

DRAWING LIST

- L-001 LANDSCAPE GENERAL NOTES
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LANDSCAPE NOTES

GENERAL NOTES:

- 1. DRAWINGS AND SPECIFICATIONS, AS INSTRUMENTS OF SERVICE, ARE THE PROPERTY OF WSP CANADA INC. - LANDSCAPE ARCHITECTURE. THE COPYRIGHT IN THE SAME BEING RESERVED TO THEM. NO REPRODUCTION MAY BE MADE WITHOUT THE PERMISSION OF WSP CANADA GROUP LIMITED - LANDSCAPE ARCHITECTURE.
2. THE CONTRACTOR IS TO VERIFY DIMENSIONS AND DATA NOTED HEREIN WITH CONDITIONS ON THE SITE AND IS HELD RESPONSIBLE FOR REPORTING DISCREPANCIES TO WSP CANADA INC. FOR ADJUSTMENT. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL FROM WSP CANADA INC.
3. REFER TO PROJECT DRAWINGS AND SPECIFICATION DOCUMENTS FOR REQUIREMENTS OF ALL PROPOSED WORKS INCLUDING REMOVALS, GRADING, LANDSCAPE WORKS, PLANTING, RESTORATION, ETC..
4. EXTENT OF WORK SHOWN IS TO CONVEY INTENT ONLY. EXTENT OF CONSTRUCTION IS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION. IF THERE IS AMBIGUITY OR LACK OF INFORMATION, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE CONSULTANT. ANY CHANGE THROUGH THE DISREGARDING OF THIS NOTICE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. LAYOUT TO BE STAKED BY CONTRACTOR AND REVIEWED BY THE LANDSCAPE ARCHITECT.
6. PROPERTY LINES TO BE VERIFIED PRIOR TO INITIATING CONSTRUCTION.
7. QUALIFIED REGISTERED LAND SURVEYOR (OLS), ACCEPTABLE TO OWNER, TO LOCATE, CONFIRM AND PROTECT CONTROL POINTS PRIOR TO STARTING SITE WORK. PRESERVE PERMANENT REFERENCE POINTS DURING CONSTRUCTION.
8. CONTRACTOR TO REVIEW ALL DRAWINGS AND REPORT ANY ERRORS, OMISSIONS, AND DISCREPANCIES TO THE CONSULTANT IN WRITING. PROPERTY LINES TO BE VERIFIED PRIOR TO INITIATING ANY CONSTRUCTION.
9. CONTRACTOR TO MAKE GOOD TO CONSULTANT'S SATISFACTION ALL DAMAGES THAT OCCUR DURING CONSTRUCTION.
10. CONTRACTOR RESPONSIBLE TO PREPARE THE SITE IN ORDER TO COMPLETE ALL REQUIRED SITE WORKS, AND STAGE/SCHEDULE WORKS IN A COHESIVE AND ORDERLY MANNER THAT BEST FULFILLS PROJECT OBLIGATIONS AND DESIGN INTENT.
11. ALL CONSTRUCTION TO BE CARRIED OUT IN ACCORDANCE WITH THE MOST CURRENT DESIGN STANDARDS, CRITERIA, AND SPECIFICATIONS FOR THE MUNICIPALITY, THE BUILDING CODE, AND ACCESSIBILITY STANDARDS.
12. WHERE INDICATED ON DRAWINGS, ALL SITE DISTURBED AREAS TO RECEIVE FINISH GRADE SURFACE OF TOPSOIL, AT DEPTHS/COMPOSITION AS SPECIFIED IN PROJECT SPECIFICATIONS. TOPSOIL TO BE TESTED, REVIEW DRAWINGS AND SPECIFICATIONS FOR FURTHER INFORMATION.
13. CONTRACTOR IS RESPONSIBLE FOR ALL FEES ARISING FROM THE COMPLETION OF WORKS CONVEYED BY THESE DRAWINGS AND IN THE SPECIFICATION PACKAGE. FEES INCLUDE BUT ARE NOT LIMITED TO SECURITIES, PERMIT FEES, DEPOSITS, APPLICATION FEES, LETTERS OF CREDIT, OR ANY OTHER RELATED FUNDING REQUESTS.

UNDERGROUND SERVICING AND UTILITIES:

- 1. ALL UNDERGROUND SERVICE INFORMATION IS DERIVED FROM RECORDS AND SERVICES HAVE NOT BEEN LOCATED BY THE UTILITY COMPANIES OR BY DAYLIGHTING.
2. THE CONTRACTOR IS RESPONSIBLE FOR ALL ABOVE/BELOW GROUND UTILITY LOCATES AND ASSOCIATED COSTS. CONTRACTOR TO VERIFY LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION. UTILITIES TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ARRANGE UTILITY COMPANIES OR 3RD PARTY LOCATING COMPANY FOR UTILITIES LOCATING AND PAY ALL RELATED COSTS.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED/CONFIRMED BY THE UTILITY COMPANIES AND THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
5. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES WHICH OCCUR TO EXISTING SERVICES ABOVE AND BELOW GROUND DURING EXCAVATION.

SITE PREPARATION NOTES:

- 1. CONTRACTOR IS TO PROTECT ALL EXISTING SWALES, DRAINAGE COURSES, ETC., FROM SILTATION INFILTRATION.
2. SILT FENCE WHERE REQUIRED TO BE INSTALLED SURROUNDING ALL EXISTING CATCH BASINS, MAINTENANCE HOLES, WATER CHAMBERS, OUTLETS, AREAS OF TOPSOIL STORAGE AND AREAS OF ONGOING EXCAVATION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SILTATION CONTROL DEVICES IN GOOD WORKING ORDER AT ALL TIMES.
4. CONTRACTOR SHALL INSPECT SUCH DEVICES DAILY AND AFTER EACH RAINFALL EVENT.
5. CONTRACTOR IS RESPONSIBLE FOR CONDUCTING STAGING WORKS IN A LOGICAL AND RESPONSIBLE MANNER, AND RE-LOCATING/IMPLEMENTING SEDIMENT/EROSION CONTROL MEASURES TO SUIT WORKS REQUIRED.
6. CONTRACTOR IS RESPONSIBLE FOR RE-ALLOCATING AND ADJUSTING SEDIMENTATION/EROSION CONTROL MEASURES TO SUIT THE VARIOUS STAGES OF EARTHWORKS OF THE PROJECT.
7. AREAS DESIGNATED FOR EXCAVATION, FILL, EMBANKMENT, AND STRUCTURAL WORKS SHALL BE CLEARED, GRUBBED AND STRIPPED OF TOPSOIL.
8. REMOVED TOPSOIL SHALL BE STOCKPILED FOR FUTURE USE AS SPECIFIED AND REVIEWED BY SITE CONSULTANT.
9. ALL CONSTRUCTION VEHICLES SHALL ENTER SITE ONLY AT DESIGNATED LOCATIONS THAT ARE ACCEPTED BY OWNER'S REPRESENTATIVE.
10. ANY REFUSE, GARBAGE, OR OTHER DEBRIS ON SITE MUST BE REMOVED AND DISPOSED OF OFF SITE AT THE EXPENSE OF THE CONTRACTOR.
11. IF THE PROJECT SITE IS LOCATED WITHIN A DESIGNATED AREA THAT RESTRICTS THE REMOVAL AND TRANSPORT OF ALL WOOD AND WOOD PRODUCTS. CONTRACTOR TO CONFORM TO ALL RULING LEGISLATION PERTAINING TO THE REMOVAL OF WOOD/TREE PRODUCTS.
12. CONTRACTOR TO DETERMINE POINTS OF CONSTRUCTION ACCESS AND RESTORE SITE TO EXISTING OR BETTER CONDITION AT COMPLETION OF CONSTRUCTION.
13. CONTRACTOR SHALL NOT PARK ANY VEHICLES OR STORE ANY EQUIPMENT OR MATERIALS IN AREAS TO REMAIN UNDISTURBED. ANY DAMAGE TO SUCH AREAS MUST BE RESTORED TO EXISTING OR BETTER CONDITIONS AT THE EXPENSE OF THE CONTRACTOR.
14. CONTRACTOR SHALL COMPLY WITH MUNICIPALITY'S NOISE BY-LAWS.

DRAINAGE FLOWS, WATER MAINTENANCE AND STABILIZATION NOTES:

- 1. ALL WORKS ON PERMANENT STRUCTURES AND ELEMENTS SHALL BE CARRIED OUT IN AREAS FREE FROM WATER/FLOW.
2. THE CONTRACTOR SHALL FURNISH, INSTALL, OPERATE AND MAINTAIN ALL NECESSARY PUMPING, FILTRATION BAGS, AND OTHER MEASURES REQUIRED FOR REMOVAL OF WATER FROM VARIOUS PARTS OF THE WORK.
3. CONTRACTOR SHALL MAINTAIN THE EXCAVATIONS, FOUNDATIONS, AND OTHER PARTS OF THE WORKS FREE FROM WATER/FLOW AS REQUIRED AND AS ACCEPTED BY SITE CONSULTANT.
4. AT THE COMPLETION OF CONSTRUCTION, ALL TEMPORARY PROTECTIVE WORKS SHALL BE REMOVED OR LEVELED AND GRADED TO THE EXTENT REQUIRED TO PREVENT OBSTRUCTION OF THE FLOW OF WATER TO THE SWALES, SPILLWAY/OUTLET WORKS.
5. SWALE DIVERSIONS/SEDIMENTATION CONTROL DEVICES SHALL BE MAINTAINED UNTIL THE FULL STORM FLOW CAN BE PASSED THROUGH THE PERMANENT WORKS.
6. ALL EXPOSED/DISTURBED SURFACES, AS A RESULT OF GRADING/PROJECT WORKS, SHALL BE STABILIZED BY TOPSOIL, SEEDING, VEGETATION, FERTILIZING, MULCHING AND ALL OTHER MEASURES AS PER CONTRACT DOCUMENTS AND TO THE SATISFACTION OF SITE CONSULTANT.

GRADING NOTES:

- 1. CONTRACTOR TO ENSURE POSITIVE DRAINAGE OF ALL AREAS WITHIN THE LIMIT OF WORK AS PER CONTRACT DOCUMENTS.
2. ENSURE TRANSITION OF EXISTING AND NEW GRADES, SURFACES AND ANY PAVING IS SMOOTH. (I.E. NO ABRUPT CHANGE IN ELEVATION.)
3. ENSURE GRADING TRANSITIONS BETWEEN AREAS OF VARYING PROPOSED SLOPES IS SMOOTH, TRANSITIONAL AND BLENDED WITHOUT ABRUPT DIFFERENCES.
4. MAXIMUM SLOPE ON PAVING SURFACES TO BE AS SHOWN ON PLAN AND TO CONSULTANT'S SATISFACTION.
5. PROPOSED ELEVATIONS ALONG LIMIT OF WORK MUST MATCH EXISTING ELEVATIONS.
6. NOTIFY CONSULTANT IMMEDIATELY IN WRITING IF ANY DISCREPANCIES ARE DISCOVERED.
7. AREAS TO BE SODDED AND SEEDDED SHALL BE TOPSOILED AS PER PROJECT DRAWINGS AND SPECIFICATIONS. ROUGH GRADE BELOW FINISHED GRADE TO ALLOW FOR TOPSOIL INSTALLATION AND FINISH GRADING.

