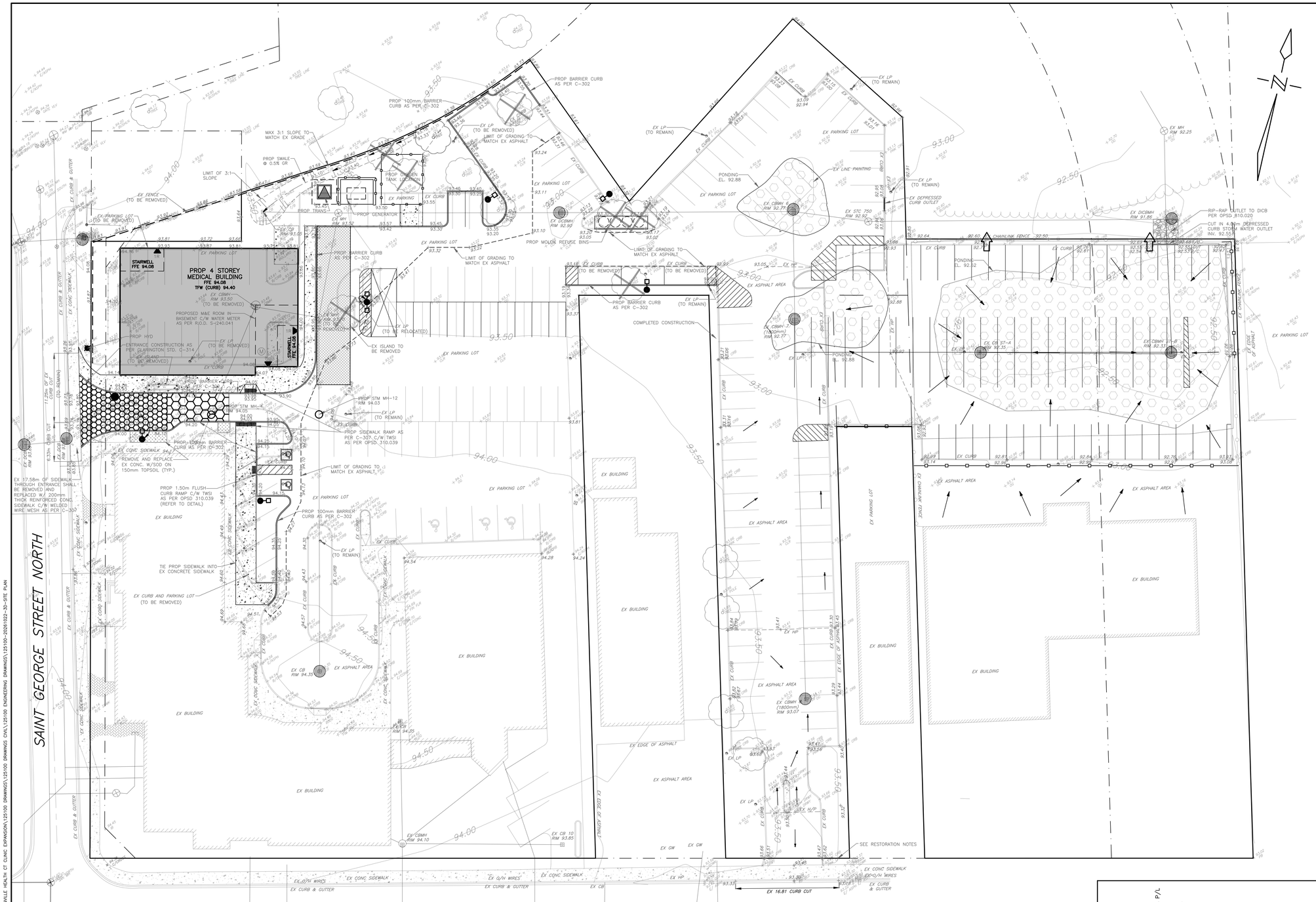
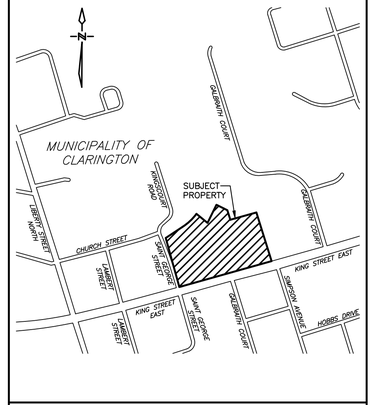




