



Carlow Pre Cast Storage Tank
Internal Dimensions
26.20m x 25.11m x 3.0m
Storage Volume 1,875m³
IL=33.200m

Manhole S18 fitted with a Hydrobrake
Optimum flow control, Product ID Code
SHE-0200-2800-3050-2800, limiting flows
to 28.0 litres/second and having a design
head of 3.050m.
Foul water pumping station. Refer to Xylem
pumping station design for further details.
Foul water pumping rate 10.19 litres/second

All pipe joints between manhole 520 and the
surface water outfall to be sealed with Densot
tape to prevent root ingress from the
surrounding trees.

All existing trees within the
extents of the 6.0m easement
shown to be removed.

Maximum surface water discharge
rate 28.0 litres/second

Street Lighting Arrangement

Denotes 6M galvanised steel column with OrangeTec
AriaLED 20LED NRI complete with electronic PEC.

All materials to comply fully with current BMBC Street
Lighting Specification.

It is the responsibility of the developer to advise their
clients of the location of street lighting columns relative
to their property and to programme column installation
works commensurate with property occupation.

Column positions may be adjusted slightly to suit site
conditions and services, but must not normally be erected
within 500mm of defined driveway boundaries.

BMBC will not enter into third party discussion on column
positions, any such discussions will be carried out
between BMBC and the developer.

The street lighting columns and lanterns and their
maintenance remain the responsibility of the developer
until completion of the adoption process.

All lighting columns are to be provided with an unmetred
single phase electricity supply via the REC cable network.
It is expected that the developer will coordinate with the
REC regarding the installation of any cable ducts they
may require.

CONSTRUCTION RISKS		
CONSTRUCTION RISKS	MAINTENANCE RISKS	DEMOLITION RISKS
Deep excavations/collapse of excavations.	Caution should be exercised when working in and adjacent to the surface water storage tank.	No future abnormal demolition risks associated with Roads and Sewers.
Un-charted buried existing services.		
Working on live sewers.		
Working in and adjacent to the public highway.		

In addition to the hazards/risks normally associated with this type of work detailed on this drawing take note of the above. ID Civils Design are only required to provide information about any significant risks associated with the design.

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