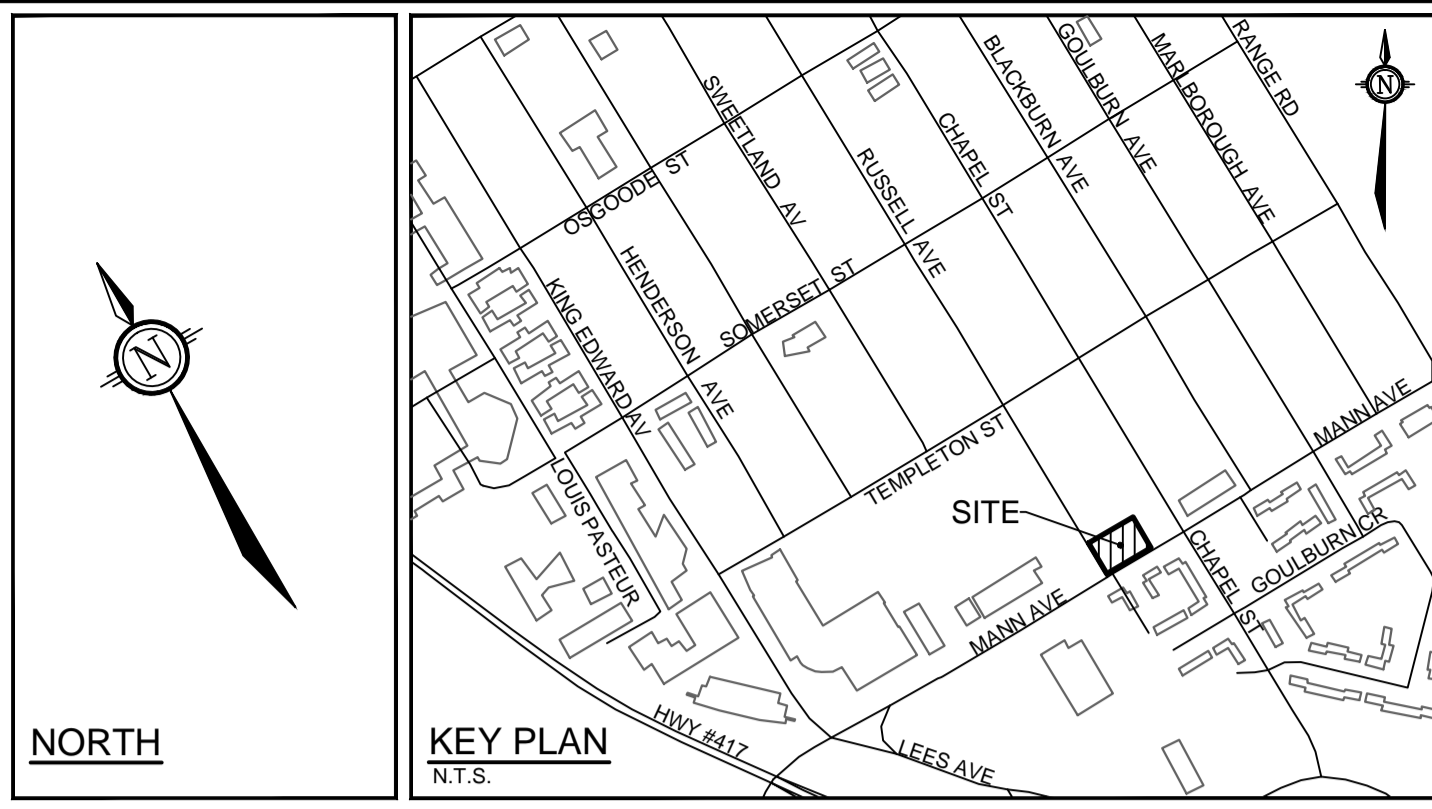


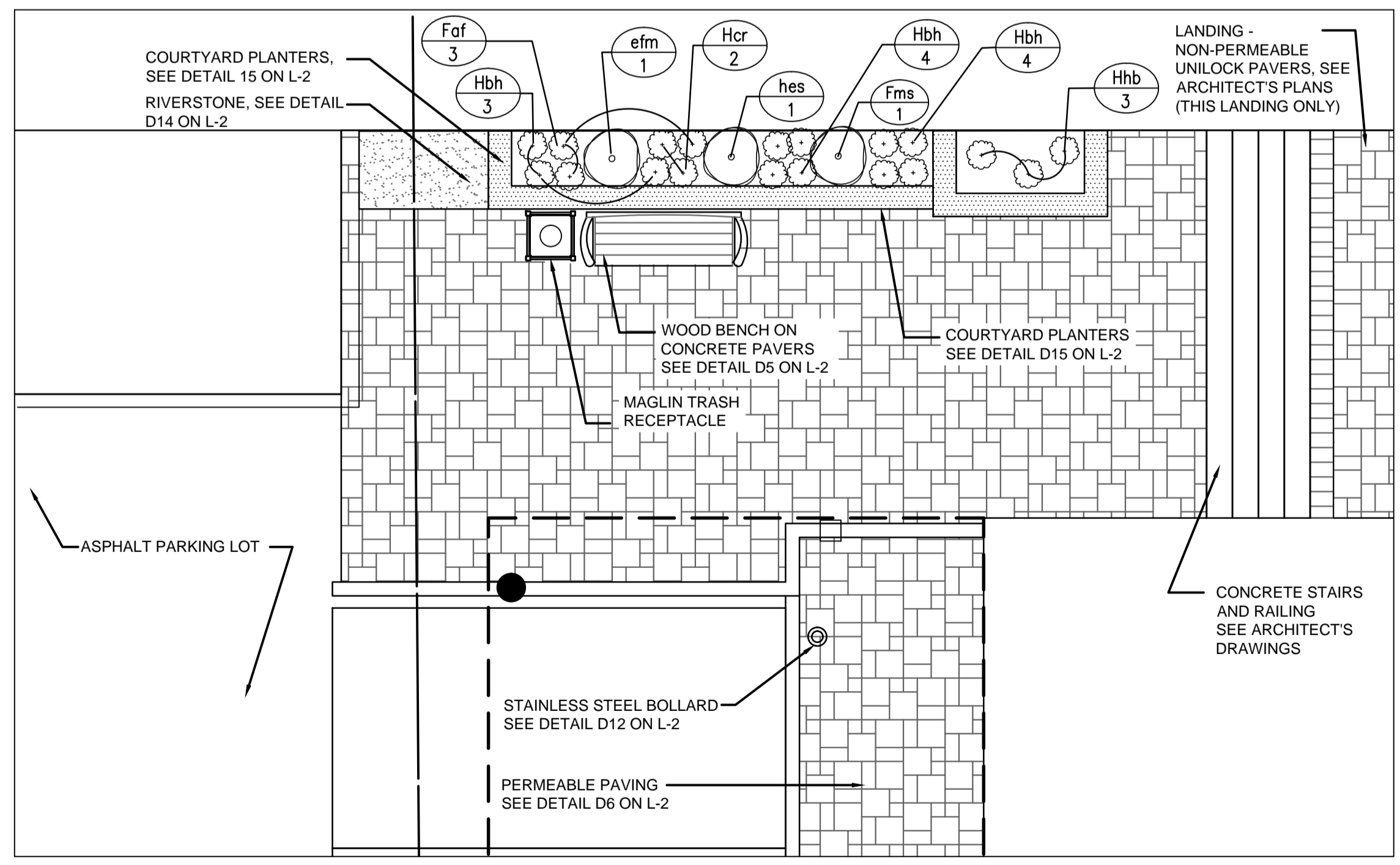
- ### PLANTING NOTES
- This drawing shall be read in conjunction with all relevant Architectural Engineering and related drawings and documents.
  - Refer to Engineering Drawings for Grading. Provide drainage as indicated in grading plan. Round smoothly all tops and toes of slopes. Compact all areas to 95% Standard Proctor Density unless otherwise noted.
  - Refer to Architectural Drawings for site layout.
  - Refer to Engineering Drawings for site servicing. Contractor must contact utility companies for stake outs prior to excavation or planting.
  - Plant material shall be No. 1 Grade and shall comply with Canadian Standards for Nursery Stock (latest edition) published by the Canadian Nursery Landscape Association. All trees and shrubs shall be container grown, potted, S/B or B/B. Bare root planting will only be acceptable for certain species and as approved by the Landscape Architect. Plant material substitutions shall not be permitted without the written approval from the consultant prior to ordering plant material.
  - Plant locations are schematic / approximate only. Contractor shall stake out locations on site for approval by the landscape architect prior to installation. Required plant material quantities shall be the number of plants indicated on the PLANTING PLAN. Any discrepancies between the number indicated on the PLANTING PLAN and the Quantity (QTY) indicated on the PLANT LIST shall be reported to the Landscape Architect.
