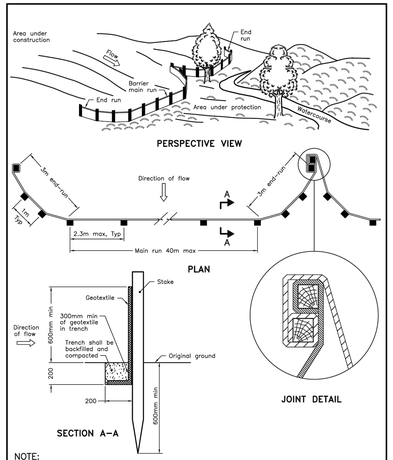
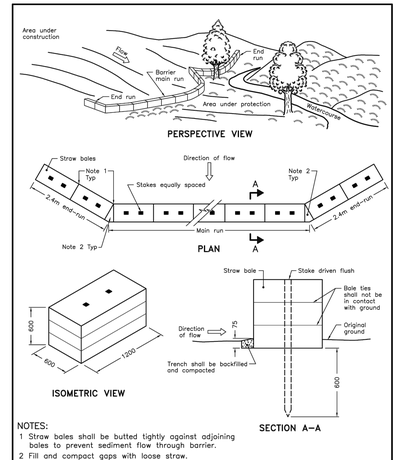
EROSION & SEDIMENT CONTROL NOTES:

1. PROVIDE TEMPORARY DRAINAGE AND PUMPING AS NECESSARY TO KEEP EXCAVATIONS AND SITE FREE FROM WATER. TEMPORARY PUMPING TO BE COMPLETED IN ACCORDANCE WITH OPSS 518 "CONSTRUCTION SPECIFICATIONS FOR CONTROL OF WATER FROM DEWATERING OPERATIONS". DO NOT DISCHARGE WATER CONTAINING SUSPENDED MATERIALS INTO WATERCOURSES, SEWER, OR DRAINAGE SYSTEMS. CONTROLLED DISPOSAL OR RUNOFF WATER CONTAINING SUSPENDED MATERIALS OR OTHER HARMFUL SUBSTANCES MUST BE COMPLETED IN ACCORDANCE WITH FEDERAL, PROVINCIAL, AND MUNICIPAL REQUIREMENTS.
2. WORKS AROUND WATERCOURSE AND WETLANDS SHALL BE COMPLETED IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE CONSERVATION AUTHORITY, MUNICIPAL, PROVINCIAL AND FEDERAL BEST MANAGEMENT PRACTICES. FUELING OPERATIONS SHALL NOT BE CONDUCTED AND FUELING TANK SHALL NOT BE LOCATED WITHIN 30.0M OF A ROADSIDE DITCH, MUNICIPAL DRAIN, NATURAL WATERCOURSE, WETLAND, OR FIELD TILE.
3. INSTALLATION OF TEMPORARY EROSION & SEDIMENT CONTROL MEASURES SHALL BE COMPLETED IN ACCORDANCE WITH THE CITY OF OTTAWA STANDARD AND THE CONTRACT DRAWINGS
4. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TEMPORARY EROSION AND SEDIMENT CONTROL FEATURES THROUGHOUT THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING ALL TEMPORARY EROSION CONTROLS AT MINIMUM ON A WEEKLY BASIS, AFTER EACH RAINFALL, AND AT LEAST DAILY DURING PROLONGED RAINFALL. CONTRACTOR SHALL CLEAR ACCUMULATED SEDIMENT WHEN 50% CAPACITY IS REACHED. SILT FENCES ARE TO BE INSTALLED WHERE SHOWN ON PLAN. STRAW BALES SHALL BE INSTALLED WHERE SHOWN ON PLAN, AND WHERE FLOW IS CHANNELED IN A PARTICULAR DIRECTION TO THE RECEIVING COURSE OR WHERE WARRANTED. SILT FENCE SHALL NOT BE PERMITTED IN AREAS OF STANDING WATER.
5. IF A DEFICIENCY OR DAMAGE TO ANY EROSION OR SEDIMENT CONTROL MECHANISMS IS FOUND, THE CONTRACTOR IS TO ALERT ENGINEER IMMEDIATELY, AND CONTRACTOR IS TO UNDERTAKE REPAIR AS SOON AS FEASIBLE.
6. TEMPORARY CONSTRUCTION ENTRANCE TO PRIVATE ROAD. CONSTRUCTION ENTRANCE TO CONSIST OF A PRE FABRICATED "FODS TRACKOUT CONTROL MAT" OR EQUIVALENT PRE-FABRICATED CONSTRUCTION ENTRANCE MUD MAT SYSTEM TO BE INSTALLED UNTIL GRANULAR BASE IN NEW PARKING AREAS IS IN PLACE. IF THE CONSTRUCTION ENTRANCE DOES NOT SUFFICIENTLY PREVENT SEDIMENT FROM BEING TRACKED ONTO ADJACENT ROADWAYS, A WHEEL WASH MAY BE REQUIRED.
7. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
8. TO PREVENT SURFACE EROSION FROM ENTERING ANY STORM SEWER SYSTEM DURING CONSTRUCTION, FILTER BAGS WILL BE PLACED UNDER GRATES OF AFFECTED NEARBY CATCHBASINS AND STRUCTURES.
9. TO LIMIT EROSION: MINIMIZE THE AMOUNT OF EXPOSED SOILS AT ANY GIVEN TIME, RE-VEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE AND PROTECT EXPOSED SLOPES WITH NATURAL OR SYNTHETIC MULCHES.
10. FOR MATERIAL STOCKPILING: MINIMIZE THE AMOUNT OF EXPOSED MATERIALS AT ANY GIVEN TIME; APPLY TEMPORARY SEEDING, TARPS, COMPACTION AND/OR SURFACE ROUGHENING AS REQUIRED TO STABILIZE STOCKPILED MATERIALS THAT WILL NOT BE USED WITHIN 14 DAYS.
11. THE SEDIMENT CONTROL MEASURES SHALL ONLY BE REMOVED WHEN, IN THE OPINION OF THE ENGINEER, THE MEASURES ARE NO LONGER REQUIRED. NO CONTROL MEASURES MAY BE PERMANENTLY REMOVED WITHOUT PRIOR AUTHORIZATION FROM THE ENGINEER.
12. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE ENGINEER ANY ACCIDENTAL DISCHARGES OF SEDIMENT MATERIAL INTO ANY STORM SEWER SYSTEM. APPROPRIATE RESPONSE MEASURES, INCLUDING ANY REPAIRS TO EXISTING CONTROL MEASURES OR THE IMPLEMENTATION OF ADDITIONAL CONTROL MEASURES, SHALL BE CARRIED OUT BY THE CONTRACTOR WITHOUT DELAY.
13. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
14. ROADWAYS ARE TO BE SWEPT AS REQUIRED OR AS DIRECTED BY THE ENGINEER AND/OR THE MUNICIPALITY.
15. THE CONTRACTOR SHALL ENSURE PROPER DUST CONTROL IS PROVIDED WITH THE APPLICATION OF WATER (AND IF REQUIRED, CALCIUM CHLORIDE) DURING DRY PERIODS. MONITOR DUST LEVELS DURING SITE PREPARATION/EXCAVATION, AND CONSTRUCTION ACTIVITIES, AND WHEN DUST LEVELS BECOME VISUALLY APPARENT SPRAY WATER TO MINIMIZE THE RELEASE OF DUST FROM GRAVEL, PAVED AREAS AND EXPOSED SOILS. USE CHEMICAL DUST SUPPRESSANTS ONLY WHERE NECESSARY ON PROBLEM AREAS.



NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2021	Rev. 3
LIGHT–DUTY SILT FENCE BARRIER		OPSD 219.110



NOTES:
1 Straw bales shall be butted tightly against adjoining bales to prevent sediment flow through barrier.
2 Fill and compact gaps with loose straw.
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2021	Rev. 3
LIGHT–DUTY STRAW BALE BARRIER		OPSD 219.100

SITE LEGEND:

- + 00.00 - EXIST. GRADE ELEVATION
- 00.00 - PROPOSED GRADE ELEVATION
- (00.00) - PROPOSED DITCH ELEVATION
- ——— - FLOW / DIRECTION
- —— H —— - HYDRO
- —— STM —— - STORM PIPE
- —— SAN —— - SANITARY PIPE
- —— W —— - WATER LINE
- —— G —— - GAS LINE
- —— B —— - BELL LINE
- —— X —— - FENCE
- M.H. - MAN HOLE
- H.P. - HYDRO POLE
- LS - LIGHT STANDARD
- F.H. - FIRE HYDRANT
- C.B. - CATCH BASIN
- D.I. - DITCH INLET
- - ACCESS / ENTRANCE
- - WATER LINE CURB STOP
- - SOD / GRASS / LANDSCAPE
- - EXISTING GRAVEL
- #1 - DENOTES REVISION NUMBER

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THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND SHALL REPORT ANY DISCREPANCY TO TaskForce Engineering Inc. BEFORE PROCEEDING WITH ANY WORK.

SITE PLAN NOTES:

1. ALL DIMENSIONS & NOTES MUST BE VERIFIED ON JOB SITE BY CONTRACTOR. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER.
2. ALL UNDERGROUND WORK AND ABOVE GROUND WORK TO BE DONE IN ACCORDANCE WITH CURRENT CITY PLANS, STANDARDS & SPECS.
3. THE OWNER COVENANTS & AGREES NOT TO MAKE A MATERIAL CHANGE OR CAUSE A MATERIAL CHANGE TO BE MADE TO A PLAN, SPECIFICATION, DOCUMENT OR OTHER INFORMATION, ON THE BASIS OF WHICH THIS DRAWING WAS APPROVED BY THE CITY, WITHOUT NOTIFYING, FILING DETAILS WITH AND OBTAINING THE WRITTEN AUTHORIZATION OF THE CITY.
4. EXISTING ASPHALT:

