PLEASE REFER TO ARCHITECTS DRAWINGS FOR CONFIRMATION OF ALL WALL/SETTING OUT DIMENSIONS PRIOR TO COMMENCING OF WORKS

THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS & STRUCTURAL CALCULATIONS

N

KEY:

- EXISTING FOUL WATER – AWS
- PROPOSED FOUL WATER SEWER – MANAGEMENT CO.
- PROPOSED FOUL WATER CHAMBER – MANAGEMENT CO.
- PROPOSED FOUL DRAIN – PRIVATE
- PROPOSED FOUL INSPECTION CHAMBER – PRIVATE
- PROPOSED SURFACE WATER SEWER – MANAGEMENT CO.
- PROPOSED SURFACE WATER CHAMBER – MANAGEMENT CO.
- PROPOSED ROAD GULLY – MANAGEMENT CO.
- PROPOSED UNDERGROUND ATTENUATION TANK – MAN. CO.
- PROPOSED SURFACE WATER DRAIN – PRIVATE
- PROPOSED SURFACE WATER INSPECTION CHAMBER – PRIVATE
- EXISTING SITE LEVEL
- PROPOSED SITE LEVEL
- PROPOSED SURFACE FALL
- PROPOSED PRIVATE ROAD – TARMAC
- PROPOSED PRIVATE DRIVE/PARKING COURT – TARMAC
- PROPOSED DRIVEWAY – GRAVEL
- PROPOSED CAR PARKING – BLOCK PAVING

POPLAR TREES
AVERAGE SIZE
G1.20
S2.00
H12.00

DILAPIDATED RAIL FENCE

BOARDED FENCE

PROPOSED GRAVEL BOARD RETAINING ALONG BOUNDARY (0–250mm)

PLOT 5 FFL 3.900
PLOT 6 FFL 3.900
PLOT 3 FFL 3.900
PLOT 4 FFL 3.900
PLOT 2 FFL 3.900
PLOT 1 FFL 3.900

PARKING COURT & TURNING AREA

RE01–01 IL: 3.170
RE01–02 IL: 3.035
RE02–01 IL: 3.200
RE03–01 IL: 3.225
RE04–01 IL: 3.200
RE05–01 IL: 3.225
RE06–01 IL: 3.265

FW01–01 300ø IC CL: 3.750 IL: 3.150
FW01–02 450ø IC CL: 3.825 IL: 2.775
FW01–03 450ø IC CL: 3.900 IL: 2.380
FW01–04 450ø IC CL: 3.750 IL: 2.950
FW02–01 300ø IC CL: 3.750 IL: 3.150
FW02–02 450ø IC CL: 3.750 IL: 2.800
FW02–03 450ø IC CL: 3.900 IL: 2.455
FW02–04 450ø IC CL: 3.750 IL: 2.950
FW03–01 300ø IC CL: 3.750 IL: 3.150
FW03–02 450ø IC CL: 3.750 IL: 2.800
FW03–03 450ø IC CL: 3.885 IL: 2.490
FW04–01 300ø IC CL: 3.750 IL: 3.150
FW04–02 450ø IC CL: 3.750 IL: 2.825
FW04–03 450ø IC CL: 3.885 IL: 2.555
FW05–01 300ø IC CL: 3.750 IL: 3.150
FW05–02 450ø IC CL: 3.750 IL: 2.945
FW05–03 450ø IC CL: 3.885 IL: 2.770
FW06–01 300ø IC CL: 3.750 IL: 3.150
FW06–02 450ø IC CL: 3.750 IL: 2.935
FW06–03 450ø IC CL: 3.885 IL: 2.760

NEW F01 450ø IC CL: 3.725 IL: 2.420
NEW F02 450ø IC CL: 3.850 IL: 2.255
NEW F03 450ø IC CL: 3.750 IL: 2.135
NEW F04 450ø IC CL: 3.750 IL: 1.965
NEW F05 450ø IC CL: 3.800 IL: 1.755

SW02–01 300ø IC CL: 3.700 IL: 3.100
SW02–02 450ø CATCHPIT IC CL: 3.725 IL: 2.960
SW03–01 300ø IC CL: 3.725 IL: 3.125
SW03–02 450ø CATCHPIT IC CL: 3.750 IL: 3.035
SW04–01 450ø CATCHPIT IC CL: 3.750 IL: 2.950
SW05–01 300ø IC CL: 3.750 IL: 3.150
SW05–02 450ø CATCHPIT IC CL: 3.725 IL: 3.075
SW06–01 300ø IC CL: 3.750 IL: 3.190

NEW S01 WITH CATCHPIT CL: 3.550 INCOMING IL: 2.000 OUTGOING IL: 2.800
NEW S02 1200ø MH CL: 3.680 IL: 2.475

PROPOSED OVERFLOW SW SOAKAWAY: 320 NO. POLYSTORM LITE SOAKAWAY CRATES, REF: PSM2. O.S.A. TO BE LAID 5 LONG, 32 WIDE, 2 DEEP FORMATION LEVEL: 2.000

PROPOSED VENTING FROM SOAKAWAY CRATES INTO SOFT LANDSCAPING AREA

PROPOSED OVERBUILD ALONG DWELLING (0–150mm)

PROPOSED GRAVEL BOARD RETAINING ALONG BOUNDARY (0–250mm)

FW IL: 2.590 SW IL: 3.105
FW IL: 2.515 SW IL: 3.095
FW IL: 2.225 SW IL: 2.765
FW IL: 1.975 SW IL: 3.025

INCOMING IL: 1.880
INCOMING IL: 1.850

EAVE 8.49
EAVE 8.44
EAVE 8.48
RIDGE 11.34
DWELLING

GENERAL PRIVATE DRAINAGE NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SHIELDS WILSON LTD. AND 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 INTERNAL POP–UPS WHICH DO NOT CONNECT TO A CHAMBER EXTERNALLY TO HAVE INTERNAL RODDABLE ACCESS POINT.
9. ALL PRIVATE DRAINAGE LAID WITHIN 1m FROM TREE CANOPIES AND HEDGES TO HAVE CONCRETE BED AND SURROUND.
10. FILLED GROUND OR SOFT SPOTS MUST BE EXCAVATED, BACKFILLED AND CONSOLIDATED BEFORE ANY DRAINAGE WORKS ARE CARRIED OUT.
11. 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.
12. DO NOT SCALE FROM THIS DRAWING.

1:100 0 1 2 3 4 6 8 10m

REV.	DESCRIPTION	DRN.	APP.	DATE
–	PRELIMINARY – FOR APPROVAL	MRB	APW	21.07.23

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

STATUS: FOR INFORMATION

CLIENT: SEAGATE HOMES

PROJECT: 6 PLOT RESIDENTIAL DEVELOPMENT
37 FLEET ROAD, HOLBEACH,
LINCOLNSHIRE, PE12 8LA

TITLE: PROPOSED DRAINAGE ARRANGEMENT (NORTH)

DATE	JUNE '23	SCALE @A1 1:100	DRAWING NO. SW23–218–101	REV. –
DRAWN	MRB			

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