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.

Flow control chamber with hydro-brake flow control device to restrict discharge rate to 1.4l/s. Discharge rate subject to agreement with Welland & Deepings Internal Drainage Board.

AW MH REF: 0302
CL 3.646
IL 1.227

AW MH REF: 0303
CL 3.879
IL 1.322

F1
CL 3.795
IL 1.267

S1 CL 3.805 IL 2.315
S2 CL 3.535 IL 2.310
S3 CL 3.495 IL 2.280
S4 CL 3.280 IL 2.255
F1 CL 3.815 IL 1.477
F2 CL 3.610 IL 1.424
F2-1 CL 3.600 IL 1.920
F1-1 CL 3.710 IL 2.470
F1-2 CL 3.815 IL 2.190
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 3.085

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

EXISTING 150ø VC AW FOUL SEWER

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

LINEAR DRAIN

AW MH REF: 0203
IL 1.532

Foul sewer connection subject to Section 106 Agreement with Anglian Water

Foul sewer connection subject to Section 106 Agreement with Anglian Water

PLOT 7 DWELLING SUBJECT TO ANGLIAN WATER BUILD OVER AGREEMENT

Surveyed bottom of ditch

Approx' top of ditch - unable to survey due to thick vegetation and trees

Unable to survey area due to thick vegetation and trees

Unable to survey area due to thick vegetation

Concrete hardstanding

Existing Greenhouse

Existing Greenhouse

1.8m High Close Boarded Wooden Fence

Perforated Pipe

100ø @ 1:20

150ø @ 1:10

375ø @ 1:294

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
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

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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	P3

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