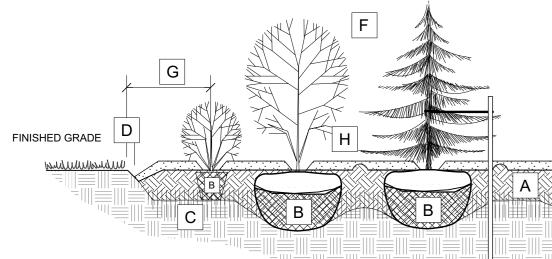
- A 450mm COMPACTED PLANTING MEDIUM, DEEPEN AT TREES
- B ROOTBALL, TOP OF ROOT CROWN TO BE FLUSH WITH PLANTING SOIL AND 50mm ABOVE SOIL OUTSIDE PLANTING PIT / POT.
- C 350mm PLANTING MEDIUM / SUBSOIL CULTIVATED LAYER. CULTIVATE AT TREE PIT BOTTOM. SEE NOTE BELOW.
- D EDGE TO DEPTH OF 100mm.
- E 50-75 mm MULCH LAYER, KEEP MULCH AWAY FROM STEMS.
- F PRUNE DAMAGE, DISEASED OR WEAK BRANCHES AS PER ACCEPTED HORTICULTURAL PRACTICE, DO NOT DAMAGE OR REMOVE LEADER.



## **BED PREPARATION**

2 TRE L-02 NTS

L-02 NTS

- .1 EXCAVATE OR PLACE FILL FOR PLANTING BED TO PROVIDE 450mm MINIMUM DEPTH OF PLANTING MEDIUM. PLANTING BED TO BE DEEPENED AT TREE LOCATIONS. IF BASE OF PIT IS OVER EXCAVATED, RAISE BOTTOM TO PROPER LEVEL WITH COMPACTED PLANTING MEDIUM.
- .2 PLACE 150mm PLANTING MEDIUM ON SUBGRADE AND CULTIVATE INTO TOP 200mm OF SUBSOIL. SEE NOTE BELOW.
- .3 PLACE REMAINDER OF PLANTING MEDIUM OVER CULTIVATED PORTION
- TO ACHIEVE FINAL GRADE.
- .4 CENTRE OF BED TO BE CROWNED ABOVE ADJACENT GRADE TO APPROVAL OF CONSULTANT.
- .5 ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING WALLS WHERE APPLICABLE.

## TREE, SHRUB AND PERENNIAL BED PLANTING L-02/NTS

**Bed Preparation** .1 EXCAVATE OR PLACE FILL FOR PLANTING BED TO PROVIDE 750mm MINIMUM DEPTH OF PLANTING MEDIUM AND 300mm DEPTH SUBSOIL (CONTINUOUS BETWEEN TREES). CULTIVATE PLANTING SUBSOIL INTO SUBGRADE TO A DEPTH OF 150mm .2 PLACE COMPACTED PLANTING MEDIUM ON SUBSOIL TO ACHIEVE FINAL GRADE. CROWNED ABOVE ADJACENT .3 CENTRE OF BED TO BE E GRADE TO APPROVAL OF CONSULTANT. D CONCRETE PAVEMENT ROOTBALL С ĕăgranijlar ⊁ĕbaseă ă <u>Щ=ттт</u>ццц] А Цтт 

TOP OF CB /

75mm MULCH

SUBGRADE

MAX PONDING LEVEL

450mm MIN PLANTING MEDIUM

50mmØ CLEAR STONE (See Civil)

(Locations see Civil)