  - Shrubs shall be planted in a continuous prepared bed of approved planting soil mix covered with a Weed Control Fabric 'Green Line' Landscape Fabric by Thrace-LINC and 75mm depth composted pine mulch to finish grade.
  - Perennials, Ornamental Grasses, Vines and Groundcovers shall be planted in a continuous prepared bed of approved planting soil mix covered with 75mm depth composted pine mulch to finish grade unless otherwise noted. DO NOT PLACE WEED CONTROL FABRIC IN PERENNIAL, ORNAMENTAL GRASS, VINE, OR GROUNDCOVER BEDS.
  - Soil areas to receive 125mm depth topsoil mix as specified and shall be No. 1 Kentucky Bluegrass Sod grown from minimum mixture of 3 Kentucky Bluegrass cultivars. Quality and source shall comply with Canadian Standards for Nursery Stock, Section 17, (latest edition) published by the Canadian Nursery Landscape Association.
  - Apply the following mineral fertilizer unless modified by results of soil tests. Sodded areas - (11-8-4) 11% Nitrogen, 8% Phosphorus, 4% Potash at a rate of 450kg/ha - Planting Beds - (7-7-7) - 7% Nitrogen, 7% Phosphorus, 7% Potash at a rate of 0.9kg/m<sup>2</sup> of planting soil.
  - Reinstate all areas damaged or disturbed beyond the limit of Work.
  - The contractor shall maintain the plant material according to accepted horticultural practice and shall warrant that as itemized on the plant list will remain free of defects for a minimum period of one (1) full year from completion acceptance and commencement of the warranty period. Throughout the warranty period, the Contractor, at his own expense, shall replace plant material of the same size and species as specified, if found dead, unhealthy, in an unsatisfactory growing condition or does not meet the requirements of the specifications as determined by the Landscape Architect. The Landscape Architect reserves the right to extend the Contractor's warranty for an additional one (1) year if, at the end of the warranty period, leaf development and growth is not sufficient to ensure future survival.
  - Topsoil shall be high quality, Grade A, containing a maximum of 70% sandy loam and 10-15% organic matter and comply with the Canadian System of Soil Classification. pH value should be 5.5 to 7.5, and it should not contain toxic or growth prohibiting elements. Soil shall be free of stones greater than 25mm dia., and coarse vegetative material shall not exceed more than 2% of the volume. Topsoil will be stockpiled and inspected on site by the landscape architect prior to installation. The landscape architect may require testing by a certified company that can recommend measures to improve soil quality.

