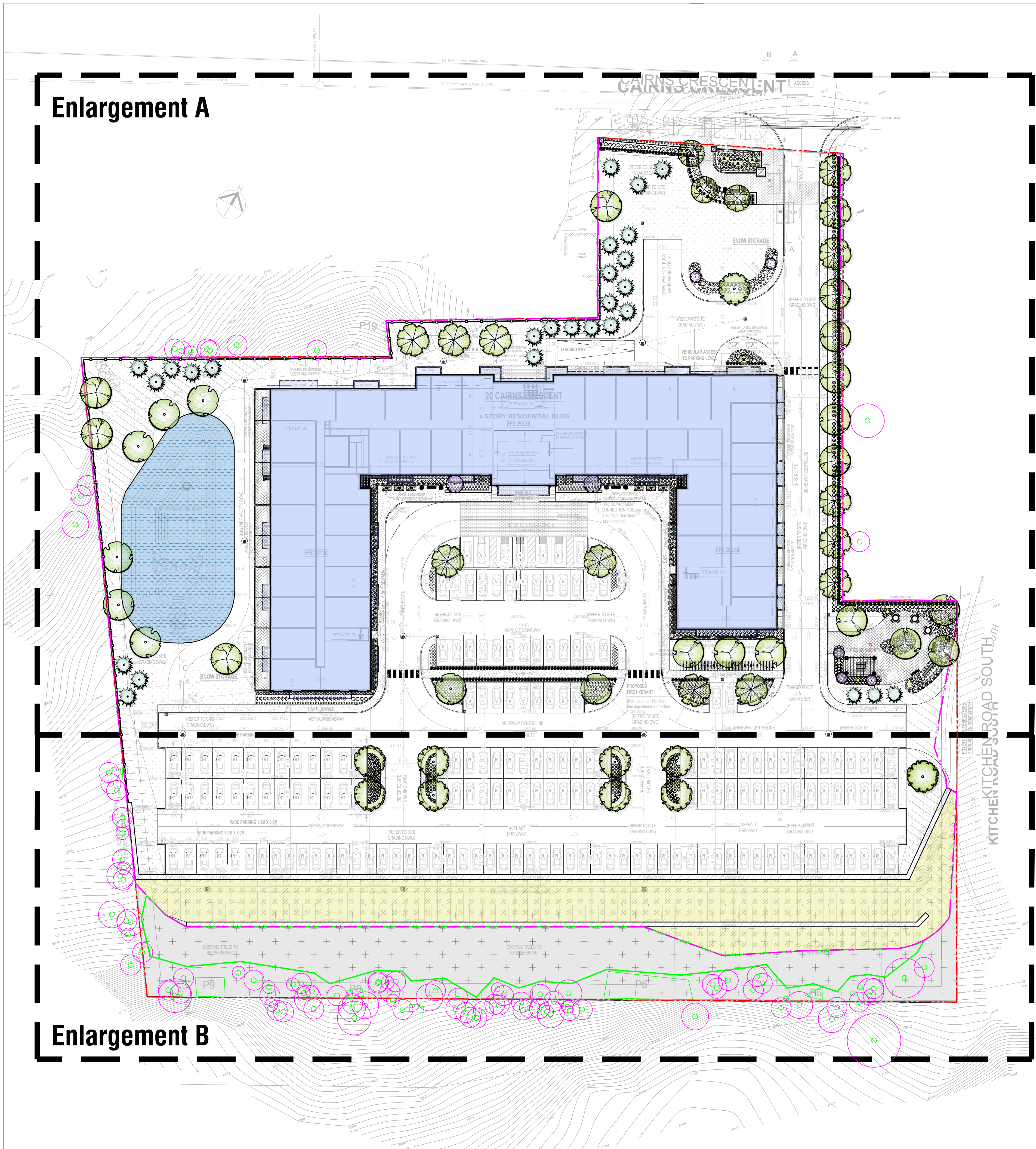


Enlargement A



Enlargement B



Native Seed Mix Information (HYDROSEED application or approved equal)

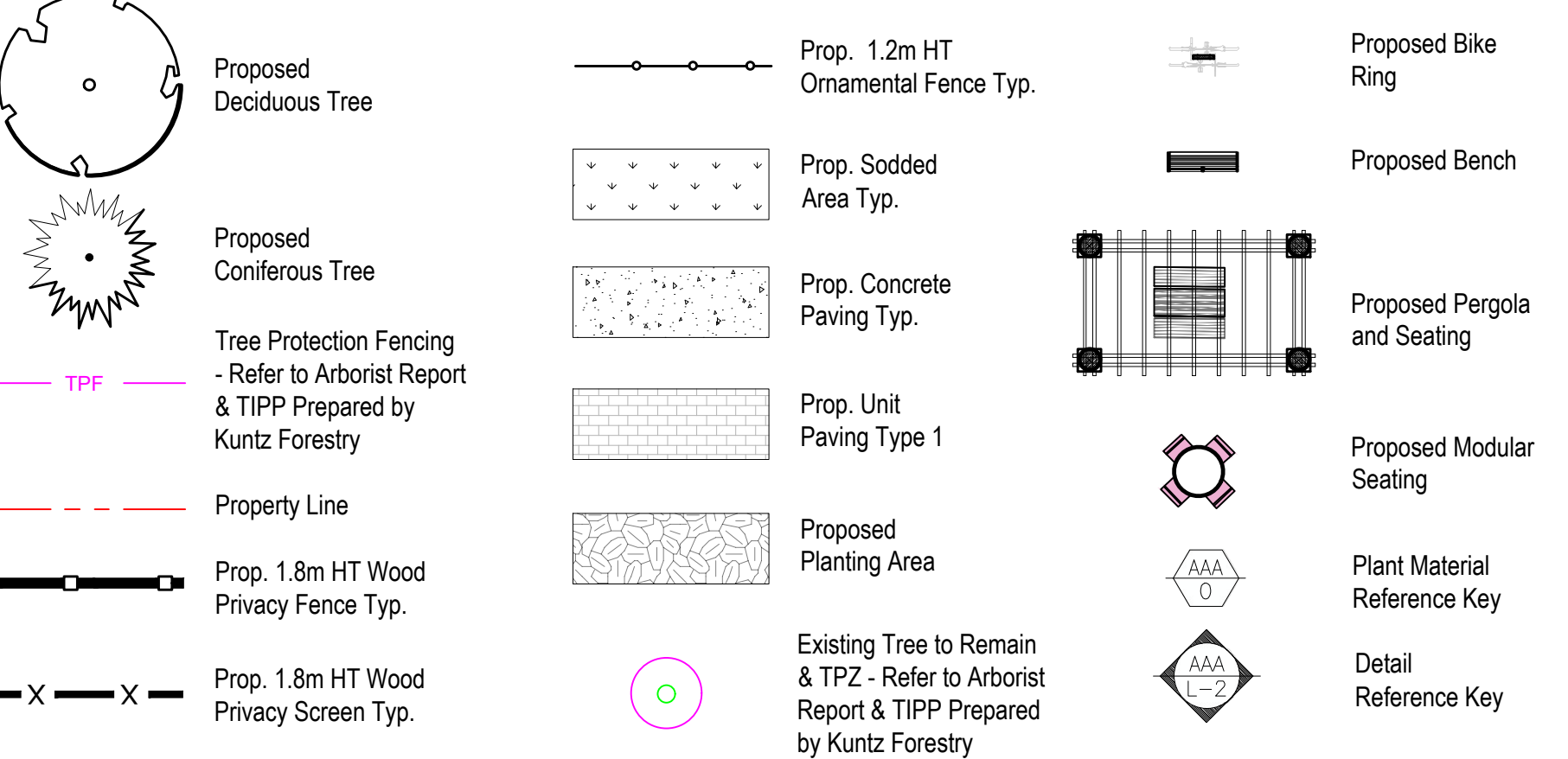
Application Rates:
• The specified seed mix(es) should be applied at a rate of 22-25 kg/ha or at a rate of 125 g/45 m² for smaller areas.

Cover Crop:
ANNUAL RYE NURSE CROP
(OSC 7115 or approved equal)
• A cover crop should be utilized with each of the seed mixes. The cover crop will act as a nurse crop, provide short term erosion control and weed control.
• The cover crop should be applied at a maximum rate of 20 kg/ha and should be mixed with the proposed seed blend for a single application.
• Mix annual rye with the proposed native seed mixes to provide quick germination and help reduce weed seed germination, stop soil from blowing away and reduce erosion damage from run-off.
NOTE: do not over apply annual rye when using it as a nurse crop.

Installations Notes:
• Ideally, sowing should take place in the fall, between Oct 15th to late November. An early spring sowing will work but not as effectively. If moisture is not present, some of the seed may go dormant and not germinate until the following spring. Whenever possible, work up the soil a little to ensure good seed-to-soil contact for improved germination. Call OSC Ltd for more information: 519-886-0557.

General Notes:
• In general, a minimum of 15 cm of topsoil should be applied to disturbed areas prior to Hydroseeding applications.
• All disturbed areas should be seeded as soon as possible following the completion of works. Erosion controls must remain in place until seeding has sufficiently stabilized the site (i.e. more than 80% cover).
• Seeding should not be executed during the drought-prone season (i.e. June through August), unless adequate irrigation can be supplied.
• Survey site for invasive species & remove. Clean away surface debris. This increases sunlight penetration to the soil surface and eases sowing. Lightly cultivate soil to accept seed and improve aeration & water retention.
• Make sure the soil and seed are in close contact by gently tamping or rolling the seedbed. Do not compact. Excessive force will destroy soil structure and inhibit germination.

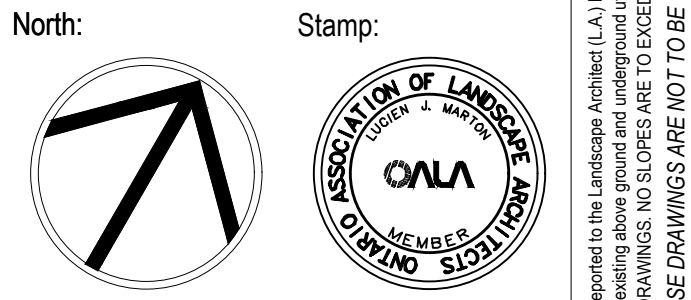
Legend



Proposed Plant Material List

KEY	QNTY	BOTANICAL NAME	COMMON NAME	HT/CAL	SPREAD	ROOT	BRIGHT TOLERANT	NATIVE	REMARKS
DECIDUOUS TREES									
JEH	13	Acer x freemanii 'Jeffersred'	Jeffersred Freeman Maple	70 mm		B.A.B.	High	Yes	Full Form
CEH	10	Calla occidentalis	Hackberry	70 mm		B.A.B.	High	Yes	Full Form
GSS	10	Gleditsia triacanthos 'Shademaster'	Shademaster Honey-Locust	70 mm		B.A.B.	High	Yes	Full Form
TAM	8	Tilia americana	Basswood Linden	70 mm		B.A.B.	High	Yes	Full Form
ORB	6	Quercus rubra	Red Oak	70 mm		B.A.B.	High	Yes	Full Form
CONIFEROUS TREES									
PIL	11	Picea glauca	White Spruce	200 cm		B.A.B.	High	Yes	Full Form
PSB	16	Pinus strobus	White Pine	200 cm		B.A.B.	High	Yes	Full Form
SPECIMEN									
ACB	4	Amelanchier canadensis 'Ballerina'	Ballerina Serviceberry	200 cm		B.A.B.	High	Yes	Multi Stem
CAL	6	Cornus alternifolia	Pagoda Dogwood	120 cm		B.A.B.	High	Yes	Full Form
DECIDUOUS SHRUBS									
CNK	177	Cornus sericea 'Vasey'	Kelsey Red Osier Dogwood	60 cm		C.G.	High	Yes	Full Form
SIL	363	Spirea japonica 'Little Princess'	Dwarf Red Spirea	60 cm		C.G.	High	Yes	Full Form
PFG	338	Potentilla frut. Goldfinger	Goldfinger	60 cm		C.G.	High	Yes	Full Form
POD	44	Physocarpus opulifolius 'Dor's Gold'	Dor's Gold Ninebark	60 cm		C.G.	High	Yes	Dwarf
SRL	257	Spirea bumalda 'Gold Mound'	Gold Mound Spirea	60 cm		C.G.	High	Yes	Full Form
CONIFEROUS SHRUBS									
FOF	137	Taxus canadensis 'Fairview'	Fairview Yew	65 cm		C.G.	High	Yes	Full Form
PERENNIALS									
GER	228	Geranium maculatum	Wild Geranium			2 Gal.	No	Yes	White Flowers
HSD	356	Heemerocallis 'Stella D'Oro'	Stella D'Oro (Yellow) Daylilies			2 Gal.	Yes	No	Full Form
PAT	134	Perovskia atriplicifolia	Russian Sage			2 Gal.	High	Yes	Full Form (PP0Y Winner)
SAM	194	Salvia x sylvestris 'May Night'	May Night Salvia			2 Gal.	Yes	No	Full Form
GRASSES									
CAC	173	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass			5 Gal.	High	Yes	Full Form (PP0Y Winner)