GENERAL PLANTING NOTES:

- 1. SURVEY, LAYOUT AND STAKING/IDENTIFICATION AND MAINTENANCE OF ALL PLANTING BED LIMITS/OUTLINES/DELINEATION AS SHOWN WITHIN PROJECT DRAWINGS (BED OUTLINES/IDENTIFICATION TO REMAIN AND TO BE REMOVED AS PER PROJECT DRAWINGS).
2. SUPPLY AND INSTALLATION OF SPECIMEN TREE AND SHRUB PLANT MATERIAL SPECIES, AND HERBACEOUS (PERENNIAL AND GRASSES) SPECIES, AS NOTED WITHIN PROJECT DESIGN DRAWINGS AND AS PER DETAILS.
3. PLANTING SOIL FOR TREES TO BE PREPARED AS PER PROPORTIONS NOTED ON PLANTING DETAILS, AND AS PER DEPTH AND VOLUME NOTES IN SPECIFICATIONS.
4. SUPPLY AND INSTALL SOD IN AREAS NOTED ON PROJECT DRAWINGS.
5. SUPPLY AND INSTALL CONTINUOUS MULCH LAYER WITHIN SHRUB/ORNAMENTAL GRASS/ PERENNIAL PLANTING BEDS, CONSISTING OF SHREDDED PINE BARK/MULCH OR APPROVED EQUIVALENT.
6. LAYOUT OF TREES TO BE STAKED BY CONTRACTOR AND TO THE LANDSCAPE ARCHITECT'S SATISFACTION PRIOR TO INSTALLATION OF THE TREES. IN GENERAL, TREES TO BE 3.0m MIN. FROM LIGHT STANDARDS, HYDRANTS, TRANSFORMERS AND OTHER FEATURES, UNLESS OTHERWISE NOTED OR DIRECTED.
7. ANY IMPORTED TOPSOIL TO CONFORM TO MUNICIPALITY GUIDELINES AND CONTRACT SPECIFICATIONS.
8. PLANTING SHALL BE CARRIED OUT IN ACCORDANCE WITH MUNICIPALITY GUIDELINES AND DETAIL DRAWINGS. PLANTS SHALL BE TRUE TO NAME, SIZE AND ROOT CONDITIONS AND CONFORM TO THE LATEST STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION.
9. ALL PLANTING BEDS TO BE CONTINUOUS TYP.
10. ALL DISTURBED AREAS NOT DESIGNATED FOR PLANTING OR PAVING TO RECEIVE TOPSOIL AND SOD (TYP.) AS PER SPECIFICATIONS UNLESS OTHERWISE NOTED. THESE AREAS ARE NOT NECESSARILY INDICATED ON PLANS.
11. CONTRACTOR IS RESPONSIBLE FOR REGULAR MAINTENANCE/GROOMING OF PLANTING BEDS AND MULCH LAYERS DURING WARRANTY PERIOD.
12. ALL PLANT MATERIALS ARE TO BE SOURCED FROM SOUTHERN ONTARIO TO PRESERVE LOCAL GENETICS. IDENTIFICATION OF PLANT MATERIAL WILL BE VERIFIED IN THE FIELD BY A QUALIFIED PROFESSIONAL PRIOR TO INSTALLATION. PROOF OF GENETICS, NURSERY TAGS AND PACKAGING IDENTIFICATION WILL BE MADE AVAILABLE TO THE CONSULTANT FOR VERIFICATION.
13. INSTALLATION OF ANY BARE ROOT MATERIAL TO OCCUR ONLY DURING PLANT DORMANT SEASON - LATE FALL, OR EARLY SPRING.
14. AVOID INSTALLATION OF PLANT MATERIAL DURING DRY, MID-SUMMER PERIODS.
15. ANY REQUIRED SEEDING TO BE CARRIED OUT DURING EARLY SPRING (MAY - JUNE 15) OR LATER FALL (SEPTEMBER - OCTOBER) TO IMPROVE GERMINATION RATES OF SEEDS AND SURVIVORSHIP OF PLANTS.
16. ALL AREAS TO RECEIVE SPECIFIC HERBACEOUS PLANTING INSTALLATIONS AND BROADCAST SEED ARE TO BE CULTIVATED (TILLED) TO A MINIMUM DEPTH OF 150mm.
17. THE SEEDING OPERATION SHALL NOT COMMENCE UNTIL THE CONSULTANT HAS REVIEWED THE SURFACE PREPARATION, THE SEED MIXTURES BEING APPLIED, THE LAYOUT OF THE PERMANENT SEED MIXES LOCATIONS, AND THE DIFFERENT COVER TYPES.
18. PRIOR TO APPLICATION OF SEED AND FOLLOWING SOIL TILLING - ALLOW 1 WEEK FOR ANY WEEDS TO GERMINATE. REMOVE WEEDS IN THEIR ENTIRETY.
19. PROPOSED PLANTING OPERATIONS IN EXISTING CONDITIONS WHERE EROSION CONTROL MAT EXISTS, CONTRACTOR TO ENSURE OPERATIONS INCLUDING TEMPORARY PEELING BACK OF MAT FOR EASE OF INSTALLATION, WILL RESULT IN MINIMUM DISRUPTION, AND RE-INSTALLATION AND SECURING MAT PROPERLY TO CONSULTANT'S SATISFACTION UPON COMPLETION OF PLANTING/SEEDING WORKS.
20. WATERING OPERATIONS TO BE CARRIED OUT AS PER SPECIFICATIONS, AND GERMINATION OF ANY APPLIED SEED TO BE MONITORED BY CONTRACTOR ON REGULAR BASIS TO ENSURE GOOD GERMINATION AND CONTROL/REMOVAL OF ANY WEEDS.
21. CONTRACTOR TO ENSURE ALL DISTURBED AREAS RECEIVED SPECIFIED DEPTH OF TOPSOIL AND SEEDING APPLICATION OF SPECIES OR SOD AS NOTED WITHIN PROJECT DRAWINGS.
22. ALL PLANTING BEDS TO BE MAINTAINED AND INSPECTED BY THE CONTRACTOR ON A REGULAR BASIS (BI-WEEKLY DURING SPRING/SUMMER SEASON), WITH CONTRACTOR REMOVING ALL WEEDS AND NON-SPECIFIED PLANT INVASION, MAINTAINING MINIMUM DEPTH OF MULCH COVER, AND REGULAR WATERING, FOR ENTIRE DURATION OF 2-YEAR WARRANTY PERIOD.

SOD AND FERTILIZING:

- 1. CONTRACTOR TO SUPPLY AND INSTALL TOPSOIL AND SOD TO ALL BOULEVARD AREAS AND ALL AREAS NOT DESIGNATED FOR PAVING, PLANTING, OR SEEDING.
2. SOD SHALL BE No. 1 CERTIFIED CULTIVATED TURF GRASS.
3. TOPSOIL SHALL BE EVENLY SPREAD OVER SUBGRADE AND LOOSELY COMPACTED TO 150mm MINIMUM DEPTH.
4. ALL STONES AND DEBRIS OVER 20mm DIA. SHALL BE REMOVED.
5. SOD SHALL BE PLACED WITH STAGGERED BUTT JOINTS, WATERED THOROUGHLY, AND ROLLED WHEN DRY.
6. LAY SOD SECTIONS PERPENDICULAR ON SLOPES GREATER THAN 3:1 AND SECURE WITH WOODEN PEGS. WOODEN PEGS TO BE 17 X 17 X 300mm. PLACE PEGS 3 PER SQUARE METRE, 100mm BELOW TOP EDGE TO PREVENT SHIFTING OF SOD AND DRIVE PEGS FLUSH WITH TOP OF SOD SOIL. PROVIDE A MINIMUM OF 2 STAKES PER ROLL OF SOD.
7. MAINTAIN SODDED AREA FROM THE TIME OF INSTALLATION UNTIL THIRTY (30) CALENDAR DAYS AFTER ALL SODDED AREAS HAVE BEEN REVIEWED BY THE CONSULTANT AND A CERTIFICATE OF SUBSTANTIAL PERFORMANCE IS ISSUED.
8. MAINTENANCE SHALL INCLUDE ALL NECESSARY MEASURES TO ESTABLISH AND MAINTAIN GRASS IN A HEALTHY, VIGOROUS GROWING CONDITION.
9. MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING WORK:
a) MOWING AT REGULAR INTERVALS TO MAINTAIN A MAXIMUM HEIGHT OF 60mm. DO NOT CUT MORE THAN 1/3 OF THE GRASS HEIGHT AT ANY ONE MOWING. TRIM AND CLIP EDGES. REMOVE CLIPPINGS AFTER MOWING AND TRIMMING.
b) WATERING WHEN REQUIRED IN SUFFICIENT QUANTITIES AND AT A FREQUENCY TO PREVENT SOD FROM DRYING OUT AND TO MAINTAIN SOIL UNDER SOD CONTINUOUSLY MOIST TO A DEPTH OF 75 TO 100mm.
c) FERTILIZE SODDED AREAS ONE MONTH AFTER SODDING WITH 2:1:1 RATIO FERTILIZER. SPREAD EVENLY AT A RATE AS PER MANUFACTURER'S INSTRUCTIONS AND WATER IN WELL, WITH A MINIMUM DEPTH OF INFILTRATION AS PREVIOUSLY MENTIONED.

PLANTING MATERIAL DELIVERY AND INSPECTION:

- 1. SPRAY ALL PLANT MATERIAL WITH ANTI DESICCANT PRIOR TO TRANSPORT.
2. KEEP ALL ROOTS AND ROOTBALLS MOIST PRIOR TO PLANTING.
3. OBTAIN LANDSCAPE ARCHITECT'S REVIEW ON ALL PLANT MATERIAL AT SOURCE OR UPON DELIVERY, PRIOR TO COMMENCEMENT OF PLANTING WORK.
4. THE REVIEW OF PLANT MATERIAL PRIOR TO PLANTING SHALL NOT IMPAIR THE RIGHT OF THE LANDSCAPE ARCHITECT TO REJECT PLANTS AFTER PLANTING, WHICH HAVE BEEN DAMAGED, OR WHICH IN ANY WAY DO NOT CONFORM TO THE SPECIFICATIONS.
5. SUBSTITUTIONS OF SIZE, OR WITH OTHER PLANT MATERIAL WILL ONLY BE ALLOWED WITH THE WRITTEN NOTICE OF THE CONSULTANT. SUBSTITUTIONS ARE SUBJECT TO APPROVAL BY THE MUNICIPALITY.
6. ALL MATERIAL MUST CONFORM TO THE SIZES SHOWN ON THE PLANT LIST, EXCEPT WHERE LARGER PLANT MATERIAL IS USED WHEN REVIEWED BY THE CONSULTANT. USE OF LARGER PLANTS WILL NOT INCREASE THE CONTRACT PRICE. UNDERSIZED MATERIAL WILL BE REJECTED.
7. ALL SHRUBS AND TREES SHALL CONFORM TO THE PRESENT STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION FOR SIZE AND SPECIES.
8. PLANTS ARE TO BE NURSERY GROWN UNDER PROPER CULTURAL CONDITIONS, IN PARTICULAR WITH RESPECT TO SPACING, PEST AND DISEASE CONTROL, AND BRANCH AND ROOT PRUNING.
9. TREES ARE TO HAVE STRAIGHT STURDY TRUNKS.
10. TREES SHALL BE WELL BRANCHED AND BALANCED WITH A STRONG CENTRAL LEADER.
11. DECIDUOUS SHADE TREES SHALL BE FREE OF BRANCHES LESS THAN 1.8M ABOVE THE GROUND.

TOPSOIL:

- 1. OBTAIN EVENLY MIXED TOPSOIL FROM STOCKPILE IF IT MEETS THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.
2. CONTRACTOR SHALL HAVE THE TOPSOIL (BOTH FROM STOCKPILE AND IMPORTED) TESTED BY AN OMAFRA ACCREDITED SOIL TESTING LABORATORIES IN ONTARIO. SUBMIT THE SOIL TESTING RESULTS TO THE LANDSCAPE ARCHITECT FOR REVIEW.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE TESTING OF TOP SOIL AND ALL RELATED COST.
4. CONTRACTOR SHALL AMEND THE TOPSOIL AS PER THE RECOMMENDATIONS FROM THE SOIL TESTING.
5. ALL TOPSOIL TO BE FREE OF SUBSOILS, CLAY, STONES GREATER THAN 20mm, ROOTS, EXCESS WATER, FROST AND OTHER EXTRANEIOUS MATTER.

PLANTING SOIL AND BED PREPARATION:

- 1. PLANTING SOIL SHALL NOT BE USED TO CONSTRUCT PERMANENT BERMS.
2. ALL PLANTING SOIL SHOULD BE FREE OF SUBSOILS, CLAY, STONES, ROOTS, EXCESS WATER, FROST AND OTHER EXTRANEIOUS MATTER.
3. PREPARE PLANTING BEDS PRIOR TO ARRIVAL OF PLANT MATERIAL ON SITE.
4. EXCAVATE PER PLANTING DETAILS.
5. PLANTING SOIL IS TO BE THOROUGHLY MIXED TO ELIMINATE AIR POCKETS AND PREVENT SETTLEMENT.

GUARANTEE AND FINAL INSPECTION:

- 1. AT THE COMPLETION OF PLANTING OPERATIONS, REMOVE ALL SURPLUS MATERIAL FROM THE SITE AT NO EXTRA COST.
2. MAKE GOOD ALL DAMAGE RESULTING FROM PLANTING OPERATIONS AT NO EXTRA COST.
3. PLANT MATERIAL SHALL BE GUARANTEED FOR A MINIMUM OF TWO YEARS FROM THE ISSUE DATE OF THE CERTIFICATE OF SUBSTANTIAL PERFORMANCE.
4. ALL PLANTS SHALL BE REVIEWED AT THE END OF THE GUARANTEE PERIOD. PLANTS WHICH, AT THAT TIME, ARE NOT IN HEALTHY VIGOROUS GROWING CONDITION, TO THE CONSULTANT'S SATISFACTION, SHALL BE REPLACED AT NO EXTRA CHARGE.

