

CONSTRUCTION (GENERAL)

- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH CURRENT ONTARIO BUILDING CODE, CITY OF MISSISSAUGA STANDARDS, REGION OF PEEL STANDARDS, OPSP & OPSS, WHERE CONFLICT OCCURS, CITY OF MISSISSAUGA STANDARDS TO GOVERN FOR STORMWATER, ROADWORKS & INTERNAL GRADING, REGION OF PEEL STANDARDS TO GOVERN FOR SANITARY & WATERMAIN INSTALLATION.
- ALL TOPSOIL & EARTH EXCAVATION TO BE REMOVED TO AN APPROVED SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED LAYOUT OF THE WORK.
- ALL PROPERTY BARS TO BE PRESERVED AND REPLACED BY O.L.S. AT CONTRACTOR'S EXPENSE IF REMOVED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAKE HIS OWN ARRANGEMENTS FOR THE SUPPLY OF TEMPORARY WATER & POWER.
- IF REQUIRED, DEWATERING TO BE CARRIED OUT IN ACCORDANCE WITH OPSS-517 & 518 TO MAINTAIN ALL TRENCHES IN A DRY CONDITION. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING M.E.C.P. PERMIT IF REQUIRED.
- ALL ENGINE DRIVEN PUMPS TO BE ADEQUATELY SILENCED, SUITABLE FOR OPERATION IN A RESIDENTIAL DISTRICT.
- THE UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY & CONTRACTOR TO CONFIRM LOCATIONS IN ADVANCE OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE TO NOTIFY ALL UTILITY COMPANIES PRIOR TO COMMENCING WORK & CO-ORDINATE CONSTRUCTION ACCORDINGLY.
- THE LOCATION AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION AND/OR REPAIR OF EXISTING UTILITIES DISTURBED DURING CONSTRUCTION.
- ALL AREAS BEYOND THE SITE PLAN WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AT THE EXPENSE OF THE CONTRACTOR.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
- ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ROAD AND BOULEVARD RESTORATION AS PER CITY OF MISSISSAUGA ROAD CUT PERMIT.
- THE GEOTECHNICAL SUITABILITY OF ALL THE FILL MATERIAL WILL BE ASSESSED BY THE GEOTECHNICAL ENGINEER.
- GEOTECHNICAL ENGINEER TO CONFIRM SUITABILITY OF ROAD MATERIAL DEPTHS BASED ON SUB-BASE MATERIAL.
- CONTRACTOR SHALL FLUSH AND VIDEO STORM SEWERS UPON INSTALLATION AND PROVIDE VIDEO TO ENGINEER.
- CONTRACTOR SHALL PROVIDE A DIGITAL AS-BUILT SURVEY OF ALL UNDERGROUND AND ABOVEGROUND WORKS TO THE SATISFACTION OF THE ENGINEER. THIS INCLUDES A FULL TOPOGRAPHIC SURVEY OF THE AS-BUILT GRADES.

