

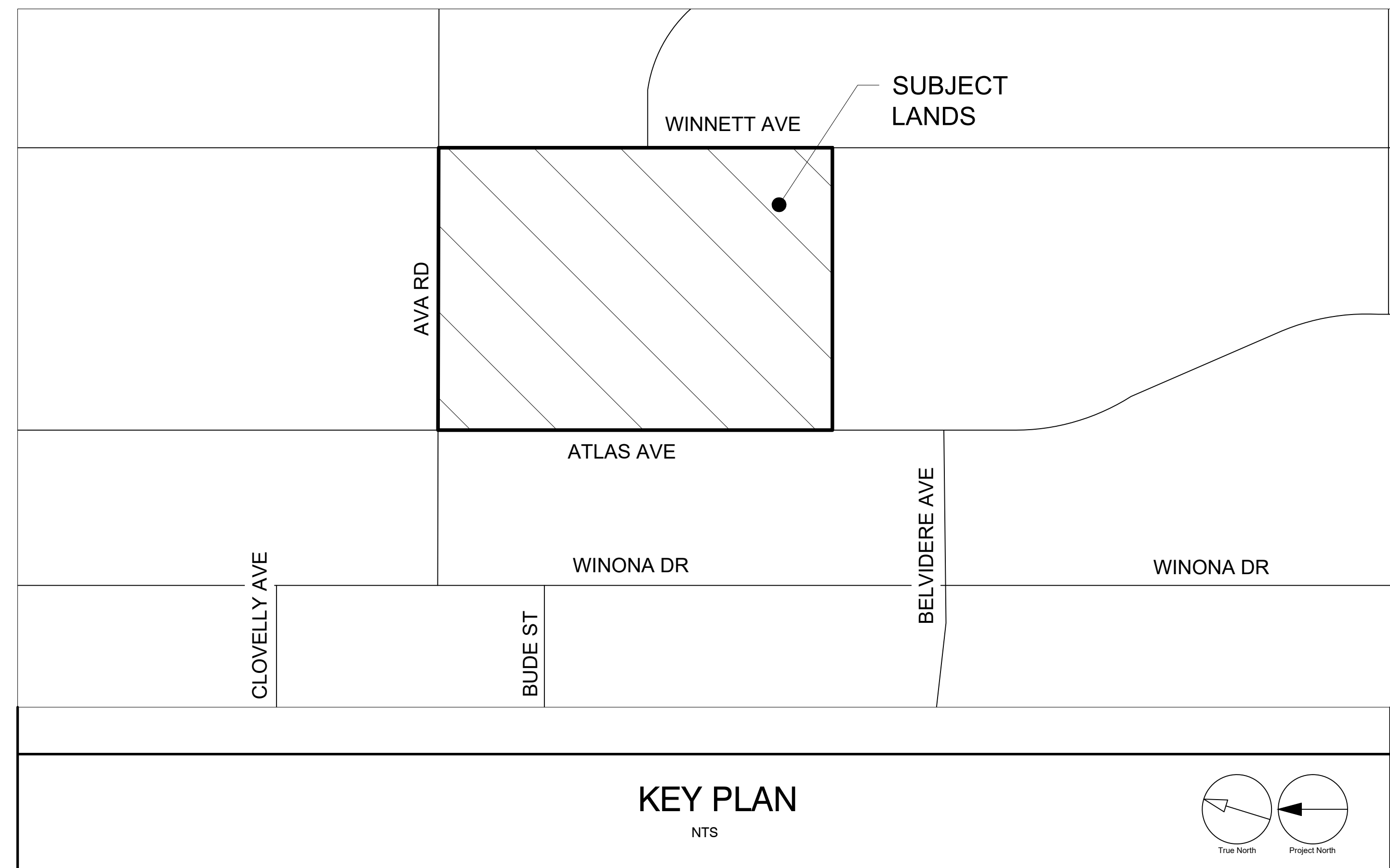


J R WILCOX COMMUNITY SCHOOL

231 AVA ROAD, YORK, ON M6C 1X3

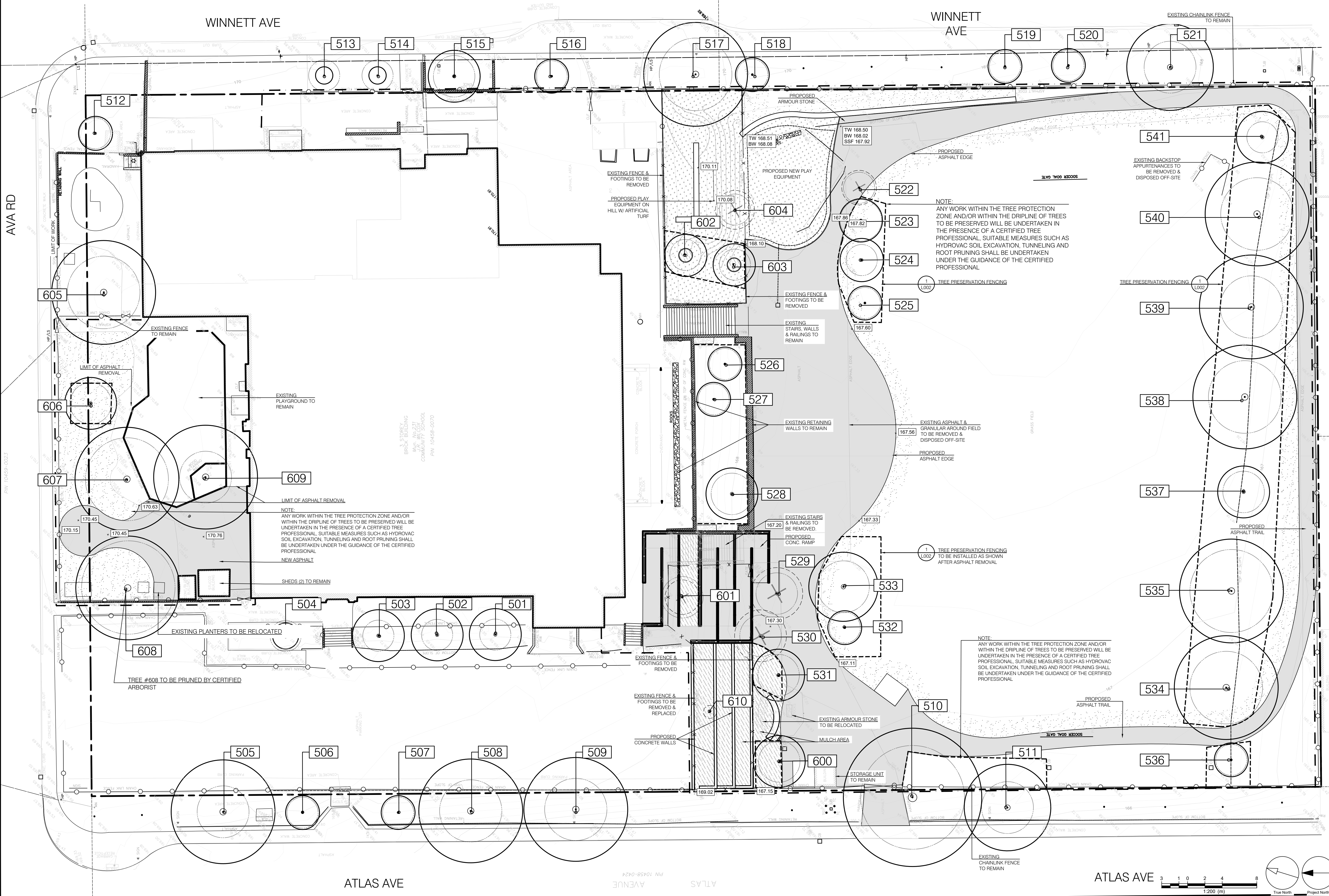
List of Drawings

- L001 Tree Protection Plan
- L002 Tree Protection Detail
- L100 Existing Conditions and Removals Plan
- L101 Overall Landscape Plan
- L102 Landscape Enlargements
- L103 Landscape Enlargements
- L201 Landscape Details
- L202 Landscape Details
- L203 Landscape Details
- L204 Landscape Details
- S001 Structural General Notes
- S101 Structural Plan
- S301 Structural Sections and Details
- S302 Structural Sections and Details



LEGEND

	ARTIFICIAL TURF		CONCRETE PAVING		EX. DECIDUOUS TREE TO REMAIN		EX. DECIDUOUS TREE TO BE REMOVED		LIMIT OF WORK		TREE TAG / IDENTIFICATION
	MULCHED AREA		PROPOSED ASPHALT		EXISTING FENCE TO REMAIN		EXISTING FENCE TO BE REMOVED		TREE PRESERVATION FENCING SEE DETAIL 1, L002		FOR EXISTING TREE IDENTIFICATION TABLE AND TREE PRESERVATION DETAILS, REFER TO L002

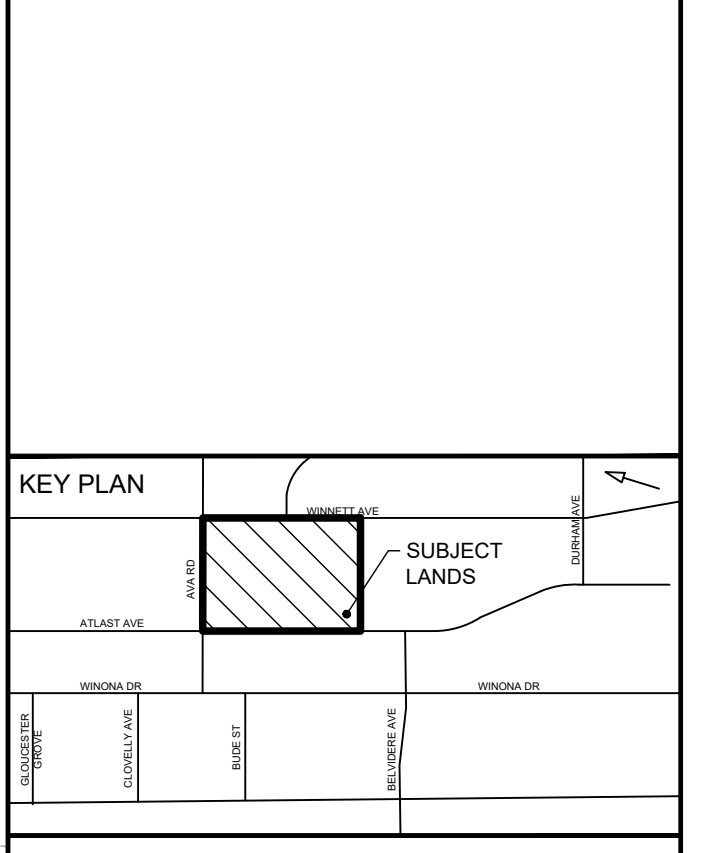


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PROJECT
J R WILCOX COMMUNITY SCHOOL MASTER PLAN
231 AVA RD YORK, ONTARIO

PROJECT NO:
140843

DRAWN BY:
SW

CHECKED BY:
TO

PROJECT MGR:
TO

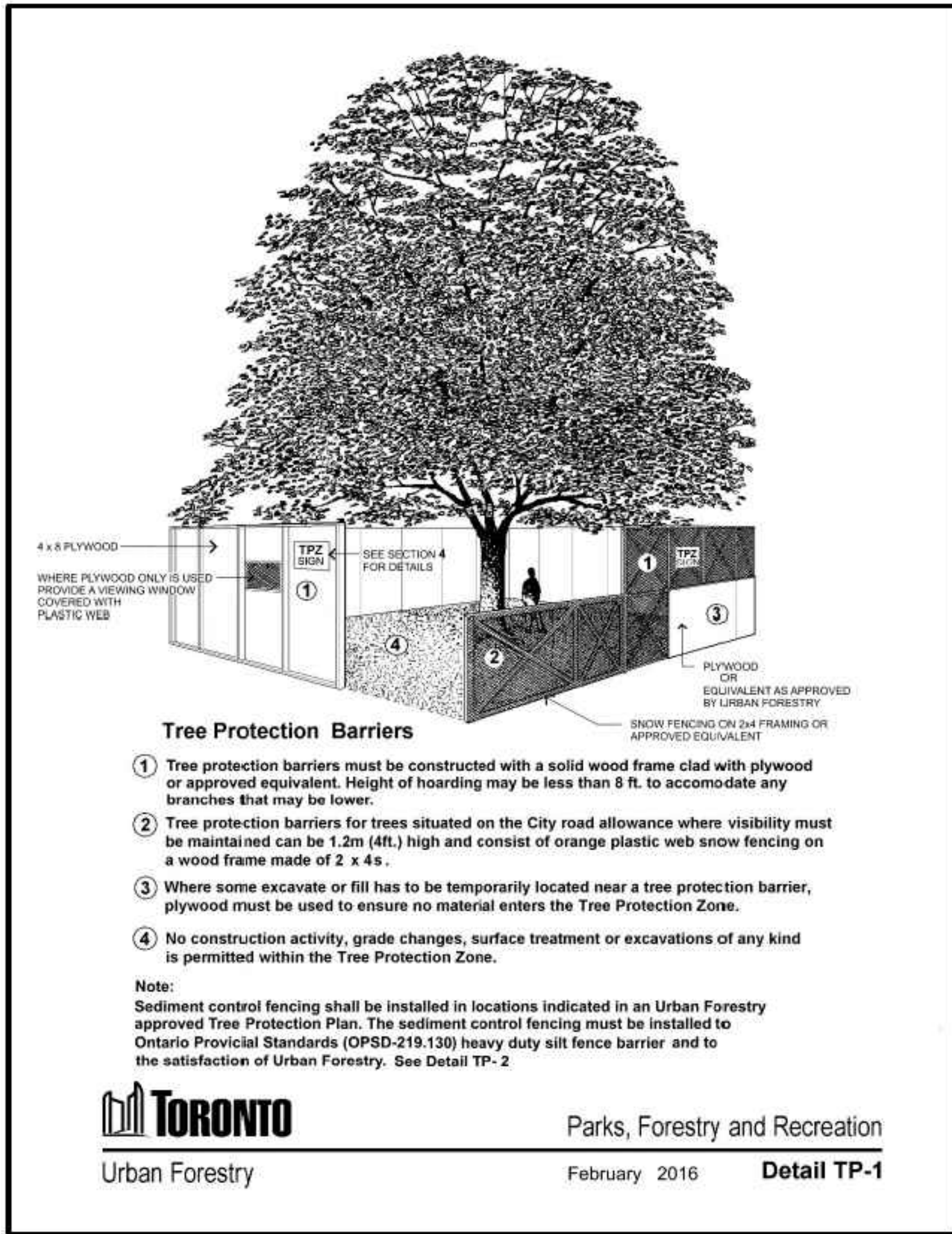
APPROVED BY:
TO

SHEET TITLE
TREE PROTECTION PLAN

SHEET NUMBER
L001

ISSUE
1

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1 TREE PRESERVATION FENCING
L002 N.T.S



2 TREE PRESERVATION SIGN
L002 N.T.S

TREE NO. OR GRP	BOTANICAL NAME	COMMON NAME	DBH (cm)	CONDITION (1)	MINIMUM TREE PROTECTION ZONE (MTPZ) (m)	CATEGORY (2)	IMPACTS OF DEVELOPMENT (4)	RECOMMENDATION (5)	COMMENTS (6)
501	ACER RUBRUM	RED MAPLE	23.0	G	1.8	0	NONE	P	
502	ACER PLATANOIDES	NORWAY MAPLE	22	G	1.8	0	NONE	P	
503	ACER SACCHARINUM	SUGAR MAPLE	29.0	G	1.8	0	NONE	P	
504	ACER PLATANOIDES 'CRIMSON	CRIMSON KING MAPLE	10	G	1.8	0	NONE	P	
505	FRAXINUS SPP.	ASH SPP.	50	G	3.0	5	NONE	P	
506	GYMNOCLADUS DIOICUS	KENTUCKY COFFEE TREE	17.5	G	1.8	5	NONE	P	
507	QUERCUS RUBRA	RED OAK	16.5	G	1.8	5	NONE	P	
508	FRAXINUS SPP.	ASH SPP.	54	F	3.6	5	NONE	P	
509	FRAXINUS SPP.	ASH SPP.	56	P	3.6	5	NONE	P	
510	ACER SACCHARINUM	SILVER MAPLE	94.0	G	6.0	5	INJURED: NEW ASPHALT	I	
511	FRAXINUS SPP.	ASH SPP.	46.0	F	3.0	5	NONE	P	
512	TILIA AMERICANA	BASSWOOD	15.0	G	1.8	0	NONE	P	
513	ACER RUBRUM	RED MAPLE	11.0	G	1.8	5	NONE	P	
514	ACER RUBRUM	RED MAPLE	11.0	G	1.8	5	NONE	P	
515	QUERCUS MACROCARPA	BUR OAK	30.0	G	2.4	5	NONE	P	
516	QUERCUS ALBA	WHITE OAK	18.0	G	1.8	5	NONE	P	
517	QUERCUS MACROCARPA	BUR OAK	64.0	G	4.2	5	INJURED: GRADING & NEW SURFACING	P	
518	ULMUS AMERICANA	ELM	14.0	G	1.8	5	NONE	P	
519	SYRINGA RETICULATA	LILAC	12(4)	G	1.8	5	NONE	P	
520	GYMNOCLADUS DIOICUS	KENTUCKY COFFEE TREE	15(2)	G	1.8	5	NONE	P	
521	ACER PLATANOIDES	NORWAY MAPLE	46.0	G	3.0	5	INJURED: NEW ASPHALT	I	
522	LIRIODENDRON	TULIP TREE	19.0	G	1.8	0	IMPACTED: NEW ASPHALT	R	
523	ACER FREEMANII	FREEMAN MAPLE	32.0	F	2.4	1	INJURED: NEW ASPHALT	I	BARK DAMAGE
524	LIRIODENDRON	TULIP TREE	22.0	G	1.8	0	NONE	P	
525	ACER RUBRUM	RED MAPLE	15.0	F	1.8	0	NONE	P	BARK DAMAGE
526	ACER FREEMANII	FREEMAN MAPLE	14.0	G	1.8	0	NONE	P	
527	ACER FREEMANII	FREEMAN MAPLE	13.0	G	1.8	0	NONE	P	
528	FRAXINUS SPP.	ASH SPP.	34.0	G	2.4	1	NONE	P	
529	TILIA AMERICANA	BASSWOOD	34.0	G	2.4	1	IMPACTED: NEW RAMP	R	
530	TILIA AMERICANA	BASSWOOD	37.0	G	2.4	1	IMPACTED: NEW RAMP	R	
531	TILIA AMERICANA	BASSWOOD	31.0	G	2.4	1	INJURED: NEW ASPHALT	I	
532	ACER FREEMANII	FREEMAN MAPLE	16.0	G	1.8	0	NONE	P	
533	GLEDITSIA TRIACANTHOS	HONEY LOCUST	47.0	G	3.0	1	NONE	P	
534	ACER SACCHARINUM	SILVER MAPLE	63.0	G	4.2	1	INJURED: NEW ASPHALT	I	
535	ACER SACCHARINUM	SILVER MAPLE	74.0	G	4.8	1	NONE	P	
536	AMELANCHIER LAEVIS	SERVICEBERRY	15.0	F	1.8	0	NONE	P	
537	ACER SACCHARINUM	SILVER MAPLE	37.0	G	2.4	1	NONE	P	
538	ACER SACCHARINUM	SILVER MAPLE	66.0	G	4.2	1	NONE	P	
539	ACER SACCHARINUM	SILVER MAPLE	54.0	G	3.6	1	INJURED: NEW ASPHALT	I	
540	ACER SACCHARINUM	SILVER MAPLE	70.0	G	4.2	1	INJURED: NEW ASPHALT	I	
541	PLATANUS ACERIFOLIA	LONDON PLANE TREE	28.0	G	1.8	0	NONE	P	
600	ULMUS AMERICANA	ELM	30.0	G	2.4	1	INJURED: NEW ASPHALT	I	NO TAG
601	ACER PLATANOIDES	NORWAY MAPLE	10.0	G	1.8	0	IMPACTED: NEW RAMP	R	NO TAG
602	QUERCUS RUBRA	RED OAK	20.0	G	1.8	0	INJURED: GRADING	I	NO TAG
603	ULMUS AMERICANA	ELM	20(3)	G	1.8	1	INJURED: GRADING	I	NO TAG
604	AMELANCHIER LAEVIS	SERVICEBERRY	10(6)	G	1.8	0	IMPACTED: NEW PLAYGROUND	R	NO TAG
605	ACER SACCHARINUM	SILVER MAPLE	70.0	G	4.2	1	NONE	P	NO TAG
606	ACER SACCHARINUM	SILVER MAPLE	30.0	G	2.4	1	NONE	P	NO TAG
607	ACER SACCHARINUM	SILVER MAPLE	80.0	G	4.8	1	INJURED: NEW ASPHALT	I	NO TAG
608	ACER SACCHARINUM	SILVER MAPLE	90.0	F	5.4	1	INJURED: NEW ASPHALT	I	NO TAG
609	ACER PLATANOIDES	NORWAY MAPLE	45.0	G	3.0	1	INJURED: NEW ASPHALT	I	NO TAG
610	LIRIODENDRON	TULIP TREE	10.0	G	1.8	0	IMPACTED: GRADING/RETAINING WALLS	R	

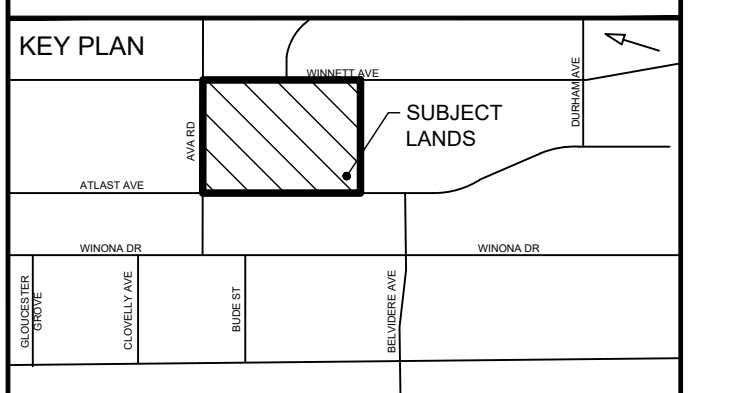
(1) Trees recommended to be REMOVED in SHADED BOXES
(2) Condition: Good (G) - dead branches less than 10%; signs of good compartmentalization on any wounds; no structural defects
Fair (F) - 10-30% dead branches; size or occurrence of wounds present some concerns; minor structural defects
Poor (P) - more than 30% dead branches; weak compartmentalization; early leaf drop; presence of insects or disease; major structural defects
Dead (D) - tree shows no signs of life
(3) Category: Category:
0 - Trees on subject site, not protected under bylaw.
1 - Trees with DBH diameter of 30cm or more, situated on private property, on the subject site.
2 - Trees with DBH diameter of 30cm or more, situated on private property within 6m of the subject property.
3 - Trees of all diameters situated on the City-owned parkland within 6m of the subject property.
4 - Trees of all diameters situated within land designated under City of Toronto Municipal Cod, Chapter 658, Ravine and Natural Feature Protection & within 12.0m of the project site limits.
5 - Trees of all diameters situated within the City road allowance adjacent to the subject property.
(4) Impacts: None - no construction activity occurs at or within the dripline of a tree.
Injured: XXX - construction activity occurs at or within the dripline of a tree, but is not likely to lead to tree death in the short term (5-10 years) if precautionary measures are taken; this may require root pruning.
Impacted by Construction: XXX - construction activity (XXX = structures, fencing, trenching, grading, etc) which requires the direct removal of a tree or occurs within a significant portion of the canopy/root zone, such that the activity will significantly affect tree health leading to death in the short term
(5) Recommendation: Preserve, Remove, Injured, Transplant
(6) Comments based on tree health, condition, structure and existing physical constraints; recommendations for pruning or decompaction.

