

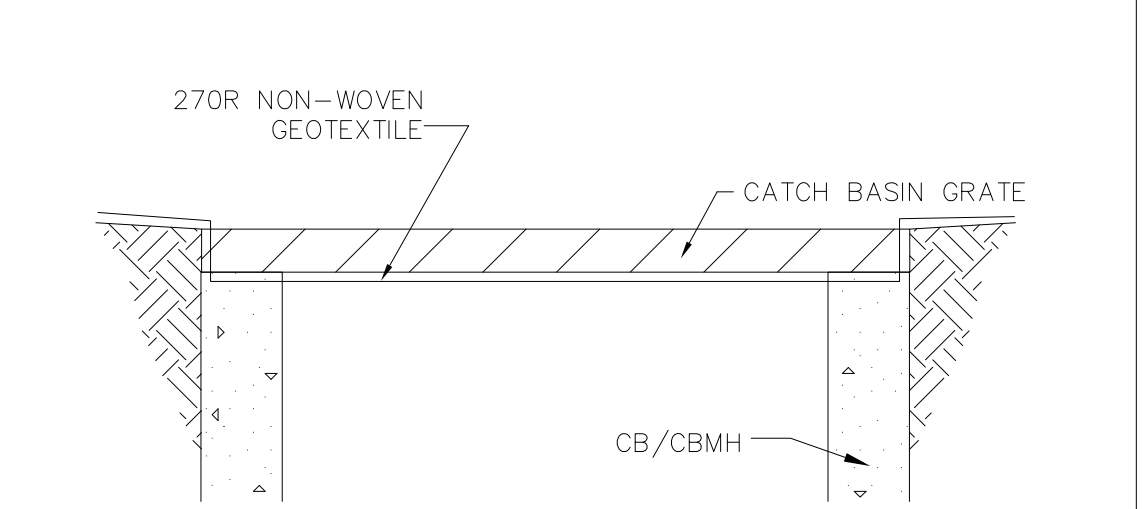
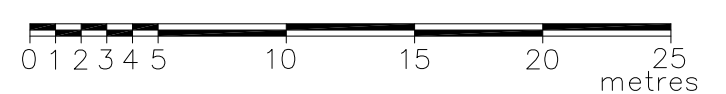
KEY PLAN
SCALE: NTS

APPLICANT:
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RICHMOND HILL, ONTARIO. L4B 3J9
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MUNICIPAL ADDRESS & LEGAL DESCRIPTION:
12544 HIGHWAY 50,
BOLTON, ONTARIO
REGISTERED PLAN - PART 1 PLAN OF
PART OF LOT 3 CONCESSION 6
(GEOGRAPHIC TOWNSHIP OF ALBION)
TOWN OF CALEDON
(REGIONAL MUNICIPALITY OF PEEL)

OWNER:
RAGBIR GALATHY
12544 HWY 50
BOLTON, ONTARIO

TOPOGRAPHIC INFORMATION:
TOPOGRAPHIC INFORMATION TAKEN FROM
GTA GREATER TORONTO ACRES SURVEYING
INC.
7003 STEELES AVE. WEST UNIT-12,
TORONTO ON M9W 0A2
T.: - (416)679-0572 Fax: - (416)679-0573
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CATCHBASIN BUFFER
ALL CATCHBASINS/CATCHBASIN MH
N.T.S.

BEARING NOTE:
BEARINGS ARE ASTRONOMIC AND ARE
REFERRED TO THE SOUTHWESTERLY LIMIT
OF HIGHWAY 50, HAVING A BEARING OF
N44°49'07"W ACCORDING TO PLAN
43R-15539

ELEVATION NOTE:
ELEVATIONS ARE GEODETIC AND ARE
REFERRED TO THE TOWN OF CALEDON
BENCHMARK NO. 00819758057, HAVING A
PUBLISHED ELEVATION OF 251.929 METRES.

LEGEND

- ▲ HYDRANT AND VALVE
- ▲ VALVE & BOX
- VALVE & CHAMBER
- PROPOSED STORM MANHOLE
- PROPOSE SANITARY MANHOLE
- ▲ CATCHBASIN WITH BUFFER
- KIOSK
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- STREET LIGHT
- PROPERTY BOUNDARY
- SILT FENCE
- MUD MAT
- BARRIER CURB

STOCKPILE NOTE:
MAX. ANGLE OF REPOSE SHOULD BE
1:2.
• INSPECT STOCKPILES AS SOON
AS POSSIBLE FOLLOWING A
STORM THAT CAUSES EROSION
AND PERFORM NECESSARY
MAINTENANCE.
• FREQUENT OBSERVATION AND
MAINTENANCE ARE NECESSARY
TO MAINTAIN BMPs (BEST
MANAGEMENT PRACTICES) IN
EFFECTIVE OPERATION CONDITION.

