

























CDM 2015 RESIDUAL RISKS

1. High groundwater recorded at site. Contractor to be aware and take appropriate precautions.
2. Work required within industrial access road. Contractor to be aware and take appropriate precautions.
3. Work required to divert overhead power cables. Contractor to be aware and take appropriate precautions.
4. Connection required to existing live foul sewer. Contractor to be aware and take appropriate precautions.

The above residual risks are for non-standard hazards. It is assumed that a competent contractor familiar with the construction of this type of work will be appointed who will be aware of the standard hazards.

KEY

-  Proposed Surface Water Pipe
Ø and gradient as stated
-  Proposed Perforated Surface Water Pipe
Ø and gradient as stated
-  Proposed Foul Water Pipe
Ø and gradient as stated
-  Proposed Combined Water Pipe
Ø and gradient as stated
-  Proposed Surface Water Rising Main
-  Proposed Foul Water Rising Main
-  Proposed Surface Water PPIC
size as stated in MH schedule
-  Proposed Foul Water PPIC
size as stated in MH schedule
-  Proposed Combined Water PPIC
size as stated in MH schedule
-  Proposed Surface Water Manhole
Pre Cast Concrete - Circular
Size as Stated in MH Schedule
-  Proposed Surface Water Pumping
Station to specialist requirements.
Size as stated in MH schedule
-  Proposed Foul Water Pumping
Station to specialist requirements.
Size as stated in MH schedule
-  Proposed ACO Drain
ACO sump required at outlet.
-  Proposed Threshold Drain
ACO Hexdrain or equivalent
-  Proposed Geocellular
Attenuation Tank
-  Proposed Non Return Valve
Refer to Details for Specification
-  Proposed Catchpit
-  Proposed Hydro-Brake
-  Proposed Rainwater Pipe
-  Proposed Soil and Vent Pipe
-  Proposed Foul Drain Point. Type
tbc by Architect prior to construction
-  Trapped Foul Gully
-  Road Gully, 150Ø outlet.
-  Yard Gully, 100Ø outlet.



Groundwater at the site has been recorded at very high level approximately 300mm below ground level. Surface water discharge through infiltration is therefore not deemed suitable due to inability to achieve any unsaturated zone and the potential compromise of onsite storage. Long term buoyancy has been mitigated. Short term buoyancy and de-watering to be considered by Contractor prior to construction.

