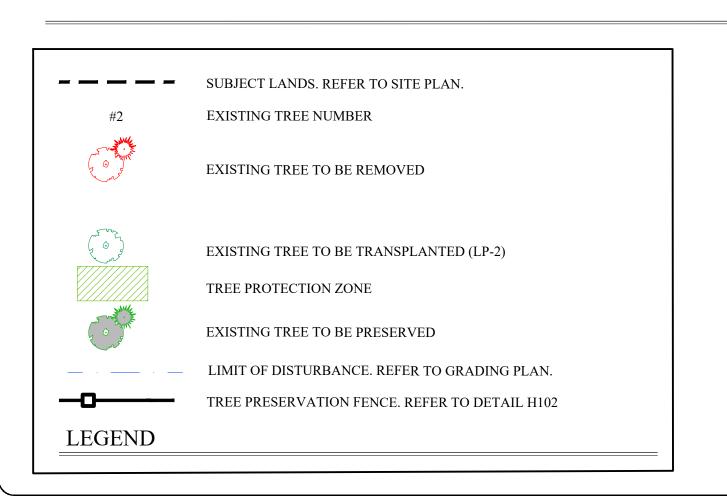
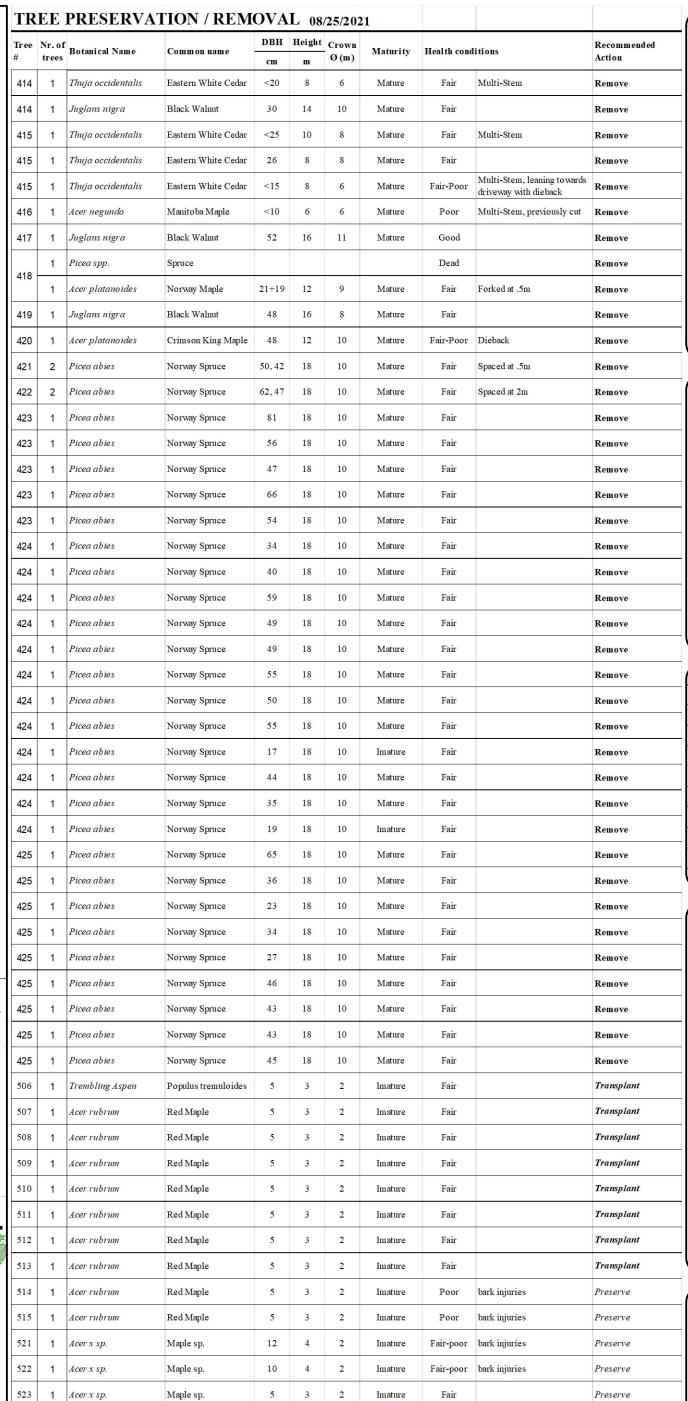
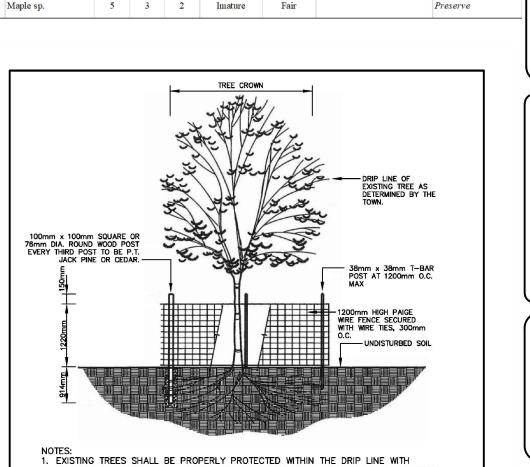


TREE INVENTORY & PRESERVATION PLAN







- EXISTING TREES SHALL BE PROPERLY PROTECTED WITHIN THE DRIP LINE WITH
 TEMPORARY FENCING AS PER THE APPROVED LANDSCAPE PLAN UNTIL PRELIMINARY
 ACCEPTANCE.
- 2. MAINTAIN EXISTING GRADE WITHIN DRIP LINE OF ALL TREES TO BE PRESERVED.
 3. THE AREA WITHIN THE PROTECTED FENCING SHALL REMAIN UNDISTURBED AND FREE OF DEBRIS, BUILDING MATERIALS AND EQUIPMENT.
 4. PRUNE DEAD WOOD ONLY UNLESS DIRECTED OTHERWISE BY THE TOWN. DO NOT PRUNE LEADERS. ALL CUTS GREATER THAN 25mm DIAMETER SHALL BE TREATED WITH
- APPROVED DRESSING AT THE DISCRETION OF THE TOWN.

 5. WATERING AND FERTILIZING PROGRAM SHALL BE MAINTAINED TO THE SATISFACTION OF
- THE TOWN.

 6. THE COST OF REPLACING DEAD AND SEVERELY DAMAGED TREES, AS DETERMINED BY THE TOWN, SHALL BE BORNE BY THE DEVELOPER AND/OR GENERAL CONTRACTOR. THE SPECIES AND SIZE(S) MUST BE APPROVED BY THE TOWN.

ALL DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED.

TOWN OF	BRADFORD	WEST	GWILL	IMBURY
TEMPORA	RY TREE PRO	OTECTIO	N \square	N.T.S. T REVISED: JUNE 2011 DWG. H102



KEY MAP

GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR ALL LOCATES INCLUDING ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION OR INSTALLATIONS. THE CONTRACTOR IS REQUIRED TO NOTIFY THE VARIOUS UTILITY COMPANIES 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.

ANY ACCOMPANYING DOCUMENTATION RELATING TO THE LANDSCAPE PLAN AND/OR PRESERVATION PLAN SUCH AS TENDER DOCUMENTS AND CHANGE NOTICES ARE TO BE ENDORSED BY JDB ASSOCIATES LIMITED PRIOR TO THE BEGINNING OF ANY SITE WORKS. IN THE EVENT THAT OF A DISCREPANCY THE DRAWING SHALL BE ASSUMED CORRECT.

IT IS THE RESPONSIBILITY OF THE PERSON OR PERSONS RESPONSIBLE FOR THE CONSTRUCTED WORKS TO NOTIFY THE LANDSCAPE ARCHITECT WHEN PREPARED FOR ANY REQUIRED INSPECTIONS AND SIGN OFFS.

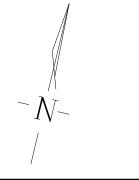
SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

No.	REVISION	DATE	APRVD.
1.	CLIENT REVIEW	December 2, 2021	StT
2.	SUBMISSION FOR SPA	December 15, 2021	StT
3.	REVISED AS PER UPDATED ROOF PLAN	February 23, 2022	MC
4.	REVISED AS PER TOWN AND LSRCA COMMENTS	April 14, 2022	StT

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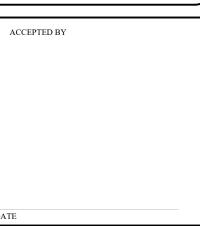
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LLOYD & PURCELL
A Division of Schaeffer Dzaldov Bennett LTD.
ONTARIO LAND SURVEYORS

1228 GORHAM STREET, UNIT 28,
NEWMARKET, ONTARIO, L3Y8Z1
(905) 895-6414 Fax (905) 8535837

BASE PLAN REVISED: March 5, 2021





JDB ASSOCIATES LTD.

Urban Designers Landscape Architects Arborists

274 Burton Ave., Suite 1201 Barrie, Ontario L4N 5W4

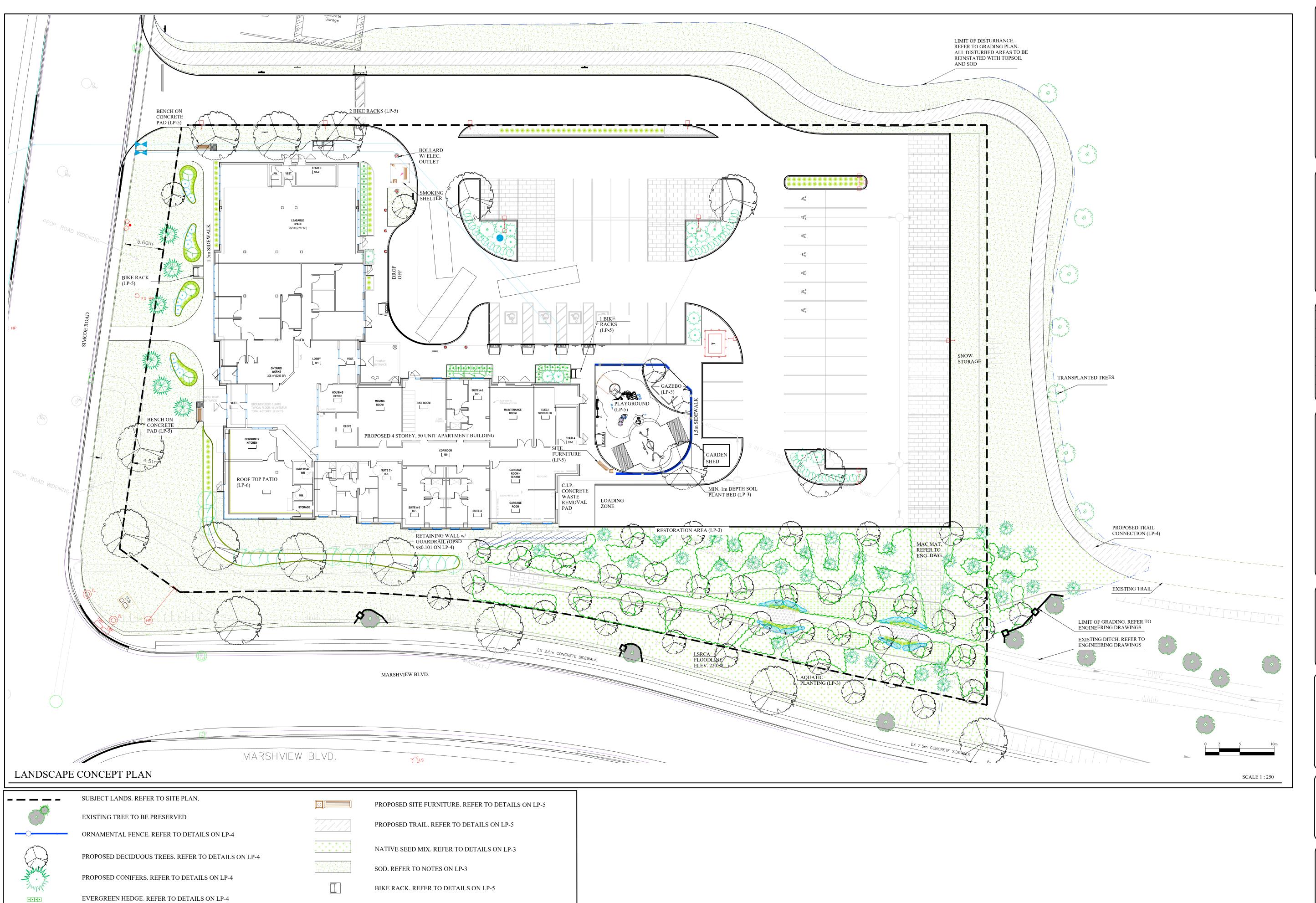
Fax: 705-722-5660 Tel: 705-722-6278

SIMCOE COUNTY AFFORDABLE HOUSING BWG 151 SIMCOE RD,

BRADFORD WEST GWILLIMBURY, ON

TREE INVENTORY/PRESERVATION PLAN

SCALE: 1:250	DATE: September 2021	DESIGNED BY: StT	REVIEWED BY: NB
CITY FILE No.	OUR FILE REF. # 33-21	DRAWN BY: StT	TP-1



SHRUBS AND PERENNIALS. REFER TO DETAILS ON LP-4

ORNAMENTAL GRASSES.

LEGEND

TRANSPLANTED TREES (TP & LP-2)

LIMIT OF DISTURBANCE. REFER TO GRADING PLAN.

TREE PRESERVATION FENCE. REFER TO DETAIL H102

GUARDRAIL. REFER TO OPSD 101 ON LP-4



GENERAL NOTES

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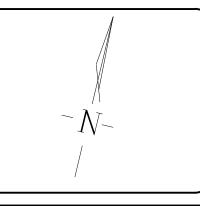
SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

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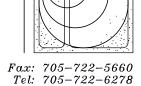




JDB associates LTD.

