PROPOSED AMENDED / NEW DWELLINGS TO HAVE ROOF WATER COLLECTED & DISCHARGED TO SOAKAWAYS IN REAR GARDENS (PRINCIPLE AS PER ALREADY APPROVED / CONSTRUCTED SCHEME)

PROPOSED AMENDED / NEW DWELLINGS TO HAVE PERMEABLE BLOCK PAVED DRIVEWAYS. RUN-OFF DISCHARGED VIA INFILTRATION (PRINCIPLE AS PER ALREADY APPROVED / CONSTRUCTED SCHEME)

GREEN HATCHED AREA DENOTES AN INCREASE IN SURFACE AREA DRAINING TO ADOPTED HIGHWAY DRAINAGE SYSTEM: 68m²

ORANGE HATCHED AREA DENOTES A REDUCTION IN SURFACE AREA DRAINING TO ADOPTED HIGHWAY DRAINAGE SYSTEM: 68m²

MINOR PROPOSED ALTERATIONS TO SECTION 104 FOUL DRAINAGE TO RELOCATE CHAMBER F33

MINOR PROPOSED AMENDMENTS TO SECTION 38 GULLY AND LATERAL

PREVIOUSLY APPROVED DRAINAGE SYSTEM UNDER PLANNING REF: H09-0872-18 & SECTION 38 AGREEMENT WITH LCC HIGHWAYS. APPROVED SYSTEM WAS AGREED TO DRAIN 2,620m² OF CARRIAGEWAY & FOOTPATHS DISCHARGING TO IDB WATERCOURSE AT 5L/S WITH AN ATTENUATION BASIN.

PURPLE AREA DENOTES EXISTING APPROVED HIGHWAY LAYOUT

EXISTING FLOW CONTROL CHAMBER WITH 5L/S HYDROBRAKE

EXISTING DISCHARGE LOCATION TO IDB WATERCOURSE

EXISTING ATTENUATION BASIN HAS 300mm FREEBOARD WITH PREVIOUSLY APPROVED SCHEME

EXISTING SURFACE WATER DRAINAGE SYSTEM SERVING THE NORTH OF THE SITE IS UNAFFECTED BY THE PROPOSALS. DISCHARGE IS MAINTAINED TO THE IDB WATERCOURSE LOCAL TO PLOT 1

SUMMARY OF DRAINED AREAS TO EXISTING SYSTEM:	
EXISTING APPROVED SCHEME	2,640m²
AREA REMOVED	68m²
AREA ADDED	68m²
TOTAL PROPOSED AREA	2,640m²
OVERALL DIFFERENCE	0m²

THE AMENDMENTS WILL HAVE NO IMPACT ON THE DEMAND ON THE EXISTING DRAINAGE NETWORK

KEY:

- EXISTING / APPROVED FOUL WATER - ANGLIAN WATER
- EXISTING / APPROVED SURFACE WATER - LCC HIGHWAYS
- PROPOSED FOUL WATER - ANGLIAN WATER
- PROPOSED FOUL WATER - PRIVATE
- PROPOSED GULLY AND LATERAL - LCC HIGHWAYS
- PROPOSED BLOCK PAVED DRIVEWAYS - INFILTRATION TO GROUND
- PROPOSED DWELLINGS - TO INFILTRATE VIA SOAKWAYS

Rev	Revision	Drn	App	Date
P3	FOR PLANNING	MP	APW	03/22
P2	FOR PLANNING	MP	APW	03/22
P1	FOR PLANNING	MP	APW	03/22

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STRUCTURAL AND CIVIL ENGINEERING

Status: FOR PLANNING

Client: D BROWN BUILDERS

Project: PROPOSED ADDITIONAL PLOTS AT LAND OFF WIGNALS GATE, HOLBEACH

Title: PROPOSED DRAINAGE STRATEGY

Date	MAR. '22	Scale @A1	Drawing No.	Rev
Appr	APW	1:500	22–163–10	P3

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