SEDIMENT BAG NOTE:
INSPECTION AND MAINTENANCE
1. INSPECT DAILY DURING ACTIVE PUMPING INTO THE BAG TO ENSURE THAT THERE ARE NO TEARS OR LEAKS IN THE SEALS OR THE BAG, AND ALSO CHECK THAT THE DISCHARGE FROM THE BAG IS NOT CAUSING EROSION UNDERNEATH IT OR ANYWHERE ALONG THE FLOW PATH FROM THE BAG TO THE RECEIVER. KEEP A RECORD OF THE INSPECTION.
2. WHERE THERE IS EVIDENCE OF EROSION, RE-CONSIDER WHETHER STABILIZATION IS ADEQUATE TO PROTECT AGAINST EROSION BASED ON THE FLOWS COMING OUT OF THE BAG. CONFIRM THAT THE PUMPS AND BAG SIZE ARE CONTINUING TO PROVIDE THE DESIRED LEVEL OF WATER TREATMENT. WHERE SEDIMENT LEVELS IN DISCHARGED WATER REMAIN ELEVATED, CONSIDER ADDING OR REPLACING WITH A DIFFERENT DEWATERING PRACTICE (E.G. WEIR TANKS) TO PROVIDE ADDITIONAL SEDIMENT REMOVAL. INSPECT BAG TO DETERMINE WHETHER IT IS FULL AND REQUIRES REPLACEMENT.
3. WHERE THE BAG IS DAMAGED OR NO LONGER FUNCTIONING, CEASE PUMPING IMMEDIATELY AND REPLACE OR REPAIR COMPONENTS.
4. REPLACE THE BAG ONCE IT'S NOT FUNCTIONING AND/OR ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. IF THE FLOW THROUGH RATE BEGINS TO DECLINE SIGNIFICANTLY THAT MAY INDICATE THE BAGS IS FULL AND REQUIRES REPLACEMENT. THE AMOUNT OF SEDIMENT CONTAINED IN THE BAG CAN ALSO BE CONFIRMED ONCE PUMPING IS CEASED AND THE BAG IS LEFT TO DRAIN.
5. KEEP ADDITIONAL BAG(S) ON SITE SO THAT REPLACEMENT CAN BE HANDLED QUICKLY WHEN NEEDED.
6. ANY REPAIR OR MAINTENANCE NEEDS IDENTIFIED SHOULD BE REPAIRED WITHIN 48 HOURS OR SOONER IF NATURAL RECEPTORS ARE AT IMMINENT AND FORESEEABLE RISK OF ADVERSE IMPACT.

DECOMMISSIONING
1. ALLOW BAG TO DRAIN OVER TIME UNTIL THE BULK OF THE WATER IS GONE.
2. REMOVE BAG WITH MINIMAL DISTURBANCE TO STABILIZED AREAS OR NEARLY NATURAL FEATURES. THE FULL BAG
SHOULD NEVER BE LIFTED OVER A WATER FEATURE OR A PERSON.
3. DISPOSE OF OR REUSE SEDIMENT BASED ON ITS QUALITY AND THE REQUIREMENTS STATED IN EXISTING EXCESS
SOIL POLICY AND LEGISLATION.
4. PROPERLY DISPOSED OF THE SEDIMENT BAG.
5. CLEAN AND RESTORE THE SEDIMENT BAG LAY DOWN AREA.

