

Scale 1:400

SITE PLAN

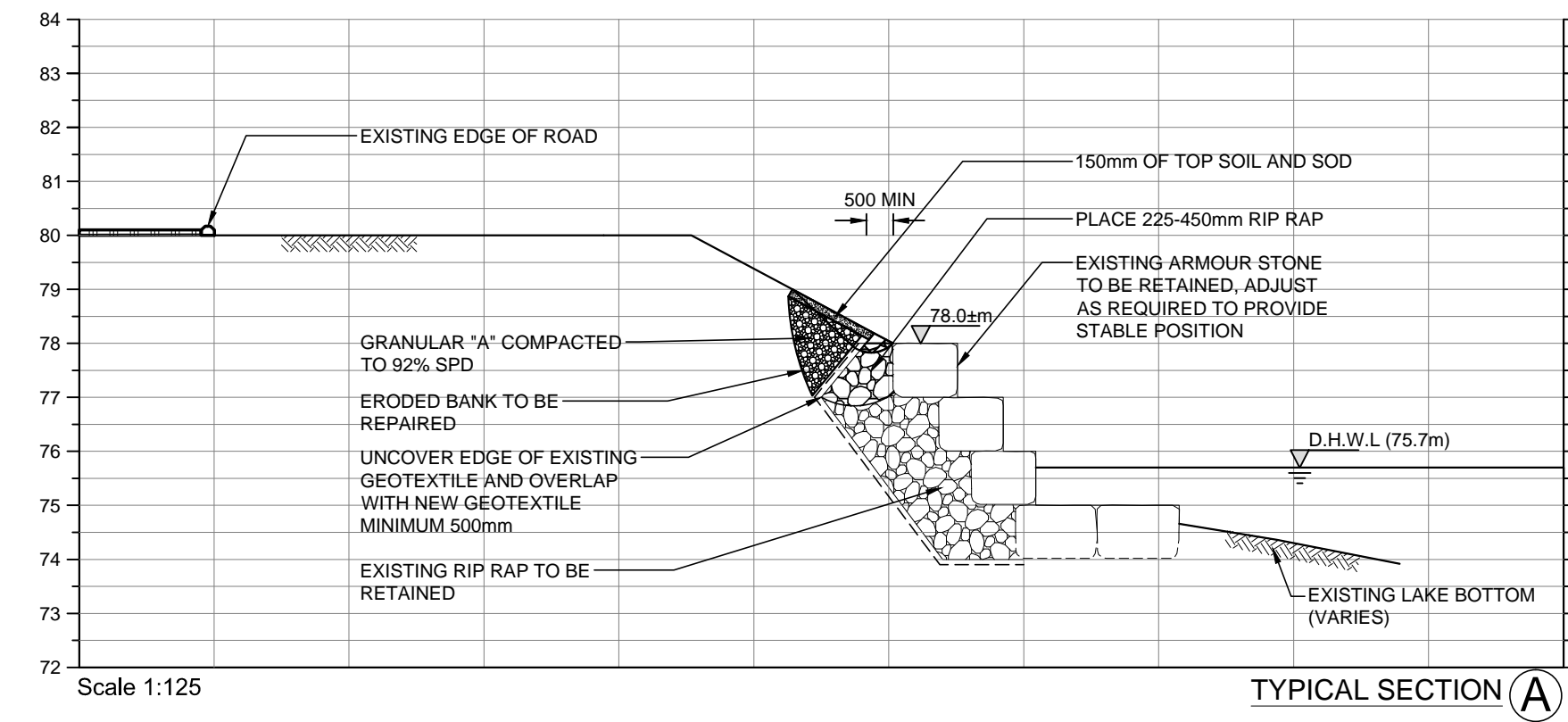


Not to Scale

