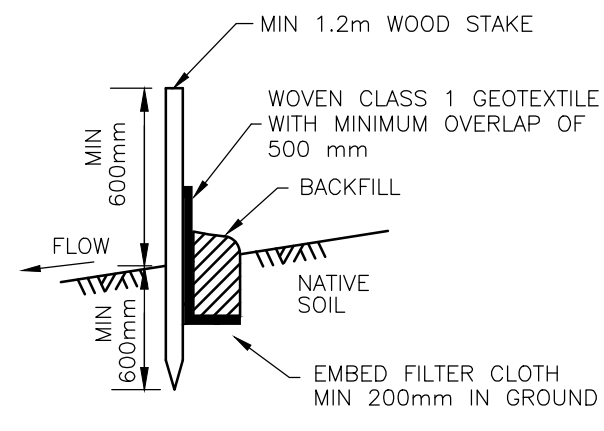


EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION.

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

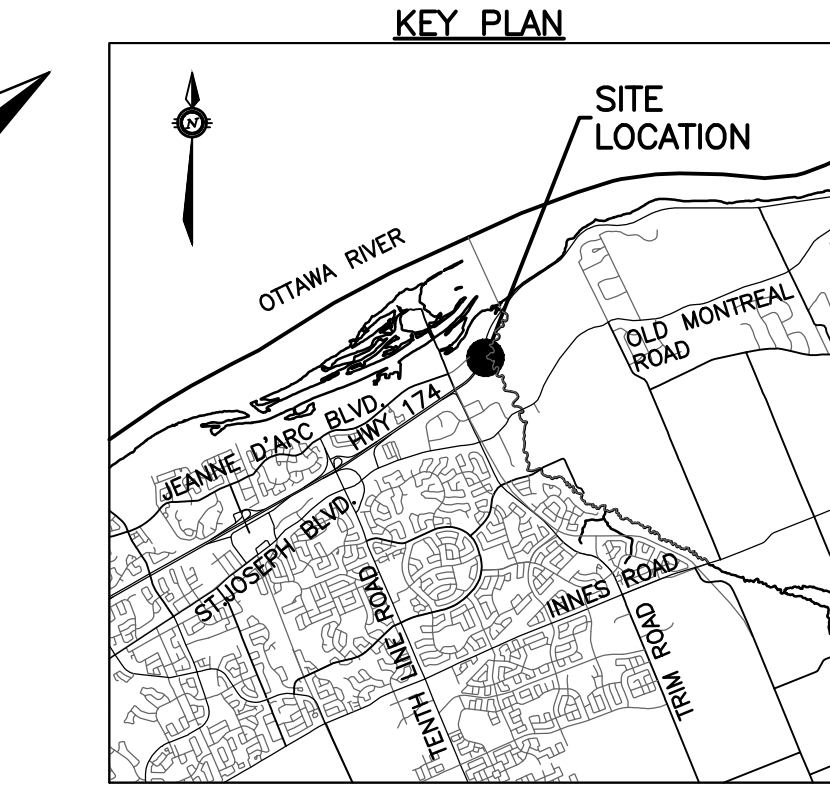
1. LIMITING THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. REVEGETATION OF EXPOSED AREAS AS SOON AS POSSIBLE.
3. MINIMIZATION OF AREA TO BE CLEARED AND DISRUPTION TO ADJACENT AREAS.
4. INSTALLATION OF FILTER CLOTH BETWEEN FRAME AND COVER ON ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES.
5. A 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.

