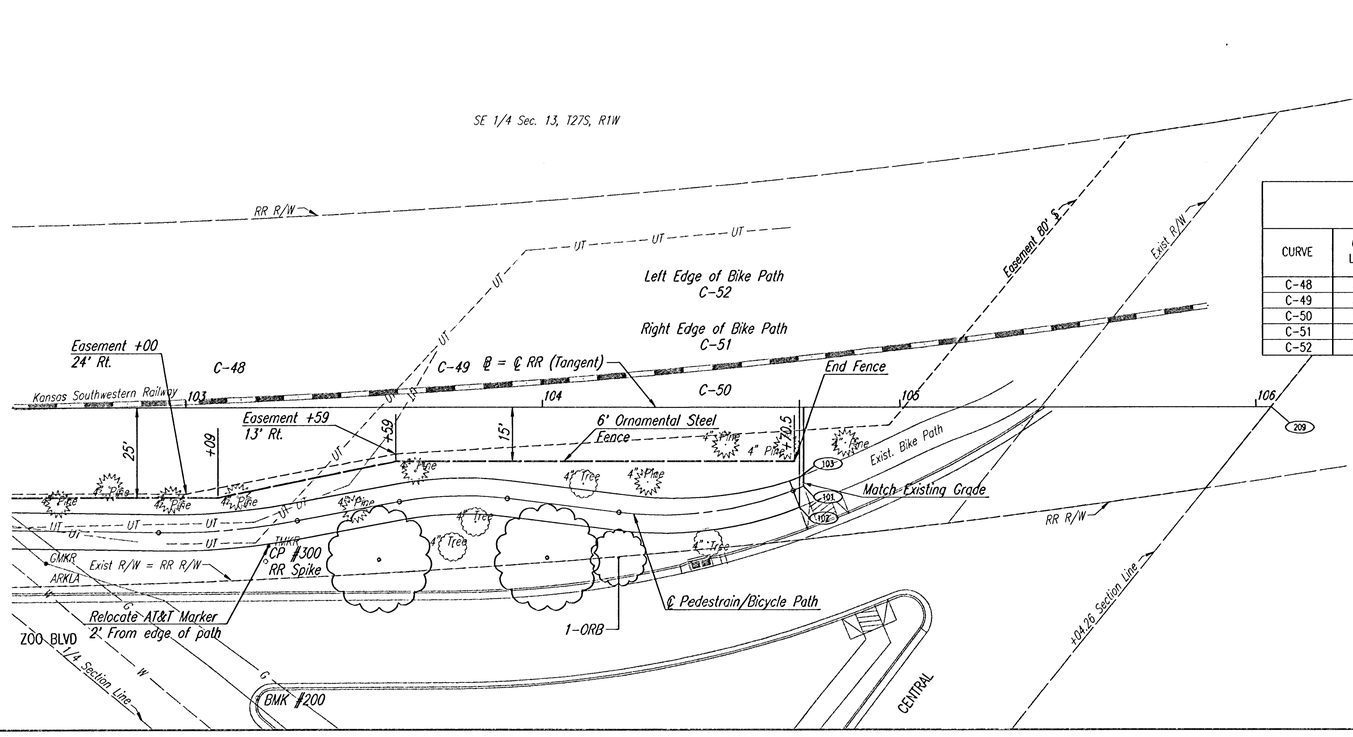
PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-83247 87 TE-0159-01	10	24



℄ CURVE ALIGNMENT DATA

CURVE	℄ ARC LENGTH	RADIUS	DELTA	PC		STATION	PI		STATION	PT		STATION
				NORTHING	EASTING		NORTHING	EASTING		NORTHING	EASTING	
C-48	39.20	200.00	11°13'49"	1,688,879.89	1,636,311.90	102+90.34, 34.69'Rt.	1,688,864.71	1,636,324.39	103+12.00, 35'Rt.	1,688,852.25	1,636,339.60	103+31.35, 31.48'Rt.
C-49	30.21	100.00	17°18'37"	1,688,833.78	1,636,362.16	103+60.02, 26.25'Rt.	1,688,823.74	1,636,374.19	103+75.00, 23.52'Rt.	1,688,811.42	1,636,382.31	103+90.11, 25.37'Rt.
C-50	49.20	100.00	28°11'13"	1,688,782.34	1,636,395.48	104+21.41, 29.21'Rt.	1,688,760.32	1,636,409.98	104+46.33, 32.26'Rt.	1,688,747.77	1,636,433.16	104+69.73, 23.18'Rt.
C-51	47.23	106.50	25°24'37"	1,688,785.09	1,636,399.65	104+22.02, 24.25'Rt.	1,688,764.12	1,636,413.46	104+50.22, 27.70'Rt.	1,688,752.16	1,636,435.54	104+68.72, 23.18'Rt.
C-52	51.66	105.00	28°11'13"	1,688,787.84	1,636,403.83	104+20.79, 34.17'Rt.	1,688,764.10	1,636,419.46	104+46.96, 37.38'Rt.	1,688,754.66	1,636,436.90	104+71.54, 27.85'Rt.