WATERMAINS

- THESE NOTES ARE TO BE READ IN CONJUNCTION WITH REGION OF PEEL STANDARDS. IF ANY DISCREPANCIES ARISE, THE REGION OF PEEL STANDARDS WILL GOVERN.
- BEDDING & EMBEDMENT TO REGION OF PEEL STANDARD – 1-5-1. WATERMAIN SUPPORT BRIDGING DISTURBED GROUND TO REGION OF PEEL STANDARD – 1-5-2.
- TRENCH BACKFILL TO BE SELECT NATIVE MATERIAL AS APPROVED BY ENGINEER OR IMPORTED GRANULAR MATERIAL.
- SERVICE CONNECTIONS TO REGION OF PEEL STD. 1-8-3. FIRE LINE AND DOMESTIC CONNECTION TO REGION OF PEEL STD. 1-8-3.
- BEDDING & EMBEDMENT MATERIAL TO BE COMPACTED TO A DRY DENSITY OF AT LEAST 95% OF THE MATERIAL'S SPMD.
- MINIMUM COVER ON WATERMAIN AND SERVICES TO BE 1.7m BELOW FINISHED GRADE.
- CLEARANCE BETWEEN WATERMAIN AND SEWERS TO BE A MINIMUM OF 0.5m VERTICAL WHERE WATER MAIN IS ABOVE SEWER OR 2.5m MINIMUM HORIZONTAL SEPARATION.
- SERVICES TO BE DIRECT TAP.
- FOLLOWING TESTING, CONTRACTOR SHALL OPERATE EACH WATER SERVICE TO VERIFY FULL FLOW AND PRESSURE AT THE CURB STOP TO THE SATISFACTION OF THE ENGINEER.
- VALVE & BOX – MUELLER A769 WITH GUIDE PLATE; CLOW-BIBBY VB 1100/RB645.
- MECHANICAL JOINT FITTINGS – ANSI A21.53 (A.W.W.A C153) SPECIFICATIONS; HYPROTEC FITTING SHALL BE USED WITH HYPROTEC PIPE INSTALLATION.
- ALL PVC WATERMANS SHALL BE EQUAL TO AWWA C-900 CLASS 150, DR 18.
- ALL PVC WATERMANS SHALL BE INSTALLED WITH A 12 GAUGE STRANDED COPPER TWO TRACER WIRE IN ACCORDANCE WITH REGION OF PEEL STANDARDS.
- VALVE IN BOXES SHALL BE INSTALLED AS PER REGION OF PEEL STD. 1-3-8.
- MAINLINE VALVES TO BE RESTRAINED AS PER REGION OF PEEL STD. 1-3-3A.
- CATHODIC PROTECTION IS REQUIRED ON ALL METALLIC FITTINGS AS PER REGION OF PEEL STANDARDS.
- THE OPERATION OF EXISTING WATERMAIN VALVES SHALL BE CONDUCTED AS REQUIRED BY THE REGION OF PEEL.
- THE NEW WATERMAIN TO BE TAPPED FOR WATER SERVICES MUST BE ISOLATED FROM THE EXISTING WATERMAIN TO MAINTAIN PRESSURE IN THE NEW MAIN DURING INSTALLATION OF SERVICES. A 25mm BY-PASS WITH AN APPROVED DIFFERENTIAL BACKFLOW PREVENTORS IS TO BE INSTALLED AROUND THE CLOSED VALVE.
- FIRE HYDRANTS SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD C-502, SHALL BE LISTED WITH ULC AND FM, AND BE PROVIDED WITH THE FOLLOWING:
 - 2 (ONLY) 63.5mm HOSE NOZZLES WITH CSA STANDARD THREAD, STPI, 73.4mm OD, MUELLER CODE 12B;
 - 1 (ONLY) 100mm STORZ PUMPER CONNECTION AS PER ULC S-520.
- HYDRANTS OPEN COUNTER CLOCKWISE (OPEN LEFT), 31.75mm NUTS.
- FIRE HYDRANTS SHALL BE LOCATED AND PLACED IN ACCORDANCE WITH THE NATIONAL BUILDING CODE AND SCHEDULE 'A' OF THE CITY OF MISSISSAUGA BY-LAW 1036-81. HYDRANTS THAT MAY BE SUBJECT TO VEHICLE DAMAGE SHALL BE PROTECTED WITH 100mm DIAMETER, CONCRETE FILLED, STEEL PIPE BOLLARDS.
- UPON COMPLETION OF THE HYDRANT FLOW TESTING, COPIES OF THE FLOW TEST RESULTS ARE TO BE DISTRIBUTED TO THE FOLLOWING VIA E-MAIL OR HARDCOPY:
 - ENGINEER
 - BUILDING INSPECTOR

DRIVEWAY & PARKING

- GRANULAR 'A' & 'B' BASE TO BE COMPACTED TO 98% OF THE MATERIAL'S RESPECTIVE SPMD OR AS APPROVED BY GEOTECHNICAL ENGINEER.
- THE TOP 1.0m OF THE SUB-BASE SHALL BE COMPACTED TO A MINIMUM OF 98% OF STANDARD PROCTOR DENSITY WITHIN 2% OF OPTIMUM MOISTURE CONTENT.
- SUBGRADE TO BE PROOF ROLLED & CERTIFIED PRIOR TO PLACING GRANULAR MATERIAL.
- DRIVEWAYS TO BE CONSTRUCTED WITH MINIMUM 150mm GRANULAR A BASE, 50mm H.L.8 BINDER COURSE, ASPHALT & 25mm H.L.3.F SURFACE COURSE ASPHALT.
- ALL GRANULAR AND ASPHALT MATERIAL PLACEMENT TO BE IN ACCORDANCE WITH OPSS 314 & OPSS 310.
- ALL GRANULAR CONNECTIONS TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF MISSISSAUGA STANDARD 2220.050.
- ALL CONCRETE SIDEWALKS TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF MISSISSAUGA STANDARD 2240.010.
- ALL PEDESTRIAN SIDEWALK ENTRANCES AT INTERSECTIONS TO BE CONSTRUCTED IN ACCORDANCE WITH OPSP 350.010.

