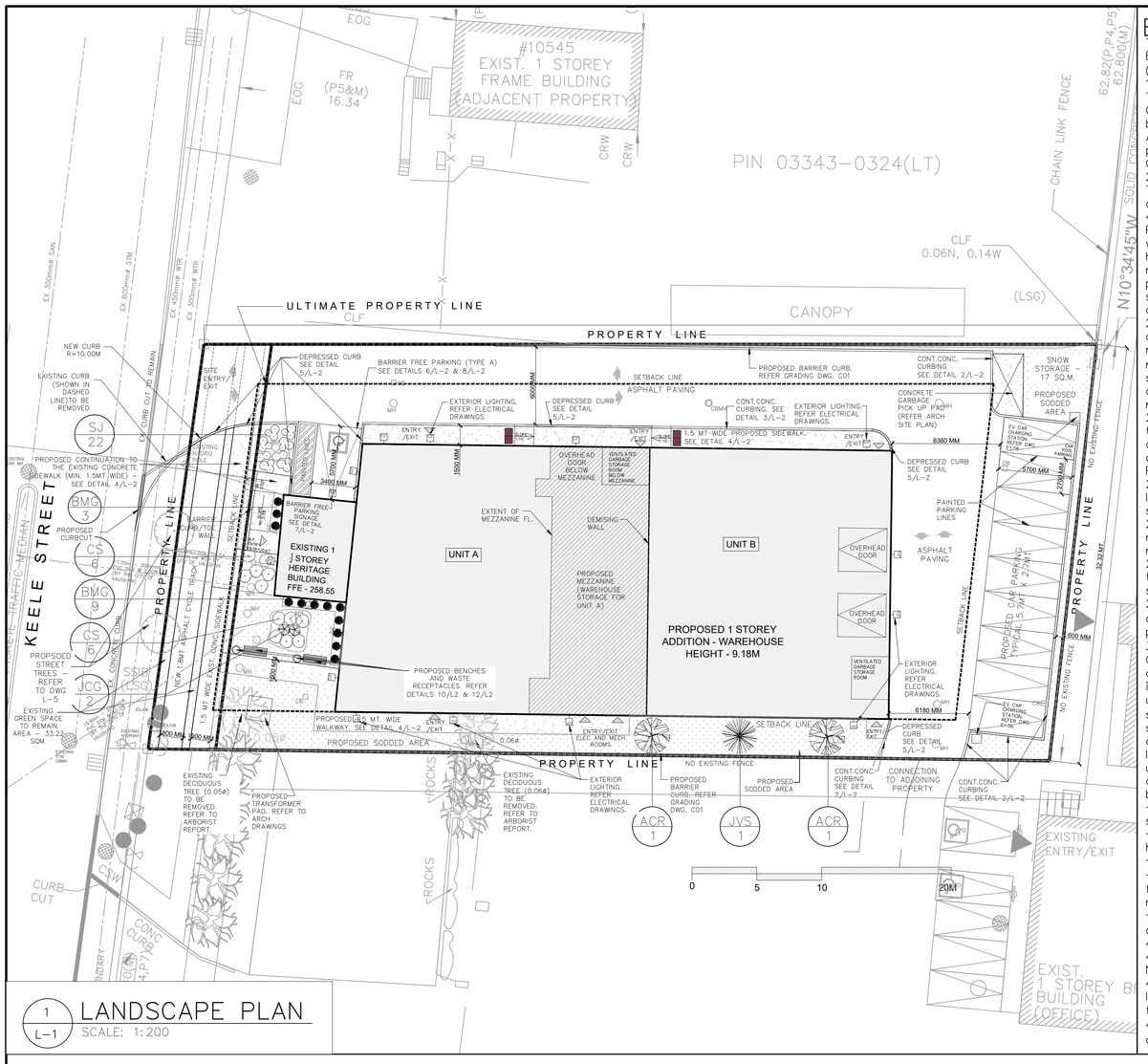


1 L-1 LANDSCAPE PLAN
SCALE: 1:200

BOULEVARD TREE PLANTING SPECIFICATIONS

BOULEVARD TREE PLANTING SPECIFICATIONS
(City of Vaughan, 2007)
1. General
The specifications are to be read in conjunction with the standard City
boulevard tree planting details and the Canadian Nursery Trades Association Standards for Nursery Stock manual. Trees, topsoil and planting methods must meet the standards and specifications of the CNTA to be accepted by the City.
2. Topsoil Requirements
The City requires the entire planting area, outside the sidewalk, curb and driveway materials, will be filled with topsoil to a depth of 450mm.
Prior to provision of the topsoil the Owner must provide a soils report which confirms the topsoil, to be utilized on the site, meets the horticultural standards noted herein. Submissions are to include the name of the development project, 19T or 65M number, streets to be planted in and the location of the topsoil source for viewing by City staff. Two copies of the written report, results and recommendations are to be provided to the City for review and approval.
2.1 All topsoil must be screened, fertile, friable, natural loam containing 4% minimum organic matter for clay loams and 2% minimum organic matter for sandy loams. Acidity of topsoil shall range from 6.0pH to 7.5pH (levels of NPK an Mg are to be noted). It shall be free of any mixture of subsoil, clay lumps, stones and roots over 50mm in diameter as well as any foreign objects, and shall be reasonably free of weeds and weed seeds.
2.2 Test topsoil from source providing 0.5kg samples to an approved testing laboratory, and indicate present use, type of subsoil and quality
of drainage. Prepare and ship the samples in accordance with Provincial regulations and testing laboratory requirements.
2.3 The testing must identify if the following are present in harmful levels; atrazene, salts, pre-emergent herbicides growth inhibitors or soil sterilants and heavy metals.
2.4 Should the test results indicate the topsoil is not satisfactory the report shall include recommendations to improve the soil. The City reserves the right to reject topsoil that does not meet the standards.
2.5 In soils with low moisture holding capacities the City may direct the owner to apply Urea based polymers or Hydrogel to the planting soils.
2.6 When excavating the planting area, to install the topsoil, a continuous trench will be created. These trenches and/or planting pits shall not be left open overnight.
3. Stakeout of Boulevard Tree Locations (Forestry Department)
City of Vaughan Forestry Department is to be given 24 hours notice of tree planting stakeout meeting with consultant. Prior to the installation, a stakeout of boulevard tree locations is to be undertaken by the owner, to the approval of the City. The owner shall ensure all underground utilities (existing and proposed) are staked out prior to the boulevard tree stake out. The landscape consultant and the City may, at their discretion, redistribute tree locations, prior to planting, in order to minimize conflicts with utilities, driveways, and intersection visibility. The following distances are to be ensured in the location of trees within the boulevard:
·Not less than 1.0 metre from underground utilities, driveways, sidewalks, curbs, and utility pedestals.
·Not less than 3.0 metres from hydro transformers and fire hydrants.
·Not less than 0.9 metres from underground gas utilities.
·Not less than 3.0 metres from light poles for smaller ornamental/ flowering and columnar street tree species. Not less than 5.0 metres from light poles for regular-sized street tree species.
·Not less than 10.0 metres from stop signs, subject to the approval of the City's Engineering Dept.
4. Tree Conditions
4.1 All trees must meet the highest standard of the Canadian Nursery Trades Associations Standard for Nursery Stock.
4.2 All trees shall have only one un-pruned and undamaged central leader. The branching shall be evenly spaced. Minimum Height to first branch 1.8m.
4.3 Trees shall not exhibit any mechanical damage (straight trunk clear of any defects).
4.4 All trees must contain the tags regarding species, variety and source of the plant material by the Nursery.
4.6 All root balls must be firm and securely wrapped in natural fibre and tied with biodegradable twine.
4.7 Trees which adapt only to Spring planting will not be accepted for
Fall plantings.
4.8 Trees exhibiting weak graft unions will not be accepted.
4.9 Previous two years twig or shoot elongation must be present as typical for any species.
4.10 All plant material must be wrapped for transport, and must be removed prior to inspection on site.
4.11 Only stock which has been certified, by the Nursery, as having been root pruned within the previous 36 months shall be accepted.
5. Implementation
5.1 All trees to be inspected upon delivery to subdivision by the Forestry Department and acceptability is at their discretion. Request for inspection should be made through Parks Development Department.
5.2 No planting holes will be deeper than the overall soil ball and the
tree shall be planted with the rootball 75mm to 100mm above grade. Trees will be places so that main lateral branches are oriented away from the road.
5.3 All trees must be thoroughly watered(15 to 20 gallons) at planting
and on a monthly basis between the 15th of May and the 30th of November each year, until assumption. The water should be applied slowly to prevent erosion and runoff. This shall be certified by the Consultant at the time of request for the commencement of the Guarantee Maintenance period and again at Assumption.
5.4 Deciduous trees are to be wrapped for the first year with burlap strip wrapping. Coniferous trees are to be wrapped for the first year with burlap wrapping. The City may require the wrap to be removed and replaced, by the Owner, during inspection periods.
5.5 All trees are to receive an appropriate Spring and Fall application of slow release granular balanced (18-18-18) fertilizer (25% SCU). Application rate 170 grams per 50mm cal. Tree. This shall be certified by the consulting landscape architect at the time of
request for the commencement of the Guarantee Maintenance
period and again at Assumption.
5.6 The City may direct the Owner to apply a Chlorosis treatment. This shall be certified by the consulting landscape architect at the time of request for the commencement of the Guarantee
Maintenance period and again at Assumption.
5.7 All trees must be covered and kept in a moist condition if delivery and installation exceeds three hours.
5.8 No wound dressing shall be applied to pruning cuts.
5.9 No alteration to planting sites by third parties shall be accepted by the City.
6. Certification Guarantee Maintenance Certification
The consultant is to certify that all:
·□plant material was installed as per the details and specifications;
·□plant material is healthy condition for acceptance and in the ground 12 months;
·□landscape elements have been installed as per the details and specifications; and
·□As-builts are supplied (4 sets).

