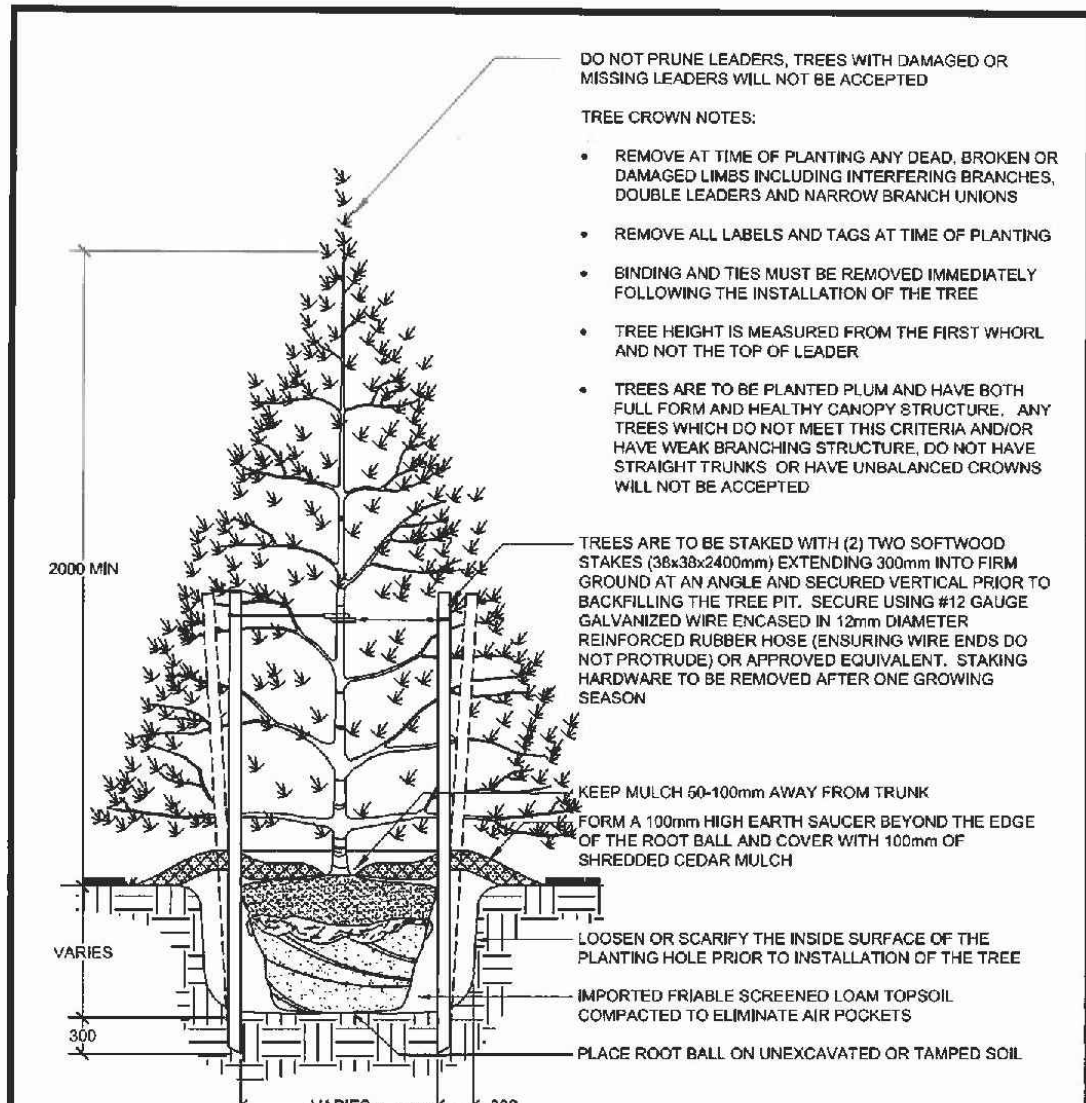


- ALL CALIPER TREE PLANTING SHALL HAVE A MINIMUM 600mm DIAMETER ROOT BALL
- CUT AND REMOVE ALL WIRE, ROPE AND BURLAP FROM THE TOP 150mm OF THE ROOT BALL AT THE TIME OF PLANTING
- FOR POORLY DRAINAGE OR COMPACTED SOILS THE ROOT BALL SHALL BE PLACED SO THAT THE ROOT COLLAR IS A MAXIMUM OF 100mm ABOVE THE FINISHED GRADE. FOR ALL OTHER INSTALLATIONS THE ROOT COLLAR SHALL BE AT OR 50mm ABOVE FINISHED GRADE
- ALL TREES WITHIN 3.0m OF A SIDEWALK OR DRIVEWAY MUST ALSO HAVE A COORDINATED INSTALLATION OF AN APPROVED ROOT BARRIER INSTALLED IN ADDITION TO THE TREE
- ALL TYPING AND BURLAP MUST BE BIODEGRADABLE (UNPAINTED)
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

APPROVED
DATE: June 11/15
BY: [Signature]