SANITARY SERVICES

- SANITARY SEWER BEDDING SHALL BE CLASS 'B' BEDDING AS PER REGION OF PEEL STD. 2-3-1, UNLESS OTHERWISE NOTED.
- TRENCH BACKFILL TO SELECT NATIVE MATERIAL AS APPROVED BY ENGINEER OR IMPORTED GRANULAR MATERIAL.
- BEDDING & EMBEDMENT MATERIAL TO BE COMPACTED TO A DRY DENSITY OF AT LEAST 95% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMD).
- CLEAR STONE WRAPPED WITH FILTER FABRIC CAN BE SUBSTITUTED FOR EMBEDMENT MATERIAL IF APPROVED BY THE GEOTECHNICAL ENGINEER.
- SANITARY SEWER, UNLESS OTHERWISE NOTED, SHALL BE PVC SDR 35 WITH MINIMUM PIPE STIFFNESS OF 320kPa – MANUFACTURED TO U.S.S. STANDARD B162.2 (A.S.T.M. SPECIFICATION D 3034) WITH RUBBER GASKETTED BELL AND SPIGOT JOINTS.
- ALL SEWERS CONSTRUCTED WITH GRADES 0.5% OR LESS, SHALL BE INSTALLED USING A LASER AND CHECKED PRIOR TO BACKFILL AT THE CONTRACTORS EXPENSE. NO ENCROACHMENT WILL BE ALLOWED ONTO PRIVATE LANDS.
- SANITARY SEWERS TO BE VIDEO INSPECTED AFTER INSTALLATION COMPLETION, PRIOR TO ASPHALT PLACEMENT AND AFTER LANDSCAPE COMPLETION. FLUSHING OF SEWER WILL BE REQUIRED IF DEBRIS IS FOUND IN THE PIPES, TO THE SATISFACTION OF THE ENGINEER.
- (MINIMUM OF 3 SEPARATE VIDEO INSPECTIONS)

CONSTRUCTION NOTES

- NO GRADING, STRUCTURES, RETAINING WALLS, CONSTRUCTION OR SITE/CONSTRUCTION ACCESS ARE PERMITTED ON OR FROM THE MUNICIPAL PARKLAND.
- THE PLACEMENT OF UNAPPROVED MATERIALS OR STRUCTURES WITHIN MUNICIPAL GREENBELT/WOODLAND BLOCKS IS NOT PERMITTED BY COMMUNITY SERVICES AT ANY STAGE OF DEVELOPMENT. THIS INCLUDES, BUT IS NOT LIMITED TO, TOPSOIL STOCKPILING, CONSTRUCTION TRAILERS AND VEHICLES, CONSTRUCTION MATERIALS AND DEBRIS, SALES/PROMOTIONAL TRAILERS AND SIGNAGE.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING PARK AND TREE PRESERVATION HOARDING IN AN APPROVED AND FUNCTIONING CONDITION AS REQUIRED BY THE COMMUNITY SERVICES DEPARTMENT THROUGH ALL PHASES OF CONSTRUCTION. NOTE THAT THE SOLID BOARD HOARDING TO BE PLACED ON PRIVATE LANDS WILL FUNCTION AS HOARDING TO PROTECT CITY PARKLAND.
- INFORM THE COMMUNITY SERVICES DEPARTMENT OF THE CONSTRUCTION SCHEDULE AS IT PERTAINS TO THE MUNICIPALLY OWNED PARKLAND, ITS PROTECTIVE HOARDING, CLEAN-UPS, REINSTATEMENT AND ISSUES AFFECTING PARKLAND USE, CONSTRUCTION AND MAINTENANCE. IT IS THE RESPONSIBILITY OF THE APPLICANT TO ARRANGE FOR COMMUNITY SERVICES – PARK PLANNING SECTION INSPECTIONS AND APPROVALS AS REQUIRED.
- REMOVE CONSTRUCTION RELATED DEBRIS OR LITTER THAT HAS MIGRATED OR HAS THE POTENTIAL TO MIGRATE INTO THE ADJACENT MUNICIPALLY OWNED GREENBELT. SHOULD THE CONTRACTOR/APPLICANT FAIL TO DO SO, ARRANGEMENTS WILL BE MADE TO DRAW ON THE SUBMITTED PARK PROTECTION AND REINSTATEMENT SECURITIES TO FUND PARK CLEAN UP ACTIVITIES.
- PRIOR TO THE RELEASE OF SECURITIES, THE COMMUNITY SERVICES DEPARTMENT IS TO INSPECT AND APPROVE ANY REQUIRED RESTORATION, REINSTATEMENT AND/OR CLEAN UP WORKS INCLUDING HOARDING REMOVAL AND OFF-SITE DISPOSAL, CONDUCTED AT THE SHARED PROPERTY LINE WITH AND WITHIN P 806, MISSISSAUGA VALLEY PARK.
- A FULL CONSTRUCTION MANAGEMENT PLAN IS TO BE PREPARED BY THE GENERAL CONTRACTOR AND SUBMITTED TO THE CITY FOR REVIEW.