Urban Designers Landscape Architects Arborists

274 Burton Ave., Suite 1201 Barrie, Ontario L4N 5W4

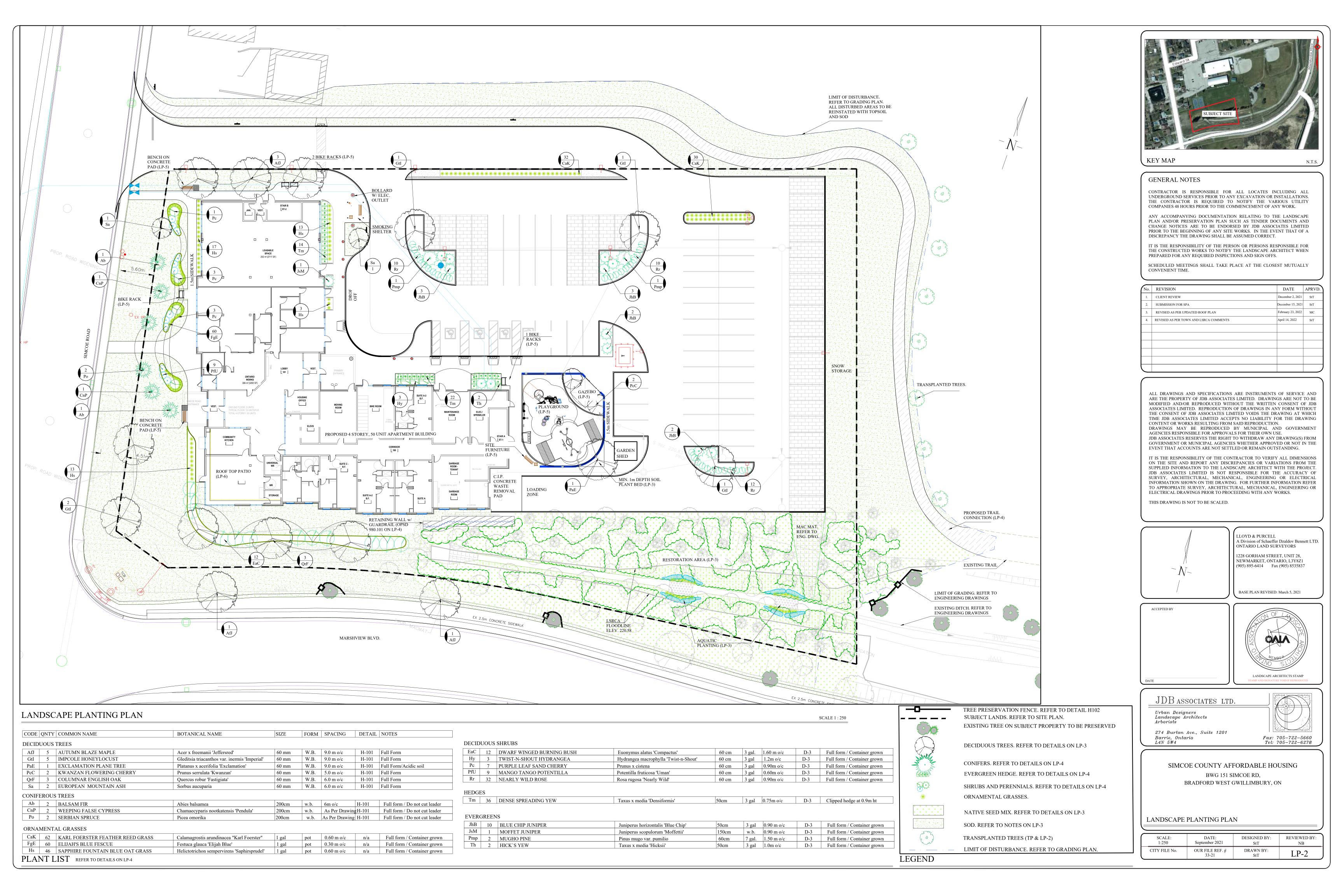


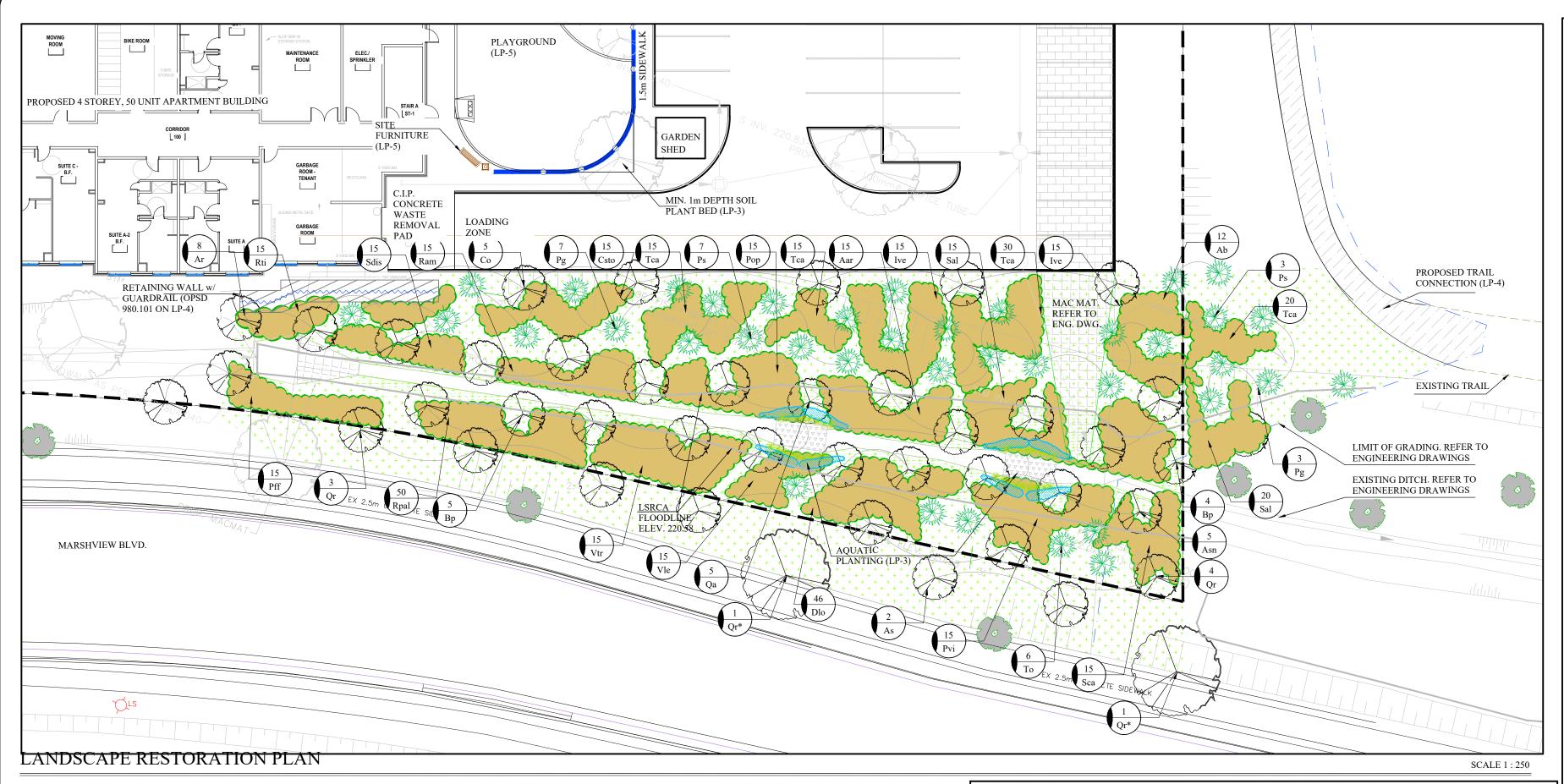
SIMCOE COUNTY AFFORDABLE HOUSING BWG 151 SIMCOE RD,

BRADFORD WEST GWILLIMBURY, ON

LANDSCAPE CONCEPT PLAN

SCALE:	DATE:	DESIGNED BY:	REVIEWED BY:
1:250	September 2021	StT	NB
CITY FILE No.	OUR FILE REF. # 33-21	DRAWN BY: StT	LP-1





CODE	ONTY	COMMON NAME	BOTANICAL NAME	SIZE	FORM	SPACING	DETAIL	NOTES
		IDUOUS TREES						
Ar	8	RED MAPLE	Acer rubrum	80 cm	2 gal	9.0 m o/c	D-1	Full Form/ Fall prunning only
As	3	SUGAR MAPLE	Acer saccharum	80 cm	2 gal	9.0 m o/c	D-1	Full Form/ Fall prunning only
Asn	5	SILVER MAPLE	Acer saccharinum	80 cm	2 gal	9.0 m o/c	D-1	Full Form/ Fall prunning only
Вр	9	YELLOW BIRCH	Betula alleghaniensis	60 cm	2 gal	9.0 m o/c	D-1	Clump form
Co	5	COMMON HACKBERRY	Celtis occidentalis	60 cm	2 gal	9.0 m o/c	D-1	Full Form
Qa	5	SWAMP WHITE OAK	Quercus bicolor	80 cm	2 gal	15.0 m o/c	D-1	Spring planting/ Soil pH<7.5
Qr*	2	RED OAK	Quercus rubra	60 mm	W.B.	9.0 m o/c	D-1	Spring planting/ Soil pH<7.5
Qr	7	RED OAK	Quercus rubra	80 cm	2 gal	9.0 m o/c	D-1	Spring planting/ Soil pH<7.5
NATIVI	E CON	IIFEROUS TREES		·			-1	
Ab	12	BALSAM FIR	Abies balsamea	40 cm	2 gal	6m o/c	D-2	Full form / Do not cut leader
Pg	10	WHITE SPRUCE	Picea glauca	60 cm	2 gal	5m o/c	D-2	Full form / Do not cut leader
Ps	10	EASTERN WHITE PINE	Pinus strobus	60 cm	2 gal	6m o/c	D-2	Full form / Do not cut leader
То	6	EASTERN WHITE CEDAR	Thuja occidentalis	80 cm	2 gal	1.0 m o/c	D-2	Full form / Do not cut leader
NATIV	E SHF	RUBS		·			•	
Aar	15	SERVICE-BERRY	Amelanchier alnifolia	pot	2 gal	1.8m o/c	D-3	Full form / Container grown
Csto	15	RED OSIER DOGWOOD	Cornus stolonifera	pot	2 gal	2.0m o/c	D-3	Full form / Container grown
Dlo	46	BUSH HONEYSUCKLE	Diervilla lonicera	pot	2 gal	1.0m o/c	D-3	Full form / Container grown
Ive	30	WINTERBERRY	Ilex verticillata	pot	2 gal	2.0m o/c	D-3	Full form / Container grown
Pff	15	COMMON CINQUEFOIL	Potentilla fruticosa ssp. floribunda	pot	2 gal	1.0 m o/c	D-3	Full form / Container grown
Pop	15	COMMON NINEBARK	Physocarpus opulifolius	pot	2 gal	1.8m o/c	D-3	Full form / Container grown
Pvi	15	COMMON CHOKECHERRY	Prunus virginiana ssp. virginiana	pot	2 gal	6.0m o/c	D-3	Full form / Container grown
Ram	15	WILD BLACK CURRANT	Ribes americanum	pot	2 gal	2.0m o/c	D-3	Full form / Container grown
Rpal	50	SWAMP ROSE	Rosa palustris	pot	2 gal	1.0m o/c	D-3	Full form / Container grown
Rti	15	STAGHORN SUMAC	Rhus typhina	pot	2 gal	2.5m o/c	D-3	Top-base slope
Sal	35	MEADOWSWEET	Spiraea alba	pot	2 gal	1.2m o/c	D-3	Full form / Container grown
Sca	15	BUFFALOBERRY	Shepherdia canadensis	pot	2 gal	2.3m o/c	D-3	Full form / Container grown
Sdis	15	PUSSY WILLOW	Salix discolor	pot	2 gal	2.0m o/c	D-3	Mid-base slope
Tca	80	CANADIAN YEW	Taxus canadensis	pot	2 gal	1.0m o/c	D-3	Full form / Container grown
Vle	15	NANNYBERRY	Viburnum lentago	pot	2 gal	1.5m o/c	D-3	Full form / Container grown
Vtri	15	HIGH BUSH CRANBERRY	Viburnum trilobum	pot	2 gal	2.5m o/c	D-3	Full form / Container grown
AQUA	ΓIC PL	ANTS						
Iv	100	WILD BLUE FLAG IRIS	Iris versicolor	10cm	plug	n/a	m/a	Shoreline
Lc	100	CARDINAL FLOWER	Lobelia canadensis	10cm	plug	n/a	m/a	Shoreline
Pc	60	PICKEREL WEED	Pontederia cordata	10cm	plug	n/a	m/a	Emergent
			1	1	1 1 8		1	

REFER TO PLANTING DETAILS ON LP-4

AQUATIC PLANTING DETAIL (typ.)

AND D-4 ON LP-4 RESTORATION NATIVE SEED MIX. REFER TO DETAILS ON THIS PAGE. LANDSCAPING TREES. REFER TO LANDSCAPING PLANS (LP-2) EXISTING TREE TO BE PRESERVED LIMIT OF DISTURBANCE. REFER TO GRADING PLAN. LEGEND

DETAIL D-1 ON LP-4

ON LP-4

SUBJECT LANDS. REFER TO SITE PLAN.

RESTORATION DECIDUOUS TREES. REFER TO

RESTORATION CONIFERS. REFER TO DETAIL D-2

RESTORATION SHRUBS. REFER TO DETAILS D-3

1. VERIFY ALL EXISTING SITE CONDITIONS AND REPORT ANY DISCREPANCIES BEFORE COMMENCING WORK.

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.

3. FOR ALL AREAS OF DISTURBANCE: NATIVE TOPSOIL IS TO BE STRIPPED, STOCK PILED, LABORATORY TESTED AND REPLACED AS PER TOPSOIL REQUIREMENTS.

PLANT MATERIAL REQUIREMENTS

OTHERWISE STATED.

PLANTING NOTES

4. PLANT MATERIAL LISTED IN THE PLANT SCHEDULE ARE MINIMUM SIZES +/- NURSERY GROWN AND UNIFORM SPECIMENS. NO SUBSTITUTIONS WILL BE PERMITTED WITHOUT WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECTS.

6. CONIFEROUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND DENSELY BRANCHED TO WITHIN 0.3m OF THE

ALL PLANTING MATERIAL AND OPERATIONS TO MEET OR EXCEED THE HORTICULTURAL STANDARDS OF THE CANADIAN NURSERY LANDSCAPE ASSOCIATION AND THE HORTICULTURAL TRADES ASSOCIATION. ALL PLANT MATERIAL TO BE NO.1 GRADE NURSERY STOCK. UNSATISFACTORY STOCK WILL BE REFUSED ON THE SITE.

8. SOD TO BE CANADA NO.1 NURSERY SOD, MEETING ONTARIO SOD GROWERS ASSOCIATION STANDARDS. ALL SOD AREAS TO RECEIVE 200MM DEPTH OF TOPSOIL UNLESS OTHERWISE INDICATED.

