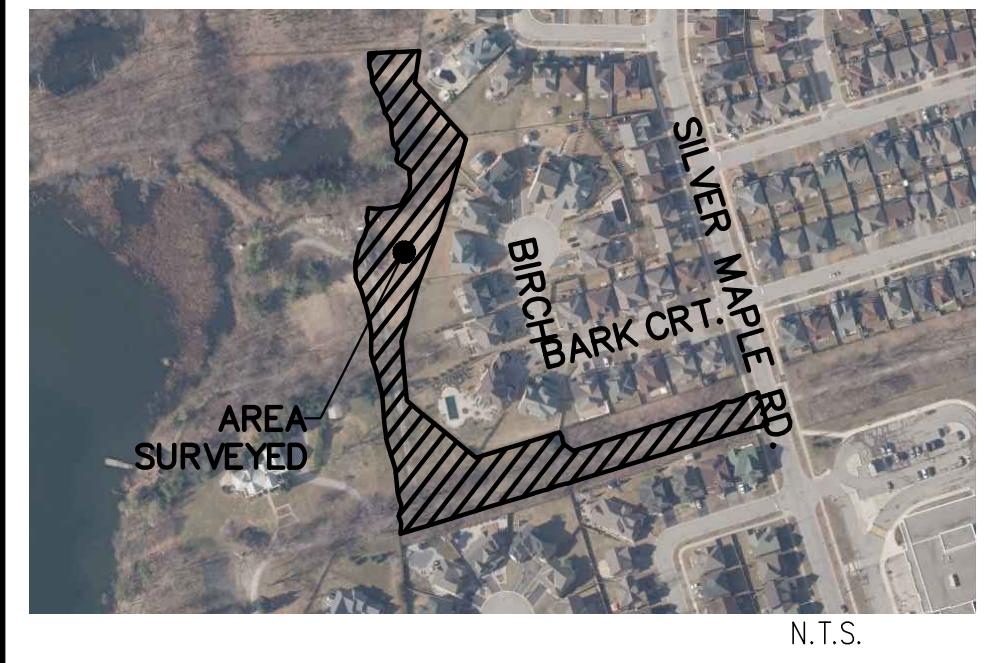


KEY MAP

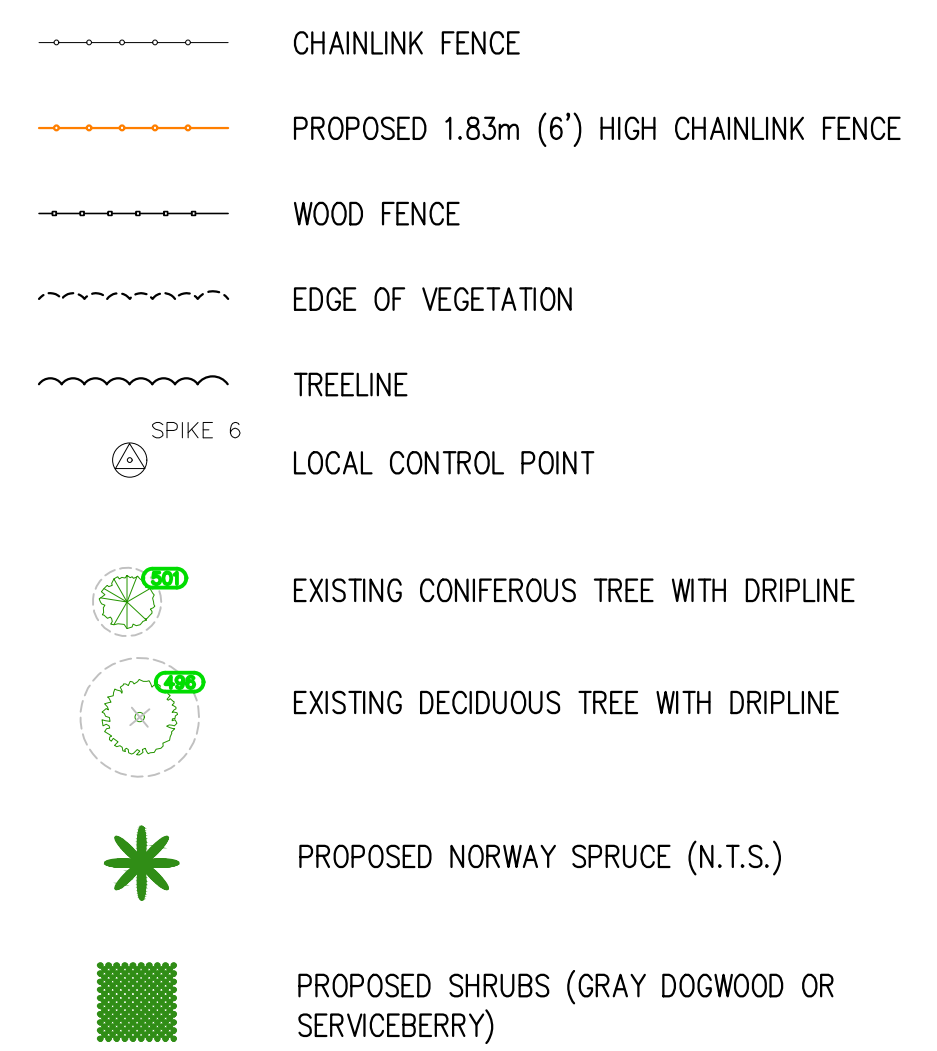


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HORIZONTAL CONTROL IS IN 6' UTM (NAD83-CSRS). COORDINATES HAVE BEEN DERIVED FROM CITY OF VAUGHAN HCM No.'s 10519980112 AND 10519980114.
2. SURVEY PERFORMED BY TRCA STAFF ON JANUARY 14, 16, 17 AND 18, 2019.
3. CONTOUR INTERVAL IS 0.25 METERS.

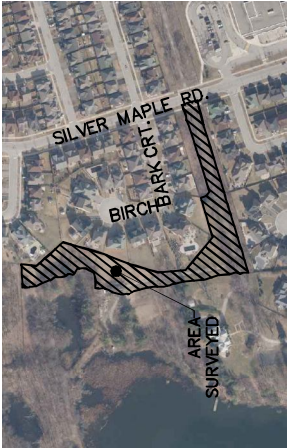
LEGEND



		REVISONS / STATUS			
NO.	DATE	DESCRIPTION			APP'D.
1	JAN21/19	ISSUED FOR REVIEW			
1	JAN24/19	ISSUED FOR REVIEW			
DESIGN		C.C.	CHECKED	X.X.	APPROVED
PROJECT TITLE					
MACLEOD ESTATE TRAIL TOWN OF RICHMONDHILL					
DRAWING TITLE					
MACLEOD ESTATE TRAIL PROPOSED ALIGNMENT PLAN VIEW					
DRAWING NO.			FILE NO.		
F1731-D1.dwg			1 OF 6		
DATE		SCALE		REV.	
JAN 24, 2019		AS SHOWN			



KEY MAP

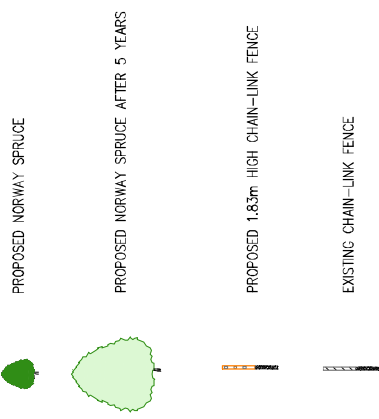


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- CONTOUR INTERVAL IS 0.25 METERS.

