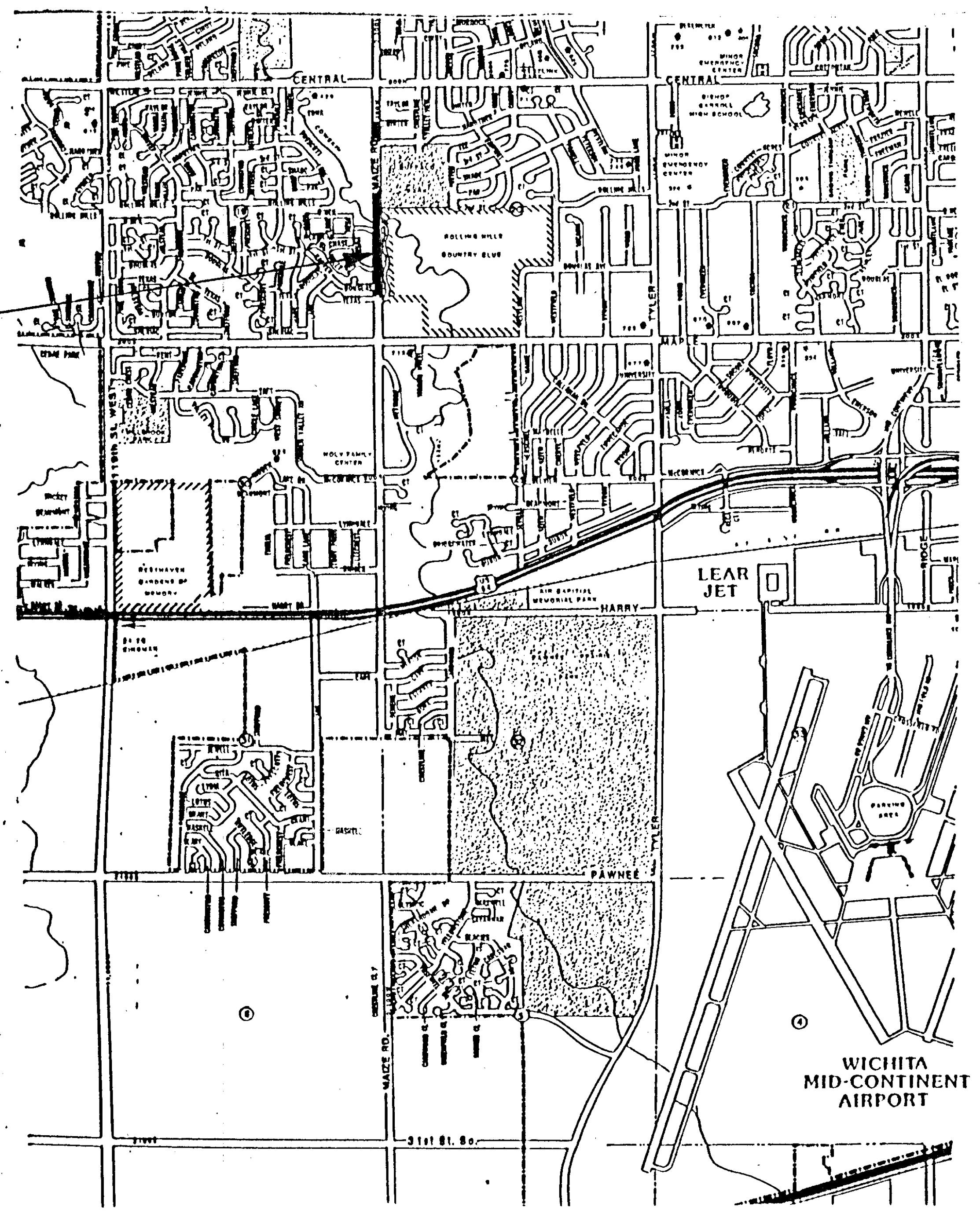
CITY OF WICHITA, KANSAS
LANDSCAPE PLANS
MAIZE ROAD
FROM NORTH OF MAPLE TO SOUTH OF CENTRAL

PROJET

PROJECT LOCATION


CENTRAL
LEAR JET
WICHITA MID-CONTINENT AIRPORT

LOCATION MAP

INDEX :

