





## **NEW BRUNSWICK**













PARISH aquatic services



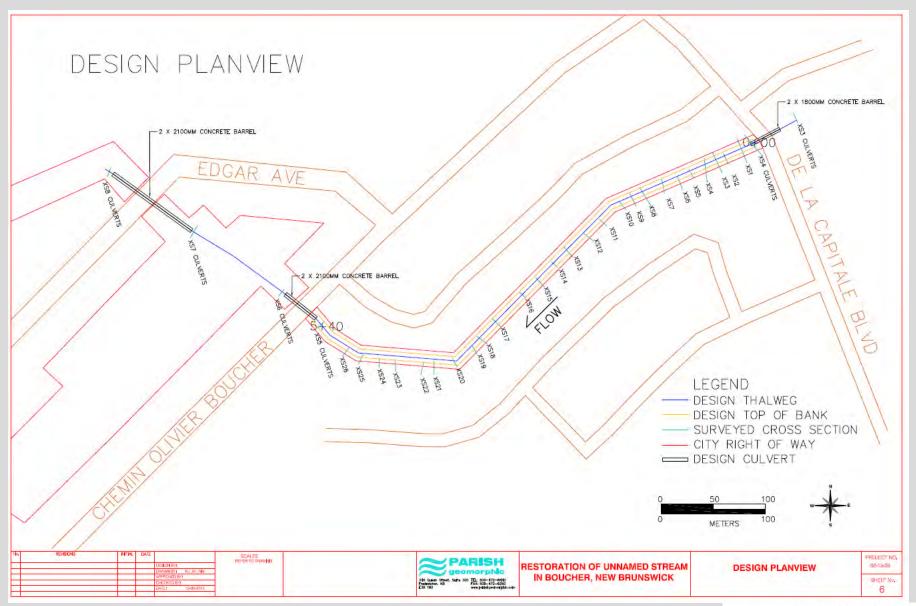




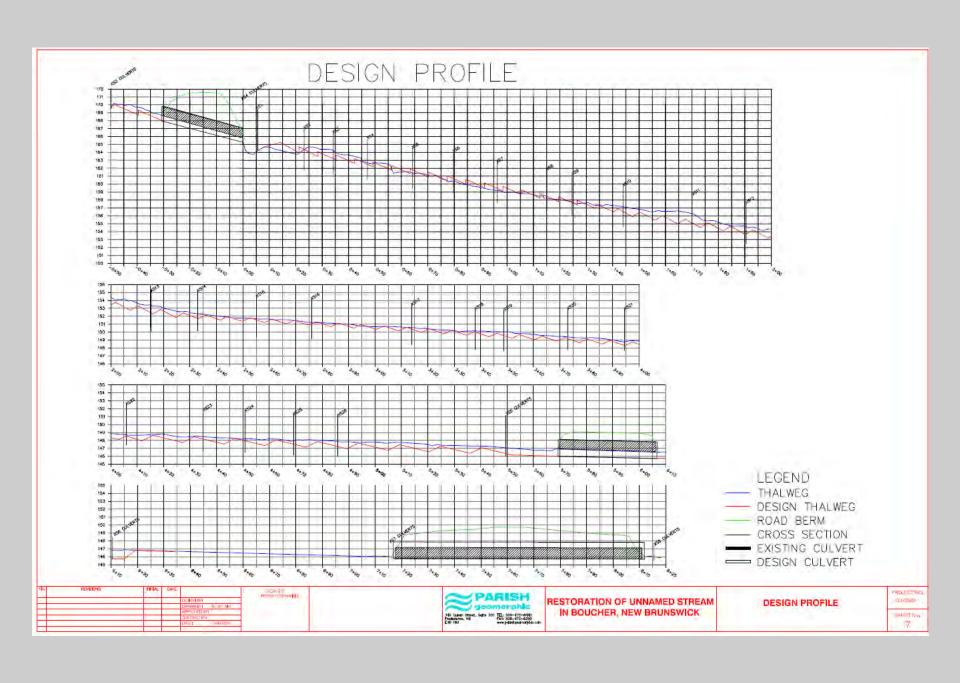




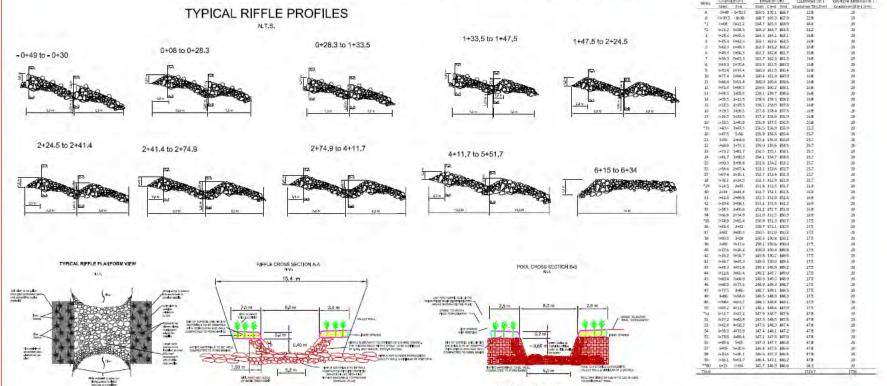








## RIFFLE TYPICALS & MATERIAL QUANTITIES



\*TRANSITION RIFFLE

<sup>2</sup>Basec off of fifty-six 1 m x 1 m x .5 m rocks, two layers 16 m across (8 m channel and 4 m at each end keyed into valley wall) = 32 for crest and two layers 12 m across (8 m channel and 2 m at each end keyed into valley wall) = 24 for pool/end

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RESTORATION OF UNNAMED STREAM IN BOUCHER, NEW BRUNSWICK RIFFLE TYPICALS & MATERIAL QUANTITIES

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<sup>\*\*</sup>Final Backflooding Riffle Structure. Blends into existing elevation at downstream and

<sup>&</sup>lt;sup>1</sup>Quantities do not include extra 4 m on either side into bank for crest and extra 2 m on either side for pool. Also does not include "dig down" amount (~1 m) at end for pool or amounts set into bank above channel bed ending underneath fabric wraps.















































## PARISH Aquatic Services A Division of Matrix Solutions

Dedicated to providing viable solutions and reliable insight to fluvial processes and watercourse concerns with the aim of promoting long-term stability and protection of the environment.



- Professional geoscientists,
- Ecologists and biologists,
- Drafting and GIS technicians,
- Registered engineers.