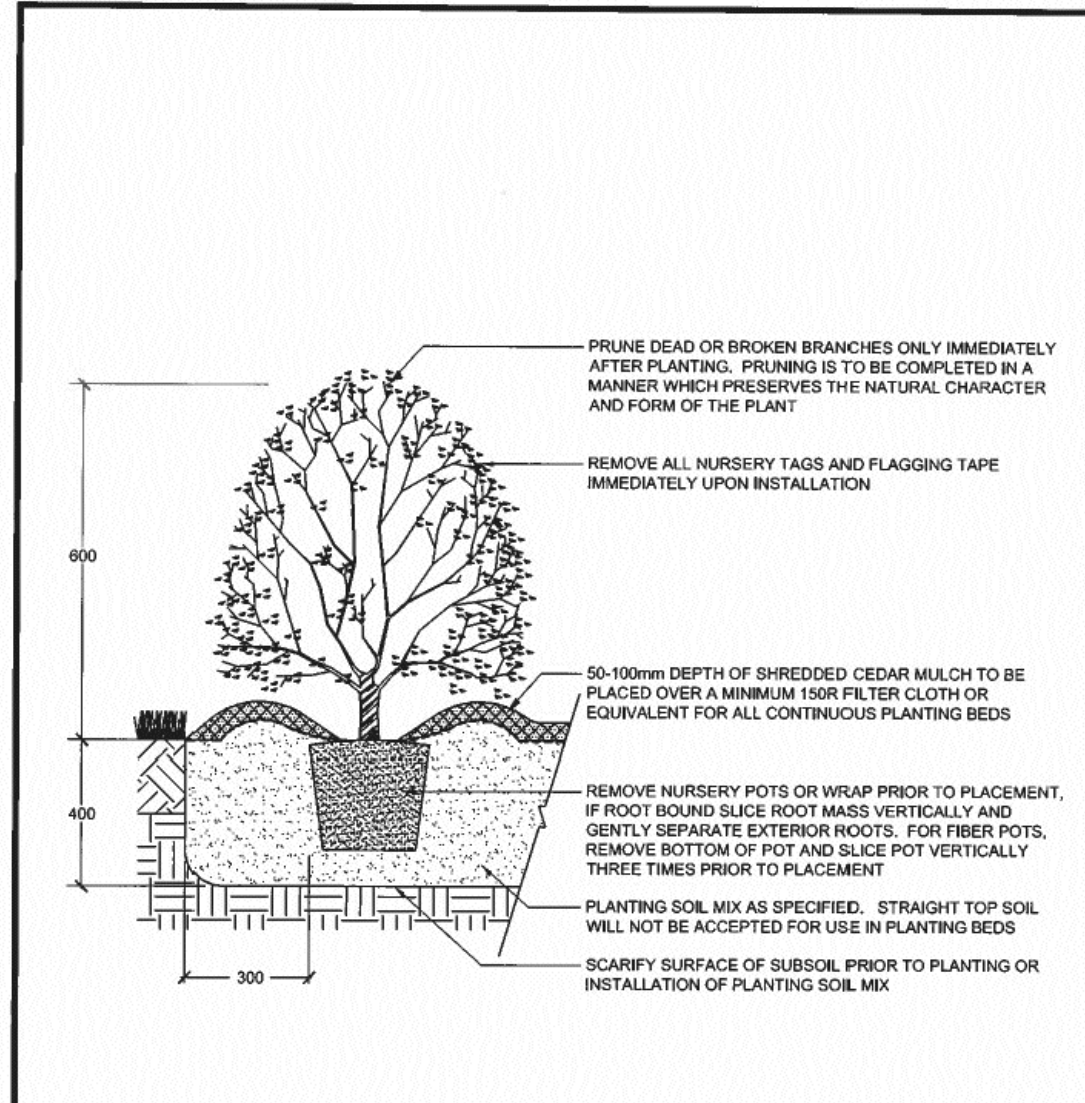
The City of **BARRIE**
STANDARD DETAIL
DECIDUOUS TREE PLANTING DETAIL
REV. No. 4 DATE: JUNE 2015
SCALE: N.T.S.
FORMERLY BSD-29



- ALL CONIFEROUS TREE PLANTING SHALL HAVE A MINIMUM 600mm DIAMETER ROOT BALL
- CUT AND REMOVE ALL WIRE, ROPE AND BURLAP FROM THE TOP 150mm OF THE ROOT BALL AT THE TIME OF PLANTING
- FOR POORLY DRAINAGE OR COMPACTED SOILS THE ROOT BALL SHALL BE PLACED SO THAT THE ROOT COLLAR IS A MAXIMUM OF 100mm ABOVE THE FINISHED GRADE. FOR ALL OTHER INSTALLATIONS THE ROOT COLLAR SHALL BE AT OR 50mm ABOVE FINISHED GRADE
- ALL TYPING AND BURLAP MUST BE BIODEGRADABLE (UNPAINTED)
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

APPROVED
DATE: June 11/15
BY: [Signature]

The City of **BARRIE**
STANDARD DETAIL
CONIFEROUS TREE PLANTING DETAIL
REV. No. 4 DATE: JUNE 2015
SCALE: N.T.S.
FORMERLY BSD-30



- PLANTING METHOD ILLUSTRATED APPLIES TO CONTAINER / POTTED MATERIAL ONLY
- PLANTING DETAIL DOES NOT SPECIFICALLY RELATE TO ANY PARTICULAR SPECIES AND SHALL BE APPLIED TO BOTH DECIDUOUS AND CONIFEROUS POTTED MATERIAL
- SET SHRUBS 50mm HIGHER THAN GRADE TO ALLOW FOR SETTLEMENT
- ALL SHRUB PLANTING IS TO OCCUR IN CONTINUOUS MULCHED PLANTING BEDS WITH WEED CONTROL FILTER FABRIC
- DO NOT COVER THE BASE OF SHRUB WITH MULCH
- ALL SOIL SHALL BE ADEQUATELY COMPACTED TO PREVENT AIR POCKETS AND SETTLEMENT
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

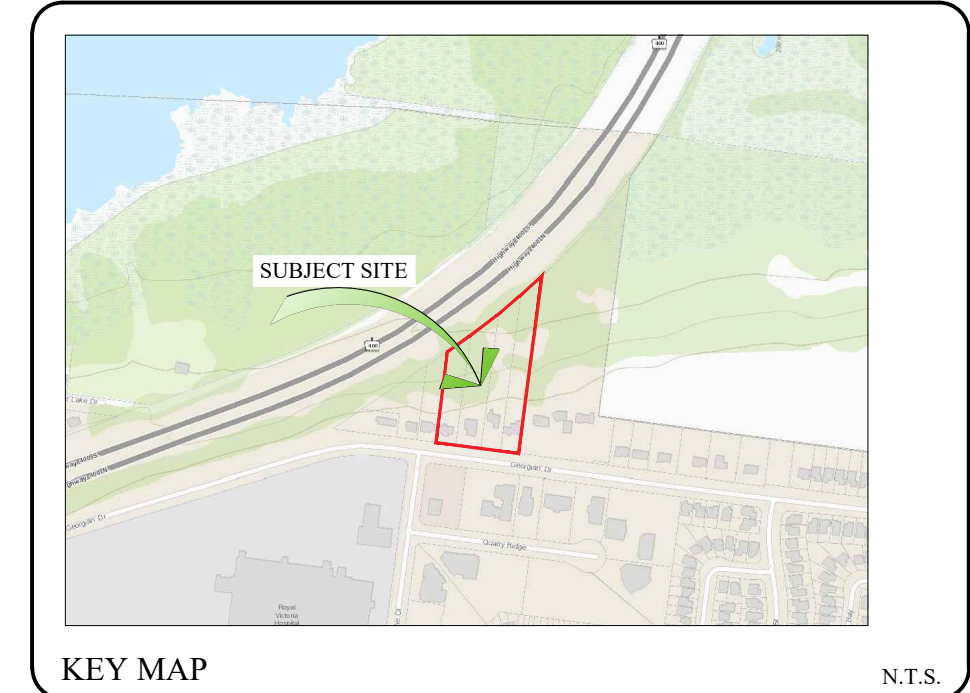
APPROVED
DATE: June 11/15
BY: [Signature]