WATERING PROGRAM:

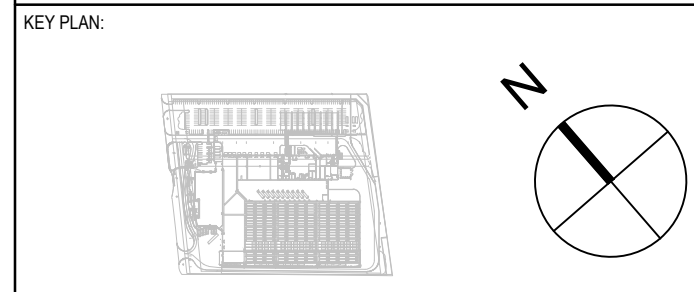
- 1. CONTRACTOR TO BE RESPONSIBLE FOR IRRIGATION OF ALL PLANT MATERIALS WITHIN THE SITE FOR PERIOD OF TWO YEARS AFTER ACCEPTANCE.



NOT FOR CONSTRUCTION



OAKVILLE TRANSIT ELECTRIFICATION PROGRAM
430 WYECROFT RD, OAKVILLE, ON L6K 2G7



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Table with 4 columns: BK, REV, DATE, DESCRIPTION. Includes revision history for the drawing.

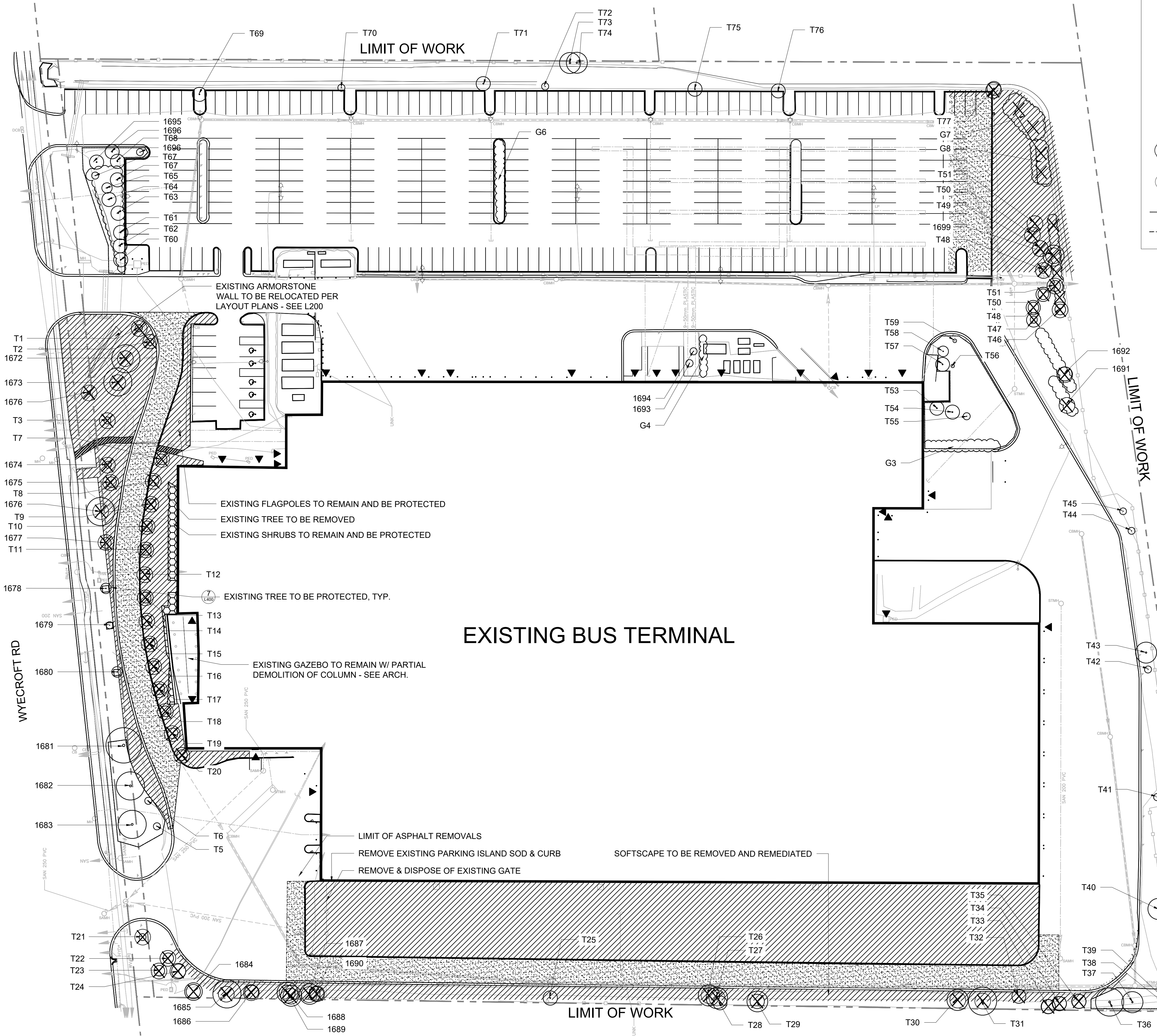
Table with 4 columns: PROJECT NO., ORIGINAL SCALE, DESIGNED BY, DRAWN BY. Includes project details.

Table with 2 columns: CHECKED BY, DISCIPLINE. Includes design review information.

TITLE: LANDSCAPE NOTES

Table with 2 columns: SHEET NUMBER, SHEET #. Includes sheet identification (L001, 01 OF 08).


DATE OF: AUG 07, 2024




LEGEND

- EXISTING SHRUBS TO BE PROTECTED
- CLEARING OF VEGETATION, NO GRUBBING. ALL DEBRIS TO BE REMOVED FROM SITE.
- EXISTING ASPHALT AND CURBS TO BE REMOVED AND DISPOSED OF OFFSITE, REFER TO CIVIL PLANS - REMOVALS
- EXISTING CONCRETE PATH TO BE REMOVED, REFER TO CIVIL PLANS - REMOVALS
- EXISTING VEGETATION TO BE REMOVED
- EXISTING TREES TO RETAIN AND BE PROTECTED
- PROPERTY LINES
- TREE PROTECTION FENCING


- GENERAL NOTES:**
1. SEE SHEET L001 FOR FULL PROJECT NOTES.
 2. ALL EXISTING AND PROPOSED DESIGN ELEMENTS TO BE VERIFIED BY CONTRACTOR PRIOR TO ANY WORK.
 3. REFER TO ENGINEERING PACKAGE FOR ALL HARDSCAPE DETAILING AND INSTRUCTION. LANDSCAPE LAYOUT SHEETS DISPLAYING HARDSCAPE ARE FOR GRAPHIC INFORMATION ONLY.
 4. SEE TREE PROTECTION PLANS FOR FULL ARBORIST NOTES AND REMOVALS.



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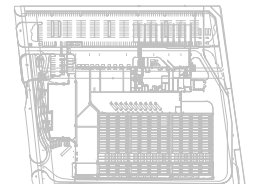


