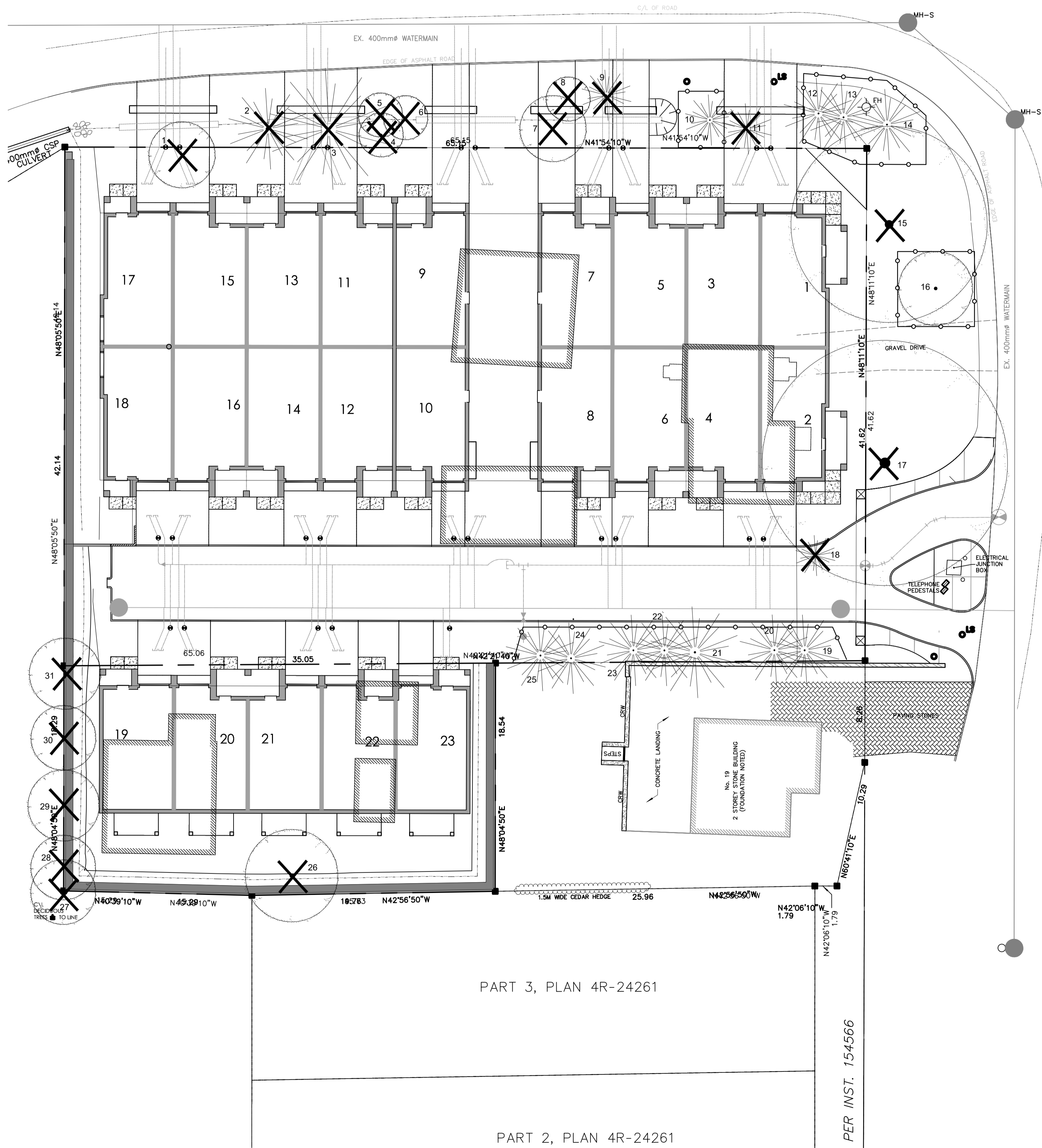


BACHMAN TERRACE



PART 3, PLAN 4R-24261

PART 2, PLAN 4R-24261

PER INST. 154566

TREES LOCATED ON 19 AND 23 BACHMAN TERRACE

PLA NT ID	BOTANICAL NAME	COMMON NAME	SIZE (DBH)*	CONDITION	REMARKS
1	Celtis occidentalis	Hackberry	30cm	Good, Clump	To be removed
2	Thuja occidentalis	White Cedar	15cm	Good	To be removed. Located in City of Ottawa right of way. In conflict with proposed culvert.
3	Picea glauca	White Spruce	30cm	Good	To be removed. Located in City of Ottawa right of way. In conflict with proposed driveway and underground utilities.
4	Thuja occidentalis	White Cedar	20cm	Good	To be removed. Located in City of Ottawa right of way. In conflict with proposed swale.
5	Thuja occidentalis	White Cedar	20cm	Good	To be removed. Located in City of Ottawa right of way. In conflict with proposed swale.
6	Thuja occidentalis	White Cedar	20cm	Good	To be removed. Located in City of Ottawa right of way. In conflict with proposed swale.
7	Acer platanoides	Norway Maple	25cm	Good	To be removed. Located in City of Ottawa right of way.
8	Rhamnus cathartica	Common Buckthorn	10cm	Poor	To be removed. Located in City of Ottawa right of way.
9	Picea glauca	White Spruce	25cm	Good	To be removed. Located in City of Ottawa right of way.
10	Thuja occidentalis	White Cedar	Clump	Good	To be protected. Located in City of Ottawa right of way.
11	Thuja occidentalis	White Cedar	30cm	Good	To be removed. Located in City of Ottawa right of way. In conflict with proposed underground services.
12	Pinus strobus	Eastern White Pine	20cm	Good	To be protected. Located in City of Ottawa right of way. To be pruned as per on-site Landscape Architect direction.
13	Pinus sylvestris	Scots Pine	20cm	Good	To be protected. Located in City of Ottawa right of way. To be pruned as per on-site Landscape Architect direction.
14	Pinus sylvestris	Scots Pine	20cm	Good	To be protected. Located in City of Ottawa right of way. To be pruned as per on-site Landscape Architect direction.
15	Salix	Willow	75cm	Poor	Currently marked by others to be removed (March 6, 2014). Located in City of Ottawa right of way.
16	Acer saccharum	Sugar Maple	30cm	Good	To be protected. Located in City of Ottawa right of way.
17	Salix	Willow	100cm	Good	To be removed. Located in City of Ottawa right of way. In conflict with new entrance and underground services.
18	Picea glauca	White Spruce	20cm	Good	To be removed. In conflict with proposed entrance.
19	Pinus strobus	Eastern White Pine	30cm	Good	To be protected
21	Pinus strobus	Eastern White Pine	30cm	Good	To be protected
22	Pinus strobus	Eastern White Pine	30cm	Good	To be protected
23	Pinus strobus	Eastern White Pine	30cm	Good	To be protected
