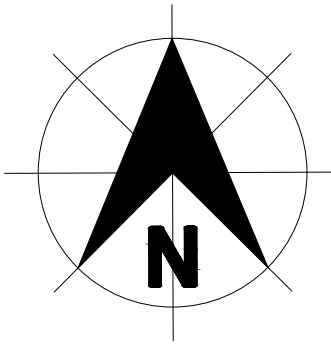


2	SPA RE-SUBMISSION	2021-04-06	GB
1	ISSUED FOR SPA	2020-12-07	GB
No.	Description	Date	By
Issue / Revision Schedule			



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All drawing information shall be checked and verified and any discrepancies reported in writing to the Designer before commencing any affected work. This drawing shall be used only for the project named on this drawing and for reference purposes only. This drawing shall not be scaled. This drawing is not for construction unless signed by the Designer.

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Project:

**ELGIN PARK
REDEVELOPMENT
PROJECT**

**265 - 327 ELGIN STREET COBOURG, ON
NORTHUMBERLAND COUNTY**

Drawing Title:

LANDSCAPE PLAN

Designed By: GB	Project #: 65-157 Drawing #: L1
Drawn By: GB	
Approved By: BBA	
Date: OCT 2020	

SCALE: 1:300

PLANT LIST - SITE								
KEY	QTY	BOTANICAL NAME	COMMON NAME	CALIPER	HEIGHT	BR. HEIGHT	CONDITION	REMARKS
DECIDUOUS TREES								
AC	3	Acer campestre	Hedge Maple	60	--	1500	WB	single leader, uniform
AF	2	Acer x freemanii 'Firefall'	Firefall Maple	60	--	1800	WB	single leader, uniform
GB	3	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Maidenhair Tree	60	--	1800	WB	pyramidal, uniform
GT	3	Gleditsia triacanthos 'Harve'	Northern Acacia Honeylocust	60	--	1800	WB	single leader, uniform
GD	2	Gymmodicus dioicus	Kentucky Coffee Tree	60	--	1500	WB	single leader, uniform
CONIFEROUS TREES								
JS	13	Juniperus scopulorum 'Blue Arrow'	Blue Arrow Juniper	--	1750	base	potted	pyramidal, single leader
TS	37	Thuja occidentalis 'Smaragd'	Emerald Green Cedar	--	1750	base	potted	pyramidal, single leader
SHRUBS								
Am	3	Amelanchier canadensis	Serviceberry	--	1250	base	potted	3-4 stems, no crossing
Ea	44	Euonymus alatus 'Compacta'	Dwarf Burning Bush	--	800	base	potted	full and uniform
Fm	22	Forsythia x intermedia 'Minifor'	Show Off Starlet Forsythia	--	800	base	potted	full and uniform
Hq	8	Hydrangea quercifolia 'Sikes Dwarf'	Dwarf Oakleaf Hydrangea	--	--	base	potted	full and uniform
Po	24	Physocarpus opulifolius 'Tiny Wine'	Tiny Wine Dwarf Ninebark	--	500	base	potted	full and uniform
Ra	23	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	--	500	base	potted	full and uniform
Sb	26	Spiraea bumalda 'Goldflame'	Goldflame Spirea	--	500	base	potted	full and uniform
Sm	6	Syrina meyeri 'Paibin'	Paibin Dwarf Korean Lilac	--	600	base	potted	full and uniform
Tm	20	Taxus media 'Andersonii'	Anderson Yew	--	600	base	potted	full and uniform
Tt	9	Taxus media 'Fairview'	Fairview Yew	--	600	base	potted	full and uniform
Tg	16	Thuja occidentalis 'Woodwardii'	Globe Cedar	--	600	base	potted	full and uniform
Wf	20	Weigela florida 'Bokraspiwi'	Spilled Wine Weigela	--	500	base	potted	full and uniform
PERENNIALS AND ORNAMENTAL GRASSES								
Ck	39	Calamagrostis x acutifolia 'Karl Foerster'	Karl Foerster Feather Reed Grass	--	--	--	2 gallon pot	--
Ep	16	Echinacea purpurea	Purple Coneflower	--	--	--	1 gallon pot	--
Fg	40	Festuca glauca 'Elijah Blue'	Elijah Blue Fescue	--	--	--	1 gallon pot	--
Hr	24	Hemerocallis 'Rosy Returns'	Rosy Returns Daylily	--	--	--	1 gallon pot	--
Hs	32	Hemerocallis 'Stella D'Oro'	Stella D'Oro Daylily	--	--	--	1 gallon pot	--
Hm	15	Heuchera 'Marmalade'	Marmalade Coral Bells	--	--	--	--	--
Hp	20	Heuchera 'Palace Purple'	Palace Purple Coral Bells	--	--	--	1 gallon pot	--
Ho	8	Hosta 'Blue Angel'	Blue Angel Plantain Lily	--	--	--	2 gallon pot	--
Nf	9	Nepeta faassenii 'Walker's Low'	Walker's Low Catmint	--	--	--	1 gallon pot	--
Rf	16	Rudbeckia fulgida 'Goldsturm'	Black Eyed Susan	--	--	--	1 gallon pot	--
Sa	4	Sedum 'Autumn Joy'	Autumn Joy Sedum	--	--	--	2 gallon pot	--