EROSION AND SEDIMENT CONTROL NOTES:

- EROSION AND SEDIMENT CONTROLS ARE TO BE CONTINUOUSLY EVALUATED AND UPGRADES ARE TO BE IMPLEMENTED, WHEN NECESSARY.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MATERIALS (IE. SILT FENCE, STRAW BALES, CLEAR STONE, ETC.) ARE TO KEPT ON SITE FOR EMERGENCIES AND REPAIRS.
- AN AFTER HOURS CONTACT NUMBER IS TO BE CLEARLY POSTED ON-SITE FOR EMERGENCIES.
- THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR CONTROLLING SEDIMENT AND EROSION WITHIN THE CONSTRUCTION SITE FOR THE TOTAL PERIOD OF THE CONSTRUCTION. THE SEDIMENT LADEN WATER WILL NOT BE ALLOWED TO DISCHARGE TO THE CREEK.
- ALL TEMPORARY SOIL OR DIRT STOCKPILES ARE TO BE PROVIDED WITH THE NECESSARY SEDIMENT AND EROSION CONTROL FEATURES, INCLUDING SEEDING IF ANTICIPATED TO BE STORED FOR MORE THAN 1 MONTH MUST NOT BE LOCATED IN AREAS OF CONCENTRATED FLOW AND A MINIMUM OF 15m FROM THE TOP OF BANK, WATERCOURSE OR WETLAND.

DEWATERING NOTES:

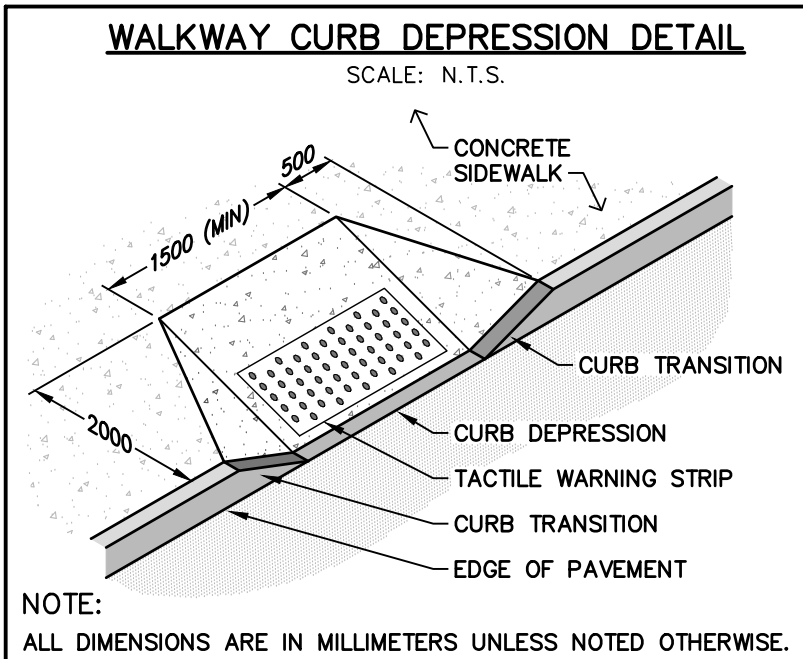
- IF DEWATERING IS REQUIRED, THE INLET PUMP HEAD MUST BE COVERED WITH FILTER FABRIC OR CLEAR STONE. THE OUTLET PUMP MUST DISCHARGE TO THE SEDIMENT BAG OR BASIN; DISCHARGE FROM THE BASIN IS TO BE RELEASED TO A VEGETATED LOCATION OR IF UNAVAILABLE, A FLOW DISSIPATING SHOULD BE PROVIDED. THE SEDIMENT BAG SHOULD BE LOCATED A MINIMUM OF 15m AWAY FROM THE RECEIVING BODY. (REFER TO EROSION AND SEDIMENT CONTROL GUIDELINE FOR URBAN CONSTRUCTION – DECEMBER 2006, FIG. E9)

