Key

- Denotes existing adopted foul water sewer.
- Denotes existing adopted foul water sewer to be abandoned.
- Denotes proposed surface water sewer
- Denotes proposed foul water sewer
- Denotes permavoid pavement system installed in accordance with manufacturers requirements.
- Denotes permavoid pavement system installed in accordance with manufacturers requirements.
- G — Denotes adoptable highway road gullies.

Headwall outfall subject to agreement with welland & deepings internal drainage board

Flap valve to be fitted to headwall outlet pipe.

IL 2.240

Flow control chamber with hydro-brake flow control device to restrict discharge rate 1l/s/s. discharge rate subject to agreement with Welland & Deepings Internal Drainage Board.

S4
CL 3.280
IL 2.255

S3
CL 3.495
IL 2.280

S1
CL 3.805
IL 2.315

S2
CL 3.535
IL 2.310

Refuse & Re-Cycling

Hardstanding

Entrance

1.2m High Wall

1.8m High Close Boarded Wooden Fence

Perforated Pipe

375ø @ 1:294

375ø @ 1:311

375ø @ 1:250

Route of proposed adopted sewer diversion subject to Section 185 agreement with Anglian Water.

F2
CL 3.610
IL 1.424

F1-1
CL 3.710
IL 2.470

F1
CL 3.815
IL 1.477

F1-2
CL 3.815
IL 2.150

150ø @ 1:20

100ø @ 1:10

EXISTING 150ø VC AW FOUL SEWER

Existing Anglian Water foul sewer to be diverted subject to Section 185 Agreement.

AW MH REF: 0302
CL 3.646
IL 1.227

F1
CL 3.795
IL 1.267

AW MH REF: 0303
CL 3.879
IL 1.322

Foul sewer connection subject to Section 106 Agreement with Anglian Water

F2-1
CL 3.600
IL 1.920

F5-1
CL 3.560
IL 2.675

F7-1
CL 3.840
IL 3.330

F7-2
CL 3.840
IL 2.290

F8-1
CL 4.295
IL 3.005

100ø @ 1:5

100ø @ 1:20

100ø @ 1:10

Drop Kerb

LINEAR DRAIN

AW MH REF: 0203
IL 1.532

Foul sewer connection subject to Section 106 Agreement with Anglian Water

PRIVATE DRIVE

Street Light

Vistula Park

PLOT 7 DWELLING SUBJECT TO ANGLIAN WATER BUILD OVER AGREEMENT

EXISTING 150ø VC AW FOUL SEWER

Existing Anglian Water foul sewer to be diverted subject to Section 185 Agreement.

Foul sewer connection subject to Section 106 Agreement with Anglian Water

MH CL= 3.492

4.176

3.396

3.892

3.819

4.241

4.21

WTR

BT (box)

Kerb

Table

General Private Drainage Notes:

1. This drawing is to be read in conjunction with all relevant Architects drawings and project specifications.
2. All drainage works shall be carried out in accordance with the relevant parts of BSEN 752 'Drains and Sewer Systems Outside Buildings', the current Building Regulations and the Local Authority Building Control specifications and requirements.
3. The location, size and depth of all existing drains/sewers and services shall be established and confirmed by the contractor prior to commencement of works on site. Any discrepancies from the information indicated on these drawings shall immediately be brought to the attention of the engineers.
4. All pipes shall be laid with soffits level u.n.o. All manhole/inspection chamber invert levels shown are for the outlet pipe u.n.o. All pipe runs shall be laid to the levels indicated.
5. All private foul and surface water pipes to be 100mm unless stated otherwise. With minimum falls to comply with Building Regulations Part H.
6. All RWP's & SVP's connections to be 100mm dia (unless specified otherwise by the Architect). Road gully connections to be 150mm dia.
7. All RWP's, SVP's and connections are shown indicatively or to the latest Architects drawings. Position of down pipes must be confirmed from Architects drawing before laying underground pipework. All down pipes should be provided with a roddable access point above the FFL.
8. All private drainage laid within 1m from tree canopies and hedges to have concrete bed and surround.
9. Filled ground or soft spots must be excavated, backfilled and consolidated before any drainage works are carried out.
10. No water should be allowed to discharge from any private drives onto the adoptable highways. All private gullys and channel drainage positions shown may vary to suit on site working conditions.
11. All drainage works to commence at outfall.
12. Gradients indicated are indicated for hydraulic design, not setting-out purposes.
13. If the Contractor deviates from the approved design drawings, any changes should be agreed with the Inspecting Engineer and Client prior to construction.
14. All levels based on topographical survey levels.
15. All manholes to be marked with 'FW' or 'SW' as appropriate.
16. Existing pipe work chambers and gullies to be abandoned shall be broken out, or backfilled with Class C20 concrete with ends grouted up.
17. Manhole cover slabs to be rotated so that access covers are positioned outside the wheel track of cars and cyclists.
18. Precast concrete manhole rings shall not be cut under any circumstances.
19. All materials to be British Standard Kite Marked.

19. Do not scale from this drawing.

S:\Shared Folders\AEQ\AEQ-215-Surfleetxrefs\BodPave Typical Detail.JPG

TYPICAL BODPAVE DETAIL

Rev	Revision	Drn	App	Date
P5	LAYOUT REVISED	AEQ		12/21
P4	PATHWAY AMENDED TO HIGHWAYS COMMENTS	AEQ		10/21
P3	DRIVEWAYS AMENDED FOR PLOTS 2, 3 & 4.	AEQ		10/21
P2	ATTENUATION PROPOSAL REVISED SITE LAYOUT REVISED TO SUIT LATEST ARCHITECTS PLAN.	AEQ		09/21
P1	PRELIMINARY – FOR APPROVAL	AEQ		08/21

SHIELDS WILSON
e: info@shieldswilson.co.uk t: 01775 729252
STRUCTURAL AND CIVIL ENGINEERING

Status: PRELIMINARY

Client: SCOTT PARK

Project: RESIDENTIAL DEVELOPMENT
GOSBERTON ROAD, SURFLEET, SPALDING

Title: PROPOSED DRAINAGE PLAN

Date	AUG. '21	Scale @A1	Drawing No.	Rev
Appr		1:200 @ A1	21-178/02	P5

COPYRIGHT SHIELDS WILSON LIMITED. ALL RIGHTS RESERVED.