

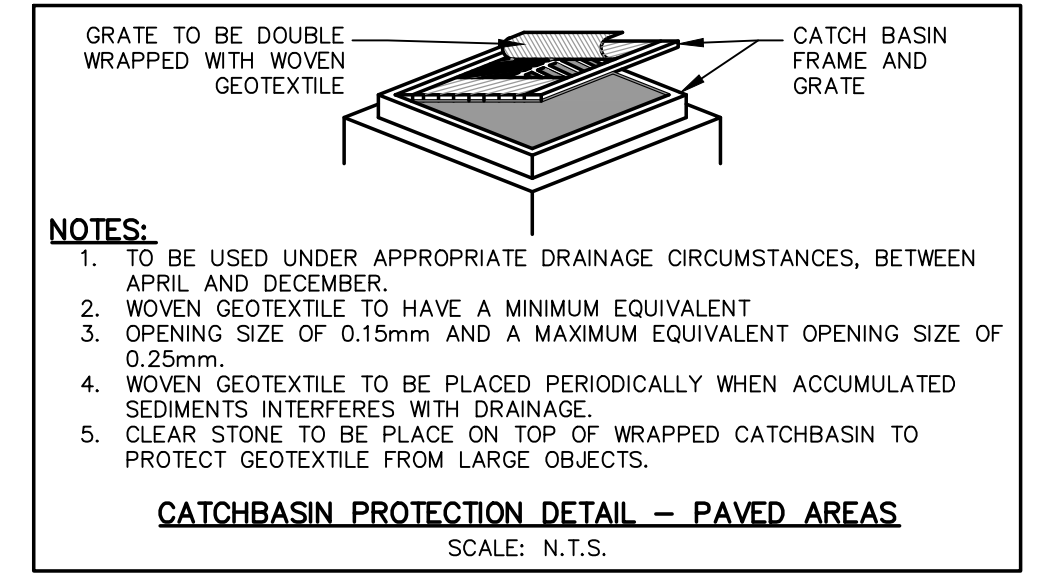
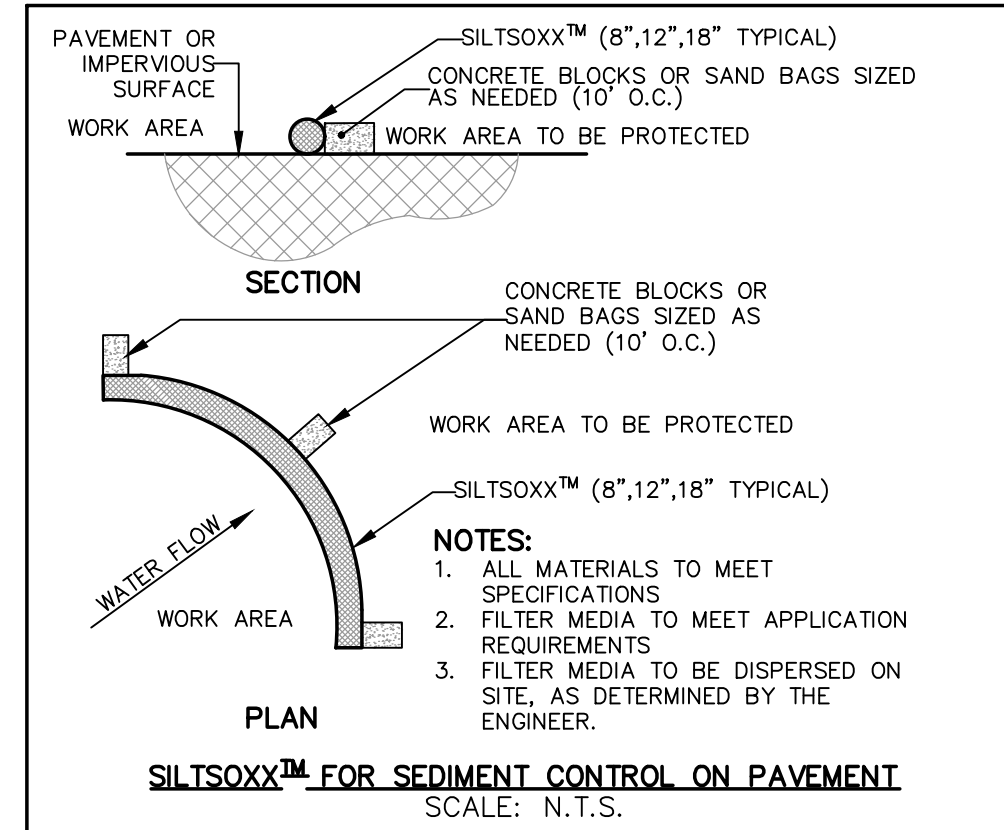
- NOTES:**
1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
 2. SURVEY PREPARED BY: RUDY MACK SURVEYING LTD. O.L.S. DATED: MARCH 9, 2021
 3. DO NOT SCALE DRAWINGS
 4. REPORT ALL ERRORS, OMISSIONS OR DISCREPANCIES TO URBAN WATERSHED GROUP LIMITED IMMEDIATELY UPON DISCOVERY.
 5. USE ONLY LATEST REVISED DRAWINGS OR THOSE THAT ARE MARKED "ISSUED FOR CONSTRUCTION".
 6. THE DRAWINGS ARE THE PROPERTY OF URBAN WATERSHED GROUP LIMITED AND MUST BE RETURNED ON COMPLETION OF THE PROJECT. ANY UNAUTHORIZED USE OF THIS PLAN IS PROHIBITED.