**GROWING MEDIUM /** 

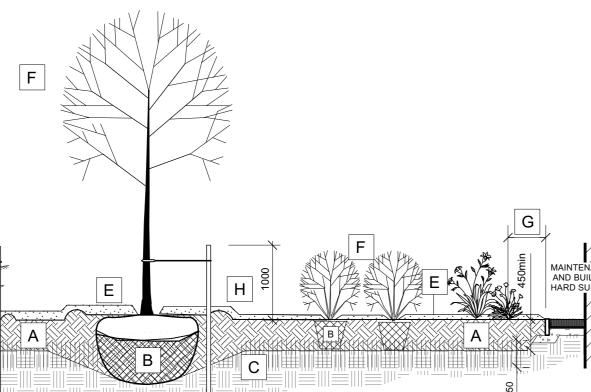
DRAINAGE SOIL (See Civil)

GEOTEXTILE AROUND

TREE AND PERENNIAL PLANTING IN MEDIAN

**RAIN GARDEN / SWALE CONSTRUCTION** 

- G FIRST ROW OF PERENNIALS TO BE PLANTED 600mm FROM EDGE OF BED/CURB FIRST ROW OF SHRUBS TO BE PLANTED 900mm FROM EDGE OF BED/CURB
- H PROVIDE 150 mm DEEP SAUCER AT TREES