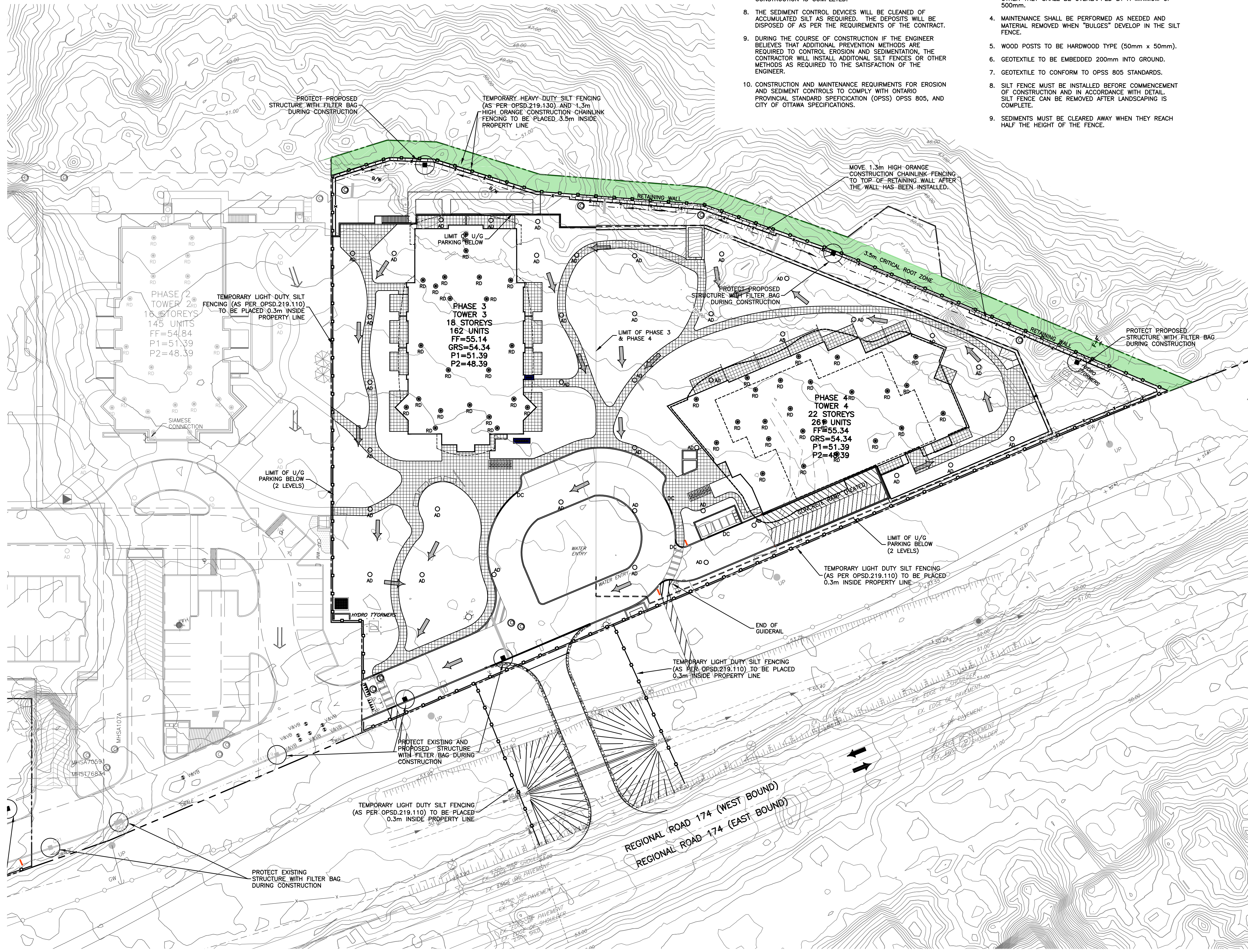


EXISTING LEGEND

OH	OVERHEAD WIRES
UP	UTILITY POLE
LS	LIGHT STANDARD
CB	CATCHBASIN
CBE	CATCHBASIN ELBOW
CBT	CATCHBASIN TEE
AD	AREA DRAIN
T/G	TOP OF GRATE
GM	GAS METER
MH	MANHOLE (SANITARY OR STORM)
G	GAS MAIN
V&VB	VALVE AND VALVE BOX
V&VC	VALVE AND VALVE CHAMBER
PH	FIRE HYDRANT
EX 250mm SAN	STORM SEWER
EX 300mm STM	SANITARY SEWER
EX 200mm WM	WATERMAIN
(Tree symbol)	TREES
FENCE	FENCE
55.00	ORIGINAL GROUND ELEVATION
55.00	EXISTING CONTOUR
OVERLAND FLOW ROUTE	OVERLAND FLOW ROUTE

