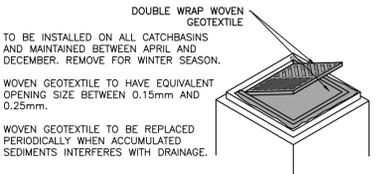


- EROSION AND SEDIMENT CONTROL SEQUENCING**
- INSTALL SINGLE ROLL OF SILT FENCE AROUND THE PERIMETER OF THE SITE AS SHOWN
 - INSTALL CONSTRUCTION ENTRANCE COMPLETE WITH MUD MAT
 - STRIP AND PREGRADE THE SITE AND ENSURE CONVEYANCE OF OVERLAND FLOWS THROUGH THE DIVERSION SWALES TO THE ROAD SIDE DITCH.
 - CONSTRUCT SITE SERVING AND INSTALL SEDIMENT PROTECTION ON ALL CATCHBASINS AND CATCHBASIN MANHOLES.
 - FLUSH STORM SYSTEM.
 - STABILIZE ALL LANDSCAPED AREAS WITH TOPSOIL, SEED AND OR SOD AND INSTALL ALL LANDSCAPE COMPONENTS REFER TO LANDSCAPE PLANS
 - REMOVE SILT FENCE AFTER CONSULTATION WITH THE PROJECT ENGINEER AND TOWN OF MILTON DEVELOPMENT ENGINEERING.
 - SOIL SHOULD NOT BE STOCKPILED FOR OVER SIX (6) MONTHS AT A TIME TO PREVENT SOIL STERILIZATION. IF LONGER STOCKPILE DURATIONS ARE NECESSITATED, SOIL SHOULD BE AMENDED WITH COMPOST AT TIME OF RE-APPLICATION.
 - SOIL STOCKPILES SHOULD BE TAPPED TO PREVENT EROSION AND GROWTH OF INVASIVE PLANT SPECIES/WEEDS. ALTERNATIVELY, STOCKPILES CAN BE STABILIZED BY SEEDING WITH NON-INVASIVE NATIVE GROUND COVER VEGETATION. SOIL STOCKPILES ARE NOT TO EXCEED 1.3m HEIGHT TO AVOID SOIL STERILIZATION IMPACTS.

- GENERAL NOTES:**
- PRIOR TO COMMENCEMENT OF ANY WORKS ON SITE, SNOW FENCE IS TO BE INSTALLED ON THE PERIMETER OF THE PROPERTY AND AT LOCATIONS AS DETERMINED BY THE DIRECTOR DEVELOPMENT ENGINEERING, AND THAT THE SNOW FENCE SHALL REMAIN IN PLACE UNTIL SUCH TIME AS OTHERWISE DIRECTED BY THE DIRECTOR DEVELOPMENT ENGINEERING
 - SILT CONTROLS ARE TO BE IN PLACE PRIOR TO START OF SITE WORKS, AND BE MAINTAINED FOR THE DURATION OF CONSTRUCTION
 - ALL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY AND A SUFFICIENT NUMBER OF TESTS BE UNDERTAKEN TO THE SATISFACTION OF THE DIRECTOR OF DEVELOPMENT ENGINEERING
 - IN THE EVENT THAT ARCHAEOLOGICAL REMAINS ARE FOUND DURING SUBSEQUENT CONSTRUCTION ACTIVITIES, THE CONSULTANT ARCHAELOGIST, APPROVAL AUTHORITY AND THE CULTURAL PROGRAMS UNIT OF THE MINISTRY OF TOURISM CULTURE SHOULD BE NOTIFIED IMMEDIATELY.

- EROSION AND SEDIMENT CONTROL NOTES**
- DURING THE SERVING CONSTRUCTION, LIMIT OPEN TRENCH LENGTHS TO MINIMIZE EROSION POTENTIAL.
 - DURING WORK STOPPAGES OR INCLEMENT WEATHER, PLUG ENDS OF OPEN SEWERS TO PREVENT DOWNSTREAM SEDIMENTATION.
 - PROVIDE CATCHBASIN SEDIMENT PROTECTION ON ALL CATCHBASIN AND CATCHBASIN MANHOLES FOR THE DURATION OF CONSTRUCTION.
 - ENSURE SILT LADEN WATER FROM TRUCK WASH AREAS ARE DIRECTED TO AREAS PROTECTED BY A FILTER RING AND AT LEAST 15 METERS FROM A WATERCOURSE.
 - ENSURE CONTRACTORS AND ALL TO FOLLOW THE CLEAN EQUIPMENT PROTOCOL FOR INDUSTRY, REFER TO LINK BELOW FOR ADDITIONAL DETAILS.
[HTTPS://WWW.ONTARIOINVASIVEPLANTS.CA/WP-CONTENT/UPLOADS/2016/07/CLEAN-EQUIPMENT-PROTOCOL_JUNE2016_D3_WEB-1.PDF](https://www.ontarioinvasiveplants.ca/wp-content/uploads/2016/07/CLEAN-EQUIPMENT-PROTOCOL_JUNE2016_D3_WEB-1.PDF)
 - ALL SILT LADEN WATER DURING DETERIORATING OF TRENCHES TO BE DIRECTED TO AN AREA PROTECTED BY A FILTER RING OR TO A GEOTEXTILE FILTER BAG. FILTRATION TO BE A MINIMUM OF 15 METERS FROM A WATERCOURSE.
 - PROVIDE DUST CONTROL DURING DRY PERIODS AS DIRECTED BY THE SITE ENGINEER OR CONSERVATION OR MUNICIPAL.
 - SWEEP EXTERNAL STREETS AS DIRECTED BY THE ENGINEER, CONSERVATION OR MUNICIPAL.
 - FOLLOWING BASE COURSE ASPHALT, CATCHBASINS TO BE REWRAPPED WITH GEOTEXTILE.
 - PERIODIC STREET CLEANING AND CATCHBASIN CLEANOUT TO BE PERFORMED AS REQUIRED.
 - ADOPT A MULTI-BARRIER APPROACH TO PROVIDE EROSION AND SEDIMENT CONTROL THROUGH EROSION CONTROLS FIRST.
 - RETAIN EXISTING VEGETATION AND STABILIZE EXPOSED SOILS WITH VEGETATION WHERE POSSIBLE. LIMIT THE DURATION OF SOIL EXPOSURE AND PHASE CONSTRUCTION WHERE POSSIBLE.
 - LIMIT THE DURATION OF SOIL EXPOSURE AND PHASE CONSTRUCTION WHERE POSSIBLE.
 - LIMIT THE SIZE OF DISTURBED AREAS BY MINIMIZING NON-ESSENTIAL CLEARING AND GRADING.
 - MINIMIZE SLOPE LENGTH AND GRADIENT OF DISTURBED AREAS.
 - MAINTAIN OVERLAND SHEET FLOW AND AVOID CONCENTRATED FLOWS.
 - STORE/STOCKPILE SOIL AWAY (E.G. GREATER THAN 15 METERS) FROM WATERCOURSES, DRAINAGE FEATURES AND TOP OF STEEP SLOPES.
 - ENSURE CONTRACTORS AND ALL INVOLVED IN THE ESC PRACTICES ARE TRAINED IN ECS PLAN, IMPLEMENTATION, INSPECTIONS, MAINTENANCE, AND REPAIRS.
 - ADJUST ECS PLAN AT CONSTRUCTION SITE TO ADAPT TO SITE FEATURES.
 - ALL STOCKPILES ARE TO HAVE SILT CONTROL FENCE INSTALLED AND MAINTAINED SURROUNDING THEM.
 - PLASTIC MESH SIZES FOR SILT FENCE OR EROSION CONTROL BLANKETS MUST BE EITHER <6mm (1/4") OR <50mm (2") TO MINIMIZE THE RISK OF TRAPPING WILDLIFE. ALTERNATIVELY, WILDLIFE-FRIENDLY PRODUCTS, SUCH AS LOOSE OR OPEN-WEAVE, NATURAL FIBRE TEXTILE MESHES (JUTE, COIR, WOOD EXCELISOR, ETC.) ARE AVAILABLE WHICH MAY ALSO BE USED TO MINIMIZE THIS RISK.
 - ESC MEASURES WERE ERECTED AND COMPLETED DURING THE PERIOD OF DECEMBER 15th - 22nd, 2025.