09	Issued for Submission	08/14/25
08	Issued for Coordination	08/08/25
07	Issued for Coordination	07/22/25
06	Issued for Submission	09/09/24
05	Issued for Coordination	07/29/24
04	Issued for Re-Submission	02/23/24
03	Issued for Submission	09/08/23
02	Issued for Coordination	06/26/23
01	Issued for Coordination	06/09/23
No.	Revision	Date



Project:
Residential Apartment
20 Cairns Crescent, Huntsville,
Ontario

Scale: **1:400** Date: **MAR 2023**

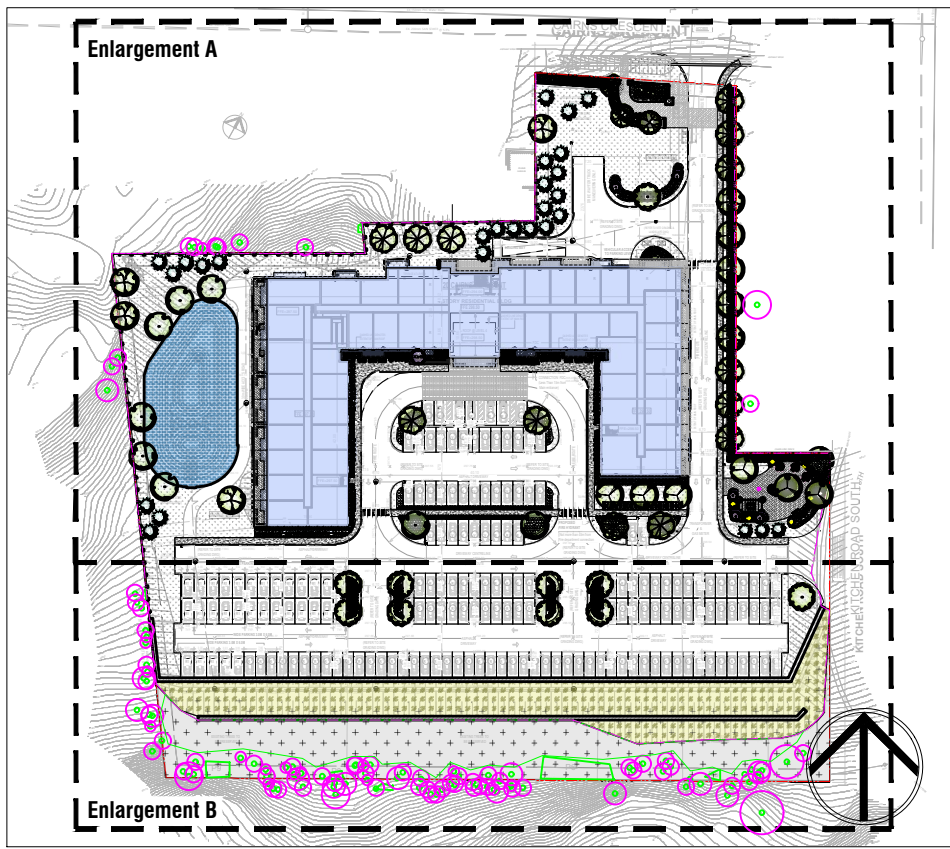
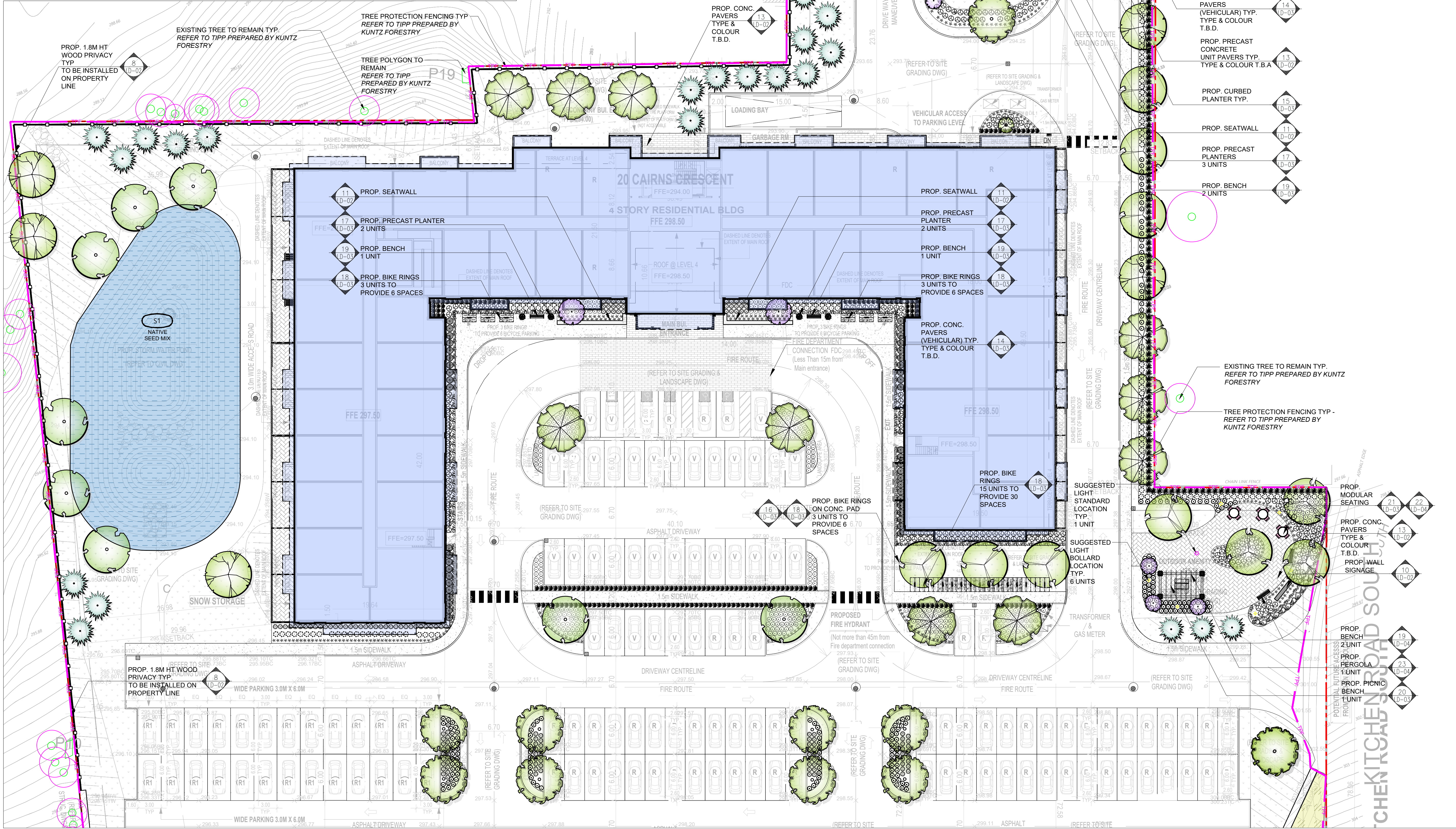
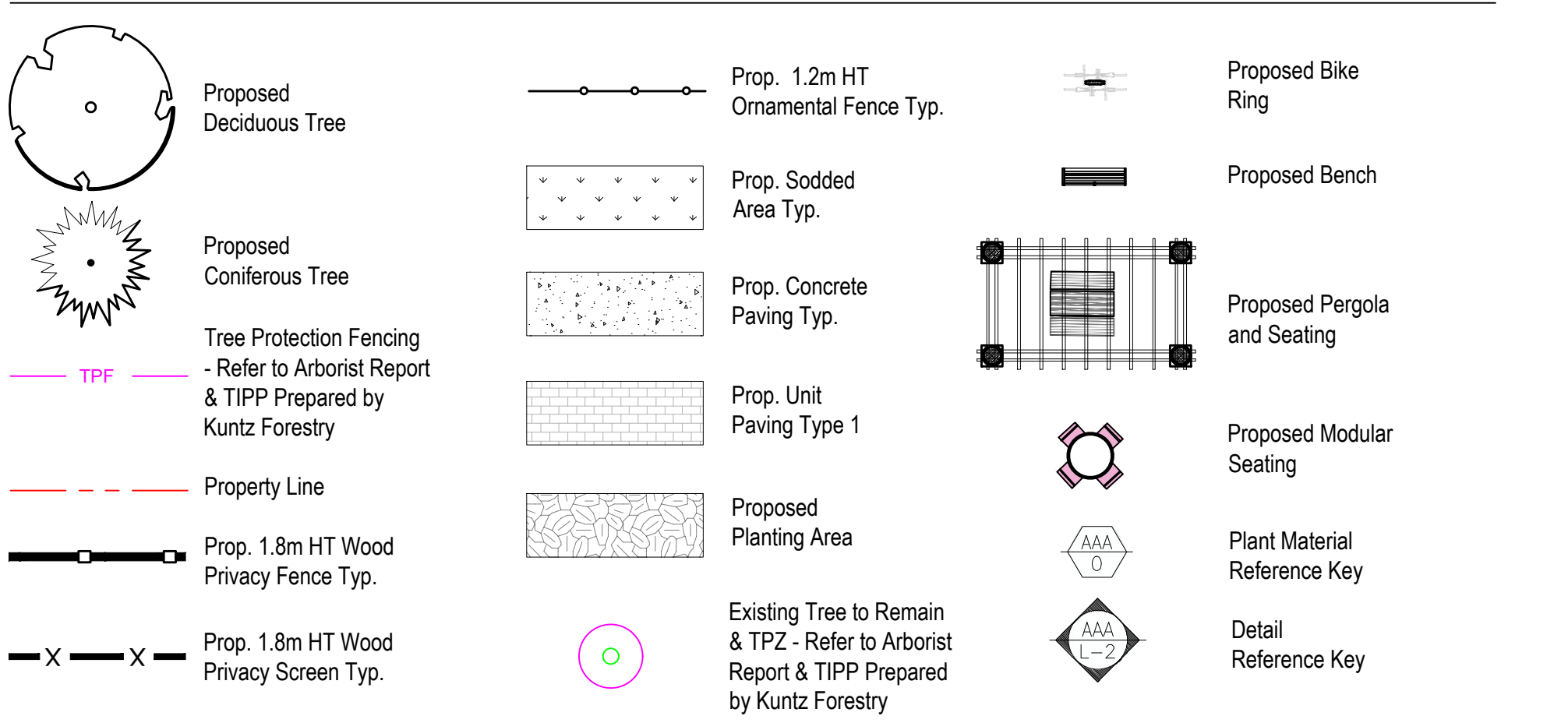
Drawn By: **A.L.** Checked By: **L.M.**

Drawing Title:
Landscape Master Plan

Project No. **23116** Sheet No. **L1-01**

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Legend



Context Map

Architect:



Client/Owner:



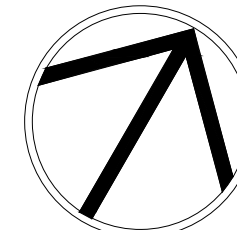
Municipality:



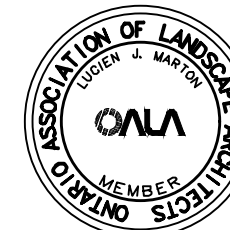
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03	Issued for Submission	09/08/23
02	Issued for Coordination	06/26/23
01	Issued for Coordination	06/09/23
No.	Revision	Date

North:



Stamp:



Project:

Residential Apartment
20 Cairns Crescent, Huntsville,
Ontario

Scale: 1:250 Date: MAR 2023

Drawn By: A.L. Checked By: L.M.

