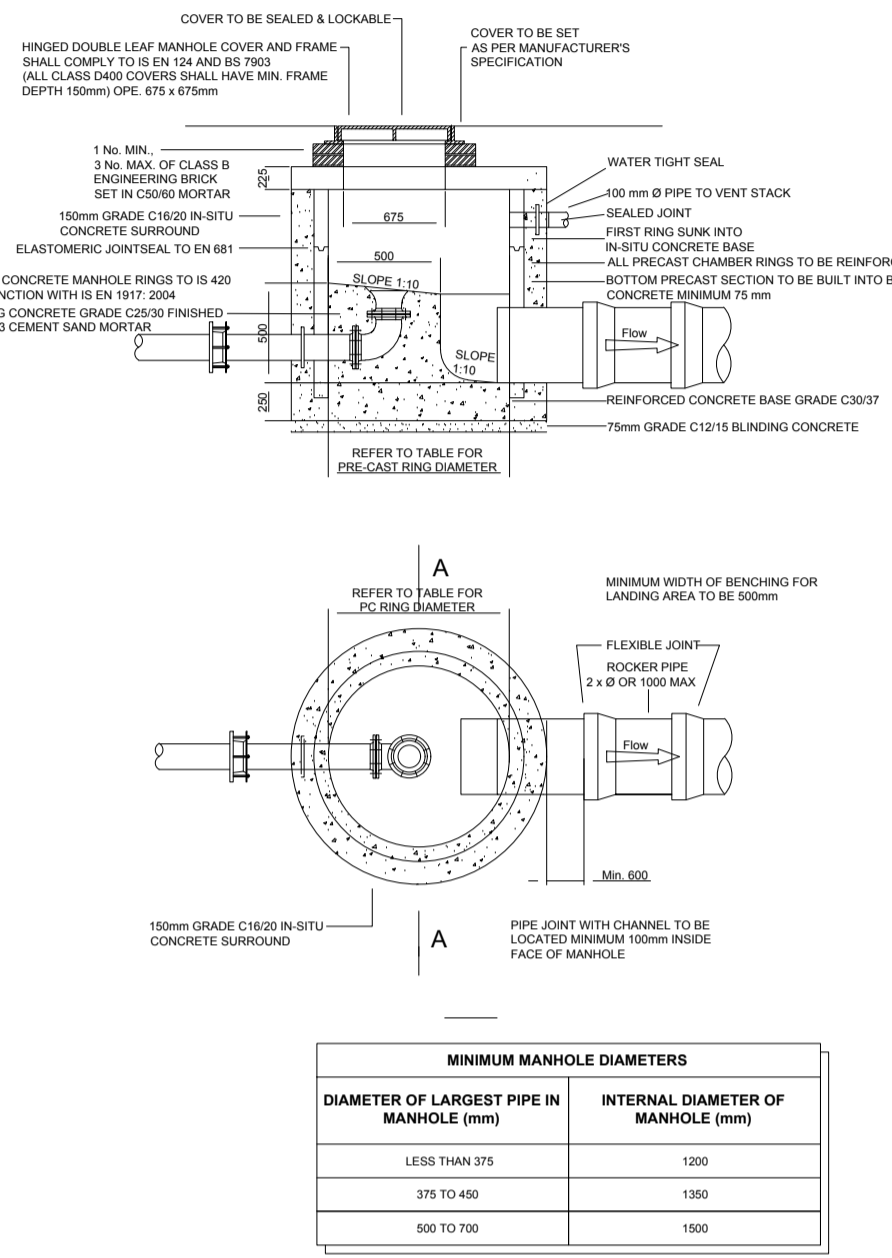
