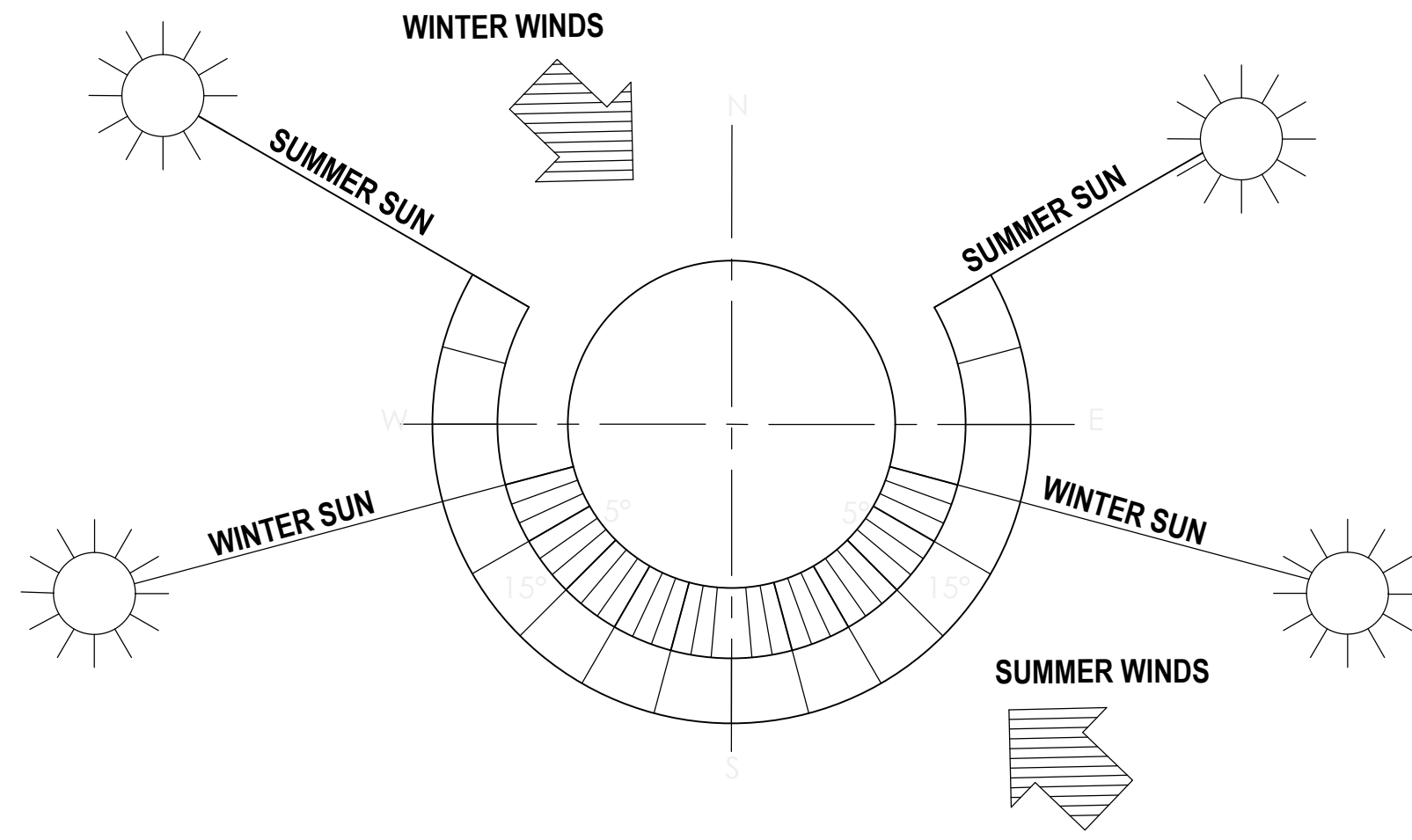


SOLAR DIAGRAM



**CONTRIBUTION TO CANOPY COVER**  
 TOTAL SITE AREA (LIMIT OF PROJECT DISTURBANCE) 16,733.50 sq.m.  
 CANOPY COVER (EXISTING) REFER TO TCR 8,996 sq.m.  
 POSSIBLE CANOPY COVER (OF NEW PLANTINGS) 53.8%  
 POSSIBLE CANOPY COVER AS PERCENTAGE OF SITE

\* CALCULATION EXCLUDES ANY OVERLAP ON CANOPIES AND BUILDINGS.  
 \* 5M RADIUS IS PROJECTED FOR CONIFEROUS TREES  
 \* 7M RADIUS IS PROJECTED FOR DECIDUOUS TREES

**SOIL VOLUME AND CONDITION NOTE**  
 ALL TREES AND SHRUBS PROPOSED WILL BE PLANTED ON DISTURBED SOILS AS PER RELEVANT CITY STANDARDS FOR PLANTINGS INCLUDING L2, L14, L16, L18, L-19 AS PER DETAIL SHEET LD-1.