Contractor must check and verify all dimensions and be res- ponsible for same, reporting any discrepancies to the Engineer before commencing work.
Prints shall not be used for construction until signed 'Approved For Construction' by the Engineer.
Prints are not to be scaled.
All drawings, prints and specifications are the property of the Engineer and shall be returned to him on completion of the work.
All work shall be performed in accordance with the latest edition of the ONTARIO BUILDING CODE, NATIONAL BUILDING CODE and regulatory regulations of the CITY OF VAUGHAN Building Department.
These notes are to be read in conjunction with all drawings and specifications.

The Contractor shall check all dimensions and other data from the job and report any discrepancies to the Architects before proceeding.

No.	Date:	Revision:	D'wn.	Ch'd.
1	APR01-24	ISSUED FOR COORDINATION	S.A.	J.R.
2	APR18-24	ISSUED FOR PERMIT	S.A.	J.R.
3	OCT25-24	RE-ISSUED FOR PERMIT CHANGES AS PER ARCH - CHANGE IN LANDCASPE AREA, BICYCLE PATH, ENTRY POINT, PEDESTRIAN WALKWAY, PLANT SPECIES	S.A.	J.R.
4	APR01-25	RE-ISSUED FOR PERMIT CHANGES AS PER ARCH - CHANGE IN LANDCASPED AREA AND SIDEWALK, SHRUBS QUANTITY, ADDED NOTES AS PER CITY'S COMMENTS.	S.A.	J.R.
5	SEP09-25	RE-ISSUED FOR PERMIT PROPOSED TREE CALIPER CHANGED AS PER REGION COMMENTS, REFER TO REVISION CLOUD.	S.A.	J.R.
6	JULY07-26	ISSUED FOR SPA	S.A.	J.R.

NOTE: A MINIMUM 300 MM TOP SOIL DEPTH TO BE PROVIDED ACCROSS THE ENTIRE SITE (EXCLUDING PAVED SURFACES)

ANY DAMAGE WHICH OCCURS TO THE EXISTING REGIONAL ROAD'S STREETSCAPE TREATMENT ON KEELE STREET DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL OR BETTER CONDITION AT THE OWNER'S EXPENSE.

PLANTING LIST

EVERGREEN TREES

SYMBOL	ABBR.	BOTANICAL NAME	COMMON NAME	HEIGHT	QTY.
	JVS	JUNIPERUS VIRGINIANA	SKY ROCKET JUNIPER	2.50m	1

CONIFEROUS SHRUBS

SYMBOL	ABBR.	BOTANICAL NAME	COMMON NAME	HEIGHT/ SPREAD	QTY.
	JCG	JUNIPERUS CHINENSIS	GOLD COAST JUNIPER	60cm	2
	BMG	BUXUS X 'GREEN MOUNTAIN'	GREEN MOUNTAIN BOXWOOD	60cm	12

DECIDUOUS TREES

SYMBOL	ABBR.	BOTANICAL NAME	COMMON NAME	CALIPER	QTY.
	ACR	ACER REBRUM	COLUMNARE RED MAPLE (NATIVE & POLLINATOR)	50mm	2

DECIDUOUS SHRUBS

SYMBOL	ABBR.	BOTANICAL NAME	COMMON NAME	HEIGHT/ SPREAD	QTY.
	CS	CORNUS SERICEA	RED OSIER DOGWOOD (NATIVE AND POLLINATOR)	80cm	12
	SJ	SOLIDAGO JUNCEC	GOLDENROD, EARLY (NATIVE AND POLLINATOR)	60cm	22

NOTE:
30 cu.m. OF SOIL VOLUME ARE REQUIRED FOR SINGLE TREE PITS AND
20 cu.m. ARE REQUIRED FOR SHARED PLANTING BEDS.

BOULEVARD PLANTING GENERAL NOTES

BOULEVARD TREE PLANTING SPECIFICATIONS
(City of Vaughan, 2007)
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boulevard tree planting details and the Canadian Nursery Trades Association Standards for Nursery Stock manual. Trees, topsoil and planting methods must meet the standards and specifications of the CNTA to be accepted by the City.
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2.1 All topsoil must be screened, fertile, friable, natural loam containing 4% minimum organic matter for clay loams and 2% minimum organic matter for sandy loams. Acidity of topsoil shall

PLAN OF SURVEY
SHOWING TOPOGRAPHICAL INFORMATION OF
PART OF LOT 24
CONCESSION 3
(GEOGRAPHIC TOWNSHIP OF VAUGHAN)
CITY OF VAUGHAN
REGIONAL MUNICIPALITY OF YORK

ELEVATION
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE RELATED TO CITY OF VAUGHAN BENCH MARK No. 105090140 HAVING AN ELEVATION OF 240.744 METERS.

SUBJECT PROPERTY



2 L-1 KEY PLAN
SCALE: N.T.S

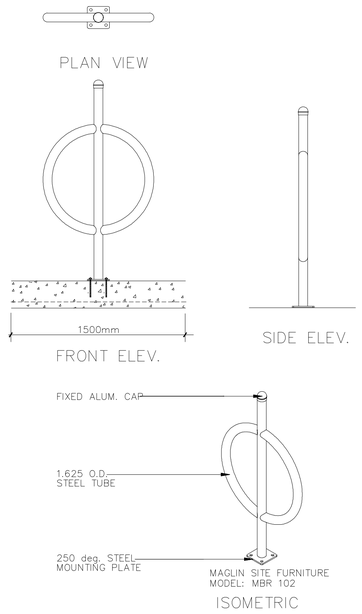
REGION FILE NO.: SP.24.V.0097
CITY FILE NO. : DA.24.032

NORTH

JOHN A. RUSSO
LANDSCAPE ARCHITECT
11 CURTIS COURT
MAPLE, ONT.
L6A-1Y4

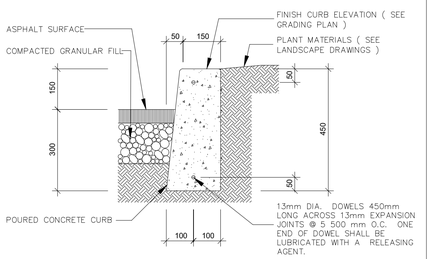
Project:
PROPOSED:
INDUSTRIAL WAREHOUSE ALTERATIONS & ADDITIONS
10533 KEELE STREET, MAPLE
VAUGHAN, ONTARIO

Sheet title: LANDSCAPE LAYOUT PLAN
Job. no. 24-020
Scale: NOTED
Date: MARCH 2024
Drawn: S.A.
Checked: J.R.
D'wg. no. L-1

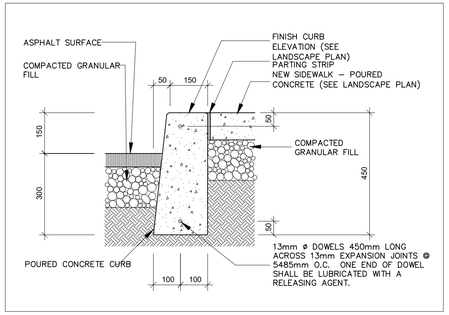


NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER' SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS
3. IMAGES MAY NOT BE EXACTLY AS ILLUSTRATED.

