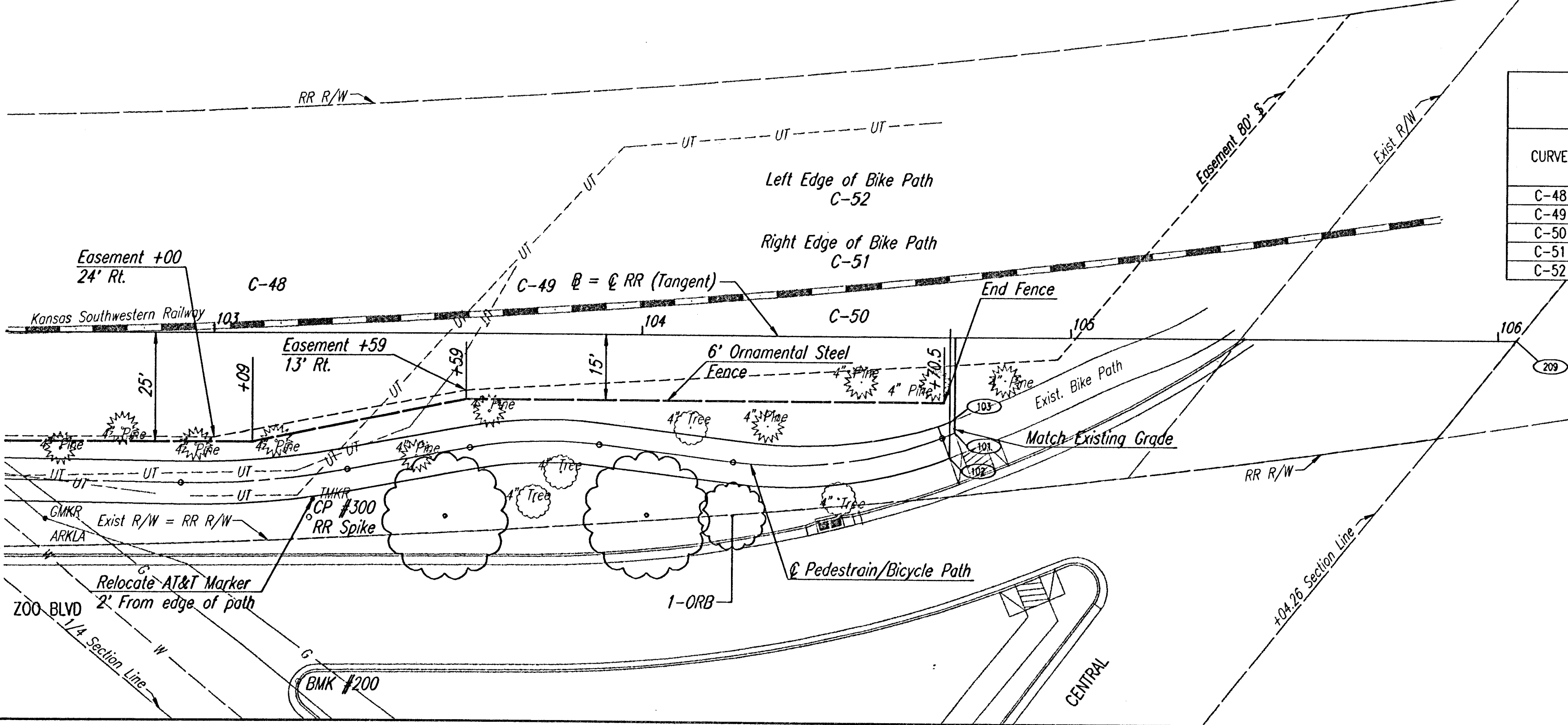


SE 1/4 Sec. 13, T27S, R1W



| C CURVE ALIGNMENT DATA |              |        |           |              |              |                      |              |              |                      |              |              |                      |
|------------------------|--------------|--------|-----------|--------------|--------------|----------------------|--------------|--------------|----------------------|--------------|--------------|----------------------|
| CURVE                  | C 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.