TOWN OF CALEDON EROSION AND SEDIMENT CONTROL NOTES

- ALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF WORKS ON SITE AND SHALL BE MAINTAINED DURING ALL CONSTRUCTION PHASES OF THE WORKS.
- THE ESC STRATEGIES OUTLINED ON THIS PLAN ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO PREVENT SEDIMENT RELEASE OUTSIDE THE WORK AREA. THE TOWN IS TO BE ADVISED OF ANY CHANGES TO ESC MEASURES, AND AT THE DISCRETION OF THE TOWN, UPDATED PLANS MAY BE REQUIRED.
- THE CONTRACTOR IS TO ASSIGN AN ENVIRONMENTAL MONITOR (EM) TO ASSURE CONSTRUCTION ACTIVITIES COMPLY WITH THE ENVIRONMENTAL PROVISIONS AND AGENCY PERMITS. THE EM WILL BE A QUALIFIED PERSON AS DETERMINED BY THE TOWN AND/OR CONSERVATION AUTHORITY. THE EM SHOULD SUBMIT INSPECTION FORMS ELECTRONICALLY TO THE TOWN AND CONSERVATION AUTHORITY UPON REQUEST.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ESC MEASURES IN WORKING CONDITION AT ALL TIMES TO THE SATISFACTION OF THE TOWN AND/OR CONSERVATION AUTHORITY. ALL DAMAGED ESC MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS OF THE INSPECTION. THE CONTRACTOR SHALL ROUTINELY INSPECT ALL ESC DEVICES TO ENSURE PROPERTY WORKING ORDER. FREQUENCY OF INSPECTIONS OF ESC MEASURES IS AS FOLLOWS:
DURING EARTHWORKS ACTIVITIES:
• ON A WEEKLY BASIS;
• PRIOR TO PREDICTED RAINFALL EVENTS;
• AFTER EVERY RAINFALL EVENT;
• AFTER SIGNIFICANT SNOWMELT EVENT; AND
• DAILY DURING EXTENDED RAIN OR SNOWMELT PERIODS.
DURING TIMES OF NO EARTHWORKS ACTIVITY:
• ONCE EVERY 2 WEEKS;
• AFTER SIGNIFICANT SNOWMELT EVENTS;
• AFTER SIGNIFICANT RAINFALL EVENTS (MORE THAN 25MM OF RAINFALL IN A 24 HOUR PERIOD).
- ALL CONSTRUCTION VEHICLES MUST ENTER AND EXIT THE SITE ONLY FROM THE APPROVED ACCESS ROUTE(S) AS SHOWN ON THE PLANS. CONSTRUCTION ACCESS WILL BE MAINTAINED TO THE SATISFACTION OF THE TOWN/REGION. STREET SWEEPING IS REQUIRED AS NEEDED.
- NO CONSTRUCTION ACTIVITY OR MACHINERY SHALL BE ALLOWED BEYOND THE SILT FENCE OR LIMITS OF THE SITE WORKS.
- THE CONTRACTOR IS RESPONSIBLE TO IMPLEMENT DUST CONTROL MEASURES AND CONSTRUCTION BEST PRACTICE GUIDELINES AS APPROVED BY THE TOWN AND/OR CONSERVATION AUTHORITY.
- ALL DISTURBED GROUND LEFT INACTIVE FOR 30 DAYS SHALL BE VEGETATED, SUBJECT TO WEATHER CONDITIONS. DISTURBED AREAS ARE TO BE HYDROSEED (OR APPROVED EQUIVALENT) TO THE SATISFACTION OF THE TOWN. ALL TOPSOIL STOCKPILES SHALL BE SURROUNDED WITH SEDIMENT CONTROL FENCE. THE MAXIMUM SIDE SLOPE SHALL BE 2:1 (H:V). ONCE TOPSOIL STRIPPING IS COMPLETED THE STOCKPILE SHALL BE VEGETATED, SUBJECT TO WEATHER CONDITIONS, BY HYDROSEEDING, OR AN APPROVED EQUIVALENT, TO THE SATISFACTION OF THE TOWN.
- CONTRACTOR SHALL TAKE CARE AND CONTROL SPILLS, FLUIDS AND MATERIALS DURING CONSTRUCTION TO MINIMIZE RISK TO THE ENVIRONMENT.

PERSPECTIVE VIEW

PLAN

SECTION A-A

JOINT DETAIL

NOTE:
All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING
HEAVY-DUTY
SILT FENCE BARRIER
OPSD 219.130

SECTION VIEW

PLAN VIEW

TRCA ESC DESIGN DETAIL
DRAWING TITLE
DEWATERING TREATMENT TRAIN
SCALE: N.T.S.
REV: 1
DATE: MARCH 2019
DWG NO: 01

PLAN

MUD MAT DETAIL
NTS

STONE - 150mmØ QUARRY STONE
LENGTH - AS REQUIRED BUT NOT LESS THAN 30m
THICKNESS - NOT LESS THAN 300mm.
WIDTH - 8m MINIMUM BUT NOT LESS THAN THE WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. FILTER CLOTH WILL NOT BE REQUIRED ON SINGLE
SURFACE WATER - ALL SURFACE WATER FLOWING OR DIRECTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE
MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST
WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED

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A.S. ZIAUDDIN
100233432
03SEP.2020
PROVINCE OF ONTARIO

PROJECT NORTH

NOT FOR CONSTRUCTION

No.	Date	Version	Dwn.
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2.	APRIL 2019	ISSUED FOR SPA-III	AZ
1.	MARCH 2017	ISSUED FOR SPA	SB

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PROJECT:
**GAS STATION
AT 12544 HIGHWAY 50
BOLTON, ON.**

DRAWING TITLE: SPA 2015-0067
R2 15-08

**EROSION & SEDIMENT
CONTROL PLAN**

SITE PLAN FILE NUMBER: SC 2003 - 0035

DRAWN BY: AZ DATE: 01 FEB. 2019
CHECKED BY: AZ SCALE: 1:300
PROJECT NO.: DRAWING NO.:
13-40 C-3