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

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

INDEX # 705483

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

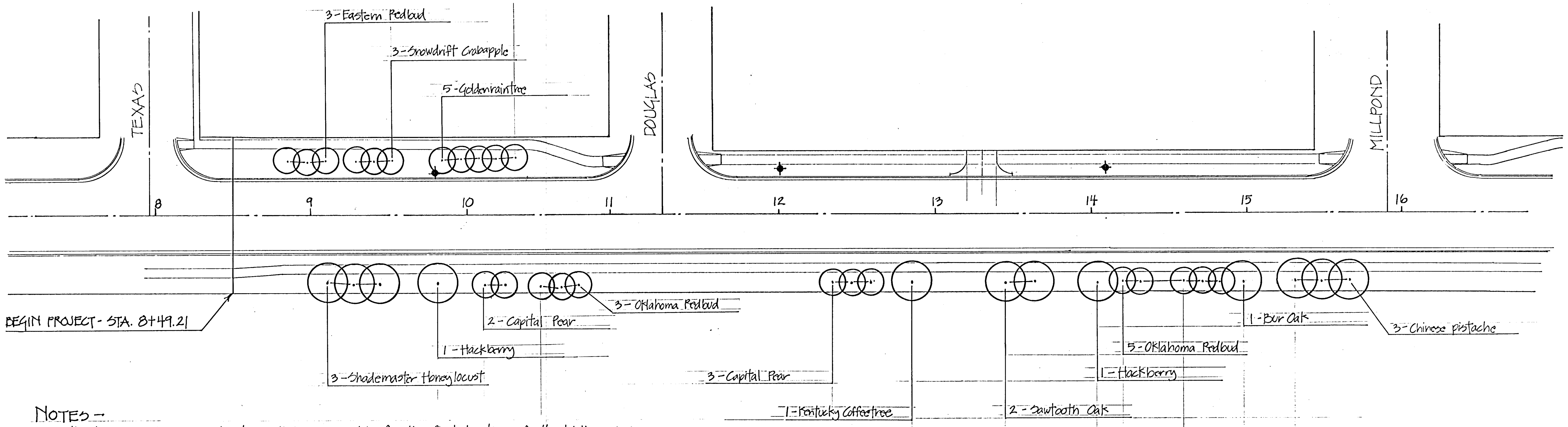
70-11

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

PLANT LIST -

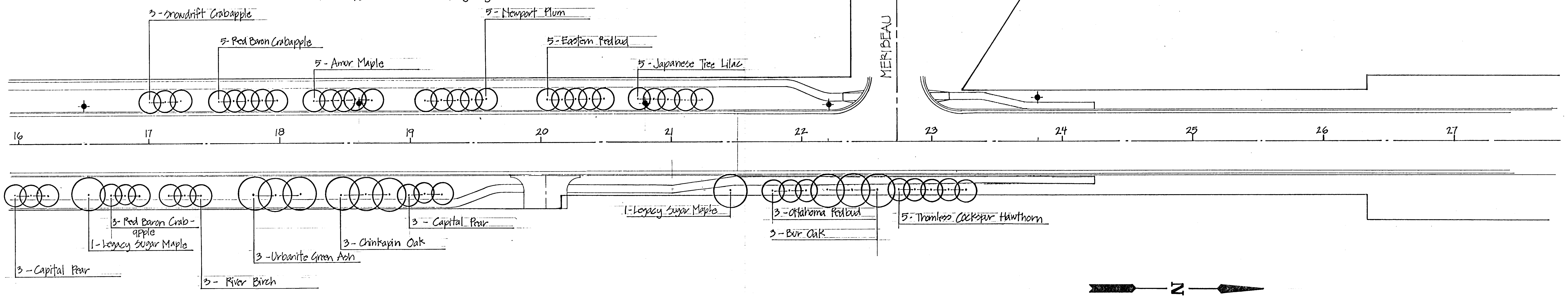
QTY.	BOTANICAL NAME	COMMON NAME
SHADE TREES -		
6	Acer saccharum 'Legacy'	Legacy Sugar Maple
5	Celtis occidentalis	Hackberry
6	Fraxinus pennsylvania 'Marshall's Seedless'	Marshall's Seedless Ash
6	Fraxinus pennsylvania 'Urbanite'	Urbanite Green Ash
11	Gleditsia triacanthos inermis 'Shademaster'	Shademaster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

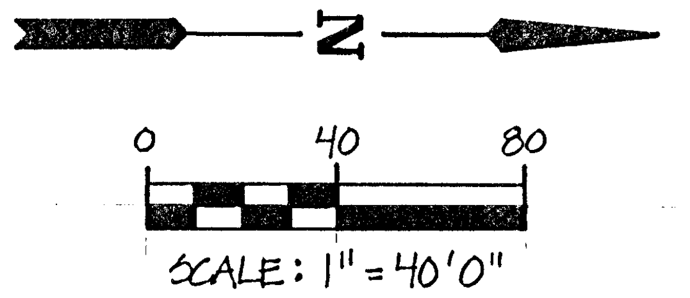
Note: Size - Shade Trees - 2-2½" caliper min.
Ornamental Trees - 6-8' Ht. min.
All trees are to be supplied balled and burlapped.