LEGEND



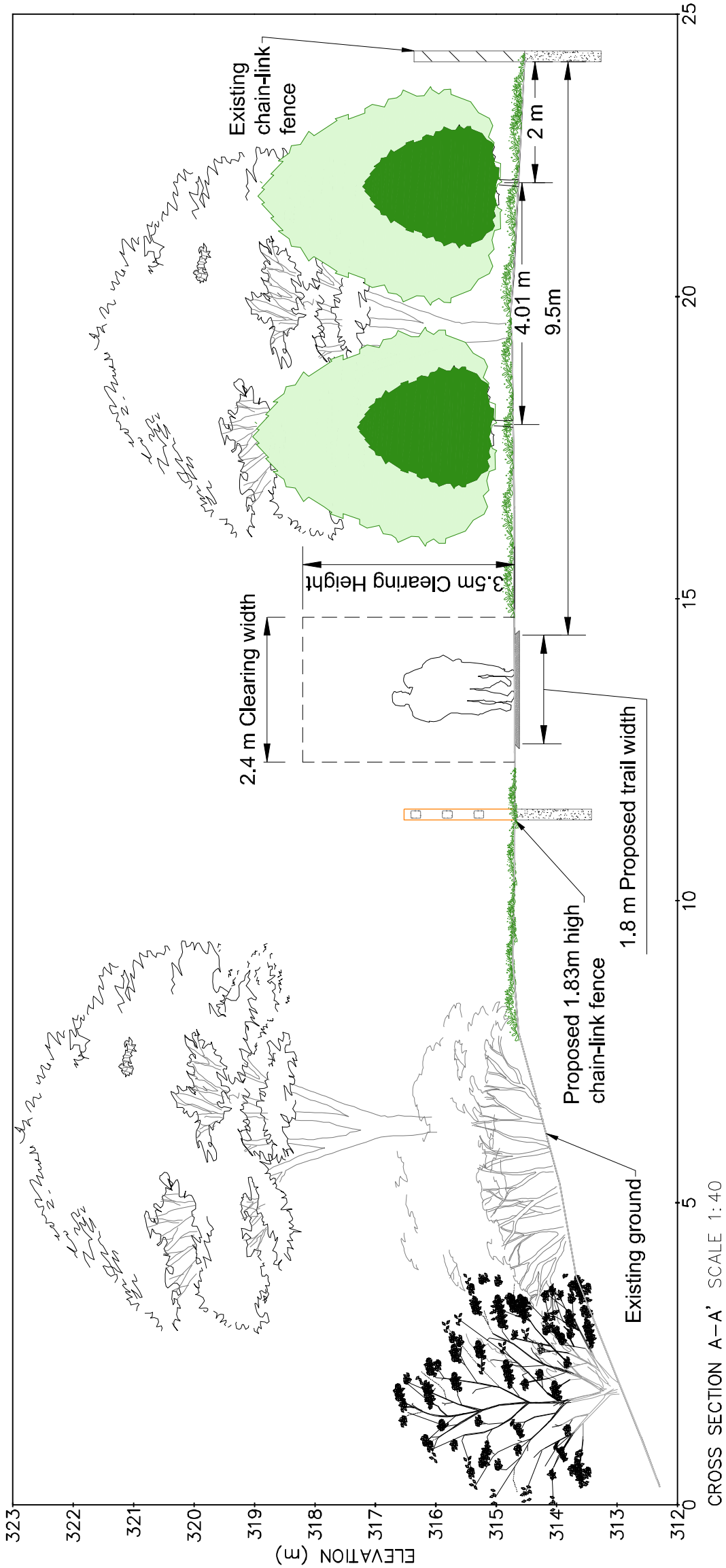
NO.	DATE	REVISIONS/STATUS		APP'D.
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1	JAN21/19	ISSUED FOR REVIEW		
2	JAN24/19	ISSUED FOR REVIEW		

DESIGN	DRAWN	C.C.	CHECKED	X.X.	APPROVED

PROJECT TITLE
MACLEOD ESTATE TRAIL
TOWN OF RICHMONDHILL

DRAWING TITLE
MACLEOD ESTATE TRAIL
PROPOSED ALIGNMENT
CROSS-SECTION A-A'

DRAWING NO.	F1731-D2	FILE NO.	2 OF 6
DATE	JAN 24, 2019	SCALE	AS SHOWN
			REV.



