GENERAL NOTES:

- ALL WORK AND EQUIPMENT MOVEMENT SHALL BE RESTRICTED TO WITHIN LIMIT OF CONSTRUCTION SHOWN IN DRAWINGS. THE TRAIL CORRIDOR BETWEEN EDGES OF CLEARING ZONE AND AREA BETWEEN CLEARING ZONE.
- CONTRACTOR TO REMOVE AND DISPOSE OF OFF-SITE AT NO ADDITIONAL COST TO THE CONTRACT ITEMS NOTED FOR REMOVAL INCLUDING BUT NOT LIMITED TO ALL ASPHALT PAVING, CONCRETE PAVING, AND SIGNAGE AS REQUIRED TO FACILITATE THE IMPLEMENTATION OF CHANGES AS PER PLANS AND DETAILS. ANY SIGNAGE OR ANY OTHER ITEMS IDENTIFIED BY THE ZOO REPRESENTATIVE TO BE SALVAGED, SHALL BE STORED AT A LOCATION ON-SITE AS IDENTIFIED BY THE ZOO REPRESENTATIVE.
- CONTRACTOR TO MAKE GOOD TO ZOO REPRESENTATIVE'S ACCEPTANCE ALL DAMAGES THAT OCCUR DURING CONSTRUCTION.
- CONTRACTOR TO REVIEW DRAWINGS AND REPORT ANY ERRORS, OMISSIONS, AND / OR DISCREPANCIES TO ZOO REPRESENTATIVE IN WRITING PRIOR TO CONSTRUCTION.
- EXTENT OF WORK SHOWN IS TO CONVEY INTENT. EXTENT OF CONSTRUCTION IS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION. IF THERE IS AMBIGUITY OR THE CONTRACTOR REQUIRES CLARIFICATION, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ZOO REPRESENTATIVE. THE CONTRACTOR MAY BE HELD RESPONSIBLE TO REMOVE ANY CHANGES MADE WITHOUT WRITTEN PERMISSION OF THE ZOO REPRESENTATIVE.
- ALL CONSTRUCTION TO BE CARRIED OUT IN ACCORDANCE WITH THE MOST CURRENT DESIGN STANDARDS, CRITERIA, AND SPECIFICATIONS FROM THE ONTARIO BUILDING CODE, THE ONTARIO PROVINCIAL STANDARD DETAIL, THE ONTARIO PROVINCIAL STANDARD SPECIFICATION AND LANDSCAPE ONTARIO.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ALL UNDERGROUND SERVICES INCLUDING LIGHT STANDARD ELECTRICAL LINES.
- QUALIFIED PERSONNEL, ACCEPTABLE TO TORONTO ZOO REPRESENTATIVE IS TO LOCATE, CONFIRM AND PROTECT CONTROL POINTS PRIOR TO STARTING SITE WORK. PRESERVE PERMANENT REFERENCE POINTS DURING CONSTRUCTION.
- ESTABLISH LINES AND LEVELS, LOCATED AND LAY OUT, BY INSTRUMENTATION.
- SUBSTITUTIONS FROM SPECIFIED PRODUCTS AND MATERIALS MUST BE APPROVED IN WRITING BY THE ZOO REPRESENTATIVE PRIOR TO THE ORDERING OF MATERIALS.
- THESE DESIGN DRAWINGS ARE PREPARED SOLELY FOR THE USE BY THE PARTY WITH WHOM THE DESIGN PROFESSIONAL HAS ENTERED INTO A CONTRACT WITH.

UNDERGROUND SERVICING AND UTILITIES, PERMITS:

- THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY LOCATES. CONTRACTOR TO VERIFY LOCATION AND PROTECT ALL SERVICES PRIOR TO ANY EXCAVATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CALL A PRIVATE LOCATING COMPANY AND PAY ALL COSTS RELATING TO ALL SERVICES NOT STAKED OUT BY GAS, HYDRO, BELL, AND CABLE.
- UTILITIES MUST BE LOCATED BY UTILITY COMPANIES BEFORE CONSTRUCTION BEGINS. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES WHICH OCCUR TO EXISTING SERVICES DURING CONSTRUCTION.
- CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB, REPORTING ALL DISCREPANCIES TO THE ZOO REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
- ALL PERMITS REQUIRED BY AUTHORITIES WITHIN JURISDICTION INCLUDING THE MUNICIPALITIES AND TRCA ARE TO BE OBTAINED BY THE CONTRACTOR.
- CONTRACTOR TO PREPARE A TRAFFIC MANAGEMENT PLAN AS REQUIRED TO OBTAIN PERMITS FROM MUNICIPALITIES.

SEDIMENTATION CONTROL:

- ALL SILTATION CONTROL (FILTREXX SILT SOXX OR APPROVED EQUAL) SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF EXCAVATION OR GRADING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SILTATION CONTROL DEVICES IN GOOD WORKING ORDER AT ALL TIMES. CONTRACTOR SHALL INSPECT SUCH DEVICES DAILY AND AFTER EACH RAINFALL EVENT.
- ALL ON-SITE STOCKPILES OF GRANULAR MATERIALS WILL BE ISOLATED, SECURED AND COVERED WITH TARPAULINS SURROUNDED BY FILTREXX SILT SOXX OR APPROVED EQUAL IN WINDY OR RAINY CONDITIONS.
- FOLLOWING THE COMPLETION OF CONSTRUCTION ALL TEMPORARY FENCING AND POSTS WILL BE REMOVED AND DISPOSED OF OFF-SITE.
- NO IN-WATER WORKS ARE PERMITTED.
- NO VEHICLES OR EQUIPMENT MAY BE REFUELLED WITHIN 30 METRES OF ANY WATERCOURSES. EQUIPMENT WILL NOT TRAVERSE THROUGH ANY WATERCOURSES.
- THE EROSION AND SEDIMENT CONTROL STRATEGIES OUTLINED ON THE PLANS ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO PREVENT SEDIMENT RELEASES TO THE NATURAL ENVIRONMENT. THE ZOO REPRESENTATIVE SHOULD BE IMMEDIATELY CONTACTED SHOULD THE EROSION AND SEDIMENT CONTROL PLANS CHANGE FROM THE APPROVED PLANS. FAILED EROSION AND SEDIMENTATION CONTROL MEASURES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHOULD BE REPAIRED IMMEDIATELY.
- IN ORDER TO RESPOND TO ANY FUEL SPILLS, A SPILL RESPONSE PLAN WILL BE IN PLACE AND PROVIDED TO ZOO PRIOR TO COMMENCEMENT OF CONSTRUCTION. A SPILL KIT MUST BE AVAILABLE AT ALL TIMES AND STAFF WILL BE TRAINED TO DEPLOY IT. ANY FUEL SPILLS SHALL BE IMMEDIATELY REPORTED TO THE ONTARIO MINISTRY OF ENVIRONMENT SPILLS REPORTING LINE (1-800-268-6060) AND ENVIRONMENT CANADA (613-239-6065).

