

**STONE SIZE:** THE STONE PAD SHALL BE A MIN. 450 mm THICK. USE 50# mm STONE OR RECLAIMED CONCRETE EQUIVALENT FOR FIRST 10 m FROM ADJACENT ROAD & 150 mm# STONE FOR REMAINDER OF STONE PAD.

**LENGTH:** AS REQUIRED BUT NOT LESS THAN 20 m.

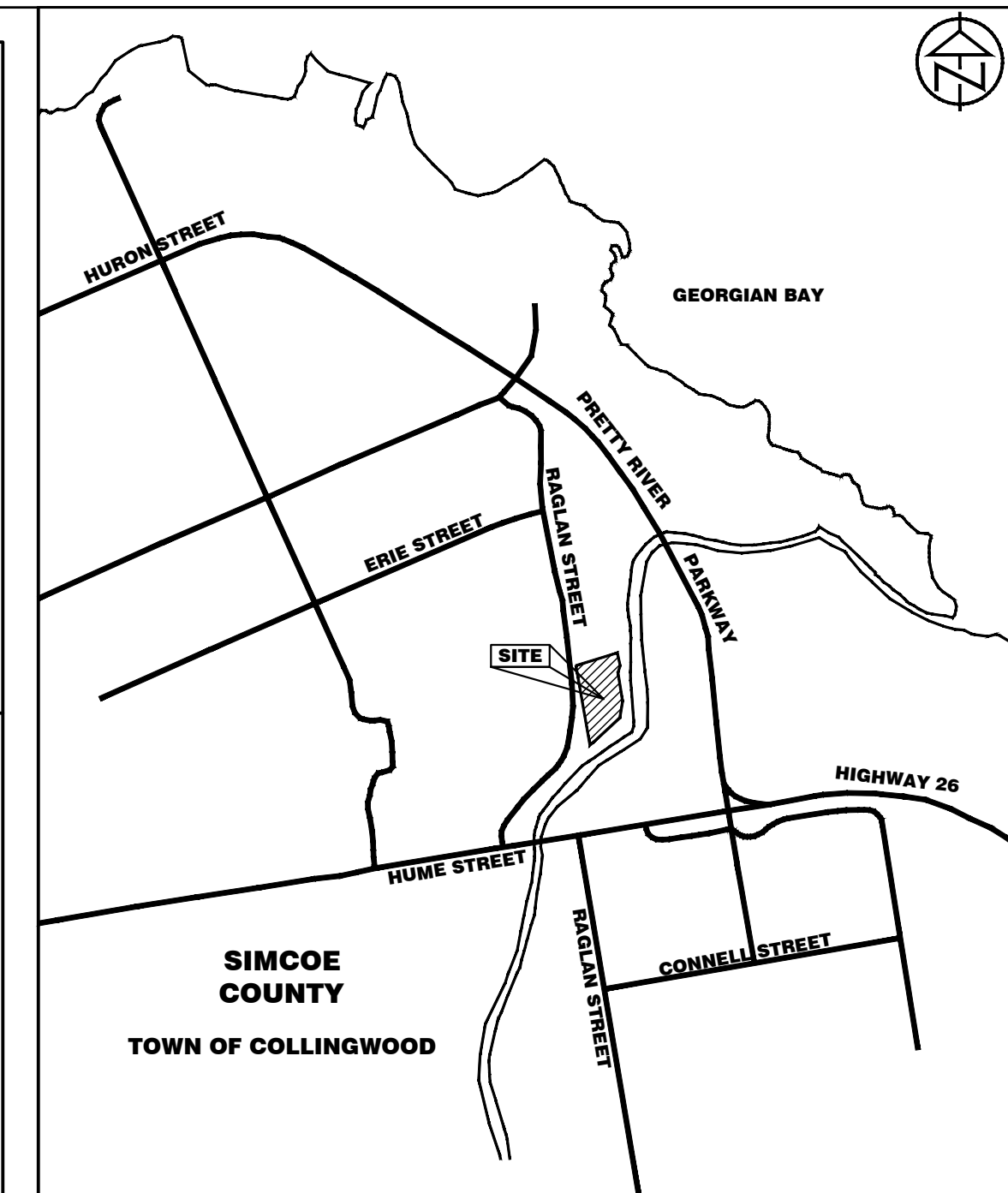
**WIDTH:** 5.0 m MIN. BUT NOT LESS THAN THE WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS.

**GEOTEXTILE FABRIC:** TERRAFIX 270R OR EQUAL TO BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.

**SURFACE WATER:** ALL SURFACE WATER FLOWING OR DIRECTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED ACROSS THE ACCESS.

**MAINTENANCE:** THE CONTRACTOR SHALL MAINTAIN THE MUDMAT IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC 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 BE REMOVED IMMEDIATELY BY THE CONTRACTOR. UPON OBSERVATION OF CONTINUOUS MUD TRACKING ONTO ADJACENT STREETS, THE STONE MUD MAT IS TO BE FULLY REPLACED. INSPECTION AND REQUIRED MAINTENANCE AFTER EACH RAIN EVENT SHALL BE PROVIDED BY THE CONTRACTOR.