CATCHBASIN SEDIMENT PROTECTION

EROSION AND SEDIMENT CONTROL MEASURES

CONSTRUCT "MUD-MAT" AS INDICATED AND MAINTAIN UNTIL SITE IS STABILIZED. MUD TRACKED ONTO EXISTING ROADWAYS FROM THE SITE IS TO BE REMOVED ON A DAILY BASIS.

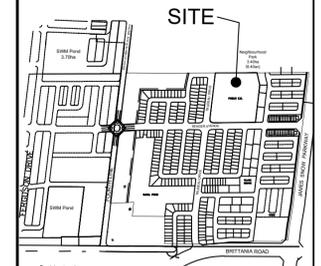
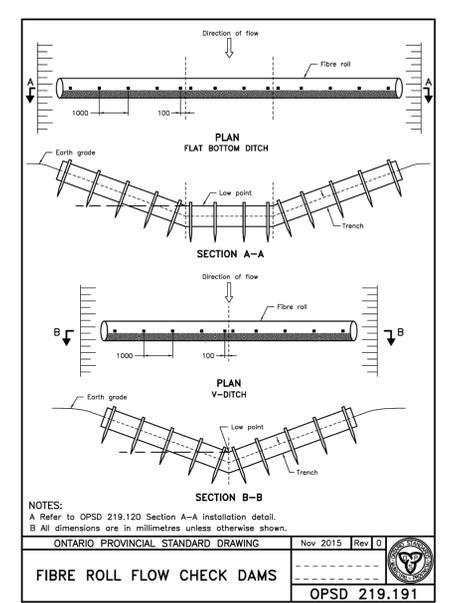
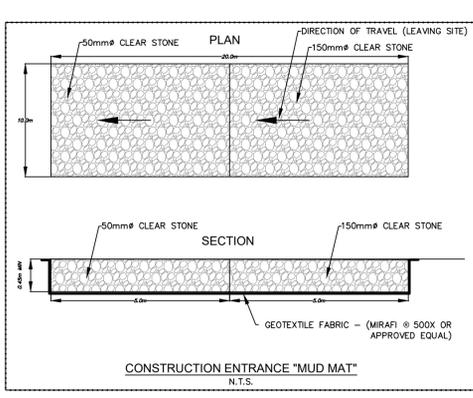
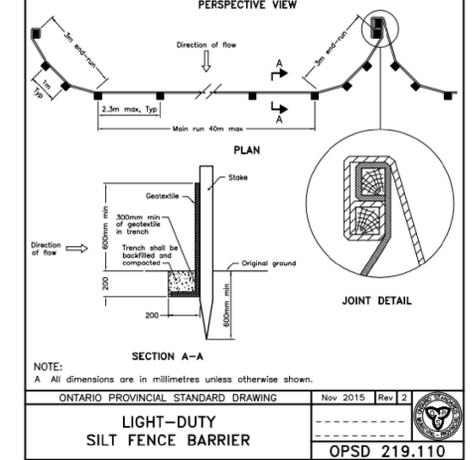
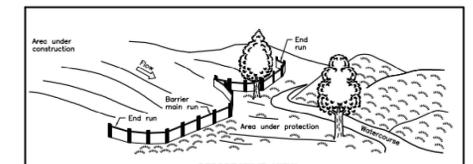
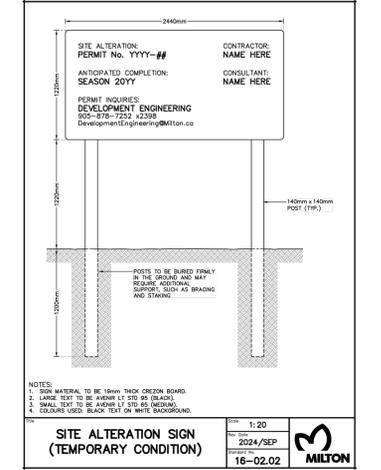
CONSTRUCT AND MAINTAIN SILT FENCING UNTIL SITE IS STABILIZED. PREVENT EROSION OF MATERIAL STOCKPILES.

