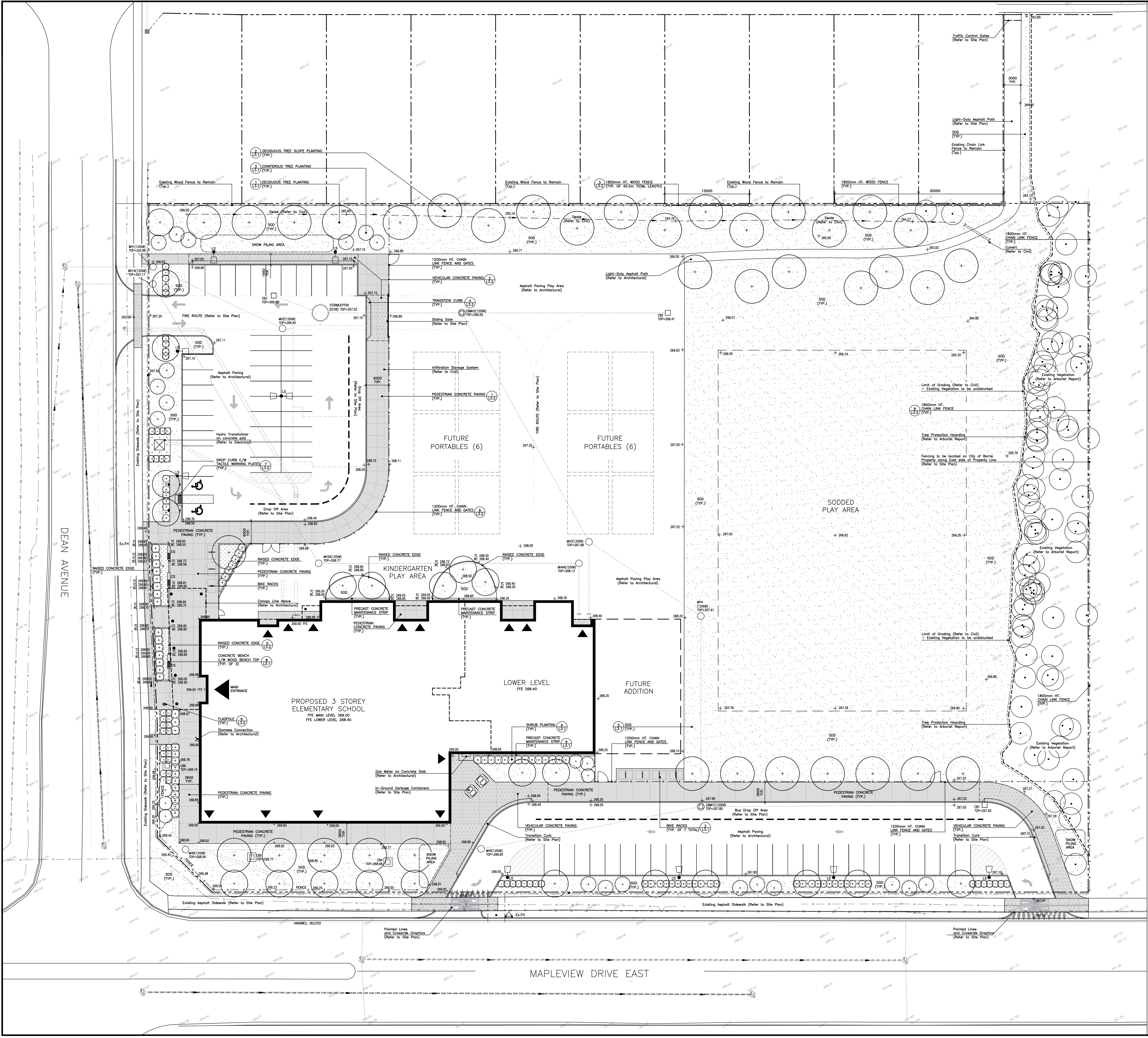
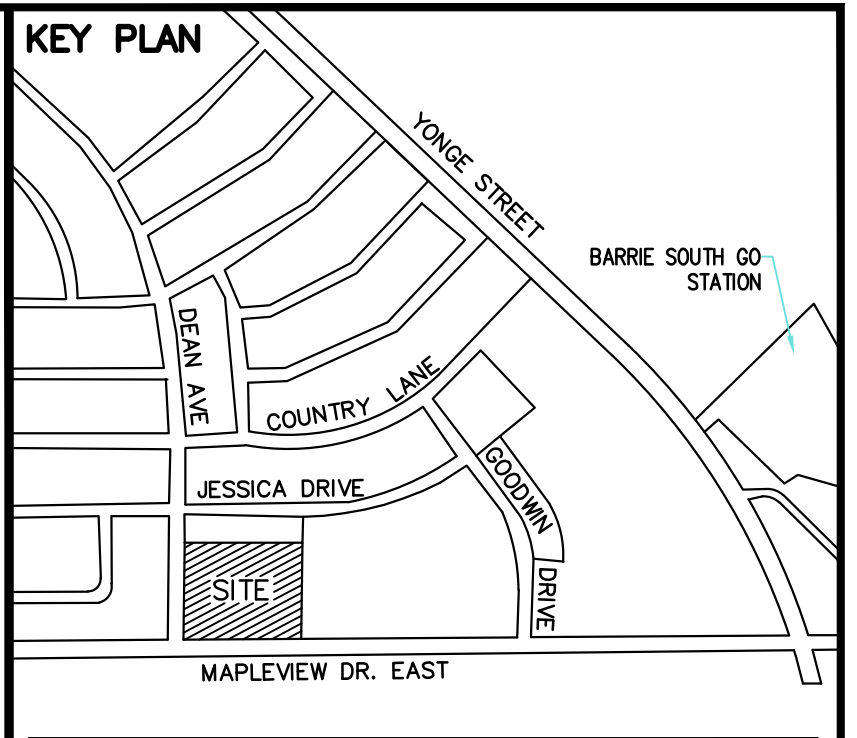




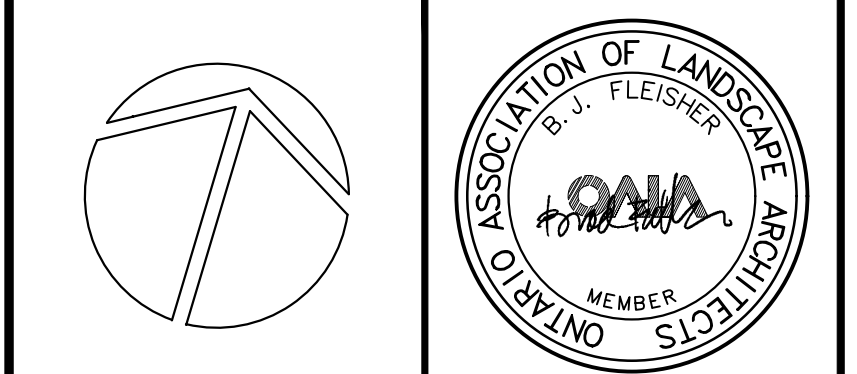
LEGEND

- EXISTING TREE TO REMAIN
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUBS
- PEDESTRIAN CONCRETE PAVING
- VEHICULAR CONCRETE PAVING
- GROUND COVER PLANTINGS
- SOD
- CONCRETE BENCH C/W WOOD BENCH TOP
- BIKE RACK
- LIGHT STANDARD
- PLANTING EDGE
- 1200mm HT. CHAIN LINK FENCE
- 1800mm HT. WOOD PRIVACY FENCE
- Existing Wood Fence
- PROPERTY LINE
- TREE PROTECTION HOARDING
- Existing Fire Hydrant
- Existing Grade Elevation
- WASTE RECEPTACLE
- HYDRO LINE
- STORMWATER LINE
- SANITARY LINE
- GAS LINE
- WATER LINE

- GENERAL NOTES**
- EXISTING CONDITIONS PLAN OF SURVEY BY RUDY MAK SURVEYING LIMITED, GURKT MARANT, ONTARIO LAND SURVEYOR DATED FEBRUARY 20, 2024.
 - ALL CONSTRUCTION HOARDING AND TREE PROTECTION TO BE INSTALLED PRIOR TO START OF OPERATIONS.
 - CONTRACTOR TO VERIFY ALL SITE CONDITIONS AND REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
 - LAYOUT ALL WORK FOR INSPECTION AND APPROVAL BY CONSULTANT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - CONTRACTOR RESPONSIBLE FOR ANY AND ALL UNDERGROUND UTILITIES.
 - CONTRACTOR TO LAY OUT ALL SITE FURNISHINGS FOR LANDSCAPE ARCHITECT / OWNER REVIEW AND FINAL FIELD ADJUSTMENT PRIOR TO CONTRACTOR AFFIXING SITE FURNISHINGS TO HARD SURFACES.
 - CONTRACTOR TO ENSURE POSITIVE DRAINAGE FROM ALL STRUCTURES.
 - CONTRACTOR TO MAKE GOOD ALL DAMAGE TO ANY EXISTING OR ADJACENT CONDITIONS/ STRUCTURES DURING CONSTRUCTION TO THE SATISFACTION AND ACCEPTANCE OF THE CONSULTANT.



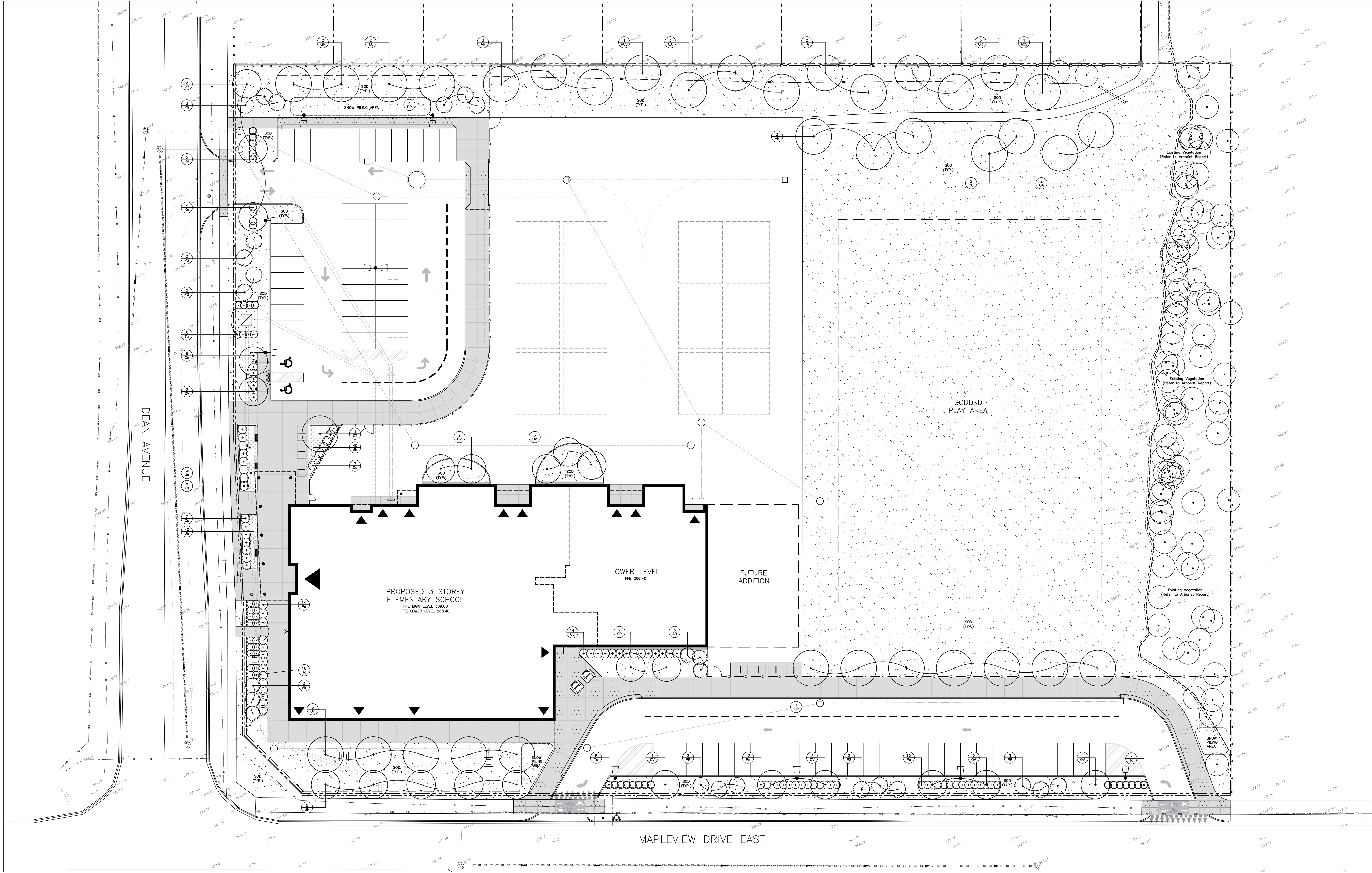
ISSUE	DATE	REMARKS
4	November 14, 2024	Issued for 2nd SPA Submission
3	November 1, 2024	Issued for 80% Review
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1	June 28, 2024	Issued for 50% Review