Drawing Title:

**Landscape
Enlargement A**

Project No.

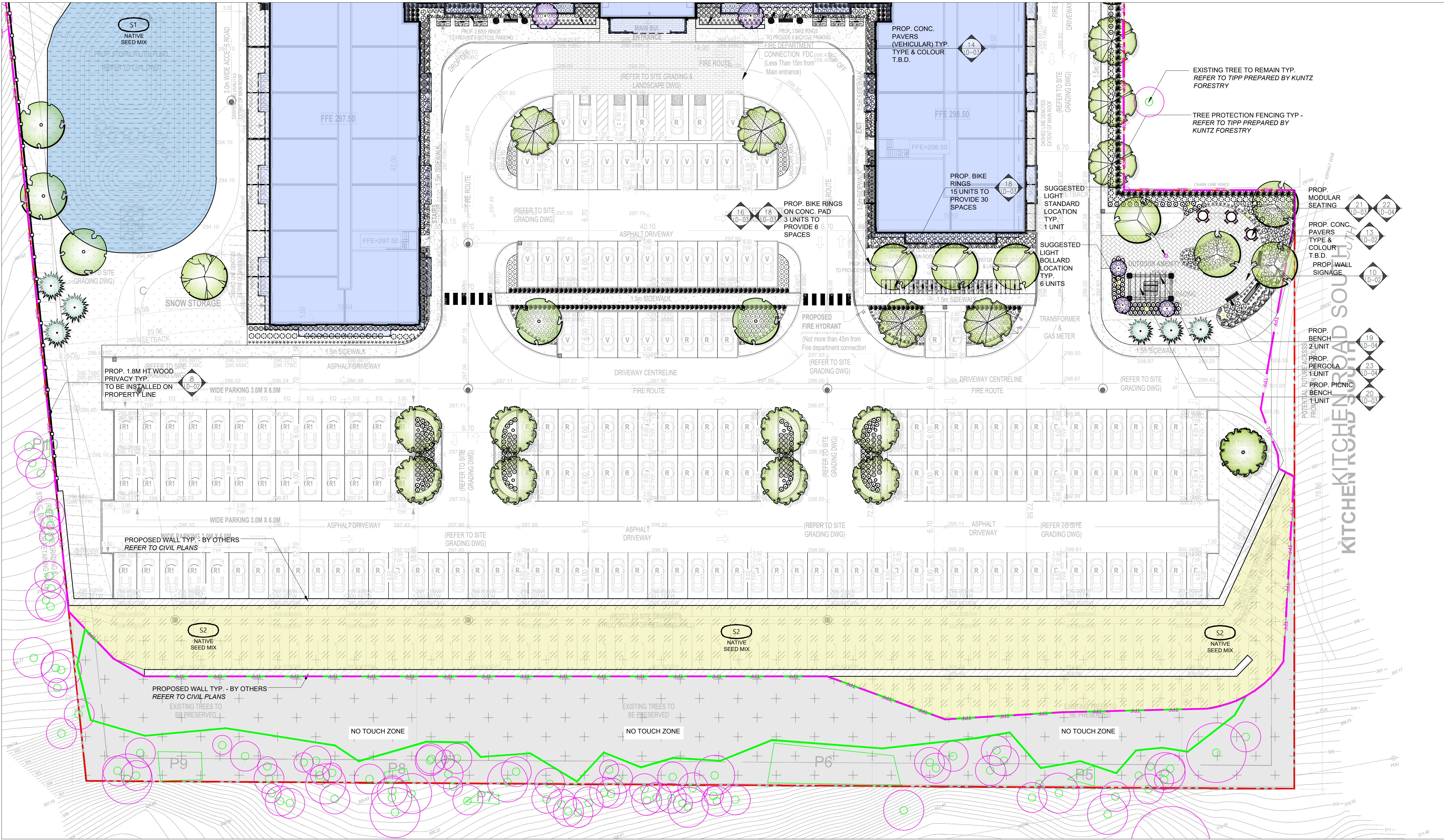
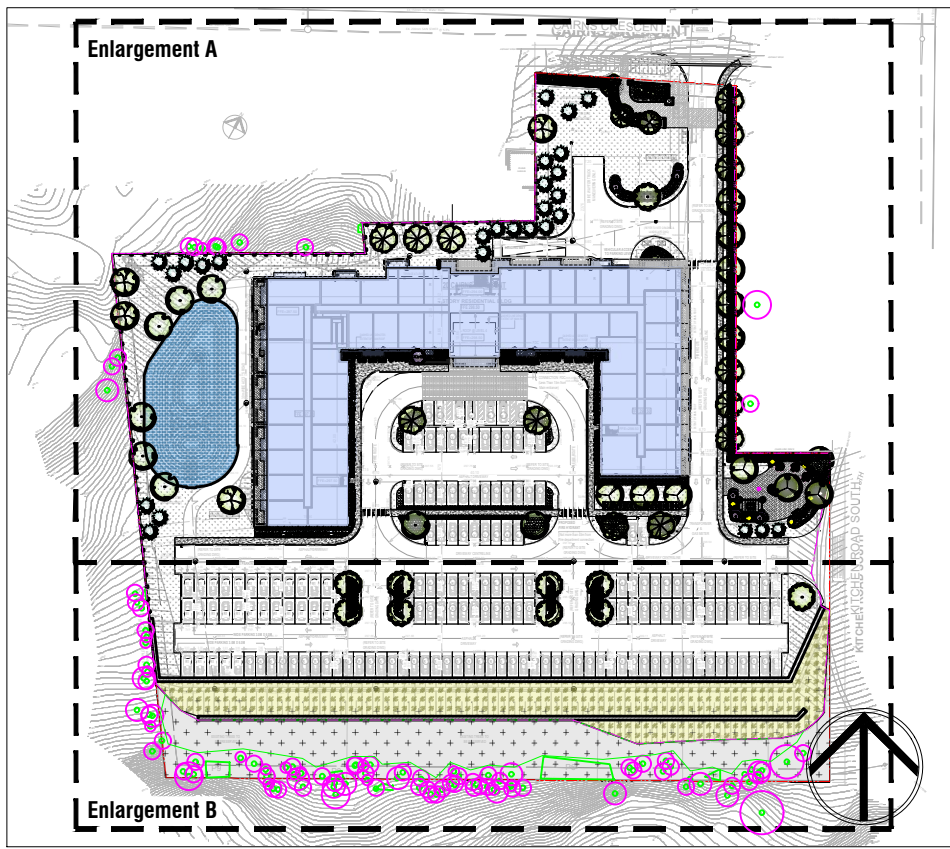
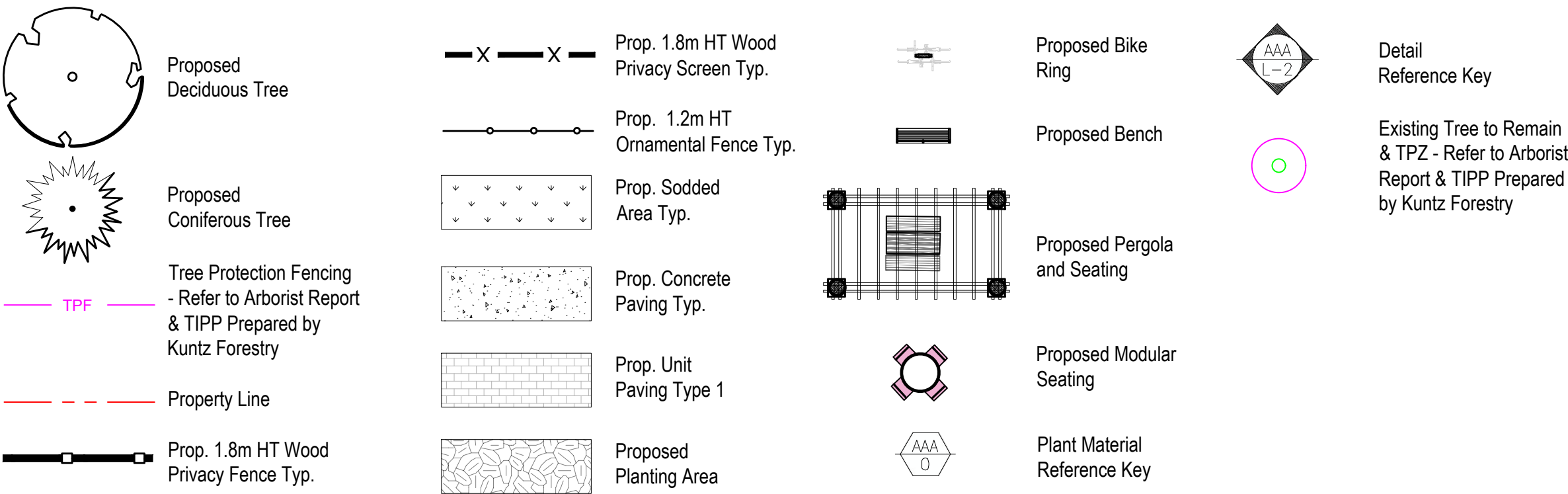
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Sheet No.

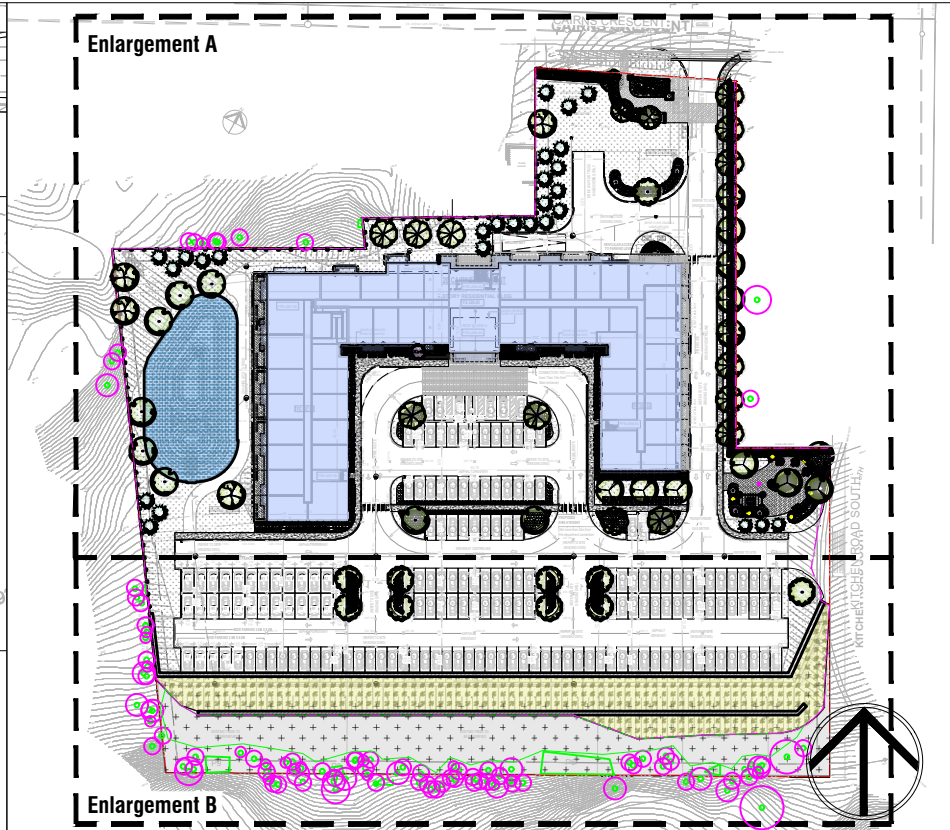
L1-02

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Legend



	Proposed Deciduous Tree		Prop. 1.8m HT Wood Privacy Screen Typ.		Proposed Bike Ring		Detail Reference Key
	Proposed Coniferous Tree		Prop. 1.2m HT Ornamental Fence Typ.		Proposed Bench		Existing Tree to Remain & TPZ - Refer to Arborist Report & TIPP Prepared by Kuntz Forestry
	Tree Protection Fencing - Refer to Arborist Report & TIPP Prepared by Kuntz Forestry		Prop. Sodded Area Typ.		Proposed Pergola and Seating		
	Property Line		Prop. Concrete Paving Typ.		Proposed Modular Seating		
	Prop. 1.8m HT Wood Privacy Fence Typ.		Prop. Unit Paving Type 1		Plant Material Reference Key		
			Proposed Planting Area				