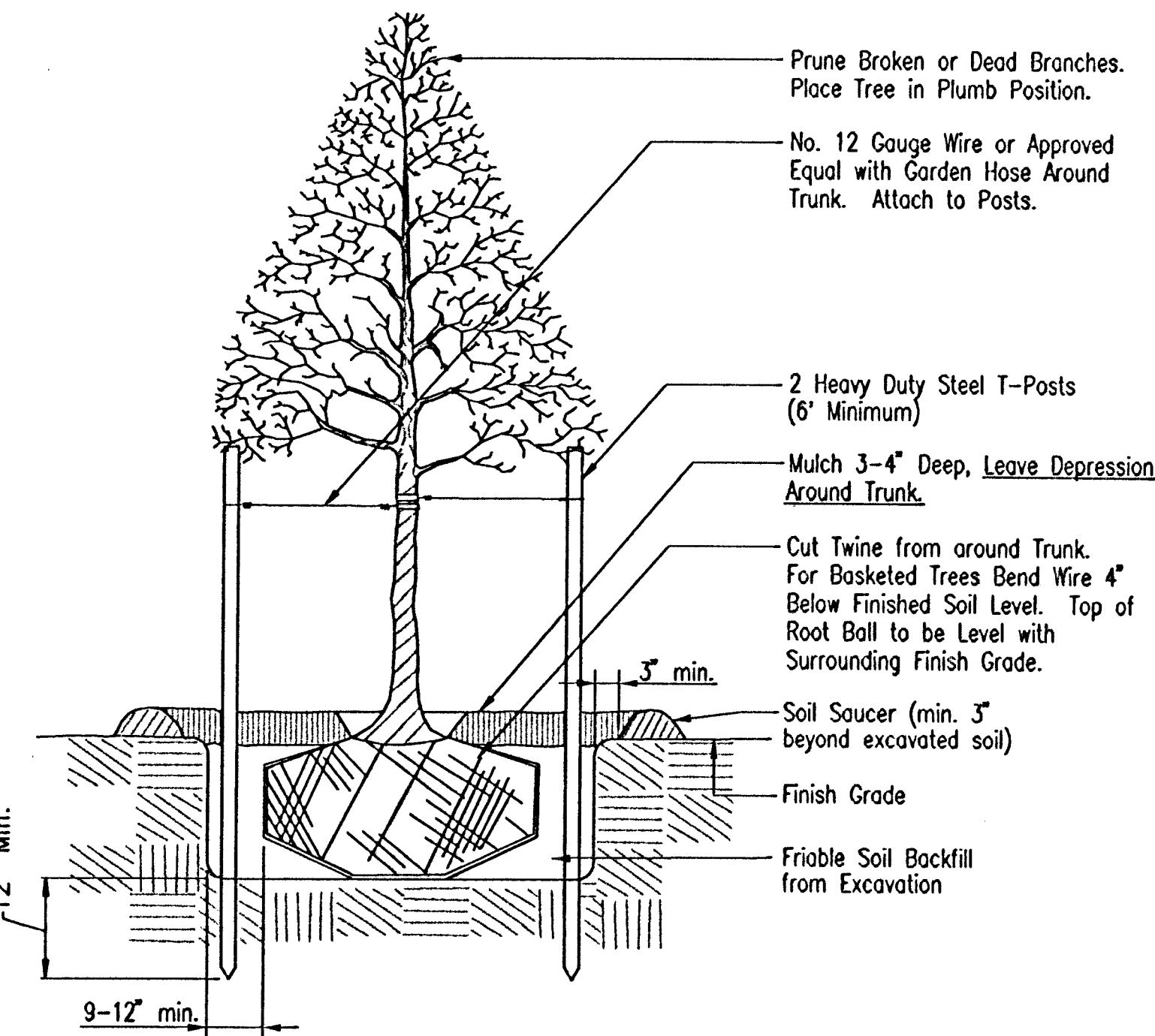
Control Point #300  
RR Spike W. of Tracks  
150'± N. of Central  
5' W. of ATT Marker #706  
Sta. 103+22.46, 42.70° RL  
Elev. = 121.85  
N = 1,688,851.750, E = 1,636,325.293

