

**Worker Induction and Training:**  
Provide specialized training for tasks such as concrete pouring, working with reinforcement steel, and operating lifting equipment.

**Site Safety Installations:**  
Install sturdy barriers and guardrails around the perimeter of the excavation and construction zones to prevent falls.  
Ensure that all open excavations are securely covered or fenced off at the end of each working day.

**Equipment and Machinery:**  
All machinery, including cranes and concrete pumps, must be certified for use and regularly inspected for faults.  
Establish exclusion zones around heavy machinery operation areas to prevent unauthorized access.

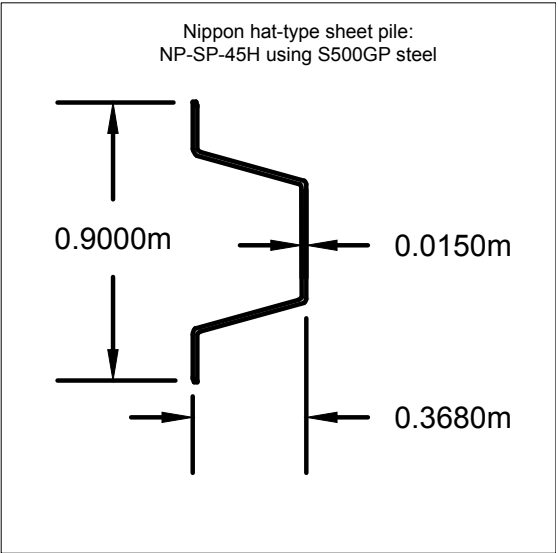
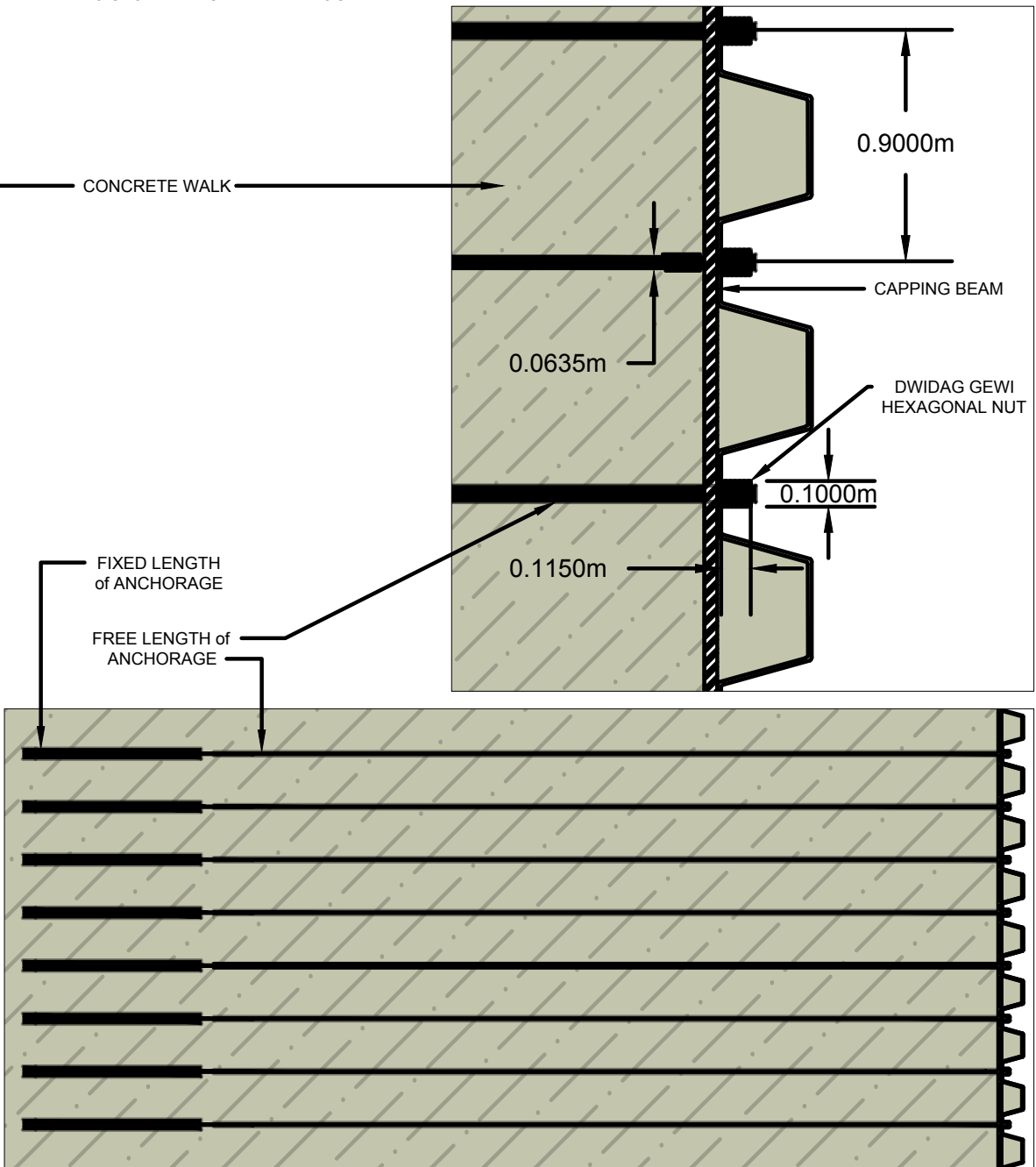
**Personal Protective Equipment (PPE):**  
Enforce the use of PPE, including hard hats, high-visibility vests, safety footwear, gloves, and eye protection. For tasks with a risk of falling objects, the use of safety helmets with chin straps is recommended.


**Environmental Controls:**  
Implement sediment control measures to prevent construction runoff from entering the marina waters.  
Prepare for spill management by having spill kits readily available and training personnel in their use.

**Emergency Response Plan:**  
Develop a comprehensive emergency response plan covering scenarios such as water rescue, falls, and structural collapses.  
Clearly mark and maintain emergency access routes, and conduct regular emergency drills.

**Working Near Water:**  
Provide life jackets and rescue equipment for all personnel working in proximity to the water.  
Employ a 'spotter' system for work at the water's edge to monitor the safety of workers and to act in case of an emergency.

**NORTH**  
Note that every drawing is orientated to NORTH



<b>PROJECT</b> ST PETERS MARINA, NEWCASTLE RIVERSIDE WALL	
<b>TITLE</b> PLAN VIEW AND CAPPING BEAM DESIGN	
 <b>Durham</b> University Department of Engineering	
<b>DATE</b> MAR '24	<b>SCALE AT A3</b> AS SHOWN
<b>DRAWING No.</b> ENGI-3351-VBCN68-2	<b>REVISION</b> A1