The City of **BARRIE**
STANDARD DETAIL
CONTAINER GROWN SHRUB PLANTING DETAIL
REV. No. 4 DATE: JUNE 2015
SCALE: N.T.S.
FORMERLY BSD-31

- THE CONTRACTOR SHALL REVIEW ALL INFORMATION IN THE DRAWINGS, DETAILS AND SPECIFICATIONS FOR THIS PROJECT, AND REPORT ANY DISCREPANCY OR SUBSTITUTION TO THE CONTRACT ADMINISTRATOR IN WRITING PRIOR TO COMMENCEMENT OF WORK
- ALL PLANTING MATERIAL AND OPERATIONS TO MEET OR EXCEED THE HORTICULTURAL STANDARDS OF THE CANADIAN NURSERY LANDSCAPE ASSOCIATION AND LANDSCAPE ONTARIO. ALL PLANT MATERIAL TO BE NO.1 GRADE NURSERY STOCK. THE CITY OF BARRIE RESERVES THE RIGHT TO REFUSE ANY UNSATISFACTORY STOCK
- SOD TO BE CANADA NO.1 NURSERY SOD, MEETING THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO STANDARDS. ALL AREAS TO RECEIVE A 200mm DEPTH OF TOPSOIL AND SOIL MIX FOR OTHER AREAS INDICATED. SEE DRAWINGS AND SPECIFICATIONS FOR AREAS TO BE MULCHED OR HYDRO-SEEDED
- CONIFEROUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND DENSELY BRANCHED TO WITHIN 100mm OF THE TOP OF ROOT BALL. HEIGHT OF CONIFEROUS TREES IS DEFINED AS THE DISTANCE BETWEEN THE TOP OF ROOT BALL AND THE FIRST WHORL (NOT LEADER HEIGHT). REFER TO BSD-1312 AND BSD-1313
- 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
- THE CONTRACTOR SHALL STAKE OUT ALL PLANTING LOCATIONS FOR APPROVAL BY THE CONTRACT ADMINISTRATOR, AND/OR CITY STAFF PRIOR TO PLANTING
- FOR ALL LANDSCAPE PLANS, ALL DIMENSIONS ARE TO BE SHOWN IN MILLIMETRES UNLESS OTHERWISE INDICATED
- ALL MASS PLANTINGS OF CONIFERS AND SHRUBS SHALL BE IN CONTINUOUS BEDS AND MULCHED WITH SHREDDED CEDAR OR APPROVED EQUIVALENT
- SCHEDULE AND PERFORM OPERATIONS FOR OPTIMUM PLANTING CONDITIONS, AND TAKE WHATEVER MEASURES NECESSARY TO ENSURE HEALTHY, VIGOROUS GROWTH
- ALL PLANT MATERIAL AND WORKMANSHIP WILL BE INSPECTED AND IS UNDER WARRANTY FOR A MINIMUM OF TWO YEARS FROM THE DATE OF WRITING ACCEPTANCE. ALL PLANT MATERIAL MUST BE A HEALTHY, VIGOROUS GROWING CONDITION SATISFACTORY TO THE CONTRACT ADMINISTRATOR AT THE END OF THE WARRANTY PERIOD, OR TO BE REPLACED AT THE CONTRACTOR'S EXPENSE
- WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN THE TREES IN A HEALTHY CONDITION
- INSTALLATION OF THE PLANT MATERIAL PRIOR TO INSPECTION BY THE CITY OF BARRIE WILL BE THE CONTRACTOR'S RESPONSIBILITY. THE CITY OF BARRIE RESERVES THE RIGHT TO REJECT ANY PLANTS, WHETHER INSTALLED OR NOT, WHICH DO NOT CONFORM TO THE SPECIFICATIONS AND/OR SITE DRAWINGS. REMOVE ALL REJECTED PLANTS FROM THE SITE IMMEDIATELY. DO NOT REMOVE ANY LABELS FROM PLANTS UNTIL THE PLANTS HAVE BEEN INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT
- ALL PLANT MATERIAL WHICH CANNOT BE PLANTED IMMEDIATELY UPON ARRIVAL ON SITE SHALL BE PROPERLY HEELED IN OR WELL PROTECTED WITH SOIL OR SIMILAR MATERIAL TO PREVENT DRYING OUT AND SHALL BE KEPT MOIST UNTIL COMMENCEMENT OF PLANTING
- ALL NEW WORK TO BLEND NEATLY AND SMOOTHLY WITH EXISTING CONDITIONS
- NO GRADING OR SODDING SHALL BE DONE WITHIN THE LIMIT OF PRESERVATION AREAS
- IN THE EVENT OF A DISCREPANCY BETWEEN A PLANT LIST AND DRAWING, THE DRAWING WILL BE ASSUMED TO BE CORRECT

APPROVED
DATE: June 11/15
BY: [Signature]

The City of **BARRIE**
STANDARD DETAIL
GENERAL PARK PLANTING NOTES
REV. No. 1 DATE: JUNE 2015
SCALE: N.T.S.
FORMERLY BSD-08



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 J.D.B. ASSOCIATES LIMITED PRIOR TO THE BEGINNING OF ANY SITE WORKS. IN THE EVENT THAT A DISCREPANCY IN 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	Nov. 19, 2018	MC
2.	SUBMISSION FOR REZONING	Apr. 1, 2019	MC
3.	SUBMISSION FOR SITE PLAN APPROVAL	Oct. 11, 2019	ST
4.	SECOND SUBMISSION	Apr. 9, 2020	MC
5.	RE-ISSUED FOR SUBMISSION	Apr. 15, 2021	MC

PLANTING DETAILS

- SITE CONDITIONS**
- 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
 - FOR ALL AREAS OF DISTURBANCE: NATIVE TOPSOIL IS TO BE STRIPPED, STOCK PILED AND REPLACED TO A MINIMUM DEPTH OF 300mm

