

SE 1/4 Sec. 13, T27S, R1W

Q CURVE ALIGNMENT DATA

CURVE	Q 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

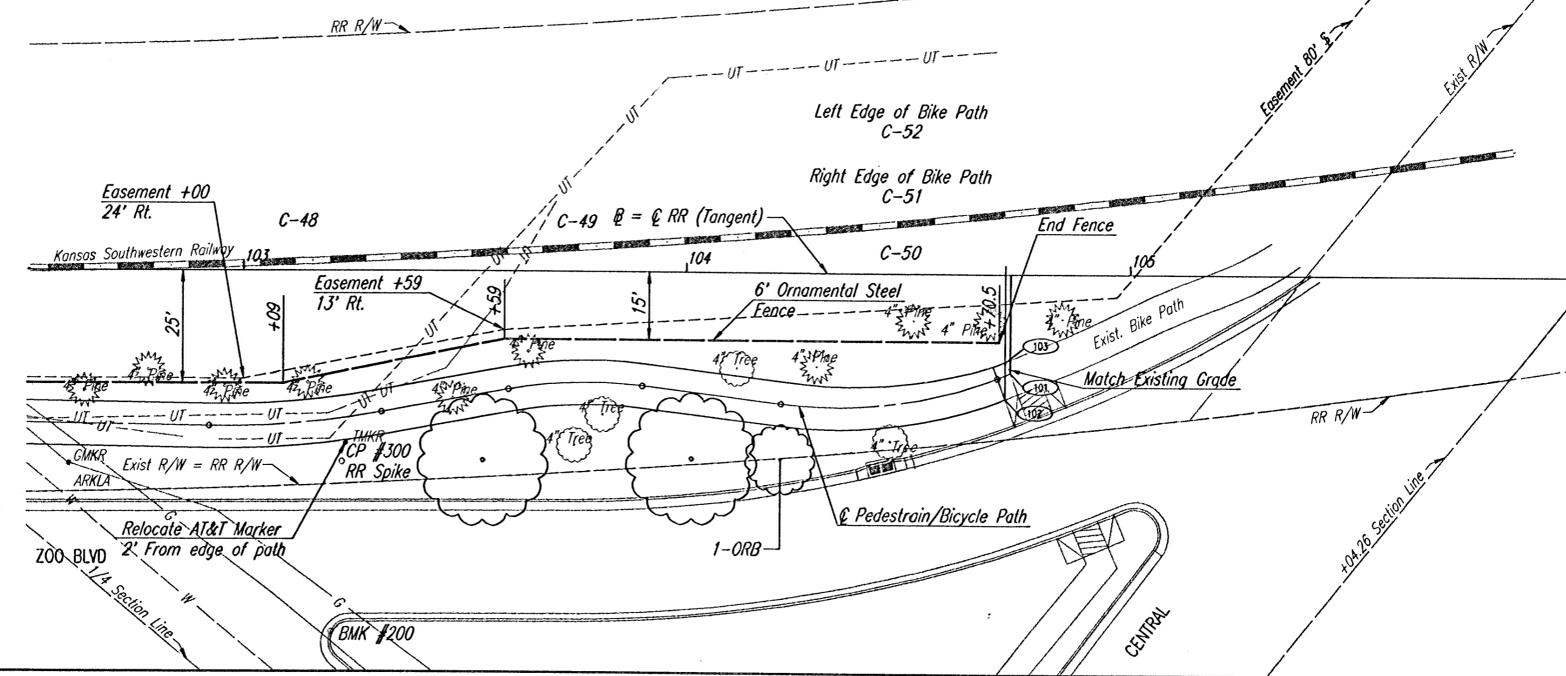
POINT	NORTH	EAST
101	1,688,750.6011	1,636,438.4194
102	1,688,747.7657	1,636,433.1557
103	1,688,753.0956	1,636,439.7813

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

(101) = COORDINATE POINT NO.

