

KLARGESTER BIO-DISC BA PACKAGE TREATMENT PLANT (OR SIMILAR) FOR MIN. PE OF 8 (STORAGE VOLUME OF 0.9m³)

PTP 1995
CL:46.700
IL:45.901

OUTLET PIPE OUTLET TO MINI-SWALE WITH STEP IN LEVELS NO WORKS WITHIN WATERCOURSE IL:45.764

OFFSITE EPHEMERAL WATERCOURSE NOTED OFFSITE DURING SITE WALKOVER. POTENTIALLY ONLY FIELD BOUNDARY DRAIN

NO DIRECT LINE OF SIGHT ON THIS LOCATION BUT WATERCOURSE DISAPPEARS IN THIS LOCATION

"SPRING" NOTED IN THIS LOCATION SUSPECTED OUTFALL OF CULVERTED (OR OTHERWISE BELOW GROUND FLOW) FROM FIELD DRAIN TO THE WEST

LINE OF WATERCOURSE FOLLOWED AND AFTER SITE FOLLOWS LINE OF ROAD OUTFALLING INTO HIGHWAY GULLY AND THROUGH CULVERTED WATERCOURSE TO THE UNNAMED WATERCOURSE TO THE SOUTH BY LOWER STRODE ROAD

EXISTING FOUL TREATMENT TYPE AND CAPACITY UNKNOWN, EXISTING OUTFALL COULD NOT BE IDENTIFIED DURING WALKOVER

Notes:

LEGEND

- EXISTING PRIVATE SURFACE WATER SEWER & MANHOLE
- EXISTING PRIVATE FOUL WATER SEWER & MANHOLE
- EXISTING WATERCOURSE OPEN\CULVERT
- EXISTING CHANNEL DRAIN
- PROPOSED PRIVATE SURFACE WATER DRAIN & CHAMBER
- PROPOSED PRIVATE FOUL WATER SEWER & CHAMBER (100mmØ UNLESS NOTED OTHERWISE)
- INTERNAL FOUL CONNECTION POINT (INDICATIVE)
- RAINWATER DOWNPIPE 100Ø CONNECTION (INDICATIVE). LEAF EXCLUDER ON DOWNPIPE
- PROPOSED WATER BUTT
- GEOCELLULAR ATTENUATION TANK LINKED TO MAIN NETWORK VIA LATERAL FILTER DRAIN
- PROPOSED MINI-SWALE WITH 300mm WIDE BASE AND 1 IN 1 SIDE SLOPES
- PROPOSED LINEAR CHANNEL

- NOTES:
- DO NOT SCALE FROM DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DETAILS AND SPECIFICATIONS.
 - EXISTING DRAINAGE INFORMATION BASED ON SITE WALKOVER AND MAY DIFFER ON SITE
 - CHECK ALL EXISTING DRAINAGE INVERTS AND PIPE SIZES AND REPORT FINDINGS TO ENGINEER PRIOR TO COMMENCING DRAINAGE CONSTRUCTION WORKS
 - OUTFALLS SUBJECT TO LAND DRAINAGE CONSENTS
 - PLASTIC PIPES TO HAVE A JETTING RESISTANCE OF 4000psi
 - ALL WORKS TO BE IN ACCORDANCE WITH BUILDING REGULATIONS PART H

PLASTIC PIPES ARE TO BE IN ACCORDANCE WITH THE DCG:

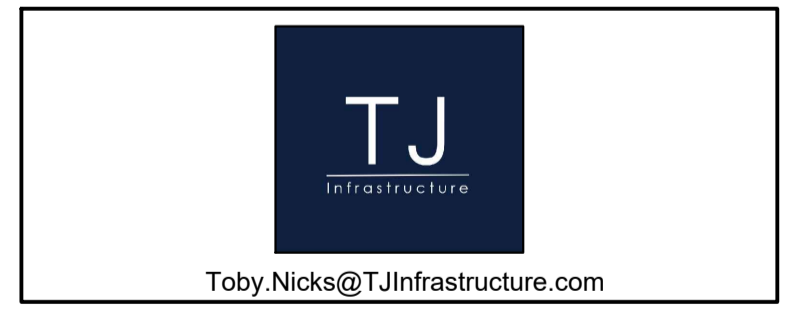
E2.21 THERMOPLASTICS SOLID WALL PIPES AND FITTINGS FOR GRAVITY SEWERS

- THERMOPLASTICS PIPES, JOINTS AND FITTINGS FOR GRAVITY SEWERS SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 1401-1 (PVC-U), BS EN 1852-1 (PP), OR BS EN 12666-1 (PE) AS APPROPRIATE.
- ANCILLARY DRAINAGE FITTINGS SHALL COMPLY WITH BS EN 13598-1 OR BS 4660, AS APPROPRIATE.

E2.22 THERMOPLASTICS STRUCTURED WALL PIPE

- THERMOPLASTICS STRUCTURED WALL SEWER PIPE SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 13476-1 AND WS 4-35-01 AND BS EN 13476-2 OR BS EN 13476-3. PIPES SHALL BE BSI KITEMARKED OR HAVE EQUIVALENT THIRD PARTY CERTIFICATION.
- PIPES LESS THAN OR EQUAL TO 500 mm IN DIAMETER SHALL HAVE NOMINAL SHORT-TERM RING STIFFNESS NOT LESS THAN 8 kN PER M² (SN8) OR BE SUBJECT TO A QUALITY SYSTEM FOR STORAGE AND EMBEDMENT.
- NOMINAL SHORT-TERM RING STIFFNESS OF 2 kN PER M² (SN2) IS ACCEPTABLE FOR PIPES GREATER THAN 500 mm IN DIAMETER, SUBJECT TO STRUCTURAL DESIGN LOAD CALCULATIONS IN ACCORDANCE WITH BS 9295:2019 WHICH SHALL BE PROVIDED TO SUPPORT THIS.
- MAXIMUM LENGTH OF PIPE FOR LAYING IS 3 m OR 10 x DN, WHICHEVER IS THE GREATER.

P01	First issue	TN	05/04/23
REV:	DESCRIPTION:	BY:	DATE:
STATUS:		PLANNING	



CLIENT:
Martin Brice & Jenna Brice

ARCHITECT:
Barefoot Architects

SITE:
Springfield House, Regil

TITLE:
Drainage Layout (Sheet 2 of 2)

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:100	05/04/23	TN	TN
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