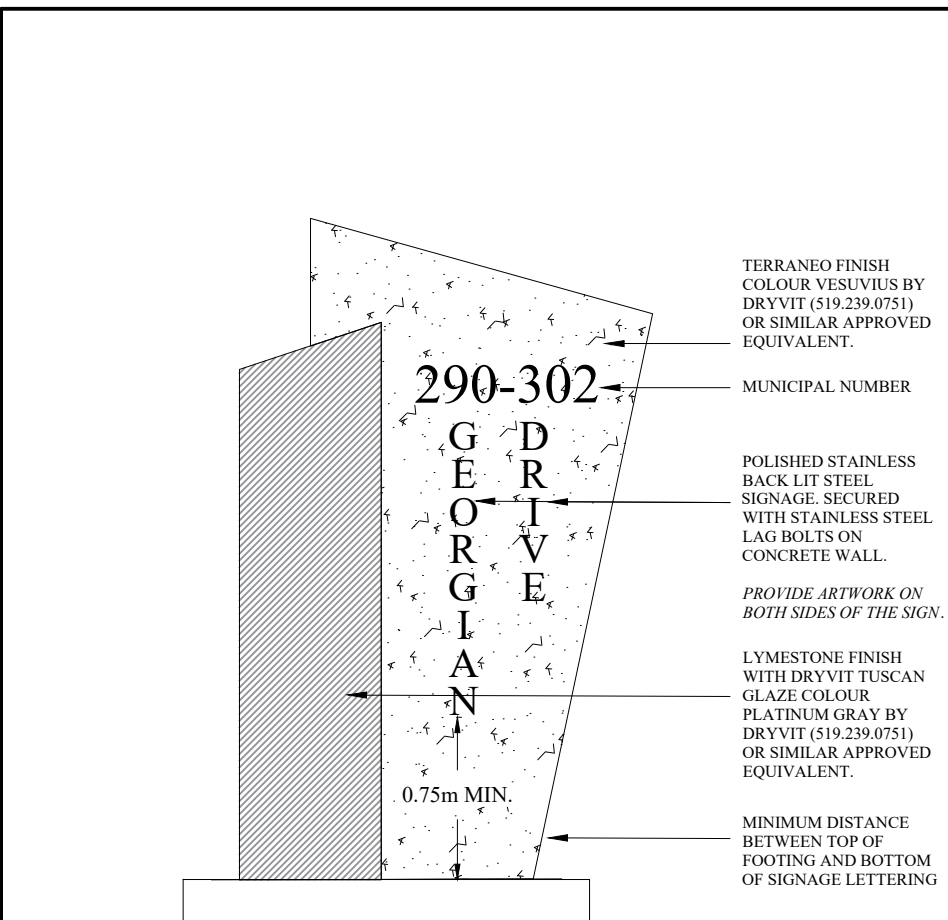
- PLANT MATERIAL REQUIREMENTS**
- PLANT MATERIAL LISTED IN THE PLANT SCHEDULE ARE MINIMUM SIZES - NURSERY GROWN AND UNIFORM SPECIMENS. NO SUBSTITUTIONS WILL BE PERMITTED WITHOUT WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECTS
 - DECIDUOUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND WELL BRANCHED 1.5m ABOVE GRADE UNLESS OTHERWISE STATED
 - CONIFEROUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND DENSELY BRANCHED TO WITHIN 0.3m OF THE GROUND
 - 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
 - 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

- PLANTING NOTES**
- 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
 - ALL PLANT MATERIAL WHICH ARE SPECIFIED BY O.C. (ON CENTER SPACING) ARE TO BE PLANTED AS NOTED IN THE PLANT SCHEDULE
 - IN THE EVENT OF A DISCREPANCY BETWEEN THE PLANT LIST AND DRAWING, THE DRAWING WILL BE ASSUMED TO BE CORRECT
 - ALL MASS PLANTINGS OF SHRUBS SHALL BE IN CONTINUOUS BEDS AND MULCHED AS SPECIFIED
 - 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)
 - ALL TREES ARE TO BE STAKED OR GUY WIRED ACCORDING TO DETAILS PROVIDED. NO ACCESSIBLE OPEN HOLE TREE PITS SHALL BE PERMITTED OVERNIGHT
 - REMOVE BURLAP AND ROPE FROM THE TOP 1/3 OF ROOT BALLS
 - WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN THE TREES IN A HEALTHY CONDITION
 - 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 COMMENCEMENT OF PLANTING
 - NO ACCESSIBLE OPEN HOLE TREE PITS SHALL BE PERMITTED OVERNIGHT. ALL OPEN PITS SHALL BE ADEQUATELY PROTECTED BY INNSIFLRS OR FILLED IN WITH SOIL PRIOR TO THE END OF EACH PLANTING DAY
 - 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 SCHEDULE FOLLOW UP INSTALLATIONS
 - 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 A HEALTHY, VIGOROUS GROWING CONDITION SATISFACTORY TO THE CONTRACT ADMINISTRATOR AT THE END OF THE WARRANTY PERIOD OR BE REPLACED AT THE CONTRACTOR'S EXPENSE
 - FINAL ACCEPTANCE OF THE PROJECT WILL BE CARRIED OUT UPON COMPLETION OF ALL WORK INCLUDED IN THE CONTRACT