KEY MAP



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- SURVEY PERFORMED BY TRCA STAFF ON JANUARY 14, 16, 17 AND 18, 2019.
- CONTOUR INTERVAL IS 0.25 METERS.

LEGEND

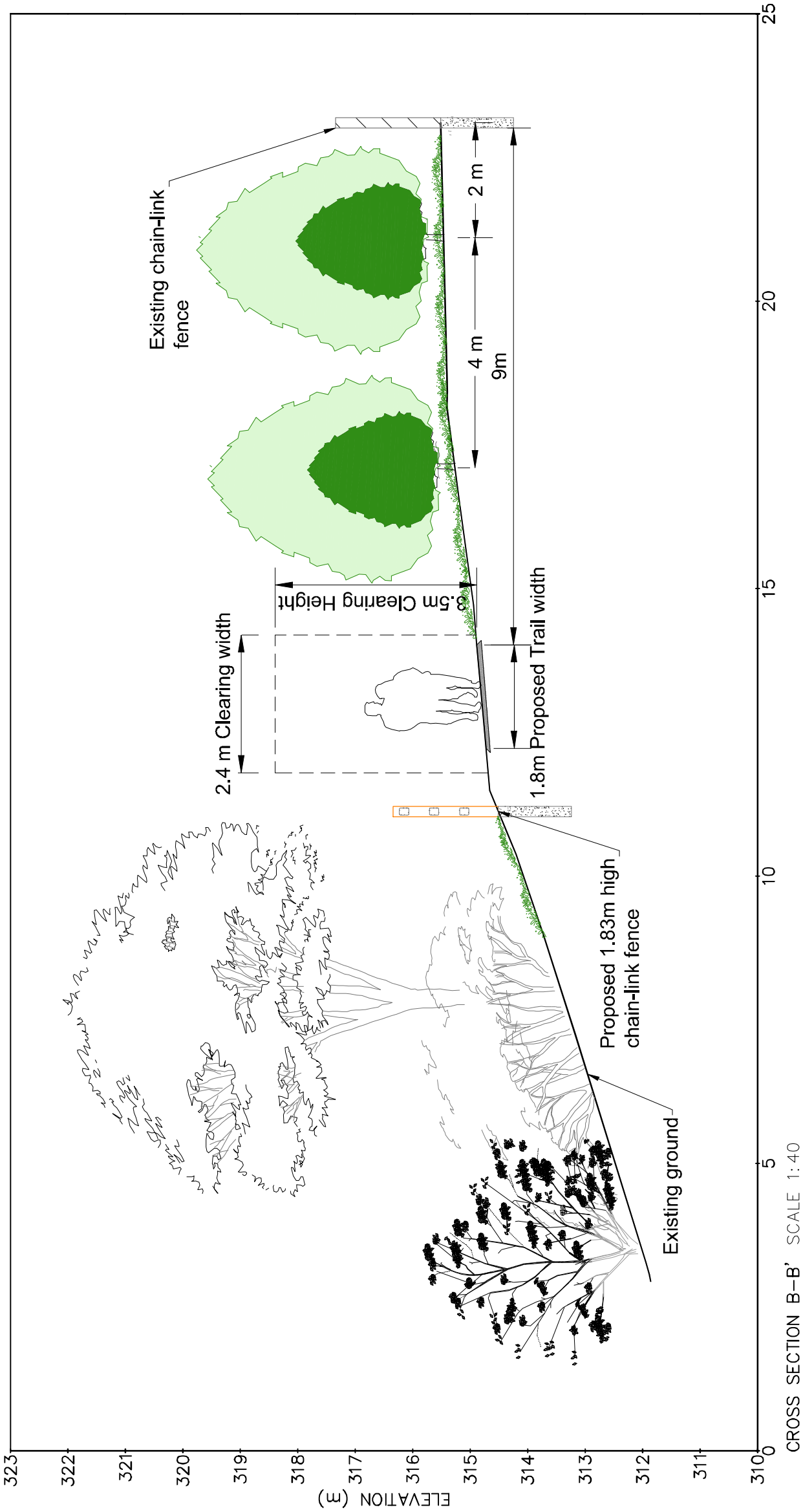
- PROPOSED NORWAY SPRUCE
- PROPOSED NORWAY SPRUCE AFTER 5 YEARS
- PROPOSED 1.83m HIGH CHAIN-LINK FENCE
- EXISTING CHAIN-LINK FENCE

