Ponds

DCC24
81801023

New Covert

Path (um)

Canford Park

(Events Arena)

Track

NB11
81801025

GW_G5_01

NB10
81801024

BS3
81801106

Conveyors

Conveyor

Works

RECYCLING SHED

Track

WBs

WB

Well

Ponds

GW_H5_01

DCC25
81801027

Public Recycling Facility

RECYCLING SHED

Tanks

Conveyors

Hopper

Chy

ESS

Chy

Well

DCC26
81801028

GW_H4_01

PRINCIPLE WINDFIELD

GW_H3_01

NB9
81801022

Indicative connection between ditch and matrix of reed beds

FB

Track

Indicative connection between from reed beds to the Knighton Stream

Matrix of reed beds consisting of 3 rows and 2 columns

Ditch conveying flows from the proposed EfW facility drainage network to reed beds

Connection to downstream ditch

B4 Discharge
81801038

UTILITY LINETYPES

Gas	G
HV Cables	HV
Multiple Services Route	
Water	W
Drainage - Foul Water	
Drainage - Storm Water	
Electric	E
Existing drainage features	
Assumed drainage catchment	

0 10 20 30 40 50 60 70 80 90 100

Rev	Date	Description	By	Chk
P01	S1	11.01.23 ISSUED	SW	BM

Amendments

Project

Canford EfW Facility

Title

Existing Drainage and Utilities

Client

MVV

waterman

Office Address

Telephone & Fax numbers

mail@watermangroup.com www.watermangroup.com

Suitability: COORDINATION S1

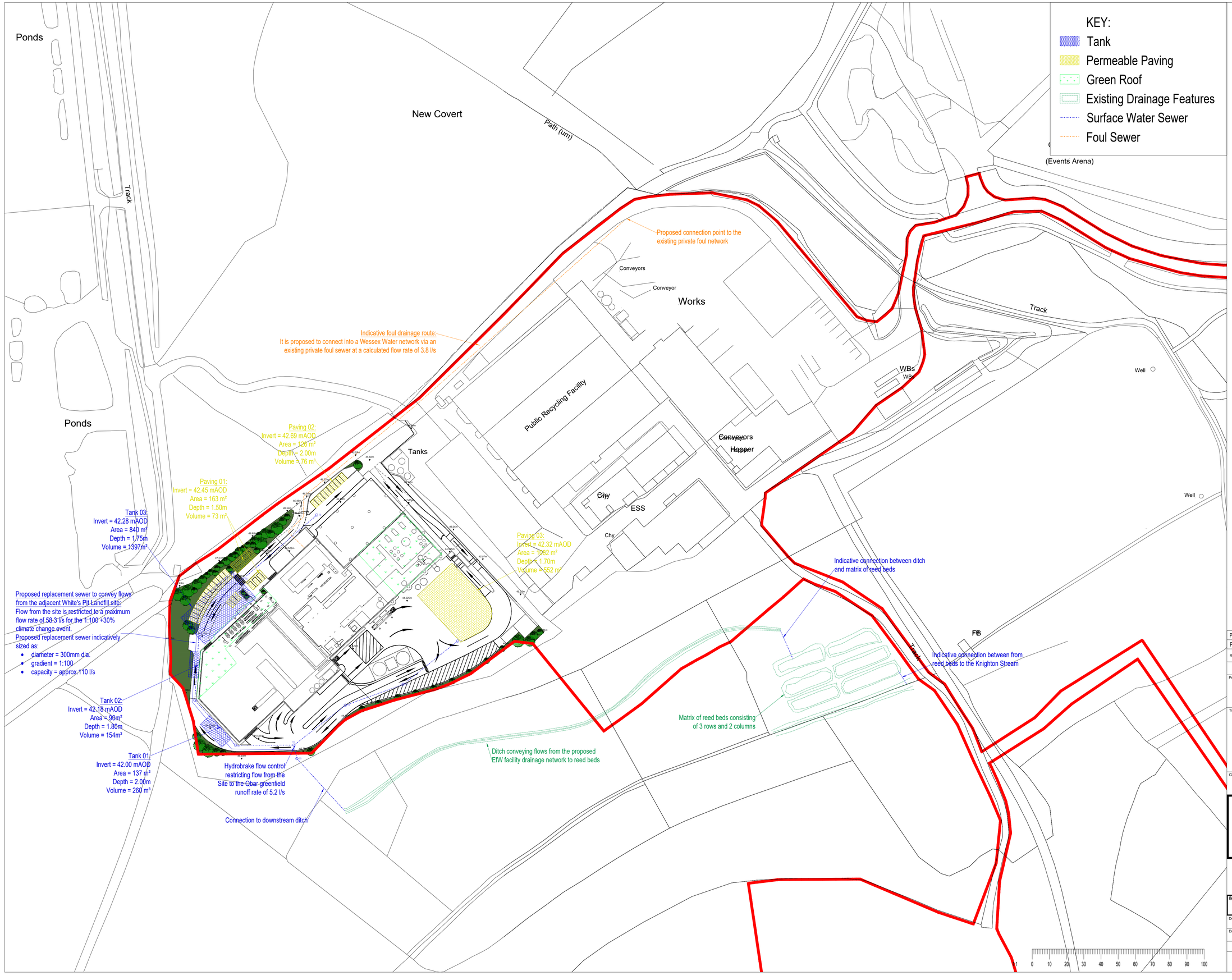
Designed By: S Whelan	Director: B McCarthy	Waterman Ref: WIE18278	
Drawn By: S Whelan	Date: 11/01/2023	Scales @ A1: 1:1000	

Project - Originator - Volume - Level - Type - Role - Number: 18278-WIE-ZZ-XX-DR-D-92001

Revision: P01

File Path: N:\Projects\WIE18278\100\7_CAD\02_Drainage\

A1-Wat-ISO-S, x-os, x-red line boundary, x-services, x-topo



NOTES:

1) The drainage network has been sized using FEH rainfall data.
2) Surface water runoff will be restricted to the QBAR greenfield rate of 2.2 l/s/ha.
3) A surface water storage volume of c.2,500 m³ will be provided to ensure the capacity of the drainage network is not exceeded for the 1:100 +45% climate change event.
4) Roof areas will drain via the proposed network. The roof drainage and its contributing areas are to be refined at detailed design stage.
5) Permeable paving will be lined with an impermeable geotextile to ensure no infiltration through the base.
6) Areas of hardstanding will drain away from the proposed EfW facility towards grass verges along the Site boundary. SuDS features such as swales/filter drains are proposed within the verges to intercept runoff, provide water quality treatment before conveying flow to the piped drainage network.
7) An automatic shut off valve will be provided upstream of the hydrobrake flow control.

Rev	Date	Description	By	Chk
P02	10.01.23	UPDATE BASED ON CLIENT COMMENTS	SW	BM
P01	16.12.22	ISSUED	SW	BM

Amendments

Project: Canford EfW Facility

Title: Proposed Surface Water Drainage Strategy

Client: MVV

waterman

Office Address
Telephone & Fax numbers
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Suitability: COORDINATION — S1

Designed By	Director	Waterman Ref
S Whelan	B McCarthy	WIE18278
Drawn By	**Date**	**Scales @ A1**
S Whelan	16/12/2022	1:1000

Project - Originator - Volume - Level - Type - Role - Number: 18278-WIE-ZZ-XX-DR-D-92002

Revision: P02

File Path: N:\Projects\WIE18278\100\7_CAD\92_Drainage\

A1-Wat-ISO-S, x-os, x-red line boundary, x-site layout