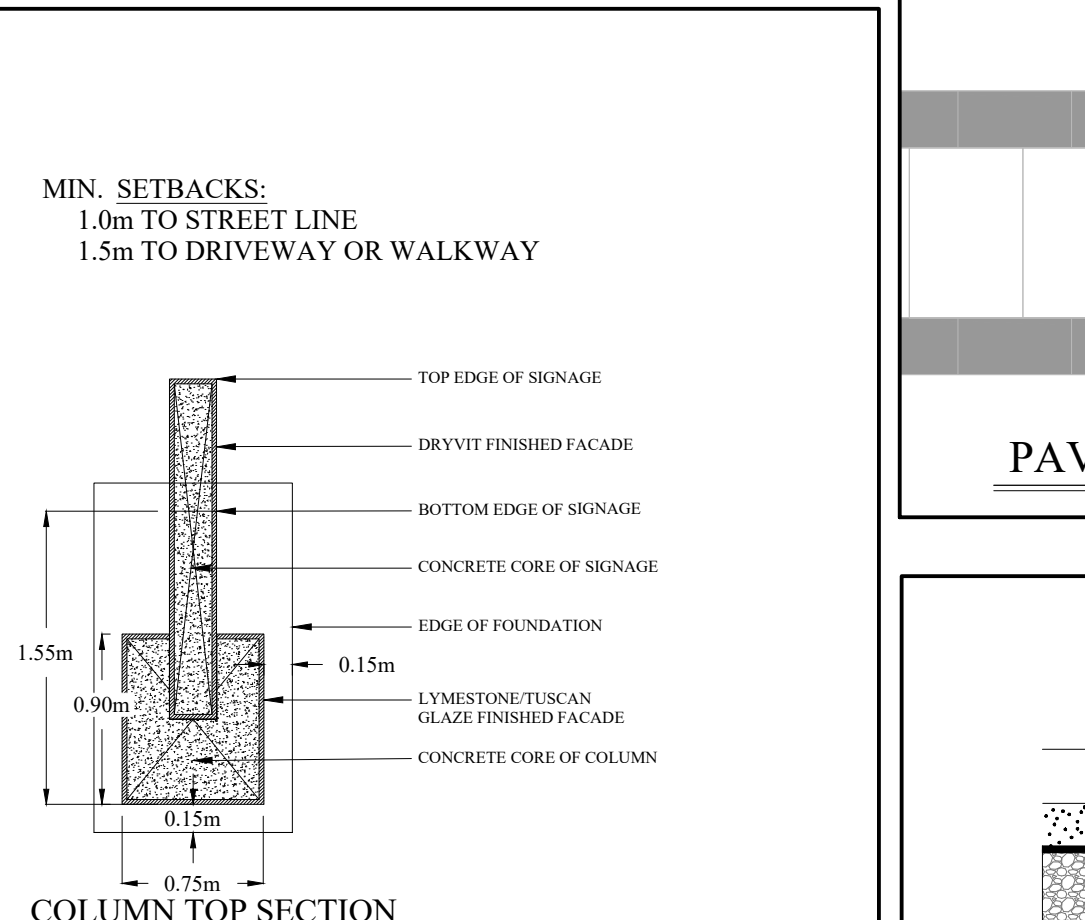
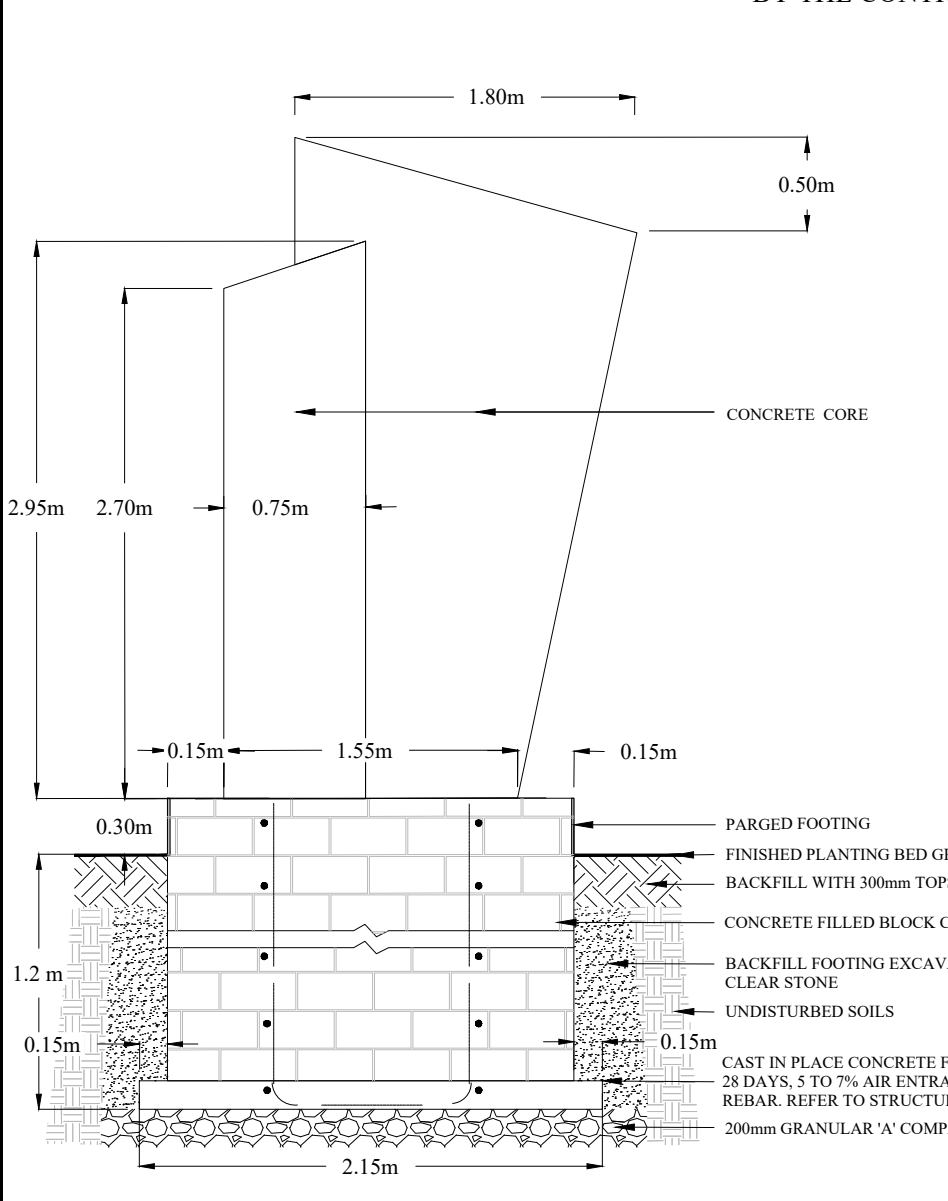
- TOPSOIL REQUIREMENTS**
- PROVIDE MINIMUM SOIL VOLUME PER TREE AT 0.45m DEPTH FOR STREET TREES (OR ABOVE UTILITIES) AND MAX. 0.9m IN OTHER AREAS:
 - 18 m³ FOR LARGE TREES
 - 12 m³ FOR SMALL TREES
 - PREPARED SOIL MIXTURE FOR EACH TREE PITS AND SHRUBS SHALL CONSIST OF HIGH QUALITY SOIL:
 - SIX PARTS OF SANDY 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 SANDY 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
 - TOPSOIL QUALITY SHALL BE TESTED BY AN INDEPENDENT LABORATORY PRIOR TO INSTALLATION

