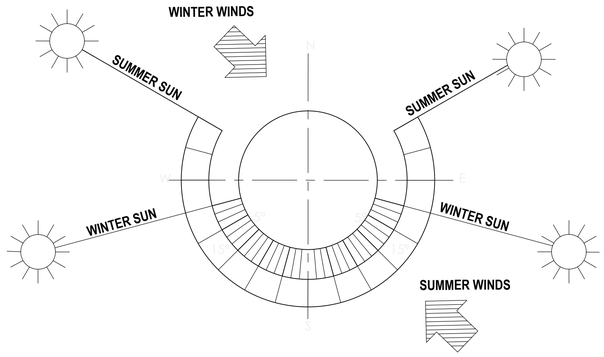
SOLAR DIAGRAM



CONTRIBUTION TO CANOPY COVER

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

* 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 WERE/AS APPLICABLE, REFER ALSO TO ARCHITECTURAL SITE PLAN FOR COMPLETE LEGAL AND EASEMENT INFORMATION.

PLANT LIST - WHIP NATURALIZATION

DECIDUOUS TREES

REFER TO LANDSCAPE PLAN (LP-1)

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

CONIFEROUS TREES

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
r-LL	10	*Larix laricina*	Common Larch	1.5m H	WHIP/NATIVE	CITY STND. L18
r-PG	8	*Picea glauca*	White Spruce	1.5m H	WHIP/NATIVE	CITY STND. L18
r-PS	15	*Pinus strobus*	White Pine	1.5m H	WHIP/NATIVE	CITY STND. L18

DECIDUOUS SHRUBS

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
r-AmA	20	*Amelanchier albnifolia*	Saskatoon Serviceberry	1.5m H	WHIP/NATIVE	CITY STND. L18
r-ArM	30	*Aronia melanocarpa*	Native Chokeberry	1.5m H	WHIP/NATIVE	CITY STND. L18
r-SaD	35	*Salix discolor*	Pussy Willow	1.5m H	WHIP/NATIVE	CITY STND. L18
r-VIT	40	*Viburnum trilobum*	Highbush Cranberry	1.5m H	WHIP/NATIVE	CITY STND. L18

CONIFEROUS SHRUBS

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	NOTE
r-JuH	20	*Juniperous horizontalis*	Savin Juniper	1.5m H	WHIP/NATIVE	CITY STND. L18
r-TaC	15	*Taxus canadensis*	Canadian Yew	1.5m H	WHIP/NATIVE	CITY STND. 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 triacanthos*	Honey Locust	50mm cal.	NATIVE, SPACING PER PLAN	B.B. or W.B.
QM	8	*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 decora*	Showy Mountain Ash	40mm cal.	2 PROPOSED ON CITY PROP.	B.B. or W.B.
TA	6	*Tilia americana*	American Basswood	50mm cal.		B.B. or W.B.