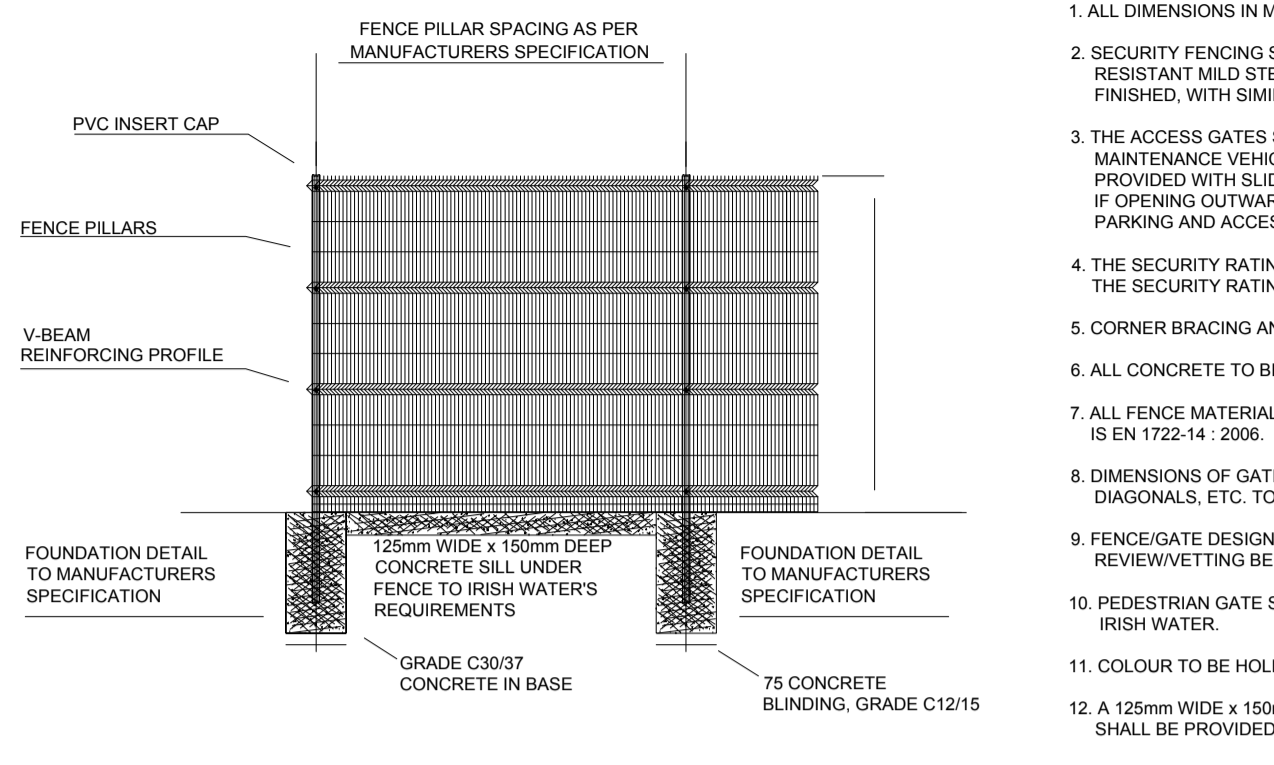