SITE PREPARATION NOTES:

- CONTRACTOR TO WORK WITHIN GUIDELINES FOR THE MUNICIPALITY'S NOISE BY-LAWS.
- THE CONTRACTOR TO PROVIDE A WASTE MANIFEST TO ENSURE THAT CONSTRUCTION AND OTHER GENERAL WASTES WILL BE DISPOSED OF AT AN APPROVED AND APPROPRIATE LANDFILL FACILITY
- TREES TO BE REMOVED SHALL BE SAWN INTO THE WORK AREA TO AVOID DAMAGE TO SURROUNDING VEGETATION
- CUT BRANCHES GREATER THAN 100MM DIAMETER AND TRUNKS SHALL SAWN INTO LENGTHS BETWEEN 3m AND 5m AND BE SCATTERED IN THE AREA A MINIMUM 3m AND MAXIMUM 8m OUTSIDE OF PROPOSED BOARDWALK AREA AND ALLOWED TO DECOMPOSE OVER TIME. THE REMAINING CUT BRANCHES AND TRUNKS SHALL BE CHIPPED, AND CHIPPINGS SHALL BE SCATTERED AND SPREAD IN THE AREA A MINIMUM 3m AND MAXIMUM 8m OUTSIDE OF THE PROPOSED TRAILS (TREE REMOVAL AND TRIMMING SHOULD BE DONE BY A QUALIFIED ARBORIST)
- IF THE WORK SITE IS PARTIALLY OR FULLY FLOODED (25 YEAR RAIN EVENT), WORK SHOULD STOP

GRADING NOTES:

- CONTRACTOR TO ENSURE POSITIVE DRAINAGE OF ALL AREAS WITHIN THE LIMIT OF THE WORK.
- ENSURE TRANSITION OF EXISTING AND NEW GRADE ELEVATIONS IS SMOOTH.
- MINIMUM PERMITTED GRANULAR OR PAVED SURFACE SLOPE IS 2%; MAXIMUM PERMITTED IS 5%.
- MINIMUM VEGETATED GROUND SLOPE TO BE 2%, MAXIMUM PERMITTED 33%.
- NOTIFY ZOO REPRESENTATIVE IMMEDIATELY, IN WRITING, IF ANY DISCREPANCIES WITH STATED REQUIREMENTS ARE DISCOVERED.
- TRANSITIONS BETWEEN ASPHALT PATHS AND BOARDWALK ARE TO BE SMOOTH AND A MAXIMUM OF 3/8" IN HEIGHT.

LAYOUT NOTES:

- LAYOUT OF BOARDWALK, FENCELINE, AND SITTING NODES TO BE CLEARLY STAKED OR FLAGGED BY CONTRACTOR AND ACCEPTED BY THE ZOO REPRESENTATIVE.
- CONTRACTOR TO REVIEW DRAWINGS AND REPORT ANY ERRORS, OMISSIONS, OR DISCREPANCIES TO THE TORONTO ZOO REPRESENTATIVE IN WRITING.
- NOTIFY THE ZOO REPRESENTATIVE IMMEDIATELY, IN WRITING, IF ANY DISCREPANCIES WITH STATED REQUIREMENTS ARE DISCOVERED.

WORKING AROUND WILDLIFE PROTOCOL:

- TO COMPLY WITH FEDERAL SPECIES AT RISK LEGISLATION, WILD ANIMALS THAT MAY BE PRESENT ON SITE DURING PROJECT ACTIVITIES SHALL NEVER BE HARMED OR HARASSED. IF WILD ANIMALS DO NOT OR CANNOT LEAVE THE WORK AREA IN TIME TO ALLOW WORK TO PROCEED, THE TORONTO ZOO REPRESENTATIVE MUST BE CONSULTED AND PROVIDE FURTHER DIRECTION.
- IN THE EVENT THAT A NEST, DEN, OR OTHER SENSITIVE WILDLIFE FEATURE IS PRESENT IN THE AREA TO BE IMPACTED BY CONSTRUCTION, THE TORONTO ZOO REPRESENTATIVE MUST BE NOTIFIED. THE ZOO REPRESENTATIVE WILL CONSULT APPROPRIATE STAFF AND PARTNERS TO DECIDE UPON MEASURES TO PROTECT THE SPECIES.
- IN ORDER TO COMPLY WITH THE MIGRATORY BIRDS CONVENTION ACT, TREE TRIMMING AND/OR REMOVALS MUST BE COMPLETED PRIOR TO APRIL 1ST, OR AFTER AUGUST 15TH.
- THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ZOO REPRESENTATIVE IF SPECIES AT RISK ARE ENCOUNTERED WITHIN, OR IN THE IMMEDIATE VICINITY OF ANY ACTIVE CONSTRUCTION AREA OR MATERIAL STAGING AREA, AND SHALL CEASE WORK IN THE AREA UNTIL DIRECTION IS PROVIDED BY THE ZOO REPRESENTATIVE.
- MANY SPECIES AT RISK MAY BE PRESENT IN THE GENERAL VICINITY OF THE WORK AREA AND COULD BE OBSERVED ON OR NEAR THE SITE, INCLUDING, BUT NOT LIMITED TO: BUTTERNUT TREES, MONARCHS, BOBOLINKS, BARN SWALLOWS, WOOD THRUSHES, EASTERN WOOD-PEWEES, EASTERN MEADOWLARKS, BANK SWALLOWS, GRASSHOPPER SPARROWS, LITTLE BROWN MYOTIS, NORTHERN MYOTIS, TRICOLOURED BATS, BLANDING'S TURTLES, SNAPPING TURTLES, EASTERN MILKSNAKES AND YELLOW-BANDED BUMBLE BEES. ON-SITE WORKERS MUST BE MADE AWARE OF AND SUBSEQUENTLY REPORT ANY INCIDENTAL SIGHTINGS OF SPECIES AT RISK IMMEDIATELY TO ZOO REPRESENTATIVE.
- IF WILDLIFE ARE OBSERVED AT OR NEAR THE WORK SITE, ALLOW THE ANIMAL(S) THE OPPORTUNITY TO LEAVE THE WORK AREA.
- ALERT THE ZOO REPRESENTATIVE IMMEDIATELY OF ANY POTENTIAL WILDLIFE CONFLICT (E.G., AGGRESSIVE BEHAVIOUR, PERSISTENT INTRUSION), DISTRESS OR MORTALITY. IN THE CASE OF AGGRESSIVE BEHAVIOUR OR PERSISTENT INTRUSION, STOP WORK AND EVACUATE THE AREA.