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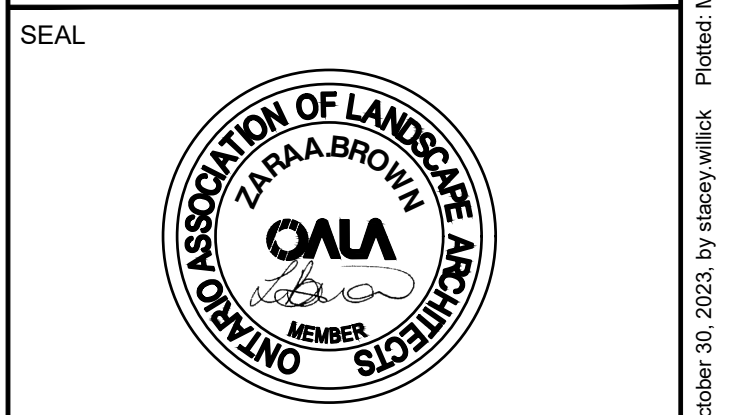
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No.	DESCRIPTION	DATE
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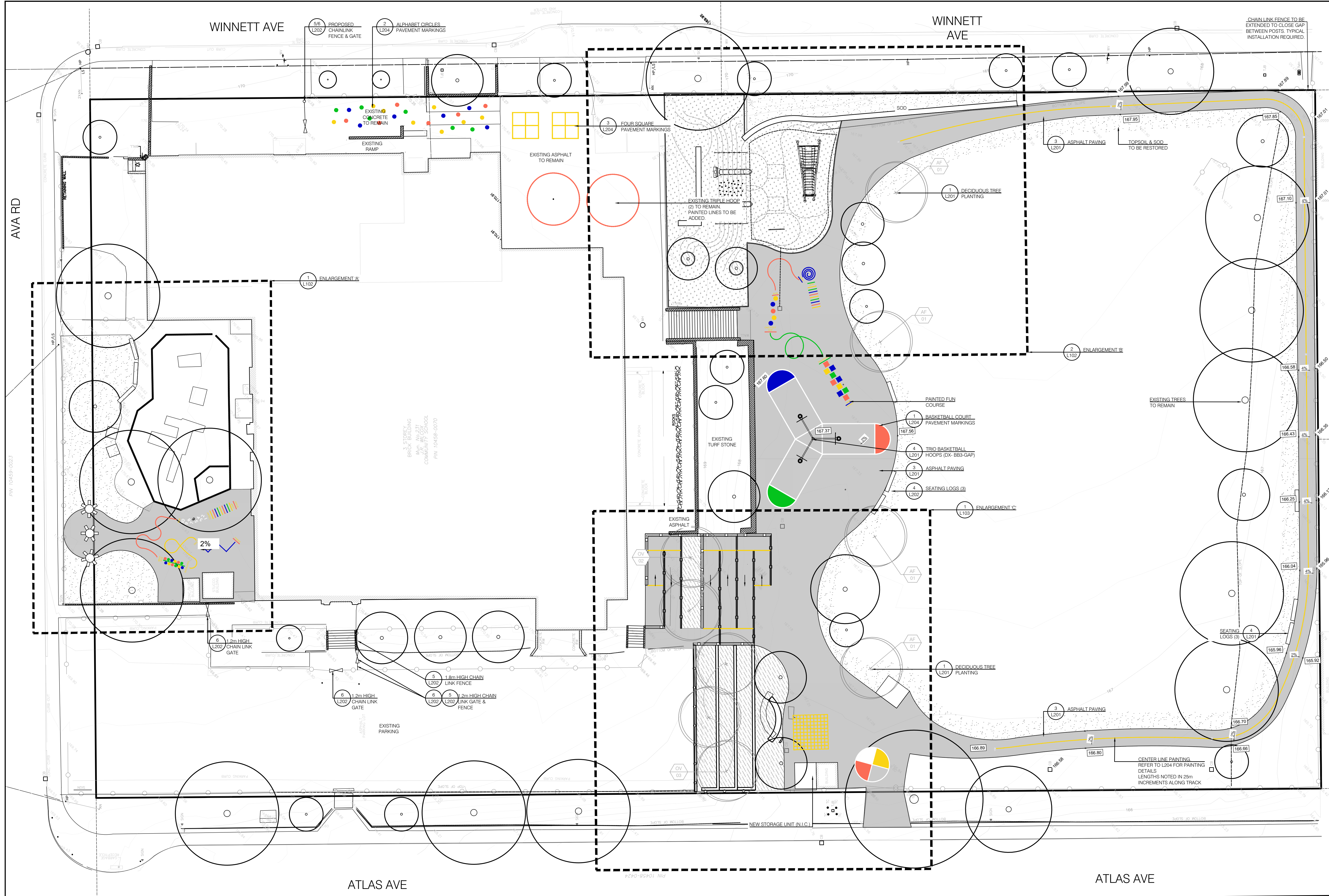
PROJECT
JR WILCOX COMMUNITY SCHOOL MASTER PLAN
231 AVA RD YORK, ONTARIO

PROJECT NO: 140843
DRAWN BY: SW
PROJECT MGR: TO

CHECKED BY: TO
APPROVED BY: TO

SHEET TITLE
TREE PROTECTION DETAILS

SHEET NUMBER L002 **ISSUE** 1

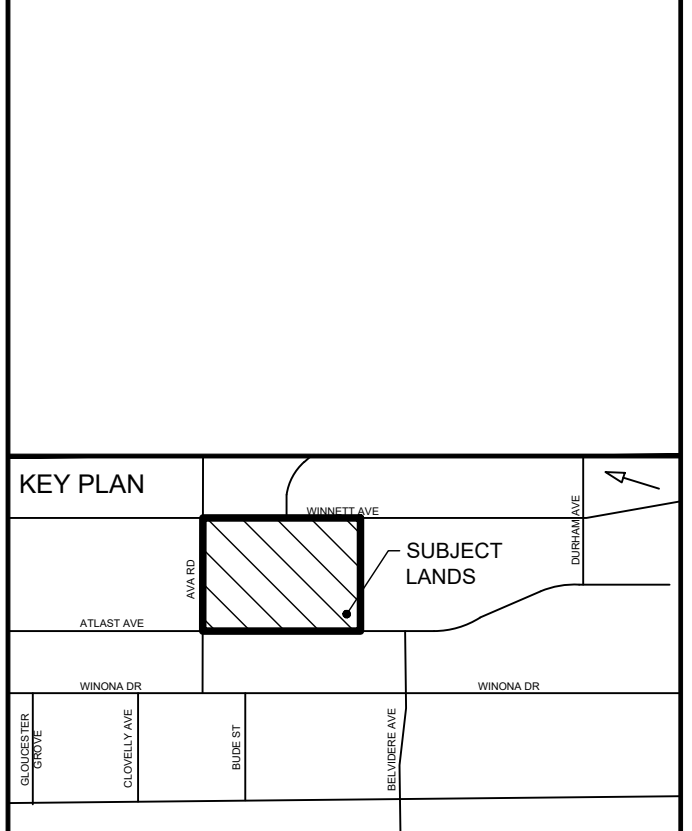


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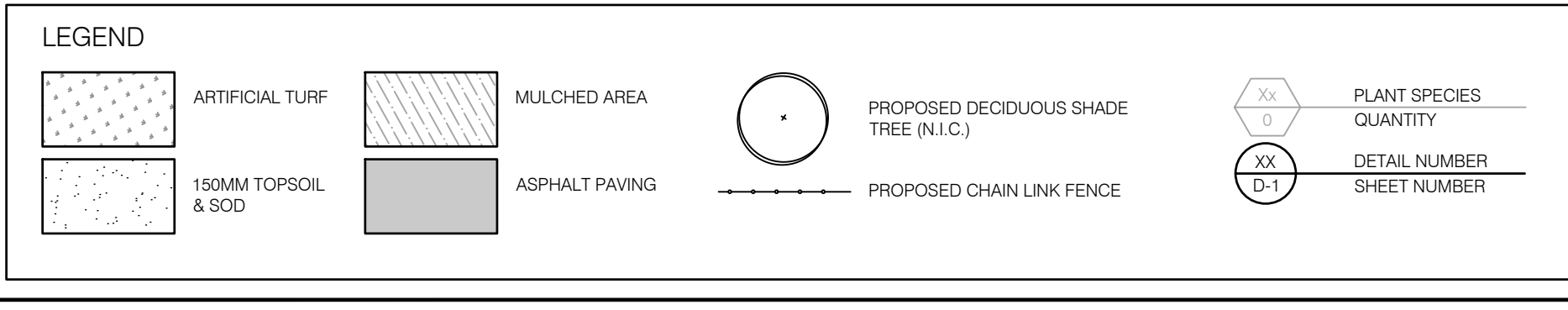
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SHEET TITLE
OVERALL LANDSCAPE PLAN

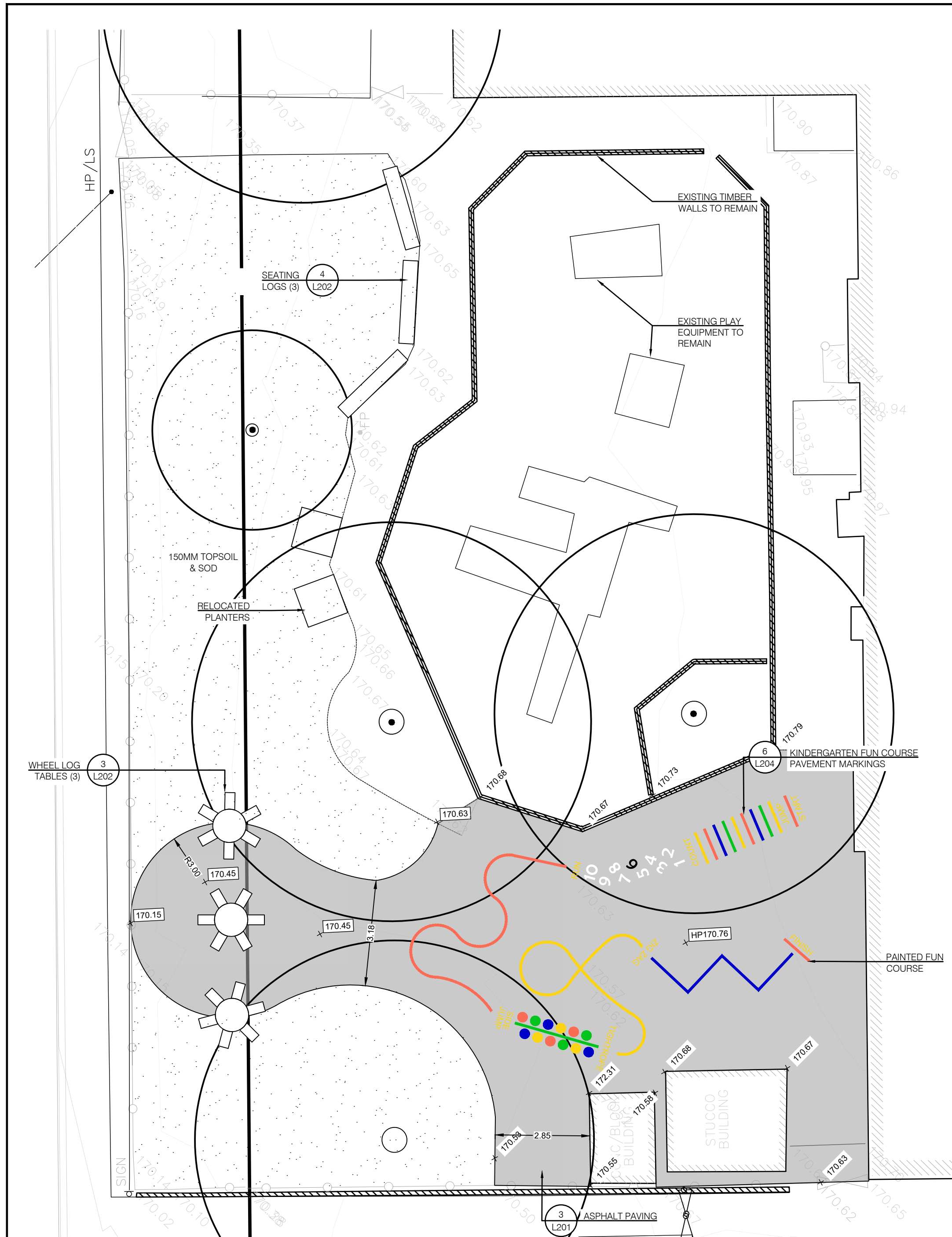
SHEET NUMBER **L101** ISSUE **1**

PLANT LIST - N.I.C.

KEY	BOTANICAL NAME	COMMON NAME	CAL.	SIZE	COND.	MATURE HEIGHT (m)	MATURE SPREAD (m)	O.C. SPACING (m)	QNTY.
DECIDUOUS TREES									
AF	Acer freemanii 'Autumn Fantasy'	Autumn Fantasy Maple	75mm		W.B.	14.0	11.0	7.5	4
OV	Ostrya virginiana	Ironwood	75mm		W.B.	12.0	8.0	7.5	5
TOTAL									9



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1 ENLARGEMENT 'A'
L102 1:100



2 ENLARGEMENT 'B'
L102 1:100

PLAY EQUIPMENT NOTES

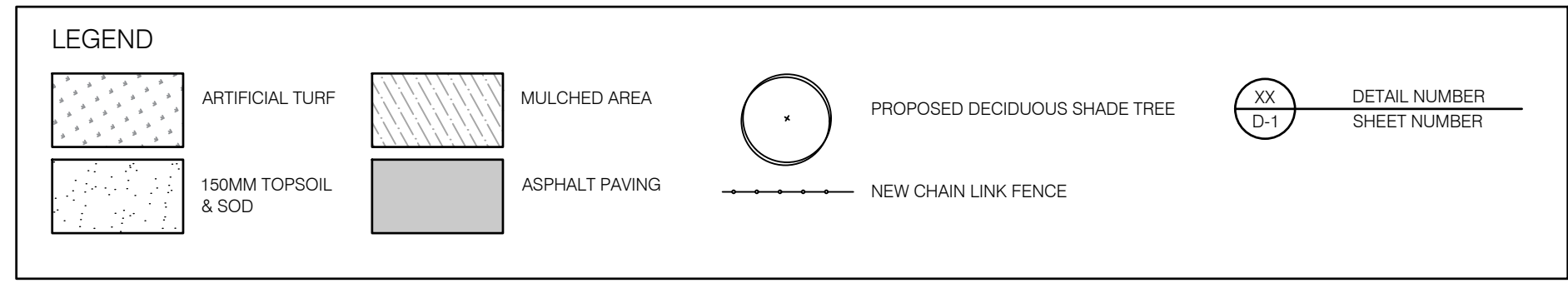
1. PLAY EQUIPMENT INSTALLATION WILL BE COMPLETED BY TDSB IN-HOUSE TRADES. THE CONTRACTOR IS NOT RESPONSIBLE FOR THE INSTALLATION PLAY EQUIPMENT THAT IS IDENTIFIED WITHIN SAFETY SURFACING AREAS. GAMES EQUIPMENT (E.G. BASKETBALL, TRIPLE HOOP) ARE TO BE INSTALLED BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
2. **SITE PREPARATION** - THE CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF THE PLAY EQUIPMENT INSTALLATION AREA TO THE SATISFACTION OF THE TDSB IN-HOUSE TRADES. THE WORK WILL INCLUDE:
 - a. COMPLETE INSTALLATION OF THE SUB-DRAINAGE PIPE, GRANULAR AND FABRIC BELOW THE SAFETY SURFACE AREA AND CONNECTION TO THE DRAINAGE SYSTEM INCLUDING FOR COMACTION AS INDICATED ON THE DRAWINGS.
 - b. PREPARE THE AREAS ADJACENT TO THE SAFETY SURFACE INCLUDING THE GRANULAR BASE, EDGE TREATMENT, ACCESSIBLE RAMP (IF REQUIRED) AND PAVEMENT SURFACES.
 - c. SUPPLY AND INSTALL THE GRANULAR BASE LEVELLING COURSE TO SUPPORT THE INSTALLATION OF STRINGER WORK FOR THE PLAY EQUIPMENT.
 - d. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THE GRADES AND LEVELS ARE CORRECT TO CONTAIN THE REQUIRED DEPTH PROFILE OF THE SAFETY SURFACE MATERIALS AND SET THE CORRECT HEIGHT OF THE PLAY EQUIPMENT INSTALLATION.
 - e. THE IN-HOUSE TRADES WILL BE REQUIRED TO ACCEPT THE SITE CONDITIONS PRIOR TO THE INSTALLATION OF THE PLAY EQUIPMENT. THE CONTRACTOR IS TO CORRECT ANY DEFICIENCIES IDENTIFIED BY IN-HOUSE TRADES BEFORE ACCEPTANCE. IF THE SAFETY SURFACE LIMITS ARE NOT ADEQUATE TO MEET THE REQUIRED STANDARD, THE CONTRACTOR IS RESPONSIBLE TO CORRECT THE DEFICIENCY.
 - f. THE CONTRACTOR IS TO RE-LEVEL AND ADD ADDITIONAL GRANULAR AS REQUIRED UP TO THE TOP OF THE STRINGER HEIGHT AND COVER WITH GEOTEXTILE FABRIC, PRIOR TO INSTALLATION OF THE SAFETY SURFACE MATERIALS.
 - g. THE INSTALLATION OF THE PLAYSPACE EDGE TREATMENT CAN BE COMPLETED FOLLOWING THE INSTALLATION OF THE PLAY EQUIPMENT BUT NEEDS TO BE APPROVED BY THE TDSB IN-HOUSE TRADES.
3. **SCHEDULING AND COMMUNICATION**
 - a. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE PLAY EQUIPMENT INSTALLATION AND COMMUNICATION WITH IN-HOUSE TRADES.
 - b. THE TDSB WILL PROVIDE CONTACT INFORMATION FOR IN-HOUSE TRADES PERSONNEL AT THE PRECONSTRUCTION MEETING.
 - c. THE CONTRACTOR IS TO PROVIDE A SCHEDULE TO IN-HOUSE TRADES FOR THE ANTICIPATED DELIVERY DATE OF PLAY EQUIPMENT UPON ORDERING OF THE EQUIPMENT AND ANY UPDATES IN DATE CHANGES BY THE SUPPLIER.

4. PLAY EQUIPMENT DELIVERY AND STORAGE

- a. THE CONTRACTOR IS TO COORDINATE THE DELIVERY LOCATION WITH IN-HOUSE TRADES.
- b. PLAY EQUIPMENT THAT IS DELIVERED TO THE WORK SITE IS TO BE SECURED ON SITE IN A STORAGE CONTAINER OR APPROVED EQUIVALENT SUPPLIED BY THE CONTRACTOR FOR THE REQUIRED DURATION OF THE EQUIPMENT INSTALLATION.
- c. IN-HOUSE TRADES MAY REQUEST THAT THE EQUIPMENT BE DELIVERED TO AN ALTERNATIVE LOCATION FOR TEMPORARY STORAGE.

5. SAFETY SURFACE INSTALLATION AND INSPECTION

- a. FOLLOWING THE INSTALLATION OF THE PLAY EQUIPMENT BY IN-HOUSE TRADES, THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE SAFETY SURFACE AND EDGING MATERIALS AS NOTED ON THE DRAWINGS.
- b. THE CONTRACTOR WILL MAINTAIN TEMPORARY PANEL FENCING AROUND THE COMPLETED PLAYSPACE AREA UNTIL THE PLAY EQUIPMENT HAS BEEN INSPECTED BY THE THIRD-PARTY INSPECTOR AND ALL OUTSTANDING ISSUES HAVE BEEN ADDRESSED AND ACCEPTED BY THE INSPECTOR.
6. UPON APPROVAL BY THE THIRD-PARTY INSPECTOR, THE CONTRACTOR WILL REMOVE THE TEMPORARY PANEL FENCING OFF SITE IN COORDINATION WITH THE PROJECT SUPERVISOR.

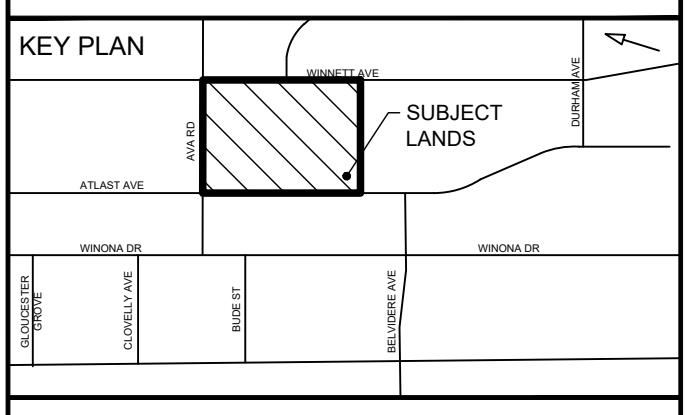


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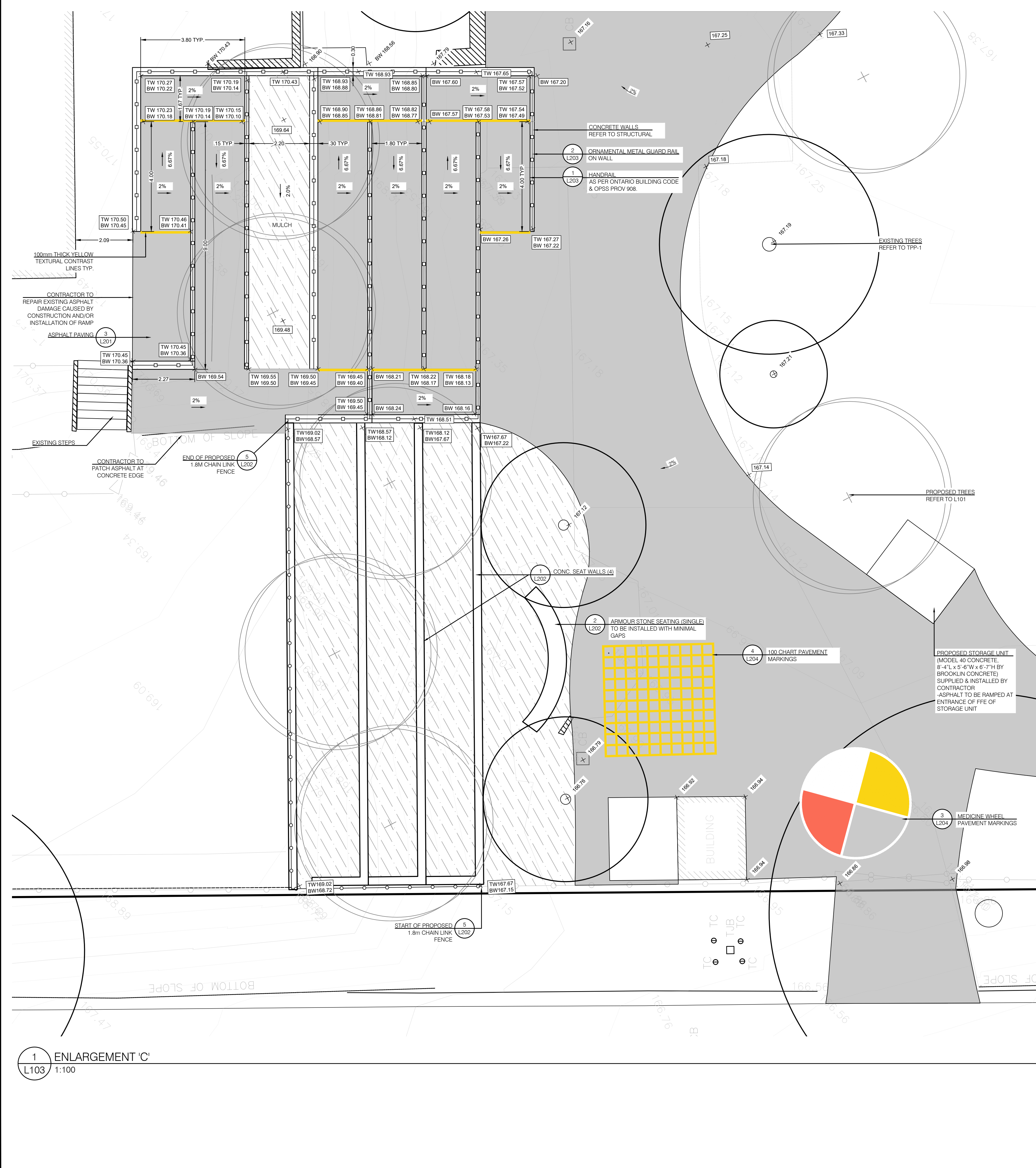
PROJECT NO:
140843

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PROJECT MGR: TO	APPROVED BY: TO

SHEET TITLE
LANDSCAPE ENLARGEMENTS

SHEET NUMBER L102	ISSUE 1
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LEGEND

	MULCHED AREA		
	ASPHALT PAVING		

- GENERAL NOTES**
- CONTRACTOR IS NOT TO PROCEED IN UNCERTAINTY.
 - ALL DISCREPANCIES OR AMBIGUITY IN THE DRAWINGS, SPECIFICATIONS OR DETAILS IS TO BE REPORTED TO THE CONTRACT ADMINISTRATOR IMMEDIATELY FOR CLARIFICATION.
 - THIS DRAWING FORMS PART OF A SET AND MAY NOT BE SEPARATED. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS IN THE SET AND ALL SPECIFICATIONS INCLUDED IN THE CONTRACT DOCUMENTS.
 - CONTRACTOR IS TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING SITE FEATURES UNLESS IDENTIFIED FOR REMOVAL OR DEMOLITION, INCLUDING ALL SURVEY BARS, STAKES AND MONUMENTS. CONTRACTOR IS TO REPAIR DAMAGE AT NO COST TO THE CITY OR TDSB.
 - ALL AREAS DISTURBED AS A RESULT OF CONSTRUCTION WORK ARE TO BE RESTORED AND REPAIRED AT NO COST TO THE CITY OR TDSB.
 - CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH LIMITS OF CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK ON THE SITE. CONTRACTOR TO CONTACT CONTRACT ADMINISTRATOR IN UNCERTAINTY.
 - CONTRACTOR IS RESPONSIBLE FOR LOCATION AND STAKING OF ALL UTILITIES PRIOR TO WORK COMMENCING ON THE SITE. CONTRACTOR IS NOT TO PLANT DIRECTLY ABOVE UNDERGROUND UTILITIES OR IRRIGATION.
 - CONTRACTOR TO VISIT THE SITE TO CONFIRM ALL SITE CONDITIONS PRIOR TO SUBMITTING BIDS. AMBIGUITY OR DISCREPANCY TO BE REPORTED TO TDSB FOR CLARIFICATION.
 - DRAWINGS MAY NOT BE SCALED FOR APPROXIMATE LAYOUT. ALL MEASUREMENTS ARE METRIC. LAYOUT OF PLANT MATERIALS TO BE STAKED BY CONTRACTOR AND APPROVED BY CONTRACT ADMINISTRATOR PRIOR TO PLANTING.
 - CONTRACTOR SHALL SUPPLY ALL MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE WORK SHOWN ON THESE DRAWINGS, INCLUDING FOOTINGS, ANCHORING SYSTEMS AND HARDWARE. ANY DISCREPANCIES BETWEEN QUANTITIES SHOWN AND THE PLANT LIST SHALL BE REPORTED TO THE CONTRACT ADMINISTRATOR FOR DIRECTION.
 - AT THE END OF EACH WORK DAY, ALL DEBRIS, GARBAGE AND SURPLUS MATERIALS ARE TO BE REMOVED FROM THE SITE. THE SITE IS TO BE KEPT CLEAN AND USEABLE AT ALL TIMES.
 - UPON FINAL COMPLETION OF THE PROJECT, ALL WORKMANSHIP AND MATERIALS ARE TO BE GUARANTEED FOR TWO FULL YEARS.
 - AT THE TIME OF FINAL INSPECTION ALL SODDED AREAS SHALL BE IN A HEALTHY, VIGOROUS GROWING CONDITION, IN FULL ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
 - THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS STAMPED AND SIGNED BY THE LANDSCAPE ARCHITECT.

