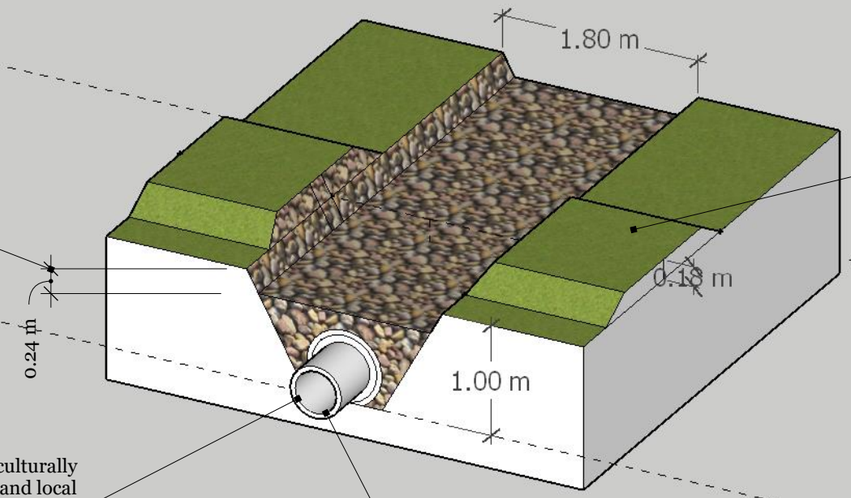
# Bridge Lane Brook - Impoundment (Attenuation) Structure at SE20627 00846

Stone lined overflow set 0.24m below bank top to allow excess flood water pass. The bank tops to be raised on either side by 0.18m to prevent overflow erosion within the field. When attenuated flows rise flood waters will be diverted down the old dried up brook course into the wildlife pond with additional flood storage.




All disturbed and bare ground not covered by local stone protection to be reseeded immediately after works are completed. Channel downstream of the overflow to be protected with additional local stone for a distance of 2m to reduce risks of erosion.

Attenuation pipe laid in the bottom of the existing agriculturally modified brook bottom & covered with onsite material and local stone to resist erosion. Pipe 0.6m x 6m with option to fit 450mm adaptor if more attenuation is required.

Pipe invert is set in the channel bottom allowing all normal water flows and no restriction whatsoever to fish, eel or other species migration upstream.

RWC JB09 Attenuation Structure.

**Langside, Langsett.**

Drawn Roger Wardle - rw.consultancv@btinternet.com

REVISIONS

| | DD/MM/YY | REMARKS |
|---|---|---|
| 1 | 06/01/2023 | Final Version |
| 2 | __/__/__ | ... |
| 3 | __/__/__ | ... |
| 4 | __/__/__ | ... |
| 5 | __/__/__ | ... |