Architect:

Options
Architects

Client/Owner:



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Municipality:

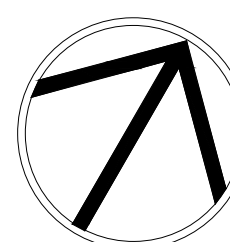


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No.	Revision	Date

North:

Stamp:



Project:

Residential Apartment
20 Cairns Crescent, Huntsville
Ontario

Scale: **1:250** Date: **MAR 2023**

Drawn By: **A.L.** Checked By: **L.M.**

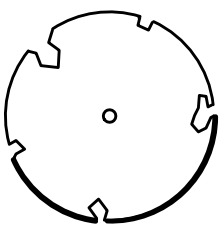
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Planting Enlargement B

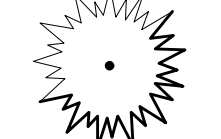
Project No. **23116** Sheet No. **L2-02**

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Legend




Proposed Deciduous Tree




Proposed Coniferous Tree




Tree Protection Fencing
- Refer to Arborist Report & TIPP Prepared by Kuntz Forestry




Property Line



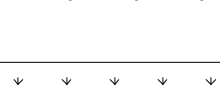
Prop. 1.8m HT Wood Privacy Fence Typ.



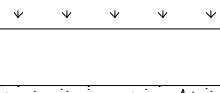
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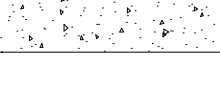
Prop. Sodded Area Typ.




Prop. Concrete Paving Typ.




Prop. Unit Paving Type 1




Proposed Planting Area




Proposed Bike Ring



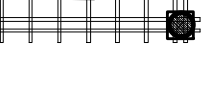
Proposed Bench




Proposed Pergola and Seating



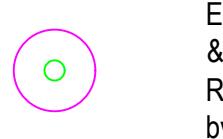
Proposed Modular Seating



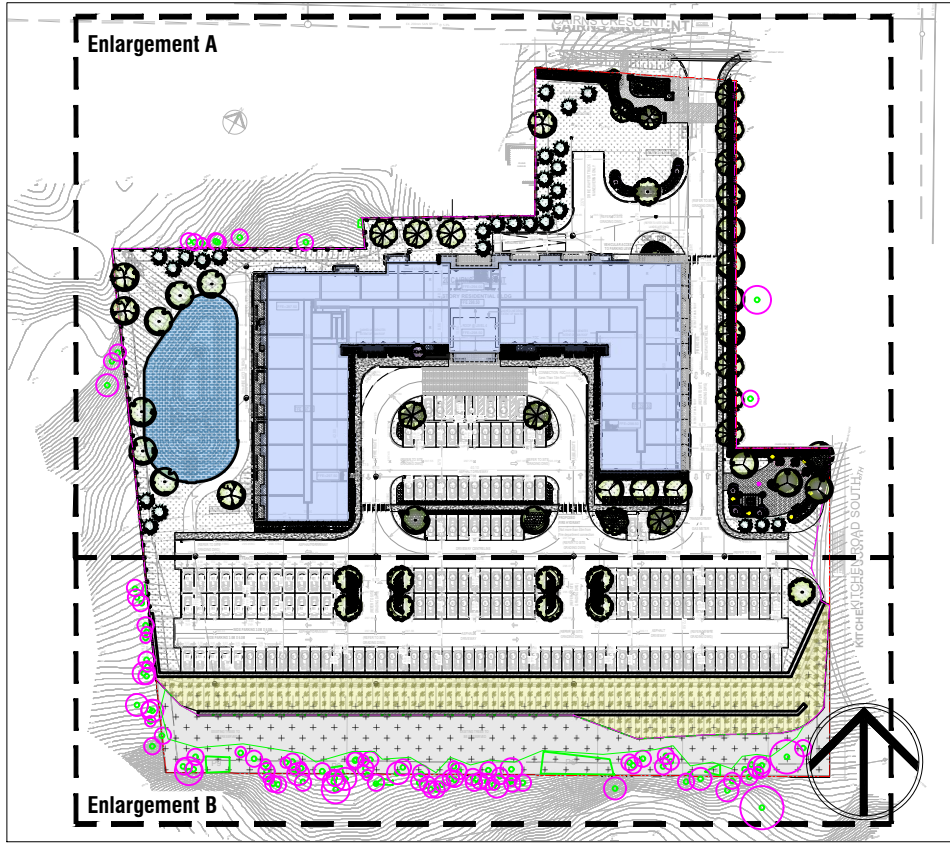
Plant Material Reference Key



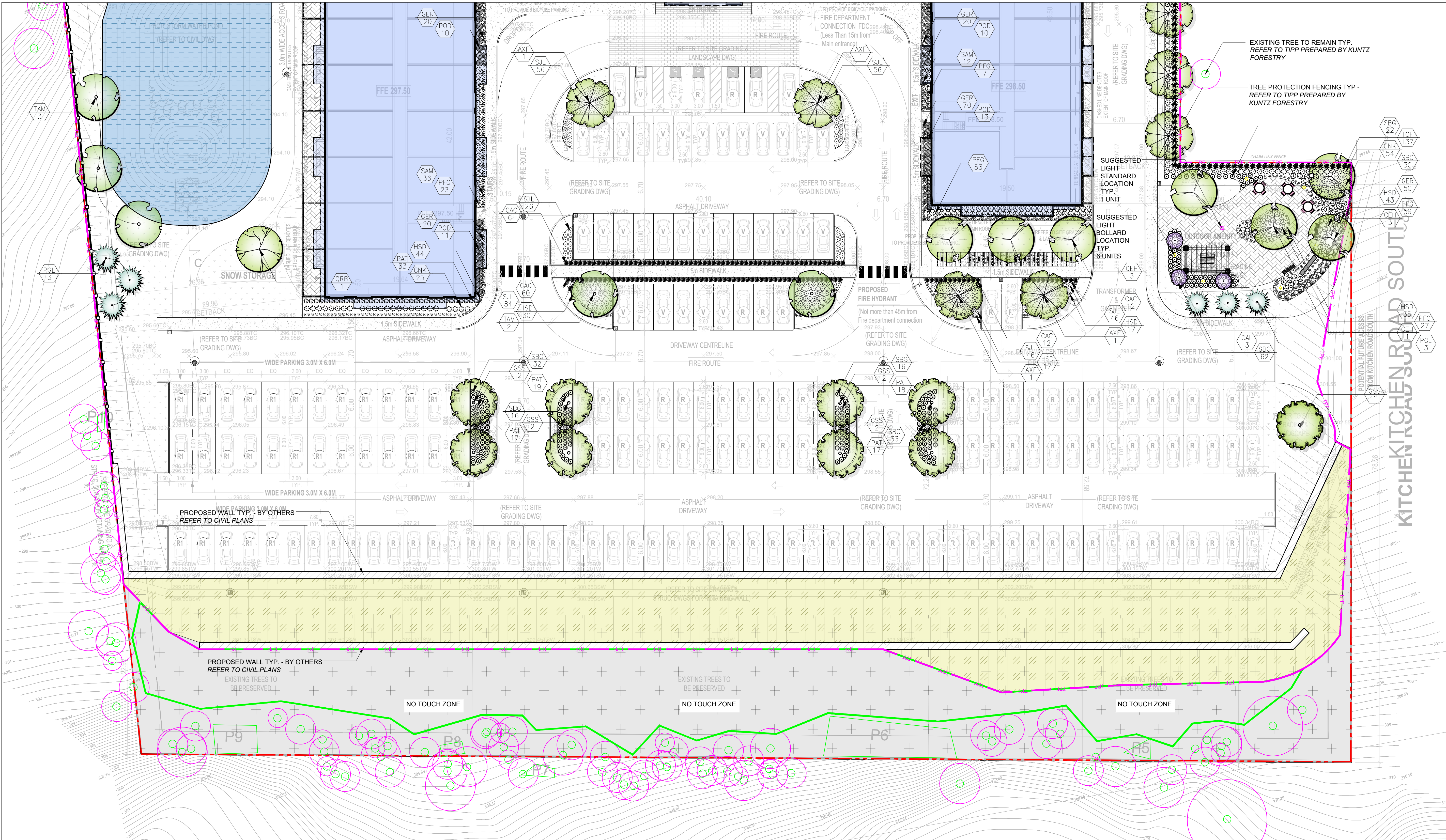
Detail Reference Key



Existing Tree to Remain & TPZ - Refer to Arborist Report & TIPP Prepared by Kuntz Forestry



Context Map





MARTON SMITH LANDSCAPE ARCHITECTS

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Toronto, Ontario, Canada. M3C 2G3
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Architect:



Client/Owner:



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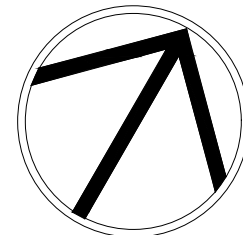
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No.	Revision	Date

North:



Stamp:



Project:

Residential Apartment

20 Cairns Crescent, Huntsville,
Ontario

Scale: 1:250 Date: MAR 2023

Drawn By: A.L. Checked By: L.M.

Drawing Title:

**Planting
Enlargement B**

Project No.

23116

Sheet No.

L2-03

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LANDSCAPE SPECIFICATIONS

CONTRACTOR MUST CONTACT ALL UTILITY COMPANIES FOR STAKE OUTS PRIOR TO ANY EXCAVATION OR PLANTING.

ROUGH GRADING

ROUGH GRADE AND FILL AREAS TO ESTABLISH SUBGRADE AS REQUIRED. PROVIDE DRAINAGE PATTERN AS INDICATED ON DRAWINGS. ROUND SMOOTHLY ALL TOPS AND TOES OF SLOPES. COMPACT ALL AREAS TO 90% STANDARD PROCTOR DENSITY UNLESS SPECIFIED OTHERWISE. EXISTING TREES TO REMAIN ON SITE ARE TO BE PROTECTED AS DETAILED.

FINE GRADING

FINE GRADE ALL AREAS TO FINISHED GRADES AS SHOWN ON LAYOUT OR GRADING PLAN OR ARCHITECT'S SITE PLAN. PROVIDE UNIFORM SLOPES AWAY FROM THE BUILDING, UNLESS SPECIFIED OTHERWISE. SLOPES MAY NOT EXCEED 3:1 (3:1).