- REMOVAL NOTES**
- THE INTENT OF THE REMOVAL PLAN IS TO SHOW THE GENERAL NATURE OF THE DEMOLITION SCOPE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VISITING THE JOB SITE AND VERIFYING THE EXISTING CONDITION PRIOR TO BID. THE GENERAL CONTRACTOR SHOULD NOTIFY THE CONTRACT ADMINISTRATOR IMMEDIATELY IF ANY DISCREPANCIES.
 - ITEMS SHALL REMAIN UNLESS DESIGNATED FOR REMOVAL. REMOVE AND PROPERLY DISPOSE DESIGNATED ITEMS SHOWN ON THE PLAN TO THE FULL DEPTH OF THEIR CONSTRUCTION UNLESS OTHERWISE NOTED.
 - COMPLY WITH ALL APPLICABLE CODES, REGULATIONS AND SAFETY ORDERS OF ALL PUBLIC AUTHORITIES HAVING JURISDICTION.
 - NOISE DURING DEMOLITION AND CONSTRUCTION SHALL BE KEPT TO A MINIMUM.
 - ALL CONCRETE AND ASPHALT REMOVAL SHALL BE SAW CUT. EDGES OF MATERIAL TO REMAIN SHALL BE SHORED UP AND PROTECTED DURING CONSTRUCTION TO PRESERVE EDGE INTACT. REPAIRS TO DAMAGED EDGES TO BE DONE WITH CARE AND AT NO COST TO THE OWNER.
 - REMOVALS ALONG EXISTING CURBS, SIDEWALKS OR BUILDINGS MUST NOT UNDERMINE ZONE OF INFLUENCE (40').
 - REMOVAL AND RE-LOCATE TREES AS INDICATED ON THE PLANS. IF REQUIRED, TREE REMOVAL PERMIT TO BE PROVIDED BY TDSB.
 - REMOVAL OF STRUCTURES SUCH AS FENCING TO INCLUDE REMOVAL OF FOOTINGS. AREAS WHERE FOOTINGS ARE REMOVED TO BE REPAIRED.
 - REMOVE ALL GRANULAR BASE OF PAVING AREAS UNLESS DIRECTED OTHERWISE THROUGH THE DETAIL DRAWINGS AND/OR GEOTECHNICAL REPORTS. COMPACTION OF EXISTING GRANULAR BASE REQUIRED AS INDICATED ON DETAIL DOCUMENTS.
 - REMOVE DEMOLISHED MATERIALS FROM SITE. COMPLY WITH ALL LOCAL HAULING AND DISPOSAL REQUIREMENTS.
 - SEDIMENT CONTROL: COVER ALL CATCHBASINS (CBS) WITH 6mm STEEL PLATE THAT IS FIRMLY SECURED TO THE CB GRATING WITH CLAMPS, SCREWS OR WIRES. COVER TO REMAIN IN PLACE UNTIL ROUGH PAVING IS COMPLETED. MAINTAIN GOOD HOUSEKEEPING TO PREVENT WATERSHED SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM. IF THE CBS MUST BE USED FOR SITE DRAINAGE DURING CONSTRUCTION, THEY ARE TO BE COVERED WITH GEOTECH CLOTH WHICH IS HELD IN PLACE BY 150mm DEEP LAYER OF CLEAR STONE.
 - ALL EXCAVATED MATERIALS SHOULD NOT BE STOCKPILED. THEY MUST BE REMOVED FROM SITE IMMEDIATELY.
 - CONTRACTOR IS RESPONSIBLE TO CLEAN STREETS OF ANY SEDIMENT TRACKED FROM THE SITE ONTO THE MUNICIPAL RIGHT OF WAY.
 - CONTRACTOR TO CONTACT THE LOCAL UNDERGROUND SERVICE UPDATE FOR UTILITY LOCATION AND IDENTIFICATION PRIOR TO DEMOLITION.
 - THE GENERAL CONTRACTOR SHOULD NOTIFY THE CONTRACT ADMINISTRATOR IMMEDIATELY IF ANY CONFLICTS ARISE BETWEEN UTILITIES AND PROPOSED DESIGN BEFORE STARTING WORK.
 - CONTRACTOR TO MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS. COORDINATE ALL DISRUPTIONS OR DISCONTINUATIONS OF UTILITIES AND SERVICES WITH TDSB REPRESENTATIVE.
 - PERFORM EXCAVATION IN THE VICINITY OF UNDERGROUND UTILITIES WITH CARE AND BY HAND. IF NECESSARY, THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK AND DISRUPTION OF DAMAGE TO UTILITIES SHALL BE REPAIRED IMMEDIATELY AND AT NO EXPENSE TO TDSB.
 - DURING PERIOD OF CONSTRUCTION, CONTRACTOR TO PROVIDE AND INSTALL SITE PROTECTION FENCE AS PER TDSB STANDARDS.
 - ALL FINISHES, FEATURES OR SURFACES DAMAGED OR AFFECTED BY DEMOLITION OR CONSTRUCTION SHALL BE PATCHED AND REPAIRED TO MEET TDSB SATISFACTION AT NO ADDITIONAL COST.

- GRADING NOTES**
- CONTRACTOR SHOULD ENSURE POSITIVE DRAINAGE THROUGHOUT SITE. ANY AREA WHICH APPEARS TO HAVE THE POTENTIAL FOR PONDING WATER SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACT ADMINISTRATOR PRIOR TO PAVING OR LANDSCAPING OPERATIONS. ANY AREA WHICH PONDING AFTER PAVING AND/OR LANDSCAPING OPERATIONS TAKE PLACE WILL BE REMOVED AND CORRECTED AT THE CONTRACTOR'S EXPENSE.
 - PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SOIL EROSION AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES AND WALKWAYS, ACCORDING TO REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
 - INSPECT, REPAIR AND MAINTAIN EROSION AND SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED.
 - REMOVE EROSION AND SEDIMENTATION CONTROLS AT COMPLETION AND RESTORE AND STABILIZE AREAS DISTURBED DURING REMOVAL. VERIFICATION OF CONSTRUCTED ROUGH GRADE.
 - ALLOW FOR MINOR ADJUSTMENTS TO ROUGH GRADE, ELIMINATING UNEVEN AREAS AND LOW SPOTS, ENSURING POSITIVE DRAINAGE.
 - NO CHANGE IN CONTRACT PRICE WILL BE ALLOWED FOR ACTUAL OR CLAIMED DISCREPANCY BETWEEN EXISTING GRADE AND THOSE SHOWN ON PLANS AFTER CONTRACTOR HAS ACCEPTED EXISTING GRADES AND MOBILIZED ONTO SITE.
 - NEW GRADES TO MEET FLUSH AND BLEND INTO EXISTING GRADES AT PROJECT LIMIT.
 - CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN UNFORESEEN OBSTRUCTIONS AND/OR GRADE DISCREPANCIES EXIST. SUCH CONDITIONS SHOULD BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONTRACT ADMINISTRATOR. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR NECESSARY REVISIONS IF FAILS TO GIVE NOTICE PRIOR TO CONSTRUCTION COMMENCEMENT.
 - CONTRACTOR TO ENSURE THERE ARE NO CONFLICTS BETWEEN INLET LOCATIONS AND UNDERGROUND FOOTINGS AND UTILITIES.
 - REMOVE DEBRIS, ROOTS, BRANCHES, STONES IN EXCESS OF 50 MM DIAMETER AND OTHER DELETERIOUS MATERIALS.
 - REMOVE SOIL CONTAMINATED WITH CALCIUM CHLORIDE, TOXIC MATERIALS AND PETROLEUM PRODUCTS IF IT WAS CONTAMINATED FROM THE TIME OF ROUGH GRADE ACCEPTANCE.
 - REMOVE DEBRIS WHICH PROTRUDES MORE THAN 50mm ABOVE SURFACE.
 - DISPOSE OF REMOVED MATERIAL OFF SITE.
 - CULTIVATE ENTIRE AREA WHICH IS TO RECEIVE TOPSOIL TO MINIMUM DEPTH OF 100mm.
 - CROSS CULTIVATE THOSE AREAS WHERE EQUIPMENT USED FOR HAULING AND SPREADING HAS COMPACTED SOIL.

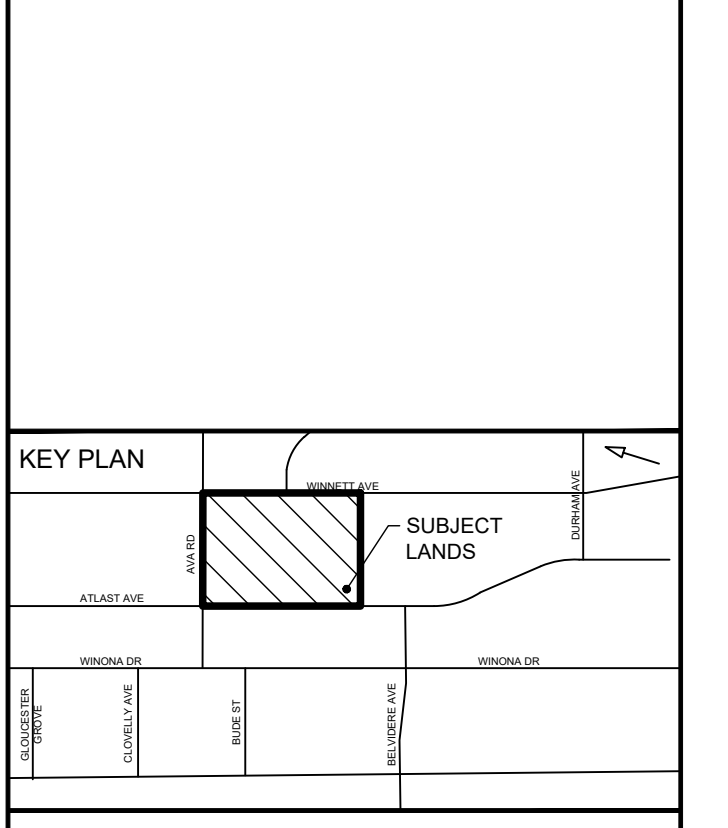
- PLACING AND SPREADING OF TOPSOIL/PLANTING MIXTURE**
- PLACE TOPSOIL AFTER TDSB HAS ACCEPTED SUBGRADE.
 - SPREAD TOPSOIL IN UNIFORM LAYERS NOT EXCEEDING 150mm.
 - FOR SODDED AREAS KEEP TOPSOIL 15mm BELOW FINISHED GRADE.
 - SPREAD TOPSOIL TO FOLLOWING MINIMUM DEPTHS AFTER SETTLEMENT.
 - 150mm FOR SEEDED AREAS.
 - PLACE REQUIRED DEPTH OF PLANTING MIXTURE FOR CONTINUOUS PLANTING BEDS AND TREE PITS AS INDICATED ON THE DETAILS.
 - MANUALLY SPREAD TOPSOIL/PLANTING SOIL AROUND TREES, SHRUBS AND OBSTACLES.
 - FINISH GRADING
 - GRADE TO ELIMINATE ROUGH SPOTS AND LOW AREAS AND ENSURE POSITIVE DRAINAGE.
 - PREPARE LOOSE FRABLE BED BY MEANS OF CULTIVATION AND SUBSEQUENT RAKING.
 - CONSOLIDATE TOPSOIL TO REQUIRED BULK DENSITY USING EQUIPMENT APPROVED BY LANDSCAPE ARCHITECT.
 - LEAVE SURFACES SMOOTH, UNIFORM AND FIRM AGAINST DEEP FOOTPRINTING.
 - TDSB WILL DETERMINE ACCEPTANCE OF MATERIAL, DEPTH OF TOPSOIL AND FINISH GRADING.
 - CLEANING
 - UPON COMPLETION OF INSTALLATION, REMOVE SURPLUS MATERIALS, RUBBISH, TOOLS AND EQUIPMENT BARRIERS.

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ISSUES

No.	DESCRIPTION	DATE
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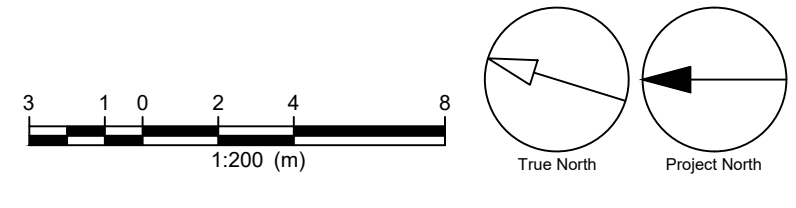
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PROJECT
J R WILCOX COMMUNITY SCHOOL MASTER PLAN
231 AVA RD YORK, ONTARIO

PROJECT NO: 140843
DRAWN BY: SW
PROJECT MGR: TO

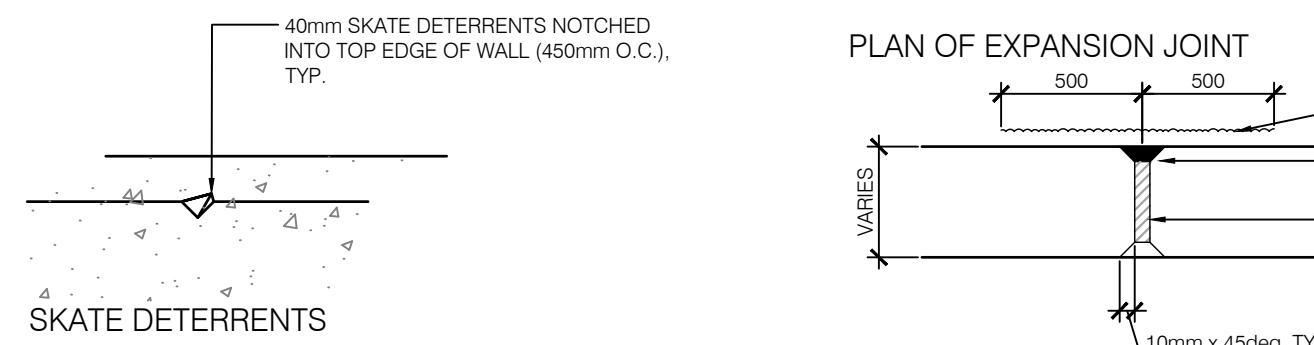
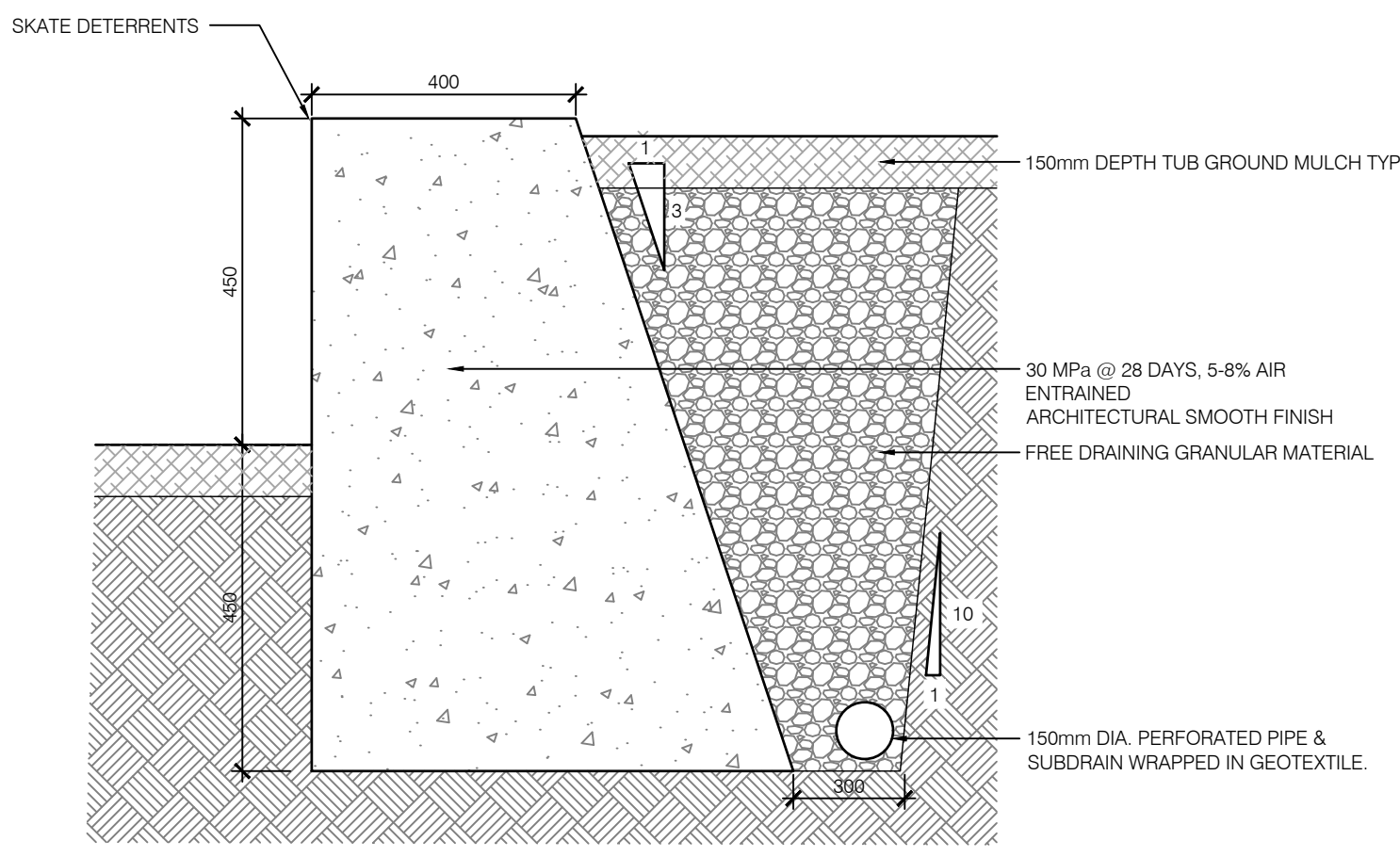
SHEET TITLE
LANDSCAPE ENLARGEMENTS

SHEET NUMBER L103 **ISSUE** 1

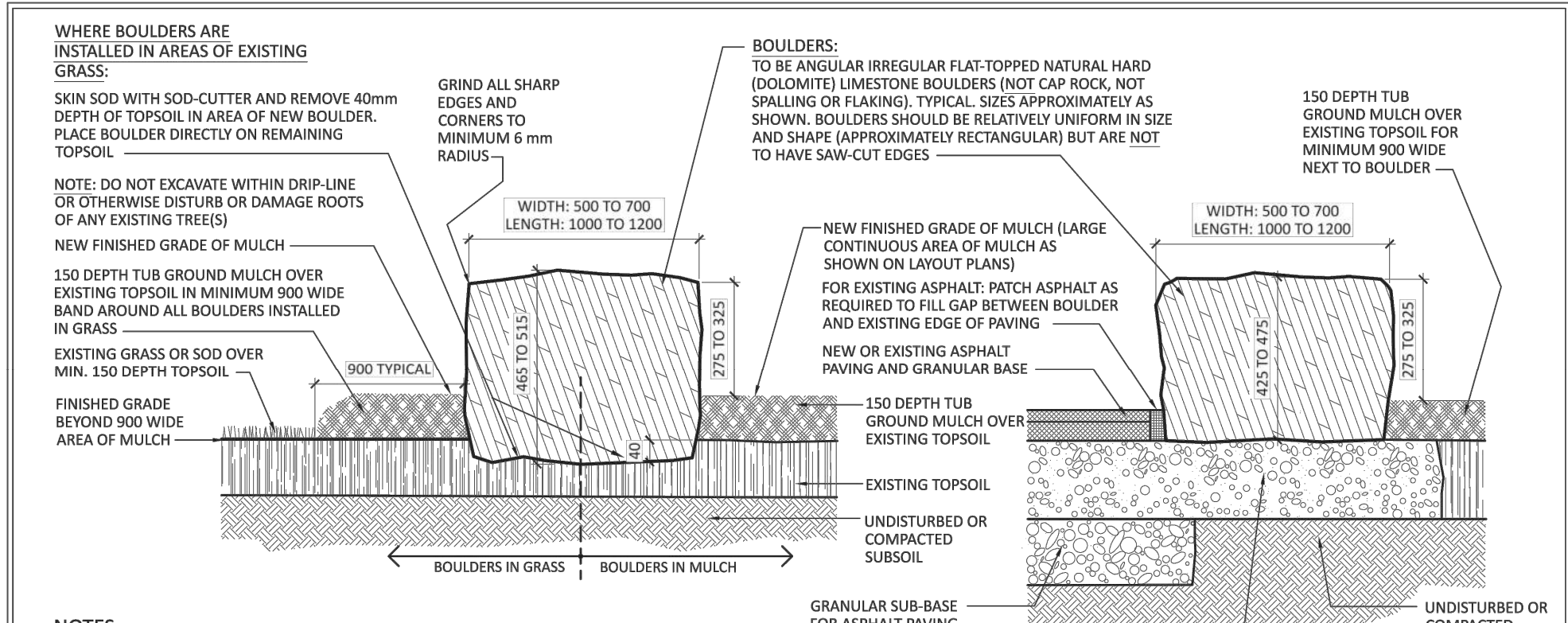


1 ENLARGEMENT 'C'
L103 1:100

- NOTES:
1. WALLS SHALL BE FOUND ON UNDISTURBED SOIL HAVING A MIN. BEARING CAPACITY AT ULTIMATE LIMIT STATES OF 200kPa (DOCKPILE WALL WITH FREE DRAINING MATERIAL)
 2. BACKFILL WALL WITH FREE DRAINING MATERIAL
 3. PROVIDE EXPANSION JOINTS @ 3000mm O.C.
 4. WALL DRAINS TO BE INSTALLED AS PER OPSD 3190.100 AT 3000mm O.C.
 5. PROVIDE ARCHITECTURAL FINISH ON C.I.P. CONCRETE.



1 CONCRETE SEAT WALL
L202 NTS



WHERE BOULDERS ARE INSTALLED IN AREAS OF EXISTING GRASS:

SKIN SOO WITH SOO-CUTTER AND REMOVE 40mm DEPTH OF TOPSOIL IN AREA OF NEW BOULDER. PLACE BOULDER DIRECTLY ON REMAINING TOPSOIL.

NOTE: DO NOT EXCAVATE WITH DRIP-LINE OR OTHERWISE DISTURB OR DAMAGE ROOTS OF ANY EXISTING TREE(S).

NEW FINISHED GRADE OF MULCH (LARGE CONTINUOUS AREA OF MULCH AS SHOWN ON LAYOUT PLANS)

150 DEPTH TUB GROUND MULCH OVER EXISTING TOPSOIL IN MINIMUM 900 WIDE BAND AROUND ALL BOULDERS INSTALLED IN GRASS.

EXISTING GRASS OR SOO OVER MIN. 150 DEPTH TOPSOIL.

FINISHED GRADE BEYOND 900 WIDE AREA OF MULCH.

GRIND ALL SHARP EDGES AND CORNERS TO MINIMUM 6 mm RADII.

BOULDERS: TO BE ANGULAR IRREGULAR FLAT-TOPPED NATURAL HARD (DOCKPILE) LIMESTONE BOULDERS (NOT CAP ROCK, NOT SPALLING OR FLAKING). TYPICAL SIZES APPROXIMATELY AS SHOWN. BOULDERS SHOULD BE RELATIVELY UNIFORM IN SIZE AND SHAPE (APPROXIMATELY RECTANGULAR BUT ARE NOT TO HAVE SAW-CUT EDGES).

150 DEPTH TUB GROUND MULCH OVER EXISTING TOPSOIL FOR MINIMUM 900 WIDE NEXT TO BOULDER.

NEW OR EXISTING ASPHALT PATCH AS REQUIRED TO FILL GAP BETWEEN BOULDER AND EXISTING EDGE OF PAVING.

150 DEPTH TUB GROUND MULCH OVER EXISTING TOPSOIL.

UNDISTURBED OR COMPACTED SUBSOIL.

GRANULAR SUB-BASE FOR ASPHALT PAVING.

MINIMUM 80 DEPTH GRANULAR 'A' COMPACTED TO 98% S.P.D. BENEATH NEW BOULDER.

UNDISTURBED OR COMPACTED SUBSOIL.

BOULDERS ADJACENT ASPHALT PAVING

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS. DO NOT SCALE DRAWING.
2. SPECIFIED DEPTHS OF MULCH AND TOPSOIL ARE DEPTHS AFTER SETTLEMENT. SPECIFIED DEPTH OF GRANULAR BASES IS COMPACTED DEPTH.
3. ALL BOULDERS TO BE SIZES AS INDICATED ABOVE.
4. INSTALL ALL BOULDERS WITH MINIMUM ONE-FIFTH BELOW FINISHED GRADE OF SURROUNDING MULCH AS SHOWN.
5. ENSURE THAT ALL BOULDERS ARE STABLE AND FREE FROM ALL MOVEMENT AFTER INSTALLATION IS COMPLETE.
6. PRIOR TO PROJECT COMPLETION ENSURE THAT ALL SHARP CORNERS AND EDGES ON EXPOSED SIDES OF STONES ARE ELIMINATED (ROUNDED) TO MINIMUM 6 mm RADIUS BY GRINDING OR OTHER SIMILAR MEANS TO SATISFACTION OF THE LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE.
7. GAPS BETWEEN BOULDERS ARE TO BE MINIMIZED TO REDUCE DANGER OF ENTANGLEMENT AND ENTRAPMENT. TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE. GAPS ARE EITHER TO BE LESS THAN 50mm OR GREATER THAN 2000 mm.
8. ENSURE MINIMUM 2000 DISTANCE BETWEEN ALL BOULDERS AND TREE TRUNKS AND/OR TREE CAGES.
9. ENSURE THAT ALL BOULDERS ARE INSTALLED WITH SEATING SURFACE LEVEL.
10. INSTALLATION OF BOULDERS TO BE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE.

SECTION DIMENSIONS AND BOULDER SIZES ILLUSTRATED ON THIS DETAIL ARE APPROPRIATE FOR KINDERGARTEN-AGE CHILDREN ONLY.

