

FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	235-87 TE-0072-01 TEA I 235-1(190)	1997	1	33

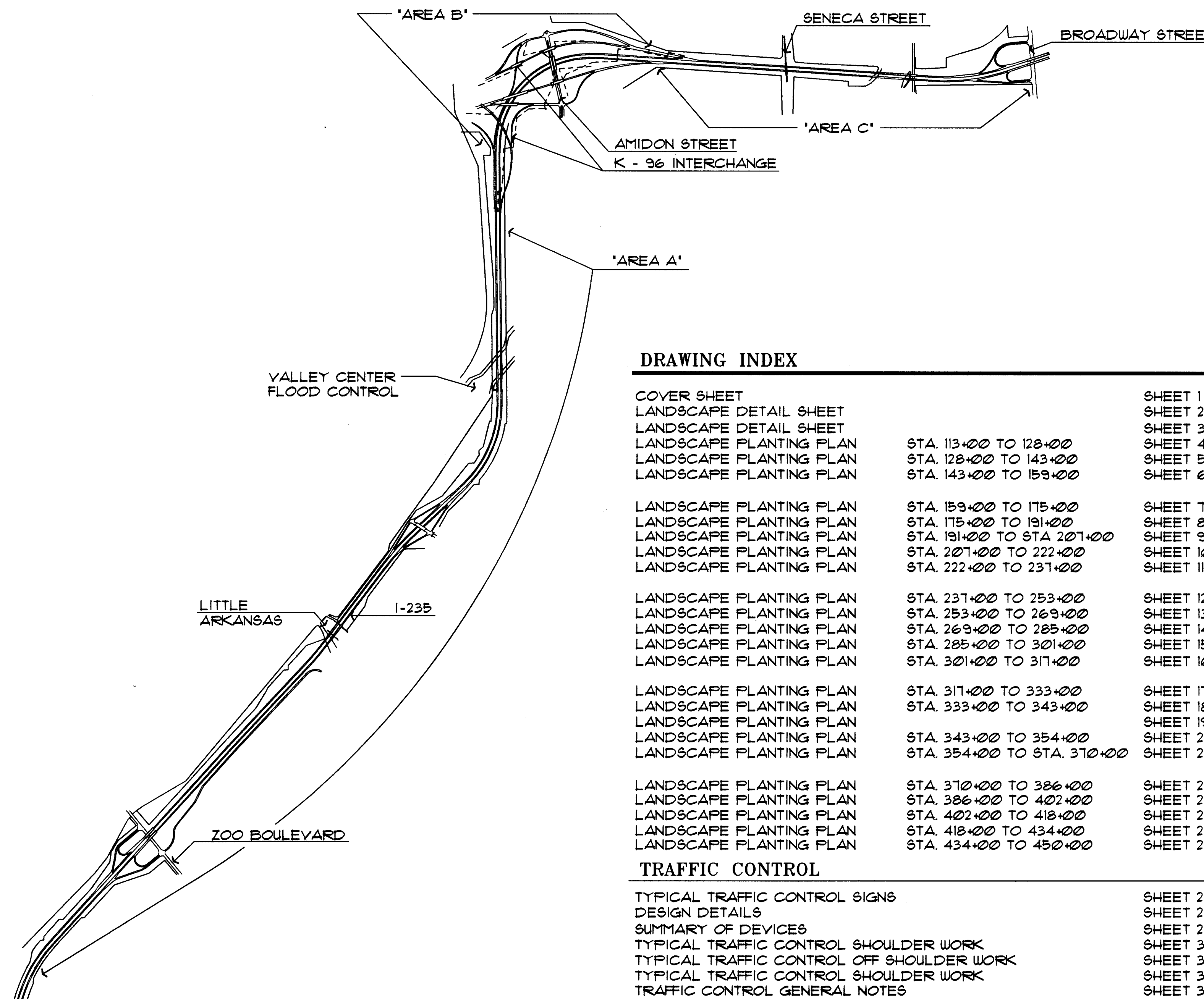
I-235 CORRIDOR LANDSCAPING

LANDSCAPE BEAUTIFICATION IMPROVEMENTS

PROJECT NUMBER 472-825-92

OCA NUMBER 706358

FEDERAL-AID PROJECT



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CONSTRUCTION DRAWINGS FOR:

LANDSCAPE PLANTING PLAN
I-235: 13TH STREET NORTH TO BROADWAY

PREPARED FOR:

THE CITY OF WICHITA
DEPARTMENT OF ENGINEERING
WICHITA, KANSAS

UTILITY OWNERS:

CITY OF WICHITA WATER & SEWER DEPARTMENT — (316) 268-4908
AT&T TELEPHONE COMPANY — (800) 222-3000
PEOPLES NATURAL GAS COMPANY — (316) 946-0096
KANSAS DEPARTMENT OF TRANSPORTATION — (316) 744-1271



KANSAS DEPARTMENT OF TRANSPORTATION

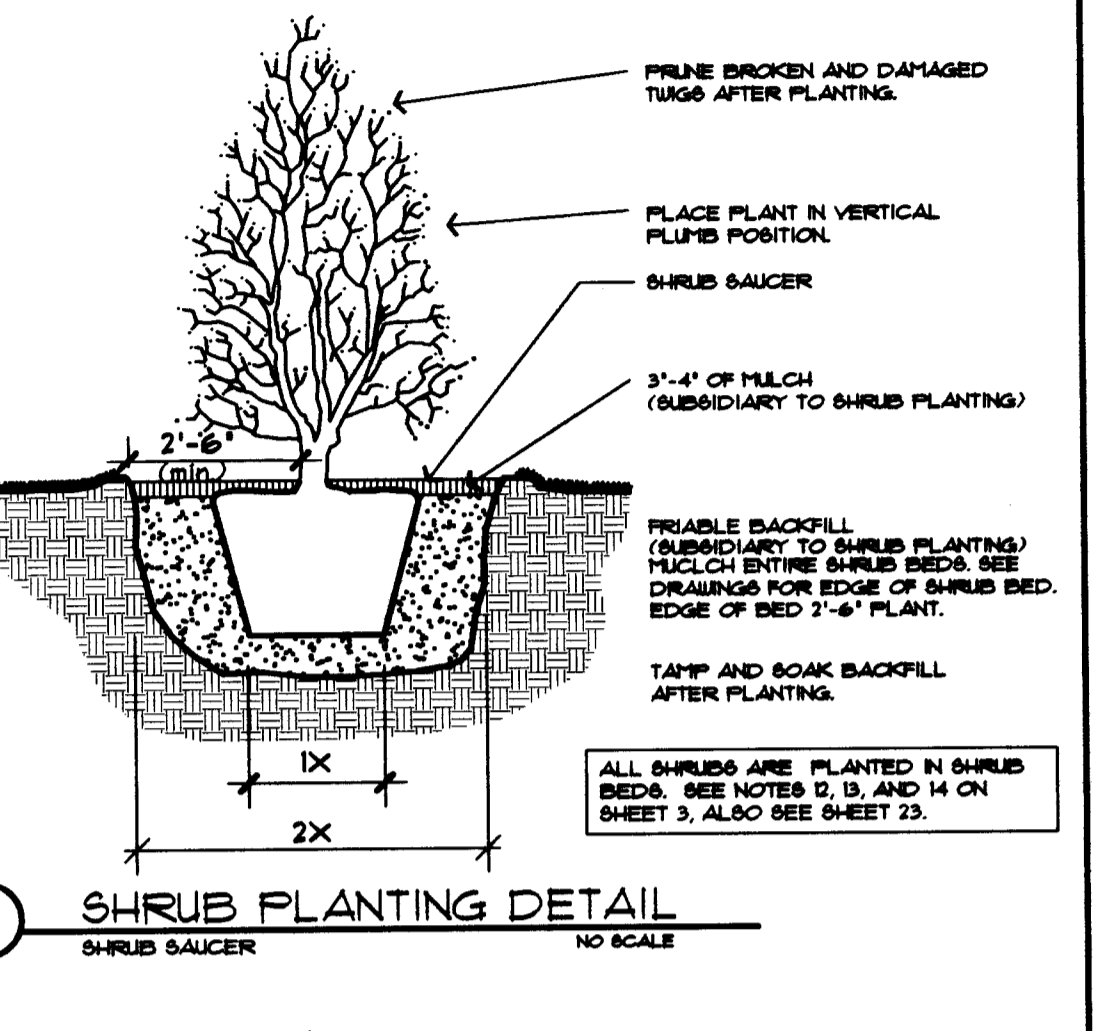
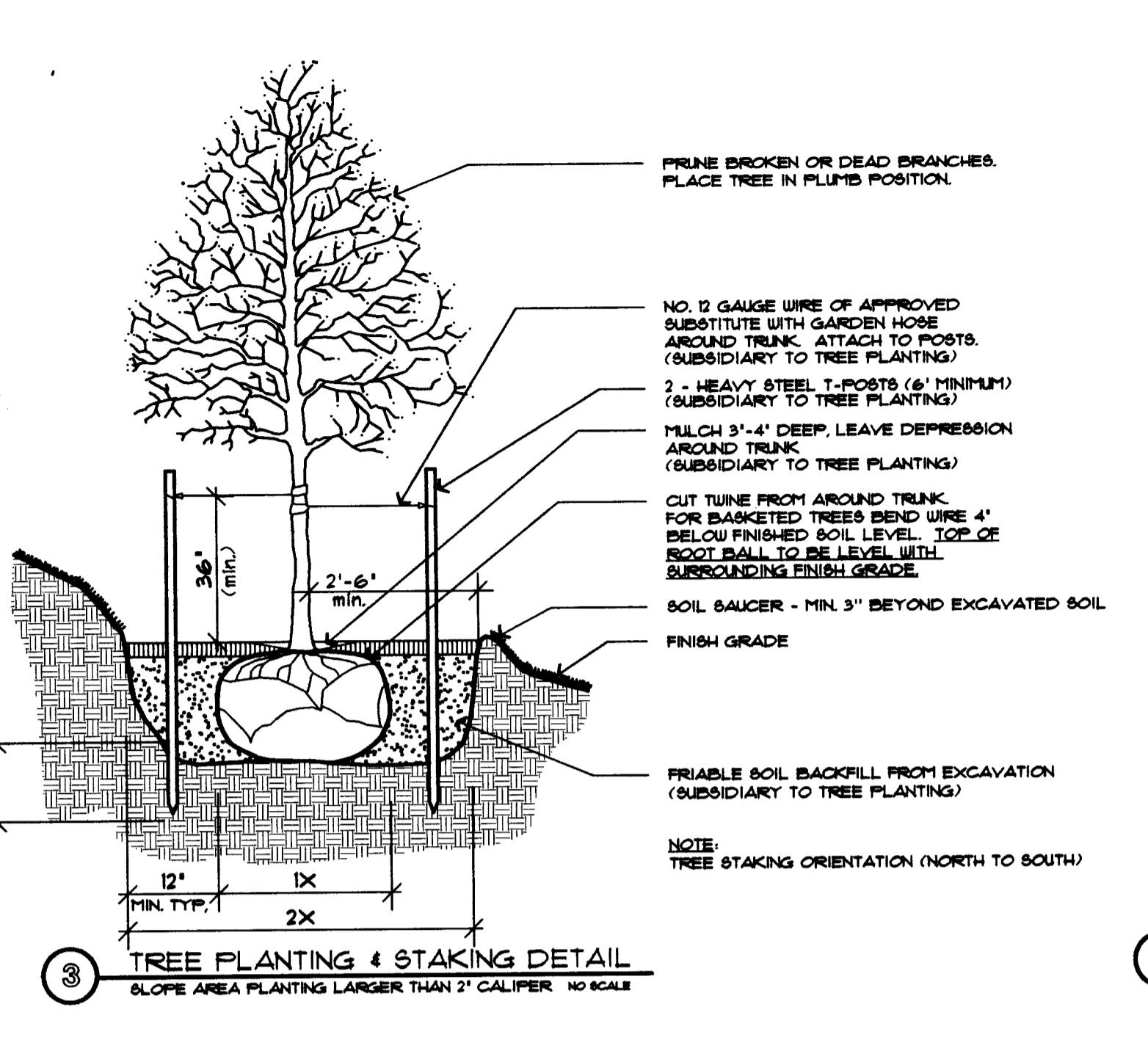
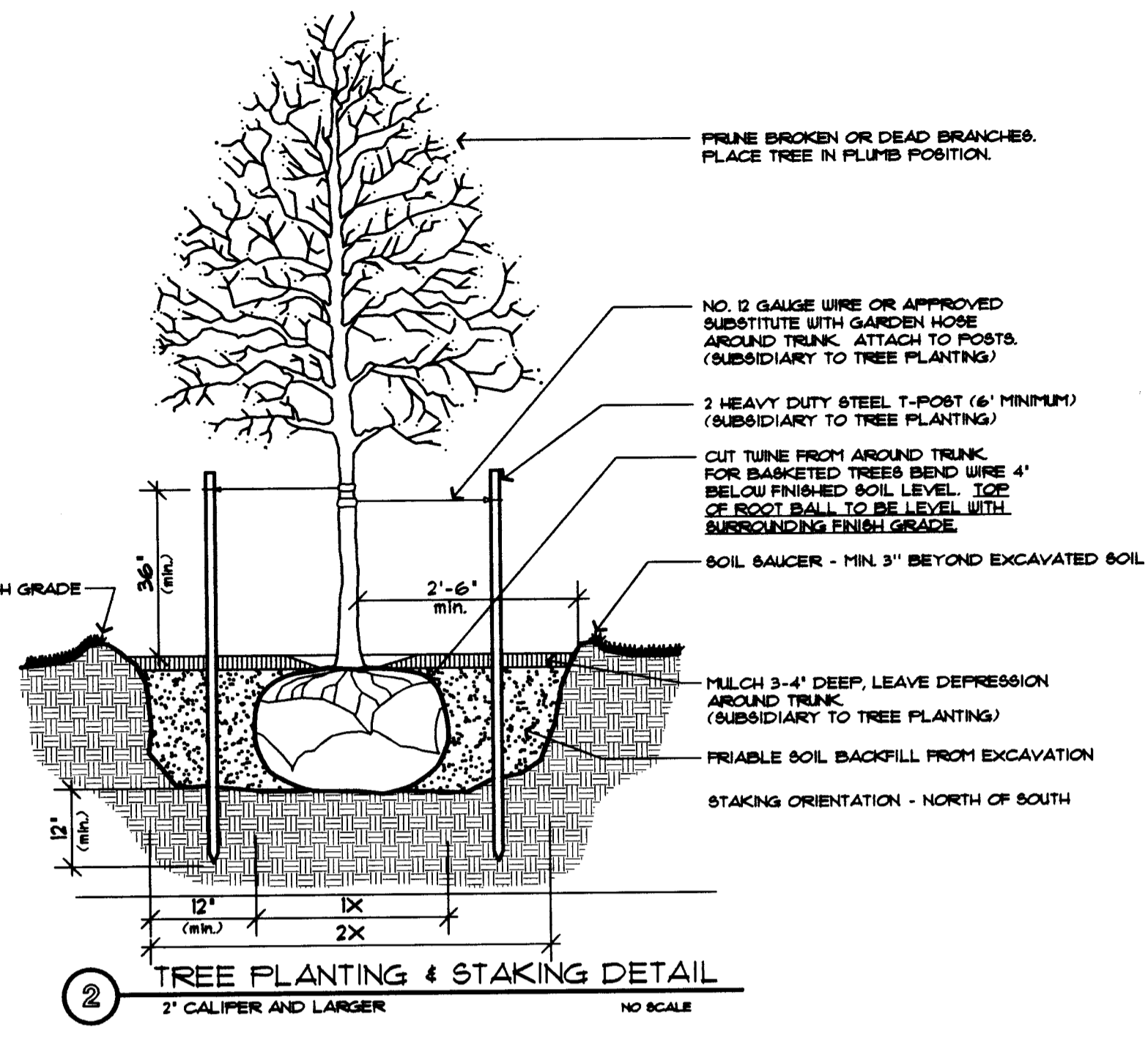
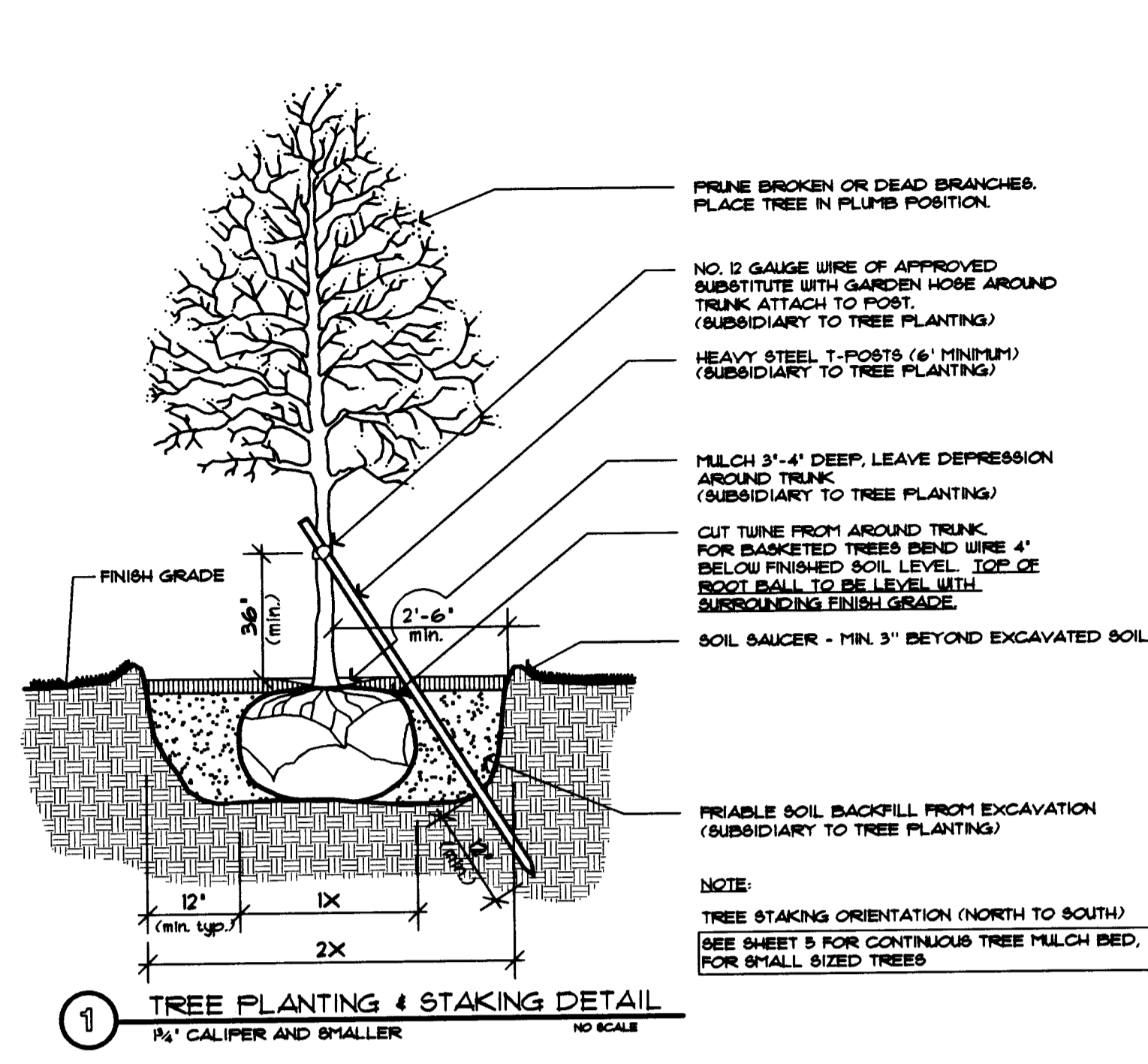
I-235 CORRIDOR LANDSCAPING
COVER SHEET

PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

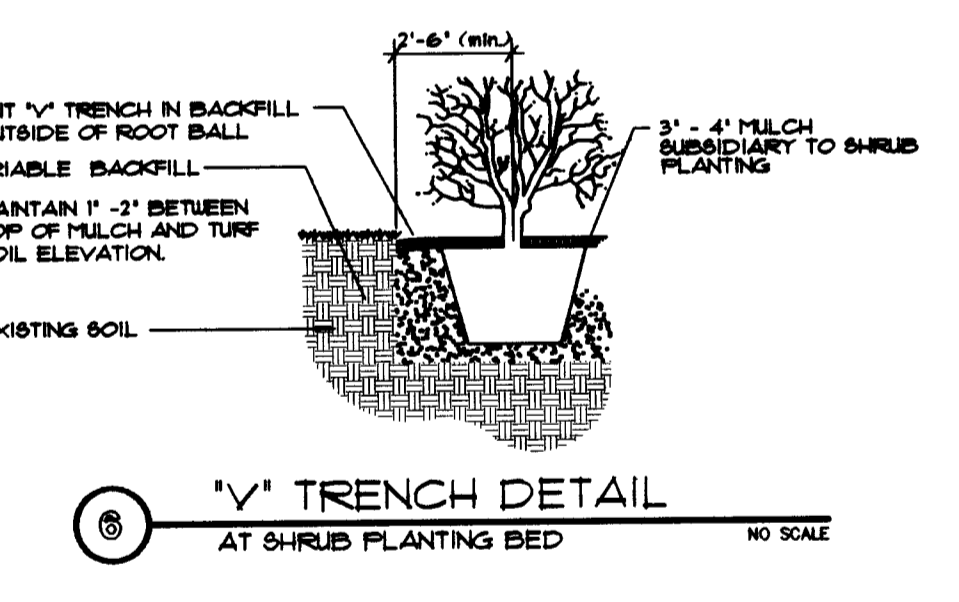
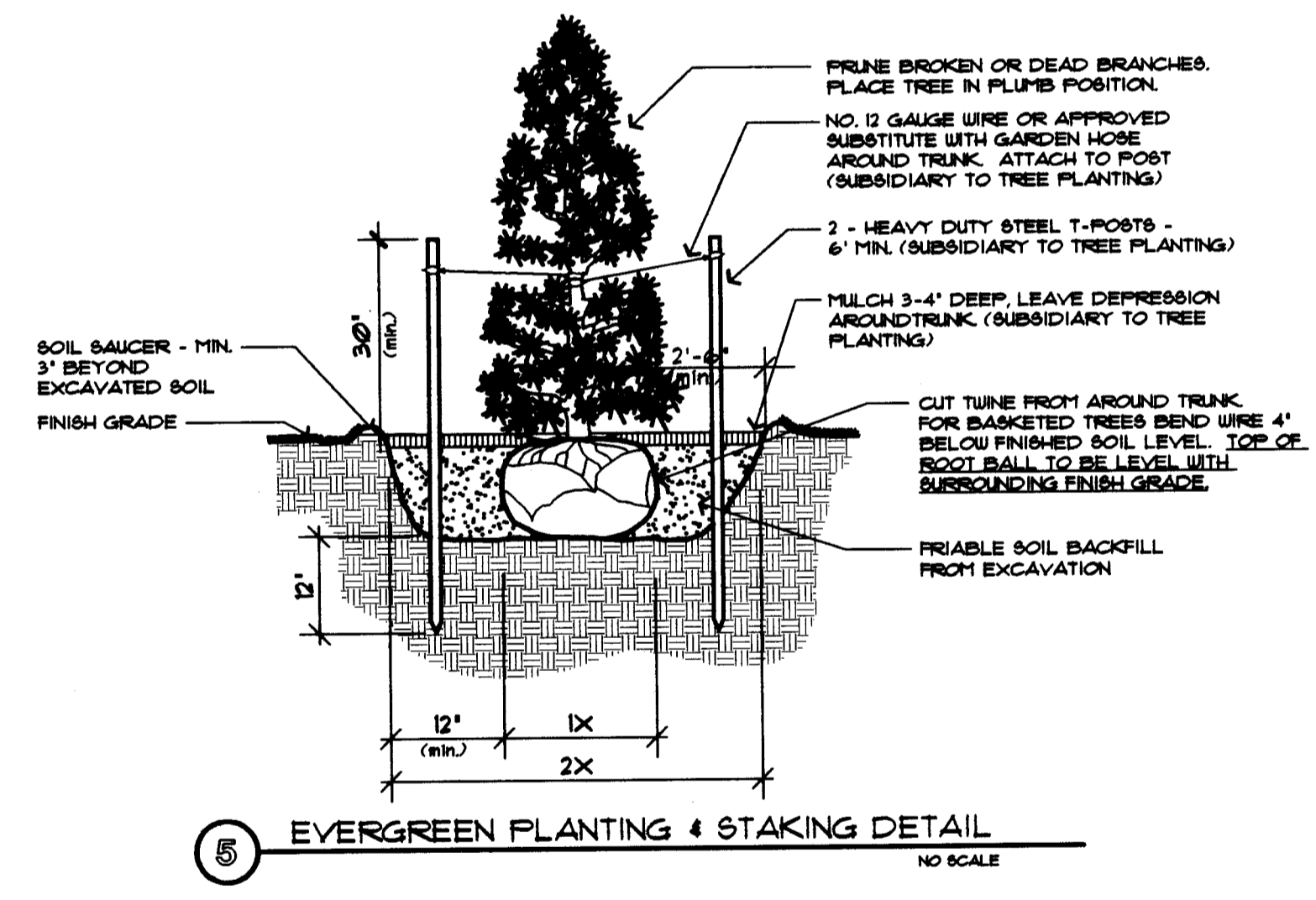


DESIGNED BY: SDW CHECKED BY: LMB
DRAWN BY: SDW DATE: 9-6-96 SHEET 1 OF 33



SUMMARY OF LANDSCAPE BID QUANTITIES

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
1	NORTHERN CATALPA	CATALPA SPECIOSA	2\"/>		
2	NORTHERN CATALPA	CATALPA SPECIOSA	6\"/>		
14	COMMON HACKBERRY	CELTIS OCCIDENTALIS	6\"/>		
1	COMMON HACKBERRY	CELTIS OCCIDENTALIS	6\"/>		
13	BLACK WALNUT	JUGLANS NIGRA	36\"/>		
45	ORANGE ORANGE 'UICHITA'	MAELURA POMPINERA VAR. 'UICHITA'	2\"/>		
2	COTONWOOD 'COTTONLESS'	POPULUS DELTOIDES VAR. 'COTTONLESS'	2\"/>		
45	COTONWOOD 'COTTONLESS'	POPULUS DELTOIDES VAR. 'COTTONLESS'	6\"/>		
42	BUR OAK	QUERCUS MACROCARPA	2\"/>		
15	LACEBARK ELM	ULMUS PARVIFOLIA	2\"/>		
13	HONEYLOCUST 'THORNLESS'	GLEDITSIA TRICANTHOS VAR. 'NERF18'	2\"/>		
2	HONEYLOCUST 'THORNLESS'	GLEDITSIA TRICANTHOS VAR. 'NERF18'	6\"/>		
15	KENTUCKY COFFEE TREE	GYMNOCLADUS DIOEGES	1 1/2\"/>		
14	PERNYKIN	DICOPYRUS VIRGINIANA	36\"/>		
13	BALD CYPRESS	TAXODIUM DISTICHUM	2\"/>		
14	LONDON PLANETREE	PLATANUS X ACERIFOLIA	2\"/>		
ORNAMENTAL TREE					
44	EASTERN REDBUD	CERCIS CANADENSIS	1 1/2\"/>		
22	EASTERN REDBUD	CERCIS CANADENSIS	6\"/>		
33	RUSSIAN OLIVE	ELEANUS ANGSTIFOLIA	1 1/2\"/>		
20	RUSSIAN OLIVE	ELEANUS ANGSTIFOLIA	6\"/>		
49	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	1 1/2\"/>		
10	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	6\"/>		
10	WASHINGTON HAWTHORN	CRATAEGUS PHAENOXYTRUM	1 1/2\"/>		
9	WASHINGTON HAWTHORN	CRATAEGUS PHAENOXYTRUM	6\"/>		
21	SARGENTS CRABAPPLE 'ROBELOW'	MALUS SARGENTII VAR. 'ROBELOW'	6\"/>		
11	CHINESE PISTACHE	PISTACIA CHINENSIS	1 1/2\"/>		
8	WESTERN SOAPBERRY	SAPINDUS DRUMMONDII	6\"/>		
3	WESTERN SOAPBERRY	SAPINDUS DRUMMONDII	6\"/>		
12	WHITE MULBERRY	MORUS ALBA	1 1/2\"/>		
9	WHITE MULBERRY	MORUS ALBA	6\"/>		
EVERGREEN TREE					
22	PINYON PINE	PINUS CEBROIDES	6\"/>		
11	PINYON PINE	PINUS CEBROIDES	4\"/>		
80	AUSTRIAN PINE	PINUS NIGRA	6\"/>		
53	AUSTRIAN PINE	PINUS NIGRA	4\"/>		
95	SCOTCH PINE	PINUS SYLVESTRIS	6\"/>		
28	SCOTCH PINE	PINUS SYLVESTRIS	4\"/>		
13	EASTERN REDCEDAR	JUNIPERUS VIRGINIANA	6\"/>		
9	EASTERN REDCEDAR	JUNIPERUS VIRGINIANA	4\"/>		
SHRUBS					
174	ROUGH LEAVED DOGWOOD	CORNUS DRUMMONDII	3/8 GAL/18\"/>		
242	BANDHILL PLUM	PRUNUS ANGUSTIFOLIA	3/8 GAL/18\"/>		
230	CHOCOE CHERRY	PRUNUS VIRGINIANA	3/8 GAL/18\"/>		
174	SHOOTH SUMAC	RAUS GLABRA	3/8 GAL/18\"/>		
202	MENTOR BARBERRY	BERBERIS MENTORNSIS	3/8 GAL/18\"/>		
150	FRAGRANT SUMAC	RAUS AROMATICA	3/8 GAL/18\"/>		
142	SHINING SUMAC	RAUS COPALLINA	3/8 GAL/18\"/>		
193	GOLDEN CURRANT	RIBES ODORATUM	3/8 GAL/18\"/>		
193	COMMON BUCKTHORN	RHAMNUS CATHARTICA	3/8 GAL/18\"/>		
171	AMERICAN OLIVE	ELAEAGNUS UMBELLATA	3/8 GAL/18\"/>		
146	AMERICAN OLIVE	ELAEAGNUS UMBELLATA	3/8 GAL/18\"/>		
EVERGREEN SHRUB					
80	CHINESE JUNIPER 'SEAGREEN'	JUNIPERUS CHINENSIS 'SEAGREEN'	3/8 GAL/18\"/>		
WILDFLOWERS					
39,400 SQFT.	SEED MIX 'A'	SEED AT A RATE OF 18lbs. PER ACRE			
58,500 SQFT.	SEED MIX 'B'	SEED AT A RATE OF 18lbs. PER ACRE			
1,020 SQFT.	MAXIMILIAN SUNFLOWER	SEED AT A RATE OF 18lbs. PER ACRE			



ADDITION ITEMS:

BID ITEMS	QTY.
METAL T POST STAKES 6\"/>	
CLEARING AND GRUBBING OF EXISTING PLANT MATERIAL AS NOTED ON PLAN	AS SHOWN ON DRAWINGS (LUMP SUM)
AMERICAN KESTREL BIRD HOUSES	5 UNITS (LUMP SUM)
13\"/>	

KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
DETAIL SHEET

PROJECT NO. #95068

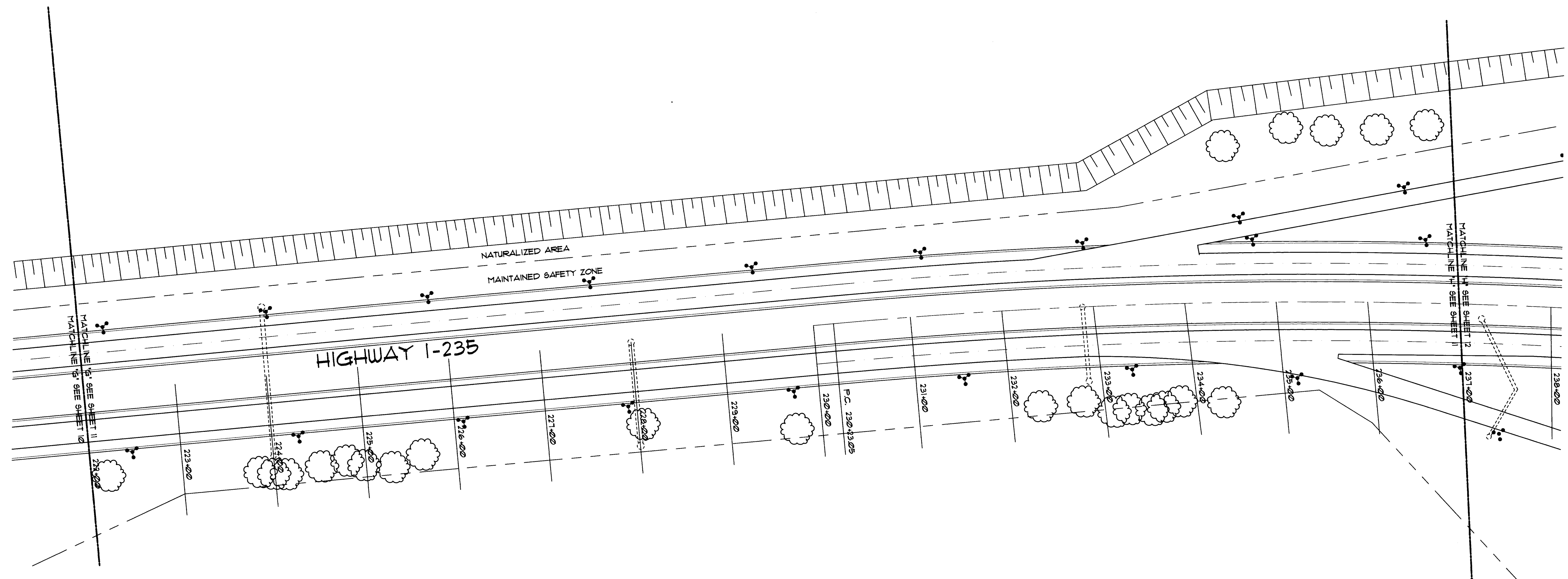
Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW
DRAWN BY: SDW

CHECKED BY: LMR
DATE: 9-6-96

SHEET 2 OF 33

FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	235-87 TE-0072-01 TEA I 235-1(180)	1997	11	33



LANDSCAPE PLAN

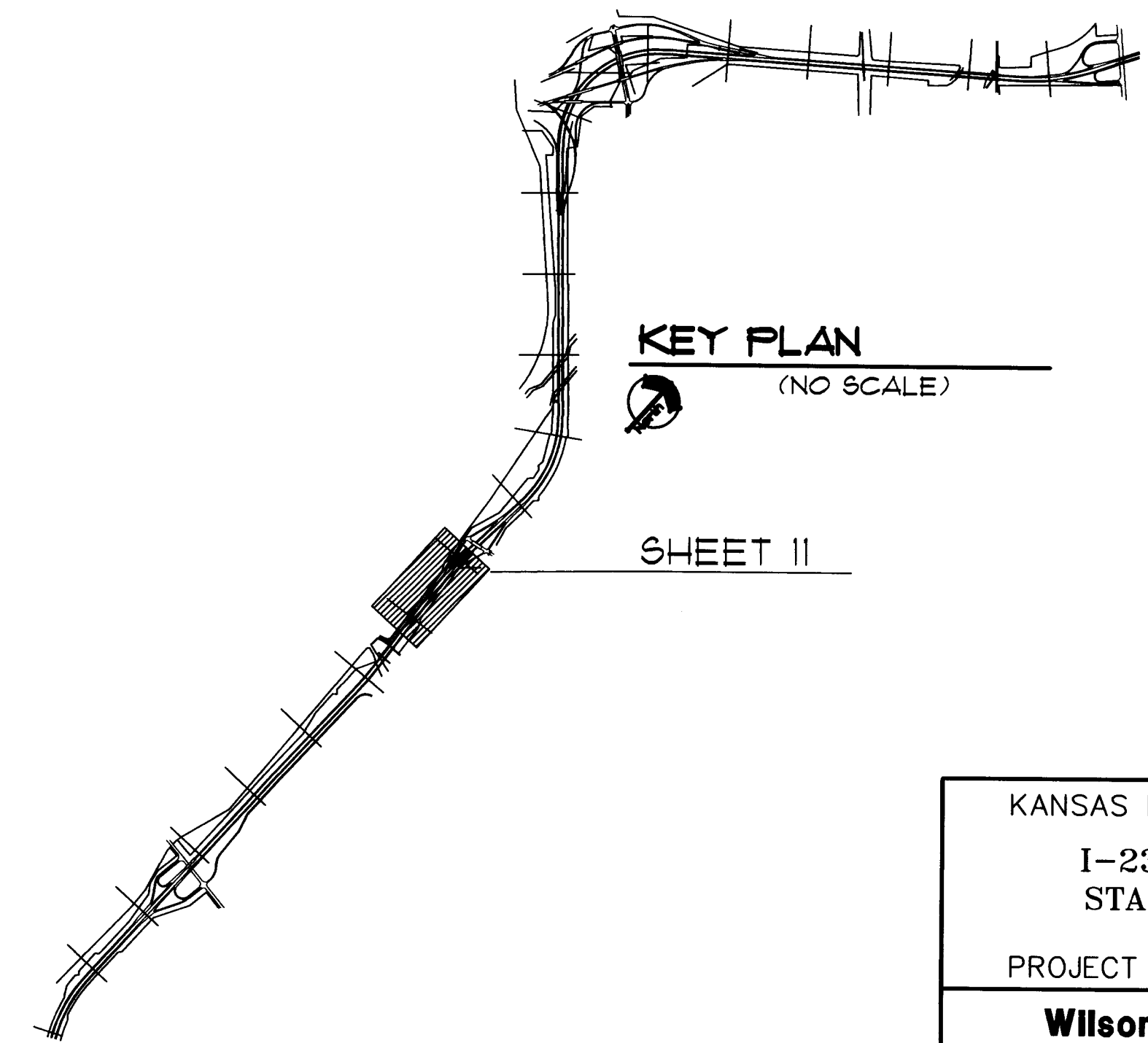
SCALE: 1" = 60'-0"

UTILITY OWNERS

KANSAS DEPARTMENT OF TRANSPORTATION (316)744-1271

GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- LIMITS OF NATURALIZED AREA
- LIMITS OF MULCH
- MATCHLINE
- EXISTING LIGHT POLE
- EXISTING DRAINAGE STRUCTURE

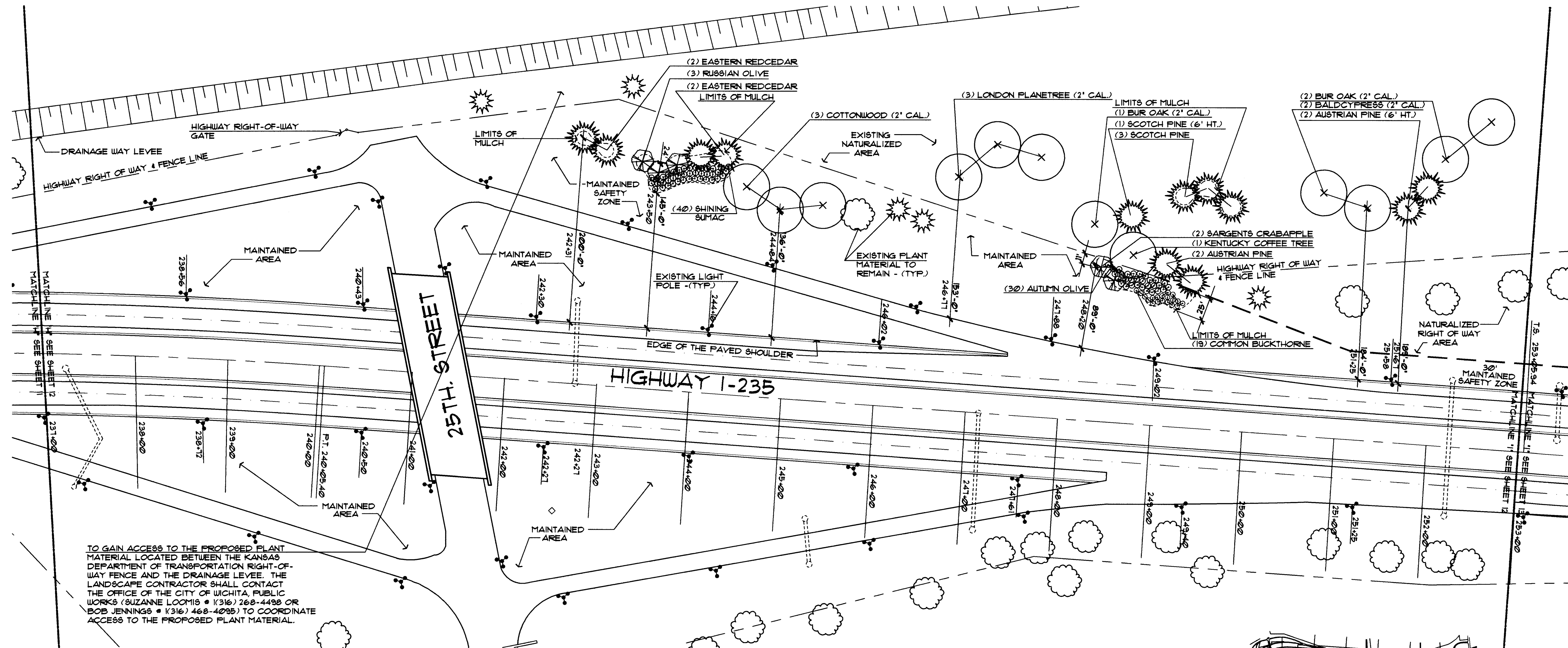


KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
 STA. 237+00 TO STA. 253+00

PROJECT NO. #95068

Wilson Darnell Mann
 architecture site planning interiors
 Wichita, Kansas

DESIGNED BY: SDW	CHECKED BY: LMB
DRAWN BY: SDW	DATE: 9-6-96 SHEET 11 OF 33



TO GAIN ACCESS TO THE PROPOSED PLANT MATERIAL LOCATED BETWEEN THE KANSAS DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY FENCE AND THE DRAINAGE LEVEE, THE LANDSCAPE CONTRACTOR SHALL CONTACT THE OFFICE OF THE CITY OF WICHITA, PUBLIC WORKS (SUZANNE LOOMIS • (316) 268-4498 OR BOB JENNINGS • (316) 468-4035) TO COORDINATE ACCESS TO THE PROPOSED PLANT MATERIAL.