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OAKVILLE

CLIENT REF. #
PROJECT:
OAKVILLE TRANSIT ELECTRIFICATION PROGRAM
430 WYECROFT RD, OAKVILLE, ON L6K 2G7

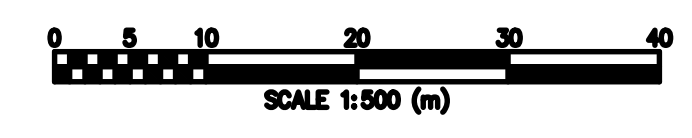
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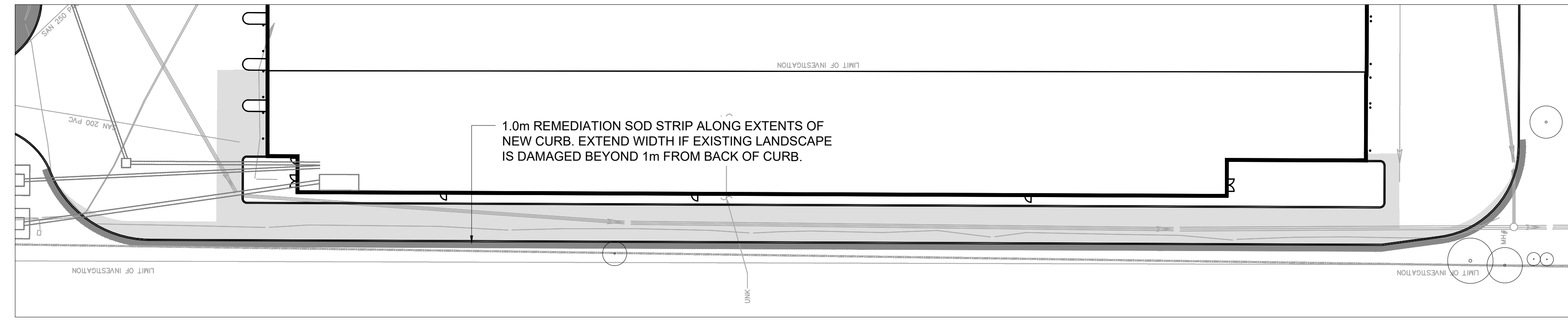
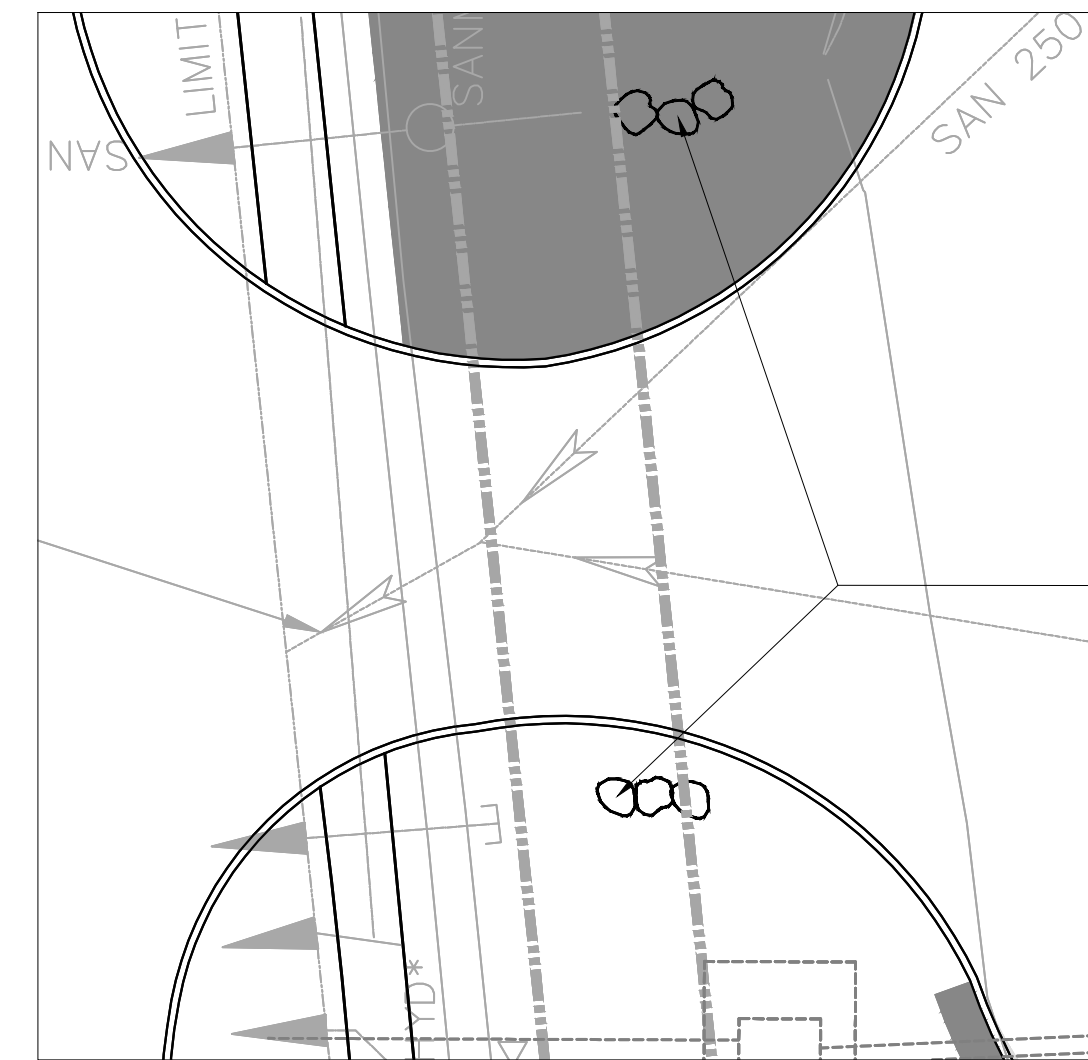
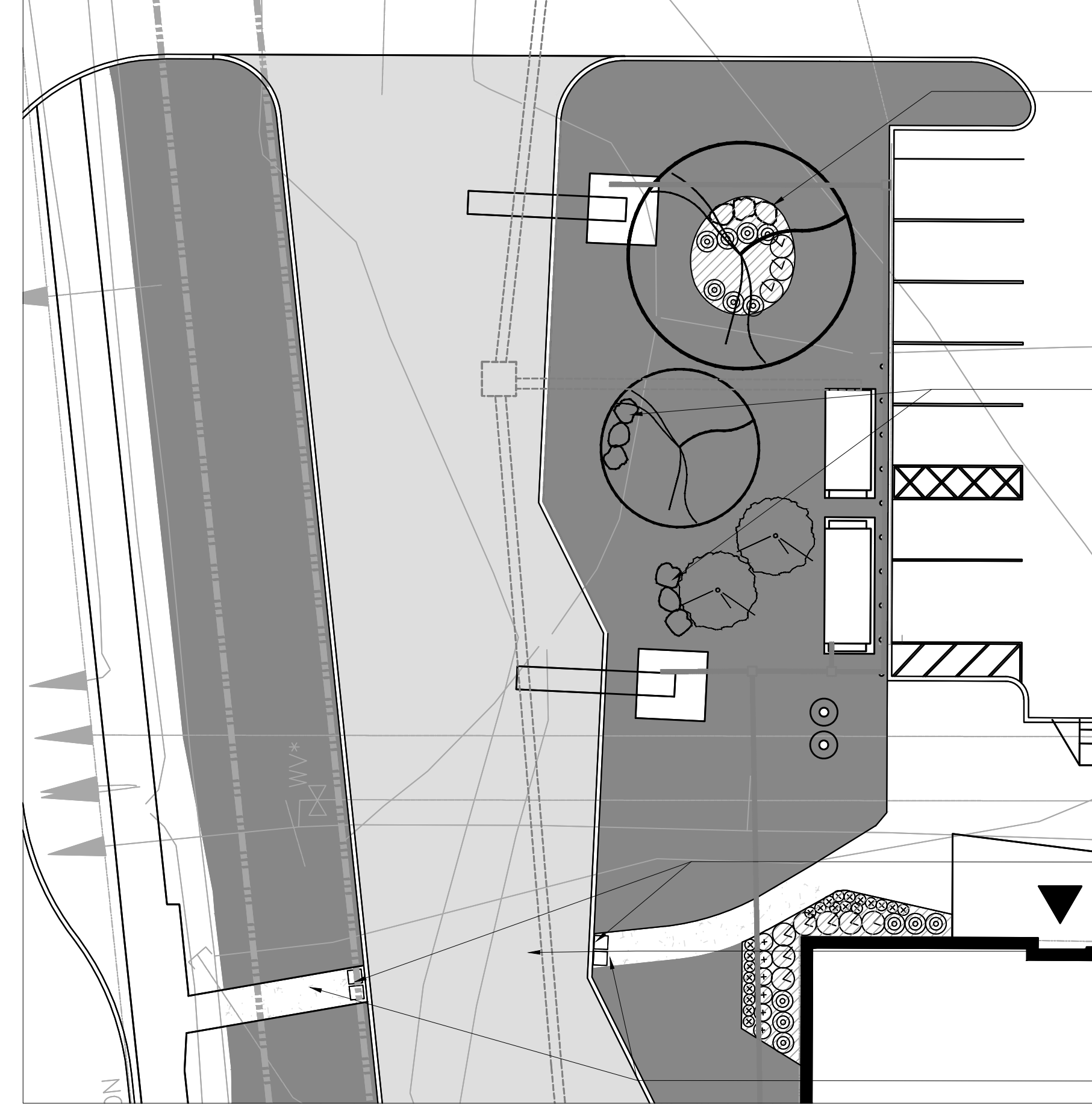
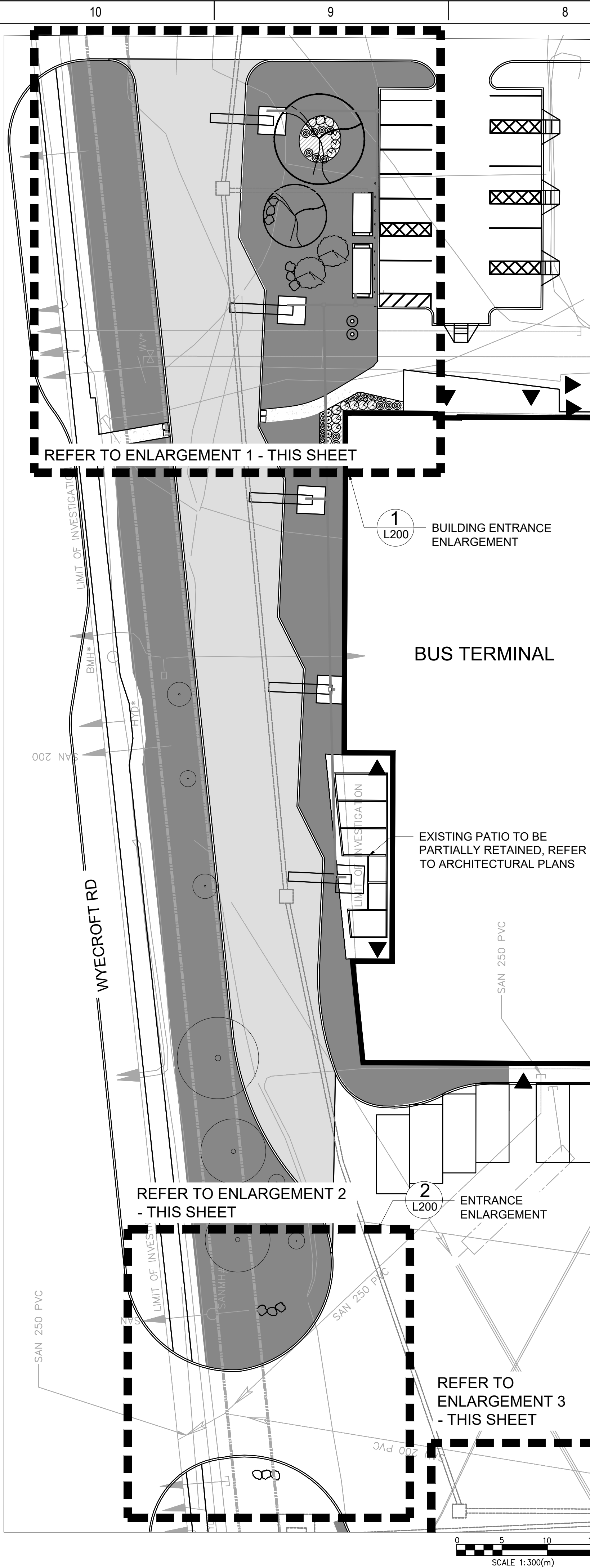
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ISSUED FOR - REVISION	DATE	DESCRIPTION
BK 05	24-08-07	ISSUED FOR 100% REVIEW
BK 04	24-07-12	ISSUED FOR 100% DESIGN REVIEW
BK 03	24-04-12	ISSUED FOR 60% REVIEW
BK 02	24-03-01	ISSUED FOR SITE PLAN APPLICATION
BK 01	24-02-23	ISSUED FOR 60% DESIGN

PROJECT NO: 221-04536-00 DATE: 2024/04/12
ORIGINAL SCALE: N/A
DESIGNED BY: JS/BK
DRAWN BY: BK/KL
CHECKED BY: JS
DISCIPLINE: **LANDSCAPE**
TITLE: **LANDSCAPE REMOVALS & PROTECTION PLAN**

SHEET NUMBER: **L002**
SHEET #: 02 OF 08
ISSUE 05
DATE OF: AUG 07, 2024





LEGEND

- PROPOSED SODDED AREA
- PROPOSED PLANTING BED
- PROPOSED CONCRETE, REFER TO CIVIL PLANS
- PROPOSED HEAVY DUTY ASPHALT, REFER TO CIVIL PLANS
- EXISTING TREES TO REMAIN
- EXISTING SHRUB
- PROPOSED PERENNIALS
- PROPOSED SHRUBS
- PROPOSED DECIDUOUS TREES
- PROPOSED CONIFEROUS TREES
- PROPOSED ARMOUR STONES
- PROPERTY LINE
- PROPOSED LIGHT POST - ELEC.

- GENERAL NOTES:**
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OAKVILLE

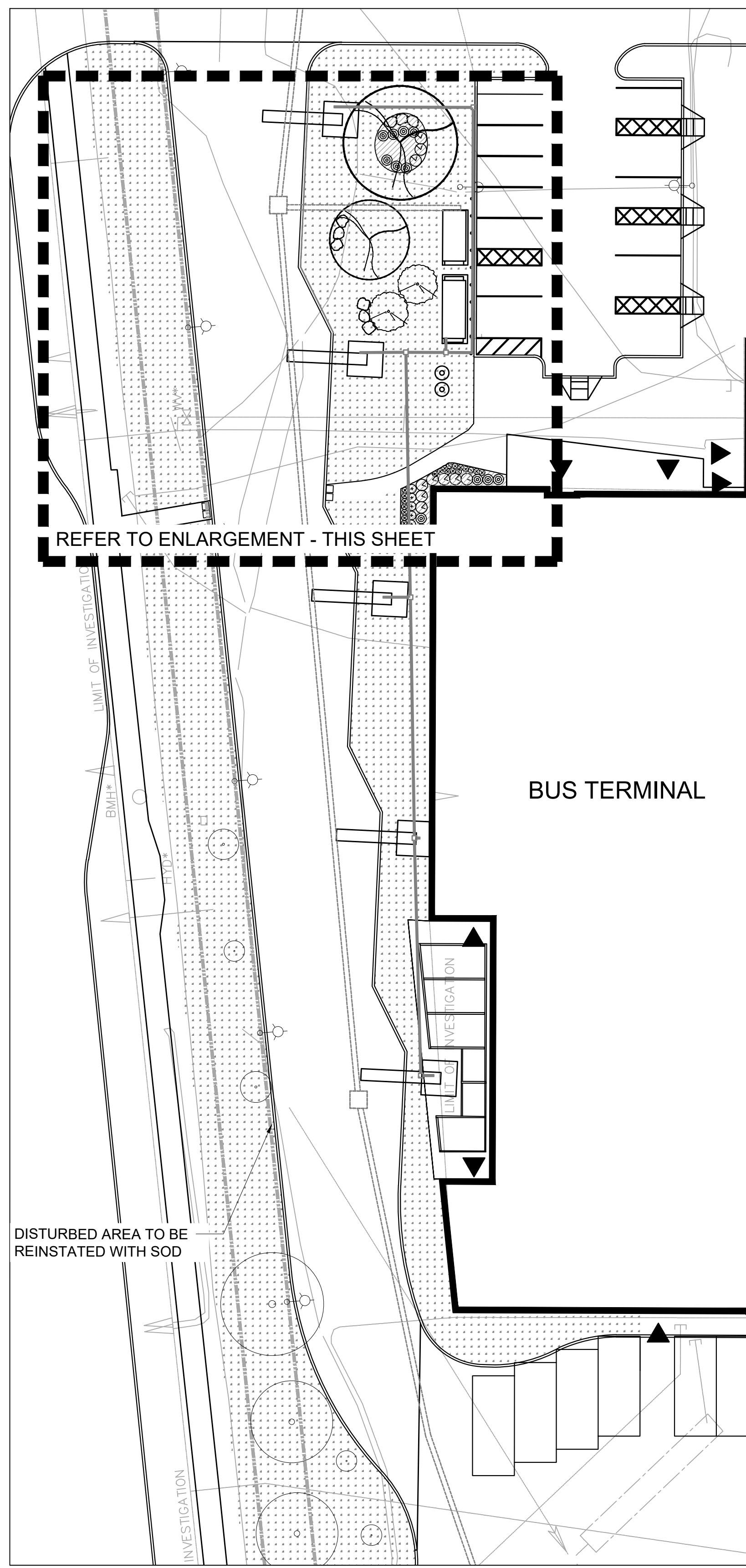
CLIENT: OAKVILLE TRANSIT ELECTRIFICATION PROGRAM
 PROJECT: 430 WYECROFT RD, OAKVILLE, ON L6K 2G7

