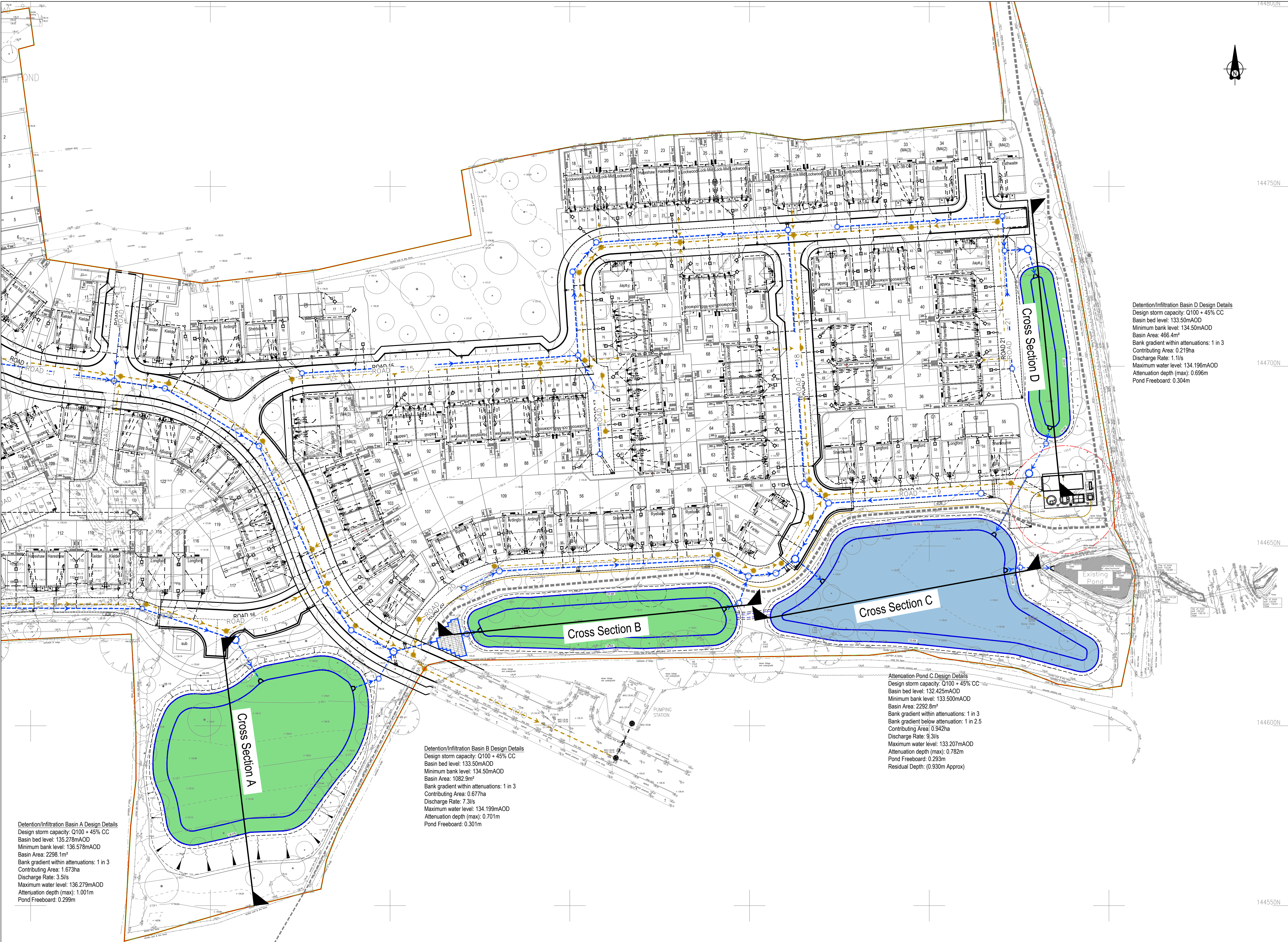




Detention/Infiltration Basin A Design Details
Design storm capacity: Q100 + 45% CC
Basin bed level: 135.278m AOD
Minimum bank level: 136.578m AOD
Basin Area: 2298.1m²
Bank gradient within attenuations: 1 in 3
Contributing Area: 1.673ha
Discharge Rate: 3.5l/s
Maximum water level: 136.279m AOD
Attenuation depth (max): 1.001m
Pond Freeboard: 0.299m

Detention/Infiltration Basin B Design Details
Design storm capacity: Q100 + 45% CC
Basin bed level: 133.50m AOD
Minimum bank level: 134.50m AOD
Basin Area: 1082.9m²
Bank gradient within attenuations: 1 in 3
Contributing Area: 0.677ha
Discharge Rate: 7.3l/s
Maximum water level: 134.199m AOD
Attenuation depth (max): 0.701m
Pond Freeboard: 0.301m

Attenuation Pond C Design Details
Design storm capacity: Q100 + 45% CC
Basin bed level: 132.425m AOD
Minimum bank level: 133.500m AOD
Basin Area: 2292.8m²
Bank gradient within attenuations: 1 in 3
Bank gradient below attenuation: 1 in 2.5
Contributing Area: 0.942ha
Discharge Rate: 9.3l/s
Maximum water level: 133.207m AOD
Attenuation depth (max): 0.782m
Pond Freeboard: 0.293m
Residual Depth: (0.930m Approx)

Detention/Infiltration Basin D Design Details
Design storm capacity: Q100 + 45% CC
Basin bed level: 133.50m AOD
Minimum bank level: 134.50m AOD
Basin Area: 466.4m²
Bank gradient within attenuations: 1 in 3
Contributing Area: 0.219ha
Discharge Rate: 1.1l/s
Maximum water level: 134.196m AOD
Attenuation depth (max): 0.696m
Pond Freeboard: 0.304m

Notes:

- To be read in conjunction with Jubb drawing 24233-JUB-ZZ-XX-DR-C-516 - Proposed Sections through Attenuation SUDS Features.

P4	20/02/26	Updated to suit revised architects layout and detailed drainage design revisions.	EPH	WH
P3	07/10/25	Pump Station added, Pond C re-designed to suit, S104 foul drainage re-designed foul rising main added.	EPH	WH
P2	16/07/25	Detention Basin & Pond design details updated to suit LLFA comments.	EPH	KM
P1	13/06/25	Preliminary issue	EPH	KM

Rev Date Description By Apvd

PROJECT:
VICTORIA ROAD
WARMINSTER

TITLE:
SECTIONS LOCATIONS THROUGH
ATTENUATION SUDS FEATURES

CLIENT:
KEEPMOAT HOMES LTD

SCALE@A1:
1:500

PROJECT REF:
24233
DRAWING No: 24233-JUB-ZZ-XX-DR-C-515
REV: P4

Revision Referencing
P = Preliminary A = Approval T = Tender C = Construction

RIDGE