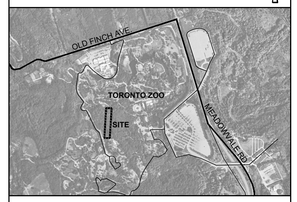
CLEAN EQUIPMENT PROTOCOL:

- BRINGING EQUIPMENT ON SITE FOR TREATMENT AND OTHER VEHICLES ACCESSING THE SITE PROVIDES OPPORTUNITIES FOR THE SPREAD OF INVASIVE SPECIES. IMPLEMENTING CLEAN EQUIPMENT PROTOCOLS WILL BE AN IMPORTANT PART OF THE MANAGEMENT PLAN AND CONTROLLING ESTABLISHED POPULATIONS.
- THOROUGH INSPECTIONS SHOULD BE DONE BEFORE AND AFTER A VEHICLE OR PIECE OF EQUIPMENT ENTERS THE SITE. INSPECT THE VEHICLE/EQUIPMENT INSIDE AND OUT FOR DIRT, PLANT MATERIAL AND SEEDS THAT MAY BE STUCK ON SURFACES.
- REMOVE ANY GUARDS, COVERS OR PLATES THAT ARE EASILY REMOVED AND PAY SPECIAL ATTENTION TO THE UNDERSIDE OF THE VEHICLE/EQUIPMENT, RADIATORS, SPARE TIRES, FOOT WELLS AND BUMPER BARS.
- IF ANYTHING IS IDENTIFIED, THE VEHICLE/EQUIPMENT WILL NEED TO BE CLEANED IN AN AREA WHERE SEED SPREAD IS NOT POSSIBLE.
- NOTE THAT THIS PROJECT IS LOCATED IN AN AREA WHERE INVASIVE PLANT SPECIES ARE PREVALENT [ESPECIALLY THE EUROPEAN COMMON REED (PHRAGMITES AUSTRALIS), DOG-STRANGLING VINE (CYNANCHUM ROSSICUM)], EUROPEAN BUCKTHORN (RHAMNUS CATHARTICA) AND JAPANESE KNOTWEED (FALLOPIA JAPONICA). TO PREVENT THE SPREAD OF INVASIVE SPECIES ALL CONSTRUCTION EQUIPMENT MUST BE CLEANED PRIOR TO ENTERING OR LEAVING THE SITE, ACCORDING TO THE ONTARIO INVASIVE PLANT COUNCIL'S CLEAN EQUIPMENT PROTOCOL FOR INDUSTRY (2016).
- TO MINIMIZE THE SPREAD OF INVASIVE PLANT SPECIES IN ZONES NOTED ON DRAWINGS, SOIL FROM ANY EXCAVATION WITHIN THIS ZONE SHALL NOT BE PLACED OUTSIDE THE ZONE (I.E. DO NOT SPREAD SEEDS, SEEDBANK, ROOTS OR STEMS). LIKEWISE, ANY BRUSH, BRANCHES, STEMS OR WOOD CHIPPINGS FROM PLANTS WITHIN THIS ZONE MUST BE DISTRIBUTED WITHIN THE ZONE.
- ANY MACHINERY USED WITHIN AREAS CONTAINING INVASIVE SPECIES MUST BE THOROUGHLY WASHED PRIOR TO TRAVELING/WORKING ELSEWHERE ON SITE TO PREVENT POTENTIAL CONTAMINATION.

TREE PRESERVATION NOTES AND GUIDELINES

- REFER AND ADHERE TO THE ARBORIST TREE REPORT FOR SPECIFIC RECOMMENDATIONS, PROTECTIVE AND MITIGATION MEASURES.

KEY MAP



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NO	DATE	REVISION/ISSUED
2	22-09-23	ISSUED FOR TENDER
1	22-09-07	INTERNAL COORDINATION