Project Name: **BARRIE SOUTHEAST ELEMENTARY SCHOOL**
210 DEAN AVE. BARRIE, ONTARIO

Drawing Title: **LANDSCAPE PLAN**

Drawn: JB	Design: BF	Date: JUNE 2024
Checked: BF	Apprvd: BF	Scale: 1:250
FRP Project No: 241556		Dwg. No.: L1.1



PLANT LIST

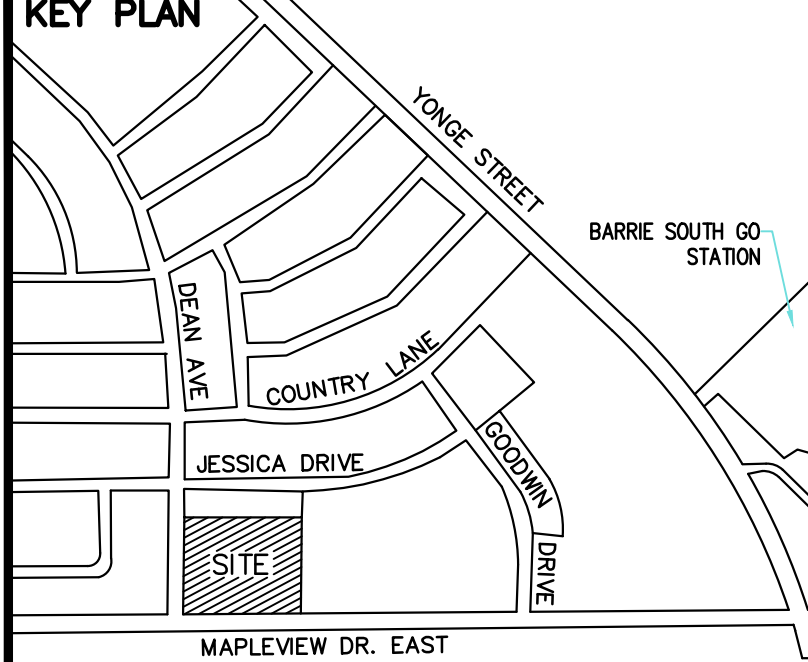
SYMBOL	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	CONDITION
TREES					
AB	Abies balsamea	Balsam Fir	6	2.0m HT.	W.B.
ACS	Acer saccharinum	Silver Maple	2	60mm	B.B.
AR	Acer rubrum	Red Maple	6	60mm	B.B.
CO	Celtis occidentalis	Common Hackberry	2	60mm	B.B.
GT	Gleditsia triacanthos 'Shademaster'	Shademaster Honey Locust	6	60mm	B.B.
OV	Ostrya virginiana	Ironwood	13	60mm	B.B.
PG	Picea glauca	White Spruce	5	2.0m HT.	W.B.
PP	Picea pungens var. glauca	Colorado Blue Spruce	9	2.0m HT.	W.B.
PS	Pinus strobus	White Pine	5	2.0m HT.	W.B.
QA	Quercus alba	White Oak	5	60mm	B.B.
QR	Quercus rubra	Red Oak	12	60mm	B.B.
SR	Syringa reticulata 'Ivory Silk'	Ivory Silk Lilac	10	60mm	B.B.
TA	Tilia americana	Basswood	4	60mm	B.B.
SHRUBS					
Ca	Ceanothus americanus	New Jersey Tea	21	5 gal.	potted
Cs	Comus sericea 'Arctic Fire'	Arctic Fire Dogwood	21	5 gal.	potted
Jh	Juniperus horizontalis 'Blue Chip'	Blue Chip Creeping Juniper	140	3 gal.	potted
Po	Physocarpus opulifolius	Common Ninebark	38	5 gal.	potted
Ra	Rhus aromatica 'Gro-Lo'	Gro Lo Sumac	9	5 gal.	potted
To	Thuja occidentalis 'Woodwardii'	Woodwardii Cedar	41	5 gal.	potted

PLANTING DENSITIES CHART

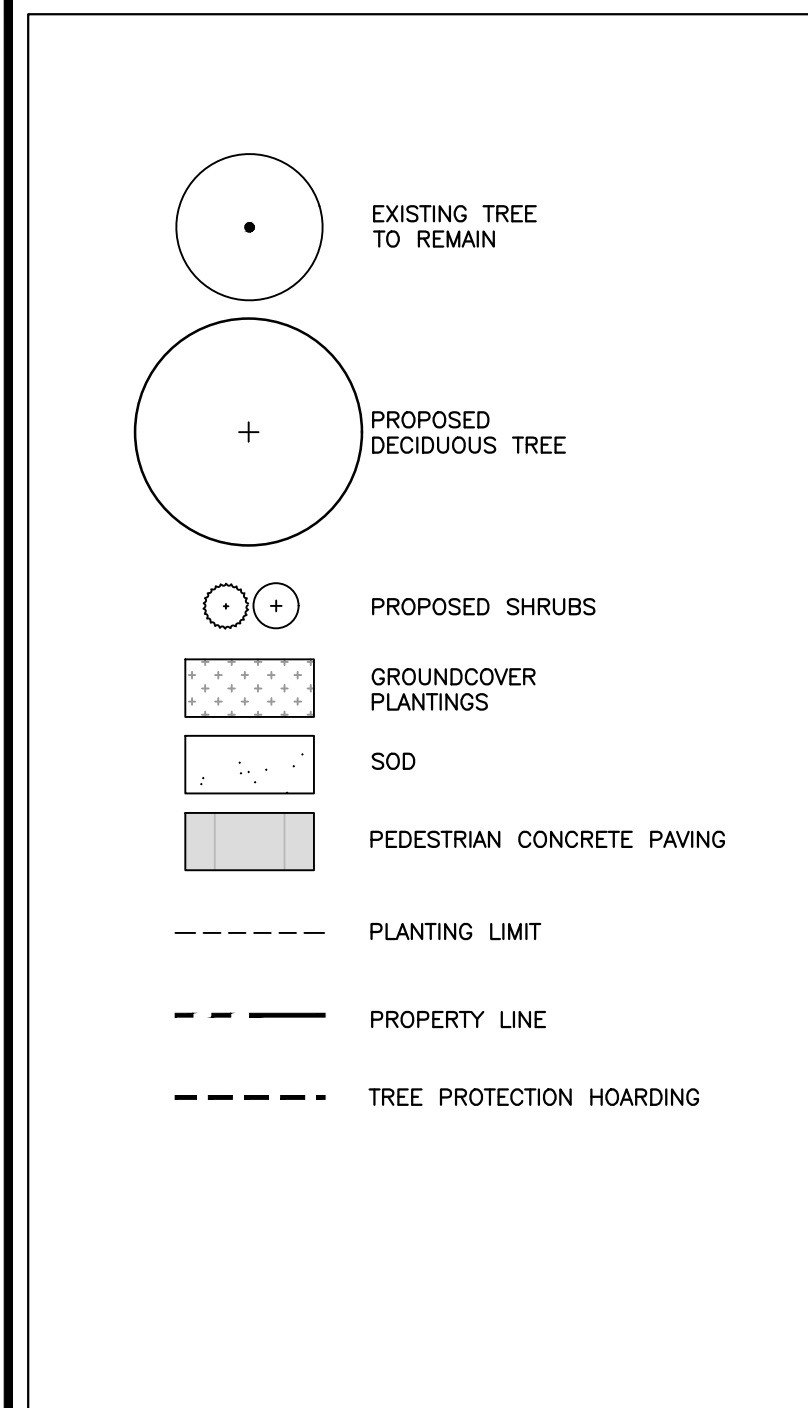
Total Site Area = Approx. 20226m ²			
TYPE OF PLANTING	FORMULA	REQUIRED #	PROPOSED #
Deciduous Trees (60mm CAL.)	Site Area / 600 = Qty.	34	60
Coniferous Trees (2.0m HT.)	Site Area / 800 = Qty.	25	25
Deciduous Shrubs (0.6-1.2m HT.)	Site Area / 400 = Qty.	51	80
Coniferous Shrubs (0.45m SPR/1.2m HT.)	Site Area / 600 = Qty.	34	50

PLANTING NOTES

- ALL PLANT MATERIAL IS TO MEET THE STANDARDS AS OUTLINED IN THE CANADIAN STANDARDS FOR NURSERY STOCK, CURRENT EDITION.
- FOR ALL CONTRACTOR PURCHASED MATERIALS PLANT SIZES WILL BE AS MEASURED ON SITE. NURSERY WAYBILLS WILL NOT BE ACCEPTABLE FOR DETERMINATION OF PLANT SIZES.
- PROTECT PLANT MATERIAL FROM FROST, EXCESSIVE HEAT, WIND AND SUN DURING TRANSPORTATION. ALL WILTED OR WIND DAMAGED PLANT MATERIAL WILL BE REJECTED.
- CONTRACTOR TO LAYOUT ALL PLANT MATERIAL AS PER PLANTING PLANS PRIOR TO INSTALLATION FOR LANDSCAPE ARCHITECT REVIEW AND APPROVAL.
- WARRANTY PERIOD FOR ALL PLANTING IS TWO YEAR FROM SUBSTANTIAL COMPLETION. WARRANTY REPLACEMENTS OF ALL PLANT MATERIAL WILL BE UNDERTAKEN BY THE CONTRACTOR AS REQUESTED BY THE LANDSCAPE ARCHITECT AT ANY TIME DURING THE WARRANTY PERIOD.
- FOR BURLAPPED ROOT BALLS, CUT AWAY TOP ONE THIRD OF WRAPPING AND WIRE BASKET WITHOUT DAMAGING ROOT BALL. DO NOT PULL BURLAP OR ROPE FROM UNDER ROOT BALL. FOR POTTED PLANTS REMOVE ENTIRE CONTAINER.
- BACKFILL SOIL IN 150mm LIFTS, TAMP EACH LIFT TO ELIMINATE AIR POCKETS. WHEN TWO THIRDS OF DEPTH OF PLANTING PIT HAS BEEN BACKFILLED, FILL REMAINING SPACE WITH WATER. AFTER WATER HAS PENETRATED INTO SOIL, BACKFILL TO FINISH GRADE.
- PLANTS SHOWN IN GROUPS ARE TO BE PLANTED IN CONTINUOUS PLANT BEDS AS SHOWN ON PLANTING DETAIL.
- PLANT MATERIAL INSTALLED FOLLOWING LEAF DROP IN THE FALL WILL BE ACCEPTED AFTER THE START OF THE NEXT GROWING SEASON PROVIDED THAT ACCEPTANCE CONDITIONS ARE FULFILLED.
- ANY PLANTING OR LANDSCAPING WORK THAT IS REJECTED AT THE FINAL INSPECTION WILL BE CORRECTED IN A TIMELY MANNER AT CONTRACTOR'S EXPENSE.
- WATER TREES ONCE A WEEK FOR FIRST 4 WEEKS AND THEN SUFFICIENTLY THERE AFTER TO MAINTAIN OPTIMUM GROWING WITHIN THE FIRST 2 YEARS AFTER PLANTING. APPLY SUFFICIENT WATER PER APPLICATION TO OBTAIN MOISTURE PENETRATION OF 75-100MM. ENSURE ADEQUATE MOISTURE IN ROOT ZONE AT FREEZE-UP.
- REJECTED PLANT MATERIAL MUST BE REMOVED FROM THE SITE WITHIN ONE WORKING DAY.
- ALL TOPSOIL TO BE NEW. TOPSOIL TO BE FRIABLE, SOIL TEXTURE TO CONSIST OF 45% SAND, 35% SILT, AND 20% CLAY AND CONTAIN A MAXIMUM OF 5% ORGANIC MATTER. TOPSOIL MUST BE FREE FROM SUBSOIL, ROOTS, GRASS, WEEDS, TOXIC MATERIALS, STONES, FOREIGN OBJECTS AND WITH AN ACIDITY RANGE (PH) OF 5.5 TO 7.5.
- SOIL MIXTURE FOR PLANTING TO BE 50% SANDY TOPSOIL, 25% PEATMOSS, 25% WELL ROTTED MANURE, AND 500G BONEMEAL PER CUBIC METRE OF PLANTING SOIL.
- CONTRACTOR TO CHECK QUANTITIES AND REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT IMMEDIATELY. PLANT QUANTITIES INDICATED ON THE PLAN SUPERCEDE THE TOTALS IN THE PLANT LIST.



