KEY

- SVP — Soil Vent Pipe with Rodding Access
- RWP — Rain Water Pipe with Rodding Access
- SS — Stub Stack with Air Admittance valve
- RE — Rodding Eye
- RG — Oil Trapped Road Gully
- YG — Trapped Yard Gully
- CD — Channel Drain
- SW —Existing Private Surface Water Sewer
- SW —Proposed Private Surface Water Sewer
- FW —Existing Private Foul Water Sewer
- FW —Proposed Private Foul Water Sewer
- FW —Existing Public Foul Water Sewer
- F6 — Foul Manhole
- S6 — Surface Water Manhole
- SW —Proposed Surface Water Soakaway
- SW —Proposed Permeable Paving Access Road
- Ext.FWMH — Existing Public Foul Water Manhole
- Site Boundary

NEW FW CONNECTION INTO THE PUBLIC SEWER. INVERT LEVEL TO BE CONFIRMED.

Ext.FMH
REF:5402
CL 20.00
IL 19.00(TBC)

Ext.200mm ø FW DRAIN

GARDENER STREET

36/36A

SOAKAWAY/INFILTRATION TANK 6
Ess Versa Void Cellular Structure Modules
(500x500x550mm units)
CL 21.60 (TBC)
TOTL 20.60 (TBC)
BOTL 19.50 (TBC)
Tank Size: 2.0x2.0x1.1m dp
Storage = 4.18cu.m
Note: Greater strength units may be required depending on loadings subjected during the construction period – Contractor to liaise with manufacturer.

59
SOAKAWAY/INFILTRATION TANK 1
Ess Versa Void Cellular Structure Modules
(500x500x550mm units)
CL 20.89 (TBC)
TOTL 20.31 (TBC)
BOTL 19.21 (TBC)
Tank Size: 2.5x2.0x1.1m dp
Storage = 5.20 cu.m
Note: Greater strength units may be required depending on loadings subjected during the construction period – Contractor to liaise with manufacturer.

SOAKAWAY/INFILTRATION TANK 5
Ess Versa Void Cellular Structure Modules
(500x500x550mm units)
CL 21.26 (TBC)
TOTL 20.76 (TBC)
BOTL 19.66 (TBC)
Tank Size: 3.0x1.5x1.1m dp
Storage = 4.95cu.m
Note: Greater strength units may be required depending on loadings subjected during the construction period – Contractor to liaise with manufacturer.

SOAKAWAY/INFILTRATION TANK 4
Ess Versa Void Cellular Structure Modules
(500x500x550mm units)
CL 21.14 (TBC)
TOTL 20.50 (TBC)
BOTL 19.40(TBC)
Tank Size: 1.5x1.5x1.1m dp
Storage = 2.35 cu.m
Note: Greater strength units may be required depending on loadings subjected during the construction period – Contractor to liaise with manufacturer.

SOAKAWAY/INFILTRATION TANK 2
Ess Versa Void Cellular Structure Modules
(500x500x550mm units)
CL 21.12 (TBC)
TOTL 20.66 (TBC)
BOTL 19.56 (TBC)
Tank Size: 2.5x2.0x1.1m dp
Storage = 5.20 cu.m
Note: Greater strength units may be required depending on loadings subjected during the construction period – Contractor to liaise with manufacturer.

SOAKAWAY/INFILTRATION TANK 3
Ess Versa Void Cellular Structure Modules
(500x500x550mm units)
CL 21.27 (TBC)
TOTL 20.67 (TBC)
BOTL 19.57 (TBC)
Tank Size: 2.0x1.2x1.1m dp
Storage = 2.5 cu.m
Note: Greater strength units may be required depending on loadings subjected during the construction period – Contractor to liaise with manufacturer.

PERMEABLE PAVING ACCESS ROAD

Plot 1 FFL:+20.99
Plot 2 FFL:+21.22
Plot 3 FFL:+21.37
Plot 4 FFL:+21.36

In addition to these notes, reference shall be made to the specification of works and the relevant Architect's and Specialist's drawings and specifications.

The Contractor is responsible for verifying all site dimensions before commencing work.

All dimensions are in millimetres unless noted otherwise.

This drawing has been produced electronically and may have been photo reduced or enlarged when printed or copied. Dimensions on this drawing shall not be scaled. Work only to figured dimensions. Any dimensional discrepancies errors or omissions are to be reported to the engineer immediately.

Levels are in metres unless noted otherwise to Ordnance Survey datum.

The Contractor is responsible for the stability of the building whilst the works are in progress.

NOTES

1. THIS DRAWING IS BASED ON DRAWING NO.1216/02 BY HUTCHINSON DESIGN ASSOCIATES.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING:
   - 5623/21 DRAINAGE DETAILS
   - 5623/22 DRAINAGE SCHEDULES
3. CONTRACTOR IS TO TAKE NECESSARY PRECAUTIONS TO ENSURE THAT TRENCHES ARE KEPT CLEAR OF GROUND WATER DURING CONSTRUCTION.
4. ALL DRAINAGE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH "SEWERS FOR ADOPTION" 7TH EDITION.
5. ALL NON ADOPTED PRIVATE PIPEWORK TO BE 110ø UPVC UNLESS NOTED OTHERWISE.
6. ALL PIPEWORK THROUGH WALLS TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS.
7. ALL PIPEWORK UNDER ROADS WITH LESS THAN 900MM COVER TO HAVE 150MM CONCRETE SURROUND.
8. MINIMUM GRADIENT TO DRAINS TO BE 1:80 FOR 110ø OR 110ø FW AND 1:100 FOR 110ø SW.
9. POSITIONS OF MANHOLES SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. ACTUAL LOCATIONS TO BE FINALIZED ON SITE.
10. PROVIDE CONCRETE LINTELS OVER OPENINGS WHERE PIPES PASS THROUGH WALLS. ALLOW FOR 150MM CLEARANCE ALL ROUND PIPE.

PRELIMINARY

ALL DIMENSIONS AND LEVELS TO BE CHECKED AND CONFIRMED BY THE ARCHITECT PRIOR TO CONSTRUCTION.

REV	DESCRIPTION	DATE	BY
A	AMENDED FLOOR PLANS/DRAINAGE	13/09/21	JS
0	DRAINAGE AMENDED	12/12/19	JS

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CONTRACT
MANOR HALL NURSERY
GARDENER STREET
PORTSLADE, WEST SUSSEX

DRAWING
DRAINAGE LAYOUT

DRAWING No. 56237 / 20		REV A	CHECKED
SCALE 1:100 @ A1	DATE DEC 19	DRAWN JS	APPROVED
AutoCAD Ref: 56237–10.dwg			

This drawing is produced using Autocad: Only written dimensions are to be respected