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CLIENT
TORONTO ZOO

PROJECT TITLE
CORE WOODS BOARDWALK

SITE ADDRESS
361A OLD FINCH AVENUE
TORONTO, ON, L3T 0A1

MUNICIPALITY
TORONTO, ON

DRAWING TITLE
GENERAL NOTES

STAMP

DESIGNED | DRAWN | CHECKED

SCALE N/A | DATE SEPTEMBER 2022

PROJECT NUMBER 20M-00631-00 | DWG. NUMBER L100

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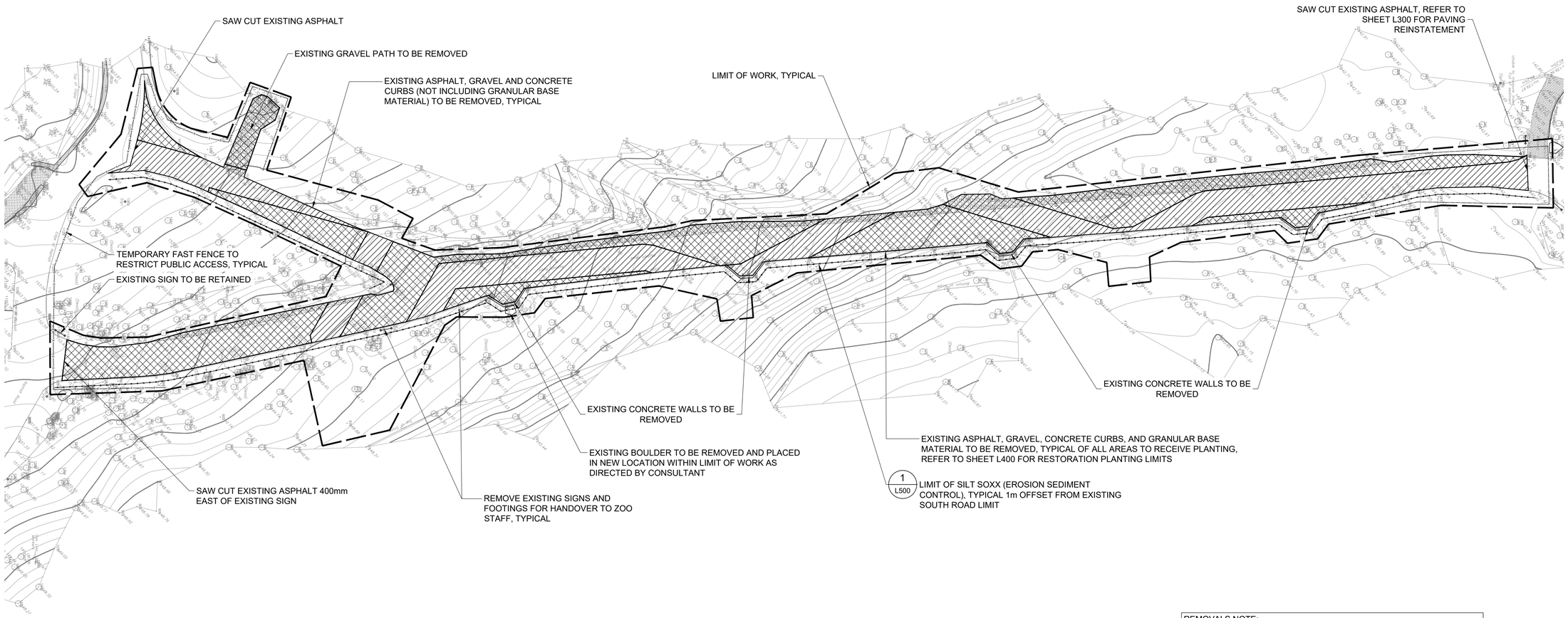
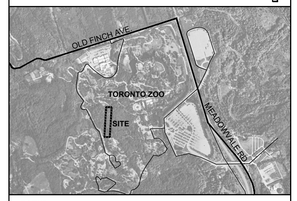


REMOVALS NOTE:

1. REMOVE ALL EXISTING ASPHALT, POURED IN PLACE AND PRECAST CONCRETE AND DISPOSE OF OFF SITE AT RECYCLING FACILITY.
2. REMOVE ALL EXISTING GRANULAR AND GRANULAR BASE MATERIAL FROM AREAS THAT ARE TO BE PLANTED. LEAVE ALL EXISTING GRANULAR BASE IN AREAS THAT ARE UNDER PROPOSED BOARDWALK AND NEW ASPHALT.

KEY MAP



LEGEND

- EXISTING ASPHALT/GRAVEL/CONCRETE AND GRANULAR BASE MATERIAL TO BE REMOVED, TYPICAL OF ALL AREAS TO RECEIVE PLANTING, REFER TO SHEET L400 FOR RESTORATION PLANTING LIMITS
- EXISTING ASPHALT/GRAVEL AND CONCRETE (NOT INCLUDING GRANULAR BASE MATERIAL) TO BE REMOVED
- LIMIT OF WORK
- TEMPORARY FAST FENCE
- SILT SOXX (EROSION SEDIMENT CONTROL)

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361A OLD FINCH AVENUE
TORONTO, ON, L3T 0A1

MUNICIPALITY
TORONTO, ON

DRAWING TITLE
REMOVALS AND DEMOLITION PLAN

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SCALE 1:300 | DATE SEPTEMBER 2022

PROJECT NUMBER 20M-00631-00 | DWG. NUMBER L200

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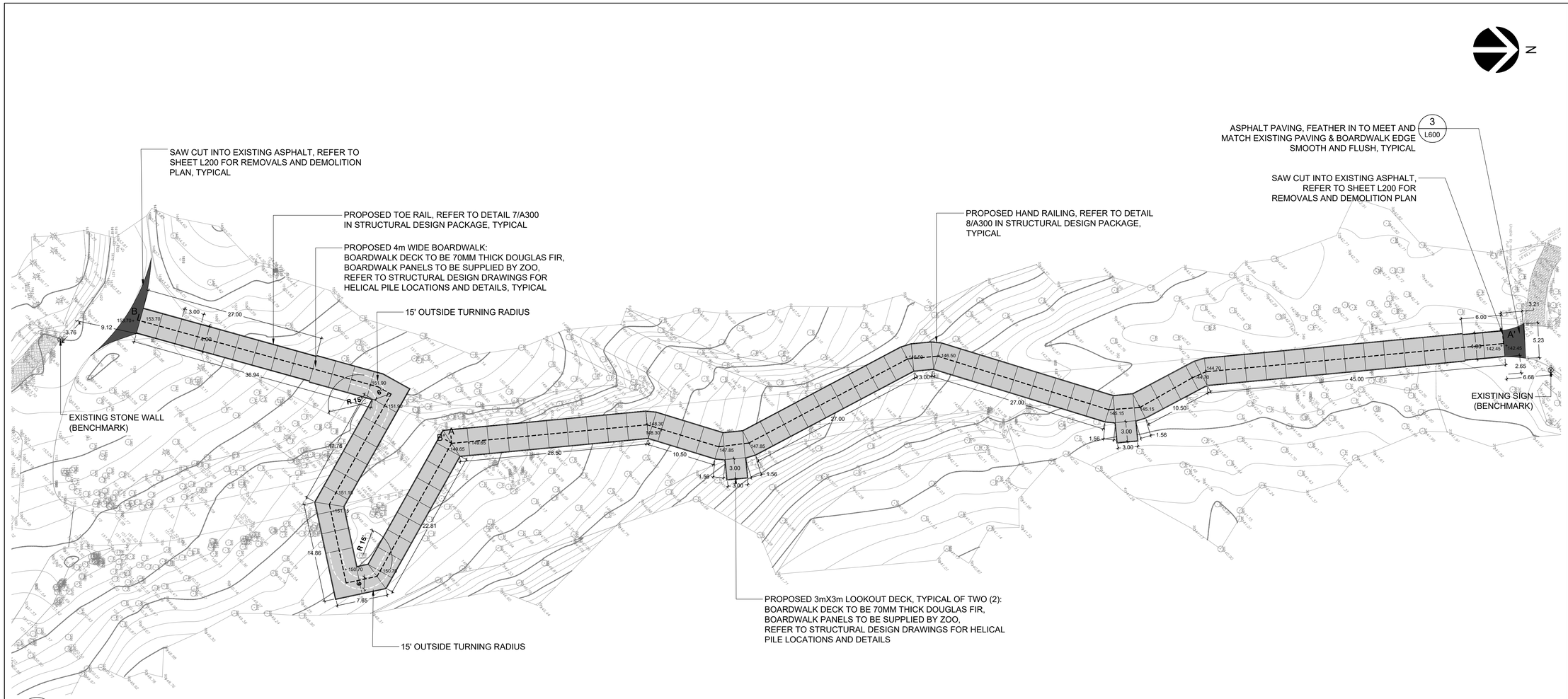