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TDSB ELEMENTARY SCHOOL SITE DESIGN GUIDELINES

ARMOUR STONE SEATING SINGLE BOULDERS

SCALE: NTS

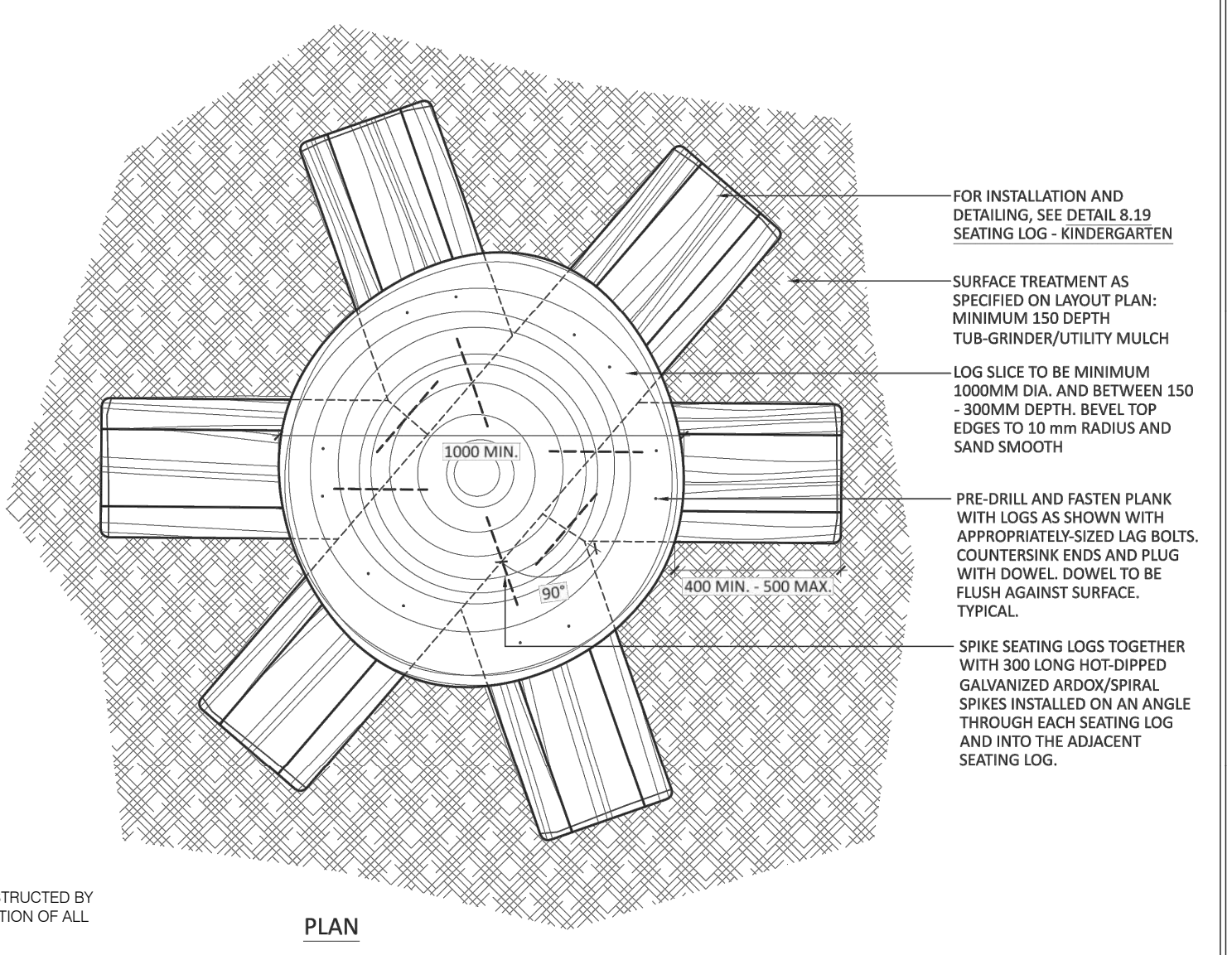
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2 ARMOURSTONE SEATING (SINGLE LEVEL)
L202 NTS

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS. DO NOT SCALE DRAWING.
 2. SPECIFIED DEPTHS OF MULCH IS DEPTH AFTER SETTLEMENT. SPECIFIED DEPTH OF SCREENINGS AND GRANULAR BASES IS COMPACTED DEPTH.
 3. ALL ROUND POSTS AND TABLE TOP TO HAVE BARK REMOVED AND SKINNED/TURNED TO REMOVE IRREGULARITIES SUCH AS BRANCH STUBS). FREE FROM WARPS, CHECKS AND CRACKS.
 4. INSTALLATION TO COMPLY WITH CAN/CSA-Z914, LATEST EDITION.
 5. ALL BOLTS, NAILS AND OTHER FASTENERS TO BE GALVANIZED.
 6. ENSURE THAT ALL LOGS AND TABLETOP ARE STABLE AND FREE FROM ALL MOVEMENT AFTER INSTALLATION IS COMPLETE.
 7. INSTALLATION TO BE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE.
 8. CONTRACTOR TO PROVIDE SHOP DRAWINGS PRIOR TO CONSTRUCTION AND INSTALLATION.
 9. ENSURE THAT ALL SEATING LOGS ARE INSTALLED WITH SEATING SURFACE LEVEL.
 10. ENSURE MINIMUM 2000mm DISTANCE BETWEEN STRUCTURE AND TREE TRUNKS AND/OR TREE CAGES, PLAY FEATURES, FENCING, SEATING OR ALL OTHER STRUCTURES.



TDSB ELEMENTARY SCHOOL SITE DESIGN GUIDELINES

WHEEL LOG TABLE WITH SEATING LOG BASE

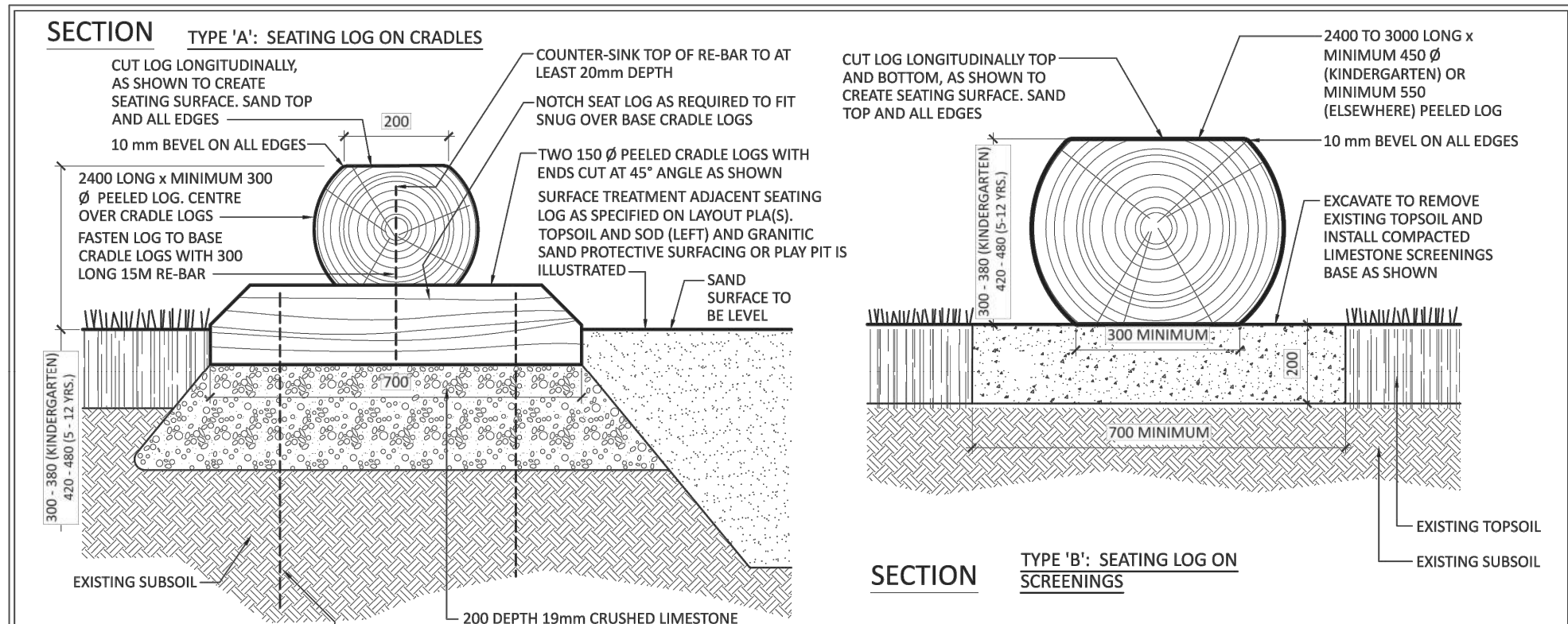
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3 WHEEL LOG TABLE
L202 NTS



SECTION TYPE 'A': SEATING LOG ON CRADLES

CUT LOG LONGITUDINALLY, AS SHOWN TO CREATE SEATING SURFACE. SAND TOP AND ALL EDGES.

10mm BEVEL ON ALL EDGES.

2400 LONG x MINIMUM 300 Ø PEELLED LOG. CENTRE OVER CRADLE LOGS.

FASTEN LOG TO BASE CRADLE LOGS WITH 300 LONG 15M RE-BAR.

COUNTER-SINK TOP OF RE-BAR TO AT LEAST 20mm DEPTH.

NOTCH SEAT LOG AS REQUIRED TO FIT SNUG OVER BASE CRADLE LOGS.

TWO 150 Ø PEELLED CRADLE LOGS WITH ENDS CUT AT 45° ANGLE AS SHOWN.

SURFACE TREATMENT ADJACENT SEATING LOG AS SPECIFIED ON LAYOUT PLANS.

TOPSOIL AND SOO (LEFT) AND GRANITIC SAND PROTECTIVE SURFACING OR PLAY PIT IS ILLUSTRATED.

SAND SURFACE TO BE LEVEL.

EXISTING TOPSOIL.

EXISTING SUBSOIL.

SECTION TYPE 'B': SEATING LOG ON SCREENINGS

CUT LOG LONGITUDINALLY TOP AND BOTTOM, AS SHOWN TO CREATE SEATING SURFACE. SAND TOP AND ALL EDGES.

2400 TO 3000 LONG x MINIMUM 450 Ø (KINDERGARTEN) OR MINIMUM 550 (ELSEWHERE) PEELLED LOGS.

10mm BEVEL ON ALL EDGES.

EXCAVATE TO REMOVE EXISTING TOPSOIL AND INSTALL COMPACTED LIMESTONE SCREENINGS BASE AS SHOWN.

EXISTING TOPSOIL.

EXISTING SUBSOIL.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS. DO NOT SCALE DRAWING.
2. SPECIFIED DEPTHS OF SAND AND TOPSOIL IS DEPTH AFTER SETTLEMENT. SPECIFIED DEPTH OF LIMESTONE SCREENINGS AND GRANULARS IS COMPACTED DEPTH.
3. ALL LOGS TO BE INSTALLED WITH SEATING SURFACE LEVEL END-TO-END.
4. ALL SEATING LOGS TO BE SOLID HARDWOOD (OAK, ASH OR MAPLE) WITH BARK REMOVED AND SKINNED/TURNED TO REMOVE IRREGULARITIES SUCH AS BRANCH STUBS.
5. ALL TIMBER, LUMBER AND LOGS TO BE FREE FROM WARPS, CHECKS AND CRACKS.
6. LOG BENCH INSTALLATION TO BE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE.

PLAN ZIG-ZAG MITRE JOINT

MULTIPLE TYPE 'B' SEATING LOGS MAY BE INSTALLED END-TO-END IN A ZIG-ZAG PATTERN. ANGLE CUT ENDS TO CREATE MITRE JOINT. ENSURE MAXIMUM 6 mm GAP AT JOINT.

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TDSB ELEMENTARY SCHOOL SITE DESIGN GUIDELINES

SEATING LOG KINDERGARTEN

NOTE: ALL NATURAL WOOD FEATURES ARE TO BE CONSTRUCTED BY CONTRACTOR INCLUDING SUPPLY AND INSTALLATION OF ALL MATERIALS.

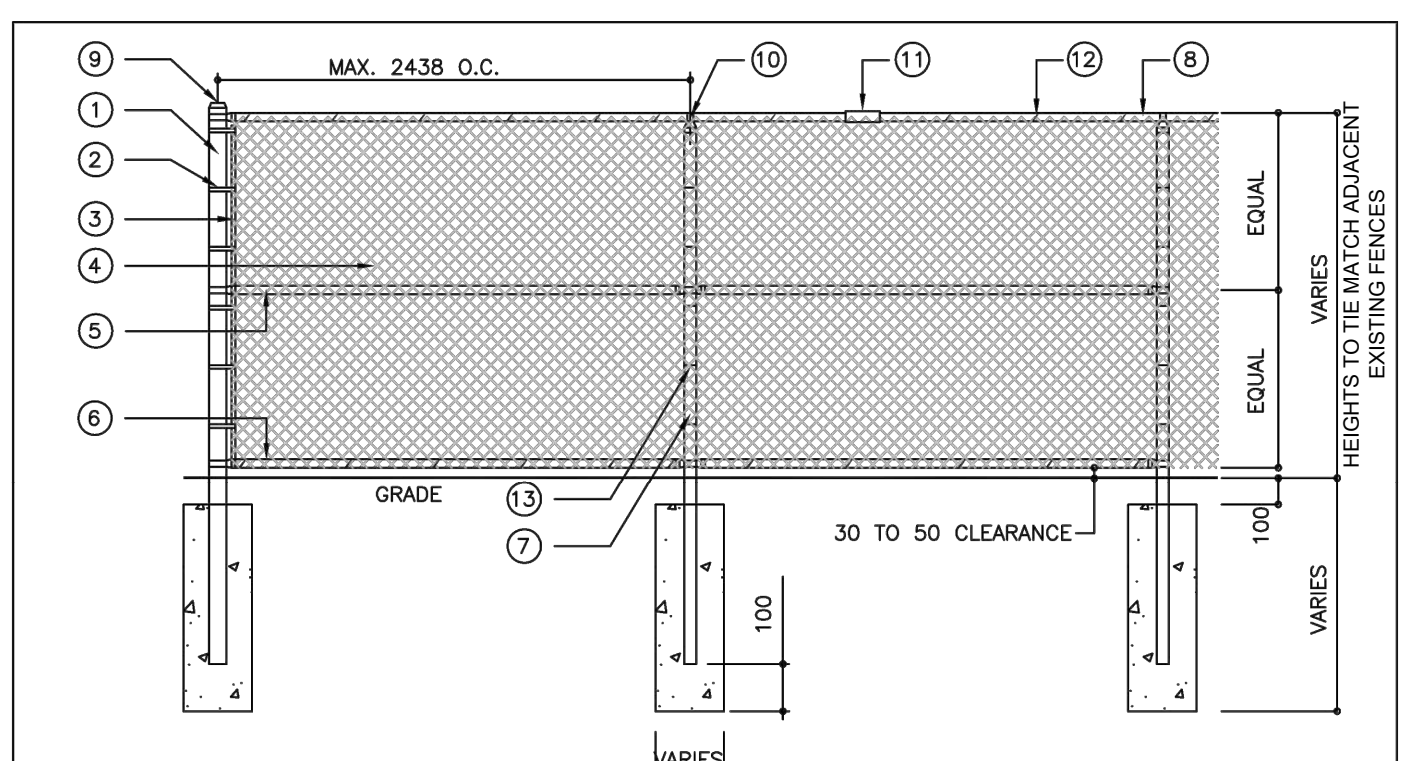
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4 SEATING LOG
L202 NTS



LEGEND:

1. TERMINAL POST
2. ALUMINUM TENSION BAR BANDS AT 305mm O.C.
3. 5mm x 19mm GALVANIZED FLAT METAL TENSION BARS
4. 50 x 50mm, 6 GAUGE STEEL MESH
5. MID RAIL (NOT REQUIRED ON 1220mm HIGH FENCES)
6. BOTTOM RAIL
7. LINE POST
8. TOP RAIL
9. DOME CAP
10. LOOP CAP
11. 178mm LONG GALVANIZED SLEEVE OVER RAIL JOINTS
12. 4.2mm GALVANIZED STEEL TOP AND BOTTOM RAIL FASTENERS AT 450mm O.C.
13. 4.2mm GALVANIZED STEEL LINE POST FASTENERS AT 305mm O.C.

POST AND RAIL SIZE TABLE

TYPE	2438, 1829 AND 1525 HT.	1219 HT.
TERMINAL POSTS:	88.9mm O.D.	60.3mm O.D.
LINE POSTS:	60.3mm O.D.	48.3mm O.D.
TOP/BOTTOM RAILS:	42.2mm O.D.	42.2mm O.D.
MID RAILS:	42.2mm O.D.	NOT REQUIRED

ALL PIPES SHALL BE HOT DIP GALVANIZED SCHEDULE 40

FOOTING SIZE TABLE

POST O.D.	WIDTH OF FOOTING	DEPTH OF FOOTING
88.9mm	350mm	1370mm
60.3mm	300mm	1200mm
48.3mm	250mm	1200mm

ALL FOOTINGS TO BE 30 MPa CAST-IN-PLACE CONCRETE. USE SONO-TUBES FOR ENTIRE DEPTH OF FOOTING. TOP OF FOOTINGS TO BE 100mm BELOW FINISHED GRADE.

Toronto District School Board

Facility Services Department
Design & Construction Division
15 Oakburn Cres., Toronto, Ontario M2N 2T5
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Facility: SCHOOL NAME ANY STREET NAME

Project: TDSB STANDARD DETAILS FOR CHAIN LINK FENCES

Sheet Title: XXXX XXXX XXXX

Scale: NTS

Drawn By: M.OZKAN

Checked By: M.OZKAN

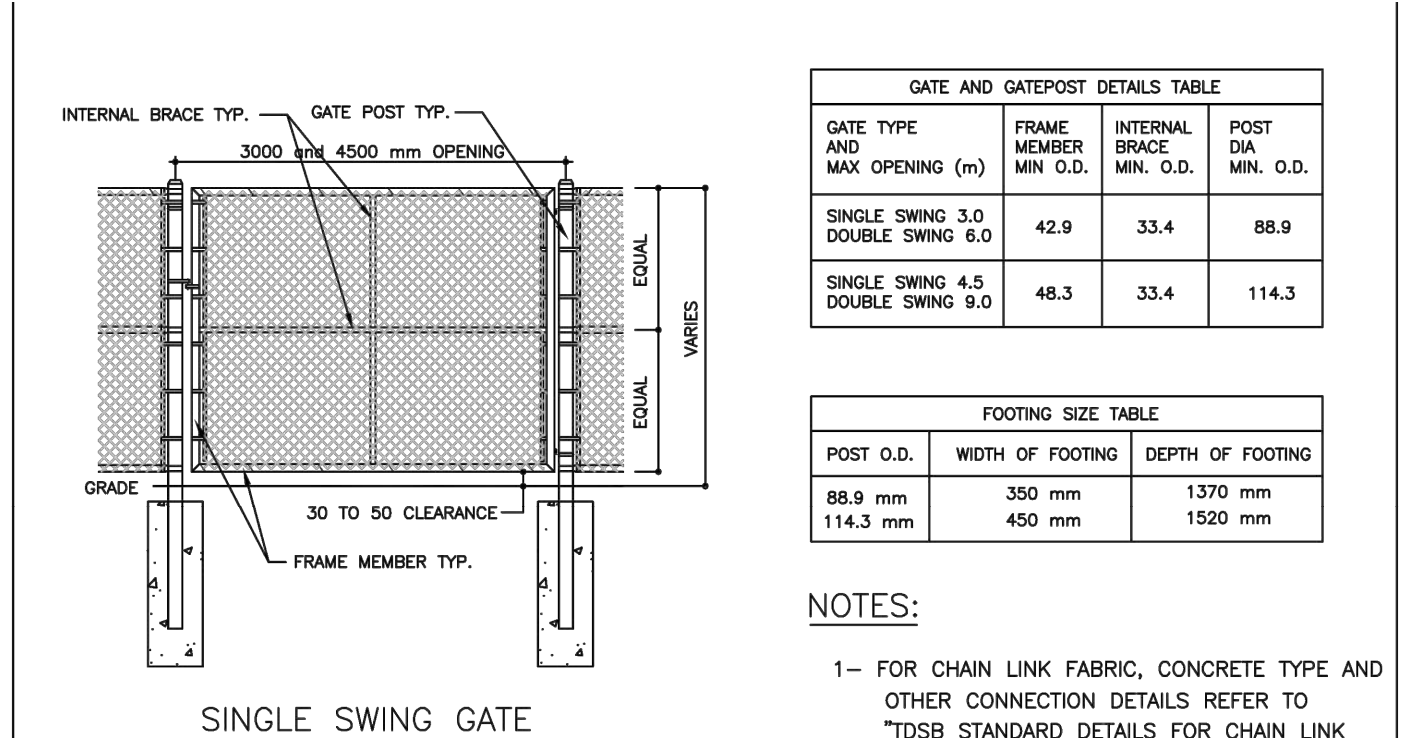
Date: 17/01/2012

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Sheet No: S-1

5 CHAINLINK FENCE
L202 NTS



GATE AND GATEPOST DETAILS TABLE

GATE TYPE AND MAX OPENING (m)	FRAME MEMBER MIN. O.D.	INTERNAL BRACE MIN. O.D.	POST DIA. MIN. O.D.
SINGLE SWING 3.0	42.9	33.4	88.9
DOUBLE SWING 6.0	48.3	33.4	114.3

FOOTING SIZE TABLE

POST O.D.	WIDTH OF FOOTING	DEPTH OF FOOTING
88.9 mm	300 mm	1370 mm
114.3 mm	450 mm	1500 mm

NOTES:

- 1- FOR CHAIN LINK FABRIC, CONCRETE TYPE AND OTHER CONNECTION DETAILS REFER TO "TDSB STANDARD DETAILS FOR CHAIN LINK FENCE S-1" AND SPECS

Toronto District School Board

Facility Services Department
Design & Construction Division
15 Oakburn Cres., Toronto, Ontario M2N 2T5
T: 416-395-4288 F: 416-395-9734

Facility: SCHOOL NAME ANY STREET NAME

Project: TDSB STANDARD DETAILS FOR CHAIN LINK GATES

Sheet Title: XXXX XXXX XXXX

Scale: NTS

Drawn By: M.OZKAN

Checked By: M.OZKAN

Date: 17/01/2012

Approved By: STANDARDS COMM.

TDSB Project No: XXXX-XXXX-XXX

Sheet No: S-2

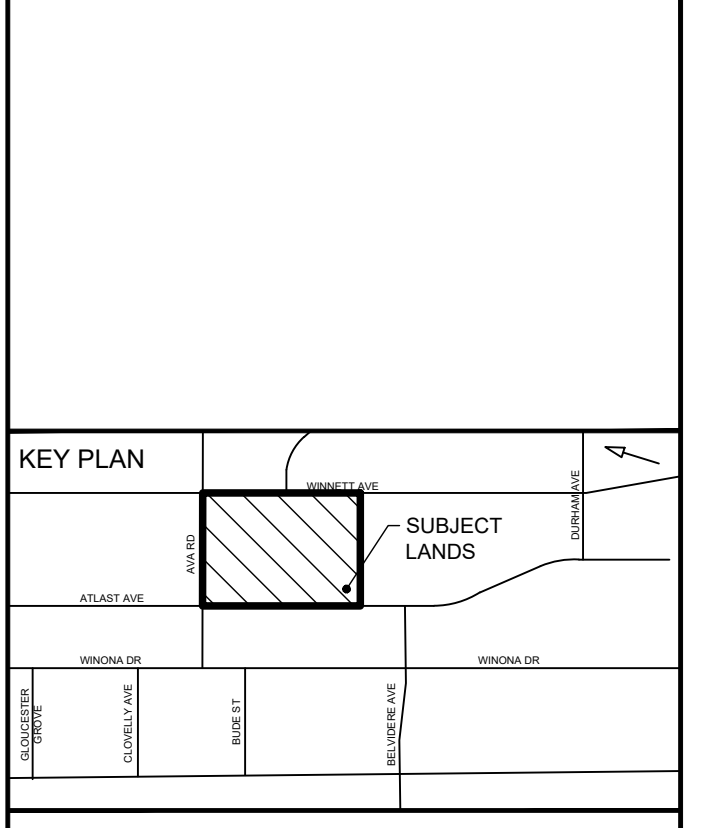
6 CHAINLINK GATE
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PROJECT
J R WILCOX COMMUNITY SCHOOL MASTER PLAN
231 AVA RD YORK, ONTARIO

