

GENERAL NOTES:

- ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
- ALL WORK AND MATERIALS TO CONFORM WITH THE CURRENT PROVINCIAL BUILDING CODE, MINISTRY OF THE ENVIRONMENT, CONSERVATION AND FORESTRY, REGIONAL MUNICIPALITY OF PEEL, CITY OF MISSISSAUGA, CHARGED PROVINCIAL STANDARDS AND SPECIFICATIONS, LOCAL UTILITY STANDARDS AND MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY.**
- THE CONTRACTOR IS ADVISED THAT WORKS BY OTHERS MAY BE ONGOING DURING THE PERIOD OF THIS PROJECT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND PREVENT CONSTRUCTION CONFLICTS.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED PRIOR TO COMMENCEMENT OF WORK. ANY UNKNOWN OR UNKNOWN LOCATION OF UTILITIES IS TO BE REPORTED TO THE SITEWORK ENGINEER OF RECORD 48 HRS PRIOR TO CONSTRUCTION. LIST THE AND/OR ANY ADDITIONAL WORKS SET TO FAILURES OF THE CONTRACTOR TO CORRECT UTILITY LOCATIONS AND ELEVATIONS AND NOTIFY THE SITEWORK ENGINEER OF RECORD OF ANY CONFLICTS 48 HRS PRIOR TO CONSTRUCTION. THIS IS AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL INSTALL ALL SEDIMENT CONTROL DEVICES PRIOR TO THE COMMENCEMENT OF SITE GRADING WORK. Silt/Laden WATER MUST NOT BE PERMITTED TO ENTER ANY EXISTING OR NEW DRAINAGE, DRAINAGE STRUCTURES OR WATERCOURSES. ADDITIONAL CONDITIONS AS DEMAND BY THE AUTHORITIES AND/OR THE SITEWORK ENGINEER OF RECORD DURING CONSTRUCTION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE COMPLIANT WITH ALL APPLICABLE REQUIREMENTS ON A REGULAR BASIS AND AFTER EVERY SIGNIFICANT EVENT. REPAIRS MUST BE COMPLETED IN A TIMELY MANNER TO PREVENT SEDIMENT FROM ENTERING ANY WATER SYSTEMS. ADDITIONAL SEE DRAWING 10-1 WATER SEDIMENT CONTROL IS REQUIRED. REFER TO DRAWINGS C-111, C-121 AND C-501 FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.
- CONTRACTOR TO OBTAIN A ROAD OCCUPANCY PERMIT PRIOR TO COMMENCING ANY WORK WITHIN THE ROAD ALLOWANCE IF REQUIRED BY THE MUNICIPALITY OR AUTHORITY. ALL UNDERGROUND SERVICES WORK ON THE RIGHT OF WAY AND EASEMENTS TO BE RESPECTED BY THE AUTHORITY PRIOR TO BACKFILLING.
- CONTRACTOR WILL BE RESPONSIBLE FOR ALL REMEDIATION REQUIRED TO FACILITATE NEW CONSTRUCTION. REFER TO TOPOGRAPHIC PLAN FOR EXISTING CONDITION INFORMATION. ALL EXISTING SERVICE STRUCTURES, VALVES AND HYDRANTS ARE TO BE ADJUSTED TO FINAL ELEVATIONS.
- THE CONTRACTOR SHALL PROVIDE TO THE SITEWORK ENGINEER OF RECORD 1 (ONE) SET OF SITE SERVING, GRADING, SITE ELECTRICAL, AND LANDSCAPE RECORD DRAWINGS.

