

General Notes

1. This drawing is to be read in conjunction with all other relevant Engineering and Architect's details.
2. All dimensions are in metres unless otherwise stated.
3. The Contractor shall be responsible for checking all tie-ins for line and level with existing foul and surface water systems before commencing any works.
4. The Engineer shall be notified immediately, in writing, should any errors or discrepancies be found prior to the commencement or continuation of any works.
5. All work is to be carried out in accordance with current British Standards, Building Regulations.
6. All drainage work is to be strictly in accordance with the requirements of the Building Regulations 2015, Approved Document Part H, "Drainage and waste disposal".
7. It is the responsibility of the Contractor to execute the works at all times in strict accordance with the requirements of the Health and Safety at Work Act 1974, and the C.D.M. Regulations 2015. The Contractor will be deemed to have allowed for full compliance, including full liaison with the Principle Designer, within his rates.
8. All existing land drains encountered on site during construction are to be re-connected.
9. Should any departure from the proposed slab or external levels be considered, agreement shall be sought from the Engineer immediately and prior to the commencement or continuation of any works. Proposals should take full account of all restrictions to the slab level.
10. Temporary protection to be provided to drainage work during construction as necessary.

KEY:

- Temporary Weir Structure to 4.5m AOD
- Temporary Penstock / Sluice Gate to 4.5m AOD
- Water Monitoring Position
- Reen

ANY WORKS UNDERTAKEN PRIOR TO RECEIPT OF TECHNICAL APPROVAL FOR THEIR RESPECTIVE PROPOSALS IS DONE AT THE CONTRACTOR'S OWN RISK.

1. Working close to steep or difficult ground.
2. Working close to Reen.

Health & Safety Information Key

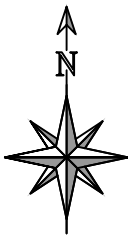
- Used to provide design specific safety information that may not be obvious to a competent contractor but may be useful.
- Used to restrict/prevent a possible action, eg. stop construction traffic from entering an area.
- Used to warn of significant design hazards, adding recommendations.
- Used to encourage a positive action, e.g. use of robust protection for inspection chambers.

Rev	Date	Amendments	By	Chk
P06	13/02/2025	Client Comments	ET	CW
P05	11/02/2025	Client Comments	ET	CW
P04	29/10/2024	Updated Water level	ET	CW
P03	22/10/2024	Third Draft	ET	CW
P02	03/10/2024	Second Draft	AMS	CW
P01	01/10/2024	First Draft	AMS	CW



Client	Indurent Management
Project	Indurent Park Newport
Drawing Title	Drain 5 Temporary Penning Proposal
Status	For Information
Scale	NTS
Drawn	ET
Checked	CW
Date	11/02/25
RLL Project/Drawing Number	17480-RLL-24-XX-DR-O-1282
Revision	P06
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Proposed Penstock / Weir to 4.5 m AOD.

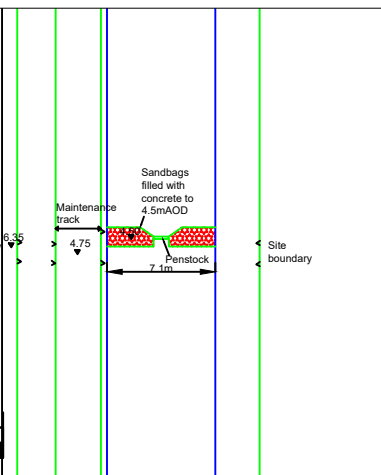
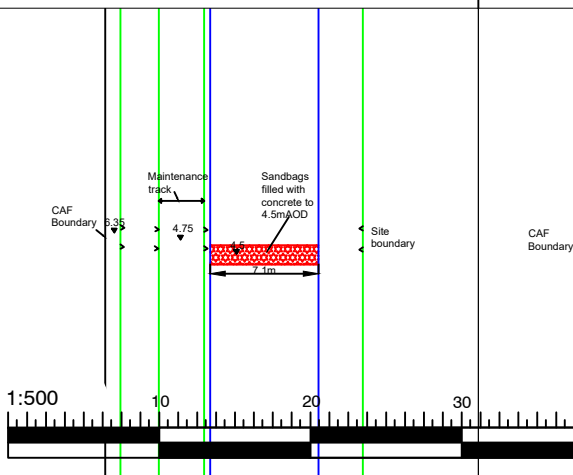


Volume Capacity at 4.5m AOD: 726m³ - 1,398m³

Proposed Weir Structure to 4.5 m AOD.

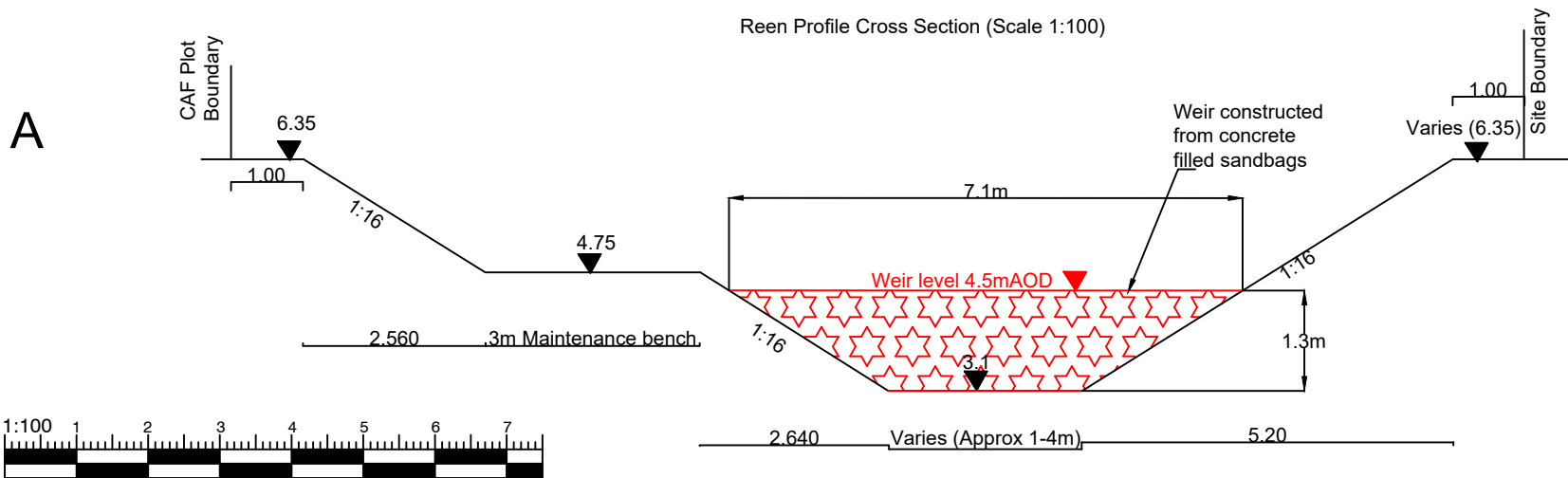
Weir Plan View (Scale 1:500)

Penstock Plan View (Scale 1:500)



i) Rectangular Weir Cross Section

Reen Profile Cross Section (Scale 1:100)



ii) Purposed Penstock / Sluice Gate

Reen Profile Cross Section (Scale 1:100)