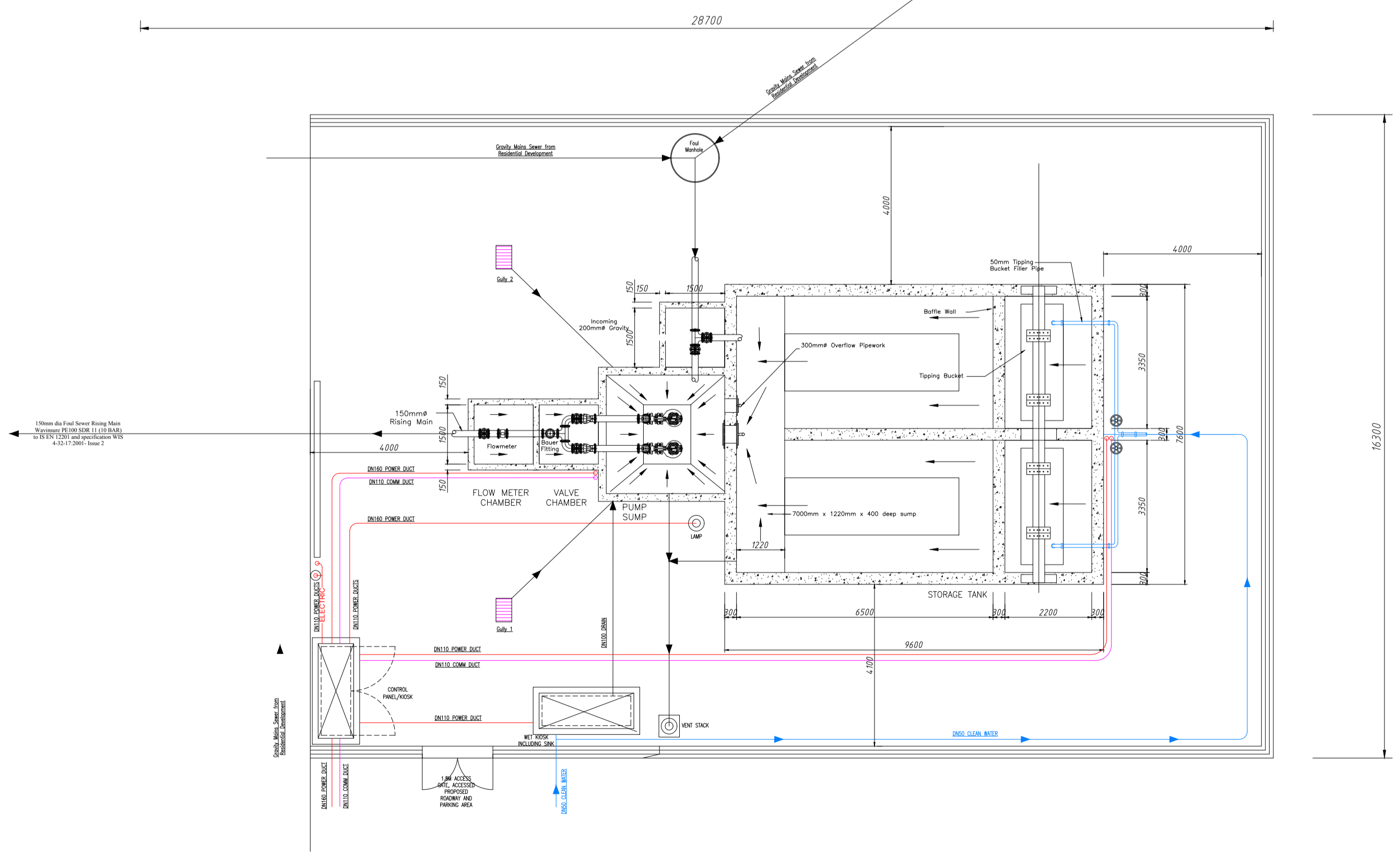
**01 PUMPING STATION - PLAN AND SECTION**  
SCALE 1:100



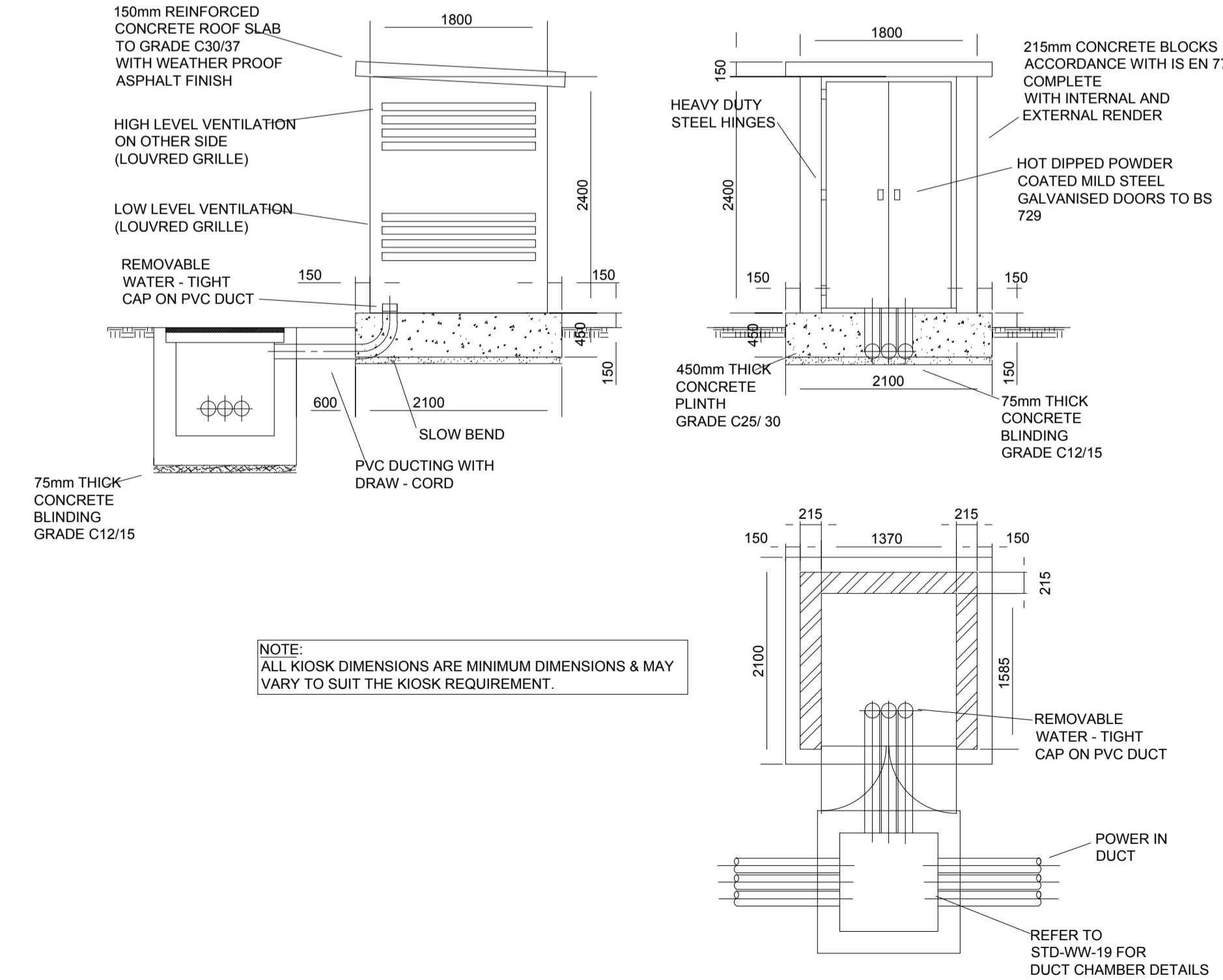
**02 STAND OFF MANHOLE**  
SCALE 1:50



**03 PERIMETER FENCING**  
SCALE 1:50

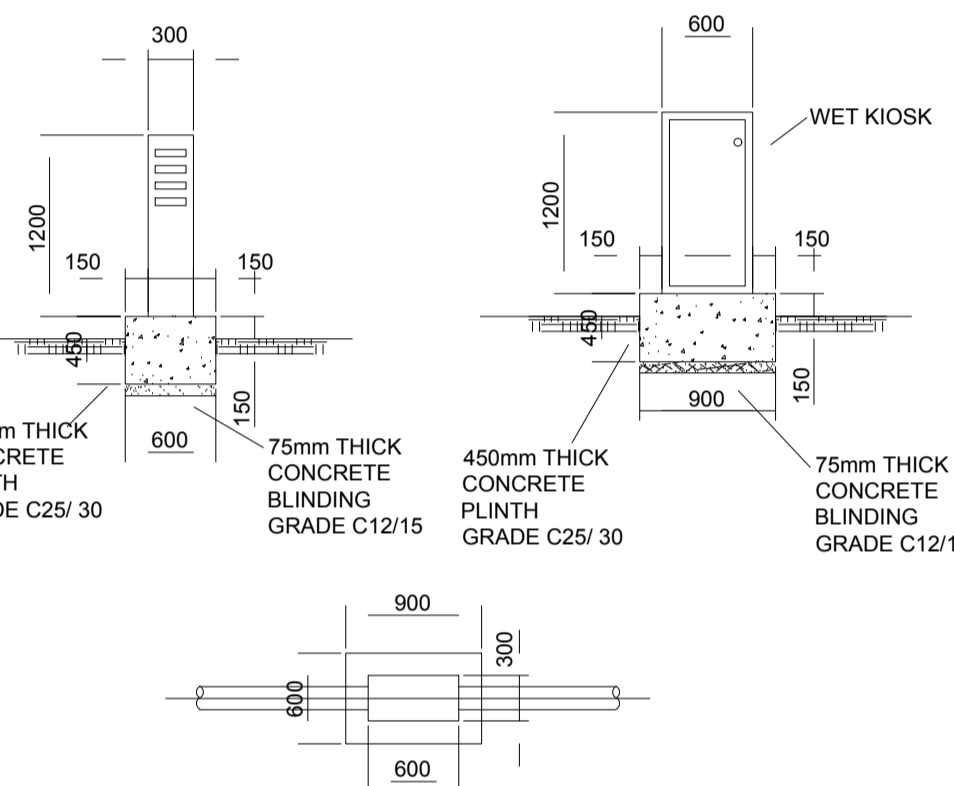


**05 PUMPING STATION - SITE PLAN**  
SCALE 1:100



**06 CONTROL PANEL KIOSK**  
SCALE 1:50

- AND EXTERNALLY: WET KIOSK TO BE CONSTRUCTED FROM THERMOSETTING U.V. & WEATHER RESISTANT PLASTIC POWDER COATED & HOT DIPPED GALVANISED MILD STEEL PLATE (MINIMUM 4mm THICK) TO BS EN 1461. ALTERNATIVE MATERIAL, STAINLESS STEEL IN HARSH ENVIRONMENTS, NON-METALLIC (GRP, POLYESTER, ETC.) MAY BE ALLOWED FOR WET KIOSK SUBJECT TO AGREEMENT WITH IRISH WATER. COLOUR TO BE HOLLY GREEN BS 4800 14 C39. INTERIOR FINISH TO BE WHITE UNLESS APPROVED BY IRISH WATER.
- THE QUALITY OF KIOSK CONSTRUCTION SHALL ENSURE THAT THE FOLLOWING IS ACHIEVED:
    - A FIRE RESISTANCE (RETENTION OF STABILITY, INTEGRITY AND INSULATION, EQUIVALENT TO CLASS 2 OF BS 476, WHEN TESTED IN ACCORDANCE WITH BS 476 FOR A PERIOD EXCEEDING 30 MINUTES.
    - AN IP RATING OF IP65 OR EQUIVALENT.
  - THE INTERNAL LAYOUT OF THE KIOSK SHALL BE SUBJECT TO IRISH WATER APPROVAL.
  - CABLE DUCTING TO BE IN ACCORDANCE WITH BS 4660 AND BS EN 1401.
  - ELECTRICAL REQUIREMENTS TO BE IN ACCORDANCE WITH ES6 SPECIFICATION.
