

NTS

LIST OF DRAWINGS

EC-01 (EROSION CONTROL PLAN)

CU-01 (COMPOSITE UTILITY PLAN

SITE PLAN INFORMATION

63 PAMILLA STREET, OTTAWA, ONTARIO,

SURVEY INFORMATION

MONUMENT" OTTAWA ELEVATION=95.230.

SG-01 (SITE GRADING PLAN)

SS-01 (SITE SERVICING PLAN)

DD-01 (DETAIL DRAWINGS)

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## **EROSION AND SEDIMENT CONTROL NOTES:**

THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATEROURSE, DURING CONSTRUCTION ACTIVITIES THIS INCLUDES LIMITING THE AMOUNT OF EXPOSED SOIL. USING FILTER CLOTH UNDER THE GRATES OF CATCH BASINS AND MANHOLES AND INSTALLING SILT FENCES AND OTHER SEDIMENT TRAPS.

2. AT THE DISCRETION OF THE PROJECT MANAGER OR MUNICIPAL STAFF, ADDITIONAL SILT CONTROL DEVICES SHALL BE INSTALLED AT DESIGNATED LOCATIONS.

3. FOR SILT FENCE BARRIER USE OPSD 219.110 GEOTEXTILE FOR SILT FENCE **SHALL** BE ACCORDING TO OPSS 1860. TABLE 3.

EXCEPT AS PROVIDED IN PARAGRAPHS 4.(a), and (b) BELOW, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS FEASIBLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THANDAYS AFTER THE CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED.

4.1. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE I4TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASE IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS FEASIBLE.

4.2. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED. (EG.THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.

FOR RIGID MAIN SEWER PIPE

(MODIFIED OPSD-1006.010)

MARCH 2014

S11

SEDIMENT THAT IS ACCUMULATED BY THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED IN A MANNER THAT AVOIDS ESCAPE OF THE SEDIMENT TO THE DOWNSTREAM SIDE OF THE CONTROL MEASURE AND AVOIDS DAMAGE TO THE CONTROL MEASURE SEDIMENT SHALL BE REMOVED TO THE LEVEL OF THE GRADE EXISTING AT THE TIME THE CONTROL MEASURE WAS CONSTRUCTED AND BE ACCORDING TO THE FOLLOWING:

5.1. FOR LIGHT DUTY SEDIMENT BARRIERS ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE IT REACHES THE LESSER OF THE FOLLOWING:

5.1.1. A DEPTH OF ONE HALF THE EFFECTIVE HEIGHT OF THE CONTROL MEASURE. 5.1.2. A DEPTH OF 300 MM IMMEDIATELY UPSTREAM OF THE CONTROL MEASURE.

5.2. FOR ALL CONTROL MEASURES, ACCUMULATED SEDIMENT SHALL BE REMOVED AS NECESSARY TO PERFORM MAINTENANCE REPAIRS.

5.3. ACCUMULATED SEDIMENT SHALL BE REMOVED IMMEDIATELY PRIOR TO THE REMOVAL OF THE CONTROL MEASURE.

5.4. ACCUMULATED SEDIMENT IS TO BE REMOVED AND DISPOSED OF AS PER OPSS 180.

6. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MONITORED TO ENSURE THEY ARE IN EFFECTIVE WORKING ORDER. THE CONDITION OF THE CONTROL MEASURES SHALL BE MONITORED PRIOR TO ANY FORECAST STORM EVENT AND FOLLOWING A

7. DUST CONTROL MEASURES SHOULD BE CONSIDERED PRIOR TO CLEARING AND GRADING. THE USE OF WATER, CALCIUM CHLORIDE FLAKES/SOLUTION SHALL BE USED AS DUST SUPPRESSANTS AS PER OPSS 506. THIS IS TO LIMIT WIND EROSION OF SOILS WHICH MAY TRANSPORT SEDIMENTS OFFSITE, WHERE THEY MAY BE WASHED INTO THE RECIEVING WATER BY THE NEXT RAINSTORM.

8. ALL 'GREEN AREAS' TO BE TREATED WITH 1500mm TOPSOIL AND SOD AS SOON AS FEASIBLE, AS PER OPSS 180.

9. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TP 95% STANDARD PROCTOR DENSITY.

10. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS

11. STOCKPILED MATERIAL IS TO BE STORED AWAY FROM POTENTIAL RECIEVERS (E.G. STORM CATCHBASINS, MANHOLES), AND BE SURROUNDED BY EROSION CONTROL MEASURES WHERE MATERIAL IS TO BE LEFT IN PLACE IN EXCESS OF 14 DAYS.

12. IF REQUIRED, DEWATERING/SETTLING BASINS SHALL BE CONSTRUCTED AS PER OPSD 219.240 AND LOCATED ON FLAT GRADE UPSTREAM OF OTHER EXISTING MITIGATION MEASURES. WATERCOURSES CROSSINGS SHALL NOT BE CONSTRUCTED OR UTILIZED. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT. IF CLOSURE OF ANY PERMANENT WATER PASSAGE IS NECESSARY. THE CONTRACTOR SHALL RELEASE ANY STRANDED FISH TO THE OPEN PORTION OF THE WATERCOURSE WITHOUT HARM.

13. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO OPSS 577.

14. WHERE DEWATERING IS REQUIRED, THE DISCHARGED WATER SHALL BE CONTROLLED IN ACCORDANCE WITH OPSS 518.

15. ALL SETTLING/FILTRATION BASINS SHALL BE EQUIPPED WITH TERRAFIX 270R GEOTEXTILE (OR APPROVED EQUIVALENT) AND SHALL BE CLEANED AND REPLACED AS REQUIRED.

16. FOR POTENTIAL SPILLS, THE CONTRACTOR SHALL HAVE ON SITE AT ALL TIMES AN EMERGENCY SPILL KIT THAT WILL INCLUDE AS A MINIMUM THE FOLLOWING ITEMS:

 10 -18 in. x 18 in ABSORBENT PADS, 5 LBS ZORBAL ABSORBING MATERIAL

1 PAIR GOOGLES, 1 PAIR PVC GLOVES

## **GRADING NOTES**

1. ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED PAVED AREAS AS DIRECTED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER.

2. EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE PROOF ROLLED WITH A LARGE STEEL DRUM ROLLER AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACEMENT OF GRANULARS.

3. ANY SOFT AREAS EVIDENT FROM THE PROOF ROLLING SHOULD BE SUB-EXCAVATED AND REPLACED WITH SUITABLE MATERIAL THAT IS FROST COMPATIBLE WITH THE EXISTING SOILS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.

4. THE GRANULAR BASE SHOULD BE COMPACTED TO AT LEAST 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE. ANY ADDITIONAL GRANULAR FILL USED BELOW THE PROPOSED PAVEMENT SHOULD BE COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.

5. MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED. 6. MAXIMUM TERRACING GRADE TO BE 3:1 UNLESS OTHERWISE NOTED.

7. ALL GRADES BY CURBS ARE EDGE OF PAVEMENT GRADES UNLESS OTHERWISE

8. ALL CURBS SHALL BE BARRIER CURB (150mm) UNLESS OTHERWISE NOTED AND CONSTRUCTED AS PER CITY OF OTTAWA STANDARDS (SC1.1).

9. REFER TO LANDSCAPE PLAN FOR PLANTING AND OTHER LANDSCAPE FEATURE

10. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GRADING PLAN INDICATING AS-BUILT ELEVATIONS OF ALL DESIGN GRADES SHOWN ON THIS PLAN.

## **GROUNDWATER CONDITIONS**

SCENARIO 1: GROUNDWATER QUALITY IS IN COMPLIANCE WITH THE CITY'S LIMITS FOR BOTH SANITARY AND STOM SEWER NETWORKS. GROUNDWATER COULD BE DISCHARGED EITHER INTO SANITARY OR STORM MUNICIPAL INFRASTRUCTURE

SCENARIO 2: GROUNDWATER QUALITY LIMITS AS PES THE CITY'S BY-LAWS ARE MET ONLY FOR DISCHARGING INTO THE SANITARY MUNICIPAL SEWER NETWORK GROUNDWATER FLOW COULD BE DISCHARGED INTO THE CITY'S SANITARY SEWER NETWORK, WITHOUT BEING TREATED.

SCENARIO 3: THE CITY'S GROUNDWATER LIMITS ARE NOT MET FOR DISCHARGING EITHER TO THE STORM OR THE SANITARY INFRASTRUCTURE AND TREATMENT IS REQUIRED FOR BOTH OPTIONS.

SCENARIO 4: GROUNDWATER QUALITY WILL BE IN COMPLIANCE WITH THE CITY'S LIMITS FOR DISCHARGING INTO THE MUNICIPAL SANITARY NETWORK UPON

AT ALL FOUR SCENARIOS, GROUNDWATER IS PROPOSED TO BE DISCHARGED INTO THE MUNICIPAL SANITARY SEWER NETWORK, UNLESS PATERSON GROUP PROVES THAT IT IS CLEAN ENOUGH TO BE DISCHARGED INTO STORM SEWER

ISSUED FOR SITE PLAN APPLICATION JULY 18. 2023 N **ISSUED FOR 75% REVIEW** JULY 07. 2023 | N ISSUED FOR SITE PLAN APPLICATION JUNE 26, 2023 NI ISSUED FOR SITE PLAN APPLICATION APR 14, 2023 NI ISSUED FOR EXCAVATION APR 13, 2023 NI AND SHORING PERMIT ISSUED FOR SITE PLAN APPLICATION NOV 18. 2022 | N ISSUED FOR SITE PLAN APPLICATION MAY 13, 2022 N

ELEVATIONS SHOWN HEREON ARE GEODETIC (CGVD-1928:1978)

ISSUED FOR SITE PLAN APPLICATION OCT 12, 2023 | N

AND ARE DERIVED FROM THE CAN-NET VRS NETWORK

ISSUED FOR 75% REVIEW-VE

ISSUED FOR SITE PLAN APPLICATION

ISSUED FOR BUILDING PERMIT

N. MOUTZOURI 100176986

SEP 29, 2023

JULY 28. 2023 | N

DRAWING DETAILS MIXED USE DEVELOPMENT

DEVTRIN (ISLAND PARK) INC.