3-Eastern Redbud
3-Snowdrift Crabapple
5-Goldenraintree
TEXAS
DOUGLAS
MILLPOND
8
9
10
11
12
13
14
15
16
BEGIN PROJECT - STA. 8+49.21
3-Oklahoma Redbud
2-Capital Pear
1-Hackberry
3-Shademaster Honeylocust
3-Capital Pear
1-Kentucky Coffeetree
2-Sawtooth Oak
1-Hackberry
5-Oklahoma Redbud
1-Bur Oak
3-Chinese pistache

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-1360-01.
6. All trees shall be northern grown - plants grown in nurseries one (1) year or more, located in hardiness zones 3-6, per the U.S.D.A. 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.


3-Snowdrift Crabapple
5-Red Baron Crabapple
5-Amur Maple
5-Newport Plum
5-Eastern Redbud
5-Japanese Tree Lilac
MERIBEAU
16
17
18
19
20
21
22
23
24
25
26
27
3-Red Baron Crab-apple
1-Legacy Sugar Maple
3-Capital Pear
3-River Birch
3-Urbanite Green Ash
3-Chinkapin Oak
3 - Capital Pear
1-Legacy Sugar Maple
3-Oklahoma Redbud
3-Bur Oak
5-Thornless Cockspur Hawthorn



SCALE: 1" = 40'0"

90.11

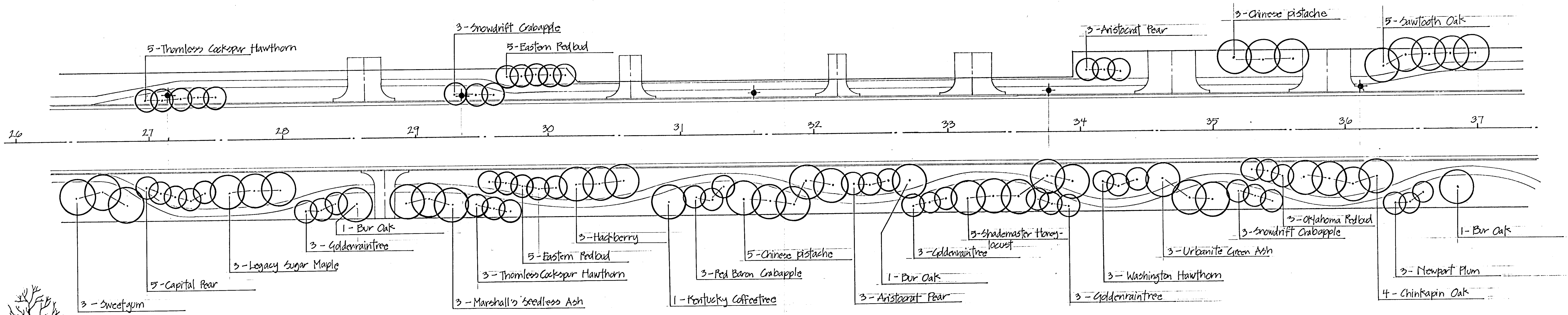
MUNICIPAL ENGINEERS
Civil Engineers & Land Surveyors
254 Laura, Suite 201
Wichita, Kansas 67211