GRADING:

- ALL GRANULAR BASE AND SUB BASE COURSE MATERIALS SHALL BE COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY DENSITY.
- ALL DISTURBED GRASSED AREAS OUTSIDE THE PROPERTY LIMITS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, WITH 50D ON MINIMUM 150mm TOPSOIL. THE RELOCATION OF TREES AND SHRUBS SHALL BE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT OF RECORD OR SITEWORK ENGINEER OF RECORD.
- LIGHT DUTY PAVEMENT STRUCTURE TO BE CONSTRUCTED AS RECOMMENDED BY WSP, REPORT DATED FEBRUARY 24, 2020 AS FOLLOWS:
40mm SPSS HL-3 ASPHALT CONCRETE
50mm SPSS HL-8 ASPHALT CONCRETE
150mm SPSS GRANULAR 'A' BASE (OR 190mm GRISHER RUN LIMESTONE)
200mm SPSS GRANULAR 'B' SUB-BASE (OR 200mm GRISHER RUN LIMESTONE)
- HEAVY DUTY PAVEMENT STRUCTURE TO BE CONSTRUCTED AS RECOMMENDED BY WSP, REPORT DATED FEBRUARY 24, 2020 AS FOLLOWS:
40mm SPSS HL-3 ASPHALT CONCRETE
80mm SPSS HL-8 ASPHALT CONCRETE
150mm SPSS GRANULAR 'A' BASE (OR 190mm GRISHER RUN LIMESTONE)
300mm SPSS GRANULAR 'B' SUB-BASE (OR 50mm GRISHER RUN LIMESTONE)
- ALL BARRIER CURBS WITHIN THE SITE TO BE CONSTRUCTED AS PER OPSF 600.110, CURB & GUTTER AS PER CITY OF MISSISSAUGA STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED ON THIS DRAWING.
- ALL ENTRANCE CURB CUTS TO BE AS PER OPSF 305.010.
- ALL BARBER CURBS AND SIDEWALKS AS SHOWN ON THIS DRAWING ARE TO BE PAVED IN THE SITEWORK PORTION OF THE CONTRACT. CONCRETE PAVES, SIDEWALKS, AND CONCRETE APRONS ADJACENT THE BUILDING ARE TO BE PAVED IN THE BUILDING PORTION OF THE CONTRACT.
- REFER TO SITE PLAN PREPARED BY STATTEC CONSULTING FOR ALL DIMENSIONS AND CONSTRUCTION LAYOUT REQUIREMENTS FOR CURBS, BUILDING EASEMENTS, AND SITE DETAILS.
- JOINTS ARE TO BE USED WHERE PROPOSED ASPHALT MEETS EXISTING ASPHALT AS PER DETAIL ON DRAWING C-504. ALL JOINTS MUST BE WACHED AND SEALED AS PER DETAIL.
- ALL UNDEVELOPED AREAS TO BE GRADED TO GRADES SHOWN AND ARE TO BE FINISHED AS PER LANDSCAPE SPECIFICATIONS AND DETAILS.
- PARKING AREA PONDING DEPTH TO BE 250mm (MAXIMUM).
- EMPALEMENTS TO BE SLOPED AT MAX. 3:1, UNLESS OTHERWISE NOTED ON THIS DRAWING.
- ALL PAVEMENT MARKING, LINE PAINTING, DIRECTIONAL LIGHTS/SIGNALS SHALL BE PLACED IN ACCORDANCE WITH THE SITE PLAN PREPARED BY STATTEC CONSULTING LTD., OR THE OWNER'S TRAFFIC ENGINEERING CONSULTANT'S DRAWINGS. LINE PAINTING AND DIRECTIONAL SIGNALS SHALL BE APPLIED WITH A MINIMUM OF TWO COATS OF ORGANIC SOLUBLE BASED PAVEMENT IN ACCORDANCE WITH OPSF 1712.
- RETAINING WALL #1 SHALL BE _____ OR EQUIVALENT APPROVED BY THE SITEWORK ENGINEER OF RECORD. RETAINING WALL #2 SHALL BE _____ OR EQUIVALENT APPROVED BY THE SITEWORK ENGINEER OF RECORD. THE CONTRACTOR IS TO SUBMIT SHOP DRAWINGS FOR THE RETAINING WALLS INCLUDING PROTECTIVE CURBS IN ACCORDANCE WITH THE CONCRETE BUILDING CODE REQUIREMENTS TO THE SITEWORK ENGINEER OF RECORD. SHOP DRAWINGS MUST BE REVIEWED, APPROVED AND SEALED BY A LICENSED STRUCTURAL ENGINEER TO PRACTICE IN ONTARIO. THE CONTRACTOR WILL ALSO BE REQUIRED TO SUPPLY STRUCTURAL CERTIFICATION OF THE AS-CO-STRUCTURED RETAINING WALLS TO THE SITEWORK ENGINEER OF RECORD UPON COMPLETION.
- EXISTING ELEVATIONS AT WATCH POINTS AS SHOWN ON THIS DRAWING ARE TO BE CONFIRMED BY THE CONTRACTOR 72 HOURS PRIOR TO MOBILIZATION OF FORCE MAIN. USE THE AND/OR ADDITIONAL WORKS SET TO FAILURES OF THE CONTRACTOR TO CORRECT EXISTING ELEVATIONS AND NOTIFY THE SITEWORK ENGINEER OF RECORD OF POSSIBLE CONFLICTS 72 HOURS PRIOR TO MOBILIZATION. THIS IS AT THE EXPENSE OF THE CONTRACTOR.