INSTALLATION & RESTORATION (OPEN CUT)

- BACKFILL MATERIALS SHALL BE OPSS GRANULAR 'A', GRANULAR 'B' & UNSHRINKABLE FILL PLACED AT THE SPECIFIED DEPTHS AS PER STANDARD 2220.030. ALL GRANULAR MATERIAL SHALL CONFORM WITH OPSS 1010 & THE UNSHRINKABLE FILL SHALL CONFORM TO OPSS 1359. STEEL PLATES SHALL BE SECURED OVER THE EXCAVATION FOR A MINIMUM OF 24 HOURS AFTER WHICH THE GRANULAR MATERIALS CAN BE PLACED. ALL GRANULAR MATERIAL SHALL BE PLACED IN 150mm LIFTS AND COMPACTED TO 100% STANDARD PROCTOR DENSITY.
- AFTER BACKFILLING THE UTILITY TRENCH, A MIN. 300mm TOTAL ASPHALT REMOVAL SHALL BE CUT ON ALL SIDES OF THE TRENCH INTO THE EXISTING PAVEMENT STRUCTURE. THE PAVEMENT STRUCTURE MATERIALS SHALL MATCH THE EXISTING PAVEMENT MATERIAL TYPES.
- ASPHALT RESTORATION SHALL BE A MINIMUM OF 40mm HL-3 & 50mm HL-8 & SHALL MATCH THE EXISTING PAVEMENT STRUCTURE. ALL ASPHALT RESTORATION SHALL BE IN COMPLIANCE WITH OPSS 310. ALL HOT-MIX MATERIAL SHALL CONFORM TO OPSS 1149, 1150 AND/OR 1154. EXPOSED ASPHALT AND CONCRETE FACES SHALL BE CLEANED AND COATED WITH AN RS-1 (OR EQUIVALENT) ASPHALT EMULSION & ALLOW TO 'BREAK' PRIOR TO COMMENCING ASPHALT PLACEMENT.
- WHEN THE REMAINING ASPHALT, FROM THE EDGE OF PAVEMENT TO THE SAWCUT IS 1.5m OR LESS, THE EXISTING ASPHALT WILL BE REMOVED FULL DEPTH & REPAVED AS PER NOTE 3. WHEN TWO OR MORE ROAD CUTS ARE REQUIRED AT A GIVEN SITE, AND THE CUTS ARE LESS THAN 2.5m APART THE ENTIRE AREA MUST HAVE FULL DEPTH ASPHALT RESTORATION FROM THE OUTER LIMITS OF ALL REPAIRS.
- SIDEWALK RESTORATION SHALL BE A MINIMUM OF 1 FULL BAY INCLUDING EXPANSION JOINT MATERIAL. ALL CONCRETE SHALL BE AS PER OPSS 351. ALL SIDEWALKS SHALL BE 130mm THICK.
- SUB-DRAINS UNDER THE CURB SHALL BE RESTORED TO ENSURE THEIR OPERATION AND SHALL BE PLACED AS PER CITY OF MISSISSAUGA STANDARD DRAWING NUMBER 2220.040.
- WHERE THE CURB HAS BEEN UNDERMINED TO FACILITATE SERVICING INSTALLATION THE CURB SHALL BE REMOVED AND REPLACED. CURB RESTORATION SHALL BE MINIMUM OF 2.0m OR SHALL EXTEND 0.5m BEYOND THE OUTER TRENCH EDGES WHICH EVER IS GREATER. ALL CONCRETE SHALL BE AS PER OPSS 353.
- ALL GRASSED BOULEVARDS SHALL BE RE-INSTATED WITH NUMBER 1 NURSERY SOD PLACED ON TOP OF 100mm OF TOPSOIL. ALL SOD SHALL BE PLACED WITH STAGGERED JOINTS, BE ROLLED, AND WHERE APPLICABLE, STAKED INTO THE GROUND.