BENCH MARK

TOPOGRAPHIC SURVEY PREPARED BY D.G. BIDDLE & ASSOCIATES. BENCHMARK: BOWMANVILLE – VINCENT MASSEY SCHOOL AT NORTH SIDE OF CHURCH STREET, 0.8km EAST OF POST OFFICE, 60m WEST OF KINGSCOURT ROAD, TABLET IN EAST CONCRETE FOUNDATION WALL, 91cm FROM SOUTHEAST FRONT CORNER, 10cm BELOW BRICK. ELEVATION=95.166m (BENCHMARK #67U032)

DUST CONTROL MEASURES:

A. PRE-GRADING PLANNING

1. THE SITE SERVICING FOR THE SITE SHALL BE SCHEDULED SUCH THAT THE OVERALL TIME THE AREAS ARE LEFT OPEN TO WIND THAT CREATE BLOWING DUST FROM THE EARTHWORK OPERATIONS IS MINIMIZED.
2. THE TOPSOIL STOCKPILE (IF APPLICABLE) SHALL BE STABILIZED WITHIN 30 DAYS OF STOCKPILING MATERIALS IN ACCORDANCE WITH CITY'S CRITERIA. ALL DISTURBED LANDS OUTSIDE THE PHASE OF WORK SHALL BE STABILIZED/VEGETATED.
3. THE CONTRACTOR SHALL APPLY WATER TO HAUL ROADS AND STOCKPILES (IF APPLICABLE) BY WAY OF WATER TRUCK.

B. WATERING (POST GRADING)

4. WITHIN AREAS WHERE EARTHWORKS AND OR UNDERGROUND MUNICIPAL SERVICING IS ON-GOING, WATER IS TO BE UTILIZED AT SUFFICIENT QUANTITY TO PREVENT VISIBLE EMISSIONS FROM EXTENDING MORE THAN 30m FROM THE POINT OF ORIGIN.

C. REDUCE VEHICLE SPEED

5. THE ON-SITE SPEED LIMIT FOR CONSTRUCTION VEHICLES SHALL BE MINIMIZED AND TO BE USED IN CONJUNCTION WITH WATERING TO PREVENT VISIBLE DUST EMISSIONS.

D. RESTRICT ACTIVITIES DURING HIGH WIND PERIODS

6. THE HIGH VISIBILITY OF CERTAIN WORKS AND THE CLOSE PROXIMITY AND POPULATION IMPACT SHOULD BE TAKEN INTO CONSIDERATION WHEN SCHEDULING DUST-PRODUCING WORK. APPROPRIATE DUST CONTROL MEASURES SHALL BE IN PLACE IN SUCH SITUATIONS.

E. ROAD CLEANING

7. SPILLAGE, EROSION OR MATERIALS "TRACKED OUT" ON A ROAD TO BE CLEANED USING MECHANICAL STREET SWEEPERS OR FLUSHER TRUCK AT LEAST BY THE END OF THE WORK DAY. HOWEVER, IF SPILLAGE EXTENDS MORE THAN 15m ALONG A PAVED PUBLIC ROADWAY, IT MUST BE CLEANED UP IMMEDIATELY.
8. IMPORTING AND EXPORTING OF MATERIALS ON AND OFF-SITE WILL BE SHUT DOWN DURING AND FOLLOWING INCLEMENT WEATHER UNTIL THE ROAD SURFACES HAVE BEEN CLEANED.