DURING WORK STOPPAGES OR INCLEMENT WEATHER, PLUG ENDS OF OPEN SEWERS TO PREVENT DOWNSTREAM SEDIMENTATION.

INSTALL CATCHBASIN SEDIMENT PROTECTION AS PER DETAIL, AND MAINTAIN UNTIL SODDING AND ASPHALT PAVING IS COMPLETED

SEED MIX TO BE USED FOR TEMPORARY STABILIZATION & STOCKPILES AS PER CONSERVATION HALTON TEMPORARY STABILIZATION MIX; RATE OF APPLICATION MINIMUM 25kg/Ha.

QUANTITY	BOTANICAL NAME	COMMON NAME
25%	ELYMUS CANADENSIS	CANADA WILD RYE
25%	AVENA SATIVA	ANNUAL OATS
25%	AGROSTIS STOLONIFERA	CREeping BENT GRASS
20%	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM
5%	CAREX GRANULARIS	MEADOW/OPEN FIELD SEDGE



KEYMAP - NTS

No.	DATE	DRAWING ISSUE DESCRIPTION
1.	JAN. 31 2025	ISSUED FOR SPA SUBMISSION
2.	MAR. 20 2025	REVISED PER SCS & SUNIAL COMMENTS - SWITCHGEAR ADDED
3.	MAR. 20 2025	ISSUED FOR PERMIT
4.	AUG. 29 2025	ISSUED FOR SPA
5.	DEC. 10 2025	ISSUED FOR PERMIT
6.	DEC. 12 2025	ISSUED FOR PERMIT
7.	JAN. 09 2026	ISSUED FOR PERMIT
8.	JAN. 26 2026	ISSUED FOR TENDER
9.	JAN. 26 2026	ISSUED FOR SPA
10.	FEB. 03 2026	ISSUED FOR TENDER

- LEGEND
- PROPOSED SILT FENCE
 - PROPOSED SEDIMENT PROTECTION
 - PROPOSED ELEVATION
 - PROPOSED SLOPE
 - PROPOSED CUT-OFF SWALE
 - FIBRE ROLL FLOW CHECK DAM
 - MH 111 - EXISTING STORM MANHOLE
 - MH 105A - EXISTING SANITARY MANHOLE
 - HYD&V - EXISTING FIRE HYDRANT AND VALVE

BENCHMARK:

EXISTING SITE TOPOGRAPHIC SURVEY INFORMATION IS NOT AVAILABLE AT THE TIME. BASE SITE CONDITION IS BASED ON THE GRADING PLAN COMPLETED FOR THE SUBDIVISION BY SCS CONSULTING GROUP LTD.

AVAILABLE SERVING INFORMATION TO SUPPORT THE SITE DEVELOPMENT IS BASED ON THE PLAN & PROFILE CREATE FOR SEAGER AVENUE WITHIN THE SUBDIVISION BY SCS CONSULTING GROUP LTD.



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Tel: (905) 667-8678
Fax: (905) 673-1339
Email: mgm@mngm.on.ca
www.mngm.on.ca

CLIENT:

4

PROJECT:

MILTON #13 PUBLIC ELEMENTARY SCHOOL
1345 TRUDEAU DRIVE, MILTON, ON

DRAWING:

EROSION & SEDIMENT CONTROL PLAN

SITE PLAN FILE NO: SP-13/25

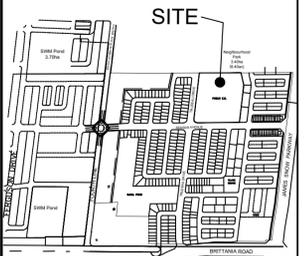
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AA	CD	AK
SCALE:	PROJECT NO.:	SHEET NO.:
1:400	2024-008	CV-1
CURRENT ISSUE:	CURRENT REV.:	
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CROSSINGS			
No.	INV UPPER	OBV LOWER	CLEARANCE
C1	STM 192.54	WM 192.00	0.54m
C2	STM 192.84	WM 192.30	0.54m
C3	STM 193.01	WM 192.40	0.61m
C4	STM 191.99	SAN 190.51	1.48m

SANITARY STRUCTURE INFORMATION			
STRUCTURE	STRUCTURE SIZE	STRUCTURE OP/SO	FRAME/GRATE OP/SO
MH98A	1200	701.010	401.010

STORM STRUCTURE INFORMATION			
STRUCTURE	STRUCTURE SIZE	STRUCTURE OP/SO	FRAME/GRATE OP/SO
CB1	600X600	705.010	400.010
CB2	600X600	705.010	400.010
CB3	600X600	705.010	400.010
CBM4	1200	701.010	400.010
CBMH19	1200	701.010	400.010
CB8	600X600	705.010	400.010
CBMH9	1200	701.010	400.010
CBMH10	1500	701.011	400.010
CBMH11	1200	701.010	400.010
CB13	600X600	705.010	400.010
CBMH14	1800	701.012	400.010
CBMH15	1200	701.010	400.010
MH16	1500	701.011	401.010
CBMH15	1200	701.010	400.010
CBMH16	1200	701.010	400.010
CBMH17	1200	701.010	400.010
CBMH18	1200	701.010	400.010
CBMH19	1500	701.011	400.010
CBMH20	1200	701.010	400.010
MH21	1200	701.010	401.010
CBMH22	1200	701.010	400.010
MH23	1200	701.010	401.010
MH24	1200	701.010	401.010
DICBMH1	EX.1800	EX.701.012	401.010 (NEW)



No.	DATE	DRAWING ISSUE DESCRIPTION
1.	MAR. 07 2025	ISSUED FOR SPA SUBMISSION
2.	MAR. 20 2025	REVISED PER SCS & SUNIAL COMMENTS - SWITCHGEAR ADDED
3.	MAR. 20 2025	ISSUED FOR PERMIT
4.	AUG. 29 2025	ISSUED FOR SPA
5.	SEPT. 23 2025	ISSUED FOR PERMIT
6.	JAN. 26 2026	ISSUED FOR TENDER
7.	JAN. 26 2026	ISSUED FOR SPA
8.	FEB. 03 2026	ISSUED FOR TENDER

