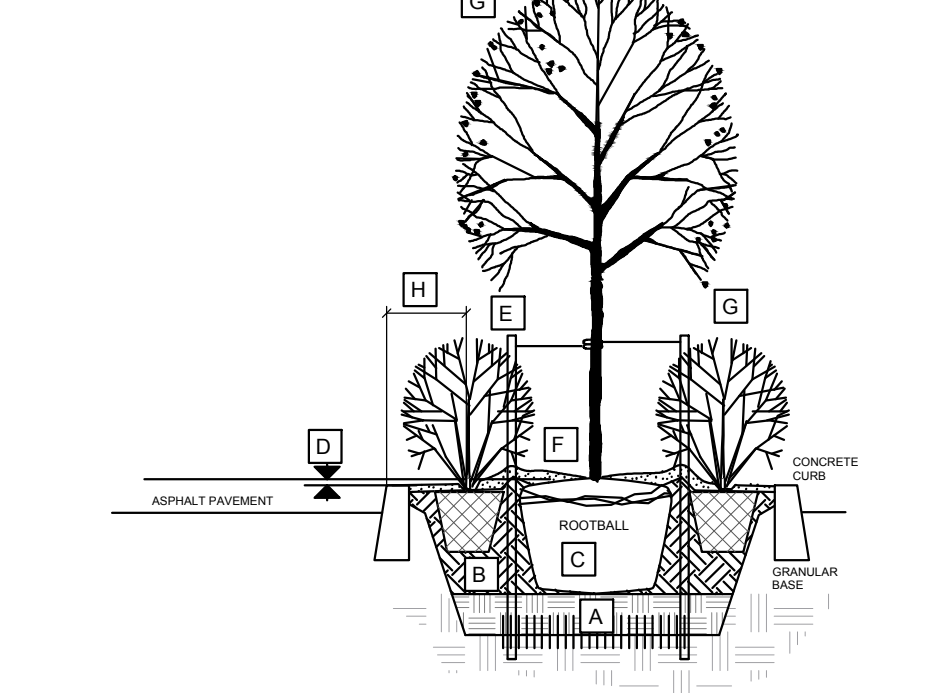
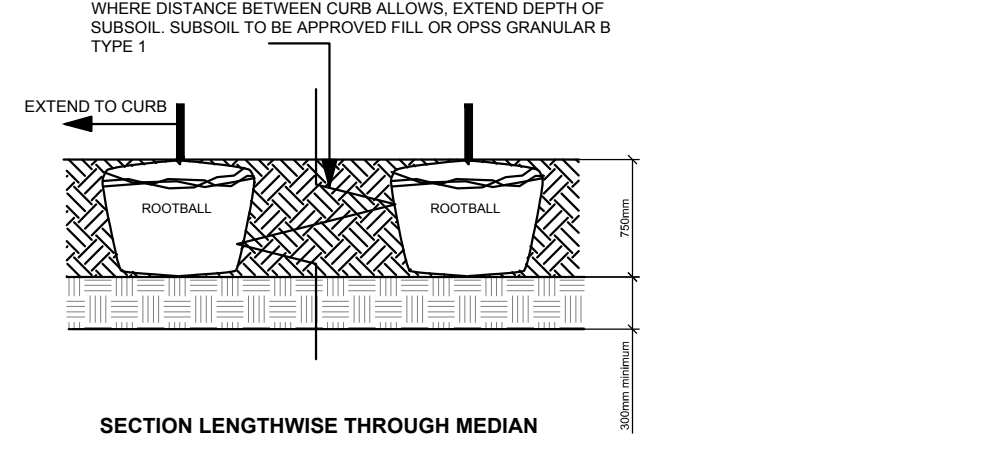


