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PLANNING, INFRASTRUCTURE & ECONOMIC  
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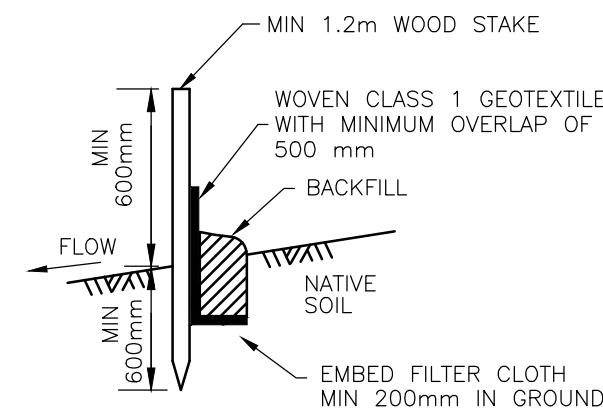
APPROVED

By Jeff McEwen at 3:22 pm, Mar 25, 2020

## EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION.

DURING ALL CONSTRUCTION ACTIVITIES, EROSION AND SEDIMENTATION SHALL BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

1. LIMITING THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. REVEGETATION OF EXPOSED AREAS AS SOON AS POSSIBLE.
3. MINIMIZATION OF AREA TO BE CLEARED AND DISRUPTION TO ADJACENT AREAS.
4. INSTALLATION OF FILTER CLOTH BETWEEN FRAME AND COVER ON ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES.
5. A SILT FENCE TO BE INSTALLED 0.3m INSIDE THE SITE PROPERTY LINE TO LOCATIONS SHOWN ON THIS DRAWING.
6. A VISUAL INSPECTION SHALL BE COMPLETED DAILY ON SEDIMENT CONTROL BARRIERS AND ANY DAMAGE REPAIRED IMMEDIATELY. CARE WILL BE TAKEN TO PREVENT DAMAGE DURING CONSTRUCTION OPERATIONS.
7. IN SOME CASES SOME BARRIERS MAY BE REMOVED TEMPORARILY TO ACCOMMODATE THE CONSTRUCTION OPERATIONS. THE AFFECTED BARRIERS WILL BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED.
8. THE SEDIMENT CONTROL DEVICES WILL BE CLEANED OF ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OF AS PER THE REQUIREMENTS OF THE CONTRACT.
9. DURING THE COURSE OF CONSTRUCTION IF THE ENGINEER BELIEVES THAT ADDITIONAL PREVENTION METHODS ARE REQUIRED TO CONTROL EROSION AND SEDIMENTATION, THE CONTRACTOR WILL INSTALL ADDITIONAL SILT FENCES OR OTHER METHODS AS REQUIRED TO THE SATISFACTION OF THE ENGINEER.
10. CONSTRUCTION AND MAINTENANCE REQUIREMENTS FOR EROSION AND SEDIMENT CONTROLS TO COMPLY WITH ONTARIO PROVINCIAL STANDARD SPECIFICATION (OPSS) OPSS 805, AND CITY OF OTTAWA SPECIFICATIONS.

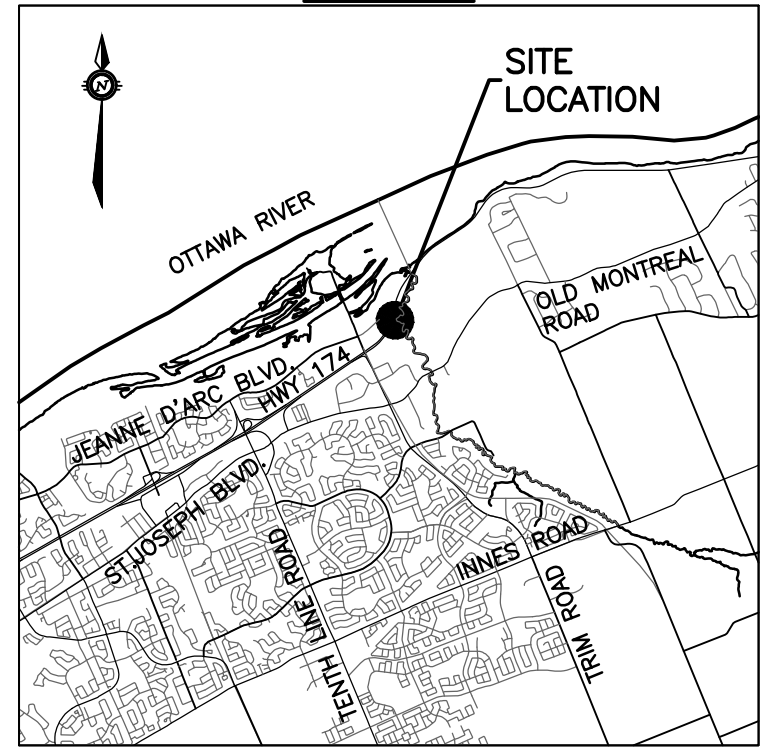


## LIGHT DUTY SILT FENCE BARRIER N.T.S.

NOTES:

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO WOOD POSTS WITH WIRE TIES OR STAPLES.
2. POSTS TO BE SPACED AT 2.3 METRES CENTRE TO CENTRE.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY A MINIMUM OF 500mm.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. WOOD POSTS TO BE HARDWOOD TYPE (50mm x 50mm).
6. GEOTEXTILE TO BE EMBEDDED 200mm INTO GROUND.
7. GEOTEXTILE TO CONFORM TO OPSS 805 STANDARDS.
8. SILT FENCE MUST BE INSTALLED BEFORE COMMENCEMENT OF CONSTRUCTION AND IN ACCORDANCE WITH DETAIL. SILT FENCE CAN BE REMOVED AFTER LANDSCAPING IS COMPLETE.
9. SEDIMENTS MUST BE CLEARED AWAY WHEN THEY REACH HALF THE HEIGHT OF THE FENCE.