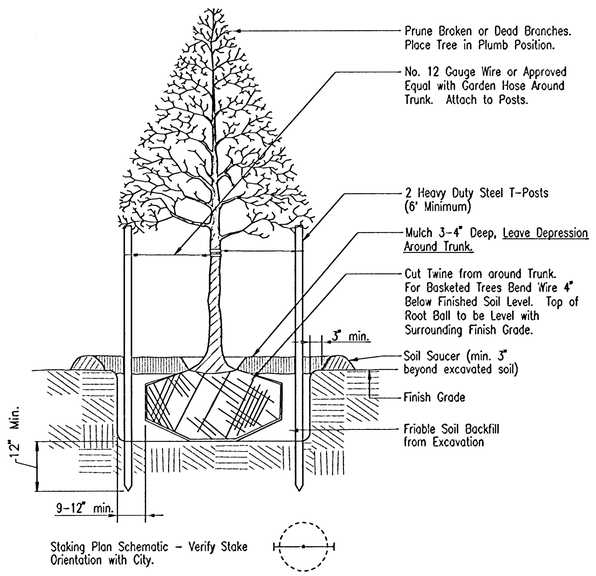
COORDINATE LIST		
POINT	NORTH	EAST
101	1,688,750.6011	1,636,438.4194
102	1,688,747.7657	1,636,433.1557
103	1,688,753.0956	1,636,439.7813

(101) = COORDINATE POINT NO.

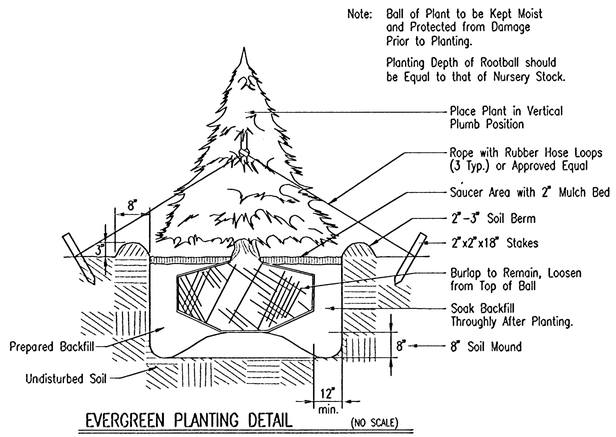
POINT	NORTHING	EASTING	STATION	OFFSET
205	1,688,987.3335	1,636,266.1136	101+80.82	0.00
209	1,688,664.6635	1,636,540.3185	106+04.26	0.00

Control Point #300
RR Spike W. of Tracks
150'± N. of Central
5' W. of ATT Marker #706
Sta. 103+22.46, 42.70' Rt.
Elev.= 121.85
N= 1,688,851.750, E= 1,636,325.293

Benchmark #200
Chiseled "o" N. end median
150'± N. of Central
43' WSW of ATT Marker #706
Sta. 103+20, 81' Rt.
Elev.= 121.75



TREE STAKING & PLANTING DETAIL (NO SCALE)
LARGER THAN 2" CALIPER

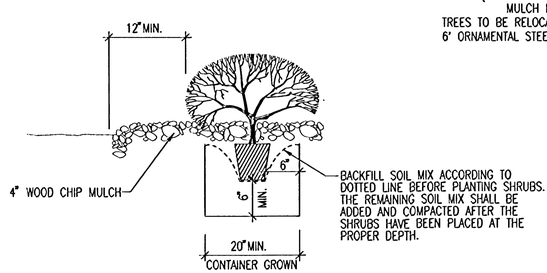


EVERGREEN PLANTING DETAIL (NO SCALE)

PLANT MATERIALS LIST					
KEY	QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE	CONDITION
AM	22	AMUR MAPLE	ACER GINNALA	2" CAL.	B & B
CCP	40	CHANTICLEER PEAR	PYRUS CALLERYANA "CHANTICLEER"	2" CAL.	B & B
CM	12	CADDO MAPLE *	ACER SACCHARUM "CADDO"	2" CAL.	B & B
CP	15	CHINESE PISTACHIA	PISTACIA CHINENSIS	2 1/2" CAL.	B & B
LE	19	LACEBARK ELM	ULMUS PARVIFOLIA	2" CAL.	B & B
ORB	21	OKLAHOMA RED BUD	CERCIS RENIFORMIS "OKLAHOMA"	2" CAL.	B & B
SDC	17	SNOWDRIFT CRAB	MALUS "SNOWDRIFT"	2" CAL.	B & B
GR	25	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	2" CAL.	B & B
SHL	16	SKYLINE HONEYLOCUST	GLEDITSIA TRIACANTHOS "SKYLINE"	2" CAL.	B & B
TH	31	TRUMPET HONEYSUCKLE	LONICERA SEMPERVIRENS	1 GAL.	CONTAINER (10' O.C.)

* "LEGACY" SUGAR MAPLE MAY BE USED AS A SUBSTITUTE.

QUANTITIES:
PERMANENT PROJECT SEEDING - 3.06 AC. (133,511 S.F.) (GUYMON BERMUDAGRASS OR APPROVED EQUAL)
SEED RATE 2 LBS./1,000 S.F.-FERTILIZER RATE 882 LBS. PER ACRE-MULCH (PRAIRIE HAY) RATE 37 BALES PER ACRE
MULCH (SHREDDED CYPRESS) - 1,900 S.F.
MULCH RATE 37 BALES PER ACRE
TREES TO BE RELOCATED - 3 (4" PINES)
6' ORNAMENTAL STEEL FENCE - 8125 L.F.



SHRUB PLANTING DETAIL

ZOO BOULEVARD BIKE PATH
CENTRAL TO WESTDALE

ZOO BOULEVARD

STA. 104+00.00 TO STA. 104+70.50

LANDSCAPE DETAILS

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	RMH	Checked by	
Drawn by	SAD	Date SEPTEMBER 2001	Job No. 96450-002

DSNR: SAD OPER: SAD SCALE: 1=20.00
O:\1996\96450\002\SW104end 09-04-2002 09:49:09 am