WATERMANS:

- ALL PVC PIPES IN SIZE FROM 100mm THROUGH 300mm WILL BE PRESSURE CLASS 250, DR18 AND MANUFACTURED IN ACCORDANCE TO MANUFACTURER (LATEST EDITION), CERTIFIED TO CSA B137.3-03 AND WILL HAVE THE SAME OUTSIDE DIAMETER DIMENSIONS AS CAST IRON WITH GROATED BELL END OF 1/8" AND STANDARD CORNER BENDS ARE:
- ALL WATERMAIN BENDING COVER AND TRENCH DETAIL SHALL BE AS PER SECTION OF PEEL STANDARD 7-5-1.
- ALL WATERMANS SHALL HAVE MINIMUM COVER OF 2.14M FROM PROPOSED GRADES, SHOWN ON THE GRADING PLAN, UNLESS OTHERWISE NOTED ON THE SERVING DRAWING. MINIMUM COVER MUST BE MAINTAINED AT ALL TIMES.
- MECHANICAL RESTRAINTS MUST BE INSTALLED ON ALL WATERMAIN HORIZONTAL AND VERTICAL BENDS, TEES, AND ELBS. ALL PIPE JOINTS FROM PROPERTY LINE TO THE BUILDING SERVICE VALVES MUST BE MECHANICALLY RESTRAINED.
- ALL FIRE HYDRANT INSTALLATIONS SHALL BE AS PER SECTION OF PEEL STANDARD 7-5-1. HYDRANTS SHALL BE PAINTED IN ACCORDANCE WITH REGIONAL AND CITY STANDARDS. ALL PIPE TIGHT TESTING WILL BE PERFORMED IN ACCORDANCE WITH RFP 291.
- CONTRACTOR SHALL OBTAIN HYDRANT AS DIRECTED BY THE LOCAL FIRE DEPARTMENT. CONTRACTOR TO CONTACT LOCAL FIRE DEPARTMENT AND OBTAIN WRITTEN DIRECTION AS TO THE REQUIRED ORIENTATION AND SPECIFICATIONS FOR FIRE HYDRANTS.
- ALL HYDRANT FLANGE ELEVATIONS TO BE INSTALLED 0.15M ABOVE PROPOSED FINISHED GRADE AT HYDRANT.
- CONTRACTOR SHALL INSTALL ALL FIRE ROUTE SIGNAGE IN ACCORDANCE WITH ALL LOCAL REQUIREMENTS, REGULATIONS, SPECIFICATIONS, AND BYLAWS.
- BUILDING SERVICE VALVES TO BE LOCATED WITHIN THE ASPHALT, 1.5M FROM THE EDGE OF THE CONCRETE APRON. CURBS BEYOND THE SERVICE VALVES ARE TO BE INSTALLED WITHIN 1.5M OF THE FACE OF THE BUILDING UNLESS OTHERWISE SHOWN ON THIS DRAWING. CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH BUILDING MECHANICAL DRAWINGS PRIOR TO CONSTRUCTION OF SERVICES. ALL DISCREPANCIES TO BE CLARIFIED BY SITEWORK ENGINEER OF RECORD PRIOR TO INSTALLATION.
- WATERMANS MUST COMPLY WITH MINIMUM HORIZONTAL AND VERTICAL CLEARANCES IN ACCORDANCE WITH REGION OF PEEL AND DISTRICT GUIDELINES AND THE APPLICABLE BUILDING AND FIREWORKING CODE. WHERE HORIZONTAL SEPARATIONS CANNOT BE ACHIEVED, VERTICAL SEPARATION SHALL BE 500mm OVER OR UNDER, WHERE THIS CANNOT BE ACHIEVED AT CROSSINGS, THE CROSSING SHALL BE IN THE CENTRE OF A STANDARD LENGTH OF THE NEW PIPE.
- ALL WATERMANS SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH LOCAL MUNICIPAL AND PROVINCIAL GUIDELINES. PROCEDURES FOR FLUSHING AREAS ARE PRIOR TO TESTING, MUST BE PROVIDED.
- ALL WATERMANS SHALL BE BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH LOCAL MUNICIPAL AND PROVINCIAL GUIDELINES. ALL DISINFECTED WATER TO BE DISINFECTED AND PREPARED TO ACCEPTABLE LEVELS PRIOR TO DISCHARGE. ALL DISINFECTED WATER MUST BE CONTAINED AND TREATED SO AS NOT TO UNDESIRABLY EFFECT THE ENVIRONMENT. THE LOCAL MUNICIPALITY MAY HAVE SPECIFIC REQUIREMENTS TO BE COMPLIED WITH. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL MUNICIPAL AND/OR PROVINCIAL REQUIREMENTS ARE FOLLOWED.
- ALL WATERMAIN STUBS SHALL BE TERMINATED WITH A PLUG AND 50mm BLOW OFF UNLESS OTHERWISE NOTED ON THIS DRAWING.
- ALL DUCTILE IRON FITTINGS SHALL BE CATHODICALLY PROTECTED WITH A 5.4kg 2% ANODE, AS PER OPSF/MIN 442 AND OPSF 1109.011.

STORM AND SANITARY SEWERS:

