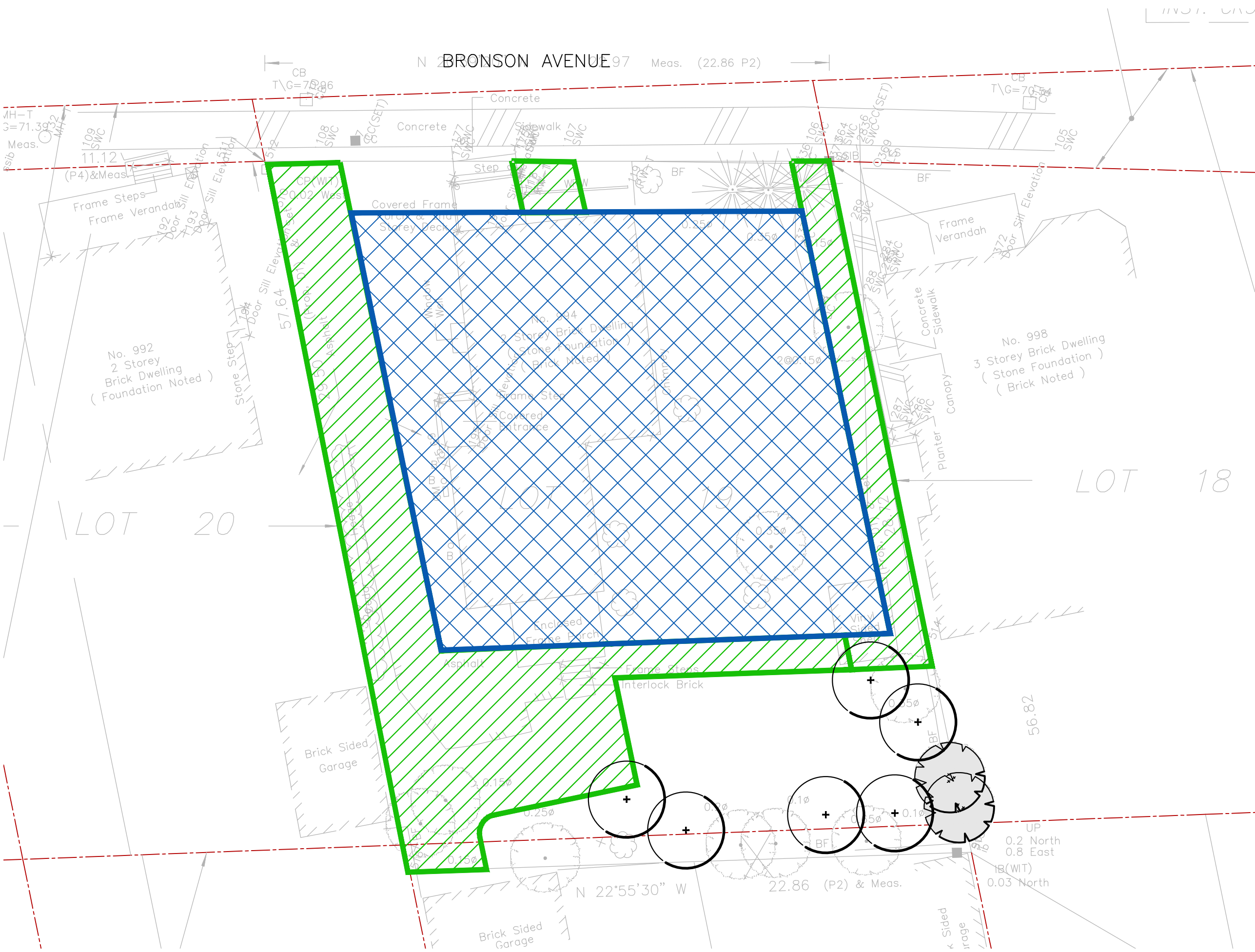




1 TREE INVENTORY PLAN – AERIAL PHOTOGRAPHY Scale: 1:150



2 TREE INVENTORY PLAN – PROPOSED DEVELOPMENT Scale: 1:150

TREE #	BOTANICAL NAME	COMMON NAME	CALIPER (mm)	CONDITION	HIGH QUALITY TREE	RARE TREE	COMMENTS	TO BE PRESERVED
1	Thuja occidentalis	Eastern white cedar	50–200	Moderate	No	No	10% die back, broken limbs, minor pruning	No
2	Acer platanoides	Norway maple	150	Good	No	No	Asymmetrical, co–dominant leaders	No
3	Acer platanoides	Norway maple	2 @ 80 & 100	Good	No	No	Asymmetrical, two trees wrapped together, in hydro–line	No
4	Unknown	N/A	250	Dead	No	No	Hazard tree	No
5	Acer platanoides	Norway maple	200	Good	No	No	Nothing significant	Yes
6	Acer platanoides	Norway maple	100	Good	No	No	Poor branch union/angle	Yes
7	Acer platanoides	Norway maple	650	Poor	No	No	40% side canopy die back, broken limbs, poor branch union/angle, co–dominant leaders, leaning, damaged trunk, bark missing. Hazard tree	No
8	Acer platanoides	Norway maple	100	Good	No	No	In hydro–line	Yes
9	Acer platanoides	Norway maple	100	Good	No	No	Nothing significant	Yes
10	Acer platanoides	Norway maple	350	Moderate	No	No	Minimal pruning, poor branch union, large scar, young co–dominant leader	No
11	Acer platanoides	Norway maple	350	Moderate	No	No	20% side canopy die back, co–dominant leaders at 2m	No
12	Acer platanoides	Norway maple	150	Moderate	No	No	Broken limbs, pruned, 2 multi–stems	No
13	Taxus sp.	Yew	150	Moderate	No	No	Pruned into an ornamental hedge, included bark, covered in Virginia creeper	No
14	Taxus sp.	Yew	350	Moderate	No	No	Pruned into an ornamental hedge, included bark, covered in Virginia creeper	No