SPREADING OF TOPSOIL

SCARIFY THE SUBSOIL PRIOR TO THE SPREADING THE TOPSOIL. REMOVE ALL DEBRIS AND LEAVE A FINE-TEXTURED EVEN SURFACE. ALL TOPSOIL TO BE IMPORTED UNLESS PREVIOUSLY APPROVED BY LANDSCAPE ARCHITECT. OBTAIN APPROVAL FOR THE QUALITY OF ANY IMPORTED TOPSOIL BEFORE DELIVERY TO THE SITE. TOPSOIL IS TO BE COMPACTED TO CREATE A FIRM AND EVEN SURFACE.

SOD

USE NO. 1 GRADE TURFGRASS NURSERY SOD WHICH CONFORMS WITH THE SPECIFICATIONS OF THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO. ALL LAWN AREAS SHALL RECEIVE A MINIMUM OF 100MM (4") OF COMPACTED TOPSOIL, AND SHALL BE SODDED WITH #1 KENTUCKY BLUEGRASS - FESCUE. NO SOD SLOPES ARE TO EXCEED 3:1. SLOPE IN EXCESS OF 4:1 TO BE PEGGED.

MINERAL FERTILIZER

APPLY THE FOLLOWING MINERAL FERTILIZER UNLESS SOILS TESTS SHOW OTHER REQUIREMENTS:

1. SODDED AREAS - 11% NITROGEN, 8% PHOSPHORUS AND 4% POTASH (11-8-4) AT THE RATE OF 4.5 KG OVER 1000 LBS OVER 1000 SQ. FT.)

2. PLANTING BEDS - 7% NITROGEN, 7% PHOSPHORUS AND 7% POTASH (7-7-7) AT THE RATE OF 40 GRAMS (1 OZ.) FOR EVERY BUSHEL OF TOPSOIL.

PREPARATION OF PLANTING BEDS

ALL PLANT BEDS TO BE CONTINUOUS. EXCAVATE ALL PLANTING BEDS TO THE DEPTH AS INDICATED ON THE DRAWINGS AND DETAILS. MIN 450mm (18"). BACKFILL ALL PLANTING BEDS WITH A SOIL MIXTURE CONSISTING OF SIX (6) PARTS OF SAND LOAM, ONE (1) PART OF FINELY PULVERIZED PEAT MOSS, TWO (2) PARTS OF WELL-ROTTED MANURE AND THE MINERAL FERTILIZER AS SPECIFIED ABOVE. ALSO ADD .58 KILOS BONEMEAL/CUBIC METER OF PLANTING SOIL (1 LB./CUBIC YARD). PREPARE THE PLANTING BEDS FOR PLANTING BEFORE THE DELIVERY OF THE PLANT MATERIAL TO THE JOB SITE.

NOTE: IF THE EXISTING SOIL CONDITIONS ARE CLAY OR WET IN NATURE, CONTACT THE LANDSCAPE ARCHITECT FOR INSTRUCTIONS OF A SUITABLE SOIL MIXTURE. FAILURE TO DO THIS MAY RESULT IN DELAY OF APPROVAL AND ACCEPTANCE.

PLANT MATERIALS

ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION FOR SIZE AND SPECIES.

ALL SHRUB AND TREE MATERIAL SHALL BE CONTAINER GROWN, POTTED, S/B OR B/B, UNLESS OTHERWISE NOTED. BARE ROOT PLANTING SHALL BE ACCEPTABLE FOR CERTAIN SPECIES DURING EARLY SPRING OR LATE FALL PLANTING SEASON. CONTRACTOR SHALL MAKE REQUESTS FOR ROOT CONDITION SUBSTITUTION IN WRITING TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS. ALL PLANT MATERIAL TO BE CLAY GROWN STOCK UNLESS OTHERWISE NOTED.

LANDSCAPE SPECIFICATIONS

SCALE: N.T.S. DATE: 1 LD-01

PLANT MATERIAL INSTALLATION

ALL TREES, SHRUBS AND GROUNDCOVERS SHALL BE PLANTED AS DETAILED & AS SHOWN ON THE PLANTING PLAN. ALL BEDS TO RECEIVE A COVER OF CLEAN MULCH TO A DEPTH OF 75mm(3"). FOR GUYING AND STAKING TREES, REFER TO PLANTING DETAILS. WRAP ALL DECIDUOUS TREES UNDER EXPERIENCED SUPERVISION ONLY TO THE SPECIFICATIONS OF THE ONTARIO LANDSCAPE CONTRACTORS ASSOCIATION.

PLANT MATERIAL SIZES AND CONDITIONS ARE TO BE AS INDICATED ON THE LANDSCAPE DRAWINGS.

THE INDIVIDUAL PLANT GROUPING TOTAL AS ILLUSTRATED ON THE PLANTING PLAN SUPERSEDES THE ESTIMATED QUANTITY ON THE MASTER PLANT LIST. CONTRACTOR MUST REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT IN WRITING BEFORE COMMENCING ANY WORK. CONTRACTOR WILL ASSUME FULL RESPONSIBILITY IF LANDSCAPE ARCHITECT IS NOT NOTIFIED OF DISCREPANCIES.

* MULCH - SHREDDED PINE MULCH BY "GRO BARK" OR APPROVED EQUAL. LANDSCAPE ARCHITECT TO APPROVE MULCH BEFORE INSTALLATION.

GENERAL MAINTENANCE

PROPER MAINTENANCE PROCEDURES ARE TO BE FULLY ADMINISTERED FOR ALL NEWLY CONSTRUCTED LANDSCAPE WORK, IN ACCORDANCE WITH LANDSCAPE ONTARIO SPECIFICATIONS (SECTION 1E- MAINTENANCE WORK). THIS SHALL APPLY ONLY DURING THE CONSTRUCTION PERIOD, UNLESS OTHERWISE SPECIFIED. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF SOD AND PLANTING UNTIL FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT.

RODENT PROTECTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL TREES AND SHRUBS FOR WINTER PROTECTION AND FROM RODENT INJURY FOR THE DURATION OF GUARANTY PERIOD. PROTECTIVE GUARDS SHALL BE EMPLOYED AROUND ALL DECIDUOUS TREES. GUARDS TO BE 150MM DIA. PVC PIPE OR AS MUNICIPAL GUIDELINES. GUARDS SHALL BE INSTALLED PRIOR TO THE APPLICATION OF THE MULCH AND SHOULD BE PLACED A MINIMUM OF 50MM (2") OUT FROM THE TREE TRUNK ON ALL SIDES.

ALL SHRUBS AND CONIFEROUS TREES SHALL HAVE AN APPLICATION OF "SKOOT" OR APPROVED EQUIVALENT RODENT FORMULA, TO BE APPLIED AT THE END OF OCTOBER. FOLLOW MANUFACTURER'S DIRECTIONS FOR APPLICATION.

GENERAL REQUIREMENTS

USE ABOVE SPECIFICATIONS IN CONJUNCTION WITH THE GENERAL LANDSCAPE SPECIFICATIONS OF THE ONTARIO LANDSCAPE CONTRACTORS ASSOCIATION, THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO AND WITH THE GUIDE SPECIFICATIONS FOR NURSERY STOCK OF THE CANADIAN NURSERY TRADES ASSOCIATION. USE ONLY PLANT MATERIAL TRUE TO NAME, SIZE AND GRADE AS SPECIFIED ON PLANTING PLAN. PROVIDE SUFFICIENT LABELS OR MARKINGS TO INDICATE CLEARLY THE VARIETY, SIZE AND GRADE OF EACH SPECIMEN OR BUNDLE.

OBTAIN APPROVAL FOR SUBSTITUTIONS AS TO VARIETY, SIZE OR GRADE FROM THE LANDSCAPE ARCHITECT. USE ONLY NURSERY STOCK GROWN UNDER PROPER HORTICULTURAL PRACTICES. VIABLE, FREE FROM PEST AND DISEASE AND UNDAMAGED. CHECK LOCATIONS AND OBTAIN STAKEOUTS OF ALL UTILITY LINES BEFORE EXCAVATION. OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCEMENT OF CONSTRUCTION. REPORT IN WRITING ANY DISCREPANCIES IN THE DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS TO THE LANDSCAPE ARCHITECT BEFORE THE END OF THE BIDDING PROCESS AND COMMENCEMENT OF CONSTRUCTION. THESE SPECIFICATIONS MAY BE SUPERSEDED BY ADDITIONAL SPECIFICATIONS SET OUT IN THE TENDER DOCUMENTS. CONTRACTOR TO REVIEW ALL DOCUMENTS.

GUARANTEE PERIOD

PROVIDE ONE FULL YEAR GUARANTEE ON ALL LANDSCAPE WORK FROM DATE OF FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT. GUARANTEE PERIOD MAY BE EXTENDED TO TWO FULL YEARS DEPENDING ON MUNICIPAL STANDARDS. CONTRACTOR TO VERIFY WITH OWNER AND LANDSCAPE ARCHITECT.

PLANT MATERIAL INSTALLATION

SCALE: N.T.S. DATE: 2 LD-01

WINTER PROTECTION:
Shrubs to be wrapped with burlap or approved equal during guarantee period.

PRUNING: (To suit species)
Prune to remove damaged or objectionable branches following proper horticultural practice. **DO NOT PRUNE LEADERS.**

GUYING: As directed; appropriate to species and size of shrub

MULCHING: 102 (4") shredded bark mulch be "All Treat" or equal. Provide 102 (4") saucer.

CUT AND REMOVE: burlap from top 1/3 of ball as shown. (B.B. as per plant list)

FERTILIZER: Two (2) 21 gram Agriform tablets or approved equivalent for each shrub in bed.

PLANTING SOIL MIXTURE: (Mix thoroughly)
A. For ideal situations mix:
• 6 parts good quality topsoil
• 2 parts well rotted cow manure
• 1 part peat moss
B. For clay or wet situations:
• Contact consultants for proper soil mixture, before proceeding with work
C. Add 0.58 kg (1 lb) of bonemeal per cubic yard of soil
D. Soil mixture should be firmly compacted to eliminate air pockets and prevent settlement.

PREPARATION OF BED: Excavate shrub bed to size outlined on drawings, minimum 457 (18") depth. Remove any subsoil or rubbish off site unless otherwise directed.

SPACING: As directed.

FOR RODENT CONTROL: See landscape specifications or apply "Skoot" at the end of October.
Note: All tree stakes, ties and guards are to be removed one year after installation by the landscape contractor.

STANDARD SHRUB PLANTING DETAIL

SCALE: N.T.S. DATE: 3 LD-01

PRUNING: By 1/3 to remove damaged or objectionable branches following proper horticultural practice. **DO NOT PRUNE LEADERS.**

WRAPPING: Approved tree wrap from top of ball to 305 (12") above first branch. Secure with binder twine, wound opposite to wrapping. Secure top, middle and bottom.

GUYING: 1 wo 51 x 51 x 6 (2" x 2" x 1/2") steel T-bars, minimum 2.438 (8'-0") long, and drilled to receive #10 wire threaded through 13 (1/2") Ø rubber hose to support tree. Paint "T" flat black.

WIRE MESH TREE GUARD: For rodent protection

CUT AND REMOVE: burlap from top 1/3 of ball.

MULCHING: 102 (4") shredded bark mulch by "All Treat" or equal.

FERTILIZER: Two (2) 21 gram Agriform tablets for each 25 (1") of trunk diameter (or approved method by Landscape Architect).

GRADES: Maintain original grade of tree base after planting, or slightly higher to suit site conditions.

SLOPES: Build up earth saucer on downhill side. Earth saucer to be compacted.

SCARIFY: edges to allow for root penetration

UNDISTURBED SOIL

PLANTING SOIL MIXTURE: (Mix thoroughly)
A. For ideal situations mix:
• 6 parts good quality topsoil
• 2 parts well rotted cow manure
• 1 part peat moss
B. For clay or wet situations:
• Contact consultants for proper soil mixture, before proceeding with work
C. Add 0.58 kg (1 lb) of bonemeal per cubic yard of soil
D. Soil mixture should be firmly compacted to eliminate air pockets and prevent settlement.