PROJECT NO: 140843

DRAWN BY: SW	CHECKED BY: TO
PROJECT MGR: TO	APPROVED BY: TO

SHEET TITLE
LANDSCAPE DETAILS

SHEET NUMBER
L202

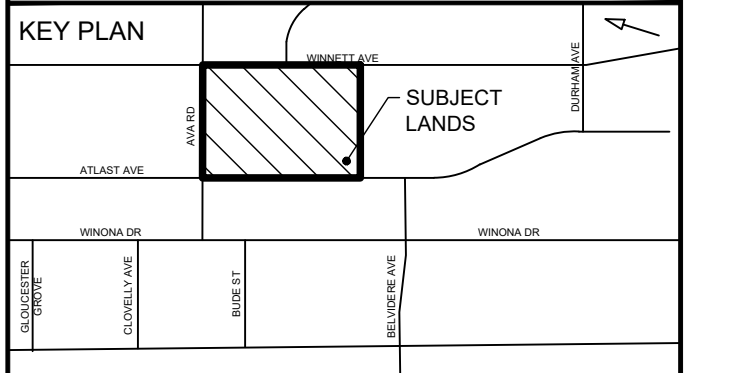
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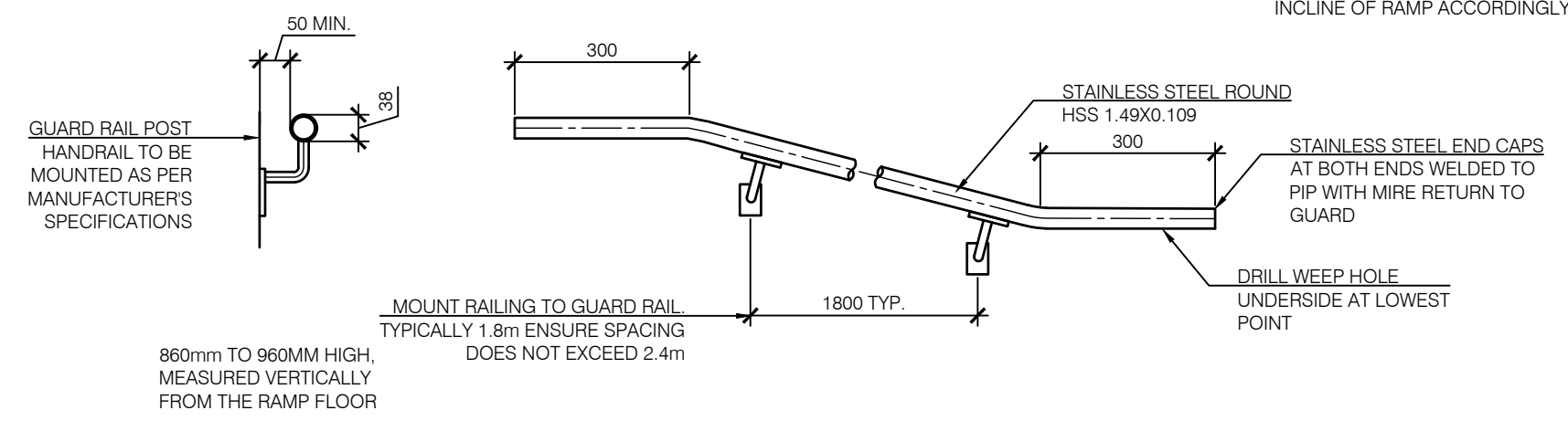
PROJECT
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PROJECT NO: 140843	CHECKED BY: TO
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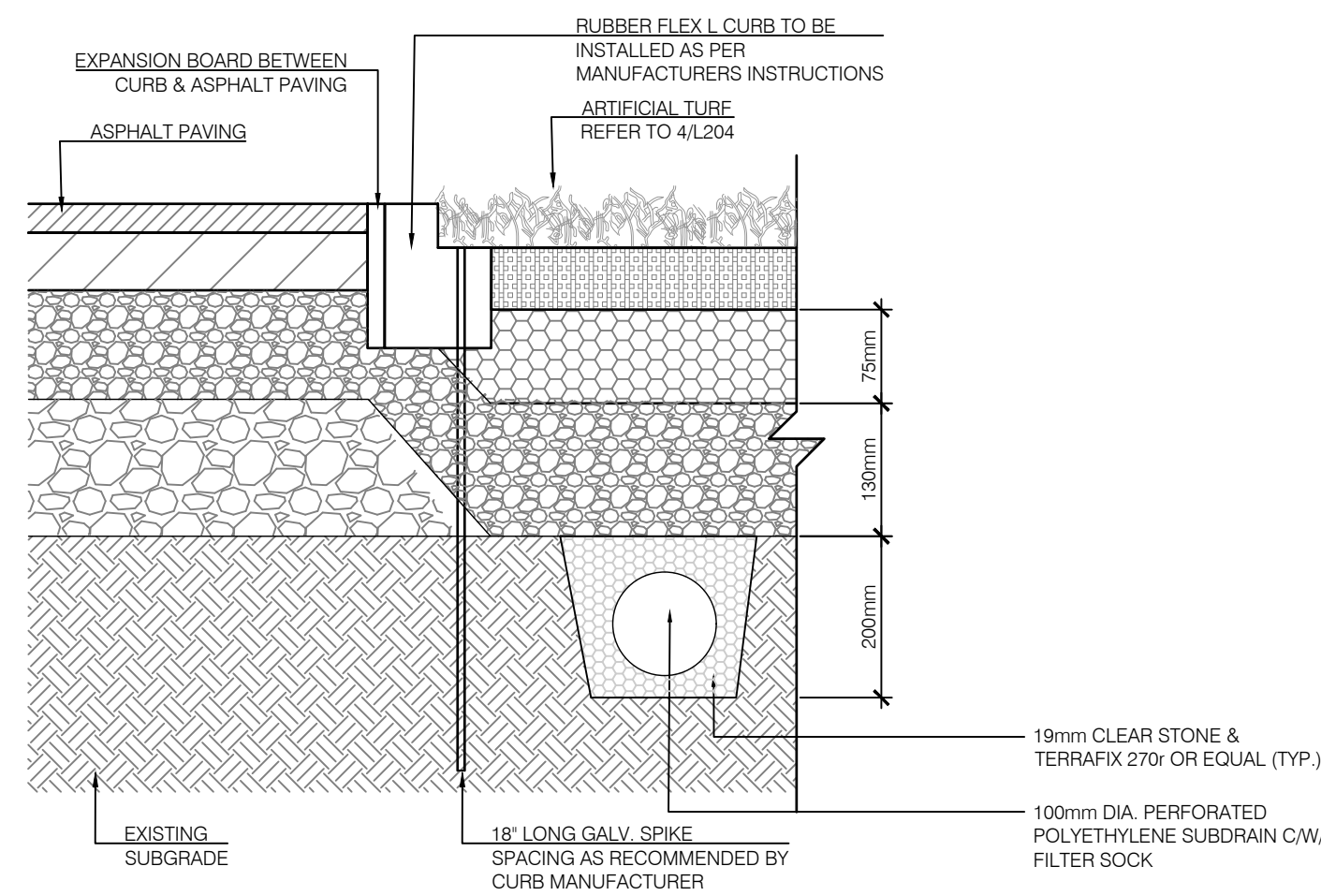
SHEET TITLE
LANDSCAPE DETAILS

SHEET NUMBER L203	ISSUE 1
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CONTRACTOR TO SUBMIT SHOP DRAWINGS, STAMPED BY ENGINEER FOR REVIEW



1
L203
HAND RAIL
 N.T.S.

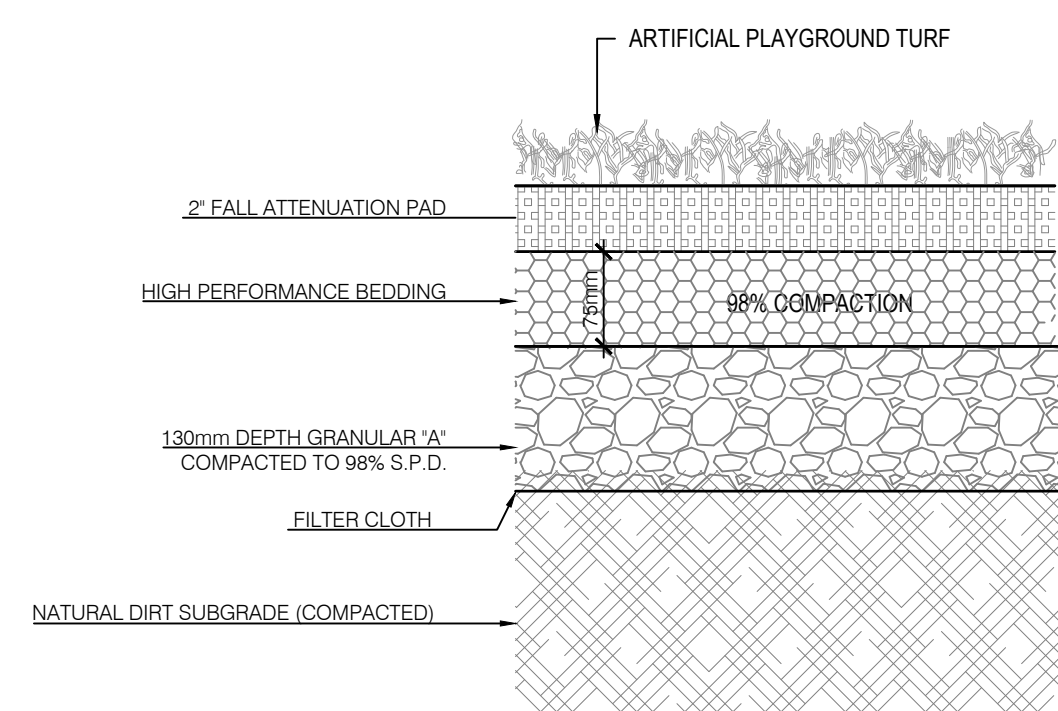


SPECIFICATIONS:
 POSTS & PICKETS: COLD FORMED STEEL TUBING INTERIOR & EXTERIOR GALVALUME™ COATING
 FITTINGS: 12GA STAMPED FORGED (FINISH AS DESCRIBED)
 RAILS: ZAM COATED COLD FORMED TUBING (Zinc, aluminum, Magnesium) COATED INTERIOR & EXTERIOR STAINLESS STEEL
 WELDS: BLACK
 COLOUR: CHROMATE CONVERSION COATING ELECTROSTATICALLY APPLIED THERMALLY BONDED POLYESTER POWDER COATING MINIMUM FILM THICKNESS 2.5 mils
 WARRANTY: FIVE YEAR
 POSTS: 76mm x 76mm (3"x3"), 14 GA. SS40, OR 280WALL
 POST FLANGES: 152mm x 152mm x 13mm (6"x6"x1/2")
 RAILS: 38mm x 64mm (1 1/2" x 2 1/2"), 16GA.
 PICKETS: 19mm x 38mm (3/4" X 1 1/2"), 16GA.
 POST CAP: PYRAMID

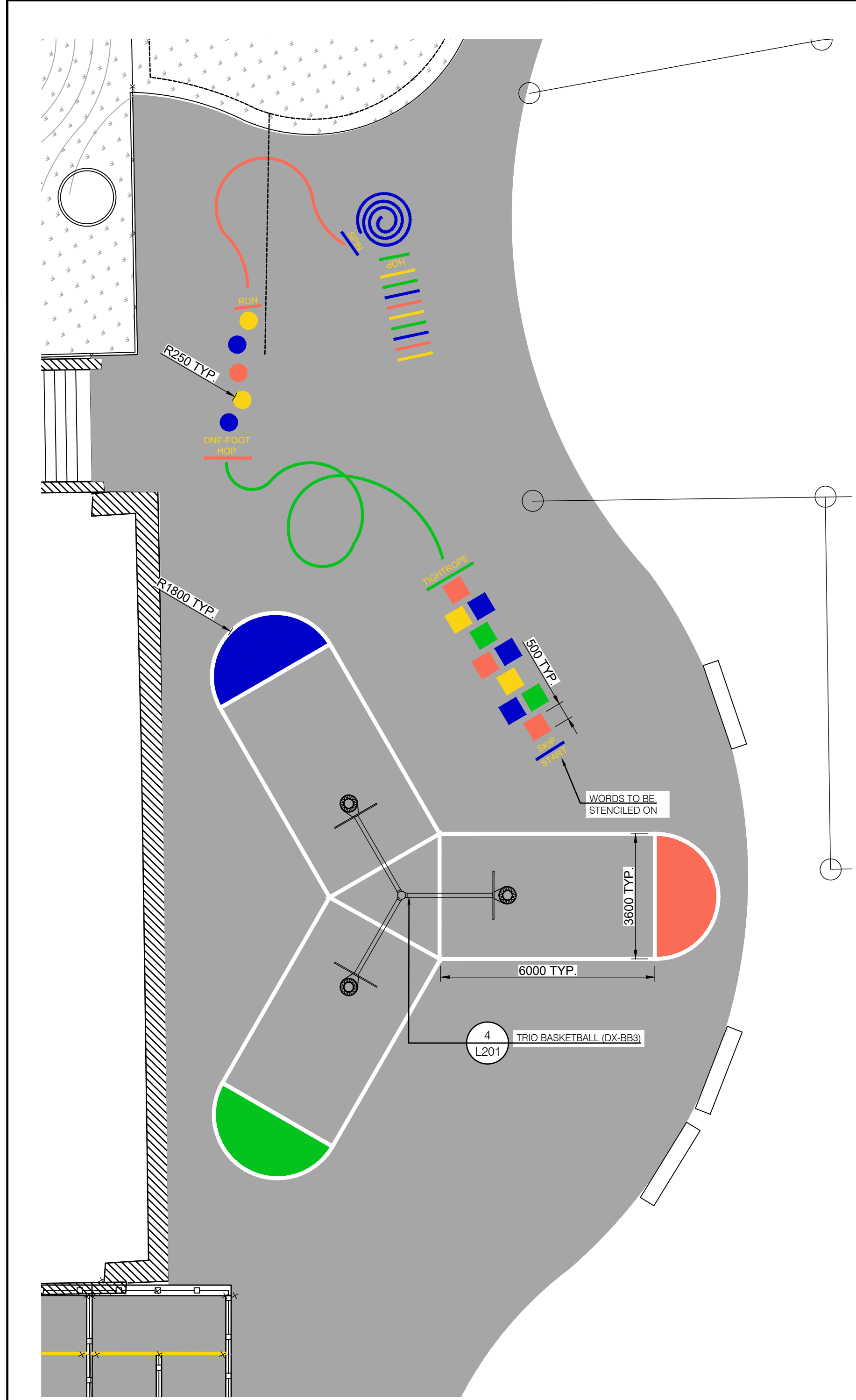
NOTES:
 1. INSTALLATION: CORE DRILL POSTS INTO CONCRETE WALL A MINIMUM OF 900mm, FILL GAP WITH NON-SHRINK GROUT
 2. POSTS, RAILINGS & PICKETS ARE COLD FORMED STEEL TUBING WITH INTERIOR AND EXTERIOR GALVALUME COATING, CHROMATE CONVERSION COATING ELECTROSTATICALLY APPLIED THERMALLY BONDED POLYESTER POWDER COATING WITH A MINIMUM FILM THICKNESS 2.5mils.
 3. ENSURE 75mm MIN. CONCRETE COVER OVER ALL EMBEDDED METALS.
 4. PANELS, POSTS & RAILS ARE TO BE SECURED WITH A TAMPER PROOF UT.

2
L203
ORNAMENTAL GUARD RAIL ON WALL
 N.T.S.

3
L203
RUBBER CURB EDGE
 NTS



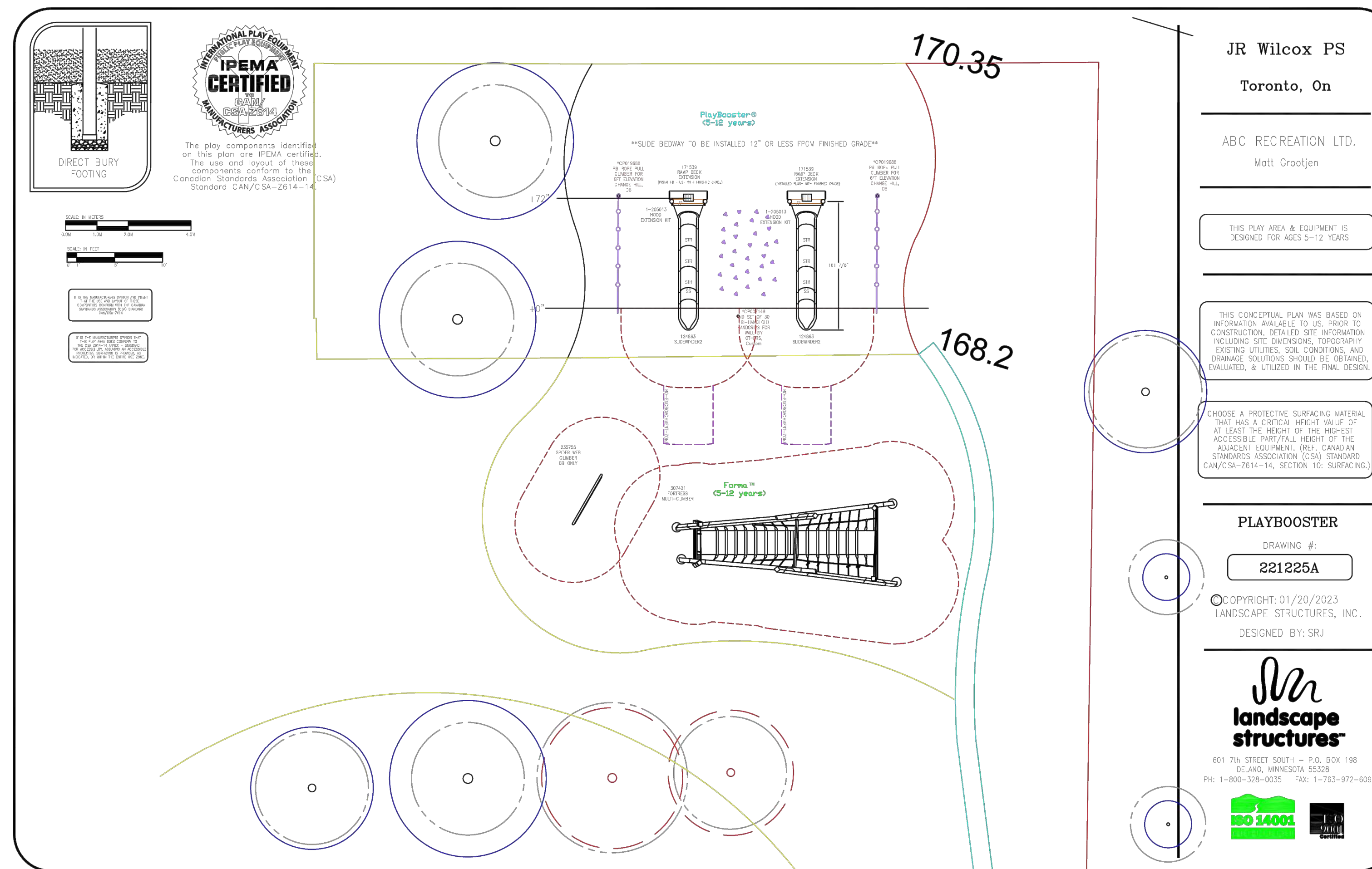
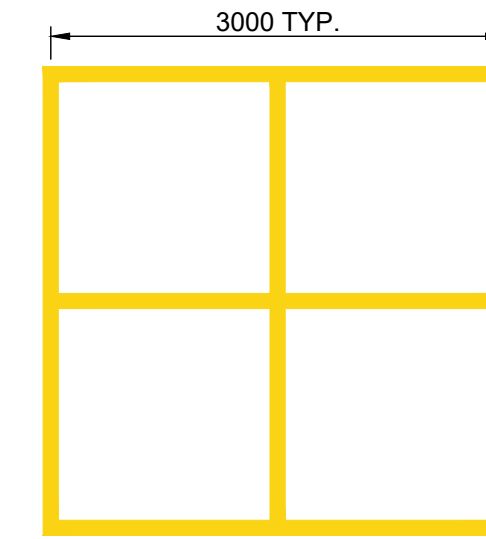
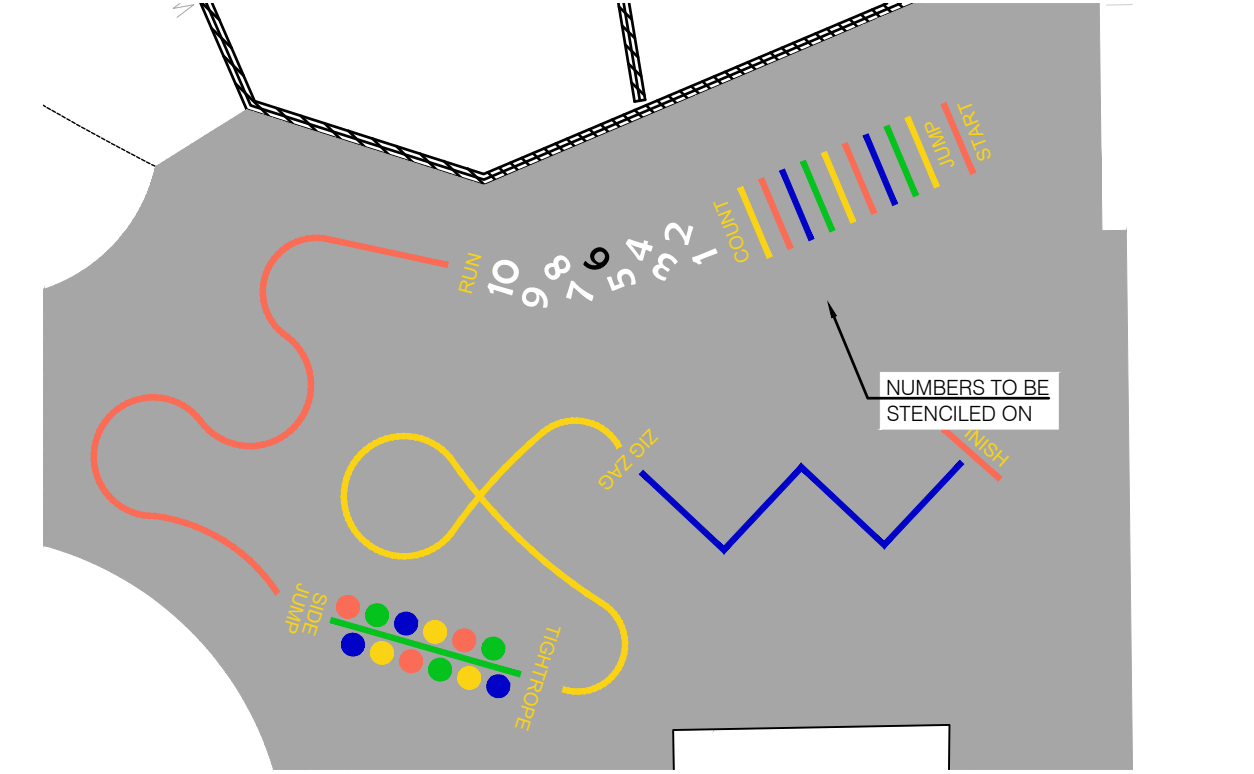
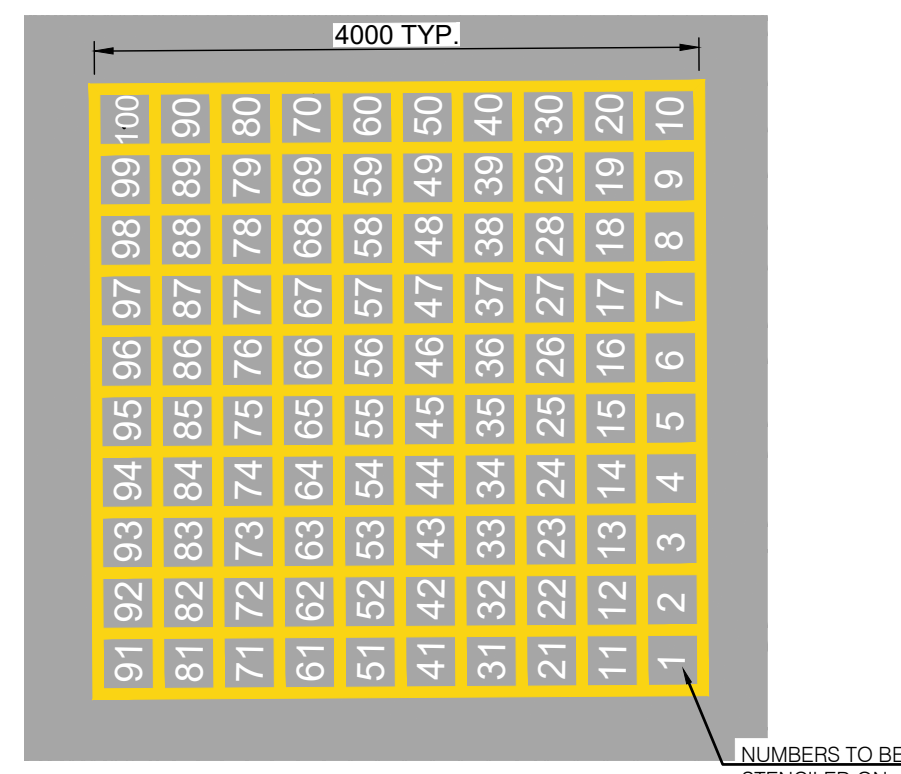
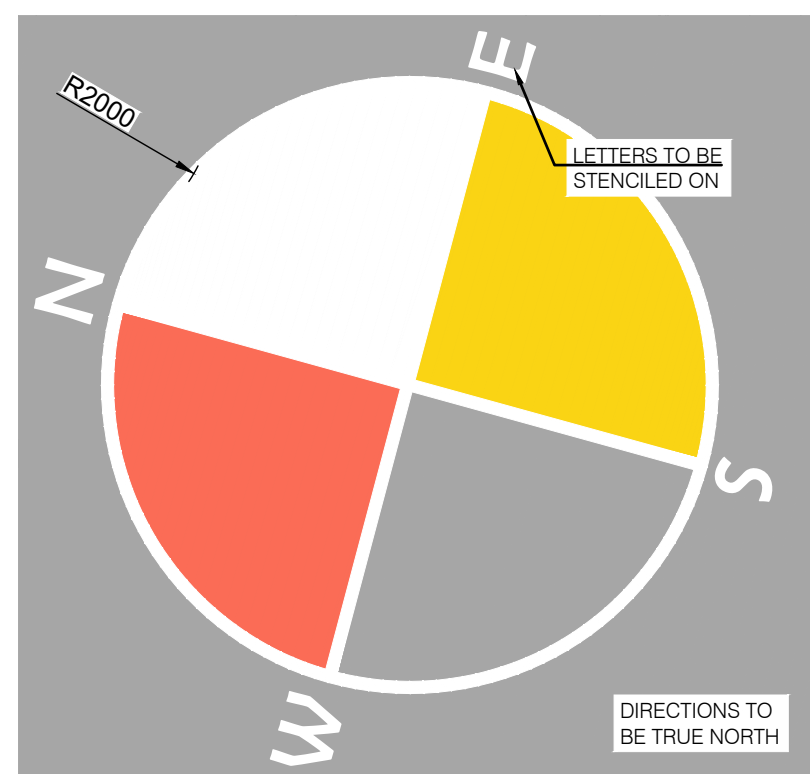
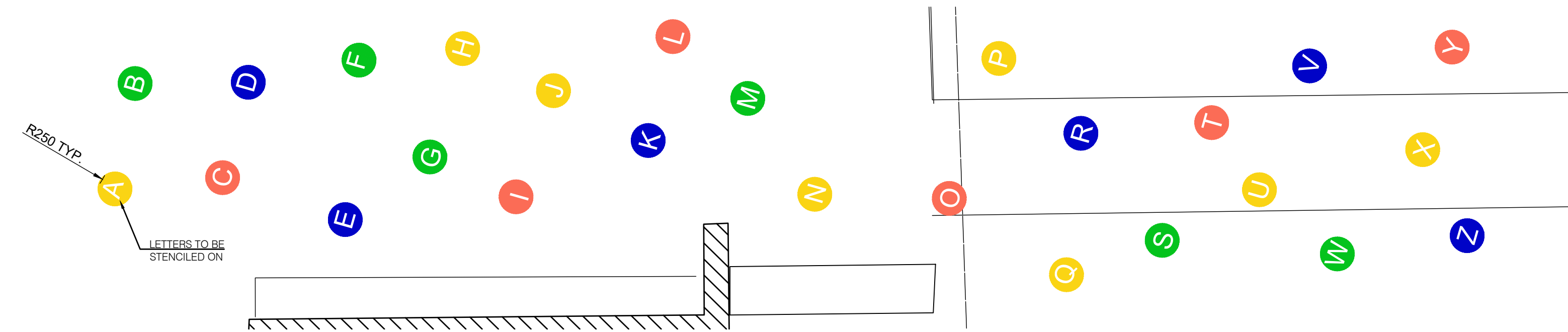
4
L203
ARTIFICIAL TURF
 NTS



- NOTES
- ALL DIMENSIONS ARE IN MILLIMETERS, NOT TO SCALE.
 - DIMENSIONS ARE STANDARD, UNLESS OTHERWISE
 - PAINT AND COLOURS TO BE AS PER PLANS AND SPECIFICATIONS.
 - ASPHALT PAINTING TO BE STREETBOND® BY HUB (HUBSS.COM) OR APPROVED EQUAL.
 - LINES ARE TO BE 100mm UNLESS OTHERWISE NOTED.
 - CONTRACTOR TO PROVIDE SAMPLES OF PAINT COLOURS AND TEMPLATES OF NUMBERS AND LETTERS FOR APPROVAL, PRIOR TO INSTALLATION
 - CONTRACTOR TO CONFIRM WITH PROJECT MANAGER OF LAYOUT PRIOR TO PAINTING
 - TRIPLE HOOP LINE TO BE 6.0m IN DIAMETER

COLOUR LEGEND

	SR WHITE
	SR SAFETY BLUE
	MARIGOLD
	PAPRIKA
	CELTIC GREEN

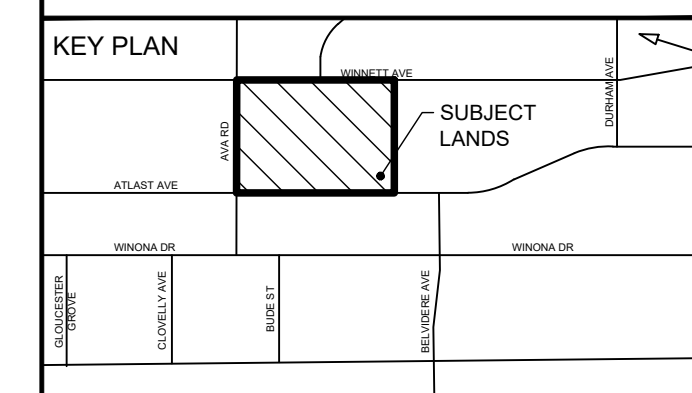


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Arcadis Professional Services (Canada) Inc.