**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.



**SILTATION & EROSION CONTROL:**

- A. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED AND VEGETATION IS ESTABLISHED. SEDIMENT AND EROSION CONTROL MEASURES THAT ARE DESIGNED TO CONTROL RUNOFF FROM SPECIFIC AREAS MUST BE INSTALLED PRIOR TO ANY DISTURBANCE OF THAT PART OF THE SITE. THE LOCATION OF ALL SILTATION AND EROSION CONTROL WORKS TO BE REVIEWED ON-SITE AND MAY BE REVISED AS DIRECTED BY THE ENGINEER. EROSION AND SEDIMENT CONTROL MEASURES TO BE REMOVED BY THE CONTRACTOR ONCE GROUND COVER IS ESTABLISHED AND LANDSCAPING IS COMPLETE AND AS APPROVED BY THE ENGINEER.
- B. THE CONTRACTOR SHALL HAVE MATERIALS AVAILABLE ON-SITE TO REPAIR SEDIMENT AND EROSION CONTROL MEASURES IN THE EVENT OF UNFORESEEN CONDITIONS: HIGH WATER, EXTREME RAINFALL EVENTS, ETC.
- C. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSPECTED, CLEANED AND MAINTAINED BY THE CONTRACTOR AFTER EACH STORM EVENT. ALL WORKS WILL BE INSPECTED BY THE ENGINEER BI-WEEKLY AND AFTER EACH MAJOR STORM EVENT.
- D. CONSTRUCTION OF ALL SILTATION AND EROSION CONTROL WORKS ARE TO BE IN ACCORDANCE WITH THE FOLLOWING STEPS:
  1. INSTALL STONE MUD MAT AS PER DETAIL.
  2. INSTALL SILT FENCE IN ACCORDANCE WITH NVCA BSD 23
  3. INSTALL STRAW BALE FLOW CHECK DAMS AS PER OPSD 219.180
  4. INSTALL TEMPORARY CATCH BASIN SEDIMENT TRAPS ON ALL NEW AND EXISTING CATCH BASIN STRUCTURES. SEDIMENT TRAPS TO BE RECTANGULAR CBST BY LAYFIELD OR APPROVED EQUAL. ALL CATCH BASINS TO REMAIN SCREENED UNTIL BINDER COURSE ASPHALT IS PLACED AND LOT GRADING IS COMPLETE.
- F. ALL CONSTRUCTION VEHICLES TO ACCESS SITE USING THE DESIGNATED CONSTRUCTION ACCESS.
- G. STOCKPILE LOCATIONS ARE TO BE APPROVED BY THE ENGINEER.
- H. PROVIDE SNOW FENCE OR APPROVED EQUAL ACROSS ALL CONSTRUCTION ACCESS POINTS DURING PERIODS OF INACTIVITY.
- I. CONSTRUCTION AREAS THAT EXCEED 30 DAYS OF INACTIVITY SHALL BE STABILIZED BY SEEDING AS DIRECTED BY THE TOWN. THIS IS TO INCLUDE STOCKPILES OF FILL AND TOPSOIL.

**LEGEND**

REMOVE ITEM

REMOVE EX. ASPHALT

HEAVY DUTY SILT FENCE

**CONTRACT DRAWINGS**  
 CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER BEFORE COMMENCING WORK. DRAWINGS ARE NOT TO BE SCALED.  
 C.C. TATHAM & ASSOCIATES LTD. CLAIMS COPYRIGHT TO THIS DOCUMENT WHICH MAY NOT BE USED FOR ANY PURPOSE OTHER THAN THAT PROVIDED IN THE CONTRACT BETWEEN THE OWNER/CLIENT AND THE ENGINEER WITHOUT THE EXPRESS CONSENT OF C.C. TATHAM & ASSOCIATES LTD.

**BENCHMARK INFORMATION**  
 TBM 1 ELEV. 186.36  
 REFERRED TO THE TOP OPERATING NUT OF FIRE HYDRANT LOCATED ON THE WEST SIDE OF RAGLAN STREET JUST SOUTH OF MATTHEW WAY (AS PER LEGAL SURVEY)

TOPOGRAPHICAL, LEGAL SURVEY INFORMATION AND LOT DIMENSIONS SHOWN ON THIS PLAN ARE TAKEN FROM A SURVEY PLAN PREPARED BY PATTEN AND THOMSEN, DATED 2016 WHICH MAY NOT BE FINAL AND ARE NOT GUARANTEED. THE FINAL REGISTERED PLAN OF SUBDIVISION SHALL BE REFERRED TO FOR CONFIRMATION OF THE DATA.

NO.	REVISIONS	DATE	INITIAL
2.	SECOND SUBMISSION	JUNE/18	DFM
1.	FIRST SUBMISSION	FEB/18	DFM

APPROVED

**MEMORY CARE FACILITY**  
**TOWN OF COLLINGWOOD**

**SILTATION AND EROSION CONTROL AND REMOVALS PLAN**

**C.C. Tatham & Associates Ltd.**  
 Consulting Engineers

Collingwood Bracebridge Orillia Barrie Ottawa

SCALE: 1:300  
 DESIGN: DAM/DFM  
 DRAWN: DFM

CHECKED: MJC  
 DATE: JAN/18

JOB NO. 117253  
 DWG. **SC-1**