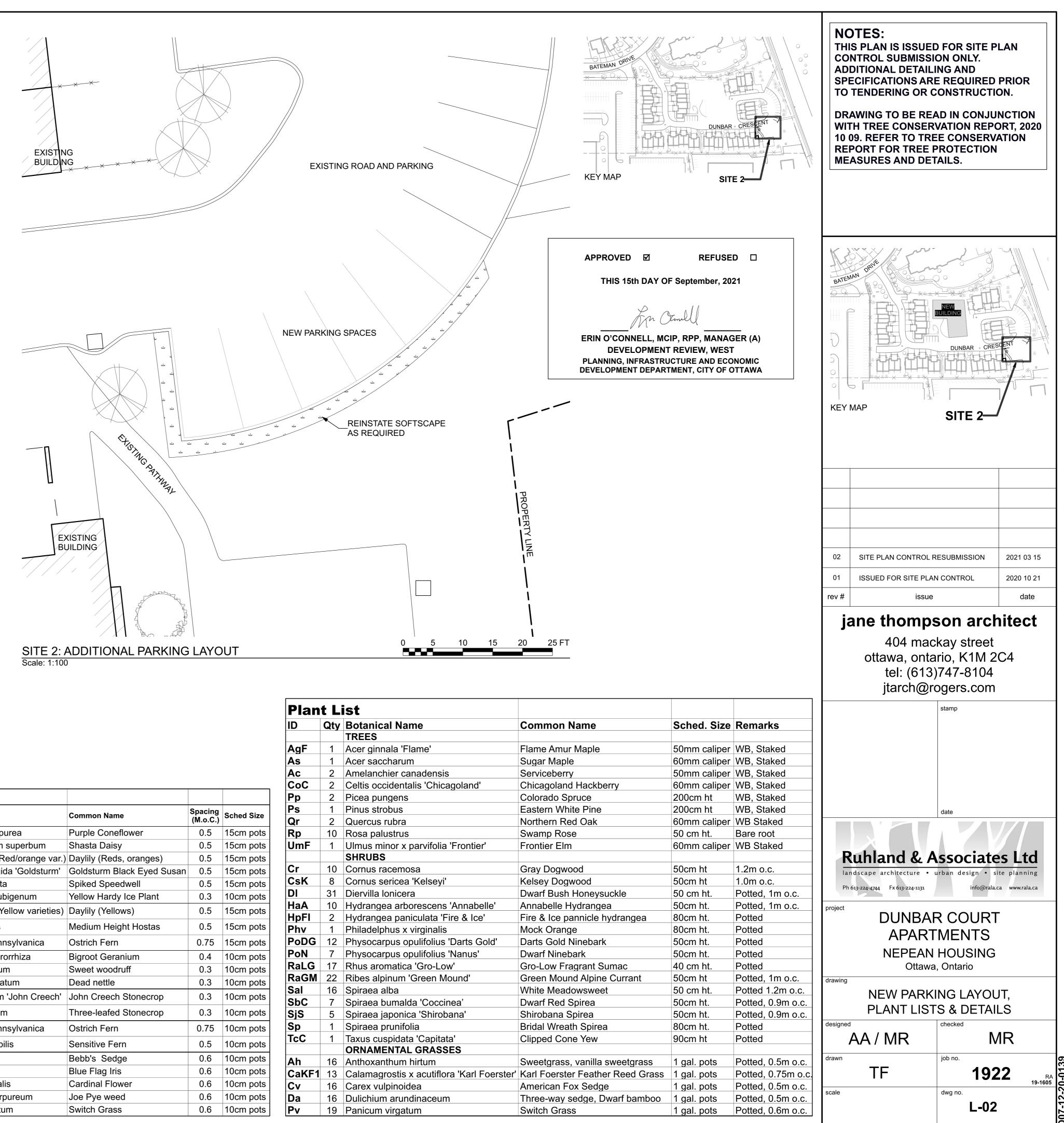


## TREE PLANTING:

- .1 CUT AND REMOVE TOP 2/3 OF BURLAP AND WIRE BASKET FROM
- ROOTBALL. .2 PLACE 1-METAL POST (40 x 40 x 2100 mm) AT OUTSIDE OF ROOTBALL ON
- THE PREVAILING WIND SIDE AND FASTEN TO TRUNK WITH APPROVED TREE TIES. .3 WATER THOROUGHLY SUBSEQUENT TO PLANTING AND THROUGHUT THE
- WARRANTY PERIOD. .4 WRAP TREE TRUNK AFTER INSPECTION OF TREES BY LANDSCAPE
- ARCHITECT INSTALL RODENT GUARD AND PROTECT TREE FROM RODENT DAMAGE
- .6 REMOVE TREE RINGS, STAKES AND TRUNK WRAPPING AFTER WARRANTY PERIOD.
  - A SUBSOIL / SUBGRADE CULTIVATED LAYER
  - B PLANTING MEDIUM
  - C ROOTBALL / POT
  - D TOP OF ROOT CROWN TO BE FLUSH WITH PLANTING SOIL
  - 2-METAL POSTS (40x 40x 2100 mm) PLACE AT OUTSIDE OF ROOTBALL AND FASTEN TO TRUNK WITH 3 mmø GALVANIZED WIRE AND 25 mmø 2 PLY REINFORCED HOSE (PARALLEL TO CURB).
  - F 50-75 mm MULCH LAYER, KEEP MULCH AWAY FROM STEMS AND PROVIDE 100mm DEEP SAUCER.
  - PRUNE DAMAGE, DISEASED OR WEAK BRANCHES AS PER ACCEPTED HORTICULTURAL PRACTICE. DO NOT DAMAGE OR REMOVE LEADER
  - FIRST ROW OF PERENNIALS TO BE PLANTED 450mm MINIMUM FROM FRONT OF CURB

750mm PLANTING MEDIUM OVER A MINIMUM OF 300mm SUBSOIL. WHERE DISTANCE BETWEEN CURB ALLOWS, EXTEND DEPTH OF SUBSOIL. SUBSOIL TO BE APPROVED FILL OR OPSS GRANULAR B TYPE 1