ISSUES

No.	DESCRIPTION	DATE
1	ISSUED FOR TENDER	2023-10-30



CONSULTANTS

NOT FOR CONSTRUCTION

SEAL

ARCADIS
360 James Street North - Suite 200
Hamilton ON L8L 1H5 Canada
tel 905 546 1010
www.arcadis.com

PROJECT
J R WILCOX COMMUNITY SCHOOL MASTER PLAN
231 AVA RD YORK, ONTARIO

PROJECT NO:
140843
DRAWN BY:
SW
PROJECT MGR:
TO

CHECKED BY:
TO
APPROVED BY:
TO

SHEET TITLE
LANDSCAPE DETAILS

SHEET NUMBER
L204
ISSUE
1

GENERAL NOTES

A. GENERAL

- 1. THESE DRAWINGS SHOW STRUCTURAL CONTENT ONLY. SEE DRAWINGS OF OTHER DISCIPLINES FOR LIFE SAFETY, LANDSCAPE, MECHANICAL AND ELECTRICAL.
2. READ STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS.
3. BEFORE PROCEEDING WITH WORK, VERIFY ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS WITH ACTUAL DIMENSIONS OF EXISTING STRUCTURE. REPORT ANY DISCREPANCIES TO ENGINEER BEFORE PROCEEDING WITH WORK.
4. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE METRIC. ALL LEVELS, UNLESS OTHERWISE NOTED, ARE IN m. DO NOT SCALE DRAWINGS.
5. THESE DRAWINGS SHOW THE COMPLETED STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY ON THE JOB SITE, AND DESIGN, INSTALLATION AND SUPERVISION OF ALL TEMPORARY BRACING, SHORING, FORM WORK AND FALSE WORK, REQUIRED TO COMPLETE THE WORK.
6. THE USE OF THESE DRAWINGS SHALL BE STRICTLY LIMITED TO THE INSTRUCTIONS IN THE REVISION BLOCK. BUILDING FROM THESE DRAWINGS SHALL PROCEED ONLY WHEN 'ISSUED FOR CONSTRUCTION'.
7. ANY DAMAGE TO EXISTING BUILDING OR TO NEIGHBOURING PROPERTIES IS NOT PERMITTED. CONTRACTOR IS RESPONSIBLE TO MAKE GOOD ALL UNAVOIDABLE DAMAGE.
8. SHORE ALREADY EXISTING WORK AS REQUIRED UNTIL ALL NEW WORK HAS BEEN COMPLETED AND REVIEWED BY THE CONSULTANT.
9. SHORE FLOORS AS REQUIRED TO SUPPORT CRANES, HOISTS AND OTHER CONSTRUCTION EQUIPMENT, UNTIL COMPLETION OF CONSTRUCTION.
10. CONFORM WITH ALL APPLICABLE CODES AND BY LAWS CONCERNING SAFETY, NOISE AND VIBRATIONS.
11. INFORMATION ABOUT EXISTING BUILDING STRUCTURE IS TRANSFERRED FROM AVAILABLE EXISTING BUILDING DRAWINGS. ENGINEER IS NOT RESPONSIBLE FOR DISCREPANCIES BETWEEN SHOWN EXISTING BUILDING AND ACTUAL CONDITIONS ON SITE.
12. CONTRACTOR IS RESPONSIBLE FOR ALL WORK NOT EXPLICITLY SHOWN, NECESSARY TO ACHIEVE FINAL RESULT SHOWN ON CONTRACT DRAWINGS.

B. ALTERATIONS AND CONNECTIONS TO EXISTING STRUCTURE

- 1. EXISTING STRUCTURE SHOWN IS AS PER BUILDING DRAWINGS BY: - TAYLOR SMYTH ARCHITECTS, ISSUED FOR TENDER, 06/09/2011.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON PLANS AND ASSUME FULL RESPONSIBILITY FOR THE ACCURACY OF CONSTRUCTION.
3. INSPECT THE EXISTING BUILDING AND BECOME THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS.
4. CHECK ALL DRAWINGS AGAINST ACTUAL CONDITIONS ON SITE PRIOR TO FABRICATING ANY STRUCTURAL STEEL, ORDERING ANCHORS, ETC. REPORT DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
6. SHORE EXISTING STRUCTURE AS REQUIRED UNTIL ALL NEW WORK HAS BEEN COMPLETED AND REVIEWED BY THE ENGINEER.
7. SHORE EXISTING RETAINING WALLS AS REQUIRED TO SUPPORT CRANES, HOISTS AND OTHER CONSTRUCTION EQUIPMENT.
8. DO NOT CUT EXISTING CONCRETE REINFORCEMENT UNLESS REVIEWED AND APPROVED BY THE ENGINEER.
9. MODIFY THE LAYOUT OF NEW THROUGH BOLTS, EXPANSION ANCHORS AND OTHER ANCHORING DEVICES REQUIRED TO AVOID EXISTING CONCRETE REINFORCEMENT, OR OTHER UNFORESEEN SITE CONDITIONS. REQUEST APPROVAL BY THE ENGINEER.

C. CODES AND STANDARDS

- 6. PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE, 2012, LATEST AMENDMENTS.
7. COMPLY WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS (LATEST EDITION).

D. MATERIAL AND DESIGN DATA

- 1. CONCRETE: CONFORM TO THE REQUIREMENTS OF CAN/CSA-A23.1-04 - CONCRETE MATERIALS AND METHODS OF CONCRETE CONSTRUCTION.
RETAINING WALL: CLASS F-2, fc = 30 MPa AT 28 D.
EXTERIOR SLAB ON GRADE: CLASS C-2, fc = 32 MPa AT 28 D.
CONCRETE MAY CONTAIN UP TO 50% OF FLY ASH (ASTM C618) OR GROUND GRANULATED BLAST FURNACE SLAG (ASTM C989) PROVIDED THAT CONCRETE SUPPLIER CERTIFIES THAT REQUIREMENTS FOR CONCRETE CLASS AND COMPRESSIVE STRENGTH SPECIFIED ABOVE ARE MET. CONTRACTOR SHALL ARRANGE FOR CONCRETE QUALITY TESTING AS PER CAN CSA A23.2-04.
2. CONCRETE REINFORCEMENT: CONFORM TO CSA G30.18, MIN. fy = 400 MPa.
3. SEALANT: TREMCO DYMERIC 240/240FC OR APPROVED EQUIVALENT.

E. SITE REVIEW RESPONSIBILITIES

- 1. OJDROVIC ENGINEERING (OE) WILL PROVIDE GENERAL REVIEW OF CONSTRUCTION IN ACCORDANCE WITH THE PERFORMANCE STANDARDS OF THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF ONTARIO BY MEANS OF A RATIONAL SAMPLING PROCEDURE TO DETERMINE WHETHER THE CONSTRUCTION OF THAT WORK SHOWN ON THE OE DRAWINGS IS IN GENERAL CONFORMITY WITH THE PLANS, SKETCHES, DRAWING AND SPECIFICATIONS FORMING PART OF THE CONTRACT DOCUMENTS PREPARED BY OE.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR QUALITY CONTROL AND THE PERFORMANCE OF THE WORK IN ACCORDANCE WITH THE CONTRACT.
3. OE SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

F. SHOP DRAWINGS REVIEW

- 1. BEFORE ORDERING, CUTTING OR ASSEMBLING ANY MATERIAL, PREPARE SHOP DRAWINGS AS REQUESTED IN CONTRACT DOCUMENTS AND REQUEST REVIEW BY ENGINEER.
2. REVIEW OF SHOP DRAWINGS IS FOR THE SOLE PURPOSE OF ASCERTAINING GENERAL CONFORMANCE WITH THE DESIGN CONCEPT. SUCH REVIEW DOES NOT IN ANY WAY RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS OR FOR COMPLIANCE WITH CONTRACT DOCUMENTS.
3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INFORMATION PERTAINING TO THE FABRICATION PROCESS, TECHNIQUES OF CONSTRUCTION AND INSTALLATION, AND FOR COORDINATION OF THE WORK OF ALL SUB-TRADES.

CONSTRUCTION NOTES

G. CONCRETE AND REINFORCEMENT

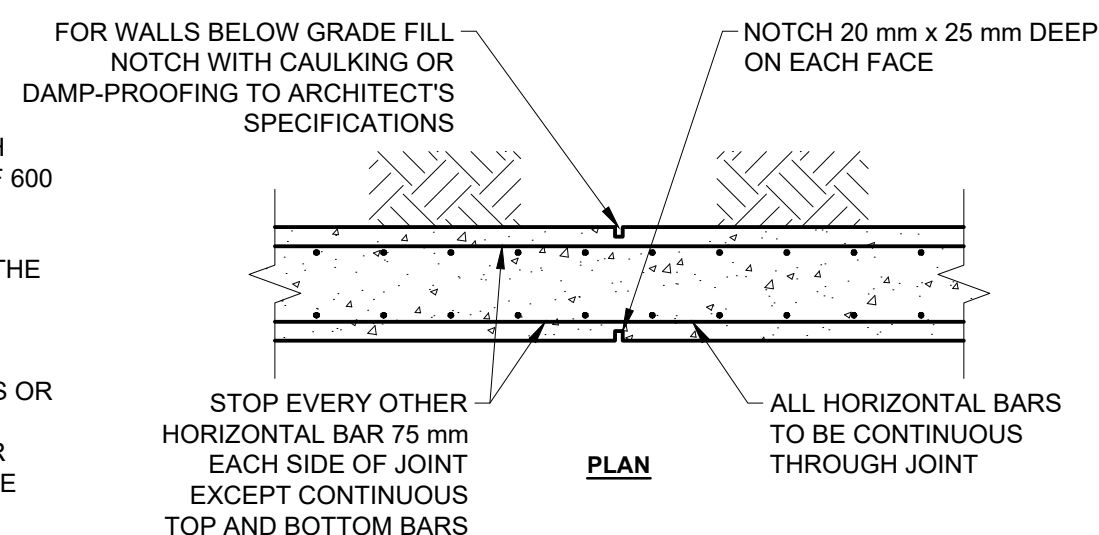
- 1. ALL DOWELS SHALL HAVE A MINIMUM EMBEDMENT EQUIVALENT TO THE STRAIGHT TENSION EMBEDMENT LENGTH CORRESPONDING TO THE SIZE OF BAR. DOWELS FROM WALLS TO SLABS SHALL HAVE A MINIMUM EMBEDMENT OF 600 mm INTO WALLS AND SLABS UNLESS OTHERWISE NOTED OR SHOWN.
2. PROVIDE DOWELS TO WALLS AND COLUMNS SIMILAR IN NUMBER, SIZE AND SPACING TO THE VERTICAL STEEL IN THE WALL OR COLUMN ABOVE UNLESS OTHERWISE NOTED OR SHOWN.
3. CONSTRUCTION JOINTS:
A) HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE MADE IN BEAMS OR WALLS UNLESS SHOWN ON DRAWINGS OR REVIEWED AND APPROVED BY THE CONSULTANT.
B) VERTICAL CONSTRUCTION JOINTS MAY BE MADE ONLY AT POINTS OF MINIMUM BENDING MOMENT IN BEAMS OR SLABS UNLESS OTHERWISE NOTED OR SHOWN AND THEIR LOCATION SHALL BE REVIEWED AND APPROVED BY THE CONSULTANT.
4. CONTROL JOINTS:
A) UNLESS NOTED OTHERWISE, ALL EXTERIOR WALLS BELOW GRADE SHALL HAVE CONTROL JOINTS AT 6000 mm MAXIMUM.
B) UNLESS NOTED OTHERWISE, ALL SLABS ON GRADE SHALL HAVE CONTROL JOINTS AT 6000 mm MAXIMUM. CUT CONTROL JOINTS AS SOON AS SLAB ON GRADE WILL SUPPORT THE SAW WITHOUT DAMAGE TO SLAB.
5. FOR MINIMUM CONCRETE COVER TO REINFORCEMENT SEE TABLE 17 IN CSA-A23.1-04.
6. MINIMUM CONCRETE COVER TO REINFORCEMENT FOR ALL CONCRETE EXPOSED TO DE-ICING CHEMICALS: 60 mm.
7. COORDINATE AND PROVIDE INSERTS, ANCHOR BOLTS AND ALL CONNECTIONS WITH OTHER TRADES AS REQUIRED.
8. FOR EXACT LOCATION OF SUMP PITS AND MECHANICAL AND ELECTRICAL INSERTS SEE MECHANICAL AND ELECTRICAL DRAWINGS.
9. REQUEST REVIEW OF PLACED REBAR BEFORE POURING ANY CONCRETE. PROVIDE MIN. 48 HOUR NOTICE TO ENGINEER.
10. SITE TESTS: CONDUCT FIELD TESTS AS FOLLOWS AND SUBMIT REPORT:
CONCRETE POURS.
SLUMP.
AIR CONTENT.
COMPRESSIVE STRENGTH AT 7 AND 28 DAYS.
AIR AND CONCRETE TEMPERATURE.
11. INSPECTION AND TESTING OF CONCRETE AND CONCRETE MATERIALS WILL BE CARRIED OUT BY TESTING LABORATORY DESIGNATED BY THE OWNER FOR REVIEW IN ACCORDANCE WITH CSA A23.1/A23.2.
12. PREPARE AND SUBMIT DRAWINGS IN ACCORDANCE WITH THAT RSIC MANUAL OF STANDARD PRACTICE. DRAWINGS SHALL BE STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.

H. SLAB ON GRADE REINFORCEMENT AND CONTROL JOINTS

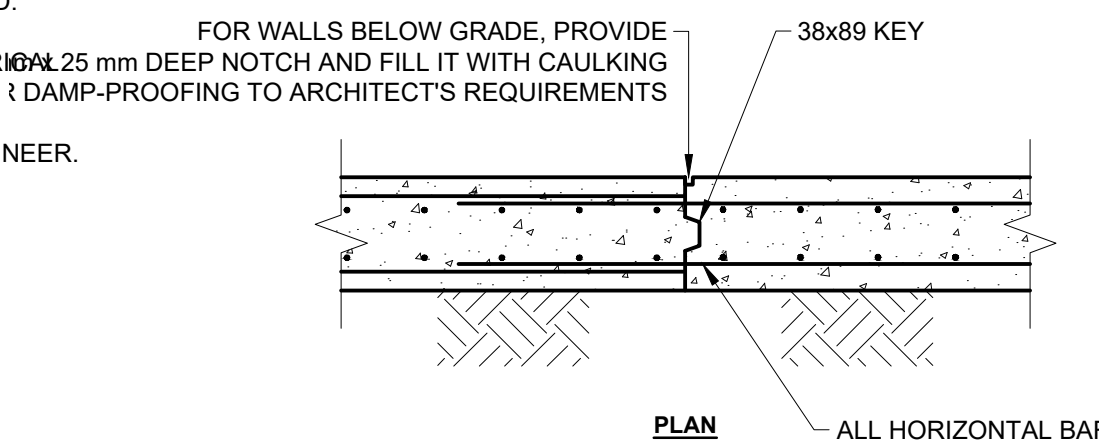
- 1. SLAB ON GRADE SHALL BE PLACED ON SOIL CAPABLE OF SUSTAINING 100 kPa MIN. WITHOUT SETTLEMENT RELATIVE TO THE BUILDING'S FOOTING. IN AREAS WHERE S.O.G. USED TO SUPPORT TEMPORARY SHORING LOADS, LARGER SUBGRADE CAPACITIES MAY BE REQUIRED PER LOADS SUPPLIED BY TEMPORARY WORKS ENGINEER.
2. REINFORCE S.O.G. AS SHOWN ON PLANS.
3. UNLESS OTHERWISE NOTED ON THE STRUCTURAL OR LANDSCAPE DRAWINGS AND SPECIFICATIONS, SPACE CONTROL JOINTS AT 4500 mm O.C. MAXIMUM.
4. SAWCUT JOINTS 4 mm WIDE AND 38 mm DEEP AS SOON AS PRACTICAL, BUT NO LATER THAN 12 HOURS AFTER PLACEMENT OF SLAB. USE EQUIPMENT THAT DOES NOT 'RAVEL' THE EDGES OF THE CUT, SEAL AS REQUIRED.
5. UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, RUN ANY SLAB ON GRADE REINFORCEMENT THROUGH THE JOINTS.

I. FREESTANDING RETAINING WALL NOTES & DETAILS

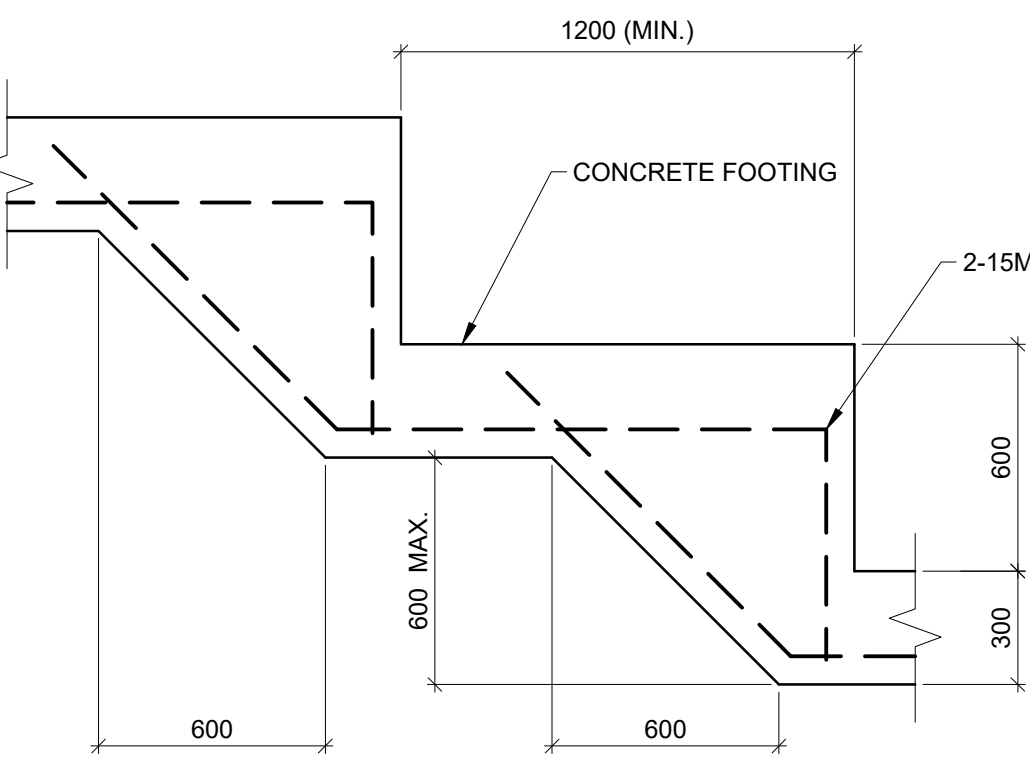
- 1. RETAINING WALLS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING DESIGN ASSUMPTIONS: qult = 100 kPa, qults = 150 kPa, gamma = 20 kN/m3, Uplift = 0.5, Ka = 0.35, Fc = 30 MPa, Galloway = 12 kPa. MAX. SLOPE: 10 HORIZONTAL TO 10 VERTICAL, TO BE CONFIRMED BY THE CONTRACTOR. BEARING SURFACES AND ALLOWABLE BEARING PRESSURE MUST BE REVIEWED AND APPROVED BY A GEOTECHNICAL ENGINEER IMMEDIATELY BEFORE FOOTING CONCRETE IS PLACED.
2. RETAINING WALLS ARE DESIGNED FOR A FREE DRAINING AND WELL DRAINED BACKFILL. SEE LANDSCAPE AND PLUMBING SPECIFICATIONS AND DRAWINGS FOR DRAINAGE REQUIREMENTS.
3. SEE LANDSCAPE DRAWINGS AND SPECIFICATIONS FOR DAMP PROOFING OR WATERPROOFING REQUIREMENTS.
4. DESIGN AND FIELD REVIEW OF BACKFILL IS BY SOILS CONSULTANT AND NOT BY OJDROVIC ENGINEERING.
5. UNLESS NOTED OTHERWISE, ALL RETAINING WALLS BELOW GRADE AND ALL EXTERIOR WALLS EXPOSED TO THE WEATHER ABOVE GRADE SHALL HAVE CONTROL JOINTS. SEE CONTROL JOINT DETAIL. CONSTRUCTION JOINT MAY REPLACE CONTROL JOINT WHERE REQUIRED. THE LOCATION OF CONTROL JOINTS IN EXPOSED CONCRETE WALLS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW.
6. VERTICAL CONTROL JOINTS AND CONSTRUCTION JOINTS PER WALL TYPICAL DETAILS.



