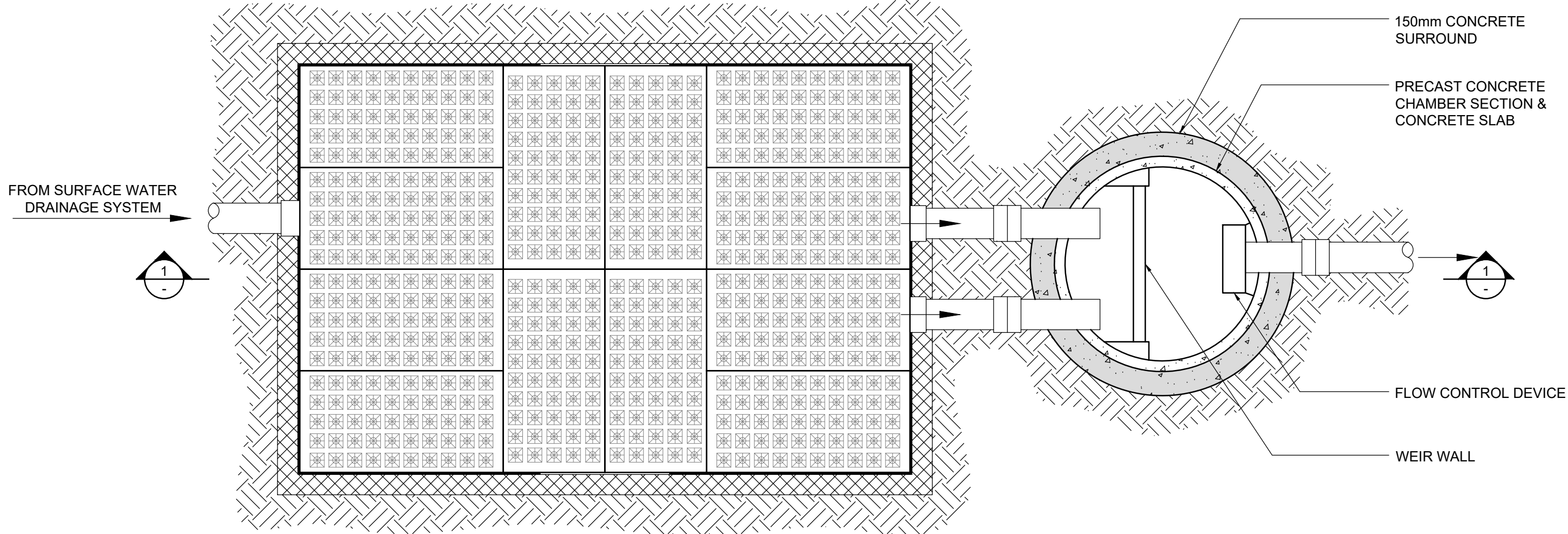
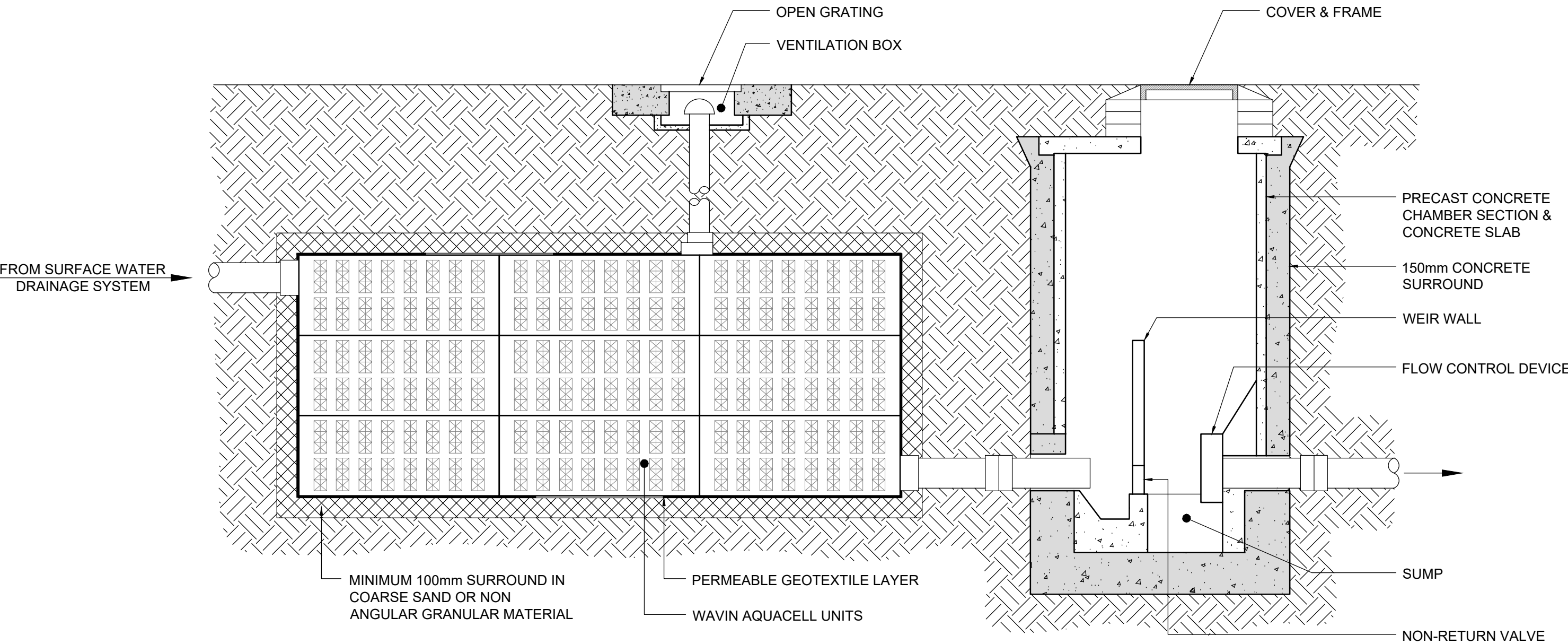