24	Pinus strobus	Eastern White Pine	30cm	Good	To be protected
25	Pinus strobus	Eastern White Pine	30cm	Good	To be protected
26	Acer platanoides	Norway Maple	40cm	Good	To be removed. In conflict with proposed grades.
27	Populus tremuloides	Trembling Aspen	25cm	Good	To be removed. In conflict with proposed grades.
28	Populus tremuloides	Trembling Aspen	25cm	Good	To be removed. In conflict with proposed grades.
29	Fraxinus	Ash	30cm	Poor	Currently marked by others to be removed (March 6, 2014). In conflict with proposed grades.
30	Acer platanoides	Norway Maple	40cm	Good	To be removed. In conflict with proposed grades.
31	Fraxinus	Ash	30cm	Poor	Currently marked by others to be removed (March 6, 2014). In conflict with proposed grades.

NOTES - TREE PROTECTION:

- CONTRACTOR SHALL ENSURE THE PROTECTION OF MATURE TREES LOCATED ON EXISTING SITE, ADJACENT LAND OR THE RIGHT-OF-WAY BY INSTALLING TREE PROTECTION FENCING AT THE CRITICAL ROOT ZONE (CRZ) OF TREES WHERE THE CRZ IS ESTABLISHED AS BEING 10 CENTIMETRES FROM THE TRUNK OF A TREE FOR EVERY CENTIMETRE OF TRUNK DIAMETER AT BREAST HEIGHT (DBH). THE CRZ IS CALCULATED AS DBH X 10 CM.
- CONTRACTOR SHALL TRANSPLANT SMALLER TREES AT A TIME THAT IS SEASONALLY APPROPRIATE.
- DURING EXCAVATION EQUIPMENT MUST BE MAINTAINED WITHIN THE CONFINES OF THE WORK AREA SO AS NOT TO DISRUPT ANY TURF OR TREE ROOTS UNNECESSARILY. DO NOT PLACE ANY MATERIAL OR EQUIPMENT WITHIN THE CRITICAL ROOT ZONE (CRZ) OF ANY TREE TO BE RETAINED.
- CONTRACTOR SHALL ENSURE THAT NO FILL WILL BE ALLOWED TO OCCUR ON THE SURFACE ABOVE THE CRITICAL ROOT ZONE (CRZ) OF TREES.
- ALL EXCAVATED MATERIAL, INCLUDING IMPORTED MATERIAL, MUST BE REMOVED IMMEDIATELY AND NOT PLACED ON GRASS OR NEAR TREES IN ORDER TO PREVENT ROOT DAMAGE, ACCIDENTAL HITTING OF ADJACENT TREES, AND TURF DAMAGE OUTSIDE OF WORK AREA.
- CONTRACTOR SHALL MINIMIZE SOIL COMPACTION BY KEEPING OPERATION OF MACHINERY AND EQUIPMENT CONFINED TO DESIGNATED WORK AREA.
- CONTRACTOR SHALL KEEP A SPILL KIT ON SITE.
- CONTRACTOR SHALL DEVELOP AN EMERGENCY RESPONSE PLAN.
- CONTRACTOR SHALL AVOID SOIL CONTAMINATION AND FUTURE LIABILITY BY CONFINING THE OILING AND REFUELING OF MACHINERY AND EQUIPMENT TO DESIGNATED STAGING AREA.
- NO FUEL IS TO BE STORED WITHIN THE CRITICAL ROOT ZONE (CRZ) OF ANY TREE AND EXHAUST FUMES FROM ALL EQUIPMENT MUST NOT BE DIRECTED TOWARDS ANY TREE'S CANOPY.
- CONTRACTOR SHALL PREVENT ANY DAMAGE TO THE ROOT SYSTEM, TRUNK OR BRANCHES OF ANY TREES TO BE RETAINED ON SITE AND ON ADJACENT PROPERTIES.
- STORAGE OF EQUIPMENT AND VEHICLES WITHIN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES IS STRICTLY PROHIBITED.