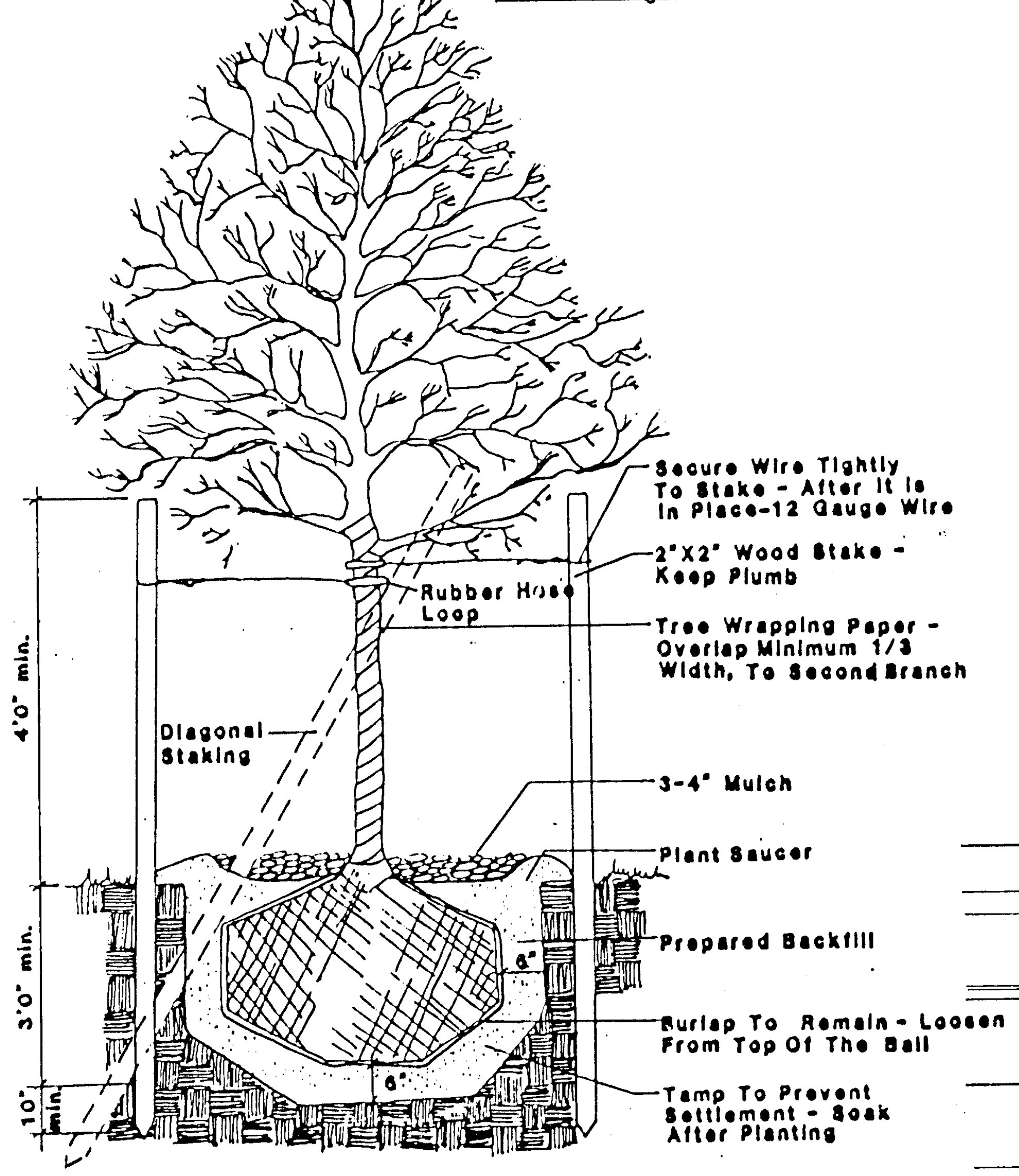
MAIZE ROAD

SCALE:
APPROVED BY:
DRAWN BY
DATE:
REVISED

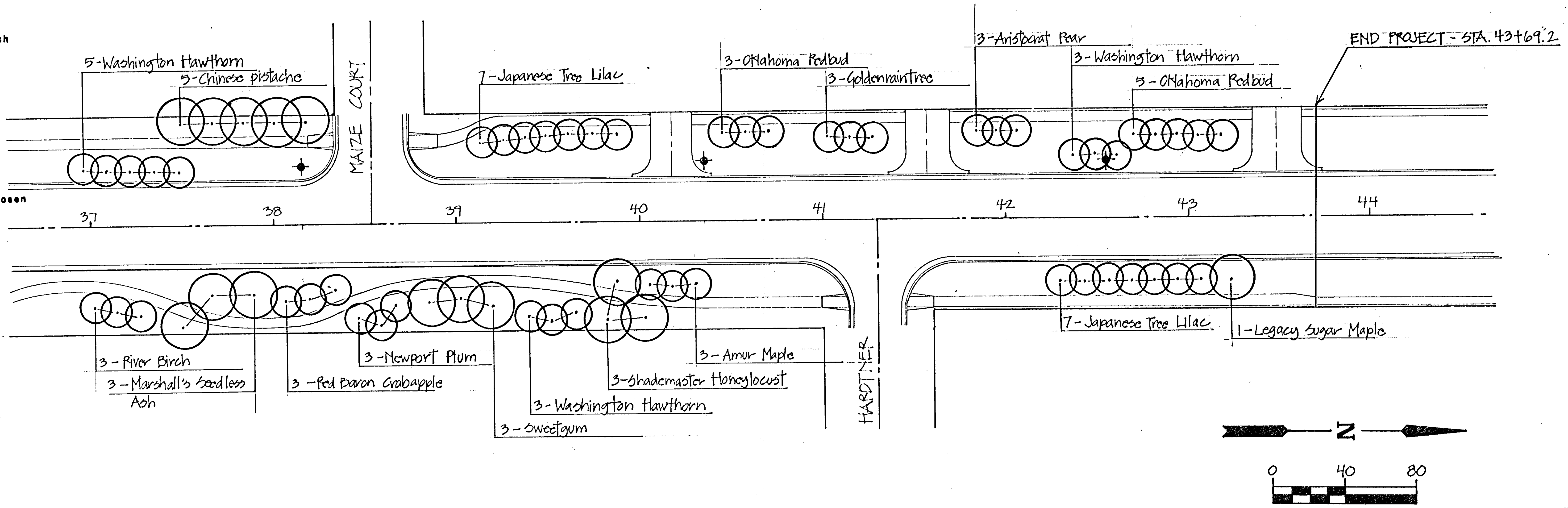
LANDSCAPE PLAN

DRAWING NUMBER
2 of 4


5-Thornless Cockspur Hawthorn
3-Snowdrift Crabapple
5-Eastern Redbud
3-Aristocrat Pear
3-Chinese pistache
5-Sawtooth Oak
26
27
28
29
30
31
32
33
34
35
36
37
1 - Bur Oak
3 - Goldenraintree
3 - Legacy Sugar Maple
5 - Capital Pear
3 - Sweetgum
3-Hackberry
5 - Eastern Redbud
3 - Thornless Cockspur Hawthorn
3 - Marshall's Seedless Ash
5 - Chinese pistache
3 - Red Baron Crabapple
1 - Kentucky Coffeetree
5-Shademaster Honey-locust
3 - Goldenraintree
1 - Bur Oak
3 - Aristocrat Pear
3 - Washington Hawthorn
3 - Goldenraintree
3 - Urbanite Green Ash
3 - Oklahoma Redbud
3 - Snowdrift Crabapple
1 - Bur Oak
3 - Newport Plum
4 - Chinkapin Oak


Secure Wire Tightly To Stake - After It Is In Place-12 Gauge Wire
2"X2" Wood Stake - Keep Plumb
Rubber Hose Loop
Tree Wrapping Paper - Overlap Minimum 1/3 Width, To Second Branch
Diagonal Staking
3-4" Mulch
Plant Saucer
Prepared Backfill
Burlap To Remain - Loosen From Top Of The Ball
Tamp To Prevent Settlement - Soak After Planting
4'0" min.
3'0" min.
10" min.
6"
6"

TREE STAKING DETAIL


5-Washington Hawthorn
5-Chinese pistache
MAIZE COURT
7-Japanese Tree Lilac
3-Oklahoma Redbud
3-Goldenraintree
3-Aristocrat Pear
3-Washington Hawthorn
5-Oklahoma Redbud
END PROJECT - STA. 43+69.2
37
38
39
40
41
42
43
44
3 - River Birch
3 - Marshall's Seedless Ash
3 - Red Baron Crabapple
3 - Newport Plum
3 - Sweetgum
3 - Washington Hawthorn
3-Shademaster Honeylocust
3 - Amur Maple
HARDTNER
7-Japanese Tree Lilac
1-Legacy Sugar Maple
N
0
40
80

SCALE: 1" = 40'0"