- LEGEND**
- PROPERTY BOUNDARY
 - PROPOSED STORM
 - PROPOSED MANHOLE
 - PROPOSED AREA DRAIN
 - PROPOSED CATCH BASIN MANHOLE
 - PROPOSED DOUBLE CATCH BASIN
 - PROPOSED CURB CUT
 - PROPOSED ELEVATION
 - MATCH EXISTING ELEVATION
 - PROPOSED SLOPE
 - PROPOSED MAXIMUM 3:1 SLOPE
 - EXISTING WATER VALVE
 - EXISTING FIRE HYDRANT
 - EXISTING ANCHOR POINT
 - EXISTING UTILITY/Traffic LIGHT
 - EXISTING HAND WELL
 - EXISTING OVERHEAD UTILITY WIRES
 - EXISTING MAINTENANCE HOLE
 - EXISTING CATCH BASIN
 - EXISTING TERMINAL BOX
 - EXISTING WELL CAP
 - EXISTING PATIO STONES
 - EXISTING MONITORING WELL
 - EXISTING TREE

NOTE:
CONTRACTOR TO CONTACT MCM CONSULTING INC. IMMEDIATELY SHOULD THERE BE ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND PROPOSED GRADING AND/OR SERVING DESIGN, OR CONFLICTS IN CONSTRUCTING THE WORK AS PER THE INTENT OF THE APPROVED DESIGN PRIOR TO CONSTRUCTION.

- NOTE:**
- ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER TO SATISFACTION OF THE MUNICIPALITY AND MGM CONSULTING INC.
 - CONTRACTOR TO LOCATE AND PROTECT ALL EXISTING SERVICES AND UTILITIES PRIOR TO AND DURING CONSTRUCTION
 - CONTRACTOR TO LOCATE AND CONFIRM ALL EXISTING UTILITIES AND SERVICE INFORMATION PRIOR TO CONSTRUCTION
 - CONTRACTOR TO ENSURE ADEQUATE CLEARANCE FROM ALL EXISTING SERVICES AND UTILITIES
 - CONTRACTOR TO CONFIRM ALL EXISTING INVERTS PRIOR TO INTERNAL SERVING.
 - NO CONSTRUCTION IS TAKING PLACE ON ADJACENT PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE RESPECTIVE LAND OWNER
 - PRIOR TO THE COMMENCEMENT OF ANY WORK ON THE SITE, SILT FENCE IS TO BE INSTALLED ON THE PERIMETER OF THE PROPERTY AND AT LOCATIONS AS DETERMINED BY APPROVED DWG DRAWINGS. AND THE SILT FENCE SHALL REMAIN IN PLACE UNTIL SUCH TIME AS OTHERWISE DIRECTED BY DIRECTOR, DEVELOPMENT ENGINEERING
 - PARKING STALL DELINEATION SHALL BE WITH 100mm WIDE WHITE OR YELLOW MARKINGS
 - THE EXISTING BOULEVARD IS TO BE RESTORED IMMEDIATELY FOLLOWING CONSTRUCTION, ANY EXISTING DRIVEWAYS/CURBING WHICH HAVE BEEN REMOVED SHALL BE REPLACED WITH BARRIER CURB AND SOD.

GENERAL NOTES:

- PRIOR TO THE COMMENCEMENT OF ANY WORKS WITHIN THE MUNICIPAL ROAD ALLOWANCE, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE ENGINEERING SERVICES DEPARTMENT, TOWN OF MISSISSAUGA, FOR THE PURPOSES OF SERVING EXCAVATIONS WITHIN THE MUNICIPAL ROAD ALLOWANCE (ROAD OCCUPANCY PERMIT)
- SILT CONTROLS ARE TO BE IN PLACE PRIOR TO START OF SITE WORKS, AND BE MAINTAINED FOR THE DURATION OF CONSTRUCTION
- ALL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY AND A SUFFICIENT NUMBER OF TESTS BE UNDERTAKEN TO THE SATISFACTION OF THE COMMISSIONER OF ENGINEERING SERVICES
- IN THE EVENT THAT ARCHAEOLOGICAL REMAINS ARE FOUND DURING SUBSEQUENT CONSTRUCTION ACTIVITIES, THE OWNER APPROVAL AUTHORITY AND THE CULTURAL PROGRAMS UNIT OF THE MINISTRY OF TOURISM CULTURE SHOULD BE NOTIFIED IMMEDIATELY.
- CCTV INSPECTION TO BE PROVIDED FOLLOWING THE CONSTRUCTION FOR REVIEW AND RECORD. FLUSHING TO BE COMPLETED PRIOR TO POST CCTV INSPECTION.

REGIONAL APPROVAL
REGIONAL DESIGN OF WATER &/OR WASTEWATER SERVICES APPROVED SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO MILTON REGION STANDARDS & SPECIFICATIONS & LOCAL APPROVAL FROM AREA MUNICIPALITY.

SIGNED: _____ DATED: _____
INFRASTRUCTURE PLANNING AND POLICY

The Applicant should be aware that the approval of the water system on private property is the responsibility of the Local Municipality. Repairs, the Applicant must ensure that the Region of Halton's standards and specifications are met. (The Water & Wastewater linear design manual may be obtained thru the Date Management Group at 905-825-6032) Furthermore, all water quality tests must be completed to the Region of Halton's satisfaction, before the water supply can be turned on.

BENCHMARK:
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AVAILABLE SERVING INFORMATION TO SUPPORT THE SITE DEVELOPMENT IS BASED ON THE PLAN & PROFILE CREATE FOR SEAGER AVENUE WITHIN THE SUBDIVISION BY SCS CONSULTING GROUP LTD.