1 L-2 BICYLCE RACK DETAIL
SCALE: N.T.S.

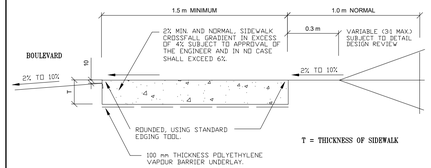


2 L-2 CONCRETE CURB DETAIL
SCALE: 1:10



3 L-2 CONCRETE CURB/SIDEWALK
SCALE: 1:10

SEE PLAN FOR LOCATIONS

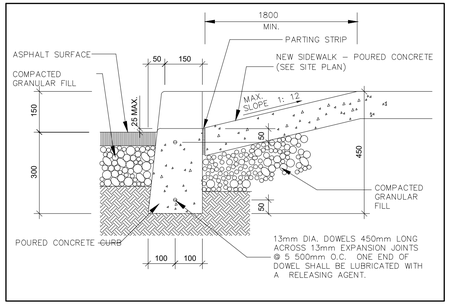


CONCRETE SIDEWALK DETAIL

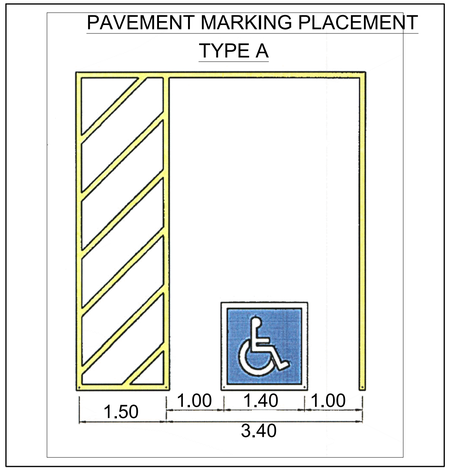
THICKNESS TABLE	
LOCATION OR USE	THICKNESS T (mm)
NORMAL SIDEWALK	100
ACROSS RESIDENTIAL DRIVEWAYS AND OTHER LOCATIONS AS SPECIFIED	150
ACROSS COMMERCIAL AND INDUSTRIAL DRIVEWAYS	200

NOTES:
1. CONCRETE TO BE 25 MPa COMPRESSIVE STRENGTH WITH 6% +-1% PURPOSELY ENTRAINED AIR AND NOT LESS THAN 325 KG/CU M OF CEMENT. MAXIMUM SLUMP SHALL BE 75 MM
2. IMMEDIATELY AFTER FINISHING WITH WOODEN FLOAT, ALL WALKS, CURBS, AND WALLS SHALL BE SPRAYED WITH WHITE PIGMENTED MEMBRANE CURING COMPOUND CONFORMING WITH M.T.C. FORM 1315 AND AS APPROVED BY THE M.T.C.
3. EXPANSION JOINTS SHALL BE LOCATED ADJACENT TO EXISTING STRUCTURES (BUILDINGS WALKS ,HYDRANTS, ETC.) AS DIRECTED BY THE ENGINEER IN THE FIELD. REFER TO STD. NO. 224
4. FOR LOCATION AND DETAIL OF JOINTS SEE STANDARD NO. 223.
5. THE SIDEWALK WIDTH IS SUBJECT TO DESIGN REVIEW, WITH A MIN. WIDTH OF 1.8 M. RECOMMENDED WHERE INSTALLED CURB SIDE ON COLLECTOR AR ARTERIAL ROADS AND 2.4 M ADJACENT TO SCHOOLS, BUS STOPS AND OTHER AREAS OF HIGH PEDESTRIAN MOVEMENT.

4 L-2 CONCRETE SIDEWALK
SCALE: N.T.S.

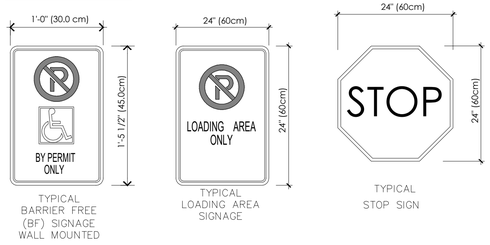


5 L-2 DEPRESSED CONC. CURB
SCALE: 1:10



6 L-2 ACCESSIBLE PARKING TYPE "A"
SCALE: N.T.S.

SIGNAGES:



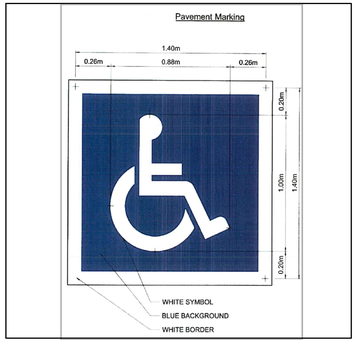
NOTES:

ALL PARKING STALLS FOR PHYSICALLY CHALLENGED PERSONS SHALL BE INDICATED WITH TYPICAL HANDICAPPED SIGNAGE (as shown on this dwg) CENTERED

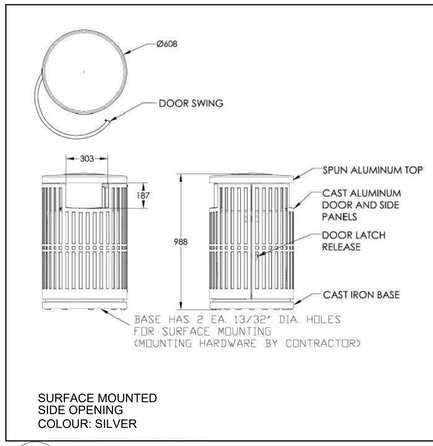
THE SIGN SHALL BE MOUNTED AT A HEIGHT OF 2-3 METRES FROM TOP OF CURB TO BOTTOM OF SIGN.

FIRE ROUTE SIGNS SHALL BE POSTED IN COMPLIANCE WITH THE HIGHWAY TRAFFIC ACT AND/OR THE ONTARIO ALL SIGNS SHALL CONFORM TO THE ONTARIO TRAFFIC MANUAL AND HIGHWAY TRAFFIC ACT.

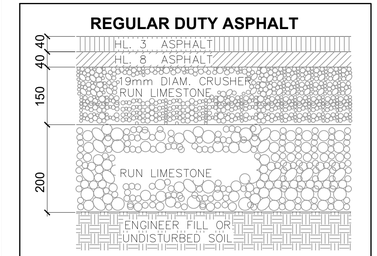
7 L-2 SIGNAGES
SCALE: N.T.S.



8 L-2 ACCESSIBLE PARKING MARKER DETAIL
SCALE: N.T.S.



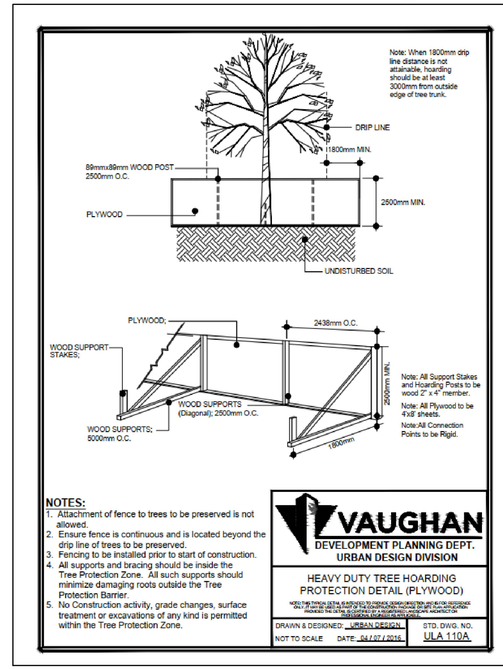
10 L-2 WASTE RECEPTALE DETAIL
SCALE: N.T.S.



GENERAL NOTES:

1. ALL GRANULAR FILL MATERIAL SHALL BE COMPACTED TO 98% S.P.D.
2. TOPSOIL, DEBRIS & LOOSE MATERIALS TO BE REMOVED FROM ALL SUB-BASE MATERIALS.
3. WHERE NEW PAVING ABUTS EXISTING ASPHALT PAVING, MATCH FINISH GRADE AND SLOPE.
4. PROVIDE PAVEMENT MARKINGS, SYMBOLS, DIRECTION ARROWS, AS INDICATED ON PLAN.

11 L-2 ASPHALT DETAILS
SCALE: N.T.S.



NOTES:
1. Attachment of fence to trees to be preserved is not allowed.
2. Ensure fence is continuous and is located beyond the drip line of trees to be preserved.
3. Fencing to be installed prior to start of construction.
4. All supports and bracing should be inside the Tree Protection Zone. All such supports should minimize damaging roots outside the Tree Protection Barrier.
5. No Construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.