STORM SEWERS

- BEDDING & EMBEDMENT MATERIAL TO BE COMPACTED TO A DRY DENSITY OF AT LEAST 95% OF THE MATERIAL'S SPMD.
- BEDDING & EMBEDMENT TO OPSP 802.010 (FLEXIBLE PIPE) GRANULAR 'A' EMBEDMENT.
- WHERE COVER OVER THE OVERT OF THE SEWER IS LESS THAN 1.20m, INSTALL 50mm THICKNESS OF STYROFOAM SM INSULATION MATERIAL, FOR EACH 300mm COVER DEFICIT, PER PIPE INSULATION DETAIL.
- CATCHBASINS TO HAVE MIN. 600mm SUMPS PER OPSP 705.010.
- STORM SEWERS TO BE VIDEO INSPECTED AFTER INSTALLATION COMPLETION, PRIOR TO ASPHALT PLACEMENT AND AFTER LANDSCAPE COMPLETION. FLUSHING OF SEWER WILL BE REQUIRED IF DEBRIS IS FOUND IN THE PIPES, TO THE SATISFACTION OF THE ENGINEER.
- (MINIMUM OF 3 SEPARATE VIDEO INSPECTIONS)



REMOVAL AND EROSION & SEDIMENT CONTROL: GENERAL NOTES

- THE APPLICANT IS RESPONSIBLE FOR THE INSTALLATION OF HOARDING TO PROTECT THE ADJACENT PARKLAND (INCLUDES PARKS, GREENBELTS, WOODLOTS) TO COMMUNITY SERVICES STANDARDS. THE APPLICANT ACCEPTS THE RESPONSIBILITY FOR ARRANGING ALL NECESSARY REPAIRS AND THE REINSTATEMENT OF THE ADJOINING PARKLAND, DUE TO DAMAGES INCURRED BY THE CONSTRUCTION WORKS ASSOCIATED WITH THIS APPLICATION. THESE WORKS WILL BE COMPLETED PRIOR TO SUBMITTING THE REQUEST FOR INSPECTION AND THE SUBSEQUENT REQUEST FOR THE RELEASE OF SECURITIES FROM THE COMMUNITY SERVICES DEPARTMENT. THE APPLICANT ACKNOWLEDGES THAT SECURITIES BEING HELD BY THE CITY WILL BE RELEASED ONLY UPON COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND HE REPAIRS/REINSTATEMENT WORKS FOR THE PARKLAND, TO THE SATISFACTION OF THE COMMUNITY SERVICES DEPARTMENT.