Perenn	ials list					
ID	Arrangement	# plants	Botanical Name	Common Name	Spacing (M.o.C.)	Sched Size
Pv-1: Sun perennials	Mixed	20	Echinacea purpurea	Purple Coneflower	0.5	15cm pote
		20	Leucanthemum superbum	Shasta Daisy	0.5	15cm pote
		20	Hemerocallis (Red/orange var.)	Daylily (Reds, oranges)	0.5	15cm pote
		20	Rudbeckia fulgida 'Goldsturm'	Goldsturm Black Eyed Susan	0.5	15cm pote
		20	Veronica spicata	Spiked Speedwell	0.5	15cm pote
	Front edge	95	Delosperma nubigenum	Yellow Hardy Ice Plant	0.3	10cm pote
Pv-2: Medium ht shade perennials	Mixed	40	Hemerocallis (Yellow varieties)	Daylily (Yellows)	0.5	15cm pote
		40	Hosta varieties	Medium Height Hostas	0.5	15cm pote
		25	Matteuccia pennsylvanica	Ostrich Fern	0.75	15cm pot
Pv-3: Low shade perennials	Mixed	40	Geranium macrorrhiza	Bigroot Geranium	0.4	10cm pot
		90	Galium odoratum	Sweet woodruff	0.3	10cm pot
		90	Lamium maculatum	Dead nettle	0.3	10cm pot
Pv-4: Low part-shade stonecrop	Mixed	5	Sedum spurium 'John Creech'	John Creech Stonecrop	0.3	10cm pot
		5	Sedum ternatum	Three-leafed Stonecrop	0.3	10cm pot
Pv-5: Swale perennials	Mixed	30	Matteuccia pennsylvanica	Ostrich Fern	0.75	10cm pot
		50	Onoclea sensibilis	Sensitive Fern	0.5	10cm pot
Pv-6: Rain garden perennials	Mixed	4	Carex bebbii	Bebb's Sedge	0.6	10cm pot
		4	Iris versicolor	Blue Flag Iris	0.6	10cm pot
		4	Lobelia cardinalis	Cardinal Flower	0.6	10cm pot
		4	Eutrochium purpureum	Joe Pye weed	0.6	10cm pot
		4	Panicum virgatum	Switch Grass	0.6	10cm pote



Plan	t L	ist	
ID	Qty	Botanical Name	Comm
		TREES	
AgF	1	Acer ginnala 'Flame'	Flame A
As	1	Acer saccharum	Sugar N
Ac	2	Amelanchier canadensis	Service
CoC	2	Celtis occidentalis 'Chicagoland'	Chicago
Рр	2	Picea pungens	Colorad
Ps	1	Pinus strobus	Eastern
Qr	2	Quercus rubra	Norther
Rp	10	Rosa palustrus	Swamp
UmF	1	Ulmus minor x parvifolia 'Frontier' SHRUBS	Frontier
Cr	10	Cornus racemosa	Gray Do
CsK	8	Cornus sericea 'Kelseyi'	Kelsey
DI	31	Diervilla Ionicera	Dwarf E
HaA	10	Hydrangea arborescens 'Annabelle'	Annabe
HpFI	2	Hydrangea paniculata 'Fire & Ice'	Fire & I
Phv	1	Philadelphus x virginalis	Mock O
PoDG	12	Physocarpus opulifolius 'Darts Gold'	Darts G
PoN	7	Physocarpus opulifolius 'Nanus'	Dwarf N
RaLG	17	Rhus aromatica 'Gro-Low'	Gro-Lov
RaGM	22	Ribes alpinum 'Green Mound'	Green I
Sal	16	Spiraea alba	White M
SbC	7	Spiraea bumalda 'Coccinea'	Dwarf F
SjS	5	Spiraea japonica 'Shirobana'	Shiroba
Sp	1	Spiraea prunifolia	Bridal V
TcC	1	Taxus cuspidata 'Capitata'	Clipped
		ORNAMENTAL GRASSES	
Ah	16	Anthoxanthum hirtum	Sweetg
CaKF1	13	Calamagrostis x acutiflora 'Karl Foerster'	Karl Fo
Cv	16	Carex vulpinoidea	America
Da	16	Dulichium arundinaceum	Three-v
Pv	19	Panicum virgatum	Switch
Dn	80	Delosperma nubigenum	Yellow I
Ер	35	Echinacea purpurea	Purple (
Go	44	Galium odoratum (Asperula odorata)	Sweet \

GO44Galium odoratum (Asperula odorata)Sweet Woodruff

Hardy Ice Plant Coneflower

#18306