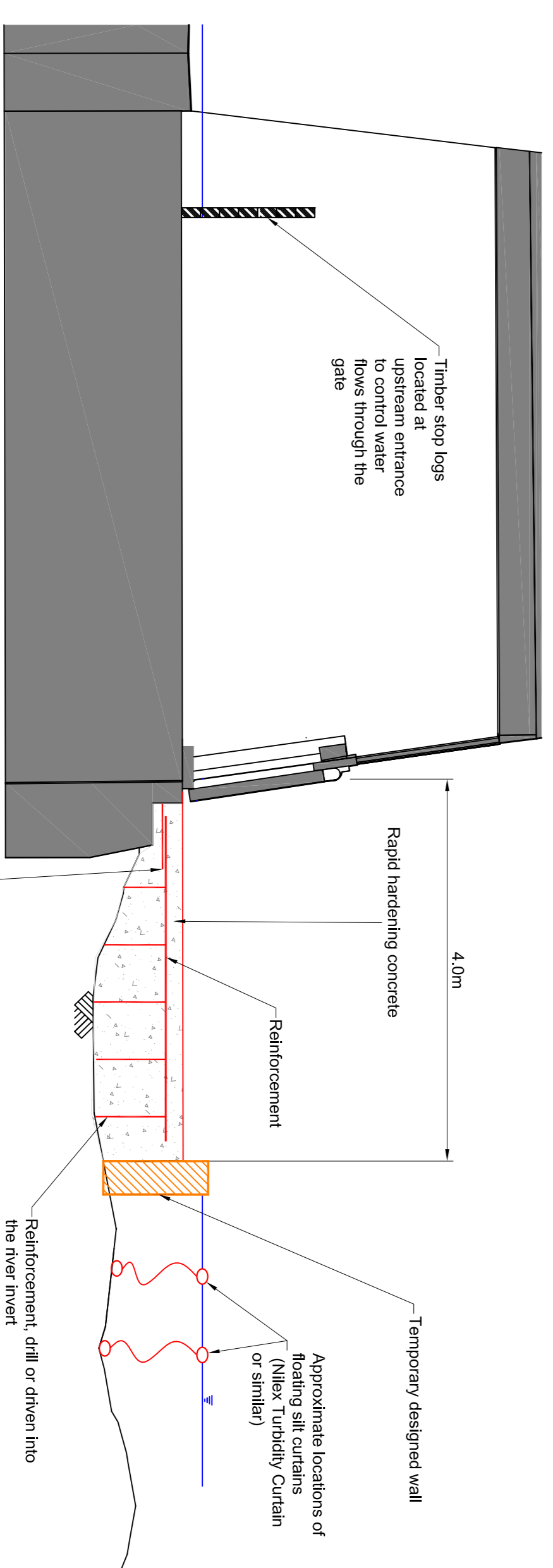
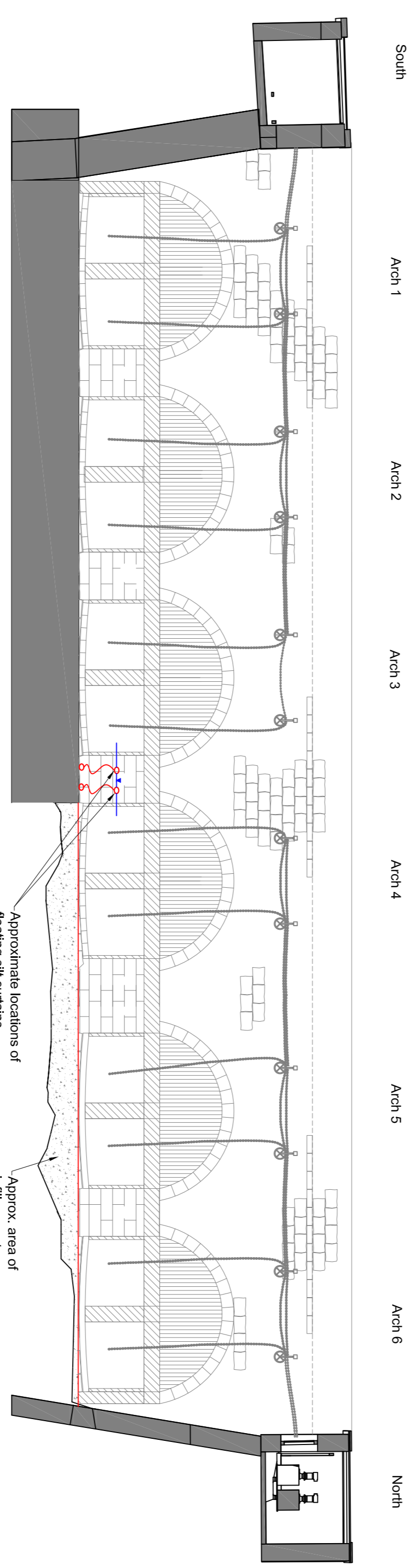
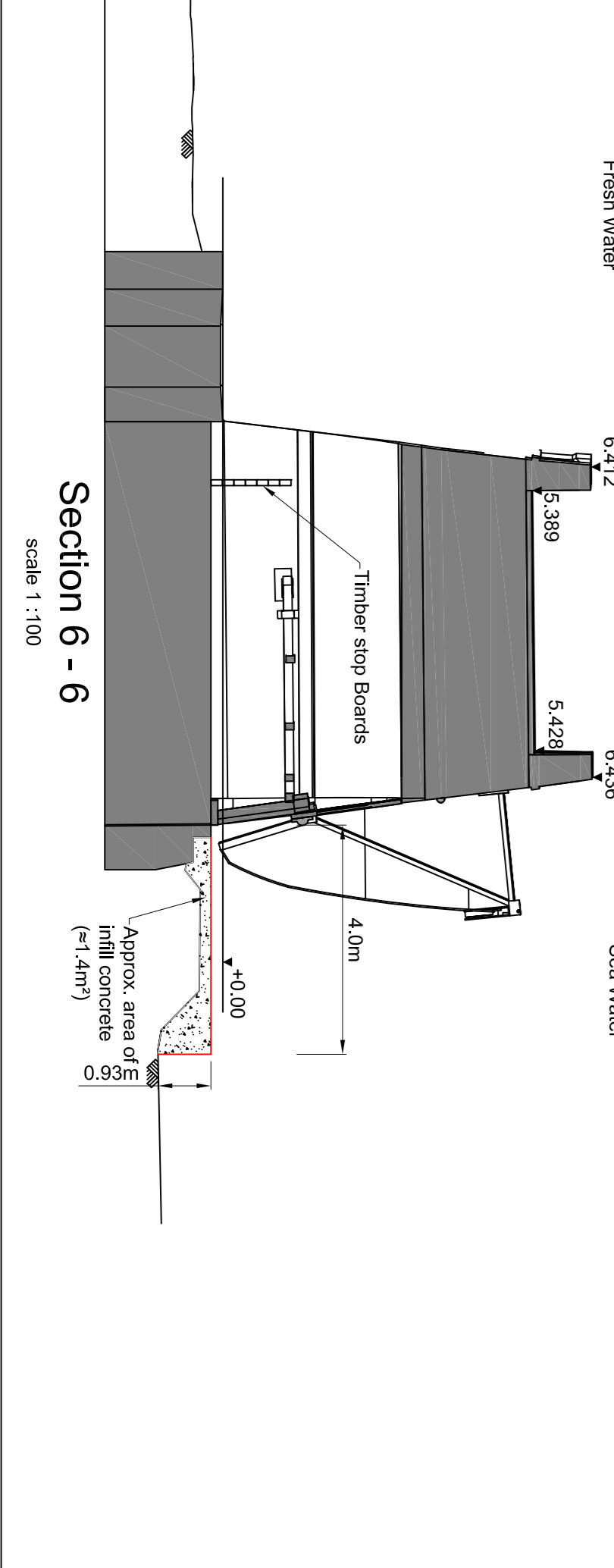
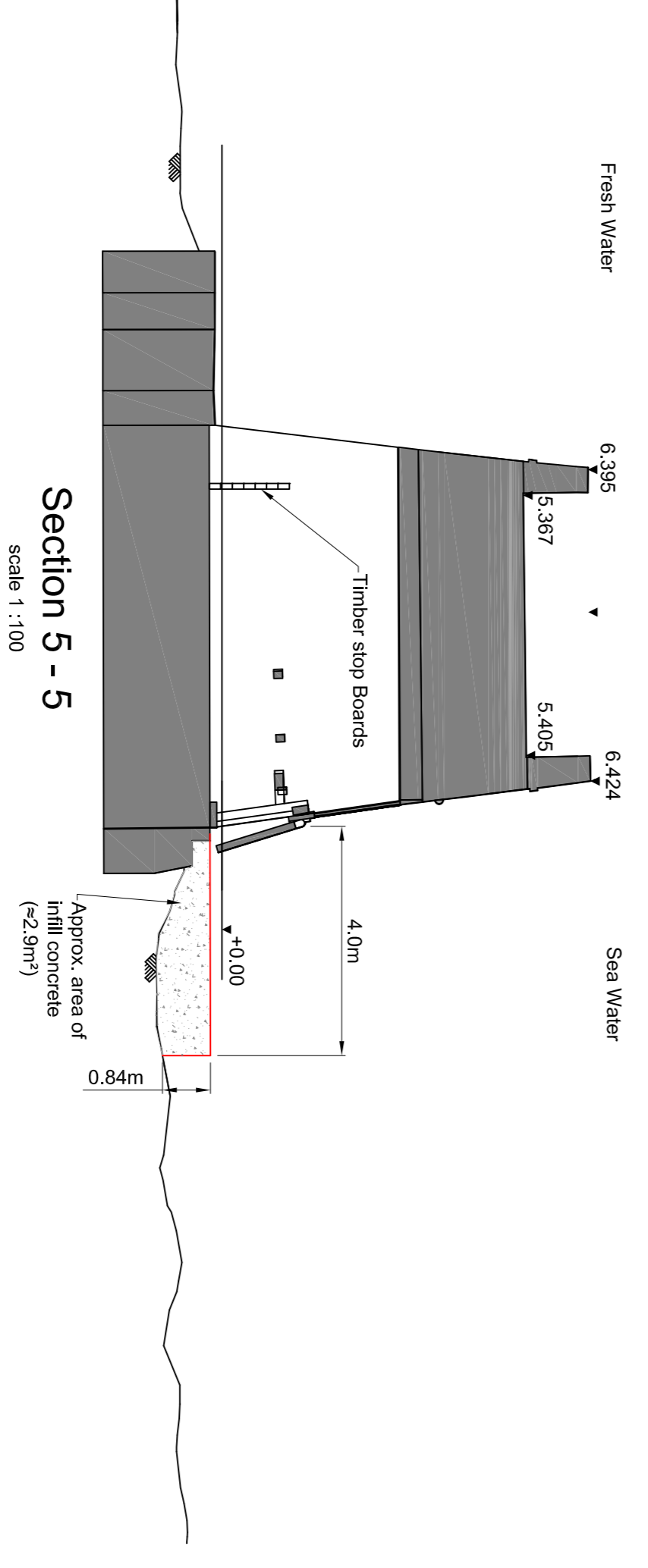
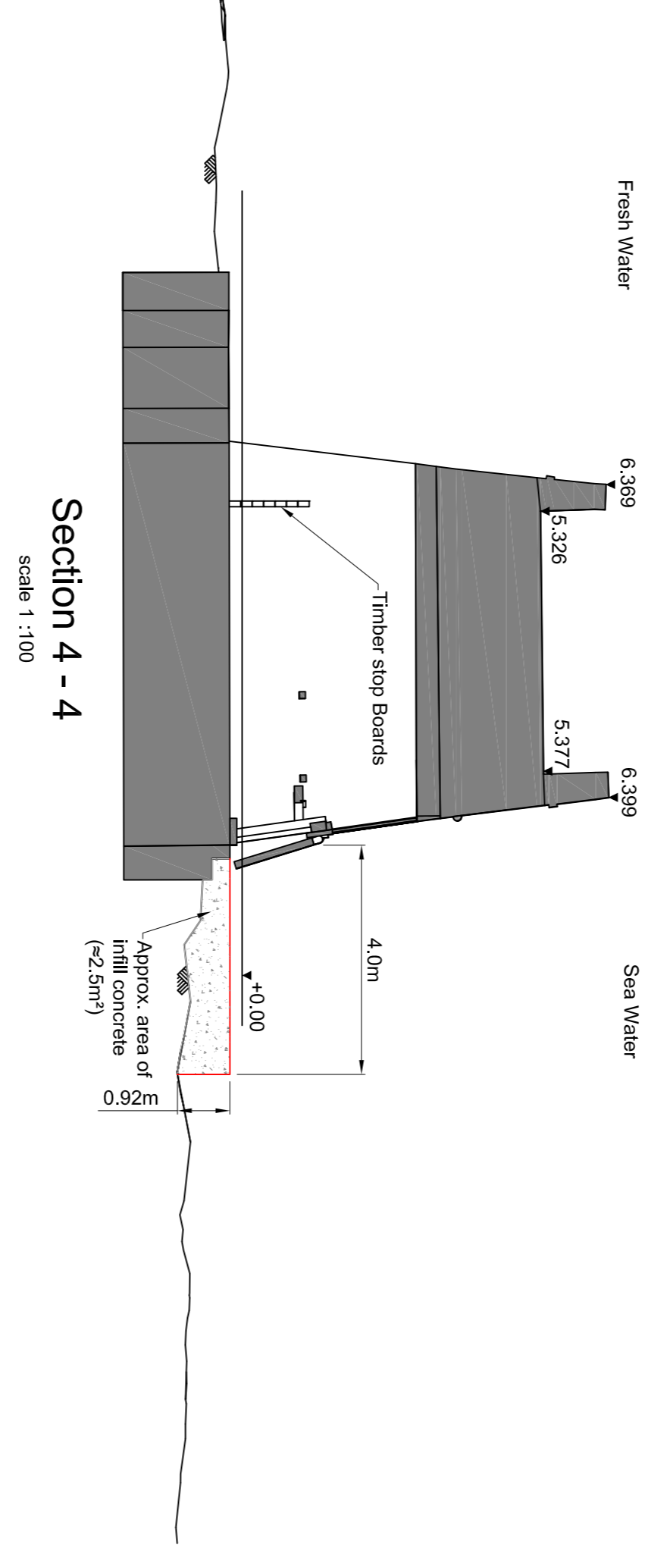
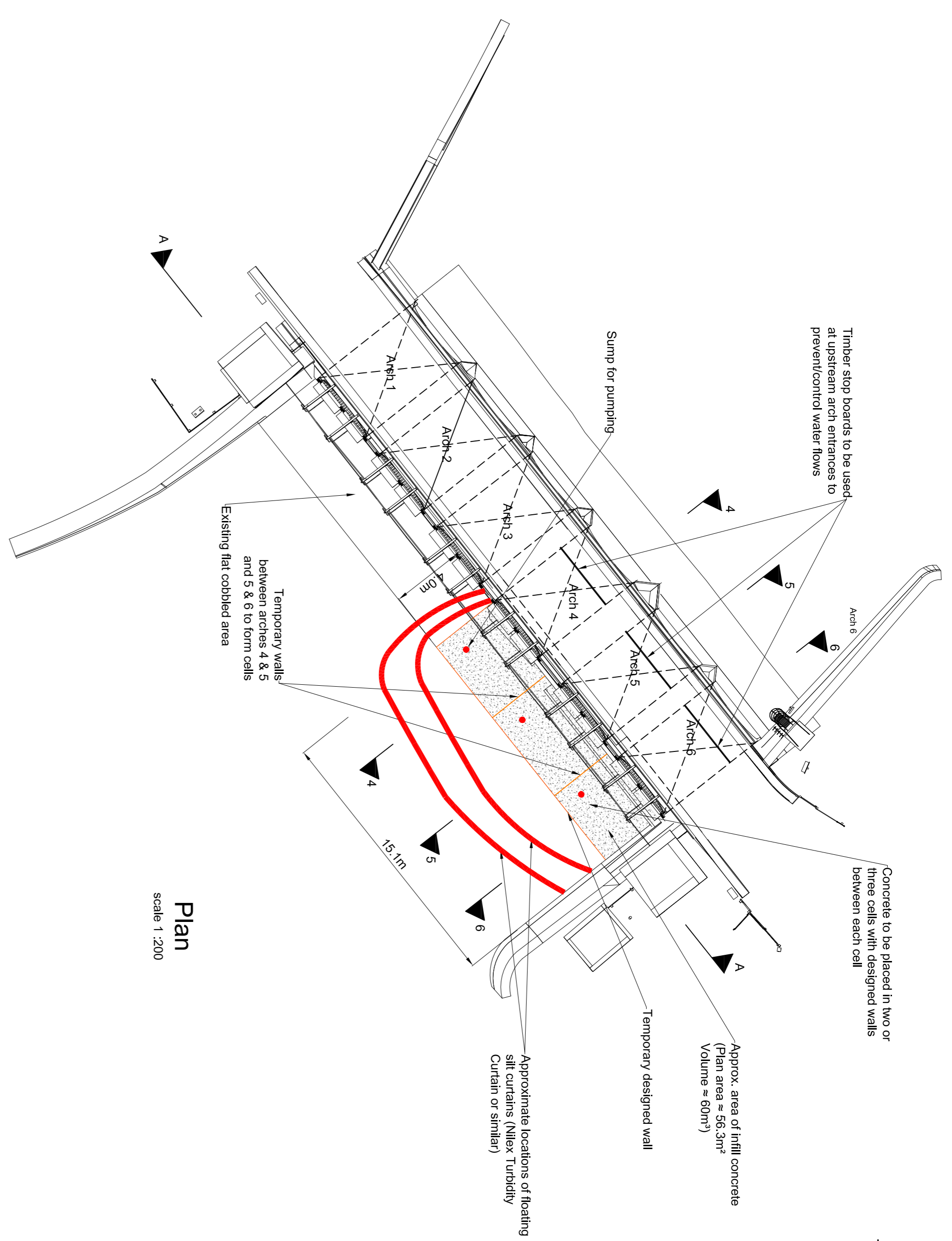
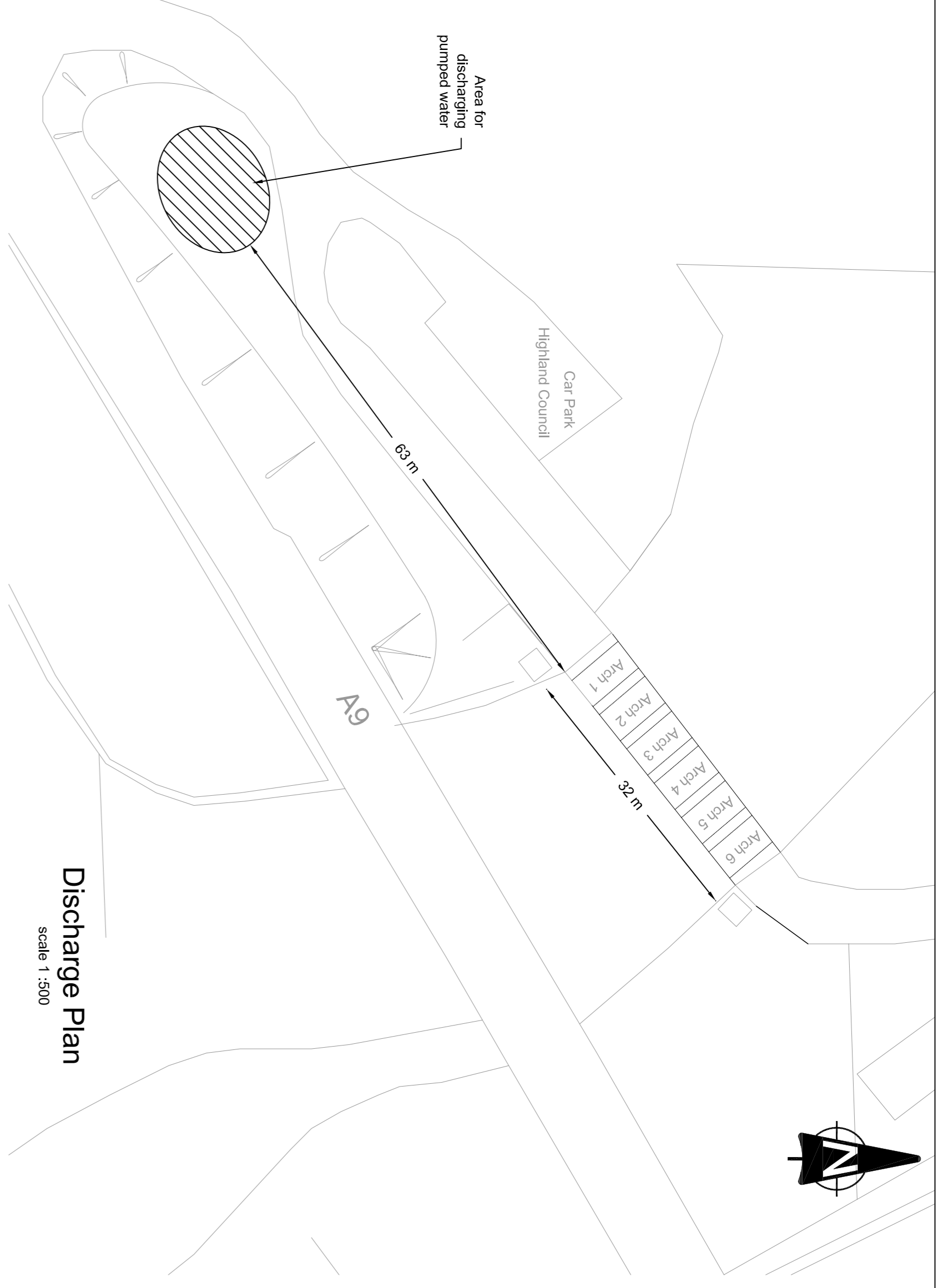


An Indicative Sequence of Construction

1. Multiple floating silt curtains (or similar approved) to be installed on the downstream side of arches 4, 5 and 6.