9. LOCATIONS FOR PLANT MATERIAL AND PLANTING BEDS ARE TO BE MARKED OR STAKED OUT BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT AND MUNICIPAL STAFF PRIOR TO INSTALLATION.

10. ALL PLANT MATERIAL WHICH ARE SPECIFIED BY O.C. (ON CENTER SPACING) ARE TO BE PLANTED AS NOTED IN THE PLAN

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

12. ALL MASS PLANTINGS OF SHRUBS SHALL BE IN CONTINUOUS BEDS AND MULCHED AS SPECIFIED.

13. ALL TREE PITS SHALL INCLUDE TREATMENT WITH MICORRHIZAL FUNGI OF THE WALLS BEFORE PLANTING (2L OF "MIKE" OR SIMILAR PRODUCT SHALL BE USED FOR EACH 60MM CALIPER TREE)

14. ALL TREES ARE TO BE STAKED OR GUY WIRED ACCORDING TO DETAILS PROVIDED. NO ACCESSIBLE OPEN HOLE TREE PITS SHALL BE PERMITTED OVERNIGHT.

15. REMOVE BURLAP AND ROPE FROM THE TOP 1/3 OF ROOT BALLS.

16. WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN THE TREES IN A HEALTHY CONDITION. 17. ALL PLANT MATERIALS WHICH CAN NOT BE PLANTED IMMEDIATELY UPON ARRIVAL ON SITE SHALL BE PROPERLY HEELED IN OR WELL PROTECTED WITH SOIL OR SIMILAR MATERIALS TO PREVENT DRYING OUT AND SHALL BE KEPT MOIST UNTIL

NO ACCESSIBLE OPEN HOLE TREE PITS SHALL BE PERMITTED OVERNIGHT. ALL OPEN PITS SHALL BE ADEQUATELY

PROTECTED BY INNISFILRS OR FILLED IN WITH SOIL PRIOR TO THE END OF EACH PLANTING DAY.

19. ALL NEW WORK TO BLEND NEATLY AND SMOOTHLY WITH EXISTING CONDITIONS. INSPECTION AND WARRANTY

GIVE TIMELY NOTICE TO THE LANDSCAPE ARCHITECT FOR THE REQUIRED START UP SITE INSPECTION TO REVIEW SITE CONDITIONS AND

INSTALLATION OF PLANT MATERIAL PRIOR TO INSPECTION BY THE LANDSCAPE ARCHITECT WILL BE THE CONTRACTOR'S RESPONSIBILITY. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS, WHETHER INSTALLED OR NOT, WHICH DO NOT CONFORM TO THE

SPECIFICATIONS AND/OR SITE DRAWING. 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

ALL PLANT MATERIAL AND WORKMANSHIP WILL BE INSPECTED AND IS UNDER WARRANTY FOR A MINIMUM OF TWO YEAR FROM 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 BE REPLACED AT THE CONTRACTORS EXPENSE.

FINAL ACCEPTANCE OF THE PROJECT WILL BE CARRIED OUT UPON COMPLETION OF ALL WORK INCLUDED IN THE CONTRACT

STAKING HARDWARE TO BE REMOVED AFTER ONE GROWING SEASON

TOPSOIL REQUIREMENTS

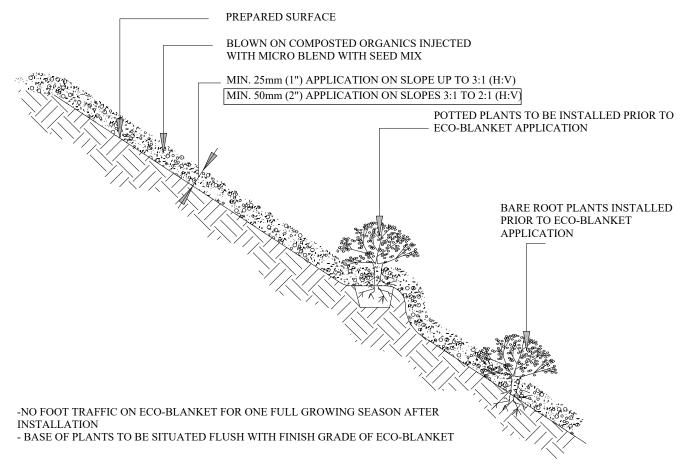
PROVIDE MINIMUM SOIL VOLUME PER TREE AT 0.45m DEPTH FOR STREET TREES (OR ABOVE UTILITIES) AND MAX. 0.9m IN OTHER AREAS: 18 m³ FOR LARGE TREES

12 m³ FOR SMALL TREES

PREPARED SOIL MIXTURE FOR EACH TREE PITS AND SHRUBS SHALL CONSIST OF HIGH QUALITY SOIL: SIX PARTS OF FERTILE LOAM SOIL (50-60% SAND, 20-40% SILT, 6-10% CLAY, 2-5% ORGANIC), WITH A pH OF 7.5* OR LESS, FREE OF CLAY LUMPS, DEBRIS. TOXIC SUBSTANCES, STONES, WOODY MATERIAL, WEED SEEDS AND GRASS ROOTS

ONE PART COARSE PULVERIZED CANADIAN PEAT MOSS ONE PART OF WELL-ROTTED FARM MANURE

PREPARED SOIL MIXTURE FOR SOD AREAS SHALL CONSIST OF MIN. 20cm HIGH QUALITY SOIL: SIX PARTS OF FERTILE LOAM SOIL (50-60% SAND, 20-40% SILT, 6-10% CLAY, 2-5% ORGANIC), WITH A pH OF 7.5* OR LESS, FREE OF CLAY LUMPS DEBRIS, TOXIC SUBSTANCES, STONES, WOODY MATERIAL, WEED SEEDS AND GRASS ROOTS PLANTING NOTES



his work shall consist of furnishing, constructing and maintaining an EcoBlanket(to Rexius specifications. EcoBlanket is a ground cover (surface blanket) of the Rexius specified compost/mulch (Erosion Blend) combined with a special additive (Microblend) constructed with a pneumatic blower to control and reduce soil erosion. An EcoBlanket stabilizes the soil, prevents splash, sheet and rill erosion, and removes suspended soil particles and

abilized to the point that it is appropriate for this particular application. Compost material shall be processed through proper thermophilic composting, meeting the Canadian Council of Ministers of the Environment's (CCME)

.1. This EcoBlanket must be applied by Landsource Organix Ltd., 100 Britannia Road East, Hornby, Ontario L0P 1E0, tollfree 1 877 548 8558 (toll free fax 1 877 548 8559) or equivalent certified EcoBlanket installer. 1.2. Materials must be applied using a pneumatic blower unit complete with a supplemental granular injection system capable of installing at least 15 cubic meters per hour.

1.3. Contractor must have at least 3 years of proven experience in successfully installing EcoBlanketsTM.

he EcoBlanket filtering material consists of the Rexius Erosion Blend of compost and mulch materials, according to the Rexius particle sizing specifications, in combination with the Rexius Microblend additive. .1. Particle size must meet exact specifications of the Rexius EcoBlanket Erosion Blend material supplied by a certified supplier/installer. .2. The compost portion of EcoBlanket shall be derived from well-decomposed organic matter source produced by controlled aerobic (biological) decomposition that has been sanitized through the generation of heat and

definition for a 'process to further reduce pathogens' (PFRP). The compost portion shall meet the chemical, physical and biological properties (as outlined in the chart on reverse). These and all other required properties for the performance of the EcoBlanket are included in the Rexius EcoBlanket Manufacture Guidelines followed by certified suppliers/installers. .3. Rexius Microblend additive shall be injected into Erosion Blend material at time of EcoBlanket construction. 2.4. A proof of certification as an EcoBlanket supplier shall be submitted to the Landscape Architect for approval prior to installation. Test results for EcoBlanket performance shall be made available upon request.

1. The EcoBlanket shall be placed as shown on the plans or as directed by the Landscape Architect. 3.2. On areas with slopes 3:1 to 2:1 (H:V) the EcoBlanket shall be uniformly applied directly at the soil surface with a pneumatic blower as specified by Rexius. EcoBlanket shall be applied at a depth of 50 mm minimum and pproximately 90 cm over the top of the slope, or overlap it into existing vegetation. On areas with slopes up to 3:1(H:V) the EcoBlanket shall be applied at a depth of 25mm minimum. In extreme conditions and where specified by the Engineer/Landscape Architect., EcoBerms shall be added and constructed at the top of the slope in parallel intervals down the profile of the slope (6 metres to 9 metres apart) if necessary. (The Engineer/Landscape Architect shall specify berm requirements)

.3. Rexius Microblend shall be applied/injected at a minimum rate of 615 kgs. per hectare (or as specified by Rexius), to be confirmed by inspector/project manager. 3.4. EcoBlanket application depth may be modified based on specific site (e.g., soil characteristics, existing vegetation) and climatic conditions, as well as particular project related requirements. The severity of slope grade, as well as slope length will also influence the addition of EcoBerms and number of EcoBerm placements in combination with the EcoBlanket. 3.5. If temporary or long-term vegetation is required, Erosion Blend material may be injected with seed during application. The Engineer/Landscape Architect shall specify seed requirements and the compost/mulch component

shall abide by the minimum standards set by Rexius for seeding. 3.6. Where vegetation is to be established, slightly roughen (scarify) slopes and remove large clods, rocks, stumps, roots larger than 50 mm in diameter and debris on slopes. This soil preparation step may be eliminated where approved by the Landscape Architect/Designer, or where seeding or planting is not planned. Where practical, track (compact) perpendicular to contours on the slope using a bulldozer before applying EcoBlanket injected with

3.7. Do not use EcoBlankets in areas of concentrated flow (ie. ditches, streams, etc.) 3.8. Unless otherwise allowed by Landscape Architect, seeding shall be performed within the local region's seeding deadlines.

5. Where seeding or planting is planned, Erosion Blend material must meet Rexius' minimum specification requirements for seeding purposes.

ontaminants from water moving off the site and into adjacent waterways or storm water conveyance systems.

The Contractor shall maintain the EcoBlanket in a functional condition at all times. Contractor shall make periodic inspections of the EcoBlanket for effectiveness and shall immediately correct all deficiencies. Where deficiencies exist, additional EcoBlanket material shall be installed immediately to required depth.

5.0 Method of Measurement:

EcoBlanket shall be measured by the square metre, complete in place.

1. Place EcoBlankets on denuded areas immediately or as directed by Landscape Architect. EcoBerms and/or temporary or permanent vegetation shall be applied/established when necessary, along with other appropriate structural measures and controls, for additional erosion and sediment control. 6.2. The work specified in this Section consists of designing, providing, and maintaining erosion and sedimentation controls as necessary. All existing and foreseeable future conditions that affect the work inside and outside the site limits must be acknowledged as the Contractor's responsibility. Contractor is responsible for providing effective sediment control measures based on performance. Contractor may, with approval from the Landscape Architect, work outside the minimum construction require establish a working erosion control system.

Parameters 1,4 Reported as (units of measure) EcoBlanket to be Vegetated EcoBlanket to be left Un-vegetated

PH2 pH units 5.0 - 8.5 N/A Soluble Salt Concentration2 (electrical conductivity) ds/m (mmhos/cm) Maximum 5 N/A

tability3 Carbon Dioxide Evolution Rate mg CO2-C per g OM per day < 8 N/A Physical Contaminants (man-made inerts) % dry weight basis < 1 < 1

Recommended test methodologies are provided in Test Methods for the Examination of Composting and Compost (SCC through BNQ) 2. Each specific plant species requires a specific pH range. Each plant also has a salinity tolerance rating, and maximum tolerable quantities are known. When specifying the establishment of any plant or turf species, it is important to understand their pH and soluble salt requirements, and how they relate to the compost in use. 3. Stability/Maturity rating is an area of compost science that is still evolving, and as such, other various test methodscould be considered. Also, never base compost quality conclusions on the result of a single stability/maturity

4. Landscape Architect may modify the allowable compost specification ranges based on specific field conditions and plant requirements.

ECOBLANKET SPECIFICATIONS AND DETAIL

DETAIL ADAPTED FROM LANDSOURCE ORGANIX EcoBlanket (tel.:1-877-548-8558)

PLANTED SPECIES TO BE MONITORED ONCE A YEAR FOR TWO YEARS DURING THE GROWING SEASON

AFTER THE INSTALLATION. A MINIMUM OF 80% OF SURVIVAL RATE TO BE ACHIEVED.

REPLACEMENT PLANTING TO BE COMPLETED AFTER

TWO YEAR.

INVASIVE SPECIES TO BE REMOVED.

SILTATION FENCE TO REMAIN IN PLACE UNTIL THE

END OF THE MONITORING PERIOD.

POST DEVELOPMENT NOTES

REFER TO RECOMMENDATIONS IN SECTION 7 & 8 OF THE E.I.S. STUDY BY CAMBIUM, FEB. 23, 20022.

FLOOD ZONE

NO-MOW ZONE

APPROXIMATELY 260 sq/m (+10%) (+/- MEASUREMENTS TO BE TAKEN ON SITE)

#7107 - SEASONALLY FLOODED ANNUAL/PERENNIAL MIXTURE 5% NODDING BUR MARIGOLD (Biddens ceruna)

22% FOX SEDGE (Carex vulpinoidea)

25% CANADA WILD RYE (Elymus canadensis) 25% SWITCHGRASS (Panicum virgatum)

23% FOWL MEADOWGRASS (Poa palustris)

UPLAND PLANTING ZONE NO-MOW ZONE (INCLUDING ALL DISTURBED AREAS)

APPROXIMATELY 2250m² (+10%) (+/- MEASUREMENTS TO BE TAKEN ON SITE)

SIMCOE COUNTY NATIVE UPLAND MIXTURE 2% NEW ENGLAND ASTER (Aster novae-anglaie) 12% BLACK EYED SUSAN (Rudbeckia hirta)

20% SAND DROPSEED (Sporobolus crytandrus)

20% CANADA WILD RYE (Elymus candadensis) 4% CANADA GOLDEN ROD (Solidago canadensis)

5% COMMON MILKWEED (Asclepias syriaca) 1% WILD BERGAMONTE (Monarda Fistulosa)

1% SMOOTH BLUE ASTER (Aster laevis)

15% LITTLE BLUE STEM (Andropogon scoparius) 20% INDIANGRASS (Sorghastrum nutans)

SEEDING RATE - 30kg PER HECTARE SUPPLIED BY - OSC SEEDS 1-519-886-0557 ANNUAL RYE NURSE CROP TO BE APPLIED AT TIME OF NATIVE UPLAND PLANTING MIXTURE AT A RATE OF 12kg PER HECTARE. REFER TO TERRASEEDING NOTES AND MULCH APPLICATION SPECIFICATIONS IN THIS BOX FOR FURTHER DETAILS.