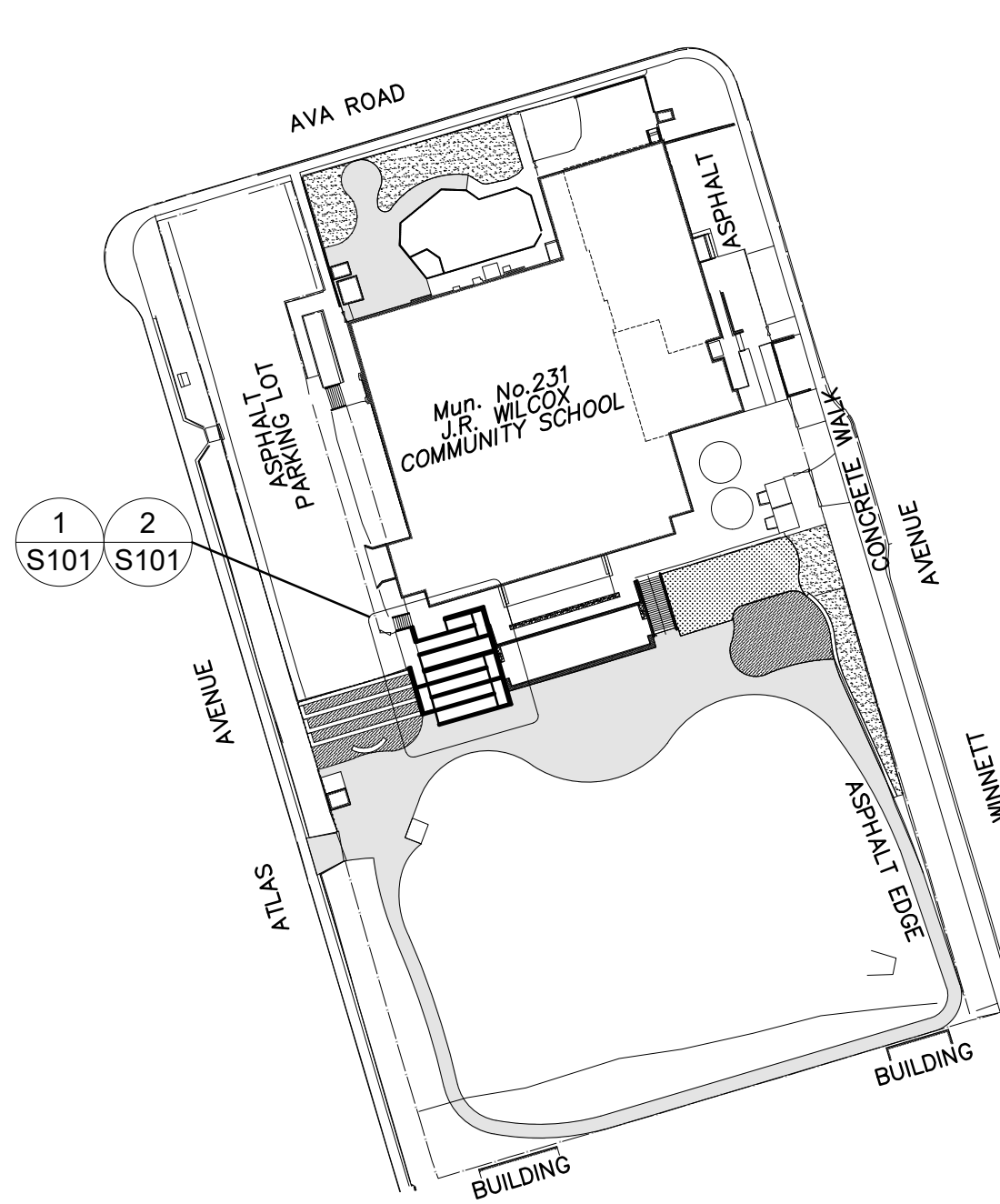
2 WALL CONTROL JOINT - TYPICAL PLAN DETAIL SCALE 1:20



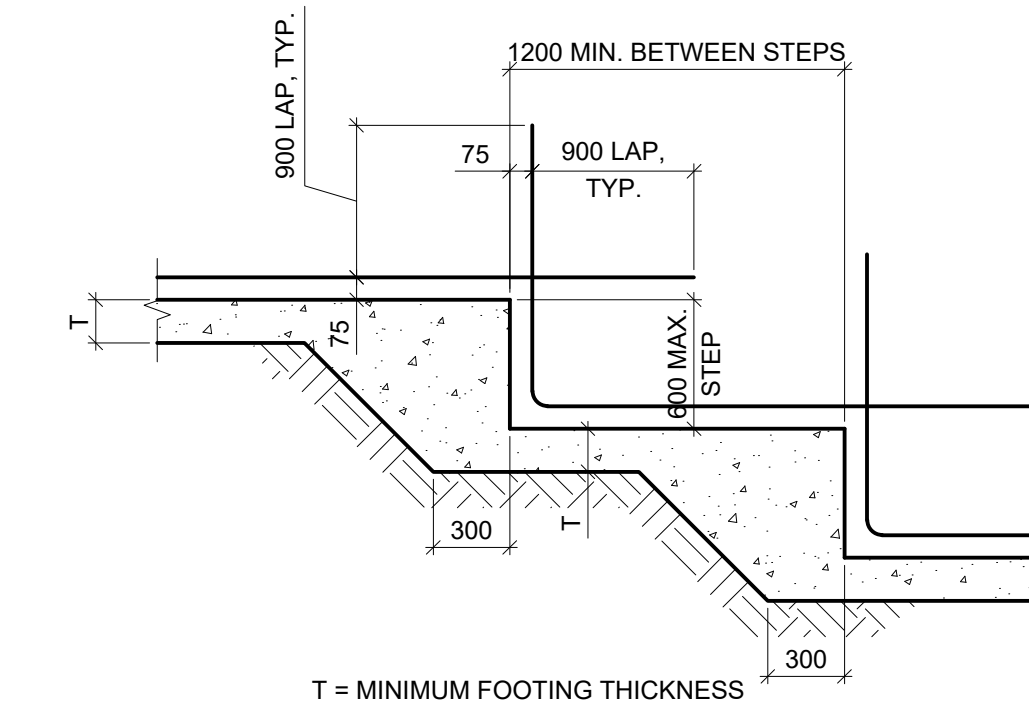
3 WALL CONSTRUCTION JOINT - TYPICAL PLAN DETAIL SCALE 1:20



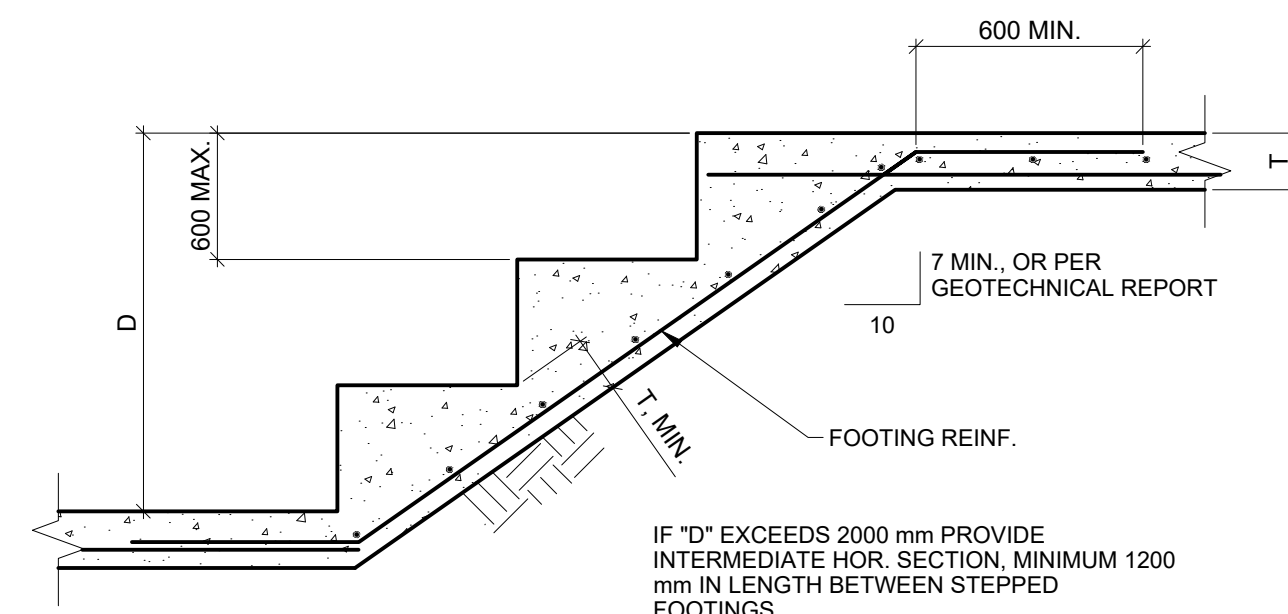
4 TYPICAL STEP FOOTING DETAIL SCALE 1:20



1 KEY PLAN SCALE 1:1000



5 TYPICAL STEP FOOTING DETAIL SCALE 1:20



6 TYPICAL STEPPED FOOTINGS ON SOIL (WALLS) SCALE 1:20

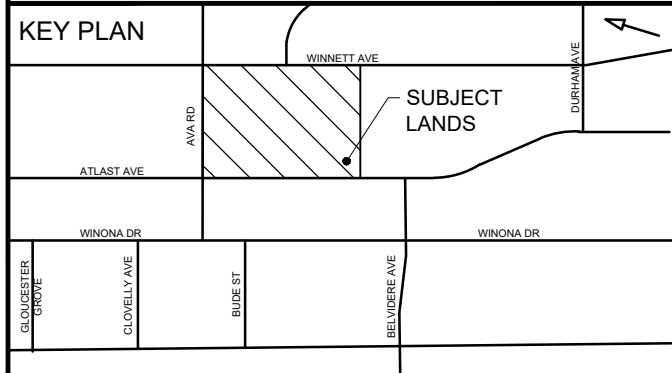
Table with 2 columns: ABBREVIATION and LONG SIDE VERTICAL. Lists various engineering abbreviations and their meanings.

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Table with 3 columns: No., DESCRIPTION, DATE. Lists issue details.



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ojdrovic engineering
4195 Dundas St. W., Suite 233, Toronto ON M3X 1Y4

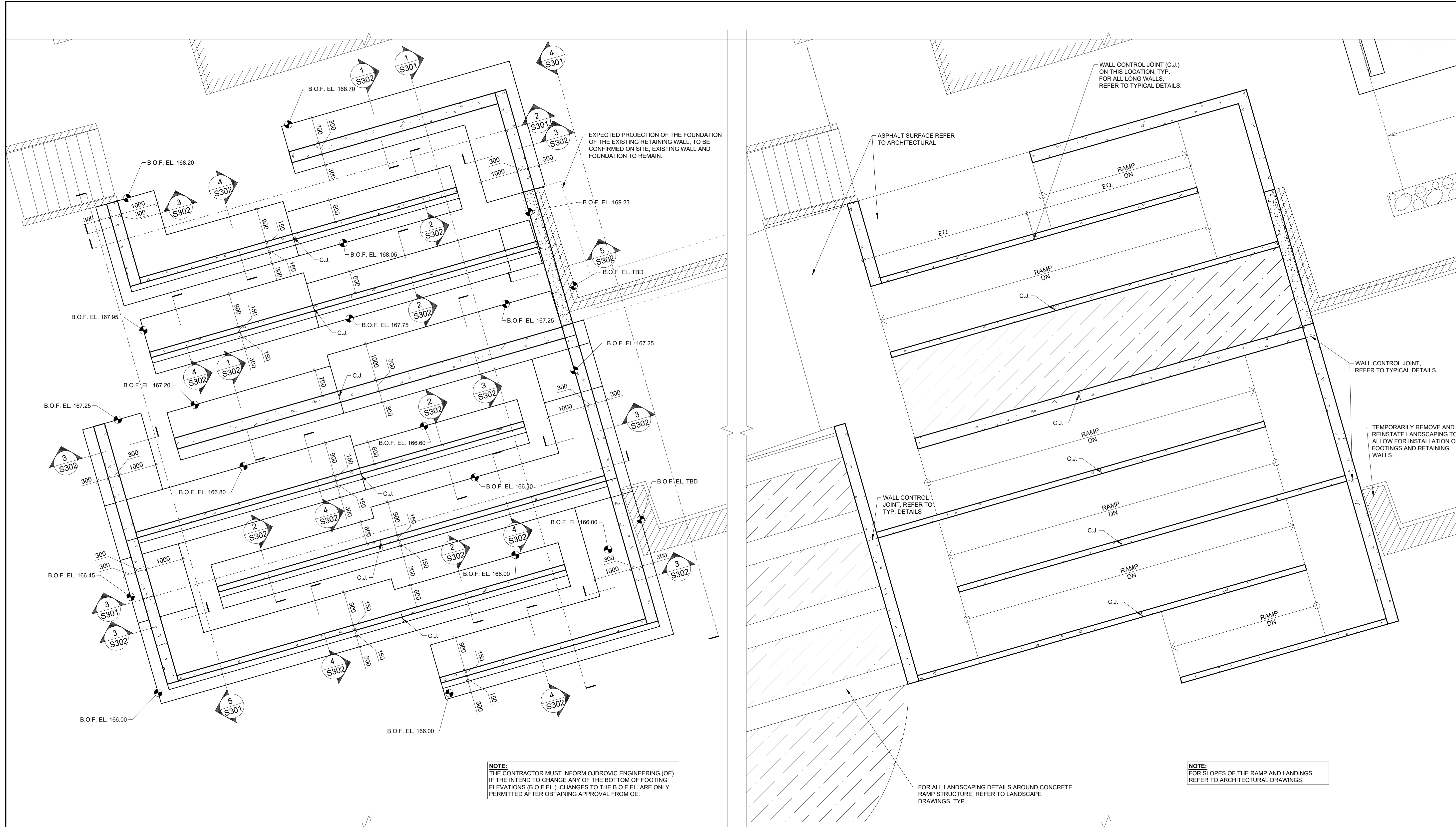
SEAL
Professional Engineer seal for G.N. Minkov.

PRIME CONSULTANT
IBI GROUP
Suite 200 - 360 James Street North
Hamilton ON L8L 1H5 Canada

PROJECT
J R WILCOX COMMUNITY SCHOOL MASTER PLAN
231 AVA RD YORK, ONTARIO

PROJECT NO: 140843
DRAWN BY: A.K. CHECKED BY: G.M.
PROJECT MGR: G.S. APPROVED BY: G.S.

SHEET NUMBER S001 ISSUE 1



1 FOUNDATIONS AND RETAINING WALLS
S101 SCALE 1:50

2 RETAINING WALLS - TOP VIEW
S101 SCALE 1:50

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ISSUES

No.	DESCRIPTION	DATE
01	ADDENDUM #1	10-MAR-2023
02	RE-ISSUED FOR TENDER	5-OCT-2023

KEY PLAN

PROJECT SITE	SUBJECT LANDS
ADJACENT SITE	ADJACENT SITE
ADJACENT SITE	ADJACENT SITE

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ibigroup.com

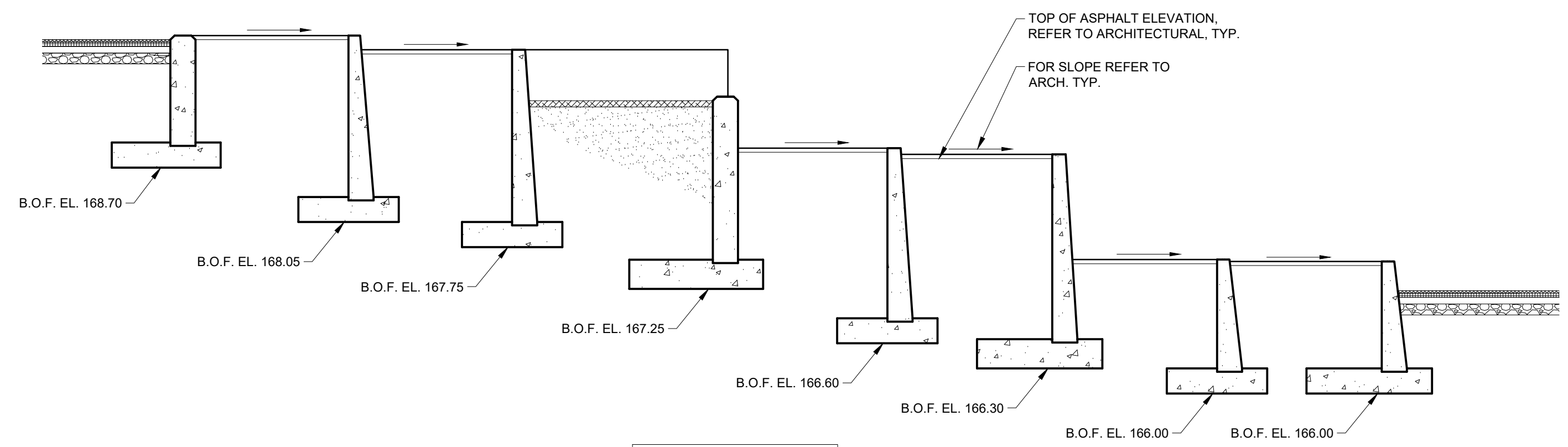
PROJECT
J R WILCOX COMMUNITY SCHOOL MASTER PLAN
231 AVA RD YORK, ONTARIO

PROJECT NO: 140843
DRAWN BY: A.K. **CHECKED BY:** G.M.
PROJECT MGR: G.S. **APPROVED BY:** G.S.

SHEET TITLE
PLANS

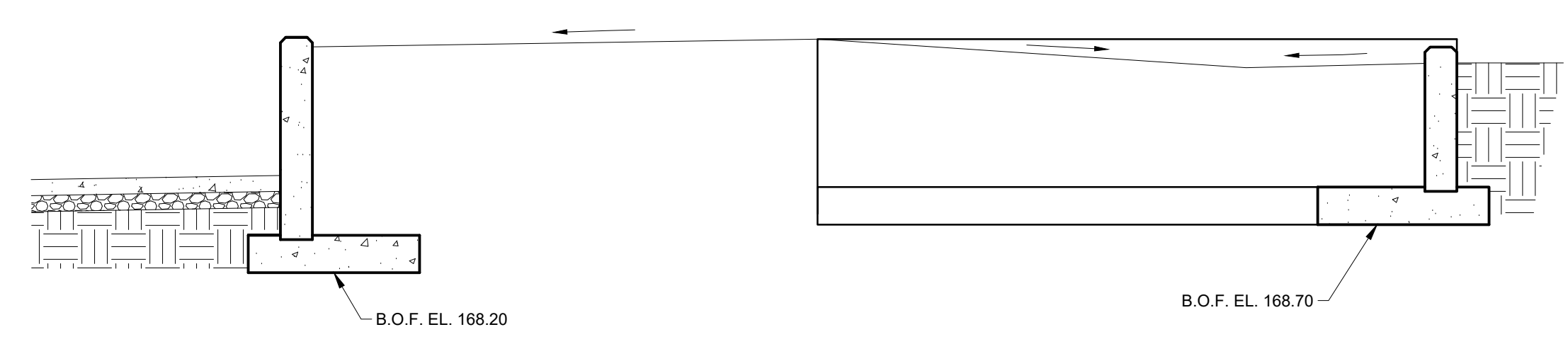
SHEET NUMBER S101 **ISSUE** 1

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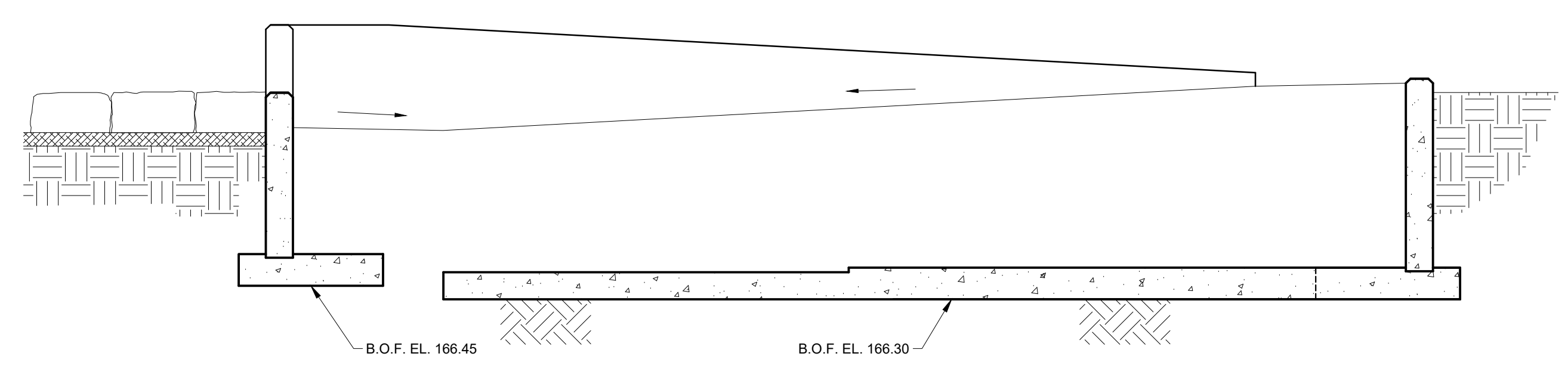
NOTE: FOR THE GUARDRAIL ONE THE WALL. SEE ARCH.

1 SECTION S301 SCALE 1:50



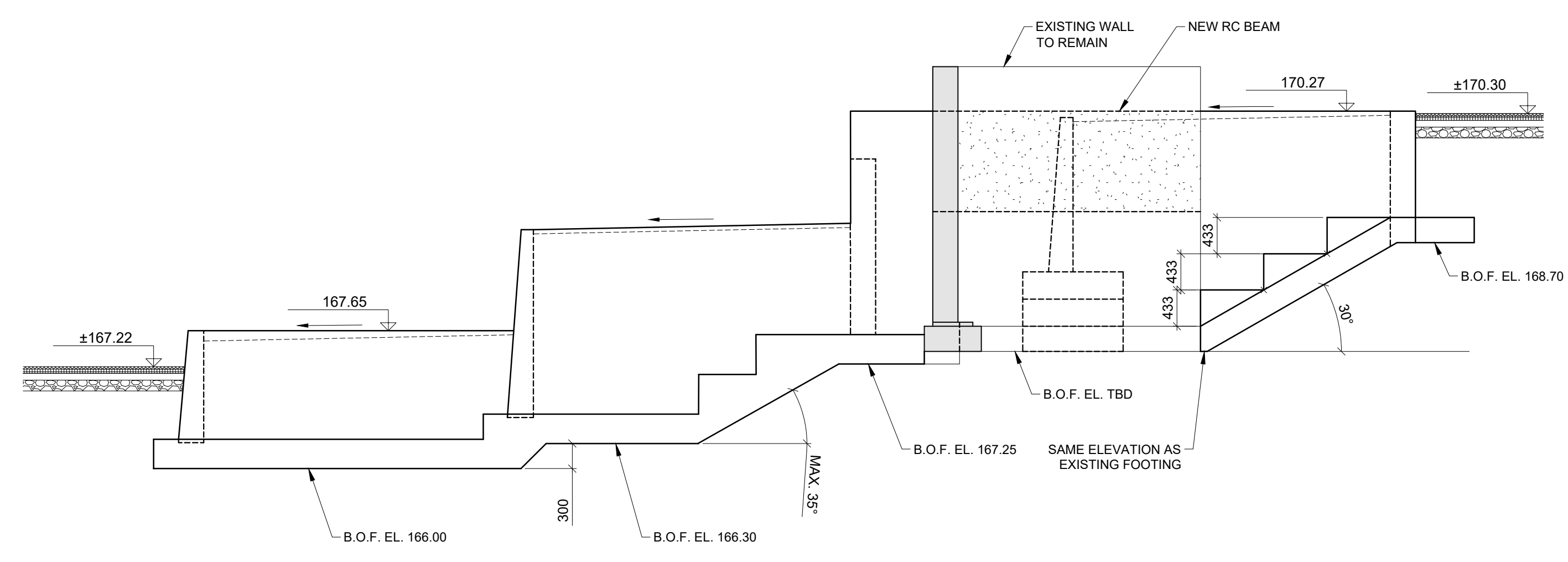
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2 SECTION S301 SCALE 1:50



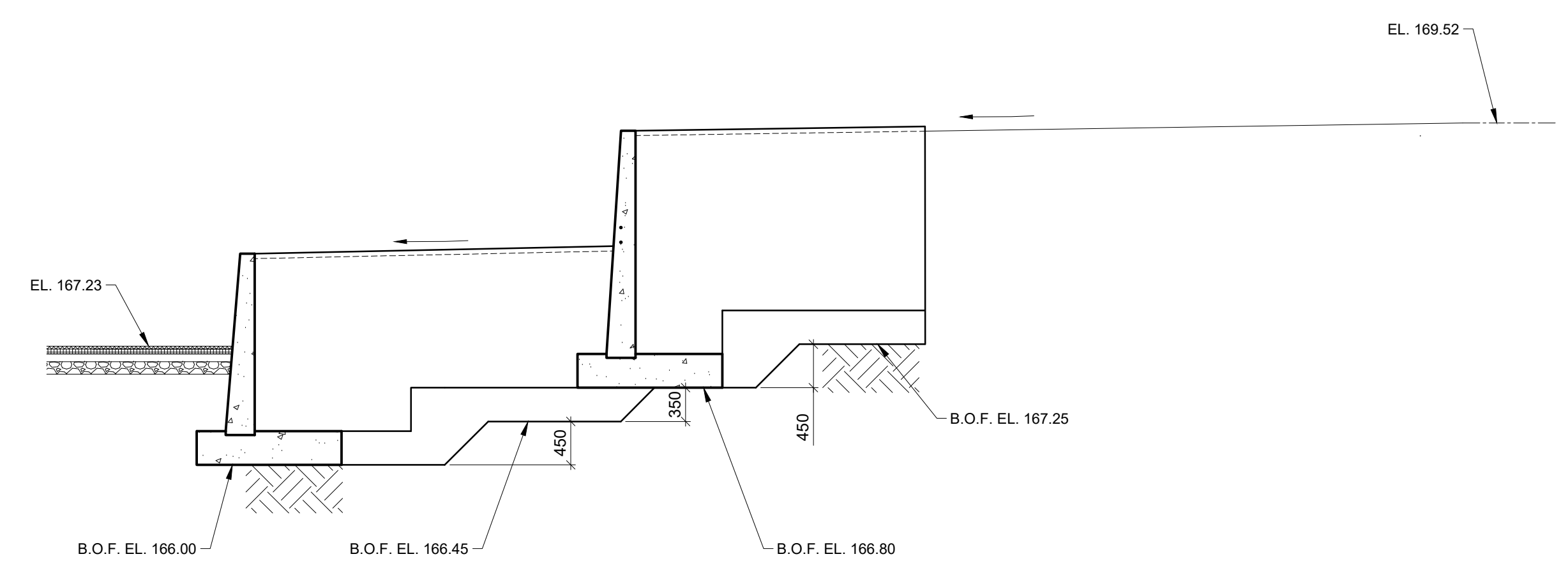
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3 SECTION S301 SCALE 1:50



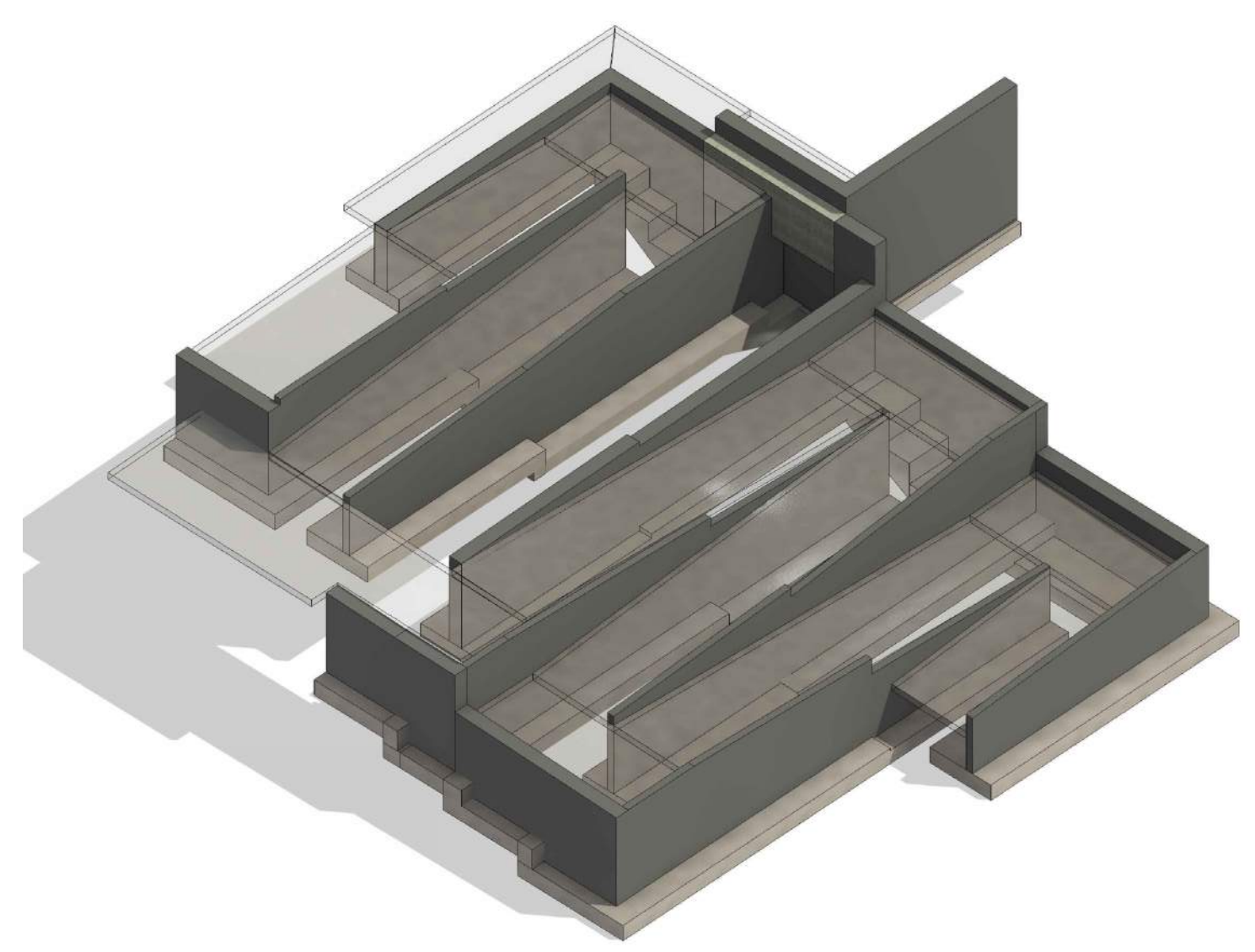
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4 SECTION S301 SCALE 1:50