LANDSCAPE PLAN

SCALE: 1" = 60'-0"

PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
3	COTTONWOOD	POPULUS DELTOIDES	2" CAL.	B 4 B	4' BRANCH HT.
3	BUR OAK	QUERCUS MACROCARPA	2" CAL.	B 4 B	3' BRANCH HT.
2	BALDCYPRESS	TAXODIUM DISTICHUM	2" CAL.	B 4 B	
1	KENTUCKY COFFEE TREE	GYMNOCLADUS DIOECUS	1 1/2" CAL.	B 4 B	
3	LONDON PLANETREE	PLATANUS X ACERIFOLIA	2" CAL.	B 4 B	
ORNAMENTAL TREE					
3	RUSSIAN OLIVE	ELEAGNUS ANGUSTIFOLIA	6' HT.	B 4 B	
2	SARGENT'S CRABAPPLE "ROSEGLAU"	MALUS SARGENTII "ROSEGLAU"	5' HT.	B 4 B	
EVERGREEN TREE					
2	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B 4 B	REMOVE LOWEST WHORL
2	AUSTRIAN PINE	PINUS NIGRA	4' HT.	B 4 B	
1	SCOTCH PINE	PINUS SYLVESTRIS	6' HT.	B 4 B	REMOVE LOWEST WHORL
3	SCOTCH PINE	PINUS SYLVESTRIS	4' HT.	B 4 B	
4	EASTERN REDBUD	JUNIFERUS VIRGINIANA	4' HT.	B 4 B	
SHRUBS					
19	COMMON BUCKTHORNE	RHAMNUS CARHARTICA	3/5 GAL./30" HT.	CONT.	5' O.C. SPACING
30	AUTUMN OLIVE	ELAEGNUS UMBELLATA	3/5 GAL./30" HT.	CONT.	5' O.C. SPACING

NOTE:

ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING EDGE OF THE PAVED SHOULDER, PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSION ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.

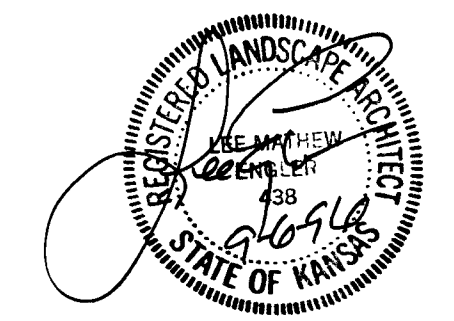
GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- - - LIMITS OF NATURALIZED AREA
- LIMITS OF MULCH
- MATCHLINE
- ⊙ EXISTING LIGHT POLE
- EXISTING DRAINAGE STRUCTURE

KEY PLAN

(NO SCALE)

SHEET 12



KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 237+00 TO STA. 253+00

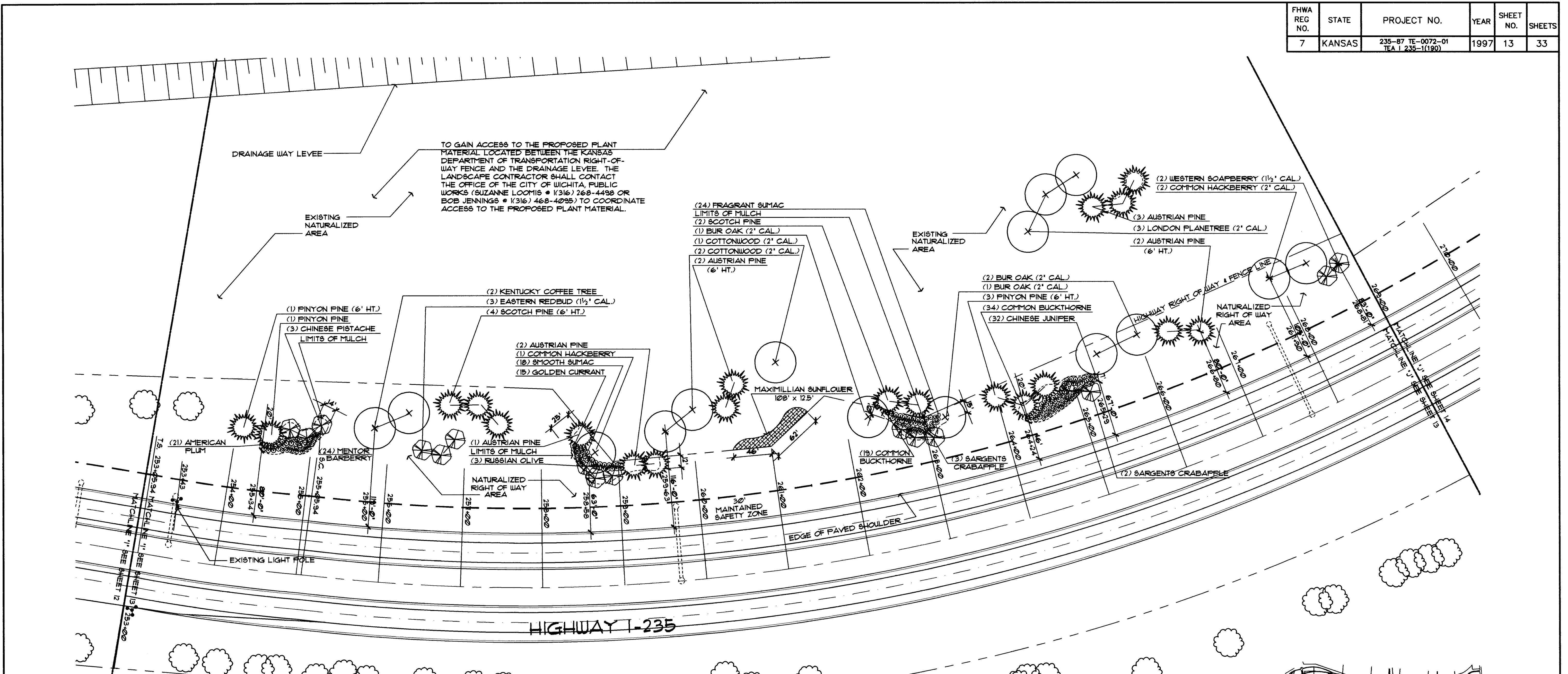
PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LME
DRAWN BY: SDW DATE: 9-6-96 SHEET 12 OF 33

UTILITY OWNERS
KANSAS DEPARTMENT OF TRANSPORTATION (316) 744-1271

F:\95068\FINISHED\5068LS8



PLANT MATERIAL SCHEDULE

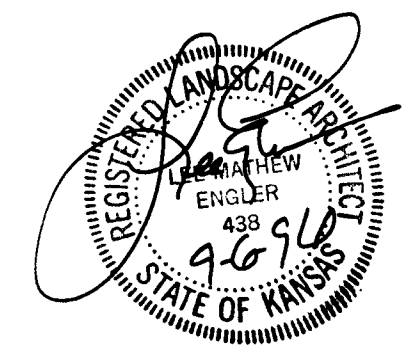
QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.	REMARKS
SHADE TREE					
3	LONDON PLANETREE	PLATANUS X ACERIFOLIA	2' CAL.	B 4 B	
2	COMMON HACKBERRY	CELTIS OCCIDENTALIS	2' CAL.	B 4 B	4' BRANCH HT.
1	COMMON HACKBERRY	CELTIS OCCIDENTALIS	6' HT.	B 4 B	
3	COTTONWOOD	POPULUS DELTOIDES	2' CAL.	B 4 B	4' BRANCH HT.
4	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B 4 B	
2	KENTUCKY COFFEE TREE	GYNOCALADUS DIOECUS	1 1/2' CAL.	B 4 B	4' BRANCH HT.
ORNAMENTAL TREE					
3	EASTERN REDBUD	CERCIS CANADENSIS	1 1/2' CAL.	B 4 B	
3	RUSSIAN OLIVE	ELEANANUS ANGUSTIFOLIA	6' HT.	B 4 B	
5	SARGENT'S CRABAPPLE	MALUS SARGENTII	5' HT.	B 4 B	
6	'ROSEGLOW'	'ROSEGLOW'		B 4 B	
6	CHINESE PISTACHE	PISTACIA CHINENSIS	6' HT.	B 4 B	
2	WESTERN SOAPBERRY	SAPINDUS DRUMMONDII	1 1/2' CAL.	B 4 B	
EVERGREEN TREE					
4	PINYON PINE	PINUS CEMEROIDES	6' HT.	B 4 B	
1	PINYON PINE	PINUS CEMEROIDES	4' HT.	B 4 B	
4	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B 4 B	REMOVE LOWEST WHORL
6	AUSTRIAN PINE	PINUS NIGRA	4' HT.	B 4 B	
4	SCOTCH PINE	PINUS SYLVESTRIS	6' HT.	B 4 B	REMOVE LOWEST WHORL
2	SCOTCH PINE	PINUS SYLVESTRIS	4' HT.	B 4 B	
SHRUBS					
18	SMOOTH SUMAC	RHUS GLABRA	3/8 GAL/ 18' HT.	CONT.	5' O.C. SPACING
24	MENTOR BARBERRY	BERBERIS MENTORENSIS	3/8 GAL/ 18' HT.	CONT.	5' O.C. SPACING
24	FRAGRANT SUMAC	RHUS AROMATICA	3/8 GAL/ 18' HT.	CONT.	5' O.C. SPACING
15	GOLDEN CURRANT	RIEBS ODORATUM WENDLAND F.	3/8 GAL/ 18' HT.	CONT.	5' O.C. SPACING
53	COMMON BUCKTHORNE		3/8 GAL/ 18' HT.	CONT.	5' O.C. SPACING
EVERGREEN SHRUBS					
32	CHINESE JUNIPER 'SEAGREEN'	RHAMNUS CATHARTICA JUNIPERUS CHINENSIS 'SEAGREEN'	3/8 GAL/ 18' SPR.	CONT.	5' O.C. SPACING
WILDFLOWER					
1320 SOL. FT.	MAXIMILIAN SUNFLOWER	HELIANTHUS MAXIMILIANI	10lbs. PER ACRE		

LANDSCAPE PLAN
SCALE: 1" = 60'-0"

- UTILITY OWNERS**
KANSAS DEPARTMENT OF TRANSPORTATION (316)144-1211
- NOTE:**
ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING EDGE OF THE PAVED SHOULDER, PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSION ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.
- GENERAL LEGEND**
- HIGHWAY RIGHT OF WAY & FENCE LINE
 - - - LIMITS OF NATURALIZED AREA
 - - - LIMITS OF MULCH
 - - - MATCHLINE
 - ⊙ EXISTING LIGHT POLE
 - ⊗ MAXIMILLIAN SUNFLOWERS
 - ⊖ EXISTING DRAINAGE STRUCTURE

KEY PLAN
(NO SCALE)

SHEET 13



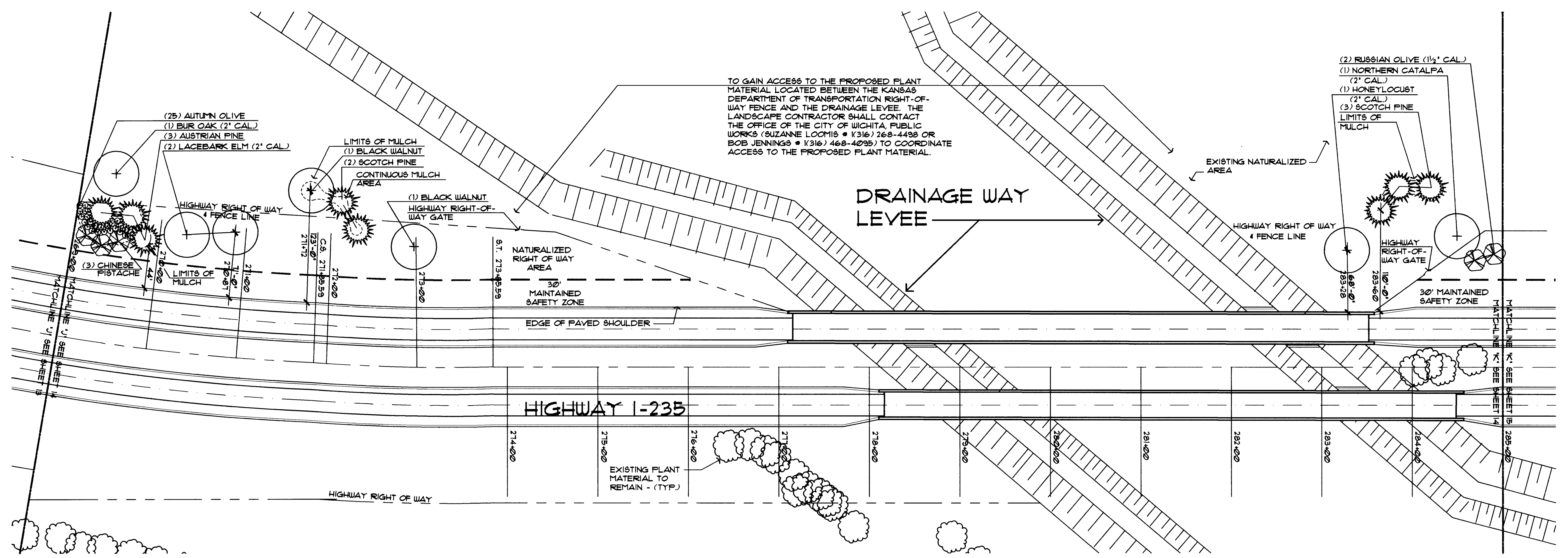
KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 253+00 TO STA. 269+00
PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LME
DRAWN BY: SDW DATE: 9-6-96 SHEET 13 OF 33

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FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	235-87 TE-0072-01 TEA 1 235-1(190)	1997	14	33



PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
1	NORTHERN CATALPA	CATALPA SPECIOSA	2' CAL.	B 4 B	4' BRANCH HT.
1	BLACK WALNUT	JUGLANS NIGRA	30"-36" HT.	B 4 B	
1	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B 4 B	
2	LACEBARK ELM	ULMUS PARVIFOLIA	2' CAL.	B 4 B	
1	HONEYLOCUST 'THORNLESS'	GLEDITSIA TRIACANTHOS VAR. INERMIS	2' CAL.	B 4 B	4' BRANCH HT.
ORNAMENTAL TREE					
2	RUSSIAN OLIVE	ELEAGNUS ANGUSTIFOLIA	1 1/2' CAL.	B 4 B	
3	CHINESE PISTACHE	PISTACIA CHINENSIS	6' HT.	B 4 B	
EVERGREEN TREE					
3	AUSTRIAN PINE	FINUS NIGRA	4' HT.	B 4 B	
5	SCOTCH PINE	FINUS SYLVESTRIS	4' HT.	B 4 B	
SHRUBS					
25	AUTUMN OLIVE	ELEAGNUS UMBELLATA	3/5 GAL./18" HT.	CONT.	5' O.C. SPACING

NOTE:

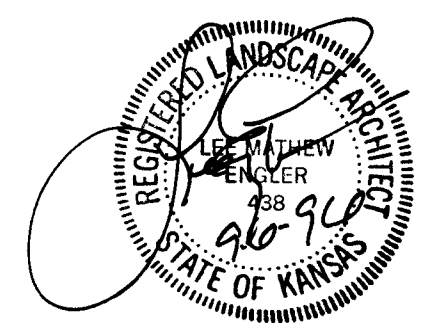
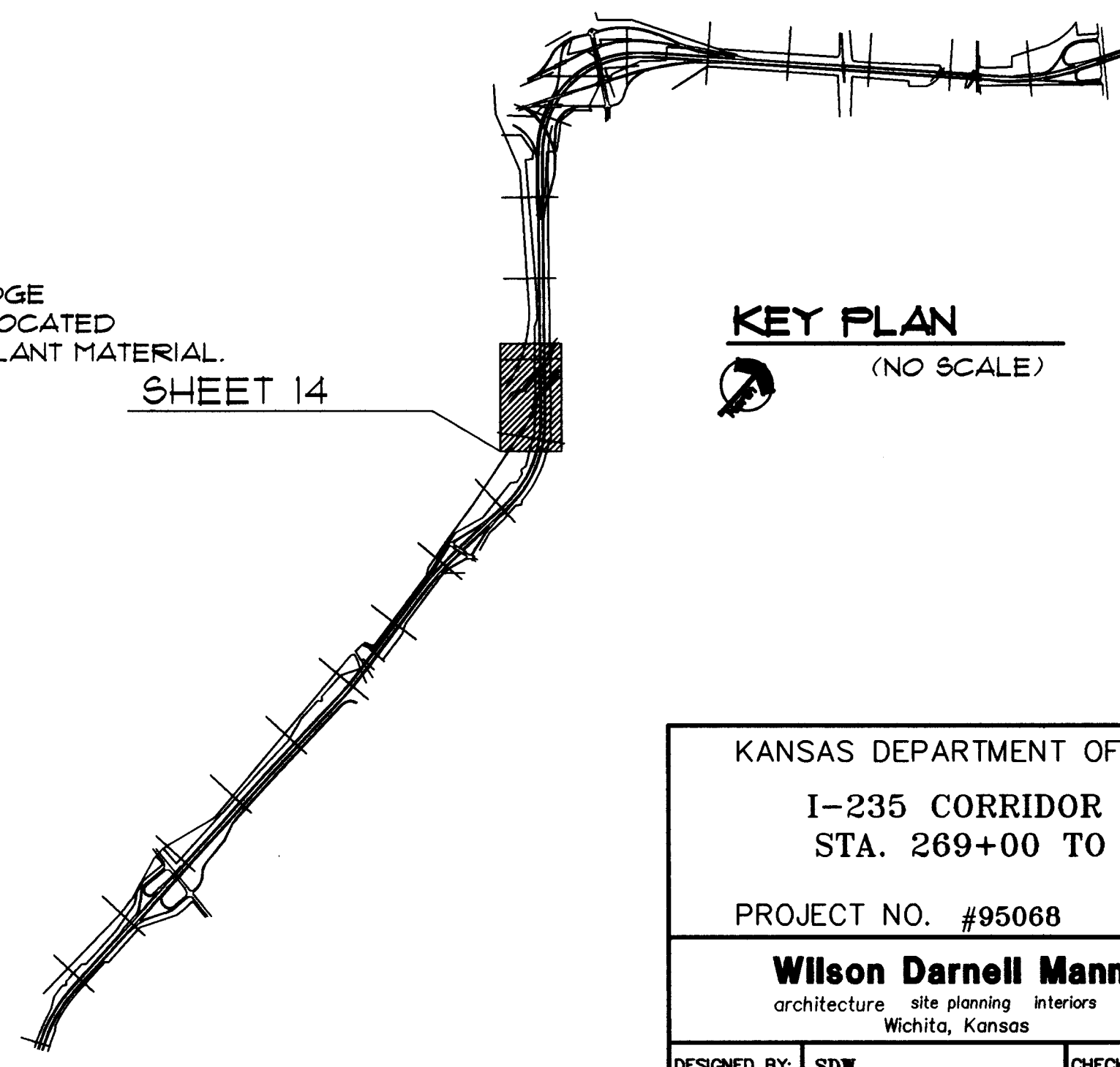
ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING EDGE OF THE PAVED SHOULDER, PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSION ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.

GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- LIMITS OF NATURALIZED AREA
- LIMITS OF MULCH
- MATCHLINE

SHEET 14

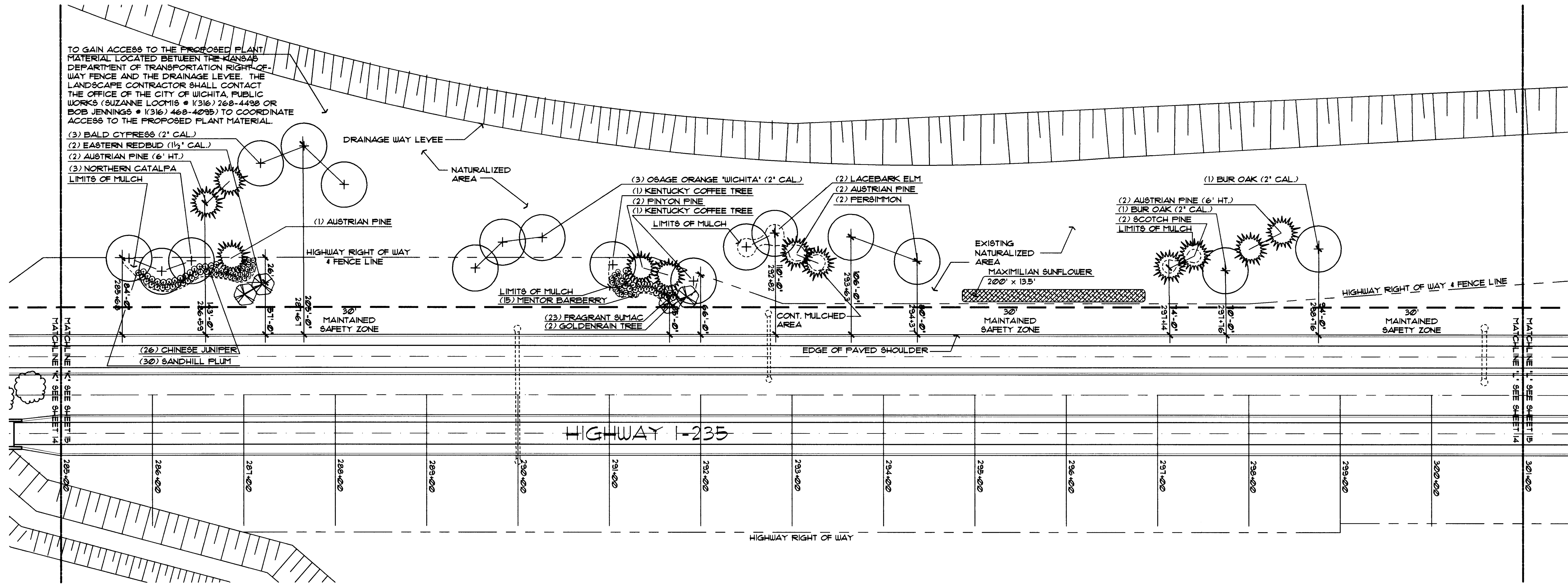
KEY PLAN
(NO SCALE)



KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 269+00 TO STA. 285+00
PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LME
DRAWN BY: SDW DATE: 9-6-96 SHEET 14 OF 33



LANDSCAPE PLAN
SCALE: 1" = 60'-0"

PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
2	NORTHERN CATALPA	CATALPA SPECIOSA	6' HT.	B # B	4' BRANCH HT.
3	OSAGE ORANGE 'WICHITA'	MAQUILA POMIFERA VAR. INERMIS	2' CAL.	B # B	
2	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B # B	
2	LACEBARK ELM	ULMUS PARVIFOLIA	2' CAL.	B # B	
2	KENTUCKY COFFEE TREE	GYMNOCLADUS DIOECUS	1 1/2' CAL.	B # B	
2	PERSIMMON	DIOSPYROS VIRGINIANA	30'-36" HT.	B # B	
3	BALDCYPRESS	TAXODIUM DISTICHUM	2' CAL.	B # B	
ORNAMENTAL TREE					
2	EASTERN REDBUD	CERCIS CANADENSIS	1 1/2' CAL.	B # B	
2	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	6' HT.	B # B	
EVERGREEN TREE					
2	PINYON PINE	PINUS CEMBROIDES	4' HT.	B # B	
8	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B # B	REMOVE LOWEST WHORL
3	AUSTRIAN PINE	PINUS NIGRA	4' HT.	B # B	
2	SCOTCH PINE	PINUS SYLVESTRIS	4' HT.	B # B	
SHRUBS					
30	SANDHILL PLUM	PRUNUS ANGUSTIFOLIA	3/5 GAL/18" HT.	CONT.	5' O.C. SPACING
15	MENTOR BARBERRY	BERBERIS MENTORENSIS	3/5 GAL/18" HT.	CONT.	5' O.C. SPACING
23	FRAGRANT SUMAC	RHUS AROMATICA	3/5 GAL/18" HT.	CONT.	5' O.C. SPACING
EVERGREEN SHRUBS					
26	CHINESE JUNIPER 'SEAGREEN'	JUNIPERUS CHINENSIS 'SEAGREEN'	3/5 GAL/18" SPR.	CONT.	5' O.C. SPACING
WILDFLOWERS					
2100 SCLFT.	MAXIMILIAN SUNFLOWER	HELIANTHUS MAXIMILIANI	10lbs. PER ACRE		

NOTE:

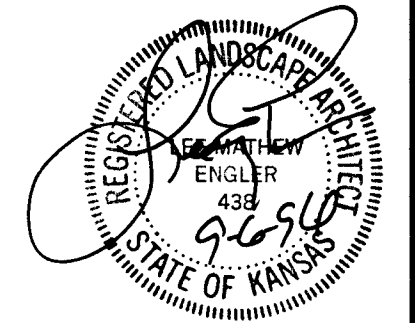
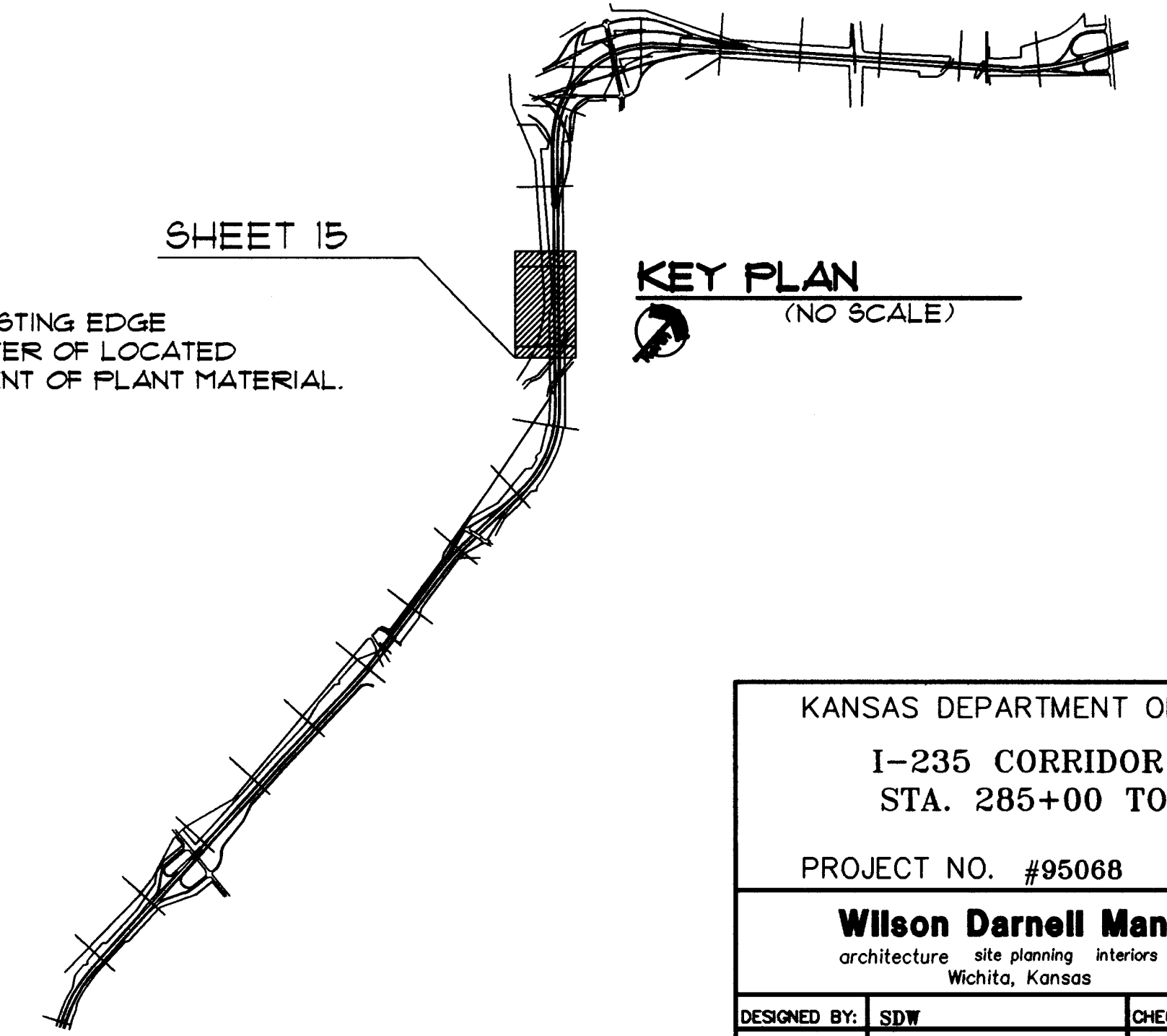
ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING EDGE OF THE PAVED SHOULDER, PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSION ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.

GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- - - LIMITS OF NATURALIZED AREA
- - - LIMITS OF MULCH
- MATCHLINE
- EXISTING DRAINAGE STRUCTURE
- MAXIMILIAN SUNFLOWERS

SHEET 15

KEY PLAN
(NO SCALE)

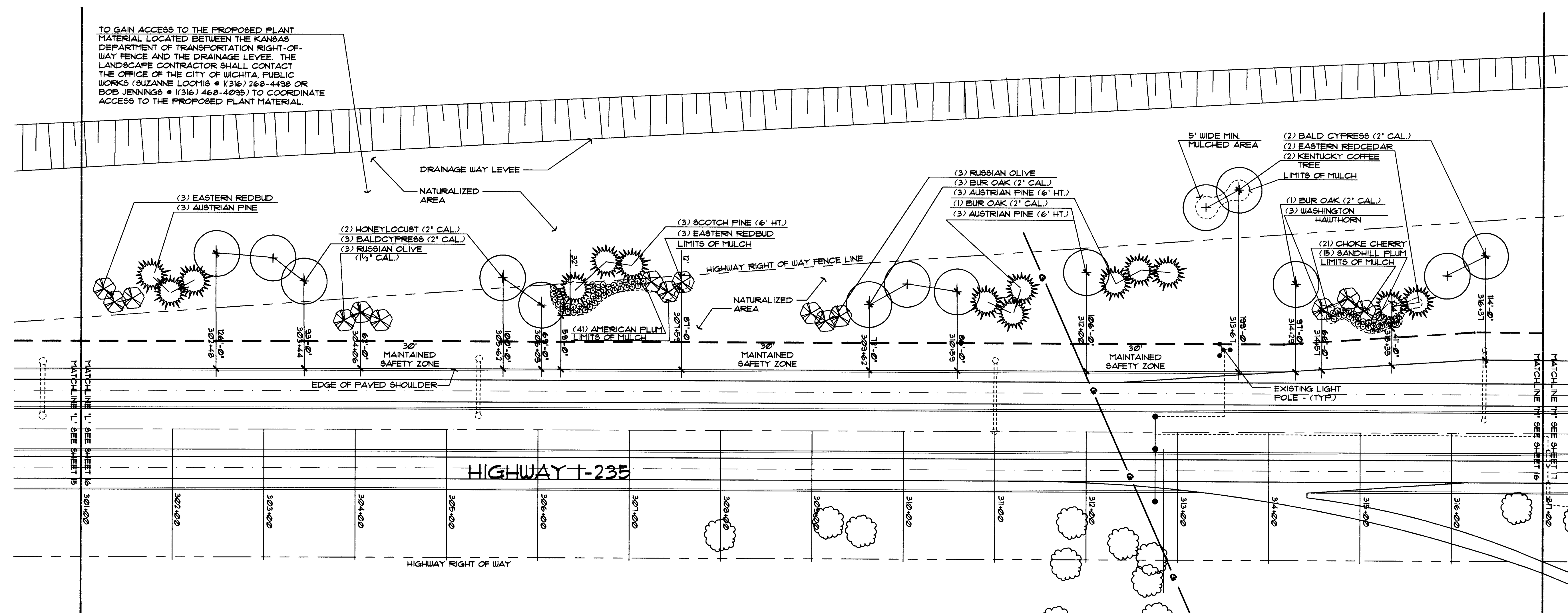


KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 285+00 TO STA. 301+00
PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: TME
DRAWN BY: SDW DATE: 9-6-96 SHEET 15 OF 33

F:\95068\FINISHED\5068LS12



LANDSCAPE PLAN

SCALE: 1" = 60'-0"

PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
5	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B 4 B	
2	HONEYLOCUST 'THORNLESS'	GLADISTIA TRIACANTHOS VAR. INERMIS	2' CAL.	B 4 B	4' BRANCH HT.
2	BALDCYPRESS	TAXODIUM DISTICHUM	2' CAL.	B 4 B	3' BRANCH HT.
2	KENTUCKY COFFEE TREE	GYMNOCLADUS DIOECUS	1½' CAL.	B 4 B	
ORNAMENTAL TREE					
8	EASTERN REDBUD	CERCIS CANADENSIS	6' HT.	B 4 B	
6	RUSSIAN OLIVE	ELEANAGNUS ANGUSTIFOLIA	1½' CAL.	B 4 B	
3	WASHINGTON HAWTHORN	CRATAEGUS PHAENOPYRUM	6' HT.	B 4 B	
EVERGREEN TREE					
3	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B 4 B	REMOVE LOWEST BRANCH
3	SCOTCH PINE	PINUS STYLVESTRI	6' HT.	B 4 B	REMOVE LOWEST BRANCH
SHRUBS					
15	SANDHILL PLUM	PRUNUS ANGUSTIFOLIA	3/5 GAL./18" HT.	CONT.	5' O.C. SPACING
21	CHOKE CHERRY	PRUNUS VIRGINIANA	3/5 GAL./18" HT.	CONT.	5' O.C. SPACING
41	AMERICAN PLUM	PRUNUS AMERICANA	3/5 GAL./18" HT.	CONT.	5' O.C. SPACING

NOTE:

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GENERAL LEGEND

- — — — — HIGHWAY RIGHT OF WAY & FENCE LINE
- - - - - LIMITS OF NATURALIZED AREA
- · · · · LIMITS OF MULCH
- - - - - MATCHLINE
- ⊙ EXISTING LIGHT POLE
- ⊕ EXISTING DRAINAGE STRUCTURE
- G-G- PEOPLES NATURAL GAS

SHEET 16

KEY PLAN

(NO SCALE)

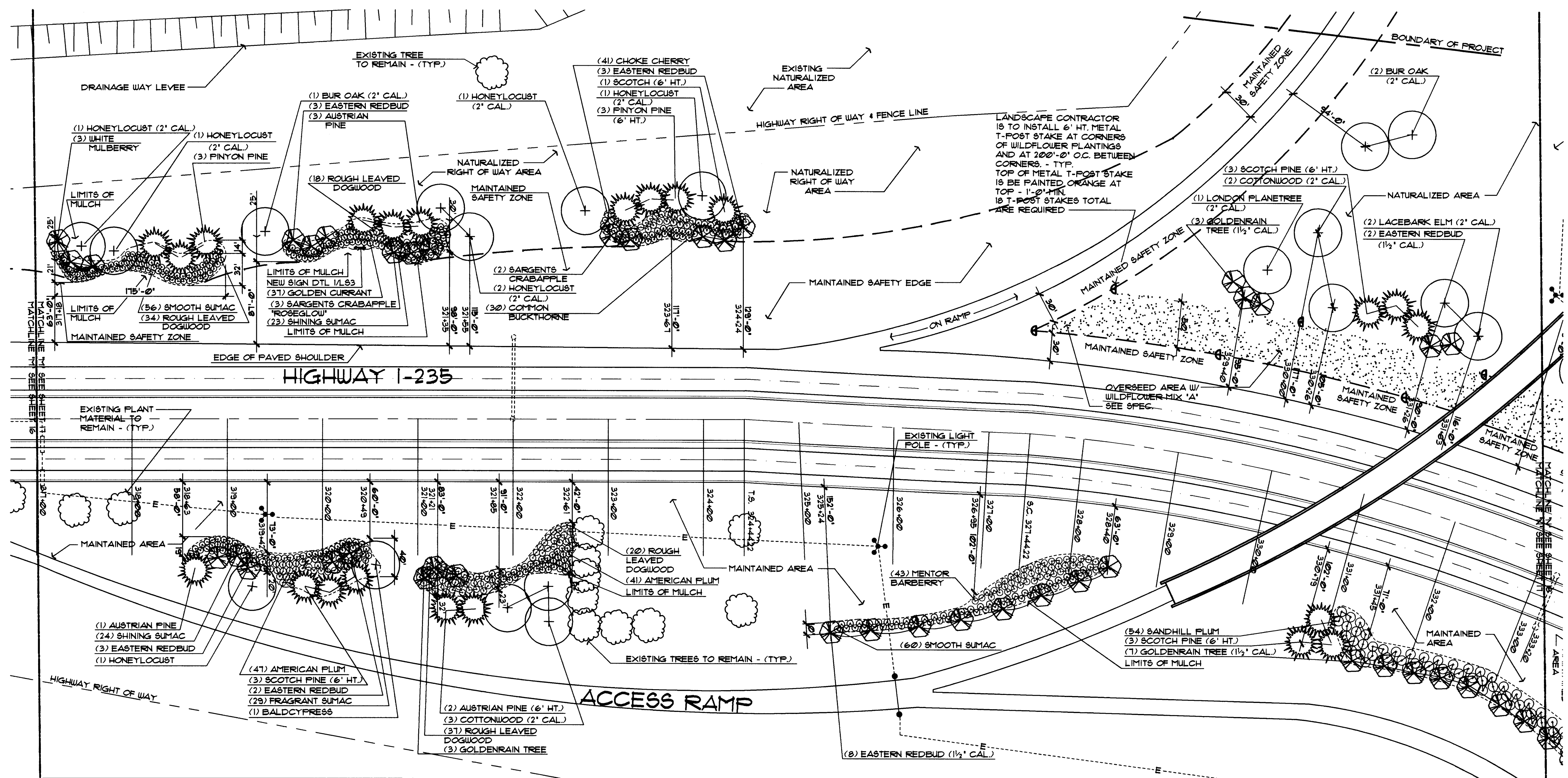
UTILITY OWNERS

PEOPLES NATURAL GAS CO. (316) 346-0096
KANSAS DEPARTMENT OF TRANSPORTATION (316) 744-1271

KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 301+00 TO STA. 317+00
PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW
CHECKED BY: LME
DRAWN BY: SDW
DATE: 9-6-96
SHEET 16 OF 33



QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
5	COTTONWOOD 'COTTONLESS'	POPULUS DELTOIDES 'COTTONLESS'	2' CAL.	B 4 B	
3	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B 4 B	
2	LACEBARK ELM	ULMUS PARVIFOLIA	2' CAL.	B 4 B	
6	HONEYLOCUST 'THORNLESS'	GLEDTISIA TRIACANTHOS VAR. INERMIS	2' CAL.	B 4 B	4' BRANCH HT.
1	HONEYLOCUST 'THORNLESS'	GLEDTISIA TRIACANTHOS VAR. INERMIS	6' HT.	B 4 B	
1	LONDON PLANETREE	PLATANUS X ACERIFOLIA	2' CAL.	B 4 B	
1	BALD CYPRESS	TAXODIUM DISTICHUM	6' HT.	B 4 B	3' BRANCH HT.
ORNAMENTAL TREE					
10	EASTERN REDBUD	CERCIS CANADENSIS	1 1/2' CAL.	B 4 B	
11	EASTERN REDBUD	CERCIS CANADENSIS	6' HT.	B 4 B	
3	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	1 1/2' CAL.	B 4 B	
3	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	6' HT.	B 4 B	
3	WHITE MULBERRY	MORUS ALBA	6' HT.	B 4 B	
5	SARGENTS CRABAPPLE 'ROSEGLOW'	MALUS SARGENTII 'ROSEGLOW'	5' HT.	B 4 B	
EVERGREEN TREE					
3	PINYON PINE	PINUS CEMBOIDES	6' HT.	B 4 B	
3	PINYON PINE	PINUS CEMBOIDES	4' HT.	B 4 B	REMOVE LOWEST WORK
2	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B 4 B	
4	AUSTRIAN PINE	PINUS NIGRA	4' HT.	B 4 B	
10	SCOTCH PINE	PINUS SYLVESTRIS	6' HT.	B 4 B	REMOVE LOWEST WORK
SHRUBS					
32	ROUGH LEAVED DOGWOOD	CORNUS DRUMMONDI	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
88	AMERICAN PLUM	PRUNUS AMERICANA	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
54	SANDHILL PLUM	PRUNUS ANGUSTIFOLIA	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
41	CHOKE CHERRY	PRUNUS VIRGINIANA	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
116	SMOOTH SUMAC	RHUS GLABRA	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
23	FRAGRANT SUMAC	RHUS AROMATICA	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
47	SHINING SUMAC	RHUS COPALLINA	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
37	GOLDEN CURRANT	RIBES COPRATUM	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
30	COMMON BUCKTHORNE	RHAPHANUS GARTHARTIA	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
43	MENTOR BARBERRY	BERBERIS MENTORENSIS	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
WILDFLOWER					
26,600 SQ.FT.	SEED MIX 'A'	SEE SHEET L02 FOR SEED MIX RATIO	SEED AT A RATE OF 18 PLS LBS PER ACRE		

UTILITY OWNERS

KANSAS DEPARTMENT OF TRANSPORTATION (316)744-1271

NOTE:

ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING EDGE OF THE PAVED SHOULDER, PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSION ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.

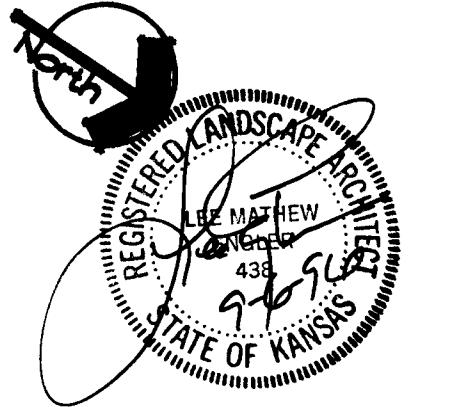
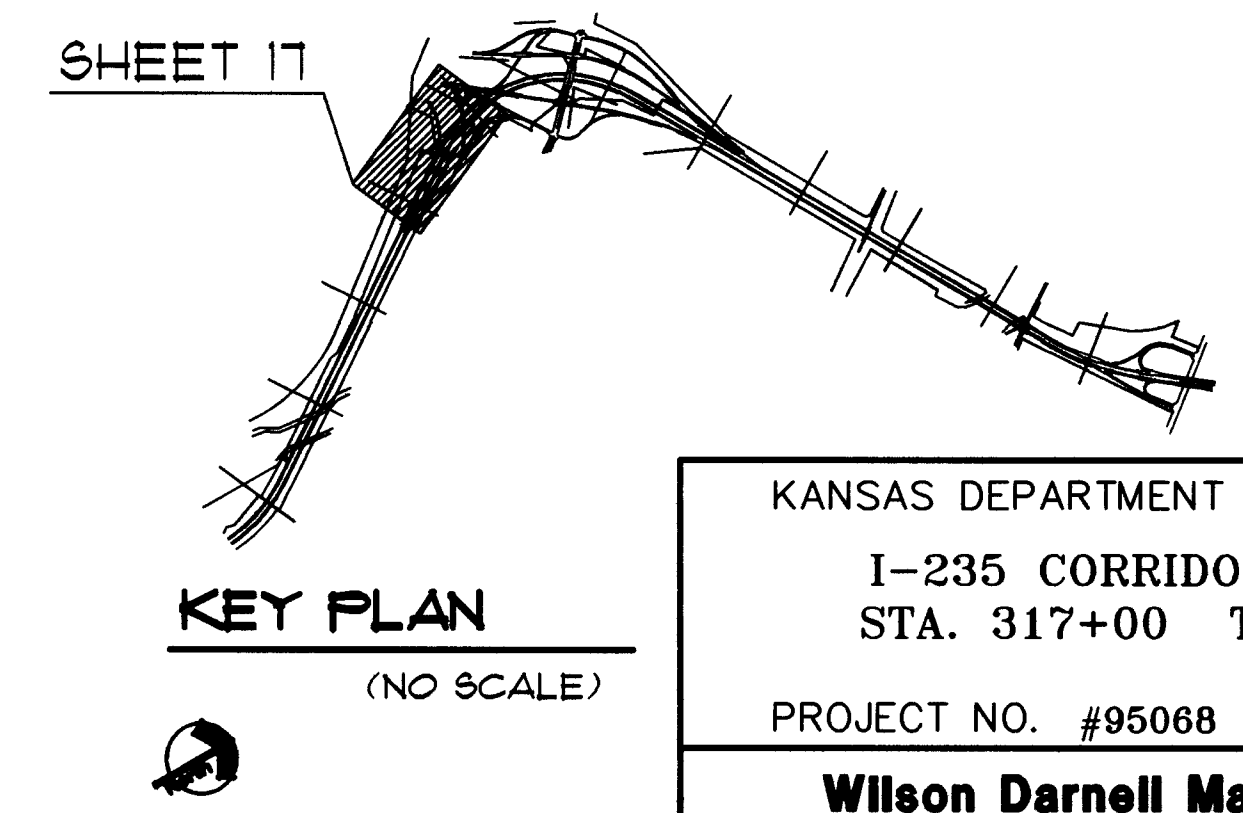
GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- - - LIMITS OF NATURALIZED AREA
- - - LIMITS OF MULCH
- - - MATCHLINE
- EXISTING LIGHT POLE
- WILDFLOWER AREA
- Ⓧ PAINTED 'T' POST WILDFLOWER AREA MARKER
- NEW SIGN
- EXISTING DRAINAGE STRUCTURE

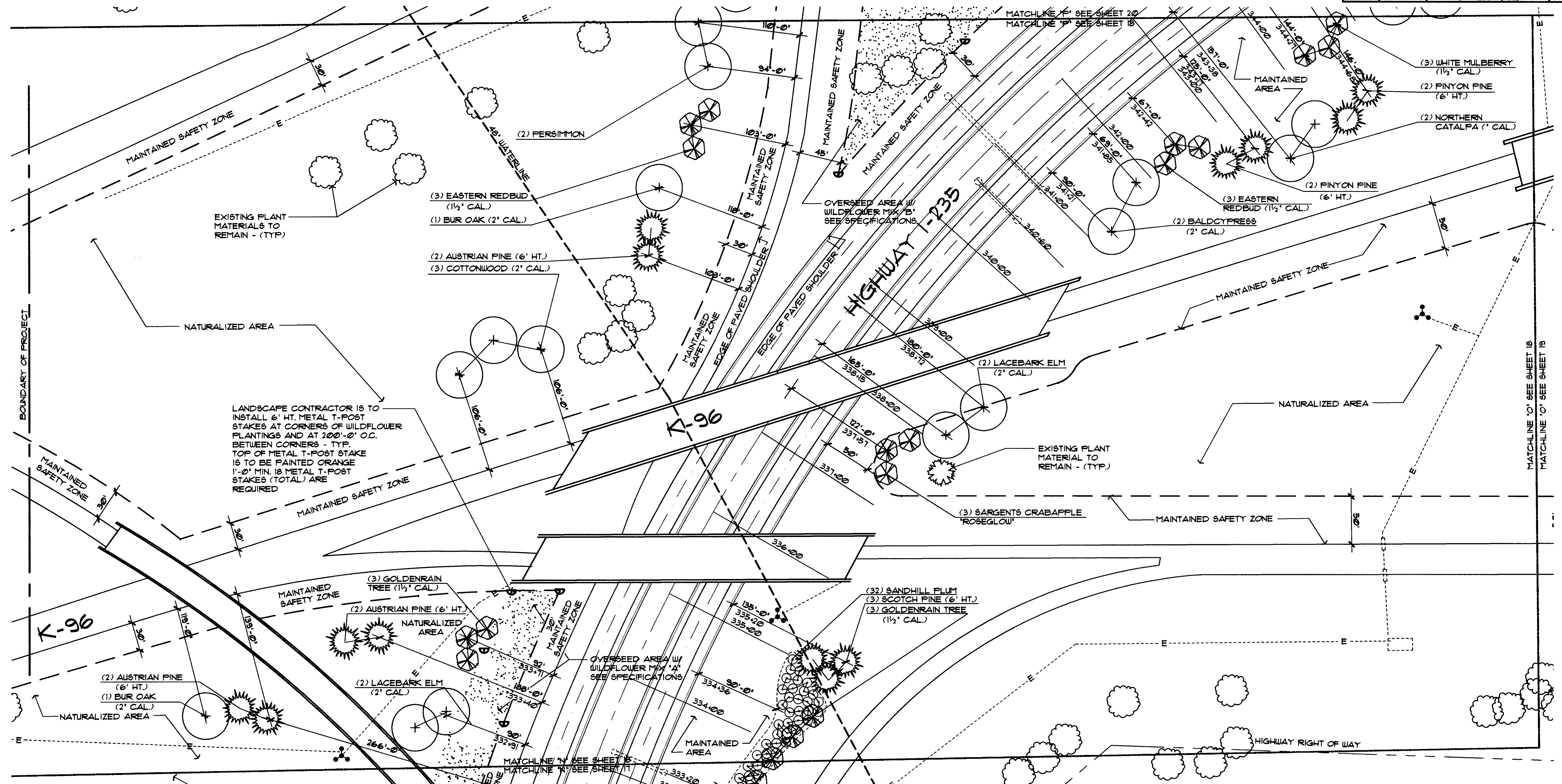
LANDSCAPE PLAN

SCALE: 1" = 60'-0"

SHEET 17



KANSAS DEPARTMENT OF TRANSPORTATION
 I-235 CORRIDOR LANDSCAPING
 STA. 317+00 TO STA. 333+00
 PROJECT NO. #95068
Wilson Darnell Mann
 architecture site planning interiors
 Wichita, Kansas
 DESIGNED BY: SDW CHECKED BY: LME
 DRAWN BY: SDW DATE: 9-6-96 SHEET 17 OF 33



PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
2	NORTHERN CATALPA	CATALPA SPECIOSA	2" CAL.	B 4 B	4' BRANCH HT.
3	COTTONWOOD	POPULUS DELTOIDES	2" CAL.	B 4 B	4' BRANCH HT.
2	BUR OAK	QUERCUS MACROCARPA	2" CAL.	B 4 B	
4	LACEBARK ELM	ULMUS PARVIFOLIA	2" CAL.	B 4 B	
2	PERSIMMON	DIOSPYROS VIRGINIANA	30"-36" HT.	B 4 B	
2	BALDCYPRESS	TAXODIUM DISTICHUM	2" CAL.	B 4 B	3' BRANCH HT.
ORNAMENTAL TREE					
6	EASTERN REDBUD	CERCIS CANADENSIS	1 1/2" CAL.	B 4 B	
6	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	1 1/2" CAL.	B 4 B	
3	WHITE MULBERRY	MORUS ALBA	1 1/2" CAL.	B 4 B	
3	SARGENT'S CRABAPPLE 'ROSEGLAW'	MALUS SARGENTII 'ROSEGLAW'	5' HT.	B 4 B	
EVERGREEN TREE					
4	PINYON PINE	PINUS CEMBROIDES	6' HT.	B 4 B	REMOVE LOWEST WHORL
6	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B 4 B	REMOVE LOWEST WHORL
3	SCOTCH PINE	PINUS STYVESTRIS	6' HT.	B 4 B	REMOVE LOWEST WHORL
SHRUBS					
32	SANDHILL PLUM	PRUNUS ANGUSTIFOLIA	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
WILDFLOWERS					
12,000 SQFT.	WILDFLOWER MIX 'A'	SEE SHEET L32 FOR SEED MIX RATIO	SEED AT A RATE OF 18 PLS LB9 PER ACER		
10,500 SQFT.	WILDFLOWER MIX 'B'	SEE SHEET L32 FOR SEED MIX RATIO	SEED AT A RATE OF 18 PLS LB9 PER ACER		

UTILITY OWNERS
 KANSAS DEPARTMENT OF TRANSPORTATION (316) 744-1271
 CITY OF WICHITA WATER AND SEWER DEPARTMENT (316) 286-4928

NOTE:

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GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- LIMITS OF NATURALIZED AREA
- LIMITS OF MULCH
- MATCHLINE
- EXISTING LIGHT POLE
- WILDFLOWER AREA
- PAINTED 'T' POST WILDFLOWER AREA MARKER
- EXISTING DRAINAGE STRUCTURE

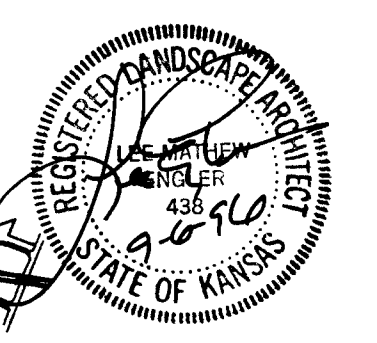
KEY PLAN

(NO SCALE)

LANDSCAPE PLAN

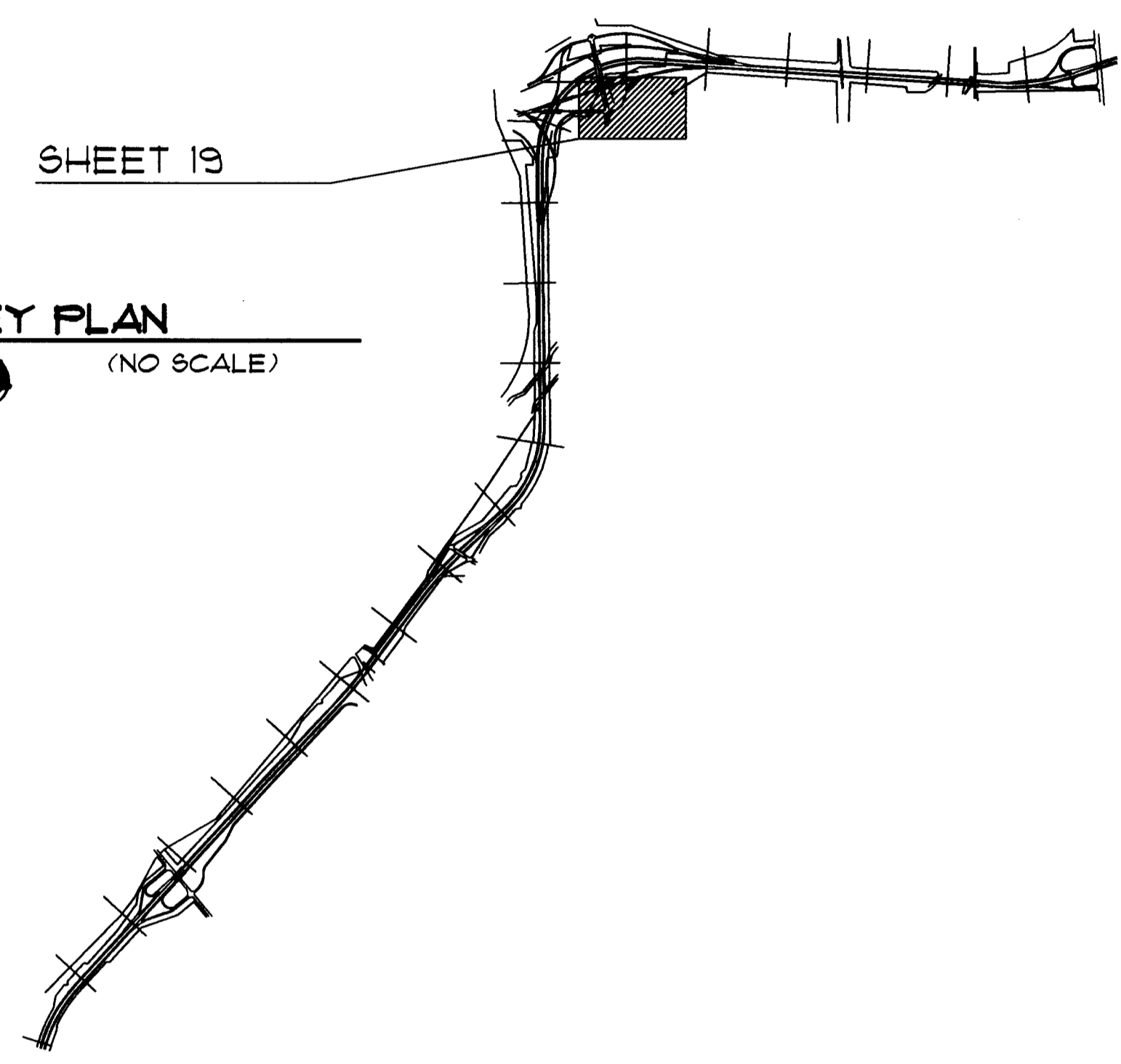
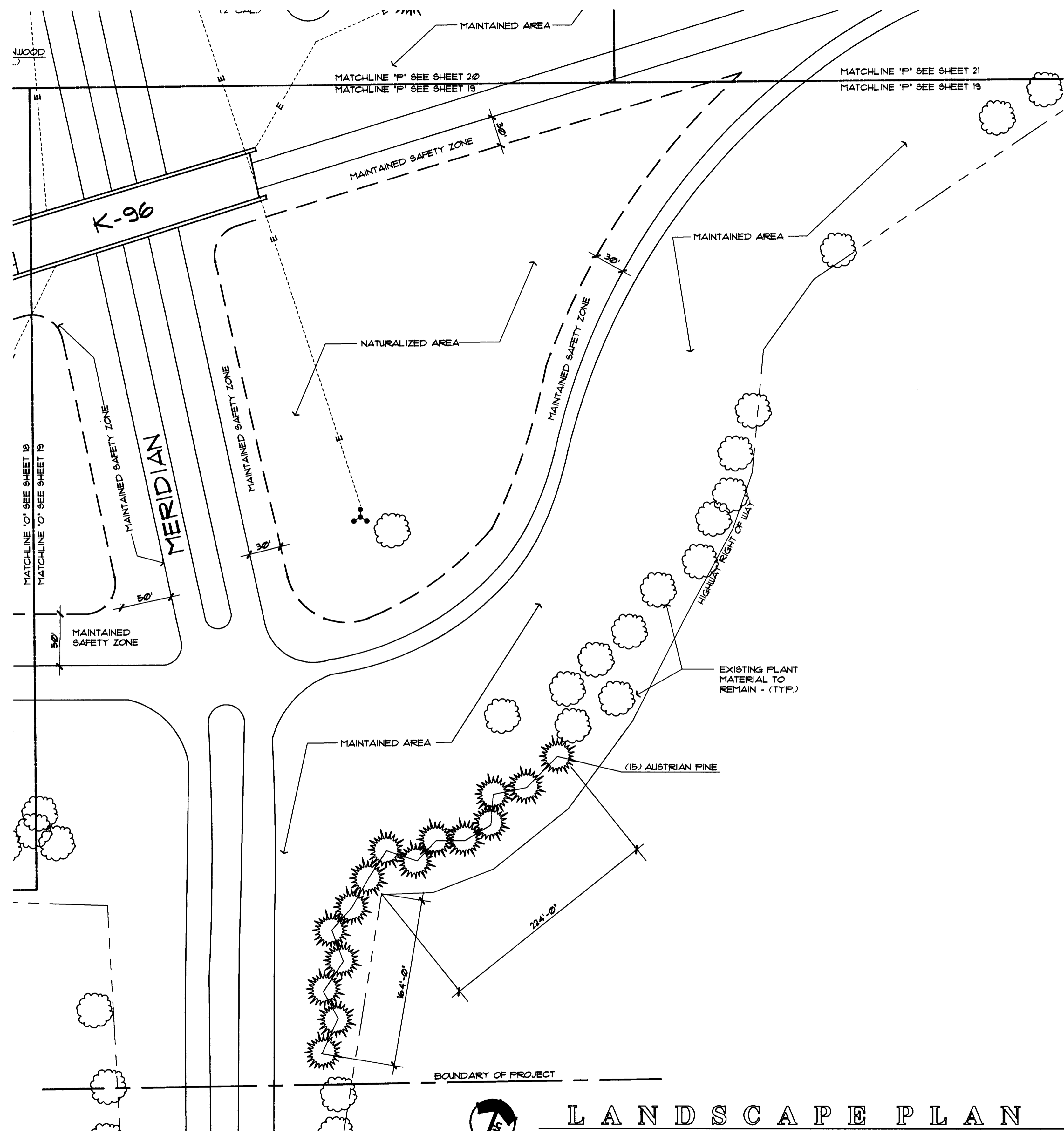
SHEET 18

SCALE: 1" = 60'-0"



KANSAS DEPARTMENT OF TRANSPORTATION
 I-235 CORRIDOR LANDSCAPING
 STA. 333+00 TO STA. 343+00
 PROJECT NO. #95068
Wilson Darnell Mann
 architecture site planning interiors
 Wichita, Kansas
 DESIGNED BY: SDW CHECKED BY: LME
 DRAWN BY: SDW DATE: 9-6-96 SHEET 18 OF 33

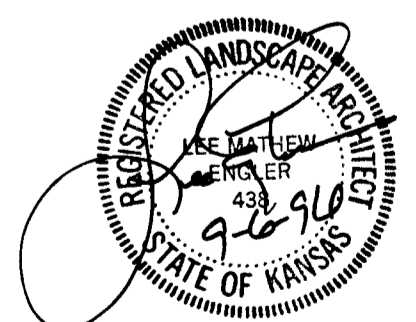
FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	235-87 TE-0072-01 TEA I 235-1(190)	1997	19	33



PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
15	EVERGREEN TREE AUSTRIAN PINE	PINUS NIGRA	4' HT.	B & B	

UTILITY OWNERS
KANSAS DEPARTMENT OF TRANSPORTATION (316)744-1271



LANDSCAPE PLAN

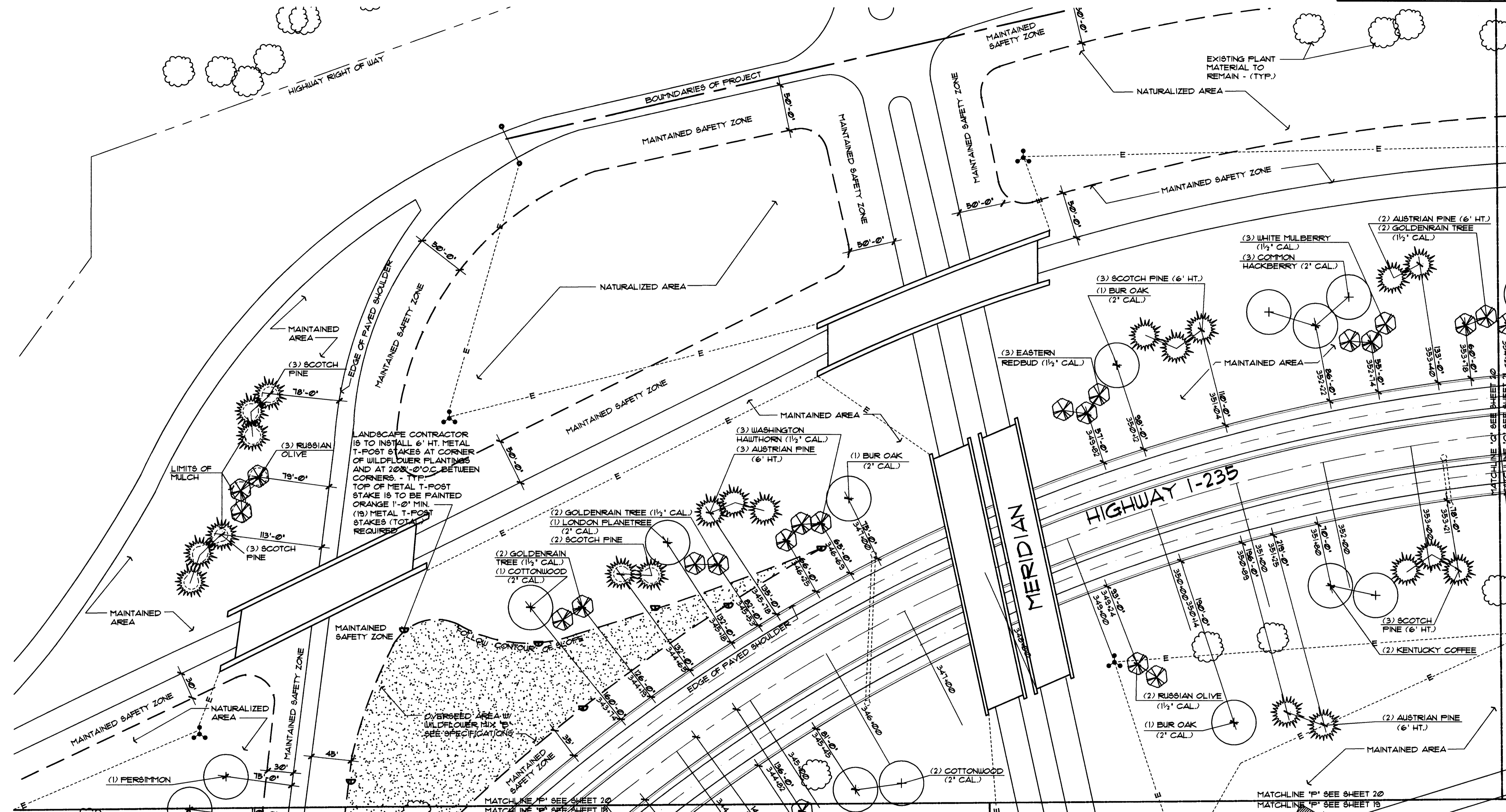
SCALE: 1" = 60'-0"

KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING

PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LME
DRAWN BY: SDW DATE: 9-6-96 SHEET 19 OF 33



QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
2	COMMON HACKBERRY	CELTIS OCCIDENTALIS	2' CAL.	B 4 B	4' BRACH HT.
3	COTTONWOOD	POPULUS DELTOIDES	2' CAL.	B 4 B	4' BRACH HT.
3	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B 4 B	
2	KENTUCKY COFFEE TREE	GYMNOCLADUS DIOECUS	1 1/2' CAL.	B 4 B	
1	LONDON PLANETREE	PLATANUS X ACERIFOLIA	2' CAL.	B 4 B	
1	PERSIMMON	DIOSPYROS VIRGINIANA	30'-36' HT.	B 4 B	4' BRACH HT.
ORNAMENTAL TREE					
3	EASTERN REDBUD	CERCIS CANADENSIS	1 1/2' CAL.	B 4 B	
2	RUSSIAN OLIVE	ELEANGNUS ANGUSTIFOLIA	1 1/2' CAL.	B 4 B	
3	RUSSIAN OLIVE	ELEANGNUS ANGUSTIFOLIA	6' HT.	B 4 B	
4	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	1 1/2' CAL.	B 4 B	
2	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	6' HT.	B 4 B	
3	WHITE MULBERRY	MORUS ALBA	1 1/2' CAL.	B 4 B	
3	WASHINGTON HAWTHORN	CRATAEGUS PHAENOPYRUM	1 1/2' CAL.	B 4 B	
EVERGREEN TREE					
7	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B 4 B	REMOVE LOWEST WHORL
6	SCOTCH PINE	PINUS SYLVESTRIS	6' HT.	B 4 B	REMOVE LOWEST WHORL
8	SCOTCH PINE	PINUS SYLVESTRIS	4' HT.	B 4 B	
WILDFLOWER					
48,000	62QT. WILDFLOWER MIX 'B'	SEE SHEET L62 FOR SEED MIX RATIO	SEED AT A RATE OF 18 PLS LBS PER ACRE		

UTILITY OWNERS

KANSAS DEPARTMENT OF TRANSPORTATION (316) 744-1271

NOTE:

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GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- - - - - LIMITS OF NATURALIZED AREA
- - - - - LIMITS OF MULCH
- - - - - MATCHLINE
- EXISTING LIGHT POLE
- WILDFLOWER AREA
- PAINTED 'T' POST WILDFLOWER AREA MARKER
- EXISTING DRAINAGE STRUCTURE