- ALL MANHOLE TO BE PRECAST AS PER OPSF 701.010 (2006), 701.011 (2006), 701.012 (1806), 701.013 (2406) AND 701.014 (2406) WITH FRAME AND GRISS AS PER OPSF 400.010, OR EQUIVALENT APPROVED BY THE SITEWORK ENGINEER OF RECORD. SAFETY PLATFORM TO BE INSTALLED IN ALL MANHOLES WHERE DEPTH EXCEEDS 5.0M.
- ALL CATCH BASINS TO BE PRECAST AS PER OPSF 705.010 WITH FRAME AND GRISS AS PER OPSF 400.010, OR EQUIVALENT APPROVED BY THE SITEWORK ENGINEER OF RECORD.
- CONCRETE AND PVC PIPE SENSER BUILDING SHALL BE CLASS 'B' AS PER OPSF 802.030, 802.031, 802.032 AND OPSF 802.010. MAINS TRENCH PROTECT TO BE COMPACTED AS PER EROSION CONTROL RECOMMENDATIONS WITH A MINIMUM 300mm SAND COVER OVER PIPE.
- ALL STORM SENSER PIPES UP TO 450mm DIA. SHALL BE PVC SDP-35. ALL STORM SENSER PIPES 500mm DIA. AND LARGER SHALL BE CONCRETE UNLESS OTHERWISE SHOWN ON THIS DRAWING. CONCRETE SENSER SHALL BE CLASS A C.S.A. SPECIFICATION A27.2 OR LATEST AMENDMENT. REINFORCED CLASS AS REQUIRED BY THE MANUFACTURER SPECIFICATIONS (86-0, 100-0, 140-0) AND OPSF 802.010. RIBBED PIPE SHALL NOT BE USED.
- ALL SANITARY PVC SENSER PIPES SHALL BE SDP-35 EQUAL CSA SPECIFICATIONS B162.2 OR LATEST AMENDMENT. RIBBED PIPE SHALL NOT BE USED.
- ALL MANHOLE AND CATCH BASIN EXCAVATIONS TO BE BACKFILLED WITH GRANULAR MATERIAL WITHIN 300mm OF THE STRUCTURE COMPACTED TO 90% STANDARD PROCTOR DENSITY.
- STORM MANHOLES SHALL BE BENCHMARKED TO OBTAIN SANITARY MANHOLES SHALL BE BENCHMARKED 0.30M ABOVE EXIST. MINIMUM WIDTH OF ALL BENCHMARKING TO BE 200mm.
- MINIMUM ALLOWABLE HEIGHT OF PRE-CAST MANHOLE AND CATCH BASIN ADJUSTING UNITS SHALL BE 450mm. MINIMUM REQUIRED HEIGHT IS TO BE 150mm. PAVEMENT ADJUSTING UNITS ON THE OUTSIDE ONLY.
- FOR CONSTRUCTION DETAILS NOT SHOWN ON PLANS, REFERENCE SHALL BE MADE TO THE LOCAL PROVINCIAL STANDARDS DRAWINGS AND MUNICIPAL STANDARDS.
- SERVICES TO BUILDINGS TO BE TERMINATED 1.5M FROM THE FACE OF BUILDING UNLESS OTHERWISE SHOWN ON THIS DRAWING. CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH BUILDING MECHANICAL DRAWINGS PRIOR TO CONSTRUCTION OF SERVICES. ALL DISCREPANCIES ARE TO BE CLARIFIED BY SITEWORK ENGINEER OF RECORD PRIOR TO MOBILIZATION.
- ALL CER LEAD INVERTS TO BE 1.5M BELOW FINISHED GRADE UNLESS OTHERWISE SHOWN ON THIS DRAWING.
- THE CONTRACTOR IS TO COMPLETE AND PROVIDE CCTV CAMERA INSPECTIONS IN ACCORDANCE WITH OPSF MIN 459 OF ALL STORM AND SANITARY SEWERS PRIOR TO SUBSTANTIAL PERFORMANCE AND AGAIN PRIOR TO EXPUNCTION OF THE WARRANTY PERIOD, INCLUDING WRITTEN REPORT. REPORT AND TWO (2) CD COPIES TO BE PROVIDED TO THE SITEWORK ENGINEER OF RECORD. ALL SEWERS ARE TO BE FLUSHED PRIOR TO CAMERA INSPECTION. ALL CATCH BASIN LEADS ARE TO RECEIVE CCTV CAMERA INSPECTIONS.
- LASER ALIGNMENT CONTROL TO BE UTILIZED ON ALL SENSER INSTALLATIONS.

EROSION & SEDIMENT CONTROL:

