

General Notes

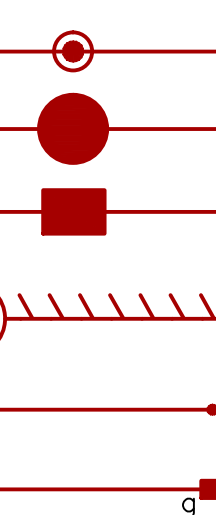
- Any indication of site boundaries is to be considered diagrammatic. This layout is based upon layouts prepared by others and our details are not in themselves intended to be any definition of land ownership.
- The underlying topographic survey information has been provided by Murphy and Gibson Surveys, Tully De'Ath cannot be held responsible for any inaccuracies therein.
- Where proposed works take place within a TPZ but also within an area currently occupied by an existing building or external structure the area has not been hatched as an area of works within a TPZ. However areas of existing tarmac construction have been included.
- Existing private drainage shown in green is to be re-utilised pending CCTV condition survey. Drains will be re-lined where repairs are required.
- The hatched areas allow for a 1m ground disturbance area on either side of drainage trenches and on the upper side of retaining structures.

Legend

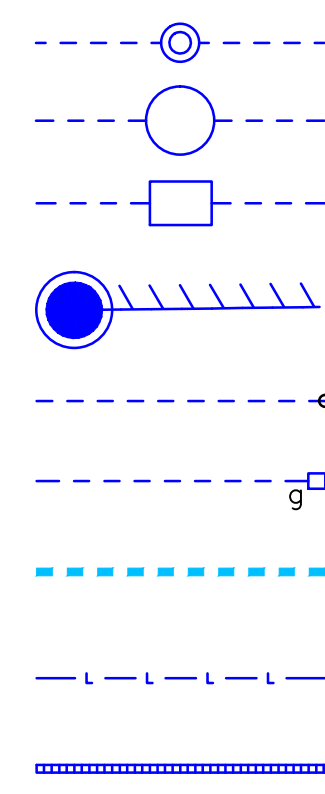
Private Drainage Symbols

- Polypropylene Inspection Chamber
- PC Ring Manhole
- Rectangular Manhole
- Package Pumping Station and rising main.
- Foul Drainage Connection Point – Rainwater Downpipe
- Yard Gully
- Suspended Drainage – 150# unless otherwise stated.
- Perforated collector drain
- Grated channel drain

Foul

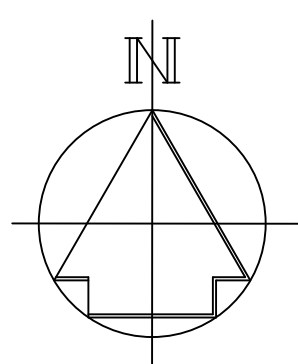


Surface Water



Existing Drainage

- Combined Adopted
- Combined Private – See Note 4
- Private Storm See Note 4
- Adoptable Drainage
- Combined Manhole
- Other
- Retaining Wall
- Site Boundary



Proposed Internal Layouts

Internal layouts shown are the latest that we have available to us. Where the information is available we have reflected the drainage point information and floor levels as shown. In other instances where level information is not available we have estimated the location, number of drainage points and floor levels pending further clarification.

Existing Drainage

As shown it is proposed that certain lengths of existing drainage be retained. These will need to be CCTV surveyed and replaced/repairs as required prior to re-use. The existing 225# running from the south-eastern corner of the site will also need to be CCTV surveyed in order to confirm its connection to the local sewer network. The survey will also need to clarify certain pipe invert levels pertaining to the existing drainage.

Suspended Drainage

In order to reduce pumping station storage volumes SVP's dropping into non residential basement areas in Rosalind Franklin, Lord Cameron, the 7No Town Houses and Queen Mother Hall to be collected in suspended drainage and connected to adjacent gravity drainage. Only main the suspended drainage runs are shown.

Pump Stations

2No. foul pumping stations are shown located in plant room areas of Queen Mother Hall and Rosalind Franklin. A surface water pumping station is shown in Rosalind Franklin. This will be required in order to serve rainwater draining from the eastern side of this building. The exact locations of the pumping stations are to be agreed.

Unreferenced Manholes

Assume all unreferenced manholes are to be 1m deep.

Drainage of Light Wells

The design shown is based upon surface water from many of the light-wells draining into the foul network in order to minimise surface water drainage depths.

Schedule of Works Within TPZs

Tree Ref	Proposed Works Within TPZ
T3	3m Deep Basement. Storm drainage. Footpath
T4	3m Deep Basement. Storm drainage. Footpath
T5	3m Deep Basement. Storm drainage. Footpath
T6	3m Deep Basement. Storm drainage. Footpath
T8	3m Deep Basement. Storm drainage. Footpath
T12	3m Deep Basement. Storm drainage. Footpath
T20	6m deep basement. Storm & foul drainage. Footpath
T21	Storm & foul drainage. Piled raft foundation
T31	2m Deep Basement. Foul drainage.
T33	Footpath
T34	Footpath
T35	Footpath & 1m deep loading bay.
T38	2m Deep Basement. Storm & foul drainage.
T39	2m Deep Basement.
T40	2m Deep Basement. Foul drainage.
T46	Embankment. 2m high retaining wall.
T47	Embankment
T48	5m Deep Basement. Storm drainage.
T50	3m Deep Basement. Storm & foul drainage. Footpath.
T52	Storm & foul drainage.
T53	Foul drainage.
T54	Storm & foul drainage.
T64	Foul drainage. Piled raft foundation

THIS DRAWING HAS BEEN ISSUED FOR INFORMATION PURPOSES ONLY AND IS NOT TO BE USED FOR CONSTRUCTION.

A 20.05.16 Trees T60 and T55 removed as advised JSR SPK

REV DATE DESCRIPTION BY CHK'D

MOUNTAIN

Works in Tree Protection Zones

Project No. 11581
Kidderpore Avenue

SCALE: 1:200(ND) DATE: March 2016 DRAWN: JSR CHK'D: SPK
REV. NO. 9100-DRG-34YY-00810 A

Tully De'Ath consultants
Engineering at its Best

T: 0342 831 800
E: info@tullydeath.com
W: www.tullydeath.com