- ### LIST OF DETAILS
- D1 - Standard Deciduous Tree Planting Detail
  - D2 - Standard Coniferous Tree Detail
  - D3 - Deciduous and Coniferous Shrub Planting Detail
  - D4 - Riverstone on Concrete Pad
  - D5 - Wood Bench on Pavers
  - D6 - Permeable Paving
  - D7 - Techo-Bloc Planter Wall with Coping
  - D8 - Bicycle Rack
  - D9 - Vertical Bicycle Rack next to Wood Fence
  - D10 - Wood Bench Adjacent to Planter, Ground Mount
  - D11 - Stepping Stone Pathway
  - D12 - Stainless Steel Bollard
  - D13 - Retaining Wall with Decorative Wood Fence
  - D14 - Riverstone Placement
  - D15 - Courtyard Planters
  - D16 - Landscape Terraces
  - D17 - Concrete Pier with Stone Veneer and Decorative Metal Fence



### PLANT LIST - 113130

KEY	No.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
<b>DECIDUOUS TREES</b>					
AXB	1	AMELANCHIER X GRANDIFLORA 'BALLERINA'	BALLERINA SERVICEBERRY	40mmCT	SPECIMEN
GBP	6	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	60mmWB	AS SHOWN
TAR	2	TILIA AMERICANA 'REDMOND'	REDMOND LINDEN	60mmWB	AS SHOWN
<b>CONIFEROUS SHRUBS</b>					
bgg	10	BUXUS X 'GREEN GEM'	GREEN GEM BOXWOOD	3g	60cm O.C.
jbh	1	JUNIPERUS SCOPULORUM 'BLUE HAVEN'	BLUE HAVEN JUNIPER	3g	AS SHOWN
jco	9	JUNIPERUS HORIZ. 'PLUMOSA COMPACTA'	COMPACT ANDORRA JUNIPER	3g	90cm O.C.
jdf	8	JUNIPERUS X MEDIA 'DAB'S FROSTED'	DAB'S FROSTED JUNIPER	3g	80cm O.C.
jmm	2	JUNIPERUS CHIN. 'MONLEP MINT JULEP'	MINT JULEP JUNIPER	3g	100cm O.C.
jmo	1	JUNIPERUS SCOPULORUM 'MOFFETT'	MOFFETT JUNIPER	3g	SPECIMEN
jog	28	JUNIPERUS CHINENSIS 'OLD GOLD'	OLD GOLD JUNIPER	3g	80cm O.C.
psm	12	PINUS MUGO 'SLOWMOUND'	SLOWMOUND MUGHO PINE	3g	80cm O.C.
<b>DECIDUOUS SHRUBS</b>					
efm	1	EUONYMUS FORTUNEI 'MOONSHADOW'	MOONSHADOW EUONYMUS	2g	120mm O.C.
hes	33	HYDRANGEA MAC. 'ENDLESS SUMMER'	ENDLESS SUMMER HYDRANGEA	3g	60cm O.C.
pc	2	PRUNUS X CISTENA	PURPLE LEAF SANDCHERRY	100cmSq	SPECIMEN
rr	6	ROSA RUGOSA	RUGOSA ROSE	3g	80cm O.C.
wfe	25	WEIGELA FLORIDA 'ELVERA'	MIDNIGHT VINE WEIGELA	2g	60cm O.C.
wf	1	WEIGELA FLORIDA 'RED PRINCE'	RED PRINCE WEIGELA (DARK RED)	2g	SPECIMEN
<b>PERENNIALS</b>					
faf	3	ATHYRIUM FILIX-FEMINA	LADY FERN	1g	45cm O.C.
fms	1	MATTEUCHIA STRUTHIOPTERIS	OSTRICH FERN	1g	SPECIMEN
Gs	3	GERANIUM SANGUINEUM	BLOODY CRANESBILL	1g	60cm O.C.
Hbs	11	HEUCHERA 'BRESSINGHAM' HYBRID	BRESSINGHAM CORAL BELLS	1g	30cm O.C.
Hcr	2	HEUCHERA 'CHOCOLATE RUFFLES'	CHOCOLATE RUFFLES CORAL BELLS	1g	30cm O.C.
Hb	8	HOSTA X 'FRAGRANT BOUQUET'	HOSTA	1g	60cm O.C.
Hab	7	HOSTA X 'WIDE BRIM'	HOSTA	1g	45cm O.C.
<b>GROUNDCOVERS</b>					
Hhb	6	HEDERA HELIX BALTICA	ENGLISH IVY	9cm	SPECIMEN
Vm	151	VINCA MINOR	PERIWINKLE/MYRTLE	9cm	30cm O.C.
Vma	85	VINCA MINOR ALBA	WHITE PERIWINKLE/MYRTLE	9cm	30cm O.C.
<b>ORNAMENTAL GRASSES</b>					
Caf	16	CALAMAGROSTIS ACU. 'KARL FOERSTER'	FOERSTERS FEATHER REED GRASS	1g	50cm O.C.
Hsa	31	HAKONECHLOA MACRA AUREOLA	GOLDEN JAPANESE FOREST GRASS	1g	50cm O.C.
Her	10	HELICTOTRICHON 'SEMP. 'SAPPHIRE'	SAPPHIRE BLUE OAT GRASS	2g	60cm O.C.
Lea	25	LEYMUS ARENARIUS	BLUE LYME GRASS	1g	50cm O.C.



NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

**NOT FOR CONSTRUCTION**

No.	REVISION	DATE	BY
7.	REVISED AS PER CITY COMMENTS	OCT 3/14	RJ
6.	SITE PLAN APPROVAL 6th SUBMISSION & PERMITS	JUL 14/14	RJ
5.	SITE PLAN APPROVAL 5th SUBMISSION	MAR 6/14	JF
4.	SITE PLAN APPROVAL 4th SUBMISSION	FEB 28/14	JF
3.	SITE PLAN APPROVAL 3rd SUBMISSION	JAN 22/14	JF
2.	SITE PLAN APPROVAL 2nd SUBMISSION	DEC 20/13	JF
1.	ISSUED FOR SITE PLAN AND RE-ZONING	AUG15/13	JF

DESIGN	CHECKED	DRAWN	CHECKED	APPROVED
JF	RJ	JF	GM	GM

SCALE: 1:100

FOR REVIEW ONLY

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 Website: www.novatech-eng.com

LOCATION CITY OF OTTAWA 87 MANN AVE	PROJECT No. 113130
DRAWING NAME LANDSCAPE PLAN	REV REV # 07
	DRAWING No. L-1

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