1 L300 BOARDWALK LAYOUT

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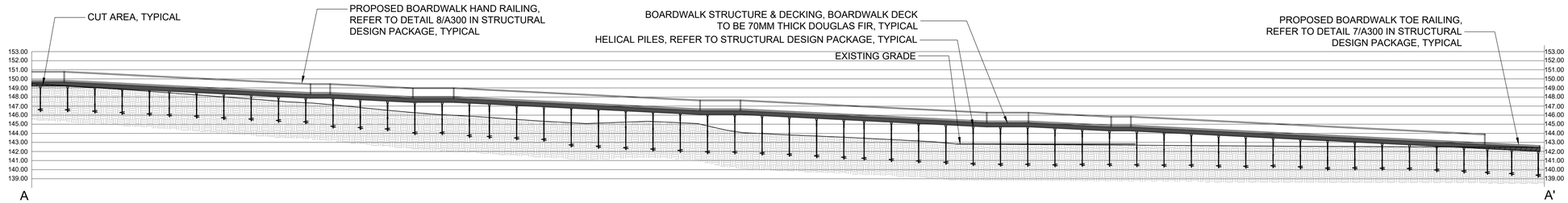
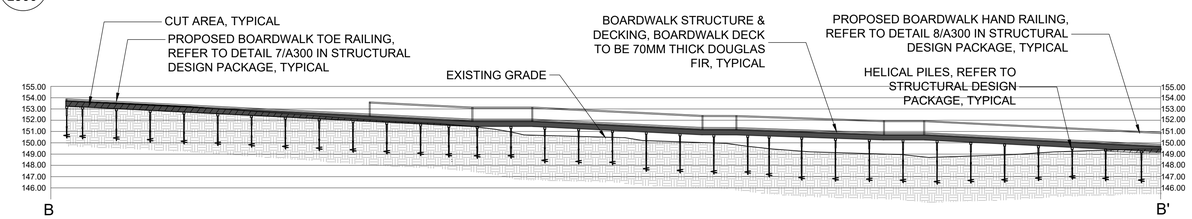


2 L300 LONGITUDINAL SECTION A-A'

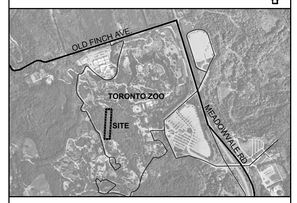
Scale: 1:250



3 L300 LONGITUDINAL SECTION B-B'

Scale: 1:250

KEY MAP



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MUNICIPALITY
TORONTO, ON

DRAWING TITLE
LANDSCAPE LAYOUT PLAN

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PROJECT NUMBER 20M-00631-00 | DWG. NUMBER L300

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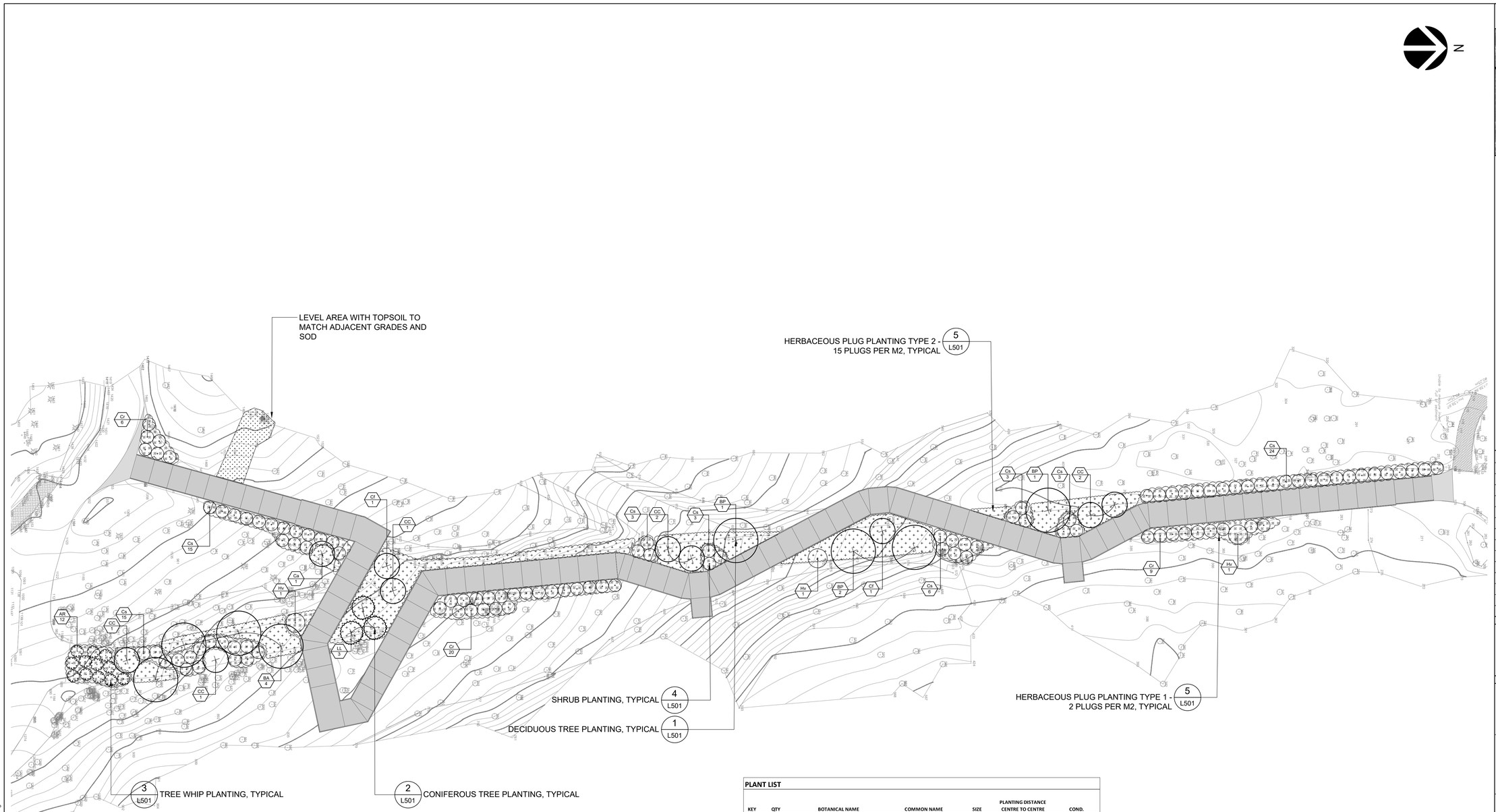