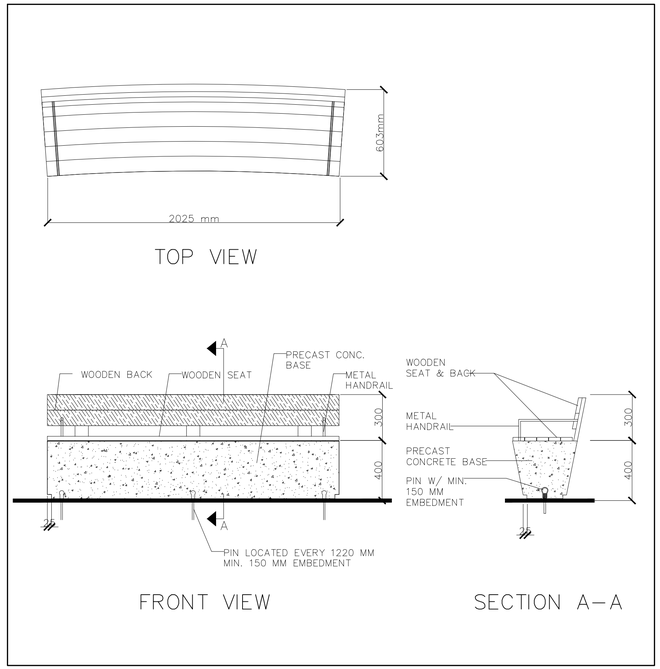
VAUGHAN
DEVELOPMENT PLANNING DEPT.
URBAN DESIGN DIVISION

HEAVY DUTY TREE HOARDING PROTECTION DETAIL (PLYWOOD)

NOTE: THIS TYPICAL DETAIL IS INTENDED TO PROVIDE DESIGN DIRECTION AND ACTION GUIDANCE ONLY. THE CONSULTANT IS RESPONSIBLE FOR PROVIDING A DETAIL THAT MEETS THE SITE SPECIFIC PROBLEMS THE DETAIL IS ATTEMPTING TO ADDRESS. THE CONSULTANT IS RESPONSIBLE FOR ENGINEERING, AND SAFE INSTALLATION PERFORMANCE REGARDING THIS DETAIL.

DRAWN & DESIGNED: URBAN DESIGN | STD. DWG. NO.
NOT TO SCALE | DATE: 04 / 07 / 2016 | ULA 110A

9 L-2 TREE PROTECTION DETAIL
SCALE: N.T.S.



12 L-2 BENCH DETAIL
SCALE: N.T.S.

Contractor must check and verify all dimensions and be res- ponsible for same, reporting any discrepancies to the Engineer before commencing work.
Prints shall not be used for construction until signed 'Approved For Construction' by the Engineer.
Prints are not to be scaled.
All drawings, prints and specifications are the property of the Engineer and shall be returned to him on completion of the work.
All work shall be performed in accordance with the latest edition of the ONTARIO BUILDING CODE, NATIONAL BUILDING CODE and regulatory regulations of the CITY OF VAUGHAN Building Department.
These notes are to be read in conjunction with all drawings and specifications.

The Contractor shall check all dimensions and other data from the job and report any discrepancies to the Architects before proceeding.

No.	Date:	Revision:	D'wn.	Ch'd.
1	APR01-24	ISSUED FOR COORDINATION	N.R.	J.R.
2	APR12-24	ISSUED FOR PERMIT	N.R.	J.R.
3	OCT25-24	RE-ISSUED FOR PERMIT	S.A.	J.R.
4	APR01-25	RE-ISSUED FOR PERMIT ADDED NOTES AS PER CITY'S COMMENTS.	S.A.	J.R.
5	JULY07-26	ISSUED FOR SPA	S.A.	J.R.

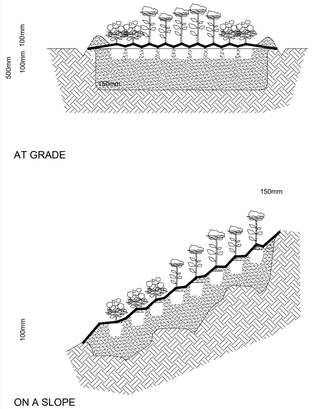
NOTE: ANY DAMAGE WHICH OCCURS TO THE EXISTING REGIONAL ROAD'S STREETSCAPE TREATMENT ON KEELE STREET DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL OR BETTER CONDITION AT THE OWNER'S EXPENSE.

REGION FILE NO.: SP.24.V.0097
CITY FILE NO. : DA.24.032

JOHN A. RUSSO
LANDSCAPE ARCHITECT
11 CURTIS COURT
MAPLE, ONT.
L6A-1Y4

Project:
PROPOSED:
INDUSTRIAL WAREHOUSE ALTERATIONS & ADDITIONS
10533 KEELE STREET, MAPLE
VAUGHAN, ONTARIO

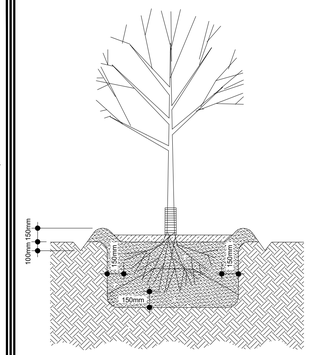
Sheet title: LANDSCAPE PLAN DETAILS
Job. no. 24-020
Scale: NOTED
Date: MARCH 2024
Drawn: S.A.
Checked: J.R.
D'wg. no. L-2



NOTES:
1. Do not allow air pockets when backfilling.
2. Position crown of annual / perennial at finish grade.
3. All dimensions are in millimeters.

ANNUAL AND PERENNIAL PLANTING DETAIL

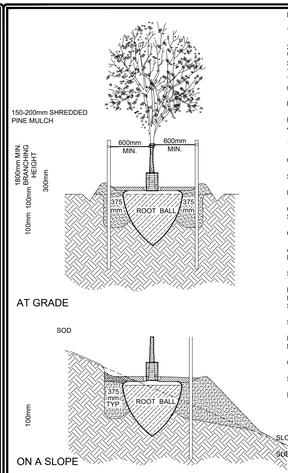
DRAWN & DESIGNED: _____ STD. DWG. NO. _____
NOT TO SCALE DATE: _____



NOTES:
1. Do not allow air pockets when backfilling.
2. Do not damage root system when installing stakes.
3. Position crown of root system 100mm above finish grade.
4. Do corrective pruning to retain natural form of tree as directed by Landscape Architect.
5. For trees planted within planting or shrub beds, delete saucer around base of tree.
6. No tree pits shall be left open overnight.
7. If 1800mm or higher, add single tree stake.

BARE ROOT TREE PLANTING DETAIL FOR TREES 30mm IN CALIPER OR LESS

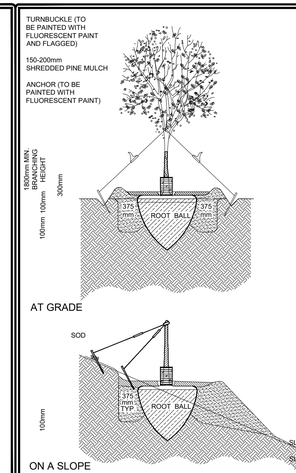
DRAWN & DESIGNED: _____ STD. DWG. NO. _____
NOT TO SCALE DATE: _____



NOTES:
1. Do not allow air pockets when backfilling.
2. Position crown of root ball 50mm above finish grade to allow for settling.
3. Do corrective pruning to retain natural form of tree as directed by Landscape Architect.
4. For trees planted within planting or shrub beds delete saucer around base of tree.
5. All dimensions are in millimetres.
6. No tree pits shall be left open overnight.
7. Stake height shall be a minimum of 5' above finish grade.

DECIDUOUS TREE SPADE DETAIL FOR TREES UNDER 75mm IN CALIPER

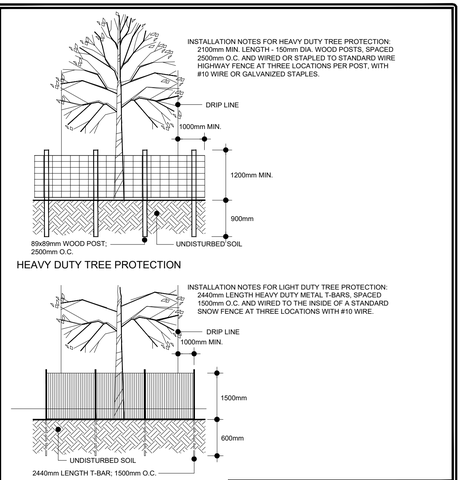
DRAWN & DESIGNED: _____ STD. DWG. NO. _____
NOT TO SCALE DATE: _____



NOTES:
1. Do not allow air pockets when backfilling.
2. Position crown of root ball 50mm above finish grade to allow for settling.
3. Do corrective pruning to retain natural form of tree as directed by Landscape Architect.
4. For trees planted within planting or shrub beds delete saucer around base of tree.
5. All dimensions are in millimetres.
6. No tree pits shall be left open overnight.
7. For trees with root balls larger than 900mm, refer to specifications for tree pit size.