PLANTING NOTES THIS NOTES SHALL BE READ IN CONJUNCTION WITH BSD-1320 ON THIS PAGE



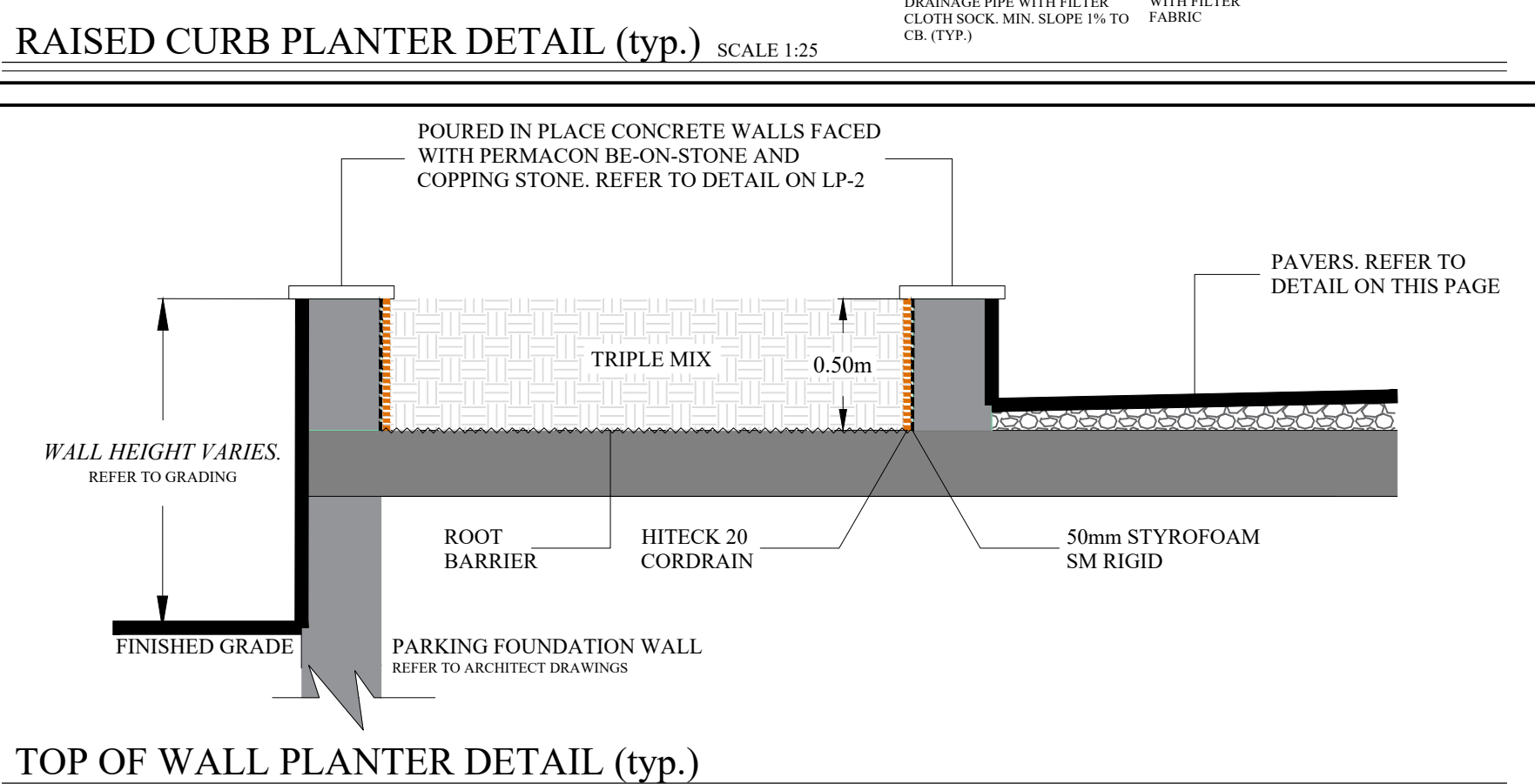
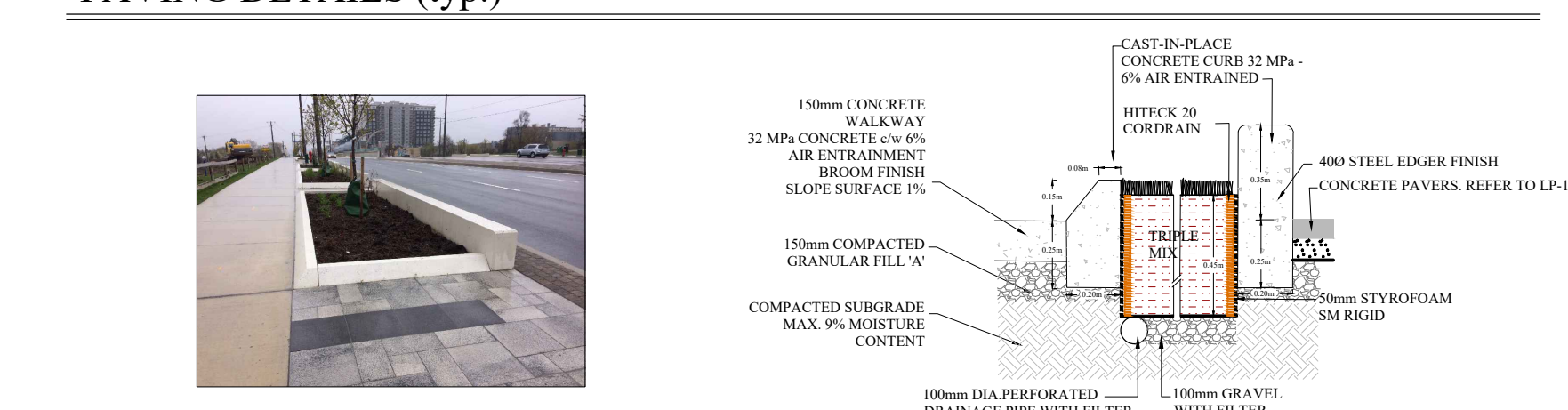