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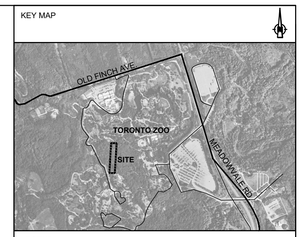

LEGEND

- DECIDUOUS TREE PLANTING
- CONIFEROUS TREE PLANTING
- TREE WHIP PLANTING
- SHRUB PLANTING
- HERBACEOUS PLUG PLANTING TYPE 1 - 2 PLUGS/M2
- HERBACEOUS PLUG PLANTING TYPE 2 - 15 PLUGS/M2
- SOD

PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	PLANTING DISTANCE CENTRE TO CENTRE	COND.
DECIDUOUS TREES						
CC	7	*Cercis canadensis*	Eastern Redbud	175cm HT.	AS SHOWN	Clump - W.B.
BA	4	*Betula alleghaniensis*	Yellow Birch	45mm DIA.	AS SHOWN	Clump - W.B.
BP	4	*Betula papyrifera*	Paper Birch	45mm DIA.	AS SHOWN	Clump - W.B.
DECIDUOUS TREE WHIPS						
AR	12	*Alnus rugosa*	Speckled Alder	50cm HT.	2m	Potted Whip
CONIFEROUS TREES						
LL	3	*Larix laricina*	American Larch	250cm HT.	AS SHOWN	W.B.
DECIDUOUS SHRUBS						
Ca	1	*Cornus alternifolia*	Pagoda Dogwood	175cm HT.	AS SHOWN	Potted
Cf	2	*Cornus florida*	White Flowering Dogwood	1 Gal.	AS SHOWN	Potted
Cr	35	*Cornus racemosa*	Gray Dogwood	1 Gal.	2m	Potted
Cs	72	*Cornus sericea*	Red Osier Dogwood	1 Gal.	2m	Potted
Hv	3	*Hamamelis virginiana*	Witchhazel	175cm HT.	5m	Multi-Stem - Potted
HERBACEOUS PLUGS				**TOTAL AREA**	**TOTAL PLUGS PER TYPE**	**OVERALL TOTAL**
			PLANTING TYPE 1 (2 PLUGS PER M2)	**541**	**1082**	**8642**
			PLANTING TYPE 2 (15 PLUGS PER M2)	**504**	**7560**	

% OF MIX	QTY	BOTANICAL NAME	COMMON NAME	COND.
5.6%	480	*Anenome canadensis*	Canada Anemone	Plug
5.6%	480	*Anenome virginiana*	Tall Anenome	Plug
5.6%	480	*Arisaema dracontium*	Green Dragon Plant	Plug
5.6%	480	*Asarum canadense*	Wild Ginger	Plug
5.6%	482	*Asclepias tuberosa*	Butterfly Milkweed	Plug
5.6%	480	*Arisaema triphyllum*	Jack-in-the-Pulpit	Plug
5.6%	480	*Carex lupulina*	Hop Sedge	Plug
5.6%	480	*Carex stricta*	Tussock Sedge	Plug
5.6%	480	*Carex vulpinaidea*	Fox Sedge	Plug
5.6%	480	*Caulophyllum giganteum*	Giant Blue Cohosh	Plug
5.6%	480	*Erythronium americanum*	Trout Lily	Plug
5.6%	480	*Impatiens capensis*	Spotted Jewelweed	Plug
5.6%	480	*Podophyllum peltatum*	Mayapple	Plug
5.6%	480	*Sanguinaria canadensis*	Bloodroot	Plug
5.6%	480	*Symphyotrichum ericoides*	White Heath Aster	Plug
5.6%	480	*Symphyotrichum laeva*	Smooth Aster	Plug
5.6%	480	*Thalictrum dioicum*	Early Meadow-Rue	Plug
5.6%	480	*Thalictrum pubescens*	Tall Meadow-Rue	Plug

Note: Plugs to be planted in a random mix

PLANTING NOTE:

1. PLUGS TO BE PLANTED IN RANDOM MIX.

SOILS NOTE:

1. SUPPLY AND INSTALL PLANTING SOIL TO ALL AREAS INDICATED FOR SHRUB, TREE AND HERBACEOUS PLUG PLANTING.
2. FINE GRADE THE PLANTING SOIL TO MATCH ADJACENT GRADES WITH UNIFORM GRACE BETWEEN EDGES.
3. PLANTING SOIL TO BE A MIX OF:
   - 1 PART CONCRETE SAND
   - 1 PART COMPOSTED PINE BARK
   - 3 PARTS SHREDDED TOP SOIL FREE OF WEEDS

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TORONTO, ON, L3T 0A1

MUNICIPALITY
TORONTO, ON

DRAWING TITLE
RESTORATION PLAN

STAMP

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DESIGNED | DRAWN | CHECKED

SCALE 1:300 | DATE SEPTEMBER 2022

PROJECT NUMBER 20M-00631-00 | DWG. NUMBER L400

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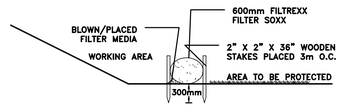