Benchmark #200  
Chiseled "a" N. end median  
150'± N. of Central  
43' WSW of ATT Marker #706  
Sta. 103+20, 81° RL  
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.) |

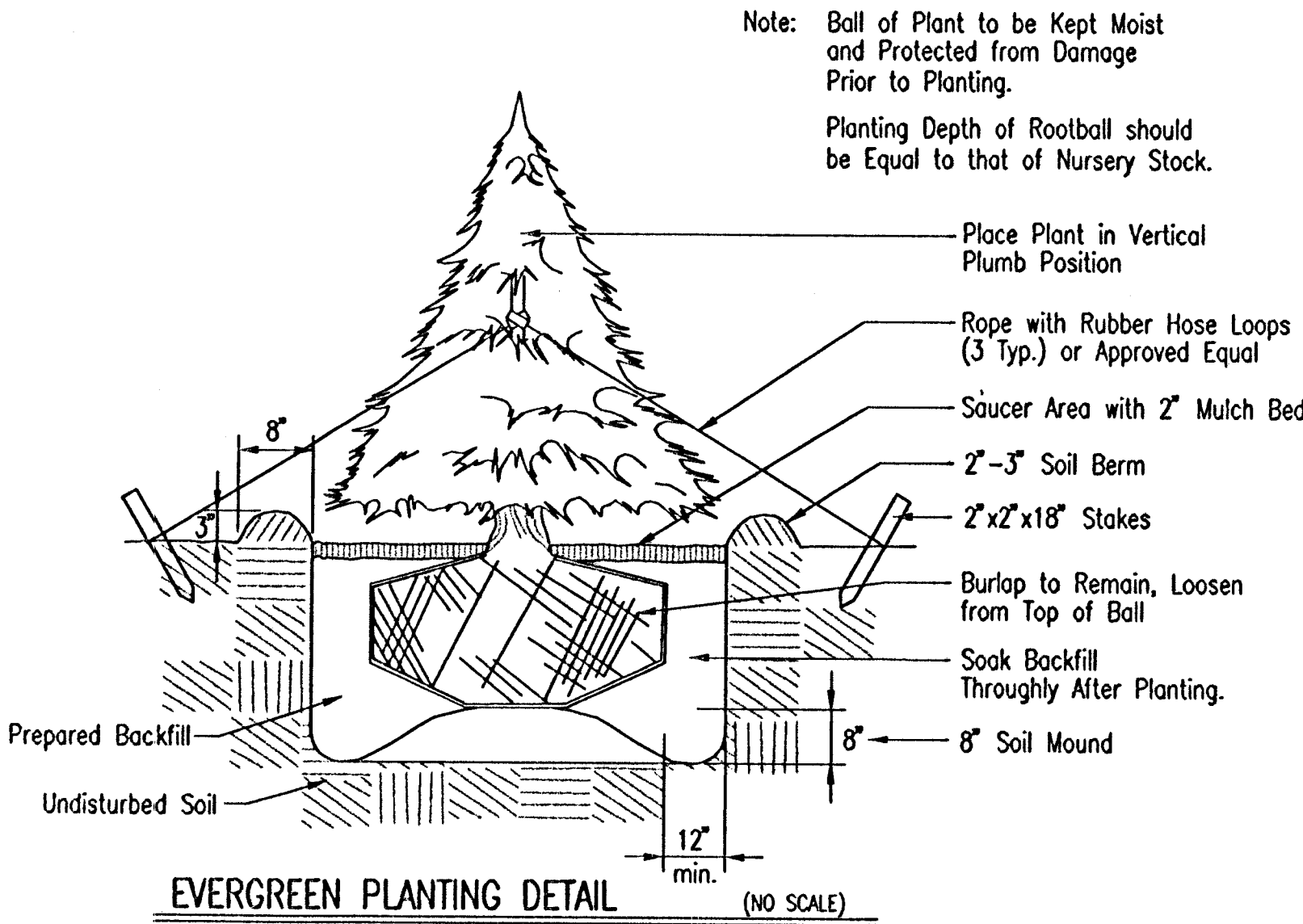
\* "LEGACY" SUGAR MAPLE MAY BE USED AS A SUBSTITUTE.

QUANTITIES:  
PERMANENT PROJECT SEEDING - 3.06 AC. (133,511 S.F.) (GYMON 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.

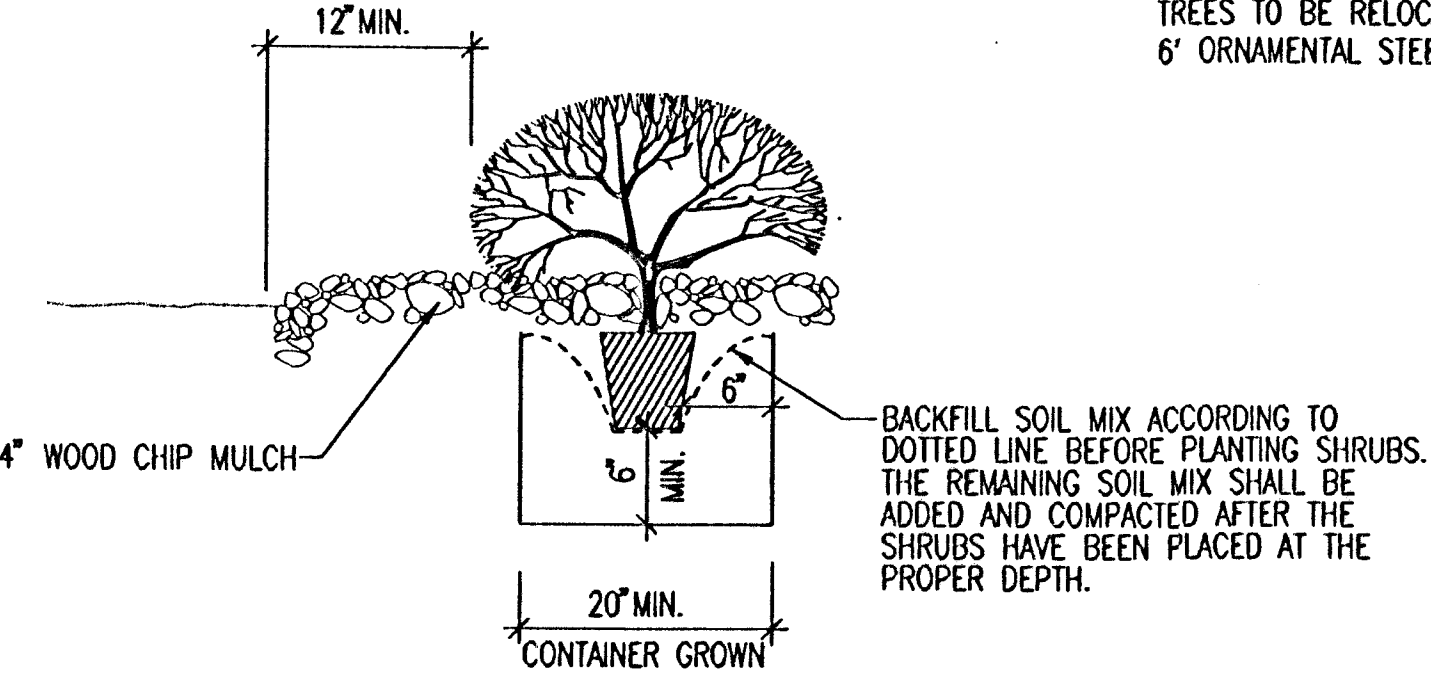


Staking Plan Schematic - Verify Stake Orientation with City.

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



EVERGREEN PLANTING DETAIL  
(NO SCALE)



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.    | 98450-002      |

58-03-05-02