

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS

2. ALL SHRUBS SHALL BE CONTAINED IN A CONTINUOUS PLANTING BED, UNLESS OTHERWISE DIRECTED

3. ALL DECIDUOUS OR CONIFEROUS SHRUBS TALLER THAN 1500mm SHALL BE STAKED WITH A MINIMUM OF ONE T-BAR 2400mm LONG. T-BARS TO BE PAINTED BLACK, SHALL NOT TOUCH OR PIERCE ROOT BALL.

4. MAINTAIN ORIGINAL GRADE AT SHRUB BASE OR SET SLIGHTLY HIGHER (50mm) TO ALLOW FOR SETTLEMENT. FOR LARGE SHRUBS NOT IN PLANTING BED, FORM SAUCER AROUND ROOT BALL WITH PLANTING SOIL.

5. REMOVE ALL NURSERY TABS, PLASTIC OR METAL IMMEDIATELY FOLLOWING INSPECTION AND ACCEPTANCE BY CITY.

ROCKERY NOTES:

PLACE THIRTEEN (23) CUBICAL ARMOUR STONE BOULDERS APPROXIMATE SIZE: 1M WIDE x 1.4M TO 1.8M LONG x 0.4M TO 0.6M HEIGHT

STONES TO BE INSERTED APPROX 0.1M INTO PROPOSED GRADE CW LEVEL TOPS.

PROVIDE FOR A BROAD RANGE OF PIECES IN ORDER TO CONSTRUCT A RANDOM NATURAL AFFECT.

PLACE A CONTINUOUS & OVERLAPPING SINGLE LAYER OF TERRAFIX 270R FABRIC UNDER ARMOUR STONE BOULDERS AND ALSO STONE MULCH.

SOD ON TOPSOIL

50mm OF LIMESTONE FINES COMPACTED TO 98% S.P.D.

100mm OF GRANULAR 'A' COMPACTED TO 98% S.P.D.

12" x 12" DOUBLE HOLLAND CONCRETE UNIT PAVERS INSTALL AS PER MANUFACTURERS SPECIFICATIONS

ALUMINUM PAVER RESTRAINT BY PERMOLOC WITH 5.5mm x 25mm SPIRAL STEEL SPIKE @ 300 O.C. (TYP)

COMPACTED SUBGRADE TO 98% S.P.D.

POURED concrete paving (125mm) to be 30 MPa @ 28 days w/ 6% air entrainment and polypropylene fiber in mix plus 150x150mm, W18.7W18.7 reinforcing mesh. Cut mesh at all expansion joints

Grade to be 25mm below top of concrete surface

HEATED CONCRETE 5/8" PEK TUBING 2" RIGID INSULATING PANELS REFER TO PLAN FOR LOCATION

300mm depth of Granular 'A' compacted to 98% S.P.M.D.D

Compacted subgrade to 98% S.P.D.

Expansion joints to be every 3000mm o.c. w/ expansion joint material as follows: pre-formed, closed cell, polyisofene expansion joint filler w/ removable top strip for joint sealing compound [by ASTM D7174-05] (25mm thick to full concrete depth) (25mm deep tear off strip) with Expansion joint sealant as follows: siluxflex 1CSL, high performance self leveling, one component, polyurethane sealant (typical)

Sawcuts to be @3000mm o.c. to 1/3 depth of concrete

HEATED CONCRETE 5/8" PEK TUBING 2" RIGID INSULATING PANELS REFER TO PLAN FOR LOCATION

LEGEND

EXISTING TREES

NORTH BOUNDARY LINE TO REMAIN

NEW TREES

JUNIPER

SHRUBS

ARMOUR STONE BOULDERS

STONE MULCH

SOD

1. THE CONTRACTOR SHALL REVIEW ALL INFORMATION IN THE DRAWINGS, DETAILS AND SPECIFICATIONS FOR THIS PROJECT, AND REPORT ANY DISCREPANCY OR SUBSTITUTION TO THE CONTRACT ADMINISTRATOR IN WRITING PRIOR TO COMMENCEMENT OF WORK.

2. ALL PLANTING MATERIAL AND OPERATIONS TO MEET OR EXCEED THE HORTICULTURAL STANDARDS OF THE CANADIAN NURSERY LANDSCAPE ASSOCIATION AND LANDSCAPE ONTARIO. ALL PLANT MATERIAL TO BE NO.1 GRADE NURSERY STOCK. THE CITY OF BARRIE RETAINS THE RIGHT TO REFUSE ANY UNSATISFACTORY STOCK.