SIGNATURE OF OWNER _____

NAME OF OWNER: ACLP DUNDAS STREET EAST

DATE _____

- NO MAINTENANCE OR REPAIR WORK ON CONSTRUCTION EQUIPMENT IS ALLOWED WITHIN 30 METRES OF AN EXISTING WATER COURSE OR DITCH.
- ALL SEDIMENT AND EROSION CONTROL FACILITIES AND WORKS ARE TO BE CONSTRUCTED AND IN PLACE TO THE APPROVAL OF THE SITE ENGINEER PRIOR TO ANY GRADING OPERATIONS COMMENCING. TYPICAL WORKS INCLUDE SILT FENCES AND INTERCEPTOR SWALES.
- ALL TEMPORARY SOIL OR DIRT STOCKPILES ARE TO BE PROVIDED WITH THE NECESSARY SEDIMENT AND EROSION CONTROL FEATURES. IF STOCKPILES ARE TO REMAIN FOR A PERIOD LONGER THAN 180 DAYS, STOCKPILES SHALL BE HYDROSEEDED AND SURROUNDED WITH SILT FENCE.
- ALL AREA DRAINS TO HAVE FILTER FABRIC PLACED AND MAINTAINED UNDER GRATES PER STD. 2930.040 UNTIL LANDSCAPING IS COMPLETE AND STABILIZED IN DEVELOPMENT OR AS DIRECTED BY SITE ENGINEER.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES (IE. SILT FENCE, STRAW BALES, CLEARSTONE...ETC.) ARE TO BE KEPT ON SITE FOR EMERGENCIES AND REPAIRS.
- EROSION AND SEDIMENT CONTROL METHODS ARE TO BE CONTINUOUSLY EVALUATED AND, WHERE NECESSARY, UPGRADES ARE TO BE IMPLEMENTED.
- AN AFTER HOURS CONTACT NUMBER IS TO BE VISIBLY POSTED ON-SITE FOR EMERGENCIES.
- ALL SEDIMENT CONTROL FENCING IS TO BE ERCTED PRIOR TO THE COMMENCEMENT OF ANY SITE GRADING OPERATIONS, AS PER CITY OF MISSISSAUGA STANDARD 2940.01.
- ALL CATCHBASINS WITHIN LANDSCAPED AREAS TO HAVE SEDIMENT BARRIER (CITY OF MISSISSAUGA STANDARD 2930.02 OR 2930.03) ERCTED IMMEDIATELY AFTER CATCHBASIN INSTALLATION. SEDIMENT PROTECTION BARRIER TO BE MAINTAINED ON A REGULAR BASIS OR TO THE SATISFACTION OF THE CITY OF MISSISSAUGA.
- THE INSTALLATION OF 1.5m HIGH BLACK VINYL CHAINLINK FENCING, AS PER THE MOST CURRENT COMMUNITY SERVICES STANDARD DETAIL #02831-1, IS REQUIRED BETWEEN THE SUBJECT PROPERTY AND THE GREENBELT. THE FENCING IS TO BE LOCATED ENTIRELY ON MUNICIPAL PROPERTY, 0.15m INSIDE THE GREENBELT. THE FENCE FABRIC IS TO BE INSTALLED ON THE MUNICIPAL SIDE OF THE FENCE. GATES WILL NOT BE PERMITTED IN THE FENCE.
- CONSTRUCTION SEQUENCE:

INITIAL SEDIMENT CONTROL INSTALLATION	(TBD)
SITE GRADING OPERATIONS	(TBD)
UNDERGROUND SERVICING OPERATIONS	(TBD)
BUILDING CONSTRUCTION	(TBD)
FINAL GRADING OPERATIONS	(TBD)

- IF SITE CONSTRUCTION ACTIVITIES ARE INTERRUPTED AND/OR INACTIVITY EXCEEDS 30 DAYS, ALL STRIPPED AND/OR BARE SOIL AREAS ARE TO BE STABILIZED BY SODDING/SEEDING/MULCHING OR OTHER APPROVED METHOD, TO THE SATISFACTION OF THE CITY OF MISSISSAUGA.
- THIS CONTROL PLAN IS PREPARED FOR SUBMISSION TO THE CITY OF MISSISSAUGA IN CONJUNCTION WITH AN APPLICATION FOR EROSION & SEDIMENT CONTROL PERMIT NO. 08-006 UNDER THE EROSION & SEDIMENT CONTROL BY-LAW NO. 512.91, AS AMENDED.
- ALL EROSION AND SEDIMENT CONTROL MEASURE ARE TO BE REGULARLY INSPECTED AND MAINTAINED, AS REQUIRED, TO THE SATISFACTION OF THE CITY OF MISSISSAUGA.
- DURING ALL CONSTRUCTION PHASES, MUD TRACKING CONTROL, CONSISTING OF FLUSHING AND SWEEPING ROADS, IS TO BE PROVIDED FOR ALL ROADS, AS WARRANTED, IN ACCORDANCE WITH THE CITY OF MISSISSAUGA MUD TRACKING CONTROL POLICY.