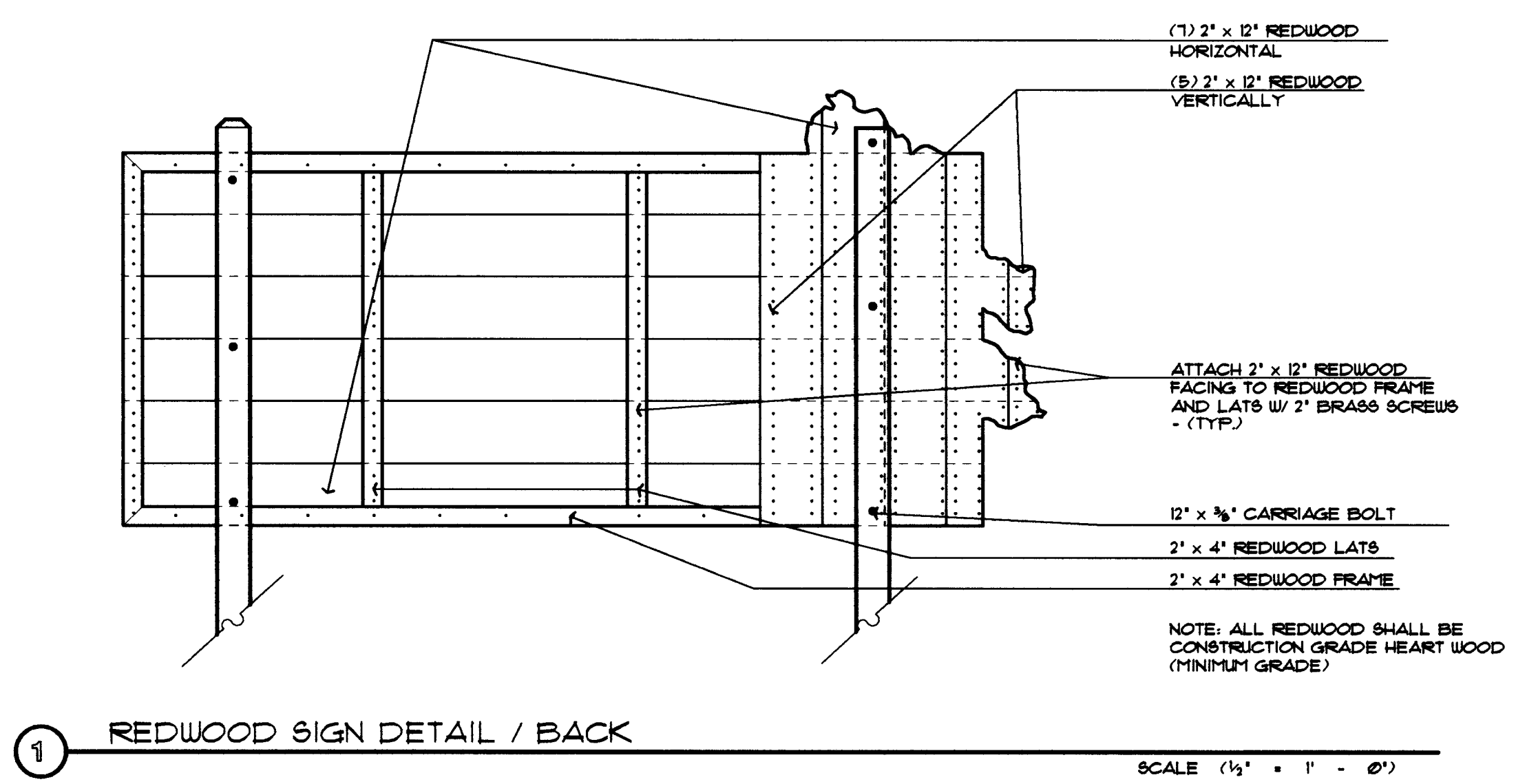
KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
 STA. 343+00 TO STA. 354+00
 PROJECT NO. #95068
Wilson Darnell Mann
 architecture site planning interiors
 Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LME
 DRAWN BY: SDW DATE: 9-8-96 SHEET 20 OF 33

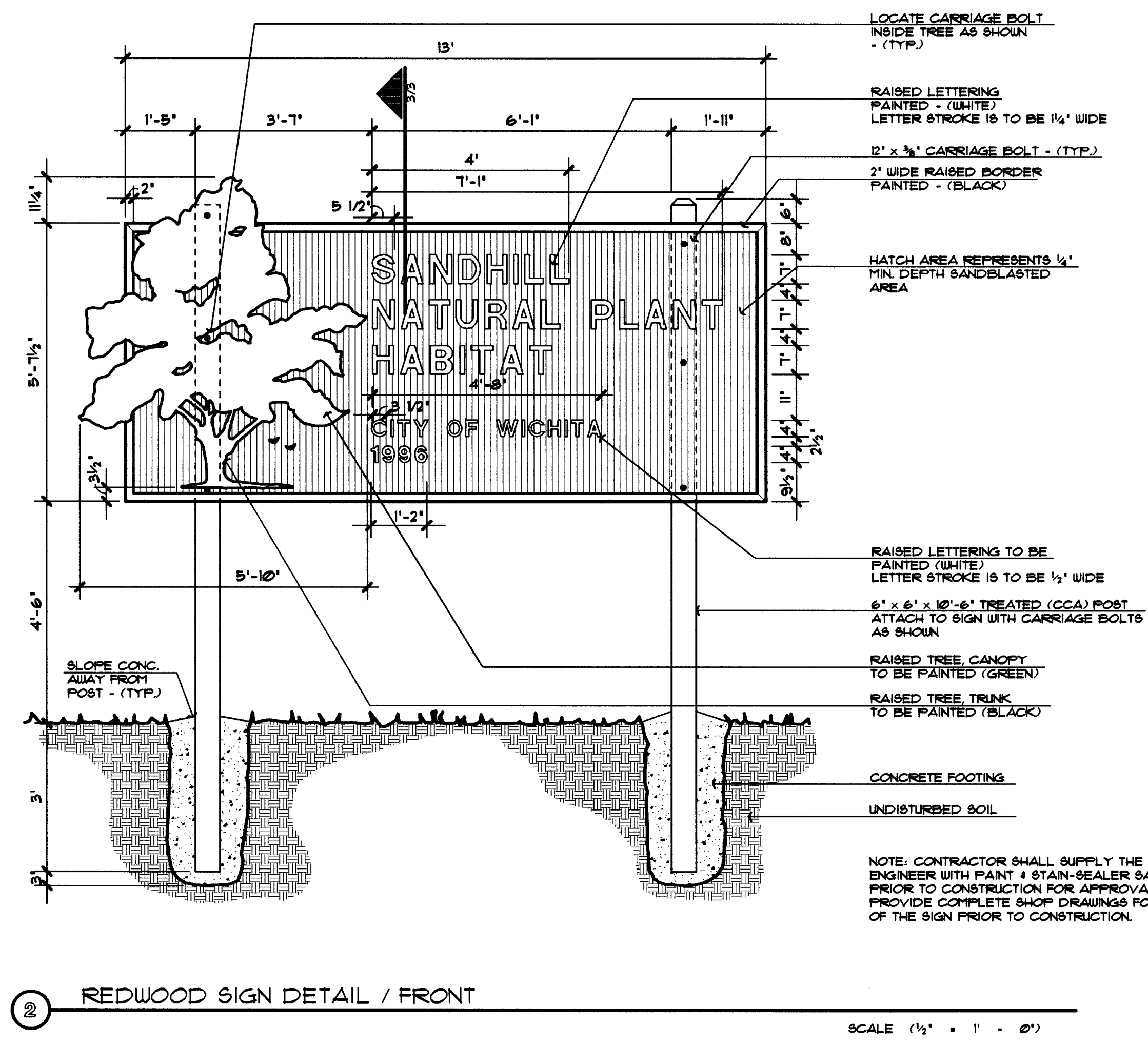
FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	235-87 TE-0072-01 TEA 1 235-1(190) 6	1997	3	33

GENERAL PLANTING NOTES:

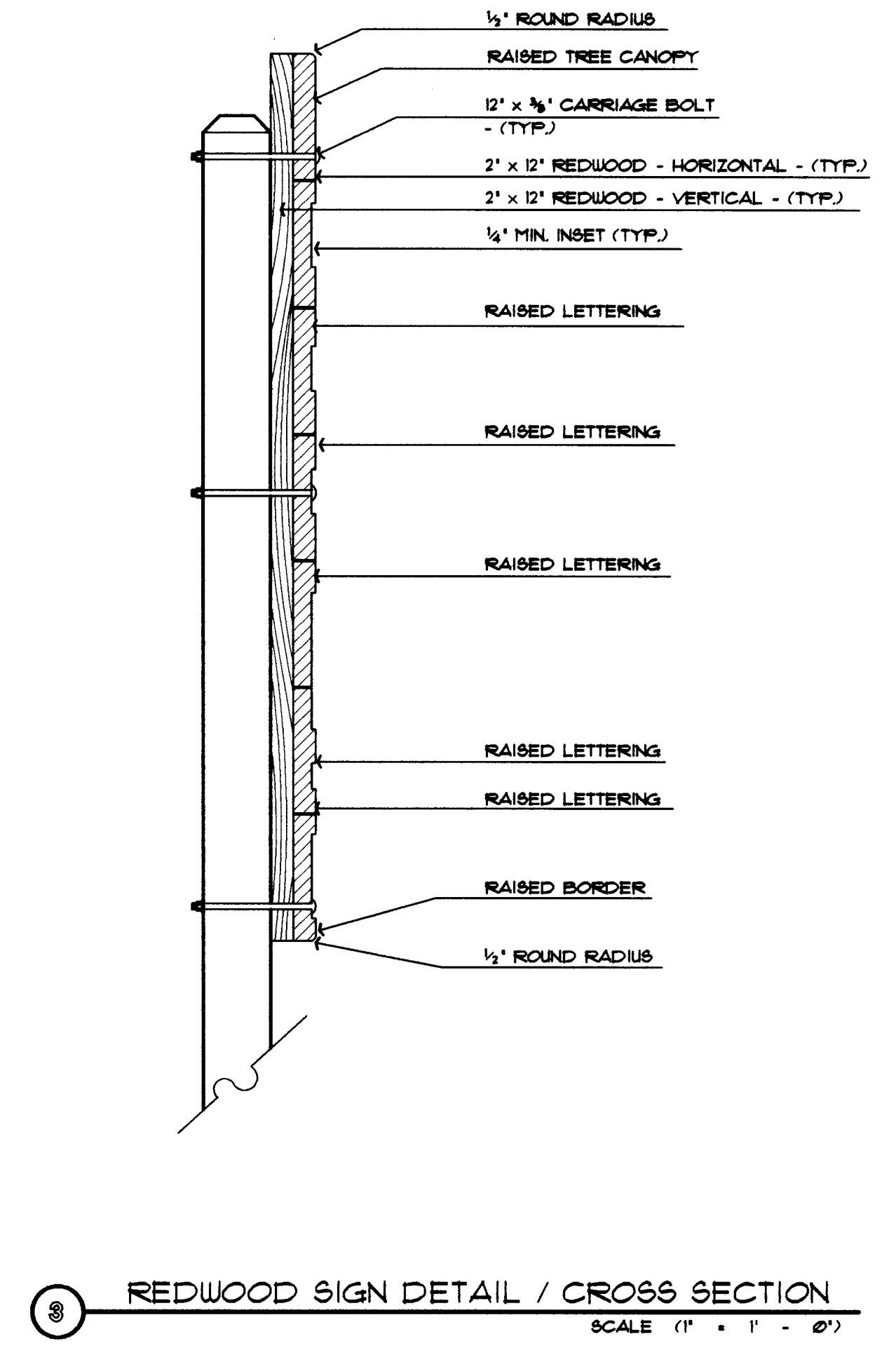
- SEE CITY OF WICHITA SPECIFICATIONS FOR FURNISHING AND PLANTING PLANT MATERIALS FOR FULL REQUIREMENTS.
REPORT ANY DISCREPANCIES IN THE PLANTING PLAN TO THE PROJECT ENGINEER PRIOR TO STARTING CONSTRUCTION.
- LANDSCAPE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND SERVICE NECESSARY TO FURNISH AND INSTALL PLANTINGS AS SPECIFIED HEREIN AND AS SHOWN ON THESE PLANS.
- NO MATERIAL SUBSTITUTIONS SHALL BE MADE WITHOUT PROJECT ENGINEER'S APPROVAL. ALTERNATE MATERIALS OF SIMILAR SIZE AND CHARACTER MAY BE CONSIDERED IF SPECIFIED PLANT MATERIALS CANNOT BE OBTAINED. PROJECT ENGINEER RESERVES THE RIGHT TO REVISE PLANT LIST AS DEEMED NECESSARY.
- ALL PLANT LOCATIONS ARE APPROXIMATE, ADJUST AS NECESSARY TO AVOID CONFLICTS.
- QUANTITIES OF MATERIALS SHOWN ON THE PLANT MATERIALS SCHEDULE TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANTING PLANS. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE PLANTING PLAN.
- UTILITIES HAVE BEEN SHOWN ON PLAN FOR ROUGH LOCATION OF SERVICES. CONTRACTOR SHALL LOCATE ALL UTILITIES BEFORE WORK. LOCATE EXACT UTILITY LOCATIONS BY CONTACTING KANSAS ONE-CALL CENTER AT (800) 344-7233 AND BY CONTACTING KANSAS DEPARTMENT OF TRANSPORTATION FOR LOCATION OF ALL LIGHT POLE UTILITIES BY CONTACTING (316) 744-1211. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE HE MAY CAUSE TO UTILITIES.
- ALL PLANT MATERIAL SHALL BE WELL-FORMED AND DEVELOPED IN GOOD CONDITION, HEALTHY AND DISEASE-FREE, AND BE TYPICAL OF THE SPECIES. PLANTS SHALL COMPLY IN ALL APPLICABLE RESPECTS WITH ACCEPTABLE STANDARDS AS SET FORTH IN THE AMERICAN ASSOCIATION OF NURSERYMEN'S 'AMERICAN STANDARD OF NURSERY STOCK.' OWNER AND PROJECT ENGINEER RESERVES THE RIGHT TO REJECT AT ANY TIME OR PLACE PRIOR TO FINAL ACCEPTANCE OF WORK, ANY AND ALL PLANTS WHICH IN THEIR OPINION FAIL TO MEET SPECIFICATION REQUIREMENTS. SEE SPECIFICATIONS FOR FULL FULL REQUIREMENTS.
- PLANTS DESIGNATED CONTAINER GROWN SHALL HAVE BEEN GROWN IN POTS, CANS OR BOXES FOR A MINIMUM OF SIX MONTHS AND A MAXIMUM OF TWO YEARS. THESE PLANTS SHALL BE REMOVED FROM CONTAINERS BEFORE PLANTING. PLANTS THAT APPEAR ROOT-BOUND SHALL BE ROOT PRUNED THROUGH THE USE OF A VERTICAL SLICING METHOD PRIOR TO PLANTING.
- IN SHRUB BEDS, REFILL PLANT PITS WITH EXISTING SOIL TAKEN FROM HOLE AND BREAKUP EXISTING SOIL TO ELIMINATE ANY CLUMPS OR CLODS PRIOR TO BACK FILLING AROUND NEW PLANTS BALL.
- SAVE THE EXISTING PLANT MATERIALS SHOWN ON PLANS UNLESS NOTED TO BE REMOVED.
- USE WOOD CHIP MULCH IN ALL PLANT SAUCERS AND PLANTING BEDS. LANDSCAPE CONTRACTOR SHALL SUPPLY PROJECT ENGINEER WITH A SAMPLE OF MULCH FOR APPROVAL PRIOR TO STARTING CONSTRUCTION. SIZE OF MATERIAL TO RANGE FROM 1" TO 3" ONLY.
- PLACE 3'-4" OF MULCH OVER THE ENTIRE SURFACE OF PLANT BEDS. SHRUBS ARE TO BE PLANTED 5' ON-CENTER. PLACE 5" (MIN) DIAMETER MULCH RINGS, 4" THICK AROUND ALL TREES. PLACE PRE-EMERGENT WEED KILLER BELOW ALL MULCH. MULCH AND ROUNDUP TREATMENT SUBSIDIARY TO PLANT MATERIAL BID ITEMS.
- "V" TRENCH IS TO BE INSTALLED AT THE EDGE OF SHRUB BEDS WHERE MULCH LIES ADJACENT TO TURF GRASS. LOCATE EDGE OF PLANT BEDS A MINIMUM OF 2'-6" FROM ADJACENT PLANTS.
- PLANTING BEDS RECEIVING MULCH ARE TO BE FREE OF WEEDS AND GRASS. TREAT BEDS WITH A PRE-EMERGENT HERBICIDE PRIOR TO PLANTING AND MULCH PLACEMENT. APPLY IN ACCORDANCE WITH STANDARD TRADE PRACTICE. ALL WEEDS, GRASS, AND DEBRIS SHALL BE REMOVED PRIOR TO PLANTING.
- TREES SHALL BE SUPPORTED IMMEDIATELY AFTER PLANTING IN THE MANNER SHOWN ON PLANTING DETAILS. SUPPORT MATERIAL IS SUBSIDIARY TO TREE PLANTING.
- AFTER PLANTING IS COMPLETED, REPAIR INJURIES TO ALL PLANTS AS REQUIRED. LIMIT AMOUNT OF PRUNING TO A MINIMUM NECESSARY TO REMOVE DEAD OR INJURED BRANCHES AND BRANCHES IN SUCH A MANNER AS NOT TO CHANGE NATURAL HABIT OR SHAPE OF PLANT. MAKE CUTS FLUSH, LEAVING NO STUBS. CUTS OF ONE INCH (1") DIAMETER OR MORE TO BE PAINTED WITH TREE PAINT. CENTRAL LEADERS SHALL NOT BE REMOVED.
- LANDSCAPE CONTRACTOR TO REMOVE TREE STAKES, AND REMOVE ALL DEAD WOOD ON TREES AND SHRUBS ONE YEAR AFTER PROVISIONAL ACCEPTANCE.
- COORDINATE GROUND PREPARATION OF WILDFLOWER AREAS WITH KANSAS DEPARTMENT OF TRANSPORTATION (KDOT). WICHITA METRO ENGINEER, KDOT SHALL PERFORM GROUND PREPARATION AT TIME OF SPRING MOWING. LANDSCAPE CONTRACTOR SHALL BROADCAST WILDFLOWER SEED MIX AT SPECIFIED RATE. SEE SPECIFICATIONS FOR FULL REQUIREMENTS.
- THE REFERENCE ON PLANS OF MAINTAINED AND NATURALIZED AREAS (OR AREAS NOT LABELED AS MAINTAINED) ARE FOR USE IN FUTURE MAINTENANCE BY KDOT. MAINTAINED AREAS REFER TO AREAS MOWED AS NECESSARY TO KEEP GRASSES AT A HEIGHT IN ACCORDANCE TO STANDARD KDOT SAFETY REQUIREMENTS. THIS AREA IS TYPICALLY AT A MINIMUM OF 30 FEET IN WIDTH BEHIND ROADWAY PAVING. NATURALIZED AREA REFERS TO AREAS THAT ARE TO BE MOWED AT MINIMUM ALLOWED INTERVALS (TYPICALLY ONCE A YEAR). MOWING IS TO OCCUR IN LATE WINTER OR EARLY SPRING BEFORE GRASSES COMPLETE DORMANCY ALLOWING GRASSES TO APPEAR IN FULL HEIGHT DURING WINTER MONTHS.
- ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING EDGE ROAD SHOULDER PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSION ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.
- SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- PAINTED STEEL POSTS ARE TO BE LOCATED AROUND PERIMETER OF WILDFLOWER AREA AS SHOWN ON PLANS. POST ARE FOR DESIGNATING AREA NOT TO BE MOWED FOR ESTABLISHMENT OF WILDFLOWERS.
- LANDSCAPE CONTRACTOR SHALL CLEAR 4 GRUB EXISTING PLANT MATERIAL AS NOTED IN DRAWINGS (SHEET 23). THE LANDSCAPE CONTRACTOR SHALL REMOVE ALL EXISTING VEGETATION INCLUDING WOODY PLANT MATERIAL, GRASSES, AND ALL ROOT STRUCTURES - IN AREAS DESIGNATED BY DRAWINGS. THEN THE LANDSCAPE CONTRACTOR SHALL APPLY A TREATMENT OF ROUND-UP AND PRE-EMERGENT HERBICIDE BEFORE INSTALLATION OF NEW PLANT MATERIAL. DISPOSAL OF REMOVED VEGETATION WILL OCCUR AT THE CONTRACTORS EXPENSE AS A SEPARATE BID ITEM. (LUMP SUM)



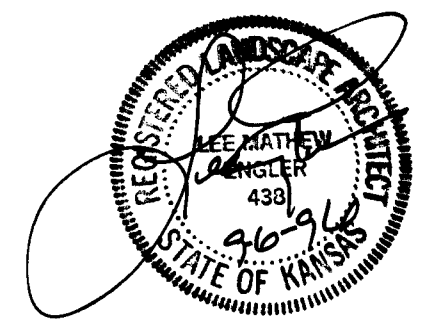
1 REDWOOD SIGN DETAIL / BACK



2 REDWOOD SIGN DETAIL / FRONT



3 REDWOOD SIGN DETAIL / CROSS SECTION

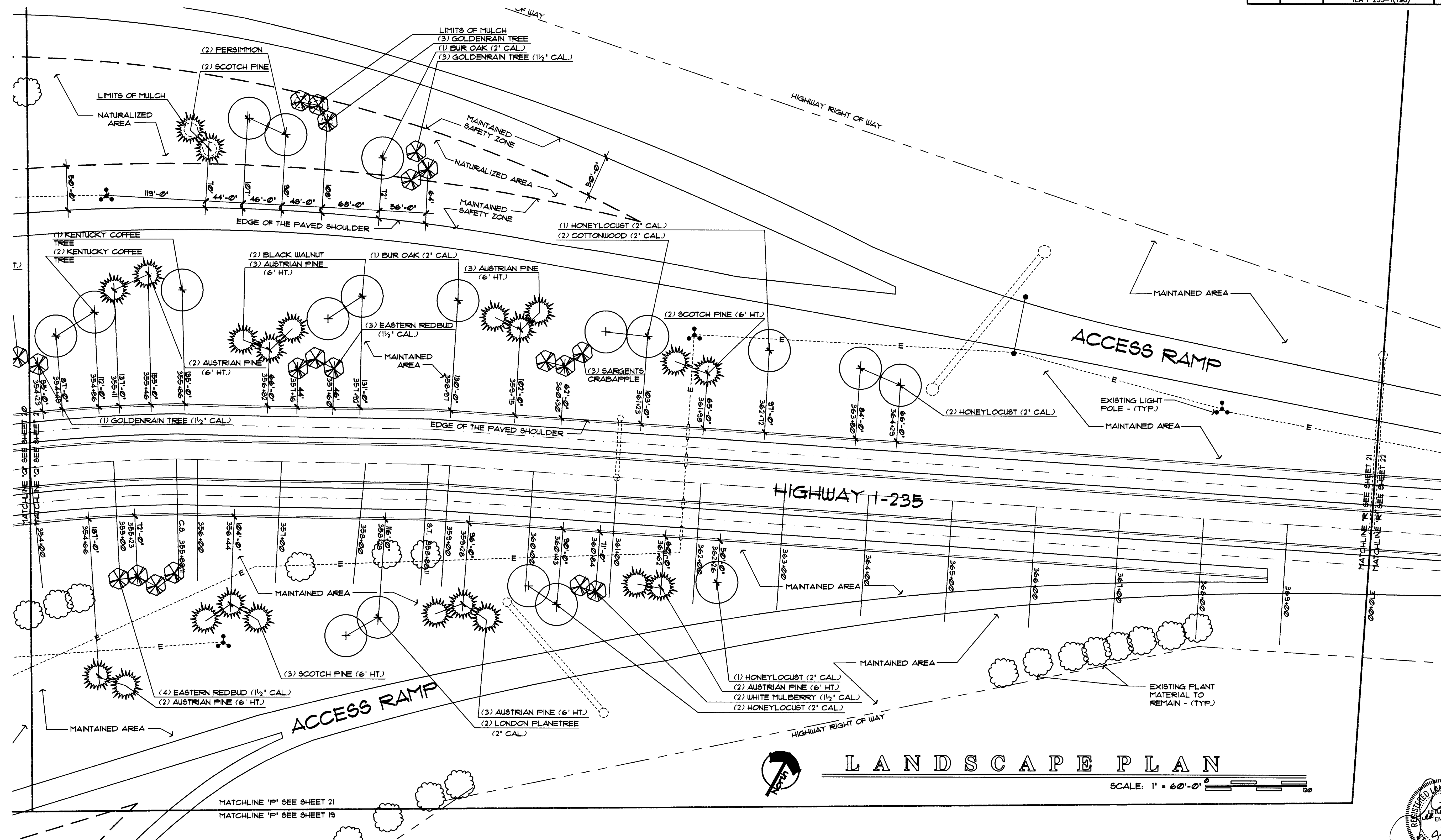


KANSAS DEPARTMENT OF TRANSPORTATION
 I-235 CORRIDOR LANDSCAPING
 DETAIL SHEET

PROJECT NO. #95068

Wilson Darnell Mann
 architecture site planning interiors
 Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LME
 DRAWN BY: SDW DATE: 9-6-98 SHEET 3 OF 33



QTY.	COMMON NAME	BOTANICAL NAME	MIN. SIZE	COND.	REMARKS
	SHADE TREE				
2	BLACK WALNUT	JUGLANS NIGRA	30'-36' HT.	B + B	
2	COTTONWOOD 'COTTONLESS'	POPULUS DELTOIDES 'COTTONLESS'	2' CAL.	B + B	4' BRANCH HT.
2	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B + B	
6	HONEYLOCUST 'THORNLESS'	GLIEDITSIA TRIACANTHOS VAR. INERMIS	2' CAL.	B + B	4' BRANCH HT.
3	KENTUCKY COFFEE TREE	GYMNOCLADUS DIOECUS	1 1/2' CAL.	B + B	4' BRANCH HT.
2	PERSIMMON	DIOSPYROS VIRGINIANA	30'-36' HT.	B + B	
2	LONDON PLANETREE	PLATANUS X ACERIFOLIA	2' CAL.	B + B	

QTY.	COMMON NAME	BOTANICAL NAME	MIN. SIZE	COND.	REMARKS
	ORNAMENTAL TREE				
3	EASTERN REDBUD	CERCIS CANADENSIS	1 1/2' CAL.	B + B	
4	RUSSIAN OLIVE	ELEAGNUS ANGUSTIFOLIA	1 1/2' CAL.	B + B	
4	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	1 1/2' CAL.	B + B	
3	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	6' HT.	B + B	
2	WHITE MULBERRY	MORUS ALBA	1 1/2' CAL.	B + B	
3	SARGENTS CRABAPPLE 'ROSELOU'	MALUS SARGENTII 'ROSELOU'	5' HT.	B + B	
	EVERGREEN TREE				
15	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B + B	REMOVE LOWEST WHORL
3	SCOTCH PINE	PINUS SYLVESTRIS	6' HT.	B + B	REMOVE LOWEST WHORL
4	SCOTCH PINE	PINUS SYLVESTRIS	4' HT.	B + B	

UTILITY OWNERS
KANSAS DEPARTMENT OF TRANSPORTATION
(316) 744-1271

NOTE:
ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING EDGE OF THE PAVED SHOULDER, PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSIONS ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.

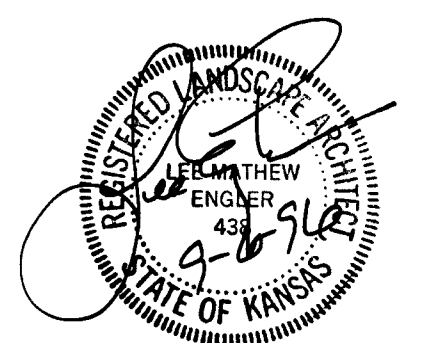
KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 354+00 TO STA. 370+00
PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

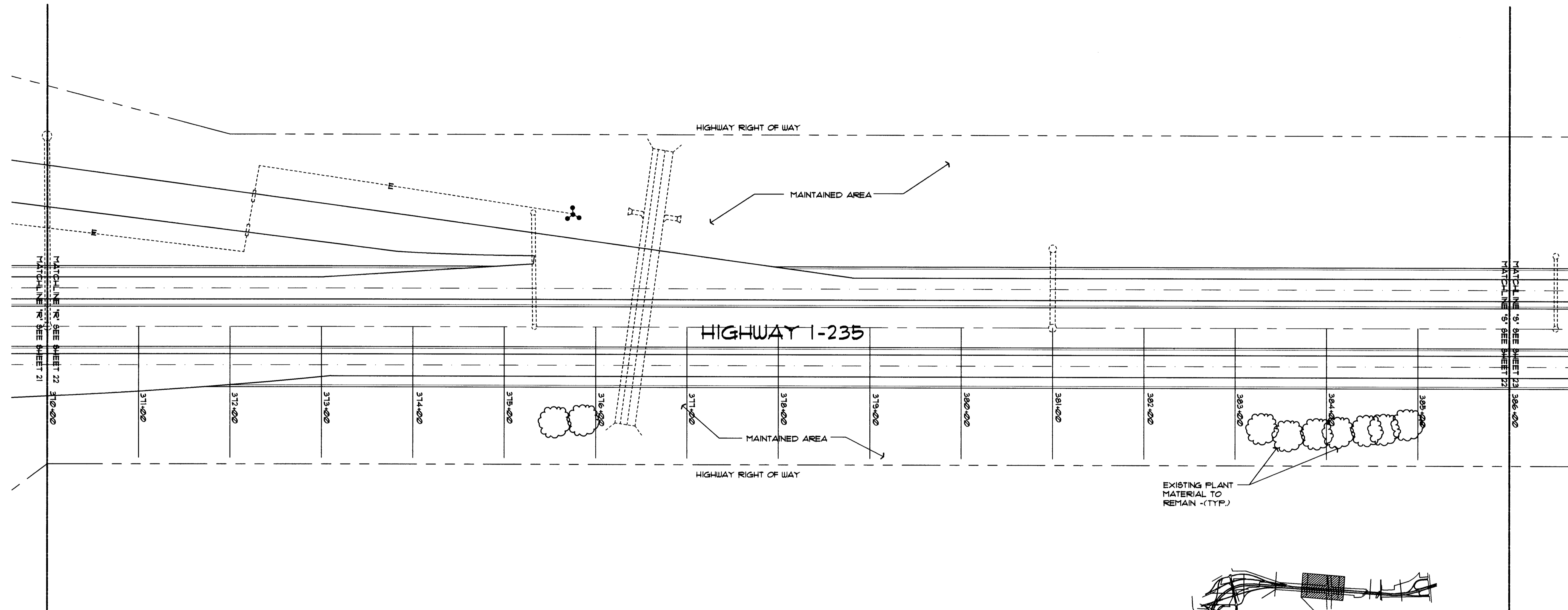
DESIGNED BY: SDW
DRAWN BY: SDW

CHECKED BY: LME
DATE: 9-6-96

SHEET 21 OF 33



FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	235-87 TE-0072-01 TEA I 235-1(190)	1997	22	33



LANDSCAPE PLAN

SCALE: 1" = 60'-0"

UTILITY OWNERS

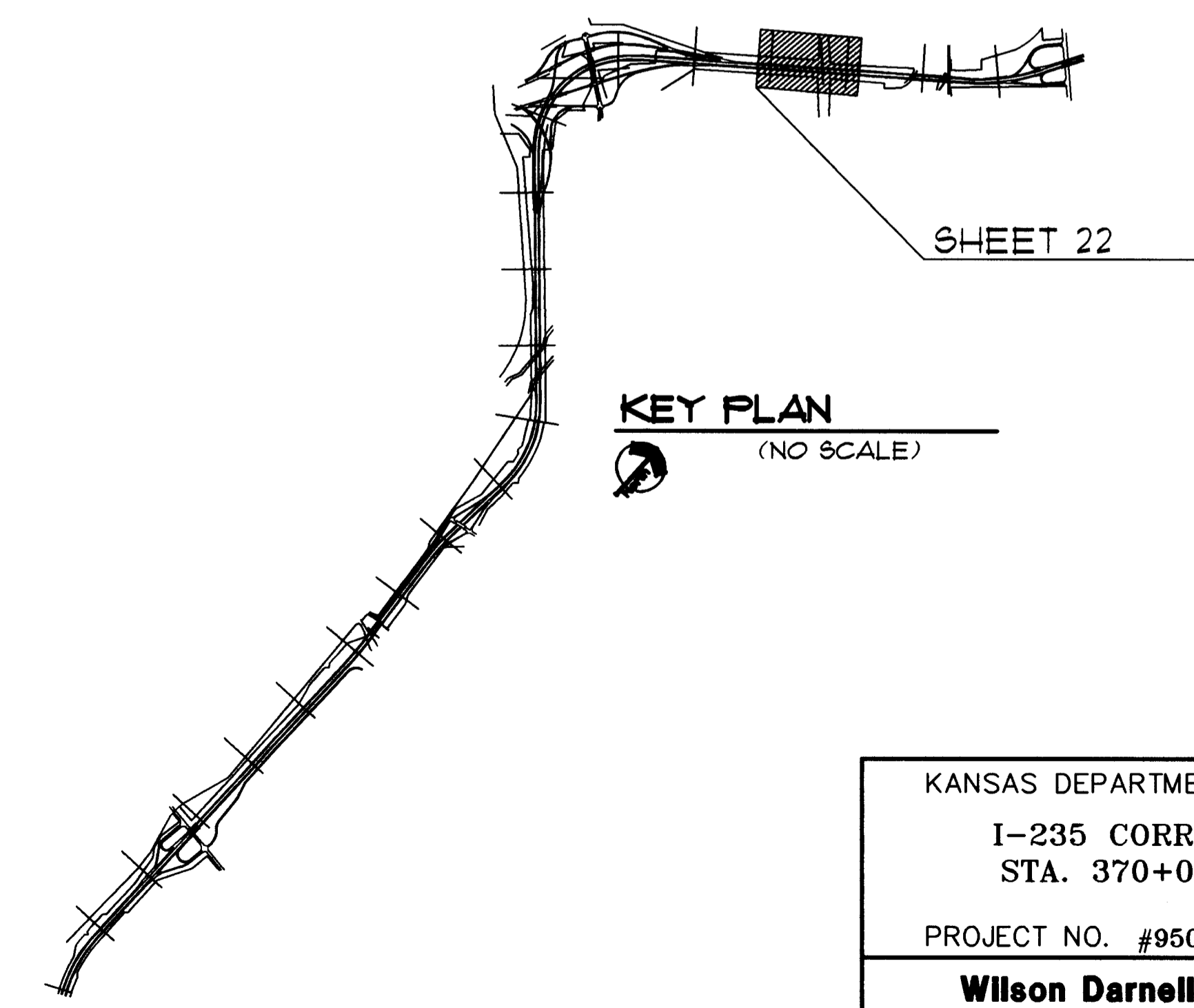
KANSAS DEPARTMENT OF TRANSPORTATION (316)744-1271

GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- - - MATCHLINE
- EXISTING LIGHT POLE
- EXISTING DRAINAGE STRUCTURE

KEY PLAN

(NO SCALE)

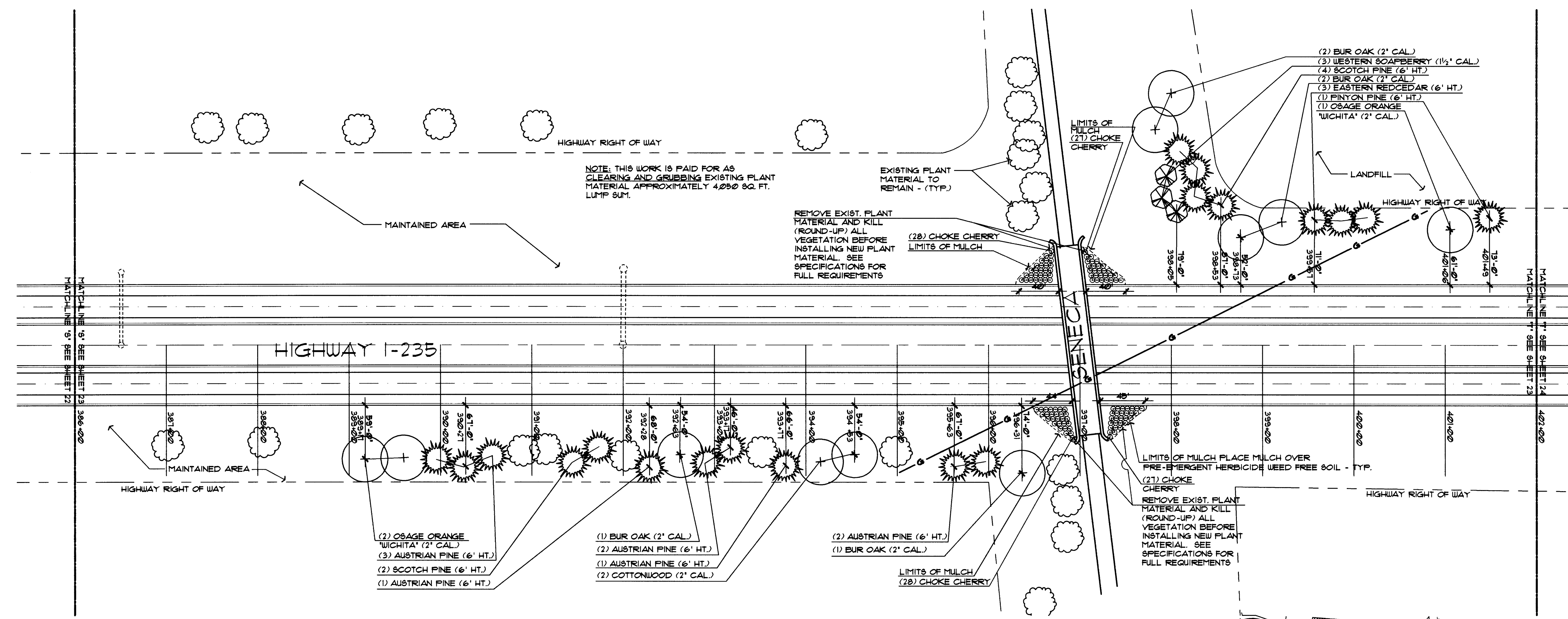


KANSAS DEPARTMENT OF TRANSPORTATION
 I-235 CORRIDOR LANDSCAPING
 STA. 370+00 TO STA. 386+00
 PROJECT NO. #95068

Wilson Darnell Mann
 architecture site planning interiors
 Wichita, Kansas

DESIGNED BY: SDW	CHECKED BY: LME
DRAWN BY: SDW	DATE: 9-6-96 SHEET 22 OF 33

2/31/95
E:\9402\SPA-339\339COVER



LANDSCAPE PLAN

SCALE: 1" = 60'-0"

PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
3	OSAGE ORANGE 'WICHITA'	MAELURA POMIFERA VAR. INERMIS	2' CAL.	B 4 B	4' BRANCH HT.
2	COTTONWOOD 'COTTONLESS'	POPULUS DELTOIDES 'COTTONLESS'	2' CAL.	B 4 B	4' BRANCH HT.
6	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B 4 B	
ORNAMENTAL TREE					
3	WESTERN SOAPBERRY	SAPINDUS DRUMMONDII	1 1/2' CAL.	B 4 B	
EVERGREEN TREE					
1	PINYON FINE	FINUS CEMBROIDES	6' HT.	B 4 B	REMOVE LOWEST WHORL
9	AUSTRIAN FINE	FINUS NIGRA	6' HT.	B 4 B	REMOVE LOWEST WHORL
6	SCOTCH FINE	FINUS SYLVESTRIS	6' HT.	B 4 B	REMOVE LOWEST WHORL
3	EASTERN REDCEDAR	JUNIPERUS VIRGINIANA	6' HT.	B 4 B	
SHRUBS					
110	CHOKE CHERRY	PRUNUS VIRGINIANA	3/5 GAL/18' HT.	CONT.	5' O.C. SPACING

UTILITY OWNERS

PEOPLES NATURAL GAS CO. (316) 946-0096
KANSAS DEPARTMENT OF TRANSPORTATION (316) 744-1271

NOTE:

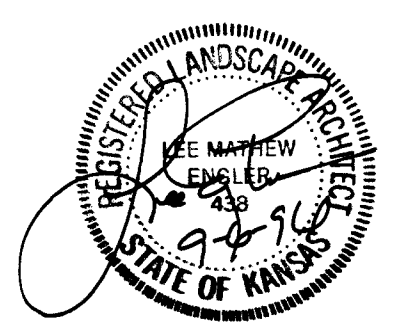
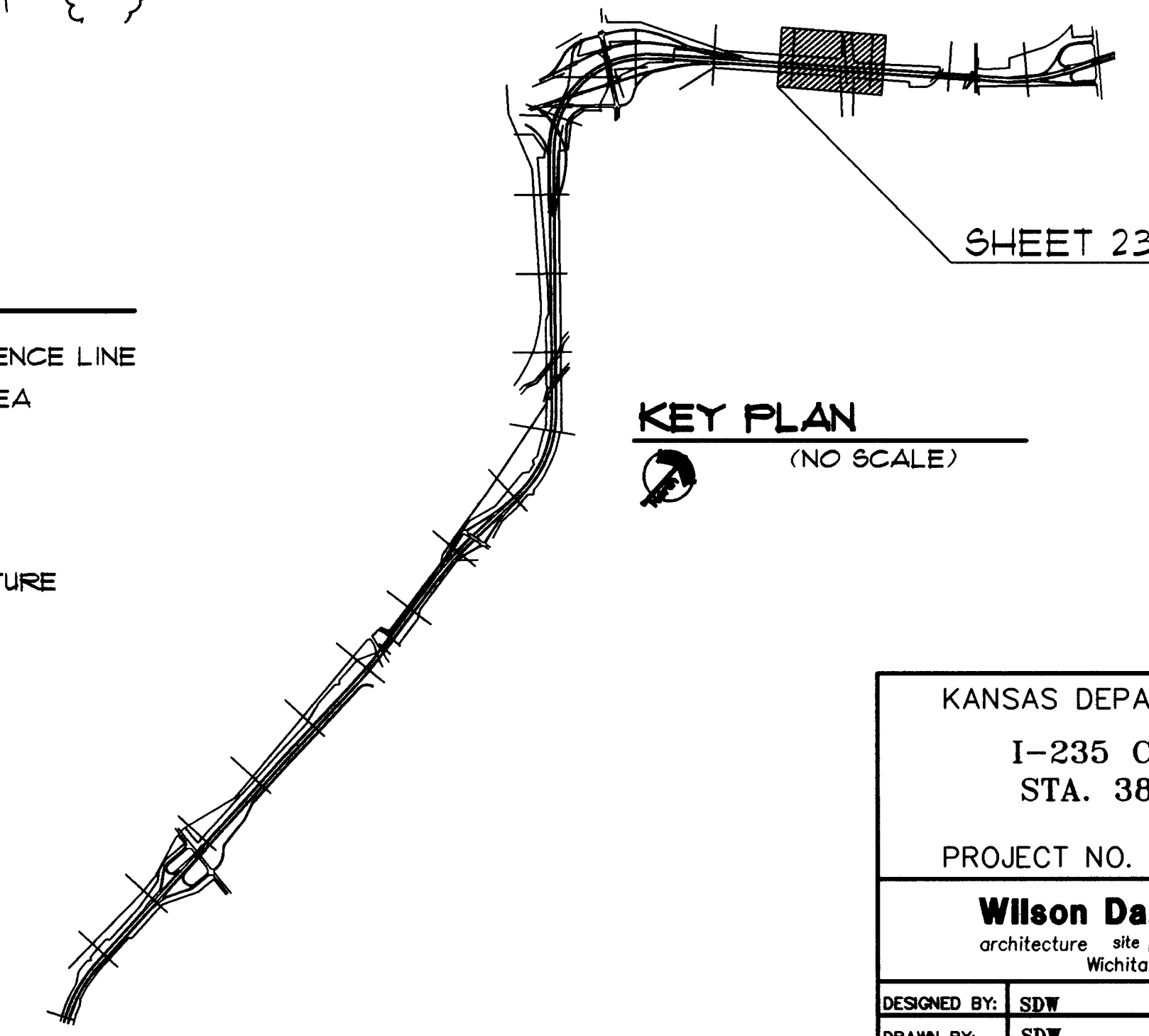
ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING EDGE OF THE PAVED SHOULDER, PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSION ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.

GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- - - LIMITS OF NATURALIZED AREA
- - - - - LIMITS OF MULCH
- MATCHLINE
- ⊙ EXISTING LIGHT POLE
- ⊙ EXISTING DRAINAGE STRUCTURE

KEY PLAN

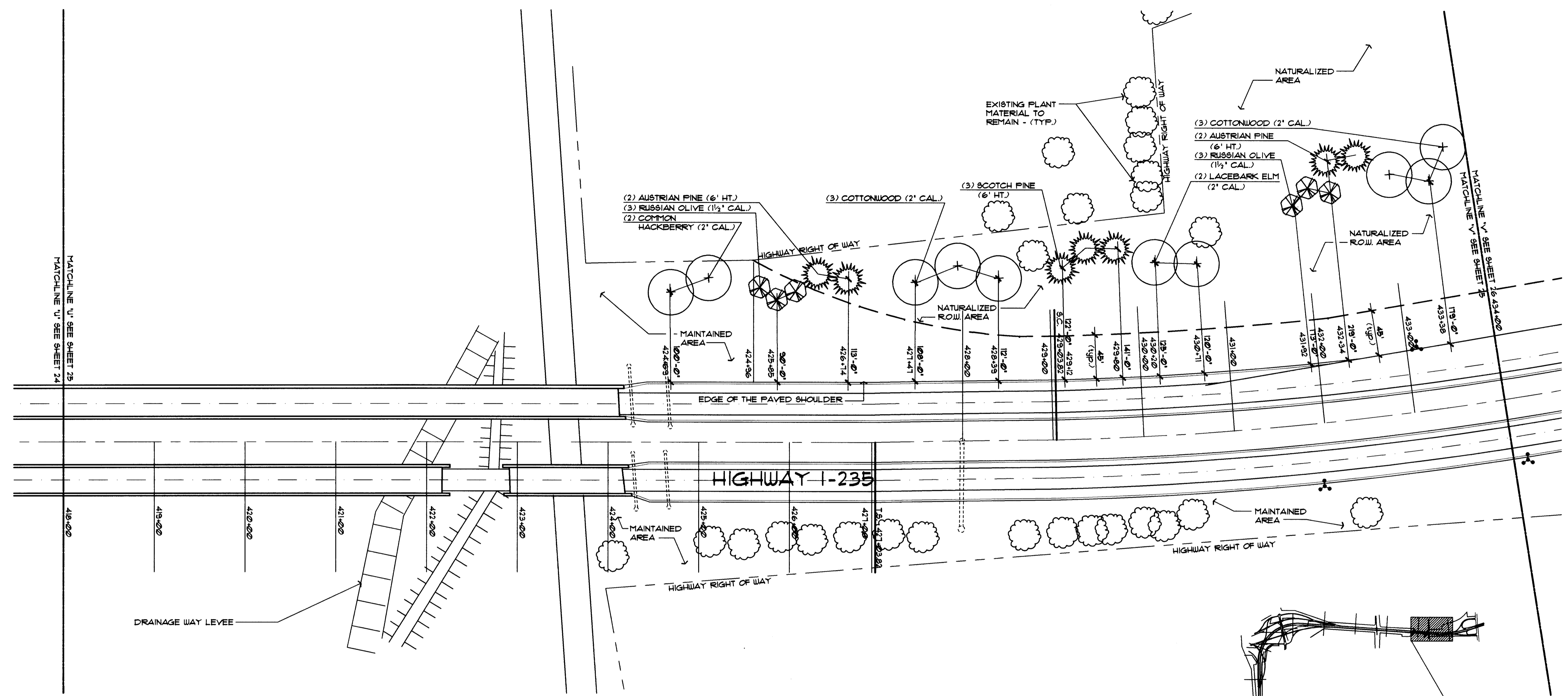
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KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 386+00 TO STA. 402+00
PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LMB
DRAWN BY: SDW DATE: 9-6-96 SHEET 23 OF 33



LANDSCAPE PLAN

SCALE: 1" = 60'-0"

PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
4	COMMON HACKBERRY	CELTIS OCCIDENTALIS	2' CAL.	B + B	4' BRANCH HT.
6	COTTONWOOD 'COTTONLESS'	POPULUS DELTOIDES 'COTTONLESS'	2' CAL.	B + B	4' BRANCH HT.
2	LACEBARK ELM	ULMUS PARVIFOLIA	2' CAL.	B + B	
ORNAMENTAL TREE					
6	RUSSIAN OLIVE	ELEANGNUS ANGUSTIFOLIA	1 1/2' CAL.	B + B	
EVERGREEN TREE					
4	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B + B	REMOVE LOWEST WHORL
3	SCOTCH PINE	PINUS SYLVESTRIS	6' HT.	B + B	REMOVE LOWEST WHORL

UTILITY OWNERS
KANSAS DEPARTMENT OF TRANSPORTATION (316)144-1271

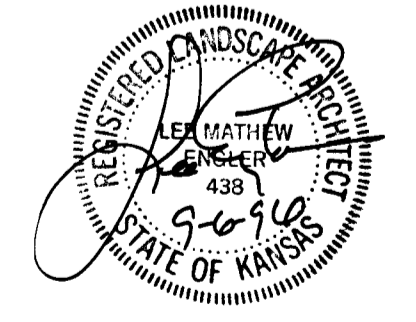
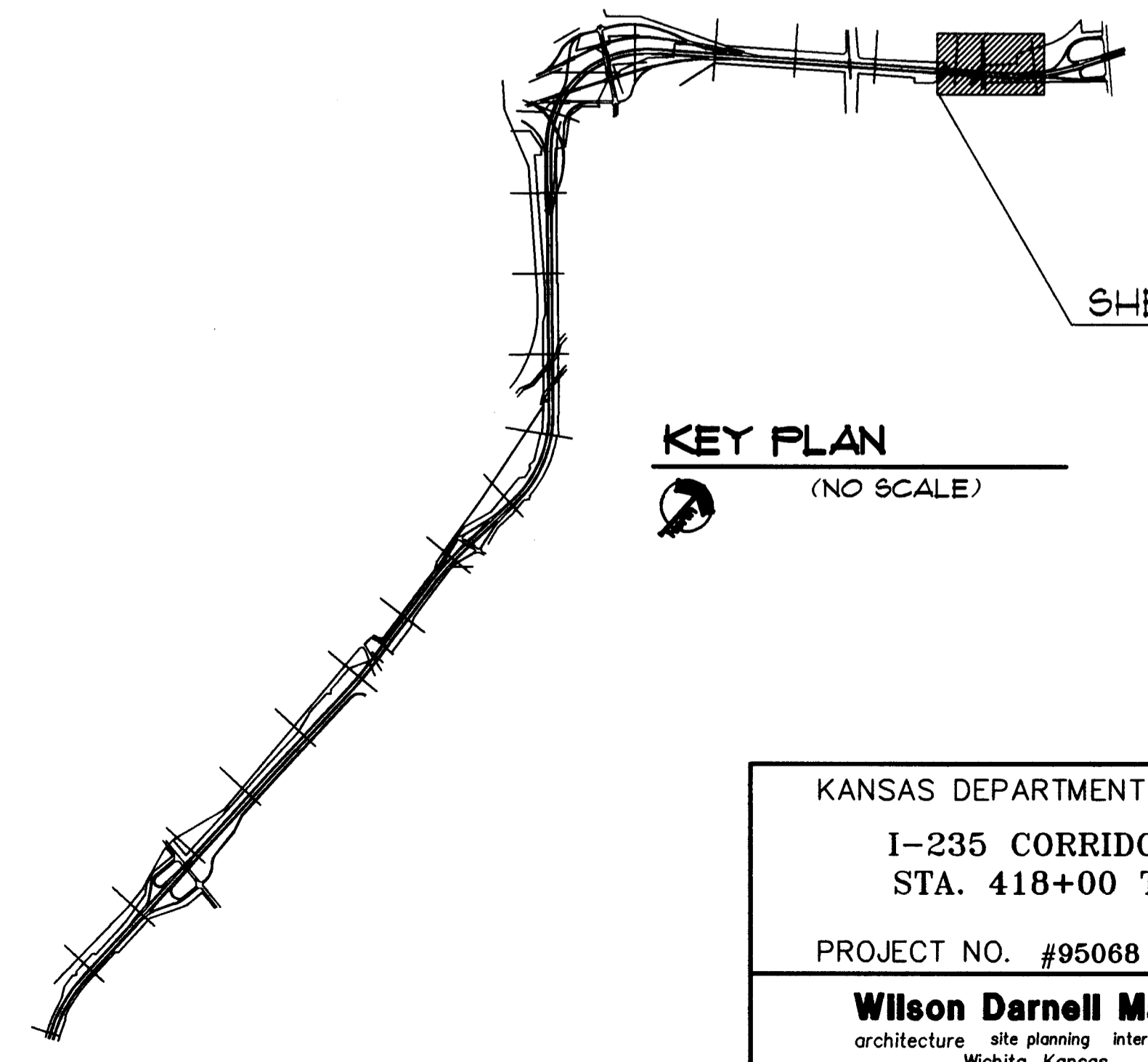
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GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- - - LIMITS OF NATURALIZED AREA
- MATCHLINE
- ⊙ EXISTING LIGHT POLE

KEY PLAN

(NO SCALE)



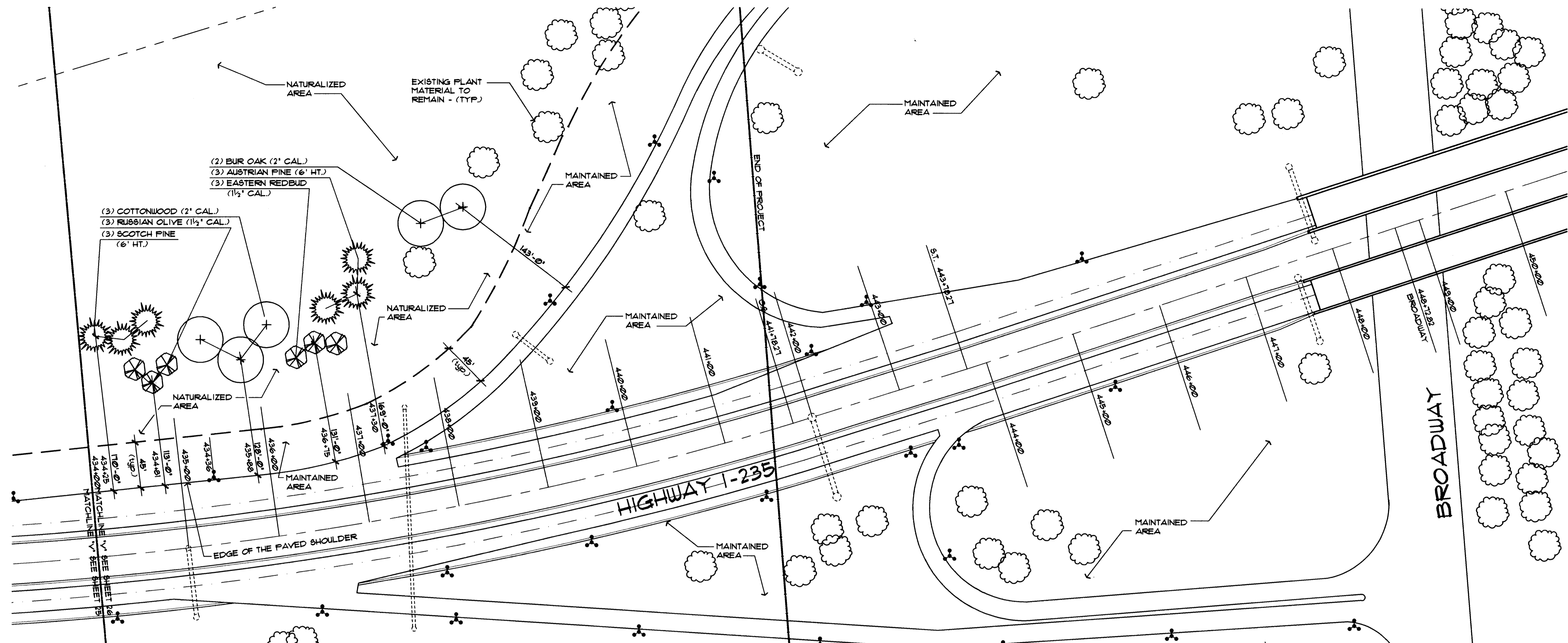
KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 418+00 TO STA. 434+00

PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW	CHECKED BY: LME
DRAWN BY: SDW	DATE: 9-6-96 SHEET 25 OF 33

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LANDSCAPE PLAN
SCALE: 1" = 60'-0"

PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
2	SHADE TREE				
3	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B 4 B	4' BRANCH HT.
3	COTTONWOOD	POPULUS DELTOIDES	2' CAL.	B 4 B	
3	ORNAMENTAL TREE				
3	RUSSIAN OLIVE	ELEANGNUS ANGUSTIFOLIA	1 1/2' CAL.	B 4 B	
3	EASTERN REDBUD	CERCIS CANADENSIS	1 1/2' CAL.	B 4 B	
3	EVERGREEN TREE				
3	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B 4 B	REMOVE LOWEST
3	SCOTCH PINE	PINUS SYLVESTRIS	6' HT.	B 4 B	REMOVE LOWEST

UTILITY OWNERS

KANSAS DEPARTMENT OF TRANSPORTATION (316.7144-1271)

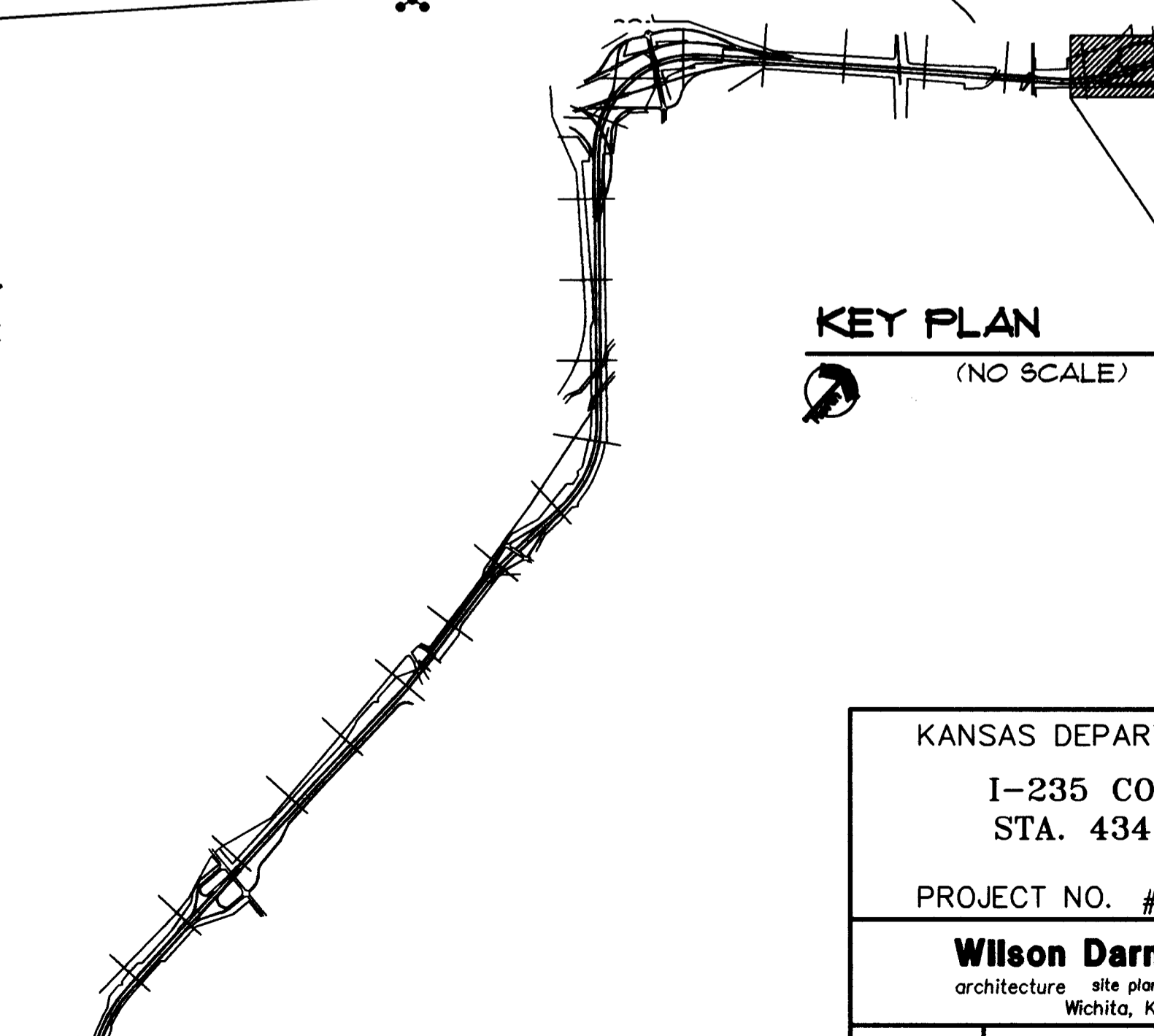
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GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- - - LIMITS OF NATURALIZED AREA
- - - LIMITS OF MULCH
- - - MATCHLINE
- ⊙ EXISTING LIGHT POLE
- ⊕ EXISTING DRAINAGE STRUCTURE

KEY PLAN
(NO SCALE)



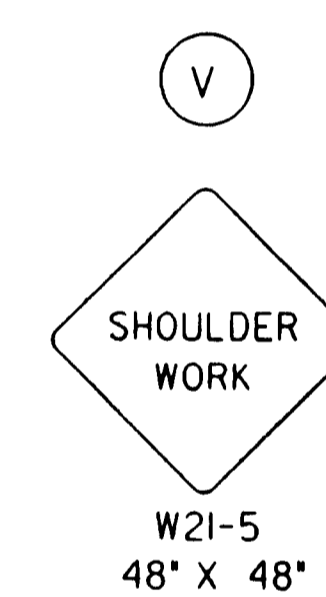
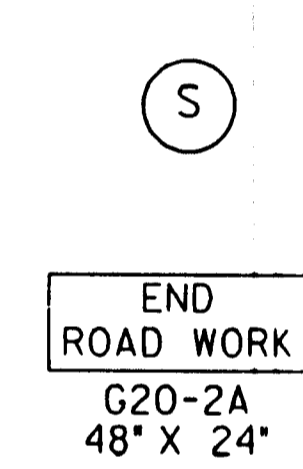
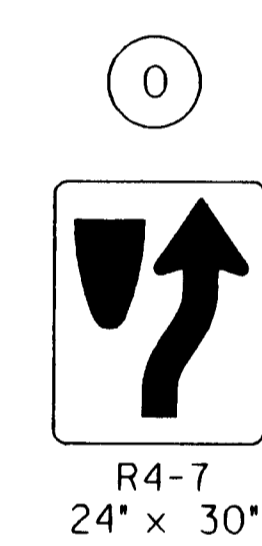
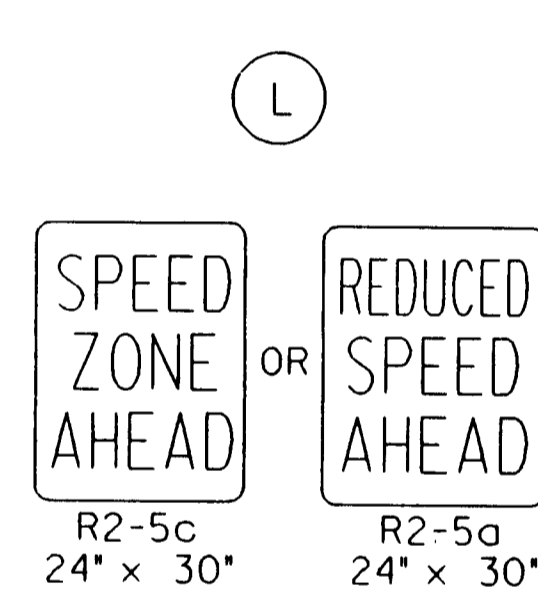
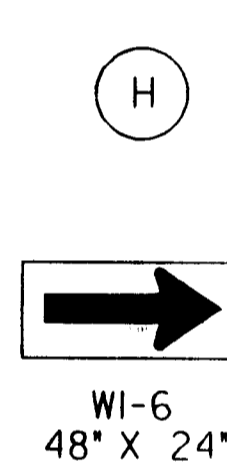
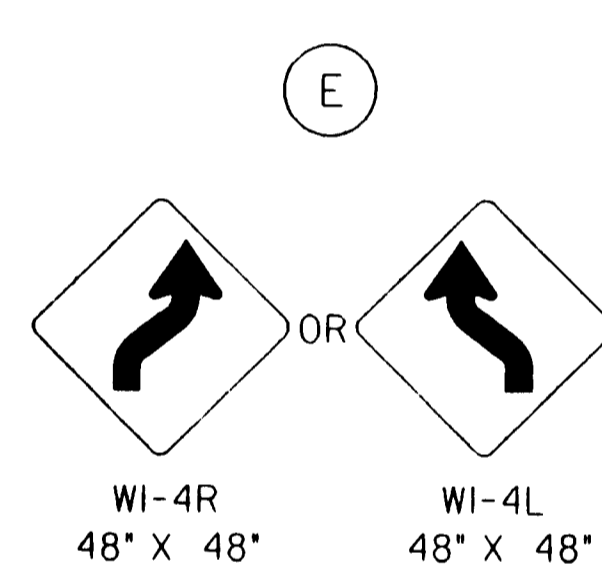
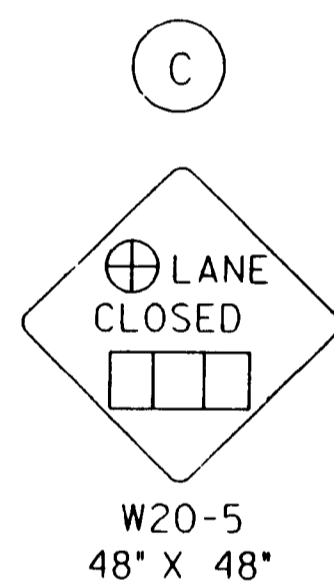
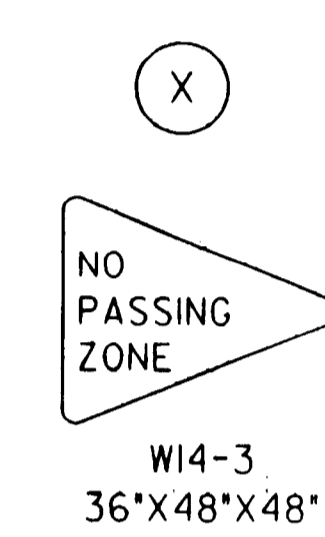
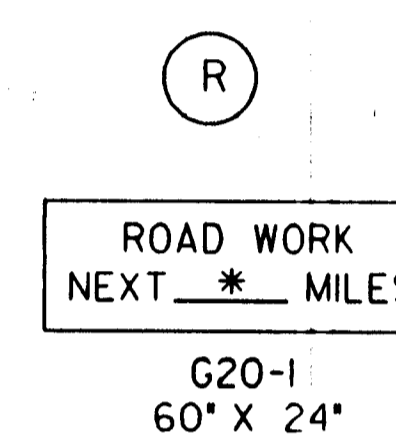
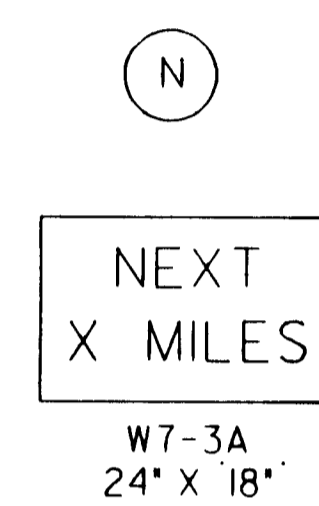
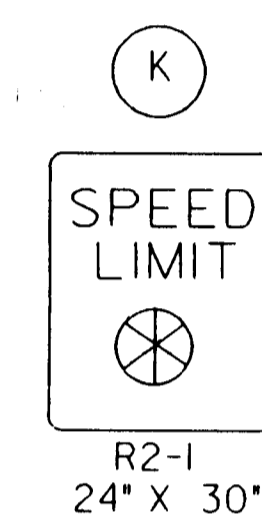
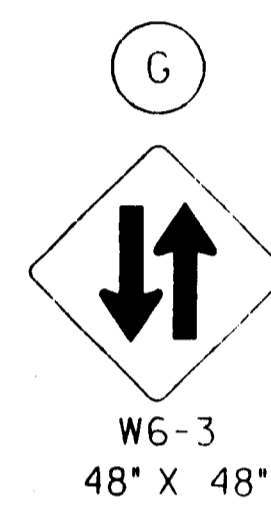
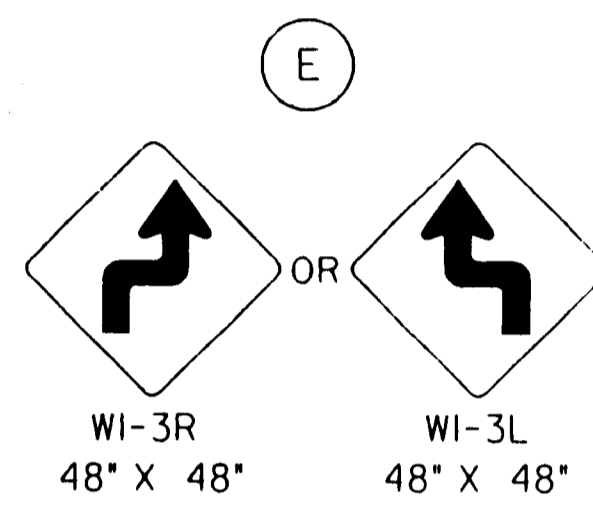
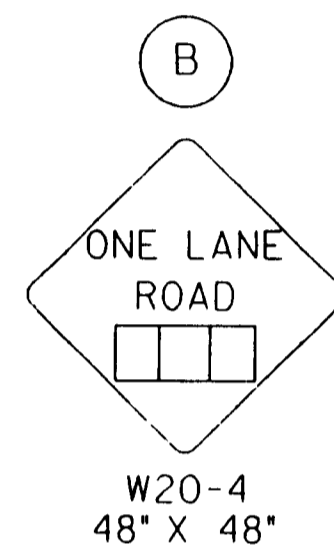
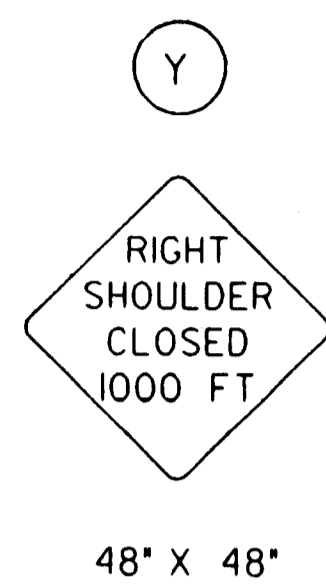
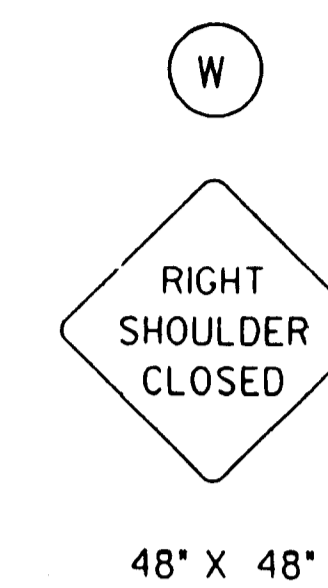
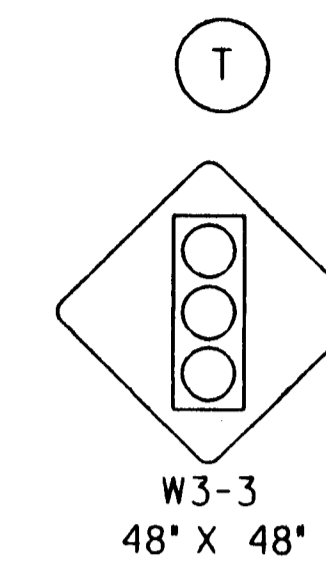
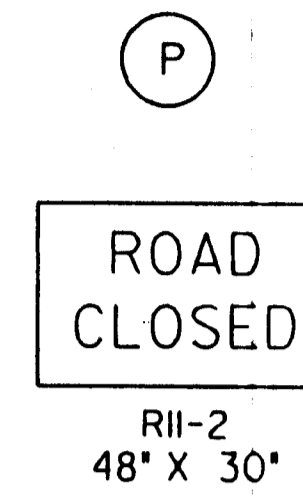
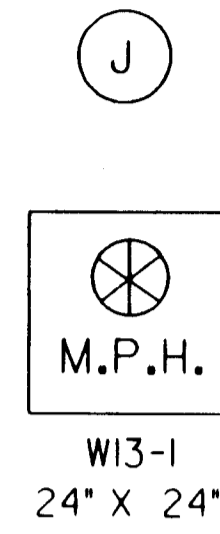
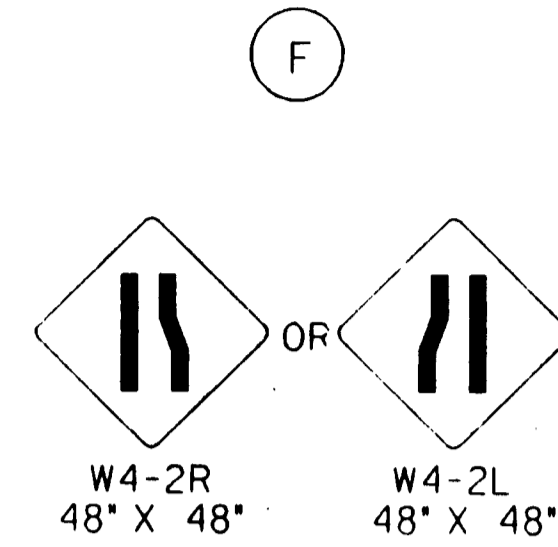
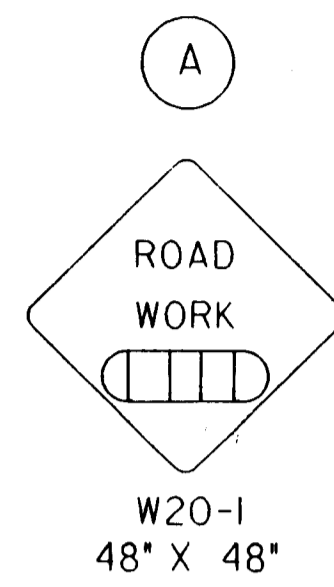
SHEET 26



KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 434+00 TO STA. 450+00
PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LME
DRAWN BY: SDW DATE: 9-6-96 SHEET 26 OF 33



- ▬▬▬ AHEAD, 1500 FT or 1 MILE
- ▬▬▬ AHEAD, 1000 FT, 1500 FT OR 1/2 MILE
- ⊕ RIGHT or LEFT
- ⊗ SPEED TO BE DETERMINED BY THE ENGINEER.

NOTE:

ALL DEVICES SHALL COMPLY WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. WHENEVER THIS STANDARD CONFLICTS WITH THE MANUAL, THIS STANDARD SHALL GOVERN.