- IT IS ADVISED THAT THE GREAT VALLEY CONSERVATION AUTHORITY MAY, AT ANY TIME, WITHIN THIS PERMIT/SEAL, IF IN THE OPINION OF THE AUTHORITY, THE CONTROLS OF THE FORCE ARE NOT BEING COMPLIED WITH. THE APPROVAL DOES NOT EXEMPT THE CONTRACTOR FROM THE PROVISIONS OF ANY OTHER FEDERAL, PROVINCIAL, OR MUNICIPAL STATUTES, REGULATIONS OR BY-LAWS, OR ANY RIGHTS UNDER COMMON LAW.
- FOLLOWING INSTALLATION OF THE PROPOSED ESC MEASURES, A QUALIFIED AGENT OF THE EMPLOYER, PREPARE AN ENVIRONMENTAL MONITOR. WILL CONDUCT REGULAR SITE VISITS TO MONITOR ALL WORKS. PARTICULARLY THE LOCATION OF THE ESC MEASURES, DEVIATIONS AND IN-OR-NEAR-WATER WORKS SHOULD CONCERNING AREAS. THE ENVIRONMENTAL MONITOR WILL CONTACT THE PROPRIETOR, CIVIC, AND ANY OTHER APPROPRIATE PARTIES.
- ALL CONSTRUCTION ACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, WILL BE CONTROLLED TO PREVENT THE ENTRY OF DEBRIS, SEDIMENTS OR OTHER DELETERIOUS PRODUCTS TO THE WATERCOURSE OR WETLAND. EQUIPMENT MAINTENANCE WILL BE CONDUCTED A MINIMUM OF 30 METRES FROM THE WATERCOURSE/WETLAND.
- SEMI-LEAKY RUNOFF FROM DISTURBED AREAS TO THE WATERCOURSE OR NATURAL FEATURE IS NOT ALLOWED. ALL DEWATERING SHALL BE TREATED AND THEN RELEASED 30 METRES FROM A WATERCOURSE OR WETLAND. DISCHARGE IS TO BE RELEASED TO AN UNDESIGNED NATURAL AREA. THESE CONTROL MEASURES SHALL BE MONITORED AND MAINTAINED OR REVISED TO MEET WATER QUALITY TARGETS ARE BEING ACHIEVED.
- PLEASE REFER TO THE ESC GUIDE FOR URBAN CONSTRUCTION (2018) FOR THE DESIGN AND DESIGN ITERATION OF ESC MEASURES.
- ESC MEASURES WILL BE MAINTAINED PRIOR TO, AND MAINTAINED DURING THE CONSTRUCTION PERIODS, TO PREVENT ENTRY OF SEDIMENT INTO THE WATERCOURSE/NATURAL AREA. ESC MEASURES ARE TO BE EVALUATED ON A WEEKLY BASIS AND AFTER ANY STORM EVENT. ANY REPAIRS REQUIRED ARE TO BE REFINISHED IMMEDIATELY.
- THE EROSION AND SEDIMENT CONTROL (ESC) PLAN IS A DYNAMIC DOCUMENT, WHICH MAY BE ADJUSTED TO CHANGE OR MODIFICATIONS AS A RESULT OF SITE DEVELOPMENTS OR CHANGES ON SITE. ANY DEVELOPMENT CHANGES MUST BE DESIGNED BY A QUALIFIED PROFESSIONAL.
