Notes:

1. Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
2. This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
3. All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
4. Any discrepancies noted on site are to be reported to the engineer immediately.
5. Design to be updated on receipt of updated topographical survey, to accommodate the evolving bund design and track drainage design.

KEY:

- SITE BOUNDARY
- PROPOSED TYPE 7 CATCHPIT
- PROPOSED P.C.C HEADWALL
- PROPOSED SWALE (LINED)
- PROPOSED FILTER DRAIN (LINED)
- PROPOSED CARRIER PIPE
- PROPOSED CULVERTED WATERCOURSE (BY OTHERS)
- NEWT FENCE
- NEWT PONDS
- EXISTING DITCH TO BE RETAINED
- EXTENT OF EXISTING DITCH TO BE BACKFILLED
- EXTENT OF EXISTING DITCH TO BE RE-GRADED
- PROPOSED CHECK DAM
- 70.833m PROPOSED INVERT LEVEL (m AOD)

0.6m WIDE FILTER TRENCH WITH 225mm Ø PIPE

0.6m WIDE FILTER TRENCH WITH 150mm Ø PIPE

RAIL CHORD TRACK DRAINAGE TO BE CONFIRMED BY OTHERS

70.273m
70.369m
70.247m
70.747m
70.225m
70.200m
70.094m
71.252m
71.000m
69.775m
69.580m
70.684m
68.825m
67.421m
67.247m
67.199m
70.366m
69.513m
69.742m

EXISTING WATERCOURSE

Stream Flow Direction

1.0m BASE WIDTH SWALE WITH 1 IN 3 SIDE SLOPES

CO-ORDINATION REQUIRED WITH ALIGNMENT OF NEWT FENCING

2.0m BASE WIDTH SWALE WITH 1 IN 2 SIDE SLOPES

RESTRICTING DISCHARGE RATE 1.7l/s 225mm Ø PIPE COVER TO BE VENTED

PROPOSED 600mm CULVERT MH (U/S) CL:70.00m IL:67.802m

LOCALISED EARTHWORKS REQUIRED TO ACHIEVE REQUIRED COVER LEVELS UPSTREAM OF CULVERT CONNECTION

CULVERT TO BE DESIGNED BY OTHERS

RESTRICTING DISCHARGE RATE 5.9l/s 225mm Ø PIPE COVER TO BE VENTED

RAD-WAT-A2EX-XX-DR-D-0003

RAD-WAT-A2EX-XX-DR-D-0004

RESTRICTING DISCHARGE RATE 2.6l/s 225mm Ø PIPE COVER TO BE VENTED

LOCALISED EARTHWORKS REQUIRED TO BRING BANK LEVEL UP

ASSUMED OUTFALL TO EXISTING WATERCOURSE TOP OF BANK: 67.320M BED LEVEL: 66.300M ASSUMED FROM DITCH LEVEL UPSTREAM DESIGN BY OTHERS

RESTRICTING DISCHARGE RATE 3.5l/s 225mm Ø PIPE COVER TO BE VENTED

PROPOSED 600mm CULVERT MH (D/S) CL:68.235m IL:66.735m DESIGN BY OTHERS

DENSE VEGETATION AT TIME OF SURVEY UNABLE TO SURVEY

P03

Rev	Date	Description	By	Chk	App
P03	28.06.23	UPDATED FOLLOWING COMMENTS	MC	KM	FA
P02	09.06.23	REVIEW AND COMMENT	MC	KM	FA
P01	28.03.23	WORK IN PROGRESS			NB

Amendments

Project: RADLETT SRFI

Title: LANDSCAPING BUND LS1 SURFACE WATER DRAINAGE LAYOUT AREA 2 SOUTHERN BUND - SHEET 1 OF 2

Client: SEGRO UK

waterman

Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Suitability: FOR REVIEW AND COMMENT S3

Designed By	Checked By	Approved By	Waterman Ref
ND	KM	FA	WIE18710
Drawn By	Date	Scales @ A1	
MC	28/06/23	1:625	

Project - Originator - Volume - Level - Type - Role - Number: RAD-WAT-A2EX-XX-DR-D-0003

Revision: P03

File Path: M2- OS and Approximate extent of Landfill (EDITED), RAD-WAT-A2EX-XX-DR-C-0004-P03, RAD-WAT-A2EX-XX-M3-D-0001, TA 30.11.20 - T30253 - Surveys - S12712-3dT-Area 2 Radlett Aerodrome Rev B A0@500, X033-Bund design_contours _13-03-2023, X034-CR-081904-PWay_M