GENERAL NOTES:

1. THESE NOTES APPLY TO ALL WORKS UNDER THIS CONTRACT UNLESS OTHERWISE NOTED ELSEWHERE ON THIS OR OTHER PLANS AND/OR ON SPECIFIC DETAILS.
2. THE STANDARD DRAWINGS OF CITY OF BARRIE, ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS (OPSS) AND THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) CONSTITUTE PART OF THE PLANS OF THIS CONTRACT.
3. ORDER OF PRECEDENCE OF STANDARD DRAWINGS IS FIRSTLY CITY OF BARRIE STANDARD DRAWINGS AND SECONDLY ONTARIO PROVINCIAL STANDARD DRAWINGS
4. TRAFFIC CONTROLS TO CONFORM TO THE LATEST REVISION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND ONTARIO TRAFFIC MANUAL TEMPORARY CONDITIONS (BOOK 7).
5. THE STANDARD DRAWINGS INCLUDED WITH THESE PLANS ARE FOR CONVENIENCE ONLY AND ARE NOT TO BE CONSTRUED TO BE A COMPLETE SET FOR THE PURPOSE OF THE CONTRACT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN CURRENT STANDARDS, STANDARD DRAWINGS AND SPECIFICATIONS REQUIRED FOR THIS CONTRACT.
6. ALL PROPOSED CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS. ALL TRENCHING TO BE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
7. ALL DIMENSIONS ARE IN METRES AND ALL DIAMETERS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED ON DRAWINGS.
8. ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION AND ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
9. EXISTING SERVICES AND UTILITIES SHOWN ON THESE CONTRACT DRAWINGS ARE BASED ON THE BEST INFORMATION AVAILABLE AND THEIR LOCATIONS ARE NOT GUARANTEED. THE CONTRACTOR SHALL INTERPRET THIS INFORMATION AS HE WISHES WITH THE UNDERSTANDING THAT THE OWNER AND ENGINEER DISCLAIM ALL RESPONSIBILITY FOR ITS ACCURACY AND/OR SUFFICIENCY. THE CONTRACTOR IS REQUIRED TO NOTIFY THE VARIOUS UTILITY COMPANIES 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.
10. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY EACH UTILITY PRIOR TO CONSTRUCTION. ANY RELOCATION OF UTILITIES REQUIRED FOR THE DEVELOPMENT OF THE SUBJECT LANDS IS TO BE UNDERTAKEN AT THE OWNER'S EXPENSE.
11. THE CONTRACTOR SHALL OBTAIN A ROAD OCCUPANCY PERMIT FROM THE CITY OF BARRIE PRIOR TO CARRY OUT THE WORKS IN THE BOULEVARD / ROW.