DECIDUOUS TREE SPADE DETAIL FOR TREES OVER 75mm IN CALIPER

DRAWN & DESIGNED: _____ STD. DWG. NO. _____
NOT TO SCALE DATE: _____



HEAVY DUTY TREE PROTECTION

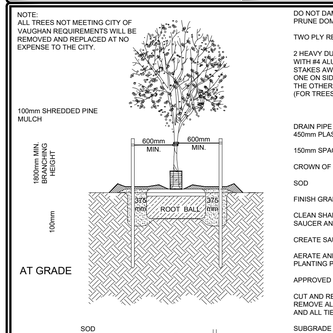
LIGHT DUTY TREE PROTECTION

NOTES:
1. Attachment of fence to trees to be preserved is not allowed.
2. Ensure fence is located beyond the drip line of trees to be preserved.
3. Fencing to be installed prior to start of construction.

TREE PROTECTION CONSTRUCTION FENCING DETAIL

DRAWN & DESIGNED: _____ STD. DWG. NO. _____
NOT TO SCALE DATE: _____

NOTE:
ALL TREES NOT MEETING CITY OF VAUGHAN REQUIREMENTS WILL BE REMOVED AND REPLACED AT NO EXPENSE TO THE CITY.



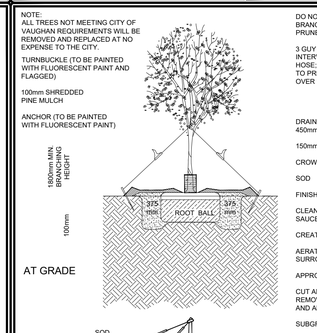
DO NOT DAMAGE OR CUT LEADER BRANCH
PRUNE DOMINANT LATERAL BRANCHES
TWO PLY REINFORCED RUBBER HOSE
2 HEAVY DUTY METAL "T' BARS SECURED WITH #4 ALUMINUM WIRE; LOCATE STAKES AWAY FROM THE TRUNK, ONE ON SIDE OF PREVAILING WIND, THE OTHER AT THE OPPOSITE SIDE (FOR TREES 75mm IN CALIPER OR LESS)
DRAIN PIPE 100mm DIA.; 450mm PLASTIC CORRUGATED
150mm SPACE
CROWN OF ROOT BALL
SOD
FINISH GRADE
CLEAN SHARP EDGE BETWEEN SAUCER AND SOD / SEED
CREATE SAUCER AROUND TREE
AERATE AND SCARIFY SOIL SURROUNDING PLANTING PIT AND BASE OF PIT
APPROVED SOIL MIXTURE
CUT AND REMOVE TOP 1/3 OF BURLAP; REMOVE ALL SIDES OF WIRE BASKET AND ALL TIES
SUBGRADE
EXCAVATE 100mm DEPTH FOR MOUNDING INTO EXISTING SUBSOIL
CREATE SAUCER AROUND TREE
APPROVED SOIL MIXTURE
FINISH GRADE
VARIES WITH SLOPE
SLOPE PIT BOTTOM FOR DRAINAGE
SUBGRADE

NOTES:
1. Position crown of root ball 50mm above finish grade to allow for settling.
2. Do corrective pruning to retain natural form of tree as directed by City Forestry Supervisor.
3. Water all plant material sufficiently to maintain vigorous, healthy growth from time of delivery/ installation until the end of the specified guarantee period.
4. Stake height shall be a minimum of 1.5 metres above finish grade.
5. For trees planted within planting or shrub beds, delete saucer around base of tree.
6. Remove all tree guards/ stakes 12 months after acceptance/ assumption or as specified.
7. No tree pits shall be left open overnight.
8. Do not allow air pockets when backfilling.
9. All dimensions are in millimeters.

DECIDUOUS TREE PLANTING DETAIL FOR TREES UNDER 75mm IN CALIPER

DRAWN & DESIGNED: _____ STD. DWG. NO. _____
NOT TO SCALE DATE: _____

NOTE:
ALL TREES NOT MEETING CITY OF VAUGHAN REQUIREMENTS WILL BE REMOVED AND REPLACED AT NO EXPENSE TO THE CITY.
TURNBUCKLE (TO BE PAINTED WITH FLUORESCENT PAINT AND FLAGGED)
100mm SHREDDED PINE MULCH
ANCHOR (TO BE PAINTED WITH FLUORESCENT PAINT)



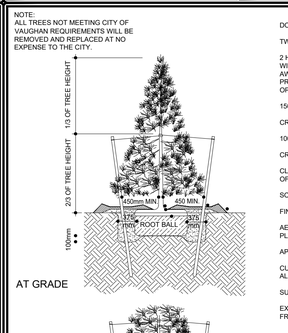
DO NOT DAMAGE OR CUT LEADER BRANCH
PRUNE DOMINANT LATERAL BRANCHES
3 GUY WIRES PER TREE AT 120 DEGREE INTERVALS; WIRE ENCASED IN RUBBER HOSE; LOCATE GUY WIRES ABOVE LIMB TO PREVENT SLIPPING DOWN (FOR TREES OVER 75mm IN CALIPER)
DRAIN PIPE 100mm DIA.; 450mm PLASTIC CORRUGATED
150mm SPACE
CROWN OF ROOT BALL
SOD
FINISH GRADE
CLEAN SHARP EDGE BETWEEN SAUCER AND SOD / SEED
CREATE SAUCER AROUND TREE
AERATE AND SCARIFY SOIL SURROUNDING PLANTING PIT
APPROVED SOIL MIXTURE
CUT AND REMOVE TOP 1/3 OF BURLAP; REMOVE ALL SIDES OF WIRE BASKET AND ALL TIES
SUBGRADE
EXCAVATE 100mm DEPTH FOR MOUNDING INTO EXISTING SUBSOIL
CREATE SAUCER AROUND TREE
APPROVED SOIL MIXTURE
FINISH GRADE
VARIES WITH SLOPE
SLOPE PIT BOTTOM FOR DRAINAGE
SUBGRADE

NOTES:
1. Position crown of root ball 50mm above finish grade to allow for settling.
2. Do corrective pruning to retain natural form of tree as directed by City Forestry Supervisor.
3. Water all plant material sufficiently to maintain vigorous, healthy growth from time of delivery/ installation until the end of the specified guarantee period.
4. Stake height shall be a minimum of 1.5 metres above finish grade.
5. For trees planted within planting or shrub beds, delete saucer around base of tree.
6. Remove all tree guards/ stakes 12 months after acceptance/ assumption or as specified.
7. No tree pits shall be left open overnight.
8. Do not allow air pockets when backfilling.
9. All dimensions are in millimeters.

DECIDUOUS TREE PLANTING DETAIL FOR TREES OVER 75mm IN CALIPER

DRAWN & DESIGNED: _____ STD. DWG. NO. _____
NOT TO SCALE DATE: _____

NOTE:
ALL TREES NOT MEETING CITY OF VAUGHAN REQUIREMENTS WILL BE REMOVED AND REPLACED AT NO EXPENSE TO THE CITY.



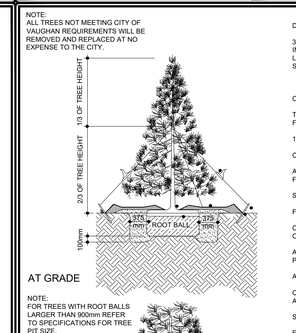
DO NOT DAMAGE OR CUT LEADER BRANCH
TWO PLY REINFORCED RUBBER HOSE
2 HEAVY DUTY METAL "T' BARS SECURED WITH #4 ALUMINUM WIRE; LOCATE STAKES AWAY FROM THE TRUNK, ONE ON SIDE OF PREVAILING WIND, THE OTHER AT THE OPPOSITE SIDE
150mm SPACE
CROWN OF ROOT BALL
100mm SHREDDED PINE MULCH
CREATE SAUCER AROUND TREE
CLEAN SHARP EDGE BETWEEN EDGE OF SAUCER AND SOD / SEED
SOD / SEED
FINISH GRADE
AERATE AND SCARIFY SOIL SURROUNDING PLANTING PIT AND BASE OF PIT
APPROVED SOIL MIXTURE
CUT AND REMOVE 1/3 OF BURLAP; REMOVE ALL SIDES OF WIRE BASKET AND ALL TIES
SUBGRADE
EXCAVATE 100mm DEPTH MOUND FROM EXISTING SUBSOIL
CREATE SAUCER AROUND TREE
FINISH GRADE
APPROVED SOIL MIXTURE
VARIES WITH SLOPE
SUBGRADE
SLOPE PIT BOTTOM FOR DRAINAGE

NOTES:
1. All dimensions are in millimeters.
2. No tree pits shall be left open overnight.
3. Do not allow air pockets when backfilling.
4. Position crown of root ball 50mm above finish grade to allow for settling.
5. Water all plant material sufficiently to maintain vigorous, healthy growth from time of delivery/ installation until the end of the specified guarantee period.
6. For trees planted within planting or shrub beds, delete saucer around base of tree.
7. Remove all tree guards/ stakes 12 months after acceptance/ assumption or as specified.