   HEAVY DUTY ASPHALT:
   - 50mm HL3
   - 40mm HL8
   - 150mm (6") GRANULAR 'A', TYPE II
   - 300mm (12") GRANULAR 'B', TYPE I
5. ALL GRANULAR MATERIAL SHALL BE PLACED IN 300mm LIFTS AND COMPACTED TO 100% STANDARD PROCTOR.
6. INSTALL CONCRETE SIDEWALKS IN ACCORDANCE WITH OPSD-308.03 AND OPSD-303.04 FOR SIDEWALK RAMP.
7. SILT FENCE AS REQUIRED PER OPSD 219.110
8. GRASSED AREAS SHALL BE SOD AND 4" MINIMUM TOPSOIL. HYDROSEED FOR SLOPES EXCEEDING 4:1 SOD & STAKE.
9. CONTRACTOR SHALL OBTAIN A R.O.W. WORK PERMIT FROM THE CITY OF QUINTE WEST PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL ROAD ALLOWANCE.
10. UTILITY CUTS WITHIN THE MUNICIPAL ROAD ALLOWANCE TO BE RESTORED USING HEAVY DUTY ASPHALT STANDARDS.
11. CONNECTION OF ALL SANITARY AND STORM SEWERS TO CONFORM TO OPSD-1006.010
12. NO LIGHTING WILL BE DIRECTED ONTO ADJACENT PROPERTIES BUT WILL ONLY BE DIRECTED ONTO THE SUBJECT LANDS
13. ALL CURBING IN ACCORDANCE WITH OPSD - 600.110
14. BARRIER FREE SIGNAGE FOR PARKING AREA TO BE IN ACCORDANCE WITH OBC 3.8.3.1 (1)

OPSD REFERENCES

1. RIGID PIPE BEDDING, COVER AND BACKFILL OPSD - 802.030
   EXCEPT a) USE "CLASS B-BEDDING" DETAIL ONLY FOR ALL PIPE BEDDING. DELETE "CLASS C" - BEDDING" DETAIL.
   b) THE "GRANULAR BEDDING MATERIAL" IS TO BE GRANULAR 'A' CRUSHED MATERIAL.
   c) "COVER MATERIAL" IS TO BE SAND FILL
   d) DELETE "150 mm " FROM "NOTE 1" AND INSERT 225 mm FOR THE MINIMUM BEDDING DEPTH
   e) FOR A "WET TRENCH" CONDITION AS DETERMINED BY THE CITY ENGINEER;
      i) THE "GRANULAR BEDDING MATERIAL" IS TO BE AN "HL8 COARSE" GRADATION, CRUSHED LIMESTONE MATERIAL, AND
      ii) THE "COVER MATERIAL" IS TO BE LIMESTONE SCREENINGS OR GRANULAR 'A' CRUSHED MATERIAL.
2. PRECAST CONCRETE MAINTENANCE HOLE, OPSD - 701.010
   1200 mm DIAMETER, EXCEPT USE PRECAST MONOLITHIC BASE ONLY.
3. MAINTENANCE HOLE STEPS, HOLLOW OPSD - 405.010
   EXCEPT DELETE "RECTANGULAR STAINLESS STEEL" STEP DETAILS. CAST IRON, SQUARE FRAME WITH CIRCULAR CLOSED OR OPEN.
4. COVER FOR MAINTENANCE HOLES OPSD - 401.010
   EXCEPT DELETE "TYPE 'B' OPEN COVER".
5. CAST-IN-PLACE MAINTENANCE HOLE DROP OPSD - 1003.010
   STRUCTURE TEE, EXCEPT THE INVERT OF THE INLET END OF THE 90 DEGREE BEND IS TO BE PLACED AT THE "SPRINGLINE" OF THE MAIN SEWER PIPE.
6. SEWER SERVICE CONNECTIONS FOR RIGID OPSD - 1006.010
   MAIN PIPE SEWER, EXCEPT;
   a) THE BEDDING AND COVER MATERIALS ARE TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH OPSD-802.030
   b) FACTORY MADE TEES OR WYES ARE NOT REQUIRED FOR SANITARY SERVICE CONNECTIONS TO THE MAIN SEWER PIPE UNLESS SPECIFIED.
7. CONCRETE SIDEWALK OPSD - 310.010
8. CONCRETE BARRIER CURB WITH WIDE GUTTER OPSD - 600.010
9. CONCRETE BARRIER CURB OPSD - 600.110

No.	DATE	REVISION(S)	BY
2	JAN.29/26	RE-ISSUED FOR SITE PLAN APPROVAL	ERB
1	SEPT.23/25	ISSUED FOR SITE PLAN APPROVAL	ERB

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NEW 11,054 s.f. BUILDING for
WASTE MANAGEMENT OF CANADA CORP
2413 CARP RD.
OTTAWA, ON

EROSION & SEDIMENT CONTROL PLAN

LICENSED PROFESSIONAL ENGINEER
Jan.29/2026
E. R. BURTT
100515244
PROVINCE OF ONTARIO

DATE: JUNE 2025	CONTRACT No.: 2511
CHECKED BY:	DRAWING No.: A.1b
DESIGNED BY:	
DRAWN BY: ERB	
SCALE: AS NOTED	

OTTAWA PLANNING	
FILE NUMBER	D07-12-25-0116
PLAN NUMBER	

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