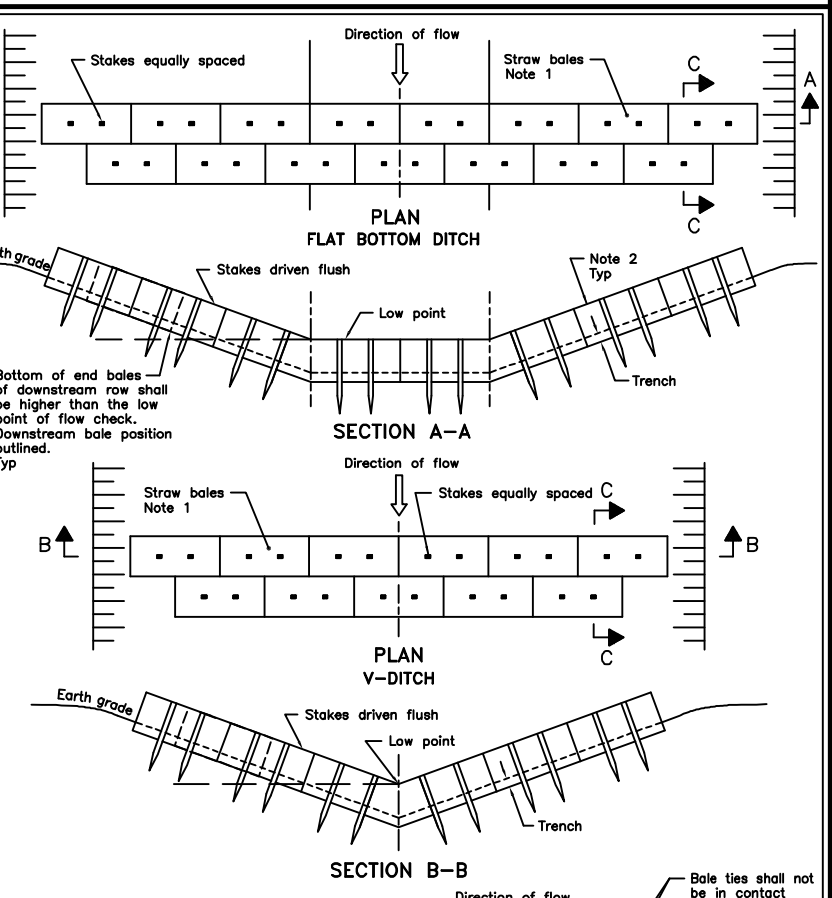


**LEGEND**

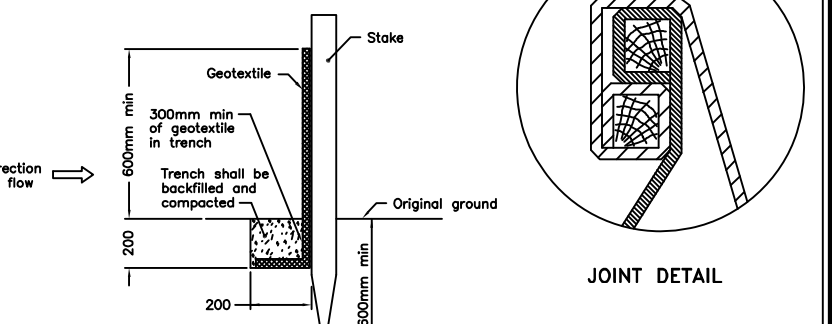
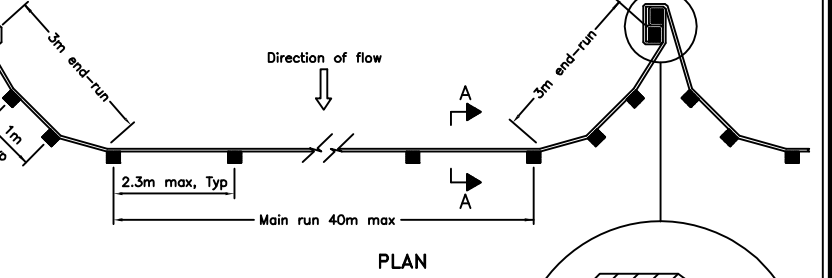
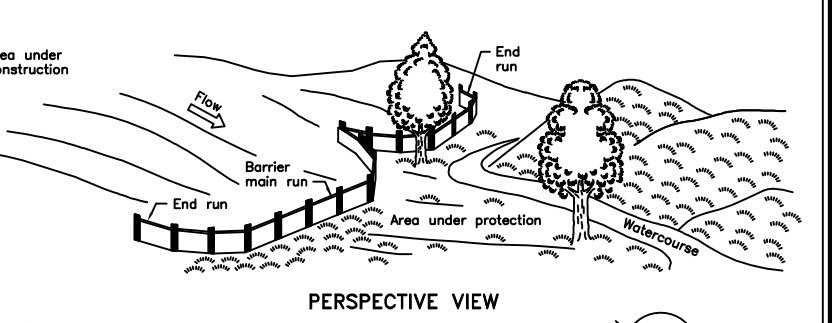
- EXISTING DECIDUOUS TREE
- EXISTING TREE LINE
- STRAW BALES AS PER OPSD 219.180
- SILT FENCE BARRIER AS PER OPSD 219.110
- EXISTING ELEVATION CONTOUR
- EXISTING SPOT ELEVATION
- OUTSIDE PROPOSED DEVELOPMENT