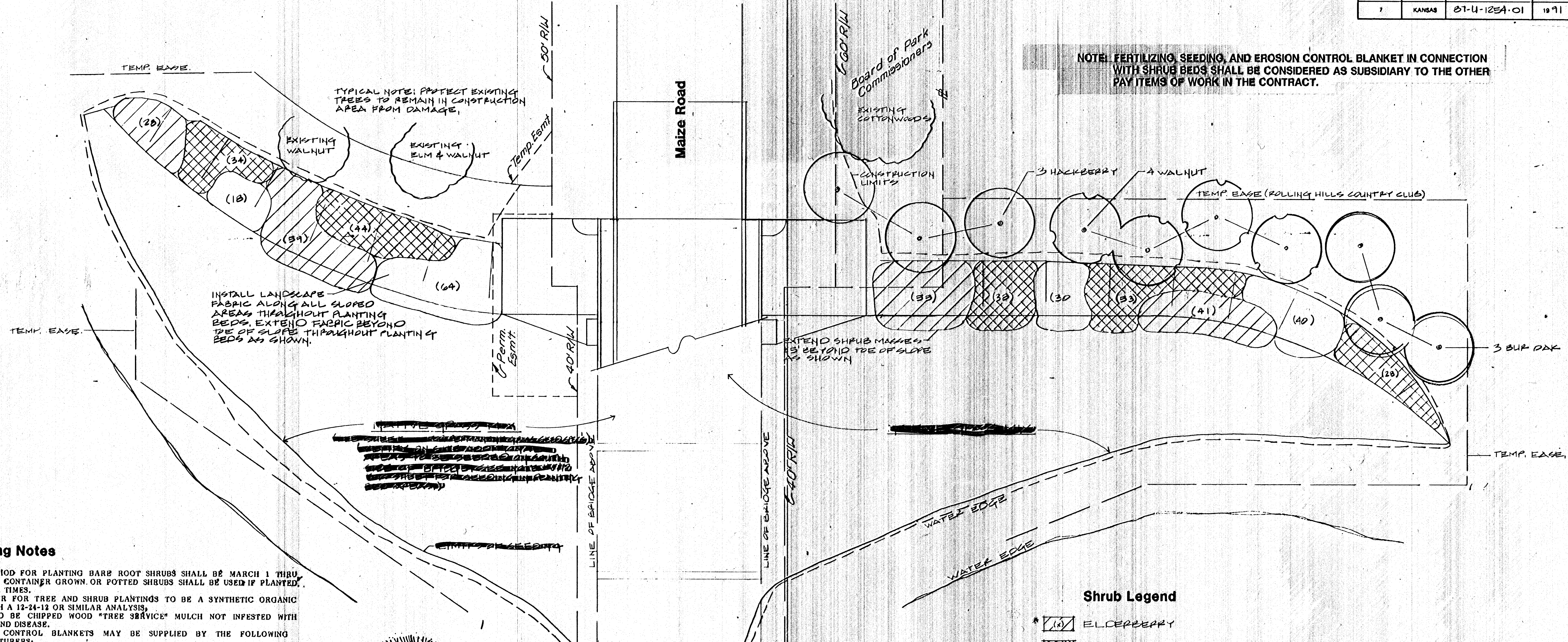
90-11

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

FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87-U-1254-01	1991	4	4

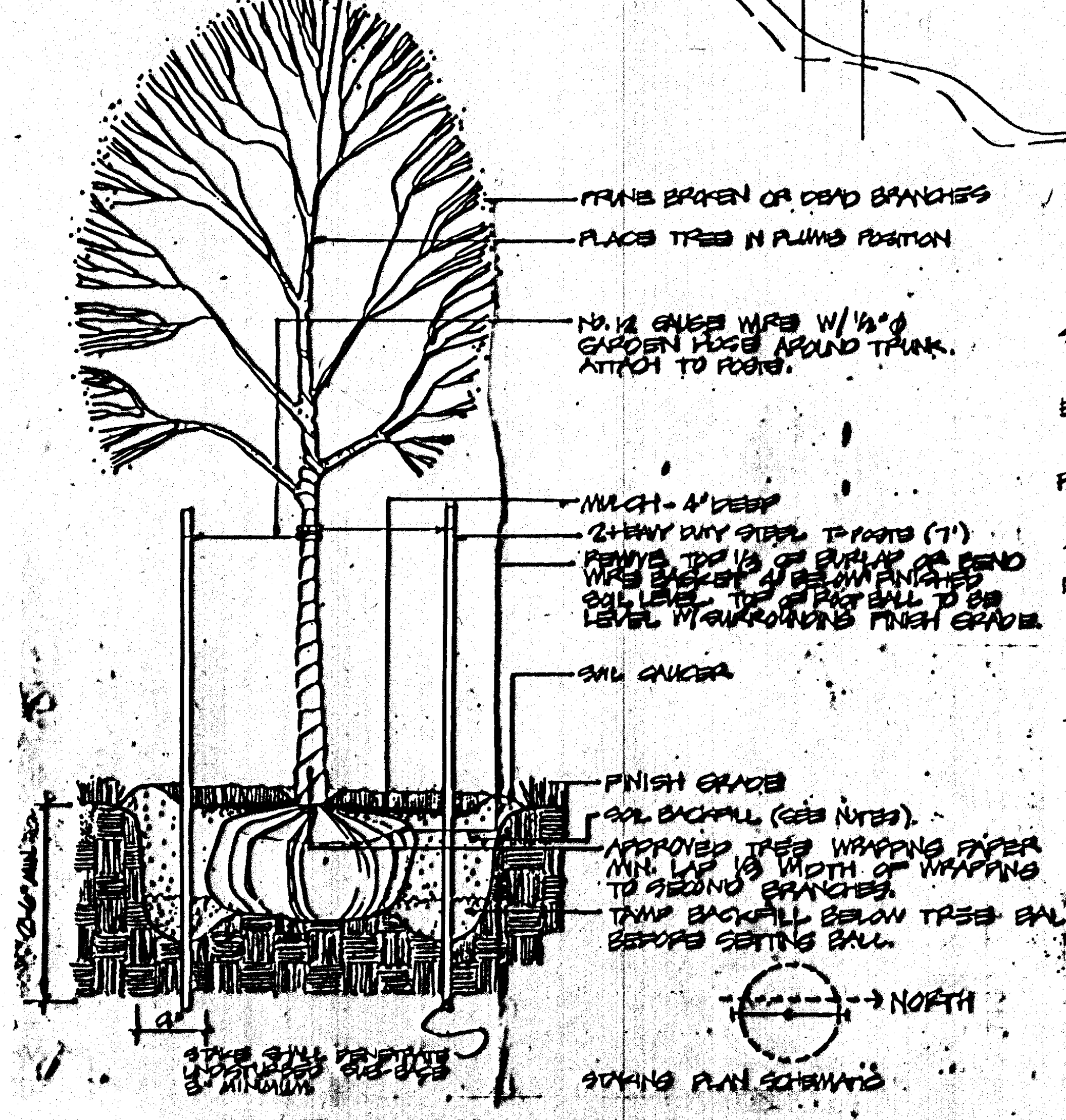
NOTE: FERTILIZING, SEEDING, AND EROSION CONTROL BLANKET IN CONNECTION WITH SHRUB BEDS SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER PAY ITEMS OF WORK IN THE CONTRACT.


