Drainage Construction Notes

1. All materials and workmanship related to private sewers shall be in accordance with Part H of the Building Regulation and BSEN752

2. All materials and workmanship related to adoptable sewers shall be in accordance with the Sewers For Adoption 7th Edition as published by the Water Services Association and any subsequent revisions shown by SHW.

3. All sustainable drainage (SuDS) to be in accordance with CIRIA C753 The SuDS Manual.

4. Gulley grating and aco channel shall be ductile iron to BS EN124, Class D400, and kitemarked.

5. Manhole covers and frames to be ductile iron to BS EN124 Class D400 in carriageways and Class B125 in verges unless otherwise specified. Covers to be kitemarked and badged "SW" or "FW" as appropriate. Brick/brick infilled manhole covers are not to be used on adoptable manholes.

6. All clayware pipes to be vitrified clay to BS EN 295 or BS 65 and of minimum strength Class 120 or Extra Strength respectively.

7. All plastic pipes to be PVC-U in accordance with BS EN 1401.

8. All carrier drains under carriageway to be constructed with BEDDING TYPES S or Z depending on depth of cover as described on Typical Drainage Details drawing.

9. All pipe connections to be made soffit to soffit.

10. All pipework with less than 1.2m cover within roads or parking areas to have concrete bed & surround.

11. If the contractor finds any discrepancies in the information provided then he must notify the engineer immediately before any materials are ordered or works undertaken

12. All underslab drainage at minimum 1 in 40 fall unless noted otherwise.

13. All dimensions in millimetres unless otherwise stated.

14. All patios to drain away from properties.

KEY:

- Proposed Foul Water
- Existing Public FW Sewer — FW
- Proposed Surface Water
- Existing Public SW Sewer — SW
- Channel Drain
- Partial infiltration Pipe
- Proposed porous paving
- Existing Private FW Sewer

N E S W

GENERAL NOTES

1.1. THIS DRAWING IS COPYRIGHT AND SHOULD NOT BE REPRODUCED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF STILWELL LTD.
1.2 DO NOT SCALE FROM THIS DRAWING.
1.3. LOCATIONS OF ALL EXISTING SERVICES ON-SITE TO BE CONFIRMED & PROVIDED TO THE ENGINEER PRIOR TO COMMENCEMENT OF WORKS.
1.4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT STILWELL LTD DRAWINGS & SPECIFICATIONS.

FFL 5.000
RE CL 4.850 IL 4.500
100mmØ
FW03 CL 4.650 IL 3.660
100mmØ 1/80
FWIC CL 4.540 IL 3.360
To FWMH 0407 (9m from fenceline) CL 4.780 IL 3.260
100mmØ FW Sewer
Proposed porous asphalt to the specification agreed with the drainage officer. Minimum 350mm clean stone layer (orange hatch) on porous geotextile to ensure surface drains into the ground. Cover level 4.850 Base level 4.370
New connection into existing private chamber
IC UTL CL 4.52
FWIC CL 4.520 IL TBC
FWIC CL 4.500 IL 3.600
IC FW CL 4.50 IL 3.60 100
Proposed porous asphalt to the specification agreed with the drainage officer. Minimum 350mm clean stone layer (green hatch) on porous geotextile to ensure surface drains into the ground. Cover level 4.650 Base level 4.170
100mmØ 1/57
FW02 CL 4.650 IL 4.050
Diffuser block wrapped in geotextile to be set in clean stone layer of porous surface for dispersal of surface water. Upstream silt trap inspection chamber as per typical detail.
Threshold gully to manage any potential flash flows from car parking area. Discharge into clean stone layer of porous surface
Hardstanding outside of ownership boundary to remain insitu.
450mmØ Public SW Sewer
Approx IL 3.10m AOD. TBC on site by trial hole
SW Sewer
To SWMH 0351 CL 4.330 IL 3.130
Overgrown Brambles
Grass
Concrete
Garages
Unknown House
Former Kings Beach Hotel
Tarmac Car park
Tarmac Footpath
Shops
Dilapidated Fence
Overhead cable
Flat Roof 8.44
Flat Roof 8.41
Ridge 14.77
Ridge 14.27
Ridge 14.38
Ridge 14.17
Ridge 9.13
Ridge 9.09
Ridge 9.01
Eave 7.14
Eave 7.02
Eave 7.04
Eave 7.03
Eave 11.64
Eave 10.80
Eave 10.76
Eave 10.81
Eave 10.79
Eave 10.77
Eave 10.77
Eave 10.79
CBF 1.8
CBF 1.1
TP CBF 1.8
BTIC CL 4.73
CB
BO
SV 4.69
SV 4.71
G 4.54
G 4.41
RS
LP

Rev.	Amendments	Date	By
C3	Floor Levels Adjusted	08.01.18	AJ
C2	Minor Update	04.01.18	AJ
C1	Construction Issue	03.01.18	AJ
T3	Positive outfall for SW removed based on site testing and council response	02.01.18	AJ
T2	Design updated following on-site infiltration testing at shallow depth	10.12.18	AJ
T1	Tender Issue	07.12.18	AJ
P3	Updated to SWU comments	28.08.18	AJ
P2	Updated to comments	10.07.18	AJ
P1	INITIAL ISSUE.	25.06.18	AJ

Revisions

Part of Patrick Parsons
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Client: Hallson Homes Limited

Project: The Former Kings Beach Hotel
The Parade, Pagham

Drawing: Drainage Layout

Scales 1:100 At original size A1

Drawn AJ Date Jun 2018 Checked DB

Status CONSTRUCTION

Drawing No. A18237/0200 Rev. C3