- NOTES**
- ADDITIONAL TO THIS PLAN, THE CONTRACTOR SHALL IMPLEMENT THE "BEST MANAGEMENT PRACTICES" ALL ALONG CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL, INSPECT, REPAIR AND REMOVE THE SEDIMENT AND EROSION CONTROL METHODS.
  - A SUMP OF 600mm IN DEPTH WILL BE PROVIDED IN ALL CATCHBASINS IN ORDER TO MINIMIZE THE AMOUNT OF SUSPENDED SOLIDS FROM ENTERING THE SEWER SYSTEM.
  - DURING CONSTRUCTION, FILTER CLOTH WILL BE PLACED UNDER ALL CATCHBASIN AND MANHOLE FRAMES AND COVERS AND STRAW BALES WILL BE PLACED WHERE WATER RUNOFF CAN CARRY EXCESSIVE SEDIMENTS INTO THE SEWER SYSTEM.
  - STRAW BALES SHALL BE INSTALLED ALONG THE VARIOUS SWALES (NEW MADE OR EXISTING) WHERE ADDED NECESSARY BY THE ENGINEER AND/OR THE CITY OF OTTAWA'S INSPECTOR.
  - STRAW BALES SHOULD BE INSTALLED AS PER OPSD 219.100 AND OPSD 219.180 AS APPROPRIATE.
  - STRAW BALES SHALL BE INSTALLED AT EVERY MAJOR POINT OF WATER ENTRY INCLUDING DITCH INLET CATCHBASINS AND CULVERTS.
  - ALL SEDIMENT CONTROL LOCATIONS MUST BE INSPECTED ON A DAILY BASIS ESPECIALLY FOLLOWING A RAINFALL EVENT. SEDIMENTS SHALL BE REMOVED AND CONTROLS REINSTALLED AS NECESSARY.
  - SHOULD IT BE IMPOSSIBLE TO PREVENT OVERLAND SHEET FLOW TO AN EXTERNAL AREA DURING THE CONSTRUCTION PHASE, SUCH AREA SHALL BE PROTECTED WITH A SILT FENCE AS PER OPSD 219.110 AND/OR FILTER CLOTH IN CATCHBASINS.
  - FILTER CLOTH IN CBs SHOULD BE INSTALLED WITH GENEROUS EXCESS OF MATERIAL AROUND PERIMETER TO FACILITATE REMOVAL. FOR CBs POTENTIALLY SUBJECTED TO HEAVY SEDIMENT LOADING, A GRAVELLY "PRE-FILTER" SHOULD BE PROVIDED AROUND PERIMETER OF CB OR AT INTERVALS ALONG THE CURB.
  - ANY MATERIAL STOCKPILES SHOULD BE LOCATED ON FLAT AREAS WELL AWAY FROM ANY DRAINAGE INLETS.
  - NO SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED UNLESS FOUND UNNECESSARY OR ANOTHER SEDIMENT CONTROL POINT IS INSTALLED ELSEWHERE TO REPLACE THE LATTER.
  - THE SEDIMENT AND EROSION CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION AUTHORITY.
  - THIS PLAN IS A "LIVING DOCUMENT" AND THAT ANY MODIFICATION TO THE PLAN SHALL BE SUBMITTED TO THE SATISFACTION OF SNC AND MAY BE MODIFIED BY SNC STAFF.



**NOTES:**  
 1. Number of bales varies and shall suit ditch.  
 2. Straw bales shall be spaced tightly against adjoining bales and staked to conform to the slope of the ditch to prevent water flow through barrier.  
 3. Trench shall be backfilled and compacted to original ground level.  
 4. Bale tip shall not be in contact with ground.

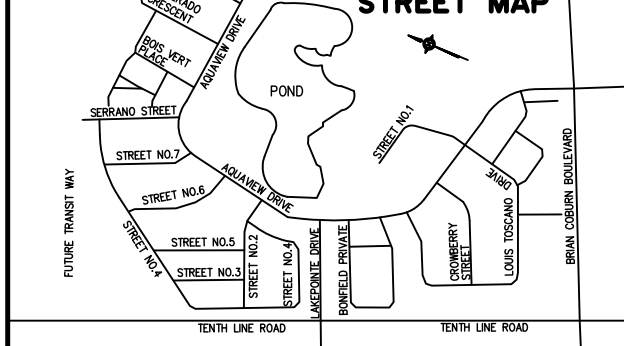
ONTARIO PROVINCIAL STANDARD DRAWING  
 STRAW BALE FLOW CHECK DAM  
 OPSD 219.180



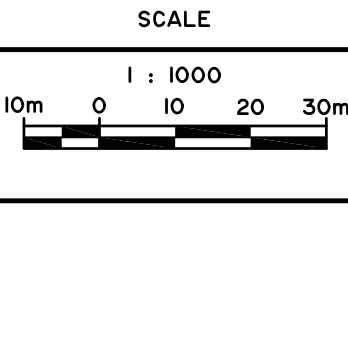
**NOTE:**  
 A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING  
 LIGHT-DUTY SILT FENCE BARRIER  
 OPSD 219.110

THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND 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, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



No.	REVISION	APPLIES WHEN DRAWING MODIFIED	DATE	BY
1	REVISED AS PER CITY COMMENTS		APR. 30/18	AGS
2	REVISED DRAFT PLAN		OCT. 18/18	AGS



DESIGN PLM  
 CHECKED AGS  
 DRAWN PLM  
 CHECKED AGS  
 APPROVED AGS



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CITY OF OTTAWA  
 AQUAVIEW  
 PLAN  
 MACRO EROSION AND SEDIMENT CONTROL PLAN

CLIENT No. 148  
 PROJECT No. 171203  
 DRAWING No. 171203-ESCM