TERRASEEDING APPLICATION SPECIFICATIONS

ECOBLANKET OR TERRASEEDING TACTIFIER / FLEXGUARD HYDROMULCH SHALL BE APPLIED AS PER MANUFACTURER SPECIFICATIONS. SEE NOTES ON THIS PAGE.

TOPSOIL SHALL BE PROVIDED TO A MINIMUM DEPTH OF 0.45m FOR TERRESTRIAL AREAS EXCEPT THE RIP RAP. TOPSOIL QUALITY SHALL BE AS PER NOTES ON THIS PAGE. IT SHALL BE TESTED BY AN INDEPENDENT LABORATORY PRIOR TO INSTALLATION.

NB - ALL DISTURBED AREAS TO BE TERRASEEDED

SEEDING AND TOP SOIL NOTES



GENERAL NOTES

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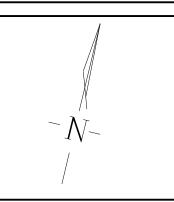
SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

No.	REVISION	DATE	APRVE
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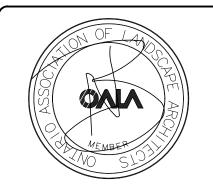
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BASE PLAN REVISED: March 5, 2021





JDB associates LTD

274 Burton Ave., Suite 1201 Barrie, Ontario

Fax: 705-722-5660 Tel: 705-722-6278

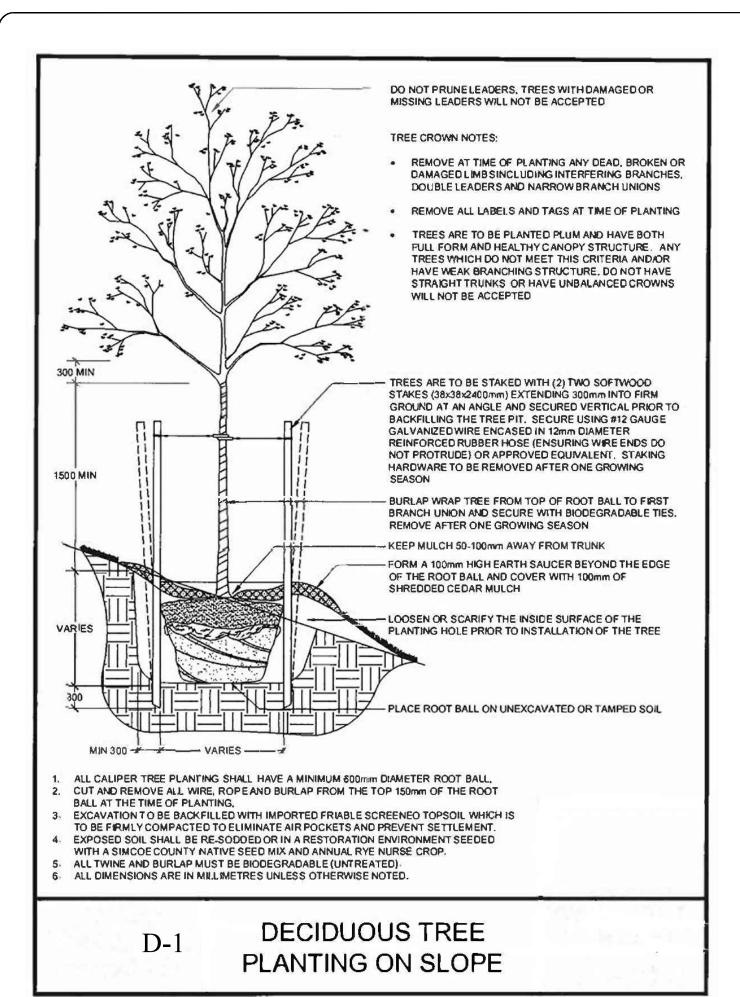
SIMCOE COUNTY AFFORDABLE HOUSING BWG 151 SIMCOE RD, BRADFORD WEST GWILLIMBURY, ON

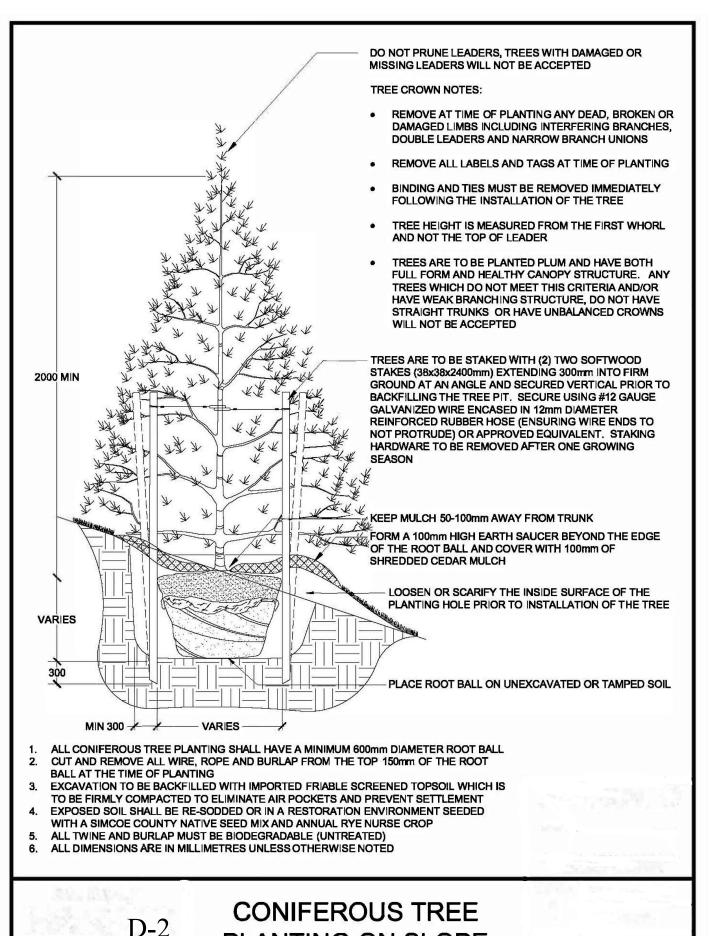
RESTORATION PLANTING PLAN

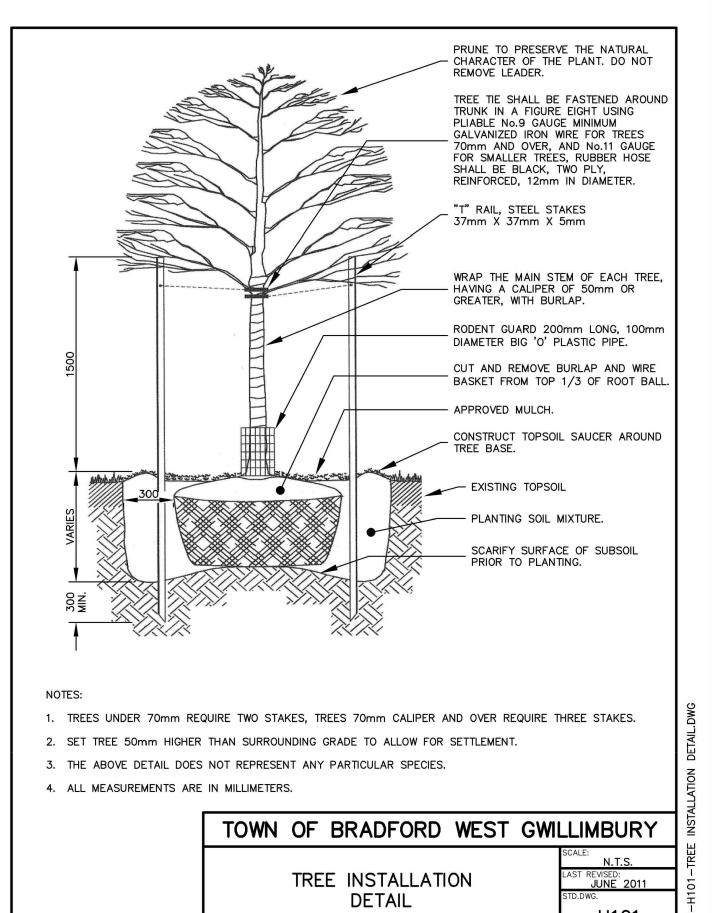
Landscape Architects

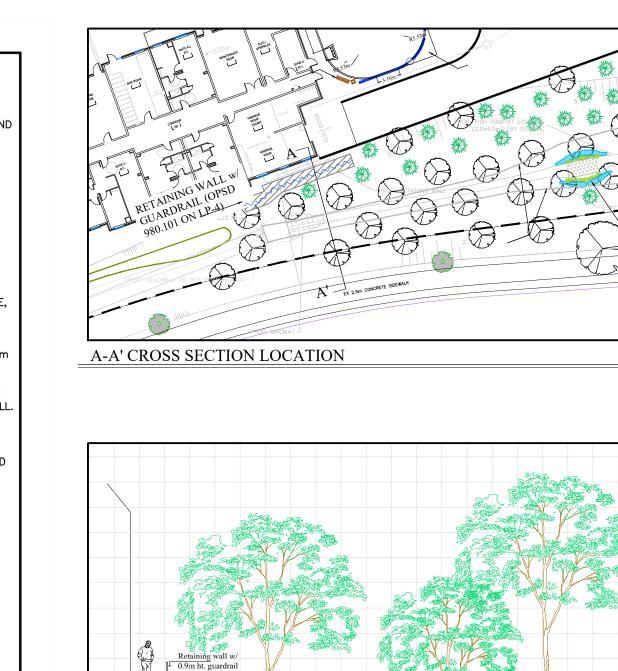
L4N 5W4

SCALE:	DATE:	DESIGNED BY:	REVIEWED BY
1:250	September 2021	StT	NB
CITY FILE No.	OUR FILE REF. # 33-21	DRAWN BY: StT	LP-3











CONVENIENT TIME

PL 223.00

Typical Geosynthetic Reinforced Wall

GENERAL NOTES

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SEPARATION GEOTEXTILE 0.9m ht. guardrail (REQUIRED AT TOP OF (OPSD 980.101) GRAVEL FILL, OPTIONAL AT BACK AND BOTTOM) LOW-PERMEABILITY SOIL COPING UNIT -STANDARD UNIT mm [12.0"] GRAVEL FILL GEOSYNTHETIC (FREE-DRAINING AGGREGATE REINFORCEMENT TO WITHIN 25mm (1") OF FRONT EDGE OF COMPACTED NATIVE BACKFILL BLOCK FACE -FINISHED GRADE mm [4.0"] DIA. MINIMUM DRAINPIPE LEVATION VARIES) 150mm [6.0"] MINIMUM COMPACTED GRANULAR-BASE LEVELING PAD This graphic represents a prelimina on site-specific design. If used for Proterra™ Retaining Wall System OAKS struction, a registered professio

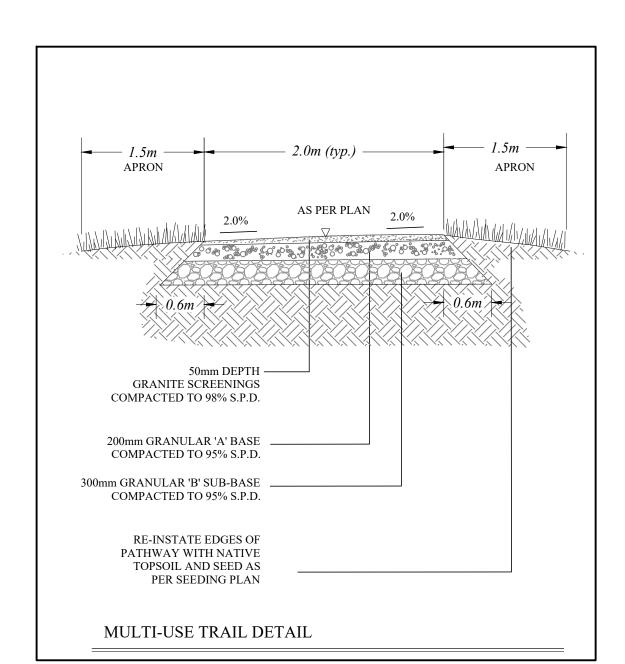
220.25

+---+1.00m

A-A' CROSS SECTION

RETAINING WALL DETAIL - shop drawing signed by structural engineer to be provided before installation

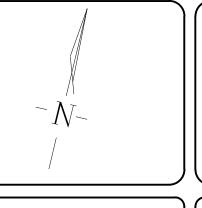
& approve the design, confirm site



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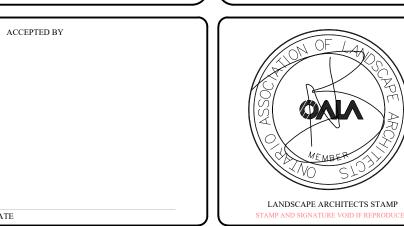
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BASE PLAN REVISED: March 5, 2021