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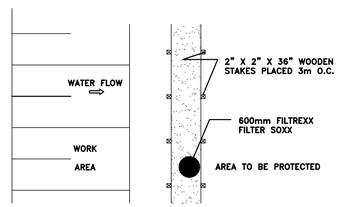
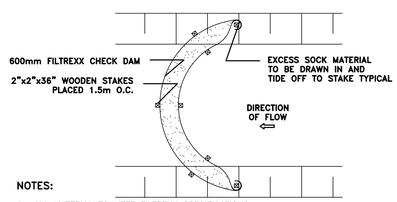


PLAN

NOTES:

1. ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS.
2. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

FILTREXX SEDIMENT CONTROL



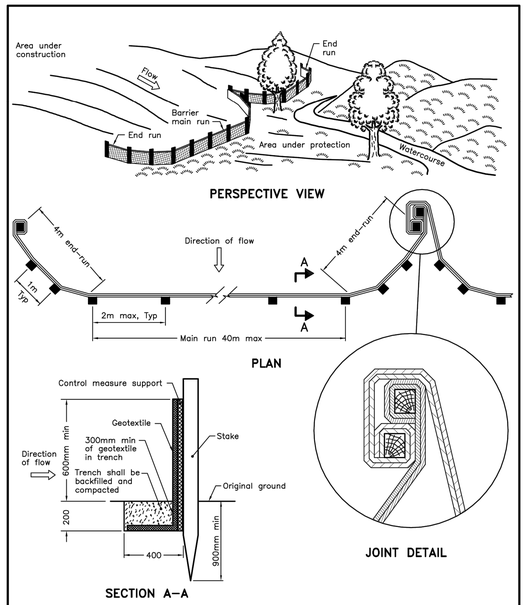
NOTES:

1. ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS.
2. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM.
3. FILTREXX CERTIFIED INSTALLER IS REQUIRED TO INSTALL THE FILTREXX CHECK DAM.

FILTREXX CHECK DAM

1 L-500 FILTREXX SOXX - SEDIMENT CONTROL

NTS

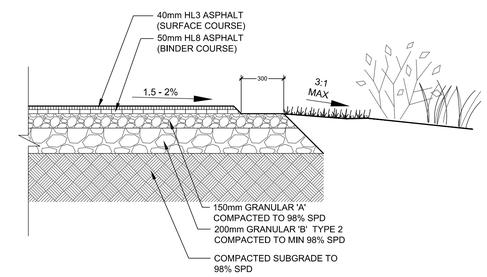


NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2015	Rev	2
HEAVY–DUTY SILT FENCE BARRIER	OPSD 219.130		

2 L-500 HEAVY DUTY SEDIMENT CONTROL FENCE

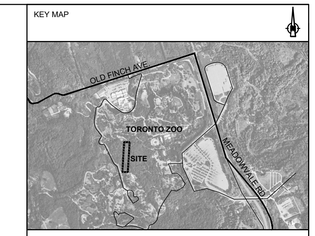
NTS



3 L-500 ASPHALT PAVING

NTS

KEY MAP



NOT FOR CONSTRUCTION

NO	DATE	REVISION/ISSUED
2	22-09-23	ISSUED FOR TENDER
1	22-09-07	INTERNAL COORDINATION

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DESIGNED | DRAWN | CHECKED

SCALE 1:300 | DATE SEPTEMBER 2022

PROJECT NUMBER 20M-00631-00 | DWG. NUMBER L500

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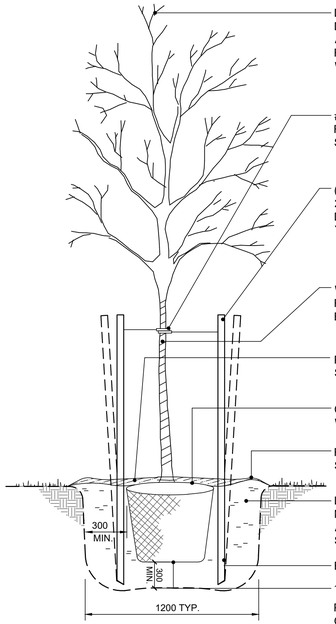


DO NOT PRUNE LEADERS. REMOVE ONLY DEAD, DAMAGED OR INTERFERING BRANCHES. APPLY ANTI-DESSICANT PRIOR TO DELIVERY. CONTRACTOR TO REMOVE ALL TAGS AND LABELS PRIOR TO END OF WARRANTY PERIOD.

#12 GAUGE GALVANIZED WIRE ENCASED IN 12mmØ REINFORCED RUBBER HOSE AND SECURED TIGHTLY TO STAKE. CONTRACTOR TO REMOVE IN ONE YEAR.

(2) SOFTWOOD STAKES FOR PLANTINGS 38 x 38 x 2440mm (1 1/2" x 1 1/2" x 8') SET STAKE AT ANGLE AND DRAW VERTICAL. CONTRACTOR TO REMOVE IN ONE YEAR. DO NOT STAKE THROUGH ROOTBALL.

WRAP ALL DECIDUOUS TREES WITH APPROVED WRAP FROM TOP OF BALL TO 100mm MAX. BELOW FIRST BRANCH. CONTRACTOR TO REMOVE IN ONE YEAR.

PROTECT ROOTBALL SURFACE WITH 75mm COVER OF SHREDDED BARK MULCH TO DRIP LINE.

CUT & REMOVE ROPE AND 1/3 TOP OF BURLAP AND WIRE BASKET (NYLON ROPE IS NOT PERMITTED).

FORM 100mm TOPSOIL SAUCER AND COVER WITH 75mm SHREDDED COMPOSTED PINE BARK MULCH (CPM).

LIGHTLY COMPACTED IMPORTED LOAM TOPSOIL PLANTING MIX IN A FRIABLE CONDITION FREE OF LUMPS OR STONES AND ENRICHED WITH 0.5kg OF BONEMEAL, OR PER SPECIFICATIONS.

EXTEND STAKE 600mm (2') INTO FIRM GROUND.

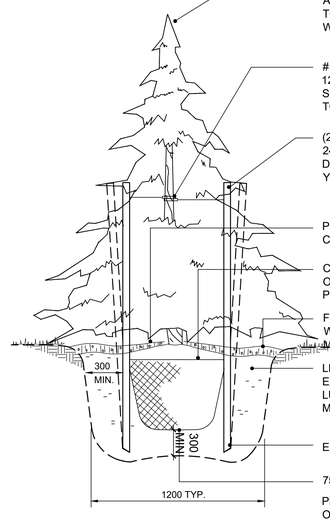
100mm (4") SCARIFIED SOIL MOUND

PLANT TREE NO HIGHER THAN 50mm (2") ABOVE ORIGINAL GROUND GRADE TO ALLOW FOR SETTLEMENT.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SHOWN OTHERWISE.