- ADDITIONAL ESC MATERIALS (I.E. SILT FENCE, FILTER SOCKS, STRAW BALES, CURE STONES, ETC.) ARE TO BE KEPT ON SITE FOR EMERGENCIES AND REPAIRS.
- THE PROJECT PROPRIETOR OR THEIR REPRESENTATIVE IS ULTIMATELY RESPONSIBLE FOR CONTROLLING EROSION AND EROSION WITHIN THE CONSTRUCTION SITE FOR THE TOTAL PERIOD OF THE CONSTRUCTION.
- DISBURSED AREAS WILL BE MINIMIZED TO THE EXTENT POSSIBLE, AND TEMPORARILY OR PERMANENTLY STABILIZED. IF NOT POSSIBLE, THE WORK PROGRESS. ALL DISTURBED URBAN LOT INTRA FOR MORE THAN 30 DAYS SHALL BE STABILIZED USING APPROPRIATE EROSION CONTROL MEASURES AND AN APPROPRIATE NINE NON-ANNUAL SEED MIX OR WITH THE FINAL APPROVED RESTORATION PLAN.
- ANY SEDIMENT SPILL FROM THE SITE SHOULD BE REPORTED TO MINISTRY OF ENVIRONMENT (SPILL ACTION CENTER) AT 1-800-385-6000.
- IF EXCESSIVE SALINATION RESULTS FROM THE CONSTRUCTION ACTIVITIES, THE ON-SITE SUPERVISOR/INSPECTOR AND/OR CIVIC RESERVE THE RIGHT TO REQUEST ADDITIONAL ESC MEASURES WHICH WOULD BE INSTALLED PRIOR TO FURTHER CONSTRUCTION ACTIVITIES. SEE SPECIFIC NOTES.
- THE CONTRACTOR SHALL MONITOR WEATHER FORECASTS TO ENSURE THAT THE WORKS WILL BE CONDUCTED IN FAVORABLE WEATHER. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL CONSTRUCTION EQUIPMENT AND MATERIALS THAT WOULD HAVE POTENTIAL TO CAUSE A SPILL OR DISTRIBUTION (E.G. FUEL TANKS, PORTABLE TOILETS, WASHBOY, ETC.) FROM THE 100 YEAR FLOODPLAIN IN THE CASE OF A LARGE STORM EVENT.
* OR SITE-SPECIFIC STORM EVENT
- CROSSING AN ACTIVE WATERCOURSE OR WETLAND BY EQUIPMENT, VEHICLES, PERSONNEL, ETC. IS NOT PERMITTED UNLESS APPROVED BY CIVIC. ALL ACCESS TO WORK SITES SHALL BE FROM OTHER SEAS OF THE WATERCOURSE OR WETLAND.
- ALL IN-WATER AND NEAR-WATER WORKS WILL BE CONDUCTED IN THE 10M AND MUST BE STAKED WITH APPROPRIATE EROSION AND SEDIMENT CONTROL. PLAN THE WORK ACCORDANCE WITH THE WEATHER FORECAST.
- AN AFTER-HOURS CONTACT NUMBER IS TO BE VISIBLY POSTED ON-SITE FOR EMERGENCIES. ALL THE PLANS SHOULD HAVE NAME AND CONTACT INFO OF THE PERSON RESPONSIBLE FOR ESC MEASURES.

DUST CONTROL MEASURES:

- PRE-GRADING PLANNING**
- STRIP TOPSOIL AND GRADE AS INDICATED AND APPLY VEGETATION AND/OR GROUND COVER TO GRADED OR TOPSOIL STRIPPED AREAS WHERE CONSTRUCTION PHASE BEGINS MORE THAN 90 DAYS AFTER GRADING OR TOPSOIL STRIPPING OPERATIONS END.

- WATERING (FAST-GRADING)**
- WITHIN ACTIVE TOPSOIL STRIPPING, EXISTING MOVING AREAS, WATER TO BE APPLIED AT SUFFICIENT FREQUENCY AND QUANTITY TO PREVENT VISIBLE EMISSIONS FROM EXISTING MORE THAN 30M FROM POINT TO POINT.

- TOPSOIL STOCKPILES**
- CONTINUE LOAD IN/OUT PROCEDURES TO DOWNWIND SIDE OF THE MATERIAL, TOPSOIL PILE TO BE LOCATED DOWNWIND OF EXISTING INDUSTRIAL AREAS.
 - APPLY WATER TO HAUL ROADS AND STOCKPILE BY WAY OF WATER TRUCK.
 - GRADE AND VEGETATE TOPSOIL STOCKPILE TO PREVENT FUTURE WIND EROSION.
 - MAXIMUM HEIGHT OF TOPSOIL STOCKPILE IS 2.0M.

- WIND FENCING**
- INSTALL 1.0M TO 1.5M HIGH BARRIERS WITH 50% OR LESS POROSITY LOCATED ADJACENT TO ROADWAYS OR URBAN AREAS TO REDUCE THE AMOUNT OF WINDBLOWN DUST LOADING SITE.

- REDUCE VEHICLE SPEED**
- LIMIT VEHICLE SPEED TO 25km/h MAXIMUM. MAY NEED TO BE USED IN CONJUNCTION WITH WATERING TO PREVENT VISIBLE DUST EMISSIONS.

- MINIMIZE DISRUPTED SURFACE AREAS**
- DISBURS ONLY THOSE AREA ABSOLUTELY REQUIRED. VEGETATION LEFT IN PLACE DURING SITE WORK REDUCES THE AREA SUBJECT TO WIND EROSION.

- RESTRICT ACTIVITIES DURING HIGH WIND PERIODS**
- RESCHEDULE WORK AROUND WINDY DAYS. THE HIGH VISIBILITY OR CERTAIN WORKS AND THE CLOSE PROXIMITY AND POPULATION IMPACT SHOULD BE TAKEN INTO CONSIDERATION WHEN SCHEDULING DUST-PRODUCING WORK.

- ROAD CLEANING**
- SPILLS, OILS OR MATERIAL "TRACKED OUT" ON A ROAD TO BE CLEANED USING MECHANICAL STREET SWEEPERS OR FLUSHER TRUCKS AT LEAST THE END OF THE WORK DAY AND IMMEDIATELY IF EXCESSIVE WORK MORE THAN 25 METRES ALONG A PAVED PUBLIC HIGHWAY.

- ROAD CLEANING**
- DUST ON TREES AND VEGETATION TO BE MINIMIZED. WATER SHALL BE SPRINKLED TO REMOVE EXCESSIVE DUST BUILDUP IN DRY PERIODS.

TOPOGRAPHIC SURVEY:

SURVEY PREPARED BY: COCHRANE
DATE: APRIL 27, 2021 AND APRIL 2019

BENCHMARK:

ELEVATIONS ARE ORIENTED AND ARE REFERRED TO THE COO-1108.PEC-1878 VERTICAL DATUM, BEING DERIVED FROM THE CITY OF MISSISSAUGA VERTICAL BENCHMARK #391 HAVING A PUBLISHED ELEVATION OF 110.899M.

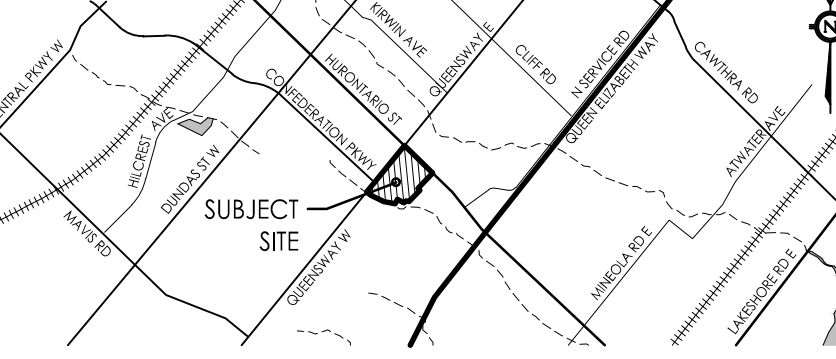


Stantec Consulting Ltd.
300W-675 Cochrane Drive
Markham ON L3R 0B8
TEL: (905) 944-7777
www.stantec.com

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Key Plan



Legend

Notes

Benchmark

Revision	By	App'd	YYYY-MM-DD

Permit/Seal

NOT FOR CONSTRUCTION

Client/Project Logo



Client/Project
TRILLIUM HEALTH PARTNERS
NEW MISSISSAUGA HOSPITAL TOWER
PAM 21-323 W7

100 QUEENSWAY WEST & 2250 HURONTARIO ST
MISSISSAUGA ON

Title

GENERAL NOTES

Project No.
1400 200191

Scale
N.T.S.

Revision Sheet
0 of

Drawing No.
C-001