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CLIENT:

Strategy 4
Development Consulting
Urban Transformation
Urban Design
Urban Works
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PROJECT:
MILTON #13
PUBLIC ELEMENTARY SCHOOL
1345 TRUDEAU DRIVE, MILTON, ON

DRAWING:
SITE PLAN FILE NO. SP-1925

DRAWN BY:	CHECKED BY:	JOB CAPTAIN:
AA	CD	JB
SCALE:	PROJECT NO.:	SHEET NO.:
1:400	2024-008	CV-2
CURRENT ISSUE:	CURRENT REV.:	
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NOTE:
ALL DISTURBED AREA SHALL BE RESTORED TO EXISTING CONDITION OR BETTER. RE-REPAVEMENT STRUCTURE TO BE C/W LAPJOINT. REFER TO ADDITIONAL NOTES FOR SITE GRADING & SERVING ON CV-3

CONSTRUCTION NOTES AND SPECIFICATIONS:

- PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST:
 - CHECK AND VERIFY ALL EXISTING CONDITIONS, LOCATIONS AND ELEVATIONS WHICH INCLUDES BUT NOT LIMITED TO THE BENCHMARK ELEVATIONS, EXISTING SERVICE CONNECTIONS AND EXISTING INVERTS. REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO PROCEEDING.
 - OBTAIN ALL UTILITY LOCATES AND REQUIRED PERMITS AND LICENSES.
 - VERIFY THAT THE FINISHED FLOOR ELEVATIONS AND BASEMENT FLOOR ELEVATIONS (WHICH MAY APPEAR ON THE PLAN) COMPLY WITH THE FINAL ARCHITECTURAL DRAWINGS.
 - CONFIRM ALL DRAWINGS USED FOR CONSTRUCTION ARE OF THE MOST RECENT REVISION.
- THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO EXISTING WORKS
- ALL UNDERGROUND SERVICES ARE TO BE CONSTRUCTED IN FULL COMPLIANCE WITH ONTARIO PROVINCIAL BUILDING CODE (PART 7, PLUMBING) AND THE REQUIREMENTS OF THE TOWN OF MILTON AND THE REGIONAL MUNICIPALITY OF HALTON; WHICH CODES AND REGULATIONS SHALL SUPERSEDE ALL OTHERS.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING ENGINEER 48 HOURS PRIOR TO COMMENCING WORK TO ARRANGE FOR INSPECTION. ENGINEER TO DETERMINE DEGREE OF INSPECTION AND TESTING REQUIRED FOR CERTIFICATION OF UNDERGROUND SERVICES INSTALLATION AS MANDATED BY ONTARIO BUILDING CODE, VISION C, PART 1 SECTION 2.2.2. GENERAL REVIEW. FAILURE TO NOTIFY ENGINEER WILL RESULT IN EXTENSIVE POST CONSTRUCTION INSPECTION AT CONTRACTOR'S EXPENSE.
- SITE SERVICING CONTRACTOR TO TERMINATE ALL SERVICES 1.0 METRES FROM FOUNDATION WALL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD INCLUDING THE SUPPLY, INSTALLATION AND REMOVAL OF ALL NECESSARY SIGNALS, DELINEATORS, MARKERS AND BARRIERS. ALL SIGNS, ETC. SHALL CONFORM TO THE STANDARDS OF THE LOCAL MUNICIPALITY AND THE MTO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
- THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM
- ALL REMOVALS SHALL BE IN ACCORDANCE WITH OPSS 510. ALL REMOVED MATERIALS SHALL BE DISPOSED OFF SITE.
- SILTATION CONTROL SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
- ALL GRADING WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH OPSS 206.
- THE CONTRACTOR TO NOTIFY ENGINEER PRIOR TO SAWCUTTING EXISTING ASPHALT FOR CONFIRMATION OF POSITIVE DRAINAGE
- ALL GRANULAR MATERIAL SHALL CONFORM TO OPSS 1010, AND BE INSTALLED IN ACCORDANCE WITH OPSS 314.
- ALL ASPHALT MATERIALS SHALL BE IN ACCORDANCE WITH OPSS 1101 AND BE INSTALLED IN ACCORDANCE WITH OPSS 310.
- CONCRETE SHALL BE IN ACCORDANCE WITH OPSS 1350 AND HAVE MINIMUM COMPRESSIVE STRENGTH OF 30MPA AFTER 28 DAYS.
- SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH OPSS 410. TRENCH BACKFILL TO BE APPROVED NATIVE MATERIAL.
- CATCHBASIN AND MANHOLE ADJACENT SHALL BE COMPLETED IN ACCORDANCE WITH OPSS 408.
- ALL DISTURBED GRASSED AREAS ARE TO BE RESTORED WITH 150MM DEPTH TOPSOIL AND SOD.
- TOPSOIL SHALL BE IN ACCORDANCE WITH OPSS 570 AND SOD IN ACCORDANCE WITH OPSS 571.

NOTE:
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NOTE:

- ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER TO SATISFACTION OF THE MUNICIPALITY AND MGM CONSULTING INC.
- CONTRACTOR TO LOCATE AND PROTECT ALL EXISTING SERVICES AND UTILITIES PRIOR TO AND DURING CONSTRUCTION
- CONTRACTOR TO LOCATE AND CONFIRM ALL EXISTING UTILITIES AND SERVICE INFORMATION PRIOR CONSTRUCTION
- CONTRACTOR TO ENSURE ADEQUATE CLEARANCE FROM ALL EXISTING SERVICES AND UTILITIES
- CONTRACTOR TO CONFIRM ALL EXISTING INVERTS PRIOR TO INTERNAL SERVICING.
- NO CONSTRUCTION IS TAKING PLACE ON ADJACENT PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE RESPECTIVE LAND OWNER
- PRIOR TO THE COMMENCEMENT OF ANY WORK ON THE SITE, SILT FENCE IS TO BE INSTALLED ON THE PERIMETER OF THE PROPERTY AND AT LOCATIONS AS DETERMINED BY THE SENIOR MANAGER, DEVELOPMENT ENGINEERING, AND SILT FENCE SHALL REMAIN IN PLACE UNTIL SUCH TIME AS OTHERWISE DIRECTED BY THE SENIOR MANAGER, DEVELOPMENT ENGINEERING
- PARKING STALL DELINEATION SHALL BE WITH 100mm WIDE WHITE OR YELLOW MARKINGS
- THE EXISTING BOULEVARD IS TO BE RESTORED IMMEDIATELY FOLLOWING CONSTRUCTION, ANY EXISTING DRIVEWAYS/CURBING WHICH HAVE BEEN REMOVED SHALL BE REPLACED WITH BARRIER CURB AND SOD.