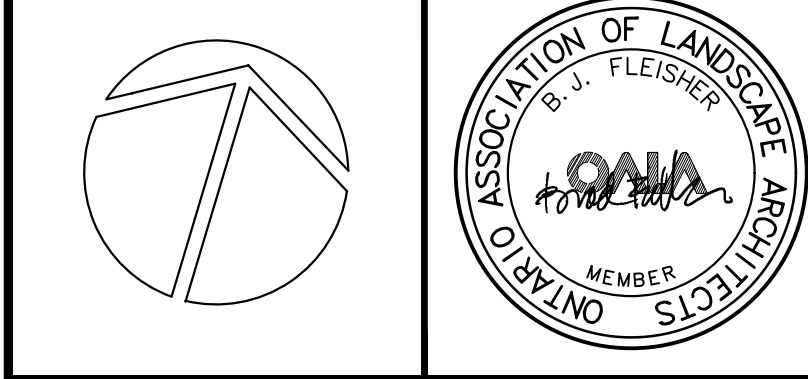
LEGEND



Simcoe County
District School Board



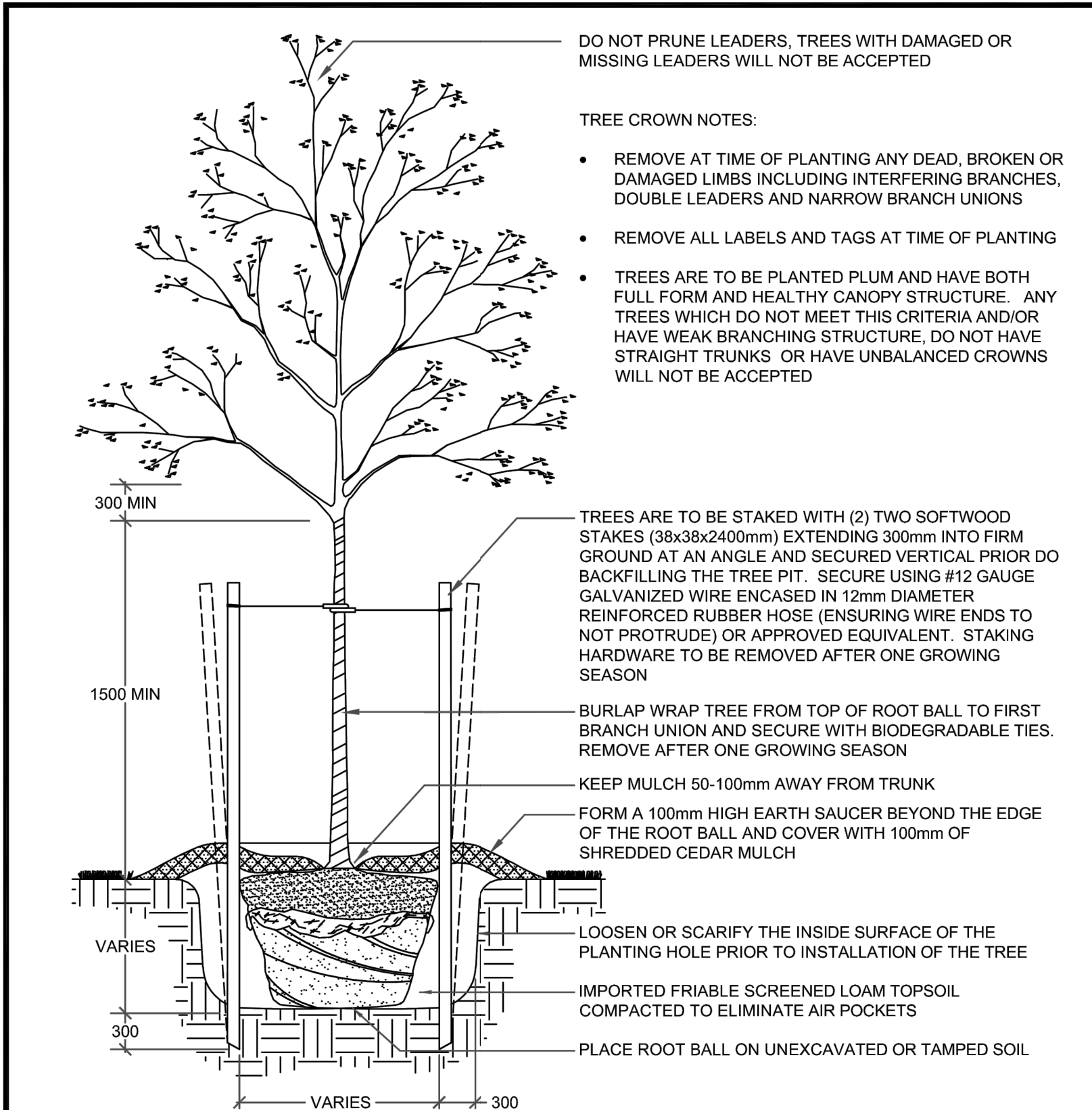
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Project Name: **BARRIE SOUTHEAST
ELEMENTARY SCHOOL**
210 DEAN AVE. BARRIE, ONTARIO

Drawing Title: **PLANTING PLAN**

Drawn: JB	Design: BF	Date: JUNE 2024
Checked: BF	Apprvd: BF	Scale: 1:250
FRP Project No: 241556		Dwg. No.: L2.1

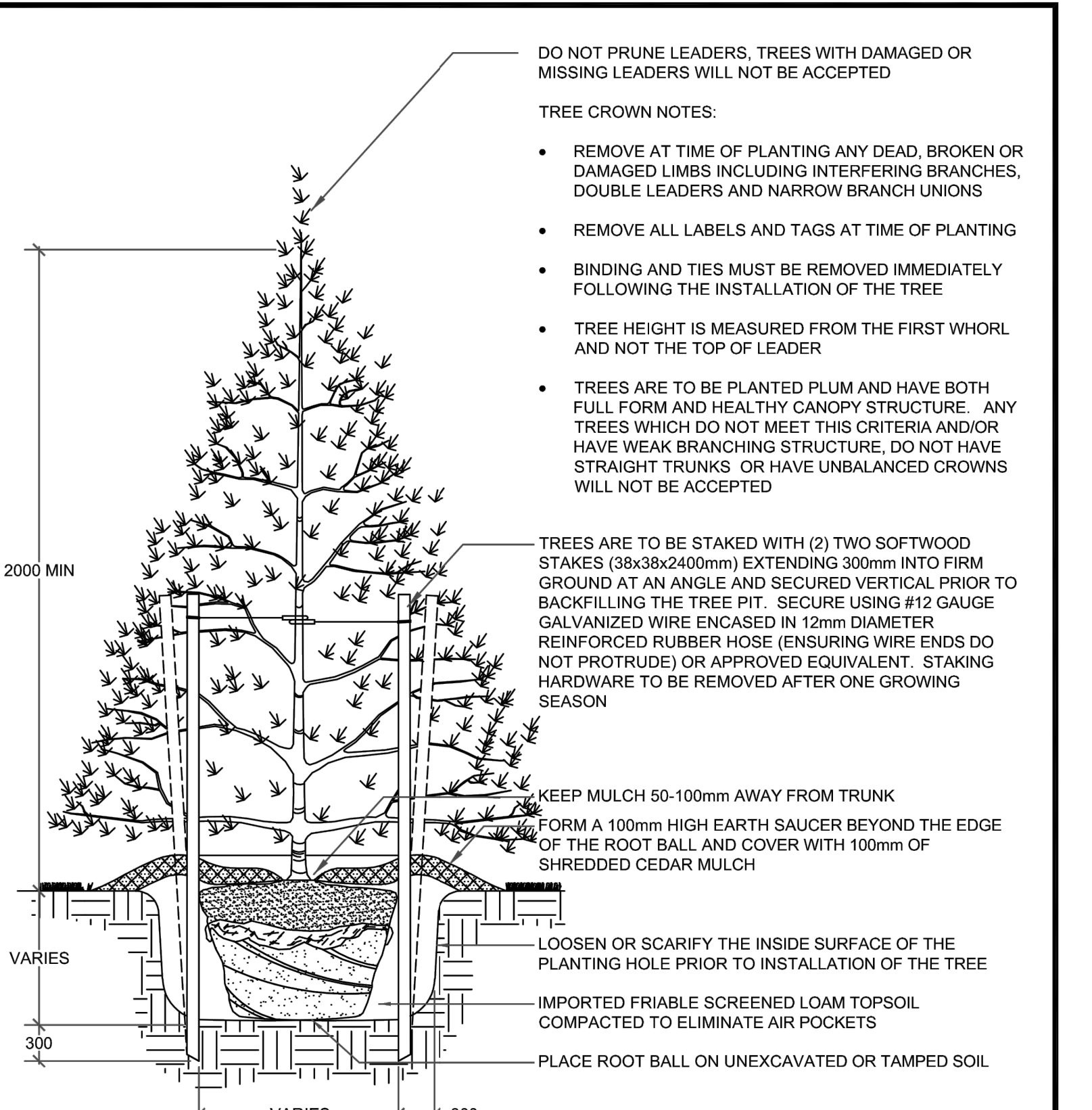


1. ALL CALIPER TREE PLANTING SHALL HAVE A MINIMUM 600mm DIAMETER ROOT BALL.
2. CUT AND REMOVE ALL WIRE, ROPE AND BURLAP FROM THE TOP 150mm OF THE ROOT BALL AT THE TIME OF PLANTING.
3. FOR POORLY DRAINED OR COMPACTED SOILS THE ROOT BALL SHALL BE PLACED SO THAT THE ROOT COLLAR IS A MAXIMUM OF 100mm ABOVE THE FINISHED GRADE. FOR ALL OTHER INSTALLATIONS THE ROOT COLLAR SHALL BE AT OR 50mm ABOVE FINISHED GRADE.
4. 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 FOR ALL STREETSCAPE APPLICATIONS.
5. ALL TWINE AND BURLAP MUST BE BIODEGRADABLE (UNTREATED).
6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

