APPENDIX 17

Planting and Paving Details
PLANTING DEPTH
IN HEAVY CLAY OR POORLY DRAINED SOILS, ALL WOODY PLANTS TO BE PLACED SO THAT THE ROOT COLLAR IS POSITIONED 75-100MM HIGHER THAN SURROUNDING GRADE.

STAKE AND GUY USING 2 1/2" X 6" WOODEN STAKES. TIE USING BIODEROGABLE MATERIAL SUCH AS FOLDED BURLAP, ETC. USE 2 WOODEN STAKES TO BE CRUSHED BEHIND AND BELOW ROOTBALL. 300MM. USE 3 WOODEN STAKES OR APPROVED EQUAL FOR LARGE TREES WHEN SPECIFIED. DO NOT DRIVE STAKE THROUGH ROOT BALL. REMOVE AFTER APPROX. 2YRS.

100MM DEPTH OF SHREDDED BARK MULCH

PROVIDE 100MM EDGE BETWEEN PIT AND SOIL AS SHOWN FOR MAINTENANCE.

EXISTING GRADE (TOPSOIL AND TURF)

REMOVE WIRE BASKET, ALL ROPE AND BURLAP FROM TOP 1/3 OF ROOT BALL BEFORE PLACING MULCH. BURLAP TO BE BIODEROGABLE.

BACKFILL WITH SOIL MIX (4 PARTS TOPSOIL, 1 PART COMPOST, 1 PART SHREDDED PEAT AND APPLICATION OF HIGH PHOSPHOROUS FERTILIZER (0-20-00))

UNDISTURBED SUBGRADE

PLANTING STANDARDS AND WORKMANSHP:
1. PLANT MATERIAL SHALL BE PROTECTED AGAINST ABRASION, EXPOSURE AND EXTREME TEMPERATURE CHANGE DURING TRANSIT TO THE PLANTING SITE.
2. PLANT MATERIAL SHALL BE HANDLED IN A MANNER SO AS TO CAUSE THE LEAST AMOUNT OF DAMAGE DURING THE PLANTING PROCESS.
3. TREES SHALL BE HANDLE BY THE SOIL BALL UNDER NO CIRCUMSTANCE SHOULD THEY BE DRAGGED, LIFTED OR PULLED BY THE TRUNK OR FOLIAGE PARTS IN A MANNER THAT WILL LOOSEN THE ROOTS OF THE BALL.
4. ANY ABRASIONS OF THE BARK OR BRANCHES, OR BROKEN LINERS CAUSED IN THE PLANTING OPERATION SHALL BE TREATED AND CORRECTED IMMEDIATELY.
5. IN CASES WHERE TREES ARE APT TO HAVE THEIR TRUNKS SCARRED DURING THE PLANTING OPERATION, THE TRUNK SHOULD BE PROTECTED WITH WRAP OR PADDING, THEN REMOVED AFTER PLANTING IS COMPLETE.
6. ALL WRAP OR ROPE AND PLANT LABELS SECURED AROUND THE TRUNK OR BRANCHES SHALL BE REMOVED AFTER PLANTING IS COMPLETE.
7. TREES THAT HAVE THEIR SOIL BALLS SECURED IN A BURLAP SACK SHALL HAVE THE BURLAP UNDONE AND PEELED BACK, AFTER THE PLANT IS PLACED AND CENTERED IN THE PIT AND BEFORE BACK-FILLING OCCURS.
8. TREES THAT HAVE SOIL BALLS SHALL BE PLANTED IN PITS WITH A FIRM, UNDISTURBED BOTTOM TO ENSURE SETTLLING WILL NOT OCCUR.
9. TREES SHALL ONLY BE PRUNED AT THE TIME OF PLANTING WHEN IT IS NECESSARY TO PROMOTE STRONG SCAFFOLD BRANCHING (I.E. REMOVE DEAD OR POORLY STRUCTURED BRANCHES). V-BRANCHING LESS THAN 45 DEGREES AND/OR TREES WITH CO-DOMINANT LEADERS WILL NOT BE ACCEPTED. TREES SHALL NEVER BE CLIPPED BACK OR TOPPED.
10. SUPPORT SHALL BE PROVIDED TO ALL TREES WHEN DEEMED NECESSARY AS OUTLINED BY THE CERTIFIED ARBORIST OR LANDSCAPE ARCHITECT PLAN CLAMPS HOLDING ALL TREES FIRMLY TO THE STAKE SHALL BE APPLIED AND ADJUSTED WITHOUT DAMAGING THE BARK.
12. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION AND/OR INDUSTRIAL PROJECTS.

SITE PLAN GUIDELINES
Hamilton
October 2003

DECIDUOUS TREE
(NTS)
NOTES

1. SOAK ROOT BALL PRIOR TO MOVING.
2. SOIL MIX: 4 PARTS TOPSOIL, 1 PART COMPOST, 1 PART SHREDDED PEAT & APPLICATION OF HIGH PHOSPHOROUS FERTILIZER (0–20–0)
3. TREES LESS THAN 125cm IN HEIGHT DO NOT HAVE TO BE STAKED.
4. SAUCER SHALL BE SOAKED WITH WATER & MULCHED IMMEDIATELY FOLLOWING PLANTING.
5. T-RAIL DEADMAN TO BE PAINTED WITH BLACK "TREMLAC" PAINT.
6. ALL DIMENSIONS ARE IN MILLIMETERS.
7. ALL PLANT STOCK TO BE COVERED WHILE IN TRANSIT.
PRUNE DAMAGED OR OBJECTIONABLE BRANCHES. DO NOT PRUNE LEADERS.

WOOD MULCH

TREE OPENING

CUT AND REMOVE BURLAP (& WIRE CAGE WHERE APPLICABLE) FROM TOP 1/3 OF ROOT BALL AFTER TREE IS POSITIONED IN PIT; REMOVE ALL STRING, ROPE OR WIRE USED TO SECURE BALL.

LOosen SOIL IN BOTTOM OF PIT PRIOR TO POSITIONING TREE.

IMPORTED TOPSOIL TO MEET CITY OF HAMILTON SPECIFICATIONS.

PRUNE DAMAGED OR OBJECTIONABLE BRANCHES. DO NOT PRUNE LEADERS.

1500 x 1500 PRE-CAST CONCRETE TREE GRATE

50mm DEEP PEA GRAVEL ON TOP SOIL MIX.

THICKEN EDGE OF CONCRETE TO 300mm AT TREE OPENING

CUT AND REMOVE BURLAP (& WIRE CAGE WHERE APPLICABLE) FROM TOP 1/3 OF ROOT BALL AFTER TREE IS POSITIONED IN PIT; REMOVE ALL STRING, ROPE OR WIRE USED TO SECURE BALL.

LOosen SOIL IN BOTTOM OF PIT PRIOR TO POSITIONING TREE.

IMPORTED TOPSOIL TO MEET CITY OF HAMILTON SPECIFICATIONS.

PERFORATED DRAIN PIPE WITH FILTER CLOTH SOCK IN TRENCH FILLED WITH 19MM CLEAR STONE

TREE PIT

OPTION A – PRE-CAST CONCRETE COVER AS APPROVED BY THE CITY OF HAMILTON - 5'x5' OR 3'x6'

OPTION B – METAL TREE GRATE, AS APPROVED BY CITY OF HAMILTON - 5'x5' OR 3'x6'

OPTION C – OPEN TREE PIT, MINIMUM SIZES - 5'x5' OR 3'x6'

REFER TO DECIDUOUS TREE DETAIL FOR GENERAL PLANTING STANDARDS

SITE PLAN GUIDELINES

October 2003

NTS