EROSION AND SEDIMENT CONTROL NOTES:

1. ALL SEDIMENT CONTROL DEVICES ARE TO BE IN PLACE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL THE PARKING LOT HAS BEEN PAVED AND THE GRASS HAS ESTABLISHED GROWTH, SUBJECT TO APPROVAL BY THE ENGINEER. ALL SEDIMENT CONTROLS ARE TO BE REGULARLY INSPECTED AND REPAIRED BY THE CONTRACTOR THROUGHOUT THE DURATION OF CONSTRUCTION.
2. ALL SEDIMENT CONTROL FENCING TO BE ERRECTED PRIOR TO COMMENCEMENT OF ANY GRADING OPERATIONS AS PER CITY OF BARRIE STD. BSD-1233.
3. BAYFIELD STREET TO BE MAINTAINED FREE OF MUD, DEBRIS ETC. THROUGH AN ONGOING PROGRAM OF STREET SWEEPING, CLEANING AND SCRAPPING AS REQUIRED.
4. CATCHBASIN PROTECTION DEVICES TO BE INSTALLED ON ALL PROPOSED CATCHBASINS IMMEDIATELY AFTER THEIR INSTALLATION.
5. TYPICAL MAINTENANCE REQUIREMENTS OF THE SILT FENCE AND CATCHBASIN PROTECTION DEVICES MAY INCLUDE: CLEANING / REPAIRING AND/OR REPLACEMENT OF WOVEN GEOTEXTILE MATERIAL.
6. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED BY THE CONTRACTOR, TO THE SATISFACTION OF THE CITY OF BARRIE AND THE SITE ENGINEER.
7. SILT FENCE AND CATCHBASIN SEDIMENT PROTECTION DEVICES MUST BE INSPECTED A MINIMUM OF ONCE EVERY WEEK AND IMMEDIATELY FOLLOWING A SIGNIFICANT RAINFALL EVENT (RAINFALL 1CM OR GREATER). SEDIMENT PROTECTION MUST BE INSPECTED AND REPAIRED AS NECESSARY TO PREVENT ANY OFFSITE ENVIRONMENTAL IMPACTS AS PER CITY OF BARRIE LAW 2014-100. FREQUENT OBSERVATIONS OF CATCH BASINS SHOULD BE CONDUCTED.
8. WEEKLY INSPECTIONS OF SILTATION AND EROSION CONTROL MEASURES SHALL BE CONDUCTED ESPECIALLY AFTER EVERY RAIN EVENT. ANY NECESSARY REPAIRS TO EROSION CONTROL MEASURES ARE TO BE MADE IMMEDIATELY.
9. A SPILL CONTINGENCY PLAN THAT INCLUDES CONTACT INFORMATION AND ACTIONS TO BE TAKEN IN THE EVENT OF SPILL TO THE NATURAL ENVIRONMENT AND/OR THE CITY OF BARRIE STORM SEWER IS REQUIRED. ALL SPILLS SHALL BE REPORTED TO THE MINISTRY OF ENVIRONMENT AND CLIMATE CHANGE SPILL ACTION CENTRE. BEFORE ANY SITE ALTERATION WITHIN THE SUBJECT PROPERTY, THE CONTRACTOR WILL APPLY FOR A SITE ALTERATION PERMIT, AS DESCRIBED WITHIN BY-LAW 2014-100.
11. A SPILL CLEAN-UP PLAN MUST BE PLACE AND ALL SPILLS SHALL BE REPORTED TO THE MINISTRY OF ENVIRONMENT AND CLIMATE CHANGE SPILLS ACTION CENTRE AT 1-800-268-6060.
12. WRITTEN DOCUMENTATION WILL BE REQUIRED FOR ANY EXCESS FILL WHICH IS REMOVED FROM THE SITE, CONFIRMING QUANTITY AND QUALITY IS ACCEPTABLE FOR THE RECEIVING SITE. FILL QUALITY TO MEET STANDARDS SET OUT IN O.REG 153/04 WITH RESPECT TO CONTAMINANTS.
13. PRIOR TO DISCHARGE TO MUNICIPAL SEWERS FOR DE-WATERING A DISCHARGE AGREEMENT MUST BE APPROVED BY ENVIRONMENTAL SERVICES, AS PER THE SEWER USE BY-LAW 2012-172.