DECIDUOUS TREE PLANTING

REV No. 5
DATE: APR 2023
SCALE: N.T.S.
P1310

DECIDUOUS TREE PLANTING
As Per City of Barrie Standard Detail

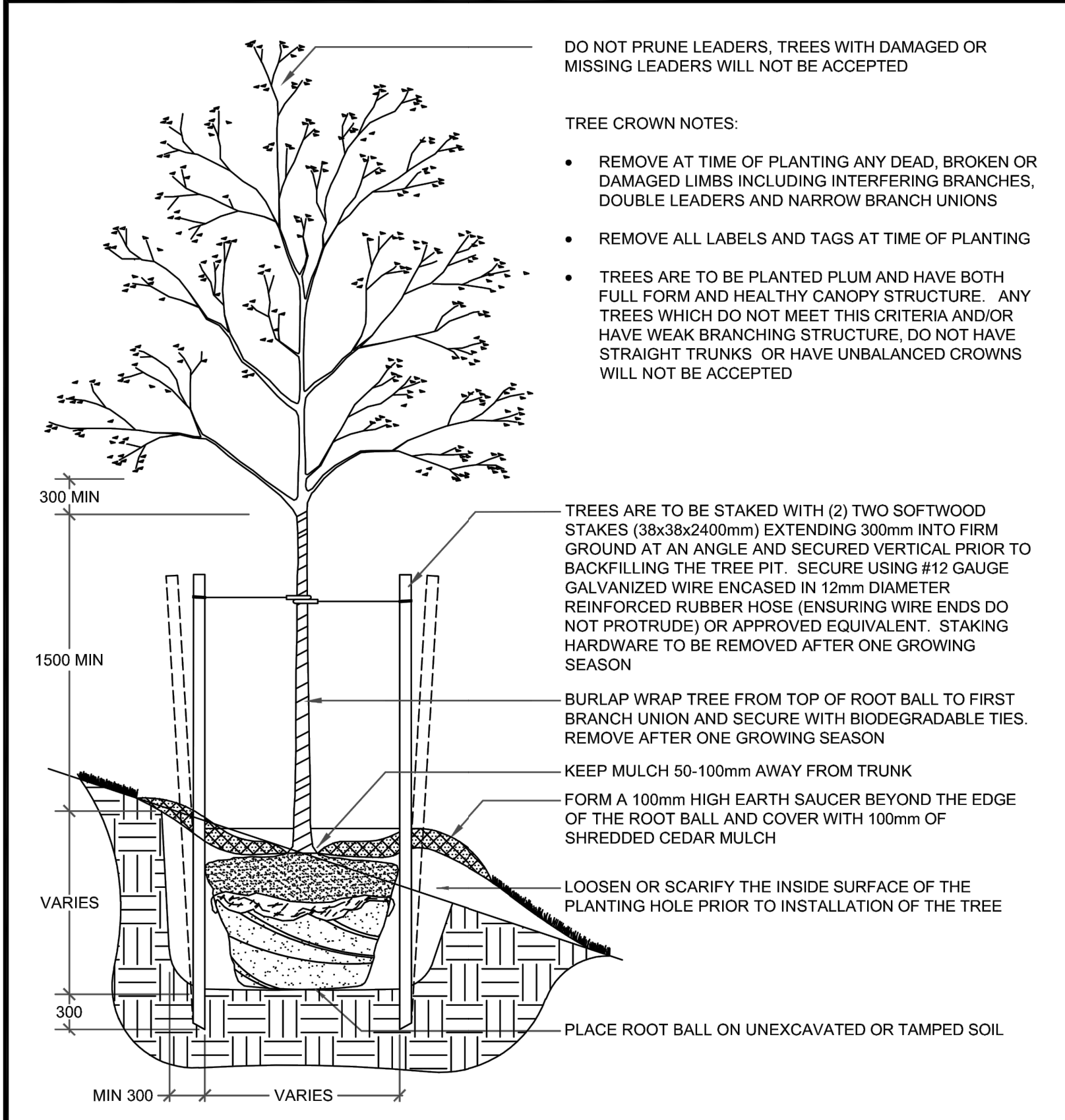


1. ALL CONIFEROUS TREE PLANTING SHALL HAVE A MINIMUM 600mm DIAMETER ROOT BALL.
2. CUT AND REMOVE ALL WIRE, ROPE AND BURLAP FROM THE TOP 150mm OF THE ROOT BALL AT THE TIME OF PLANTING.
3. FOR POORLY DRAINED OR COMPACTED SOILS THE ROOT BALL SHALL BE PLACED SO THAT THE ROOT COLLAR IS A MAXIMUM OF 100mm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

CONIFEROUS TREE PLANTING

REV No. 5
DATE: APR 2023
SCALE: N.T.S.
P1312

CONIFEROUS TREE PLANTING
As Per City of Barrie Standard Detail

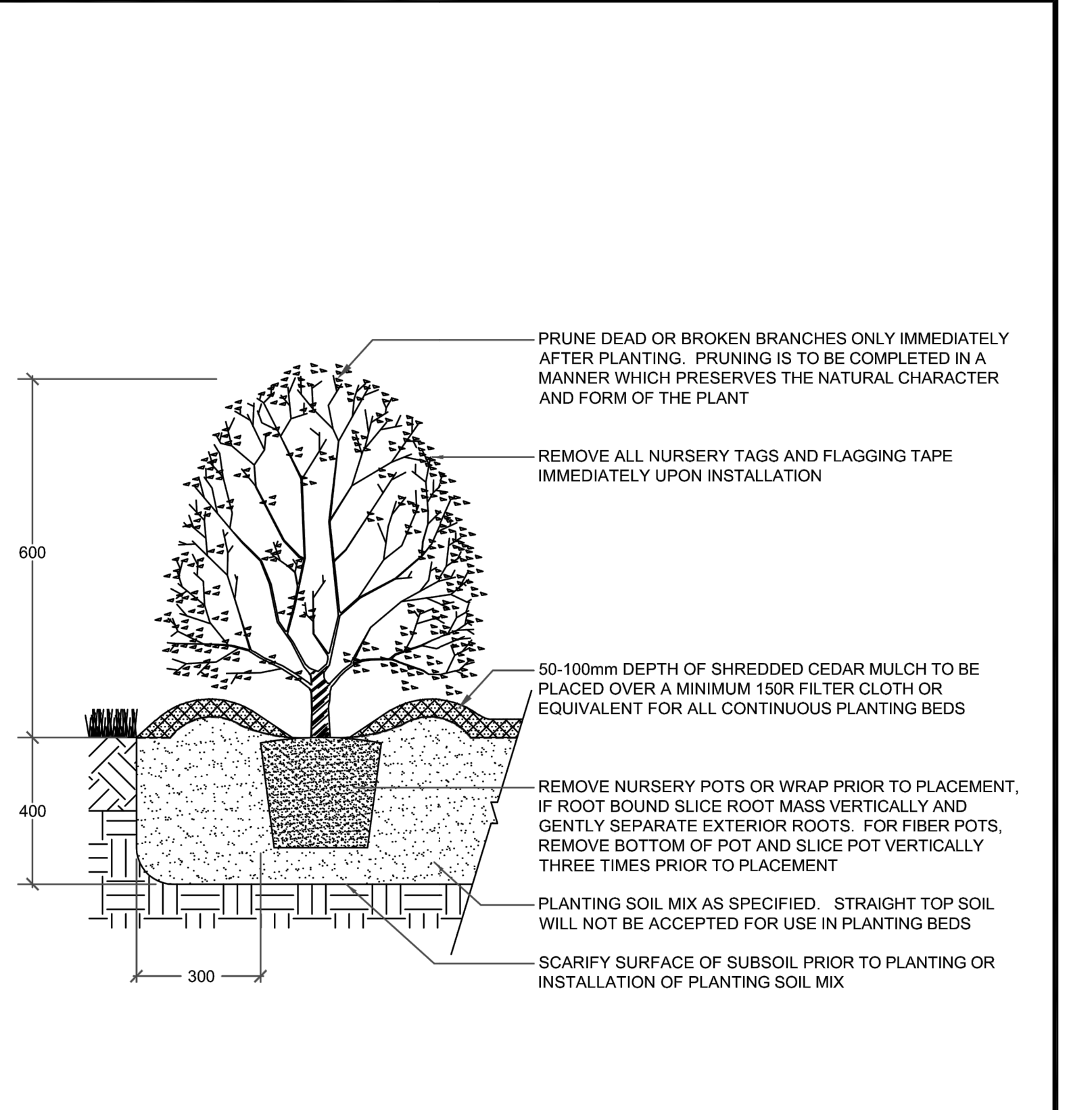


1. ALL CALIPER TREE PLANTING SHALL HAVE A MINIMUM 600mm DIAMETER ROOT BALL.
2. CUT AND REMOVE ALL WIRE, ROPE AND BURLAP FROM THE TOP 150mm OF THE ROOT BALL AT THE TIME OF PLANTING.
3. EXCAVATION TO BE BACKFILLED WITH IMPORTED FRIABLE SCREENED TOPSOIL WHICH IS TO BE FIRMLY COMPACTED TO ELIMINATE AIR POCKETS AND PREVENT SETTLEMENT.
4. EXPOSED SOIL SHALL BE RE-SODDED OR IN A RESTORATION ENVIRONMENT SEEDED WITH A SIMCOE COUNTY NATIVE SEED MIX AND ANNUAL RYE NURSE CROP.
5. ALL TWINE AND BURLAP MUST BE BIODEGRADABLE (UNTREATED).
6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

DECIDUOUS TREE SLOPE PLANTING

REV No. 2
DATE: APR 2023
SCALE: N.T.S.
P1311

DECIDUOUS TREE SLOPE PLANTING
As Per City of Barrie Standard Detail

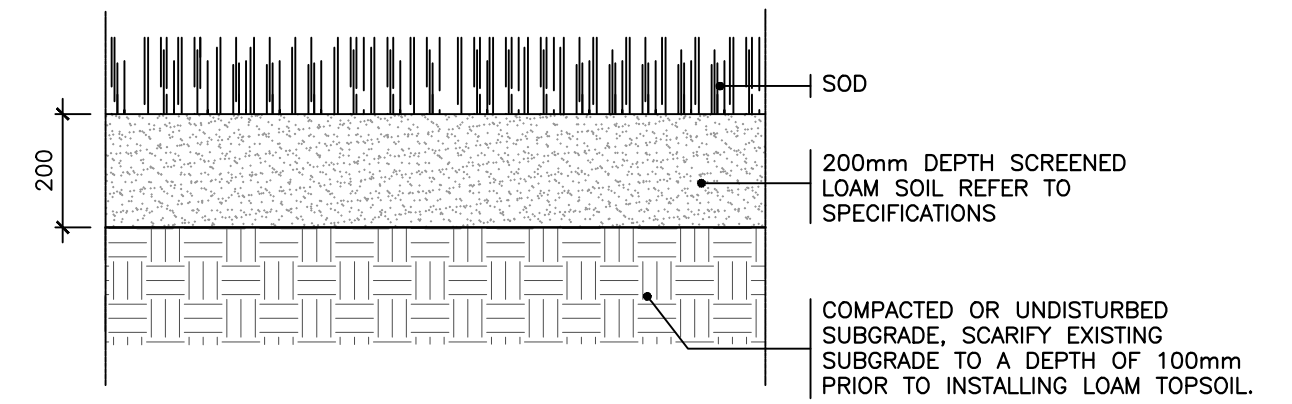


1. PLANTING METHOD ILLUSTRATED APPLIES TO CONTAINER / POTTED MATERIAL ONLY.
2. PLANTING DETAIL DOES NOT SPECIFICALLY RELATE TO ANY PARTICULAR SPECIES AND SHALL BE APPLIED TO BOTH DECIDUOUS AND CONIFEROUS POTTED MATERIAL.
3. SET SHRUBS 50mm HIGHER THAN GRADE TO ALLOW FOR SETTLEMENT.
4. ALL SHRUB PLANTING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

CONTAINER GROWN SHRUB PLANTING

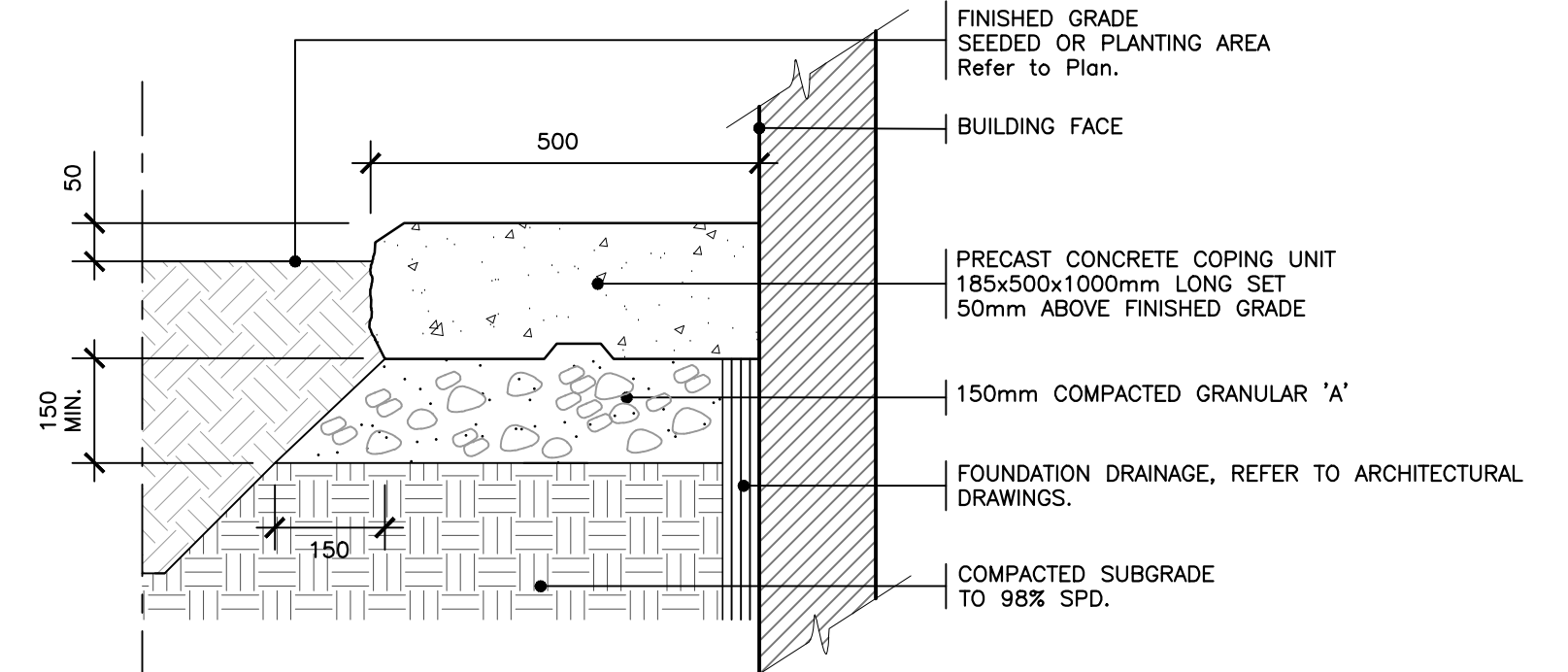
REV No. 5
DATE: APR 2023
SCALE: N.T.S.
P1314