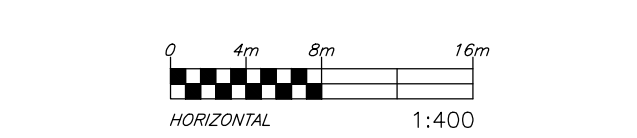
PROPOSED LEGEND

200mm SAN	PROPERTY LINE
200mm STM	SANITARY SEWER
200mm WM	STORM SEWER
(Symbol)	WATERMAIN
(Symbol)	CLAY SEAL
STM MH 211	STORM MANHOLE
SAN MH 104	SANITARY MANHOLE
CB1	CATCHBASIN
CBE	CATCHBASIN ELBOW
CBT	CATCHBASIN TEE
AD	AREA DRAIN AND DECK DRAIN
RD	ROOF DRAIN
V&VB	VALVE AND VALVE BOX
V&VC	VALVE AND VALVE CHAMBER (W3)
PH	FIRE HYDRANT
45°	45° WATERMAIN BEND
22°	22.5° WATERMAIN BEND
11°	11.25° WATERMAIN BEND
200x150	WATERMAIN TEE (MAIN BRANCH)
200x200x200	WATERMAIN CROSS
200x150	WATERMAIN REDUCER
U	WATER METER
RM	REMOTE WATER METER READER
SC	SIAMSESE CONNECTION
FR	FLOOR ELEVATION
GRS	GARAGE FLOOR SLAB ELEVATION
P1	PARKING LEVEL FLOOR ELEVATION
3.0%	SLOPE AND DIRECTION OF FLOW
5.75	FINAL GRADE
H.P.	HIGH POINT
(Symbol)	TERRACING
T/G	TOP OF GRATE ELEVATION
T/F	TOP OF FLANGE
(Arrow)	OVERLAND FLOW ROUTE
(Symbol)	PHASING LIMITS
(Symbol)	SILT FENCE
(Symbol)	BARRIER CURB (SC1.1)
(Symbol)	DEPRESSED BARRIER CURB LOCATION
(Symbol)	SWALE AND DIRECTION OF FLOW
(Symbol)	RETAINING WALL
(Symbol)	BUILDING ENTRY LOCATION
(Symbol)	STRUCTURE TO BE ADJUSTED
(Symbol)	STRUCTURE TO BE RELOCATED



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

JOB BENCHMARK
PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBECK 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 NO PROJET No.
OTTAWA, ON. 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
8	UPDATED TOWER 4	20.02.12
9	PRE-IFC FOR BRIGIL REVIEW	20.09.14
10	ISSUED FOR CONSTRUCTION	20.11.10
11	ISSUED FOR TOWER 4 BUILDING PERMIT	21.12.10
12	ISSUED FOR TENDER	22.02.25
13	ISSUED FOR PERMIT UPDATE	22.03.14
14	ISSUED FOR POST TENDER ADDENDUM 1	22.10.28
15	ISSUED FOR TENDER	22.12.05
16	ISSUED FOR CONSTRUCTION	22.12.16
17	ISSUED FOR COORDINATION	23.11.08
18	ISSUED FOR SI-009	23.11.17
19	ISSUED FOR APPROVAL	24.06.24
20	UPDATED CITY NUMBER	25.02.10

DESIGNED PAR. Drawn by **S.BUTLER** VERIFIED 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

D-07-12-24-0115