REVISION SCHEDULE				
REV. NO.	REV. DESCRIPTION	REV. DATE	DRAWN	CHECKED
PL1	ISSUED FOR PLANNING	25/03/2025	FC	DB



WAVIN AQUACELL ATTENUATION TANK
SCALE 1:20



SECTION 1-1
SCALE 1:20

INSTALLATION METHOD FOR WAVIN AQUACELL UNITS:

- EXCAVATE THE TRENCH TO THE REQUIRED DEPTH ENSURING THAT THE PLAN AREA IS SLIGHTLY GREATER THAN THAT OF THE AQUACELL UNITS.
- LAY 100mm BED OF COARSE AND OR NON ANGULAR GRANULAR MATERIAL, LEVEL & COMPACT.
- LAY THE GEOTEXTILE LAYER OVER THE BASE AND UP THE SIDES OF THE TRENCH.
- LAY THE AQUACELL UNITS PARALLEL WITH EACH OTHER. IN MULTIPLE LAYER APPLICATIONS, WHEREVER POSSIBLE, CONTINUOUS VERTICAL JOINTS SHOULD BE AVOIDED. AQUACELL UNITS CAN BE LAID IN A BRICK BONDED FORMATION. FOR SINGLE LAYER APPLICATIONS USE THE AQUACELL CLIPS AND FOR MULTI LAYERS USE THE AQUACELL CLIPS AND THE AQUACELL SHEAR CONNECTORS.
- FIX THE ADAPTORS TO THE AQUACELL UNITS AS REQUIRED AND CONNECT PIPEWORK.
- IN ORDER TO PREVENT SILT FROM ENTERING THE TANK, CLOGGING INLET PIPEWORK AND REDUCING STORAGE CAPACITY, IT IS RECOMMENDED THAT THE SILT TRAP IS INSTALLED PRIOR TO THE INLET PIPEWORK.
- WRAP AND OVERLAP THE GEOTEXTILE COVERING THE ENTIRE AQUACELL STRUCTURE.
- LAY 100mm OF COARSE SAND OR NON ANGULAR MATERIAL BETWEEN THE TRENCH WALLS AND THE AQUACELL STRUCTURE AND COMPACT.
- LAY 100mm OF COARSE SAND OR NON ANGULAR MATERIAL OVER THE GEOTEXTILE AND COMPACT. BACKFILL WITH STONE FREE AS-DUG MATERIAL.
- RAINWATER FROM ROOF AREAS MAY DISCHARGE DIRECTLY INTO SOAKAWAY BUT RAINWATER FROM CARPARKS MUST DISCHARGE THROUGH A PETROL INTERCEPTOR.

Drawing Stage:
--