NOTE: All tree stakes, ties, wraps and guards are to be removed one year after installation by the landscape contractor.

ALL GIVEN DIMENSIONS ARE IN METRIC

WIRE BASKETS OR STRING ON ROOT BALL - CUT AND TOP REMOVE 1/3

STANDARD DECIDUOUS TREE DETAIL

SCALE: N.T.S. DATE: 4 LD-01

PLANTING SOIL MIXTURE: (Mix thoroughly)
A. For ideal situations mix:
• 6 parts good quality topsoil
• 2 parts well rotted cow manure
• 1 part peat moss
B. For clay or wet situations:
• Contact consultants for proper soil mixture, before proceeding with work
C. Add 0.58 kg (1 lb) of bonemeal per cubic yard of soil
D. Soil mixture should be firmly compacted to eliminate air pockets and prevent settlement.

STAKING: Secure three (3) stakes to main tree trunk with approved short hemp rope. Ensure the stakes are not in contact with the bark. Secure into ground with a minimum depth of 350 (1'-6").

MULCHING: Provide 102 (4") shredded bark mulch forming a saucer around base of tree. Maintain the original grade or slightly higher.

CUT AND REMOVE: burlap from top 1/3 of ball.

FERTILIZER: Two (2) 21 gram Agriform tablets for each 25 (1") of trunk diameter (or approved method by Landscape Architect).

GRADES: Maintain original grade of tree base after planting, or slightly higher to suit site conditions.

SCARIFY: edges to allow for root penetration

UNDISTURBED SOIL

ALL GIVEN DIMENSIONS ARE IN METRIC

WIRE BASKETS OR STRING ON ROOT BALL - CUT AND TOP REMOVE 1/3

STANDARD CONIFEROUS TREE DETAIL

SCALE: N.T.S. DATE: 5 LD-01

SEE TABLE BELOW FOR HEIGHT AND SPACING (NOTE: PANELS MAY BE CUT TO SUIT)

POST SETTING (SEE BELOW)
NOTE: PANELS MAY BE CUT TO SUIT

PANEL WIDTH VARIES
95mm (3 3/4") CLEAR BETWEEN PICKETS

POST CAP PYRAMID

PRE-PUNCHED RAILS FOR PICKET INSERTION

CONCRETE FOOTING

FINISHED GRADE

PANEL HEIGHT***	PANEL WIDTH	POST SETTING (CENTRE TO CENTRE)
<914mm (36")	2432mm (95 3/4")	2565mm (101")
914mm (36")		
1219mm (48")		
1524mm (60")		
1829mm (72")	1898mm (74 3/4")	2032mm (80")
2134mm (84")		
2438mm (96")		
2743mm (108")		
3048mm (120")		
>3048mm (120")		

1.2M HT ORNAMENTAL METAL GUARD RAIL DETAIL

SCALE: N.T.S. DATE: 6 LD-01

IRON EAGLE II SERIES ELEGANT EAGLE

IRON EAGLE INDUSTRIES INC., 1256 CARDIFF BLVD, MISSISSAUGA, ONT. TEL 905-670-2558 TELEFAX 905-670-2538

POSTS FASTENED TO CONC. WALL WITH GAL. METAL BRACKETS AS MANUFACTURER'S DETAILS OR ENGINEER APPROVED SHOP DRAWINGS)

POURED CONC. RETAINING WALL (REFER TO CIVIL PLAN AND DETAILS FOR MORE INFORMATION)

POST MOUNTED TO CONCRETE RETAINING WALL (BY OTHERS)

***STRUCTURAL ENGINEER TO APPROVE FINAL SHOP DRAWINGS FOR POSTS FASTENED ON TOP OF WALL**

SPECIFICATIONS:

POSTS, RAILS & PICKETS: EXTRUDED MARINE ALUMINUM 6061-T6 SEVEN STAGE ARCHITECTURALLY CERTIFIED PRETREATMENT AS PER ANMA 2004. SUPER DURABLE ELECTROSTATICALLY APPLIED POWDER COAT - MIN THICKNESS 2.5 mils

POSTS: 76mm x 76mm (3"x3"), 7 GAUGE

POST CAP: PYRAMID OR BALL

RAILS: 38mm x 64mm (1 1/2" x 2 1/2"), 11 GAUGE

PICKETS: 19mm x 38mm (3/4" x 1 1/2"), 14 GAUGE

FITTINGS: 12 GAUGE STAMPED MARINE ALUMINUM FACTORY FINISH AS ABOVE

WELDS: ALUMINUM - FULL BEAD ON PUBLIC SIDE TACK WELD ON PRIVATE SIDE

COLOURS: STANDARD COLOURS ARE BLACK, SEMI-BLACK, BROWN, GREEN, WHITE & FOREST GREEN CUSTOM COLOURS AVAILABLE UPON REQUEST

WARRANTY: 20 YEAR LIMITED

NOTE: ALL TYPES OF GATES AVAILABLE TAMPER PROOF NOT AVAILABLE E-COAT PROTECTION AVAILABLE UPON REQUEST

1800 HT. WOOD PRIVACY SCREEN (HOR. SLATS) DETAIL

SCALE: N.T.S. 3/8" (10mm) GAP BETWEEN BOARDS 7 LD-01

VARIES - REFER TO PLAN

2400 O.C. MAX.

1200 MAX.

MAX 75mm (3") GAP BETWEEN END OF SCREEN AND BUILDING WALL

150/100 (2x4) VERTICAL WOOD SUPPORT CENTRED BETWEEN POSTS.

50x100 (2x4) WOOD RAIL TOP IN BOTTOM

150x150 (6"x6") WOOD POSTS AT 2400 O.C.

25x150 (1"x6") HORIZONTAL WOOD SLATS

10mm (3/8") GAP BETWEEN FENCE BOARDS

50x50 (2x2") VERTICAL BOARD 1A SIDE OF POST

50x100 (2x4) BOTTOM RAIL

50x100 (2x4) BOTTOM CAP

150x150 POSTS WITH 350 (14") DIA CONCRETE FOOTING - 30 MPA AT 28 DAYS

FOOTINGS MUST REST ON UNDISTURBED SOIL

ELEVATION

SECTION

1800 (6'-0") HEIGHT NOT TO EXCEED LOCAL BY-LAW

4'-0" MIN

350

NOTES:

- ALL FENCE BOARDS SHALL BE ACD (ALKALINE COPPER QUATERNARY) OR CA (COPPER AZOLE) PRESSURE TREATED S-P-F.
- ALL FASTENERS AND METAL COMPONENTS SHALL BE HOT DIPPED GALVANIZED OR CERAMIC COATED FOR EXTERIOR USE AND SHALL BE COMPATIBLE WITH THE ACD (ALKALINE COPPER QUATERNARY) COMPOUND USED IN PRESSURE TREATMENT SERVICE.
- FINISH WITH 1 COAT OF APPROVED STAIN (CLEAR OR COLOUR, AS APPROVED BY OWNER - BEFORE BACKFILLING TO FINISH GRADE).
- INSTALL FENCE ON COMPACTED SUBGRADES AT 95% SPO.
- TOP RAILS & CAP TO BE INSTALLED LEVEL; STEP FENCE SECTIONS AT EQUAL AMOUNTS, I.E. 150, OR 300 MM TO SUIT FINISH GRADES OF SITE.
- MAINTAIN MINIMUM HEIGHT OF FENCE AS INDICATED.
- ALL MATERIALS, COMPONENTS AND WORKMANSHIP TO CONFORM TO THE ONTARIO BUILDING CODE AND OTHER APPLICABLE LOCAL MUNICIPAL BY-LAWS.

STAIN NOTE: MIN. ONE COAT OF OUTDOOR WOOD STAIN (OR AS PER MUNICIPAL REGS.) IS REQUIRED FOR 100% COVERAGE COLOUR TO BE APPROVED BY OWNER.

1800 HT. WOOD PRIVACY SCREEN (HOR. SLATS) DETAIL

SCALE: N.T.S. 3/8" (10mm) GAP BETWEEN BOARDS 7 LD-01

09	Issued for Submission	08/14/25
08	Issued for Coordination	08/08/25
07	Issued for Coordination	07/22/25
06	Issued for Submission	09/09/24
05	Issued for Coordination	07/29/24
04	Issued for Re-Submission	02/23/24
03	Issued for Submission	09/08/23
02	Issued for Coordination	06/26/23
01	Issued for Coordination	06/09/23
No.	Revision	Date

North: Stamp:



Project: **Residential Apartment**

20 Cairns Crescent, Huntsville, Ontario

Scale: **As Shown** Date: **MAR 2023**

Drawn By: **A.L.** Checked By: **L.M.**

Drawing Title: **Landscape Details**

Project No. **23116** Sheet No. **LD-01**

Options
Architects

BUILDING YOUR IDEAS - INTO BIG PLANS

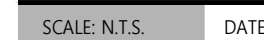
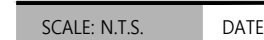
THE BIGGLIERI GROUP LTD.

Planning | Development | Project Management | Urban Design

20 Leslie Street, Suite 121, Toronto, Ontario M4M 3L4
 126 Catherine Street North, Hamilton, Ontario L8R 1J4
 Office: (416) 863-0156 Fax: (416) 460-8133
 info@biggerli.com

None in part or whole shall only be permitted with written consent of L.A. Drawings shall not be used for construction unless sealed & SIGNED. Before starting work, the contractor shall confirm the exact location of all existing utilities and facilities, and shall assume liability for damages.

DATE



Residential Apartment
20 Cairns Crescent, Huntsville
Ontario

Drawn By: **A I** Checked By: **I M**

Landscape Details

23116 LD-02

All information contained in these plans shall be checked by the contractor. All discrepancies shall be reported to the Landscape Architect (L.A.) before commencing with construction. All drawings have copyright and shall remain the property of the Landscape Architect. Copying or any reproduction in part or whole shall only be permitted with written consent of L.A. Drawings shall not be used for construction unless sealed & SIGNED. All drainage patterns must drain positively away from buildings or structures at 2% min. The position of existing above ground and underground utilities and facilities are not necessarily shown on the drawings, and where shown, the accuracy of the position of utilities and facilities is not guaranteed. Before starting work, the contractor shall confirm the exact location of all existing utilities and facilities, and shall assume liability for damage.

Architect:



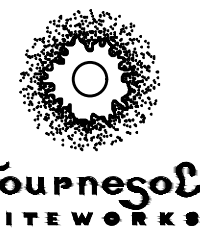
Client/Owner:



Municipality:



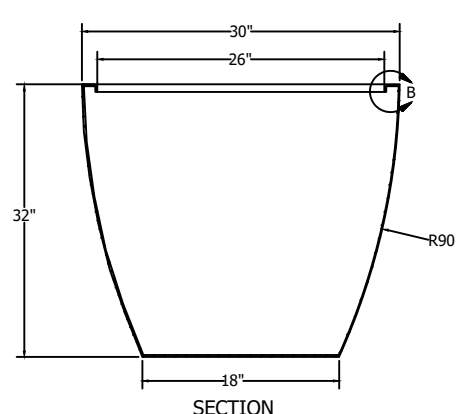
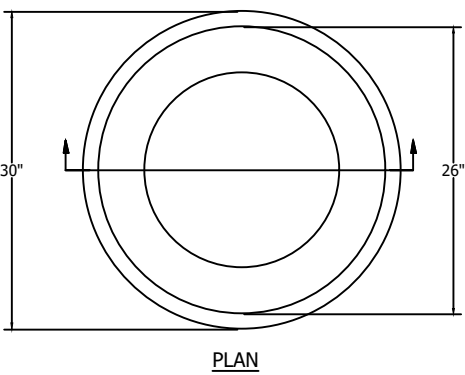
Notes:



DOWNTOWN COLLECTION MODEL: DS-3000

NOTES: UNLESS OTHERWISE SPECIFIED

- 1) MATERIAL: 0.125" - 0.187" THK FIBERGLASS REINFORCED PLASTIC (FRP)
- 2) FINISH: FRP (T0)
- 3) COLOR: TIER 2 - MMP IRON
- 4) ALL DIMENSIONS ARE NOMINAL, ACTUAL SIZE MAY VARY.