NOTES - ROOT PROTECTION:

- SURFACE TREATMENT:**  
A PROTECTIVE ROOT BUFFER IS REQUIRED FOR A MINIMUM DISTANCE OF 2.0 METERS OUTSIDE OF THE TREE PROTECTION BARRIER. IN LOCATIONS WHERE EXCAVATION WILL NOT OCCUR, THIS BUFFER WILL CONSIST OF WOODCHIPS SPREAD TO A MINIMUM THICKNESS OF 10 CM.
- EXCAVATION/EXPOSED ROOTS:**  
NO EXCAVATIONS MAY TAKE PLACE WITHIN THE CRITICAL ROOT ZONE (CRZ). INSTEAD, DIRECTIONAL MULTI-TUNNELING AND BORING SHOULD BE EMPLOYED. WHEN EXCAVATION MUST TAKE PLACE OUTSIDE OF THE CRITICAL ROOT ZONE (CRZ) A TRENCH SHOULD BE DUG CAREFULLY EITHER BY HAND OR WITH HYDRAULIC OR PNEUMATIC AIR EXCAVATION TECHNOLOGY. AFTER THE TRENCH IS ESTABLISHED, A BACKHOE OR OTHER EQUIPMENT STATIONED OUTSIDE OF THE CRITICAL ROOT ZONE (CRZ) CAN BE USED TO COMPLETE THE WORK. IF ROOTS ARE ENCOUNTERED WHILE TRENCHING OUTSIDE OF THE CRITICAL ROOT ZONE (CRZ) THEY SHOULD BE CLEANLY CUT WITH EITHER PRUNING SHEARS OR SAW AND WIPED WITH ALCOHOL BEFORE EACH CUT. THIS WILL ENSURE CLEAN CUTS OF THE ROOTS, THUS FACILITATING HEALING.
- WATERING/FERTILIZATION:**  
IF ANY TREE ROOTS ARE EXPOSED DURING CONSTRUCTION, THEY SHOULD BE IMMEDIATELY REBURIED WITH SOIL OR TEMPORARILY COVERED WITH BURLAP, FILTER CLOTH OR WOODCHIPS AND KEPT MOIST (I.E. WATERING WITH A SOFT-SPRAY NOZZLE AT LEAST THREE TIMES A WEEK). A COVERING PLASTIC SHOULD BE USED IN ORDER TO RETAIN MOISTURE DURING AN EXTENDED PERIOD WHEN WATERING MAY NOT BE POSSIBLE (I.E. OVER WEEKENDS).



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Consultants

Legend

- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- DECIDUOUS TREE TO BE REMOVED
- TREE PROTECTION FENCE
- PROPERTY LINE / LIMIT OF CONSTRUCTION

Approved by the Ontario Municipal Board Per:

Board Secretary

Certified to be in conformity with the Ontario Municipal Board decision dated August 21, 2015, OMB File No. P141061

Felice Petti, P. Eng., Manager  
Development Review, Suburban Services

Revision	By	Appd.	YY.MM.DD
2.	Issued for Site Plan Approval	BD	CG 15.10.27
1.	Issued for Site Plan Approval	BD	CG 14.04.15
Issued		By	Appd. YY.MM.DD
File Name:	160401069_LP.dwg	BD	CG CG 14.03.06
		Dwn.	Chkd. Dsgn. YY.MM.DD

Permit-Seal

Client/Project  
TEGA DEVELOPMENTS

19 & 23 BACHMAN TERRACE  
OTTAWA

Title  
TREE INVENTORY/  
PRESERVATION PLAN

Project No. 160401069	Scale 1:200	Sheet 1	Revision 0
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