  - ALL EXPOSED PIPEWORK TO BE ADEQUATELY INSULATED WITH PIPE LAGGING.
  - ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206.
  - WATER TIGHT SEALS ARE TO BE PROVIDED WHERE DUCTING ENTERS DUCT CHAMBERS AND KIOSKS. ALL DUCTING TO BE INSTALLED WITH DRAW CORDS.
  - THE KIOSKS SHALL NOT BE LOCATED IN AREAS THAT ARE SUSCEPTIBLE TO FLOODING AT A FREQUENCY OF MORE THAN 1.30 YEARS RECURRENCE.
    - THE KIOSK FACILITY SHOULD BE DESIGNED FOR INUNDATION.
    - THE FINISHED SLAB LEVEL SHOULD BE POSITIONED ABOVE THE 1:100 YEAR FLOOD LEVEL.
  - ALL ELECTRICAL CONTROL EQUIPMENT SHALL BE WATER RESISTANT AND POSITIONED ABOVE THE 1:200 YEAR FLOOD LEVEL.
  - ALL DIMENSIONS ARE MINIMUM DIMENSIONS AND MAY VARY TO SUIT THE KIOSK REQUIREMENT.
  - PUMPING STATION IS TO COMPLY WITH SECTION 5.4 OF THE WASTEWATER CODE OF PRACTICE BY MEANS OF A 1.8M ACCESS GATE ACCESSED VIA PROPOSED ROADWAY AND PARKING AREA ADJACENT PUMPING STATION.
  - THE PUMPING STATION IS LOCATED IN ORDER TO BE APPROX. 50M FROM THE NEAREST HABITABLE DWELLING, THIS COMPLIES SECTION 5.5 OF THE WASTEWATER CODE.
  - ALL WORKS WILL BE CARRIED OUT IN CONJUNCTION WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE AND IRISH WATER STANDARD DETAILS FOR WASTEWATER.
  - FOUL DRAINAGE DETAILS TO COMPLY WITH IRISH WATER STANDARD DETAILS IW-CDS-5030-01.



**04 WET KIOSK**  
SCALE 1:50