3. DECIDUOUS STREET TREES SHALL BE A MINIMUM OF 60mm CALIPER WITH A STRAIGHT CENTRAL LEADER AND WELL BRANCHED 1.5m ABOVE GRADE UNLESS OTHERWISE STATED. REFER TO P1315.

4. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE TO SERVICES, EXISTING VEGETATION, OR ANY OTHER FEATURES TO BE RETAINED.

5. THE CONTRACTOR SHALL STAKE OUT ALL PLANTING LOCATIONS FOR APPROVAL BY THE CONTRACT ADMINISTRATOR, AND/OR CITY STAFF PRIOR TO PLANTING.

6. FOR ALL LANDSCAPE PLANS, ALL DIMENSIONS ARE TO BE SHOWN IN MILLIMETRES UNLESS OTHERWISE INDICATED.

7. COMPLY WITH THE FOLLOWING PLANTING SCHEDULES AS ILLUSTRATED ON P1315.

8. ALL PLANT MATERIAL AND WORKMANSHIP WILL BE INSPECTED AND IS UNDER WARRANTY FOR A MINIMUM OF TWO YEARS FROM THE DATE OF WRITTEN ACCEPTANCE. ALL PLANT MATERIAL MUST BE IN A HEALTHY, VIGOROUS GROWING CONDITION SATISFACTORY TO THE CONTRACT ADMINISTRATOR AT THE END OF THE WARRANTY PERIOD, OR TO BE REPLACED AT THE CONTRACTORS EXPENSE.

9. WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN THE TREES IN A HEALTHY CONDITION.

10. INSTALLATION OF THE PLANT MATERIAL PRIOR TO INSPECTION BY THE LANDSCAPE ARCHITECT AND/OR CITY STAFF WILL BE THE CONTRACTORS RESPONSIBILITY. THE LANDSCAPE ARCHITECT AND THE CITY OF BARRIE RESERVES THE RIGHT TO REJECT ANY PLANTS, WHETHER INSTALLED OR NOT, WHICH DO NOT CONFORM TO THE SPECIFICATIONS AND/OR SITE DRAWINGS. REMOVE ALL REJECTED PLANTS FROM THE SITE IMMEDIATELY. DO NOT REMOVE ANY LABELS FROM PLANTS UNTIL PLANTS HAVE BEEN INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT AND/OR CITY STAFF.

11. NO ACCESSIBLE OPEN HOLE TREE PITS SHALL BE PERMITTED OVERSIGHT. ALL OPEN PITS SHALL BE ABSOLUTELY PROTECTED BY BARRIERS OR FENCED IN WITH SOD PRIOR TO THE END OF EACH PLANTING DAY.

12. IN THE EVENT OF A DISCREPANCY BETWEEN A PLANT LIST AND DRAWING, THE DRAWING WILL BE ASSUMED TO BE CORRECT.

13. DO NOT PRUNE LEADERS. TREES WITH DAMAGED OR MISSING LEADERS WILL NOT BE ACCEPTED.

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2. ALL PLANTING MATERIAL AND OPERATIONS TO MEET OR EXCEED THE HORTICULTURAL STANDARDS OF THE CANADIAN NURSERY LANDSCAPE ASSOCIATION AND LANDSCAPE ONTARIO. ALL PLANT MATERIAL TO BE NO.1 GRADE NURSERY STOCK. THE CITY OF BARRIE RETAINS THE RIGHT TO REFUSE ANY UNSATISFACTORY STOCK.

3. SOD TO BE CANADA NO.1 NURSERY SOD, MEETING THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO STANDARDS. ALL AREAS TO RECEIVE A MINIMUM 300mm DEPTH OF TOPSOIL, AND SOD UNLESS OTHERWISE INDICATED. SEE DRAWINGS AND SPECIFICATIONS FOR AREAS TO BE MULCHED OR HYDRO-SEDED.

4. CONIFEROUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND DENSELY BRANCHED TO WITHIN 300mm OF THE TOP OF ROOT BALL. HEIGHT OF CONIFEROUS TREES IS DEFINED AS THE DISTANCE BETWEEN THE TOP OF ROOT BALL AND THE FIRST WHOLE (NOT LEADER HEIGHT). REFER TO P1315 AND P1313.

5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE TO SERVICES, EXISTING VEGETATION, OR ANY OTHER FEATURES TO BE RETAINED.

6. THE CONTRACTOR SHALL STAKE OUT ALL PLANTING LOCATIONS FOR APPROVAL BY THE CONTRACT ADMINISTRATOR, AND/OR CITY STAFF PRIOR TO PLANTING.

