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PROPOSED SILT FENCE AS PER OPSD 219.110

PROPOSED CATCH BASIN PROTECTION AS PER DETAIL.

authorized by Stantec is forbidden.

PROPOSED MUD MAT LOCATION

## Best Management Practices

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

EROSION MUST BE MINIMIZED AND SEDIMENTS MUST BE REMOVED FROM CONSTRUCTION SITE RUN-OFF IN ORDER TO PROTECT DOWNSTREAM AREAS. DURING ALL CONSTRUCTION, EROSION AND SEDIMENTATION SHOULD BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

- LIMIT THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
- REVEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE.
- MINIMIZE AREA TO BE CLEARED AND GRUBBED.
- PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
- INSTALL CATCH BASIN INSERTS OR EQUIVALENT IN ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES AND IN ALL EXISTING CATCH BASINS THAT WILL RECEIVE RUN-OFF FROM THE SITE.
- A SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF ALL AND ANY STOCKPILES OF MATERIAL TO BE USED OR REMOVED FROM SITE. (LOCATION TO BE
- A VISUAL INSPECTION SHALL BE DONE DAILY ON SEDIMENT CONTROL MEASURES AND CLEANED OF ANY ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OFF SITE AS PER THE REQUIREMENTS OF THE CONTRACT.
- SEDIMENT CONTROL BARRIERS MAY ONLY BE REMOVED TEMPORARILY WITH APPROVAL OF CONTRACT ADMINISTRATOR TO ACCOMMODATE CONSTRUCTION OPERATIONS. ALL AFFECTED BARRIERS MUST BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED. NO REMOVAL WILL OCCUR IF THERE IS A SIGNIFICANT RAINFALL EVENT ANTICIPATED (>10mm) UNLESS A NEW DEVICE HAS BEEN INSTALLED TO PROTECT

EXISTING STORM AND SANITARY SEWER SYSTEMS, OR DOWNSTREAM WATERCOURSES

- NO REFUELING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING
- CONTRACTOR SHALL REMOVE SEDIMENT CONTROL MEASURES WHEN, IN THE OPINION OF THE CONTRACT ADMINISTRATOR, THE MEASURE(S) IS NO LONGER REQUIRED. NO CONTROL MEASURES SHALL BE PERMANENTLEY REMOVED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR.
- THE CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ADMINISTRATOR, CLEAN OUT ACCUMULATED SEDIMENTS AS REQUIRED.
- 12. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE ENGINEER ANY ACCIDENTAL DISCHARGES OF SEDIMENT MATERIAL INTO THE WATERCOLIRSE 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. CONTRACTOR SHALL INSTALL MUD MATS AT ENTRANCE TO THE SITE.
- 14. STORMWATER SWALES TO BE COVERED WITH HYDRO-SEED AND MULCH.
- 15. CB'S ARE TO BE INSPECTED FOLLOWING RAINFALL EVENTS AND ACCUMULATED SEDIMENT IS TO BE REMOVED.
- CONTRACTOR IS REQUIRED TO REGULARLY CLEAN DEBRIS AND KEEP DUST DOWN ON ALL ROADWAYS AFFECTED BY SITE.

2	ISSUED FOR REVIEW				24.09.13
1	1 ISSUED FOR REVIEW		JP	PM	24.05.19
Revision		Ву	Appd.	YY.MM.DD	
File	Name: 160401789-DB.dwg	JP		JP	24.05.13
		Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal



Client/Project

WINDMILL DEVELOPMENT GROUP LTD.