- A SUBSOIL / SUBGRADE CULTIVATED LAYER  
B PLANTING MEDIUM  
C ROOTBALL / POT  
D TOP OF ROOT CROWN TO BE FLUSH WITH PLANTING SOIL  
E 2 METAL POSTS (40x40x2100 mm) PLACE AT OUTSIDE OF ROOTBALL AND FASTEN TO TRUNK WITH 3 mm GALVANIZED WIRE AND 25 mm 2 PLY REINFORCED HOSE (PARALLEL TO CURB)  
F 50-75 mm MULCH LAYER. KEEP MULCH AWAY FROM STEMS AND PROVIDE 100mm DEEP SAUCER.  
G PRUNE DAMAGE, DISEASED OR WEAK BRANCHES AS PER ACCEPTED HORTICULTURAL PRACTICE. DO NOT DAMAGE OR REMOVE LEADER  
H FIRST ROW OF SHRUBS TO BE PLANTED 600mm MINIMUM FROM FRONT OF CURB (AT TREE LOCATIONS, 900mm ELSEWHERE).

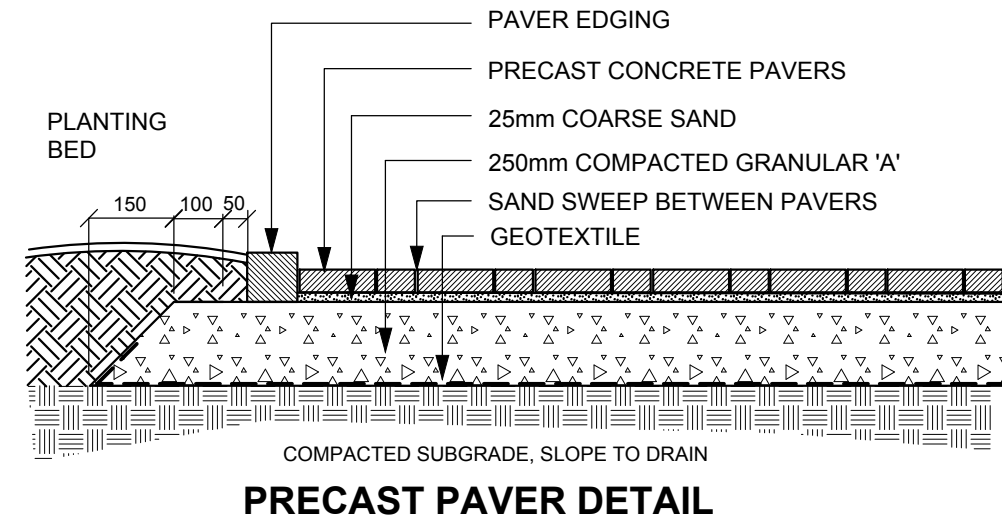


PLANTING IN MEDIAN



- 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.  
3. CENTRE OF BED TO BE CROWNED ABOVE ADJACENT GRADE TO APPROVAL OF CONSULTANT.