SHRUB PLANTING
As Per City of Barrie Standard Detail

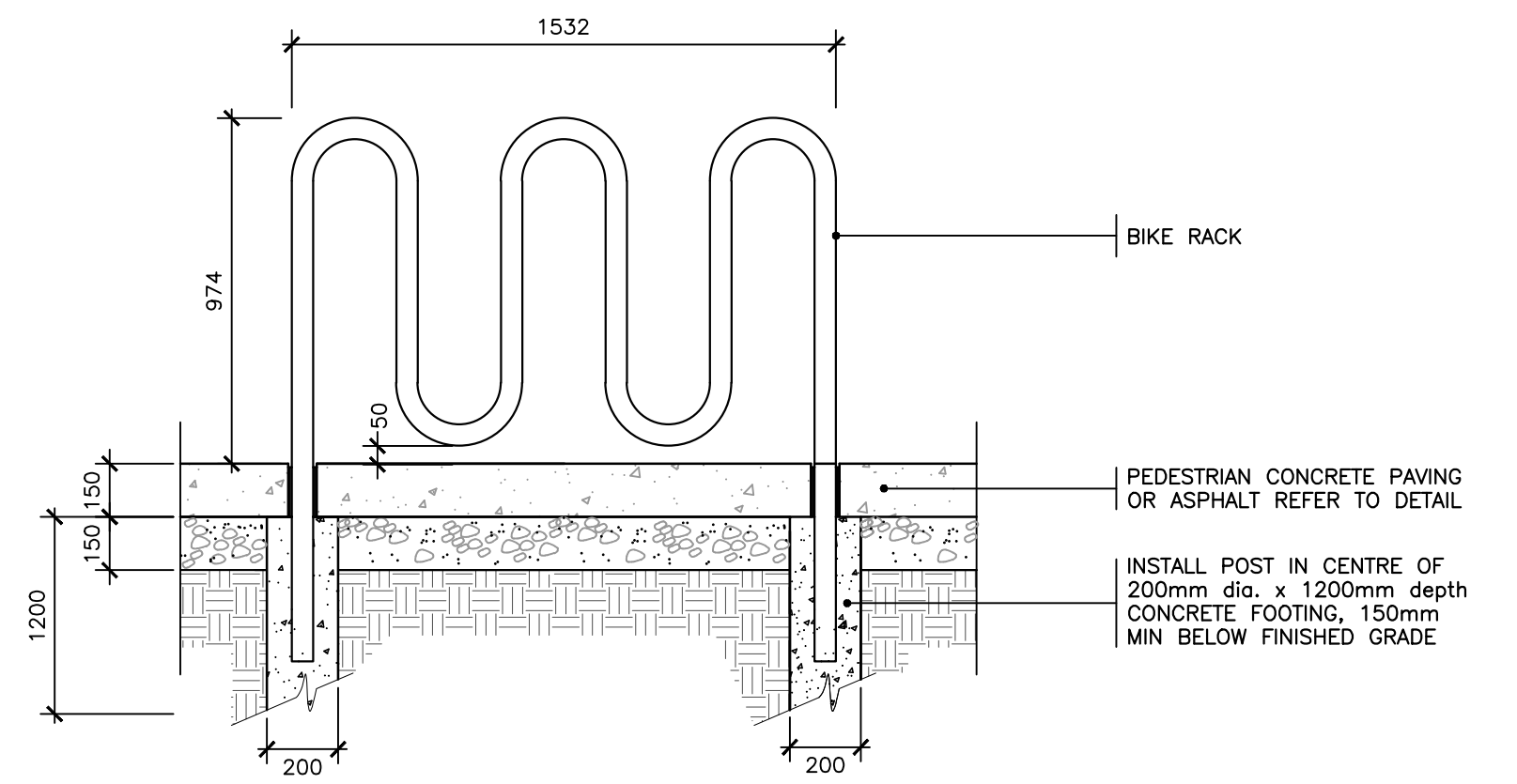


NOTE: FOR SOD ON SLOPES OF 3:1 AND 4:1, INSTALL SOD WITH THEIR LONGEST DIMENSION PERPENDICULAR TO THE SLOPE, AND STAKE TO SECURE. PAINT STAKES ALL PROTRUDING STAKES WITH ORANGE PAINT.

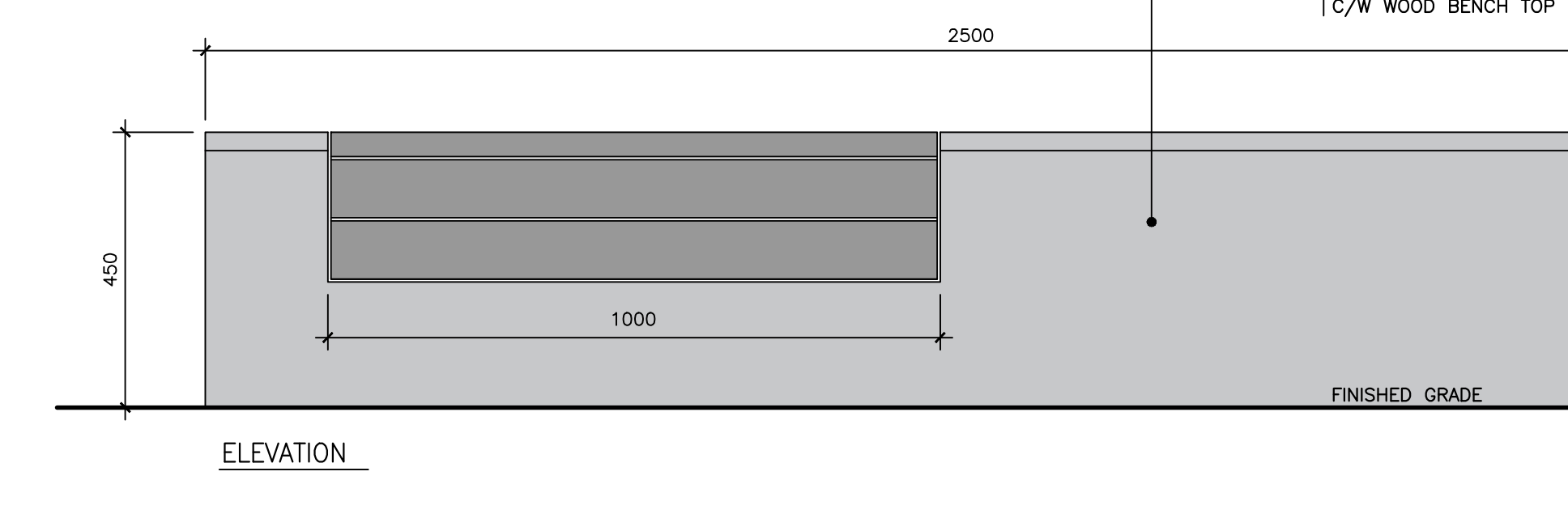
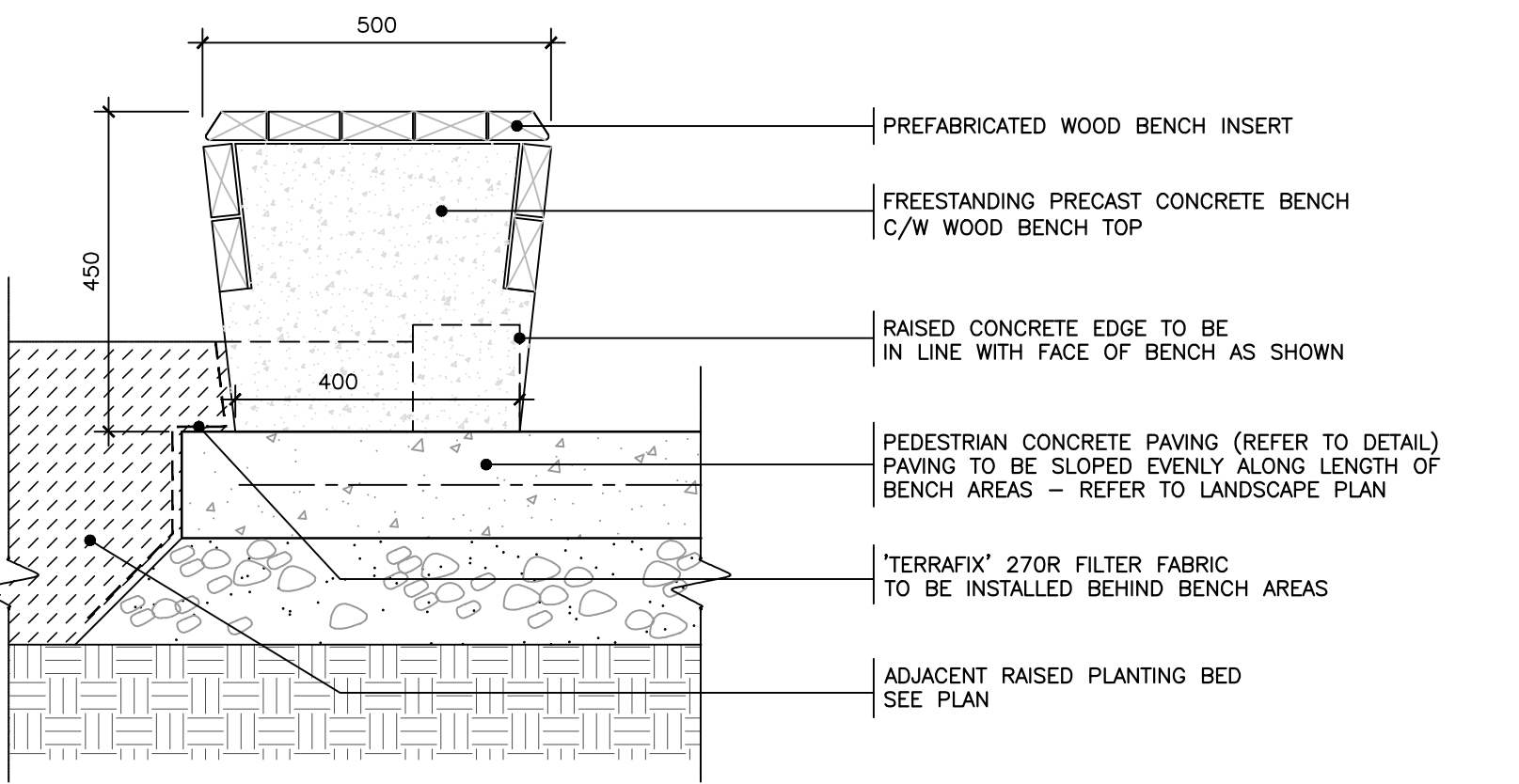
SOD



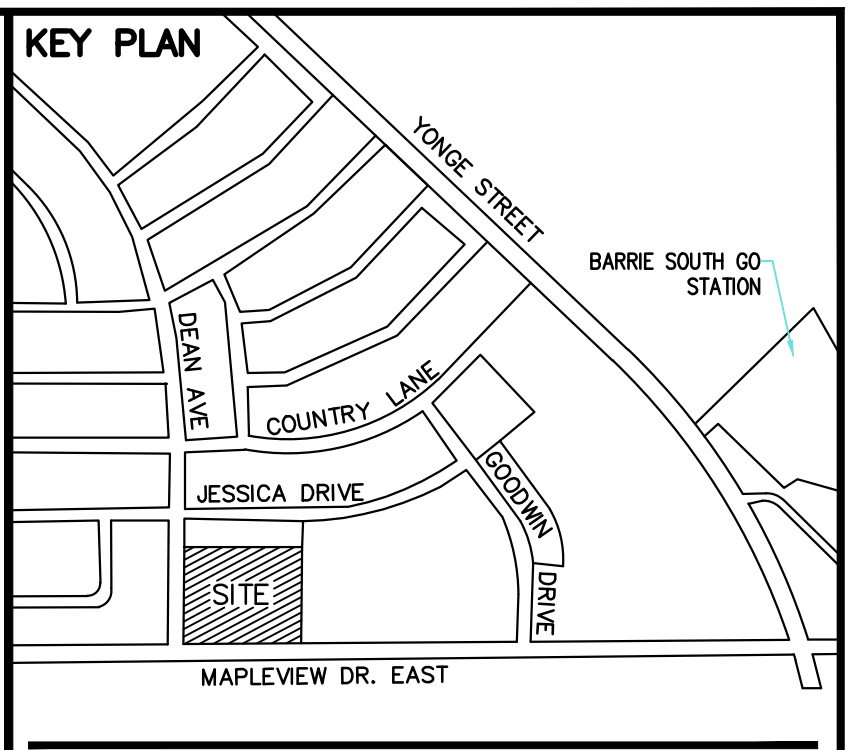
PRECAST CONCRETE MAINTENANCE STRIP



BIKE RACK

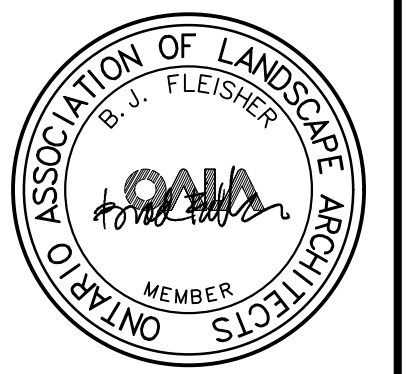


CONCRETE BENCH C/W WOOD BENCH TOP



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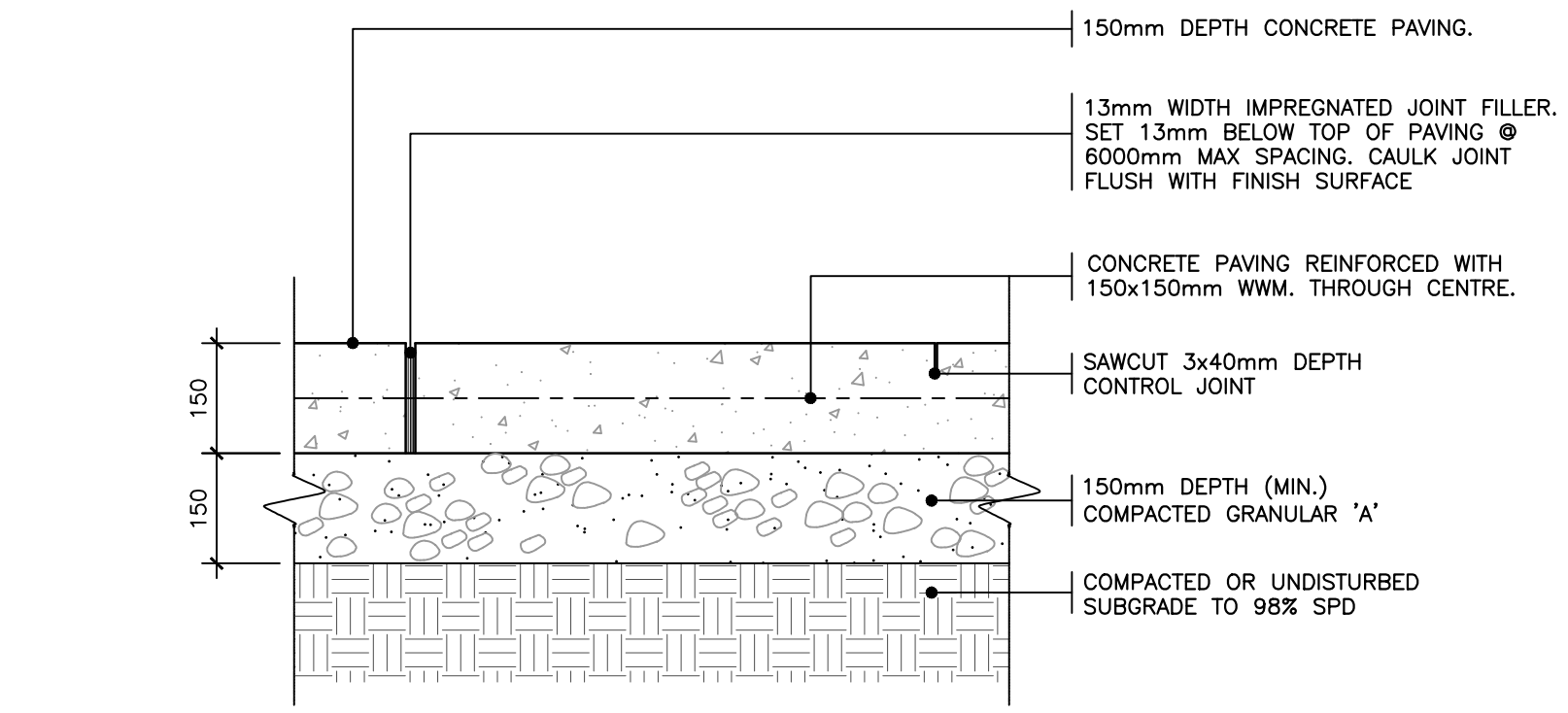
Project Name:
**BARRIE SOUTHEAST
ELEMENTARY SCHOOL**
210 DEAN AVE. BARRIE, ONTARIO