NO TREES ARE PROPOSED ON STRUCTURE. ALL TREES SHALL BE MINIMUM 1.5M OFFSET ADJACENT CURB OR PAVEMENT/STRUCTURE EDGE.

**SITE DEVELOPMENT NOTE**  
 THERE ARE NO PROPOSED OR NOTED UNSTABLE SLOPES WITHIN THE LIMITS OF SITE LANDSCAPE DEVELOPMENT.

REFER TO CIVIL DRAWINGS FOR ALL GRADING AND UTILITY/SERVICING INFORMATION.

THE EXISTING WATERCOURSE (CREEK) AT THE NORTH-WEST EDGE OF DEVELOPMENT AREA IS SHOWN FOR INFORMATION, PROXIMATE TO KITIGAN GROVE, SOUTH OF STATION ROAD AND THE RAIL CORRIDOR.

RELEVANT OFFSETS AND EASEMENTS ARE SHOWN WHERE/AS APPLICABLE. REFER ALSO TO ARCHITECTURAL SITE PLAN FOR COMPLETE LEGAL AND EASEMENT INFORMATION.

PLANT LIST - WHIP NATURALIZATION

REFER TO LANDSCAPE PLAN (LP-1)

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+AR	50	Acer rubrum	Red Maple	1.5m H	WHIPNATIVE	CITY STD. L18
+BP	35	Betula papyrifera	Paper Birch	1.5m H	WHIPNATIVE	CITY STD. L18
+CA	30	Carya ovata	Shagbark Hickory	1.5m H	WHIPNATIVE	CITY STD. L18
+CO	60	Celtis occidentalis	Common Hackberry	1.5m H	WHIPNATIVE	CITY STD. L18
+CM	30	Crataegus mollis	Red Hawthorn	1.5m H	WHIPNATIVE	CITY STD. L18
+QM	30	Quercus macrocarpa	Burr Oak	1.5m H	WHIPNATIVE	CITY STD. L18
+QR	45	Quercus rubra	Red Oak	1.5m H	WHIPNATIVE	CITY STD. L18
+SD	40	Sorbus discolor	Showy Mountain Ash	1.5m H	WHIPNATIVE	CITY STD. L18
+TA	45	Tilia americana	American Basswood	1.5m H	WHIPNATIVE	CITY STD. L18

CONIFEROUS TREES

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+LL	10	Larix laricina	Common Larch	1.5m H	WHIPNATIVE	CITY STD. L18
+PG	8	Pinus glauca	White Spruce	1.5m H	WHIPNATIVE	CITY STD. L18
+PS	15	Pinus strobus	White Pine	1.5m H	WHIPNATIVE	CITY STD. L18

DECIDUOUS SHRUBS

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+AnA	20	Aronia arbutifolia	Saskatoon Serviceberry	1.5m H	WHIPNATIVE	CITY STD. L18
+Am	30	Aronia melanocarpa	Native Chokeberry	1.5m H	WHIPNATIVE	CITY STD. L18
+Sd	35	Salix discolor	Pussy Willow	1.5m H	WHIPNATIVE	CITY STD. L18
+Vt	40	Viburnum trilobum	Highbush Cranberry	1.5m H	WHIPNATIVE	CITY STD. L18

CONIFEROUS SHRUBS

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
+Jh	20	Juniperus horizontalis	Scrub Juniper	1.5m H	WHIPNATIVE	CITY STD. L18
+Tc	15	Taxus canadensis	Canadian Yew	1.5m H	WHIPNATIVE	CITY STD. L18

PLANT LIST DECIDUOUS SHADE TREES

REFER TO LANDSCAPE PLAN (LP-1)

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	NOTE	CONDITION
AR	12	Acer rubrum	Red Maple	50mm cal.	NATIVE, SPACING PER PLAN	B.B. or W.B.
BP	11	Betula papyrifera	Paper Birch	50mm cal.	NATIVE, SPACING PER PLAN	B.B. or W.B.
CA	12	Carya ovata	Shagbark Hickory	50mm cal.	NATIVE, SPACING PER PLAN	B.B. or W.B.
CO	7	Celtis occidentalis	Common Hackberry	50mm cal.	NATIVE, SPACING PER PLAN	B.B. or W.B.
CM	11	Crataegus mollis	Red Hawthorn	40mm cal.	NATIVE, SPACING PER PLAN	B.B. or W.B.
GT	5	Gleditsia inaequalis	Honey Locust	50mm cal.	NATIVE, SPACING PER PLAN	B.B. or W.B.
QM	6	Quercus macrocarpa	Burr Oak	50mm cal.	NATIVE, SPACING PER PLAN	B.B. or W.B.
QR	10	Quercus rubra	Red Oak	50mm cal.	NATIVE, SPACING PER PLAN	B.B. or W.B.
SD	7	Sorbus discolor	Showy Mountain Ash	40mm cal.	2 PROPOSED ON CITY PROP	B.B. or W.B.
TA	6	Tilia americana	American Basswood	50mm cal.	NATIVE, SPACING PER PLAN	B.B. or W.B.