The image contains two technical diagrams illustrating planting specifications. The left diagram shows a tree planting cross-section with a trunk diameter of 100mm. The right diagram shows a shrub planting cross-section with a root ball diameter of 100mm. Both diagrams include detailed callouts for various components and steps.

Tree Planting Specifications:

- CROWN SHALL HAVE AN EVEN FORM, SINGLE LEADER, AND STRONG, WELL-SPACED BRANCH ATTACHMENTS. FORMATIVE STRUCTURAL PRUNING AND REMOVAL OF DEAD AND INJURED BRANCHES SHALL BE CARRIED OUT ONLY AS REQUIRED AND APPROVED BY LANDSCAPE ARCHITECT. PRUNING SHALL BE IN ACCORDANCE WITH ANSI A300 STANDARD PRACTICES FOR PRUNING. DO NOT CUT LEADER.
- REMOVE AND DISPOSE OF ALL TIES AND TRUNK WRAP AFTER DELIVERY.
- FLAG ALL EXPOSED WIRES WITH ORANGE PLASTIC FLAGGING TAPE
- DECIDUOUS TREES TO HAVE TWO TREE TIES. TREE TIE TO BE FASTENED AROUND THE TREE IN A FIGURE EIGHT. TREE TIE SHALL BE MIN. 25mm WIDE AND OF A MATERIAL THAT WILL REMAIN SOFT AND PLIABLE UNDER ALL WEATHER CONDITIONS
- 2400 LONG 40 x 40 METAL T-BAR STAKE. TWO PER TREE PAINTED GREEN. DRIVE STAKE 300 mm INTO UNDISTURBED SOIL OUTSIDE ROOTBALL. ONE STAKE TO BE ON WINDWARD SIDE OF TREE
- TRUNK PROTECTION, FLEXIBLE PLASTIC PERFORMED FOR AIR CIRCULATION AS REQUIRED
- ROOT FLARE TO BE FLUSH WITH GRADE OF SET 50mm HIGHER THAN ADJACENT FINISHED GRADE IN POORLY DRAINED SOIL.
- 100 DEEP SAUCER. FILL WITH 100 mm DEEP APPROVED SHREDDED BARK MULCH. NO MORE THAN 25mm OVER ROOT BALL. PULL BACK FROM TRUNK. STRUCTURAL ROOT COLLAR SHALL BE VISIBLE JUST BELOW THE SOIL SURFACE. ROOT CORRECTION MAY BE REQUIRED TO REMOVE EXCESS SOIL OR DEFECTS SUCH AS CIRCLING OR GIRDLING ROOTS. CAREFULLY REMOVE EXCESS SOIL AROUND TRUNK.
- CUT AND REMOVE ALL TWINE, ROPE, WIRE AND BURLAP FROM TOP HALF OF ROOT BALL (MINIMUM).
- B & B (BALLED AND BURLAP) OR WB (WIRE BASKET) ROOT BALL.
- PLANTING MIX AS SPECIFIED BELOW.
- SCARIFY SURFACE OF SUBSOIL BEFORE PLANTING. ENSURE SUBSOIL HAS SUFFICIENT DRAINAGE TO PROMOTE HEALTHY ROOT GROWTH.
- TAMP DOWN BACKFILL SOIL UNDER ROOT BALL TO ELIMINATE AIR POCKETS AND MINIMIZE SETTLEMENT.

Shrub Planting Specifications:

- CAREFULLY PRUNE DEAD AND INJURED BRANCHES ONLY. RETAIN NATURAL SHAPE.
- MAINTAIN ORIGINAL GRADE AT TOP OF ROOT BALL
- FORM 100mm DEEP SAUCER WITH PERIMETER BERM AROUND THE DRIFLINE OF THE SHRUB
- 100mm LAYER OF MULCH. NO MORE THAN 25mm ON TOP OF ROOT BALL. PULL BACK FROM STEMS. CONTINUOUS THROUGHOUT SHRUB BED.
- CUT AND REMOVE POT OR BURLAP AND LOOSEN OR CUT ROOTS THAT ARE POTBOUND
- PLANTING MIX AS SPECIFIED
- SLOPE SIDES OF EXCAVATION. SCARIFY SURFACE OF COMPACTED SUBSOIL BEFORE PLANTING.
- SUBSOIL
- NOTE: PRIOR TO MULCHING, TAMP BACKFILL SOIL UNDER AND AROUND ROOT BALL TO ELIMINATE AIR POCKETS, BRACE SHRUB AND MINIMIZE SETTLEMENT. WATER ROOT BALL THOROUGHLY AFTER BACKFILLING TO SETTLE SOIL.
- PRUNE TO REMOVE DEAD OR BROKEN BRANCHES
- 100 DEPTH MULCH AS SPECIFIED. REDUCE DEPTH AROUND PLANT
- PLACE TOP OF ROOT BALL FLUSH WITH FINISH GRADE
- CLEAN, SHARP EDGE AROUND PLANTING BED
- FINISHED GRADE - SEE LAYOUT PLAN FOR ADJACENT SURFACE
- REMOVE POT/CONTAINER WITHOUT BREAKING ROOTBALL, LOOSEN OR CUT ROOTS THAT ARE POTBOUND
- PLANTING MIX AS SPECIFIED BELOW
- UNDISTURBED OR COMPACTED SUBGRADE

Notes:

- SPACING PER LAYOUT
- VARIES
- 150 MIN
- 300 MIN

1. ALL PROPOSED PLANTING AREAS SHALL BE TESTED FOR DRAINAGE, SOIL QUALITY AND pH THAT IS CAPABLE OF SUPPORTING HEALTHY TREE ROOT DEVELOPMENT. POOR SOIL SHALL BE AMENDED OR REPLACED, AS REQUIRED TO MEET GROWTH REQUIREMENTS.
2. PLANTING MIX: 2/3 NATIVE SOIL FROM TREE PIT EXCAVATION AND 1/3 COMMERCIALY PREPARED TRIPLE MIX. ADD APPROVED MYCORRHIZAL INOCULANT IN QUANTITIES RECOMMENDED BY SUPPLIER.
3. WATER THOROUGHLY TO MAINTAIN VIGOROUS, HEALTHY GROWTH FROM TIME OF DELIVERY/INSTALLATION TO END OF WARRANTY PERIOD. APPROX 90 LITRES EVERY 7-10 DAYS TO SUPPLEMENT SEASONAL PRECIPITATION.
4. CARRY SOO OR SEED TO EDGE OF SAUCER.
5. THIS DETAIL TO BE USED FOR CONIFEROUS AND DECIDUOUS TREES 50 mm DIA. AND LARGER.

- MASS PLANTED AS SHOWN ON PLANTING PLAN.
2. ALL PERENNIALS AND SHRUBS ARE TO BE PLANTED IN CONTINUOUS PLANTING BEDS, EXCEPT WHERE NOTED OTHERWISE.
3. CONTINUOUS MULCH PLANTING BEDS WITH 100 DEPTH APPROVED SHREDDED BARK MULCH. MULCH TO BE SHREDDED TURB-GROUND BARK MULCH (THE MATERIAL REMAINING AFTER BARK REPELLED FROM HARDWOOD LOGS AT A SAWMILL), FROM DEBRIS, CONSTRUCTION WASTE, HARDWOOD CHIPS. SUBMIT SAMPLE FOR APPROVAL.
4. PLANTING MIX: EXISTING SOIL MIXED 2:1 WITH IMPORTED COMMERCIAL TRIPLE MIX.
5. WATER THOROUGHLY AFTER INSTALLATION.

NOTES:

1. EXCAVATE CONTINUOUS PLANTING BED WHERE PERENNIAL PLANTS AND WOODY SHRUBS ARE MASS PLANTED AS SHOWN ON PLANTING PLAN.
2. ALL PERENNIALS AND SHRUBS ARE TO BE PLANTED IN CONTINUOUS PLANTING BEDS, EXCEPT WHERE NOTED OTHERWISE.
3. CONTINUOUS MULCH PLANTING BEDS WITH 100 DEPTH APPROVED SHREDED BARK MULCH. MULCH TO BE SHREDED TYP-GROUND BARK MULCH (THE MATERIAL REMAINING AFTER BARK IS PEELLED FROM HARDWOOD LOGS AT A SAWMILL), FREE FROM DEBRIS, CONSTRUCTION WASTE AND HARDWOOD CHIPS. SUBMIT SAMPLE FOR APPROVAL.
4. PLANTING MIX: EXISTING SOIL MIXED 2:1 WITH IMPORTED COMMERCIAL TRIPLE MIX.
5. WATER THOROUGHLY AFTER INSTALLATION.

D2: STANDARD TREE PLANTING

D3: SHRUB AND PERENNIAL PLANTING BED