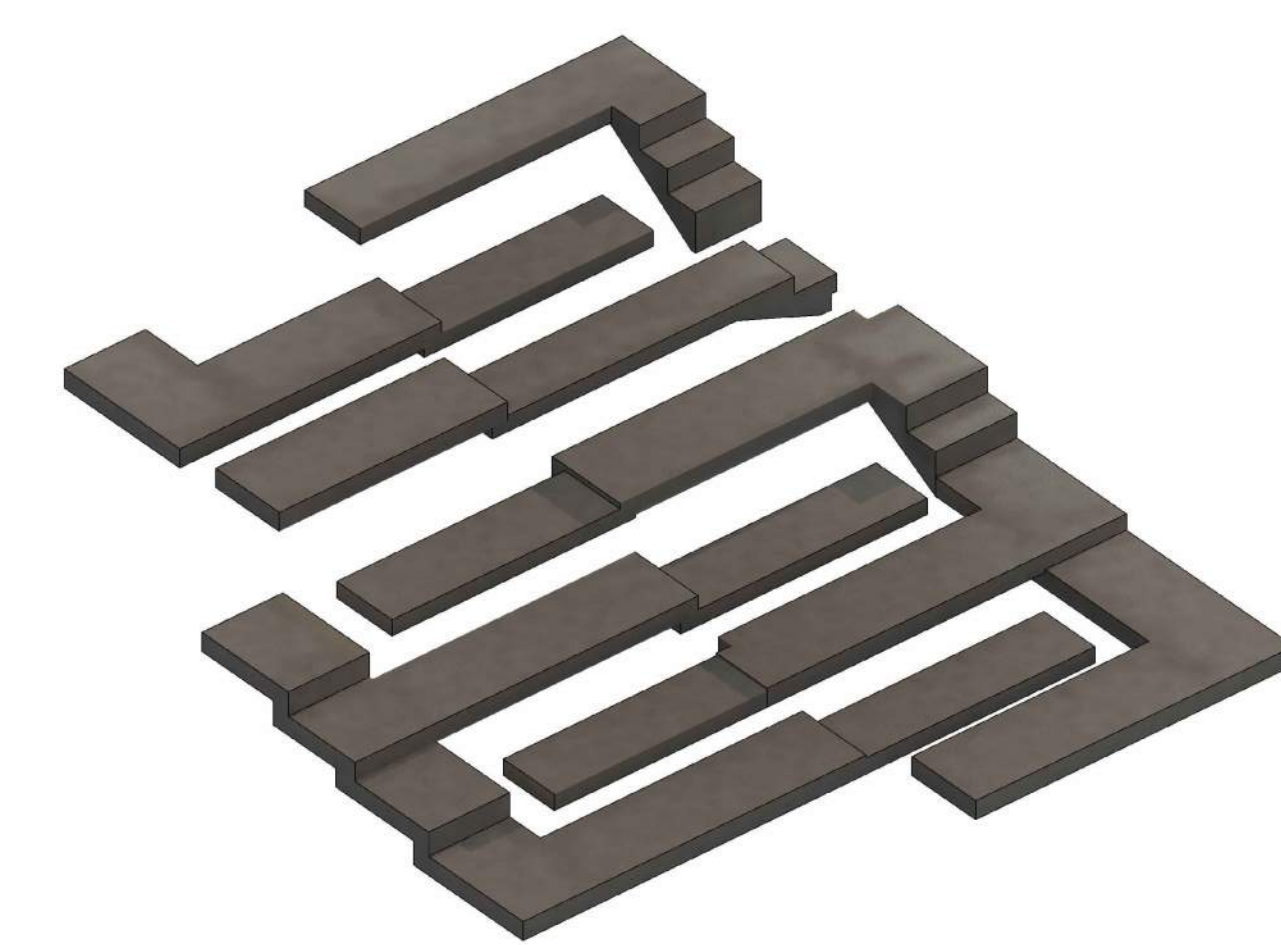
NOTE: FOR THE GUARDRAIL ONE THE WALL. SEE ARCH.

5 SECTION S301 SCALE 1:50



6 3D VIEW S301 SCALE N/A

NOTE: THE LEVEL OF DEVELOPMENT USED FOR THE 3D MODEL IS LOD 300 TO LOD350. NOT ALL STRUCTURAL ELEMENTS ARE MODELED IN 3D. ALL STRUCTURAL ELEMENTS AND DETAILS IN THE 3D MODEL ARE FOR INFORMATION ONLY. DO NOT USE THE 3D MODEL FOR TENDER OR CONSTRUCTION PURPOSES.



7 3D VIEW S301 SCALE N/A

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ISSUES		
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02	RE-ISSUED FOR TENDER	5-OCT-2023

KEY PLAN
SUBJECT LANDS

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J R WILCOX COMMUNITY SCHOOL MASTER PLAN
231 AVA RD YORK, ONTARIO

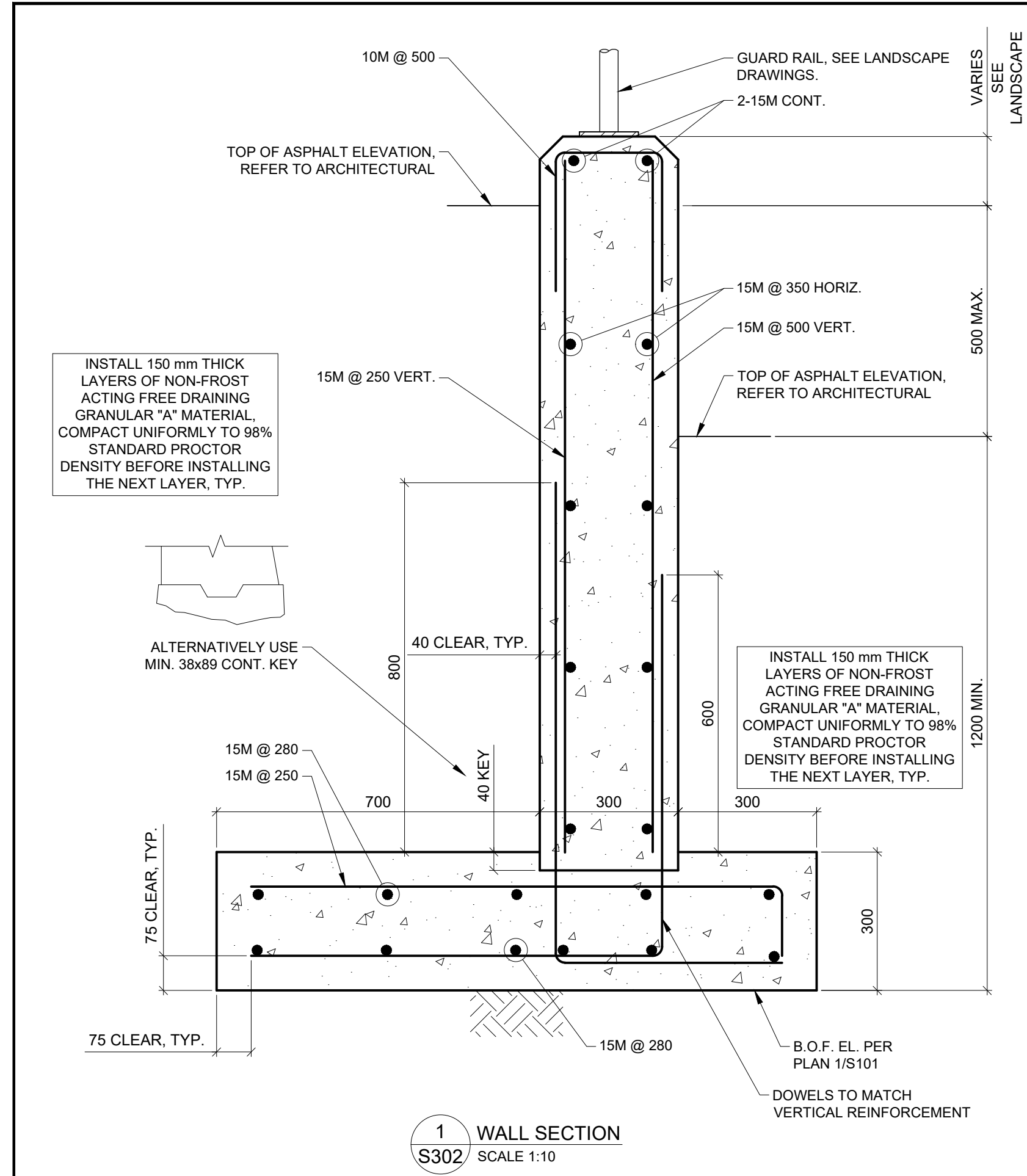
PROJECT NO:
140843

DRAWN BY: A.K.	CHECKED BY: G.M.
PROJECT MGR: G.S.	APPROVED BY: G.S.

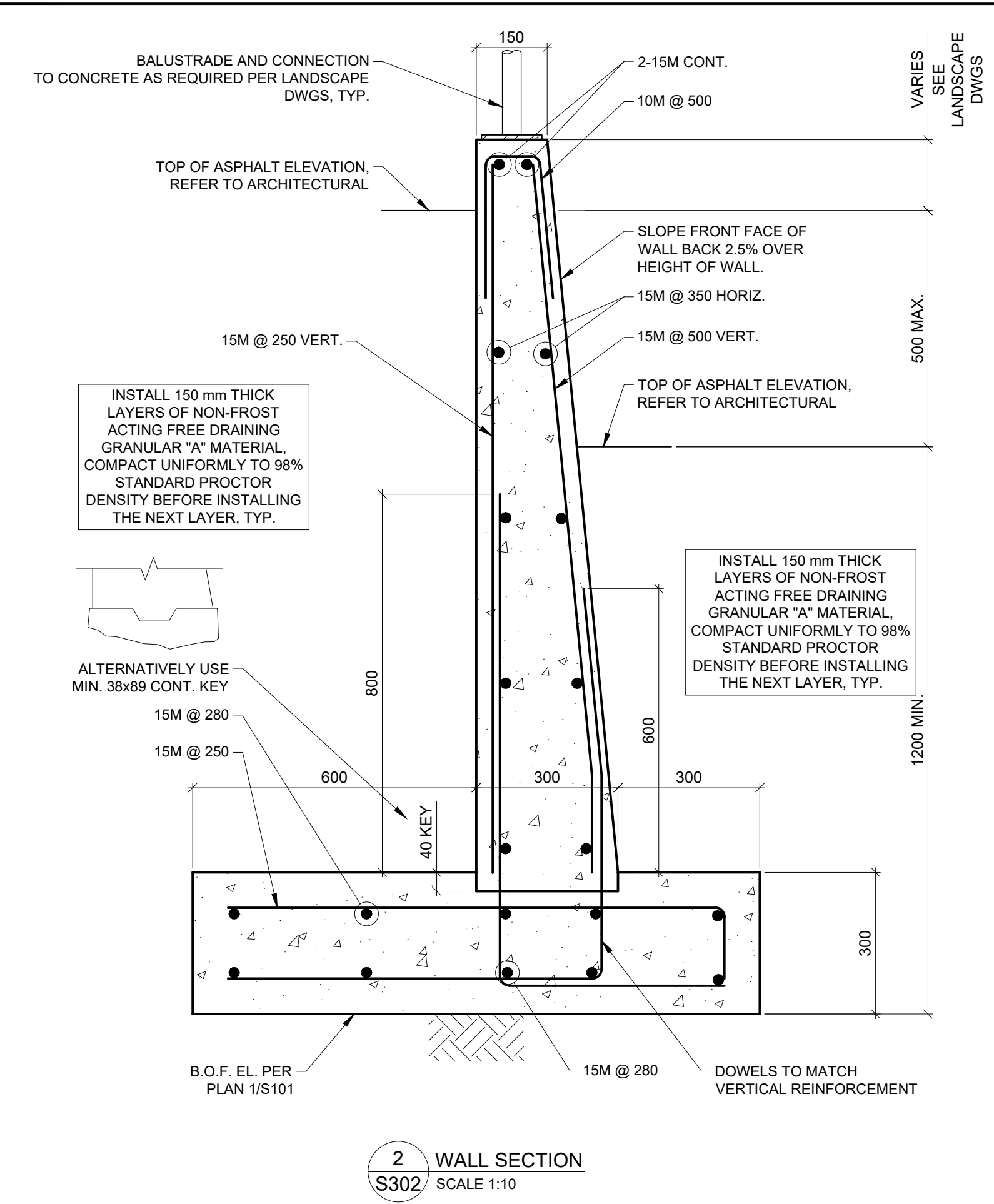
SHEET TITLE
SECTIONS AND DETAILS

SHEET NUMBER S301	ISSUE 1
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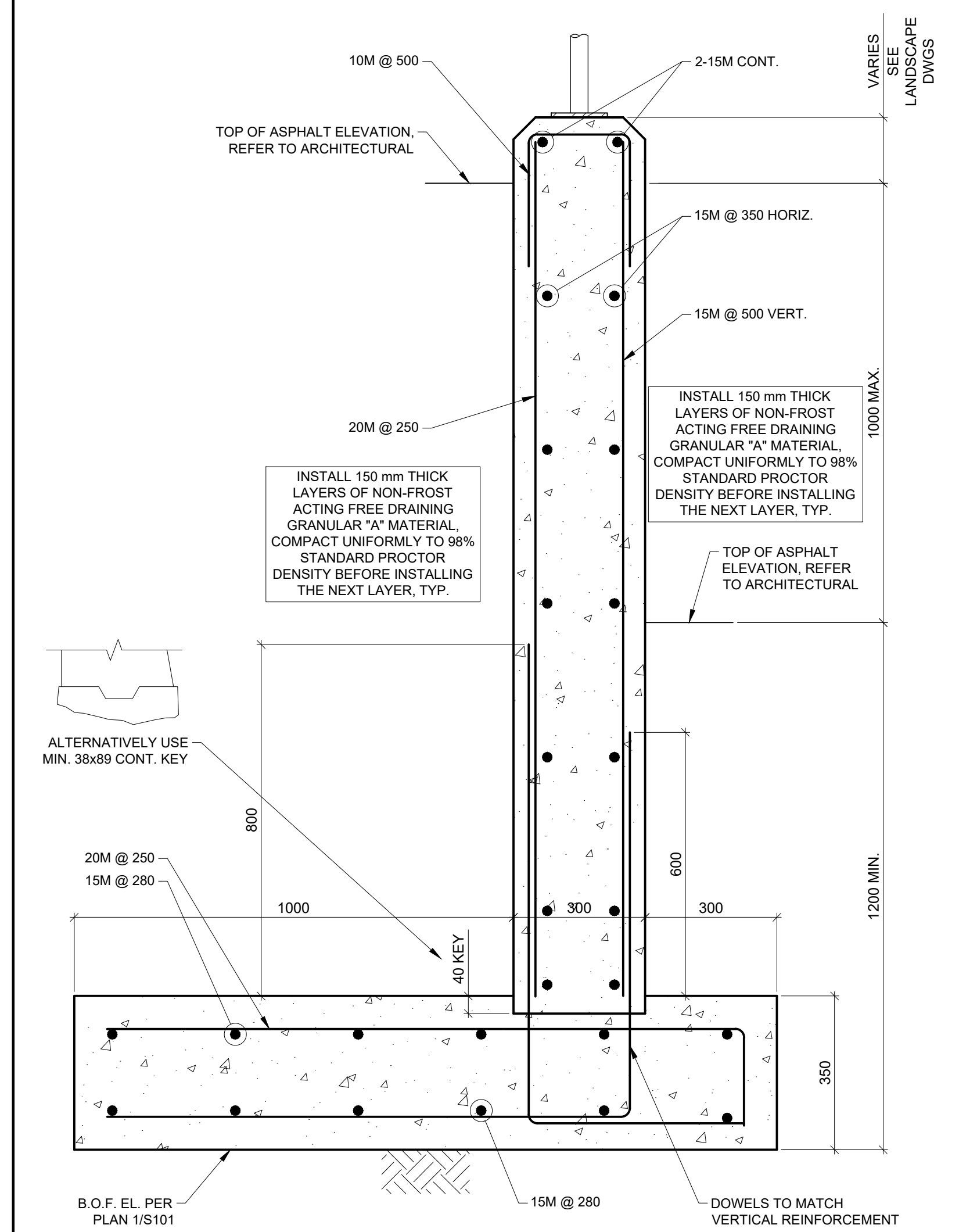
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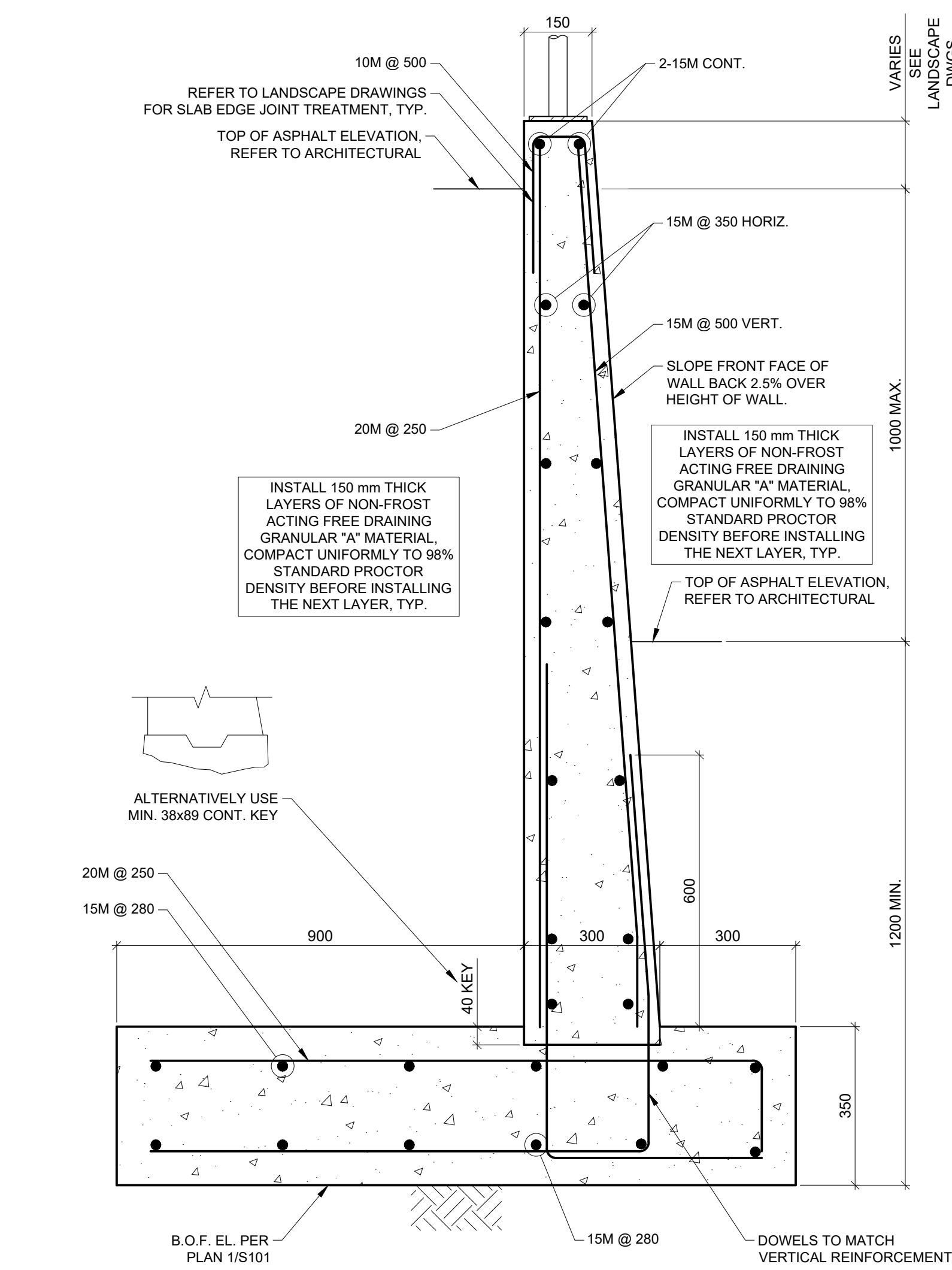
1 WALL SECTION
S302 SCALE 1:10



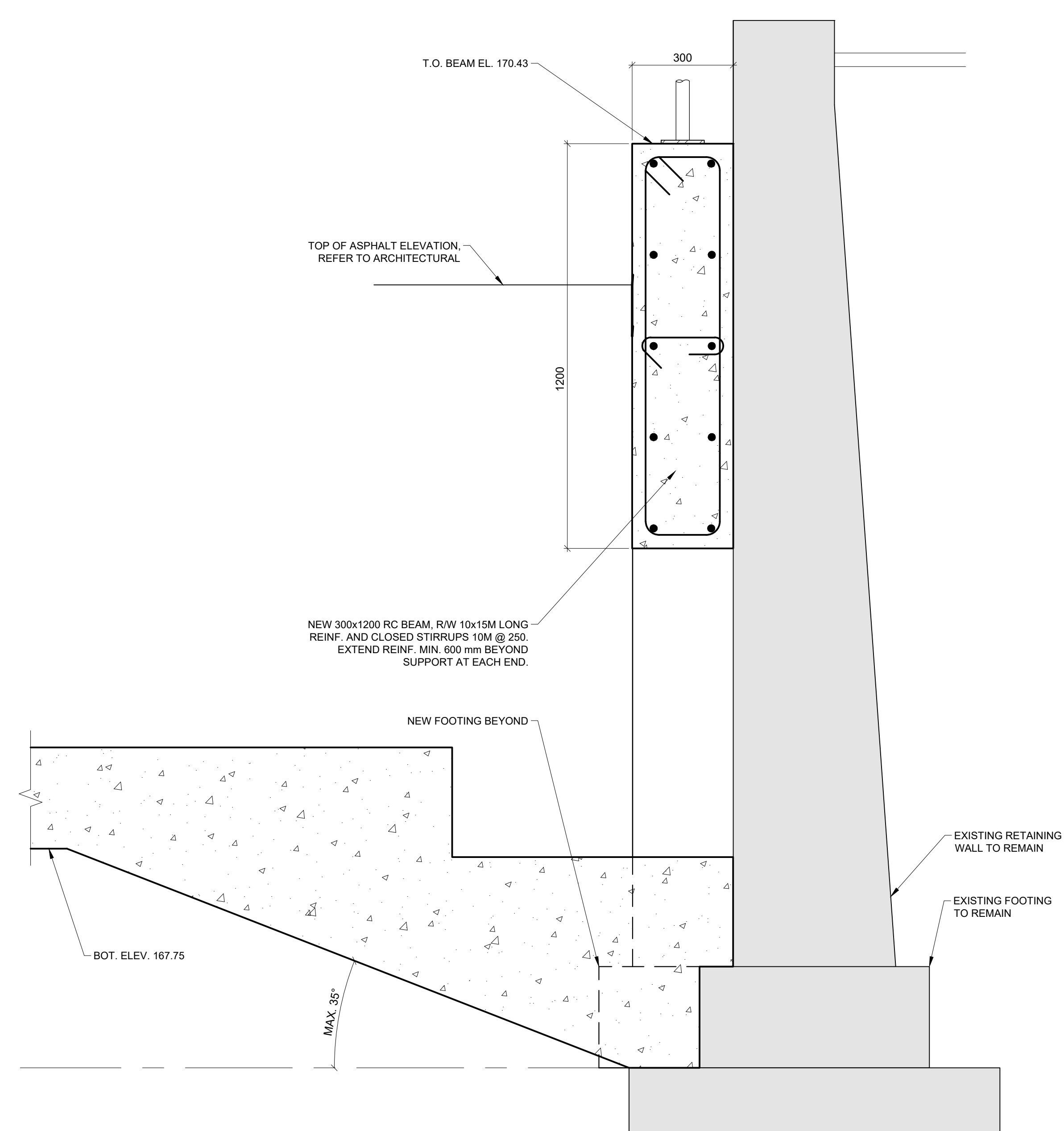
2 WALL SECTION
S302 SCALE 1:10



3 WALL SECTION
S302 SCALE 1:10



4 WALL SECTION
S302 SCALE 1:10



5 WALL SECTION
S302 SCALE 1:10

CLIENT
TORONTO DISTRICT SCHOOL BOARD
5050 YOUNG ST, NORTH YORK, ONTARIO

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ISSUES	DESCRIPTION	DATE
01	ADDENDUM #1	10-MAR-2023
02	RE-ISSUED FOR TENDER	5-OCT-2023

KEY PLAN
SUBJECT LANDS

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PROJECT
J R WILCOX COMMUNITY SCHOOL MASTER PLAN
231 AVA RD YORK, ONTARIO

PROJECT NO:
140843

DRAWN BY: A.K.	CHECKED BY: G.M.
PROJECT MGR: G.S.	APPROVED BY: G.S.

SHEET TITLE
SECTIONS AND DETAILS

SHEET NUMBER S302	ISSUE 1
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Scale: 1/16" = 1'-0"

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