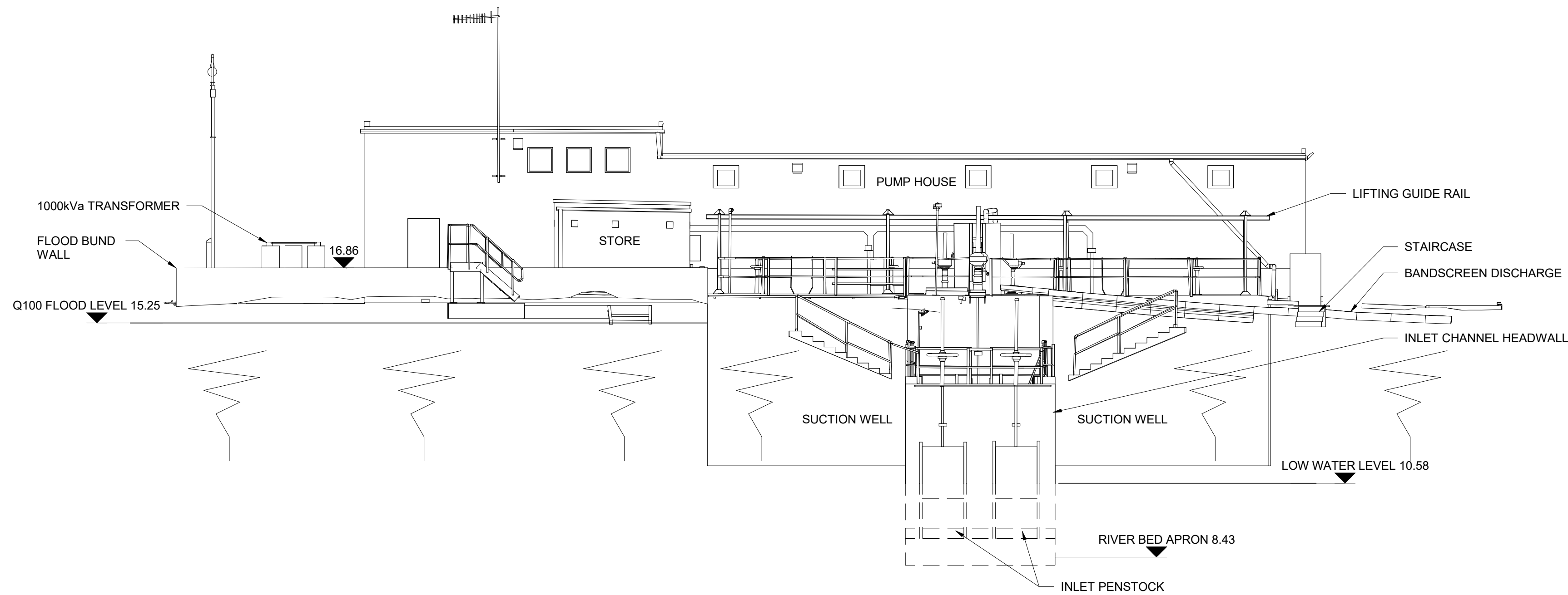
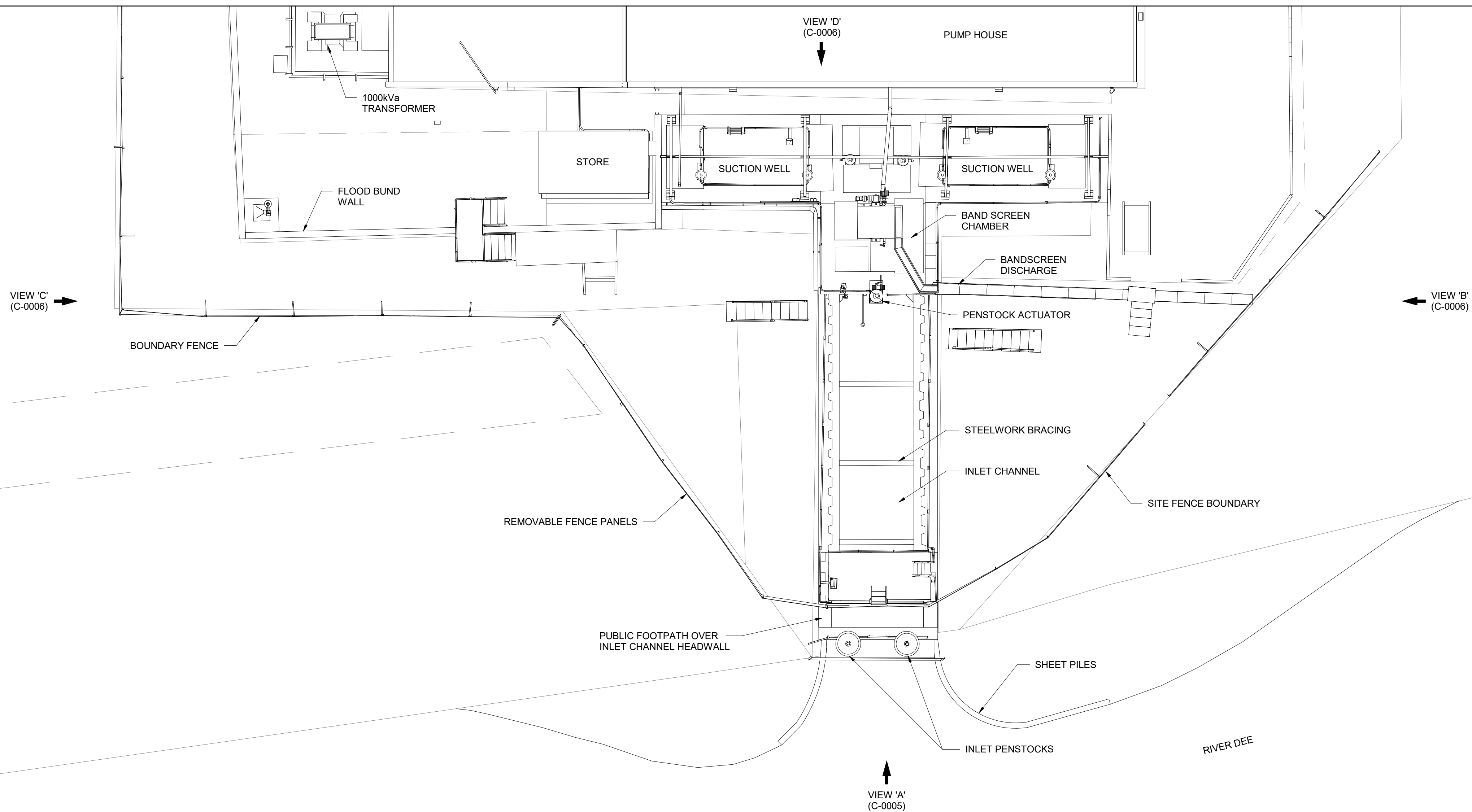