KEY PLAN:

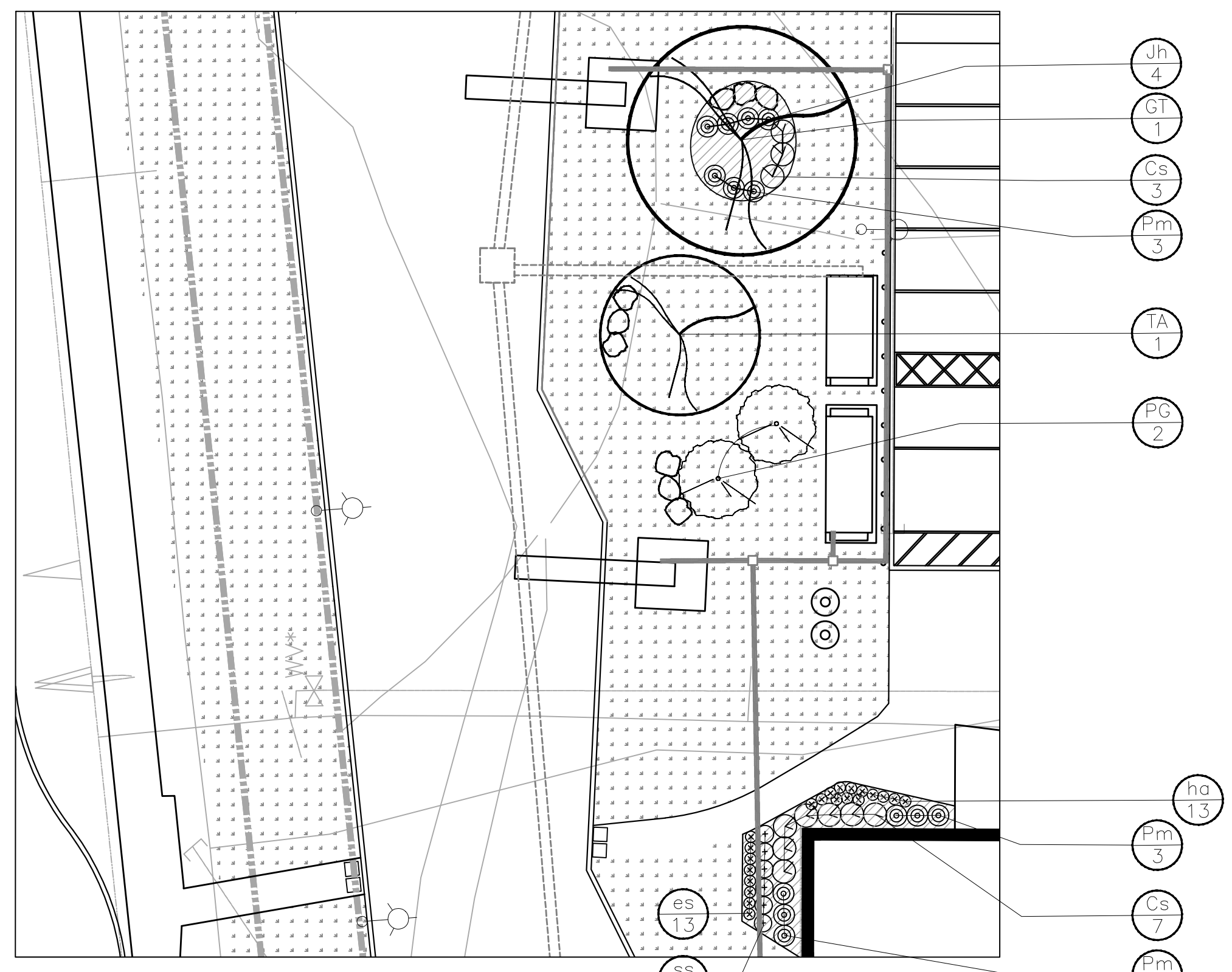
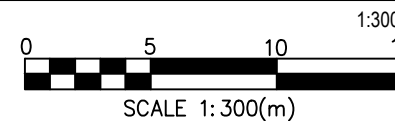
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IS	REV	DATE	DESCRIPTION
BK	07	24-08-07	ISSUED FOR 100% REVIEW
BK	06	24-07-12	ISSUED FOR 100% DESIGN REVIEW
BK	05	24-04-12	ISSUED FOR 60% REVIEW
BK	04	24-03-01	ISSUED FOR SITE PLAN APPLICATION
BK	03	24-02-29	ISSUED FOR 60% DESIGN

PROJECT NO: 221-04536-00
 ORIGINAL SCALE: N/A
 DESIGNED BY: JS/BK
 DRAWN BY: BK/KL
 CHECKED BY: JS
 DISCIPLINE: **LANDSCAPE**
 TITLE: **LANDSCAPE LAYOUT PLAN**
 SHEET NUMBER: **L200**
 SHEET # **04** OF **08**
 ISSUE **07**
 DATE OF: **AUG 07, 2024**



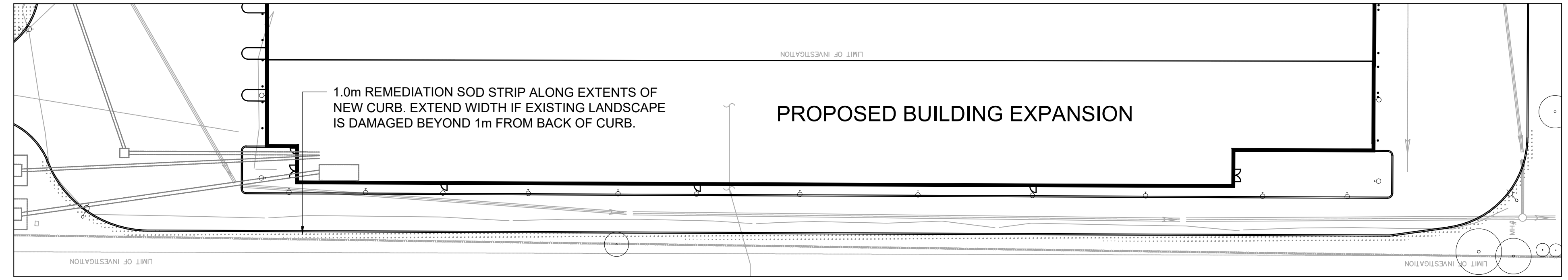
1 NORTH PLANTING AREA



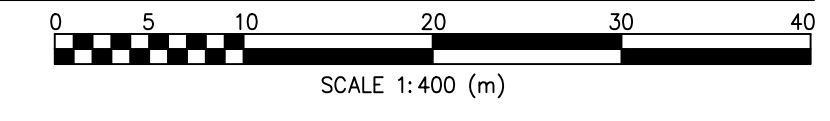
3 BUILDING ENTRANCE ENLARGEMENT



KEY	BOTANIC NAME	COMMON NAME	Qty.	Size	SPACING	REMARKS
DECIDUOUS TREES						
GT	Gleditsia triacanthos	Honey Locust	1	60mm Cal.	as shown	straight trunk, full crown
TA	Tilia americana	American Basswood	1	60mm Cal.	as shown	straight trunk, full crown
CONIFEROUS TREES						
PG	Picea glauca	White Spruce	2	1 m Ht.	as shown	Intact leader, full branches
DECIDUOUS SHRUBS						
Cs	Cornus sericea	Red osier dogwood	10	3 gal	0.75-1.5m O.C.	3 stems min, full bushy
CONIFEROUS SHRUBS						
Jh	Juniperus horizontalis 'Prince of Wales'	Prince of Wales Juniper	4	3 gal	0.5 m O.C.	
Pm	Pinus Mugo	Mugo Pine	9	3 gal	0.5 m O.C.	
GRASS AND SEDGES						
ss	Schizachyrium scoparium	Little Bluestem	6	1 gal	0.5 m O.C.	full vigorous specimen
PERENNIALS						
es	Echinacea Sombroero 'Salsa Red'	Salsa Red Coneflower	13	1 gal	0.5 m O.C.	full vigorous specimen
ha	Hemerocallis 'All Fired Up'	Reblooming Daylily	13	1 gal	0.5 m O.C.	full vigorous specimen



2 WEST PLANTING AREA



LEGEND

- PROPOSED SODDED AREA
- PROPOSED PLANTING BED
- PROPOSED CONCRETE, REFER TO CIVIL PLANS
- EXISTING TREES TO REMAIN
- EXISTING VEGETATION
- PROPOSED PERENNIALS
- PROPOSED SHRUBS
- PROPOSED DECIDUOUS TREES
- PROPOSED CONIFEROUS TREES
- PROPOSED ARMOUR STONES
- PROPERTY LINE
- PROPOSED LIGHT POST - SEE ELEC.

GENERAL NOTES:

- SEE SHEET L001 FOR FULL PROJECT NOTES.

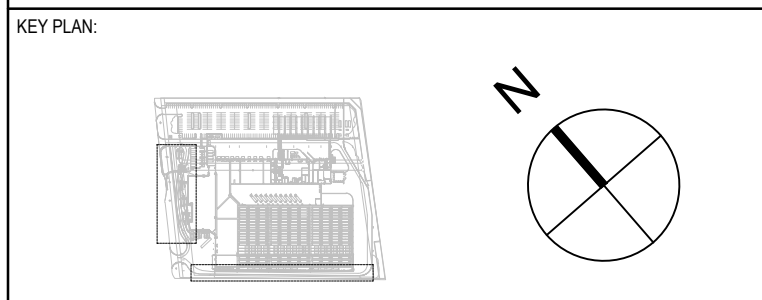


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OAKVILLE TRANSIT ELECTRIFICATION PROGRAM

430 WYECROFT RD, OAKVILLE, ON L6K 2G7



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BK	04	24-03-01	ISSUED FOR SITE PLAN APPLICATION
BK	03	24-02-23	ISSUED FOR 60% DESIGN
BK	02	23-12-07	RE-ISSUED FOR 30% DESIGN
BK	01	23-11-14	ISSUED FOR 30% DESIGN

PROJECT NO: 221-04536-00 DATE: 2024/04/12

ORIGINAL SCALE: N/A

DESIGNED BY: JS/BK

DRAWN BY: BK/KL

CHECKED BY: JS

DISCIPLINE: LANDSCAPE

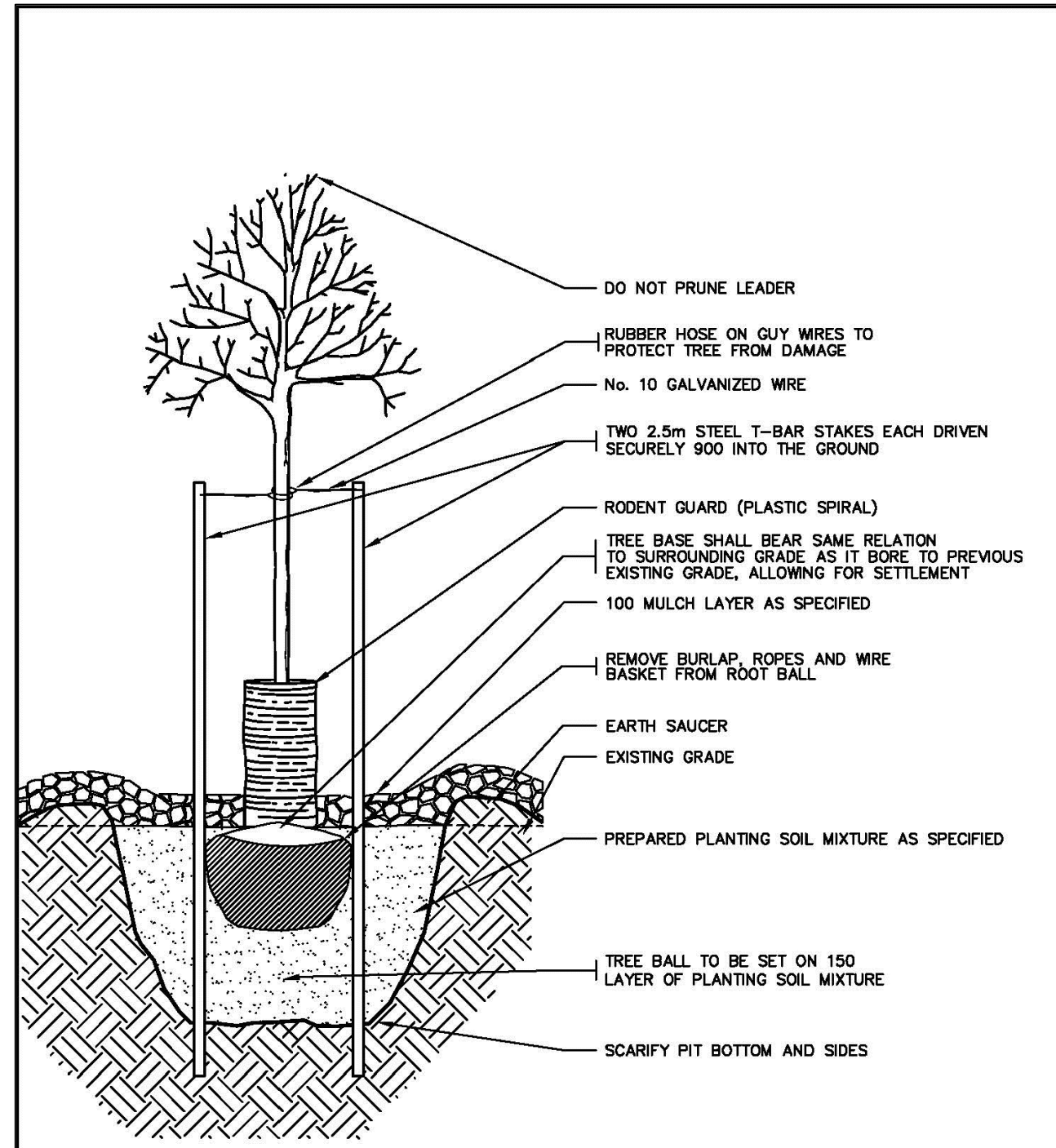
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SHEET NUMBER: L300

SHEET #: 05 OF 08

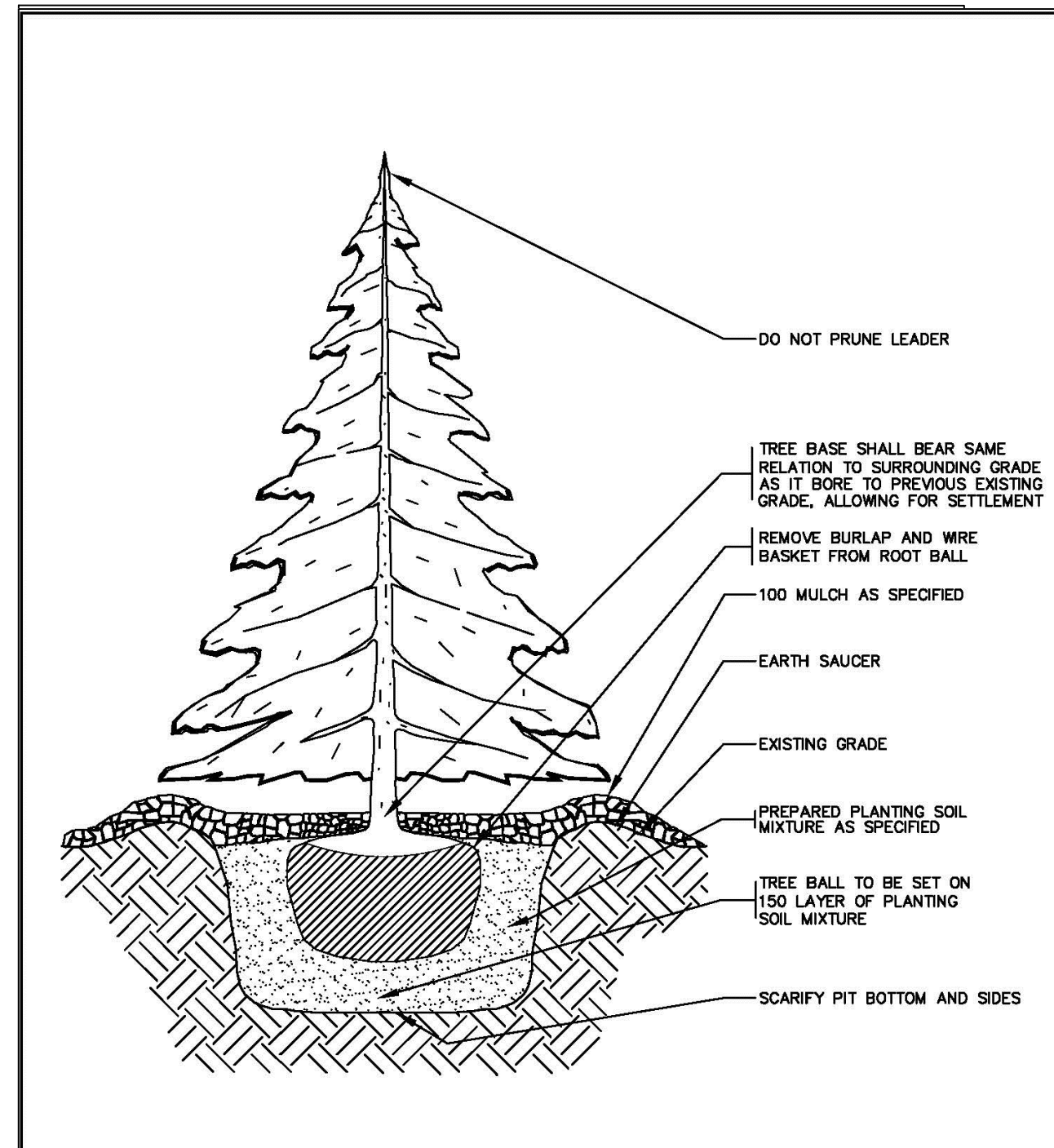
ISSUE 07

DATE OF: AUG 07, 2024



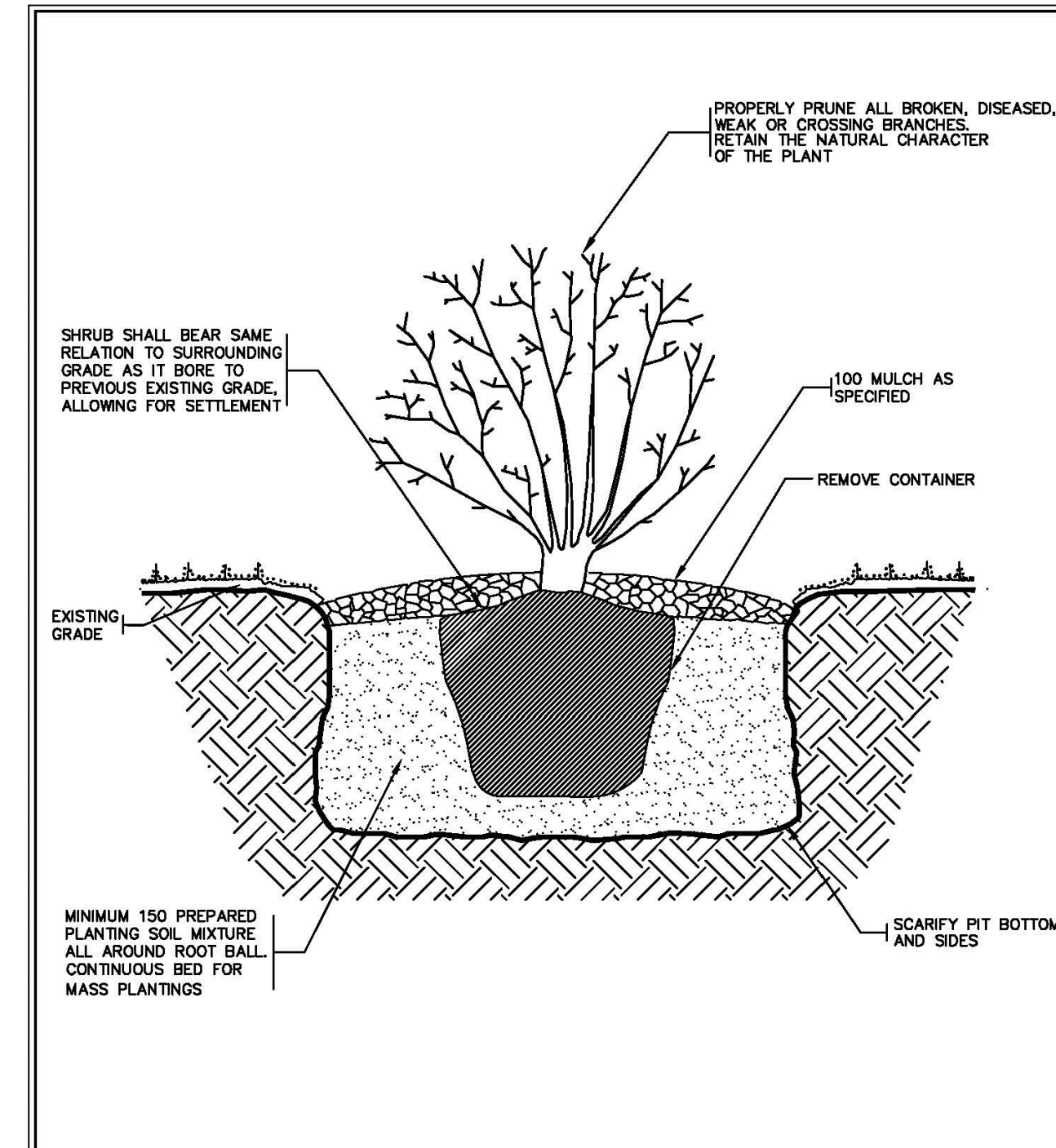
ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED
 THE REGIONAL MUNICIPALITY OF HALTON
 PUBLIC WORKS DEPARTMENT
 Date: January 2014 Rev. 1 NTS
DECIDUOUS TREE PLANTING 40mm, 50mm & 60mm CALLIPER
 REGION STANDARD RH 100.03

01 DECIDUOUS TREE PLANTING
L400



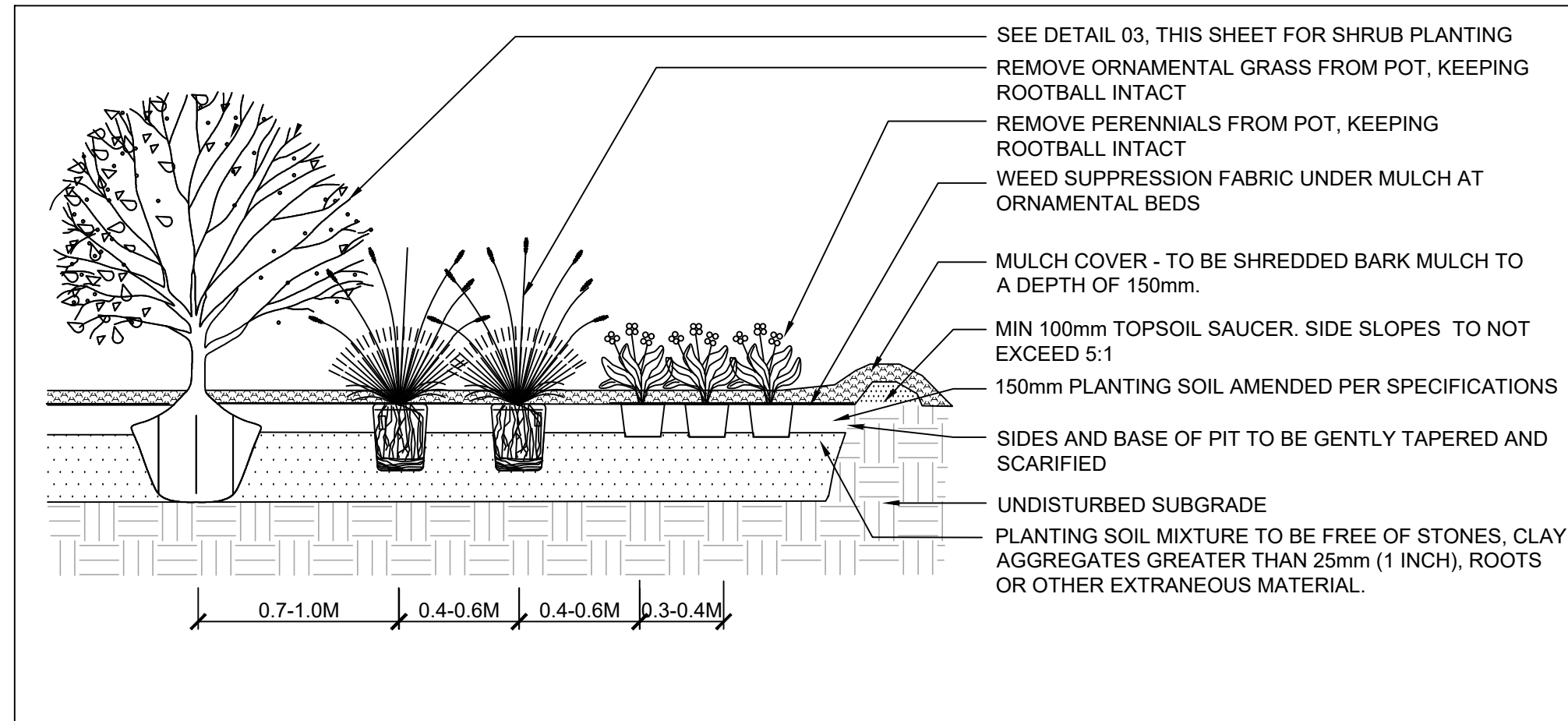
ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED
 THE REGIONAL MUNICIPALITY OF HALTON
 PUBLIC WORKS DEPARTMENT
 Date: January 2014 Rev. 1 NTS
CONIFEROUS TREE PLANTING 1.25m HEIGHT AND SMALLER
 REGION STANDARD RH 100.05

