KEY

- SVP — Soil Vent Pipe with Rodding Access
- ESP — Existing Soil Pipe
- RWP — Rain Water Pipe with Rodding Access
- EG — Existing GULLY
- SS — Stub Stack with Air Admittance valve
- RE — Rodding Eye
- TD — Threshold Drain
- SW –Existing Private Surface Water Sewer
- SW –Proposed Private Surface Water Sewer
- SW –Existing Public Surface Water Sewer
- FW –Existing Private Foul Water Sewer
- FW –Proposed Private Foul Water Sewer
- FW –Existing Public Foul Water Sewer
- ''A'' ''B'' FW –Public Foul Water Sewer Built Over Length ''A–B''
- RWHS –PUMPED WATER SUPPLY TO CONTROL PANEL
- RWHS –PUMPED SUPPLY TO WATER FIXTURE
- F6 — Foul Manhole
- S6 — Surface Water Manhole
- Ext.FWHM — Existing Foul Water Public Sewer Manhole
- Ext.FWHM — Existing Surface Water Public Sewer Manhole
- RWHS — Proposed Surface Water – Rain Water Harvesting System
- SW Soakaway

SOAKAWAY
Ess Versa Void Cellular Structure Modules
(500x500x600mm units)
CL 17.10 (TBC)
TOTL 16.50 (TBC)
BOTL 17.70 (TBC)
Tank Size: 2.5x0.6x0.8m dp
Storage = 1.20cu.m
Note: Greater strength units may be required depending on loadings subjected during the construction period – Contractor to liaise with manufacturer.

RE2
RWP
110ø SWD (5.60m)
GRADE: 1:100
SOAKAWAY
GD
RWP
RE1
FFL:+17.45
110ø SWD (16.20m)
GRADE: 1:100
110ø SWD (8.70m)
GRADE: 1:100
EXT. 150ø FW PUBLIC SEWER
EXISTING FW PUBLIC SEWER TO BE MAINTAINED
S4
SVP
100ø FWD
S6
S1
GRWP
110ø SWD (5.30m)
GRADE: 1:100
110ø SWD (3.40m)
GRADE: 1:100
F1
100ø WC FWD
NEW FW CONNECTION TO THE EXISTING PUBLIC SEWER. INVERT LEVEL TO BE CONFIRMED
NEW MASS CONCRTE FOUNDATIONS TO BE LOCATED A MINIMUM OF 600mm AWAY FROM THE EXISTING PUBLIC FW SEWER.THE SEWER IS TO BE BRIDGED–OVER BY PCC LINTELS.
''B''
1120
600
RWP
S2
A
EXT. 150ø FW PUBLIC SEWER
1120
600
''A''
110ø SWD (7.90m)
GRADE: 1:100
A
GRWP
S3
SUPPLY TO RUN THROUGN GROUND FLOOR VOID TO WC AND WASHING MACHINE.
STORMSAVER MONSOON ECOP 5000 LITRE RAIN WATER HARVESTING SYSTEM (2.40mx1.20mx0.92m HIGH) WITH PUMP SUPLY AND CONTROL UNIT. INSTALLED TO MANUFACTURERS SPECIFICATION.
CL: 17.30
PIL: 16.38:
BTL: 15.54
D: 1.76m
S5
110ø
ESP
EXT. 110ø SWD
dn
110ø SWD (17.10m)
GRADE: 1:100
SERVICE DUCT SUPLY
SUPPLY TO RUN THROUGN EXISTING SHOP/ OFFICE BUILDING TO WC AT FIRST FLOOR. ROUTE TO BE CONFIRMED
RWP
EXT. 100ø FWD
EXT. 100ø FWD
ESP
Ext.FWMH
REF:621D
CL 17.30
IL 16.00
D:1.30m
NEW MASS CONCRTE FOUNDATIONS TO BE LOCATED A MINIMUM OF 600mm AWAY FROM THE EXISTING PUBLIC FW SEWER.THE SEWER IS TO BE BRIDGED–OVER BY PCC LINTELS.
RAIN WATER HARVESTING SYSTEM SERVICE DUCT SUPLY TO CONTROL PANNEL UNIT
PUMPED OUTLET SUPLY/ USAGE FEED TO BUILDINGS
WATER PRESSURE CONTROL KIT
RAIN WATER HARVESTING SYSTEM PUMP & WATER SUPLY CONTROL PANNEL UNIT

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.1178–01 TO 03 BY KTA ARCHITECTS LIMITED.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING:

   62217/11 DRAINAGE DETAILS

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 ADOPTED PIPEWORK TO BE 100ø VITRIFIED CLAY 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 1:40 FOR 110ø OR 110ø FW AND 1:100 FOR 110ø SW.
9. ALL ADOPTED PIPEWORK, DRAINAGE LATERALS OR PIPE CONNECTION TO THE PUBLIC SHALL BE VITRIFIED CLAY (VC) PIPE MATERIAL TO SOUTHERN WATER APPROVAL.
10. POSITIONS OF MANHOLES SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. ACTUAL LOCATIONS TO BE FINALIZED ON SITE.
11. PROVIDE CONCRETE LINTELS OVER OPENINGS WHERE PIPES PASS THROUGH WALLS. ALLOW FOR 150MM CLEARANCE ALL ROUND PIPE.

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

REV	DESCRIPTION	DATE	BY
D	DESIGN NOTE AMENDED	29/10/24	JS
C	RWHS SUPPLY ROUTE ADDED	21/10/24	JS
B	AMENDED DRAINAGE /RWHS	14/10/24	JS
A	PIPE MATERIAL NOTE (VC) ADDED	11/09/24	JS
0	ORIGINAL ISSUE	02/09/24	JS

FOUL WATER MANHOLE SCHEDULE

M/H REF	APPROX. COVER LEVEL	INVERT LEVEL	DEPTH (M)	M/H TYPE	COVER TYPE	COMMENTS
F1	17.30	16.70	0.60	3	B125	

SURFACE WATER MANHOLE SCHEDULE

M/H REF	APPROX. COVER LEVEL	INVERT LEVEL	DEPTH (M)	M/H TYPE	COVER TYPE	COMMENTS
RE1	17.30	16.75	0.45	RODDING EYE	–	
S1	17.30	16.66	0.64	3	B125	
S2	17.30	16.62	0.68	3	B125	
S3	17.30	16.49	0.81	3	B125	
RE1	17.20	16.75	0.45	RODDING EYE	–	
S4	17.30	16.53	0.55	3	B125	
S5	17.30	16.40	0.90	3A SILT TRAP	B125	

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CONTRACT
80 HIGH STREET
STEYNING
WEST SUSSEX

DRAWING
DRAINAGE LAYOUT

DRAWING No.	REV	CHECKED
62217 / 10	D	
SCALE 1:50 @ A1 / DATE SEPT 24	DRAWN JS	APPROVED
AutoCAD Ref: 62217–10.dwg		

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