REVISIONS/STATUS		APPR'D.	
NO.	DATE	DESCRIPTION	
1	JAN21/19	ISSUED FOR REVIEW	
2	JAN24/19	ISSUED FOR REVIEW	
DESIGN		DRAWN	C.C.
		CHECKED	X.X.
		APPROVED	

PROJECT TITLE
MACLEOD ESTATE TRAIL
TOWN OF RICHMONDHILL

DRAWING TITLE
MACLEOD ESTATE TRAIL
PROPOSED ALIGNMENT
CROSS-SECTION B-B'

DRAWING NO.	FILE NO.	3 OF 6
F1731-D3		
DATE	SCALE	REV.
JAN 24, 2019	AS SHOWN	



CROSS SECTION B-B' SCALE 1:40

KEY MAP








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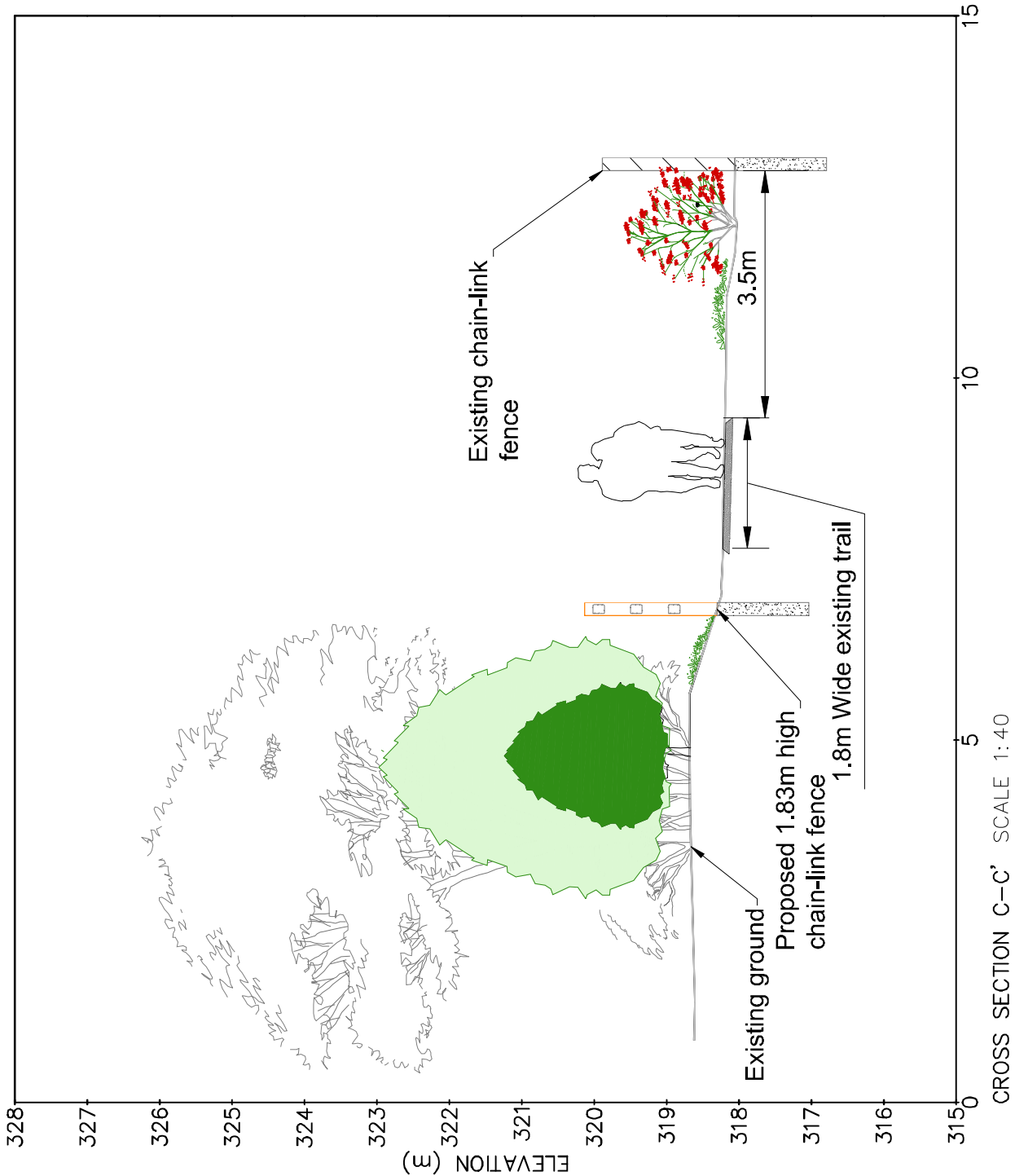
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- SURVEY PERFORMED BY TRCA STAFF ON JANUARY 14, 16, 17 AND 18, 2019.
- CONTOUR INTERVAL IS 0.25 METERS.