TEMP. EASE.
TYPICAL NOTE: PROTECT EXISTING TREES TO REMAIN IN CONSTRUCTION AREA FROM DAMAGE.
EXISTING WALNUT
EXISTING ELM & WALNUT
Temp. Esmt.
50' R/W
Maize Road
60' R/W
Board of Park Commissioners
EXISTING COTTONWOODS
CONSTRUCTION LIMITS
3 HACKBERRY
4 WALNUT
TEMP. EASE (ROLLING HILLS COUNTRY CLUB)
(28)
(34)
(18)
(39)
(44)
(64)
(39)
(32)
(30)
(33)
(41)
(40)
(28)
3 BUR OAK
TEMP. EASE.
INSTALL LANDSCAPE FABRIC ALONG ALL SLOPED AREAS THROUGHOUT PLANTING BEDS. EXTEND FABRIC BEYOND TOE OF SLOPE THROUGHOUT PLANTING BEDS AS SHOWN.
TEMP. EASE.
Perm. Esmt.
40' R/W
EXTEND SHRUB MASSES 3' BEYOND TOE OF SLOPE AS SHOWN
[redacted]
[redacted]
LINE OF BRIDGE ABOVE
LINE OF BRIDGE ABOVE
40' R/W
[redacted]
WATER EDGE
WATER EDGE

Planting Notes

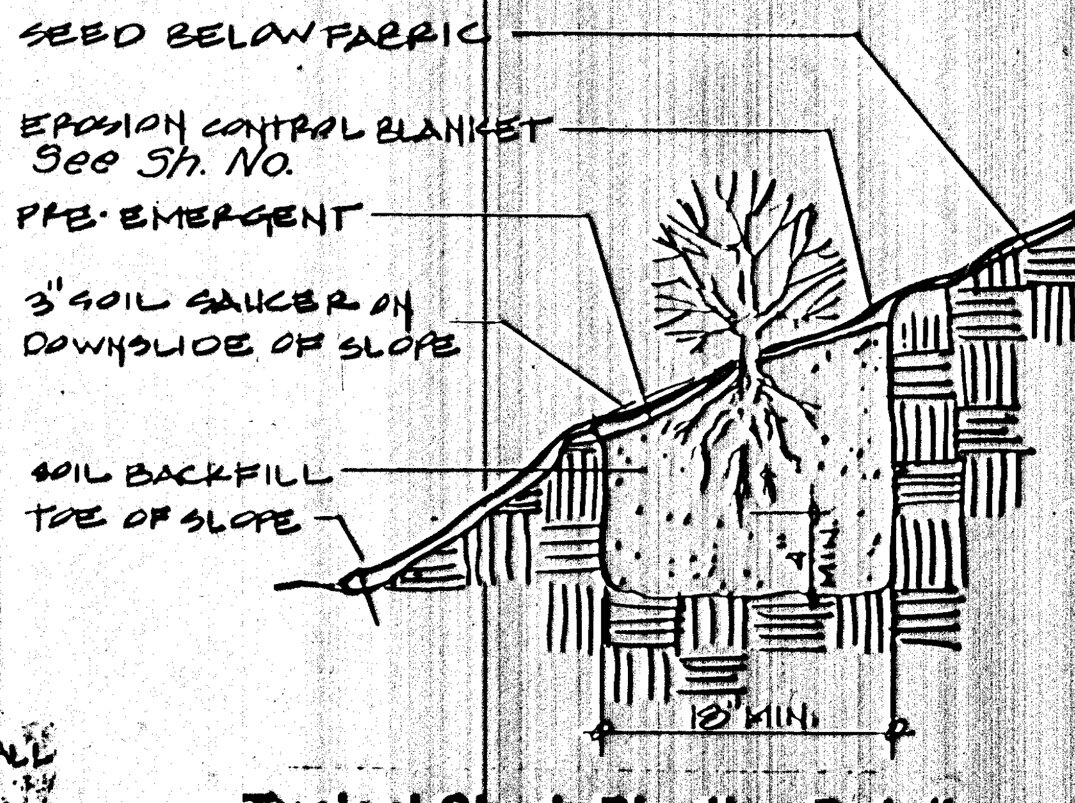
1. TIME PERIOD FOR PLANTING BARE ROOT SHRUBS SHALL BE MARCH 1 THRU APRIL 30. CONTAINER GROWN OR POTTED SHRUBS SHALL BE USED IF PLANTED AT OTHER TIMES.
2. FERTILIZER FOR TREE AND SHRUB PLANTINGS TO BE A SYNTHETIC ORGANIC TYPE WITH A 12-24-12 OR SIMILAR ANALYSIS.
3. MULCH TO BE CHIPPED WOOD "TREE SERVICE" 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 - RIDGEROW 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.
    SIDEOATS GRAMA 'TRAILWAY' AT .2 LB. PLS/1000 S.F.
    FERTILIZER (16-20-0) AT 8 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 30 (THIRTY) 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