CONIFEROUS TREES

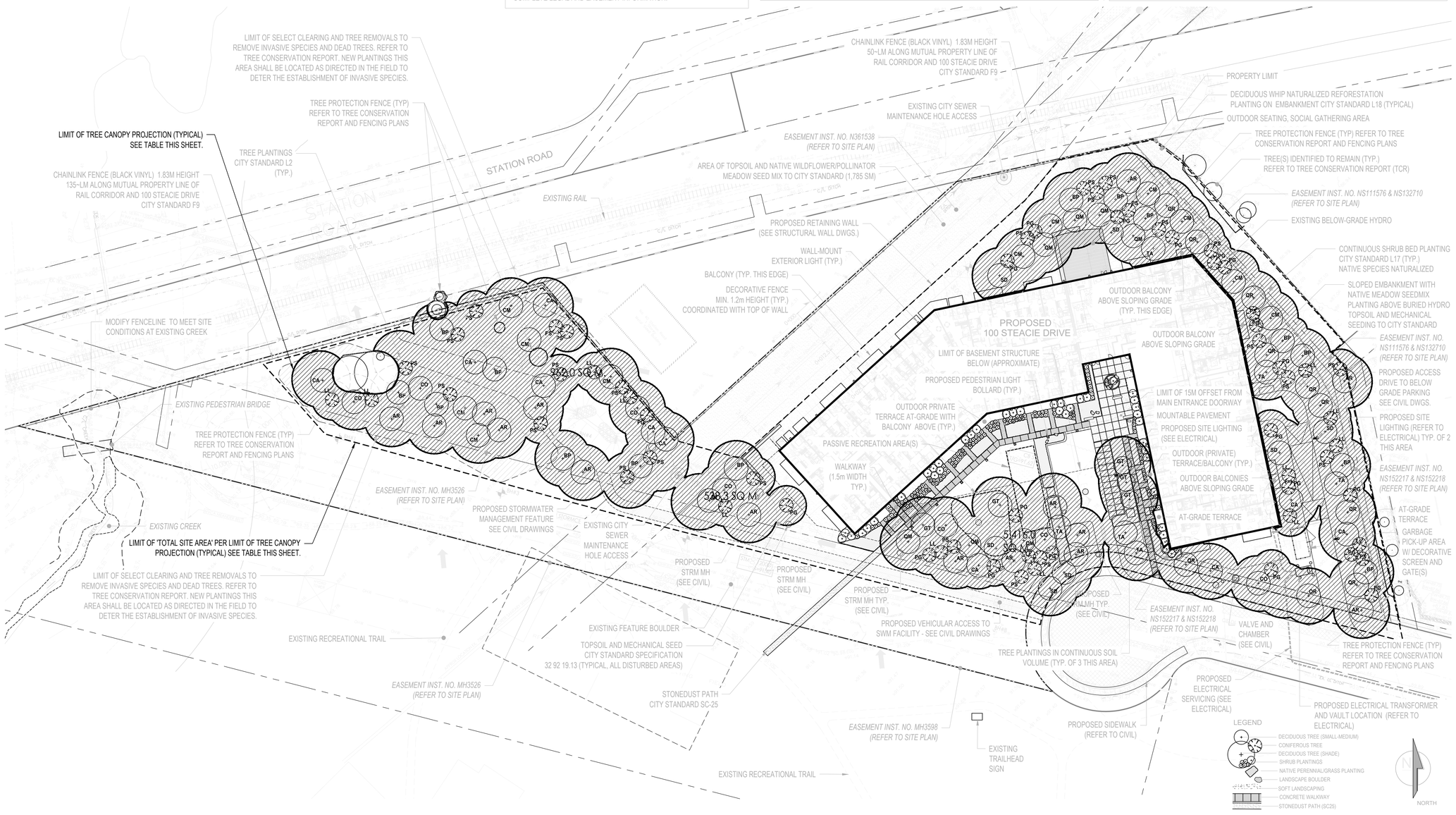
KEY	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT		CONDITION
LL	14	*Larix laricina*	Common Larch	2m height	NATIVE, SPACING PER PLAN	B.B. or W.B.
PG	20	*Picea glauca*	White Spruce	2m height	NATIVE, SPACING PER PLAN	B.B. or W.B.
PS	29	*Pinus strobus*	White Pine	2m height	NATIVE, SPACING PER PLAN	B.B. or W.B.

DECIDUOUS SHRUBS - 'CONTINUOUS BED'

KEY	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT		CONDITION
AmA	80	*Amelanchier albnifolia*	Saskatoon Serviceberry	125 cm	NATIVE, SPACING PER PLAN	POTTED
ArM	110	*Aronia melanocarpa*	Native Chokeberry	60 cm	NATIVE, SPACING PER PLAN	POTTED
SaD	50	*Salix discolor*	Pussy Willow	50 cm	NATIVE, SPACING PER PLAN	POTTED
VIT	90	*Viburnum trilobum*	Highbush Cranberry	40 cm	NATIVE, SPACING PER PLAN	POTTED

CONIFEROUS SHRUBS - 'CONTINUOUS BED'

KEY	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT		CONDITION
JuH	150	*Juniperous horizontalis*	Savin Juniper	30 cm	NATIVE, SPACING PER PLAN	POTTED
TaC	180	*Taxus canadensis*	Canadian Yew	60 cm	NATIVE, SPACING PER PLAN	POTTED



brigil

PREPARED FOR:

PREPARED BY:

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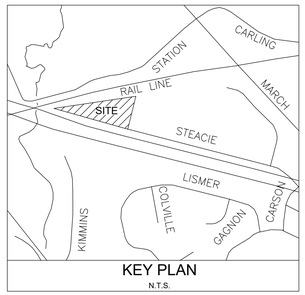
KEY MAP



Revision	By	Appd.	YY.MM.DD
ISSUED FOR SITE PLAN APPLICATION (rev)	JAL		26.03.24
ISSUED FOR PERMIT	JAL		25.12.19
ISSUED FOR SITE PLAN APPLICATION (rev)	JAL		25.12.04

File Name:	Dwn.	Chkd.	Dsgn.	YY.MM.DD

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	
SF 24001	1:500	
Drawing No.	**Sheet**	**Revision**
CP-1	1 of 1	F

D07-12-24-0086

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