15	Taxus sp.	Yew	250	Moderate	No	No	Pruned into an ornamental hedge, included bark, covered in Virginia creeper	No

LEGEND

- EXISTING TREE(S)
- EXISTING TREE(S) TO BE REMOVED
- PROPOSED TREE(S)
- TREE PROTECTION FENCING
- PROPOSED BUILDING FOOTPRINT
- PROPOSED HARD SURFACES

NOTES:

THE FOLLOWING PROTECTION MEASURES MUST BE IMPLEMENTED FOR RETAINED TREES, BOTH ONSITE AND ON ADJACENT PROPERTIES.

- UNDER THE GUIDANCE OF AN ARBORIST, ERECT A FENCE AT THE CRITICAL ROOT ZONE (CRZ) OF TREES WHERE THE CRZ IS ESTABLISHED AS BEING 10 CENTIMETERS FROM THE TRUNK FOR EVERY CENTIMETER OF TRUNK DIAMETER AT BREAST HEIGHT.
- TREE PROTECTION SHALL BE ERECTED TO PROVIDE A CONTINUOUS BARRICADE BETWEEN DESIGNATED TREES AND THE WORK AREA PRIOR TO CONSTRUCTION.
- TUNNEL OR BORE WHEN DIGGING WITHIN THE CRZ OF A TREE.
- ENSURE ALL EQUIPMENT AND CONSTRUCTION RELATED MATERIAL ARE NOT PLACED OR TEMPORARILY STORED WITHIN THE CRZ.
- ENSURE EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARDS ANY TREE'S CANOPY.
- FLOODING OR DEPOSITION OF SEDIMENT SHALL BE PREVENTED WHERE TREES ARE LOCATED.
- ALL DISTURBED ROOT SYSTEMS SHALL BE EXPOSED AND BACKFILLED IN ONE CONTINUOUS OPERATION TO MINIMIZE DESICCATION.
- EXPOSED ROOTS SHALL BE KEPT CONTINUOUSLY MOIST DURING EXCAVATION.
- REMOVE BROKEN AND DAMAGED ROOTS WITH SHARP PRUNING SHEARS.
- THE TREE PROTECTION FENCES ARE TEMPORARY, SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION OPERATIONS, AND SHALL BE REMOVED UPON COMPLETION OF WORK WHEN AGREED TO BY THE CONTRACT ADMINISTRATOR AND LANDSCAPE ARCHITECT.