## KEY PLAN



## EXISTING LEGEND

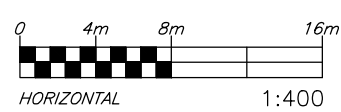
OH	OH	OVERHEAD WIRES
● UP	○ LS	UTILITY POLE
○ CB	○ CBE	LIGHT STANDARD
○ CBT	○ CBT	CATCHBASIN
○ AD	○ AD	CATCHBASIN ELBOW
T/G	GM	CATCHBASIN TEE
GM	MH	AREA DRAIN
MH	G	TOP OF GRATE
V&VB	V&VC	GAS METER
V&VC	FH	MANHOLE (SANITARY OR STORM)
FH	STW	GAS MAIN
STW	WM	VALVE AND VALVE BOX
WM	WM	VALVE AND VALVE CHAMBER
WM	WM	FIRE HYDRANT
WM	WM	STORM SEWER
WM	WM	SANITARY SEWER
WM	WM	WATERMAIN
WM	WM	TREES
WM	WM	FENCE
WM	WM	ORIGINAL GROUND ELEVATION
WM	WM	EXISTING CONTOUR
WM	WM	OVERLAND FLOW ROUTE

## PROPOSED LEGEND

200mm SAN	PROPERTY LINE
200mm STW	SANITARY SEWER
200mm WM	STORM SEWER
200mm WM	WATERMAIN
200mm WM	CLAY SEAL
200mm WM	STORM MANHOLE
200mm WM	SANITARY MANHOLE
200mm WM	CATCHBASIN
200mm WM	CATCHBASIN ELBOW
200mm WM	CATCHBASIN TEE
200mm WM	AREA DRAIN AND DECK DRAIN
200mm WM	ROOF DRAIN
200mm WM	VALVE AND VALVE BOX
200mm WM	VALVE AND VALVE CHAMBER (W3)
200mm WM	FIRE HYDRANT
200mm WM	45° WATERMAIN BEND
200mm WM	22.5° WATERMAIN BEND
200mm WM	11.25° WATERMAIN BEND
200mm WM	WATERMAIN TEE (MAIN BRANCH)
200mm WM	WATERMAIN CROSS
200mm WM	WATERMAIN REDUCER
200mm WM	WATER METER
200mm WM	REMOTE WATER METER READER
200mm WM	SIAMESE CONNECTION
200mm WM	FLOOR ELEVATION
200mm WM	GARAGE FLOOR SLAB ELEVATION
200mm WM	PARKING LEVEL FLOOR ELEVATION
200mm WM	SLOPE AND DIRECTION OF FLOW
200mm WM	FINAL GRADE
200mm WM	HIGH POINT
200mm WM	TERRACING
200mm WM	TOP OF GRATE ELEVATION
200mm WM	TOP OF FLANGE
200mm WM	OVERLAND FLOW ROUTE
200mm WM	PHASING LIMITS
200mm WM	SILT FENCE
200mm WM	BARRIER CURB (SC.1.1)
200mm WM	DEPRESSED BARRIER CURB LOCATION
200mm WM	SWALE AND DIRECTION OF FLOW
200mm WM	RETAINING WALL
200mm WM	BUILDING ENTRY LOCATION
200mm WM	STRUCTURE TO BE ADJUSTED
200mm WM	STRUCTURE TO BE RELOCATED

TOPOGRAPHIC INFORMATION  
PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.  
DATED JULY 20, 2018

JOB BENCHMARK  
PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.  
NCC MONUMENT 01919680184  
NTM-NAD83 ZONE 9  
NORTHING=5040610.15  
EASTING=384736.57  
ELEVATION=52.68



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Ouvrage Project

PETRIE'S LANDING I -  
PHASES 3-5

EMPLACEMENT Location

OTTAWA, ON.

NO PROJECT No.

OTT-00247308-A0

NO	REVISION	DATE (aa.mm.jj)
1	ISSUED FOR REVIEW	18.08.03
2	ISSUED FOR SITE PLAN APPROVAL	18.09.14
3	ISSUED FOR CLIENT REVIEW	19.04.05
4	ISSUED FOR SITE PLAN APPROVAL	19.05.10
5	ISSUED FOR SITE PLAN APPROVAL	19.05.22
6	ISSUED FOR SPA-CITY COMMENTS	19.07.22
7	REVISED PER CITY COMMENTS	19.07.30

DESSINÉ PAR Drawn by

S.BUTLER

DATE (aa.mm.jj)

18.07.18

TITRE DU DESSIN Drawing Title

VERIFIÉ PAR Checked by

B.THOMAS

DATE (aa.mm.jj)

18.07.18

ECHELLE Scale

1:400

EROSION & SEDIMENT

CONTROL PLAN

TOWERS 3 & 4

REVISION Revision

NO. DESSIN Dwg Number

C300

#14602

D-07-12-18-0143