

M:\2016\116151\CADD\Landscape\1-Plan\116151\_TCR1.dwg, TCR, Apr 04, 2018 - 9:17am, mrcoulson

NOTE:  
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

NOT FOR  
CONSTRUCTION

OWNER INFORMATION  
CDRG+REDTEAM  
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1.	ISSUE FOR SITE PLAN APPLICATION	MAR 29/18	RJ	
No.	REVISION	DATE	BY	

SCALE
1:200
1:200 0 2 4 6 8

DESIGN	RJ
CHECKED	RJ
DRAWN	MT
CHECKED	RJ
APPROVED	RJ

FOR REVIEW ONLY



**NOVATECH**  
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LOCATION  
1795 MONTREAL ROAD  
OTTAWA, ONTARIO

DRAWING NAME  
TREE CONSERVATION PLAN

PROJECT No.	116151-00
REV	REV # 1
DRAWING No.	116151-TCR1

CRITICAL ROOT ZONE  
DBH X 10

CRITICAL ROOT ZONE  
DBH X 10

REFER TO THE TREE PROTECTION NOTES, FOUND ON THE PLANS AND/ OR REPORT.

TREES SHALL BE PROTECTED WITH A TEMPORARY FENCE ERECTED AT THE CRITICAL ROOT ZONE (CRZ). THE CRZ IS ESTABLISHED AS DBH x 10cm. SEE PLAN FOR LOCATION.

THE SURVEY SHALL SHOW EXISTING ELEVATION AT BASE OF ALL TREES TO BE PRESERVED.

PRUNE BRANCHES TO REMOVE DAMAGED OR OBJECTIONABLE BRANCHES. DO NOT PRUNE LEADERS. DO NOT PRUNE MORE THAN 1/4 OF CROWN.

TREE PROTECTION TO REMAIN UNTIL THE SODDING/ SEEDING PHASE OF THE PROJECT IS STARTED, REMOVE FENCE AT THIS TIME.

IF TREES ARE BEING AFFECTED BY CONSTRUCTION, A WATER AND FERTILIZING PROGRAM SHOULD BE SET UP TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.

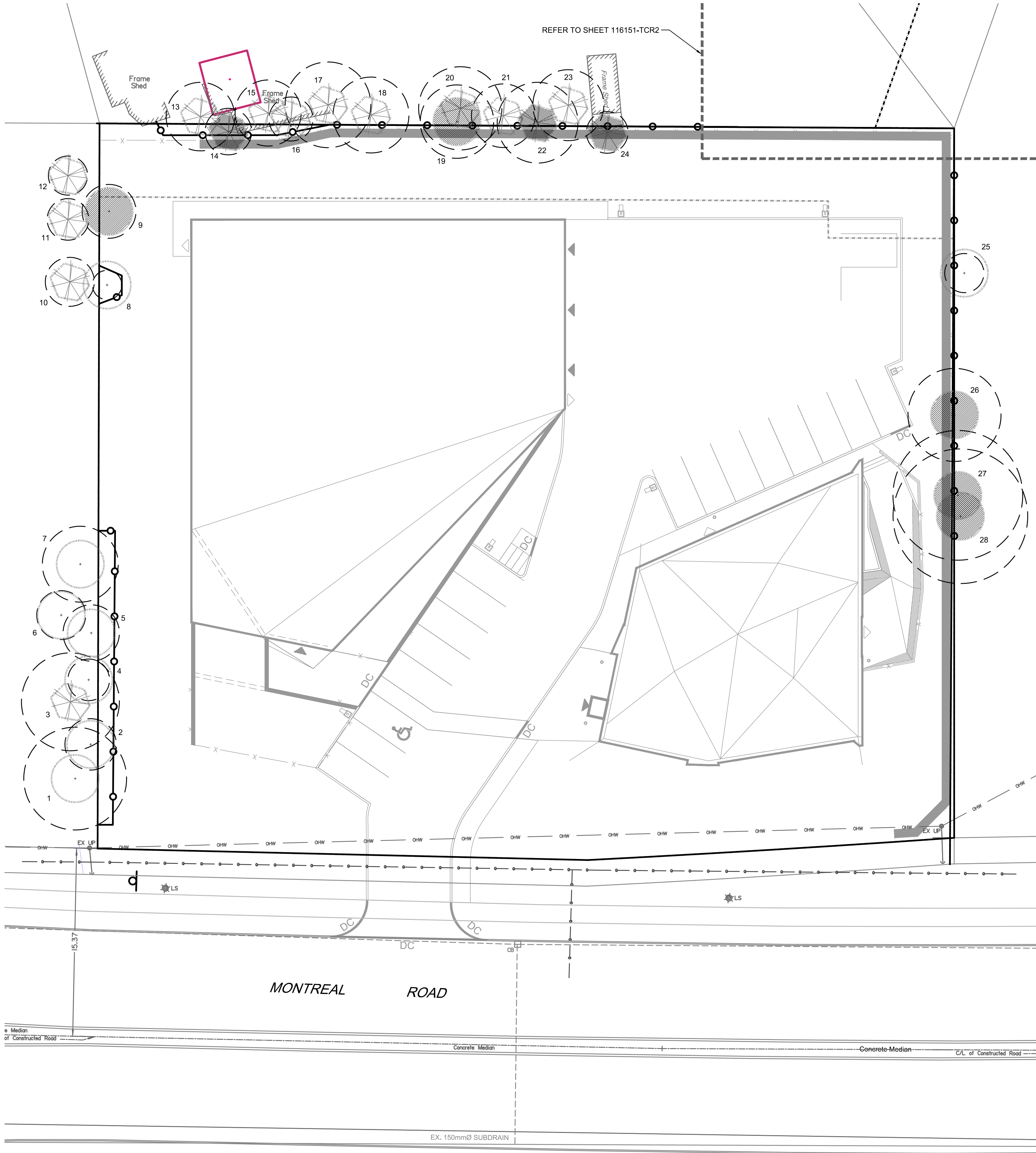
2.0m STEEL T BAR WITH PREDRILLED HOLES  
ORANGE SNOW FENCE OR STANDARD PAGE WIRE FARM FENCE, 1200mm HT.  
UNDISTURBED SOIL.