Drawing Title:
DETAILS

Drawn: JB
Checked: BF
FRP Project No: 241556

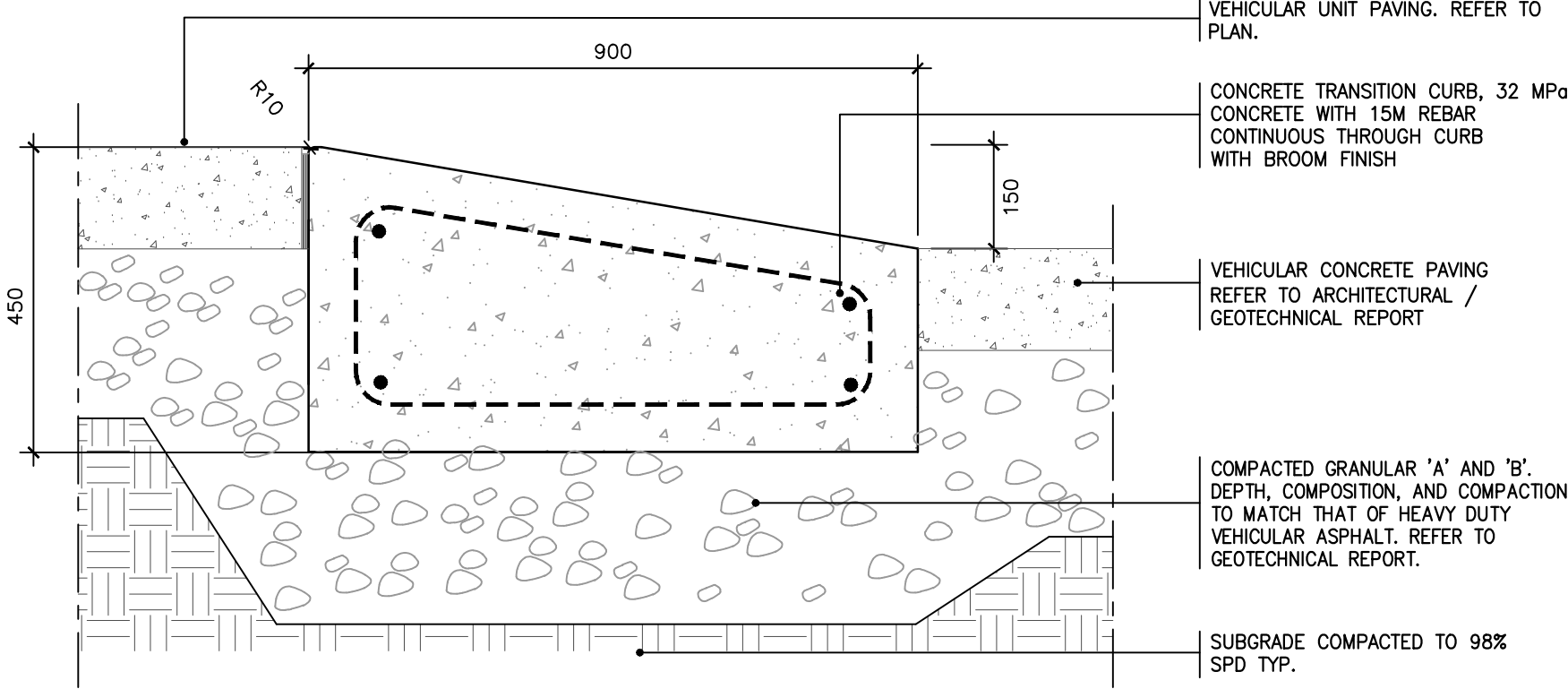
Design: BF
Apprvd: BF

Date: JUNE 2024
Scale: AS NOTED
Dwg. No.: L3.1



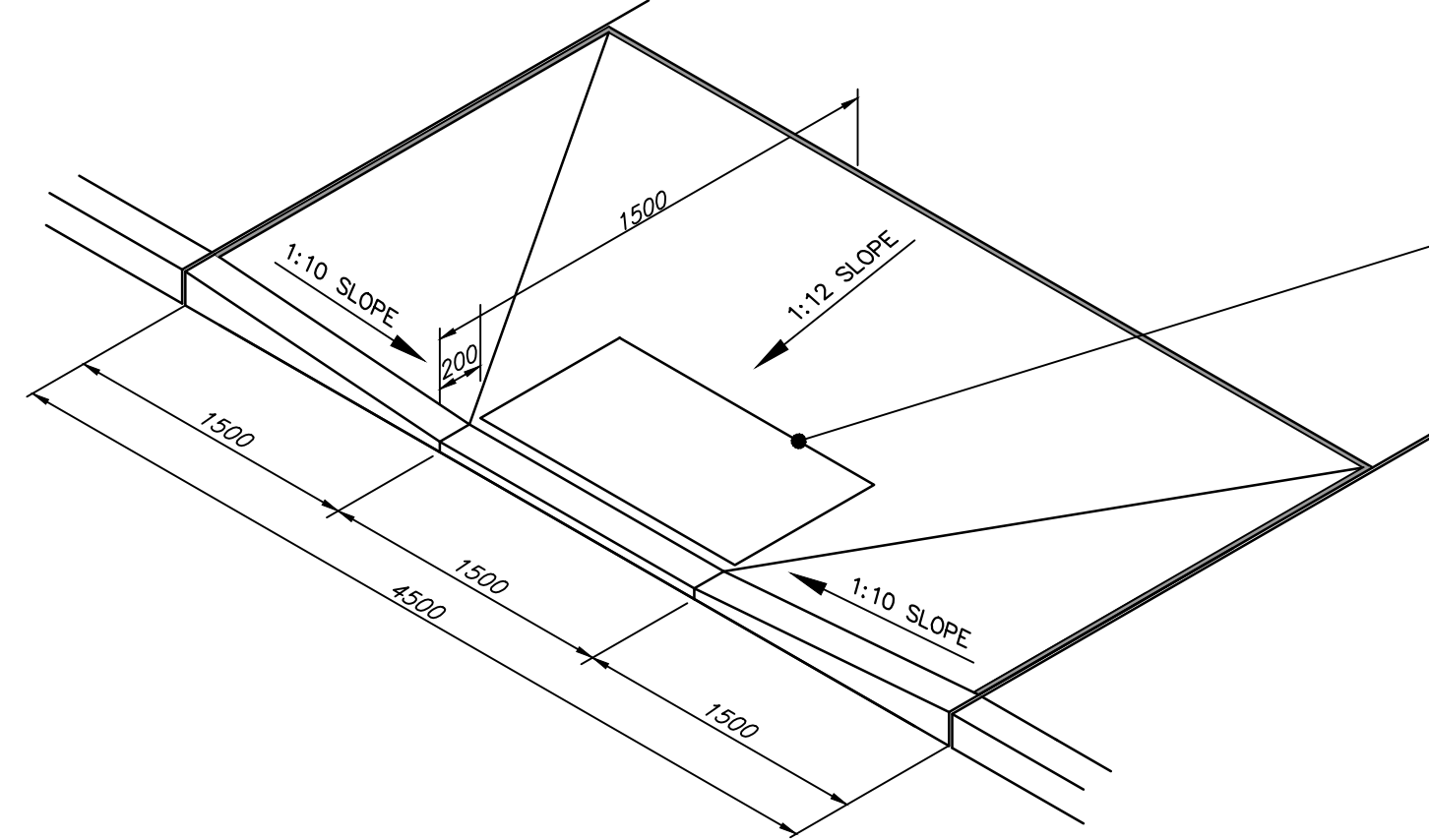
PEDESTRIAN CONCRETE PAVING

1:10 1

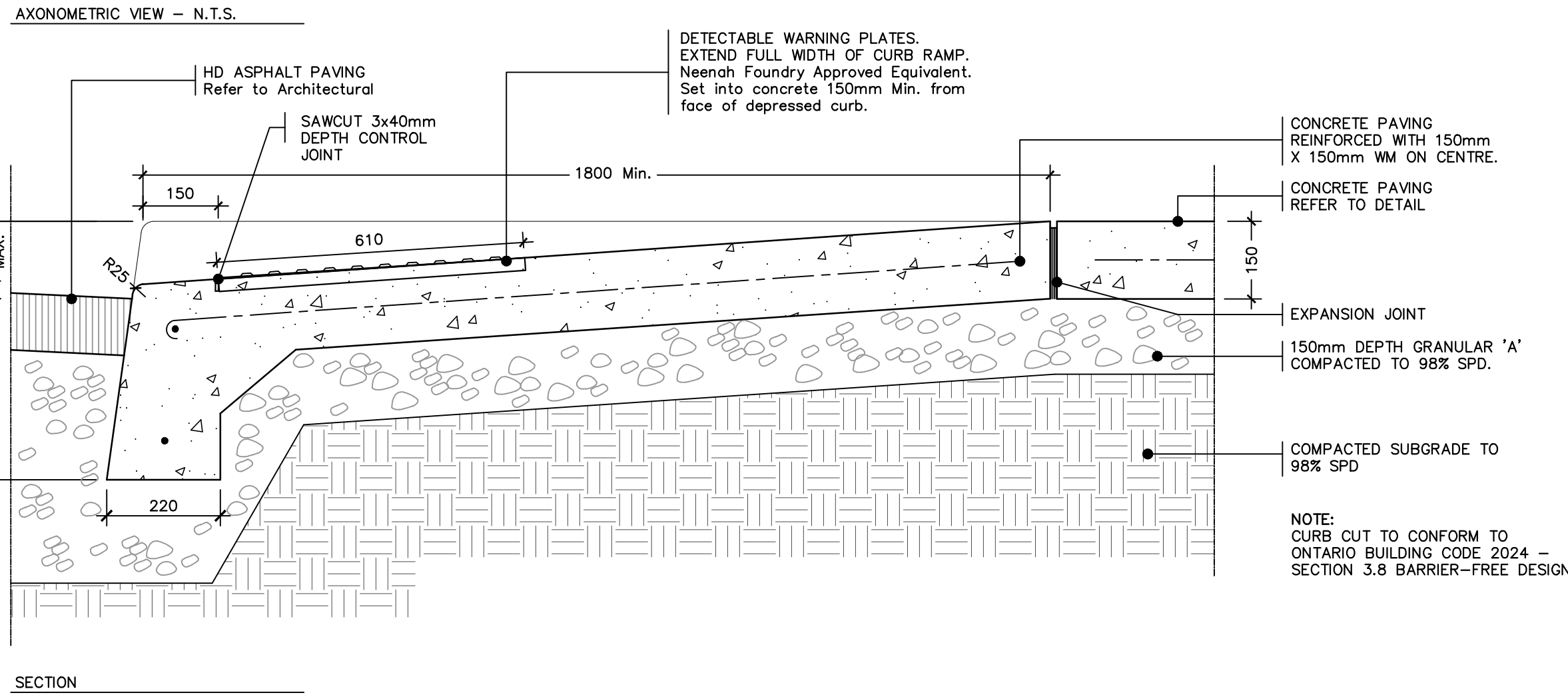


TRANSITION CURB

1:10 4

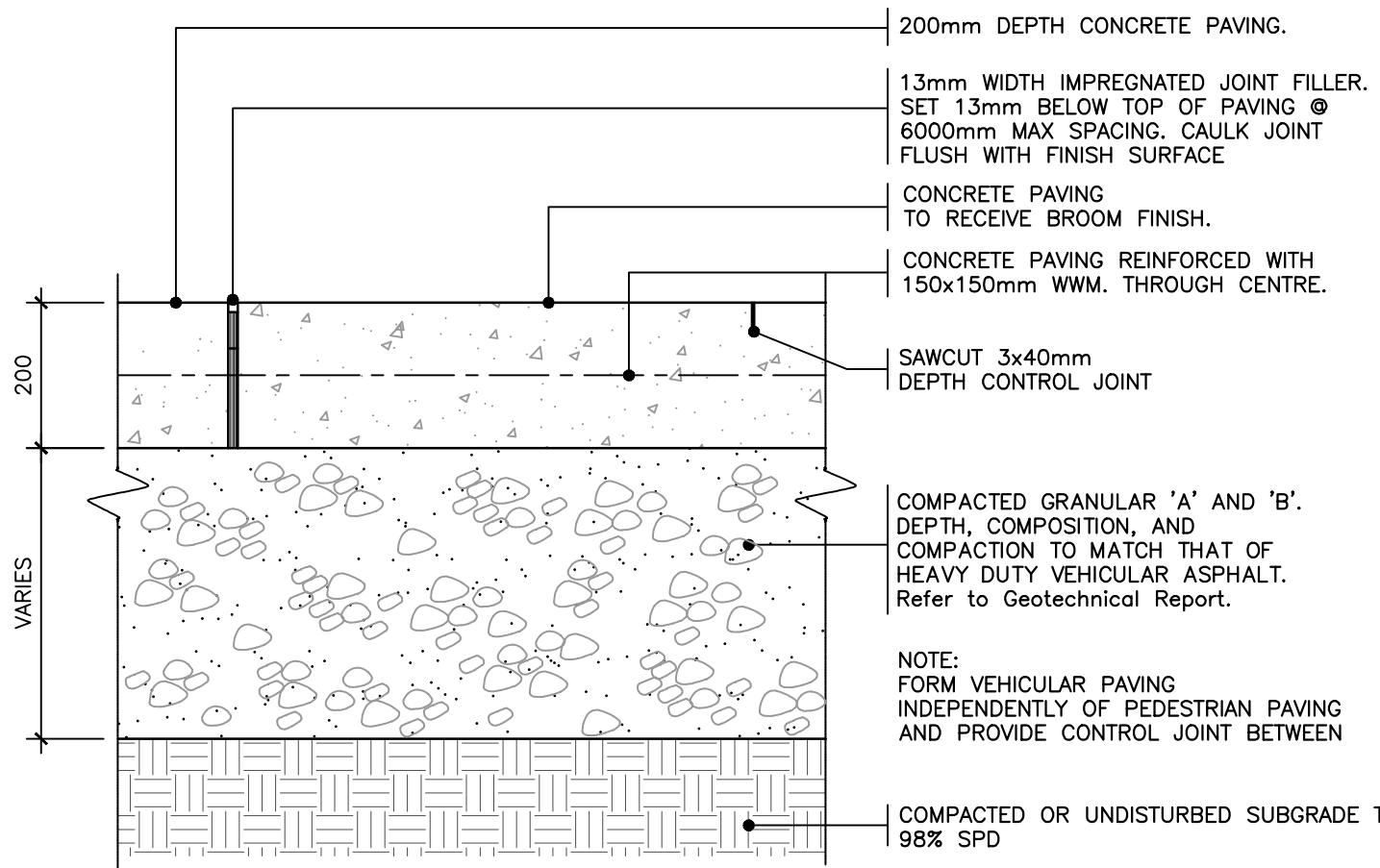


DETECTABLE WARNING PLATES SET INTO CONCRETE; QUICK CONNECT PLATES 24x36" MODEL 4964-360 AS MANUFACTURED BY NEENAH FOUNDRY OR APPROVED EQUIVALENT.