ROCKERY WITH PERENNIALS



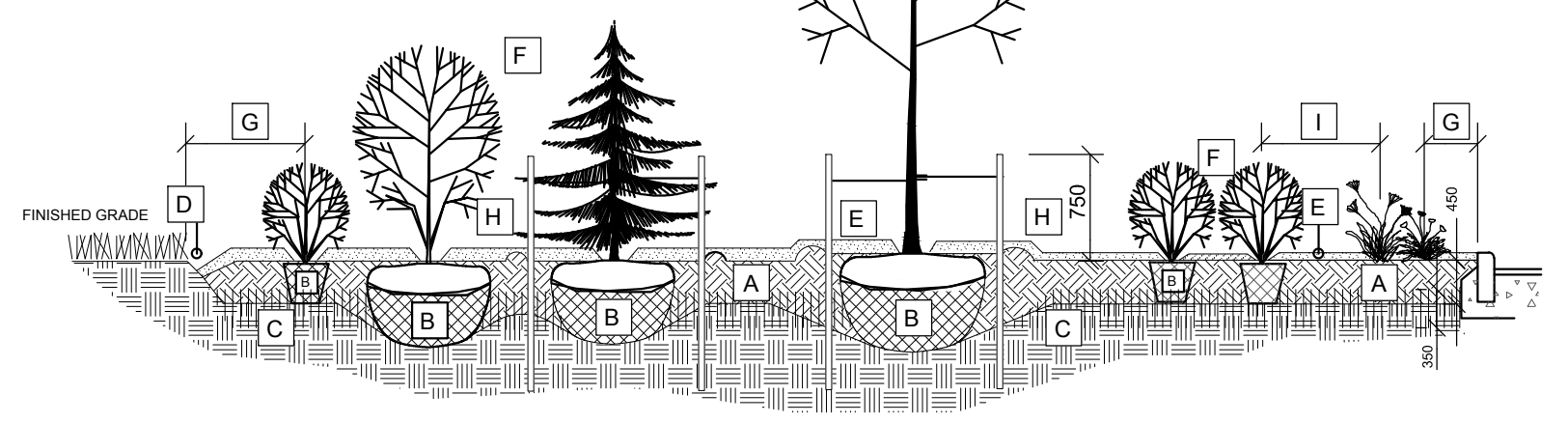
PRECAST PAVER DETAIL



KEY PLAN

Plant List					
ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
Trees					
AsGM	1	Acer saccharum 'Green Mountain'	Green Mountain Sugar Maple	70mm cal.	WB, Staked
CoC	2	Celtis occidentalis 'Chicagoland'	Chicagoland Hackberry	70mm cal.	WB, Staked
GbAG	4	Ginkgo biloba Autumn Gold	Autumn Gold Maidenhair Tree	70mm cal.	WB, Staked
GtS	2	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust	70mm cal.	WB, Staked
Pg	4	Picea glauca	White Spruce	175cm ht.	WB, Staked
Pp	2	Picea pungens	Colorado Spruce	175cm ht.	WB, Staked
Pr	3	Pinus resinosa	Red Pine	175cm ht.	WB, Staked
Qr	5	Quercus rubra	Red Oak	70mm caliper	B&B, Staked
Small Conifers					
JvBA	10	Juniperus scopulorum 'Blue Arrow'	Blue Arrow Juniper	125cm ht.	B&B / Potted
PcAP	1	Pinus cembra 'Algonquin Pillar'	Algonquin Pillar Swiss Stone Pine	150cm ht.	B&B, Staked
PpFA	1	Picea pungens 'Fat Albert'	Fat Albert Spruce	150cm ht.	B&B / Potted
ToF	1	Thuja occidentalis fastigiata	Pyramidal White Cedar	125cm ht.	B&B / Potted
ToH	3	Thuja occidentalis 'Holmstrup'	Holmstrup White Cedar	100cm ht.	B&B / Potted
Shrubs					
Am	50	Amonia melanocarpa	Black chokeberry	50cm ht.	Potted, 1.25m o.c
Cr	125	Cornus racemosa	Gray Dogwood	50cm ht.	Potted, 1.25m o.c
DI	120	Diervilla lonicera	Bush Honeysuckle	50cm ht.	Potted, 1.25m o.c.
PoN	165	Physocarpus opulifolius "Nanus"	Dwarf Ninebark	50cm ht.	Potted, 1.0m o.c.
Rp	70	Rosa palustris	Swamp Rose	50cm ht.	Potted, 1.0m o.c.
Sa	160	Symphoricarpos albus	Snowberry	50cm ht.	Potted, 1.1m o.c.
Sjs	210	Spiraea japonica 'Shirobana'	Shirobana Spirea	50cm ht.	Potted, 0.8m o.c.
SnS	40	Spiraea nipponica 'Snowmound'	Snowmound Spirea	50cm ht.	Potted, 0.9m o.c.
Vd	47	Viburnum dentatum	Arrowwood Viburnum	100cm ht.	Potted, 1.5m o.c.
PERENNIALS					
PvA	210	Flowering perennials		150mm pot	
PvB	225	Ornamental Grasses		150mm pot	