LEGEND

-  PROPOSED NORWAY SPRUCE
-  PROPOSED NORWAY SPRUCE AFTER 5 YEARS
-  PROPOSED SHRUBS (GRAY DOGWOOD OR SERVICEBERRY)
-  PROPOSED 1.83m HIGH CHAIN-LINK FENCE
-  EXISTING CHAIN-LINK FENCE

		REVISIONS/STATUS			
NO.	DATE	DESCRIPTION		APP'D.	
1	JAN21/19	ISSUED FOR REVIEW			
2	JAN24/19	ISSUED FOR REVIEW			
DESIGN	DRAWN	C.C.	CHECKED	X.X.	APPROVED
PROJECT TITLE					
MACLEOD ESTATE TRAIL TOWN OF RICHMONDHILL					
DRAWING TITLE					
MACLEOD ESTATE TRAIL PROPOSED ALIGNMENT CROSS-SECTION C-C'					
DRAWING NO.		F1731-D4		FILE NO.	4 OF 6
DATE	JAN 24, 2019	SCALE		AS SHOWN	
				REV.	



KEY MAP



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LEGEND

- PROPOSED NORWAY SPRUCE
- PROPOSED NORWAY SPRUCE AFTER 5 YEARS
- PROPOSED 1.83m HIGH CHAIN-LINK FENCE
- EXISTING CHAIN-LINK FENCE
- EXISTING WOODEN FENCE

REVISIONS/STATUS		APPROVED	
NO.	DATE	DESCRIPTION	
1	JAN21/19	ISSUED FOR REVIEW	
2	JAN24/19	ISSUED FOR REVIEW	
DESIGN		DRAWN	C.C.
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		APPROVED	

