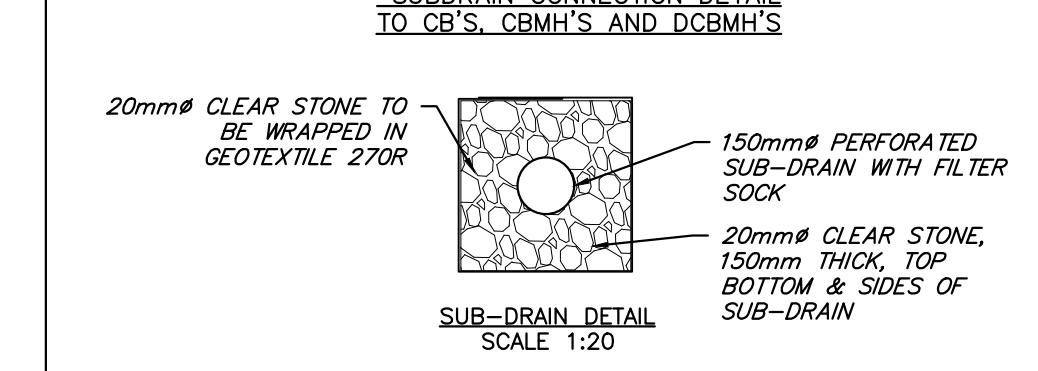
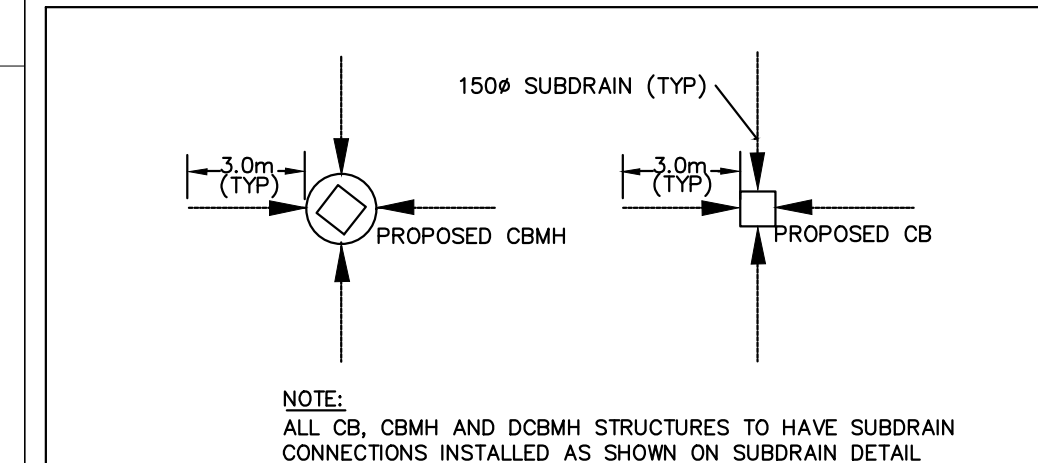
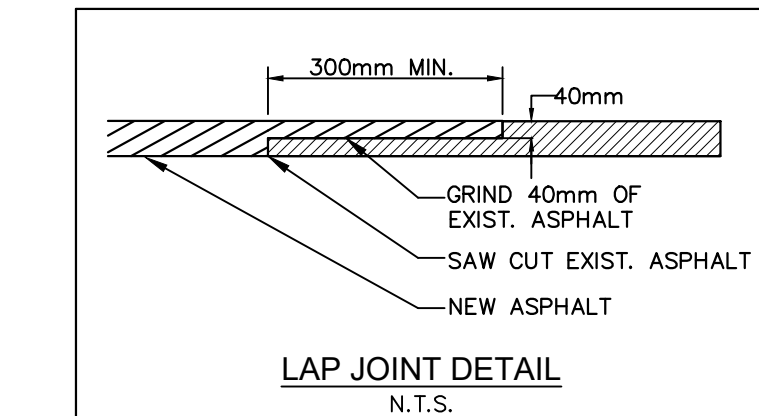