JDB ASSOCIATES LTD Urban Designers

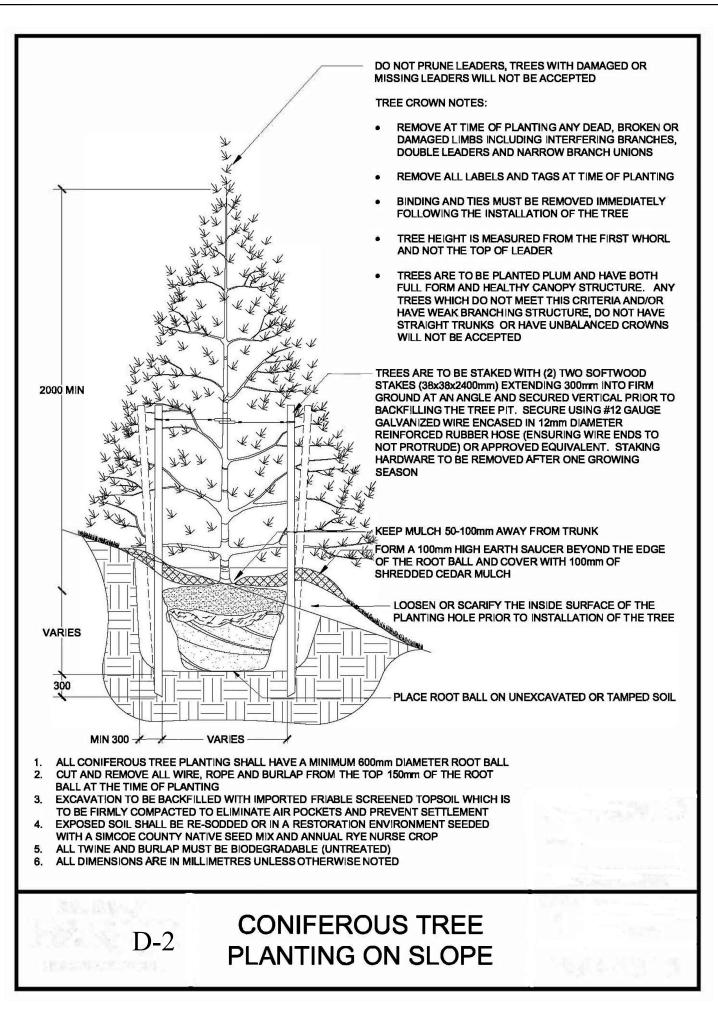
Landscape Architects Arborists274 Burton Ave., Suite 1201

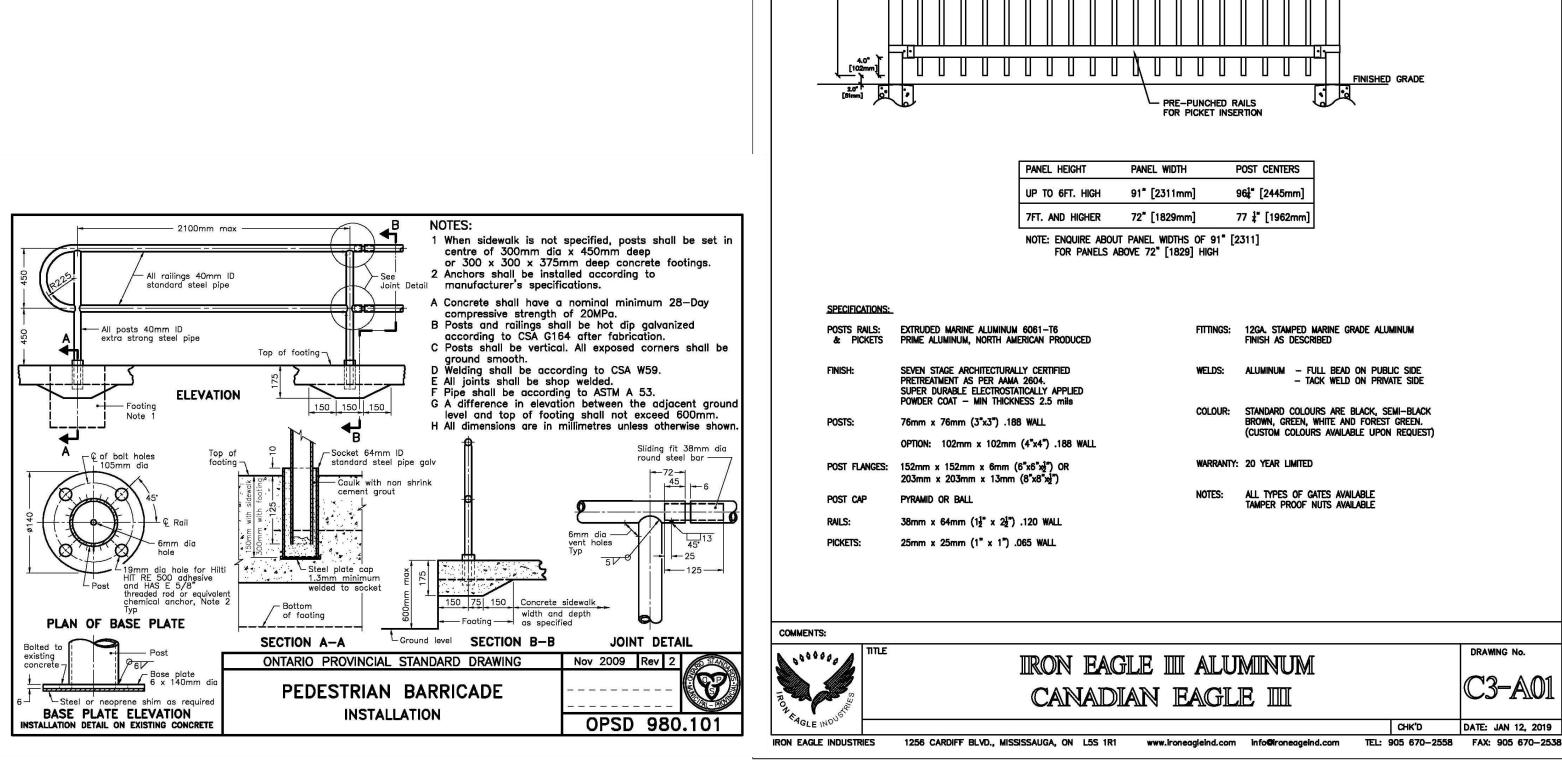
Fax: 705-722-5660 Barrie, Ontario L4N 5W4 Tel: 705-722-6278

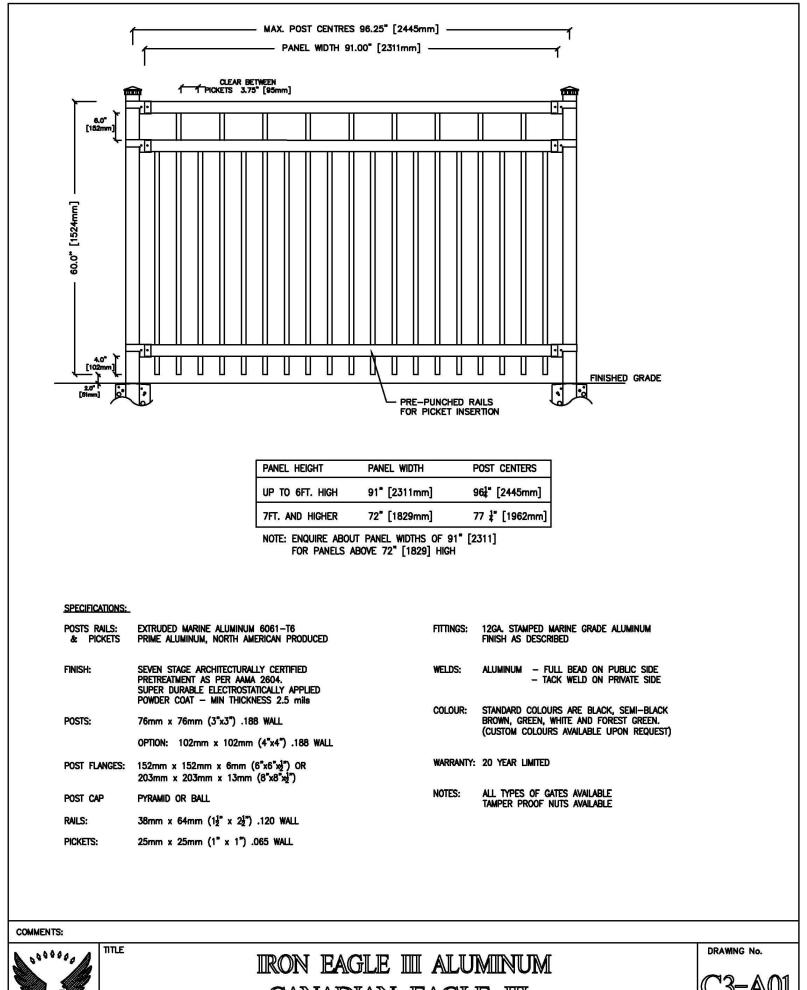
SIMCOE COUNTY AFFORDABLE HOUSING BWG 151 SIMCOE RD, BRADFORD WEST GWILLIMBURY, ON