EXCEPT FOR M-SIGNS USED IN ROUTE MARKER ASSEMBLIES AND AS OTHERWISE NOTED, ALL SIGNS SHALL BE FULLY RETROREFLECTORIZED WITH TYPE II HIGH PERFORMANCE SHEETING.

BY JULY 1, 1996, ALL SIGNS NOW REQUIRING TYPE II HIGH PERFORMANCE ORANGE SHEETING SHALL BE REPLACED WITH SIGNS RETROREFLECTORIZED WITH FLUORESCENT ORANGE PRISMATIC GRADE RETROREFLECTIVE SHEETING.

NOTE:

SIGN (R) IS TO BE USED IF THE WORK AREA EXCEEDS TWO MILES. THE MILEAGE SHOWN * SHALL BE TO THE NEAREST WHOLE MILE.

FOR SPEEDS OF 30 MPH OR LESS, SIGN (E) WILL BE A W1-3. FOR SPEEDS ABOVE 30 MPH, THE W1-4 SIGN WILL BE USED.

SIGNS (K), (L), (M) AND (D) ARE TO BE 48" X 60" WHEN USED ON INTERSTATE, FREEWAY OR EXPRESSWAY ROUTES.

SIGNS (K) AND (L) SHOULD BE USED ONLY IF THE ENGINEER DETERMINES THAT A REDUCED SPEED IS REQUIRED THROUGHOUT THE PROJECT.

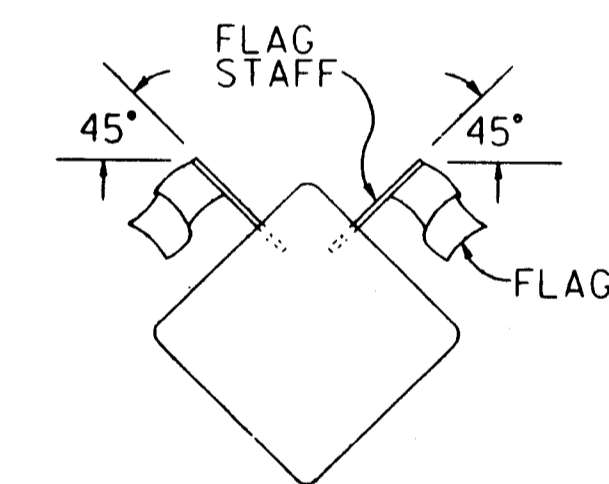
SIGN (K) SHALL BE INSTALLED THROUGHOUT THE LENGTH OF THE PROJECT AS DIRECTED BY THE ENGINEER, AND BE PAID FOR AT THE "EACH PER DAY" BID FOR THE SIZE OF SIGN USED.

WHERE THE ROAD IS OPEN BEYOND THE POINT OF CLOSURE, EITHER THE R11-3, ROAD CLOSED () MILES AHEAD LOCAL TRAFFIC ONLY SIGN, OR THE R11-4, ROAD CLOSED TO THRU TRAFFIC SIGN, SHOULD BE SUBSTITUTED FOR SIGN (P).

SIGN (S) SHOULD BE PLACED 500 FEET FROM THE END OF THE ACTUAL WORK AREA, AND NOT NECESSARILY AT THE EXTREME LIMITS OF THE PROJECT.

SIGN (J) IS TO BE ELIMINATED IF THE ADVISORY SPEED IS WITHIN 5 MPH OF THE SPEED LIMIT.

WHERE TWO WORK AREAS ARE LESS THAN TWO MILES APART, THE (S) SIGN FOR THE FIRST WORK AREA AND THE (A) SIGN FOR THE SECOND WORK AREA SHOULD BE ELIMINATED.

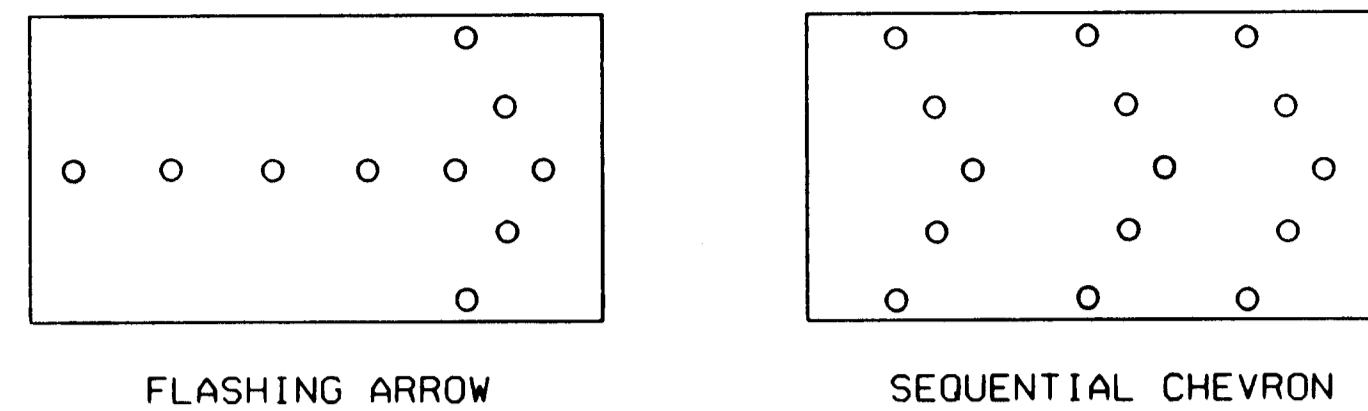


TWO (2) 18" X 18" FLUORESCENT RED-ORANGE FLAGS ARE TO BE ATTACHED IN THE POSITION SHOWN ON SIGNS (B), (C), (D), (E), (F) AND (U). THE FLAGS AND STAFFS ARE TO BE ATTACHED IN SUCH A MANNER THAT THE SIGN FACE WILL NOT BE OBSCURED. THE FLAGS MAY BE EITHER A CLOTH OR VINYL MATERIAL. THE FLAGS SHALL BE SUBSIDIARY TO THE WARNING SIGN BID ITEMS.

3	1/4/95	ADDED TO SIGN PLACEMENT NOTES	RM	NAB
2	12/21/94	"WORK AREA" AND PRISMATIC NOTES	RM	NAB
1	5/23/94	1994 MUTCD REVISIONS	WPR	NAB
NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION				
TYPICAL TRAFFIC CONTROL SIGNS				
TE755		10/13/93		
FHWA APPROVAL	DESIGNED	DETAILED	KDS	APP'D
DESIGN CR.	DETAIL CR.	QUANTITIES	QUANT. CR.	TRACE CR.
				MELBA A BUCKLEY

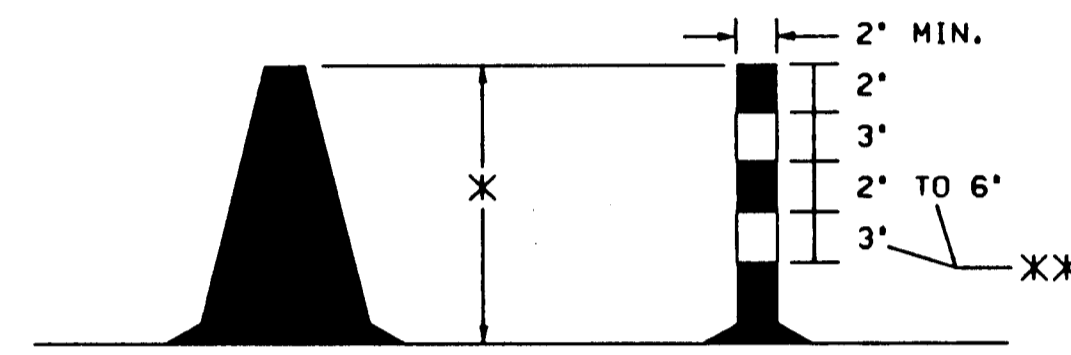
ARROW DISPLAY



FLASHING ARROW

SEQUENTIAL CHEVRON

ARROW DISPLAY ELEMENTS SHALL BE CAPABLE OF A MINIMUM 50 PERCENT DIMMING FROM THEIR FULL-RATED LAMP VOLTAGE. FULL LAMP VOLTAGE SHOULD BE USED FOR DAY AND DIMMED MODE SHALL BE USED FOR NIGHT.



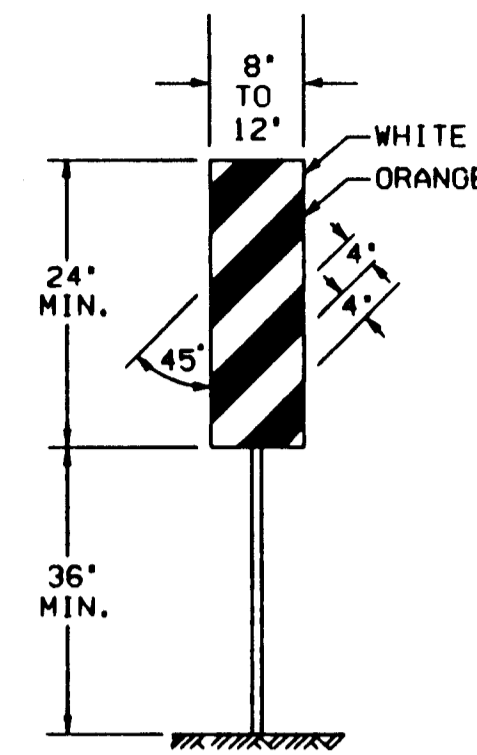
ORANGE CONES TUBULAR MARKERS

X CONES AND TUBULAR MARKERS SHALL HAVE A MINIMUM HEIGHT OF 28" WHEN USED ON 45 MPH OR GREATER ROADWAYS. THE MINIMUM HEIGHT MAY BE REDUCED TO 18" ON ROADWAYS OF 40 MPH AND LOWER.

XX FOR 28" TUBULAR MARKERS

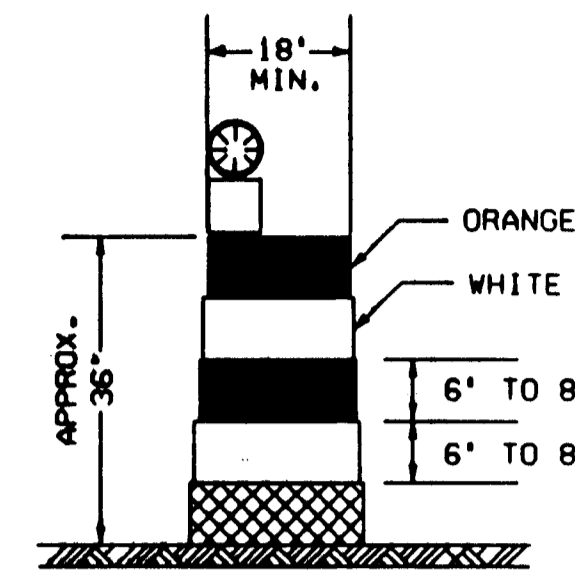
TRAFFIC CONES MAY BE USED FOR DAYTIME OPERATIONS ONLY. IN CERTAIN SITUATIONS, SUCH AS OPEN TRENCHES, THE ENGINEER MAY REQUIRE THAT CONES BE SUPPLEMENTED BY OTHER TRAFFIC CONTROL DEVICES.

VERTICAL PANEL



THE ENTIRE AREA OF VERTICAL PANELS SHALL BE FULLY REFLECTORIZED WITH TYPE II HIGH PERFORMANCE REFLECTIVE SHEETING. VERTICAL PANELS USED ON ROADWAYS WITH A SPEED LIMIT OF 45 MPH OR GREATER SHALL HAVE A MINIMUM OF 270 SQUARE INCHES OF RETROREFLECTIVE AREA FACING TRAFFIC.

NON-METALLIC REFLECTORIZED DRUM WITH LIGHT



DRUMS SHALL BE REFLECTORIZED FULL CIRCUMFERENCE WITH AT LEAST TWO ORANGE AND TWO WHITE 6' TO 8' WIDE STRIPES OF TYPE II HIGH PERFORMANCE REFLECTIVE SHEETING. ADDITIONAL ORANGE AND WHITE STRIPES MAY BE NON-REFLECTORIZED. IF THERE ARE NON-REFLECTIVE SPACES BETWEEN ADJACENT STRIPES, THEY SHALL BE NO MORE THAN 2' WIDE.

WARNING LIGHTS

WARNING LIGHTS SHALL COMPLY WITH THE CURRENT ITE PURCHASE SPECIFICATIONS FOR FLASHING AND STEADY BURN WARNING LIGHTS. THE LENS SHALL BE A MINIMUM OF 7" IN DIAMETER AND BE MOUNTED AT A MINIMUM HEIGHT OF 30 INCHES.

WARNING LIGHTS USED ON INDIVIDUAL CHANNELIZING DEVICES SHALL BE TYPE A FLASHING. THOSE USED ON DEVICES PLACED IN SERIES SHALL BE TYPE C STEADY BURN, WITH THE EXCEPTION THAT WARNING LIGHTS ARE NOT TO BE USED ON REFLECTORIZED DRUMS PLACED IN SERIES.

TYPE B HIGH INTENSITY LIGHTS ARE TO BE USED ON CONSTRUCTION WARNING SIGNS AS DIRECTED BY THE ENGINEER.

TYPE A LOW INTENSITY FLASHING WARNING LIGHTS AND TYPE C STEADY BURN WARNING LIGHTS SHALL BE MAINTAINED SO AS TO BE CAPABLE OF BEING VISIBLE ON A CLEAR NIGHT FROM A DISTANCE OF 3,000 FEET. TYPE B HIGH INTENSITY FLASHING WARNING LIGHTS SHALL BE MAINTAINED SO AS TO BE CAPABLE OF BEING VISIBLE ON A SUNNY DAY FROM A DISTANCE OF 1000 FEET WHEN VIEWED WITHOUT THE SUN DIRECTLY ON OR BEHIND THE DEVICE.

NOTE:

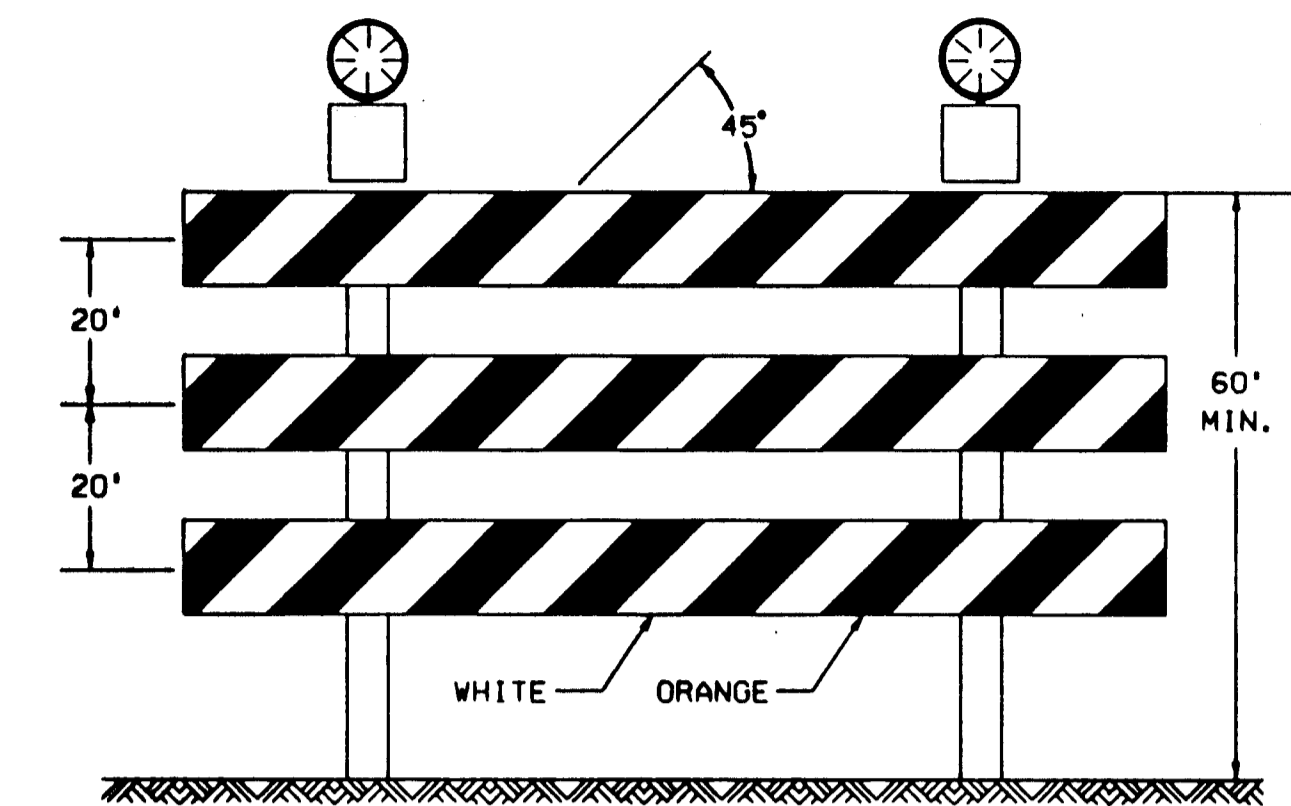
ALL TRAFFIC CONTROL DEVICES, THEIR INSTALLATION AND MAINTENANCE SHALL COMPLY WITH THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. WHENEVER THIS STANDARD CONFLICTS WITH THE MANUAL, THIS STANDARD SHALL GOVERN.

CHANNELIZING DEVICES SHALL BE PLACED FOR OPTIMUM VISIBILITY, NORMALLY AT RIGHT ANGLES TO THE TRAFFIC FLOW.

CHANNELIZING DEVICES PLACED ALONG SHOULDER EDGES OR IN DROPOFFS SHALL HAVE A MINIMUM OF 24" FROM THE TOP OF THE CHANNELIZING DEVICE TO THE TOP OF THE PAVEMENT.

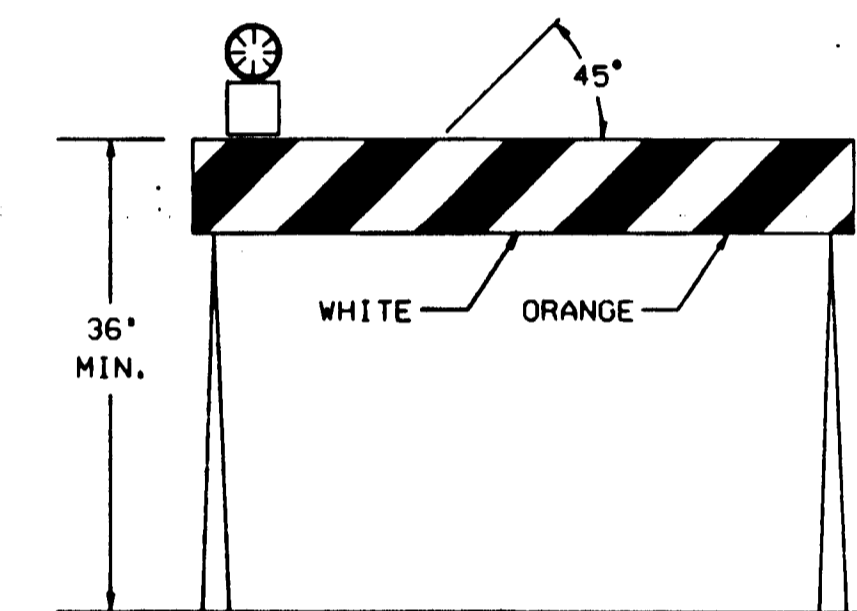
WHERE PERMANENT OBJECT MARKERS ARE NOT ALREADY IN PLACE, ORANGE AND WHITE VERTICAL PANELS SHALL BE ERECTED TO DELINEATE EXPOSED BRIDGE ENDS.

THE FIRST MODULE OF EACH INERTIAL BARRIER SYSTEM SHALL HAVE A MINIMUM OF 270 SQUARE INCHES OF TYPE II HIGH PERFORMANCE ORANGE RETROREFLECTIVE SHEETING FACING TRAFFIC. EITHER A VERTICALLY RECTANGULAR OR DIAMOND SHAPE MAY BE USED.

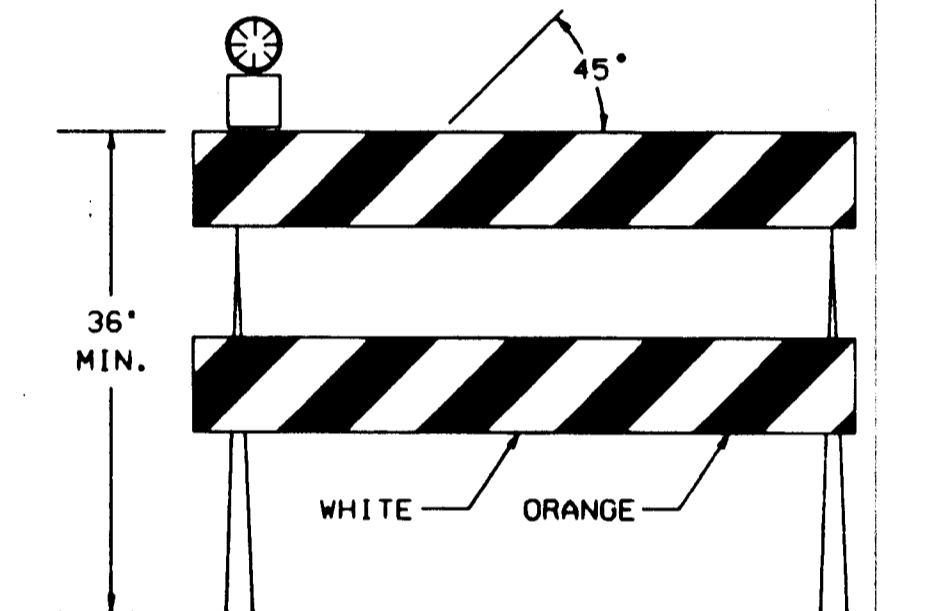


TYPE III BARRICADE WITH LIGHTS

A MINIMUM OF TWO TYPE A LIGHTS SHALL BE USED AT EACH LOCATION WHERE A TYPE III BARRICADE OR BARRICADES ARE USED. A LIGHT SHALL BE MOUNTED ON THE OUTSIDE CORNER OF THE END BARRICADES WHEN MORE THAN ONE IS USED.



TYPE I BARRICADE WITH LIGHT



TYPE II BARRICADE WITH LIGHT

BARRICADES

	TYPE I	TYPE II	TYPE III
WIDTH OF RAIL	8' MIN-12' MAX	8' MIN-12' MAX	8' MIN-12' MAX
LENGTH OF RAIL	2 FT. MIN	2 FT. MIN	4 FT. MIN
WIDTH OF STRIPES	6 IN.	6 IN.	6 IN.
HEIGHT	3 FT. MIN	3 FT. MIN	5 FT. MIN
NO. OF REFL. RAIL FACES	2 (ONE EACH DIRECTION)	4 (TWO EACH DIRECTION)	X

X 3 IF FACING TRAFFIC IN ONE DIRECTION, 6 IF BOTH DIRECTIONS.

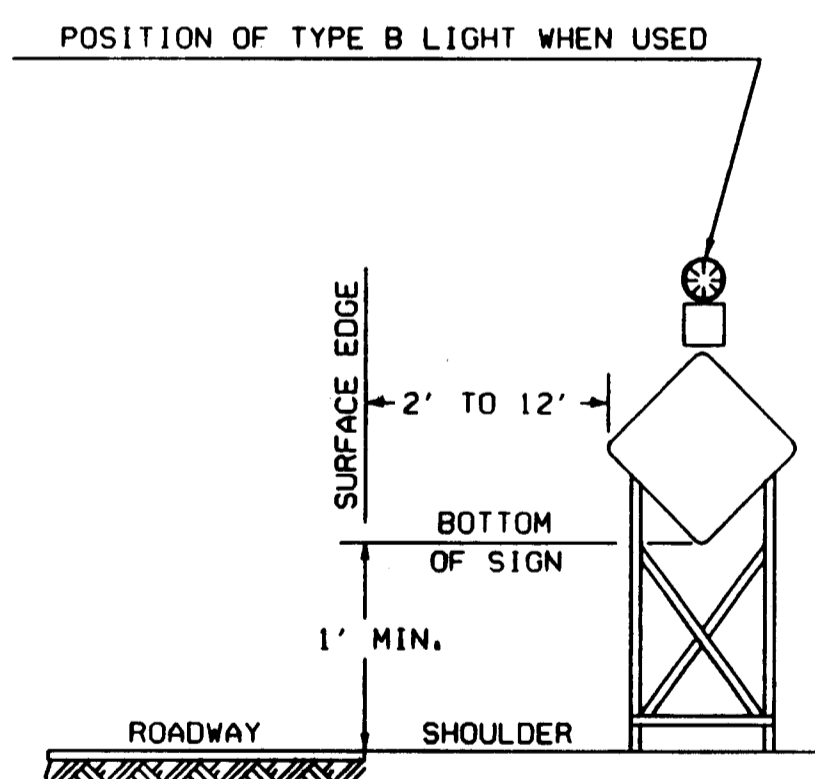
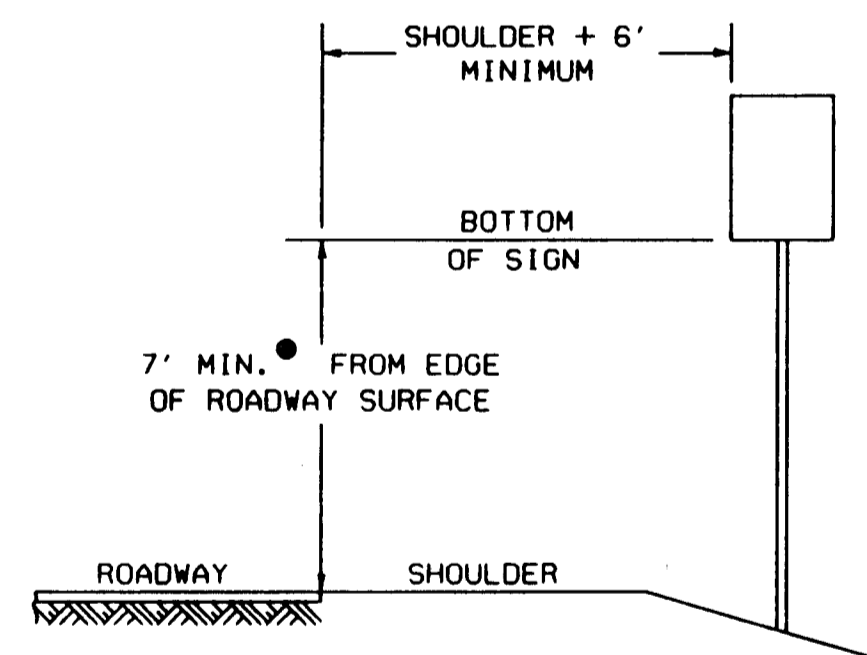
FOR WOODEN BARRICADES, NOMINAL LUMBER DIMENSIONS WILL BE SATISFACTORY.

FOR RAILS LESS THAN THREE FEET LONG, FOUR INCH WIDE STRIPES MAY BE USED.

THE ENTIRE AREA OF BARRICADE RAILS SHALL BE FULLY REFLECTORIZED WITH TYPE II HIGH PERFORMANCE REFLECTIVE SHEETING.

BARRICADES USED ON ROADWAYS WITH SPEED LIMITS OF 45 MPH OR MORE SHALL HAVE A MINIMUM OF 270 SQUARE INCHES OF RETROREFLECTIVE AREA FACING TRAFFIC.

THE STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION, AND TOWARD THE CENTER OF THE ROADWAY AT ROAD CLOSURES.

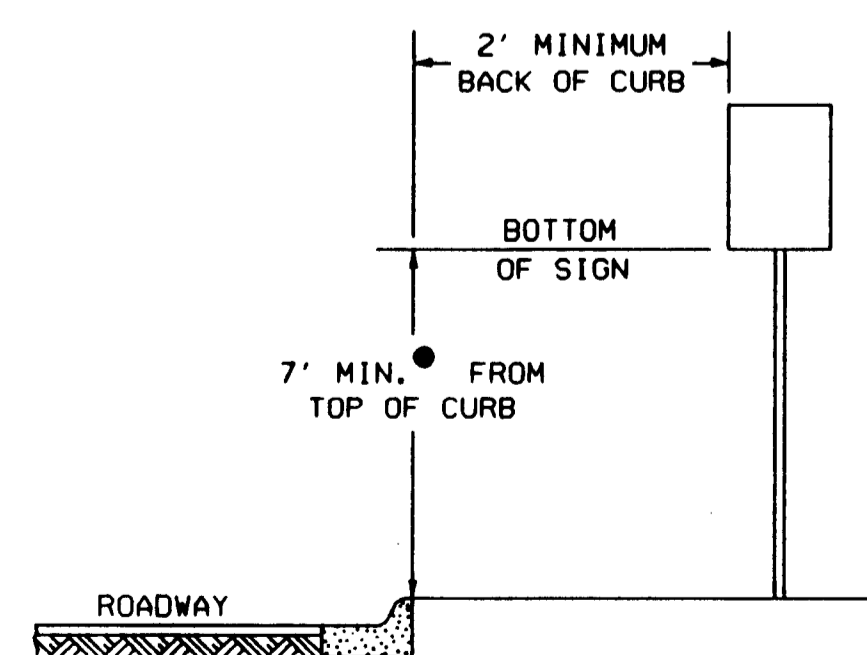


HEIGHT AND LATERAL DIMENSIONS FOR SIGNS MOUNTED ON SKIDS OR OTHER MOVABLE MOUNTS

SUPPORTS USED FOR MOUNTING SIGNS OR DEVICES FOR TEMPORARY CONDITIONS SHALL BE CONSTRUCTED TO YIELD UPON IMPACT. ADDITIONAL SUPPORTS MAY BE PLACED ON THE BACK SIDE OF SIGNS IN THE FORM OF BRACING FOR RESISTING WIND CURRENTS. GUY WIRES AND TIE-DOWNS WILL NOT BE ALLOWED.

SIGNS MOUNTED ON TYPE III BARRICADES SHOULD NOT COVER MORE THAN 50 PERCENT OF THE TOP TWO RAILS OR 33 PERCENT OF THE TOTAL AREA OF THE THREE RAILS.

THE HEIGHT TO THE BOTTOM OF A SECONDARY SIGN MOUNTED BELOW ANOTHER SIGN MAY BE 6 FEET.



HEIGHT AND LATERAL DIMENSIONS FOR POST MOUNTED SIGNS (ALL SIGNS LEFT IN PLACE OVERNIGHT OR LONGER)

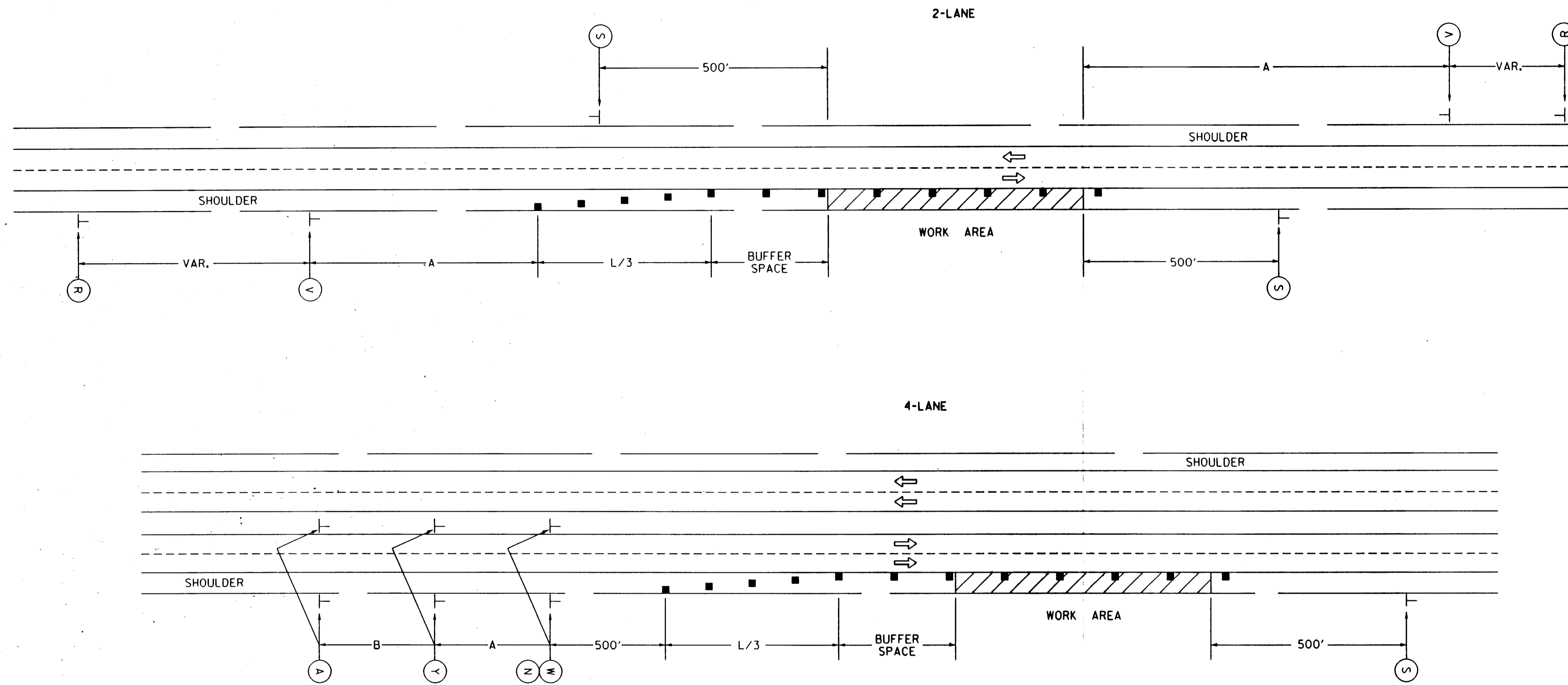
3					
2					
1	5/23/94	1994 MUTCD REVISIONS	WPR	HAB	
NO.	DATE	REVISIONS	BY	APP'D	

KANSAS DEPARTMENT OF TRANSPORTATION
DESIGN DETAILS FOR
BARRICADES, CHANNELIZING DEVICES
AND SIGN MOUNTING LOCATIONS
TE752 10/13/93

FHWA Approval	5-9-94	APP'D	Nelda A. Buckley
DESIGNED	PR	DETAILED	PR
QUANTITIES	TRACED	DESIGN	CL. AFT
DETAIL	CL. AFT	QUANT.	CL.

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	235-87 TE-0072-01 TE 1 235-1(190) 6	1997	20	20

REFER TO STD. TE755 FOR IDENTIFICATION OF SIGNS FOR HANDLING TRAFFIC THROUGH CONSTRUCTION.
REFER TO STD. TE735 FOR DIMENSIONS.
■ = CHANNELIZING DEVICES



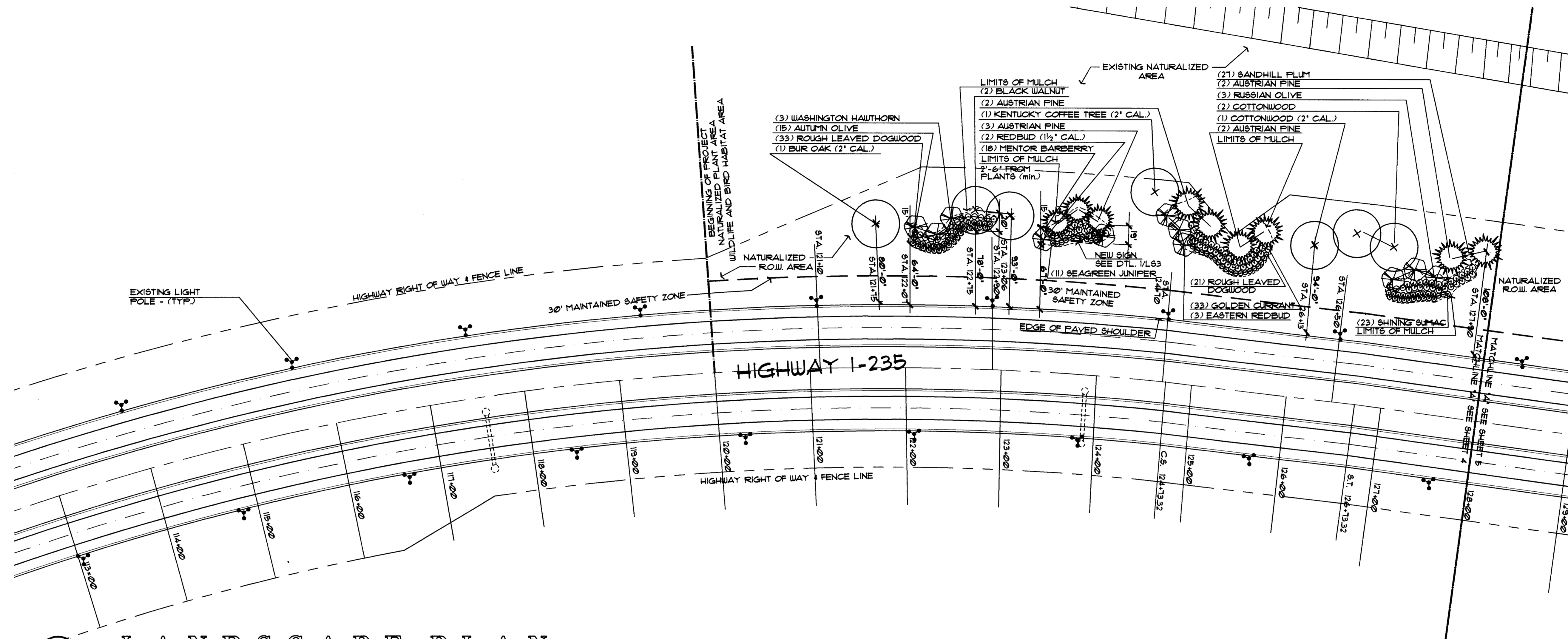
LEFT-SIDE SIGNS SHALL BE OMITTED FOR A FOUR-LANE UNDIVIDED HIGHWAY.