PRUNE BROKEN OR DEAD BRANCHES
PLACE TREE IN PLUMB POSITION
NO. 12 GAUGE WIRE W/ 1/2"Ø GARDEN HOSE AROUND TRUNK. ATTACH TO POSTS.
MULCH - 4" DEEP
2 HEAVY DUTY STEEL T-POSTS (7')
REMOVE TOP 1/3 OF BURLAP OR BEND WIRE BASKET 4" BELOW FINISHED SOIL LEVEL. TOP OF ROOT BALL TO BE LEVEL W/ SURROUNDING FINISH GRADE.
SOIL SAUCER
FINISH GRADE
SOIL BACKFILL (SEE NOTES).
APPROVED TREE WRAPPING PAPER MIN. LAP 1/3 WIDTH OF WRAPPING TO SECOND BRANCHES.
TAMP BACKFILL BELOW TREE BALL BEFORE SETTING BALL.
NORTH
STAKING PLAN SCHEMATIC
STAKE SHALL PENETRATE UNDISTURBED SUB-GRADE 6" MINIMUM.
9"
2'-6" MIN.

Typical Tree Planting Detail

NO SCALE


SEED BELOW FABRIC
EROSION CONTROL BLANKET See Sh. No.
PRE-EMERGENT
3" SOIL SAUCER ON DOWNSLIDE OF SLOPE
SOIL BACKFILL
TOE OF SLOPE
MIN.
18" MIN.

Typical Shrub Planting Detail

NO SCALE

NORTH

PLAN SCALE
0 10 20 40 FEET

Shrub Legend

* ▨ (x) ELDERBERRY
* ▩ (x) ROUGH-LEAVED DOGWOOD
* ☐ (x) WILD PLUM

* TYPICAL SPACING 3'-0" O.C.
(x) DENOTES SHRUB QUANTITY PER BED AREA.

Summary of Planting Quantities

~~Non-Part~~	~~Part~~	Total	COMMON/BOTANICAL NAME	SIZE/SPEC.
			TREES	
~~3~~	-	3	BUR OAK QUERCUS MACROCARPA	2-2½" CAL. B&B - 26" DIA. BALL MIN.
~~4~~	-	4	WALNUT JUGLANS NIGRA	2-2½" CAL. B&B - 26" DIA. BALL MIN.
[redacted]	[redacted]	3	HACKBERRY CELTIS OCCIDENTALIS	2-2½" CAL. B&B - 26" DIA. BALL MIN.
			SHRUBS	
[redacted]	[redacted]	183	ELDERBERRY SAMBUCUS CANADENSIS	15-18" BR
[redacted]	-	197	ROUGH-LEAVED DOGWOOD CORNUS DRUMMONDII	15-18" BR
[redacted]	[redacted]	132	WILD PLUM PRUNUS AMERICANA	15-18" BR

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

~~NOTE: Non-participating plantings will be deleted from this project and placed by a separate contract~~

Landscape Architects Planners
JONES PROFESSIONAL ASSOCIATION
1415 East Second Street • Wichita, Kansas 67214 • (316) 262-4525

REGISTERED LANDSCAPE ARCHITECT
MARGARET R. JONES
20
STATE OF KANSAS

Designed: DF
Drawn: DF
Checked: J.J.
Date: 9-20-90
Revisions: 12-11-90 D.F.
1-11-91 D.F.
1-24-91 D.F.
Project Number: 89062

PLANTING PLAN

MAIZE ROAD BRIDGE
OVER COWSKIN CREEK

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

Designed by		Checked by	
Drawn by		Date	Job No. 89247

18-6-43