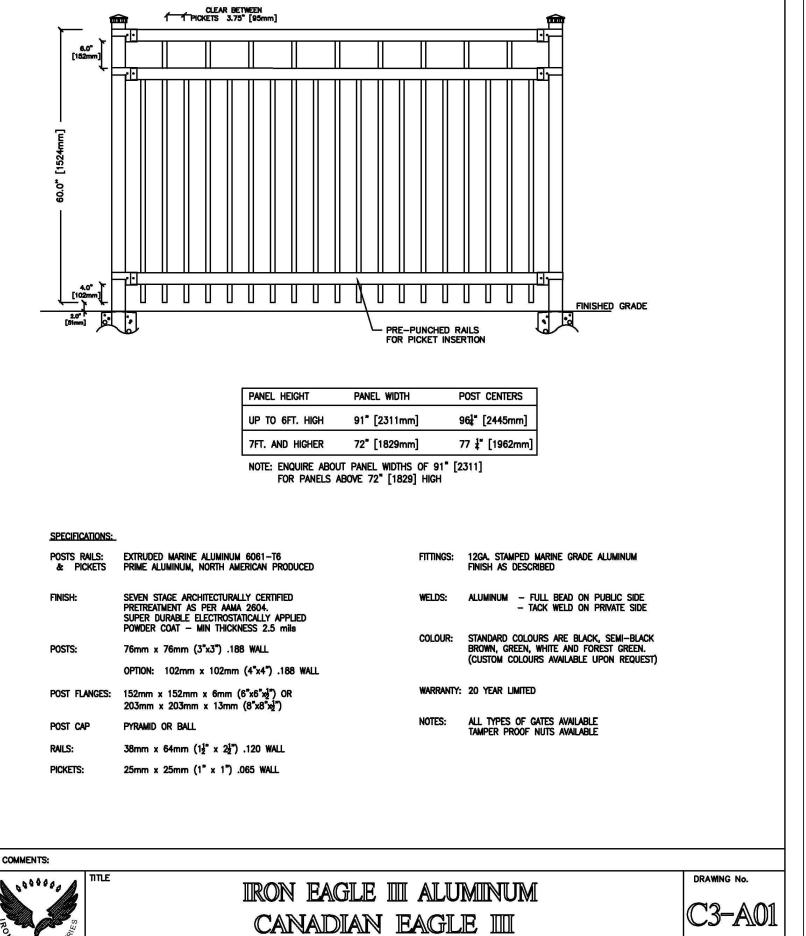
LANDSCAPING DETAILS

REVIEWED BY: SCALE DATE: DESIGNED BY: NTS September 2021 CITY FILE No. OUR FILE REF. # DRAWN BY: LP-4 33-21

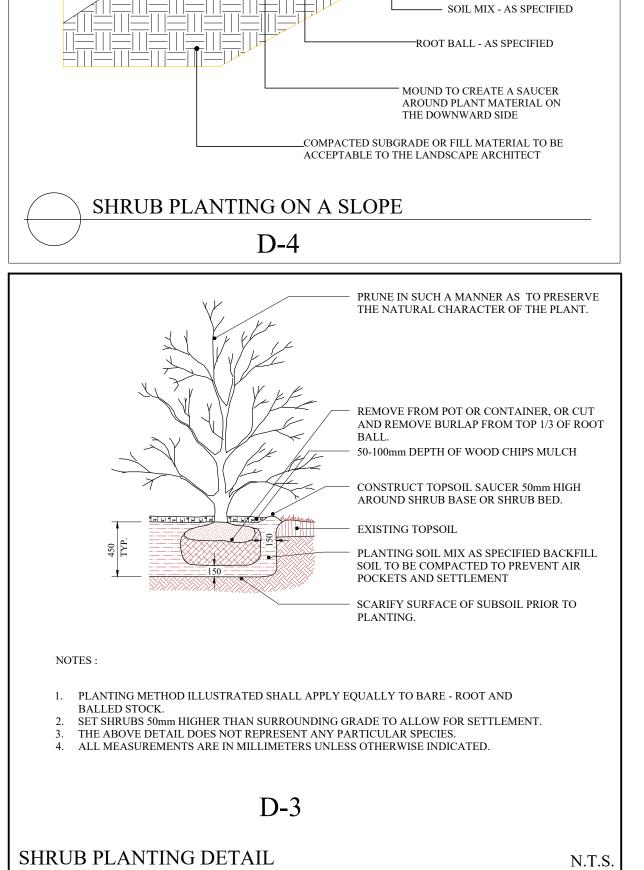








CHK'D DATE: JAN 12, 2019

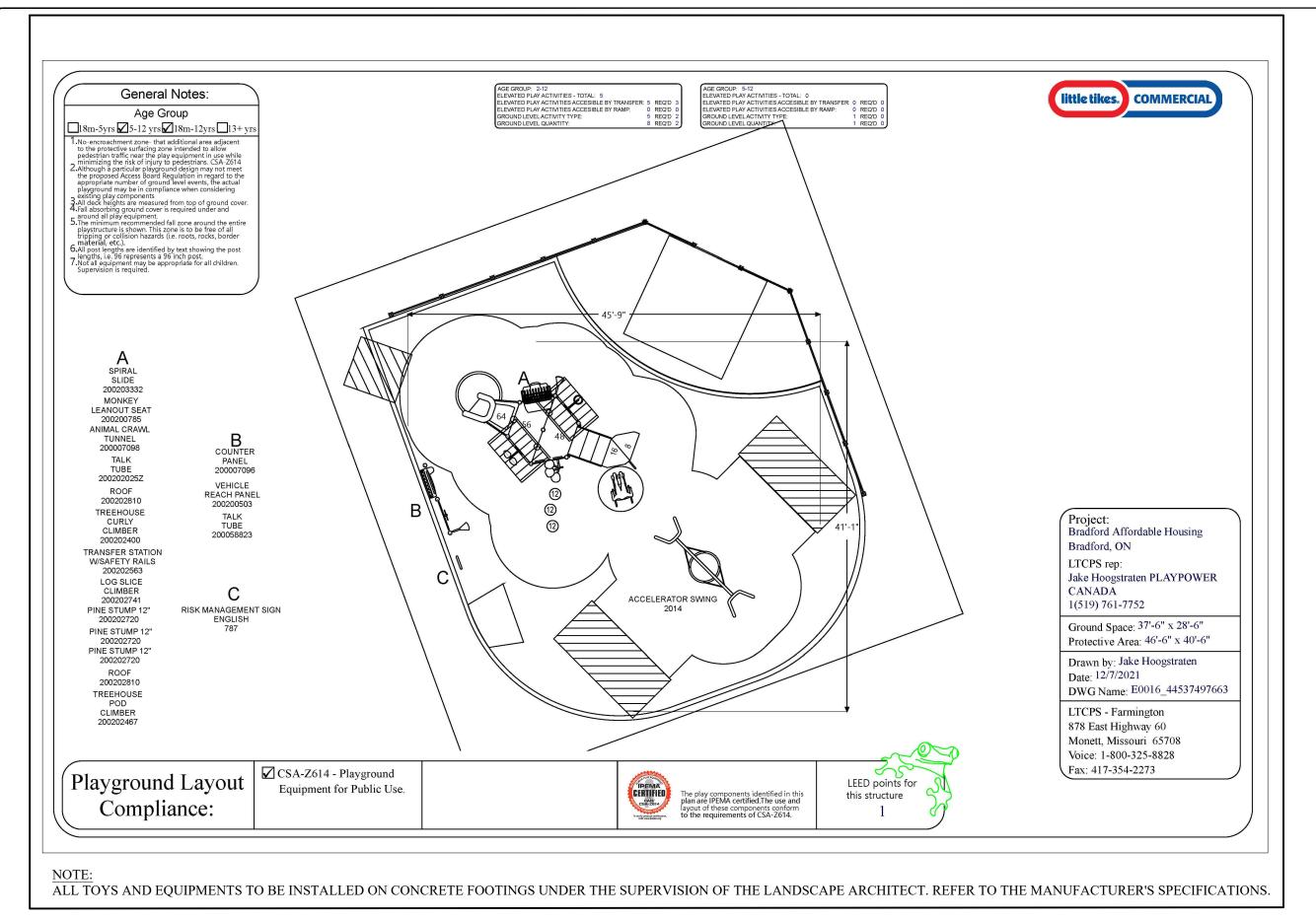


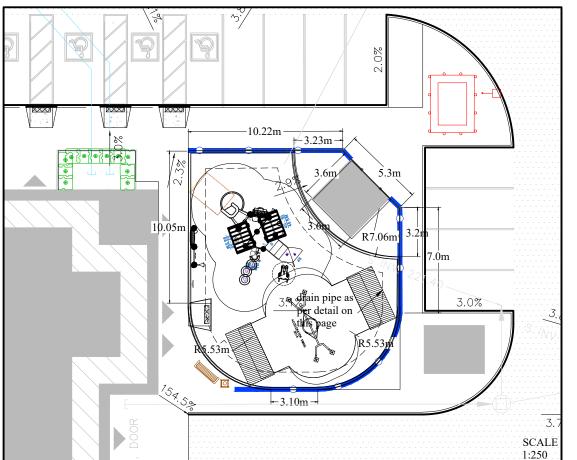
MOUND & COMPACT

AS INDICATED

MULCH - AS

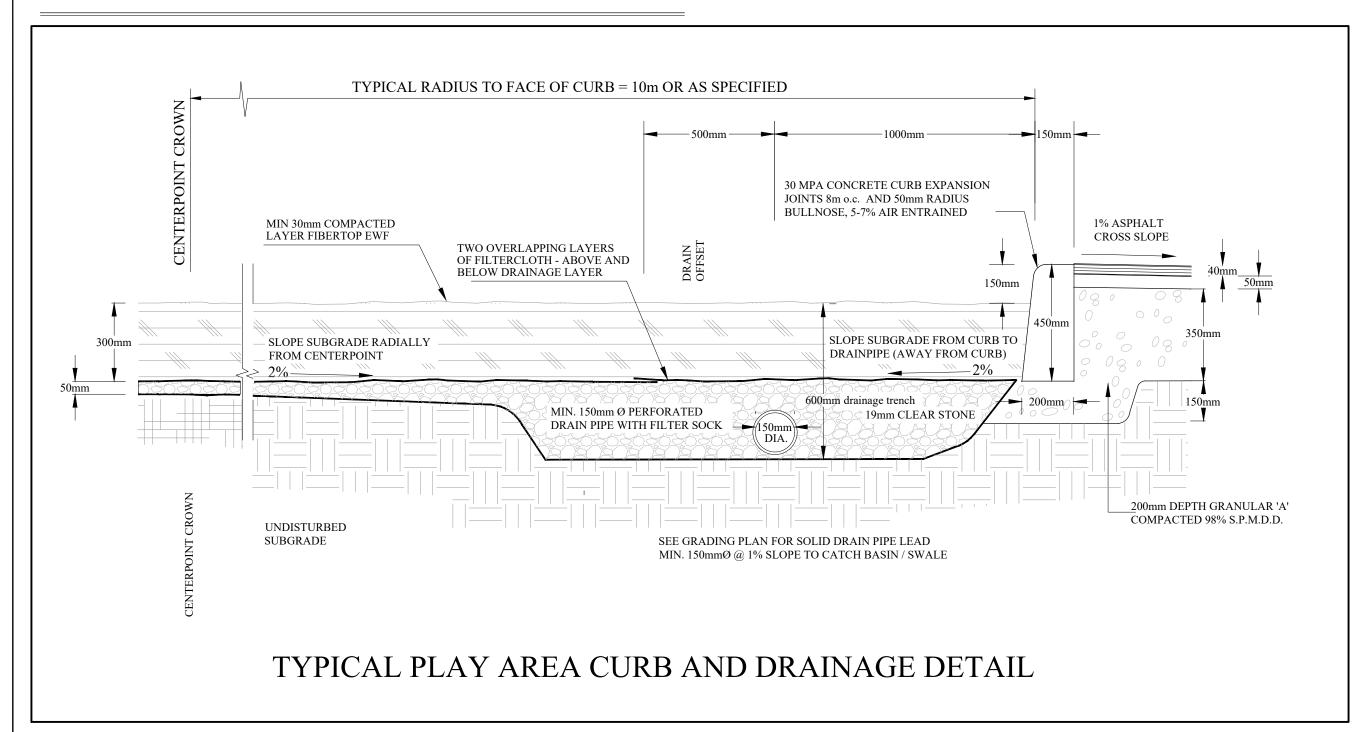
SPECIFIED

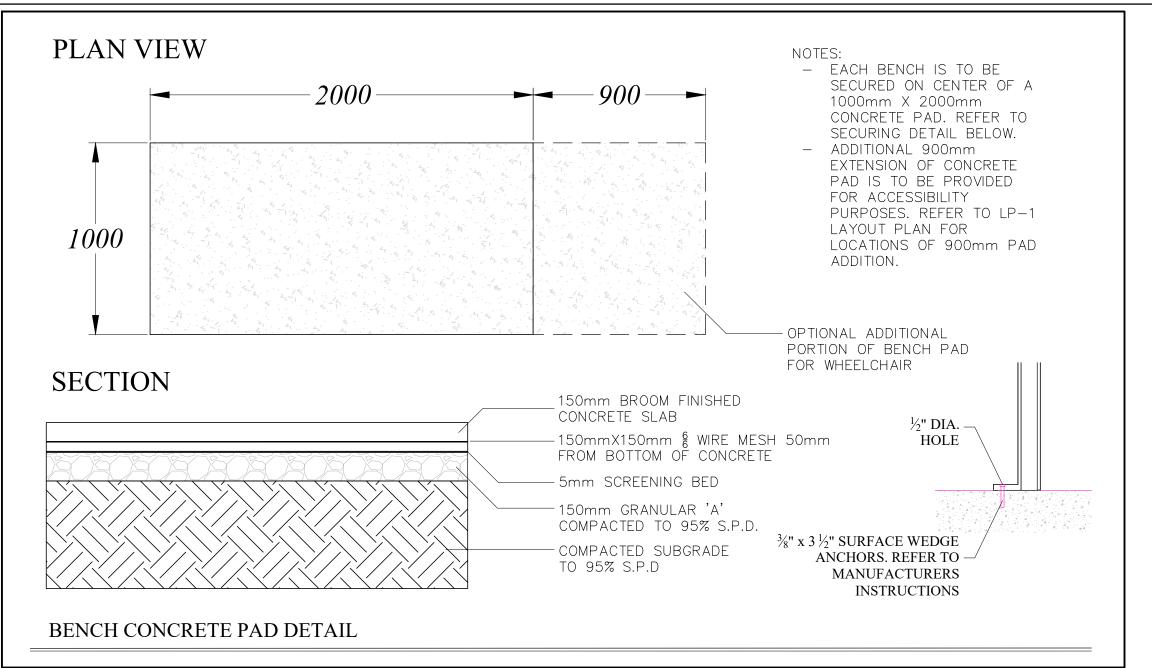






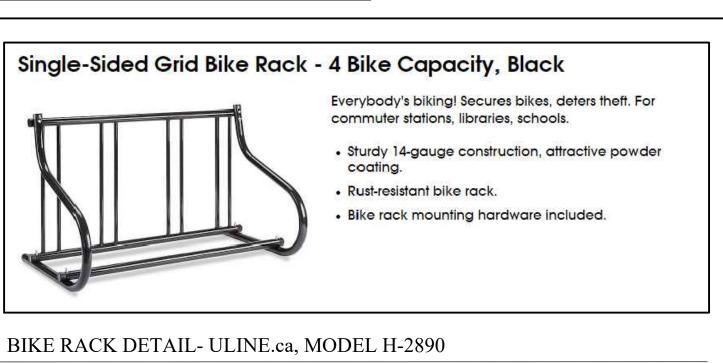
AMENITY AREA LAYOUT

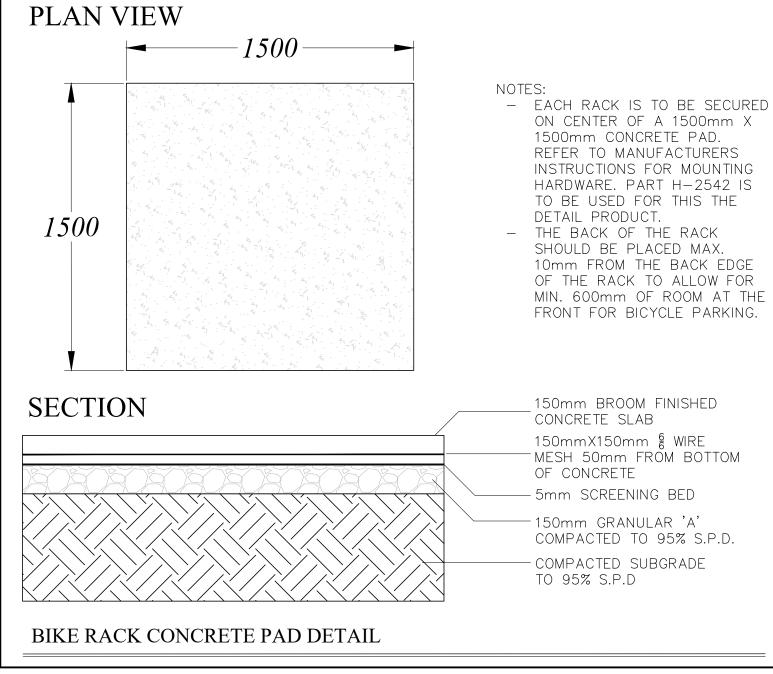


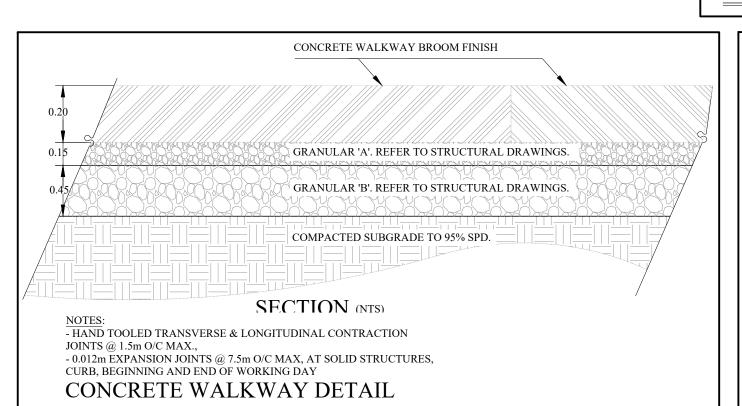




NOTE: ALL SITE FURNITURE TO BE SUPPLIED AND INSTALLED BY THE OWNER.











GENERAL NOTES

CONVENIENT TIME.

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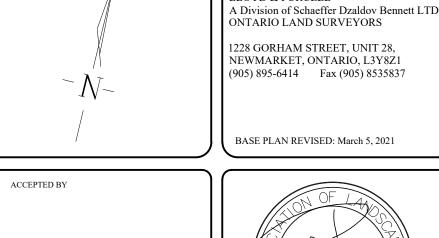
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LANDSCAPE ARCHITECTS STAMP

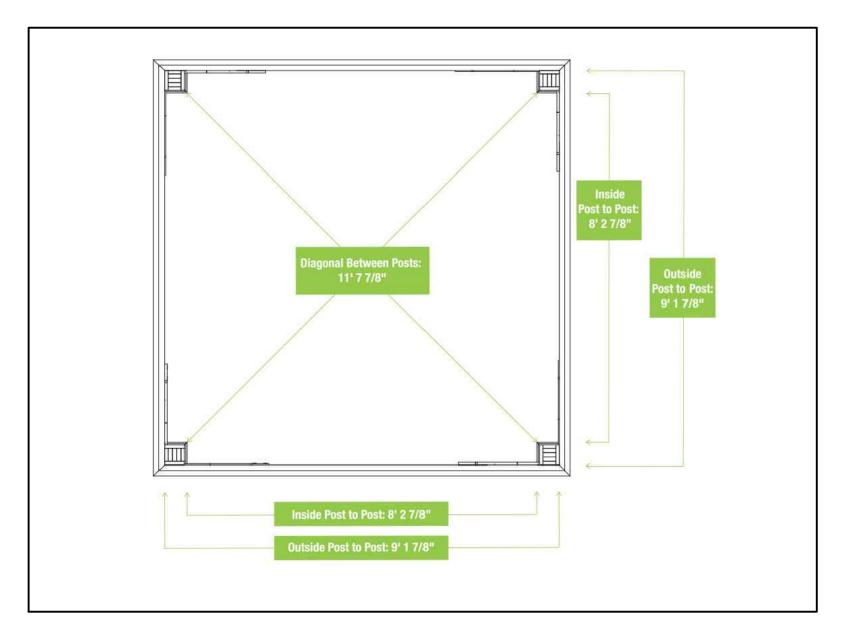


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SIMCOE COUNTY AFFORDABLE HOUSING BWG 151 SIMCOE RD, BRADFORD WEST GWILLIMBURY, ON

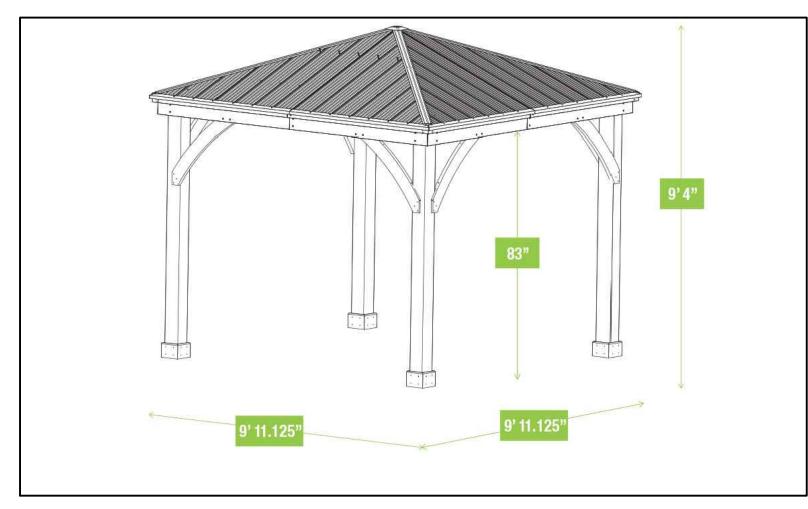
PLAYGROUND AND SITE FURNITURE DETAILS

SCALE: AS SHOWN	DATE:	DESIGNED BY: StT	REVIEWED BY: NB
CITY FILE No.	OUR FILE REF. # 33-21	DRAWN BY: StT	LP-5





- Trex Select 1"x6" Composite Deck board siding on the north and east sides to be installed using 2x2 framing in corners and vertical board in center
 Snow stops on roof to be installed as shown.