02 CONIFEROUS TREE PLANTING
L400

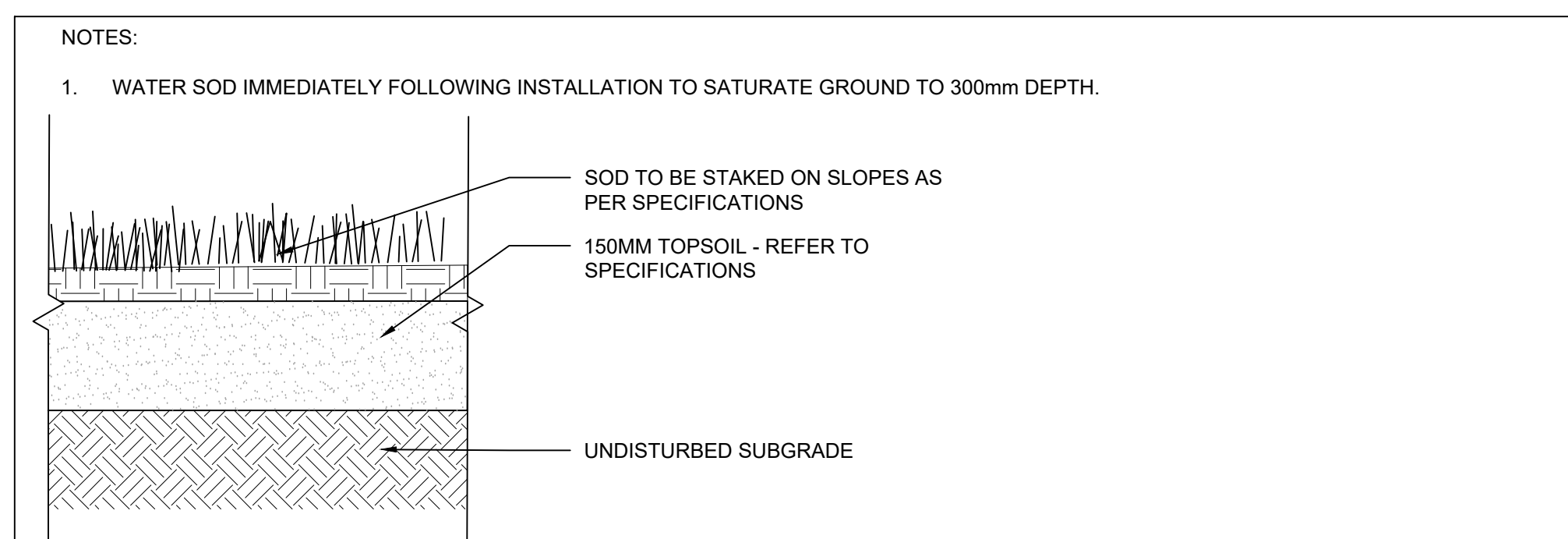


ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED
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 PUBLIC WORKS DEPARTMENT
 Date: January 2014 Rev. 1 NTS
SHRUB PLANTING POTTED
 REGION STANDARD RH 100.01

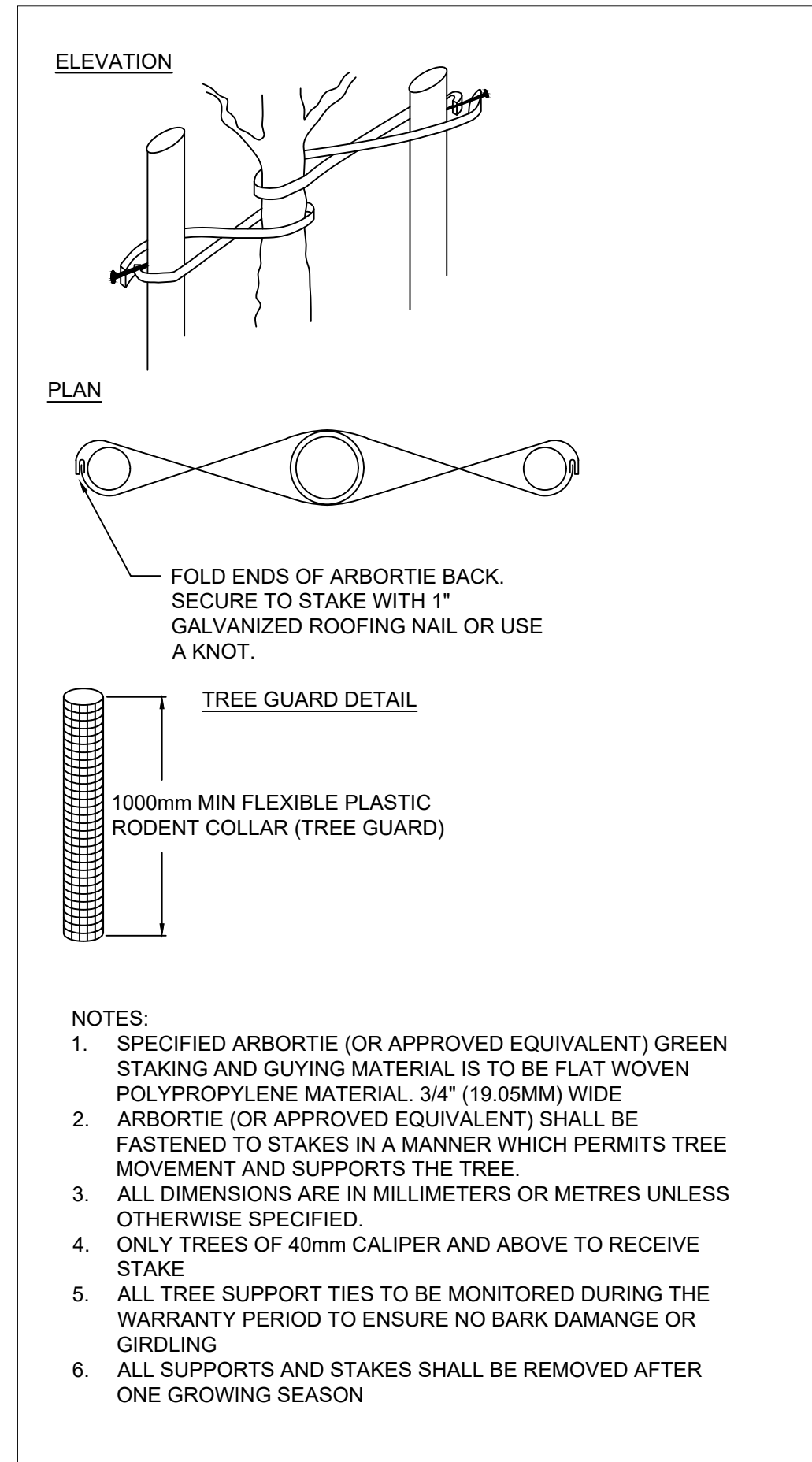
03 SHRUB PLANTING
L400



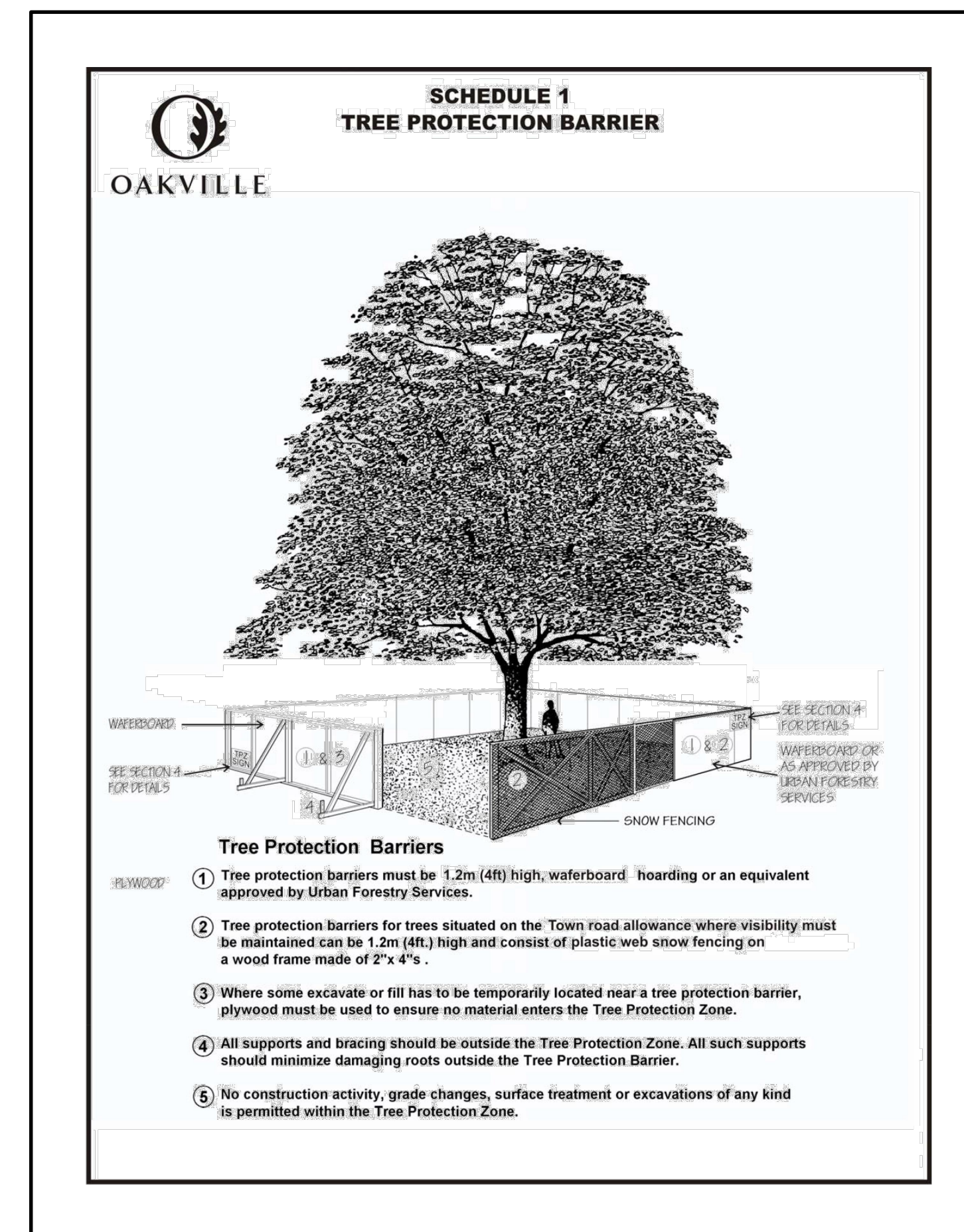
04 PERENNIAL PLANTING BED, TYP.
L400 NTS