1 L-501 DECIDUOUS TREE PLANTING

NTS



*WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN THE TREES IN A HEALTHY CONDITION.

DO NOT PRUNE LEADERS. REMOVE ONLY DEAD, DAMAGED OR INTERFERING BRANCHES. APPLY ANTI-DESSICANT PRIOR TO DELIVERY. CONTRACTOR TO REMOVE ALL TAGS AND LABELS PRIOR TO END OF WARRANTY PERIOD.

#12 GAUGE GALVANIZED WIRE ENCASED IN 12mmØ REINFORCED RUBBER HOSE AND SECURED TIGHTLY TO STAKE. CONTRACTOR TO REMOVE IN ONE YEAR.

(2) SOFTWOOD STAKES FOR PLANTINGS 38 x 38 x 2440mm (1 1/2" x 1 1/2" x 8') SET STAKE AT ANGLE AND DRAW VERTICAL. CONTRACTOR TO REMOVE IN ONE YEAR. DO NOT STAKE THROUGH ROOTBALL.

PROTECT ROOTBALL SURFACE WITH 75mm COVER OF SHREDDED BARK MULCH.

CUT & REMOVE 1/3 TOP OF BURLAP AND ROPE OR WIRE BASKET. (NYLON ROPE IS NOT PERMITTED).

FORM 100mm TOPSOIL SAUCER AND COVER WITH 75mm SHREDDED COMPOSTED PINE BARK MULCH (CPM).

LIGHTLY COMPACTED SOIL MIXTURE TO CONSIST OF EXISTING NATIVE SOIL IN A FRIABLE CONDITION FREE OF LUMPS OR STONES AND ENRICHED WITH 0.2m OF PEAT MOSS, 0.5kg OF BONEMEAL.

EXTEND STAKE 600mm (2') INTO FIRM GROUND.

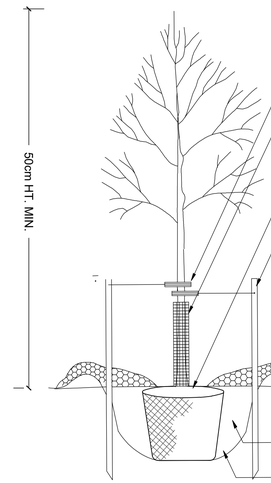
75mm (3") SCARIFIED SOIL MOUND

PLANT TREE NO HIGHER THAN 50mm (2") ABOVE ORIGINAL GROUND GRADE TO ALLOW FOR SETTLEMENT.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SHOWN OTHERWISE.

2 L-501 CONIFEROUS TREE PLANTING

NTS



BIO-DEGRADABLE FABRIC STRAPS

TREE GUARD - SPIRAL PERFORATED TREE WRAP MIN. 600mm HT.

REMOVE FROM POT OR CONTAINER AND ENSURE ROOT CROWN IS SITUATED AT/OR SLIGHTLY ABOVE GRADE AND AT THE SAME DEPTH IT STOOD IN NURSERY

50mm BY 50mm BY 2m HT. WOODEN STAKES

WATER-HOLDING SOIL BASIN AROUND THE TREE

SHREDDED COMPOSTED PINE BARK MULCH (CPM), 50-75mm DEEP (500mm DIA.) NOT TOUCHING THE TRUNK

ORIGINAL GROUND

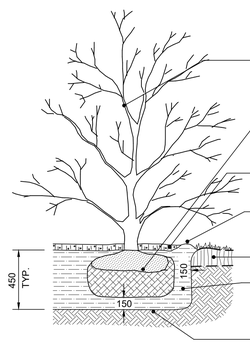
BACKFILL WITH LOOSENED EXCAVATED SOIL

SAUCER-SHAPED PLANTING HOLE TWICE AS WIDE AND ONLY AS DEEP AS THE ROOT SYSTEM, TO ALLOW FOR PLACEMENT OF ROOTS IN NATURAL POSITION. SIDES SHALL BE LOOSENED SOIL AND NOT GLAZED.

- BARE ROOT TREES SHOULD BE PLANTED IN SPRING, PRIOR TO MAY 10TH.
- TREES SHALL BE WATERED THOROUGHLY AT TIME OF PLANTING, BEFORE MULCHING.

3 L-501 TREE WHIP PLANTING

NTS



PRUNE IN SUCH A MANNER AS TO PRESERVE THE NATURAL CHARACTER OF THE PLANT.

REMOVE FROM POT OR CONTAINER, OR CUT AND REMOVE BURLAP FROM TOP 1/3 OF ROOT BALL.

75mm DEPTH OF SHREDDED COMPOSTED PINE BARK MULCH (CPM) TO DRIP LINE.

CONSTRUCT TOPSOIL SAUCER 100mm HIGH AROUND SHRUB BASE OR SHRUB BED.

EXISTING TOPSOIL

PLANTING SOIL MIX AS SPECIFIED BACKFILL SOIL TO BE COMPACTED TO PREVENT AIR POCKETS AND SETTLEMENT

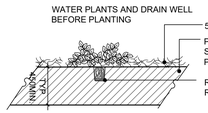
SCARIFY SURFACE OF SUBSOIL PRIOR TO PLANTING.

NOTES :

1. SET SHRUBS 50mm HIGHER THAN SURROUNDING GRADE TO ALLOW FOR SETTLEMENT.
2. WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN TREES IN A HEALTHY CONDITION.
3. ALL TAGS AND LABELS TO REMAIN UNTIL INSPECTION IS COMPLETED.
4. CONTRACTOR TO REMOVE ALL TAGS, LABELS AND STAKES AT THE END OF ONE YEAR.
5. SHRUBS PLANTED IN GROUPS SHALL BE SET IN CONTINUOUS BEDS.
6. ALL MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.

4 L-501 SHRUB PLANTING

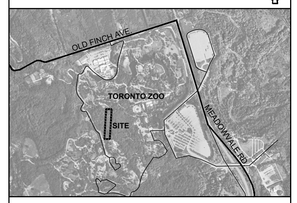
NTS



5 L-501 HERBACEOUS PLUG PLANTING

NTS

KEY MAP



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