CONIFEROUS TREES

KEY	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONDITION
LL	14	Larix laricina	Common Larch	2m height	NATIVE, SPACING PER PLAN B.B. or W.B.
PG	20	Pinus glauca	White Spruce	2m height	NATIVE, SPACING PER PLAN B.B. or W.B.
PS	29	Pinus strobus	White Pine	2m height	NATIVE, SPACING PER PLAN B.B. or W.B.

DECIDUOUS SHRUBS - 'CONTINUOUS BED'

KEY	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONDITION
AnA	80	Aronia arbutifolia	Saskatoon Serviceberry	125 cm	NATIVE, SPACING PER PLAN POTTED
Am	110	Aronia melanocarpa	Native Chokeberry	80 cm	NATIVE, SPACING PER PLAN POTTED
Sd	50	Salix discolor	Pussy Willow	80 cm	NATIVE, SPACING PER PLAN POTTED
Vt	80	Viburnum trilobum	Highbush Cranberry	40 cm	NATIVE, SPACING PER PLAN POTTED

CONIFEROUS SHRUBS - 'CONTINUOUS BED'

KEY	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONDITION
Jh	150	Juniperus horizontalis	Scrub Juniper	30 cm	NATIVE, SPACING PER PLAN POTTED
Tc	180	Taxus canadensis	Canadian Yew	80 cm	NATIVE, SPACING PER PLAN POTTED