GRADING NOTES:

- SILT CONTROLS ARE TO BE IN PLACE PRIOR TO THE START OF SITE WORKS, AND BE MAINTAINED FOR THE DURATION OF CONSTRUCTION OF GRADES AT PROPERTY LINE.
- MATCH TO EXISTING GRADES AT PROPERTY LINE.
- PROPOSED CONCRETE BARRIER CURB AS PER OPSD 600.110.
- PROPOSED CONCRETE CURB AND GUTTER AS PER OPSD 600.044
- PAVEMENT STRUCTURES TO BE CONSTRUCTED AS PER RECOMMENDATION IN GEOTECHNICAL REPORT COMPLETED BY FORWARD ENGINEERING & ASSOCIATES INC., DATED MAY 12, 2022, REFERENCE NO. 66878

SANITARY SEWERS

- ALL SEWERS SHALL BE CONSTRUCTED WITH O.P.S.D. 802.03 CLASS B BEDDING UNLESS SPECIFIED OTHERWISE.
- ALL EXISTING MANHOLE TOPS TO BE ADJUSTED TO FINISHED GRADE OR BASE ASPHALT WHERE REQUIRED.
- ALL MATERIALS USED IN THE CONSTRUCTION OF ROADS SHALL BE IN ACCORDANCE WITH REGION.
- PSM PVC PIPES AND GASKETS SHALL CONFORM TO THE REQUIREMENTS OF CSA B182.2, O.P.S.S. 1841, O.P.S.D. 806.040 AND O.P.S.D. 806.06.
- BENCHING TO BE TO OVERTOP OF PIPE
- SAFETY GRATES ARE NOT REQUIRED ON MANHOLES LESS THAN 10M DEEP.
- TRENCH PLUGS TO BE INSTALLED EVERY 50-100M.
- WATER TIGHT, LOCKING MANHOLE COVERS ARE REQUIRED ON ALL SANITARY SEWERS LOCATED IN EASEMENT.

SERVICING NOTES:

- CONTRACTOR TO CONFIRM ALL EXISTING INVERTS PRIOR TO INTERNAL SERVICING.
- ALL SEWERS AND DRAINAGE APPURTENANCES, MATERIALS AND INSTALLATION TO BE IN ACCORDANCE WITH OPSS 410.
- ALL STORM SEWERS UP TO 525mm IN DIAMETER ARE TO BE PVC DR35 OR HDPE
- ALL STORM SEWERS OVER 525mm IN DIAMETER ARE TO BE CONCRETE CLASS 650
- ALL SANITARY SEWERS ARE TO BE PVC DR35
- EMBEDMENT AND BACKFILL FOR PVC OR HDPE SEWERS SHALL BE AS PER OPSD 802.020

EROSION & SEDIMENT CONTROL NOTES:

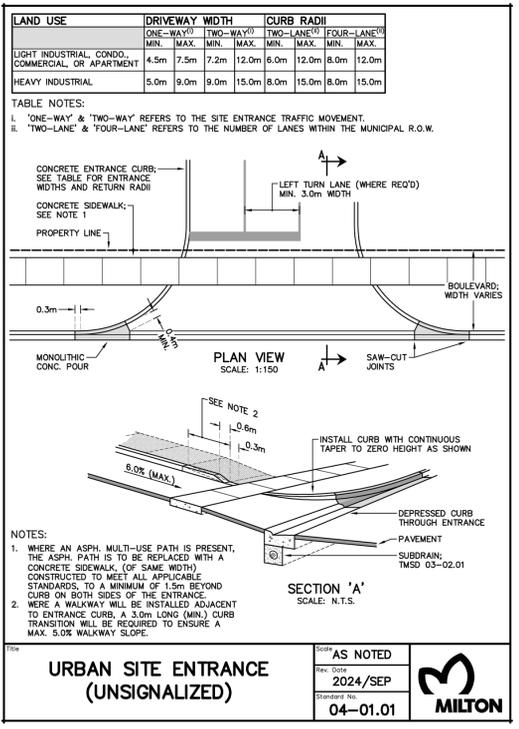
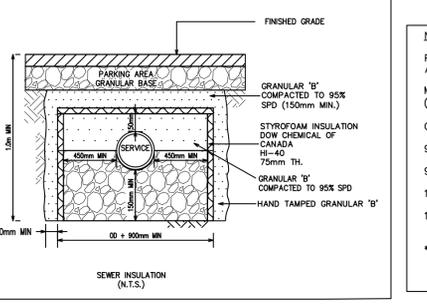
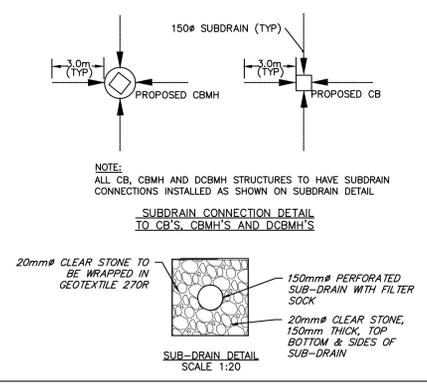
- PRIOR TO THE COMMENCEMENT OF ANY WORKS ON THE SITE, TEMP. FENCE IS TO BE INSTALLED ON THE PERIMETER OF THE PROPERTY AND AT ALL LOCATIONS AS SHOWN ON THE APPROVED ENGINEERING DRAWINGS. THE TEMP. FENCING SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA HAS BEEN PERMANENTLY STABILIZED, AND CONSTRUCTION ACTIVITY HAS CEASED.
- SILT CONTROLS ARE TO BE IN PLACE PRIOR TO THE START OF SITE WORKS, AND BE MAINTAINED FOR THE DURATION OF CONSTRUCTION
- ALL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY AND THAT A SUFFICIENT NUMBER OF TEST ARE UNDERTAKEN TO THE SATISFACTION OF THE DIRECTOR OF ENGINEERING SERVICES