Features:

Built using 100% Cedar Lumber Aluminum roof provides shade and protection from the elements Finished in a natural cedar stain and neutral coffee brown roof Base Dimensions: 9' 2" L x 9' 2" W

Overall Dimensions: 9' 11" L x 9' 11" W x 9' 4" H.



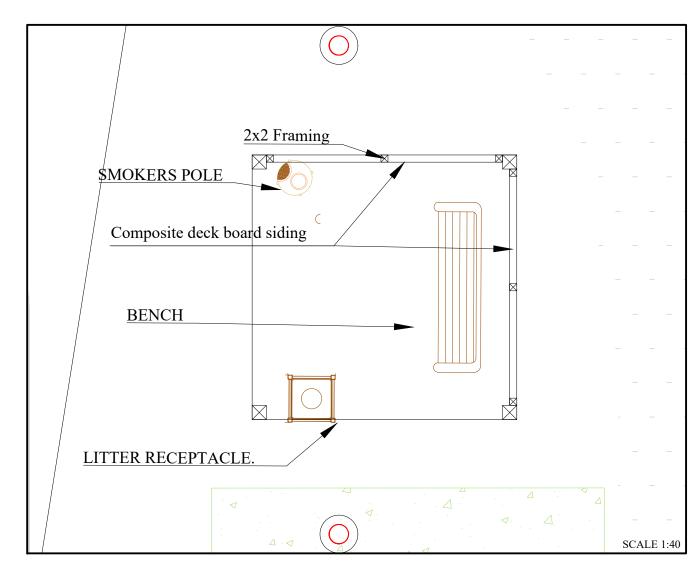
SMOKERS POLE ASHTRAY BY ULINE OR SIMILAR. 3333 JAMES SNOW PKWY NORTH MILTON, ON L9T 8L1

10' x 10' Smoking shelter typ. detail

Structural drawings to be provided at the time of construction

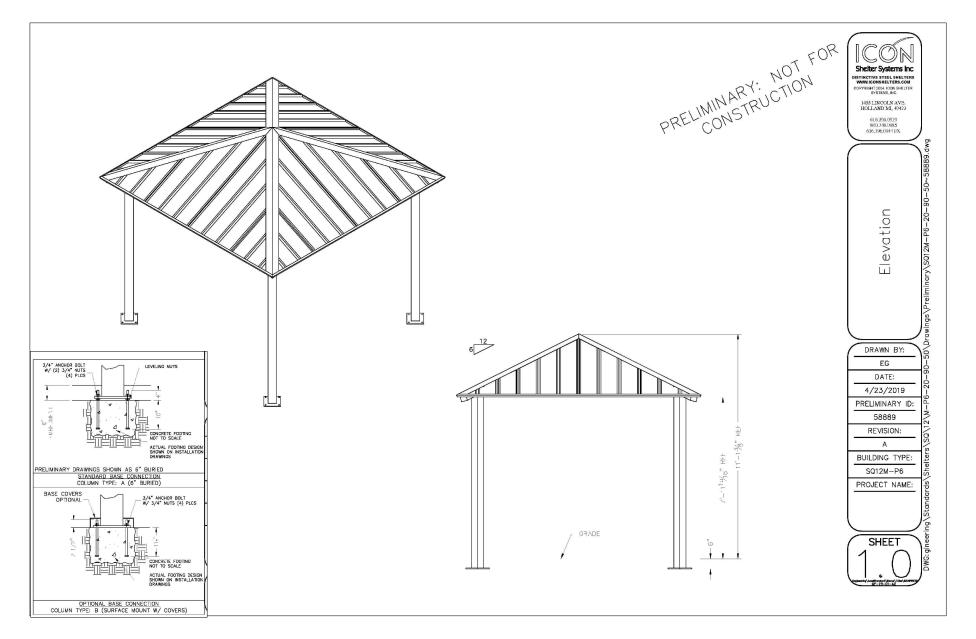
NOTE:

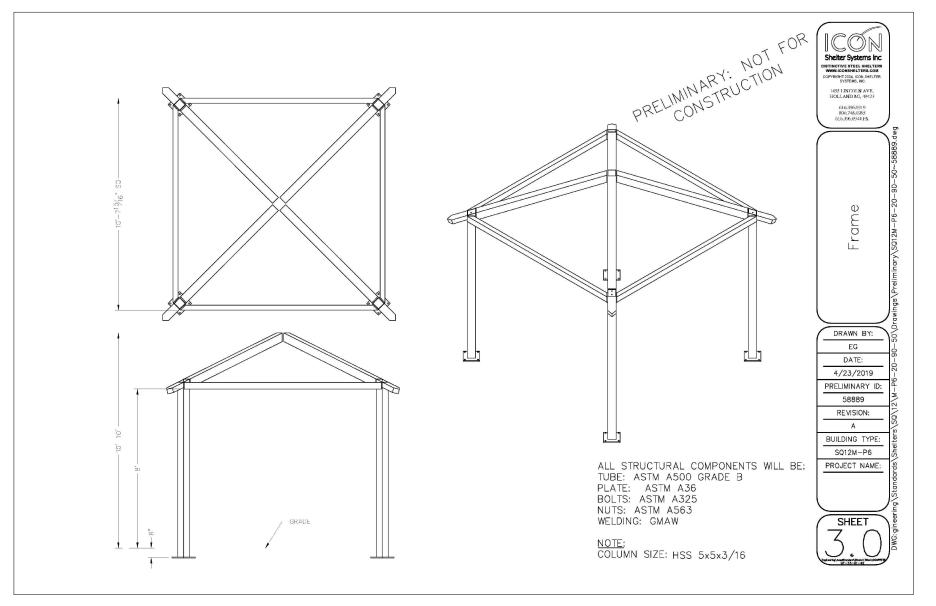
GAZEBOS AND SMOKERS POLE ARE TO BE SUPPLIED AND INSTALLED BY OWNER. CONCRETE PAD TO BE PROVIDED.



SMOKING AREA TYP. DETAIL







Icon Gazebo TYP. DETAIL

Structural drawings to be provided at the time of construction



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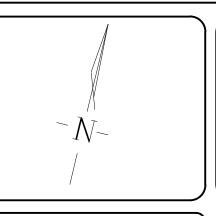
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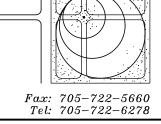
BASE PLAN REVISED: March 5, 2021



JDB associates LTD.

Urban Designers Landscape Architects Arborists

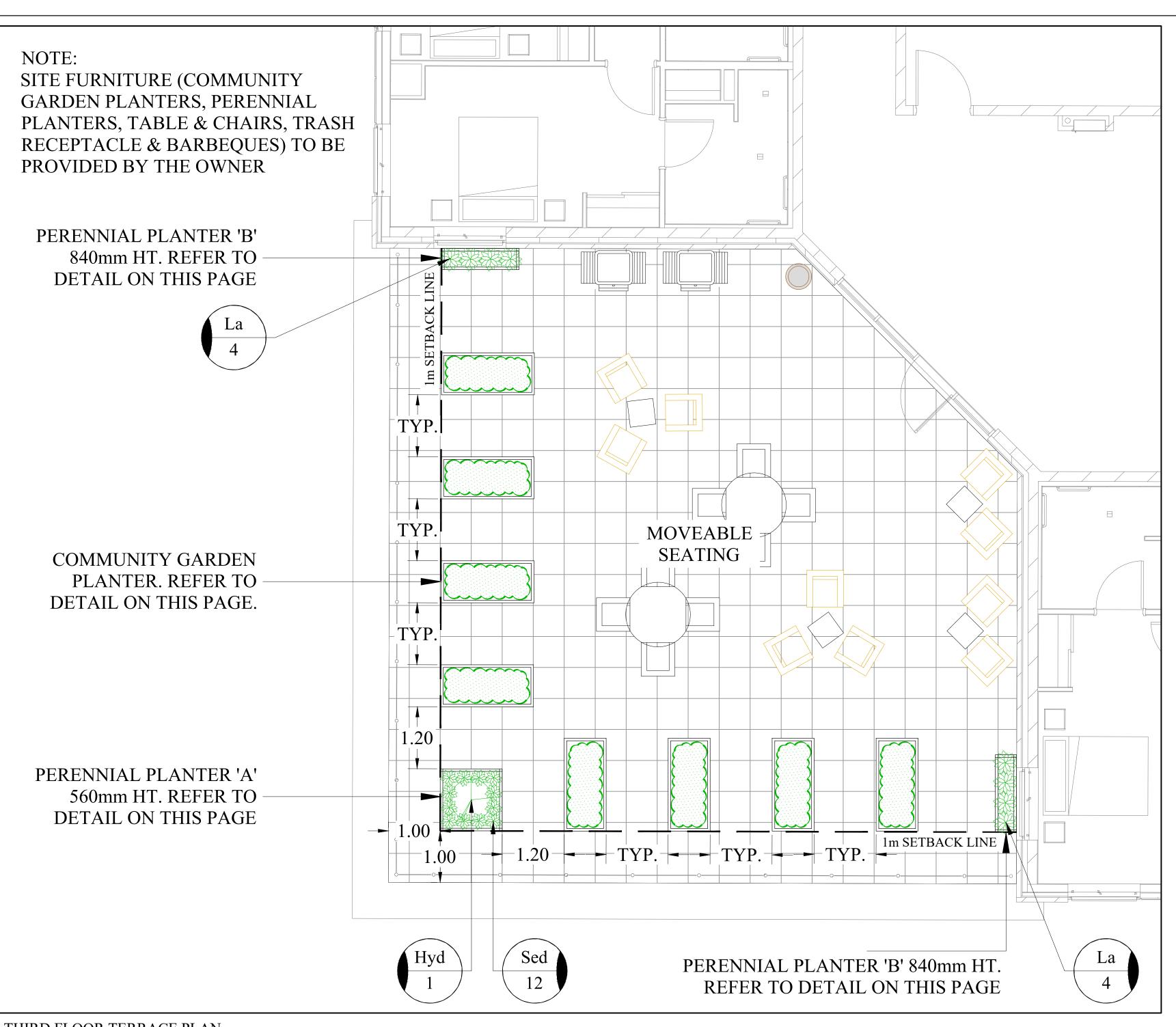
274 Burton Ave., Suite 1201 Barrie, Ontario L4N 5W4



SIMCOE COUNTY AFFORDABLE HOUSING BWG 151 SIMCOE RD, BRADFORD WEST GWILLIMBURY, ON

GAZEBO AND SMOKING SHELTER DETAILS

SCALE: AS SHOWN	DATE:	DESIGNED BY: StT	REVIEWED BY: NB
CITY FILE No.	OUR FILE REF. #	DRAWN BY:	LP-6



THIRD FLOOR TERRACE PLAN SCALE 1:50

CODE QNTY	COMMON NAME	BOTANICAL NAME	SIZE	FORM	SPACING	DETAIL NOTES
DECIDUC	OUS SHRUBS					
Hyd 1	TWIST & SHOUT HYDRANGEA	Hydrangea macrophylla Twist & Shout	3 gal	pot	As shown	Full form / Container grown
PERENNI	ALS					
La 8	HIDCOTE BLUE ENGLISH LAVENDER	Lavandula angustifolia 'Hidcote Blue'	1 gal	pot	0.45 m o/c	Full form / Container grown
Sed 12	BIRTHDAY PARTY STONECROP	Sedum x 'Birthday Party'	2 gal	pot	0.30 m o/c	Full form / Container grown