1500 O.C. MAX

1200

800 MIN

D1



LANDSCAPE LEGEND:

- EXISTING TREE TO REMAIN
- EXISTING TREE TO REMOVE
- TREE PROTECTION FENCE
- CRITICAL ROOT ZONE

### EXISTING TREE INVENTORY

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Remarks	Recomm.
1	Ulmus pumila	Siberian Elm	42	4.20	P	Large wound at base	Retain
2	Acer platanoides	Norway Maple	21	2.10	F	Topped by tree #1	Retain
3	Pinus nigra	Austrian Pine	40	4.00	F	Thin canopy	Retain
4	Populus grandidentata	Large-toothed Aspen	17	1.70	F	Crook	Retain
5	Acer negundo	Manitoba Maple	23	2.30	VP		Retain
6	Populus grandidentata	Large-toothed Aspen	20	2.00	F	Crook and sweep in main stem	Retain
7	Populus grandidentata	Large-toothed Aspen	31	3.10	F	Sap run	Retain
8	Acer ginnala	Amur Maple	12	1.20	G	Multi-stem	Retain
9	Acer platanoides	Norway Maple	22	2.20	G		Remove
10	Pinus sylvestris	Scots Pine	20	2.00	G		Retain
11	Pinus nigra	Austrian Pine	17	1.70	F	Thin canopy	Retain
12	Pinus sylvestris	Scots Pine	16	1.60	G		Retain
13	Picea glauca	White Spruce	28	2.80	G		Retain
14	Thuja occidentalis	White Cedar	19	1.90	G	Tree growing in conflict with adjacent structure	Remove
15	Picea pungens var. glauca	Colorado Spruce	27	2.70	P	Shield built around it	Retain
16	Picea pungens var. glauca	Colorado Spruce	18	1.80	P	Growing into fence	Retain
17	Picea pungens var. glauca	Colorado Spruce	35	3.50	G		Retain
18	Picea pungens var. glauca	Colorado Spruce	31	3.10	G		Retain
19	Ulmus pumila	Siberian Elm	30	3.00	F	Root breakage	Remove
20	Picea pungens var. glauca	Colorado Spruce	34	3.40	G		Retain
21	Picea pungens var. glauca	Colorado Spruce	26	2.60	G		Retain
22	Picea pungens var. glauca	Colorado Spruce	33	3.30	G		Remove
23	Picea pungens var. glauca	Colorado Spruce	29	2.90	P	Multi-stem	Retain
24	Picea pungens var. glauca	Colorado Spruce	17	1.70	G		Remove
25	Acer negundo	Manitoba Maple	16	1.60	G	Multi-stem	Retain
26	Acer saccharum	Sugar Maple	38	3.80	P	Black bark	Remove
27	Acer saccharum	Sugar Maple	53	5.30	F	Many small wounds	Remove
28	Acer saccharum	Sugar Maple	55	5.50	F	Cavity at base	Remove

Legend
G Good
F Fair
P Poor
VP Very Poor

### TREE PROTECTION NOTES

The following protection measures must be implemented for retained trees, both on site and on adjacent sites, prior to any tree removal or site works and maintained for the duration of construction on site:

- Under the guidance of a Landscape Architect or Certified Arborist, erect a fence 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. The CRZ is calculated as DBH x 10cm. Refer to the Tree Protection Fence detail. See plan for fence location.
- When trees to be removed overlap with the CRZ of trees to be preserved: cut roots at the edge of the CRZ and grind down stumps after tree removals, do not pull out stumps. Ensure there is no root pulling or disturbance of the ground within the CRZ.
- If roots must be cut, roots 20mm or larger should be cut at right angles with clean, sharp horticultural tools without tearing, crushing, or pulling. Refer to City of Ottawa Specification S.P. F-8011 Tree Protection, Excavation of Root Zone.
- Hand work only where required within the CRZ; absolutely no machinery permitted.
- Do not place any material or equipment within the CRZ of any tree.
- Do not attach any signs, notices or posters to any tree.
- Do not disturb, raise or lower the existing grade within the CRZ without approval.
- Only tunnel or bore when digging within the CRZ of a tree.
- Do not damage the root system, trunk, or branches of any tree.
- Ensure that exhaust fumes from all equipment are directed away from any tree canopy.

NOTE: TREE LOCATIONS ARE APPROXIMATED