PLANTER TYPE 1 - TOURNESOL MODEL #DS-3000

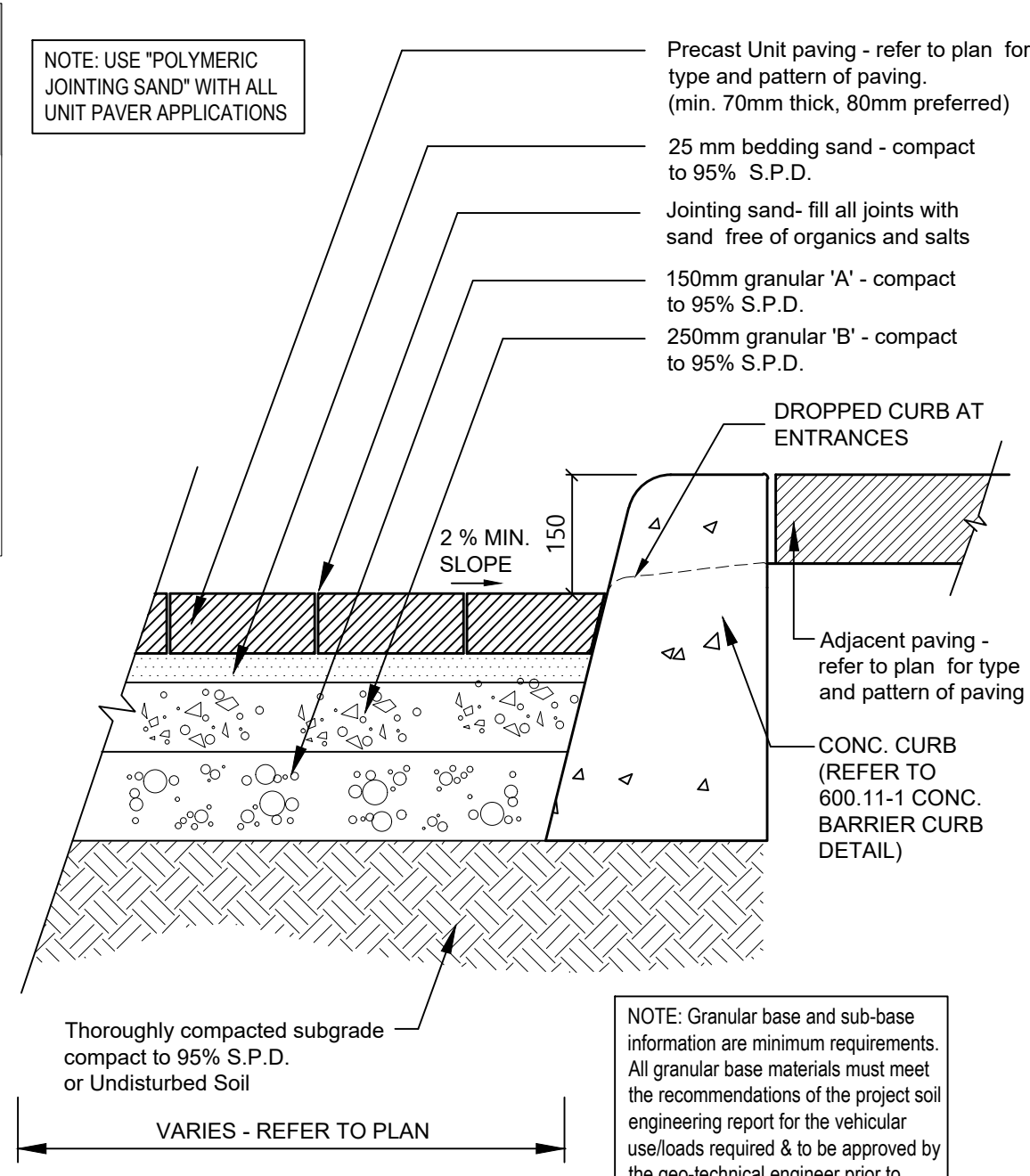
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DATE:

17

LD-03

REFER TO PLAN FOR LOCATION



HEAVY DUTY (VEHICULAR) PRECAST CONCRETE UNIT PAVER INSTALLATION DETAIL

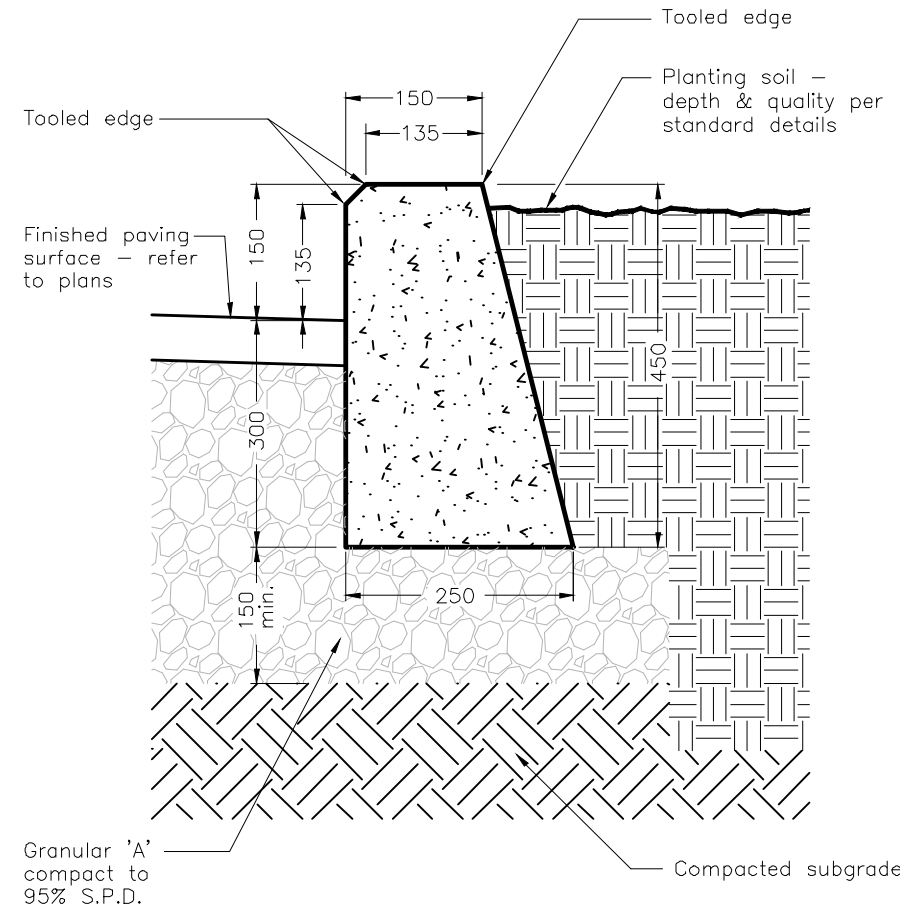
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DATE:

14

LD-03

REFER TO PLAN FOR LOCATION



150mm HT CONC. CURB PLANTER DETAIL TYP.

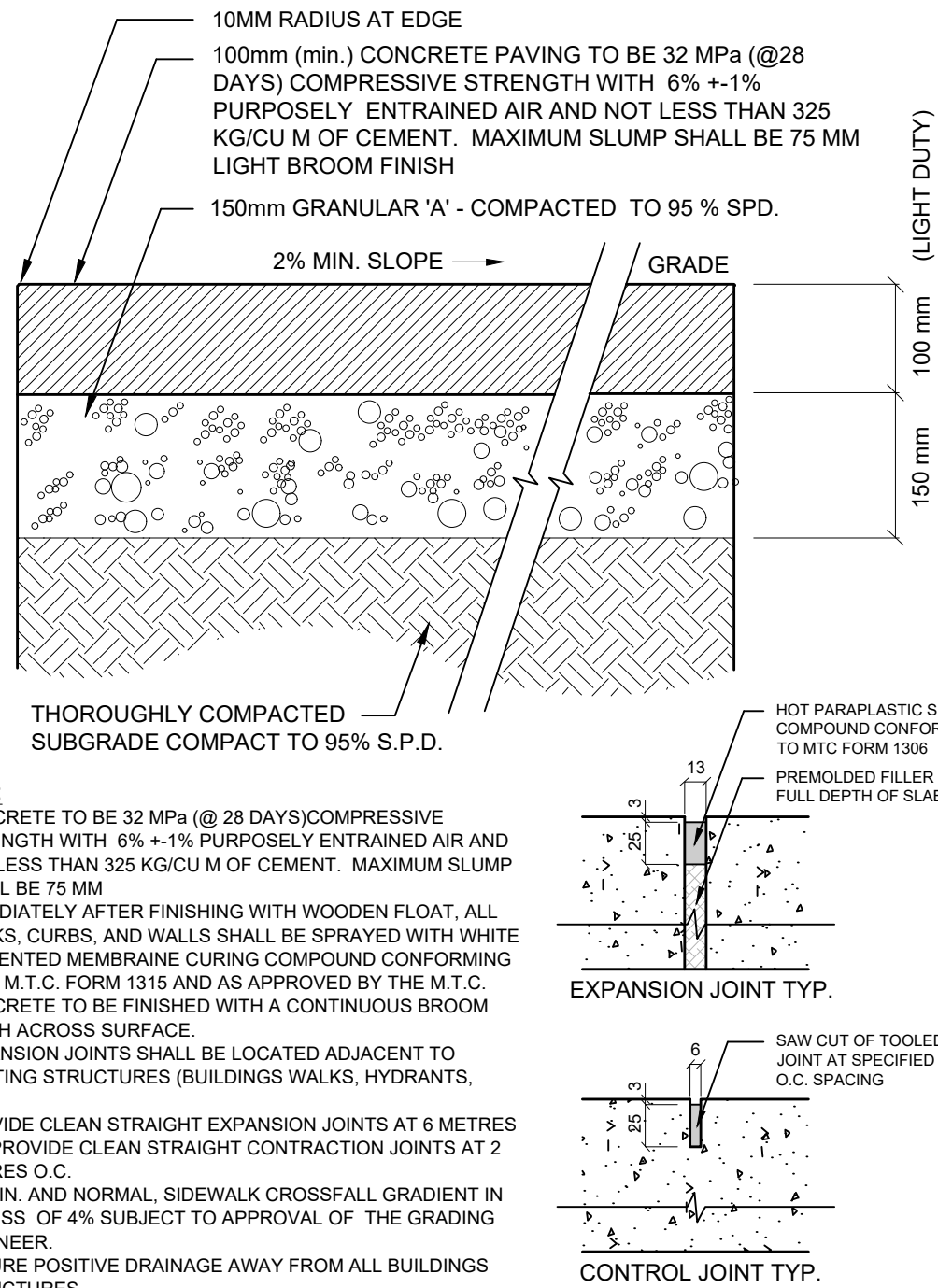
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DATE:

15

LD-03

REFER TO PLAN FOR LOCATION



LIGHT DUTY (PEDESTRIAN) 100mm CONCRETE PAVING DETAIL TYP.