No.	DATE	DRAWING ISSUE DESCRIPTION
1	JUN. 06 2023	ISSUED FOR REZONING

LEGEND

CB	EXISTING CATCH BASIN
ST-MH	EXISTING STORM MANHOLE
S-MH	EXISTING SANITARY MANHOLE
---	EXISTING SANITARY SEWER
---	EXISTING STORM SEWER
---	EXISTING SANITARY SEWER
---	PROPOSED CATCH BASIN
CBM#	PROPOSED CATCHBASIN MANHOLE
MH	PROPOSED STORM MANHOLE
MHA1	PROPOSED SANITARY MANHOLE
WV	PROPOSED WATER VALVE
---	PROPOSED STORM SEWER
---	PROPOSED SANITARY SEWER
---	PROPOSED WATERMAIN

BENCHMARK:
TOPOGRAPHIC SURVEY PROVIDED BY SALMONA DEVELOPMENT CONSULTANTS
SERVICING INFORMATION IS OBTAINED FROM TOWN OF MILTON AS-CONSTRUCTED RECORD PLAN M-3773, SHEET 6 OF 11



NOTE:
CONTRACTOR TO CONTACT MGM CONSULTING INC. IMMEDIATELY SHOULD THERE BE ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND PROPOSED GRADING AND/OR SERVICING 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 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 THE 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 DRIVEWAYS/CURBING WHICH HAVE BEEN REMOVED SHALL BE REPLACED WITH BARRIER CURB AND SOD.

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.

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 OVERT 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.

WATERMAIN

- WATERMAINS 150mm Ø TO 300mm Ø TO BE P.V.C. CL150 (DR-18) WITH GASKETED JOINTS. WATERMAINS 400-900mm Ø TO BE C.P.P. ANWA 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 WATERMAINS 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.
- HYDRANTS AS PER O.P.S.D. 1105.01 TO HAVE STEAMER CONNECTIONS.

STORM SEWERS

- MAIN LINE PVC PIPE SIZE 525mm OR LESS SHALL BE AS PER SDR 35 CSA B182.2-06 CERTIFIED ASTM D3034-04a, F679-03. 1. SERVICE CONNECTION PVC PIPE TO BE AS PER SDR 28 CSA B182.2-06 CERTIFIED ASTM D3034-04a. WHERE RIB PIPE IS USED, HIGH PERFORMANCE BACKFILL 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.
- OPSD 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.

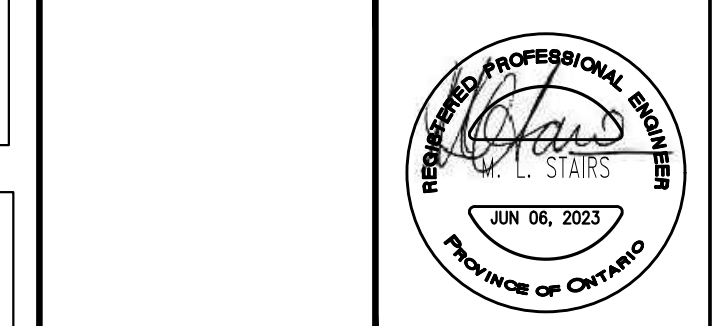
STORM STRUCTURE	OPSD STANDARDS	DWG STANDARD	FRAME/GRATE
MH1	701.010	401.010	
CGS2	1500mm	MODEL EFO4	
CBM#3	701.010	400.010	
CB4	705.010	400.010	
CBM#5	701.010	400.010	
CBM#6	701.010	400.010	
CB7	705.010	400.010	
CBM#8	701.011	401.010	
MH9	701.010	401.010	
MHA1	701.011	401.010	

REGIONAL APPROVAL

REGION DESIGN OF WATER &/OR WASTEWATER SERVICES APPROVED SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATION 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. Regardless, 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 Data 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.



CONSULTANTS:

MGM CONSULTING INC.
Consulting Engineering & Project Management
400 Bronte Street South
Suite 201
Milton, Ontario
L9T 0H7
Tel: (905) 667-9678
Fax: (905) 875-1339
Email: mgm@mgmcon.ca
www.mgmcon.ca

CLIENT:

SALMONA DEVELOPMENT CONSULTANTS

PROJECT:

8584-8604
REGIONAL ROAD 25 MILTON, ONTARIO

DRAWING:

SITE SERVICING PLAN

DRAWN BY:	CHECKED BY:	JOB CAPTAIN:
CD	CD	JB
SCALE:	PROJECT NO.:	DATE:
1:300	2023-021	MAY-2023
CURRENT ISSUE:	CURRENT REV.:	SHEET NO.:
1	0	CV-2