7. FOR ALL LANDSCAPE PLANS, ALL DIMENSIONS ARE TO BE SHOWN IN MILLIMETRES UNLESS OTHERWISE INDICATED.

8. ALL MASS PLANTINGS OF CONIFERS AND SHRUBS SHALL BE IN CONTINUOUS BEDS AND MULCHED WITH SHREDED CESH OR APPROVED EQUIVALENT.

9. SCHEDULE AND PERFORM OPERATIONS FOR OPTIMUM PLANTING CONDITIONS, AND TAKE WHATEVER MEASURES NECESSARY TO ENSURE HEALTHY, VIGOROUS GROWTH.

10. ALL PLANT MATERIAL AND WORKMANSHIP WILL BE INSPECTED AND IS UNDER WARRANTY FOR A MINIMUM OF TWO YEARS FROM THE DATE OF WRITTEN ACCEPTANCE. ALL PLANT MATERIAL MUST BE IN A HEALTHY, VIGOROUS GROWING CONDITION SATISFACTORY TO THE CONTRACT ADMINISTRATOR AT THE END OF THE WARRANTY PERIOD, OR TO BE REPLACED AT THE CONTRACTORS EXPENSE.

11. WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN THE TREES IN A HEALTHY CONDITION.

12. INSTALLATION OF THE PLANT MATERIAL PRIOR TO INSPECTION BY THE CITY OF BARRIE WILL BE THE CONTRACTORS RESPONSIBILITY. THE CITY OF BARRIE RESERVES THE RIGHT TO REJECT ANY PLANTS, WHETHER INSTALLED OR NOT, WHICH DO NOT CONFORM TO THE SPECIFICATIONS AND/OR SITE DRAWINGS. REMOVE ALL REJECTED PLANTS FROM THE SITE IMMEDIATELY. DO NOT REMOVE ANY LABELS FROM PLANTS UNTIL THE PLANTS HAVE BEEN INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT.

13. ALL PLANT MATERIALS WHICH CANNOT BE PLANTED IMMEDIATELY UPON ARRIVAL ON SITE SHALL BE PROPERLY HEeled IN OR WELL PROTECTED WITH SOD, OR SIMILAR MATERIALS TO PREVENT DRYING OUT, AND SHALL BE REPT INST UNTIL COMMENCEMENT OF PLANTING.

14. ALL NEW WORK TO BLEND NEATLY AND SMOOTHLY WITH EXISTING CONDITIONS.

15. NO GRADING OR SODDING SHALL BE DONE WITHIN THE LIMIT OF PRESERVATION AREAS.

16. IN THE EVENT OF A DISCREPANCY BETWEEN A PLANT LIST AND DRAWING, THE DRAWING WILL BE ASSUMED TO BE CORRECT.

PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	NUM	SIZE	COND					
TREES										
AF	ACER X 'FREMANT'	AUTUMN BLAZE MAPLE	6	60mm CAL	WB					
QR	QUERUS SERRA	RED OAK	4	60mm CAL	WB					
GT	GLEDITSIA TRICANTHUS VAR. INERMIS 'SKYLINE'	SKYLINE HONEY LOCUST	2	60mm CAL	WB					
				240cm HT	WB					
				150cm HT	WB					
SHRUBS										
SG	SPREA X BIMALDA 'GOLDFLAME'	GOLDFLAME SPREA	5	60CM HT						
BA	SPREA JAPONICA 'ANTHONY WATERER'	ANTHONY WATERER SPREA	22	60CM HT						
				50CM HT						
GRASSES										
CA	SALVIA NEMOROSA 'MAY NIGHT'	MAY NIGHT MEADOW SAGE	8	2 YR CONTAINER GROWN						
DA	CALAMAGROSTIS KARL FOERSTER	FEATHER REED GRASS	7	15CM POT						
DB	PENNISETUM ALOPECUROIDES 'HAEMEL'	DWARF FOUNTAIN GRASS	20	15CM POT						
NOTE: CONTRACTOR SHALL CONFIRM THAT ALL QUANTITIES SHOWN ON THE PLANT LIST CONFORM WITH THE PLANS. THE QUANTITIES SHOWN ON THE PLAN SUPERSEDE THE TOTALS OF THE LIST. REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT.										
TREE PRESERVATION										
Tree Data Number	Species	Material	DBH (mm) @ 1.4 m	Tree Diameter	Height (m)	Health	Structure	Overall Condition	Comments	Desires (%)
1	Scotch Pine	Pinus strobus	45	Neighbour	4.0	G	G	G		5
2	Scotch Pine	Pinus strobus	30	Neighbour	4.0	G	G	G		10
G: GOOD CONDITION			F: FAIR CONDITION			P: POOR CONDITION				

Notes "R" Us BUILDING