2. Isolate gates 4, 5 and 6 to prevent them opening during the works (safety requirement).
3. Timber stop boards to be installed across the upstream entrance to arches 4, 5 and 6. These will prevent water flowing downstream at low tide and prevent backflow during the concrete pour.
4. The downstream edge of the apron is formed using temporary formwork (contractor designed). Cells will be formed between arches 4 & 5 and 5 & 6 to reduce the size of the concrete pour, which will increase the control over the concrete placement.
5. Inspect and Test temporary formwork by pumping out the water within the cells. Once the concrete has been cast and cured, the concrete slab location will be marked during the concrete pour and concrete contaminated water will be treated (e.g. Stillbuster or similar) to reduce pH and turbidity) prior to discharging on to land to south of the structure. A SEPA CAR licence maybe required for this.
6. Install apron slab reinforcement.
7. As the tide is going out and the water level drops below the temporary designed formwork, any remaining water will be removed by continuous pumping.
8. When the internal water level is substantially low, a rapid curing concrete will be poured. Concrete works to stop when the concrete has been poured (summed) and the contractor is to advise in their RAAS.
9. The sump pump will be removed and the temporary formwork will be allowed to overtop.
10. Repeat the above process as required until the apron slab has been fully poured.
11. When the concrete has sufficiently cured to the required compressive strength, the temporary formwork and stop boards will be removed.
12. The multiple floating silt curtains will be removed.
13. The water is to be tested for pH before, during and after the construction works. An ecological clerk of works will be present for the duration of the construction to monitor any effects on the environment. If there is any changes to the environment cause by construction works then works will be stopped immediately.
14. The works will be conducted at periods of low tides and there will not be 24 hours a day working.



Do not scale this drawing	
Rev.	0
Status	05/11/2022 Planning
Client	BEAR TRANSPORT SCOTLAND
Project	A9 1600 The Mound Sluice Gate and Pointing Retirfishment
Title	Indicative Downstream Infill Concrete Slab Plan and Cross Sections
Drawing No.	22-NW-1203-91 - 504
Scale	As Shown
Designed	DS
Drawn	DS
Checked	DO
Approved	DO