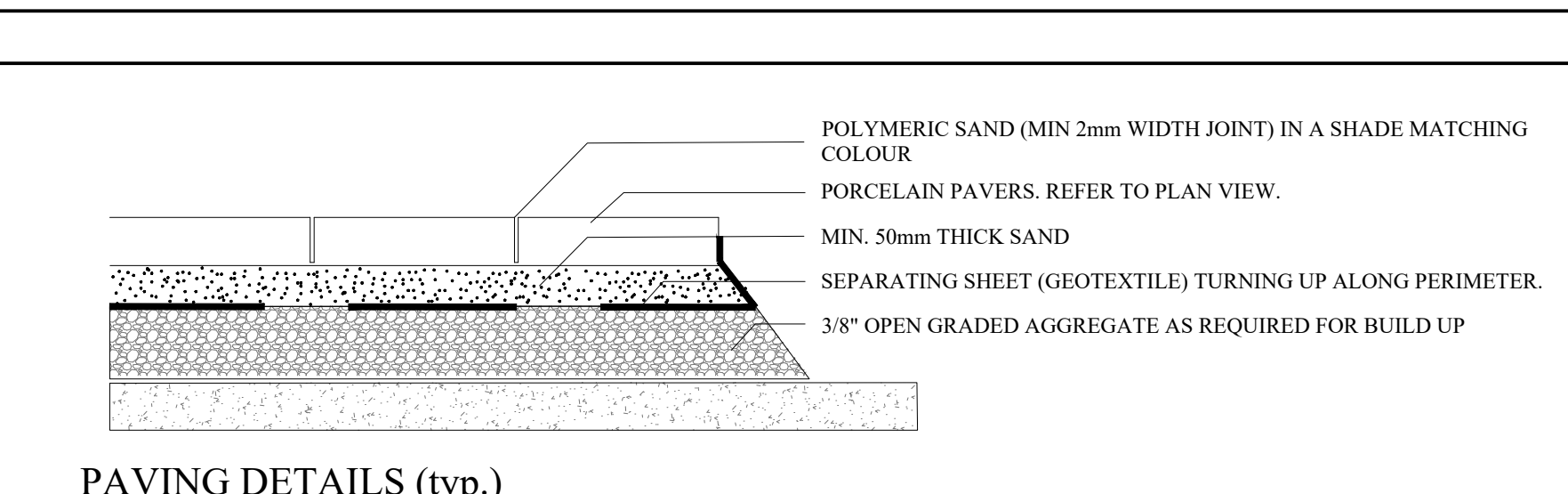
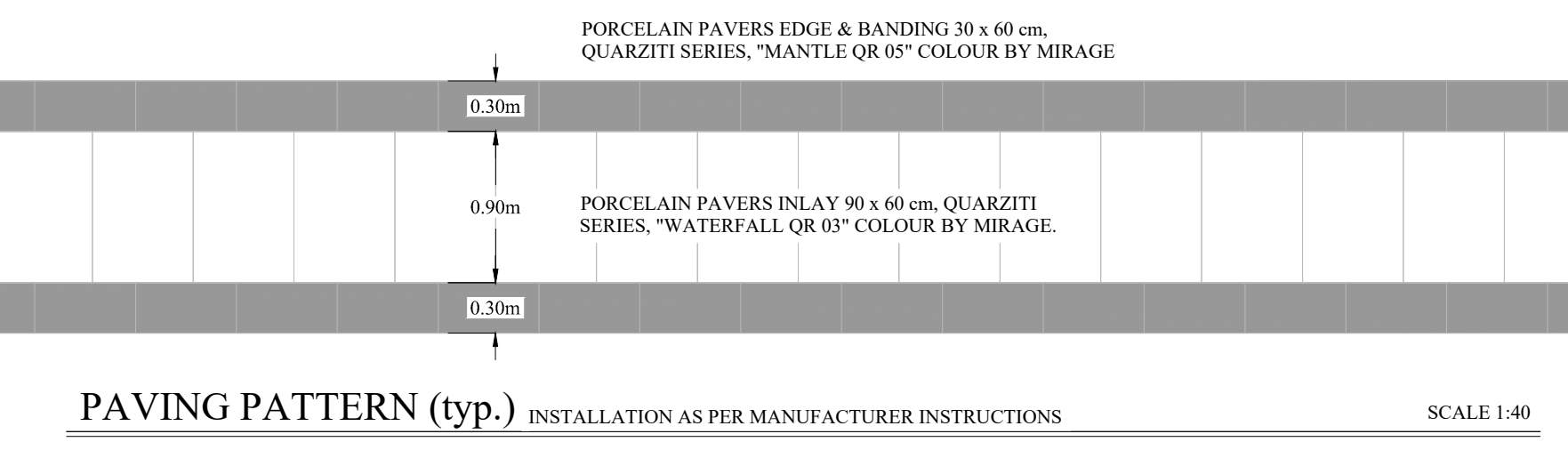
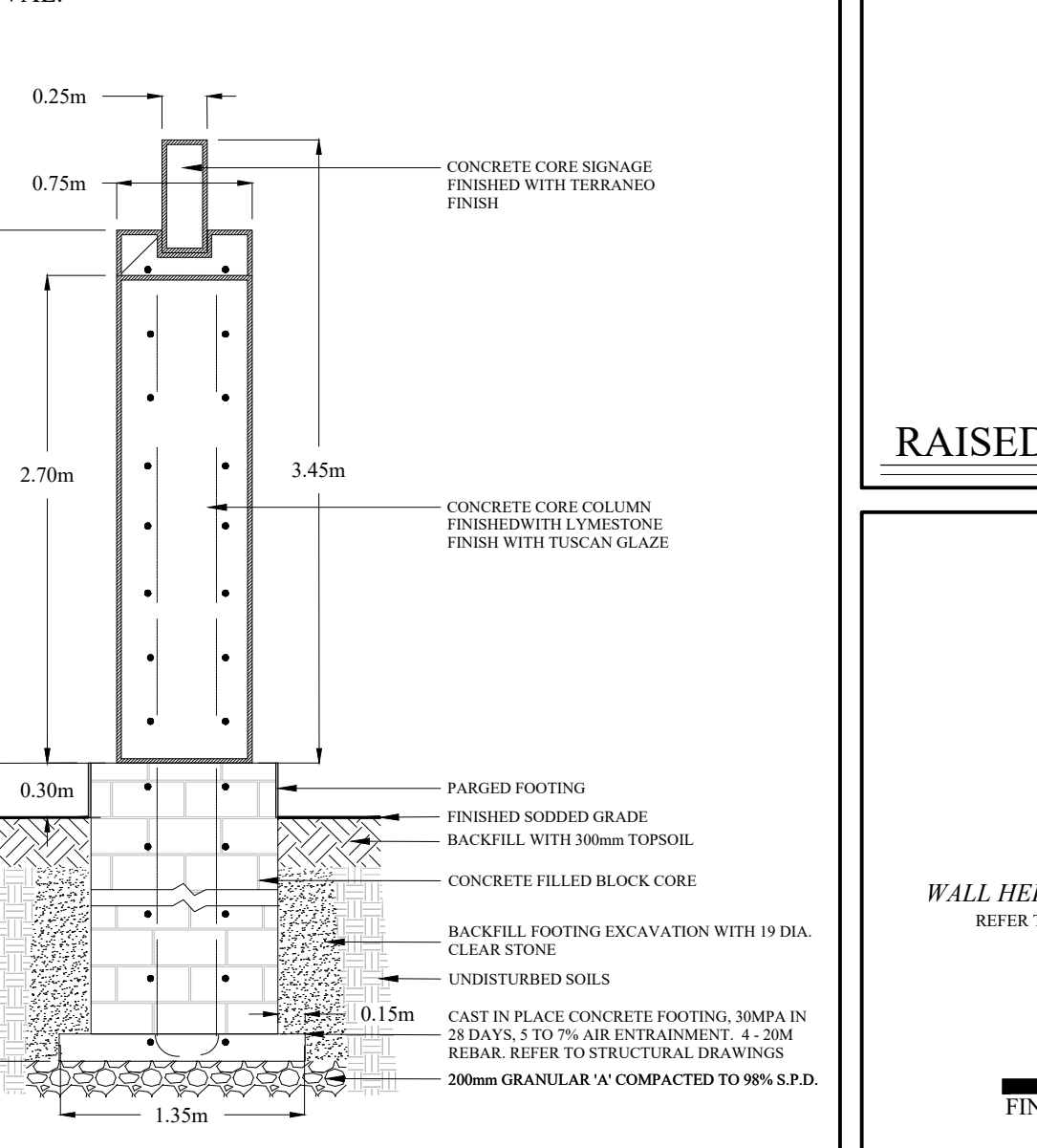
NOTE:
ALL JOINTS TO BE SEALED WITH CLEAR WATERPROOF ADHESIVE