CONIFEROUS TREE PLANTING DETAIL FOR TREES 1800mm IN HEIGHT OR LESS

DRAWN & DESIGNED: _____ STD. DWG. NO. _____
NOT TO SCALE DATE: _____

NOTE:
ALL TREES NOT MEETING CITY OF VAUGHAN REQUIREMENTS WILL BE REMOVED AND REPLACED AT NO EXPENSE TO THE CITY.

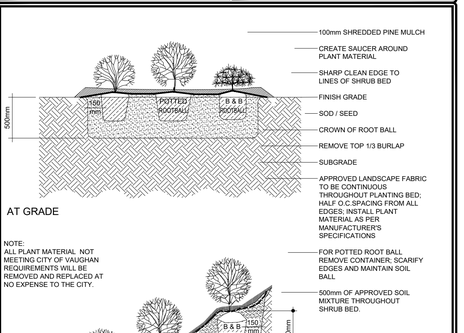


DO NOT DAMAGE OR CUT LEADER BRANCH
3 GUY WIRES PER TREE AT 120 DEGREE INTERVALS; WIRE ENCASED IN RUBBER HOSE; LOCATE GUY WIRE ABOVE LIMB TO PREVENT SLIPPING DOWN
CROWN OF ROOT BALL
TURNBUCKLE (TO BE PAINTED WITH FLUORESCENT PAINT AND FLAGGED)
100mm SHREDDED PINE MULCH
CREATE SAUCER AROUND TREE
ANCHOR (TO BE PAINTED WITH FLUORESCENT PAINT)
SOD / SEED
FINISH GRADE
CLEAN SHARP EDGE BETWEEN EDGE OF SAUCER AND SOD / SEED
AERATE AND SCARIFY SOIL SURROUNDING PLANTING PIT AND BASE OF PIT
APPROVED SOIL MIXTURE
CUT AND REMOVE 1/3 OF BURLAP; REMOVE ALL SIDES OF WIRE BASKET AND ALL TIES
SUBGRADE
EXCAVATE 100mm DEPTH MOUND FROM EXISTING SUBSOIL
CREATE SAUCER AROUND TREE
FINISH GRADE
VARIES WITH SLOPE
APPROVED SOIL MIXTURE
SUBGRADE
SLOPE PIT BOTTOM FOR DRAINAGE

NOTES:
1. All dimensions are in millimeters.
2. No tree pits shall be left open overnight.
3. Do not allow air pockets when backfilling.
4. Position crown of root ball 50mm above finish grade to allow for settling.
5. Water all plant material sufficiently to maintain vigorous, healthy growth from time of delivery/ installation until the end of the specified guarantee period.
6. For trees planted within planting or shrub beds, delete saucer around base of tree.
7. Remove all tree guards/ stakes 12 months after acceptance/ assumption or as specified.

CONIFEROUS TREE PLANTING DETAIL FOR TREES OVER 1800mm IN HEIGHT

DRAWN & DESIGNED: _____ STD. DWG. NO. _____
NOT TO SCALE DATE: _____



NOTES:
1. All dimensions are in millimeters.
2. Do not allow air pockets when backfilling.
3. Position crown of root ball 50mm above finish grade to allow for settling.
4. For bare root planting.
5. Water all plant material sufficiently to maintain vigorous, healthy growth from time of delivery/ installation until the end of the specified guarantee period.

SHRUB PLANTING DETAIL

DRAWN & DESIGNED: _____ STD. DWG. NO. _____
NOT TO SCALE DATE: _____

NOTE: ANY DAMAGE WHICH OCCURS TO THE EXISTING REGIONAL ROAD'S STREETSCAPE TREATMENT ON KEELE STREET DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL OR BETTER CONDITION AT THE OWNER'S EXPENSE.

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME, REPORTING ANY DISCREPANCIES TO THE ENGINEER BEFORE COMMENCING WORK. PRINTS SHALL NOT BE USED FOR CONSTRUCTION UNTIL SIGNED 'APPROVED FOR CONSTRUCTION' BY THE ENGINEER. PRINTS ARE NOT TO BE SCALED. ALL DRAWINGS, PRINTS AND SPECIFICATIONS ARE THE PROPERTY OF THE ENGINEER AND SHALL BE RETURNED TO HIM ON COMPLETION OF THE WORK. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE ONTARIO BUILDING CODE, NATIONAL BUILDING CODE AND REGULATORY REGULATIONS OF CITY OF VAUGHAN BUILDING DEPARTMENT. THESE NOTES ARE TO BE READ IN CONJUNCTION WITH ALL DRAWINGS AND SPECIFICATIONS.

No.	Date:	Revision:	D'wn.	Ch'd.
1.	APR 01–24	ISSUED FOR PERMIT	N.R.	J.R.
2.	APR 12–24	ISSUED FOR PERMIT	N.R.	J.R.
3	OCT25–24	RE–ISSUED FOR PERMIT	S.A.	J.R.
4	APR01–25	RE–ISSUED FOR PERMIT ADDED NOTES AS PER CITY'S COMMENTS.	S.A.	J.R.
5	JULY07–26	ISSUED FOR SPA	S.A.	J.R.

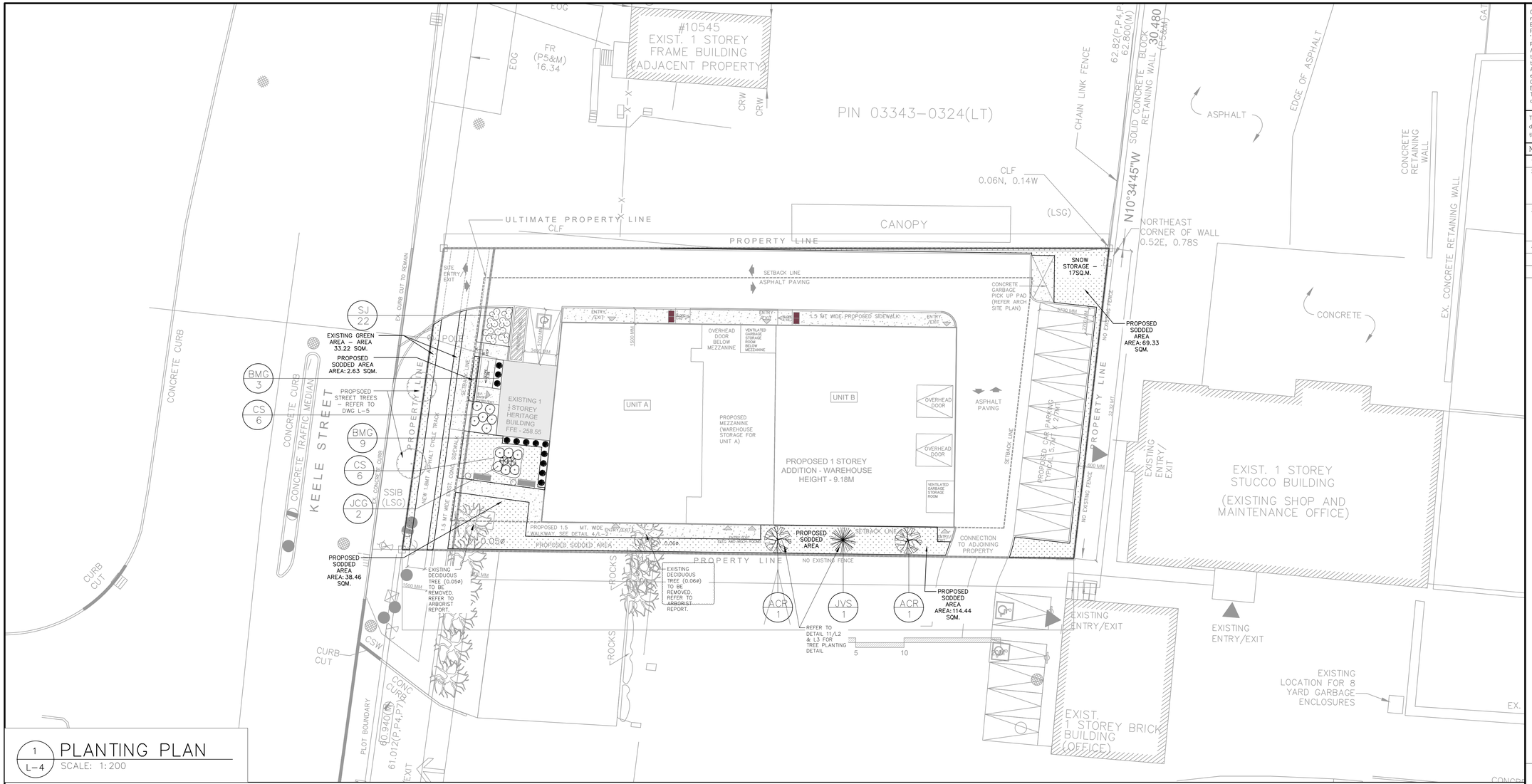
REGION FILE NO.: SP.24.V.0097
CITY FILE NO. : DA.24.032

