NOTES:

- (A) 1200 mm HIGH PAIGE WIRE FARM FENCE SECURED TO STEEL T-BARS AT MIN. 3000 mm O.C.. FENCING MUST BE STRETCHED TO ACHIEVE TENSION.
- (B) FOR SUBDIVISIONS AND ANY OTHER LONG DURATION PROJECTS (MORE THAN 1 YEAR), FENCING TO INCLUDE 2.44 m HIGH, 150 mm CEDAR POSTS LOCATED AT 21 m O.C. AND AT ALL CHANGES IN DIRECTION WHERE REQUIRED BY APPROVED VEGETATION MANAGEMENT PLAN.
- (C) EROSION/SEDIMENT CONTROLS SHALL BE AFFIXED DIRECTLY TO TREE PROTECTION FENCING WHERE LOCATIONS COINCIDE.REFER TO **EROSION CONTROL PLANS AND** DETAILS WHERE APPLICABLE. WHERE NO ADJACENT GRADING/ GROUND DISTURBANCE WORKS ARE REQUIRED ON DEVELOPMENT SIDE, EROSION CONTROL MEASURES SHALL NOT BE KEYED. REFER TO DETAIL 'A'.
 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

- ATTACHMENT OF FENCE TO TREES WILL NOT BE PERMITTED.
- IF TREE ROOTS ARE EXPOSED TO AIR. ENSURE ROOTS ARE WATERED UNTIL THEY CAN BE COVERED AGAIN. ANY EXPOSED ROOTS TO BE REMOVED SHALL BE HAND PRUNED USING PROPER ARBORICULTURAL PRACTICES.
- CONTRACTOR WILL ONLY ENTER / WORK WITHIN THE TREE PROTECTION ZONE (TPZ) WHERE APPROVED BY THE CITY OF WATERLOO.
- FENCING TO BE INSPECTED ON A REGULAR BASIS AND MAINTAINED BY CONTRACTOR.
- TREE PROTECTION FENCING SHALL BE INSTALLED PER THE LOCATIONS SHOWN ON THE APPROVED VEGETATION MANAGEMENT PLAN. ONCE INSTALLED, A SITE INSPECTION WITH A REPRESENTATIVE FROM THE CITY'S ENGINEERING SERVICES SHALL BE SCHEDULED FOR APPROVALS PRIOR TO ANY WORK COMMENCING ON SITE.
- TREE PROTECTION FENCE WILL REMAIN INSTALLED FOR THE DURATION OF ALL CONSTRUCTION WORKS.

TABLE 1.0:

MINIMUM TREE PROTECTION ZONE DETERMINATION

TRUNK DIAMETER (DBH AT 1.4m)	MINIMUM PROTECTION DISTANCES REQUIRED
<10 cm	1.8 m
11 - 40 cm	2.4 m
41 - 50 cm	3.0 m
51 - 60 cm	3.6 m
61 - 70 cm	4.2 m
71 - 80 cm	4.8 m
81 - 90 cm	5.4 m
91 - 100+ cm	6.0+ m

NOTE:

MINIMUM TREE PROTECTION ZONES (TPZ) SHALL ONLY BE USED WHERE SPACE IS LIMITED AND WHERE APPROVED BY THE CITY OF WATERLOO.

STANDARD DRAWING

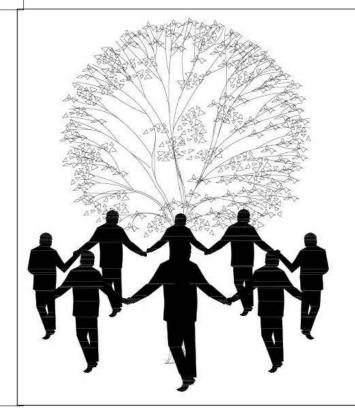
REV₁

MAY 2023



TREE PROTECTION FENCING

- 600 mm MINIMUM



Tree Preservation Plan In Effect

DUMPING
STORAGE OF MATERIALS
TREE REMOVAL
DISTURBANCE OF ANY KIND
BEYOND THIS POINT

Developers Name

Developers Telephone Number

Consultants Name

Consultants Telephone Number

City Contact:

NOTES:

300 mm MINIMUM

- 1. SIGN TO BE MOUNTED ON GATOR BOARD.
- 2. SIGN TO BE PLACED A MAXIMUM OF 30 m O.C. ALONG FENCE AND SECURED WITH OUTDOOR PLASTIC LOCKING TIE-WRAPS.
- 3. AT LEAST ONE SIGN SHALL BE INSTALLED AT EACH SIDE OF THE TREE PROTECTION ZONE.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

STANDARD DRAWING

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TREE PROTECTION ZONE SIGNAGE



CW-702

NOTES:

- 1. EXCAVATE AND CULTIVATE TO A DEPTH OF 600. IMPROVE STRUCTURE OF EXCAVATED SOIL BY AERATING,
- PULVERIZING, AND MIXING, REMOVING CLODS, LUMPS, AND DEBRIS (SUCH AS STONE, ROOTS, ETC.). BACKFILL USING IMPROVED NATIVE TOPSOIL.
- 3. SET CROWN OF ROOT BALL 25 ABOVE FINISHED GRADE OF PLANTING BED TO ALLOW FOR SETTLEMENT.
- 4. AFTER INSTALLATION OF PLANT MATERIAL, MULCH TO A DEPTH OF 100 (AFTER SETTLEMENT).
- 5. SOAK WITH WATER IMMEDIATELY AFTER INSTALLATION OF PLANT MATERIAL.
- 6. REMOVE ALL BROKEN, DISEASED, OR WEAK BRANCHES.
- 7. ALL SHRUB PLANT MATERIAL WILL BE PLANTED IN A COMPACT, MULCHED PLANTING BED.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

STANDARD DRAWING

SHRUB / PERENNIAL PLANTING DETAIL

REV 1

MAY 2023



CW-711

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

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