STORM SEWERS

- MINIMUM PVC PIPE SIZE 525mm OR LESS SHALL BE AS PER SDR 35 CSA B182.2-06 CERTIFIED ASTM D3034-04q, F679/D3.1. SERVICE CONNECTION PVC PIPE TO BE AS PER SDR 28 CSA B182.2-06 CERTIFIED ASTM D3034-04q, WHERE RIB PIPE IS USED, HIGH PERFORMANCE STONE MUST BE USED FOR BOTH BEDDING AND COVER MATERIAL.
- RIB PIPE SEWER NOT TO BE USED IN TOWN OF MILTON R.O.W
- FOUNDATION DRAIN COLLECTORS SHALL BE A MINIMUM OF 150mm IN DIAMETER SINGLE PRE-CAST SHALL BE INSTALLED PER OPSD 705.01, DOUBLE PRE-CAST CATCH BASINS PER OPSD 705.02. SINGLE CATCHBASIN CONNECTIONS SHALL BE 250mm IN DIAMETER AT 1.0% MINIMUM. DOUBLE CATCH BASIN LEADS SHALL BE 300mm IN DIAMETER CSA-A257.1 AT 1.0% MINIMUM. FIRST JOINT OUT OF A CATCH BASIN IS TO HAVE A CONCRETE CRADLE IF CONCRETE PIPE IS USED, OR A FLEXIBLE JOINT, IF PVC PIPE IS USED. CATCHBASINS TO HAVE A COMPLETE GRANULAR BACKFILL.
- NON-REINFORCED CONCRETE PIPE 150mm TO 250mm SHALL BE AS PER CSA A257.1-03 CLASS 3. HEIGHT OF FILL TO BE VERIFIED USING OPSD TABLES 807.040.
- OPSS 802.010, 802.030, 802.031 AND 802.032 ARE MODIFIED SO THE EMBEDMENT BEDDING AND COVER MATERIAL IS GRANULAR 'A' OR OTHER MATERIAL APPROVED BY THE TOWN.
- FILTER FABRIC TO BE PLACED IN ALL STREET CATCHBASINS. SILT STRAPS ARE TO BE CLEANED REGULARLY AND INSPECTED AFTER EACH RAINFALL BY THE CONTRACTOR AND ARE NOT TO BE REMOVED UNTIL SUCH TIME AS THE CURBS ARE CONSTRUCTED AND BOULEVARDS ARE SODDED OR BACKYARDS ARE GRADED AND SODDED. SEDIMENT TO BE REMOVED AND FILTER CLOTH TO BE REPLACED AS NECESSARY.
- MANHOLES ARE TO BE CONSTRUCTED AS PER OPSS AND STRUCTURES AS PER OPSD, AS AMENDED BY THE REGION OF HALTON AND CAN/CSZ A-257. FRAMES AND GRATES TO CONFORM TO OPSD 401.01 (TYPE B) STAMP WITH 'STORM'. MANHOLES ARE TO BE BACKFILLED WITH MINIMUM 1.0m OF COMPACTED GRANULAR BACKFILL AROUND MANHOLE. BENCHING AS PER OPSD 701.021. ORIFICE PLATE TO BE STAINLESS STEEL.

WATERMAIN

- WATERMANS 150mm Ø TO 300mm Ø TO BE P.V.C. CL150 (DR-18) WITH GASKETED JOINTS. WATERMANS 400-800mm Ø TO BE C.P.P. AWMA C-301 CLASS 18 WITH GASKETED JOINTS OR P.V.C. CL150 (DR-18) WITH GASKETED JOINTS.
- MINIMUM 150mm Ø SERVICE CONNECTION FOR INDUSTRIAL/COMMERCIAL LOTS.
- A MIN. HORIZONTAL SEPARATION OF 2.5m AND A MIN. VERTICAL SEPARATION OF 0.15m BETWEEN WATERMANS AND SEWERS MUST BE MAINTAINED IF WATERMAIN IS ABOVE SEWER OR 0.50m IF SEWER ABOVE WATERMAIN.
- WATERMAIN BEDDING TO BE SUITABLE GRANULAR BEDDING MATERIAL AS PER O.P.S.D. 802.030, 802.031, 802.032, AND 802.033 REV. 41
- "HIGH PERFORMANCE BACKFILL" MATERIAL TO BE USED AT FULL WIDTH AND DEPTH OF THE TRENCH CROSSING R.R.25 UP TO MINIMUM 150mm (6") BELOW THE ASPHALT SUBBASE, COMPACTED TO 100% PROCTOR DENSITY.
- MINIMUM 150mm (6") OF GRANULAR "A" BACKFILL MATERIAL TO BE USED AS A CAP ON TOP OF "HIGH PERFORMANCE BACKFILL" TO THE ASPHALT SUBBASE, COMPACTED TO 100% PROCTOR DENSITY.
- ALL HYDRANTS AS PER O.P.S.D. 1105.01 TO HAVE STEAMER CONNECTIONS.