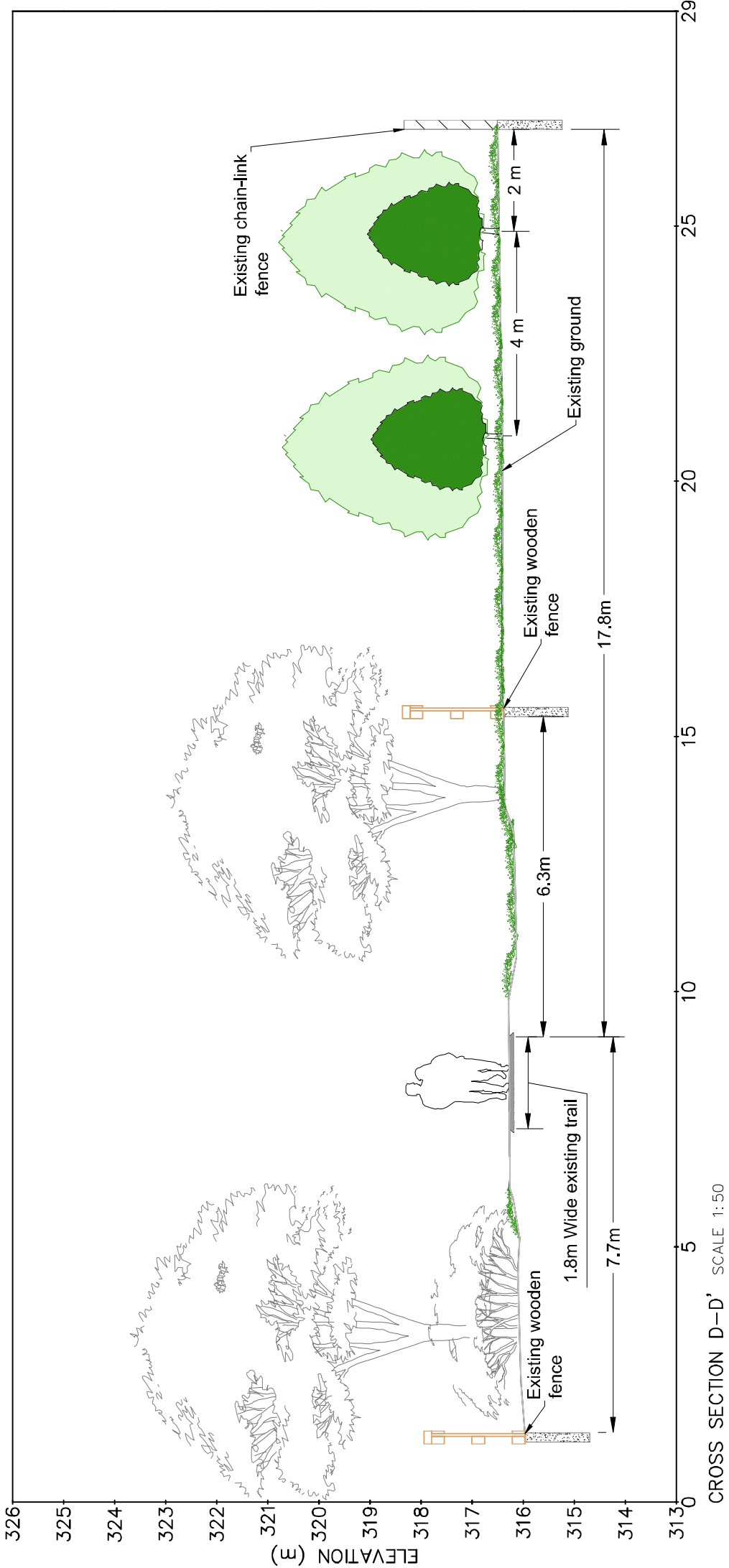
PROJECT TITLE

MACLEOD ESTATE TRAIL
TOWN OF RICHMONDHILL

DRAWING TITLE

MACLEOD ESTATE TRAIL
PROPOSED ALIGNMENT
CROSS-SECTION D-D'

DRAWING NO.	F1731-D5	FILE NO.	5 OF 6
DATE	JAN 24, 2019	SCALE	AS SHOWN
			REV.





Gray Dogwood :

- Potted stock- average height is 175 cm (1.75 meters)

Gray Dogwood will grow to be about 8 feet tall at maturity, with a spread of 6 feet. It has a low canopy with a typical clearance of 1 foot from the ground. It grows at a slow rate, and can grow 1 foot in height per year. Under ideal conditions gray dogwood can be expected to live for 40 years or more.