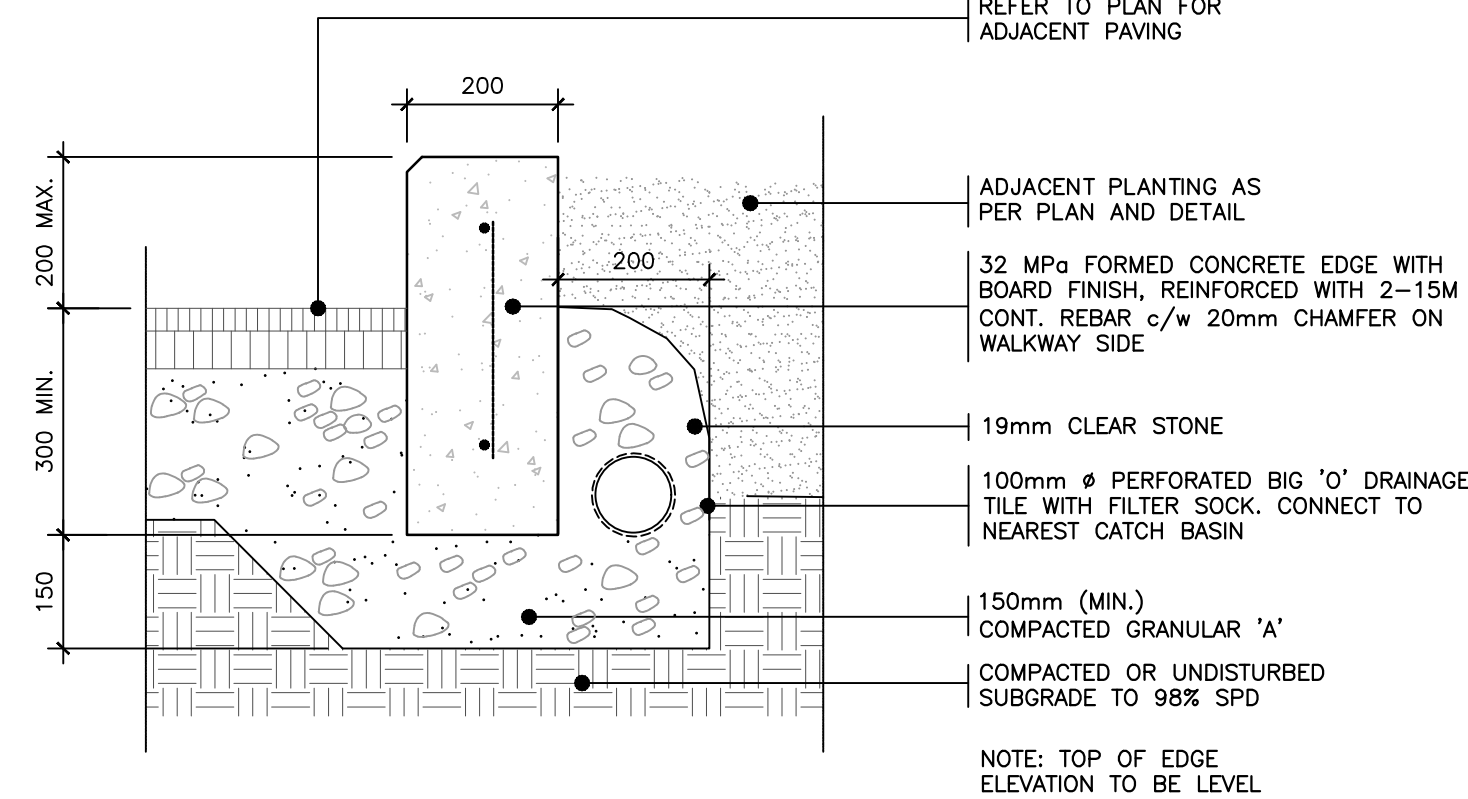
DROP CURB C/W TACTILE WARNING PLATES

1:10 7



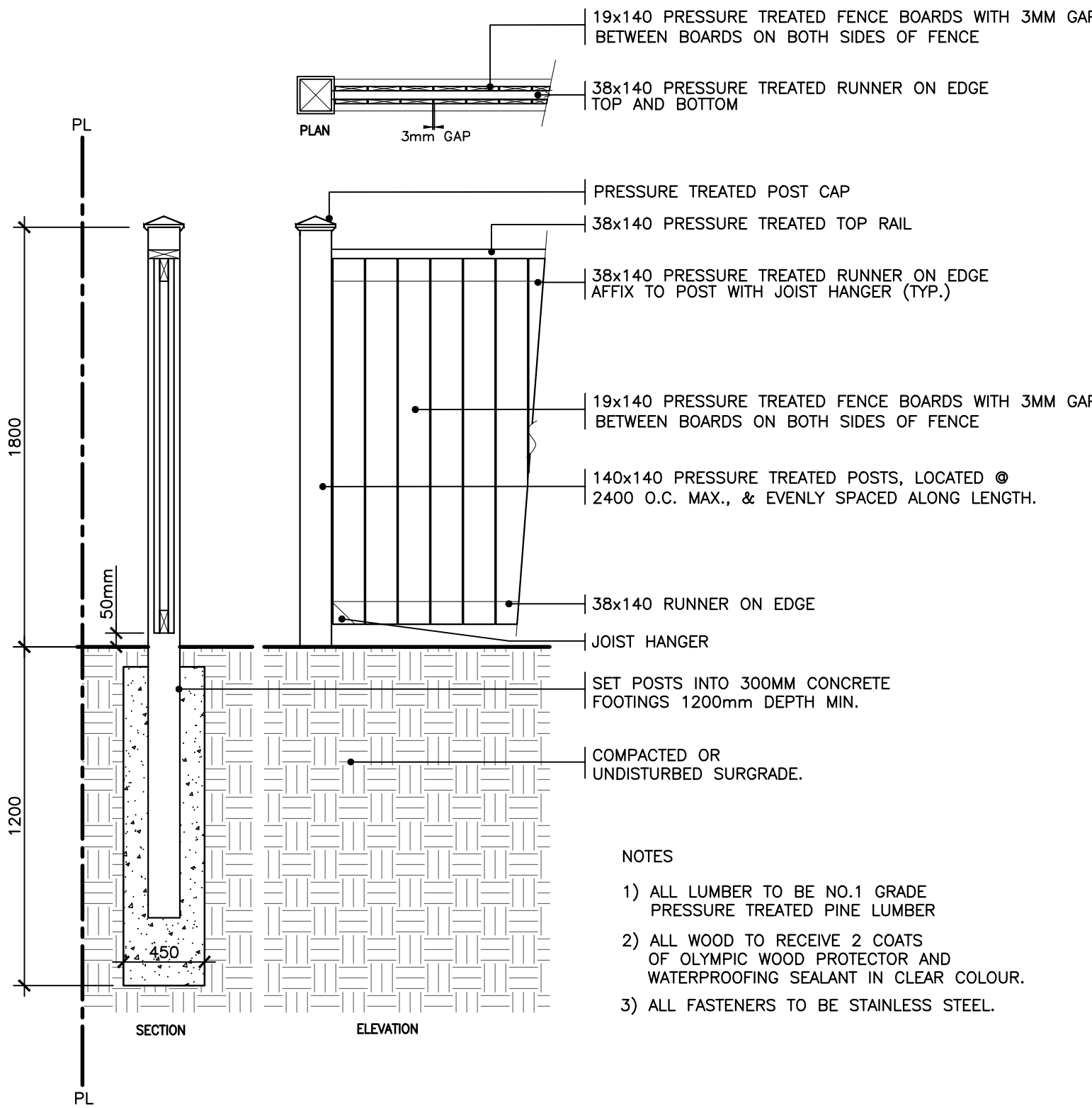
VEHICULAR CONCRETE PAVING

1:10 2



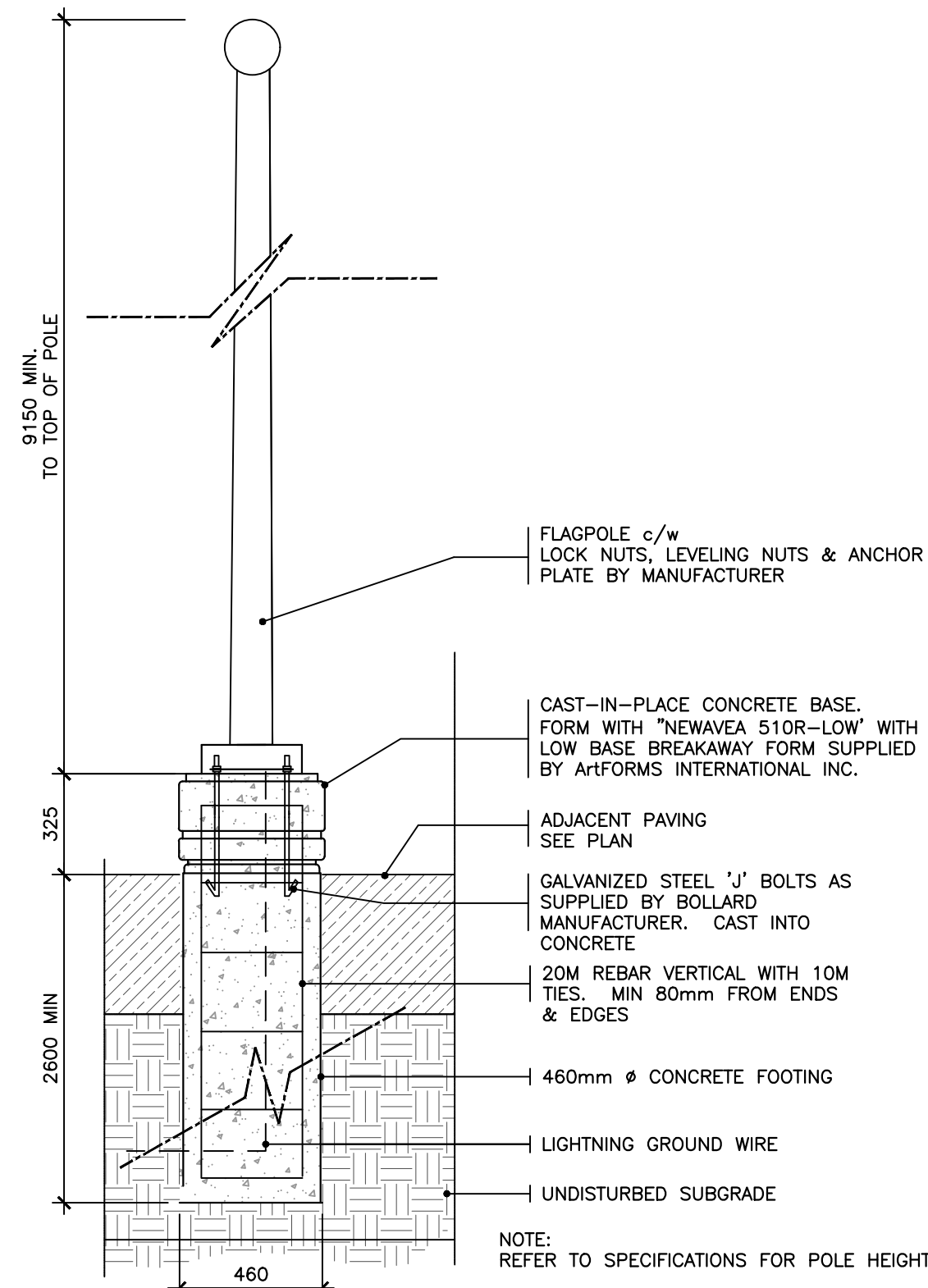
RAISED CONCRETE EDGE

1:10 5



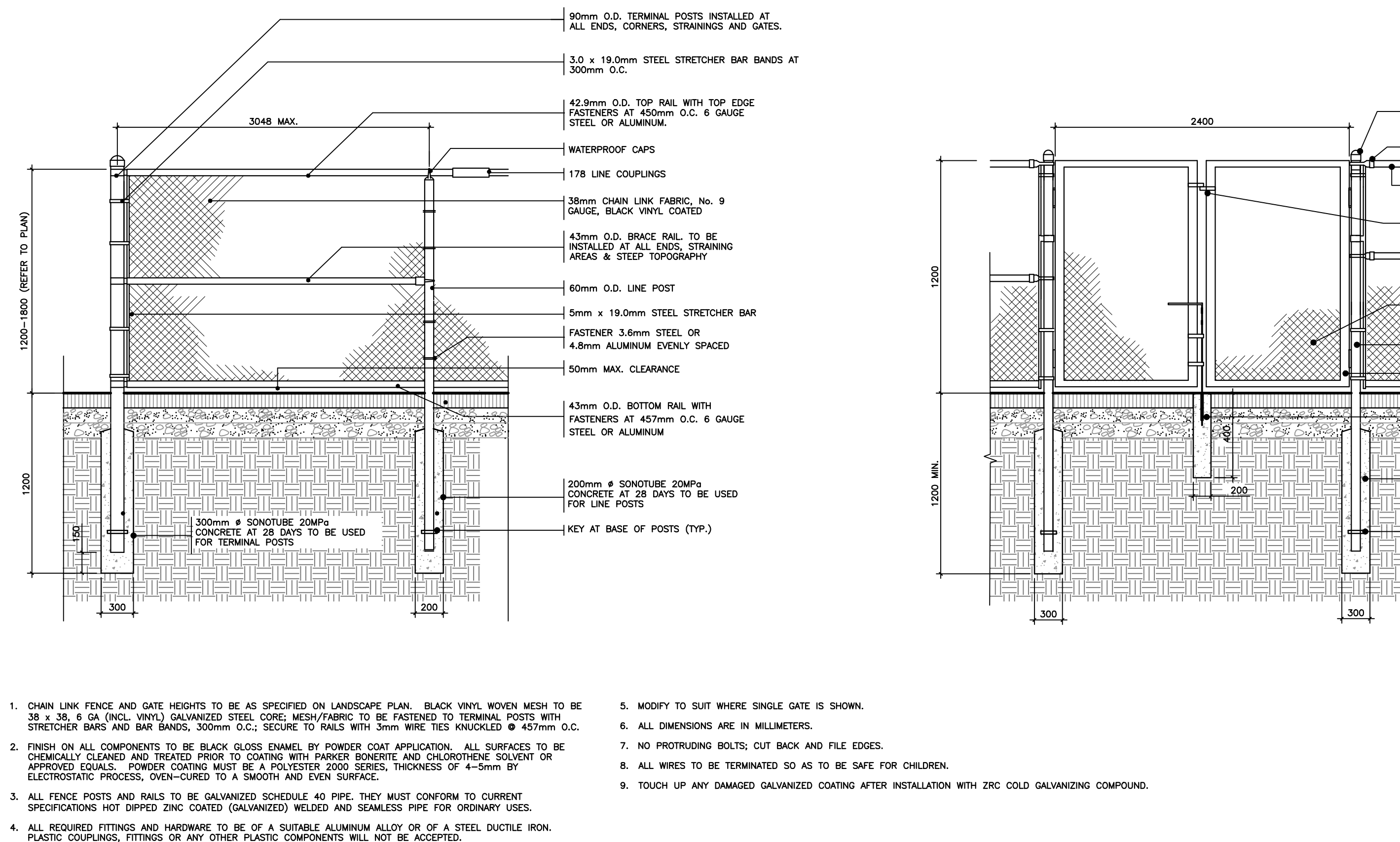
1800mm HT. WOOD FENCE

NTS 3



FLAGPOLE

NTS 6



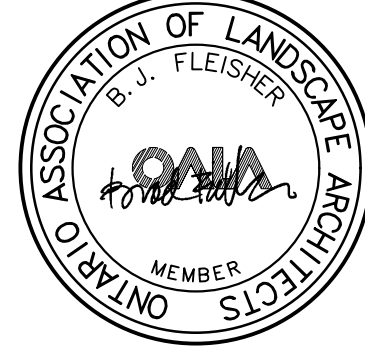
1200mm & 1800mm HT. CHAIN LINK FENCE AND GATES

NTS 8

Simcoe County District School Board

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210 DEAN AVE. BARRIE, ONTARIO

Drawing Title: **DETAILS**

Drawn: JB	Design: BF	Date: JUNE 2024
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FRP Project No: 241556	Dwg. No.: L3.2	