MANAGER (A), DEVELOPMENT REVIEW CENTRAL PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT **DEPARTMENT, CITY OF OTTAWA** 

**APPROVED** 

CITY OF OTTAWA

70 RICHMOND ROAD OTTAWA, ONTARIO

150 Bermondsey Road, Toronto, Ontario M4A 1Y1 DATE: JUNE, 2020 CHECKED BY: N PSIGNED BY: AIK RAWN BY: AIK PROJECT No: PPROVED BY:N SCALE: NTS DRAWING No UD18-028 © COPYRIGHT 20.

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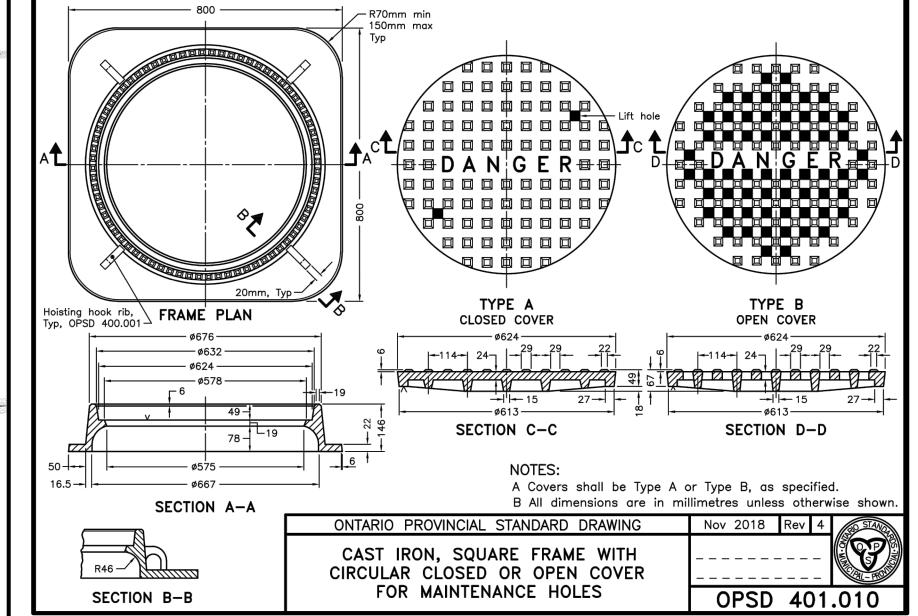
IZE mm CURE HEIGHT EDGE OF ASPHAL 25mm : 10mm DROP CURB -- DRIVEWA 1.05m MIN PEDESTRIAN PLATFORM 25mm DROP CUR REINFORCING MESH vw9.1xww9.1 SECTION A - A 1: MONOLITHIC CONGRETE CURB AND SIDEWALK AS PER SC2. 2. DEPRESSIONS AT INTERSECTIONS AS PER SC6. 3. FOR WIDER SIDEWALKS, PEDESTRIAN PLATFORM TO BE INCREASED ACCORDINGLY. 4. NOT APPLICABLE FOR PROFILE GRADES OVER 5% 5. TAPERS TO BE 1.5m WHEN ON-STREET PARKING IS PERMITTED.

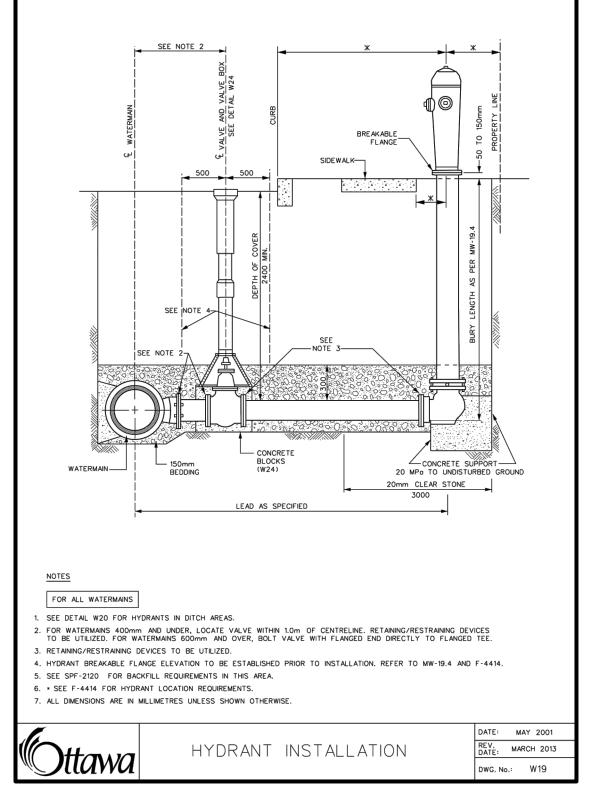
RAMP STYLE VEHICLE

ACCESS CROSSING

DATE: WARCH 2006

DWG Mo.I SC13







By Andrew McCreight at 4:11 pm, Nov 16, 2023