- NOTES:**
1. TO BE USED UNDER APPROPRIATE DRAINAGE CIRCUMSTANCES, BETWEEN APRIL AND DECEMBER.
 2. WOVEN GEOTEXTILE TO HAVE A MINIMUM EQUIVALENT OPENING SIZE OF 0.25mm.
 3. OPENING SIZE OF 0.15mm AND A MAXIMUM EQUIVALENT OPENING SIZE OF 0.25mm.
 4. WOVEN GEOTEXTILE TO BE PLACED PERIODICALLY WHEN ACCUMULATED SEDIMENTS INTERFERES WITH DRAINAGE.
 5. CLEAR STONE TO BE PLACE ON TOP OF WRAPPED CATCHBASIN TO PROTECT GEOTEXTILE FROM LARGE OBJECTS.
- CATCHBASIN PROTECTION DETAIL - PAVED AREAS**
SCALE: N.T.S.

- NOTE:**
- ALL DRAWINGS IN THIS SET SHALL BE READ IN CONJUNCTION WITH EACH OTHER. DRAWINGS INCLUDE THE FOLLOWING:
1. SITE GRADING PLAN - DWG No. 21002- GR1
 2. SITE SERVICING PLAN - DWG No. 21002- SS1
 3. SITE EROSION & SEDIMENT CONTROL - DWG No. 21002- ESC1

| NO. | DESCRIPTION | BY | DATE |
|------------------|-------------------------------|----|------------|
| 2. | ISSUED FOR SITE PLAN APPROVAL | | 2021/06/07 |
| 1. | ISSUED FOR CLIENT REVIEW | | 2021/04/16 |
| REVISIONS | | | |

BENCHMARK:

ELEVATION:
ELEVATIONS ARE GEODETIC IN ORIGIN AND WERE DERIVED FROM OBSERVED REFERENCE POINTS (ORP) USING THE LEICA SMARTNET NETWORK (2010 EPOCH) AND ARE REFERRED TO THE CGVD28-1978 (HTV2.0) DATUM.

BEARING NOTE:
BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS, BY REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17, NAD83 (CGRS) (2010 EPOCH). FOR BEARING COMPARISONS, A ROTATION OF 00°54'19" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON P1.

- LEGEND:**
- ×252.55 PROPERTY LINE EXISTING ELEVATION
 - EXISTING SHEET FLOW
 - PROPOSED SHEET FLOW
 - EXISTING VALVE & BOX
 - EXISTING HYDRANT & VALVE
 - EXISTING STORM MANHOLE
 - EXISTING SINGLE/DOUBLE CATCHBASIN
 - EXISTING SANITARY MANHOLE
 - CATCHBASIN PROTECTION DETAIL PAVED AREAS SEE DETAIL THIS SHEET
 - SEDIMENT CONTROL ON PAVEMENT SEE DETAIL THIS SHEET



CONSULTANT:

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A Member of the **GREENLAND** Group of Companies
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|------------------------|---------------------------------------|
| DESIGNED BY: P. ELLIS | DATE: MAR 10, 2021 |
| DRAWN BY: B. KLESS | SURVEYED BY: RUDY MACK SURVEYING LTD. |
| CHECKED BY: J. HARTMAN | DWG. No. 21002-ESC1 |
| SCALE: 1:300 | |

PROJECT NAME:
PROPOSED RETAIL DEVELOPMENT - REXALL PHARMACY GROUP LTD
BAYFIELD STREET
BARRIE, ONTARIO CITY FILE: D28-056-2020

DRAWING NAME:
SITE EROSION & SEDIMENT CONTROL PLAN

C:\URBAN\PROJECTS\WORKING\21002 - REXALL BARRIE - 2021-06-07 - R2\21002 - REXALL BARRIE - 2021-06-07.dwg
Date Plotted: Jun 08, 2021 - 2:45pm