- PRE-CONSTRUCTION
 - CONTRACTOR TO ADVISE CITY WHAT STAFF IS RESPONSIBLE FOR SITE SEDIMENT CONTROL SUPERVISION, INSPECTION AND MAINTENANCE, INCLUDING AFTER HOUR CONTACTS.
 - CONTRACTOR TO PROVIDE WRITTEN INSPECTION AND MAINTENANCE SCHEDULE OF SEDIMENT CONTROL DEVICES.
 - CONTRACTOR TO INSTALL ALL SEDIMENT CONTROL DEVICES AS IDENTIFIED ON THE APPROVED EROSION CONTROL PLAN PRIOR TO IMPLEMENTATION OF TOPSOIL STRIPPING OR EARTHWORKS OPERATIONS.
- DURING CONSTRUCTION (SITE AND BUILDING WORKS)
 - CONTRACTOR TO ENSURE TOPSOIL, STRIPPING, GRADING AND UNDERGROUND WORKS CONFORM TO APPROVED GRADING, SERVICING AND EROSION CONTROL PLANS.
 - SITE ENGINEER TO CONDUCT REQUIRED WEEKLY INSPECTION, MAINTENANCE AND REPORTING OF SEDIMENT CONTROLS TO THE CITY START WITH THE COMMENCEMENT OF CONSTRUCTION.
 - CONTRACTOR TO STABILIZE SITE AS REQUIRED THROUGHOUT SITE CONSTRUCTION SCHEDULE.
- POST CONSTRUCTION (INCLUDING BUILDING CONSTRUCTION)
 - CONTRACTOR TO COMPLETE FINAL SITE STABILIZATION AND REVEGETATION WORKS.
 - CONTRACTOR TO REMOVE ALL SEDIMENT CONTROL DEVICES AFTER THE SITE IS STABILIZED TO A CONDITION EQUAL TO, OR BETTER THAN, PRE-CONSTRUCTION.
 - FOLLOWING COMPLETION OF CONSTRUCTION AND AS DIRECTED BY SITE ENGINEER, ALL EROSION AND SEDIMENT CONTROL WORKS ARE TO BE REMOVED INCLUDING ANY ACCUMULATED SEDIMENT.
 - ALL WORKS LOCATED ON LANDS OUTSIDE THE PROPOSED DEVELOPMENT AREA ARE TO BE GRADED TO MATCH EXISTING SURROUNDING GROUND AND HYDROSEEDED.

MAINTENANCE & OPERATIONS OF SEDIMENT CONTROLS

- SILT FENCE (STD 2940.010 & 02830-2)

- SILT FENCE MUST BE INSPECTED WEEKLY FOR RIPS OR TEARS, BROKEN STAKES,
- SILT FENCE MUST BE INSPECTED IMMEDIATELY AFTER EVERY RAIN STORM EVENT OR AS DIRECTED BY SITE ENGINEER.
- SEDIMENT MUST BE REMOVED FROM SILT FENCE WHEN ACCUMULATION REACHES 50% OF THE HEIGHT OF THE FENCE.
- ALL SILT FENCES MUST BE REMOVED ONLY WHEN THE ENTIRE SITE IS STABILIZED AND AS DIRECTED BY THE SITE ENGINEER.
- ALL SILT FENCES INSTALLED AT THE LIMIT OF THE DEVELOPMENT ARE TO BE REMOVED DIRECTLY ON THE PROPERTY LINE OR AS DIRECTED BY SITE ENGINEER.

TRAFFIC NOTES:

- ALL DAMAGED OR DISTURBED AREAS WITHIN THE MUNICIPAL RIGHT OF WAY ARE TO BE REINSTATED AT THE OWNERS EXPENSE.
- ALL LANDSCAPING AND GRADING WITHIN CLOSE PROXIMITY TO THE PROPOSED ACCESS POINTS IS TO BE DESIGNED TO ENSURE THAT ADEQUATE SIGHT DISTANCES ARE AVAILABLE FOR ALL APPROACHING AND EXITING MOTORISTS AND PEDESTRIANS.
- THE PORTION OF THE DRIVEWAY WITHIN THE MUNICIPAL BOULEVARD IS TO BE PAVED BY THE OWNER.
- DRIVEWAY ACCESSES SHALL MAINTAIN A 1.50m SETBACK FROM ABOVEGROUND FEATURES SUCH AS UTILITIES AND TREES.
- ANY ABOVE GROUND UTILITIES LOCATED WITHIN 1.50m OF A PROPOSED ACCESS ARE TO BE RELOCATED AT THE OWNER'S EXPENSE.
- THE COST FOR ANY/ALL ROAD IMPROVEMENTS REQUIRED IN SUPPORT OF THIS DEVELOPMENT APPLICATION WILL BE BORNE BY THE OWNER.
- THE OWNER SHALL MAKE SATISFACTORY ARRANGEMENTS WITH THE TRANSPORTATION AND WORKS DEPARTMENT FOR THE DESIGN, CONSTRUCTION AND PAYMENT OF ALL COSTS ASSOCIATED WITH WORKS NECESSARY TO SUPPORT ACCESS TO THIS SITE.
- ANY ACCESS TO INTERNAL SERVICING SHALL BE PROVIDED INTERNALLY THROUGH THE SITE.

