



- KEY**
- SITE BOUNDARY
  - EXISTING PUBLIC FOUL WATER SEWER
  - EXISTING PUBLIC SURFACE WATER SEWER
  - EXISTING WATERCOURSE
  - PROPOSED POROUS PAVING (LINED)
  - PROPOSED DETENTION BASIN
  - OVERLAND FLOW ROUTES
  - EXCEEDANCE FLOW ROUTES
  - PROPOSED SURFACE WATER PIPE RUN
  - PROPOSED SURFACE WATER MANHOLE
  - PROPOSED HEADWALL
  - PROPOSED FOUL WATER PIPE RUN
  - PROPOSED FOUL WATER RISING MAIN
  - PROPOSED FOUL WATER MANHOLE
  - SEWER EASEMENT

THIS IS AN INDICATIVE DRAINAGE STRATEGY AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES. DRAINAGE PROPOSALS ARE SUBJECT TO DETAILED DESIGN. THE ACTUAL POSITION AND DETAILS OF ANY EXISTING SERVICES ARE SUBJECT TO A DETAILED SURVEY.

Rev	Description	Date	Drawn	Checked	Apvt.
E	Outfall route relocated. Basin raised by 50mm. IL upstream basin revised. Layout dated 25.10.22 overlaid.	25.10.22	SIV	SJB	SJB
D	Easement added to pipe 1.010.	18.10.22	EL	SIV	SJB
C	Strategy updated to latest layout and road vertical alignment.	13.10.22	EL	SIV	SJB
B	Strategy updated to latest layout.	18.07.22	SIV	SJB	-
A	Strategy updated to latest layout. Basin amended to cater for relocated pump station.	27.10.21	LG	SJB	-

Project: Shoeburyness, Campfield Road

Drawing Description: Detailed Drainage Strategy

Project Number: ST-3113      Drawing Number: 02-E

Scale: 1:1000@A3 / 1:500@A1      Date: 06.09.21      Drawn: CD      Checked: SJB      Approved: -

Client: Architect

Top of Bank Level: 3.650m AOD  
 Bed Level: 2.050m AOD  
 Max Water Level for 1 in 100 + 40% CC: 3.342 AOD  
 0.308m Freeboard  
 Attenuation Volume of the Basin: ~420m<sup>3</sup>

Manhole No.	Pipe No.	Total IMP
S1	1.000	1650
S2	1.001	784
S3	1.002	904
S4	1.003	1609
S5	1.004	589
S12	1.006	819
S8	2.001	2558
S9	2.002	710
S10	2.003	300
BASIN	1.008	1021
S26	1.011	1228
SUBTOTAL		12172
URBAN CREEP (10% ROOF AREA)		487
TOTAL		12659