Downy Serviceberry :

- Potted stock- average height is 175 cm (1.75 meters)

Downy serviceberry is a small tree or multi-stemmed large shrub. It has a rounded crown with many small arching, spreading branches. Tree/shrub can grow 20 to 50 feet in height with a variable spread. It will grow to full size in between 5-8 years. Plants can be grown single-trunked or multi-stemmed. It rarely lives longer than 50 years.



Planting Notes

Planting will take place the spring after trail implementation Shrubs cannot be planted among the norway spruce for additional privacy in early stages, it would cause low survival rates.

Full plant care program will be implemented, includes 3 waterings in the first season, plant monitoring (and replacements if necessary) for 2 years following

Deer like to browse on newly planted trees and will likely lower survival ship, this is a major consideration of species choice

The smaller the plant at the time of planting, the higher the survival rates (the proposed tree size is the largest we would want to plant in this type of application), they are also the most expensive to plant and care for Trees are planted 2 m from property fence line and 4 m apart in all directions



White Spruce:


White spruce can live between 50 to 100 years, and can reach the height of 20 to 25 m (65 to 80 ft), with a spread up to 6 m (20 ft). The tree has a moderate growth rate. It can grow from 30 to 60 cm (12 to 24 in.) a year till maturity.



Fragrant Sumac :

- Potted stock- average height is 80 cm to 125 cm

Fragrant Sumac will grow to be about 6 feet tall at maturity, with a spread of 6 feet. It grows at a slow rate, it will grow to full size in between 5-8 years and under ideal conditions can be expected to live for approximately 25 years.



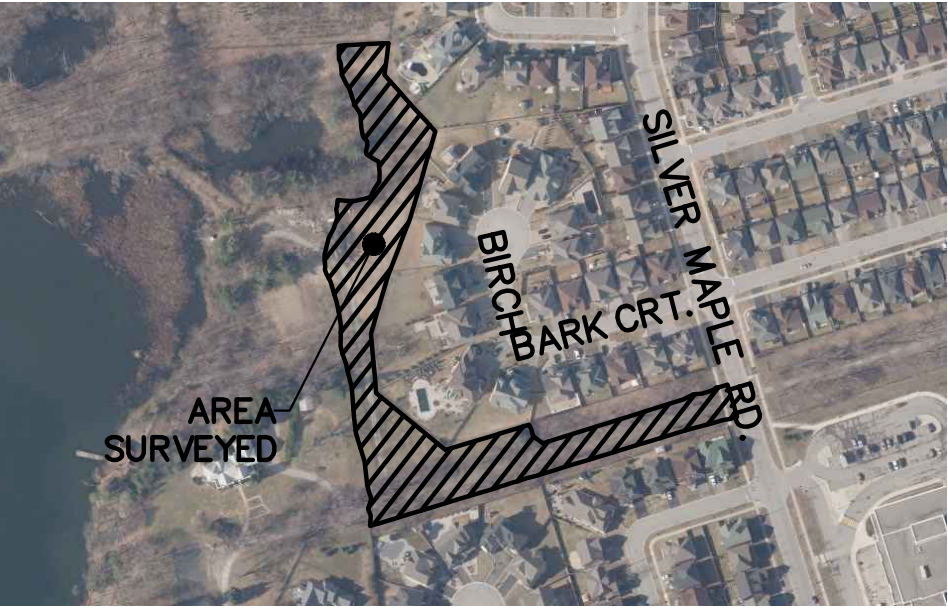
Toronto and Region

Conservation Authority

Member of Conservation Ontario

5 shoreham drive • downsview ontario m3n 1s4 (416) 661-6600

KEY MAP



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3. CONTOUR INTERVAL IS 0.25 METERS.

LEGEND

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			APPROVED	

PROJECT TITLE

MACLEOD ESTATE TRAIL

TOWN OF RICHMONDHILL

DRAWING TITLE

MACLEOD ESTATE TRAIL

PLANT DESCRIPTIONS

DRAWING NO.		F1731--D6		FILE NO.		6 OF 6	
DATE	JAN 24, 2019	SCALE	AS SHOWN		REV.		