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

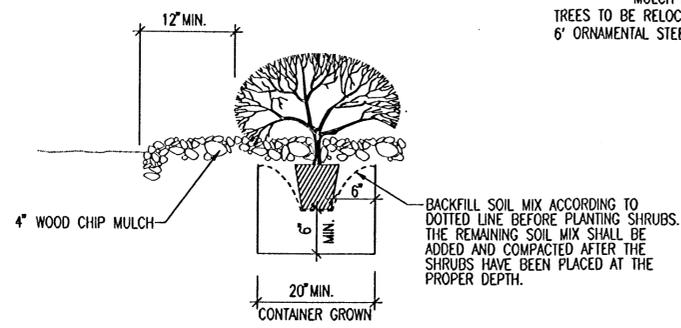
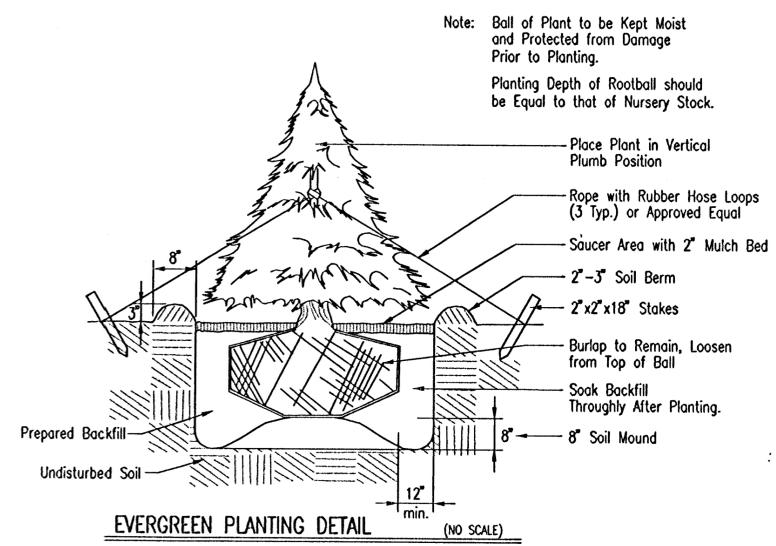
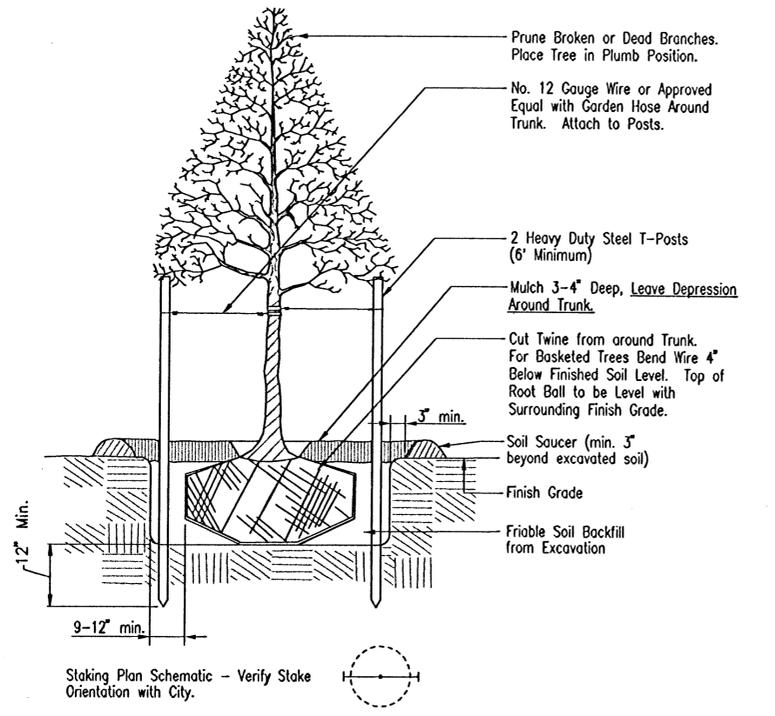


PLANT MATERIALS LIST

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 "CADD0"	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.



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. 98450-002

DSNR: SJD OPER: SAD SCALE: 1"=20.00
 Q:\1995\98450\002\SW104end 09-04-2002 09:49:09 am