JOHN A. RUSSO LANDSCAPE ARCHITECT
11 CURTIS COURT
MAPLE, ONT.
L6A-1Y4

Project:
PROPOSED:
INDUSTRIAL WAREHOUSE ALTERATIONS & ADDITIONS
10533 KEELE STREET, MAPLE
VAUGHAN, ONTARIO

Sheet title:
STANDARD LANDSCAPE DETAILS

Scale: NOTED | Date: MARCH 2024 | D'wg. no. L–3
Drawn: N.R. | Checked: J.R.



1 / L-4 PLANTING PLAN
SCALE: 1:200

PLANTING LIST

EVERGREEN TREES

SYMBOL	ABBR.	BOTANICAL NAME	COMMON NAME	HEIGHT	QTY.
	JVS	JUNIPERUS VIRGINIANA	SKY ROCKET JUNIPER	2.50m	1

CONIFEROUS SHRUBS

SYMBOL	ABBR.	BOTANICAL NAME	COMMON NAME	HEIGHT/ SPREAD	QTY.
	JCG	JUNIPERUS CHINENSIS	GOLD COAST JUNIPER	60cm	2
	BMG	BUXUS X 'GREEN MOUNTAIN'	GREEN MOUNTAIN BOXWOOD	60cm	12

DECIDUOUS TREES

SYMBOL	ABBR.	BOTANICAL NAME	COMMON NAME	CALIPER	QTY.
	ACR	ACER REBRUM	COLUMNARE RED MAPLE (NATIVE & POLLINATOR)	50mm	2

DECIDUOUS SHRUBS

SYMBOL	ABBR.	BOTANICAL NAME	COMMON NAME	HEIGHT/ SPREAD	QTY.
	CS	CORNUS SERICEA	RED OSIER DOGWOOD (NATIVE AND POLLINATOR)	80cm	12
	SJ	SOLIDAGO JUNCEC	GOLDENROD, EARLY (NATIVE AND POLLINATOR)	60cm	22

NOTE:
30 cu.m. OF SOIL VOLUME ARE REQUIRED FOR SINGLE TREE PITS AND
20 cu.m. ARE REQUIRED FOR SHARED PLANTING BEDS.

Contractor must check and verify all dimensions and be responsible for same, reporting any discrepancies to the Engineer before commencing work.
Prints shall not be used for construction until signed 'Approved For Construction' by the Engineer.
Prints are not to be scaled.
All drawings, prints and specifications are the property of the Engineer and shall be returned to him on completion of the work.
All work shall be performed in accordance with the latest edition of the ONTARIO BUILDING CODE, NATIONAL BUILDING CODE and regulatory regulations of the CITY OF VAUGHAN Building Department.
These notes are to be read in conjunction with all drawings and specifications.

The Contractor shall check all dimensions and other data from the job and report any discrepancies to the Architects before proceeding.

No.	Date:	Revision:	D'wn.	Ch'd.
1	OCT25-24	ISSUED FOR PERMIT	S.A.	J.R.
2	APR01-25	RE-ISSUED FOR PERMIT CHANGES AS PER ARCH - CHANGE IN LANDASPED AREA AND SIDEWALK, SHRUBS QUANTITY, ADDED NOTES AS PER CITY'S COMMENTS.	S.A.	J.R.
3	SEP09-25	RE-ISSUED FOR PERMIT PROPOSED TREE CALIPER CHANGED AS PER REGION COMMENTS. REFER TO REVISION CLOUD.	S.A.	J.R.
4	JULY07-26	ISSUED FOR SPA	S.A.	J.R.

NOTE: A MINIMUM 300 MM TOP SOIL DEPTH TO BE PROVIDED ACCROSS THE ENTIRE SITE (EXCLUDING PAVED SURFACES)

ANY DAMAGE WHICH OCCURS TO THE EXISTING REGIONAL ROAD'S STREETSCAPE TREATMENT ON KEELE STREET DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL OR BETTER CONDITION AT THE OWNER'S EXPENSE.

PLAN OF SURVEY
SHOWING TOPOGRAPHICAL INFORMATION OF
PART OF LOT 24
CONCESSION 3
(GEOGRAPHIC TOWNSHIP OF VAUGHAN)
CITY OF VAUGHAN
REGIONAL MUNICIPALITY OF YORK

ELEVATION
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE RELATED TO CITY OF VAUGHAN BENCH MARK No. 105090140 HAVING AN ELEVATION OF 240.744 METERS.

SUBJECT PROPERTY



2 / L-4 KEY PLAN
SCALE: N.T.S

REGION FILE NO.: SP.24.V.0097
CITY FILE NO. : DA.24.032

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO — ONLA — SEVERO

NORTH

JOHN A. RUSSO
LANDSCAPE
ARCHITECT
11 CURTIS COURT
MAPLE, ONT.
L6A-1Y4

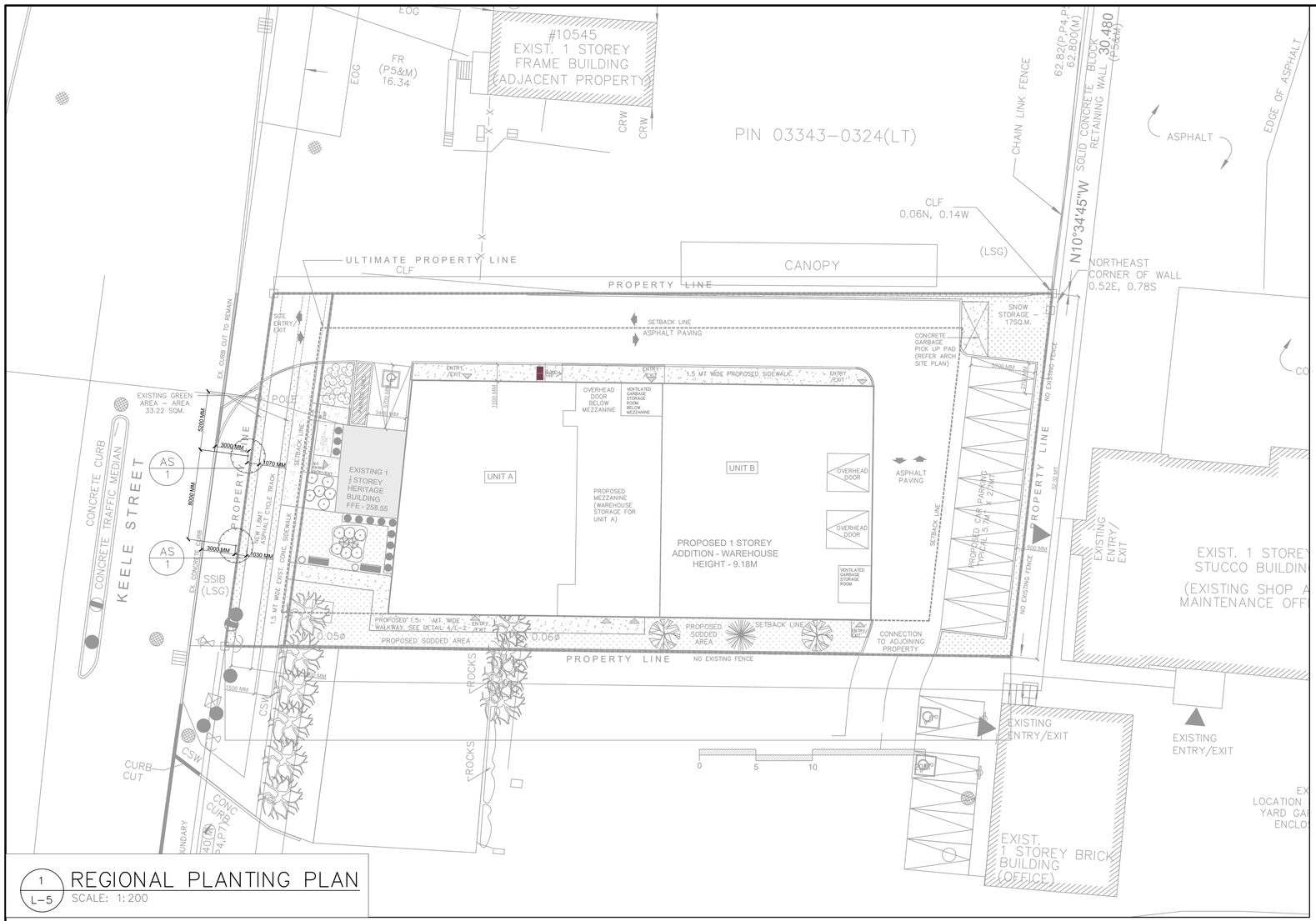
Project:
PROPOSED:
INDUSTRIAL WAREHOUSE
ALTERATIONS & ADDITIONS
10533 KEELE STREET, MAPLE
VAUGHAN, ONTARIO