PERENNIAL PLANTINGS



DETAIL ON THIS PAGE

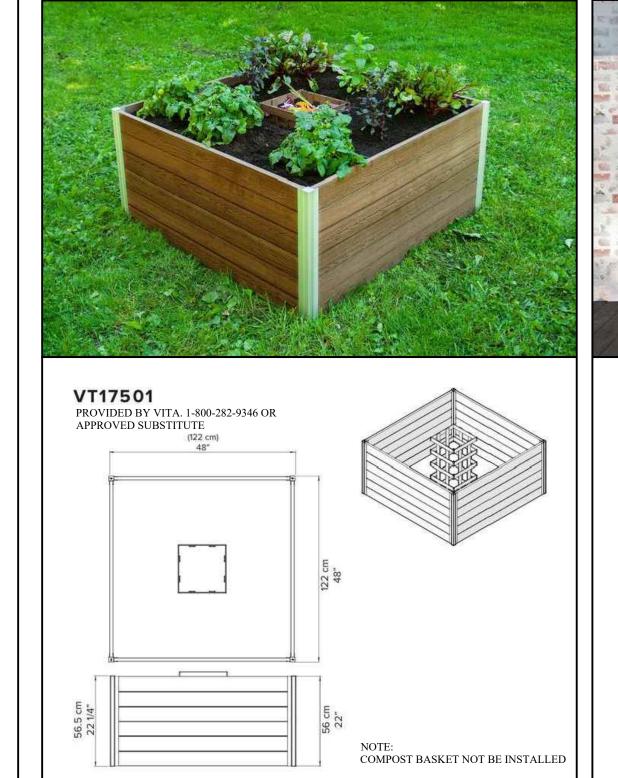
PERENNIAL PLANTERS. REFER TO DETAILS ON THIS PAGE

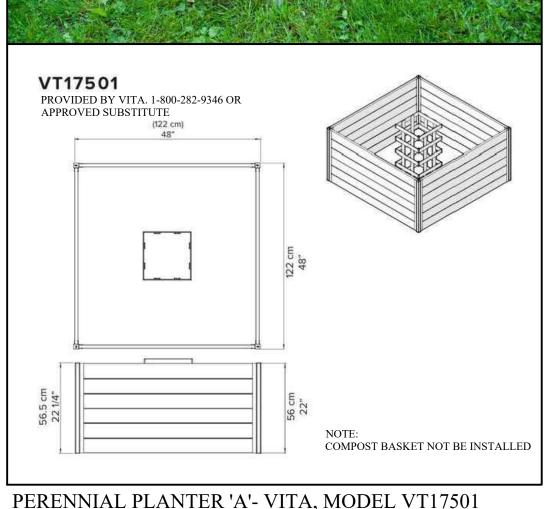
DETAIL ON THIS PAGE

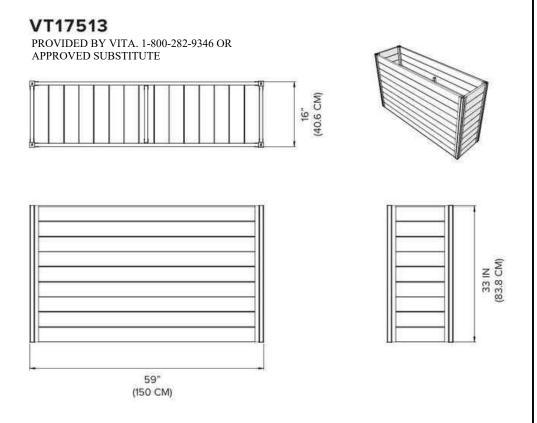
GARDEN PLANTERS. REFER TO TRASH RECEPTACLE. REFER TO LEGEND











PERENNIAL PLANTER 'B'- VITA, MODEL VT17513

REFER TO THE DETAIL ON THIS PAGE. NOTE: ITEMS SPECIFIED ARE TO BE SUPPLIED BY ZINCO CANADA AND INSTALLED AS PER

SPECIFICATIONS OR APPROVED

THROUGH FOR PLANTER DRAINAGE.

THROUGH THE TILE IN A 50X50mm GRID

HOLES TO BE DRILLED ENTIRELY

REFER TO EXAMPLE GRAPHIC.

AMENITY PAVING TILES DETAIL

PATTERN

ZINCO FLORADRAIN FD 40-E, INFILLED WITH CRUSHED AGGREGATE, WITH FILTER SHEET SF ON TOP TO BE LAID

INSIDE OF PERENNIAL PLANTERS

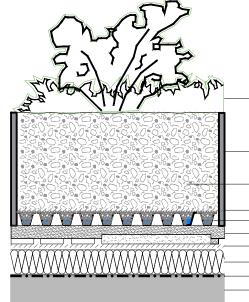
BEFORE ADDING SOIL.

EQUAL. ZINCO CANADA: 905-690-1661

MANUFACTURERS

- Plant material: Perennials Perennial planter. refer to detail above Growing medium ZinCo Blend-I
- Filter sheet ZinCo SF Drain and water storage element ZinCo Floradrain
- infill with crushed aggregate. Rubber paving tile with holes. Refer to detail on
- XPS rigid insulation 9 Root barrier Zinco WSF 40

10 Roof construction with waterproofing membrane



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KEY MAP

o. REVISION

SUBMISSION FOR SPA

REVISED AS PER UPDATED ROOF PLAN

REVISED AS PER TOWN AND LSRCA COMMENTS

GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR ALL LOCATES INCLUDING ALL

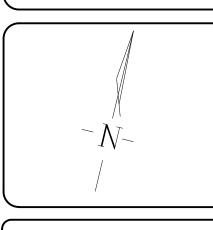
UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION OR INSTALLATIONS. THE CONTRACTOR IS REQUIRED TO NOTIFY THE VARIOUS UTILITY

PLAN AND/OR PRESERVATION PLAN SUCH AS TENDER DOCUMENTS AND CHANGE NOTICES ARE TO BE ENDORSED BY JDB ASSOCIATES LIMITED PRIOR TO THE BEGINNING OF ANY SITE WORKS. IN THE EVENT THAT OF A

IT IS THE RESPONSIBILITY OF THE PERSON OR PERSONS RESPONSIBLE FOR THE CONSTRUCTED WORKS TO NOTIFY THE LANDSCAPE ARCHITECT WHEN

SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY

PREPARED FOR ANY REQUIRED INSPECTIONS AND SIGN OFFS.



A Division of Schaeffer Dzaldov Bennett LTD ONTARIO LAND SURVEYORS 1228 GORHAM STREET, UNIT 28, NEWMARKET, ONTARIO, L3Y8Z1

DATE APRVI December 2, 2021 StT

December 15, 2021 StT

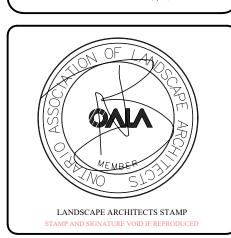
February 23, 2022 MC

April 14, 2022 StT

BASE PLAN REVISED: March 5, 2021

(905) 895-6414 Fax (905) 8535837





JDB associates LTD.

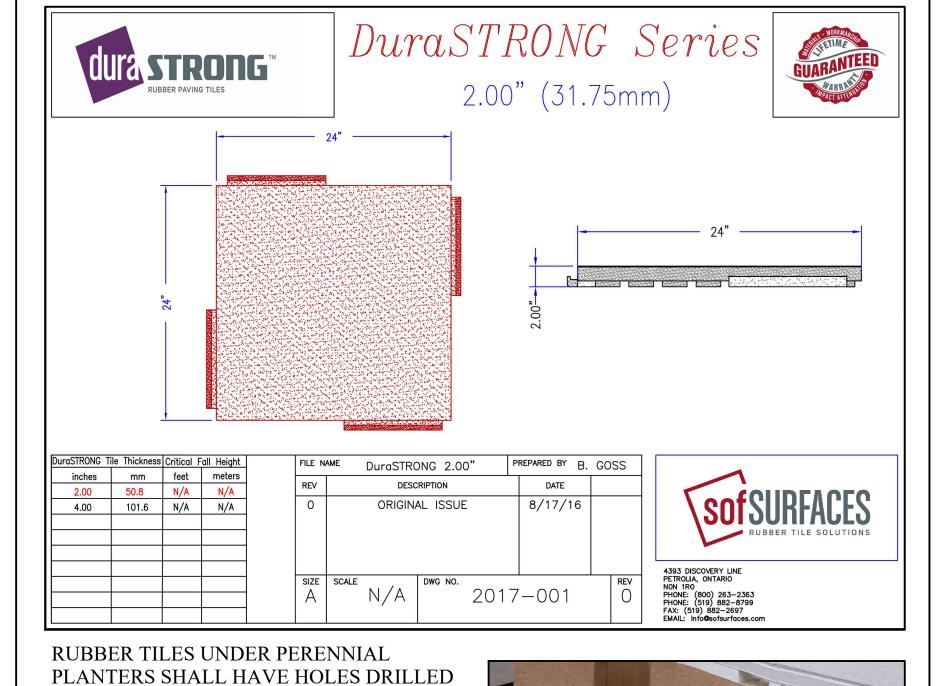
Urban Designers Landscape Architects Arborists 274 Burton Ave., Suite 1201 Barrie, Ontario L4N 5W4

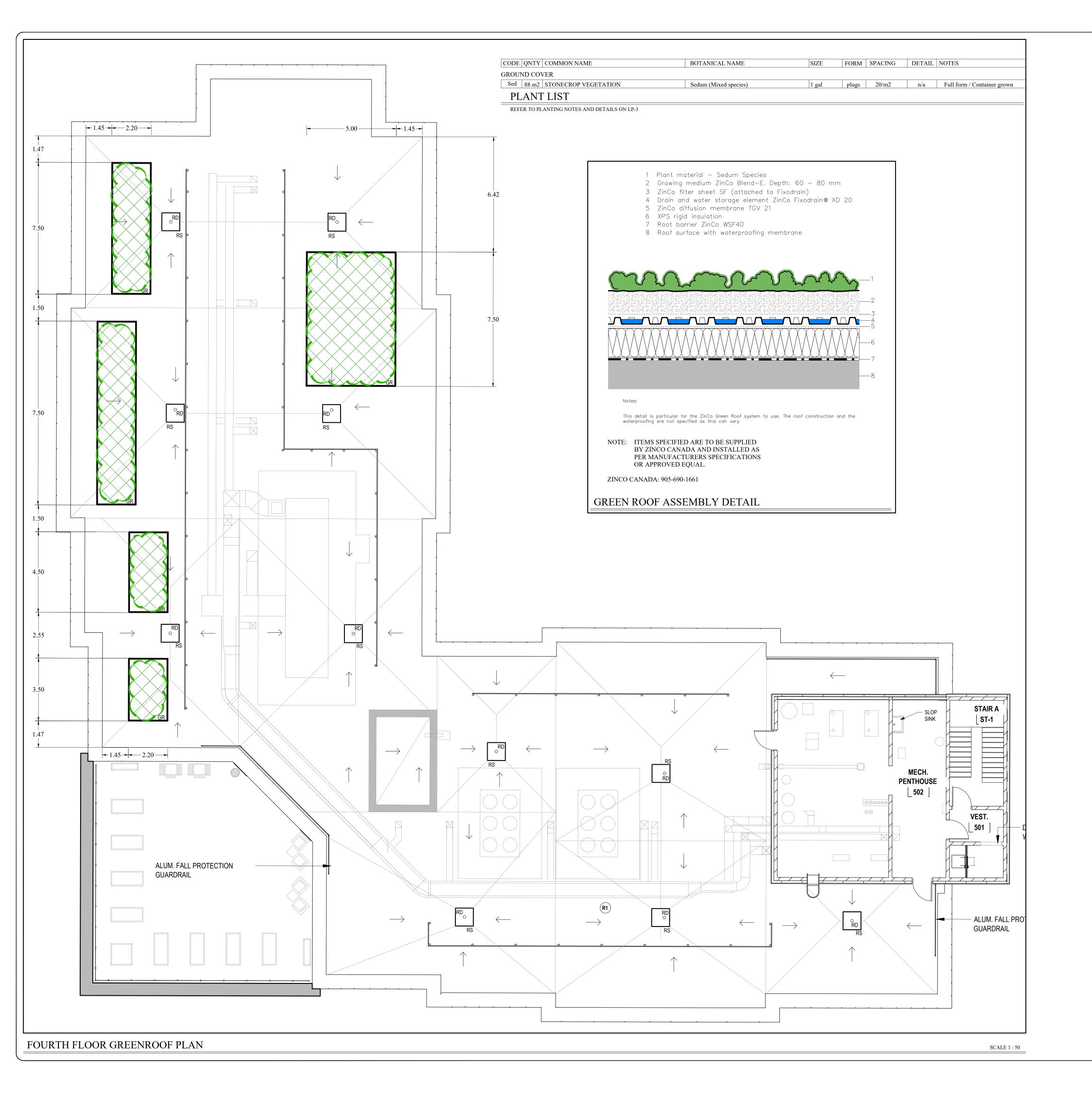
Fax: 705-722-5660 Tel: 705-722-6278

SIMCOE COUNTY AFFORDABLE HOUSING BWG 151 SIMCOE RD, BRADFORD WEST GWILLIMBURY, ON

THIRD FLOOR AMENITY ROOFTOP PLAN

SCALE:	DATE:	DESIGNED BY:	REVIEWED BY:
1:50		StT	NB
CITY FILE No.	OUR FILE REF. # 33-21	DRAWN BY: StT	LP-7







GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR ALL LOCATES INCLUDING ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION OR INSTALLATIONS. THE CONTRACTOR IS REQUIRED TO NOTIFY THE VARIOUS UTILITY COMPANIES 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.

ANY ACCOMPANYING DOCUMENTATION RELATING TO THE LANDSCAPE PLAN AND/OR PRESERVATION PLAN SUCH AS TENDER DOCUMENTS AND CHANGE NOTICES ARE TO BE ENDORSED BY JDB ASSOCIATES LIMITED PRIOR TO THE BEGINNING OF ANY SITE WORKS. IN THE EVENT THAT OF A DISCREPANCY THE DRAWING SHALL BE ASSUMED CORRECT.

IT IS THE RESPONSIBILITY OF THE PERSON OR PERSONS RESPONSIBLE FOR THE CONSTRUCTED WORKS TO NOTIFY THE LANDSCAPE ARCHITECT WHEN PREPARED FOR ANY REQUIRED INSPECTIONS AND SIGN OFFS.

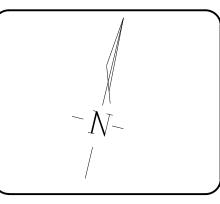
SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

No.	REVISION	DATE	APRVD.
1.	CLIENT REVIEW	December 2, 2021	StT
2.	SUBMISSION FOR SPA	December 15, 2021	StT
3.	REVISED AS PER UPDATED ROOF PLAN	February 23, 2022	MC
4.	REVISED AS PER TOWN AND LSRCA COMMENTS	April 14, 2022	StT
\neg			

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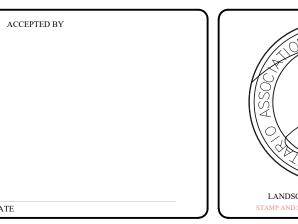
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BASE PLAN REVISED: March 5, 2021





JDB ASSOCIATES LTD.

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Arborists

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SIMCOE COUNTY AFFORDABLE HOUSING
BWG 151 SIMCOE RD,
BRADFORD WEST GWILLIMBURY, ON

FOURTH FLOOR GREENROOF PLAN

SCALE:	DATE:	DESIGNED BY:	REVIEWED BY:
1:100		StT	NB
CITY FILE No.	OUR FILE REF. # 33-21	DRAWN BY: StT	LP-8