REV. NO.	DESCRIPTION	DATE	INITIALS
B	Issued for Planning	May 2019	T. Finn
A	Issued to Irish Water for Statement of Acceptance	26th April 2019	T. Finn

**finn**  
DESIGN PARTNERSHIP  
CREATIVE • INNOVATIVE

Blakestown, Ardee, Co. Louth, Ireland  
t 041 6857200 f 041 6857201 e info@finn.ie w www.finn.ie

DRAWING NO: **120 B** REV. NO:

TITLE: **Wastewater Pumping Station Layout & Details**

PROJECT: Residential Development @ Haggardstown, Blackrock, Dundalk Co Louth.

CLIENT: Kingsbridge Consultancy Ltd  
1st Floor, Block 1, Quayside Business Park, Dundalk Co Louth

SCALE: As Shown DRAWN: T.Finn

DATE: November 2018 CHECKED: -

STATUS: **Planning Permission**

JOB NO: **1703**

NOTES:  
1. Copyright Reserved 2003 ©  
2. Work to figure dimensions only. Do not scale drawing.  
3. The contractor is responsible for checking all levels and dimensions on site and shall refer all discrepancies to the Architect.  
4. Where appropriate, for details of i.c. structure or mechanical and electrical details, see Engineers drawings.  
5. Proprietary items shall be fixed in strict accordance with manufacturers instructions.  
6. Where drawings have been checked with manufacturer.  
7. The contractor shall be responsible for the coordination of structure, finishes and services.

CIVIL - STRUCTURAL ENGINEERING PROJECT MANAGEMENT