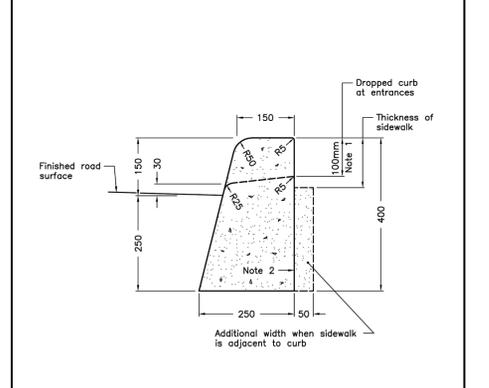
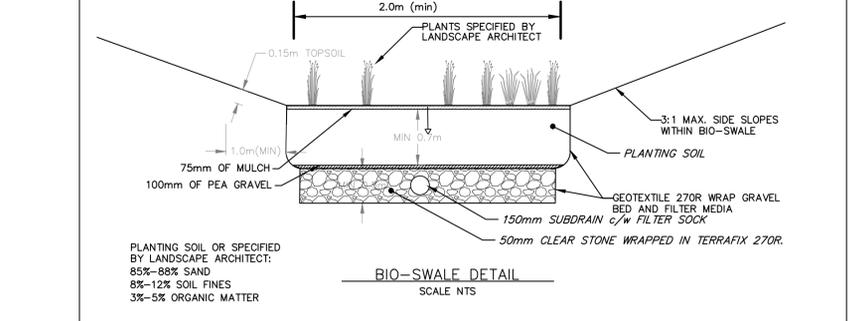


NOTE:
PAVEMENT STRUCTURE TO BE CONFIRMED BY GEOTECHNICAL ENGINEER. SUB-GRADE WITHIN PROPOSED ASPHALT AREA IS TO BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING GRANULAR.

MINIMUM PAVEMENT REQUIREMENTS ARE AS FOLLOWS.
(PER SOIL ENGINEERS LTD. GEOTECHNICAL REPORT, REF NO. 2509-5167, DATED JANUARY, 2026)

COMPACTION REQUIREMENTS(MINIMUM)	LIGHT DUTY ASPHALT	HEAVY DUTY ASPHALT
92% MAX. RELATIVE DENSITY	40mm HL3 SURFACE ASPHALT	40mm HL3 SURFACE ASPHALT
92% MAX. RELATIVE DENSITY	50mm HL8 BASE ASPHALT	80mm HL8 BASE ASPHALT
100% SPMD0*	150mm GRANULAR A	150mm GRANULAR A
100% SPMD0*	300mm GRANULAR B TYPE II	450mm GRANULAR B TYPE II

* DENOTES STANDARD PROCTOR MAXIMUM DRY DENSITY, ASTM-6989

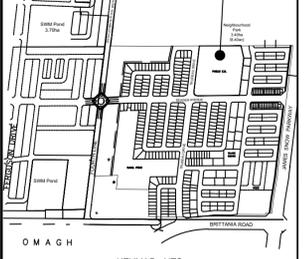
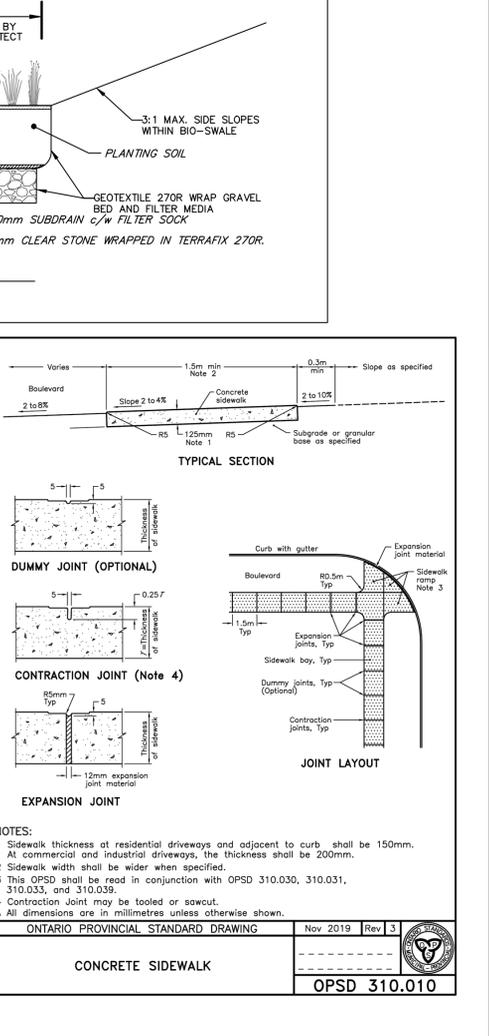


NOTE:
1 When sidewalk is continuously adjacent, the dropped curb at entrances shall be reduced to 75mm.
2 For sloping procedure a 5% better is acceptable.
A Treatment at entrances shall be according to OPSD 351.010.
B Outlet treatment shall be according to the OPSD 610 Series.
C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail where it shall be according to the OPSD 900 Series.
D All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2012 Rev 2

CONCRETE BARRIER CURB

OPSD 600.110



No.	DATE	DRAWING ISSUE DESCRIPTION
1.	MAR. 07 2025	ISSUED FOR SPA SUBMISSION
2.	MAR. 20 2025	REVISED PER SCS & SUNDAL COMMENTS - SWITCHGEAR ADDED
3.	MAR. 20 2025	ISSUED FOR PERMIT
4.	AUG. 29 2025	ISSUED FOR SPA
5.	SEPT. 23 2025	REISSUED FOR PERMIT
6.	JAN. 26 2026	ISSUED FOR TENDER
7.	JAN. 26 2026	ISSUED FOR SPA
8.	FEB. 03 2026	ISSUED FOR TENDER

LEGEND

BENCHMARK:
EXISTING SITE TOPOGRAPHIC SURVEY INFORMATION IS NOT AVAILABLE AT THE TIME. BASE SITE CONDITION IS BASED ON THE GRADING PLAN COMPLETED FOR THE SUBDIVISION BY SCS CONSULTING GROUP LTD.

AVAILABLE SERVICING INFORMATION TO SUPPORT THE SITE DEVELOPMENT IS BASED ON THE PLAN & PROFILE CREATE FOR SEAGER AVENUE WITHIN THE SUBDIVISION BY SCS CONSULTING GROUP LTD.

CONSULTANTS:

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Consulting Engineering & Project Management
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www.mgm.on.ca

CLIENT:

MILTON #13 PUBLIC ELEMENTARY SCHOOL
1345 TRUDEAU DRIVE, MILTON, ON

DRAWING:

DETAILS PLAN

SITE PLAN FILE NO: SP-13125

DRAWN BY:	CHECKED BY:	JOB CAPTAIN:
AA	CD	JB

SCALE:	PROJECT NO.:	SHEET NO.:
1:400	2024-008	CV-3

CURRENT ISSUE:	CURRENT REV.:
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