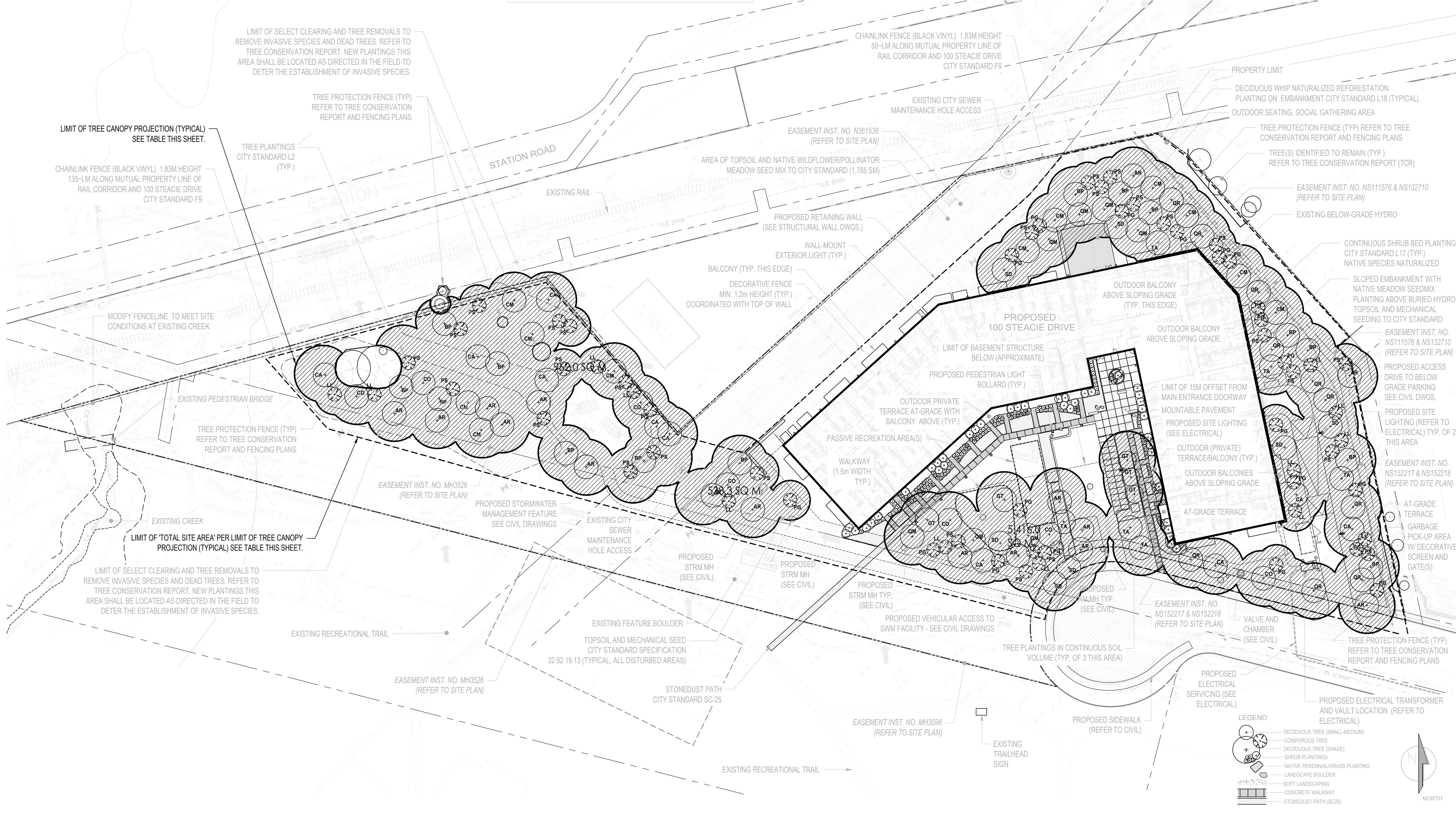
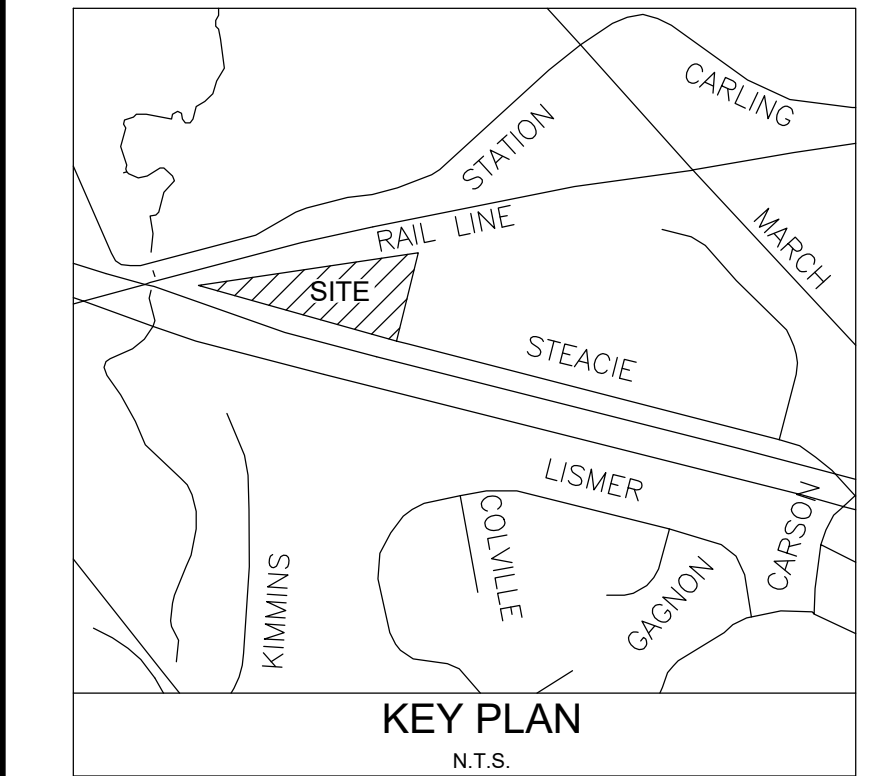
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PREPARED FOR:

PREPARED BY:

siteform

KEY MAP



ISSUED FOR SITE PLAN APPLICATION (rev)	JAL	26.03.24
ISSUED FOR PERMIT	JAL	25.12.19
ISSUED FOR SITE PLAN APPLICATION (rev)	JAL	25.10.24
Revision	By	Appd.
		YYMMDD

File Name: \_\_\_\_\_ Dwn. Chkd. Dgns. YYMMDD

REFER TO ARCHITECTURAL SITE PLAN FOR DISCIPLINE SPECIFIC PROFESSIONALS OF RECORD INFORMATION INCLUDING ARCHITECTURE, ENGINEERING, SURVEYOR AND RELATED LEGAL DESCRIPTIONS.

NOT FOR CONSTRUCTION  
2026 03 24

Client/Project

BRIGIL  
100 STEACIE DRIVE  
OTTAWA, ON



Title

TREE CANOPY PROJECTION

Project No.	Scale	0 5 15 25m
SF 24001	1:500	
Drawing No.	Sheet	Revision
CP-1	1 of 1	F