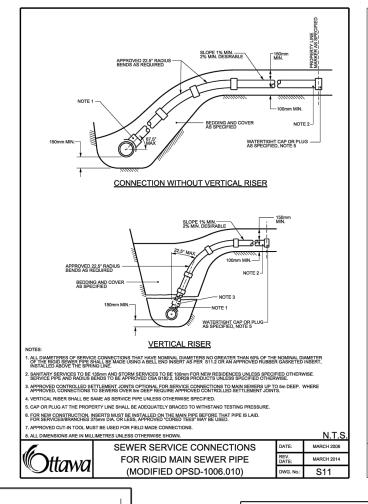
THE EVERGREEN ON BLACKBURN

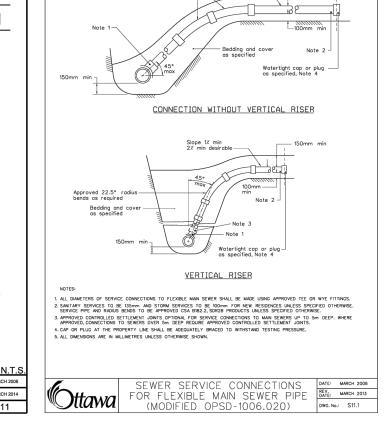
Ottawa, ON

**EROSION CONTROL & DETAILS SHEET** 

Project No. Scale 160401789 Sheet Drawing No. Revision

DWG# 19193





Slope 1% min 2% min desirable —

-CATCH BASIN GRATE

1) TO BE USED UNDER APPROPRIATE

THE CONSTRUCTION PERIOD.

2) SILTSACK SHOULD BE INSPECTED

EVERY MAJOR STORM.

- CATCH BASIN

ROADSIDE CATCH BASIN PROTECTION DETAIL: TERRAFIX

MUD MAT TO BE INSTALLED AT ALL CONSTRUCTION ENTRANCES

PREVENT SEDIMENT FROM BEING WASHED AWAY WITH RUNOFF.

IN THE CASE THAT THE ACCESS CROSSES A CULVERT OR DITCH, SEDIMENT

THE GRANULAR MATERIAL WILL REQUIRE PERIODIC REPLACEMENT AS IT BECOMES

SEDIMENT SHALL BE CLEANED FROM PUBLIC ROADS AT THE END OF EACH DAY.

FENCING SHOULD BE INSTALLED ALONG THE EDGES OF THE ACCESS TO

STORM INLETS BOTH ON AND IN THE PROXIMITY OF THE SITE SHALL BE

PROTECTED WITH INLET CONTROL MEASURES PRIOR TO ROAD CLEANING

MUD MAT TO EXTEND FULL WIDTH OF ENTRANCE

CONTAMINATED BY VEHICLE TRAFFIC.

MUD MAT ENTRANCE DETAIL SCALE: N.T.S.

SILTSACK SCALE: N.T.S.

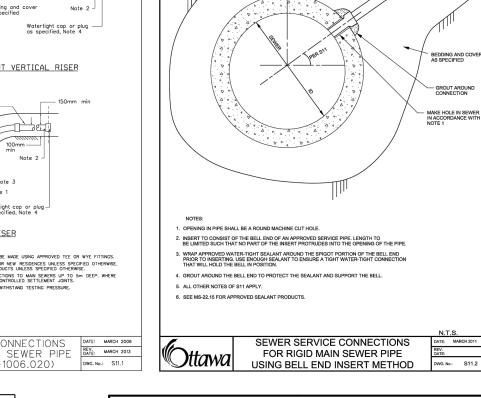
EVERY 2-3 WEEKS AND AFTER

3) TO BE INSTALLED AND MAINTAINED B MANUFACTURES RECOMMENDATIONS

DRAINAGE CIRCUMSTANCES, DURING

-INSERT 1" REBAR FOR

BAG REMOVAL FROM INLET.



2.3m max, Typ

——— Main run 40m max —

SECTION A-A

A All dimensions are in millimetres unless otherwise shown.

LIGHT-DUTY

SILT FENCE BARRIER

ONTARIO PROVINCIAL STANDARD DRAWING Nov 2015 Rev 2

JOINT DETAIL

OPSD 219.110

- EXCAVATION IN BOULEVARD

APPROVED SEWER PLUG OR FABRICATED AS PER SECTION A-A

1.0 1.0 1.0 1.0 MIN. MAX MAX MIN.

SEWER SERVICE ABANDONMENT BENEATH PAVEMENT

ROD COUPLER WITH WASHER THREADED ROD OR EQUIVALENT WITH THREADED END

FILL SEWER SERVICE WITH CEMENT STABILIZED FLOWABLE FILL

A -

19 WIDE STAINLESS -

FRONT VIEW

ANCHOR PLUG WHILE FILL SETS

LONG TYPE 316 STAINLESS STEEL BOLT AND WASHER

2 LAYERS 19 THICK PLYWOOD LAMINATED TOGETHER

19 WIDE STAINLESS STEEL HOSE CLAMP

2 THICK PLASTIC DISC ATTACHED TO PLYWOOD WITH 3 #8X32 LONG STAINLESS STEEL SCREWS

