



General Notes

- Any indication of site boundaries is to be considered diagrammatic. This Engineering 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 topo survey information has been provided by Murphy and Subcan Surveys, Tully De'Ath cannot be held responsible for any inaccuracies therein.
- The Contractor shall check all levels and dimensions. Any errors or omissions are to be reported to the Engineer immediately.
- All information regarding below ground obstructions has been added to our general arrangement drawing as far as we are reasonably able to obtain at the time. The contractor shall allow for breaking out obstructions where necessary and increasing the depth of foundations to a suitable and approved formation, in accordance with our details.
- Allowance is to be made for diversion/maintenance of existing services as required.
- All dimensions are in millimetres unless otherwise stated.
- All levels are in metres above ordnance datum.

Drainage Notes:

- All foul and roof water rest bends to have a minimum radius of 200mm about their central axis. Rest-bend levels for soil vent pipe connections shall be a minimum of 450mm below the lowest connection where the svp extends to the second floor of the building or below and 750mm below the lowest connection where the svp extends above the second floor of the building. Where svp and rwp outfalls cross beneath the building rwp outfall to run above the svp outfall.
- Cover levels of manholes and inspection chambers are for information only and must not be used for setting out purposes. Covers are to be set flush with the final floor or external level. Covers of existing manholes and service chambers that are to be retained shall be adjusted to match proposed levels.
- Private drainage construction to comply with NHBC requirements and BS EN 752 Parts 1 to 4.
- Drainage from units to be in plastic pipe-work to BS EN 1452 & BS EN 13598.
- Foul drainage pipe runs upstream of the referenced manhole network referred to in the manhole schedules shall be laid to a minimum gradient of 1:80 where they serve soil vent pipes and 1:40 for all other foul connections.
- Surface water drainage pipe runs upstream of the referenced manhole network referred to in the manhole schedules shall be laid to a minimum gradient of 1:80.
- Drainage beneath ground bearing slabs shall have ground heave protection. See 9100-DRG-34RF-SE280.
- It is important that the water level in the traps within the internal floor (foul) gullies, storm gullies within the light-wells and within the reverse interceptors is regularly checked and maintained in order to prevent the escape of noxious gases from the sewer network.
- Internal rising mains beyond pump chamber to be constructed from ductile iron. Pipes fittings and joints for internal rising main shall comply with BS EN 596, internal rising mains to be fixed to walls/ceilings with vibration free (isolator) fixings. For external rising main details see drawing No 280.
- Representation of all pump equipment is schematic only. Final details to be agreed with the pump supplier.

NOTE:
For Combined Pump Chamber Sections see drawing; 9100-DRG-34RF-SE214

AB1 19.09.18	Issued 'As Built'.	JW SFK
C5 04.09.17	RWP's updated in accordance with latest JSR SFK Architects information.	JSR SFK
C4 27.06.17	Notes 2 & 9 amended. Note 10 added.	JSR SFK
C3 14.06.17	Note added regarding surface water run-off from rear of Lady Chapman House. Drainage Note 9 added. Note added regarding M&E drawings.	JSR SFK
C2 31.05.17	Rising main and suspended drainage route co-ordinated with M&E plant room layout.	JSR SFK
C1 24.05.17	Combined pump chamber size updated in JSR SFK accordance with latest plant room layout. Combined rising main added.	JSR SFK
T1 24.04.17	First issue.	JSR SFK

REV	DATE	DESCRIPTION	BY	CHK'D
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PUMP STATION CONNECTIONS

COVER LEVEL	86.815m
BASE LEVEL	83.800m TBC
REF	INLET LEVEL
A	85.750
B	86.150
C	85.200
D	85.500

AS BUILT DRAWING
This drawing has been provided as an 'As Built' drawing based on information provided by MOUNT ANVIL.

NOTE:
All pipes are to be 100Ø unless otherwise stated.

NOTE:
See M&E Engineer's drawings of services and suspended foul drainage.

Between Point X-Y - Combined rising main is to run beneath the suspended surface water.

Between Point Y-Z - Combined rising main and suspended surface water to run parallel in-plan, see annotated levels.

SEE DRG-00211



TITLE:
Rosalind Franklin Pump Facilities Plan Plant Room

PROJECT:
Project No. 11581
Kidderpore Avenue

SCALE: 1:500A1 **DATE:** April 2017 **DRAWN:** JSR **CHK'D:** SFK

JOB NO. **DRG NO.** **REV.**

9100-DRG-34RF-00216 AB1

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