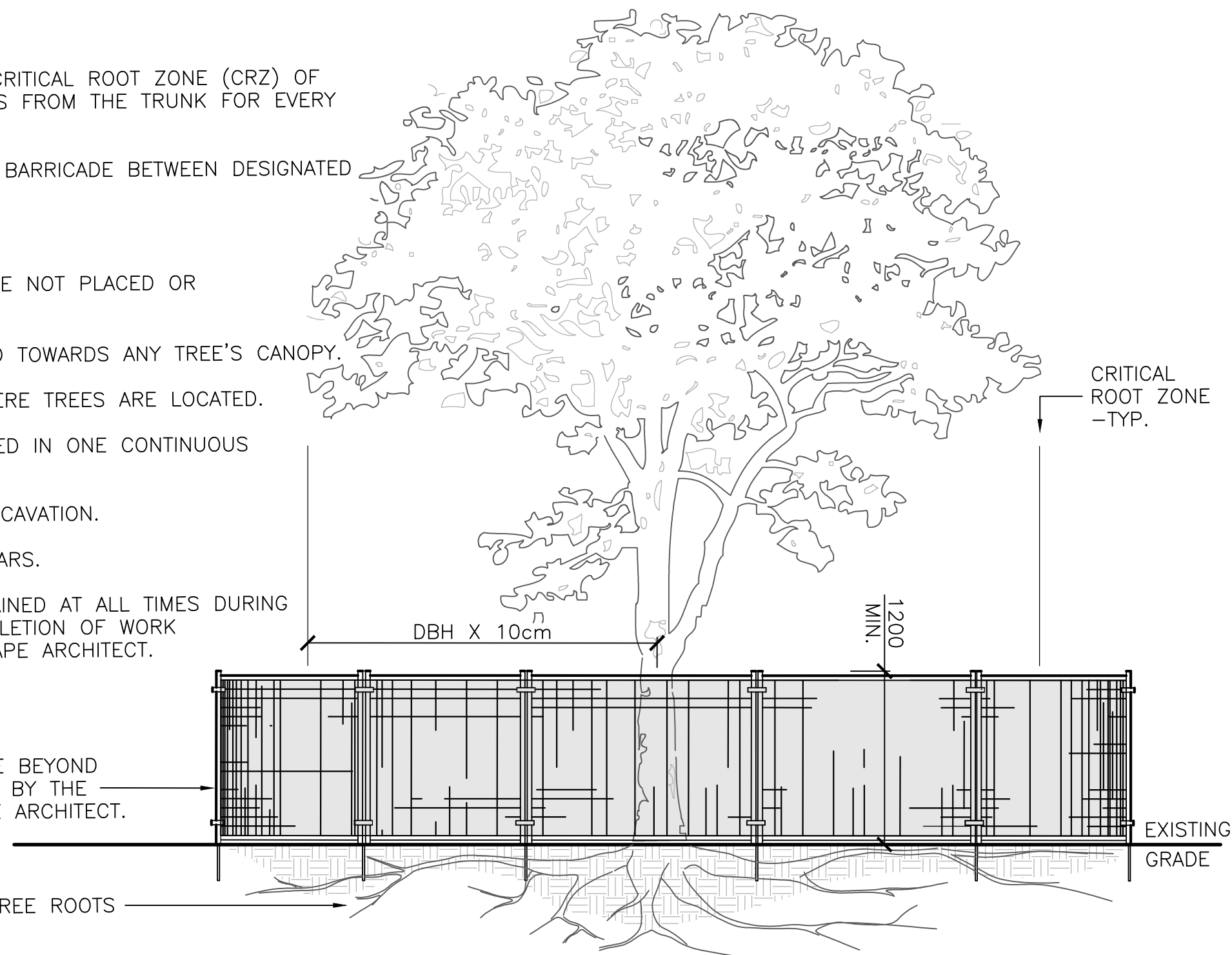
3 TREE PROTECTION

GENERAL NOTES

- THIS DEVELOPMENT PROPOSES THE FOLLOWING AREAS (ALL SITE IMPROVEMENTS ARE PROPOSED ON PRIVATE PROPERTY)
 - APPROXIMATELY 323 m² TO BE OCCUPIED BY THE FOOTPRINT OF THE PROPOSED BUILDING
 - APPROXIMATELY 173 m² TO BE COVERED WITH NEW HARD SURFACE
- REFER TO LANDSCAPE PLAN FOR NEW PLANTING. THE NEW PLANTING DOES NOT DIRECTLY REFLECT THE SPECIES DISTRIBUTION OF THE VEGETATION TO BE REMOVED. THE CHOSEN SPECIES TO BE INSTALLED OFFER A GREATER DIVERSITY OF SPECIES.
- THE DEVELOPMENT SITE IS NOT CONSIDERED OF PRIMARY OR SUPPORTING SIGNIFICANCE AS NATURAL LANDS IN THE GREENSPACE MASTER PLAN, NOR IS IT IDENTIFIED NEAR GREENSPACE NETWORK LANDS. DUE TO THE LOW ENVIRONMENTAL VALUE OF THE SITE, IT IS NOT EXPECTED THAT FURTHER DISTURBANCE WILL SIGNIFICANTLY IMPACT THE ECOLOGICAL FUNCTION OF THE SURROUNDING AREA.

STAKED/ ANCHORED CONSTRUCTION FENCE BEYOND CRITICAL ROOT ZONE UNLESS AUTHORIZED BY THE CONTRACT ADMINISTRATOR AND LANDSCAPE ARCHITECT.

UNDISTURBED NATIVE SOIL AND LATERAL TREE ROOTS



N.T.S.