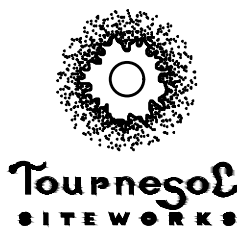
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DATE:

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LD-03

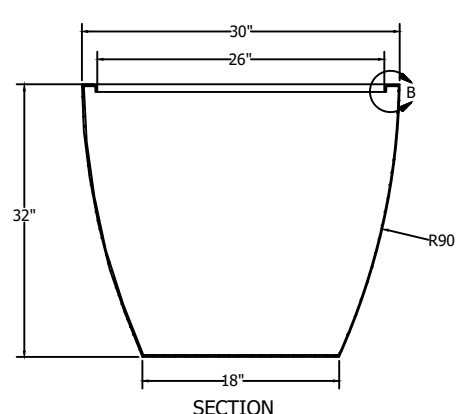
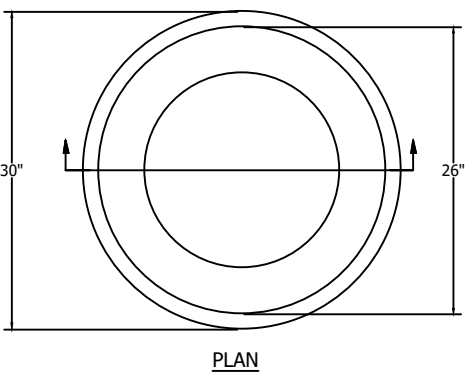
REFER TO PLAN FOR LOCATION



DOWNTOWN COLLECTION MODEL: DS-3000

NOTES: UNLESS OTHERWISE SPECIFIED

- 1) MATERIAL: 0.125" - 0.187" THK FIBERGLASS REINFORCED PLASTIC (FRP)
- 2) FINISH: FRP (T0)
- 3) COLOR: TIER 2 - MMP IRON
- 4) ALL DIMENSIONS ARE NOMINAL, ACTUAL SIZE MAY VARY.



PLANTER TYPE 1 - TOURNESOL MODEL #DS-3000

SCALE: N.T.S.

DATE:

17

LD-03

REFER TO PLAN FOR LOCATION

Halo Stainless Steel Bicycle Rack

PS-79-SS-101-BD - Halo Stainless Steel Bike Rack

Our Halo Stainless Steel Bicycle Rack features a 304 stainless tubular steel construction, and is available in Surface or In Ground mounting options.



Width: 35.5" (90.2 cm)
Depth: 2.25" (5.7 cm)
Height: 32" (81.3 cm)



sales@hausersite.com
800-268-7328
hausersite.com

HALO STAINLESS STEEL BICYCLE RACK BY HAUSER

SCALE: N.T.S.

18

LD-03

REFER TO PLAN FOR LOCATION



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1-800-268-7328

PRODUCT CODE:

PS-692-AL-3-WD3-WD3

TO SPECIFY:

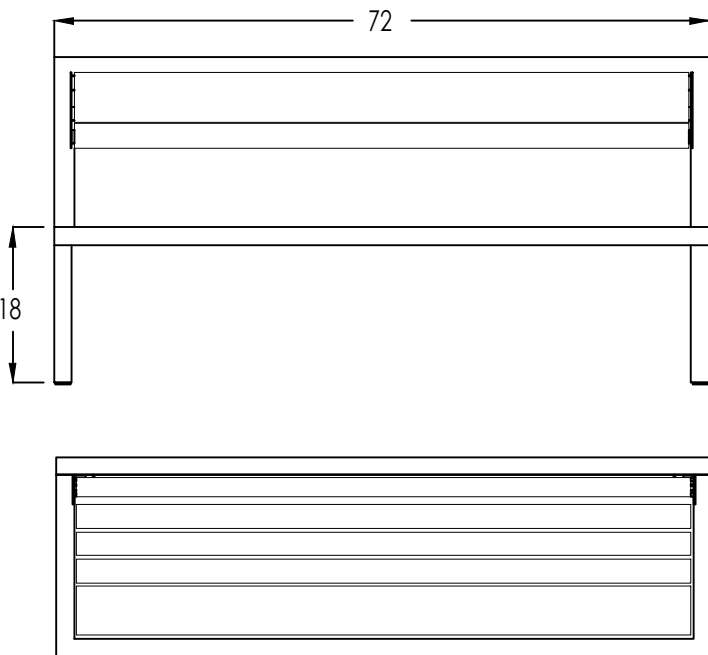
Select PS-692-AL-3-WD3-WD3

Choose:

*Frame Options: Gunmetal
*Seat Options: IPE
*Back Options: IPE

Bolted Down

DIMENSIONS:
Height: 36.00" (91.4 cm)
Width: 72.00" (182.9 cm)
Depth: 22.00" (55.9 cm)
Seat Height: 17.25" (43.8 cm)



RIDGEWOOD BENCH BY HAUSER

SCALE: N.T.S.

MODEL: PS-692-AL-3-WD3

19

LD-03

REFER TO PLAN FOR LOCATION



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SKYLINE PICNIC TABLE & BENCHES *BOLTED DOWN OPTION

☒ SELECT DESIRED SLAT OPTION:

- ☐ IPE TROPICAL WOOD SLATS (WD3) (SHOWN)
- ☐ ALUMINUM SLATS (AL)
- ☐ ENVIRONMENTAL SLATS (EW)
- ☐ HAUSER HPL PANEL (WD3)

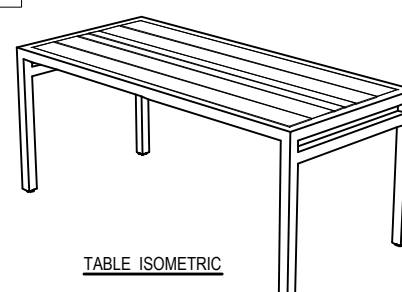
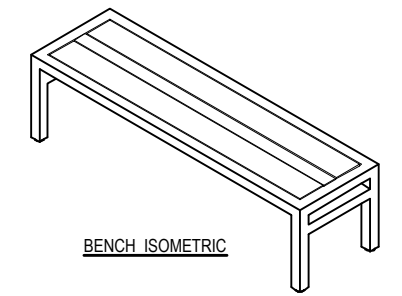


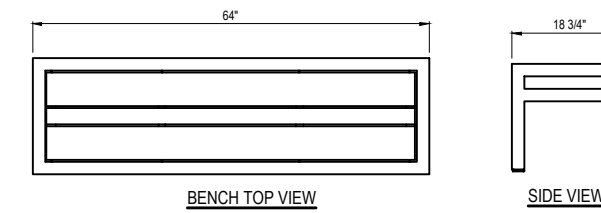
TABLE ISOMETRIC



TABLE TOP VIEW
SKYLINE PICNIC TABLE WITH TROPICAL WOOD SLATS (PS-1010-AL-WD3)



BENCH ISOMETRIC



BENCH TOP VIEW
SKYLINE PICNIC BENCH WITH TROPICAL WOOD SLATS (PS-1000-AL-WD3-64)

NOTES:

1. Refer to manufacturer's specifications for installation guides and more detailed information
2. Unless otherwise mentioned, all dimensions are in inches (mm)

SKYLINE PICNIC TABLE WITH BENCHES BY HAUSER

SCALE: N.T.S.

MODEL: PS-1010-AL-WD3

MODEL: PS-1000-AL-WD3-64

20

LD-03

REFER TO PLAN FOR LOCATION

Venti Café Side Chair

GS-4286 - Venti Café Side Chair

Our Venti Café Side Chair features a powdercoated cast aluminum seat and welded aluminum frame, and is available in any Hauser KOTE powdercoat finish.

Width: 18" (45.7 cm)
Depth: 21" (53.3 cm)
Height: 31" (78.7 cm)
Seat Height: 17.5" (44.3 cm)
Weight: 10.5 lbs (4.7 kg)
Stackable: 3x High



MATERIAL SPECIFICATIONS

FABRIC COLOUR: CANVAS NATURAL
FINISH: 'PEWTER' POWDERCOAT FINISH*



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800-268-7328
hausersite.com

VENTI CAFE SIDE CHAIR BY HAUSER

SCALE: N.T.S.

DATE:

21

LD-03

Project:

Residential Apartment

20 Cairns Crescent, Huntsville,
Ontario

Scale: As Shown Date: MAR 2023

Drawn By: A.L. Checked By: L.M.

Drawing Title:

Landscape
Details

Project No. Sheet No.

23116 LD-03

REFER TO PLAN FOR LOCATION

24" Square Solid Surface Table

GS-624-TB-AL Dome with GS-07-TT-24x24 Solid Surface Table Top

The Dome aluminum table base is offered in a variety of sizes to accommodate various table top configurations. Shown here with a custom 84L powdercoat finish and a 24" square 'Solid Surface' table top (GS-07-TT-24x24), on a marine-grade plywood mounting board. Bar and counter height are also available.

Width: 24" (61.0 cm)
Depth: 24" (61.0 cm)
Height: 30" (76.2 cm)
Weight: 55.0 lb (25.0 kg)



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800-268-7328
hausersite.com

SQUARE SOLID SURFACE TABLE

SCALE: N.T.S.

DATE:

22

LD-04

REFER TO PLAN FOR LOCATION



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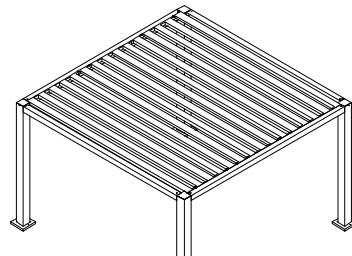
CUSTOM GRAND PERGOLA (DERIVED FROM CHS-2020-AL)

☐ SELECT DESIRED OPTION:

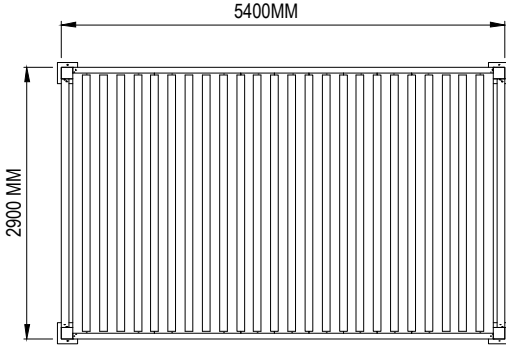
- ☐ CUSTOM SHAPES AND SIZES**
- ☐ PRIVACY PANELS
- ☐ LIGHTING / HEATING / CHARGING

☐ SELECT DESIRED PURLIN OPTION:

- ☐ ALUMINUM PURLINS (SHOWN)
- ☐ WOOD PURLINS



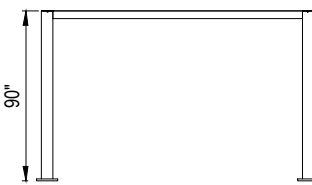
ISOMETRIC



TOP VIEW



SIDE VIEW



FRONT VIEW

NOTES:

1. Refer to manufacturer's specifications for installation guides and more detailed information
2. Unless otherwise mentioned, all dimensions are in inches [mm]

CUSTOM GRAND PERGOLA BY HAUSER

SCALE: N.T.S.

DERIVED FROM MODEL: CHS-2020-AL

23

LD-04



MARTON SMITH LANDSCAPE ARCHITECTS

170 The Donway W Suite 206,
Toronto, Ontario, Canada, M3C 2G3
tel. 416.492.9966 | email. info@msla.ca

Architect:



Client/Owner:



Municipality:



Notes:

09	Issued for Submission	08/14/25
08	Issued for Coordination	08/08/25
07	Issued for Coordination	07/22/25
06	Issued for Submission	09/09/24
05	Issued for Coordination	07/29/24
04	Issued for Re-Submission	02/23/24
03	Issued for Submission	09/08/23
02	Issued for Coordination	06/26/23
01	Issued for Coordination	06/09/23

No.	Revision	Date
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North: Stamp:



Project:

Residential Apartment

20 Cairns Crescent, Huntsville,
Ontario

Scale: As Shown Date: MAR 2023

Drawn By: A.L. Checked By: L.M.

Drawing Title:

Landscape Details

Project No. 23116 Sheet No. LD-04

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