05 SOD DETAIL
L400 NTS



06 BIODEGRADABLE SUPPORT & STAKE, TYP.
L400 NTS



07 TREE PROTECTION FENCING, TYP.
L400 NTS



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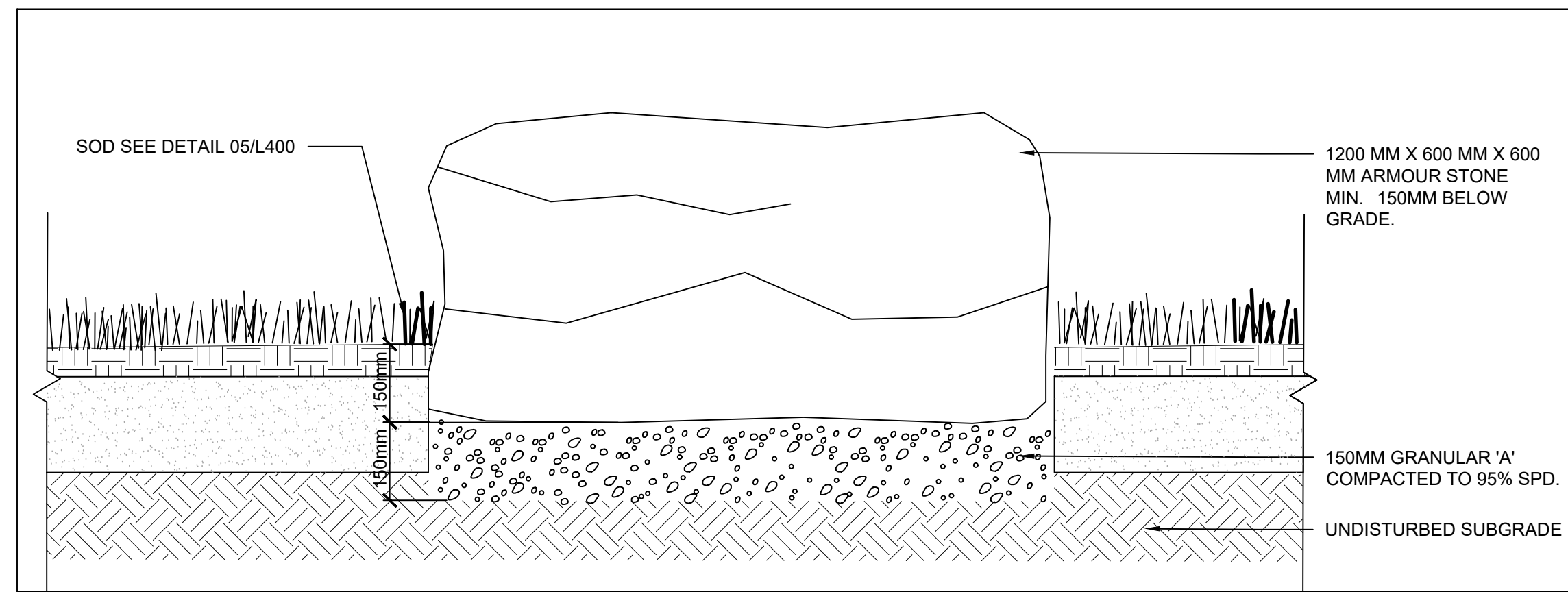
OAKVILLE TRANSIT ELECTRIFICATION PROGRAM
 430 WYECROFT RD, OAKVILLE, ON L6K 2G7

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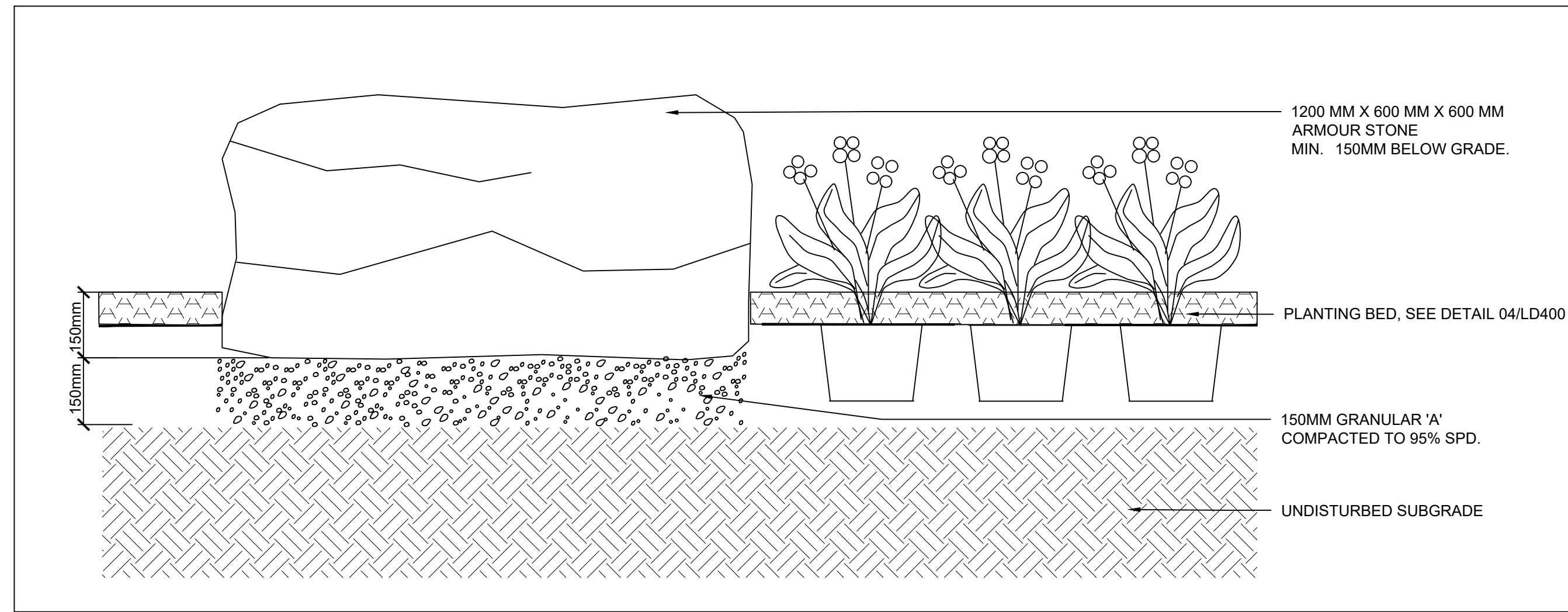
PROJECT NO: 221-04536-00
 ORIGINAL SCALE: N/A
 DESIGNED BY: JS/BK
 DRAWN BY: BK/KL
 CHECKED BY: JS
 DISCIPLINE: LANDSCAPE
 TITLE: LANDSCAPE DETAILS

SHEET NUMBER: L400
 SHEET #: 07 OF 08
 ISSUE: 07
 DATE OF: AUG 07, 2024



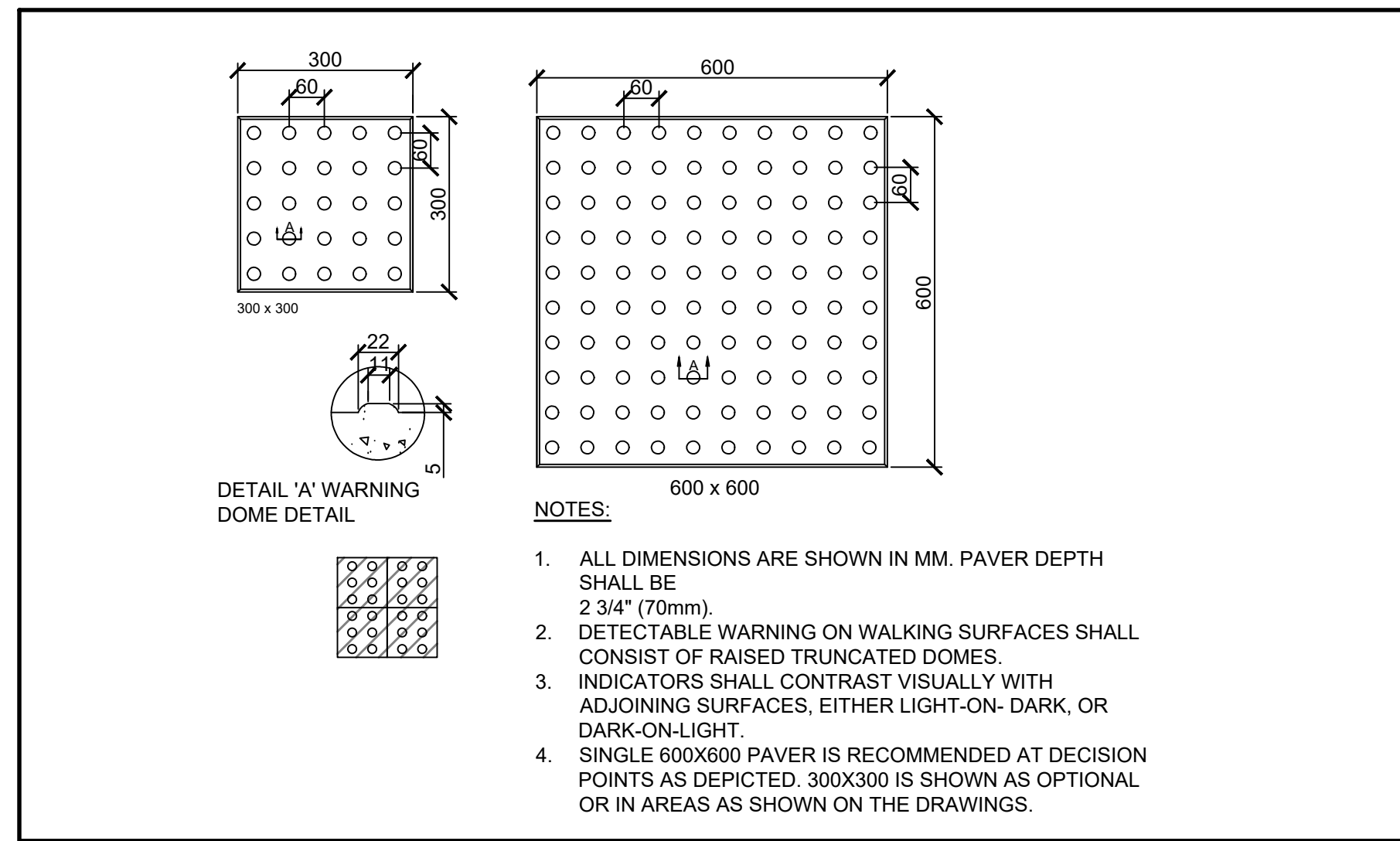
01 ARMOUR STONE ON SOD DETAIL
L401

NTS

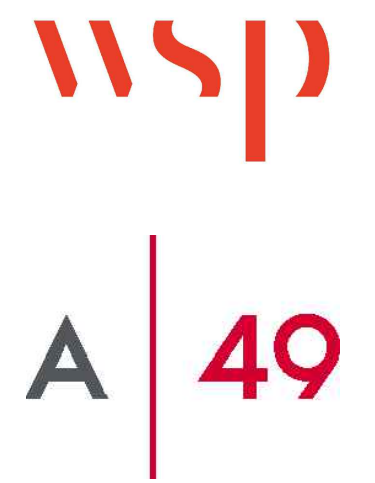


02 ARMOUR STONE ON PLANTING BED DETAIL
L401

NTS



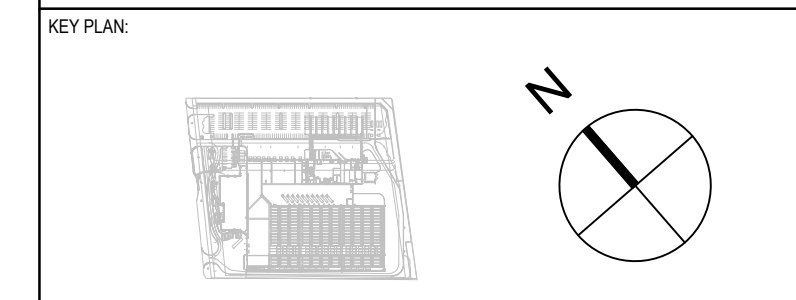
03 TACTILE PAVER
L401



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OAKVILLE TRANSIT ELECTRIFICATION PROGRAM
430 WYECROFT RD, OAKVILLE, ON L6K 2G7



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PROJECT NO: 221-04536-00 DATE: 2024/04/12

ORIGINAL SCALE: N/A

DESIGNED BY: JS/BK

DRAWN BY: BK/KL

CHECKED BY: JS

DISCIPLINE: LANDSCAPE

TITLE: LANDSCAPE DETAILS

SHEET NUMBER: L401

SHEET #: 08 OF 08

ISSUE #: 07

DATE OF: AUG 07, 2024