FOR OPERATIONS OF 60 MINUTES OR LESS, ALL SIGNS AND CHANNELIZING DEVICES MAY BE ELIMINATED IF A VEHICLE WITH AN ACTIVATED FLASHING OR REVOLVING YELLOW LIGHT IS USED.

3					
2					
1	5/23/94	1994 MUTCD REVISIONS	WPR	NAB	
NO.	DATE	REVISIONS	BY	APP'D	

KANSAS DEPARTMENT OF TRANSPORTATION
TYPICAL TRAFFIC CONTROL
SHOULDER WORK
PAVED SHOULDER WIDTH EIGHT FEET OR MORE
TE742 10/13/93

DESIGNED	5-9-94	APP'D	Nevo A. Buckley
DESIGN CK.	DETAILED	QUANTITIES	TRACED
	DETAL CK.	QUAM. CK.	TRACE CK.



LANDSCAPE PLAN
SCALE: 1" = 60'-0"

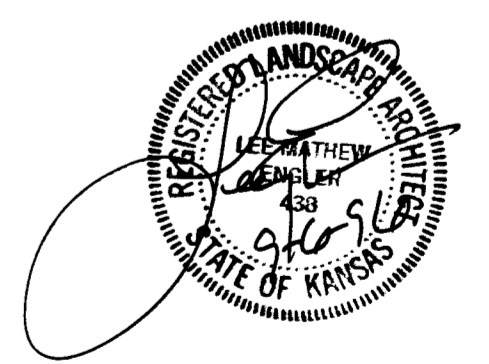
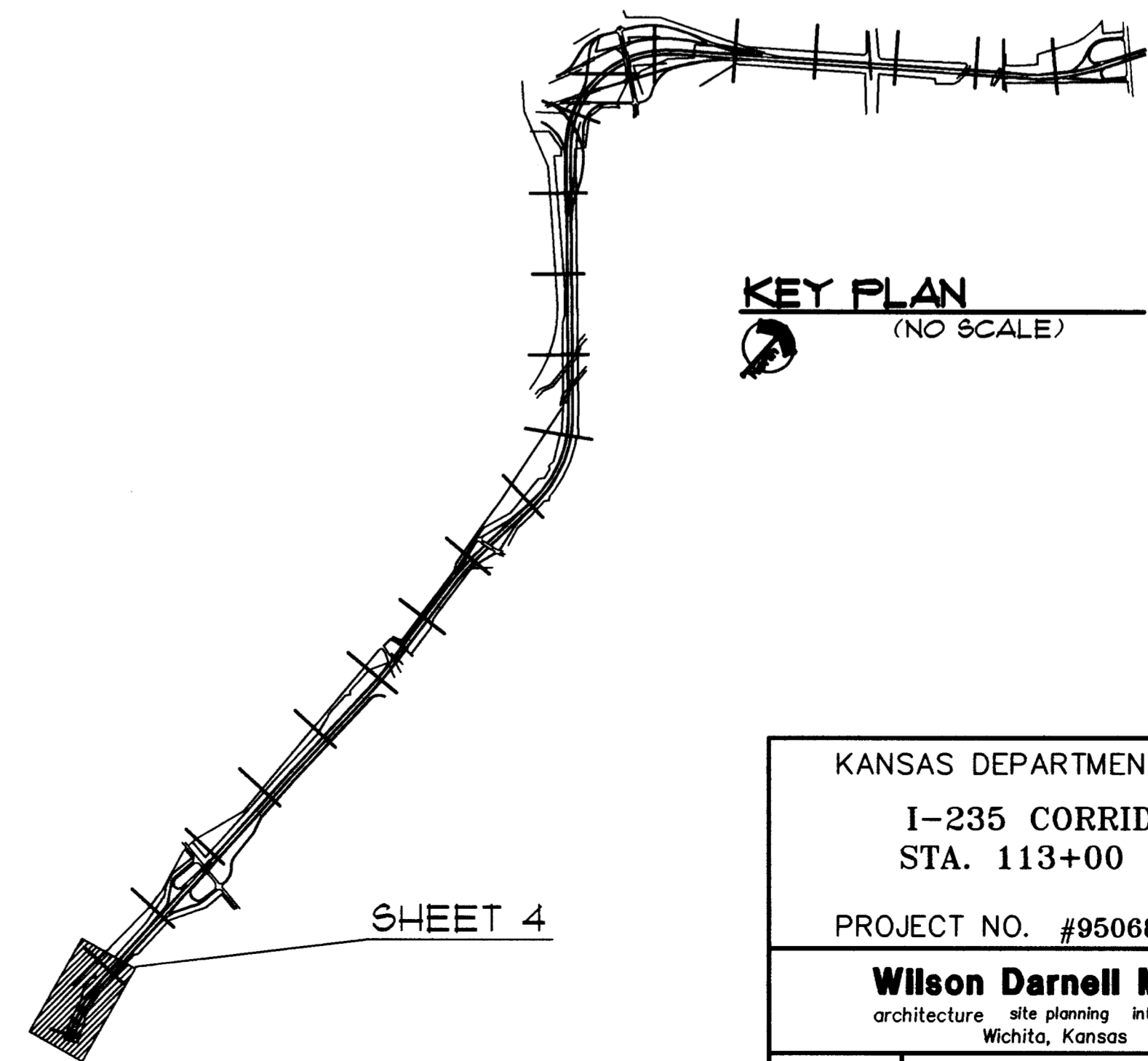
PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
2	BLACK WALNUT	JUGLANS NIGRA	30'-36' HT.	B 4 B	
1	COTTONWOOD	POPULUS DELTOIDES var. COTTONLESS	2' CAL.	B 4 B	4' BRANCH HT.
2	COTTONWOOD	POPULUS DELTOIDES var. COTTONLESS	6' HT.	B 4 B	
1	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B 4 B	
1	KENTUCKY COFFEE TREE	GYMNOCLADUS DIOECUS	1 1/2' CAL.	B 4 B	4' BRANCH HT.
ORNAMENTAL TREE					
2	EASTERN REDBUD	CERCIS CANADENSIS	1 1/2' CAL.	B 4 B	
3	EASTERN REDBUD	CERCIS CANADENSIS	6' HT.	B 4 B	
3	RUSSIAN OLIVE	ELEAGNUS ANGUSTIFOLIA	6' HT.	B 4 B	
3	WASHINGTON HAWTHORN	CRATAEGUS PHAENOXYTRUM	6' HT.	B 4 B	
EVERGREEN TREE					
3	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B 4 B	REMOVE LOWEST WHORL
6	AUSTRIAN PINE	PINUS NIGRA	4' HT.	B 4 B	
SHRUBS					
54	ROUGH LEAVED DOGWOOD	CORNUS DRUMMONDI	3/5 GAL/18' HT.	CONT.	5' O.C. SPACING
21	SANDHILL FLUM	FRAXINUS ANGUSTIFOLIA	3/5 GAL/18' HT.	CONT.	5' O.C. SPACING
18	MENTOR BARBERRY	BERBERIS MENTORENSIS	3/5 GAL/18' HT.	CONT.	5' O.C. SPACING
23	SHINING SUMAC	RHUS COPALLINA	3/5 GAL/18' HT.	CONT.	5' O.C. SPACING
15	AUTUMN OLIVE	ELEAGNUS UMBELLATA	3/5 GAL/18' HT.	CONT.	5' O.C. SPACING
33	GOLDEN CURRANT	RIBES ODORATUM	3/5 GAL/18' HT.	CONT.	5' O.C. SPACING
EVERGREEN SHRUBS					
11	CHINESE JUNIPER 'SEAGREEN'	JUNIPERUS CHINENSIS 'SEAGREEN'	3/5 GAL/18' SFR.	CONT.	5' O.C. SPACING

GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- LIMITS OF NATURALIZED AREA
- LIMITS OF MULCH
- MATCHLINE
- EXISTING LIGHT POLE
- NEW SIGN

KEY PLAN
(NO SCALE)



KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 113+00 TO STA. 128+00
PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LME
DRAWN BY: SDW DATE: 9-6-98 SHEET 4 OF 33

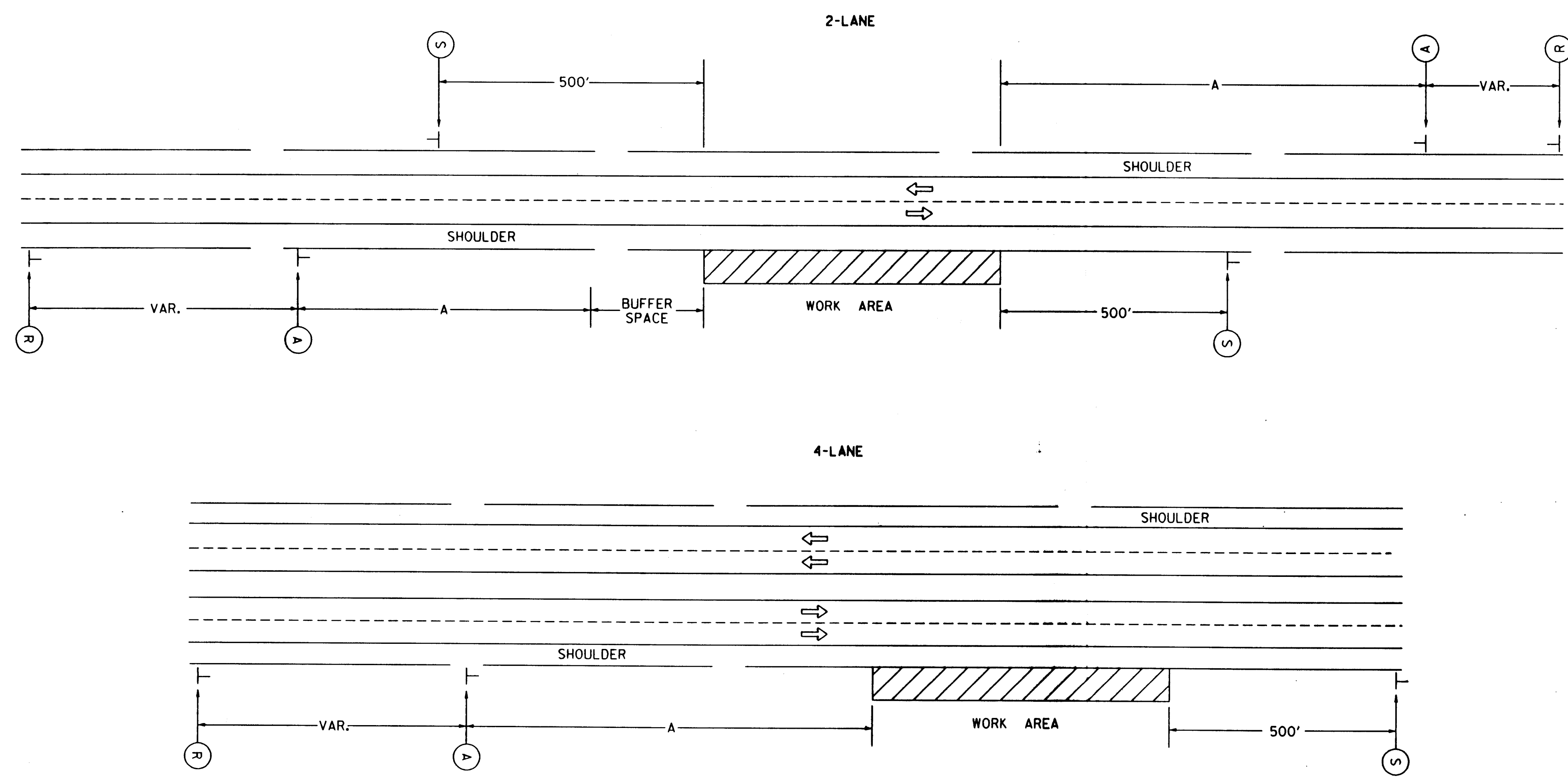
UTILITY OWNERS
KANSAS DEPARTMENT OF TRANSPORTATION (316) 744-1271

NOTE:
ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING THE PAVED SHOULDER, PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSION ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.

2/31/95 P: 95068 FINISHED 5068LST

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	235-B1 TE-0072-01 TEA 1 2005-KMO 6	97	21	20

REFER TO STD. TE755 FOR IDENTIFICATION OF SIGNS FOR HANDLING TRAFFIC THROUGH CONSTRUCTION.
REFER TO STD. TE735 FOR DIMENSIONS.



NOTE:
CHANNELIZING DEVICES SHALL BE PLACED ALONG THE TRAFFIC SIDE OF THE WORK AREA WHEN THE WORK AREA IS WITHIN THE CLEAR ZONE.

NO SIGNING IS REQUIRED IF EITHER CONDITION EXISTS:
1) WORK IS NOT LEFT OVERNIGHT AND A VEHICLE WITH AN ACTIVATED FLASHING OR REVOLVING YELLOW LIGHT IS USED, OR
2) THE WORK IS OUTSIDE THE CLEAR ZONE.

NO.	DATE	REVISIONS	BY	APP'D
1	5/23/94	1994 MUTCD REVISIONS	WPR	NAB

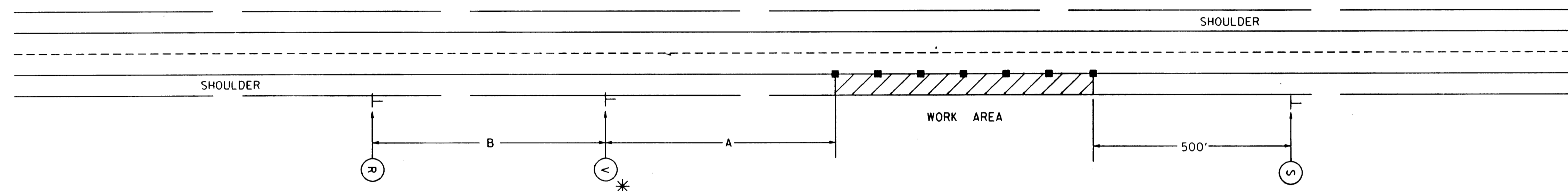
KANSAS DEPARTMENT OF TRANSPORTATION
TYPICAL TRAFFIC CONTROL
OFF SHOULDER WORK

TE741 10/13/93

DESIGNED	5-3-94	APP'D	Waldo A. Buckley
DESIGN CK.	DETAIL CK.	QUANT. CK.	TRACE CK.

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	225-B7 TR-0012-01 TEA 1 225-1(190)6	1997	22	22

REFER TO STD. TE755 FOR IDENTIFICATION OF SIGNS FOR HANDLING TRAFFIC THROUGH CONSTRUCTION.
REFER TO STD. TE735 FOR DIMENSIONS.
■ = CHANNELIZING DEVICES



* PLACE ON LEFT SIDE IF WORK IS ON THE LEFT SHOULDER

NOTE: FOR OPERATIONS OF 60 MINUTES OR LESS, ALL SIGNS AND CHANNELIZING DEVICES MAY BE ELIMINATED IF A VEHICLE WITH AN ACTIVATED FLASHING OR REVOLVING YELLOW LIGHT IS USED.

3					
2					
1					
NO.	DATE	REVISIONS	BY	APP'D	
KANSAS DEPARTMENT OF TRANSPORTATION TYPICAL TRAFFIC CONTROL SHOULDER WORK SHOULDER LESS THAN EIGHT FEET TE740 1/5/95					
FHWA APPROVAL		1-17-95	APP'D	Nelda A. Buckley	
DESIGNED	DETAILED	QUANTITIES	TRACED		
DESIGN CK.	DETAL. CK.	QUAN. CK.	TRACE CK.		

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	225-87 TE-0072-01 TEA 1 225-1(190)6	1997	33	33

GENERAL NOTES

1. CHANNELIZING DEVICES: "DEVICES" INCLUDES BUT IS NOT LIMITED TO BARRICADES, BARRIERS, CONES, DRUMS AND VERTICAL PANELS.

(A) THE MAXIMUM SPACING BETWEEN DEVICES IN THE TAPER SHOULD NOT EXCEED A DISTANCE IN FEET EQUAL TO THE EXISTING SPEED LIMIT (IN MPH) PRIOR TO WORK.

(B) THE SPACING BETWEEN DEVICES IN THE WORK ZONE SHOULD NOT EXCEED A DISTANCE IN FEET OF TWO TIMES THE POSTED SPEED.

(C) WHERE EXISTING CONDITIONS WARRANT, THE ENGINEER MAY REQUIRE A DECREASE IN THE SPACING STIPULATED ABOVE. WHEN TRAFFIC CONTROL IS BID LUMP SUM, ADDITIONAL DEVICES AND WARNING LIGHTS WILL BE PAID FOR AS EXTRA WORK.

(D) TRAFFIC CONES MAY BE UTILIZED AS CHANNELIZING DEVICES FOR DAY-TIME TRAFFIC CONTROL OPERATIONS. THE ENGINEER MAY REQUIRE THAT CONES BE SUPPLEMENTED BY OTHER TRAFFIC CONTROL DEVICES IN CERTAIN SITUATIONS SUCH AS OPEN TRENCHES.

2. COVERING OF SIGNS NOT IN USE:

WHEN NO WORK IS IN PROGRESS NOR IS ANY EXPECTED TO BE FOR AN EXTENDED PERIOD OF TIME, AND THE ROADWAY IS UNRESTRICTED TO THE TRAVELING PUBLIC, TRAFFIC CONTROL SIGNS SHALL BE REMOVED OR COMPLETELY COVERED WITH ADEQUATE OPAQUE WATERPROOF MATERIAL. TAPE SHALL NOT BE APPLIED TO THE FACE OF A SIGN.

3. CLEAR ZONE:

WHENEVER PRACTICAL, ALL CONSTRUCTION EQUIPMENT, MATERIALS, AND DEBRIS SHALL BE STORED OUT OF THE CLEAR ZONE. WHERE THIS CANNOT BE ACHIEVED, THE CONTRACTOR SHALL PLACE APPROPRIATE SIGNS AND/OR BARRICADES AS DESIGNATED BY THE ENGINEER. TRAFFIC CONTROL DEVICES NEEDED FOR THIS CONDITION SHALL BE CONSIDERED SUBSIDIARY TO OTHER BID ITEMS.

4. MAINTENANCE:

THE CONTRACTOR SHALL MAINTAIN ALL SIGNS AND DEVICES IN THEIR PROPER POSITION AND CLEAN AND/OR REPLACE ANY DAMAGED OR ILLEGIBLE SIGN OR DEVICE AS DIRECTED BY THE ENGINEER.

5. TAPER FORMULAS:

$L = SXW$ FOR SPEEDS OF 45 MPH OR MORE

$L = WS^2/60$ FOR SPEEDS OF 40 MPH OR LESS

WHERE: L = MINIMUM LENGTH OF TAPER IN FEET

S = NUMERICAL VALUE OF POSTED SPEED PRIOR TO WORK IN MPH

W = WIDTH OF OFFSET IN FEET

6. PAVEMENT MARKINGS:

(A) TYPE I TAPE IS TO BE APPLIED TO A FINAL SURFACE AS A TEMPORARY MARKING WHEN THE PATTERN OF THE PERMANENT MARKINGS WILL BE DIFFERENT THAN THE TEMPORARY MARKING.

TYPE II TAPE IS TO BE APPLIED TO A TEMPORARY SURFACE THAT IS TO BE REMOVED OR COVERED BY FUTURE CONSTRUCTION. TYPE II TAPE IS ALSO TO BE APPLIED TO A FINAL SURFACE WHERE IT IS KNOWN THERE WILL BE PERMANENT MARKINGS PLACED IN THE SAME PATTERN AS THE TEMPORARY TYPE II TAPE.

(B) ALL CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED AND ALL TRANSITION TAPERS, CROSSOVERS, AND EDGE LINES ALONG CHANNELIZING DEVICES SHALL BE MARKED WITH SOLID FOUR-INCH WIDE PAVEMENT MARKING TAPE WHEN THE WORK WILL OCCUPY A LOCATION MORE THAN THREE DAYS.

7. TEMPORARY AND POST MOUNTED SIGNS:

TRAFFIC CONTROL PLANS THAT ARE ANTICIPATED TO REMAIN IN PLACE DURING DAYLIGHT HOURS ONLY ARE CONSIDERED "TEMPORARY". TEMPORARY SIGNS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF ONE FOOT. TRAFFIC CONTROL PLANS OF LONGER DURATION WILL REQUIRE THAT ALL SIGNS BE POST MOUNTED AT A MINIMUM HEIGHT OF SEVEN FEET.

8. EXISTING SIGNS:

IF EXISTING SIGNS THAT ARE TO REMAIN (OR THAT ARE TO BE REMOVED AND RESET) INTERFERE WITH CONSTRUCTION WORK, THE CONTRACTOR SHALL REMOVE, STORE, AND RESET THE SIGNS. THIS SHALL BE SUBSIDIARY TO OTHER TRAFFIC CONTROL BID ITEMS.

9. CONFLICTING SIGNS:

ALL PERMANENT AND TEMPORARY SIGNING WHICH IS IN CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE REMOVED OR COVERED.

10. MINIMUM LANE WIDTHS:

LANE WIDTHS SHALL BE A MINIMUM OF 11 FEET (MEASURED BETWEEN CENTERLINES OF PAVEMENT MARKINGS), OR AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. A LANE WIDTH LESS THAN 11 FEET MAY REQUIRE RESTRICTED ROADWAY WIDTH SIGNING.

11. FLAGGERS:

A MINIMUM OF ONE FLAGGER SHALL BE STATIONED WITHIN EACH INTERSTATE WORK AREA WHERE WORK IS ADJACENT TO TRAFFIC.

SIGN SPACING (IN FEET):

	A	B	C
URBAN (40 MPH OR LOWER)	200	200	200
URBAN (45 MPH OR HIGHER)	350	350	350
RURAL	500	500	500
EXPRESSWAY/FREEWAY	1000	1600	2600

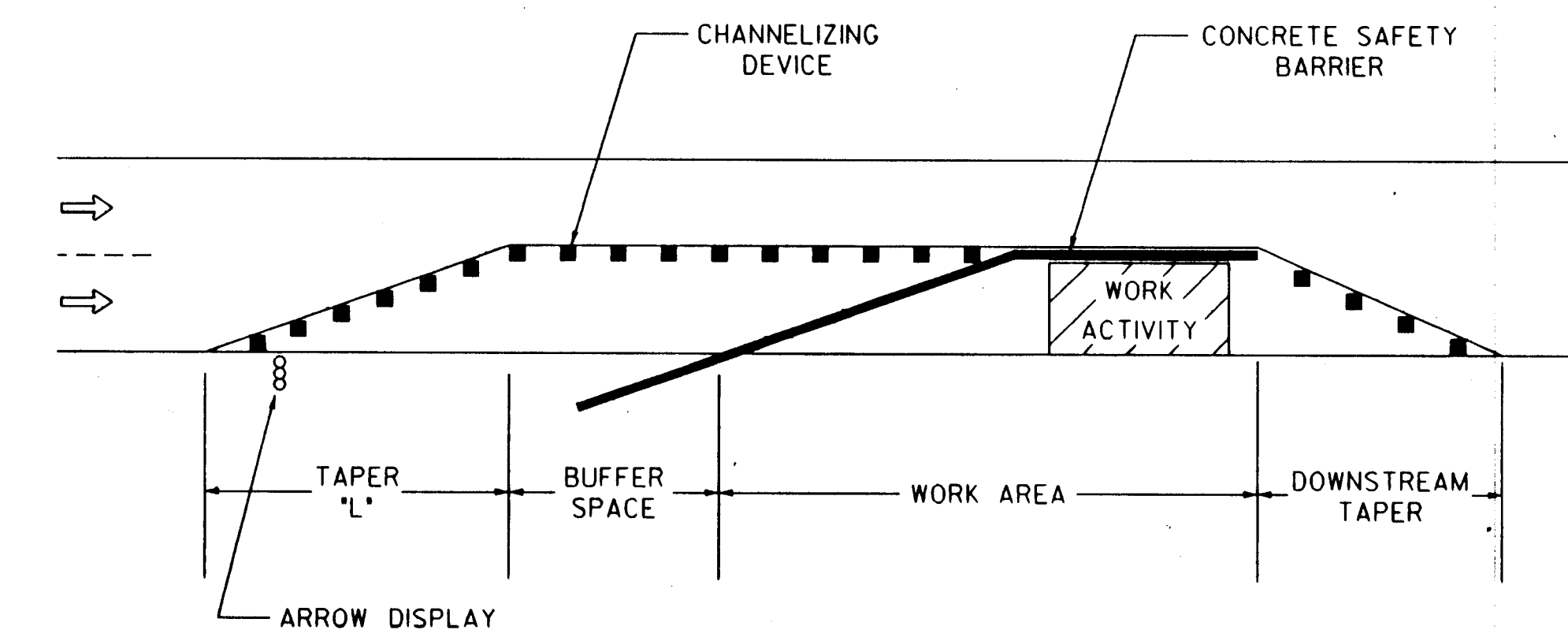
IN NO CASE SHALL THE SPACING BETWEEN SIGNS BE LESS THAN 100 FEET.

BUFFER SPACE:

SPEED (MPH)	20	25	30	35	40	45	50	55	60	65
LENGTH (FEET)	35	55	85	120	170	220	280	335	415	485

NEITHER WORK ACTIVITY NOR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR IN THE BUFFER SPACE. WHEN A PROTECTION VEHICLE IS PLACED IN ADVANCE OF THE WORK SPACE, ONLY THE SPACE UPSTREAM OF THE VEHICLE CONSTITUTES THE BUFFER SPACE.

IF TEMPORARY CONCRETE SAFETY BARRIER IS USED TO SEPARATE APPROACHING TRAFFIC FROM THE WORK ACTIVITY, THE BARRIER SHALL BE CONSIDERED PART OF THE WORK AREA. A FULL LANE WIDTH SHOULD BE AVAILABLE THROUGHOUT THE LENGTH OF THE BUFFER SPACE. FOR EXAMPLE:



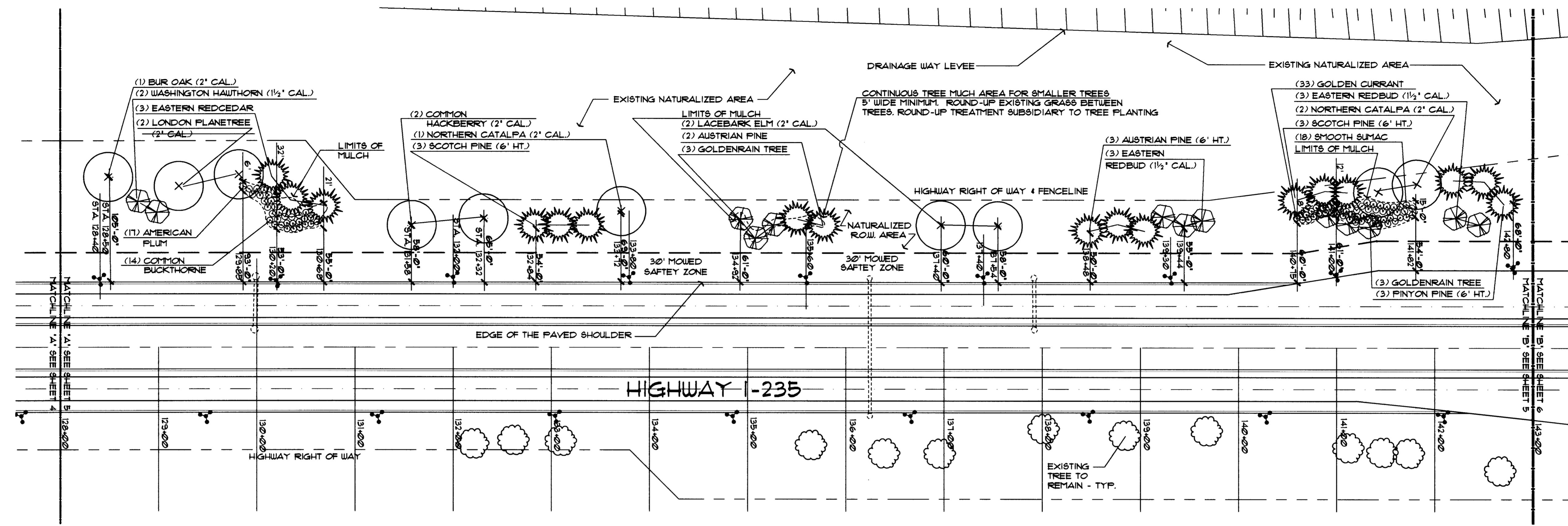
NO.	DATE	REVISIONS	BY	APP'D
3	1/4/95	ADDED FLAGGER NOTES	RM	NAB
2	7/8/94	REVERSE TYPE I AND TYPE II TAPE DESIGNATIONS	WPR	NAB
1	5/23/94	1994 MUTCD REVISIONS	WPR	NAB

KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
GENERAL NOTES

TE 735 10/13/93

DESIGNED	TRACED	1-17-95	APP'D	MELBA A. BUCKLEY
DESIGN CK.	DETAIL CK.	QUANTITIES	TRACE CK.	



LANDSCAPE PLAN

SCALE: 1" = 60'-0"

PLANT MATERIAL SCHEDULE

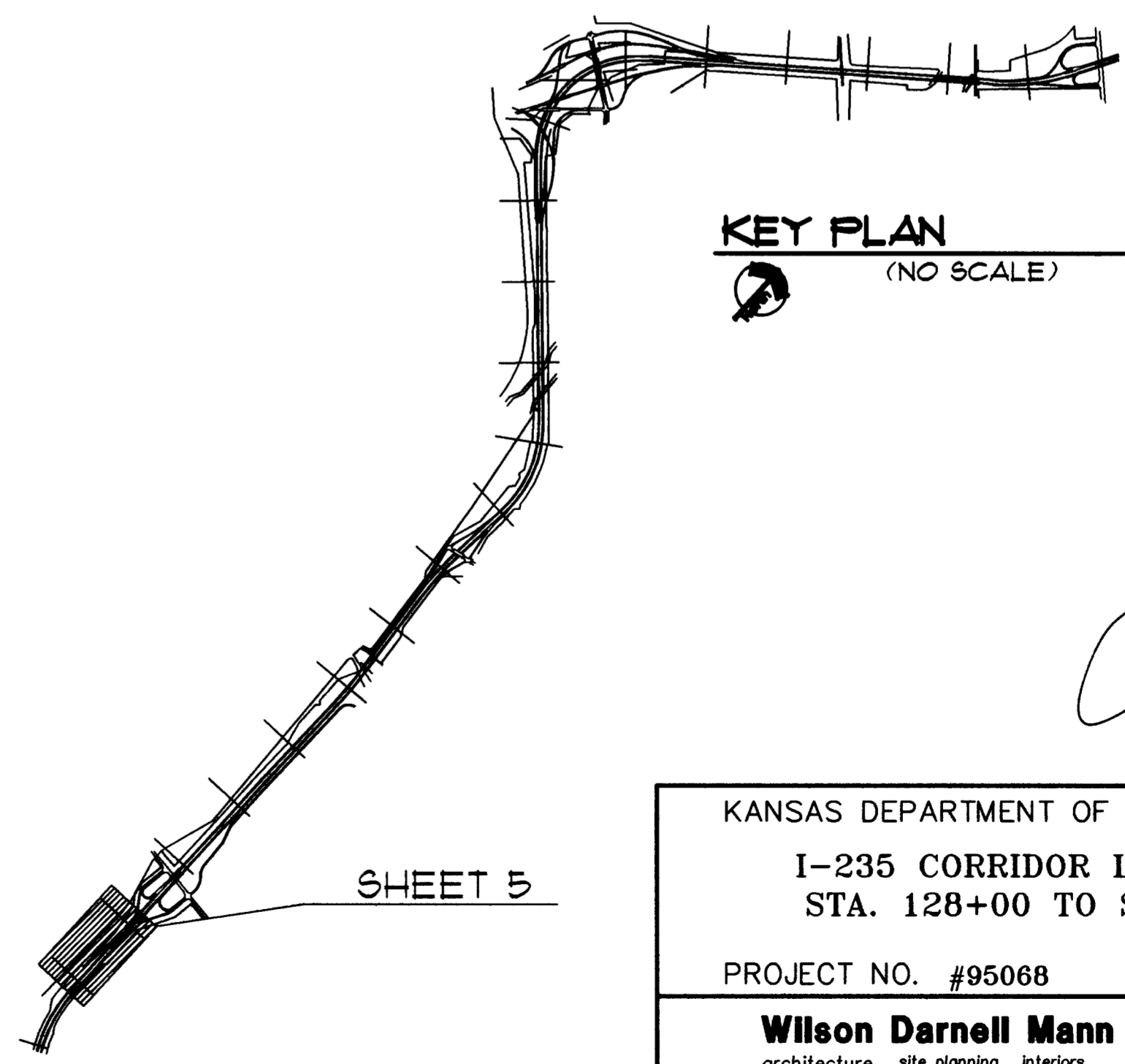
QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
3	NORTHERN CATALPA	CATALPA SPECIOSA	2' CAL.	B 4 B	4' BRANCH HT.
2	COMMON HACKBERRY	CELTIS OCCIDENTALIS	2' CAL.	B 4 B	4' BRANCH HT.
2	LONDON PLANETREE	PLATANUS X ACERIFOLIA	2' CAL.	B 4 B	
1	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B 4 B	
1	LACEBARK ELM	ULMUS PARVIFOLIA	2' CAL.	B 4 B	
ORNAMENTAL TREE					
6	EASTERN REDBUD	CERCIS CANADENSIS	1 1/2' CAL.	B 4 B	
6	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	6' HT.	B 4 B	
2	WASHINGTON HAWTHORN	CRATAEGUS PHAENOPYLIUM	1 1/2' CAL.	B 4 B	
EVERGREEN TREE					
3	PINYON PINE	PINUS CEMEROIDES	6' HT.	B 4 B	
3	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B 4 B	REMOVE LOWEST WHORL
2	AUSTRIAN PINE	PINUS NIGRA	4' HT.	B 4 B	
6	SCOTCH PINE	PINUS SYLVESTRIS	6' HT.	B 4 B	REMOVE LOWEST WHORL
3	EASTERN REDCEDAR	JUNIPERUS VIRGINIANA	4' HT.	B 4 B	
SHRUBS					
18	SMOOTH SUMAC	RHUS GLABRA	3/8 GAL/18' HT.	CONT.	5' O.C. SPACING
33	GOLDEN CURRANT	RIBES ODORATUM WENDLAND F.	3/8 GAL/18' HT.	CONT.	5' O.C. SPACING
14	COMMON BUCKTHORNE	RHAMNUS CATHARTICA	3/8 GAL/18' HT.	CONT.	5' O.C. SPACING
17	AMERICAN PLUM	PRUNUS AMERICANA	3/8 GAL/18' HT.	CONT.	5' O.C. SPACING

GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- LIMITS OF NATURALIZED AREA
- LIMITS OF MULCH
- MATCHLINE
- ⊙ EXISTING LIGHT POLE

KEY PLAN

(NO SCALE)



UTILITY OWNERS
KANSAS DEPARTMENT OF TRANSPORTATION (316) 744-1271

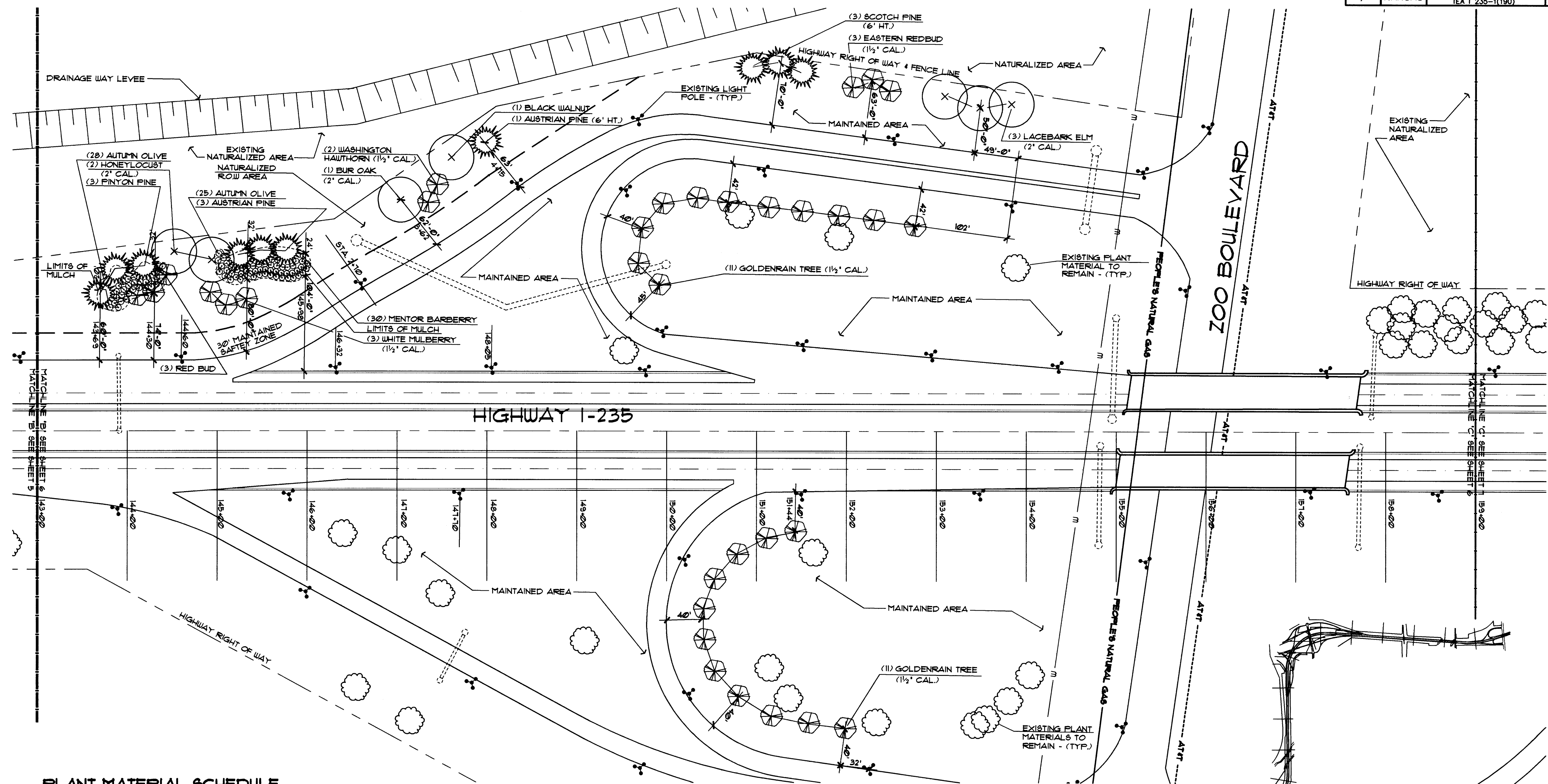
NOTE:
ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING THE PAVED SHOULDER PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSION ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.

KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 128+00 TO STA. 143+00
PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LME
DRAWN BY: SDW DATE: 9-6-96 SHEET 5 OF 33

FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	235-87 TE-0072-01 TEA 1 235-1(190)	1997	6	33



PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
1	BLACK WALNUT	JUGLANS NIGRA	30' - 36' HT.	B 4 B	
1	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B 4 B	
2	HONEYLOCUST 'THORNLESS'	GLEDITSIA TRIACANTHOS VAR. INERMIS	2' CAL.	B 4 B	4' BRANCH HT.
3	LACEBARK ELM	ULMUS PARVIFOLIA	2' CAL.	B 4 B	
ORNAMENTAL TREE					
22	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	1 1/2' CAL.	B 4 B	
3	WHITE MULBERRY	MORUS ALBA	1 1/2' CAL.	B 4 B	
2	WASHINGTON HAWTHORN	CRATAEGUS PHAENOPYRUM	1 1/2' CAL.	B 4 B	
3	EASTERN REDBUD	CERCIS CANADENSIS	1 1/2' CAL.	B 4 B	
EVERGREEN TREE					
3	PINYON PINE	PINUS CEMBOIDES	4' HT.	B 4 B	
1	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B 4 B	REMOVE LOWEST BRANCH
3	AUSTRIAN PINE	PINUS NIGRA	4' HT.	B 4 B	
3	SCOTCH PINE	PINUS SLYVESTRIS	6' HT.	B 4 B	REMOVE LOWEST BRANCH
SHRUBS					
30	MENTOR BARBERRY	BERBERIS MENTORENSIS	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING
53	AUTUMN OLIVE	ELAEGNUS UMBELLATA	3/8 GAL/18" HT.	CONT.	5' O.C. SPACING

UTILITY OWNERS

CITY OF WICHITA WATER & SEWER DEPARTMENT (316)268-4908
 AT&T TELEPHONE CO. (800)222-3000
 PEOPLES NATURAL GAS CO. (316)346-0036
 KANSAS DEPARTMENT OF TRANSPORTATION (316)744-1271

NOTE:

ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING EDGE OF THE PAVED SHOULDER, PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSION ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.

GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- LIMITS OF NATURALIZED AREA
- LIMITS OF MULCH
- MATCHLINE
- EXISTING LIGHT POLE

KEY PLAN
(NO SCALE)

SHEET 6

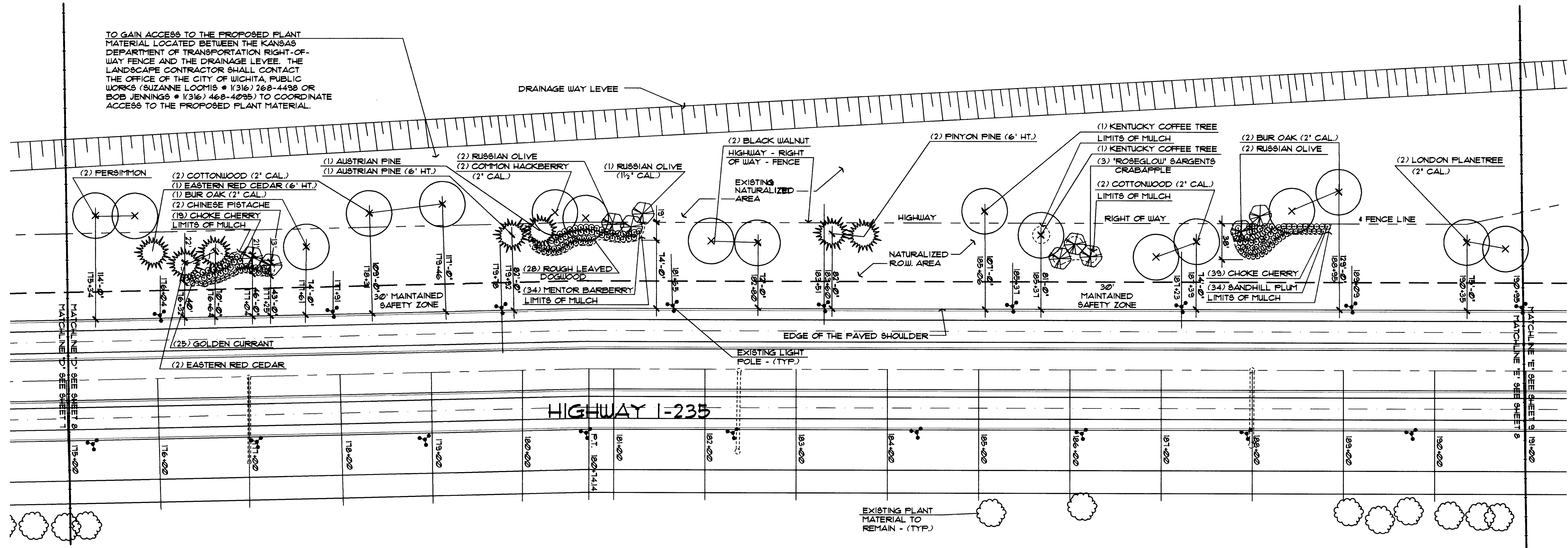
LANDSCAPE PLAN

SCALE: 1" = 60'-0"

KANSAS DEPARTMENT OF TRANSPORTATION
 I-235 CORRIDOR LANDSCAPING
 STA. 143+00 TO STA. 159+00
 PROJECT NO. #95068
Wilson Darnell Mann
 architecture site planning interiors
 Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LME
 DRAWN BY: SDW DATE: 9-6-96 SHEET 6 OF 33

F:\95068\FINISHED\5068LS3



LANDSCAPE PLAN

SCALE: 1" = 60'-0"

PLANT MATERIAL SCHEDULE

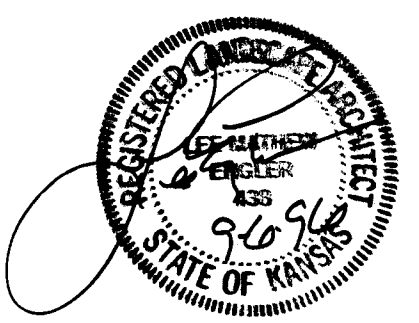
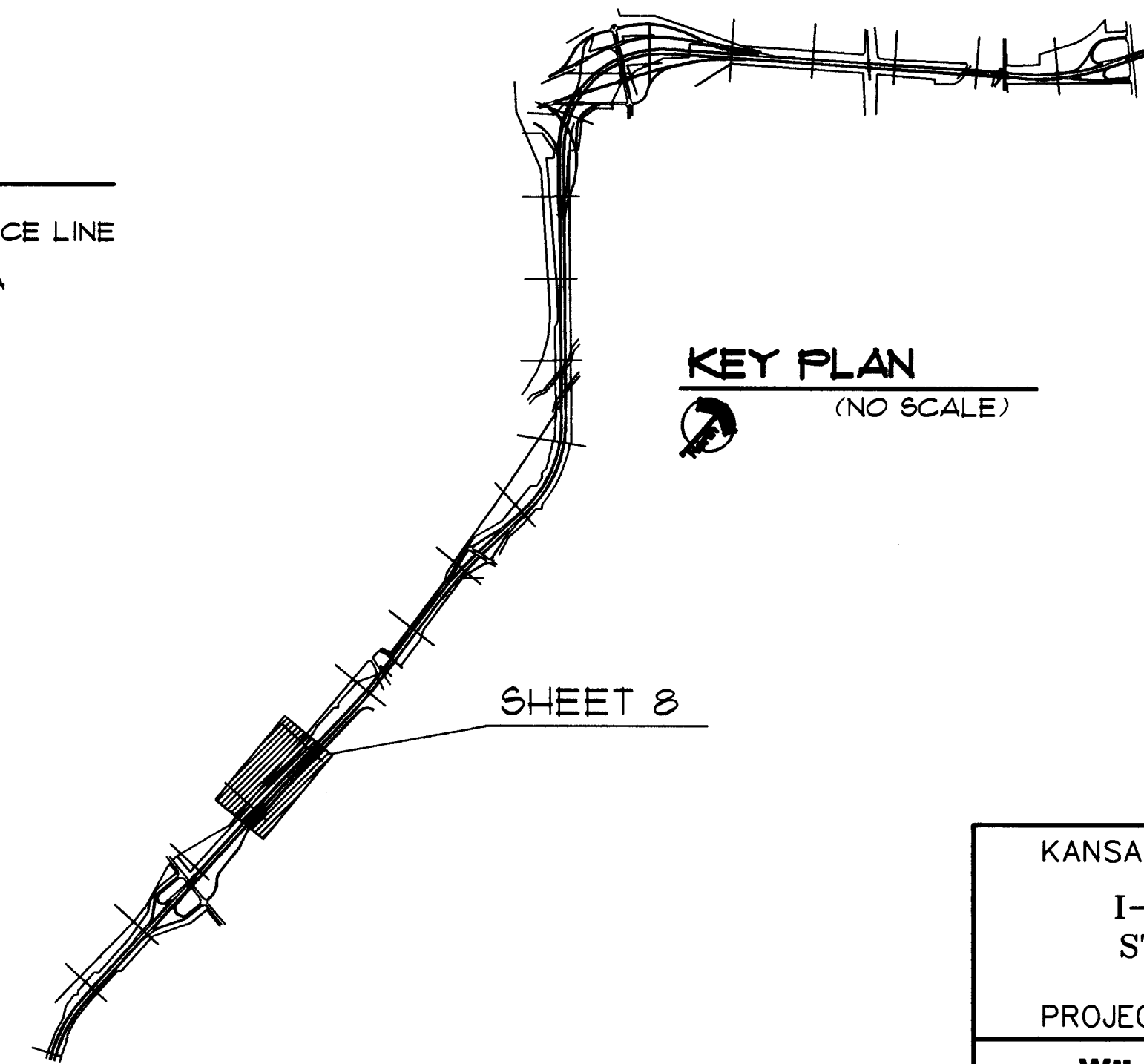
QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
2	LONDON PLANETREE	PLANTANUS X ACERIFOLIA	2' CAL.	B 4 B	
2	COMMON HACKBERRY	CELTIS OCCIDENTALIS	2' CAL.	B 4 B	4' BRANCH HT.
2	BLACK WALNUT	JUGLANS NIGRA	30'-36' HT.	B 4 B	
4	COTTONWOOD 'COTTONLESS'	POPULUS DELTOIDES 'COTTONLESS'	2' CAL.	B 4 B	4' BRANCH HT.
3	BUR OAK	QUERCUS MACROCARPA	2' CAL.	B 4 B	
2	KENTUCKY COFFEE TREE	GYMNOCLADUS DIOECUS	1 1/2' CAL.	B 4 B	4' HT. BRANCH
2	PERSIMMON	DIOSPYROS VIRGINIANA	30'-36' HT.	B 4 B	
ORNAMENTAL TREE					
4	RUSSIAN OLIVE	ELEAGNUS ANGSTIFOLIA	1 1/2' CAL.	B 4 B	
1	RUSSIAN OLIVE	ELEAGNUS ANGSTIFOLIA	6' HT.	B 4 B	
3	SARGENTS CRABAPPLE	MALUS SARGENTII	5' HT.	B 4 B	
2	'ROSEGLOW'	MALUS SARGENTII	5' HT.	B 4 B	
2	CHINESE PISTACHE	PISTACIA CHINENSIS	6' HT.	B 4 B	
EVERGREEN TREE					
2	PINYON PINE	PINUS CEMBROIDES	6' HT.	B 4 B	
1	AUSTRIAN PINE	PINUS NIGRA	6' HT.	B 4 B	REMOVE LOWEST WHORL
1	AUSTRIAN PINE	PINUS NIGRA	4' HT.	B 4 B	
1	EASTERN RED CEDAR	JUNIFERUS VIRGINIANA	6' HT.	B 4 B	
2	EASTERN RED CEDAR	JUNIFERUS VIRGINIANA	4' HT.	B 4 B	
SHRUBS					
28	ROUGH LEAVED DOGWOOD	CORNUS DRUMMONDI	3/8 GAL. 18' HT.	CONT.	5' O.C. SPACING
34	SANDHILL PLUM	FRUNUS ANGSTIFOLIA	3/8 GAL. 18' HT.	CONT.	5' O.C. SPACING
58	CHOKE CHERRY	FRUNUS VIRGINIANA	3/8 GAL. 18' HT.	CONT.	5' O.C. SPACING
34	MENTOR BARBERRY	BERBERIS MENTORENSIS	3/8 GAL. 18' HT.	CONT.	5' O.C. SPACING
25	GOLDEN CURRANT	RIBES ODORATUM WENDLAND F.	3/8 GAL. 18' HT.	CONT.	5' O.C. SPACING

GENERAL LEGEND

- HIGHWAY RIGHT OF WAY & FENCE LINE
- LIMITS OF NATURALIZED AREA
- LIMITS OF MULCH
- MATCHLINE
- ⊙ EXISTING LIGHT POLE

KEY PLAN

(NO SCALE)



UTILITY OWNERS

KANSAS DEPARTMENT OF TRANSPORTATION (316)744-1271

NOTE:

ALL PLANT MATERIAL LOCATION DIMENSIONS ARE TAKEN FROM EXISTING EDGE OF THE PAVED SHOULDER, PERPENDICULAR WITH HIGHWAY TO CENTER OF LOCATED MATERIAL. DIMENSION ARE TO BE USED AS A GUIDE FOR PLACEMENT OF PLANT MATERIAL.

KANSAS DEPARTMENT OF TRANSPORTATION
I-235 CORRIDOR LANDSCAPING
STA. 175+00 TO STA. 191+00

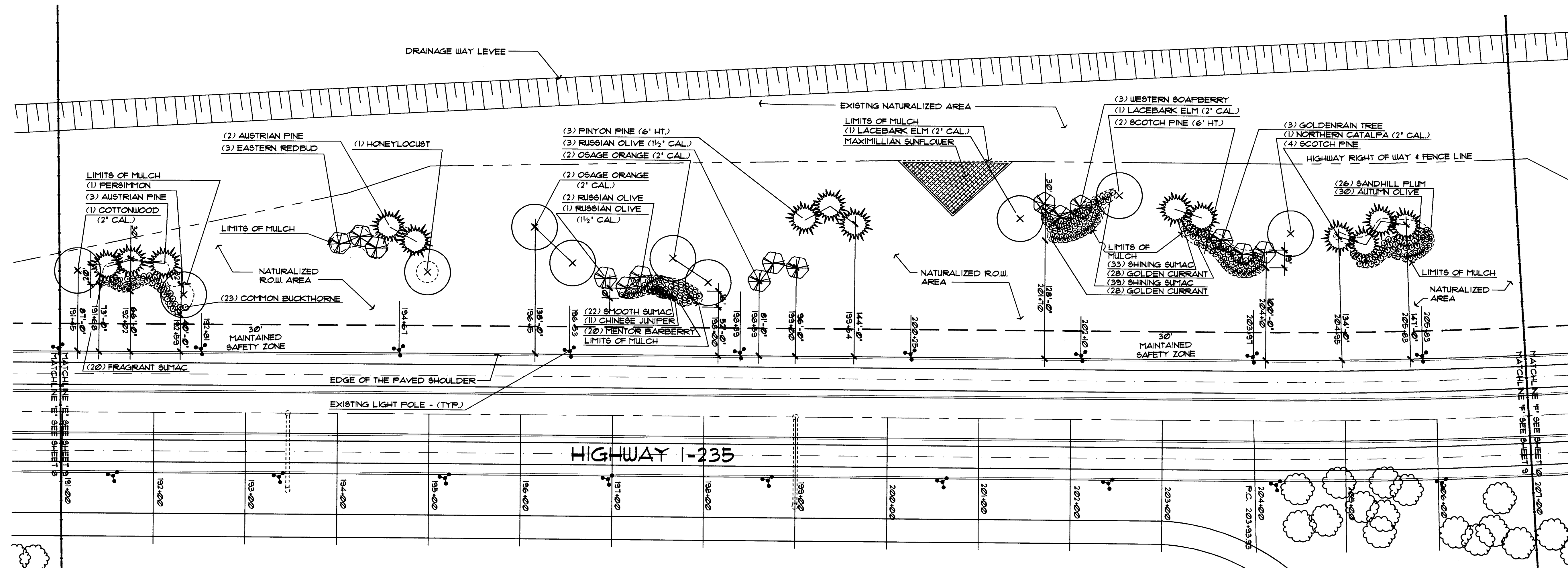
PROJECT NO. #95068

Wilson Darnell Mann
architecture site planning interiors
Wichita, Kansas

DESIGNED BY: SDW
DRAWN BY: SDW

CHECKED BY: LMR

DATE: 9-6-96 SHEET 8 OF 33



LANDSCAPE PLAN

SCALE: 1" = 60'-0"

PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
1	NORTHERN CATALPA	CATALPA SPECIOSA	2' CAL.	B 4 B	4' BRANCH HT.
4	OSAGE ORANGE 'WICHITA'	MAELURA POMIFERA VAR. INERMIS	2' CAL.	B 4 B	4' BRANCH HT.
1	COTTONWOOD 'COTTONLESS'	POPULUS DELTOIDES 'COTTONLESS'	2' CAL.	B 4 B	4' BRANCH HT.
3	LACEBARK ELM	ULMUS PARVIFOLIA	2' CAL.	B 4 B	4' BRANCH HT.
1	HONEYLOCUST 'THORNLESS'	GLEDITSIA TRIACANTHOS VAR. INERMIS	6' HT.	B 4 B	
1	PERSIMMON	DIOSPYROS VIRGINIANA	30"-36" HT.	B 4 B	
ORNAMENTAL TREE					
3	EASTERN REDBUD	CERCIS CANADENSIS	6' HT.	B 4 B	
5	RUSSIAN OLIVE	ELEAGNUS ANGUSTIFOLIA	1 1/2' CAL.	B 4 B	
1	RUSSIAN OLIVE	ELEAGNUS ANGUSTIFOLIA	6' HT.	B 4 B	
3	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	6' HT.	B 4 B	
3	WESTERN SOAPBERRY	SAPINDUS DRUMMONDII	6' HT.	B 4 B	
EVERGREEN TREE					
3	PINYON FINE	PINUS CEMEROIDES	6' HT.	B 4 B	
5	AUSTRIAN FINE	PINUS NIGRA	4' HT.	B 4 B	
2	SCOTCH FINE	PINUS SYLVESTRIS	6' HT.	B 4 B	
4	SCOTCH FINE	PINUS SYLVESTRIS	4' HT.	B 4 B	REMOVE LOWEST WHORL
SHRUBS					
12	SHINING SUMAC	RHUS COPALLINA	3/5 GAL/18" HT.	CONT.	5' O.C. SPACING
26	SANDHILL PLUM	FRUNUS ANGUSTIFOLIA	3/5 GAL/18" HT.	CONT.	5' O.C. SPACING
22	SMOOTH SUMAC	RHUS GLABRA	3/5 GAL/18" HT.	CONT.	5' O.C. SPACING
20	MENTOR BARBERRY	BERBERIS MENTORENSIS	3/5 GAL/18" HT.	CONT.	5' O.C. SPACING
20	FRAGRANT SUMAC	RHUS ARBORESCENS	3/5 GAL/18" HT.	CONT.	5' O.C. SPACING
56	GOLDEN CURRANT	RIBES ODORATUM 'WENDLAND F.'	3/5 GAL/18" HT.	CONT.	5' O.C. SPACING
23	COMMON BUCKTHORNE	RHAMNUS CATHARTICA	3/5 GAL/18" HT.	CONT.	5' O.C. SPACING
30	AUTUMN OLIVE	ELAEGNUS UMBELLATA	3/5 GAL/18" HT.	CONT.	5' O.C. SPACING
11	CHINESE JUNIFER 'SEAGREEN'	JUNIFERUS CHINENSIS 'SEAGREEN'	3/5 GAL/18" SFR.	CONT.	5' O.C. SPACING
WILDFLOWER					
30000 SQFT.	MAXIMILLIAN SUNFLOWER	HELIANTHUS MAXIMILIANI	SEED AT A RATE OF 10 PLS LBS. PER ACRE		

NOTE:

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GENERAL LEGEND

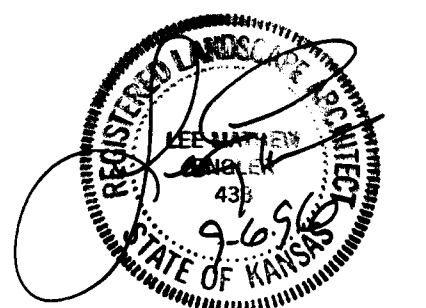
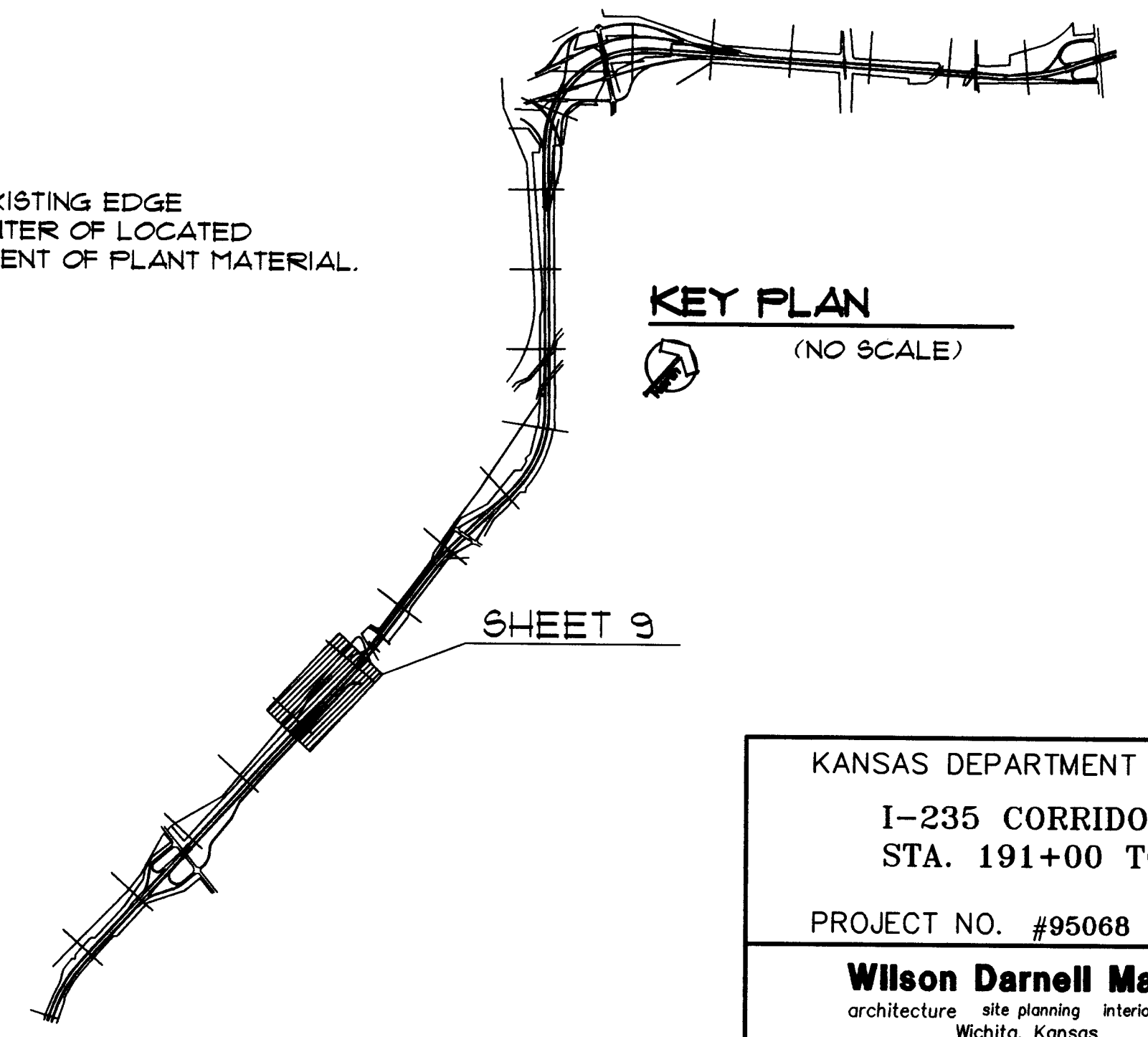
- HIGHWAY RIGHT OF WAY & FENCE LINE
- - - LIMITS OF NATURALIZED AREA
- - - LIMITS OF MULCH
- MATCHLINE
- ⊙ EXISTING LIGHT POLE
- ▨ MAXIMILLIAN SUNFLOWERS

UTILITY OWNERS

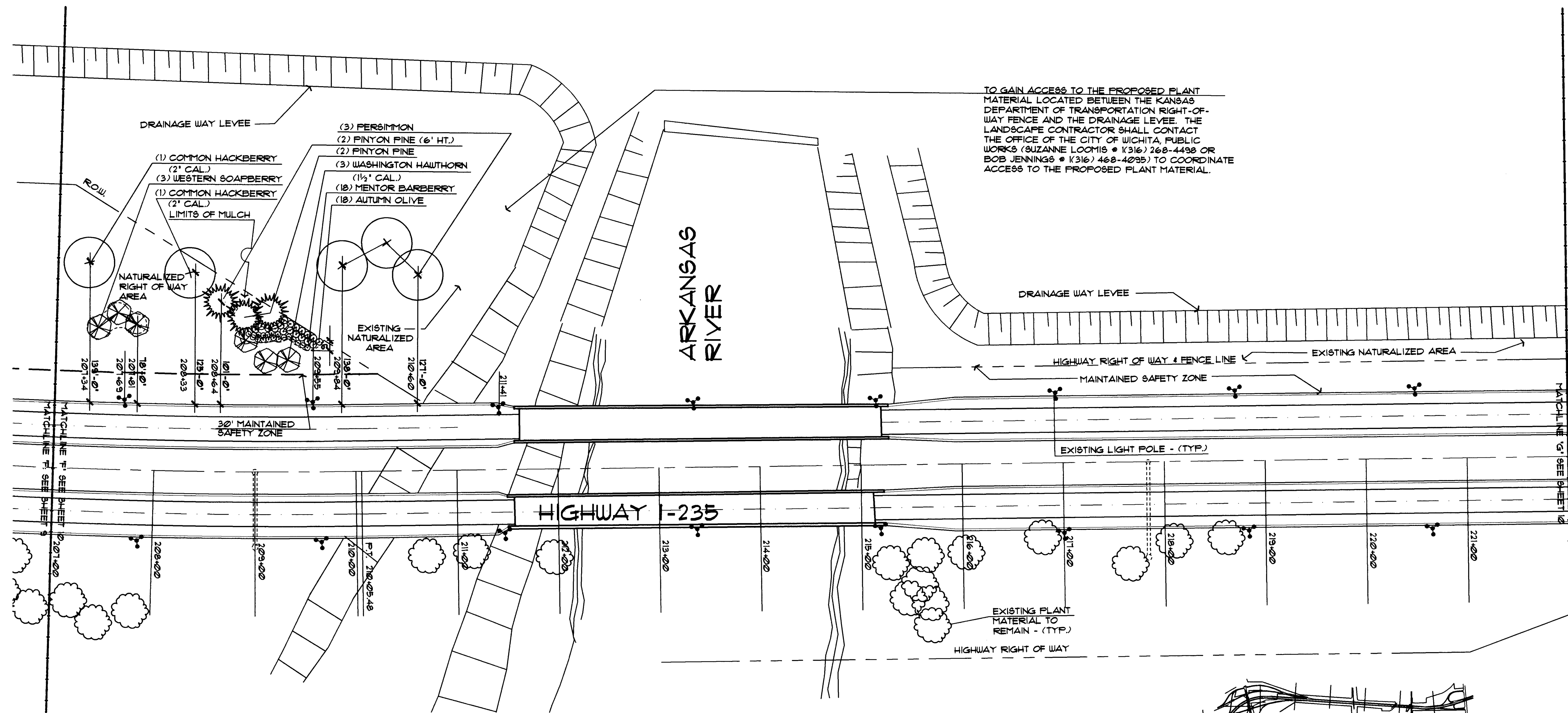
KANSAS DEPARTMENT OF TRANSPORTATION (316)744-1271

KEY PLAN

(NO SCALE)



KANSAS DEPARTMENT OF TRANSPORTATION
 I-235 CORRIDOR LANDSCAPING
 STA. 191+00 TO STA. 207+00
 PROJECT NO. #95068
Wilson Darnell Mann
 architecture site planning interiors
 Wichita, Kansas
 DESIGNED BY: SDW CHECKED BY: LMR
 DRAWN BY: SDW DATE: 9-6-96 SHEET 9 OF 33

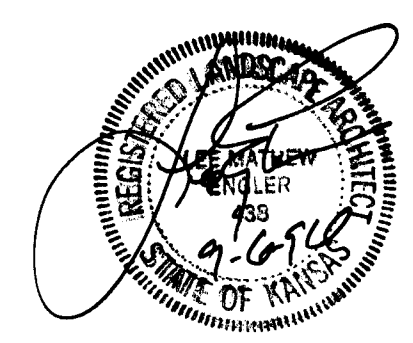
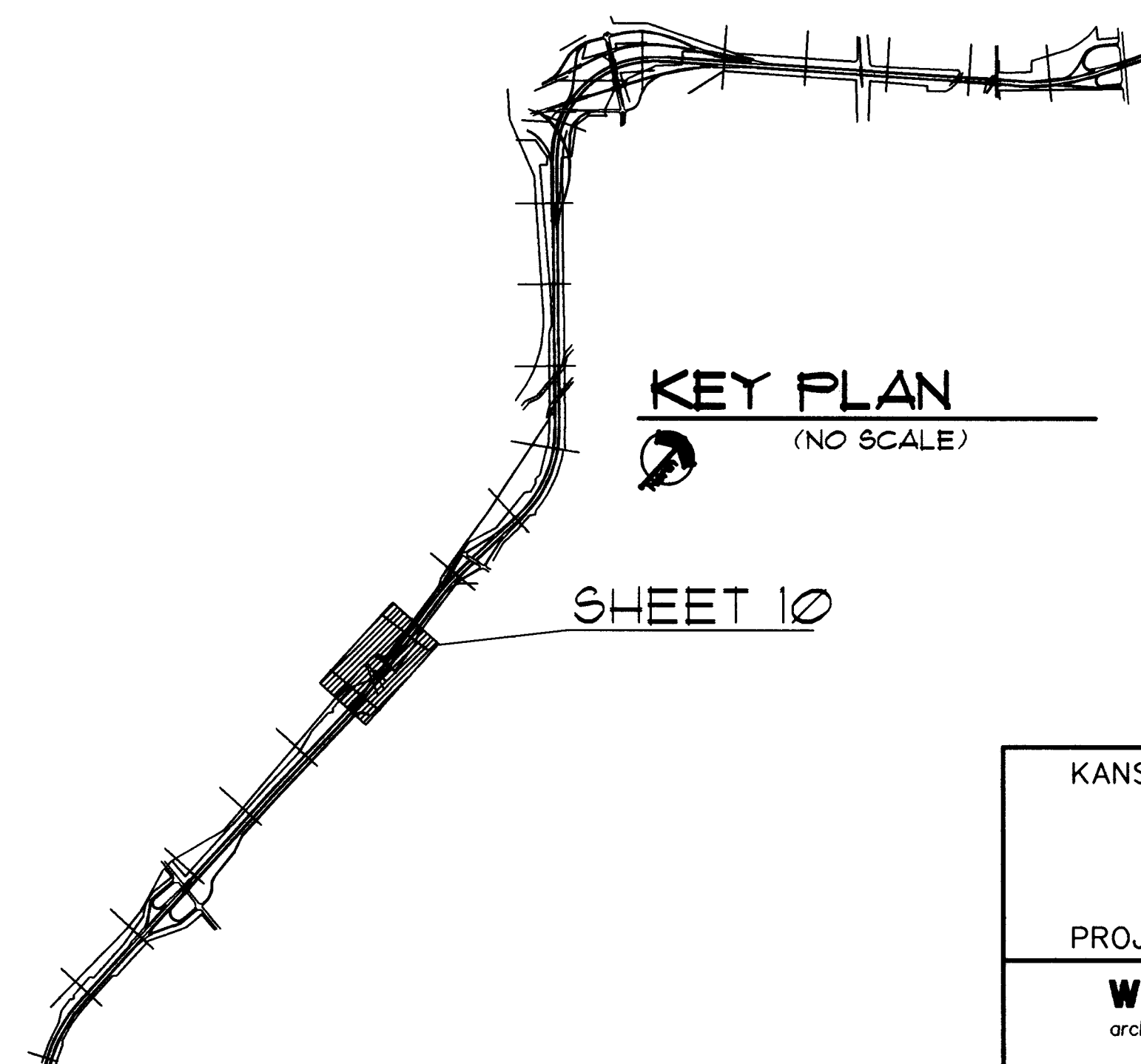


LANDSCAPE PLAN
 SCALE: 1" = 60'-0"

PLANT MATERIAL SCHEDULE

QTY.	COMMON NAME	BOTANICAL NAME	MINIMUM SIZE	COND.	REMARKS
SHADE TREE					
2	COMMON HACKBERRY	CELTIS OCCIDENTALIS	2' CAL.	B 4 B	
3	PERSIMMON	DIOSPYROS VIRGINIANA	30'-36' HT.	B 4 B	
ORNAMENTAL TREE					
3	WASHINGTON HAWTHORN	CRATAEGUS PHAENOPYRUM	1 1/2' CAL.	B 4 B	
3	WESTERN SOAPBERRY	SAPINDUS DRUMMONDII	6' HT.	B 4 B	
EVERGREEN TREE					
2	PINYON PINE	PINUS CEMEROIDES	6' HT.	B 4 B	
2	PINYON PINE	PINUS CEMEROIDES	4' HT.	B 4 B	
SHRUBS					
18	MENTOR BARBERRY	BERBERIS MENTORENSIS	3/5 GAL/18 HT.	CONT.	5' O.C. SPACING
18	AUTUMN OLIVE	ELEAGNUS UMBELLATA	3/5 GAL/18 HT.	CONT.	5' O.C. SPACING

UTILITY OWNERS
 KANSAS DEPARTMENT OF TRANSPORTATION (316) 744-1271



KANSAS DEPARTMENT OF TRANSPORTATION
 I-235 CORRIDOR LANDSCAPING
 STA. 207+00 TO STA. 222+00
 PROJECT NO. #95068

Wilson Darnell Mann
 architecture site planning interiors
 Wichita, Kansas

DESIGNED BY: SDW CHECKED BY: LME
 DRAWN BY: SDW DATE: 9-6-96 SHEET 10 OF 33

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