Sheet title:
LANDSCAPE PLANTING
PLAN AND DETAILS

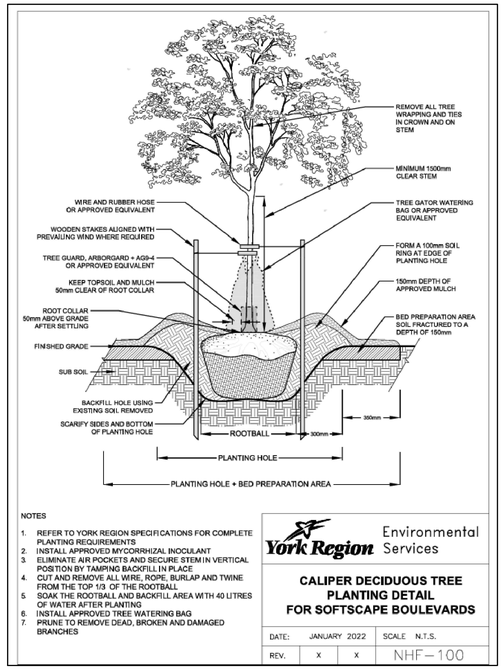
Job. no. 24-020

Scale: NOTED
Date: MARCH 2024
Drawn: S.A.
Checked: J.R.

D'wg. no. L-4



1 L-5 REGIONAL PLANTING PLAN
SCALE: 1:200



NOTES
1. REFER TO YORK REGION SPECIFICATIONS FOR COMPLETE PLANTING REQUIREMENTS
2. INSTALL APPROVED MYCORRHIZAL INOCULANT
3. ELIMINATE AIR POCKETS AND SECURE STEM IN VERTICAL POSITION BY TAMPING BACKFILL IN PLACE
4. CUT AND REMOVE ALL WIRE, ROPE, BURLAP AND TWINE FROM THE TOP 1/3 OF THE ROOTBALL
5. SOAK THE ROOTBALL AND BACKFILL AREA WITH 40 LITRES OF WATER AFTER PLANTING
6. INSTALL APPROVED TREE WATERING BAG
7. PRUNE TO REMOVE DEAD, BROKEN AND DAMAGED BRANCHES

York Region Environmental Services

CALIPER DECIDUOUS TREE PLANTING DETAIL FOR SOFTSCAPE BOULEVARDS

DATE:	JANUARY 2022	SCALE	N.T.S.
REV.	X	X	NHF-100

2 L-5 CALIPER DECIDUOUS TREE PLANTING DETAIL FOR SOFTSCAPE BOULEVARDS
SCALE: N.T.S.

PLANTING LIST
PROPOSED STREET TREES

SYMBOL	ABBR.	BOTANICAL NAME	COMMON NAME	CALIPER	QTY.
⊙	AS	ACER SACCHARINUM	SILVER MAPLE (NATIVE)	50mm	2

NOTE:
30 cu.m. OF SOIL VOLUME ARE REQUIRED FOR SINGLE TREE PITS AND
20 cu.m. ARE REQUIRED FOR SHARED PLANTING BEDS.

REGIONAL LANDSCAPE PLANTING PLAN GENERAL NOTES

Trees planted within the Regional road allowance shall conform to the following requirements:

- All trees shall be planted in accordance with the York Region Street Tree and Horticultural Design Guidelines (Jan. 2022).
- York Region Natural Heritage and Forestry Staff (NHF) shall be provided with 2 weeks notification notified to schedule a site meeting to review planting layout as well as notification at the completion of tree planting. York Region NHF may inspect the trees post planting and annually to ensure that the trees are planted and maintained in accordance with York Region standards. The developer shall be responsible for correcting all identified deficiencies.
- All tree planting shall occur only during the first appropriate planting season immediately following the completion of construction between April 1st and June 30th.
- Trees shall be subject to a two (2) year warranty period. During that time the developer shall warranty the trees against mortality from any biotic and abiotic factor, and/or as a result of incorrect planting or maintenance procedures.
- All trees shall be watered a minimum of fourteen (14) times per year throughout the growing season for the duration of the two year warranty period.
- At the end of the two (2) year warranty all gator bags and stakes are to be removed and the mulch is to be added in accordance with specifications.

PLAN OF SURVEY
SHOWING TOPOGRAPHICAL INFORMATION OF PART OF LOT 24 CONCESSION 3 (GEOGRAPHIC TOWNSHIP OF VAUGHAN) CITY OF VAUGHAN REGIONAL MUNICIPALITY OF YORK

ELEVATION
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE RELATED TO CITY OF VAUGHAN BENCH MARK No. 105090140 HAVING AN ELEVATION OF 240.744 METERS.

SUBJECT PROPERTY



2 L-5 KEY PLAN
SCALE: N.T.S

Contractor must check and verify all dimensions and be res- ponsible for same, reporting any discrepancies to the Engineer before commencing work.
Prints shall not be used for construction until signed 'Approved For Construction' by the Engineer.
Prints are not to be scaled.
All drawings, prints and specifications are the property of the Engineer and shall be returned to him on completion of the work.
All work shall be performed in accordance with the latest edition of the ONTARIO BUILDING CODE, NATIONAL BUILDING CODE and regulatory regulations of the CITY OF VAUGHAN Building Department.
These notes are to be read in conjunction with all drawings and specifications.

The Contractor shall check all dimensions and other data from the job and report any discrepancies to the Architects before proceeding.

No.	Date:	Revision:	D'wn.	Ch'd.
1	APR01-25	ISSUED FOR PERMIT	S.A.	J.R.
2	SEP09-25	RE-ISSUED FOR PERMIT PROPOSED TREE CALIPER CHANGED AS PER REGION COMMENTS, REFER TO REVISION CLOUD.	S.A.	J.R.
5	JULY07-26	ISSUED FOR SPA	S.A.	J.R.

NOTE: A MINIMUM 300 MM TOP SOIL DEPTH TO BE PROVIDED ACCROSS THE ENTIRE SITE (EXCLUDING PAVED SURFACES)

ANY DAMAGE WHICH OCCURS TO THE EXISTING REGIONAL ROAD'S STREETSCAPE TREATMENT ON KEELE STREET DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL OR BETTER CONDITION AT THE OWNER'S EXPENSE.

REGION FILE NO.: SP.24.V.0097
CITY FILE NO. : DA.24.032

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — JOHN A. RUSSO — OALA — MEMBER

NORTH

JOHN A. RUSSO
LANDSCAPE ARCHITECT
11 CURTIS COURT
MAPLE, ONT.
L6A-1Y4

Project:
PROPOSED:
INDUSTRIAL WAREHOUSE ALTERATIONS & ADDITIONS
10533 KEELE STREET, MAPLE
VAUGHAN, ONTARIO

Sheet title:	Job. no.
REGIONAL LANDSCAPE PLANTING PLAN	24-020
Scale: NOTED / Date: APRIL 2025	D'wg. no. L-5
Drawn: S.A. / Checked: J.R.	