LEGEND

SILT FENCE

DIRECTION OF OVERLAND FLOW

CATCHBASIN FILTRATION

CONSTRUCTION VEHICLE ACCESS

SEDIMENT CONTROL CONSTRUCTION SCHEDULE

1. INSTALL SILT FENCE AND CONSTRUCTION VEHICLE ACCESS.
2. EXCAVATE PERIMETER SWALES AND SEDIMENT PONDS AS REQUIRED.
3. STRIP SITE OF TOPSOIL AND REMOVE OFF SITE OR STOCK PILE AND PROVIDE ENVIRO FENCE AROUND BOTTOM OF PILE.
4. INSTALL MINOR STORM SEWER SYSTEM ALONG WITH OTHER SERVICES.
5. INSTALL CATCHBASIN FILTRATION ON ALL CATCHBASINS AND CATCHBASIN.
6. SEDIMENT CONTROL MEASURES ARE TO BE MAINTAINED UNTIL ALL AREAS OF THE SITE HAVE BEEN STABILIZED WITH SOD OR ASPHALT.

NO.	SUBMISSION	DATE
5.	ISSUED FOR FIFTH SUBMISSION	OCT/2026
4.	ISSUED FOR FOURTH SUBMISSION	JULY/2026
3.	ISSUED FOR THIRD SUBMISSION	JUNE/2025
2.	ISSUED FOR SECOND SUBMISSION	MAR/2025
1.	ISSUED FOR FIRST SUBMISSION	OCT/2024

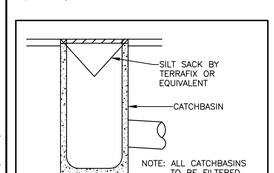
222 KING STREET EAST, BOWMANVILLE

EROSION AND SEDIMENT CONTROL PLAN

D.G. BIDDLE & ASSOCIATES
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Oshawa, Ontario, L1H 1B6
Phone: 905-576-8500
info@dgbiddle.com
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LICENSED PROFESSIONAL ENGINEER
C. J. FLAMMINIO
100544401
OCT 30/2026
PROVINCE OF ONTARIO

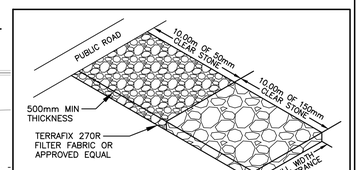
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DESIGNED BY:	B.K.Y.
CHECKED BY:	C.J.F.
PROJECT NO.:	125807
DRAWING NO.:	ES-1



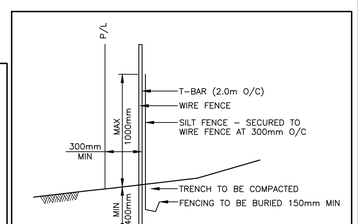
CATCHBASIN FILTRATION DETAIL
NOT TO SCALE

CONTRACTOR NOTES:

1. CONTRACTOR SHALL NOTIFY D.G. BIDDLE & ASSOCIATES A MINIMUM OF 48 HOURS IN ADVANCE OF ANY CONSTRUCTION OF UNDERGROUND SERVICES OR SITE GRADING. WORK COMPLETED WITHOUT REQUIRED INSPECTIONS WILL NOT BE APPROVED OR SIGNED OFF.
2. CONTRACTOR SHALL INITIATE PRE-CONDITION INSPECTION WITH THE MUNICIPALITY PRIOR TO CONSTRUCTION WORKS.



CONSTRUCTION VEHICLE ACCESS DETAIL
NOT TO SCALE



SILT FENCE DETAIL
NOT TO SCALE

KING STREET EAST

30/10/2026
X:\STAFF_JOB FILES\125001\125100 222 KING STREET EAST - BOWMANVILLE HEALTH CT CLINIC EXPANSION\125100 DRAWINGS\125100 DRAWINGS CIVIL\125100 ENGINEERING DRAWINGS\125100-20261022-3D-SITE PLAN