SHOP DRAWING TO BE SUPPLIED TO THE LANDSCAPE ARCHITECT BY THE CONTRACTOR FOR FINAL APPROVAL



NOTE:
ALL JOINTS TO BE SEALED WITH CLEAR WATERPROOF ADHESIVE

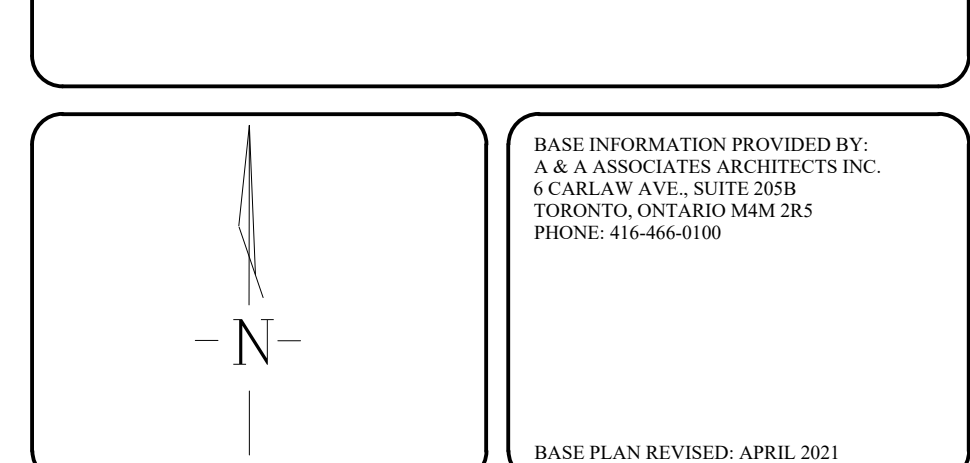
SHOP DRAWING TO BE SUPPLIED TO THE LANDSCAPE ARCHITECT BY THE CONTRACTOR FOR FINAL APPROVAL



ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF JDB ASSOCIATES LIMITED. DRAWINGS ARE NOT TO BE MODIFIED AND/OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF JDB ASSOCIATES LIMITED. REPRODUCTION OF DRAWINGS IN ANY FORM WITHOUT THE CONSENT OF JDB ASSOCIATES LIMITED VIOLATES THE DRAWING AT WHICH TIME JDB ASSOCIATES LIMITED ACCEPTS NO LIABILITY FOR THE DRAWING CONTENT OR WORKS RESULTING FROM SAID REPRODUCTION. DRAWINGS MAY BE REPRODUCED BY MUNICIPAL AND GOVERNMENT AGENCIES RESPONSIBLE FOR APPROVALS FOR THEIR OWN USE. JDB ASSOCIATES RESERVES THE RIGHT TO WITHDRAW ANY DRAWINGS FROM GOVERNMENT OR MUNICIPAL AGENCIES WHETHER APPROVED OR NOT IN THE EVENT THAT ACCOUNTS ARE NOT SETTLED OR REMAIN OUTSTANDING.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS ON THE SITE AND REPORT ANY DISCREPANCIES OR VARIATIONS FROM THE SUPPLIED INFORMATION TO THE LANDSCAPE ARCHITECT WITH THE PROJECT. JDB ASSOCIATES LIMITED IS NOT RESPONSIBLE FOR THE ACCURACY OF SURVEY, ARCHITECTURAL, MECHANICAL, ENGINEERING OR ELECTRICAL INFORMATION SHOWN ON THE DRAWING. FOR FURTHER INFORMATION REFER TO APPROPRIATE SURVEY, ARCHITECTURAL, MECHANICAL, ENGINEERING OR ELECTRICAL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORKS.

THIS DRAWING IS NOT TO BE SCALED.



ACCEPTED BY: [Signature]

DATE: _____

LANDSCAPE ARCHITECTS STAMP
JDB ASSOCIATES LIMITED

JDB ASSOCIATES LTD.

Urban Designers
Landscape Architects
Arborsit

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

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

THE GEORGIAN APARTMENTS

290, 294, 298, & 302
Georgian Drive,
City of Barrie

LANDSCAPING DETAILS

SCALE:	DATE:	DESIGNED BY:	REVIEWED BY:
AS SHOWN	April 2021	ST.M.C.	NB
CITY FILE No.	OUR FILE REF. #	DRAWN BY:	
	191A-18	ST.M.C.	LP-4