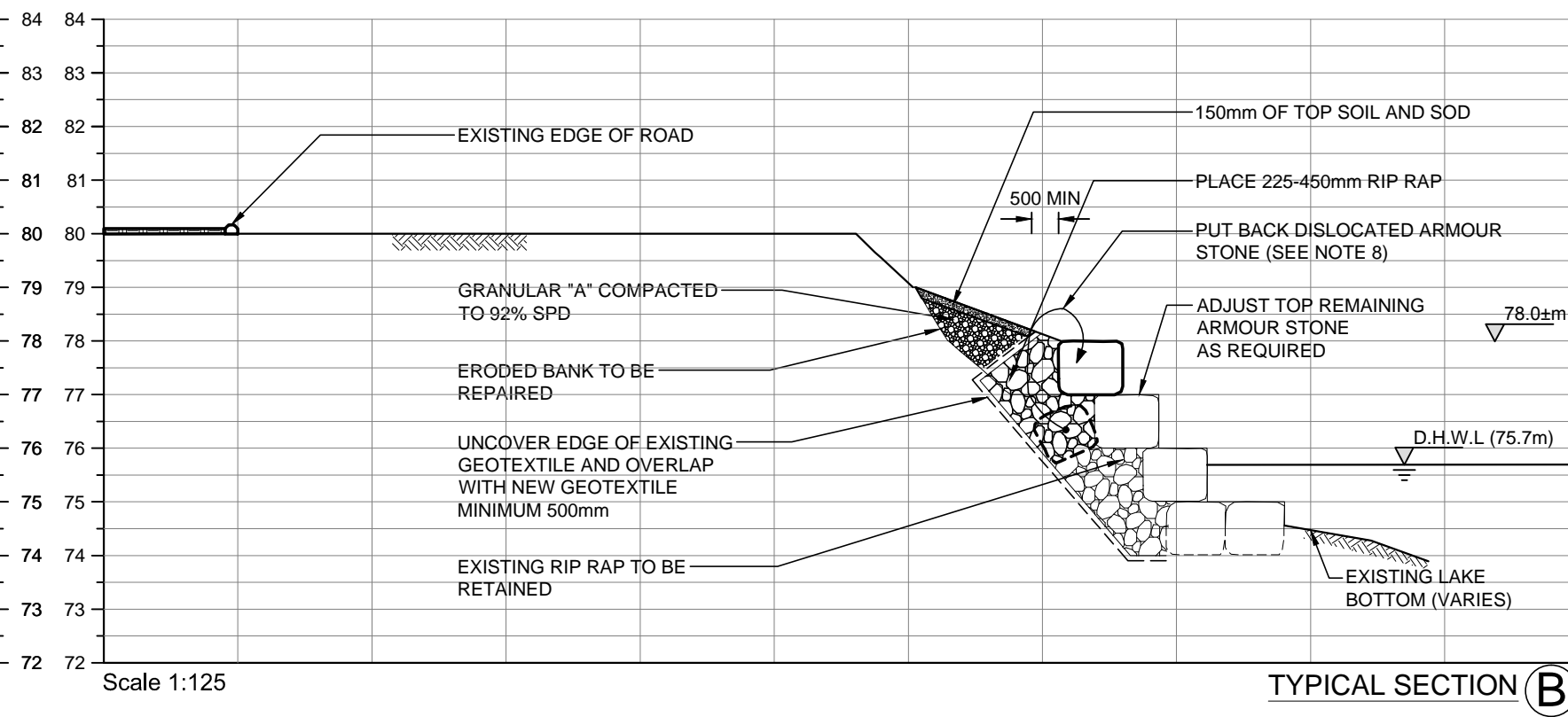
LOCATION PLAN

SPECIFICATIONS:

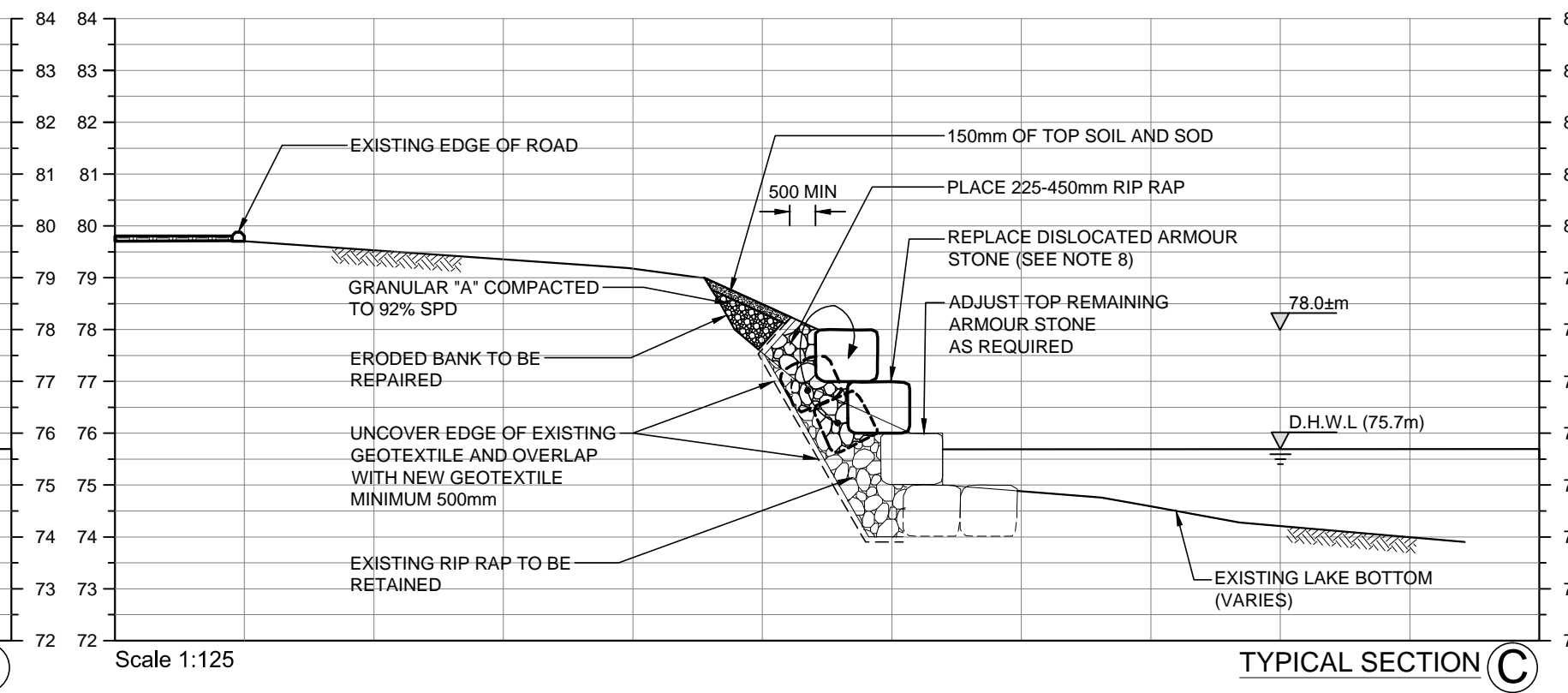
- 1) Work includes preparation of the access to the site, demolition and/or removal of items indicated on the contract drawing or required to complete the specified work, tree and brush removal required to complete the work, adjustment of existing armour stone structures and miscellaneous other site preparation tasks required to complete the specified works, disposal of the derived or excess material in a legal manner, and the restoration of the sites and access routes to existing or better conditions. Erect any silt curtains or fences as required by conditions of approvals and comply with any and all conditions outlined on permits. Use of sand or gravel from the existing beach as fill is not be permitted.
- 2) Riprap stone shall be hard, dense, angular, quarry stone, free from seams, cracks or other structural defects with relative density 2.7, +/-0.15. Riprap material shall be rock, ranging in size from 225 to 450 mm. Minimum 50% of the total volume shall contain stone of individual size greater than 350 mm and not more than 10% of volume shall contain stone less than 250 mm in size. Specified dimensions represent the smallest dimension of individual rock pieces. In case of a dispute regarding the size of material the contractor shall provide scientific proof of size at his expense. Place riprap to lines and grades indicated on the contract drawings.
- 3) Armour stone shall be hard, durable, quarry stone, free from cracks, seam or other defects which may impair durability. Individual stones in masses varying as indicated on the contract drawings. Least dimension of each stone not less than 2/3 of greatest dimension. Relative density of 2.7, +/- 0.15. The stones shall have roughly parallel top and bottom surfaces. The stones shall be angular roughly cubical in shape and suitable for stacking.
- 4) The filter fabric material (geotextile) shall be non-woven pervious, inert and durable. The material shall be Terrafix 800R or approved equal. Provide a minimum of 500 mm overlap width. The slope direction when placing a new section of filter fabric adjacent to a previously placed geotextile. Repair any damaged filter fabric by placing second layer, overlaying the damaged area by not less then 1500 mm in all directions beyond the damaged area.
- 5) Granular A as per OPSS 1010.
- 6) Top soil as per OPSS 802. Sod as per OPSS 803.



TYPICAL SECTION A



TYPICAL SECTION B



TYPICAL SECTION C

GENERAL NOTES

1. All dimensions in millimeters unless indicated otherwise.
2. All elevations in meters, GEODETIC.
3. No in-water work shall be carried out between April 1 and July 1.
4. All equipment shall be refueled at least 30 meters from the lake.
5. GRCA shall be provided with 48 hours notice of start-up of construction.
6. Use geotextile under rip rap wherever fine grained soils are encountered.
7. Details of geometry seawall are not know. Section show presumed conduction. Accuracy not guaranteed.
8. Contractor may be required to supplement existing armour stone with additional imported stones to reinstate the seawall illustrated in section B and C.

2	2018/05/31	Issued for Approval	M.S.
1	2018/05/13	Issued for Review Only	M.S.

No.	Date	Revisions	By

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Project Title
MONK STREET SHORELINE PROTECTION REPAIRS

TOWN OF COBourg

Drawing Title
SITE PLAN, SECTIONS AND SPECIFICATIONS

Drawn By S.M.
Checked By M.S.
Date of Issue
Scale
AS SHOWN

Project No. 17-2769
Sheet No. 1 of 1