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
- Channel drain
- SW —Existing Private Surface Water Sewer
- SW —Proposed Private Surface Water Sewer
- SWPLD —Proposed Private Perforate Land Drain
- SWPLD —Proposed Private Perforate Land Drain
- FW —Existing Private Foul Water Sewer
- FW —Proposed Private Foul Water Sewer
- F6 — Foul Manhole
- S6 — Surface Water Manhole
- GTC — Grease Trap Chamber
- Permeable Risen Bounded Gravel
- Permeable Tarmac
- Existing Tarmac Re—surfacing
- Ext.FWMH — Existing Foul Water Manhole
- Ext.SWMH — Existing Surface Water Manhole
- EGY — Existing Road Gully
- +4.12 — Existing Ground Level
- +4.150 — Proposed Finish Ground Level

NEW SW MANHOLE TO BE CONSTRUCTED ON THE LINE OF THE EXISTING SW DRAIN. INVERT LEVEL TO BE CONFIRMED.

Ext. 150mm ø FWD

Ext.FMH7
CL 4.58
IL 2.92(TBC)

Ext. 150mm ø FWD

Ext.FMH6
CL 5.00
IL 3.54

Ext. 150mm ø SWPLD

S4

NEW SW CONNECTION INTO EXISTING ROAD GULLY.

NEW FW MANHOLE TO BE CONSTRUCTED ON THE LINE OF THE EXISTING FW DRAIN. INVERT LEVEL TO BE CONFIRMED.

F6 GTC F5 F4 F3 F2 F1

Ext.FWMH
CL 4.00
IL 3.05

FFL:+4.160

Ext.SMH
CL 4.13
IL 3.91

Ext. 100mm ø SWPLD

EXISTING TARMAC HARDSTANDING AREA TO RESURFACED WITH CROSSFALL TO CHANNEL DRAIN

EXISTING FW MANHOLE AND SECTION OF FW DRAIN TO BE ABANDONED AND GRUBBED OUT.

ACO CHANNEL DRAIN

EXISTING SW MANHOLE AND SECTION OF SW DRAIN TO BE ABANDONED AND GRUBBED OUT.

110mm ø PERFORATED DRAIN

PERMEABLE TARMAC PAVING CONSTRUCTION.

RE

210MM DEEP ACO MULTI DRAIN CHANNEL TYPE M150 (REF:1151) FITTED WITH SILTTRAP (REF:23218). CHANNEL COVER LEVEL: 4.12 CHANNEL INVERT LEVEL: 3.95

EXISTING TARMAC HARDSTANDING AREA TO RESURFACED WITH CROSSFALL TO CHANNEL DRAIN

210MM DEEP ACO MULTI DRAIN CHANNEL TYPE M150 (REF:1151) FITTED WITH SILTTRAP (REF:23218). CHANNEL COVER LEVEL: 4.12 CHANNEL INVERT LEVEL: 3.90

EXISTING HARDSTANDING TARMAC AREA TO RESURFACED WITH CROSSFALL TO CHANNEL DRAIN

210MM DEEP ACO MULTI DRAIN CHANNEL TYPE M150 (REF:1151) FITTED WITH SILTTRAP (REF:23218). CHANNEL COVER LEVEL: 4.12 CHANNEL INVERT LEVEL: 3.85

CHANNEL PIPE OUTLET INVERT LEVEL 3.83m

NEW OUTFALL PIPE INVERT LEVEL 3.80m. HIGH WATER LEVEL 3.70m.

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.6923/PL—10 BY ECE ARCHITECTURE LIMITED.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING:

   58108/11 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 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 150ø 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 FOR COMMENTS

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

REV	DESCRIPTION	DATE	BY
D	NOTES MENDED TO INDICATE CHANNEL DRAIN COVER & INVERT LEVELS. PAVEMENT RE—SURFACING TO CROSS FALLS	24/02/21	JS
C	PROPOSED LEVELS ADDED	01/02/21	JS
B	ARCHITECTS LAYOUT/SVP POSITIONS	01/02/21	JS
A	SW CHANNEL DRAIN OPTION	22/01/21	JS
0	ORIGINAL ISSUE —	15/01/21	JS

FOUL WATER MANHOLE SCHEDULE

M/H REF	APPROX. COVER LEVEL	INVERT LEVEL	DEPTH (M)	M/H TYPE	COVER TYPE	COMMENTS
F1	4.16	3.29	0.87	4 (INTERNAL)	B125	DOUBLE SEALED COVER & FRAME
F2	4.16	3.20	0.96	4 (INTERNAL)	B125	DOUBLE SEALED COVER & FRAME
F3	4.16	3.15	1.01	4 (INTERNAL)	B125	DOUBLE SEALED COVER & FRAME
F4	4.16	3.05	1.11	4 (INTERNAL)	B125	DOUBLE SEALED COVER & FRAME
F5	4.10	3.65	0.45	3	B125	
GTC	4.10	PIL:3.60 3.44	0.66	GREASE TRAP	B125	GOODFLO GREASE TRAP MODEL—GT1
F6	3.99	3.00	0.99	3	B125	

SURFACE WATER MANHOLE SCHEDULE

M/H REF	APPROX. COVER LEVEL	INVERT LEVEL	DEPTH (M)	M/H TYPE	COVER TYPE	COMMENTS
RE1	4.88	4.28	0.60	RODDING EYE	—	
S1	5.10	TBC	TBC	3A 500ø SILT TRAP	D400	

DIXON HURST

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CONTRACT

DRY DOCK BUILDING SHOREHAM HARBOUR

DRAWING

DRAINAGE LAYOUT

DRAWING No. 58108 / 10		REV D	CHECKED
SCALE 1:125 @A1	DATE DEC 20	DRAWN JS	APPROVED
AutoCAD Ref: 58108—10.dwg			

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