- A 450mm COMPACTED PLANTING MEDIUM, DEEPEN AT TREES  
B ROOTBALL, TOP OF ROOT CROWN TO BE FLUSH WITH PLANTING MEDIUM  
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  
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  
I PLANT SPECIES TO HAVE A MINIMUM SEPARATION BETWEEN PLANT CENTRES:  
- 1.2m BETWEEN DECIDUOUS SHRUBS AND SPREADING EVERGREEN SHRUBS OR PERENNIALS  
- 0.9m BETWEEN SPREADING EVERGREEN SHRUBS AND PERENNIALS  
- 0.6m BETWEEN PERENNIAL TYPES



- BED PREPARATION  
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 PLANTING:  
1. CUT AND REMOVE TOP 1/3 OF BURLAP AND WIRE BASKET FROM ROOTBALL.  
2. PLACE 2 METAL POSTS (40 x 40 x 2100 mm) AT OUTSIDE OF ROOTBALL AND FASTEN TO TRUNK WITH APPROVED TREE TIES.  
3. WATER THOROUGHLY SUBSEQUENT TO PLANTING.  
4. WRAP TREE TRUNK AFTER INSPECTION OF TREES BY LANDSCAPE ARCHITECT.  
5. PROTECT TREE FROM ROBBENT DAMAGE.  
6. REMOVE TREE RINGS, STAKES AND TRUNK WRAPPING AFTER WARRANTY PERIOD.

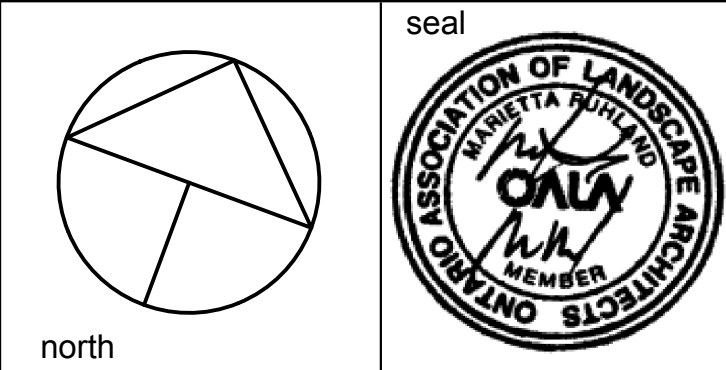
PLANTING BED DETAIL ON GRADE

NOTE:  
PLANTING BED AREAS: EXCAVATE TO 500mm BELOW FINAL GRADE TO ACHIEVE ROUGH GRADE ELEVATION. WHERE GRAVEL IS ENCOUNTERED ROUGH GRADE LEVEL TO BE 1000mm BELOW FINAL GRADE. PLACE APPROVED SUBSOIL IN THESE LOCATIONS TO OBTAIN PLANTING MEDIUM DEPTH. PLACEMENT OF SUBSOIL TO BE PAID AT UNIT PRICE PER m<sup>3</sup> OF SUBSOIL PLACED MEASURED ON SITE.



- GENERAL NOTES  
1. All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface conditions.  
2. The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.  
3. All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape Architect and Owner.  
4. No other trees to be removed without prior approval by Landscape Architect.

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1	Issued for Site Plan Control	Feb 09, 2018
no.	issue / revision	date



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project  
**CAMP MART - SITE CAST**  
20 FRANK NIGNBOR, KANATA, ONTARIO

drawing title		
LANDSCAPE PLAN		
scale 1:500	drawn by M. Malkov	designed by M. Ruhland
date January 2018	checked by M. Ruhland	plot date
project number <b>18 - 1551</b>	drawing number <b>L - 01</b>	

Contractor to check and verify all dimensions on the job