VIEW 'A'



PLAN

NOTES

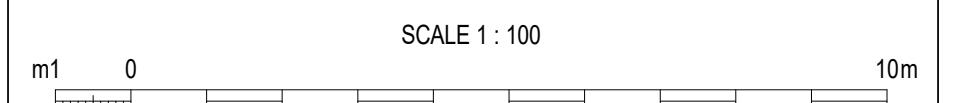
1. ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES AOD UNLESS SHOWN OTHERWISE.
2. THIS DRAWING SHOWS THE ELEVATION OF THE STRUCTURE AT LOW WATER LEVEL. LESS OF THE STRUCTURE IS VISIBLE WHEN THE LEVEL OF THE RIVER DEE RISES AFTER RAINFALL.
3. THE EXISTING INTAKE CHANNEL AND WET WELLS ARE CONSTRUCTED FROM SHEET PILES AND REINFORCED CONCRETE. THE EXISTING PUMP HOUSE STRUCTURE IS A MASONRY AND CONCRETE STRUCTURE.
4. THE NEW EEL SCREEN SUPPORT FOUNDATION STRUCTURE IS TO BE REINFORCED CONCRETE. THE NEW EEL SCREEN CANTILEVER FRAME IS TO BE CONSTRUCTED FROM MILD STEEL (EITHER PAINTED OR GALVANIZED).
5. THE PASSIVE WEDGE WIRE EEL SCREENS ARE TO BE CONSTRUCTED FROM A COPPER NICKEL ALLOY.
6. THE NEW EEL SCREEN AIR BURST ENCLOSURE IS CONSTRUCTED FROM GLASS REINFORCED PLASTIC (G.R.P). THE COLOUR OF THE EXTERNAL COATING TO THE G.R.P IS DARK GREEN (HOLLY) (BS4800 COLOUR CODE 14-C-39).
7. THE SECTION OF RIVER DEE AT THE SESSWICK INTAKE WORKS IS NOT NAVIGABLE. A DEBRIS BOOM AND PROTECTION STRUCTURE IS REQUIRED IN FRONT OF THE SCREENS TO PROTECT AGAINST DEBRIS AND SMALL PLEASURE CRAFT.
8. A PUBLIC FOOTPATH RUNS ALONG THE EXISTING INTAKE HEADWALL (SES/16).
9. DETAILS SHOWN ON THIS DRAWING OF THE EXISTING INTAKE WORKS ABOVE LOW WATER LEVEL ARE BASED UPON A 3-D LASER SCAN SURVEY UNDERTAKEN IN 2022.

REFERENCES

- H7W00611-CST-XX-ZZ-DR-C-0001 PLANNING DRAWING SESSWICK WTW - RAW WATER INTAKE - SITE LOCATION PLAN
- H7W00611-CST-XX-ZZ-DR-C-0003 PLANNING DRAWING SESSWICK WTW - RAW WATER INTAKE - EXISTING SITE LAYOUT PLAN
- H7W00611-CST-XX-ZZ-DR-C-0004 PLANNING DRAWING SESSWICK WTW - RAW WATER INTAKE - PROPOSED SITE LAYOUT PLAN
- H7W00611-CST-XX-ZZ-DR-C-0006 PLANNING DRAWING SESSWICK WTW - RAW WATER INTAKE - EXISTING ELEVATION
- H7W00611-CST-XX-ZZ-DR-C-0007 PLANNING DRAWING SESSWICK WTW - RAW WATER INTAKE - PROPOSED PLAN AND ELEVATION
- H7W00611-CST-XX-ZZ-DR-C-0008 PLANNING DRAWING SESSWICK WTW - RAW WATER INTAKE - PROPOSED ELEVATION

LEGEND

P01	S1	FOR INFORMATION	TG	DM	NS	27/01/23
Revision	Status	Suitability Description	Authored	Checked	Reviewed	Date



PROJECT TITLE

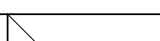
**SEVERN TRENT WATER
SESSWICK INTAKE**

DRAWING TITLE

**PLANNING DRAWING
RAW WATER INTAKE
EXISTING PLAN AND ELEVATIONS**

DRAWING NO:

H7W00611-CST-XX-ZZ-DR-C-0005

SCALE:	SHEET SIZE:	 QR CODE PLACEMENT
1:100	A1	
THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF SEVERN TRENT AND MUST NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION		