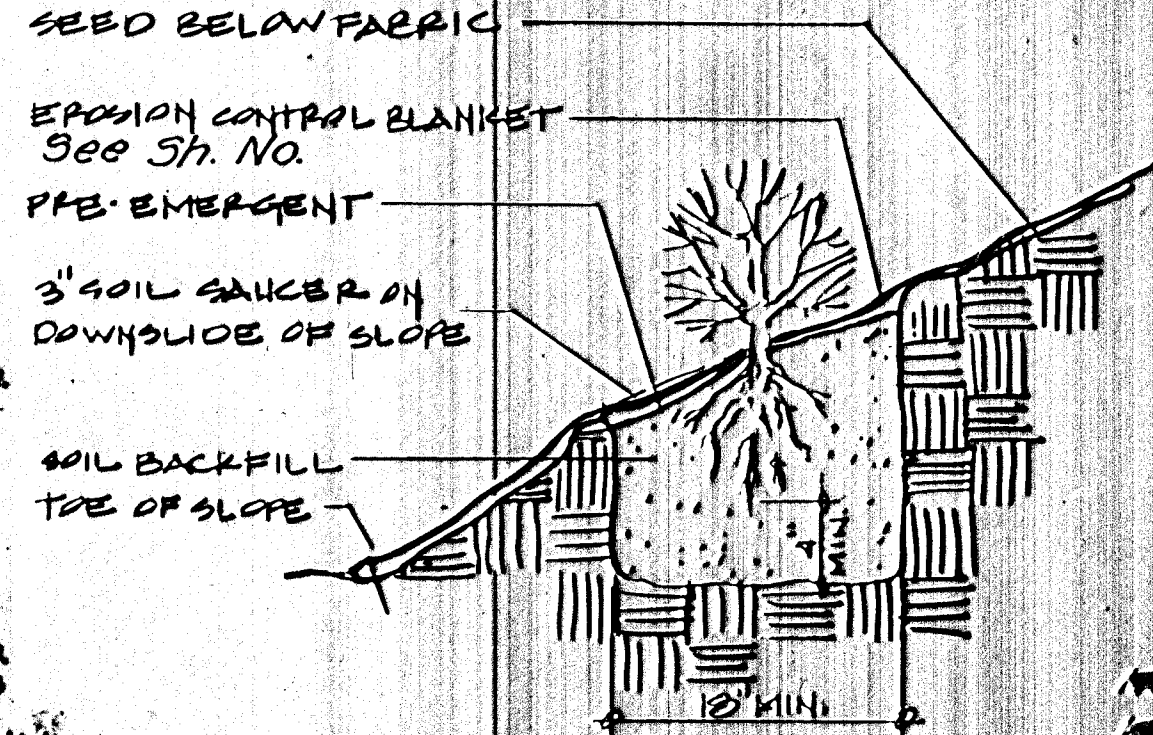
Summary of Planting Quantities

NO.	QUANTITY	COMMON/BOTANICAL NAME	SIZE/PEC.
TREES			
3	2	BUR OAK	2-2 1/2" CAL. B&B - 26" DIA. BALL MIN.
		QUERCUS MACROCARPA	
4	4	WALNUT	2-2 1/2" CAL. B&B - 26" DIA. BALL MIN.
		JUGLANS NIGRA	
3	3	HACKBERRY	2-2 1/2" CAL. B&B - 26" DIA. BALL MIN.
		CELTIS OCCIDENTALIS	
SHRUBS			
123	123	ELDERBERRY	15-18" BR
		SAMBUCUS CANADENSIS	
177	177	POUGH-LEAVED DOGWOOD	15-18" BR
		CORNUS DRUMMONDII	
132	132	WILD PLUM	15-18" BR
		PRUNUS AMERICANA	

NOTE: CONTAINER GROWN SHRUBS MAY BE PROVIDED AT CONTRACTOR'S OPTION. SEE PLANTING NOTES.

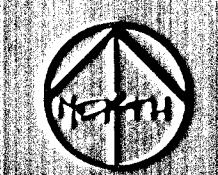


Typical Tree Planting Detail



Typical Shrub Planting Detail

NOTES: 1. PLANTING PLANTINGS SHALL BE DONE IN ACCORDANCE WITH THE PROJECT MANUAL AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS, EDITION 1989, LATEST REVISIONS. 2. PLANTINGS SHALL BE DONE IN ACCORDANCE WITH THE PROJECT MANUAL AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS, EDITION 1989, LATEST REVISIONS.



Landscape Architects Planners
JONES PROFESSIONAL ASSOCIATION
1115 East Second Street • Wichita, Kansas 67214 • (316) 262-4525

DESIGNED: CJP
DRAWN: CJP
CHECKED: J.J.
DATE: 9-20-90
REVISIONS: 1-11-91 CJP
1-24-91 CJP
PROJECT NUMBER: 87-4-125A

REGISTERED LANDSCAPE ARCHITECT
MARGARET R. JONES
20
STATE OF KANSAS

PLANTING PLAN
MAIZE ROAD BRIDGE
OVER COWSKIN CREEK

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEER
WICHITA, KANSAS

Designed by _____ Checked by _____
Drawn by _____ Date _____
Job No. 87-4-1